PROJECT GENERAL NOTES

A. ARCHITECTURAL CONTENTS ARE BASED UPON DOCUMENTS FROM: "SHELL SET" DATED XX/XX/XXXX & "CIVIL DRAWING SET" DATED XX/XX/XXXX. WILKUS ARCHITECTS TAKES NO RESPONSIBILITY FOR THE ACCURACY OF THE INFORMATION PROVIDED.

B. IN ADDITION TO THE GENERAL NOTES LISTED HEREIN, THE LATEST EDITION OF AIA DOCUMENT A201 GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION SHALL APPLY.

C. WORK SHALL BE IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL CODES, ORDINANCES, LAWS AND REQUIREMENTS.

D. WORK, WHEN COMPLETED, SHALL CONFORM TO THE AMERICANS WITH DISABILITIES ACT AND LOCAL ACCESSIBILITY REQUIREMENTS.

E. THE CONSTRUCTION DOCUMENTS ARE COMPLEMENTARY, AND WHAT IS REQUIRED BY ONE SHALL BE AS BINDING AS IF REQUIRED BY ALL. COORDINATE PORTIONS OF WORK AS DESCRIBED IN THE CONSTRUCTION DOCUMENTS.

F. THE CONSTRUCTION DOCUMENTS, AS DEFINED BY THE DRAWING AND SPECIFICATION INDEX, ARE NECESSARY TO DEFINE THE TOTAL PROJECT. PARTIAL PLANS OR SPECIFICATIONS SHOULD NOT BE ISSUED BY ANY PARTIES FOR BIDDING OR CONSTRUCTION.

G. IT IS THE INTENT OF THE CONSTRUCTION DOCUMENTS TO DESCRIBE A COMPLETE AND FINISHED PROJECT, OTHER THAN ITEMS NOTED "NIC" (NOT IN CONTRACT). ERRORS, OMISSIONS AND INCONSISTENCIES THAT MAY OCCUR BETWEEN THE CONSTRUCTION DOCUMENTS AND/OR EXISTING CONDITIONS SHALL BE BROUGHT IMMEDIATELY TO THE ATTENTION OF THE ARCHITECT IN WRITING AND WRITTEN INSTRUCTIONS SHALL BE OBTAINED PRIOR TO PROCEEDING WITH THE WORK. THE GENERAL CONTRACTOR SHALL BE HELD RESPONSIBLE FOR THE RESULTS OF ANY ERRORS, DISCREPANCIES AND/OR OMISSIONS WHICH THE GENERAL CONTRACTOR FAILED TO NOTIFY THE ARCHITECT PRIOR TO CONSTRUCTION AND/OR FABRICATION OF THE WORK.

H. GENERAL CONTRACTOR SHALL INCLUDE AND PROVIDE ALL LABOR, MATERIALS, EQUIPMENT, TRANSPORTATION AND PAY EXPENSES INCURRED IN THE PROPER COMPLETION OF WORK UNLESS SPECIFICALLY NOTED TO BE THE WORK OF OTHERS. GENERAL CONTRACTOR SHALL PERFORM WORK NECESSARY FOR PRODUCTION OF A COMPLETE, HABITABLE PROJECT AS DEFINED BY THE SCOPE OF WORK.

I. DO NOT SCALE DRAWINGS. BIDDER (CONTRACTOR) SHALL VERIFY CONDITIONS AND DIMENSIONS AT JOB SITE PRIOR TO START OF CONSTRUCTION. IF DISCREPANCIES ARE FOUND, WHETHER BUILT OR NOT, THE ARCHITECT SHALL BE NOTIFIED FOR CLARIFICATION BEFORE COMMENCING WORK.

J. THE STATED DIMENSIONS SHALL TAKE PRECEDENCE OVER GRAPHIC. THE ARCHITECT SHALL BE NOTIFIED OF ANY DISCREPANCIES.

K. NOTE THAT ERRORS IN THE TRANSMISSION OR REPRODUCTION OF THESE CONSTRUCTION DOCUMENTS COULD RESULT IN ALTERATIONS TO LINE TYPES, THICKNESSES, TONES, COLORS, HATCH PATTERNS AND SCALE. WILKUS ARCHITECTS IS NOT RESPONSIBLE FOR ANY CLAIMS, DAMAGES OR EXPENSES ARISING FROM THE UNAUTHORIZED USE OF THE INFORMATION CONTAINED WITHIN.

L. IF THE CONSTRUCTION DOCUMENTS APPEAR TO BE UNCLEAR, AMBIGUOUS OR CONTRADICTORY, AND IN THE EVENT THAT THE CONTRACTOR, OR SUBCONTRACTOR, DETERMINES CLARIFICATION OR INTERPRETATION BY THE ARCHITECT IS REQUIRED, THE GENERAL CONTRACTOR SHALL SUBMIT A REQUEST FOR INFORMATION IN WRITING TO THE ARCHITECT PRIOR TO START OF THE WORK.
   a. REQUESTS FOR INFORMATION MAY ONLY BE MADE BY THE GENERAL CONTRACTOR. THE GENERAL CONTRACTOR SHALL CLEARLY AND CONCISELY SET FORTH THE ISSUE FOR WHICH CLARIFICATION IS SOUGHT AND WHY A RESPONSE IS NEEDED FROM THE ARCHITECT AND/OR CONSULTANTS. IN THE REQUEST FOR INFORMATION, THE CONTRACTOR SHALL SET FORTH AN UNDERSTANDING OF THE REQUIREMENT, ALONG WITH A REASON WHY SUCH AN UNDERSTANDING WAS REACHED.
   b. THE ARCHITECT WILL REVIEW THE REQUEST FOR INFORMATION TO DETERMINE IF IT IS WITHIN THE MEANING OF THIS TERM. IF THE ARCHITECT DETERMINES THAT IT IS NOT A REQUEST FOR INFORMATION, IT WILL BE RETURNED TO THE CONTRACTOR UNREVIEWED AS TO CONTENT OR FOR RE-SUBMITTAL IN THE PROPER FORM AND MANNER.
   c. RESPONSES TO REQUESTS FOR INFORMATION SHALL BE ISSUED UPON RECEIPT, BUT NO LATER THAT FIVE WORKING DAYS OF RECEIPT, UNLESS IT IS DETERMINED THAT A LONGER PERIOD OF TIME IS NEEDED IN ORDER TO PROVIDE ADEQUATE RESPONSE. IF A LONGER PERIOD OF TIME IS NECESSARY, THE ARCHITECT WILL, WITHIN FIVE WORKING DAYS OF THE RECEIPT OF THE REQUEST FOR INFORMATION, NOTIFY THE GENERAL CONTRACTOR OF THE ANTICIPATED RESPONSE TIME.
   d. IF THE REQUEST FOR INFORMATION IS SUBMITTED WITH FIVE WORKING DAYS OR LESS FLOAT ON THE PROJECT SCHEDULE, THE CONTRACTOR SHALL NOT BE ENTITLED TO ANY TIME EXTENSION DUE TO THE TIME REQUIRED TO REVIEW AND RESPOND, PROVIDED A RESPONSE IS GIVEN WITHIN THE FIVE WORKING DAYS AS SET FORTH ABOVE.
   e. RESPONSES FROM THE ARCHITECT ARE NOT INTENDED TO CHANGE ANY OF THE REQUIREMENTS OF THE CONSTRUCTION DOCUMENTS. IN THE EVENT THAT THE CONTRACTOR BELIEVES A RESPONSE WILL CAUSE A CHANGE TO THE REQUIREMENTS OF THE CONSTRUCTION DOCUMENTS, THE CONTRACTOR SHALL IMMEDIATELY GIVE WRITTEN NOTICE TO THE ARCHITECT AND CLIENT STATING THAT THEY CONSIDER THE RESPONSE TO BE A CHANGE ORDER. FAILURE TO GIVE SUCH WRITTEN NOTICE IMMEDIATELY SHALL WAIVE THE CONTRACTORS RIGHT TO SEEK ADDITIONAL TIME AND/OR COST.

M. ANY DIMENSIONS, DETAILS, NOTES AND/OR SYMBOLS THAT APPLY TO ONE UNIT, APPLY TO ALL UNITS IN LIKE SITUATIONS, UNLESS NOTED OTHERWISE.

N. FOR THE PURPOSE OF THESE DOCUMENTS, "INSTALL" SHALL MEAN TO PROVIDE FASTENERS, MISCELLANEOUS HARDWARE, BLOCKING, ELECTRICAL CONNECTIONS, PLUMBING CONNECTIONS AND ANY OTHER ITEMS REQUIRED FOR A COMPLETE AND OPERATIONAL INSTALLATION, UNLESS NOTED OTHERWISE.

O. FOR THE PURPOSE OF THESE DOCUMENTS, "BY GC" WILL REFER TO ITEMS PROVIDED AND INSTALLED BY THE GENERAL CONTRACTOR, THEIR SUBCONTRACTORS AND/OR AGENTS. THE TERM "BY CLIENT" WILL REFER TO ITEMS PROVIDED BY THE CLIENT AND INSTALLED BY THE GENERAL CONTRACTOR.

P. PRODUCTS THAT HAVE BEEN USED IN PREPARING THESE DOCUMENTS, ARE TO ESTABLISH MINIMUM QUALITIES. PROPOSED SUBSTITUTIONS MUST MEET THESE QUALITIES, OR BETTER, TO BE CONSIDERED ACCEPTABLE. THE BURDEN OF PROOF OF EQUALITY RESTS WITH THE GENERAL CONTRACTOR. ADEQUATE SUPPORTING DOCUMENTATION MUST ACCOMPANY SUBSTITUTION REQUEST SUBMITTALS, WHICH MUST BE SUBMITTED TO THE ARCHITECT FOR APPROVAL PRIOR TO BIDDING.

Q. GENERAL CONTRACTOR SHALL VISIT THE PROJECT SITE PRIOR TO SUBMISSION OF BID AND BEGINNING OF ANY WORK TO EXAMINE AND COMPARE THE DRAWINGS AND SPECIFICATIONS TO THE EXISTING CONDITIONS AND BE KNOWLEDGEABLE OF WORK TO BE PERFORMED. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.

R. NOTIFY ALL PARTIES IF HAZARDOUS MATERIALS ARE SUSPECTED OR FOUND TO BE PRESENT.

S. NOTIFY ARCHITECT IMMEDIATELY OF EXISTING CONDITIONS THAT ARE EXPOSED DURING CONSTRUCTION THAT MAY IMPACT ANY PROPOSED NEW WORK.

T. DO NOT ATTEMPT REMOVAL OF ANY STRUCTURE OR ELEMENT SUSPECTED OF BEING STRUCTURAL IN NATURE. STRUCTURAL MODIFICATIONS TO THE BUILDING OR STRUCTURAL SYSTEMS (OF ANY TYPE) REQUIRE APPROVAL FROM THE BUILDING OWNER AND AN APPROVED STRUCTURAL ENGINEER.

U. GENERAL CONTRACTOR TO PROVIDE TEMPORARY BARRICADES, WINDOW BLACKOUTS AND DUST CONTROL AS REQUIRED BY CLIENT, LANDLORD OR AUTHORITY HAVING JURISDICTION FOR THE DURATION OF CONSTRUCTION.

V. VEHICULAR ACCESS MUST BE PROVIDED AND MAINTAINED SERVICEABLE THROUGHOUT CONSTRUCTION.

W. THROUGHOUT THE PROJECT, THE GENERAL CONTRACTOR SHALL CLOSELY SUPERVISE THE WORK OF SUBCONTRACTORS AND SHALL BE SOLELY RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS AND TECHNIQUES, INCLUDING SAFETY PROCEDURES AND FOR COORDINATING/SEQUENCING TRADES.

X. GENERAL CONTRACTOR SHALL TAKE OUT ANY NECESSARY TRADE-LEVEL PERMITS, INSURANCE, LICENSES, BONDS AND CERTIFICATES AND PAY ALL FEES CONNECTED TO THE WORK DESCRIBED HEREIN.

Y. ALL CONTRACTORS FOR THE WORK ARE REQUIRED TO HAVE INSURANCE OF ALL TYPES AND LIMITS, AS REQUIRED FOR THIS PROJECT.

Z. REFER TO ENGINEERED CONSTRUCTION DOCUMENTS BY OTHERS FOR ADDITIONAL PERTINENT INFORMATION.

AA. ABBREVIATIONS ARE PER THE UNITED STATES NATIONAL CAD STANDARD - FOUND IN MODULE 5 - TERMS AND ABBREVIATIONS.

BB. REFER TO INDIVIDUAL DRAWINGS WITHIN THIS SET OF CONSTRUCTION DOCUMENTS FOR ADDITIONAL GENERAL NOTES.

CC. GENERAL CONTRACTOR IS RESPONSIBLE TO CONTACT (client, landlord, etc) TO VERIFY, COORDINATE AND COMPLY, DURING THE BIDDING PHASE, WITH REQUIREMENTS INCLUDING, BUT NOT LIMITED TO BARRICADES, STAGING, CONSTRUCTION PROCEDURES, USE OF MANDATED SUBCONTRACTORS, DEBRIS REMOVAL, RESTRICTED HOURS OF CONSTRUCTION, SECURITY, UTILITIES, ETC.

DD. GENERAL CONTRACTOR SHALL FURNISH AND INSTALL ITEMS WHICH ARE OBVIOUS AND NECESSARY TO ENSURE QUALITY WORKMANSHIP AND INSTALLATION, EVEN IF NOT SPECIFICALLY MENTIONED IN THE DRAWINGS, INCLUDING BUT NOT LIMITED TO BLOCKING AND BRACING.

EE. ANY DEVIATION FROM THESE CONSTRUCTION DOCUMENTS ON THE PART OF THE GENERAL CONTRACTOR, ANY SUBCONTRACTOR, VENDOR AND/OR SUPPLIER, OR USE OF THESE CONSTRUCTION DOCUMENTS FOR USE AT ANY LOCATION OTHER THAN THAT FOR WHICH THEY WERE INTENDED, SHALL RELEASE WILKUS ARCHITECTS, AND ITS SUBSIDIARIES, AND THEIR OFFICERS, DIRECTORS, SHAREHOLDERS, AGENTS, EMPLOYEES, REPRESENTATIVES, SUCCESSORS AND ASSIGNEES, FROM ANY AND ALL LIABILITY INCURRED IN LITIGATION OR OTHERWISE WITH RESPECT TO THE CONSTRUCTION OF THIS PROJECT.

FF. GENERAL CONTRACTOR IS RESPONSIBLE FOR THEIR WORK AND THAT OF THEIR SUBCONTRACTORS FOR THE LOSSES AND DAMAGES TO EQUIPMENT, EXISTING CONSTRUCTION, TOOLS AND MATERIALS USED IN CONJUNCTION WITH THE WORK, FOR THE ACTS OF THEIR EMPLOYEES AND SUBCONTRACT WORKERS.

GG. GENERAL CONTRACTOR SHALL ADHERE AND COMPLY WITH FEDERAL, STATE AND LOCAL REGULATIONS REGARDING JOB SAFETY.

HH. GENERAL CONTRACTOR IS RESPONSIBLE TO CARRY WORKER'S COMPENSATION AS REQUIRED BY LAW AND/OR GOVERNING AUTHORITY.

II. GENERAL CONTRACTOR IS RESPONSIBLE FOR THE SAFETY AND CARE OF ADJACENT PROPERTIES DURING CONSTRUCTION.

JJ. GENERAL CONTRACTOR IS RESPONSIBLE FOR MAINTAINING A COMPLETE AS-BUILT SET OF CONSTRUCTION DRAWINGS AT THE JOB SITE AND TURNING THE AS-BUILT DRAWINGS OVER TO THE CLIENT UPON COMPLETION OF THE PROJECT.

KK. THE APPROVED PLANS (FOR CONSTRUCTION SET) SHALL BE KEPT ON SITE AT ALL TIMES, INCLUDING ALL ADDENDA, SUPPLEMENTAL INSTRUCTIONS, CHANGE ORDERS, COPIES OF APPROVED SUBMITTALS, ETC.

LL. IF REQUIRED, THE GENERAL CONTRACTOR SHALL PROVIDE SCHEDULING AND/OR COORDINATION WITH THE APPROPRIATE REPRESENTATIVE FOR THE FOLLOWING INSTALLATIONS OR PROCEDURES:
   a. INSTALLATION OF CONDUIT AND PIPING IN OR BELOW THE FLOOR SLAB.
   b. CONNECTIONS TO DOMESTIC WATER, SANITARY AND GREASE WASTE, SANITARY VENT AND SMOKE/FIRE ALARMS.
   c. INSTALLATION OF PRIMARY DUCTWORK, VAV BOXES AND CONTROLS.
   d. PROGRAMMING OF THE VAV BOX CONTROL AND SENSORS.
   e. ANY WORK REQUIRED AT THE BUILDING SWITCHGEAR.
   f. HARDWARE AND SOFTWARE MODIFICATIONS TO COMPLETE THE INTERFACE WITH BASE BUILDING LIFE SAFETY SYSTEM.
   g. UPON SUBSTANTIAL COMPLETION OF WORK IN THE PREMISES, CLIENT AND THE CONTRACTOR MUST SCHEDULE A FINAL INSPECTION AND PREPARE A PUNCHLIST WHICH ENUMERATES ANY AREAS OF CONSTRUCTION, FIXTURING, LIGHTING OR LAMPING, MERCHANDISING, ETC., THAT ARE NOT IN ACCORDANCE WITH THE CONSTRUCTION DOCUMENTS. ANY STOREFRONT BARRICADE MAY NOT BE REMOVED UNTIL THE INSPECTION AND REQUIRED CORRECTIONS HAVE BEEN COMPLETED.
   h. LANDLORD'S CONDITIONS IN THE FACILITY TENANT DESIGN GUIDE HANDBOOK SHALL BE A PART OF ANY CONTRACT AND/OR AGREEMENT ENTERED INTO BY THE GENERAL CONTRACTOR. THE GENERAL CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE LANDLORD CONTACT PRIOR TO ANY CONSTRUCTION.
   i. PROVIDE LANDLORD REQUIRED PROOF OF BUILDERS RISK INSURANCE AND DAMAGE DEPOSIT PRIOR TO BEGINNING OF ANY SELECTIVE DEMOLITION OR CONSTRUCTION PROCEDURES.

MM. GENERAL CONTRACTOR TO VERIFY REQUIREMENTS TO MAINTAIN ROOF WARRANTY. ANY ROOF PATCHING SHALL RETURN THE AFFECTED AREA TO A "LIKE NEW" CONDITION.

NN. GENERAL CONTRACTOR ASSUMES COMPLETE RESPONSIBILITY WHEN CLIENT FURNISHED ITEMS ARE ACCEPTED AND RECEIVED BY THE GENERAL CONTRACTOR OR THEIR AGENTS.

OO. PROVIDE PROTECTION FOR EXISTING OR NEWLY INSTALLED SYSTEMS AND FINISHES FOR THE DURATION OF CONSTRUCTION.

PP. GENERAL CONTRACTOR TO INSTALL DUST PROOFING AND/OR RIGID BARRIERS AS APPROPRIATE TO DEFINE VARIOUS SEGMENTS. BARRIERS TO MAINTAIN EXITING, MECHANICAL, AND FIRE/LIFE SAFETY REQUIREMENTS FOR BUILDING OCCUPANTS.

QQ. GENERAL CONTRACTOR IS RESPONSIBLE FOR INSPECTION OF PORTIONS OF WORK ALREADY PERFORMED TO DETERMINE THAT SUCH PORTIONS ARE IN PROPER CONDITION TO RECEIVE SUBSEQUENT WORK.

RR. MOLD AND MOISTURE MITIGATION - GENERAL CONTRACTOR TO COORDINATE AND ENSURE THAT ANY AREA OF THE BUILDING, MATERIAL, OR ASSEMBLY WITHIN THE BUILDING ENVELOPE IS THOROUGHLY CLEANED AND DRY BEFORE BEING COVERED BY CONSTRUCTION. ANY MOLD, MILDEW OR OTHER MOISTURE CONDITION DEVELOPED WITHIN THE SCOPE OF WORK OF THIS CONTRACT (DEMOLITION OR NEW CONSTRUCTION) SHALL BE CORRECTED AND/OR MITIGATED BY THE GENERAL CONTRACTOR PRIOR TO ADDITIONAL WORK.

SS. CONTACT BETWEEN DISSIMILAR METALS SHALL BE LIMITED. WHEN REQUIRED, THE CONTACT SHALL BE PROTECTED AS REQUIRED.

TT. ALL SHUTDOWNS OF MECHANICAL, PLUMBING, ELECTRICAL, FIRE ALARM AND/OR FIRE SPRINKLER SYSTEMS SHALL BE COORDINATED WITH THE LANDLORD AND COMPLY WITH THE AUTHORITY HAVING JURISDICTION'S REQUIREMENTS FOR NOTIFICATION, FIRE WATCH, RE-TESTING, ETC.

UU. REMOVE COMBUSTIBLE RUBBISH DURING CONSTRUCTION FROM THE PROJECT LIMITS CONTINUOUSLY AND DISPOSE OF IN A LEGAL MANNER.
VENDORS ARE RESPONSIBLE FOR DISPOSAL OF SHIPPING/CRATING MATERIALS. VERIFY WITH THE GENERAL CONTRACTOR THE USE OF THE DUMPSTER ON SITE. SUBCONTRACTORS MUST DISPOSE OF THEIR CONSTRUCTION DEBRIS. IF NOT COMPLETED, IT WILL BE COMPLETED AND BACK CHARGED FOR CLEANING. COORDINATE DISPOSAL WITH JOB SUPERINTENDENT.

VV. AT THE TIME OF PROJECT COMPLETION, THE PROJECT LIMITS ARE TO BE THOROUGHLY CLEANED PRIOR TO TURNOVER TO CLIENT.

SYMBOL LEGEND

- EXTERIOR ELEVATION MARKER (1 / SP101 / 1)
- INTERIOR ELEVATION MARKER (1 / A101 / 1)
- SECTION MARKER (SIM / 1 / A101)
- SECTION / DETAIL (SIM / 1 / A101)
- VIEW LABEL (1 VIEW NAME, SCALE:1/8" = 1'-0")
- KEYNOTE & WASHROOM ACCESSORIES NUMBER (X)
- WALL TAG (W1)
- LEVEL TARGET
- COLUMN GRID LABEL (0)
- ROOM NAME & NUMBER (ROOM NAME 101)
- REVISION NUMBER (1)
- DOOR NUMBER (1i)
- MISCELLANEOUS EQUIPMENT NUMBER
- KITCHEN EQUIPMENT NUMBER
- FURNITURE NUMBER
- NORTH ARROW (N)
- DIMENSION TARGET
- FINISH TAG (P1)

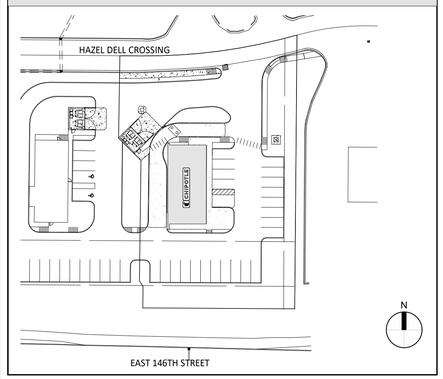
CHIPOTLE

STORE NUMBER: 5081

LOCATION: "146th & HAZEL DELL PARKWAY"

ADDRESS: TBD 146th & HAZEL DELL PARKWAY
NOBLESVILLE, IN 46062

SITE MAP



LOCATION MAP

SCOPE OF WORK

NEW GROUND UP BUILDING FOR THE UPFIT OF A QUICK SERVE RESTAURANT.

WORK INCLUDES BUT IS NOT LIMITED TO, A NEW SHELL BUILDING, INTERIOR FIT OUT INCLUDING FINISHES, FIXTURES & EQUIPMENT, MECHANICAL, PLUMBING & ELECTRICAL INCLUDED. NEW EXTERIOR AND PATIO FURNITURE.

SIGNAGE UNDER SEPERATE PERMIT.

UTILITY COORD.

NOTE TO GENERAL CONTRACTOR
FOR ALL WATER, SEWER, NATURAL GAS, & ELECTRICITY UTILITIES CONTACT THE FOLLOWING

HDGROUP, INC.
295 LUNA LANE
ERIE, CO 80516

CONTACT: MELISSA BALCERAK
E: mbalcerak@hunterdevelopmentgroup.com
T: (972) 396-8409
F: (214) 291-5597

SIGNAGE VENDOR

JONES SIGN
1711 SCHEURING ROAD
DE PERE, WI 54115

CONTACT :
T: (970) 484-3637
F: (970) 484-3639

PROJECT TEAM

LANDLORD
CMG HOLDINGS, LLC
6402 CORNELL AVENUE
INDIANAPOLIS, IN 46220

CONTACT : BRYAN CHANDLER
E: bchandler@eclipsere.com
T: (317) 514-5103

ARCHITECT
WILKUS ARCHITECTS, PA, PC
15 NINTH AVENUE NORTH
HOPKINS, MN 55343

CONTACT: DAVIN LINDOW
E: dri@wilkusarch.com
T: (952) 843-7055

STRUCTURAL ENGINEER
VAA ENGINEERING
2300 BERKSHIRE LANE N, SUITE 200
PLYMOUTH, MN 55441

CONTACT: TERRY MAHR
E: tmahr@vaaeng.com
T: (763) 577-9119

TENANT
CHIPOTLE MEXICAN GRILL
500 NEIL AVENUE, SUITE 400
COLUMBUS, OH 43215

CONTACT: HEATHER CONLEY
E: heather.conley@chipotle.com
T: (380) 222-7248
C: (614) 816-1382

MECHANICAL ELECTRICAL PLUMBING ENGINEER
NATIONAL ENGINEERING, LTD.
4635 TRUEMAN BLVD., SUITE 250
HILLARD, OH 43026

CONTACT: CLIFF KIGAR
E: ckigar@nationalengineering.com
T: (614) 328-2033

CIVIL ENGINEER
WEIHE ENGINEERS, INC.
10505 N. COLLEGE AVE
INDIANAPOLIS, IN 46280

CONTACT: BILL TERRY
E: billt@weihe.net
T: (317) 846-6611

REGULATORY AUTHORITIES

ZONING DEPARTMENT
CITY OF NOBLESVILLE - PLANNING & ZONING DEPARTMENT
16 SOUTH 10TH STREET
NOBLESVILLE, IN 46060

CONTACT: DENISE ASCHLEMAN
E: Daschleman@noblesville.in.us
E: planapplications@noblesville.in.us
T: (317) 776-6325

FIRE DEPARTMENT
NOBLESVILLE FIRE DEPARTMENT - PUBLIC SAFETY BUILDING
135 SOUTH 9TH STREET
NOBLESVILLE, IN 46060

CONTACT: DARREL CROSS - FIRE MARSHAL
E: dcross@noblesville.in.us
T: (317) 776-6336
D: (317) 776-6336 ext. 1414

NATURAL GAS UTILITY
CENTERPOINT GAS
16000 ALLISONVILLE ROAD
NOBLESVILLE, IN 46060

CONTACT:
T: (800) 227-1376
CONSTRUCTION & NEW SERVICE:
(800) 990-1930

SEWER UTILITY
NOBLESVILLE SEWER
16 SOUTH 10TH STREET
NOBLESVILLE, IN 46060

CONTACT: JIM HELLMANN
E: jhellmann@noblesville.in.us
T: (317) 776-6330

HEALTH DEPARTMENT
HAMILTON COUNTY HEALTH DEPARTMENT
DIVISION OF ENVIORNMENTAL HEALTH
18030 FOUNDATION DRIVE, SUITE A
NOBLESVILLE, IN 46060

CONTACT: JESSICA HANEY - HEALTH OFF.
E: Jessica.Haney@hamiltoncounty.in.gov
T: (317) 776-8500

BUILDING DEPARTMENT
CITY OF NOBLESVILLE - BUILDING DEPARTMENT
16 SOUTH 10TH STREET
NOBLESVILLE, IN 46060

CONTACT: DANIEL SHEPOSH
E: dsheposh@noblesville.in.us
T: (317) 776-6325

WATER UTILITY
CITIZENS ENERGY GROUP
PO BOX 7056
INDIANAPOLIS, IN 46207

CONTACT: BUSINESS CUSTOMER SERVICE
T: (317) 927-4328

ELECTRICAL UTILITY
DUKE ENERGY
PO BOX 1326
CHARLOTTE, NC 28201

CONTACT:
T: (800) 521-2232
BUSINESS: (800) 774-1202

TELEPHONE UTILITY
AT&T STORE
2001 E GREYHOUND PASS, SUITE 6
CARMEL, IN 46033

CONTACT:
T: (317) 816-8100

SHEET INDEX

SHEET NO.	SHEET NAME	REVISION 1	2	3	4
GENERAL				3	
G000	COVER SHEET		•		
G001	CODE ANALYSIS - LIFE SAFETY PLAN		•		
G002	ACCESSIBILITY STANDARDS				
SPECIFICATIONS					
G010	ARCHITECTURAL SPECIFICATIONS				
G011	ARCHITECTURAL SPECIFICATIONS		•		
G012	ARCHITECTURAL SPECIFICATIONS				
G013	ARCHITECTURAL SPECIFICATIONS		•		
G014	ARCHITECTURAL SPECIFICATIONS				
G015	ARCHITECTURAL SPECIFICATIONS				
G016	ARCHITECTURAL SPECIFICATIONS				
G017	ARCHITECTURAL SPECIFICATIONS		•		
G018	WORK LETTER				
G019	WORK LETTER				
SITE PLAN					
SP100	ARCHITECTURAL SITE PLAN				
SP101	DUMPSTER PLAN & DETAILS				
ARCHITECTURAL					
A001	FLOOR PLAN		•		
A002	DOOR & WINDOW SCHEDULE		•		
A003	ROOF PLAN		•		
A004	EXTERIOR ELEVATIONS		•		
A005	WALL SECTIONS		•		
A006	WALL SECTIONS		•		
A007	WALL SECTIONS		•		
A008	WALL SECTIONS		•		
A009	DETAILS		•		
A010	DETAILS		•		
A011	DETAILS		•		
A012	EIFS DETAILS				
ARCHITECTURAL					
A000	COVER SHEET AND SHEET INDEX				
A101	SLAB WORK PLAN		•		
A110	ARCHITECTURAL FLOOR PLAN		•		
A111	ARCHITECTURAL WALL TYPES				
A120	FINISH PLAN		•		
A130	FF&E PLAN		•		
A131	FF&E SCHEDULES				
A140	ARCHITECTURAL ROOF PLAN				
A201	REFLECTED CEILING PLAN		•		
A210	CEILING DETAILS		•		
A211	LIGHTING DETAILS		•		
A501	INTERIOR SECTIONS		•		
A601	DOOR & HARDWARE SCHEDULE		•		
A701	ELEVATIONS - INTERIOR DINING		•		
A702	ELEVATIONS - INTERIOR KITCHEN				
A710	RESTROOM INFORMATION		•		
A801	FINISH DETAILS - GENERAL				
A802	FINISH DETAILS - TILE		•		
STRUCTURAL					
S000	GENERAL STRUCTURAL NOTES				
S101	FOUNDATION PLAN				
S102	STRUCTURAL SITE DETAILS				
S201	ROOF FRAMING PLAN				
S501	FOUNDATION DETAILS				
S502	FOUNDATION DETAILS				
S503	ROOF FRAMING DETAILS				
S504	STRUCTURAL DETAILS				
HVAC					
M010	HVAC SPECIFICATIONS				
M100	HVAC PLAN				•
M600	HVAC SCHEDULES				
M605	CAPTIVE AIRE DRAWINGS				
M606	CAPTIVE AIRE DRAWINGS				
M700	HVAC DETAILS				
PLUMBING					
P010	PLUMBING SPECIFICATIONS				
P100	PLUMBING PLAN WATER & GAS			•	
P110	PLUMBING PLAN WASTE & VENT		•	•	
P600	PLUMBING SCHEDULES				
P700	PLUMBING DETAILS				
ELECTRICAL					
E010	ELECTRICAL SPECIFICATIONS				
E100	ELECTRICAL LIGHTING PLAN		•	•	
E110	ELECTRICAL POWER PLAN			•	
E115	ELECTRICAL SITE POWER PLAN				
E600	ELECTRICAL SCHEDULES				
E700	ELECTRICAL INTERIOR ELEVATIONS			•	
E705	ELECTRICAL INTERIOR ELEVATIONS				
E710	ELECTRICAL DETAILS				

WILKUS ARCHITECTS

CLIENT:

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2023
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 5081
"146th & HAZEL DELL PARKWAY"
TBD 146th & HAZEL DELL PARKWAY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO. 2023-0238
DRAWN BY RDB, THV
CHECKED BY DRL

ISSUE RECORD:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

REVISIONS:

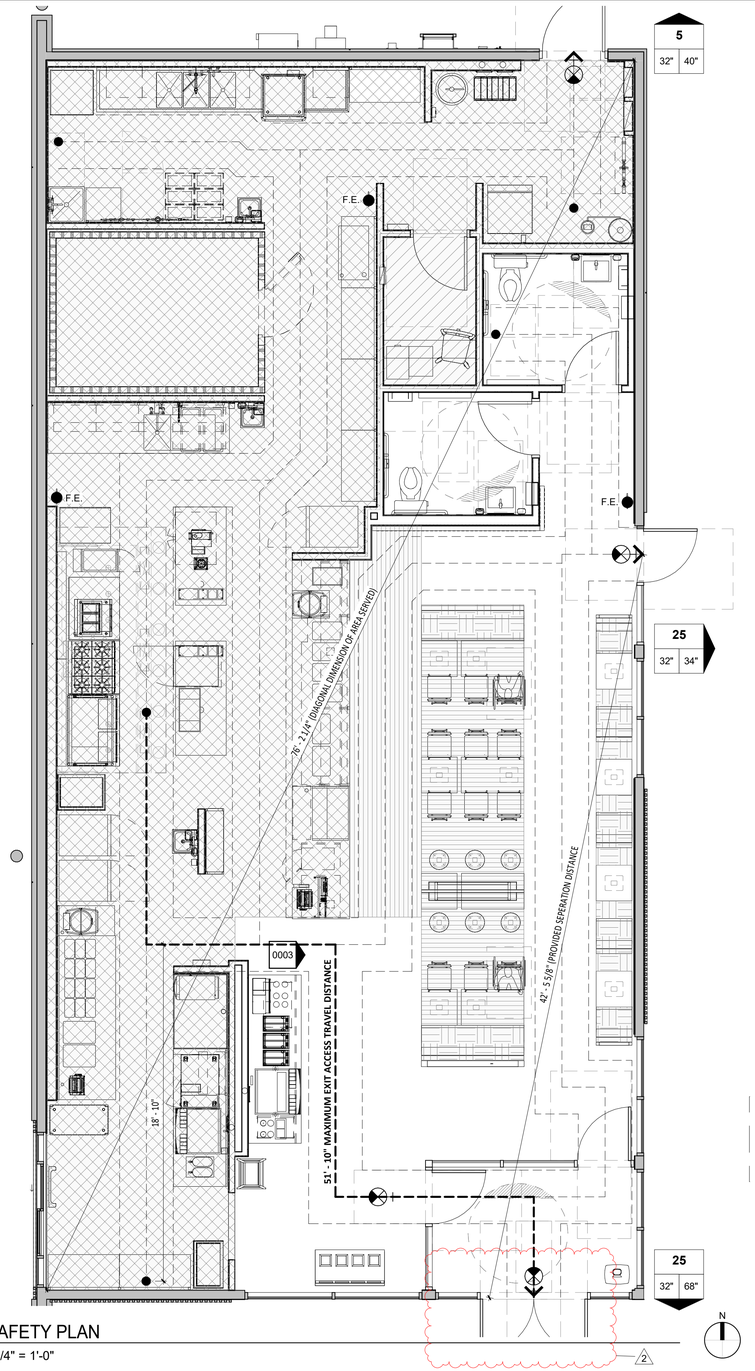
3	07/01/2024	CONSTRUCTION & BID SET

TITLE:

COVER SHEET

SHEET NUMNBER:

G000



1 LIFE SAFETY PLAN

SCALE: 1/4" = 1'-0"

LIFE SAFETY GENERAL NOTES

A. LIFE SAFETY SYSTEMS SHALL BE DESIGNED PER APPLICABLE FIRE PREVENTION CODE, ORDINANCE OR LAW.

B. POST "NO PARKING - FIRE LANE" SIGNS ALONG APPROVED VEHICULAR ACCESS ROADS. COORDINATE LOCATIONS WITH LOCAL AUTHORITY HAVING JURISDICTION.

C. AN ALL WEATHER FIRE ACCESS ROAD SHALL BE IN PLACE BEFORE ANY COMBUSTIBLE MATERIALS ARE PLACED ON SITE. COORDINATE WITH LOCAL AUTHORITY HAVING JURISDICTION.

D. FIRE APPARATUS ACCESS ROADS SHALL BE UNOBSTRUCTED. ACCESS GATES SHALL BE APPROVED PRIOR TO INSTALLATION AND SHALL BE IN COMPLIANCE WITH O.S.H.A. GUIDELINES.

E. COMMERCIAL DUMPSTERS OR CONTAINERS WITH A CAPACITY OF ONE AND A HALF CUBIC YARDS OR GREATER SHALL NOT BE STORED OR PLACED WITHIN FIVE FEET OF COMBUSTIBLE WALLS OR OPENINGS, UNLESS THESE AREAS ARE PROTECTED BY AN APPROVED AUTOMATIC FIRE SPRINKLER SYSTEM.

F. BUILDING ADDRESS NUMBERS SHALL BE PROVIDED AT THE FRONT OF THE TENANT SPACE AND SHALL BE VISIBLE AND LEGIBLE FROM THE PUBLIC RIGHT-OF-WAY AND A MINIMUM OF 6" HIGH. NUMBERS SHALL CONTRAST WITH THEIR BACKGROUND. ADDRESS NUMBERS SHALL BE PROVIDED AND INSTALLED BY THE GENERAL CONTRACTOR.

G. THE SUITE ADDRESS SHALL BE POSTED ON THE BUILDING WHERE IT IS CLEARLY VISIBLE FROM THE FIRE LANE. THE SUITE ADDRESS MUST BE POSTED IN NUMBERS THAT ARE A MINIMUM OF 4" TALL, ARE OF CONTRASTING COLOR WITH THE BACKGROUND ON WHICH THEY ARE MOUNTED AND WILL BE LOCATED SUCH THAT THEY ARE READILY VISIBLE DURING THE NIGHTTIME HOURS.

H. THE ADDRESS SHALL BE PERMANENTLY POSTED ON UTILITY SERVICE DISCONNECTS IN NUMBERS A MINIMUM OF 1" TALL AND ON THE SERVICE DOOR IN NUMBERS A MINIMUM OF 4" TALL.

I. A KNOX BOX IS TO BE PROVIDED AND INSTALLED BY THE GENERAL CONTRACTOR. VERIFY WITH THE LOCAL AUTHORITY THIS REQUIREMENT AND COORDINATE LOCATION AS REQUIRED.

J. REQUIRED EGRESS DOORS SHALL BE OPENABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT AND SHALL SWING IN THE DIRECTION OF EGRESS TRAVEL. SPECIAL LOCKING DEVICES SHALL BE OF AN APPROVED TYPE.

K. EXITS SHALL BE ILLUMINATED AT ANY TIME THE BUILDING IS OCCUPIED WITH LIGHTS HAVING AN INTENSITY OF NOT LESS THAN 11.0 LUX AT FLOOR LEVEL, OR AS DIRECTED BY LOCAL CODE.

L. EXIT SIGNS TO BE PROVIDED AND INSTALLED AS REQUIRED BY APPLICABLE CODES, ORDINANCES AND LAWS.

M. PROVIDE APPROVED EXITING ILLUMINATION AND ILLUMINATED EXIT SIGNS WHICH ARE POWERED FROM SEPARATE CIRCUITS AND COMPLY WITH THE BUILDING CODE.

N. ANY RATED WALL ASSEMBLIES AND/OR FLOOR/CEILING ASSEMBLIES LOCATED IN AN ATTIC SPACE OR IN A CONCEALED SPACE SHALL BE IDENTIFIED WITH PERMANENT SIGNAGE OR STENCILING. SUCH IDENTIFICATION SHALL BE LOCATED WITHIN 15'-0" OF THE END OF THE WALL AND AT INTERVALS NOT EXCEEDING 30'-0", LETTERING MUST BE NOT LESS THAN 3" IN HEIGHT WITH A MINIMUM 3/8" STROKE, IN CONTRASTING COLOR. INDICATE THE TYPE AND RATING OF THE CONSTRUCTION OR AS REQUIRED BY LOCAL CODE.

O. OCCUPANT LOAD SIGN WITH MINIMUM 1" LETTERS AND NUMBERS SHALL BE POSTED NEAR MAIN EXIT.

P. FIRE DAMPERS SHALL BE PROVIDED WHERE AIR DUCTS PENETRATE ANY FIRE RATED ASSEMBLIES.

Q. EXIT LIGHTING AND SIGNS SHALL HAVE 6" HIGH LETTERING IN ACCORDANCE WITH LOCAL CODES. PROVIDE LOW LEVEL EXIT SIGNS PER CODE REQUIREMENTS.

R. FIRE DEPARTMENT FINAL INSPECTION REQUIRED.

S. EXITS, EXIT SIGNS, FIRE ALARM PANELS, HOSE CABINETS, FIRE EXTINGUISHER LOCATIONS, AND STANDPIPE CONNECTIONS SHALL NOT BE CONCEALED BY CURTAINS, MIRRORS, OR OTHER DECORATIVE MATERIAL.

T. FIRE EXTINGUISHER NOTES

a. PROVIDE AND INSTALL FIRE EXTINGUISHERS AS DIRECTED BY AUTHORITY HAVING JURISDICTION. EXTINGUISHERS IN BACK OF HOUSE AREAS MAY BE IN BRACKETS, PUBLIC AREAS ARE TO BE ENCLOSED IN RECESSED CABINETS, PAINTED TO MATCH ADJACENT WALL FINISH.

b. PROVIDE 'K' TYPE FIRE EXTINGUISHER IN KITCHEN AREAS, WITHIN 30'-0" OF TRAVEL FROM ANY POINT WITHIN THE KITCHEN OR FOOD PREPARATION AREAS. VERIFY INSTALLATION LOCATIONS WITH LOCAL FIRE MARSHALL PRIOR TO INSTALLATION.

c. 5 LB. 'ABC' FIRE EXTINGUISHERS ARE REQUIRED WITHIN 75'-0" OF TRAVEL FORM ANY POINT IN PUBLIC AREAS. THEY MUST BE MOUNTED CONSPICUOUSLY, PREFERABLE ALONG NORMAL TRAVEL PATHS AND EXIT WAYS. VERIFY INSTALLATION LOCATIONS WITH LOCAL FIRE MARSHAL PRIOR TO INSTALLATION.

CODE ANALYSIS

APPLICABLE CODES AND REGULATIONS

INCLUDES STATE AND LOCAL PROVISIONS TO THE BUILDING CODE	
BUILDING CODE:	2014 INDIANA BUILDING CODE
MECHANICAL CODE:	2014 INDIANA MECHANICAL CODE
PLUMBING CODE:	2012 INDIANA PLUMBING CODE (2006 IPC)
ENERGY CODE:	2010 INDIANA ENERGY CONSERVATION CODE
FUEL GAS CODE:	2014 INTERNATIONAL FUEL GAS CODE
ELECTRICAL CODE:	2014 INDIANA ELECTRICAL CODE, 2008 NFPA 70
FIRE CODE:	2014 INTERNATIONAL FIRE CODE, 2010 NFPA 72
FOOD CODE:	HAMILTON COUNTY HEALTH DEPARTMENT - 410 IAC 7-24 - FOOD CODE
ACCESSIBILITY CODE(S):	ANSI A117.1 - 2009 ACCESSIBLE AND USABLE BUILDINGS

BASIS OF DESIGN

CONSTRUCTION TYPE	TYPE V-B
OCCUPANCY TYPE	A-2
AREA FACTOR	NON SPRINKLERED, SINGLE STORY
BUILDING AREA	2,400 SQ FT
OCCUPANT LOAD	55 OCC.

CH3 - USE AND OCCUPANCY CLASSIFICATION

OCCUPANCY GROUP & FUNCTION	GENERAL DESCRIPTION OF SITE
A-2; RESTAURANT	NEW GROUND UP BUILDING FOR THE UPFIT OF A QUICK SERVE RESTAURANT.

CH5 - GENERAL BUILDING HEIGHTS & AREAS

OCCUPANY CLASSIFICATION	A-2
ALLOWABLE BUILDING HEIGHT	40'-0"
BUILDING HEIGHT	19'-4"
At = BASIC ALLOWABLE AREA - BASED ON OCCUPANCY	At = 6,000 SQ FT.
PROPOSED BUILDING AREA	2,400 SQ. FT.

CH6 - TYPES OF CONSTRUCTION

FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS		
BUILDING ELEMENT		**FIRE RATING REQUIRED**
PRIMARY STRUCTURAL FRAME		0 HOUR
BEARING WALLS	EXTERIOR	0 HOUR
	INTERIOR	0 HOUR
NON-BEARING WALLS	EXTERIOR	0 HOUR
NON-BEARING WALLS AND PARTITIONS	INTERIOR	0 HOUR
FLOOR CONSTRUCTION		0 HOUR
ROOF CONSTRUCTION		0 HOUR

CH8 - INTERIOR FINISHES

TYPE OF SPACE	FINISH CLASSIFICATION
INTERIOR EXIT PASSAGEWAYS	A
CORRIDORS AND ENCLOSURE FOR EXIT ACCESS STAIRS	A
ROOMS AND ENCLOSED SPACES	B

ENERGY CODE

CLIMATE ZONE/ COUNTY:	5A / HAMILTON COUNTY
ROOF, ABOVE DECK:	R-20.0ci
WALLS, ABOVE GRADE:	R-20
SLAB-ON-GRADE:	NO RATING
OPAQUE SWINGING DOORS:	U-0.700
FIXED FENESTRATION:	U-0.45
ENTRANCE DOORS:	U-0.080

CH9 - FIRE PROTECTION & LIFE SAFETY

SPRINKLER SYSTEM:	NON-SPRINKLERED
COMMENTS:	AUTOMATIC SPRINKLER SYSTEM NOT REQUIRED AS THE FIRE AREA DOES NOT EXCEED 5,000 SQ. FT. (464 M2). THE FIRE AREA HAS LESS THAN 100 TOTAL OCCUPANTS. THE FIRE AREA IS ONLY LOCATED ON GRADE LEVEL
FIRE ALARM:	NOT REQUIRED
FIRE EXTINGUISHERS:	GC TO COORDINATE FINAL LOCATIONS WITH FIRE MARSHAL PRIOR TO INSTALLATION

CH10 - MEANS OF EGRESS

FUNCTION OF SPACE	SQUARE FOOTAGE	LOAD FACTOR	OCCUPANT LOAD
STANDING SPACE	86	5 SF (NET)	18
FIXED SEATING	18 SEATS	1 SEAT/OCC.	18
FIXED SEATING - BOOTHS	260"	24" BOOTH LENGTH/ OCC..	11
KITCHEN (COMM.)	1,220	200 SF (GROSS)	7
BUSINESS AREA	49	100 SF (GROSS)	1
		POSTED OCCUPANT LOAD:	55

RESTAURANT SEATING COUNT	
INTERIOR SEATING COUNT	29
EXTERIOR (PATIO) SEATING COUNT	20
TOTAL SEATING COUNT	49

EGRESS REQUIREMENTS				
	FACTOR	OCC. LOAD	REQ'D WIDTH	PROP. WIDTH
EXIT DOORS	0.2	55	36"	142"
EXITS PER OCC. LOAD	2 REQUIRED		3 PROVIDED	
DIAGONAL DISTANCE OF AREA SERVED			76'-2 1/4"	
REQUIRED EXIT SEPARATION DISTANCE			44'-1 3/4"	
MAXIMUM TRAVEL DISTANCE ALLOWED			200'-0"	
MAXIMUM TRAVEL DISTANCE PROVIDED			51'-10"	
MAXIMUM COMMON PATH OF TRAVEL ALLOWED			75'-0"	
MAXIMUM COMMON PATH OF TRAVEL PROVIDED			18'-10"	
MINIMUM CLEAR EXIT WIDTH ALLOWED			36"	
CLEAR EXIT WIDTH PROVIDED			36"	

CH29 - PLUMBING SYSTEMS

PLUMBING FIXTURE REQUIREMENTS - BASED ON OCCUPANT LOAD = 55 + 20 PATIO SEATS = 75 OCC.

USE GROUP		REQ'D WC	PROP. WC	PROP. URINALS	REQ'D LAVS	PROP. LAVS
A-2	MALE	1	1	0	1	1
	FEMALE	1	1	-	1	1
	NON-GENDER SPECIFIC *	0	0	0	0	0
		REQUIRED FIXTURES		PROPOSED FIXTURES		
	SERVICE SINK	1		1		

LIFE SAFETY LEGEND

MAXIMUM EXIT ACCESS TRAVEL DISTANCE (MINIMUM WIDTH AS INDICATED IN CODE ANALYSIS)

ACCESSIBLE PATH OF EGRESS

0' - 0" - (0' - 0") EXIT ACCESS TRAVEL DISTANCE (COMMON PATH IF APPLIES)

F.E. PROPOSED FIRE EXTINGUISHER LOCATION - GENERAL CONTRACTOR TO VERIFY THE EXACT TYPE, LOCATION(S) AND QUANTITIES WITH THE AUTHORITIES HAVING JURISDICTION PRIOR TO ORDERING AND INSTALLING FIRE EXTINGUISHERS

WALL MOUNTED EXIT SIGN

EGRESS AT DOORS

00 / 0.0" 00" — EGRESS BREAKDOWN: OCCUPANTS SERVED / EXIT WIDTH REQUIRED / EXIT WIDTH PROVIDED

0000 — NUMBER OF OCCUPANTS EGRESSING THROUGH AN EXIT ACCESS DOORWAY

FUNCTION OF SPACE

- ASSEMBLY, UNCONCENTRATED (STANINDING ONLY)
- ASSEMBLY AREA WITH FIXED SEATS
- ASSEMBLY AREA WITH FIXED SEATS (BOOTHS)
- KITCHENS, COMMERCIAL AREA
- BUSINESS AREA
- UNOCCUPIED AREAS (RESTROOMS, UNOCCUPIABLE SPACES, MEANS OF EGRESS)

ABBREVIATIONS

(E)	EXISTING CONSTRUCTION
(N)	NEW CONSTRUCTION
@	AT
AFF	ABOVE FINISH FLOOR
ARCH	ARCHITECT(URAL)
ASS	ALARM SYSTEM SUPPLIER
BD	BOARD
BLDG	BUILDING
CMU	CONCRETE MASONRY UNIT
CO2	CO2 SUPPLIER
CO2AS	CO2 ALARM SUPPLIER
DIM	DIMENSION(S)
EA	EACH
EL	ELEVATION (VERTICAL HEIGHT)
ELEC	ELECTRIC(AL)
ELEV	ELEVATION
EQ	EQUAL
EXT	EXTERIOR
FC	FOR CONSTRUCTION
FRP	FIBERGLASS REINFORCED PANEL
FRT	FIRE RETARDANT-TREATED
GA	GAUGE
GALV	GALVANIZED
GC	GENERAL CONTRACTOR
HES	TENANT'S HVAC EQUIPMENT SUPPLIER
HS	HOOD SUPPLIER
HVAC	HEATING AND VENTILATING
ICP	INITIAL COST PROJECTION
INT	INTERIOR
KES	KITCHEN EQUIPMENT SUPPLIER
MAX	MAXIMUM
MECH	MECHANICAL
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MSS	MUSIC SYSTEMS SUPPLIER
NIC	NOT IN CONTRACT
NO	NUMBER
OC	ON CENTER
OSB	ORIENTED STRAND BOARD
PDC	PROTECT DURING CONSTRUCTION
POS	POINT OF SALE
PREP	PREPARATION
QT	QUARRY TILE
R	RADIUS
RTU	ROOF TOP UNITS
SPS	SODA POP SUPPLIER
SS	SUPPORT SIGNAGE
T	TENANT
TAB	TENANT'S TEST & BALLANCE VENDOR
TBD	TO BE DETERMINED, SEE FIELD REFERENCE MANUAL
TCC	TENANT'S CABLING CONTRACTOR
TEMS	TENANT'S ENERGY MANAGEMENT SYSTEM SUPPLIER
THS	TENANT'S HARDWARE SUPPLIER
TLS	TENANT'S LIGHT/LAMP SUPPLIER
TMB	TENANT'S MENU BOARD SUPPLIER
TMS	TENANT'S MILLWORK SUPPLIER
TP	TENANT'S PHONE SUPPLIER
TPS	TENANT PANELBOARD SUPPLIER
TRS	TENANT'S RAILING SUPPLIER
TS	TENANT'S SAFE SUPPLIER
TSS	TENANT'S SMART SAFE SUPPLIER
TSV	TENANT'S SIGN VENDOR
TUV	TENANT'S UV SUPPLIER
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
UPS	UNINTERRUPTED POWER SUPPLY
VIF	VERIFY IN FIELD
WCS	TENANT'S WALK-IN COOLER SUPPLIER
WHS	WATER HEATER SUPPLIER
Ø	DIAMETER OR ROUND

WILKUS ARCHITECTS

CLIENT:

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2023
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 5081
"146th & HAZEL DELL PARKWAY"
TBD 146th & HAZEL DELL PARKWAY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO. 2023-0238
DRAWN BY RDB, THV
CHECKED BY

ISSUE RECORD:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

REVISIONS:

2	06.12.2024	Revision 2

TITLE:

CODE ANALYSIS - LIFE SAFETY PLAN

SHEET NUMNBER:

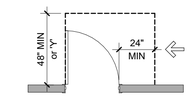
G001

ICC A117.1-2009 : ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES

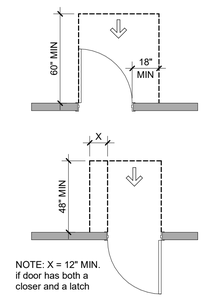
ALL INTERIOR CONSTRUCTION WITHIN THE SCOPE OF THIS PROJECT IS REQUIRED TO BE ACCESSIBLE AS SET FORTH IN THE *ICC A117.1-2009 ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES.* SECTIONS INDICATED ON THIS SHEET REFERENCE THE *2010 ADA STANDARDS FOR ACCESSIBLE DESIGN*, UNLESS NOTED OTHERWISE.

DOORS

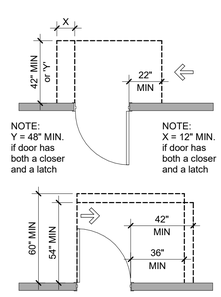
1. Doors, doorways, and gates that are part of an accessible route shall comply with 404.
2. Door openings shall provide a clear width of 32 inches, unless the opening is more than 24 inches deep, in which case the clear width of the opening shall be 36 inches. For swinging doors, the clear width shall be measured between the face of the door and the stop, with the door open 90 degrees.
3. There shall be no projections into the clear opening lower than 34 inches. Projections into the clear opening between 34 inches and 80 inches shall not exceed 4 inches.
4. In accordance with 404.2.3 exception 2, door closers and stops shall be permitted to be a minimum of 78 inches above the floor or ground.
5. Minimum maneuvering clearances at swinging doors shall comply with ICC A117.1-2009 Section 404.2.3, Table 404.2.3.2 and Figure 404.2.3.2.
6. Fire doors shall have a minimum opening force allowable by the appropriate administrative authority.
7. Hinged doors other than fire doors shall have an opening force of 5 pounds maximum.
8. Sliding doors shall have an opening force of 5 pounds maximum.
9. Door and gate surfaces shall comply with 404.2.10.
10. Doors shall be permitted to swing into turning spaces, per 304.4.
11. Two doors in a series shall comply with ICC A117.1-2009 Section 404.2.5 and Figure 404.2.5.



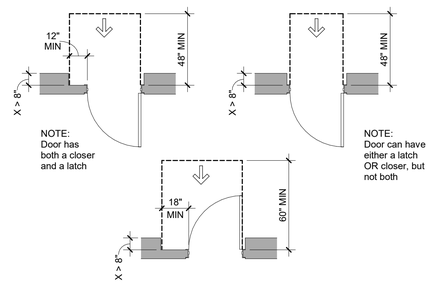
Latch-Side Approaches - Swinging Doors



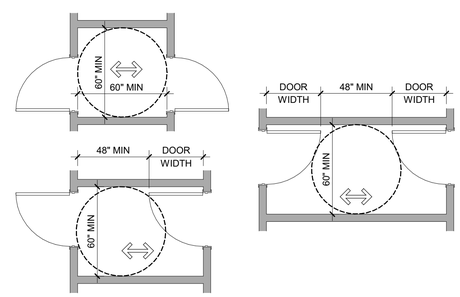
Front Approaches - Swinging Doors



Hinge-Side Approaches - Swinging Doors



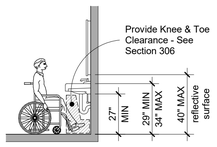
Recessed Doors and Gates



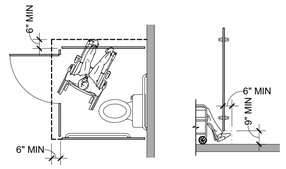
Doors in Series and Gates in Series

RESTROOMS & DRINKING FOUNTAINS

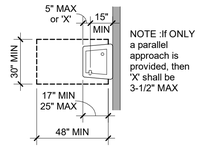
1. Where toilet rooms are provided, each toilet room shall comply with 603.
2. Where toilet compartments are provided, at least one toilet compartment shall comply with 604.8.1. In addition to the compartment required to comply with 604.8.1, at least one compartment shall comply with 604.8.2 where six or more toilet compartments are provided, or where the combination of urinals and water closets totals six or more fixtures.
3. Mirrors located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 40 inches maximum above finish floor or ground. Mirrors not located above lavatories or countertops shall be installed with the bottom edge of the reflecting surface 35 inches maximum above the finish floor or ground.
4. Coat hooks shall be located within one of the reach ranges specified in 308. Shelves shall be located 40 inches minimum and 48 inches maximum above the finish floor.
5. Water closets shall comply with 604.2 through 604.8.
6. Toilet paper dispensers shall comply with ICC A117.1-2009, Chapter 6, Section 604.7 and shall not be located behind grab bars. Dispensers shall not be of a type that controls delivery or that does not allow continuous paper flow.
7. Grab bars shall be provided at water closets and shall comply with ICC A117.1-2009, Chapter 6, Figure 604.5
8. Urinals shall comply with 605 and shall be either wall-hung or stall type urinals.
9. Lavatories shall comply with 606. Faucets for lavatories shall comply with 606.4. Exposed pipes under lavatories shall be insulated or otherwise protected to prevent against contact.
10. Drinking Fountains shall comply with ICC A117.1-2009, Chapter 6, Section 602.2.
11. Toilet paper dispensers shall comply with ICC A117.1-2009, Chapter 6, Figure 604.9.2.
12. Fixed side wall grab bars shall comply with ICC A117.1-2009, Chapter 6, Section 604.5.1.



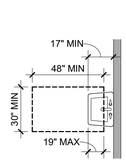
Clearances & Heights at Lavatory



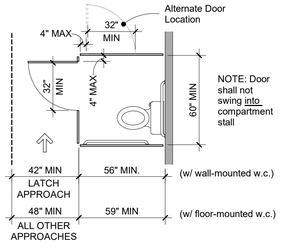
Stall Compartment Toe Clearance



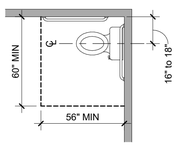
Drinking Fountain Clearance
and Spout Location



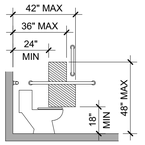
Lavatory Clearance



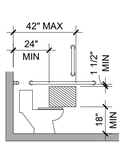
Standard Stall



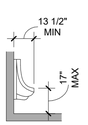
Clear Floor Space and
Water Closet Location



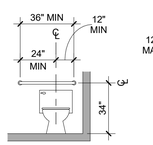
Recessed Toilet Paper
Dispenser Location

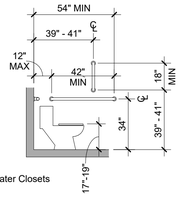


Protruding Toilet Paper
Dispenser Location



Height and Depth of Urinal

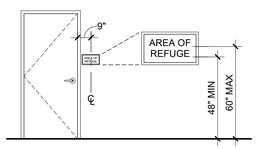


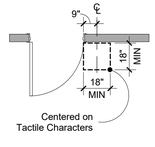


Grab Bars at Water Closets

SIGNAGE

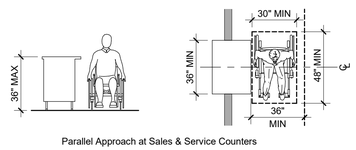
1. Signs shall comply with 703.
2. Signs identifying permanent rooms and spaces shall comply with 703.1, 703.2, and 703.5. Where pictograms are provided as designations of permanent rooms and spaces, the pictograms shall comply with 703.6 and shall have text descriptors complying with 703.2 and 703.5.
3. Signs that provide direction to or information about spaces and facilities shall comply with 703.5.
4. Where more than one check-out aisle is provided, check-out aisles complying with 904.3 shall be identified by the International Symbol of Accessibility complying with 703.7.2.1. Where check-out aisles are identified by numbers, letters, or functions, signs identifying check-out aisles complying with 904.3 shall be located in the same location as the check-out aisle identification.





FOODSERVICE LINES, TABLEWARE AREAS & CHECKOUT AISLES

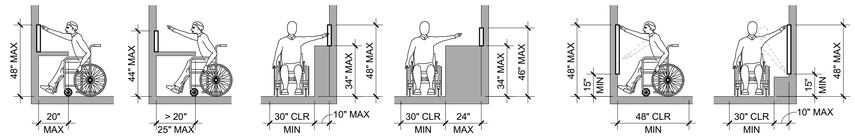
1. Where check-out aisles are provided, check-out aisles shall comply with 904.3 and be dispersed.
2. Where provided, at least one of each type of sales counter and service counter shall comply with 904.4. Where counters are dispersed throughout the building or facility, counters complying with 904.4 also shall be dispersed.
3. Food service lines shall comply with 904.5. Where self-service shelves are provided, at least 50 percent, but no fewer than one, of each type provided shall comply with 308.
4. Queues and waiting lines servicing counters or check-out aisles required to comply with 904.3 or 904.4 shall comply with 403.
5. Check-out aisles and sales and service counters shall comply with the applicable requirements of 904.
6. All points of counters required to comply with 904 shall be located adjacent to a walking surface complying with 403.



Parallel Approach at Sales & Service Counters

REACH RANGES, CONTROLS & OPERATING MECHANISMS

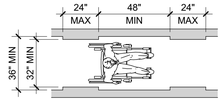
1. Reach ranges shall comply with 308.
2. Operable parts shall comply with 309 and shall be placed within one or more of the reach ranges specified in 308.
3. In accordance with 309.4, operable parts shall be operable with one hand and shall not require tight grasping, pinching, or twisting of the wrist. The force required to activate operable parts shall be 5 pounds maximum.



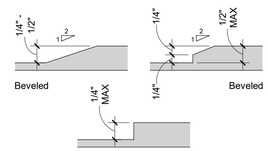
Obstructed Forward Reach | Obstructed Side Reach | Unobstructed Forward Reach | Unobstructed Side Reach

PATH OF TRAVEL

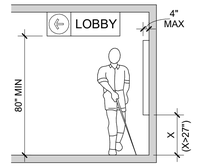
1. The running slopes of walking surfaces that are part of an accessible route shall not be steeper than 1:20 with a cross slope that is not steeper than 1:48.
2. Changes in level shall comply with ICC A117.1-2009 Section 303.
3. The clear width of walking surfaces on an accessible route shall comply with 403.5.1.
4. The clear width at turns along an accessible route shall comply with 403.5.2.
5. In accordance with 403.5.3, an accessible route with a clear width of less than 60 inches shall provide passing spaces at intervals of 200 feet.



Clear Width of an Accessible Route



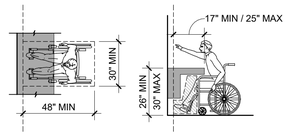
Vertical | Changes in Level



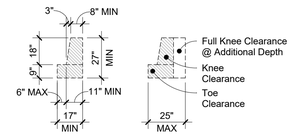
Walking Parallel To A Wall

SEATING AT TABLES & COUNTERS

1. Where dining surfaces are provided for the consumption of food and drink, at least 5 percent of the seating spaces and standing spaces at the dining surfaces shall comply with 902. In addition, where work surfaces are provided for use by other than employees, at least 5 percent shall comply with 902. Confirm actual seat counts with Table 221.2.1
2. Dining surfaces and work surfaces required to comply with 902 shall be dispersed throughout the space or facility containing dining surfaces and work surfaces.
3. Dining surfaces and work surfaces shall comply with 902.2 and 903.3.

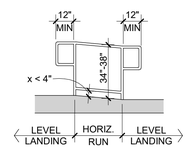


Toe and Knee Clearances

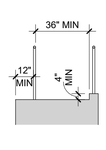


STAIRS AND RAMPS

1. Ramps on accessible routes shall comply with 405.
2. Ramp runs shall have a running slope not steeper than 1:12 with a cross slope not steeper than 1:48.
3. The clear width of a ramp run or (where handrails are provided) the clear width between handrails shall be 36 inches minimum.
4. The rise for any ramp run shall be 30 inches maximum.
5. Ramps shall have landings at the top and the bottom of each ramp run complying with 405.7.
6. Ramps with a rise greater than 6 inches shall have handrails complying with 505.
7. Edge protection complying with 405.9.1 or 405.9.2. shall be provided on each side of ramp runs and each side of ramp landings.
8. Stairs that are part of a means of egress shall comply with 504.
9. All steps on a flight of accessible stairs shall have uniform riser heights and uniform tread depths. Risers shall be between 4 inches and 7 inches in height. Treads shall be 11 inches deep minimum.
10. Open risers are not permitted.
11. Nosings in steps shall comply with 504.5.
12. Stairway handrails shall comply with 505.



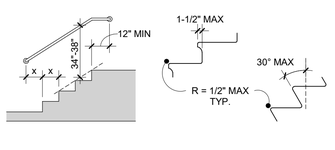
Handrail Location with
Barrier Edge Protection



Handrail Location with
Alternate Edge Protection

SLOPE	MAX. RISE
1:12 MIN.	30"
1:12 to 1:10	6"
1:10 to 1:08 MAX.	3"

**Only for Existing Sites, Buildings and Facilities*



NOTE: x = tread depth | curved or beveled nosing | angled riser

Handrail Location | Stair Nosings

WILKUS ARCHITECTS

CLIENT:

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2023
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 5081
"146th & HAZEL DELL PARKWAY"
TBD 146th & HAZEL DELL PARKWAY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO. 2023-0238
DRAWN BY RDB, THV
CHECKED BY

ISSUE RECORD:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

REVISIONS:

TITLE:
ACCESSIBILITY STANDARDS

SHEET NUMNBER:
G002

DIVISION 1 - GENERAL REQUIREMENTS

SECTION 01100 - SUMMARY

1.1 Contract Documents:

A. Contractor shall use the following Tenant provided documents in the negotiation and execution of the Work. Contact Tenant's office for copies of these documents:
1. Chipotle Instructions to Bidders.
2. Construction Contract for Chipotle Mexican Grill.

B. Definitions:
1. The term "Owner" used in these documents refers to the building Owner/Landlord.
2. The term "Tenant" used in these documents refer to the restaurant Tenant, Chipotle Mexican Grill, Inc.
3. The term "Contractor" used in these documents refers to the entity responsible for performing the Work under Construction Contract for Chipotle Mexican Grill.

1.2 Scope of Work:

A. The Work shall include construction of the site and building facilities as shown and specified in these Specifications and Drawings.

B. When required and necessary, the Tenant will provide a subsurface exploration report as an attachment the bidding documents.

SECTION 01300 - ADMINISTRATIVE REQUIREMENTS

1.1 Coordination:

A. Immediately inform the Architect of discrepancies between the information indicated in the Contract Documents and existing project conditions, and of discrepancies between information indicated on the architectural, structural, mechanical, plumbing and electrical documents.

B. Prior to fabrication and installation of new components, field verify all existing and new dimensions and installation conditions that may affect the Work. Do not scale the drawings to establish locations of items that are not located using dimensions.
1. All dimensions are to rough face of stud or centerline of structure, unless otherwise indicated.
2. Verify that all Subcontractors have reviewed and coordinated locations of their equipment and furnishings exposed to view with the architectural drawings. Review questions with the Architect.

C. Coordinate new work indicated on the Contract Documents with new work that may be provided by the Owner and Tenant under separate contracts.

D. Coordinate the work of Vendors, Contractors and Subcontractors providing fixtures, furniture and equipment identified as "by Tenant" in these drawings and specifications.
1. Notify the Tenant in timely fashion if any problems develop with the performance of these Vendors, Contractors or Subcontractors.

E. Coordinate the scheduling, sequencing, and the work of all trades and Subcontractors to assure efficient and orderly sequences of installation of interdependent construction elements.

F. Verify that the utility requirement characteristics of operating equipment are compatible with the building utility services. Coordinate work of the various specification sections having interdependent responsibilities for installing, connecting to, and placing in service such equipment.

G. Coordinate the installation and physical space requirements of plumbing, mechanical and electrical work that are indicated diagrammatically on the drawings. Follow routing shown for piping, ducts and conduit as closely as practical. Install runs parallel with and perpendicular to the line of the building. Utilize spaces as efficiently as possible to maximize accessibility for other work installation and for maintenance and for repair.
1. Conceal piping, ducts and conduit within the construction, except as otherwise indicated.
2. Coordinate locations of registers, fixtures and outlets with finish elements.

H. Coordinate completion and cleanup work of all trades and Subcontractors in preparation for Substantial Completion.

I. To minimize disruption of Tenant's activities after Tenant occupancy of the property, coordinate access to the property with the Tenant's Construction Manager for correction of defective work and work not in accordance with the Contract Documents.

1.2 Submittals:

A. Only when indicated in the specifications or drawings submit shop drawings, product data, and/or samples to the Architect, Design Manager, and Development Analyst for review. All submittals shall be made directly to the Architect by the general contractor. Only submittals for specified products will be accepted unless prior approval has been obtained for a substitution (refer to Section 01630).

Shop drawings: Submit electronic copies of each sheet of drawings. Shop drawings are original drawings prepared by the subcontractor or vendor for the purpose of conveying information to the Architect and/or Engineer on how a building element or product will be constructed in sufficient detail for the Architect and/or Engineer to determine compliance with the design intent.

In all cases one copy of the submittal shall be returned to the General Contractor. Electronic submittals for shop drawing or product data in either PDF or DWF format are acceptable for review. All submittals, regardless of format, must bear the General Contractor's stamp indicating the submittal has been reviewed and approved. Any submittal not meeting the requirements set forth will be rejected by the Architect.

Submittals shall be made with respect to the construction schedule to allow for adequate review time: allow (5) business days for review of submittals for any structural steel, canopies and trusses and allow (3) business days for review of submittals in all other divisions. Review timeline will commence from the time the submittal with General Contractor's approval stamp is received by the Architect, Design Manager, and Development Analyst.

1.3 Requests For Information

A. In the event that the general contractor, or a subcontractor, at any tier, determines that some portion of the drawings, specifications, or other contract documents requires a clarification or interpretation by the architect, the general contractor shall submit a Request For Information in writing to the architect in an electronic copy.

Requests for Information may only be submitted by the general contractor and may only be submitted to the architect. The general contractor shall clearly and concisely set forth the issue for which clarification or interpretation is sought and why a response is needed from the architect or the architect's consultants. In the Request for Information, the general contractor shall set forth an interpretation or understanding of the requirement along with an explanation of why such an understanding was reached.

B. The architect will review all Requests for Information to determine whether they are Requests for Information within the meaning of this term. If the architect determines that the document is not a request for information, it will be returned to the general contractor, un-reviewed as to content, for re-submittal in the proper form and in the proper manner.

Responses to Requests for Information shall be issued upon receipt, but no later that five (5) working days of receipt of the Request from the general contractor; unless the architect determines that a longer amount of time is necessary to provide an adequate response. If a longer amount of time is determined necessary by the architect, the architect will, within five (5) working days of receipt of the Request, notify the general contractor of the anticipated response time. If the general contractor submits a Request for Information on an activity with five (5) working days or less of float on the current project schedule the general contractor shall not be entitled to any time extension due to the time it takes the architect to respond to the Request provided that the architect responds within the parameters set forth above.

C. Responses to Requests for Information from the architect will not change any requirements of the contract documents. In the event that the general contractor believes that a response to a Request For Information will cause a change to the requirements of the contract documents, the general contractor shall immediately give written notice to the architect and the tenant stating that the general contractor considers the response to be a Change Order. Failure to give such written notice immediately shall waive the general contractor's (or any subcontractor's) right to seek additional time or cost under the Administrative Requirements of these contract documents.

SECTION 01400 - QUALITY REQUIREMENTS

1.1 Regulatory Requirements:

A. Perform all work in accordance with applicable local, state, and federal building codes, plumbing codes, mechanical codes, electrical codes, ordinances and rules and regulations governing food service establishments.

B. Comply with local, state and federal requirements governing accessibility.

C. Obtain all required demolition and erosion control permits required by authorities having jurisdiction.

1.2 Quality Control:

A. Maintain quality control over manufacturers, suppliers, products, services, site conditions and workmanship, to produce work of specified quality.

B. Comply with manufacturer's instructions and applicable trade standards.

C. Handle, install, connect, clean, condition and adjust products in strict accordance with manufacturer's instructions and complying with specified requirements.
1. Request clarification from the Architect before proceeding, where manufacturer's instructions conflict with the Contract Documents.

D. Comply with specified standards as a minimum quality for the Work, except when more stringent tolerances, codes or specified requirements indicate higher standards or more precise workmanship.

E. Perform work by persons qualified to produce workmanship of the specified quality. Secure products in place with positive anchorage devices designed, sized and installed to withstand stress, vibration, physical distortion or disfigurement.

F. All dimensions shall be considered "hold-to" dimensions unless indicated otherwise (e.g. minimum or maximum dimensions.)

1.3 Testing:

A. Employ and pay for the services of an independent testing laboratory to perform inspections, tests and other services when required.

B. Include inspection and tests as indicated in the specification sections, drawings, and as required by authorities having jurisdiction.
1. Test concrete in accordance with Section 03300 and drawing requirements.
2. Test structural steel in accordance with Section 05110 and drawing requirements.

SECTION 01500 - TEMPORARY FACILITIES AND CONTROLS

1.1 Provide temporary facilities and controls as shown and specified:

A. Codes and Standards: Provide temporary construction facilities and controls complying with all applicable local, State and Federal local laws, regulations and codes and utility company requirements.

B. Temporary Heating, Ventilating and Cooling:
1. Provide, pay for and maintain all temporary heating, ventilating and cooling equipment and facilities required during the progress of the work to protect materials, finished work, and equipment against damage from low and high temperatures and humidity.
2. Provide temporary heating, ventilating and cooling when the outside temperature and humidity is low/high enough to damage or affect in any way the performance or quality of material and product stored in the building, in any temporary storage area, or any material or product incorporated into the work.
3. Provide temporary heating, ventilating and cooling when the outside temperature and humidity is low/high enough to significantly slow or hamper effectiveness of workers and to provide suitable working conditions.

C. Temporary Electrical Lighting and Power:
1. Provide, pay for and maintain all temporary electrical service for lighting and power required during the progress of the work. Include all necessary wiring, fuses, disconnect switches, safety devices, junction boxes, panels, ground fault protections, and transformer if required. Include cost for providing temporary electric generators in the Contract Sum, if temporary electric service is not available for use during progress of the work.
2. Temporary service and lighting and power items and installations shall conform to the requirements of the NFPA National Electric Code and OSHA Occupational Safety and Health Act of 1970.

D. Water: Provide, pay for and maintain all temporary water required during the progress of the work. Include all necessary storage tanks, piping, valves, fittings, hose and hose connections during construction and testing.

E. Temporary Toilets: Provide, pay for and maintain temporary toilet facilities for use by the Contractor, Contractor's employees and all Subcontractors and Subcontractors' employees. Comply with all local requirements for installation, use and maintenance of temporary toilet facilities.

F. Barriers and Enclosures:
1. Provide temporary construction barriers in accordance with project requirements. Exercise all necessary precautions to protect adjacent properties, outside project contact limits, during progress of the work. Take special precautions to avoid damage to existing overhead and underground utilities and services owned or operated by the Owner or by public or private utility companies.
2. Provide temporary weather-tight enclosures at exterior openings to provide acceptable working conditions and protection of materials and to allow for temporary heating, ventilating and cooling.

G. Field Office, Telephone and Email:
1. Provide and maintain a temporary field office at the project site during progress of the work. A designated area within the existing building will be available for use as a temporary field office. Verify area size and location with the Tenant.
2. Maintain copies of permits, approved shop drawings, specifications, addenda and record documents at field office.
3. Provide temporary telephone service and internet service with email and photo capabilities to field office throughout progress of the work.
4. Provide weekly photographic documentation of project progression to Tenant.

H. Safety and Security
1. Provide and maintain all necessary safety provisions for protection and safety of the project work, workers and general public.
2. Provide and maintain operable fire extinguishing devices in well-marked, accessible locations throughout the project. Provide types, quantities and locations in compliance with governing codes and ordinances.
3. Provide all necessary security barriers and enclosures to protect the work and Tenant's operations from unauthorized entry of persons, vandalism and theft. Provide doors, when required, with self-closing hardware and locks.

I. Cleaning
1. During Construction: Provide an approved on-site container for the use of all Contractors and Subcontractors for the collection of waste materials, debris and rubbish. Execute periodic cleaning to keep the work, the site and adjacent properties free from accumulations of waste materials, rubbish and windblown debris, resulting from construction operations. Remove crates and cartons in which materials, equipment, or fixtures are received to on-site containers daily.
   a. Maintain the property in a clean and orderly condition. Remove waste materials, debris and rubbish from the site on a daily basis and dispose of at legal disposal areas away from the site.
2. Dust Control:
   a. Remove debris and rubbish from pipe chases, plenums and other similar closed or remote spaces prior to covering or enclosing the space.
   b. Sweep and vacuum clean interior surfaces before start of surface finishing and painting. Continue cleaning on an as-needed basis until finishing and painting is completed.
   c. Cleaning operations shall be acceptable to the Tenant's Construction Manager.

SECTION 01630 - SUBSTITUTIONS

1.1 General:

A. Products, including materials, equipment and systems described in the Contract Documents establish the standards of required function, dimension, appearance, quality and performance of the Work. Base all bids on the "Standards" indicated.

B. Requests by the Contractor for changes in products, manufacturers, fabricators, suppliers, installers, and methods of construction required by the Contract Documents are considered requests for "substitutions:" Substitutions will be considered only under the following conditions:
1. The indicated "Standard" cannot be provided within the Contract Time
2. The indicated "Standard" cannot receive necessary approval by the governing authority.
3. A substantial advantage is offered the Owner, in terms of cost, time, energy conservation or other considerations of merit as determined by the Architect.

C. Submit each request for substitution to the Architect. Identify the product, manufacturer, fabricator, supplier, installer or the fabrication or installation method to be replaced in each request. Identify related Specification Section and Drawing numbers. Provide documentation as directed by the Architect.

D. Substitutions will not be considered when indicated on shop drawings or product data submittals without separate written request, when requested directly by subcontractor, manufacturer, fabricator, or supplier, or when acceptance will require substantial revision of the Contract Documents.

E. Substitute products, manufacturers, fabricators, suppliers, and installers shall not be used for the Project without Tenant and Architect's written acceptance.

SECTION 01700 - EXECUTION REQUIREMENTS

1.1 Preparation:

A. Protection of existing construction: Use all necessary care and appropriate means and methods to protect and prevent damage to existing construction and property not part of the Contract Work. Repair and refinish or replace construction an property damaged during construction work, at Contractor's expense.

1.2 Selective Demolition: Provide selective demolition as shown and specified.

A. Preparation:
1. Coordinate work of this Section with work of various Contractors and Tenant's staff.
2. Maintain protected access at all times.
3. Erect and maintain weatherproof closures at exterior openings.
4. Erect and maintain dust-proof interior partitions to prevent spread of dust or fumes.
5. Erect and maintain barricades, enclosures, bracing, shoring, lights, warning signs and guards necessary for worker and public safety and protection of property.
6. Disconnect, remove and cap designated utility services. Identify and mark locations of disconnected and capped utilities at the project site and on Project Record Documents.
7. Notify and coordinate with the Tenant's Construction Manager and the building Owner for any demolition occurring outside the lease limit.
8. Coordinate hours of operation and construction access with the Tenant's Construction Manager and the building Owner.

B. Selective Demolition
1. Remove existing construction to accommodate new construction as indicated.
2. Perform selective demolition in an orderly, systematic and careful manner with least possible disturbance to public and adjacent property. Use of explosives is prohibited.
3. Immediately remove from the site and legally dispose of demolished materials, except as indicated otherwise. Do not burn or bury materials on the project site.

1.3 Cleaning

A. Final Cleaning: Perform final cleaning upon completion of project work.
1. Remove waste and surplus materials, rubbish, tools, equipment and temporary construction facilities from the site.
2. Clean exterior grounds; remove stains, spills and foreign materials from paved areas, power wash and sweep clean. Rake clean landscaped surfaces of the grounds.
3. Remove temporary protection and labels not required to remain.
4. Clean all finished surfaces. Remove grease, mastic, adhesives, dust, dirt, stains, fingerprints, labels and other foreign materials from exposed interior and exterior surfaces.
   a. Clean all plumbing, fire protection and electrical fixtures and equipment including ceiling area elevated ductwork and lighting fixtures.
   b. Clean permanent equipment filters and replace temporary disposable filters in mechanical units used during construction.
   c. Clean ducts, blowers and coils if mechanical units were operated without filters during construction.
5. Clean interior and exterior glazing and mirrors, polish transparent and glossy surfaces and clean floors with appropriate materials and equipment.
6. Remove waste, foreign material and debris from roofs, areaways and drainage systems.
7. Before Tenant occupancy, conduct an inspection, with the Tenant, of exposed interior and exterior surfaces at all work areas, to verify that the entire work is clean.

1.4 Starting and Adjusting:

A. Prior to Substantial Completion, coordinate the start-up, test and balance, placement in operation and adjustment all systems, controls and equipment to verify proper operation. All systems shall be complete and operating prior to final inspection.

1.5 Contract Closeout:

A. Operation and Maintenance Data: Submit one operation and maintenance manual, bound in 8-1/2" x 11" text pages, three D side ring capacity expansion binders with durable plastic covers.
1. Subdivide the binder contents internally with permanent dividers logically organized as described below. Provide tab titles clearly printed under reinforced laminated plastic tabs.
2. Provide a table of contents with each product or system description identified.
3. Provide a directory listing names, addresses, and telephone numbers of the project Architect/Engineer, Contractor, Subcontractors and major equipment suppliers.
4. Prepare operations and maintenance instructions arranged by system and subdivided by specification section. Identify names, addresses, and telephone numbers of project Subcontractors and suppliers. For each category, identify the following:
   a. Significant design criteria.
   b. List of equipment.
   c. Parts list for each component.
   d. Operating instructions.
   e. Maintenance instructions for each equipment item and systems.
   f. Maintenance instructions for special finishes, including recommended cleaning methods and materials and special precautions for identifying detrimental agents.
5. Submit operations and maintenance data to the Tenant with final application for payment in accordance with Exhibit C of the Construction Contract.

B. Record/As Built Documents:
1. Prepare and maintain on site one set of the following record/as built documents:
   a. Contract Documents.
   b. Construction Documents.
   c. Change orders and other modifications to the Contract.
   d. Shop drawings, product data, and samples.
   e. Construction schedule.
2. Store record/as built documents separate from documents used for construction.
3. Record actual revisions to the Work, concurrently with construction progress.
4. Legibly mark and record a description of actual products installed at each specification section, including the following:
   a. Manufacturer's name and product model and number.
   b. Approved product substitutions or alternates utilized.
   c. Changes made by addenda, change orders, and other modifications.
5. Legibly mark each item to record actual construction, including the following:
   a. Measured depths of foundations in relation to finish first main floor datum.
   b. Measured horizontal and vertical locations of underground utilities and appurtenances, referenced to permanent surface improvements.
   c. Measured locations of internal utilities and appurtenances concealed in construction, referenced to visible and accessible features of the work.
   d. Field changes of dimension and detail.
   e. Details not on original Contract Document drawings.
6. Submit record/as built documents to the Tenant with final application for payment in accordance with Exhibit C of the Construction Contract.

C. Warranties and Bonds:
1. Compile warranties and bonds required by the Contract Documents.
2. Submit duplicate copies of warranties and bonds to the Tenant with final application for payment in accordance with Exhibit C of the Construction Contract.

D. Maintenance Materials and Spare Parts:
1. Provide extra maintenance materials and spare parts in quantities indicated in the specification sections.
2. Place in location as directed by the Tenant's Construction Manager.

DIVISION 2 - SITE CONSTRUCTION

1.1 General: Provide site construction work, including services, utilities, earthwork, paving and landscaping in accordance with the site construction work drawings and details.

2.1 Materials:

A. Stencils for pavement markings: Pavement Stencil Comapny, P: (800) 250-5547, stencils@pavementstencil.com

DIVISION 3 - CONCRETE

SECTION 03300 - CAST-IN-PLACE CONCRETE

1.1 General: Provide cast-in-place concrete work in accordance with the General Structural Notes, structural drawing and details. Follow shell building documents for specifications, joints and geotech.

A. Standards: Materials and construction shall conform to the following:
1. ACI 117 "Standard Tolerances for Concrete Construction and Materials."
2. ACI 301 "Structural Concrete for Buildings."
3. ACI 305R "Recommended Practice for Hot Weather Concreting."
4. ACI 306R "Recommended Practice for Cold Weather Concreting."
5. ACI 315 "Details and Detailing of Concrete Reinforcement."
6. ACI 318 "Building Code Requirements for Reinforced Concrete."

2.1 Materials:

A. Under Slab Vapor Retarder: Stego Industries LLC, 877-464-7834, internet www.stegoindustries.com high density polyethylene Stego Wrap (10 mil) Vapor Barrier meeting or exceeding ASTM E1745 performance criteria for Class C vapor retarders.
1. Seam Tape: High density polyethylene tape with pressure sensitive adhesive.
2. Pipe boots: Shop or site fabricated from vapor retarder material and seam tape.

B. Concrete:
1. Portland Cement: ASTM C150, Type I
2. Aggregate: ASTM C33.
3. Water: Clean and potable.
4. Reinforcement: When required, comply with drawings reinforcement requirements.
5. Compressive Strength: Minimum 3000 psi at 28 days.
6. Admixtures: All admixtures shall be approved by the Tenant's Construction Manager prior to placement in the concrete mix.

C. Topping Concrete: When required to suit installation conditions, Ardex Diama-Top of Ardex Engineered Cements (888) 512-7339, internet www.ardex.com
1. ULTRAFLOR ARDEX DIAMA-TOP, self-leveling concrete repair material.
2. Any pinholes that need to be filled shall be filled with ARDEX DIAMA-FILL filling compound for polished concrete, concrete terrazzo and other cementitious wear surfaces applied at the appropriate time during the polishing process.
3. The primer for areas to receive ARDEX DIAMA-TOP will be ARDEX EP 2000 Substrate Preparation Epoxy.
4. Installation shall be performed by factory-trained professional applicators in strict accordance with manufacturer's installation instructions.

3.1 Installation

A. Vapor Retarder: Place, protect and repair vapor retarder sheets in accordance with ASTM E1643 and manufacturer's installation instructions.
1. Provide a single layer of vapor retarder material over level compacted slab base.
2. Lap joints and seams 6 inches and seal with seam tape.
3. Seal all penetrations and repair damaged areas before concrete placement.

B. Reinforcement Place and inspect all reinforcing steel before concrete is placed.

C. Concrete Placement:
1. Place cast-in-place concrete in accordance with ACI 301 and ACI 305R and 306R recommended practices for hot weather and cold weather concreting. Do not place concrete when temperature is below 40 degrees F.
2. Wet cure concrete in accordance with ACI 301, using moist curing or moisture-retaining covers

D. Finish: Except where additional floor finish is scheduled, provide a smooth steel trowel finish.
1. Exposed concrete used as a finish floor surface shall have a smooth finished surface, uniform in texture and appearance and free of trowel marks and other defects affecting ease of maintenance.
2. Grind smooth surface defects as directed by the Tenant's Construction Manager.

E. Testing: When required, comply with drawings and specification sections testing requirements.

F. Topping Concrete: Prepare concrete floor slab substrate surfaces, prime substrate surfaces, mix, install and finish topping concrete in accordance with manufacturer's application instructions.

SECTION 033600 - RESINOUS FLOORING

1.1 General: Section includes: Decorative resinous flooring systems.

1.2 System Description:

A. Performance Requirements: Provide resinous flooring that has been manufactured and installed to maintain performance criteria stated by manufacturer without defects, damage or failure.
B. Alternate Flooring Options as approved by CMG DM: AlFlooring TerraQuartz (color: salt & pepper) -or- AlFlooring TerraSeal (color: medium grey)

1.3 Quality Assurance:

A. Qualifications:
1. Installer Qualifications: Installer experienced in performing work of this section who has specialized in installation of work similar to that required for this project.
   a. Installer shall be an established company with at least 3 years experience in the installation of polymer floors.
   b. Contractor shall demonstrate the ability to undertake and complete the required work and furnish documentation regarding the successful completion of projects of similar size and complexity.
2. Manufacturer Qualifications: Manufacturer shall be capable of providing technical support, qualified applicators, and approval of application methods.

B. Pre-installation Meetings: Conduct a pre-installation meeting to verify flooring system specifications (color, texture, etc.), substrate analysis, and manufacturer's installation instructions.

C. Pre-installation Testing: Conduct pre-installation testing as follows:
1. Water Vapor Transmission: Calcium Chloride tests should be conducted to determine the amount of water vapor coming through the slab. The results should be compared to limitations set forth by the manufacturer.
2. Core Sample Testing: (optional) Core samples should be taken and analyzed if the installer believes there to be a problem with the integrity of the substrate that may affect flooring system performance.

1.4 Delivery, Storage & Handling:

A. Ordering: Comply with manufacturer's ordering procedures and allow for enough lead-time for custom blends so as not to interfere with construction schedules.

B. Delivery: Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.

C. Storage and Protection: Store materials where they are protected from direct sunlight and harmful weather conditions. Meet manufacturer's condition for temperature, humidity, etc.

1.5 Project Conditions:

A. Environmental Requirements/Conditions: Substrate and ambient air temperatures shall be in accordance with manufacturer's requirements.

B. Temperature Requirements: Maintain air temperature in spaces where products will be installed for time period before, during and after installation as recommended by manufacturer.

WILKUS ARCHITECTS

CLIENT:

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2023
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 5081
"146th & HAZEL DELL PARKWAY"
TBD 146th & HAZEL DELL PARKWAY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO. 2023-0238
DRAWN BY RDB, THV
CHECKED BY

ISSUE RECORD:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

REVISIONS:

TITLE:
ARCHITECTURAL SPECIFICATIONS

SHEET NUMNBER:
G010

2.1 Materials:

A. Resinous Flooring: Manufacturer: aiflooring
   1. Contact: 1218 West 41st Street, Suite B, Tulsa, Oklahoma 74107. Phone: 918-445-0627

2.1 Flooring System:

A. System Description: Clear, thin film system 18-22 mils thick with texture agent added for slip resistance.
   1. TerraPrime: A 2 component, 100% solids clear polyamide-cured epoxy coating.
   2. TerraThane Satin: A 2 component, 90% solids polyurea clear finish coat.
   3. TerraGrip: A graded, plastic aggregate added to finish coat for slip resistance.

2.3 Product Substitutions:

A. Substitutions: No substitutions permitted.

2.4 Source Quality:

A. Source Quality: Obtain resinous materials, including patching and leveling materials from a single manufacturer.

3.1 Manufacturer's Instructions:

A. Compliance: Comply with manufacturer's product data, including product technical data sheets and application instructions.

3.2 Examination:

A. Site Verifications of Conditions: Verify substrate conditions, which have been previously installed under other sections, are acceptable for product installation in accordance with manufacturer's instructions.
   1. Before applying materials, inspect surfaces to receive new materials and report any unsatisfactory conditions. Absence of any such report shall constitute installer's acceptance of surfaces as satisfactory for installing materials.

3.3. Preparation:

A. Adjacent Surfaces Protection: Protect adjacent work areas and finish surfaces from damage during product installation.

B. Surface Preparation:
   1. Mechanical Cleaning: Concrete floor surfaces receiving polymer flooring systems shall be thoroughly cleaned and prepared by shotblasting and/or diamond grinding.
   2. Patching Damaged Substrate: Holes, voids, static cracks, and other substrate surface defects should be patched and repaired according to manufacturer's recommendations.
   3. Prepare and clean control joints well and fill with an appropriate elastomeric.

3.4 Installation:

A. Resinous Flooring Installation: The following are abbreviated guidelines that should provide for basic application steps for the installation of the systems. Detailed instructions should be obtained from the manufacturer.
   1. Patching: After substrate preparation, surface defects shall be patched according to manufacturer's recommendations.
   2. Priming: Apply aiflooring TerraPrime, 100% solids epoxy primer, at a rate of 125-150 square feet per gallon. Allow 6-12 hours (depending on temperatures) of cure before applying finish coat. Finish coat must be applied within 24 hours of TerraPrime application.
   3. Finish Coat: Apply aiflooring TerraThane Satin, 90% solids polyurea topcoat, at a rate of 200 square feet per gallon. TerraGrip should be added to the TerraThane mix at a rate of 1 pint per 3 gallon kit for slip resistance. Note that TerraThane Satin must be metered out by notched squeegee prior to rolling.

B. Cleaning: Remove temporary coverings and protection of adjacent work areas. Repair or replace damaged installed products. Clean installed products in accordance with manufacturer's instructions prior to Owner's acceptance. Remove construction debris from project site and legally dispose of debris.

3.5 Protection:

A. Protection: Protect installed product and finish surfaces from damage during construction.

SECTION 03395 - CONCRETE SEALING AND POLISHING

1.1 General: Provide a sealed and polished concrete floor finish as shown and specified.

A. Standards
   1. American Society for Testing and Materials:
      a. ASTM-C779, Standard Test Method for Abrasion Resistance of Horizontal Concrete Surfaces.
      b. ASTM G23-81, Ultraviolet Light & Water Spray
      c. ASTMC805, Impact Strength
   2. American Concrete Institute
      a. ACI 302. 1R-89, Guide for Concrete Floor and Slab Construction

B. Submittals: Provide the following:
   1. Manufacturer's product data, specifications and installation instructions. Include Material Safety Data Sheets (MSDS) and identify application requirements, curing time and safety requirements.
   2. Certified test reports, prepared by an independent testing laboratory, confirming compliance with performance criteria.
   3. Manufacturer's certification that installer is a certified applicator of special concrete floor finishes, and familiar with manufacturer's installation procedures and requirements for the specified sealed and polished concrete floor finish.
   4. Manufacturer's and installer's written acceptance of substrate surface and installation conditions.

C. Quality Assurance:
   1. Installer Qualifications:
      a. Use a certified installer and adequate number of skilled workmen who are thoroughly trained and experienced in the necessary craft.
      b. The special concrete finish manufacturer shall certify the applicator.
      c. Applicator shall be familiar with the specified requirements and the methods needed for proper performance of work of this section. Applicator shall have not less than three years successful experience installing sealed and polished floor finishes similar to those required for this project.
      d. Provide a letter of certification from special concrete finish manufacturer stating that installer is a certified applicator and is familiar with proper procedures and installation requirements required by the manufacturer.
   2. Protection: Contractor shall provide all necessary materials, means, methods and procedures acceptable to the floor finish manufacturer and required to protect the concrete floor surface and provide a suitable substrate for the installation of the specified sealed and polished concrete floor finish.

D. Project Conditions:
   1. Comply with the floor finish manufacturer's environmental limitations for substrate temperature and moisture content, ambient temperature, and humidity, ventilation and other conditions affecting the special floor finish performance.
      a. Concrete must have an average Floor Flatness rating of at least 40.
      b. Concrete must have an average Floor Levelness rating of at least 40.
      c. Concrete must be cured a minimum of 28 days or as directed by the manufacturer before application of RetroPlate can begin. Wet cure of the concrete is preferred. No concrete sealer is necessary.
      d. Application of RetroPlate shall take place prior to installation of equipment, thus providing a complete, uninhibited concrete slab for application.
   2. Before general sealer/hardener application, prepare and coat a jobsite test area of size acceptable to the Architect, to verify and approve proper surface preparation, application techniques and coverage rate.
   3. Close finished floor areas to traffic during floor finish application and after application for time period directed by the floor finish manufacturer.
   4. The completed RetroPlated slab will be covered to prevent damage by the other trades during store completion.

2.1 Materials

A. Hardening/ Sealing Agent
   1. RetroPlate 99 manufactured by Advanced Floor Products Inc. (801) 812-3420 www.retroplatesystem.com
   2. RetroGuard Stain Inhibitor
   3. Joint Filler: CreteFill Pro 75. Two component 100% solids non-staining Polyurea Elastomer.
   4. Spall Repair: Multiple minor surface defects and irregularities: Crete Fill Spall Repair: High Strength hybrid urethane, two part 100% solids.
   5. Coefficient of friction for Retroguard finish shall not be lower than .40.
   6. Manufacturer's Representative: Contact Scott Maxfield at RetroPlate for a list of Certified Applicators (888)942-3144 scott.maxfield@retroplatesystem.com

3.1 Installation

A. Surface Conditions
   1. Examine substrate, with installer present, for conditions affecting performance of finish. Correct conditions detrimental to timely and proper work. Do not proceed until unsatisfactory conditions are corrected.
   2. Verify that base slab meets finish and surface profile requirements in Division 3 Section "Cast-In-Place Concrete," and Project Conditions above.
   3. Prior to application, verify that floor surfaces are free of construction latents.

B. Application
The following RetroPlate process will be followed as listed below:
A concrete grinding machine must be used. Please proceed accordingly. The process is as follows:
   1. Floors should be started using 50, 80 or 100 grit diamond pucks depending on the condition of the slab.
   2. Clean the floor using automatic scrubber or comparable.
   3. Grind floor using 200 grit resin diamonds.
   4. Clean the floor using automatic scrubber or comparable.
   5. Apply RetroPlate 99 to floor at 200 sq. ft. per gallon, scrubbing product into the floor and allowing product to soak until turning slick. If it becomes sticky, apply water to the surface as necessary, leaving the product on the floor for at least 60 minutes.
   6. Grind floor using 400 grit resin diamonds.
   7. Clean the floor using automatic scrubber or comparable.
   8. Clean and remove any excess RetroPlate. Let the floor dry overnight.
   9. Continue the polishing process using 800 grit resin diamonds.
   10. Clean the floor using automatic scrubber or comparable.
   11. Alternately, depending on slab condition, grind floor using 1200-1500 grit resin diamonds.
   12. Clean the floor using automatic scrubber or comparable.
   13. The same process will be used for new floors as well as rehab floors. Floor prep for the rehab floors will be separate.
   14. Apply an even coat of RetroGuard Sealer with a brush, roller, or low-pressure sprayer, and when surface is dry, burnish the floor with a black burnishing pad. Apply a second coat of RetroGuard one hour after the initial application, and again burnish the floor with a black burnishing pad.
   15. Do not walk on surface for 12 hours, and do not introduce any water or moisture for at least 48 hours, allowing for proper drying and setting of RetroPlate and RetroGuard. Water will minimize the sealing properties of RetroPlate and RetroGuard.

C. Start any of the floor finish applications in presence of manufacturer's technical representative.

D. Sealing, Hardening and Polishing of Concrete Surface
   1. Concrete must be in place a minimum of 28 days or as directed by the manufacturer before application can begin.
   2. Application is to take place at least 10 days to the prior to racking and other in-store accessory installation, thus providing a complete, uninhibited concrete slab for application.
   3. Only a certified applicator shall apply RetroPlate 99. Procedures must be followed as recommended by the product manufacturer and as required to match approved test sample.
   4. Achieve waterproofing, hardening, dust-proofing, and abrasion resistance of the surface without changing the natural appearance of the concrete, except for the sheen.
   5. Polish to a level 2 shine.

E. Workmanship and Cleaning
   1. The premises shall be kept clean and free of debris at all times.
   2. Remove spatter from adjoining surfaces, as necessary.
   3. Repair damages to surface caused by cleaning operations.
   4. Remove debris from jobsite
      a. Dispose of materials in separate, closed containers in accordance with local regulations.

DIVISION 4 - MASONRY

SECTION 04810 - UNIT MASONRY ASSEMBLIES

1.1 General: Provide unit masonry assemblies as shown and specified.

A. Standards: Materials and construction shall conform to the following:
   1. ACI 530.1-02/ASCE 6-02/TMS 602-02 "Specifications for Masonry Structures."
   2. NCMA "TEK Bulletins."
   3. BIA "Technical Notes on Brick Construction."

2.1 Materials:

A. Concrete Masonry Units (CMU): Size and thickness as shown on drawings.
   1. ASTM C 90, load-bearing, normal weight, natural color CMU, properly cured at time of delivery, linear shrinkage not to exceed 0.065%.
   2. Provide special shapes where required.
   3. Provide exterior wall CMU containing an integral polymeric water-repellent admixture.
      a. Manufacturer: W. R. Grace "Dry-BlockR System Block Admix ".

B. Face Brick:
   1. Manufacturer:
      a. Endicott, (402) 729-3315, www.endicott.com (Iron Spot Brick), or as approved by architect
   2. Type: "Face Brick C216" complying with ASTM C216, Grade SW, Type FBS. No efflorescence when tested in accordance with ASTM C67.
   3. Size: Thin Brick, Modular size, laying three courses to 8" vertically.
   4. Color: "Sienna Ironspot, Smooth" as noted on Exterior Elevations
   5. Provide special shapes where required.

C. Mortar Materials:
   1. Portland cement: ASTM C150, Type I or III, natural color.
   2. Masonry cement: ASTM C91, Type indicated, natural color.
   3. Aggregate: ASTM C144, clean masonry sand.
   4. Water: Clean, fresh and potable.
   5. Provide all exterior wall masonry mortar containing an integral polymeric water-repellent admixture.
      a. Manufacturer W. R. Grace, "Dry-BlockR Integral Water-Repellent Mortar Admixture".

D. Unit Masonry Mortar Mixes: ASTM C270 proportions by volume.
   1. Face brick: Type N mortar.
   2. Dye:
      a. SM #750 "Silverstone" by Spec Mix (Iron Spot)

E. Reinforced Unit Masonry Grout Mixes
   1. Concrete fill: ASTM C94 3,000 psi concrete.

F. Joint Reinforcement, Wall Ties And Anchors: Finish, ASTM A-153 hot-dip galvanized
   1. Manufacturer: Hohman & Barnard, INC.
   2. Horizontal joint reinforcement: Welded ladder type with matching corners and Tee units.
      a. Single Wythe masonry: Standard single 9 gage side and cross rods. H&B - #220 Ladder-Mesh.
   3. Anchoring devices: Provide strap anchors, inserts, bolts and rods of type and size indicated.
      a. CMU to CMU: Strap anchors 1/4" x 1-1/4" x 24" steel with bent ends.
      b. CMU to structural steel: H&B - VBT - Vee Byne-Tie With Plain Steel (Tie) Used In Conjunction With H&B #359 Weld-on Ties (Anchor Rods).
   4. Masonry Veneer To Woof Framing: H&B - DW-10HS Veneer Anchor, With Adjustable 3/16" Cold-Drawn Steel Wire Tie Sections and 14 GA. Screw-On Attachment Plate.
      a. Fasteners: Self-Drilling, Self-Tapping Screws, 1-1/4" X #10, Corrosion-Resistant Coated. Provide Two (2) Screw Fasteners for each Attachment Plate.
   5. Seismic Masonry Veneer to Wood Framing: (When Required) H&B Seismic Plate Pintle HB-213S with HB-213 (T-Lok Tie)
      a. Fasteners: Seld-Drilling, Self-Tapping Screws, 1-1/4" X #10, Corrosion-Resistant Coated. Provide Two (2) Screw Fasteners For Each Attachment Plate.

G. Concealed Masonry Through-Wall Flashing: W. R. Grace "Perm-A-Barrier" self-adhering modified bituminous sheet, 40 mils thick.
   1. Termination Mastic: W.R. Grace "Bituthene Mastic."
   2. Primer: W.R. Grace "Bituthene P-300 Primer."
   3. Termination bars: Extruded aluminum or stainless steel, 1" wide and .098" thick pre-punched at 6" on center, secured with stainless steel drive pins.

H. Accessories
   1. Reinforcing bars: ASTM A615, Grade 60, deformed billet steel bars of sizes indicated.
   2. Wall weeps: Dur-O-Wal D/A 1006 "Cell Vent", clear flexible polypropylene co-polymer.
   3. Compressible joint material: Dur-O-Wal "Rapid Soft-Joint" D/A 2010.
   4. Bond breaker strips: ASTM D226 No. 15 asphalt saturated roofing felt.
   5. Cleaning agents:
      a. Face Brick and CMU: ProSoCo, Inc., "Sure Klean New Masonry Cleaners."
      b. ACMU: ProSoCo, Inc., "Sure Klean Burnished Custom Masonry Cleaner."
   6. Expansion/Control joint sealants: Polyurethane-based, elastomeric joint sealant complying with ASTM C920 and Section 07900 requirements. Color matched to adjacent surfaces.

3.1 Installation

A. Preparation
   1. Wet absorbent face brick masonry units requiring wetting, in accordance with BIA recommendations.
   2. Lay concrete masonry units dry.
   3. Establish, lines, levels and coursing. Ensure ties, anchors and flashing are correctly installed
   4. Mix mortar cementitious materials and aggregate in a mechanical mixer. Add water in amount to provide satisfactory workable consistency of mortar. Retemper mortar as required within two hours of mixing to replace water lost be evaporation. Discard mortar after two and one-half hours of initial mixing. Do not use mortar after it has started to set.

B. Installation - General:
   1. Build walls and other masonry construction to the full thickness shown. Build single wythe walls to the actual thickness of the masonry units, using units of nominal thickness shown.
   2. Cut masonry units using motor-driven masonry saws to provide clean, sharp edges. Cut units to fit adjoining work neatly. Provide 100% solid units where cores would be exposed.
   3. Cold weather construction, hot weather construction, and masonry construction tolerances: Comply with unit masonry standard ACI 530.1/ASCE 6/TMS 602 requirements.

C. Laying Masonry
   1. Layout walls in advance to ensure accurate spacing of surface bond patterns, with uniform joint widths, and to properly locate openings, movement type joints, returns and offsets. Do not use less than half-size units at corners, jambs and other locations.
   2. Lay up walls plumb and true to comply with ACI 530.1 tolerances. Provide square corners and angles, except as otherwise indicated, with courses level, accurately spaced and coordinated with other work.
   3. Pattern bond: Running bond. Do not use units with less than 4" of horizontal face dimensions at corners or jambs.
   4. Lay hollow CMU/ACMU with full mortar coverage on horizontal and vertical face shells. Bed CMU webs in mortar in starting courses. Maintain uniform 3/8" joint widths.
   5. Lay face brick and solid CMU/ACMU with completely filled bed and head joints. Do not slush head joints. Maintain uniform 3/8" joint widths.
   6. Compress and cut joints flush for masonry walls below grade or covered by other materials.
   7. Tool joints in all exposed masonry work to a concave joint.
   8. Provide interlocking masonry bond in each course at corners and intersecting walls.
   9. As the work progresses, build in masonry accessories and related items. Fill in solidly with masonry around built-in items.
      a. Bed hollow metal frame anchors in mortar and fill space between hollow metal frames and masonry solid with fine mortar grout.
      b. Provide solid masonry bearing for all lintels, beams, joists, plates and load-bearing members.
      c. Take particular care to embed all conduits and pipes within concrete masonry without fracturing exposed shells and to fit units around switch, receptacle and other boxes set in walls. Where electric conduit, outlets, switch boxes and similar items occur, grind and cut units before building in services.
      d. Install anchors, plates and related work built into masonry work.
      e. Install reinforcing steel and concrete fill where indicated. Comply with drawing details.
   10. Horizontal joint reinforcing: Provide continuous joint reinforcing at all concrete masonry walls as follows:
      a. In every second block course, 16" on center vertically, full height of wall and every block course where shown on the drawings.
      b. Lap reinforcement a full width at the corners and at intersections or use special fabricated sections.
      c. Fully embed side rods in mortar.
   11. Anchoring masonry work: Provide anchoring devices of the type indicated or required.
   12. Provide vertical expansion, control and isolation joints in masonry where indicated.
      a. When not indicated, at maximum 30'-0" on center.
      b. Locate control joints at points of natural weakness in masonry and acceptable to Architect.
      c. Joint sealant color shall match masonry materials sealed.
   13. Lintels: Install loose steel lintels furnished under structural steel work where shown. Set lintels in full bed of mortar.
   14. Flashing and weeps:
      a. Install concealed through wall masonry flashing at all wall sills, masonry openings in exterior walls with masonry above head, over all horizontal steel members built into masonry and elsewhere as indicated. Provide "drainage wall system" masonry construction.
      b. Provide end dams and positive slope to drain. Extend flashing vertically at least 8" and built into or anchor to back-up with a termination bar for a complete watertight installation.
      c. Flexible Membrane Flashing:
         1.) Install membrane flashing in accordance with manufacturer's installation instructions.
         2.) Fully adhere flashing to substrate.
         3.) Lap flashing joints a minimum of 6", seal and roll with a hand roller.
         4.) Trim bottom edge 1/4" back from exposed face of masonry.
         5.) Seal edges, seams, cuts and penetrations with manufacturer's recommended mastic.
   15. Install weeps in head joints of final course of exterior masonry wythe above flashing. Space weeps maximum of 24" on center horizontally and located to avoid door openings. Install weeps at head joints with outside face of weep material held 1/8" from the finish face of masonry unit.
   16. Install compressible joint material at lintels and horizontal steel members. Build in joint fillers and seal with elastomeric joint sealant.

D. Masonry Veneer Walls:
   1. Metal framed walls: Tie exterior masonry veneer wythe to back-up wall with individual metal ties screwed to metal stud framing.
   2. Space ties 16" on center vertically and horizontally.
   3. Maintain veneer wall cavity free of mortar droppings during masonry installation.

E. Parging:
   1. Dampen masonry walls prior to parging.
   2. Scarify each parging coat to ensure full bond to subsequent coat.
   3. Parge masonry walls in two uniform coats of mortar to a total thickness of 3/4 inch (19mm).
   4. Steel trowel surface smooth abs flat with a maximum surface variation of 1/8 inch per foot (1mm/meter).

F. Architectural Concrete Masonry Units: Install ACMU in accordance with the manufacturer's installation instructions and the following:
   1. Draw ACMU from more than one pallet at a time during installation.

G. Reinforced Concrete Masonry
   1. Reinforce and fill CMU/ACMU wall and column masonry where indicated. Fill all cores solid with concrete fill. Comply with NCMA TEK Bulletins 3-2, 3-3A and 14-2 recommendations.
      a. Comply with drawing details for reinforcing steel size and spacing.
   2. Install bond beams where indicated. Reinforce and fill units solid with concrete fill. Comply with drawing details for reinforcing steel size and spacing.

H. Repair, Pointing and Cleaning
   1. In process cleaning: Wipe off excess mortar as the work progresses. Dry brush with bristle brushes exposed masonry at the end of each day's work. Remove mortar spatters and joint ridges.
   2. Clean all exposed masonry. Cleaning agents subject to Architect's approval. Before applying any cleaning agent to the entire wall, clean a sample wall area of approximately 20 square feet in a location acceptable to the Architect. Do not proceed with final cleaning until the sample area has been allowed to dry a minimum of 3 days and the test area cleaning approved. Protect all windows, doors, louvers, metal lintels and other corrodible parts. Damaged materials and work replaced at Contractor's expense.
   3. Dry clean exposed surfaces to remove large particles of mortar using hardwood wood paddles and scrapers. Metal tools not acceptable.
   4. Presoak exposed masonry surfaces by saturating with water and flush off loose mortar and dirt.
   5. Apply cleaning solutions and clean masonry in accordance with the cleaning material manufacturer's cleaning instructions.
   6. Muriatic acid cleaning of masonry not permitted.

I. Architectural Concrete Masonry:
   1. Keep ACMU walls clean during installation. Remove excess mortar on daily basis using brushes, rags or burlap squares.
   2. Clean completed walls with detergent masonry cleaner recommended by the ACMU manufacturer. Acid cleaning agents, abrasive cleaners, tools or powders and metal cleaning tools and brushes are not permitted.
   3. After final clean down and when walls are dry, apply ACMU acrylic finish coating in accordance with ACMU manufacturer's application instructions.

DIVISION 5 - METALS

SECTION 05120 - STRUCTURAL STEEL

1.1 General: Provide structural steel in accordance with the General Structural Notes and structural drawings and details.

A. Standards: Materials and construction shall conform to following:
   1. AISC "Specification for the Design, Fabrication, and Erection of Structural Steel for Buildings."
   2. AISC "Code of Standard Practice."
   3. AWS "Structural Welding Code, D1.1-Steel."

2.1 Materials:

A. Materials compliance: When requested, submit acceptable data documenting materials compliance for each type of material required.

B. Structural Shapes: ASTM A36/A36M, 36 ksi steel.

C. Tubular Steel: ASTM A500, 46 ksi yield strength steel, cold-formed welded and seamless.

D. Structural pipe: ASTM A53, type and grade selected by the fabricator as required for design loading, standard finish, standard weight (Schedule 40) except as otherwise indicated.

E. Grout: ASTM C1107, pre-mixed, shrinkage resistant, non-metallic, non-corrosive, non-staining grout.

F. Shop paint primer: Refer to Section 09900 - Paints and Coatings.

G. Fabrication: Fabricate structural steel in accordance with AISC "Specification - Structural Steel for Buildings" and "Code of Standard Practice." Provide welded or bolted connections in accordance with the Structural Drawings connection requirements.
   1. Welding: Conform to AWS welding standards. Provide only continuous welds, spot welding is not acceptable. Grind all exposed welds smooth.
   2. Splicing: Material, if spliced, shall have maximum one splice per structural member. Perform splicing by full penetration butt-welding using AWS qualified welders and welding methods.
   3. Shop painting: Shop paint structural metal members, except members or portions of members to be embedded in concrete or masonry, surfaces and edges to be field welded and galvanized surfaces. Refer to Section 09900 - Paints and Coatings.

3.1 Installation:

A. Erection: Erect structural steel in accordance with AISC "Specification - Structural Steel for Buildings" and "Code of Standard Practice".
   1. Plumb, level and align base plates for structural members with steel shims.
   2. Grout structural steel base plates solid that bear on concrete or masonry surfaces.

B. Testing: When required, comply with drawings testing requirements.

SECTION 05400 - COLD-FORMED METAL FRAMING

1.1 General: Provide cold-formed metal framing in accordance with the General Structural Notes and structural drawings and details.

A. Standards: Materials and construction shall conform to following:
   1. AISI SG02.2-01 "Design of Cold-Formed Steel Structural Members."
   2. AWS "Structural Welding Codes, D1.3-Sheet Steel."

2.1 Materials:

A. Materials compliance: When requested, submit acceptable data documenting materials compliance for each type of material required.

B. Load-Bearing Cold-Formed Metal Framing: ASTM A1003, Gage, Grade and Type indicated.
   1. Components: Provide sizes and shapes indicated.
   2. Finish: Galvanized complying with ASTM A653, minimum G60 coating.

C. Fabrication:
   1. Cold-formed metal framing may be prefabricated into panels before erection. Fabricate panels plumb, square, true to line and braced against racking with joints welded.
      a. Provide one-piece full-length cold-formed metal framing members. Splicing not permitted.
   2. Attach and join other components by welding or screw fasteners, as indicated. Wire tying of framing components is not permitted.
   3. Cut framing to fit squarely for attachment to perpendicular members or as required for angular fit against abutting members. Hold members securely in position until properly fastened.
   4. Saw cut field cut framing. Torch cutting not acceptable.

3.1. Installation:

A. Erection: Erect cold-formed metal framing members of gage and at spacing indicated on the Structural Drawings. Align and secure studs to top and bottom runner tracks by welding or screw fasteners at both inside and outside flanges.

B. Tolerance Acceptance: Install cold-formed metal framing member as indicated on the plans. Install to 1/16" tolerance.

SECTION 05500 - METAL FABRICATIONS

1.1 General: Provide metal fabrications as shown and specified.

A. Submit shop drawings for the following:
   1. Patio Rail systems.
      a. Show thickness, size, construction and manner of assembling various members, joint locations and railing layout.
      b. Show true profiles, connections and relationship to adjoining work and methods of anchoring.

2.1 Materials

A. Materials compliance: When requested, submit acceptable data documenting materials compliance.

B. Steel Shapes: ASTM A36/A36M, 36 ksi steel.

C. Stainless Steel:
   1. Wall: 18 gage, ASTM A167, AISI Type 304 stainless steel, No. 4 finish.

D. Diamond Plate: Nominal 1/8" thick ASTM B209, Alloy 6061-T6, Aluminum Diamond Tread Plate.
   1. Wall: Bright reflective finish.
   2. Floor: Mil finish.

E. Patio Railing System
   1. Submit shop drawings including the following:
      a. Show thickness, size, construction and welding, as well as assembly drawings.
      b. Show true profiles, connections of all typical joint configurations
      c. Show installation (fastening) and proposed grout (non-gypsum base)
      d. Show gate detail and gate hardware manufacturer and model number
      e. Patio railing plan, with dimensions and panel assembly locations.
   2. Fabrication
      a. Patio rails and gate shall be fabricated from steel flat bar, 3/8" x 2 1/2", grade A36.
      b. Corner connector angles shall be 2 1/2" x 2 1/2" x 1/4" steel L angle.
      c. Gate hinges shall be a self-closing, adjustable tension type. Hinge installation shall be drilled and tapped. Permanently welded are unacceptable.
      d. Gate stop shall have a rubber cushion stop and be affixed to the active gate.
      e. All corners and joints shall be seal welded and outside joints ground smooth.
      f. All welding spatter shall be removed before sand blasting.
   3. Finish
      a. Patio railing shall be painted PPG Durethane, color 518-6 Knight's Armor. Refer to Section 09900 - Paints and Coatings for preparation.

F. Exposed Fasteners:
   1. Diamond Plate: #8 x 1" bevel headed stainless steel screw.
   2. Patio Railing:
      a. All fasteners shall be stainless steel and powder coated to match railing sections.
      b. Spacer washers separating railing sections shall be 1 1/2" diameter and 1/2" thick they shall be one piece thick washers and not comprised of stacking washers
      c. Spacer washers shall be used on all straight sections and when railing panels join at 90 degree corner angles.

G. Shop paint primer: Refer to Section 09900 - Paints and Coatings

WILKUS ARCHITECTS

CLIENT:

CHIPOTLE MEXICAN GRILL

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2023
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 5081
"146th & HAZEL DELL PARKWAY"
TBD 146th & HAZEL DELL PARKWAY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO.	2023-0238
DRAWN BY	RDB, THV
CHECKED BY	

ISSUE RECORD:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

REVISIONS:

2	06.12.2024	Revision 2

TITLE:

ARCHITECTURAL SPECIFICATIONS

SHEET NUMNBER:

G011

3.1 Installation: Comply with the Architectural Drawing details and the following:

A. Exposed Fasteners:
1. Flat Metal Panels: Provide 18" vertical and horizontal pattern or spaced equally if 18" pattern does not finish evenly. Exposed fasteners shall remain unpainted in natural factory supplied finish.
2. Diamond Plate: Provide counter sunk fasteners at perimeter of panels at 2'-0" on center maximum as well as fully adhering to surface.

B. Stainless Steel:
1. Wall:
a. Clean stainless steel panel with mineral spirits.
b. Install stainless steel panels with Henry 117 oil based adhesive applied to wall with 1/8" notch tooth trowel.
c. Trim seams as indicated on the Drawings. No exposed fasteners.

C. Diamond Plate:
1. Wall: Mount over plywood substrate w/ flush exposed fasteners.
2. Floor: Provide continuous bead of silicone sealant to back side perimeter of plate prior to installation.
3. Mount with exposed fasteners. Provide continuous bead of silicone sealant to perimeter of plate after installation.

D. Patio Railing System:
1. Railing posts shall be set 6" deep into a core drilled hole, 4"-6" diameter
2. Railing posts shall be grouted in using non gypsum quick set grout.
3. Railing posts shall be set in grout plumb and level, with a tolerance of 1/8" in 4 feet.

E. Hand-inspect all joints and edges of installed metal materials. Unless otherwise indicated, fit exposed connections accurately together to form tight hairline joints. Grind and ease exposed joints, and edges smooth and free of burrs.

DIVISION 6 - WOOD AND PLASTICS

SECTION 06100 - ROUGH CARPENTRY

1.1 General: Provide rough carpentry work as shown and specified.

A. Standards: Materials and construction shall conform to following:
1. NIST PS-1-95 "Construction and Industrial Plywood."
2. NIST PS-2-95 "Performance Standards for Wood-Based Structural-Use Panels."
3. NIST PS-20-99 "American Softwood Lumber Standard."
4. NF&PA NDS-97 "Wood Construction and Supplement."
5. AWPA "Wood Treatment Standards."

2.1 Materials:

A. Lumber: Factory grade-marked, dressed, seasoned dimension lumber, S4S, air-dried, maximum 19% moisture content complying with PS-20, dimensions indicated.
1. Blocking, nailers and similar members: Standard Grade Western Dimension Lumber or Southern Pine species.
a. Provide preservative treated lumber, where indicated.

B. Plywood: Factory grade-marked, complying with PS-1, square edge, 5/8" thick.
1. APA-RATED SHEATHING EXP1.
a. Provide Exterior Grade (EXT) plywood, where indicated.
b. Provide fire-retardant treated plywood, where required by Building Code.

C. Oriented Strand Board (OSB): Factory grade-marked, complying with PS-2, square edge, 5/8" thick

2.2 Wood Treatment:

A. Preservative Treatment: Comply with applicable requirements of AWPA Standards C2 (Lumber).
1. Pressure preservative treat lumber with water-borne preservatives, acceptable to authorities having jurisdiction, to a minimum retention of 0.25 pcf.
2. Treat wood blocking, nailers and similar members in connection with roofing and flashing.
3. Treat wood plates, blocking, furring and similar concealed members in contact with masonry or concrete.

B. Fire-Retardant Treatment: Comply with applicable requirements of AWPA Standards C27 (Plywood). Identify "fire-retardant-treated plywood" with appropriate UL classification marking.
1. Treated materials shall meet "Interior Type A" FR-S ratings of not more than 25 for flame spread, smoke developed and fuel contributed when tested in accordance with UL 723 or ASTM E84, with no increase in flame spread and evidence of significant progressive combustion upon continuation of test for additional 30 minutes.

C. Kiln-dry all treated lumber and plywood materials after treatment to maximum 15% moisture content.

3.1 Installation:

A. Lumber: Provide wood blocking, nailers and similar members where shown and where required for attachment of other work and surface applied items. Attach to substrate as required to support applied loading.
1. Use only sound, seasoned materials of longest practical lengths and sizes to minimize joints.
2. Use materials free of warp. Make tight connections between members.

SECTION 06210 - FINISH CARPENTRY AND MILLWORK

1.1 General: Provide finish carpentry and millwork as shown and specified.

A. Standards: Materials and construction shall conform to the following:
1. AWI "Architectural Woodwork Quality Standards - 1999."

B. Doors and door hardware: Install all door hardware furnished under Division 8 specification Sections.

C. Submit shop drawings for designated millwork.
1. Include complete details, materials lists and drawings showing fabrication of typical units, unit assemblies, locations and installation details.
2. List proposed cabinet hardware to suit indicated unit use or function.
3. Identify materials required to complete work ready for installation.
4. Obtain shop drawing approval before starting fabrication.

2.1 Materials:

A. Plywood: AWI Section 200
1. Concealed use substrates: CDX, D-3 Paint Grade hardwood plywood, with aspen veneer core, 5/8" thick. (OSB is an alternative as allowed by Chipotle CM)
2. Exposed to view finishes:
Random plank matched or slip and swing matched spalted maple veneer on 3/4" baltic birch core, with mill option sound grade hardwood backer. Spalted maple grain to run horizontally .5 sheen matte clear waterborne finish. Panels to be provided at 47" height, with widths varying from 24" to 95".

B. Millwork: Materials and construction as detailed on the Drawings.

C. Fabrication:
1. Millwork design and fabrication details shown on the drawings indicate design intent. Unless otherwise indicated, provide manufacturer's standard fabrication methods. Indicate all proposed variations from the drawing design and fabrication details on shop drawings.
2. Fabricate millwork in accordance with AWI "Custom Grade" requirements. Where details are not shown, comply with applicable Quality Standards or with alternate details acceptable to Architect as fabricator's option.
3. Fabricate finished work properly framed, closely fit and accurately set to required lines and levels and rigidly secured in place.
4. Fabricate work straight, plumb, level and in true alignment; neatly and accurately fit, scribed and thoroughly secured. Plane and sand miters and other joints. Ease all square edges. Provide millwork clean and free from warp, twist, open joints and other defects.
5. Provide finished woodwork dressed and sanded free from machine and tool marks, abrasions, raised grain or other defects on surfaces exposed to view in finished work.

D. Finish:
Sayerlack Hydroplus Waterborne Clear, 5 sheen for spalted veneer

3.1 Installation

A. Install finish carpentry and millwork products plumb, level, true and straight with no distortion. Shim as required using concealed shims. Install to a tolerance of 1/8" in 8'-0" for plumb and level (including countertops) and with 1/16" maximum offset in flush adjoining surfaces, 1/8" maximum offsets in revealed adjoining surfaces.
1. Scribe and cut finish carpentry and millwork products to fit adjoining work.
2. Anchor finish carpentry and millwork items to built-in place blocking, furnished under Section 06100, or directly attach to substrate framing. Secure to grounds, blocking and nailers with countersunk, concealed fasteners and blind nailing as required for a complete installation.
3. For installation of prefinished millwork wall panels, use finish nails for exposed nailing, installed with pneumatic nailer as per the following guidelines:
a. Nailer to be set for countersunk head approximately 1/8" on the face.
b. Use 16 ga straight finish nails in 2" length
c. Provide "dab" of construction adhesive on backside of panels at regular intervals.
d. Random placement preferred, do NOT group nails together.
e. No nails closer than 2" from any edge.
f. All nails to be no greater than 16-18" apart in any direction.
4. Touch-up shop finished materials marred or damaged during delivery, storage and installation with custom blended polyurethane to equal Minwax "Wipe on Poly".

B. Install casework without distortion so that doors and drawers will fit openings properly and be accurately aligned. Adjust hardware to center doors and drawers in openings and to provide unencumbered operation.

C. Install plastic laminate countertops, shelving and trim. Provide work level, true to alignment, accurately fit to wall conditions and securely fastened to base units and other support systems as indicated.

SECTION 06605 - FIBERGLASS REINFORCED PLASTIC PANELS

1.1 General: Provide fiberglass reinforced plastic panels as shown and specified.

2.1 Materials:

A. Manufacturer: Marlite, (330) 343-6621, internet www.marlite.com, Email: info@marlite.com

B. Panel System: 'P6' Per Finish Schedule, Series: Standard FRP - "Marlite Class 1/A" Fiberglass Reinforced Polyester (FRP) Panels, 3/32" thick, 48" wide x full height required. Color: P100 White, Class A, pebbled matte surface texture. USDA approved for incidental food contact.
1. Panel trim: Extruded PVC, color matching panel color. Provide 1/2" x 1/2" inside corners, edge trim, and division moldings as required to complete the installation.
a. Inside Corner - M350
b. Outside Corner - M360
b. Division - M365
c. Edge - M370
2. Panel trim: Stainless Steel, color matching panel color. Provide 1-1/2" x 1-1/2" outside corners as required to complete the installation.
3. Sealant: Marlite "Silicone Sealant", white gunnable silicone sealant.
4. Panel adhesive: Marlite "C-551" water-based construction adhesive for panel application over porous surfaces.

C. Panel System: 'P2' Per Finish Schedule, Series: Standard FRP - "Marlite Class 1/A" Fiberglass Reinforced Polyester (FRP) Panels, 3/32" thick, 48" wide x full height required. Color: S100G White, smooth matte surface texture. USDA approved for incidental food contact.
1. Panel trim: Extruded PVC, color matching panel color. Provide division moldings as required to complete the installation.
a. Edge - M370
2. Sealant: Marlite "Silicone Sealant", white gunnable silicone sealant.
3. Panel adhesive: Marlite "C-551" water-based construction adhesive for panel application over porous surfaces.

D. Alternate panel spec: Color: S100 S/2/S White, smooth matte surface texture

3.1 Installation

A. Install the FRP system products using panel adhesive in accordance with the manufacturer's instructions and layout as shown in drawings.
1. Install panels plumb, level, true and straight with no distortion; providing a continuous bead of silicone sealant in each joint and trim groove and between trim and adjacent construction.
2. Provide corner trim, closure trim at intersections of dissimilar materials and moldings at abutting panels.

SECTION 07210 - BUILDING INSULATION

1.1 General: Provide building insulation as shown and specified.

2.1 Materials:

A. Extruded polystyrene foam rigid board insulation: Dow Chemical Co., 866-583-2583, internet www.dowbuildingmaterials.com
1. Type: Dow "Styrofoam" Type IV, 1.6 pcf minimum density, 25 psi compressive strength complying with ASTM C 578, R-value equal 5 per inch of thickness. Provide lengths and widths as required to coordinate with space insulated.
2. Perimeter foundation walls: Styrofoam SE, R-value indicated.

B. Glass fiber batt/blanket insulation: Owens Corning Corp., (800) 438-7465, internet www.owenscorning.com.
1. Type: Owens Corning " Thermal Batt" Type I unfaced glass fibers and binders formed into flexible blankets or batts complying with ASTM C665,. Provide lengths and widths required to coordinate with spaces insulated.
2. Exterior walls: Unfaced, R-value/thickness indicated

C. Vapor barrier membrane: Polyethylene, minimum 6 mils thick, complying with ASTM D 4397, maximum permeance rating of 0.13 perm.
1. Joint tape: Pressure sensitive tape designed for sealing joints and penetrations of above and below grade vapor barrier sheets.
2. Mounting tape: Double-faced pressure sensitive tape suitable for mounting vapor barriers to steel framing.

3.1 Installation:

A. General:
1. Install insulation in accordance with manufacturer's recommendations for conditions of installation indicated. Install insulation in single layer of required thickness over entire area to be insulated. Cut and fit tightly around obstructions. Fill all voids.
2. Install exterior wall insulation continuous behind electrical boxes, conduit, piping and ductwork.

B. Foundation perimeter walls and slabs:
1. Install rigid foam insulation vertically from top of slab to frost line or horizontally under slabs, extending a minimum 36" in from exterior walls.
2. Protect insulation from displacement and damage during backfilling and slab placement

C. Exterior Walls:
1. Install batt/blanket insulation full height at exterior wall framing. Use blanket widths and lengths that fill cavities formed by framing members and provide a friction fit between edges of insulation and metal framing members.
2. Provide galvanized wire mesh or metal strapping to provide supplementary support when required to maintain insulation in permanent proper location.

D. Vapor Barriers:
1. Install a single layer of vapor barrier membrane over the interior of exterior metal wall framing after installation of insulation. Secure with double faced tape at wall framing.
2. Provide single unspliced material height. Horizontal joints not acceptable. Minimize vertical joints. Lap vertical joints and secure in place with joints taped. Provide tape sealed contact with door frames, window frames, piping, conduit, ductwork, registers and the vapor barrier.
3. Seal all cuts and penetrations of vapor barrier membrane with tape before installing surface finishes.

SECTION 07240 -EXTERIOR INSULATION AND FINISH SYSTEM (PB)

1.1 General: Provide the exterior insulation and finish system (EIFS) as shown and specified.

A. Standards: Materials and construction shall conform to the following:
1. EIMA (EIFS Industry Members Association) Standards and Publications.
a. 101.01, 101.02, 101.03, 101.86, 105.01, 200.02.
b. EIMA "Guideline Specification for Expanded Polystyrene (EPS) Insulation board."

B. Quality Assurance:
1. System components:
a. Produced by a single manufacturer or by manufacturers approved by the EIFS system manufacturer.
b. Fire performance: Flame spread of 25 or less, smoke developed of 450 or less when tested in accordance with ASTM E84.
2. Installer Qualifications: Performed by the system manufacturer or an applicator trained and approved by the system manufacturer. During application, the work shall be inspected by system manufacturer's representative.

C. Environmental conditions: Comply with manufacturer's requirements. Do not install materials during wet or freezing weather.

2.1 Materials

A. Manufacturer: STO Corp., P: (800) 221-2397, internet www.stocorp.com
Strategic Accounts Manager: Ray Redmond, P: (616) 437-2230, rredmond@stocorp.com

B. Exterior insulation and finish system: Sto Class PB "StoTherm ci" EIFS.
1. Air/Moisture barrier: Sto Guard system.
a. Sto RapidGuard for rough opening protection, sheathing joints and inside and outside corners.
b. Sto Guard Mesh: Coated glass fiber fabric reinforcing mesh.
c. Sto Gold Coat: Waterproof Fluid Applied Air/Moisture Barrier
2. Primer/adhesive and base coat: Sto Primer/Adhesive-B, one-component, polymer modified, cement -based factory blended primer/adhesive used to attach insulation board to prepared sheathing substrates and as a base coat in Essence claddings.
3. Insulation board: ASTM C578 Type 1, nominal 1.0 lb/ft³ expanded polystyrene meeting EIMA Guideline specifications for EPS insulation board.
4. Finish coating: Sto Essence DPR, ready-mixed 100% acrylic-based, textured wall coating.
a. Medium/Fine Sand Finish.
b. Color as indicated on the Architectural drawings from manufacturer's full color range or match custom color.
5. System warranty: 10 year labor and material.

C. Portland cement: ASTM C150, Type I or II, white or gray in color.

D. Water: Clean, potable and free of foreign matter.

E. Reinforcing mesh: Sto open-weave glass fiber fabric with alkaline resistant coating.
1. Standard mesh: Sto Mesh, nominal 4.5 oz/yd² fabric.
2. Ultra-High impact mesh: Sto Armor Mat, nominal 15 oz/yd² ultra-high impact fabric.
3. Specialty mesh:
a. Sto Detail Mesh, nominal 4.2 oz/yd² flexible, symmetrical, interlaced glass fiber fabric.
b. Sto Corner Mat, nominal 7.8 oz/yd² pre-creased, heavy-duty, glass fiber fabric.

F. Joint sealants: StoSeal STPE Sealant complying with ASTM C920 and Section 07900 requirements.
1. Adhesion: Evaluated in accordance with ASTM C1382.
2. Color: Matching EIFS finish coating color, and visually acceptable to the Architect.

G. Accessories: Provide plastic stops and trim where indicated. Materials shall be compatible with EIFS materials and acceptable to EIFS manufacturer.
1. Starter Track: Rigid PVC plastic track with weepholes and drip edge.

3.1 Mixing

A. Mix materials in accordance with manufacturer's published instructions.
1. Mix with a clean, rust-free high speed mixer to a uniform consistency.
2. No rapid binder, anti-freeze or accelerator additives permitted.

4.1 Installation

A. Preparation:
1. Coordinate installation of roofing membrane, windows, doors and other wall penetrations to provide a continuous exterior wall air/moisture barrier.
2. Coordinate installation of windows, doors and window and door flashing to provide continuous exterior wall air/moisture barrier.
3. Install copings and joint sealants immediately after installation of the EIFS, when EIFS coatings are dry.

B. Installation: Install Sto Guard air/moisture barrier system and exterior insulation and finish system (EIFS) in strict accordance with manufacturer's installation instructions, complying with governing regulations and industry standards applicable to the work.
1. Back wrap exposed board edges with mesh.
2. Provide double wrap or corner mat reinforcing at all inside and outside corners.
3. Provide expansion joints in accordance with manufacturer's recommendations for type of substrates and systems required, and visually acceptable to the Architect.
4. Provide drainable starter track horizontal edge trim as base of wall, above windows and doors openings and beneath windows with concealed flashing.

C. Insulation and adhesive application:
1. Install insulation board with long edge horizontal using running bond pattern. Off set insulation joints with substrate joints. Stagger joints and interlock joints at corners.
2. Apply adhesive to insulation board with a stainless steel trowel notched trowel, providing vertical uniform ribbons of adhesive when board is installed. Mount insulation board on substrate. Level, align and tamp insulation in place. Provide uniform contact and bond with joints tightly butted. Rasp edges and high areas as required to produce a level, plane surface.

D. Base coat and reinforcing mesh application:
1. Apply detail mesh at corners of windows, doors, and all penetrations through the EIFS.
2. Standard mesh: Apply base coat over insulation board to a uniform 1/8 inch thickness, including high impact mesh where indicated. Embed standard reinforcing mesh into wet adhesive, lap edges at seams. Smooth surface until mesh is not visible. Allow to base coat to dry.
3. Ultra-High impact mesh: Apply base coat over insulation board to a uniform 1/8 inch thickness. Fully embed ultra-high impact reinforcing mesh into wet adhesive, butt edges at seams. Smooth surface until mesh is not visible. Allow to base coat to dry. Locate at 4'-0" wide perimeter of the rear service door to 6'-0" above grade and as indicated on Architectural drawings.

E. Apply finish coating continuously in one operation to the entire wall surface Provide a uniform finished appearance. Level and texture to the specified finish texture.

F. Install joint sealants at perimeter joints and joints within the system using elastomeric joint sealants, in accordance with drawing details and sealant manufacturer's recommendations.

SECTION 07250 - WEATHER BARRIERS

1.1 Section Includes

A. Weather barrier membrane
B. Seam Tape
C. Flashing
D. Fasteners

1.2 References

A. ASTM International
1. ASTM C920; Standard Specification for Elastomeric Joint Sealants
2. ASTM C1193; Standard Guide for Use of Joint Sealants
3. ASTM D882; Test Method for Tensile Properties of Thin Plastic Sheeting
4. ASTM D1117; Standard Guide for Evaluating Non-woven Fabrics
5. ASTM E84; Test Method for Surface Burning Characteristics of Building Materials
6. ASTM E96; Test Method for Water Vapor Transmission of Materials
7. ASTM E1677; Specification for Air Retarder Material or System for Framed Building Walls.
8. ASTM E2178; Test Method for Air Permeance of Building Materials

B. AATCC - American Association of Textile Chemists and Colorists
1. Test Method 127 Water Resistance: Hydrostatic Pressure Test

C. TAPPI
1. Test Method T-410; Grams or Paper and Paperboard (Weight per Unit Area)
2. Test Method T-460; Air Resistance (Gurley Hill Method)

1.3 Quality Assurance

A. Qualifications
1. Installer shall have experience with installation of commercial weather barrier assemblies under similar conditions.
2. Installation shall be in accordance with weather barrier manufacturer's installation guidelines and recommendations.
3. Source Limitations: Provide commercial weather barrier and accessory materials produced by single manufacturer.

1.4 Delivery, Storage and Handling
A. Refer to Section 01400 Quality Requirements.
B. Deliver weather barrier materials and components in manufacturer's original, unopened, undamaged containers with identification labels intact.
C. Store weather barrier materials as recommended by weather barrier manufacturer.

1.5 Scheduling
A. Review requirements for sequencing of installation of weather barrier assembly with installation of windows, doors, louvers and flashings to provide a weather-tight barrier assembly.
B. Schedule installation of weather barrier materials and exterior cladding within 9 months of weather barrier assembly installation.

2.1 Manufacturer
A. DuPont Building Innovations; 4417 Lancaster Pike, Chestnut Run Plaza 721, Wilmington, D19805;
1.800.44TYVEK (8-9835); http://constructiontyvek.com
Alternate: STO Corp., P: (800) 221-2397, internet www.stocorp.com

2.2 Materials
A. Basis of Design: Hi-performance, spunbonded polyolefin, non-woven, non perforated, weather barrier is based upon DuPont Tyvek CommercialWrap and related assembly components.
Alternate: StoGuard System, See Section 07240

B. Performance Characteristics:
1. Air Penetration: 0.001 CFM/feet squared at 75 Pa, when tested in accordance with ASTM E2178. Type I per ASTM E1677.
2. Water Vapor Transmission: 28 perms, when tested in accordance with ASTM E96 Method B.
3. Water Penetration Resistance: 280 cm when tested in accordance with AATCC Test Method 127.
4. Basis Weight: 2.7 oz/yard squared, when tested in accordance with TAPPI Test Method T-410.
5. Air Resistance: Air infiltration at >1500 seconds, when tested in accordance with TAPPI Test Method T-460.
6. Tensile Strength: 38/35 lbs/inch, when tested in accordance with ASTM D882, Method A.
7. Tear Resistance: 12/10 lbs., when tested in accordance with ASTM D1117.
8. Surface Burning Characteristics: Class A, when tested in accordance with ASTM E 84. Flame Spread: 10, Smoke Developed: 10.

2.3 Accessories
A. Seam Tape: 3 inch wide, DuPont Tyvek Tape for commercial applications.

B. Fasteners:
1. For steel frame construction - DuPont Tyvek Wrap Cap Screws, as manufactured by DuPont Building Innovations: 1-5/8" rust resistant screw with 2-inch diameter plastic cap or manufacturer approved 1-1/4" or 2" metal gasketed washer.
2. For wood frame construction - Tyvek Wrap Caps, as manufactured by DuPont Building Innovations: #4 nails with large 1-inch plastic cap fasteners.
3. For masonry construction - masonry tap-con fasteners with Tyvek Wrap Caps as manufactured by DuPont Building Innovations: 2 inch diameter plastic cap fasteners.

C. Adhesives:
1. Provide adhesive recommended by weather barrier manufacturer.
2. Products:
a. Liquid Nails LN-109
b. Polyglaze SM 5700
c. Denso Butyl Liquid
d. 3M High Strength 90
e. SIA 665
f. Adhesives recommended by the weather barrier manufacturer.

D. Primers:
1. Provide flashing manufacturer recommended primer to assist in adhesion between substrate and flashing.
2. Product:
a. 3M High Strength 90
b. Denso Butyl Spray
c. SIA 655
d. Permagrip 105
e. ITW TACC Sta' Put SPH
f. Primers recommended by the flashing manufacturer.

E. Flashing:
1. DuPont FlexWrap, as manufactured by DuPont Building Innovations: flexible membrane flashing materials for window openings and penetrations.
2. DuPont Straightflash, as manufactured by DuPont Building Innovations: straight flashing membrane materials for flashing windows and doors and sealing penetrations such as masonry ties, etc.
3. DuPont Straightflash VF, as manufactured by DuPont Building Innovations: dual-sided straight flashing membrane materials for brick mold and non-flanged windows and doors.

3.1 Examination
A. Verify substrate and surface conditions are in accordance with weather barrier manufacturer recommended tolerances prior to installation of weather barrier and accessories.

3.2 Installation - Weather Barrier
A. Install weather barrier per regional requirements in accordance with manufacturer recommendations.
B Install weather barrier prior to installation of windows and doors.
C. Start weather barrier installation at a building corner, leaving 6-12 inches of weather barrier extended beyond corner to overlap.
D. Install weather barrier in a horizontal manner starting at the lower portion of the wall surface with subsequent layers installed in a shingling manner to overlap lower layers. Maintain weather barrier plumb and level.
E. Sill Plate Interface: Extend lower edge of weather barrier over sill plate interface 3-6 inches. Secure to foundation with elastomeric sealant as recommended by weather barrier manufacturer.
F. Window and Door Openings: Extend weather barrier completely over openings.
G. Overlap weather barrier
1. Exterior corners: minimum 12 inches.
2. Seams: minimum 6 inches.
H. Weather barrier Attachment:
1. For steel or wood frame construction - Attach weather barrier to studs through exterior sheathing. Secure using weather barrier manufacturer recommended fasteners, space 12-18 inches vertically on center along stud line, and 24 inch on center, maximum horizontally.
2. For masonry construction - Attach weather barrier to masonry. Secure using weather barrier mfr recommended fasteners, spaced 12-18 inches vertically on center and 24 inches maximum horizontally. Weather barrier may be temporarily attached to masonry using recommended adhesive, placed in vertical strips spaced 24 inches o.c., when coordinated on the project site.
I. Apply 4 inch by 7 inch piece of DuPont StraightFlash to weather barrier membrane prior to the installation cladding anchors.

3.3 Seaming

A. Seal seams of weather barrier with seam tape at all vertical and horizontal overlapping seams.
B. Seal any tears or cuts as recommended by weather barrier manufacturer.

3.4 Opening Preparation (for use with non-flanged windows - all cladding types)

A. Flush cut weather barrier at edge of sheathing around full perimeter of opening.
B. Cut a head flap at 45-degree angle in the weather barrier at window head to expose 8 inches of sheathing. Temporarily secure weather barrier flap away from sheathing with tape.

3.5 Flashing (for use with non-flanged windows - all cladding types)

A. Cut 9-inch wide DuPont FlexWrap a min of 12 inches longer than width of sill rough opening. Apply primer as required by mfr.
B. Cover horizontal sill by aligning DuPont FlexWrap edge within side edge of sill. Adhere to rough opening across sill and up jambs a minimum of 6 inches. Secure flashing tightly into corners by working in along the sill before a adhering up the jambs.
C. Fan DuPont FlexWrap at bottom corners onto face of wall. Firmly press into place. Mechanically fasten fanned edges.
D. Apply 9-inch wide strips of DuPont StraightFlash at jambs. Align flashing with interior edge of jamb framing. Start DuPont StraightFlash at head of opening and lap sill flashing down to the sill. Spray-apply primer to top 6 inches of jambs and exposed sheathing.
E. Install DuPont FlexWrap at opening head using same installation procedures used at sill. Overlap jamb flashing min 2 inches.
F. Coordinate flashing with window installation.
G. On exterior, install backer-rod in joint between window frame and flashed rough framing. Apply sealant at jambs and head. leaving sill unsealed. Apply sealants in accordance with sealant manufacturer's instructions and ASTM C 1193.
H. Position weather barrier head flap across head flashing. Adhere using 4-inch wide DuPont StraightFlash over the 45-degree seams.
I. Tape top of window in accordance with manufacturer recommendations.
J. On interior, install backer rod in joint between frame of window and flashed rough framing. Apply sealant around entire window to create air seal. Apply sealant in accordance with sealant manufacturer's instructions and ASTM C 1193.

3.6 Protection
A. Protect installed weather barrier from damage.

WILKUS ARCHITECTS

CLIENT:

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2023
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 5081
"146th & HAZEL DELL PARKWAY"
TBD 146th & HAZEL DELL PARKWAY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO.	2023-0238
DRAWN BY	RDB, THV
CHECKED BY	

ISSUE RECORD:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

REVISIONS:

TITLE:
ARCHITECTURAL SPECIFICATIONS

SHEET NUMNBER:
G012

SECTION 07512 - ROOFING SYSTEM REPAIR

1.1 General: When penetration of the existing roofing system is required to accommodate new construction, perform necessary roofing system repair.

A. Coordination: Before starting work, verify with the Tenant's Construction Manager and the Owner the following:
1. Existing roof system materials and installation methods.
2. Repair work responsibilities and warranty requirements. To maintain original warranty, where provided use original roof contractor.

B. Qualifications: Repair work shall be performed only by an experienced roofing installer approved or licensed by the existing roofing system materials manufacturer; with not less than five years of successful experience installing and repairing roofing systems similar to this projects existing roofing system.

2.1 Materials:

A. Provide and install only materials approved and recommended by the roofing manufacturer for repairing the existing roofing system.

3.1 Installation:

A. Preparation: Inspect roof surface conditions with roof manufacturer's representative to verify extent and location of any other repairs required to ensure a watertight roofing system upon completion of the repair work.

B. Make necessary repairs. Match existing roof slope, insulation materials and roofing membrane materials, except as otherwise approved by the existing roofing system manufacturer to accommodate new construction and repair work.

C. Install curb flashing furnished by mechanical and electrical trades for new roof top equipment.

SECTION 07540 - THERMOPLASTIC MEMBRANE (PVC) ROOFING

1.1 General: Provide the thermoplastic membrane (PVC) roofing system as shown and specified.

A. Standards: Materials and construction shall conform to following:
1. ASTM D5036 "Application of Adhered Poly(Vinyl Chloride) Sheet Roofing."
2. FM 1-29 Loss Prevention Data Adhered or Mechanically Attached Single Ply Membrane Roof Systems."
3. NRCA "Single-Ply Roofing Membrane."
4. UL "790 - Tests for Fire Resistance of Roof Covering Materials."

B. Installer Qualifications: An experienced roofing installer approved by roofing system manufacturer and with not less than five years of successful experience installing membrane roofing systems similar to those required for this project.

C. Deliver, store and handle roof system materials in accordance with manufacturer's recommendations to avoid damage and deterioration.
1. Comply with manufacturer's recommendations for handling and protection during installation.

D. Install roofing work only when weather conditions are in compliance with manufacturer's specific environmental requirements and conditions will permit work to be performed in accordance with manufacturer's recommendations and warranty requirements.
1. Protect adjacent materials and surfaces from damage and soiling during roofing system installation.
2. Provide special protection on completed roofing work.
3. Protect paving and structure walls adjacent to hoists before starting work.
4. Do not overload the building structure with storage of materials or installation equipment on the substrate decking.

E. Warranty
1. Contractor and roof system installer shall jointly warrant roofing materials and installation for a period of two years from the date of Substantial Completion. Warranty shall include roofing membrane, flashing, roof insulation, roofing accessories and sheet metal work provided under Section 07600.
2. Manufacturer's warranty: Submit executed copy of roofing system manufacturer's 15 year total system warranty, including labor and materials for the entire roof system. Including perimeter edge metal, Section 07600 Flashing & Sheet Metal

2.1 Materials

A. Manufacturer: Duro-Last Roofing, Inc, (800)248-0280, Austin Russell, austin.russell@holcim.com, www.duro-last.com
1. Basis of Design Product Roofing System
a. Thermoplastic single ply membrane roofing system: DL Membrane (PVC) fully adhered, smooth surface, UL Class A fire-rated single ply membrane roofing system.
b. Thermoplastic fiber reinforced PVC membrane, not less than 40 mils (.040), complying with ASTM D4434 and membrane manufacturer's published physical properties.

B. Comparable Alternate Roof Manufacturers:
1. Versico Roofing Systems, (480) 528-6923, Jeff Kelly, jeff.kelly@versico.com
a. VersiFlex PVC Adhered System
2. Other comparable alternates can be considered when approved by Arch PM and Chipotle DM/CM.

C. The roof covering design must resist a wind load of 100 mph, Exposure C and shall resist impact damage based on results of tests based on the results of tests conducted in accordance with ASTM D 3746, ASTM D 4272, CGSB 37-GP-52M or FM 4470
1. Insulation cover board: Georgia-Pacific Corp. (800) 284-5347, internet www.gp.com, "Dens-Deck" nonstructural fiberglass- faced, silicone-treated gypsum core panels, 1/2"" thickness.
2. Roof insulation: Rigid closed cell polyisocyanurate boards approved by the membrane manufacturer; complying with ASTM C1289, Type II, minimum 20 psi compressive strength, aged R-value equal 5.6 per inch of thickness.
a. Provide a double layer installation. Minimum total R-value as indicated on plans.
b. Specified perimeter edge metal shall be compliant with International Building Code ANSI / SPRI ES-1, ER2 testing requirements.
3. Flashing: Roof system manufacturer's standard sheet flashing of same material, type, and color as sheet membrane. Specified perimeter edge metal will be compliant with International Building Code ANSI / SPRI ES-1, RE2 testing requirements.
4. Membrane Bonding Adhesive: Roof system manufacturer's standard membrane bonding adhesive.
5. Insulation and Cover Board Adhesive: Dow Chemical Company, (888) 868-1183, internet www.flexibeproducts.com, "INSTA-STIK Professional Roof Insulation Adhesive", a single component, moisture cured polyurethane adhesive.
6. Fasteners: Roof system manufacturer's standard fasteners for project conditions indicated.
7. Accessories: Roof system manufacturer's recommended pourable sealers, preformed penetration flashing, preformed corner flashing, seam caulk, termination bars and other accessories required for substrate surfaces and installation conditions indicated.
8. Traffic walkways: Duro-Last Roof Track II walkway pads.3.1Installation

3.1 Installation

A. Preparation:
1. Clean substrate surfaces of debris and other substances detrimental to roofing installation.
2. Correct unsatisfactory conditions before starting roofing. Roof deck surface conditions shall comply with manufacturer's requirements and be acceptable to the roofing system installer.

B. Installation:
1. General: Provide roofing system materials and installation complying with roofing system manufacturer's instructions and governing codes and regulations.
a. Mix and apply roof insulation and cover board adhesive in strict accordance with the adhesive manufacturer's installation instructions. Dispense adhesive at manufacturer's recommended application rate using approved dispensing equipment.
2. Roof insulation.
a. Extend insulation full thickness over entire surface to be insulated. Cut and fit around obstructions; fill all voids with insulation. Provide saddles and tapered edges as required to provide positive proper drainage.
b. Install and secure in place with insulation adhesive, a double layer of insulation units of the required thickness. Run long joints of insulation in continuous straight lines, perpendicular to roof slope, with end joints staggered between rows. Stagger joints of each layer of insulation. Butt edges to moderate contact. Limit joints between adjacent units to maximum 1/4".
3. Insulation cover board: Install and secure in place with insulation adhesive a single layer of insulation cover board on installed roof insulation. Secure cover board in accordance with membrane manufacturer's recommendations. Stagger joints with joints of roof insulation.
4. Thermoplastic membrane: Comply with membrane manufacturer's instructions and recommendations for handling and installing single ply membrane roofing.
a. Unroll and position roofing sheet membrane without stretching. Align top sheet with pr-marked lines on bottom sheet. Allow membrane to "relax" for at least 30 minutes before adhering, splicing and flashing.
b. Adhere membrane to insulation cover board with bonding adhesive. Broom bonded membrane to achieve maximum contact.
c. Join membrane seams using approved heat welding equipment. Check all splices for voids and repair voids with heat gun and roller.
d. When required, mechanically fasten membrane at roof perimeter, curb flashing and similar penetrations in accordance with manufacturer's installation instructions.
e. Flash and make weathertight all equipment curbs, pipes, conduits, drains and other penetrations or projections through sheet roofing using roofing system manufacturer's recommended flashing materials, accessories and procedures.
5. Install roof accessories and traffic walkways in accordance with manufacturer's instructions.
6. Install sheet metal work furnished under section 07600.

SECTION 07600 - FLASHING AND SHEET METAL

General:
A. Standards: Materials and construction shall conform to following:
1. SMACNA "Architectural sheet Metal Manual- 1993."
B. Installation: Performed under Section 07540 work.

1.1 Pre-manufactured perimeter edge metal and accessories

Manufacturer: Duro-Last Roofing / Exceptional Metals, Inc, (800) 248-0280, Jason Dark, www.Duro-Last.com
A. Duro-Last / Exceptional Metals Snap Coping made of 24-gauge galvalume, cover provided with Kynar architectural finish providing a 35 year finish warranty. Meets ANSI/SPRI ES-1 2003 method RE-2 testing requirements. (Color - Refer to Exterior Elevations)
B. Duro-Last / Exceptional Metals Vinyl backed scupper. Scupper profile & size indicated Fig 1-20.

1.2 General: Miscellaneous sheet metal

A. Standards: Materials and construction shall conform to following:
1. SMACNA "Architectural sheet Metal Manual- 1993."
B. Installation: Performed under Section 07540 work.

2.1 Materials:
A. Galvanized steel: ASTM A653 commercial quality sheet steel with 0.2% copper, G90 hot-dip galvanized. Gage indicated.
1. Scuppers: Minimum 16 gage.
2. Coping/Wall caps: Minimum 18 gage.
B. Aluminum sheet: ASTM B209 alloy 3003, temper as required for forming and performance. Thickness indicated.
1. Conductor Boxes: Minimum 0.040"thickness.
2. Downspouts: Minimum 0.025"thickness.
C. Joint sealers: One-component silicone elastomeric joint sealant complying with ASTM C920. Color matched to sheet metal finish.
D. Metal accessories: Provide sheet metal fasteners, clips, straps, anchoring devices and similar accessory units as required for installation of work, matching or compatible with material installed, non-corrosive, size and gage as required for performance and acceptable to the Architect.
E. Fabrication: Shop fabricate sheet metal work to comply with profiles and sizes indicated and to comply with standard industry standards as shown by SMACNA in the "Architectural Sheet Metal Manual."
1. Conductor boxes: SMACNA Chapter 1 - Roof Drainage Systems. Profile and size indicated Fig 1-25.
2. Scuppers: SMACNA Chapter 1 - Roof Drainage Systems. Profile and size indicated Fig 1-20.
3. Downspouts: SMACNA Chapter 1 - Roof Drainage Systems. Profile and size indicated. Installation Fig. 1-31 with strap hanger Fig. 1-35.
4. Formed coping/wall caps: SMACNA Chapter 3 - Copings. Design Fig 3-1. Profile and size indicated with Fig. 3-3 butt joints and concealed back-up plates. Install formed copings with continuous cleat fasteners similar to Fig 3-1 at exposed face and screw fasteners with washers space maximum 24" on center at roof side.

3.1 Installation:

A. Preparation: Coordinate sheet metal work with other work for the correct sequencing of items which make up the entire roof system of weatherproofing and rain drainage:
B. Installation: Comply with SMACNA "Architectural Sheet Metal Manual" recommendations, drawing details and approved shop drawings for installation of the work.
1. Anchor sheet metal items securely in place by methods indicated, providing for thermal expansion. Conceal fasteners and expansion provisions whenever possible. Install joint sealants where required.
2. Set units true to lines and levels indicated. Install work with sealed laps, joints and seams that will be permanently watertight and weatherproof. Bed flanges of sheet metal work in thick coat of roofing cement or sealant compatible with roofing membrane.
3. Separate sheet metal work from dissimilar metals and treated wood materials. Provide rosin-sized paper slipsheet over treated wood.
4. Fabricate, support and anchor conductor boxes and downspouts to withstand thermal expansion, stresses and full loading by ice or water without damage, deterioration or leakage.

SECTION 076113 - SHEET METAL WALL PANELS

1.1 General:
A. Standards:
1. Furnish all labor, material, tools, equipment and services for all preformed fascia and wall panels as indicated, in accord with provisions of Contract Documents.
2. Completely coordinate with work of all other trades.
3. Although such work is not specifically indicated, furnish and install all supplementary or miscellaneous items, appurtenances and devices incidental to or necessary for a sound, secure and complete installation.

B. Related work specified elsewhere:

1. Structural steel: Section 05100
2. Steel joists: Section 05200 or 05400
3. Flashing and sheet metal: Section 07600

1.2 Quality Assurance:

A. Applicable standards:
1. SMACNA: "Architectural Sheet Metal Manual" Sheet Metal and Air Conditioning Contractors National Association, Inc.
2. AISC: "Steel Construction Manual" American Institute of Steel Construction.
3. AISI: "Cold Form Steel Design Manual: American Iron and Steel Institute.
4. ASTM A792-83-AZ50: Specifications for steel sheet, aluminum-zinc alloy coated (galvanized) by the hot dip process, general requirements (Galvalume).

B. Manufacturer's qualifications:
1. Manufacturer has a minimum of three years experience in manufacturing metal wall systems of this nature. Panels specified in this section shall be produced in a factory environment (not job site roll formed) with fixed base roll forming equipment assuring the highest level of quality control. A letter from the manufacturer certifying compliance will accompany the product material submittals.

1.3 Product Delivery, Storage and Handling

A. Delivery: Deliver metal wall system to job site properly packaged to provide protection against transportation damage.
B. Handling: Exercise extreme care in unloading, storing and erecting metal wall system to prevent bending, warping, twisting and surface damage.
C. Storage: Store all materials and accessories above ground on well skidded platforms. Store under waterproof covering. Provide proper ventilation of metal wall system to prevent condensation build up between each panel or trim/ flashing component.

2.1 Materials 2

A. Metal wall system profile:
1. Western States Metal Roofing Corrugated Metal: 7/8" rib height, 2.67" rib spacing
B. Metal wall system style:
1. Corrugated
2. Exposed fasteners
C. Gauge: 26 gauge
D. Substrate: Per Plans
E. Texture: Smooth
F. Finish: PVDF (20 year warranty)
G. Color: Charcoal Gray
H. Acceptable Manufacturer: Western States Metal Roofing

3.1 Surface Conditions

A. Examination:
1. Inspect installed work of other trades and verify that such work is complete to a point where this work may continue.
2. Verify that installation may be made in accordance with approved shop drawings and manufacturer's instructions.

3.2 Installation

A. Install metal wall system system so that it is weathertight, without waves, warps, buckles, fastening stresses or distortion.
B. Install metal wall system in accordance with manufacturer's instructions and shop drawings.
C. Provide concealed anchors at all panel attachment locations.
D. Install panels plumb, level and straight with seams parallel, conforming to design as indicated.

3.3 Cleaning, Protection

A. Dispose of excess materials and remove debris from site.
B. Clean work in accordance with manufacturer's recommendations.
C. Protect work against damage until final acceptance. Replace or repair to the satisfaction of the architect and work that becomes damaged prior to final acceptance.
D. Touch up minor scratches and abrasions.

Section 07900 – JOINT SEALERS

1.1 General: Provide joint sealers as shown and specified.

A. Standards:Comply with ASTM C 920 requirements.

B. Application: Performed by skilled, experienced joint sealer applicators.

2.1 Materials:

A. Poly urethane sealants:
1. Tremco Commercial Sealants (800) 321-7906, internet www.tremcosealants.com,
a. "Dymonic FC" One component, fast skinning, Low Modulus Polyurethane.
b. "Dymeric 240 FC" Multi Component, gun grade, chemically curing, tintable fast setting polyurethane sealant.
2. Sonneborn, (724) 756-9582, internet www.sonneborn.com
a. Color pack for polyurethane multi component, gun grade chemically curing sealant.

B. Silicone Sealants:
1. General Electric Silicones, (800) 295-2392, internet www.gesilicones.com
a. "SCS1700 Sanitary – Mold/Mildew Resistant Silicone", one component 100% silicone, fungicidal based sealant.
b. "SCS2700 Silprul Silicone" one component medium modulus, natural cure silicone all purpose sealant.
c. "Siliglaze II SCS2800- Glazing Sealant" one component, 100% silicone based sealer.
d. "GE Paintable Silicone" one component paintable silicone.
e. "SCS1009 Silicone Sealant" one-component acetoxy silicone for general purpose sealing and bonding
2. Dow Corning Silicones, (989)496-4000, www.dowcorning.com
a. "Dow 795" – one component, medium modulus, natural cure silicone.

C. Firestopping Sealants: 3M Fire Protection Products, (800) 328-1687, internet www.3M.com/firstop
1. "3M Fire Barrier CP 25WB+ Caulk" or approved equal

D. Joint backing: Non-absorptive, non-staining compressible, non-gassing, polyethylene foam backer rod compatible with joint sealants.

3.1 Installation:

A. Preparation: Clean and prepare joints prior to installing sealers:
1. Wipe shipping oils from surfaces to be sealed. Remove protective films and/or install joint backer rod if joint is larger than ¼" in width.

B. Installation: Install joint sealant materials in strict accordance with manufacturer's installation instructions.
1. Apply sealants in a uniform, continuous bead without gaps or air pockets. Hand tool and finish all joints so that a smooth, small, lip free uniform line is created along the substrate being shot. Remove any excess materials from tooled edges and ends of joint.
2. Install joint sealants to a depth no more than ½ the width of the joint.
3. Install sealants by proven techniques that result in sealants directly contacting and fully wetting joint substrates, completely filling recesses provided for each joint configuration, and providing uniform, cross-sectional shapes and depths relative to joint widths which allow optimum sealant movement capability.
4. Immediately, after sealant application, and prior to time skinning or curing begins, tool sealants to form smooth, uniform beads of configuration indicated to eliminate air pockets, and to ensure contact and adhesion of sealant with sides of joint. Remove excess sealants from surfaces adjacent to joint. Do not use tooling agents which discolor sealants or adjacent surfaces or are not approved by sealant manufacturer.
5. Clean off excess sealants or sealant smears adjacent to joints as work progresses by methods and with cleaning materials approved by manufacturers of joint sealers and of products in which joints occur.

4.1 Sealant Schedule:

A. Kitchen Area:
- Provide a continuous bead of white GE SCS1700 silicone at the following locations:
1. Ceiling grid to FRP wall panels
2. Base of FRP wall panels to T.O. specified base material.
3. Walk in cooler walls to FRP wall panels.
4. Stainless closure pieces at cooler walls to FRP wall panels.
5. FRP/stainless corner guards to FRP wall panels.
6. Ceiling tile pipe penetrations.
7. Wall pipe penetrations and/or escutcheons perimeters. (water & gas lines).
8. Mop sink stainless surround perimeter to walls.
9. FRP closure panel, at top of cooler, to cooler walls.
10. FRP wall panels to hollow metal door frames.
11. Coke line bundle to PVC cap.
12. FRP inside corner pieces to FRP wall panels. Both sides of corner piece.
13. Battery backup cover panel to FRP.
14. Faucet's to FRP wall panels.
15. FRP wall panels to quarry tile cove base.
16. FRP to aluminum plate at walk thru.
17. Menu board light bracket to ceiling.
18. Mop sink base at quarry tile.
19. All sinks (multi-compartment, hand, mop and prep) to FRP/tile walls.
20. Paper towel dispensers & soap dispensers to FRP/tile walls.

- Provide a continuous bead of aluminum GE SCS1009 silicone at the following locations:
1. Stainless closer pieces, at sides of cooler walls - to cooler walls.
2. Stainless or aluminum plate closure pieces to diamond plate at cooler walls.
3. Diamond plate panel seam joints.
4. Diamond plate perimeter to cooler walls.
5. Base of diamond plate to quarry tile cove base.
6. Stainless closure panel, at top of cooler walls, to cooler walls.
7. Top of quarry tile cove base to cooler walls at inside of cooler.
8. Cooler wall/diamond plate penetrations.
9. Cooler door hinges and handles to diamond plate. DO NOT caulk door locking unit.
10. Stainless wrap at hollow metal door frame.
11. Stainless mop surround to stainless corners on mop sink.
12. Base of stainless corner pieces to schluter strip at base.
13. Exit door threshold perimeters. To frame and floor, interior and exterior.

- Provide a continuous bead of dark gray GE SCS2000 silicone at the following locations:
1. Base of hollow metal door jambs to quarry tile floor.

B. Managers Office:
- Provide a continuous bead of white GE SCS1700 silicone at the following locations:
1. Ceiling grid to FRP wall panels.
2. Perimeter of manager's desk to FRP wall panels.
3. Hollow metal door frame to FRP wall panels.
4. Top and ends of coat hanger bracket to FRP walls.
5. Base of FRP wall panels to quarry tile base.
6. Ceiling tile wire/pipe penetrations.
7. FRP inside corners to FRP wall panels. Both sides of corner piece.
8. Base of FRP wall panels to quarry tile.

- Provide a continuous bead of black or light bronze (use color of safe) GE SCS2000 silicone at the following locations:
1. Base of safe to floor.

C. Cooking Area:
- Provide a continuous bead of white GE SCS1700 silicone at the following locations:
1. Top of wall tile to sheetrock ceiling.
2. Ceiling diffusers perimeters to sheetrock ceiling.
3. Ceiling pipe penetrations.
4. Wall tile to aluminum walk thru surround.
5. Tile wall penetrations/escutcheons perimeters.
6. FRP wall panels to sheetrock ceilings.
7. FRP wall panels to aluminum end wall plates.
8. FRP inside corners to FRP wall panels. Both sides of corner piece.
9. Sink to white wall tile.
10. Paper towel dispenser/soap dispenser to white tile.
11. POS/Serving counter to wall tile.
12. Stainless shelf behind grill to wall tile.
13. Faucets to ceramic wall tile.

- Provide a continuous bead of aluminum GE SCS1009 silicone at the following locations:
1. Joint between hood and closure skirt.
2. Joint between hood support and hood. Both sides.
3. Connection joint between stainless shelf behind grill.
4. Hood to tile walls & sheetrock ceiling.
5. Hood gusset to wall tile on both sides.
6. Sink to bronze wall tile.
7. Paper towel dispenser/soap dispenser to bronze tile.
8. DML counter to bronze tile.

- Provide a continuous bead of dark gray GE SCS2000 at the following locations:
1. Base of equipment to concrete curbs/quarry tile.

- Provide a continuous bead of bronze GE SCS2097 at the following locations:
1. Ceramic tile inside corners.
2. Ceramic tile to aluminum end wall plates.

D. Restrooms:
- Provide a continuous bead of white GE SCS1700 silicone at the following locations:
1. Top of FRP to sheetrock ceiling or top of FRP trim to sheetrock wall.
2. Perimeter of toilets/urinals to floor or FRP.
3. Perimeter of mirror to FRP.
4. Sink to wall.
5. Perimeter of paper towel/garbage unit to wall.
6. Toilet paper/napkin disposals units to walls.
7. Stainless shelf to wall.
8. Wall penetrations under sink and or escutcheons to perimeters.
9. Hollow metal door frames to FRP.
10. Base of FRP wall panels to top of wall base.
11. FRP inside corners to FRP wall panels.

- Provide a continuous bead of black GE SCS2000 silicone at the following locations:
1. Base of black rubber wall base to floor.

- Provide a continuous bead of dark gray GE SCS2000 silicone at the following locations:
1. Base of hollow metal door frames to floor.

E. Dining area:
- Provide a continuous bead of white GE SCS1700 silicone at the following locations:
1. Wall tile to sheetrock walls.
2. Perimeter of aluminum storefront/windows/entrances to sheetrock walls.
3. Wainscot wall panels (Stonewood or other) to painted walls.
4. Diffuser/louvers perimeters to sheetrock walls.
5. Hollow metal door frames to painted walls - if needed.
6. Frame of service line counter to tile (joint to be caulked behind front face panels of counter).
7. Wall tile at serving line wall to POS counter.

- Provide a continuous bead of black GE SCS2000 silicone at the following locations:
1. Base of black rubber to floor (concrete or quarry tile) and gyp. bd. wall.
2. Wainscot (Stonewood or other) wall panels to sill of aluminum storefront/ windows.
3. Vertical joints of wainscot (Stonewood or other) wall panels to frames/painted walls/tile (ONLY if joint is uneven or plywood is showing).
4. Stonewood panels at serve line.

- Provide a continuous bead of aluminum GE SCS1009 silicone at the following locations:
1. Base of garbage surround to floor.

- Provide a continuous bead of Dow 795 silicone at the following locations:
1. Sill of aluminum storefronts to concrete or tile floor. Color to be determined per store to match storefront (Charcoal/Anodized Aluminum/Dark Bronze).

F. Utensil Counter:
- Provide a continuous bead of aluminum GE SCS1009 silicone at the following locations:
1. Stainless countertop to backsplash. Horizontal & vertical joints.
2. Base of Coke machine to countertop.
3. Perimeter of tea drain tray to countertop.
4. Stainless backsplash to white tile walls/painted walls.

- Provide a continuous bead of white GE SCS1700 silicone at the following locations:
1. Coke line bundle to PVC cap.

G. Fire Rated Walls:
- Provide a continuous bead of 3M 25WB+ at the following locations:
1. Wall/ceiling penetrations in rated walls.

H. Exterior Joints:
- Provide a continuous bead of Tremco Dymeric limestone urethane sealant at the following locations:
1. Sidewalk/concrete expansion joints.

- Provide a continuous bead of Dow 795 silicone or Tremco Dymeric 240 FC at the following locations:
1. Hollow metal door frames.
2. EIFS to abutting services.
3. Penetrations in EIFS.
4. Face brick or block control joints.
5. Perimeter of Aluminum Storefronts.
*Colors to be determined per store to match adjacent material colors. Verify with Chipotle Construction Manager and Architect.
- For "Fog" EIFS use Tremco - "Natural White"
- For "Knight's Armor" EIFS use Sonneborn - "Charcoal Gray" #276-U
- For white brick use Tremco - "China White"
- Provide a continuous bead of aluminum GE SCS1009 silicone at the following location:
1. CO2 fill port stainless box.
2. Faucet for hose. (Please note: color to be determined per store. Verify with Chipotle Construction Manager and Architect).

WILKUS ARCHITECTS

CLIENT:

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2023
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 5081
"146th & HAZEL DELL PARKWAY"
TBD 146th & HAZEL DELL PARKWAY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO. 2023-0238
DRAWN BY RDB, THV
CHECKED BY

ISSUE RECORD:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

REVISIONS:

2	06.12.2024	Revision 2

TITLE:

ARCHITECTURAL SPECIFICATIONS

SHEET NUMNBER:

G013

DIVISION 8 - DOORS AND WINDOWS

SECTION 08110 - STEEL DOORS AND FRAMES

1.1 General: Tenant to provide steel doors and frames as shown and specified.

A. Standards: Materials and construction shall conform to the following:
1. ANSI A250.8-2009 "Specifications for Standard Steel Doors and Frames."
2. ANSI A250.11-01 "Erection Instructions for Steel Frames."
3. SDI 122-99 " Installation for Standard Steel doors and Frames.

B. Manufacturer: A member of the Steel Door Institute (SDI).

2.1 Materials:

A. Steel Doors:
1. Interior: Heavy-duty Level 2, physical performance B, Model 2 seamless construction, ASTM A1008, 18 gage cold-rolled steel face sheets, manufacturer's standard core.

2. Exterior: Extra heavy-duty Level 3, physical performance A, Model 2 seamless construction, ASTM A1008, 16 gage cold-rolled steel face sheets; tops and bottoms closed with flush galvanized steel caps, manufacturer's standard plastic foam insulating core.

B. Steel Frames: ASTM A1008, 16 gage cold-rolled steel.
1. Provide combination buck, jamb and trim type frames for 1-3/4" thick doors, unless otherwise indicated.
2. Interior and exterior frames: Set-up welded type with mitered corners, reinforced, fully seam welded with exposed welds ground smooth.

C. Door and frame fabrication:
1. Provide cutouts for mortised hardware, accurately located and made to fit hardware. Provide closer reinforcement for all doors with surface mounted door closers.
2. Punch frames and factory install rubber door silencers.
3. Provide minimum three anchors of suitable design for each jamb.
4. Provide floor clip on bottom of each jamb. Provide angle spreaders at bottom of each set-up frame.

D. Shop painting: Clean and paint exposed surfaces of steel door and frame units. Apply one baked-on shop coat of rust-inhibitive prime paint in accordance with ANSI A250.10, unless doors and frames are used at the restrooms or as indicated on door hardware and finish schedule. Provide a uniformly finished surface ready to receive finish paint.

3.1 Installation:

A. Install frames plumb, level, rigid, and in true alignment as recommended in ANSI A250.11.

B. Install doors plumb and in true alignment and fastened to achieve the maximum operational effectiveness and appearance as recommended in SDI 122.

SECTION 084113 - ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS

1.1 General: Provide aluminum entrances and storefronts as shown and specified.

1.2 Related Documents:

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this section.

B. Standards: Materials and construction shall conform to the following:
1. AAMA SFM-1-87 "Aluminum Storefront and Entrance Manual."

1.3 Summary:

A. Section Includes:
1. Kawneer Architectural Aluminum Storefront Systems, including perimeter trims, stools, accessories, shims and anchors, and perimeter sealing of storefront units.
a. Types of Kawneer Aluminum Store front include:
(1.) Trifab 601T Storefront System - 2" x 6" nominal dimension; Thermal; Center-Set
(2.) Trifab VG 451T Storefront System - 2" x 4-1/2" nominal dimension; Thermal; Front-Set

2. Kawneer Aluminum Entrances, glass and glazing, and components
a. Types of Kawneer Aluminum Entrances include:
(1.) 500 Swing Door; Wide stile, 5" vertical face dimension, 1-3/4" depth, high traffic applications or as indicated on Drawings.

3. Kawneer Tube for Feature Exterior Slat Wall

4. Alternate Storefront Systems only when approved by Arch PM and Chipotle DM.
a. YKK
(1.) YES 60 TU Storefront System - 2" x 6" nominal dimension; Thermal
(2.) YES 45 TU Storefront System - 2" x 4-1/2" nominal dimension; Thermal; Front-Set
b. Oldcastle
(1.) Series 6000XT Storefront System - 2" x 6" nominal dimension; Thermal
(2.) Series 3000 Thermal MultiPlane Storefront System - 2" x 4-1/2" nominal dimension; Thermal; Front-Set
c. US Aluminum
(1.) Series FT601 - 2" x 6" nominal dimension; Thermal
(2.) Series FT451 - 2" x 4-1/2" nominal dimension; Thermal; Front-Set
d. EFCO
(1.) Series 406 (T) Storefront System - 2" x 6-1/2" nominal dimension; Thermal
(2.) Series 403 (T) Storefront System - 2" x 4-1/2" nominal dimension; Thermal
e. Wausau
(1.) TU24650 Storefront System - 2" x 6-1/2" nominal dimension; Thermal
(2.) TU24000 Storefront System - 2" x 4-1/2" nominal dimension; Thermal

1.4 Performance Requirements:

A. General Performance: Aluminum-framed storefront system shall withstand the effects of the following performance requirements without exceeding performance criteria or failure due to defective manufacture, fabrication, installation, or other defects in construction;
1. Design Wind Loads: Determine design wind loads applicable to the Project from basic wind speed indicated in miles per hour, according to ASCE 7, Section 6.5, "Method 2-Analytical Procedure," based on mean roof heights above grade indicated on Drawings.
a. Basic Wind Speed (MPH): Determine to meet local codes listed on A000
b. Importance Factor: (1.00)
c. Exposure Category (A, B, C, D): Determine to meet local codes listed on A000

B. Storefront System Performance Requirements:
1. Wind loads: Provide storefront system; include anchorage, capable of withstanding inward and outward wind load design pressures meeting local codes listed on sheet A000.
2. Air Infiltration:
a. Air Infiltration for storefront frame system: The test specimen shall be tested in accordance with ASTM E 283. Air infiltration rate shall not exceed 0.06 cfm/ft. sq. at a static air pressure differential of 6.24 psf.
b. Air Infiltration for storefront entrances: For single acting offset pivot or butt hung entrances in the closed and locked position, the test specimen shall be tested in accordance with ASTM E 283 at a pressure differential of 6.24 psf (300 Pa) for single doors and 1.567 psf (75 PA) for pairs of doors. A single 3'0" x 7'0" entrance door and frame shall not exceed 0.50 cfm per square foot. A pair of 6'0" x 7'0" entrance doors and frame shall not exceed 1.0 cfm per square foot.
3. Water Resistance: The test specimen shall be tested in accordance with ASTM E 331. There shall be no leakage at a minimum static air pressure differential of 8 psf as defined in AAMA 501.
4. Uniform Load: A static air design load of 20 psf shall be applied in the positive and negative direction in accordance with ASTM E 330. There shall be no defection in excess of L/175 of the span of any framing member. At a structural test load equal to 1.5 times the specified design load, no glass breakage or permanent set in the framing members in excess of 0.2% of their clear spans shall occur.
5. Thermal Transmittance (U-factor): When tested to AAMA Specification 1503, the thermal transmittance (U-factor) shall be not more than:
a. Glass to Exterior - 0.47 (low-e)
6. Condensation Resistance (CRF): When tested to AAMA Specification 1503, the condensation resistance factor shall not be less than:
a. Glass to Exterior - 70 frame and 69 glass (low-e)
7. Sound Transmission Class (STC) and Outdoor-Indoor Transmission Class (OITC): When tested to AAMA Specification 1801 and in accordance with ASTM E1425 and ASTM E90, the STC and OITC Rating shall not be less than:
a. Glass to Exterior - 38 (STC) and 31 (OITC)

1.5 Submittals:

A. Product Data: Include construction details, material descriptions, dimensions of individual components and profiles, hardware, finishes, and installation instructions for each type of aluminum frame storefront system and storefront entrance doors indicated.

B. Shop Drawings: Include plans, elevations, sections, details, hardware, and attachments to work, operational clearances and installation details.

C. Samples for Initial Selection: For units with factory-applied color finishes including samples of hardware and accessories involving color section.

1.6 Quality Assurance

A. Installer Qualifications: An installer which has had successful experience with installation of the same or similar units required for the project and other projects of similar size and scope

B. Manufacturer Qualifications: A manufacturer capable of providing aluminum framed storefront system that meet or exceed performance requirements indicated and of documenting this performance by inclusion of rest reports, and calculations.

C. Source Limitations: Obtain aluminum framed storefront system and storefront entrance doors through one source from a single manufacturer.

D. Product Options: Drawings indicate size, profiles, and dimensional requirements of aluminum framed storefront system and are based on the specific system indicated. Do not modify size and dimensional requirements.
1. Do not modify intended aesthetic effects, as judged solely by Architect, except with Architect's approval. If modifications are proposed, submit comprehensive explanatory data to Architect for review.

1.7 Project Conditions:

A. Field Measurements: Verify actual dimensions of a aluminum framed storefront openings by field measurements before fabrication and indicate field measurements on Shop Drawings.

1.8 Warranty

A. Manufactures Warranty: Submit, for Owner's acceptance, manufacturer's standard warranty.
1. Warranty Period: Two (2) years from Date of Substantial Completion of the project provided however that the Limited Warranty shall begin in no event later than six months from date of shipment by manufacturer.

2.1 Manufacturers:

A. Manufacturer: Kawneer Company Inc., Contact: Doug Hess, Phone: 317-771-9265; email:doug.hess@arconic.com

1. Basis-of-Design Product Storefront Framing:
a. Trifab 601T (thermal) Storefront System
i. 2" x 6" System Dimensions
ii. Glass: Exterior (Center-Set)
b. Trifab 451T (thermal) Storefront System
i. 2" x 4-1/2" System Dimensions
ii. Glass: Exterior (Front-Set)

2. Basis-of-Design Product Storefront Entrances:
a. The door stile and rail face dimensions of the 500-Wide Stile entrance door will be as follows or as indicated on Drawings: Door: 500; Vertical Stile: 5"; Top Rail: 5"; Bottom Rail: 10"
b. Major portions of the door members to be 0.125" nominal in thickness and glazing molding to be 0.05" thick.
c. Glazing gaskets shall be either EPDM elastometric extrusions or a thermoplastic elastomer.
d. Provide adjustable glass jacks to help center the glass in the door opening.

3. Basis-of-Design Product Feature Exterior Slat Wall:
a. Kawneer Tube #027881 (1" x 3"), capped at top and bottom
i. Alternate Exterior Slat Wall only when approved by Arch PM and Chipotle DM.
1. Architectural Fabrication

B. Alternate Storefront Systems only when approved by Arch PM and Chipotle DM.
1. YKK
a. YES 60 TU Storefront System - 2" x 6" nominal dimension; Thermal
b. YES 45 TU Storefront System - 2" x 4-1/2" nominal dimension; Thermal; Front-Set
2.. Oldcastle
a. Series 6000XT Storefront System - 2" x 6" nominal dimension; Thermal
b. Series 3000 Thermal MultiPlane Storefront System - 2" x 4-1/2" nominal dimension; Thermal; Front-Set
3.. US Aluminum
a. Series FT601 - 2" x 6" nominal dimension; Thermal
b. Series FT451 - 2" x 4-1/2" nominal dimension; Thermal; Front-Set
4. EFCO
a. Series 406 (T) Storefront System - 2" x 6-1/2" nominal dimension; Thermal
b. Series 403 (T) Storefront System - 2" x 4-1/2" nominal dimension; Thermal
5. Wausau
a. TU24650 Storefront System - 2" x 6-1/2" nominal dimension; Thermal
b. TU24000 Storefront System - 2" x 4-1/2" nominal dimension; Thermal

2.2 Materials:

A. Provide aluminum entrances and storefront matching the existing building aluminum entrances and storefronts, unless otherwise indicated.

B. Aluminum Frame Extrusions: Alloy and temper recommended by aluminum storefront manufacturer for strength, corrosion resistance, and application of required finish and not less than 0.070" wall thickness at any location for the main frame and complying with ASTM B 221: 6063-T6 alloy and temper.

C. Aluminum Storefront Entrance Extrusions:Alloy and temper recommended by aluminum-framed glass door manufacturer for strength, corrosion resistance, and application of required finish and not less than 0.090" wall thickness at any location for the main frame and sash members.

D. Fasteners: Aluminum, nonmagnetic stainless steel or other materials to be non-corrosive and compatible with aluminum window and door members, trim hardware, anchors, and other components.

E. Anchors, Clips, and Accessories: Aluminum, nonmagnetic stainless steel, or zinc-coated steel or iron complying with ASTM B 633 for SC 3 severe service conditions, or other suitable zinc coating; provide sufficient strength to withstand design pressure indicated.

F. Reinforcing Members: Aluminum, nonmagnetic stainless steel, or nickel/chrome-plated steel complying with ASTM B 456 for Type SC 3 severe service conditions, or zinc-coated steel or iron complying with ASTM B 633 for SC 3 severe service conditions or other suitable zinc coating; provide sufficient strength to withstand design pressure indicated.

G. Sealant: For sealants required within fabricated storefront system, provide permanently elastic, non-shrinking, and non-migrating type recommended by sealant manufacturer for joint size and movement.

H. Tolerances: Reference to tolerances for wall thickness and other cross-section dimensions of storefront members are nominal and in compliance with AA Aluminum Standard Data.

2.3 Storefront Framing System:

A. Thermal Barrier: Thermal Break shall be designed in accordance with AAMA TIR-A8 and tested in accordance with AAMA 505.
1. Kawneer IsoLock Thermal Break with a 1/4" separation consisting of a two-part chemically curing, high-density polyurethane, which is mechanically and adhesively joined to aluminum storefront sections.

B. Brackets and Reinforcements: Manufacturer's standard high-strength aluminum with non-staining, nonferrous shims for aligning system components.

C. Fasteners and Accessories: Manufacturer's standard corrosion-resistant, non-staining, non-bearing fasteners and accessories compatible with adjacent materials. Where exposed shall be stainless steel.

D. Perimeter Anchors: When steel anchors are used, provide insulation between steel material and aluminum material to prevent galvanic action.

E. Packing, Shipping, Handling and Unloading: Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.

F. Storage and Protection: Store materials protected from exposure to harmful weather conditions. Handle storefront material and components to avoid damage. Protect storefront material against damage from elements, construction activities, and other hazards before, during and after storefront installation.

2.4 Glazing Systems:

A. Glazing: As specified in Section 08800 - Glazing.

B. Glazing Gaskets: Manufacturer's standard compression types; replaceable, extruded EPDM rubber.

C. Spacers and Setting Blocks: Manufacturer's standard elastomeric type.

D. Bond-Breaker Tape: Manufacturer's standard TFE-fluorocarbon or polyethylene material to which sealants will not develop adhesion.

E. Glazing Sealants: For structural-sealant-glazed systems, as recommended by manufacturer for joint type, and as follows:
1. Structural Sealant: ASTM C 1184, single-component neutral-curing silicone formulation that is compatible with system components with which it comes in contact, specifically formulated and tested for use as structural sealant and approved by a structural-sealant manufacturer for use in aluminum-framed systems indicated.
a. Color: Black
2. Weatherseal Sealant: ASTM C 920 for Type S, Grade NS, Class 25, Uses NT, G, A, and O; single-component neutral-curing formulation that is compatible with structural sealant and other system components with which it comes in contact; recommended by structural-sealant, weatherseal-sealant, and aluminum-framed-system manufacturers for this use.
a. Color: Matching structural sealant.

2.5 Entrance Door Systems:

A. Entrance Door Hardware: As specified in Section 08710 Door Hardware.

2.6 Accessory Materials:

A. Joint Sealants: For installation at perimeter of aluminum-framed systems, as specified in section 07900 - Joint Sealers

2.7 Storefront Framing Fabrication:

A. Framing Members, General: Fabricate components that, when assembled, have the following characteristics:
1. Profiles that are sharp, straight, and free of defects or deformations.
2. Accurately fit joints; make joints flush, hairline and weatherproof.
3. Means to drain water passing joints, condensation within framing members, and moisture migrating within the system to exterior.
4. Physical and thermal isolation of glazing from framing members.
5. Accommodations for thermal and mechanical movements of glazing and framing to maintain required glazing edge clearances.
6. Provisions for field replacement of glazing.
7. Fasteners, anchors, and connection devices that are concealed from view to greatest extent possible.

B. Mechanically Glazed Framing Members: Fabricate for flush glazing without projecting stops.

C. Structural-Sealant-Glazed Framing Members: Include accommodations for using temporary support device to retain glazing in place while structural sealant cures.

D. Storefront Framing: Fabricate components for assembly using manufacturers standard installation instructions.

E. After fabrication, clearly mark components to identify their locations in Project according to Shop Drawings.

2.8 Storefront Entrance Door Fabrication:

A. Fabricate aluminum-framed glass entrance doors in sizes indicated. Include a complete system for assembling components and anchoring doors.

B. Fabricate aluminum-framed glass doors that are reglazable without dismantling perimeter framing.
1. Door corner construction shall consist of mechanical clip fastening, SIGMA deep penetration plug welds and 1-1/8" long fillet welds inside and outside of all four corners. Glazing stops shall be hook-in type with EPDM glazing gaskets reinforced with non-stretchable cord.
2. Accurately fit and secure joints and corners. Make joints hairline in appearance.
3. Prepare components with internal reinforcement for door hardware.
4. Arrange fasteners and attachments to conceal from view.

C. Weather Stripping: Provide weather stripping locked into extruded grooves in door panels or frames as indicated on manufactures drawings and details.

2.9 Aluminum Finishes:

A. Finish designations prefixed by AA comply with the system established by the Aluminum Association for designating aluminum finishes.

B. Factory Finishing:
1. Kawneer Permafluor (70% PVDF), AAMA 2605, Fluoropolymer Coating (Color: Charcoal or as noted on Drawings)
2. Finishing for alternate storefront specifications to be verified by Arch PM and Chipotle DM
a. YKK "Charcoal" UC99477, Superior Painted Finishes
b. All others to be verified with samples and submittals to Arch PM

2.10 Brake Metal Trim:

A. Shop Drawings: Show layout and elevations, dimensions and thickness of panels, connections, details and location of joints, sealants and gaskets, method of anchorage, number of anchors, supports, reinforcement, trim, flashings, and accessories.
1. Show actual field measurements on shop drawings.
2. Differentiate between shop and field fabrication.
3. Indicate substrates and adjacent work with which the fabrications must be coordinated.
4. Include large-scale details of anchorages and connecting elements.
5. Include large-scale or schematic exploded or isometric diagrams to fully explain flashing at a scale of not less than 1-1/2 inches per 12 inches (1:10)

2.11 Formed Metal Fabrications - General:

A. Shop assembly: Preassemble items to greatest extent possible. Minimize field splices and field assembly. Disassemble only as necessary for transportation and handling. Mark items clearly for assembly and installation.

B. Coordination: Match dimensions and attachment of formed metal items to adjacent construction. Produce integrated assembles. Closely fit joints; align edges and flat surfaces unless indicated otherwise.

C. Forming: Profiles indicated. Maximize lengths. Fold exposed edges to form hem indicated or ease edges to radius indicated with concealed stiffener. Provide flat, flush surfaces without cracking or grain separation at bends.

D. Reinforcement: Increase metal thickness; use concealed stiffeners, backing materials or both. Provide stretcher leveled standard of flatness and stiffness required to maintain flatness and hold adjacent items in flush alignment.

E. Anchors: Straps, plates and anchors as required to support and anchor items to adjacent construction.

F. Supports: Miscellaneous framing, mounting, clips, sleeves, fasteners and accessories required for installation.

G. Welding and brazing: Weld or braze joints continuously. Grind smooth, fill or dress to produce smooth, flush, exposed surfaces. Do not discolor metal. Grind Smooth, polish, and restore damaged finishes to required condition.
1. Ease exposed edges to small uniform radius.
2. Welded joints.
a. Carbon Steel: Perform welding in accordance with AWS D1.1/D1.1M.
b. Stainless Steel: Perform welding in accordance with AWS D1.6/D1.6M
3. Brass/Bronze Brazed Joints:
a. Perform torch brazing in accordance with AWS C3.4M/C3.4
b. Perform induction brazing in accordance with AWS C3.5M/C3.5
c. Perform resistance brazing in accordance with AWS C3.9M/C3.9

H. Performance requirements;
1. Thermal Movements:
a. Allow for thermal movements in exterior metal fabrications due to temperature changes. Prevent buckling, opening of joints, overstressing of components, failure of connections, and other detrimental effects.
b. Temperature Change Range: 120 degrees F (67 degrees C), ambient; 180 degrees F (100 degrees C), on material surfaces.
2. Corrosion: Prevent galvanic action and other forms of corrosion by isolating metals and other materials from direct contact with incompatible materials.

2.12 Formed Metal Fabrications - Sheet Metal

A. Closures, Trim, and Fill Panels:
1. Form Closures from type and thickness of metal indicated.
2. Conceal fasteners when possible.
3. Drill and tap holes for securing to other surfaces.
4. Provide gaskets where indicated or needed for continuous seal at adjacent surfaces.
5. Miter or cope at corners and reinforce with bent metal plate. Form tight joints.

2.13 Materials

A. General: Provide sheet metal without pitting, seam marks, roller marks, stains, discolorations, or other imperfections exposed to view on finished units.
B. Galvanized Steel Sheet: ASTM A653/A653M, G90 (Z275) coating. 14 gauge min. thick base material.
C. Anchors, Clips, and Accessories: Use one of the following:
1. Stainless steel complying with ASTM A276/A276M, ASTM A480/A480M, or ASTM A666.
2. Steel complying with ASTM A36/A36M and hot-dipped galvanized to ASTM A123/A123M Coating Grade 35
3. Steel complying with ASTM A36/A36M and hot-dipped galvanized to ASTM A123/A123M Coating Grade 35
4. Interior locations: Carbon steel; zinc coated in accordance with ASTM B633 or ASTM F1941/F1941M, Class Fe/Zn 5.
5. Exterior Locations or in contact with Stainless Steel:
a. Bolts: Stainless steel; ASTM F593, Group 1 (A1)
b. Nuts: Stainless steel; ASTM F594.
6. Structural Anchors: Provide anchors where work is indicated to comply with design loads.
a. Type: Provide chemical or torque controlled expansion anchors.
b. Capacity: When tested according to ASTM E488/E488M; four times the load imposed when installed in concrete.
7. Nonstructural Anchors: Provide powder-actuated fasteners where work is not indicated to comply wit design loads. Provide size and number required for load, installation, and as recommended by manufacturer, unless indicated otherwise.
D. Fasteners, General: Same basic metal and alloy as formed metal sheet unless indicated otherwise. Do not use metals incompatible with the materials joined.
E. Gaskets: As required to seal joints in decorative formed metal and remain airtight; as recommended in writing by decorative formed metal manufacturer.

2.14 Finishes

A. Finishes, General: Comply with NAAMM AMP 500-06
1. Complete mechanical finishes before fabrication. After fabrication, finish joints, bends, abrasions and surface blemishes to match sheet.
2. Protect mechanical finishes on exposed surfaces from damage.
3. Apply organic and anodic finishes to formed metal after fabrication unless indicated otherwise.
4. Appearance: Limit variations in appearance of adjacent to one-half the range represented in approved samples. noticeable variations in the same piece are not acceptable. Install components in the range of approved samples to minimize contrast.
B. Galvanized Steel Finishes:
1. Repair Galvanized Surfaces: Clean welds and abraded areas and repair galvanizing to comply with ASTM A780/A780M
2. Color: As shown on the drawings.
3. Factory Prime: Apply shop primer to prepared surfaces of items where field painting after installation indicated, unless indicated otherwise. Comply with requirements in SSPC-PA1
4. High Performance Organic Coatings: AAMA 2604; multiple coats, thermally cured fluoropolymer system.

3.1 Examination:

A. Examine openings, substrates, structural support, anchorage, and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of work. Verify rough opening dimensions, levelness of sill plate and operational clearances. Examine wall flashings, vapor retarders, water and weather barriers, and other built-in components to ensure a coordinated, weather tight framed aluminum storefront system installation.
1. Masonry Surfaces: Visibly dry and free of excess mortar, sand, and other construction debris.
2. Wood Frame Walls: Dry, clean, sound, well nailed, free of voids, and without offsets at joints. Ensure that nail heads are driven flush with surfaces in opening and within 3 inches of opening.
3. Metal Surfaces: Dry; clean; free of grease, oil, dirt, rust, corrosion, and welding slag; without sharp edges or offsets at joints.
4. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 Installation:

A. Comply with Drawings, Shop Drawings, and manufacturer's written instructions for installing aluminum framed storefront system, aluminum swing storefront entrance doors, accessories, and other components.

B. Install aluminum framed storefront system and storefront doors level, plumb, square, true to line, without distortion or impeding thermal movement, anchored securely in place to structural support, and in proper relation to wall flashing and other adjacent construction.

C. Set sill members and door threshold in bed of sealant or with gaskets, as indicated, for weather tight construction.

D. Install aluminum framed storefront system and components to drain condensation, water penetrating joints, and moisture migrating within sliding door to the exterior. Refer to section 07900 - Joint Sealers.

E. Separate aluminum and other corrodible surfaces from sources of corrosion or electrolytic action at points of contact with other materials.

F. Install aluminum storefront framing system glass and glazing, in accordance with section 08800 and the manufacturer's requirements.

3.3 Adjusting, Cleaning, and Protection:

A. Clean aluminum surfaces immediately after installing aluminum framed storefronts. Avoid damaging protective coatings and finishes. Remove excess sealants, glazing materials, dirt, and other substances.

B. Clean glass immediately after installation. Comply with glass manufacturer's written recommendations for final cleaning and maintenance. Remove nonpermanent labels, and clean surfaces.

C. Remove and replace glass that has been broken, chipped, cracked, abraded, or damaged during construction period.

SECTION 085619 - PASS-THRU WINDOW

1.1 General: Provide door hardware as shown and specified.

A. Standards: Materials and installation shall conform to the following:
1. ASTM A240 - Heat-Resisting Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels.
2. ASTM A653 - Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process.
3. ASTM B209 - Aluminum and Aluminum-Alloy Sheet and Plate.
4. ASTM B221 - Aluminum and Aluminum-Alloy Extruded Bars, Rods, Wire, Profiles, and Tubes.
5. ASTM B580 - Standard Specification for Anodic Oxide Coatings on Aluminum.
6. ASTM B680 - Standard Test Method for Seal Quality of Anodic Coatings on Aluminum by Acid Dissolution.
7. ASTM C1048 - Heat-Treated Flat Glass--Kind HS, Kind FT Coated and Uncoated Glass.
8. ASTM C1172 - Standard Specification for Laminated Architectural Flat Glass.
9. ASTM E774 - Standard Specification for Sealed Insulating Glass Units.
10. Aluminum Association AA DAF-45 - Designation System for Aluminum Finishes.

B. Quality Assurance:
1. Manufacturer Qualifications: Minimum of 25 years successful experience continuously manufacturing pass-thru windows.
2. Installer Qualifications: Installer shall have five years experience manufacturing and fabricating windows of similar type and scope as those specified in this section.
3. Mock-Up: Provide a mock-up for evaluation of surface preparation techniques and application workmanship.
a. Finish areas designated by Architect.
b. Do not proceed with remaining work until workmanship, color, and sheen are approved by Architect.
c. Refinish mock-up area as required to produce acceptable work.

2.1 Materials:

A. Acceptable Manufacturers. Arch PM to verify required manufacturer per Tenant's assignment.
1. Quikserv; Toll Free: 1.800.388.8307; Email: sales@quikserv.com; Web: https://www.quikserv.com/
2. ReadyAccess; Toll Free: 1.800.621.5045; Email: ready@ready-access.com; Web: https://www.ready-access.com

B. No substitutions allowed. Requirements for manufacturer, design, grade, function, finish, size and other distinctive qualities of each type of door hardware are indicated on the drawings.

WILKUS ARCHITECTS

CLIENT:
CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2023
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 5081
"146th & HAZEL DELL PARKWAY"
TBD 146th & HAZEL DELL PARKWAY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO. 2023-0238
DRAWN BY RDB, THV
CHECKED BY

ISSUE RECORD:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

1 REVISIONS:

TITLE:
ARCHITECTURAL SPECIFICATIONS

SHEET NUMNBER:
G014

2.2 In-Line Side Sliding Automatic Window and Air Curtain

A. GC to use specification called out on storefront details sheet and/or as directed by Tenant Arch PM.

• Quikserv Custom Automatic Side Sliding Window (Model: SST-4035E-CHIPOTLE): 45 -1/2"W x 41-3/4"H window with 17-3/4" tall transom and (2) sidelights at 29 1/4"W x 41-3/4"H; Complete Unit Size 104"W x 59-1/2"H

1. Service Opening: 19"W x 29-3/4"H
2. Finish: Dark Bronze Anodized
3. Glass: 1" Clear Tempered unit + Low E (Solarban 60e) for fixed and moving panel, sidelights and transom
4. 'CHIPOTLE' package includes pre-wired air curtain with relay to sync operation with window.
   a. Arch PM to verify if heated or ambient air curtain is required per Tenant assignment. Air Curtain mounts to transom.
      i. Heated Air Curtain: Model: QSV1025EJ-040-BK
      ii. Ambient Air Curtain: Model: QSK1025AA-BK
5. Refer to interior elevations (A700s) for direction of opening for ordering.

• ReadyAccess Automatic Side Sliding Window: 47 -1/2"W x 43-1/2"H window with 16" tall transom and (2) sidelights at 28 1/4"W x 59-1/2"H; Complete Unit Size 104"W x 59-1/2"H

1. Service Opening: 19"W x 35"H
2. Finish: Dark Bronze Anodized
3. Glass: 3/4" Clear Tempered unit + Low E (Solarban 70XL) for fixed & moving panel, sidelights and transom
4. Arch PM to verify if heated or ambient air curtain is required per Tenant assignment.
   a. Heated Air Curtain: Model: AA300 (replaces transom)
   b. Ambient Air Curtain: Model: AA100 (split transom)
5. Refer to exterior elevations (A300s) for direction of opening for ordering.

B. Alternate California Code Option

1. ReadyAccess: Window 47-1/2" W x 35-3/4"H with double-split transom for air curtain and 10" and (2) sidelights at 28-1/4"W x 59-1/2"H; Complete Unit Size 104"W x 59-1/2"H
   a. Service Opening:15-1/4"W x 28"H, limited to meet CA code.
   b. Ambient Air Curtain, AA100, and relay switch kit included with the West Coast Window package.

2. Quikserv Model: SS-4035-E-CHIPOTLE-CALI, same as above except as noted.
   a. Service Opening: 28"W x 15-3/8"H, limited to meet CA code.
   b. 'CHIPOTLE' package includes pre-wired ambient air curtain with relay to sync operation with window Model: QSK1025AA-BK. Air curtain mounts to transom.

C. Alternate Impact-Resistant and Florida Product Approved Option, Miami Dade Horizontal Bi-Parting Impact Slider

1. Quikserv Model: BP-7241E-IP-CHIPOTLE, Complete Unit Size: 72"W x 41"H.
   a. Service Opening: 29-1/2"W x 27"H
   b. Rough Opening: 72-1/2"W x 41-1/2"H
   c. Glass: Impact Resistant Glass
   d. 'CHIPOTLE' package includes ambient air curtain
      i. Ambient Air Curtain: Model: QSK1025AA-BK, Part Number: 9345.
      ii. Do not mount directly to window, mount on wall above.
   e. Miami-Dade NOA #18-0814.02

2.3 Electrical Requirements

A. Quikserv Electrical Windows: 120V / 60 Hz, 20-amp branch circuit, single phase. Power supplied through base of window. Conforms to UL Standard 325 – Certified to CAN/CSA C22.2 NO. 247. Confirm with Electrical Drawings.

1. Heated Air Curtain for Custom Side Sliding Window (Model: SS-4035-E-CHIPOTLE)
   a. Separate 230V circuit and Power Supply required for heated air curtain. Air curtain pre-wired through window frame with power supply routed to base of window. Confirm with Electrical Drawings.
2. Ambient Air Curtain for Custom Side Sliding Window (Model: SS-4035-E-CHIPOTLE) and Alternate California Code Option: Model: SS-4035-E-CHIPOTLE-CALI
   a. Separate circuit not required. Window pre-wired to power and sync operation with air curtain.
3. Ambient Air Curtain for Alternate Impact-Resistant and Florida Product Approved Option (Model: BP-7241E-IP-CHIPOTLE):
   a. Connect to main control board on window to power and synchronize operation with opening and closing of window.

B. ReadyAccess Electrical Windows: 115V / 60 Hz, 15-amp dedicated circuit required. Run power to header on fixed panel side.

1. AA300 Heated Air Curtain
   a. Separate 208V /60 hz /40-amp single phase circuit required.
2. AA100 Ambient Air Curtain (Standard and CA window)
   a. Separate 120V / 60hz / 15-amp single phase circuit required. Run power to center of window above header.

3.1 Installation

A. Install in accordance with manufacturer's instructions.
B. Install pass-thru windows plumb, level, square, true to line, and without warp or rack. Maintain dimensional tolerances and alignment with adjacent Work.
C. Install thermal isolation where components penetrate or disrupt building insulation. Pack fibrous insulation in shim spaces at perimeter of assembly to maintain continuity of thermal barrier.
D. Install pass-thru window components weathertight.
E. Anchor pass-thru windows securely in place to supports. Use attachment methods permitting adjustment for construction tolerances, irregularities, alignment, and expansion and contraction.
F. Separate aluminum from other metal surfaces with bituminous coatings or other means approved by Architect.
G. Coordinate installation of related sheet metal flashing as specified in Section 07 62 00 - Sheet Metal Flashing and Trim.
H. Install perimeter joint sealants as specified in Section 07 91 23 - Backer Rods.

SECTION 08710 - DOOR HARDWARE

1.1 General: Provide door hardware as shown and specified.

A. Standards: Materials and installation shall conform to the following:
   1. ANSI A117.1-2009 Accessible and Usable Buildings and Facilities.
   2. ANSI/BHMA A156 Series Builders Hardware

B. Quality Assurance:
   1. Codes and standards: Provide hardware complying with local Building Code requirements and the Tenant's standards for keying and security systems.
   2. Project scheduling: Performed by an Architectural Hardware Consultant (AHC).
   3. Package each item of hardware and each lockset, complete with all screws, anchors, installation instructions and templates. Identify package indexing with corresponding item number of the hardware schedule.
   4. After hardware schedule acceptance, provide necessary templates or physical hardware to required trades for cutting, reinforcing, or preparing their products to receive hardware. Furnish templates to metal door manufacturer's.

2.1 Materials:

A. No substitutions allowed. Requirements for manufacturer, design, grade, function, finish, size and other distinctive qualities of each type of door hardware are indicated on the drawings.

B. Review the keying system with the Tenant and provide the type required.

3.1 Installation

A. Install each hardware item in strict accordance with manufacturer's installation instructions and recommendations. Securely fasten all attached parts. Fit faces of mortised parts snug and flush. Verify operating parts move freely and smoothly without binding or sticking, without excessive clearance.

B. Set units level, plumb and true to line and location. Adjust and reinforce attachment substrate as required for proper installation and operation. Drill and countersink units that are not factory prepared for anchorage fasteners. Space fasteners and anchors in accordance with industry standards.

C. Mount hardware units at heights indicated in DHI "Recommended Locations for Builders Hardware", unless otherwise required to comply with requirements of governing codes and regulations. Conform to ANSI A117.1 and ADAGG guidelines for accessibility.
   1. Top Butts: 5 inches; top of butt from head of frame.
   2. Middle Butts: 3'-2", centerline from finish floor.
   3. Bottom Butts: 5 inches; finish floor to bottom of butt.
   4. Locks: centerline from finish floor per hardware schedule.
   5. Knobs: 3'-2", centerline from finish floor.
   6. Pulls: centerline from finish floor per hardware schedule.
   7. Pushes: centerline from finish floor per hardware schedule.

SECTION 08800 - GLAZING

1.1 General: Provide glass and glazing as shown and specified.

A. Standards: Materials and installation shall conform to the following:
   1. CPSC 16 CFR Part 1201 (1-91)"Safety Standard for Architectural Glazing Materials."
   2. GANA "Glazing Manual - 1990."

B. Quality Assurance:
   1. Codes and standards: Provide type of glass and glazing products that comply with ANSI Z97.1 and testing requirements of 16 CFR Part 1201 for category II materials. Comply with all applicable codes, standards and regulations that control safety glazing materials and installation.
   2. System Performance: Provide glass and glazing that has been produced, fabricated and installed to withstand normal thermal movement, wind loading and, where applicable, impact loading, without failure including loss or breakage of glass, failure of glazing sealants or gaskets to remain watertight and airtight, deterioration of glass and glazing materials and other defects in the work.
   3. Installation: Performed only by experienced glaziers.

C. Warranty:
   1. Insulating glass: Five years from date of installation against defects that materially obstruct vision through the glass or affect thermal and physical integrity.

2.1 Materials:

A. Glass:
   1. Float Glass (FG): 1/4" thick clear float glass.
   2. Tempered Glass (TG): 1/4" and 1/2" thick clear, tempered safety glass, free-of-tong marks.
   3. Insulating Glass (IGL): 1" thick clear, low-e tempered sealed glass; 1/4" thick interior and exterior glass lites with 1/2" aluminum desiccated dual sealed air space; with the following characteristics:
      a. Low-emissivity coating on #2 surface.
      b. Visible Light Transmittance: 64% - 70%
      c. Visible Light Reflectance - Outdoors: 9%-11%
      d. Solar Energy Transmittance: 32%-34%
      e. Solar Energy Reflectance-Outdoors: 30%-34%
      f. U-Value - Winter Night: 0.29
      g. U-value - Summer Night: 0.28
      h. Solar Heat gain Coefficient: 0.25-0.39
      i. Shading Coefficient: 0.43-0.45
      j. Manufacturers/Products:
         i. AGC/Comfort Ti-AC40, or similar to meet code
         ii. Sun Guard/SN-68, or similar to meet code
         iii. PPG/Solarban 60, or similar to meet code
         iv. Viracon/VE1-2M, or similar to meet code
   4. Spandrel Glass (SG) 1/4" thick, Spandrel Ceramic Glass, (Color: GrayBlack or as noted on drawings) by Old Castle Building Envelope (419) 666-2000, Contact: Doug Dewar
   5. Frosted Window Film, 3M Dusted Crystal Translucent Window Film. Apply on the interior side of glazing.

B. Glazing Materials:
   1. Glazing Sealants: Provide elastomeric glazing sealants suitable for applications indicated; compatible with one another and with other materials they will contact, complying with ASTM C920.
   2. Glazing Tape: Provide preformed, non-staining and non-migrating elastomeric tape, as recommended by tape and glass manufacturers for application indicated, complying with ASTM C 1281.
   3. Glazing gaskets: Provide manufacturer's standard snap-on aluminum stops and neoprene, vinyl or EPDM glazing gaskets.
   4. Provide setting blocks, spacers and edge blocks of material, size, and shape complying with referenced glazing standard, and compatible with surfaces contacted in installation.

C. Fabrication: Factory fabricate and size all glass.

3.1 Installation

A. Preparation:
   1. Field verify measurements and conditions of installation.
   2. Examine all details. Provide proper fitting to details indicated.
   3. Glazing channel dimensions shown are intended to provide for necessary bite on glass, minimum edge clearance and adequate glazing materials thickness, with reasonable tolerances. Adjust as required by job conditions at time of installation.

B. Install glass and glazing in accordance with the GANA "Glazing Manual" and glass manufacturer's recommendations.
   1. Install insulating glass units to comply with recommendations by Sealed Insulating Glass Manufacturers Association (SIGMA).

C. Install setting blocks of proper size at quarter points of sill rabbet. Provide spacers as required.

D. Install glazing sealants, tapes and gaskets in accordance with manufacturer's recommendations. Set glass without springing and install securely to prevent rattling or breakage.

E. Protect glass from breakage during remaining construction. Do not remove non-permanent labels until final acceptance.

DIVISION 9 -- FINISHES

SECTION 09260 - GYPSUM BOARD SYSTEMS

1.1 General: Provide gypsum board systems as shown and specified.

A. Standards: Materials and installation shall conform to the following:
   1. GA 214-90 "Levels of Gypsum Board Finish."
   2. GA-216 "Specifications for Application and Finishing of Gypsum Board."
   3. USG "SA923 Drywall/Steel Framed Systems."

2.1 Materials:

A. Manufacturer: United States Gypsum Co. (USG), (800) 874-4968, internet www.usg.com.

B. Metal framing: Comply with ASTM C 754 and ASTM C 645 for materials and sizes.
   1. Partition metal framing:
      a. Studs: Galvanized steel, C-shaped, sizes indicated, 20 gage "ST20"
      b. Runners: Match studs, type recommended by stud manufacturer for floor and ceiling support of studs. Provide flexible ceiling runners for full height metal stud framed partitions continuous from floor to underside of structural members or deck above.

C. Ceiling and Soffit metal framing/suspension systems:
   1. Small areas: Metal stud framing of appropriate size and gage for spans indicated.
   2. Large areas: Furring channel "Grillage" or "Direct Suspension System" designed for concealed support of gypsum board ceilings, of proper type for use indicated.
   3. Furring members: 20 gage, galvanized steel screw type, hat-shaped furring.

D. Gypsum board panels: USG "Sheetrock" complying with ASTM C1396, tapered edge face panels, 48" wide, in maximum lengths available to minimize end joint conditions, 5/8" thick.
   1. General use panels: Sheetrock Regular panels.
   2. Fire rated panels: Sheetrock Firecode Core panels.
   3. Water-resistant: panels: Sheetrock HUMITEK panels.

E. Cement board: USG DUROCK Cement Board, 5/8" thick x manufacturer's standard width, complying with ANSI A118.9, and in maximum lengths available to minimize end-to-end butt joints.

F. Fasteners: USG Type "S" bugle head screws for metal framing, USG Type "W" bugle head screws for wood framing, manufacturer's recommended length for panel thickness indicated.

G. Trim: Galvanized steel with knurled and perforated flanges. USG Dur-A-Bead corner bead, No. 200B casing bead metal trim, No. 093 Control Joint.

H. Joint treatment: USG Joint Treatment System, utilizing "Sheetrock Brand Joint Tape", and "Sheetrock Brand Setting-Type (DURABOND)" compound for tape bedding and topping.

I. Adhesives: USG "Sheetrock Brand Setting-Type (DURABOND) 210 or 90" compound for tape bedding and topping.

J. Acoustical sealant: USG Sheetrock Acoustical Sealant, water-base type, gunnable sealant for sealing sound-rated gypsum board systems.

K. Sound attenuation insulation: USG Thermafiber unfaced 3-1/2" thick, mineral fiber insulating batts/blankets; standard lengths and widths required to coordinate with spaces insulated.

3.1 Installation

A. Install metal wall and partition framing and ceiling suspension/ support systems in accordance with USG Bulletin SA 923 and complying with ASTM C754.
   1. Ceiling suspension/ support systems: Metal furring system/direct suspension or steel stud framing system.
   2. Wall and partition framing:
      a. Install steel studs per schedule or at spacing indicated with bottom and top runner tracks anchored to substrates. Provide flexible ceiling runner tracks at full height partitions.
      b. Terminate partition stud system 4" above ceilings, except where indicated to be extended to structural support or roof deck above. Brace tops of partition framing to structure or roof deck at maximum 4'-0" on center spacing.
      c. Frame openings more than 2'-0" wide with two 20 gage studs at each jamb.
      d. Coordinate the installation of supplementary blocking and nailers, provided under Section 06100 work, to support shelving, millwork, toilet accessories, and similar work that cannot be adequately supported by gypsum board alone.

B. Application and Finishing: Install and finish gypsum board to comply with ASTM C 840 and Gypsum Association GA 216 "Recommended Specifications for the Application and Finishing of Gypsum Board."
   1. Screw fasten all gypsum board panels.
   2. Metal Trim: Install metal corner beads at external corners of gypsum board work and metal trim wherever edge of gypsum board would be exposed. Use longest practical lengths.
   3. Control Joints: Locate and install control joints in accordance with USG Bulletin SA923 "Good Design Practice" recommendations.

C. Acoustical Treatment:
   1. Where sound-attenuation insulation is indicated, seal gypsum board construction at perimeters, control joints, junction boxes, openings and penetrations with a continuous bead of acoustical sealant including a bead at both faces of partitions.
   2. Install sound attenuation insulation at scheduled partitions and ceilings. Install insulation in single layer of required thickness. Extend full thickness over entire area to be insulated. Cut and fit tight around obstructions. Fill all voids.
   3. At openings and cutouts, fill open spaces between edges of gypsum board and fixtures, cabinets, ducts, and other flush or penetrating items, with continuous bead of acoustical sealant.
   4. Seal sides and backs of electrical boxes to completely close up openings and joints with a bead of acoustical treatment.

D. Finishing:
   1. Comply with manufacturer's instructions for mixing, handling, and application of materials. Apply treatment at joints both directions, at flanges of trim accessories, penetrations of gypsum board (electrical boxes, piping, and similar work), fastener heads, surface defects, and elsewhere as indicated. Apply in manner that will result in each of these items being concealed when applied decoration has been completed.
   2. Apply joint tape at joints between gypsum boards, except where trim accessories are indicated.
   3. Interior Exposed Gypsum Board Finish: Level 5 finish.
      a. Locations: Typical for all walls and ceilings, unless otherwise indicated
      b. Finish interior gypsum board by applying the following joint compounds in four coats (not including prefill of openings in base), and sand between coats and after last coat:
      c. Embedding and First Coat: Setting-type joint or taping compound.
      d. Fill (Second) Coat: Setting-type topping compound.
      e. Fill (Third) Coat: Setting-type topping compound.
      f. Finish (Fourth) Coat: Skim coat entire surface.

   4. Interior Concealed Gypsum Board: Level 3 Partial Finishing.
      a. Finish concealed gypsum board construction that requires finishing same as exposed gypsum board construction, except the third coat and sanding can be omitted.

E. Cement Board: Install cement board as a 16" high base at all kitchen and kitchen cook line wall types as indicated on drawings.

SECTION 092816 - GLASS-MAT FACED GYPSUM BACKING BOARDS

1.1 General: Provide Fiberglass-mat faced, moisture resistant gypsum backer board as shown and specified.

A. Standards: Materials and installation shall conform to the following:
   1. ASTM C840 Standard Specification for Application and Finishing of Gypsum Board.
   2. ASTM C1002 Standard Specification for Steel Self Piercing Tapping Screws for the Application of Gypsum Panel Products or Metal Plaster Bases to Wood Studs or Steel Studs
   3. ASTM C1178 Standard Specification for Glass Mat Water-Resistant Gypsum Backing Panel
   4. ASTM D3273 Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber
   5. ASTM D6329 Standard Guide for Developing Methodology for Evaluating the Ability of Indoor Materials to Support Microbial Growth Using Static Environmental Chambers.
   6. ASTM E96 Standard Test Methods for Water Vapor Transmission of Materials
   7. Tile Council of North America, Inc. (TCNA): TCA Handbook for Ceramic Tile Installation, Current Edition.

2.1 Materials:

A. Manufacturer: Georgia-Pacific Gypsum LLC, (800) 225-6119, internet: www.buildgp.com

B. Fiberglass-Mat Faced Gypsum Backing Board: DensShield Fireguard Tile Backing Board complying with ASTM C1178, Type X, Square edges, 4' wide in maximum lengths available to minimize end joint conditions, 5/8" thick. Surfacing: Coated fiberglass mat on face, back and long edges.
   1. General use panels: 5/8" DensShield Fireguard Tile Backer, Georgia-Pacific Gypsum.

C. Fasteners: Screws meeting ASTM C1002, with corrosion resistant treatment. Size and type per manufacturer's recommendations:
   1. Walls (Steel Frame): Bungle head, fine thread, sharp point rust resistant drywall screw
   2. Walls (Walls Frame): Bungle head, coarse thread, sharp point rust resistant screw

D. Metal Framing, Trim, joint treatment, adhesives, acoustical sealant, and sound attenuation insulation: Refer to Section 09260 Gypsum Board Systems

3.1 Installation

A. Install DenShield at all tile walls excluding hood area as indicated on drawings.

B. General: Install in accordance with ASTM C840, manufacturer's recommendations and TCA Handbook for Ceramic Tile Installation.
   1. Manufacturers Recommendations: refer to Current "Product Catalog", Georgia Pacific Gypsum.
      a. Attach DensShield Tile Backer with grey side facing the interior. Tile should be applied on the grey coated side of DensShield Tile Backer. Cut panel to required size and make cutouts. Fit ends and edges closely. Do not leave gaps between panels.
      b. DensShield Tile Backer may be cut by using a utility knife to score, then snap, working from the grey face side.
      c. For walls, when used as a tile substrate a minimum 20-gauge steel or wood framing should be spaced no greater than 24" o.c. for 5/8" DensShield Tile Backer. Board can be applied horizontally or vertically.
      d. Fasteners shall be spaced 6" o.c. for walls for wood and steel framing. Do not countersink. Drive fasteners flush with grey coated surface. See manufacturer installation Fastener Guide for proper selection.
      e. In all corners, imbed with a bead of flexible sealant when installing panels into corner. Apply self-adhesive 2" wide fiberglass mesh tape and bed tape on all joints and corners with material used to set tiles.
      f. Caulk or seal fixture/plumbing penetrations and abutments to dissimilar materials.
      g. Do not use all purpose joint compound or tape in wet areas.
      h. Do not apply DensShield Tile Backer directly to concrete or masonry block. Framing or furring of the walls is necessary.
      i. DensShield Tile Backer should not be used for exterior installations.
      j. DensShield Tile Backer panels should not be used as a base for nailing and mechanical fastening.
      k. DensShield Tile Backer has a built in moisture barrier. Never install vapor retarders directly behind DensShield Tile Backer panels. In retrofit applications, some paints or other wall coverings may constitute a vapor barrier; remove or effectively penetrate these coverings prior to installing DensShield Tile Backer panels.

C. Refer to Section 09260 Gypsum Board Systems for additional installation and sound treatment instructions

SECTION 09330 - QUARRY TILE

1.1 General: Provide quarry tile flooring and base as shown and specified.

A. Standards: Materials and installation shall conform to the following:
   1. ANSI A137.1 "Ceramic Tile."
   2. TCA "Handbook for Ceramic Tile Installation."

2.1 Materials:

A. Manufacturers:
   1. Quarry Tile: Daltile, (877) 556-5728, internet: http://daltile.com
      a. For ordering purposes, email all orders to chipotle@daltile.com
   2. Waterproofing, Setting and Grouting Materials:
      a. Setting and Grouting Materials and Tile Base Membrane: Mapei
         i. For ordering purposes, email all orders to chipotle@daltile.com
         ii. For technical questions, contact Mapei, (800) 992-6273, internet: www.mapei.com

B. Quarry Tile: Daltile 6" x 6" x 1/2" Quarry Textures with 5" base as scheduled on finish plan and appropriate trim; Color: "Ashen Gray" 0T03
   1. Entire Kitchen Area: Provide non-abrasive finish quarry tile.
   2. Rest Rooms: Provide non-abrasive finish quarry tile.
   3. Outside Corner Cove Base (Kitchen): #QC-(L or R)-3565 5" x 6"
   4. Inside Corner Cove Base: #QB-3565 1" x 5"
   5. Bullnose Coveless Base: #Q-1665, 6" x 6".
   6. Bullnose Corner Coveless Base: #QCRL-1665, 6" x 6".

C. Waterproofing for elevated floor slabs: Mapei, Mapelastic AquaDefense, Premium Waterproofing and Crack Isolation Membrane
D. Setting Adhesive: Mapei, Ultraflex 3, Color: Gray
E. Grout: Mapei, Kerapoxy IEG CQ, Color: #9, "Gray", 1/4" grout joints.
F. Quarry Tile Base Membrane: Mapei, Mapelastic AquaDefense, Premium Waterproofing and Crack Isolation Membrane

3.1 Installation

A. Preparation: Clean substrate surfaces, scheduled to receive quarry tile, thoroughly and remove all coatings that may impair bond.
   1. Center tile fields both directions in each floor area. Adjust layout to minimize tile cutting. Avoid tile less than one-half size. Locate cuts to be least conspicuous.
   2. Maintain units uniformly "in plane." Provide straight, uniform joint widths and grout lines.

B. Elevated Floor Slabs: Install waterproofing membrane at elevated floor slab surfaces scheduled to receive quarry tile floor finish. Install membrane materials in accordance with manufacturer's installation instructions to produce a waterproof membrane of uniform minimum 30 mil thickness bonded securely to substrate.
   1. Extend waterproofing up vertical wall surfaces minimum 10" high.
   2. Extend membrane down into floor drain flanges to assure continuous waterproofing at drainage points.

C. Wet Areas: Install waterproofing membrane at all quarry tile wall base. Install membrane materials in accordance with manufacturer's installation instructions to produce a waterproof membrane of uniform minimum 30 mil thickness bonded securely to substrate.
   1. Extend waterproofing up all vertical wall surfaces receiving quarry tile base minimum 10" high. Extend waterproofing membrane 10" minimum horizontally from all vertical wall surfaces receiving quarry tile base.

D. Installation: Install, grout and clean ceramic tile in accordance with referenced TCA installation details and ANSI standard specifications for setting methods scheduled.
   1. Floors: Latex-portland cement mortar on concrete; TCA detail F113 and ANSI A108.5, grout ANSI A108.10.
   2. Base: Latex-portland cement mortar on cement board.

SECTION 09340 - CERAMIC TILE

1.1 General: Provide ceramic wall tile as shown and specified.

A. Standards: Materials and installation shall conform to the following:
   1. ANSI A137.1 "Ceramic Tile."
   2. TCA "Handbook for Ceramic Tile Installation."

2.1 Materials:

A. Manufacturers:
   1. Ceramic Tile and Accent Tile: Daltile, P: (877) 556-5728, internet: http://daltile.com
      a. For ordering purposes, email all orders to chipotle@daltile.com

B. Ceramic Tile:
   1. Kitchen Tile, or as noted in plans, Series - Finish Line Glazed Ceramic Tile:
      a. Color - White FL90, Semi-Gloss, Size - 4 x 16, Pattern - Stacked Bond
   2. Accent Tile, Series - Color Wheel Glazed Ceramic
      a. Color - Chipotle Brick Metallic 1.0 #9999710686, Size - 3 x 12, Pattern - Stacked Bond
      b. Alternate Accent Tile only when approved by Arch PM and Chipotle DM
         i. Series - Remedy, Color - Alchemy RD25, Size - 2 x 9, Pattern - Stacked Bond
         ii. Series - Marrazzi, Color - Artesen AT25, Size - 2 x 4, Pattern - Brickjoint Mosaic

C. Setting Adhesive: Thinset Mortar, Mapei, Ultraflex LFT - Gray

D. Grout:
   1. Kitchen Tile or as noted in plans
      a. Mapei, Series - Flexcolor CQ - Gray #09, 1/8" grout joints.
   2. Accent Tile
      a. Mapei, Series - Flexcolor CQ - Chocolate #07, 1/8" grout joints.

3.1 Installation

A. Preparation: Clean substrate surfaces scheduled to receive ceramic tile thoroughly and remove all coatings that may impair bond.
   1. Protect surrounding work from damage.
   2. Remove any curing compounds or other contaminates.
   3. Vacuum clean surfaces and damp clean.
   4. Install cementitious backer board or glass-mat faced gypsum backing board as indicated in drawings in accordance with ANSI A108.11 and board manufacturer's instructions. Tape joints and corners, cover with skim coat of dry-set mortar to a feather edge.
   5. Prepare substrate surfaces for adhesive installation in accordance with adhesive manufacturer's instructions.

B. Kitchen:
   1. Install, grout and clean ceramic tile in accordance with referenced TCA installation details and ANSI standard specifications for setting methods scheduled.
   2. Lay tile in horizontal stack bond, following detail drawings for layout considerations. Horizontal rows of tile shall be full-height courses, unless noted otherwise.
   3. Arrange pattern so that a full tile or joint is centered on each wall horizontally and that no tile less than 1/2 width is used at the ends of the wall. Exception: when one end of the wall is a tile-to-gypsum board transition. Do not interrupt tile pattern through openings.
   4. Use specified stainless steel corner guards at tile-to-tile and tile-to-FRP outside corners.
   5. Use corner bead of 100% silicone sealant, color to match grout, at inside corners where tile meets tile.
   6. Use corner bead of 100% silicone sealant, white, at inside corners where tile meets paint gyp. board, tile meets FRP or tile meets aluminum.
   7. Cut and fit tile to penetrations through tile, leaving sealant joint space. Place tile joints uniform in width, subject to variance in tolerance allowed in tile size. Make joints watertight, without voids, cracks, excess mortar, or excess grout.
   8. Sound tile after setting. Replace hollow sounding units.
   9. Keep expansion joints free of adhesive or grout. Allow tile to set for a minimum of 48 hours prior to grouting. Apply sealant to junction of tile and dissimilar materials and junction of dissimilar planes. Refer to section 07900 Joint Sealers.
   10. Clean tile and grout surfaces.

WILKUS ARCHITECTS

CLIENT:
CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2023
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 5081
"146th & HAZEL DELL PARKWAY"
TBD 146th & HAZEL DELL PARKWAY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO. 2023-0238
DRAWN BY RDB, THV
CHECKED BY

ISSUE RECORD:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

REVISIONS:

TITLE:
ARCHITECTURAL SPECIFICATIONS

SHEET NUMNBER:
G015

SECTION 09510 - SUSPENDED CEILING SYSTEMS

1.1 General: Provide acoustical ceiling systems as shown and specified.

A. Standards: Materials and installation shall conform to the following:
1. CISCA "Acoustical Ceilings - Use and Practice."
2. ASTM C635.
3. ASTM C636.

B. Related Sections:
1. 09515 Cementitious Wood Fiber Acoustical Panels: Suspension system.

2.1 Materials:

A. Manufacturer:
1. USG Interiors, Inc., (800) 950-3839, www.usg.com
2. Pittcon Industries, (800) 637-7638, www.pittconindustries.com

B. Ceiling Panels: USG "Sheetrock Lay-In ClimaPlus No. 3270" ceiling panels with white, stipple texture, vinyl facing, 24" x 48" x 1/2".

C. Light Pocket: Pittcon "LP-700-800", White, Height of cove should be field verified by GC to end on a full tile height.
1. Light pocket can have up to 6 week lead time and should be ordered as soon as possible.
2. Light pocket endcap should only be installed when the end of the cove is not against a wall.

D. Suspension System: Provide intermediate duty, structural class, direct hung systems adequate to support light fixtures, ceiling diffusers and other normal accessories.
1. Exposed "Tee" Grid System for use with Lay-In Ceiling panels: USG "Donn DX System" non-fire rated with 15/16" exposed face, cold-rolled galvanized steel with aluminum face cap, white paint finish on exposed surfaces. Provide hemmed edge aluminum wall angles, 15/16" exposed leg, white paint finish matching exposed grid.
2. Concealed "Tee" Grid System for use with Painted Gypsum Board Ceilings & Soffits or with Cementitious Wood Fiber Acoustical Panels (Tectum): USG "DGLW" Heavy Duty Drywall Suspension System with 1 5/8" deep by 1 1/2" wide main tees and 1 1/2" deep by 1 1/2" wide cross tees.
3. Hanger Wire: No. 12 SWG galvanized steel wire.
4. Heavy Duty "Tee" Grid System for use with Felt Baffle Ceiling System: USG Donn Brand DX/DXL with 15/16" wide face tees, color: black

3.1 Installation

A. Install acoustical ceiling materials and suspension systems in strict accordance with manufacturer's recommendations, complying with governing regulations and industry standards applicable to the work.

B. Suspension system installation shall be laser leveled with a maximum surface leveling tolerance of 1/8" in 12'-0".

C. Install exposed Tee suspension systems with main tees nominally 12 ft long spaced 48 in O.C. and cross tees nominally 4 feet long spaced 24 in O.C.

D. Install concealed Tee suspension systems with main tees nominally 12 ft long spaced 24 inches O.C. and cross tees nominally 2 ft long spaced 48 in O.C.

E. Hanger wire shall be spaced 48" O.C. along main tees, at all four corners of light fixtures (where applicable), at midpoint of cross tees adjacent to light fixtures and duct outlets, and adjacent to main tee splices.

F. Secure wire hangers by looping and wire-tying either directly to building structure or to hangers that are secure and appropriate for substrate.

G. Provide edge trim molding at perimeter of acoustical ceiling installation and intermediate vertical surfaces. Use maximum lengths. Miter trim corners to Provide tight, accurate joints. Connect moldings securely to substrate surfaces.

SECTION 09653 - RUBBER WALL BASE

1.1 General: Provide resilient rubber wall base as shown and specified.

A. Standards: Materials and installation shall conform to the following:
1. ASTM D 2240 Rubber - 85 Shore A

2.1 Materials:

A. Manufacturer: Johnsonite, Inc., (800) 899-8916, internet: www.johnsonite.com
1. Basis-of-Design Product Rubber Wall Base:
a. Resilient Rubber:
1. .125" (3.17 mm) Thickness
2. "Black" color
3. Straight (toeless) or coved as specified on finish plan
4. Inside and outside corners with 4" returns.

B. Alternate Wall Base only when approved by Arch PM and Chipotle DM.
1. Vinyl Wall Base
a. .125" (3.17 mm) Thickness
b. "Black" color
c. Straight (toeless) or coved as specified on finish plan
d. Inside and outside corners with 4" returns.

C. Setting Adhesive:
1. For porous surface applications: Johnsonite 960 Acrylic Cove Base Adhesive.
2. For non-porous surface applications: Johnsonite 946 Contact Bond Adhesive or polymer based alternative.

3.1 Installation:

A. Preparation: Clean substrate surfaces scheduled to receive resilient rubber and vinyl wall base thoroughly and remove all coatings that may impair bond. A uniform temperature of at least 65 degrees Fahrenheit shall be maintained for 24 hours before, during and after the installation is completed. The wall base and adhesives shall be conditioned in the same manner. Coiled wall base shall be uncoiled and lay flat for at least 24 hours at 65 degrees Fahrenheit prior to installation. Floor and walls shall be clean, dry, and free of dust, all paints, wallpaper, and all other foreign material, which may affect proper adhesive bonding. Wall base may be installed on interior plaster, gypsum wall board, concrete, masonry, mineral-reinforced cement board or similar porous surfaces. Wall base shall not be installed on surfaces that will be exposed to drastic temperature changes or moisture.

B. Application: Use a 1/8" square notch trowel to apply adhesive. Allow adhesive to set up and then apply wall base in accordance with manufacturer's instructions.

SECTION 09770 - SPECIAL WALL SURFACING - PHENOLIC INTERIOR WALL PANELS

1.1 General: Provide Stonewood solid phenolic panels and accessories for interior walls and millwork as shown and specified.

1.2 Related Sections:

A. Section 05400 - Cold Formed Metal Framing

B. Section 06210 - Finish Carpentry and Millwork

C. Section 07900 - Joint Sealers

D. Section 09260 - Gypsum Board Systems

1.3 Standards: Materials and construction shall conform to the following:

A. ASTM D638 - 10 Standard Test Method for Tensile Properties of Plastics.

B. ASTM D790 - 10 Standard Test Methods for Flexural Properties of Unreinforced and Reinforced Plastics and Electrical Insulating Materials.

C. ASTM E84 - 12 Standard Test Method for Surface Burning Characteristics of Building Materials.

D. NEMA Standards Publication LD3-2005. High pressure decorative laminates.

1.4 Design/Performance Requirements:

A. Design and size of wall panel assemblies including wall panels, mounting system to support weight of panels.

B. Allow for thermal movements from ambient and surface temperature changes by preventing buckling, opening of joints, overstressing of components, failure of joint sealants, failure of connections, and other detrimental effects. Base calculations on expected movement of material as defined in fabrication guidelines.

1.5 Quality Assurance:

A. Manufacturer's Qualifications:
1. Sufficient plant facilities to provide quality and quantity of materials as required without delaying progress of work.
2. Minimum of 40 years of experience in paper saturation of phenolic resin, and producing phenolic paper laminate.

B. Fabricator:
1. Fabricated by the manufacturer, and/or;
2. Contracted by the customer, minimum 5 years' experience in fabrication work for the size and complexity of the projects.

C. Installer
1. Proven professional installer with a minimum of 5 years of documented experience.
2. Approved by the manufacturer.

1.6 Delivery, Storage and Handling:

A. Refer to Section 01400 Quality Requirements.

B. Delivery: Deliver materials in manufacturer's original unopened containers/packages, with labels clearly identifying product name, manufacturer, color/texture and weight.

C. Storage:
1. Keep panels dry and stored indoors in original packaging until installation.
2. Store Stonewood panels on a smooth, dry, flat surface, making sure there are no bends or bowing in the load.
3. Do not store directly on cold concrete floors as moisture may migrate.
4. Do not store under heating units or air conditioning units.
5. Keep load stored within outer wrap until use. Remove pallet straps once load is moved to storage area.
6. Reseal plastic wrap if partial load is used.
7. Keep foam dividers in place.

D. Handling:
1. Handle materials in accordance with manufacturer's instructions.
2. Protect materials during handling to prevent damage.
3. When moving sheets, lift evenly to avoid dragging panels across each other and scratching the surface. PLEASE TAKE CARE NOT TO SCRATCH THE SURFACE OF THE PANEL DURING HANDLING, MACHINING AND INSTALLATION.

1.7 Warranty:

A. Limited Warranty: Fibbers warrants Stonewood for a period of 10 years. Refer to www.stonewoodpanels.com for details.

1.8 Project Conditions:

A. Environmental Limitations: Buildings are to be fully enclosed prior to installation with sufficient heat (70 degrees) and ventilation consistent with good working conditions for finish work.

B. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

C. Field Measurements: Verify locations of structural members and wall opening dimensions by field measurements before composite wall panel fabrication and indicate field measurements on Shop Drawings.

2.1 Manufacturer:

A. Fiberesin Industries, Inc. PO Box 808, Oconomowoc, WI 53066. Phone: (262) 567-4427, Fax: (262) 567-4814, Web Site: www.stonewoodpanels.com Email: info@fiberesin.com

B. Made in the United States from materials sourced in the USA.

2.2 Application:

A. Apply Solid Phenolic Laminate Wall Panels at walls and other surfaces as indicated on the Drawings. Phenolic Wall Panels are architectural wall panels applied over a sheathed stud wall or other solid blocking per Drawings.

2.3 Interior Stonewood:

A. Material: Solid phenolic laminate panel w/o overlay.
B. Color: Black ND
C. Finish: Matte
D. Standard Size: 48"x96", fabricator to trim height to 47"
E. Panel Thickness: 5/16", 1/2"
F. Panel Core: HR Black

2.4 Minimum Material Properties

A. NEMA Requirements:

Description	NEMA Requirements	
Dimensional Change:	3.11	
Length (Machine Direction)	0.3% Maximum	0.25%
Width (Cross Direction)	0.7% Maximum	0.50%
Density (PCF)	82	

B. Mechanical Properties:

Property	NEMA Requirements	
Flexural Strength ASTM D-790		
MD (psi)	18,000	20,000
CD (psi)	12,000	16,000
Flexural Modulus ASTM D-790		
MD (psi)	1.6x10^6	2.0 x10^6
CD (psi)	1.4x10^6	1.5x10^6
Tensile Modulus ASTM D-638		
MD (psi)	18,000	18,000
CD (psi)	12,000	13,000

C. Fire Resistance:

	Class A (0.250")	Class B (0.250")
Flame Spread Index - ASTM E-84 (BLDG):	5	30
Smoke Developed Values - ASTM E-84 (BLDG):	5	105
Fire Rating (Standard Product is Class B):	A	B

D. Manufacturing Tolerance:

Thickness (.156 to .375)	+/- .020
Thickness (above .375 to 1.000)	+/- .030
CNC Shaped Size (Length - Width)	+/- .020
Drill Diameter	+/- .003
Drill Depth	+/- .020
CNC Hole to Hole	+/- .020
CNC Hole to Edge (1 Oper)	+/- .020
CNC Hole to Edge (2 Oper)	+/- .030
Routing - (Slots Width and Length)	+/- .015
Routing - (Slots Depth)	+/- .020

2.5 Accessories (Fasteners):

A. Panel Fasteners: #10 x 1-1/4" flat Phillips head black oxide wood screws to be used with wood blocking and #10 x 1-1/4" flat Phillips head black oxide sheet metal screws to be used with sheet metal blocking as recommended by the manufacturer.
B. Provide exposed fasteners with heads matching color of composite wall panels by means of factory-applied coating.
C. Fasteners shall by designed to withstand effects of dead load and accommodate hydrothermal expansion/contraction of panel.
D. Wall Panel Accessories: Provide components required for a complete composite wall panel assembly including trim, flashings, sealants, gaskets, fillers, closure strips, and similar items. Match material and finish of composite wall panels unless otherwise indicated.

3.1 Manufacturer's Execution Instructions:

A. Compliance: Comply with manufacturer's/fabricator's/supplier's product data, handling and installation instruction/manual, shop drawings, shipping container/package ticket identification, etc.

3.2 Examination:

A. Verify correct panels received including dimension, tolerance, color/texture.
B. Verify correct attachment system received for the specific project/job.
C. Verify all the documents including shop drawing and installation guidelines.
D. Verify installation conditions are satisfactory to receive work of this section before the commencement
E. Verify substrate installation is complete, flat, and true to plane.
F. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.3 Preparation:

A. Field Measurements: Verify prior to fabrication and installation of the cladding panel.
B. Protect surrounding areas and surfaces to preclude damage during work of this section.
C. Lay out work before beginning installation as necessary for true, plumb and aligned panel installations.
D. Verify locations of joints and panel lengths.

3.4 Installation:

A. Conform to manufacturer's instructions and provisions of shop drawings.
B. Install to allow hydro-thermal expansion/contraction.
C. Use appropriate techniques/tools to work with the panel.
D. Do not force to fit, do not bend, stretch/compress.
E. Make cutting and fitting neat, square, and true. Where required cut, de-burr edges, and clean filings from adjacent surfaces.
F. Do not install damaged or questionable panels.
G. Install solid phenolic wall panels plumb and level and accurately spaced.
H. Anchor panels and other components of the work securely in place, with provisions for thermal and structural movement.
I. Shim or otherwise plumb substrates receiving composite wall panels.
J. Do not use construction adhesives to apply wall panels directly to substrates or wall board. Use mechanical fasteners only.

3.5 Erection Tolerances:

A. Shim and align composite wall panel units within installed tolerance of 1/4 inch in 20 feet, non-accumulative, on level, plumb, and location lines as indicated and within 1/8 inch offset of adjoining faces and of alignment of matching profiles.

3.6 Field Quality Control:

A. Manufacturer's Field Service: Provide field services to ensure product installation is in accordance with manufacturer's/fabricator's /supplier's instructions and installation manual, shop drawings etc.

3.7 Adjusting:

A. Correct identified defects and irregularities.
B. Replace damaged soiled, and discolored work.

3.8 Cleaning:

A. Leave installation clean and free from residue and debris from work of this Section.
B. Panels best cleaned with warm soapy water and rinsed with clear water; allowed to dry fully.

SECTION 09900 - PAINTS AND COATINGS

1.1 General: Provide paints and coatings as shown and specified.

A. Provide surface preparation, prime, intermediate and finish coatings for interior and exterior and existing scheduled surfaces and items.

B. Provide Tenant-selected finishes and colors for all exposed surfaces, unless otherwise indicated.

1.2 Related Documents:

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this section.

1.3 Summary:

A. This section includes surface preparation and field painting of the following:
1. Exposed exterior items and surfaces.
2. Exposed interior items and surfaces.
3. Surface preparation, priming, and finish coats specified in this Section are in addition to shop priming and surface treatment specified in other Sections.

1.4 Quality Assurance:

A. Applicator Qualifications: Engage an experienced applicator that has completed painting system applications similar in material and extent to that indicated for this Project with a record of successful in-service performance.

B. Source Limitations: Obtain block fillers, primers and undercoat materials for each coating system from the same manufacturer as the finish coats.

C. Provide lead free prime and finish coatings. All top coatings shall be mold and mildew resistant.

1.5 Delivery, Storage and Handling:

A. Deliver materials to the Project Site in manufacturer's original, unopened packages and containers bearing manufacturer's name and label, and the following information:
1. Product name or tile of material.
2. Product description (generic classification or binder type).
3. Manufacturer's stock number and date of manufacture.
4. Contents by volume, for pigment and vehicle constituents.
5. Thinning instructions.
6. Application instructions.
7. Color name and number.
8. VOC content

B. Store materials not in use in tightly covered containers in a well-ventilated area at a minimum ambient temperature of 45 degrees F (7 degrees C). Maintain containers used in storage in a clean condition, free of foreign materials and residue.
1. Protect from freezing. Keep storage area neat and orderly. Remove oily rags and waste daily. Take necessary measures to ensure that workers and work areas are protected from fire and health hazards resulting from handling, mixing and application.

1.6 Project Conditions

A. Apply water-based paints only when the temperatures of surfaces to be painted and surrounding air temperatures are between 50 and 90 degrees F (10 and 32 degrees C) unless otherwise stated on the technical data bulletin.

B. Apply solvent-thinned paints only when the temperature of surfaces to be painted and surrounding air temperatures are between 45 and 95 degrees F (7.2 and 35 degrees C).

C. Do not apply paint in snow, rain, fog, or mist, or when the relative humidity exceeds 85 percent, or at temperatures less than 5 degrees F (3 degrees C) above the dew point, or to damp or wet surfaces.
1. Painting may continue during inclement weather if surfaces and areas to be painted are enclosed and heated within temperature limits specified by manufacturer during application and drying periods.

2.1 Manufacturers:

A. Products: Subject to compliance with requirements, provide one of the products in the paint schedules.

B. Manufacturers Names: The following manufacturer is referred to in the paint schedule by use of shortened versions of the name, which is shown below:
1. PPG Industries, Inc.
2. Materials - No substitutions allowed.

2.2 Paint Materials, General

A. Material Compatibility: Provide block fillers, primers, undercoats, and finish-coat materials that are compatible with one another and the substrates indicated under conditions of service and application, as demonstrated by manufacturer based on testing and field experience.

B. Material Quality: Provide manufacturer's best-quality "professional" paint material of the various coating types specified. Paint-material containers not displaying manufacturer's product identification will not be acceptable.

Colors: Color guided selected by owner and will be strictly adhered too, unless otherwise noted.

C. Exterior Coatings:

Exterior Ferrous Metals:

Preparation: Remove all visible oil, grease, soil, rust and all other soluble contaminates from steel surface. Uniformly roughen surface with 150-grit paper. Remove all dust before solvent cleaning by the use of stiff bristle brush.
Prime: (1) coat PPG; 4020PF Series Pitt-Tech Plus Int/Ext DTM Acrylic Industrial Primer (90 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils.
Finish: (2) coats PPG; 4216 Plus HP Series Pitt-Tech Plus Semi-Gloss DTM Industrial Enamels (90 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils.
Application: Conventional or HVLP (high volume low pressure)

Exterior and Interior Gas Piping:

Preparation: Remove all visible oil, grease, soil, rust and all other soluble contaminates from pipe surface. Remove all dust before solvent cleaning by the use of stiff bristle brush.
Prime: (1) Coat PPG; 4020PF Series Pitt-Tech Plus Int/Ext DTM Acrylic Industrial Primer (90 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils.
Finish: (2) Coats PPG; 4216 Plus HP Series Pitt-Tech Plus Semi-Gloss DTM Industrial Enamels (90 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils
Application: Conventional or HVLP (high volume low pressure)

Exterior Patio Railing:

Preparation: Remove all visible oil, grease, soil, loose paint, rust and all other soluble contaminates from steel surface. Remove all dust before solvent cleaning SSPC-SP1 by the use of stiff bristle brush. SSPC-SP3 may be required as a more aggressive preparation to remove loose mill scale, loose rust, loose paint and other loose detrimental foreign matter from the surface. Performance is better with more aggressive preparation.
Prime: (1) coat PPG; 95-3300 Durathane DTM Urethane Mastic (250 g/L VOC): Applied at a dry film thickness of not less than 3.0 to 5.0 mils.
Finish: (1) coat PPG; 95-3300 Durathane DTM Urethane Mastic (250 g/L VOC): Applied at a dry film thickness of not less than 3.0 to 5.0 mils.
Application: Conventional or HVLP (high volume low pressure) be done with conventional spray or airless equipment or brush or roller.

Exterior Prefinished Metal Wall Panels:

Preparation: Before applying primer or other surface treatments, clean galvanized metal surface to SSPC-SP1 that could impair bond of the various coatings. Remove oil, grease and soap film before priming use of Krud Kutter Metal Clean & Etch may be required on bare or new galvanized. Surface must be clean, dry and free of contaminants, including salt deposits. Additional prep may be needed to SSPC-SP2. Schedule cleaning and painting so dust and other contaminants from the cleaning process will not fall on wet, newly painted surfaces.

Note: Some selected areas of bare concrete surfaces will require (1) coat of Perma Crete 4-603XI Alkali Resistant Concrete Primer before steel installation over all concrete surfaces.

Owner Option 1:
Prime: (1) coat XIM Primer Bond - Applied at a dry film thickness of not less than 1.5 to 2.0 mils.
Finish: (2) coats PPG; 90-1110 Series Pitt-Tech Satin DTM Industrial Enamels (90 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils.

Owner Option 2:
Prime: (1) coat PPG; 97-245 Pitt-Guard DTR Epoxy Mastic Primer (263 g/L VOC): Applied at a dry film thickness of not less than 4.0 to 7.0 mils.
Finish: (2) coats PPG; 95-3300 Durathane Urethane Mastic (240 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils.

Owner Option 3 (Low VOC):
Prime: (1) coat PPG; Amerlock 2 Fast Dry VOC Compliant Epoxy (84 g/L VOC): Applied at a dry film thickness of not less than 4.0 to 6.0 mils.
Finish: (2) coats PPG; Amershield VOC Aliphatic Urethane (84 g/L VOC): Applied at a dry film thickness of not less than 5.0 to 8.0 mils.

Application: Conventional or HVLP (high volume low pressure) be done with conventional spray or airless equipment or brush or roller.

Exterior Galvanized Metal:

Preparation: Before applying primer or other surface treatments, clean galvanized metal surface to SSPC-SP1 that could impair bond of the various coatings. Remove oil, grease and soap film before priming use of Krud Kutter Metal Clean & Etch may be required on bare or new galvanized. Surface must be clean, dry and free of contaminants, including salt deposits. Additional prep may be needed to SSPC-SP2. Schedule cleaning and painting so dust and other contaminants from the cleaning process will not fall on wet, newly painted surfaces.

Note: Some selected areas of bare concrete surfaces will require (1) coat of Perma Crete 4-503 Concrete Primer before steel installation over all concrete surfaces.

Owner Option 1:
Prime: (1) coat PPG; 6-209 SpeedHide Galvanized Metal Primer (400 g/L VOC): Applied at a dry film thickness of not less than 3.0 to 5.0 mils.
Finish: (2) coats PPG; 4216 Plus HP Series Pitt-Tech Plus Semi-Gloss DTM Industrial Enamels (90 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils.

Owner Option 2:
Prime: (1) coat PPG; 97-245 Pitt-Guard DTR Epoxy Mastic Primer (263 g/L VOC): Applied at a dry film thickness of not less than 4.0 to 7.0 mils.
Finish: (2) coats PPG; 95-3300 Durathane Urethane Mastic (240 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils.

Owner Option 3 (Low VOC):
Prime: (1) coat PPG; Amerlock 2 Fast Dry VOC Compliant Epoxy (84 g/L VOC): Applied at a dry film thickness of not less than 4.0 to 6.0 mils.
Finish: (2) coats PPG; Amershield VOC Aliphatic Urethane (84 g/L VOC): Applied at a dry film thickness of not less than 5.0 to 8.0 mils.

Application: Conventional or HVLP (high volume low pressure) be done with conventional spray or airless equipment or brush or roller.

WILKUS ARCHITECTS

CLIENT:

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2023
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 5081
"146th & HAZEL DELL PARKWAY"
TBD 146th & HAZEL DELL PARKWAY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO. 2023-0238
DRAWN BY RDB, THV
CHECKED BY

ISSUE RECORD:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

REVISIONS:

TITLE:
ARCHITECTURAL SPECIFICATIONS

SHEET NUMNBER:
G016

Exterior CMU Primer:

CMU Preparation: Mortar should cure for at least 30 days and preferably 90 days prior to priming. Fill block with an appropriate block filler. Surfaces previously coated with water thinned cement-based paint must be prepared with extra care. If the material appears to be adhering tightly, a masonry sealer may be applied to seal the surface. Check adhesion by applying a piece of masking tape. If the sealer peels off and has loose particles, remove all chalking or crumbling material, re-seal and re-check adhesion.

Field Preparation: Surfaces to be coated must be dry, clean, sound, and free from all contamination including loose and peeling paint, dirt, grease, oil, wax, concrete curing agents and bond breakers, chalk, efflorescence, mildew, rust, product fines, and dust. Remove loose paint, chalk, and efflorescence by wire brushing, scraping, sanding, and/or pressure washing. Putty all nail holes and caulk all cracks and open seams. Sand all glossy, rough, and patched surfaces. Feather back all rough edges to sound surface by sanding.

Prime: (2) Coats PPG; Speedhide Interior/Exterior Masonry Hi Fill Latex Block Filler

Application: Brush, Roll or Spray

Exterior Stucco/EIFS Surfaces (including wet areas):

Preparation: Remove all visible oil, grease, soil and all other foreign substances with cleaning solutions and/or scrapers. Allow to dry and sand all areas that need smoothing and dust off.
Prime: (1) coat PPG; 4-603 Perma-Crete Alkali Resistant Primer (100 g/L VOC): Applied at a dry film thickness of not less than 1.2 to 1.9 mils.
Finish: (2) coats PPG; 4-22 Perma-Crete Hi-Build Acrylic (100 g/L VOC): Applied at a dry film thickness of not less than 3.2 to 5.8 mils.
Application: Airless spray with back roll using 3/4" nap roller.

Exterior Wood:

Preparation: Remove all visible oil, grease, soil and all other foreign substances with cleaning solutions and or scrapers. Allow to dry and sand all areas that need smoothing and dust off.
Prime: (1) coat PPG; 17-921 Seal Grip Primer Sealer (100 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils.
Finish: (2) coats PPG; 70-501 Manor Hall Exterior Semi-Gloss or PPG Acri-Shield Semi-Gloss PP649 (50 g/L VOC): Applied at a dry film thickness of not less than 1.5 to 3.0 mils.
Application: Brush, Roll or Spray

D. Interior Coatings:

Interior Metals: (Doors, door frames, where indicated)
Preparation: Remove all visible rust, oil, grease, soil and all other foreign substances with cleaning solutions and/or scrapers. Allow to dry and sand all areas that need smoothing and dust off.
Prime: (1) coat PPG; 4020PF Series Pitt-Tech Plus Int/Ext DTM Acrylic Industrial Primer (90 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils. (Repaints only require spot prime on bare metal surfaces.)
Finish: (2) coats PPG; V-50-410 Breakthrough Semi-gloss Sheen Acrylic (250 g/L VOC): Applied at a dry film thickness of not less than 1.4 to 2.0 mils.
Application: Conventional spray, HVLP or Airless spray. Touch-ups shall be done with conventional spray or airless equipment or brush or roller.

Interior Metals: (Metal Deck if indicated on Finish Plan)
Preparation: Remove all visible rust, oil, grease, soil and all other foreign substances with cleaning solutions and allow to dry before priming.
Prime: (1) coat PPG; 4020PF Series Pitt-Tech Plus Int/Ext DTM Acrylic Industrial Primer (90 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils. (Primer only required on unpainted decking or to spot prime bare areas in decking.)
Finish: (2) coats PPG; 90-1110 Pitt-Tech Plus Satin Acrylic (100 g/L VOC): Applied at a dry film thickness of not less than 2.0 to 4.0 mils.
Application: Conventional spray, HVLP or Airless spray. Touch-ups shall be done with conventional spray or airless equipment or brush or roller.

Interior Gyp. Bd.:
Preparation: Remove all visible oil, grease, soil and all other foreign substances with cleaning solutions. Fill hairline cracks, holes and other defects with filler compatible with finish coats. Sand smooth all areas filled and/or areas to make a smooth overall finish.
Prime: (1) coat PPG; 9-900 Pure Performance Acrylic Primer (0 g/L VOC): Applied at a dry film thickness of not less than 1.4 to 2.0 mils. (Spot prime required only on repaint projects.)
Finish: (2) coats PPG; Pure Performance Zero VOC Eggshell 9-500 Series, sheen as shown on finish plan: Applied at a dry film thickness of not less than 1.5 to 2.0 mils.
Application: Conventional spray, HVLP or Airless spray. Touch-ups shall be done with conventional spray or airless equipment or brush or roller.

Interior Wood Trim and Plywood - Clear Polyurethane Finish:
(Plywood finishes shall be shop applied in a controlled environment)

Shop Preparation: Scuff sand between coats.

Shop Finish: (2) coat, ML Campbell Krystal conversion varnish, Clear Dull Sheen
Application: Spray

Field Preparation: All cuts in field are to be sanded smooth. Scuff sand between coats.

Field Finish: (2) coat, ML Campbell High Performance Pre-Cat Lacquer, Clear Dull Sheen
Application: Wipe on with t-shirt rag.

Exterior Traffic Safety Marking.:
Preparation: All surfaces must be clean, dry and free from oil, grease, antifreeze, loose sand, aggregate and chipping/peeling existing striping. Any curing compounds used on new concrete must be mechanically abraded off prior to striping. When striping on freshly sealed surfaces use caution as some sealers can affect the curing and adhesion of traffic paint. When in doubt, always test adhesion.

For complete drying and minimum dirt retention when striping parking lots, the lots should be closed to traffic for two hours minimum after painting. New asphalt and concrete should be allowed to cure for a minimum of 14 days to maximize adhesion and durability.

Owner Option 1:
Finish: (1) coat PPG; A-2886B Type II, White Zone Marking - Applied at a dry film thickness of not less than 8.6 mils.

Owner Option 2:
Finish: (1) coat PPG; A-2886B Type II, Yellow Zone Marking - Applied at a dry film thickness of not less than 8.6 mils

Application: Applying a test strip to determine dry to no- pickup time when the humidity is higher than 65%. Cone whenever necessary.
- Do not heat paint in striping system above 60 C.
- Do not apply when temperatures are below 3 C.
- Do not apply when rain is forecast.
- Do not apply when temperatures are near or below the dew point or rain is forecast within 1 hour.
- Do not thin more than 5% with acetone and then use immediately.
- Do not apply if temperature is expected to fall below freezing for 6 hours after application of paint.

Application Equipment: Apply with a high quality brush, roller, or by airless spray equipment.

Airless Spray: Pressure 2000 psi, tip 0.015" - 0.021"Spray equipment must be handled with due care and in accordance with manufacturer's recommendation. High-pressure injection of coating s into the skin by airless equipment may cause serious injury.
Brush: Polyester/Nylon Brush
Roller: All-purpose nap roller cover.

E. Color Guide: Refer to Finish Plan and drawings for exact location of all colors.

WHERE	WHAT	COLOR	SHEEN	FINISH TAG
Exterior Traffic Safety Marking	PPG A-2886B Type II, Low VOC Acrylic Fast Dry Solvent	PPG White Zone Marking	Satin	N/A
Exterior Traffic Safety Marking	PPG A-2886B Type II, Low VOC Acrylic Fast Dry Solvent	PPG Yellow Zone Marking	Satin	N/A
Exterior Galvanized Metal Flashing and Prefinished Metal Wall Panels	PPG Pitt-Tech Plus Satin Acrylic Finish 90-1110 Series	PPG 1001-6 "Knight's Armor"	Satin	N/A
Exterior (Roof Mounted) Gas Piping	PPG Pitt-Tech Plus Semi-Gloss Acrylic Finish 4216 Plus HP Series	Yellow	Semi-Gloss	N/A
Exterior and Interior Gas Piping, Where Exposed	PPG Pitt-Tech Plus Semi-Gloss Acrylic Finish 4216 Plus HP Series	Match surrounding finishes/verify with architect	Semi-Gloss	N/A
Exterior CMU Primer	PPG Speedhide Interior/Exterior Masonry Hi Fill Latex Block Filler	White	Flat	N/A
Exterior CMU	PPG Pitt-Tech Plus Semi-Gloss Acrylic Finish 4216 Plus HP Series	PPG 1001-6 "Knight's Armor"	Semi-Gloss	N/A
Exterior Ferrous Metals	PPG Pitt-Tech Plus Semi-Gloss Acrylic Finish 4216 Plus HP Series	PPG 1001-6 "Knight's Armor"	Semi-Gloss	N/A
Exterior Wood	PPG Manor Hall Acrylic Semi-Gloss 70-501 Series or PPG Acri-Shield Acrylic Semi-Gloss PP649 Series	PPG 1001-6 "Knight's Armor"	Semi-Gloss	N/A
Exterior Stucco and EIFS Patio and Wet Areas	PPG Perma-Crete High Build Acrylic Topcoat 4-22 Series	PPG 1001-6 "Knight's Armor"	Flat	N/A
Exterior Stucco and EIFS Patio and Wet Areas	PPG Perma-Crete High Build Acrylic Topcoat 4-22 Series	2 1010-1 "Pegasus"	Flat	N/A
Exterior Stucco and EIFS Patio and Wet Areas	PPG Perma-Crete High Build Acrylic Topcoat 4-22 Series	PPG 1058-7 "Autumn Ridge"	Flat	N/A
Interior Doors, Door Frames, Rails and Rail Frames, Where Specified	PPG Breakthrough 50 Acrylic Satin	PPG V52-90 Black	Satin	D1
Interior Ferrous Metals, Where Specified	PPG Breakthrough 250 Acrylic Eggshell V50-410 Series	PPG 1013-5 "Victorian Pewter"	Eggshell	N/A
Dining Room and Hallway Gyp. Bd.	PPG Pure Performance Zero VOC Semi-Gloss 9-500 as indicated on finish plan	PPG 1001-3 "Thin Ice"	Semi-Gloss	P4
Dining Room and Hallway Gyp. Bd.	PPG Pure Performance Zero VOC Eggshell 9-310 as indicated on finish plan	PPG 1001-3 "Thin Ice"	Eggshell	P3
Dining Room and Hallway Gyp. Bd. Ceiling	PPG Pure Performance Zero VOC Flat 9-100 Series or PPG Speedhide 6-411OXI Flat	PPG 1041-1 "Moonlit Snow"	Flat	C3
Restroom, Cooking, Kitchen and Serving Area Soffit Gyp. Bd.	PPG Pure Performance Zero VOC Eggshell 9-500 Series	PPG 1041-1 "Moonlit Snow"	Eggshell	C3
Interior Metal Roof Deck and Metal Columns	PPG Pitt-Tech Plus Satin Acrylic Finish 90-1110 Series	PPG 1013-5 "Victorian Pewter"	Satin	C1
Patio Railing	Durethane DTM Urethane 95-3300 Series	PPG 1001-6 "Knight's Armor"	Gloss	N/A

3.1 Installation:

A. Examination:
1. Verify that site environmental conditions are appropriate for application of coatings specified.
2. Immediately prior to coating application, ensure that surfaces to receive coatings are dry.
3. Ensure that moisture-retaining substrates to receive coatings have moisture content within tolerances allowed by coating manufacturer, using moisture measurement techniques recommended by coating manufacturer.
4. Immediately prior to coating application, examine surfaces to receive coatings for surface imperfections and for contaminants which could impair performance or appearance of coatings, including but not limited to, loose primer, rust, scale, oil, grease, mildew, algae, or fungus, stains or marks, cracks, indentations, or abrasions.
5. Correct the above conditions and any other conditions which could impair performance or appearance of coatings in accordance with specified surface preparation procedures before proceeding with coating application.

B. Preparation:
1. Do not start work until surfaces to be finished are in proper condition to produce finished surfaces of uniform, satisfactory appearance.
2. Stains and Marks: Remove completely, if possible, using materials and methods recommended by coating manufacturer; seal with shellac or other coating acceptable to paint manufacturer stains and marks that might bleed through paint finishes which cannot be completely removed.
3. Remove or protect hardware, electrical plates, mechanical grilles and louvers, lighting fixture trim, and other items not indicated to receive coatings which are adjacent to surfaces to receive coatings.
4. Remove mildew from impervious surfaces by scrubbing with solution of disodium phosphate and bleach. Rinse with clean water and allow substrate to thoroughly dry.
5. For specific substrate preparation, see individual specifications.
6. Provide necessary staging, ladders, shield, protective coverings and drop cloths. Protect floors, walls and adjacent work and materials. Remove and properly replace temporary protection and coverings removed from any part of the work or finish. Repair damage at Contractor's expense.

C. Application:
1. General: Mix, prepare and apply paint according to manufacturer's written instructions.
   a. Use applicators and techniques best suited for substrate and type of material being applied.
   b. Do not apply high-performance coatings over dirt, rust, scale, grease, moisture, scuffed surfaces, or conditions detrimental to forming a durable coating film.
   c. Coating surface treatments, and finishes are indicated in the coating system descriptions.
   d. Provide finish coats compatible with primers used.
   e. The term "exposed surfaces" includes areas visible when permanent or built-in fixtures, convector covers, grilles, covers for finned-tube radiation, and similar components are in place. Extend coatings in these areas, as required, to maintain system integrity and provide desired protection.
2. Application Procedures: Apply coatings by brush, roller, spray, or other applicators according to manufacturer's written instructions.
   a. The number of coats and film thickness required is the same regardless of application method.
   b. Completed Work: Match approved Samples for color, texture, and coverage. Remove, refinish, or recoat work that does not comply with specified requirements as directed by Tenant. Paints and coatings work is subject to acceptance by the Tenant.
   c. Keep brushes and rollers clean, free from contamination and suitable for the finish required.
   d. Unless otherwise indicated, allow exterior paints to dry for 48 hours and interior paints to dry for 24 hours between coats.
   e. Sand lightly and remove dust between coats to achieve required finish.
   f. Finished surfaces shall be uniform in finish and color and free of brush marks, sagging, holidays, corduroy and other imperfections. Coverage and hide shall be complete.
   g. Edges of paint or finish adjoining other materials or colors shall be sharp and clean without overlapping. Cut paint in neatly around glass or other edges.
   h. Paints and coatings work is subject to acceptance by the Tenant. Correct unsatisfactory work not complying with these specifications as directed by the Tenant.

D. Cleaning:
1. After completing painting, clean glass and paint spattered surfaces. Remove spattered paint by washing and scraping without scratching or damaging adjacent finished surfaces.

E. Protection:
1. Protect work of other trades, whether being painted or not, against damage from painting. Correct damage by cleaning, repairing or replacing, and repainting, as approved by Architect / Tenant.

2. Provide "Wet Paint" signs to protect newly painted finishes. After completing painting operations, remove temporary protective wrappings provided by others to protect their work.

3. After work of other trades is complete, touch up and restore damaged or defaced painted surfaces.

F. Maintenance: Furnish extra paint materials from the same production run as the materials applied in the quantities described below. Package paint materials in unopened, factory-sealed containers for storage and identify with labels describing contents. Deliver extra materials to the Tenant.
1. Provide one gallon of paint and wood stain of each type and color required for maintenance purposes. Provide original, unopened, labeled containers with color samples and a list of project use.

DIVISION 10 - SPECIALTIES

SECTION 10522 - PORTABLE FIRE EXTINGUISHES

1.1 General: Provide portable fire extinguishers as shown and specified.

A. Standards: Materials and installation shall conform to the following:
1. NFPA 10 "Standard for Portable Fire Extinguishers.

2.1 Materials:

A. Provide minimum 10 lb. capacity fire extinguishers in quantity and type complying with local code and fire regulations requirements.
1. Provide new fire extinguishers fully loaded, tested, UL and FM labeled and listed and ready for use.
2. Provide manufacturer's recommended mounting brackets and hardware.

3.1 Installation:

A. Install fire extinguishers in accordance with manufacturer's installation instructions, at heights and locations acceptable to the local fire regulations enforcement authority

SECTION 10700 - EXTRUDED ALUMINUM CANOPY

1.1 General: Provide canopies as shown and specified.

A. Standards: Materials and installation shall conform to the following:
1. AWS, D1.1 - Structural Welding Code - Steel
2. AMMA, Aluminum Finishes AAMA 2604 (FGIA 2604) - Powder Coat

B. Quality Assurance
1. Shop Drawings: To be created under the guidance of a professional engineer. Site Specific stamped drawing may be required by the manufacturer based on location. Drawings must indicate size, material and finish. Include plan, elevations and sections to clearly outline the canopy locations. Include installation procedures, details of joints, attachments and clearances.
   a. Submit within 15 days after contract award.
2. Color charts showing manufacturer's full range of colors from standard line including Chipotle's custom "charcoal" color match to prototypical window mullion system.

2.1 Manufacturers:

A. Architectural Fabrication, Inc. -- Manufacturer is located at 2100 E. Richmond Avenue, Fort Worth, TX 76104. P: (800) 962-8027. E: chipotle@arch-fab.com, W: www.arch-fab.com
B. Substitutions are acceptable assuming they comply with this specification, are submitted based on Quality Assurance and Division1 - Section 01100 requirements and have minimum 10 years experience, and only when approved by Arch PM and Chipotle DM.
1. Awnex, Contact: Katie Dicks, P: 770-704-7140 x151, E: katie@awnexinc.com
2. Uni-Structures, Contact: Dana Fredericks, P: 678-974-1773
3. API, Contact: Jade Moore-Esposito, P: 813-925-0144, E: jesposito@americanproducts.com

2.2 Materials:

A. Specifications are based on Architectural Fabrication, Inc. - Helios Canopy Patent #9,976,310
1. Framing: Gutter fascia, tube, angles: 6063-T6 alloy extruded aluminum. Gutter to be notched in the back to allow steel support arms to pass through.
2. Decking: Extruded aluminum 8" wide deck pan in 6063-T6 or 6063-T5 alloy (Roll form is not acceptable)
3. Steel Support Arms: 3" x 3" x .250" Steel tube support arms w/ 8" w x 5"h x 1/2" thick steel plate welded to the back. Must manufacture steel arm in manner to leave room for LED enclosure at back of canopy.
4. Hardware and Fasteners: Nuts, bolts, washers, clevis pins, screws, anchors and pipe spacers to be zinc plated or galvanized steel required to suit application and per pre-engineered canopy load requirements. Typical wall anchors are minimum ½" diameter. Touch up paint must be provided for each canopy to allow for potential repairs in the field.
5. Flashing: Shall be minimum 0.040-inch aluminum, fabricated to prevent leakage and sealed with Novaflex metal roof sealant in custom color match. Another equivalent sealant is acceptable.
6. LED Enclosure: Each canopy is to have a preformed aluminum LED enclosure along the back edge of the canopy finished in the same powder coat as the canopy. 1" nominal inside width, and a minimum aluminum sheet thickness of .063".
7. Scuppers: Drainage for canopy is (2) aluminum scuppers located at the front of the canopy per drawings. See finish below for details.
8. Finish: All aluminum shall be powder coat finish per FGIA 2604 (aka AAMA 2604). Steel shall be commercially blasted, then coated with a zinc rich primer, and finally the top coat of super polyester powder (2604 compliant) applied.

3.1 Installation:

1. Install canopies per manufacturer's written instructions and videos, and as indicated on architectural drawings
2. Locate and place canopies level, plumb and at indicated alignment with adjacent work.
3. Use concealed anchors where possible.
4. Repair damaged finishes so no evidence remains of corrective work. Return items to the factory that cannot be refinished in the field. Make required alterations and refinish entire unit or provide new units.
5. Protect galvanized and nonferrous-metal surfaces from corrosion or galvanic action by applying a coating of bituminous paint or elastomeric coating on surfaces that will be in contact with concrete, masonry or dissimilar metals.

DIVISION 11- NOT APPLICABLE

DIVISION 12- FURNISHINGS

SECTION 12495 - WINDOW SHADES

1.1 General: Provide window shades as shown and specified.

A. Standards: Shade fabric material shall meet the requirements of the following:
1. NFPA 701 Flame Test and California US Title 19 for flame retardant materials.

B. Field measure window openings and verify installation conditions prior to window shade fabrication

C. Warranty:
1. 5 years against defects in materials and workmanship.
2. 1 year for service call repairs and adjustments.

2.1 Materials:

A. Manufacturer: Insolroll Window Shading Systems, Inc. (800) 447-5534, internet www.insolroll.com

B. Window Shades: Insolroll 2000 Solar Screen Shades, manual operation.
1. Solar Screen Shade Fabric: Insolroll woven fiberglass yarn, 5% openness, Charcoal/Bronze color.
2. Provide manufacturer's recommended mounting brackets and hardware.

C. Fabrication: Unless otherwise indicated, fabricate window shade units to completely fill existing window openings from jamb to jamb and from head to 42" AFF or the nearest horizontal mullion from 40"-44" AFF.
1. Adjustment system controlled by plastic bead chain on polyester cord. Multi-banded steel spring clutches keep shade in desired position.
2. Roller tube 2" extruded aluminum, sized to minimize deflection.
3. Fabric attached to roller tube using two-sided adhesive tape.
4. Fabric bottom hem RF heat sealed pocket with enclosed hem bar.

3.1 Installation:

A. Install window shades level and plumb in accordance with manufacturer's installation instructions and drawing details. Provide units securely anchored in place with recommended hardware and accessories to provide smooth operation without binding.

DIVISIONS 13 - 14 - NOT APPLICABLE

WILKUS ARCHITECTS

CLIENT:
CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2023
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 5081
"146th & HAZEL DELL PARKWAY"
TBD 146th & HAZEL DELL PARKWAY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO. 2023-0238
DRAWN BY RDB, THV
CHECKED BY

ISSUE RECORD:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

REVISIONS:

2	06.12.2024	Revision 2

TITLE:
ARCHITECTURAL SPECIFICATIONS

SHEET NUMNBER:
G017

EXHIBIT C – LANDLORD WORK LETTER

Landlord, at its sole cost and expense, shall provide the following items:

INTERIOR	
Electrical Service: Acceptable ☐	Furnish and install one code-compliant 400 amp, 120/208 volt, 3-phase, 4-wire metered service capable of supplying 120 KVA brought to 400 amp fused disconnect switch (to be NEMA 3R rain tight in exterior installations) or 400 amp circuit breaker. Any related electric utility company charges shall be paid by Landlord. Landlord shall provide one set 400A copper THHN conductors, to be 4-500 KCMIL, #1/0 G in 3-1/2" C. for conductor lengths up to 250 feet or 4-600 KCMIL, #1/0 G in 4" C. for conductor lengths over 250 feet, from main disconnect to Tenant's panel board supplied by landlord in a location within the Premises as determined by Tenant in accordance with Tenant's plans for the Premises. **Electrical Conduits in Exposed Ceiling:** All Landlord's base building wiring running through Tenant's exposed ceiling shall be encased in EMT or IMC conduit, run tight to the deck and be either parallel or perpendicular to the main entry storefront. There shall be no diagonal runs or and all conduits shall be in straight lines. There shall be no surface mounted conduit on walls.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Fire Alarm: Acceptable ☐	If required by Code for Tenant's intended use, the LL shall furnish and install one main Fire Alarm Control Panel per Tenant's plans and specifications for the shell building with sufficient capacity to serve the Tenant's needs (to be located in a shared dedicated common area within the shell building OR at a location otherwise approved by Tenant). The LL's main FACP shall be capable of accommodating and connecting to the Tenant's fire alarm system as required by the local jurisdiction for Tenant's use. LL shall provide a 1" min. EMT conduit (with pull string) to be routed from the main FACP to the Tenant's leased Premises at a location in accordance with the Tenant's plans. Landlord shall provide Tenant with monitoring company contact information or codes as needed to complete installation of Tenant's fire alarm system.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Fire Sprinkler: Acceptable ☐	If required by Code, LL shall Furnish and install a fire sprinkler system to meet applicable governmental ordinances for the intended use of Tenant as anticipated by the Lease. Landlord to coordinate main and branch line locations so as not to conflict with Tenant's future roof mounted equipment, curbs, and penetrations. Sprinkler

	system riser assembly to be located in a dedicated common area within the shell building as approved by Tenant. System must be pressure tested, fully operational, inspected and approved by the local authority having jurisdiction. System must include flow and tamper devices, fire alarm disconnects, and back flow prevention as required. Modifications to said system shall be at Tenant's expense. All related tap, impact, system development, fixture and/or any similar charges or fees shall be paid by Landlord.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Natural Gas: Acceptable ☐	LL Shall Furnish and install a minimum of 1600MBH natural gas service with a delivery pressure of 7" water column routed to a location within the Leased Premises as determined by Tenant in accordance with Tenant's plans for the Premises. Landlord to provide proof of delivery pressure (gauge) at possession and regulate pressure if required. Gas piping shall be appropriately sized from Landlord meter location to a point of delivery within the Tenant's premises in accordance with Tenant's plans for the Premises. All related natural gas utility company charges shall be paid by Landlord.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Water: Acceptable ☐	LL shall furnish and install a separately metered and insulated 1.5" or greater dedicated domestic copper water supply line supplying minimum of 45 gallons per min at 60 psi, routed to a location within the Premises as determined by Tenant in accordance with Tenant's plans for the Premises. Landlord shall provide proof of delivery pressure (gauge) at possession and provide and install a booster pump at Landlord's expense if water pressure is unable to be provided at minimum of 60 psi. Booster pump shall be located in a mutually agreed upon location where the unit can be properly maintained and serviced by Landlord. All related tap, impact, system development, fixture and/or any similar charges or fees shall be paid by Landlord. Furnish and install a separately metered 3/4" or greater dedicated irrigation water supply line to support irrigation system and landscape design. Irrigation equipment, including meters and backflow preventers, shall be located outside the demised premises where allowed by the jurisdiction. Furnish and install an approved certified / tested backflow prevention assembly, if required by jurisdictional codes. Backflow preventor shall be located as identified in the tenant's construction documents and selected based on the above-mentioned pressure requirements. The Fire protection system if applicable and domestic water system may not be supplied from the same service. All under slab water distribution lines shall be distributed per Tenant's construction documents and per local code. All related tap, impact system

	development, fixture and/or any similar charges or fees shall be paid by LL. Any exposed water lines should be run tight to the bottom of roof deck. LL shall furnish and install keyed, frost-free recessed exterior hose bibs per Tenant's design/construction documents. The hose bib must be connected to 1/2" insulated copper pipe and run within the conditioned space. It must be exposed and visible for tenant's connection.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Sanitary Sewer: Acceptable ☐	LL shall furnish and install two (2) four-inch minimum PVC sanitary sewer lines with minimum invert elevation of 48 inches, one line leading to a code-compliant grease interceptor (which Landlord shall install with a minimum capacity of 1,500 gallons or sufficient to meet local code for Tenant's exclusive use) with invert elevation as necessary to accommodate grease interceptor installation requirements of Tenant, and one line bypassing the grease interceptor with minimum invert elevation of 48 inches that connects to the main sanitary sewer system for the building OR the local municipal system. Both sewer lines shall be brought to a location within the Premises, as determined by Tenant in accordance with Tenant's plans for the Premises. The grease interceptor installation shall be a minimum of 25-feet away from tenant's main entry doors and patio seating. All related tap, impact, system development, fixture and/or any similar charges or fees shall be paid by LL. Septic systems or similar drainage systems are not acceptable.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Telephone/IT: Acceptable ☐	LL shall provide the following: a. LL shall install a 2" conduit with pull string routed from the property's joint telephone point of demarcation to a location within the Leased Premises in accordance with the Tenant's plans. b. LL shall install a 2" conduit with pull string routed from the property's joint ISP point of demarcation to a location within the Leased Premises in accordance with the Tenant's plans. c. If existing facilities from current telecom or data/ISP provider(s) are full, LL agrees to pay for the expansion of segregated facilities for Tenant's use. d. Landlord shall provide 12 pairs (16 pairs if the local jurisdiction requires dedicated Fire Alarm lines) run to building DMARC that are available for Tenant's sole use (tagged and reserved) i. LL shall provide one 120/208 duplex outlet to be located within 6 feet of the DEMARC block location. If DMARC is installed on the exterior of the building, a weatherproof outlet and cover shall be provided.

	ii. LL shall provide electrical grounding components for the phone system per local Codes and the Local Exchange Carrier's requirements. e. LL shall provide appropriate infrastructure from common service entrance to Tenant's leased Premises in order for Tenant to provision high speed broadband access, per FCC guidelines (25M/3M). f. If there is no connectivity available, the LL will provide necessary infrastructure for the ISP of Tenant's choosing to install high speed broadband access to the leased Premises. g. The LL agrees to allow Tenant to install conduit and or other service entrance facilities to extend the external DMARC into Tenant's leased Premises. h. If, in the case that sufficient bandwidth is not present with existing telecom facilities, Landlord shall allow alternate ISP(s) to access Premises to provide high speed broadband access. i. If, in the future, Tenant deems an ISP change is necessary, the LL shall not prohibit the installation of new circuits that meet the requirements as deemed necessary by the Tenant. j. If the cellular backup signal is not sufficient in the space, the LL will allow Tenant to install additional cellular equipment or facilities for backup connectivity (i.e. - external cellular antenna, secondary ISP, etc.).
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Roof Screening: Acceptable ☐	LL shall furnish and install all required screening for Tenant's standard rooftop-mounted equipment sufficient to meet applicable local covenants, codes and ordinances for Tenant's intended use. Structural supports for roof screening (non-parapet), shall be coordinated with Tenant's plans, so as not to conflict with Tenant's roof-top equipment and curbs.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Roof Drains and Scuppers: Acceptable ☐	Landlord to provide and install roof drains and scuppers for shell building so as not to conflict with Tenant's intended exits as located on Tenant's approved floor plan. Interior drain piping shall be insulated and be run as tight to roof deck as possible while maintaining required slope.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Roof Insulation: Acceptable ☐	LL shall furnish and install exterior roof insulation on the exterior side of the roof sheathing to meet local Codes for Tenant's intended use. Landlord to provide Tenant

	the name of Landlord's roofing contractor and warranty information when requested. Landlord to remove and patch roof for existing mechanical curbs not required for Tenant's use. Roof and/or shell must have insulation to meet local code for Tenant's use and specification per tenant's plans. Roof will be fully adhered thermoplastic membrane (PVC) system with rigid insulation.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Roof Access: Acceptable ☐	LL shall furnish and install a permanent, code compliant and OSHA-approved roof access system for Tenant's use (including extendable roof hatch pole as applicable to the design of the roof ladder). Landlord shall supply Tenant with a key and/or 24-hour access to such roof access system.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Trash and Waste: Acceptable ☐	Provide a convenient well lit (adequate wattage to provide an average maintained illumination level of not less than ten (10) foot candles) area located within reasonable proximity to the Premises (the location of such area is to be shown on an exhibit to be attached to the lease) for a code compliant trash and waste enclosure to be constructed by Landlord for Tenant's exclusive use. There shall be a clear wheel-able path from the rear door to the trash enclosure without any obstructions or curbs. Said enclosure shall be constructed in accordance with applicable laws and comply with any access, height, drainage and/or other requirements of the jurisdictional zoning, sewer and waste removal authorities, as well as any access, vertical clearance (minimum 20'-6") and/or other requirements of the vendor(s) providing waste removal services for Tenant's trash and waste. Such area and enclosure shall be constructed by Landlord per attached exhibit (*which shall be an exhibit to the Lease) and meet at least the following criteria, or such additional criteria as may be required by applicable law: A. 14'-0" deep x 20'-0" wide x 6'-8" high enclosure to house: (i) an eight (8) cubic yard trash dumpster for Tenant's exclusive use (such dumpster shall be no less than 6' x 6'): (ii) at least a 5'-0" x 4'-0" grease receptacle area for Tenant's exclusive use (such receptacle area shall be no less than 5'-0" x 4'-0"); (iii) an eight (8) cubic yard cardboard dumpster for Tenant's exclusive use (such dumpster area shall be no less than 6'-0" x 6'-0"; (iv) two recycle toters which area shall be no less than 2'-11" x 5'-0"; (v) three compost toters which area shall be no less than 2'-11" x 7'-8". Trash enclosure gates and hinge columns for trash enclosure shall not reduce or encroach on the

	applicable clear opening area. For trash enclosures housing multiple Tenants exclusive dumpsters, Landlord shall provide adequate signage indicating Chipotle's designated trash area.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Canopies: Acceptable ☐	Furnish and install all canopies per Tenant's prototypical plans and provided by American Products Inc. (API) or Tenant approved alternate supplier. Installation will include exterior building lighting integral to the canopies.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Storefront: Acceptable ☐	Furnish and install Charcoal Permafluor glazing system by Kawneer Aluminum or Tenant approved alternate supplier with clear insulated Low E glass (to meet local requirements) and wide stile, single-acting, insulated double entry doors (6'-0" x 7'-0") and one (1) wide stile, single-acting, insulated door (3'-0" x 7'-0") for egress or patio access. The final locations of the doors shall be in accordance with Tenant's approved floor plan for the Premises. All hardware for all exterior doors shall be in accordance with Tenant's specification for the project; including but not limited to: door hinges, panic hardware, threshold, sweeps, stops, and cylinder core. If an impact-rated glazing system is required by code, Landlord shall provide such system. Safety glazing will be installed as required per local adopted codes.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Walls: Acceptable ☐	If "Hand in Glove" construction project: Furnish and install all exterior wall assemblies to meet local code for tenant's use. All exterior walls shall have insulation and 5/8" gypsum board Type (X) to meet all local codes. All walls shall be rated assemblies where required by local codes with the interior finished to Level 4 from floor to the underside of the roof deck ready to accept tenant finishes. If required by the local jurisdiction to obtain a certificate of occupancy, the LL shall complete the wall assembly by finishing the opposite side of the wall in accordance with applicable codes. If NOT "Hand in Glove": Tenant will furnish and install all exterior wall assemblies with a $10,000 CREDIT from Landlord.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

Rear Door: Acceptable ☐	Furnish and install a 3'-6" hollow-metal rear door with hardware in accordance with Tenant's plans and specifications for the Premises; including but not limited to hinges, threshold, panic devices, peep hole, sweep, weather stripping, drip edge, stop, and cylinder. The final location of the rear door shall be in accordance with Tenant's approved floor plan for the Premises. There shall be a clear wheel-able path from the rear door to the trash enclosure without any obstructions or curbs.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Floor: Acceptable ☐	Landlord agrees to compact the exposed sub-grade of the Premises floor to a condition acceptable to Tenant and give Tenant a CREDIT of $10 per square foot for the concrete slab including the concrete, reinforcement materials, dowel connections to existing slab areas, and vapor intrusion materials. Compaction will be as follows: a. andlord shall complete compaction of the Premises in accordance with the appropriate engineering standards and building code requirements, so that the building pad shall be graded within 1/10 of a foot of the finished floor grade elevation of Tenant's Building [BASED UPON FINAL GRADING PLAN MINUS THE THICKNESS OF THE SUBGRADE AND FINISH MATERIALS], but in no event less than ninety-five percent (95%) of the modified proctor soil test for water content and compaction levels ("Modified Proctor"), so as to enable Tenant to construct its improvements in accordance with its plans, with spread footings and without necessity of pilings or other extraordinary foundation work. The premises soil shall have a minimum bearing capacity of 2,500 pounds per square foot. b. ll fill material shall be of select grade and sources for acquisition of fill material, as well as locations for cut material, must be identified. c. andlord shall at its expense have an independent professional soils engineering test laboratory monitor the preparation of the Premises and, upon completion of Landlord's work, Landlord shall furnish Tenant a written certification from such independent laboratory verifying compliance with the foregoing requirements of this section. This certification shall include the results of all compaction and other tests performed prior to the date of such certification. A copy of such certification shall be delivered to the Tenant's construction representative.
Projected Complete:	**Actual Complete:**

Not Acceptable ☐	**Chipotle Comments:**
HVAC: Acceptable ☐	Landlord shall provide a CREDIT for: One (1) nominal ton of cooling capacity per 125 square feet in high efficiency, gas/electric RTU's with standard distribution and ducted return, programmable thermostats with locking covers at $2,000.00 per ton.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Restrooms: Acceptable ☐	Landlord shall provide a CREDIT in the amount of $18,000 for Tenant's installation of two (2) ADA-accessible restrooms with toilet, lavatory, exhaust fan, standard light fixture with electrical outlet and required accessories.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Mechanical Equipment: Acceptable ☐	Landlord agrees that Tenant shall have right to install Tenant's mechanical equipment and associated curbs per tenant's plans upon roof or at another functionally appropriate location on or about premises as is necessary and typical for restaurant use. The Landlords roof must be able to accommodate the following: i. HVAC RTUs (2,000 lbs each) ii. Makeup Air Unit (800 lbs) iii. Grease Exhaust fan (300 lbs) iv. Grease Exhaust hood (1,300 lbs) v. Walk-In Condensing Unit (300 lbs) vi. Ice Machine Condensing Unit (100 lbs) vii. Restroom Fan (100 lbs)
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Patio: Acceptable ☐	Furnish and install the concrete slab on a single plane for the patio in accordance with local code and Tenant's plans. The Patio shall have a 4' landscape buffer between itself and any driving surfaces. The patio shall be lit by a minimum of ten (10) foot-candles by recessed or architecturally integrated building lights. When applicable Tenant will have the right to install additional pole mounted lights at the patio. The Landlord will coordinate the location of these lights with the Tenant ensuring appropriate conduit with pull string are supplied for future power by Tenant. Patio area will slope away from the Building with grade no less than 1.5% and no more than 2% with control joints every twelve (12) feet each direction. LL shall obtain an Outdoor Seating Permit if required by the local jurisdiction. Landlord shall install Tenant's patio railing per Tenant's plans and provide Tenant a CREDIT of $150 per lineal foot of patio

CONSULTANT:
WILKUS ARCHITECTS

CLIENT:
CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 5081
"146th & HAZEL DELL PARKWAY"
TBD 146th & HAZEL DELL PARKWAY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO.	2023-0238
DRAWN BY	RDB, THV
CHECKED BY	DRL

ISSUE RECORD:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

REVISIONS:

TITLE:
WORK LETTER

SHEET NUMBER:
G018

	railing.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Barrier Free Design: Acceptable ☐	Landlord's work outside of Tenant's limit line to comply with A.D.A. (and California Title 24 where applicable) for the entire site and shall make any and all improvements including ramps as may be required for compliance thereto at Landlord's expense. Landlord shall immediately remedy any deficiencies found which directly affect access to the Tenant's premises. Exiting, egress, and common pathways shall include exterior lighting to provide adequate and safe foot candle levels acceptable to Tenant at all locations (including the trash enclosure area) and shall meet all local Codes for Tenant's use.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Staging Area: Acceptable ☐	Landlord shall designate and allow to be fenced a construction staging area or other suitable arrangements as may be acceptable, adjacent to Tenant's premise and shall permit Tenant's Contractor at its expense to place a temporary trailer on site for the purpose of housing temporary construction office activities and storage facilities including space for a 40 yard dumpster and one temporary storage container to be used during the course of Tenant's construction activities.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Temporary Signs: Acceptable ☐	Landlord shall permit Tenant to place temporary signage or banners upon the building or site fencing to indicate the Tenant's impending occupancy of the premises, during the period from the commencement of construction of the Landlord's building shell until opening of the restaurant and grand opening signage from the Tenant's grand opening until 30 days after grand opening. All signage shall be in conformance with jurisdictional requirements and subject to Landlord's approval.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Directional Signage: Acceptable ☐	Landlord shall provide an area for Tenant's installation of pickup parking signs, at a location mutually approved by LL and Tenant.

Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Monument/Pylon Signage: Acceptable ☐	Landlord shall furnish and install monument signage for Tenant's installation of Tenant's sign panels. LL shall provide the monument sign structure (frame, footings, and foundations as required), applicable sign finishes (including monument base materials), and power for the sign. Tenant shall obtain LL and local municipal approval for Tenant's sign panels.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Union Labor: Acceptable ☐	Landlord shall communicate any union labor requirements related to the building site to the Tenant during the lease negotiation process. In the instance of site related labor disputes between union and non-union forces outside of Tenant's control, Landlord shall provide a two gate system for site access.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Hazardous Materials: Acceptable ☐	Landlord shall test for and abate asbestos, lead based paint and /or any other hazardous material determined to be present. Said testing and abatement shall occur prior to Tenant's possession acceptance of Premises and Tenant shall receive a copy of any testing reports, as well as any abatement reports and disposal manifests for any abatement performed. Landlord shall immediately work to abate any additional asbestos and/or hazardous materials discovered during Tenant's construction activities, so as to minimize the impact upon the Tenant's construction schedule.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Shafts and Enclosures: Acceptable ☐	If necessary due to multi-level building, LL shall furnish and install a ductwork path and access thereto approved by Tenant for Tenant's kitchen hood exhaust system. Landlord shall cause any rated assemblies provided by Landlord to be permitted by appropriate jurisdiction and constructed in compliance with all applicable governmental codes for Tenant's intended use. If applicable, LL shall install a code compliant welded black iron duct with appropriate cleaning ports (in common areas and accessible by Landlord and Tenant), which shall be successfully water tested and certified to be leak-free by a company approved by Tenant prior to Possession. When applicable, Landlord shall assist Tenant in coordinating access to other building areas outside of the Tenant's premises for Tenant's construction activities related to black

	iron and other mechanical modifications or alterations.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Special Provisions: Acceptable ☐	LL shall Treat for and exterminate any infestation of rodents, termites, carpenter ants or other insects or growths. LL shall provide for repair of damage caused by any such infestation.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
EXTERIOR	
Parking Area: Acceptable ☐	Furnish & install all site plan improvements in accordance with Landlord's plans as approved by Tenant & all jurisdictional requirements. Scope of work includes all required conditional use permits, variances, and drive-thru jurisdictional approvals when applicable. Furnish & install bollards per Chipotle's specifications and plans. Provide parking field striping, pavement markings, & directional wayfinding per jurisdictional requirements. Provide all required ADA markings & signage per jurisdictional requirements. Provide wheel stops at all parking spaces adjacent to the patio area or sidewalk. Furnish & install a bike rack for the premises as specified by Chipotle. In locations where parking lots & striping exist, Landlord shall reconfigure traffic flow, field striping as needed for access.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Drives/Curbs/ Sidewalks: Acceptable ☐	Landlord shall provide & install all sidewalks & curbs as needed to allow circulation throughout the site for Tenant's use in accordance with Landlord's plans as approved by Tenant. Sidewalks should slope away from the building's entry / exit points & storefronts. All curbs & gutters are to be formed concrete. Landlord to provide all paving on the premises surrounding the building area per jurisdictionally approved civil engineering drawings.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Landscaping: Acceptable ☐	All proposed landscaped areas shall follow local jurisdictional requirements, should have proper drainage and be irrigated by an automated irrigation system. Landlord shall furnish and install an automated irrigation system that includes a dedicated master shut-off valve, a pressure regulator, a backflow prevention device, and a time-clock based controller with a moisture or rain sensor. Controls & valves must be

	accessible by Chipotle for any Chipotle dedicated landscaped areas. Irrigation system should be separately metered (refer to 'water' section for additional information)
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Building Shell: Acceptable ☐	When applicable, Landlord shall be responsible for the repair / replacement of any damaged structural building and/or site elements.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Other Site Work: Acceptable ☐	Landlord shall be responsible for all other site work within the Premises but outside of the building including but not limited to: curb and gutter, stone and asphalt paving, concrete trash enclosure pad & apron, parking lot striping, parking stall wheel stops adjacent to sidewalks or patio, overall site lighting including but not limited to parking lot lighting illuminating the entire site and landscaping in accordance with Landlord's plans as approved by Tenant.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
MISCELLANEOUS	
Base Building Certificate of Occupancy	☐ YES ☐ NO
Chipotle Comments:	
BUILDING POSSESSION & ACCEPTANCE	

Section 1 - Chipotle ☐ DOES ☐ DOES NOT accept the Premises per the comments listed.

Chipotle Comments: _____

Section 2 - Chipotle ☐ DOES* ☐ DOES NOT agree to take Conditional Delivery to commence improvements in the Premises per the comments listed, however, this shall NOT be deemed "POSSESSION DATE" per the Lease and below. **[NOTE: this section is not applicable if the "Does" box is checked in Section 1]**

Chipotle Comments: _____

*** Landlord is hereby advised that Landlord's delivery obligations under the Lease have not been completed in accordance with the terms thereof. Therefore, while Chipotle is amenable to commencing its improvements in the Premises, Chipotle's commencement of such improvements shall not: (a) affect the timing of the occurrence of the Possession Date (or other comparable terminology as defined in the Lease); (b) be deemed to be Tenant's acceptance of the Premises; or (c) release Landlord from any of Landlord's obligations under the Lease, including but not limited to,**

Landlord's obligations with respect to Landlord's Work.

Possession Date per Lease: _____ **Possession Date:** _____

IN THE EVENT OTHER DEFICIENCIES OR DEFECTS IN LANDLORD'S WORK ARE HEREAFTER DISCOVERED, CHIPOTLE RESERVES THE RIGHT TO MAKE ADDITIONS AND/OR REVISIONS TO THIS REPORT. FURTHER, BY COMPLETING THIS REPORT, CHIPOTLE IS NOT WAIVING ANY RIGHTS OR REMEDIES IT MAY HAVE AT LAW, IN EQUITY OR AS SET FORTH IN THE LEASE.

SIGNATURES

Landlord Agent: _____

Chipotle Representative: _____

EXHIBIT C-1 – CHIPOTLANE ADDENDUM

Landlord, at its sole cost and expense, shall provide the following items:

Site Electric Distribution: Acceptable ☐	LL Shall Furnish and Install all underground electrical conduits, labeled with pull strings from above the electrical panels to the following exterior pick-up lane equipment as noted on the Tenant's design/construction documents: **a.** One (1) line-voltage in-grade junction box in landscaping area at rear of building (to be minimum 12"x12"x8" wet-listed junction box) with top set at 1" above finished grade and located as shown on Tenant's site plan. **b.** One (1) 1" conduit from line-voltage in-grade junction box (noted in item a above) to Announce Sign location as shown on Tenant's site plan. Conduit shall be stubbed 24" above grade and capped. **c.** One (1) 1" conduit from line-voltage in-grade junction box (noted in item a above) to clearance bar location as shown on Tenant's site plan. Conduit shall be stubbed 24" above grade and capped. **d.** One (1) 1" conduit from line-voltage in-grade junction box (noted in item a above) to each site directional sign and/or monument sign location as shown on Tenant's site plan. Conduit(s) shall be stubbed 24" above grade and capped. **e.** Conduits and conductors as required from any site lighting that will be powered and controlled by Tenant shall terminate in line-voltage in-grade junction box. **f.** One (1) low-voltage in-grade junction box in landscaping area at rear of building (to be minimum 12"x12"x8" wet-listed junction box) with top set at 1" above finished grade and located as shown on Tenant's site plan. **g.** Two (2) 1" conduits from low-voltage in-grade junction box (noted in item f above) to the vehicle detector loop locations as shown on the Tenant's site plan. In addition to the above, if the Landlord is constructing the Tenant's building then the Landlord shall also provide: **h.** One (1) 2" conduit with pull string from the line-voltage in-grade junction box to a line-voltage junction box at 11'-0" AFF (to be minimum 6"x6"x4") within the Tenant's demised premises and located as shown on Tenant's plans. **i.** One (1) 2" conduit from the low-voltage in-grade junction box (noted in item f above) to a surface-mounted line-voltage junction box at 9'-0" AFF (to be minimum 8"x8"x4") within the Tenant's demised premises and located as shown on Tenant's plans.

Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Traffic Signage: Acceptable ☐	LL shall provide parking lot striping and directional arrows per Tenant's design/construction documents, coordinated per all applicable local codes.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Site Concrete: Acceptable ☐	LL shall provide pad constructed of 6" thick reinforced (with wire mesh) concrete. The width of the pad shall be the width of the drive through lane OR no less than 12' wide with a length extending from 12' prior to the centerline of the clearance bar to 12' past the centerline of the drive through pickup window. LL shall CREDIT Tenant ($600 per footing) for Tenant's install of all concrete footings and anchor bolts for the following items: A. Announce Sign B. Clearance Bar C. Directional Signage (Minimum of 3; as noted on the Tenant's Construction Documents) D. Tenant's Dedicated Monument Sign/Pylon Sign In additional to above LL shall also furnish & install 6" diameter steel pipe bollards, filled with concrete & finished/located per Tenant's design/construction documents.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Pick Up Window: Acceptable ☐	LL shall furnish and install the Tenant specified pick up service window with all connections fully operations per Manufacturer's specifications and per all notations on Tenant's design/construction documents, including but not limited to: electrical connection, transoms and sidelights, bump out and exterior shelf, air curtain/fly fan per applicable local codes and Tenant's design. Height of service window must be 36" above the interior finished floor and 42" above the drive through lane concrete.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Awnings/Canopy: Acceptable ☐	LL shall furnish and install an exterior canopy above the pick up service window and all associated lighting per Tenant's design/construction documents and details.

Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Pick Up Window and Lane Lighting: Acceptable ☐	LL shall furnish and install (2) exterior, Tenant specified lights located adjacent to the drive-through window per Tenant's design/construction documents. Illumination levels when measured at grade around building perimeter, including but not limited to the pick-up lane specifically, shall be no less than 5 footcandles or per all applicable local codes.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**
Special Provisions: Acceptable ☐	LL scope of work to include all necessary variances and conditional use permits required to obtain drive-thru specific jurisdictional approvals to permit tenant's specific use.
Projected Complete:	**Actual Complete:**
Not Acceptable ☐	**Chipotle Comments:**

CONSULTANT:
WILKUS ARCHITECTS

CLIENT:
CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 5081
"146th & HAZEL DELL PARKWAY"
TBD 146th & HAZEL DELL PARKWAY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO. 2023-0238
DRAWN BY RDB, THV
CHECKED BY DRL

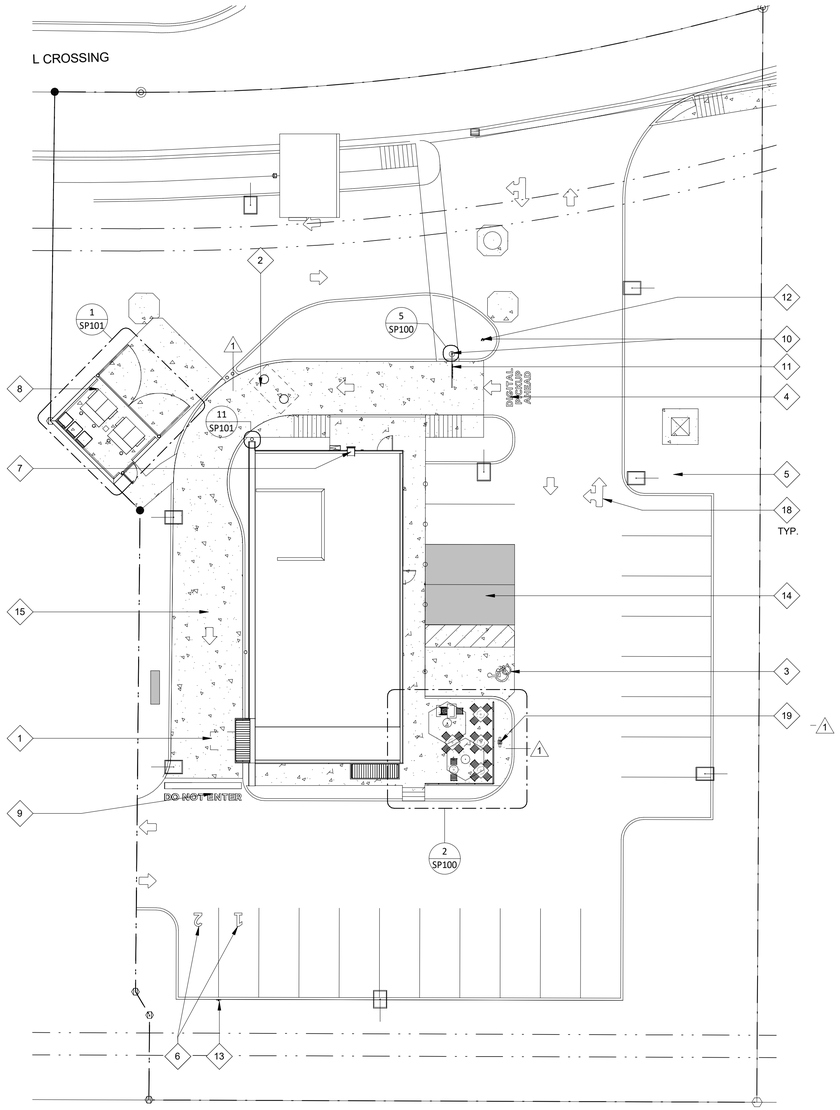
ISSUE RECORD:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

REVISIONS:

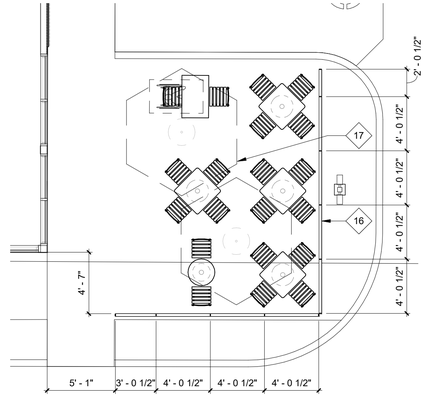
TITLE:
WORK LETTER

SHEET NUMBER:
G019



1 ARCHITECTURAL SITE PLAN

SCALE: 1/16" = 1'-0"



NOTE: DO NOT FEATHER THE CEMENTITIOUS GROUT AT ANY OF THE CORE DRILLS OR LIGHT FOUNDATIONS. FILL IN TO BE A CLEAN AND LEVEL FINISH.

2 DIMENSIONED PATIO PLAN

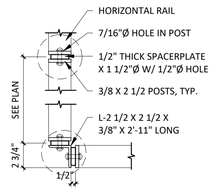
SCALE: 3/16" = 1'-0"

SITE PLAN GENERAL NOTES

1. CONTRACTOR SHALL PROTECT ADJACENT LANDS AND STRUCTURES FROM DAMAGE DURING CONSTRUCTION. ANY OFF-SITE AREAS DISTURBED SHALL BE RETURNED TO A CONDITION EQUAL TO OR BETTER THAN THE EXISTING CONDITION.
2. NECESSARY PERMITS FOR SITE WORK AND CONSTRUCTION SHALL BE OBTAINED BY THE GENERAL CONTRACTOR PRIOR TO BEGINNING OF WORK.
3. NECESSARY BARRICADES, SUFFICIENT LIGHTING, SIGNS AND OTHER TRAFFIC CONTROL METHODS MAY BE NECESSARY FOR THE PROTECTION AND SAFETY OF THE PUBLIC SHALL BE PROVIDED AND MAINTAINED THROUGHOUT THE LIFE OF THE CONSTRUCTION.
4. COORDINATE WITH THE LOCAL AUTHORITY HAVING JURISDICTION PRIOR TO ANY CONSTRUCTION IN THE PUBLIC RIGHT OF WAY.
5. NO DEMOLITION MATERIALS SHALL BE DISPOSED ON ON-SITE. ALL DEBRIS SHALL BE HAULED OFF-SITE TO A RECYCLING AREA APPROVED BY THE LOCAL AUTHORITY HAVING JURISDICTION FOR THE HANDLING OF DEMOLITION DEBRIS.
6. GENERAL CONTRACTOR IS RESPONSIBLE TO COORDINATE THE LOCATION OF THE EXTERIOR GREASE INTERCEPTOR AND FIELD VERIFY EXISTING SITE CONDITIONS THAT COULD IMPACT THE LOCATION DURING THE BIDDING PHASE OF THE PROJECT AND ASSIGN THE APPLICABLE COSTS. THE LOCATION SHALL NOT INTERFERE WITH ANY EXISTING SETBACKS, EASEMENTS, UNDERGROUND UTILITIES OR OTHER SIDE FEATURE.
7. STENCILS FOR PARKING MARKINGS AVAILABLE FROM PAVEMENT STENCIL COMPANY, PHONE: (800) 250-5547, EMAIL: STENCILS@PAVEMENTSTENCIL.COM.

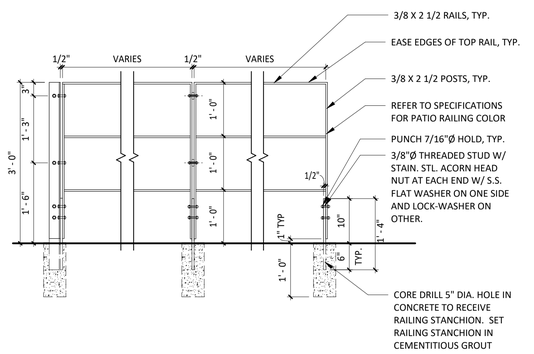
KEYNOTE LEGEND

1	PROVIDE ONE (1) 1" CONDUIT FOR FUTURE LOOP DETECTOR - CENTER ON PICK-UP WINDOW.
2	1,500 GALLON GREASE INTERCEPTOR.
3	ACCESSIBLE PARKING LOT STRIPING, CROSSWALK, SIGN POSTS AND SIGNS - REFER TO CIVIL FOR ADDITIONAL INFORMATION.
4	DIGITAL PICKUP AHEAD' STRIPING
5	SEE CIVIL DRAWINGS FOR ANY IRRIGATION AND LANDSCAPING REQUIREMENTS.
6	TWO (2) PULL-AHEAD PARKING SPACES MARKED WITH POLE MOUNTED SIGNS AND WHITE NUMBERS CENTERED IN SPACE.
7	LOCATION OF ROOF ACCESS LADDER.
8	DUMPSTER ENCLOSURE, PAD, APRON AND BOLLARD - REFER TO SHEET SP101 FOR ENLARGED PLAN AND DETAILS
9	DO NOT ENTER' STRIPING AND BAR LOCATION.
10	PROVIDE TWO (2) 1" CONDUIT FOR FUTURE DIRECTIONAL SIGNAGE AND CLEARANCE BAR.
11	CLEARANCE BAR - FOUNDATION AND CLEARANCE BAR ASSEMBLY PROVIDED AND INSTALLED BY THE SIGNAGE VENDOR
12	DIGITAL PICK-UP SIGNAGE - FOUNDATION AND SIGNAGE ASSEMBLY AND PROVIDED AND INSTALLED BY THE SIGNAGE VENDOR
13	ONE (1) SHARED POLE SIGN FOR PULL-AHEAD PARKING SPACES - FOUNDATION AND POLE PROVIDED BY GENERAL CONTRACTOR - SIGN PROVIDED BY THE SIGNAGE VENDOR AND TO BE INSTALLED BY GENERAL CONTRACTOR
14	TWO (2) SPACES MARKED FOR 'BURRITO LOADING ZONE' PARKING - FOUNDATION AND POLE PROVIDED BY GENERAL CONTRACTOR - SHARED SIGN PROVIDED BY THE SIGNAGE VENDOR AND INSTALLED BY GENERAL CONTRACTOR
15	HIGH DENSITY CONCRETE LOCATION - REFER TO CIVIL ADDITIONAL REQUIREMENTS AND EXTENTS.
16	PATIO RAILING TO BE INSTALLED UNDER OWNER CONTRACT AND PROVIDED BY CHIPOTLE VENDOR/GENERAL CONTRACTOR
17	400 SF PATIO SLAB AND CONDUIT BY LANDLORD, FURNITURE TO BE SUPPLIED BY CHIPOTLE
18	GENERAL DIRECTIONAL PAVEMENT MARKINGS.
19	PROVIDE ONE (1) 1" CONDUIT FOR FUTURE PATIO LIGHT.



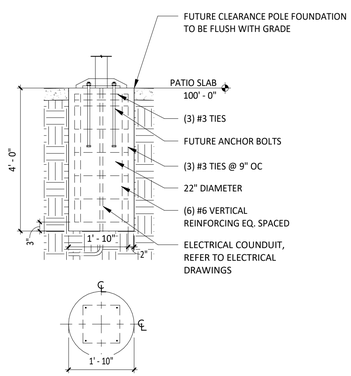
3 RAILING PLAN DETAIL

SCALE: 1 1/2" = 1'-0"



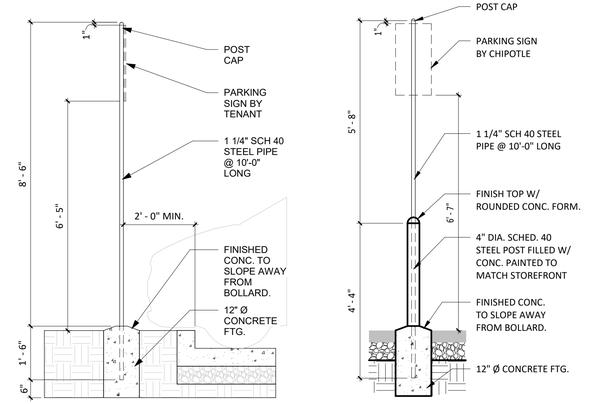
4 RAILING MOUNTING DETAIL

SCALE: 3/4" = 1'-0"



5 CLEARANCE POLE FOUNDATION

SCALE: 1/2" = 1'-0"



6 TYP. SIGN POST DETAIL

SCALE: 1/2" = 1'-0"

CONSULTANT:

WILKUS ARCHITECTS

CLIENT:

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 4500
"AUBURN"
TBD 146TH AND HAZEL DELL PKWY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO. 2023-0545
DRAWN BY TRC
CHECKED BY

ISSUE RECORD:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

REVISIONS:

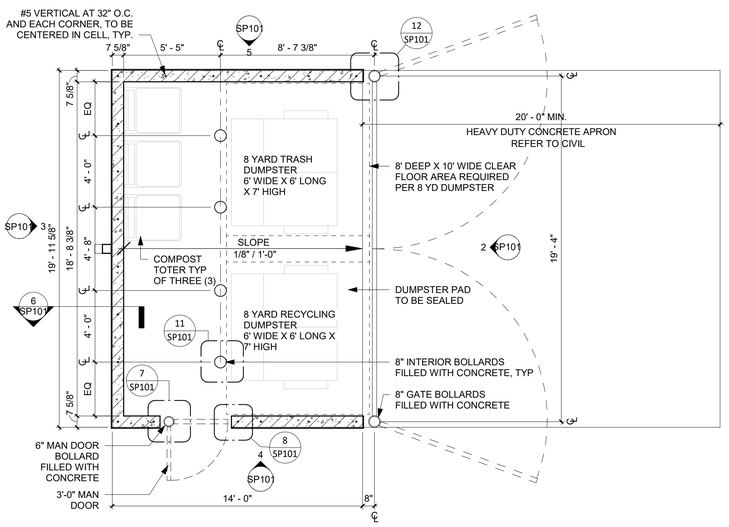
1	06/12/2024	REVISION 02

TITLE:

ARCHITECTURAL SITE PLAN

SHEET NUMNBER:

SP100

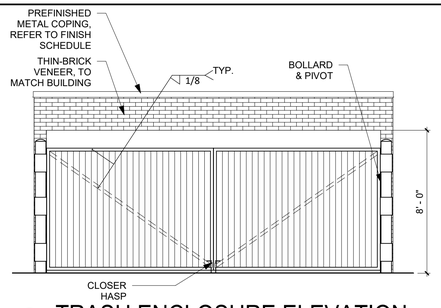


1 TRASH ENCLOSURE PLAN

SCALE: 1/4" = 1'-0"

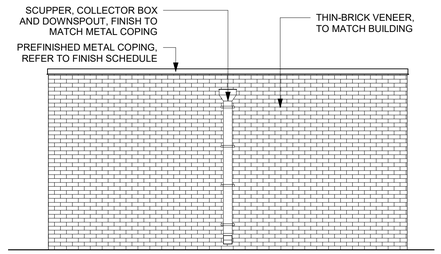
ENCLOSURE FINISH SCHEDULE

MATERIAL	COLOR/FINISH
CMU - PRIMER	REFER TO PAINT SPECIFICATIONS, COLOR "WHITE"
CMU	REFER TO PAINT SPECIFICATIONS
METAL COPING	PREFINISHED TO MATCH PAINTED FACE BRICK
CORRUGATED METAL & DOOR FRAMES	PAINTED "KNIGHTS ARMOR" PPG 1001-6



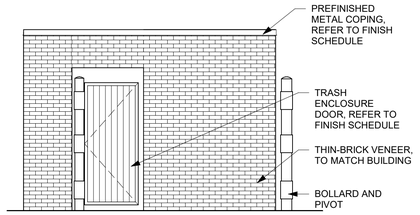
2 TRASH ENCLOSURE ELEVATION

SCALE: 1/4" = 1'-0"



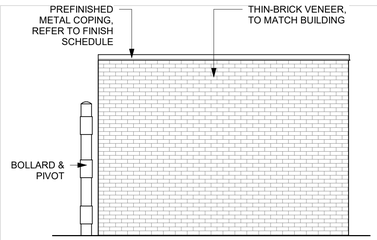
3 TRASH ENCLOSURE ELEVATION

SCALE: 1/4" = 1'-0"



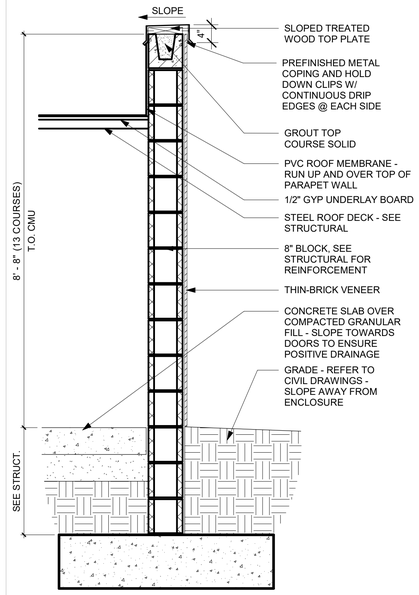
4 TRASH ENCLOSURE ELEVATION

SCALE: 1/4" = 1'-0"



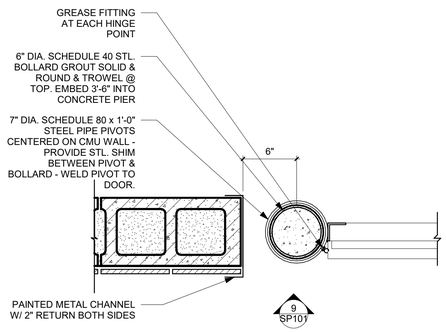
5 TRASH ENCLOSURE ELEVATION

SCALE: 1/4" = 1'-0"



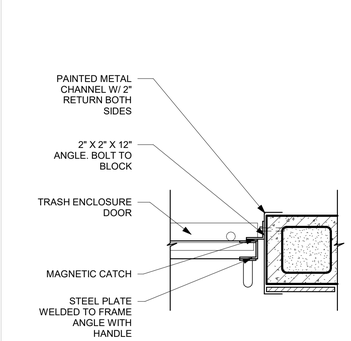
6 TYP. ENCLOSURE SECTION

SCALE: 3/4" = 1'-0"



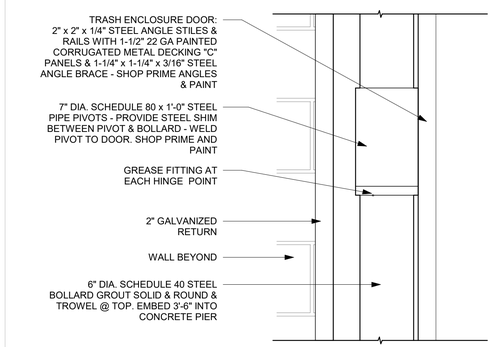
7 ENLARGED MAN DOOR PIVOT DETAIL

SCALE: 1 1/2" = 1'-0"



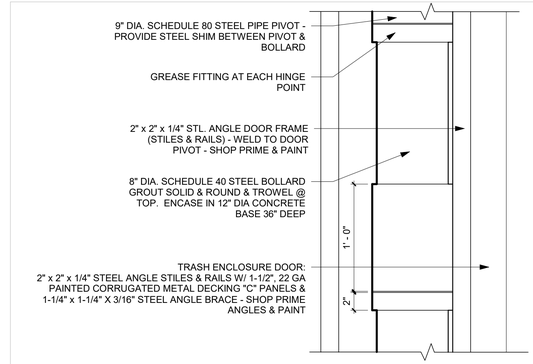
8 MAN DOOR LATCH DETAIL

SCALE: 1 1/2" = 1'-0"



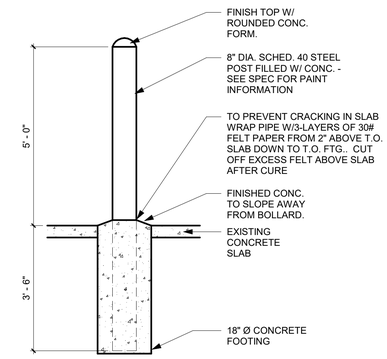
9 TRASH ENCLOSURE MAN DOOR PIVOT

SCALE: 1 1/2" = 1'-0"



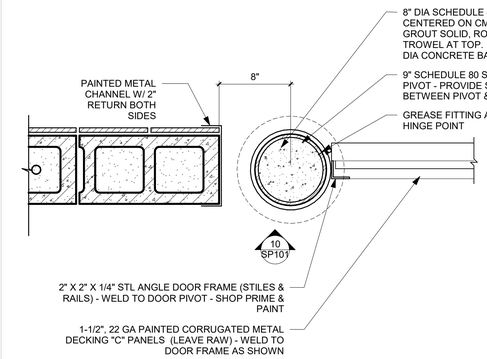
10 TRASH ENCLOSURE GATE PIVOT

SCALE: 1 1/2" = 1'-0"



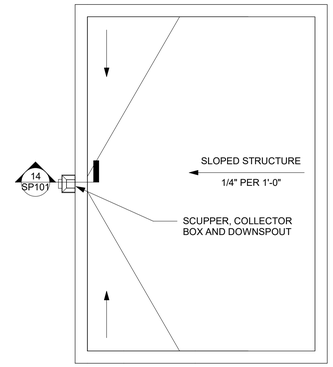
11 TYP. BOLLARD DETAIL

SCALE: 1/2" = 1'-0"



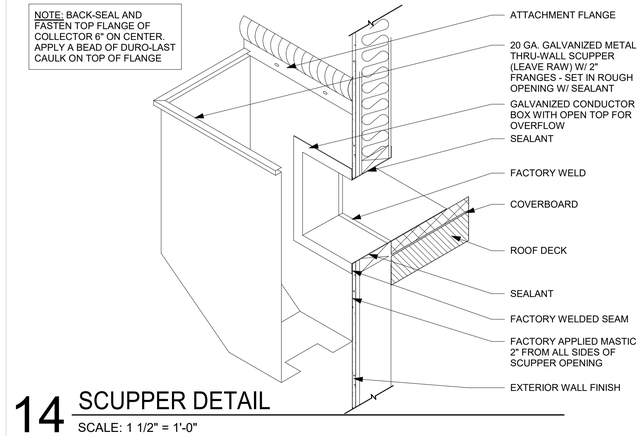
12 ENLARGED GATE PIVOT DETAIL

SCALE: 1 1/2" = 1'-0"



13 TRASH ENCLOSURE ROOF

SCALE: 1/4" = 1'-0"



14 SCUPPER DETAIL

SCALE: 1 1/2" = 1'-0"

CONSULTANT:
WILKUS ARCHITECTS

CLIENT:
CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 4500
"AUBURN"
TBD 146TH AND HAZEL DELL PKWY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

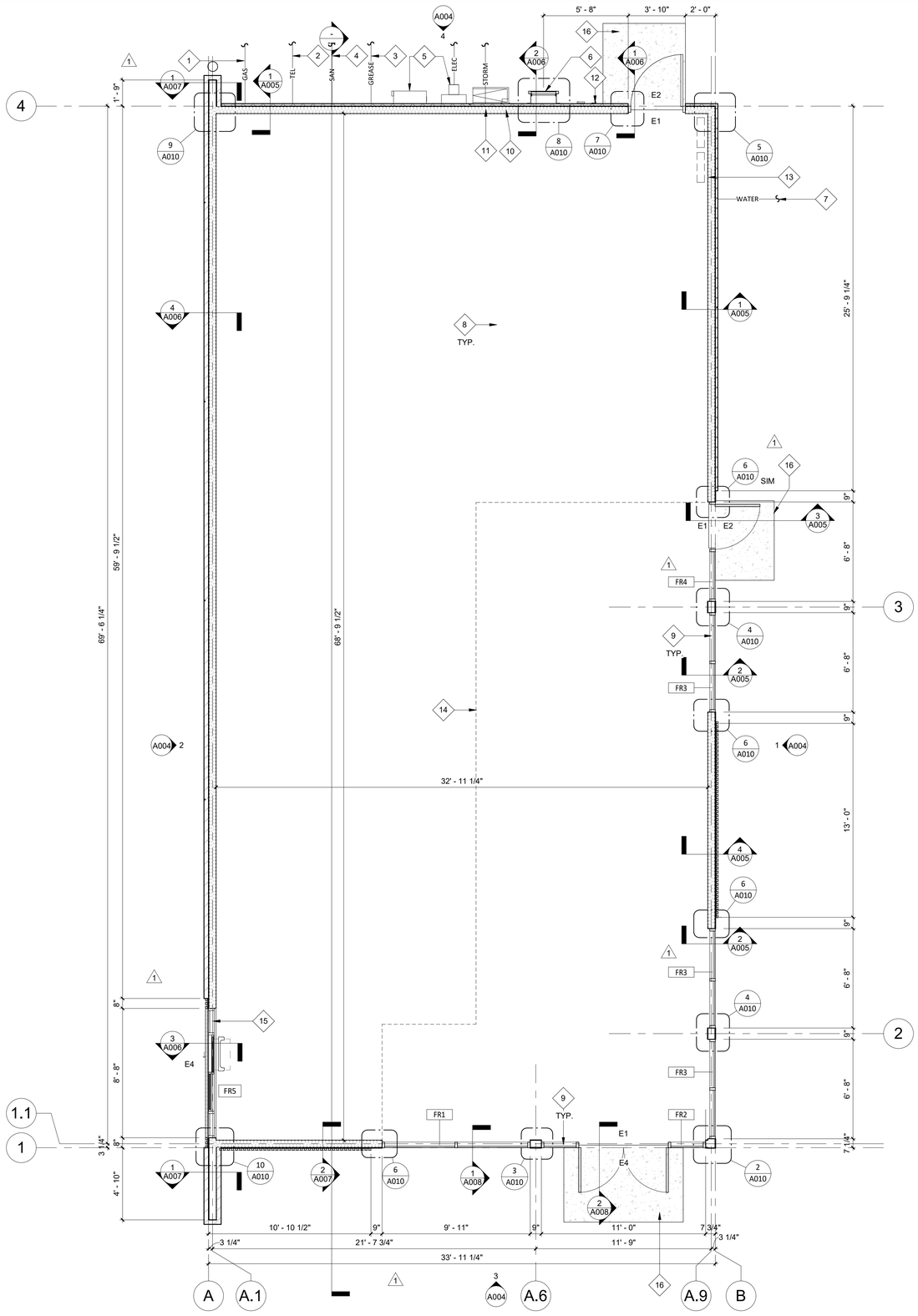
PROJECT NO. 2023-0545
DRAWN BY TRC
CHECKED BY

ISSUE RECORD:

REVISIONS:		
1	06/12/2024	REVISION 02

TITLE:
DUMPSTER PLAN & DETAILS

SHEET NUMNBER:
SP101



1 ARCHITECTURAL FLOOR PLAN

SCALE: 1/4" = 1'-0"

N

GENERAL NOTES - FLOOR PLAN

A. SAFETY GLAZING SHALL BE PROVIDED AT HAZARDOUS LOCATIONS, INCLUDING, BUT NOT LIMITED TO, GLAZING WITHIN 18" OF WALKING SURFACE, GLAZING IN DOORS AND AT WINDOWS ADJACENT TO DOORS.

B. DIMENSION NOTES:

A). ALL STRUCTURAL GRID DIMENSIONS ARE FROM CENTERLINE OF EXISTING STRUCTURAL ELEMENTS UNLESS NOTED OTHERWISE.

B). ALL DIMENSIONS ARE TAKEN TO OUTSIDE FACE OF SHEATHING OF WALL ASSEMBLY UNLESS NOTED OTHERWISE.

C. ANY NEW EXTERIOR LANDINGS SHALL BE FLUSH WITH THE INTERIOR FINISHED FLOOR SLAB AND SLOPE AWAY FROM THE FACE OF THE BUILDING TO PROVIDE POSITIVE DRAINAGE.

D. OPEN EXTERIOR JOINTS AROUND WINDOW AND DOOR FRAMES, BETWEEN WALL ASSEMBLIES AND FOUNDATIONS, BETWEEN WALL AND ROOF ASSEMBLIES, BETWEEN WALLS PANELS, AT PENETRATIONS FOR UTILITY SERVICES, FLOOR ASSEMBLIES AND ROOF ASSEMBLIES OR ANY OTHER OPENING IN THE EXTERIOR ENVELOPE SHALL BE SEALED, CAULKED, GASKETED AND/OR WEATHER-STRIPPED TO LIMIT AIR LEAKAGE.

E. PROVIDE VERTICAL AND HORIZONTAL CONTROL JOINTS IN GYPSUM BOARD SURFACES AT 30'-0" ON CENTER MAXIMUM.

F. GENERAL CONTRACTOR TO INSTALL METAL CORNER BEADS AT OUTSIDE CORNERS OF GYPSUM BOARD SURFACES, UNLESS NOTED OTHERWISE.

G. USE ONLY NON-CORROSIVE FASTENERS ON PRESSURE TREATED LUMBER.

H. LAP WEATHER RESISTANT BARRIERS AND THRU-WALL FLASHING IN A WATER SHEDDING FASHION. TAPE ALL EXPOSED EDGES.

I. REFER TO STRUCTURAL SHEETS FOR STUD FRAMING CONFIGURATIONS, SIZES AND SPACING.

J. FLASHING AND SEAMS BETWEEN SHEATHING IN COMPOSITE WOOD STUD WALL CONSTRUCTION CONDITIONS TO BE TAPED AND SEALED WITH TAPE SEALANT

K. ALL EXTERIOR WOOD BLOCKING TO BE MOISTURE RESISTANT PRESERVATIVE TREATED (P.T.).

LIGHTING FIXTURE SCHEDULE

ITEM	QTY.	MOUNT	DESCRIPTION	MANUFACTURER	MODEL
E2	3	SURFACE	EMERGENCY LIGHT - SINGLE HEAD	EXITRONIX	HLED-BL-WP with PMC-B-1 Mounting Plate
E4	3	VARIOUS	WHITE EXIT LIGHT - STANDARD RED LETTERS	EXITRONIX	CLED-U-WH
X9	2	SURFACE	LED CHANNEL LIGHT - AMC-1919-C	Paradigm LED	PL-FLEXSR590

KEYNOTE LEGEND

1	LOCATION OF GAS METER - COORDINATE WITH CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
2	LOCATION OF INCOMOING TELECOMMUNICATION ENTRY POINT - COORDNIATE WITH CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
3	LOCATION OF GREASE WASTE ENTRY POINT - COORDINATE WITH CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
4	LOCATION OF SANITARY SEWER ENTRY POINT - COORDNIATE WITH CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
5	ELECTRICAL METER AND DISCONNECT.
6	EXTERIOR ROOF LADDER WITH LOCKING GATE
7	LOCATION OF DOMESTIC WATER SERVICE ENTRY POINT - COORDINATE WITH CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
8	1/2" EXPANSION JOINT TO BE INSTALLED AROUND ENTIRE PERIMETER AT TIME OF SLAB POUR - CUT EXPANSION JOINT DOWN 1/2" MINIMUM AND PROVIDE ROD AND CAULK TO SEAL.
9	THERMALLY BROKEN ANODIZED ALUMINUM STOREFRONT SYSTEM WITH 1" INSULATED GLAZING - CAULK AROUND ENTIRE PERIMETER OF OPENINGS.
10	INTERIOR OVERFLOW ROOF DRAIN LEADER WITH STAINLESS STEEL COWS TOUNGE.
11	INTERIOR ROOF DRAIN LEADER - CONNECT TO STORM SEWER BELOW GRADE.
12	FROST PROOF WALL HYDRANT.
13	LOCATION OF FUTURE TENANT ELECTRICAL PANELBOARDS - GENERAL CONTRACTOR TO PROVIDE CONDUCTORS TO LOCATION.
14	DASHED LINE INDICATES LOCATION OF OPEN CEILING ABOVE.
15	PREFINISHED DARK BRONZE ALUMINUM PASS-THRU WINDOW WITH INTEGRATED INTERIOR AIR CURTAIN, TRANSOM AND SIDELITES - CAULK AROUND ENTIRE PERIMETER OF OPENING.
16	CAST-IN-PLACE CONCRETE ENTRY STOOP - LIGHT BROOM FINISH - SLOPE STOOP AWAY AT 1/4" PER 12" AWAY FROM FACE OF THE PROPOSED BUILDING TO ENSURE POSITIVE DRAINAGE.

CONSULTANT:

WILKUS ARCHITECTS

CLIENT:

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 4500
"AUBURN"
TBD 146TH AND HAZEL DELL PKWY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO. 2023-0545
DRAWN BY TRC
CHECKED BY

ISSUE RECORD:

REVISIONS:

#		
1	06/12/2024	REVISION 02

TITLE:

FLOOR PLAN

SHEET NUMNBER:

A001

DOOR SCHEDULE

TAG	DOOR DESCRIPTION	DOOR WIDTH	DOOR HEIGHT	DOOR TYPE	DOOR FINISH	FRAME TYPE	FRAME MATERIAL	STILE	HARDWARE SET	REMARKS
1	DOUBLE STOREFRONT (WIDE STILE, WOOD PULL/PUSH)	6' - 0"	7' - 0"	A	CHARCOAL	STOREFRONT	ALUM	WIDE (5")	1	1,3,4
2	SINGLE STOREFRONT (WIDE STILE, NON-OFFSET, PANIC)	3' - 0"	7' - 0"	A	CHARCOAL	STOREFRONT	ALUM	WIDE (5")	2	1,2,3,4
3	HM REAR KITCHEN (STANDARD)	3' - 6"	7' - 0"	B	PAINT	1	INSUL. H.M.	-	3	1,3,5

DOOR REMARKS

1. DOORS ARE TO BE KEYED THE SAME WAY.
2. THERE IS TO BE NO EXTERIOR HOLE OR CYLINDER
3. USE NON-SHRINK STRUCTURAL GROUT BED UNDER THRESHOLD
4. BLACK DOOR SWEEP TO BE USED WITH CHARCOAL STOREFRONT
5. REAR KITCHEN DOOR TO BE PAINTED 'BLACK' ON INTERIOR AND 'COLOR TO MATCH BRAKE METAL" ON EXTERIOR U.N.O.

HARDWARE SETS

SET 1 - MAIN ENTRY - PAIR - WOOD PULL/PUSH		
(2)	HINGE	HAGER, MODEL 780-224HD-83"-CLR
(2)	MORTISE CYLINDER	SCHLAGE, MODEL 80-103, BRUSHED CHROME; C.O. CYLINDER AT 34" MIN. FROM BOTTOM OF DOOR
(2)	TEMP CORE	SCHLAGE, MODEL 80-035 INTERCHANGEABLE CORE, (BRUSHED CHROME)
(1)	DEADBOLT	ADAMS RITE, MODEL MS1850S-310-313
(1)	EXIT INDICATOR	ADAMS RITE, MODEL 4089-00-121
(1)	HEADER BOLT	ADAMS RITE, MODEL 4016-30-01
(1)	THRESHOLD BOLT	ADAMS RITE, MODEL 4015-18-1B
(2)	CLOSER	DORMA, MODEL 8916-AF89P (TOP JAMB), (ALUMINUM)
(2)	DOOR STOP	IVES, MODEL FS18S (ALUMINUM)
(2)	OVERHEAD STOP	GLYNN-JOHNSON, MODEL 454S-SP28 (ALUMINUM)
(2)	CLOSER BACK PLATE	DORMA, MODEL BP89, ALUMINUM
(1)	THRESHOLD	PEMKO, MODEL 2750A-72 (SIZE 72")
(2)	SMOKE SEAL	REESE, MODEL 797B-21
(2)	DOOR SWEEP	PEMKO, MODEL SFSC-200-36 (36" DOOR),OWNER FURNISHED
SET 2 - ENTRY - SINGLE - NON-OFFSET - PANIC HARDWARE		
(1)	HINGE	HAGER, MODEL 780-224HD-83"-CLR
(1)	PUSH HARDWARE	ADAMS RITE, MODEL 8801-36-628 (ALUMINUM FINISH, 36" DOOR); C.O. EXIT DEVICE AT 38" FROM BOTTOM OF DOOR
(1)	CLOSER	DORMA, MODEL 8916-AF89P-689 (TOP JAMB), (ALUMINUM)
(1)	CLOSER BACK PLATE	DORMA, MODEL BP89, ALUMINUM
(1)	OVERHEAD STOP	GLYNN-JOHNSON, MODEL 454S-US32D (ALUMINUM)
(1)	THRESHOLD	REESE, MODEL S424A-36 (SIZE 36")
(1)	SMOKE SEAL	REESE, MODEL 797B-21
(1)	DOOR SWEEP	PEMKO, MODEL SFSC-200-36 (36" DOOR), OWNER FURNISHED
(1)	DOOR STOP	IVES, MODEL FS18S (ALUMINUM)
SET 3 - REAR EXIT - SINGLE		
(1)	HINGE	HAGER, MODEL 780-224HD-83"-CLR
(1)	PUSH HARDWARE	FALCON, MODEL 25-R-EO-4'-US28 (SIZE 42")
(1)	PULL HARDWARE	FALCON, MODEL 510L-DANE-LHR-US26D, ALUMINUM (EXTERIOR SIDE)
(1)	RIM CYLINDER	GLS, MODEL RCIC-7-LZ-626
(1)	TEMP CORE	SCHLAGE, MODEL 80-035 INTERCHANGEABLE CORE (FINISH: BRUSHED CHROME)
(1)	CLOSER	DORMA, MODEL 8916-AF89P-689 (TOP JAMB), ALUMINUM
(1)	CLOSER BACK PLATE	DORMA, MODEL BP89, ALUMINUM
(1)	THRESHOLD	REESE, MODEL S239A-42, (SIZE 42")
(1)	WEATHERSTRIP	REESE, MODEL DS75C-4070
(1)	DOOR SWEEP	PEMKO, MODEL SFSC-200-42 (42" DOOR) (BLACK) OWNER FURNISHED
(1)	DOOR VIEWER	IVES, MODEL U698B26D, C.O. VIEWER AT 60" FROM BOTTOM OF DOOR
(1)	EXIT ALARM	TRINE, MODEL 206-3
(1)	DOOR SILENCERS	IVES, MODEL SR64
(1)	DOOR BUZZER	TRINE, MODEL 240
(1)	KICKPLATE	HIAWATHA, MODEL KP834-US32D - INSTALL ON INTERIOR SIDE OF REAR SERVICE DOOR.

GENERAL NOTES

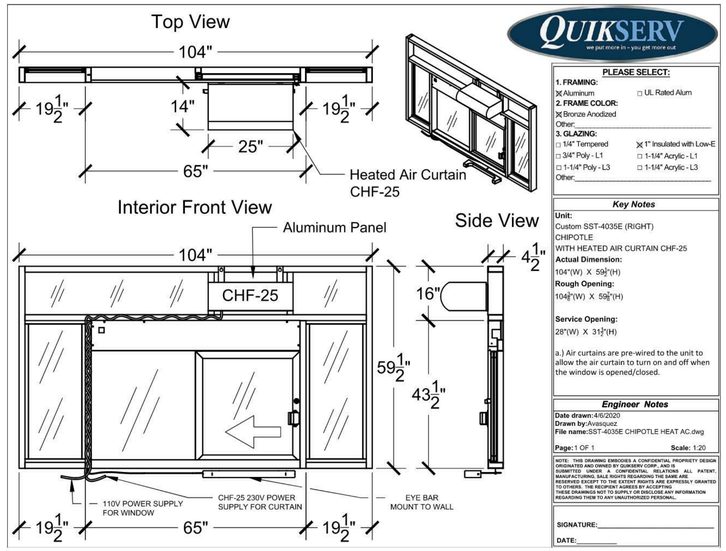
A. WINDOW AND DOOR GLAZING TO BE TEMPERED AT LOCATIONS INDICATED WITH "T".

B. NEW STOREFRONT FRAMING SYSTEM TO BE SUPPLIED BY GENERAL CONTRACTOR - GENERAL CONTRACTOR TO VERIFY FRAMING OPENING SIZES AND MATERIALS WITH ARCHITECT AND/OR CONSTRUCTION MANAGER PRIOR TO FABRICATION.

C. STOREFRONT GLAZING DESIGN IS BASED ON KAWNEER 2" WIDE, FRONT SET ALUMINUM THERMAL BREAK STOREFRONT WITH 1" INSULATED GLAZING AND CHARCOAL FINISH, REFER TO SPECS.

D FULLY AUTOMATIC ELECTRIC PASS-THRU WINDOW BASED UPON QUIKSERV WINDOW DESIGN, NOTIFY ARCHITECT IF NOT USING A QUIKSERV WINDOW.

PICK UP WINDOW



QUIKSERV
we put more in - you get more out

PLEASE SELECT:

1. FRAMING:
☒ Aluminum ☐ UL Rated Alum

2. FRAME COLOR:
☒ Bronze Anodized
Other:_____

3. GLAZING:
☐ 1/4" Tempered ☒ 1" Insulated with Low-E
☐ 3/4" Poly - L1 ☐ 1-1/4" Acrylic - L1
☐ 1-1/4" Poly - L3 ☐ 1-1/4" Acrylic - L3
Other:_____

Key Notes

Unit:
Custom SST-4035E (RIGHT)
CHIPOTLE
WITH HEATED AIR CURTAIN CHF-25

Actual Dimension:
104"(W) X 59½"(H)

Rough Opening:
104½"(W) X 59⅝"(H)

Service Opening:
28"(W) X 31½"(H)

a.) Air curtains are pre-wired to the unit to allow the air curtain to turn on and off when the window is opened/closed.

Engineer Notes

Date drawn: 4/6/2020
Drawn by: AVis\quisz
File name: SST-4035E CHIPOTLE HEAT AC.dwg

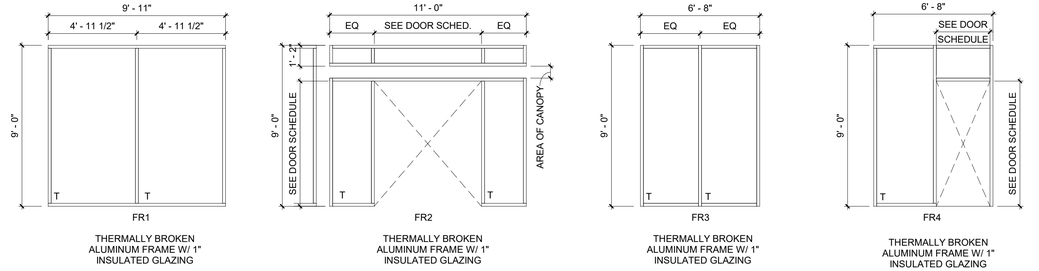
Page: 1 OF 1 **Scale:** 1:20

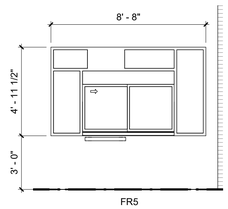
NOTE: THIS DRAWING EMBODIES A CONFIDENTIAL PROPRIETY DESIGN ORIGINATED AND/OR MADE BY QUIKSERV CORP. PLANS ALL PATENT, MANUFACTURING, SALE RIGHTS REGARDING THE SAME ARE RESERVED EXCEPT TO THE EXTENT RIGHTS ARE EXPRESSLY GRANTED IN WRITING TO OTHERS. RECIPIENT AGREES BY ACCEPTANCE OF THESE DRAWINGS NOT TO SUPPLY OR DISCLOSE ANY INFORMATION REGARDING THEM TO ANY UNAUTHORIZED PERSONAL.

SIGNATURE:_____

DATE:_____

STOREFRONT FRAME TYPES

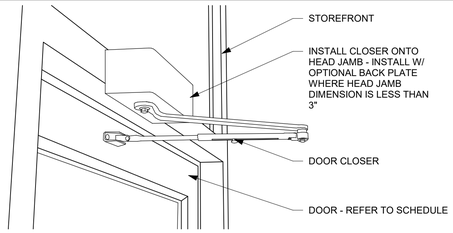




THERMALLY BROKEN ANODIZED ALUMINUM FRAME W/ 1" INSULATED GLAZING

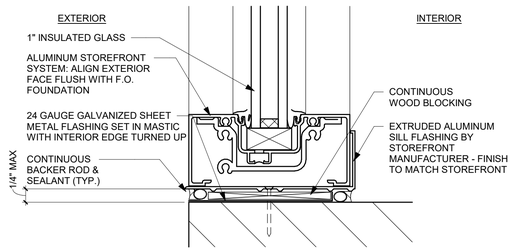
QUIKSERV PICK-UP WINDOW

DOOR CLOSER

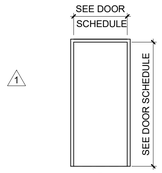


TOP JAMB MOUNT INSTALLATION. (NOTE THAT BACKPLATE IS MISSING IN THIS INSTALLATION BECAUSE HEAD JAMB IS OF ADEQUATE HEIGHT TO RECEIVE ALL MOUNTING SCREWS WITHOUT IT.) WHEN IN DOUBT ABOUT THE HEAD JAMB DIMENSION OR STABILITY, ORDER THE BACKPLATE.

SILL FLASHING DETAIL

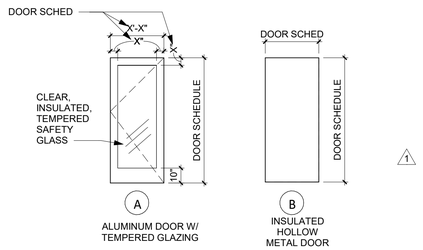


HOLLOW METAL FRAME TYPES



INSULATED HOLLOW METAL FRAME

DOOR TYPES



CONSULTANT:
WILKUS ARCHITECTS

CLIENT:
CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 4500
"AUBURN"
TBD 146TH AND HAZEL DELL PKWY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

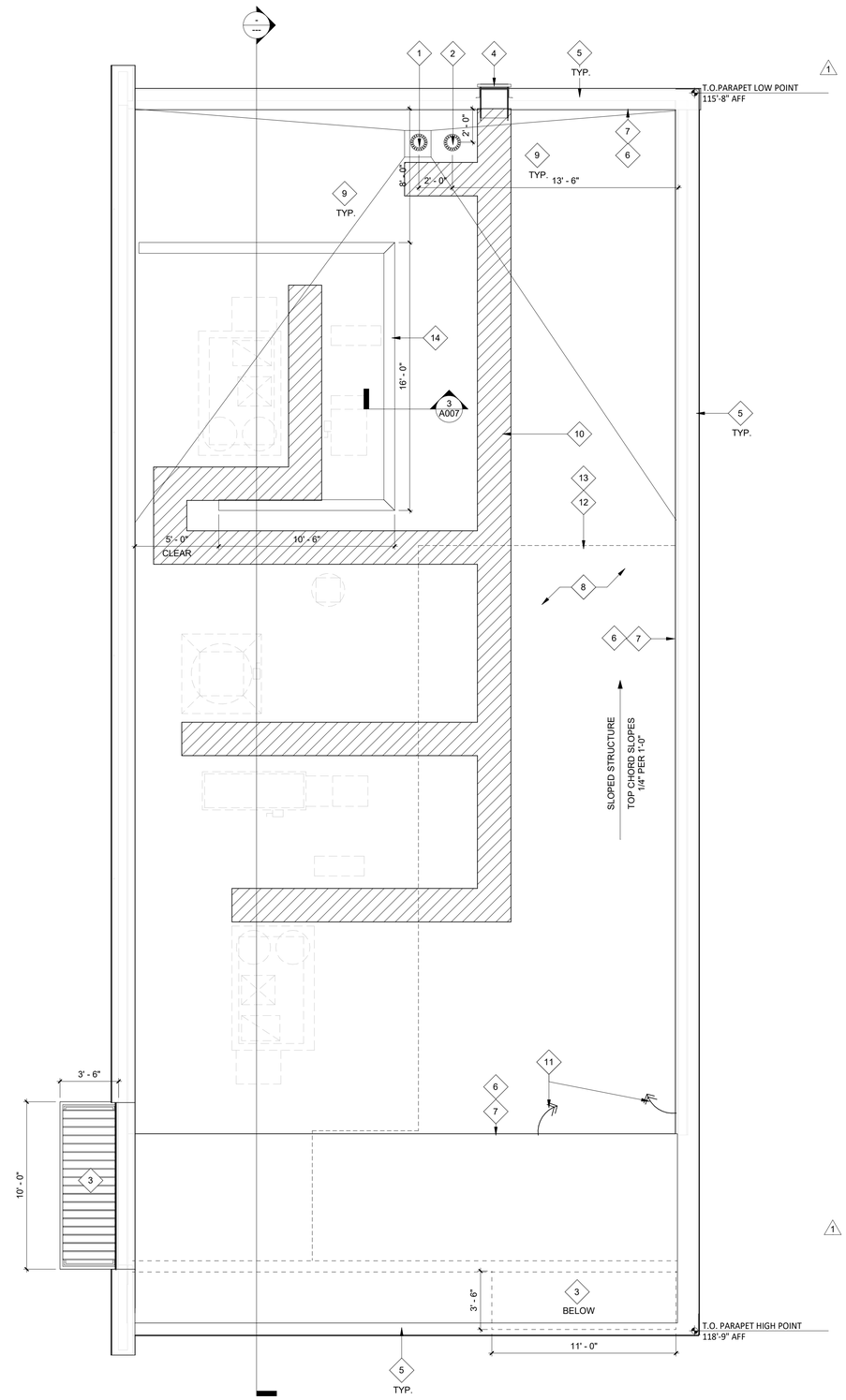
PROJECT NO. 2023-0545
DRAWN BY TRC
CHECKED BY

ISSUE RECORD:

REVISIONS:		
1	06/12/2024	REVISION 02

TITLE:
DOOR & WINDOW SCHEDULE

SHEET NUMNBER:
A002



1 ROOF PLAN

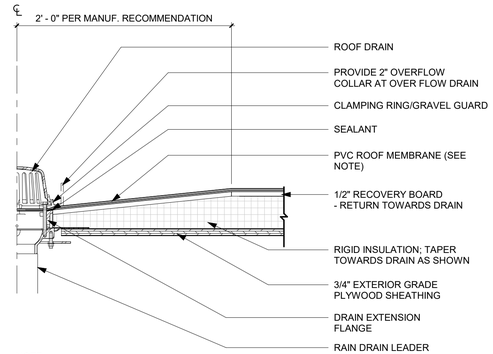
SCALE: 1/4" = 1'-0"

ROOF PLAN GENERAL NOTES

A.	REFER TO STRUCTURAL DRAWINGS FOR ROOF FRAMING INFORMATION.
B.	DIMENSIONS ARE FROM THE INSIDE FACE OF PARAPET UNLESS NOTED OTHERWISE.
C.	DASHED LINES INDICATE APPROXIMATE LOCATIONS OF FUTURE EQUIPMENT SUPPLIED AND INSTALLED BY FUTURE TENANT - FINAL LOCATIONS MAY VARY.
D.	ROOFING DETAILS INCLUDING CANTS, FLASHING, BLOCKING AND EXPANSION JOINTS ARE TO BE INSTALLED PER MANUFACTURER'S DETAILS, STANDARDS AND RECOMMENDATIONS.
E.	GENERAL CONTRACTOR IS RESPONSIBLE FOR KEEPING ROOF CLEAN OF DEBRIS OVER DURATION OF PROJECT.

KEYNOTE LEGEND

1	PRIMARY ROOF DRAIN LEADER ROUTED BELOW AND THROUGH TRUSS SPACE INTO ADJACENT STUD WALL AND DOWN - GENERAL CONTRACTOR TO INSULATE ANY HORIZONTAL RUNS THAT MAY OCCUR - REFER TO CIVIL DRAWINGS FOR ANY STORM WATER CONNECTION INFORMATION.
2	OVERFLOW ROOF DRAIN LEADER ROUTED BELOW AND THROUGH TRUSS SPACE INTO ADJACENT STUD WALL AND DOWN - GENERAL CONTRACTOR TO INSULATE ANY HORIZONTAL RUNS THAT MAY OCCUR - REFER TO CIVIL DRAWINGS FOR ANY STORM WATER CONNECTION INFORMATION.
3	PREFINISHED METAL CANOPY - DIMENSIONS PROVIDED ARE FROM FACE OF LOWER FACADE.
4	EXTERIOR ROOF LADDER WITH LOCKING GATE.
5	24 GAUGE PREFINISHED METAL CAP FLASHING - SLOPE AWAY FROM BUILDING FACE.
6	PROVIDE 3/4" EXTERIOR GRADE PLYWOOD SHEATHING AT INSIDE FACE OF PARAPET.
7	WRAP ROOFING MEMBRANE UP AND OVER INTERIOR FACE OF PARAPET.
8	FULLY ADHERED THERMOPLASTIC MEMBRANE (PVC) ROOFING SYSTEM OVER BASE RIGID INSULATION - REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
9	PROVIDE TAPERED INSULATION CRICKETS TO ROOF DRAINS AS REQUIRED.
10	HATCH INDICATES EXTENTS OF FUTURE ROOF TOP MOUNTED SERVICE WALKWAY PADS - GENERAL CONTRACTOR TO INSTALL AFTER FUTURE EQUIPMENT HAS BEEN PLACED.
11	J-BOX AND WHIP LOCATIONS FOR FUTURE SIGNAGE LOCATIONS - COORDINATE ALL SPECIFIC POWER REQUIREMENTS WITH SIGNAGE VENDOR PRIOR TO INSTALLATION.
12	DASHED LINE INDICATES LOCATION OF OPEN CEILING BELOW.
13	ALL PLYWOOD DECKING AND WOOD TRUSSES ARE TO BE EXPOSED IN TENANT'S DINING AREA AND ARE TO BE FREE AND CLEAR OF MARKINGS.
14	METAL PANEL ROOFTOP SCREEN WALL - SEE STRUCTURAL FOR ADDITIONAL INFORMATION.



NOTE:
ROOF MEMBRANE MUST EXTEND BEYOND THE INSIDE OF THE CLAMPING RING. BE SURE THE OPENING WHERE WATER PASSES THROUGH THE MEMBRANE IS NOT SMALLER THAN THE OPENING OF THE DRAIN.

2 ROOF DRAIN DETAIL

SCALE: 1 1/2" = 1'-0"

CONSULTANT:

WILKUS ARCHITECTS

CLIENT:

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 4500
"AUBURN"
TBD 146TH AND HAZEL DELL PKWY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO. 2023-0545
DRAWN BY TRC
CHECKED BY

ISSUE RECORD:

REVISIONS:

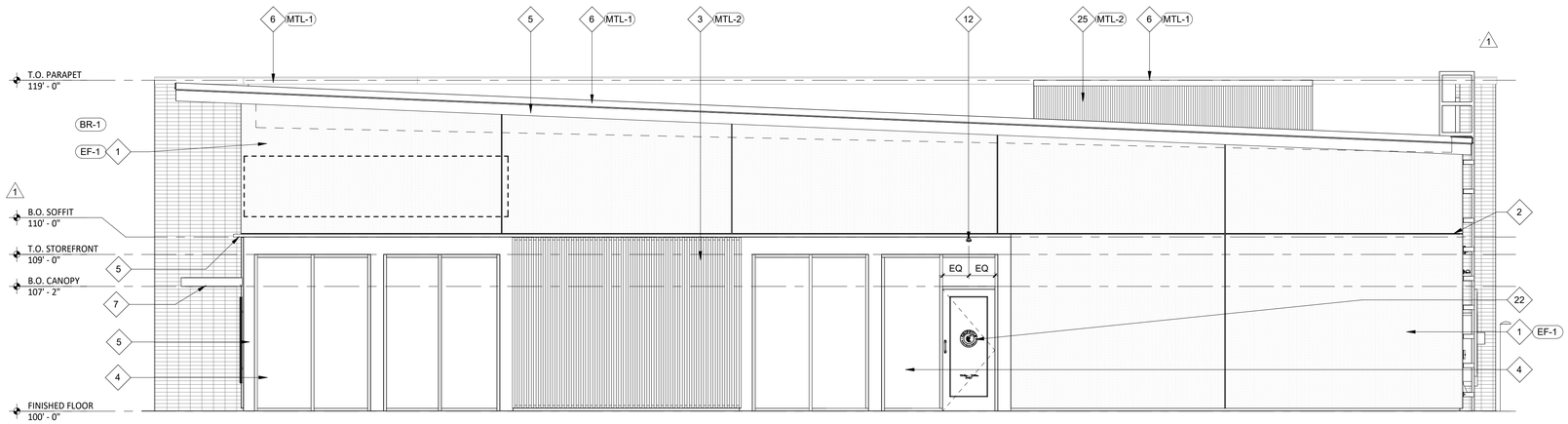
#		
1	06/12/2024	REVISION 02

TITLE:

ROOF PLAN

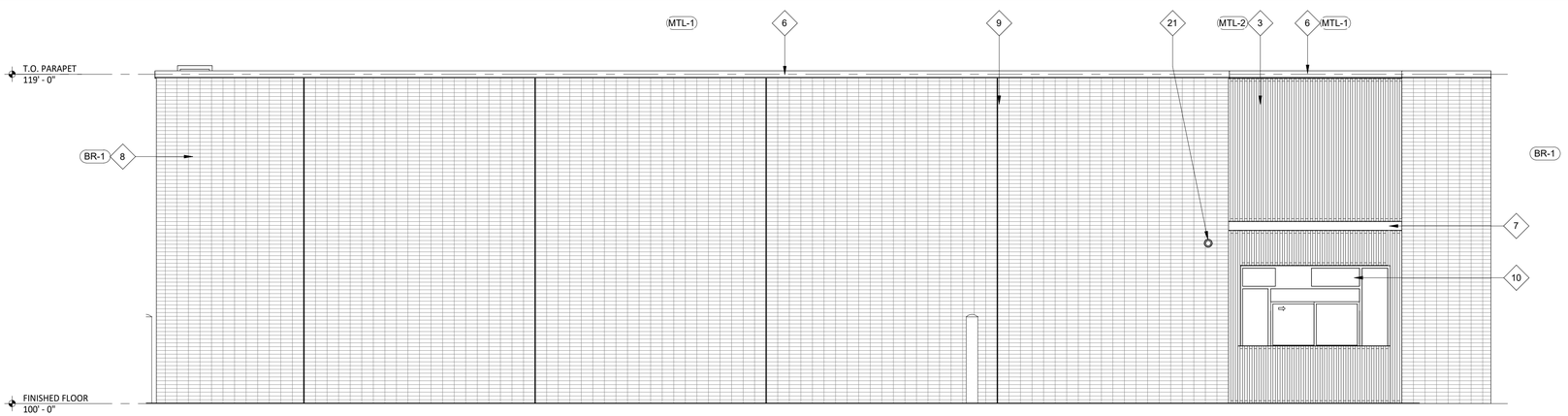
SHEET NUMNBER:

A003



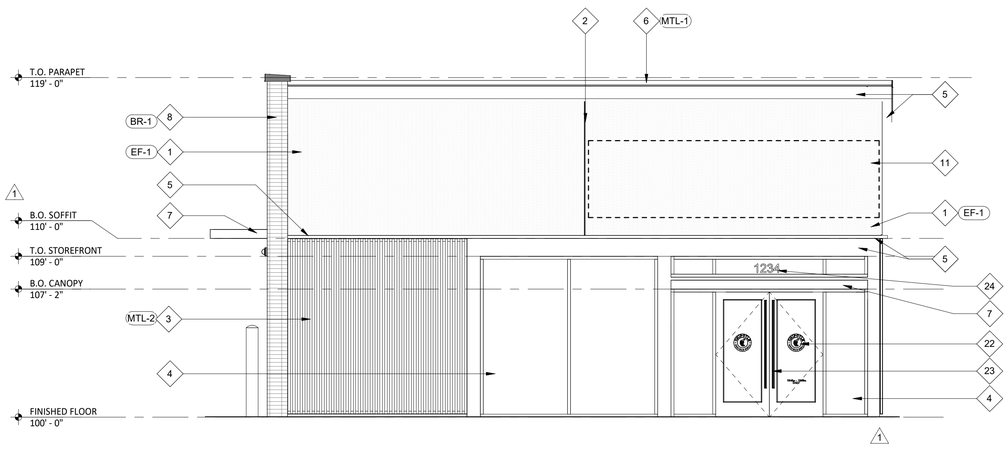
1 EXTERIOR ELEVATION

SCALE: 1/4" = 1'-0"



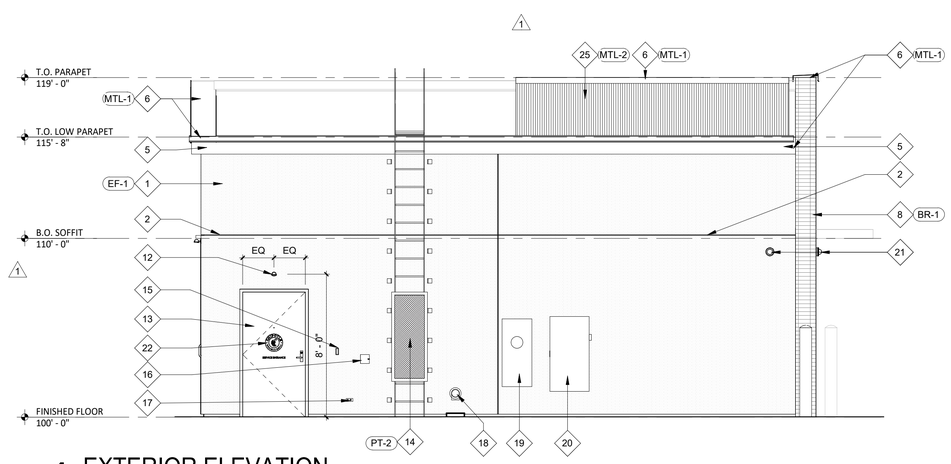
2 EXTERIOR ELEVATION

SCALE: 1/4" = 1'-0"



3 EXTERIOR ELEVATION

SCALE: 1/4" = 1'-0"



4 EXTERIOR ELEVATION

SCALE: 1/4" = 1'-0"

EXT. ELEV GENERAL NOTES

A. METAL CANOPY IS AVAILABLE FROM AMERICAN PRODUCTS, INC. (API), PHONE: (813)-925-0144, E-MAIL: BIDS@AMERICANPROD.COM

KEYNOTE LEGEND

1	EIFS - REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2	EIFS JOINT - ALIGN TO LOCATIONS AS SHOWN AND REFER TO MANUFACTURER'S RECOMMENDATION FOR SPACING REQUIREMENTS.
3	PREFINISHED CORRUGATED METAL PANELS WITH EXPOSED FASTENERS. 1
4	THERMALLY BROKEN ANODIZED ALUMINUM STOREFRONT SYSTEM WITH 1" INSULATED GLAZING - CAULK AROUND ENTIRE PERIMETER OF OPENINGS.
5	PREFINISHED BRAKE METAL, COLOR TO MATCH STOREFRONT.
6	PREFINISHED METAL COPING.
7	PREFINISHED METAL CANOPY W/ INTEGRAL LIGHTING.
8	THIN BRICK VENEER - STACK BOND - REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
9	MASONRY CONTROL JOINTS - REFER TO MANUFACTURER'S RECOMMENDATIONS FOR SPACING REQUIREMENTS
10	PREFINISHED DARK BRONZE ALUMINUM PASS-THRU WINDOW WITH INTEGRATED INTERIOR AIR CURTAIN, TRANSOM AND SIDELITES - CAULK AROUND ENTIRE PERIMETER OF OPENING.
11	LOCATION OF BUILDING SIGNAGE, BLOCKING TO BE PROVIDED BY GENERAL CONTRACTOR - PROVIDE ELECTRICAL ACCESS AS REQUIRED - COORDINATE ADDITIONAL REQUIREMENTS WITH TENANT SIGNAGE VENDOR.
12	EXTERIOR EMERGENCY LIGHT (E2).
13	INSULATED HOLLOW METAL DOOR AND FRAME - CAULK AROUND ENTIRE PERIMETER OF OPENING.
14	EXTERIOR ROOF LADDER WITH LOCKING GATE.
15	DOOR BELL - MOUNT BETWEEN 36" AND 48" ABOVE GRADE.
16	LOCATION OF REMOTE CO2 FILLER - INSTALL BETWEEN 36" AND 48" ABOVE FINISHED GRADE - VERIFY LOCATION WITH CHIPOTLE CONSTRUCTION MANAGER - WORK BY CHIPOTLE (TENANT).
17	FROST PROOF WALL HYDRANT.
18	STAINLESS STEEL COW TOUNGE OVERFLOW ROOF DRAIN DISCHARGE.
19	ELECTRICAL METER.
20	ELECTRICAL FUSED DISCONNECT SWITCH.
21	LOCATION OF SECURITY CAMERAS TO BE INSTALLED BY GENERAL CONTRACTOR - WORK BY CHIPOTLE (TENANT).
22	VINYL WINDOW GRAPHIC SUPPLIED BY TENANT, INSTALLED BY GC.
23	WOOD HANDLES SUPPLIED BY TENANT MEDALLION SUPPLIER, INSTALLED BY GC.
24	6" HIGH VINYL BUILDING ADDRESS NUMBERS - COORDINATE REQUIREMENTS WITH AUTHORITIES HAVING JURISDICTION.
25	METAL PANEL ROOFTOP SCREEN WALL - SEE STRUCTURAL FOR ADDITIONAL INFORMATION.

1

EXTERIOR FINISH SCHEDULE

FINISH	MATERIAL	COLOR	REMARKS
BR-1	1/2" THIN BRICK VENEER	SIENNA IRONSPOT SMOOTH MODULAR	ENDICOT BRICK
EF-1	STO EIFS	TO MATCH PT-1	
MTL-1	PREFINISHED METAL COPING	COLOR TO MATCH STOREFRONT	
MTL-2	PREFINISHED METAL PANELS	DARK BRONZE	WESTERN STATES METAL ROOFING - 7/8" CORRUGATED EXPOSED FASTENERS
PT-1	PAINT	PPG #1010-1 "PEGASUS"	FLAT FINISH
PT-2	PAINT	PPG #1010-6 "KNIGHTS ARMOR"	FLAT FINISH

CONSULTANT:

WILKUS ARCHITECTS

CLIENT:

CHIPOTLE MEXICAN GRILL

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 4500
"AUBURN"
TBD 146TH AND HAZEL DELL PKWY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO. 2023-0545
DRAWN BY TRC
CHECKED BY

ISSUE RECORD:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

REVISIONS:

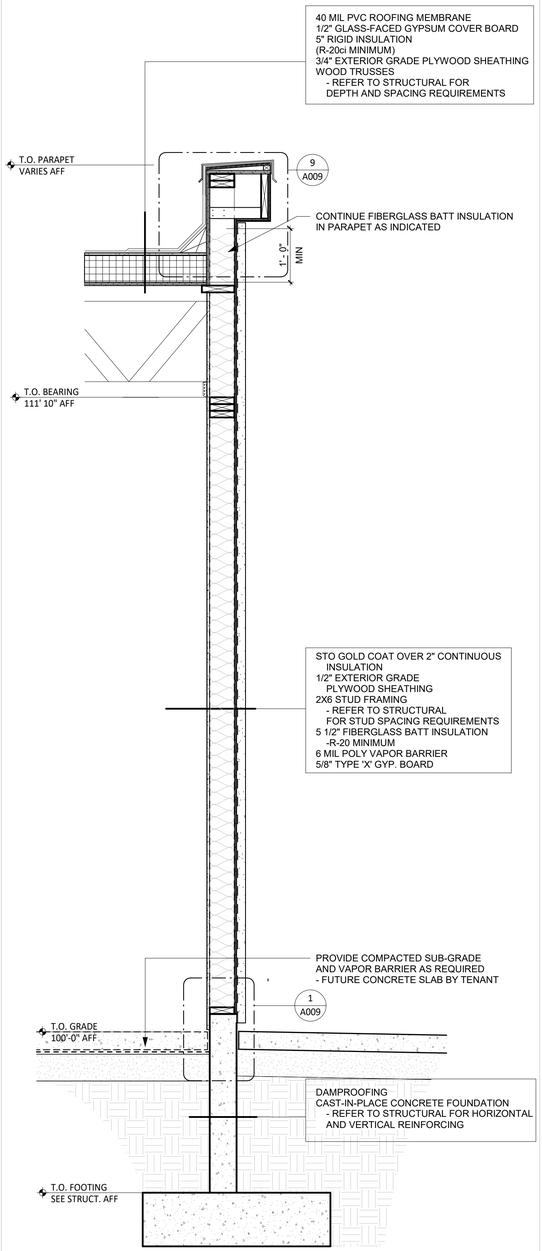
1	06/12/2024	REVISION 02

TITLE:

EXTERIOR ELEVATIONS

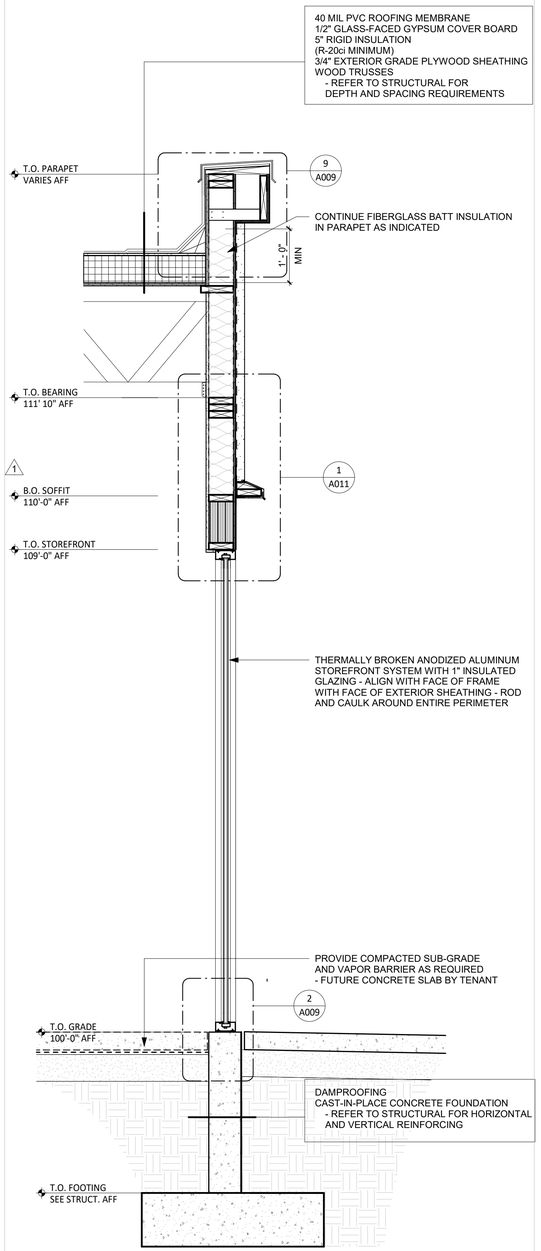
SHEET NUMNBER:

A004



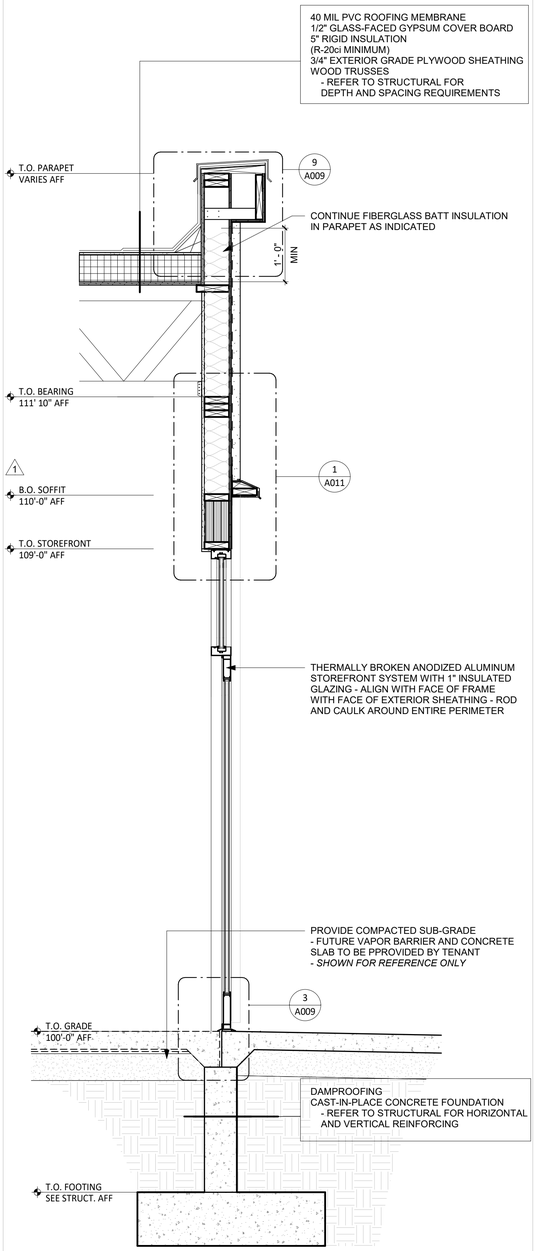
1 SECTION @ WALL - TYPICAL

SCALE: 3/4" = 1'-0"



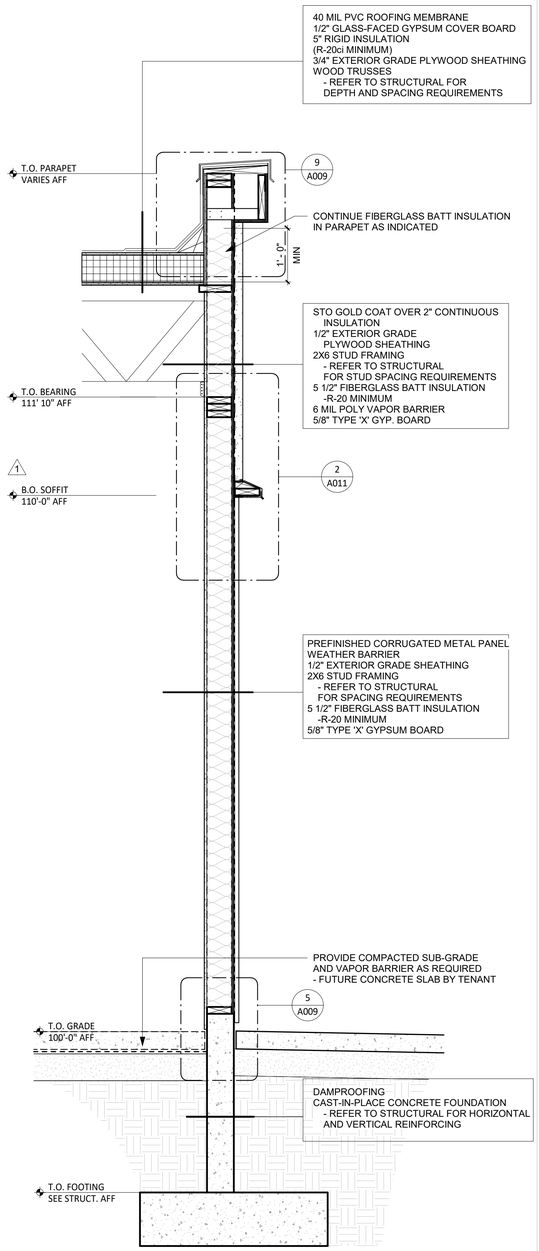
2 SECTION @ STOREFRONT GLAZING

SCALE: 3/4" = 1'-0"



3 SECTION @ SIDE EGRESS

SCALE: 3/4" = 1'-0"



4 SECTION @ METAL PANEL

SCALE: 3/4" = 1'-0"

CONSULTANT:

WILKUS ARCHITECTS

CLIENT:

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 4500
"AUBURN"
TBD 146TH AND HAZEL DELL PKWY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO. 2023-0545
DRAWN BY TRC
CHECKED BY

ISSUE RECORD:

REVISIONS:

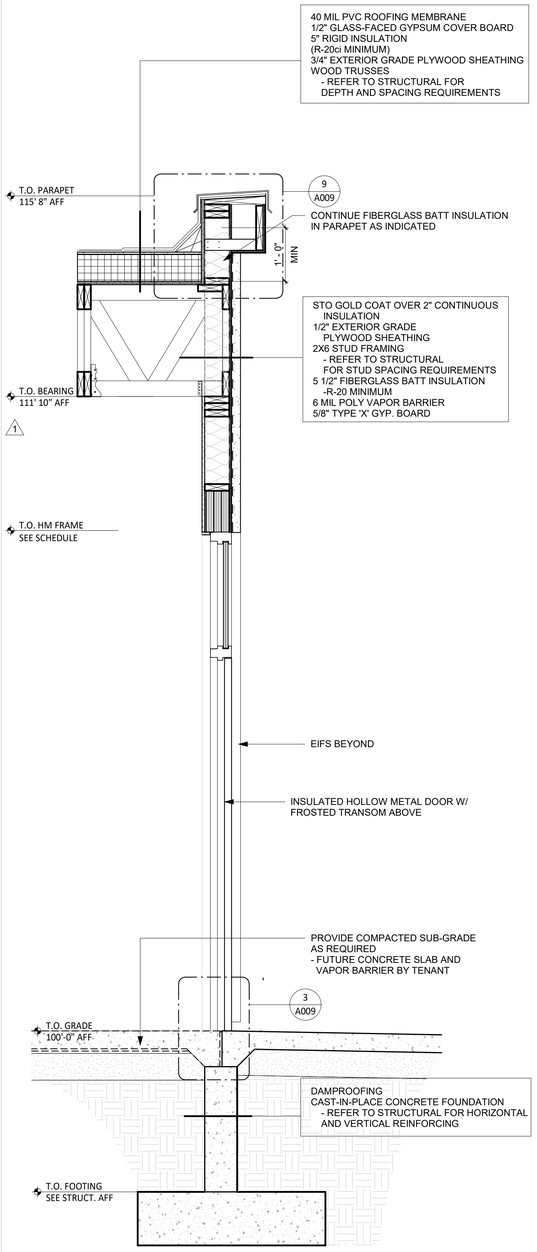
1	06/12/2024	REVISION 02

TITLE:

WALL SECTIONS

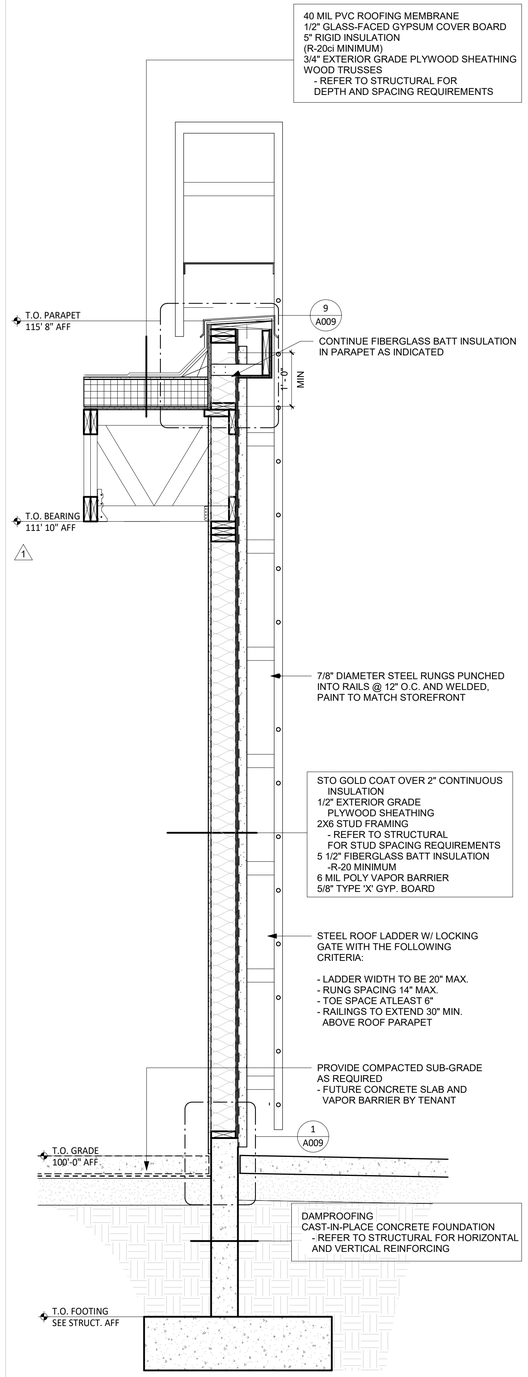
SHEET NUMNBER:

A005



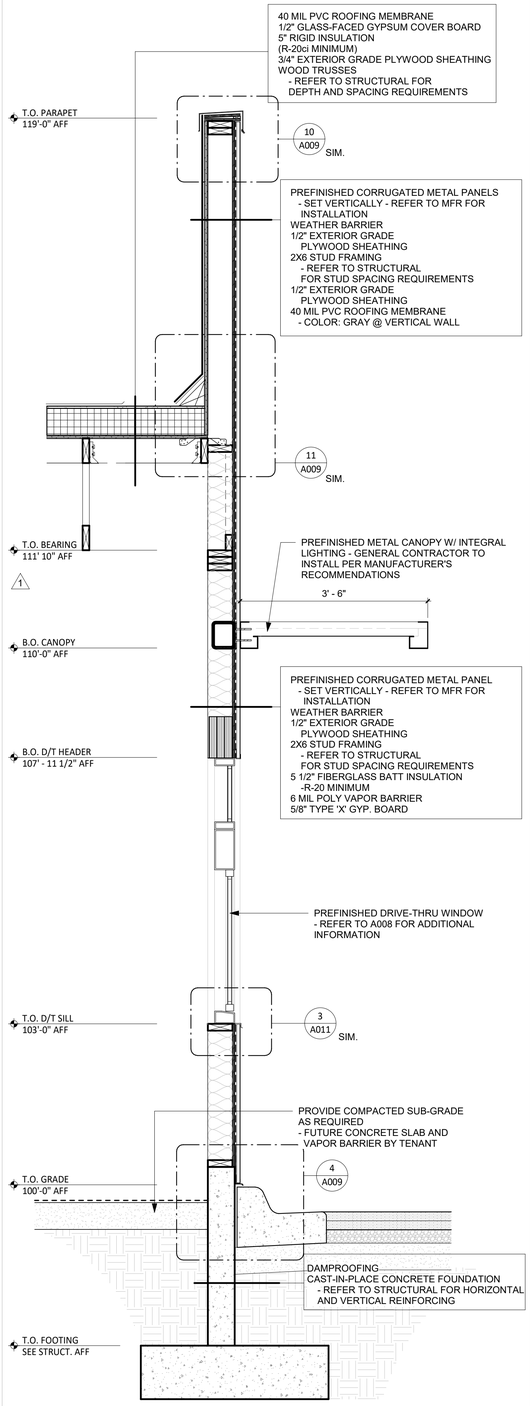
1 SECTION @ REAR SERVICE EGRESS

SCALE: 3/4" = 1'-0"



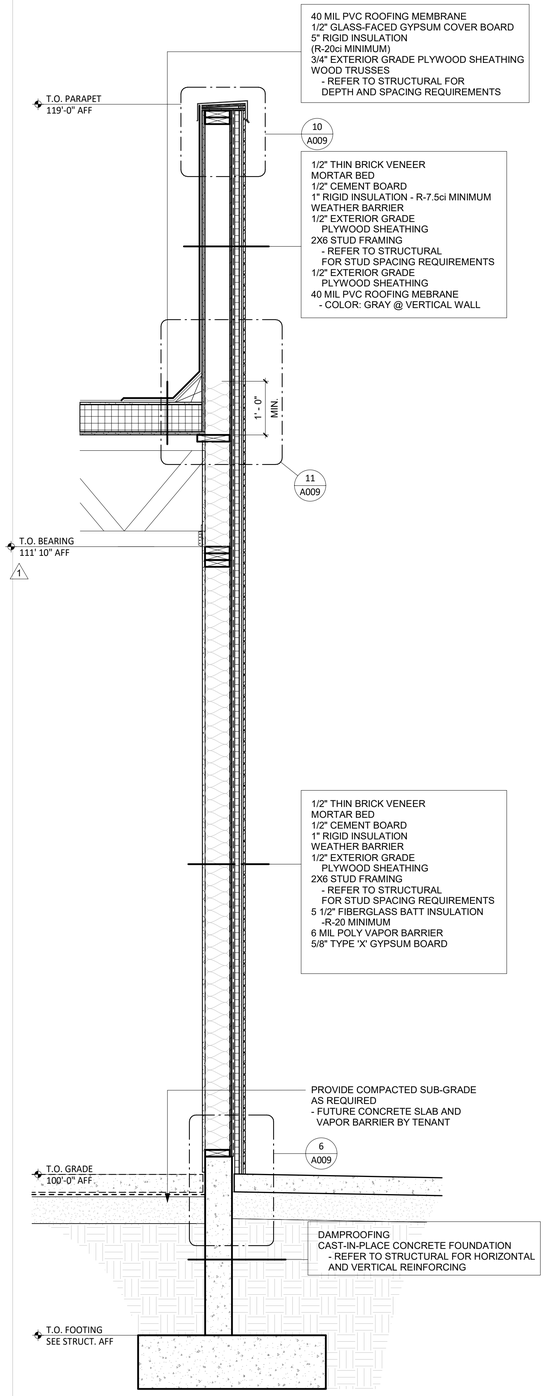
2 SECTION @ ROOF LADDER

SCALE: 3/4" = 1'-0"



3 SECTION @ DRIVE-THRU

SCALE: 3/4" = 1'-0"



4 SECTION @ KITCHEN WALL

SCALE: 3/4" = 1'-0"

CONSULTANT:

WILKUS ARCHITECTS

CLIENT:

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 4500
"AUBURN"
TBD 146TH AND HAZEL DELL PKWY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO. 2023-0545
DRAWN BY TRC
CHECKED BY

ISSUE RECORD:

REVISIONS:

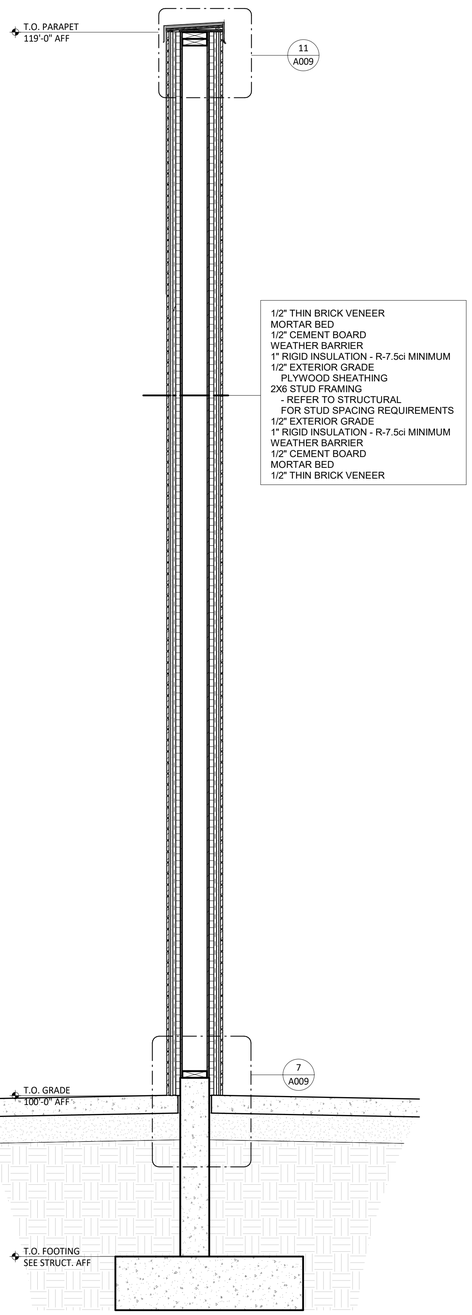
1	06/12/2024	REVISION 02

TITLE:

WALL SECTIONS

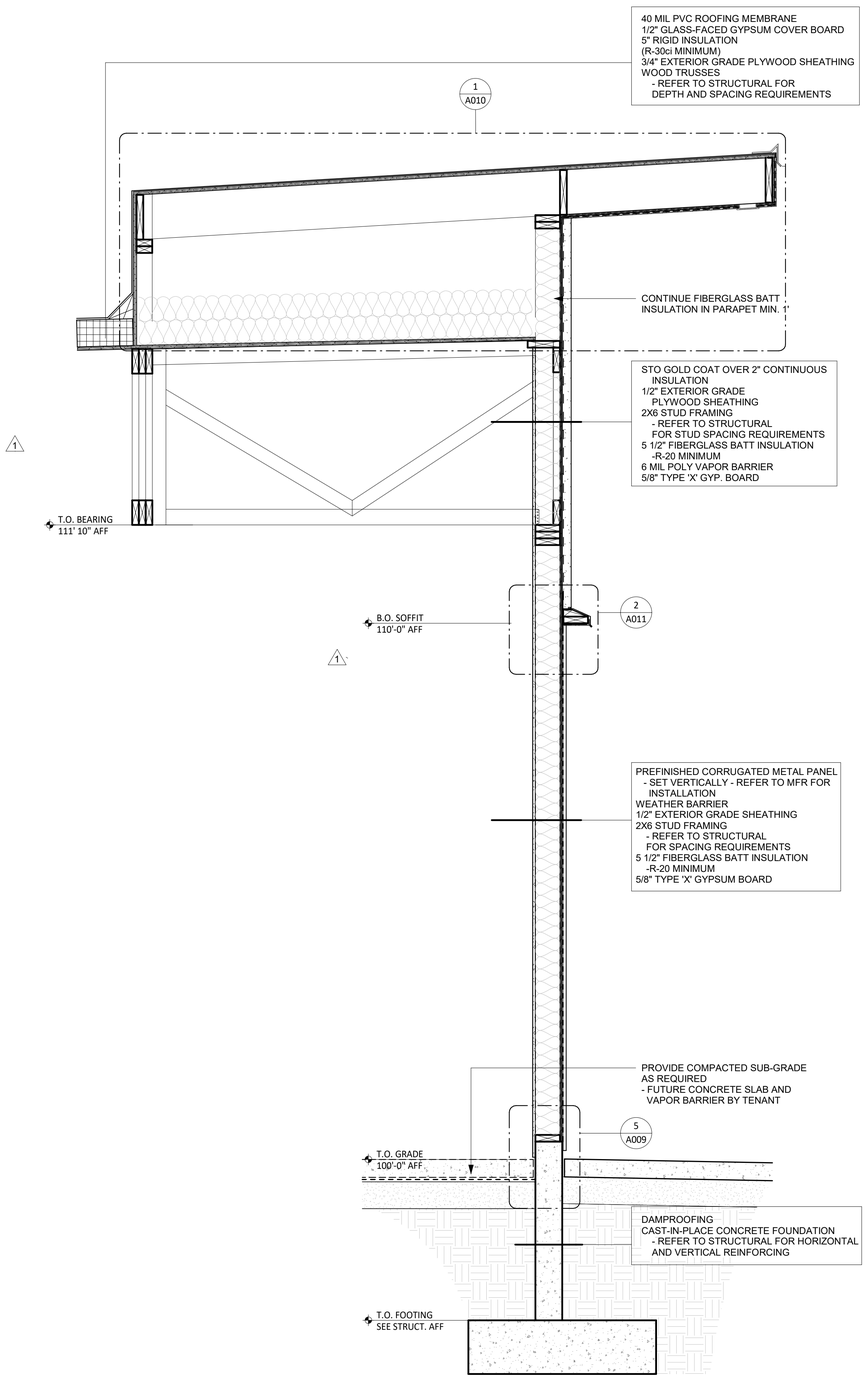
SHEET NUMNBER:

A006



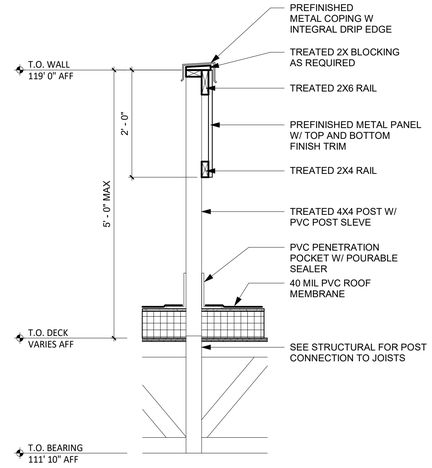
1 SECTION @ EXTERIOR WING WALL

SCALE: 3/4" = 1'-0"



2 SECTION @ METAL PANEL

SCALE: 3/4" = 1'-0"



3 SECTION @ ROOF SCREEN

SCALE: 3/4" = 1'-0"

CONSULTANT:
WILKUS ARCHITECTS

CLIENT:
CHIPOTLE MEXICAN GRILL

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 4500
"AUBURN"
TBD 146TH AND HAZEL DELL PKWY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO. 2023-0545
DRAWN BY TRC
CHECKED BY

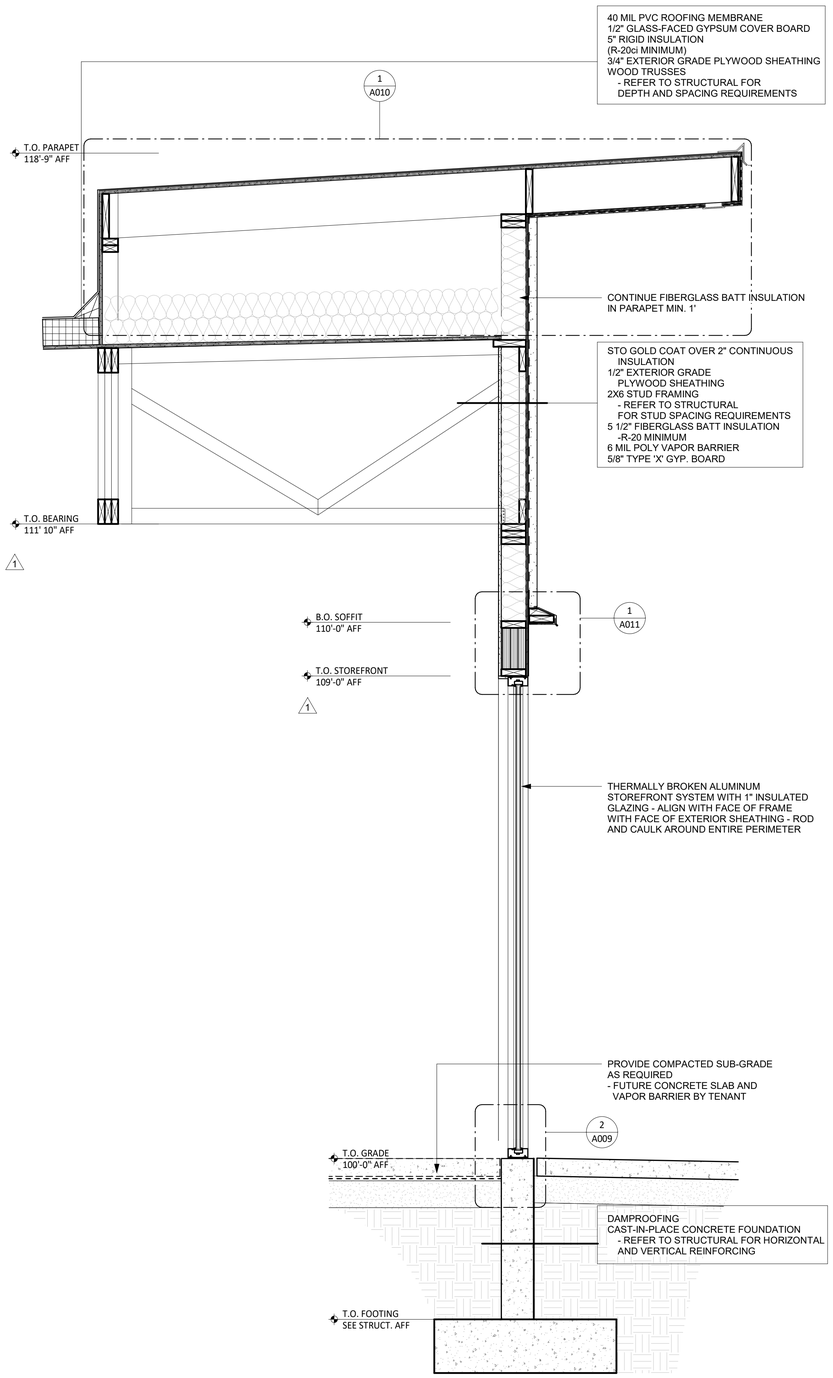
ISSUE RECORD:

REVISIONS:

1	06/12/2024	REVISION 02

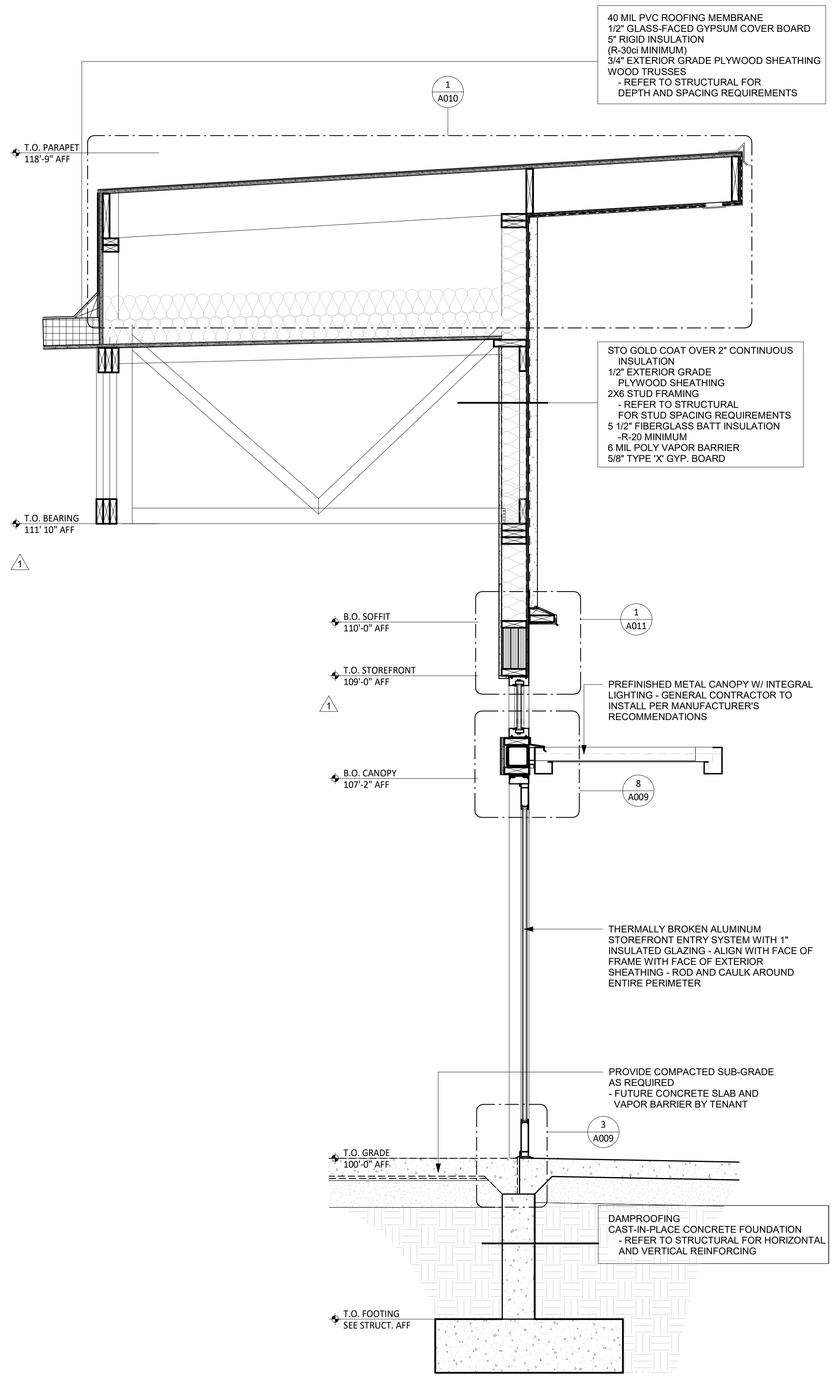
TITLE:
WALL SECTIONS

SHEET NUMNBER:
A007



1 SECTION @ STOREFRONT GLAZING

SCALE: 3/4" = 1'-0"



2 SECTION @ MAIN ENTRY

SCALE: 3/4" = 1'-0"

CONSULTANT:

WILKUS ARCHITECTS

CLIENT:

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 4500
"AUBURN"
TBD 146TH AND HAZEL DELL PKWY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO. 2023-0545
DRAWN BY TRC
CHECKED BY

ISSUE RECORD:

REVISIONS:

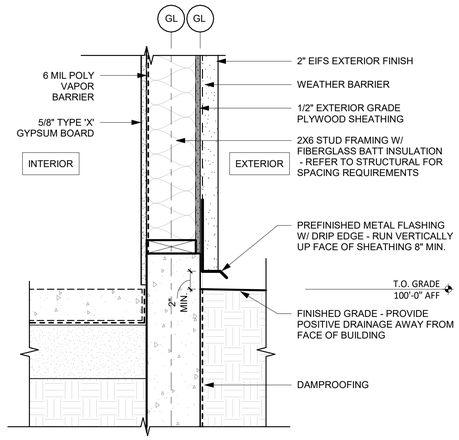
1	06/12/2024	REVISION 02

TITLE:

WALL SECTIONS

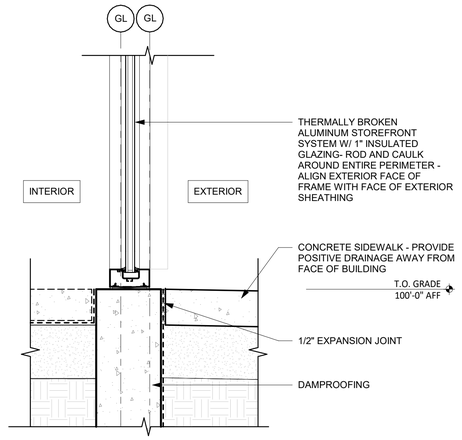
SHEET NUMNBER:

A008



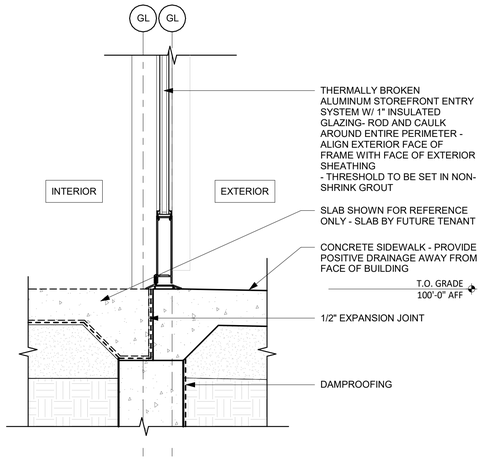
1 FOUNDATION DETAIL - TYPICAL

SCALE: 1 1/2" = 1'-0"



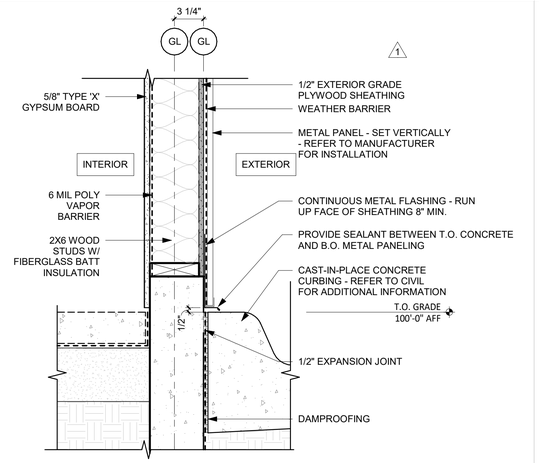
2 FOUNDATION DETAIL @ GLAZING

SCALE: 1 1/2" = 1'-0"



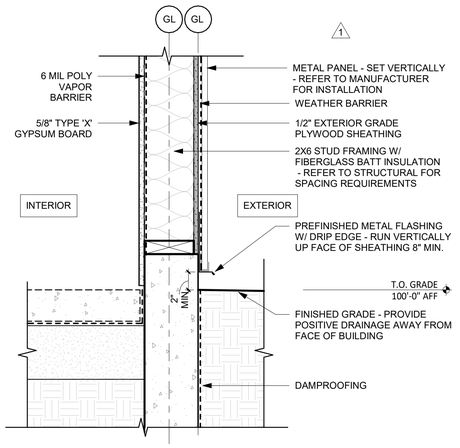
3 FOUNDATION DETAIL @ ENTRY

SCALE: 1 1/2" = 1'-0"



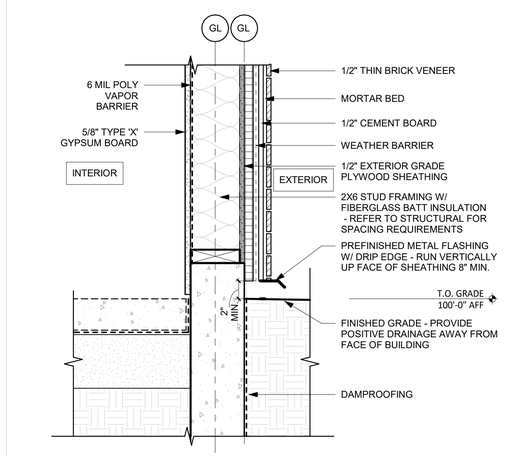
4 FOUNDATION DETAIL @ D/T TOWER

SCALE: 1 1/2" = 1'-0"



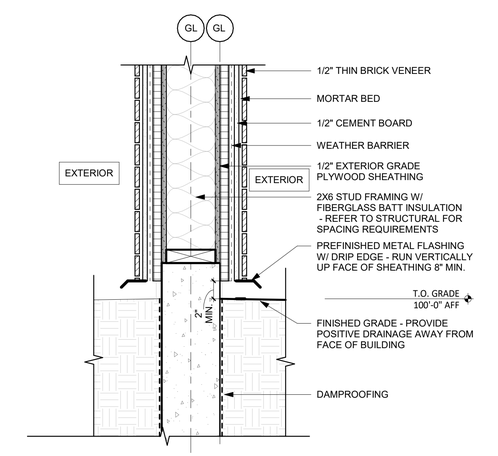
5 FOUNDATION DETAIL - TYPICAL

SCALE: 1 1/2" = 1'-0"



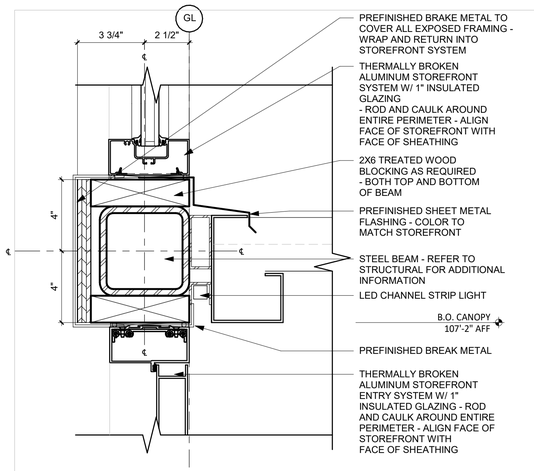
6 FOUNDATION DETAIL - THIN BRICK

SCALE: 1 1/2" = 1'-0"



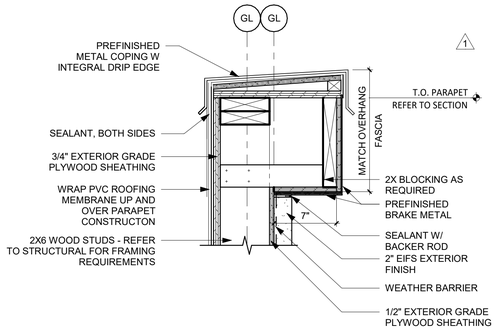
7 FOUNDATION DETAIL - EXT. WING WALL

SCALE: 1 1/2" = 1'-0"



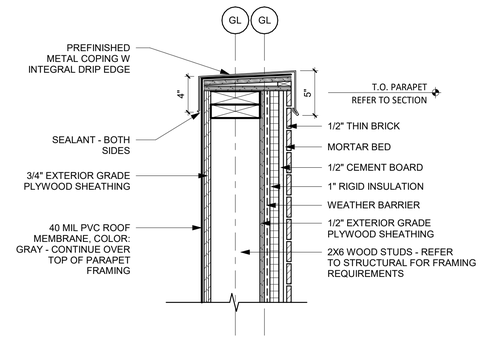
8 DETAIL @ ENTRY CANOPY

SCALE: 3" = 1'-0"



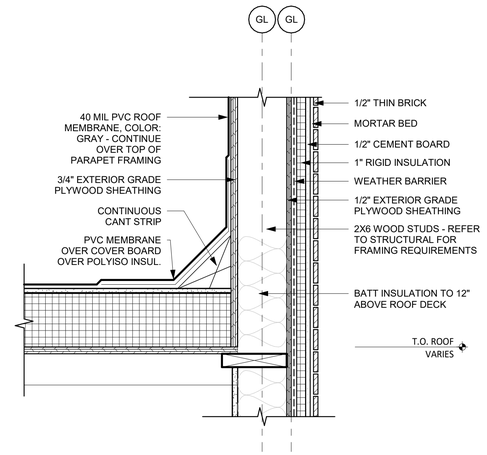
9 DETAIL @ PARAPET CAP

SCALE: 1 1/2" = 1'-0"



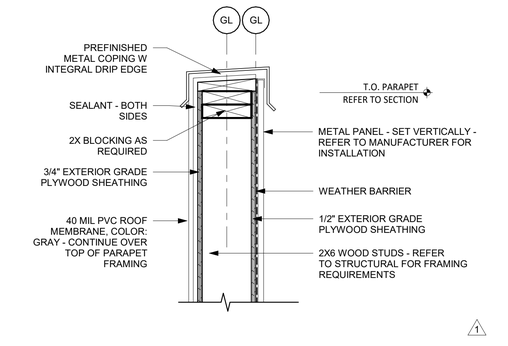
10 DETAIL @ PARAPET CAP

SCALE: 1 1/2" = 1'-0"



11 DETAIL @ WING WALL TO ROOF

SCALE: 1 1/2" = 1'-0"



12 DETAIL @ PARAPET CAP

SCALE: 1 1/2" = 1'-0"

CONSULTANT:
WILKUS ARCHITECTS

CLIENT:
CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 4500
"AUBURN"
TBD 146TH AND HAZEL DELL PKWY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

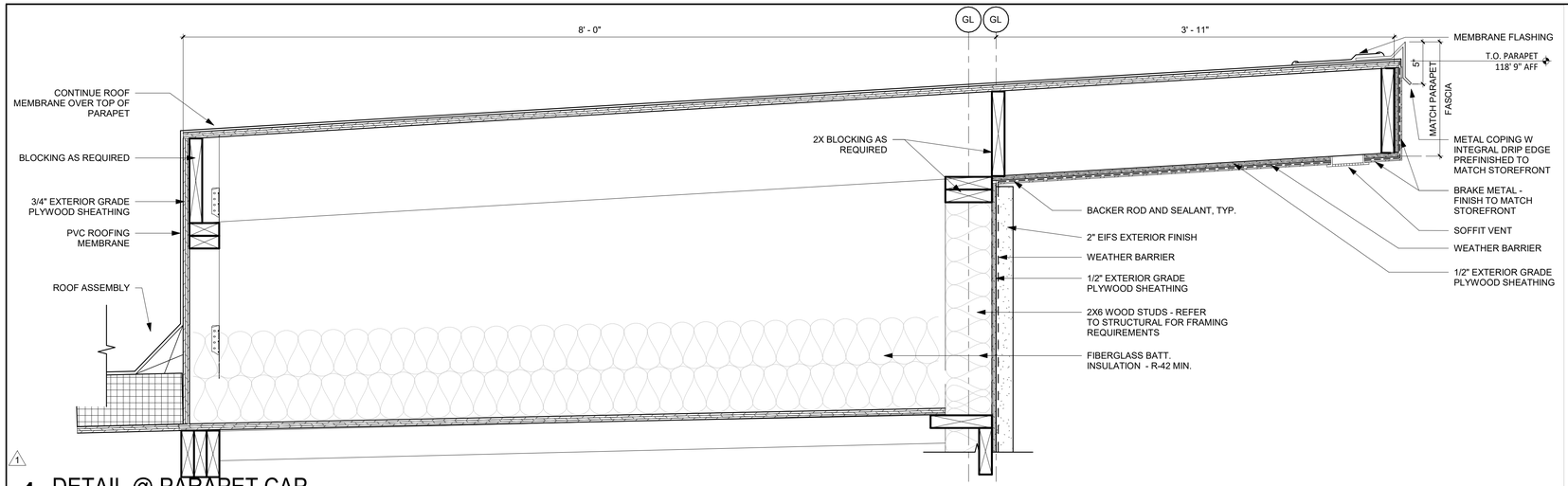
PROJECT NO. 2023-0545
DRAWN BY TRC
CHECKED BY

ISSUE RECORD:

REVISIONS:	
1 06/12/2024	REVISION 02

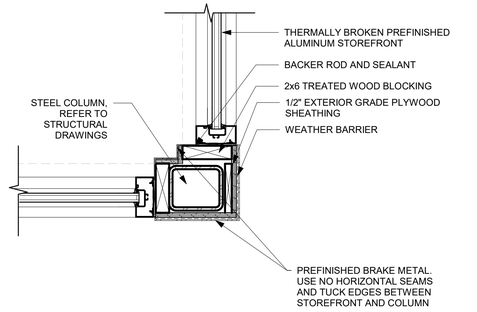
TITLE:
DETAILS

SHEET NUMNBER:
A009



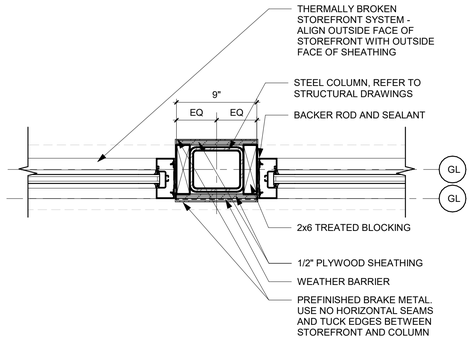
1 DETAIL @ PARAPET CAP

SCALE: 1 1/2" = 1'-0"



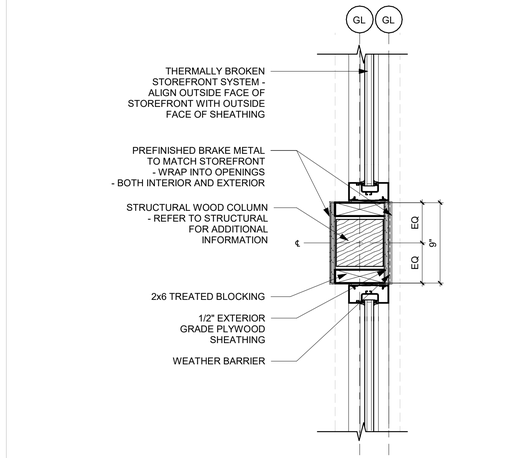
2 PLAN DETAIL @ STOREFRONT CORNER

SCALE: 1 1/2" = 1'-0"



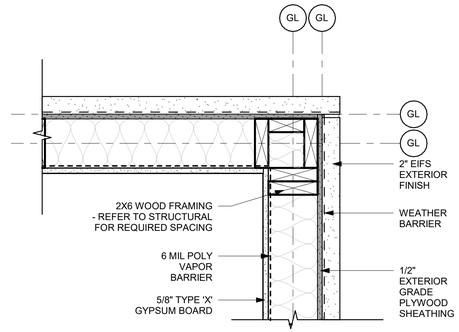
3 PLAN DETAIL @ STEEL COLUMN

SCALE: 1 1/2" = 1'-0"



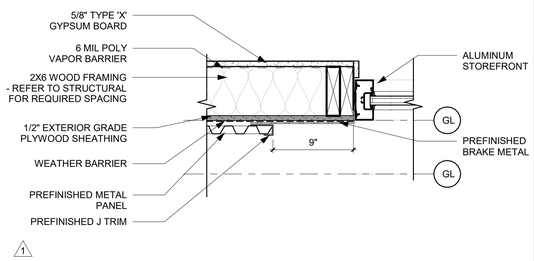
4 PLAN DETAIL @ WOOD COLUMN

SCALE: 1 1/2" = 1'-0"



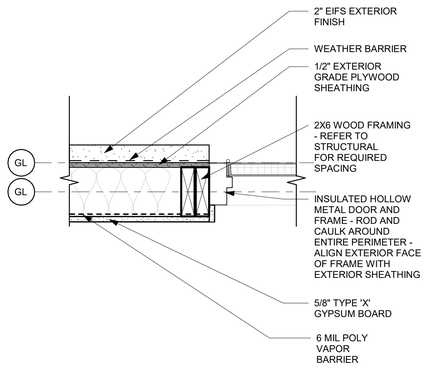
5 PLAN DETAIL @ OUTSIDE CORNER

SCALE: 1 1/2" = 1'-0"



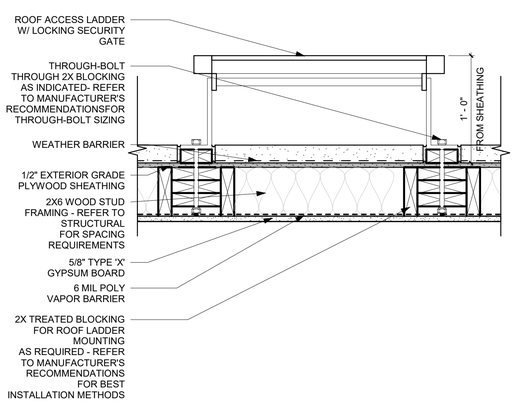
6 PLAN DETAIL @ STOREFRONT JAMB

SCALE: 1 1/2" = 1'-0"



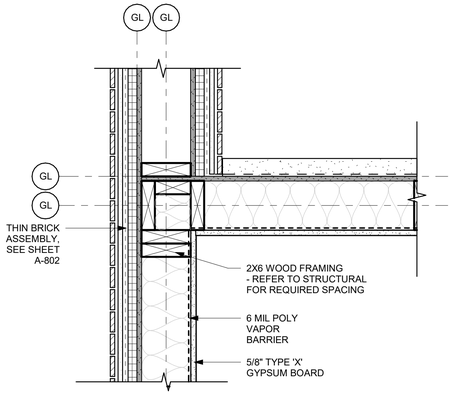
7 PLAN DETAIL @ HM DOOR

SCALE: 1 1/2" = 1'-0"



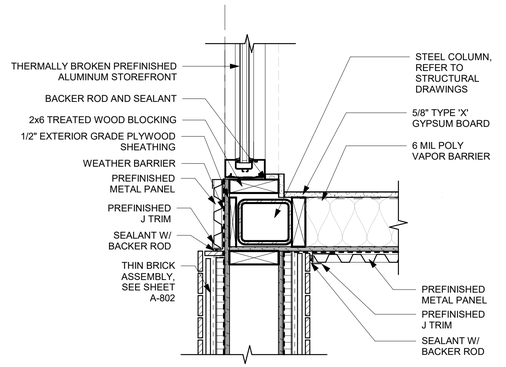
8 PLAN DETAIL @ ROOF ACCESS LADDER

SCALE: 1 1/2" = 1'-0"



9 PLAN DETAIL @ WING WALL CORNER

SCALE: 1 1/2" = 1'-0"



10 PLAN DETAIL @ DRIVE-THRU CORNER

SCALE: 1 1/2" = 1'-0"

CONSULTANT:
WILKUS ARCHITECTS

CLIENT:
CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 4500
"AUBURN"
TBD 146TH AND HAZEL DELL PKWY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

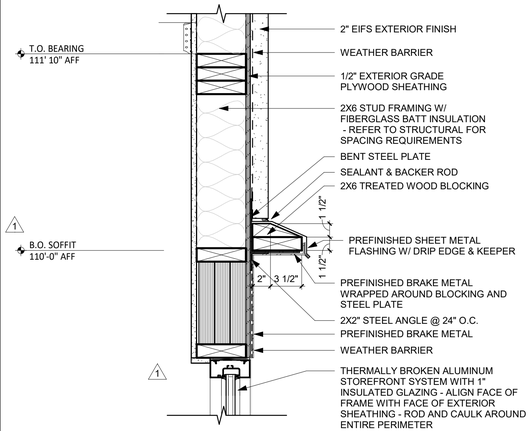
PROJECT NO. 2023-0545
DRAWN BY TRC
CHECKED BY

ISSUE RECORD:

REVISIONS:
1 06/12/2024 REVISION 02

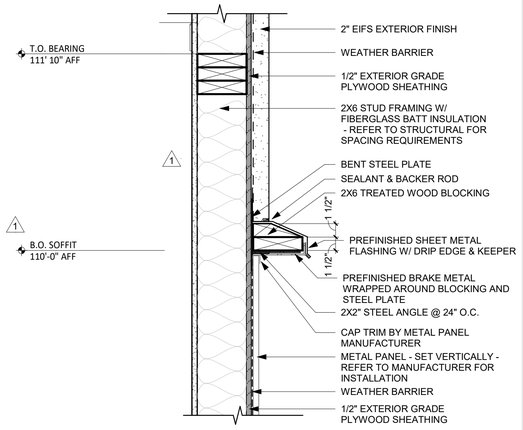
TITLE:
DETAILS

SHEET NUMNBER:
A010



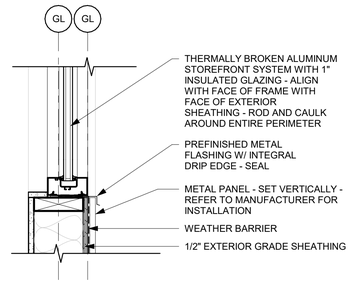
1 DETAIL @ STOREFRONT HEAD

SCALE: 1 1/2" = 1'-0"



2 DETAIL @ METAL PANEL HEAD

SCALE: 1 1/2" = 1'-0"



3 DETAIL @ WINDOW SILL

SCALE: 1 1/2" = 1'-0"

CONSULTANT:

WILKUS ARCHITECTS

CLIENT:

CHIPOTLE MEXICAN GRILL

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 4500
"AUBURN"
TBD 146TH AND HAZEL DELL PKWY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO. 2023-0545
DRAWN BY TRC
CHECKED BY

ISSUE RECORD:

REVISIONS:

1	06/12/2024	REVISION 02

TITLE:

DETAILS

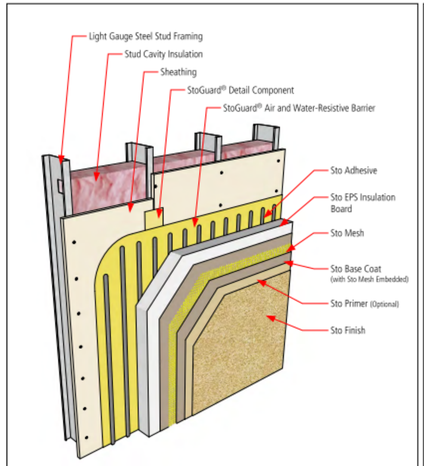
SHEET NUMNBER:

A011

Back to Top

StoTherm® ci
System Components with Sto Textured Finish

Detail No.: 52s.00
Date: June 2022



Notes:

1. Refer to StoGuard Product Use Chart (Table 1.1) for StoGuard detail components; joint treatment, rough opening protection, backing for masonry anchors, or transitions to dissimilar materials, joints and seams in construction.

2. Refer to General Notes for specific information and design guidance on wall assembly components.

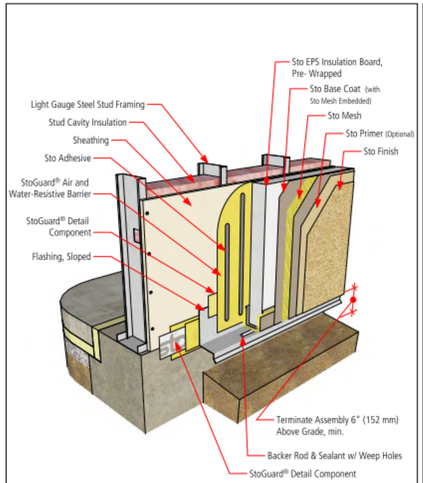
3. Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install the Sto products. Refer to project specific contract documents.

1 StoTherm - SYSTEM COMPONENTS
SCALE: 1/4" = 1'-0"

Back to Top

StoTherm® ci
Termination at Grade - Sheathing Flush with Foundation or Slab Edge

Detail No.: 52s.03A
Date: June 2022



Notes:

1. Refer to StoGuard Product Use Chart (Table 1.1) for StoGuard detail components; joint treatment, rough opening protection, backing for masonry anchors, or transitions to dissimilar materials, joints and seams in construction.

2. Refer to General Notes for specific information and design guidance on wall assembly components.

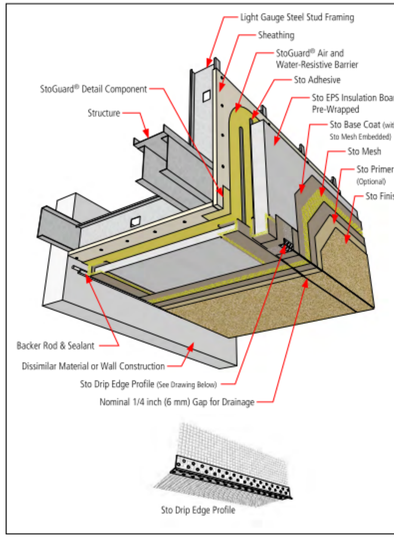
3. Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install the Sto products. Refer to project specific contract documents.

2 StoTherm - TERMINATION @ GRADE
SCALE: 1/4" = 1'-0"

Back to Top

StoTherm® ci
Soffit: Insulated and Unvented

Detail No.: 52s.30
Date: June 2022



Notes:

1. Refer to StoGuard Product Use Chart (Table 1.1) for StoGuard detail components; joint treatment, rough opening protection, backing for masonry anchors, or transitions to dissimilar materials, joints and seams in construction.

2. Refer to General Notes for specific information and design guidance on wall assembly components.

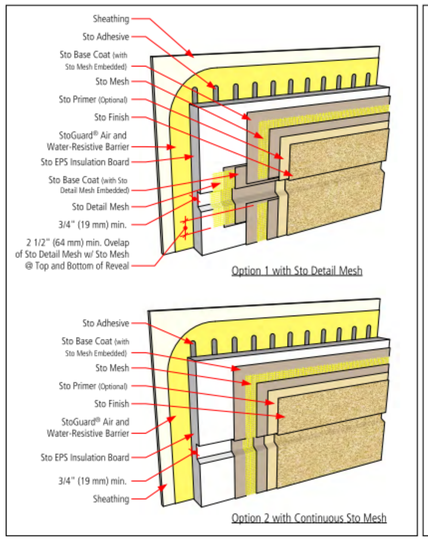
3. Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install the Sto products. Refer to project specific contract documents.

3 StoTherm - SOFFIT
SCALE: 1/4" = 1'-0"

Back to Top

StoTherm® ci
Aesthetic Reveal

Detail No.: 52s.05
Date: June 2022



Notes:

1. Refer to StoGuard Product Use Chart (Table 1.1) for StoGuard detail components; joint treatment, rough opening protection, backing for masonry anchors, or transitions to dissimilar materials, joints and seams in construction.

2. Refer to General Notes for specific information and design guidance on wall assembly components.

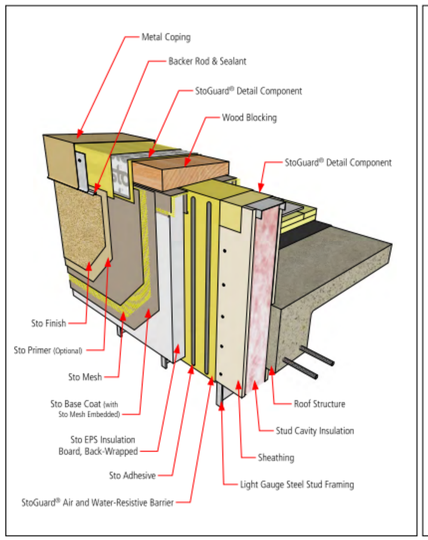
3. Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install the Sto products. Refer to project specific contract documents.

4 StoTherm - AESTHETIC REVEAL
SCALE: 1/4" = 1'-0"

Back to Top

StoTherm® ci
Termination at Parapet - Front

Detail No.: 52s.60A
Date: June 2022



Notes:

1. Refer to StoGuard Product Use Chart (Table 1.1) for StoGuard detail components; joint treatment, rough opening protection, backing for masonry anchors, or transitions to dissimilar materials, joints and seams in construction.

2. Refer to General Notes for specific information and design guidance on wall assembly components.

3. Components not identified as Sto are furnished by other manufacturers and are not necessarily installed by trades who install the Sto products. Refer to project specific contract documents.

5 StoTherm - TERMINATION @ PARAPET
SCALE: 1/4" = 1'-0"

CONSULTANT:

WILKUS ARCHITECTS

CLIENT:

CHIPOTLE MEXICAN GRILL

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 4500
"AUBURN"
TBD 146TH AND HAZEL DELL PKWY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO. 2023-0545
DRAWN BY TRC
CHECKED BY

ISSUE RECORD:

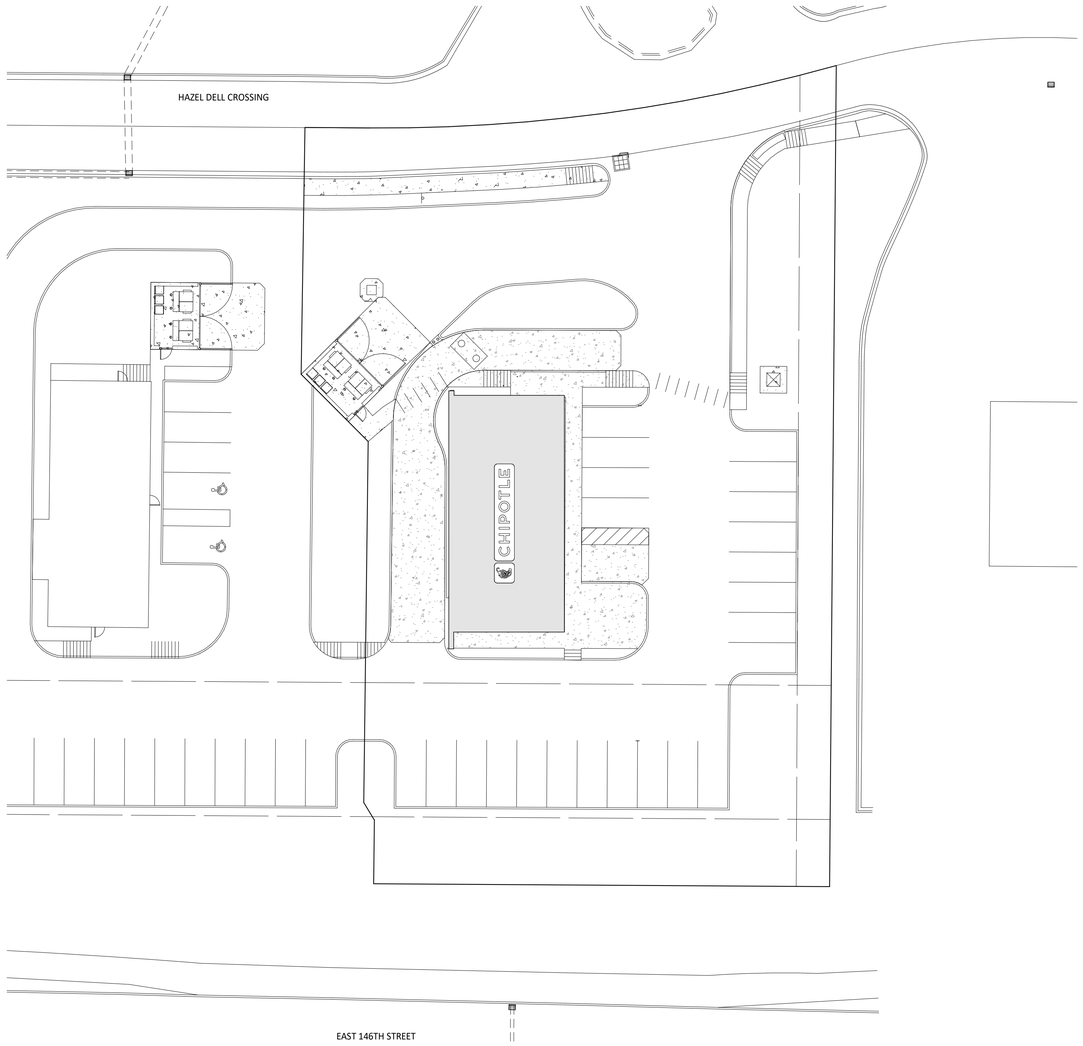
REVISIONS:

TITLE:
EIFS DETAILS

SHEET NUMBER:
A012

#5081 "146th & HAZEL DELL PARKWAY"
TENANT BUILDOUT CONSTRUCTION DOCUMENTS FOR
CHIPOTLE MEXICAN GRILL

TBD 146th & HAZEL DELL PARKWAY
NOBLESVILLE, IN 46062



SHEET INDEX - TENANT

SHEET NO.	SHEET NAME	REVISION 1	2	3
ARCHITECTURAL				
A000	COVER SHEET AND SHEET INDEX			
A101	SLAB WORK PLAN		•	
A110	ARCHITECTURAL FLOOR PLAN		•	
A111	ARCHITECTURAL WALL TYPES			
A120	FINISH PLAN		•	
A130	FF&E PLAN		•	
A131	FF&E SCHEDULES			
A140	ARCHITECTURAL ROOF PLAN			
A201	REFLECTED CEILING PLAN		•	
A210	CEILING DETAILS		•	
A211	LIGHTING DETAILS		•	
A501	INTERIOR SECTIONS		•	
A601	DOOR & HARDWARE SCHEDULE		•	
A701	ELEVATIONS - INTERIOR DINING		•	
A702	ELEVATIONS - INTERIOR KITCHEN			
A710	RESTROOM INFORMATION		•	
A801	FINISH DETAILS - GENERAL			
A802	FINISH DETAILS - TILE		•	

PROJECT TEAM

OWNER / LANDLORD: ECLIPSE REAL ESTATE
6402 CORNELL AVE
INDIANAPOLIS, IN 46220
BRYAN CHANDLER
E: Bchandler@eclipsere.com

TENANT: CHIPOTLE MEXICAN GRILL
PO BOX 182566
COLUMBUS, OH 43218-2566
HEATHER CONLEY
E: heather.conley@chipotle.com
T: (380) 222-7248
C: (614) 816-1382

ARCHITECT: WILKUS ARCHITECTS, P.A., P.C.
15 NINTH AVENUE NORTH
HOPKINS, MN 55343
DAVIN LINDOW
E: drl@wilkusarch.com
T: (952) 843-7055

STRUCTURAL ENGINEER: VAA ENGINEERING
2300 BERKSHIRE LANE N, SUITE 200
PLYMOUTH, MN 55441
CONTACT: TERRY MAHR
E: tmahr@vaaeng.com
T: (763) 577-9119

MECHANICAL ELECTRICAL PLUMBING ENGINEER: NATIONAL ENGINEERING, LTD.
4635 TRUEMAN BLVD., SUITE 250
HILLARD, OH 43026

CONTACT: CLIFF KIGAR
E: ckigar@nationalengineering.com
T: (614) 328-2033

WILKUS ARCHITECTS

CLIENT:

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2023
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 5081
"146th & HAZEL DELL PARKWAY"
TBD 146th & HAZEL DELL PARKWAY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO. 2023-0238
DRAWN BY RDB, THV
CHECKED BY

ISSUE RECORD:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

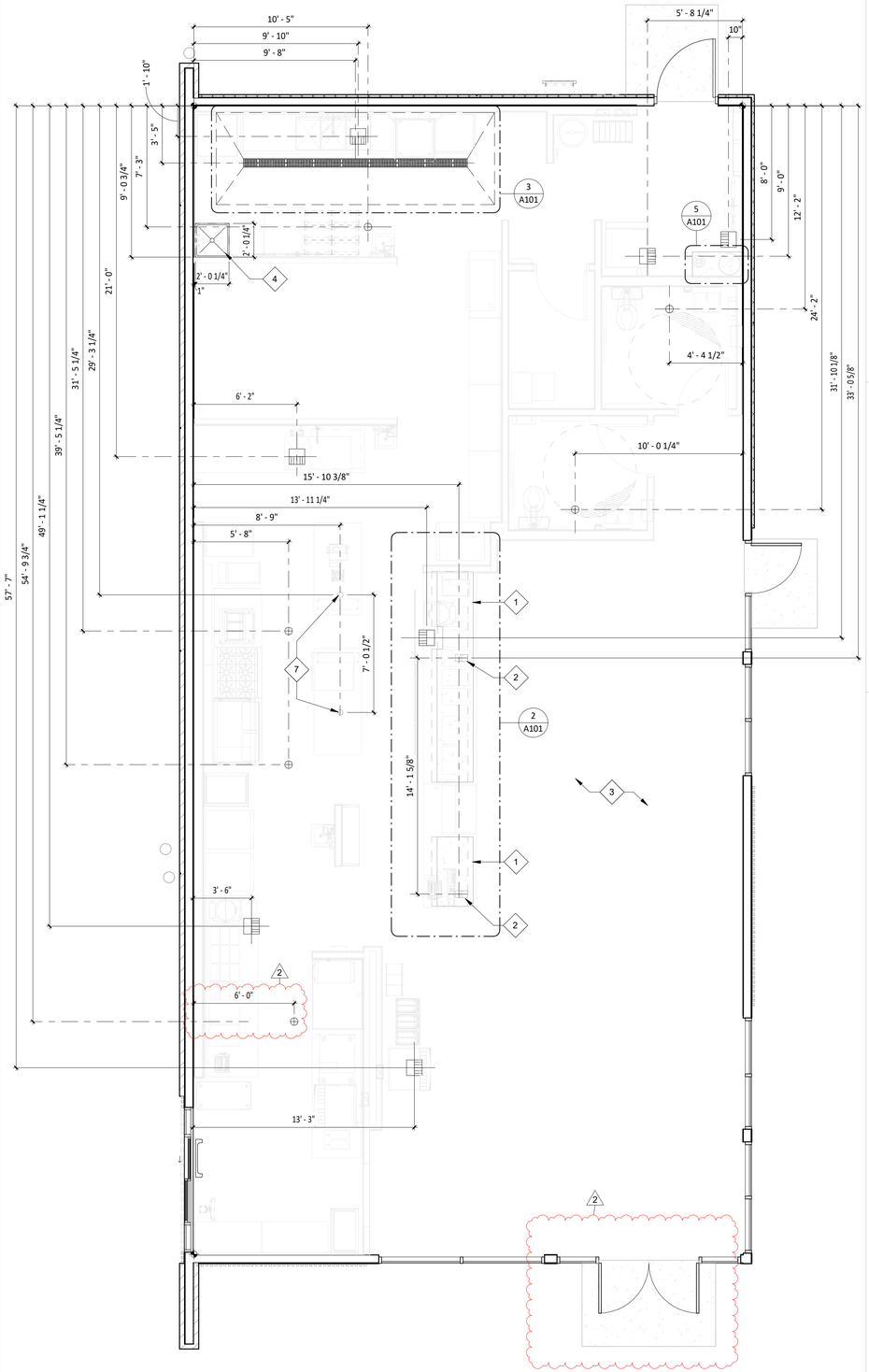
REVISIONS:

TITLE:

COVER SHEET AND SHEET INDEX

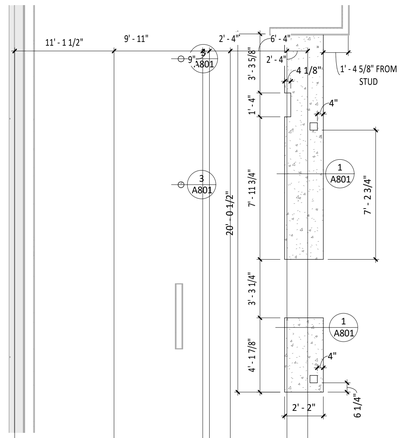
SHEET NUMNBER:

A000



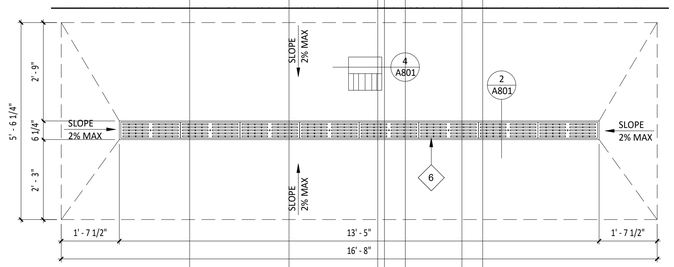
1 SLAB WORK PLAN

SCALE: 1/4" = 1'-0"



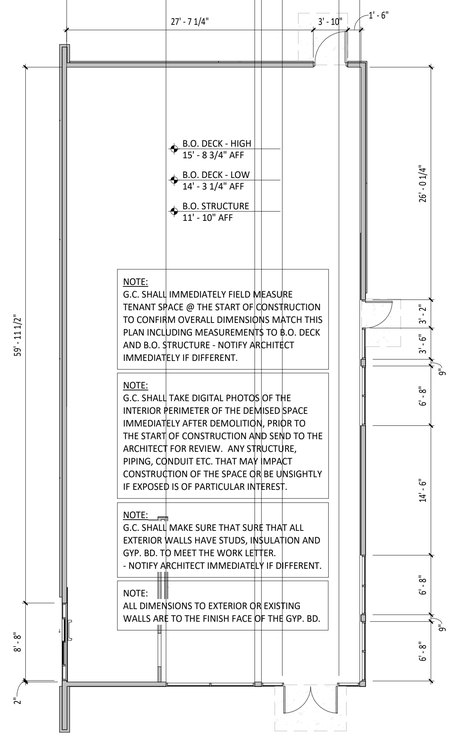
2 CURB PLAN

SCALE: 1/4" = 1'-0"



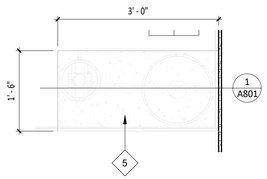
3 TRENCH DRAIN DETAIL

SCALE: 1/2" = 1'-0"



4 DEMISED PREMISES PLAN

SCALE: 1/8" = 1'-0"



5 CURB PLAN

SCALE: 3/4" = 1'-0"

GENERAL NOTES - SLAB PLAN

A.	ALL INTERIOR DIMENSIONS ARE TO FACE OF FRAMING, OR CENTERLINE OF STRUCTURE UNLESS NOTED OTHERWISE. ALL DIMENSIONS TO EXTERIOR OR EXISTING WALLS ARE TO FINISH FACE OF EXISTING GYPSUM BOARD. ALL DIMENSIONS TAKEN FROM TARGET POINT U.N.O.
B.	ALL DIMENSIONS ARE TO THE CENTERLINE OF FIXTURE UNLESS OTHERWISE NOTED.
C.	GC TO REVIEW ELECTRICAL PLANS FOR LIGHTING OR POWER STUB LOCATIONS PRIOR TO POURING SLAB.
D.	REFER TO "03300 - CAST-IN-PLACE CONCRETE" IN SPECIFICATIONS FOR CONCRETE PATCHING OR INSTALLATION INFORMATION.
E.	VERIFY PERIMETER FOUNDATION INSULATION IS EXISTING IN FIELD AND NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO COMMENCEMENT OF CONSTRUCTION.
F.	ALL TILED FLOOR TO MAINTAIN POSITIVE SLOPE TO ALL FLOOR DRAINS OF NOT GREATER THAN 2% SLOPE FOR A 4'X4' AREA U.N.O.
G.	EXISTING SLAB TO BE TRENCHED AS NEEDED PER PLUMBING AND ARCHITECTURAL PLANS

PLUMBING LEGEND

FLOOR SINK LOCATION ⊕ FLOOR DRAIN LOCATION

KEYNOTE LEGEND ◇

1	4" CONCRETE CURB - COORDINATE EXACT LOCATION WITH FINAL EQUIPMENT LOCATIONS - SEE DETAILS 1/A801 FOR ADDITIONAL INFORMATION.
2	5" X 5" POWER STUB LOCATION - COORDINATE WITH ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
3	LANDLORD TO PROVIDE POROUS FILL - CHIPOTLE GENERAL CONTRACTOR TO PROVIDE 10 MIL VAPOR BARRIER AND 4" MINIMUM CONCRETE SLAB ON GRADE - REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
4	OUTLINE OF MOP SINK AS INDICATED.
5	5" CONCRETE CURB - COORDINATE EXACT LOCATION WITH FINAL EQUIPMENT LOCATIONS - SEE DETAILS 1/A801 FOR ADDITIONAL INFORMATION.
6	TRENCH DRAIN TO BE RECESSED INTO SLAB A MINIMUM OF 8" THICK CONCRETE SLAB WITH 4" MINIMUM CONCRETE BED BELOW - REFER TO MANUFACTURERS INSTALLATION INSTRUCTIONS - SEE DETAIL 3/A101 FOR ADDITIONAL INFORMATION - SLOPE FLOOR IN THIS AREA ONLY TOWARDS DRAIN 1/40.
7	4" PVC PIPE WITH 2" HIGH CONCRETE INFILL FOR POWER STUBS - TYPICAL OF TWO (2) - REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

WILKUS ARCHITECTS

CLIENT:

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2023
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 5081
"146th & HAZEL DELL PARKWAY"
TBD 146th & HAZEL DELL PARKWAY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO.	2023-0238
DRAWN BY	RDB, THV
CHECKED BY	

ISSUE RECORD:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

REVISIONS:

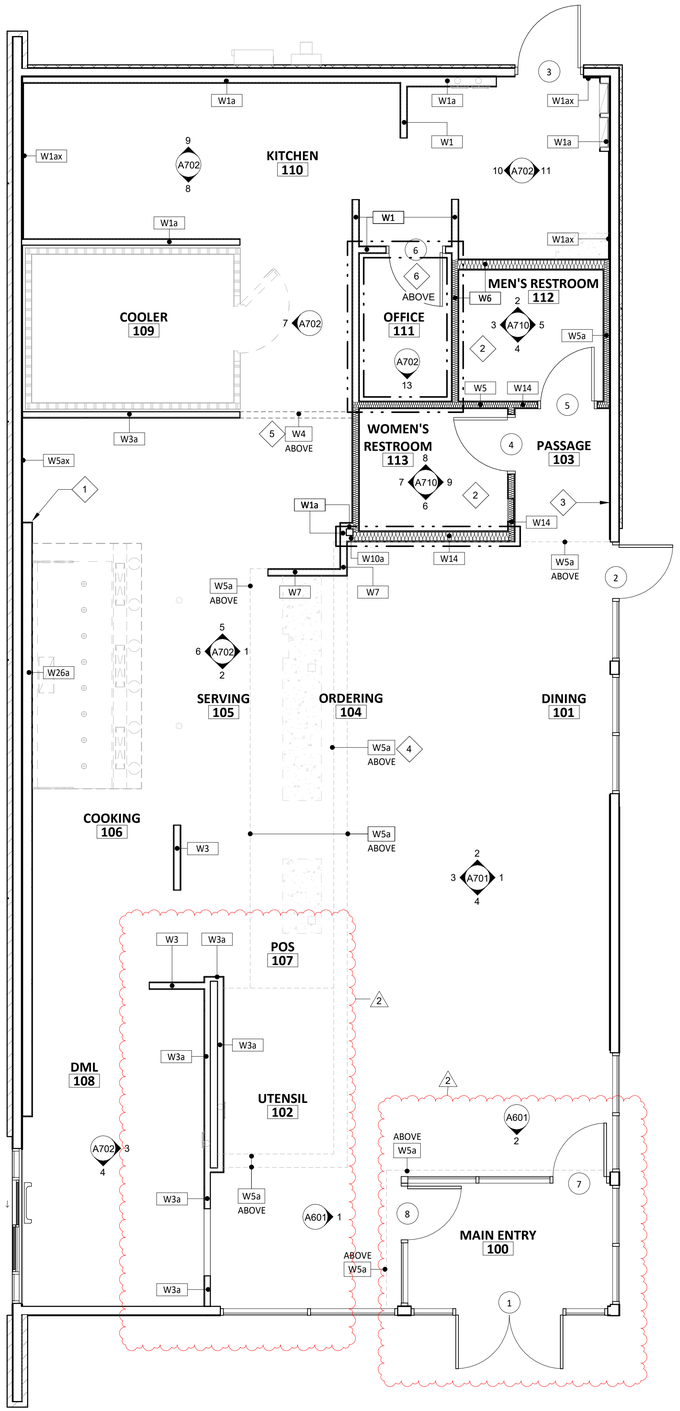
2	06.12.2024	Revision 2

TITLE:

SLAB WORK PLAN

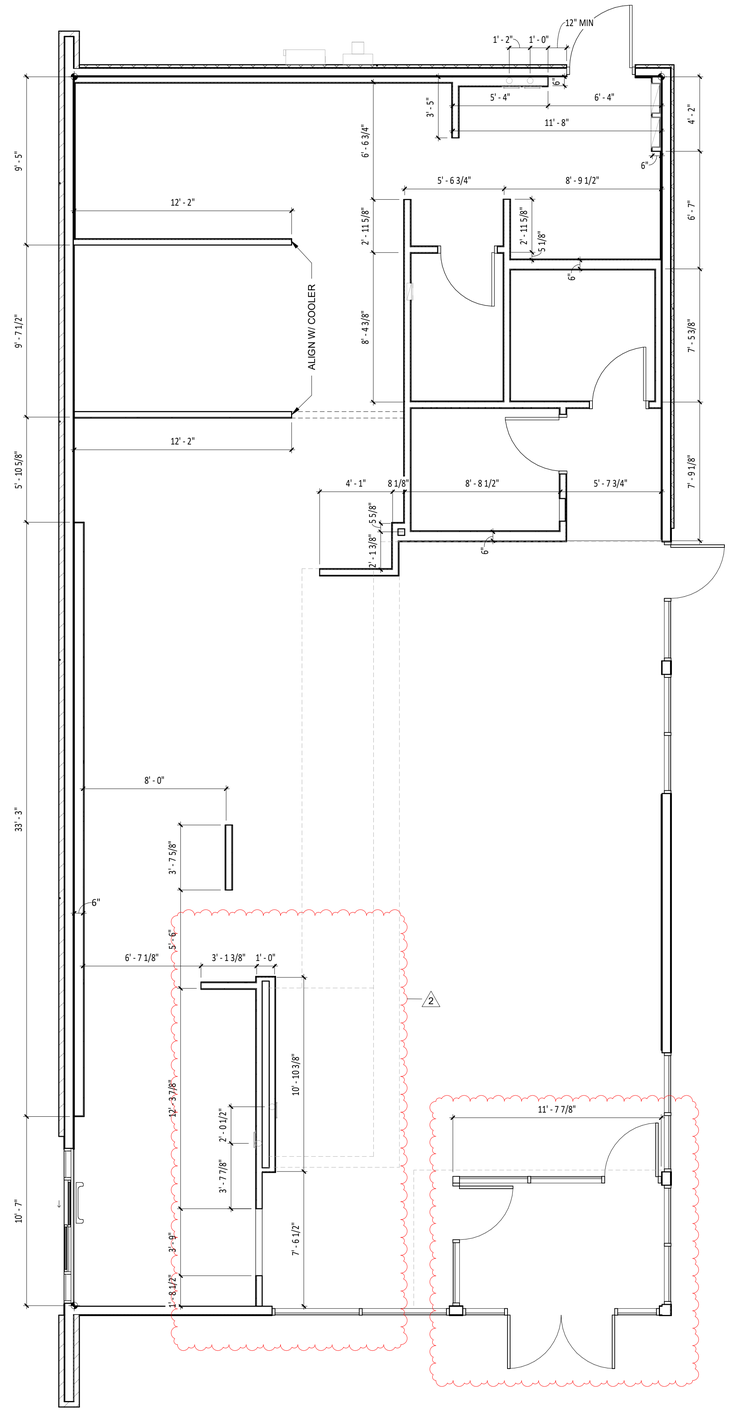
SHEET NUMNBER:

A101



1 ARCHITECTURAL FLOOR PLAN

SCALE: 1/4" = 1'-0"



2 DIMENSIONED FLOOR PLAN

SCALE: 1/4" = 1'-0"

GENERAL NOTES - FLOOR PLAN

A.	ALL INTERIOR DIMENSIONS ARE TO FACE OF FRAMING, OR CENTERLINE OF STRUCTURE UNLESS NOTED OTHERWISE. ALL DIMENSIONS TO EXTERIOR OR EXISTING WALLS ARE TO FINISH FACE OF EXISTING GYPSUM BOARD. ALL DIMENSIONS TAKEN FROM TARGET POINT U.N.O.
B.	DASHED CIRCLE IN RESTROOM INDICATE TURNING DIAMETER REQUIRED BY ADA.
C.	REFER TO WALL FINISH LEGEND ON A120.
D.	ALL STUDS ARE 3 5/8" METAL STUDS UNLESS NOTED OTHERWISE ON PLAN.
E.	ALL INTERIOR DOORS ARE 4" OFF OF PERPENDICULAR WALL UNLESS NOTED OTHERWISE.
F.	IN SITUATIONS WHERE TENANT'S G.C. IS TO PROVIDE TYPE 'X' GYP. BD. FOR A RATED ASSEMBLY, THE TYPE 'X' GYP. BD. IS REQUIRED TO GO BENEATH THE SHEATHING AND FINISHES.
G.	SEE SHEET A801 FOR ADDITIONAL SHEATHING BEHIND CERTAIN WALL FINISHES.
H.	SEE A601 FOR DOOR TYPES.
I.	TENANT'S GENERAL CONTRACTOR TO LAYOUT OF ENTIRE SPACE PRIOR TO STARTING FRAMING AND REPORT ANY DESCREPANCIES IN NOTED DIMENSIONS TO ARCHITECT AND CHIPOTLE MEXICAN GRILL'S CM PRIOR TO PROCEEDING. FAILURE TO ADHERE TO THESE REQUIREMENTS RESULTING IN ANY REMEDIATION REQUIRED TO MEET DESIGN INTENT WILL BE AT CONTRACTOR'S COST.
J.	SEE A110 FOR WALL TYPE INFORMATION.
K.	PROVIDE DEFLECTION TRACK AT ALL WALLS WHICH GO TO THE UNDERSIDE OF DECKING, REFER TO SHEET A110.
L.	PROVIDE FULL HEIGHT BLOCKING IN WALL FOR ALL SHELVING, TYP.
M.	DENSSHIELD TILE BACKER BOARD SHALL NOT BE INSTALLED OVER VAPOR BARRIERS AT EXTERIOR WALLS.
N.	MOISTURE RESISTANT GYP. BD. SHALL BE USED IN RESTROOMS.

WALL TYPE LEGEND

NEW CONSTRUCTION		INDICATES LOCATION OF ITEMS ABOVE	
EXISTING CONSTRUCTION		DESIGNATES WALLS & SHEATHING TO EXTEND TO DECK	
NEW CONSTRUCTION WITH SOUND BATT INSULATION		DESIGNATES EXISTING TWO (2) HOUR RATED ASSEMBLY (BY OTHERS)	
WALK-IN COOLER			

KEYNOTE LEGEND

1	WHERE GREASE EXHAUST HOOD INTERSECTS WALLS, PROVIDE 24 GAUGE GALVANIZED METAL FROM TOP OF WALL TO 18" PAST HOOD IN ALL DIRECTIONS.
2	FOR REQUIRED RESTROOM BLOCKING, REFER TO ELEVATIONS ON A710.
3	PROVIDE 25 GAUGE GLAVANIZED METAL TO 50 1/2" A.F.F.
4	DASHED LINES INDICATE LOCATION OF SOFFIT ABOVE - REFER TO A201 FOR ADDITIONAL INFORMATION.
5	DASHED LINES INDICATE LOCATION OF SOFFIT WALL TO DECK ABOVE - REFER TO A201 FOR ADDITIONAL INFORMATION.
6	PROVIDE MOUNTING BOARDS FOR SECURITY SYSTEMS AND TELECOMS - REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

WILKUS ARCHITECTS

CLIENT:

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2023
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 5081
"146th & HAZEL DELL PARKWAY"
TBD 146th & HAZEL DELL PARKWAY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO. 2023-0238
DRAWN BY RDB, THV
CHECKED BY

ISSUE RECORD:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

REVISIONS:

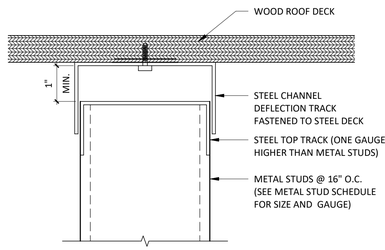
2	06.12.2024	Revision 2

TITLE:

ARCHITECTURAL FLOOR PLAN

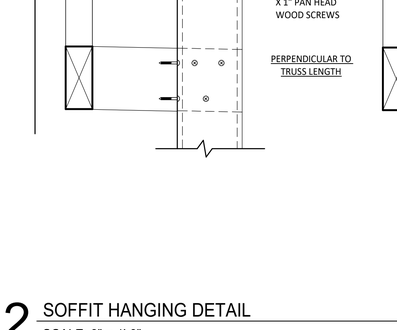
SHEET NUMNBER:

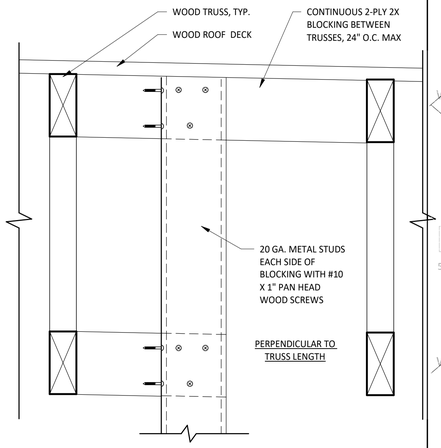
A110



1 DEFLECTION TRACK DETAIL @ PARTITION

SCALE: 6" = 1'-0"

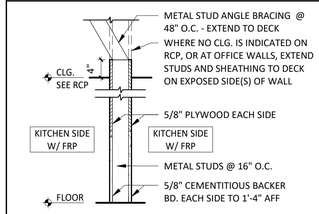




2 SOFFIT HANGING DETAIL

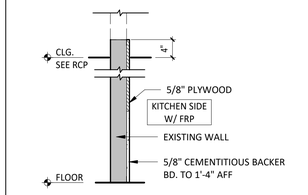
SCALE: 3" = 1'-0"

WALL TYPES

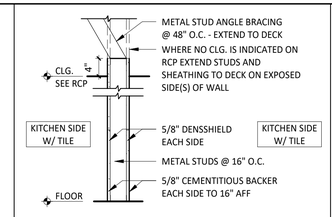


W1 INTERIOR PARTITION

W1a INTERIOR PARTITION (1-SIDE ONLY)

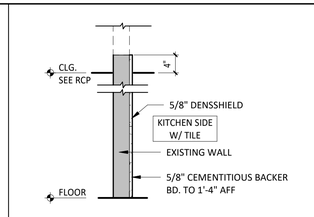


W1ax INTERIOR PARTITION (SUBSTRATE ONLY)

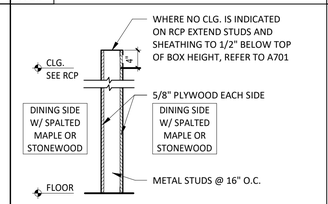


W3 INTERIOR PARTITION (NOT USED)

W3a INTERIOR PARTITION (1-SIDE ONLY)

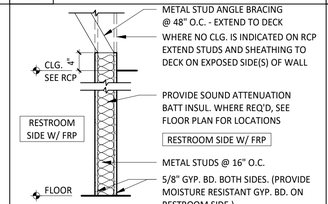


W3ax INTERIOR PARTITION (SUBSTRATE ONLY)



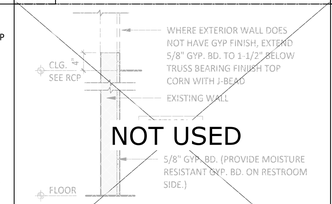
W4 INTERIOR PARTITION (NOT USED)

W4a INTERIOR PARTITION (1-SIDE ONLY)

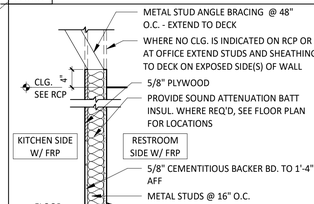


W5 INTERIOR PARTITION

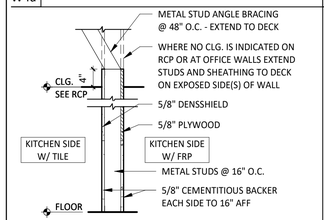
W5a INTERIOR PARTITION (1-SIDE ONLY)



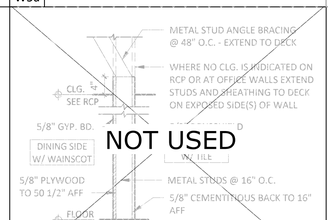
W5ax INTERIOR PARTITION (SUBSTRATE ONLY)



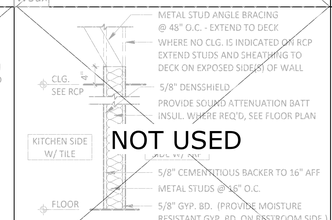
W6 INTERIOR PARTITION



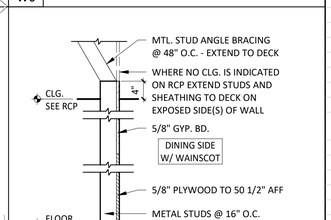
W7 INTERIOR PARTITION



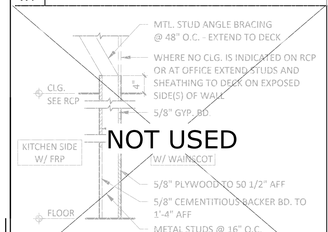
W8 INTERIOR PARTITION



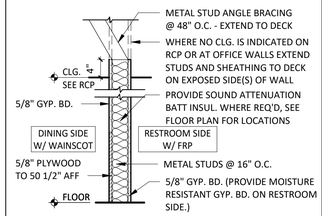
W9 INTERIOR PARTITION



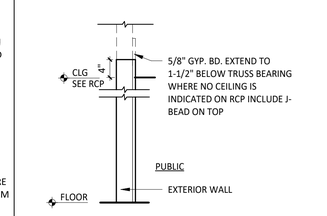
W10a INTERIOR PARTITION



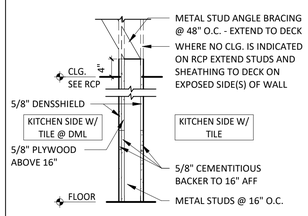
W11 INTERIOR PARTITION



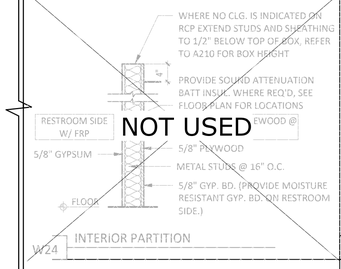
W14 INTERIOR PARTITION



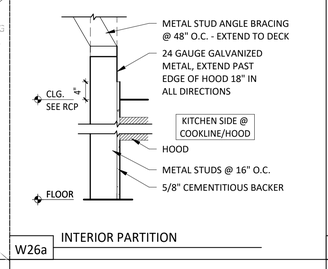
W15ax INTERIOR PARTITION



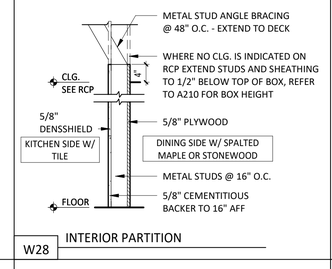
W23 INTERIOR PARTITION



W24 INTERIOR PARTITION



W26a INTERIOR PARTITION



W28 INTERIOR PARTITION

GENERAL NOTES - WALL TYPES

A. REFER TO FINISH SCHEDULE AND CERAMIC TILE WALL FINISHES KEY PLAN ON SHEET A120 FOR WALL FINISHES, REFER TO FLOOR PLAN ON A110 FOR METAL STUD SIZE.

B. G.C. SHALL PROVIDE SOLID BLOCKING IN WALLS AS REQUIRED OR AS NEEDED.

C. STUDS ARE 3 5/8" METAL STUDS UNLESS OTHERWISE NOTED ON PLAN.

STUD SCHEDULE & NOTES

1. ALL HEIGHTS REFER TO UN-BRACED HEIGHTS.
2. ALL HEIGHTS BASED ON 16" O.C. SPACING.
3. BOTTOM TRACK TO BE SAME GAUGE AS STUD.
4. TOP TRACK TO BE ONE GAUGE HIGHER.

SIZE/TYPE	W/O HUNG SHELVING	W/ HUNG SHELVING
362S125-18	UP TO 12'-0"	
362S137-33	UP TO 16'-0"	UP TO 12'-0"
600S137-33	UP TO 22'-0"	UP TO 16'-0"
600S162-43	UP TO 26'-0"	UP TO 22'-0"

PARTITION NOTES

1. ALL METAL STUDS TO CONFORM TO LOCAL BUILDING CODES.
2. ALL STUD WALLS AND PARTITIONS REQUIRE GYP. BOARD ON BOTH SIDES FOR THE FULL HEIGHT OF THE STUDS UNLESS SPECIFICALLY DETAILED OTHERWISE.
3. ALL SUSPENDED WALLS SHALL HAVE GYP. BOARD WHICH EXTENDS 4" ABOVE THE SUSPENDED CEILING UNLESS SHOWN AND/OR NOTED OTHERWISE BY THE ARCHITECT.
4. FIRE RETARDANT PLYWOOD MAY SUBSTITUTE FOR GYP. BOARD WHERE SO DIRECTED BY THE ARCHITECT.
5. ALL STUD WALLS AND PARTITIONS SHALL HAVE CONTINUOUS LINES OF BRIDGING SPACED AT 4'-0" MAXIMUM ON CENTER. THE BRIDGING SHALL BE SECURELY FASTENED TO THE STUDS WITH EITHER SCREWS OR WELDS. REFER TO DETAILS THIS SHEET.
6. ALL STUDS SHALL BE "CEE" STUDS WITH FLANGE STIFFENERS.
7. THE MATERIALS AND DETAILS SHOWN ARE FOR TYPICAL INSTALLATIONS. WHERE THE STUD MANUFACTURER'S RECOMMENDATIONS OR LOCAL ORDINANCES ARE MORE RESTRICTIVE, THEY SHALL APPLY.
8. TYPICAL FASTENER:

A: STEEL STUDS TO STEEL STUDS OR TRACKS:
20 GAUGE - #8 - 18 X 1/2" TEKS WITH PHILIPS PAN HEAD - MIN. 2 PER CONNECTION
18/16 GAUGE - #10 - 16 X 3/4" TEKS WITH PHILIPS PAN HEAD - MIN. 3 PER CONNECTION

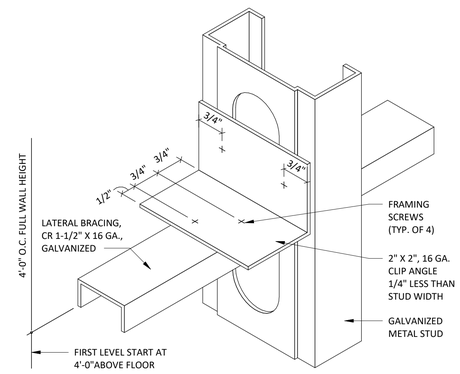
B: STEEL STUDS OR TRACKS TO WOOD PURLINS, GIRDERS AND BEAMS:
#14 - 10 X 1-1/2" H.W.H. TYPE "S" METAL-TO-WOOD TEKS AT 12" O.C., 2" FROM EACH END

C: STEEL STUDS OR TRACKS TO STRUCTURAL STEEL (TUBE/WIDE FLANGE COL'S, BM'S, GIRDER'S, ETC.)
0.145" DIA. HILTI X-EDNI FASTENERS, 5/8" MIN, LENGTH AND MIN. OF 2 PER CONNECTION, OR 2 ROWS AT 16" O.C. FOR CONTINUOUS APPLICATIONS SUCH AS TRACKS, U.N.O.

D: PLYWOOD TO STEEL STUDS:
#10 - 24 X 1-1/4" TEKS/3 (PLYMETALTEKS) WITH THIN WAFER HEAD - 24" O.C. FILED, 12" O.C. PERIMETER

E: GYPSUM BOARD TO STEEL STUDS:
#7 X 1-1/4" HI-LOW TYPE "S" BUGLE HEAD SCREWS FOR 3/8" TO 5/8" GYPSUM BOARD TO 25 GAUGE OR 20 GAUGE STUDS
#6 X 1-1/4" TYPE S-12 BUGLE HEAD SCREWS FOR 3/8" TO 5/8" TO 18 GAUGE OR 16 GAUGE STUDS OR TRACKS
FIELD - 12" O.C. CEILINGS, 24" O.C. WALLS
BUTT JOINTS 12" O.C.

F: STEEL STUDS OR TRACKS TO CONCRETE:
0.145" DIA. HILTI X-DNI FASTENER, 1" MIN. LENGTH, 2 ROWS AT 16" O.C.



3 LATERAL BRACING DETAIL @ PARTITION

SCALE:NOT TO SCALE

WILKUS ARCHITECTS

CLIENT:
CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2023
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 5081
"146th & HAZEL DELL PARKWAY"
TBD 146th & HAZEL DELL PARKWAY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO. 2023-0238
DRAWN BY RDB, THV
CHECKED BY

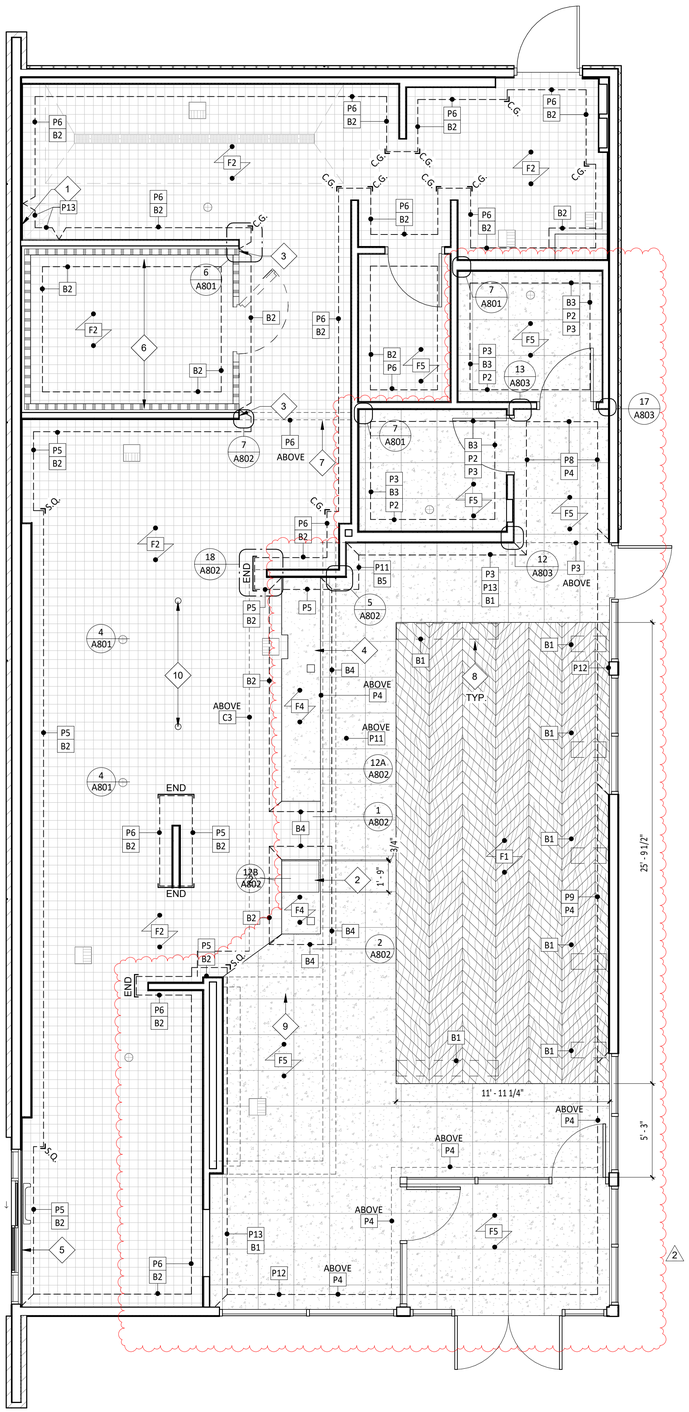
ISSUE RECORD:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

REVISIONS:

TITLE:
ARCHITECTURAL WALL TYPES

SHEET NUMNBER:
A111



1 FINISH PLAN
SCALE: 1/4" = 1'-0"

N

FINISH LEGEND

LGD. #	FLOOR FINISHES
F1	DALTILE VICINITY, HONEY VC03 GROUT: CBP 105 EARTH PATTERN: HERRINGBONE
F2	QUARRY TILE
F3	EXISTING EXTERIOR CONCRETE
F4	SEALED CONCRETE
F5	DALTILE MUSEO, 24x24 TILE NATURAL GRAY MU32 GROUT: MAPEI 5009 GRAY PATTERN: STACKED

LGD. #	DOOR FINISHES
D1	PAINT "BLACK"
D2	PAINT "KNIGHTS ARMOR"

LGD. #	WALL BASE FINISHES
B1	BLACK RUBBER, COVELESS
B2	QUARRY TILE, COVE
B3	BLACK RUBBER, COVE
B4	QUARRY TILE, COVELESS
B5	CERAMIC TILE W/ COVE
B6	PORCELAIN TILE, COVE

LGD. #	WALL BASE FINISHES
P1	PLYWOOD, VERTICAL GRAIN
P2	FIBERGLASS REINFORCED PANELS TO 4'-0" AFF (SMOOTH)
P3	GYP BD; PAINT DINING: PPG 1010-1 "PEGASUS", EGGSHELL RR: PPG 1001-3 "THIN ICE", EGGSHELL
P4	GYP BD; MEODED VEGA PLASTER TO 10' AF
P5	CERAMIC TILE - WHITE
P6	FIBERGLASS REINFORCED PANELS (PEBBLED FINISH)
P7	CERAMIC TILE; DALTILE, COLOR WHEEL 4X16, MATTE GRAY X714
P8	PORCELAIN TILE TO FLOOR - SPEC BY COE
P9	NOT USED
P10	EXISTING STOREFRONT
P11	BRAKE METAL; BLACK
P12	EXISTING PREFINISHED BRAKE METAL
P13	PORCELAIN LF TILE; DALTILE, PANORAMIC 63X126 BRASS MATTE (CM86) GROUT: CBP 542 GRAYSTONE

LGD. #	CEILING/DECK FINISHES
C1	OPEN TO STRUCTURE, UNPAINTED
C2	BRAKE METAL
C3	GYP BD; PAINT "MOONLIT SNOW"
C4	GYP BD; PAINT "PEGASUS"
C5	MILLWORK CEILING PANELS

GENERAL NOTES - FINISH PLAN

A. STONEWOOD WALL PANELS AND WAINSCOTS PROVIDED BY TMS, INSTALLED BY GC.
B. SPALTED MAPLE PANELS PROVIDED BY TMS, INSTALLED BY GC.
C. GC IS RESPONSIBLE FOR SEQUENCING OF PREWIRING WITH COMPLETION OF INTERIOR FINISHES (GYP. BD. FINISHES).
D. PROVIDE WATER PROOFING MEMBRANE, REFER TO A802 DETAILS. PROVIDE ON INTERIOR OF ALL RESTROOM WALLS, REFER TO A801 DETAILS

FINISH PLAN SYMBOL LEGEND

S.O. = PROVIDE A SCHLUTER QUADEC METAL CORNER AT ALL TILED CORNERS - REFER TO A802 FOR ADDITIONAL INFORMATION

C.G. = PROVIDE 1 1/2" X 1 1/2" STAINLESS STEEL CORNER GUARD UP TO 5'-0" A.F.F. - 1 1/2" X 1 1/2" FRP CORNER GUARD FROM TOP TO CEILING- REFER TO A802 FOR ADDITIONAL INFORMATION

END = PROVIDE END GUARD - REFER TO A802 FOR ADDITIONAL INFORMATION

KEYNOTE LEGEND

1	PROVIDE STAINLESS STEEL ON WALL TO 24" ABOVE TOP OF MOP SINK - FLASH BOTTOM EDGE OVER MOP SINK RIM - BEND STAINLESS STEEL AT INSIDE CORNER SO THERE IS NO JOINT - REFER TO A801 FOR ADDITIONAL INFORMATION.
2	PROVIDE QUARRY TILE ON TOP OF CURB FOR SMART SAFE - PROVIDE BULLNOSE TILE TO LAP OVER TOP CUT EDGE OF BASE TILE - REFER TO A802 FOR ADDITIONAL INFORMATION - GENERAL CONTRACTOR TO COORDINATE EXTENT OF QUARRY TILE WITH KES PRIOR TO INSTALLATION
3	FRP ENCLOSURE PANEL AT COOLER GAP - REFER TO A801 FOR ADDITIONAL INFORMATION.
4	CONCRETE CURB FOR EQUIPMENT WITH QUARRY TILE BASE AT ALL EXPOSED EDGES.
5	ALUMINUM PLATE BELOW DRIVE-THRU WINDOW - REFER TO A802 FOR ADDITIONAL INFORMATION.
6	COOLER WALL PANELS AS PROVIDED BY THE COOLER MANUFACTURER HAVE A 26-GUAGE COATED AND EMBOSSED STEEL FINISH.
7	PROVIDE TOP CORNER AT TRANSITION FROM GYPSUM BOARD CEILING TO FRP WALL REFER TO A210.
8	GENERAL CONTRACTOR TO APPLY BLACK RUBBER BASE ON ALL SIDES OF MILLWORK BOOTH BY TMS.
9	TRANSITION STRIP TO ALIGN WITH ADJACENT WALL.
10	4" PVC PIPE WITH 2" HIGH CONCRETE INFILL FOR POWER STUBS - TYPICAL OF TWO (2) - REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

WILKUS ARCHITECTS

CLIENT:
CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2023
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 5081
"146th & HAZEL DELL PARKWAY"
TBD 146th & HAZEL DELL PARKWAY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO. 2023-0238
DRAWN BY RDB, THV
CHECKED BY

ISSUE RECORD:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

REVISIONS:

2	06.12.2024	Revision 2

TITLE:
FINISH PLAN

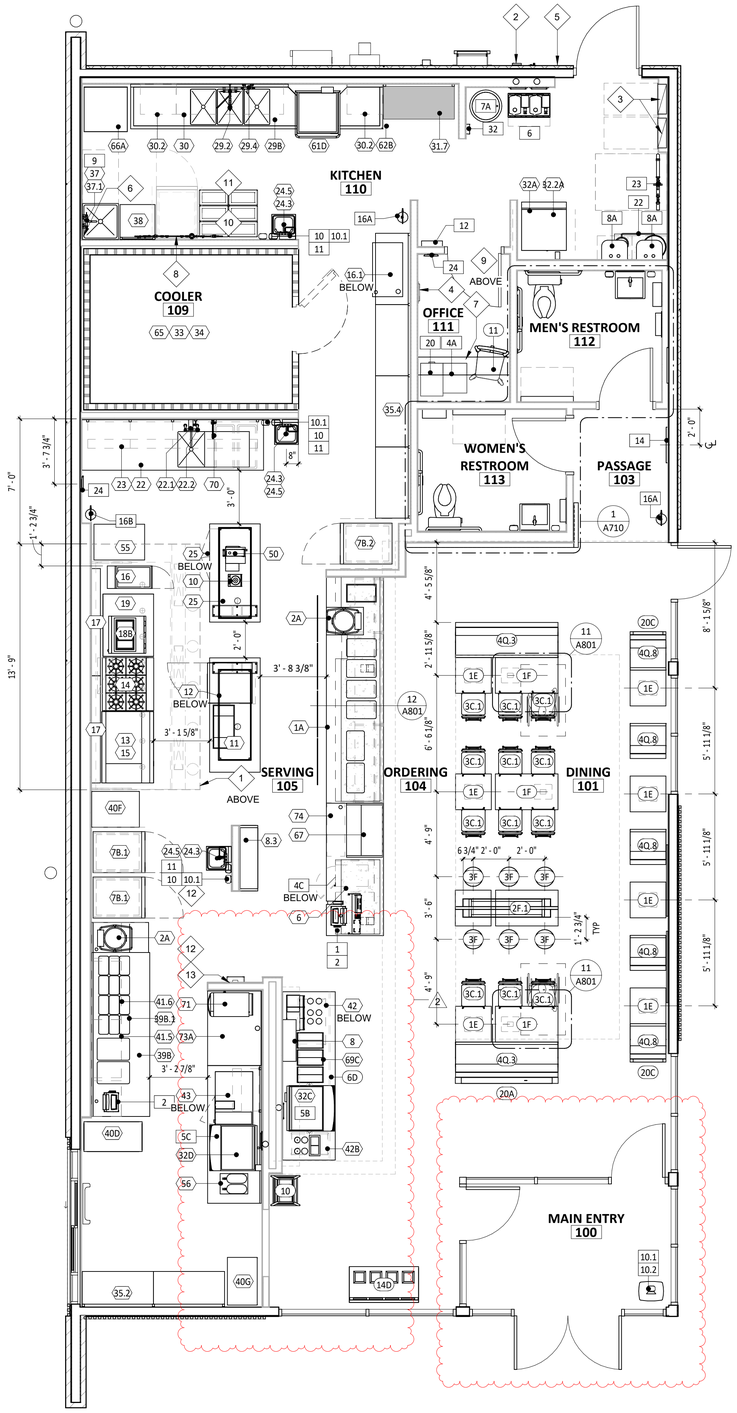
SHEET NUMNBER:
A120

GENERAL NOTES - FF& E

A.	REFER TO SHEET A131 FOR EQUIPMENT LIST AND FURNITURE SCHEDULE.
B.	ALL DIMENSIONS TO EXTERIOR OR EXISTING WALLS ARE TO THE FINISH FACE OF THE EXISTING GYP. BD.
C.	ALL DIMENSIONS ARE TO FACE OF FRAMING, EDGE OF EQUIPMENT, OR CENTERLINE OF EQUIPMENT UNLESS NOTED OTHERWISE.
D.	ALL FURNITURE TO BE SQUARE/PARALLEL TO TENANT SPACE/WALLS AS SHOWN ON PLANS.

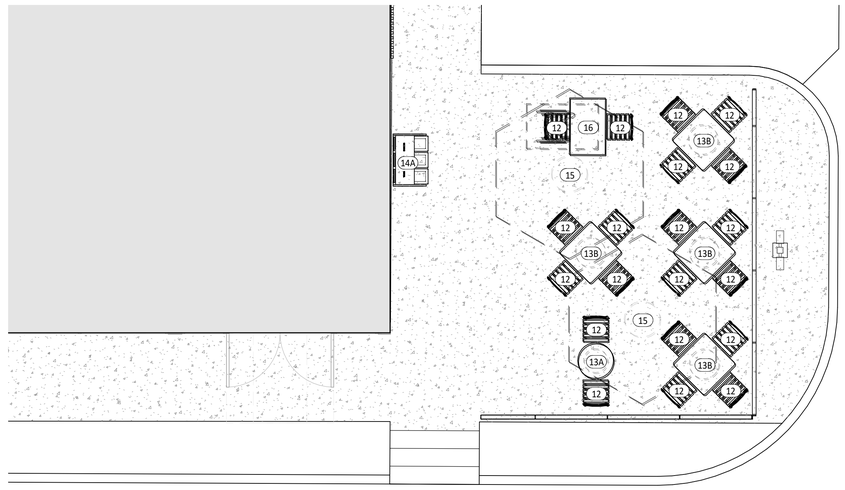
KEYNOTE LEGEND ◇

1	DASHED LINE INDICATES LOCATION OF HOOD ABOVE.
2	C02 REMOTE FILLER, VERIFY FINAL LOCATION WITH CHIPOTLE'S CONSTRUCTION MANAGER.
3	ELECTRICAL PANEL LOCATION, REFER TO ELECTRICAL DRAWINGS FOR DETAILS.
4	BYPASS DISTRIBUTION PANEL, REFER TO PLUMBING DRAWINGS FOR DETAILS.
5	HOSE BIBB, REFER TO PLUMBING DRAWINGS FOR DETAILS.
6	CHEMICAL CLEANING DISPENSING SYSTEM WITH INTEGRAL AIR GAP, REFER TO PLUMBING DRAWINGS FOR DETAILS.
7	OFFICE DESK AND SHELVING, REFER TO A702 AND ELECTRICAL DRAWINGS FOR DETAILS.
8	WATER FILTER ABOVE, REFER TO PLUMBING DRAWINGS FOR DETIALS.
9	TELEPHONE BOARD ABOVE, REFER TO ELECTRICAL DRAWINGS FOR DETAILS.
10	MOVEABLE LINEN BINS WITH LID, TYP. OF (4).
11	MOVEABLE BACK-UP TRASH BINS FOR DINING AREA TRASH SURROUNDS, TYP. OF (2).
12	ANSUL PULL TO BE LOCATED 48" A.F.F. TO THE CENTER OF UNIT ABOVE THE TIMECLOCK LOCATION.
13	KRONOS TIMECLOCK WILL BE LOCATED 44" A.F.F. TO THE TOP OF UNIT - CENTER UNIT IN WALL, REFER TO ELECTRICAL DRAWINGS FOR DETAILS.



1 FURNITURE, FIXTURE, & EQUIPMENT PLAN

SCALE: 1/4" = 1'-0"



2 FURNITURE, FIXTURE & EQUIPMENT PATIO PLAN

SCALE: 1/4" = 1'-0"

WILKUS ARCHITECTS

CLIENT:

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2023
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 5081
"146th & HAZEL DELL PARKWAY"
TBD 146th & HAZEL DELL PARKWAY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO. 2023-0238
DRAWN BY RDB, THV
CHECKED BY

ISSUE RECORD:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

REVISIONS:

2 06.12.2024	Revision 2

TITLE:

FF&E PLAN

SHEET NUMNBER:

A130

KITCHEN EQUIPMENT LIST

TAG	DESCRIPTION	MANUFACTURER	MODEL NO.	QTY	FURNISHED BY	INSTALLED BY	UTILITY				REMARKS
							ELEC	GAS	WATER	SEWER	
1.1	Sneeze Guard Serve Line 12 Pan (Right)	BSI	Custom-R	1	TMS	TMS/GC					
1A	M4.0 - Front Serve Line - 12 Pan - RTD - POS Right	Delfield	12 Pan Serve Line POS RTD_241x38.5in (Right)	1	KES	KES; GC	●			●	Installed On Concrete Curb
2A	Tortilla Warmer	Caliente Industries	A2	2	KES	KES	●				GC To Store In Walk-In Cooler Until Final Installation
6	Cup Dispenser	Dispense-Rite	CHIP-ECL-3B	1	KES	KES; GC					Installed At POS Counter
7B.1	Upright Beverage Cooler, Single Door, Hinge Left	Varies	Varies - Solid Door	2	KES	KES	●				
7B.2	Upright Beverage Cooler, Single Door, Hinge Right	Varies	Varies - Solid Door	2	KES	KES	●				
8.3	M4.5 Chip Shelf	Trimark	Custom	1	KES	KES					
10	Blender	Vitamix	748	1	T	T	●				GC To Store In Walk-In Cooler Until Final Installation
11	Carving Station - 77x34in - Horizontal Well - Right	Delfield	77x34in Carving Station-RT	1	KES	KES	●				
12	Undercounter Refrigerator	Hoshizaki	CRMR27-LP	1	KES	KES	●				
13	Grill 48in - Natural Gas - Divider Left	Woodstone	WS-PL-48-36-4-CT-Left	1	KES	KES	●	●			
13.1	Woodstone Grease Splash Guard	Nationwide Fab; Marlo Mfg	CHP-GCG-GSG	1	KES	KES					Verify If Required
14	Range 6 Burner - Natural Gas	Garland	U36-6S	1	KES	KES		●			
15	Woodstone Grill Stand 48x31in - Divider Left	Woodstone	000-PL-STAND-CASTER	1	KES	KES					
16	Fryer - Gas - Standard Efficiency	Varies	Varies	1	KES	KES	●	●			Mounted On Legs, G.C. To Pin Front Legs To Floor
16.1	Grease Caddy	Varies	Chipotle Grease Caddy - RH	1	KES	KES					
17	Cook Line Stand Off - 72x6	Nationwide Fab; Marlo Mfg	CHP-6WS-6	2	KES	KES					Mount Top of Flat Surface at 33" AFF, Install Screws at Each Stud Location, Provide Blocking To Mount To Wall
18B	Gas Rice Cooker	Woodstone	WS-GRC-60	1	KES	GC	●	●			Final Connection by GC. RE:Mechanical Drawings
19	Rice Cooker Stand - Left	Nationwide Fab; Marlo Mfg	CHP-RCS-42ES-34	1	KES	KES					
22	Prep Sink - Corner - Left	Trimark	S1-122x34-US-FF-L	1	KES	GC				●	
22.1	Prep Sink Faucet Big Flow Faucet	T&S	B-0293-01	1	KES	GC			●		
22.2	Prep Sink Vegetable Wash Faucet	T&S	B-0730	1	KES	GC			●		GC To Provide Connection For Chemical Dispensing Equipment
22.3	Prep Sink Drain Assembly	T&S	B-3950	1	KES	KES; GC				●	
23	4 Shelves - 120in Prep Sink	Amco	CHPPS120	1	KES	KES					Mount Bottom Of Standard At 50" AFF. Provide Plywood Blocking To Mount To Wall.
23A	2 Shelves - 30in	Amco	Custom	1	KES	KES					Mount Bottom Of Standard At 50" AFF. Provide Plywood Blocking To Mount To Wall.
24.3	Hand Sink Wall Mounted - Splash Both	Universal Stainless	EHS-1RL-NF	3	KES	GC				●	Provide Plywood Blocking To Mount To Wall
24.5	Kitchen Hand Sink Faucet Splash Mount	T&S	B-1146-04-CR-VF10	3	KES	GC			●		Provided with B-0199-06-F10, 1.0 GPM Aerator
25	Rice Prep Table Island 66x34	Nationwide Fabrication; Marlo Mfg	Custom Table 66x34in	1	KES	KES					
26	Hot Holding Cabinet - Double Door (Rice)	Food Warming Equipment (FWE)	HLC-1220-8-8-CHP	1	KES	KES	●				
29.2	Dish Sink Add-A-Faucet w/ Pre-Rinse	T&S	B-1033-12CRBJSK Substitute Sprayer B-0107-J-SWV	1	KES	GC			●		
29.3	Dish Sink Drain Assembly	T&S	B-3950	3	KES	KES; GC				●	
29.4	Dish Sink Chemical Faucet	T&S	B-2345-01-XX	1	KES	GC			●		GC To Provide Connection For Chemical Dispensing Equipment
29B	3 Comp Sink - 18x24in Bowls - 111 3/4in	Nationwide Fabrication; Marlo Mfg	S3-30x111.75x36.5-FF	1	KES	GC				●	
30	Shelving System - 3 Comp Sink	Amco	WST1879S	1	KES	KES					Mount bottom of Standard At 56"AFF. Provide Plywood Blocking
30.2	Shelving System - Dish Table	Amco	WST1879S	2	KES	KES					Mount bottom of Standard At 56"AFF. Provide Plywood Blocking. Mount Tight To Dish Machine
31.7	Drying Racks 23x48x85in - With Vented Aluminum Covers	Varies	Custom	1	KES	KES					Mount Bottom Of Standard At 12" AFF. Provide Plywood Blocking To Mount To Wall
32.1A	Ice Maker - Remote Condenser	Hoshizaki	URC-5F	1	KES	KES	●				Condensing Units To Be Secured To The Roof Per Code By GC
32.1B	Ice Maker - Remote Condenser	Hoshizaki	URC-9F	1	KES	KES	●				Condensing Units To Be Secured To The Roof Per Code By GC
32.2A	Ice Maker - Storage Bin	Hoshizaki	B500SF	1	KES	KES				●	
32.3	Icemaker- Filter	Varies	Varies	3	KES	KES			●		
32.4	Ice Maker - Scale Inhibitor	Varies	Varies	3	KES	KES			●		
32A	Ice Maker For B.O.H. Ice Bin (Shorter)	Hoshizaki	KML-700MRJ	1	KES	KES	●		●		Drain Ice Maker to Floor Sink, RE: Mech. Refrigeration By Tenant.
32C	Ice Maker Mounted On Soda Machine - Air Cooled	Hoshisaki	KMD-530MAJ	1	KES	KES	●		●	●	Drain Ice Maker to Floor Sink, RE: Mech. Refrigeration By Tenant.
32D	Ice Maker Mounted On Soda Machine - Remote Air Cooled	Hoshisaki	KMD-530MRJ	1	KES	KES	●		●	●	Drain Ice Maker to Floor Sink, RE: Mech. Refrigeration By Tenant.
33	Walk In Cooler 9x12x9 -6ft 3in - Standard	Manitowoc	KAMC46-141-1EC-PCL-4	1	WCS	GC	●			●	Refer To Plumbing and Mechanical Drawings; Refrigeration By Tenant; Remote Exterior Compressor Unit To Be Secured To Roof Per Code By GC
34	Walk-In Cooler Shelving System - 9x12x10	Cambro (Camshelving)	CHP912ER	1	KES	KES					
35.2	Dry Storage Racks 23x96x85in	Varies	Custom	1	KES	KES					Mount Bottom Of Standard At 12" AFF. Provide Plywood Blocking To Mount To Wall.
35.4	Dry Storage Racks 23x192x85in	Varies	Custom	1	KES	KES					Mount Bottom Of Standard At 12" AFF. Provide Plywood Blocking To Mount To Wall.
37	Mop Sink Faucet	T&S	B-0660-BSTR	1	KES	GC			●		
37.1	Mop Sink Chemical Faucet	T&S	B-2345-01-XX	1	KES	GC			●		GC To Provide Connection For Chemical Dispensing Equipment
38	6 Shelves - Chemical Storage Rack	Varies	Custom	1	KES	KES					Mount Bottom Of Standard At 12" AFF. Provide Plywood Blocking To Mount To Wall.
39B	DML 2.0 130in – Right – W/POS & Cash Drawer	Franke/Delfield	DML 2.0_RT-130x39	1	KES	KES	●			●	
39B.1	DML 2.0 Wall Trim Package	Franke/Delfield	DML 2.0 Trim Kit	1	KES	KES					
40D	Holding Shelf	Trimark	TGS-39X20X80-B	1	KES	KES	●				
40F	M4.5 - Filler Stand At Range	Select Stainless	24x32x36	1	KES	KES					
40G	NG TEST - Filler Stand At MOPUS	Select Stainless	20x32x36	1	KES	KES					
41.5	DML 2.0 Shelving - 130in - Top Shelf	Franke/Delfield	CH000A32	1	KES	KES					Mount Bottom Of Shelf At 74 1/2" AFF. Provide Plywood Blocking To Mount To Wall.
41.6	DML 2.0 Shelving - 130in - Bottom Shelf	Franke/Delfield	CH000A34	1	KES	KES					Mount Bottom Of Lowest Portion Of Shelf At 54 1/2" AFF. Provide Plywood Blocking To Mount To Wall.
42	Shelving System Under Counter Beverage Station	ISS	WST1810CLR	1	KES	KES					Mounted on (4) casters, All casters to be swivel type, Front (2) casters to have brake, Located under utensil counter
42B	Shelving System Under Counter Beverage Station - 14x24x21in Mobile	ISS	WST1810CLR	1	KES	KES					Mounted on (4) casters, All casters to be swivel type, Front (2) casters to have brake, Located under utensil counter
43	Beverage Cooler Backbar 36in	Glasstender	LP36X-SS(X)	1	KES	KES	●				
50	Food Processor	Sammic	CA-31	1	KES	KES					
55	Filler Table - 24x34in	Trimark	TS-24x34x36-US-C	1	KES	KES					
56	Beverage Table - Chipotlane	Trimark	TS-36x92.5x36	1	KES	GC	●			●	
61D	Dish Machine (w/Pump & Ventless)	Hobart	AM16VLSCB (w/Ventless Kit)	1	KES	KES	●		●	●	
62B	Dish Table 30x30	Babington Technology	CDT-30X30X36.5-B-L	1	KES	GC					
65	Utility Cart (Not Shown)	Select Stainless	30SU-22-14-C4-TUBS-CUSTOM	1	KES	GC					Provided As Part Of The WIC Shelving
66A	Drop-Off Table - 29x30in	Trimark	TS-29x30x31-US-C	1	KES	KES					
67	Refrigerated Counter Case, Self-Serve	Structural Concepts	CO3324R-UC	1	KES	KES					
69C	M4.0 - Simplicity Bubbler Mini-Twin	Crathco	CS-2E-16	3	KES	GC	●				
70	Speed Fill Faucet	T&S	B-0432 MOD	1	KES	GC		●			
71	Quesadilla Press	Turbochef	Sota Touch	1	KES	KES	●				
73A	50" TurboChef Table	Trimark	50X36X36	1	KES	KES					
74	Shelving - Under Counter - 12x36x29in	Metro	Custom	1	KES	KES					
76	HAB TEST - Hanging Shelf	Trimark	Custom	2	KES	GC	●				Coordinate attachment to structure with ductwork layout. Coordinate power for task lighting.

MISC. EQUIPMENT LIST

TAG	DESCRIPTION	QTY	FURNISHED BY	INSTALLED BY	UTILITY				REMARKS
					ELEC	GAS	WATER	SEWER	
1	Point of Sale Display	1	TMS	GC					Installed at POS Station
2	Point-Of-Sale System	2	T	TCC					Coordinate Requirements With Tenant and Elec. Drawings
4A	B-Rate (Standard Safe)	1	TS	GC					Install in Office, Bolt to Office Floor Slab
4C	Smart Safe	1	TSS	TSS	●				To Be Installed On Curb Under Serveline, Bolt to Curb Under Serveline POS
5B	Soda Dispenser - With Air-Cooled Ice Maker	1	SPS	SPS	●			●	Drain to Floor Sink, Tenant Millwork Supplier to Provide (2) Adjustable Legs to Support Dispenser From Under The Utensil Counter
5C	Soda Dispenser - With Remote Air-Cooled Ice Maker	1	SPS	SPS	●			●	Drain to Floor Sink, Tenant Millwork Supplier to Provide (2) Adjustable Legs to Support Dispenser From Under The Utensil Counter
6	Soda System Syrup Rack with Carbonator on Stainless Steel Shelf	1	SPS	SPS	●		●		
7A	Bulk CO2 Tank	1	CO2	CO2	●				GC To Secure Cylinders To Wall With Grade 30 Galvanized Steel Chain At 2/3 The Height Of The Cylinder. Attach To Wall With Stainless Steel Quick Link And Screw Eye.
8A	Gas Tankless Water Heater	2	GC	GC		●	●	●	Refer to MEP Drawings
9	Mop Sink, See Plumbing Drawings	1	GC	GC			●	●	See Plumbing Drawings
10	Touch-Free Soap Dispenser	3	WA	GC					
10.1	Hand Sanitizer Dispenser	4	WA	GC					
10.2	Hand Sanitizer Stand	1	WA	GC					
11	Paper Towel Dispenser, Bobrick B262	3	WA	GC					Provide Plywood Blocking to Mount to Wall
12	First Aid Kit	1	T	GC					Confirm Location With Chipotle CM Prior To Installation
14	License Frame	3	T	GC					Provide Plywood Backing In Wall At License Frame Location, Refer To Arch. Floor Plans And Elevations For License Frame Location.
16A	Fire Extinguisher Type ABC - B456	2	GC	GC					Mount in locations specified by the Fire Marshal. Provide plywood backing at specified locations.
16B	Fire Extinguisher Type K	1	GC	GC					Mount in locations specified by the Fire Marshal. Provide plywood backing at specified locations.
19	Hat & Coat Strips (Not Shown)	1	WA	GC					Provide Plywood Blocking to Mount to Wall
20	2-Drawer File Cabinet, By Tenant	1	T	T					By Tenant
22	Water Softener	1	KES	GC			●	●	See MEP Sheets For Details
23	Backflow Preventer	1	GC	GC			●	●	See MEP Sheets for Details
24	iPAD Wall Station	3	T	GC	●				Tablet By Tenant, Refer to Electrical Drawings
28	Mop Strip (Not Shown)	1	T	GC					Provide Plywood Backing To Mount To Wall, 2 Hole At Mop Basin and 6 Hole In Kitchen
31A	21inx31in Menu System	1	TMB	GC					
32	CO2 Alarm	1	CO2AS	GC	●				Refer to Electrical Drawings for Additional Details.
33A	M4.0 - Pick-Up Sign - Single Faced - Flush Mounted - Face	1	TSV	GC					

FURNITURE LIST

TAG	DESCRIPTION	QTY	FURNISHED BY	INSTALLED BY	UTILITY				REMARKS
					ELEC	GAS	WATER	SEWER	
1E	M4.0 - Table 24x24in - Rectangular Base	7	TMS	GC					
1F	M4.0 - Table 24x42in, Rectangular Base (Accessible)	3	TMS	GC					See Detail On A130
2F.1	NG TEST -Adobo (Red) - Bar Height Table 6-Top, With Footrest	1	TMS	GC					One Coat Hook Per Two Seats, Confirm Mounting Location With Shop Drawings
3C.1	M4.0 - Dining Room Chair	12	TMS	GC					
3F	HAB TEST - Bar Stool - Fixed - Jalapeno (Green)	6	TMS	GC					Align Seat With Seam Perpendicular To Table Edge
4Q,3	HAB TEST JALAPENO - Booth - Single - 68 3/4"	2	TMS	GC					
4Q,8	HAB TEST JALAPENO - Booth - Single - 24"	5	TMS	GC					
6D	HAB TEST - Beverage Counter - No Trash - 4" Splash - 113"	1	TMS	GC				●	Bins and Sign Hooks Provided by Tundra in Smallwares Package, Install Hooks on Back of Doors
10	Child's High Chair	1	T	GC					
11	Office Chair, By Tenant	1	T	T					By Tenant
12	Patio Chair - Bistro	20	KES	GC					Provided by EMU America, Contact: Carol Hughes (303-744-3200)
13A	24in Round Bistro Table	1	KES	GC					Provided By EMU America, Contact: Carol Hughes (303-744-3200)
13B	30in Square Bistro Table	4	KES	GC					Provided By EMU America, Contact: Carol Hughes (303-744-3200)
14A	3 Bin Trash/Recycling Surround - Exterior	1	TMS	GC					Bins Provided by Tundra in Smallwares Package
14D	M4.0 - 4 Bin Trash/Recycling Surround - Interior	1	TMS	GC					Bins Provided by Tundra in Smallwares Package
15	Patio Umbrella	2	KES	GC					
16	Accessible Patio Table	1	KES	GC					Provided By EMU America, Contact: Carol Hughes (303-744-3200)
20A	HAB TEST - Screen Wall w Pepper - Jalapeno (Green)	1	TMS	GC					
20C	HAB TEST - Screen Wall - Jalapeno (Green)	2	TMS	GC					
21	HAB TEST - Art Wall (Jalapeno)	1	TMS	GC	●				

WILKUS ARCHITECTS

CLIENT:

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2023
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 5081
"146th & HAZEL DELL PARKWAY"
TBD 146th & HAZEL DELL PARKWAY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO. 2023-0238
DRAWN BY RDB, THV
CHECKED BY

ISSUE RECORD:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

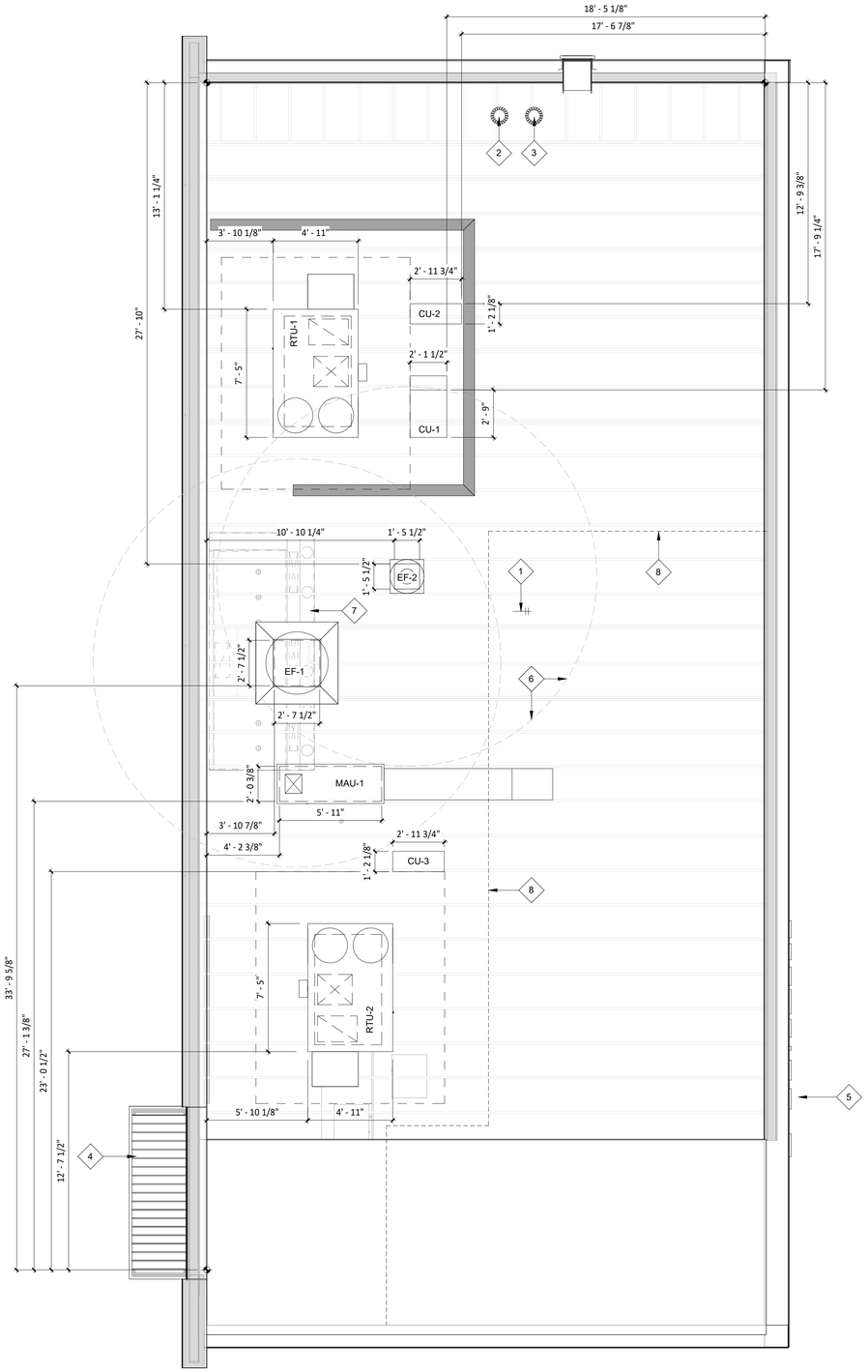
REVISIONS:

TITLE:

FF&E SCHEDULES

SHEET NUMNBER:

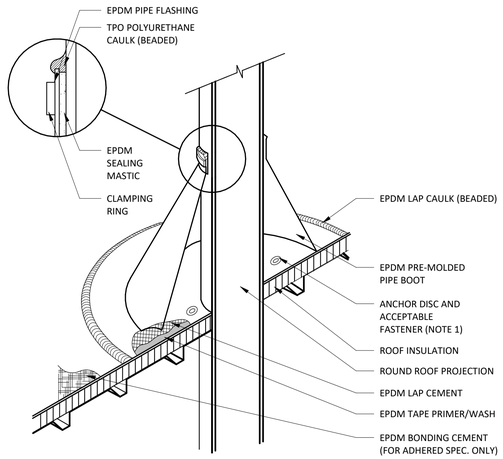
A131



1 ROOF PLAN
SCALE: 1/4" = 1'-0"

HVAC EQUIPMENT

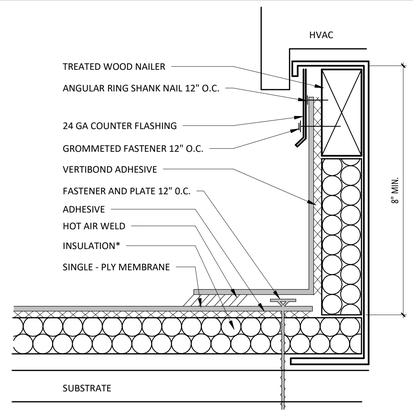
DESCRIPTION	FURNISHED BY	INSTALLED BY	UTILITY				REMARKS
			ELEC	GAS	WATER	SEWER	
Exhaust Fans & Curbs	HS	GC	●				Curb furnished by HS, installed by GC
Make Up Air Unit & Curbs	HS	GC	●	●	●	●	Curb furnished by HS, installed by GC
Roof Top Units & Curbs	HES	GC	●	●	●	●	Curb furnished by HS, installed by GC
Test & Balance System	TAB	-					Furnish HVAC Test & Balance per Tenant's National Account Program.



NOTE:

1. WITH MECHANICALLY FASTENED OR BALLASTED SPECIFICATIONS, MEMBRANE MUST BE MECHANICALLY ATTACHED WITH 2" (50 mm) ANCHOR DISC AND ACCEPTABLE FASTENERS (MINIMUM OF 4 PER PIPE).
2. DO NOT OVERLAP THE FLANGES FROM ADJACENT PIPE FLASHINGS.
3. ANY SEAM UNDER BOOT FLANGE TO BE TREATED AS T-JOINT.
4. BOTH SURFACES TO BE MATED MUST BE CLEANED WITH TAPE PRIMER/WASH. EPDM TAPE PRIMER/WASH MUST BE COMPLETELY DRY AND TACK FREE BEFORE APPLYING EPDM LAP CEMENT.

2 BOOT DETAIL
SCALE: 1/2" = 1'-0"



NOTES:

1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
2. DO NOT SCALE DRAWINGS.
3. USE PREFABRICATED OUTSIDE CORNERS.
4. INSULATION MUST BE SECURELY FASTENED.
5. *GLASS - FACED POLYISO INSULATION IS OPTIONAL AND MAY NOT BE REQUIRED ON EVERY PROJECT. IF INSULATION IS NOT REQUIRED, THE MEMBRANE MUST BE ADHERED TO AN APPROVED SURFACE.

3 CURB FLASHING
SCALE: 1/2" = 1'-0"

GENERAL NOTES - ROOF PLAN

A. SEE STRUCTURAL DRAWINGS FOR LOCATIONS AND SIZE OF STRUCTURAL ROOF REINFORCEMENTS.
B. SEE MECHANICAL PLANS FOR ROOF TOP EQUIPMENT.
C. COORDINATE ALL ROOF PENETRATIONS, FLASHING, AND REPAIR W/ CHIPOTLE CONSTRUCTION MANAGER PRIOR TO COMMENCEMENT OF WORK .
D. DIMENSIONS FOR ROOF TOP EQUIPMENT WITH CURBS IS TO THE OUTSIDE FACE OF CURB. DIMENSIONS FOR EQUIPMENT WITHOUT CURBS ARE TO THE CENTER OF THE UNIT. ALL DIMENSIONS ARE FOR REFERENCE ONLY. ROOFING CONTRACTOR TO ADJUST AS NECESSARY IN FIELD. CONTACT ENGINEERING CONSULTANTS FOR ANY MAJOR MODIFICATIONS TO LAYOUT.
E. JOISTS FOR SHELL BUILDING WERE DESIGNED FOR THE RTU WEIGHTS AND PLACEMENT EXHIBITED. IF LOCATION OR ORIENTATION OF A UNIT MUST CHANGE, NOTIFY ARCHITECT IMMEDIATELY.
F. SEE M700 FOR PENETRATION DETAILS AT RTUS AND THE EXHAUST FAN.
G. PROVIDE INSULATED CURBS FOR ALL EQUIPMENT IN EXPOSED DECK AREA ONLY.
H. PROVIDE TAPERED INSULATED CRICKET AT ALL EQUPMENT CURBS.
I. LOCATE ALL UNITS SO DUCT DROPS BETWEEN TRUSS JOISTS. NOTIFIY ARCHITECT IMMEDIATELY IF ANY UNITS NEED TO SHIFT FROM PLAN LOCATION SHOWN.
J. ALL UNUSED ROOFTOP EQUIPMENT TO BE REMOVED. PATCH ROOF AS NECESSARY.

KEYNOTE LEGEND

1	ROOF HYDRANT - REFER TO PLUMBING FOR ADDITIONAL INFORMATION.
2	PRIMARY ROOF DRAIN LOCATION - GENERAL CONTRACTOR IS RESPONSBLE OF SNAKE CLEANING PRIOR TO BUILDING TURNOVER.
3	OVERFLOW ROOF DRAIN LOCATION - GENERAL CONTRACTOR IS RESPONSBLE OF SNAKE CLEANING PRIOR TO BUILDING TURNOVER.
4	CANOPY BELOW - REFER TO EXTERIOR ELEVATIONS.
5	SIGNAGE BY TENANTS VENDOR - GENERAL CONTRACTOR TO PATCH AND REPAIR ADJACENT WALL AS REQUIRED FOR SIGN INSTALLATION - GENERAL CONTRACTOR TO COORDIANTE SIGNAGE PENETRATIONS WITH SIGNAGE VENDOR.
6	10'-0" RADIUS CLEARANCE FOR FRESH AIR INTAKES - REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
7	DASHED LINE INDICATES LOCATION OF HOOD SYSTEM BELOW.
8	HIDDEN LINE INDICATES SOFFIT LOCATION BELOW IN WHICH TERMINATES TO UNDERSIDE OF EXISTING DECK.

WILKUS ARCHITECTS

CLIENT:
CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2023
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 5081
"146th & HAZEL DELL PARKWAY"
TBD 146th & HAZEL DELL PARKWAY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO. 2023-0238
DRAWN BY RDB, THV
CHECKED BY

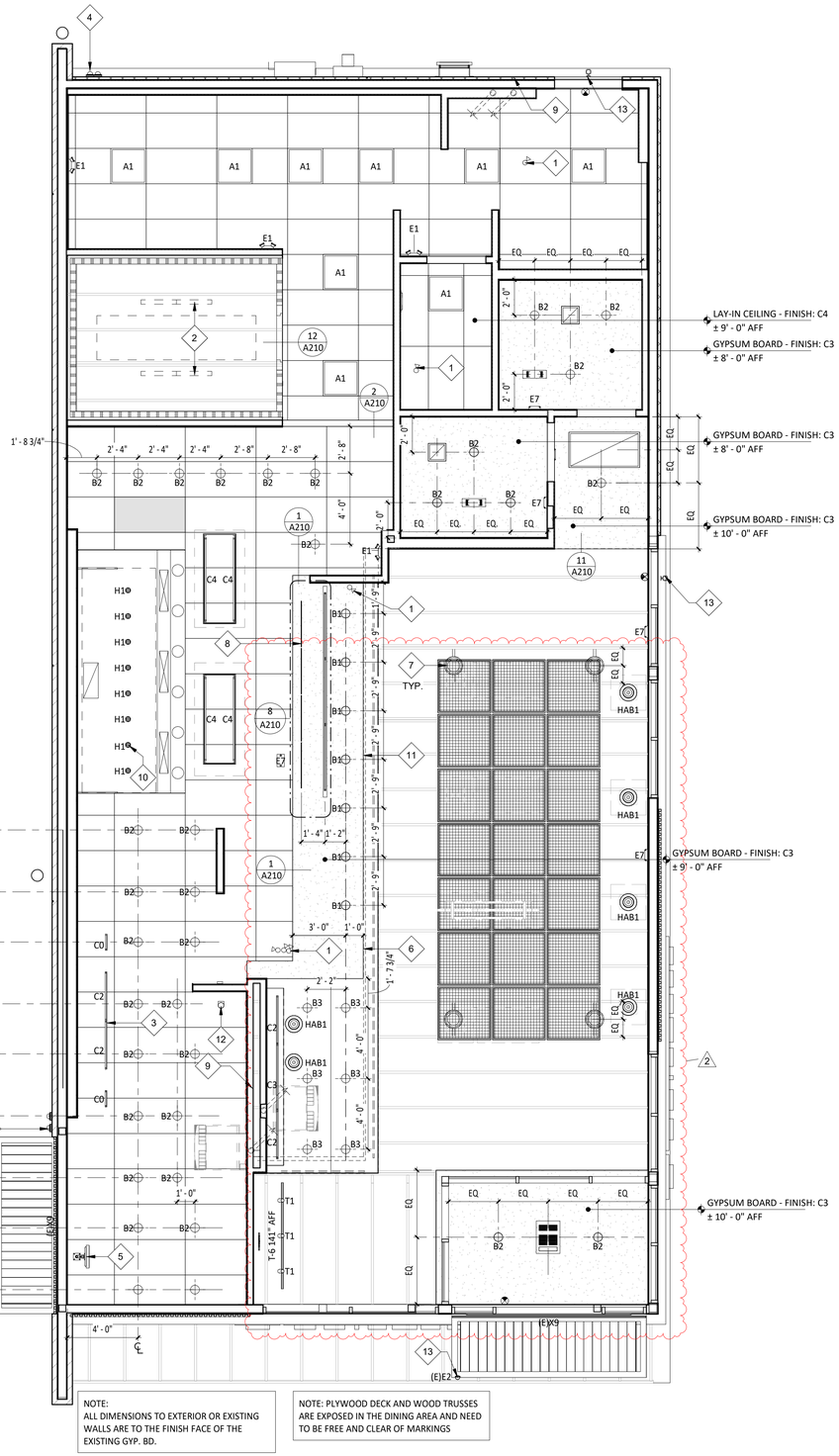
ISSUE RECORD:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

REVISIONS:

TITLE:
ARCHITECTURAL ROOF PLAN

SHEET NUMNBER:
A140



1 REFLECTED CEILING PLAN

SCALE: 1/4" = 1'-0"

N

LIGHTING FIXTURE SCHEDULE

ITEM #	MOUNT	DESCRIPTION	REMARKS
EXISTING			
(E)E2	VARIOUS	EMERGENCY LIGHT - SINGLE HEAD	SEE SHEET E100
(E)X9	SURFACE	LED CHANNEL LIGHT BY LANDLORD	SEE SHEET E100
NEW			
A1	LAY-IN	2x2 LED LENSED TROFFER	SEE SHEET E100
B1	CEILING	RECESSED 6IN CAN LIGHT	SEE SHEET E100
B2	CEILING	RECESSED 6IN CAN LIGHT	SEE SHEET E100
B3	CEILING	M4.0 - RECESSED 6IN CAN LIGHT (BLACK)	SEE SHEET E100
C0	SURFACE	LOW PROFILE LED 1FT	SEE SHEET E100
C2	SURFACE	LOW PROFILE LED 3FT	SEE SHEET E100
C3	SURFACE	LOW PROFILE LED 4FT	SEE SHEET E100
C4	SURFACE	LOW PROFILE LED 5FT	SEE SHEET E100
E1	VARIOUS	EMERGENCY LIGHT - DUAL HEAD	SEE SHEET E100
E7	VARIOUS	EMERGENCY LIGHT - DUAL HEAD	SEE SHEET E100
H1	SURFACE	VAPOR PROOF HOOD LIGHT	SEE SHEET E100
HAB1	CEILING	PENDANT LIGHT - CONCRETE (JALAPENO)	SEE SHEET E100
HAB3	SURFACE	LED TAPE LIGHT ARTWORK (JALAPENO) PACKAGE	SEE SHEET E100 & TMS SHOPS
HAB4	CEILING	SQUARE CEILING LIGHT	SEE SHEET E100 & TMS SHOPS
T1	TRACK	TRACK LIGHTING HEAD	SEE SHEET E100
T-6	SUSPENDED	M4.0 - TRACK 6'	SEE SHEET E100

GENERAL NOTES - RCP

A. ALL INTERIOR LIGHT FIXTURES AND LAMPS PROVIDED BY TENANT'S LIGHT/LAMP SUPPLIER.
B. ALL INTERIOR LIGHT FIXTURES AND LAMPS INSTALLED BY GC. CAREFULLY REVIEW LIGHTING FIXTURE SCHEDULE ON SHEET E100.
C. KITCHEN EXHAUST HOOD PROVIDED BY HS AND INSTALLED BY GC. GC TO COORDINATE PRESSURE TEST AND VIRO GUARD WITH ENVIROMATIC, INC.
D. ANSUL BOX & FIRE SUPPRESSION SYSTEM PROVIDED BY AND INSTALLED BY HS. HOOD INTERLOCK BY GC. ELECTRICAL CONNECTION BY GC, RE: ELEC.
E. MENU BOARD ASSEMBLY PROVIDED BY TMB, INSTALLED BY G.C.
F. PROVIDE BLOCKING ABOVE MENU BOARD ASSEMBLY FOR INSTALLATION.
G. REFER TO "09900 PAINTING - GENERAL" IN SPECIFICATIONS FOR FINISHES AT EXPOSED CEILING AREAS IN ADDITION TO NOTES LISTED ON THIS SHEET AND A120
H. UNISTRUT TO BE LEFT UNPAINTED. PROVIDE MATCHING CLOSER STRIPS AND END CAPS. CLOSER STRIP TO BE APPLIED TO THE UNDERSIDE OF THE UNISTRUT.
I. ALL HEIGHTS ARE TO BOTTOM OF FIXTURE UNLESS NOTED OTHERWISE.
J. LIGHT DETAILS ARE LOCATED ON SHEET A210. FIXTURE AND LAMP SPECIFICATIONS ARE LOCATED ON E100.
K. ALL UNISTRUT SUPPORTING CEILING ELEMENTS AND/ OR DUCT WORK SHALL NOT CONTAIN ANY ELECTRICAL CONDUIT. ALL ELECTRICAL CONDUIT MUST RUN IN SEPARATE UNISTRUT.
L. ALL UNISTRUT, CONDUIT, SPRINKLER & WATER LINES SHALL BE INSTALLED TO THE BOTTOM OF THE DECK OR AS SHOWN IN DETAILS & LEFT UNPAINTED.
M. ALL DIMENSIONS ARE TO FACE OF FRAMING, OR CENTERLINE OF FIXTURE UNLESS NOTED OTHERWISE.
N. SEE ELECTRICAL DRAWINGS FOR SHATTER RESISTANT LAMP LOCATIONS.
O. ALL EMERGENCY FIXTURES, LIGHTS AND STROBES SHALL BE ALIGNED OR CENTERED ON WALLS.
P. FULL CERAMIC TILE COURSING SHALL TAKE PRECEDENT OVER ANY CEILING/HEADER DIMENSION INDICATED IN THE PLAN, REFER TO A120.
Q. ALL CONDUIT AND PIPE PENETRATIONS OF THE SERVING LINE SOFFIT ARE TO BE HELD TIGHT TO THE DECK. PLEASE CONSULT WITH THE CHIPOTLE CM SHOULD ANY CONFLICTS ARISE.
R. BATT INSULATION TO BE INSTALLED ABOVE THE RESTROOM CEILING.
S. ALL LAY-IN CEILING PENETRATIONS TO BE HELD TIGHT TO WALLS. REFER TO DETAIL ON SHEET A210 AND PLUMBING DRAWINGS FOR DETAILS.
T. REFER TO STRUCTURAL DRAWINGS FOR HOOD SUSPENSION DETAILS.
U. ALL EXTERIOR BUILDING MOUNTED AND PATIO LIGHT FIXTURES AND LAMPS PROVIDED BY TENANT'S LIGHT/LAMP SUPPLIER, U.N.O.
V. ALL EXTERIOR PARKING LOT LIGHT FIXTURES AND LAMPS PROVIDED BY AND INSTALLED BY G.C. CAREFULLY REVIEW LIGHTING FIXTURE SCHEDULE ON SHEET E100.
W. ALL EXTERIOR BUILDING MOUNTED AND PATIO LIGHT FIXTURES AND LAMPS INSTALLED BY G.C. CAREFULLY REVIEW LIGHTING FIXTURE SCHEDULE ON SHEET E100.
X. SECURITY CAMERA LOCATIONS ARE ONLY APPROXIMATE LOCATIONS. FOR GUIDANCE ON THE SPECIFIC LOCATION/ORIENTATION OF THESE CAMERAS, REFER TO THE ENVYSION INSTALLATION GUIDE
Y. REFER TO A120 FOR FINISH LEGEND.

KEYNOTE LEGEND

1	INTERIOR SECURITY CAMERA LOCATIONS - TYPICAL SIX (6) - CENTER IN CEILING TILE WHERE APPLICABLE.
2	LIGHTING FOR COOLER PROVIDED BY COOLER MANUFACTURER - GENERAL CONTRACTOR TO PROVIDE ROUGH-IN AND FINAL HOOK-UP.
3	UNDERSHELF TASK LIGHTING - REFER TO ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.
4	EXTERIOR SECURITY CAMERA LOCATIONS - TYPICAL OF TWO (2).
5	LOCATION OF MONITOR BY TENANTS VENDOR.
6	HOLD SOFFIT FRAMING SO GYPSUM SOFFIT FINISH DOESN'T OVERLAP THE WALL FINISH ON THE BOX BELOW - REFER TO FINISH PLAN FOR ADDITIONAL INFORMATION.
7	FOUR (4) SPEAKERS - REFER TO SHEET A210 FOR ADDITIONAL INFORMATION.
8	LINE OF SUSPENDED MENU BOARD SYSTEM.
9	4" PVC PIPES STUBBED ABOVE CEILING FOR SODA BUNDLE - REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
10	LIGHTS BY EXHAUST HOOD MANUFACTURER.
11	FULL HEIGHT SOFFIT WALL TO DECK ABOVE SHOWN DASHED - ALIGN FINISHED FACE WITH BACK WALL OF MOPUS.
12	CHIME/STROBE - REFER TO ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.
13	MOUNT EMERGENCY LIGHT FIXTURE TO BOTTOM OF CANOPY.

SECURITY DEVICE SCHEDULE

DESCRIPTION	QTY	FURNISHED BY	INSTALLED BY	UTILITIES ELEC	GAS	SEWER	WATER	REMARKS
SECURITY MONITOR	1	SSS	SSS	●				
SECURITY ALARM - MOTION DETECTORS	1	T.B.D.	T.B.D.	●				GC RESPONSIBLE FOR COORDINATING SEQUENCING OF PREWIRING WITH COMPLETION OF INTERIOR FINISHES (GYP. BD. FINISHES)
72 HR SECURITY DVR	1	SSS	SSS	●				
CLOSED CIRCUIT T.V. CAMERA - OUTDOOR	2	SSS	SSS	●				INSTALL AT 9'-6" U.N.O.
CLOSED CIRCUIT T.V. CAMERA - INDOOR	6	SSS	SSS	●				

SPEAKER SCHEDULE

ITEM #	QTY	DESCRIPTION	COLOR/FINISH	MOUNT	REMARKS
SP1	4	DINING ROOM SPEAKER	BLACK	SUSPENDED	REFER TO A201 & E110 FOR DETAILS

CONDUIT GUIDELINES

SEE ELECTRICAL DRAWINGS FOR CONDUIT REQUIREMENTS. METAL CLAD CABLE AND FLEXIBLE METAL CONDUIT SHALL NOT BE INSTALLED IN AREAS EXPOSED TO VIEW UNLESS SPECIFICALLY NOTED OTHERWISE

WILKUS ARCHITECTS

CLIENT:
CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2023
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 5081
"146th & HAZEL DELL PARKWAY"
TBD 146th & HAZEL DELL PARKWAY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO. 2023-0238
DRAWN BY RDB, THV
CHECKED BY

ISSUE RECORD:

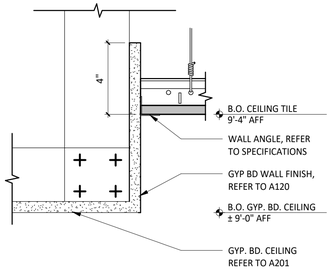
04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

REVISIONS:

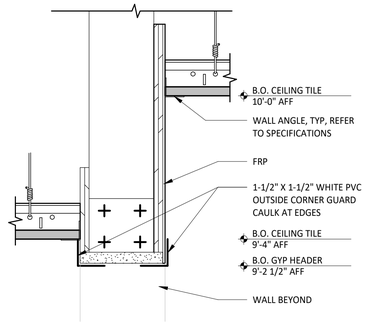
2	06.12.2024	Revision 2

TITLE:
REFLECTED CEILING PLAN

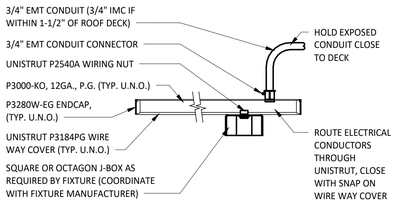
SHEET NUMNBER:
A201



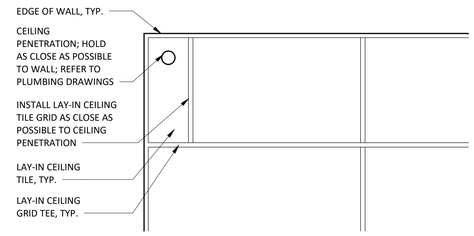
1 KITCHEN CEILING TRANSITION
SCALE: 3" = 1'-0"



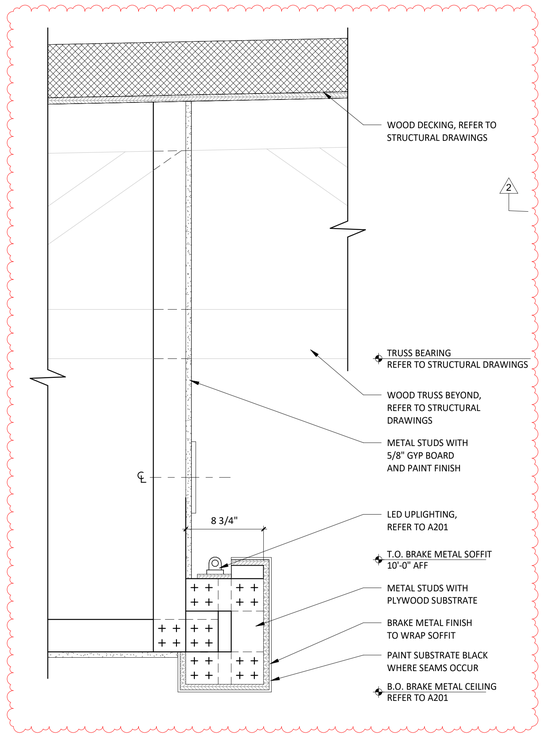
2 KITCHEN CEILING TRANSITION
SCALE: 3" = 1'-0"



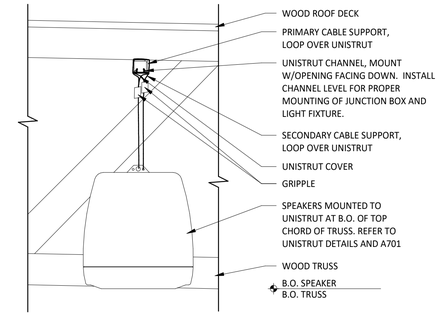
3 UNISTRUT MOUNTING DETAIL
SCALE: 1 1/2" = 1'-0"



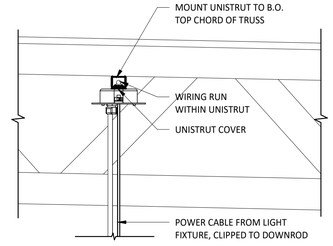
4 LAY-IN CEILING PENETRATION - PLAN DETAIL
SCALE: 3/4" = 1'-0"



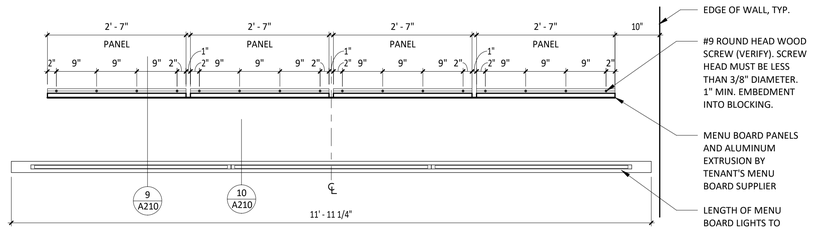
5 SECTION @ JOIST SHELF
SCALE: 1 1/2" = 1'-0"



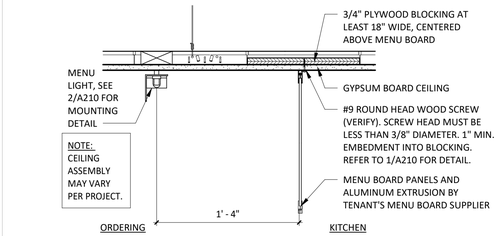
6 SUSPENDED SPEAKER INSTALLATION
SCALE: 1 1/2" = 1'-0"



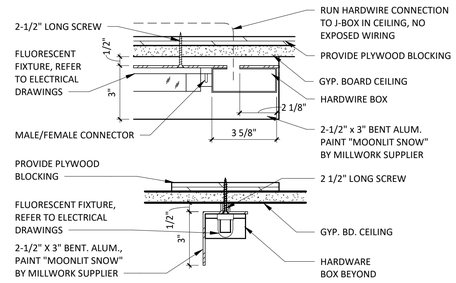
7 TYP. UNISTRUT MOUNTING DETAIL
SCALE: 1 1/2" = 1'-0"



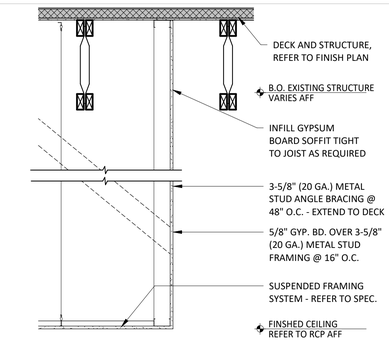
8 MENU - SCREW PATTERN PLAN
SCALE: 3/4" = 1'-0"



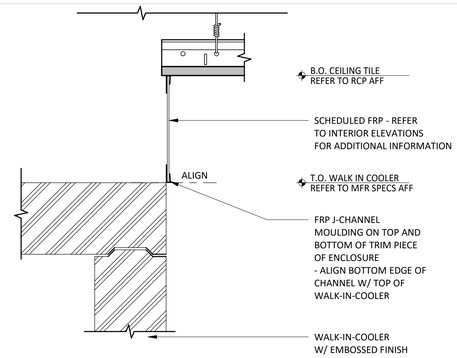
9 MENU BOARD DETAIL
SCALE: 1 1/2" = 1'-0"



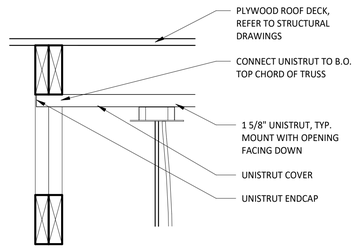
10 MENU BOARD LIGHT DETAIL
SCALE: 3" = 1'-0"



11 SECTION @ SOFFIT
SCALE: 3/4" = 1'-0"



12 KITCHEN CEILING TRANSITION
SCALE: 3" = 1'-0"



13 TYP. UNISTRUT MOUNTING DETAIL
SCALE: 1 1/2" = 1'-0"

WILKUS ARCHITECTS

CLIENT:
CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2023
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 5081
"146th & HAZEL DELL PARKWAY"
TBD 146th & HAZEL DELL PARKWAY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO. 2023-0238
DRAWN BY RDB, THV
CHECKED BY

ISSUE RECORD:

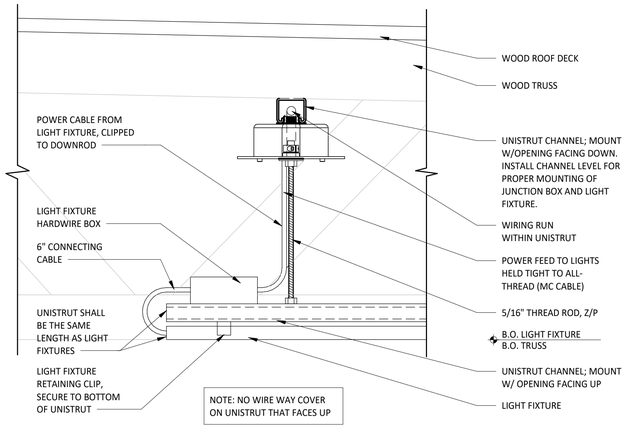
04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

REVISIONS:

2	06.12.2024	Revision 2

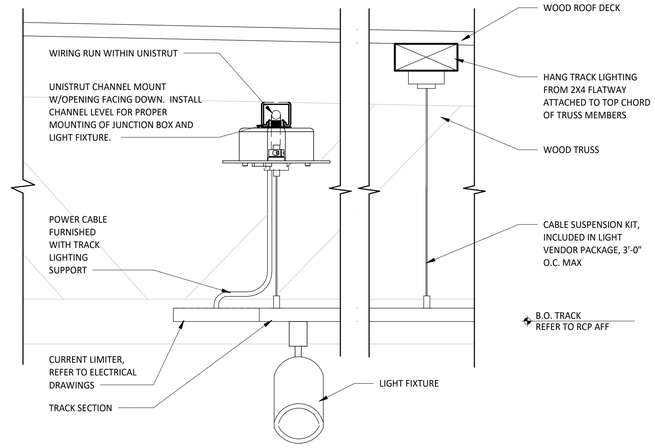
TITLE:
CEILING DETAILS

SHEET NUMNBER:
A210



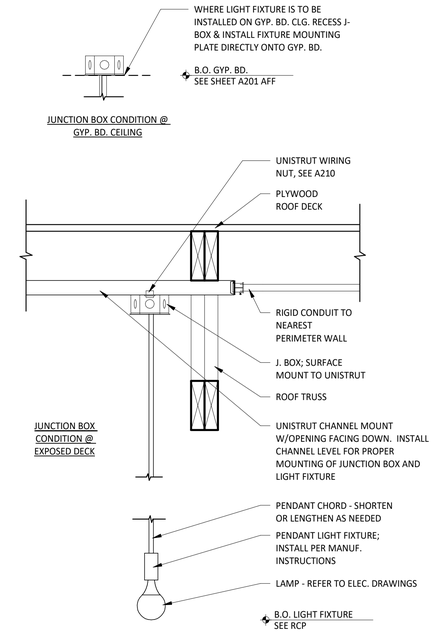
1 SUSPENDED STRIP LIGHT CONNECTION DETAIL

SCALE: 3" = 1'-0"



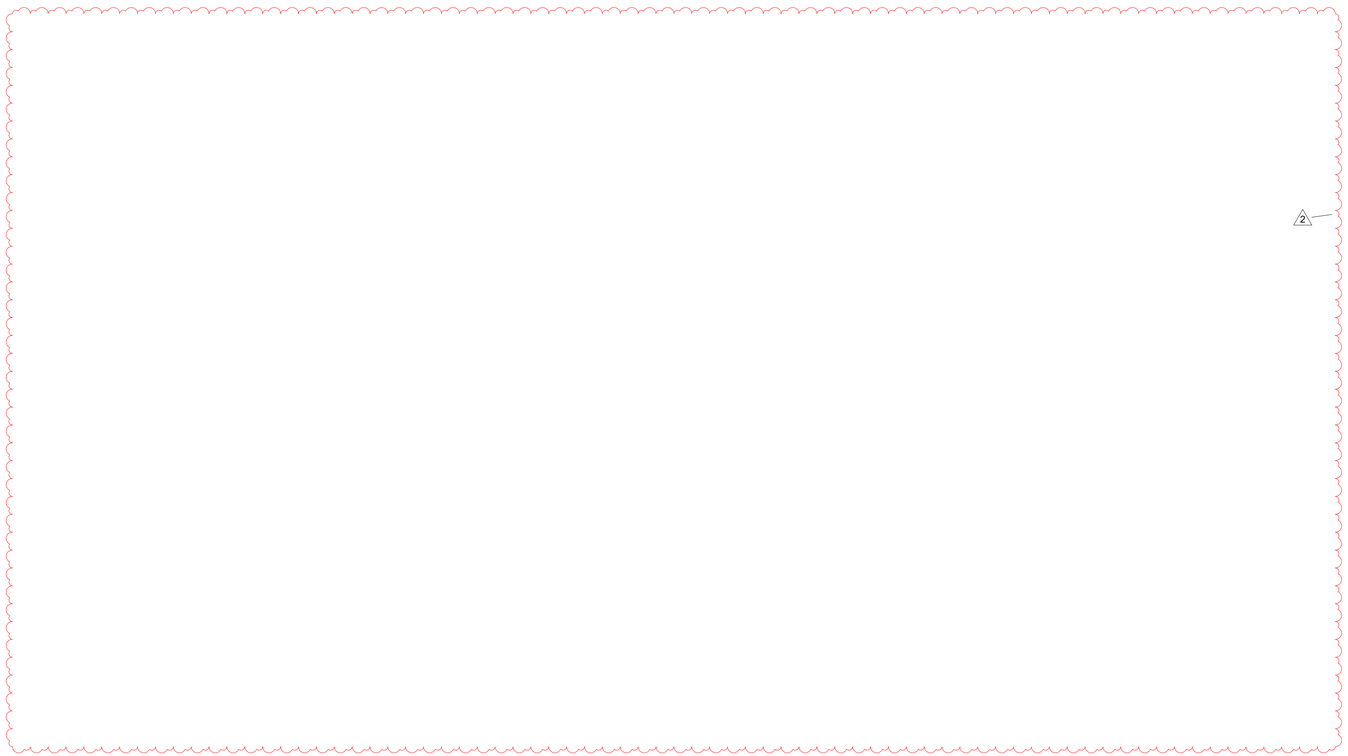
2 SUSPENDED TRACK LIGHT CONNECTION DETAIL

SCALE: 3" = 1'-0"



3 PENDANT LIGHT FIXTURE

SCALE: 1 1/2" = 1'-0"



WILKUS ARCHITECTS

CLIENT:

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2023
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 5081
"146th & HAZEL DELL PARKWAY"
TBD 146th & HAZEL DELL PARKWAY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO. 2023-0238
DRAWN BY RDB, THV
CHECKED BY

ISSUE RECORD:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

REVISIONS:

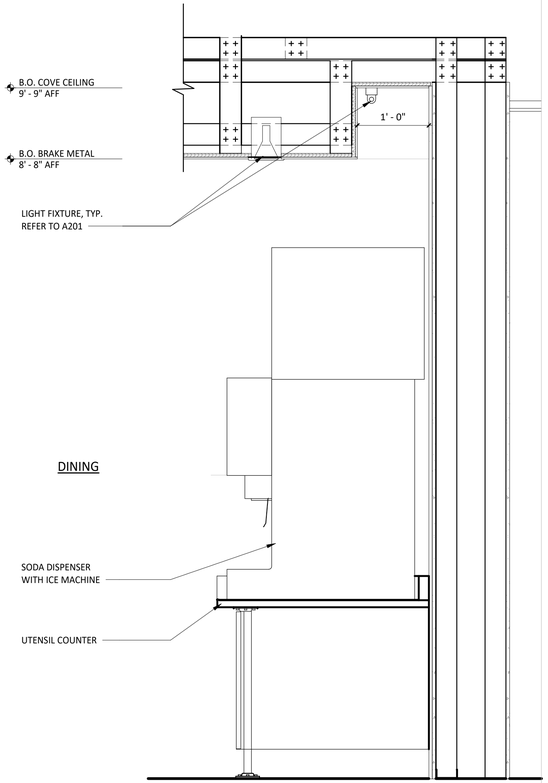
2	06.12.2024	Revision 2

TITLE:

LIGHTING DETAILS

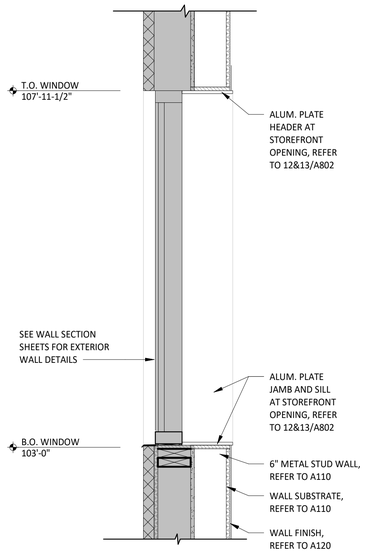
SHEET NUMNBER:

A211



1 UTENSIL SECTION

SCALE: 1" = 1'-0"



2 WINDOW FINISH DETAIL

SCALE: 1" = 1'-0"

WILKUS ARCHITECTS

CLIENT:

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2023
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 5081
"146th & HAZEL DELL PARKWAY"
TBD 146th & HAZEL DELL PARKWAY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO.	2023-0238
DRAWN BY	RDB, THV
CHECKED BY	

ISSUE RECORD:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

REVISIONS:

2	06.12.2024	Revision 2

TITLE:

INTERIOR SECTIONS

SHEET NUMNBER:

A501

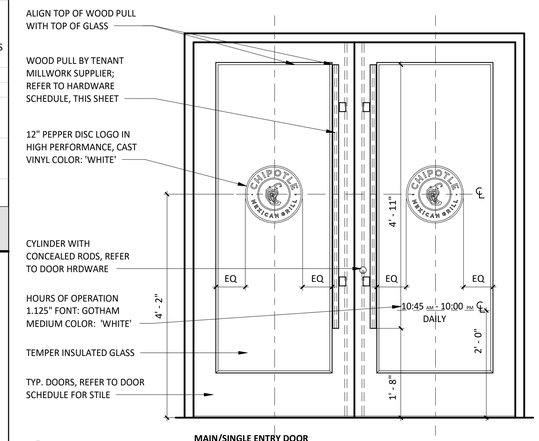
DOOR SCHEDULE

TAG	ROOM	DOOR STATUS *	FRAME STATUS	DOOR DESCRIPTION	DOOR WIDTH	DOOR HEIGHT	DOOR THICKNESS	DOOR TYPE	DOOR FINISH	FRAME TYPE	FRAME MATERIAL	STILE	HARDWARE SET	HARDWARE STATUS*	FIRE RATING	REMARKS
1	MAIN ENTRY	NEW	NEW	DOUBLE STOREFRONT (WIDE STILE, WOOD PULL/PUSH)	6' - 0"	7' - 0"	0' - 1 3/4"	A	SEE A301	STOREFRONT	ALUM	WIDE (5")	1	NEW	-	1,2,4,5
2	DINING	NEW	NEW	SINGLE STOREFRONT (WIDE STILE, NON-OFFSET, PANIC)	3' - 0"	7' - 0"	0' - 1 3/4"	A	SEE A301	STOREFRONT	ALUM	WIDE (5")	2A	NEW	-	1,3,4,5
3	KITCHEN	NEW	NEW	HM REAR KITCHEN (STANDARD)	3' - 6"	7' - 0"	0' - 1 3/4"	D	D1/D2 (SEE A120)	2	H.M.	-	3	NEW	-	1,4,7
4	WOMEN'S RESTROOM	NEW	NEW	WOMEN'S RESTROOM (SINGLE-OCCUPANT, STANDARD)	3' - 0"	7' - 0"	0' - 1 3/4"	B	D1 (SEE A120)	1	H.M.	-	6	NEW	-	
5	MEN'S RESTROOM	NEW	NEW	MEN'S RESTROOM (SINGLE-OCCUPANT, STANDARD)	3' - 0"	7' - 0"	0' - 1 3/4"	B	D1 (SEE A120)	1	H.M.	-	5	NEW	-	
6	OFFICE	NEW	NEW	MANAGER'S OFFICE	3' - 0"	7' - 0"	0' - 1 3/4"	C	D1 (SEE A120)	1	H.M.	-	4	NEW	-	
7	MAIN ENTRY	NEW	NEW	SINGLE STOREFRONT - VESTIBULE (WIDE STILE, NON-OFFSET)	3' - 0"	7' - 0"	0' - 1 3/4"	A	SEE A301	STOREFRONT	ALUM	WIDE (5")	2D	NEW	-	
8	MAIN ENTRY	NEW	NEW	SINGLE STOREFRONT - VESTIBULE (WIDE STILE, NON-OFFSET)	3' - 0"	7' - 0"	0' - 1 3/4"	A	SEE A301	STOREFRONT	ALUM	WIDE (5")	2D	NEW	-	

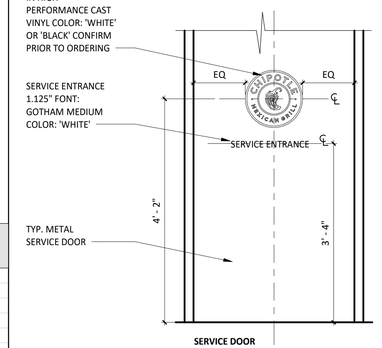
DOOR REMARKS

1. DOORS WITH REMARK #1 TO BE KEYED THE SAME
2. EXIT INDICATOR ARRIVES WITH SIGNS STATING "THIS DOOR TO REMAIN UNLOCKED DURING BUSINESS HOURS" AND "THIS DOOR TO REMAIN UNLOCKED WHEN THE BUILDING IS OCCUPIED". VERIFY REQUIRED SIGN WORDING WITH LOCAL JURISDICTION PRIOR TO INSTALLATION. ONE SIGN IS TO BE PLACED IN A VISIBLE LOCATION ABOVE THE DOORS.
3. THERE IS TO BE NO EXTERIOR HOLE OR CYLINDER
4. USE NON-SHRINK STRUCTURAL GROUT BED UNDER THRESHOLD
5. BLACK DOOR SWEEP TO BE USED WITH CHARCOAL STOREFRONT. LIGHT GRAY DOOR SWEEP TO BE USED WITH CLEAR ANODIZED ALUMINUM STOREFRONT
6. IF STATUS IS "EXISTING" G.C TO DETERMINE CONDITION OF EXISTING HADWARE. IF HARDWARE IS IN POOR CONDITION, PROVIDE HARDWARE IN HARDWARE SCHEDULE. CONFIRM REPLACEMENT WITH CHIPOTLE CM.
7. REAR KITCHEN DOOR TO BE PAINTED 'BLACK' ON INTERIOR AND 'KNIGHTS ARMOR' ON EXTERIOR U.N.O.

TYPICAL EXTERIOR DOOR TYPES



MAIN/SINGLE ENTRY DOOR



SERVICE DOOR

HARDWARE PROVIDED IN SHELL SET

G.C. TO CONFIRM ALL REQUIRED EXSITING HARDWARE IS PRESENT AND IS IN WORKING CONDITION. IF HARDWARE IS IN POOR CONDITION OR MISSING, PROVIDE HARDWARE IN HARDWARE SCHEDULE BELOW; CONFIRM REPLACEMENT WITH CHIPOTLE CM.

SET 1 - MAIN ENTRY - PAIR - WOOD PULL/PUSH

(2)	HINGE	HAGER, MODEL 780-224HD-83"-CLR
(2)	MORTISE CYLINDER	SCHLAGE, MODEL 80-103, BRUSHED CHROME; C.O. CYLINDER AT 34" MIN. FROM BOTTOM OF DOOR
(2)	TEMP CORE	SCHLAGE, MODEL 80-035 INTERCHANGEABLE CORE, (BRUSHED CHROME)
(1)	DEADBOLT	ADAMS RITE, MODEL MS1850S-310-628
(1)	EXIT INDICATOR	ADAMS RITE, MODEL 4089-00-130
(1)	HEADER BOLT	ADAMS RITE, MODEL 4016-30-01
(1)	THRESHOLD BOLT	ADAMS RITE, MODEL 4015-18-1B
(2)	CLOSER	DORMA, MODEL 8916-AF89P (TOP JAMB), (ALUMINUM)
(2)	DOOR STOP	IVES, MODEL FS18S (ALUMINUM)
(2)	OVERHEAD STOP	GLYNN-JOHNSON, MODEL 454S-SP28 (ALUMINUM)
(2)	CLOSER BACK PLATE	DORMA, MODEL BP89, ALUMINUM
(1)	THRESHOLD	PEMKO, MODEL S239A-72 (SIZE 72")
(2)	SMOKE SEAL	REESE, MODEL 797B-21
(2)	DOOR SWEEP	PEMKO, MODEL SFSC-200-36 (36" DOOR),OWNER FURNISHED

SET 2A - ENTRY - SINGLE - NON-OFFSET - PANIC HARDWARE

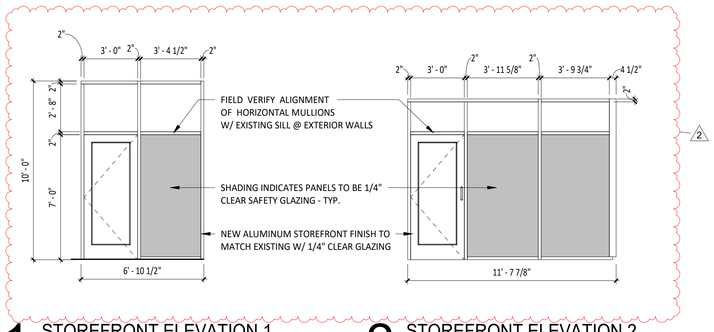
(1)	HINGE	HAGER, MODEL 780-224HD-83"-CLR
(1)	PUSH HARDWARE	ADAMS RITE, MODEL 8801-36-628 (ALUMINUM FINISH, 36" DOOR); C.O. EXIT DEVICE AT 38" FROM BOTTOM OF DOOR
(1)	PULL HARDWARE	HAGER, MODEL 4G US32D (8" CTC), CENTER ON DOOR STILE
(1)	CLOSER	DORMA, MODEL 8916-AF89P-689 (TOP JAMB), (ALUMINUM)
(1)	CLOSER BACK PLATE	DORMA, MODEL BP89, ALUMINUM
(1)	OVERHEAD STOP	GLYNN-JOHNSON, MODEL 454S-US32D (ALUMINUM)
(1)	THRESHOLD	REESE, MODEL 5424A-36 (SIZE 36")
(1)	SMOKE SEAL	REESE, MODEL 797B-21
(1)	DOOR SWEEP	PEMKO, MODEL SFSC-200-36 (36" DOOR), OWNER FURNISHED
(1)	DOOR STOP	IVES, MODEL FS18S (ALUMINUM)

SET 3 - REAR EXIT - SINGLE

(1)	HINGE	HAGER, MODEL 780-224HD-83"-CLR
(1)	PUSH HARDWARE	FALCON, MODEL 25-R-EO-4'-US28 (SIZE 42")
(1)	PULL HARDWARE	FALCON, MODEL 510L-DANE-LHR-US26D, ALUMINUM (EXTERIOR SIDE)
(1)	RIM CYLINDER	GLS, MODEL RCIC-7-LZ-626
(1)	TEMP CORE	SCHLAGE, MODEL 80-035 INTERCHANGEABLE CORE (FINISH: BRUSHED CHROME)
(1)	CLOSER	DORMA, MODEL 8916-AF89P-689 (TOP JAMB), ALUMINUM
(1)	CLOSER BACK PLATE	DORMA, MODEL BP89, ALUMINUM
(1)	THRESHOLD	REESE, MODEL S239A-42, (SIZE 42")
(1)	WEATHERSTRIP	REESE, MODEL DS75C-4070
(1)	DOOR SWEEP	PEMKO, MODEL SFSC-200-42 (42" DOOR) (BLACK) OWNER FURNISHED
(1)	DOOR VIEWER	IVES, MODEL U698B26D, C.O. VIEWER AT 60" FROM BOTTOM OF DOOR
(1)	DOOR SILENCERS	IVES, MODEL SR64
(1)	DOOR BUZZER	TRINE, MODEL 240
(1)	KICKPLATE	HIAWATHA, MODEL KP834-US32D

VESTIBULE FRAME TYPES

*GENERAL NOTES: ALL STOREFRONT TO BE ANODIZED ALUMINUM (COLOR AS NOTED) W/ THERMAL BREAKS; ALL GLAZING TO BE 1/4"CLEAR SAFETY GLAZING U.N.O. PROVIDE HEAD RECEPTORS WHERE NOTED



1 STOREFRONT ELEVATION 1
SCALE: 1/4" = 1'-0"

2 STOREFRONT ELEVATION 2
SCALE: 1/4" = 1'-0"

GENERAL DOOR HARDWARE

A.	ALL EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.
B.	LATCHES, HANDLES, PANIC BARS AND ALL DOOR HARDWARE WILL COMPLY WITH SECTION 7.2 OF NFPA 101 PER THE SPECIFICATIONS.
C.	THE MANAGER HAS A KEY TO UNLOCK RESTROOM DOORS, FROM THE OUTSIDE IN CASE OF AN EMERGENCY.
D.	ALL DOORS TO REMAIN UNLOCKED DURING BUSINESS HOURS.
E.	SEE THIS SHEET FOR EXTERIOR DOOR SIGNAGE INFO.
F.	MAXIMUM EFFORT TO OPERATE EXTERIOR OR INTERIOR DOORS WITH CLOSERS SHALL NOT EXCEED 5 POUNDS. THIS MAY BE INCREASED TO 15 POUNDS FOR FIRE-RATED DOORS.
G.	ALL NEW HOLLOW METAL DOORS, FRAMES AND HARDWARE TO BE FURNISHED BY TENANT HARDWARE SUPPLIER AND INSTALLED BY TENANT G.C. CALL PETE KLIMEKWITH TWIN CITY HARDWARE AT 763-535-4660 TO ARRANGE DELIVERY. NEW VESTIBULE STOREFRONT DOORS AND DOOR HARDWARE ARE TO BE PROVIDED BY TENANT GC.
H.	THE BOTTOM 10 INCHES OF ALL DOORS SHALL HAVE A SMOOTH, UNINTERRUPTED SURFACE TO ALLOW THE DOOR TO BE OPENED BY A WHEELCHAIR FOOTREST WITHOUT CREATING A TRAP OR HAZARDOUS CONDITION.
.I	ALL SUPPORT SIGNAGE INSTALLED BY G.C.
J.	ALL SUPPORT SIGNAGE PROVIDED BY TENANT'S SUPPORT SIGNAGE SUPPLIER.
K.	ALL HARDWARE SHALL MATCH STOREFRONT, VERIFY WITH ARCHITECT AND/OR CHIPOTLE CONSTRUCTION MANAGER PRIOR TO ORDERING.

HARDWARE PROVIDED IN TENANT SET

SET 1 - MAIN ENTRY - PAIR - WOOD PULL/PUSH

(2)	PUSH HARDWARE	1 1/2" DIAMETER WOOD PUSH, VARIES HIGH - PROVIDED BY MILLWORK SUPPLIER. MOUNT TOP OF PULLS FLUSH WITH TOP OF GLAZING STOP IN DOOR, RE: SHOP DRAWINGS
(2)	PULL HARDWARE	1 1/2" DIAMETER WOOD PULL, VARIES HIGH - PROVIDED BY MILLWORK SUPPLIER. MOUNT TOP OF PULLS FLUSH WITH TOP OF GLAZING STOP IN DOOR, RE: SHOP DRAWINGS

SET 2D - ENTRY - SINGLE - VESTIBULE

(1)	HINGE	HAGER, MODEL 780-224HD-83"-CLR
(1)	PUSH HARDWARE	HAGER, MODEL 30S, 4"X16" US32D STAINLESS STEEL
(1)	PULL HARDWARE	HAGER, MODEL 4G US32D (8" CTC), CENTER ON DOOR STILE
(1)	CLOSER	DORMA, MODEL 8916-AF89P-689 (TOP JAMB), (ALUMINUM)
(1)	DOOR STOP	IVES, MODEL FS18S (ALUMINUM)
(1)	CLOSER BACK PLATE	DORMA, MODEL BP89, ALUMINUM
(1)	KICKPLATE	HIAWATHA, MODEL KP834-US32D (SIZE 8" X 34")

SET 4 - MANAGER'S OFFICE

(3)	HINGE	STANLEY, MODEL FBB179-4.5-US26 (06-8438)
(1)	LOCKSET	SCHLAGE, MODEL L9453L-06A-626
(1)	TEMP CORE	SCHLAGE, MODEL 80-035 INTERCHANGEABLE CORE (FINISH: BRUSHED CHROME)
(1)	KICKPLATE	HIAWATHA, MODEL KP834-32D
(1)	DOOR STOP	DON-JO, MODEL 1407-630, STAINLESS STEEL
(3)	DOOR SILENCERS	IVES, MODEL SR64
(1)	SECURITY WINDOW	AIR LOUVERS, MODEL VSL1212TEMPPAK SLIMLINE 12" X 12" X 1/4" LITE KIT (10" X 10" GLASS VISIBLE)

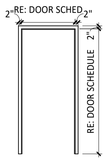
SET 5 - MEN'S RESTROOM - SINGLE OCCUPANT - STANDARD

(3)	HINGE	STANLEY, MODEL FBB179-4.5-US26 (06-8438)
(1)	CLOSER	FALCON, MODEL: SC61xRW/PAxALU
(1)	LOCKSET	SCHLAGE, MODEL AL40S-NEP-626
(1)	DOOR STOP	DON-JO, 1407-630
(3)	DOOR SILENCERS	IVES, MODEL SR64
(2)	KICKPLATE	HIAWATHA, MODEL KP834-32D
(1)	COAT HOOK	MILLS, MODEL FT6519, SUPPLIED BY WASHROOM ACCESSORIES VENDOR, MOUNT T.O. HOOK AT 47 1/2" AFF

SET 6 - WOMEN'S RESTROOM - SINGLE OCCUPANT - STANDARD

(3)	HINGE	STANLEY, MODEL FBB179-4.5-US26 (06-8438)
(1)	CLOSER	FALCON, MODEL: SC61xRW/PAxALU
(1)	LOCKSET	SCHLAGE, MODEL AL40S-NEP-626
(1)	DOOR STOP	DON-JO, 1407-630
(3)	DOOR SILENCERS	IVES, MODEL SR64
(2)	KICKPLATE	HIAWATHA, MODEL KP834-32D
(1)	COAT HOOK	MILLS, MODEL FT6519, SUPPLIED BY WASHROOM ACCESSORIES VENDOR, MOUNT T.O. HOOK AT 47 1/2" AFF

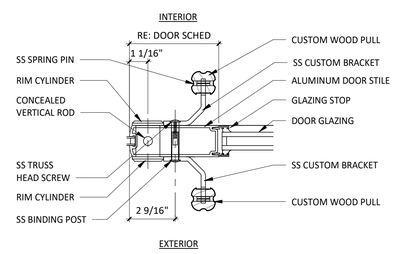
DOOR FRAME



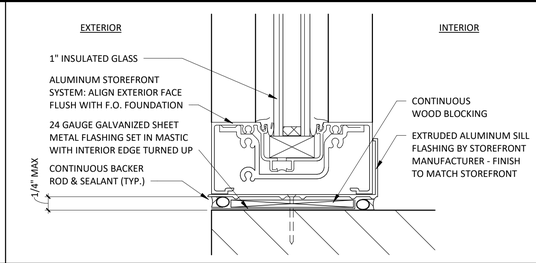
1

NOTE: GC TO VERIFY THE WALL THICKNESS PRIOR TO ORDERING DOOR FRAMES.

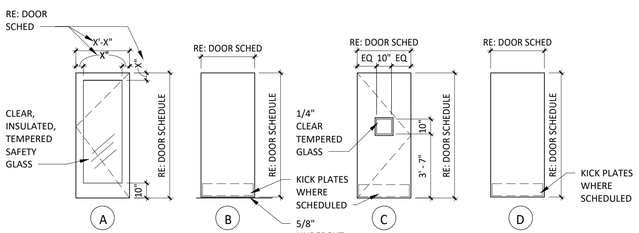
CUSTOM WOOD PULL



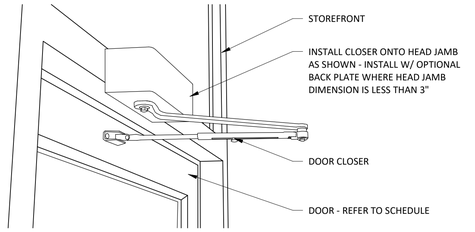
SILL FLASHING



DOOR TYPES



DOOR CLOSER



TOP JAMB MOUNT INSTALLATION. (NOTE THAT BACKPLATE IS MISSING IN THIS INSTALLATION BECAUSE HEAD JAMB IS OF ADEQUATE HEIGHT TO RECEIVE ALL MOUNTING SCREWS WITHOUT IT.) WHEN IN DOUBT ABOUT THE HEAD JAMB DIMENSION OR STABILITY, ORDER THE BACKPLATE.

WILKUS ARCHITECTS

CLIENT:

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2023
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 5081
"146th & HAZEL DELL PARKWAY"
TBD 146th & HAZEL DELL PARKWAY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO. 2023-0238
DRAWN BY RDB, THV
CHECKED BY

ISSUE RECORD:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

REVISIONS:

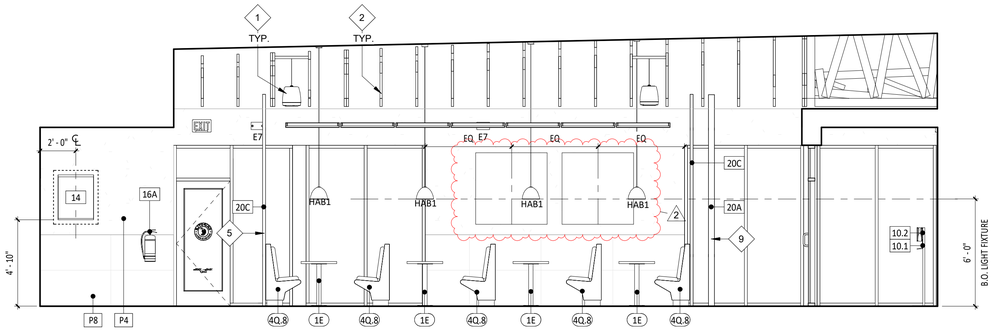
2	06.12.2024	Revision 2

TITLE:

DOOR & HARDWARE SCHEDULE

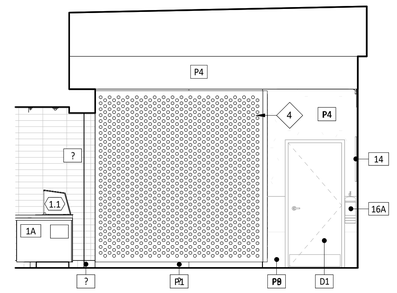
SHEET NUMNBER:

A601



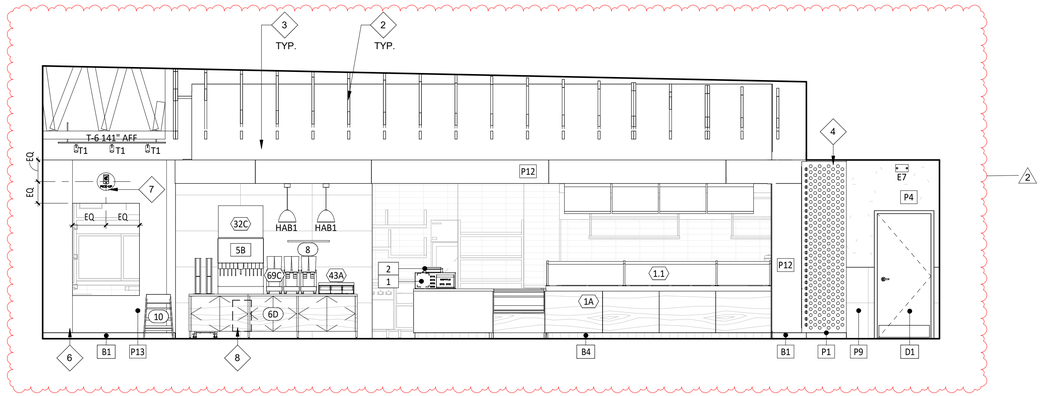
1 DINING ELEVATION

SCALE: 1/4" = 1'-0"



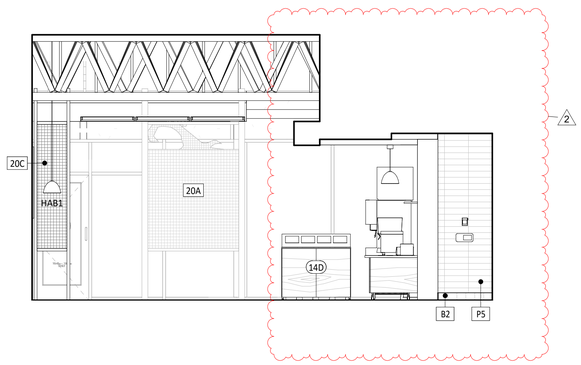
2 DINING ELEVATION

SCALE: 1/4" = 1'-0"



3 DINING ELEVATION

SCALE: 1/4" = 1'-0"



4 DINING ELEVATION

SCALE: 1/4" = 1'-0"

GENERAL NOTES - INT. ELEV.

A.	REFER TO SHEET A131 FOR EQUIPMENT LIST AND FURNITURE SCHEDULE.
B.	PROVIDE FULL HEIGHT BLOCKING IN WALL FOR ALL SHELVING, TYP.
C.	REFER TO A120 FOR FINISH SCHEDULE.
D.	REFER TO A201 AND ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SCHEDULE.

ELEVATION LEGEND

DENOTES WOOD BLOCKING IN WALL BEHIND WALL MOUNTED OBJECT U.N.O.

KEYNOTE LEGEND

1	SPEAKER LOCATION - REFER TO A201 FOR ADDITIONAL INFORMATION.
2	EXISTING STRUCTURE TO REMAIN UNPAINTED - REFER TO A140 AND A201 FOR ADDITIONAL INFORMATION.
3	DUCTWORK SHOWN FOR REFERENCE ONLY - REFER TO MECHANICAL DRAWINGS FOR ALL FINAL DUCTWORK LOCATIONS.
4	PERFORATED CORTEN METAL PANEL BY THE MILLWORK SUPPLIER, INSTALLED BY GENERAL CONTRACTOR.
5	METAL SCREEN WALL PROVIDED BY THE MILLWORK SUPPLIER, INSTALLED BY GENERAL CONTRACTOR.
6	MOPUS SHELVING AND CABINET PROVIDED BY THE MILLWORK SUPPLIER, INSTALLED BY GENERAL CONTRACTOR.
7	PICK-UP SIGN BY TENANT SIGNAGE VENDOR - INSTALLED BY GENERAL CONTRACTOR - COORDINATE REQUIRED BLOCKING REQUIREMENTS.
8	SODA CHASE BEYOND - REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
9	METAL MESH SCREENWALL, PROVIDED BY THE MILLWORK SUPPLIER, INSTALLED BY GENERAL CONTRACTOR.

WILKUS ARCHITECTS

CLIENT:

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2023
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 5081
"146th & HAZEL DELL PARKWAY"
TBD 146th & HAZEL DELL PARKWAY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO. 2023-0238
DRAWN BY RDB, THV
CHECKED BY

ISSUE RECORD:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

REVISIONS:

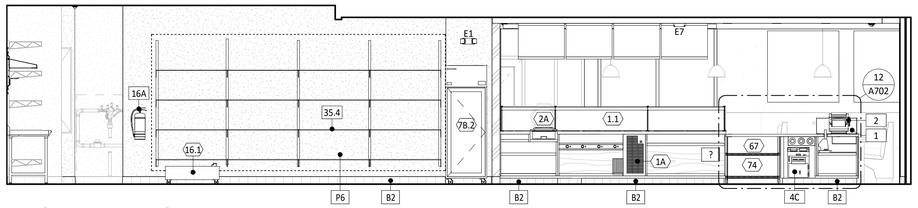
2	06.12.2024	Revision 2

TITLE:

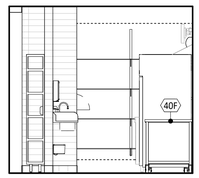
ELEVATIONS - INTERIOR DINING

SHEET NUMNBER:

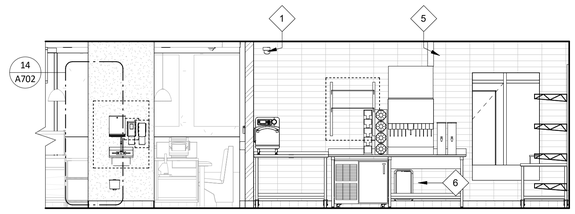
A701



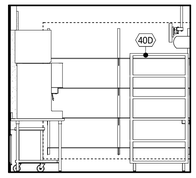
1 KITCHEN ELEVATION
SCALE: 1/4" = 1'-0"



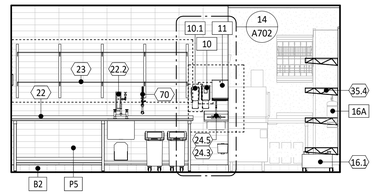
2 KITCHEN ELEVATION
SCALE: 1/4" = 1'-0"



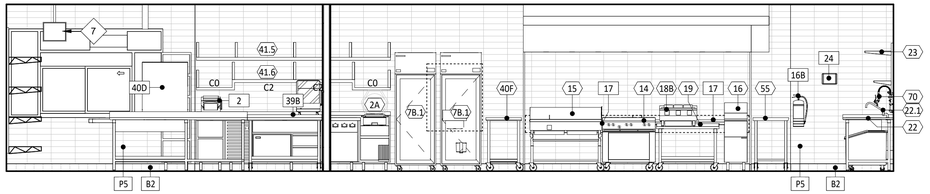
3 KITCHEN ELEVATION
SCALE: 1/4" = 1'-0"



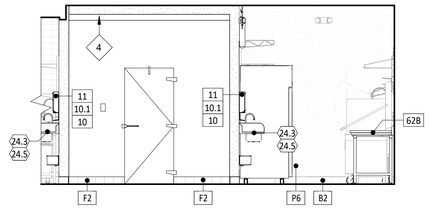
4 KITCHEN ELEVATION
SCALE: 1/4" = 1'-0"



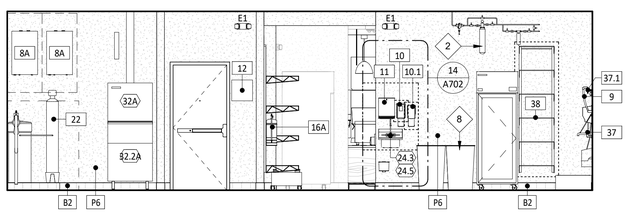
5 KITCHEN ELEVATION
SCALE: 1/4" = 1'-0"



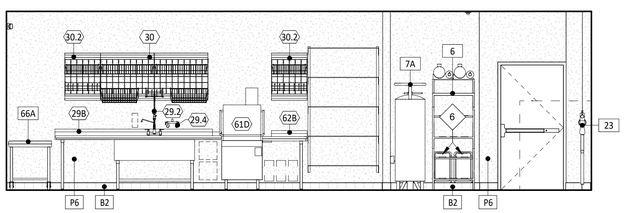
6 KITCHEN ELEVATION
SCALE: 1/4" = 1'-0"



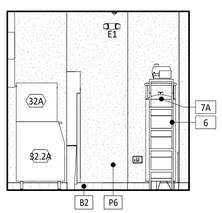
7 KITCHEN ELEVATION
SCALE: 1/4" = 1'-0"



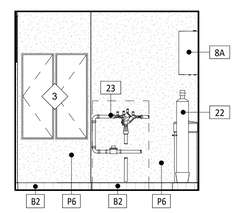
8 KITCHEN ELEVATION
SCALE: 1/4" = 1'-0"



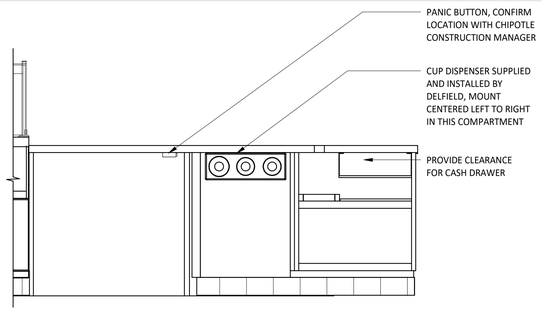
9 KITCHEN ELEVATION
SCALE: 1/4" = 1'-0"



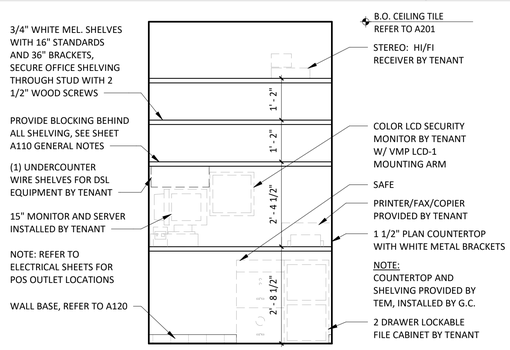
10 KITCHEN ELEVATION
SCALE: 1/4" = 1'-0"



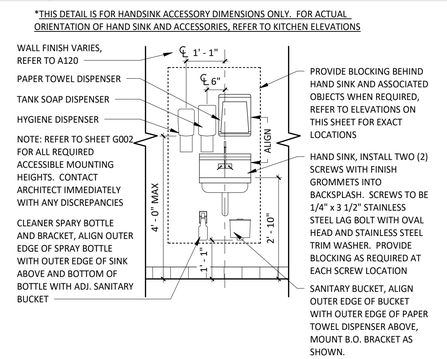
11 KITCHEN ELEVATION
SCALE: 1/4" = 1'-0"



12 TYP. ELEV - POS
SCALE: 3/4" = 1'-0"



13 TYP ELEV - OFFICE SHELVING
SCALE: 1/2" = 1'-0"



14 TYP ELEV - HAND SINK
SCALE: 1/2" = 1'-0"

GENERAL NOTES - INT. ELEV.

A.	REFER TO SHEET A131 FOR EQUIPMENT LIST AND FURNITURE SCHEDULE.
B.	PROVIDE FULL HEIGHT BLOCKING IN WALL FOR ALL SHELVING, TYP.
C.	REFER TO A120 FOR FINISH SCHEDULE.
D.	REFER TO A201 AND ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SCHEDULE.

ELEVATION LEGEND

DENOTES WOOD BLOCKING IN WALL BEHIND WALL MOUNTED OBJECT U.N.O.

KEYNOTE LEGEND

1	CHIME/STROBE - REFER TO ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.
2	WATER FILTER - REFER TO PLUMBING SHEETS FOR ADDITIONAL INFORMATION.
3	ELECTRICAL PANEL LOCATION, REFER TO ELECTRICAL DRAWINGS FOR DETAILS
4	PROVIDE F.R.P. CLOSURE BETWEEN FINISH CEILING AND TOP OF COOLER
5	STAINLESS STEEL SHROUD, REFER TO FINISH PLAN.
6	SODA CHASE BEYOND - REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
7	MONITOR INSTALLED BY TENANTS VENDOR.
8	MOVEABLE BACK-UP TRASH BINS FOR DINING AREA TRASH SURROUNDS - TYPICAL OF FOUR (4).

WILKUS ARCHITECTS

CLIENT:
CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2023
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 5081
"146th & HAZEL DELL PARKWAY"
TBD 146th & HAZEL DELL PARKWAY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO. 2023-0238
DRAWN BY RDB, THV
CHECKED BY

ISSUE RECORD:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

REVISIONS:

TITLE:
ELEVATIONS - INTERIOR KITCHEN

SHEET NUMNBER:
A702

RESTROOM ACCESSORIES

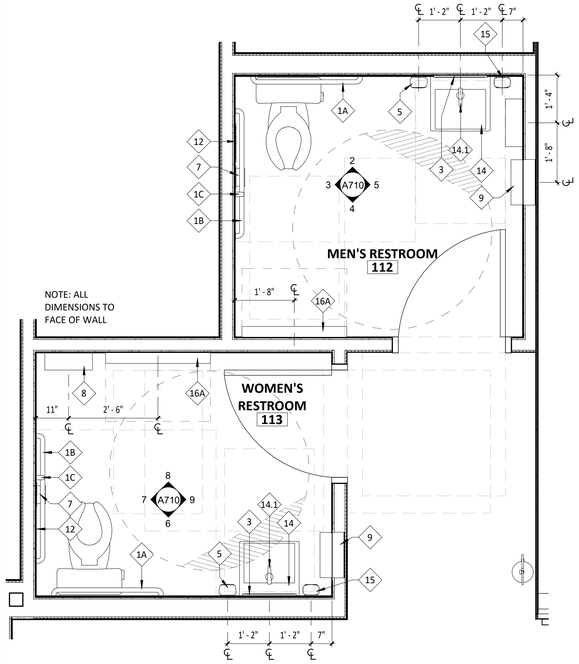
ITEM #	DESCRIPTION	MANUF	MODEL	QTY	PROVIDED BY	INSTALLED BY	UTILITY ELEC	UTILITY GAS	UTILITY WATER	UTILITY SEWER	MOUNTING HEIGHT	REMARKS
1A	Grab Bar - 36in	ASI	3501-36	2	WA	GC					34" AFF to Centerline of Gasping Surface	Provide Plywood Blocking to Mount to Wall
1B	Grab Bar - 42in	ASI	3501-42	2	WA	GC					34" AFF to Centerline of Gasping Surface	Provide Plywood Blocking to Mount to Wall
1C	Grab Bar - 18in	ASI	3501-18	2	WA	GC					40" AFF to Centerline of Bottom Return	Provide Plywood Blocking to Mount to Wall
3	Mirror	ASI	600-B1836	2	WA	GC					Bottom Edge of Reflecting Surface at 40" AFF	Provide Plywood Blocking to Mount to Wall
5	Touch-Free Soap Dispenser	Purell	CS8	2	WA	GC					47 1/2" AFF To Top Of Dispenser	
7	Recessed Toilet Paper Dispenser	ASI	0031	2	WA	GC					29" AFF to Top of Unit	Recess Mounted in Wall - Rough Opening: 6 1/4"W X 12 1/4"H X 3 3/8"D Top of Rough Opening: 29 1/4" AFF
8	Utility Shelf	ASI	0692	2	WA	GC					46" AFF To Top Of Shelf	Provide Toggle Bolts to Mount to Wall
9	Recessed Convertible Paper Towel Dispenser and Waste Receptacle, Recess Mounted in Wall	Bobrick	B-3944	2	WA	GC					Bottom of Unit at Top of Base, Bottom of Dispenser to be at 40" AFF, Recess Mounting In Wall	Rough Opening: 16"W x 54 3/4"H x 4" D. Provide Plywood Blocking to Mount to Wall
12	Napkin Disposal - Recessed	ASI	0473	2	WA	GC					Top of Rough Opening @ 29" AFF	Recess Mounted in Wall - Rough Opening: 11 1/4"W X 15 3/4"H X 4"D
14	Restroom Hand Sink	Kohler	K-2084	2	GC	GC				•	Mount Bottom of Front Edge Of The Sink At Exactly 29" AFF	
14.1	Restroom Hand Sink Faucet	T&S	EC-3102-TMV-LF-05	2	KES	GC			•			To Be Furnished With .5 GPM Aerator Installed. Thermostatic mixing valve is also included.
15	Hand Sanitizer Dispenser	Purell	ES8	2	WA	GC					Align T.O. Unit With T.O. Soap Dispenser	
16A	Surface Mounted Horizontal Baby Changing Station	Koala Care	KB200-05	2	WA	GC					Mount Bottom of Open Changing Bed at Exactly 27" AFF	GC to Provide adequate blocking to support the baby changing equipment. Blocking shall be installed in such a manner to not damage or compromise the rated assembly of the existing wall construction

GENERAL NOTES - RESTROOM

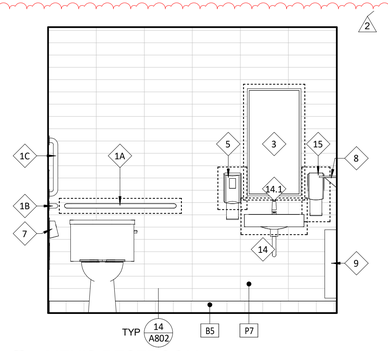
A. ALL DIMENSIONS ARE TO FACE OF STUD UNLESS OTHERWISE NOTED.
B. REFER TO A801 FOR FINISH DETAIL NOTES.
C. ALL ACCESSORIES SHALL BE AS MANUFACTURED BY AMERICAN SPECIALTIES INC OR TENANT APPROVED EQUIVALENT UNLESS DESIGNATED OTHERWISE. PROVIDE SOLID FRT WOOD BLOCKING AS NECESSARY FOR INSTALLATION PER MANUFACTURER'S RECOMMENDATIONS. SEE SHEET G002 FOR ACCESSIBILITY GUIDELINES & MOUNTING HEIGHT REQUIREMENTS.
D. REFER TO A120 FOR FINISH SCHEDULE.
E. REFER TO A201 AND ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SCHEDULE.

ELEVATION LEGEND

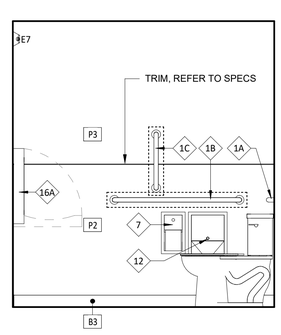
DENOTES WOOD BLOCKING IN WALL BEHIND WALL MOUNTED OBJECT U.N.O.



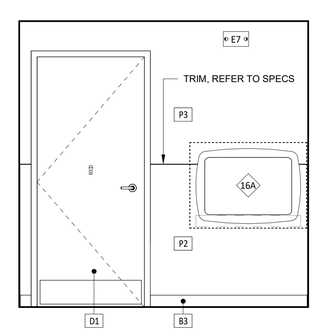
1 ENLARGED PLAN
SCALE: 1/2" = 1'-0"



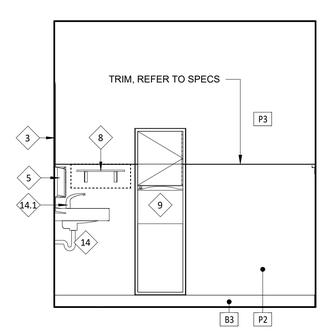
2 MEN'S RESTROOM
SCALE: 1/2" = 1'-0"



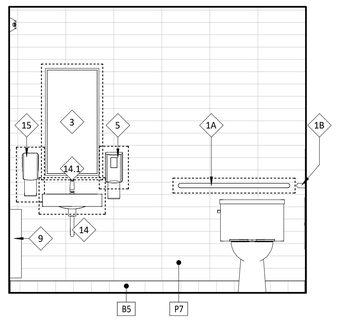
3 MEN'S RESTROOM
SCALE: 1/2" = 1'-0"



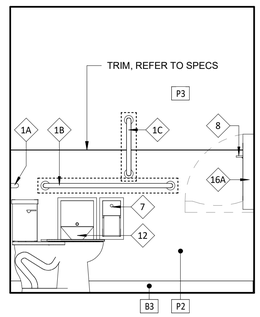
4 MEN'S RESTROOM
SCALE: 1/2" = 1'-0"



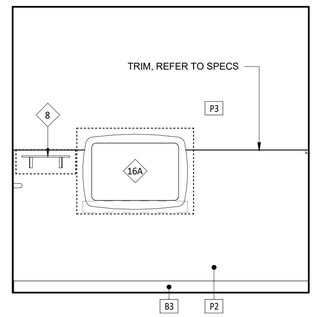
5 MEN'S RESTROOM
SCALE: 1/2" = 1'-0"



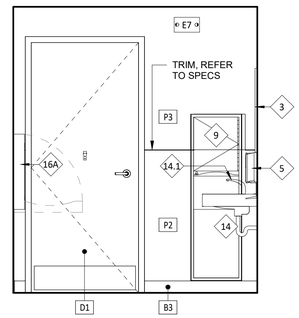
6 WOMEN'S RESTROOM
SCALE: 1/2" = 1'-0"



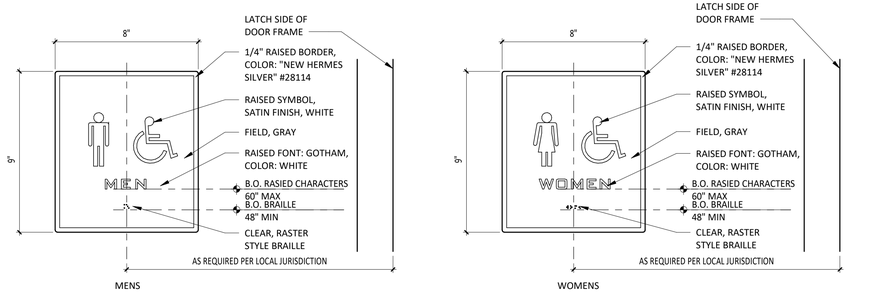
7 WOMEN'S RESTROOM
SCALE: 1/2" = 1'-0"



8 WOMEN'S RESTROOM
SCALE: 1/2" = 1'-0"



9 WOMEN'S RESTROOM
SCALE: 1/2" = 1'-0"



10 TYPICAL RESTROOM SIGNAGE
SCALE: 3" = 1'-0"

WILKUS ARCHITECTS

CLIENT:

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2023
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 5081
"146th & HAZEL DELL PARKWAY"
TBD 146th & HAZEL DELL PARKWAY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO. 2023-0238
DRAWN BY RDB, THV
CHECKED BY

ISSUE RECORD:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

REVISIONS:

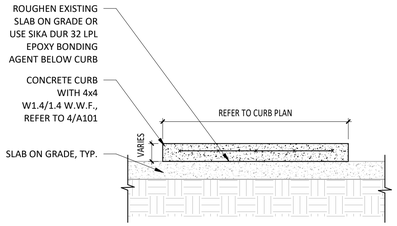
2	06.12.2024	Revision 2

TITLE:

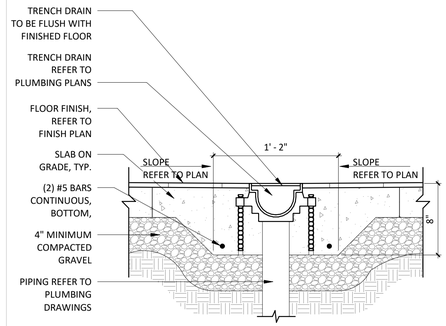
RESTROOM INFORMATION

SHEET NUMNBER:

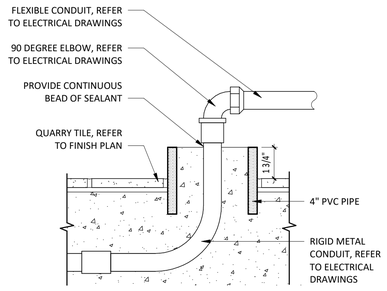
A710



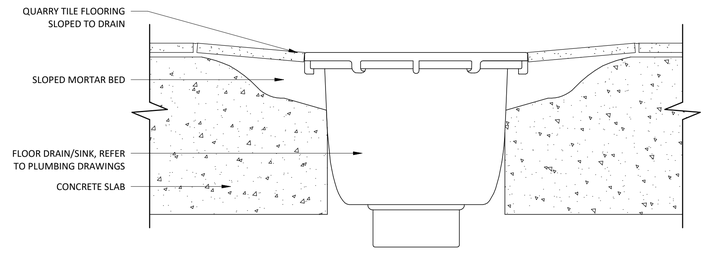
1 DETAIL @ CONCRETE CURB
SCALE: 3/4" = 1'-0"



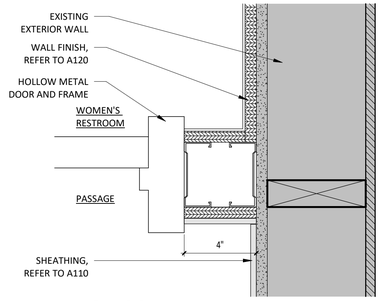
2 DETAIL @ TRENCH DRAIN
SCALE: 1 1/2" = 1'-0"



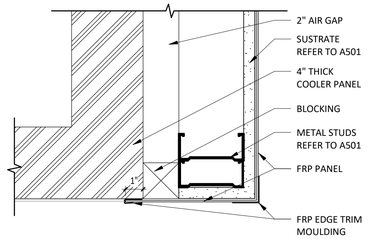
3 SECTION @ STUB LOCATION UNDER TABLES
SCALE: 3" = 1'-0"



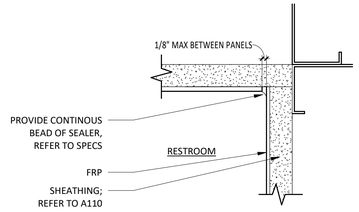
4 SECTION @ QT FLOOR DRAIN/SINK - TYP.
SCALE: 3" = 1'-0"



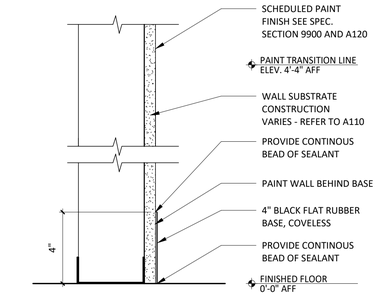
5 DETAIL @ DOOR JAMB
SCALE: 3" = 1'-0"



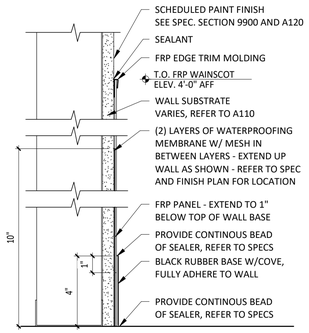
6 DETAIL @ FRP TO COOLER CLOSER STRIP
SCALE: 3" = 1'-0"



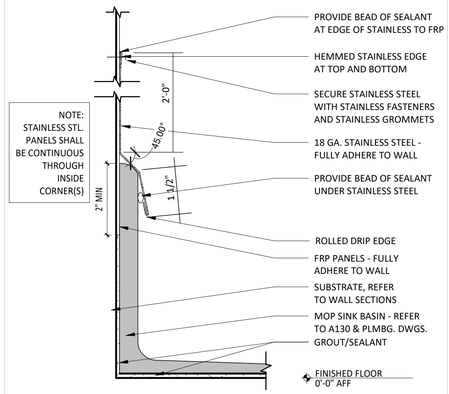
7 DETAIL @ RESTROOM FRP INSIDE CORNER
SCALE: 6" = 1'-0"



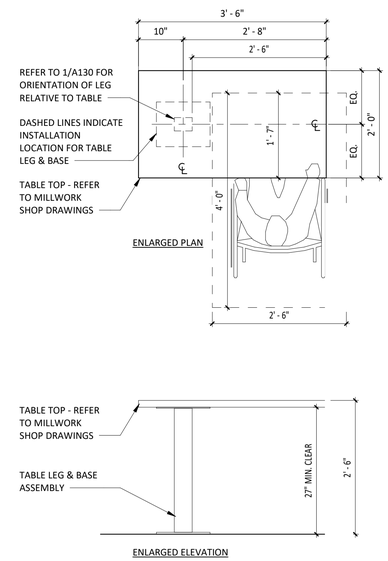
8 SECTION @ DINING ROOM WALL
SCALE: 3" = 1'-0"



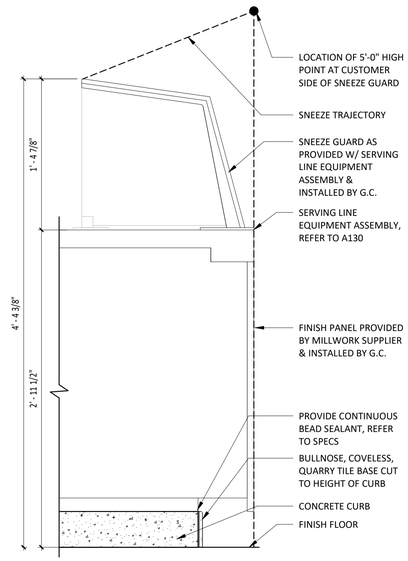
9 SECTION @ FRP WAINSCOT W/ RUBBER BASE
SCALE: 3" = 1'-0"



10 SECTION @ MOP SINK
SCALE: 6" = 1'-0"



11 DETAIL @ ACCESSIBLE TABLE
SCALE: 3/4" = 1'-0"



12 DETAIL @ SERVELINE SNEEZE GUARD
SCALE: 1 1/2" = 1'-0"

WILKUS ARCHITECTS

CLIENT:
CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2023
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 5081
"146th & HAZEL DELL PARKWAY"
TBD 146th & HAZEL DELL PARKWAY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO. 2023-0238
DRAWN BY RDB, THV
CHECKED BY

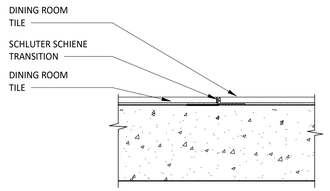
ISSUE RECORD:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

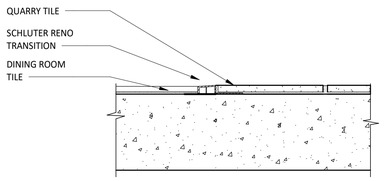
REVISIONS:

TITLE:
FINISH DETAILS - GENERAL

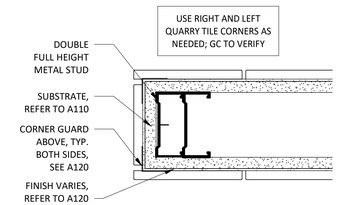
SHEET NUMNBER:
A801



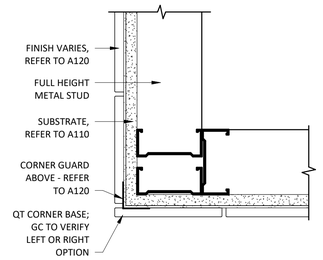
1 FLOOR TRANSITION @ READY TO DRINK
SCALE: 3" = 1'-0"



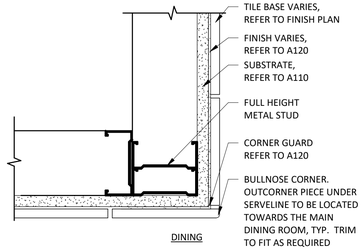
2 FLOOR TRANSITION @ RAMP
SCALE: 3" = 1'-0"



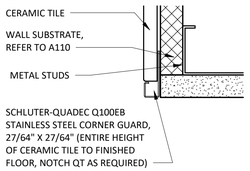
3 QT BASE - ENDCAP
SCALE: 3" = 1'-0"



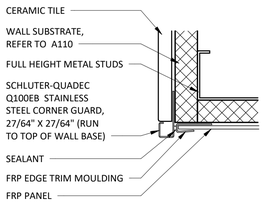
4 QT BASE - OUTSIDE CORNER - (KITCHEN)
SCALE: 3" = 1'-0"



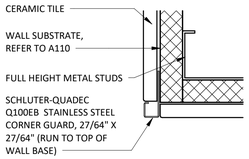
5 QT BASE - OUTSIDE CORNER (DINING)
SCALE: 3" = 1'-0"



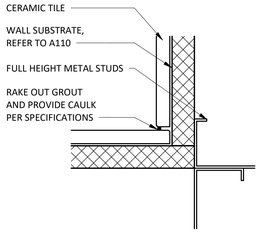
6 TILE TO GYP OUTSIDE CORNER
SCALE: 6" = 1'-0"



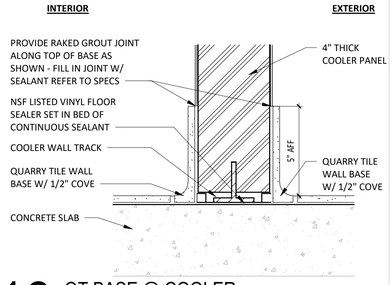
7 TILE TO FRP OUTSIDE CORNER
SCALE: 6" = 1'-0"



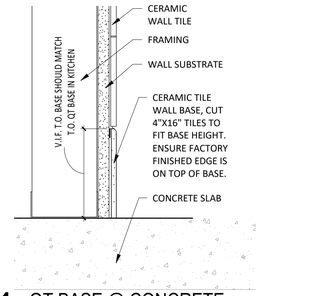
8 TILE TO TILE OUTSIDE CORNER
SCALE: 6" = 1'-0"



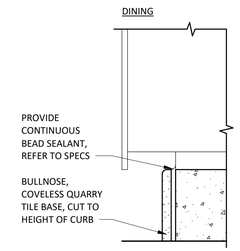
9 TILE TO TILE INSIDE CORNER
SCALE: 6" = 1'-0"



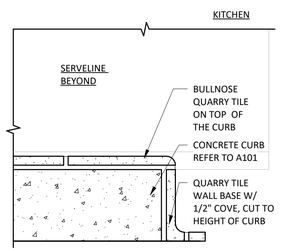
10 QT BASE @ COOLER
SCALE: 3" = 1'-0"



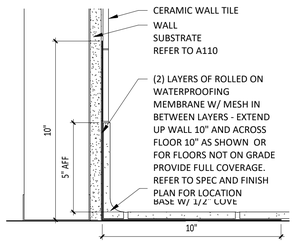
11 QT BASE @ CONCRETE
SCALE: 3" = 1'-0"



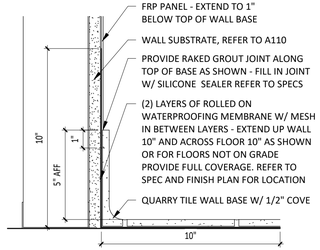
12A QT @ CURB
SCALE: 3" = 1'-0"



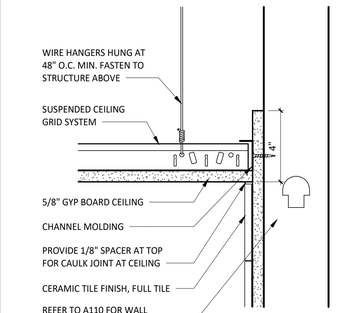
12B QT @ CURB
SCALE: 3" = 1'-0"



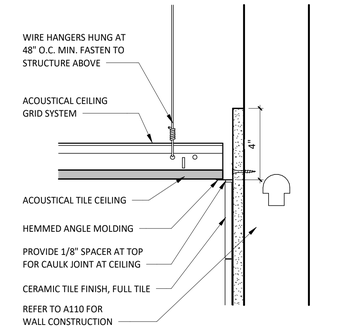
13 QT BASE @ CERAMIC TILE
SCALE: 3" = 1'-0"



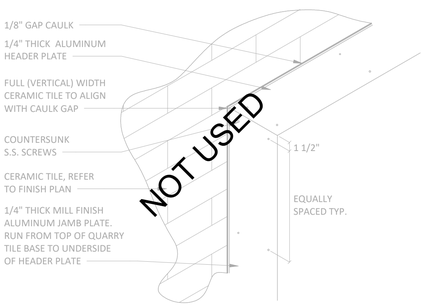
14 QT BASE @ FRP
SCALE: 3" = 1'-0"



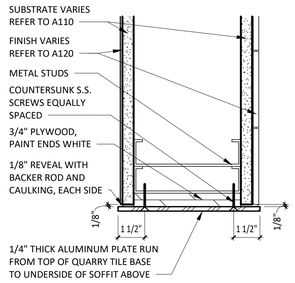
15 TILE DETAIL @ GYP BD CEILING
SCALE: 3" = 1'-0"



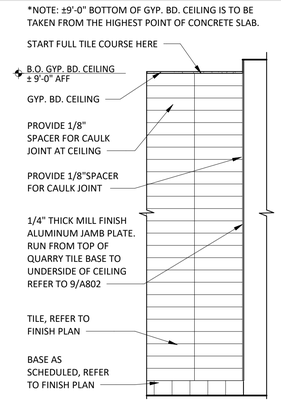
16 TILE DETAIL @ SUSPENDED CEILING
SCALE: 3" = 1'-0"



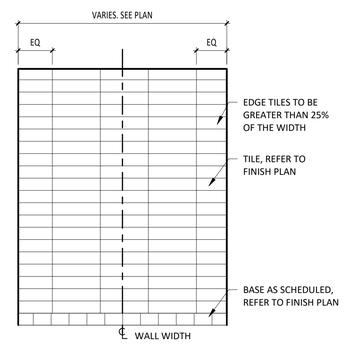
17 TILE DETAIL @ ALUMNINUM PLATE HEADER
SCALE: 1" = 1'-0"



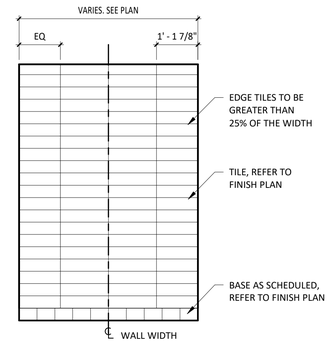
18 ALUMINUM PLATE @ JAMB/HEAD/SILL
SCALE: 3" = 1'-0"



19 KITCHEN WALL ENDCAP TILE LAYOUT
SCALE: 1/2" = 1'-0"



20 TILE CENTERED LAYOUT
SCALE: 1/2" = 1'-0"



21 JOINT CENTERED LAYOUT
SCALE: 1/2" = 1'-0"

WILKUS ARCHITECTS

CLIENT:
CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2023
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION:

STORE NO.: 5081
"146th & HAZEL DELL PARKWAY"
TBD 146th & HAZEL DELL PARKWAY
NOBLESVILLE, IN 46062

SEAL:

FOR CONSTRUCTION

PROJECT NO.	2023-0238
DRAWN BY	RDB, THV
CHECKED BY	

ISSUE RECORD:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

REVISIONS:

2	06.12.2024	Revision 2

TITLE:
FINISH DETAILS - TILE

SHEET NUMNBER:
A802

GENERAL STRUCTURAL NOTES

1 BUILDING CODE:
1.1 THE 2012 INTERNATIONAL BUILDING CODE AS ADOPTED BY THE STATE OF INDIANA.

2 DESIGN LOADS:
2.1 ROOFS:
- DEAD LOAD ..... 20 PSF
- LIVE ..... 20 PSF (REDUCIBLE)
- SNOW: GROUND SNOW LOAD, P_g ..... 20 PSF
- ROOF SNOW LOAD ..... 20* PSF

2.2 WIND:
- BASIC WIND SPEED, V ..... 115 MPH ULTIMATE
- RISK CATEGORY II
- EXPOSURE C
- INTERNAL PRESSURE COEFFICIENT, GC_{pi} ..... ±0.18
- MWFRS ..... 16.9 PSF TYPICAL
- ..... 25.4 PSF CORNERS
- COMPONENT DESIGN PRESSURE ..... SEE TABLE

2.3 SEISMIC DATA:
- SITE CLASS ..... D
- RISK CATEGORY II
- IMPORTANCE FACTOR, I_E 1.0
- MAPPED SPECTRAL RESPONSE COEFFICIENT, S_S 0.144
- MAPPED SPECTRAL RESPONSE COEFFICIENT, S_1 ..... 0.080
- SEISMIC DESIGN CATEGORY ..... B

2.4 ENGINEERED WOOD TRUSSES: ..... REFER TO DETAIL 2/S201

* PLUS SNOW ACCUMULATION IN ACCORDANCE WITH SECTION 1608 OF THE IBC.

COMPONENT AND CLADDING ULTIMATE WIND PRESSURE TABLE IN PSF[1,2]

LOCATION	EXTERIOR WALLS		GROSS ROOF UPLIFT	
	TRIBUTARY AREA		TRIBUTARY AREA	
	10 SQ. FT.	500 SQ. FT.	10 SQ. FT.	500 SQ. FT.
TYPICAL	±28.6	±22.0	-28.8	-26.4
WITHIN 8 FEET OF BUILDING CORNER	±35.2	±22.0		
FROM 12 TO 24 FEET FROM BUILDING EDGE			-28.8	-26.4
FROM EDGE OF ROOF TO 12 FEET FROM EDGE			-48.4	-31.3
FROM 12 FEET FROM BUILDING CORNER (4 FEET WIDE)			-72.8	-31.3

[1] LINEAR INTERPOLATION MAY BE USED FOR TRIBUTARY AREAS BETWEEN THOSE SHOWN

[2] PLUS AND MINUS SIGNS SIGNIFY PRESSURES ACTING TOWARD AND AWAY FROM THE PROJECTED SURFACES, RESPECTIVELY

3 GENERAL NOTES:
3.1 CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION AND FOR THE SAFETY OF PERSONS AND PROPERTY. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL SAFETY PRECAUTIONS AND REGULATIONS DURING THE WORK. THE ENGINEER WILL NOT ADVISE ON NOR ISSUE DIRECTION AS TO SAFETY PRECAUTIONS AND PROGRAMS.

3.2 THE STRUCTURAL DRAWINGS HEREIN REPRESENT THE FINISHED STRUCTURE. DURING ERECTION OF THE STRUCTURE, THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR TEMPORARY GUYING, SHORING, BRACING, FORMING, ETC. TO HOLD THE STRUCTURE IN PROPER ALIGNMENT AND TO WITHSTAND ALL LOADS TO WHICH THE STRUCTURE MAY BE SUBJECTED, INCLUDING LATERAL LOADS, TEMPERATURE DIFFERENTIALS, STOCKPILES OF MATERIAL AND EQUIPMENT. SUCH MEASURES SHALL BE LEFT IN PLACE AS LONG AS REQUIRED FOR SAFETY AND UNTIL ALL FRAMING AND CONNECTIONS INCLUDING ROOF DECK ARE IN PLACE. THE INVESTIGATION, DESIGN, SAFETY, ADEQUACY AND INSPECTION OF SUCH TEMPORARY MEASURES ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.

3.3 DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY SHOWN, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED, SUBJECT TO REVIEW BY THE ENGINEER.

3.4 ARCHITECTURAL DRAWINGS, MECHANICAL DRAWINGS, ELECTRICAL DRAWINGS, TELECOMMUNICATION DRAWINGS, FIRE PROTECTION DRAWINGS, EQUIPMENT DRAWINGS AND RELATED ITEMS ARE BY OTHERS.

3.5 CONTRACTOR AND SUBCONTRACTORS SHALL THOROUGHLY REVIEW ALL DRAWINGS AND SPECIFICATIONS PRIOR TO SUBMITTING BIDS. MISCELLANEOUS FASTENERS, CLIPS, ETC. THAT ARE NOT DETAILED ON THE DRAWINGS BUT ARE PART OF THE REQUIREMENTS FOR FULL INSTALLATION OF ALL STRUCTURAL SYSTEMS ARE TO BE PART OF THE BID. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO THE BID TO ASCERTAIN CONDITIONS WHICH MAY ADVERSELY AFFECT THE BID.

3.6 DURING THE BIDDING STAGE, CONTRACTOR SHALL REQUEST AN INTERPRETATION OF CONFLICTS PRIOR TO BIDDING. IF NO REQUEST IS MADE, BOTH PROVISIONS SHALL BE PRESUMED TO BE INCLUDED IN THE BID AND THE ARCHITECT/ENGINEER SHALL DETERMINE WHICH PROVISION GOVERNS, AND THE CONTRACTOR SHALL PERFORM THE WORK AT NO ADDITIONAL COST TO THE OWNER.

3.7 ALL OMISSIONS AND CONFLICTS BETWEEN THE VARIOUS ELEMENTS OF THE CONSTRUCTION DRAWINGS AND/OR SPECIFICATIONS AND/OR EXISTING CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH THE WORK.

3.8 THE CONTRACTOR SHALL COORDINATE ALL DEPRESSIONS, DIMENSIONS, ELEVATIONS, SLEEVES, CHASES, HANGERS, OPENINGS, BLOCK OUTS, INSERTS, ANCHORS, EQUIPMENT SUPPORTS, AND DETAILS WITH THE ENTIRE CONSTRUCTION PACKAGE INCLUDING ARCHITECTURAL DRAWINGS, MECHANICAL DRAWINGS, ELECTRICAL DRAWINGS, TELECOMMUNICATION DRAWINGS, FIRE PROTECTION DRAWINGS AND EQUIPMENT DRAWINGS. FOR CONCRETE AND MASONRY CONSTRUCTION THE INSERTS, EMBEDDED PLATES, ETC. SHALL NOT INTERFERE WITH REINFORCEMENT LOCATIONS.

3.9 MECHANICAL UNITS SUPPORTED BY ROOF OR FLOOR STRUCTURE ARE SUBJECT TO THE ACCEPTANCE OF THE STRUCTURAL ENGINEER.

4 PROVISIONS FOR FUTURE EXPANSION:
4.1 NO PROVISIONS FOR FUTURE EXPANSION HAVE BEEN INCLUDED IN DESIGN.

5 FOOTINGS AND SOIL DATA:
5.1 THE STRUCTURE IS DESIGNED FOR THE PRESUMPTIVE BEARING PRESSURES BASED ON THE IBC:
- MAXIMUM ALLOWABLE SOIL BEARING CAPACITY ..... 1500 PSF

5.2 FOOTINGS SHALL BEAR ON NATURAL UNDISTURBED SOIL OR ON COMPACTED, ENGINEERED FILL. ALL SUBGRADE SHALL BE PREPARED AND COMPACTED ACCORDING TO THE RECOMMENDATIONS PROVIDED IN THE GEOTECHNICAL REPORT.

5.3 ALL TOPSOIL, FILL AND OTHER UNSUITABLE BEARING MATERIAL SHALL BE REMOVED. A GEOTECHNICAL ENGINEER SHALL INSPECT THE EXCAVATED AREA TO ENSURE ALL MATERIALS REQUIRING REMOVAL HAVE BEEN REMOVED AND TO VERIFY THE SOIL BEARING CAPACITY USED FOR DESIGN PRIOR TO CONCRETE PLACEMENT.

5.4 EMBEDMENT DEPTH FROM EXTERIOR GRADE TO BOTTOM OF FOOTING SHALL NOT BE LESS THAN 2'-6". DURING WINTER CONSTRUCTION ALL FOOTINGS SHALL BE CONSIDERED UNHEATED STRUCTURES UNLESS INDICATED OTHERWISE IN THE GEOTECHNICAL REPORT. BOTTOM OF FOOTING ELEVATION SHALL BE LOWERED AS REQUIRED TO MEET THIS MINIMUM.

5.5 BACKFILL SHALL BE PLACED AND COMPACTED AGAINST BOTH SIDES OF FOUNDATION WALLS SIMULTANEOUSLY.

5.6 MUD SLABS, FOOTINGS OR SLABS SHALL NOT BE PLACED ONTO OR AGAINST SUBGRADE CONTAINING FREE WATER, FROST OR ICE. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PREVENT ANY FROST OR ICE FROM PENETRATING ANY FOOTING OR SLAB SUBGRADE BEFORE AND AFTER PLACING CONCRETE UNTIL SUCH SUBGRADES ARE FULLY PROTECTED BY THE PERMANENT BUILDING STRUCTURE OR PROPER DEPTH OF BURY.

6 REINFORCED CONCRETE:
6.1 DESIGN CODE: BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (ACI 318), LATEST ADOPTION.

6.2 CONCRETE MIXES SHALL BE DESIGNED PER ACI 301 USING THE FOLLOWING:
- PORTLAND CEMENT CONFORMING TO ASTM C150 OR C595
- AGGREGATE CONFORMING TO ASTM C33.
- ADMIXTURES CONFORMING TO ASTM C494, C1017, AND C260. DO NOT USE CALCIUM CHLORIDE OR ADMIXTURES CONTAINING CALCIUM CHLORIDE.
- CONCRETE SHALL BE READY-MIXED IN ACCORDANCE WITH ASTM C94.

6.3 MATERIAL STRENGTHS:

6.3.1 PROVIDE THE FOLLOWING CONCRETE PROPERTIES:

DESCRIPTION	COMPRESSIVE STRENGTH (f'c) AT 28 DAYS	MAX AGGREGATE SIZE	SLUMP[2]	MAX WATER TO CEMENT RATIOS (W/C)[3]
FOOTINGS	3000 PSI	1 ½"	4" ± 1"	0.57
FOUNDATION WALLS	4000 PSI	¾"	4" ± 1"	0.45
INTERIOR SLABS ON GRADE	4000 PSI	¾"	3" ± 1"	0.43
ANY CONCRETE SUBJECT TO FREEZE-THAW CYCLES (5% ENTRAINED AIR[1])	4500 PSI	¾"	4" ± 1"	0.45
ALL OTHER CONCRETE	4000 PSI	¾"	4" ± 1"	0.43

[1] TOLERANCE ON AIR CONTENT AS DELIVERED SHALL BE ± 1.5%.

[2] PRIOR TO ADDITION OF PLASTICIZER OR HIGH-RANGE WATER-REDUCER

[3] THESE W/C RATIOS MAY BE LOWER THAN NECESSARY TO PROVIDE THE SPECIFIED STRENGTHS.

6.3.2 REINFORCING STEEL:
- BARS, STIRRUPS AND TIES ..... ASTM A615, GR. 60
- WELDED WIRE FABRIC ..... ASTM A1064

6.4 PLACEMENT OF CONCRETE AND REINFORCEMENT SHALL BE IN ACCORDANCE WITH ACI AND CRSI STANDARDS.

6.5 PROVIDE 3/4" CHAMFER AT ALL EXPOSED CORNERS.

6.6 FURNISH THE FOLLOWING CONCRETE COVER ON REINFORCING BARS UNLESS SHOWN OTHERWISE ON DRAWINGS:
- SLABS ON GRADE ..... CENTER MESH OR BARS IN SLAB
- PIERS ..... 1 1/2" COVER ON TIES
- FOOTINGS ..... 3" COVER ON BOTTOM AND SIDES
- WALLS ..... CENTER REINFORCING IN ALL

6.7 ALL WELDED WIRE FABRIC SHALL BE TRANSPORTED AND DELIVERED IN FLAT SHEETS.

6.8 WELDING (INCLUDING TACKING) OF BARS OTHER THAN ASTM A706 SHALL NOT BE ALLOWED. WELDING OF ASTM A706 BARS SHALL CONFORM TO AWS D1.4.

6.9 MAINTAIN CONCRETE IN A CONTINUOUSLY DAMP AND WET CONDITION FOR NOT LESS THAN 7 DAYS AFTER PLACING. PROTECT FROM MOISTURE LOSS WITH SHEETING OR SPRAY-ON MEMBRANE MEETING ASTM C309 AND COMPATIBLE WITH FLOOR COVERINGS.

6.10 FINISHING REQUIREMENTS ARE AS FOLLOWS (REFER TO ACI 301):
- SMOOTH RUBBED FINISH ON EXPOSED FORM SURFACES.
- WOOD FLOAT FINISH ON SLABS TO RECEIVE TOPPING.
- STEEL TROWEL FINISH ON INTERIOR SLABS AND SLABS TO RECEIVE FINISH FLOORING.
- BROOM FINISH ON WALKS, STAIRS AND EXTERIOR CONCRETE PEDESTRIAN PAVING.
- NONSLIP FINISH SHALL BE APPLIED WITH ALUMINUM OXIDE TYPE SURFACE TREATMENT.

6.11 DO NOT FIELD BEND BARS PARTIALLY EMBEDDED IN HARDENED CONCRETE UNLESS SPECIFICALLY INDICATED OR ACCEPTED BY THE ENGINEER.

6.12 PROVIDE CORNER BARS EQUAL IN SIZE AND SPACING TO WALL HORIZONTAL REINFORCEMENT UNLESS OTHERWISE DETAILED.

6.13 IN SLABS PROVIDE (2) #4x4'-0" DIAGONAL BARS AT 45 DEGREES AT ALL CORNERS OF OPENINGS AND RE-ENTRANT CORNERS.

6.14 AT WALL OPENINGS, PROVIDE (2) #4 BARS ON ALL SIDES EXTENDING 2'-0" BEYOND THE OPENING AND (2) #4x4'-0" DIAGONAL BARS AT 45 DEGREES AT ALL CORNERS.

6.15 COLD WEATHER CONCRETING SHALL FOLLOW PROCEDURES IN ACI 306.

6.16 HOT WEATHER CONCRETING SHALL FOLLOW PROCEDURES IN ACI 305.

6.17 PROVIDE 32 BAR DIAMETER LAP LENGTHS FOR WALL FOOTINGS UNLESS NOTED OTHERWISE. FOR OTHER LAP LENGTHS PROVIDE CLASS B LAP SPLICES IN ACCORDANCE WITH ACI 318.

6.18 BAR SUPPORTS AND HOLDING BARS SHALL BE PROVIDED FOR ALL REINFORCING STEEL TO ENSURE COMPLIANCE WITH MINIMUM CONCRETE COVER. BAR SUPPORTS SHALL BE PLASTIC, PLASTIC TIPPED, EPOXY COATED OR STAINLESS STEEL FOR UNCOATED STEEL. BAR SUPPORTS FOR COATED STEEL SHALL BE PLASTIC, PLASTIC COATED OR EPOXY COATED.

6.19 PLACE CONCRETE SLABS IN ALTERNATING STRIPS PER ACI 302.1. REFER TO CONSTRUCTION JOINT DETAILS IN DRAWINGS.

6.20 FORMWORK SHALL REMAIN IN PLACE UNTIL CONCRETE HAS ATTAINED A MINIMUM COMPRESSIVE STRENGTH OF 3,000 PSI, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. THE CONTRACTOR SHALL PROVIDE ALL SHORING.

6.21 VERTICAL WALL CONSTRUCTION JOINTS SHALL BE FORMED WITH VERTICAL BULKHEADS AND KEYWAYS. WALL REINFORCING SHALL BE CONTINUOUS THROUGH THE JOINT OR SHALL BE DOWELED WITH AN EQUIVALENT AREA OF REINFORCEMENT UNLESS NOTED OTHERWISE.

6.22 SPECIAL ADDITIONAL REQUIREMENTS FOR SLABS ON GRADE:

6.22.1 DESIGN STANDARD: GUIDE FOR CONCRETE FLOOR AND SLAB CONSTRUCTION (ACI 302.1)

6.22.2 REFER TO GEOTECHNICAL REPORT FOR VAPOR BARRIER, ENGINEERED FILL AND SUBGRADE COMPACTION REQUIREMENTS.

6.22.3 LAP ADJOINING WELDED WIRE FABRIC AT LEAST TWO FULL MESHES.

6.22.4 WALKWAYS AND OTHER EXTERIOR SLABS, IF SHOWN ON THE STRUCTURAL DRAWINGS, ARE FOR INFORMATION ONLY. WALKS SHALL BE REINFORCED WITH A MINIMUM OF 6x6 – W1.4xW1.4 WELDED WIRE FABRIC UNLESS OTHERWISE NOTED. SEE THE SITE PLAN, CIVIL DRAWINGS AND ARCHITECTURAL DRAWINGS FOR LOCATIONS, DIMENSIONS, ELEVATIONS, JOINTING DETAILS AND FINISH DETAILS.

6.22.5 SEE THE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF DEPRESSED SLAB AREAS AND DRAINS. SLOPE SLAB TO DRAINS WHERE SHOWN.

6.22.6 FINISH TOLERANCE OF ALL SLABS SHALL BE IN ACCORDANCE WITH ACI 302.1 R.

7 MASONRY:
7.1 DESIGN CODE: BUILDING CODE REQUIREMENTS FOR CONCRETE MASONRY STRUCTURES (TMS 402/602) AND SPECIFICATIONS FOR MASONRY STRUCTURES (TMS 402/602), LATEST ADOPTION.

7.2 MATERIAL STRENGTHS:
- CONCRETE UNIT MASONRY ..... ASTM C90, f'm=1500 PSI
- NORMAL WEIGHT DENSITY CLASSIFICATION
- MORTAR ..... ASTM C270
- LOAD BEARING AND/OR BELOW GRADE ..... TYPE M OR S
- ALL OTHER ..... TYPE N
- COREFILL CONCRETE GROUT ..... ASTM C476, f'c=2000 PSI
- 8-10" SLUMP
- 3/8" MAX. AGGREGATE
- REINFORCING STEEL ..... ASTM A615, GRADE 60

7.3 GROUT SOLID ALL BELOW GRADE MASONRY, CORES WITH VERTICAL REINFORCING, BOND BEAMS AND LINTELS.

7.4 VERTICAL CELLS TO BE FILLED WITH GROUT SHALL BE ALIGNED TO PROVIDE A CONTINUOUS, UNOBSTRUCTED OPENING. CELLS WHICH CONTAIN VERTICAL REINFORCEMENT SHALL HAVE A MINIMUM 2" CLEAR OPENING. ALL REINFORCING BARS SHALL BE PLACED TO PROVIDE MASONRY COVERAGE OF NOT LESS THAN 2 1/2". THE MINIMUM DISTANCE BETWEEN PARALLEL REINFORCING BARS, EXCEPT IN COLUMNS, SHALL BE EQUAL TO THE NOMINAL DIAMETER OF THE BAR OR 1", WHICHEVER IS GREATER.

7.5 USE WIRE POSITIONERS FOR SECURING REINFORCEMENT IN POSITION.

7.6 THE USE OF MASONRY CEMENT IS STRICTLY PROHIBITED. ALL MORTAR SHALL MEET THE "PROPORTION SPECIFICATION" OF ASTM C270 AND SHALL BE MADE WITH PORTLAND CEMENT/LIME (NON AIR-ENTRAINED).

7.7 UNLESS OTHERWISE INDICATED, ALL WALLS SHALL BE LAID UP IN RUNNING BOND. "TOOTH" BOND CORNERS AND INTERSECTIONS OF LOAD-BEARING WALLS.

7.8 PROVIDE VERTICAL REINFORCING BARS OF THE GIVEN SIZE AND SPACING AS INDICATED. PROVIDE BARS AT ALL WALL CORNERS, INTERSECTIONS, OPENING EDGES AND EACH SIDE OF CONTROL JOINTS.

7.9 HOLLOW UNITS SHALL BE LAID WITH FULL MORTAR COVERAGE ON HORIZONTAL AND VERTICAL FACE SHELLS. WEBS SHALL ALSO BE BEDDED, WHERE THEY ARE ADJACENT TO CELLS TO BE REINFORCED OR FILLED WITH GROUT, IN THE STARTING COURSE ON FOOTINGS AND SOLID FOUNDATION WALLS AND IN NON-REINFORCED OR GROUTED PIERS, PILASTERS OR COLUMNS.

7.10 PROVIDE 9 GA. GALV. "DUR-O-WALL" LADDER-TYPE HORIZONTAL JOINT REINFORCEMENT (OR ACCEPTED ALTERNATE) EVERY SECOND COURSE (16" OC) MAXIMUM.

8 POST-INSTALLED FASTENING:
8.1 POST-INSTALLED SYSTEMS ARE BASED ON THE FOLLOWING (UNLESS NOTED OTHERWISE):

DESCRIPTION	ANCHOR/ADHESIVE[1]	APPLICATIONS
ADHESIVES	HILTI HIT-HY 200	CONCRETE
EXPANSION ANCHOR	HILTI KWIK BOLT 3 (TZ)	---
SCREW ANCHOR	HILTI HUS-EZ	---

[1] SUBSTITUTIONS WILL BE CONSIDERED PROVIDED THE CONTRACTOR SUPPLIES DOCUMENTATION OF EQUAL OR GREATER CAPACITY BASED ON ANCHOR SIZE, EMBEDMENT DEPTH, SPACING AND EDGE DISTANCE.

8.1.1 POST-INSTALLED ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS.

9 STRUCTURAL STEEL:
9.1 DESIGN CODE: SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS (AISC 360), LATEST ADOPTION.

9.2 MATERIAL SPECIFICATIONS (UNLESS NOTED OTHERWISE):
- STRUCTURAL STEEL ROLLED SHAPES, PLATES & BARS ..... ASTM A36
- HOLLOW STRUCTURAL SECTIONS ..... ASTM A500, GR B
- CONNECTION BOLTS ..... ASTM A325
- THREADED RODS ..... ASTM A36
- ANCHOR RODS ..... ASTM F1554, GR 36
- WELDS (E70XX ELECTRODES) ..... AWS D1.1
- NON-SHRINK GROUT (7,000 PSI) ..... ASTM C1107, GR. A

9.3 ALL STRUCTURAL STEEL SHALL BE FABRICATED AND ERECTED ACCORDING TO THE SPECIFICATIONS OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC), LATEST ADOPTION. PROVISION 4.4 AND APPENDIX A OF THE AISC CODE OF STANDARD PRACTICE ARE SPECIFICALLY DELETED FROM THE PROJECT CONTRACT DOCUMENTS. THE FABRICATOR SHALL PROVIDE IT'S SCHEDULE FOR THE SUBMITTAL OF SHOP AND ERECTION DRAWINGS A MINIMUM OF 14 DAYS PRIOR TO FIRST SUBMITTAL.

9.4 ALL COLUMNS, ANCHOR BOLTS, BASE PLATES, ETC. HAVE BEEN DESIGNED FOR THE FINAL COMPLETED CONDITION AND HAVE NOT BEEN INVESTIGATED FOR POTENTIAL LOADINGS ENCOUNTERED DURING STEEL ERECTION AND CONSTRUCTION. CONFORMANCE TO OR DEVIATION FROM ALLOWABLE CAPACITIES DURING ERECTION IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR (SEE GENERAL NOTES).

9.5 BEAMS SHALL BE FABRICATED AND ERECTED FOR PLACEMENT WITH THE NATURAL CAMBER UP.

9.6 ALL WELDING SHALL BE PERFORMED IN ACCORDANCE WITH AWS D1.1. UNLESS OTHERWISE NOTED, PROVIDE CONTINUOUS FILLET WELDS PER AISC REQUIREMENTS MEETING MINIMUM THICKNESSES ALLOWED PER THICKNESS OF MATERIAL WELDED. ALL FILLER MATERIAL SHALL HAVE A MINIMUM YIELD STRENGTH OF 58 KSI.

9.7 STRUCTURAL STEEL PERMANENTLY EXPOSED TO VIEW SHALL BE SHOP-PRIMED WITH ONE COAT OF SSPC 15-68, TYPE 1 (RED OXIDE) PAINT. DAMAGE DURING TRANSPORTING, ERECTING AND FIELD WELDING PROCESSES SHALL BE REPAIRED TO MATCH THE SHOP APPLIED COATING. STRUCTURAL STEEL PERMANENTLY EXPOSED TO WEATHER INCLUDING BRICK SHELF ANGLES AND ALL OTHER EXTERIOR WALL LINTELS SHALL BE HOT-DIPPED GALVANIZED IN ACCORDANCE WITH ASTM A123. PROVIDE VENT HOLES FOR GALVANIZING AS REQUIRED. SEAL ALL VENT HOLES AFTER GALVANIZING.REPAIR OF GALVANIZED SURFACES SHALL BE PERFORMED WITH A MINIMUM OF 2 COATS OF COLD-GALVANIZING PRODUCT.

10 WOOD:
10.1 DESIGN CODE: NATIONAL DESIGN SPECIFICATION (NDS) FOR WOOD CONSTRUCTION (AF&PA), LATEST ADOPTION.

10.2 MATERIALS (FOLLOWING INDICATE MINIMUM GRADES UNO ON DRAWINGS):

DESCRIPTION		SPECIES & GRADE		DESIGN VALUES (PSI)				COMMENTS
				Fb	Fc⊥	Fcǁ	E (x10⁶)	
FRAMING LUMBER	Dimensional Lumber (2"-4")	SPRUCE-PINE-FIR	NO. 2	875	425	1150	1.4	
	Timbers (5"x5" and larger)	SPRUCE-PINE-FIR	NO. 2	500	425	500	1.0	
STUD BEARING WALLS (STUDS)		SPRUCE-PINE-FIR	NO. 2	875	425	1150	1.4	
LAMINATED VENEER LUMBER (LVL)		1.9E		2600	750	2510	1.9	
LUMBER (PSL)		2.0E		2900	750	2900	2	
BOTTOM PLATES AT FOUNDATION WALLS (IN CONTACT WITH CONCRETE)		SOUTHERN-PINE	NO. 2	1000	565	1400	1.4	PRESSURE PRESERVATIVE TREATED

10.2.1 ROOF DECK: 3/4" (NOMINAL) EXTERIOR GRADE APA RATED PLYWOOD, FACE GRAIN ACROSS SUPPORTS, JOINTS TO BE STAGGERED WITH PLYWOOD ROOF SHEATHING CLIPS AT 24" OC. GLUE AND NAIL WITH 8d NAILS AT 6" OC AT ALL EDGES, INTERMEDIATE FRAMING TO BE NAILED WITH 8d NAILS AT 12" OC.

10.2.2 WALL SHEATHING: 1/2" (NOMINAL) EXTERIOR GRADE APA RATED PLYWOOD (OSB) UNO, HORIZONTAL JOINTS TO BE STAGGERED OR BLOCKED. NAIL WITH 8d NAILS AT 6" OC AT ALL EDGES, INTERMEDIATE FRAMING TO BE NAILED WITH 8d NAILS AT 12" OC, UNO AT SHEAR WALL LOCATIONS. SEE SHEAR WALL SCHEDULE FOR ADDITIONAL INFORMATION.

10.2.3 BUILT UP STUDS, HEADERS, BEAMS, COLUMNS, AND OTHER MEMBERS TO BE CONNECTED PER IBC FASTENING SCHEDULE (UNO ON DRAWINGS)

10.3 WALL STUDS SHALL BE CONSTRUCTED IN TIGHT CONTACT WITH TOP PLATES, HEADERS, AND BOTTOM PLATES.

10.4 SPLICES IN AXIALLY LOADED STUDS ARE NOT PERMITTED. ALL NAILS TO BE FULLY DRIVEN WITH HEAD FLUSH TO SURFACE. NEITHER UNDER-DRIVE NOR OVER-DRIVE NAILS UNO.

10.5 PROVIDE POSTS AT EACH LEVEL BELOW POSTS ABOVE, MATCH POST SIZE ABOVE, UNLESS NOTED OTHERWISE.

10.6 WHERE LINTELS (HEADERS) FRAME INTO STUD WALLS, PROVIDE DOUBLE STUDS BELOW BEARING FOR 1 AND 2-MEMBER LINTELS UNO. PROVIDE A MINIMUM OF 2 FULL HEIGHT STUDS ADJACENT TO BEARING STUDS, UNLESS NOTED ON DRAWINGS.

10.7 DO NOT CUT CHORD OR WEB MEMBERS OF TRUSSES OR PRE-FABRICATED JOISTS. IF THERE IS INTERFERENCE, NOTIFY THE ENGINEER FOR DIRECTION. CUTTING OF PRE-FABRICATED JOISTS MUST COMPLY WITH MANUFACTURER'S RECOMMENDATIONS.

10.8 SILL PLATES IN CONTACT WITH CONCRETE OR MASONRY SHALL BE PRESSURE PRESERVATIVE TREATED.

10.9 ALL LUMBER CONNECTORS TO BE SUPPLIED BY USP OR SIMPSON STRONG-TIE. WHERE LUMBER CONNECTORS ARE TO BE USED BUT ARE NOT CALLED OUT IN THESE DRAWINGS THEY ARE TO BE DESIGNED AND SUPPLIED BY USP OR SIMPSON STRONG-TIE FOR THE REACTION SHOWN ON THESE DRAWINGS. WHEN USING STEEL LUMBER CONNECTORS FILL ALL NAIL HOLES TO ACHIEVE PUBLISHED VALUE. WHERE MORE STRINGENT, THESE DRAWINGS SUPERSEDE DIRECTIONS IN PRODUCT CATALOG BUT REFER TO PRODUCT CATALOG FOR TYPICAL INSTALLATION INSTRUCTIONS.

11 WOOD TRUSSES:
11.1 DESIGN, FABRICATION AND CONSTRUCTION OF PRE-ENGINEERED WOOD TRUSSES SHALL CONFORM TO THE LATEST ADOPTION NDS OF AF&PA AND THE NATIONAL DESIGN STANDARD FOR METAL PLATE CONNECTED WOOD TRUSS CONSTRUCTION (ANSI/TPI 1, LATEST EDITION) OF THE TPI.

11.2 TRUSS DEPTHS AND PROFILES ARE SHOWN IN THE PLANS. MATERIALS AND DESIGN ARE PER MANUFACTURER FOR LOADS INDICATED. LIVE LOAD DEFLECTION OF OVERALL MEMBER SHALL BE LIMITED TO A MAXIMUM OF L/480. LIVE LOAD DEFLECTION OF TOP CHORD SHALL BE LIMITED TO A MAXIMUM OF L/480 BETWEEN PANEL POINTS. INSTALLATION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S STANDARD SPECIFICATIONS, COMPLETE WITH BRACING CONNECTIONS INCLUDING TRUSS HANGERS AND UPLIFT ANCHORS, AND ALL OTHER NECESSARY ACCESSORIES FOR COMPLETE INSTALLATION.

11.3 CONNECTOR PLATES SHALL BE NOT LESS THAN 0.036 INCHES (20 GAUGE) IN UNCOATED THICKNESS, SHALL MEET OR EXCEED ASTM GRADE A OR HIGHER AND SHALL BE HOT DIPPED GALVANIZED ACCORDING TO ASTM A653 (COATING G60). MINIMUM STEEL YIELD STRESS SHALL BE 33,000 PSI.

11.4 TRUSSES SHALL BE FABRICATED IN A PROPERLY EQUIPPED MANUFACTURING FACILITY. TRUSSES SHALL BE MANUFACTURED BY EXPERIENCED WORKERS, USING PRECISION CUTTING, JIGGING AND PRESSING EQUIPMENT UNDER THE REQUIREMENTS IN THE ANSI/TPI 1.

11.5 WOOD TRUSSES SHALL BE ERECTED IN ACCORDANCE WITH THE TRUSS MANUFACTURER'S REQUIREMENTS. THIS WORK SHALL BE DONE BY A QUALIFIED AND EXPERIENCED CONTRACTOR.

11.6 THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY AND PERMANENT BRACING AS REQUIRED FOR SAFE ERECTION AND PERFORMANCE OF THE TRUSSES. THE GUIDELINES SET FORTH BY THE TPI PUBLICATION "BUILDING COMPONENT SAFETY INFORMATION, BCSI 2006: GUIDE TO GOOD PRACTICE FOR HANDLING, INSTALLING, RESTRAINING & BRACING OF METAL PLATE CONNECTED WOOD TRUSSES" SHALL BE A MINIMUM REQUIREMENT.

11.7 TRUSS MEMBERS AND COMPONENTS SHALL NOT BE CUT, NOTCHED, DRILLED NOR OTHERWISE ALTERED IN ANY WAY WITHOUT THE WRITTEN APPROVAL OF THE TRUSS SUPPLIER'S STRUCTURAL ENGINEER.

11.8 TRUSSES SHALL BE PERMANENTLY BRACED PER WTCA COMMENTARY FOR PERMANENT BRACING OF METAL PLATE CONNECTED WOOD TRUSSES. TEMPORARY BRACING (IF REQUIRED) IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE PER DSB-89 AND HIB-91 AS A MINIMUM.

11.9 COORDINATE MECHANICAL EQUIPMENT LOADS AND LOCATIONS WITH MECHANICAL/ARCHITECTURAL DRAWINGS AND MECHANICAL CONTRACTOR.

12 SUBMITTALS:
12.1 GENERAL SUBMITTAL REQUIREMENTS

12.1.1 CONTRACTOR SHALL REVIEW, STAMP, SIGN AND DATE ALL SUBMITTALS PRIOR TO FORWARDING TO ARCHITECT/ENGINEER. THE ENGINEER'S REVIEW IS FOR CONFORMANCE WITH THE DESIGN CONCEPT AND GENERAL COMPLIANCE WITH THE RELEVANT CONTRACT DOCUMENTS. THE ENGINEER'S REVIEW DOES NOT RELIEVE THE CONTRACTOR OF THE SOLE RESPONSIBILITY TO REVIEW, CHECK AND COORDINATE THE SUBMITTALS THE CONTRACTOR REMAINS SOLELY RESPONSIBLE FOR ERRORS AND OMISSIONS IN THE SUBMITTALS.

12.1.2 SHOP DRAWINGS SHALL BE IN THE FORM OF BLACK-LINE PRINTS OR PORTABLE DOCUMENT FORMAT (PDF) FOR REVIEW. DRAWINGS LISTED BELOW AS "CERTIFIED" SHALL BEAR THE SIGNED AND DATED SEAL OF A PROFESSIONAL ENGINEER REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED. IN NO CASE SHALL REPRODUCTIONS OF THE CONTRACT DRAWINGS BE USED AS SHOP DRAWINGS. DRAWINGS SHALL SHOW ERECTION PLANS, DIMENSIONS, BRACING AND BRIDGING REQUIREMENTS, DETAILS, SUPPORTED MECHANICAL EQUIPMENT AND PIPING. SUBMITTALS ARE REQUIRED.

12.1.3 SHOP DRAWINGS AND CALCULATIONS SHALL BE SUBMITTED PRIOR TO FABRICATION

12.2 STRUCTURAL STEEL:

12.2.1 SHOP DRAWINGS

12.3 CONCRETE:

12.3.1 CONCRETE MIX DESIGN(S) SHALL BE SUBMITTED TO ENGINEER FOR REVIEW.

12.3.2 REINFORCING STEEL SHOP DRAWINGS.

12.4 STRUCTURAL STEEL:

12.4.1 CERTIFIED SHOP DRAWINGS

12.5 WOOD:

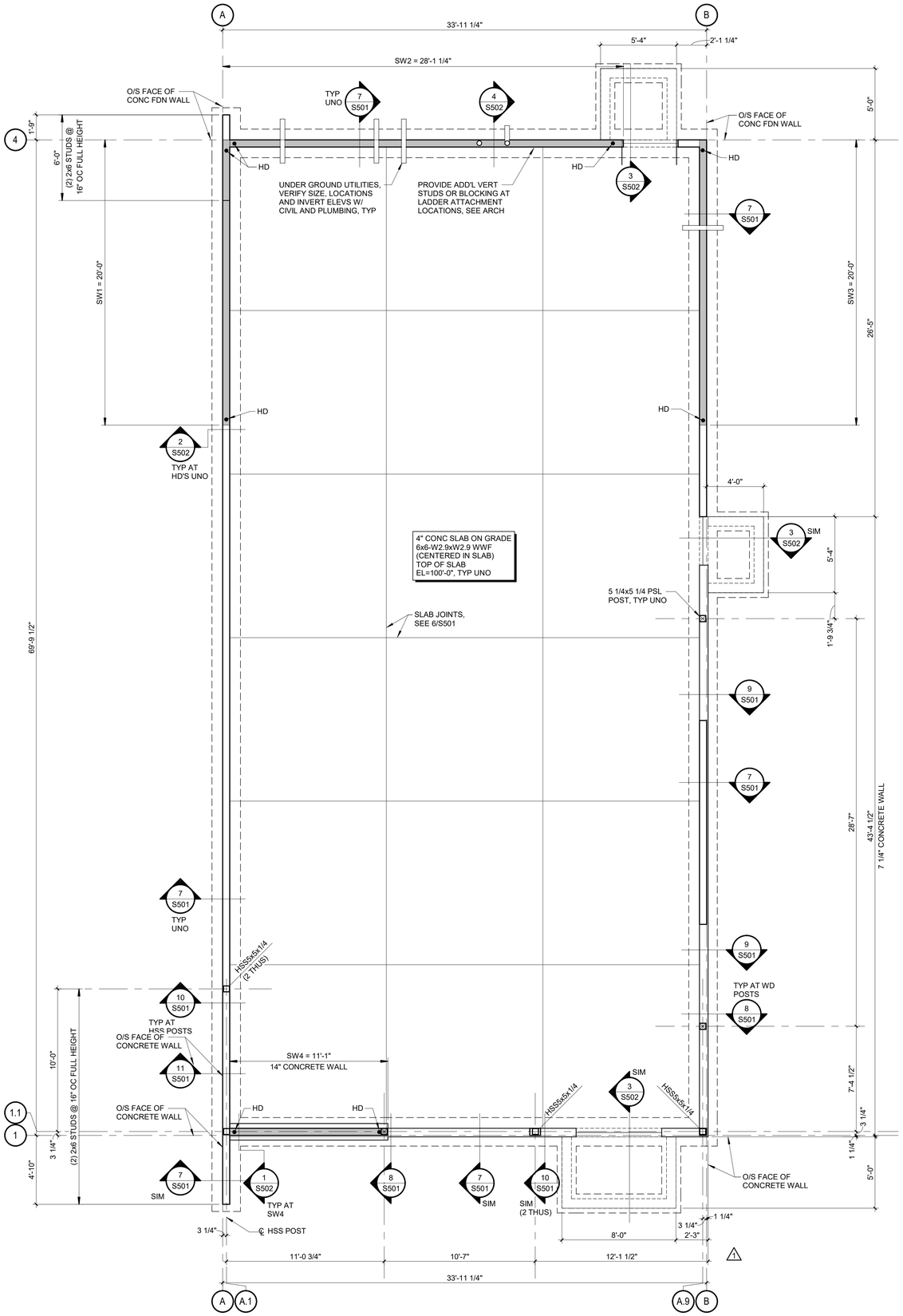
12.5.1 CERTIFIED PRE-MANUFACTURED WOOD TRUSS SHOP DRAWINGS AND CALCULATIONS. SHOP DRAWINGS SHOULD BE SEALED BY ENGINEER IN CHARGE OF DESIGN.

12.5.1.1 CALCULATIONS SHALL INCLUDE MEMBER SIZES, SPECIES, GRADE AND MOISTURE CONTENT.

13 SPECIAL INSPECTION:
13.1 SPECIAL INSPECTION IS REQUIRED IN ACCORDANCE WITH IBC SECTION 1701 THE FOLLOWING PORTIONS OF CONSTRUCTION:

13.1.1 SOILS:

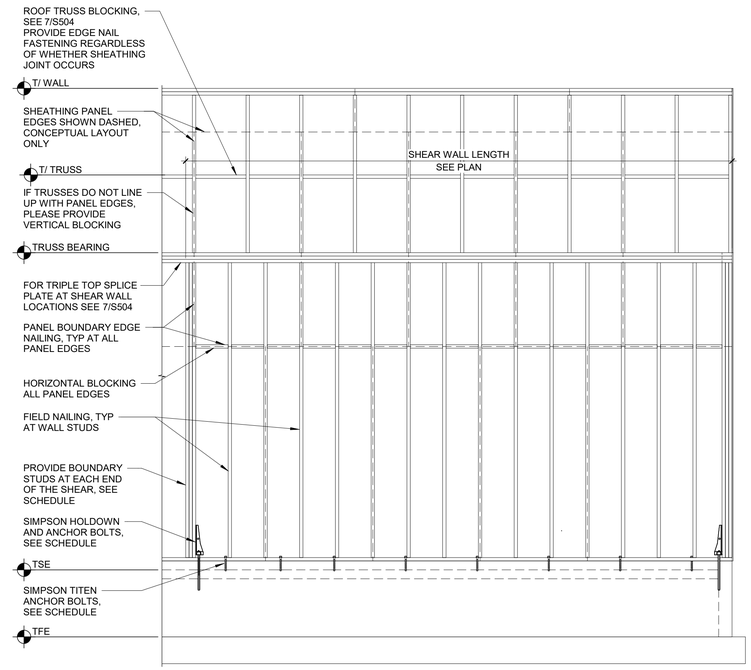
13.



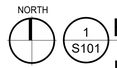
SHEAR WALL SCHEDULE

MARK	HOLDOWN (HD)	ANCHOR BOLTS	EDGE NAILS	FIELD NAILS
SW1	DTT2Z-SDS2.5	1/2" DIA @ 32"OC	8d @ 6" OC	8d @ 12" OC
SW2	DTT2Z-SDS2.5	1/2" DIA @ 32"OC	8d @ 6" OC	8d @ 12" OC
SW3	DTT2Z-SDS2.5	1/2" DIA @ 32"OC	8d @ 6" OC	8d @ 12" OC
SW4	HDU11-SDS2.5	1/2" DIA @ 12"OC	8d @ 3" OC	8d @ 12" OC

NOTES:
1. FOR TYPICAL SHEAR WALL LAYOUT INFORMATION SEE 2/S101.
2. ALL HOLDOWNS INDICATED ARE MANUFACTURED BY SIMPSON. INSTALL PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
3. FOR TYPICAL HOLDOWN DETAIL SEE 2/S502.
4. PROVIDE BOUNDARY STUDS AT EACH END OF THE SHEAR WALL AT HOLDOWN LOCATIONS OF THE SAME SIZE AND MATERIAL OF THE TYPICAL WALL FRAMING. REFER TO MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR THE NUMBER OF STUDS REQUIRED.
5. ALL SILL ANCHOR BOLTS TO BE 1/2" DIAx8" SIMPSON TITEN HD ANCHORS WITH 6" MIN EMBED INTO CONCRETE FOUNDATION WALL.
6. PROVIDE 1/2" NOMINAL APA EXTERIOR OSB WALL SHEATHING ON THE OUTSIDE FACE AT ALL SHEAR WALL LOCATIONS.
7. ALL PANEL EDGES SHALL BE LOCATED ON STUDS, HORIZONTAL BLOCKING, OR TOP/BOTTOM PLATES.
8. FASTENER SUBSTITUTIONS ARE NOT PERMITTED, UNLESS APPROVED ENGINEER REVIEW IS COMPLETED AT CONTRACTOR'S EXPENSE.
9. FOR TRIPLE TOP SPLICE PLATE AT SHEAR WALL LOCATIONS SEE 7/S504.



2 S101 SHEAR WALL ELEVATION
3/8" = 1'-0"



1 S101 FOUNDATION PLAN
1/4" = 1'-0"

PLAN NOTES:

1. FOR GENERAL STRUCTURAL NOTES SEE SHEET S001.
2. TOP OF FOOTING ELEVATION (TFE) = 97'-0" TYP AT EXTERIOR UNO.
4. 'Fx' ON PLAN DENOTES COLUMN FOOTING, SEE SCHEDULE ON THIS SHEET.
5. S— —S DENOTES STEPPED FOOTING, SEE TYPICAL STEPPED FOOTING DETAIL 3/S501. VERIFY FOOTING LOCATIONS W/ FINAL CIVIL TO ENSURE PROPER FROST PROTECTION.
7. FOR TYPICAL BAR BENDING IN REINFORCED CONCRETE SEE 1/S501
8. FOR TYPICAL CORNER REINFORCING IN FOOTINGS SEE 2/S501
9. FOR UTILITIES RUNNING PARALLEL TO FOUNDATIONS SEE 4/S501
10. FOR UTILITIES RUNNING PERPENDICULAR TO FOUNDATIONS SEE 5/S501
11. 'SWx' ON PLAN DENOTES SHEAR WALL TYPE, SEE SCHEDULE ON THIS SHEET.
12. ▨ INDICATES EXTENTS OF PLYWOOD SHEAR WALL.
13. 'HD' ON PLAN DENOTES SHEAR WALL HOLDOWN ANCHOR, SEE SCHEDULE ON THIS SHEET.
14. FOR ELECTRICAL GROUNDING, SEE 12/S501. VERIFY LOCATION WITH ELECTRICAL CONTRACTOR.
15. FOR TRASH ENCLOSURE STRUCTURAL PLAN AND DETAILS, SEE SHEET S102. FOR PLAN LOCATION AND ORIENTATION, SEE ARCH AND CIVIL.
16. FOR SITE LIGHT POLE BASE DETAIL, SEE 4/S102

© COPYRIGHT WILKUS ARCHITECTS

CONSULTANT
VAA
VAA, LLC
2300 Berkshire Lane N, Suite 200
Plymouth, MN 55441
763.559.9100
www.vaaeng.com

CLIENT:
CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

PROJECT INFORMATION

"146th & HAZEL DELL PKWY" SHELL BUILDING

TBD 146th & HAZEL DELL PARKWAY
CLAY TOWNSHIP, IN 46033

SEAL

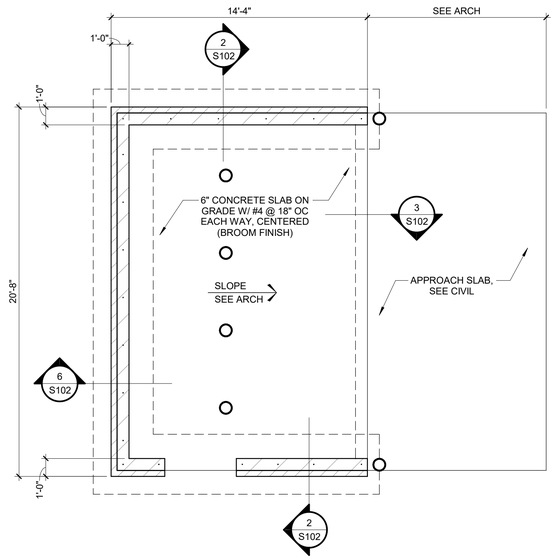
PROJECT NO.	231004
DRAWN BY	JWO
CHECKED BY	TJM/EAS/MSN

ISSUE	DATE
PERMIT SET	04.26.24
CONSTRUCTION / BID	07.01.24

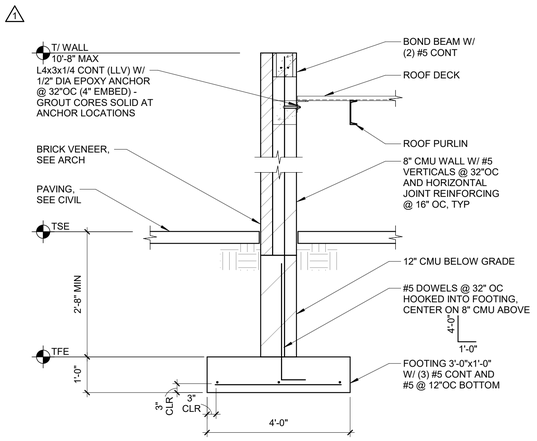
△ REVISION	DATE
1 REVISION 01	06.10.24

TITLE:
FOUNDATION PLAN

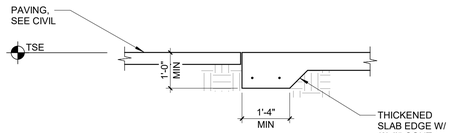
SHEET NUMBER:
S101



1 S102 TRASH ENCLOSURE FOUNDATION PLAN
1/4" = 1'-0"

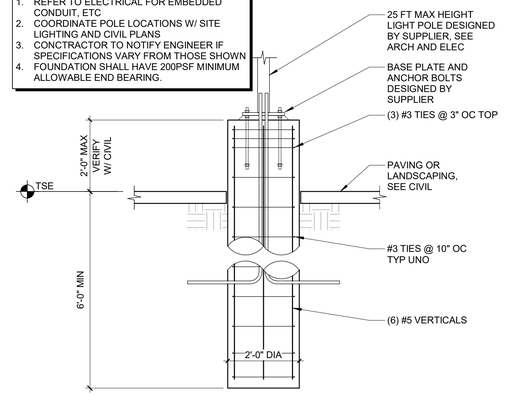


2 S102 TRASH ENCLOSURE WALL DETAIL
1/2" = 1'-0"



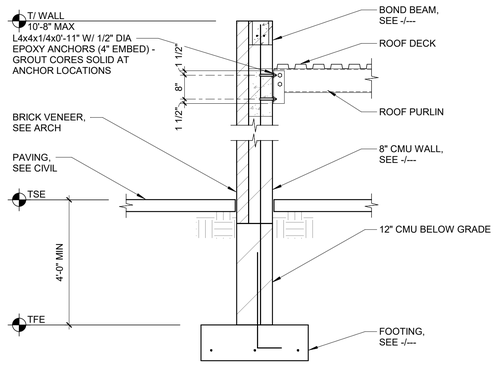
3 S102 TRASH ENCLOSURE WALL DETAIL
1/2" = 1'-0"

NOTES:
1. REFER TO ELECTRICAL FOR EMBEDDED CONDUIT, ETC
2. COORDINATE POLE LOCATIONS W/ SITE LIGHTING AND CIVIL PLANS
3. CONCTRACTOR TO NOTIFY ENGINEER IF SPECIFICATIONS VARY FROM THOSE SHOWN
4. FOUNDATION SHALL HAVE 200PSF MINIMUM ALLOWABLE END BEARING.

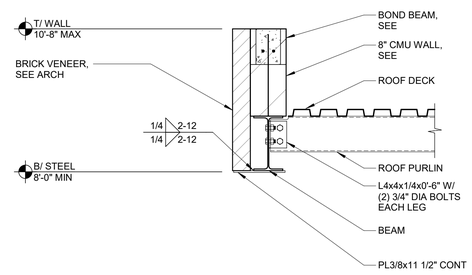


4 S102 SITE LIGHT POLE BASE
1/2" = 1'-0"

5 S102 TRASH ENCLOSURE FRAMING PLAN
1/4" = 1'-0"



6 S102 TRASH ENCLOSURE WALL DETAIL
1/2" = 1'-0"



7 S102 TRASH ENCLOSURE WALL DETAIL
3/4" = 1'-0"

© COPYRIGHT WILKUS ARCHITECTS

CONSULTANT
VAA
VAA, LLC
2300 Berkshire Lane N, Suite 200
Plymouth, MN 55441
763.559.9100
www.vaaeng.com

CLIENT:
CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 315-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

PROJECT INFORMATION

"146th & HAZEL DELL PKWY" SHELL BUILDING

TBD 146th & HAZEL DELL PARKWAY
CLAY TOWNSHIP, IN 46033

SEAL

MARK D. MIELKE REGISTERED NO 10910529 STATE OF INDIANA PROFESSIONAL ENGINEER
07.02.24

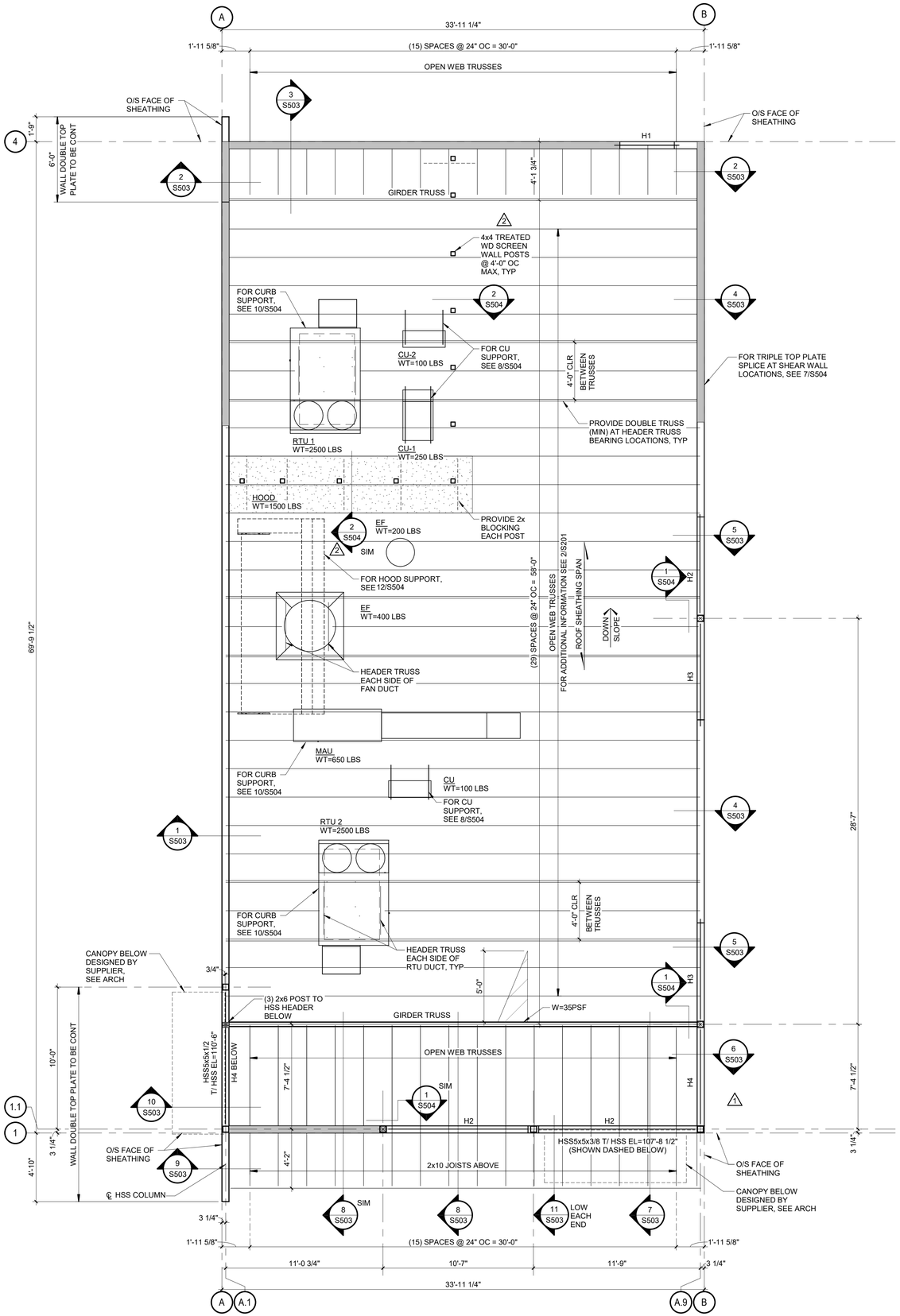
PROJECT NO.	231004
DRAWN BY	JWO
CHECKED BY	TJM/EAS/MSN

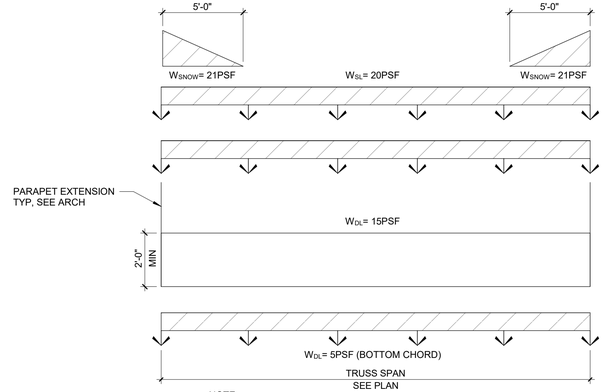
ISSUE	DATE
PERMIT SET	04.26.24
CONSTRUCTION / BID	07.01.24

	REVISION	DATE
1	REVISION 01	06.10.24

TITLE:
STRUCTURAL SITE DETAILS

SHEET NUMBER:
S102





NOTE:
1. FOR ROOF TOP MECHANICAL UNITS (RTU) LOADS, SEE PLAN.
2. TRUSS DESIGN TO INCLUDE PIPING LARGER THAN 4" DIAMETER AND EQUIPMENT HEAVIER THAN 200 LBS. COORDINATE WITH ALL DISCIPLINES.
3. BOTTOM CHORD TO BE DESIGNED FOR A 250 LB LL AT ANY POINT ON THE TRUSS.

2/S201 ROOF TRUSS LOAD DIAGRAM

HEADER SCHEDULE				
MARK	HEADER SIZE	BEARING STUDS	FULL HEIGHT STUDS	COMMENTS
H1	(2) 2x8	(2) 2X6	(3) 2X6	
H2	(3) 1 3/4x9 1/2	N/A	N/A	
H3	(3) 1 3/4x9 1/2	(2) 2X6	(3) 2X6	
H4	(2) 2x10	N/A	N/A	

NOTES:
1. PROVIDE SIMPSON MGU5.5-SDS EACH END. ATTACH TO WOOD POST AND TO HSS POST WHERE OCCURS ATTACH PER MANUFACTURER'S INSTRUCTIONS.
2. SHIM SIMPSON HANGER TO HEADER AS REQUIRED.
3. FOR ADDITIONAL INFORMATION, SEE 5/S504.

NORTH

1/S201 ROOF FRAMING PLAN

1/4" = 1'-0"

PLAN NOTES:
1. FOR GENERAL STRUCTURAL NOTES SEE SHEET S001.
2. TRUSS BEARING ELEVATION AND TOP OF WALL EL=111'-10", TYP.
3. [ ] INDICATES PLYWOOD SHEAR WALL EXTENTS.
4. FOR TYPICAL DROP HEADER DETAIL, SEE 5/S504.
5. WHERE PIPE PENETRATES CONTINUOUS WALL TOP PLATE, SEE 6/S504.
6. FOR OPENINGS IN THE ROOF DECK LARGER THAN 8" SQUARE, SEE 10/S504.
7. FOR CONCENTRATED LOADS SUSPENDED FROM ROOF TRUSSES SEE 9/S504.

© COPYRIGHT WILKES ARCHITECTS

CONSULTANT

VAA
VAA, LLC
2300 Berkshire Lane N, Suite 200
Plymouth, MN 55441
763.559.9100
www.vaaeng.com

CLIENT:

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

PROJECT INFORMATION

"146th & HAZEL DELL PKWY" SHELL BUILDING

TBD 146th & HAZEL DELL PARKWAY
CLAY TOWNSHIP, IN 46033

SEAL

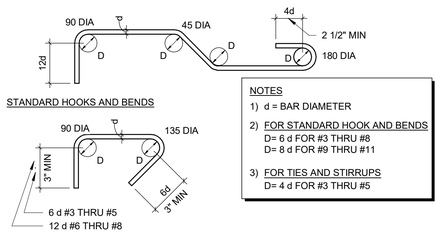
PROJECT NO.	231004
DRAWN BY	JWO
CHECKED BY	TJM/EAS/MSN

ISSUE	DATE
PERMIT SET	04.26.24
CONSTRUCTION / BID	07.01.24

REVISION	DATE
1 REVISION 01	06.10.24
2 Revision 3	06.12.24

TITLE:
ROOF FRAMING PLAN

SHEET NUMBER:
S201



NOTES

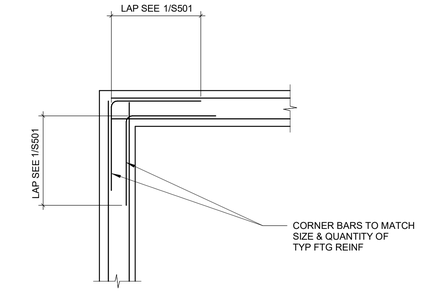
1) d = BAR DIAMETER

2) FOR STANDARD HOOK AND BENDS
D= 6 d FOR #3 THRU #8
D= 8 d FOR #9 THRU #11

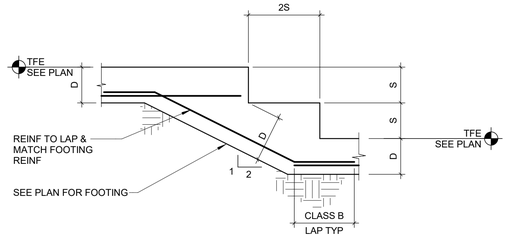
3) FOR TIES AND STIRRUPS
D= 4 d FOR #3 THRU #5

CLASS "B" LAP	
BAR SIZE	x
#3	22"
#4	30"
#5	36"
#6	44"
#7	66"
#8	74"
#9	84"

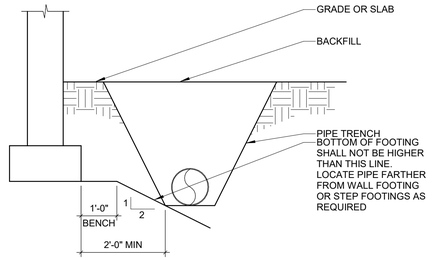
1 S501 TYPICAL BAR BENDING DETAIL
1/2" = 1'-0"



2 S501 TYP CORNER REINF DETAIL
1/2" = 1'-0"

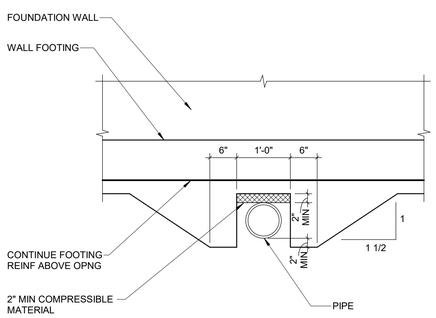


3 S501 TYP STEPPED FOOTING DETAIL
1/2" = 1'-0"



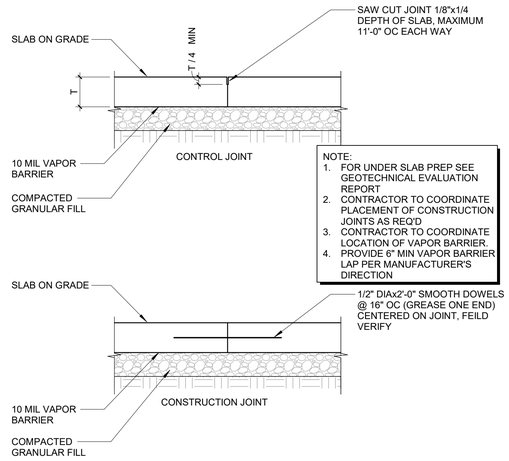
NOTE: CONTRACTOR SHALL BE RESPONSIBLE FOR SHORING, SHEATHING OR OTHERWISE MAINTAINING THE SIDES OF THE EXCAVATION FROM CAVE-IN UNTIL ALL BACKFILL IS COMPLETED

4 S501 TYP FTG PARALLEL TO PIPE
1/2" = 1'-0"



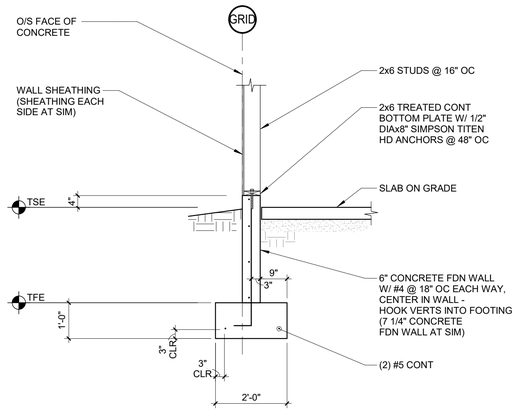
NOTES:
1. DETAIL APPLIES TO PIPES LESS THAN 3'-0" BELOW FOOTING. FOR PIPES MORE THAN 3'-0" BELOW FOOTING BUT LESS THAN 8'-0" PROVIDE LEAN CONCRETE FILL BELOW FOOTING DOWN TO PIPE INVERT ELEVATION.
2. PIPES DEEPER THAN 8'-0" BELOW FOOTING DO NOT REQUIRE LEAN CONCRETE FILL, PROVIDE TRENCH COMPACTED PER SPEC REQUIREMENTS.

5 S501 TYP FTG PERPENDICULAR TO PIPE
3/4" = 1'-0"

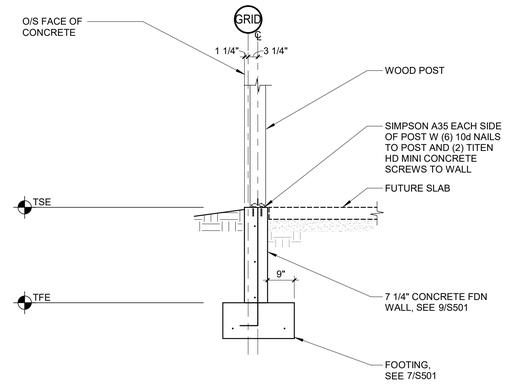


NOTE:
1. FOR UNDER SLAB PREP SEE GEOTECHNICAL EVALUATION REPORT
2. CONTRACTOR TO COORDINATE PLACEMENT OF CONSTRUCTION JOINTS AS REQ'D
3. CONTRACTOR TO COORDINATE LOCATION OF VAPOR BARRIER.
4. PROVIDE 6" MIN VAPOR BARRIER LAP PER MANUFACTURER'S DIRECTION

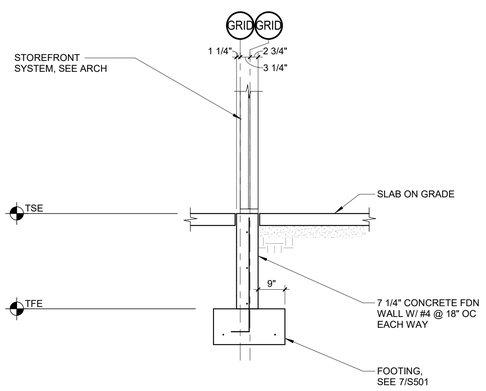
6 S501 INTERIOR SLAB JOINTS
1" = 1'-0"



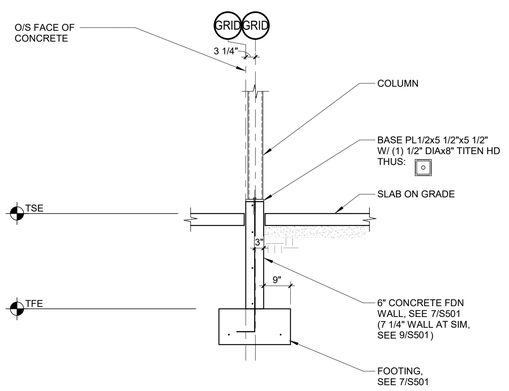
7 S501 FOUNDATION WALL DETAIL
1/2" = 1'-0"



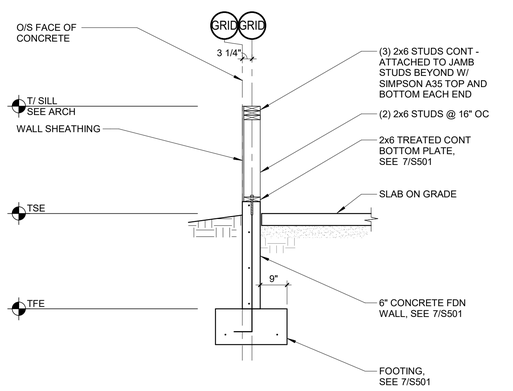
8 S501 FOUNDATION WALL DETAIL
1/2" = 1'-0"



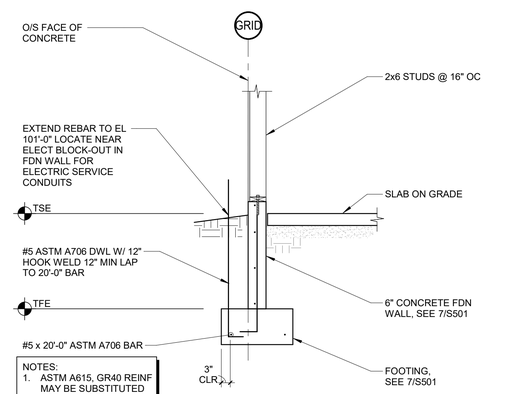
9 S501 FOUNDATION WALL DETAIL
1/2" = 1'-0"



10 S501 EXTERIOR POST DETAIL
1/2" = 1'-0"



11 S501 FOUNDATION WALL DETAIL
1/2" = 1'-0"



NOTES:
1. ASTM A615, GR40 REINF MAY BE SUBSTITUTED FOR A706 REINF
2. VERIFY LOCATION W/ TENANT ELECTRICAL

12 S501 ELECTRICAL GROUND DETAIL
1/2" = 1'-0"

© COPYRIGHT WILKES ARCHITECTS

CONSULTANT
VAA, LLC
2300 Berkshire Lane N, Suite 200
Plymouth, MN 55441
763.559.9100
www.vaaeng.com

CLIENT:
CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

PROJECT INFORMATION

"146th & HAZEL DELL PKWY" SHELL BUILDING

TBD 146th & HAZEL DELL PARKWAY
CLAY TOWNSHIP, IN 46033

SEAL

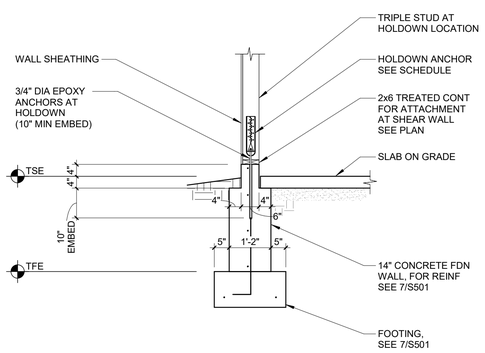
PROJECT NO.	231004
DRAWN BY	JWO
CHECKED BY	TJM/EAS/MSN

ISSUE	DATE
PERMIT SET	04.26.24
CONSTRUCTION / BID	07.01.24

REVISION	DATE

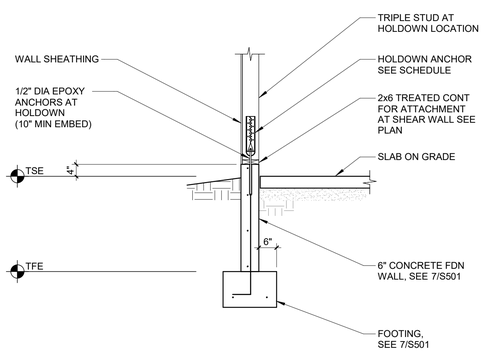
TITLE:
FOUNDATION DETAILS

SHEET NUMBER:
S501



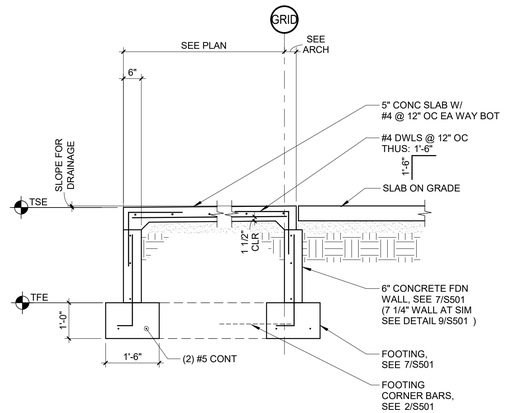
1 S502 HOLDOWN ANCHOR DETAIL

1/2" = 1'-0"



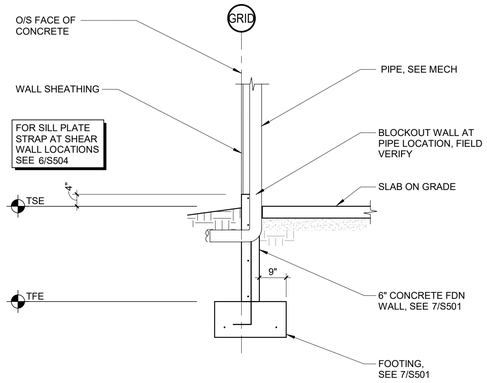
2 S502 HOLDOWN ANCHOR DETAIL

1/2" = 1'-0"



3 S502 STOOP FOUNDATION DETAIL

1/2" = 1'-0"



4 S502 FOUNDATION WALL DETAIL

1/2" = 1'-0"

© COPYRIGHT WILKUS ARCHITECTS

CONSULTANT

VAA, LLC
2300 Berkshire Lane N, Suite 200
Plymouth, MN 55441
763.559.9100
www.vaaeng.com

CLIENT:

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 315-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

PROJECT INFORMATION

"146th & HAZEL DELL PKWY" SHELL BUILDING

TBD 146th & HAZEL DELL PARKWAY
CLAY TOWNSHIP, IN 46033

SEAL

MARK D. MIELKE REGISTERED NO 10910529 STATE OF INDIANA PROFESSIONAL ENGINEER

07.02.24

PROJECT NO.	231004
DRAWN BY	JWO
CHECKED BY	TJM/EAS/MSN

ISSUE	DATE
PERMIT SET	04.26.24
CONSTRUCTION / BID	07.01.24

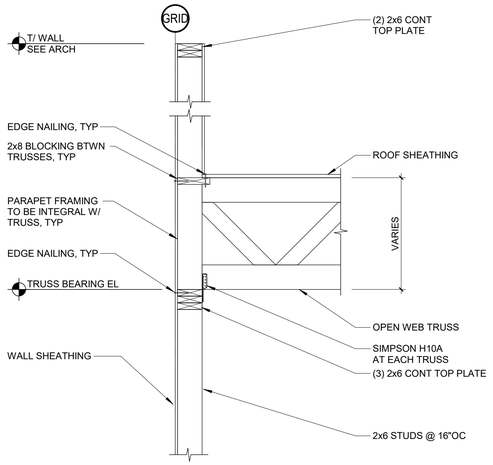
REVISION	DATE

TITLE:

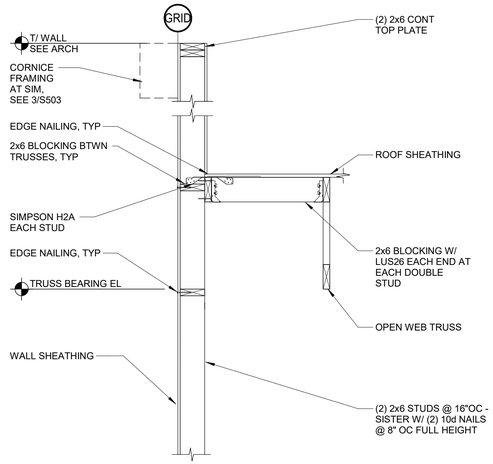
FOUNDATION DETAILS

SHEET NUMBER:

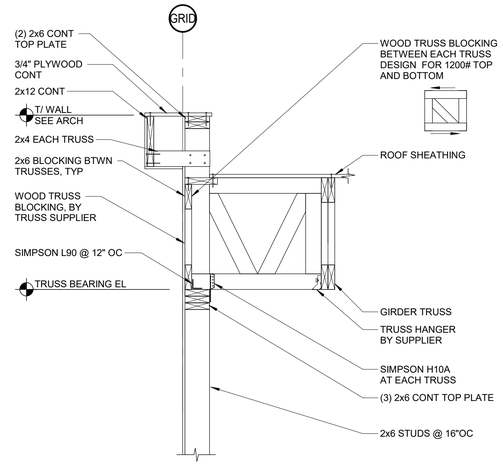
S502



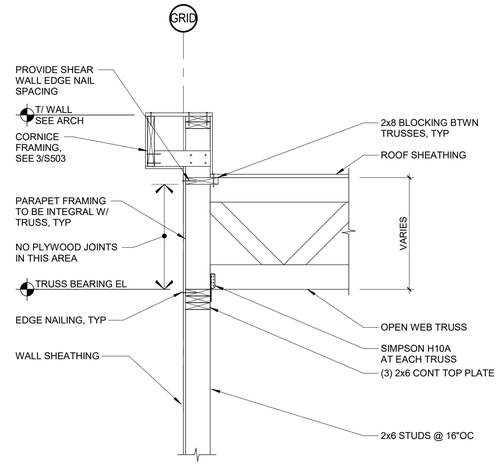
1 S503 TRUSS BEARING DETAIL
3/4" = 1'-0"



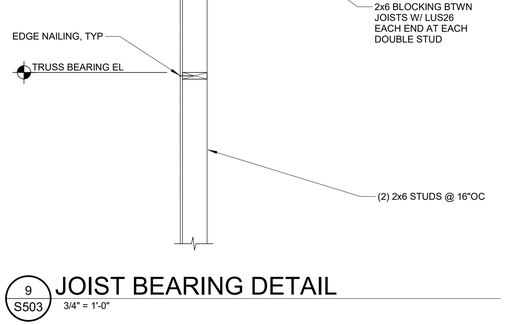
2 S503 TRUSS BEARING DETAIL
3/4" = 1'-0"



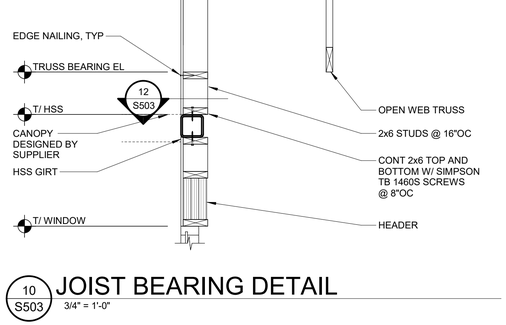
3 S503 TRUSS BEARING DETAIL
3/4" = 1'-0"



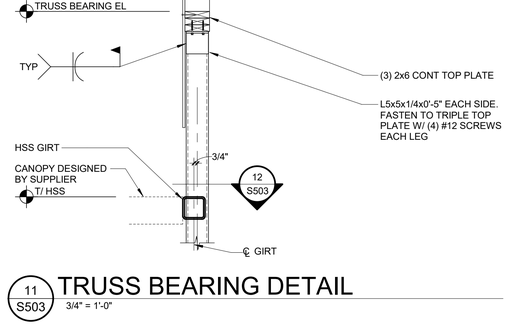
4 S503 TRUSS BEARING DETAIL
3/4" = 1'-0"



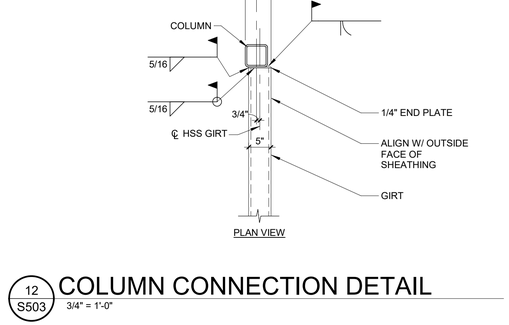
5 S503 TRUSS BEARING DETAIL
3/4" = 1'-0"



6 S503 JOIST BEARING DETAIL
3/4" = 1'-0"



7 S503 TRUSS BEARING DETAIL
3/4" = 1'-0"



8 S503 TRUSS BEARING DETAIL
3/4" = 1'-0"

9 S503 JOIST BEARING DETAIL
3/4" = 1'-0"

10 S503 JOIST BEARING DETAIL
3/4" = 1'-0"

11 S503 TRUSS BEARING DETAIL
3/4" = 1'-0"

12 S503 COLUMN CONNECTION DETAIL
3/4" = 1'-0"

© COPYRIGHT WILKUS ARCHITECTS

CONSULTANT
VAA, LLC
2300 Berkshire Lane N, Suite 200
Plymouth, MN 55441
763.559.9100
www.vaaeng.com

CLIENT:

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION

"146th & HAZEL DELL PKWY" SHELL BUILDING

TBD 146th & HAZEL DELL PARKWAY
CLAY TOWNSHIP, IN 46033

SEAL

MARK D. MIELKE
REGISTERED
NO 10010529
STATE OF
INDIANA
PROFESSIONAL ENGINEER
07.02.24

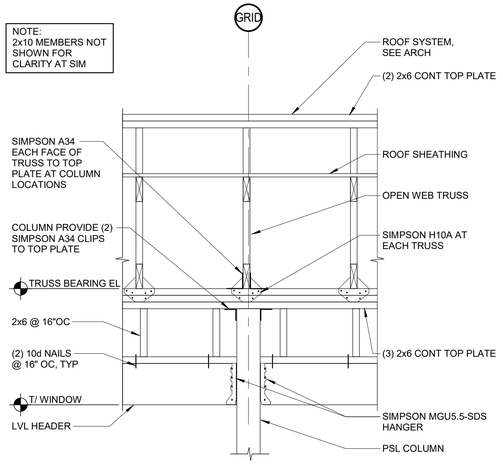
PROJECT NO.	231004
DRAWN BY	JWO
CHECKED BY	TJM/EAS/MSN

ISSUE	DATE
PERMIT SET	04.26.24
CONSTRUCTION / BID	07.01.24

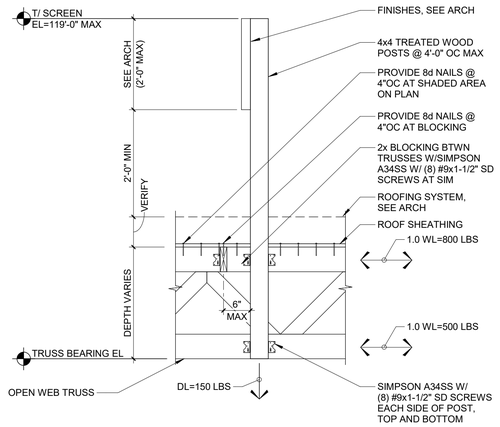
REVISION	DATE

TITLE:
ROOF FRAMING DETAILS

SHEET NUMBER:
S503



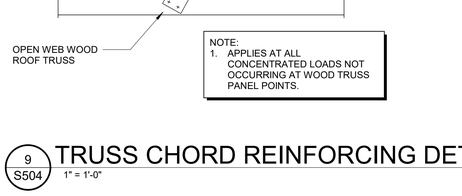
1 S504 **BEAM BEARING DETAIL**
3/4" = 1'-0"



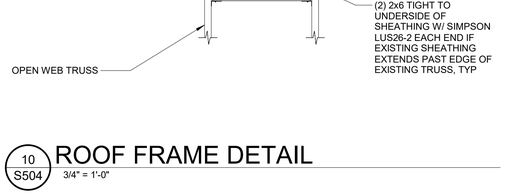
2 S504 **SCREEN WALL SUPPORT DETAIL**
3/4" = 1'-0"

3 S504 **NOT USED**

4 S504 **NOT USED**

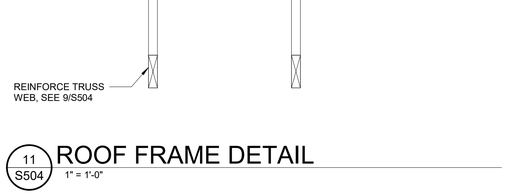


5 S504 **TYPICAL DROPPED HEADER**
3/4" = 1'-0"

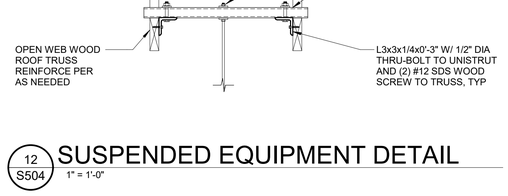


STRAP TIE SCHEDULE		
"W"	STRAP TIE	FASTENERS
≤ 5 1/2"	SIMPSON RPS22	(16) 16d
≤ 12"	SIMPSON RPS28	(16) 16d

6 S504 **STRAP TIE DETAIL AT NOTCHED PLATES**
NO SCALE



7 S504 **SHEAR WALL TOP PLATE SPLICE**
NO SCALE



8 S504 **CU SUPPORT DETAIL**
1" = 1'-0"

9 S504 **TRUSS CHORD REINFORCING DETAIL**
1" = 1'-0"

10 S504 **ROOF FRAME DETAIL**
3/4" = 1'-0"

11 S504 **ROOF FRAME DETAIL**
1" = 1'-0"

12 S504 **SUSPENDED EQUIPMENT DETAIL**
1" = 1'-0"

© COPYRIGHT WILKES ARCHITECTS

CONSULTANT
VAA, LLC
2300 Berkshire Lane N, Suite 200
Plymouth, MN 55441
763.559.9100
www.vaaeng.com

CLIENT:
CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 315-2482
INTERNET: WWW.CHIPOTLE.COM

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

PROJECT INFORMATION

"146th & HAZEL DELL PKWY" SHELL BUILDING

TBD 146th & HAZEL DELL PARKWAY
CLAY TOWNSHIP, IN 46033

SEAL

MARK D. MIKLOS REGISTERED NO 10910529 STATE OF INDIANA PROFESSIONAL ENGINEER
07.02.24

PROJECT NO.	231004
DRAWN BY	JWO
CHECKED BY	TJM/EAS/MSN

ISSUE	DATE
PERMIT SET	04.26.24
CONSTRUCTION / BID	07.01.24

REVISION	DATE
2 Revision 3	06.12.24

TITLE:
STRUCTURAL DETAILS

SHEET NUMBER:
S504

SECTION 15732 - PACKAGED ROOFTOP AIR-CONDITIONING UNITS

PART 1 - GENERAL

1.1 SECTION REQUIREMENTS

A. Submittals: Product Data and Shop Drawings.
B. Comply with ASHRAE 15.
C. EER: Equal to or greater than prescribed by the energy code adopted by the Authority Having Jurisdiction.
D. Warranties: Submit a written warranty, signed by the manufacturer, agreeing to the repair or replacement of components that fail within 5 years of Substantial Completion.

PART 2 - PRODUCTS

2.1 PACKAGED UNITS, 5 TO 20 TONS

A. Factory assembled and tested, consisting of compressors, condensers, evaporator coils, condenser and evaporator fans, refrigeration and temperature controls, filters, and dampers.
   1. Refer to Rooftop Heating/Cooling Unit Schedule on drawing M600 for capacities, and manufacturers.
   2. Evaporator Fans: Belt or direct driven, forward curved centrifugal.
   3. Exhaust/Relief Fans: Direct drive, forward curved centrifugal or propeller.
   4. Condenser Fans: Direct drive propeller.
   5. Refrigerant Coils: Aluminum fins and copper coil.
   6. Compressors: Serviceable hermetic or fully hermetic, with safety controls, hot gas bypass, and timed off controls.
   7. Heat Exchangers: Gas fired, with gas controls, electronic ignition, high limit cutout, and forced draft proving switch.
   8. Economizer controls (Comparative Enthalpy, 100% capacity).
   9. Smoke Detectors: Photoelectric in supply and/or return as called for in schedule on sheet M600.
   10. Operating Controls: Two stage heating and two stage cooling on units 7-1/2 tons and over.
   11. Roof curb.
   12. Control Wiring from T-stat to rooftop unit: Shall be 18ga / 7 conductor, rated for plenum applications.
   13. Control Wiring from T-stat to remote sensor: Shall be a separate 18ga / 2 conductor shielded, rated for plenum applications.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Install units level and plumb and firmly anchored.
B. Connect gas piping to burner with pipe same size as gas train inlet, and provide union with sufficient clearance for burner removal and service.
C. Install ducts to termination in roof mounting frames. Terminate ducts through roof structure.
D. Connect units to wiring systems and to ground.

END OF SECTION 15732

SECTION 15810 - DUCTS AND ACCESSORIES

PART 1 - GENERAL

1.1 SECTION REQUIREMENTS

A. Submittals: Product Data for fire and smoke dampers.
B. Comply with NFPA 90A for systems serving spaces more than 25,000 cu. ft. in volume or building Types II, IV, and V construction more than 3 stories in height.
C. Comply with NFPA 90B for systems serving spaces in 1 or 2 family dwellings or serving spaces less than 25,000 cu. ft..
D. Comply with NFPA 96, "Ventilation Control and Fire Protection of Commercial Cooking Operations," for kitchen hood ducts.
E. Comply with UL 181 and UL 181A for ducts and closures.
F. Testing, Adjusting, and Balancing Agency Qualifications: AABC certified (to be furnished by Tenant).

PART 2 - PRODUCTS

2.1 DUCTS

A. Spiral Duct: Spiral Lock Seam, without insulation, G90 galvanized finish, ASTM A-653/924
   1. Basis of Design Manufacturers: Lindab SPIROsafe, alternates to the basis of design must be submitted for review.
   2. Fittings: Factory produced standing seam construction with internal sealing. Fittings with a major axis of 36" or smaller shall be 20 gauge. Fittings with a major axis of 37"-48" shall be 18 gauge.
B. Galvanized Steel Sheet: Forming steel, ASTM A 653/653M, G90 coating designation.
C. Duct Liner: ASTM C 1071, Type II, with an airstream surface coated with a temperature resistant coating. Thickness: 1-1/2 inch. R-value : 8.
   1. Adhesive: ASTM C 916, Type I.
   2. Mechanical Fasteners: Galvanized steel pin, length as required to penetrate liner plus a 1/8 inch projection maximum into the airstream.
D. Joint and Seam Tape: Comply with UL 181A.
E. Joint and Seam Sealant: Comply with UL 181A.
F. Rectangular Metal Duct Fabrication: Comply with SMACNA's "HVAC Duct Construction Standard" for metal thickness, reinforcing types and intervals, tie rod applications, and joint types and intervals.

2.2 ACCESSORIES

A. Volume-Control Dampers: Factory fabricated volume control dampers, complete with required hardware and accessories. Single blade and multiple opposed blade, standard leakage rating, and suitable for horizontal or vertical applications.
B. Fire Dampers: Factory-fabricated fire dampers, complete with required hardware and accessories. UL labeled according to UL 555, "Fire Dampers".
C. Flexible Connectors: Flame retardant or noncombustible fabrics, coatings, and adhesives complying with UL 181, Class 1.
D. Flexible Ducts: Factory fabricated, insulated, round duct, with an outer jacket enclosing 2 inch thick, glass fiber insulation, R-value: 6.0, around a continuous inner liner.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Duct System Pressure Class: Construct and install each duct system with 2 inch positive and negative duct pressure classifications.
B. Conceal ducts from view in finished and occupied spaces. Except where noted as exposed.
C. Avoid passing through electrical equipment spaces and enclosures.
D. Support and connect metal ducts according to SMACNA's "HVAC Duct Construction Standard".
E. Install duct accessories according to applicable portions of details of construction as shown in SMACNA standards.
F. Install liner and/or insulation on ductwork per the material schedule on sheet M010.
G. Install volume control dampers in lined duct with methods to avoid damage to liner and to avoid erosion of duct liner.
H. Install fire and smoke dampers according to manufacturer's UL approved written instructions.
I. Install fusible links in fire dampers.
J. Provide saddle taps at tees for exposed ductwork.

3.2 TESTING, ADJUSTING, AND BALANCING

A. The Tenant will supply an independent balance agent to to balance and adjust the HVAC installation. The balance agent will be responsible for any pulley or belt changes required.
B. The GC is to have trained staffed available during the balancing to correct issues noted by the balance agent.
C. The balance agent is to balance airflow within distribution systems, including submains, branches, and terminals to indicated quantities +/- 10%. The hood exhaust system shall be balanced to a tolerance of -0+10% and the make-up air system to a tolerance of -10+0%.
D. The balance agent is to supply a copy of the balance report to the Tenant, engineer and general contractor for review.

END OF SECTION 15810

SECTION 15855 - DIFFUSERS, REGISTERS, AND GRILLES

PART 1 - GENERAL

1.1 SECTION REQUIREMENTS

A. Submittals: None.

PART 2 - PRODUCTS

2.1 OUTLETS AND INLETS

A. All air terminal devices:
   1. Refer to Grills, Registers, and Diffusers Schedule for equipment schedule
   2. Manufacturer: As scheduled (NO SUBSTITUTIONS)
   3. Material: As scheduled.
   4. Finish: As scheduled.
   5. Mounting: As scheduled.

PART 3 - EXECUTION

3.1 INSTALLATION

A. Coordinate location and installation with duct installation and installation of other ceiling and wall mounted items.
B. Locate ceiling diffusers, registers, and grilles, as indicated on the architectural "reflected ceiling plans." Unless otherwise indicated, locate units in center of acoustical ceiling panels.

END OF SECTION 15855

HVAC GENERAL NOTES

A GENERAL NOTES APPLY TO HVAC SHEETS.

B WORK SHALL COMPLY WITH STATE AND LOCAL CODE REQUIREMENTS AS APPROVED AND AMENDED BY THE AUTHORITY HAVING JURISDICTION, INCLUDING APPLICABLE SECTIONS OF NFPA, THE MECHANICAL CODE, AND ANY INTERIM AMENDMENTS AT THE TIME OF THE PROPOSAL. PURCHASE PERMITS ASSOCIATED WITH THE WORK. OBTAIN INSPECTIONS REQUIRED BY CODE. SEE ARCHITECTURAL SHEETS FOR THE PREVAILING CODES.

C CONTRACTOR AND SUBCONTRACTORS SHALL REVIEW A COMPLETE SET OF THE CONSTRUCTION DOCUMENTS.

D COORDINATE WORK WITH THE WORK OF OTHER TRADES, EQUIPMENT FURNISHED BY OTHERS, REQUIREMENTS OF THE OWNER, AND OF THE EXISTING CONDITIONS AT THE PROJECT SITE.

E DRAWINGS FOR THE MECHANICAL WORK ARE DIAGRAMMATIC, SHOWING THE GENERAL LOCATION, TYPE, LAYOUT, AND EQUIPMENT REQUIRED. THE DRAWING SHALL NOT BE SCALED FOR EXACT MEASUREMENTS, REFER TO ARCHITECTURAL DRAWINGS FOR DIMENSIONS. REFER TO MANUFACTURER'S STANDARD INSTALLATION DRAWINGS FOR EQUIPMENT CONNECTIONS AND INSTALLATION REQUIREMENTS. PROVIDE DUCTWORK, CONNECTIONS, OFFSETS, ACCESSORIES, AND MATERIALS NECESSARY FOR A COMPLETE SYSTEM.

F DUCT DIMENSIONS ON PLANS INDICATE DIMENSIONS OF INTERNAL FREE AREA.

G PERFORATED CEILING DIFFUSERS SHALL BE 4-WAY UNLESS NOTED OTHERWISE.

H COORDINATE ROOF WORK WITH THE OWNER'S CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION.

I UNLESS NOTED OTHERWISE RECTANGULAR DUCT ELBOWS GREATER THAN 45° SHALL BE MITERED ELBOWS WITH DOUBLE-THICKNESS TURNING VANES AND RECTANGULAR DUCT ELBOWS 45° OR LESS SHALL BE RADIUSED ELBOWS WITH AN INSIDE RADIUS OF AT LEAST 1/2 THE WIDTH OF THE DUCT.

J REPLACE AIR FILTERS WITH NEW, CLEAN MERV 8 AIR FILTERS AT TURNOVER.

K THE TERM "FURNISH" MEANS SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS. THE TERM "INSTALL" DESCRIBES THE OPERATIONS AT THE PROJECT SITE INCLUDING THE ACTUAL UNLOADING, UNPACKING, ASSEMBLY, ERECTING, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS. THE TERM "PROVIDE" MEANS TO FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE.

L INSTALL LABELING CALLED FOR IN THE MECHANICAL DRAWINGS USING ENGRAVED PHENOLIC PLATES (WHITE WITH BLACK LETTERING).

M PROVIDE P3000 12 GA. UNISTRUT WITH PG FINISH FOR DUCT SUPPORTS AND OTHER UNISTRUT IN AREAS EXPOSED TO VIEW. SLOTTED UNISTRUT AND OTHER UNISTRUT WITH HOLES IS NOT ACCEPTABLE.

N WORK SHOWN SHALL BE BY GC UNLESS NOTED OTHERWISE.

HVAC MATERIAL SCHEDULE

CATEGORY	APPLICATION	ALLOWABLE MATERIAL
DUCT	EXPOSED SUPPLY	RECT. LINED OR ROUND AS SHOWN, NO EXPOSED DUCT-SEALING MASTIC
	EXPOSED RETURN	RECTANGULAR, NO EXPOSED DUCT-SEALING MASTIC
	EXPOSED GEN. EXHAUST	RECTANGULAR OR ROUND AS SHOWN, NO EXPOSED DUCT-SEALING MASTIC
	CONCEALED, SUPPLY	RECT. OR ROUND AS SHOWN, LINED OR INSULATED
	CONCEALED, RETURN	RECT. OR ROUND AS SHOWN, LINED OR INSULATED
	CONCEALED, GEN. EXHAUST	RECT. OR ROUND AS SHOWN
	CONCEALED, TYPE I HOOD EXHAUST	RECTANGULAR 16 GA. BLACK IRON W/ WRAP OR UL 1978 FACTORY-MANUFACTURED DUCT W/ WRAP (SUBMIT SHOP DRAWINGS FOR FACTORY-MANUFACTURED DUCT PRIOR TO ORDERING FOR APPROVAL)

HVAC ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
CD	CEILING DIFFUSER
CU	CONDENSING UNIT
(E)	EXISTING
EF	EXHAUST FAN
ER	EXHAUST REGISTER
EXT'G	EXISTING
HD	HOOD
MUA	MAKEUP AIR UNIT
OBD	BLADE DAMPER
RG	RETURN GRILLE
RTU	ROOFTOP UNIT
SR	SUPPLY REGISTER
VSC	VARIABLE SPEED CONTROL
CO2AS	TENANT'S CO2 ALARM SUPPLIER
GC	TI GENERAL CONTRACTOR
HES	TENANT'S HVAC EQUIPMENT SUPPLIER
HS	TENANT'S HOOD SUPPLIER
KES	TENANT'S KITCHEN EQUIPMENT SUPPLIER
SHGC	SHELL GENERAL CONTRACTOR
TAB	TENANT'S TEST AND BALANCE VENDOR
TCC	TENANT'S CABLING CONTRACTOR
TDC	TENANT'S DUCT CLEANER
TEMS	TENANT'S ENERGY MANAGEMENT SYSTEM SUPPLIER
TLS	TENANT'S LIGHT/LAMP SUPPLIER
TMB	TENANT'S MENU BOARD SUPPLIER
TMS	TENANT'S MILLWORK SUPPLIER
TP	TENANT'S PHONE SUPPLIER
TPS	TENANT'S PANELBOARD SUPPLIER
TRS	TENANT'S RAILING SUPPLIER
TSV	TENANT'S SIGN VENDOR
TUV	TENANT'S UV SANITIZER SUPPLIER
WCS	TENANT'S WALK-IN COOLER SUPPLIER
WHS	TENANT'S WATER HEATER SUPPLIER

HVAC SYMBOLS

CEILING DIFFUSER

CEILING-MOUNTED RETURN OR EXHAUST REGISTER

SUPPLY REGISTER

RETURN GRILLE

FLEXIBLE DUCT

MITERED CORNER WITH TURNING VANES

DUCTWORK INTERNAL FREE DIMENSIONS (WIDTH/HEIGHT) RECTANGULAR TO ROUND DUCT TRANSITION

DUCT-MOUNTED SMOKE DETECTOR

MOTOR-OPERATED DAMPER

MANUAL VOLUME DAMPER

GREASE DUCT CLEANOUT

MITERED CORNER WITHOUT TURNING VANES

GRIDPOINT THERMOSTAT

GRIDPOINT ZONE SENSOR MODULE

GRIDPOINT SUPPLY PROBE

PLAN NOTE: SEE PLAN NOTES LISTED ON THE SAME SHEET FOR NOTE MEANING

CONNECT TO EXISTING

EQUIPMENT TAG: SEE EQUIPMENT SCHEDULE ON SHEET M600 FOR EQUIPMENT INFORMATION

AUDIO/VISUAL REMOTE SMOKE DETECTOR ANNUNCIATOR WITH REMOTE KEY OPERATED RESET

GRILL, REGISTER, OR DIFFUSER TAG:
TAG
NECK SIZE
AIRFLOW [CFM]

Consultant:
NATIONAL ENGINEERING
4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Cliff Kigar
(614) 328-2033
ckigar@nationalengineering.com

FOR CONSTRUCTION

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 5081
146TH & HAZEL DELL PARKWAY
TBD 146TH & HAZEL DELL PARKWAY
CLAYTOWNSHIP, IN 46033

Issue Record:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

#\ Revisions:

Drawn: CJK
Checked: MPC

Project No.: 2301081

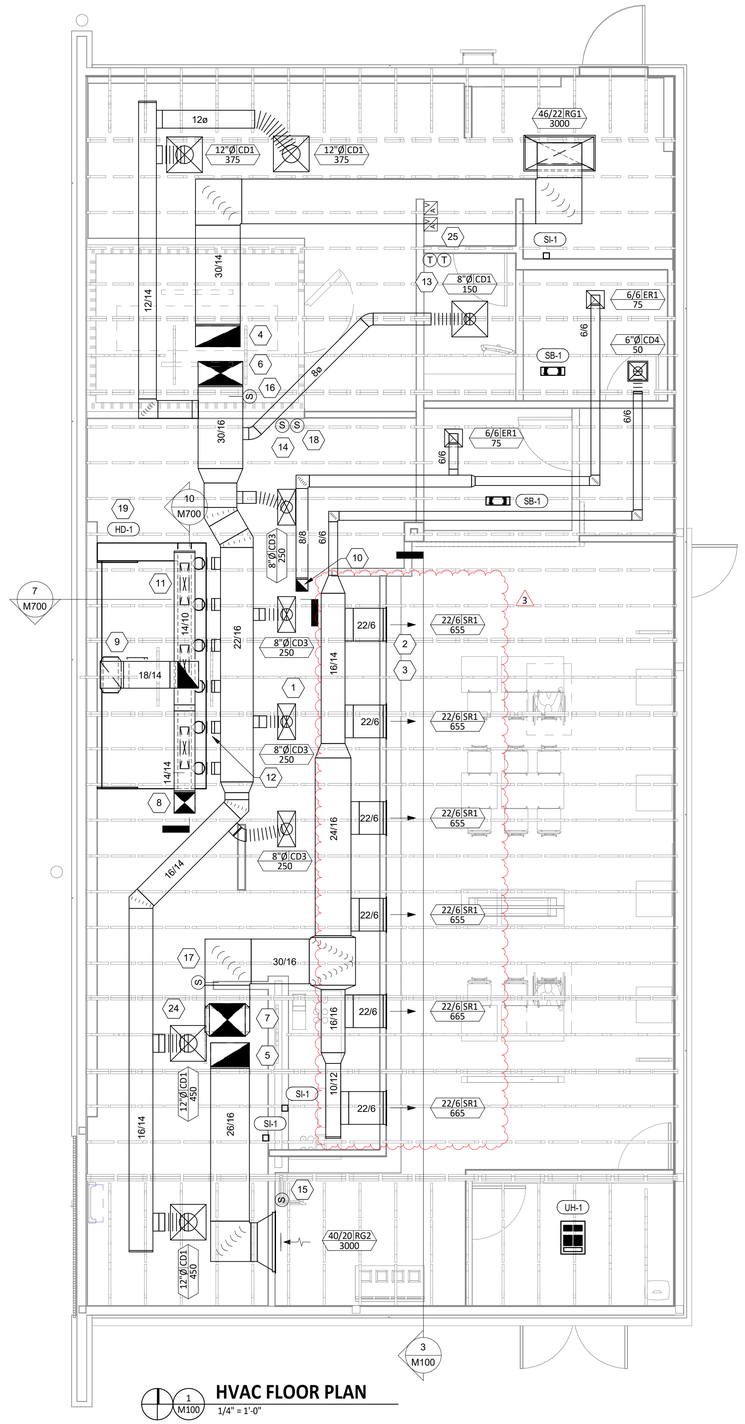
Contents:

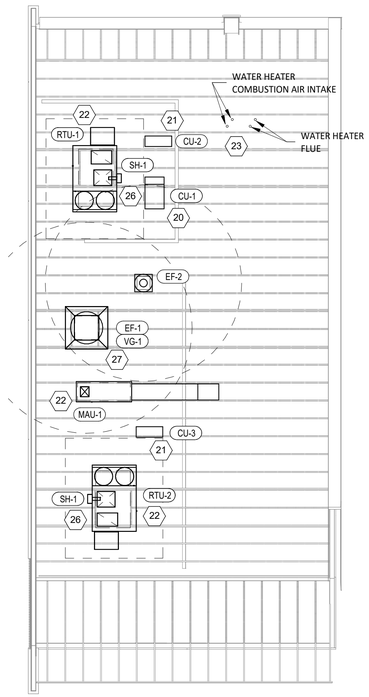
HVAC SPECIFICATIONS

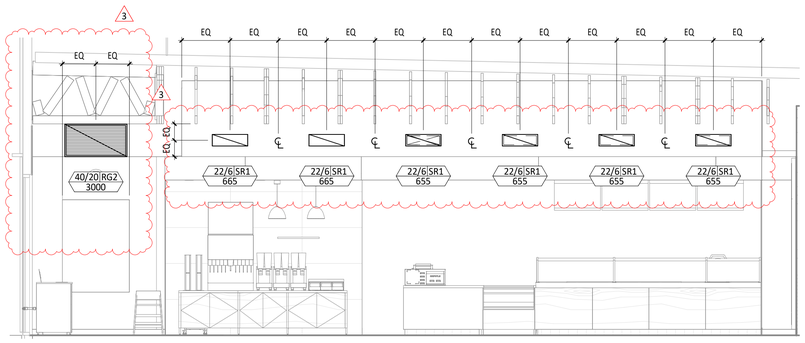
M010

HVAC PLAN NOTES

1. SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR CEILING MOUNTED EQUIPMENT LOCATION. TYPICAL.
2. PAINT DUCTWORK VISIBLE THROUGH DINING ROOM SUPPLY REGISTERS AND RETURN GRILL BLACK. TYPICAL.
3. ADJUST SUPPLY REGISTERS SO THAT SUPPLY AIR HITS WALL ON OPPOSITE SIDE OF ROOM AT APPROXIMATELY 7' AFF WITH NO DRAFTS FELT IN THE DINING ROOM.
4. 30/14 DUCT UP FOR TRANSITION TO RTU-1 RETURN CONNECTION IN ROOF CURB. RTU-1 SHALL HAVE AN INTEGRAL SMOKE DETECTOR MOUNTED IN THE RETURN AIR STREAM. INTERLOCK SMOKE DETECTOR TO RTU-1 OPERATION.
5. 26/16 DUCT UP FOR TRANSITION TO RTU-2 RETURN CONNECTION IN ROOF CURB. RTU-2 SHALL HAVE AN INTEGRAL SMOKE DETECTOR MOUNTED IN THE RETURN AIR STREAM. INTERLOCK SMOKE DETECTOR TO RTU-2 OPERATION.
6. 30/16 DUCT UP FROM BUILDING SUPPLY THROUGH ROOF. TRANSITION TO RTU-1 SUPPLY CONNECTION IN ROOF CURB.
7. 24/22 DUCT UP FROM BUILDING SUPPLY TO RTU-2 SUPPLY CONNECTION. TRANSITION IN ROOF CURB.
8. 14/14 DUCT UP THROUGH ROOF. TRANSITION TO MAU-1 SUPPLY CONNECTION IN ROOF CURB.
9. 18/14 DUCT UP FROM HOOD THROUGH ROOF TO EF-1 COMPLIANT WITH NFPA 96. PROVIDE RADIUSED ELBOWS WITH AN INSIDE RADIUS OF 0.5W AT ELBOWS IN GREASE DUCT.
10. 8/6 DUCT UP THROUGH ROOF TO EF-2.
11. 28/6 DUCT DOWN TO MAKEUP AIR PSP DUCT CONNECTION. TRANSITION TO SUPPLY PLENUM OPENING SIZE. TYPICAL FOR 3.
12. 8" DIA. DUCT DOWN TO AC PSP DUCT CONNECTION. TRANSITION TO SUPPLY PLENUM OPENING SIZE. TYPICAL. CAP UNUSED DUCT CONNECTIONS.
13. INSTALL SINGLE GANG VERTICAL J-BOX GRIDPOINT THERMOSTATS FURNISHED BY TEMS FOR RTU-1 AND RTU-2 AT THIS LOCATION AT 48" AFF. COORDINATE WITH ELECTRICAL SWITCHING IN THIS AREA. PROVIDE WIRING AS SHOWN IN DETAIL 8/E710.
14. INSTALL GRIDPOINT ZONE SENSOR MODULE FURNISHED BY TEMS FOR RTU-1 AT THIS LOCATION 72" AFF DIRECTLY TO WALL (NO JUNCTION BOX). COORDINATE LOCATION WITH EQUIPMENT. PROVIDE WIRING AS SHOWN IN DETAIL 8/E710.
15. INSTALL GRIDPOINT ZONE SENSOR MODULE FURNISHED BY TEMS FOR RTU-2 AT THIS LOCATION 66" AFF DIRECTLY TO WALL (NO JUNCTION BOX). COORDINATE LOCATION WITH EQUIPMENT. PROVIDE WIRING AS SHOWN IN DETAIL 8/E710.
16. INSTALL GRIDPOINT SUPPLY PROBE FURNISHED BY TEMS FOR RTU-1 IN THE SUPPLY DUCTWORK UPSTREAM FROM THE FIRST BRANCH CONNECTION. PROVIDE WIRING AS SHOWN IN DETAIL 8/E710.
17. INSTALL GRIDPOINT SUPPLY PROBE FURNISHED BY TEMS FOR RTU-2 IN THE SUPPLY DUCTWORK UPSTREAM FROM THE FIRST BRANCH CONNECTION. PROVIDE WIRING AS SHOWN IN DETAIL 8/E710.
18. INSTALL REMOTE TEMPERATURE SENSOR FOR HOOD HD-1 AT THIS LOCATION 72" AFF. COORDINATE LOCATION WITH EQUIPMENT. PROVIDE (2) #18 G. THERMISTOR CABLE FROM TEMPERATURE SENSOR TO HOOD CONTROL PANEL.
19. INSTALL KITCHEN HOOD, HD-1. SUPPORT HOOD PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. INSTALL HOOD ACCORDING TO THE REQUIREMENTS OF ITS LISTING, IN COMPLIANCE WITH NFPA 96, THE BUILDING CODE, AND AUTHORITIES HAVING JURISDICTION. HOOD SHALL HAVE AN INTEGRAL DUCT COLLAR TEMPERATURE SENSOR TO AUTOMATICALLY ENERGIZE THE EXHAUST AND MAKEUP AIR FANS IF COOKING TEMPERATURES ARE DETECTED. EXHAUST DUCT SYSTEM TO BE WELDED OR FACTORY-MANUFACTURED WATER AND AIR TIGHT. INSTALL CLEANOUTS PER CODE AND AS SHOWN. INSTALL HOOD PER DETAILS 2, 4, AND 9/M700. CHIPOTLE WILL PROVIDE AN INDEPENDENT TESTING AGENCY FOR TESTING THE INTEGRITY OF THE GREASE DUCT SYSTEM.
20. INSTALL REMOTE CONDENSING UNIT FOR WALK-IN COOLER ON ROOF AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. INSTALL REFRIGERANT LINE SET, THERMOSTATIC EXPANSION VALVE, SOLENOID VALVE, TEMPERATURE CONTROL, SIGHT GLASS, FILTER DRIER, PRESSURE CONTROL, LOW AMBIENT CONTROLS, AND WEATHERPROOF HOUSING. TRAP AND SLOPE REFRIGERANT LINES PER MANUFACTURER'S RECOMMENDATIONS. INSTALLATION SHALL COMPLY WITH ASHRAE/ANSI STANDARD 15. INSTALL THE REFRIGERANT LINE SET UNDER THE ROOF DECK TO WITHIN 3' OF THE CONDENSING UNIT. CUT 2-1/2" HOLE IN WALK-IN COOLER ROOF FOR REFRIGERANT LINE SET AND SEAL PER THE COOLER MANUFACTURER'S INSTALLATION INSTRUCTIONS AFTER LINE SET IS INSTALLED.
21. INSTALL REMOTE CONDENSER FOR ICE MACHINE ON ROOF AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. INSTALL REFRIGERANT LINE SET, THERMOSTATIC EXPANSION VALVE, SOLENOID VALVE, TEMPERATURE CONTROL, SIGHT GLASS, FILTER DRIER, PRESSURE CONTROL, LOW AMBIENT CONTROLS, AND WEATHERPROOF HOUSING. TRAP AND SLOPE REFRIGERANT LINES PER MANUFACTURER'S RECOMMENDATIONS. SEAL PIPING PENETRATIONS THROUGH ROOF. INSTALLATION SHALL COMPLY WITH ASHRAE/ANSI STANDARD 15. INSTALL THE REFRIGERANT LINE SET UNDER THE ROOF DECK TO WITHIN 3' OF THE REMOTE CONDENSER. IF REFRIGERANT PIPING TO ICE MAKER IS EXPOSED TO PUBLIC VIEW CONCEAL WITHIN A STAINLESS STEEL SHROUD AS SHOWN IN THE ARCHITECTURAL DRAWINGS.
22. INSTALL ROOFTOP EQUIPMENT PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS.
23. INSTALL EXHAUST FAN EF-1 PER DETAIL 5/M700 AND AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. INSTALL GREASE VIROGUARD SYSTEM FURNISHED BY CHIPOTLE ON EXHAUST FAN, EF-1.
24. PROVIDE SUPPLY DIFFUSER CONNECTION TO SUPPLY SYSTEM PER DETAIL 1/M700. TYPICAL.
25. PROVIDE AUDIO/VISUAL REMOTE SMOKE DETECTOR ANNUNCIATOR WITH REMOTE KEY OPERATED RESET. WIRE A UNIT BACK TO EACH SMOKE DETECTOR. MOUNT UNIT 60" AFF. TYPICAL.
26. INSTALL REME HALO AIR PURIFIER FURNISHED BY TUV IN RTU PER DETAIL 6/M700. SEE ELECTRICAL DRAWINGS FOR POWER CONNECTION INFORMATION. INSTALL UV WARNING STICKERS ON FACE OF ENCLOSURE PER DETAIL AND ON ANY RTU ACCESS DOOR(S) THROUGH WHICH THE REME HALO WOULD BE VISIBLE IF OPENED.
27. MAINTAIN 10' CLEARANCE BETWEEN WATER HEATER FLUE TERMINATION AND OUTSIDE AIR INTAKES. MAINTAIN 10' CLEARANCE BETWEEN WATER HEATER COMBUSTION AIR INTAKE AND EXHAUST FAN EF-1 DISCHARGE. SEE PLUMBING DRAWINGS FOR MORE INFORMATION ON WATER HEATER FLUE AND COMBUSTION AIR TERMINATIONS.







3 M100 **HVAC DINING ROOM SECTION**
1/4" = 1'-0"

2 M100 **HVAC ROOF PLAN**
1/8" = 1'-0"

1 M100 **HVAC FLOOR PLAN**
1/4" = 1'-0"

Consultant:
NATIONAL ENGINEERING
4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Cliff Kigar
(614) 328-2033
ckigar@nationalengineering.com

FOR CONSTRUCTION

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

CHIPOTLE MEXICAN GRILL

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 5081
146TH & HAZEL DELL PARKWAY
TBD 146TH & HAZEL DELL PARKWAY
CLAYTOWNSHIP, IN 46033

Issue Record:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

Revisions:

3	07/01/2024	CONSTUCTION & BID SET

Drawn: CJK
Checked: MPC

Project No.
2301081

Contents:
HVAC PLAN

M100

SANITIZING EQUIPMENT SCHEDULE

TAG	COUNT	DESCRIPTION	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN MANUFACTURER	BASIS FOR DESIGN MODEL	REMARKS
SB-1	2	BATHROOM AIR PURIFICATION UNIT	TUV	GC	RGF ENVIRONMENTAL GROUP	BRU ASSEMBLY	SEE ELECTRICAL SHEETS FOR CONNECTION INFORMATION
SH-1	2	HVAC AIR PURIFICATION UNIT	TUV	GC	RGF ENVIRONMENTAL GROUP	REME-HALO	SEE DETAIL 6/M700 FOR INSTALLATION INFORMATION.
SI-1	3	ICE MACHINE TREATMENT SYSTEM	TUV	GC	RGF ENVIRONMENTAL GROUP	IMS-B-GA	SEE PLUMBING DRAWINGS FOR INSTALLATION INFORMATION.

VIROGUARD SCHEDULE

TAG	QUANITITY	DESCRIPTION	DUCT CONNECTION SIZE	FAN	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN MANUFACTURER
VG-1	1	VIROGUARD HOOD EXHAUST FAN ROOFTOP CONTAINMENT SYSTEM	16" X 16"	CAPTIVE-AIRE DU180HFA	TDC	GC	ENVIROMATIC

GRILLS, REGISTERS, AND DIFFUSERS SCHEDULE

TAG	DESCRIPTION	FACE SIZE	MATERIAL	FINISH	MOUNTING	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN MANUFACTURER	BASIS FOR DESIGN MODEL	NOTES
CD1	PERFORATED CEILING DIFFUSER	24" X 24"	ALUMINUM	WHITE	LAY-IN CEILING	GC	GC	NAILOR	4320A TYPE L	PROVIDE INTEGRAL OBD
CD3	PERFORATED CEILING DIFFUSER	24" X 12"	ALUMINUM	WHITE	LAY-IN CEILING	GC	GC	NAILOR	4320A TYPE L	PROVIDE INTEGRAL OBD, REMOVE 4-WAY DEFLECTOR
CD4	PERFORATED CEILING DIFFUSER	12" X 12"	ALUMINUM	WHITE	GYP CEILING	GC	GC	NAILOR	4320A TYPE S	PROVIDE INTEGRAL OBD
ER1	PERFORATED CEILING EXHAUST	12" X 12"	ALUMINUM	WHITE	GYP CEILING	GC	GC	NAILOR	4330R TYPE S	PROVIDE INTEGRAL OBD
RG1	PERFORATED CEILING RETURN	48" X 24"	ALUMINUM	WHITE	LAY-IN CEILING	GC	GC	NAILOR	4330R TYPE L	
RG2	0° FIXED BLADE RETURN GRILLE	SEE NECK SIZE	ALUMINUM	WHITE	WALL	GC	GC	NAILOR	51FH	
SR1	DOUBLE DEFLECTION SUPPLY REGISTER	SEE NECK SIZE	ALUMINUM	WHITE	WALL	GC	GC	NAILOR	51DH	PROVIDE INTEGRAL OBD

FAN SCHEDULE

TAG	DRIVE TYPE	EXHAUST FLOW [CFM]	E.S.P. [in W.C.]	WEIGHT [lbs]	ELECTRICAL MOTOR POWER	ELECTRICAL V/P/H	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN MANUFACTURER	BASIS FOR DESIGN MODEL	REMARKS
EF-1	DIRECT	2550 CFM	1.20 in-wg	400	2	208/3/60	HS	GC	CAPTIVE-AIRE	DU180HFA	FURNISHED WITH DISCONNECT AND VENTED ROOF CURB
EF-2	DIRECT	150 CFM	0.60 in-wg	100	0.18 HP	120/1/60	HS	GC	CAPTIVE-AIRE	DR12HFA	FURNISHED WITH DISCONNECT, VARIABLE SPEED CONTROLLER, BACKDRAFT DAMPER AND ROOF CURB

MAKEUP AIR UNIT SCHEDULE

TAG	DESCRIPTION	AIRFLOW SUPPLY FLOW [CFM]	AIRFLOW E.S.P. [in. W.C.]	HEATING CAPACTIY INPUT [MBH]	HEATING CAPACTIY OUTPUT [MBH]	HEATING CAPACTIY MAXIMUM TURNDOWN	HEATING CAPACTIY EAT	APPROXIMATE WEIGHT [lbs]	ELECTRICAL MOTOR POWER	ELECTRICAL V/P/H	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN MANUFACTURER	BASIS FOR DESIGN MODEL	REMARKS
MAU-1	MAKEUP AIR UNIT	1300	0.80	225	220	12.5:1	1 °F	650	1 HP	208/3/60	HS	GC	CAPTIVE-AIRE	A1-D.250-15D	FURNISHED WITH TRUNKLINE EXTENSION, DISCONNECT, ROOF CURB, SCREEN INTAKE, AND WASHABLE ALUMINUM FILTERS

CONDENSING UNIT SCHEDULE

TAG	DESCRIPTION	NOMINAL CAPACITY [TONS]	NUMBER OF COMPRESSORS	NUMBER OF CIRCUITS	REFRIGERANT TYPE	REFRIGERANT CHARGE	WEIGHT	ELECTRICAL MOCP	ELECTRICAL FLA	ELECTRICAL V/P/H	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN MANUFACTURER	BASIS FOR DESIGN MODEL	REMARKS
CU-1	WALK-IN COOLER REMOTE CONDENSING UNIT	--	1	1	R-404A		200	15 A	6.5 A	208/3/60	WCS	GC	HARFORD	PCL99MOP-3	FURNISHED WITH WALK-IN COOLER
CU-2	ICE MAKER - REMOTE CONDENSER	--	0	1	R-404A	11 lbs 7.4 oz	100			120/1/60	KES	GC	-	-	FURNISHED WITH ICE MAKER
CU-3	ICE MAKER - REMOTE CONDENSER	--	0	1	R-404A	11 lbs 7.4 oz	100			120/1/60	KES	GC	-	-	FURNISHED WITH ICE MAKER

KITCHEN HOOD SCHEDULE

TAG	DESCRIPTION	MAX COOKING TEMP.	EXHAUST PLENUM AIRFLOW [CFM]	EXHAUST PLENUM SP [in. W.C]	EXHAUST PLENUM DUCT COLLARS NO.	EXHAUST PLENUM DUCT COLLARS WIDTH	EXHAUST PLENUM DUCT COLLARS LENGTH	PERFORATED SUPPLY PLENUMS LENGTH	PERFORATED SUPPLY PLENUMS WIDTH	SP [in. W.C.]	SUPPLY PLENUM LENGTH	SUPPLY PLENUM WIDTH	MAU PLENUM AIRFLOW [CFM]	MAU PLENUM DUCT COLLARS NO.	MAU PLENUM DUCT COLLARS WIDTH	MAU PLENUM DUCT COLLARS LENGTH	AC PLENUM AIRFLOW [CFM]	AC PLENUM DUCT COLLARS NO.	AC PLENUM DUCT COLLARS DIAMETER	NUMBER OF LIGHT FIXTURES	APPROXIMATE WEIGHT [lbs]	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN MANUFACTURER	BASIS FOR DESIGN MODEL	REMARKS
HD-1	TYPE I CANOPY HOOD WITH PERFORATED MAU AND AC SUPPLY PLENUMS	600°F	2550	0.97	1	10"	24"	12' - 9"	4' - 3"	0.1	13' - 9"	19"	1300	3	6"	28"	700	6	8"	8	1100	HS	GC	CAPTIVE-AIRE	5424 ND-2-ACPSP-F	MAT'L: 18 GA. TYPE 430 SS. PROVIDE WITH VERTICAL END PANELS, 16" TALL HE SS FILTERS, INTEGRAL UTILITY CABINET, KITCHEN EXHAUST SUPPRESSION SYSTEM, DUCT COLLAR TEMPERATURE SENSOR, PREWIRE PACKAGE, SPARE FIRE SYSTEM DRY CONTACT, AND 4-POLE 20A CONTACTOR

ROOFTOP UNIT SCHEDULE

TAG	DESCRIPTION	NOMINAL CAPACITY [TONS]	EER	AIRFLOW TOTAL [CFM]	AIRFLOW OA [CFM]	AIRFLOW ESP [IN. W.C.]	NET COOLING CAPACITY TOTAL [MBH]	NET COOLING CAPACITY SENSIBLE [MBH]	NET COOLING CAPACITY EAT [DEG. F] DB	NET COOLING CAPACITY EAT [DEG. F] WB	NET COOLING CAPACITY COND. EAT [DEG. F]	HEATING CAPACITY INPUT [MBH]	HEATING CAPACITY OUTPUT [MBH]	HEATING CAPACITY EAT [DEG. F]	# OF COMPRESSORS	# OF CIRCUITS	REFRIG. TYPE	REFRIG. CHARGE	APPROX. WEIGHT [lbs]	ELECTRICAL MOCP	ELECTRICAL FLA	ELECTRICAL V/P/H	FURNISHED BY	INSTALLED BY	BASIS FOR DESIGN MANUFACTURER	BASIS FOR DESIGN MODEL	REMARKS
RTU-1	KITCHEN ROOFTOP UNIT	10	12	3500	500	0.8	116	73	76	66	95	180	146	57	2	2	R-410A	7.9/7.9	1350	50 A	44.9 A	208/3/60	HES	GC	YORK	ZJ120	FURNISHED WITH COMP. ENTHALPY ECON., BAROMETRIC RELIEF, RET. SMOKE DETECTOR W/ REMOTE KEYED ANNUNCIATOR/RESET, M.O.D., MERV-8 FILTERS, CURB, HAIL GUARD, TOOLLESS HINGED ACCESS PANELS, DISCONNECT, & UNIT-MOUNTED CONVENIENCE RECEPTACLE
RTU-2	DINING ROOFTOP UNIT	10	12	4000	1000	0.8	123	74	77	68	95	240	192	50	2	2	R-410A	7.9/7.9	1350	50 A	44.9 A	208/3/60	HES	GC	YORK	ZJ120	FURNISHED WITH COMP. ENTHALPY ECON., BAROMETRIC RELIEF, RET. SMOKE DETECTOR W/ REMOTE KEYED ANNUNCIATOR/RESET, M.O.D., MERV-8 FILTERS, CURB, HAIL GUARD, TOOLLESS HINGED ACCESS PANELS, DISCONNECT, & UNIT-MOUNTED CONVENIENCE RECEPTACLE

CONTROL FUNCTIONS

A. THE MAIN COOKING EXHAUST FAN AND MAKE-UP AIR UNIT SHALL BE INTERLOCKED TO OPERATE TOGETHER. THIS CONTROL CIRCUIT IS ACTIVATED BY A SWITCH AND INCLUDES A FIRE PROTECTION OVERRIDE.
B. THE TEMPERATURE IN EACH ZONE IS CONTROLLED BY SPACE TEMPERATURE SENSORS CONNECTED TO THE THERMOSTATS LOCATED IN THE OFFICE. ALL ZONES SHALL OPERATE WITH CONTINUOUS FAN OPERATION DURING OCCUPIED TIMES AND INTERMITTENTLY AS NEEDED TO MAINTAIN SET POINTS DURING UNOCCUPIED TIMES. OUTSIDE AIR DAMPERS SHALL BE OPEN CONTINUOUSLY WHEN EITHER IN OCCUPIED MODE OR WHEN THE HOOD SYSTEM IS ON AND SHALL BE CLOSED DURING UNOCCUPIED PERIODS.
C. THE THERMOSTATS SHALL DETERMINE OCCUPIED/UNOCCUPIED STATUS BASED ON THE SCHEDULE IN THE ENERGY MANAGEMENT SYSTEM.

AIR BALANCE SCHEDULE

Tag	Supply Flow [CFM]	Return Flow [CFM]	Exhaust Flow [CFM]	Subtotal [CFM]
EF-1	0	0	2550	-2550
EF-2	0	0	150	-150
MAU-1	1300	0	0	1300
RTU-1	3500	3000	0	500
RTU-2	4000	3000	0	1000
Net Pressurization [CFM]				100

Consultant:
NATIONAL ENGINEERING
4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Cliff Kigar
(614) 328-2033
ckigar@nationalengineering.com

FOR CONSTRUCTION

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 5081
146TH & HAZEL DELL PARKWAY
TBD 146TH & HAZEL DELL PARKWAY
CLAYTOWNSHIP, IN 46033

Issue Record:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

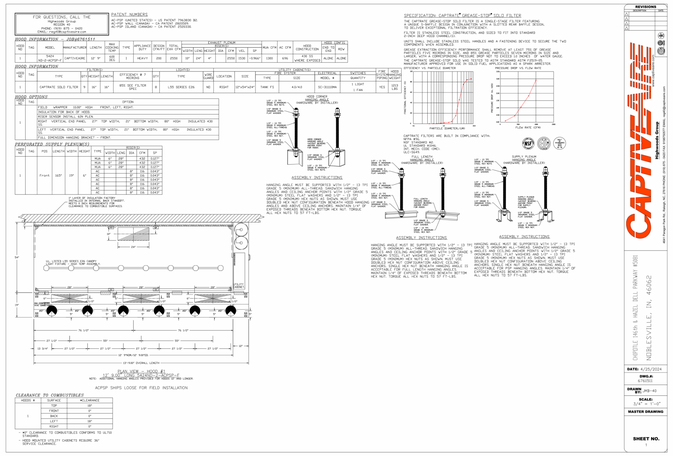
Revisions:

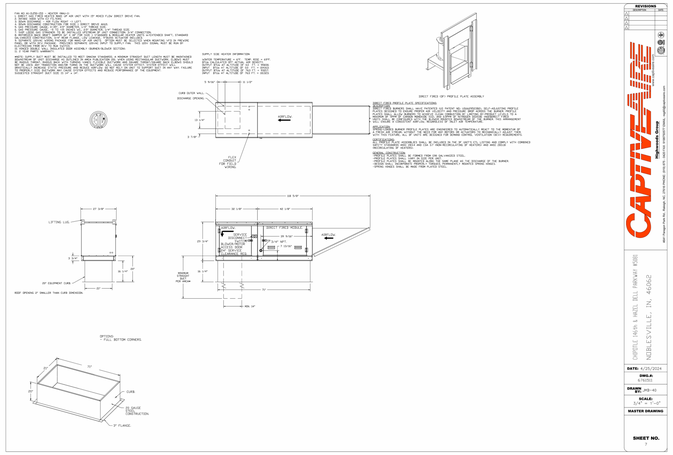
Drawn: CJK
Checked: MPC

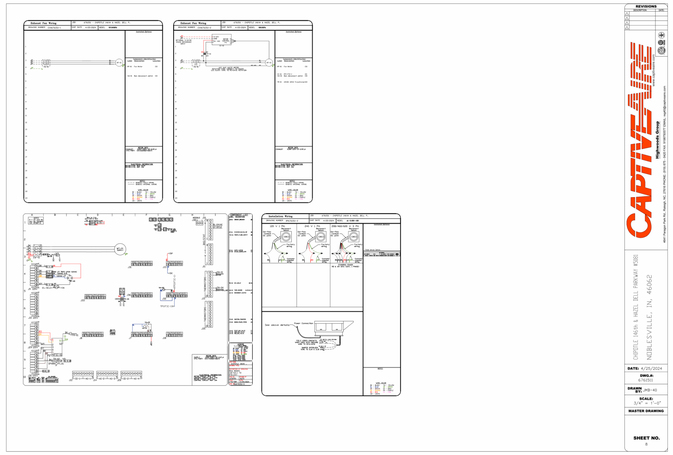
Project No.: 2301081

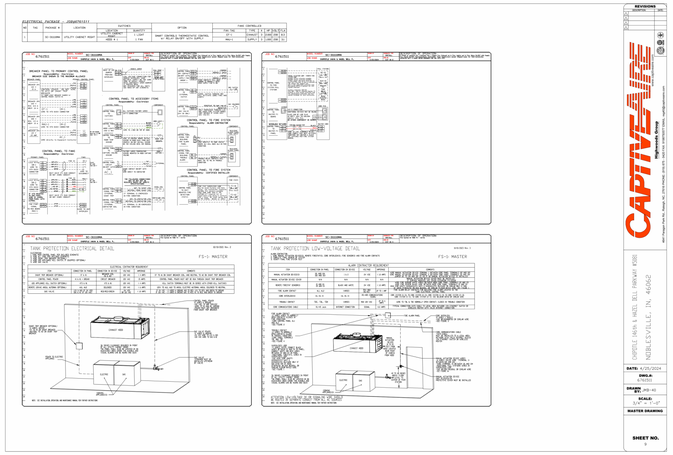
Contents: HVAC SCHEDULES

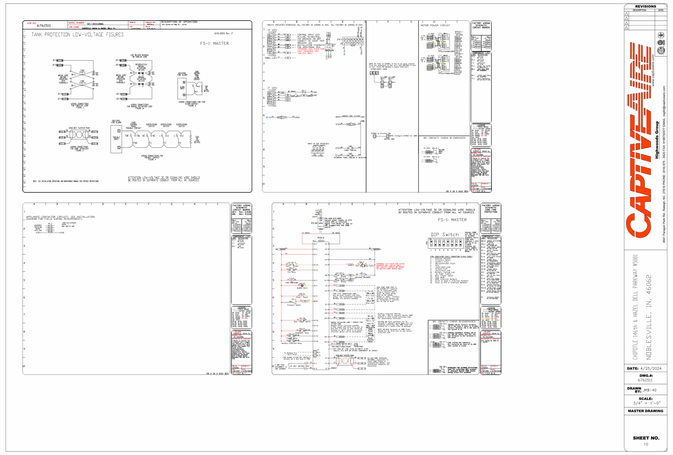
M600


FOR QUESTIONS, CALL THE
MANUFACTURER
PHONE: (614) 675 - 5400
WEBSITE: WWW.CAPTIVEAIRE.COM
PATENT NUMBERS
US PAT. NO. 7,674,324 B2 ; 8,475,555 ; US PATENT PENDING
US PAT. NO. 9,643,112 B2 ; US PATENT 9,925,486
US PAT. NO. 10,040,009 ; CA PATENT 2555936
HOOD INFORMATION — 20240701411
HOOD TAG: A
MODEL: PREMIUM
MANUFACTURER: CAPTIVE-AIRE
LENGTH: 10' 0"
TYPE: 1
APPLIANCE DUTY: HEAVY
DESIGN: 2556
TOTAL EXHAUST CFM: 2556
EXHAUST CFM PER LINEAR INCH: 15"
EXHAUST CFM PER SQUARE FOOT: 24"
WIDTH: 4'
MUA CFM: 2300
MUA TEMP: 70°F
HC TYPE: 678
HOOD CONSTRUCTION: 430 SS
LAMPS: ALIVE
HOOD CANOPY CONSTRUCTION: ALIVE
FILTER INFORMATION
HOOD TAG: A
FILTERS: QUANTITY: 6
EFFICIENCY @ # PA/INCH: CAPTIVE-JEL FILTER
SIZE: 16" x 20"
TYPE: WIRE MESH FILTER
LAMPS: 6
LOCATION: NEAR
SIZE: LSS SERIES 226
UNDERWRITERS LABORATORIES: TYPE: HOOD
SIZE: 10'
ELECTRICAL: MODEL #: SO-3022BRK
QUANTITY: 1 LIGHT 1 FAN
SWITCHES: SWITCH LOCATION: WALL
FIRE SUPPRESSION: TYPE: WET CHEMICAL
SIZE: TANK #3
QUANTITY: 4.0 KG
PIPING: SIZE: 12"x12"x24"
SPECIFICATION: CAPTIVE-JEL GREASE-STOP™ SOLID FILTER
THE CAPTIVE-JEL GREASE-STOP™ SOLID FILTER IS A UNIQUE, STATE-OF-THE-ART GREASE FILTRATION SYSTEM DESIGNED TO DELIVER EXCEPTIONAL FILTRATION EFFICIENCY.
THE FILTER SHALL BE OF WELDED CONSTRUCTION, AND SIZED TO FIT INTO STANDARD SLOT HOOD CHANNELS.
UNITS SHALL INCLUDE STAINLESS STEEL HANDLES AND A FASTENING DEVICE TO SECURE THE TWO FILTERS TOGETHER AT THE CENTER.
GREASE EXTRACTION EFFICIENCY PERFORMANCE SHALL MEASURE 97% PER ASTM F1704 STANDARD TEST METHOD FOR DETERMINING THE GREASE REMOVAL EFFICIENCY OF GREASE FILTERS. FILTERS SHALL BE CAPABLE OF HANDLING TEMPERATURES UP TO 205°F (96°C) WITHOUT DEFORMATION, MELTING, OR WATER CARRY-OVER. FILTERS SHALL BE CONSTRUCTED OF MULTIPLE LAYERS WITH A CORRESPONDING PROGRESSIVELY SMALLER MESH SIZE TO EXCEED 20 MICRONS. OF WATER GAUGE. MANUFACTURER SHALL BE ISO 9001:2015 CERTIFIED AND SHALL HAVE A MINIMUM OF 10 YEARS OF SUCCESSFUL APPLICATIONS AS A STAND ANDALONE MANUFACTURER.
PRESSURE DROP VS. FLOW RATE
PRESSURE DROP (IN. H2O)
FLOW RATE (CFM)
PARTICLE DIMENSION (UM)
CAPTIVE'S FILTERS ARE BUILT IN COMPLIANCE WITH NFPA STANDARD 96.
ALL SOLID FILTERS ARE UL LISTED.
WALL CURTAIN CONFIGURATION DETAIL
SUPPLY PLENUM CONFIGURATION DETAIL
HOOD OPTIONS
OPTION
QTY
DESCRIPTION
1
EXTD. WRAPPER - 0.036" HIGH - FRONT, LEFT, RIGHT
INSULATION FOR BACK OF HOOD
LEFT VERTICAL END PANEL - 42" TOP WIDTH, 20" BOTTOM WIDTH, 180° HEMI - INSULATED 430
RIGHT VERTICAL END PANEL - 42" TOP WIDTH, 20" BOTTOM WIDTH, 180° HEMI - INSULATED 430
1
LEFT VERTICAL END PANEL - 42" TOP WIDTH, 20" BOTTOM WIDTH, 180° HEMI - INSULATED 430
1
FULL EXHAUST HOOD PLENUM - 10'0"
PERSONALIZED SUPPLY PLENUM(S)
HOOD TAG
TYPE
SIZE
LENGTH
WIDTH
HEIGHT
TYPE
SUPPLY
QTY
SIZE
A
Front
120"
19"
6"
SLOT
1
24" x 5"
ASSEMBLY INSTRUCTIONS
HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 NYC THREADED ROD AT MAXIMUM 48" INTERVALS. ATTACH HANGING ANGLE AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 UNDERRUN STEEL PLATE WASHERS AND 1/2" - 13 NYC GRADE 5 HEX NUTS. ANCHORS SHALL BE NOT BENEATH HANGING ANGLE TO PREVENT THREADED BOLTS FROM BEING PULLED OUT. ANCHORS SHALL BE NOT BENEATH HANGING ANGLE TO PREVENT THREADED BOLTS FROM BEING PULLED OUT. ALL NUTS MUST BE SECURELY TIGHTENED BEFORE HEX NUT TORQUE
ASSEMBLY INSTRUCTIONS
HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 NYC THREADED ROD AT MAXIMUM 48" INTERVALS. ATTACH HANGING ANGLE AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 UNDERRUN STEEL PLATE WASHERS AND 1/2" - 13 NYC GRADE 5 HEX NUTS. ANCHORS SHALL BE NOT BENEATH HANGING ANGLE TO PREVENT THREADED BOLTS FROM BEING PULLED OUT. ANCHORS SHALL BE NOT BENEATH HANGING ANGLE TO PREVENT THREADED BOLTS FROM BEING PULLED OUT. ALL NUTS MUST BE SECURELY TIGHTENED BEFORE HEX NUT TORQUE
LAYER OF INSULATION ABOVE EXHAUST PLENUM AND BEHIND SUPPLY PLENUM (BY OTHERS)
TOP VIEW
SCALE: 3/8" = 1'-0"
ACCESS DOOR
ACCESS DOOR
ACCESS DOOR









FOR REFERENCE ONLY

Consultant:

NATIONAL ENGINEERING

4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Cliff Kigar
(614) 328-2033
ckigar@nationalengineering.com

FOR CONSTRUCTION

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 5081
146TH & HAZEL DELL PARKWAY
TBD 146TH & HAZEL DELL PARKWAY
CLAYTOWNSHIP, IN 46033

Issue Record:	
04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

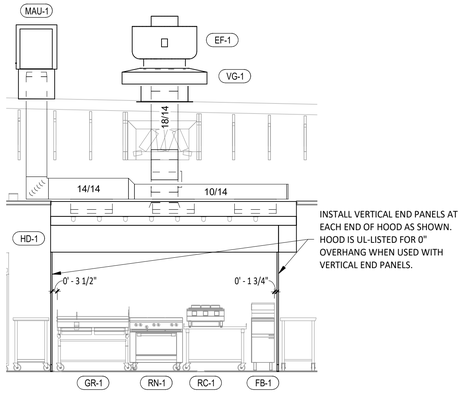
Revisions:

Drawn:	Checked:
CJK	CJK

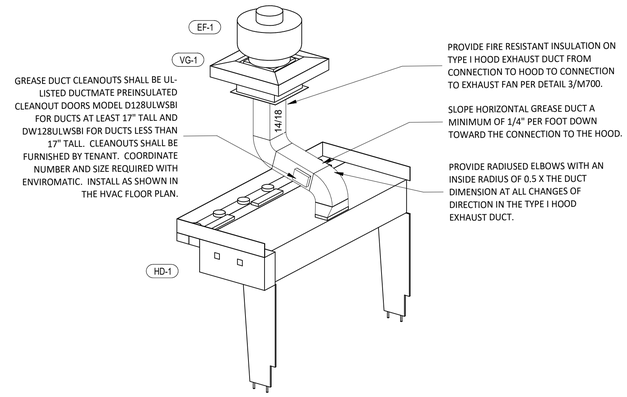
Project No.
2301081

Contents:
CAPTIVE AIRE DRAWINGS

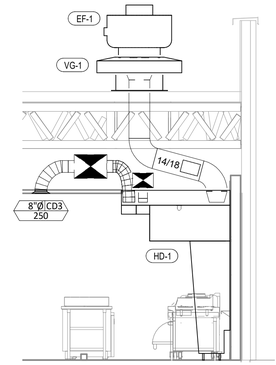
M606



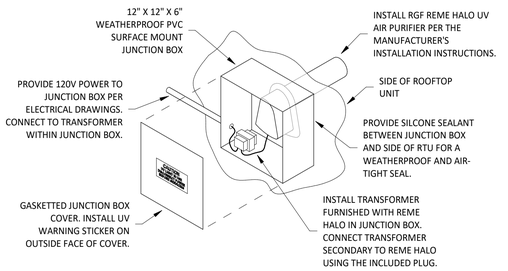
10 M700 **HOOD ELEVATION**
1/4" = 1'-0"



8 M700 **HOOD EXHAUST ISOMETRIC**
N.T.S.



7 M700 **DUCT SECTION AT HOOD**
1/4" = 1'-0"

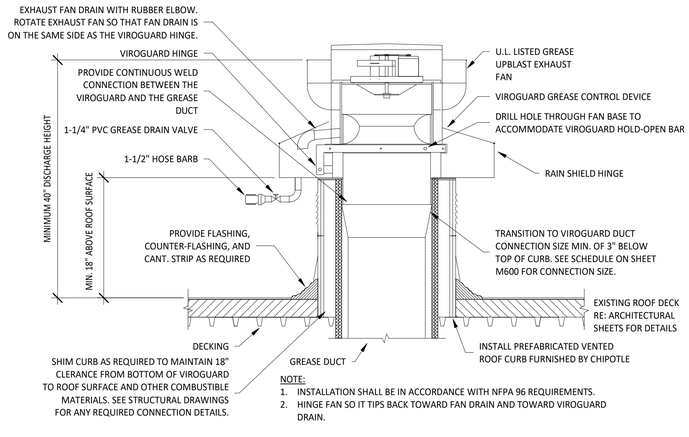


INSTALLATION LOCATION
INSTALL AIR PURIFIER WITH JUNCTION BOX ON OUTSIDE FACE OF ROOFTOP UNIT AND WITH UV LAMP TUBE EXTENDING INTO THE INTERIOR OF THE ROOFTOP UNIT. FIELD VERIFY EXACT LOCATION TO AVOID DAMAGING, TOUCHING, OR INTERFERING WITH ANY RTU INTERIOR COMPONENTS. INSTALLATION LOCATION SHALL BE AS FOLLOWS:

TRANE: INSTALL INTO THE SUPPLY AIR STREAM THROUGH THE REMOVABLE PANEL COVERING THE HORIZONTAL DISCHARGE SUPPLY AIR OPENING.

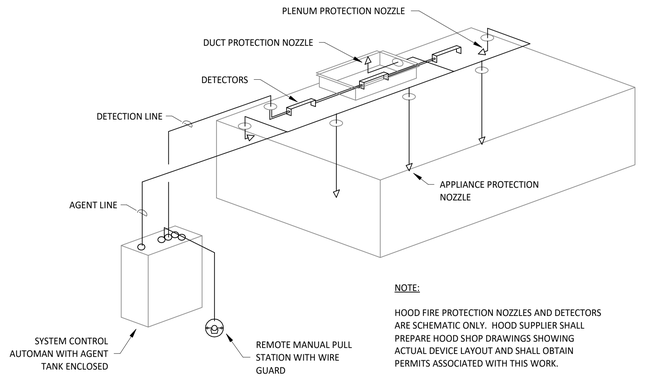
YORK: INSTALL INTO THE SUPPLY AIR PLENUM FROM THE BACK SIDE OF THE UNIT JUST ABOVE THE HEAT EXCHANGER.

6 M700 **UV AIR PURIFIER INSTALLATION**
N.T.S.



NOTE:
1. INSTALLATION SHALL BE IN ACCORDANCE WITH NFPA 96 REQUIREMENTS.
2. HINGE FAN SO IT TIPS BACK TOWARD FAN DRAIN AND TOWARD VIROGUARD DRAIN.

5 M700 **GREASE EXHAUST FAN**
N.T.S.

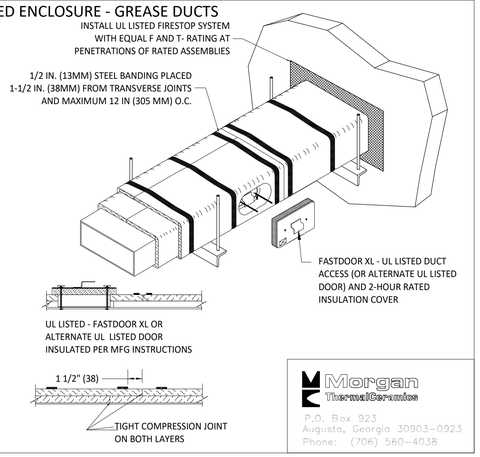


NOTE:
HOOD FIRE PROTECTION NOZZLES AND DETECTORS ARE SCHEMATIC ONLY. HOOD SUPPLIER SHALL PREPARE HOOD SHOP DRAWINGS SHOWING ACTUAL DEVICE LAYOUT AND SHALL OBTAIN PERMITS ASSOCIATED WITH THIS WORK.

4 M700 **FIRE SUPPRESSION SYSTEM SCHEMATIC**
N.T.S.

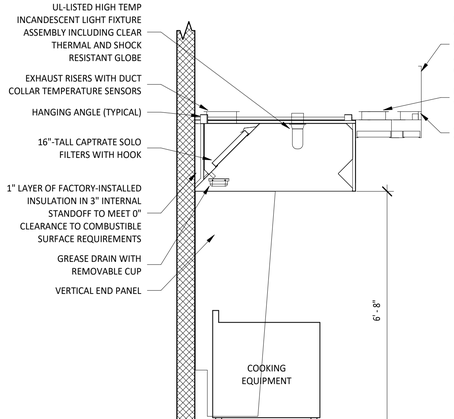
FIRE RATED ENCLOSURE - GREASE DUCTS

1. THERMAL CERAMICS FIREMASTER FASTWRAP XL IS TESTED TO ASTM E2336 AND UL LISTED PER HNKT.G18 TO PROVIDE ZERO CLEARANCE TO COMBUSTIBLES AND TO PROVIDE A 1- OR 2-HOUR ENCLOSURE. THROUGH PENETRATIONS FIRESTOP SYSTEMS ARE TESTED IN ACCORDANCE WITH ASTM E 814 (UL 1479). ICC CODE EVALUATION PER REPORT UL ER 14229-01.
2. COMPLIANT TO THE FOLLOWING CODES:
   - NFPA 96
   - INTERNATIONAL MECHANICAL CODES
   - UNIFORM MECHANICAL CODE.
   - CALIFORNIA MECHANICAL CODE
3. INSULATION APPLIED IN TWO LAYERS WITH TIGHT COMPRESSION JOINT ON BOTH LAYERS AT ALL JOINTS.
4. MINIMUM 16 GAUGE CARBON STEEL (OR 18 GAGE STAINLESS STEEL) RECTANGULAR OR ROUND GREASE EXHAUST DUCT
5. INSTALL UL LISTED AND LIQUID TIGHT THERMAL CERAMICS FASTDOOR XL ACCESS DOORS, OR ALTERNATE DOOR UL LISTED PER UL1978, AT ALL CHANGES IN DIRECTION AND AT MINIMUM EVERY 20 FT ON HORIZONTAL RUNS.
6. SUPPORT HANGER SYSTEMS DO NOT NEED TO BE WRAPPED PROVIDED THE HANGER RODS ARE MINIMUM OF 3/8 IN. DIAMETER AND SUPPORTS ARE MINIMUM 2 X 2 X 1/8 IN. STEEL ANGLE OR SMACNA EQUIVALENT SUPPORT SYSTEM.
7. THERMAL CERAMICS DUCT WRAP SHALL BE INSTALLED DIRECTLY ONTO THE DUCT AND APPLIED FROM THE HOOD CONNECTION TO THE CONNECTION TO THE FAN.
8. THERMAL CERAMICS DUCT ENCLOSURE SYSTEM SHALL BE INSTALLED IN STRICT ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS AND UL LISTINGS.

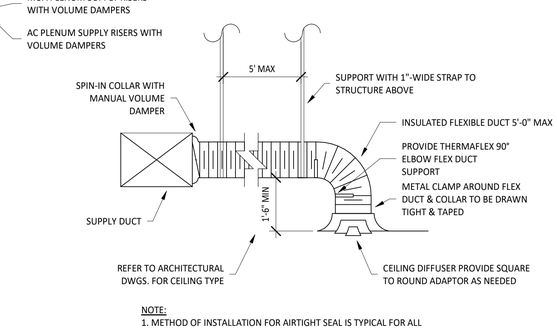


Morgan Thermal Ceramics
P.O. Box 923
Augusta, Georgia 30903-0923
Phone: (706) 560-4038

3 M700 **FIREMASTER DUCT WRAP - UL HNKT-G18**
N.T.S.



2 M700 **HOOD SECTION VIEW**
N.T.S.



NOTE:
1. METHOD OF INSTALLATION FOR AIRTIGHT SEAL IS TYPICAL FOR ALL FLEX CONNECTIONS TO AIR DISTRIBUTION DEVICES.

1 M700 **DIFFUSER CONNECTION**
N.T.S.

Consultant:
NATIONAL ENGINEERING
4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Cliff Kigar
(614) 328-2033
ckigar@nationalengineering.com

FOR CONSTRUCTION

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 5081
146TH & HAZEL DELL PARKWAY
TBD 146TH & HAZEL DELL PARKWAY
CLAYTOWNSHIP, IN 46033

Issue Record:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

Revisions:

Drawn: CJK
Checked: MPC

Project No.
2301081

Contents:
HVAC DETAILS

M700

SECTION 15055 - COMMON PIPING REQUIREMENTS
PART 1 - GENERAL
A. SECTION REQUIREMENTS
1. Comply with the requirements of the Building Code and the local authority having jurisdiction.
PART 2 - PRODUCTS
2.1 SUPPORTING DEVICES
A. Hanger and Pipe Attachments: Factory fabricated with galvanized coatings; nonmetallic coated for hangers in direct contact with copper tubing.
B. Building Attachments: Powder actuated type, drive pin attachments with pullout and shear capacities appropriate for supported loads and building materials; UL listing and FM approval for fire protection systems.
C. Mechanical Anchor Fasteners: Insert-type attachments with pullout and shear capacities appropriate for supported loads and building materials; UL listing and FM approval for fire protection systems.
PART 3 - EXECUTION
3.1 INSTALLATION
A. Install piping free of sags and bends.
B. Install fittings for changes in direction and branch connections.
C. Install sleeves for pipes passing through concrete and masonry walls, gypsum board partitions, and concrete floor and roof slabs.
D. Exterior Wall, Pipe Penetrations: Mechanical sleeve seals installed in steel or cast iron pipes for wall sleeves.
E. Fire Barrier Penetrations: Seal pipe penetrations with through-penetration firestop systems.
F. Install unions adjacent to each valve and at final connection to each piece of equipment.
G. Install dielectric unions and flanges to connect piping materials of dissimilar metals in gas piping.
H. Install dielectric coupling and nipple fittings to connect piping materials of dissimilar metals in water piping.
I. Provide full ring escutcheons at plumbing penetrations through walls or ceilings. Tightly seal escutcheons to the adjacent surface.
3.2 HANGERS AND SUPPORTS
A. Install building attachments within concrete or to structural steel. Install additional attachments at concentrated loads, including valves, flanges, guides, strainers, expansion joints, and at changes in direction of piping.
B. Install powder actuated drive pin fasteners in concrete after concrete is cured. Do not use in lightweight concrete or in slabs less than 4 inches thick.
C. Install mechanical anchor fasteners in concrete after concrete is cured. Do not use in lightweight concrete or in slabs less than 4 inches thick.
D. Support fire protection system piping independent of other piping.
E. Load Distribution: Install hangers and supports so piping live and dead loading and stresses from movement will not be transmitted to connected equipment.
END OF SECTION 15055

SECTION 15080 - MECHANICAL INSULATION
PART 1 - GENERAL
1.1 SECTION REQUIREMENTS
A. Submittals: None.
B. Quality Assurance: Labeled with maximum flame-spread rating of 25 and maximum smoke developed rating of 50 according to ASTM E 84.
PART 2 - PRODUCTS
2.1 PIPE INSULATION
A. Preformed Glass Fiber Pipe Insulation: ASTM C 547, Class 1, with factory applied, all purpose, vapor retarder jacket.
B. Polyolefin Pipe Insulation: Unicellular polyethylene, preformed pipe insulation. Comply with ASTM C 534, Type I, except for density.
PART 3 - EXECUTION
3.1 INSTALLATION
A. Install vapor barriers on insulated pipes with surface operating temperatures below 60 deg F.
B. Insulate fittings, valves, and specialties.
C. Seal vapor barrier penetrations for hangers, supports, anchors, and other projections.
D. Coat glass fiber pipe insulation ends with vapor barrier coating.
E. Roof Penetrations: Apply insulation for interior applications to a point even with the top of the roof flashing.
F. Exterior Wall Penetrations: For penetrations of below grade exterior walls, terminate insulation flush with mechanical sleeve seal.
G. Interior Walls and Partitions Penetrations: Apply insulation continuously through walls and partitions, except fire rated walls and partitions.
H. Fire Rated Walls and Partitions Penetrations: Terminate insulation at penetrations through fire rated walls and partitions. Seal around penetration with through penetration firestop systems.
I. Floor Penetrations: Terminate insulation at the underside of the floor assembly and at the floor support at top of floor. Seal around penetration with through penetration firestop systems.
J. Glass Fiber Insulation Installation: Bond insulation to pipe with adhesive. Seal seams and joints with vapor barrier compound.
K. Interior Piping System Applications: Insulate the following piping systems:
1. Domestic cold, hot, and recirculation water pipes.
2. Exposed sanitary drains and water supply pipes for public hand sinks.
3. Refrigerant piping.
L. Do not apply insulation to the following systems, materials, and equipment:
1. Flexible connectors.
2. Fire protection piping systems.
3. Sanitary drainage and vent piping.
4. Chrome plated pipes and fittings, except for plumbing fixtures for the disabled.
5. Piping specialties, including air chambers, unions, strainers, check valves, plug valves, and flow regulators.
M. Pipe Insulation Thickness Application Schedule: Insulate piping with the following materials and thicknesses:
1. Domestic Hot and Recirculation water pipes: 1-inch preformed glass fiber pipe insulation.
2. Domestic Cold Water: 1/2-inch preformed glass fiber pipe insulation.
3. P-Trap and Fixture Supplies for public hand sinks: ADA-compliant pre-formed insulation.
END OF SECTION 15080

SECTION 15110 - VALVES
PART 1 - GENERAL (Not Applicable)
PART 2 - PRODUCTS
2.1 GENERAL DUTY VALVES
A. End Connections: Threads shall comply with ANSI B1.20.1. Flanges shall comply with ANSI B16.1 for cast iron valves and ANSI B16.24 for bronze valves. Solder-joint connections shall comply with ANSI B16.18.
B. Ball Valves: Rated for 150 psig saturated steam pressure, 400 psig WOG pressure; 2 piece construction; with bronze body, standard (or regular) port, chrome plated brass ball, replaceable "Teflon" or "TFE" seats and seals, blowout proof stem, and vinyl covered steel handle.
C. Plug Valves: Rated at 150 psig WOG; bronze body, with straightaway pattern, square head, and threaded ends.
D. Swing Check Valves: Class 125, cast bronze body and cap; with horizontal swing, Y-pattern, and bronze disc.
E. Valves for Copper Tube: Solder ends, except provide threaded ends for heating hot water and low pressure steam service.
F. Valves for Steel Pipe: Threaded ends.
PART 3 - EXECUTION
3.1 INSTALLATION
A. Use gate and ball valves for shutoff duty and ball for throttling duty.
B. Locate valves for easy access and provide separate support where necessary.
C. Install accessible valves for each fixture and item of equipment.
D. Install valves in horizontal piping with stem at or above center of pipe.
E. Install valves in a position to allow full stem movement.
F. Install check valves for proper direction of flow in horizontal position with hinge pin level.
END OF SECTION 15110

SECTION 15140 - DOMESTIC WATER PIPING
PART 1 - GENERAL
1.1 SECTION REQUIREMENTS
A. Performance Requirements: Unless otherwise indicated minimum pressure requirements for water piping are as follows:
1. Service Entrance Piping: 100 psig.
2. Domestic Water Piping: 80 psig.
B. Comply with NSF 14 "Plastic Piping Components and Materials."
C. Comply with NSF 61 "Drinking Water System Components -- Health Effects."
PART 2 - PRODUCTS
2.1 PIPES AND TUBES (See Material Schedule on sheet P010 for where these materials are to be used)
A. Hard Copper Tube: ASTM B 88, Types L and M, water tube, drawn temper.
2.2 FITTINGS
A. Wrought Copper, Solder Joint Pressure Fittings: ASME B 16.22.
B. Cast Copper Alloy, Solder Joint Pressure Fittings: ASME B 16.18.
C. Bronze Flanges: ASME B 16.24, Classes 150 and 300.
D. Copper Unions: ASME B 16.18, cast copper alloy body, hexagonal stock, with ball and socket joint, metal to metal seating surfaces, and solder joint, threaded, or solder joint and threaded ends. Threads complying with ASME B 1.20.1.
E. Copper and Copper Alloy Press-Connect Pressure FittingsCopper Press Fittings: ASME B16.51
2.3 JOINING MATERIALS
A. Solder Filler Metal: ASTM B 32, lead free.
B. Brazing Filler Metals: AWS A5.8, alloys to suit system requirements.
C. Solvent Cements: As recommended by manufacturer.
D. Plastic Pipe Seals: ASTM F 477, elastomeric gasket.
PART 3 - EXECUTION
3.1 VALVE APPLICATIONS
A. Install gate valves close to main on each branch and riser serving two or more plumbing fixtures or equipment connections and where indicated.
B. Install gate or ball valves on inlet to each plumbing equipment item, on each supply to each plumbing fixture not having stops on supplies, and elsewhere as indicated.
C. Install drain valve at base of each riser, at low points of horizontal runs, and where required to drain water distribution piping system.
D. Install swing check valve on discharge side of each pump and elsewhere as indicated.
E. Install ball valves in each hot water circulating loop and discharge side of each pump.
3.2 PIPING INSTALLATIONS
A. Install hangers and supports at intervals indicated in the applicable plumbing code and as recommended by pipe manufacturer.
B. Support vertical piping at each floor.
3.3 INSPECTING AND CLEANING
A. Inspect and test piping systems following procedures of authorities having jurisdiction.
B. Clean and disinfect water distribution piping following procedures of authorities having jurisdiction.
END OF SECTION 15140

SECTION 15150 - SANITARY WASTE AND VENT PIPING
PART 1 - GENERAL
1.1 SECTION REQUIREMENTS
A. Minimum Pressure Requirement for Soil, Waste and Vent: 10 feet head.
B. Comply with NSF 14 "Plastic Piping Components and Related Materials".
PART 2 - PRODUCTS
2.1 PIPES AND TUBES
A. PVC Plastic, DWV Pipe: ASTM D 2665, Schedule 40, plain ends.
2.2 FITTINGS
A. PVC Plastic, DWV Pipe Fittings: ASTM D 2665, made to ASTM D 3311; socket type; drain, waste, and vent pipe patterns.
PART 3 - EXECUTION
3.1 PIPING INSTALLATION
A. Install cleanout and extension to grade at connection of building sanitary drain and building sanitary sewer.
B. Locate drainage piping runouts as close as possible to bottom of floor slab supporting fixtures or drains.
3.2 INSPECTION
A. Inspect and test piping systems following procedures of authorities having jurisdiction.
END OF SECTION 15150

SECTION 15198 - NATURAL GAS PIPING
PART 1 - GENERAL
1.1 SECTION REQUIREMENTS
A. Quality Assurance: Comply with NFPA 54 and the Plumbing Code.
PART 2 - PRODUCTS
2.1 PIPE, TUBE, AND SPECIALTIES
A. Steel Pipe: ASTM A 53, Type S (Seamless), Grade B, Schedule 40, plain ends.
B. Fittings:
a. Malleable Iron Threaded Fittings: ASME B16.3, Class 150.
b. Cold Press Mechanical Joint Fitting System: Viega MegaPress
C. Manual Valves: Comply with standards listed or, if appropriate, to ANSI Z21.15.
D. Gas Stops: AGA certified, bronze-body, plug type with bronze plug, for 2-psig or less natural gas. Include AGA stamp, flat or square head or lever handle, and threaded ends complying with ASME B1.20.1.
E. Gas Valves: 150-psig WOG, cast-iron or bronze body, bronze plug, straightaway pattern, square head, tapered-plug type.
F. Gas Pressure Regulators: ANSI Z21.18, single stage, steel jacketed, corrosion resistant pressure regulators. Include atmospheric vent, elevation compensator. Regulator pressure ratings, inlet and outlet pressures, and flow volume in cubic feet per hour of natural gas at specific gravity are as indicated.
G. Line Gas Pressure Regulators: Inlet pressure rating not less than system pressure.
H. Flexible Connectors: ANSI Z21.24, copper alloy.
I. Strainers: Bronze body, Y-pattern, full size of connecting piping. Include stainless-steel screens with 3/64 inch perforations and a pressure rating of 125-psig- minimum, WOG working pressure.
PART 3 - EXECUTION
3.1 INSTALLATION
A. Close equipment shutoff valves before turning off gas to premises or section of piping. Perform leakage test as specified to determine that all equipment is turned off in affected piping section.
B. Install shutoff valve, downstream from gas meter, outside building at gas service entrance.
C. Install gas stops for shutoff to appliances with NPS 2" or smaller low pressure gas supply.
D. Drips and Sediment Traps: Install drips at points where condensate may collect. Include outlets of gas meters. Locate where readily accessible to permit cleaning and emptying. Do not install where condensate would be subject to freezing.
E. Install gas piping at uniform slope of 0.1 percent upward toward risers.
F. Connect branch piping from top or side of horizontal piping.
G. Install strainers on supply side of each control valve, gas pressure regulator, solenoid valve, and elsewhere as indicated.
H. Install valves in accessible locations, protected from damage.
I. Install gas valve upstream from each gas pressure regulator. Where two gas-pressure regulators are installed in series, valve is not required at second regulator.
J. Connect gas piping to equipment and appliances with shutoff valves and unions. Install gas valve upstream from and within 36 inches of each appliance using gas. Install union or flanged connection downstream from valve.
K. Inspect, test, and purge piping according to NFPA 54, Part 4, "Gas Piping Inspection, Testing, and Purging", and requirements of authorities having jurisdiction.
END OF SECTION 15198

SECTION 15410 - PLUMBING FIXTURES
PART 1 - GENERAL
1.1 SECTION REQUIREMENTS
Submittals: None.
A. Comply with requirements of Public Law 102-486, "Energy Policy Act", regarding water flow rate and water consumption of plumbing fixtures.
B. Comply with applicable standards below:
1. Enameled, Cast Iron Fixtures: ASME A112.19.1M.
2. National Sanitation Foundation Construction: NFS2.
3. Porcelain Enameled Fixtures: ASME A112.19.4M.
4. Slip Resistant Bathing Surfaces: ASTM F 462.
5. Stainless Steel Fixtures: ASME A112.19.3M.
6. Vitreous China Fixtures: ASME A112.19.2M.
PART 2 - PRODUCTS
2.1 Refer to the fixture schedule on drawing P600
PART 3 - EXECUTION
3.1 INSTALLATION
A. Install fixtures with flanges and gasket seals.
B. Install flushometer valves for accessible water closets and urinals with handle mounted on wide side of compartment. Install other actuators in locations that are easy for the disabled to reach.
C. Fasten wall hanging plumbing fixtures securely to supports attached to building substrate when supports are specified, and to building wall construction where no support is indicated.
D. Fasten floor mounted fixtures to substrate. With fixtures having holes for securing fixture to wall construction, fasten to reinforcement built into walls.
E. Fasten wall mounted fittings to reinforcement built into walls.
F. Fasten counter mounted plumbing fixtures to casework.
G. Secure supplies to supports or substrate within pipe space behind fixture.
H. Set mop basins in leveling bed of cement grout.
I. Install individual supply inlets, supply stops, supply risers, and tubular brass traps with cleanouts at fixture.
J. Install water supply stop valves in accessible locations.
K. Install traps on fixture outlets. Omit traps on fixtures having integral traps. Omit traps on indirect wastes, unless otherwise indicated or required by the Authority Having Jurisdiction.
L. Install full-ring escutcheons at wall, floor, and ceiling penetrations in exposed, finished locations and within cabinets and millwork. Use deep pattern escutcheons where required to conceal protruding pipe fittings.
M. Install piping connections between plumbing fixtures and piping systems and plumbing equipment. Install insulation on supplies and drains of fixtures for the disabled.
N. Ground equipment. Tighten electrical connectors and terminals according to UL 486A and UL 486B.
END OF SECTION 15410

SECTION 15554 - FLUES AND VENTS
PART 1 - GENERAL
1.1 SECTION REQUIREMENTS
A. Submittals: None.
PART 2 - PRODUCTS
2.1 GAS VENTS
A. Vent/air intake for high efficiency domestic water heater. Follow manufacturer's recommendations for sizing and material.
B. Accessories: Tees, elbows, increasers, draft hood connectors, metal cap with bird barrier, adjustable roof flashing, storm collar, support assembly, thimbles, firestopping spacers, and fasteners; fabricated of similar materials and designs as vent-pipe straight sections.
PART 3 - EXECUTION
3.1 INSTALLATION
A. Install vents according to stipulated minimum clearances from combustibles.
B. Seal between sections of positive pressure vents using only sealants recommended by manufacturer.
C. Support vents at intervals to support the weight of the vent and all accessories, without exceeding loading of appliances.
END OF SECTION 15554

PLUMBING GENERAL NOTES

A GENERAL NOTES APPLY TO PLUMBING SHEETS.
B PLUMBING WORK SHALL BE DONE IN ACCORDANCE WITH THE PLUMBING CODE, LOCAL HEALTH DEPARTMENT STANDARDS, AND THE AUTHORITY HAVING JURISDICTION. SEE ARCHITECTURAL SHEETS FOR THE PREVAILING CODES.
C PIPING LAYOUTS ON DRAWINGS ARE SCHEMATIC. EXACT LOCATIONS ARE TO BE COORDINATED WITH THE EXISTING CONDITIONS AND THE WORK OF OTHER TRADES.
D CONCEAL PIPING UNLESS NOTED OTHERWISE. WATER SUPPLY PIPES SHALL BE INSTALLED LEVEL.
E PROVIDE SHUT-OFF VALVES FOR ISOLATION OF FIXTURE GROUPS AS SHOWN ON DRAWINGS IN ADDITION TO STOP VALVES AT EACH FIXTURE.
F PROVIDE STOP VALVES AT FIXTURES.
G PROVIDE TRAP PRIMERS FOR FLOOR DRAINS.
H WHERE THE WATER OR GAS SUPPLY LINE SIZE SHOWN IN THE PLUMBING DIAGRAMS DIFFERS FROM THE FIXTURE OR EQUIPMENT CONNECTION SIZE, PROVIDE LINE SIZE PIPE TO WITHIN 6" OF THE FIXTURE OR EQUIPMENT BEFORE TRANSITIONING TO THE CONNECTION SIZE.
I PIPING IN EXTERIOR WALLS SHALL BE INSTALLED BETWEEN THE INSULATION AND THE INTERIOR WALL FINISHING MATERIAL.
J INSULATE THE HOT AND COLD WATER, CONDENSATE DRAINAGE, AND STORM PIPING PER THE SPECIFICATIONS AND DETAIL 8/P700.
K PROVIDE GAS SHUT-OFF VALVES AT EACH PIECE OF EQUIPMENT. PROVIDE ACCESSIBLE DIRT LEG AT THE BOTTOM OF VERTICAL SECTIONS OF GAS PIPE AND AT THE CONNECTION TO EACH PIECE OF EQUIPMENT.
L PLUMBING FIXTURES, ACCESSORIES, AND MATERIALS PROVIDED FOR DOMESTIC WATER SHALL BE LEAD FREE.
M PRIOR TO TURNOVER PERFORM A VIDEO INSPECTION OF THE SANITARY AND GREASE LINES FROM THE MAIN LINES WITHIN THE TENANT SPACE TO THE MAIN SEWER TO VERIFY THAT THE SANITARY WASTE SYSTEM IS CONNECTED, CLEAN, AND FREE OF SAGS, BELLIES, BREAKS, AND DEBRIS. DELIVER A REPORT AND COPY OF THE VIDEO TO THE TENANT'S CONSTRUCTION MANAGER PRIOR TO TURNOVER.
N THE TERM "FURNISH" MEANS SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS. THE TERM "INSTALL" DESCRIBES THE OPERATIONS AT THE PROJECT SITE INCLUDING THE ACTUAL UNLOADING, UNPACKING, ASSEMBLY, ERECTING, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS. THE TERM "PROVIDE" MEANS TO FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE.
O PRIOR TO CONNECTION TO ANY EXISTING SEWER SYSTEM PERFORM A DIE TEST TO VERIFY THE TYPE OF SYSTEM AND THE DIRECTION OF FLOW. REPORT ANY DEVIATION FROM THE CONSTRUCTION DOCUMENTS TO THE TENANT'S CONSTRUCTION MANAGER.
P PROVIDE SANITARY AND GREASE WASTE PIPES AT A MINIMUM SLOPE OF 1/4" PER FOOT UNLESS NOTED OTHERWISE.
Q INSTALL SHUTOFF AND ISOLATION VALVES SHOWN TO BE ABOVE CEILINGS IN ACCESSIBLE LOCATIONS WITHIN 12" OF LAY-IN CEILINGS.
R WORK SHOWN SHALL BE BY GC UNLESS NOTED OTHERWISE.

PLUMBING SYMBOLS

ELBOW UP
ELBOW DOWN
DOMESTIC COLD WATER
DOMESTIC FILTERED COLD WATER
DOMESTIC SOFTENED COLD WATER
DOMESTIC HOT WATER (110 DEGREES)
DOMESTIC HOT WATER RECIRC.
GAS
GAS (ON ROOF)
SANITARY WASTE
GREASE WASTE
SANITARY VENT
CONDENSATE DRAIN
PLAN NOTE: SEE PLAN NOTES LISTED ON THE SAME SHEET FOR NOTE MEANING
CONNECT TO EXISTING
REDUCED PRESSURE ZONE BACKFLOW PREVENTER
WATER METER
GAS METER
EQUIPMENT TAG: SEE EQUIPMENT SCHEDULE ON SHEET P600 FOR EQUIPMENT INFORMATION
VALVE
SOLENOID-OPERATED VALVE
WALL HYDRANT/ROOF HYDRANT
CHECK VALVE
CIRCUIT-SETTER BALANCE VALVE RATED FOR POTABLE WATER
FLOOR DRAIN
FLOOR SINK
CLEANOUT

PLUMBING ABBREVIATIONS

AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
(E)	EXISTING
EXT'G	EXISTING
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FS	FLOOR SINK
GCO	GRADE CLEANOUT
CO2AS	TENANT'S CO2 ALARM SUPPLIER
GC	TI GENERAL CONTRACTOR
HES	TENANT'S HVAC EQUIPMENT SUPPLIER
HS	TENANT'S HOOD SUPPLIER
KES	TENANT'S KITCHEN EQUIPMENT SUPPLIER
SHGC	SHELL GENERAL CONTRACOTR
TAB	TENANT'S TEST AND BALANCE VENDOR
TCC	TENANT'S CABLING CONTRACTOR
TDC	TENANT'S DUCT CLEANER
TEMS	TENANT'S ENERGY MANAGEMENT SYSTEM SUPPLIER
TLS	TENANT'S LIGHT/LAMP SUPPLIER
TMB	TENANT'S MENU BOARD SUPPLIER
TMS	TENANT'S MILLWORK SUPPLIER
TP	TENANT'S PHONE SUPPLIER
TPS	TENANT'S PANELBOARD SUPPLIER
TRS	TENANT'S RAILING SUPPLIER
TSV	TENANT'S SIGN VENDOR
TUV	TENANT'S UV SANITIZER SUPPLIER
WCS	TENANT'S WALK-IN COOLER SUPPLIER
WHS	TENANT'S WATER HEATER SUPPLIER

PLUMBING MATERIAL SCHEDULE

CATEGORY	APPLICATION	ALLOWABLE MATERIAL
WATER SUPPLY PIPE	ABOVE GRADE	TYPE L COPPER TUBE
NATURAL GAS PIPE	CONCEALED	SCH. 40 STEEL PIPE, MALLEABLE IRON THREADED FITTINGS
	EXPOSED	SCH. 40 STEEL PIPE, MALLEABLE IRON THREADED FITTINGS, PAINTED
SANITARY WASTE & VENT PIPE	ABOVE GROUND, CONCEALED	PVC PLASTIC DWV PIPE AND FITTINGS
	ABOVE GROUND PREP SINK AND WARE WASHING SINK DRAINS	PVC PLASTIC DWV PIPE AND FITTINGS
	ABOVE GROUND HAND SINK DRAINS	BRASS WITH CHROME FINISH
	BELOW GROUND	PVC PLASTIC DWV PIPE AND FITTINGS

Consultant:
NATIONAL ENGINEERING
4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Cliff Kigar
(614) 328-2033
ckigar@nationalengineering.com

FOR CONSTRUCTION

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 5081
146TH & HAZEL DELL PARKWAY
TBD 146TH & HAZEL DELL PARKWAY
CLAYTOWNSHIP, IN 46033

Issue Record:
04/26/2024 PERMIT SET
07/01/2024 BID SET
07/01/2024 CONSTRUCTION SET

Revisions:

Drawn: CJK
Checked: MPC

Project No.
2301081

Contents:
PLUMBING SPECIFICATIONS

P010

PLUMBING FIXTURE SUPPLY CONNECTIONS

ROUGH-IN TYPE KEY

ANGLE 3/8"	BRASS CRAFT KTR19 OR EQUAL (BRASS/CHROME 1/4 TURN ANGLED BALL STOP WITH 3/8" COMPRESSION CONNECTION)
ANGLE 1/2"	BRASS CRAFT R39X C OR EQUAL (BRASS/CHROME MULTI-TURN ANGLED STOP WITH 1/2" COMPRESSION CONNECTION)
ANGLE 3/4"	EVERFLOW 74342-NL W/ 3/4" SWEAT X MIP ADAPTER OR EQUAL (BRASS ANGLE STOP W/ 3/4" FIP INLET AND OUTLET)
DIRECT	PROVIDE COPPER PIPE IN CONNECTION SIZE SHOWN TO FIXTURE
HOSE 1/2"	ARROWHEAD BRASS WM50F OR EQUAL (BRASS/CHROME WASHING MACHINE VALVE W/ 3/4" MHT OUTLET)
MIP	PROVIDE PIPE WITH MIP THREAD STUBBED OUT OF WALL IN CONNECTION SIZE SHOWN AND LENGTH COMPATIBLE WITH FIXTURE AND WALL MATERIAL/FINISHES.

		CONNECTION SIZES		ROUGH-IN	FIXTURE UNITS (EACH)				FIXTURE UNITS (TOTAL)		
TAG	FIXTURE	CW	HW	TYPE	CW	HW	TOTAL	COUNT	CW	HW	TOTAL
BFP-1	RPZ BACKFLOW PREVENTER	1/2"		DIRECT	1		1	1	1		1
DM-1	DISH SANITIZING MACHINE (PUMPED OUTLET)		3/4"	ANGLE 3/4"	0	1	1	1	0	1	1
ET-1	EXPANSION TANK	3/4"		DIRECT	0	0	0	1	0	0	0
GI-1	GREASE INTERCEPTOR						0	1			0
HB-1	HOSE BIBB	1/2"	1/2"	MIP	1.5	1.5	2	1	1.5	1.5	4
HB-2	HOSE BIBB	1/2"		MIP	1.5	0	1.5	1	1.5	0	1.5
HS-1B	RESTROOM HAND SINK FAUCET	1/2"	1/2"	ANGLE 3/8"	1.5	1.5	2	1	1.5	1.5	4
HS-2	KITCHEN HAND SINK	1/2"	1/2"	ANGLE 3/8"	1.5	1.5	2	1	1.5	1.5	6
IM-1	ICE MAKER - BOH	1/2"		HOSE 1/2"	1	0	1	1	1	0	1
IM-2	ICE MAKER - SODA	1/2"		HOSE 1/2"	1		1	1	1		1
IM-3	ICE MAKER - SODA	1/2"		HOSE 1/2"	1		1	1	1		1
MB-1B	MOP BASIN FAUCET	1/2"	1/2"	MIP	2.25	2.25	3	1	2.25	2.25	3
PF-1	POT FILLER	1/2"		MIP	1.5	0	1.5	1	1.5	0	1.5
RH-1	FREEZE PROOF ROOF HYDRANT	3/4"		DIRECT	1	0	1	1	1	0	1
SK-1	THREE COMPARTMENT SINK	1/2"	1/2"	ANGLE 1/2"	4	4	4	1	4	4	4
SK-2	PREP SINK	3/4"	3/4"	ANGLE 3/4"	3	3	4	1	3	3	4
WC-1	WATER CLOSET	1/2"		ANGLE 3/8"	5	0	5	1	5	0	10
WH-1	FROST PROOF WALL HYDRANT	3/4"		DIRECT	1	0	1	1	1	0	2
WS-1	WATER SOFTENER	1"		DIRECT	0	0	0	1	0	0	0
											46

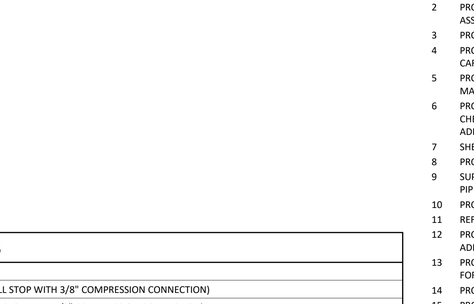
CONNECTED GAS LOAD

FIXTURE	TAG	MBH	EQUIVALENT LENGTH FROM METER [FT]
WATER HEATER	DWH-1	199	65
WATER HEATER	DWH-2	199	65
GAS FRYER	FB-1	90	75
GRIDDLE	GR-1	107	80
MAKEUP AIR UNIT	MAU-1	225	110
RICE COOKER	RC-1	33	75
RANGE	RN-1	192	80
KITCHEN ROOFTOP UNIT	RTU-1	180	65
DINING ROOFTOP UNIT	RTU-2	240	115
Grand total		1465	MAX: 115

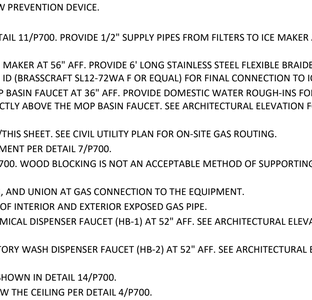
NOTES:
1. PRESSURE REQUIRED AFTER METER: 7" W.C.
2. DISTANCES ARE APPROXIMATE

PLUMBING SUPPLY PLAN NOTES

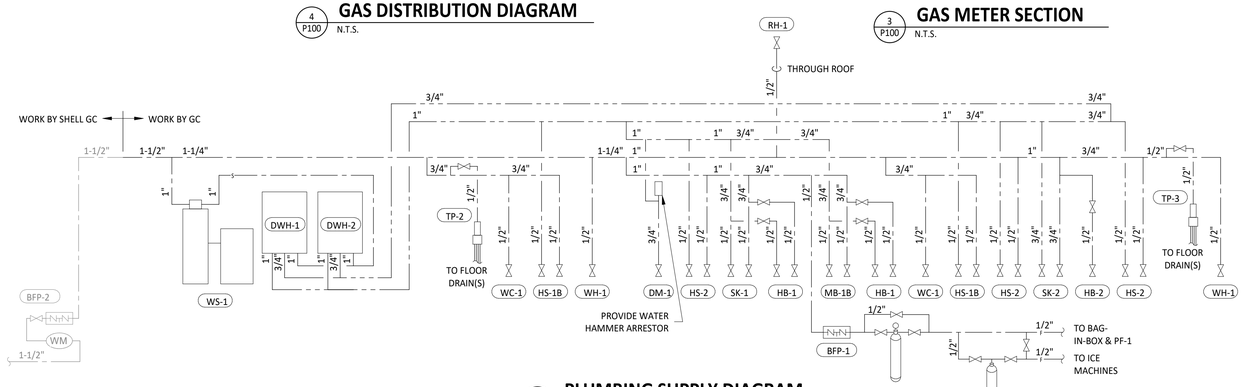
1 SHELL GC TO PROVIDE NEW 1-1/2" WATER DOMESTIC WATER LINE. SEE CIVIL DRAWINGS FOR CONTINUATION.
2 PROVIDE 1/2" FILTERED WATER TO THE BAG-IN-BOX SODA CARBONATOR AT 102" AFF. SODA CARBONATOR SHALL HAVE AN INTEGRAL ASSE 1022-RATED CARBONATED BEVERAGE BACKFLOW PREVENTION DEVICE.
3 PROVIDE WATER HEATER DWH-1 PER DETAIL 1/P700.
4 PROVIDE WATER FILTERS MOUNTED TO WALL PER DETAIL 11/P700. PROVIDE 1/2" SUPPLY PIPES FROM FILTERS TO ICE MAKER AND SODA CARBONATOR AS SHOWN.
5 PROVIDE 1/2" FILTERED WATER ROUGH-IN TO THE ICE MAKER AT 56" AFF. PROVIDE 6' LONG STAINLESS STEEL FLEXIBLE BRAIDED WASHING MACHINE WATER CONNECTOR WITH MINIMUM 0.43" ID (BRASSCRAFT SL12-72WA F OR EQUAL) FOR FINAL CONNECTION TO ICE MAKER.
6 PROVIDE DOMESTIC WATER ROUGH-INS FOR THE MOP BASIN FAUCET AT 36" AFF. PROVIDE DOMESTIC WATER ROUGH-INS FOR THE CHEMICAL DISPENSER FAUCET (HB-1) AT 64" AFF DIRECTLY ABOVE THE MOP BASIN FAUCET. SEE ARCHITECTURAL ELEVATION FOR ADDITIONAL INFORMATION.
7 SHELL GC TO PROVIDE NEW GAS METER PER DETAIL 3/THIS SHEET. SEE CIVIL UTILITY PLAN FOR ON-SITE GAS ROUTING.
8 PROVIDE GAS CONNECTIONS TO THE COOKING EQUIPMENT PER DETAIL 7/P700.
9 SUPPORT THE GAS PIPE ON THE ROOF PER DETAIL 5/P700. WOOD BLOCKING IS NOT AN ACCEPTABLE METHOD OF SUPPORTING THE GAS PIPE.
10 PROVIDE ACCESSIBLE LINE-SIZED GAS VALVE, DIRT LEG, AND UNION AT GAS CONNECTION TO THE EQUIPMENT.
11 REFER TO ARCHITECTURAL DRAWINGS FOR PAINTING OF INTERIOR AND EXTERIOR EXPOSED GAS PIPE.
12 PROVIDE DOMESTIC WATER ROUGH-INS FOR THE CHEMICAL DISPENSER FAUCET (HB-1) AT 52" AFF. SEE ARCHITECTURAL ELEVATION FOR ADDITIONAL INFORMATION.
13 PROVIDE DOMESTIC WATER ROUGH-INS FOR THE VICTORY WASH DISPENSER FAUCET (HB-2) AT 52" AFF. SEE ARCHITECTURAL ELEVATION FOR ADDITIONAL INFORMATION.
14 PROVIDE ROUGH-INS TO RESTROOM HAND SINKS AS SHOWN IN DETAIL 14/P700.
15 PROVIDE KITCHEN EQUIPMENT GAS SHUTOFF 6" BELOW THE CEILING PER DETAIL 4/P700.
16 CONNECT CHEMICAL DISPENSER TO HB-1. CHEMICAL DISPENSER HAS AN INTEGRAL AIR GAP AS IS SHOWN IN DETAIL 10/P700.
17 PROVIDE ASSE 1016/1070 POINT-OF-USE THERMOSTATIC MIXING VALVE, WATTS LFUSG-B, ON WATER SUPPLY TO KITCHEN HAND SINKS. PROVIDE ANGLE STOP BELOW SINK, FASTEN MIXING VALVE TO WALL, AND MAKE FINAL CONNECTION FROM ANGLE STOPS TO MIXING VALVE AND FROM MIXING VALVE TO FAUCET USING BRAIDED STAINLESS STEEL HOSE. ADJUST MIXING VALVE FOR A DISCHARGE TEMPERATURE OF APPROXIMATELY 110° F.
18 PROVIDE ACCESSIBLE VALVE IN WATER SUPPLY TO FIXTURE AS SHOWN.
19 PROVIDE GAS CONNECTION TO THE RICE COOKER PER DETAIL 6/P700.
20 PROVIDE GAS ROUGH-IN TO FRYER BEHIND RICE COOKER TABLE SO THAT VALVES AND DIRT LEG ARE ACCESSIBLE ONCE FRYER IS SECURED INTO PLACE.
21 PROVIDE WATER SOFTENER AS SHOWN IN DETAIL 16/P700.
22 INSTALL RGF IMSB ICE MAKER SANITIZER FURNISHED BY TUV PER CHIPOTLE'S INSTALLATION INSTRUCTIONS.
23 PROVIDE 3/4" DOMESTIC HOT AND COLD WATER ROUGH-INS FOR THE PREP SINK (SK-2) FAUCET AT 24" AFF TO ALLOW FOR THE VICTORY WASH CHEMICAL DOCK TO BE INSTALLED DIRECTLY BELOW THE PREP SINK BASIN. MAKE FINAL CONNECTION TO PREP SINK FAUCET USING 3/4" BRAIDED STAINLESS STEEL WATER HEATER CONNECTOR HOSE.
24 PROVIDE 3/4" HOT WATER TO THE DISH MACHINE, MAKING FINAL CONNECTION USING CONNECTION HOSE FURNISHED WITH DISH MACHINE. PROVIDE WATER HAMMER ARRESTOR ON HOT WATER LINE. PROVIDE AN ACCESSABLE SHUTOFF VALVE BELOW THE DISH MACHINE AND INSTALL THE STRAINER FURNISHED WITH THE DISH MACHINE IN AN ACCESSIBLE LOCATION AT THE CONNECTION TO THE UNIT.
25 PROVIDE ROOF HYDRANT RH-1 WITH BOTTOM OF NOZZLE INSTALLED 24" ABOVE THE BOTTOM OF ROOF DECK. PROVIDE ACCESSIBLE ISOLATION VALVE IN WATER SUPPLY TO ROOF HYDRANT. SUPPORT ROOF HYDRANT PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
26 PROVIDE FILTERED DOMESTIC WATER ROUGH-INS FOR THE SPEED FILL POT FILLER FAUCET (PF-1) AT 40" AFF. SEE ARCHITECTURAL ELEVATION FOR DETAIL.
27 PROVIDE 1/2" FILTERED WATER ROUGH-IN TO THE ICE MAKER AT 24" AFF. PROVIDE 6' LONG STAINLESS STEEL FLEXIBLE BRAIDED WASHING MACHINE WATER CONNECTOR WITH MINIMUM 0.43" ID (BRASSCRAFT SL12-72WA F OR EQUAL) FOR FINAL CONNECTION TO ICE MAKER.
28 INSTALL RGF IMSB ICE MAKER SANITIZER FURNISHED BY TUV PER CHIPOTLE'S INSTALLATION INSTRUCTIONS. LOCATE IMSB BELOW UTENSIL COUNTER IN A LOCATION THAT DOES NOT INTERFERE WITH THE ROLLING RACK BELOW THE UTENSIL COUNTER.
29 PROVIDE ACCESSIBLE TRAP PRIMER ABOVE LAY-IN CEILING AS SHOWN. INSTALL PER MANUFACTURER'S INSTALLATION INSTRUCTIONS WITH A SERVICE VALVE AT THE TRAP PRIMER INLET. PROVIDE 1/2" DISTRIBUTION PIPE(S) TO FLOOR DRAIN TRAP PRIMER CONNECTION(S) AS SHOWN. HORIZONTAL DISTRIBUTION PIPING SHALL HAVE CONTINUOUS SLOPE TO THE FLOOR DRAIN(S).
30 SHELL GC TO PROVIDE WATER SERVICE ENTRY PER DETAIL 17/P700.



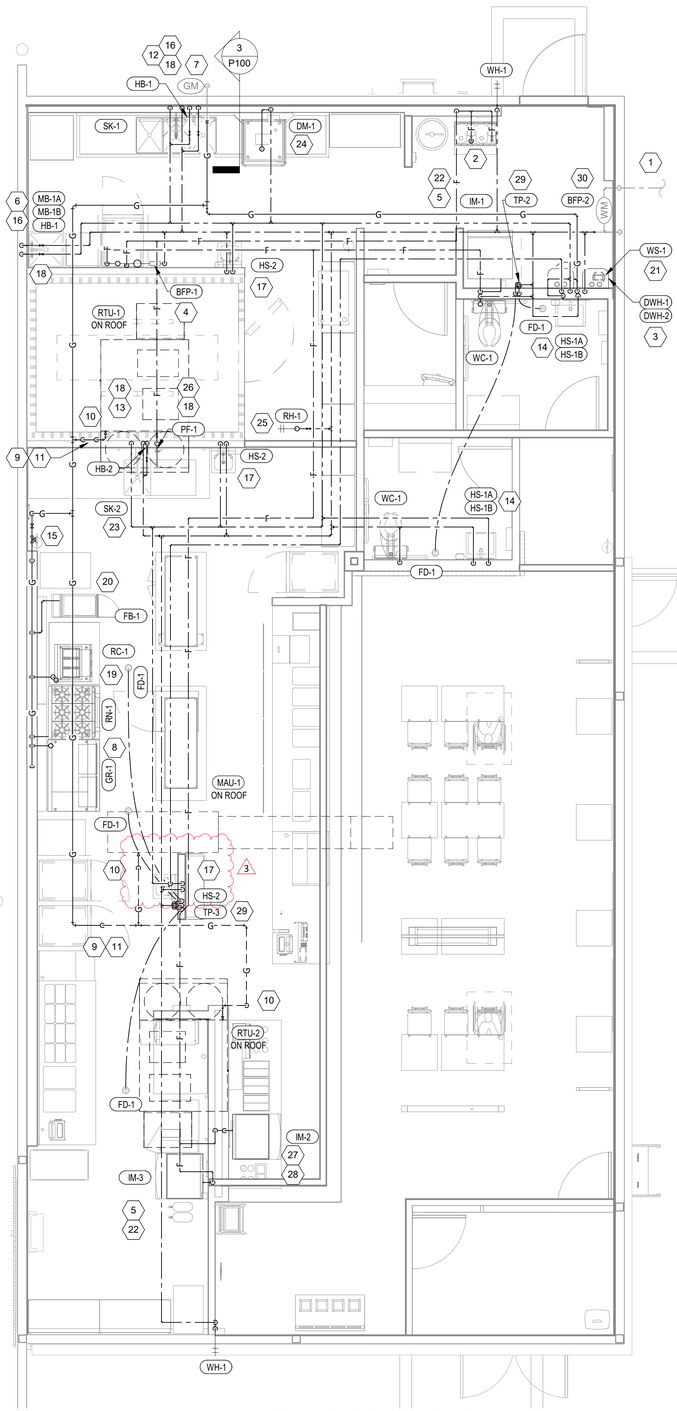
4/P100 **GAS DISTRIBUTION DIAGRAM** N.T.S.



3/P100 **GAS METER SECTION** N.T.S.



2/P100 **PLUMBING SUPPLY DIAGRAM** N.T.S.



1/P100 **PLUMBING SUPPLY PLAN** 1/4" = 1'-0"

Consultant:
NATIONAL ENGINEERING
4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Cliff Kigar
(614) 328-2033
ckigar@nationalengineering.com

FOR CONSTRUCTION

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 5081
146TH & HAZEL DELL PARKWAY
TBD 146TH & HAZEL DELL PARKWAY
CLAYTOWNSHIP, IN 46033

Issue Record:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

Revisions:

3	07/01/2024	CONSTUCTION & BID SET

Drawn: MKT/CJK
Checked: MPC

Project No. 2301081

Contents:
PLUMBING PLAN
WATER & GAS

P100

ROOF DRAIN CONDUCTOR SIZING CALCULATIONS - Code References 2015 IPC				
DESCRIPTION	Total	Units	Conversion Total	Conversion Units
Roof Area Total	2,400	ft²	-	-
Parapet Area Total	270	ft²	-	-
Per Section 1106.4 (Parapet Area / 2) =	135	ft²	-	-
Project Roof Area = (Parapet Area / 2) + (Roof Area) =	2,535	ft²	-	-
Project Roof Area =	2535	ft²	365,040	in²
Per Table 1106.1 100 Year, 1-Hour Rainfall For Noblesville, IN	3	in / Hour	.05	in / Min
(Project Roof Area) x 1-Hour Rainfall For Noblesville, IN =	18,252	in³ / Min	79.0100	Gal. / Min
Per Table 1106.2 Storm Drain Pipe Sizing - Min. Pipe Size for 1/2" / ft Horizontal Storm Drain Slope	3	in	-	-
Per Table 1106.2 Storm Drain Pipe Sizing - Min. Pipe Size for 1/8" / ft Horizontal Storm Drain Slope	4	in	-	-
Per Table 1106.2 Storm Drain Pipe Sizing - Min. Pipe Size for Vertical Storm Drain	3	in	-	-

GREASE INTERCEPTOR SIZING CALCULATION

TANK SIZE (GALLONS)	=	MEALS SERVED DURING PEAK HOUR	X	WASTE FLOW RATE FACTOR	X	RETENTION TIME FACTOR	X	STORAGE FACTOR
1,412	=	98	X	6	X	2.4	X	1

PROPOSED GREASE INTERCEPTOR SIZE = 1,500 GALLONS
CALCULATION DERIVED FROM INDIANA STATE DEPARTMENT OF HEALTH BULLETIN S.E. 13

PLUMBING WASTE AND VENT PLAN NOTES

1 PROVIDE 3/4" CONDENSATE DRAIN FROM THE WALK-IN COOLER EVAPORATOR TO THE MOP BASIN AS SHOWN. SLOPE CONDENSATE DRAIN A MINIMUM OF 1" PER FOOT. HOLD EXPOSED CONDENSATE DRAIN IN WALK-IN COOLER AS HIGH AS POSSIBLE. CONCEAL DRAIN PIPING WITHIN FRAMED WALLS AS SHOWN. DISCHARGE THROUGH AN AIR GAP. MAKE FINAL CONNECTION TO EVAPORATOR INSIDE WALK-IN COOLER USING A UNION. CONDENSATE DRAIN SHOULD PENETRATE WALL AT 8" AFF.

2 PROVIDE DRAIN CONNECTIONS TO THE THREE COMPARTMENT SINK PER DETAIL 2/P700.

3 COORDINATE ROUTING OF SODA BUNDLES WITH COCA-COLA TECHNICIAN FROM BAG-IN-BOX AREA TO EACH SODA FOUNTAIN. OTHER THAN WITHIN THE WALLS DOWN TO THE DRYER BOX THE SODA BUNDLE SHALL BE ROUTED OVERHEAD WITHOUT CONDUIT. COORDINATE SUPPORT AND ROUTING OF THE SODA LINE BUNDLES WITH COCA-COLA TECHNICIAN DURING ROUGH IN AND PROVIDE NECESSARY SUPPORTS. SEE ARCHITECTURAL DRAWINGS FOR SODA BUNDLE TERMINATION LOCATION AND PROVIDE TERMINATION PER DETAIL 12/P700.

4 PROVIDE PVC DRAIN PIPES FROM THE ICE MACHINE TO THE FLOOR SINK PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. PROVIDE A CODE-APPROVED AIR GAP AT THE DISCHARGE TO THE FLOOR SINK. SECURE ICE MAKER DRAIN PIPES TO THE BOTTOM OF THE ICE MAKER.

5 PROVIDE DRAIN LINES FROM THE FOOD PREP SINK TO THE FLOOR SINK. PROVIDE AN AIR GAP AT THE DISCHARGE TO THE FLOOR SINK.

6 PROVIDE A 3" VENT THROUGH THE ROOF PER DETAIL 3/P700.

7 SHELL GC TO PROVIDE GREASE INTERCEPTOR GI-1. SEE CIVIL UTILITY PLAN FOR GI-1 LOCATION AND FOR CONTINUATION OF 4" GREASE WASTE PIPE TO GI-1.

8 SEE CIVIL UTILITY PLAN FOR CONTINUATION OF 4" SEWER LINE.

9 PROVIDE 3/4" VALVED DRAIN FROM HOT FOOD TABLE TO THE FLOOR SINK. DRAIN THROUGH AN AIR GAP.

10 PROVIDE INSULATED COPPER DRAIN LINES FROM THE TEA TRAY DRAIN AND THE SODA MACHINE DRAIN TO THE FLOOR SINK. DRAIN THROUGH AN AIR GAP. HOLD TEA TRAY DRAIN AS HIGH AS POSSIBLE AND SECURE TO STRUCTURE BELOW THE UTENSIL COUNTER.

11 TRIM TRENCH DRAIN ENDS PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS PRIOR TO INSTALLATION SO THAT GRATE FITS WITHOUT GAPS. INSTALL TRENCH DRAIN WITH SLIGHT POSITIVE SLOPE TOWARD THE DRAIN CONNECTION TO AVOID STANDING WATER IN TRENCH DRAIN.

12 SEE DETAIL 18/P700 FOR DRAINS FROM TEA TRAY, ICE MAKER, AND SODA MACHINE TO FUNNEL DRAIN.

13 DO NOT PROVIDE WALL CLEANOUTS ON TILE OR PUBLICLY-VISIBLE WALLS. IF A WALL CLEANOUT IS REQUIRED ON THESE SURFACE COORDINATE THE EXACT LOCATION WITH CHIPOTLE'S CONSTRUCTION MANAGER.

14 PROVIDE INDIRECT WASTE AND CONDENSATE DRAINS FROM FIXTURES OTHER THAN KITCHEN SINKS CONCEALED IN THE WALL AS SHOWN IN DETAIL 9/P700.

15 PROVIDE DRAIN FROM WATER FILTER BFP TO MOP BASIN CONCEALED IN THE WALL AS SHOWN IN DETAIL 9/P700.

16 PROVIDE TRENCH DRAIN AS SHOWN IN DETAIL 15/P700.

17 INSTALL DRAIN HOSE FURNISHED WITH DISH MACHINE FROM DISH MACHINE OUTLET TO FLOOR SINK. HOLD DRAIN HOSE TIGHT TO WALL AND SECURE TO 3-COMP SINK DRAIN TO MAINTAIN AN AIR GAP AT THE FLOOR SINK.

18 PROVIDE CONDENSATE TRAP ON RTU PER DETAIL 13/P700.

19 PROVIDE 3/4" PVC DRAIN PIPE FROM THE ICE MACHINE TO THE FLOOR SINK PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. PROVIDE A CODE-APPROVED AIR GAP AT THE DISCHARGE TO THE FLOOR SINK.

20 SEE CIVIL UTILITY PLAN FOR CONTINUATION OF 4" STORM SEWER.

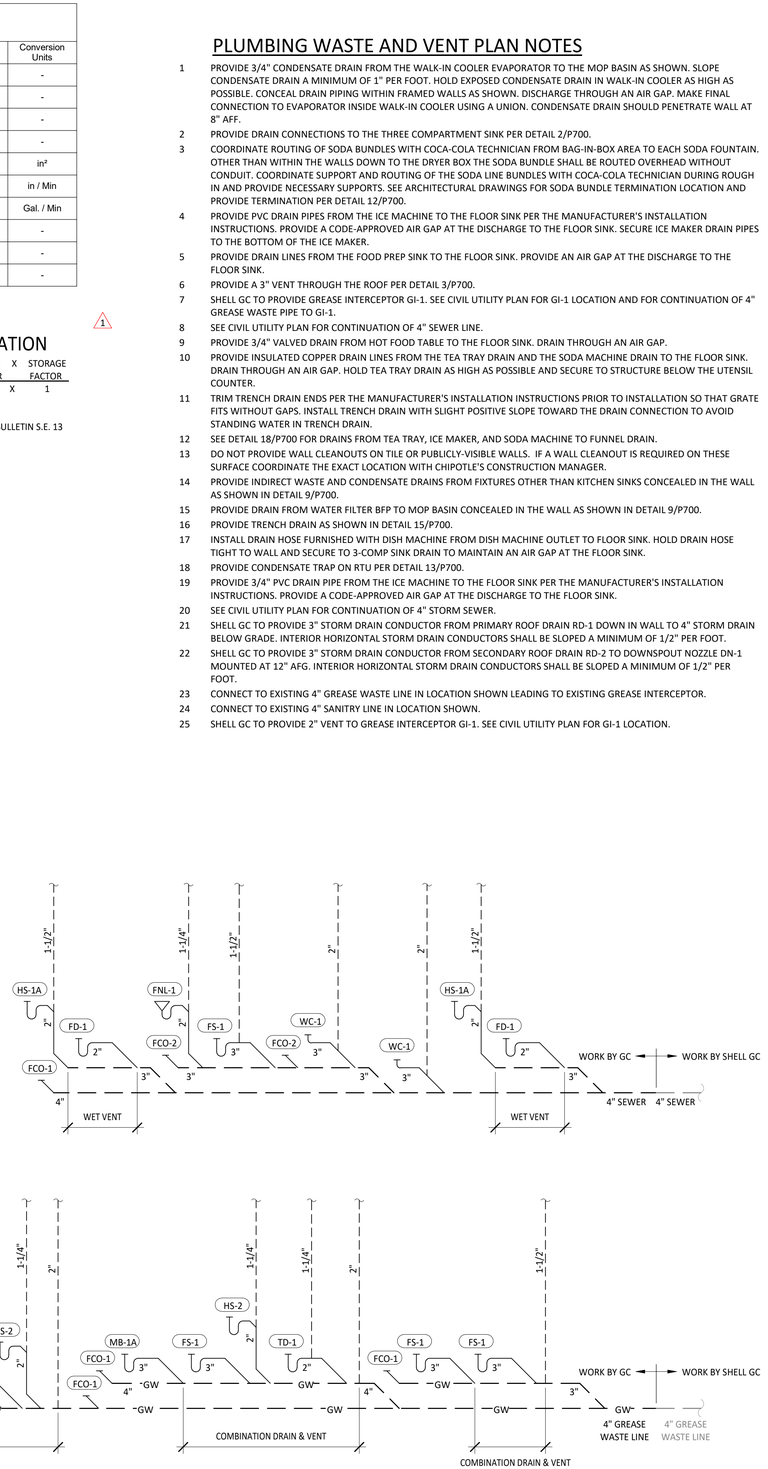
21 SHELL GC TO PROVIDE 3" STORM DRAIN CONDUCTOR FROM PRIMARY ROOF DRAIN RD-1 DOWN IN WALL TO 4" STORM DRAIN BELOW GRADE. INTERIOR HORIZONTAL STORM DRAIN CONDUCTORS SHALL BE SLOPED A MINIMUM OF 1/2" PER FOOT.

22 SHELL GC TO PROVIDE 3" STORM DRAIN CONDUCTOR FROM SECONDARY ROOF DRAIN RD-2 TO DOWNSPOUT NOZZLE DN-1 MOUNTED AT 12" AFG. INTERIOR HORIZONTAL STORM DRAIN CONDUCTORS SHALL BE SLOPED A MINIMUM OF 1/2" PER FOOT.

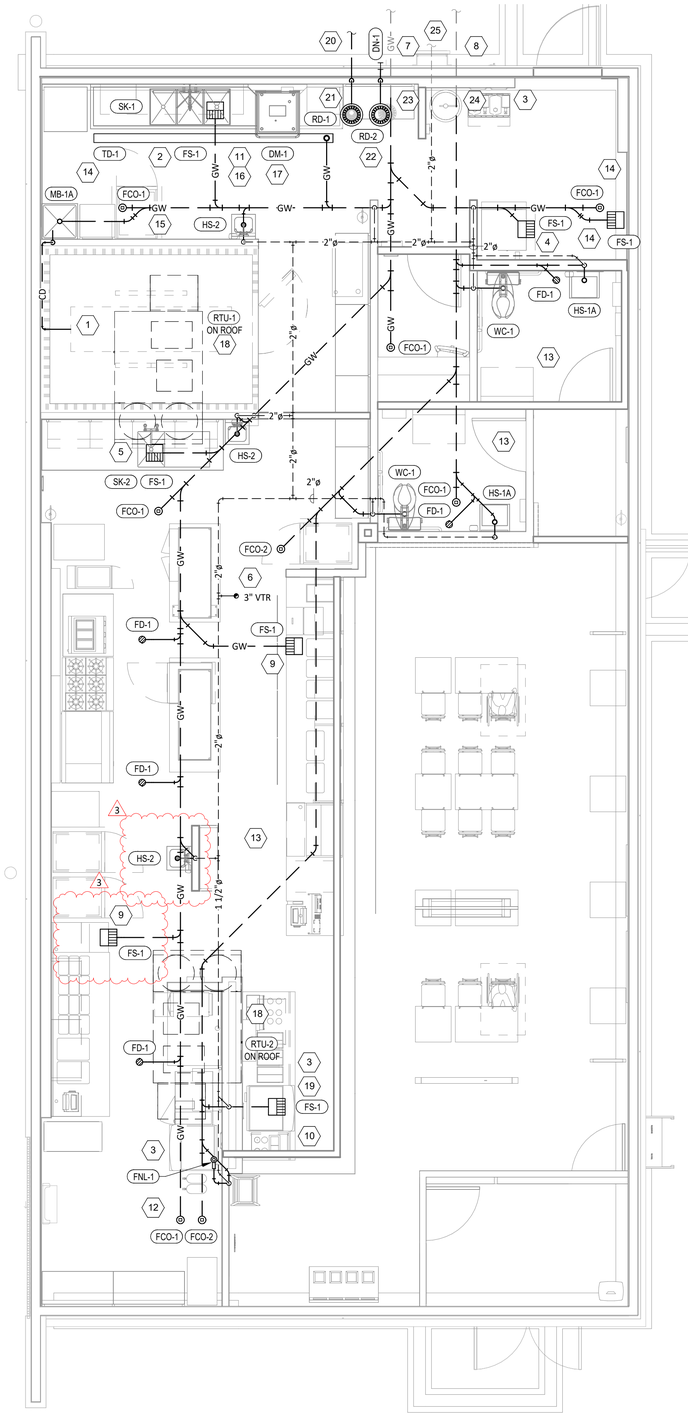
23 CONNECT TO EXISTING 4" GREASE WASTE LINE IN LOCATION SHOWN LEADING TO EXISTING GREASE INTERCEPTOR.

24 CONNECT TO EXISTING 4" SANITRY LINE IN LOCATION SHOWN.

25 SHELL GC TO PROVIDE 2" VENT TO GREASE INTERCEPTOR GI-1. SEE CIVIL UTILITY PLAN FOR GI-1 LOCATION.



2 P110 **SANITARY WASTE & VENT DIAGRAM** N.T.S.



1 P110 **SANITARY WASTE & VENT PLAN** 1/4" = 1'-0"

Consultant:
NATIONAL ENGINEERING
4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Cliff Kigar
(614) 328-2033
ckigar@nationalengineering.com

FOR CONSTRUCTION

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 5081
146TH & HAZEL DELL PARKWAY
TBD 146TH & HAZEL DELL PARKWAY
CLAYTOWNSHIP, IN 46033

Issue Record:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

Revisions:

1	05/02/2024	GI REVISION
3	07/01/2024	CONSTUCTION & BID SET

Drawn: MKT/CJK
Checked: MPC

Project No.: 2301081

Contents:
PLUMBING PLAN
WASTE & VENT

P110

PLUMBING FIXTURE SCHEDULE

TAG	FIXTURE	FURNISHED BY	INSTALLED BY	MANUFACTURER	MODEL	DESCRIPTION	QUANTITY	CONNECTION SIZES			FIXTURE UNITS (EACH)				FIXTURE UNITS (TOTAL)			
								CW	HW	WASTE	CW	HW	TOTAL	SAN	CW	HW	TOTAL	SAN
BFP-1	RPZ BACKFLOW PREVENTER	GC	GC	CONBRACO	4ALF-203-T2F	LEAD FREE REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER WITH AUTOMATIC DIFFERENTIAL RELIEF VALVE	1	1/2"			1		1		1	0	1	0
BFP-2	RPZ BACKFLOW PREVENTER	SHGC	SHGC	CONBRACO	4ALF-207	LEAD FREE REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER WITH AUTOMATIC DIFFERENTIAL RELIEF VALVE AND AIR GAP FITTING	1	1 1/2"			1				1	0	0	0
DM-1	DISH SANITIZING MACHINE (PUMPED OUTLET)	KES	GC	FURNISHED BY KES	--	CHEMICAL SANITIZING DISH MACHINE WITH INTEGRAL ELECTRIC BOOSTER HEATER AND PUMPED OUTLET	1		3/4"	3/4"	0	1	1	0	0	1	1	0
DN-1	DOWNSPOUT NOZZLE	SHGC	SHGC	WATTS	RD-940-NH	CAST NICKEL BRONZE DOWNSPOUT NOZZLE WITH ANCHOR FLANGE, COUNTERSUNK MOUNTING HOLES, AND NO HUB CONNECTION	1			3"					0	0	0	0
ET-1	EXPANSION TANK	GC	GC	AMTROL	ST-5	2 GALLON CAPACITY	1	3/4"			0	0	0	0	0	0	0	0
FCO-1	FLOOR CLEANOUT (4")	GC	GC	SIOUX CHIEF	852-4PNR	ON-GRADE ADJUSTABLE CLEANOUT WITH INTERNAL THREADED CLEANOUT PLUG AND ROUND NICKEL-BRONZE RING AND COVER (OR APPROVED EQUAL WITH INTERNAL THREADED CLEANOUT PLUG)	6			4"				0	0	0	0	0
FCO-2	FLOOR CLEANOUT (3")	GC	GC	SIOUX CHIEF	852-3PNR	ON-GRADE ADJUSTABLE CLEANOUT WITH INTERNAL THREADED CLEANOUT PLUG AND ROUND NICKEL-BRONZE RING AND COVER (OR APPROVED EQUAL WITH INTERNAL THREADED CLEANOUT PLUG)	2			3"				0	0	0	0	0
FD-1	FLOOR DRAIN	GC	GC	SIOUX CHIEF	842-2-PNR	ADJUSTABLE FLOOR DRAIN, ROUND POLISHED METAL RING AND STRAINER	5			2"			0	2	0	0	0	10
FNL-1	FUNNEL DRAIN	GC	GC	JAY R. SMITH	3832T	FUNNEL DRAIN WITH CAST BRONZE BODY AND THREADED OUTLET	1			2"	0	0		2	0	0	0	2
FS-1	FLOOR SINK	GC	GC	SIOUX CHIEF	861-3PU2	HEAVY DUTY PVC FLOOR SINK WITH ALUMINUM DOME BOTTOM STRAINER AND OPEN HALF PVC GRATE	7			3"			0	5	0	0	0	35
GI-1	GREASE INTERCEPTOR	SHGC	SHGC	CUSTOM	--	1,500 GALLON PRECAST GREASE INTERCEPTOR	1			4"			0		0	0	0	0
HB-1	HOSE BIBB	KES	GC	T&S	B-2345-01-XX	COMMERCIAL QUALITY HOT & COLD MIXING WALL HYDRANT. SUPPLY ARMS SHALL HAVE INTEGRAL SHUT-OFF STOP AND CHECK VALVE.	2	1/2"	1/2"		1.5	1.5	2	0	3	3	4	0
HB-2	HOSE BIBB	KES	GC	T&S	B-0730	SILL FAUCET WITH 1/2" NPT FEMALE INLET AND 3/4" GARDEN HOSE THREADED OUTLET.	1	1/2"			1.5	0	1.5	0	1.5	0	1.5	0
HS-1A	RESTROOM HAND SINK	GC	GC	AMERICAN STANDARD	9024.001EC	ADA-ACCESSIBLE, WALL-MOUNTED, PORCELAIN LAVATORY. PROVIDE ZURN Z1231 (Z1231-D FOR BACK-TO-BACK APPLICATIONS) CONCEALED ARM CARRIER IN WALL. APPROVED ALTERNATE: KOHLER K-2084	2	0"	0"	2"	0	0	0	1	0	0	0	2
HS-1B	RESTROOM HAND SINK FAUCET	KES	GC	FURNISHED BY KES	--	PLUG-IN AUTOMATIC FAUCET WITH 0.5 GPM AERATOR AND THERMOSTATIC MIXING VALVE. ADJUST FAUCET CONTROLS FOR 10 SECOND SHUTOFF DELAY AND 30 SECOND TIME-OUT DELAY.	2	1/2"	1/2"	0"	1.5	1.5	2	0	3	3	4	0
HS-2	KITCHEN HAND SINK	KES	GC	FURNISHED BY KES	--	STAINLESS STEEL SINK WITH WALL MOUNTING BRACKET AND BACKSPLASH MOUNTED FAUCET WITH SWIVEL GOOSENECK	3	1/2"	1/2"	2"	1.5	1.5	2	1	4.5	4.5	6	3
IM-1	ICE MAKER - BOH	KES	GC	SEE ARCH	--	BACK OF HOUSE ICE MAKER WITH BIN (STANDARD CAPACITY REMOTE AIR COOLED)	1	1/2"			1	0	1	0	1	0	1	0
IM-2	ICE MAKER - SODA	KES	KES	SEE ARCH	--	SODA MACHINE-MOUNTED ICE MAKER (INTEGRAL AIR COOLED)	1	1/2"			1		1		1	0	1	0
IM-3	ICE MAKER - SODA	KES	KES	SEE ARCH	--	SODA MACHINE-MOUNTED ICE MAKER (REMOTE AIR COOLED)	1	1/2"			1		1		1	0	1	0
MB-1A	MOP BASIN	GC	GC	FIAT	MSB2424	PROVIDE 24"x24"x10" MOLDED-STONE MOP BASIN. INSTALL MOP BASIN IN A BED OF GROUT SO THERE ARE NO VOIDS BETWEEN THE MOP BASIN AND THE SLAB.	1	0"	0"	3"	0	0	0	3	0	0	0	3
MB-1B	MOP BASIN FAUCET	KES	GC	FURNISHED BY KES	--	SERVICE SINK FAUCET WITH BUILT IN STOPS, LEVER HANDLES, AND WALL BRACE.	1	1/2"	1/2"	0"	2.25	2.25	3	0	2.25	2.25	3	0
PF-1	POT FILLER	KES	GC	FURNISHED BY KES	--	WALL-MOUNTED POT FILLER W/ SELF-CLOSING FILLER VALVE AND 3/8" NPT FEMALE INLET	1	1/2"			1.5	0	1.5		1.5	0	1.5	0
RD-1	ROOF DRAIN	SHGC	SHGC	WATTS	RD-103	EPOXY COATED CAST IRON ROOF DRAIN WITH FLASHING CLAMP WITH INTEGRAL GRAVEL STOP, SELF-LOCKING POLYETHYLENE DOME, AND NO HUB OUTLET	1			3"					0	0	0	0
RD-2	ROOF DRAIN	SHGC	SHGC	WATTS	RD-103-W	EPOXY COATED CAST IRON OVERFLOW ROOF DRAIN WITH FLASHING CLAMP WITH INTEGRAL 4 IN. (102MM) HIGH INTERNAL STANDPIPE, SELF-LOCKING POLYTHYLENE DOME, AND NO HUB OUTLET	1			3"					0	0	0	0
RH-1	FREEZE PROOF ROOF HYDRANT	GC	GC	HOEPTNER	2131R	AUTOMATIC DRAINING, FREEZELESS ROOF HYDRANT WITH ANTI-SIPHON VACUUM BREAKER HOEPTNER PRODUCTS (408) 847-7615	1	3/4"			1	0	1		1	0	1	0
SK-1	THREE COMPARTMENT SINK	KES	GC	FURNISHED BY KES	--	THREE-COMPARTMENT WARE-WASHING SINK FURNISHED WITH (1) PRE-RINSE UNIT WITH ADD-ON FAUCET	1	1/2"	1/2"	2"	4	4	4	5	4	4	4	5
SK-2	PREP SINK	KES	GC	FURNISHED BY KES	--	STAINLESS STEEL PREP TABLE WITH INTEGRAL PREP SINK. FURNISHED WITH "BIG FLO" FAUCET	1	3/4"	3/4"	2"	3	3	4	0	3	3	4	0
TD-1	TRENCH DRAIN	GC	GC	ZURN	Z886 8601 8602	6" X 160" HDPE TRENCH DRAIN (SLOPED FROM 3.50" TO 4.70") WITH (2) CLOSED END CAPS, (1) 4" NO-HUB BOTTOM OUTLET, AND CLASS-A HEEL-PROOF POLYETHYLENE GRATES. SEE DETAIL 12/P700 FOR REDUCTION TO 2" DRAIN CONNECTION.	1			2"	0	0	0	2	0	0	0	2
TP-2	TRAP PRIMER (TWO FLOOR DRAINS)	GC	GC	PRECISION PLUMBING PRODUCTS	P2-500 W/ DU-U	TRAP PRIMER WITH INTEGRAL VACUUM BREAKER AND DISTRIBUTION UNIT. CAP UNUSED DISTRIBUTION UNIT OUTLETS.	1	1/2"			0		0		0	0	0	0
TP-3	TRAP PRIMER (THREE-FOUR FLOOR DRAINS)	GC	GC	PRECISION PLUMBING PRODUCTS	P1-500 W/ DU-U	TRAP PRIMER WITH INTEGRAL VACUUM BREAKER AND DISTRIBUTION UNIT. CAP UNUSED DISTRIBUTION UNIT OUTLETS.	1	1/2"			0		0		0	0	0	0
WC-1	WATER CLOSET	GC	GC	KOHLER	K-3519 W/ SEAT K-4666-C	WHITE HIGHLINE 1.0 GPF, 17-1/8"-HIGH, ADA ACCESSIBLE, PRESSURE ASSIST WATER CLOSET WITH OPEN-FRONT SEAT. INSTALL TRIP LEVER ON THE TANK TO THE OPEN SIDE OF THE STALL (ADD -RA TO THE MODEL # FOR RIGHT HAND TRIP LEVER).	2	1/2"		3"	5	0	5	4	10	0	10	8
WH-1	FROST PROOF WALL HYDRANT	GC	GC	WOODFORD	MODEL 65	AUTOMATIC DRAINING, FREEZELESS WALL HYDRANT WITH ANTI-SIPHON VACUUM BREAKER. PROVIDE WITH STEM LONG ENOUGH TO REACH INSIDE THE THERMAL ENVELOPE OF THE BUILDING.	2	3/4"			1	0	1		2	0	2	0
WS-1	WATER SOFTENER	KES	GC	CUNO	CFSM1254E	POINT OF ENTRY HIGH CAPACITY WATER TREATMENT SYSTEM	1	1"			0	0	0	0	0	0	0	0
							56								40.75	20.75	46	70

WATER HEATER SCHEDULE - INSTANTANEOUS

TAG	DESCRIPTION	FURNISHED BY	INSTALLED BY	MANUFACTURER	MODEL	INPUT MBH	DELIVERY	NOTES
DWH-1	DIRECT VENT GAS-FIRED INSTANTANEOUS WATER HEATER	GC	GC	NAVIEN	NPE-240A2	199	354 GPH @ 65° RISE	RATED FLOW RATE: 5.6 GPM @ 67°F RISE THERMAL EFFICIENCY: 96% PROVIDE WITH LEAD FREE "PLUMB EASY VALVE SET". GC SHALL PURCHASE WATER HEATER DIRECTLY THROUGH A NAVIEN AUTHORIZED DISTRIBUTOR (1-800-519-8794 OR WWW.NAVIEN.COM TO LOCATE AUTHORIZED DISTRIBUTOR).
DWH-2	DIRECT VENT GAS-FIRED INSTANTANEOUS WATER HEATER	GC	GC	NAVIEN	NPE-240A2	199	354 GPH @ 65° RISE	RATED FLOW RATE: 5.6 GPM @ 67°F RISE THERMAL EFFICIENCY: 96% PROVIDE WITH LEAD FREE "PLUMB EASY VALVE SET". GC SHALL PURCHASE WATER HEATER DIRECTLY THROUGH A NAVIEN AUTHORIZED DISTRIBUTOR (1-800-519-8794 OR WWW.NAVIEN.COM TO LOCATE AUTHORIZED DISTRIBUTOR).

Consultant:
NATIONAL ENGINEERING
4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Cliff Kigar
(614) 328-2033
ckigar@nationalengineering.com

FOR CONSTRUCTION

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 5081
146TH & HAZEL DELL PARKWAY
TBD 146TH & HAZEL DELL PARKWAY
CLAYTOWNSHIP, IN 46033

Issue Record:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

Revisions:

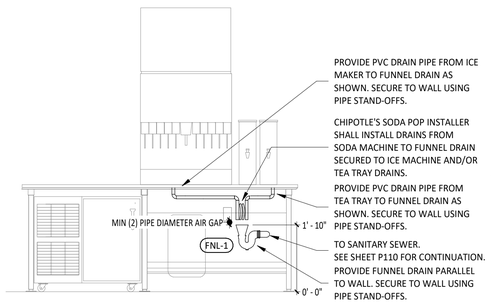
Drawn: MKT/CJK
Checked: MPC

Project No.: 2301081

Contents:

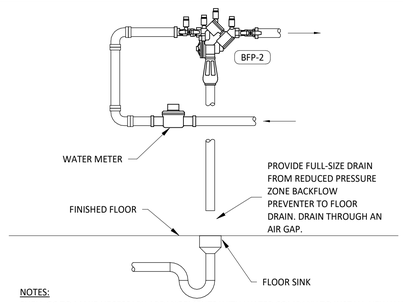
PLUMBING SCHEDULES

P600



18 P700 N.T.S.

PUW FUNNEL DRAIN DETAIL

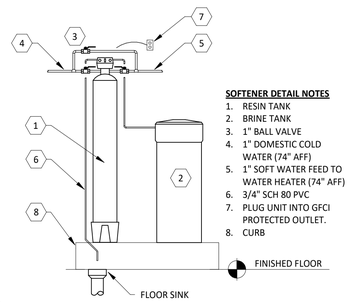


NOTES:

SHELL GC TO MAKE NECESSARY ARRANGEMENTS WITH WATER COMPANY TO INSTALL NEW WATER SERVICE PER LOCAL CODES & WATER COMPANY REGULATIONS AND PAY ALL CHARGES. SERVICE SHALL BE SIZED PER THE PLUMBING PLAN & INSTALLED IN STRICT ACCORDANCE OF WATER COMPANY REGULATIONS. ANCHOR METER, BACKFLOW PREVENTER, AND PIPING TO THE WALL OR THE FLOOR. CERTIFY THE BACKFLOW PREVENTER PER THE WATER COMPANY'S REQUIREMENTS.

17 P700 N.T.S.

WATER SERVICE ENTRY DETAIL

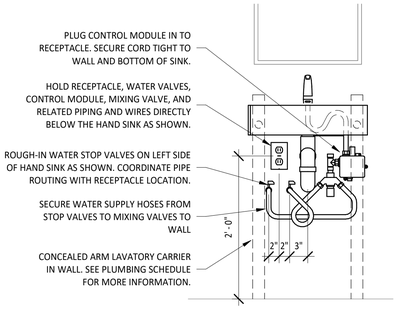


SOFTENER DETAIL NOTES

1. RESIN TANK
2. BRINE TANK
3. 1" BALL VALVE
4. 1" DOMESTIC COLD WATER (74" AFF)
5. 1" SOFT WATER FEED TO WATER HEATER (74" AFF)
6. 3/4" SCH 80 PVC
7. PLUG UNIT INTO GFCI PROTECTED OUTLET.
8. CURB

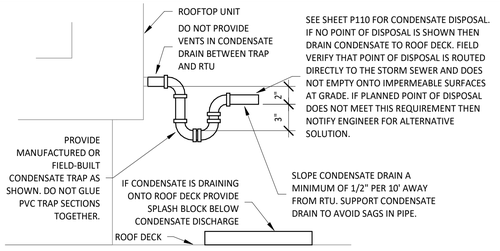
16 P700 N.T.S.

WATER SOFTENER DETAIL



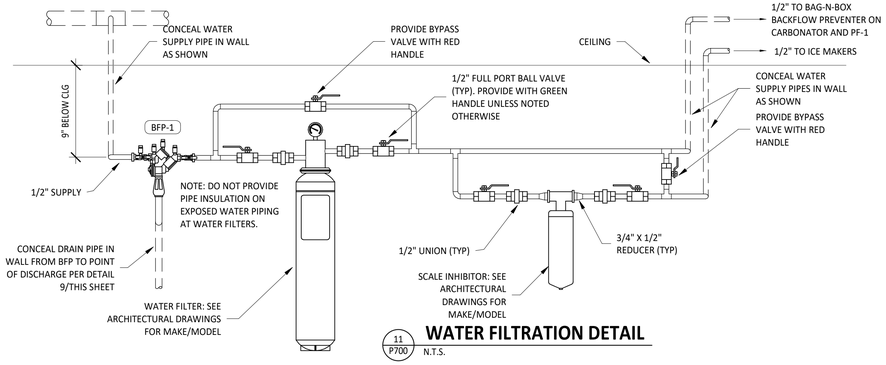
14 P700 N.T.S.

RESTROOM HAND SINK DETAIL



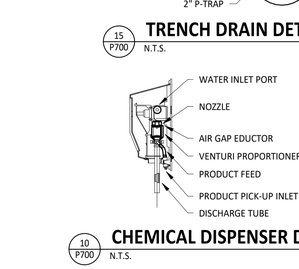
13 P700 N.T.S.

RTU CONDENSATE TRAP DETAIL



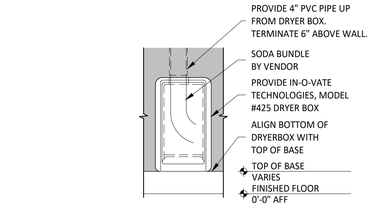
11 P700 N.T.S.

WATER FILTRATION DETAIL



15 P700 N.T.S.

TRENCH DRAIN DETAIL

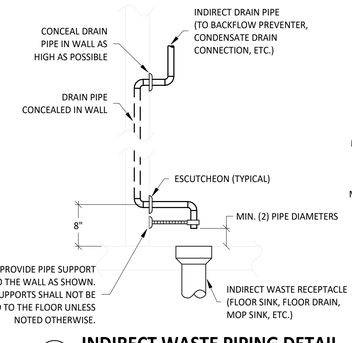


12 P700 N.T.S.

SODA TERMINATION DETAIL

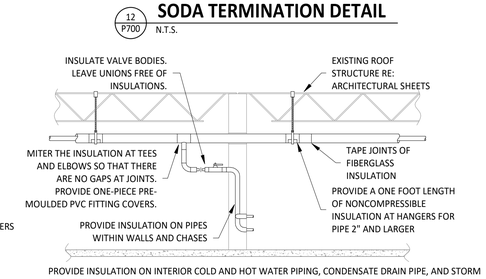
10 P700 N.T.S.

CHEMICAL DISPENSER DETAIL



9 P700 N.T.S.

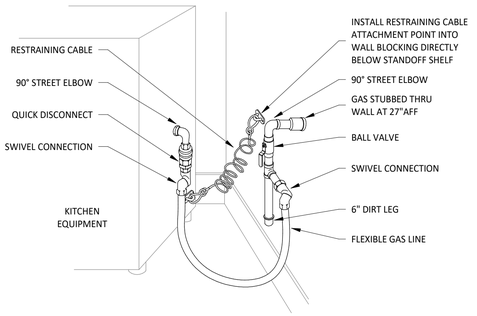
INDIRECT WASTE PIPING DETAIL



PROVIDE INSULATION ON INTERIOR COLD AND HOT WATER PIPING, CONDENSATE DRAIN PIPE, AND STORM PIPE. REFER TO SPECIFICATIONS FOR FURTHER INFORMATION REGARDING INSULATION. INSTALL ITEMS PER SPECIFICATIONS AND MANUFACTURER'S INSTRUCTIONS. MAINTAIN VAPOR BARRIER ON COLD WATER AND CONDENSATE PIPING BY MEANS OF SEALANT AND TAPE. FLAME SPREAD AND SMOKE-DEVELOPED INDEXES SHALL NOT EXCEED 25/50. SEAL EXPOSED ENDS OF FIBERGLASS INSULATION WITH ADHESIVE MASTIC. UNLESS NOTED OTHERWISE PROVIDE PREFORMED GLASS FIBER PIPE INSULATION WITH PRE-MOLDED PVC JACKETS, SLEEVES, AND FITTING COVERS ON EXPOSED WATER PIPE SO THAT EXPOSED WATER PIPE IS COVERED ENTIRELY WITH PVC INSULATION COVERS.

5 P700 N.T.S.

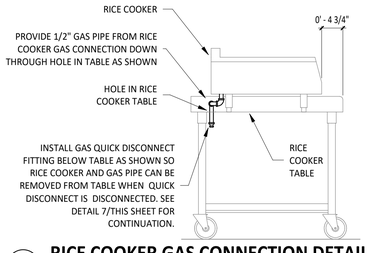
PIPE INSULATION DETAIL



ARRANGEMENT SHOWN IS SCHEMATIC. ADJUST TO SUIT ACTUAL CONDITIONS. MAKE FINAL CONNECTION TO EQUIPMENT AS RECOMMENDED BY MANUFACTURER. PROVIDE WELDED FITTINGS/JOINTS IN ANY CONCEALED, UNSLEEVED LOCATION.

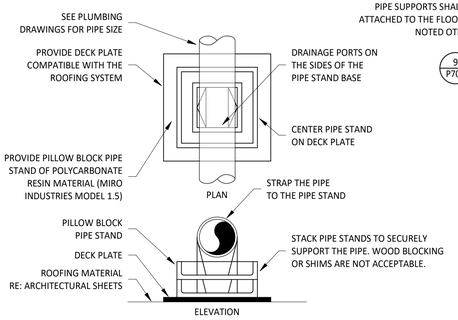
7 P700 N.T.S.

KITCHEN GAS EQUIPMENT DETAIL



6 P700 N.T.S.

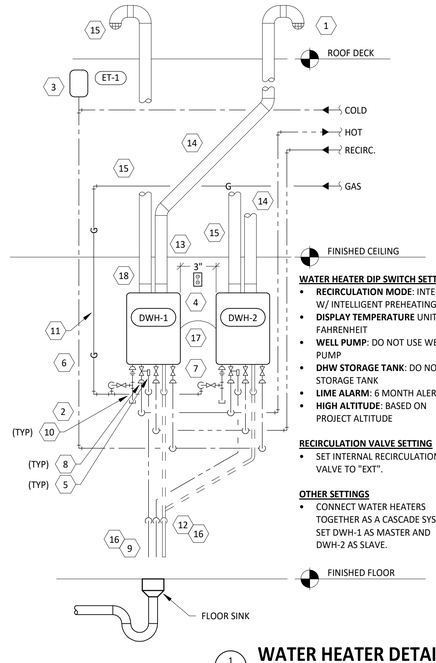
RICE COOKER GAS CONNECTION DETAIL



PROVIDE PIPE STANDS AS SHOWN FOR STEEL PIPE FROM 1/2" TO 1-1/2" DIAMETER. SUPPORT SPACING FOR PIPE SIZE: 1/2"=6'; 3/4"-1"=8'; 1 1/4" AND LARGER=10'; PROVIDE DECK PLATES ON ROOFING AND SET PIPE STAND FREE ON DECK PLATES. STACK PIPE STAND WHERE REQUIRED TO ELEVATE PIPING. INSTALL GAS PIPE TO ALLOW FOR EXPANSION AND CONTRACTION.

5 P700 N.T.S.

ROOFTOP PIPING SUPPORT



WATER HEATER DIP SWITCH SETTINGS

- **RECIRCULATION MODE**: INTERNAL W/ INTELLIGENT PREHEATING
- **DISPLAY TEMPERATURE** UNIT: FAHRENHEIT
- **WELL PUMP**: DO NOT USE WELL PUMP
- **DHW STORAGE TANK**: DO NOT USE STORAGE TANK
- **LIME ALARM**: 6 MONTH ALERT
- **HIGH ALTITUDE**: BASED ON PROJECT ALTITUDE

RECIRCULATION VALVE SETTING

- SET INTERNAL RECIRCULATION VALVE TO "EXT".

OTHER SETTINGS

- CONNECT WATER HEATERS TOGETHER AS A CASCADE SYSTEM. SET DWH-1 AS MASTER AND DWH-2 AS SLAVE.

WATER HEATER GENERAL NOTES

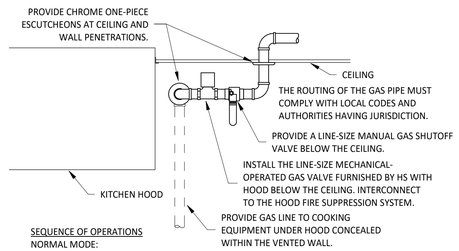
A. CLEAN INLET STRAINERS AFTER CONSTRUCTION HAS BEEN COMPLETED AND PRIOR TO TURNOVER OF THE BUILDING TO THE TENANT.
B. INSTALL PIPING WITH AS FEW ELBOWS AS POSSIBLE.
C. MAINTAIN REQUIRED CLEARANCE TO COMBUSTIBLE MATERIALS.
D. ADJUST WATER HEATER TO A SETPOINT OF 120° F.

1 P700 N.T.S.

WATER HEATER DETAIL

WATER HEATER DETAIL NOTES

1. PROVIDE TWO 90° ELBOWS AND A SCREEN FOR THE FLUE TERMINATION THROUGH THE ROOF PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
2. ROUGH-IN COLD, HOT, AND RECIRC PIPES AT 64" AND GAS PIPE AT 61" BELOW THE FINISHED CEILING.
3. PROVIDE EXPANSION TANK ET-1 AS SHOWN. SUPPORT TANK FROM WALL OR STRUCTURE ABOVE.
4. PROVIDE WATER HEATER RECEPTACLE WITHIN 12" OF THE FINISHED CEILING. FASTEN CORD TIGHT TO THE WALL.
5. PROVIDE PRESSURE RELIEF VALVE. PIPE PRESSURE RELIEF VALVE TO POINT OF DISCHARGE.
6. CONCEAL WATER PIPING WITHIN THE WALL AS SHOWN. INSULATE CONCEALED WATER PIPING. DO NOT PROVIDE INSULATION ON EXPOSED WATER PIPING AT WATER HEATER.
7. INTALL "PLUMB EASY VALVE SET" EXPOSED AT THE COLD AND HOT WATER CONNECTIONS TO THE WATER HEATER AS SHOWN.
8. IF THE PIPE SIZES AS SHOWN ON THE PLUMBING PLANS IS LARGER THAN THE WATER HEATER CONNECTIONS SIZES, PROVIDE REDUCERS WITHIN 6" OF THE WATER HEATER.
9. PIPE PRESSURE RELIEF VALVE DISCHARGE AND FLUE CONDENSATE DRAIN TO THE POINT OF DISCHARGE. DRAIN THROUGH AN AIR GAP.
10. PROVIDE AN EXPOSED DRIP LEG AND LINE-SIZE GAS VALVE ON THE GAS SERVICE TO THE WATER HEATER.
11. CONCEAL GAS PIPING IN THE WALL AS SHOWN.
12. PROVIDE 1/2" PVC PIPE FROM THE FLUE CONDENSATE CONNECTION TO THE FLOOR DRAIN OR MOP BASIN. DRAIN THROUGH AN AIR GAP.
13. INSTALL THE TANKLESS WATER HEATER WITH THE TOP OF THE WATER HEATER BETWEEN 9" & 12" OF THE FINISHED CEILING.
14. PROVIDE A 2"Ø PVC PIPE FROM THE TANKLESS WATER HEATER TO THE POINT OF DISCHARGE. SLOPE HORIZONTAL SECTION OF THE FLUE 1/4" PER FOOT TOWARDS THE WATER HEATER.
15. PROVIDE A SCREENED AIR INTAKE WITH TWO 90° ELBOWS ABOVE THE ROOF PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
16. CONCEAL DRAIN LINES IN WALL PER DETAIL 9/THIS SHEET.
17. PROVIDE COMMUNICATION CABLE CONCEALED IN WALL BETWEEN WATER HEATERS.
18. IF WATER HEATERS ARE INSTALLED WITH A COMMON VENT SYSTEM THEN PROVIDE THE NAVIEN COMMON VENT COLLAR KIT WITH BACK-DRAFT DAMPER PER THE MANUFACTURER'S INSTALLATION MANUAL.



SEQUENCE OF OPERATIONS

NORMAL MODE:

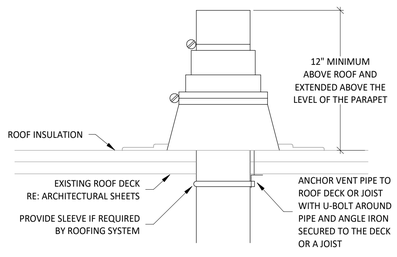
- DURING NORMAL OPERATION THE GAS SHUT-OFF VALVE SHALL BE OPEN.

EMERGENCY MODE:

- UPON ACTUATION OF THE HOOD FIRE SUPPRESSION SYSTEM THE GAS SHUT-OFF VALVE SHALL CLOSE.

4 P700 N.T.S.

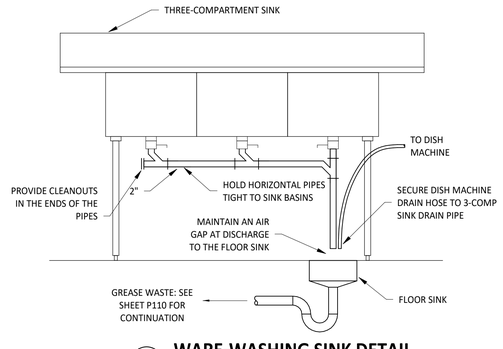
KITCHEN GAS SHUTOFF DETAIL



REFER TO PLANS FOR VTR PIPE SIZES AND LOCATIONS. LOCATE VTR MINIMUM TEN FEET HORIZONTAL OR THREE FEET VERTICAL ABOVE ANY BUILDING OPENING OR FRESH AIR INTAKE, AND ONE FOOT FROM ANY VERTICAL SURFACE. PROVIDE 1" FIBERGLASS INSULATION WITH ALL-SERVICE JACKET ON VENT PIPE INSIDE BUILDING WITHIN SIX FEET OF VENT THRU ROOF LOCATION. FLASHING AND COUNTER FLASHING ARE TO BE COMPATIBLE WITH THE ROOFING SYSTEM.

3 P700 N.T.S.

VENT THROUGH ROOF



2 P700 N.T.S.

WARE-WASHING SINK DETAIL

Consultant:

NATIONAL ENGINEERING

4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Cliff Kigar
(614) 328-2033
ckigar@nationalengineering.com

FOR CONSTRUCTION

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 5081

146TH & HAZEL DELL PARKWAY
TBD 146TH & HAZEL DELL PARKWAY
CLAYTOWNSHIP, IN 46033

Issue Record:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

Revisions:

Drawn: MKT/CJK
Checked: MPC

Project No.: 2301081

Contents:

PLUMBING DETAILS

P700

SECTION 16011 TEMPORARY & PERMANENT ELECTRICAL SERVICE
PART 1 GENERAL
1.1 DEFINITIONS
A. GFCI: Ground fault current interrupter.
B. RMS: Root Mean Square
C. SPDT: Single Pole, Double Throw
1.2 USE CHARGES
A. General: Cost or use charges for temporary facilities are not chargeable to Tenant, Architect, or Engineer and shall be included in the Contract Sum. Allow other entities to use temporary services and facilities without cost, including, but not limited to, the following:
1. Tenant's construction forces.
2. Occupants of Project.
3. Architect.
4. Engineer.
5. Testing agencies.
6. Personnel of authorities having jurisdiction.
B. Permanent Service: Coordinate with building Tenant and utility company to establish permanent service upon completion of the project. Contractor shall pay for all permits, aid-to-construction charges, and related fees associated with the new service.
1.3 NOTIFICATION
A. Coordinate with Tenant to provide 72 hour written notification to other tenants of any power interruptions. Notification shall state the estimated time and duration of the electrical outage.
1.4 QUALITY ASSURANCE
A. Standards: Comply with ANSI A10.6, NECA's 'Temporary Electrical Facilities," and NFPA 241.
1. Trade Jurisdictions: Assigned responsibilities for installation and operation of temporary utilities are not intended to interfere with trade regulations and union jurisdictions.
2. Electric Service: Comply with NECA, NEMA and UL standards and regulations for temporary electric service. Install service to comply with NFPA 70.
3. Comply with OSHA standards and regulations.
PART 2 PRODUCTS
2.1 MATERIALS
A. Electrical Outlets: Properly configured, NEMA-polarized outlets to prevent insertion of 110- to 120-V plugs into higher-voltage outlets; equipped with ground-fault circuit interrupters, reset button, and pilot light.
B. Power Distribution System Circuits: Where permitted and overhead and exposed for surveillance, wiring circuits, not exceeding 125-V ac, 20-A rating, and lighting circuits may be nonmetallic sheathed cable.
C. Main panelboard with disconnect.
D. Temporary lighting.
E. 120 volt receptacles with overcurrent protection.
F. Enclosures. NEMA AB 1 and NEMA KS 1 to meet environmental conditions of installed location.
1. Outdoor Locations: NEMA 250, Type 3R.
PART 3 EXECUTION
3.1 INSTALLATION
A. Electric Power Service: Provide weatherproof, grounded electric power service and distribution system of sufficient size, capacity, and power characteristics during construction period. Include meters, transformers, and overload-protected disconnecting means.
1. Install power distribution wiring overhead and rise vertically where least exposed to damage.
B. Electric Distribution: Provide receptacle outlets adequate for connection of power tools and equipment.
1. Provide waterproof connectors to connect separate lengths of electrical power cords if single lengths will not reach areas where construction activities are in progress. Do not exceed safe length-voltage ratio.
2. Provide metal conduit, tubing, or metallic cable for wiring exposed to possible damage. Provide rigid steel conduits for wiring exposed on grades, floors, decks, or other traffic areas.
3. Provide metal conduit enclosures or boxes for wiring devices.
4. Provide 4-gang outlets, spaced so 1 DO-foot (30-m) extension cord can reach each area for power hand tools and task lighting. Provide a separate 125-V ac, 20-A circuit for each outlet.
C. Lighting: Provide temporary lighting with local switching that provides adequate illumination for construction operations and traffic conditions.
1. Install and operate temporary lighting that fulfills security and protection requirements without operating entire system.
2. Provide one 100-W incandescent lamp (or equivalent) every 50 feet (15 m) in traffic areas.
3. Install exterior-yard site lighting that will provide adequate illumination for construction operations, parking and traffic conditions, and signage visibility when the Work is being performed.
END OF SECTION 16011

SECTION 16060 - GROUNDING AND BONDING
PART 1 - GENERAL
1.1 SUMMARY
A. This Section includes grounding of electrical systems and equipment. Grounding requirements specified in this Section may be supplemented by special requirements of systems described in other Sections.
1.2 QUALITY ASSURANCE
A. Testing Agency Qualifications: Testing agency as defined by OSHA in 29 CFR 1910.7 or a member company of the International Electrical Testing Association and that is acceptable to authorities having jurisdiction.
1. Testing Agency's Field Supervisor: Person currently certified by the International Electrical Testing Association to supervise on-site testing specified in Part 3.
B. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, Article 100, by a testing agency acceptable to authorities having jurisdiction, and marked for intended use.
1. Comply with UL 467.
PART 2 - PRODUCTS
2.1 GROUNDING CONDUCTORS
A. For insulated conductors, comply with Division 16 Section "Wiring Methods."
B. Material: Copper.
C. Equipment Grounding Conductors: Insulated with green-colored insulation.
D. Grounding Electrode Conductors: Stranded cable.
E. Bare Copper Conductors: Comply with the following:
1. Solid Conductors: ASTM B 3.
2. Assembly of Stranded Conductors: ASTM B 8.
2.2 CONNECTOR PRODUCTS
A. Comply with IEEE 837 and UL 467; listed for use for specific types, sizes, and combinations of conductors and connected items.
PART 3 - EXECUTION
3.1 APPLICATION
A. Use only copper conductors.
B. In raceways, use insulated equipment grounding conductors.
C. Equipment Grounding Conductor Terminations: Use bolted pressure clamps.
D. Grounding Bus: Install in electrical and telephone equipment rooms, in rooms housing service equipment, and elsewhere as indicated.
1. Use insulated spacer; space 1 inch from wall and support from wall 6 inches above finished floor, unless otherwise indicated.
2. At doors, route the bus up to the top of the door frame, across the top of the doorway, and down to the specified height above the floor.
3.2 EQUIPMENT GROUNDING CONDUCTORS
A. Comply with NFPA 70, Article 250, for types, sizes, and quantities of equipment grounding conductors, unless specific types, larger sizes, or more conductors than required by NFPA 70 are indicated.
3.3 INSTALLATION
A. Grounding Conductors: Route along shortest and straightest paths possible, unless otherwise indicated. Avoid obstructing access or placing conductors where they may be subjected to strain, impact, or damage.
3.4 CONNECTIONS
A. General: Make connections so galvanic action or electrolysis possibility is minimized. Select connectors, connection hardware, conductors, and connection methods so metals in direct contact will be galvanically compatible.
B. Equipment Grounding Conductor Terminations: For No. 8 AWG and larger, use pressure-type grounding lugs. No. 10 AWG and smaller grounding conductors may be terminated with winged pressure-type connectors.
C. Tighten screws and bolts for grounding and bonding connectors and terminals according to manufacturer's published torque-tightening values. If manufacturer's torque values are not indicated, use those specified in UL 486A.
D. Compression-Type Connections: Use hydraulic compression tools to provide correct circumferential pressure for compression connectors. Use tools and dies recommended by connector manufacturer. Provide embossing die code or other standard method to make a visible indication that a connector has been adequately compressed on grounding conductor.
END OF SECTION 16060

SECTION 16100 - WIRING METHODS
PART 1 - GENERAL
1.1 SECTION REQUIREMENTS
A. Summary: Building wire and cable and associated splices, connectors, and terminations for wiring systems rated 600 V and less, and twisted-pair cable; and raceways and boxes.
PART 2 - PRODUCTS
2.1 WIRES AND CABLES
A. Connectors and Splices: Wiring connectors of size, ampacity rating, material, and type and class for application and for service indicated.
2.2 RACEWAYS
A. Wireways: Screwed cover type, with manufacturers standard finish.
B. Outlet and Device Boxes: Sheet metal boxes, except use cast-metal boxes at exterior, interior exposed, and interior damp locations.
C. Pull and Junction Boxes: Sheet metal boxes, except use nonmetallic boxes with gasketed covers at exterior and interior damp locations.
2.3 ENCLOSURES
A. Hinged-Cover Enclosures: NEMA 250, steel enclosure with continuous hinge cover and flush latch. Finish inside and out with manufacturer's standard enamel.
B. Cabinets: NEMA 250, Type 1, unless otherwise indicated.
PART 3 - EXECUTION
3.1 INSTALLATION
A. Install wires and cables according to the NECA's "Standard of Installation.
B. Wiring at Outlets: Install with at least 12 inches of slack conductor at each outlet.
C. Conceal wiring, unless otherwise indicated, within finished walls, ceilings, and floors.
D. Boxes and Enclosures: In damp or wet locations use NEMA 250, Type 4, stainless steel.
E. Use raceway fittings compatible with raceway and suitable for use and location. For intermediate metal conduit, use threaded rigid steel conduit fittings, unless otherwise indicated.
F. Raceways Embedded in Slabs: Install in middle third of the slab thickness where practical, and leave at least 1 -inch concrete cover.
G. Install exposed raceways parallel to or at right angles to nearby surfaces or structural members, and follow the surface contours as much as practical.
H. Join raceways with fittings designed and approved for the purpose and make joints tight. Use bonding bushings or wedges at connections subject to vibration. Use bonding jumpers where joints cannot be made tight. Use insulating bushings to protect conductors.
I. Install pull wires in empty raceways. Use No. 14 AWG zinc-coated steel or monofilament plastic line having not less than 200-lb tensile strength. Leave not less than 18 inches of slack at each end of the pull wire.
J. Install raceway sealing fittings where required by the NEC and at wiring entrances to refrigerated spaces. Locate at suitable, approved, accessible locations and fill them with UL-listed sealing compound. For concealed raceways, install each fitting in a flush steel box with a blank cover plate having a finish similar to that of adjacent plates or surfaces.
K. Stub-up Connections for Equipment: Extend conductors to equipment with rigid metal conduit; flexible metal conduit may be used 3 inches above the floor.
L. Install a separate green ground conductor in surface metal raceway from the junction box supplying the raceway to receptacle and fixture ground terminals.
3.2 IDENTIFICATION MATERIALS AND DEVICES
A. Install at locations for most convenient viewing without interference with operation and maintenance of equipment.
B. Coordinate names, abbreviations, colors, and other designations used for electrical identification with corresponding designations indicated in the Contract Documents or required by codes and standards. Use consistent designations throughout Project.
C. Identify raceways and cables with color banding as follows:
1. Bands: Pretensioned, snap-around, colored plastic sleeves or colored encircling conduit, and place adjacent bands of two-color markings in contact, side by side.
2. Band Locations: At changes in direction, at penetrations of walls and floors, at 50-foot maximum intervals in straight runs, and at 25-foot maximum intervals in congested areas.
3. Colors: As follows:
a. Telecommunication System: Green and yellow.
D. Color-code System secondary service, feeder, and branch-circuit conductors throughout the secondary electrical system as follows:

		120/208V	277/480V
1.	Phase A:	Black	Brown
2.	Phase B:	Red	Orange
3.	Phase C:	Blue	Yellow
4.	Neutral:	White	Gray
5.	Ground:	Green	Green

END OF SECTION 16100

SECTION 16140 - WIRING DEVICES
PART 1 - GENERAL
1.1 SECTION REQUIREMENTS
A. Submittals: None.
B. Comply with NEMA WD 1.
C. Comply with NFPA 70.
PART 2 - PRODUCTS
2.1 DEVICES
A. General: Listed and labeled as defined in NFPA 70, Article 100, by a testing agency acceptable to authorities having jurisdiction.
B. Color: Per Material Schedule on sheet E010.
C. Receptacles: Heavy- Duty grade, NEMA WD6, Configuration 5-20R unless otherwise indicated.
D. Ground-Fault Circuit Interrupter Receptacles: integral duplex receptacle; for installation in box without an adapter. Feed-through type, with a 2-3/4-inch- deep outlet
E. Isolated-Ground Receptacles: Equipment grounding contacts connected only to the green grounding screw terminal of the device with inherent electrical isolation from mounting strap.
F. Snap Switches: Heavy-duty, quiet type.
G. Wall Plate: Per Material Schedule on sheet E010.
H. Floor Service Fittings: Modular, above-floor, dual-service units suitable for wiring method used.
PART 3 - EXECUTION
3.1 INSTALLATION
A. Install devices and assemblies plumb and secure.
B. Mount devices flush with long dimension vertical unless otherwise indicated.
C. Protect devices and assemblies during painting.
D. Install wall plates when painting is complete and paint is cured.
END OF SECTION 16140

SECTION 16442 - PANELBOARDS
PART 1 - GENERAL
1.1 SECTION REQUIREMENTS
A. Submittals: None.
B. Comply with NFPA 70.
C. Comply with NEMA PB 1.
PART 2 - PRODUCTS
2.1 PANELBOARDS AND LOAD CENTERS
A. Manufacturers: Subject to compliance with requirement, provide products by one of the following:
1. Panelboards, Overcurrent Protective Devices, Controllers, Contactors, and Accessories:
a. Square D Co.
b. Eaton Corp.; Cutler-Hammer Products.
c. General Electric Co.; Electrical Distribution & Control Div.
d. Siemens Energy & Automation.
B. Recessed, NEMA PB 1, Type 1.
1. Load Center Capacity: as shown on drawings.
2. Front: Secured to box with concealed trim clamps.
3. Doors: With concealed hinges, flush catches, and tumbler locks, all keyed alike.
4. Bus: Hard drawn copper of 98 percent conductivity.
C. Molded-Case Circuit Breakers: NEMA AB 1, plug-in type, Single-handle for multipole circuit breakers. Appropriate for application, including Type SWD for repetitive switching lighting loads and Type HACR for heating, air-conditioning, and refrigerating equipment.
D. Contactors: NEMA ICS 2, Class A combination contactors.
PART 3 - EXECUTION
3.1 INSTALLATION
A. Install panelboards and accessory items according to NEMA PB 1.1. Provide typed, permantently-mounted English and Spanish circuit directories showing the panel schedules as installed in each panelboard.
B. Mounting Heights: Top of trim 74 inches above finished floor, unless otherwise indicated.
C. Future Circuit Provisions at Flush Panel boards: Stub four empty 3/4-inch conduits from panelboard into accessible or designated ceiling space.
D. Wiring in Panelboard Gutters: Arrange conductors into groups, bundle and wrap with wire ties according to NEC guidelines.
E. Tighten electrical connectors and terminals, including grounding connections, according to manufacturer's published torque-tightening values. Where manufacturer's torque values are not indicated, use those specified in UL 486A.
F. Perform visual and mechanical inspections and electrical tests stated In NETA ATS.
END OF SECTION 16442

SECTION 16500 - LIGHTING
PART 1 - GENERAL
1.1 SECTION REQUIREMENTS
A. Submittals: None.
B. Fixtures, Emergency Lighting Units, and Accessories: Listed and labeled as defined in NFPA 70, Article 100, by a testing agency acceptable to authorities having jurisdiction.
C. Coordinate ceiling-mounted luminaires with ceiling construction, mechanical work, and security and fire-prevention features mounted In ceiling space and on ceiling.
PART 2 - PRODUCTS
2.1 FIXTURES AND FIXTURE COMPONENTS, GENERAL
A. Metal Parts: Free from burrs, sharp corners, and edges. Steel, unless otherwise indicated. Form and support to prevent warping and sagging.
B. Doors, Frames, and Other Internal Access: Smooth operating, free from light leakage under operating conditions, and arranged to permit re-lamping without use of tools. Arrange doors, frames, lenses, diffusers, and other pieces to prevent accidental falling during re-lamping and when secured in operating position.
C. Lenses, Diffusers, Covers, and Globes: 100 percent virgin acrylic plastic or annealed crystal glass, unless otherwise indicated.
PART 3 - EXECUTION
3.1 INSTALLATION
A. Set units level, plumb, and square with ceiling and walls, and secure.
B. Support for Recessed and Semirecessed Grid-Type Fluorescent Fixtures: Install ceiling support system rods or wires at a minimum of 4 rods or wires for each fixture, located not more than 6 inches from fixture corners.
C. Support for Suspended Fixtures: Support according to manufacturers' recommendations.
D. Lamping: Where specific lamp designations are not indicated, lamp units according to manufacturer's written instructions.
END OF SECTION 16500

ELECTRICAL MATERIAL SCHEDULE

CATEGORY	APPLICATION	ALLOWABLE MATERIAL
CONDUCTORS	#10 AWG AND SMALLER	SOLID CU, TYPE THHN/THWN OR XHHW
	#8 AWG AND LARGER	STRANDED CU, TYPE THHN/THWN OR XHHW
	FIELD-MADE CORD (EXPOSED INDOOR LOCATIONS)	TYPE SO OR SJO SERVICE CORD WITH CU CONDUCTORS
CONDUITS	INDOOR, EXPOSED	ELECTRICAL METALLIC TUBING U.N.O.
	INDOOR, WITHIN 1-1/2" OF ROOF DECK	INTERMEDIATE METAL CONDUIT
	INDOOR, CONCEALED ABOVE GRADE	ELECTRICAL METALLIC TUBING, FLEXIBLE METAL CONDUIT, OR METAL CLAD CABLE
	CONNECTION TO VIBRATING EQUIPMENT (EXPOSED WET OR DAMP LOCATIONS)	LIQUIDTIGHT FLEXIBLE METAL CONDUIT
	CONNECTION TO VIBRATING EQUIPMENT (EXPOSED INDOOR DRY LOCATIONS)	FLEXIBLE METAL CONDUIT
	OUTDOOR, ABOVE GRADE, EXPOSED OR CONCEALED	INTERMEDIATE METAL CONDUIT
	LOW VOLTAGE, INDOOR, ABOVE GRADE	ELECTRICAL METALLIC TUBING
	LOW OR LINE VOLTAGE, BELOW GRADE	RIGID NONMETALLIC CONDUIT (SCHEDULE 40 PVC)
WIRING DEVICES	IN KITCHEN, OFFICE, OR NON-PUBLIC SPACES	GRAY DEVICE WITH STAINLESS STEEL COVER PLATE
	IG OR IG/GFI RECEPTACLES	GRAY DEVICE WITH STAINLESS STEEL COVER PLATE
	ON DRYWALL IN DINING ROOM	WHITE DEVICE WITH WHITE COVER PLATE
	ON HOT ROLLED STEEL, RICHLITE, OR OTHER BLACK FINISHES	BLACK DEVICE WITH BLACK COVER PLATE
	IN RESTROOMS	WHITE DEVICE WITH WHITE COVER PLATE

ELECTRICAL SYMBOLS

- CONDUIT CONCEALED ABOVE THE CEILING, IN A WALL, OR IN A RACEWAY
- CONDUIT CONCEALED BELOW THE SLAB
- A-6 — HOME-RUN TO PANELBOARD AND CIRCUIT NUMBER SHOWN
- # — PLAN NOTE: SEE PLAN NOTES LISTED ON THE SAME SHEET FOR NOTE MEANING
- X/Y/Z — DISCONNECT SWITCH: X = SWITCH RATING; Y = FUSE SIZE (NF = NON-FUSED); Z = NUMBER OF POLES
- JUNCTION BOX
- ELECTRIC PANELBOARD
- $ — GENERAL PURPOSE 1-POLE SWITCH
- $M — MANUAL STARTER WITH PILOT LIGHT
- NEMA 5-20R 1-PLEX RECEPTACLE
- NEMA 5-20R DUPLEX RECEPTACLE
- NEMA 5-20R DOUBLE-DUPLEX RECEPTACLES
- IG/GFI — NEMA 5-20R DUPLEX COMBINATION ISOLATED GROUND/GFI RECEPTACLE PASS & SEYMOUR MODEL#2095IGTRGRY (GRAY)
- OTHER RECEPTACLE - SEE PLAN FOR RATING AND TYPE
- JUNCTION BOX FOR RJ-45 DATA OUTLETS. PROVIDE 1" CONDUIT WITH PULL STRING FROM J-BOX TO ABOVE OFFICE CEILING. TERMINATE CONDUIT WITH CONDUIT BUSHING.
- DOUBLE GANG JUNCTION BOX FOR RJ-45 DATA OUTLETS. PROVIDE 1" CONDUIT WITH PULL STRING FROM J-BOX TO ABOVE OFFICE CEILING. TERMINATE CONDUIT WITH CONDUIT BUSHING.
- JUNCTION BOX FOR RJ-11 TELEPHONE OUTLETS. PROVIDE 1" CONDUIT WITH PULL STRING FROM J-BOX TO ABOVE OFFICE CEILING. TERMINATE CONDUIT WITH CONDUIT BUSHING.
- KP — SECURITY SYSTEM KEYPAD: SEE ELECTRICAL POWER PLAN FOR MORE INFORMATION.

ELECTRICAL GENERAL NOTES

A GENERAL NOTES APPLY TO ELECTRICAL SHEETS.
B ELECTRICAL WORK SHALL BE DONE IN ACCORDANCE WITH THE ELECTRICAL CODE AND IN ACCORDANCE WITH THE AUTHORITY HAVING JURISDICTION. SEE ARCHITECTURAL SHEETS FOR THE PREVAILING CODES.
C WIRING SHALL BE (2)#12, #12 G IN 3/4" C UNLESS NOTED OTHERWISE.
D INDIVIDUAL CONDUIT HOME RUNS SHOWN SHALL NOT BE CONSOLIDATED.
E CIRCUIT EMERGENCY LIGHTS, ILLUMINATED EXIT SIGNS, AND NIGHT LIGHTS AHEAD OF LOCAL SWITCHING.
F INSTALL WALL SWITCHES AT 48" AFF TO CENTER OF SWITCH AND RECEPTACLES AT 18" AFF TO CENTER OF RECEPTACLE UNLESS NOTED OTHERWISE.
G INSTALL CONDUIT CONCEALED ABOVE THE CEILING, IN WALLS, OR IN RACEWAYS.
H PROVIDE 1" CONDUIT WITH PULL STRING FROM EACH J-BOX FOR TELEPHONE OR DATA JACKS TO ABOVE OFFICE CEILING. SEE MATERIAL SCHEDULE FOR ALLOWABLE CONDUIT MATERIALS. PROVIDE CONDUITS WITH MINIMAL ELBOWS AND TERMINATE CONDUITS ABOVE OFFICE CEILING WITH CONDUIT BUSHING.
I THE TERM "FURNISH" MEANS SUPPLY AND DELIVER TO THE PROJECT SITE, READY FOR UNLOADING, UNPACKING, ASSEMBLY, INSTALLATION, AND SIMILAR OPERATIONS. THE TERM "INSTALL" DESCRIBES THE OPERATIONS AT THE PROJECT SITE INCLUDING THE ACTUAL UNLOADING, UNPACKING, ASSEMBLY, ERECTING, PLACING, ANCHORING, APPLYING, WORKING TO DIMENSION, FINISHING, CURING, PROTECTING, CLEANING, AND SIMILAR OPERATIONS. THE TERM "PROVIDE" MEANS TO FURNISH AND INSTALL, COMPLETE AND READY FOR THE INTENDED USE.
J DIMENSIONS SHOWN IN ELECTRICAL ELEVATIONS ARE FROM THE WALL FRAMING UNLESS NOTED OTHERWISE.
K INSTALL LABELING CALLED FOR IN THE ELECTRICAL DRAWINGS USING ENGRAVED PHENOLIC PLATES ON WALL IMMEDIATELY ABOVE RECEPTACLES.
L WORK SHOWN SHALL BE BY GC UNLESS NOTED OTHERWISE.

ELECTRICAL ABBREVIATIONS

AFF ABOVE FINISHED FLOOR
AFG ABOVE FINISHED GRADE
C CONDUIT
(E) EXISTING
EXT'G EXISTING
G GROUND
GFCI GROUND FAULT CIRCUIT INTERRUPT
IG ISOLATED GROUND
JB JUNCTION BOX
NL NIGHT LIGHT
S SURFACE MOUNTED
WP WEATHERPROOF

CO2AS TENANT'S CO2 ALARM SUPPLIER
GC TI GENERAL CONTRACTOR
HES TENANT'S HVAC EQUIPMENT SUPPLIER
HS TENANT'S HOOD SUPPLIER
KES TENANT'S KITCHEN EQUIPMENT SUPPLIER
LL LANDLORD
MSS TENANT'S MUSIC SYSTEMS SUPPLIER
SHGC SHELL GENERAL CONTRACTOR
TAB TENANT'S TEST AND BALANCE VENDOR
TCC TENANT'S CABLING CONTRACTOR
TDC TENANT'S DUCT CLEANER
TEMS TENANT'S ENERGY MANAGEMENT SYSTEM SUPPLIER
TLS TENANT'S LIGHT/LAMP SUPPLIER
TMB TENANT'S MENU BOARD SUPPLIER
TMS TENANT'S MILLWORK SUPPLIER
TP TENANT'S PHONE SUPPLIER
TPS TENANT'S PANELBOARD SUPPLIER
TRS TENANT'S RAILING SUPPLIER
TSV TENANT'S SIGN VENDOR
TUV TENANT'S UV SANITIZER SUPPLIER
WCS TENANT'S WALK-IN COOLER SUPPLIER
WHS TENANT'S WATER HEATER SUPPLIER

Consultant:
NATIONAL ENGINEERING
4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Cliff Kigar
(614) 328-2033
ckigar@nationalengineering.com

FOR CONSTRUCTION

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 5081
146TH & HAZEL DELL PARKWAY
TBD 146TH & HAZEL DELL PARKWAY
CLAYTOWNSHIP, IN 46033

Issue Record:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

#/! Revisions:

Drawn: MKT
Checked: MPC

Project No.: 2301081

Contents:
ELECTRICAL SPECIFICATIONS

E010

LIGHTING CONTROL PANEL SCHEDULE: LCP

RELAY	PANEL	CIRCUIT	AREA SERVED	CONTROL	TIME ON	TIME OFF	DIMMER CONTROL	NOTES
R1	A	32	KITCHEN A	TIMECLOCK	7:00:00 AM	12:00:00 AM	N/A	SINGLE POLE (NC)
R2	A	32	KITCHEN B	TIMECLOCK	7:00:00 AM	12:00:00 AM	N/A	SINGLE POLE (NC)
R3			SPARE				N/A	SINGLE POLE (NC)
R4	A	30	DINING ROOM A	TIMECLOCK	10:00:00 AM	12:00:00 AM	N/A	SINGLE POLE (NC)
R5	A	30	DINING ROOM B	TIMECLOCK	10:00:00 AM	12:00:00 AM	N/A	SINGLE POLE (NC)
R6	A	30	DINING ROOM C	TIMECLOCK	10:00:00 AM	12:00:00 AM	N/A	SINGLE POLE (NC)
R7	A	28	RESTROOM EXHAUST FAN	TIMECLOCK	7:00:00 AM	12:00:00 AM	N/A	SINGLE POLE (NC)
R8	A	42	EXT. LIGHTING/SIGNAGE	TIMECLOCK	SUNSET - 1 HR	12:00:00 AM	N/A	SINGLE POLE (NC)

LIGHTING CONTROL COMPONENTS SCHEDULE

	DESCRIPTION	QUANTITY	FURNISHED BY	INSTALLED BY	MANUFACTURER	MODEL	REMARKS
LCP	nLIGHT LIGHTING CONTROL PANEL	1	TLS	GC	ACUITY	ARP INTENCO8 NLT 8FCR MVOLT HLK FM DTC CPTLE1	8 RELAY PANEL FOR DIMMING CONTROL WITH FLUSH MOUNT ENCLOSURE, AND DIGITAL TIME CLOCK
$C	WALL-MOUNTED OVERRIDE SWITCH (4 CHANNEL)	1	TLS	GC	ACUITY	nPODMA 4P WH	SEE LIGHTING CONTROL DIAGRAM FOR SWITCH CONFIGURATION
$D	WALL-MOUNTED DIMMER SWITCH	2	TLS	GC	COOPER	SAL06P-W	SLIDE DIMMER COMPATIBLE WITH UP TO 300W LED LIGHTING. SET AT 50%. IF DINING ROOM LIGHTS FLICKER AT THIS DIMMER SETTING THEN GC SHALL PROVIDE LUTRON DVCL-253P DIMMER AS REPLACEMENT.
$OC	WALL-MOUNTED LINE VOLTAGE OCCUPANCY SENSOR	3	TLS	GC	HUBBELL	LHMTS 1-N-WH	WHITE DUAL TECHNOLOGY SINGLE RELAY WITH 1 BUTTON AND NEUTRAL WIRING

LIGHTING FIXTURE SCHEDULE

TAG	QUANTITY	TYPE	MOUNT	FURNISHED BY	INSTALLED BY	MANUFACTURER	MODEL	LAMP(S)	VOLTS	WATTS	SPECIAL REQUIREMENTS
A1	9	2x2 LED LENSED TROFFER	LAY-IN	TLS	GC	NORA LIGHTING	NPDBL-E22/334 W	(1) 3000K LED	120	30	COMPATIBLE WITH 0-10V DIMMING, FACTORY LOCKED TO 3000K
B1	8	RECESSED 6IN CAN LIGHT	CEILING	TLS	GC	NORA LIGHTING	NHIC-6G24ATFL with NTM-57W/M1 Trim	(1) 17W ECOSTORY ECO-PAR38C-17-GU24-27K-25D LED (25°-2700K) W/ GU 24 BASE	120	17	
B2	35	RECESSED 6IN CAN LIGHT W/ LED TRIM	CEILING	TLS	GC	NORA LIGHTING	NHIC-6G24ATFL WITH NLCBC-65130WW LED TRIM	INTEGRAL 3000K LED	120	17	LED TRIM FURNISHED WITH GU24 SOCKET ADAPTER
B3	7	RECESSED 6IN CAN LIGHT W/ BLACK LED TRIM	CEILING	TLS	GC	NORA LIGHTING	NHIC-6G24ATFL WITH NLCBC2-65127BB LED TRIM	INTEGRAL 3000K LED	120	12	BLACK LED TRIM FURNISHED WITH GU24 SOCKET ADAPTER
C0	3	LOW PROFILE LED - 1 FT	SURFACE	TLS	GC	HERA LIGHTING	EL/LED/12/WW	INTEGRAL 3000K LED	120	5	FURNISHED WITH COVERS, CONNECTORS, AND ONE HARDWIRE BOX OR CORD/PLUG PER SECTION
C1	1	LOW PROFILE LED - 2 FT	SURFACE	TLS	GC	HERA LIGHTING	EL/LED/22/WW	INTEGRAL 3000K LED	120	9	FURNISHED WITH COVERS, CONNECTORS, AND ONE HARDWIRE BOX OR CORD/PLUG PER SECTION
3 C2	4	LOW PROFILE LED - 3 FT	SURFACE	TLS	GC	HERA LIGHTING	EL/LED/34/WW	INTEGRAL 3000K LED	120	12	FURNISHED WITH COVERS, CONNECTORS, AND ONE HARDWIRE BOX OR CORD/PLUG PER SECTION
C3	5	LOW PROFILE LED - 4 FT	SURFACE	TLS	GC	HERA LIGHTING	EL/LED/46/WW	INTEGRAL 3000K LED	120	15	FURNISHED WITH COVERS, CONNECTORS, AND ONE HARDWIRE BOX OR CORD/PLUG PER SECTION
C4	5	LOW PROFILE LED - 5 FT	SURFACE	TLS	GC	HERA LIGHTING	EL/LED/59/WW	INTEGRAL 3000K LED	120	18	FURNISHED WITH COVERS, CONNECTORS, AND ONE HARDWIRE BOX OR CORD/PLUG PER SECTION
C7-2	1	LED CHANNEL LIGHT	SURFACE	TLS	GC	PARADIGM LED	PL-AMC-1715 W/ OPAL LENS AND END CAPS (90°)	PL-FLEXSR590-WW-INT-3000K	120	34	FURNISHED W/ REMOTE-MOUNTED DIMMABLE 24V LED DRIVER SIZED FOR CONNECTED LOAD.
E1	4	EMERGENCY LIGHT - DUAL HEAD	VARIOUS	TLS	GC	EXITRONIX	LED-90	(2) SPECIAL LED	120	2	90 MINUTE BATTERY BACKUP
E2	3	EXTERIOR REMOTE EMERGENCY LIGHT	VARIOUS	SHGC	SHGC	EXITRONIX	MLED1-B-WP	(1) SPECIAL LED	4	1	LOW VOLTAGE REMOTE EMERGENCY LIGHT POWERED BY REMOTE-CAPABLE EXIT SIGN WITH MOUNTING PLATE
E4	1	WHITE EXIT SIGN WITH EMERGENCY LIGHT - STANDARD RED LETTERS	VARIOUS	TLS	GC	EXITRONIX	CLED-U-WH	(1) SPECIAL LED	120	2	90 MINUTE BATTERY BACKUP WITH INTEGRAL EMERGENCY LIGHT, REMOTE HEAD CAPABLE
E5	3	WHITE EXIT SIGN WITH EMERGENCY LIGHT - STANDARD RED LETTERS	VARIOUS	SHGC	SHGC	EXITRONIX	CLED-U-WH	(1) SPECIAL LED	120	2	90 MINUTE BATTERY BACKUP WITH INTEGRAL EMERGENCY LIGHT, REMOTE HEAD CAPABLE
E7	9	EMERGENCY LIGHT	VARIOUS	TLS	GC	DUAL-LITE	EV2	(2) 1W INTEGRAL LED	120	1	90 MINUTE BATTERY BACKUP
H1	8	HOOD LIGHT	SURFACE	THS/TLS	THS	VAPOR PROOF LIGHT FIXTURE FURNISHED WITH HOOD	FURNISHED WITH HOOD	(1) TCP L16A19N1527K	120	23	INSTALL LAMP FURNISHED SEPARATELY BY LIGHTING SUPPLIER
3 HAB2	6	PENDANT LIGHT - CORK	CEILING	TMS	GC	TBD	TBD	INTEGRAL	120	11	
HAB4	21	SQUARE CEILING LIGHT	SUSPENDED	TMS	GC	TBD	TBD	INTEGRAL	120	36	FURNISHED W/ LED DRIVER W/ 0-10V DIMMING INPUT (DRIVER SHARED BETWEEN MULTIPLE FIXTURES)
P4	1	PENDANT	SURFACE	TLS	GC	HI-LITE MFG	H-LC-91/CB12-91/10W LBL	TCP LED8P20D27KNFLB	120	8	ADJUST CORD LENGTH FOR MOUNTING HEIGHT CALLED FOR IN ARCHITECTURAL DRAWINGS
P5	1	PENDANT	SURFACE	TLS	GC	HI-LITE MFG	H-LC-91/CB12-91/20W LBL	TCP FG25D4027CCQ	120	5	ADJUST CORD LENGTH FOR MOUNTING HEIGHT CALLED FOR IN ARCHITECTURAL DRAWINGS
S1	1	DRIVE-UP PICK-UP WINDOW CHIME/STROBE	WALL	TLS	GC	FEDERAL SIGNAL	SLM500B W/ SLMBW-012-024	INTEGRAL	16	0	SET SWITCH A TO "CHIME 1 SINGLE" (11011) AND SWITCH B TO "CHIME 2 SINGLE" (00111)
T1	9	TRACK HEAD	TRACK	TLS	GC	JUNO	R605L 30K 90CRI PDIM WFL BL	INTEGRAL LED	120	10	BLACK CYLINDER TRACK HEAD W/ UNIVERSAL 120V TRAC ADAPTER AND WIDE FLOOD BEAM
T-6	1	TRACK (6 FEET)	SURFACE	TLS	GC	JUNO	T 6FT BK	N/A	120	0	SINGLE CIRCUIT, BLACK FINISH
T-8	1	TRACK (8 FEET)	SURFACE	TLS	GC	JUNO	T 8FT BK	N/A	120	0	SINGLE CIRCUIT, BLACK FINISH
TCL-0.5	1	CURRENT LIMITER (60W)	SURFACE	TLS	GC	JUNO	TCLFM11 BL W/ TCLCB 0.5A BLCK	N/A	120	0	BLACK CURRENT LIMITING END FEED
W1	4	WIC LED FIXTURE	SURFACE	WCS	GC	FURNISHED WITH WIC	FURNISHED WITH WIC	INTEGRAL LED	120	29	WET-RATED COOLER FIXTURE
X9	2	LED CHANNEL LIGHT	SURFACE	SHGC	SHGC	PARADIGM LED	AMC-2410-S W/ OPAL LENS AND END CAPS	FLEXSR-45-30-67-24	120		FURNISHED W/ REMOTE-MOUNTED NEMA 3R LED DRIVER. SEE PLAN FOR LENGTHS.
2 Z4	5	IN GROUND LIGHT	FLUSH	TLS	GC	KIM LIGHTING	LTV67SP/6L3K120	INTEGRAL LED	120	10	REFER TO ARCHITECURAL SHEETS FOR FINISH

LIGHTING FIXTURE SCHEDULE NOTES

A. FLUORESCENT LAMPS NOT INCLUDED WITH THE FIXTUREA RE TO BE MANUFACTURED BY SYLVANIA UNLESS OTHERWISE NOTED. PHILIPS FLUORESCENT LAMPS WILL BE AN ACCEPTABLE ALTERNATE.

B. SEE THE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LIGHT LOCATIONS.

C. SEE THE ARCHITECTURAL LIGHTING DETAILS FOR FIXTURE CONSTRUCTION DETAILS.

ELECTRICAL LIGHTING PLAN NOTES

1 INSTALL WALL-MOUNTED LIGHTING OVERRIDE SWITCH AND CONNECT TO LCP AS SHOWN IN DETAIL 6/E710

2 FOR UNCIRCUITED LIGHT FIXTURES, CONNECT TO RELAY CIRCUIT INDICATED NEXT TO THE FIXTURE TAG THROUGH THE LIGHTING CONTROL PANEL (LCP) UNLESS NOTED OTHERWISE.

3 WALL MOUNT THE EMERGENCY LIGHT FIXTURE AT 6" BELOW THE CEILING UNLESS NOTED OTHERWISE

4 VERIFY MOUNTING HEIGHT OF EXIT SIGN PRIOR TO ROUGH IN. EXIT SIGN MUST BE VISIBLE FROM AREA SERVED AFTER BUILDING SYSTEMS HAVE BEEN INSTALLED. SEE ARCHITECTURAL ELEVATIONS FOR FURTHER INFORMATION.

5 SHELL GC TO INSTALL LED DRIVERS FURNISHED WITH THE X9 LED STRIP LIGHTS ON WALL 6" ABOVE THE CEILING IN AN ACCESSIBLE LOCATION. PROVIDE LOW VOLTAGE WIRING FROM LED DRIVER TO THE X9 LIGHT FIXTURES AS SHOWN.

6 INSTALL LIGHT FIXTURES FURNISHED WITH THE WALK-IN COOLER. PROVIDE UNSWITCHED CONDUCTOR FROM LIGHTING CIRCUIT TO WALK-IN COOLER LIGHTING J-BOX AND FROM J-BOX TO LIGHT FIXTURES AS SHOWN. CONDUIT BETWEEN LIGHT FIXTURES SHALL BE ROUTED ON THE INTERIOR OF THE WALK-IN COOLER. SEAL INTERIOR AND EXTERIOR OF CONDUITS WHERE THEY PASS THROUGH THE WALK-IN COOLER ENVELOPE PER THE NEC.

7 PROVIDE (2) GFCI RECEPTACLES FOR UNDERSHELF LIGHTING AS SHOWN. CONNECT TO SWITCHED LEG OF THE KITCHEN LIGHTING CIRCUIT. SEE ELEVATIONS ON SHEET E700 FOR RECEPTACLE LOCATIONS, HEIGHTS, AND CIRCUITING. INSTALL RECEPTACLES IN A HORIZONTAL ORIENTATION.

8 PROVIDE UNISTRUT AS SHOWN ON THE ARCHITECTURAL RCP PER THE ARCHITECTURAL UNISTRUT DETAIL. TYPICAL.

9 CONNECT EXTERIOR LIGHTING CIRCUIT TO CIRCUIT SHOWN THROUGH THE EXTERIOR LIGHTING CONTACTOR PANEL PER DETAIL 6/E710.

10 INSTALL WALL-MOUNTED OCCUPANCY SENSOR FURNISHED BY LIGHTING SUPPLIER AT 42" AFF. ADJUST OCCUPANCY SENSOR TO PROVIDE AUTOMATIC ON/AUTOMATIC OFF OPERATION WITH A FIXED TIMER OF 30 MINUTES AND WITH BOTH THE PASSIVE INFRARED AND ULTRASONIC SENSORS ENABLED.

11 INSTALL CHIME/STROBE FURNISHED WITH VEHICLE DETECTION SYSTEM ON WALL 12" BELOW CEILING AND CONNECT TO VEHICLE DETECTOR SYSTEM PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.

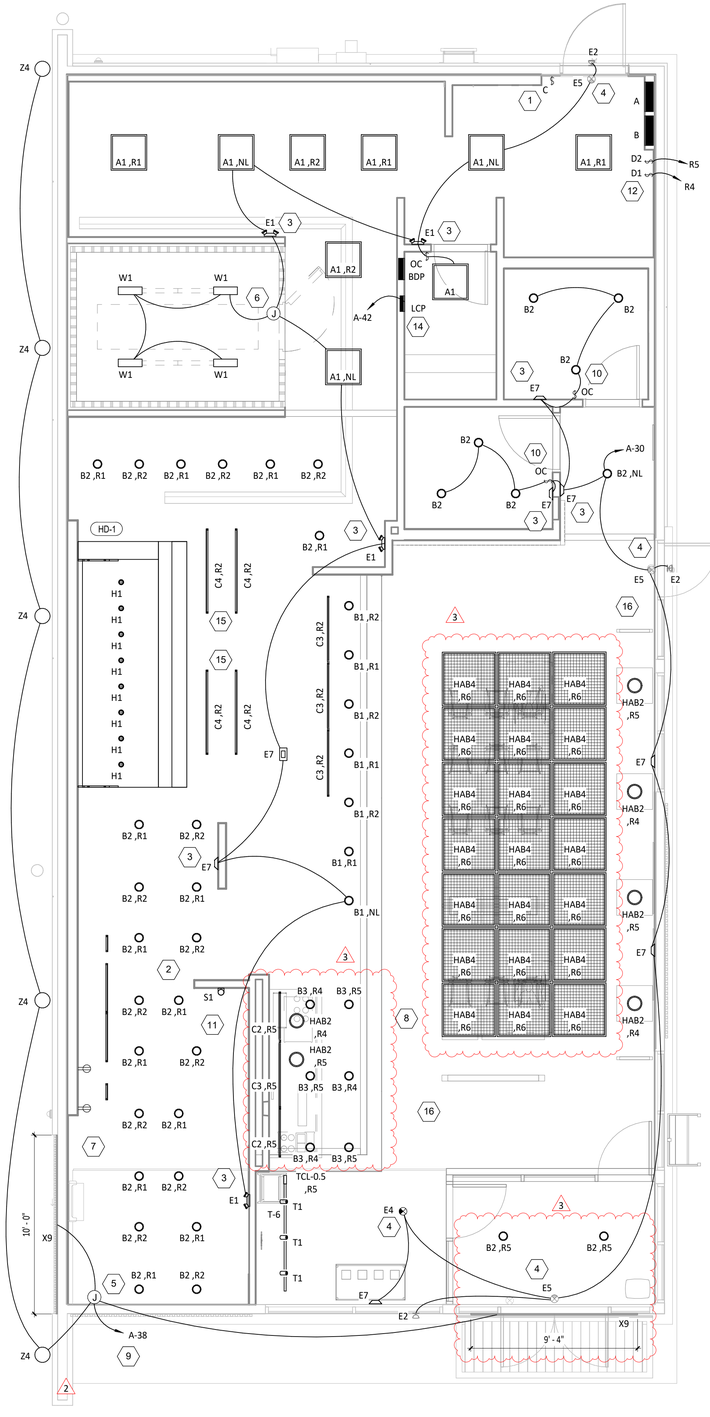
12 INSTALL WALL-MOUNTED DIMMERS ABOVE PANELBOARDS 6" ABOVE LAY-IN CEILING FOR CONTROL OF DINING ROOM OVERHEAD STRIP LED LIGHTS. CONNECT DIMMERS TO RELAYS SHOWN THROUGH THE LIGHTING CONTROL PANEL. SET DIMMERS AT 50%.

13 CONNECT DINING ROOM (RELAY CIRCUITS R4 AND R5) OVERHEAD STRIP LED LIGHTS TO THE RELAY INDICATED THROUGH THE CORRESPONDING WALL-MOUNTED DIMMER INSTALLED ABOVE THE PANELBOARDS.

14 INSTALL LIGHTING CONTROL SYSTEM PER DETAIL 6/E710.

15 INSTALL (2) C4 FIXTURES AND HARDWIRE BOX ON BOTTOM OF CEILING-MOUNTED SHELVING. PROVIDE WIRING (MC OR SO CORD) DOWN IN SUPPORT FROM CEILING TO HARDWIRE BOX AND INSTALL JUMPERS FROM HARDWIRE BOX TO LIGHT AND BETWEEN LIGHTS.

16 CONNECT LED DRIVERS FOR CEILING ELEMENT LIGHTS TO CIRCUIT SHOWN AND PROVIDE LOW VOLTAGE WIRING FROM DRIVERS TO FIXTURES PER MANUFACTURER'S INSTRUCTIONS. PROVIDE LOW VOLTAGE WIRING FROM DRIVER TO LCP FOR DIMMING CONTROL.



1 E100 **LIGHTING FLOOR PLAN**

1/4" = 1'-0"

Consultant:

NATIONAL ENGINEERING

4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Cliff Kigar
(614) 328-2033
ckigar@nationalengineering.com

FOR CONSTRUCTION

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC.

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 5081

146TH & HAZEL DELL PARKWAY
TBD 146TH & HAZEL DELL PARKWAY
CLAYTOWNSHIP, IN 46033

Issue Record:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

Revisions:

2	06/12/2024	REVISION 02
3	07/01/2024	CONSTUCTION & BID SET

Drawn: MKT/CJK
Checked: MPC

Project No.
2301081

Contents:
ELECTRICAL LIGHTING PLAN

E100

ELECTRICAL POWER PLAN NOTES

1 SHOW ROOM WINDOW RECEPTACLE. COORDINATE EXACT RECEPTACLE MOUNTING HEIGHT IN THE FIELD. LOCATION SHALL BE IN THE DRYWALL IMMEDIATELY ABOVE THE MAIN STORE-FRONT WINDOW AND AS SHOWN IN THE DINING ROOM ELECTRICAL ELEVATIONS ON SHEET E700.

2 ICE MACHINE ELECTRICAL TIE-IN. COORDINATE EXACT LOCATION WITH EQUIPMENT INSTALLER PRIOR TO ROUGH-IN. PROVIDE L5-20P FLANGED INLET WIRED TO THE REMOTE CONDENSER. PROVIDE 48" CORDS, ONE WITH 5-20P END AND ONE WITH L5-20R END, FROM ICE MAKER TO RECEPTACLE AND FLANGED INLET.

3 CONNECT RECEPTACLES SERVING EQUIPMENT BELOW THE KITCHEN HOOD TO THE CIRCUITS SHOWN THROUGH THE CONTACTOR INTEGRAL TO THE HOOD CONTROL PANEL. INTEGRAL CONTACTOR SHALL BE INTERLOCKED TO HOOD FIRE PROTECTION SYSTEM SO THAT RECEPTACLES ARE DE-ENERGIZED UPON ACTIVATION OF HOOD FIRE PROTECTION SYSTEM.

4 JUNCTION BOX FOR EXTERIOR SIGN LIGHTING. COORDINATE EXACT LOCATION WITH CHIPOTLE'S CONSTRUCTION MANAGER AND THE SIGN INSTALLER PRIOR TO ROUGH-IN. CONNECT TO CIRCUIT SHOWN THROUGH THE EXTERIOR LIGHTING CONTACTOR PANEL AS SHOWN IN DETAIL 6/E710.

5 PROVIDE SIGNLE GANG VERTICLE J-BOX FOR THE KITCHEN EXHAUST SUPPRESSION SYSTEM PULL STATION. PROVIDE A 1/2" CONDUIT FROM THE J-BOX TO 6" ABOVE THE CEILING AND TERMINATE WITH A CONDUIT BUSHING. COORDINATE EXACT LOCATION WITH THE KITCHEN EXHAUST SUPPRESSION SYSTEM INSTALLER AND THE FIRE MARSHALL PRIOR TO ROUGH-IN.

6 HOOD CONTROL PANEL AND KITCHEN EXHAUST SUPPRESSION SYSTEM CABINET SHALL BE LOCATED WITHIN THE INTEGRAL HOOD UTILITY CABINET. PROVIDE FINAL ELECTRICAL CONNECTIONS PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS NECESSARY FOR A COMPLETE AND OPERATIONAL SYSTEM.

7 PROVIDE A RECESSED J-BOX AT 48" AFF FOR THE INSTALLATION OF THE SECURITY SYSTEM KEYPAD WITH A 3/4" CONDUIT TO ABOVE THE DROP TILE CEILING IN THE OFFICE AREA. TERMINATE CONDUIT WITH A CONDUIT BUSHING.

8 PROVIDE AN EMPTY SINGLE GANG J-BOX FOR VOLUME CONTROLS. INSTALL 16/2 SPEAKER WIRE FURNISHED BY MSS FROM THE J-BOX TO THE AMPLIFIER IN THE OFFICE WITH 3 FEET OF SLACK AT EACH END.

9 COORDINATE DATA/POWER RECEPTACLE MOUNTING REQUIREMENTS WITH THE CASE WORK INSTALLER PRIOR TO ROUGH-IN.

10 PROVIDE ROUGH-IN FOR LAUNCHPORT AS NOTED. LAUNCHPORT WILL BE FURNISHED AND INSTALLED BY CHIPOTLE WITH THE WALLSTATION AT 62" AFF. PROVIDE A 4" X 2-1/8" DEEP OCTAGON J-BOX WITH 1-1/2" EXTENSION RING AT 62" AFF FOR THE WALLSTATION INSTALLATION WITH A 1" CONDUIT WITH PULL STRING FROM THE J-BOX TO ABOVE THE OFFICE CEILING.

11 PROVIDE (2) EMPTY 2" CONDUITS WITH PULL STRINGS FROM THE BASE BUILDING'S TELEPHONE AND DATA SERVICE ENTRANCE LOCATIONS TO THE SPACE ABOVE THE OFFICE CEILING. TERMINATE WITH CONDUIT BUSHING.

12 PROVIDE A SUITABLE LENGTH OF LIQUID-TIGHT CONDUIT TO THE EXHAUST FAN EF-1 TO ALLOW THE EXHAUST FAN TO HINGE COMPLETELY OPEN WHEN THE VIROGUARD SYSTEM IS INSTALLED.

13 AFTER THE FAX LINE, POS, AND OFFICE EQUIPMENT IS INSTALLED PROVIDE CHILDPROOF RECEPTACLE COVERS ON UNUSED IG RECEPTACLES AT THE FAX LINE, POS, AND OFFICE.

14 PROVIDE ONE PHASE, ONE NEUTRAL, AND ONE GROUND CONDUCTOR FROM THE ICE MAKER TO THE REMOTE CONDENSING UNIT.

15 UNIT SHALL HAVE AN INTEGRAL NON-FUSED DISCONNECT SWITCH.

16 PROVIDE 3" CONDUIT (EMT, IMC, OR RMC) THROUGH ROOF. TERMINATE WITH WEATHERHEAD 12" ABOVE ROOF FOR FUTURE CELL BOOSTER.

17 INSTALL THE BYPASS DISTRIBUTION PANEL (BDP) FURNISHED BY THE TENANT. INSTALL PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND DETAIL 3/E710.

18 ROUGH-INS TO SERVE LINE AND POS EQUIPMENT ARE UNDERGROUND. COORDINATE ROUGH-IN REQUIREMENTS AND LOCATIONS WITH EQUIPMENT MANUFACTURER PRIOR TO ROUGH-IN.

19 ROOFTOP UNIT SHALL HAVE AN INTEGRAL UNIT-MOUNTED GFCI RECEPTACLE. PROVIDE CONNECTION TO CIRCUIT SHOWN.

20 ICE MAKER RECEPTACLES SHALL BE CONCEALED BEHIND THE ICE MAKER. COORDINATE LOCATION WITH ACTUAL WIDTH OF ICE MAKER.

21 PROVIDE VERTICAL METAL DIE CAST WEATHERPROOF WHILE IN USE OUTLET COVER ON RECEPTACLES AT COOK LINE. COVER SHALL BE INTERMATIC WP1010MXD FOR SINGLE GANG BOXES AND WP1030MXD FOR DOUBLE GANG BOXES. NO SUBSTITUTIONS SHALL BE ACCEPTED.

22 LABEL BATTERY-PROTECTED RECEPTACLES "BATTERY-PROTECTED: DISCONNECT AT PANEL BDP".

23 LABEL MAIN DISCONNECT SWITCH AND PANEL A "WARNING: BATTERY-PROTECTED RECEPTACLES IN USE. DISCONNECT AT PANEL BDP."

24 PROVIDE A NEMA 5-20P FLANGED INLET (LEVITON MODEL #15378-C) AND A SINGLE NEMA 5-20R RECEPTACLE IN OFFICE FOR CONNECTION TO A CENTRAL UPS SYSTEM. CONNECT THE FLANGED INLET AND THE SINGLE RECEPTACLE TO THE TERMINAL BLOCK IN THE BDP PER THE MANUFACTURER'S INSTRUCTIONS. PROVIDE FINAL CONNECTION FROM FLANGED INLET TO THE OUTPUT OF THE UPS USING A 2'-LONG 20A EXTENSION CORD. PLUG THE UPS INTO THE SINGLE RECEPTACLE.

25 CONNECT RESTROOM EXHAUST FAN TO CIRCUIT SHOWN THROUGH THE LIGHTING CONTROL PANEL (LCP).

26 INSTALL 16/2 SPEAKER WIRE FURNISHED BY MSS. INSTALL SPEAKER WIRE BETWEEN SPEAKERS IN THE DINING ROOM AS SHOWN TO THE VOLUME CONTROL IN THE KITCHEN WITH 3 FEET OF SLACK AT EACH END. SEE ARCHITECTURAL PLANS FOR SPEAKER LOCATIONS. ADJUST EACH SPEAKER 70V TAP SETTING TO BE 15 WATTS.

27 PROVIDE POWER CONNECTIONS TO ISLAND PREP TABLE PER DETAIL 2/E710. PROVIDE GFCI DUPLEX RECEPTACLES IN THREE J-BOXES INTEGRAL TO PREP TABLES (FOR UNDERCOUNTER REFRIGERATOR, HOT HOLDING CABINET, AND GENERAL RECEPTACLE).

28 PROVIDE GFCI RECEPTACLE AND J-BOX AND INSTALL CO2 ALARM FURNISHED BY CO2AS AS SHOWN IN DETAIL 4/E710.

29 PROVIDE J-BOX AND INSTALL CO2 ALARM REMOTE DISPLAY UNIT FURNISHED BY CO2AS AS SHOWN IN DETAIL 4/E710.

30 INSTALL WALK-IN-COOLER EXTERNAL READOUT THERMOMETER REMOTE PROBE ON WALL OPPOSITE FROM DOOR AS SHOWN. ROUTE TEMPERATURE PROBE WIRE ABOVE WALK-IN COOLER CEILING PANELS, SEAL PENETRATIONS THROUGH THE CEILING PANELS, AND SECURE VERTICAL PROBE WIRE TIGHT TO WALLS. NO EXCESS PROBE WIRE SHALL BE WITHIN THE WALK-IN COOLER.

31 PROVIDE RECEPTACLE FOR RESTROOM HAND SINK FAUCET AS SHOWN IN DETAIL 14/P700.

32 PROVIDE A DUPLEX GFCI RECEPTACLE WITH WEATHERPROOF WHILE IN USE OUTLET COVER FOR IRRIGATION CONTROLLER.

33 PROVIDE 1" CONDUITS FROM LOW-VOLTAGE J-BOXES AT POS COUNTER CONCEALED WITHIN THE SERVE LINE WIRING CHASE TO THE WALL, THEN CONCEALED WITHIN THE WALL AND ABOVE THE CEILING TO ABOVE THE OFFICE CEILING.

34 PROVIDE SINGLE-GANG J-BOX FOR DATA JACK AS SHOWN FOR KRONOS TIME CLOCK.

35 PROVIDE A TWO-CONDUCTOR LOW VOLTAGE WIRE IN 3/4" C. AND (4) #12, #12 N., #12 G. IN 1" C. FROM MAU-1 TO THE HOOD CONTROL PANEL PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.

36 IF NEUTRAL CONDUCTOR IS NOT NEEDED FOR SERVE LINE HOT FOOD SERVER TERMINATE NEUTRAL IN JUNCTION BOX.

37 LABEL RECEPTACLE "UV INSECT TRAP".

38 INSTALL TRANSFORMER FURNISHED BY TUV WITH THE REME HALO AIR PURIFIER IN THE JUNCTION BOX ON THE EXTERIOR OF THE RTU PER DETAIL 6/M700. CONNECT LINE SIDE OF THE TRANSFORMER TO THE RTU SERVICE RECEPTACLE CIRCUIT SO THAT REME HALO RUNS CONTINUOUSLY. CONNECT THE LOW VOLTAGE SIDE OF THE TRANSFORMER TO THE REME HALO USING THE INCLUDED BARREL PLUG.

39 PROVIDE (2) 10"X10"X4" JUNCTION BOXES (J-BOX #1/J-BOX #2) ON THE WALL ABOVE PANELBOARDS 6" BELOW THE LAY-IN CEILING AND MOUNTED ADJACENT TO EACH. PROVIDE CONDUITS AND WIRING SHOWN IN DETAIL 8/E710. TEMS SHALL PROVIDE GRIDPOINT 3 PHASE METER AND TRANSFORMER WITHIN J-BOX #1 AND GRIDPOINT IOM/HUB WITHIN J-BOX #2. SEE GRIDPOINT INSTALLATION SHEET FOR DETAILS.

40 PROVIDE HORIZONTAL SINGLE-GANG J-BOX BELOW FUTURE GRIDPOINT CONTROLLER LOCATION. PROVIDE CONDUITS AND WIRING AS SHOWN IN DETAIL 8/E710.

41 INSTALL WIRED DOOR BUZZER AT 96" AFF. SEE ARCHITECTURAL DOOR EQUIPMENT FOR EQUIPMENT INFORMATION. CONNECT TO CIRCUIT SHOWN THROUGH THE TRANSFORMER FURNISHED WITH THE DOOR BUZZER. PROVIDE WIRING TO A BUTTON ADJACENT TO THE SERVICE DOOR AND CONNECT PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.

42 CONNECT BATHROOM SANITIZER TO CIRCUIT SHOWN SO THAT IT IS ENERGIZED AT ALL TIMES.

43 PROVIDE POWER AND LOW VOLTAGE CONNECTIONS TO DISH SANITIZING MACHINE PER DETAIL 7/E710. CONNECT THE DETERGENT DISPENSER TO THE DISH MACHINE USING THE INCLUDED WIRING HARNESS PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.

44 PROVIDE RECEPTACLE FOR 2-DOOR AND/OR 1-DOOR REFRIGERATOR WITH GROUND PINS TOWARDS THE BOTTOM OF THE RECEPTACLE.

45 PROVIDE ISLAND PREP TABLE FOOD WARMER RECEPTACLE WITH GROUND PIN TOWARDS THE BOTTOM OF THE RECEPTACLE.

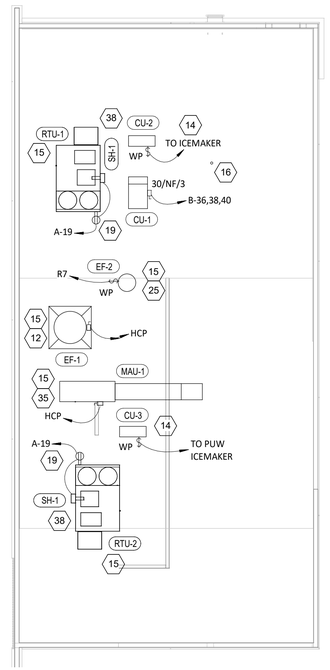
46 SEAL INTERIOR AND EXTERIOR OF CONDUITS THAT PASS THROUGH THE WALK-IN COOLER ENVELOPE PER THE NEC.

47 INSTALL VEHICLE DETECTOR SYSTEM FURNISHED BY TLS SURFACE-MOUNTED ON WALL IN ACCESSIBLE LOCATION ABOVE CEILING AND CONNECT TO STROBE/CHIME AND DETECTOR LOOP PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. MAKE FINAL ADJUSTMENTS TO LOOP SENSITIVITY PER THE MANUFACTURER'S INSTRUCTIONS. ONCE ALL COMPONENTS ARE INSTALLED AND OPERATIONAL THE CHIME/STROBE LIGHT SHOULD STAY ILLUMINATED AND THERE SHOULD BE A SINGLE CHIME WHEN A VEHICLE DRIVES OVER OR STOPS ON LOOP.

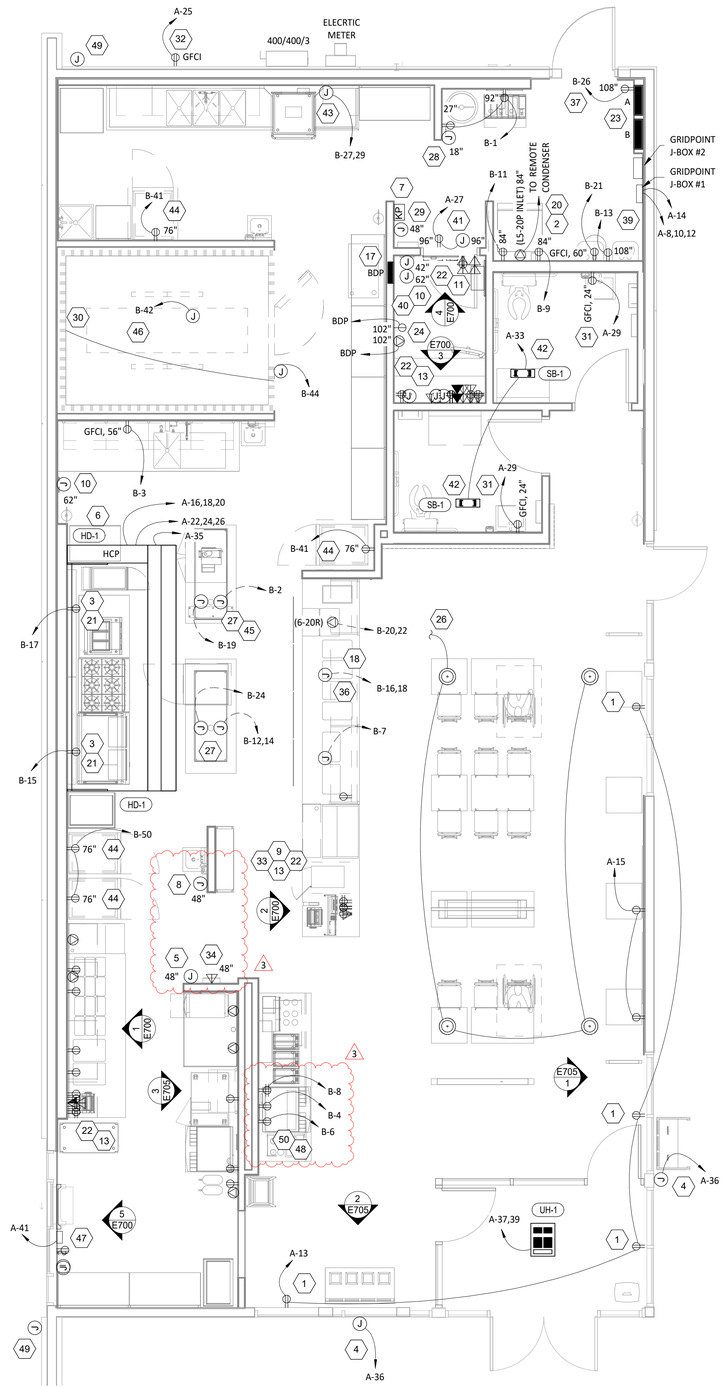
48 LABEL UTENSIL COUNTER RECEPTACLES "TRACTOR BEVERAGE", "ICE MAKER/IMSB", AND "SODA FOUNTAIN".

49 PROVIDE 4" SQUARE J-BOX ON EXTERIOR WALL FOR MOUNTING OF EXTERIOR CAMERA. SEE ARCHITECTURAL ELEVATION FOR EXACT HEIGHT AND LOCATION. PROVIDE 3/4" CONDUIT WITH PULLSTRING FROM J-BOX TO ABOVE LAY-IN CEILING AREA IN KITCHEN. J-BOX SHALL NOT BE SURFACE MOUNTED. BASE OF CAMERA SHALL BE MOUNTED FLUSH TO EXTERIOR WALL FINISH.

50 PROVIDE CORD AND NEMA 5-20P PLUG FROM UTENSIL COUNTER ICE MAKER, THROUGH UTENSIL COUNTER, TO ICE MAKER RECEPTACLE.



2/E110 **POWER ROOF PLAN**
1/8" = 1'-0"



1/E110 **POWER FLOOR PLAN**
1/4" = 1'-0"

Consultant:

NATIONAL ENGINEERING
4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Cliff Kigar
(614) 328-2033
ckigar@nationalengineering.com

FOR CONSTRUCTION

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 5081
146TH & HAZEL DELL PARKWAY
TBD 146TH & HAZEL DELL PARKWAY
CLAYTOWNSHIP, IN 46033

Issue Record:	
04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

#	Revisions:	
3	07/01/2024	CONSTUCTION & BID SET

Drawn: MKT/CJK
Checked: MPC

Project No.
2301081

Contents:
ELECTRICAL POWER PLAN

E110

ELECTRICAL POWER PLAN NOTES

1 INSTALL VEHICLE DETECTION LOOP FURNISHED BY TLS PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. ALIGN DETECTOR LOOP TO BE CENTERED ON THE PICK-UP WINDOW.

2 CONNECT ANNOUNCE SIGN TO CIRCUIT SHOWN THROUGH THE EXTERIOR LIGHTING CONTACTOR PANEL AS SHOWN IN DETAIL 6/E710. SEE DETAIL 2/THIS SHEET FOR SITE CONDUITS.

3 SHELL GC TO PROVIDE EMPTY CONDUIT WITH PULL STRING TO CLEARANCE BAR. SEE DETAIL 2/THIS SHEET FOR SITE CONDUITS.

4 CONNECT MONUMENT SIGN TO CIRCUIT SHOWN THROUGH THE EXTERIOR LIGHTING CONTACTOR PANEL AS SHOWN IN DETAIL 6/E710. SEE DETAIL 2/THIS SHEET FOR SITE CONDUITS.

5 SHELL GC TO PROVIDE 1" SPARE LOW VOLTAGE CONDUIT. SEE DETAIL 2/THIS SHEET FOR MORE INFORMATION.

6 SHELL GC TO PROVIDE 1" SPARE LINE VOLTAGE CONDUIT. SEE DETAIL 2/THIS SHEET FOR MORE INFORMATION.

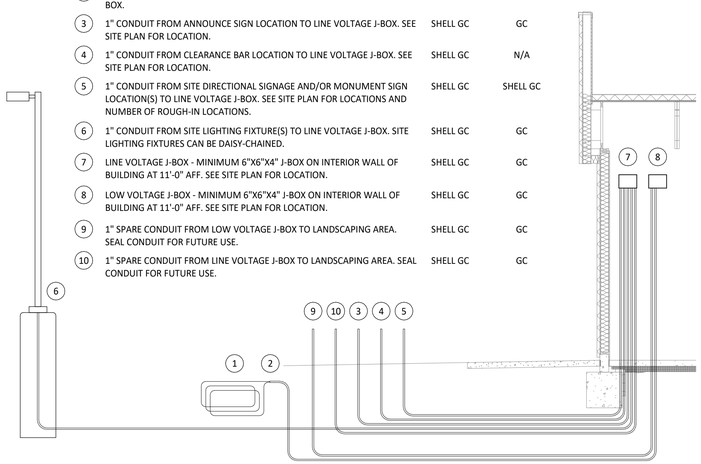
7 SHELL GC TO PROVIDE INTERIOR J-BOXES AT 11'-0" AFF FOR LINE VOLTAGE AND LOW VOLTAGE SITE WIRING. SEE DETAIL 2/THIS SHEET FOR MORE INFORMATION.

8 CONNECT THE EXISTING SITE LIGHTING TO CIRCUIT SHOWN THROUGH THE EXTERIOR LIGHTING CONTACTOR PER DETAIL 6/E710. FIELD VERIFY EXISTING LIGHTING VOLTAGE AND CIRCUITING REQUIREMENTS PRIOR TO CONNECTION.

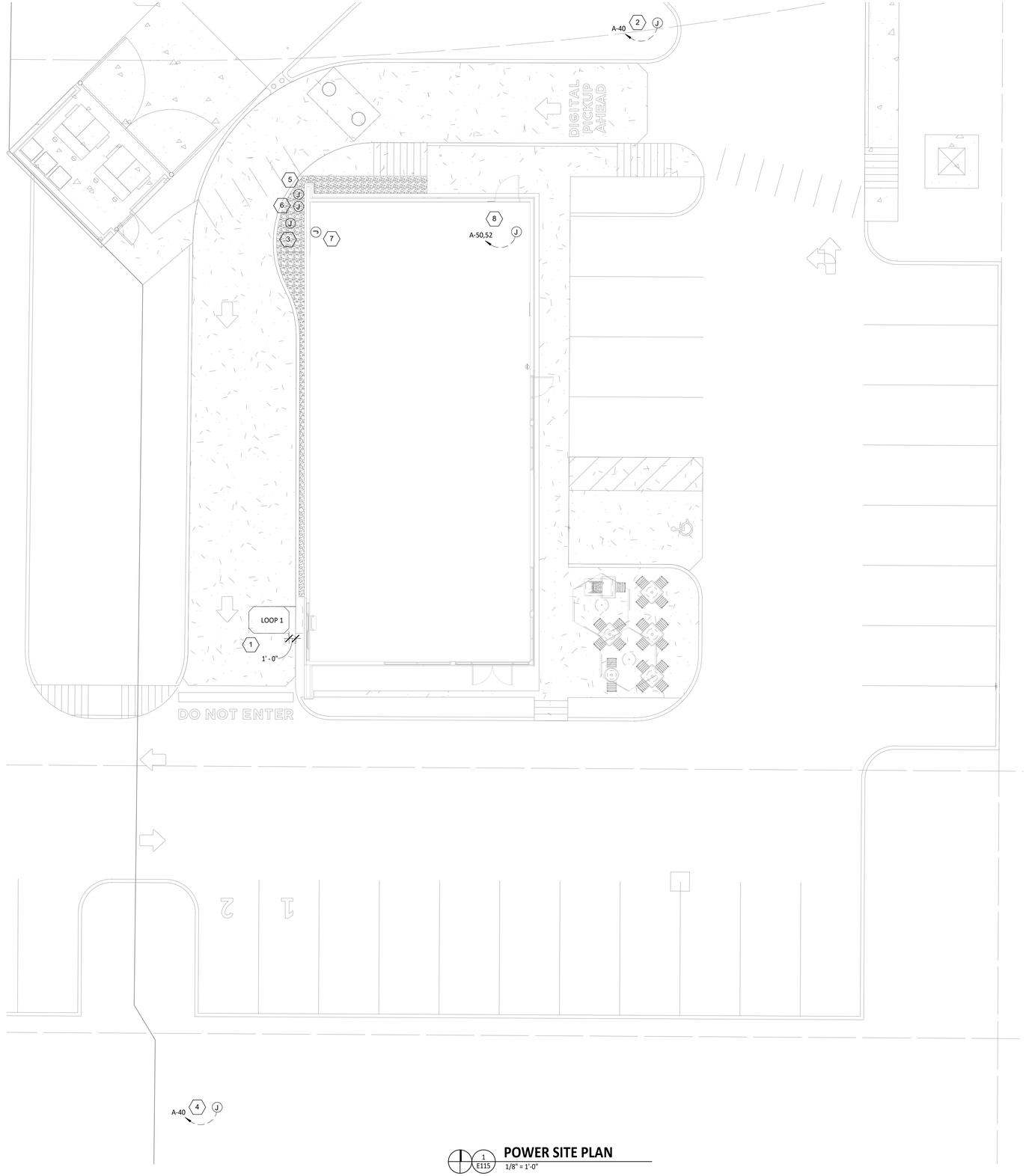
TAG	DESCRIPTION	RESPONSIBILITY: DEVICE OR CONDUIT	RESPONSIBILITY: CONNECTION OR CONDUCTORS
1	VEHICLE DETECTOR LOOP - 6'x4' WITH 4 TURNS (EMX PR-46-XX). VERIFY LENGTH OF LEAD-IN WIRE PRIOR TO ORDERING TO ALLOW WIRE TO REACH VEHICLE DETECTOR WITHOUT SPLICING. SEE SITE PLAN FOR LOCATIONS.	GC	GC
2	1" CONDUIT FROM VEHICLE DETECTOR LOOP LOCATION TO LOW VOLTAGE J-BOX.	SHELL GC	GC
3	1" CONDUIT FROM ANNOUNCE SIGN LOCATION TO LINE VOLTAGE J-BOX. SEE SITE PLAN FOR LOCATION.	SHELL GC	GC
4	1" CONDUIT FROM CLEARANCE BAR LOCATION TO LINE VOLTAGE J-BOX. SEE SITE PLAN FOR LOCATION.	SHELL GC	N/A
5	1" CONDUIT FROM SITE DIRECTIONAL SIGNAGE AND/OR MONUMENT SIGN LOCATION(S) TO LINE VOLTAGE J-BOX. SEE SITE PLAN FOR LOCATIONS AND NUMBER OF ROUGH-IN LOCATIONS.	SHELL GC	SHELL GC
6	1" CONDUIT FROM SITE LIGHTING FIXTURE(S) TO LINE VOLTAGE J-BOX. SITE LIGHTING FIXTURES CAN BE DAISY-CHAINED.	SHELL GC	GC
7	LINE VOLTAGE J-BOX - MINIMUM 6"X6"X4" J-BOX ON INTERIOR WALL OF BUILDING AT 11'-0" AFF. SEE SITE PLAN FOR LOCATION.	SHELL GC	GC
8	LOW VOLTAGE J-BOX - MINIMUM 6"X6"X4" J-BOX ON INTERIOR WALL OF BUILDING AT 11'-0" AFF. SEE SITE PLAN FOR LOCATION.	SHELL GC	GC
9	1" SPARE CONDUIT FROM LOW VOLTAGE J-BOX TO LANDSCAPING AREA. SEAL CONDUIT FOR FUTURE USE.	SHELL GC	GC
10	1" SPARE CONDUIT FROM LINE VOLTAGE J-BOX TO LANDSCAPING AREA. SEAL CONDUIT FOR FUTURE USE.	SHELL GC	GC

GENERAL NOTES

A. WORK AND MATERIALS SHALL BE COMPLIANT WITH THE NEC AND REQUIREMENTS OF THE AHJ.
B. CONDUCTORS AND CONNECTIONS BELOW GRADE, EVEN WHERE WITHIN CONDUITS OR ENCLOSURES, SHALL BE SUITABLE FOR WET LOCATIONS.
C. PROVIDE PULL STRING IN EMPTY CONDUITS.
D. SEAL ENDS OF CONDUITS STUBBED UP ABOVE GRADE TO PROTECT FROM THE ELEMENTS.



2 E115 **SITE CONDUIT DETAIL** N.T.S.



1 E115 **POWER SITE PLAN** 1/8" = 1'-0"

Consultant:
NATIONAL ENGINEERING
4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Cliff Kigar
(614) 328-2033
ckigar@nationalengineering.com

FOR CONSTRUCTION

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 5081
146TH & HAZEL DELL PARKWAY
TBD 146TH & HAZEL DELL PARKWAY
CLAYTOWNSHIP, IN 46033

Issue Record:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

Revisions:

Drawn: MKT
Checked: MPC

Project No.: 2301081

Contents:

ELECTRICAL SITE POWER PLAN

E115

Panel Name: BDP
Volts: 120
Phases: 1
Wires: 2
Mains: LUGS
Amperage: 20 A
Mounting: Recessed
Enclosure: Type 1

CKT	Circuit Description	Trip	Poles	Load
1	POS	15 A	1	0.2 kVA
2	DML - POS	15 A	1	0.2 kVA
3	DML - ORDERING SYSTEM	15 A	1	0.7 kVA
4	OFFICE - SECURITY SYSTEM	15 A	1	0.2 kVA
5	OFFICE - COMPUTER	15 A	1	0.4 kVA
6	OFFICE - DVR/ISP	15 A	1	0.5 kVA
			Total Load:	2.2 kVA
			Total Amps:	18 A

VOLTS: 208/120V Wye
PHASES: 3
WIRES: 4
MOUNTING: Recessed
ENCLOSURE: Type 1
PANEL: A
MAINS: MCB
AMPERAGE: 400 A
MCB RATING: 400 A

CKT #	DESCRIPTION	C/B [A]	# PLS	NOTES	LOAD [A]	LOAD TYPE	LOAD [VA] A	LOAD [VA] B	LOAD [VA] C	LOAD TYPE	LOAD [A]	NOTES	# PLS	C/B [A]	DESCRIPTION	CKT #
1							5.4	0.0								2
3	AIR CONDITIONER - KITCHEN (RTU-1) (3-#8, #10 G. in 1" C.)	50	3	HACR	44.9	C		5.4	0.0	-	0.0		3	60	TVSS (4-#6, #10 G. IN 1" C.)	4
5									5.4							6
7							5.4	0.0								8
9	AIR CONDITIONER - DINING ROOM (RTU-2) (3-#8, #10 G. in 1" C.)	50	3	HACR	44.9	C		5.4	0.0	-	0.0		3	20	GRIDPOINT 3 PHASE METER (4-#12, #12 G. IN 3/4" C.)	10
11									5.4							12
13	RECEPTACLES - STOREFRONT Receptáculos - Frente del restaurante	20	1		6.0	G	0.7	0.2		G	1.5		1	20	GRIDPOINT TRANSFORMER	14
15	RECEPTACLES - DINING Receptáculos - Comedor	20	1		3.0	G		0.4	1.2							16
17	Panel BDP	20	1		18.0	G			2.2	E	10.4		3	20	HOOD EXHAUST FAN (EF-1) (3-#12, #12 G. IN 3/4" C)	18
19	RECEPTACLES - ROOFTOP Receptáculos - Techo	20	1		3.3	G; E	0.4	1.2								20
21	RECEPTACLES - POS GENERAL Receptáculos - Cajero general	20	1		6.0	G		0.7	0.5							22
23	SECURITY/AUDIO Seguridad y audio	20	1		3.0	G			0.4	E	3.9		3	15	HOOD MAKEUP AIR FAN (MAU-1) (3-#12, #12 G. IN 3/4" C)	24
25	IRRIGATION CONTROLLER	20	1		0.5	F	0.1	0.5								26
27	RECEPTACLES - OFFICE Receptáculos - Oficina	20	1	GFCI	9.0	G		1.1	0.5	A; E	4.4		1	15	RESTROOM FAN (EF-2)	28
29	RECEPTACLES - RESTROOMS Receptáculos - Baños	20	1		3.0	G			0.4	A	8.8		1	20	LIGHTING - DINING ROOM Iluminación - Comedor	30
31	RECEPTACLES - DML Receptáculos - Fax	20	1	GFCI	6.9	G	0.8	1.6		A	13.6		1	20	LIGHTING - KITCHEN Iluminación - Cocina	32
33	BATHROOM SANITIZER Sanitizante de baño	20	1		0.2	E		0.0	0.0	--	--		1	20	SPARE	34
35	HD-1 (CONTROL AND LIGHTS) (control y luces)	15	1		1.5	E			0.2	B	2.7		1	20	SIGN LIGHTING Iluminación para letreros	36
37	UNIT HEATER (UH-1)	20	2		14.4	D	1.5	0.1		A	0.8		1	20	LIGHTING - EXTERIOR Iluminación - Exterior	38
39								1.5	0.7	B	5.8		1	20	SITE SIGNAGE	40
41	PICK UP WINDOW NOTIFICATION	20	1		0.3	G			0.0	A	0.0		1	20	LIGHTING CONTROL PANEL	42
43	SPARE	20	1		--	--	0.0	0.2		E	1.5		1	20	PICK-UP WINDOW	44
45	SPARE	20	1		--	--		0.0	2.1	D	20.2		2	25	PUW AIR CURTAIN (2-#10, #10 G. IN 3/4" C.)	46
47	SPARE	20	1		--	--			0.0							48
49	SPARE	20	1		--	--	0.0	0.1		B	0.5		2	20	EXISTING SITE LIGHTING	50
51	SPARE	20	1		--	--		0.0	0.1							52
53	SPARE	20	1		--	--			0.0	--	--		1	20	SPARE	54
							18.4	--		--	--		1	--		
	FEED THRU (PANEL B) (4-500 KCMIL, #1/0 G. IN 4" C.)	0	3	LUGS	153.5	Spare; A; F		17.7	--	--	--		1	--		
									19.2	--	--		1	--		
							PHASE TOTAL [kVA]:			**36.5 kVA**	**37.3 kVA**		**38.3 kVA**			
							PHASE TOTAL [AMPS]:			**304 A**	**312 A**		**320 A**			

TYPE	DESCRIPTION	CONNECTED LOAD	DEMAND FACTOR		ESTIMATED DEMAND	PANEL TOTALS
A	INTERIOR LIGHTING	3 kVA	125.00%		4 kVA	
B	EXTERIOR LIGHTING	1 kVA	125.00%		1 kVA	**TOTAL CONNECTED kVA:** 112 kVA
C	COMFORT COOLING	32 kVA	100.00%	+ 25% LARGEST MOTOR	32 kVA	**TOTAL CONNECTED AMPS:** 311 A
D	COMFORT HEATING	7 kVA	100.00%		7 kVA	**TOTAL ESTIMATED kVA:** 93.9 kVA
E	MISC. MOTOR	6 kVA	100.00%		6 kVA	**TOTAL ESTIMATED AMPS:** 261 A
F	KITCHEN EQUIPMENT	55 kVA	65.00%		36 kVA	
G	RECEPTACLES	7 kVA	100.00%		7 kVA	

VOLTS: 208/120V Wye
PHASES: 3
WIRES: 4
MOUNTING: Recessed
ENCLOSURE: Type 1
PANEL: B
MAINS: LUGS
AMPERAGE: 400 A
MCB RATING: 0 A

CKT #	DESCRIPTION	C/B [A]	# PLS	NOTES	LOAD [A]	LOAD TYPE	LOAD [VA] A	LOAD [VA] B	LOAD [VA] C	LOAD TYPE	LOAD [A]	NOTES	# PLS	C/B [A]	DESCRIPTION	CKT #
1	CARBONATOR/CO2 ALARM Sistema de carbonatación y alarma de CO2	20	1	GFCI	10.9	F	1.3	1.4							FOOD PREP TABLE (ISLAND) Mesa para la preparación de alimentos (isla)	2
3	FOOD PREP TABLE Mesa para la preparación de alimentos	20	1		11.3	F		1.4	1.1	F	11.3		1	20	SODA SYSTEM DISPENSER Dispensador para el sistema de refrescos	4
5	READY-TO-DRINK REFRIGERATOR	20	1	GFCI	8.8	F			1.1	F	9.4	GFCI	1	20	ICE MAKER - UTENSIL COUNTER Máquina para hacer hielo	6
7	COLD TOP (SERVE LINE) Tabla fría (línea de servicio)	20	1		12.0	F	1.4	0.4		A	3.0	GFCI	1	20	BUBBLER	8
9	ICE MAKER SANITIZER Desinfectante de la máquina para hacer hielo	20	1	GFCI	1.5	F		0.2	0.0	--	--		1	20	SPARE	10
11	ICE MAKER Máquina para hacer hielo	20	1	GFCI	16.0	F			1.9	F	10.0		2	20	CARVING STATION Estación para cortar carnes	12
13	GAS WATER HEATER Calentador de agua a gas	20	1	GFCI	5.0	F	0.6	1.0								14
15	GAS GRIDDLE Plancha de gas	20	1	GFCI	1.5	F		0.2	2.1	F	20.0		2	30	HOT FOOD SERVER (SERVE) (2-#10, #10 N., #10 G. in 3/4" C.) Servidor de alimentos	16
17	GAS FRYER Freidora de gas	20	1	GFCI	0.6	F			0.1							18
19	FOOD WARMER (RICE TABLE) Calentador de alimentos (mesa para el arroz)	15	1		1.5	F	0.2	1.4								20
21	WATER SOFTENER	20	1		1.5	F		0.2	1.4	F	13.0	GFCI	2	20	TORTILLA PRESS (SERVE LINE) (2-#10, #10 G. in 3/4" C.) Calentador de tortillas	22
23	TORTILLA PRESS (SML) (2-#10, #10 G. IN 3/4" C.) Calentador de tortillas (línea del fax)	20	2	GFCI	13.0	F			1.4	F	2.6		1	20	REFRIGERATOR (COOK LINE) Refrigerador (línea para cocinar)	24
25							1.4	0.2		F	1.5	GFCI	1	20	UV INSECT LIGHT TRAP	26
27	DISH MACHINE (2-#10, #10 G. IN 3/4" C.) Lavavajillas	30	2		25.0	F			2.6	F	20.0	GFCI	2	30	HOT FOOD SERVER (SML) (2-#10, #10 N., #10 G. in 3/4" C.) Servidor de alimentos calientes (línea de fax)	28
29									2.6							30
31	QUESADILLA MAKER - PUW (2-#10, #10 G. IN 3/4" C.)	30	2	GFCI	28.0	F	2.9	1.4		F	11.7	GFCI	1	20	FOODWARMER (SML) Calentador de alimentos (línea de fax)	32
33								2.9	1.2	F	10.0	GFCI	1	20	COLD TOP (SML) Tabla fría (línea de fax)	34
35	QUESADILLA MAKER - PUW (2-#10, #10 G. IN 3/4" C.)	30	2	GFCI	28.0	F			2.9	F	6.5		3	15	CU-1 (3-#10, #10 G. IN 3/4" C.)	36
37							2.9	0.8								38
39	UNDERCOUNTER COOLER (PUW)	20	1	GFCI	1.5	F		0.2	0.8							40
41	UPRIGHT REFRIGERATOR - 1 DOOR Refrigerador vertical	20	1	GFCI	10.0	F			1.2	F	1.6		1	20	WIC - EVAPORATOR	42
43	SPARE	20	1		--	--	0.0	0.0		F	0.2		1	20	WIC - DOOR	44
45	SPARE	20	1		--	--		0.0	1.5	F	12.5	GFCI	1	20	ICE MAKER (PUW) Maquina para hace hielo	46
47	SPARE	20	1		--	--			0.0	F	1.5	GFCI	1	20	SODA SYSTEM DISPENSER (PUW)	48
49	SPARE	20	1		--	--	0.0	1.2		F	10.0	GFCI	1	20	UPRIGHT REFRIGERATORS Refrigerador vertical	50
51	SPARE	20	1		--	--		0.0	0.0	--	--		1	20	SPARE	52
53	SPARE	20	1		--	--			0.0	--	--		1	20	SPARE	54
							PHASE TOTAL [kVA]:			**18.4 kVA**	**17.7 kVA**		**19.2 kVA**			
							PHASE TOTAL [AMPS]:			**154 A**	**148 A**		**161 A**			

Consultant:
NATIONAL ENGINEERING
4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Cliff Kigar
(614) 328-2033
ckigar@nationalengineering.com

FOR CONSTRUCTION

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 5081
146TH & HAZEL DELL PARKWAY
TBD 146TH & HAZEL DELL PARKWAY
CLAYTOWNSHIP, IN 46033

Issue Record:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

Revisions:

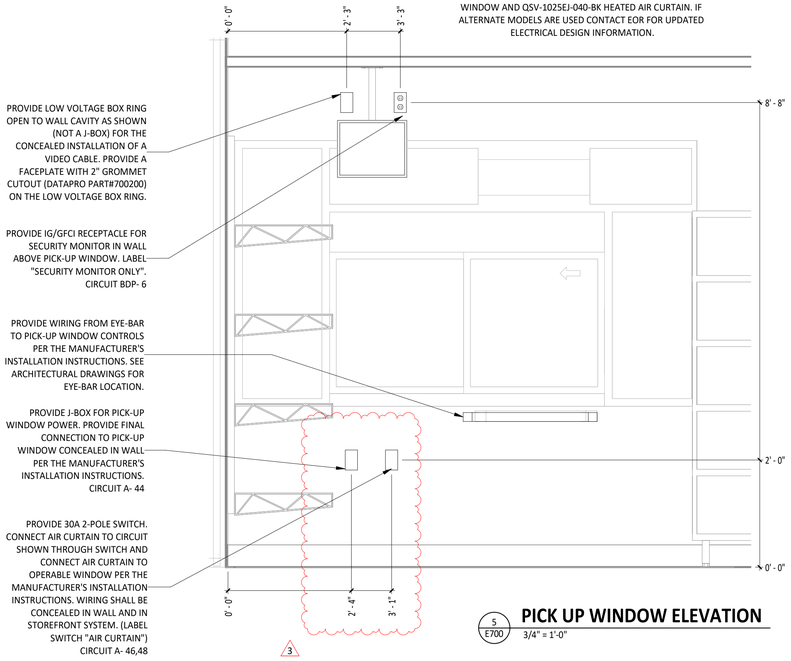
Drawn: CJK
Checked: MPC

Project No.
2301081

Contents:
ELECTRICAL SCHEDULES

E600

NOTE: ELECTRICAL CONNECTIONS SHOWN ARE FOR THE QUICKSERV MODEL SST-4035E- CHIPOTLE AUTOMATIC SLIDING WINDOW AND QSV-1025EJ-040-BK HEATED AIR CURTAIN. IF ALTERNATE MODELS ARE USED CONTACT EOR FOR UPDATED ELECTRICAL DESIGN INFORMATION.



PROVIDE LOW VOLTAGE BOX RING OPEN TO WALL CAVITY AS SHOWN (NOT A J-BOX) FOR THE CONCEALED INSTALLATION OF A VIDEO CABLE. PROVIDE A FACEPLATE WITH 2" GROMMET CUTOUT (DATAPRO PART#700200) ON THE LOW VOLTAGE BOX RING.

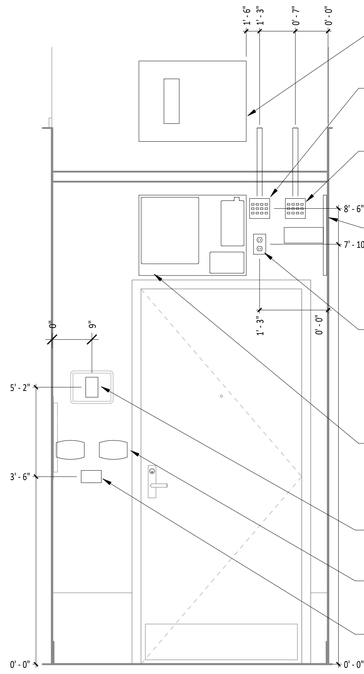
PROVIDE IG/GFCI RECEPTACLE FOR SECURITY MONITOR IN WALL ABOVE PICK-UP WINDOW. LABEL "SECURITY MONITOR ONLY". CIRCUIT BDP- 6

PROVIDE WIRING FROM EYE-BAR TO PICK-UP WINDOW CONTROLS PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. SEE ARCHITECTURAL DRAWINGS FOR EYE-BAR LOCATION.

PROVIDE J-BOX FOR PICK-UP WINDOW POWER. PROVIDE FINAL CONNECTION TO PICK-UP WINDOW CONCEALED IN WALL PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. CIRCUIT A- 44

PROVIDE 30A 2-POLE SWITCH. CONNECT AIR CURTAIN TO CIRCUIT SHOWN THROUGH SWITCH AND CONNECT AIR CURTAIN TO OPERABLE WINDOW PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. WIRING SHALL BE CONCEALED IN WALL AND IN STOREFRONT SYSTEM. (LABEL SWITCH "AIR CURTAIN") CIRCUIT A- 46,48

5 E700 PICK UP WINDOW ELEVATION
3/4" = 1'-0"



PROVIDE 24" X 18" PLYWOOD BACKBOARD ABOVE OFFICE CEILING FOR TELEPHONE 66 BLOCK

DOUBLE GANG J-BOX WITH 1" CONDUIT IN WALL TO ABOVE THE OFFICE CEILING

DOUBLE GANG J-BOX WITH 1" CONDUIT IN WALL TO ABOVE THE OFFICE CEILING FOR T1 AND SECURITY JACKS

PROVIDE 24" X 18" PLYWOOD BACKBOARD ON SIDE WALL ON TOP OF FRP. PAINT BACKBOARD WHITE. COORDINATE WITH PHONE COMPANY FOR T1 ROUTER TO BE INSTALLED ON BACKBOARD.

ISOLATED GROUND BATTERY-PROTECTED DUPLEX RECEPTACLE FOR SECURITY SYSTEM (LABEL "SECURITY SYSTEM ONLY") CIRCUIT BDP- 4

PROVIDE 24" X 18" PLYWOOD BACKBOARD ON WALL ABOVE DOOR ON TOP OF FRP. PAINT BACKBOARD WHITE. COORDINATE WITH ALARM SYSTEM INSTALLER FOR SECURITY SYSTEM CONTROL PANEL TO BE INSTALLED ON BACKBOARD.

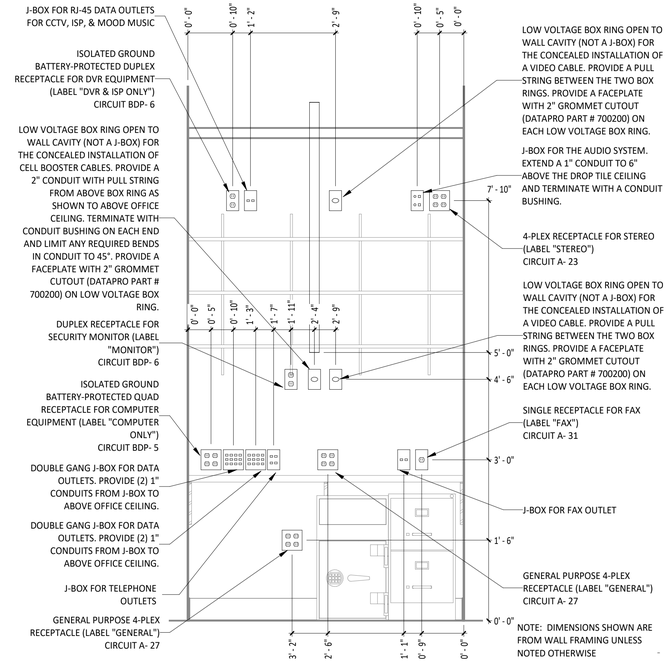
DEEP OCTAGON JBOX FOR LAUNCHPORT. SEE E110 FOR MORE INFORMATION.

VERTICAL J-BOX FOR THERMOSTATS. SEE M100 FOR MORE INFORMATION.

HORIZONTAL J-BOX FOR GRIDPOINT. SEE E110 FOR MORE INFORMATION.

NOTE: DIMENSIONS SHOWN ARE FROM WALL FRAMING UNLESS NOTED OTHERWISE

4 E700 OFFICE DOOR ELECTRICAL ELEVATION
3/4" = 1'-0"



J-BOX FOR RJ-45 DATA OUTLETS FOR CCTV, ISP, & MOOD MUSIC

ISOLATED GROUND BATTERY-PROTECTED DUPLEX RECEPTACLE FOR DVR EQUIPMENT (LABEL "DVR & ISP ONLY") CIRCUIT BDP- 6

LOW VOLTAGE BOX RING OPEN TO WALL CAVITY (NOT A J-BOX) FOR THE CONCEALED INSTALLATION OF CELL BOOSTER CABLES. PROVIDE A 2" CONDUIT WITH PULL STRING FROM ABOVE BOX RING AS SHOWN TO ABOVE OFFICE CEILING. TERMINATE WITH CONDUIT BUSHING ON EACH END AND LIMIT ANY REQUIRED BENDS IN CONDUIT TO 45°. PROVIDE A FACEPLATE WITH 2" GROMMET CUTOUT (DATAPRO PART # 700200) ON LOW VOLTAGE BOX RING.

DUPLEX RECEPTACLE FOR SECURITY MONITOR (LABEL "MONITOR") CIRCUIT BDP- 6

ISOLATED GROUND BATTERY-PROTECTED QUAD RECEPTACLE FOR COMPUTER EQUIPMENT (LABEL "COMPUTER ONLY") CIRCUIT BDP- 5

DOUBLE GANG J-BOX FOR DATA OUTLETS. PROVIDE (2) 1" CONDUITS FROM J-BOX TO ABOVE OFFICE CEILING.

DOUBLE GANG J-BOX FOR DATA OUTLETS. PROVIDE (2) 1" CONDUITS FROM J-BOX TO ABOVE OFFICE CEILING.

J-BOX FOR TELEPHONE OUTLETS

GENERAL PURPOSE 4-PLEX RECEPTACLE (LABEL "GENERAL") CIRCUIT A- 27

LOW VOLTAGE BOX RING OPEN TO WALL CAVITY (NOT A J-BOX) FOR THE CONCEALED INSTALLATION OF A VIDEO CABLE. PROVIDE A PULL STRING BETWEEN THE TWO BOX RINGS. PROVIDE A FACEPLATE WITH 2" GROMMET CUTOUT (DATAPRO PART # 700200) ON EACH LOW VOLTAGE BOX RING.

J-BOX FOR THE AUDIO SYSTEM. EXTEND A 1" CONDUIT TO 6" ABOVE THE DROP TILE CEILING AND TERMINATE WITH A CONDUIT BUSHING.

4-PLEX RECEPTACLE FOR STEREO (LABEL "STEREO") CIRCUIT A- 23

LOW VOLTAGE BOX RING OPEN TO WALL CAVITY (NOT A J-BOX) FOR THE CONCEALED INSTALLATION OF A VIDEO CABLE. PROVIDE A PULL STRING BETWEEN THE TWO BOX RINGS. PROVIDE A FACEPLATE WITH 2" GROMMET CUTOUT (DATAPRO PART # 700200) ON EACH LOW VOLTAGE BOX RING.

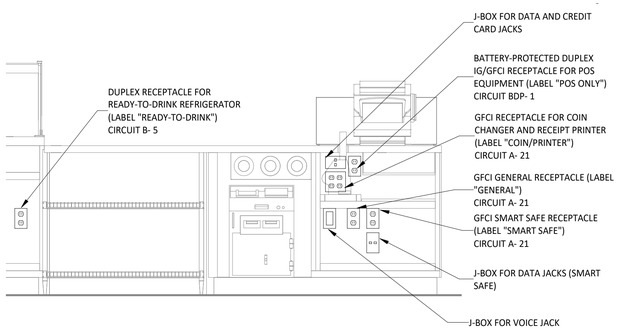
SINGLE RECEPTACLE FOR FAX (LABEL "FAX") CIRCUIT A- 31

J-BOX FOR FAX OUTLET

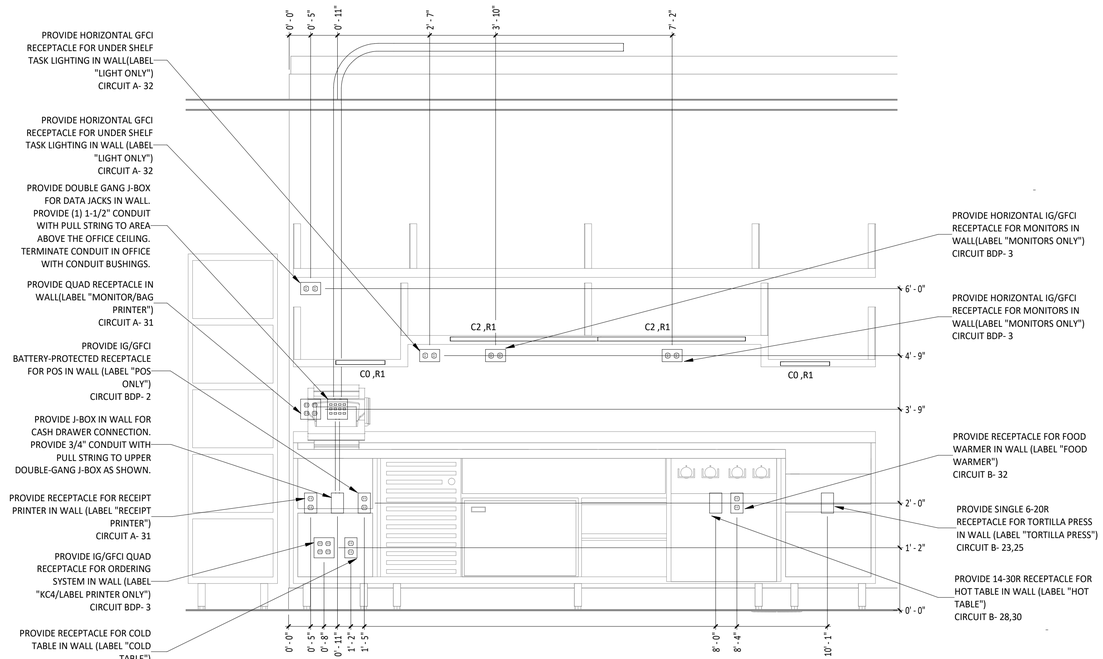
GENERAL PURPOSE 4-PLEX RECEPTACLE (LABEL "GENERAL") CIRCUIT A- 27

NOTE: DIMENSIONS SHOWN ARE FROM WALL FRAMING UNLESS NOTED OTHERWISE

3 E700 OFFICE DESK ELECTRICAL ELEVATION
3/4" = 1'-0"



2 E700 POS COUNTER ELECTRICAL ELEVATION
3/4" = 1'-0"



PROVIDE HORIZONTAL GFCI RECEPTACLE FOR UNDER SHELF TASK LIGHTING IN WALL(LABEL "LIGHT ONLY") CIRCUIT A- 32

PROVIDE HORIZONTAL GFCI RECEPTACLE FOR UNDER SHELF TASK LIGHTING IN WALL (LABEL "LIGHT ONLY") CIRCUIT A- 32

PROVIDE DOUBLE GANG J-BOX FOR DATA JACKS IN WALL. PROVIDE (1) 1-1/2" CONDUIT WITH PULL STRING TO AREA ABOVE THE OFFICE CEILING. TERMINATE CONDUIT IN OFFICE WITH CONDUIT BUSHINGS.

PROVIDE QUAD RECEPTACLE IN WALL(LABEL "MONITOR/BAG PRINTER") CIRCUIT A- 31

PROVIDE IG/GFCI BATTERY-PROTECTED RECEPTACLE FOR POS IN WALL (LABEL "POS ONLY") CIRCUIT BDP- 2

PROVIDE J-BOX IN WALL FOR CASH DRAWER CONNECTION. PROVIDE 3/4" CONDUIT WITH PULL STRING TO UPPER DOUBLE-GANG J-BOX AS SHOWN.

PROVIDE RECEPTACLE FOR RECEIPT PRINTER IN WALL (LABEL "RECEIPT PRINTER") CIRCUIT A- 31

PROVIDE IG/GFCI QUAD RECEPTACLE FOR ORDERING SYSTEM IN WALL (LABEL "KC4/LABEL PRINTER ONLY") CIRCUIT BDP- 3

PROVIDE RECEPTACLE FOR COLD TABLE IN WALL (LABEL "COLD TABLE") CIRCUIT B- 34

PROVIDE HORIZONTAL IG/GFCI RECEPTACLE FOR MONITORS IN WALL(LABEL "MONITORS ONLY") CIRCUIT BDP- 3

PROVIDE HORIZONTAL IG/GFCI RECEPTACLE FOR MONITORS IN WALL(LABEL "MONITORS ONLY") CIRCUIT BDP- 3

PROVIDE RECEPTACLE FOR FOOD WARMER IN WALL (LABEL "FOOD WARMER") CIRCUIT B- 32

PROVIDE SINGLE 6-20R RECEPTACLE FOR TORTILLA PRESS IN WALL (LABEL "TORTILLA PRESS") CIRCUIT B- 23,25

PROVIDE 14-30R RECEPTACLE FOR HOT TABLE IN WALL (LABEL "HOT TABLE") CIRCUIT B- 28,30

1 E700 SML ELECTRICAL ELEVATION
3/4" = 1'-0"

Consultant:
NATIONAL ENGINEERING
4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Cliff Kigar
(614) 328-2033
ckigar@nationalengineering.com

FOR CONSTRUCTION

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 5081
146TH & HAZEL DELL PARKWAY
TBD 146TH & HAZEL DELL PARKWAY
CLAYTOWNSHIP, IN 46033

Issue Record:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

Revisions:

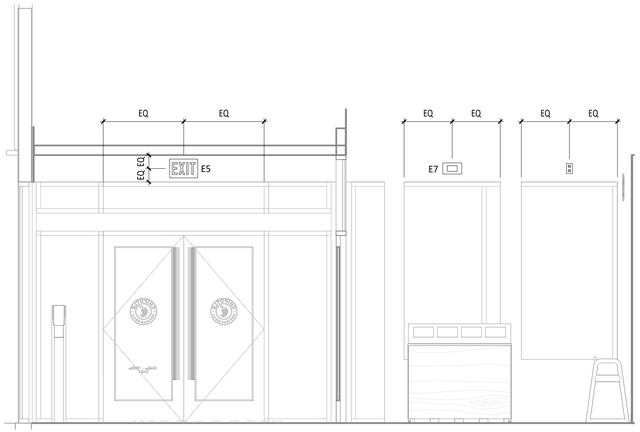
3	07/01/2024	CONSTUCTION & BID SET

Drawn: MKT
Checked: MPC

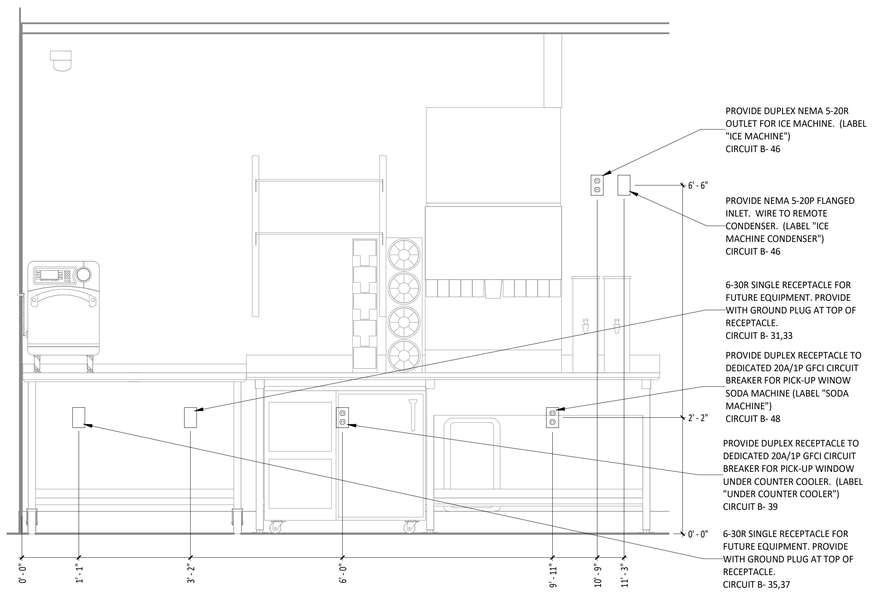
Project No.
2301081

Contents:
ELECTRICAL INTERIOR ELEVATIONS

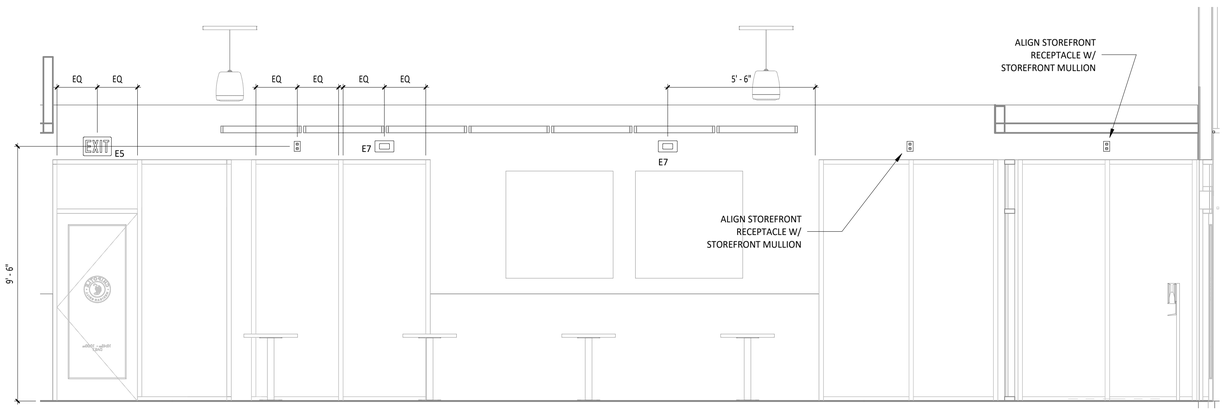
E700



2 E705 **DINING ROOM ELECTRICAL ELEVATION**
3/8" = 1'-0"



3 E705 **COLD SML ELECTRICAL ELEVATION**
3/4" = 1'-0"



1 E705 **DINING ROOM ELECTRICAL ELEVATION**
3/8" = 1'-0"

Consultant:
NATIONAL ENGINEERING
4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Cliff Kigar
(614) 328-2033
ckigar@nationalengineering.com

FOR CONSTRUCTION

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 5081
146TH & HAZEL DELL PARKWAY
TBD 146TH & HAZEL DELL PARKWAY
CLAYTOWNSHIP, IN 46033

Issue Record:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

Revisions:

Drawn: MKT
Checked: MPC

Project No.: 2301081

Contents:

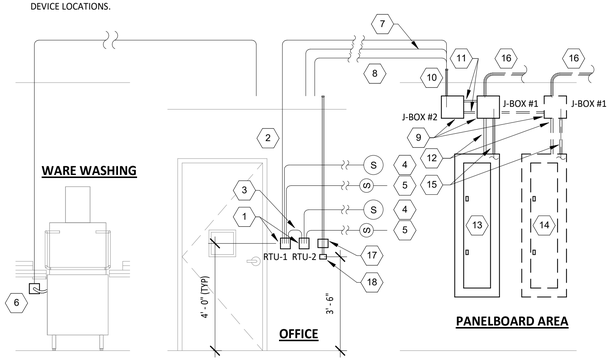
ELECTRICAL INTERIOR ELEVATIONS

E705

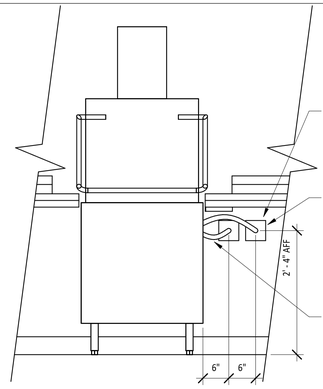
GRIDPOINT DIAGRAM NOTES

1. INSTALL GRIDPOINT THERMOSTATS FURNISHED BY TEMS FOR RTU-1 AND RTU-2. PROVIDE THERMOSTAT WIRING FROM EACH THERMOSTAT TO THE CORRESPONDING ROOFTOP UNIT.
2. PROVIDE CAT5E CABLE FROM RTU-1 THERMOSTAT TO J-BOX #2 ABOVE ELECTRICAL PANELS (LEAVE 16" OF CABLE COILED UP INSIDE OF J-BOX #2 AND 16" BEHIND WALL OF THERMOSTAT FOR FINAL CONNECTION TO THE EMS SYSTEM BY THE TEMS) AND LABEL BOTH ENDS OF CABLE "TSTATS".
3. PROVIDE CAT5E CABLE(S) BETWEEN THERMOSTATS (LEAVE 16" OF CABLE BEHIND WALL OF EACH THERMOSTAT FOR FINAL CONNECTION BY THE TEMS) AND LABEL BOTH ENDS OF CABLE "TSTAT JUMPER". SEE GRIDPOINT INSTALLATION INSTRUCTIONS FOR TERMINATION INSTRUCTIONS.
4. INSTALL GRIDPOINT ZONE SENSOR MODULES FURNISHED BY TEMS AS SHOWN ON HVAC FLOOR PLAN. PROVIDE 18G-24G SHIELDED TWISTED PAIR FROM ZSM TO CORRESPONDING THERMOSTAT T1 TERMINALS. SEE GRIDPOINT INSTALLATION INSTRUCTIONS FOR TERMINATION INSTRUCTIONS.
5. INSTALL GRIDPOINT SUPPLY PROBE FURNISHED BY TEMS AS SHOWN ON HVAC FLOOR PLAN. PROVIDE 18G-24G SHIELDED TWISTED PAIR FROM SUPPLY PROBE TO CORRESPONDING THERMOSTAT T2 TERMINALS. SEE GRIDPOINT INSTALLATION INSTRUCTIONS FOR TERMINATION INSTRUCTIONS.
6. PROVIDE 3/4" LIQUIDTIGHT CONDUIT FROM DISH SANITIZING MACHINE TO LOW-VOLTAGE JUNCTION BOX OR TRIM RING FLUSH MOUNTED TO WALL. PROVIDE CONTINUOUS (NOT SPLICED) CAT5E CABLE FROM DISH SANITIZING MACHINE TO OFFICE (ABOVE LAY-IN CEILING) WITH 54" SLACK WITHIN THE DISH MACHINE AND 10' SLACK ABOVE THE LAY-IN CEILING. PROVIDE RJ-12 PLUG ON CABLE AT DISH MACHINE END WITH BLUE WIRE CONNECTED TO PIN 3 AND BLUE/WHITE WIRE CONNECTED TO PIN 4. LABEL CABLE ON BOTH ENDS WITH "DISHWASHER".
7. PROVIDE CAT5 CABLE FROM J-BOX #2 TO OFFICE ABOVE LAY-IN CEILING AND LABEL "RS-485 COMMS" ON BOTH ENDS OF THE CABLE. LEAVE 10' OF SLACK CABLE ABOVE OFFICE CEILING AND 16" OF SLACK CABLE INSIDE OF J-BOX #2.
8. PROVIDE CABLE (18-24AWG SHIELDED TWISTED PAIR) FROM J-BOX #2 TO OFFICE ABOVE LAY-IN CEILING AND LABEL "EMS POWER" ON BOTH ENDS OF THE CABLE. LEAVE 10' OF SLACK CABLE ABOVE OFFICE CEILING AND 16" OF SLACK CABLE INSIDE OF J-BOX #2.
9. PROVIDE SURFACE MOUNT 10" X 10" X 4" NEMA 1 ENCLOSURES ABOVE PANELBOARDS AND 6" BELOW CEILING.
10. PROVIDE 3/4" CONDUIT WITH INSULATING BUSHING ON END CONCEALED IN WALL FROM J-BOX #2 TO 6" ABOVE LAY-IN CEILING.
11. PROVIDE 3/4" CONDUIT(S) FROM J-BOX #1 TO J-BOX #2.
12. PROVIDE EMPTY 1" CONDUIT(S) FROM PANELBOARD(S) TO J-BOX #1 FOR FUTURE CT WIRING BY TEMS.
13. FIRST PANELBOARD FED FROM ELECTRICAL SERVICE. PROVIDE WITH (1) 20A/3-POLE CIRCUIT BREAKER (FOR GRIDPOINT 3 PHASE METER). IF PANELBOARD HAS 120V CIRCUITS AVAILABLE THEN ALSO PROVIDE (1) 20/1-POLE CIRCUIT BREAKER (FOR GRIDPOINT TRANSFORMER).
14. IF SPACE HAS MULTIPLE ELECTRICAL SERVICES THEN PROVIDE A "J-BOX #1" AND ASSOCIATED BREAKERS, CONDUITS, AND CONDUCTORS ON THE FIRST PANELBOARD FED FROM EACH ELECTRICAL SERVICE.
15. FOR EACH ELECTRICAL SERVICE PROVIDE (1) SET OF [(4) #12, #12 G.] FROM 3-POLE GRIDPOINT CIRCUIT BREAKER AND, IF THE PANELBOARD HAS 120V CIRCUITS AVAILABLE, (1) SET OF [(2) #12, #12 G.] FROM 1-POLE GRIDPOINT CIRCUIT BREAKER IN 3/4" CONDUIT CONCEALED IN WALL TO J-BOX #1. TERMINATE IN J-BOX #1 WITH 16" SLACK FOR FINAL CONNECTION BY TEMS.
16. IF THE PANELBOARD DOES NOT HAVE 120V CIRCUITS AVAILABLE PROVIDE A 1-POLE 120V 20A CIRCUIT BREAKER IN A PANEL WITH A 120V CIRCUIT AVAILABLE. PROVIDE (1) SET OF [(2) #12, #12 G.] FROM THE GRIDPOINT CIRCUIT BREAKER IN 3/4" CONDUIT CONCEALED IN WALL TO J-BOX #1. TERMINATE IN J-BOX # 1 WITH 16" SLACK FOR FINAL CONNECTION BY TEMS.
17. GRIDPOINT CONTROLLER PROVIDED BY TEMS
18. PROVIDE HORIZONTAL SINGLE-GANG J-BOX BELOW FUTURE GRIDPOINT CONTROLLER LOCATION AS SHOWN. PROVIDE 3/4" CONDUIT WITH PULL STRING AND INSULATING BUSHING FROM J-BOX TO 6" ABOVE OFFICE LAY-IN CEILING.

NOTE:
ARRANGEMENT SHOWN IS DIAGRAMMATIC - SEE PLANS FOR ACTUAL DEVICE LOCATIONS.



GRIDPOINT WIRING DIAGRAM
8 / E710 N.T.S.



ELECTRICAL CONNECTIONS SHALL BE ON THE OPPOSITE SIDE OF THE DISH MACHINE FROM THE 3-COMP SINK. IF THIS IS ON THE LEFT SIDE OF THE DISH MACHINE THEN LIQUID TIGHT CONDUIT SHALL BE ROUTED BEHIND THE DISH MACHINE TO THE ELECTRICAL CONNECTIONS ON THE RIGHT SIDE OF THE DISH MACHINE..

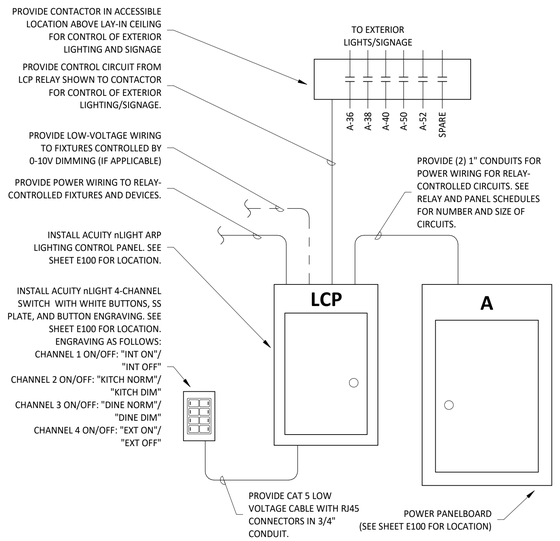
POWER FOR DISH SANITIZING MACHINE SHALL BE FED FROM A DEDICATED 2-POLE LOCKABLE CIRCUIT BREAKER. PROVIDE FINAL CONNECTION FROM J-BOX IN WALL TO DISH SANITIZING MACHINE USING LIQUIDTIGHT FLEXIBLE METAL CONDUIT.

PROVIDE CONDUITS AND WIRING FOR GRIDPOINT CONNECTION TO DSM AS SHOWN IN DETAIL 8/E710.

DISH SANITIZING MACHINE ELECTRICAL DETAIL
7 / E710 N.T.S.

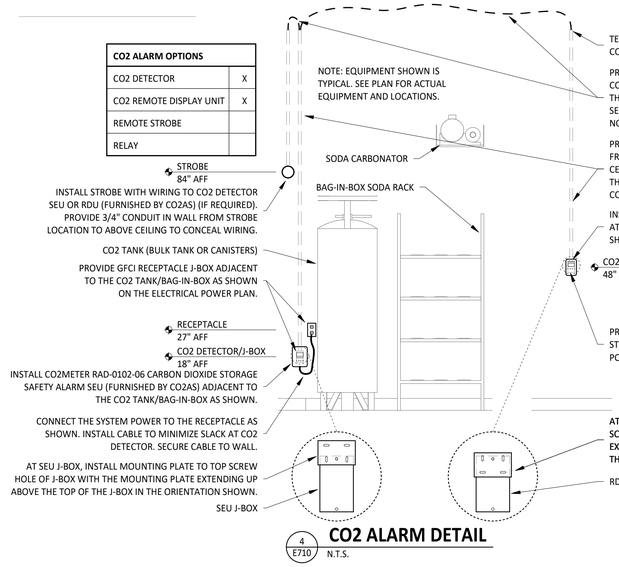
SEQUENCE OF OPERATIONS

A. EMERGENCY LIGHT FIXTURES, EXIT SIGNS, LOCALLY-SWITCHED FIXTURES, AND FIXTURES DESIGNATED AS NIGHT LIGHTS ARE NOT CONTROLLED THROUGH THE RELAY PANEL.
B. ALL TIMES NOTED SHALL BE LOCAL TIME AND SHALL AUTOMATICALLY ADJUST FOR DAYLIGHT SAVINGS TIME, IF APPLICABLE.
C. ALL KITCHEN LIGHTING CIRCUITS AND RESTROOM EXHAUST FAN CIRCUIT (R1, R2, R7) SHALL BE ENERGIZED AT FULL POWER FROM 7:00AM UNTIL MIDNIGHT AND SHALL BE DE-ENERGIZED AT OTHER TIMES.
D. ALL DINING ROOM LIGHTING CIRCUITS (R4, R5, R6) SHALL BE ENERGIZED FROM 10:00AM UNTIL MIDNIGHT AND SHALL BE DE-ENERGIZED AT OTHER TIMES.
E. EXTERIOR LIGHTING/SIGNAGE RELAY (R8) SHALL BE ENERGIZED FROM ONE HOUR BEFORE SUNSET UNTIL ONE HOUR AFTER CLOSING AND SHALL BE DE-ENERGIZED AT OTHER TIMES.
F. OVERRIDES: WHEN ONE OF THE OVERRIDE BUTTONS IS PRESSED THE SYSTEM WILL GO INTO OVERRIDE MODE FOR THE DURATION NOTED BELOW OR UNTIL THE NEXT SCHEDULED EVENT. FOLLOWING THIS PERIOD THE RELAYS WILL RETURN TO THE CURRENT SCHEDULED CONDITION. DURING THIS OVERRIDE TIME THE CORRESPONDING LAMP WILL ILLUMINATE ON THE OVERRIDE BUTTON.
G. INTERIOR (CHANNEL 1): WHEN THE INTERIOR OVERRIDE ON OR OFF BUTTON IS PRESSED (CHANNEL 1) RELAYS R1, R2, R4, R5, R6, AND R7 WILL BE ENERGIZED OR DE-ENERGIZED FOR A DURATION OF ONE (1) HOUR.
H. KITCHEN DIMMING (CHANNEL 2): WHEN THE KITCHEN NORMAL/DIM OVERRIDE ON OR OFF BUTTON IS PRESSED (CHANNEL 2) RELAY R2 WILL BE ENERGIZED OR DE-ENERGIZED FOR A DURATION OF ONE (1) HOUR.
I. DINING DIMMING (CHANNEL 3): WHEN THE DINING NORMAL/DIM OVERRIDE ON OR OFF BUTTON IS PRESSED (CHANNEL 3) RELAYS R5 AND R6 WILL BE ENERGIZED OR DE-ENERGIZED FOR A DURATION OF ONE (1) HOUR.
J. EXTERIOR (CHANNEL 4): WHEN THE EXTERIOR OVERRIDE ON OR OFF BUTTON IS PRESSED (CHANNEL 4) RELAY R8 WILL BE ENERGIZED OR DE-ENERGIZED FOR A DURATION OF ONE (1) HOUR.
K. VERIFY THAT TIME, TIME ZONE, AND LONGITUDE/LATITUDE ARE SET CORRECTLY ON LCP. VERIFY WITH STORE OPERATIONS THAT THE ON/OFF TIMES ARE COMPATIBLE WITH THE STORE OPERATING HOURS PRIOR TO TURNOVER.

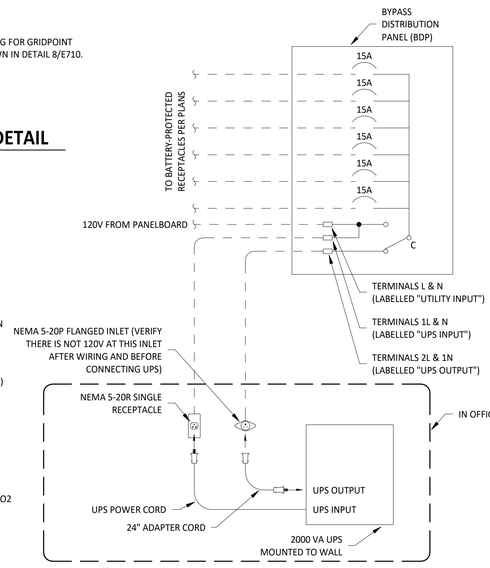


INTERIOR LIGHTING CONTROL DIAGRAM
6 / E710 N.T.S.

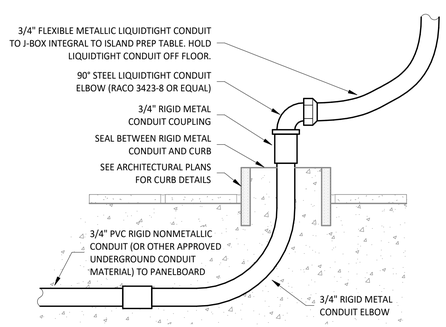
CO2 ALARM OPTIONS	
CO2 DETECTOR	X
CO2 REMOTE DISPLAY UNIT	X
REMOTE STROBE	
RELAY	



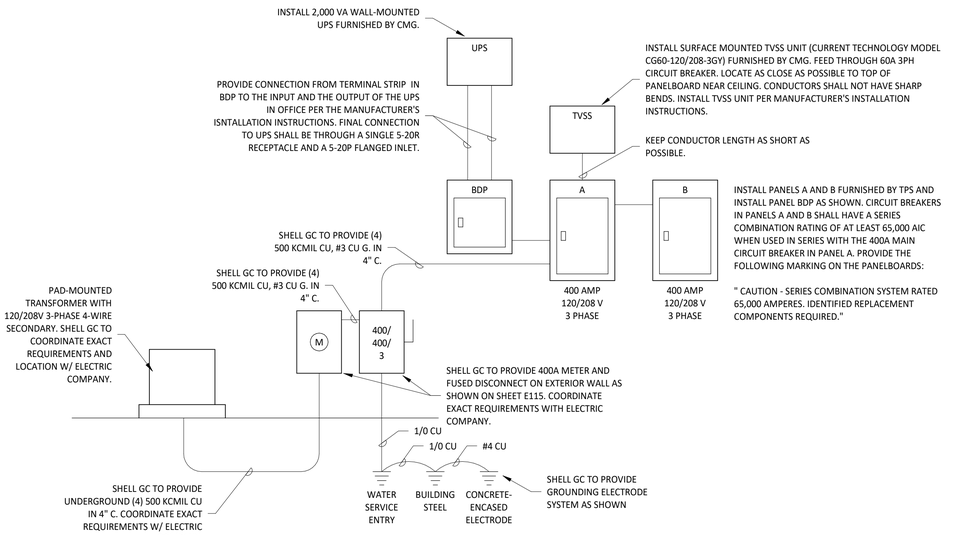
CO2 ALARM DETAIL
4 / E710 N.T.S.



BYPASS DISTRIBUTION PANEL WIRING DIAGRAM
3 / E710 N.T.S.



PEDESTAL OUTLET DETAIL
2 / E710 N.T.S.



MAIN DISTRIBUTION DIAGRAM
1 / E710 N.T.S.

Consultant:
NATIONAL ENGINEERING
4635 Trueman Blvd. Suite 250
Hilliard, Ohio 43026
Phone: (614) 751-9610
Fax: (614) 552-5240
Contact: Cliff Kigar
(614) 328-2033
ckigar@nationalengineering.com

FOR CONSTRUCTION

COPYRIGHT 2024
THIS DRAWING IS AN INSTRUMENT OF SERVICE AND AS SUCH REMAINS THE PROPERTY OF CHIPOTLE MEXICAN GRILL, INC.. PERMISSION FOR USE OF THIS DOCUMENT IS LIMITED AND CAN BE EXTENDED ONLY BY WRITTEN AGREEMENT WITH CHIPOTLE MEXICAN GRILL, INC..

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2400
INTERNET: WWW.CHIPOTLE.COM

STORE NO.: 5081
146TH & HAZEL DELL PARKWAY
TBD 146TH & HAZEL DELL PARKWAY
CLAYTOWNSHIP, IN 46033

Issue Record:

04/26/2024	PERMIT SET
07/01/2024	BID SET
07/01/2024	CONSTRUCTION SET

Revisions:

Drawn: CJK
Checked: MPC

Project No.: 2301081

Contents:

ELECTRICAL DETAILS

E710