

PROJECT GENERAL NOTES	
A.	ARCHITECTURAL CONTENTS ARE BASED UPON DOCUMENTS FROM: "WILKUS FIELD MEASURE - 2024-04-05 - NO DEMOLITION WAS PERFORMED TO GATHER INFORMATION." 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, DEMANDS 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 THAN 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 WITHIN 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. 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 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, ETC. 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 EXISTING, 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. CONTACT BETWEEN DISSIMILAR METALS SHALL BE LIMITED. WHEN REQUIRED, THE CONTACT SHALL BE PROTECTED AS REQUIRED.
SS.	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. REMOVE COMBUSTIBLE RUBBISH DURING CONSTRUCTION FROM THE PROJECT LIMITS CONTINUOUSLY AND DISPOSE OF IN A LEGAL MANNER.
UU.	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.



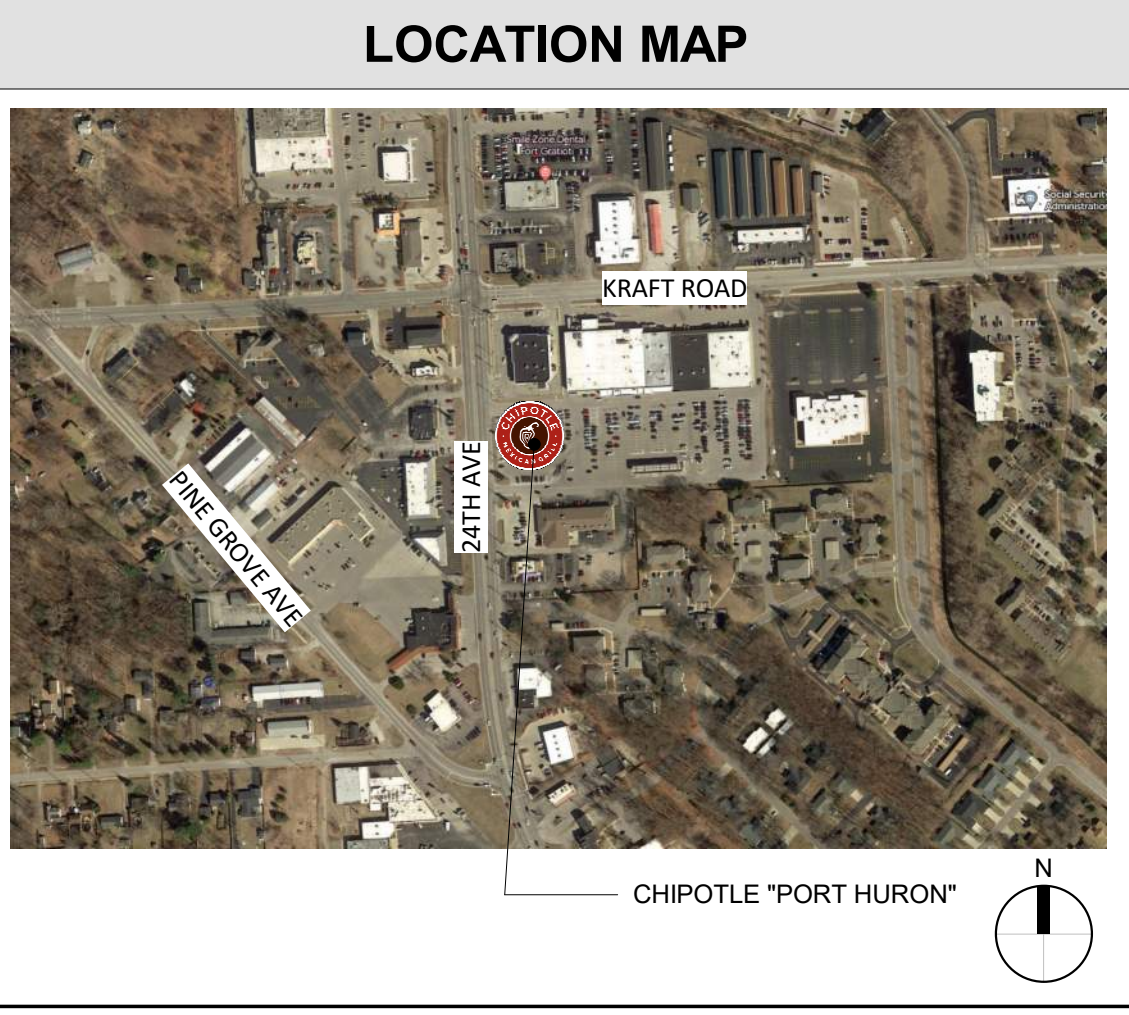
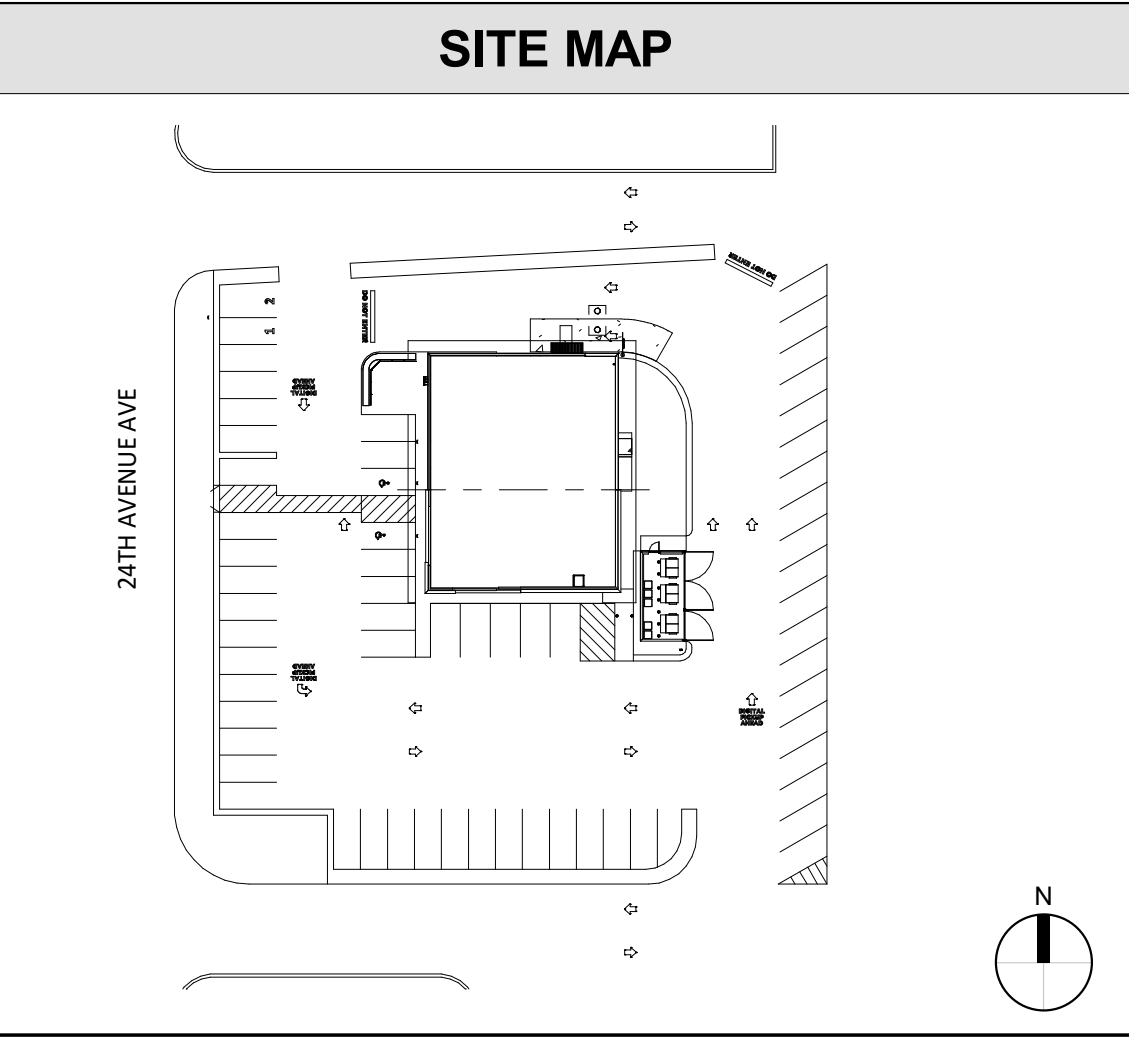
CHIPOTLE

STORE NUMBER: 4953

LOCATION: "PORT HURON"

ADDRESS: 3962 24TH AVE, SUITE B

PORT HURON, MI 48060



SYMBOL LEGEND			
	EXTERIOR ELEVATION MARKER		COLUMN GRID LABEL
	INTERIOR ELEVATION MARKER		ROOM NAME & NUMBER
	SECTION MARKER		REVISION NUMBER
	SECTION / DETAIL		DOOR NUMBER
	VIEW NAME SCALE: 1/8" = 1'-0"		MISCELLANEOUS EQUIPMENT NUMBER
	KEYNOTE & WASHROOM ACCESSORIES NUMBER		KITCHEN EQUIPMENT NUMBER
	WALL TAG		FURNITURE NUMBER
	LEVEL TARGET		NORTH ARROW
			DIMENSION TARGET
			FINISH TAG

PROJECT TEAM	
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ARCHITECT WILKUS ARCHITECTS, P.A. 15 NINTH AVENUE NORTH HOPKINS, MN 55343 CONTACT: BRYAN TANGUAY E: bmt@wilkusarch.com T: (952) 941-9560	MECHANICAL ELECTRICAL PLUMBING ENGINEER NATIONAL ENGINEERING, LTD. 4635 TRUEMAN BLVD., SUITE 250 HILLARD, OH 43026 CONTACT: MIKE CHAPMAN E: mchapman@nationalengineering.com T: (614) 751-9610
STRUCTURAL ENGINEER VAA ENGINEERING 2300 BERKSHIRE LANE N, SUITE 200 PLYMOUTH, MN 55441 CONTACT: TERRY MAHR E: tmahr@vaaseng.com T: (763) 577-9119	

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NATURAL GAS UTILITY SEMCO ENERGY 1411 THIRD STREET, SUITE A PORT HURON, MI 48060 CONTACT: AMY HOWISON E: amy.howison@semcoenergy.com T: (800) 860-4277 Ext. 5042	ELECTRICAL UTILITY DTE ENERGY PO BOX 740786 CINCINNATI, OH 45274 E: nbrequest@dteenergy.com T: (855) 338-0178
SEWER UTILITY PORT HURON WATER AND SEWER 100 McMORRAN BLVD. PORT HURON, MI 48060 CONTACT: BRENT MOORE E: mooreb@porthuron.org T: (810) 984-9730	TELEPHONE UTILITY COMCAST BUSINESS T: (800) 934-6489

UTILITY COORDINATOR	SIGNAGE
 NOTE TO GENERAL CONTRACTOR FOR ALL WATER, SEWER, NATURAL GAS, & ELECTRICITY UTILITIES CONTACT THE FOLLOWING HDGROUP, INC. 295 LUNA LN. ERIE, CO 80516 CONTACT: MELISSA BALCERAK E: mbalcerak@hdrogroupinc.com T: (972) 396-8409 F: (214) 291-5597	SIGNAGE VENDOR ADCON SIGNS 3725 CANAL DRIVE FORT COLLINS, CO 80524 CONTACT : KRISTI MARRIOTT (970) 472-2152 kmariott@adcon-signs.com

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E020	MEP ENERGY CODE COMPLIANCE				
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E022	MEP ENERGY CODE COMPLIANCE				
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E110	ELECTRICAL POWER PLAN				
E115	ELECTRICAL SITE POWER PLAN				
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E700	ELECTRICAL INTERIOR ELEVATIONS				
E705	ELECTRICAL INTERIOR ELEVATIONS				
E710	ELECTRICAL DETAILS				
SCOPE OF WORK					
CONVERSION OF AN EXISTING BUILDING TO A CHIPOTLE MEXICAN GRILL. WORK TO INCLUDE EXTERIOR MODIFICATIONS TO ALLOW FOR BRAND RECOGNITION, DOOR AND WINDOW OPENINGS AS REQUIRED FOR THE LAYOUT OF THE INTERIOR SPACE. INTERIOR WORK TO INCLUDE EXTENSION OF UTILITIES, RESTROOMS, FINISHES, FIXTURES AND EQUIPMENT AS REQUIRED FOR THE FIT OUT. OUTDOOR PATIO FURNITURE WILL BE INSTALLED. SIGNAGE IS UNDER SEPARATE COVER.					



CLIENT:



CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182566
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2682
INTERNET: WWW.CHIPOTLE.COM

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PROJECT INFORMATION:

STORE NO.: 4953

"PORT HURON"
3962 24TH AVE, SUITE B
PORT HURON, MI 48060

SEAL:



August 20, 2024

MATTHEW M. WILKUS
LICENSE #1301065868
(EXPIRES 06/30/2026)

PROJECT NO. 2023-0101
DRAWN BY KDRB
CHECKED BY NSG / MMW

ISSUE RECORD:

03/21/2024	PERMIT SET
05/03/2024	BID SET
07/11/2024	CONSTRUCTION SET

REVISIONS:

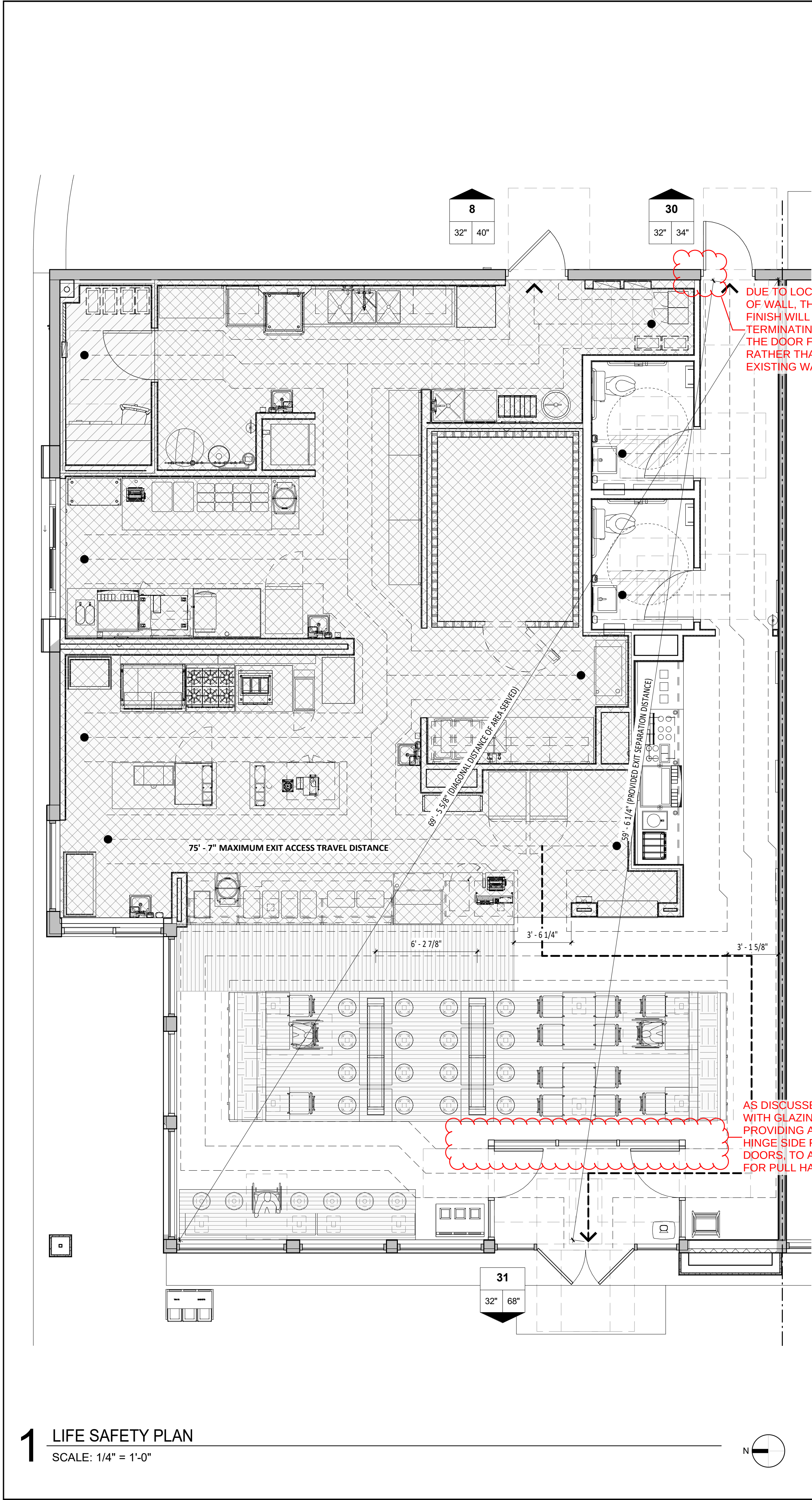
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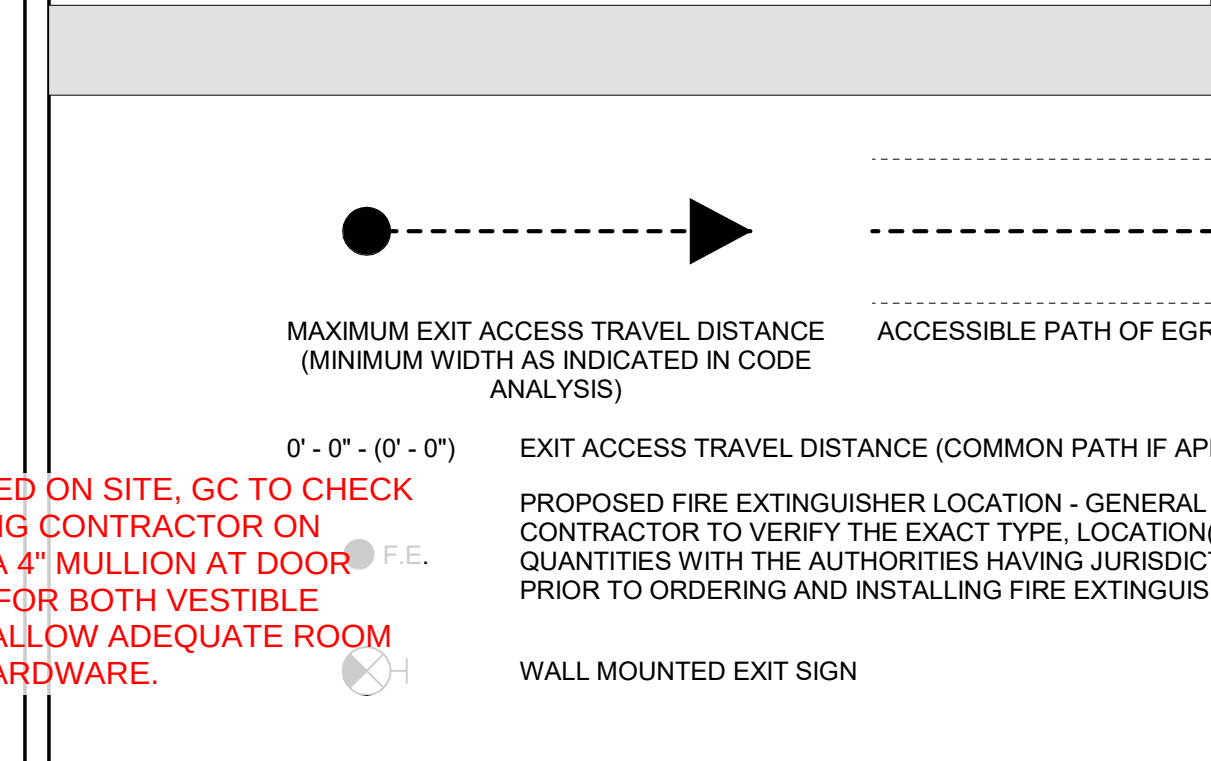
COVER SHEET

SHEET NUMBER:

G000



- 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 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. 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. 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.
- K. THE INSTALLATION AND MODIFICATION OF THE FIRE SUPPRESSION SYSTEM, INCLUDING ANSUL SYSTEM, SHALL COMPLY WITH THE BUILDING CODE AND N.F.P.A. MODIFICATIONS TO THE FIRE SUPPRESSION SYSTEM WILL BE PROVIDED, PERMITTED, INSTALLED AND INSPECTED UNDER A SEPARATE DEFERRED PERMIT APPLICATION.
- L. THE INSPECTION, HYDROSTATIC TESTING AND FLUSHING OF THE AUTOMATIC FIRE SPRINKLER SYSTEM AND/OR FIRE HYDRANTS SHALL BE WITNESSED BY THE PROPER FIRE DEPARTMENT REPRESENTATIVE AND NO UNDERGROUND PIPING SHALL BE COVERED OR HIDDEN FROM VIEW UNTIL THE PROPER FIRE DEPARTMENT REPRESENTATIVE HAS BEEN NOTIFIED AND GIVEN NO LESS THAN 48 HOURS IN WHICH TO INSPECT SUCH INSTALLATIONS.
- M. GENERAL CONTRACTOR TO FIELD VERIFY CONDITION OF EXISTING SPRINKLER SYSTEM PRIOR TO THE START OF SELECTIVE DEMOLITION. IF ITEMS ARE MISSING OR IN POOR REPAIR, GENERAL CONTRACTOR IS TO NOTIFY THE ARCHITECT AND CLIENT IMMEDIATELY.
- N. 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.
- O. 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.
- P. EXIT SIGNS TO BE PROVIDED AND INSTALLED AS REQUIRED BY APPLICABLE CODES, ORDINANCES AND LAWS.
- Q. PROVIDE APPROVED EXITING ILLUMINATION AND ILLUMINATED EXIT SIGNS WHICH ARE POWERED FROM SEPARATE CIRCUITS AND COMPLY WITH THE BUILDING CODE.
- R. 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 SHALL NOT BE 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.
- S. OCCUPANT LOAD SIGN WITH MINIMUM 1" LETTERS AND NUMBERS SHALL BE POSTED NEAR MAIN EXIT.
- T. FIRE DAMPERS SHALL BE PROVIDED WHERE AIR DUCTS PENETRATE ANY FIRE RATED ASSEMBLIES.
- U. EXIT LIGHTING AND SIGNS SHALL HAVE 6" HIGH LETTERING IN ACCORDANCE WITH LOCAL CODES. PROVIDE LOW LEVEL EXIT SIGNS PER CODE REQUIREMENTS.
- V. FIRE DEPARTMENT FINAL INSPECTION REQUIRED.
- W. 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.
- X. 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 MARSHAL PRIOR TO INSTALLATION.
- c. 5 LB. "ABC" FIRE EXTINGUISHERS ARE REQUIRED WITHIN 75'-0" OF TRAVEL FROM 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.



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

CODE ANALYSIS

APPLICABLE CODES AND REGULATIONS

"INCLUDES STATE AND LOCAL PROVISIONS TO THE BUILDING CODE"

BUILDING CODE:	2015 MICHIGAN BUILDING CODE
MECHANICAL CODE:	2021 MICHIGAN MECHANICAL CODE
PLUMBING CODE:	2021 MICHIGAN PLUMBING CODE
ENERGY CODE:	2015 MICHIGAN ENERGY CODE
FUEL GAS CODE:	2015 INTERNATIONAL FUEL GAS CODE
ELECTRICAL CODE:	2023 NATIONAL ELECTRICAL CODE
FIRE CODE:	2015 INTERNATIONAL FIRE CODE, NFPA 13 SPRINKLER AND NFPA72 FIRE ALARM
FOOD CODE:	2009 MICHIGAN FOOD CODE
ACCESSIBILITY CODE(S):	ICC A117.1-2009 ACCESSIBLE AND USABLE BUILDINGS

BASIS OF DESIGN

CONSTRUCTION TYPE	TYPE V-B
OCCUPANCY TYPE	A-2, NON-SEPARATED
AREA FACTOR	NON SPRINKLERED, SINGLE STORY
BUILDING AREA	2,565 SQ FT
OCCUPANT LOAD	69 OCC.

CH3 - OCCUPANCY CLASSIFICATION & USE

OCCUPANCY GROUP & FUNCTION	GENERAL DESCRIPTION OF SITE
A-2; RESTAURANT	NEW TENANT UPFIT IN EXISTING SHELL BUILDING DEMISED BY OTHERS.

CH5 - GENERAL BUILDING HEIGHTS & AREAS

BUILDING OCCUPANCY CLASSIFICATIONS	A-2, B
TENANT OCCUPANCY CLASSIFICATION	A-2
ALLOWABLE BUILDING HEIGHT	40'-0"
PROPOSED BUILDING HEIGHT	15'-1"
OCCUPANCY SEPARATION	NON-SEPARATED
Aa = ACTUAL ALLOWABLE AREA	Aa = 6,000 SQ. FT.
EXISTING BUILDING AREA	4,412 SQ. FT.
PROPOSED TENANT AREA	2,565 SQ. FT.
PROPOSED OUTDOOR AREA	356 SQ. FT.

CH6 - TYPES OF CONSTRUCTION

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

CH8 - INTERIOR FINISHES

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

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).
FIRE ALARM & DETECTION SYSTEM:	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	85 SQSF	5 SF (NET)	17
FIXED SEATING	36 SEATS	1 SEAT/OCC.	36
FIXED SEATING - BOOTHS	188"	24" BOOTH LENGTH/ OCC..	8
KITCHEN (COMM.)	1,276 SQFT	200 SF (GROSS)	7
BUSINESS AREA	36 SQFT	100 SF (GROSS)	1
POSTED OCCUPANT LOAD: 69			

RESTAURANT SEATING COUNT

INTERIOR SEATING COUNT	43
EXTERIOR (PATIO) SEATING COUNT	20
TOTAL SEATING COUNT	63

EGRESS REQUIREMENTS

EXIT DOORS	FACTOR	OCC. LOAD	REQ'D WIDTH	PROP. WIDTH
EXIT DOORS	0.2	69	32"	142"
EXITS PER OCC. LOAD	2 REQUIRED		3 PROVIDED	
DIAGONAL DISTANCE OF AREA SERVED			69'-3 1/2"	
REQUIRED EXIT SEPARATION DISTANCE			34'-7 3/4"	
MAXIMUM TRAVEL DISTANCE ALLOWED			200'-0"	
MAXIMUM TRAVEL DISTANCE PROVIDED			75'-7"	
MAXIMUM COMMON PATH OF TRAVEL ALLOWED			75'-0"	
MAXIMUM COMMON PATH OF TRAVEL PROVIDED			26'-8"	
MINIMUM CLEAR EXIT WIDTH ALLOWED			36"	
CLEAR EXIT WIDTH PROVIDED			36"	

CH29 - PLUMBING SYSTEMS

PLUMBING FIXTURE REQUIREMENTS - BASED ON OCCUPANT LOAD = 43 OCC. + 20 (PATIO) = 69 OCC.						
USE GROUP		REQ'D WC	PROP. WC	PROP. URINALS	REQ'D LAVS	PROP. LAVS
A-2	NON-GENDER SPECIFIC *	2	2	0	0	0
	DRINKING FOUNTAINS **	REQUIRED FIXTURES		PROPOSED FIXTURES		
	SERVICE SINK	0		0		

* PER SECTION 403.1.2 - SINGLE-USER TOILET FACILITIES AND BATHING ROOMS AND FAMILY OR ASSISTED-USE TOILET ROOMS AND BATHING ROOMS SHALL BE IDENTIFIED FOR USE BY EITHER SEX.

** PER SECTION 410.4 - WHERE RESTAURANTS PROVIDE DRINKING WATER IN A CONTAINER FREE OF CHARGE, DRINKING FOUNTAINS SHALL NOT BE REQUIRED IN THOSE ESTABLISHMENTS.

CONSULTANT:

WILKUS ARCHITECTS

CLIENT:

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182966
COLUMBUS, OH 43218-2966
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PROJECT INFORMATION:

STORE NO.: 4953
"PORT HURON"
3962 24TH AVE, SUITE B
PORT HURON, MI 48060

SEALED:

AUGUST 20, 2024

MATTHEW M. WILKUS
LICENSE #1301065868
(EXPIRES 06/30/2026)

PROJECT NO. 2023-0101
DRAWN BY KDRB
CHECKED BY NSG/MMW

ISSUE RECORD:

03/21/2024	PERMIT SET
05/03/2024	BID SET
07/11/2024	CONSTRUCTION SET

REVISIONS:

1	04.23.2024	PLAN REVIEW
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TITLE:

CODE ANALYSIS - LIFE SAFETY PLAN

SHEET NUMBER:

G001

2.1 Materials: A. Resinous Flooring: Manufacturer: aiflooring - 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. - TerraPrime: A 2 component, 100% solids clear polyamide-cured epoxy coating. - TerraThane Satin: A 2 component, 90% solids polyurea clear finish coat. - 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. - 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: - Mechanical Cleaning: Concrete floor surfaces receiving polymer flooring systems shall be thoroughly cleaned and prepared by shotblasting and/or diamond grinding. - Patching Damaged Substrate: Holes, voids, static cracks, and other substrate surface defects should be patched and repaired according to manufacturer's recommendations. - 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. - Patching: After substrate preparation, surface defects shall be patched according to manufacturer's recommendations. - 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. - 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.	3.1 Installation A. Surface Conditions - 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. - Verify that base slab meets finish and surface profile requirements in Division 3 Section "Cast-In-Place Concrete," and Project Conditions above. - 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: - Floors should be started using 50, 80 or 100 grit diamond pucks depending on the condition of the slab. - Clean the floor using automatic scrubber or comparable. - Grind floor using 200 grit resin diamonds. - Clean the floor using automatic scrubber or comparable. - 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. - Grind floor using 400 grit resin diamonds. - Clean the floor using automatic scrubber or comparable. - Clean and remove any excess RetroPlate. Let the floor dry overnight. - Continue the polishing process using 800 grit resin diamonds. - Clean the floor using automatic scrubber or comparable. - Alternately, depending on slab condition, grind floor using 1200-1500 grit resin diamonds. - Clean the floor using automatic scrubber or comparable. - The same process will be used for new floors as well as rehab floors. Floor prep for the rehab floors will be separate. - 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. - 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 - Concrete must be in place a minimum of 28 days or as directed by the manufacturer before application can begin. - 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. - 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. - Achieve waterproofing, hardening, dust-proofing, and abrasion resistance of the surface without changing the natural appearance of the concrete, except for the sheen. - Polish to a level 2 shine. E. Workmanship and Cleaning - The premises shall be kept clean and free of debris at all times. - Remove spatter from adjoining surfaces, as necessary. - Repair damages to surface caused by cleaning operations. - Remove debris from jobsite - Dispose of materials in separate, closed containers in accordance with local regulations.	H. Accessories - Reinforcing bars: ASTM A615, Grade 60, deformed billet steel bars of sizes indicated. - Wall weeps: Dur-O-Wal D/A 1006 "Cell Vent", clear flexible polypropylene co-polymer. - Compressible joint material: Dur-O-Wal "Rapid Soft-Joint" D/A 2010. - Bond breaker strips: ASTM D226 No. 15 asphalt saturated roofing felt. - Cleaning agents: - Face Brick and CMU: ProSoCo, Inc., "Sure Klean New Masonry Cleaners." - ACMU: ProSoCo, Inc., "Sure Klean Burnished Custom Masonry Cleaner." - 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 - Wet absorbent face brick masonry units requiring wetting, in accordance with BIA recommendations. - Lay concrete masonry units dry. - Establish, lines, levels and coursing. Ensure ties, anchors and flashing are correctly installed - 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: - 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. - 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. - 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 - 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, jamps and other locations. - 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. - Pattern bond: Running bond. Do not use units with less than 4" of horizontal face dimensions at corners or jamps. - 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. - 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. - Compress and cut joints flush for masonry walls below grade or covered by other materials. - Tool joints in all exposed masonry work to a concave joint. - Provide interlocking masonry bond in each course at corners and intersecting walls. - As the work progresses, build in masonry accessories and related items. Fill in solidly with masonry around built-in items. - Bed hollow metal frame anchors in mortar and fill space between hollow metal frames and masonry solid with fine mortar grout. - Provide solid masonry bearing for all lintels, beams, joists, plates and load-bearing members. - 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. - Install anchors, plates and related work built into masonry work. - Install reinforcing steel and concrete fill where indicated. Comply with drawing details. - Horizontal joint reinforcing: Provide continuous joint reinforcing at all concrete masonry walls as follows: - In every second block course, 16" on center vertically, full height of wall and every block course where shown on the drawings. - Lap reinforcement a full width at the corners and at intersections or use special fabricated sections. - Fully embed side rods in mortar. - Anchoring masonry work: Provide anchoring devices of the type indicated or required. - Provide vertical expansion, control and isolation joints in masonry where indicated. - When not indicated, at maximum 30'-0" on center. - Locate control joints at points of natural weakness in masonry and acceptable to Architect. - Joint sealant color shall match masonry materials sealed. - Lintels: Install loose steel lintels furnished under structural steel work where shown. Set lintels in full bed of mortar. 14. Flashing and weeps: - 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. - 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. - Flexible Membrane Flashing: - Install membrane flashing in accordance with manufacturer's installation instructions. - Fully adhere flashing to substrate. - Lap flashing joints a minimum of 6", seal and roll with a hand roller. - Trim bottom edge 1/4" back from exposed face of masonry. - Seal edges, seams, cuts and penetrations with manufacturer's recommended mastic. - 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. - Install compressible joint material at lintels and horizontal steel members. Build in joint fillers and seal with elastomeric joint sealant. D. Masonry Veneer Walls: - Metal framed walls: Tie exterior masonry veneer wythe to back-up wall with individual metal ties screwed to metal stud framing. - Space ties 16" on center vertically and horizontally. - Maintain veneer wall cavity free of mortar droppings during masonry installation. E. Parging: - Dampen masonry walls prior to parging. - Scarify each parging coat to ensure full bond to subsequent coat. - Parge masonry walls in two uniform coats of mortar to a total thickness of 3/4 inch (19mm). - 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: - Draw ACMU from more than one pallet at a time during installation. G. Reinforced Concrete Masonry - 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-A and 14-2 recommendations. - Comply with drawing details for reinforcing steel size and spacing. - 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 - 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. - 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. - Dry clean exposed surfaces to remove large particles of mortar using hardwood wood paddles and scrapers. Metal tools not acceptable. - Presoak exposed masonry surfaces by saturating with water and flush off loose mortar
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[illegible]

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:
- Existing roof system materials and installation methods.
 - 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:
- ASTM D5036 "Application of Adhered Poly(Vinyl Chloride) Sheet Roofing."
 - FM 1-29 Loss Prevention Data Adhered or Mechanically Attached Single Ply Membrane Roof Systems."
 - NRCA "Single-Ply Roofing Membrane."
 - 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.
- 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.
- Protect adjacent materials and surfaces from damage and soiling during roofing system installation.
 - Provide special protection on completed roofing work.
 - Protect paving and structure walls adjacent to hoists before starting work.
 - Do not overload the building structure with storage of materials or installation equipment on the substrate decking.

E. Warranty

- 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.
- 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@holicim.com, www.duro-last.com
- Basic of Design Product Roofing System
 - Thermoplastic single ply membrane roofing system: DL Membrane (PVC) fully adhered, smooth surface, UL Class A fire-rated single ply membrane roofing system.
 - 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:
- Versico Roofing Systems, (480) 528-6923, Jeff Kelly, jeff.kelly@versico.com
 - VersiFlex PVC Adhered System
 - 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
- 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" thickess.
 - 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.
 - Provide a double layer installation. Minimum total R-value as indicated on plans.
 - Specified perimeter edge metal shall be compliant with International Building Code ANSI / SPRI ES-1, ER2 testing requirements.
 - 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.
 - Membrane Bonding Adhesive: Roof system manufacturer's standard membrane bonding adhesive.
 - 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.
 - Fasteners: Roof system manufacturer's standard fasteners for project conditions indicated.
 - 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.
 - Traffic walkways: Duro-Last Roof Track II walkway pads 3.1 Installation

3.1 Installation

- A. Preparation:
- Clean substrate surfaces of debris and other substances detrimental to roofing installation.
 - 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:
- General: Provide roofing system materials and installation complying with roofing system manufacturer's instructions and governing codes and regulations.
 - 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.
 - Roof insulation
 - 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.
 - 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".
 - 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.

- Thermoplastic membrane: Comply with membrane manufacturer's instructions and recommendations for handling and installing single ply membrane roofing.
 - 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.
 - Adhere membrane to insulation cover board with bonding adhesive. Broom bonded membrane to achieve maximum contact.
 - Join membrane seams using approved heat welding equipment. Check all splices for voids and repair voids with heat gun and roller.
 - When required, mechanically fasten membrane at roof perimeter, curb flashing and similar penetrations in accordance with manufacturer's installation instructions.
 - 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.
- Install roof accessories and traffic walkways in accordance with manufacturer's instructions.
- Install sheet metal work furnished under section 07600.

SECTION 07600 - FLASHING AND SHEET METAL

General:

- A. Standards: Materials and construction shall conform to following:
- SMACNA "Architectural sheet Metal Manual- 1993."
 - 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
- 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)
 - 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:
- SMACNA "Architectural sheet Metal Manual- 1993."
 - 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.
- Scuppers: Minimum 16 gage.
 - Coping/Wall caps: Minimum 18 gage.
- B. Aluminum sheet: ASTM B209 alloy 3003, temper as required for forming and performance. Thickness indicated.
- Conductor Boxes: Minimum 0.040" thickness.
 - 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."
- Conductor boxes: SMACNA Chapter 1 - Roof Drainage Systems. Profile and size indicated Fig 1-25.
 - Scuppers: SMACNA Chapter 1 - Roof Drainage Systems. Profile and size indicated Fig 1-20.
 - Downspouts: SMACNA Chapter 1 - Roof Drainage Systems. Profile and size indicated. Installation Fig. 1-31 with strap hanger Fig. 1-35.
 - 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.
- 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.
 - 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.
 - Separate sheet metal work from dissimilar metals and treated wood materials. Provide rosin-sized paper slip sheet over treated wood.
 - 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:
- Furnish all labor, material, tools, equipment and services for all preformed fascia and wall panels as indicated, in accord with provisions of Contract Documents.
 - Completely coordinate work with work of all other trades.
 - 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:

- Structural steel: Section 05100
- Steel joists: Section 05200 or 05400
- Flashing and sheet metal: Section 07600

1.2 Quality Assurance:

- A. Applicable standards:
- SMACNA "Architectural Sheet Metal Manual" Sheet Metal and Air Conditioning Contractors National Association, Inc.
 - AISC: "Steel Construction Manual" American Institute of Steel Construction.
 - AISI: "Cold Form Steel Design Manual: American Iron and Steel Institute.
 - 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:
- 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

- A. Metal wall system profile:
- Shadow Rib: 3 inch deep x 16 inch width with 1 1/2 inch deep x 5 1/4 inch wide fluting
- B. Metal wall system style:
- Fluted face
 - Concealed fasteners
- C. Gauge: 24 gauge
- D. Substrate: Per Plans
- E. Texture: Smooth
- F. Finish: Premium thermostet silicone polyester (20 year warranty)
- G. Color: Polar White, to be painted per Exterior Elevations
- H. Acceptable Manufacturer: MBCI Houston, Texas (281) 445-8555.

3.1 Surface Conditions

A. Examination:

- Inspect installed work of other trades and verify that such work is complete to a point where this work may continue.
- 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.

3.4 Field Painting

- A. Refer to section 09900 on G017
- B. Follow manufacturer's technical bulletin for Precoated Signature 200 MBCI wall panels.

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:
- Tremco Commercial Sealants (800) 321-7906, internet www.tremcosealants.com,
 - "Dymonic FC" One component, fast skinning, Low Modulus Polyurethane.
 - "Dymeric 240 FC" Multi Component, gun grade, chemically curing, tintable fast setting polyurethane sealant.
 - Sonneborn, (724) 756-9582, internet www.sonneborn.com
 - Color pack for polyurethane multi component, gun grade chemically curing sealant.
- B. Silicone Sealants:
- General Electric Silicons, (800) 295-2392, internet www.gesilicones.com
 - "SCS1700 Sanitary – Mold/Mildew Resistant Silicone", one component 100% silicone, fungicidal based sealant.
 - "SCS2700 Silpruf Silicone" one component medium modulus, natural cure silicone all purpose sealant.
 - "Silglaze II SCS2800- Glazing Sealant" one component, 100% silicone based sealer.
 - "GE Paintable Silicone" one component paintable silicone.
 - "SCS1009 Silicone Sealant" one-component acetoxv silicone for general purpose sealing and bonding
 - Dow Corning Silicons, (989)496-4000, www.dowcorning.com
 - "Dow 795" – one component, medium modulus, natural cure silicone.
- C. Firestoping Sealants: 3M Fire Protection Products, (800) 328-1687, internet www.3M.com/firestop
- "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:
- Wipe shipping oils from surfaces to be sealed. Remove protective films and/or install joint backer rod if joint is larger than 1/2" in width.
- B. Installation: Install joint sealant materials in strict accordance with manufacturer's installation instructions.
- 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.
 - Install joint sealants to a depth no more than 1/2 the width of the joint.
 - 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.
 - 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.
 - 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:
 - Ceiling grid to FRP wall panels
 - Base of FRP wall panels to T.O. specified base material.
 - Walk in cooler walls to FRP wall panels.
 - Stainless closure pieces at cooler walls to FRP wall panels.
 - FRP/stainless corner guards to FRP wall panels.
 - Ceiling tile pipe penetrations.
 - Wall pipe penetrations and/or escutcheons perimeters. (water & gas lines).
 - Mop sink stainless surround perimeter to walls.
 - FRP closure panel, at top of cooler, to cooler walls.
 - FRP wall panels to hollow metal door frames.
 - Coke line bundle to PVC cap.
 - FRP inside corner pieces to FRP wall panels. Both sides of corner piece.
 - Battery backup cover panel to FRP.
 - Faucet's to FRP wall panels.
 - FRP wall panels to quarry tile cove base.
 - FRP to aluminum plate at walk thru.
 - Menu board light bracket to ceiling.
 - Mop sink base at quarry tile.
 - All sinks (multi-compartment, hand, mop and prep) to FRP/tile walls.
 - Paper towel dispensers & soap dispensers to FRP/tile walls.
 - Provide a continuous bead of aluminum GE SCS1009 silicone at the following locations:
 - Stainless closer pieces, at sides of cooler walls - to cooler walls.
 - Stainless or aluminum plate closure pieces to diamond plate at cooler walls.
 - Diamond plate panel seam joints.
 - Diamond plate perimeter to cooler walls.
 - Base of diamond plate to quarry tile cove base.
 - Stainless closure panel, at top of cooler walls, to cooler walls.
 - Top of quarry tile cove base to cooler walls at inside of cooler.
 - Cooler wall/diamond plate penetrations.
 - Cooler door hinges and handles to diamond plate. DO NOT caulk door locking unit.
 - Stainless wrap at hollow metal door frame.
 - Stainless mop surround to stainless corners on mop sink.
 - Base of stainless corner pieces to schluter strip at base.
 - 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:
 - 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:
 - Ceiling grid to FRP wall panels.
 - Perimeter of manager's desk to FRP wall panels.
 - Hollow metal door frame to FRP wall panels.
 - Top and ends of coat hanger bracket to FRP wall panels.
 - Base of FRP wall panels to quarry tile base.
 - Ceiling tile wire/pipe penetrations.
 - FRP inside corners to FRP wall panels. Both sides of corner piece.
 - 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:
 - Base of safe to floor.

C. Cooking Area:

- Provide a continuous bead of white GE SCS1700 silicone at the following locations:
 - Top of wall tile to sheetrock ceiling.
 - Ceiling diffusers perimeters to sheetrock ceiling.
 - Ceiling pipe penetrations.
 - Wall tile to aluminum walk thru surround.
 - Tile wall penetrations/escutcheons perimeters.
 - FRP wall panels to sheetrock ceilings.
 - FRP wall panels to aluminum end wall plates.
 - FRP inside corners to FRP wall panels. Both sides of corner piece.
 - Sink to white wall tile.
 - Paper towel dispenser/soap dispenser to white tile.
 - POS/Serving counter to wall tile.
 - Stainless shelf behind grill to wall tile.
 - Faucets to ceramic wall tile.

- Provide a continuous bead of aluminum GE SCS1009 silicone at the following locations:
 - Joint between hood and closure skirt.
 - Joint between hood support and hood. Both sides.
 - Connection joint between stainless shelf behind grill.
 - Hood to tile walls & sheetrock ceiling.
 - Hood gusset to wall tile on both sides.
 - Sink to bronze wall tile.
 - Paper towel dispenser/soap dispenser to bronze tile.
 - DML counter to bronze tile.
- Provide a continuous bead of dark gray GE SCS2000 at the following locations:
 - Base of equipment to concrete curbs/quarry tile.
- Provide a continuous bead of bronze GE SCS2097 at the following locations:
 - Ceramic tile inside corners.
 - Ceramic tile to aluminum end wall plates.

D. Restrooms:

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

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

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

E. Dining area:

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

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

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

- Provide a continuous bead of Dow 795 silicone at the following locations:
 - 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:
 - Stainless countertop to backplash. Horizontal & vertical joints.
 - Base of Coke machine to countertop.
 - Perimeter of tea drain tray to countertop.
 - Stainless backplash to white tile walls/painted walls.

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

G. Fire Rated Walls:

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

H. Exterior Joints:

- Provide a continuous bead of Tremco Dymeric limestone urethane sealant at the following locations:
 - Sidewalk/concrete expansion joints.
- Provide a continuous bead of Dow 795 silicone or Tremco Dymeric 240 FC at the following locations:
 - Hollow metal door frames.
 - EIFS to abutting services.
 - Penetrations in EIFS.
 - Face brick or block control joints.
 - 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:
 - CO2 fill port stainless box.
 - Faucet for hose. (Please note: color to be determined per store. Verify with Chipotle Construction Manager and Architect).

CONSULTANT:



CLIENT:



CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182966
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2492
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PROJECT INFORMATION:

STORE NO : 4953

"PORT HURON"
3962 24TH AVE, SUITE B
PORT HURON, MI 48060

SEAL:



August 20, 2024

MATTHEW M. WILKUS
LICENSE #1301065868
(EXPIRES 06/30/2026)

PROJECT NO 2023-0101

DRAWN BY KDRB

CHECKED BY NSG / MMW

ISSUE RECORD:

03/21/2024	PERMIT SET
05/03/2024	BID SET
07/11/2024	CONSTRUCTION SET

REVISIONS:

TITLE:

ARCHITECTURAL
SPECIFICATIONS

SHEET NUMBER:

G013

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 Storefront include:

(1) 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 deflection in excess of 1/175 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)

2.1 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 test 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 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 elastomeric 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 2S, 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 assemblies. 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. General: Cluses, 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 A153/A153M.

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.

2.2 In-Line Side Sliding Automatic Window and Air Curtain

- A. GC to use specification called out on storefornt 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

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

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

B. Alternate California Code Option

- 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
 - Service Opening: 15-1/4"W x 28"H, limited to meet CA code.
 - Ambient Air Curtain, AA100, and relay switch kit included with the West Coast Window package.

- Quikserv Model: SS-4035-E-CHIPOTLE-CALI, same as above except as noted.
 - Service Opening: 28"W x 15-3/8"H, limited to meet CA code.
 - '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

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

- Heated Air Curtain for Custom Side Sliding Window (Model: SS-4035-E-CHIPOTLE)
 - 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.
- Ambient Air Curtain for Custom Side Sliding Window (Model: SS-4035-E-CHIPOTLE) and Alternate California Code Option: Model: SS-4035-E-CHIPOTLE-CALI
 - Separate circuit not required. Window pre-wired to power and sync operation with air curtain.
- Ambient Air Curtain for Alternate Impact-Resistant and Florida Product Approved Option (Model: BP-7241E-IP-CHIPOTLE):
 - 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.

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

3.1 Installation

- Install in accordance with manufacturer's instructions.
- Install pass-thru windows plumb, level, square, true to line, and without warp or rack. Maintain dimensional tolerances and alignment with adjacent Work.
- 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.
- Install pass-thru window components weathertight.
- Anchor pass-thru windows securely in place to supports. Use attachment methods permitting adjustment for construction tolerances, irregularities, alignment, and expansion and contraction.
- Separate aluminum from other metal surfaces with bituminous coatings or other means approved by Architect.
- Coordinate installation of related sheet metal flashing as specified in Section 07 62 00 - Sheet Metal Flashing and Trim.
- 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:
- ANSI A117.1-2009 Accessible and Usable Buildings and Facilities.
 - ANSI/BHMA A156 Series Builders Hardware

- B. Quality Assurance:
- Codes and standards: Provide hardware complying with local Building Code requirements and the Tenant's standards for keying and security systems.
 - Project scheduling: Performed by an Architectural Hardware Consultant (AHC).
 - 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.
 - 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.

- Top Butts: 5 inches; top of butt from head of frame.
- Middle Butts: 3'-2", centerline from finish floor.
- Bottom Butts: 5 inches; finish floor to bottom of butt.
- Locks: centerline from finish floor per hardware schedule.
- Knobs: 3'-2", centerline from finish floor.
- Pulls: centerline from finish floor per hardware schedule.
- 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:
- CPSC 16 CFR Part 1201 (1-91)"Safety Standard for Architectural Glazing Materials."
 - GANA "Glazing Manual - 1990."

B. Quality Assurance:

- 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.
- 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.
- Installation: Performed only by experienced glaziers.

C. Warranty:

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

- B. Glazing Materials:
- 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.
 - 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.
 - Glazing gaskets: Provide manufacturer's standard snap-on aluminum stops and neoprene, vinyl or EPDM glazing gaskets.
 - 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:
- Field verify measurements and conditions of installation.
 - Examine all details. Provide proper fitting to details indicated.
 - 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.
- 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:
- GA 214-90 "Levels of Gypsum Board Finish."
 - GA-216 "Specifications for Application and Finishing of Gypsum Board."
 - 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.

- Partition metal framing:
 - Studs: Galvanized steel, C-shaped, sizes indicated, 20 gage "ST20"
 - 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:

- Small areas: Metal stud framing of appropriate size and gage for spans indicated.
- Large areas: Furring channel "Grillage" or "Direct Suspension System" designed for concealed support of gypsum board ceilings, of proper type for use indicated.
- 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.
- General use panels: Sheetrock Regular panels.
 - Fire rated panels: Sheetrock Firecore Core panels.
 - 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. 2008 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.
- Ceiling suspension/ support systems: Metal furring system/direct suspension or steel stud framing system.
 - Wall and partition framing:
 - 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.
 - 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.
 - Frame openings more than 2'-0" wide with two 20 gage studs at each jamb.
 - 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."
- Screw fasten all gypsum board panels.
 - 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.
 - Control Joints: Locate and install control joints in accordance with USG Bulletin SA923 "Good Design Practice" recommendations.

- C. Acoustical Treatment:
- 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.
 - 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.
 - 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.
 - Seal sides and backs of electrical boxes to completely close up openings and joints with a bead of acoustical treatment.

D. Finishing:

- 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.
- Apply joint tape at joints between gypsum boards, except where trim accessories are indicated.
- Interior Exposed Gypsum Board Finish: Level 5 Finish.
 - Locations: Typical for all walls and ceilings, unless otherwise indicated
 - 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:
 - Embedding and First Coat: Setting-type joint or taping compound.
 - Fill (Second) Coat: Setting-type topping compound.
 - Fill (Third) Coat: Setting-type topping compound.
 - Finish (Fourth) Coat: Skim coat entire surface.
- Interior Concealed Gypsum Board: Level 3 Partial Finishing.
 - 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:
- ASTM C840 Standard Specification for Application and Finishing of Gypsum Board.
 - 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
 - ASTM C1178 Standard Specification for Glass Mat Water-Resistant Gypsum Backing Panel
 - ASTM D3273 Standard Test Method for Resistance to Growth of Mold on the Surface of Interior Coatings in an Environmental Chamber
 - ASTM D6329 Standard Guide for Developing Methodology for Evaluating the Ability of Indoor Materials to Support Microbial Growth Using Static Environmental Chambers
 - ASTM E96 Standard Test Methods for Water Vapor Transmission of Materials
 - 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.bulldg.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.

- 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:
- Walls (Steel Frame): Bungle head, fine thread, sharp point rust resistant drywall screw
 - 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.

- Manufacturers Recommendations: refer to Current "Product Catalog", Georgia Pacific Gypsum.
 - 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.
 - DensShield Tile Backer may be cut by using a utility knife to score, then snap, working from the grey face side.
 - 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.
 - 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.
 - 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.
 - Do not use all purpose joint compound or tape in wet areas.
 - Do not apply DensShield Tile Backer directly to concrete or masonry block. Framing or furring of the walls is necessary.
 - DensShield Tile Backer should not be used for exterior installations.
 - DensShield Tile Backer panels should not be used as a base for nailing and mechanical fastening.
 - 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 093000 - PORCELAIN FLOOR TILE

- 1.1 General: Provide porcelain tile flooring as shown and specified.

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

1.2 Performance Requirements:

- A. Static Coefficient of Friction: Tile on walkway surfaces shall be provided with the following values as determined by testing in conformance with ASTM C 1028.
- Level Surfaces and Step Treads: Minimum of 0.6 (Wet).
 - Ramp Surfaces: Minimum of 0.8 (Wet).

1.3 Quality Assurance:

- A. Installer Qualifications: Company specializing in performing the work in this section with minimum two years' experience.

- B. Single Source Responsibility: Obtain each type and color of tile from a single source. Obtain each type and color of mortar, adhesive and grout from the same source.

1.4 Delivery, Storage, and Handling:

- Deliver and store products in manufacturer's unopened packaging until ready for installation.
- Protect adhesives and liquid additives from freezing or overheating in accordance with manufacturer's instructions.
- Store tile and setting materials on elevated platforms, under cover and in a dry location and protect from contamination, dampness, freezing or overheating.

1.5 Environmental Requirements:

- Do not install adhesives in an unventilated environment.
- Maintain ambient and substrate temperature of 50 degrees F (10 degrees C) during tiling and for a minimum of 7 days after completion.

1.6 Extra Materials:

- Provide for Owner's use a minimum of 2 percent of the primary sizes and colors of tile specified, boxed and clearly labeled.

2.1 Materials:

- A. Manufacturers:
- Porcelain Tile: Daltile, (877) 556-5728, internet: http://daltile.com
 - For ordering purposes, email all orders to chiptotle@daltile.com
 - Waterproofing:
 - Setting and Grouting Materials and Tile Base Membrane: Mapei, (800) 992-6273, internet: www.mapei.com

B. Tile:

- General: Provide tile that complies with ANSI A137.1 for types, compositions and other characteristics indicated. Provide tile in the locations and of the types, colors and pattern indicated on the Drawings. Tile shall also be provided in accordance with the following:
 - Factory Blending: For tile exhibiting color variations within the acceptable ranges, blend tile in factory and package tile so tile taken from one package shows the same range of colors as those taken from other packages.
 - Factory Applied Temporary Protective Coatings: Where indicated under the type, protect exposed surfaces of tile against adherence of mortar and grout by pre-coating with a continuous fill of petroleum paraffin wax applied hot. Do not coat unexposed tile surfaces.
- Glazed Porcelain Tile: Series: Volume 1.0, Part #: VL7012241P6, Size: 12x24, Color: VL70 Amplify Black, Pattern: As indicated on the Drawings.
 - Moisture Absorption: Less than .5 percent to less than 20 percent.
 - Trim Units: Matching bullnose, cove base corner, cove base shapes in sizes coordinated with field tile.
- Non-Ceramic Trim: Finish as indicated on the Drawings, style and dimensions to suit application, for setting using tile mortar or adhesive; use in the following locations:
 - Open edges of floor tile.
 - Transition between floor finishes of different heights and/or materials.
 - Expansion and control joints, floor and wall.

- C. Waterproofing for elevated floor slabs: Mapei, Mapelastic AquaDefense, Premium Waterproofing and Crack Isolation Membrane

- D. Setting Adhesive: Mapei, Ultralex 3, Color: Gray

- E. Grout: Mapei, Kerapoxy IEG CQ, Color: #47, "Charcoal", 3/16" grout joints.

- F. Tile Base Membrane: Mapei, Mapelastic AquaDefense, Premium Waterproofing and Crack Isolation Membrane

3.1 Installation

- A. Examination:
- Verify that wall and sub-floor surfaces are dust-free, and free of substances which would impair bonding of setting materials to sub-floor surfaces, and are smooth and flat with tolerances specified in ANSI A137.1.
 - Verify that concrete sub-floor surfaces are ready for tile installation by testing for moisture emission rate and alkalinity; obtain instructions if test results are not within limits recommended by tile manufacturer and setting materials manufacturer.
 - Verify that required floor-mounted utilities are in correct location.
- B. Preparation:
- Protect surrounding work from damage.
 - Remove any curing compounds or other contaminants.
 - Vacuum clean surfaces and damp clean.
 - Seal substrate surface cracks with fillers. Level existing substrate surfaces to acceptable flatness tolerances.
 - Install cementitious backer board (if applicable) 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.
 - Prepare substrate surfaces for adhesive installation in accordance with adhesive manufacturer's instructions.

C. Installation - General:

- Install tile and grout in accordance with applicable requirements of ANSI A108.1 through A108.13, manufacturer's instructions, and TCA Handbook recommendations.
- Lay tile pattern indicated. Arrange pattern so that a full tile or joint is centered on each wall and that no tile less than 1/2 width is used. Do not interrupt tile pattern through openings. Adjust layout to minimize tile cutting. Locate cuts to be least conspicuous.
- Cut and fit tile to penetrations through tile, leaving sealant joint space. Form corners and bases neatly. Align floor joints.
- 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. Maintain units uniformly "in plane." Provide straight, uniform joint widths and grout lines.
- Form internal angles square and external angles bullnosed.
- Install ceramic accessories rigidly in prepared openings.
- Install non-ceramic trim in accordance with manufacturer's instructions.
- Install thresholds where indicated.
- Sound tile after setting. Replace hollow sounding units.
- Keep expansion joints free of adhesive or grout. Apply sealant to joints.
- Allow tile to set for a minimum of 48 hours prior to grouting.
- Grout tile joints. Use standard grout unless otherwise indicated.
- Apply sealant to junction of tile and dissimilar materials and junction of dissimilar planes.

D. Installation - Floors - Thin-Set Methods:

- Over interior concrete substrates, install in accordance with TCA Handbook Method F113, dry-set or latex-portland cement bond coat, with standard grout, unless otherwise indicated.
 - Where waterproofing membrane is indicated, install in accordance with TCA Handbook Method F122, with latex-portland cement grout.
- Where epoxy bond coat and grout are indicated, install in accordance with TCA Handbook Method F131.
- Over wood substrates, install in accordance with TCA Handbook Method F142, with standard grout, unless otherwise indicated.
 - Where epoxy bond coat and grout are indicated, install in accordance with TCA Handbook Method F143.

CONSULTANT:



CLIENT:



CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182966
COLUMBUS, OH 43218-2966
TELEPHONE: (614) 318-2492
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PROJECT INFORMATION:

STORE NO.: 4953

"PORT HURON"
3962 24TH AVE, SUITE B
PORT HURON, MI 48060

SEAL:



August 20, 2024

MATTHEW M. WILKUS
LICENSE #1301065868
(EXPIRES 06/30/2026)

PROJECT NO. 2023-0101

DRAWN BY KDRB

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Roller: All-purpose nap roller cover.

- 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.

VISIONS 13 - 14 - NOT APPLICABLE

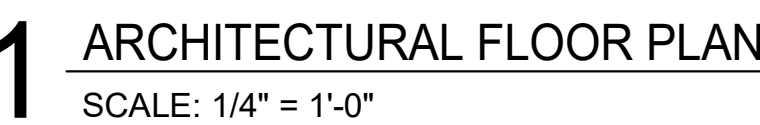
SHEET NUMBER

G017

1. DEMOLISHED MATERIALS SHALL BECOME THE GENERAL CONTRACTOR'S PROPERTY AND SHALL BE REMOVED FROM THE SITE WITH FURTHER DISPOSITION AND RECYCLED BY THE GENERAL CONTRACTOR'S OPTION, UNLESS NOTED OTHERWISE.
2. SURVEY THE CONDITION OF THE BUILDING TO DETERMINE WHETHER REMOVING ANY ELEMENT MIGHT RESULT IN STRUCTURAL DEFICIENCY OR UNPLANNED COLLAPSE OF ANY PORTION OF THE STRUCTURE OR ADJACENT STRUCTURES DURING SELECTIVE DEMOLITION.
3. PERFORM SURVEYS AS THE WORK PROGRESSES TO DETECT HAZARDS RESULTING FROM SELECTIVE DEMOLITION ACTIVITIES.
4. MAINTAIN EXISTING UTILITIES TO REMAIN IN SERVICE AND PROTECT THEM AGAINST DAMAGE DURING SELECTIVE DEMOLITION OPERATIONS.
5. CONDUCT DEMOLITION OPERATIONS AND REMOVE DEBRIS TO ENSURE MINIMAL INTERFERENCE WITH ROADS, STREETS, WALKS, AND OTHER ADJACENT OCCUPIED AND USED FACILITIES. REMOVE & TRANSPORT DEBRIS IN A MANNER THAT WILL PREVENT SPILLAGE ON ADJACENT SURFACES AND AREAS. PROMPTLY DISPOSE OF DEMOLISHED MATERIALS. PROMPTLY DISPOSE OF DEMOLISHED MATERIALS. DO NOT ALLOW DEMOLISHED MATERIALS TO ACCUMULATE ON SITE.
6. PROVIDE TEMPORARY WEATHER PROTECTION, DURING INTERVAL BETWEEN DEMOLITION, REMOVAL OF EXISTING EXTERIOR CONSTRUCTION AND NEW CONSTRUCTION TO ENSURE THAT NO WATER DAMAGE OCCURS TO STRUCTURE OR INTERIOR AREAS.
7. TOTAL SCOPE OF DEMOLITION MAY NOT BE COVERED ON THIS SHEET. REVIEW ALL SHEETS IN THIS DRAWING SET TO DETERMINE TOTAL SCOPE OF DEMOLITION.
8. REMOVE & TRANSPORT DEBRIS IN A MANNER THAT WILL PREVENT SPILLAGE ON ADJACENT SURFACES AND AREAS.
9. TRANSPORT DEMOLISHED MATERIALS OFF OWNER'S PROPERTY AND LEGALLY DISPOSE OF THEM.
10. CLEAN ALL HORIZONTAL SURFACES OF ACCUMULATED DUST AND DEBRIS.
11. ALL DEMOLITION ITEMS ON THIS SHEET TO BE PERFORMED BY TENANT'S GENERAL CONTRACTOR, UNLESS NOTED OTHERWISE.
12. COORDINATE ALL DEMOLITION ACTIVITY WITH BUILDING OWNER'S REPRESENTATIVE. SOME DEMOLITION ACTIVITIES MAY BE REQUIRED TO BE PERFORMED ON PREMIUM TIME.
13. CONTRACTOR SHALL TAKE ADEQUATE PRECAUTIONS TO PROTECT ALL ADJACENT AND REMAINING BUILDING COMPONENTS.
14. EXISTING FOUNDATIONS TO BE PROTECTED AND UNDISTURBED. UNLESS OTHERWISE NOTED.
15. ALL SALVAGED ITEMS, INCLUDING BUT NOT LIMITED TO LINES, ELECTRICAL PANELS, MAIN COPPER CONDUIT, ETC. SHALL BE CAREFULLY DISASSEMBLED/DISCONNECTED AND STORED IN A SECURE LOCATION FOR POSSIBLE REUSE.
16. IDENTIFIED SELECTIVE DEMOLITION IS FOR REFERENCE ONLY. ADDITIONAL DEMOLITION MAY BE REQUIRED TO ACCOMMODATE NEW LAYOUT; REFER TO NEW WORK PLANS AND ELEVATIONS. ALL DIMENSIONS SHOWN SHOULD BE VERIFIED IN THE FIELD.
17. MAINTAIN EXISTING FIRE RATED ASSEMBLIES. ANY COMPROMISE OF EXISTING FIRE RATING SHALL BE PATCHED AND REPAIRED TO ORIGINAL CONDITION.
18. ANY EXISTING FINISHED SURFACES TO REMAIN THAT ARE AFFECTED BY SELECTIVE DEMOLITION SHALL BE PATCHED TO MATCH EXISTING ADJACENT SURFACES UNLESS CONCEALED BY NEW CONSTRUCTION.
19. UTILITIES ABANDONED SHALL BE REMOVED AND CAPPED BEHIND FINISHED SURFACES.
20. IN SHARED SPACES WITH OTHER TENANTS, SEAL ALL INTAKE AND EXHAUST AIR PRIOR TO DEMOLITION.

EXISTING CONSTRUCTION TO REMAIN		
EXISTING CONSTRUCTION TO BE DEMOLISHED		
EXISTING "KITCHEN HALL" CEILING: TYPE, 10'-0" +/- AFF FLOOR: QUARRY TILE BASE: QUARRY TILE BASE WALLS: FRP / TILE EXISTING "OFFICE" CEILING: TYPE, 10'-0" +/- AFF FLOOR: QUARRY TILE BASE: QUARRY TILE BASE WALLS: FRP EXISTING "UTILITY ROOM" CEILING: TYPE, 10'-0" +/- AFF FLOOR: QUARRY TILE BASE: QUARRY TILE BASE WALLS: FRP / CMU		

1	REMOVE ALL REMAINING INTERIOR WALLS, FINISHES, DOORS, FRAMES ON TENANT SIDE -TYPICAL THROUGHOUT ALL INTERIOR SPACES U.N.O. (BY TENANT'S GC)
2	REMOVE ALL REMAINING INTERIOR CASEWORK, FURNITURE, FIXTURES, AND EQUIPMENT -TYPICAL THROUGHOUT ALL INTERIOR SPACES U.N.O. (BY TENANT'S GC)
3	REMOVE ALL REMAINING INTERIOR CEILING FINISHES, GRIDS, FIXTURES, SOFFITS, AND MECHANICAL SYSTEMS -TYPICAL THROUGHOUT ALL INTERIOR SPACES U.N.O. (BY TENANT'S GC)
4	REMOVE ALL REMAINING INTERIOR WALL AND BASE FINISHES ALONG ALL EXTERIOR WALLS -WHERE TEXTURED WALLS ARE PRESENT, SAND SMOOTH AND PREP TO RECEIVE NEW FINISHES -TYPICAL THROUGHOUT ALL INTERIOR SPACES U.N.O. (BY TENANT'S GC)
5	REMOVE EXISTING EXHAUST HOODS AND KITCHEN EQUIPMENT. (BY TENANT'S GC)
6	WORK ONLY AS REQUIRED FOR FUTURE ADJACENT SPACE OF AS DIRECTED BY OWNER. 2
7	REMOVE EXISTING SOFFIT LIGHTING, PATCH AND REPAIR TO ACCOMMODATE NEW CAN LIGHTS. (BY TENANT'S GC)
8	REMOVE EXISTING HOLLOW METAL DOOR, INFILL WITH NEW WALL TO MATCH EXISTING CONDITIONS. (BY TENANT'S GC)
9	REMOVE EXISTING DRIVE-THRU WINDOW - INFILL WITH NEW WALL TO MATCH EXISTING CONDITIONS. (BY TENANT'S GC)
10	REMOVE EXISTING EXTERIOR WALL CONSTRUCTION AND FINISHES - PREP TO ACCOMMODATE NEW EXTERIOR HOLLOW METAL DOOR (3'-10" x 7'-2" OPENING) (BY TENANT'S GC) - SEE STRUCTURAL FOR ADDITIONAL INFORMATION
11	EXISTING 8" DIAMETER VERTICAL ROOF DRAIN PIPE - DASHED LINE INDICATES ROOF DRAIN LINE BELOW JOIST @ 11'-0" AFF, PROTECT DURING SELECTIVE DEMOLITION - REMOVE ANY SURROUNDING FINISHES AND FURRING AND INSULATE AS REQUIRED.
12	REMOVE PORTION OF EXISTING WALL CONSTRUCTION AND FINISHES - PREP TO ACCOMMODATE NEW PICK-UP WINDOW (8'-8" x 5'-0" OPENING) (BY TENANT'S GC) - SEE STRUCTURAL FOR ADDITIONAL INFORMATION.
13	REMOVE EXISTING STOREFRONT AND PREP FOR INSTALLATION OF NEW EXTERIOR WALL. (BY TENANT'S GC)
14	3'-6" REAR HOLLOW METAL SERVICE DOOR (BY OWNER)
15	EXISTING ALUMINUM 3'-0" DOOR TO BE REPLACED WITH STOREFRONT (BY OWNER)
16	6'-0" MAIN ENTRY DOOR (BY OWNER)
17	EXISTING 4" CONCRETE SLAB.
18	EXISTING CLEAR ANNOIDIZED ALUMINUM STOREFRONT TO REMAIN.
19	REMOVE EXISTING PLUMBING FIXTURES IN THEIR ENTIRETY AND BRING ANY PLUMBING BACK TO SOURCE. (BY TENANT'S GC)



1. ALL SITE WORK INCLUDING PAVING, CURBING, PARKING, PARKING LOT LIGHTING, SIDEWALKS, LANDSCAPING, BOLLARDS AND DUMPSTER ENCLOSURE ARE EXISTING UNLESS NOTED OTHERWISE.
2. FOR STENCIL INFORMATION, REFER TO DIVISION 2 - SITE CONSTRUCTION FOR ADDITIONAL INFORMATION.
3. PROVIDED ARCHITECTURAL SITE PLAN IS FOR REFERENCE PURPOSES ONLY. GENERAL CONTRACTOR TO VERIFY OWNER PROVIDED ITEMS MATCH THE INDICATED NOTING BELOW AS REQUIRED. IF GENERAL CONTRACTOR OCCURS ANY DISCREPANCIES BETWEEN ARCHITECTURE AND EXISTING SITE CONDITIONS, CONTACT THE ARCHITECT IMMEDIATELY.

1	"DIGITAL PICK-UP" SIGNAGE AND FOUNDATION SUPPLIED AND INSTALLED BY TSV. OWNER TO PROVIDE NEW CONDUIT STUB.
2	OWNER TO DEMO EXISTING TRASH ENCLOSURE AND PROVIDE NEW 14'-0" x 30'-0" SHARED TRASH ENCLOSURE, PAD APRON AND BOLLARDS.
3	EXCLUSIVE 1,500 GALLON GREASE INTERCEPTOR LOCATION (BY OWNER).
4	"DO NOT ENTER", "DIGITAL PICKUP AHEAD" AND DIRECTIONAL ARROW STRIPING (BY OWNER), TYPICAL THROUGHOUT THE SITE.
5	ONE (1) SHARED POLE SIGN FOR PULL-AHEAD PARKING SPACES - FOUNDATION AND POLE BY TENANT GENERAL CONTRACTOR - SIGN PROVIDED BY TSV - INSTALLED BY TENANT'S GENERAL CONTRACTOR.
6	TWO (2) PULL-AHEAD PARKING SPACES MARKED WITH WHITE NUMBERS PARALLEL TO STRIPING AND CENTERED IN SPACE (BY OWNER)
7	CLEARANCE BAR AND FOUNDATION SUPPLIED AND INSTALLED BY TSV.
8	TWO (2) SPACES MARKED FOR 'BURRITO LOADING ZONE' PARKING ON A SHARED SIGN POST FOUNDATION AND POLE BY GENERAL CONTRACTOR - SIGN BY TSV - INSTALLED BY TENANT'S GENERAL CONTRACTOR.
9	NEW HIGH-DENSITY CONCRETE DRIVE AISLE (BY OWNER) - CONCRETE TO EXTEND 12 FT PAST CENTERLINE OF PICKUP WINDOW AND 12 FT BEFORE CENTERLINE OF CLEARANCE BAR.
10	NEW TENANT LOOP DETECTOR INSTALLED BY TENANT'S GENERAL CONTRACTOR - REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION, ONE (1) NEW 1" CONDUIT STUB-UP (BY OWNER)
11	NEW 350 SF PATIO SLAB (BY OWNER), FURNITURE AND RAILING BY TENANT'S SUPPLIERS AND INSTALLED BY TENANT'S GENERAL CONTRACTOR.
12	SHARED MONUMENT SIGN LOCATION, REPAIR MONUMENT SIGN BASE AND PROVIDE CONDUIT, AND POWER TO SIGN (BY OWNER) - SIGN PANELS ON EACH SIDE (BY TENANT'S GC)
13	NEW ACCESSIBLE CURB RAMP (BY OWNER)
14	TWO (2) NEW ACCESSIBLE PARKING SPACES MARKED WITH STRIPING AND SIGN POSTS (BY OWNER)
15	EXISTING PARKING LOT PAINT STRIPING TO REMAIN WHERE SHOWN, RESTRIPE AS NEEDED (BY OWNER)
16	PATCH AND REPAIR SIDEWALKS AS NEEDED, ENSURE ALL SIDEWALKS AND RAMPS ARE ADA COMPLIANT (BY OWNER)
17	LOCATION OF EXISTING LOOP DETECTION; OWNER RESPONSIBLE TO REMOVE ALL COMPONENTS BACK TO THE SOURCE AND CAP OFF. OWNER TO PATCH TO MATCH EXISTING MATERIALS.
18	DOOR STOOP (BY OWNER)
19	DASHED LINE INDICATES EXTENTS OF NEW CONCRETE STOOP BELOW BY TENANTS GENERAL CONTRACTOR, ENSURE CONCRETE SLAB INSTALLED IN ACCORDANCE WITH ADA CODE REQUIREMENTS FOR A LEVEL SURFACE AND NO CHANGES IN LEVEL GREATER THAN 1/4" - REFER TO STRUCTURAL DRAWINGS. TENANT GENERAL CONTRACTOR TO MODIFY/PATCH/REPAIR EXISTING CONCRETE AS NEEDED
20	EXISTING LANDSCAPE TO REMAIN, TYP. OWNER TO REPLACE EXISTING MULCH, TYP. AND ANY PLANTINGS AS REQUIRED.
21	SHARED UTILITY ROOM WITH ROOF ACCESS (BY OWNER)
22	TENANT GENERAL CONTRACTOR TO MAINTAIN A SLOPE OF 1/4" / 12" FOR POSITIVE DRAINAGE AWAY FROM BUILDING AT ALL AREAS, TYP.
23	DIRECTIONAL PAVEMENT MARKINGS (BY OWNER).



WILKUS
ARCHITECTS



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33962 24TH AVE, SUITE B
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STATE OF MICHIGAN
MATTHEW WILKUS
ARCHITECT
No.
1301065868
LICENSED ARCHITECT

Matthew Wilkus

August 20, 2024

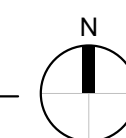
MATTHEW M. WILKUS
LICENSE #1301065868
(EXPIRES 06/30/2026)

ISSUE RECORD:	
<u>03/21/2024</u>	PERMIT SET
<u>05/03/2024</u>	BID SET
<u>07/11/2024</u>	CONSTRUCTION SET

[illegible]

SHEET NUMBER

SP100



1 ARCHITECTURAL SITE PLAN

SCALE: 1/16" = 1'-0"

GENERAL NOTES - SITE PLAN

- 1. ALL SITE WORK INCLUDING PAVING, CURBING, PARKING, PARKING LOT LIGHTING, SIDEWALKS, LANDSCAPING, BOLLARDS AND DUMPSTER ENCLOSURE ARE EXISTING UNLESS NOTED OTHERWISE.
- 2. FOR STENCIL INFORMATION, REFER TO DIVISION 2 - SITE CONSTRUCTION FOR ADDITIONAL INFORMATION.
- 3. PROVIDED ARCHITECTURAL SITE PLAN IS FOR REFERENCE PURPOSES ONLY. GENERAL CONTRACTOR TO VERIFY OWNER PROVIDED ITEMS MATCH THE INDICATED NOTING BELOW AS REQUIRED. IF GENERAL CONTRACTOR OCCURS ANY DISCREPANCIES BETWEEN ARCHITECTURE AND EXISTING SITE CONDITIONS, CONTACT THE ARCHITECT IMMEDIATELY.

KEYNOTE LEGEND

1	NEW 2'-0" LANDSCAPE BUFFER (55 SQFT) (BY OWNER)
2	PATIO LIGHT AND FOOTING (BY TENANT'S GC) ONE (1) NEW 1" CONDUIT STUB-UP (BY OWNER)
3	NEW PATIO FURNITURE (BY TENANT'S GC)
4	NEW PATIO RAILING BY TENANT RAILING SUPPLIER, INSTALLED BY TENANT'S GENERAL CONTRACTOR.
5	NO HOLES REQUIRED IN END POSTS, TYP.
6	EDGE OF PATIO SLAB (BY OWNER)
7	EXISTING LANDSCAPE TO REMAIN, TYP. OWNER TO REPLACE EXISTING MULCH, TYP. AND ANY PLANTINGS AS REQUIRED.
8	TWO (2) SPACES MARKED FOR 'BURRITO LOADING ZONE' PARKING ON A SHARED SIGN POST FOUNDATION AND POLE BY GENERAL CONTRACTOR - SIGN BY TSV - INSTALLED BY TENANT'S GENERAL CONTRACTOR.



CLIENT:



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PROJECT INFORMATION:

STORE NO.: 4953
"PORT HURON"
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PORT HURON, MI 48060

SEAL:



August 20, 2024
MATTHEW M. WILKUS
LICENSE #1301065868
(EXPIRES 06/30/2026)

PROJECT NO. 2023-0101
DRAWN BY KDRB
CHECKED BY NSG / MMW

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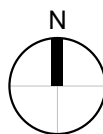
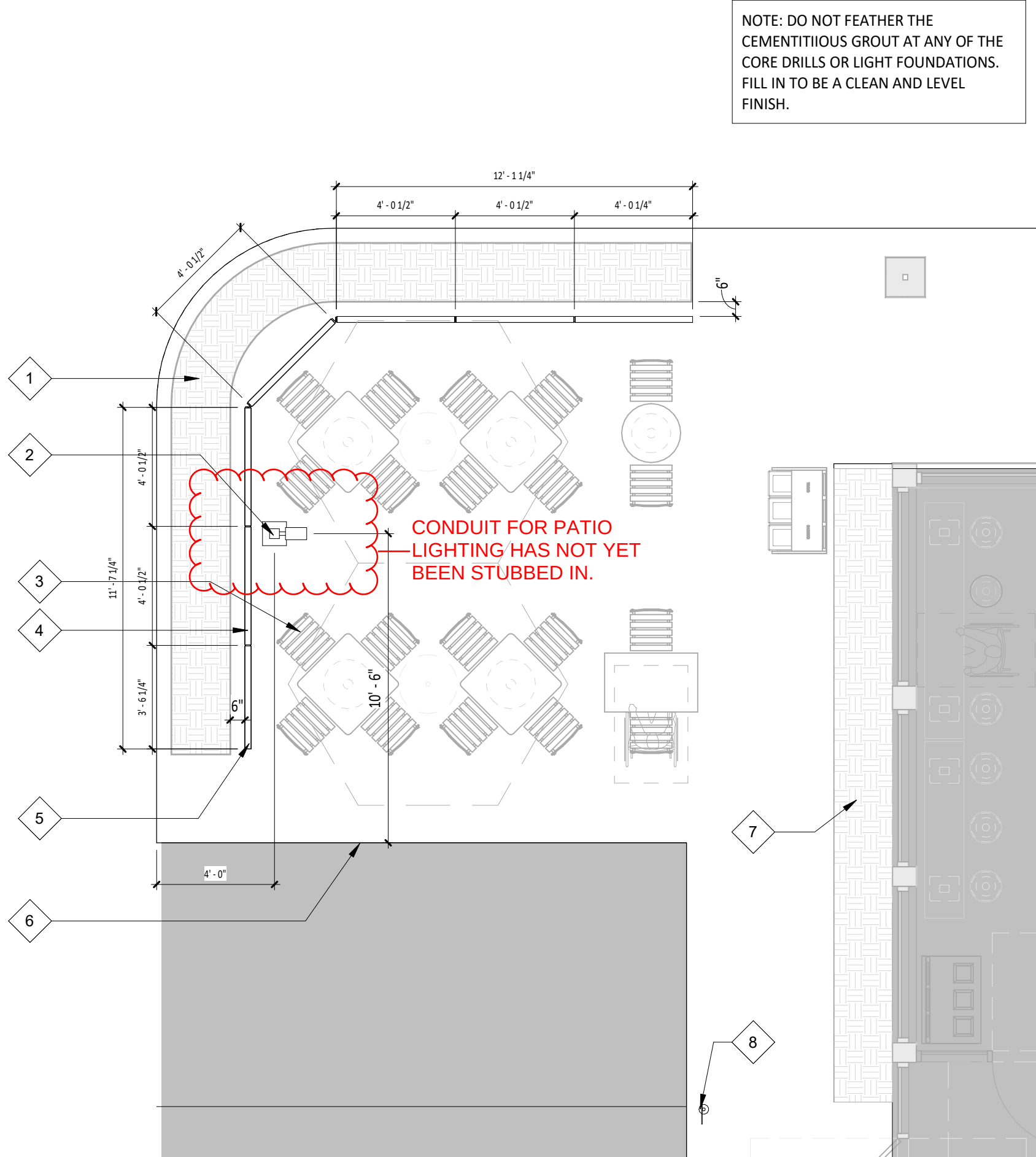
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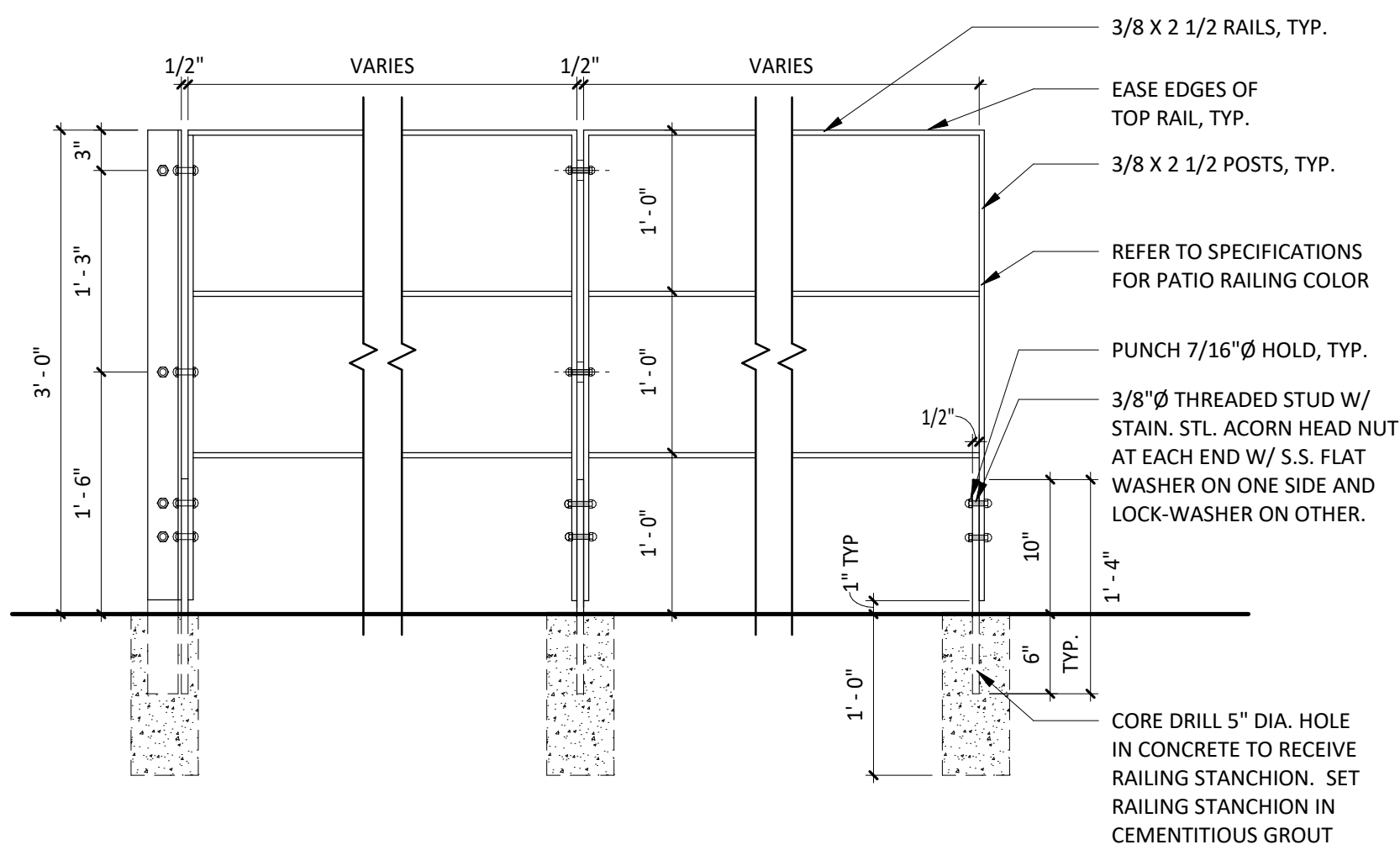
SITE DETAILS

SHEET NUMBER:

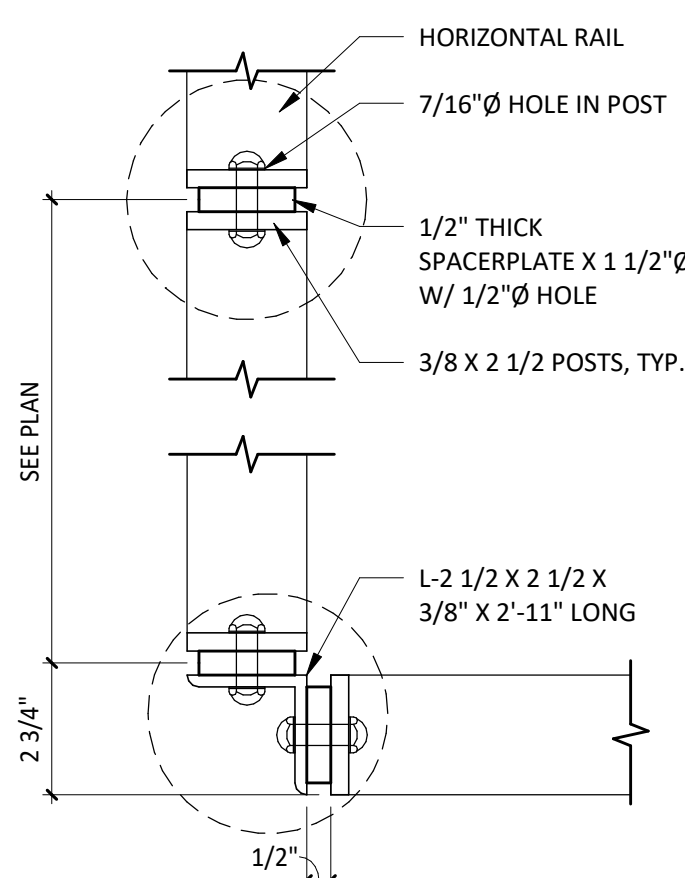
SP101



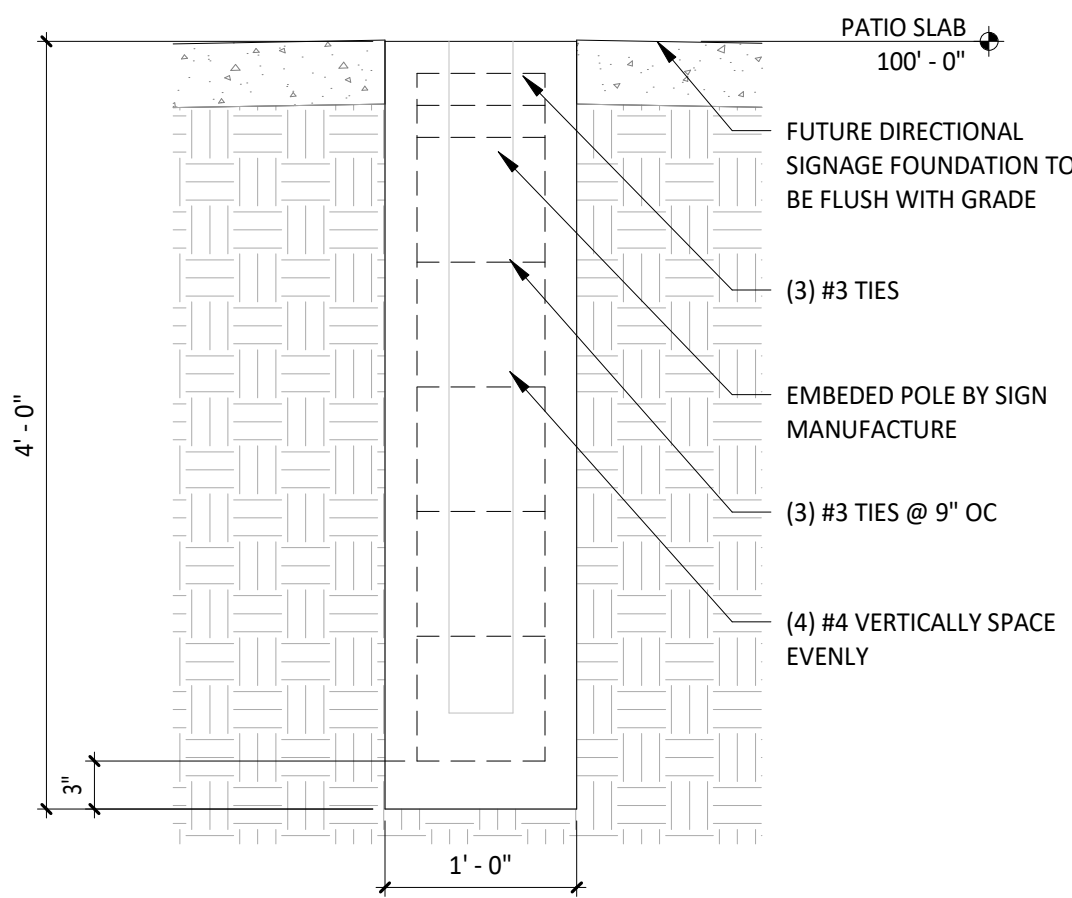
1 DIMENSIONED PATIO PLAN
SCALE: 1/4" = 1'-0"



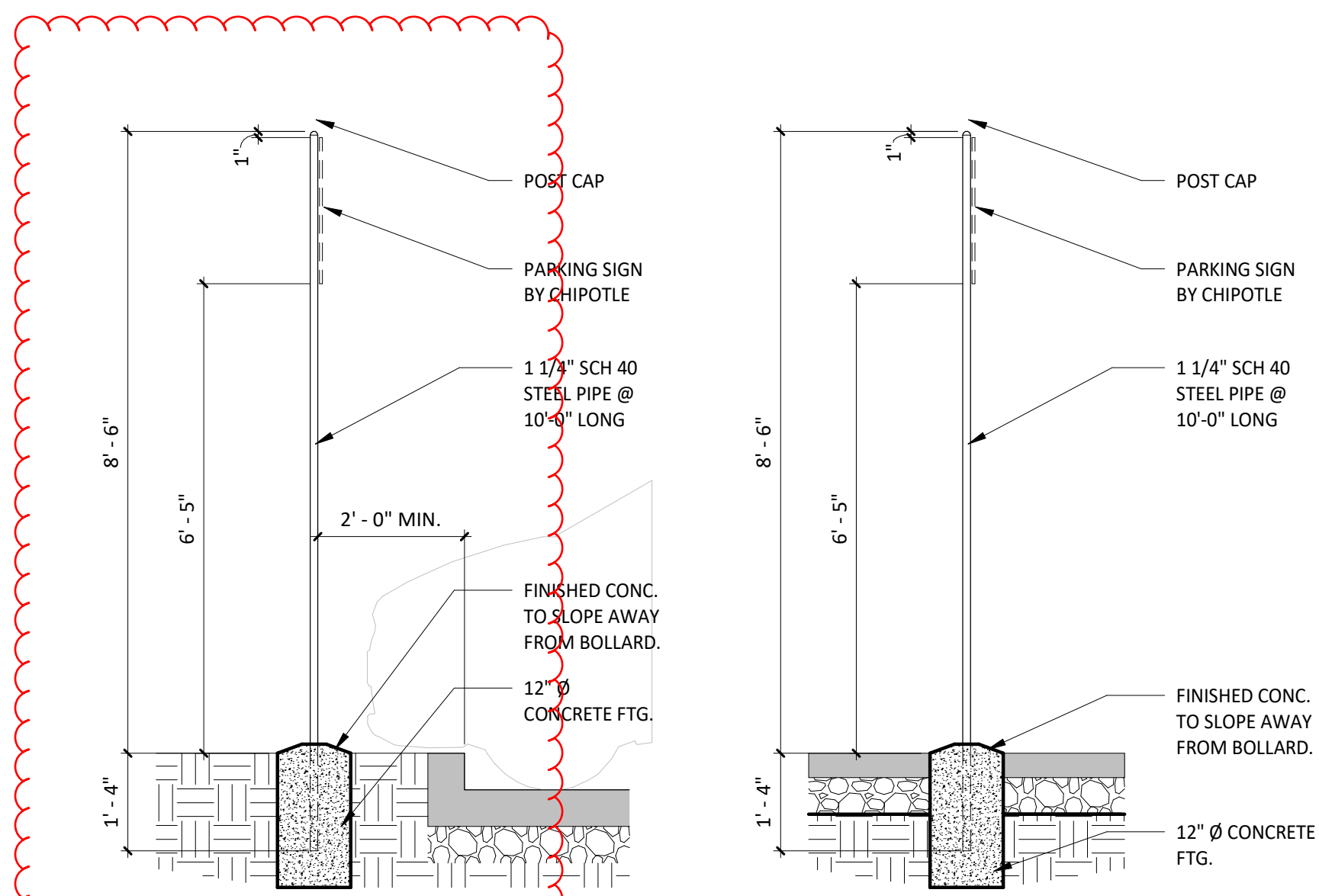
2 RAILING MOUNTING DETAIL
SCALE: 1" = 1'-0"



3 RAILING PLAN DETAIL
SCALE: 3" = 1'-0"

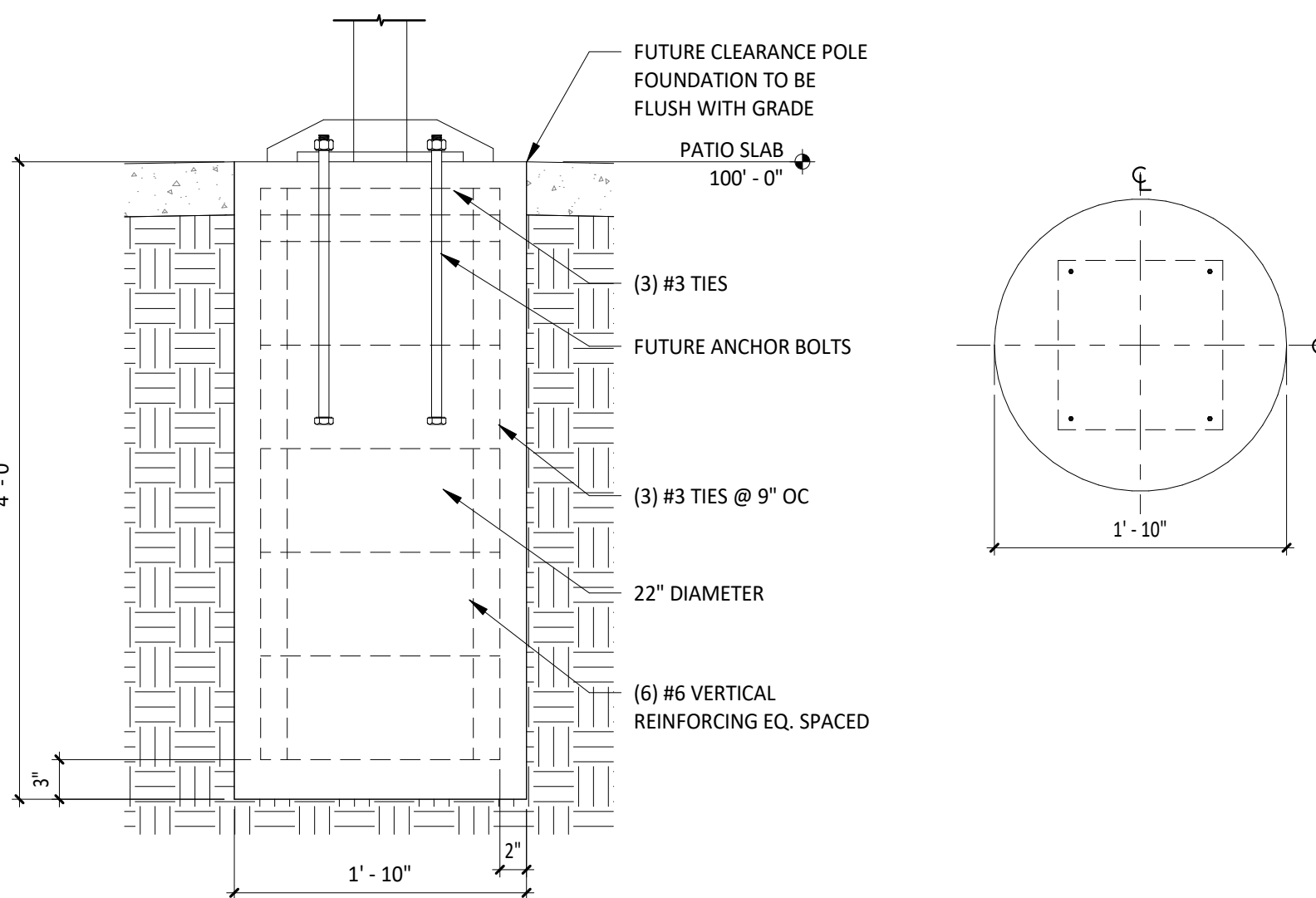


6 DIRECTIONAL SIGNAGE FOUNDATION
SCALE: 1" = 1'-0"

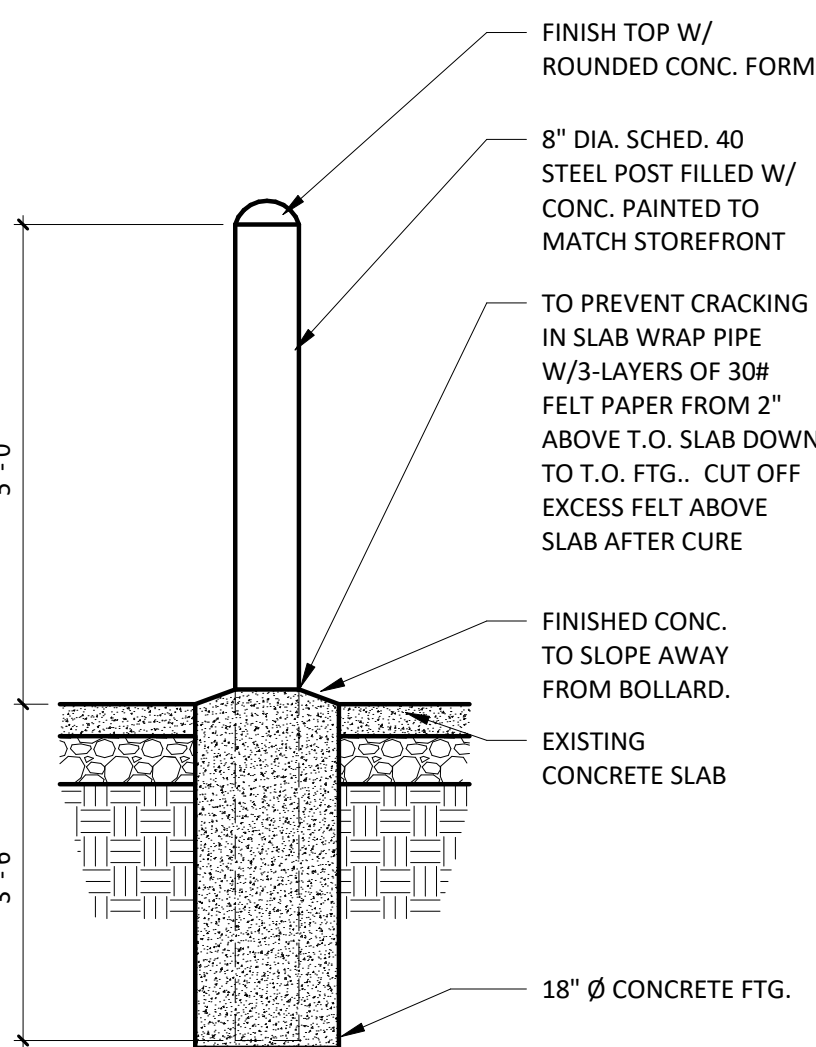


7 SIGN POST DETAIL
SCALE: 1/2" = 1'-0"

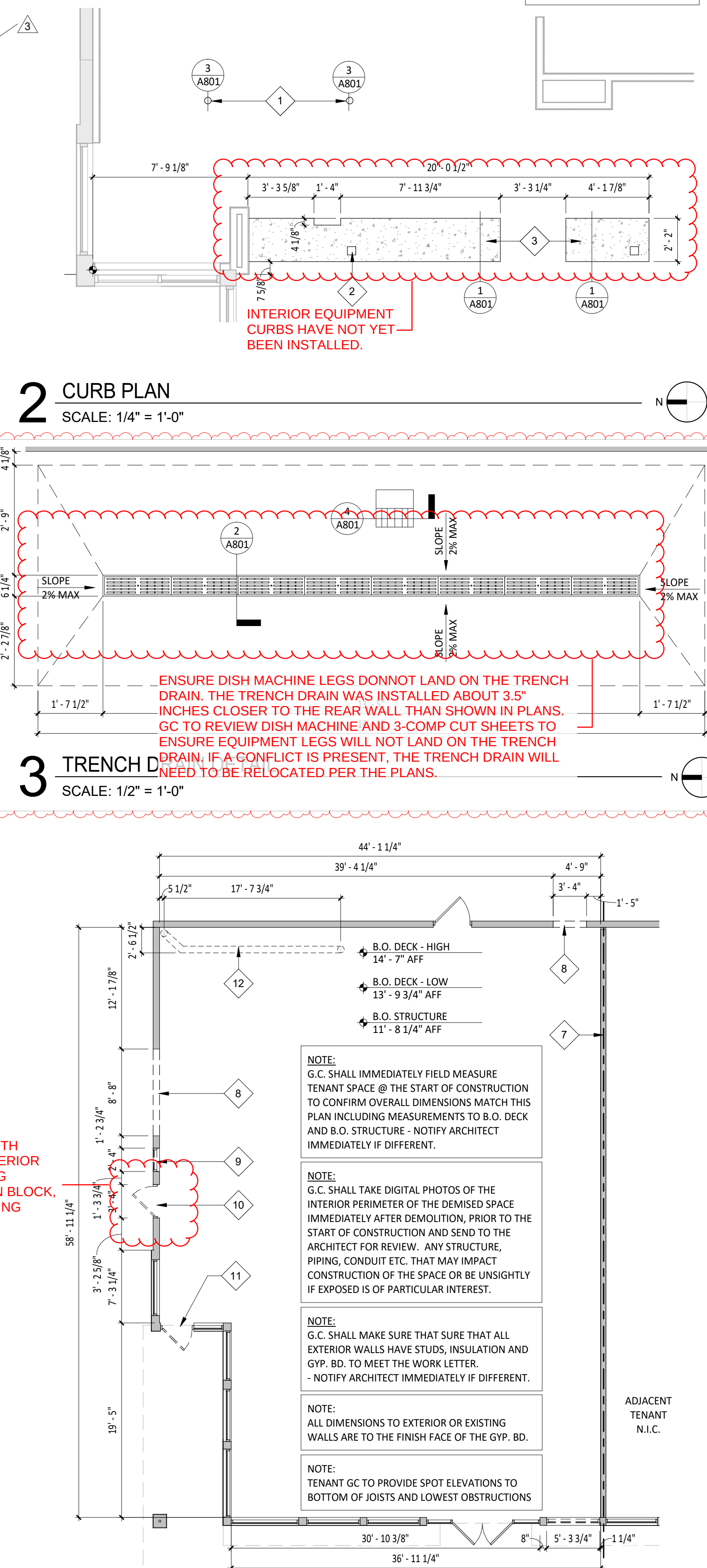
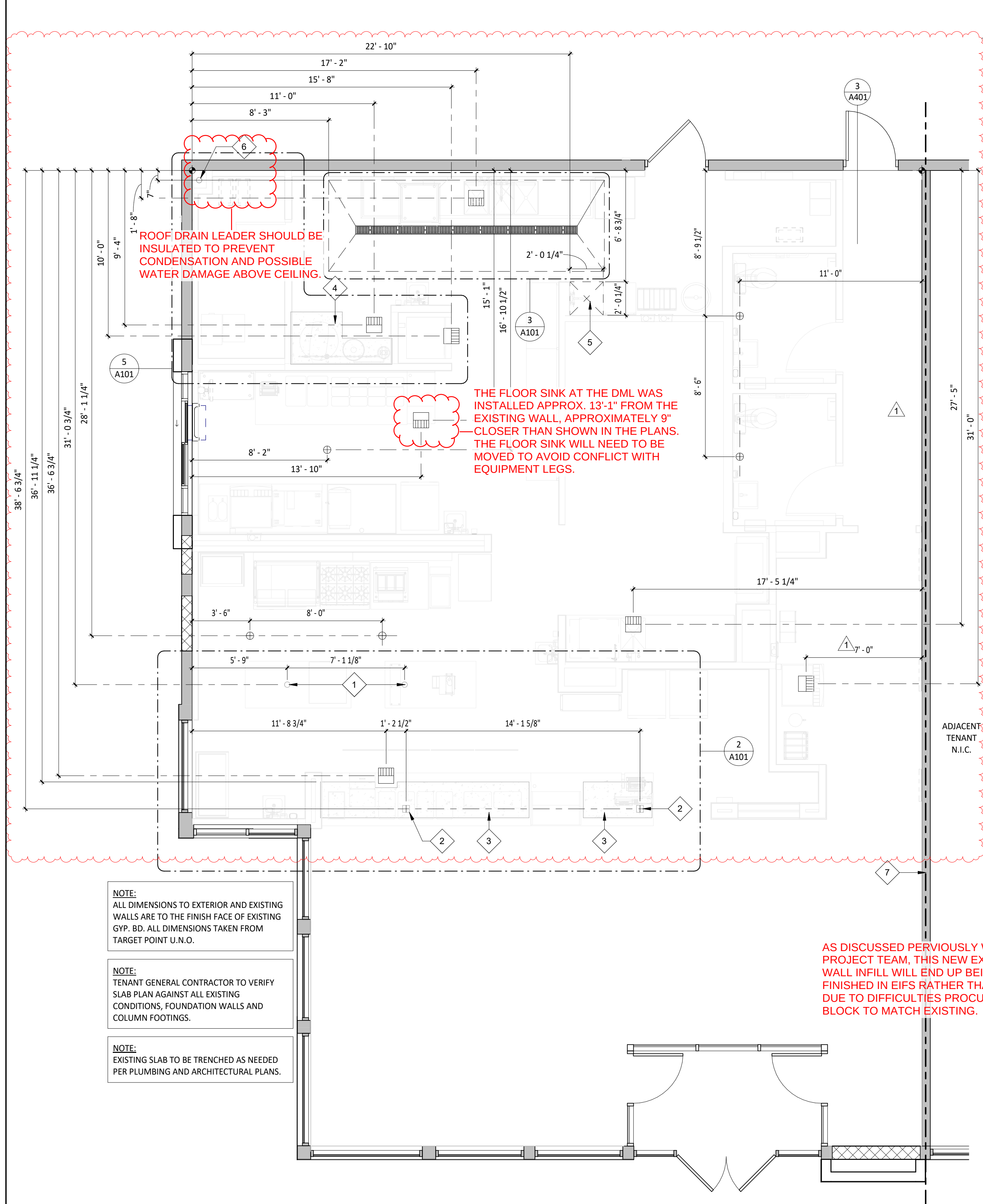
ENSURE ADEQUATE SPACE IS LEFT BEHIND SIGNPOST FOR ACCESSIBLE PATH OF TRAVEL ON SIDEWALK. EXISTING SIDEWALK APPEARS TOO NARROW FOR SIGN POST TO BE INSTALLED 2'-0" FROM THE EXISTING CURB.



4 CLEARANCE POLE FOUNDATION
SCALE: 1" = 1'-0"



5 TYP. BOLLARD DETAIL
SCALE: 1/2" = 1'-0"



GENERAL NOTES - SLAB PLAN

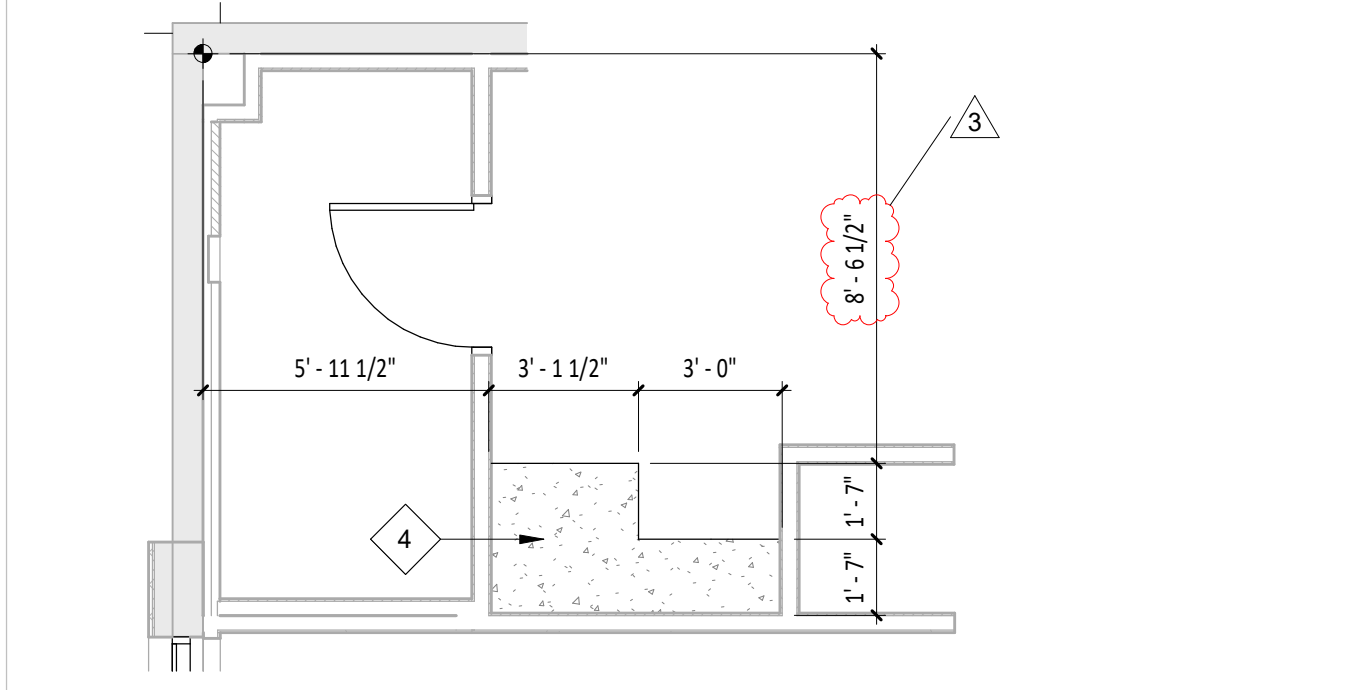
A. ALL DIMENSIONS ARE TO THE INSIDE FINISHED FACE OF EXISTING GYP. BD. UNLESS OTHERWISE NOTED.
B. ALL DIMENSIONS ARE TO THE CENTERLINE OF FIXTURE UNLESS OTHERWISE NOTED.
C. GC TO REVIEW ELECTRICAL PLANS FOR LIGHTING OR POWER STUB LOCATIONS PRIOR TO POURING SLAB.
D. REFER TO "03300 - CAST-IN-PLACE CONCRETE" 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
H. COORDINATE SYRUP LINE ROUTING WITH EXISTING UNDER SLAB CONDITIONS WHEN PLANS INDICATE UNDERSLAB SYRUP LINES

PLUMBING LEGEND

FLOOR SINK LOCATION ⊕ FLOOR DRAIN LOCATION

KEYNOTE LEGEND

1 4" PVC PIPE WITH 2" HIGH CONCRETE INFILL FOR POWER STUBS - TYPICAL OF TWO (2) - REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
2 5" X 5" POWER STUB LOCATION - COORDINATE WITH ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
3 4" CONCRETE CURB - COORDINATE EXACT LOCATION WITH FINAL EQUIPMENT LOCATIONS - SEE DETAILS 1/A801 FOR ADDITIONAL INFORMATION.
4 5" CONCRETE CURB - COORDINATE EXACT LOCATION WITH FINAL EQUIPMENT LOCATIONS - SEE DETAILS 1/A801 FOR ADDITIONAL INFORMATION.
5 OUTLINE OF MOP SINK AS INDICATED.
6 EXISTING ROOF DRAIN LOCATION, PROTECT DURING CONSTRUCTION.
7 TENANT LEASE LINE
8 REMOVE EXISTING WALL (BY TENANT'S GC)
9 REMOVE EXISTING PICK-UP WINDOW (BY OWNER)
10 REMOVE EXISTING HOLLOW METAL DOOR, INFILL WITH NEW WALL TO MATCH EXISTING CONDITIONS. (BY TENANT'S GC)
11 EXISTING ALUMINUM 3'-0" DOOR TO BE REPLACED WITH STOREFRONT (BY OWNER)
12 EXISTING 8" DIAMETER VERTICAL ROOF DRAIN PIPE - DASHED LINE INDICATES ROOF DRAIN LINE BELOW JOIST @ 11'-0" AFF, PROTECT DURING SELECTIVE DEMOLITION - REMOVE ANY SURROUNDING FINISHES AND FURRING AND INSULATE AS REQUIRED.



CLIENT:

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PROJECT INFORMATION:

STORE NO.: 4953
"PORT HURON"
3962 24TH AVE, SUITE B
PORT HURON, MI 48060

SEAL:

STATE OF MICHIGAN
MATTHEW WILKUS
ARCHITECT
No. 1301065868
LICENSED ARCHITECT

August 20, 2024
MATTHEW M. WILKUS
LICENSE #1301065868
(EXPIRES 06/30/2026)

PROJECT NO. 2023-0101
DRAWN BY KDRB
CHECKED BY NSG / MMW

ISSUE RECORD:

03/21/2024	PERMIT SET
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07/11/2024	CONSTRUCTION SET

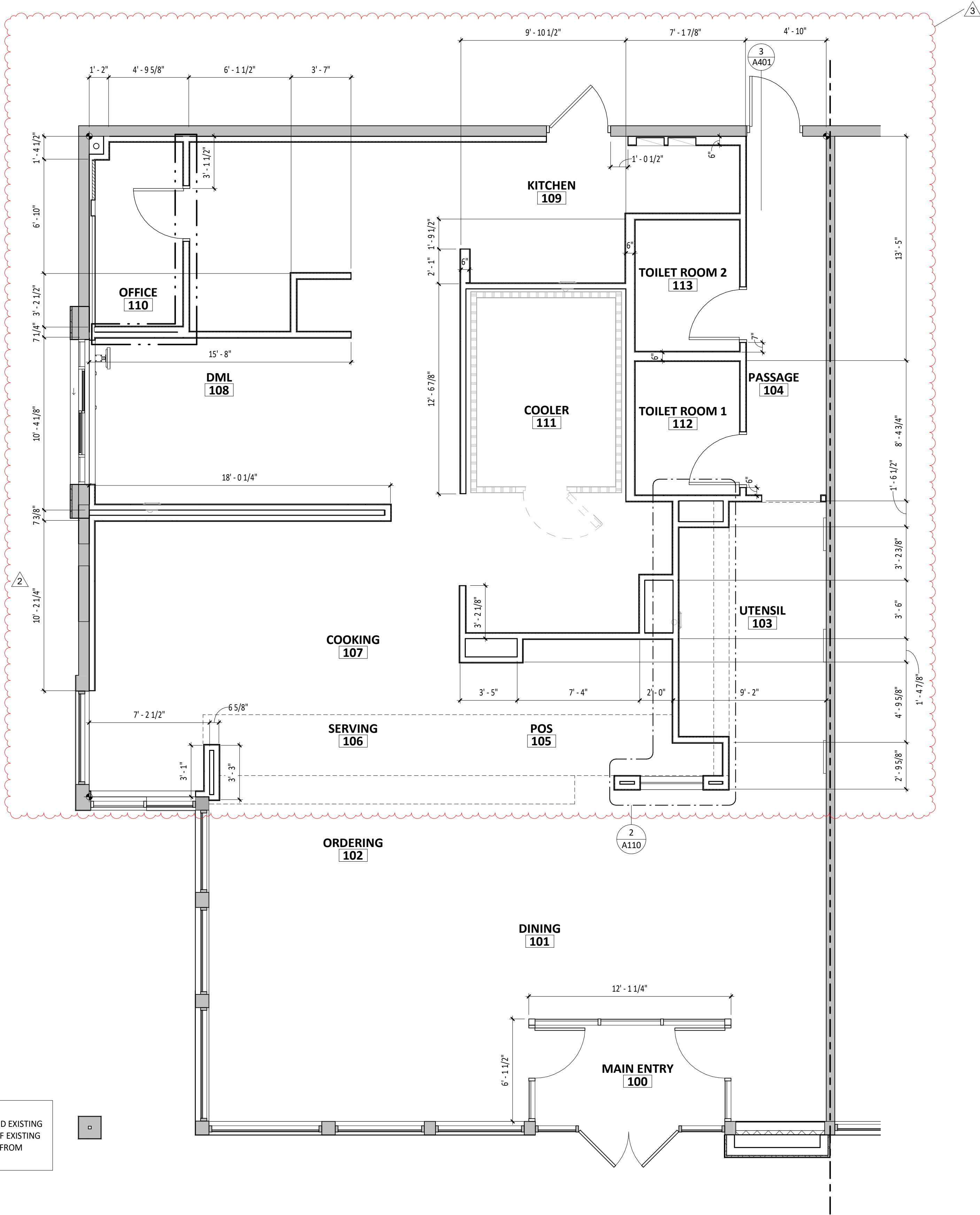
REVISIONS:

1	04.23.2024	PLAN REVIEW
3	08.20.24	CB01

TITLE:
SLAB WORK PLAN

SHEET NUMBER:
A101

NOTE:
ALL DIMENSIONS TO EXTERIOR AND EXISTING
WALLS ARE TO THE FINISH FACE OF EXISTING
GYP. BD. ALL DIMENSIONS TAKEN FROM
TARGET POINT U.N.O.



GENERAL NOTES - FLOOR PLAN

- A. ALL DIMENSIONS ARE TO FACE OF FRAMING, OR CENTERLINE OF STRUCTURE UNLESS NOTED OTHERWISE.
- B. ALL DIMENSIONS TO EXTERIOR OR EXISTING WALLS ARE TO THE FINISH FACE OF THE EXISTING GYP. BD.
- C. DASHED CIRCLE IN RESTROOM INDICATES 5'-0" TURNING DIAMETER REQUIRED BY ADA.
- D. REFER TO WALL FINISH LEGEND ON A120.
- E. 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.
- F. SEE SHEET A801 FOR ADDITIONAL SHEATHING BEHIND CERTAIN WALL FINISHES.
- G. SEE A601 FOR DOOR TYPES.
- H. TENANT'S GENERAL CONTRACTOR TO PERFORM LAYOUT OF ENTIRE SPACE PRIOR TO STARTING FRAMING AND REPORT ANY DISCREPANCIES 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.
- I. PROVIDE FULL HEIGHT BLOCKING IN WALL FOR ALL SHELVING, TYP.
- J. DENSISHIELD TILE BACKER BOARD SHALL NOT BE INSTALLED OVER VAPOR BARRIERS AT EXTERIOR WALLS.
- K. MOISTURE RESISTANT GYP. BD. SHALL BE USED IN RESTROOMS.
- L. ALL STUDS ARE 3 5/8" METAL STUDS UNLESS NOTED OTHERWISE ON PLAN.
- M. ALL INTERIOR DOORS ARE 4" OFF OF PERPENDICULAR WALL UNLESS NOTED OTHERWISE.

WALL TYPE LEGEND

NEW CONSTRUCTION	=====	INDICATES LOCATION OF ITEMS ABOVE	-----
EXISTING CONSTRUCTION	=====	DESIGNATES DEMISING WALL (BY OTHERS)	-----
NEW CONSTRUCTION WITH SOUND BATT INSULATION	=====	DESIGNATES WALLS & SHEATHING TO EXTEND TO DECK	-----
WALK-IN COOLER	=====		

CONSULTANT:



CLIENT:



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PORT HURON, MI 48060

SEAL:



August 20, 2024

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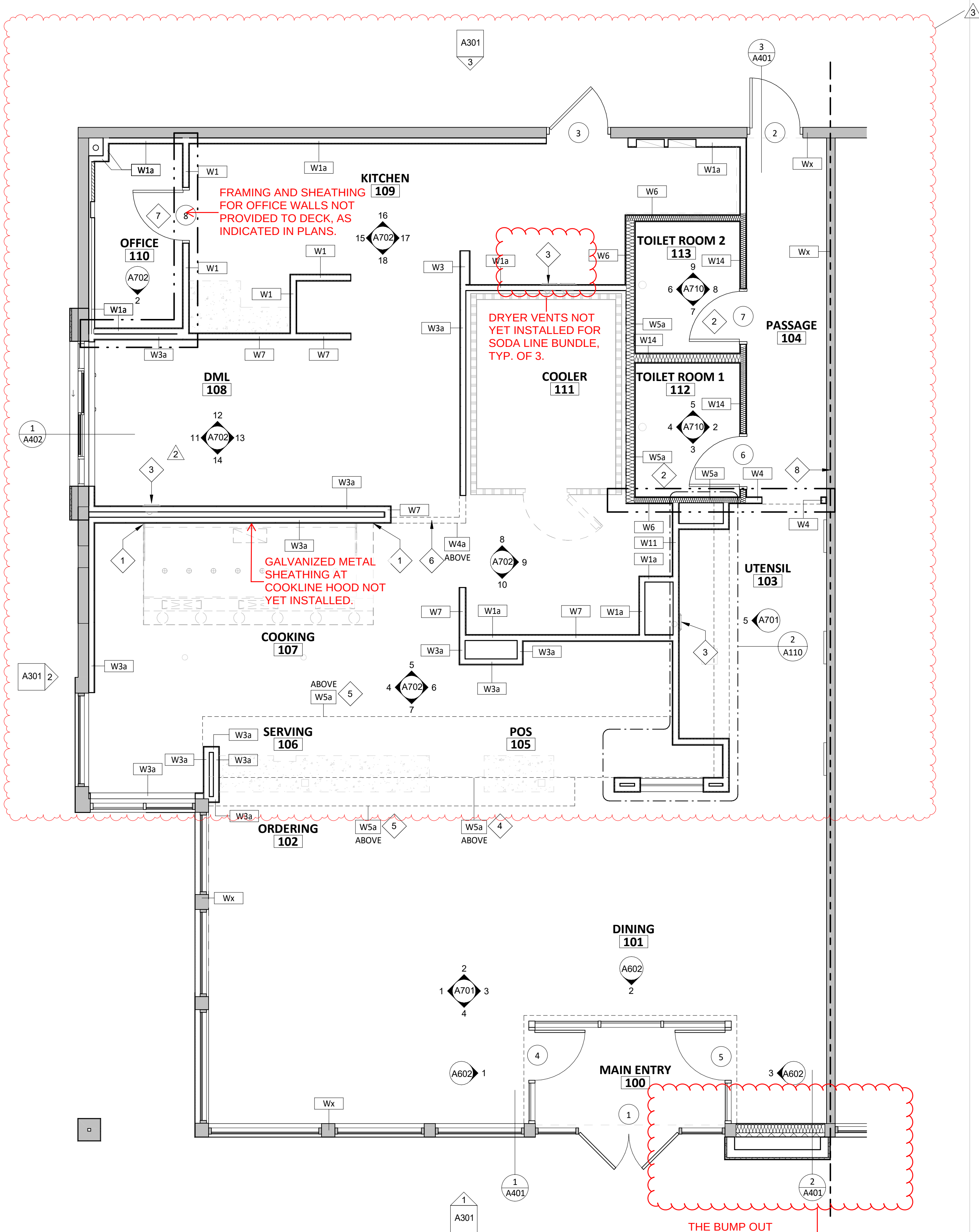
REVISIONS:
2 07.11.24 CONSTRUCTION SET
3 08.20.24 CB01

TITLE:

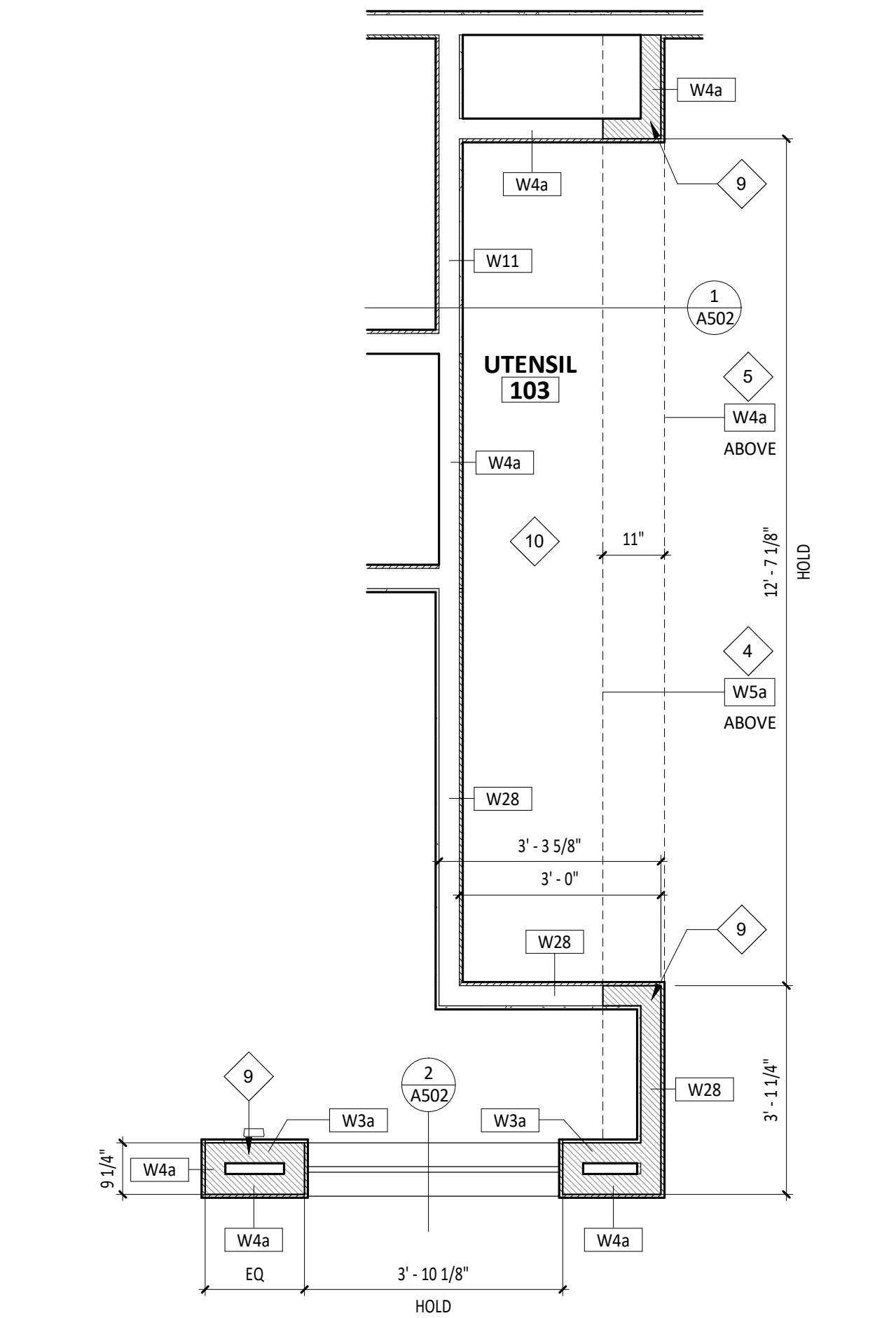
DIMENSIONED
FLOOR PLAN

SHEET NUMBER:

A109



1 ARCHITECTURAL FLOOR PLAN
SCALE: 1/4" = 1'-0"



2 ENLARGED UTENSIL/MOPUS PLAN
SCALE: 1/2" = 1'-0"

GENERAL NOTES - FLOOR PLAN

- ALL DIMENSIONS ARE TO FACE OF FRAMING, OR CENTERLINE OF STRUCTURE UNLESS NOTED OTHERWISE.
- ALL DIMENSIONS TO EXTERIOR OR EXISTING WALLS ARE TO THE FINISH FACE OF THE EXISTING GYP. BD.
- DASHED CIRCLE IN RESTROOM INDICATES 5'-0" TURNING DIAMETER REQUIRED BY ADA.
- REFER TO WALL FINISH LEGEND ON A120.
- 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.
- SEE SHEET A801 FOR ADDITIONAL SHEATHING BEHIND CERTAIN WALL FINISHES.
- SEE A601 FOR DOOR TYPES.
- TENANT'S GENERAL CONTRACTOR TO PERFORM LAYOUT OF ENTIRE SPACE PRIOR TO STARTING FRAMING AND REPORT ANY DISCREPANCIES 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.
- PROVIDE FULL HEIGHT BLOCKING IN WALL FOR ALL SHELVING, TYP.
- DENSSHIELD TILE BACKER BOARD SHALL NOT BE INSTALLED OVER VAPOR BARRIERS AT EXTERIOR WALLS.
- MOISTURE RESISTANT GYP. BD. SHALL BE USED IN RESTROOMS.
- ALL STUDS ARE 3 5/8" METAL STUDS UNLESS NOTED OTHERWISE ON PLAN.
- ALL INTERIOR DOORS ARE 4" OFF OF PERPENDICULAR WALL UNLESS NOTED OTHERWISE.

WALL TYPE LEGEND

NEW CONSTRUCTION	—————	INDICATES LOCATION OF ITEMS ABOVE	-----
EXISTING CONSTRUCTION	—————	DESIGNATES DEMISING WALL (BY OTHERS)	-----
NEW CONSTRUCTION WITH SOUND BATT INSULATION		DESIGNATES WALLS & SHEATHING TO EXTEND TO DECK	-----
WALK-IN COOLER			

KEYNOTE LEGEND

- WHERE GREASE EXHAUST HOOD INTERSECTS WALLS, PROVIDE 24 GAUGE GALVANIZED METAL FROM TOP OF WALL TO 18" PAST HOOD IN ALL DIRECTIONS.
- FOR ALL REQUIRED BLOCKING LOCATIONS, REFER TO ELEVATIONS ON A710.
- DRYER VENTS IN WALL FOR SODA LINES ROUTED ABOVE 4" PVC PIPES - REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
- DASHED LINES INDICATE LOCATION OF SOFFIT WALL TO DECK ABOVE - REFER TO A201 FOR ADDITIONAL INFORMATION.
- DASHED LINES INDICATE LOCATION OF SOFFIT ABOVE - REFER TO A201 FOR ADDITIONAL INFORMATION.
- DASHED LINES INDICATE LOCATION OF HEADER ABOVE - REFER TO A201 FOR ADDITIONAL INFORMATION.
- PROVIDE MOUNTING BOARDS FOR SECURITY SYSTEMS AND TELECOMS - REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- PROVIDE IN-WALL BLOCKING FOR LICENSE FRAME AS REQUIRED.
- HATCH LOCATED WITHIN WALLS AS SHOWN INDICATES THAT TOP OF FRAMING IS TO NOT EXCEED 10'-0" A.F.F.
- LOCATION OF UTENSIL COUNTER BY MILLWORK SUPPLIER - PROVIDE 18" BAND OF CONCEALED BLOCKING AND REFER TO A701

CONSULTANT:



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REVISIONS:
2 07.11.24 CONSTRUCTION SET
3 08.20.24 CB01

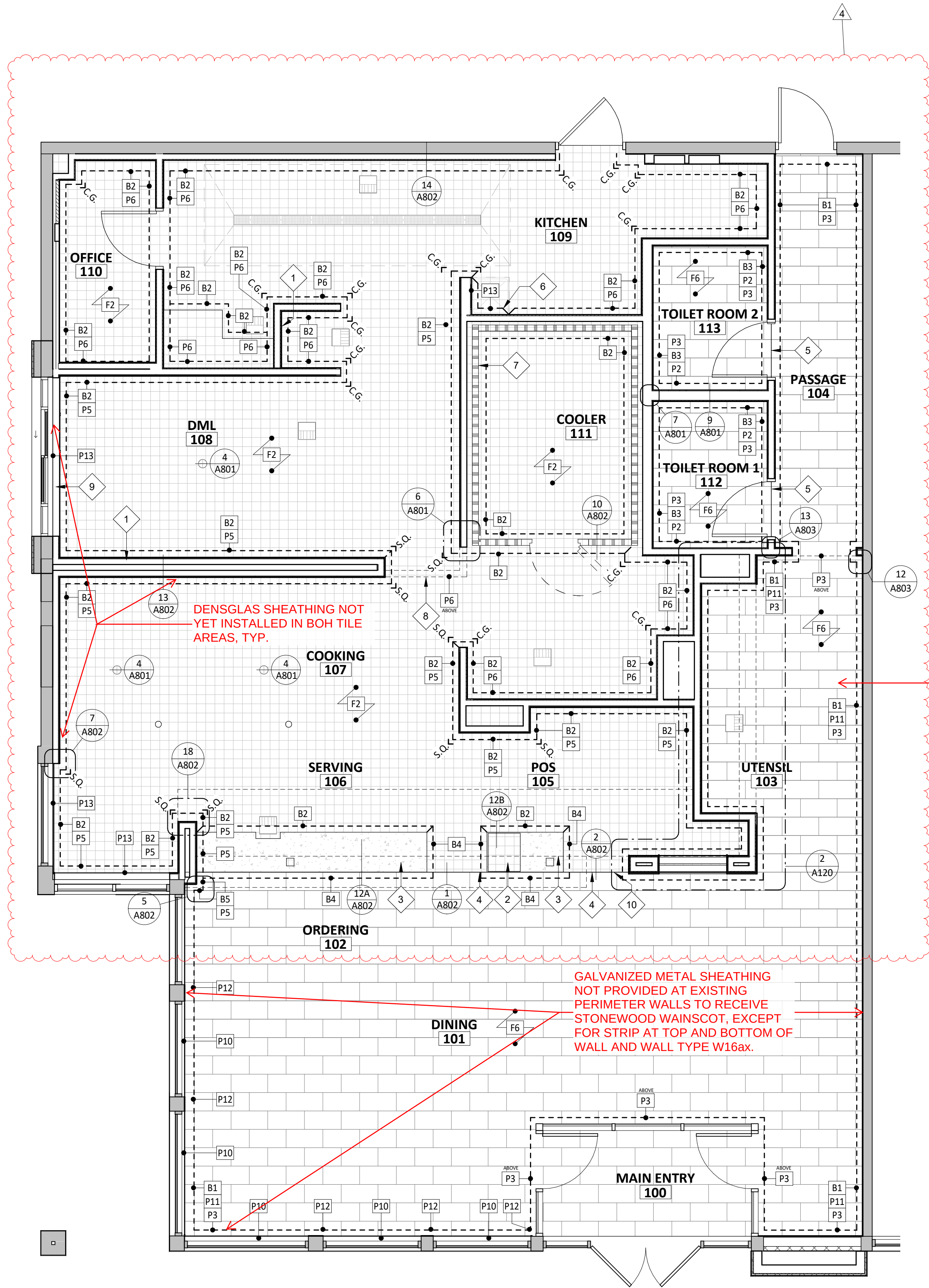
TITLE:
ARCHITECTURAL
FLOOR PLAN

SHEET NUMBER:

A110

1 FINISH PLAN

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



1 FURNITURE, FIXTURE, & EQUIPMENT PLAN

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

2 FURNITURE, FIXTURE & EQUIPMENT PATIO PLAN

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

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 MOVEABLE BACK-UP TRASH BINS FOR DINING AREA TRASH SURROUNDS - TYPICAL OF TWO (2).
2 MOVEABLE LINEN BINS WITH LID - TYPICAL OF FOUR (4).
3 ELECTRICAL PANEL LOCATION (BY OWNER) - SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
4 TELEPHONE BOARD ABOVE - REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
5 CHEMICAL CLEANING DISPENSING SYSTEM WITH INTEGRAL AIR GAP - REFER TO PLUMBING PLANS FOR ADDITIONAL INFORMATION.
6 BYPASS DISTRIBUTION PANEL - SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
7 OFFICE DESK AND SHELVING - REFER TO SHEET A702 AND ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
8 WATER FILTER ABOVE - REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
9 HOLD TRASH SURROUND OFF 2" AROUND ADJACENT WALL SURFACES - TYPICAL.
10 KRONOS TIMECLOCK WILL BE LOCATED 44" A.F.F. TO THE TOP OF UNIT - CENTER KRONOS UNIT IN WALL - REFER TO ELECTRICAL DRAWINGS.
11 ANSUL PULL TO BE LOCATED 48" A.F.F. TO THE CENTER OF UNIT ABOVE THE TIMECLOCK LOCATION.
12 CO2 REMOTE FILLER - VERIFY FINAL LOCATION WITH TENANT'S CONSTRUCTION MANAGER.
13 EXISTING HOSE BIBB - REFER TO PLUMBING PLANS FOR ADDITIONAL INFORMATION.
14 SOFFIT ABOVE
15 CUSTOM ARTWORK PANELS BY TENANT, TYPICAL OF THREE (3), INSTALLED BY TENANT'S GENERAL CONTRACTOR.



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PROJECT INFORMATION:

STORE NO.: 4953
"PORT HURON"
3962 24TH AVE, SUITE B
PORT HURON, MI 48060

SEAL:



August 20, 2024

MATTHEW M. WILKUS
LICENSE #1301065868
(EXPIRES 06/30/2026)

PROJECT NO. 2023-0101
DRAWN BY KDRB
CHECKED BY NSG / MMW

ISSUE RECORD:
03/21/2024 PERMIT SET
05/03/2024 BID SET
07/11/2024 CONSTRUCTION SET

REVISIONS:
1 04.23.2024 PLAN REVIEW
2 07.11.24 CONSTRUCTION SET
3 08.20.24 CB01

TITLE:

FF&E PLAN

SHEET NUMBER:

A130

KITCHEN EQUIPMENT LIST

TAG	DESCRIPTION	MANUFACTURER	MODEL NO.	QTY	FURNISHED BY	INSTALLED BY	ELEC	GAS	WATER	SEWER	REMARKS
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	Defield	12 Pan Serve Line POS RTD_241x38.Sin (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	1	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	Defield	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-RGC-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	4	KES	GC				•	Provide Plywood Blocking To Mount To Wall
24.5	Kitchen Hand Sink Faucet Splash Mount	T&S	B-1146-04-CR-VF10	4	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	WST18795	1	KES	KES					Mount bottom of Standard At 56" AFF. Provide Plywood Blocking
30.2	Shelving System - Dish Table	Amco	WST18795	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-5FZ	1	KES	KES	•				Condensing Units To Be Secured To The Roof Per Code By GC
32.1B	Ice Maker - Remote Condenser	Hoshizaki	URC-9FZ	1	KES	KES	•				Condensing Units To Be Secured To The Roof Per Code By GC
32.1E	Ice Maker - Remote Condenser	Scotsman	ERC111-1	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	Cuno	Bev 190	3	KES	KES			•		
32.4	Ice Maker - Scale Inhibitor	Cuno	CF5440-HT	3	KES	KES			•		
32.5	Ice Maker - Sanitizer	RGF	IMSB	3	TUV	GC	•				Refer To Installation Guide. When Installed At Utensil Counter, Mount Below Counter In Accessible Location. Refer To Plumbing Drawings.
32A	Ice Maker For B.O.H. Ice Bin (Shorter)	Hoshizaki	KML-700MRJZ	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-530MRJZ	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	WC'S	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					
35.1	Dry Storage Racks 23x48x85in	Varies	Custom	1	KES	KES					Mount Bottom Of Standard At 12" AFF. Provide Plywood Blocking To Mount To Wall.
35.3	Dry Storage Racks 23x144x85in	Varies	Custom	1	KES	KES					Mount Bottom Of Standards 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	Custom Prep Table	Select Stainless	CUSTOM PREP TABLE	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
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 - Chipotleane	Trimark	TS-36x92.5x36	1	KES	GC	•			•	
61B	Dish Machine (w/Pump)	Hobart	AM165CB	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					
69B	M4.0 - Simplicity Bubbler Mini-Quad	Crathco	CS-4E-16	1	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					

MISC. EQUIPMENT LIST

TAG	DESCRIPTION	QTY	BY	D BY	ELEC	GAS	WATER	SEWER	REMARKS
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.
8B	Gas Water Heater	1	WHS	GC	•	•	•	•	Drain Water Heater to Floor Sink, RE: Mech.
9	Mop Sink, See Plumbing Drawings	1	GC	GC			•	•	See Plumbing Drawings
10	Touch-Free Soap Dispenser	4	WA	GC					
10.1	Hand Sanitizer Dispenser	5	WA	GC					
10.2	Hand Sanitizer Stand	1	WA	GC					
11	Paper Towel Dispenser, Bobrick B262	4	WA	GC					Provide Plywood Blocking to Mount to Wall
12	First Aid Kit	1	T	GC					Confirm Location With Chipotle CM Prior To Installation
13C	M4.0 - Artwork Panel - Carved Rice Board	1	TAS	GC					Provide Plywood Blocking to Mount to Wall
14	License Frame	1	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.
17	Window Shades	5	WS	WS					See Sheet A130 For Location & Size (When Used)
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	2	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
30	Lockers - 2 Wide x 5 High	1	KES	GC					
31A	21inx31in Menu System	1	TMB	GC					
33A	M4.0 - Pick-Up Sign - Single Faced - Flush Mounted - Face	1	TSV	GC					

FURNITURE LIST

TAG	DESCRIPTION	QTY	FURNISHED BY	INSTALLED BY	ELEC	GAS	WATER	SEWER	REMARKS
1E	M4.0 - Table 24x24in - Rectangular Base	2	TMS	GC					
1F	M4.0 - Table 24x42in, Rectangular Base (Accessible)	5	TMS	GC					See Detail On A130
1H	M4.0 - Community Table - Low - Window - Length Varies	2	TMS	GC					
2C.1	M4.0 - Bar Height Table 8-Top, With Footrest	2	TMS	GC					One Coat Hook Per Two Seats, Confirm Mounting Location With Shop Drawings
3C.1	M4.0 - Dining Room Chair	14	TMS	GC					
3D	M4.0 - Marshmallow Stool - Fixed	6	TMS	GC					Align Seat With Seam Perpendicular To Table Edge
3E	M4.0 - Bar Stool - Fixed	16	TMS	GC					Align Seat With Seam Perpendicular To Table Edge
4P.1	Banquette Bench (Black) - Floor Mount	2	TMS	GC					
6C	M4.0 - Beverage Counter - With Trash - 4" Splash - 149"	1	TMS	GC				•	Coordinate Floor Drain Installation with Utensil Counter Installation, Bins Provided by Tundra in Smallwares Package
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
14C	M4.0 - 3 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)
17A.2	MOPUS Shelving - 44"	1	TMS	GC					GC To Provide Blocking In Walls At The Ends Of The MOPUS Shelf To Secure Shelves, Wood Edge Of The Shelves To Face The Dining Room

CONSULTANT:



CLIENT:



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"PORT HURON"
3962 24TH AVE, SUITE B
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August 20, 2024

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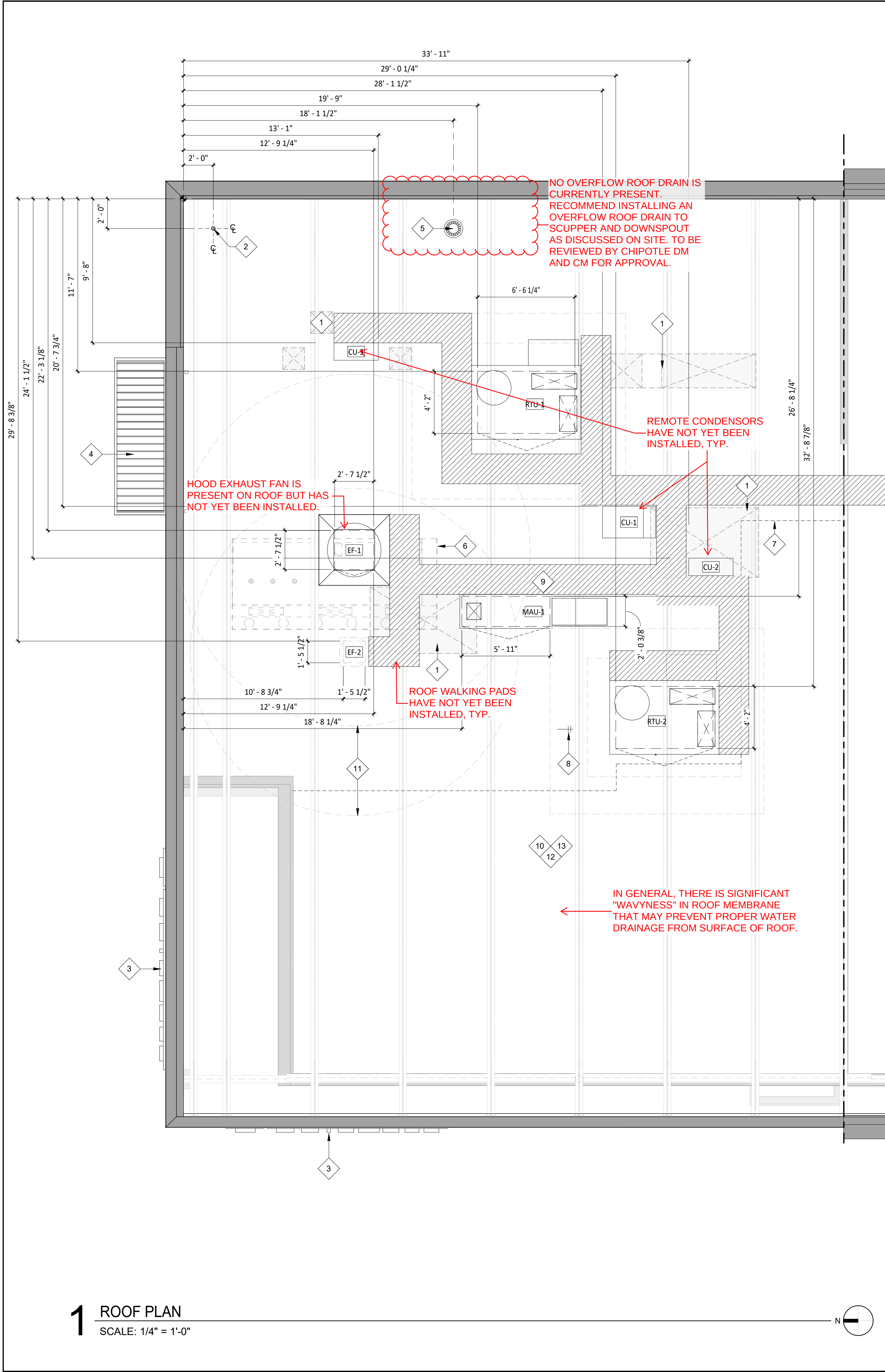
REVISIONS:

TITLE:

FF&E SCHEDULES

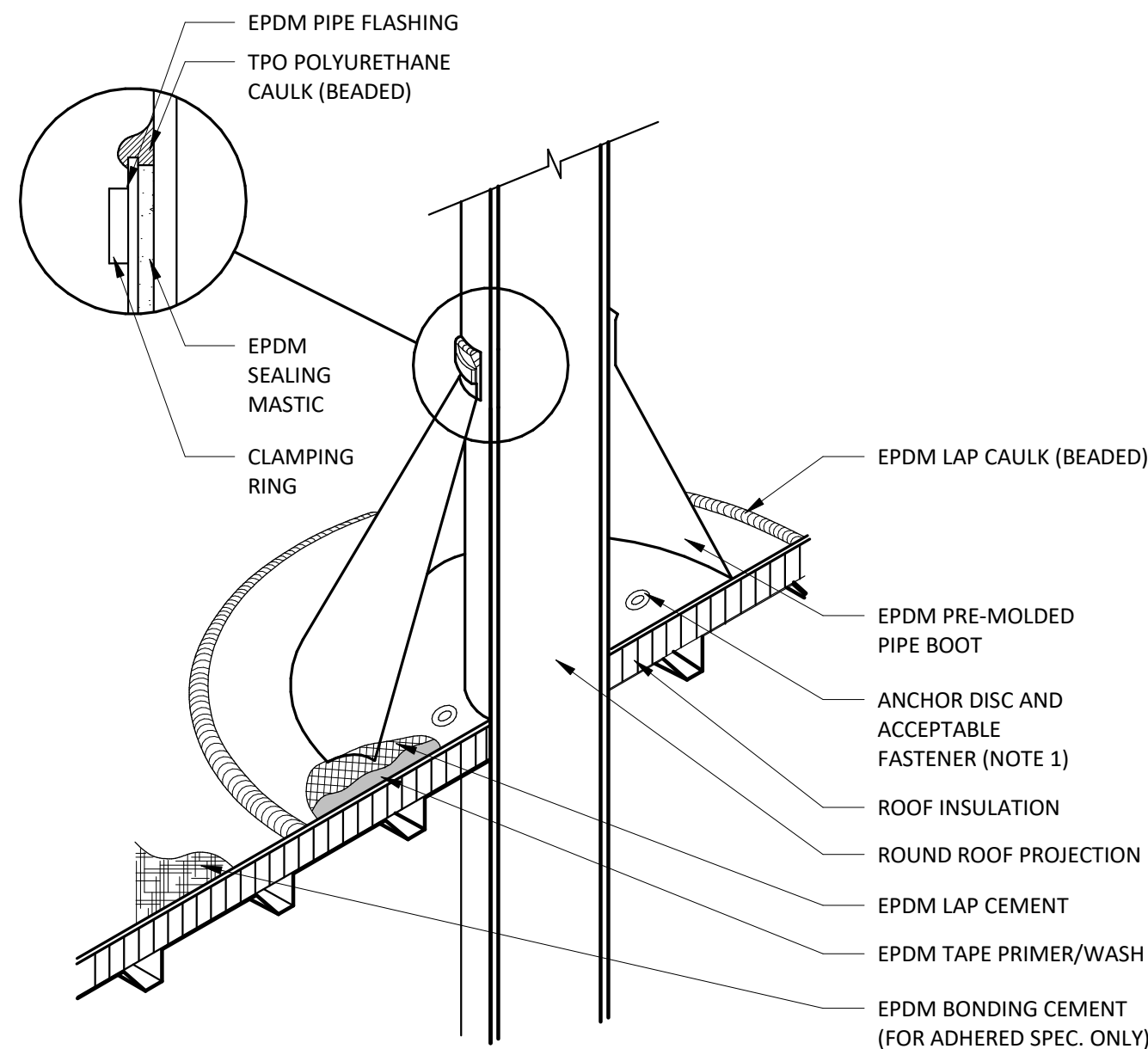
SHEET NUMBER:

A131



HVAC EQUIPMENT

DESCRIPTION	FURNISHED BY	INSTALLED BY	ELEC	UTILITY			REMARKS
				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.

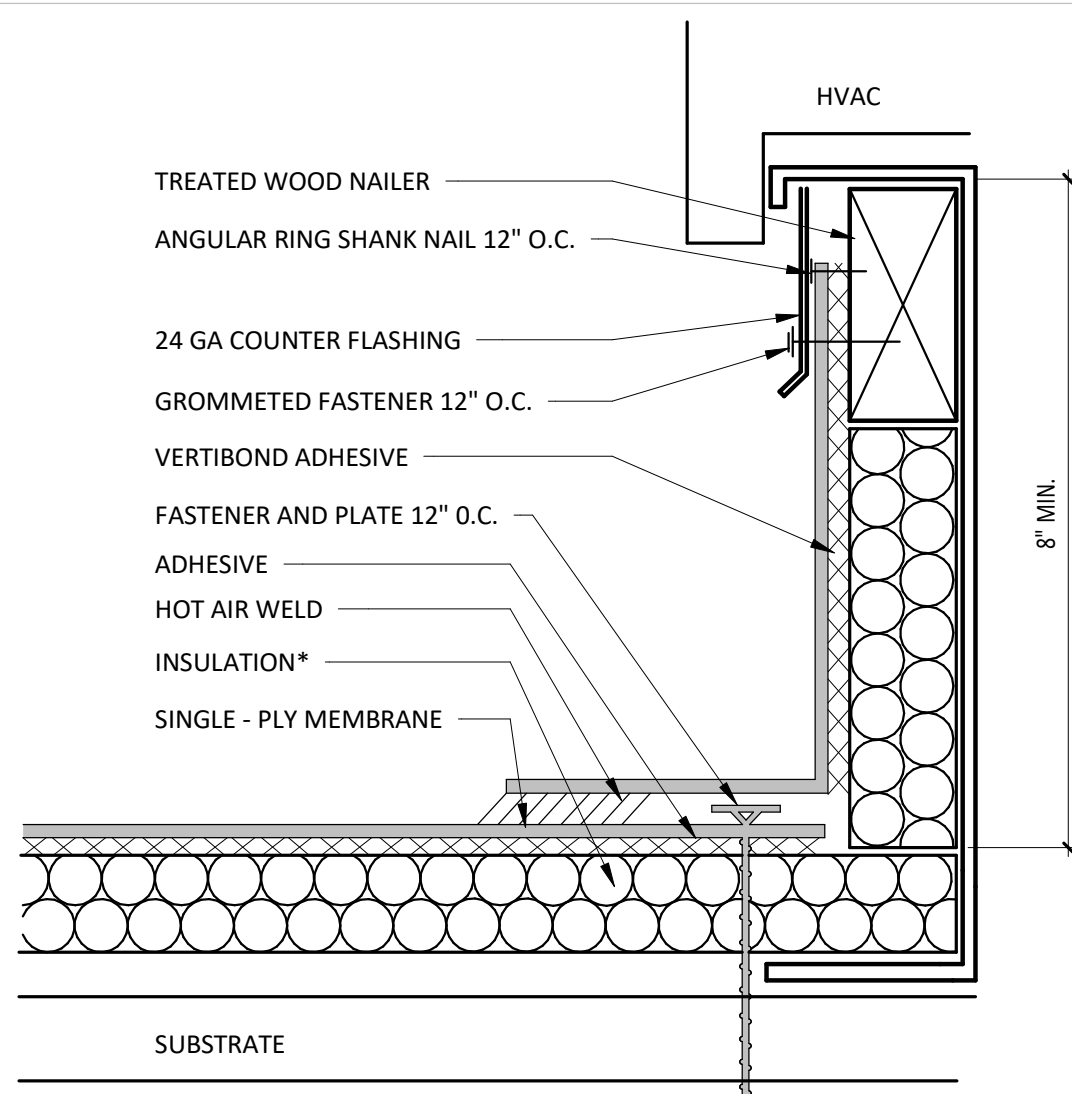


NOTE:

- 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).
- DO NOT OVERLAP THE FLANGES FROM ADJACENT PIPE FLASHINGS.
- ANY SEAM UNDER BOOT FLANGE TO BE TREATED AS T-JOINT.
- 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:

- INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
- DO NOT SCALE DRAWINGS.
- USE PREFABRICATED OUTSIDE CORNERS.
- INSULATION MUST BE SECURELY FASTENED.
- *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

- SEE STRUCTURAL DRAWINGS FOR LOCATIONS AND SIZE OF STRUCTURAL ROOF REINFORCEMENTS.
- SEE MECHANICAL PLANS FOR ROOF TOP EQUIPMENT.
- COORDINATE ALL ROOF PENETRATIONS, FLASHING, AND REPAIR W/ CHIPOTLE CONSTRUCTION MANAGER PRIOR TO COMMENCEMENT OF WORK - SEE 2/A140
- 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.
- 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.
- SEE M700 FOR PENETRATION DETAILS AT RTUS AND THE EXHAUST FAN.
- PROVIDE INSULATED CURBS FOR ALL EQUIPMENT IN EXPOSED DECK AREA ONLY - SEE 3/A140
- ALL UNUSED ROOFTOP EQUIPMENT TO BE REMOVED. PATCH ROOF AS NECESSARY.
- PROVIDE TAPERED INSULATED CRICKET AT ALL EQUIPMENT CURBS.
- LOCATE ALL UNITS SO DUCT DROPS BETWEEN TRUSS JOISTS. NOTIFY ARCHITECT IMMEDIATELY IF ANY UNITS NEED TO SHIFT FROM PLAN LOCATION SHOWN.

KEYNOTE LEGEND

- OWNER GENERAL CONTRACTOR TO REMOVE EXISTING EQUIPMENT IN ITS ENTIRETY WHERE INDICATED AND INFILL, CAP AND SEAL OPENINGS AS REQUIRED.
- THROUGH-ROOF CONDUIT FOR CELL BOOSTER - REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION. (BY TENANT'S GC)
- SIGNAGE BY TENANTS VENDOR - TENANT GENERAL CONTRACTOR TO PATCH AND REPAIR ADJACENT WALL AS REQUIRED FOR SIGN INSTALLATION - TENANT GENERAL CONTRACTOR TO COORDIANTE SIGNAGE PENETRATIONS WITH SIGNAGE VENDOR.
- CANOPY BELOW (BY OWNER) - REFER TO EXTERIOR ELEVATIONS.
- EXISTING ROOF DRAIN LOCATION - TENANT GENERAL CONTRACTOR IS RESPONSBLE OF SNAKE CLEANING PRIOR TO BUILDING TURNOVER.
- DASHED LINE INDICATES LOCATION OF HOOD SYSTEM BELOW.
- HIDDEN LINE INDICATES SOFFIT LOCATION BELOW IN WHICH TERMINATES TO UNDERSIDE OF EXISTING DECK.
- ROOF HYDRANT (BY TENANT'S GC) - REFER TO PLUMBING FOR ADDITIONAL INFORMATION.
- ROOF TOP WALKING PADS PER MANUFACTURERS RECOMMENDATIONS - TYPICAL. (BY TENANT'S GC)
- GENERAL CONTRACTOR TO CLEAN ROOF OF ALL CONSTRUCTION DEBRIS AT PROJECT COMPLETION.
- 10'-0" RADIUS CLEARANCE FOR FRESH AIR INTAKES - REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- EXISTING ROOFING SYSTEM AND RIGID INSULATION - PATCH AND REPAIR AS REQUIRED, REFER TO SPECIFICATIONS. (BY TENANT'S GC)
- EXISTING STRUCTURE BELOW, REFER TO STRUCTURAL DRAWINGS.

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PROJECT INFORMATION:

STORE NO.: 4953
"PORT HURON"
3962 24TH AVE, SUITE B
PORT HURON, MI 48060

SEAL:



August 20, 2024

MATTHEW M. WILKUS
LICENSE #1301065868
(EXPIRES 06/30/2026)

PROJECT NO. 2023-0101
DRAWN BY KDRB
CHECKED BY NSG / MMW

ISSUE RECORD:
03/21/2024 PERMIT SET
05/03/2024 BID SET
07/11/2024 CONSTRUCTION SET

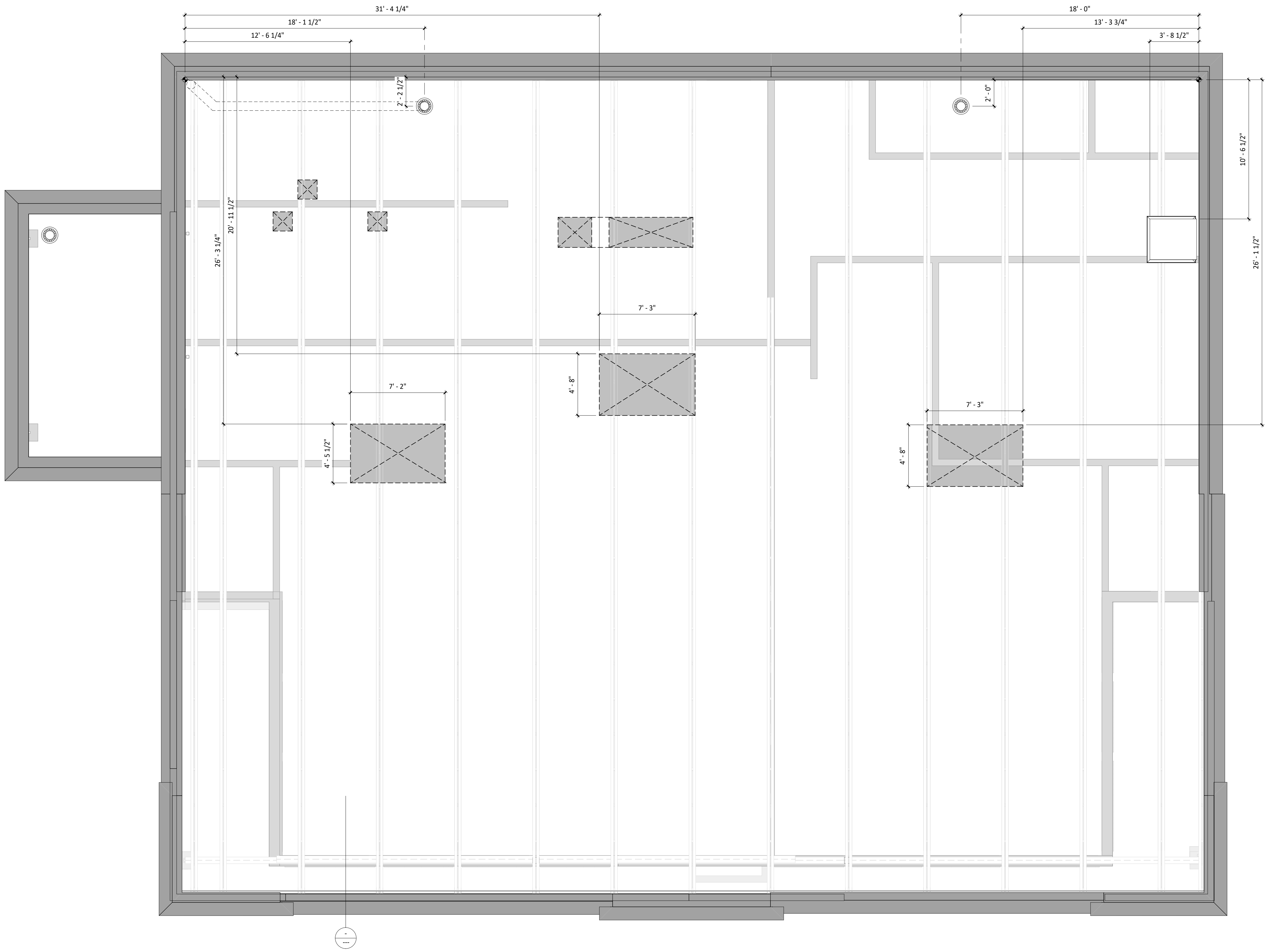
REVISIONS:

TITLE:

ARCHITECTURAL
ROOF PLAN

SHEET NUMBER:

A140



1 EXISTING ROOF PLAN
SCALE: 1/4" = 1'-0"

CONSULTANT:



WILKUS
ARCHITECTS

CLIENT:



CHIPOTLE MEXICAN GRILL, INC.
PO BOX 18296
COLUMBUS, OH 43218-2968
TELEPHONE: (614) 315-2452
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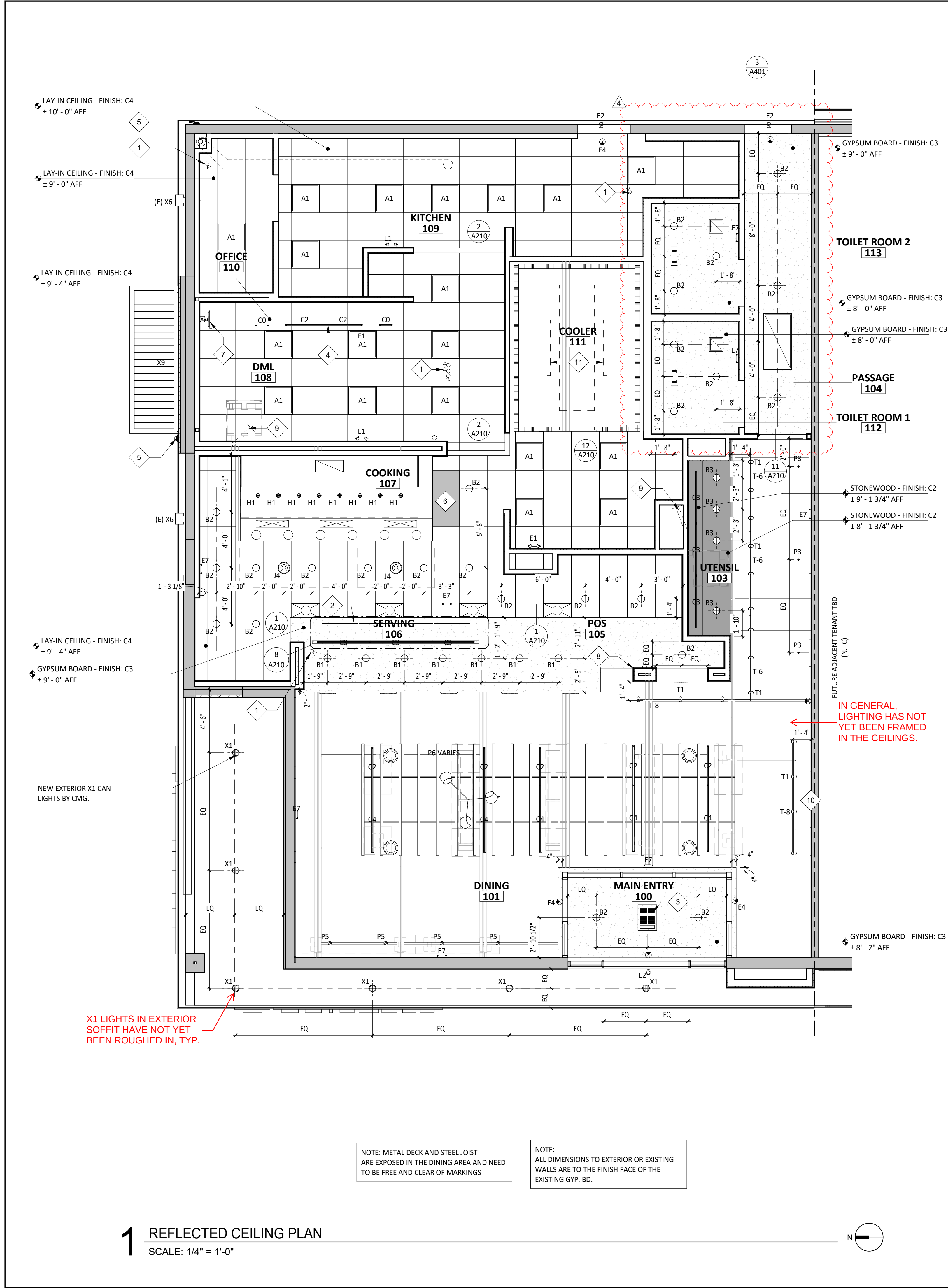
REVISIONS:

TITLE:

EXISTING ROOF
PLAN

SHEET NUMBER:

A141



LIGHTING FIXTURE SCHEDULE GENERAL NOTES - RCP

ITEM #	MOUNT	DESCRIPTION	REMARKS
EXISTING			
(E) X6	WALL	WALL PACK BY LANDLORD	SEE SHEET E100
NEW			
A1	LAY-IN	2x2 LED LENSED TROFFER	SEE SHEET E100
B1	CEILING	RECESSED GIN CAN LIGHT	SEE SHEET E100
B2	CEILING	RECESSED GIN CAN LIGHT	SEE SHEET E100
B3	CEILING	M4.0 - RECESSED GIN 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
E2	VARIOUS	EMERGENCY LIGHT - SINGLE HEAD	SEE SHEET E100
E4	VARIOUS	WHITE EXIT LIGHT - STANDARD RED LETTERS	SEE SHEET E100
E7	VARIOUS	EMERGENCY LIGHT - DUAL HEAD	SEE SHEET E100
G4	FLOOR	PATIO LIGHT POLE	SEE SHEET E100
H1	SURFACE	VAPOR PROOF HOOD LIGHT	SEE SHEET E100
J4	PENDANT	M4.0 - PENDANT LIGHT	SEE SHEET E100
P3	WALL	ACCENT LIGHT - ARTWORK LIGHT FIXTURE	SEE SHEET E100
P5	PENDANT	PENDANT LIGHT	SEE SHEET E100
P6	PENDANT	M4.0 - MULTI-PENDANT LIGHT	SEE SHEET E100 & A701
T1	TRACK	TRACK LIGHTING HEAD	SEE SHEET E100
T-6	SUSPENDED	M4.0 - TRACK 6'	SEE SHEET E100
T-8	SUSPENDED	M4.0 - TRACK 8'	SEE SHEET E100
X1	EXTERIOR CAN	EXTERIOR RECESSED CAN	SEE SHEET E100
X9	SURFACE	LED CHANNEL LIGHT	SEE SHEET E100

- 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 COURSEING 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 ENVISION 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	LINE OF SUSPENDED MENU BOARD SYSTEM.
3	LOCATION OF CEILING MOUNTED VESTIBULE HEATER - REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
4	UNDERSHELF TASK LIGHTING - REFER TO ELECTRICAL SHEETS FOR ADDITIONAL INFORMATION.
5	EXTERIOR SECURITY CAMERA LOCATIONS - TYPICAL OF TWO (2).
6	PROVIDE FREE AND CLEAR ACCESS TO HOOD AS REQUIRED - GENERAL CONTRACTOR TO COORDINATE WITH ALL TRADES TO MAINTAIN.
7	LOCATION OF MONITOR BY TENANTS VENDOR.
8	HOLD SOFFIT FRAMING SO GYPSUM SOFFIT FINISH DOESN'T OVERLAP WALL FINISH ON BOX BELOW - REFER TO FINISH PLAN FOR ADDITIONAL INFORMATION.
9	4" PVC PIPES STUBBED ABOVE CEILING FOR SODA BUNDLE - REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
10	CENTER TRACK LIGHTING ON ARTWORK.
11	STRIP LIGHTING FOR COOLER PROVIDED BY COOLER MANUFACTURER - GENERAL CONTRACTOR TO PROVIDE ROUGH-IN AND FINAL HOOK-UP.

SECURITY DEVICE SCHEDULE

DESCRIPTION	QTY	FURNISHED BY	INSTALLED BY	ELEC	UTILITIES	REMARKS
SECURITY MONITOR	2	SSS	SSS	•	GAS SEWER WATER	
SECURITY ALARM - MOTION DETECTORS	2	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	2	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

CONSULTANT:



CLIENT:

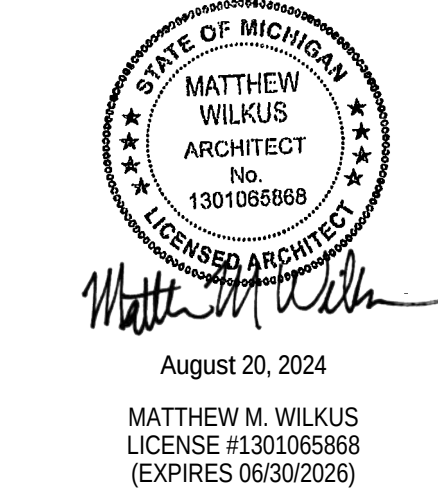


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05/03/2024 BID SET
07/11/2024 CONSTRUCTION SET

REVISIONS:
1 04.23.2024 PLAN REVIEW
4 08.13.24

TITLE:

REFLECTED
CEILING PLAN

SHEET NUMBER:

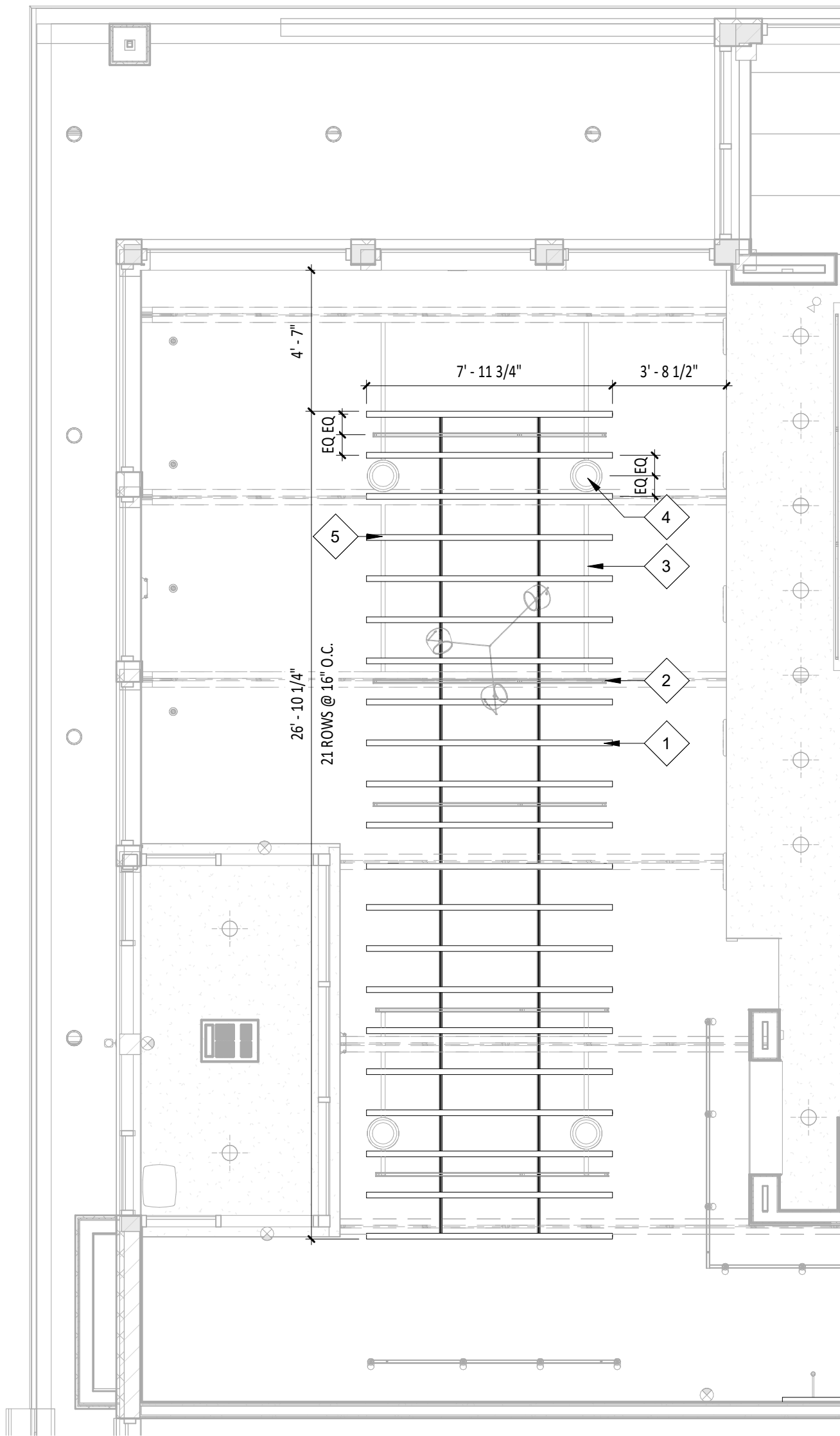
A201

GENERAL NOTES - RCP

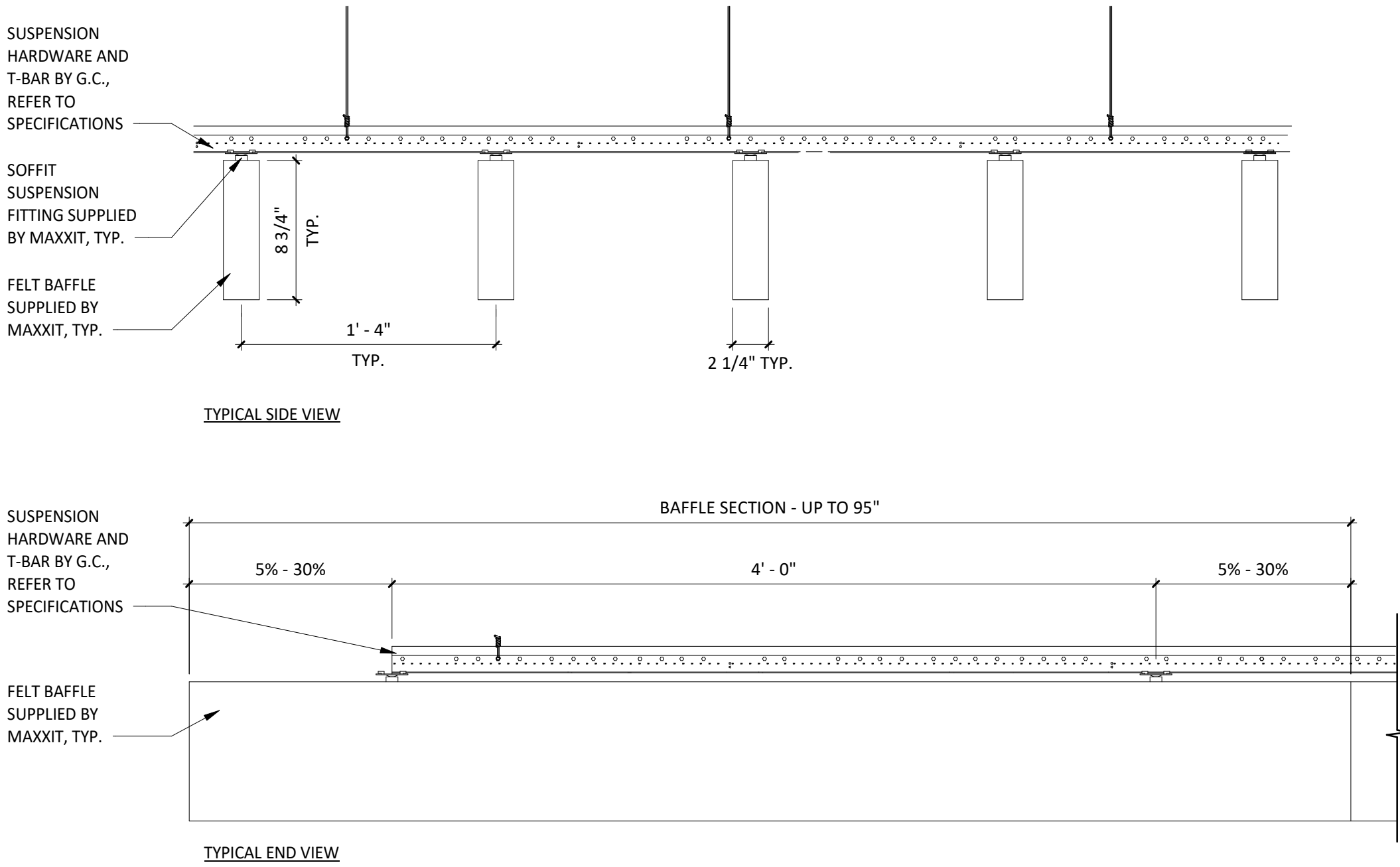
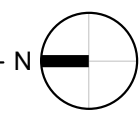
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- Y. REFER TO A120 FOR FINISH LEGEND.

KEYNOTE LEGEND

1	FELT BLADE - SLAT CEILING
2	CENTER LIGHT FIXTURE BETWEEN FELT BAFFLES AS INDICATED - REFER TO DETAIL 4/A211 FOR ADDITIONAL INFORMATION.
3	UNISTRUT FOR SPEAKER LOCATIONS - REFER TO 6/A210 FOR ADDITIONAL INFORMATION.
4	CENTER SPEAKER BETWEEN FELT BAFFLES AS INDICATED.
5	ATTACH UNISTRUT TO TOP OF BOTTOM CORD OF EXISTING JOIST STRUCTURE - REFER TO A210 FOR ADDITIONAL INFORMATION.



1 SLAT CEILING PLAN
SCALE: 1/4" = 1'-0"



2 FELT BAFFLE LAYOUT
SCALE: 1 1/2" = 1'-0"

CONSULTANT:



CLIENT:



CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182966
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2682
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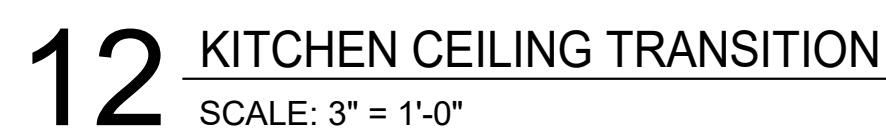
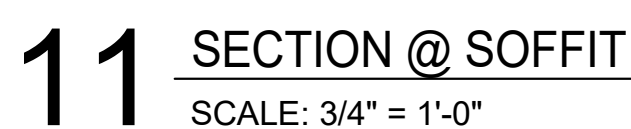
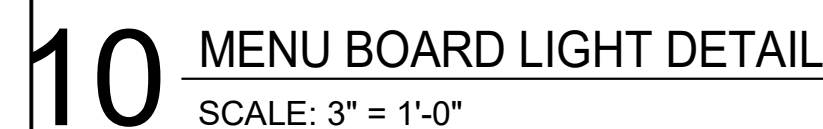
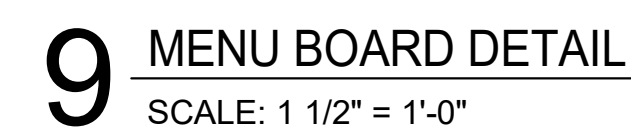
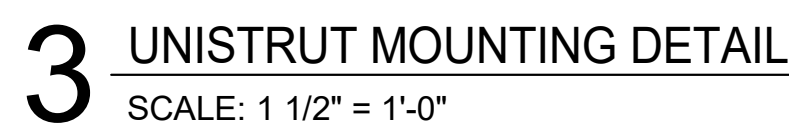
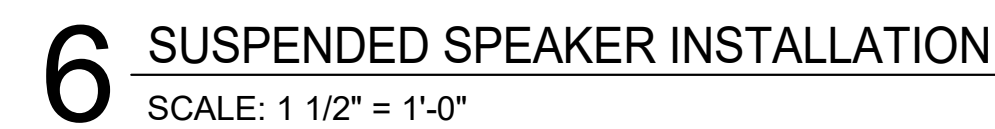
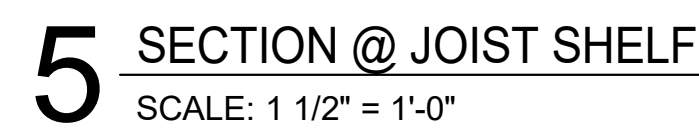
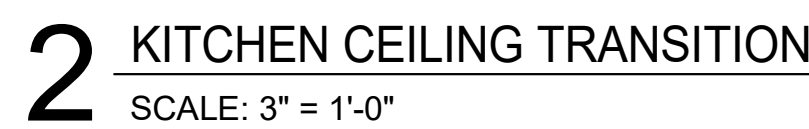
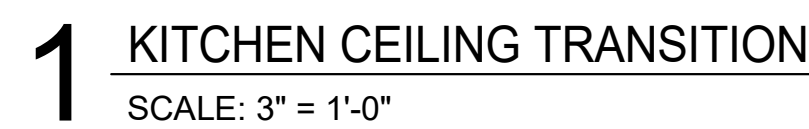
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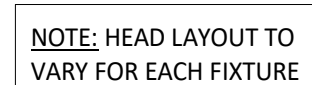
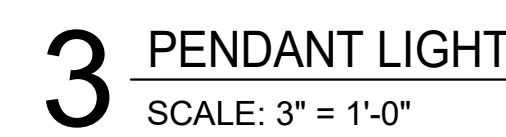
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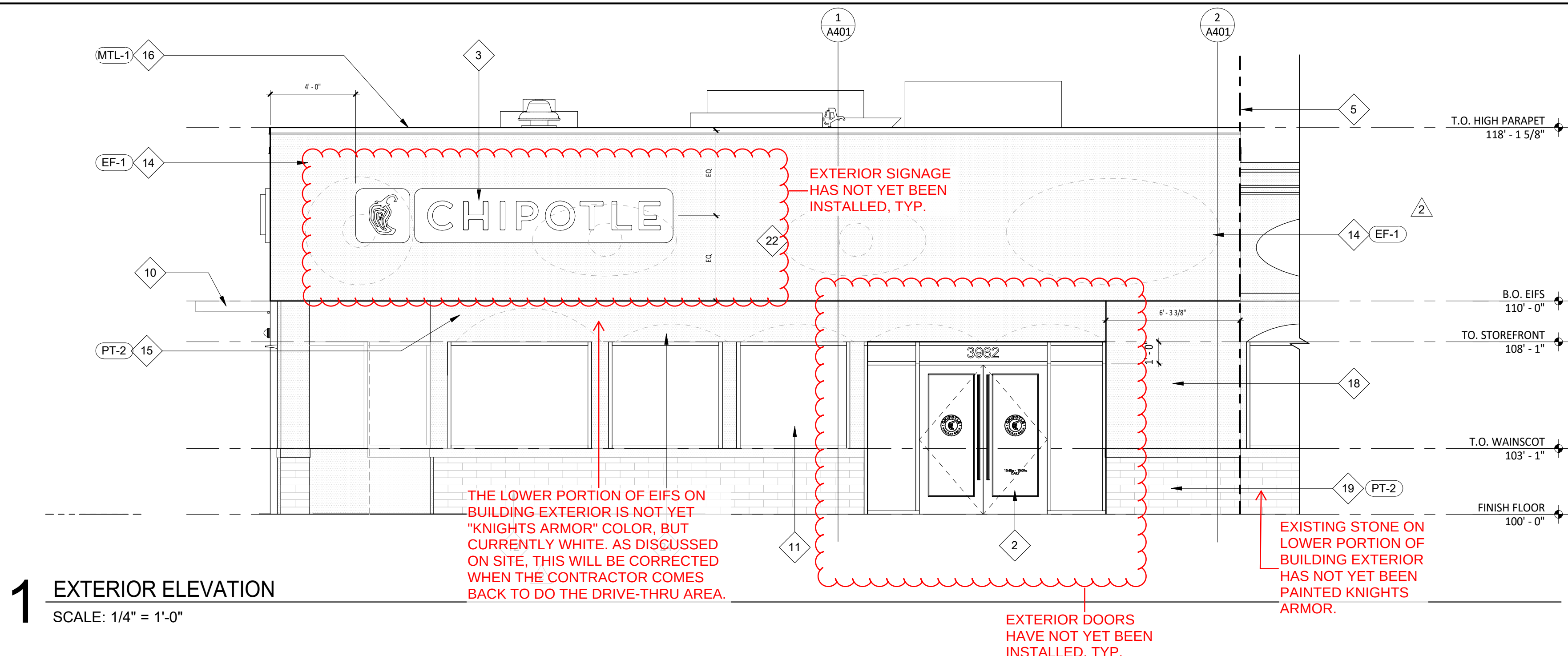
ENLARGED CEILING
PLAN

SHEET NUMBER:

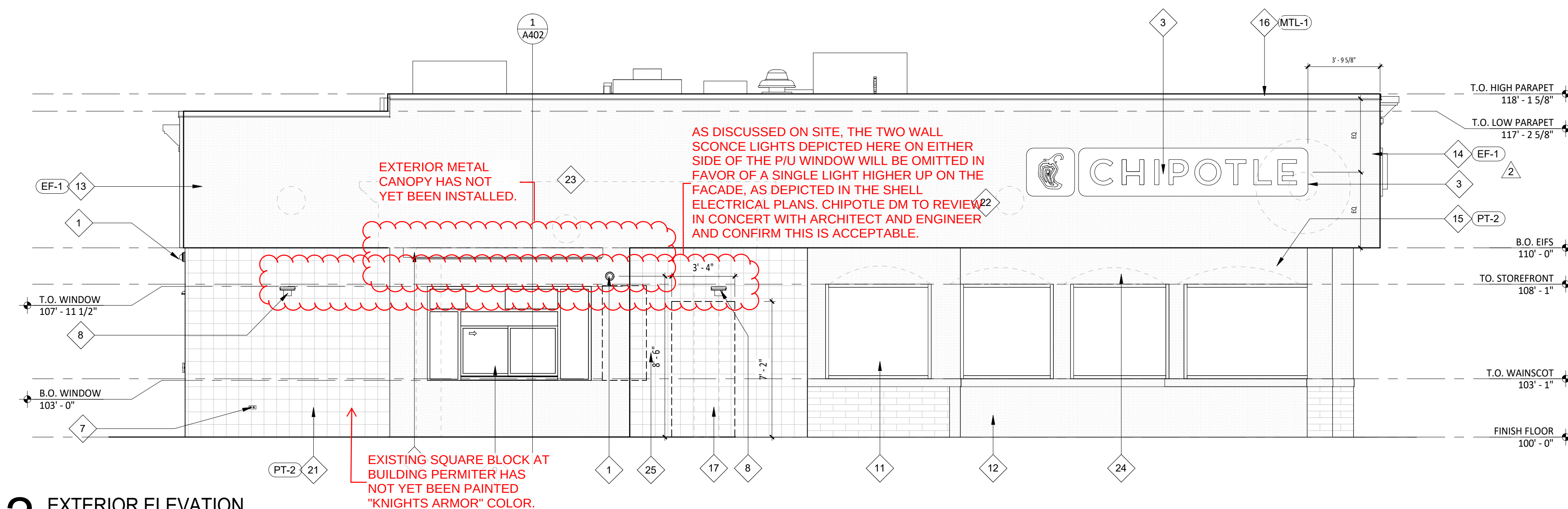
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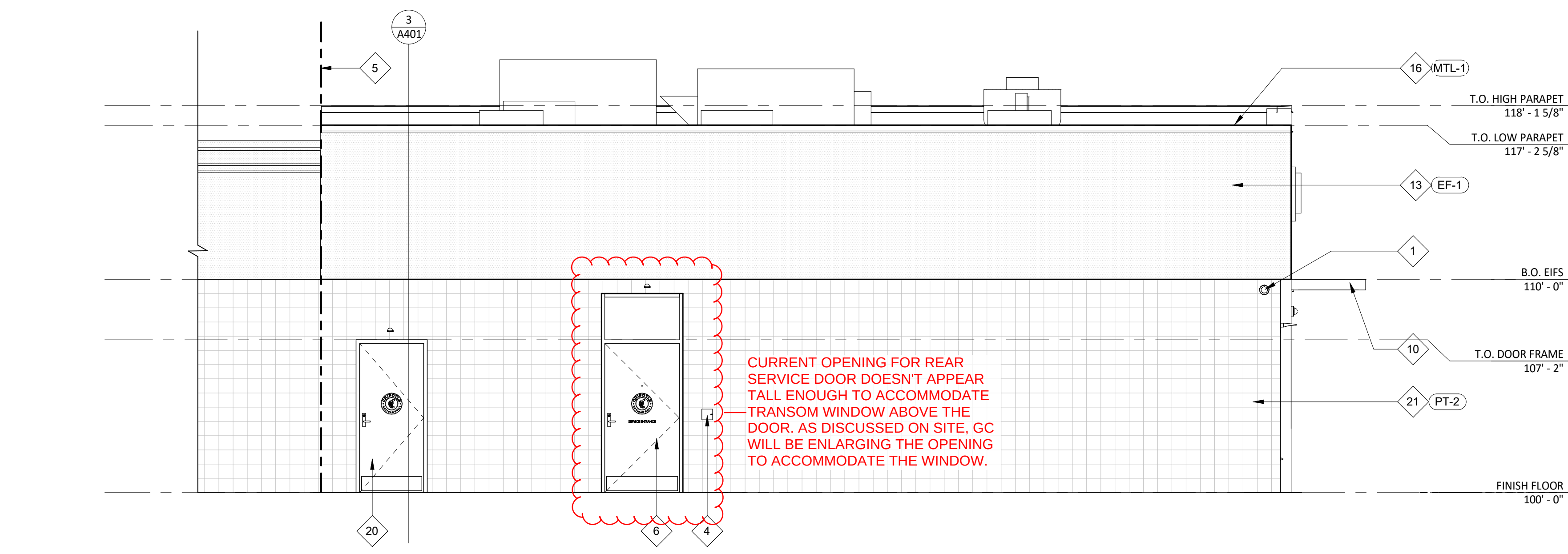




1 EXTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



2 EXTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



3 EXTERIOR ELEVATION
SCALE: 1/4" = 1'-0"

GENERAL NOTES - EXT. ELEV.

A. SIGNAGE IS SHOWN ONLY FOR PLACEMENT AND SCALE. ALL SIGNAGE FOR REVIEW UNDER SEPARATE PERMIT, NOT PART OF THIS PERMIT SET.

B. EXTERIOR SIGNAGE PROVIDED BY TSV AND INSTALLED BY TSV. GC TO MAKE FINAL CONNECTION.

KEYNOTE LEGEND

1	LOCATION OF SECURITY CAMERAS TO BE INSTALLED BY TENANT GENERAL CONTRACTOR.
2	ALUMINUM STOREFRONT DOORS - WOOD PULL HANDLES PROVIDED BY MILLWORK SUPPLIER AND INSTALLED BY GENERAL CONTRACTOR - PREPARE SURFACE FOR TENANT'S GRAPHIC APPLICATIONS; COLOR: CLEAR ANODIZED.
3	LOCATION OF TENANTS B-3 SIGNAGE - TENANT'S GENERAL CONTRACTOR TO COORDINATE BLOCKING REQUIREMENTS WITH SIGNAGE VENDOR.
4	LOCATION OF REMOTE CO2 FILLER - INSTALL BETWEEN 36" AND 48" ABOVE FINISHED GRADE - VERIFY LOCATION WITH TENANT CONSTRUCTION MANAGER. (BY TENANT'S GC)
5	PROPOSED TENANT LEASE LINE.
6	NEW INSULATED HOLLOW METAL DOOR - PDC - PREPARE SURFACE FOR TENANT'S GRAPHIC APPLICATION. (BY OWNER)
7	EXISTING HOSE BIBB LOCATIONS.
8	NEW WALL MOUNTED RAB LIGHTS. (BY TENANT'S GC)
9	NEW DARK BRONZE ALUMINUM PASS-THRU WINDOW WITH INTEGRATED INTERIOR AIR CURTAIN, TRANSOM AND SIDELITES. (BY TENANT'S GC); REFER TO ELECTRICAL DRAWINGS
10	NEW PREFINISHED METAL CANOPY WITH INTEGRAL LED LIGHTING. (BY OWNER)
11	EXISTING CLEAR ANNOIDIZED ALUMINUM STOREFRONT WINDOWS.
12	PAINT EXISTING TEXTURED STONE WAINSCOT, COLOR PPG 'KNIGHTS ARMOR'. (BY TENANT'S GC)
13	REMOVE EXISTING EIFS FAÇADE AS NECESSARY TO CREATE SINGLE PLANE EIFS SOFFIT; COLOR PPG 'FOG'. (BY TENANT'S GC)
14	REMOVE EXISTING EIFS FAÇADE AS NECESSARY TO CREATE SINGLE PLANE EIFS SOFFIT, BUILD UP EXISTING PARAPET TO MAX HEIGHT OF EXISTING PARAPET, COLOR PPG 'FOG'. (BY TENANT'S GC)
15	PAINT EXISTING EIFS, COLOR PPG 'KNIGHTS ARMOR'. (BY TENANT'S GC)
16	REMOVE EXISTING DECORATIVE CORNICE, REPLACE WITH PREFINISHED METAL COPING, COLOR PPG 'FOG'. (BY TENANT'S GC)
17	INFILL EXISTING DOOR LOCATION TO MATCH ADJACENT FINISH, PATCH AND REPAIR AS NEEDED. (BY TENANT'S GC)
18	NEW EIFS BUMP OUT; COLOR PPG 'KNIGHTS ARMOR' WITH TEXTURED STONE WAINSCOT. (BY TENANT'S GC)
19	REMOVE AND REUSE EXISTING TEXTURED STONE WAINSCOT, WRAP NEW EIFS BUMP OUT AND PAINT; COLOR PPG 'KNIGHTS ARMOR'. (BY TENANT'S GC)
20	NEW INSULATED HOLLOW METAL DOOR - PDC - PREPARE SURFACE FOR TENANT'S GRAPHIC APPLICATION. (BY TENANT'S GC)
21	EXISTING 8"x8" TEXTURED BLOCK TO BE PAINTED PPG 'KNIGHTS ARMOR'.
22	REMOVE EXISTING WALL MOUNTED LIGHT FIXTURES; PATCH AND REPAIR AS NECESSARY. (BY TENANT'S GC)
23	EXISTING CANOPY TO BE REMOVED; PATCH AND REPAIR AS NEEDED. (BY OWNER)
24	REMOVE EXISTING EIFS WINDOW ACCENT; PATCH AND REPAIR AS NEEDED. (BY TENANT'S GC)
25	REMOVE EXISTING DRIVE-THRU WINDOW - INFILL WITH NEW WALL TO MATCH EXISTING CONDITIONS. (BY TENANT'S GC)

EXTERIOR FINISH SCHEDULE

FINISH	MATERIAL	COLOR	REMARKS
EF-1	EIFS	MATCH PT-1	
EF-2	EIFS	MATCH PT-2	
MTL-1	PREFINISHED METAL COPING	PPG #1010-2 "FOG"	TO MATCH ADJACENT FINISH
MTL-2	PREFINISHED METAL COPING	PPG #1001-6 "KNIGHTS ARMOR"	TO MATCH ADJACENT FINISH
PT-1	PAINT	PPG #1010-2 "FOG"	FLAT FINISH
PT-2	PAINT	PPG #1001-6 "KNIGHTS ARMOR"	FLAT FINISH

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STORE NO.: 4953
"PORT HURON"
3962 24TH AVE, SUITE B
PORT HURON, MI 48060

SEAL:

August 20, 2024
MATTHEW M. WILKUS
LICENSE #1301065868
(EXPIRES 06/30/2026)

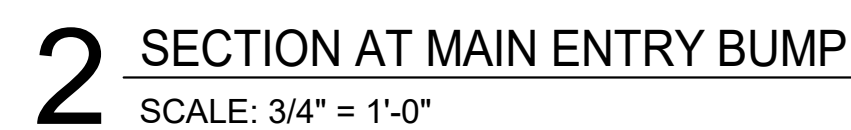
PROJECT NO. 2023-0101
DRAWN BY KDRB
CHECKED BY NSG / MMW

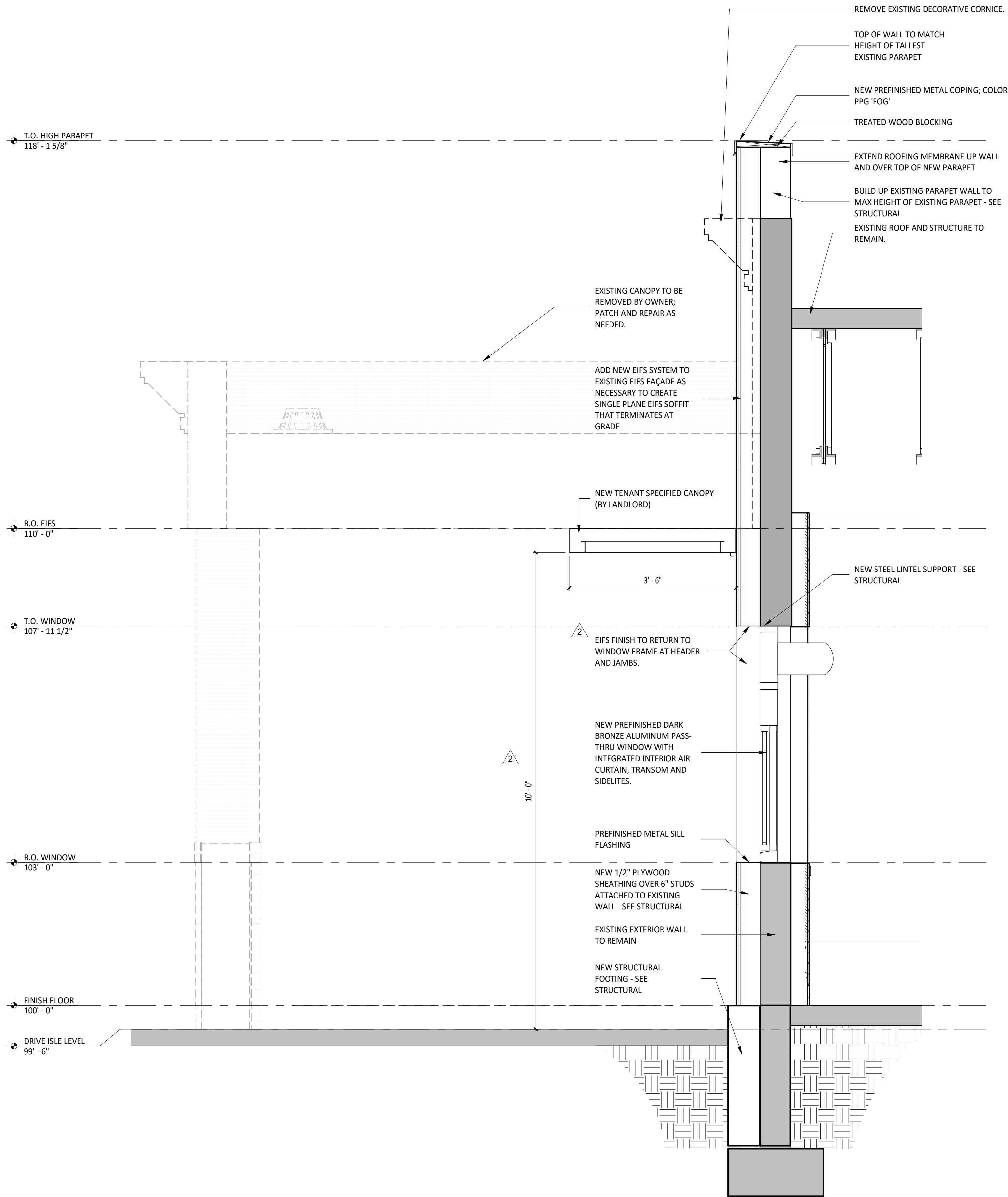
ISSUE RECORD:
03/21/2024 PERMIT SET
05/03/2024 BID SET
07/11/2024 CONSTRUCTION SET

REVISIONS:
2 07.11.24 CONSTRUCTION SET

TITLE:
EXTERIOR ELEVATIONS

SHEET NUMBER:
A301





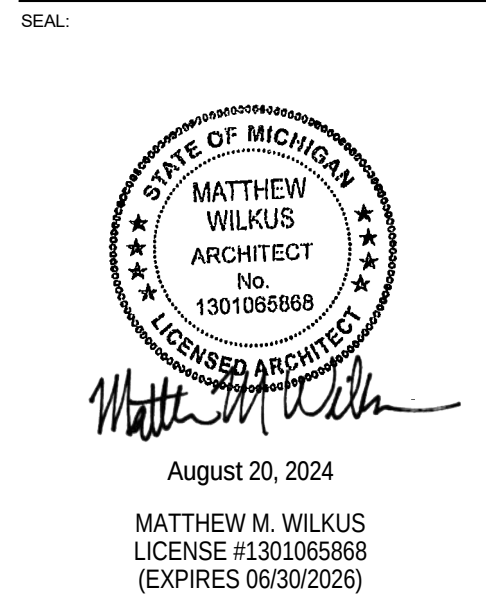
1 SECTION AT PICK-UP WINDOW
SCALE: 3/4" = 1'-0"



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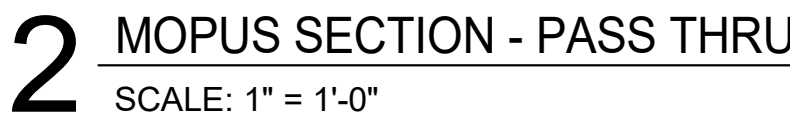
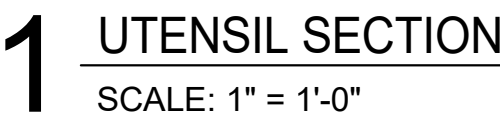
PROJECT NO. 2023-0101
DRAWN BY KDRB
CHECKED BY NSG / MMW

ISSUE RECORD:
03/21/2024 PERMIT SET
05/03/2024 BID SET
07/11/2024 CONSTRUCTION SET

REVISIONS:
2 07.11.24 CONSTRUCTION SET

TITLE:
BUILDING SECTIONS

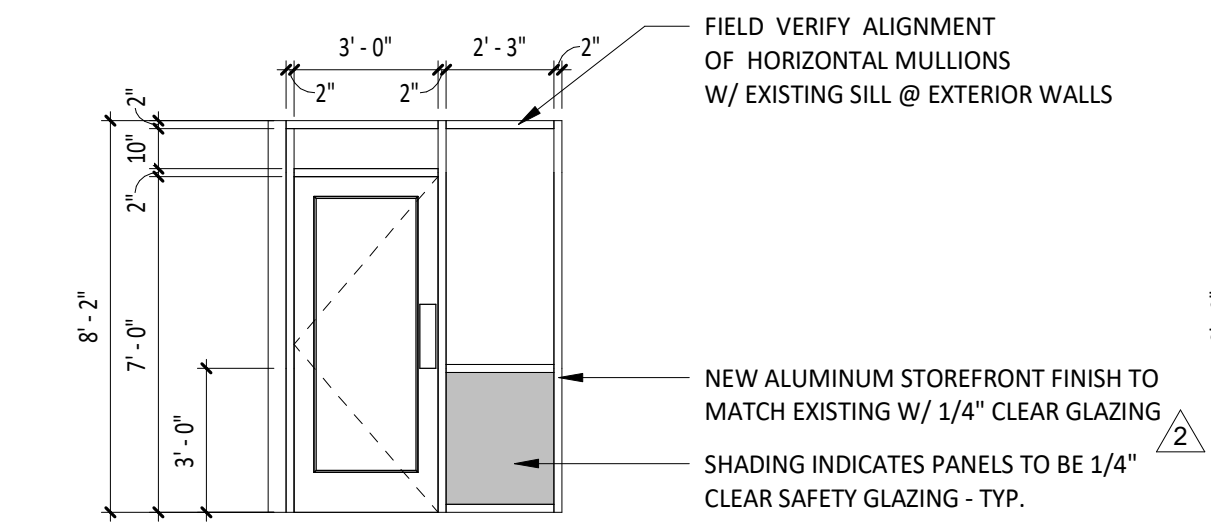
SHEET NUMBER:
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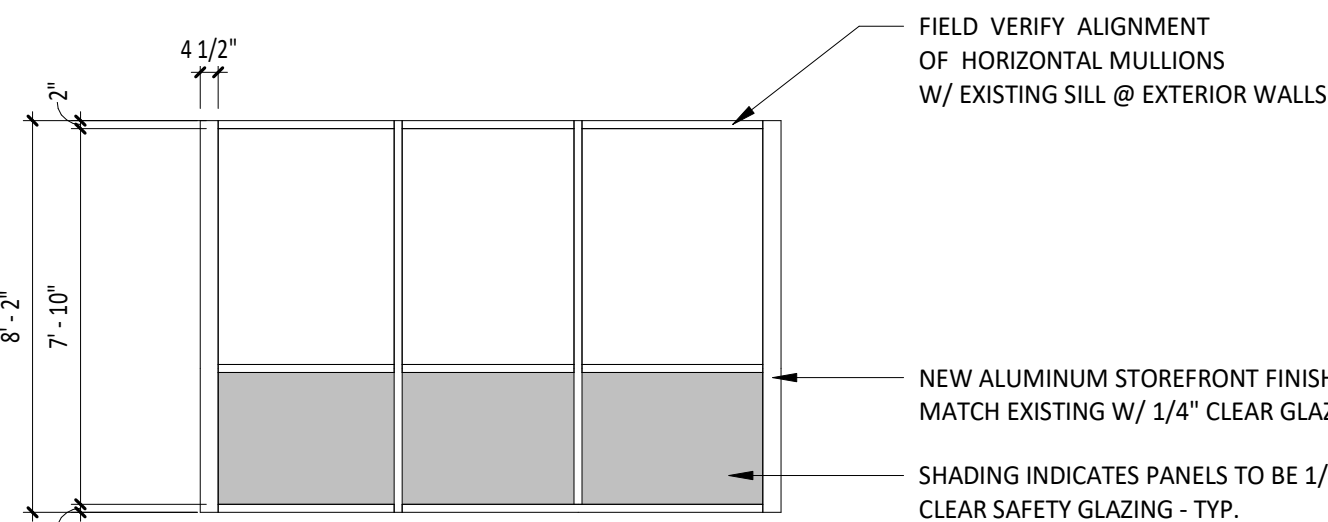
A502

VESTIBULE FRAME TYPES

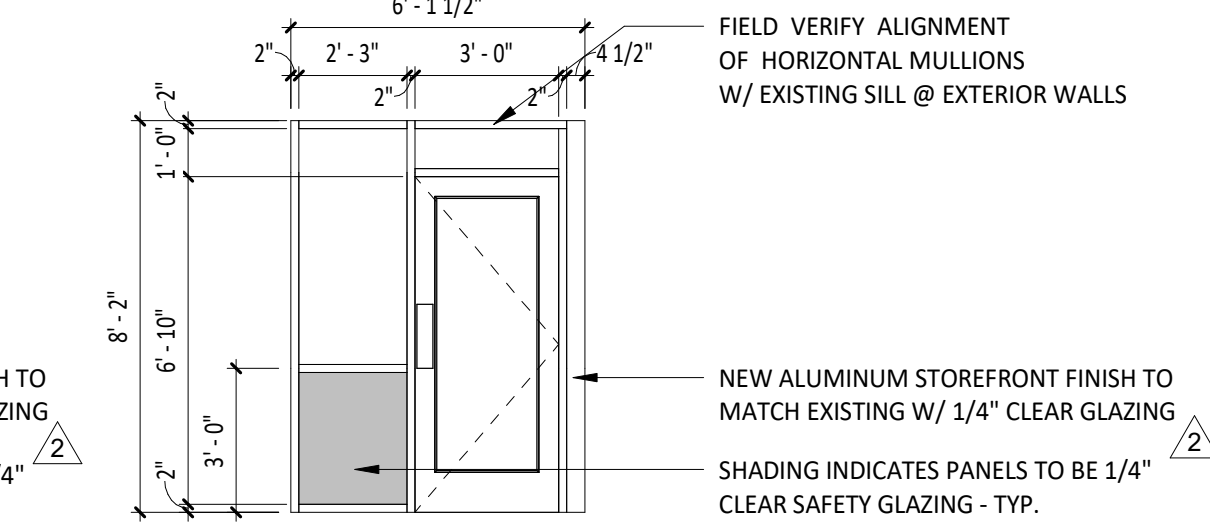
*GENERAL NOTES: ALL STOREFRONT TO BE ANODIZED ALUMINUM (COLOR AS NOTED) W/ THERMAL BREAKS; ALL GLAZING TO BE 1/4" CLEAR SAFETY GLAZING U.N.O. PROVIDE HEAD RECEPTORS WHERE NOTED



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

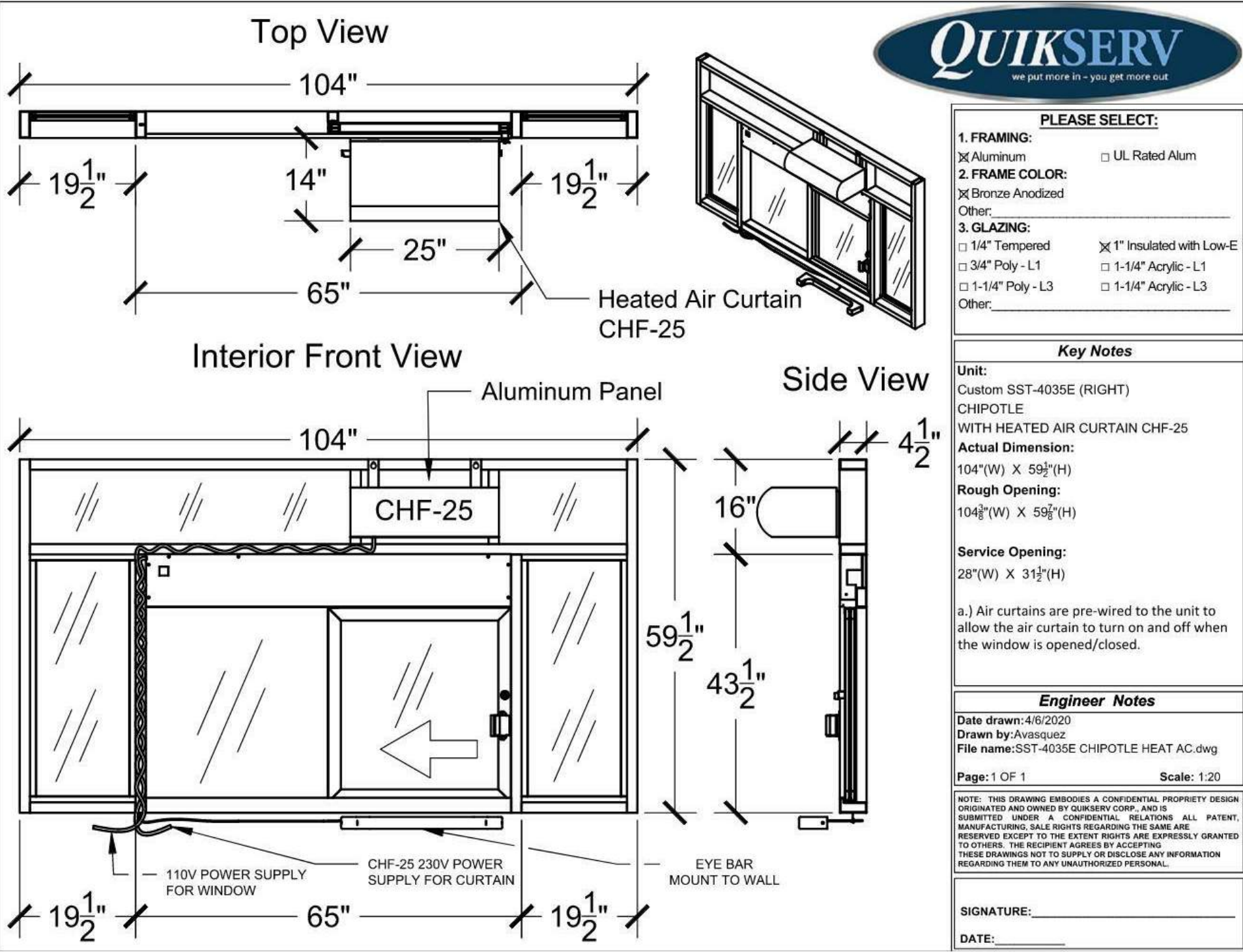


2 STOREFRONT ELEVATION 2
SCALE: 1/4" = 1'-0"



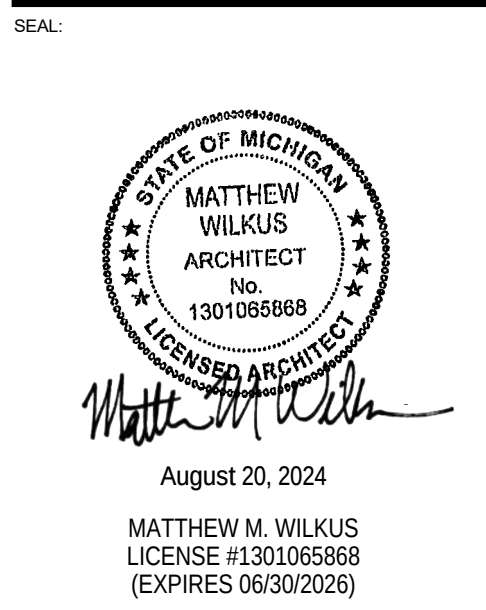
3 STOREFRONT ELEVATION 3
SCALE: 1/4" = 1'-0"

PICK UP WINDOW



PROJECT INFORMATION:

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PORT HURON, MI 48060



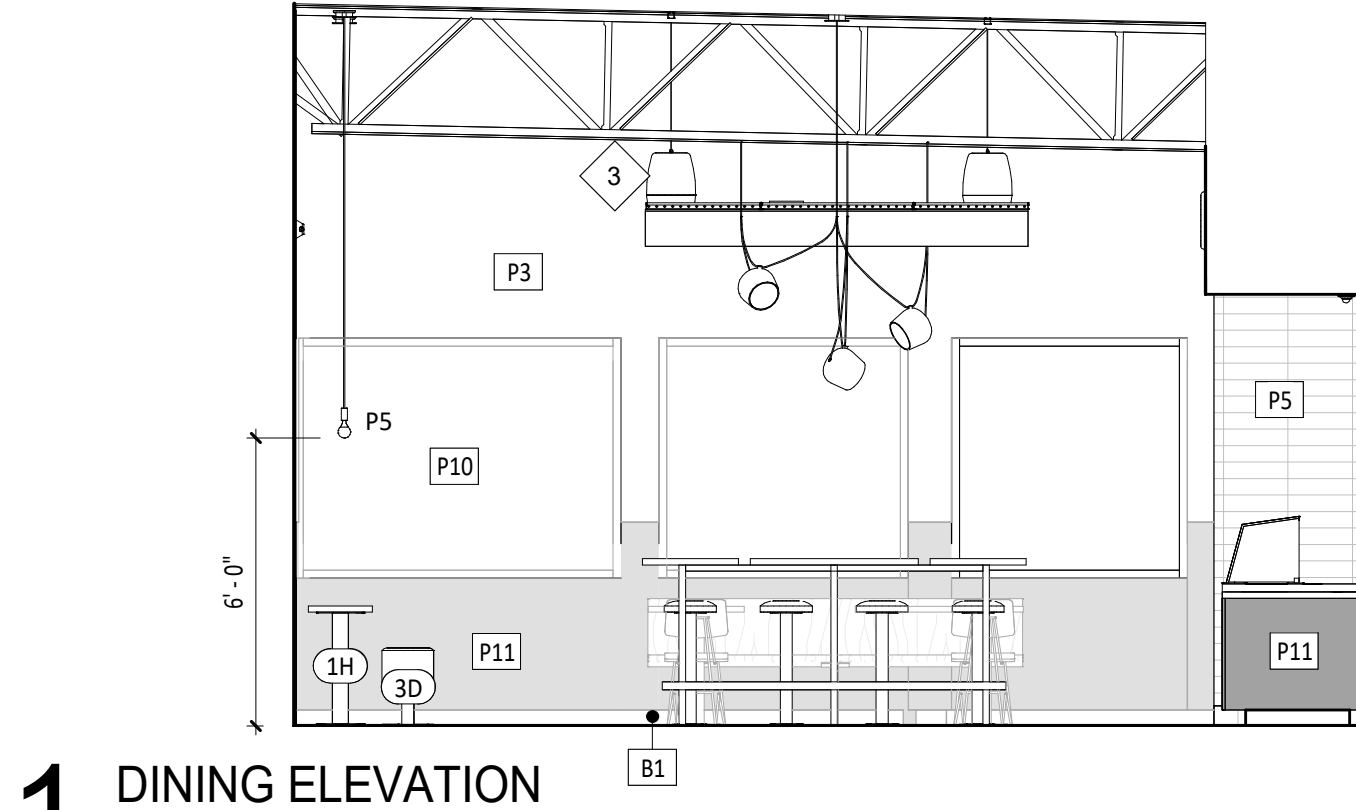
PROJECT NO. 2023-0101
DRAWN BY KDRB
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ISSUE RECORD:
03/21/2024 PERMIT SET
05/03/2024 BID SET
07/11/2024 CONSTRUCTION SET

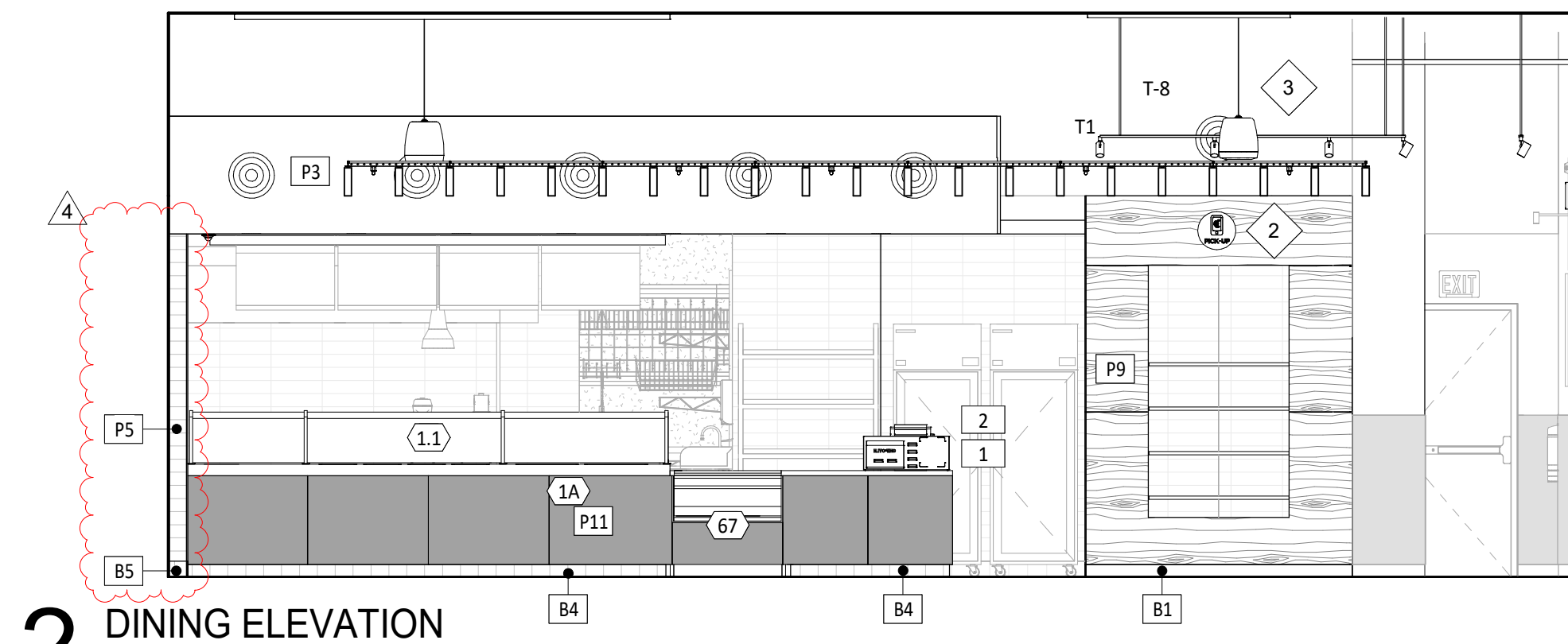
REVISIONS:
2 07.11.24 CONSTRUCTION SET

TITLE:
VESTIBULE
ELEVATIONS

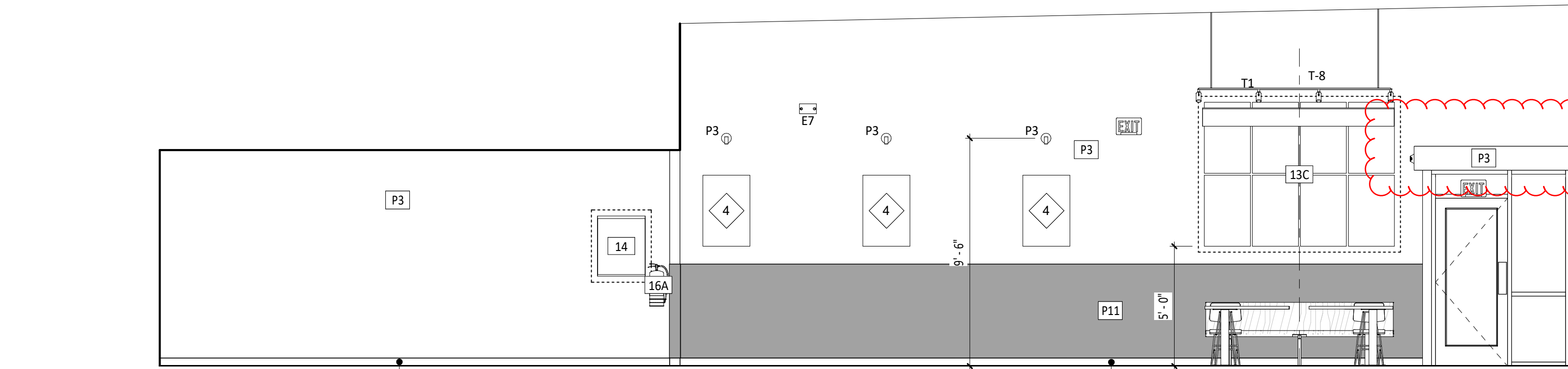
SHEET NUMBER:
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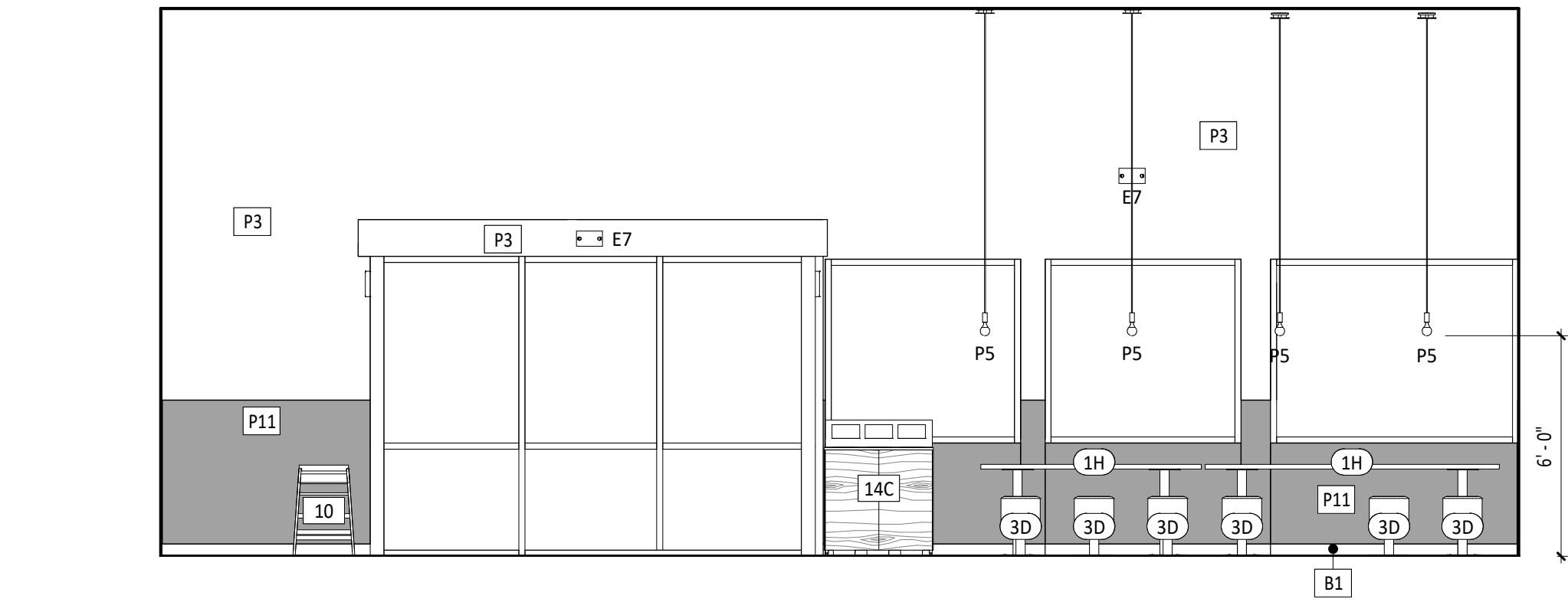
1 DINING ELEVATION
SCALE: 1/4" = 1'-0"



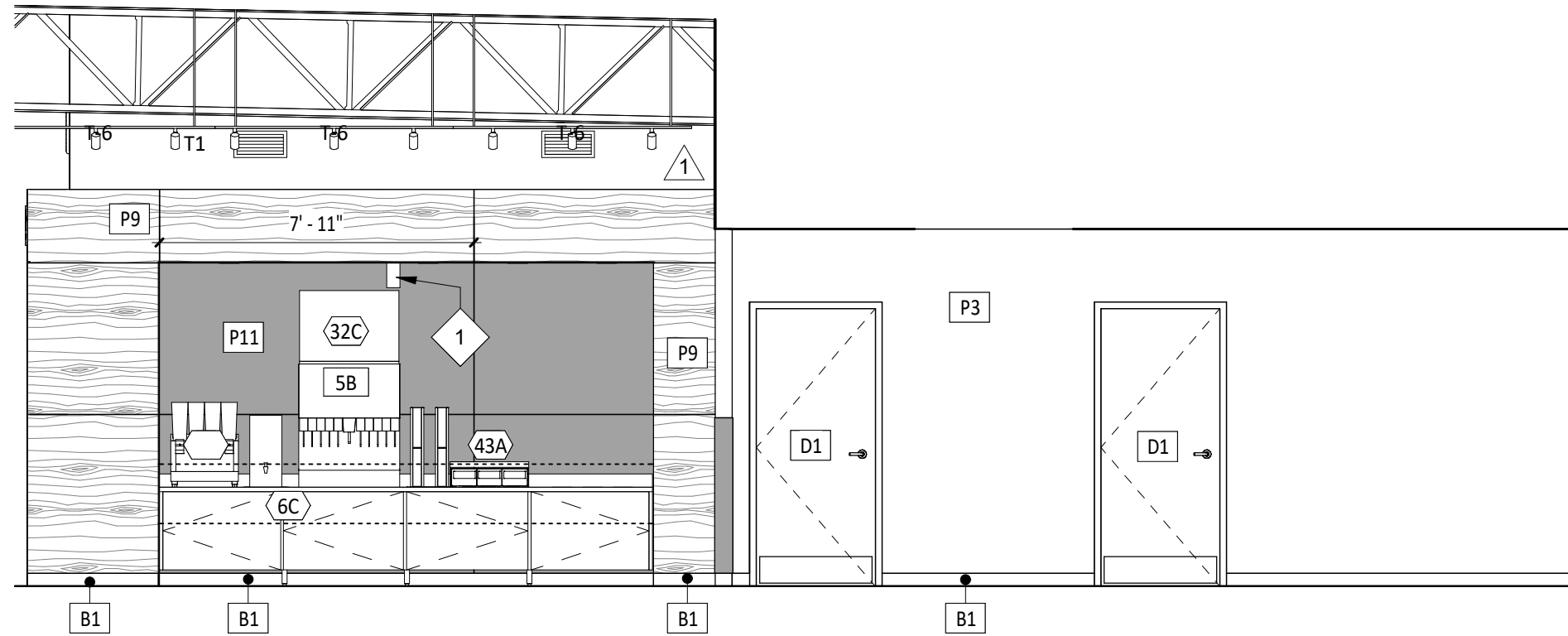
2 DINING ELEVATION
SCALE: 1/4" = 1'-0"



3 DINING ELEVATION
SCALE: 1/4" = 1'-0"



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



5 DINING ELEVATION
SCALE: 1/4" = 1'-0"

THE SOFFIT ABOVE THE VESTIBULE IS CURRENTLY FRAMED TO THE UNDERSIDE OF DECK, RATHER THAN AS DEPICTED IN PLANS. RECOMMEND ALIGNING TOP OF VESTIBULE SOFFIT WITH TOP OF SERVE LINE SOFFIT. TO BE REVIEWED BY CHIPOTLE DM FOR APPROVAL.

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 STAINLESS STEEL SHROUD, REFER TO FINISH PLAN
2 PICK-UP SIGN BY TENANT SIGNAGE VENDOR - INSTALLED BY GENERAL CONTRACTOR - COORDINATE REQUIRED BLOCKING REQUIREMENTS.
3 SPEAKER LOCATION - REFER TO A201 FOR ADDITIONAL INFORMATION.
4 CUSTOM ARTWORK PANELS BY TENANT, TYPICAL OF THREE (3), INSTALLED BY TENANT'S GENERAL CONTRACTOR.

CONSULTANT:



CLIENT:



CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182966
COLUMBUS, OH 43218-2966
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INTERNET: WWW.CHIPOTLE.COM

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August 20, 2024

MATTHEW M. WILKUS
LICENSE #1301065868
(EXPIRES 06/30/2026)

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CHECKED BY NSG / MMW

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05/03/2024 BID SET
07/11/2024 CONSTRUCTION SET

REVISIONS:
1 04.23.2024 PLAN REVIEW
4 08.13.24

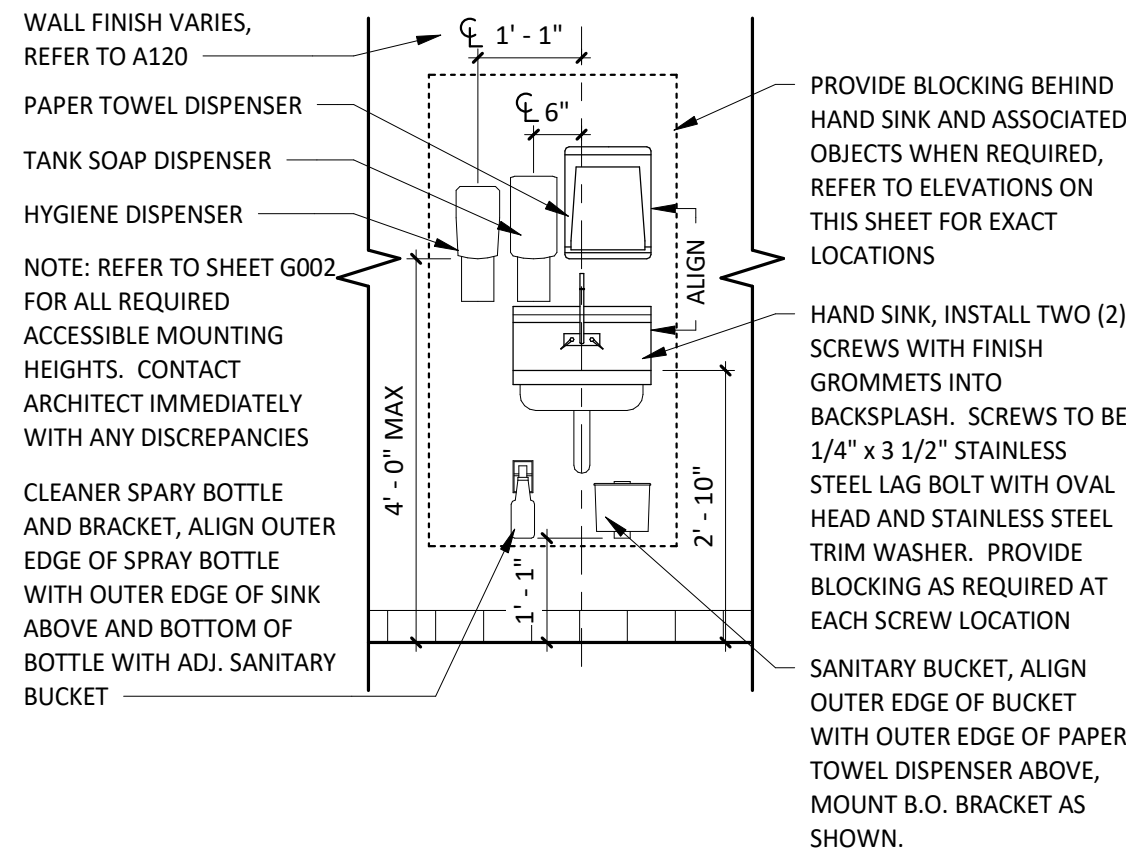
TITLE:

ELEVATIONS -
INTERIOR DINING

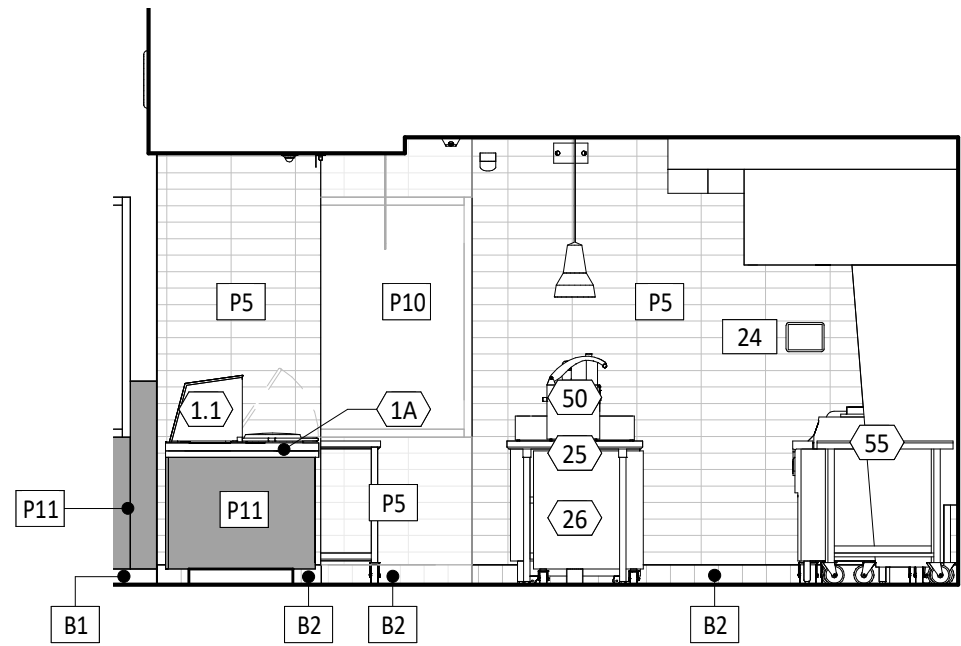
SHEET NUMBER:

A701

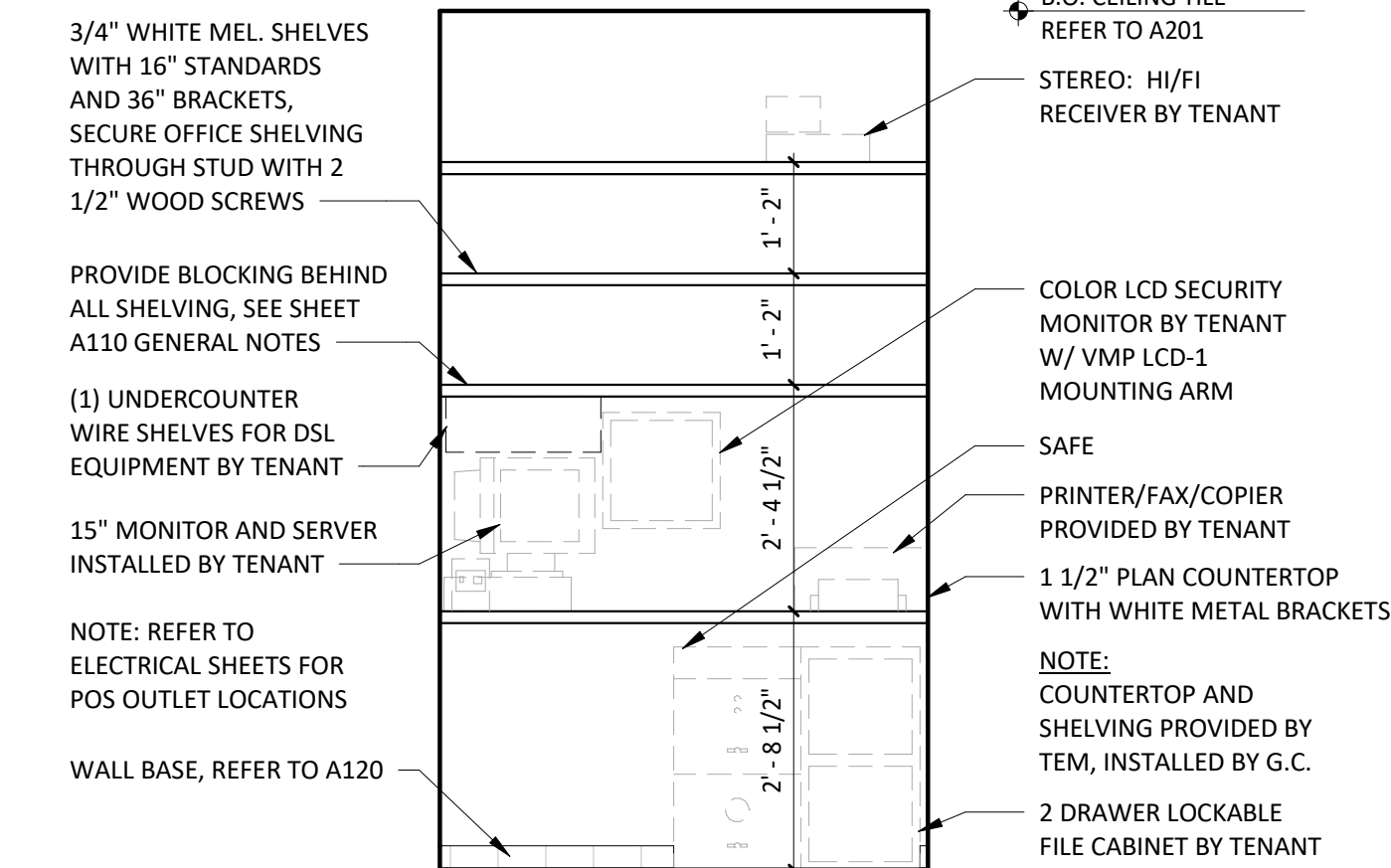
*THIS DETAIL IS FOR HANDSINK ACCESSORY DIMENSIONS ONLY. FOR ACTUAL ORIENTATION OF HAND SINK AND ACCESSORIES, REFER TO KITCHEN ELEVATIONS



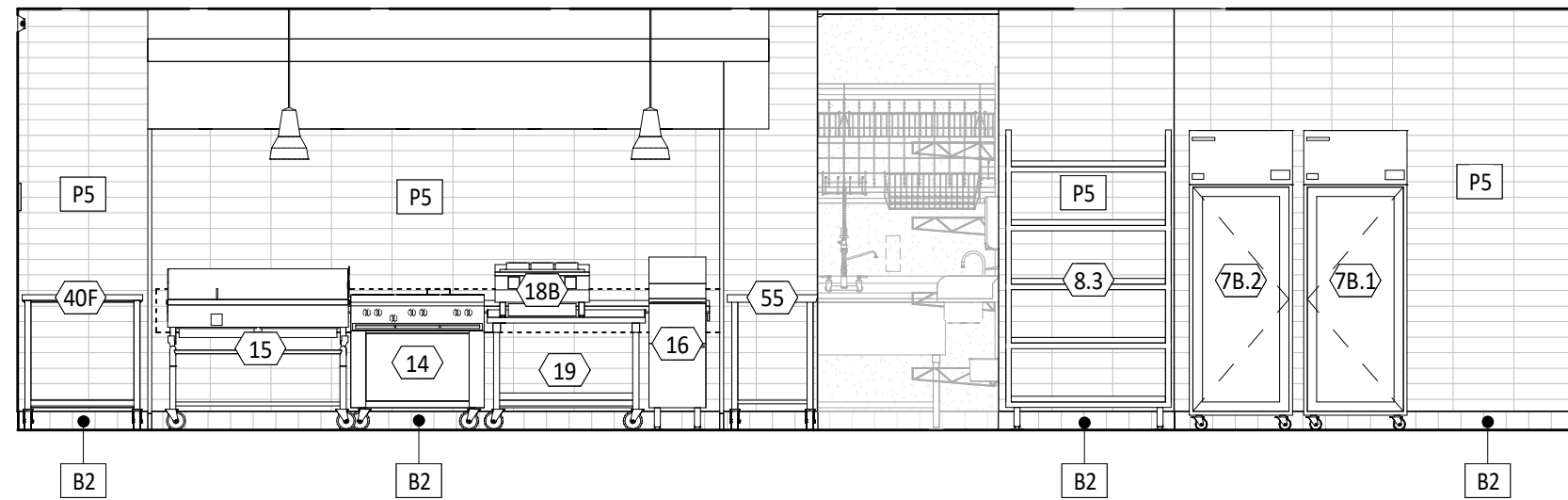
1 TYP ELEV - HAND SINK
SCALE: 1/2" = 1'-0"



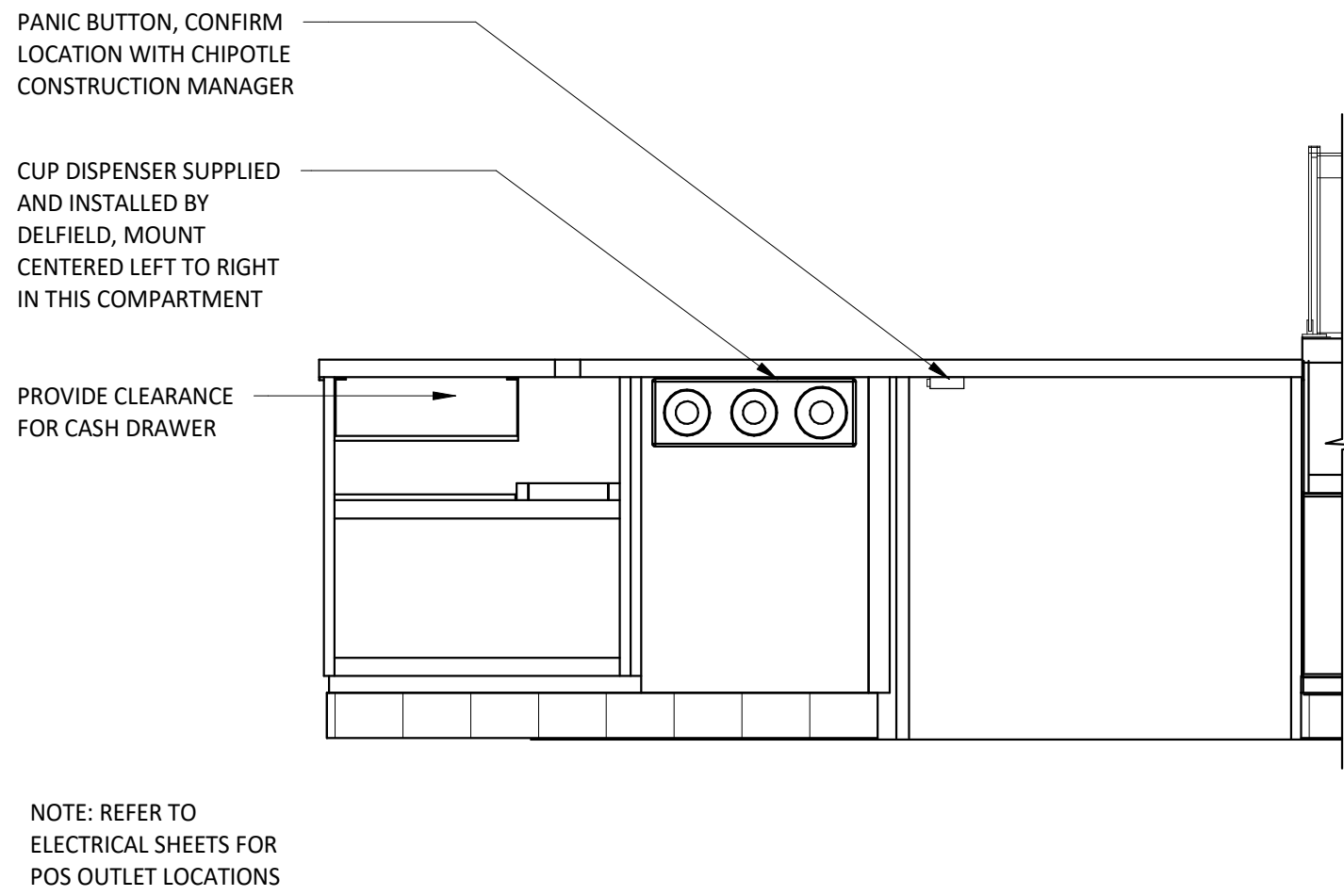
4 COOKING
SCALE: 1/4" = 1'-0"



2 TYP ELEV - OFFICE SHELVING
SCALE: 1/2" = 1'-0"



3 TYP. ELEV - POS
SCALE: 3/4" = 1'-0"



GENERAL NOTES - INT. ELEV.

- REFER TO SHEET A131 FOR EQUIPMENT LIST AND FURNITURE SCHEDULE.
- PROVIDE FULL HEIGHT BLOCKING IN WALL FOR ALL SHELVING, TYP.
- REFER TO A120 FOR FINISH SCHEDULE.
- REFER TO A201 AND ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SCHEDULE.

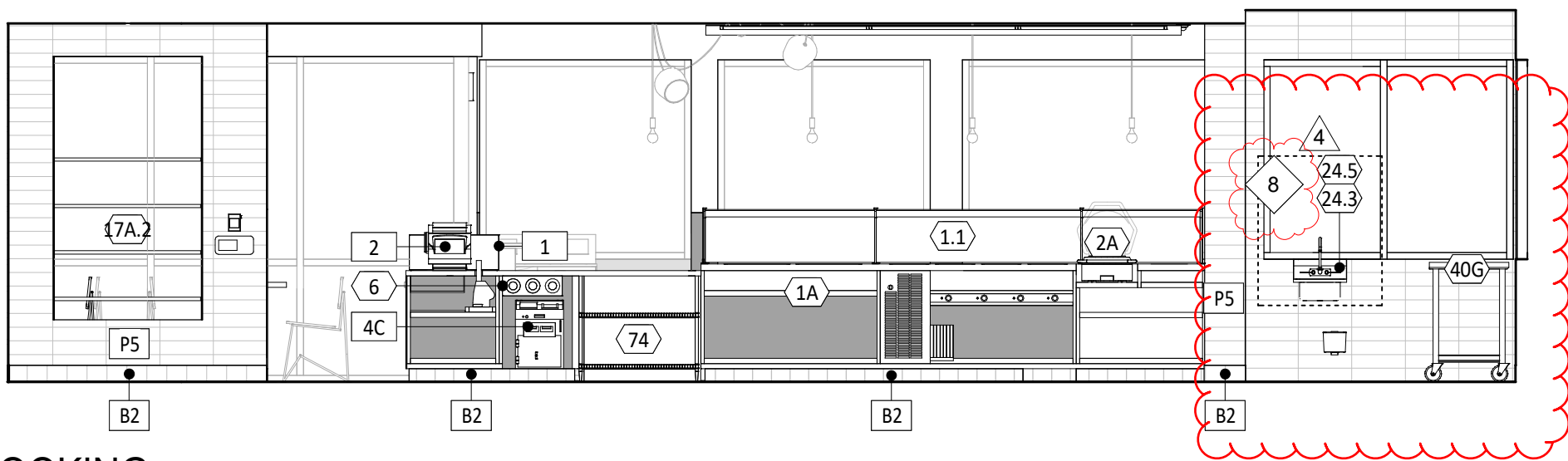
ELEVATION LEGEND

- DENOTES WOOD BLOCKING IN WALL BEHIND WALL MOUNTED OBJECT U.N.O.

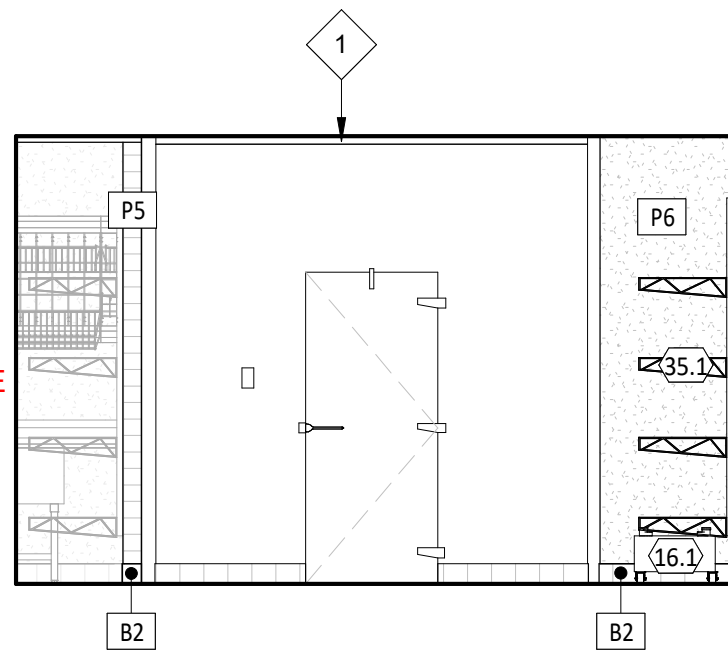
KEYNOTE LEGEND

- PROVIDE F.R.P. CLOSURE BETWEEN FINISH CEILING AND TOP OF COOLER.
- MONITOR BY TENANTS VENDOR.
- STAINLESS STEEL SHROUD, REFER TO FINISH PLAN
- PICK-UP WINDOW WITH INTEGRATED AIR CURTAIN.
- WATER FILTER - REFER TO PLUMBING SHEETS FOR ADDITIONAL INFORMATION.
- ELECTRICAL PANEL LOCATION, SEE ELECTRICAL PANELS (BY OWNER)
- MOVEABLE LINEN BINS WITH LID - TYPICAL OF FOUR (4)
- MOUNT SINK ACCESSORIES ON SIDE WALL, VERIFY LOCATION WITH CONSTRUCTION MANAGER.

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

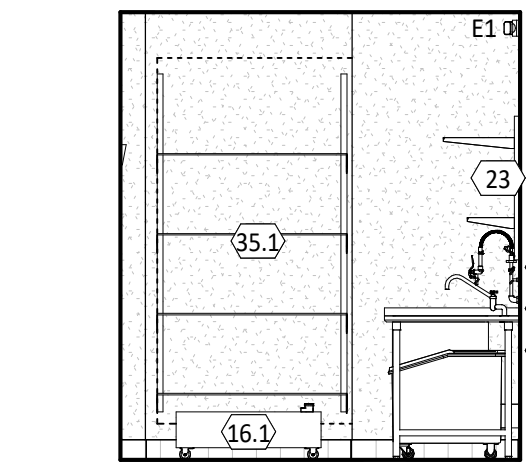
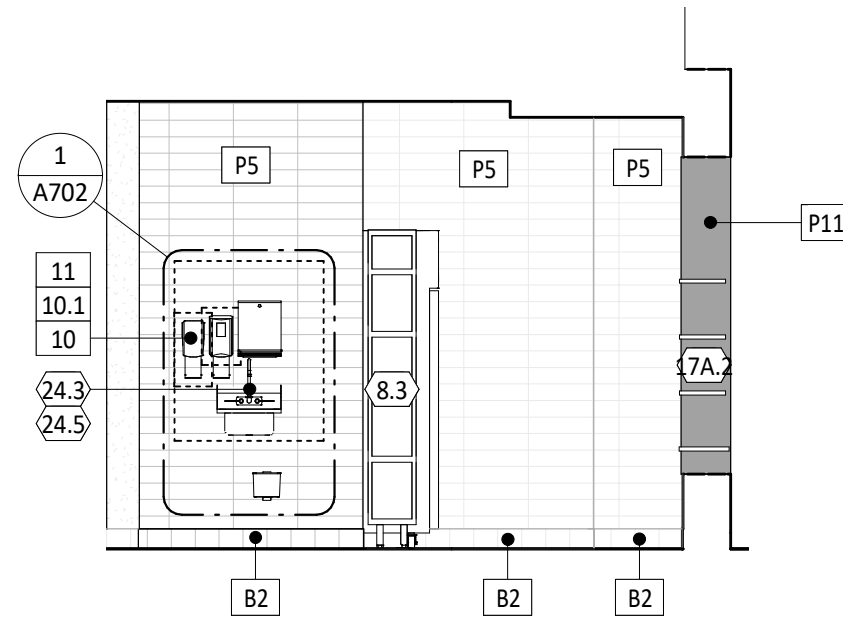


PER DISCUSSION ON SITE, THIS HANDSINK WILL MOVE TO THE ADJACENT WALL TO ALLOW IT TO BE MOUNTED AT THE PROTOTYPICAL HEIGHT.



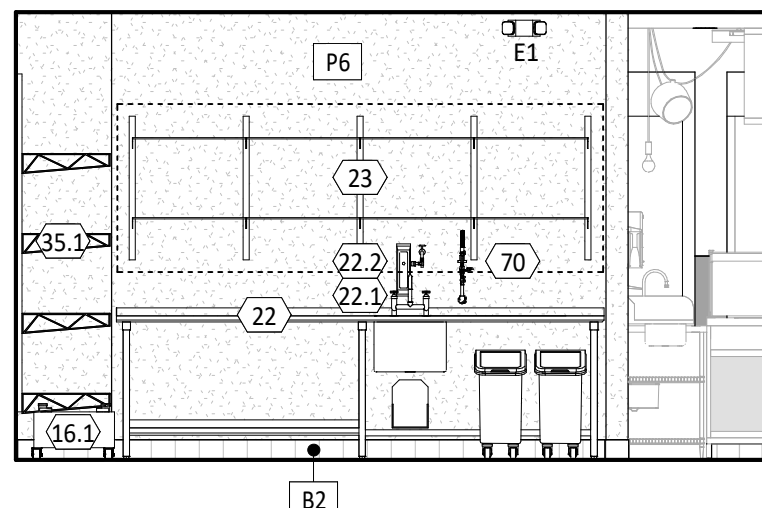
8 COOKING
SCALE: 1/4" = 1'-0"

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

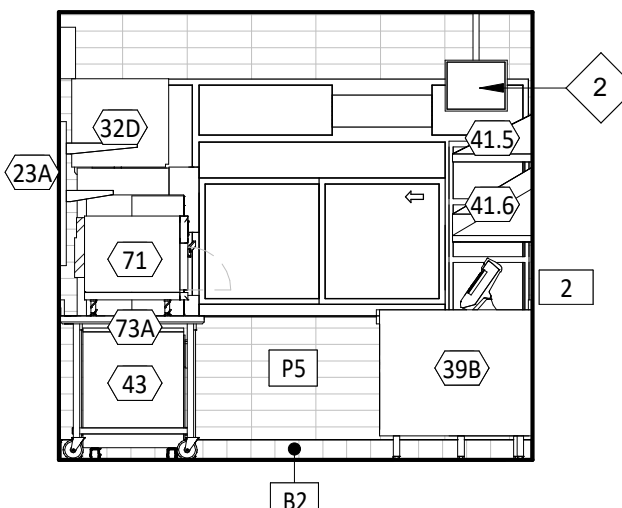


9 COOKING
SCALE: 1/4" = 1'-0"

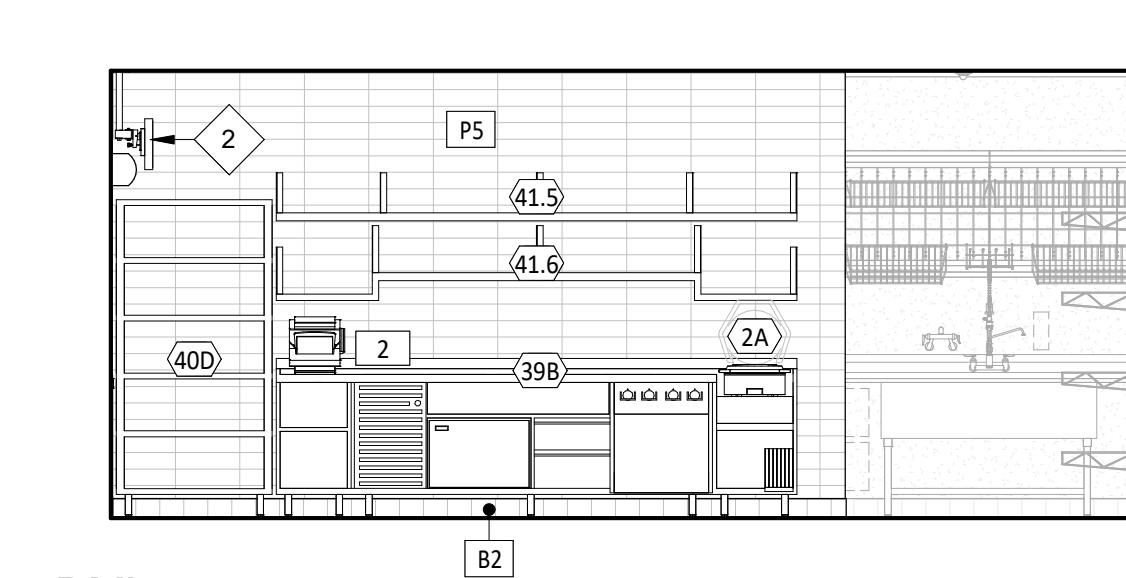
10 COOKING
SCALE: 1/4" = 1'-0"



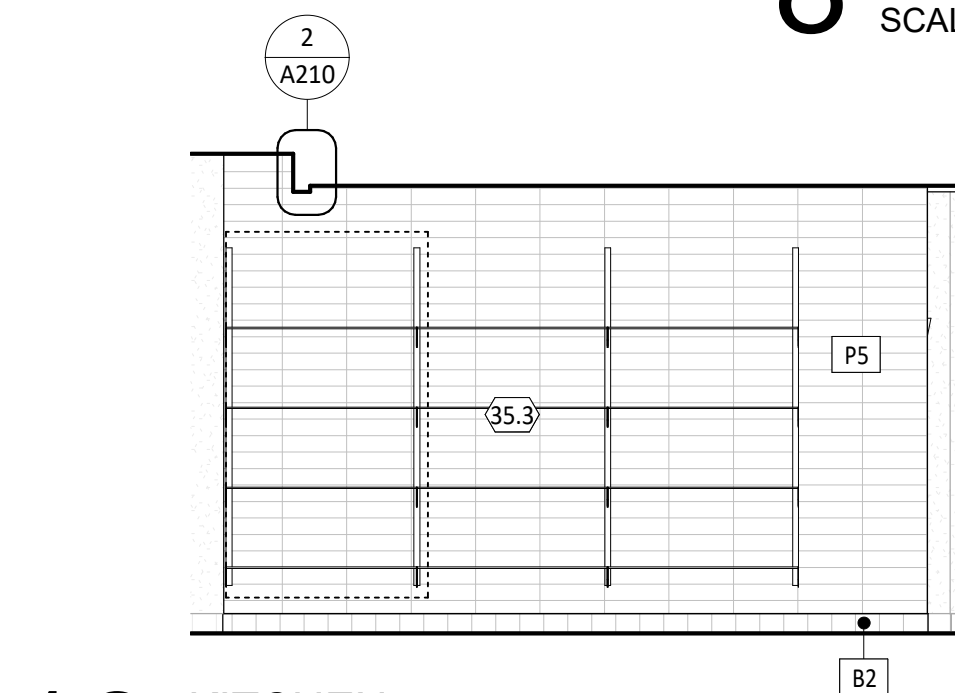
11 DML
SCALE: 1/4" = 1'-0"



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

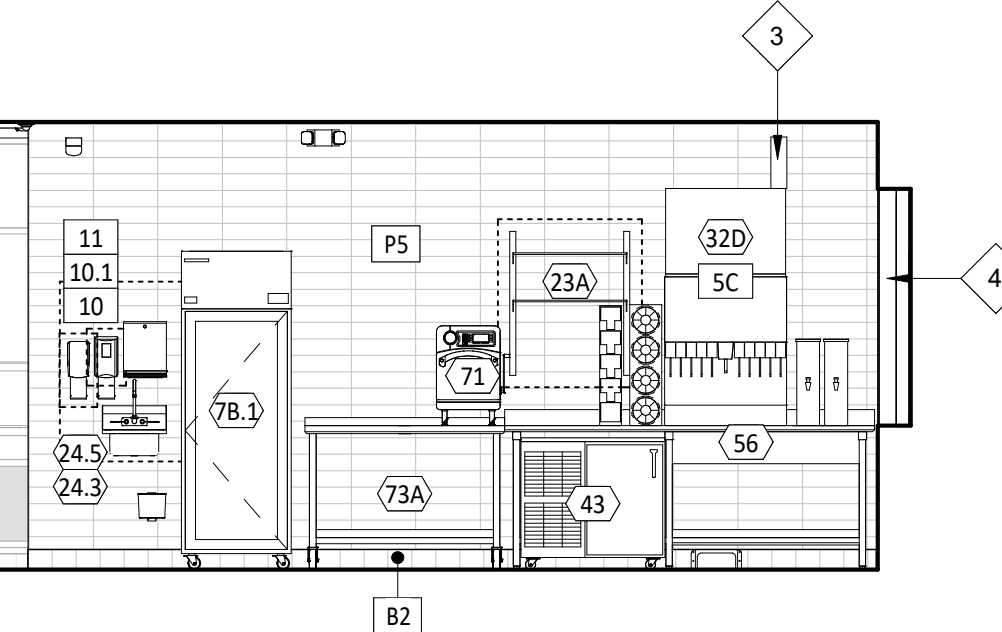


12 DML
SCALE: 1/4" = 1'-0"

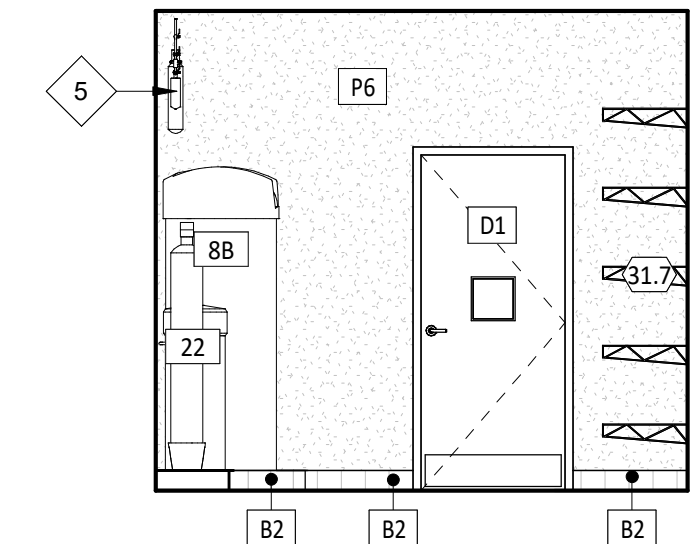


13 KITCHEN
SCALE: 1/4" = 1'-0"

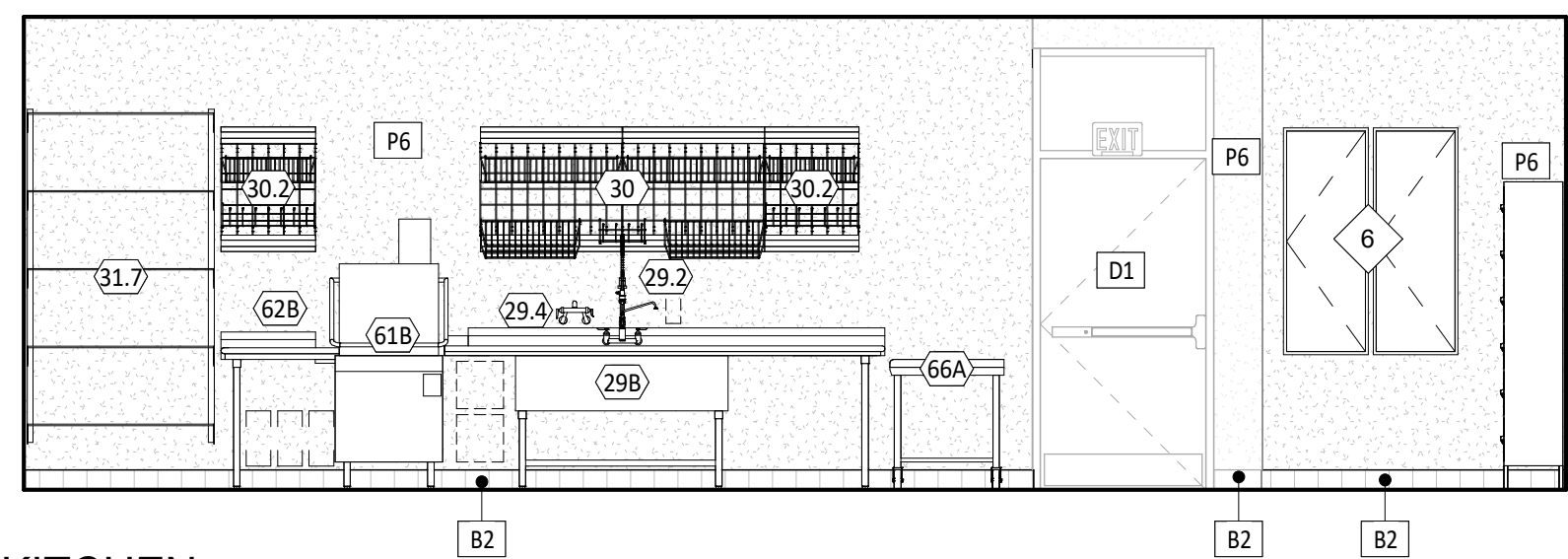
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SCALE: 1/4" = 1'-0"



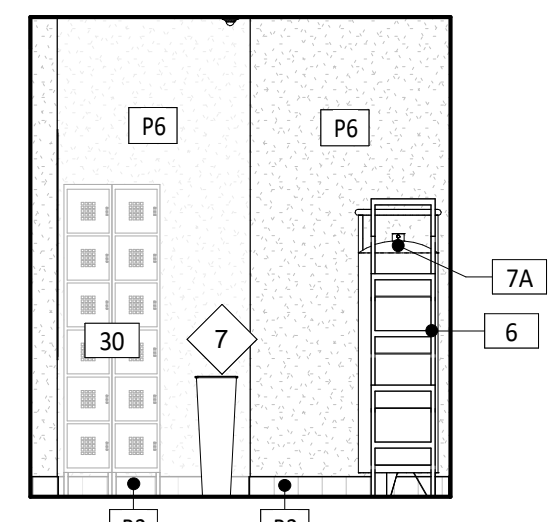
15 KITCHEN
SCALE: 1/4" = 1'-0"



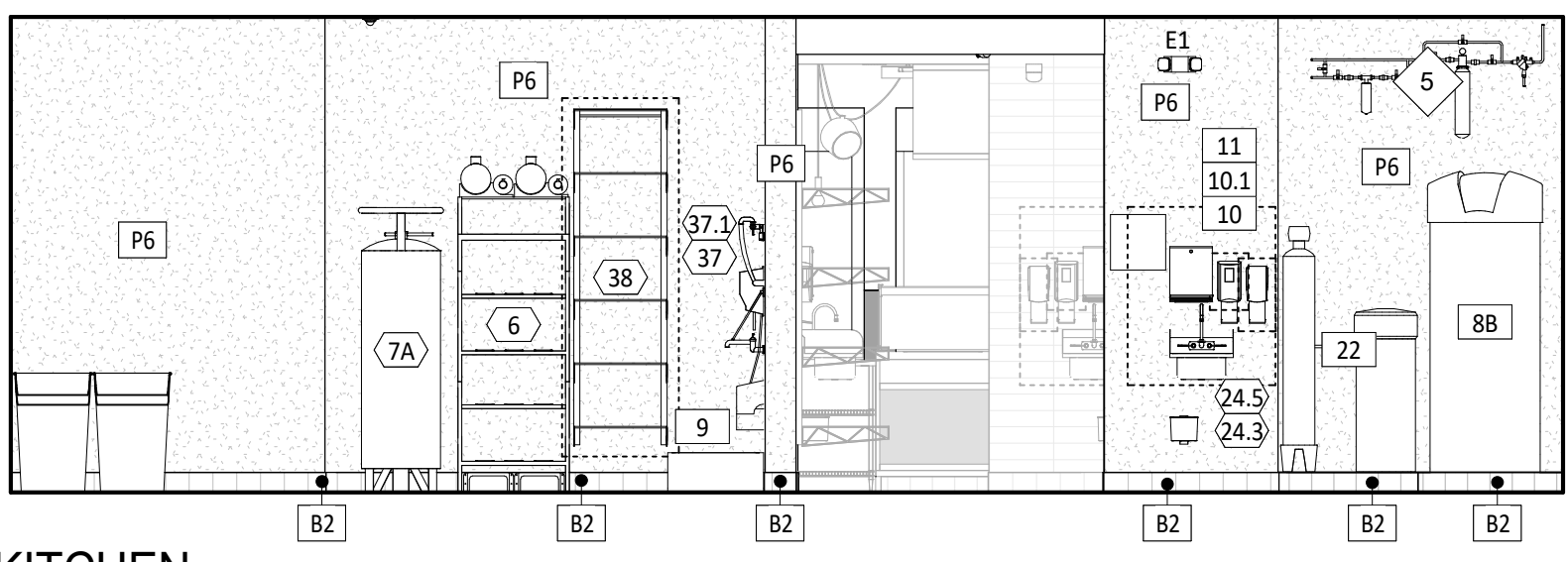
16 KITCHEN
SCALE: 1/4" = 1'-0"



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



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



CONSULTANT:



CLIENT:



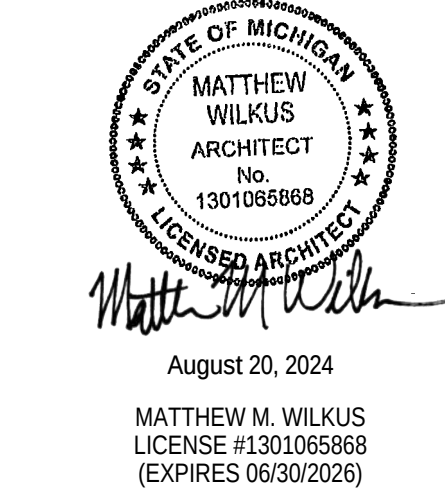
CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182966
COLUMBUS, OH 43218-2566
TELEPHONE: (614) 318-2682
INTERNET: WWW.CHIPOTLE.COM

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3962 24TH AVE, SUITE B
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DRAWN BY KDRB
CHECKED BY NSG / MMW

ISSUE RECORD:
03/21/2024 PERMIT SET
05/03/2024 BID SET
07/11/2024 CONSTRUCTION SET

REVISIONS:

4 08.13.24

TITLE:
ELEVATIONS -
INTERIOR KITCHEN

SHEET NUMBER:

A702

RESTROOM ACCESSORIES

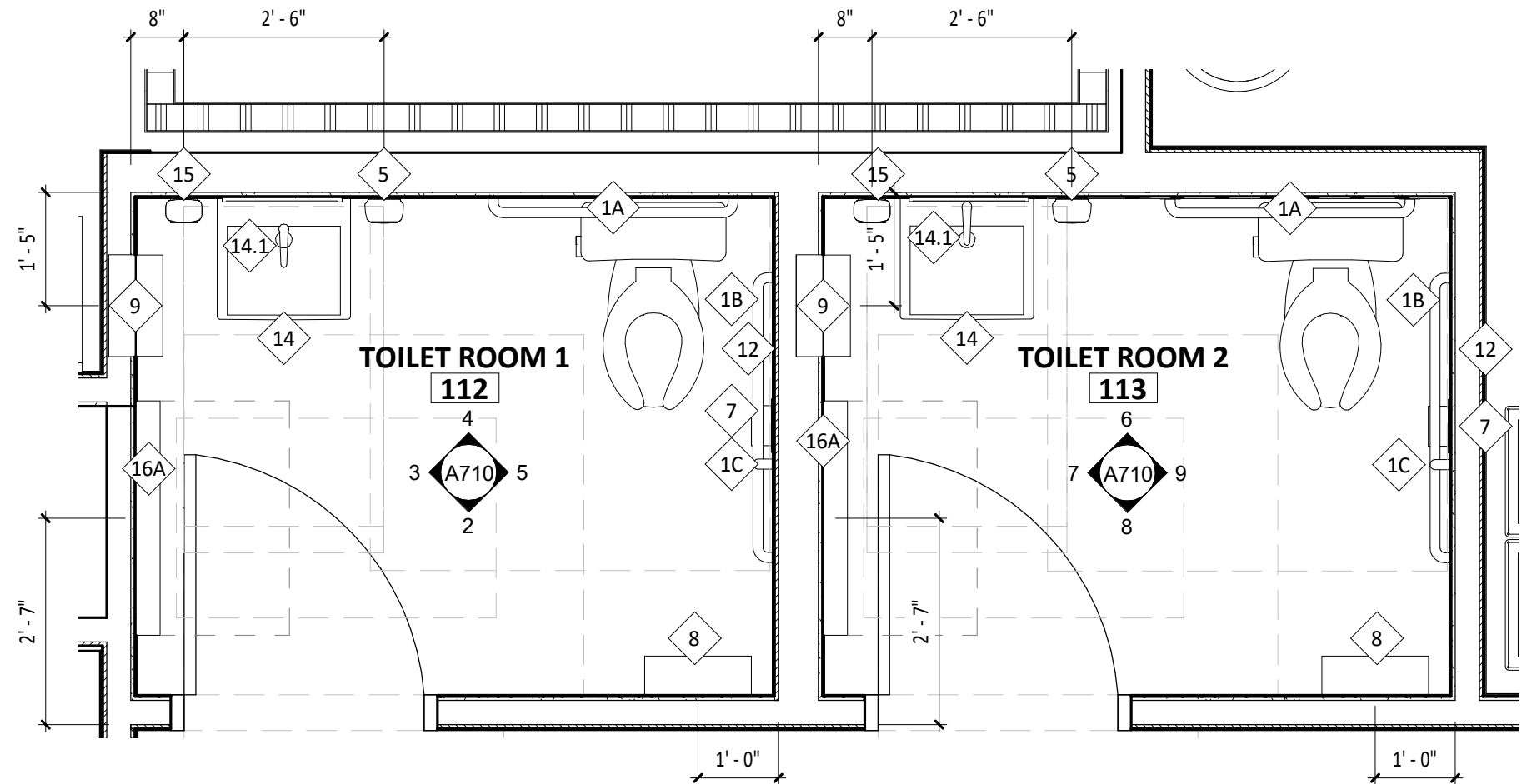
ITEM #	DESCRIPTION	MANUF	MODEL	QTY	PROVIDED BY	INSTALLED BY	UTILITY				MOUNTING HEIGHT	REMARKS
							ELEC	GAS	WATER	SEWER		
1A	Grab Bar - 36in	ASI	3501-36	3	WA	GC					34" AFF to Centerline of Gaspng Surface	Provide Plywood Blocking to Mount to Wall
1B	Grab Bar - 42in	ASI	3501-42	2	WA	GC					34" AFF to Centerline of Gaspng Surface	Provide Plywood Blocking to Mount to Wall
1C	Grab Bar - 18in	ASI	3501-18	3	WA	GC					40" AFF to Centerline of Bottom Return	Provide Plywood Blocking to Mount to Wall
3				4		GC					Bottom Edge of Reflecting Surface at 40" AFF	Provide Plywood Blocking to Mount to Wall
5	Touch-Free Soap Dispenser	Purell	CS8	3	WA	GC					47 1/2" AFF To Top Of Dispenser	
7	Recessed Toilet Paper Dispenser	ASI	0031	3	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 Provide Toggle Bolts to Mount to Wall
8	Utility Shelf	ASI	0692	3	WA	GC					46" AFF To Top Of Shelf	Rough Opening: 16"W x 54 3/4"H x 4" D. Provide Plywood Blocking to Mount to Wall
9	Recessed Convertible Paper Towel Dispenser and Waste Receptacle, Recess Mounted in Wall	Bobrick	B-3944	3	WA	GC					Bottom of Unit at Top of Base, Bottom of Dispenser to be at 40" AFF, Recess Mounting In Wall	
12	Napkin Disposal - Recessed	ASI	0473	3	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	3	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	3	KE5	GC			•			To Be Furnished With .5 GPM Aerator Installed. Thermostatic mixing valve is also included.
15	Hand Sanitizer Dispenser	Purell	E58	3	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
16a	Surface Mounted Horizontal Baby Changing Station	Koala Care	KB200-05	1	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

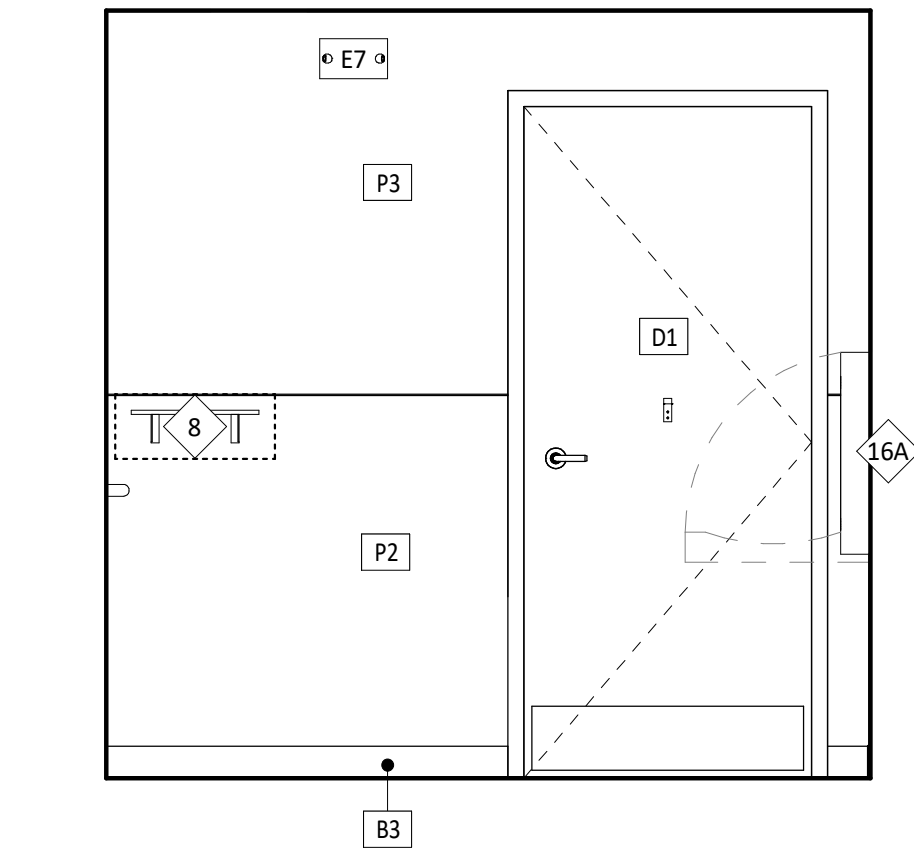
- A. ALL DIMENSIONS ARE TO FACE OF STUD UNLESS OTHERWISE NOTES.
- B. REFER TO A801 FOR FINISH DETAIL NOTES.
- C. ALL ACCESSORIES SHALL BE AS MANUFACTURED BY AMERICAN SPECIALTIES INC OR TENANT-APPROVED EQUIVALENT UNLESS DESIGNATED OTHERWISE. PROVIDE SOLID FRD WOOD BLOCKING AS NECESSARY FOR INSTALLATION 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

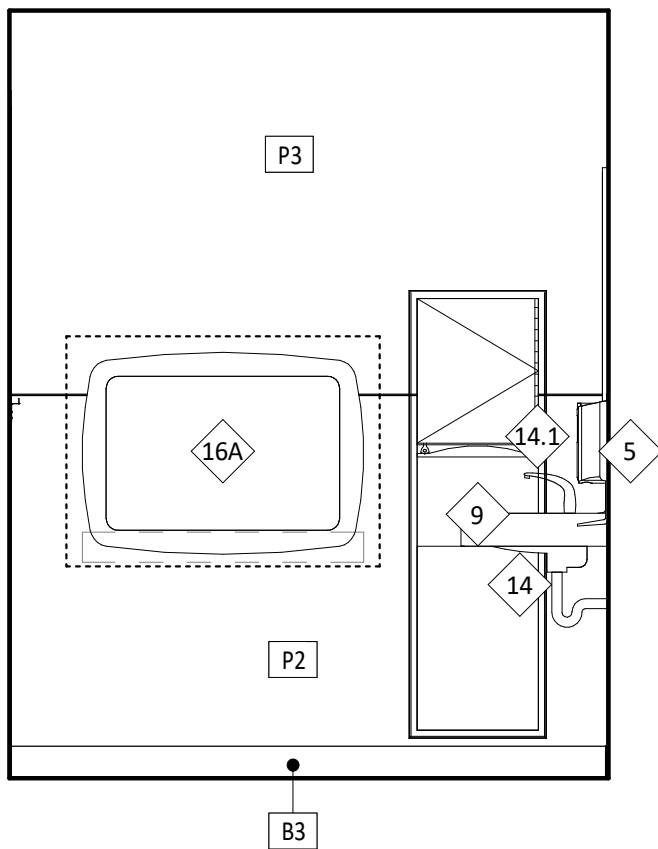
⬡ DENOTES WOOD BLOCKING IN WALL BEHIND WALL MOUNTED OBJECT U.N.O.



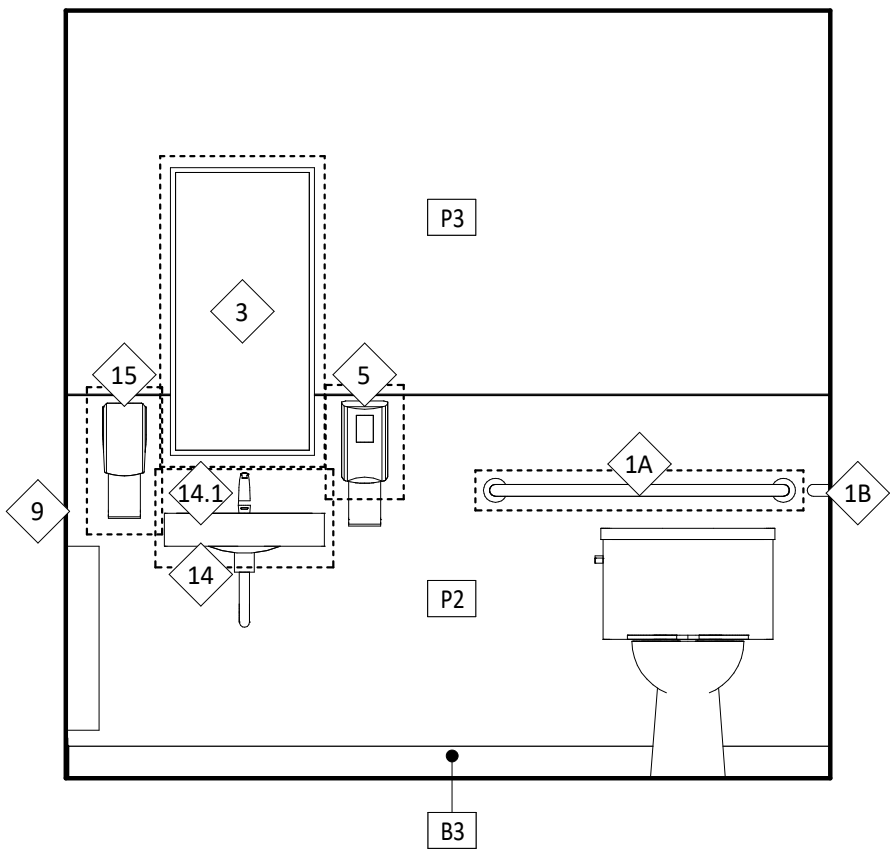
1 ENLARGED PLAN
SCALE: 1/2" = 1'-0"



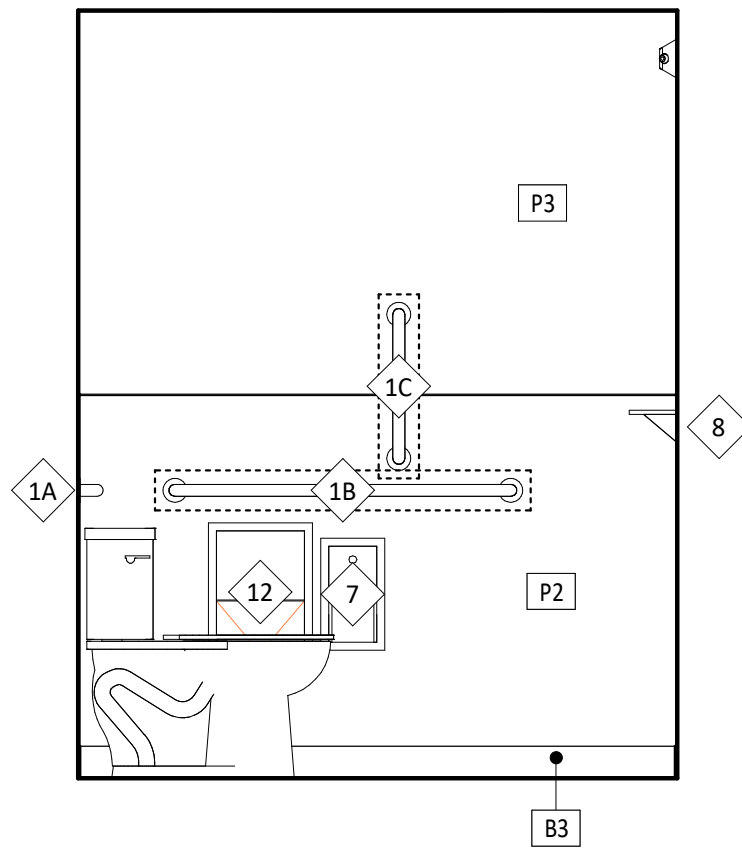
2 UNISEX 1 RESTROOM
SCALE: 1/2" = 1'-0"



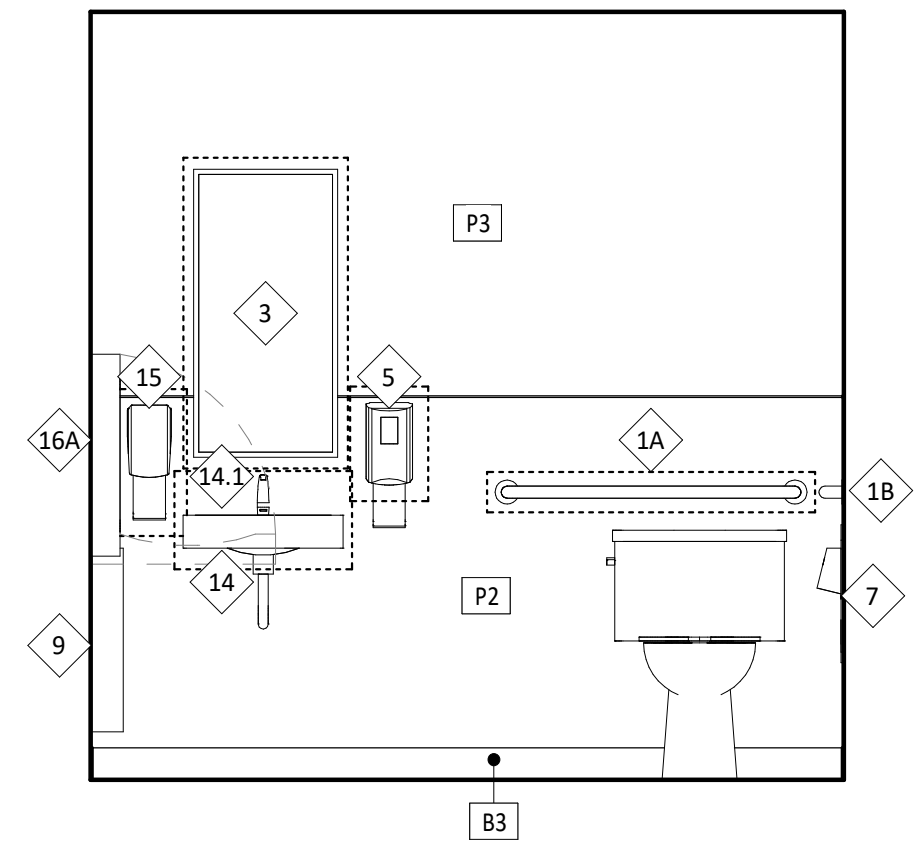
3 UNISEX 1 RESTROOM
SCALE: 1/2" = 1'-0"



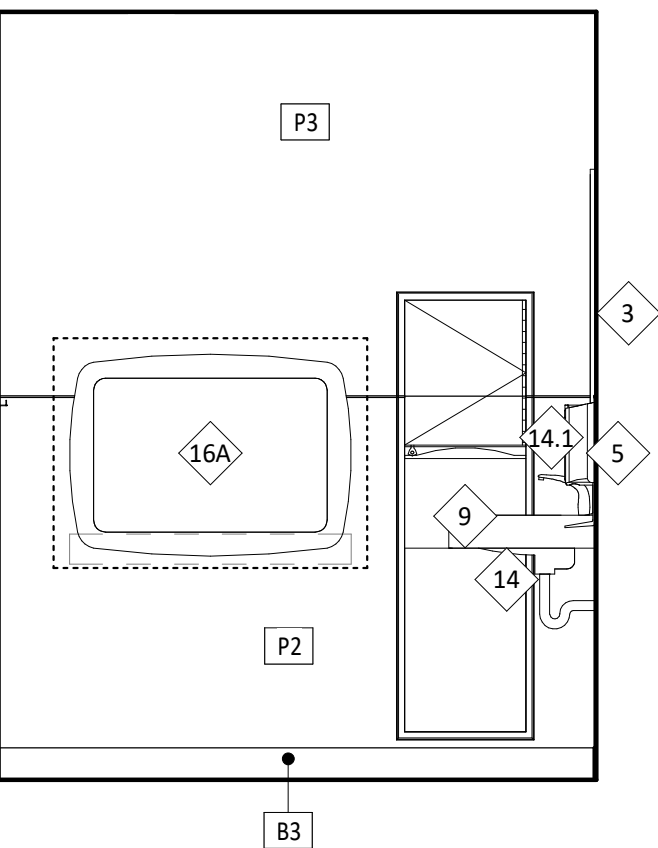
4 UNISEX 1 RESTROOM
SCALE: 1/2" = 1'-0"



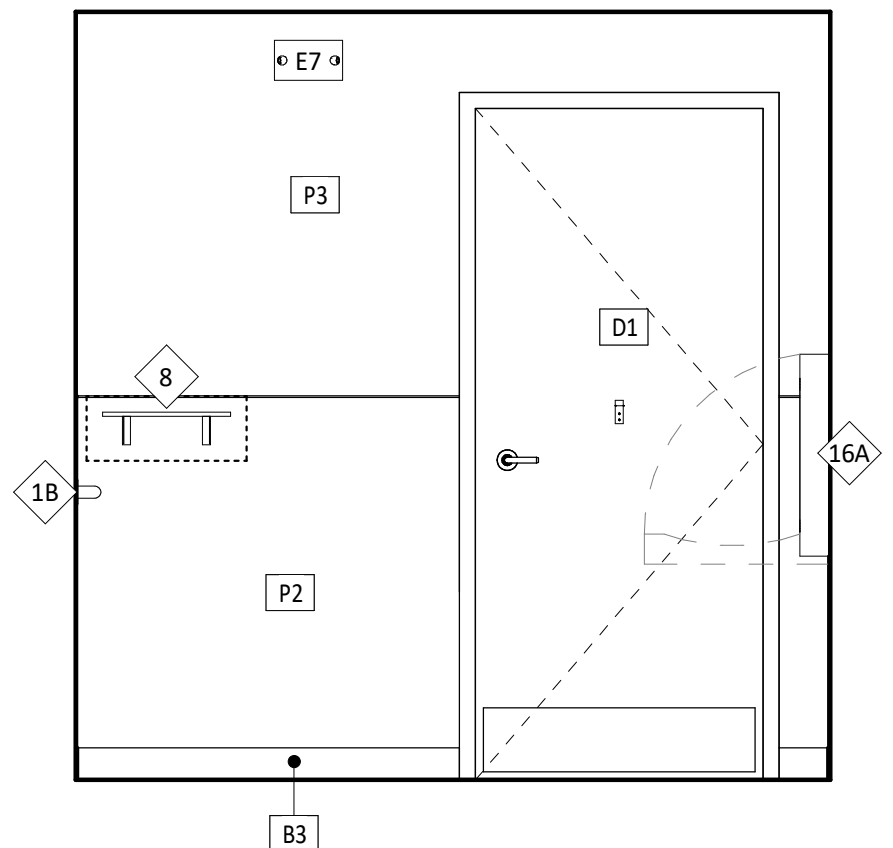
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SCALE: 1/2" = 1'-0"



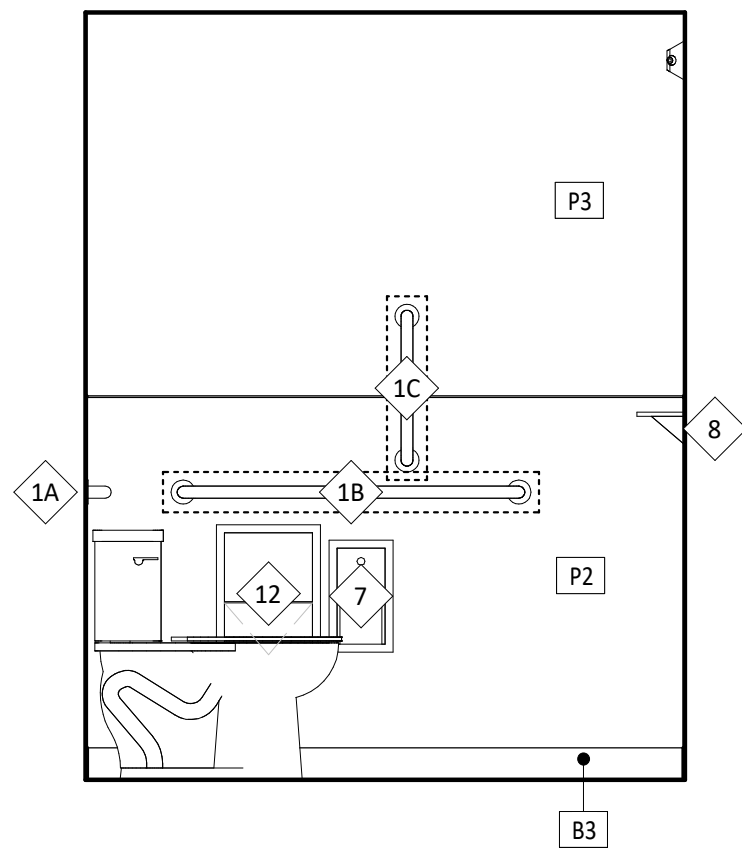
6 UNISEX 2 RESTROOM
SCALE: 1/2" = 1'-0"



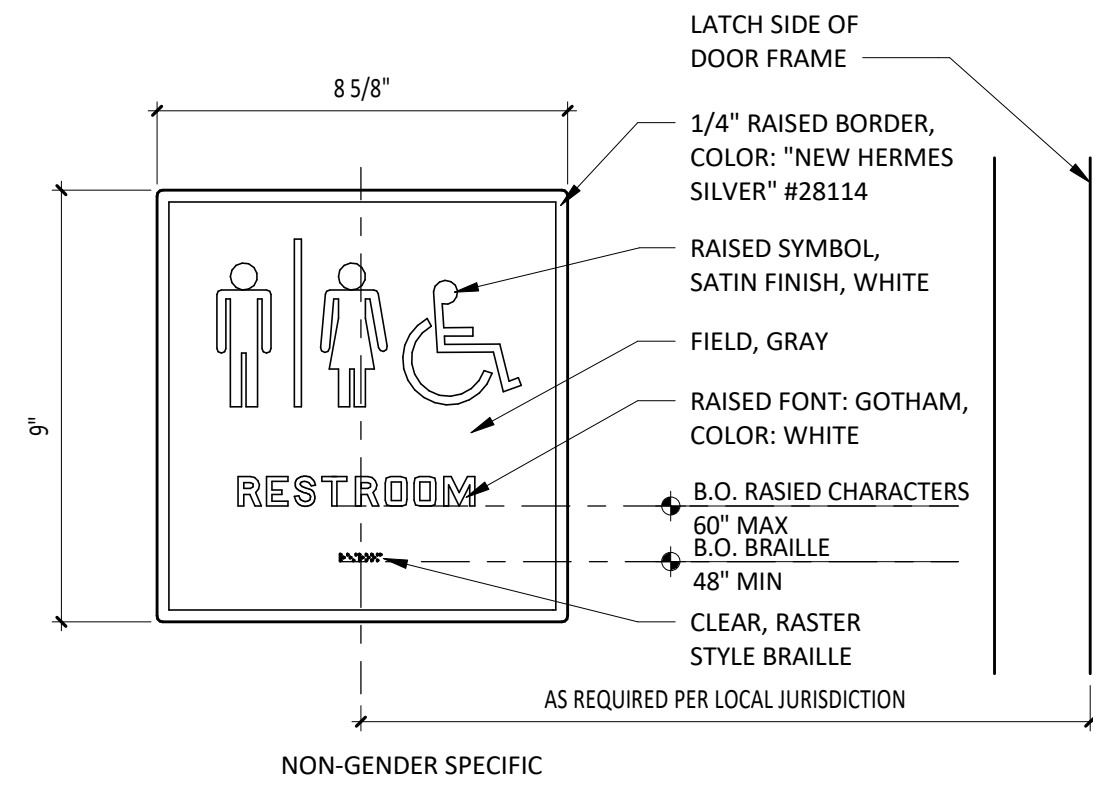
7 UNISEX 2 RESTROOM
SCALE: 1/2" = 1'-0"



8 UNISEX 2 RESTROOM
SCALE: 1/2" = 1'-0"



9 UNISEX 2 RESTROOM
SCALE: 1/2" = 1'-0"



10 TYPICAL RESTROOM SIGNAGE
SCALE: 3" = 1'-0"

CONSULTANT:



CLIENT:



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07/11/2024 CONSTRUCTION SET

REVISIONS:

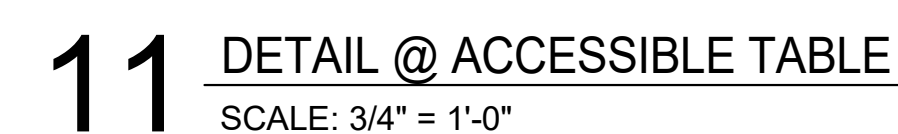
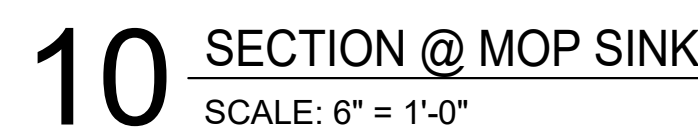
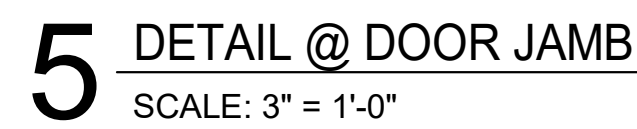
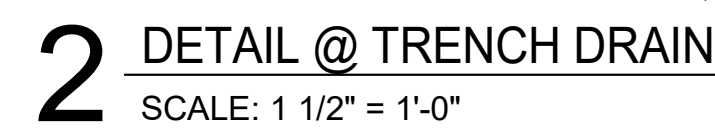
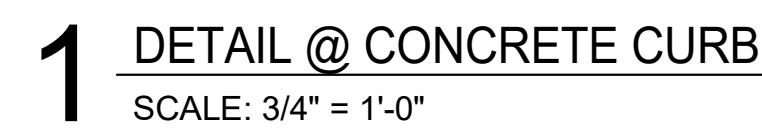
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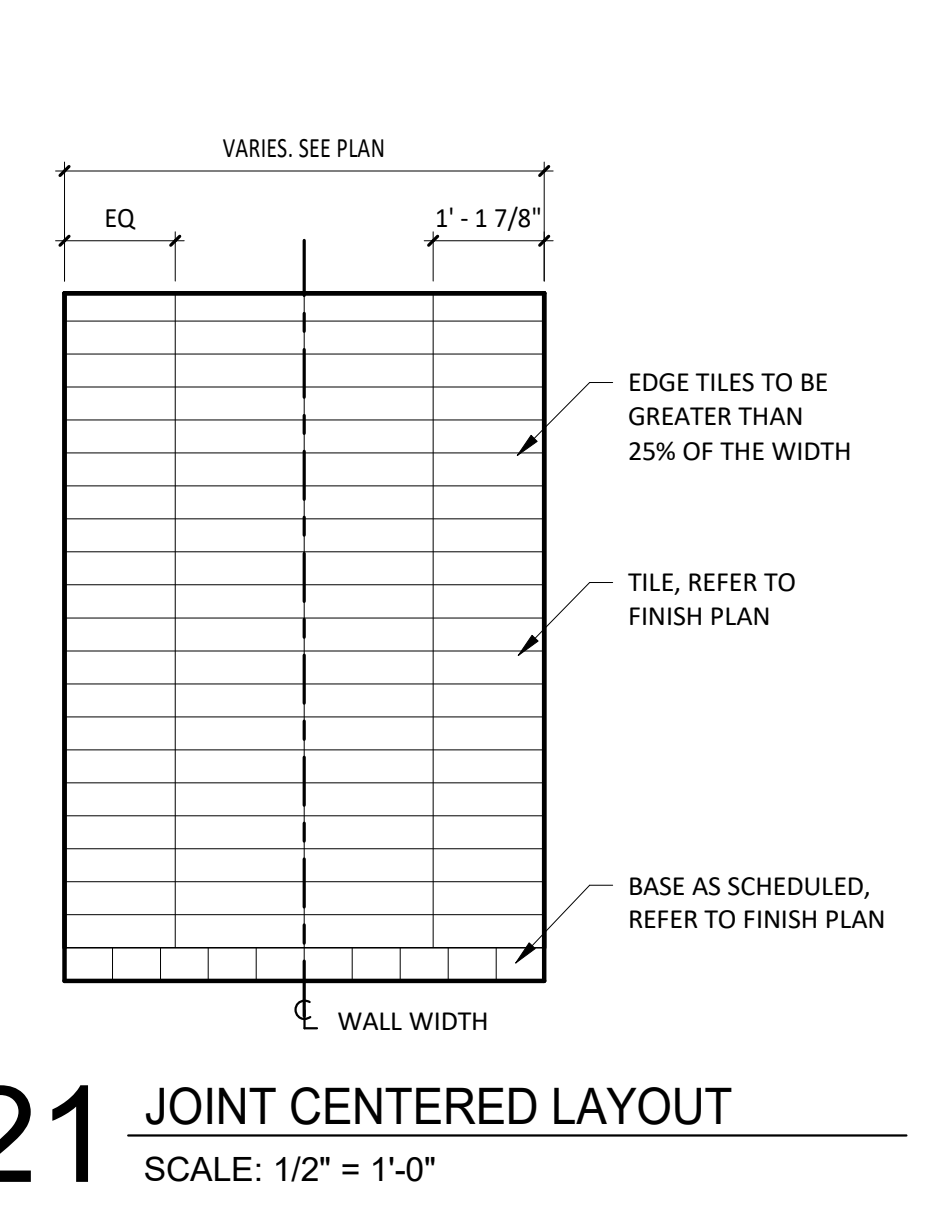
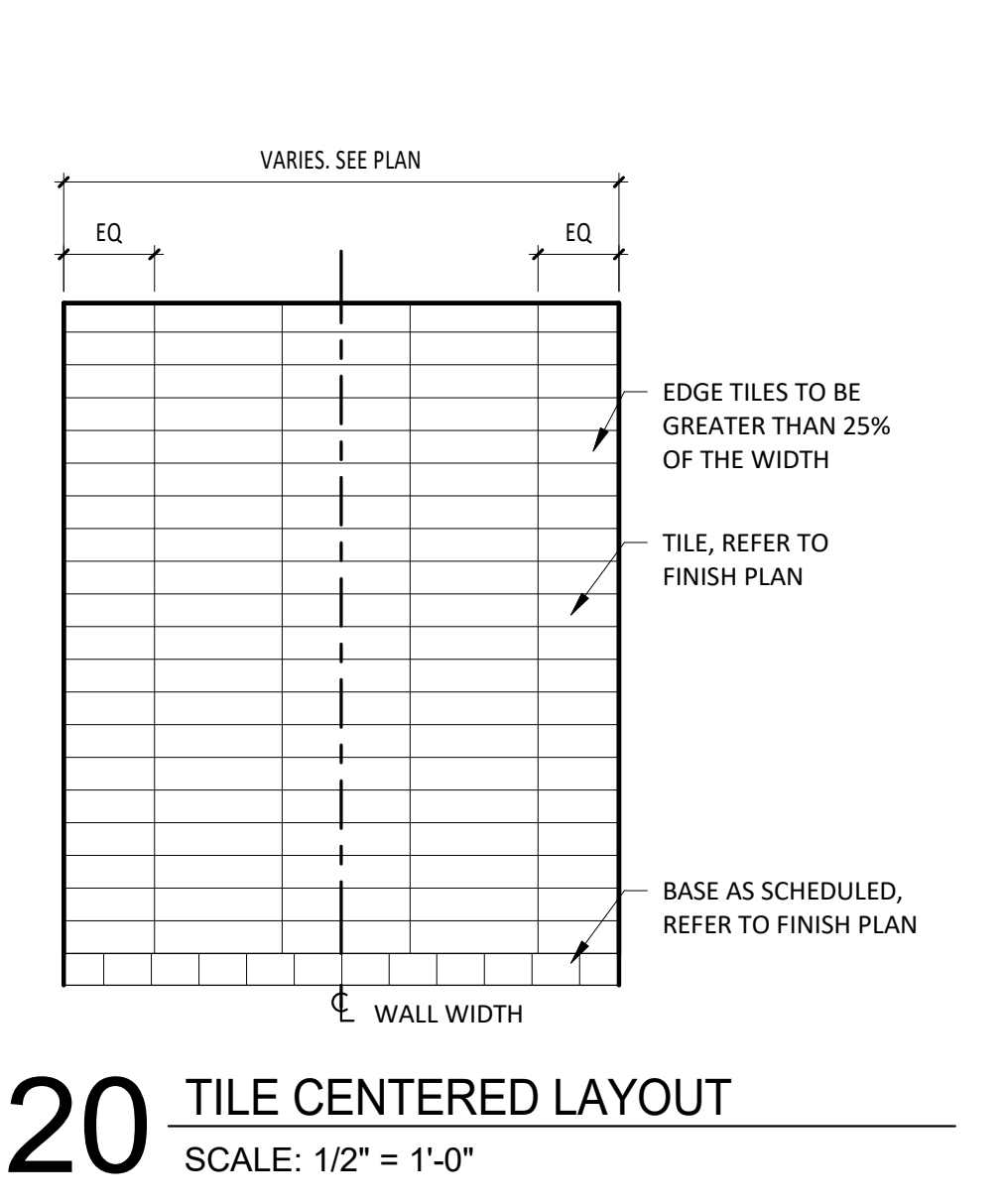
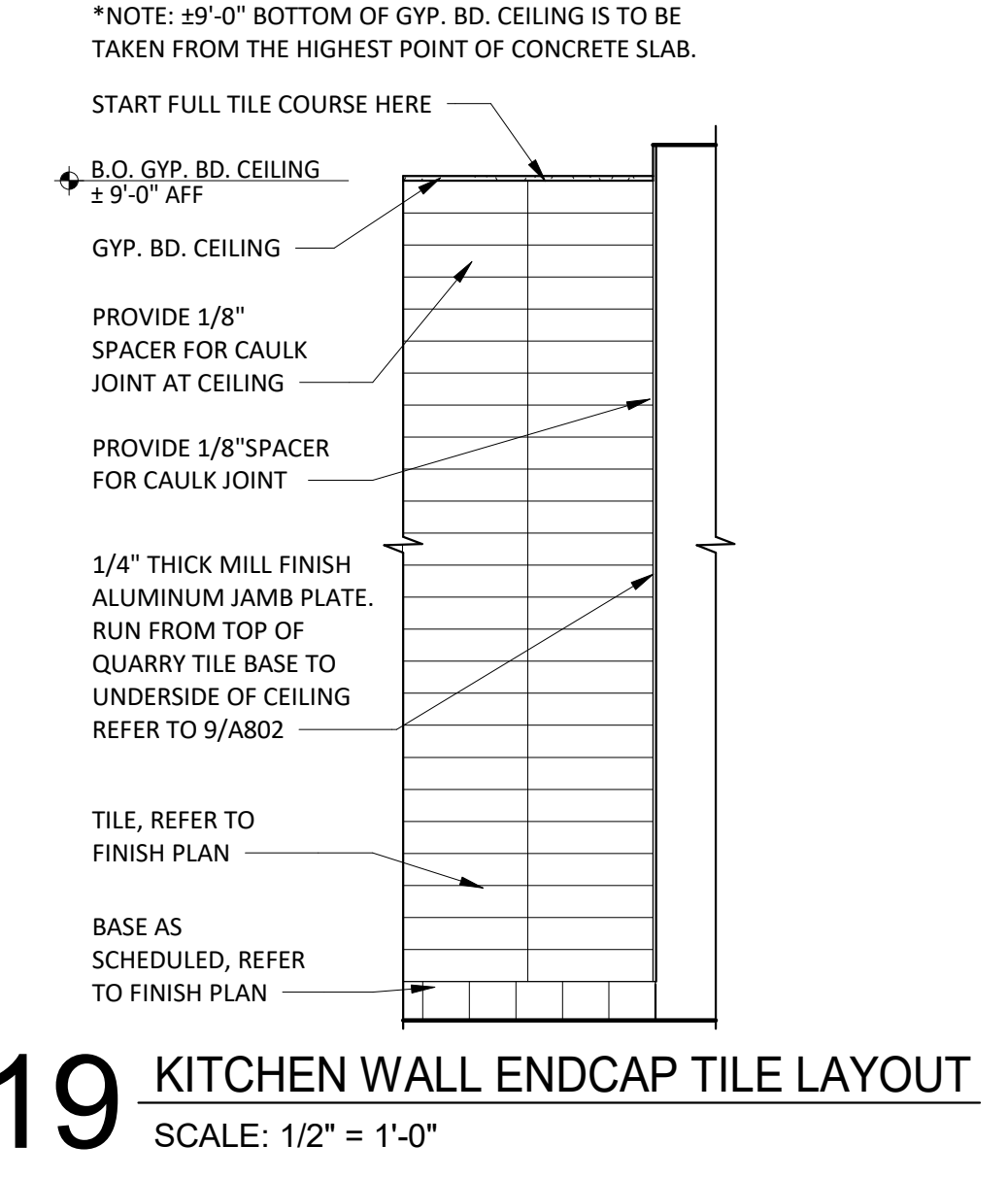
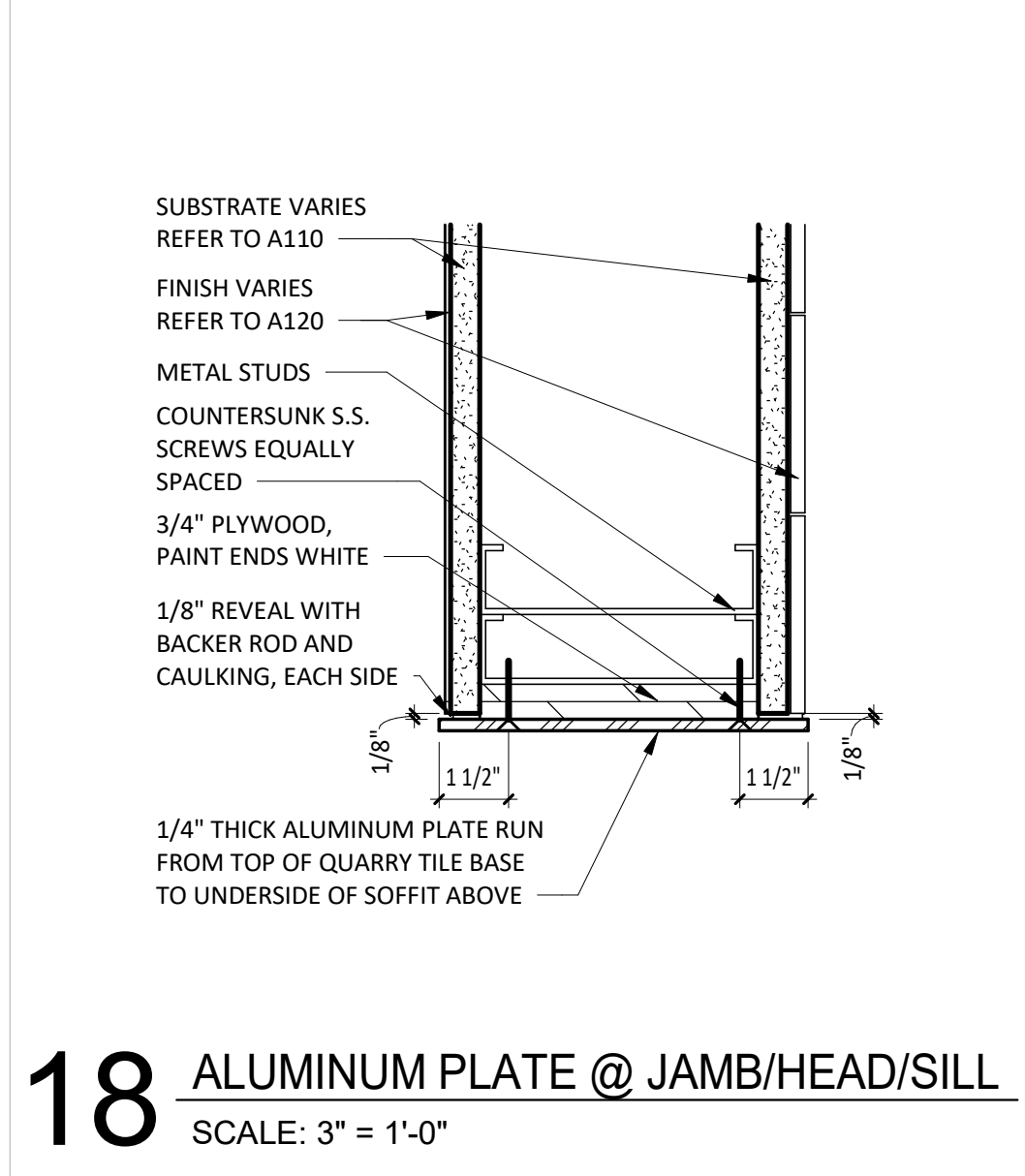
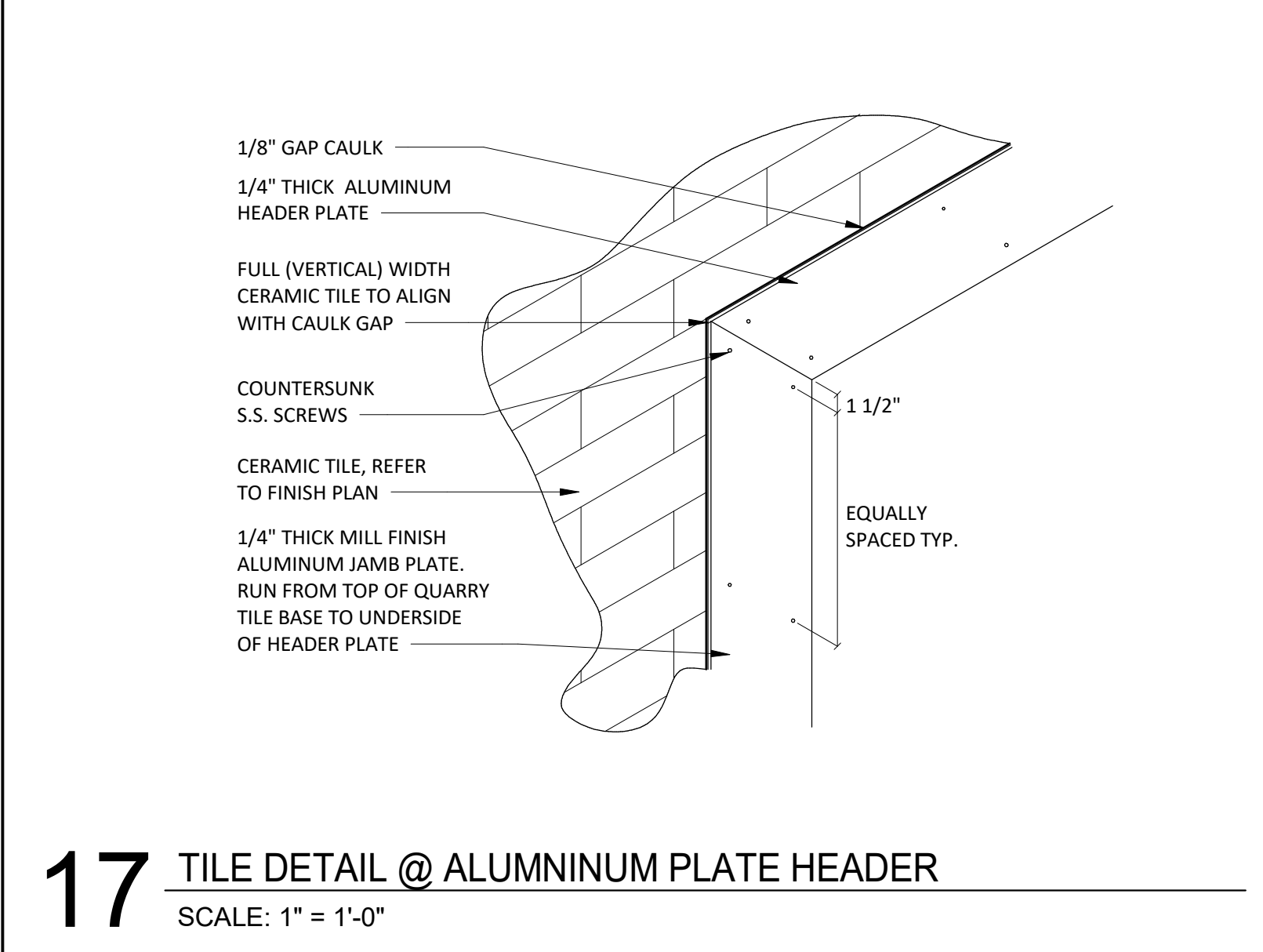
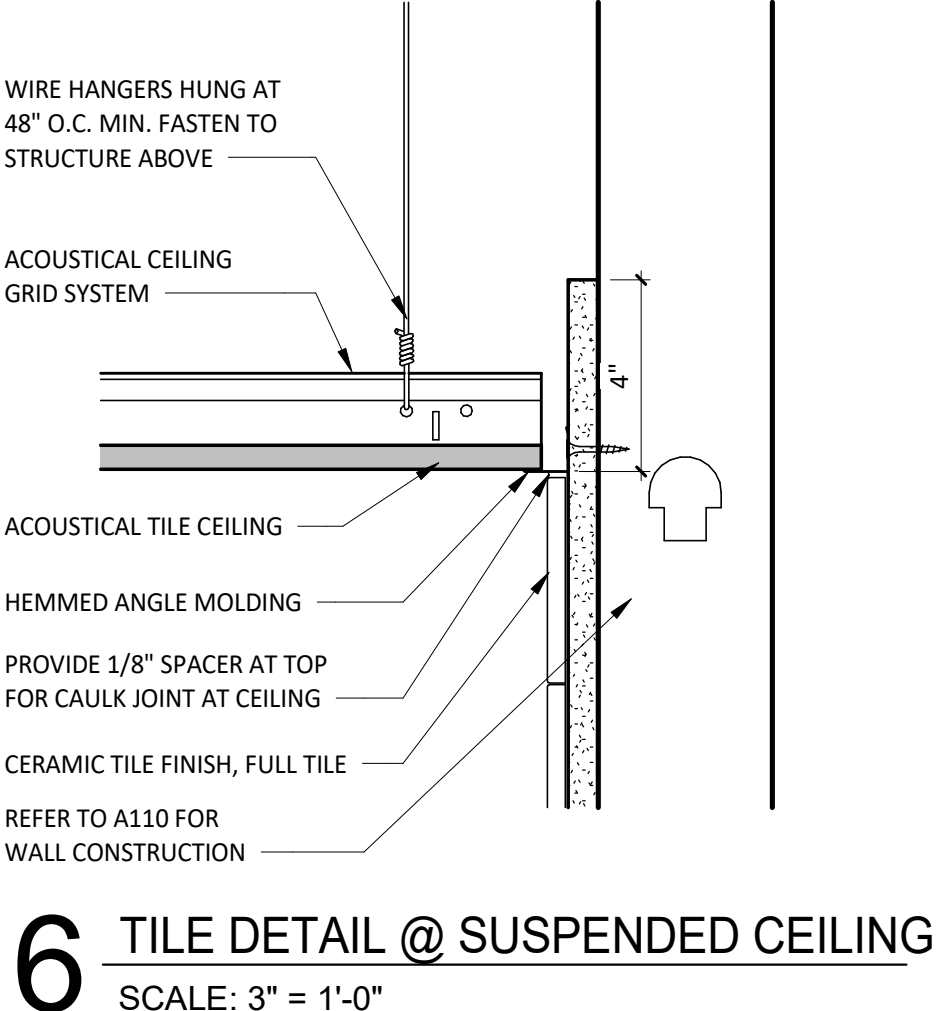
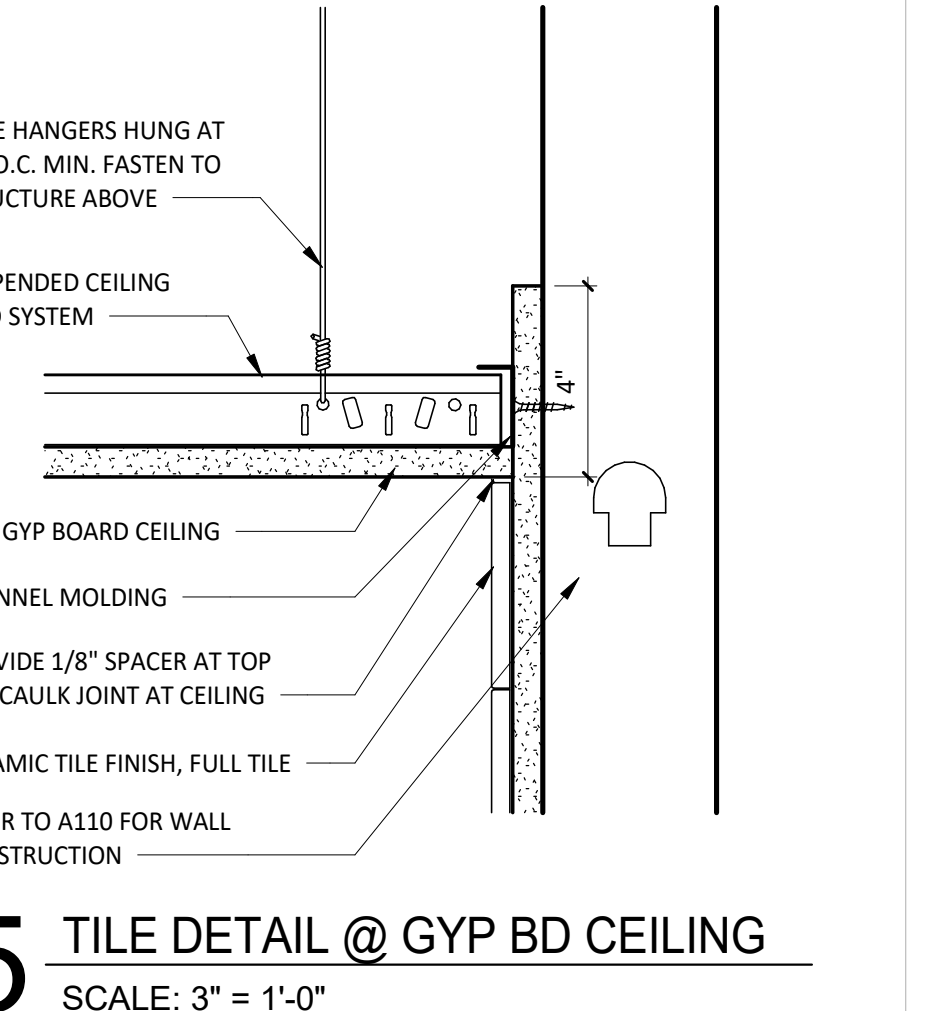
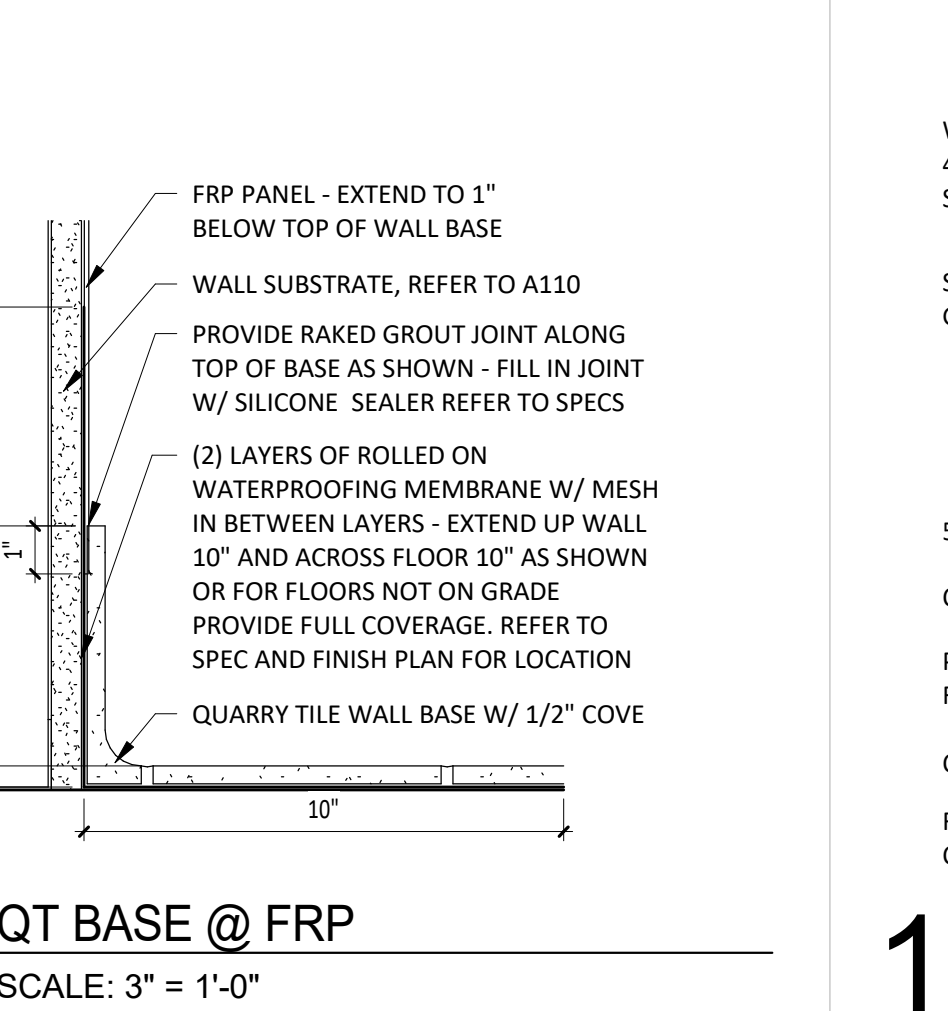
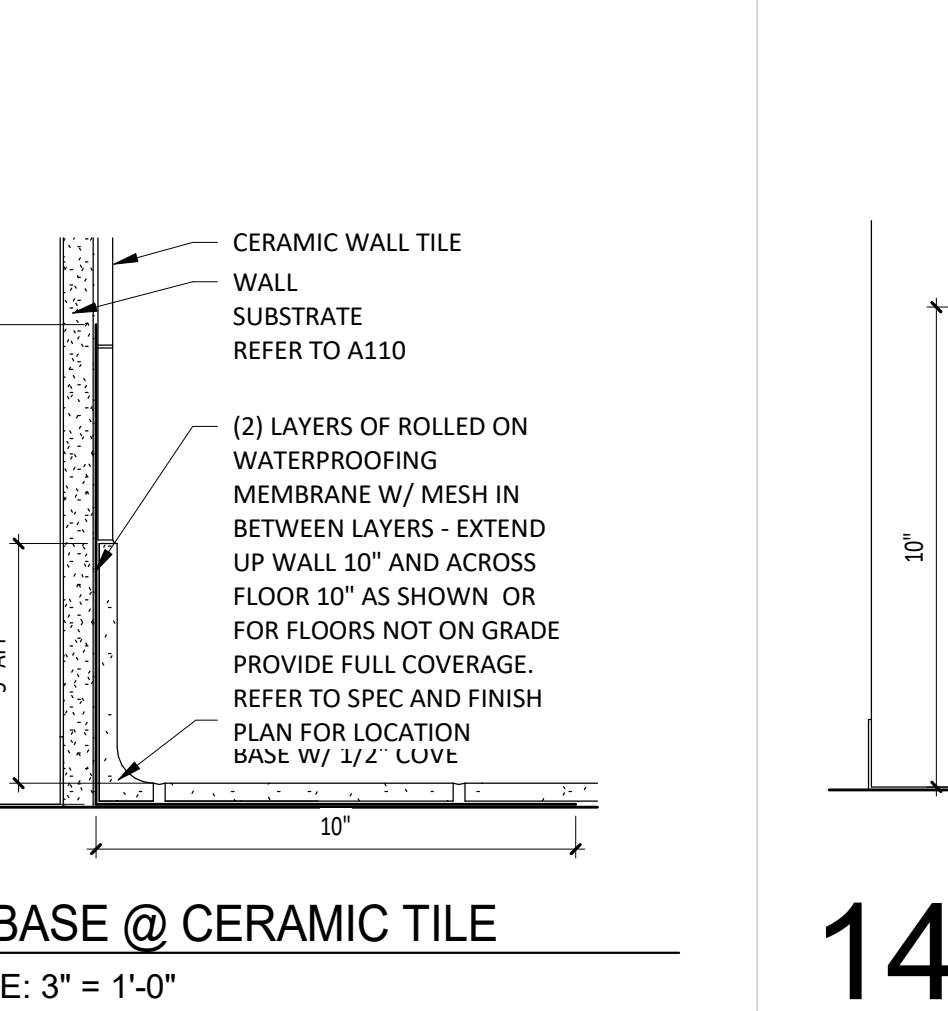
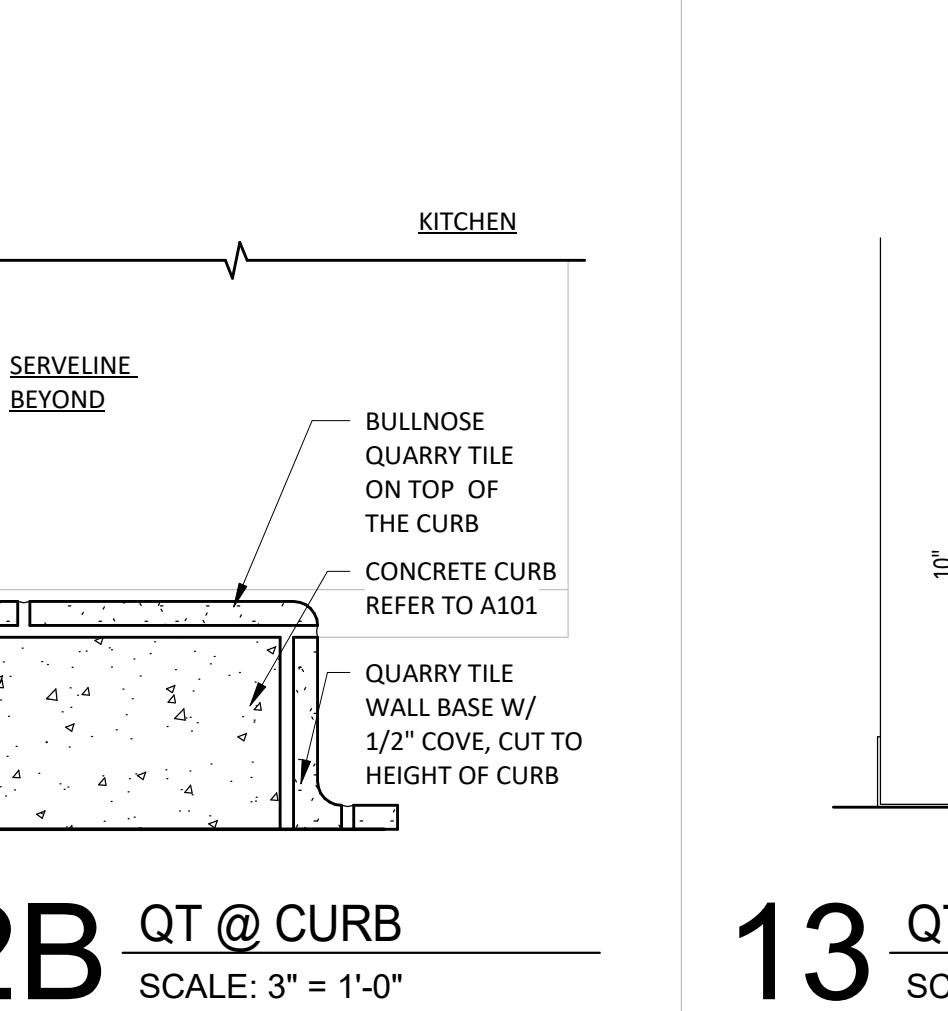
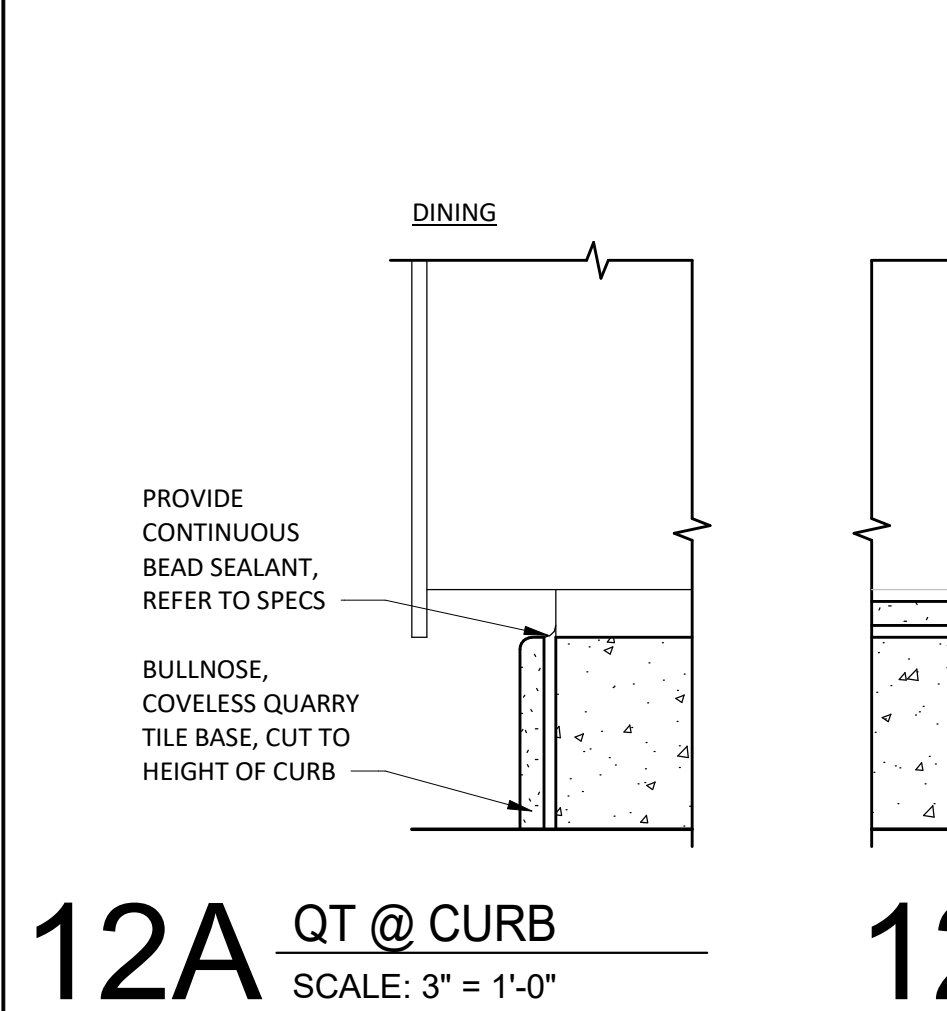
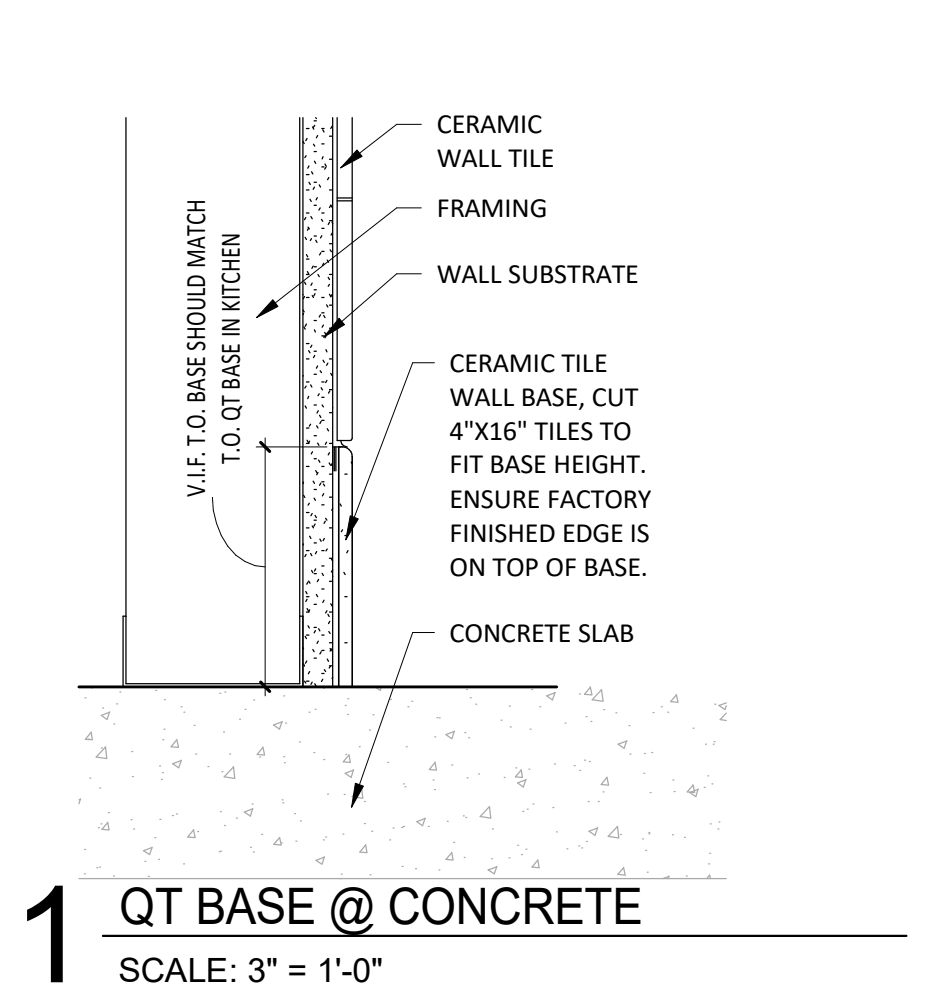
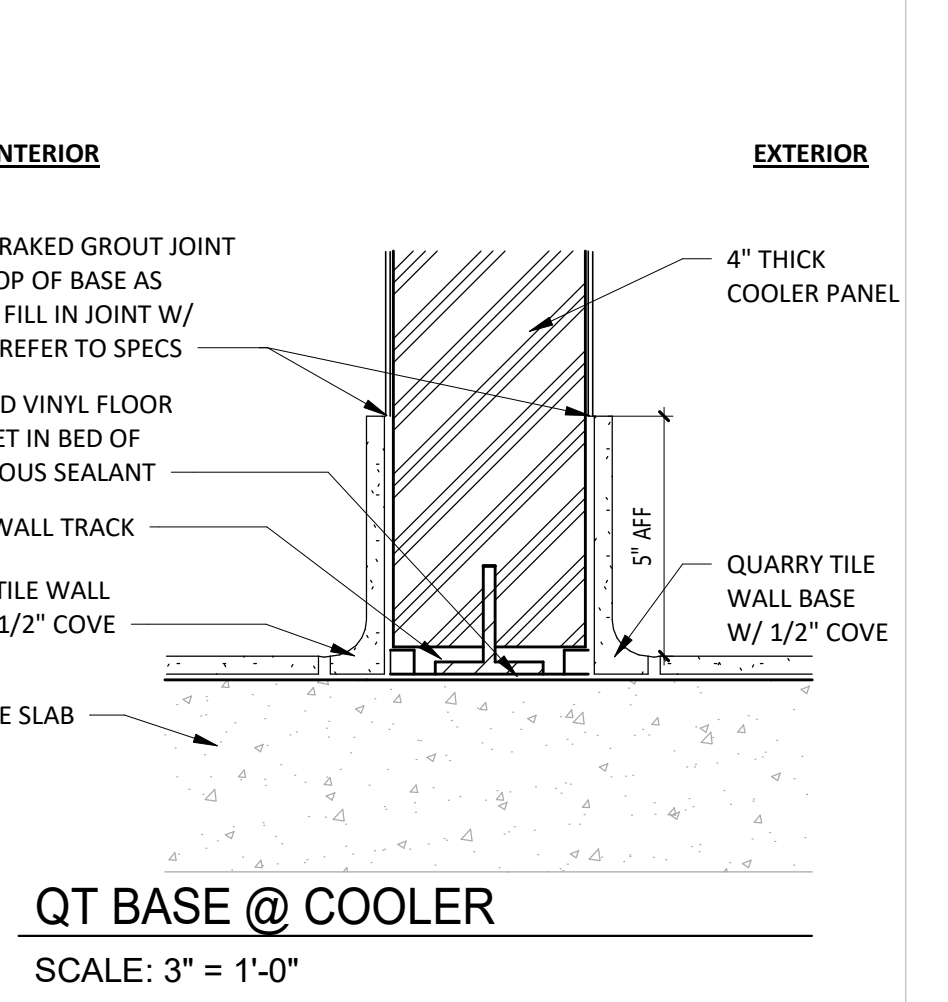
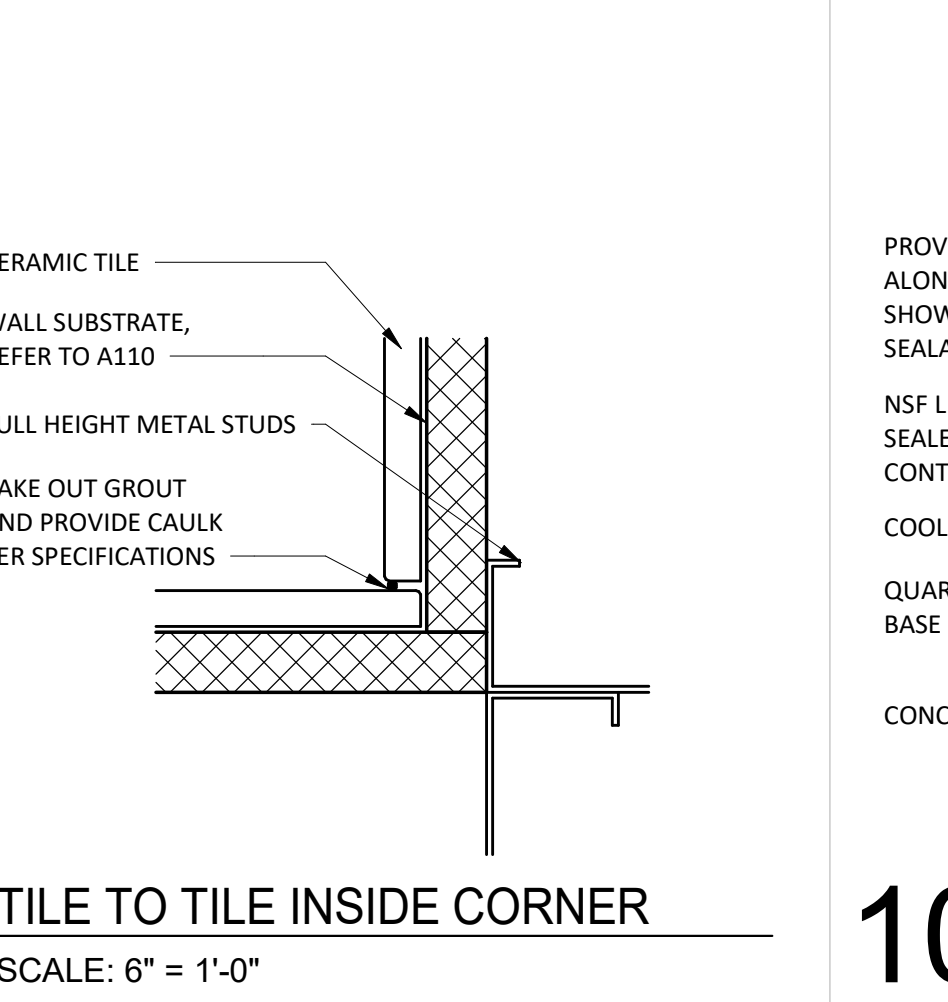
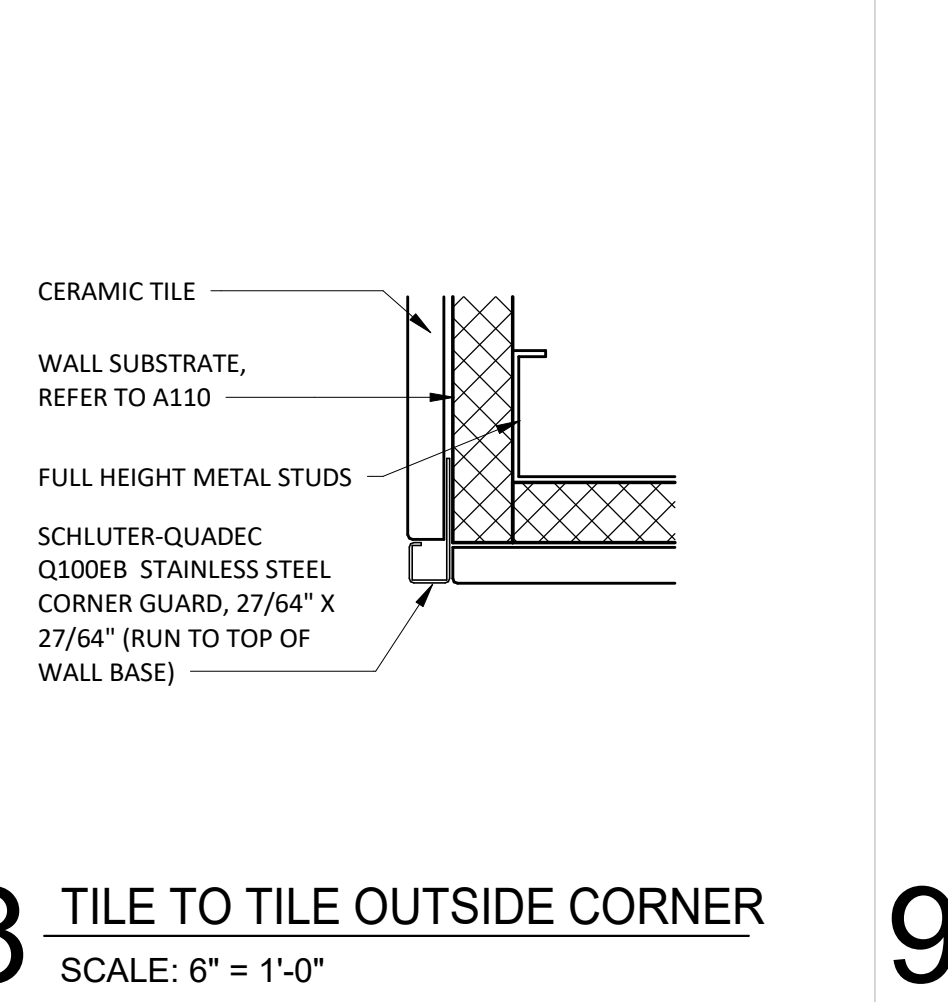
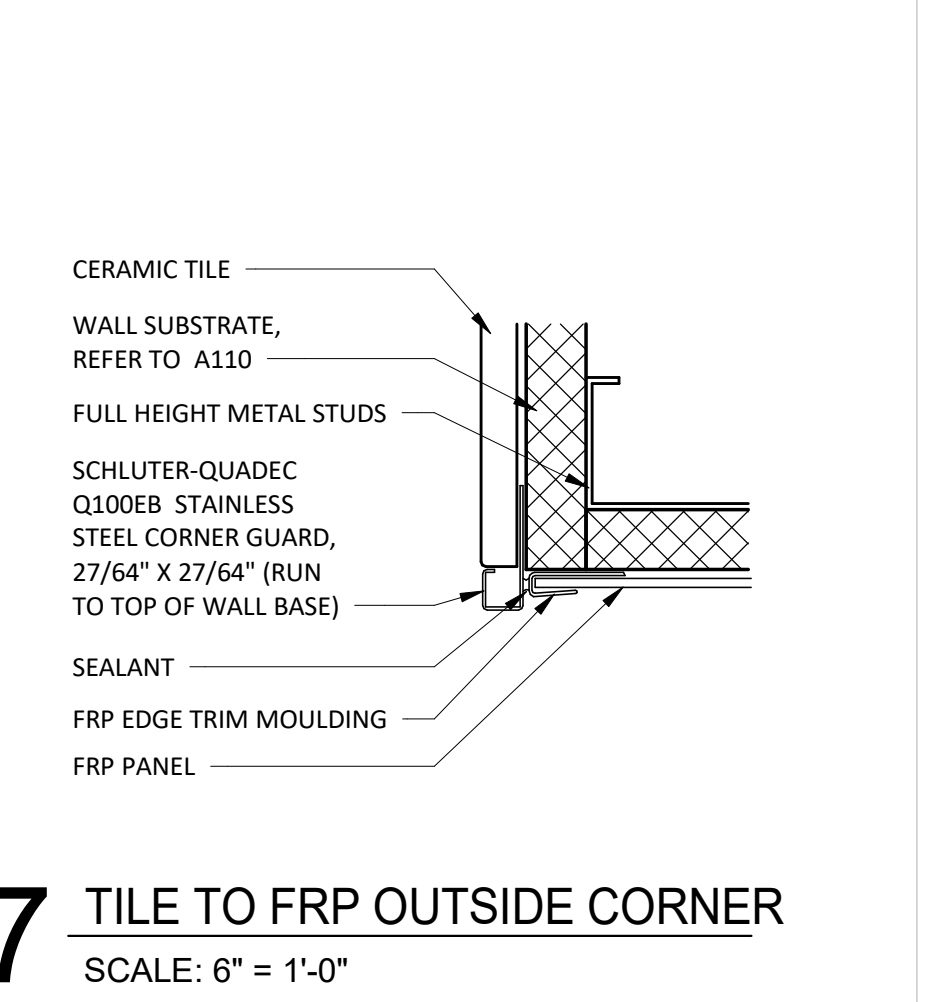
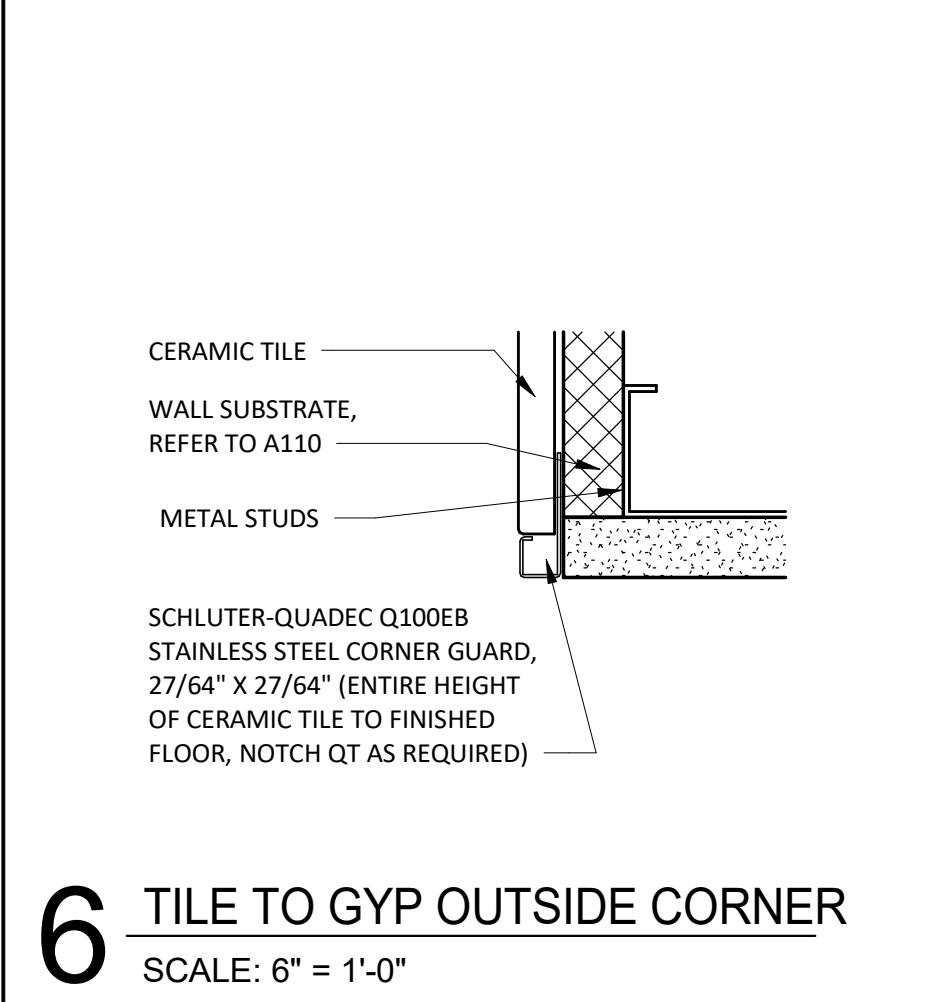
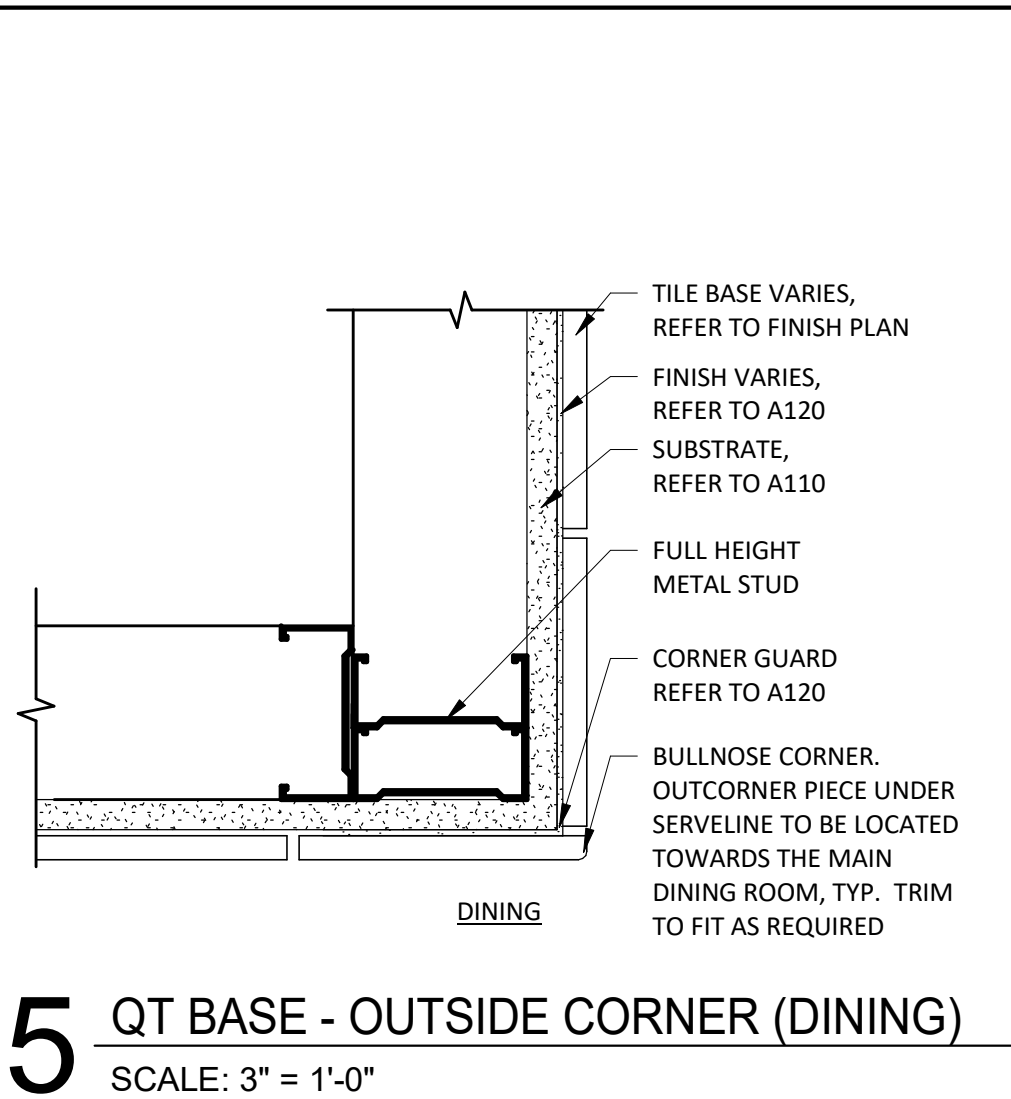
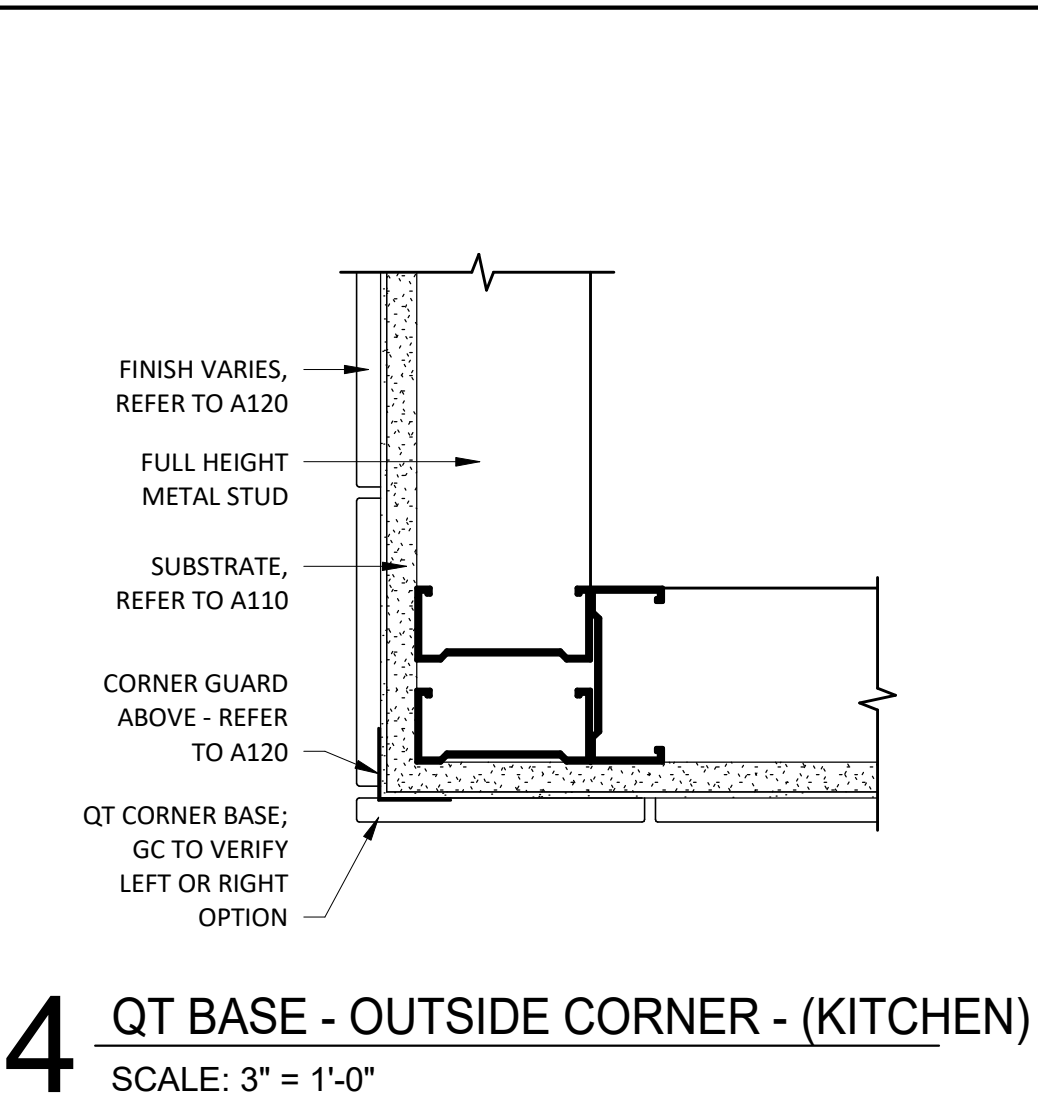
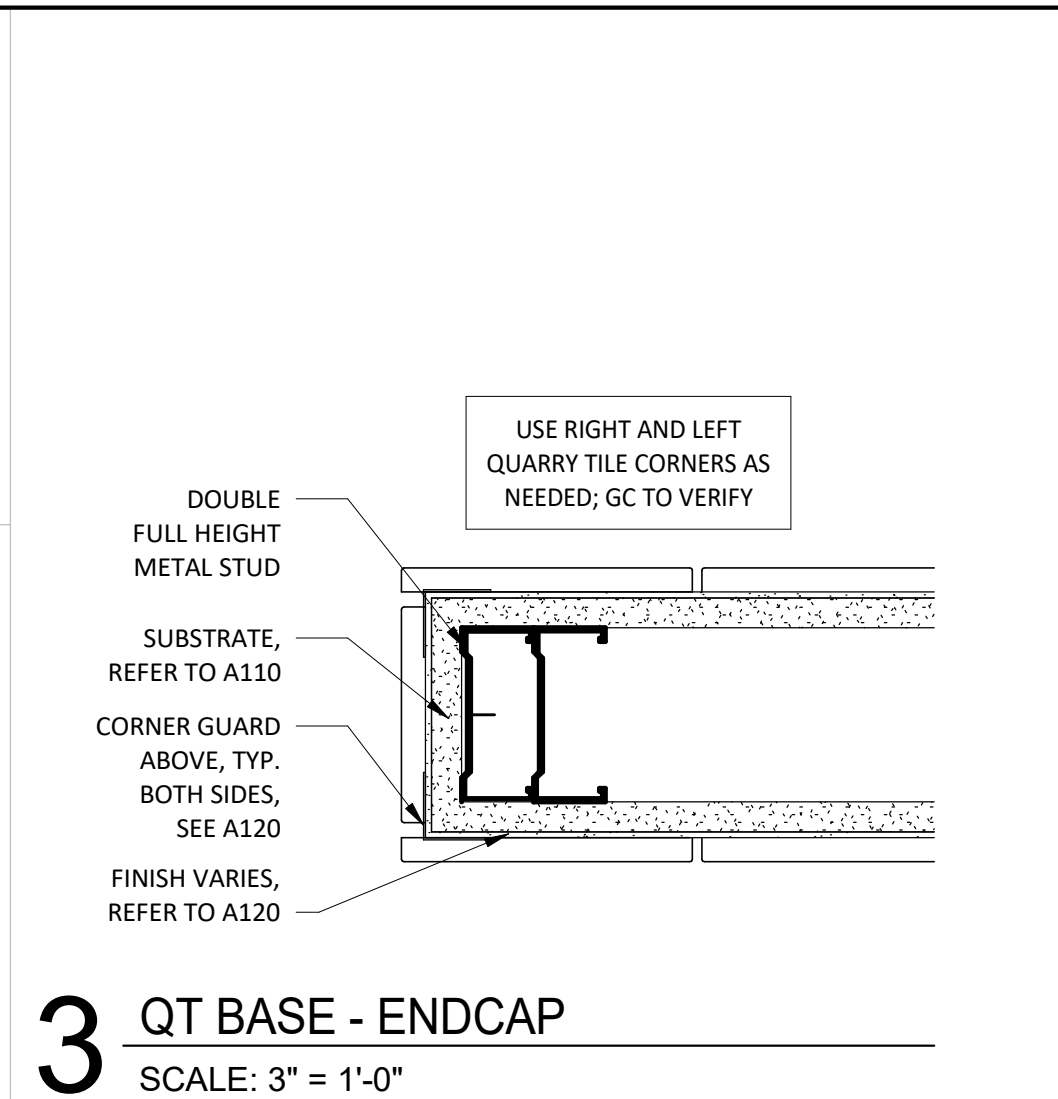
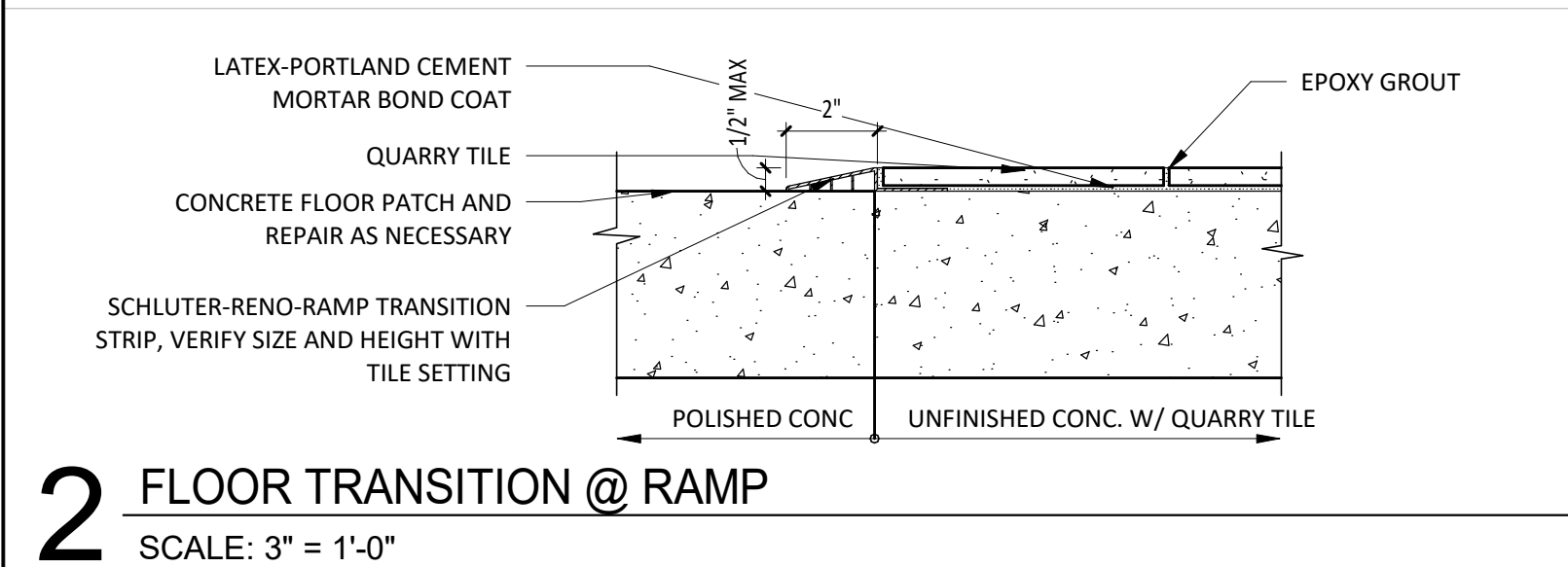
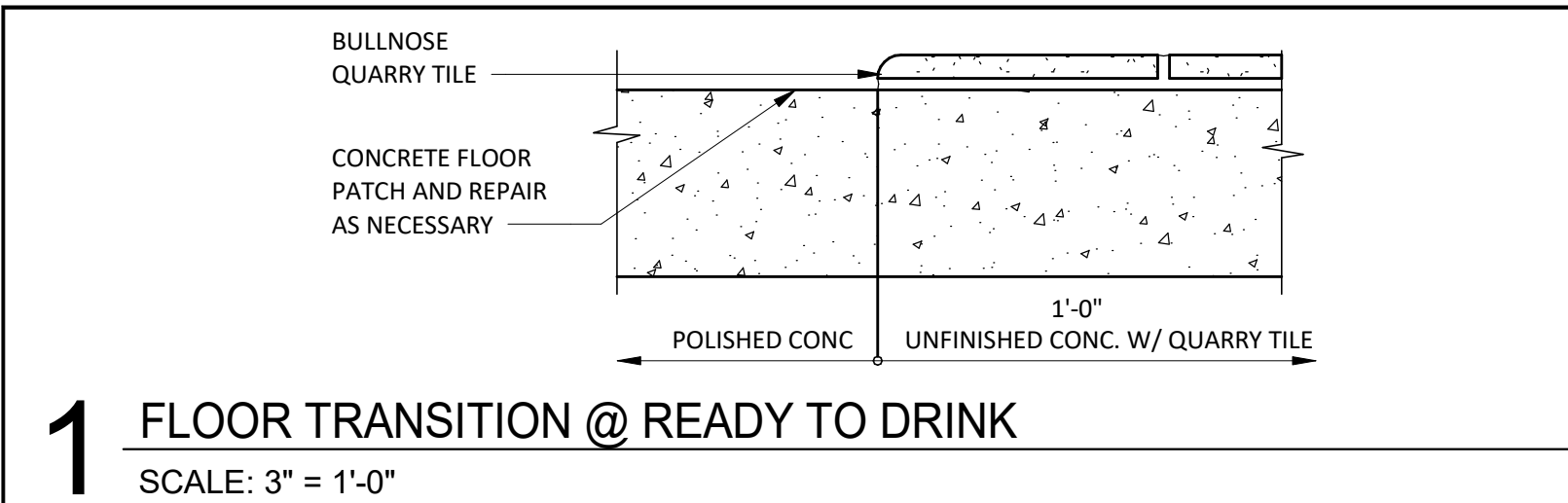
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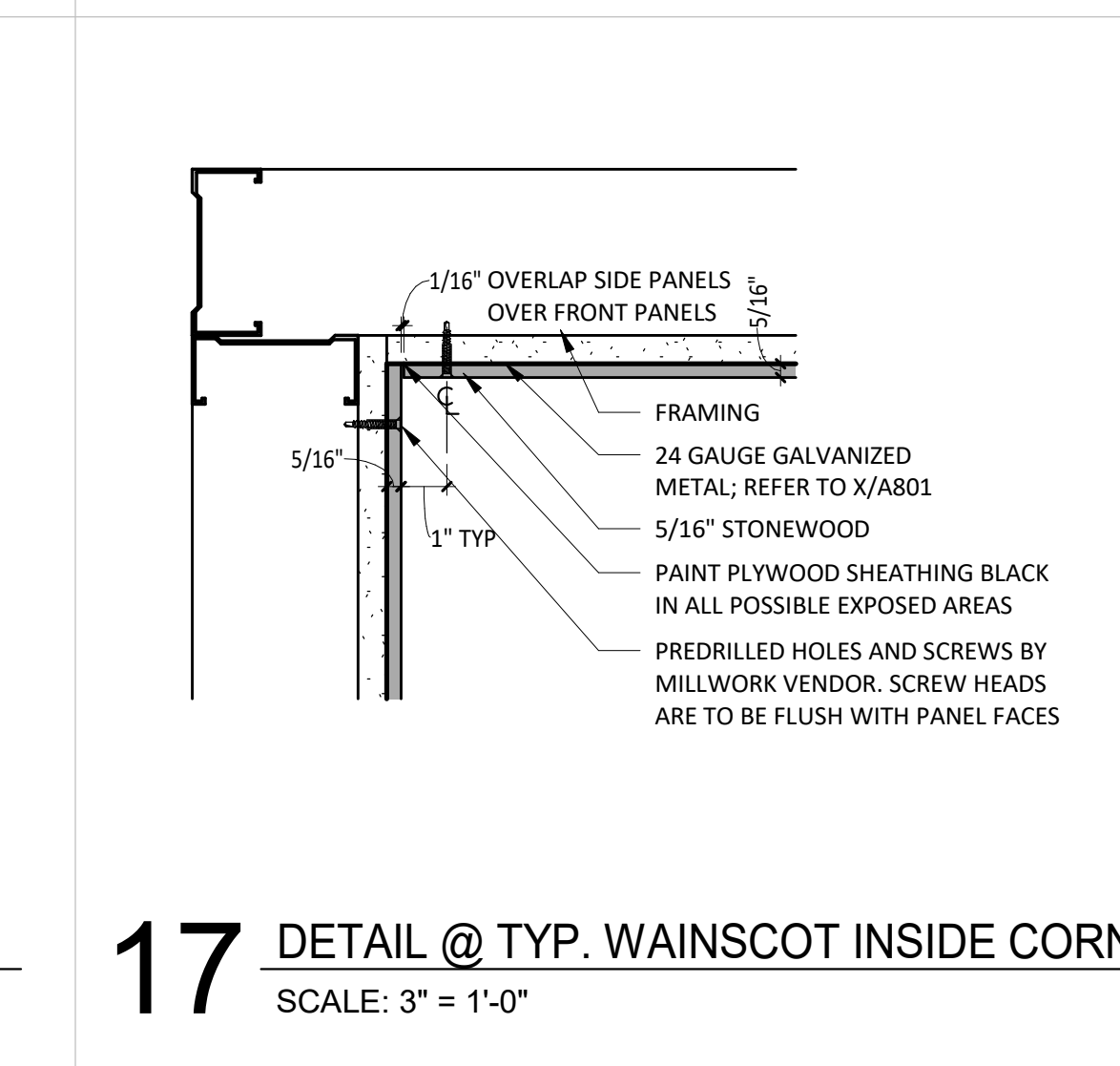
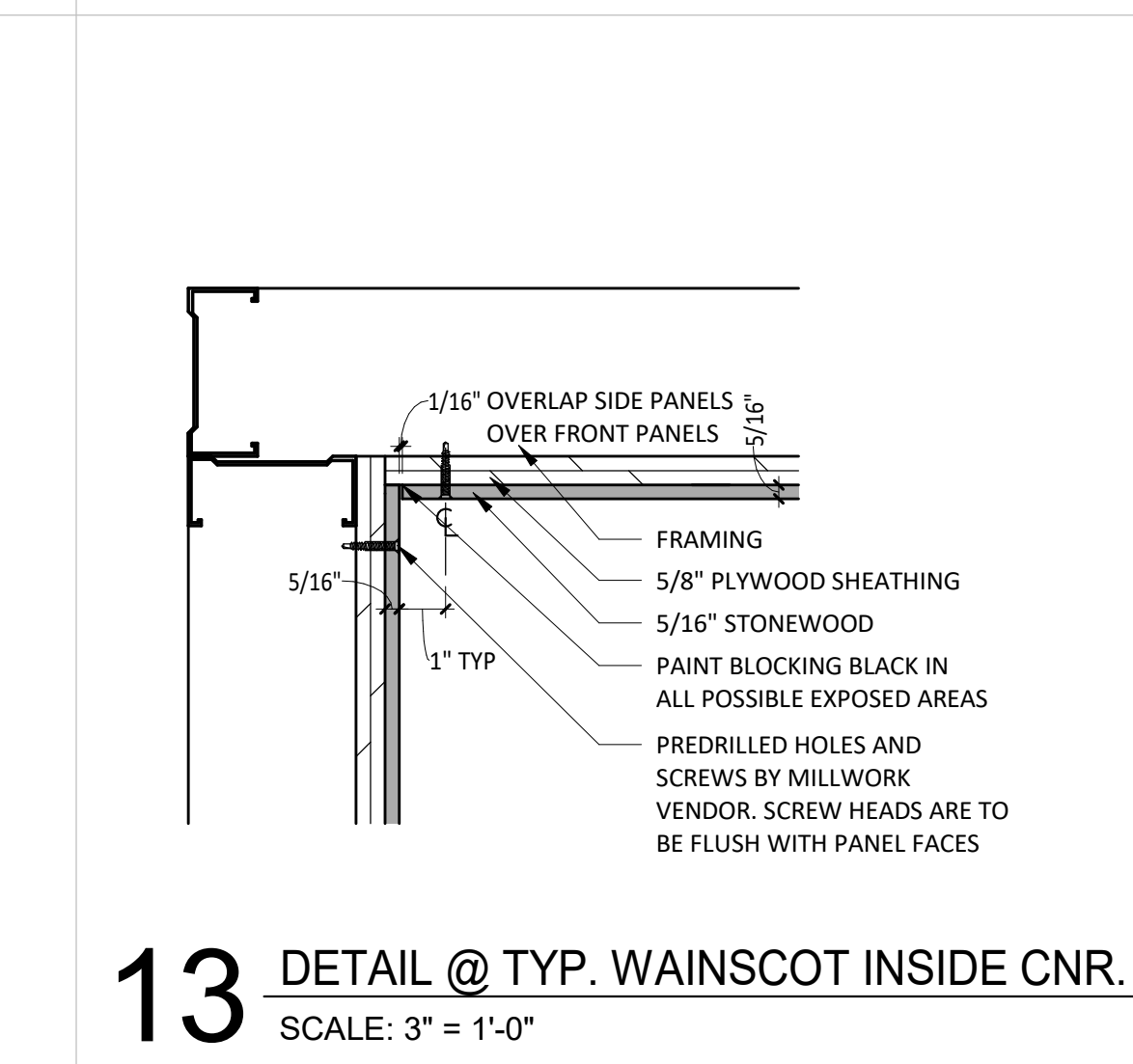
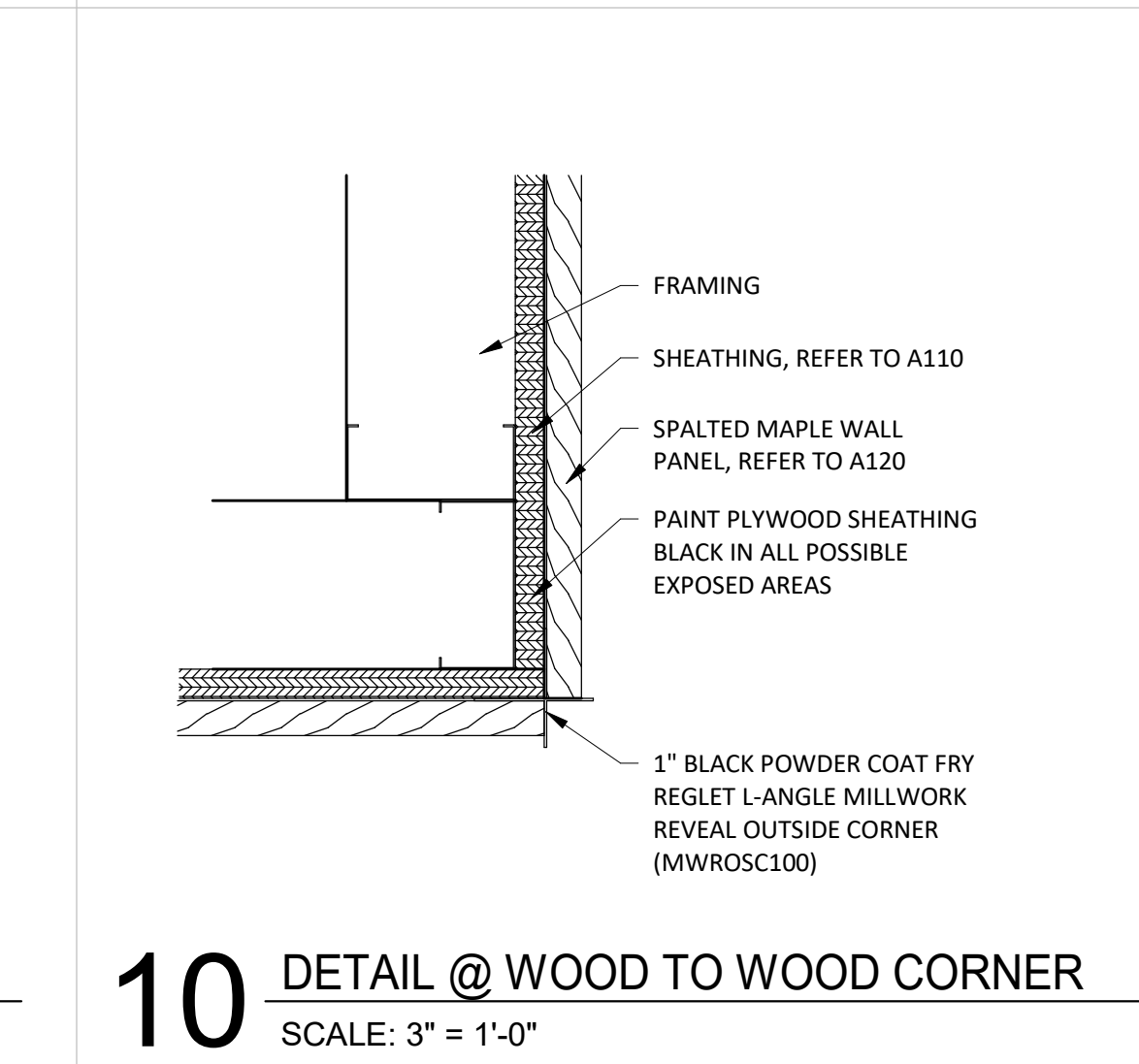
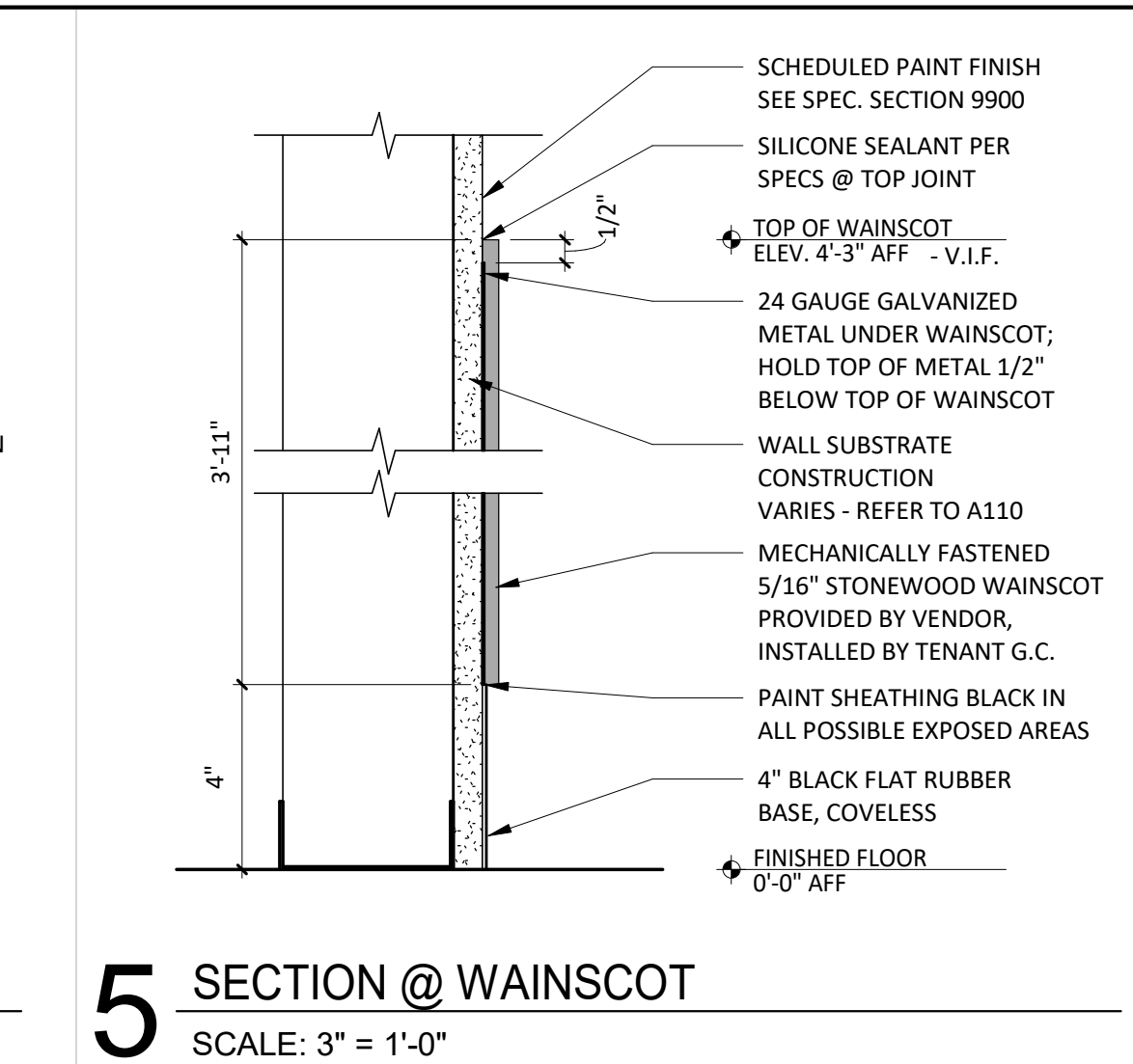
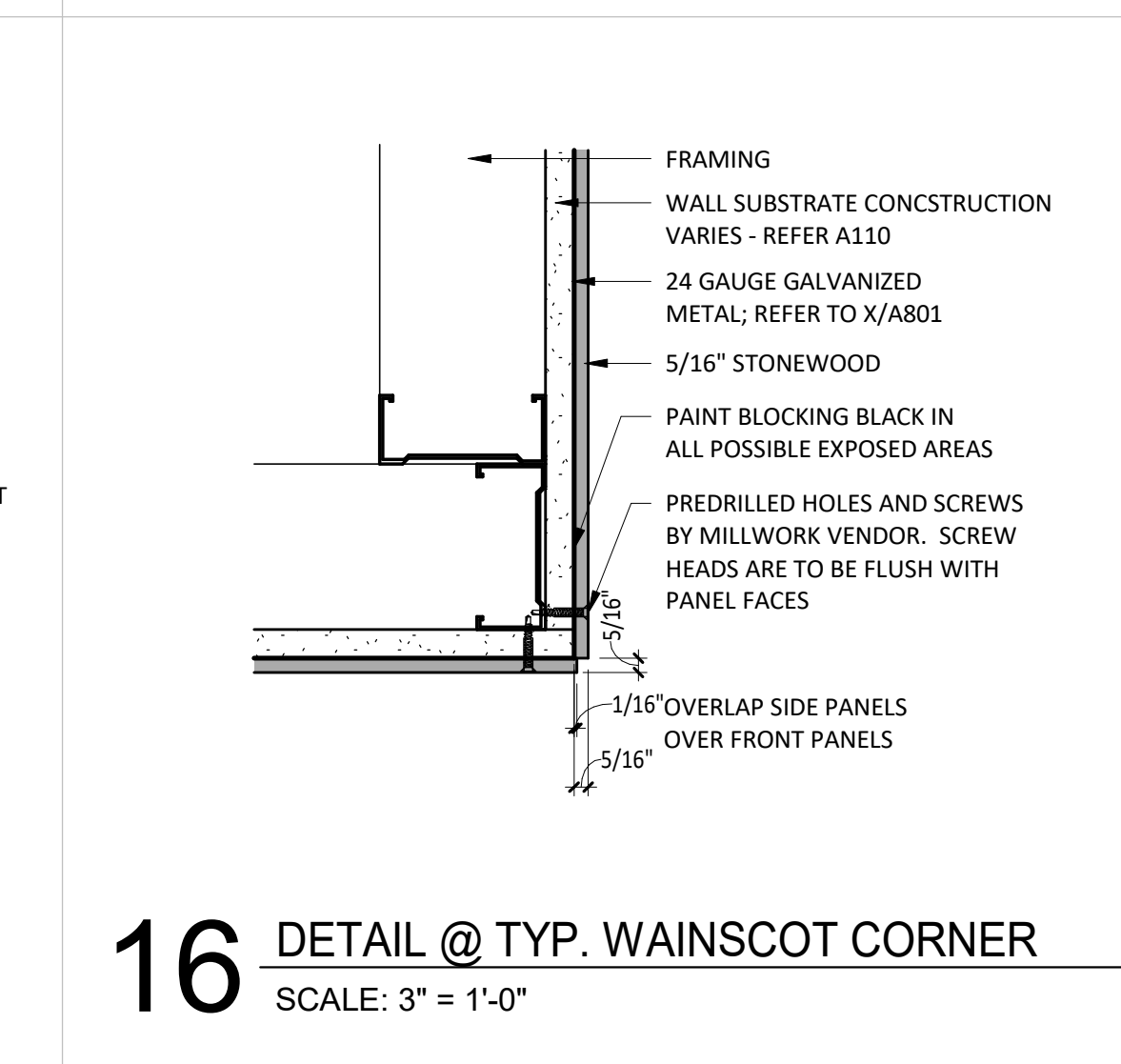
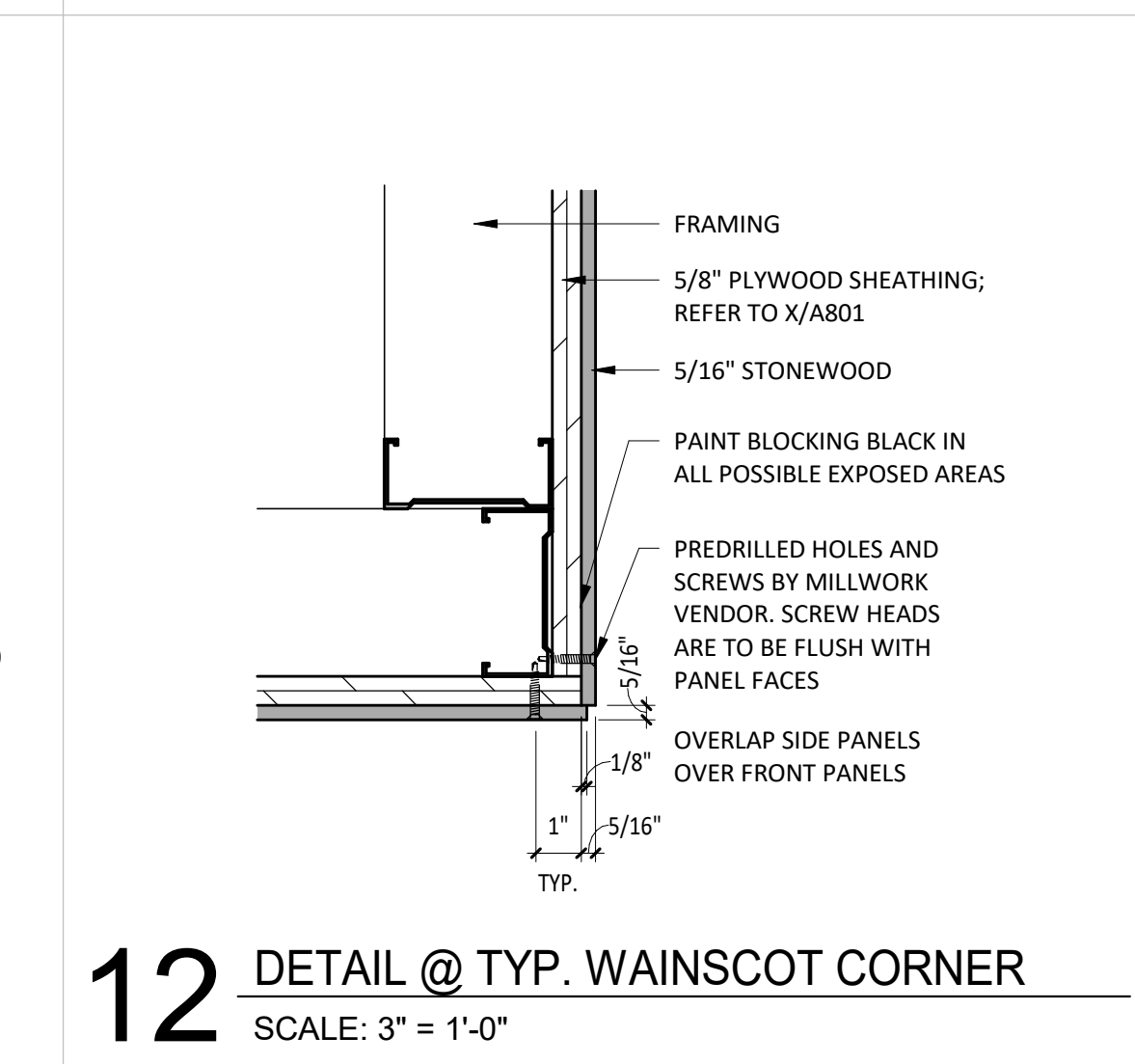
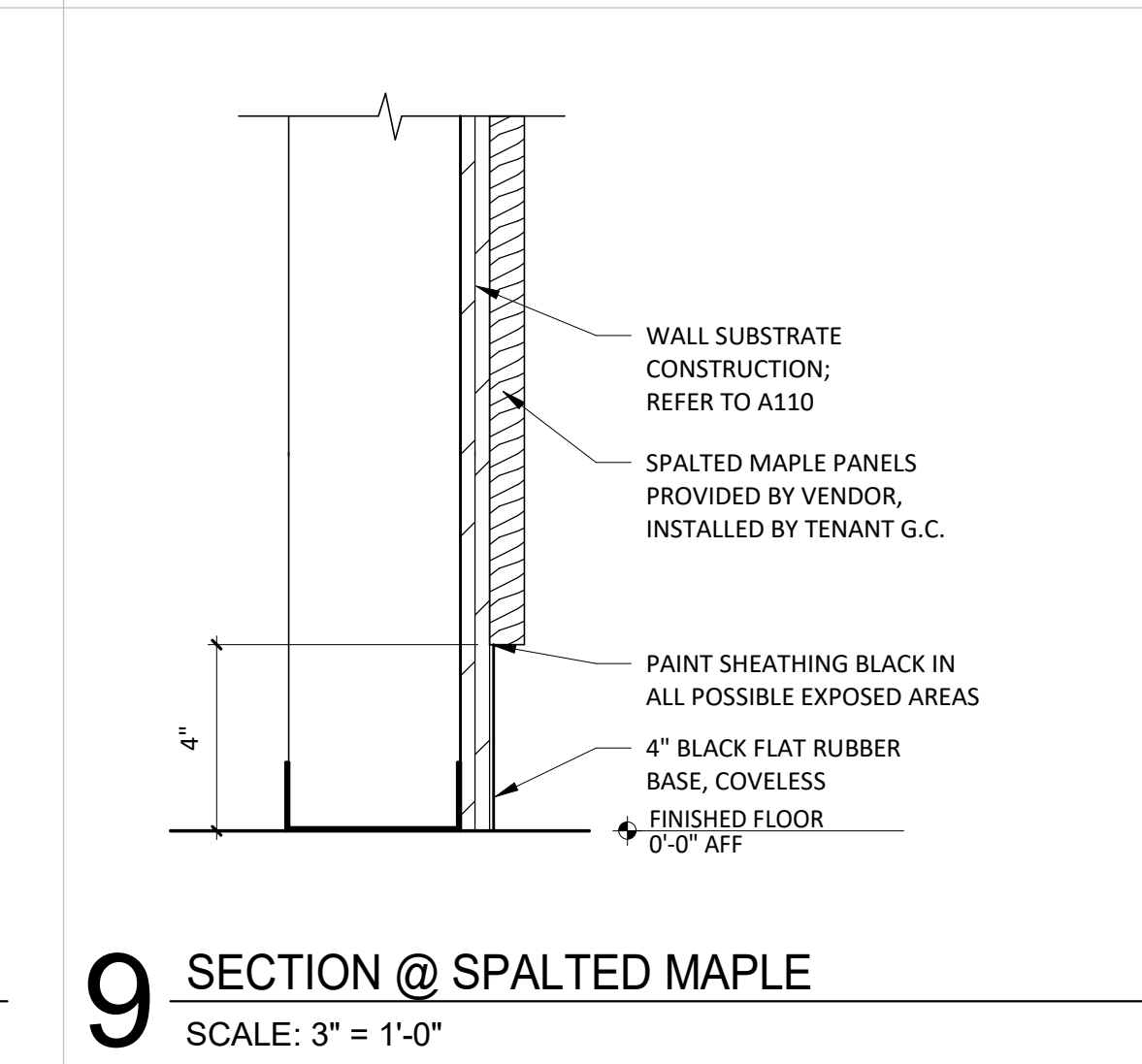
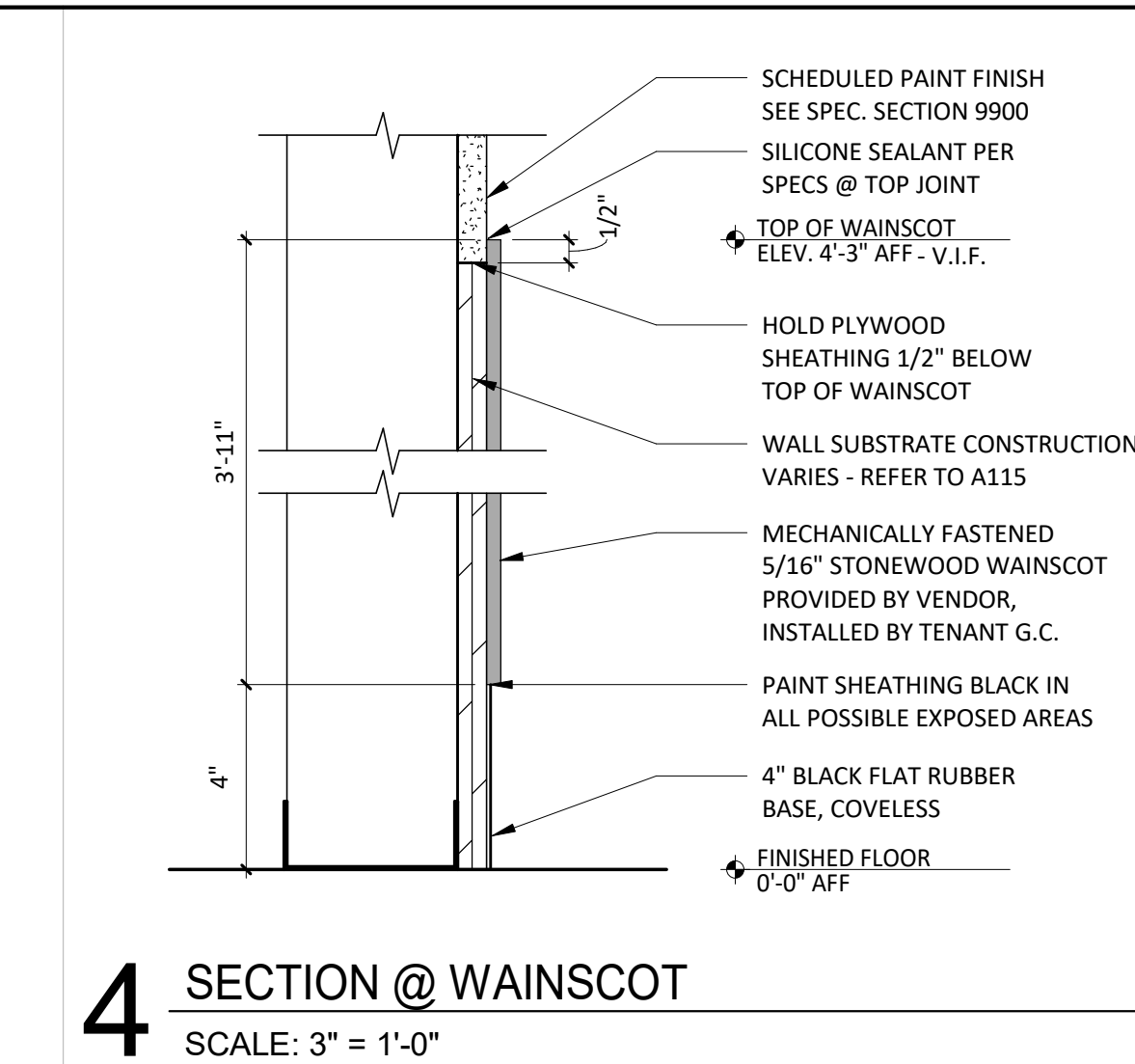
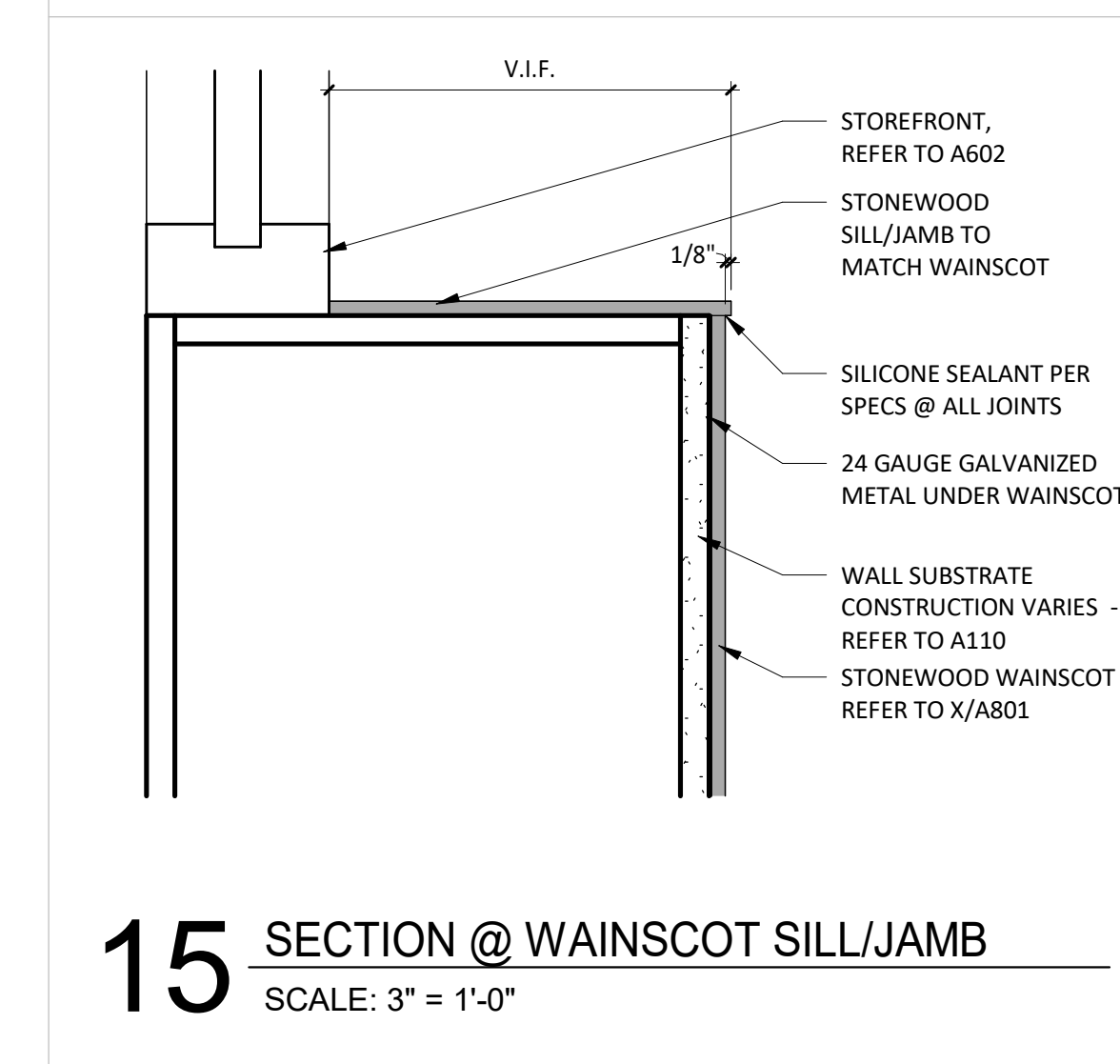
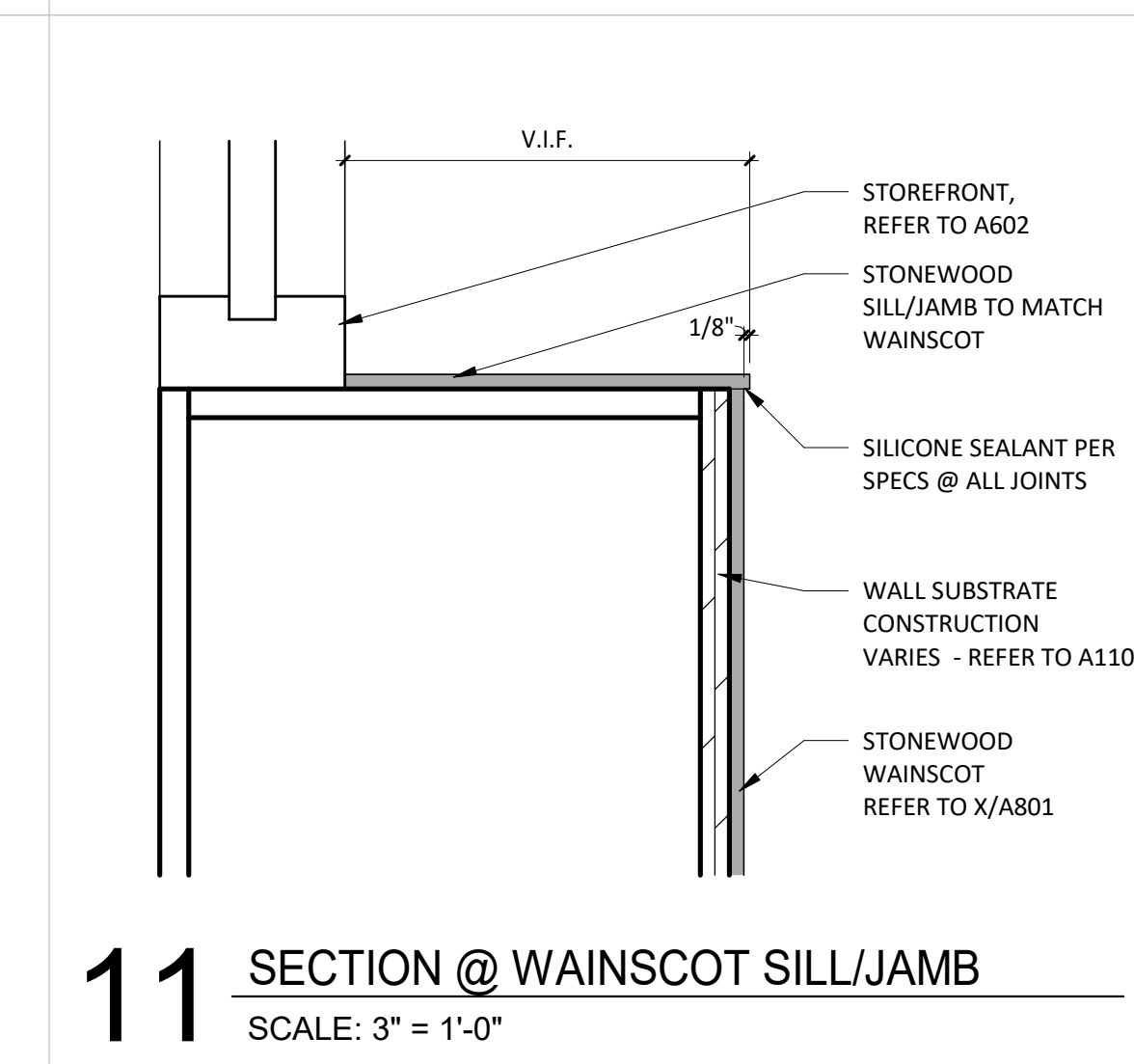
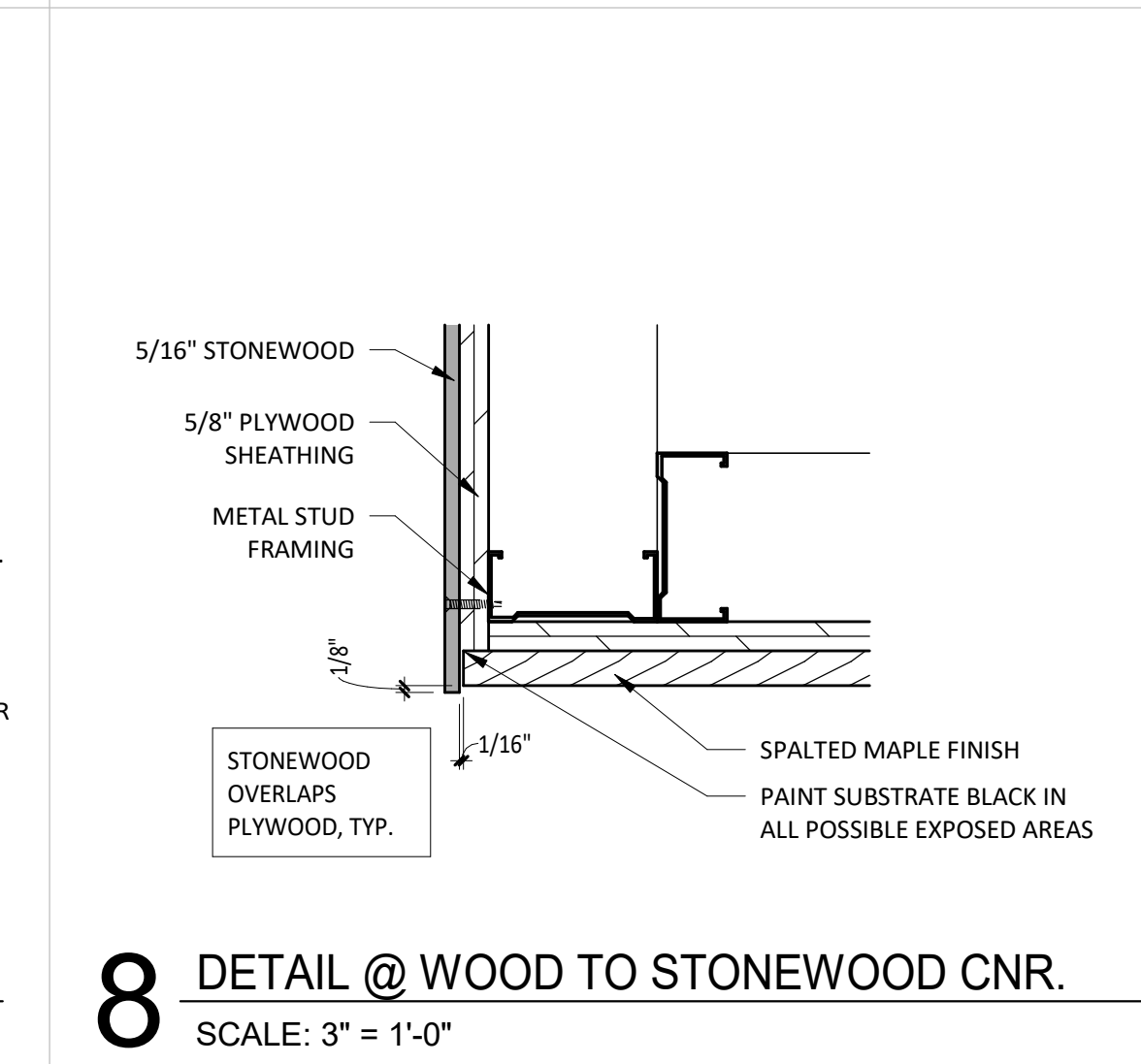
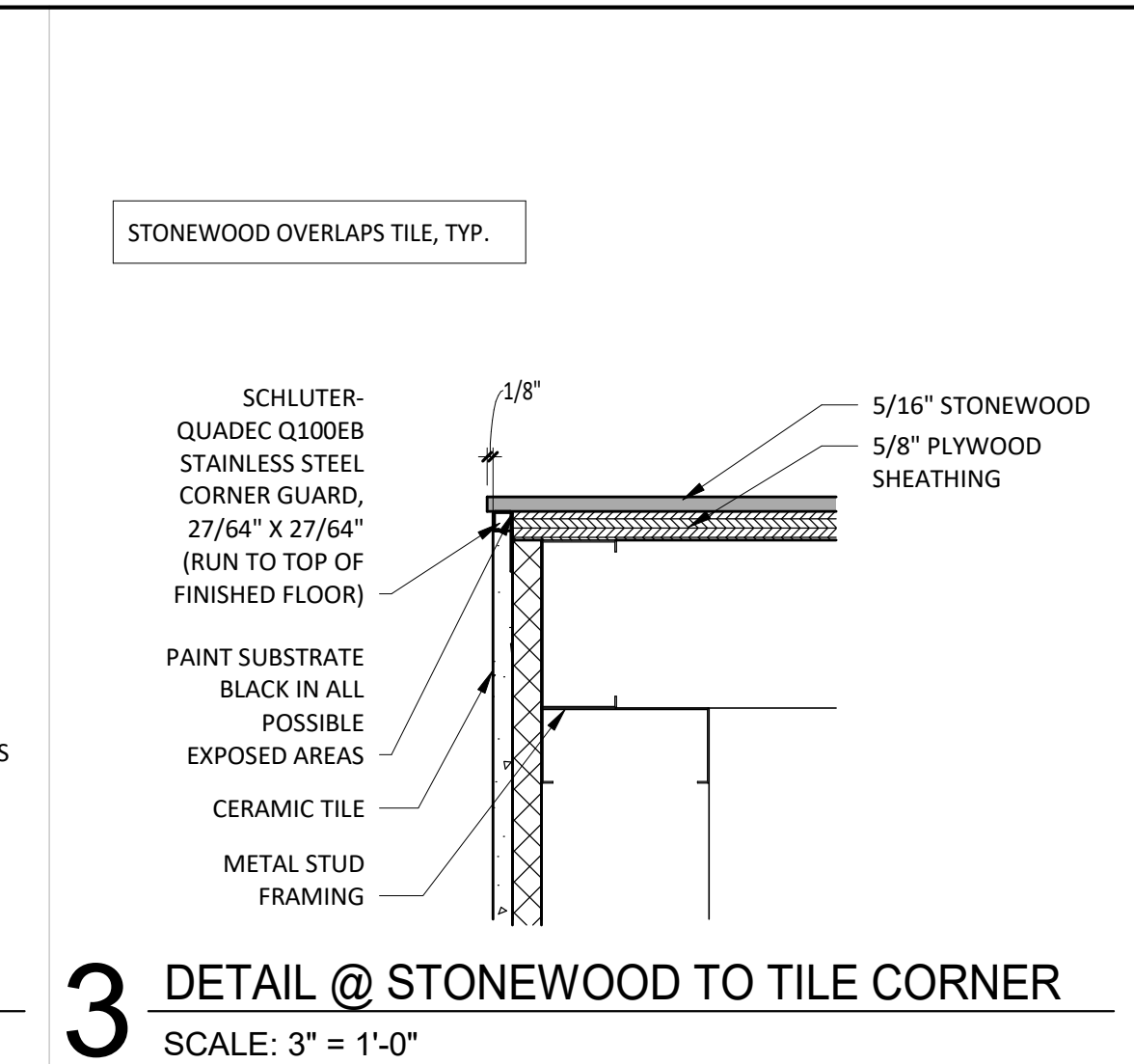
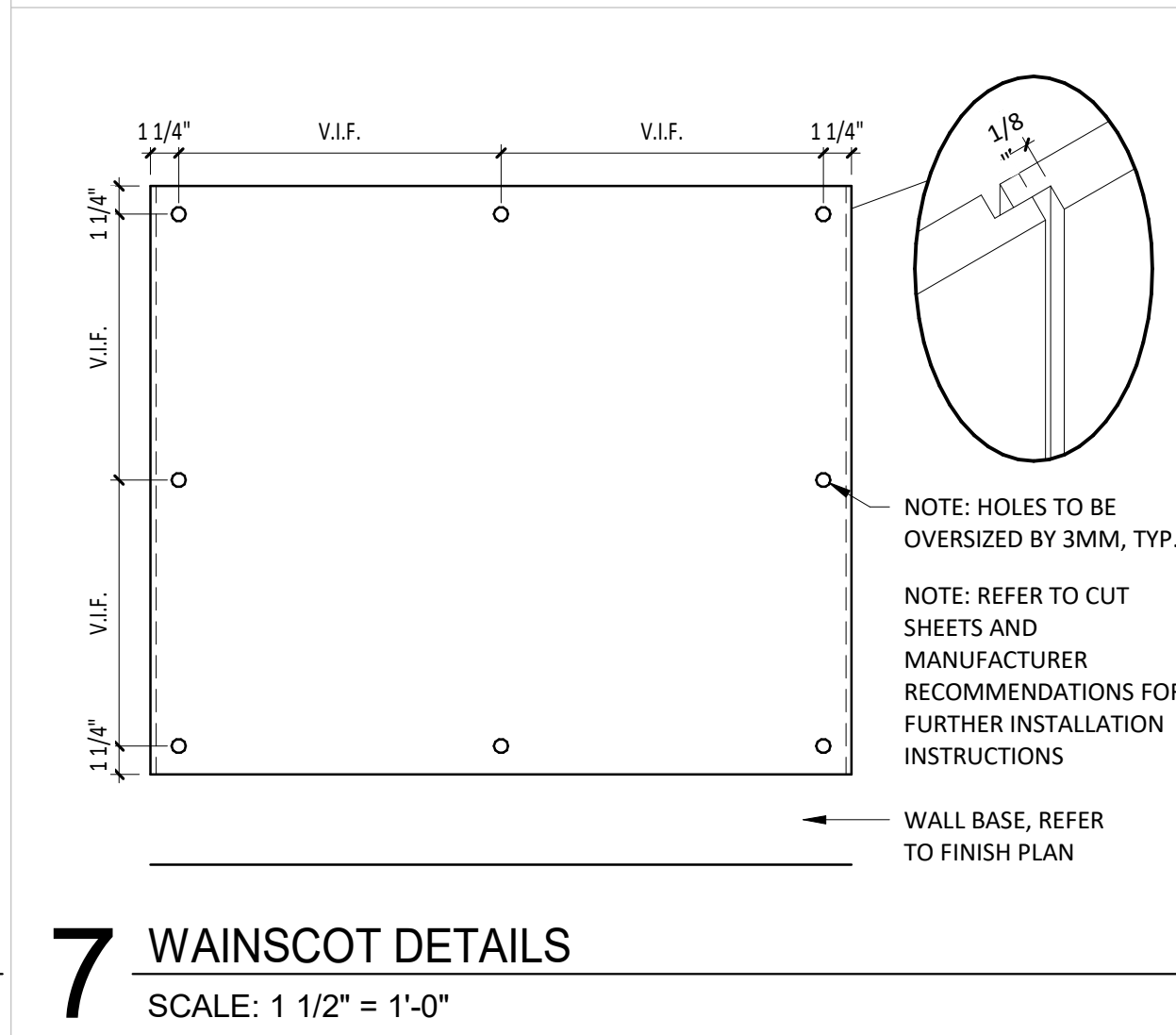
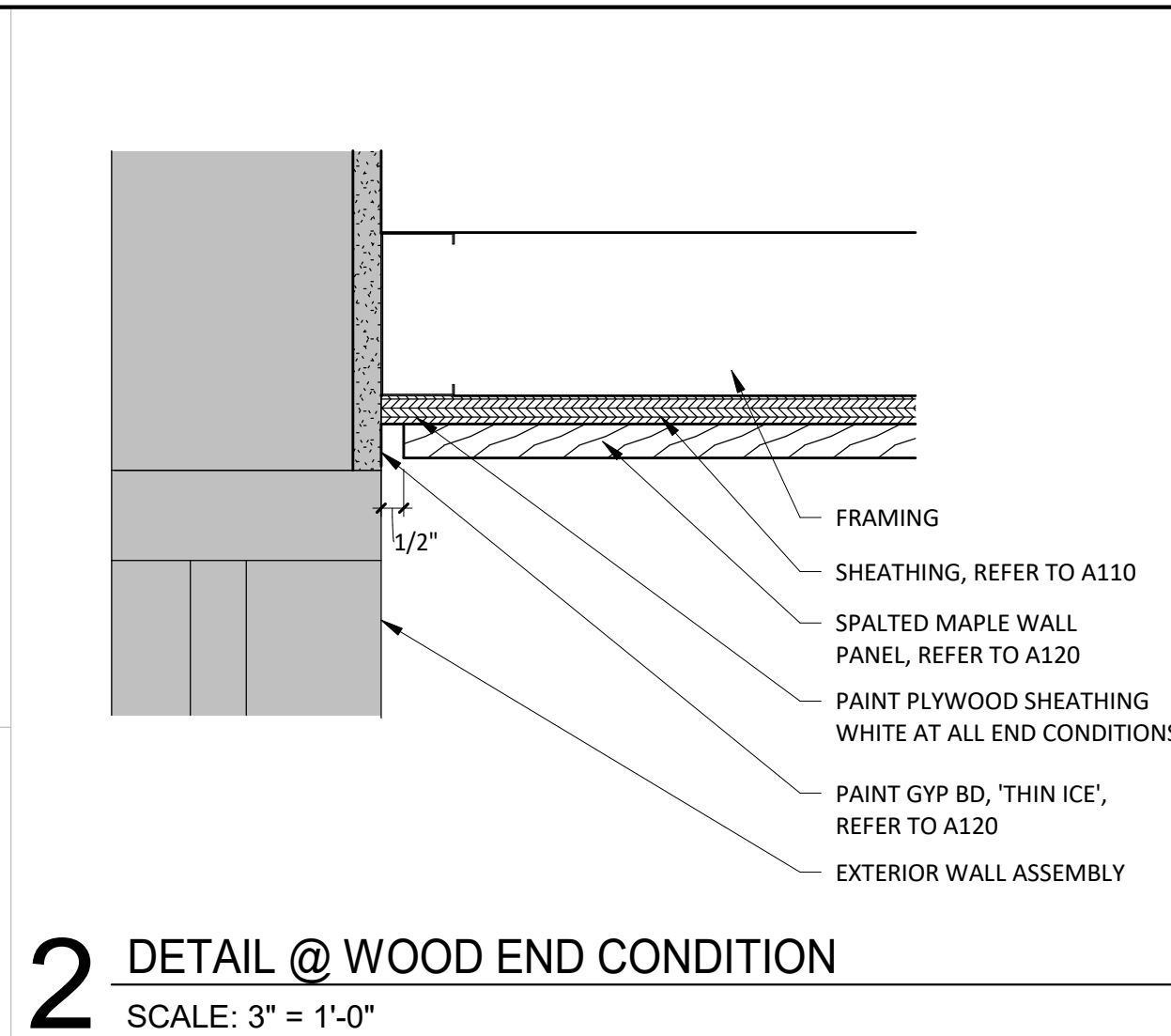
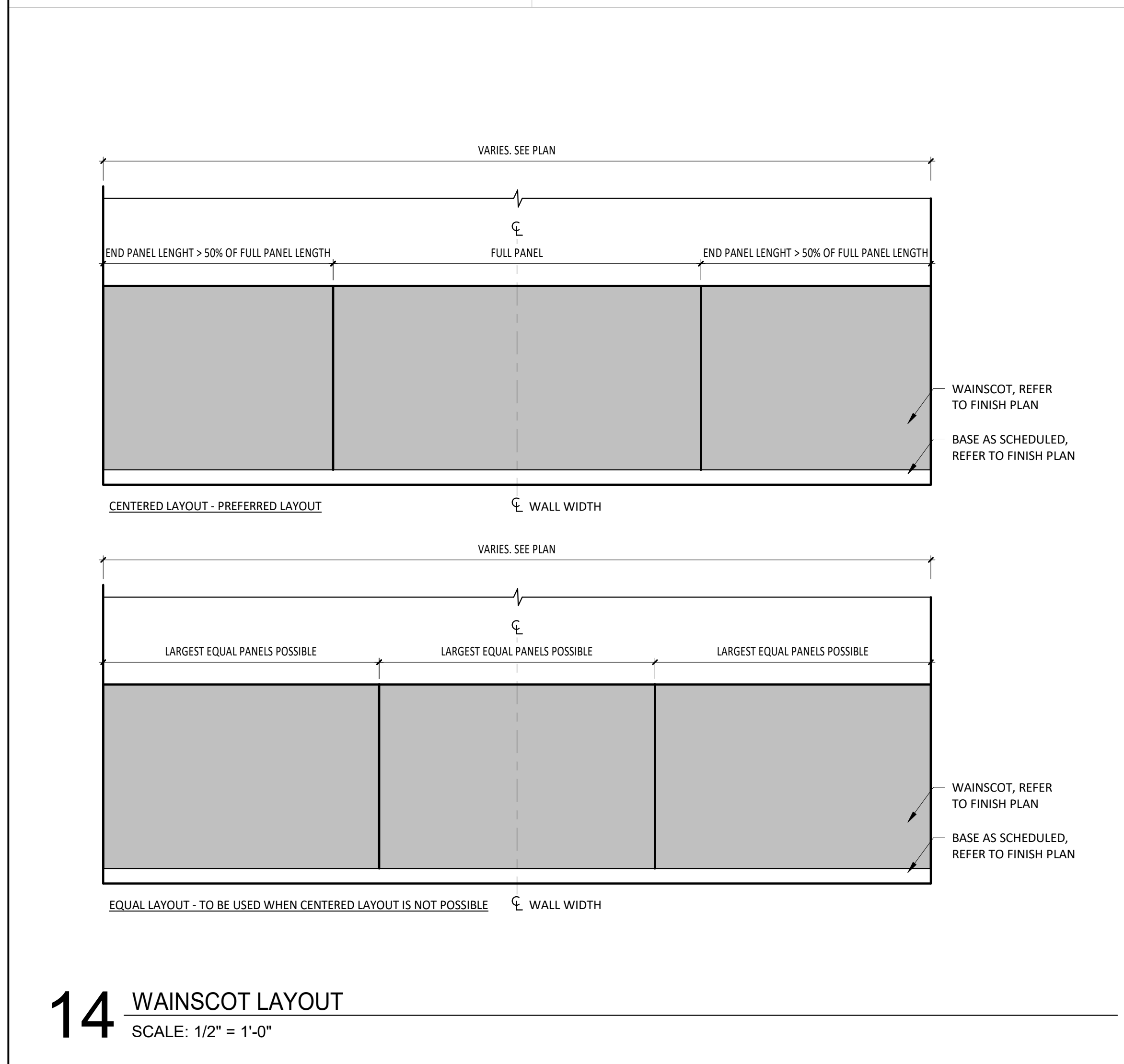
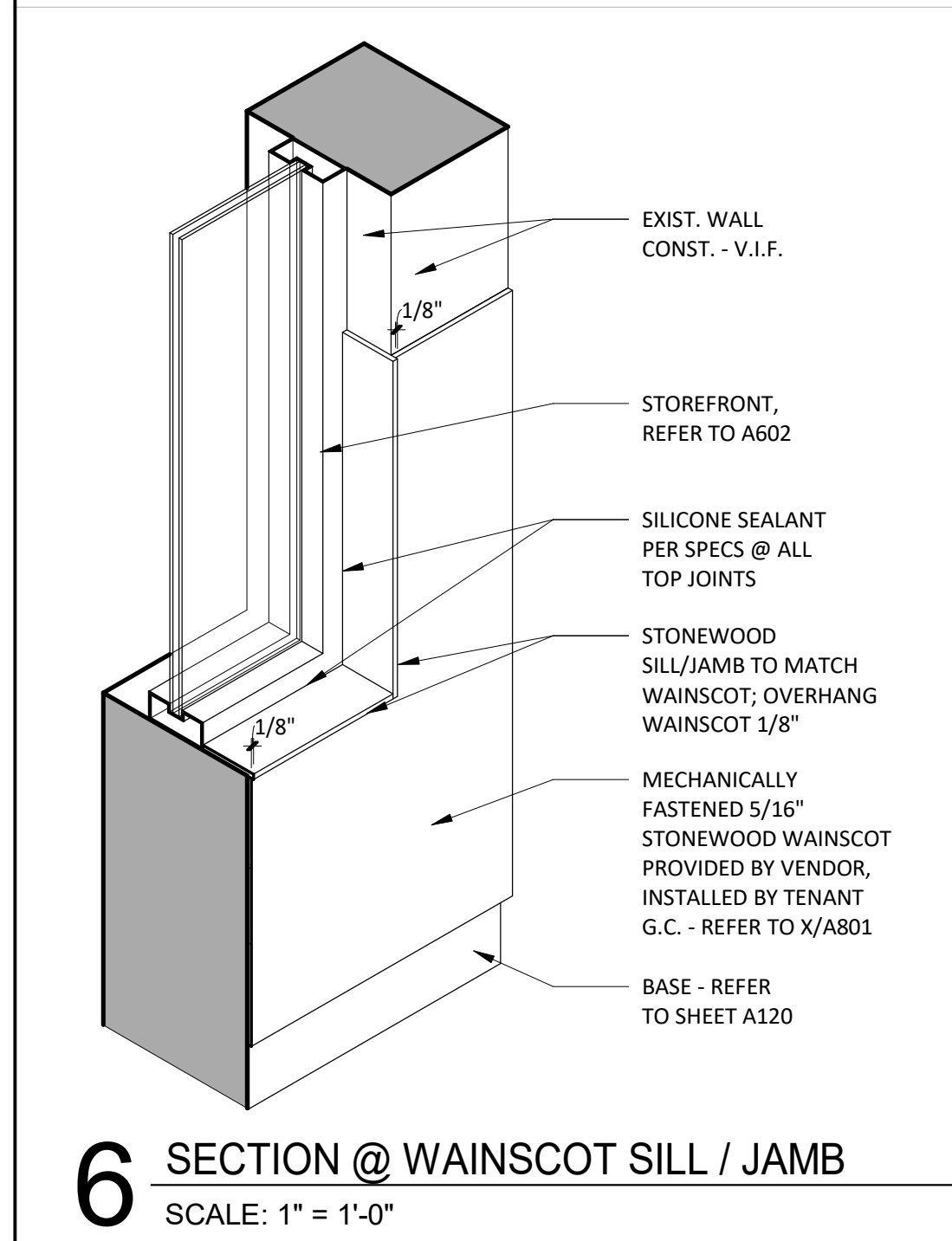
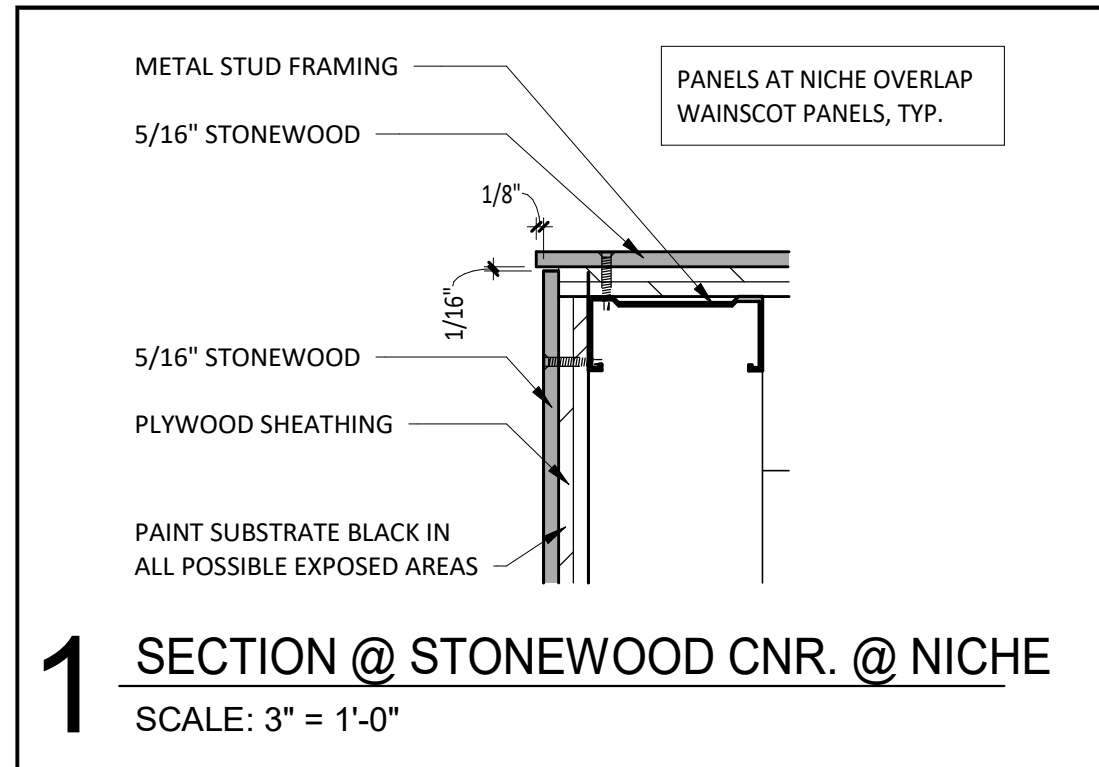
RESTROOM
INFORMATION

SHEET NUMBER:

A710







CONSULTANT:
WILKUS ARCHITECTS

CLIENT:
CHIPOTLE MEXICAN GRILL
CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182966
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PROJECT INFORMATION:
STORE NO.: 4953
"PORT HURON"
3962 24TH AVE., SUITE B
PORT HURON, MI 48060

SEAL:
STATE OF MICHIGAN
MATTHEW WILKUS
ARCHITECT
No. 1301085868
August 20, 2024
MATTHEW M. WILKUS
LICENSE #1301085868
(EXPIRES 06/30/2026)

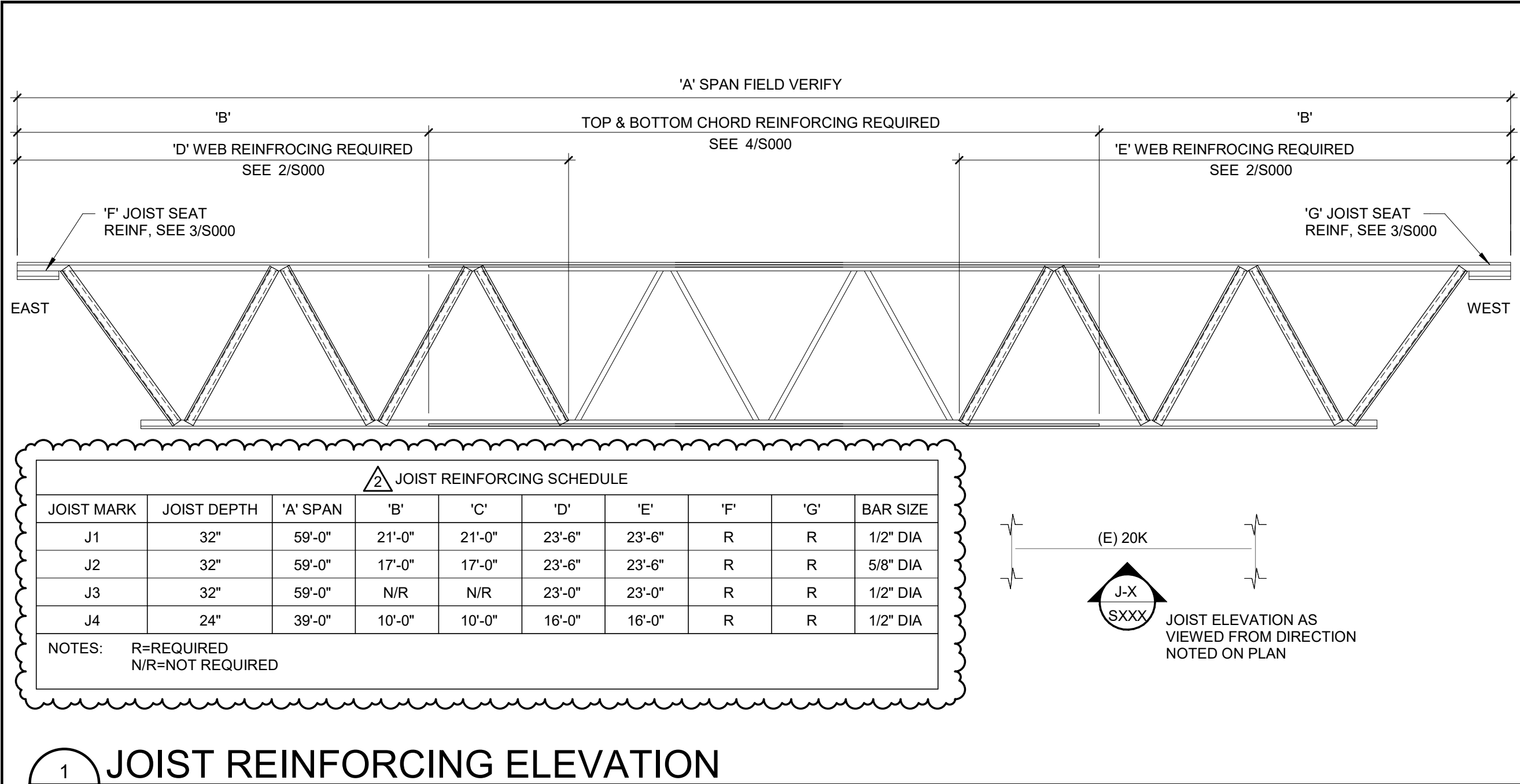
PROJECT NO. 2023-0101
DRAWN BY KDRB
CHECKED BY NSG / MMW

ISSUE RECORD:
03/21/2024 PERMIT SET
05/03/2024 BID SET
07/11/2024 CONSTRUCTION SET

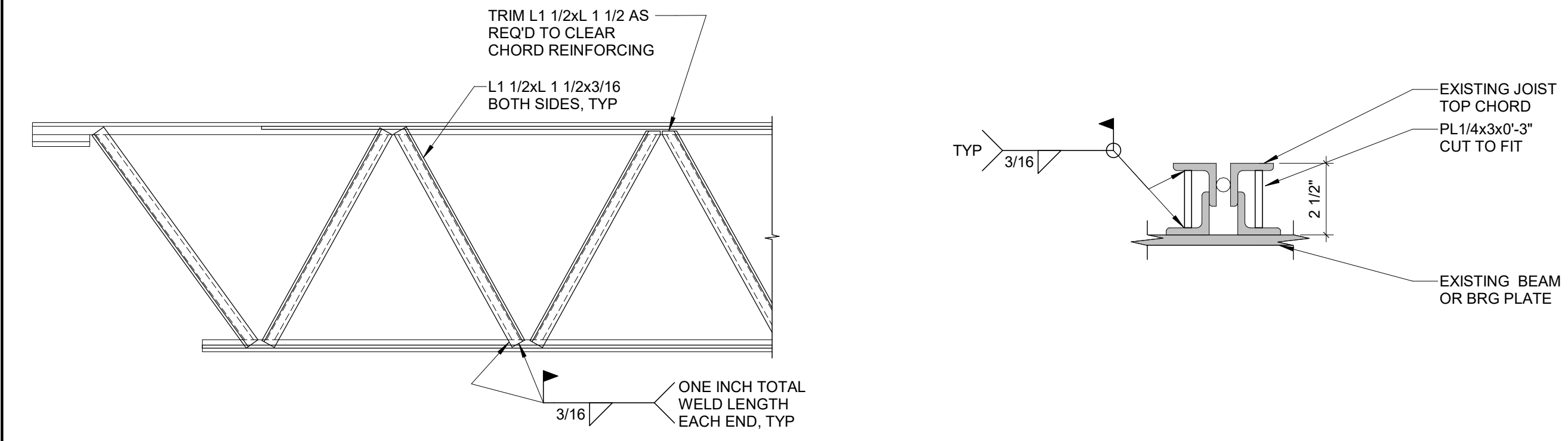
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TITLE:
FINISH DETAILS - WOOD

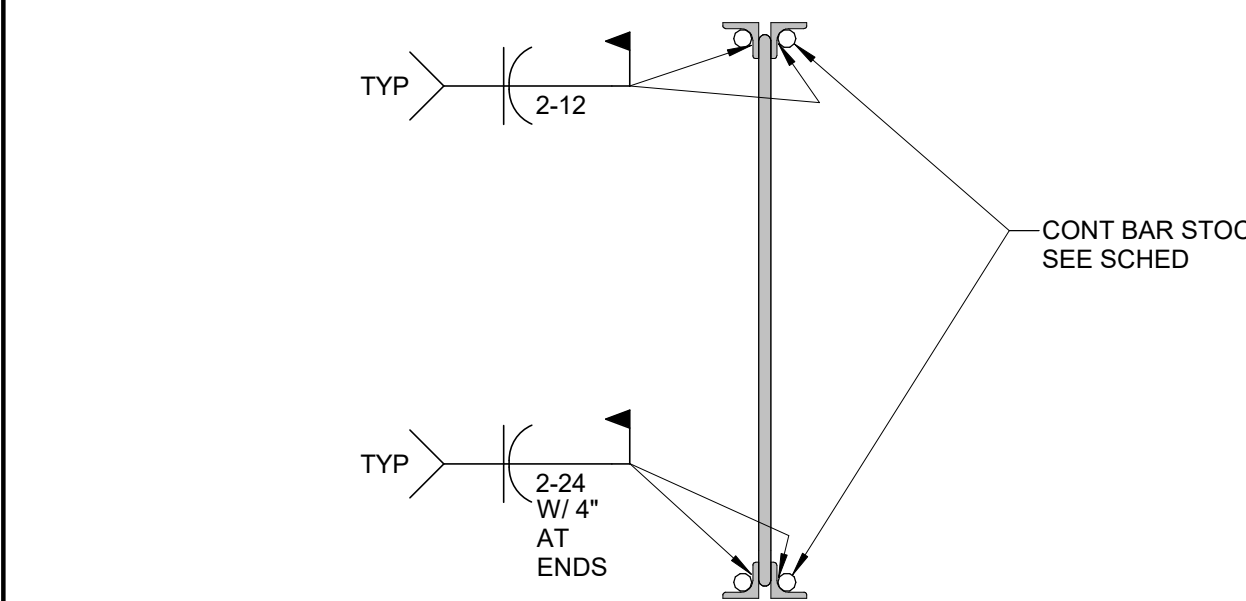
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A803



1 S000 3/4" = 1'-0"



2 S000 1" = 1'-0"



4 S000 1 1/2" = 1'-0"

1

BUILDING CODE
2015 MICHIGAN BUILDING CODE (IBC)
BASED ON THE 2015 INTERNATIONAL BUILDING CODE

2

DESIGN LOADS:

2.1

ROOFS:
DEAD LOAD 20 PSF
LIVE 20 PSF (REDUCIBLE)
SNOW: GROUND SNOW LOAD, P_g 25 PSF
FLAT 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
HOLLOW STRUCTURAL SECTIONS 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 0.083
MAPPED SPECTRAL RESPONSE COEFFICIENT, S₁ 0.043
SEISMIC DESIGN CATEGORY B
ENGINEERED WOOD TRUSSES REFER TO DETAIL 2/S201

2.4

ENGINEERED WOOD TRUSSES REFER TO DETAIL 2/S201

4

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. SUCH MEASURES SHALL BE LEFT IN PLACE AS LONG AS REQUIRED FOR SAFETY AND UNTIL ALL FRAMING AND CONNECTIONS 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 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.

3.9

MECHANICAL UNITS SUPPORTED BY ROOF STRUCTURE ARE SUBJECT TO THE ACCEPTANCE OF THE STRUCTURAL ENGINEER.

3.10

DO NOT HANG ANYTHING FROM THE ROOF DECK.

5

EXISTING CONSTRUCTION:

4.1

WHEREVER APPLICABLE, PRIOR TO FABRICATION AND CONSTRUCTION, CONTRACTOR SHALL FIELD VERIFY ALL EXISTING ELEVATIONS, DIMENSIONS, DETAILS OF EXISTING STRUCTURAL CONNECTIONS AND OTHER CONDITIONS WHERE THEY AFFECT THIS CONSTRUCTION. NOTIFY THE ENGINEER IF THERE ARE ANY DEVIATIONS FROM THE CONTRACT DOCUMENTS. CONSULT WITH THE STRUCTURAL ENGINEER BEFORE MAKING ANY MODIFICATIONS TO THE EXISTING STRUCTURE NOT INDICATED ON THE CONTRACT DOCUMENTS.

4.2

BEFORE PROCEEDING WITH ANY WORK WITHIN THE EXISTING FACILITY, THE CONTRACTOR SHALL BECOME FAMILIAR WITH THE EXISTING STRUCTURE. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ALL NECESSARY BRACING, SHORING AND OTHER SAFEGUARDS TO MAINTAIN ALL PARTS OF THE EXISTING WORK IN A SAFE CONDITION DURING THE PROCESS OF DEMOLITION AND CONSTRUCTION AND TO PROTECT FROM DAMAGE THOSE PORTIONS OF THE EXISTING WORK WHICH ARE TO REMAIN.

4.3

THE CONTRACTOR SHALL CONSIDER ALL HAZARDS DUE TO WELDING WITHIN THE EXISTING FACILITY, INCLUDING FIRE HAZARD, TOXIC SMOKE HAZARD AND LIQUEFACTION OF MEMBERS UNDER LOAD. VERIFY THE PRESENCE OF ANY TOXIC MATERIALS PRIOR TO BIDDING THE WORK OR SUBMITTAL OF FINAL PRICE.

5

REINFORCED CONCRETE:

5.1

DESIGN CODE: BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE (ACI 318), LATEST ADOPTION.

5.2

CONCRETE MIXES SHALL BE DESIGNED PER ACI 301 USING THE FOLLOWING:
PORTLAND CEMENT CONFORMING TO ASTM C150 OR C595
FLY ASH CONFORMING TO ASTM C618
SLAG CONFORMING TO ASTM C989
SILICA FUME CONFORMING TO ASTM C1240
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.

5.3

MATERIAL STRENGTHS:

5.3.1

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
INTERIOR SLABS ON GRADE	4000 PSI	3/4"	3" ± 1"	0.43
ANY CONCRETE SUBJECT TO FREEZE-THAW CYCLES (5% ENTRAINED AIR) ¹	4500 PSI	3/4"	4" ± 1"	0.45

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.

5.3.2

REINFORCING STEEL:
ALL OTHER BARS, STIRRUPS AND TIES ASTM A615, GR. 60
WELDED WIRE FABRIC ASTM A1064

5.4

PLACEMENT OF CONCRETE AND REINFORCEMENT SHALL BE IN ACCORDANCE WITH ACI AND CRSI STANDARDS.

5.5

CLEAN REINFORCEMENT OF LOOSE RUST, MILL SCALE, EARTH, ICE, AND OTHER FOREIGN MATERIALS THAT REDUCE BOND TO CONCRETE.

5.6

FURNISH THE FOLLOWING CONCRETE COVER ON REINFORCING BARS UNLESS SHOWN OTHERWISE ON DRAWINGS:
SLABS ON GRADE CENTER MESH OR BARS IN SLAB

5.7

ALL WELDED WIRE FABRIC SHALL BE TRANSPORTED AND DELIVERED IN FLAT SHEETS.

5.8

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.

5.9

FINISHING REQUIREMENTS ARE AS FOLLOWS (REFER TO ACI 301):
SMOOTH RUBBED FINISH ON EXPOSED FORM SURFACES.
STEEL TROWEL FINISH ON INTERIOR SLABS AND SLABS TO RECEIVE FINISH FLOORING.

5.10

DO NOT FIELD BEND BARS PARTIALLY EMBEDDED IN HARDENED CONCRETE UNLESS SPECIFICALLY INDICATED OR ACCEPTED BY THE ENGINEER.

6

STRUCTURAL STEEL:

6.1

DESIGN CODE: SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS (AISC 360), LATEST ADOPTION.

6.2

MATERIAL SPECIFICATIONS (UNLESS NOTED OTHERWISE):
STRUCTURAL STEEL WIDE FLANGE ASTM A992
OTHER STRUCTURAL STEEL ROLLED SHAPES, PLATES & BARS ASTM A36
HOLLOW STRUCTURAL SECTIONS ASTM A500, GR. B
THREADED RODS ASTM A36
WELDS (E70XX ELECTRODES) AWS D1.1

6.3

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 OR STANDARD PRACTICE ARE SPECIFICALLY DELETED FROM THE PROJECT CONTRACT DOCUMENTS. THE FABRICATOR SHALL PROVIDE ITS SCHEDULE FOR THE SUBMITTAL OF SHOP AND ERECTION DRAWINGS A MINIMUM OF 14 DAYS PRIOR TO FIRST SUBMITTAL.

6.4

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.

6.5

HOLES IN STEEL SHALL BE DRILLED OR PUNCHED. ALL SLOTTED HOLES SHALL BE PROVIDED WITH SMOOTH EDGES. BURNING OF HOLES AND TORCH CUTTING AT THE SITE ARE NOT PERMITTED.

7

POST-INSTALLED FASTENING:

7.1

POST-INSTALLED SYSTEMS ARE BASED ON THE FOLLOWING (UNLESS NOTED OTHERWISE):

DESCRIPTION	ANCHOR/ADHESIVE ¹	APPLICATIONS
ADHESIVES	HILTI HIT-HY 200 OR POWERS AC 100+ GOLD	CONCRETE (EXCLUDES PRECAST HOLLOW-CORE)
	HILTI HIT-HY 70 OR POWERS AC 100+ GOLD	PRECAST HOLLOW-CORE CONCRETE & MASONRY
EXPANSION ANCHORS	HILTI KWIK BOLT 3 (TZ) OR POWERS POWER-STUD+ SD1 (SD2)	---
SCREW ANCHORS	HILTI HUS-EZ OR POWERS WEDGE-BOLT+	---

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.

7.1.1

POST-INSTALLED ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS.

7.2

INSTALLATION REQUIREMENTS FOR ADHESIVE ANCHORS:

7.2.1

HORIZONTAL OR UPWARDLY INCLINED ORIENTATIONS

7.2.1.1

INSTALLATION SHALL BE PERFORMED BY PERSONNEL CERTIFIED IN ACCORDANCE WITH ACI/CRSI ADHESIVE ANCHOR INSTALLER CERTIFICATION PROGRAM.

7.2.1.2

INSTALLATION SHALL BE CONTINUOUSLY INSPECTED DURING INSTALLATION BY AN INSPECTOR SPECIALLY APPROVED BY THE BUILDING OFFICIAL.

7.2.2

ALL OTHER ORIENTATIONS

7.2.2.1

INSTALLATION SHALL BE PERFORMED BY PERSONNEL TRAINED TO INSTALL ADHESIVE ANCHORS. TRAINING SHALL INCLUDE PRODUCT-SPECIFIC TRAINING OFFERED BY THE ADHESIVE MANUFACTURER AND SHALL BE INSPECTED IN ACCORDANCE WITH THE ICC REPORT.

8

SPECIAL INSPECTION:

8.1

SPECIAL INSPECTION IS REQUIRED IN ACCORDANCE WITH IBC SECTION 1701 THE FOLLOWING PORTIONS OF CONSTRUCTION:

8.1.1

SOLS

8.1.2

BACKFILL AND COMPACTION

8.1.3

CONCRETE:

8.1.3.1

DURING TAKING OF TEST SPECIMENS.

8.1.3.2

REINFORCEMENT - PRIOR TO PLACING CONCRETE.

8.1.4

STRUCTURAL STEEL:

8.1.4.1

ONLY APPROVED FABRICATORS IN ACCORDANCE WITH IBC 1704.2.2 SHALL BE USED.

8.1.4.2

FULL TIME INSPECTION IN ACCORDANCE WITH AISC 341 SHALL BE REQUIRED EXCEPT FOR THE FOLLOWING ITEMS WHICH REQUIRE PERIODIC INSPECTION, INCLUDING 100% VISUAL INSPECTION:

8.1.4.3

SINGLE-PASS FIELD-PERFORMED FILLET WELDS NOT EXCEEDING 5/16".

8.1.4.4

VERIFICATION OF WELDER QUALIFICATIONS, WELDING PROCEDURES AND MATERIALS.

8.1.4.5

PERIODIC INSPECTION, INCLUDING RANDOM VERIFICATION OF PROPER TIGHTENING.

8.1.5

POST INSTALLED ANCHORS:

8.1.5.1

INSTALLATION OF ADHESIVE AND MECHANICAL ANCHORS SHALL BE CONTINUOUSLY INSPECTED DURING INSTALLATION BY AN INSPECTOR SPECIALLY APPROVED BY THE BUILDING OFFICIAL.

8.2

REPORTS FOR THE ABOVE SHALL BE SUBMITTED TO THE ENGINEER. ALL REPORTS SHALL CLEARLY INDICATE COMPLIANCE OR NON-COMPLIANCE.

8.3

THE CONTRACTOR SHALL NOTIFY THE SPECIAL INSPECTOR AT LEAST 48 HOURS IN ADVANCE FOR WORK THAT WILL REQUIRE INSPECTION OR TESTING.

8.4

UPON COMPLETION OF EACH PHASE OF THE WORK, THE SPECIAL INSPECTOR SHALL SUBMIT A LETTER STATING COMPLIANCE WITH AND VARIANCES FROM THE PROJECT REQUIREMENTS (IF ANY).

8.5

UPON COMPLETION OF THE PROJECT, THE SPECIAL INSPECTOR SHALL SUBMIT A LETTER STATING COMPLIANCE WITH THE PROJECT REQUIREMENTS INCLUDING MEASURES TAKEN TO CORRECT PREVIOUSLY IDENTIFIED NON-COMPLYING ITEMS.

ABBREVIATIONS

ACI	AMERICAN CONCRETE INSTITUTE	AWS	AMERICAN WELDING SOCIETY
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION	OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
AISI	AMERICAN IRON AND STEEL INSTITUTE	ASTM	AMERICAN SOCIETY FOR TESTING AND MATERIALS

VAA

VAA, LLC
2300 Berkshire Lane N, Suite 200
Plymouth, MN 55441

763.559.9130
www.vaaeng.com

CONSULTANT:

CLIENT:

PROJECT INFORMATION:

CHIPOTLE MEXICAN GRILL, INC.
PO BOX 182966
COLUMBUS, OH 43218-2966
TELEPHONE: (614) 318-2492
INTERNET: WWW.CHIPOTLE.COM

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STORE NO.: #4953
"PORT HURON"
3962 24TH AVE, SUITE B
PORT HURON, MI 48060

SEAL:

MARK D. MIELKE
ENGINEER
No. 6201006576
DATE: 07-11-2024

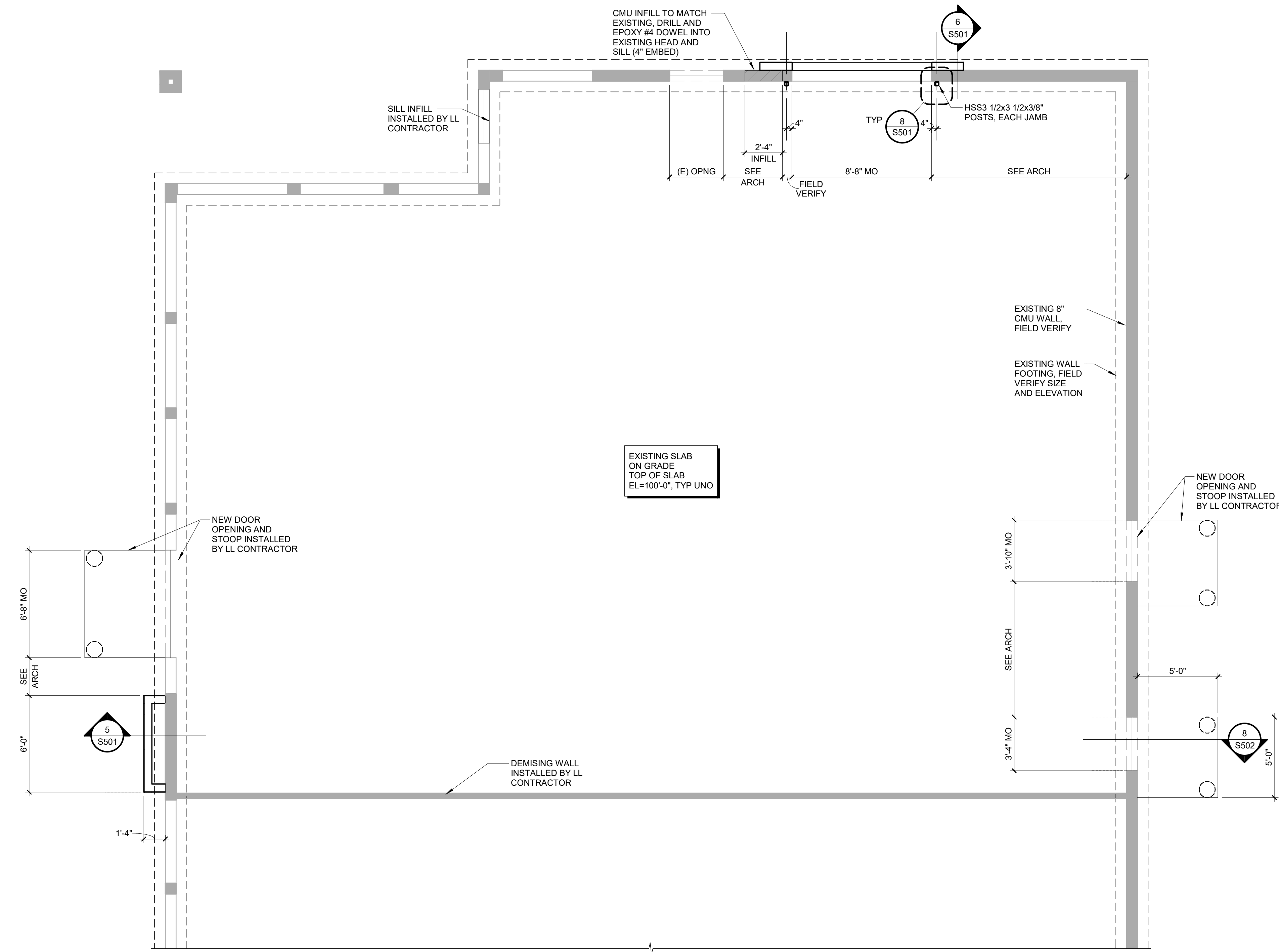
PROJECT NO. 230164
DRAWN BY JWO/TJM
CHECKED BY TJM/AR

ISSUE RECORD:
03.21.2024 PERMIT SET
07.11.2024 CONSTRUCTION SET

REVISIONS:
2 07.11.2024 CONSTRUCTION SET

TITLE:
GENERAL
STRUCTURAL
NOTES

SHEET NUMBER:
S000



NORTH

1
S100

SLAB ON GRADE PLAN

1/4" = 1'-0"

SLAB PLAN NOTES:

1. FOR GENERAL STRUCTURAL NOTES SEE SHEET S000
2. CONTRACTOR TO FIELD VERIFY ALL EXISTING DIMENSIONS, ELEVATIONS, CONDITIONS, ETC PRIOR TO DEMOLITION, FABRICATION AND CONSTRUCTION
3. EXISTING STRUCTURAL INFORMATION IS BASED ON THE SITE SURVEY PERFORMED BY WILKUS ARCHITECTS (PROJECT ARCHITECTURAL FIRM OF RECORD)
4. FOR TYPICAL BAR BENDING IN REINFORCED CONCRETE, SEE 1/S501
5. FOR TYPICAL CORNER REINFORCING IN FOOTING AND STOOP SLABS, SEE 2/S501
6. AT SLAB TRENCHING INFILL, SEE 3/S501

CONSULTANT:



VAA, LLC
2300 Berkshire Lane N, Suite 200
Plymouth, MN 55441

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CLIENT:



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PROJECT INFORMATION:

STORE NO.: #4953
"PORT HURON"
3962 24TH AVE., SUITE B
PORT HURON, MI 48060

SEAL:



DATE: 07-11-2024

PROJECT NO. 230164
DRAWN BY JWO/TJM
CHECKED BY TJM/AR

ISSUE RECORD:
03.21.2024 PERMIT SET
07.11.2024 CONSTRUCTION SET

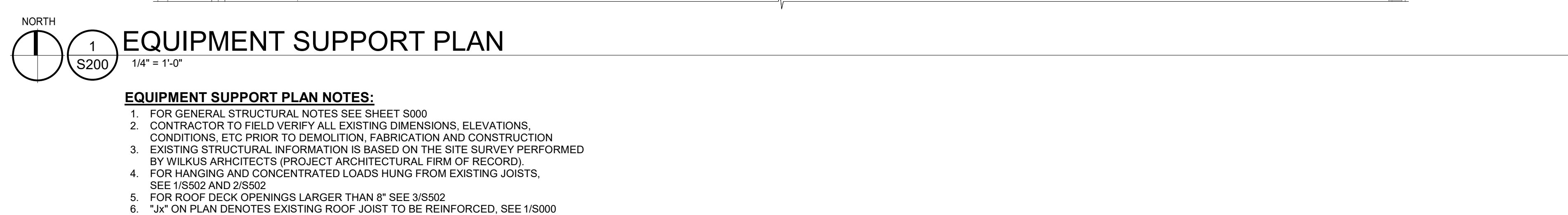
REVISIONS:
2 07.11.2024 CONSTRUCTION SET

TITLE:

SLAB ON GRADE
PLAN AND DETAILS

SHEET NUMBER:

S100



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GRILL, INC..

PROJECT INFORMATION:

SEAL:



DATE: 07-11-2024

PROJECT NO. 230164
DRAWN BY JWO/TJM
CHECKED BY TJM/AR

ISSUE RECORD:	
<u>03.21.2024</u>	<u>PERMIT SET</u>
<u>07.11.2024</u>	<u>CONSTRUCTION SET</u>

REVISIONS:

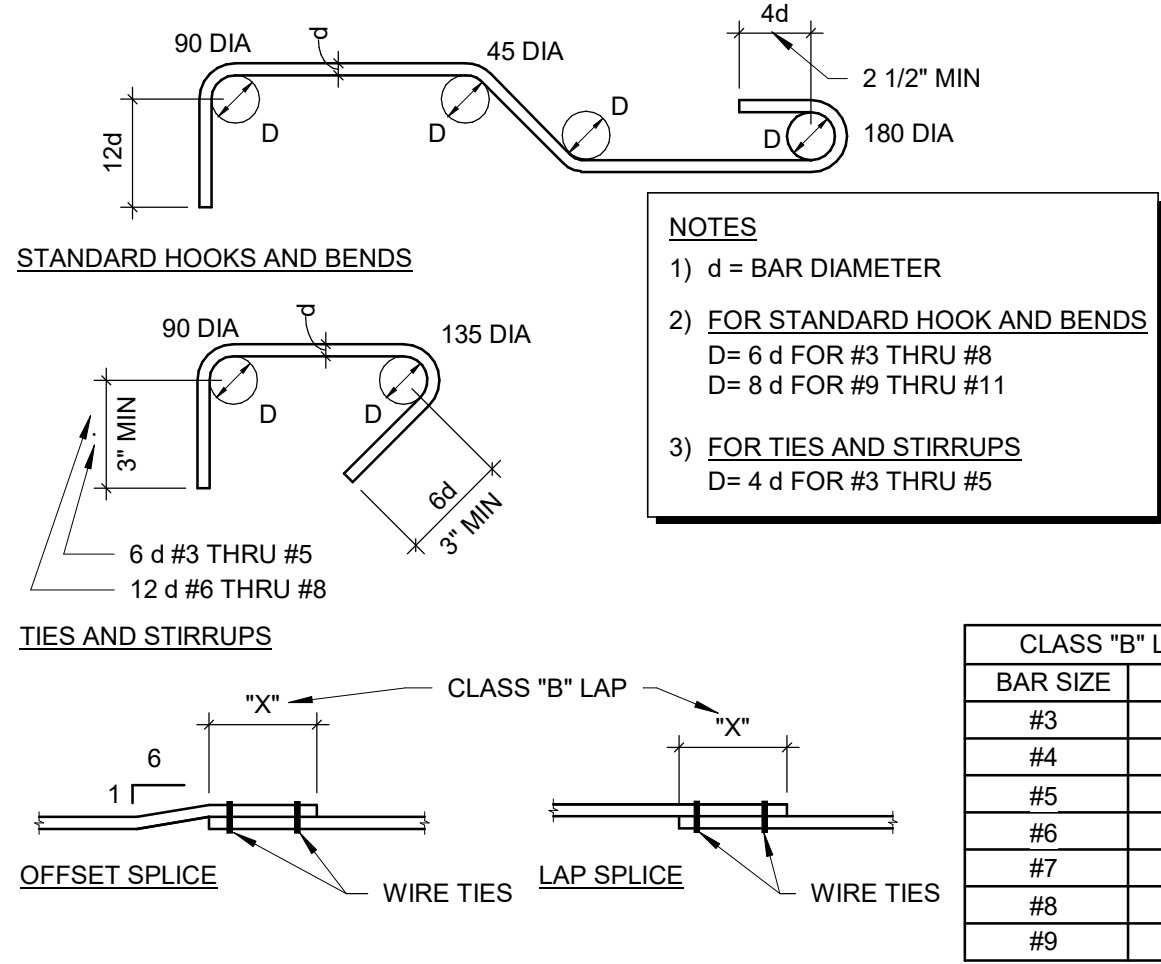
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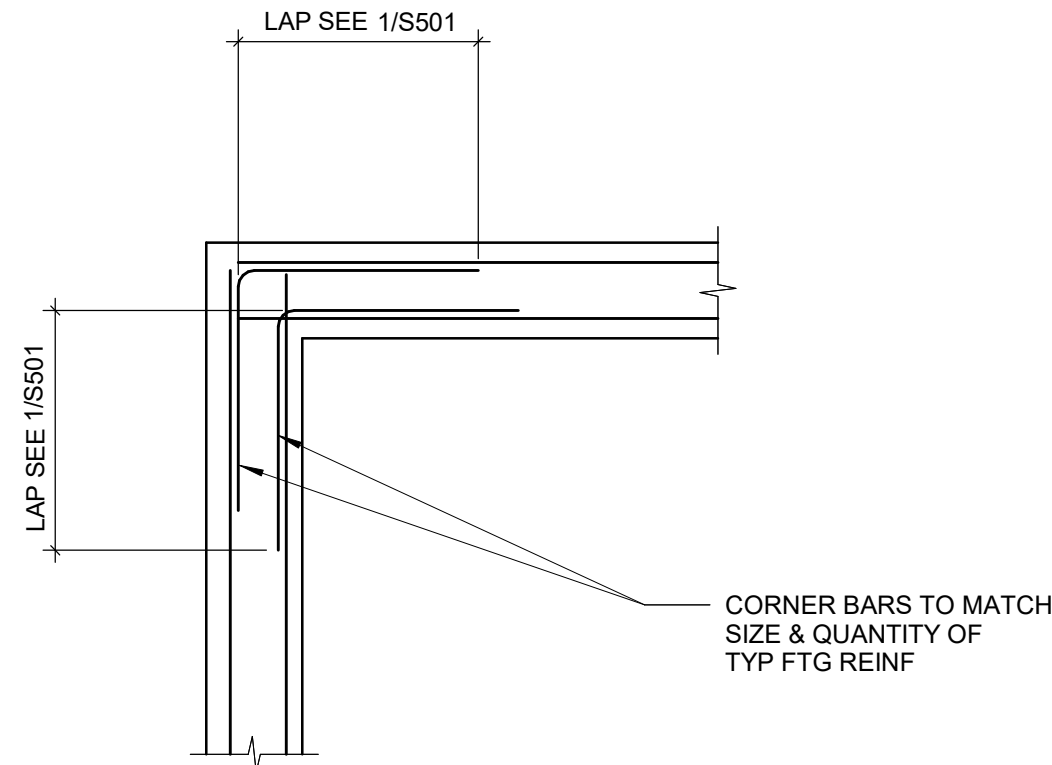
EQUIP SUPPORT
PLAN AND DETAILS

SHEET NUMBER:

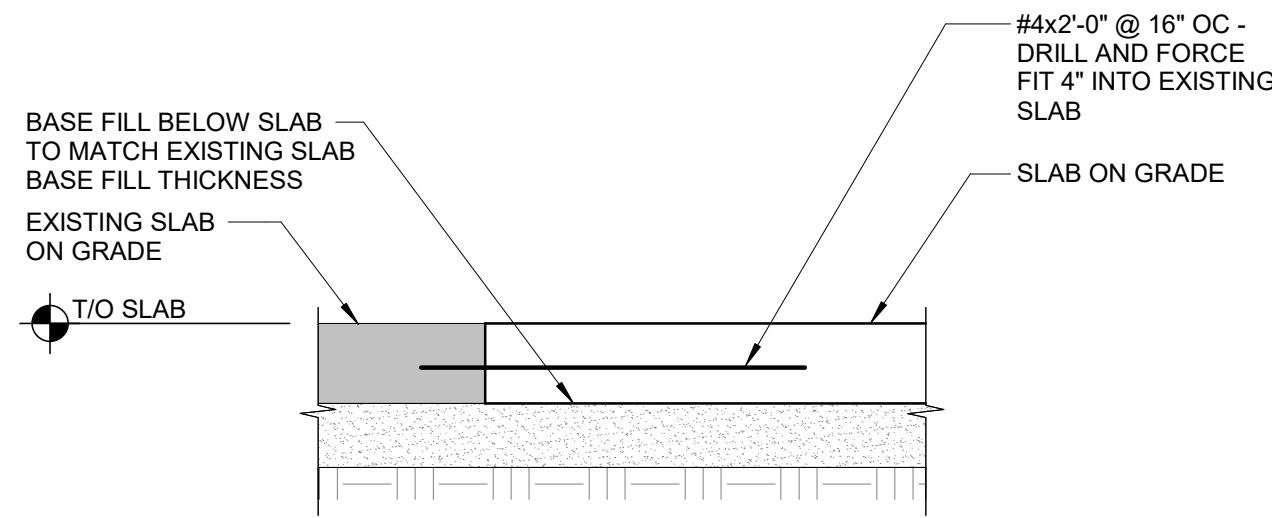
S200



1 TYPICAL BAR BENDING DETAIL
S501 1/2" = 1'-0"

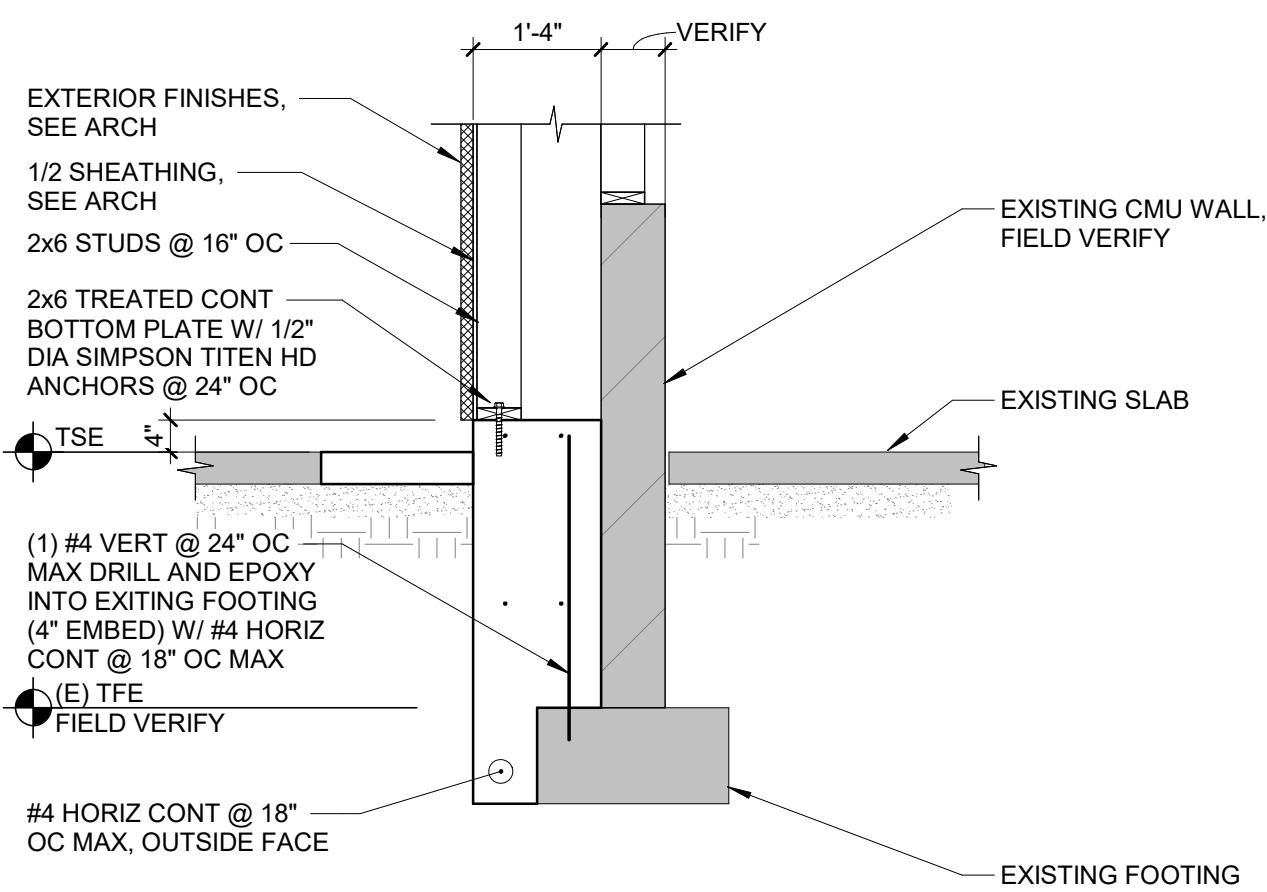


2 TYP CORNER REINF DETAIL
S501 1/2" = 1'-0"

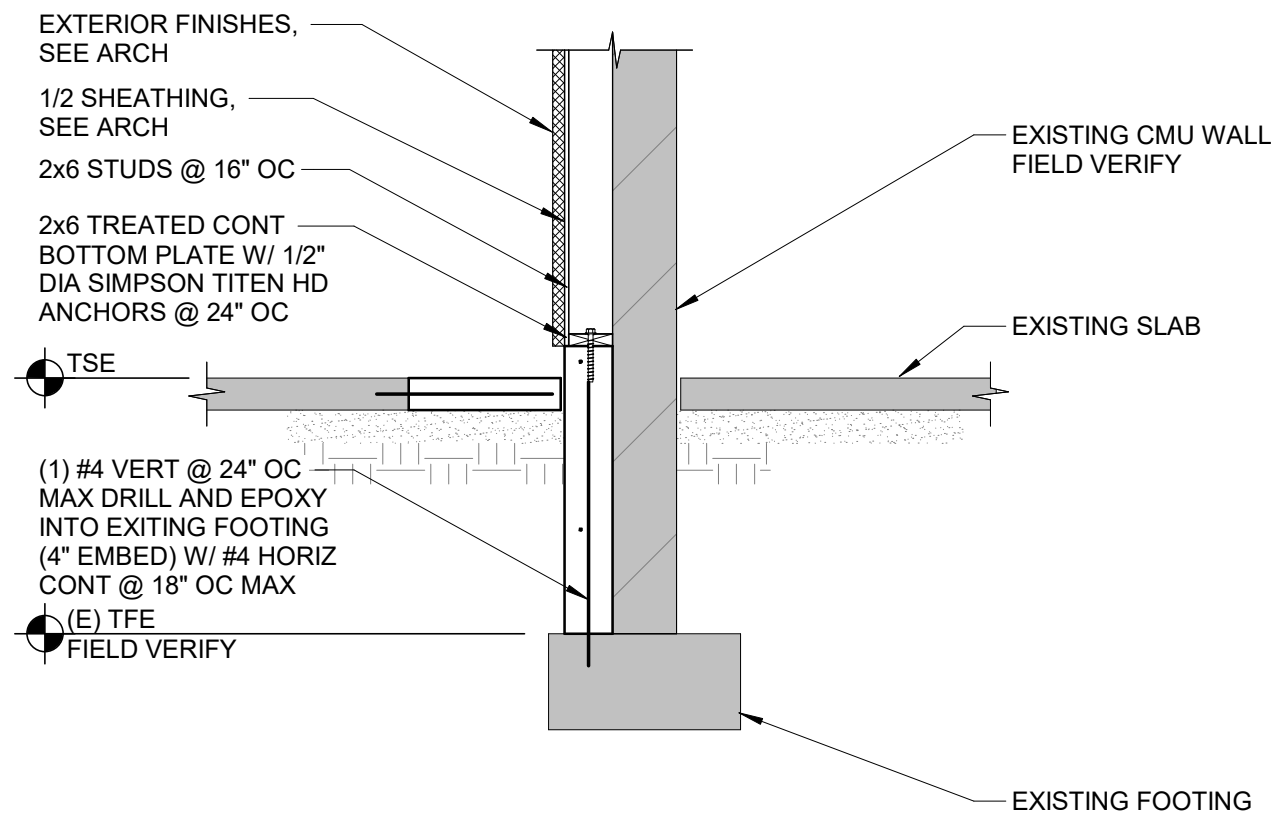


3 SLAB INFILL DETAIL
S501 1" = 1'-0"

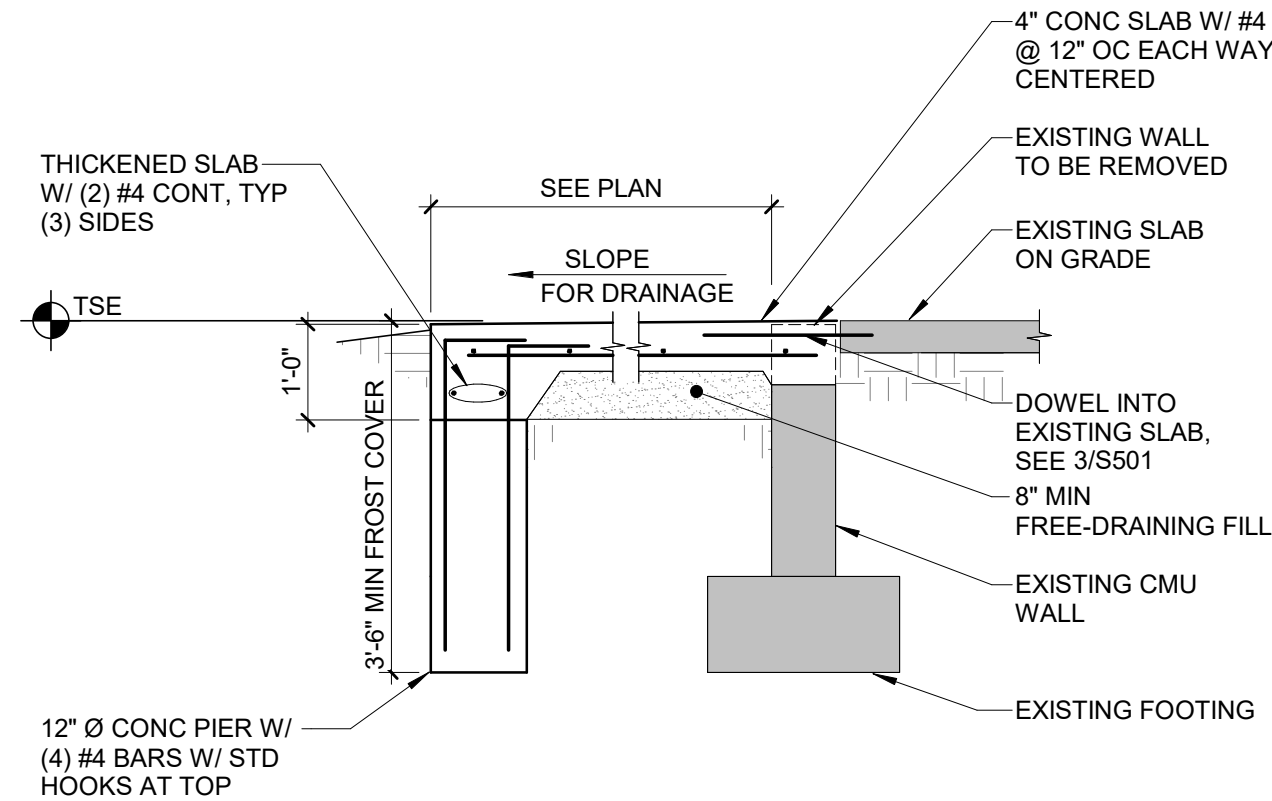
4 NOT USED
S501 3/4" = 1'-0"



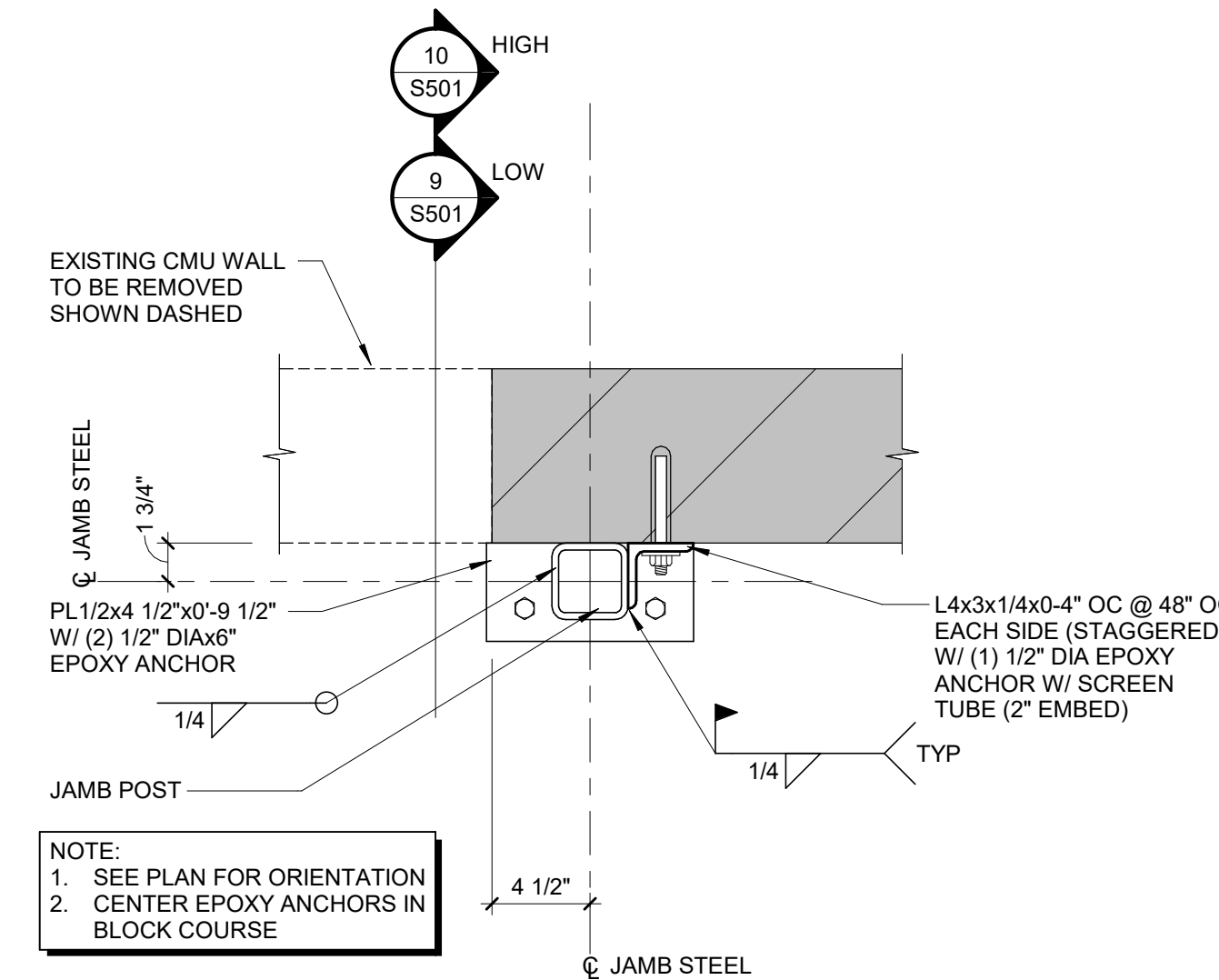
5 FOUNDATION WALL DETAIL
S501 1/2" = 1'-0"



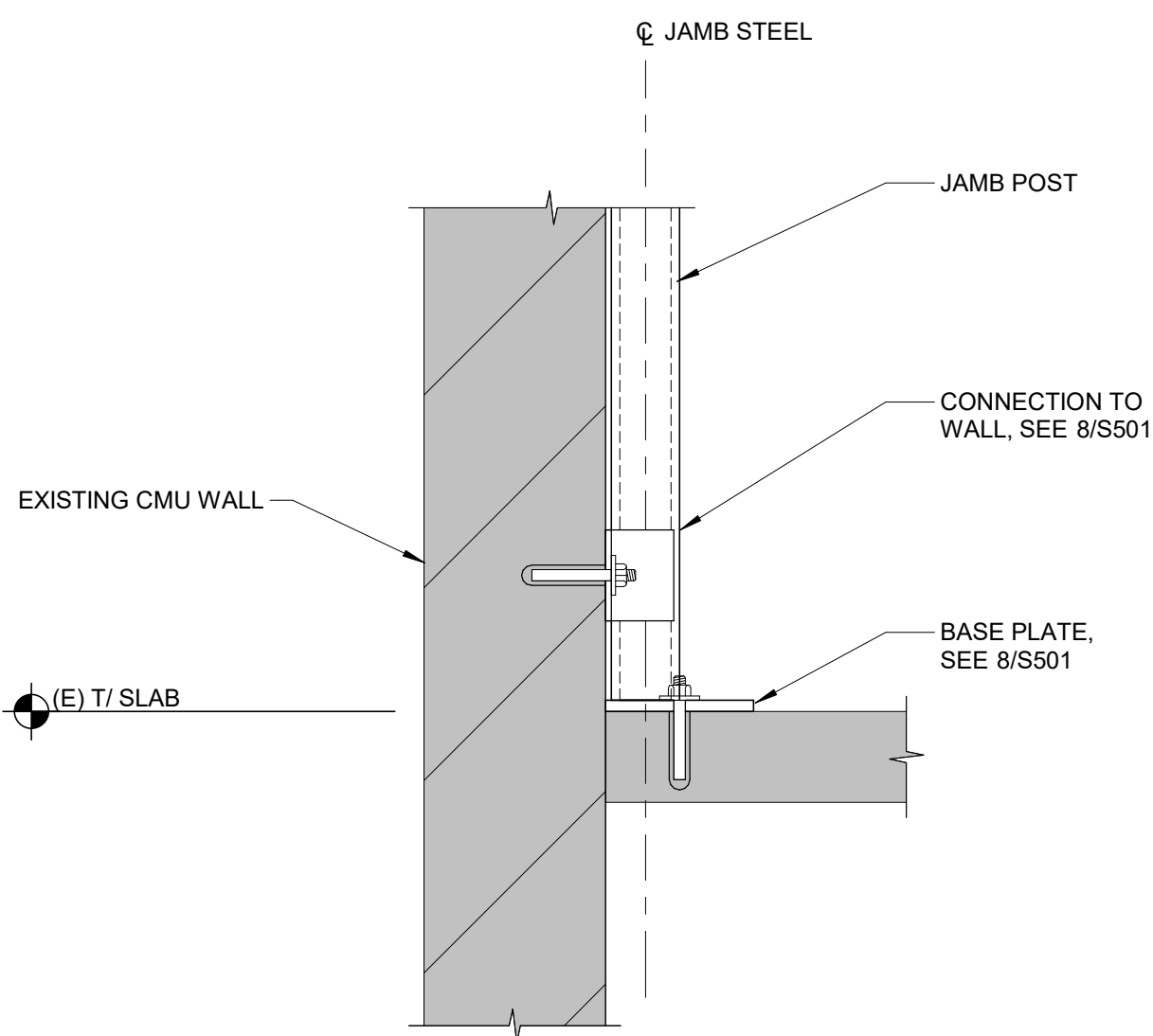
6 FOUNDATION WALL DETAIL
S501 1/2" = 1'-0"



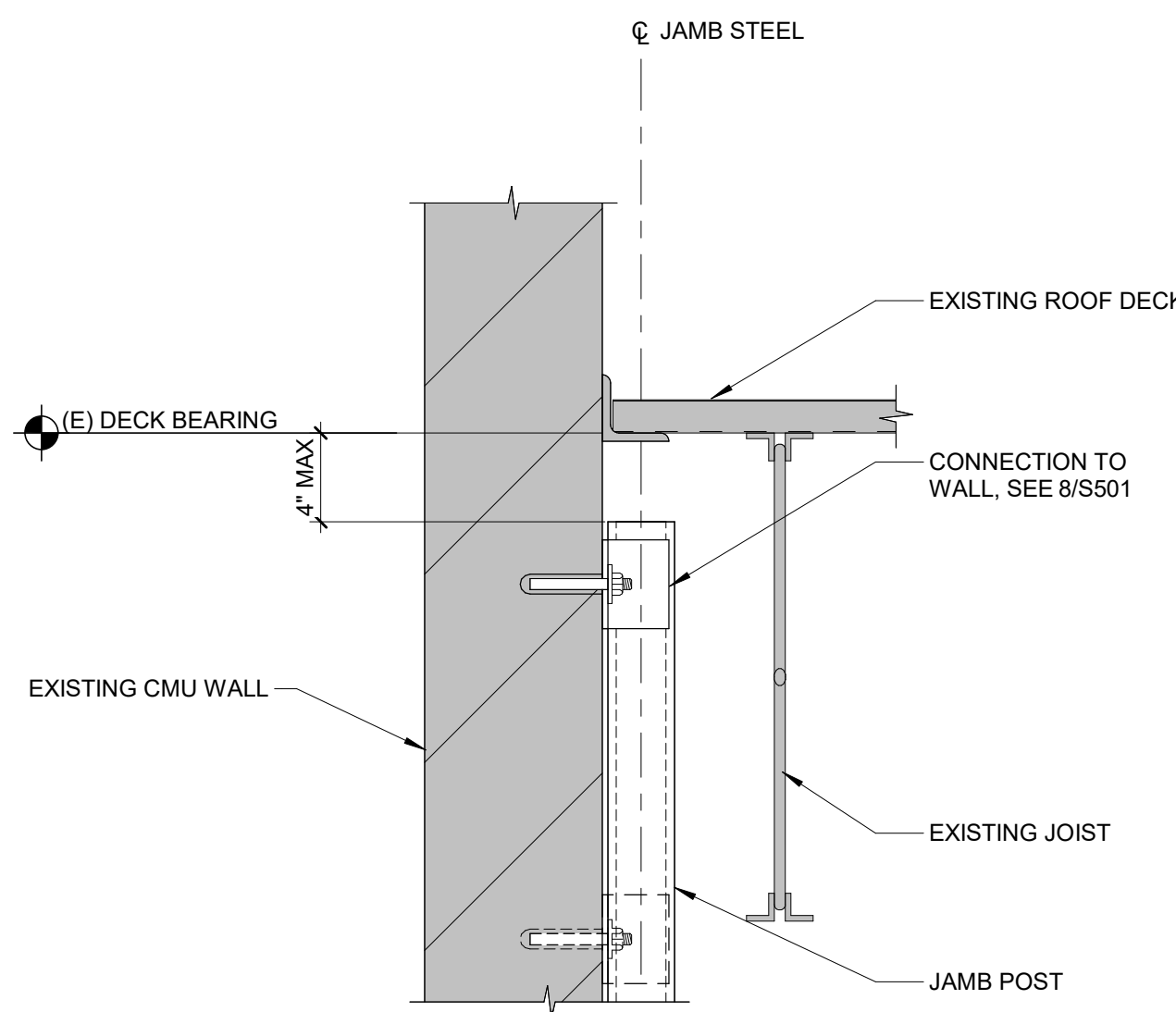
7 STOOP FOUNDATION DETAIL
S501 1/2" = 1'-0"



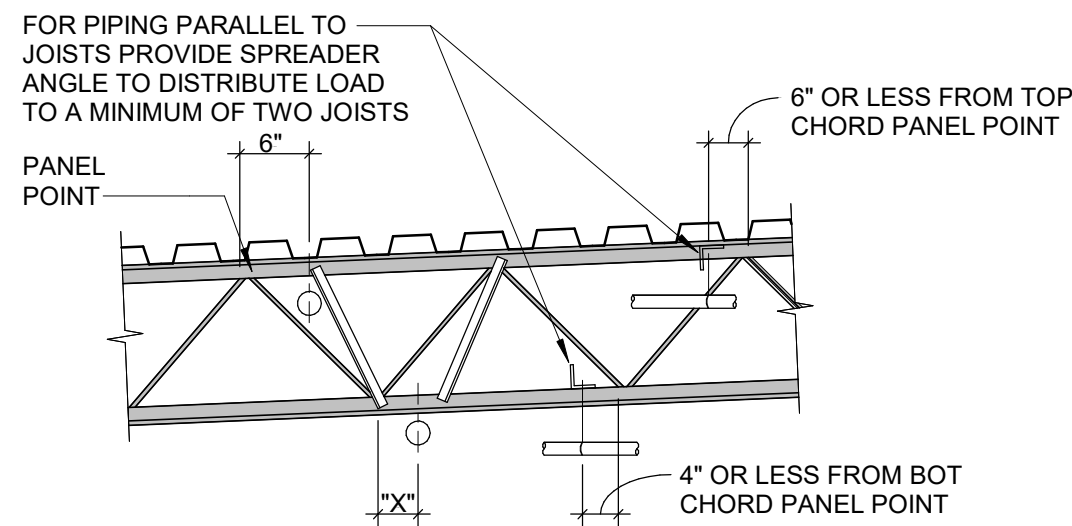
8 JAMB REINFORCING DETAIL
S501 1 1/2" = 1'-0"



9 JAMB REINFORCING DETAIL
S501 1 1/2" = 1'-0"

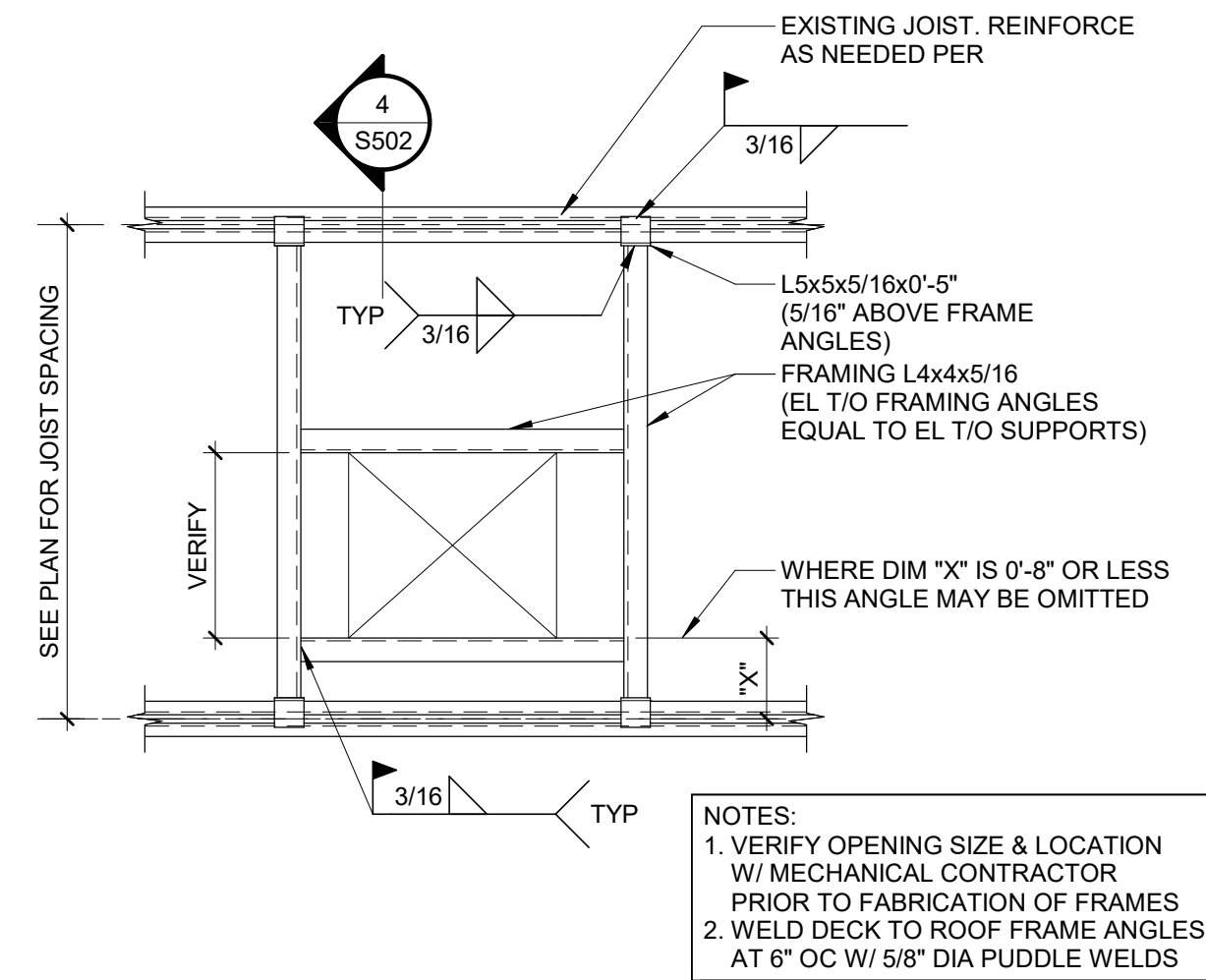
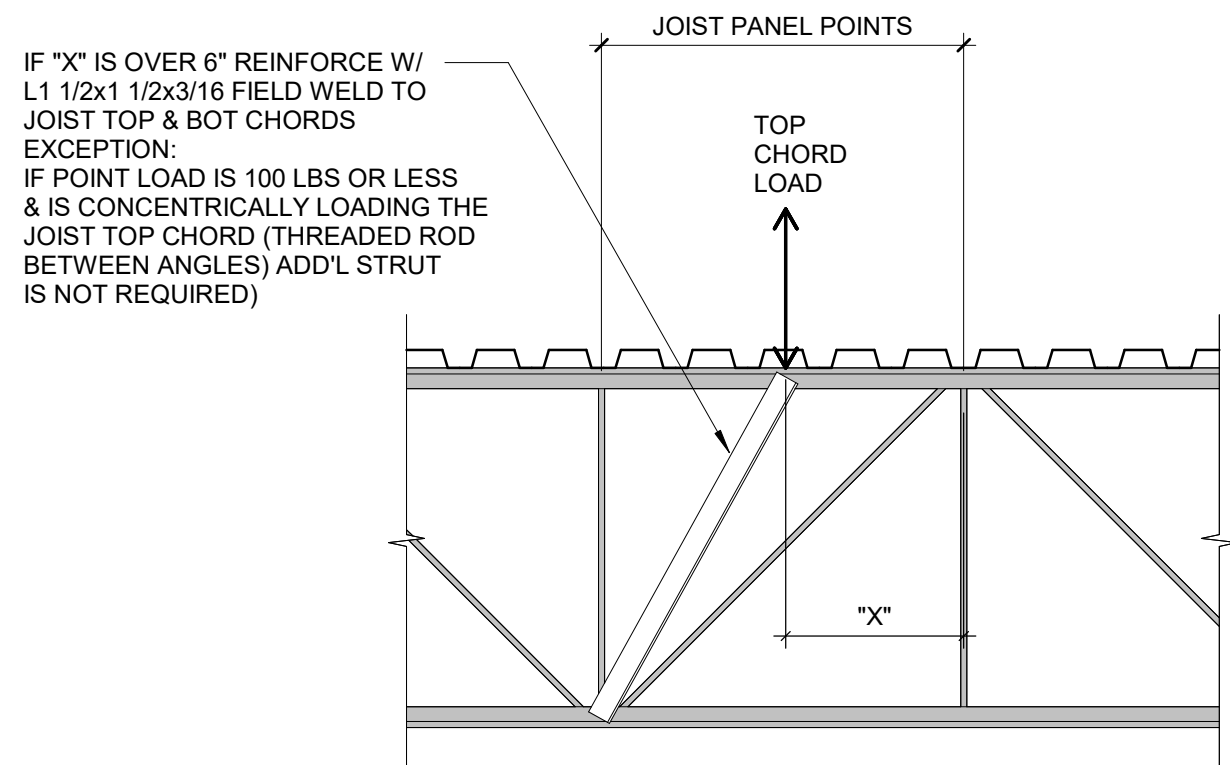


10 JAMB REINFORCING DETAIL
S501 1 1/2" = 1'-0"

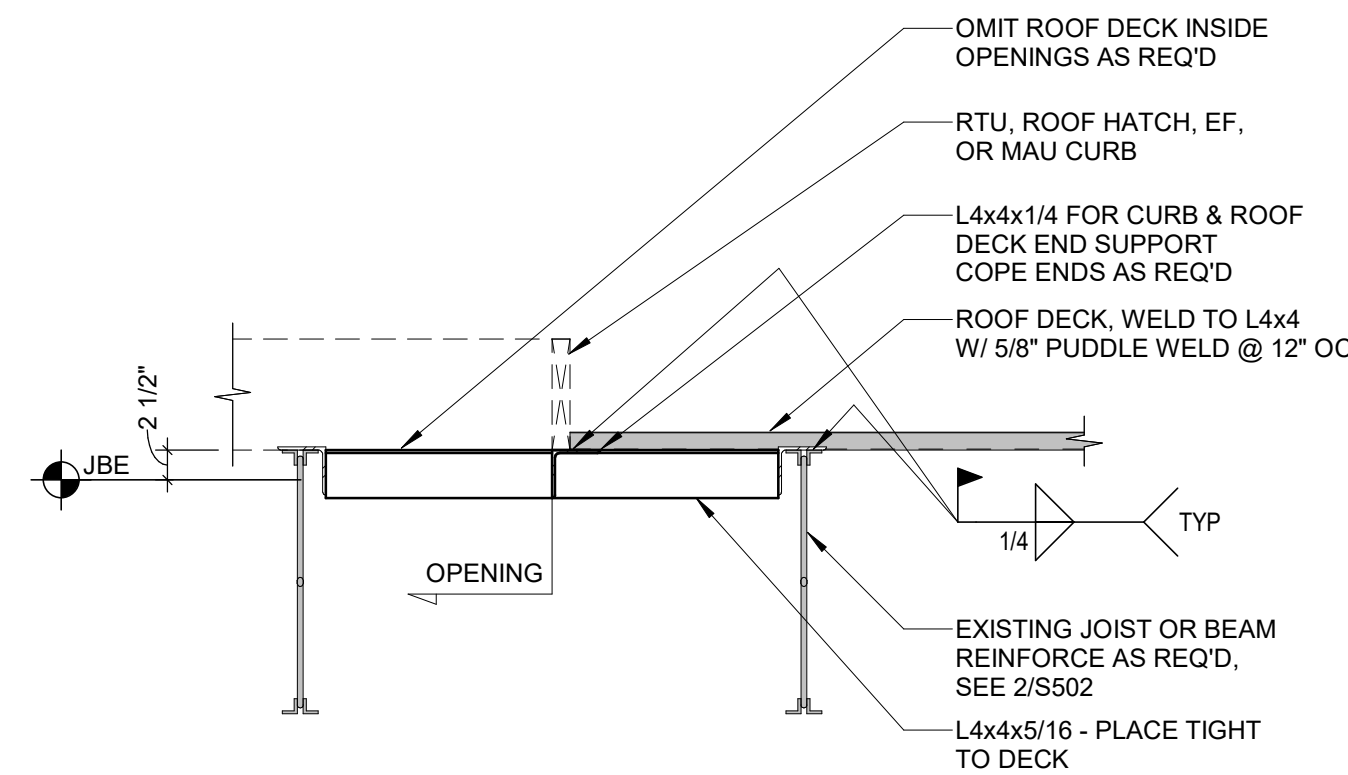


ALL CONCENTRATED LOADS 50 LBS OR MORE SHALL BE HUNG FROM STEEL JOISTS & BE LOCATED WITHIN 6" OF THE JOIST TOP OR BOTTOM CHORD PANEL POINTS. WHERE CONCENTRATED LOADS CANNOT BE HUNG WITHIN 6" OF A JOIST PANEL POINT, REINF JOIST W/ L1 1/2x1 1/2x3/16 FIELD WELD TO JOIST TOP AND BOTTOM CHORDS AT PARALLEL CHORD JOISTS

NOTES:
1. NO DUCTWORK, PIPING OR EQUIPMENT SHALL BE HUNG FROM THE ROOF DECK OR JOIST BRIDGING. ALL SUCH ITEMS SHALL BE HUNG FROM THE BEAMS, JOISTS OR SUPPLEMENTAL STEEL



NOTES:
1. VERIFY OPENING SIZE & LOCATION W/ MECHANICAL CONTRACTOR PRIOR TO FABRICATION OF FRAMES
2. WELD DECK TO ROOF FRAME ANGLES AT 6" OC W/ 5/8" DIA PUDDLE WELDS

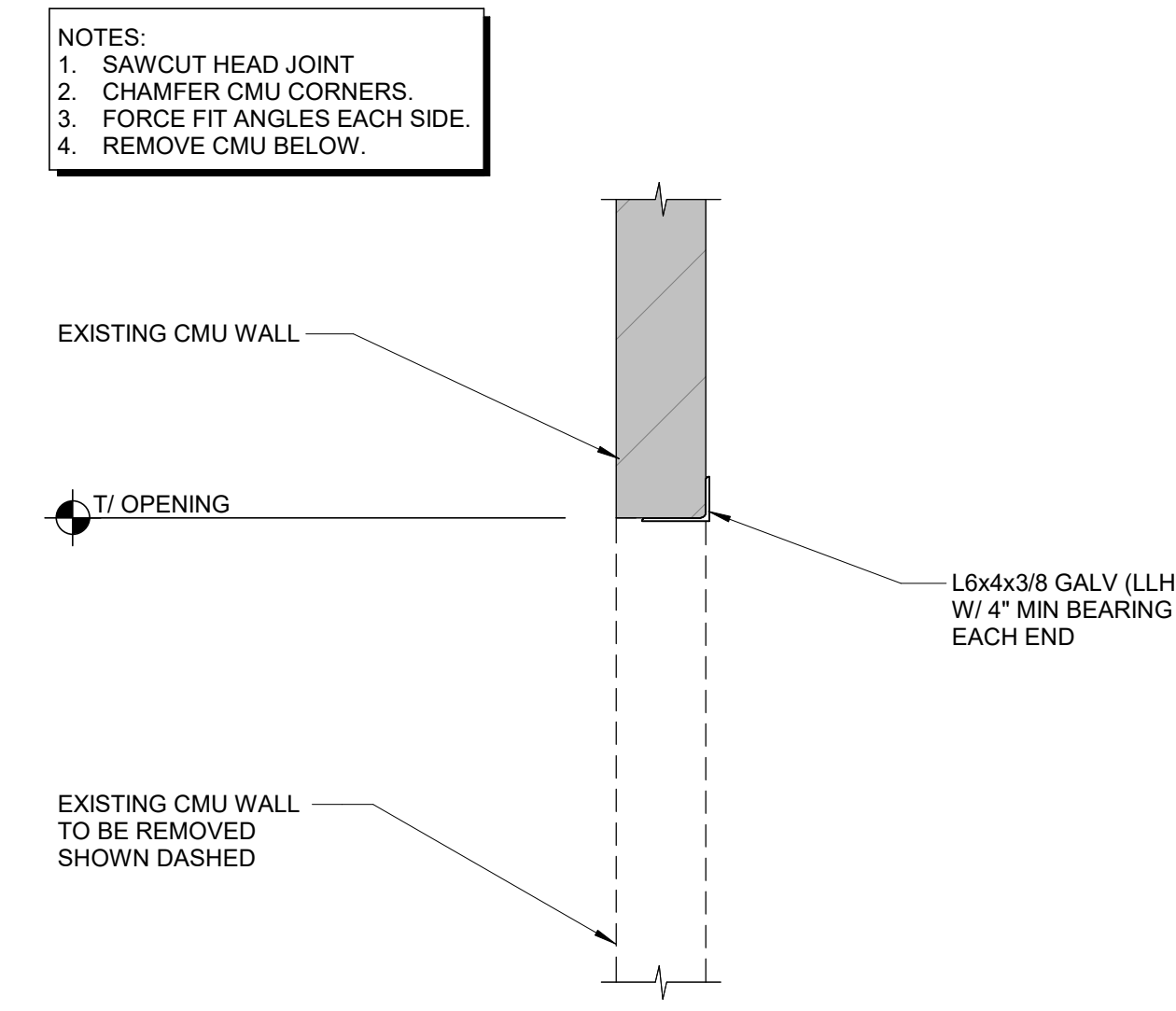
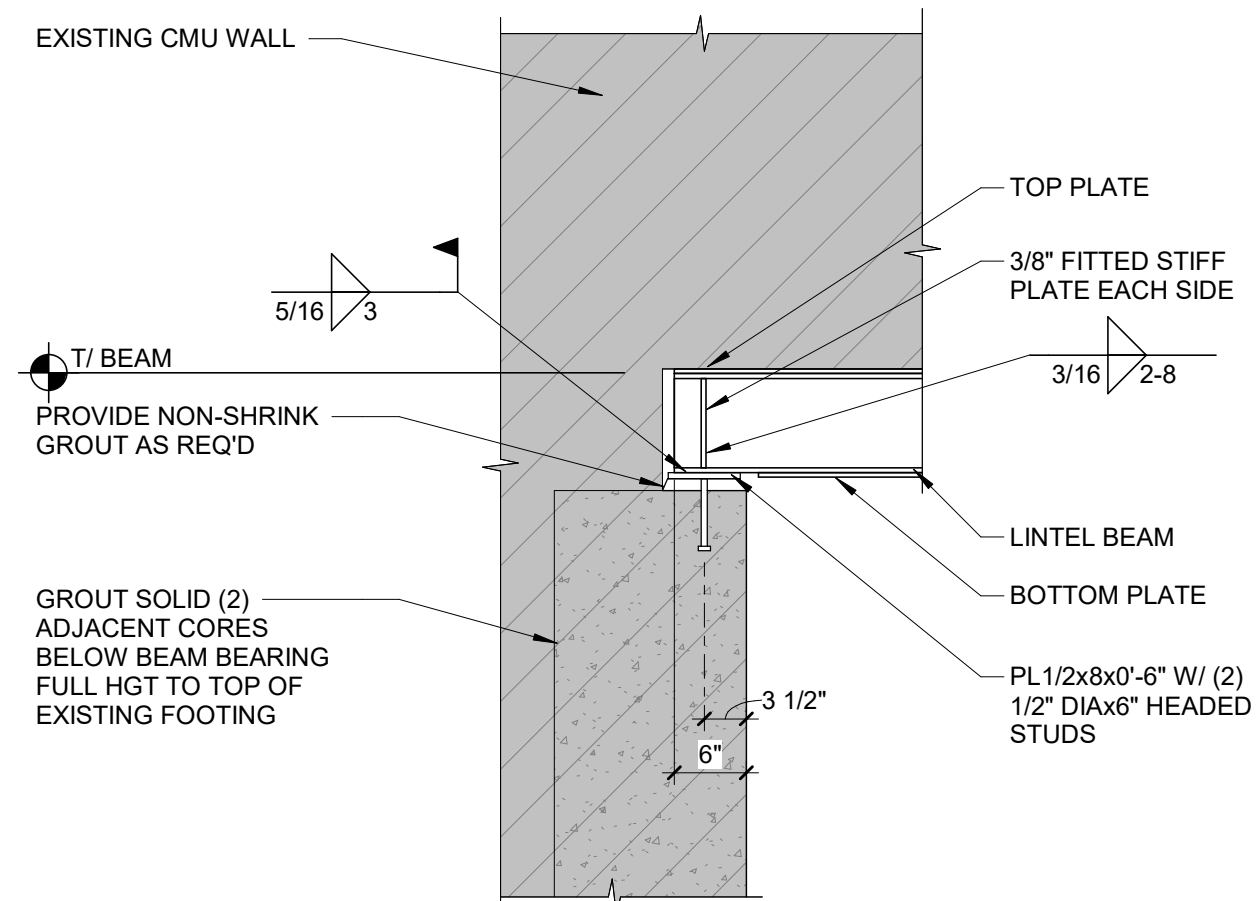
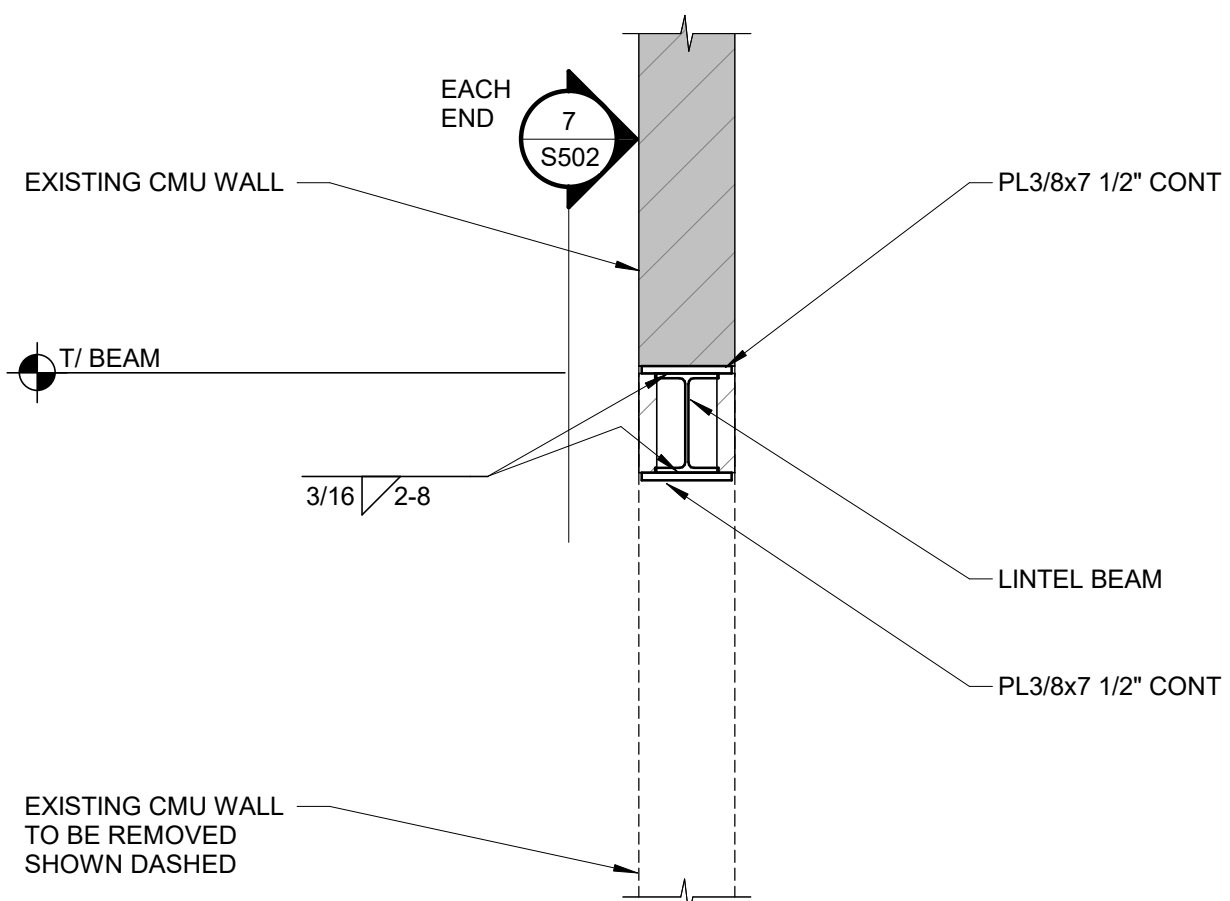
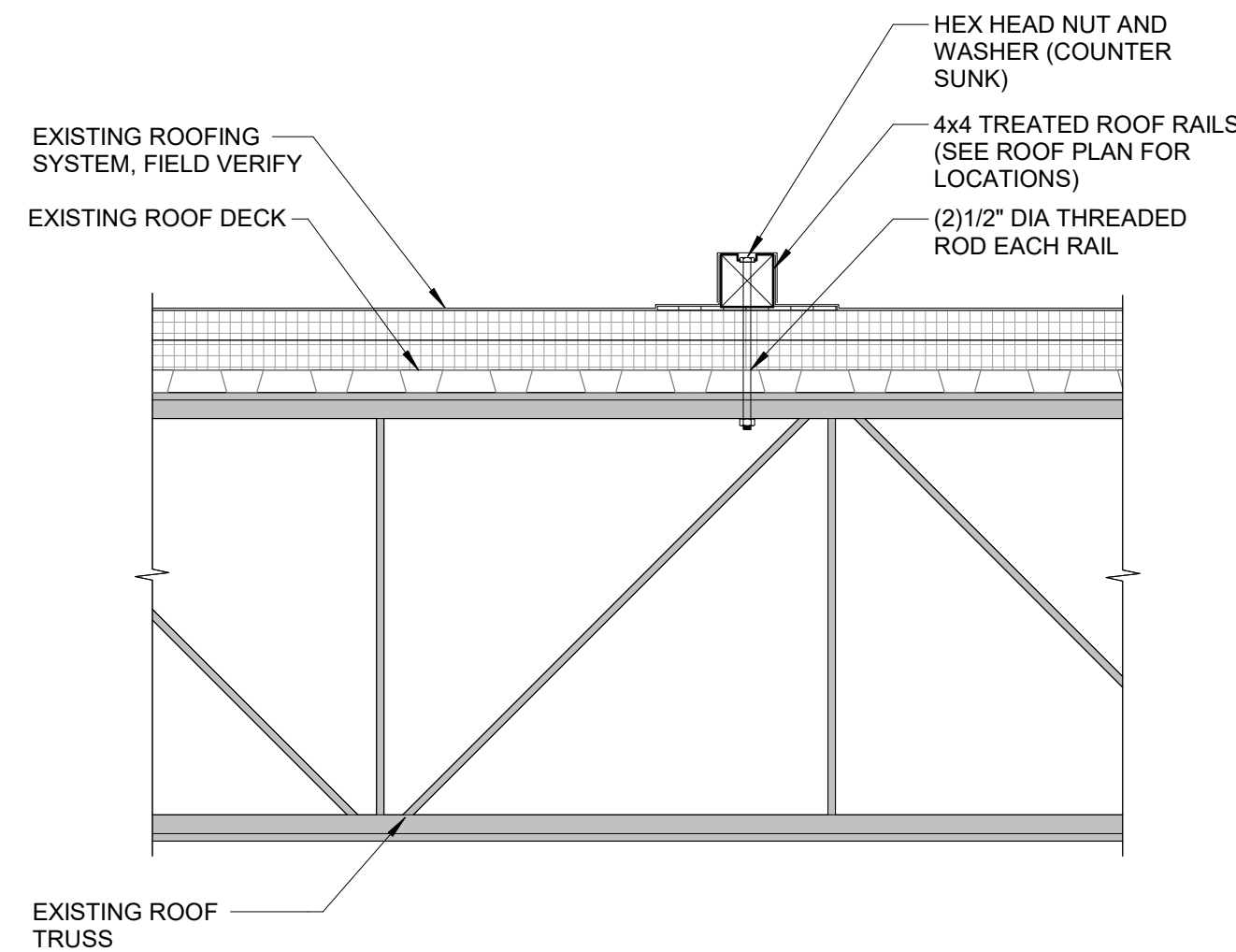


1 TYPICAL HANGING PIPE SUPPORT
3/4" = 1'-0"

2 JOIST REINFORCING DETAIL
3/4" = 1'-0"

3 TYPICAL ROOF FRAME DETAIL
3/4" = 1'-0"

4 ROOF FRAME DETAIL
3/4" = 1'-0"



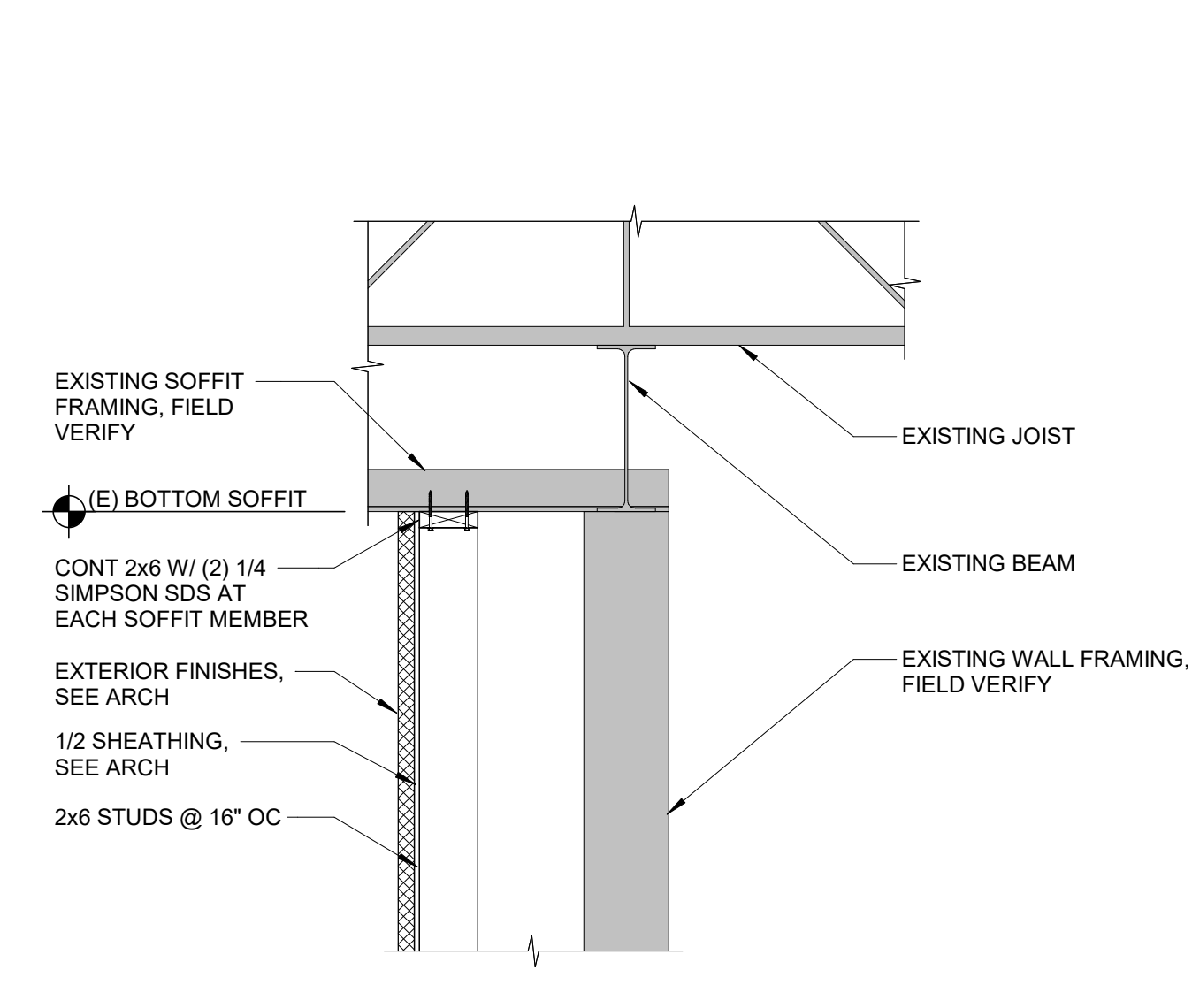
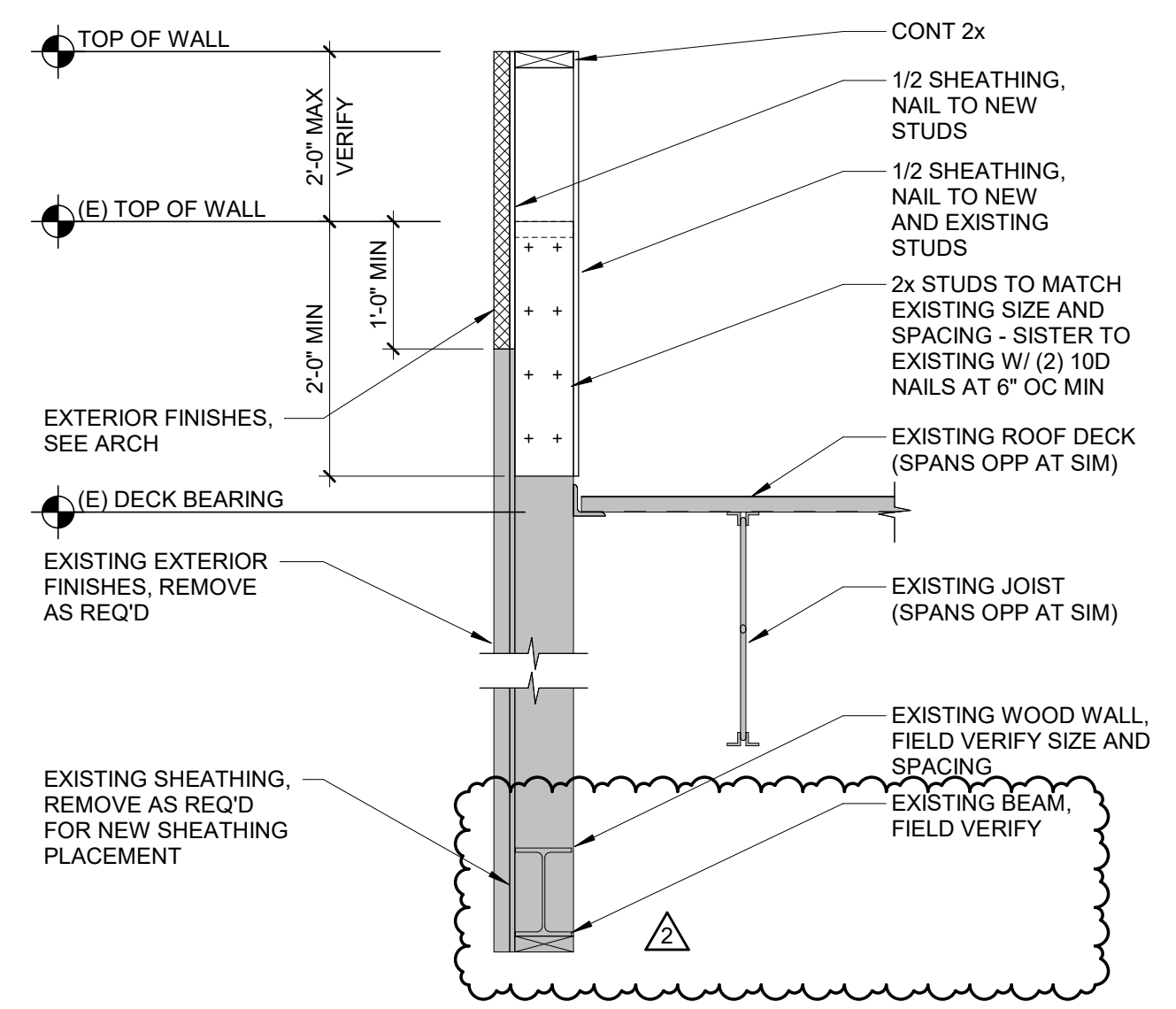
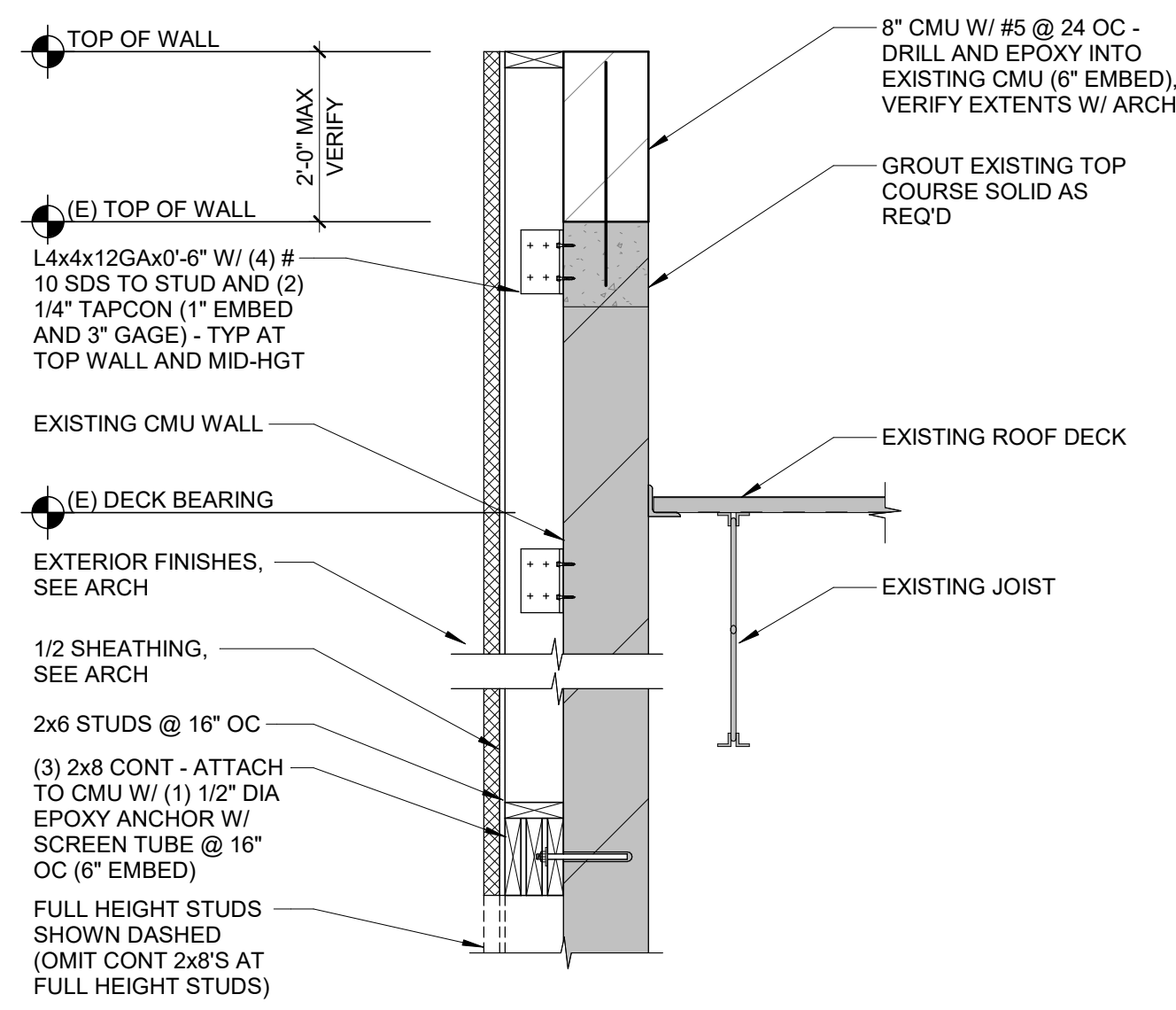
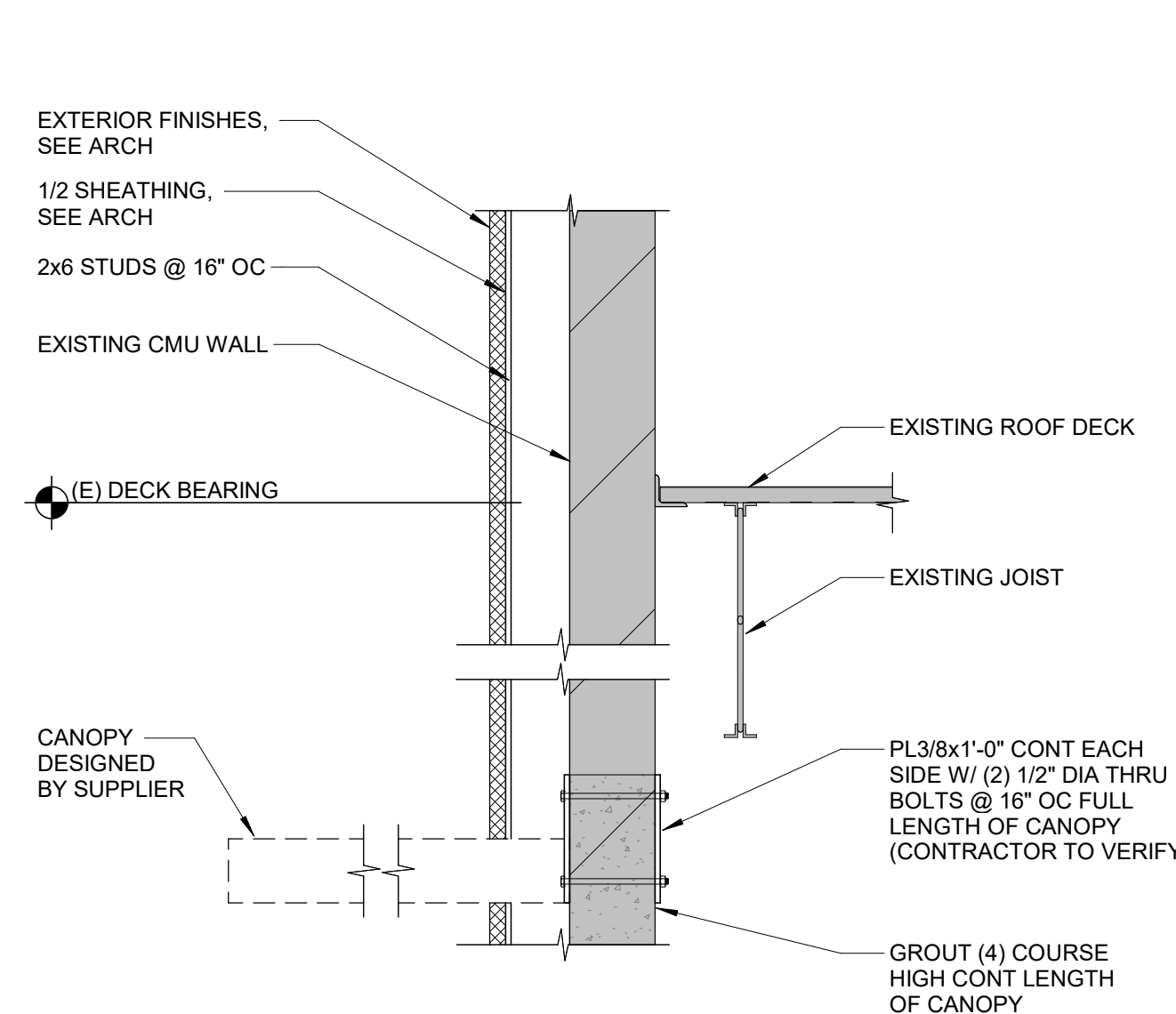
NOTES:
1. SAWCUT HEAD JOINT
2. CHAMFER CMU CORNERS.
3. FORCE FIT ANGLES EACH SIDE.
4. REMOVE CMU BELOW.

5 CU SUPPORT DETAIL
1" = 1'-0"

6 LINTEL DETAIL
3/4" = 1'-0"

7 LINTEL BEARING DETAIL
3/4" = 1'-0"

8 LINTEL DETAIL
3/4" = 1'-0"



9 CANOPY SUPPORT DETAIL
3/4" = 1'-0"

10 PARAPET FRAMING DETAIL
3/4" = 1'-0"

11 PARAPET FRAMING DETAIL
3/4" = 1'-0"

12 FRAMING DETAIL
3/4" = 1'-0"

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 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 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.

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
COZAS	TENANT'S CO2 ALARM SUPPLIER
GC	GENERAL CONTRACTOR
HES	TENANT'S HVAC EQUIPMENT SUPPLIER
HS	TENANT'S HOOD SUPPLIER
KES	TENANT'S KITCHEN EQUIPMENT SUPPLIER
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

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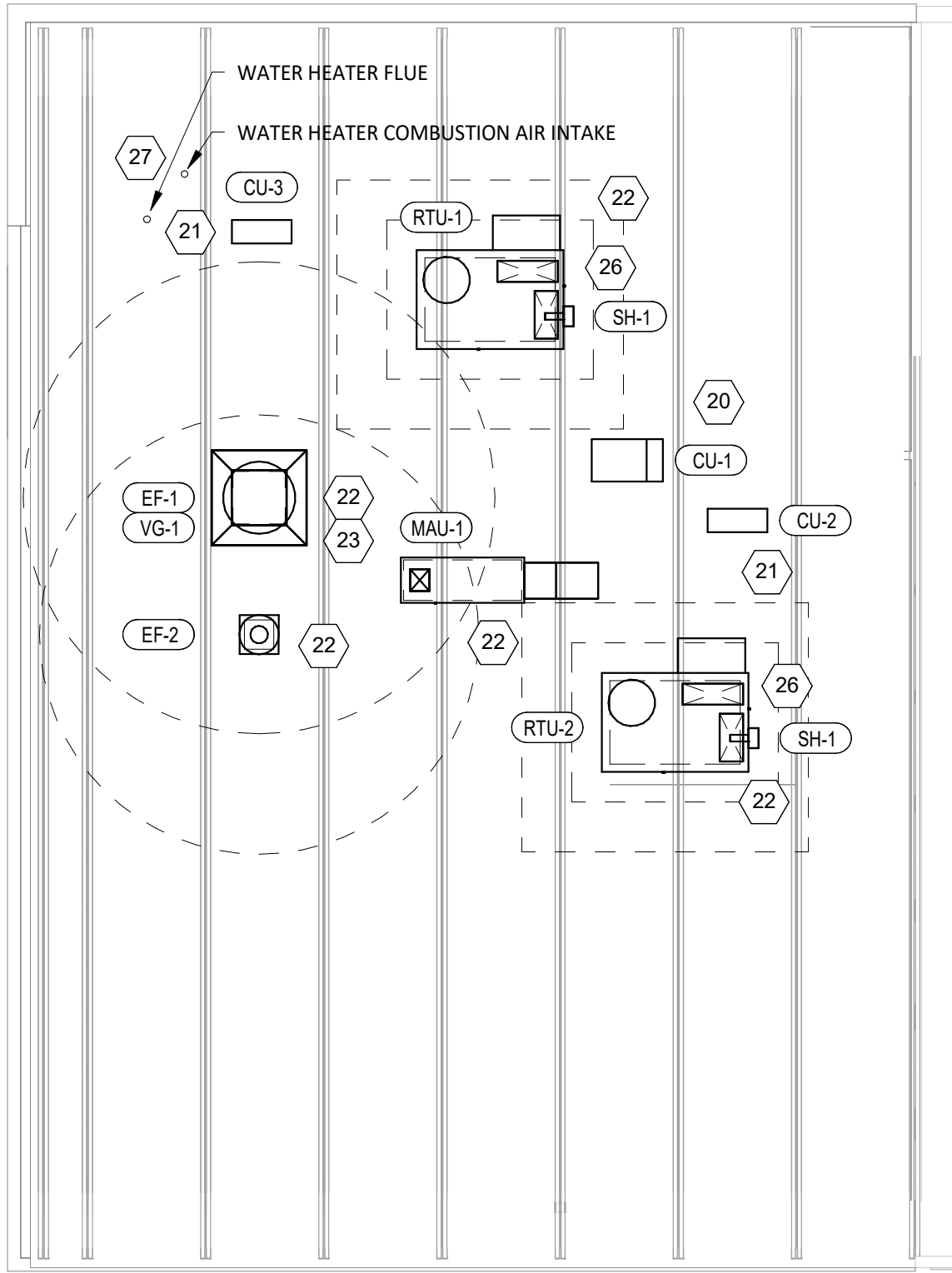
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HVAC SPECIFICATIONS

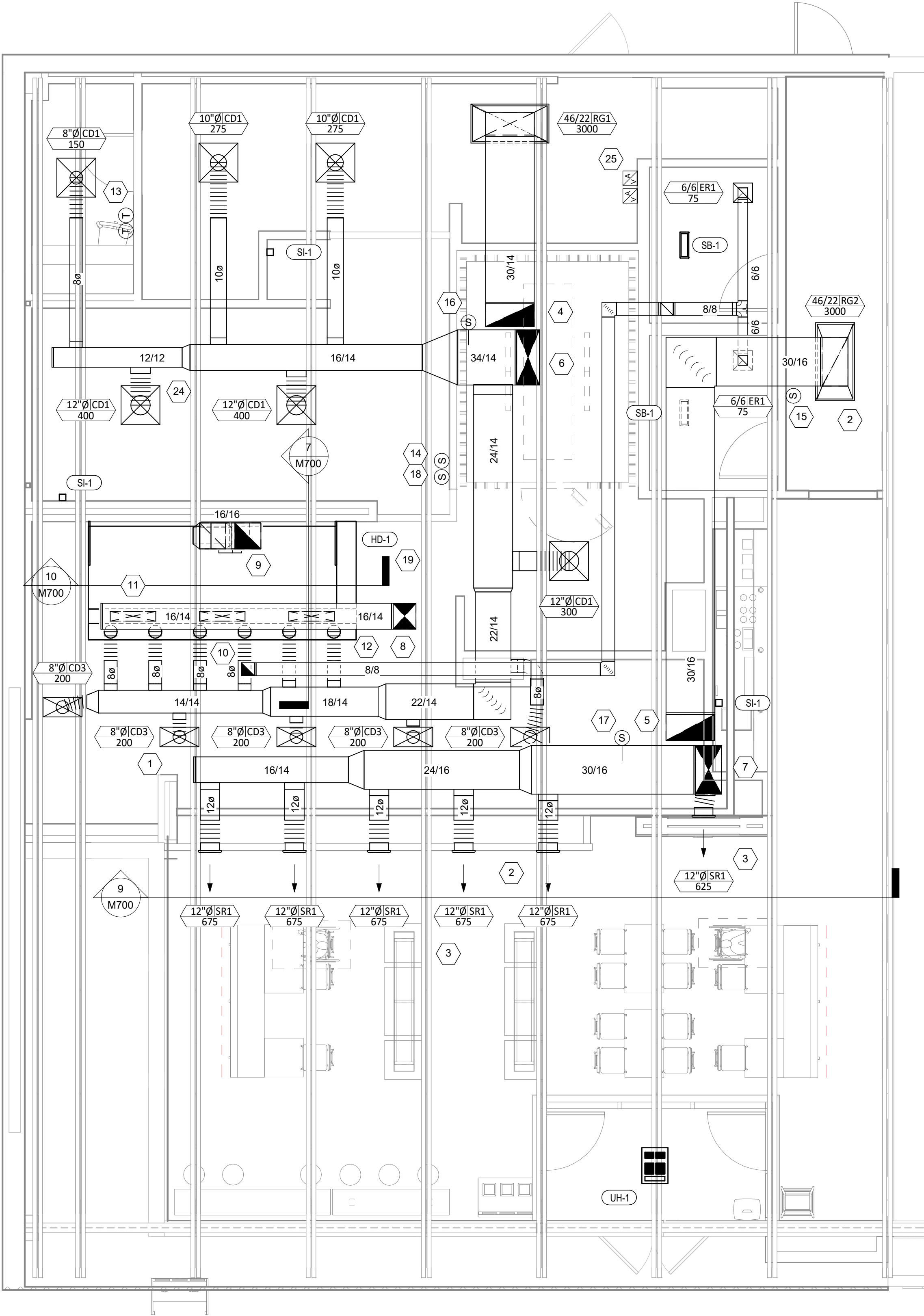
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HVAC PLAN NOTES

- SEE ARCHITECTURAL REFLECTED CEILING PLAN FOR CEILING MOUNTED EQUIPMENT LOCATION. TYPICAL.
- PAINT DUCTWORK VISIBLE THROUGH DINING ROOM SUPPLY REGISTERS AND RETURN GRILL BLACK. TYPICAL.
- 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.
- 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.
- 30/16 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.
- 34/14 DUCT UP FROM BUILDING SUPPLY THROUGH ROOF. TRANSITION TO RTU-1 SUPPLY CONNECTION IN ROOF CURB.
- 30/16 DUCT UP FROM BUILDING SUPPLY TO RTU-2 SUPPLY CONNECTION. TRANSITION IN ROOF CURB.
- 16/14 DUCT UP THROUGH ROOF. TRANSITION TO MAU-1 SUPPLY CONNECTION IN ROOF CURB.
- 16/16 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.
- 8/8 DUCT UP THROUGH ROOF TO EF-2.
- 28/6 DUCT DOWN TO MAKEUP AIR P5P DUCT CONNECTION. TRANSITION TO SUPPLY PLENUM OPENING SIZE. TYPICAL FOR 3.
- 8" DIA. DUCT DOWN TO AC P5P DUCT CONNECTION. TRANSITION TO SUPPLY PLENUM OPENING SIZE. TYPICAL. CAP UNUSED DUCT CONNECTIONS.
- 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.
- INSTALL GRIDPOINT ZONE SENSOR MODULE FURNISHED BY TEMS FOR RTU-1 AT THIS LOCATION 60" AFF DIRECTLY TO WALL (NO JUNCTION BOX). COORDINATE LOCATION WITH EQUIPMENT. PROVIDE WIRING AS SHOWN IN DETAIL 8/E710.
- 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.
- 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.
- 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.
- INSTALL REMOTE TEMPERATURE SENSOR FOR HOOD HD-1 AT THIS LOCATION 60" AFF. COORDINATE LOCATION WITH EQUIPMENT. PROVIDE (2) #18 G. THERMISTOR CABLE FROM TEMPERATURE SENSOR TO HOOD CONTROL PANEL.
- 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.
- 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.
- 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.
- INSTALL ROOFTOP EQUIPMENT PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS.
- 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.
- PROVIDE SUPPLY DIFFUSER CONNECTION TO SUPPLY SYSTEM PER DETAIL 1/M700. TYPICAL.
- 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.
- 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.
- 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.



2
M100
1/8" = 1'-0"



1
M100
1/4" = 1'-0"

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HVAC PLAN

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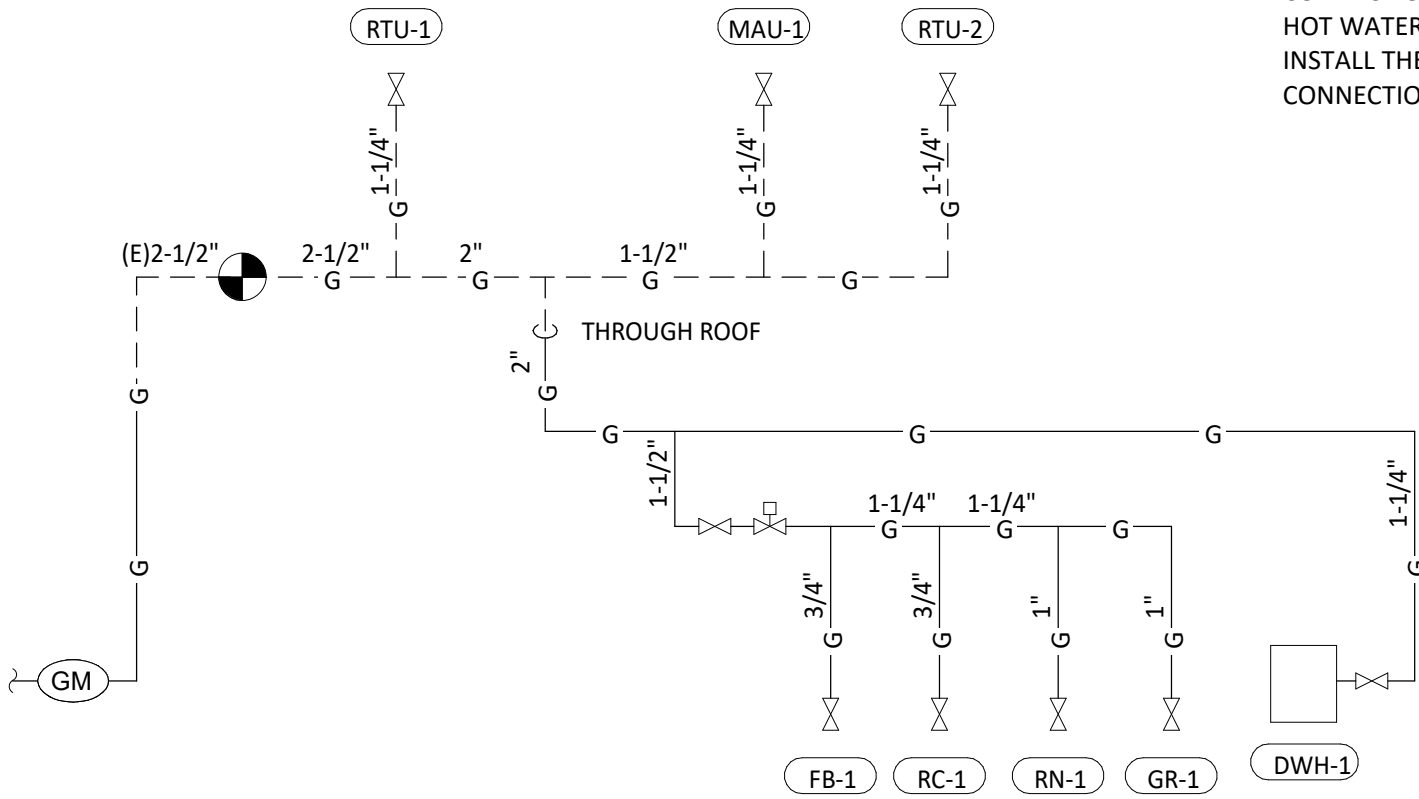
PLUMBING FIXTURE SUPPLY CONNECTIONS

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.											
TAG	FIXTURE	CONNECTION SIZES		ROUGH-IN TYPE	FIXTURE UNITS (EACH)				FIXTURE UNITS (TOTAL)		
		CW	HW		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
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	8
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
P-1	RECIRCULATING PUMP	1/2"		DIRECT			0	1			0
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
WS-1	WATER SOFTENER	1"		DIRECT	0	0	0	1	0	0	0
											46

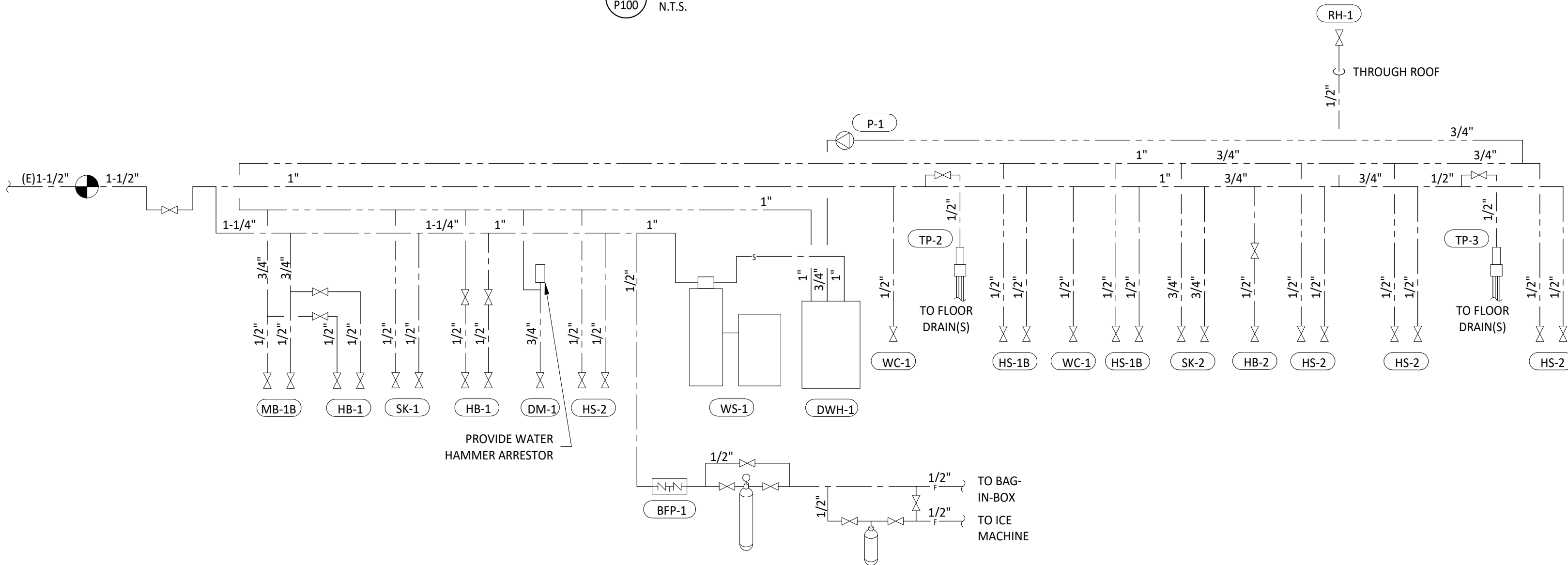
CONNECTED GAS LOAD

FIXTURE	TAG	MBH	EQUIVALENT LENGTH FROM METER [FT]
GAS TANK-TYPE WATER HEATER	DWH-1	199	100
GAS FRYER	FB-1	90	90
GRIDDLE	GR-1	107	100
MAKEUP AIR UNIT	MAU-1	225	80
RICE COOKER	RC-1	33	95
RANGE	RN-1	192	100
KITCHEN ROOFTOP UNIT	RTU-1	250	70
DINING ROOM ROOFTOP UNIT	RTU-2	250	100
Grand total		1346	MAX: 100

- NOTES:
1. PRESSURE REQUIRED AFTER METER: 7" W.C.
2. DISTANCES ARE APPROXIMATE



3 P100 GAS DISTRIBUTION DIAGRAM N.T.S.



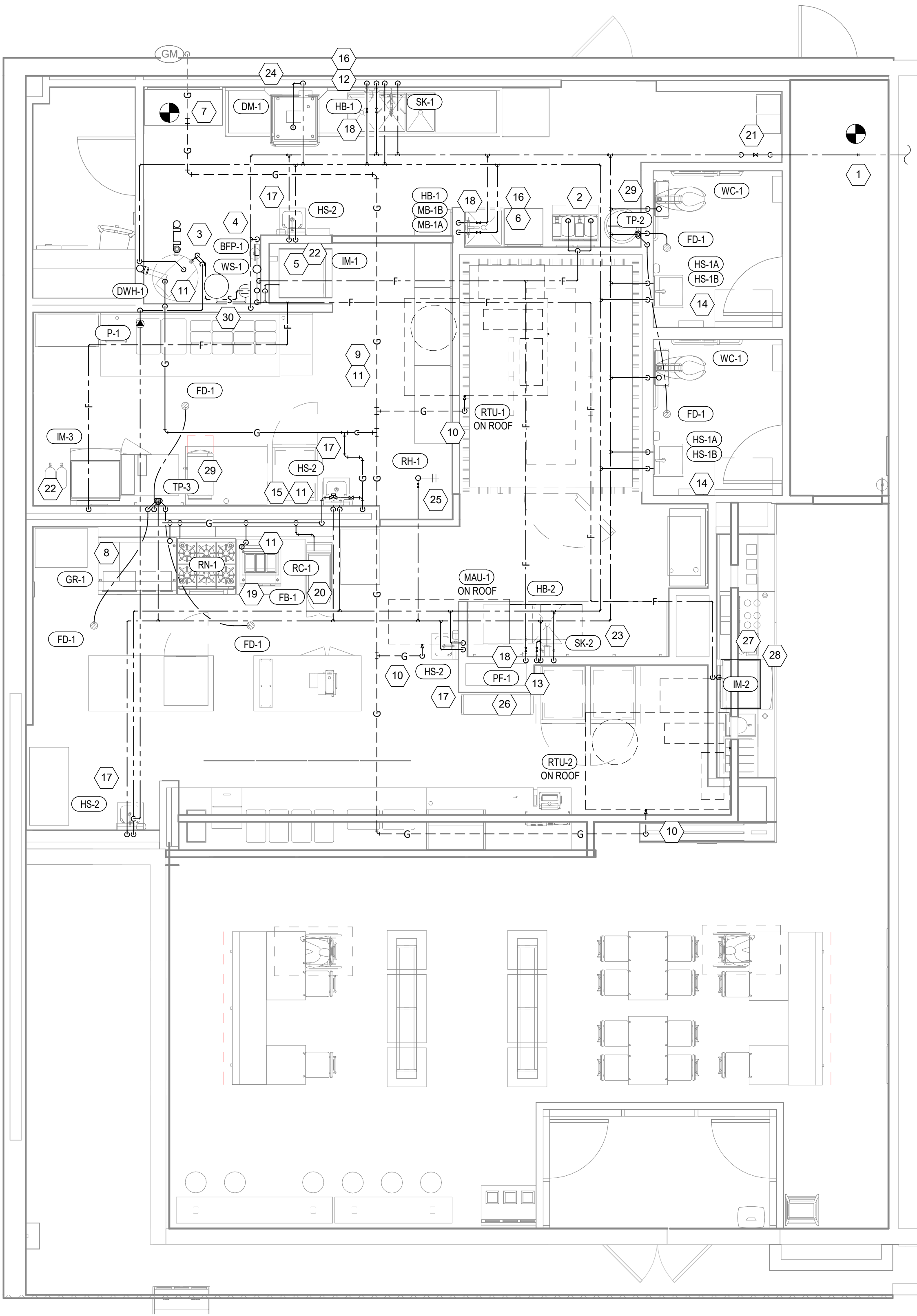
2 P100 PLUMBING SUPPLY DIAGRAM N.T.S.

PLUMBING SUPPLY PLAN NOTES

- CONNECT TO THE EXISTING 1-1/2" DOMESTIC WATER SERVICE WITH EXISTING UPSTREAM METER, SUB-METER, AND BACKFLOW PREVENTER.
- 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.
- PROVIDE WATER HEATER DWH-1 PER DETAIL 1/P700.
- 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.
- 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.
- 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. CONNECT TO THE EXISTING GAS PIPE ON ROOF.
- PROVIDE GAS CONNECTIONS TO THE COOKING EQUIPMENT PER DETAIL 7/P700.
- SUPPORT THE GAS PIPE ON THE ROOF PER DETAIL 5/P700. WOOD BLOCKING IS NOT AN ACCEPTABLE METHOD OF SUPPORTING THE GAS PIPE.
- PROVIDE ACCESSIBLE LINE-SIZED GAS VALVE, DIRT LEG, AND UNION AT GAS CONNECTION TO THE EQUIPMENT.
- REFER TO ARCHITECTURAL DRAWINGS FOR PAINTING OF INTERIOR AND EXTERIOR EXPOSED GAS PIPE.
- PROVIDE DOMESTIC WATER ROUGH-INS FOR THE CHEMICAL DISPENSER FAUCET (HB-1) AT 52" AFF. SEE ARCHITECTURAL ELEVATION FOR ADDITIONAL INFORMATION.
- PROVIDE DOMESTIC WATER ROUGH-INS FOR THE VICTORY WASH DISPENSER FAUCET (HB-2) AT 52" AFF. SEE ARCHITECTURAL ELEVATION FOR ADDITIONAL INFORMATION.
- PROVIDE ROUGH-INS TO RESTROOM HAND SINKS AS SHOWN IN DETAIL 14/P700.
- PROVIDE KITCHEN EQUIPMENT GAS SHUTOFF 6" BELOW THE CEILING PER DETAIL 4/P700.
- CONNECT CHEMICAL DISPENSER TO HB-1. CHEMICAL DISPENSER HAS AN INTEGRAL AIR GAP AS IS SHOWN IN DETAIL 10/P700.
- 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.
- PROVIDE ACCESSIBLE VALVE IN WATER SUPPLY TO FIXTURE AS SHOWN.
- PROVIDE GAS CONNECTION TO THE RICE COOKER PER DETAIL 6/P700.
- PROVIDE GAS ROUGH-IN TO FRYER BEHIND RICE COOKER TABLE SO THAT VALVES AND DIRT LEG ARE ACCESSIBLE ONCE FRYER IS SECURED INTO PLACE.
- PROVIDE AN ACCESSIBLE MAIN DOMESTIC WATER SHUTOFF VALVE ABOVE LAY-IN CEILING AS SHOWN. VALVE SHALL BE 12" ABOVE THE TOP OF THE LAY-IN CEILING. PERMANENTLY INSTALL THE "WATER SHUTOFF" SIGN TO THE CEILING GRID BELOW THE VALVE.
- INSTALL RGF IMSB ICE MAKER SANITIZER FURNISHED BY TUV PER CHIPOTLE'S INSTALLATION INSTRUCTIONS.
- 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.
- 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.

PLUMBING SUPPLY PLAN NOTES

- 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.
- PROVIDE FILTERED DOMESTIC WATER ROUGH-INS FOR THE SPEED FILL POT FILLER FAUCET (PF-1) AT 40" AFF. SEE ARCHITECTURAL ELEVATION FOR DETAIL.
- 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.
- 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.
- 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).
- PROVIDE WATER SOFTENER AS SHOWN IN DETAIL 16/P700.



1 P100 PLUMBING SUPPLY PLAN 1/4" = 1'-0"

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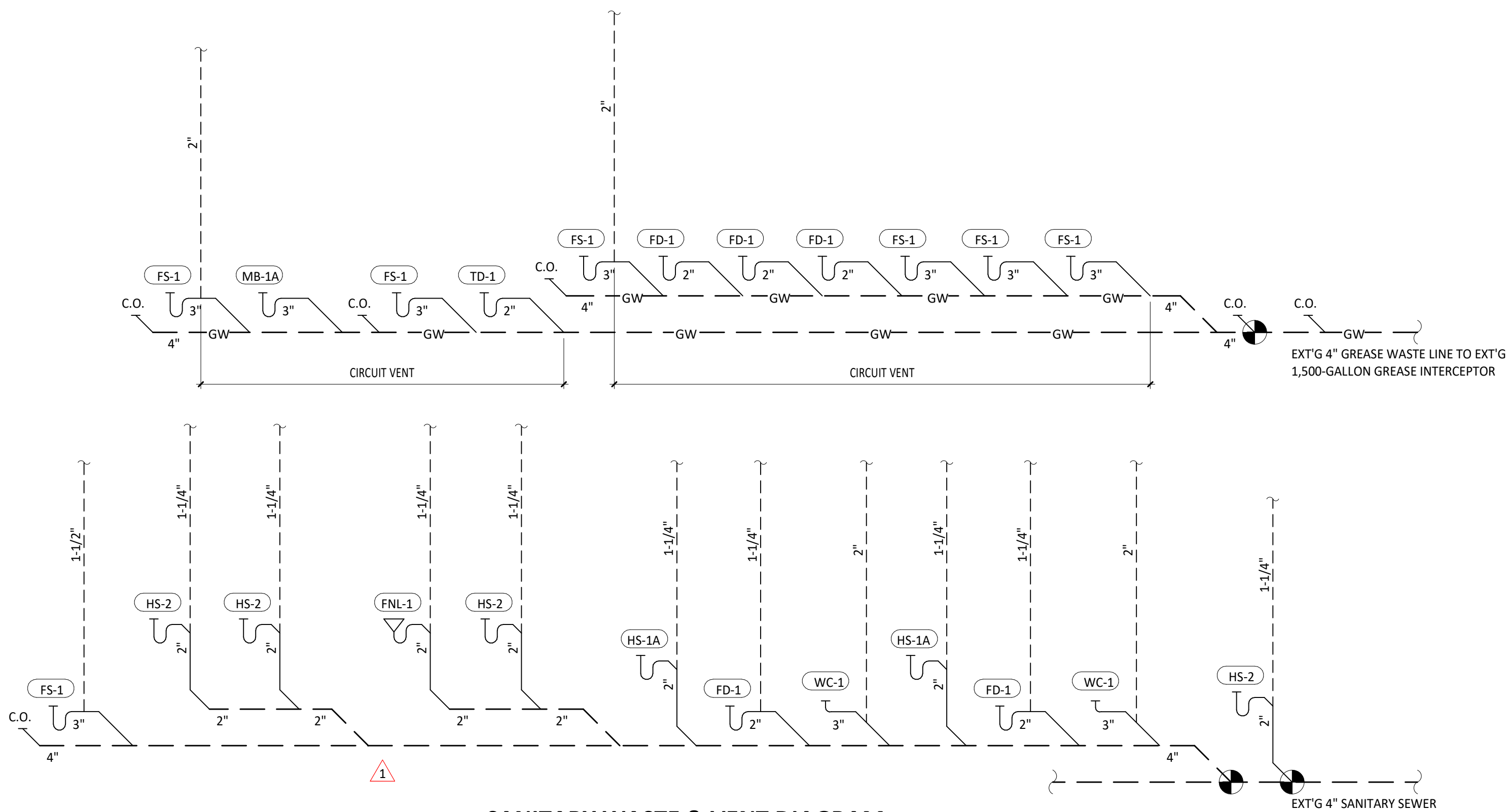
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PLUMBING PLAN
WATER & GAS

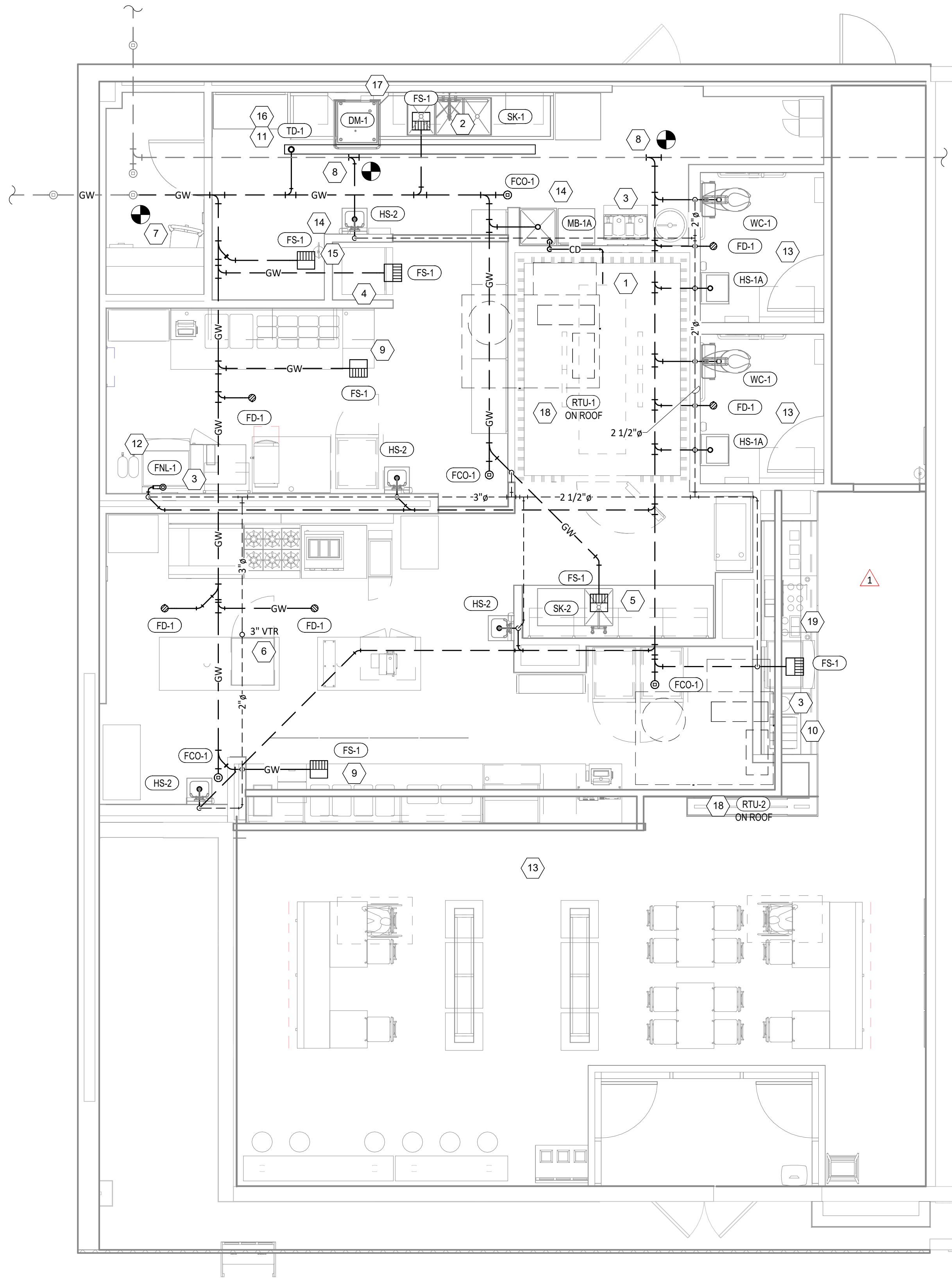
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PLUMBING WASTE AND VENT PLAN NOTES

- 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.
- 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 CONNECT TO EXISTING 4" GREASE WASTE LINE LEADING TO EXISTING DEDICATED 1,500 GALLON INTERCEPTOR.
- 8 CONNECT TO EXISTING 4" SANITARY SEWER.
- 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 FLOOR SINK 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.



2 SANITARY WASTE & VENT DIAGRAM
P110 N.T.S.



1 SANITARY WASTE & VENT PLAN
P110 1/4" = 1'-0"

Consultant:



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Issue Record:
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1 03/25/2024 CMG COMMENTS

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Checked: MPC

Project No.
2301039

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
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
ET-1	EXPANSION TANK	GC	GC	AMTROL	ST-12	4.4 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)	4			4"				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
HB-1	HOSE BIB8	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 BIB8	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		0	0	0	1
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	4	1/2"	1/2"	2"	1.5	1.5	2	1	6	6	8	4
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	MS82424	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
P-1	RECIRCULATING PUMP	GC	GC	TACO	003-8C4-PNP	DOMESTIC HOT WATER CARTRIDGE-TYPE CIRCULATOR WITH INTEGRAL TIMER. PROVIDE WITH AQUASTAT SET AT APPROXIMATELY 100° F.	1	1/2"					0		0	0	0	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
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
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
							47								39.25	22.25	46	70

WATER HEATER SCHEDULE

TAG	DESCRIPTION	FURNISHED BY	INSTALLED BY	MANUFACTURER	MODEL	STORAGE	INPUT	RECOVERY RATE [GPH]	TEMP. RISE	WATER CONN.	WEIGHT	TANK DIAMETER	NOTES
DWH-1	GAS TANK-TYPE WATER HEATER	WHS	GC	A.O. SMITH	BTH-199	100.0 gal	199000.0 Btu/h	336 gal/h	70 °F	1 1/2"	1350	2' - 3 3/4"	97% THERMAL EFFICIENCY. STATE SUF100-199NE IS AN APPROVED EQUAL.

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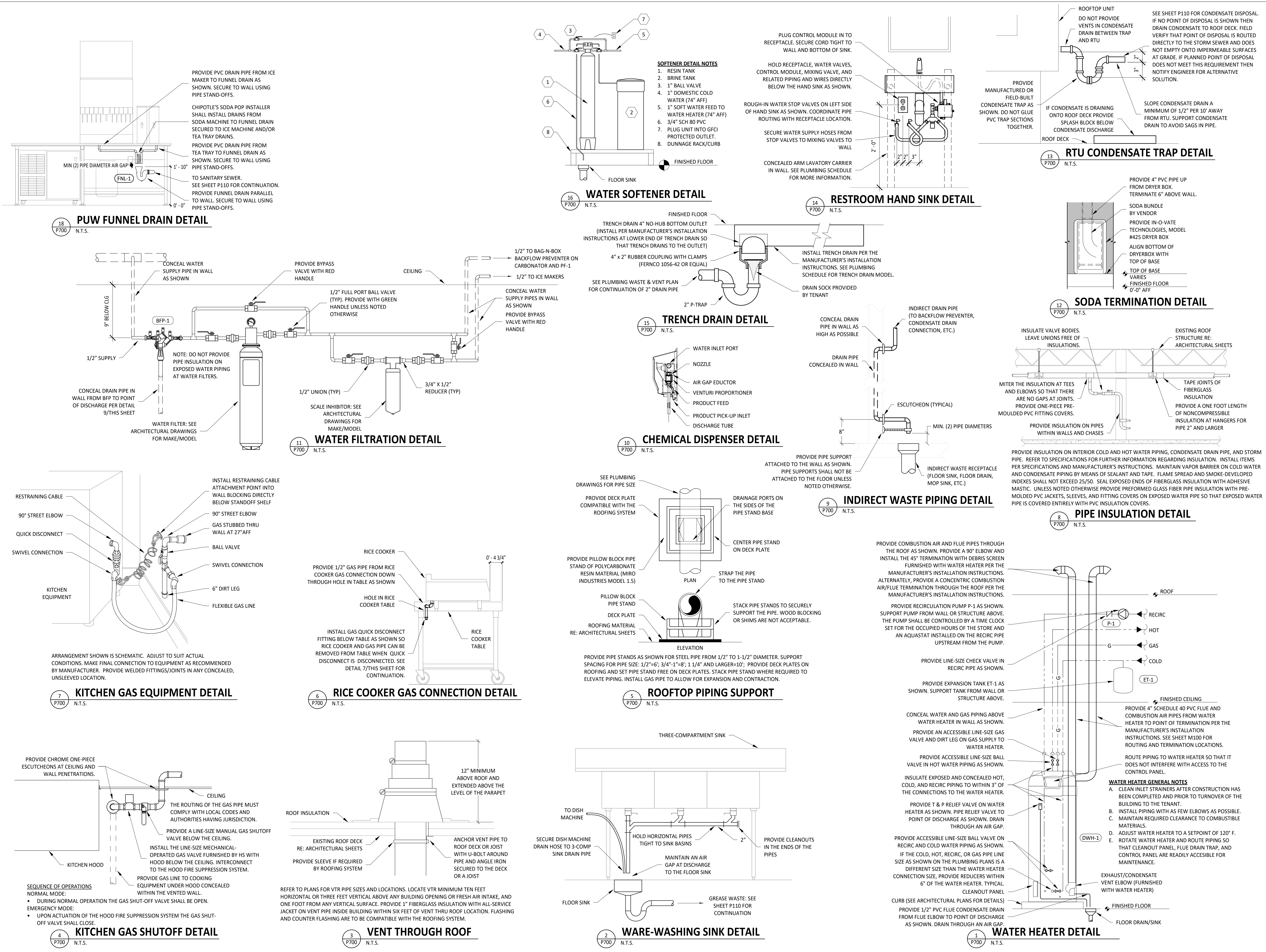
Drawn: MPC
Checked: MPC

Project No.
2301039

Contents:

PLUMBING
SCHEDULES

P600





COMcheck Software Version 4.1.5.5

Interior Lighting Compliance Certificate

Project Information

Energy Code:	2015 IECC	
Project Title:	Chipotle Mexican Grill - Port Huron	
Project Type:	Alteration	
Construction Site:	Owner/Agent:	Designer/Contractor:
3692 24th Ave	Chipotle Mexican Grill	Mike Chapman
Port Huron, MI 48060		National Engineering
		4635 Trueman Blvd
		Suite 250
		Hilliard, OH 43026
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		mchapman@nationalengineering.co
		m

Allowed Interior Lighting Power

A Area Category	B Floor Area (ft2)	C Allowed Watts / ft2	D Allowed Watts (B X C)
1-Dining: Cafeteria/Fast Food	2570	0.90	2313
Total Allowed Watts =			2313

Proposed Interior Lighting Power

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	E (C X D)
Dining: Cafeteria/Fast Food (2670 sq.ft.)				
A1: A1: Other:	1	19	30	570
B1: B1: LED PAR 17W:	1	7	17	119
B2: B2: Other:	1	25	17	425
B3: B3: Other:	1	4	12	48
C0: C0: Other:	1	2	5	10
C2: C2: Other:	1	7	12	84
C3: C3: Other:	1	6	15	90
C4: C4: Other:	1	5	18	90
H1: H1: Other:	1	8	15	120
J4: J4: LED A Lamp 9W:	1	2	9	18
P3: LED PAR 12W:	1	3	12	36
P5: P5: LED A Lamp 6W:	1	4	5	20
P6: P6: Other:	3	1	30	30
TCL-0.5: TCL-0.5: Wattage based on current limiting device capacity	0	0	60	60
TCL-2: TCL-2: Wattage based on current limiting device capacity	0	0	240	240
Total Proposed Watts =			1960	

Project Title: Chipotle Mexican Grill - Port Huron Report date: 03/21/24
Data filename: C:\Users\mchap\Desktop\Projects\2301039 Chipotle - Port Huron, MI\calcs\2024-03-21_PortHuron_MEP-ComCheck.cck Page 1 of 13



COMcheck Software Version 4.1.5.5

Inspection Checklist

Energy Code: 2015 IECC

Requirements: 0.0% were addressed directly in the COMcheck software

Text in the "Comments/Assumptions" column is provided by the user in the COMcheck Requirements screen. For each requirement, the user certifies that a code requirement will be met and how that is documented, or that an exception is being claimed. Where compliance is itemized in a separate table, a reference to that table is provided.

Section # & Req.ID	Plan Review	Complies?	Comments/Assumptions
C103.2 [PR2] ¹	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the mechanical systems and equipment and document where exceptions to the standard are claimed. Load calculations per acceptable engineering standards and handbooks.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C103.2 [PR3] ¹	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the service water heating systems and equipment and document where exceptions to the standard are claimed. Hot water system sized per manufacturer's sizing guide.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C103.2 [PR4] ¹	Plans, specifications, and/or calculations provide all information with which compliance can be determined for the interior lighting and electrical systems and equipment and document where exceptions to the standard are claimed. Information provided should include interior lighting power calculations, wattage of bulbs and ballasts, transformers and control devices.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)
Project Title: Chipotle Mexican Grill - Port Huron Report date: 03/21/24
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Interior Lighting PASSES

Interior Lighting Compliance Statement

Compliance Statement: The proposed interior lighting alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed interior lighting systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.1.5.5 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Richard T. Jones, PE
Name - Title Signature Date 3/21/2024

Project Title: Chipotle Mexican Grill - Port Huron Report date: 03/21/24
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Section # & Req.ID	Footing / Foundation Inspection	Complies?	Comments/Assumptions
C403.2.4.5, C403.2.4.6 [F09] ¹	Snow/ice melting system sensors for future connection to controls. Freeze protection systems have automatic controls installed.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)
Project Title: Chipotle Mexican Grill - Port Huron Report date: 03/21/24
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COMcheck Software Version 4.1.5.5

Mechanical Compliance Certificate

Project Information

Energy Code:	2015 IECC	
Project Title:	Chipotle Mexican Grill - Port Huron	
Location:	Port Huron, Michigan	
Climate Zone:	5a	
Project Type:	Alteration	
Construction Site:	Owner/Agent:	Designer/Contractor:
3692 24th Ave	Chipotle Mexican Grill	Mike Chapman
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		Hilliard, OH 43026
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		mchapman@nationalengineering.co
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Mechanical Systems List

Quantity	System Type & Description
2	RTUs (Single Zone): Heating: 1 each - Central Furnace, Gas, Capacity = 250 kBtu/h Proposed Efficiency = 80.00% Et, Required Efficiency: 80.00 % Et Cooling: 1 each - Single Package DX Unit, Capacity = 120 kBtu/h, Air-Cooled Condenser, Air Economizer Proposed Efficiency = 11.00 EER, Required Efficiency: 11.00 EER + 12.6 IEER Fan System: None
1	MAU-1 (Single Zone): Heating: 1 each - Central Furnace, Gas, Capacity = 225 kBtu/h Proposed Efficiency = 95.00% Et, Required Efficiency: 80.00 % Et Fan System: None
1	Water Heater 1: Gas Storage Water Heater, Capacity: 100 gallons, Input Rating: 199 kBtu/h w/ Circulation Pump Proposed Efficiency: 97.00 % Et, Required Efficiency: 80.00 % Et

Mechanical Compliance Statement

Compliance Statement: The proposed mechanical alteration project represented in this document is consistent with the building plans, specifications, and other calculations submitted with this permit application. The proposed mechanical systems have been designed to meet the 2015 IECC requirements in COMcheck Version 4.1.5.5 and to comply with any applicable mandatory requirements listed in the Inspection Checklist.

Richard T. Jones, PE
Name - Title Signature Date 3/21/2024

Project Title: Chipotle Mexican Grill - Port Huron Report date: 03/21/24
Data filename: C:\Users\mchap\Desktop\Projects\2301039 Chipotle - Port Huron, MI\calcs\2024-03-21_PortHuron_MEP-ComCheck.cck Page 3 of 13

Section # & Req.ID	Plumbing Rough-In Inspection	Complies?	Comments/Assumptions
C404.5, C404.5.1, C404.5.2 [PL6] ¹	Heated water supply piping conforms to pipe length and volume requirements. Refer to section details.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C404.5, C404.5.1, C404.5.2 [PL6] ¹	Heated water supply piping conforms to pipe length and volume requirements. Refer to section details.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C404.5, C404.5.1, C404.5.2 [PL6] ¹	Heated water supply piping conforms to pipe length and volume requirements. Refer to section details.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C404.6.1, C404.6.2 [PL3] ¹	Automatic time switches installed to automatically switch off the recirculating hot-water system or heat trace.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C404.6.3 [PL7] ¹	Pumps that circulate water between a heater and storage tank have controls that limit operation from startup to <= 5 minutes after end of heating cycle.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C404.6.3 [PL7] ¹	Pumps that circulate water between a heater and storage tank have controls that limit operation from startup to <= 5 minutes after end of heating cycle.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C404.6.3 [PL7] ¹	Pumps that circulate water between a heater and storage tank have controls that limit operation from startup to <= 5 minutes after end of heating cycle.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C404.7 [PL8] ¹	Water distribution system that pumps water from a heated-water supply pipe back to the heated-water source through a cold-water supply pipe is a demand recirculation water system. Pumps within this system have controls that start the pump upon receiving a signal from the action of a user of a fixture or appliance and limits the temperature of the water entering the cold-water piping to 104°F.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C404.7 [PL8] ¹	Water distribution system that pumps water from a heated-water supply pipe back to the heated-water source through a cold-water supply pipe is a demand recirculation water system. Pumps within this system have controls that start the pump upon receiving a signal from the action of a user of a fixture or appliance and limits the temperature of the water entering the cold-water piping to 104°F.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)
Project Title: Chipotle Mexican Grill - Port Huron Report date: 03/21/24
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Project No.

2301039

Contents:

MEP ENERGY CODE
COMPLIANCE

E020

Section # & Req.ID	Plumbing Rough-In Inspection	Complies?	Comments/Assumptions
C404.7 [PL8] ²	Water distribution system that pumps water from a heated-water supply pipe back to the heated-water source through a cold-water supply pipe is a demand recirculation water system. Pumps within this system have controls that start the pump upon receiving a signal from the action of a user of a fixture or appliance and limits the temperature of the water entering the cold-water piping to 104°F.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

Project Title: Chipotle Mexican Grill - Port Huron Report date: 03/21/24
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Section # & Req.ID	Rough-In Electrical Inspection	Complies?	Comments/Assumptions
C405.2.1 [EL15] ¹	Lighting controls installed to uniformly reduce the lighting load by at least 50%.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C405.2.1 [EL18] ¹	Occupancy sensors installed in required spaces.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C405.2.1, C405.2.2 [EL23] ²	Independent lighting controls installed per approved lighting plans and all manual controls readily accessible and visible to occupants.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C405.2.2.1 [EL22] ²	Automatic controls to shut off all building lighting installed in all buildings.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C405.2.3 [EL16] ²	Daylight zones provided with individual controls that control the lights independent of general area lighting.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C405.2.3, C405.2.3.1, C405.2.3.2 [EL20] ¹	Primary sidelighted areas are equipped with required lighting controls.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C405.2.3, C405.2.3.1, C405.2.3.3 [EL21] ¹	Enclosed spaces with daylight area under skylights and rooftop monitors are equipped with required lighting controls.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C405.2.4 [EL4] ¹	Separate lighting control devices for specific uses installed per approved lighting plans.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C405.2.4 [EL8] ¹	Additional interior lighting power allowed for special functions per the approved lighting plans and is automatically controlled and separated from general lighting.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C405.3 [EL6] ¹	Exit signs do not exceed 5 watts per face.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	

Additional Comments/Assumptions:

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

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Section # & Req.ID	Mechanical Rough-In Inspection	Complies?	Comments/Assumptions
C402.2.6 [ME41] ²	Thermally ineffective panel surfaces or sensible heating panels have insulation $\geq$ R-3.5.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.12.1 [ME65] ¹	HVAC fan systems at design conditions do not exceed allowable fan system motor nameplate hp or fan system bhp.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Mechanical Systems list for values.
C403.2.12.1 [ME65] ¹	HVAC fan systems at design conditions do not exceed allowable fan system motor nameplate hp or fan system bhp.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Mechanical Systems list for values.
C403.2.12.3 [ME117] ²	Fans have efficiency grade (FEG) $\geq$ 67. The total efficiency of the fan at the design point of operation $\leq$ 15% of maximum total efficiency of the fan.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.12.3 [ME117] ²	Fans have efficiency grade (FEG) $\geq$ 67. The total efficiency of the fan at the design point of operation $\leq$ 15% of maximum total efficiency of the fan.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.13 [ME71] ²	Unenclosed spaces that are heated use only radiant heat.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.3 [ME55] ²	HVAC equipment efficiency verified.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Mechanical Systems list for values.
C403.2.6.1 [ME59] ¹	Demand control ventilation provided for spaces >500 ft ² and >25 people/1000 ft ² occupant density and served by systems with air side economizer, auto modulating outside air damper control, or design airflow $>3,000$ cfm.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.6.2 [ME115] ¹	Enclosed parking garage ventilation has automatic contaminant detection and capacity to stage or modulate fans to 50% or less of design capacity.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.7 [ME57] ¹	Exhaust air energy recovery on systems meeting Table C403.2.7.(1) and C403.2.7.(2).	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.8 [ME116] ²	Kitchen exhaust systems comply with replacement air and conditioned supply air limitations, and satisfy hood rating requirements and maximum exhaust rate criteria.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.9 [ME60] ²	HVAC ducts and plenums insulated. Where ducts or plenums are installed in or under a slab, verification may need to occur during Foundation Inspection.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	

1 High Impact (Tier 1) 2 Medium Impact (Tier 2) 3 Low Impact (Tier 3)

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Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C303.3, C408.2.5.2 [F117] ¹	Furnished O&M instructions for systems and equipment to the building owner or designated representative.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C303.3, C408.2.5.3 [F18] ¹	Furnished O&M manuals for HVAC systems within 90 days of system acceptance.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.2 [F127] ¹	HVAC systems and equipment capacity does not exceed calculated loads.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.4.1 [F147] ¹	Heating and cooling to each zone is controlled by a thermostat control. Minimum one humidity control device per installed humidification/dehumidification system.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.4.1 [F147] ¹	Heating and cooling to each zone is controlled by a thermostat control. Minimum one humidity control device per installed humidification/dehumidification system.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.4.1.2 [F138] ¹	Thermostatic controls have a 5 °F deadband.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.4.1.3 [F120] ¹	Temperature controls have setpoint overlap restrictions.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.4.2 [F139] ¹	Each zone equipped with setback controls using automatic time clock or programmable control system.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.4.2.1, C403.2.4.2.2 [F140] ¹	Automatic Controls: Setback to 55°F (heat) and 85°F (cool); 7-day clock, 2-hour occupant override, 10-hour backup	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C404.3 [F111] ¹	Heat traps installed on supply and discharge piping of non-circulating systems.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C404.4 [F125] ²	All piping insulated in accordance with section details and Table C403.2.10.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	

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Section # & Req.ID	Mechanical Rough-In Inspection	Complies?	Comments/Assumptions
C403.2.9 [ME10] ²	Ducts and plenums sealed based on static pressure and location.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.9.1.3 [ME11] ¹	Ductwork operating >3 in. water column requires air leakage testing.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.2.9.1.3 [ME11] ¹	Ductwork operating >3 in. water column requires air leakage testing.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.4.4.6 [ME110] ³	Multiple zone VAV systems with DDC of individual zone boxes have static pressure setpoint reset controls.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Mechanical Systems list for values.
C403.4.4.6 [ME110] ³	Multiple zone VAV systems with DDC of individual zone boxes have static pressure setpoint reset controls.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Mechanical Systems list for values.
C404.2.1 [ME111] ²	Gas-fired water-heating equipment installed in new buildings: where a singular piece of water-heating equipment $\geq$ 1,000 kBtu/h serves the entire building, thermal efficiency $\geq$ 90 Et. Where multiple pieces of water-heating equipment serve the building with combined rating $\geq$ 1,000 kBtu/h, the combined input-capacity-weighted-average thermal efficiency $\geq$ 90 Et. Exclude input rating of equipment in individual dwelling units and equipment $\leq$ 100 kBtu/h.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C408.2.2.1 [ME53] ¹	Air outlets and zone terminal devices have means for air balancing.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C403.5, C403.5.1, C403.5.2 [ME123] ¹	Refrigerated display cases, walk-in coolers or walk-in freezers served by remote compressors and remote condensers not located in a condensing unit, have fan-powered condensers that comply with Sections C403.5.1 and refrigeration compressor systems that comply with C403.5.2.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	

Additional Comments/Assumptions:

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Section # & Req.ID	Final Inspection	Complies?	Comments/Assumptions
C404.6.1 [F112] ¹	Controls are installed that limit the operation of a recirculation pump installed to maintain temperature of a storage tank. System return pipe is a dedicated return pipe or a cold water supply pipe.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C405.4.1 [F118] ¹	Interior installed lamp and fixture lighting power is consistent with what is shown on the approved lighting plans, demonstrating proposed watts are less than or equal to allowed watts.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	See the Interior Lighting fixture schedule for values.
C408.2.1 [F128] ¹	Commissioning plan developed by registered design professional or approved agency.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C408.2.3.1 [F131] ¹	HVAC equipment has been tested to ensure proper operation.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C408.2.3 [F110] ¹	HVAC control systems have been tested to ensure proper operation, calibration and adjustment of controls.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C408.2.4 [F129] ¹	Preliminary commissioning report completed and certified by registered design professional or approved agency.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C408.2.5.1 [F17] ¹	Furnished HVAC as-built drawings submitted within 90 days of system acceptance.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C408.2.5.1 [F116] ¹	Furnished as-built drawings for electric power systems within 90 days of system acceptance.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C408.2.5.3 [F143] ¹	An air and/or hydronic system balancing report is provided for HVAC systems.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C408.2.5.4 [F130] ¹	Final commissioning report due to building owner within 90 days of receipt of certificate of occupancy.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	
C408.3 [F133] ¹	Lighting systems have been tested to ensure proper calibration, adjustment, programming, and operation.	☐ Complies ☐ Does Not ☐ Not Observable ☐ Not Applicable	

Additional Comments/Assumptions:

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PORT HURON

3962 24TH AVE, SUITE B

PORT HURON, MI 48060

Issue Record:

03/21/2024 PERMIT SET
07/11/2024 CONSTRUCTION SET

Revisions:

Drawn: Checked:

MPC MPC

Project No.

2301039

Contents:

MEP ENERGY CODE
COMPLIANCE

E021

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E022

LIGHTING CONTROL COMPONENTS SCHEDULE

	DESCRIPTION	QUANTITY	FURNISHED BY	INSTALLED BY	MANUFACTURER	MODEL	REMARKS
LCP	NIGHT LIGHTING CONTROL PANEL	1	TLS	GC	ACUITY	ARP INTENC08 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 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			SPARE				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 FIXTURE SCHEDULE

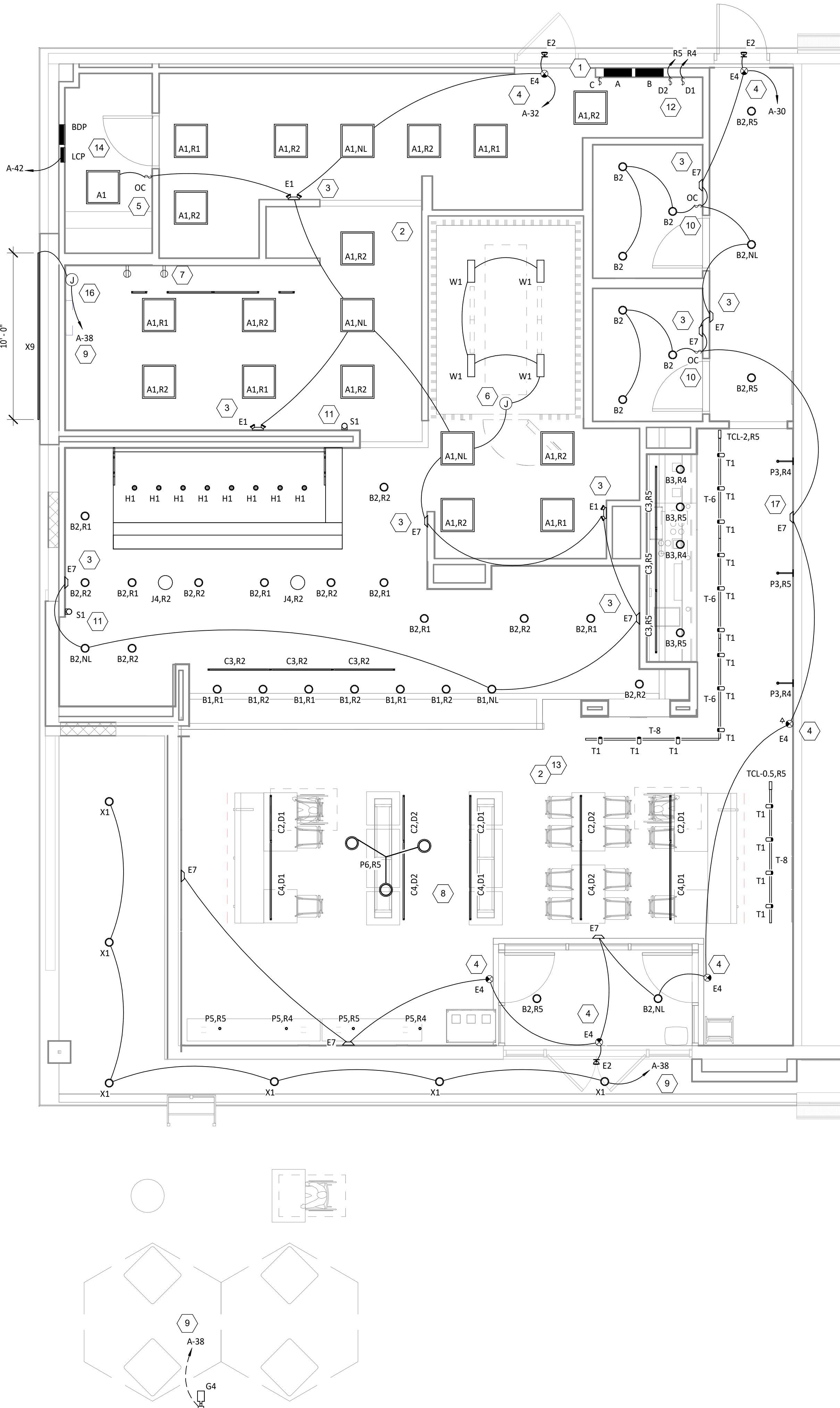
TAG	QUANT.	TYPE	MOUNT	FURNISHED BY	INSTALLED BY	MANUFACTURER	MODEL	LAMP(S)	VOLTS	WATTS	SPECIAL REQUIREMENTS
A1	19	2x2 LED LENSED TROFFER	LAY-IN	TLS	GC	NORA LIGHTING	NPDBL-E22/334 W	(1) 3000K LED	120	30	COMPATIBLE WITH 0-10V DIMMING, FACTORY LOCKED TO 3000K
B1	7	RECESSED 6IN CAN LIGHT	CEILING	TLS	GC	NORA LIGHTING	NHIC-6G24ATFL With NTM-57W/M1 Trim	(1) 17W ECOSTORY ECO-PAR30C-17-GU24-27K-25D LED (25"-2700K) W/ GU 24 BASE	120	17	
B2	25	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	4	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	2	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
C2	7	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	6	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
E1	3	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	TLS	GC	EXITRONIX	MLED1-B-WP	(1) SPECIAL LED	4	1	LOW VOLTAGE REMOTE EMERGENCY LIGHT POWERED BY REMOTE-CAPABLE EXIT SIGN WITH MOUNTING PLATE
E4	6	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
E7	10	EMERGENCY LIGHT	VARIOUS	TLS	GC	DUAL-LITE	EV2	(2) 1W INTEGRAL LED	120	1	90 MINUTE BATTERY BACKUP
G4	1	PATIO LIGHT POLE	POLE	TLS	GC	RAB Lighting	ALED10Y W/ P54-11-1002 POLE	INTEGRAL LED	120	10	SEE PLAN FOR LAMP HEAD CONFIGURATION. REFER TO ARCHITECTURAL SHEETS FOR FINISH AND INSTALLATION DETAIL
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
J4	2	DECORATIVE PENDANT	SURFACE	TLS	GC	BARNLIGHT	BLE-C-CPT10-ASH-100-SBK-100-CAW	GREEN CREATIVE 9A19DIM/927/GU24/R	120	9	WITH BLACK LAMP SHADE, BLACK CORD, AND OAK LAMPHOLDER
P3	3	ACCENT LIGHT - ARTWORK LIGHT FIXTURE	WALL	TLS	GC	HI-LITE	H-CW2700-B	(1) 12W ECOSTORY PAR30 LED (30"-2750K) W/ GU 24 BASE	120	12	
P5	4	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
P6	1	DECORATIVE DINING ROOM PENDANT	SURFACE	TLS	GC	BARN LIGHT	BLE-C-JGT-133-35630-3	INTEGRAL LED	120	30	HARDWIRED SET OF (3) HEADS WITH UNIVERSAL CANOPY AND STANDARD BLACK CABLES
S1	2	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	16	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	3	TRACK (6 FEET)	SURFACE	TLS	GC	JUNO	T 6FT BK	N/A	120	0	SINGLE CIRCUIT, BLACK FINISH
T-8	2	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	TCLF111 BL W/ TCLCB 0.5A BLACK	N/A	120	0	BLACK CURRENT LIMITING END FEED
TCL-2	1	CURRENT LIMITER (240W)	SURFACE	TLS	GC	JUNO	TCLF111 BL W/ TCLCB 2A BLACK	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
X1	6	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
X9	1	LED CHANNEL LIGHT	SURFACE	EXT'G	EXT'G	PARADIGM LED	AMC-2410-S W/ OPAL LENS AND END CAPS	FLEXSR-45-30-67-24	120	45	FURNISHED W/ REMOTE-MOUNTED NEMA 3R LED DRIVER. SEE PLAN FOR LENGTHS.

LIGHTING FIXTURE SCHEDULE NOTES

- A. SEE THE ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LIGHT LOCATIONS.
B. SEE THE ARCHITECTURAL LIGHTING DETAILS FOR FIXTURE CONSTRUCTION DETAILS.

ELECTRICAL LIGHTING PLAN NOTES

- INSTALL WALL-MOUNTED LIGHTING OVERRIDE SWITCH AND CONNECT TO LCP AS SHOWN IN DETAIL 6/E710
- FOR UNCIRCUITED LIGHT FIXTURES, CONNECT TO RELAY CIRCUIT INDICATED NEXT TO THE FIXTURE TAG THROUGH THE LIGHTING CONTROL PANEL (LCP) UNLESS NOTED OTHERWISE.
- WALL MOUNT THE EMERGENCY LIGHT FIXTURE AT 6" BELOW THE CEILING UNLESS NOTED OTHERWISE
- 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.
- INSTALL WALL-MOUNTED OCCUPANCY SENSOR FURNISHED BY LIGHTING SUPPLIER AT 48" 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.
- 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.
- 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.
- PROVIDE UNISTRUT AS SHOWN ON THE ARCHITECTURAL RCP PER THE ARCHITECTURAL UNISTRUT DETAIL. TYPICAL.
- CONNECT EXTERIOR LIGHTING CIRCUIT TO CIRCUIT SHOWN THROUGH THE EXTERIOR LIGHTING CONTACTOR PANEL PER DETAIL 6/E710.
- 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.
- 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.
- 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%.
- 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.
- INSTALL LIGHTING CONTROL SYSTEM PER DETAIL 6/E710.
- VERIFY LOCATION OF EXISTING LED DRIVERS FURNISHED WITH THE X9 LED STRIP LIGHTS ON WALL 6" ABOVE THE CEILING IN AN ACCESSIBLE LOCATION. RELOCATE AND EXTEND LOW VOLTAGE WIRING FROM LED DRIVER TO THE X9 LIGHT FIXTURE IF NEEDED.
- WALL MOUNT THE EMERGENCY LIGHT FIXTURE AT 10'-0" AFF.



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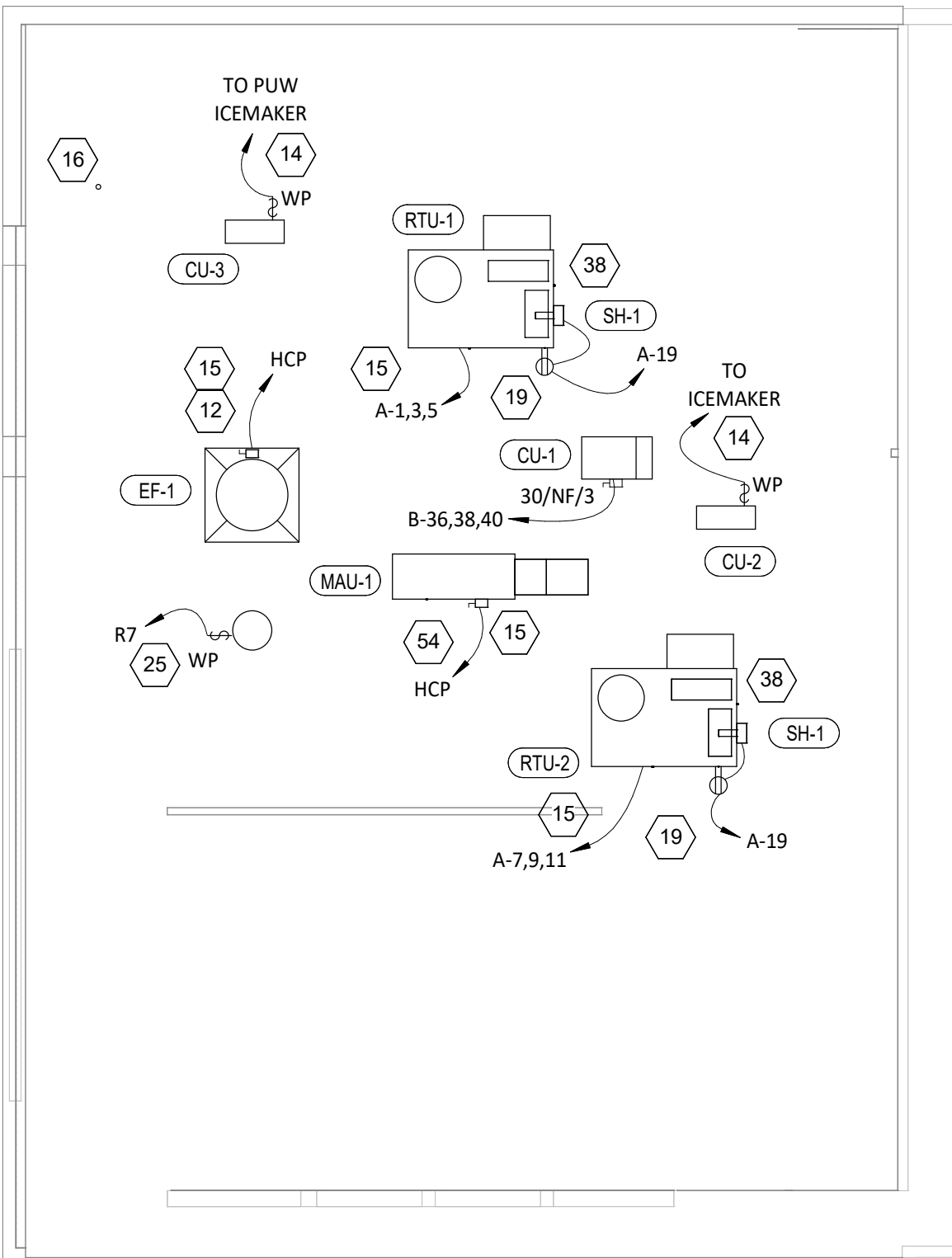
Project No.
2301039

Contents:

ELECTRICAL
LIGHTING PLAN

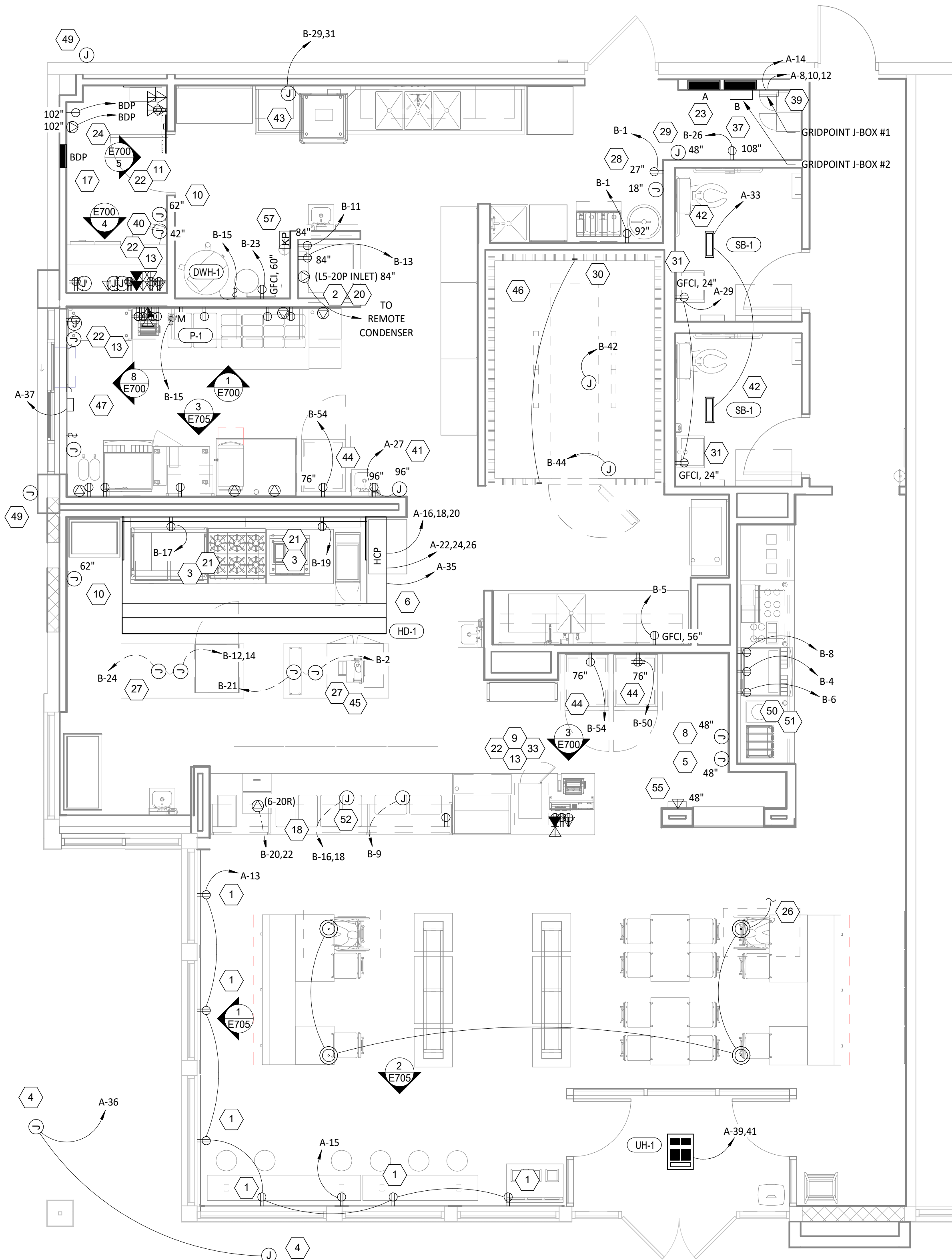
E100

- 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.
- ICE MACHINE ELECTRICAL TIE-IN. COORDINATE EXACT LOCATION WITH EQUIPMENT INSTALLER PRIOR TO ROUGH-IN. PROVIDE 1/5-20P FLANGED INLET WIRED TO THE REMOTE CONDENSER. PROVIDE 48" CORDS, ONE WITH 5-20P END AND ONE WITH 15-20R END, FROM ICE MAKER TO RECEPTACLE AND FLANGED INLET.
- CONNECT RECEPTABLES 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 RECEPTABLES ARE DE-ENERGIZED UPON ACTIVATION OF HOOD FIRE PROTECTION SYSTEM.
- 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 E6710.
- PROVIDE A SINGLE GANG VERTICAL JUNCTION 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.
- 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.
- 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.
- COORDINATE DATA/POWER RECEPTACLE MOUNTING REQUIREMENTS WITH THE CASE WORK INSTALLER PRIOR TO ROUGH-IN.
- 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.
- 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.
- 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.
- AFTER THE FAX LINE, POS, AND OFFICE EQUIPMENT IS INSTALLED PROVIDE CHILDPROOF RECEPTACLE COVERS ON UNUSED IG RECEPTABLES AT THE FAX LINE, POS, AND OFFICE.
- PROVIDE ONE PHASE, ONE NEUTRAL, AND ONE GROUND CONDUCTOR FROM THE ICE MAKER TO THE REMOTE CONDENSING UNIT.
- UNIT SHALL HAVE AN INTEGRAL NON-FUSED DISCONNECT SWITCH.
- PROVIDE 3" CONDUIT (EMT, IMC, OR RMC) THROUGH ROOF. TERMINATE WITH WEATHERHEAD 12" ABOVE ROOF FOR FUTURE CELL BOOSTER.
- INSTALL THE BYPASS DISTRIBUTION PANEL (BDP) FURNISHED BY THE TENANT. INSTALL PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND DETAIL E3710.
- ROUGH-INS TO SERVE LINE AND POS EQUIPMENT ARE UNDERGROUND. COORDINATE ROUGH-IN REQUIREMENTS AND LOCATIONS WITH EQUIPMENT MANUFACTURER PRIOR TO ROUGH-IN.
- ROOFTOP UNIT SHALL HAVE AN INTEGRAL UNIT-MOUNTED GFCI RECEPTACLE. PROVIDE CONNECTION TO CIRCUIT SHOWN.
- ICE MAKER RECEPTABLES SHALL BE CONCEALED BEHIND THE ICE MAKER. COORDINATE LOCATION WITH ACTUAL WIDTH OF ICE MAKER.
- PROVIDE VERTICAL METAL DIE CAST WEATHERPROOF WHILE IN USE OUTLET COVER ON RECEPTABLES AT COOK LINE. COVER SHALL BE INTERMATIC WP1010MXD FOR SINGLE GANG BOXES AND WP1030MXD FOR DOUBLE GANG BOXES. NO SUBSTITUTIONS SHALL BE ACCEPTED.
- LABEL BATTERY-PROTECTED RECEPTABLES "BATTERY-PROTECTED: DISCONNECT AT PANEL BDP".
- LABEL MAIN DISCONNECT SWITCH AND PANEL A "WARNING: BATTERY-PROTECTED RECEPTABLES IN USE. DISCONNECT AT PANEL BDP."
- 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.
- CONNECT RESTROOM EXHAUST FAN TO CIRCUIT SHOWN THROUGH THE LIGHTING CONTROL PANEL (LCP).
- 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.



 **POWER ROOF PLAN**
1/8" = 1'-0"

- 27 PROVIDE POWER CONNECTIONS TO ISLAND PREP TABLE PER DETAIL 2/E710. PROVIDE GFCI DUPLEX RECEPTACES IN
28 THREE J-BOXES INTEGRAL TO PREP TABLES (FOR UNDERCOUNTER REFRIGERATOR, HOT HOLDING CABINET, AND
29 GENERAL RECEPTACLE).
- 30 PROVIDE GFCI RECEPTACLE AND J-BOX AND INSTALL CO2 ALARM FURNISHED BY CO2AS AS SHOWN IN DETAIL 4/E710.
31 PROVIDE J-BOX AND INSTALL CO2 ALARM REMOTE DISPLAY UNIT FURNISHED BY CO2AS AS SHOWN IN DETAIL 4/E710.
32 INSTALL WALK-IN-COOLER EXTERNAL READOUT THERMOMETER REMOTE PROBE ON WALL OPPOSITE FROM DOOR AS
33 SHOWN. ROUTE TEMPERATURE PROBE WIRE ABOVE WALK-IN COOLER CEILING PANELS, SEAL PENETRATIONS THROUGH
34 THE CEILING PANELS, AND SECURE VERTICAL PROBE WIRE TIGHT TO WALLS. NO EXCESS PROBE WIRE SHALL BE WITHIN
35 THE WALK-IN COOLER.
- 36 PROVIDE RECEPTACLE FOR RESTROOM HAND SINK FAUCET AS SHOWN IN DETAIL 14/P700.
- 37 PROVIDE 1" CONDUITS FROM LOW-VOLTAGE J-BOXES AT POS COUNTER CONCEALED WITHIN THE SERVE LINE WIRING
38 CHASE TO THE WALL, THEN CONCEALED WITHIN THE WALL AND ABOVE THE CEILING TO ABOVE THE OFFICE CEILING.
39 LABEL RECEPTACLE "UV INSECT TRAP".
- 40 INSTALL TRANSFORMER FURNISHED BY TUV WITH THE REME HALO AIR PURIFIER IN THE JUNCTION BOX ON THE
41 EXTERIOR OF THE RTU PER DETAIL 6/M700. CONNECT LINE SIDE OF THE TRANSFORMER TO THE RTU SERVICE
42 RECEPTACLE CIRCUIT SO THAT REME HALO RUNS CONTINUOUSLY. CONNECT THE LOW VOLTAGE SIDE OF THE
43 TRANSFORMER TO THE REME HALO USING TUV INCLUDED BARREL PLUG.
- 44 PROVIDE (2) 10"x10"x4" JUNCTION BOXES (J-BOX #1 J-BOX #2) ON THE WALL ABOVE PANELBOARDS 6" BELOW THE
45 CEILING AND MOUNTED ADJACENT TO EACH. PROVIDE CONDUITS AND WIRING SHOWN IN DETAIL 8/E710. TENS
46 SHALL PROVIDE GRIDPOINT 3 PHASE METER AND TRANSFORMER WITHIN J-BOX #1 AND GRIDPOINT IOM/HUB WITHIN
47 J-BOX #2. SEE GRIDPOINT INSTALLATION SHEET FOR DETAILS.
- 48 PROVIDE HORIZONTAL SINGLE-GANG J-BOX BELOW FUTURE GRIDPOINT CONTROLLER LOCATION. PROVIDE CONDUITS
49 AND WIRING AS SHOWN IN DETAIL 8/E710.
- 50 INSTALL WIRED DOOR BUZZER 36" AFF. SEE ARCHITECTURAL DOOR EQUIPMENT FOR EQUIPMENT INFORMATION.
51 CONNECT TO CIRCUIT SHOWN THROUGH THE TRANSFORMER FURNISHED WITH THE DOOR BUZZER. PROVIDE WIRING TO
52 A BUTTON ADJACENT TO THE SERVICE DOOR AND CONNECT PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
53 CONNECT BATHROOM SANITIZER TO CIRCUIT SHOWN SO THAT IT IS ENERGIZED AT ALL TIMES.
- 54 PROVIDE POWER AND LOW VOLTAGE CONNECTIONS TO DISH SANITIZING MACHINE PER DETAIL 7/E710. CONNECT THE
55 DETERGENT DISPENSER TO THE DISH MACHINE USING THE INCLUDED WIRING HARNESS PER THE MANUFACTURER'S
56 INSTALLATION INSTRUCTIONS.
- 57 PROVIDE RECEPTACLE FOR 2-DOOR AND/OR 1-DOOR REFRIGERATOR WITH GROUND PINS TOWARDS THE BOTTOM OF
58 THE RECEPTACLE.
- 59 PROVIDE ISLAND PREP TABLE FOOD WARMER RECEPTACLE WITH GROUND PIN TOWARDS THE BOTTOM OF THE
60 RECEPTACLE.
- 61 SEAL INTERIOR AND EXTERIOR OF CONDUITS THAT PASS THROUGH THE WALK-IN COOLER ENVELOPE PER THE NEC.
62 INSTALL VEHICLE DETECTOR SYSTEM FURNISHED BY TLS SURFACE-MOUNTED ON WALL IN ACCESSIBLE LOCATION ABOVE
63 CEILING AND CONNECT TO STROBE/CHIME AND DETECTOR LOOP PER THE MANUFACTURER'S INSTALLATION
64 INSTRUCTIONS. MAKE FINAL ADJUSTMENTS TO LOOP SENSITIVITY PER THE MANUFACTURER'S INSTRUCTIONS. ONCE ALL
65 COMPONENTS ARE INSTALLED AND OPERATIONAL THE CHIME/STROBE LIGHT SHOULD STAY ILLUMINATED AND THERE
66 SHOULD BE A SINGLE CHIME WHEN A VEHICLE DRIVES OVER OR STOPS ON LOOP.
- 67 PROVIDE 4" SQUARE J-BOX ON EXTERIOR WALL FOR MOUNTING OF EXTERIOR CAMERA. SEE ARCHITECTURAL ELEVATION
68 FOR EXACT HEIGHT AND LOCATION. PROVIDE 3/4" CONDUIT WITH PULLSTRUNG FROM J-BOX TO ABOVE LAY-IN CEILING
69 AREA IN KITCHEN. J-BOX SHALL NOT BE SURFACE MOUNTED. BASE OF CAMERA SHALL BE MOUNTED FLUSH TO EXTERIOR
70 WALL FINISH.
- 71 PROVIDE CORD AND NEMA 5-20P PLUG FROM UTENSIL COUNTER ICE MAKER, THROUGH UTENSIL COUNTER, TO ICE
72 MAKER RECEPTACLE.
- 73 LABEL UTENSIL COUNTER RECEPTACES "TRACTOR BEVERAGE", "ICE MAKER/IMSB", AND "SODA FOUNTAIN".
74 IF NEUTRAL CONDUCTOR IS NOT NEEDED FOR SERVE LINE HOT FOOD SERVER TERMINATE NEUTRAL IN JUNCTION BOX.
- 75 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
76 HOOD CONTROL PANEL PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS.
- 77 PROVIDE SINGLE-GANG J-BOX FOR DATA JACK AS SHOWN FOR KRONOS TIME CLOCK.
- 78 PROVIDE A RECESSED J-BOX AT 48" AFF FOR THE INSTALLATION OF THE SECURITY SYSTEM KEYPAD WITH A 3/4" CONDUIT
79 TO ABOVE THE DROP TILE CEILING IN THE OFFICE AREA. TERMINATE CONDUIT WITH A CONDUIT BUSHING.



 **POWER FLOOR PLAN**
1/4" = 1'-0"



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ELECTRICAL POWER PLAN

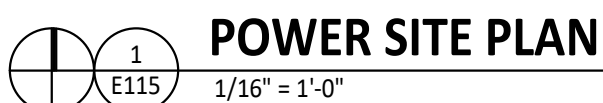
E110

- 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 DIGITAL PICKUP 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 EXISTING MONUMENT SIGN (POWERED FROM HOUSE PANEL BY LL)
- 4 PROVIDE EMPTY CONDUIT WITH PULL STRING TO CLEARANCE BAR. SEE DETAIL 2/THIS SHEET
FOR SITE CONDUITS.
- 5 EXISTING INTERIOR J-BOXES AT 11'-0" AFF FOR LINE VOLTAGE AND LOW VOLTAGE SITE
WIRING. SEE DETAIL 2/THIS SHEET FOR MORE INFORMATION.
- 6 EXISTING 1" SPARE LOW VOLTAGE CONDUIT. SEE DETAIL 2/THIS SHEET FOR MORE
INFORMATION.
- 7 EXISTING 1" SPARE LINE VOLTAGE CONDUIT. SEE DETAIL 2/THIS SHEET FOR MORE
INFORMATION.

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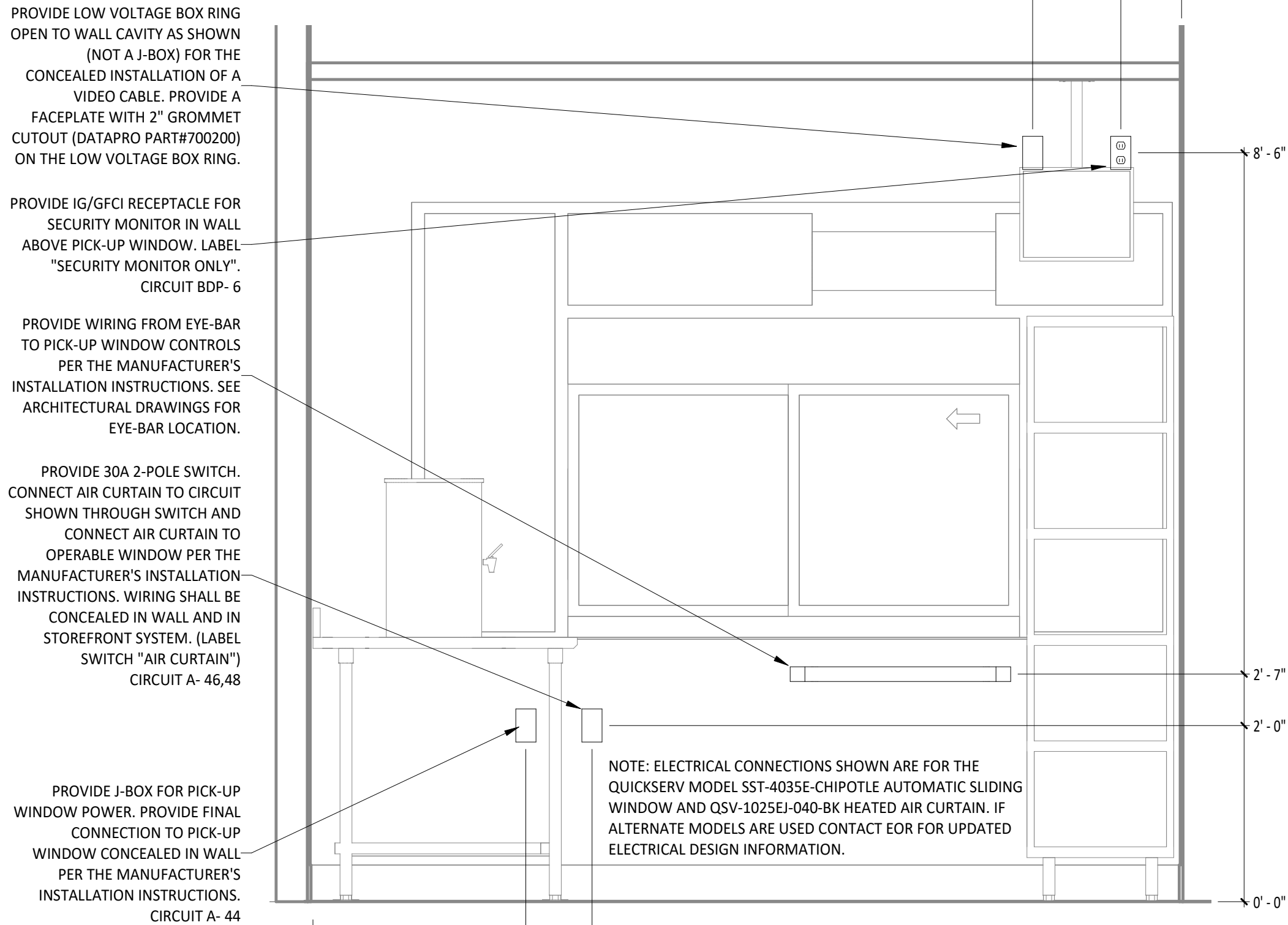
SITE CONDUIT DETAIL

- 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.

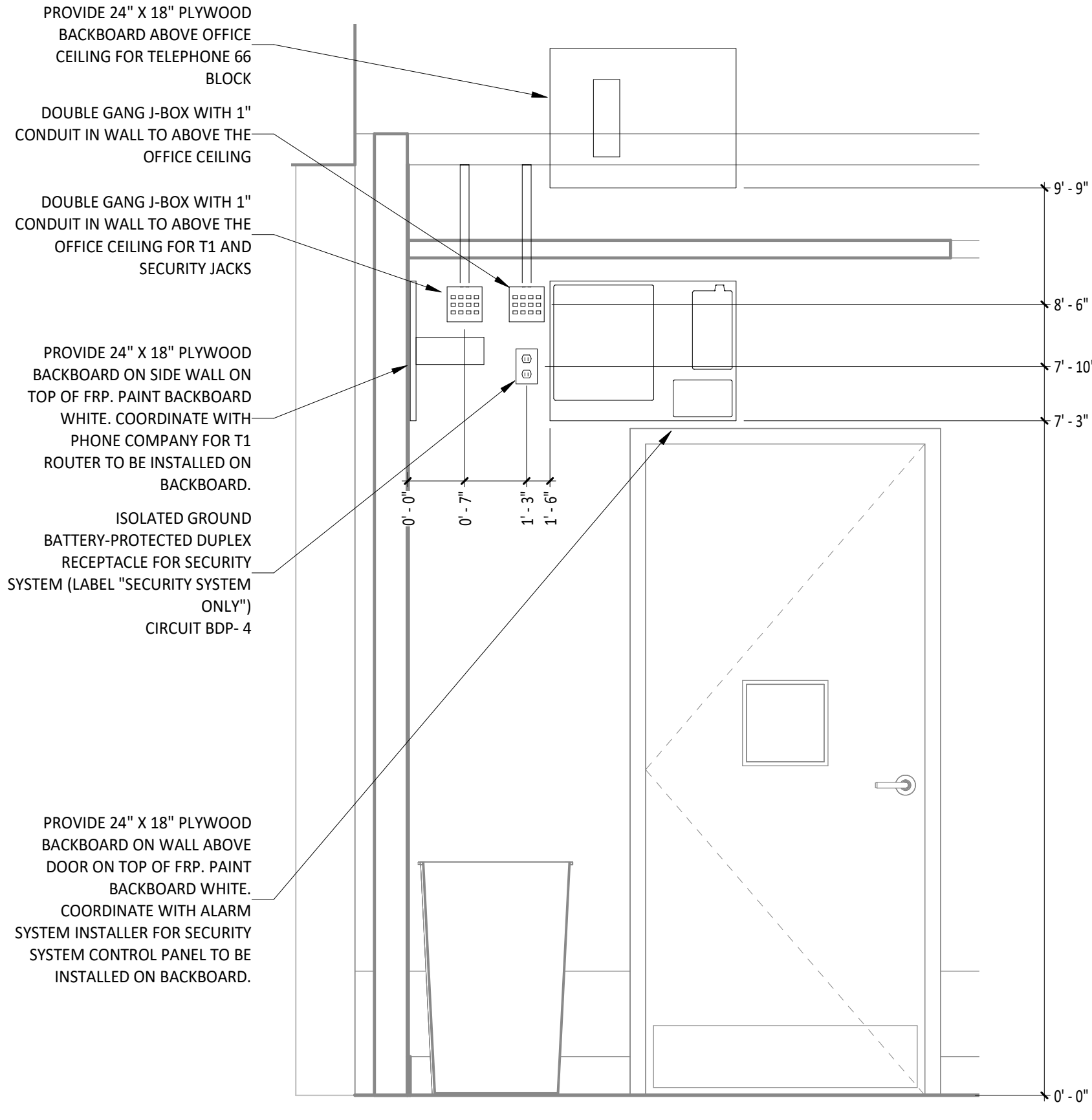


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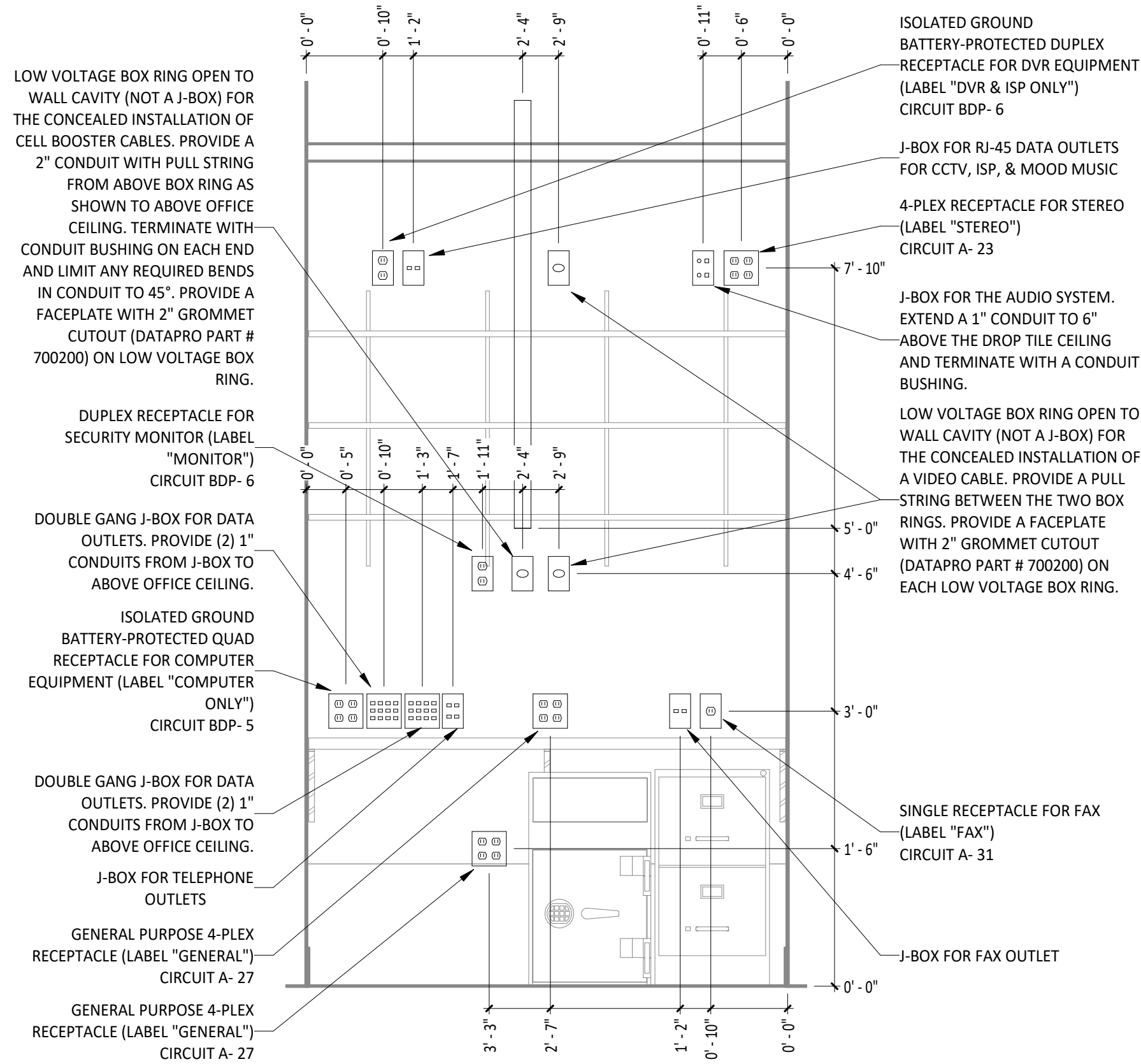
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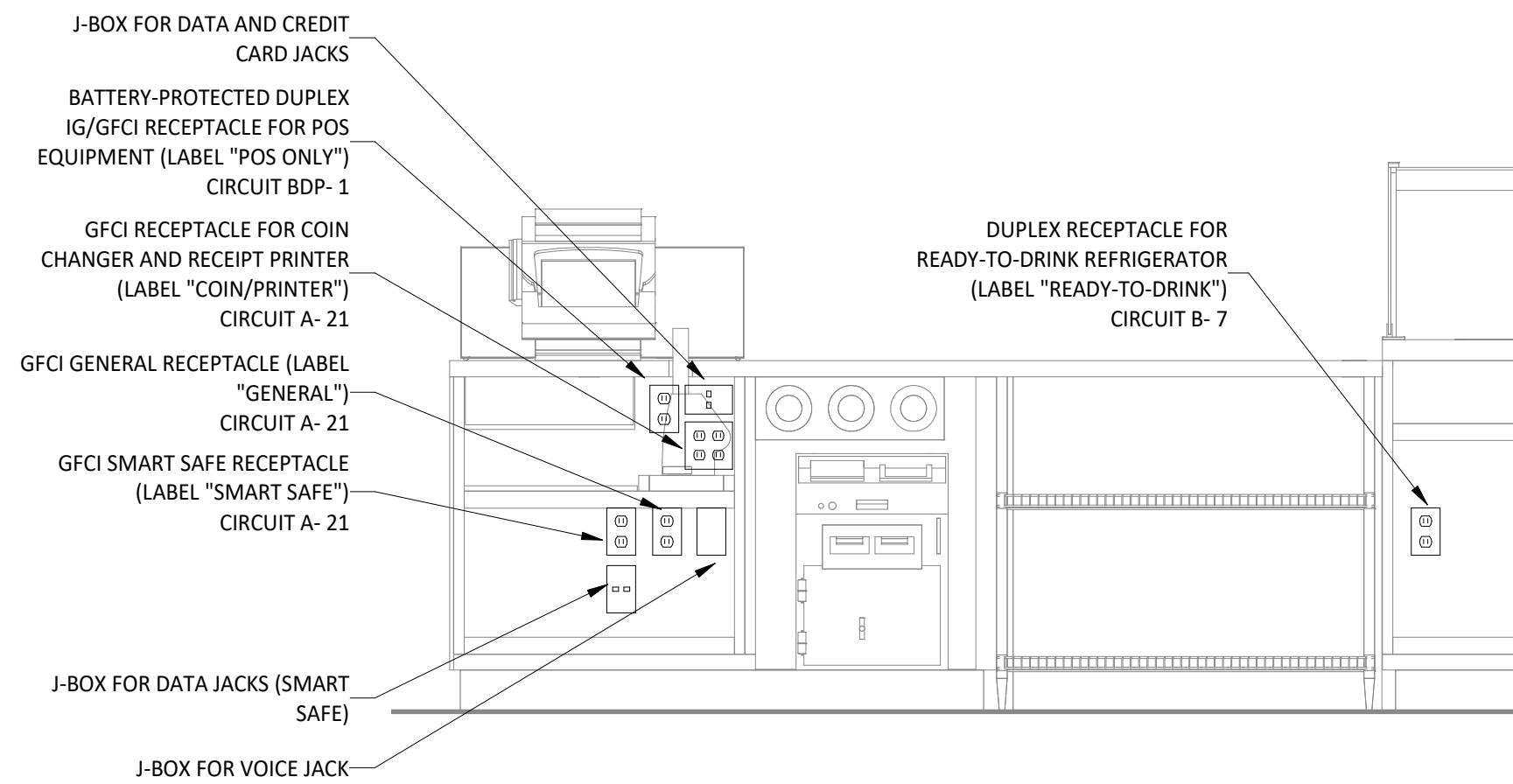
PICK UP WINDOW ELEVATION
3/4" = 1'-0"



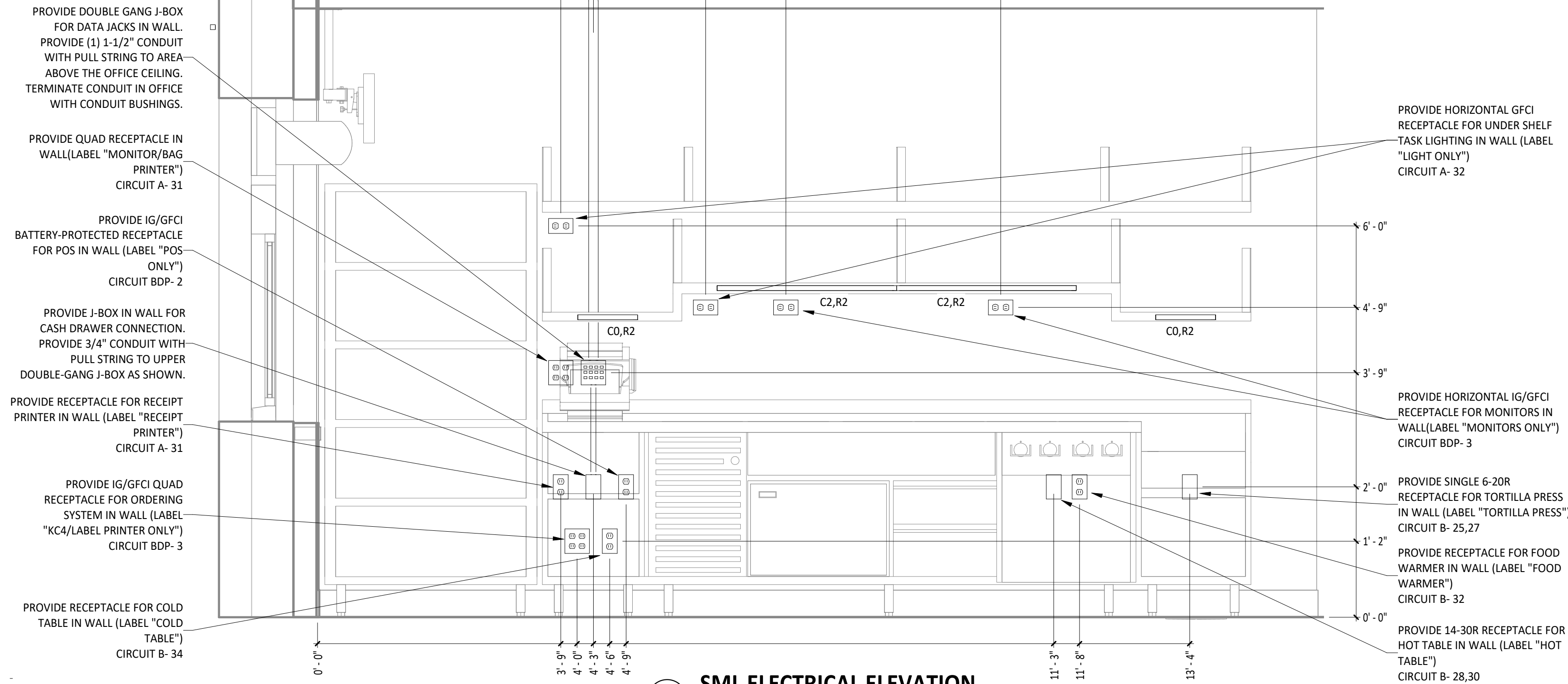
OFFICE DOOR ELECTRICAL ELEVATION
3/4" = 1'-0"



OFFICE DESK ELECTRICAL ELEVATION
3/4" = 1'-0"



POS COUNTER ELECTRICAL ELEVATION
3/4" = 1'-0"



SML ELECTRICAL ELEVATION
3/4" = 1'-0"

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ELEVATIONS

E700

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The logo for Chipotle Mexican Grill, featuring a stylized chili pepper inside a circular border with the text "CHIPOTLE" at the top and "MEXICAN GRILL" at the bottom.

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