

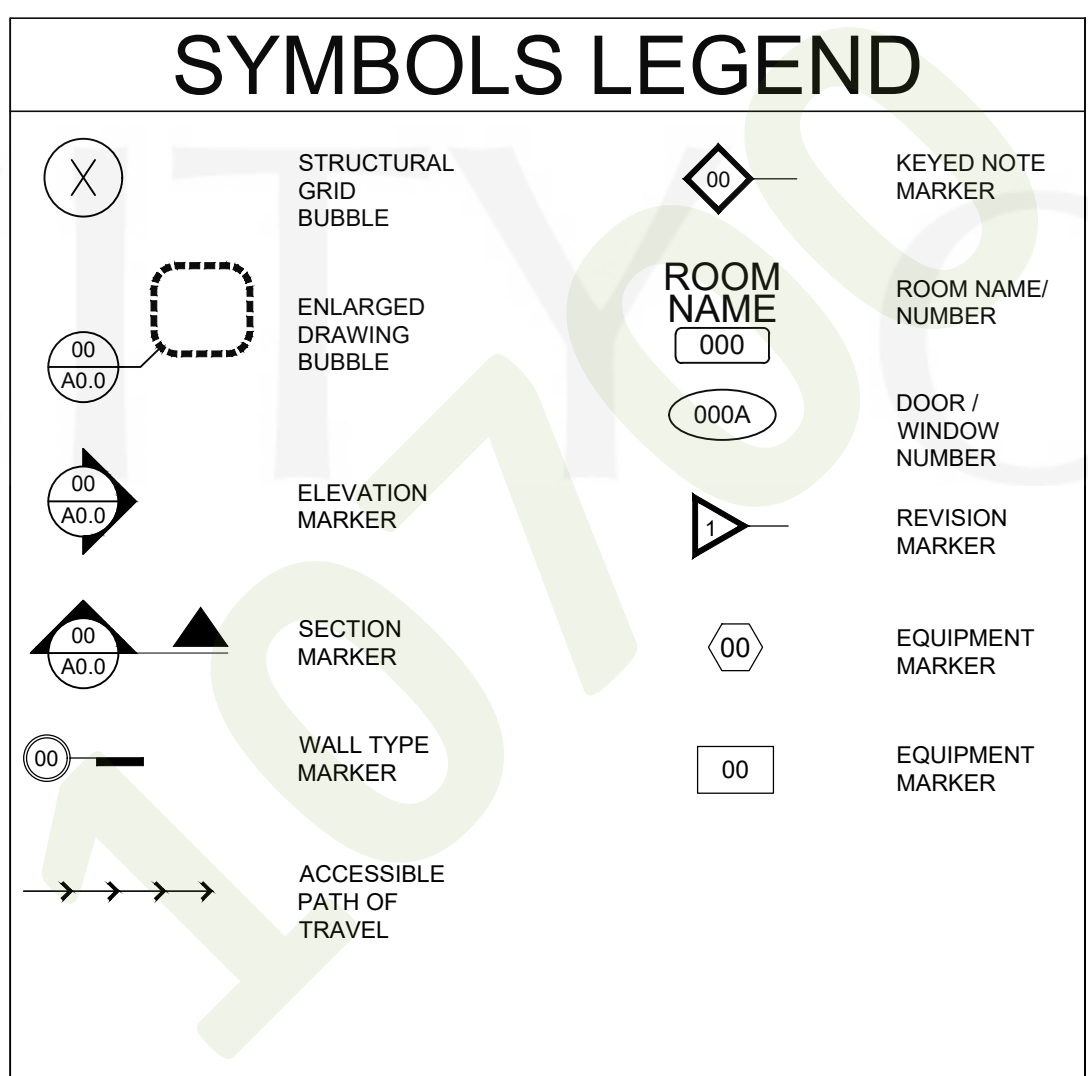
PROJECT COORD. NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ALL REQUIRED PERMITS, APPROVALS, AND PAY ALL APPLICABLE PERMIT FEES WITH THE AGENCY HAVING JURISDICTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL INSPECTIONS AND APPROVALS REQUIRED DURING THE COURSE OF THE WORK.
- ALL CONTRACTORS FOR THIS WORK ARE REQUIRED TO HAVE INSURANCE OF THE TYPES AND LIMITS SPECIFIED BY THE LANDLORD AND BRAND PARTNER.
 - IF REQUIRED BY LEASE AGREEMENT: THE GENERAL CONTRACTOR SHALL PROVIDE SCHEDULING AND/OR COORDINATION WITH THE LANDLORD'S FIELD REPRESENTATIVE FOR THE FOLLOWING INSTALLATIONS OR PROCEDURES:
 - INSTALLATIONS OF CONDUIT AND PIPING IN OR BELOW THE FLOOR SLAB.
 - CONNECTIONS TO DOMESTIC WATER, SANITARY AND GREASE WASTE, SANITARY VENT, AND SMOKE/FIRE ALARMS.
 - INSTALLATION OF PRIMARY DUCTWORK, VAV BOX AND CONTROLS.
 - PROGRAMMING OF THE VAV BOX CONTROL AND SENSORS.
 - ANY WORK REQUIRED AT THE LANDLORD'S SWITCHGEAR.
 - HARDWARE AND SOFTWARE MODIFICATIONS TO COMPLETE THE INTERFACE WITH LANDLORD'S BASE BUILDING LIFE SAFETY SYSTEM.
 - UPON SUBSTANTIAL COMPLETION OF BRAND PARTNER'S WORK IN THE PREMISES, BRAND PARTNER AND HIS CONTRACTOR MUST SCHEDULE WITH THE LANDLORD'S FIELD REPRESENTATIVE TO CONDUCT A FINAL INSPECTION AND PREPARE A PUNCHLIST WHICH ENUMERATES ANY AREAS OF CONSTRUCTIONS, FIXTURING, LIGHTING OR LAMPING, MERCHANDISING, ETC., THAT ARE NOT IN ACCORDANCE WITH THE LANDLORD-APPROVED PLANS OR LEASE. THE STAFFING BARRICADE MAY NOT BE REMOVED UNTIL THIS INSPECTION AND ALL CORRECTIONS HAVE BEEN COMPLETED.
 - LANDLORD'S CONDITIONS IN THE SHOPPING CENTER TENANT DESIGN GUIDE HANDBOOK SHALL BE PART OF ANY CONTRACT AND/OR AGREEMENT ENTERED INTO BY THE GENERAL CONTRACTOR. THE GENERAL CONTRACTOR SHALL SCHEDULE A PRE-CONSTRUCTION MEETING WITH THE ABOVE NOTED LANDLORD CONTACT PRIOR TO ANY CONSTRUCTION.
 - PROVIDE PROPERTY MANAGER REQUIRED PROOF OF BUILDER RISK INSURANCE AND DAMAGE DEPOSIT PRIOR TO BEGINNING ANY DEMOLITION OR CONSTRUCTION PROCEDURES.
 - CONTRACTOR SHALL REPORT TO THE ARCHITECT ANY ERRORS, INCONSISTENCIES, OR OMISSIONS HE MAY DISCOVER PRIOR TO COMMENCING WORK.
 - DIMENSIONS TAKE PRECEDENCE OVER DRAWINGS - DO NOT SCALE.
 - ALL DIMENSIONS ARE FROM FACE OF SHEATHING UNLESS NOTED OTHERWISE.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUPERVISING AND DIRECTING THE WORK USING HIS BEST SKILL AND ATTENTION. HE SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, METHODS, TECHNIQUES, SEQUENCES, AND PROCEDURES. THE BRAND PARTNER RESERVES THE RIGHT TO ALLOW ASSIGNED VENDORS IN CONNECTION WITH THE WORK. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR COORDINATING THE WORK OF ALL SUBCONTRACTORS, INCLUDING THE VENDORS ASSIGNED BY THE BRAND PARTNER, WITH THE BRAND PARTNER. UPON REQUEST THE CONTRACTOR SHALL PROVIDE NECESSARY FIELD DIMENSIONS AND INFORMATION TO ALL THE BRAND PARTNER ASSIGNED VENDORS AND/OR FABRICATORS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION, SCHEDULING, AND SUPERVISION OF ALL BRAND PARTNER SUPPLIED AND INSTALLED ITEMS.
 - GENERAL CONTRACTOR TO COORDINATE LOCATION OF TRASH DUMPSTER WITH PROPERTY MANAGER.
 - SAW CUTS: WHENEVER POSSIBLE ALL SAW CUTS SHALL BE LOCATED INSIDE THE PROPOSED COOKING AND SERVICE AREAS SCHEDULED FOR FLOOR TILE AND SHALL NOT OCCUR IN PROPOSED SEATING AREAS OR PASSAGEWAYS (AREAS SCHEDULED FOR CONCRETE SCORING).
 - PARTIAL PLANS: THE CONSTRUCTION DOCUMENTS AS DEFINED BY THE DRAWING INDEX ARE ALL NECESSARY TO DEFINE THE TOTAL PROJECT. PARTIAL PLANS SHOULD NOT BE ISSUED BY THE BRAND PARTNER OR THE GENERAL CONTRACTOR FOR BIDDING OR CONSTRUCTION.
 - THE CONTRACTOR SHALL PROVIDE WOOD BLOCKING AS REQUIRED FOR MOUNTING TABLES, SHELVING, CABINETS, AND ANY OTHER EQUIPMENT NOT SPECIFICALLY MENTIONED. ALL WOOD SHALL BE NON-COMBUSABLE AS PER LOCAL AUTHORITY HAVING JURISDICTION.
 - EXISTING UTILITY SERVICES SHOWN TO REMAIN, REROUTE AS REQUIRED TO CONCEAL THE SERVICE IN WALLS AND ABOVE CEILING.
 - TEMPORARY ENCLOSURES SHALL BE PROVIDED BY THE CONTRACTOR OVER AND/OR AROUND ANY EXTERIOR OPENINGS AS NECESSARY FOR THE PROPER INSTALLATION OF ANY PORTION OF WORK IN CONJUNCTION WITH THE LANDLORD'S STANDARD GUIDELINES.
 - ROOF PENETRATIONS TO BE COMPLETED BY LANDLORD'S ROOF CONTRACTOR, REVIEWED BY LANDLORD'S ARCHITECTS AND STRUCTURAL ENGINEERS.
 - GENERAL CONTRACTOR SHALL FURNISH AND INSTALL REQUIRED ROOF DOCUMENTATION FOR THE MODIFICATION OF EXISTING ROOF AS APPLICABLE PER THE BRAND PARTNER'S LEASE. THE LANDLORD SHALL BE CONTACTED TO OBTAIN ALL REQUIREMENTS FOR LISTED SUBCONTRACTORS WITH WARRANTY WORK FOR THE SPECIFIED ROOFING SYSTEM.
 - ALL 1x WOOD TRIM AS NOTED SHALL BE OF A CLEAR, PAINT GRADE PINE.
 - ALL 2x WOOD WALL FRAMING AND CEILING FRAMING SHALL BE NON-COMBUSTIBLE, FIRE RETARDANT TREATED, AS REQUIRED BY LOCAL CODES AND THE AUTHORITY HAVING JURISDICTION.
 - CONTRACTOR SHALL CONTACT THE LANDLORD DURING THE BIDDING PHASE OF THE PROJECT FOR ANY REQUIREMENTS FOR THE FIRE ALARM SYSTEMS. THESE SYSTEMS, IF REQUIRED, SHALL BE INCLUDED IN THE BID & CONSTRUCTION FOR THIS PROJECT.
 - CONTRACT FORM:
 - THE CONTRACT FORM SHALL BE A "STANDARD" FORM OF AGREEMENT BETWEEN CONTRACTOR AND BRAND PARTNER OF THE CONSTRUCTION BUILDING'S A.I.A. DOCUMENT FORM A-101 CURRENT EDITION.
 - GENERAL CONDITIONS OF THE CONTRACT: A.I.A. DOCUMENT A-201, GENERAL CONDITIONS OF THE CONTRACT FOR CONSTRUCTION, 1997 EDITION, IS HEREBY MADE A REQUIREMENT OF THE CONTRACT DOCUMENTS. A COPY IS ON FILE WITH THE ARCHITECT FOR THE CONTRACTOR TO REVIEW.
 - SUBSTITUTIONS:
 - NO MATERIAL SUBSTITUTIONS SHALL BE PERMITTED AFTER THE CONTRACTOR HAS BEEN AWARDED JOB. SUBSTITUTIONS SHALL BE EQUAL OR BETTER IN THE OPINION OF THE BRAND PARTNER PRIOR TO AWARD.
 - SPECIFIED PRODUCTS HAVE BEEN USED IN PREPARING THESE DOCUMENTS TO ESTABLISH MINIMUM QUALITIES WHICH SUBSTITUTIONS MUST MEET TO BE CONSIDERED ACCEPTABLE. THE BURDEN OF PROOF OF EQUALITY RESTS WITH THE CONTRACTOR. ADEQUATE SUPPORTING INFORMATION MUST ACCOMPANY ALL SUBSTITUTION SUBMITTALS, WHICH MUST BE SUBMITTED TO THE PROJECT COORDINATOR FOR APPROVAL.
 - MECHANICAL, ELECTRICAL AND PLUMBING: THE GENERAL CONTRACTOR SHALL FIELD VERIFY THE EXISTING UTILITIES FOR COORDINATION WITH THE MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS PRIOR TO THE START OF WORK. THE CONTRACTOR SHALL PROVIDE AN ALTERNATE BID TO REUSE EXISTING AIR HANDLERS AND COMPRESSORS OR ROOF-TOP PACKAGE UNITS. THE TOTAL HAVC LOAD SHALL MATCH THE SPECIFIED TOTAL LOAD ON THE MECHANICAL DRAWINGS. THE CONTRACTOR SHALL CONTACT THE MECHANICAL ENGINEER WITH THE EXISTING LOAD INFORMATION FOR APPROVAL.
 - WINGSTOP STANDARDS: THE WINGSTOP STANDARD DESIGN, INCLUDING BUT NOT LIMITED TO: LIGHTING, SEATING, PAINT SELECTION, KITCHEN EQUIPMENT, FLOORING, WALL FINISHES, COUNTER HEIGHTS, SIGNAGE, AND ALL OTHER ELEMENTS AS NOTED AND INCLUDED IN THESE CONTRACT DOCUMENTS ARE AS PER THE WINGSTOP RESTAURANT'S, INC. FRANCHISE AGREEMENT. ANY REVISIONS TO THESE DOCUMENTS OR FIELD CHANGES TO THIS DESIGN SHALL ONLY OCCUR UPON WRITTEN APPROVALS OF WINGSTOP RESTAURANTS, INC.
 - THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING THE EXTERIOR GREASE INTERCEPTOR IN A MANNER THAT DOES NOT INTERFERE WITH ANY EXISTING SETBACKS, EASEMENTS, UNDERGROUND UTILITIES, OR OTHER SITE FEATURES.
 - THE HOOD AND WALK-IN COOLER/FREEZER SUPPLIER SHALL SUBMIT SHOP DRAWINGS TO WINGSTOP RESTAURANTS, INC. FOR REVIEW PRIOR TO FABRICATION.
 - THE GENERAL CONTRACTOR SHALL VERIFY FIELD CONDITIONS FOR THE HOOD EXHAUST DUCT AND WALK-IN COOLER/FREEZER AND COORDINATE WITH THE KITCHEN EQUIPMENT SUPPLIER PRIOR TO FABRICATION AND INSTALLATION.

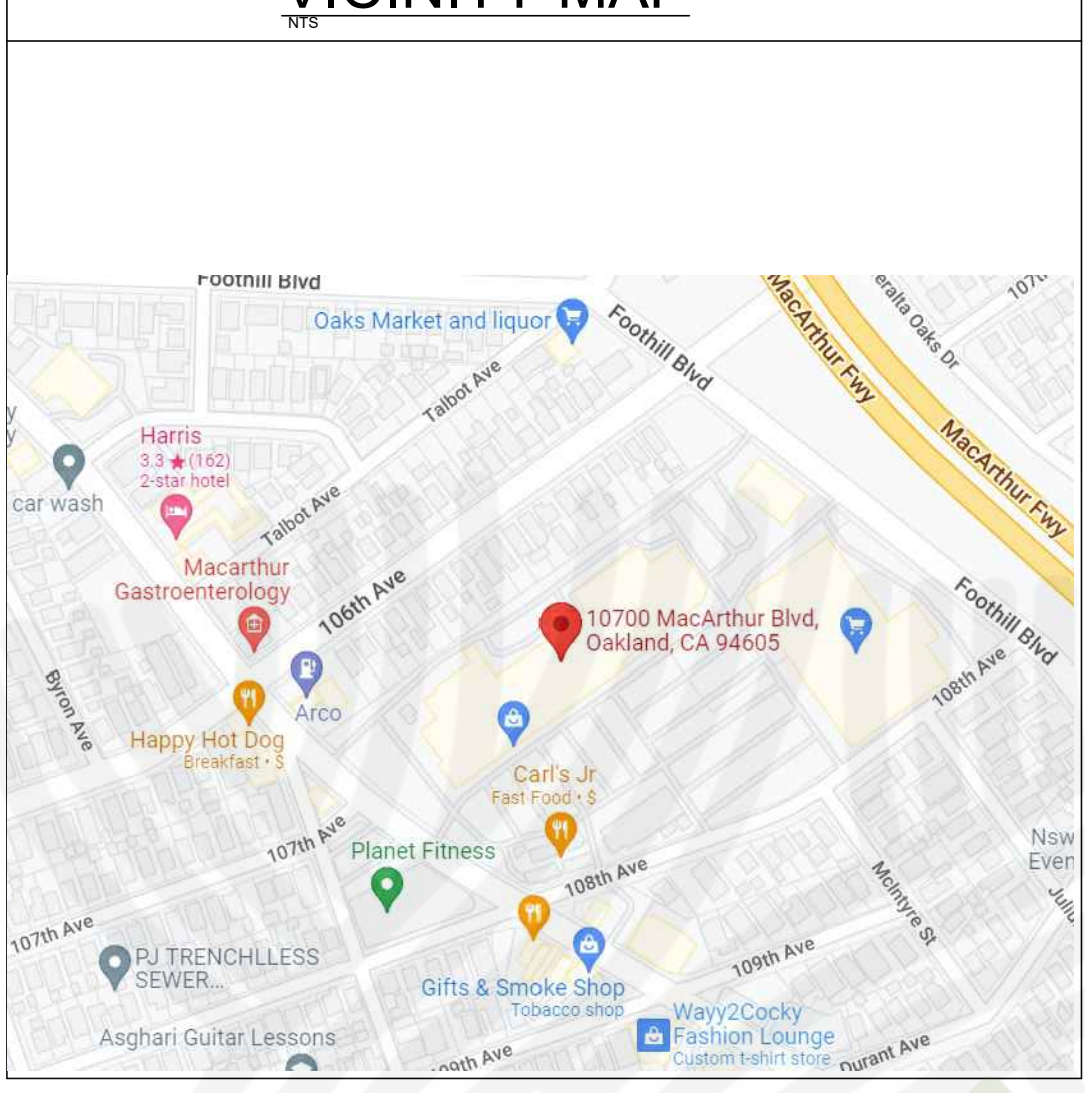
NOTES

- GENERAL**
- ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL CODE ORDINANCES AND LAWS.
 - THE CONTRACTOR SHALL VISIT THE JOB SITE, VERIFY EXISTING CONDITIONS, AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES PRIOR TO SUBMITTING A BID AND/OR BEGINNING ANY CONSTRUCTION WORK.
 - ALL WORK, WHEN COMPLETED, SHALL CONFORM TO THE GOVERNING JURISDICTIONAL ACCESSIBILITY STANDARDS.
 - THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES FOUND BETWEEN THE CONTRACT DOCUMENTS FOR RESOLUTION.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING A COMPLETE AS-BUILT SET OF CONSTRUCTION DRAWINGS AT THE JOB SITE AND TURNING THE AS-BUILT DRAWINGS OVER TO THE OWNER UPON COMPLETION OF THE PROJECT.
 - REFER TO INDIVIDUAL DRAWINGS WITHIN THIS SET OF CONSTRUCTION DOCUMENTS FOR ADDITIONAL GENERAL NOTES.
 - THE CONTRACTOR SHALL BE RESPONSIBLE FOR THOROUGHLY CLEANING THE COMPLETED JOB SITE PRIOR TO TURNING THE PROPERTY OVER TO THE OWNER FOR OCCUPANCY.
 - IN THE EVENT THAT THE CONTRACTOR, OR SUBCONTRACTOR AT ANY TIER, DETERMINES THAT SOME PORTION OF THE DRAWINGS, SPECIFICATIONS, OR OTHER CONTRACT DOCUMENTS REQUIRES CLARIFICATION OR INTERPRETATION BY THE ARCHITECT, THE CONTRACTOR SHALL SUBMIT A REQUEST FOR INFORMATION IN WRITING TO THE ARCHITECT. REQUESTS FOR INFORMATION MAY ONLY BE MADE BY THE GENERAL CONTRACTOR. THE 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. THE ARCHITECT WILL REVIEW THE REQUEST FOR INFORMATION TO DETERMINE IF IT IS A REQUEST FOR INFORMATION 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, FOR RESUBMITTAL IN THE PROPER FORM AND THE PROPER MANNER. RESPONSES TO REQUESTS FOR INFORMATION SHALL BE ISSUED UPON RECEIPT, BUT NO LATER THAN FIVE WORKING DAYS OF RECEIPT OF THE REQUEST, UNLESS THE ARCHITECT DETERMINES THAT A LONGER PERIOD OF TIME IS NEEDED IN ORDER TO PROVIDE AN ADEQUATE RESPONSE. IF A LONGER PERIOD OF TIME IS DETERMINED NECESSARY BY THE ARCHITECT, THE ARCHITECT WILL, WITHIN FIVE WORKING DAYS OF THE RECEIPT OF THE REQUEST FOR INFORMATION, NOTIFY THE CONTRACTOR OF THE ANTICIPATED RESPONSE TIME.
 - IF THE CONTRACTOR SUBMITS A REQUEST FOR INFORMATION WITH FIVE WORKING DAYS OR LESS FLAT ON THE CURRENT PROJECT SCHEDULE, THE CONTRACTOR SHALL NOT BE ENTITLED TO ANY TIME EXTENSION DUE TO THE TIME IT TAKES THE ARCHITECT TO RESPOND TO THE REQUEST FOR INFORMATION, PROVIDED A RESPONSE IS GIVEN WITHIN FIVE WORKING DAYS AS SET FORTH ABOVE.
 - RESPONSES FROM THE ARCHITECT WILL NOT CHANGE ANY REQUIREMENTS OF THE CONTRACTOR DOCUMENTS. IN THE EVENT THAT THE CONTRACTOR BELIEVES A RESPONSE TO A REQUEST FOR INFORMATION WILL CAUSE A CHANGE TO REQUIREMENTS OF THE CONTRACT DOCUMENTS, THE CONTRACTOR SHALL IMMEDIATELY GIVE WRITTEN NOTICE TO THE ARCHITECT AND THE OWNER STATING THAT THE CONTRACTOR CONSIDERS THE RESPONSE TO BE A CHANGE ORDER. FAILURE TO GIVE SUCH WRITTEN NOTICE IMMEDIATELY SHALL WAIVE THE CONTRACTOR'S RIGHT TO SEEK ADDITIONAL TIME OR COST.
 - THE CONSTRUCTION SHALL NOT RESTRICT A FIVE-FOOT CLEAR AND UNOBSTRUCTED ACCESS TO ANY WATER OR POWER DISTRIBUTION FACILITIES (POWER POLES, PULL-BOXES, TRANSFORMERS, VAULTS, PUMPS, VALVES, METERS, APPURTENANCES, ETC.) OR TO THE LOCATION OF THE HOOK-UP. THE CONSTRUCTION SHALL NOT BE WITHIN TEN FEET OF ANY POWER LINES-WHETHER OR NOT THE LINES ARE LOCATED ON THE PROPERTY. FAILURE TO COMPLY MAY CAUSE CONSTRUCTION DELAYS AND/OR ADDITIONAL EXPENSES.
 - AN APPROVED SEISMIC GAS SHUTOFF VALVE WILL BE INSTALLED ON THE FUEL GAS LINE ON THE DOWN STREAM SIDE OF THE UTILITY METER AND BE RIGIDLY CONNECTED TO THE EXTERIOR OF THE BUILDING OR STRUCTURE CONTAINING THE FUEL AS PIPING. (PER ORDINANCE 170.158) (INCLUDES COMMERCIAL ADDITIONS AND IT WORK OVER \$10,000.) SEPARATE PLUMBING PERMIT IS REQUESTED.
 - PROVIDE ULTRA FLUSH WATER CLOSETS OR ALL NEW CONSTRUCTION. EXISTING POWER HEADS AND TOILETS MUST BE ADAPTED FOR LOW WATER CONSUMPTION.
 - A COPY OF THE VALID EVALUATION REPORT AND/OR CONDITIONS OF LISTING SHALL BE MADE AVAILABLE AT THE JOB SITE.
 - OBTAIN SEPARATE PERMIT FOR RETAINING WALLS OR BLOCK FENCE WALLS, GRADING WORK, ELECTRICAL, PLUMBING, AND SIGNAGE.

Applicant must obtain all necessary permits from City of Oakland Department of Transportation for compliance with OMC 12.04 & OMC 12.16
 Improvements & repairs to be completed prior to FINAL



VICINITY MAP



NOTICE
 THE CITY OF OAKLAND IS NOT RESPONSIBLE FOR ENFORCING THE AMERICANS WITH DISABILITIES ACT OR THE FAIR HOUSING AMENDMENTS ACT OF 1988. APPROVAL OF THESE PLANS DOES NOT INDICATE COMPLIANCE WITH THESE FEDERAL REQUIREMENTS. FOR FURTHER INFORMATION CALL OR WRITE:
 U.S. ARCHITECTURAL AND TRANSPORTATION BARRIERS COMPLIANCE BOARD
 SUITE 501, 1111 18TH STREET NW
 WASHINGTON, DC 20036-3894
 1-800-USA-ABLE (872-2253)
 OFFICE OF HUD PROGRAM COMPLIANCE
 ROOM 5204, 451 SEVENTH ST. SW
 WASHINGTON, DC 20410-0500
 1-202-708-2618

ALL WORK SHALL COMPLY WITH THE CBC, CRC, CPC, CMC, CEC, AND OTHER APPLICABLE CODES AS AMENDED AND ADOPTED BY THE CITY OF OAKLAND IN EFFECT AT THE TIME OF PERMIT APPLICATION

SCOPE OF WORK TENANT IMPROVEMENT

THE MAJOR PORTION OF THIS PROJECT INVOLVES INSTALLATION OF AN ALL-GENDER ACCESSIBLE RESTROOM, A CLASS I EXHAUST HOOD AND ASSOCIATED COOKING EQUIPMENT, AND INSTALLATION OF SINKS AND EQUIPMENT REQUIRED FOR A COMMERCIAL KITCHEN.

PROVIDE AND INSTALL THE FOLLOWING:

- FRAME NEW WALLS AS REQUIRED.
- ELECTRICAL WORK AS REQUIRED FOR NEW PLAN.
- PLUMBING WORK AS REQUIRED FOR NEW PLAN.
- TYPE I EXHAUST HOOD TO DUCT WORK.
- HOOD FIRE SUPPRESSION SYSTEM AS REQUIRED.
- COUNTERS AND COVE AS REQUIRED.
- FLOORING AND ALL OTHER RELATED FINISHES.
- NEW EQUIPMENT AS REQUIRED.
- DEMOLITION AS REQUIRED.
- INSTALL HVAC SYSTEM.

CODE INFORMATION

- 2022 CALIFORNIA BUILDING CODE (CBC)
- 2022 CALIFORNIA MECHANICAL CODE (CMC)
- 2022 CALIFORNIA PLUMBING CODE (CPC)
- 2022 CALIFORNIA ELECTRICAL CODE (CEC)
- 2022 CALIFORNIA ENERGY CODE (CEC)
- 2022 CALIFORNIA GREEN BUILDING STANDARDS CODE (CAL Green)
- 2022 CALIFORNIA EXISTING-BUILDING CODE (CEBC)

FIRE DEPARTMENT

DOOR NOTES: ALL EXIT DOORS SHALL BE OPEN ABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE OR EFFORT. KEY LOCKING HARDWARE MAY BE USED ON THE MAIN EXIT WHEN A READILY VISIBLE, DURABLE SIGN IS POSTED ON THE EGRESS SIDE OR ADJACENT TO THE DOOR STATING "THIS DOOR TO REMAIN UNLOCKED WHEN THIS SPACE IS OCCUPIED" THE SIGN SHALL BE IN LETTERS 1 INCH HIGH ON A CONTRASTING BACKGROUND. MANUALLY OPERATED EDGE-OR SURFACE-MOUNTED FLUSH BOLTS ARE PROHIBITED.

ADDRESS: PROVIDE APPROVED ADDRESS NUMBERS LOCATED ON THE BUILDING IN SUCH A MANNER AS TO BE PLAINLY VISIBLE AND LEGIBLE FROM THE STREET OR ROAD FRONTING THE PROPERTY. ADDRESS NUMBERS SHALL BE 4" HIGH WITH A MINIMUM STROKE WIDTH OF 1/2 INCH.

FIRE EXTINGUISHERS: PROVIDE ONE MINIMUM 2A 10B C RATED FIRE EXTINGUISHER LOCATED WITHIN A 75-FOOT TRAVEL DISTANCE FROM ANY POINT IN THE BUILDING. EXTINGUISHERS SHALL BE MOUNTED ON THE WALL OR IN CABINETS, SUCH THAT THE TOP OF THE EXTINGUISHER IS NO MORE THAN FIVE (5) FEET ABOVE THE FLOOR LEVEL.

FOR FIRE SAFETY DEPARTMENT: (TO HAVE SEPARATE PERMIT)
 THE GENERAL FIRE SAFETY NOTES RELATED TO THE BUILDING SHALL BE OBSERVED. ALL FIRE RELATED INSTALLATION IF ANY SHALL HAVE A SEPARATE PERMIT WITH THE APPROVED PLAN BY THE "FIRE SAFETY DEPARTMENT" OR FIRE MARSHALL. A C-16 LICENSED CONTRACTOR WILL BE RESPONSIBLE FOR THE FIRE RELATED PERMIT.

THE EXTERIOR SIGN TO HAVE A SEPARATE PERMIT. THE SEPARATE SIGN DETAIL PLAN SHALL BE APPROVED BY PLANNING DEPARTMENT, BUILDING & FIRE DEPARTMENTS, AND LANDLORD PRIOR TO INSTALLATION.

WALK-IN FREEZER: INSTALL NON-CORROSIVE SPRINKLER HEADS IN WALK-IN FREEZER.



EXISTING BUILDING:

- OCCUPANCY CLASSIFICATION: GROUP B
- TYPE OF CONSTRUCTION: V-B
- FULLY SPRINKLERED: YES
- STORIES - ACTUAL: 1
- PREVIOUS USE - BAY PARTY STORE

PROPOSED LEASE SPACE:
 GROUP B
 USEABLE AREA = 1335 SF
 NO. OF SEATS = 20

NOTICE
 COMPLIANCE CERTIFICATE IS REQUIRED FROM EBMUD FOR PRIVATE SEWER LATERAL (PSL) PRIOR TO FINAL

OCCUPANCY LOAD CALCULATIONS

FUNCTION	OCCUPANCY	AREA	LOAD FACTOR	LOAD
KITCHEN AREAS	B	814	200	5
RESTROOM/ HALLWAY	-	116	-	-
CUSTOMER AREA	B	405	15	27
TOTAL OCCUPANT LOAD		1335		32

PROJECT TEAM

BRAND PARTNER / OWNER
 PUNJABI BROTHERS CORPORATION
 dba WINGSTOP RESTAURANT
 1230 RALSTON AVE. 8
 BELMONT, CA 94002
 JASON SHOKER
 shoker1230@aol.com

PROJECT MANAGEMENT/ CONTACT
 ACUTE CONSULTING, INC
 29 ORINDA WAY, #1267
 ORINDA, CA 94563
 HEIDI: (925) 818-4132 Heidi@Acute-Consulting.com
 MARK: (925) 984-6548 Mark@Acute-Consulting.com

ARCHITECT & M.E.P. ENGINEER
 BEAUMONT & ASSOCIATES
 Megan: 925-330-9017
 design@acute-consulting.com

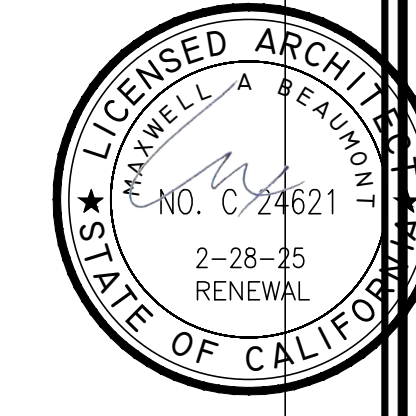
KITCHEN HOOD DESIGNER:
 CAPTIVE AIRE, INC.
 1901 ROYAL LANE, SUITE 101
 DALLAS, TX 95229
 PHONE NO.: (214) 220-3999
 Colin.Prewitt@CaptiveAire.com
 ATTN: COLIN PREWITT

ENERGY CONSULTANT:
 RESCOM ENERGY ENGINEERING
 3166 SUISUN BAY ROAD
 WEST SACRAMENTO, CA 95691
 916-373-1383

STRUCTURAL CONSULTANT:
 UPRIGHT ENGINEERING
 3641 MT. DIABLO BLVD. #1841
 LAFAYETTE, CA 94549
 925-275-5304, INFO@UPCIVIL.COM

DEFERRED SUBMITTALS

- FIRE ALARM SYSTEM:** MODIFICATIONS TO THE FIRE ALARM SYSTEM SHALL BE COMPLETED AS A DEFERRED SUBMITTAL.
- FIRE SPRINKLER SYSTEM:** MODIFICATIONS TO THE FIRE SPRINKLER SYSTEM SHALL BE COMPLETED AS A DEFERRED SUBMITTAL.
- FIRE EXTINGUISHING SYSTEM FOR TYPE 1 HOODS:** THE INSTALLATION OF THE FIRE EXTINGUISHING SYSTEM PROTECTING THE COMMERCIAL KITCHEN WILL BE COMPLETED AS A DEFERRED SUBMITTAL UNDER A SEPARATE FIRE PERMIT.
- EXTERIOR SIGNS:** THE INSTALLATION OF EXTERIOR SIGNS SHALL BE COMPLETED AS A DEFERRED SUBMITTAL UNDER A SEPARATE PERMIT.



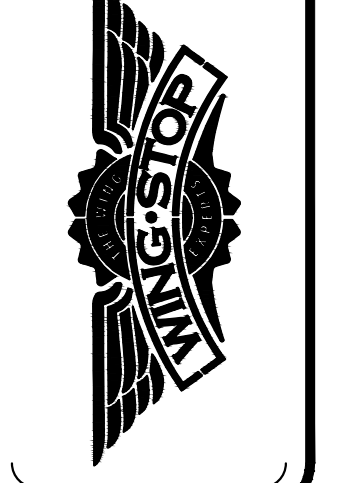
B2302177
APPROVED
 CITY OF OAKLAND
 BUILDING SERVICES
 PLAN CHECK SERVICE
 For Substantial Compliance With Codes and Ordinances
REVISIONS NEED APPROVAL
 By: Tuna Xie tunax@oakland.gov
 BUILDING CODE
 Subject to CBC Sections 105.4, 101.3 and CRC R105.4 and R106.3
 SURVEY (REVIEW ONLY)
 FLOOT PLAN REVIEW
 PARKING/DRIVEWAY LAYOUT
 GRADING & EROSION CONTROL
 SOILS REPORT ON FILE
 ELEC/MECH/PLUMB NOT CHECKED
 Date: 07/21/2023

REV. DATE	NO.
5/26/23	1

BEAUMONT & ASSOCIATES
 MAXWELL A. BEAUMONT, ARCHITECT
 EMERYVILLE, CALIFORNIA
 DESIGN@ACUTE-CONSULTING.COM

Acute Consulting, Inc.
 29 ORINDA WAY, #1267
 ORINDA, CA 94563
 925-818-4132

WING STOP RESTAURANT
 FOOTHILL SQUARE
 10700 MACARTHUR BLVD, #2A
 OAKLAND, CA 94605
 STORE GL#Y345

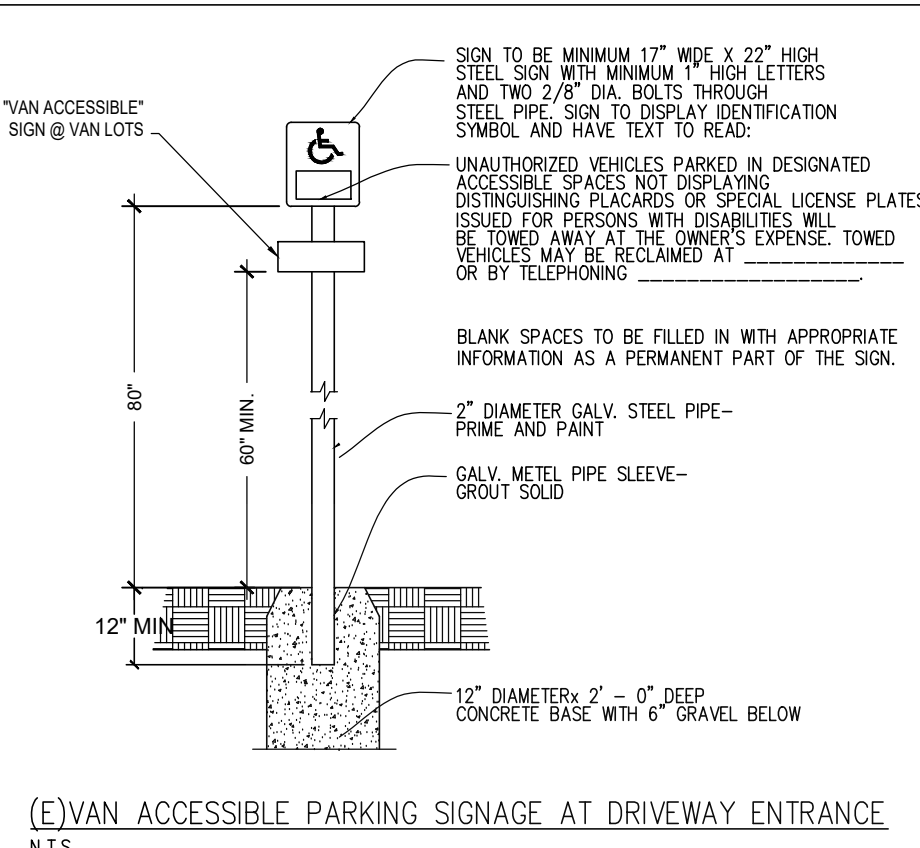
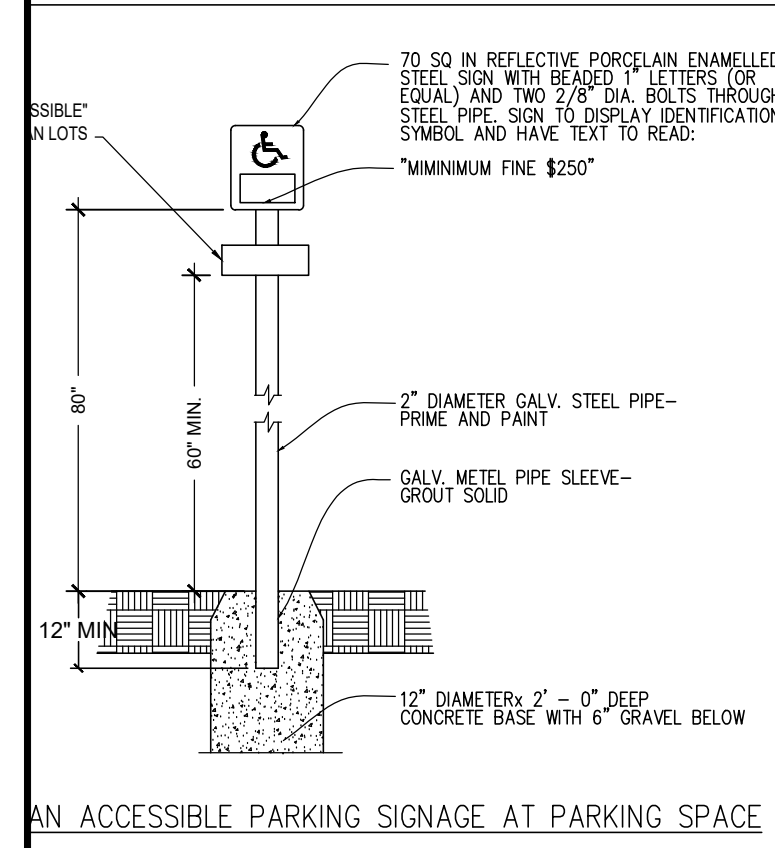


DWG DATE:
 2/7/23

DRAWN BY:
 MSD

COVER SHEET

CS



AN ACCESSIBLE PARKING SIGNAGE AT PARKING SPACE

(E) VAN ACCESSIBLE PARKING SIGNAGE AT DRIVEWAY ENTRANCE
N.T.S.

B2302177
APPROVED
CITY OF OAKLAND
BUILDING SERVICES
PLAN CHECK SECTION

For Substantial Compliance With Codes and Ordinances

REVISIONS NEED APPROVAL
By: Tina Xie txie@oaklandca.gov

TX BUILDING CODE

Subject to CBC Sections 105.4, 107.3 and CRC R105.4 and R106.3

SURVEY (REVIEW ONLY)

PLOT PLAN REVIEW

PARKING/DRIVEWAY LAYOUT

GRADING & EROSION CONTROL

SOILS REPORT ON FILE

ELEC/MECH/PLUMB NOT CHECKED

Date: 07/21/2023



PROJECT LOCATION

THE ACCESSIBLE PATHS OF TRAVEL SHALL COMPLY WITH THE FOLLOWING:
A.) CONTINUOUSLY ACCESSIBLE.
B.) HAS A MAXIMUM 1/2\"/>

SITE PLAN
SCALE: 1/16\"/>

REV. DATE	NO.
5/26/23	1

ARCHITECT: BEAUFORT & ASSOCIATE ARCHITECTS
MAXWELL A. BEAUFORT, ARCHITECT
EMERYVILLE, CALIFORNIA
DESIGN@ACUTE-CONSULTING.COM

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29 ORINDA WAY, #1267
ORINDA, CA 94563
925-818-4132

WING STOP RESTAURANT
FOOTHILL SQUARE
10700 MACARTHUR BLVD, #2A
OAKLAND, CA 94605
STORE GL#Y345

DWG DATE:
1/24/23

DRAWN BY:
MSD

SITE PLAN

A.0

2022 CAL GREEN REQUIREMENTS:

SECTION 5.408 CONSTRUCTION WASTE REDUCTION, DISPOSAL AND RECYCLING

5.408.1 CONSTRUCTION WASTE MANAGEMENT. Recycle and/or salvage for reuse a minimum of 65% of the non-hazardous construction and demolition waste in accordance with Section 5.408.1.1, 5.408.1.2 or 5.408.1.3, or meet a local construction and demolition waste management ordinance, whichever is more stringent.

5.408.1.1 Construction waste management plan. Where a local jurisdiction does not have a construction and demolition waste management ordinance, submit a construction waste management plan that:

1. Identifies the construction and demolition waste materials to be diverted from disposal by efficient usage, recycling, reuse on the project or salvage for future use or sale.
2. Determines if construction and demolition waste materials will be sorted on-site (source-separated) or bulk mixed (single stream).
3. Identifies diversion facilities where construction and demolition waste material collected will be taken.
4. Specifies that the amount of construction and demolition waste materials diverted shall be calculated by weight or volume, but not by both.

5.408.1.2 Waste Management Company. Utilize a waste management company that can provide verifiable documentation that the percentage of construction and demolition waste material diverted from the landfill complies with this section.

Note: The owner or contractor shall make the determination if the construction and demolition waste material will be diverted by a waste management company.

Exceptions to Sections 5.408.1.1 and 5.408.1.2:

1. Excavated soil and land-clearing debris.
2. Alternate waste reduction methods developed by working with local agencies if diversion or recycle facilities capable of compliance with this item do not exist.
3. Demolition waste meeting local ordinance or calculated in consideration of local recycling facilities and markets.

5.408.1.3 Waste stream reduction alternative. The combined weight of new construction disposal that does not exceed two pounds per square foot of building area may be deemed to meet the 65% minimum requirement as approved by the enforcing agency.

5.408.1.4 Documentation. Documentation shall be provided to the enforcing agency which demonstrates compliance with Sections 5.408.1.1, through 5.408.1.3. The waste management plan shall be updated as necessary and shall be accessible during construction for examination by the enforcing agency.



Notes:

1. Sample forms found in "A Guide to the California Green Building Standards Code (Nonresidential)" located at www.bsc.ca.gov/Home/CALGreen.aspx may be used to assist in documenting compliance with the waste management plan.
2. Mixed construction and demolition debris processors can be located at the California Department of Resources Recycling and Recovery (CalRecycle).








DEMOLITION PLAN NOTES

1. DEMOLITION CONTRACTOR RESPONSIBLE FOR VERIFICATION OF ALL MATERIALS AND CONSTRUCTION OF ALL FLOOR, WALL, CEILING AND ROOF ASSEMBLIES.
2. DEMOLITION CONTRACTOR TO SURVEY THE CONDITION OF THE BUILDING TO DETERMINE WHETHER REMOVING ANY ELEMENT MIGHT RESULT IN A STRUCTURAL DEFICIENCY OR UNPLANNED COLLAPSE OF ANY PORTION OF THE STRUCTURE OR ADJACENT STRUCTURES DURING SELECTIVE DEMOLITION.
3. EXISTING CONSTRUCTION THAT IS TO REMAIN SHALL BE PROTECTED FROM DAMAGE AS REQUIRED DURING DEMOLITION OPERATIONS. ANY DAMAGE CAUSED BY THE DEMOLITION SHALL BE REPAIRED AT THE EXPENSE OF THE DEMOLITION CONTRACTOR.
4. DEMOLITION CONTRACTOR IS RESPONSIBLE TO MAINTAIN THE CONSTRUCTION FIRE ASSEMBLY RATING FOR ALL EXISTING RATED WALL ASSEMBLIES, ROOF ASSEMBLIES AND/OR SHAFTS.
5. EXISTING UTILITIES TO REMAIN IN SERVICE AND PROTECT THEM DURING SELECTIVE DEMOLITION.
6. CONDUCT DEMOLITION OPERATIONS AND REMOVE DEBRIS TO ENSURE MINIMAL INTERFERENCE WITH ROADS, STREETS, WALKS AND OTHER ADJACENT OCCUPIED AND USED FACILITIES. REMOVE AND TRANSPORT DEBRIS IN A MANNER THAT WILL PREVENT SPILLAGE ON ADJACENT SURFACES AND AREAS. PROMPTLY DISPOSE OF ALL DEMOLISHED MATERIALS. DO NOT ALLOW DEMOLISHED MATERIALS TO ACCUMULATE ON SITE. LEGALLY TRANSPORT AND DISPOSE OF ALL DEMOLISHED MATERIALS.
7. PROVIDE TEMPORARY WEATHER PROTECTION, AS REQUIRED, DURING SELECTIVE DEMOLITION AND CONSTRUCTION PROCESS TO ENSURE THAT NO WATER DAMAGE OCCURS TO STRUCTURE, EQUIPMENT, EXTERIOR OR INTERIOR AREAS.
8. 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.
9. ALL EXISTING CABINETRY, COUNTERTOPS, SHELVES, ETC. IN AREAS OF DEMOLITION SHALL BE REMOVED, INCLUDING THAT NOT SPECIFICALLY SHOWN ON DRAWINGS.
10. ALL DOORS AND HARDWARE TO REMAIN UNLESS NOTED OTHERWISE IN THE DOOR AND FRAME SCHEDULE.
11. REFER TO MECHANICAL DRAWINGS FOR ALL MECHANICAL BEING REMOVED, RELOCATED OR ABANDONED. CUT AND PATCH FLOOR AS REQUIRED FOR ALL NEW MECHANICAL. CAP ABANDONED MECHANICAL BELOW PATCH OF FLOOR SLAB.
12. VERIFY ALL MODIFICATIONS OF HVAC AND PLUMBING WITH MECHANICAL DRAWINGS.
13. REFER TO PLUMBING DRAWINGS FOR ALL PLUMBING BEING REMOVED, RELOCATED OR ABANDONED. CUT AND PATCH FLOOR AS REQUIRED FOR NEW PLUMBING. CAP ABANDONED PLUMBING BELOW PATCH OF FLOOR SLAB.
14. REFER TO ELECTRICAL DRAWINGS FOR ALL ELECTRICAL BEING REMOVED, RELOCATED OR ABANDONED CUT AND PATCH FLOOR AS REQUIRED FOR NEW ELECTRICAL.
15. THOROUGHLY CLEAN BUILDING UPON COMPLETION OF SELECTIVE DEMOLITION.
16. TOTAL SCOPE OF DEMOLITION MAY NOT BE COVERED ON THIS SHEET. REVIEW ALL SHEETS IN THE CONSTRUCTION DOCUMENTS TO DETERMINE TOTAL SCOPE OF DEMOLITION.

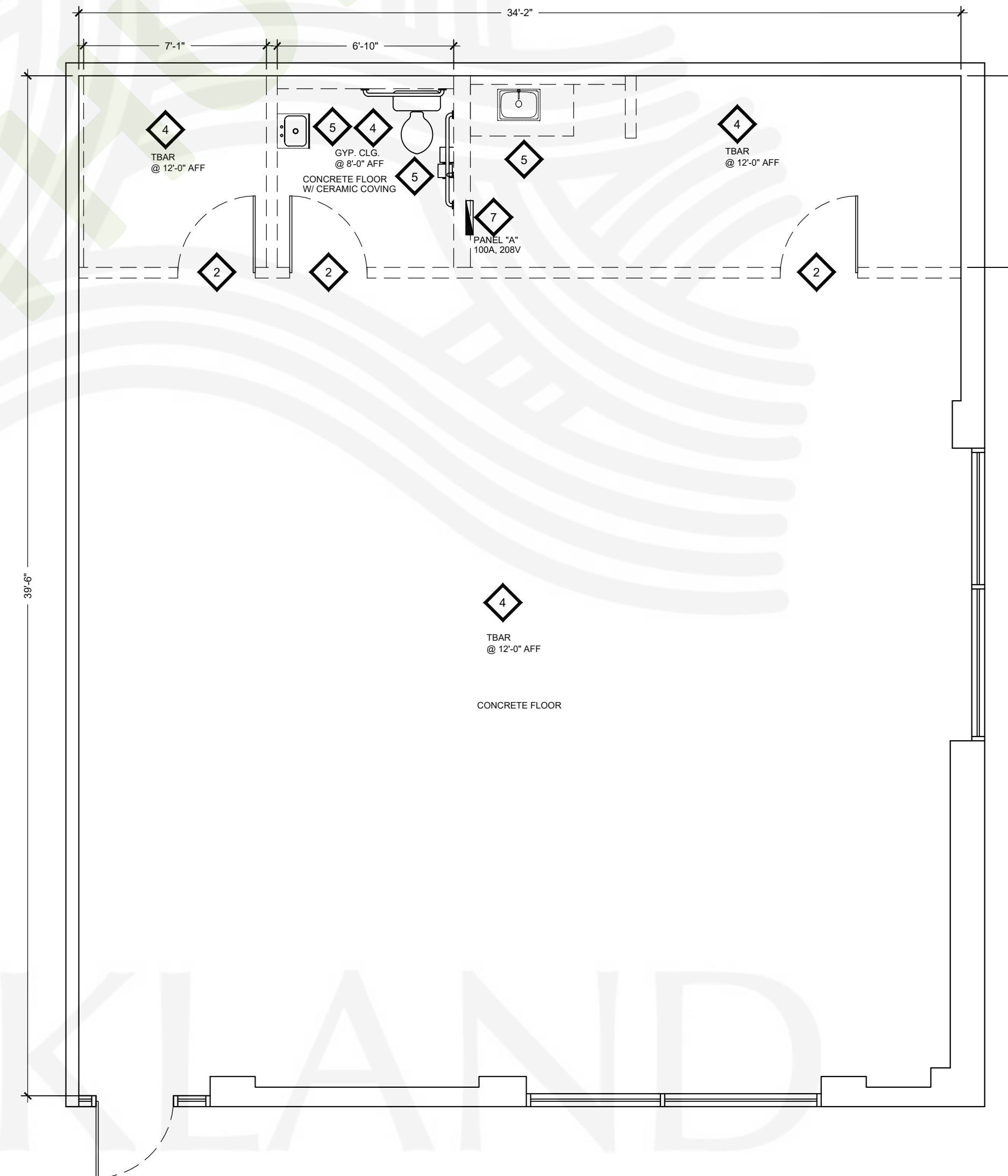
WALL LEGEND:

-  EXISTING WALLS, OR PARTITIONS
-  EXISTING WALLS AND FIXTURES TO BE REMOVED

DEMOLITION PLAN LEGEND

-  DASHED LINES INDICATE EXISTING WALLS TO BE REMOVED - PATCH AND REPAIR FLOOR/ WALL AS NECESSARY
-  EXISTING DOOR AND FRAME TO BE REMOVED
-  NOT USED
-  REMOVE EXISTING CEILING*, SOFFIT, LIGHTS, AND DIFFUSERS
-  EXISTING PLUMBING FIXTURES TO BE REMOVED - CAP AND SEAL UTILITIES - REFER TO PLUMBING DRAWINGS
-  PREPARE EXISTING FLOORS/WALLS TO ACCEPT NEW FINISHES - REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL INFORMATION
-  EXISTING ELECTRICAL PANEL TO BE REMOVED/RELOCATED - REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION

NOTE: REMOVE ALL EQUIPMENT, FURNITURE AND RETAIL WALL COVERING REMAINING IN TENANT SPACE FROM PREVIOUS TENANT.



EXISTING/ DEMOLITION FLOOR PLAN

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

B2302177
APPROVED

CITY OF OAKLAND
BUILDING SERVICES
PLAN CHECK SECTION

For Substantial Compliance With Codes and Ordinances

REVISIONS NEED APPROVAL

By: Tina Xie tinaxie@oaklandca.gov

7X BUILDING CODE

Subject to CBC Sections 105.4, 107.3 and CBC R105.4 and R105.5

SURVEY (REVIEW ONLY)

PLOT PLAN REVIEW

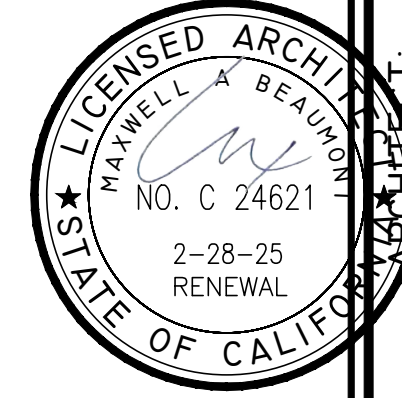
PARKING/DRIVEWAY LAYOUT

GRADING & EROSION CONTROL

SOILS REPORT ON FILE

ELEC/MECH/PLUMB NOT CHECKED

Date: 07/21/2023



ARCHITECT:
BEAUMONT & ASSOCIATES
MAXWELL A. BEAUMONT, ARCHITECT
EMERYVILLE, CALIFORNIA
DESIGN@ACUTE-CONSULTING.COM

Acute Consulting, Inc.
29 ORINDA WAY, #1267
ORINDA, CA 94563
925-818-4132

WING STOP RESTAURANT
FOOTHILL SQUARE
10700 MACARTHUR BLVD, #2A
OAKLAND, CA 94605
STORE GL#Y345



DWG DATE:
1/24/23

DRAWN BY:
MSD

DEMOLITION FLOOR PLAN

A.1

FLOOR PLAN NOTES

- REFER TO SHEET EQ1 FOR SEATING, AND EQUIPMENT LAYOUT AND SHEET EQ.2 FOR EQUIPMENT ELEVATIONS.
- DIMENSIONS ARE TO THE FINISH FACE OF SHEATHING.
- REFER TO THE PLUMBING DRAWINGS FOR ALL FLOOR SINK AND FLOOR DRAIN LOCATIONS.
- "THIS BUILDING MUST BE EQUIPPED WITH AN AUTOMATIC FIRE EXTINGUISHER SYSTEM, COMPLYING WITH (NFPA-13/NFPA-13R); THE SPRINKLER SYSTEM SHALL BE APPROVED BY PLUMBING DIVISION PRIOR TO INSTALLATION."
- EXIT SIGNS SHALL BE INTERNALLY OR EXTERNALLY ILLUMINATED.
- EXIT SIGNS ILLUMINATED BY AN EXTERNAL SOURCE SHALL HAVE AN INTENSITY OF NOT LESS THAN 5 FOOT CANDLES (54 LUX)
- INTERNALLY ILLUMINATED SIGNS SHALL BE LISTED AND LABELED AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND SECTION 2702.
- EXIT SIGNS SHALL BE ILLUMINATED ALL TIMES
- EXIT SIGNS SHALL BE CONNECTED TO AN EMERGENCY POWER SYSTEM THAT WILL PROVIDE AN ILLUMINATION OF NOT LESS THAN 90 MIN. IN CASE OF PRIMARY POWER LOSS.
- EGRESS DOORS SHALL BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.
- DOOR HANDLES, LOCK AND OTHER OPERATING DEVICES SHALL BE INSTALLED AT A MIN. 34" AND A MAX 44" ABOVE THE FINISHED FLOOR.
- THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED
- SEE 'DOOR NOTES' ON SHEET A.8.
- THE MEANS OF EGRESS, INCLUDING THE EXIT DISCHARGE, SHALL BE ILLUMINATED AT ALL TIMES THE BUILDING SPACE SERVED BY THE MEANS OF EGRESS IS OCCUPIED.
- THE MEANS OF EGRESS ILLUMINATION LEVEL SHALL NOT BE LESS THAN 1 FOOT-CANDLE AT THE WALKING SURFACE
- THE POWER SUPPLY FOR MEANS OF EGRESS ILLUMINATION SHALL NORMALLY BE PROVIDED BY THE PREMISES' ELECTRICAL SUPPLY.
- THE EMERGENCY POWER SYSTEM SHALL PROVIDE POWER FOR DURATION OF NOT LESS THAN 90 MINUTES AND SHALL CONSIST OF STORAGE BATTERIES, UNIT EQUIPMENT OR AN ON-SITE GENERATOR. THE INSTALLATION OF THE EMERGENCY POWER SYSTEM SHALL BE IN ACCORDANCE WITH SECTION 2702.
- EMERGENCY LIGHTING FACILITIES SHALL BE ARRANGED TO PROVIDE INITIAL ILLUMINATION THAT IS AT LEAST AN AVERAGE OF 1 FOOT-CANDLE (11 LUX) AND A MINIMUM AT ANY POINT OF 0.1 FOOT-CANDLE (1 LUX) MEASURED ALONG A PATH OF EGRESS AT FLOOR LEVEL. ILLUMINATION LEVELS SHALL BE PERMITTED TO DECLINE TO 0.6 FOOT-CANDLE (6 LUX) AVERAGE AND A MINIMUM AT ANY POINT OF 0.06 FOOT-CANDLE (0.6 LUX) AT THE END OF THE EMERGENCY LIGHTING TIME DURATION. A MAXIMUM-TO-MINIMUM ILLUMINATION UNIFORMITY RATIO OF 40 TO 1 SHALL NOT BE EXCEEDED.

WALL LEGEND	
	EXIST. WALLS OR PARTITIONS
	NEW PARTITIONS
	NEW KNEE WALLS
	NEW ROOF HT. WALL
WALL TYPES	
WALL #1	1 EXISTING EXTERIOR WALL TO REMAIN (WALL CONSTRUCTION VARIES) FIELD VERIFY EXIST. CONDITIONS & REPAIR AS REQUIRED * REFER TO 1A/2 FOR SHEATHING MODIFICATION WITH WATERPROOFING @ ALL WET AREAS
WALL #2	2 5/8" TYPE 'X' GYP. BD. 3 5/8" 25 GA. MET. STUDS (DIETRICH, ICC/ESR 2457) @ 24" O.C. 5/8" TYPE 'X' GYP. BD. * BRACE TO STRUCTURE PER DETAIL 1A.7 * REFER TO 2A/2 FOR SHEATHING MODIFICATION WITH WATERPROOFING @ ALL WET AREAS
WALL #3	3 EXISTING DEMISING WALL TO REMAIN (WALL CONSTRUCTION VARIES) FIELD VERIFY EXIST. CONDITIONS & REPAIR AS REQUIRED * REFER TO 1A/2 FOR SHEATHING MODIFICATION WITH WATERPROOFING @ ALL WET AREAS
WALL #4	4 ROOF HEIGHT WALL AT HOOD. SEE DETAIL 2/ A.2. 18 GA @ 16"OC * REFER TO 1A/2 FOR SHEATHING MODIFICATION WITH WATERPROOFING @ ALL WET AREAS

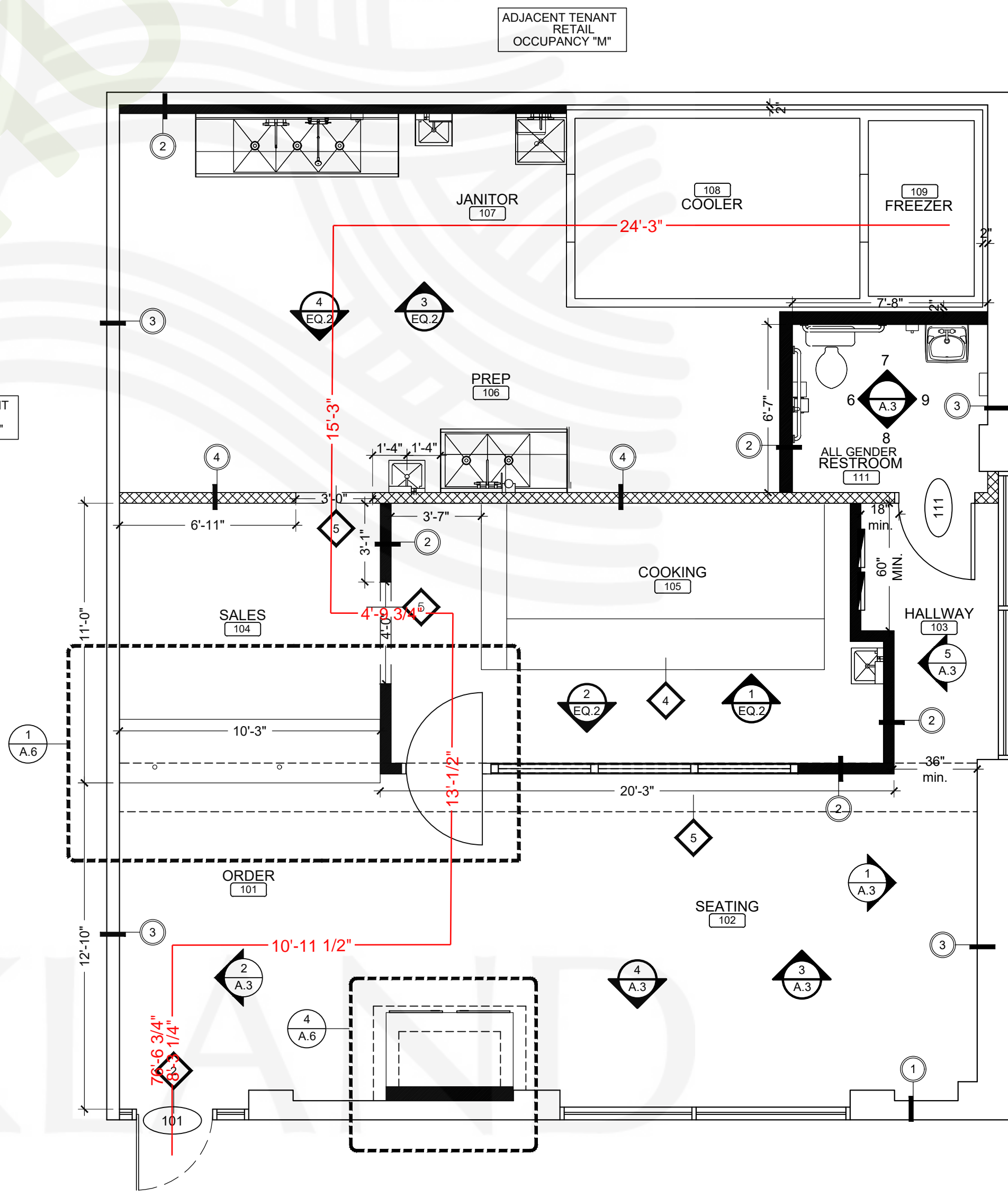
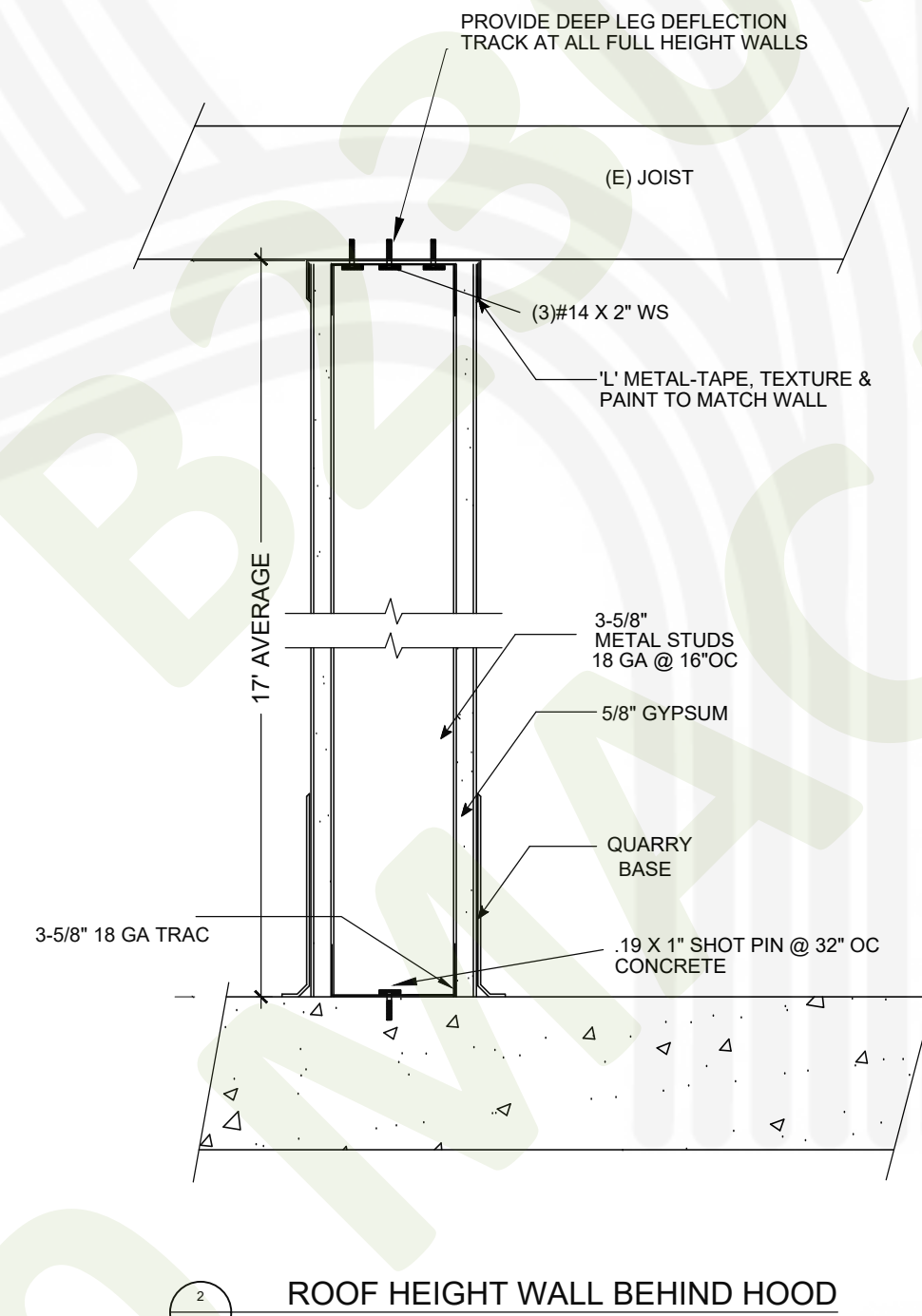
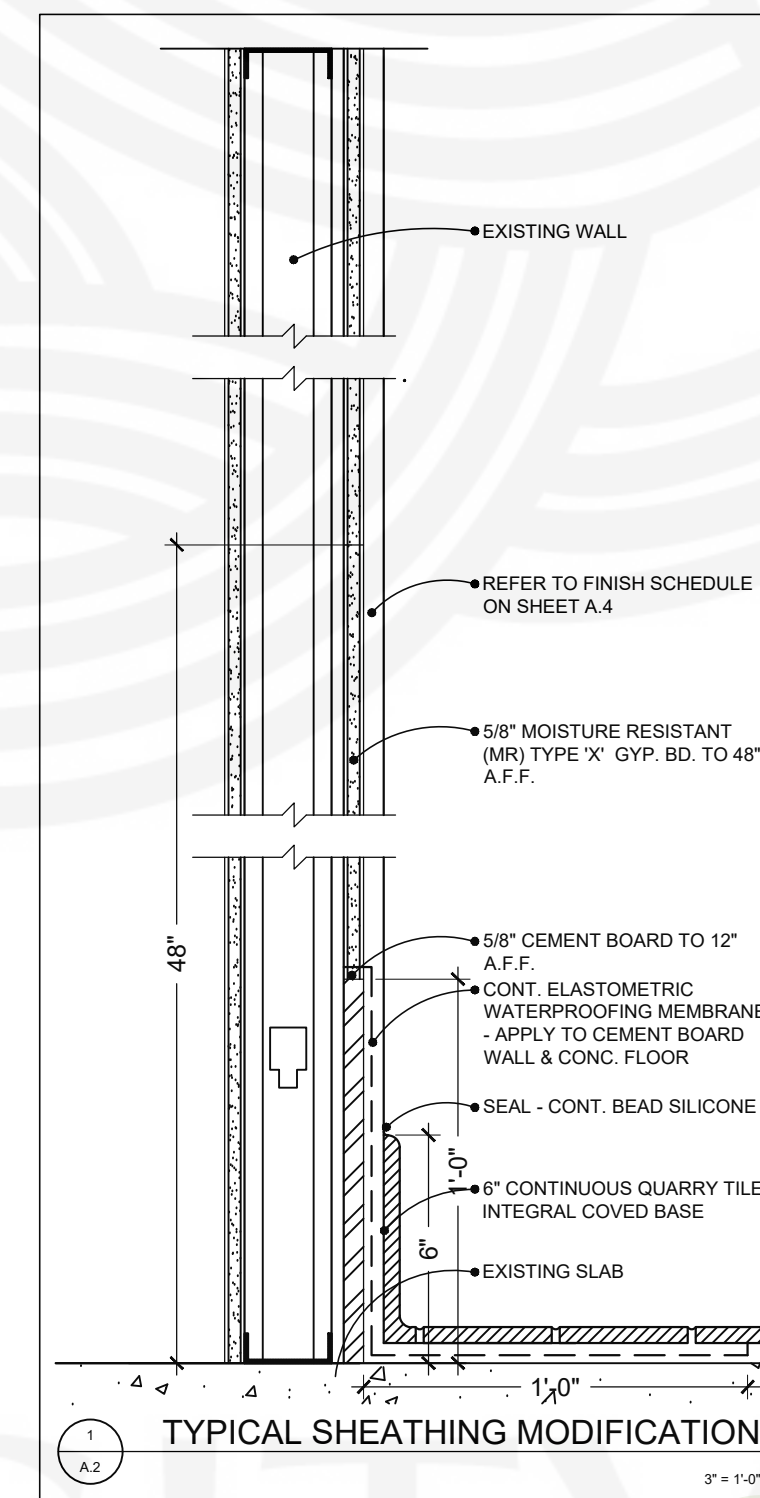
- PROVIDE MOISTURE RESISTANT GYP. BD. AT WET AREAS
- INSTALL GYP. BD. CONTROL JOINTS AS NEEDED TO PREVENT CRACKING
- PROVIDE FINISHES PER ROOM FINISH SCHEDULE ON SHEET A.4

FLOOR PLAN LEGEND

- NOT USED.
- EXIST. THRESHOLD WITH 1/2" LIP MAXIMUM AND BEVELED SIDES THAT SLOPE 1:2 MAXIMUM. REPLACE IF NEEDED.
- NOT USED.
- DASHED LINE INDICATES EXHAUST HOOD - REFER TO REFLECTED CEILING PLAN ON SHEET E.1 FOR ADDITIONAL INFORMATION.
- DASHED LINE INDICATES SOFFIT / HEADER ABOVE - REFER TO REFLECTED CEILING PLAN ON SHEET E.1.
- ELECTRICAL PANEL LOCATION - PROVIDE A 30" X 36" CLEAR FLOOR SPACE IN FRONT OF PANEL(S) - REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

FLOOR PLAN NOTES

- REFER TO SHEET EQ1 FOR SEATING, AND EQUIPMENT LAYOUT AND SHEET EQ2 FOR EQUIPMENT ELEVATIONS.
- DIMENSIONS ARE TO THE FINISH FACE OF SHEATHING.
- VERIFY DEMISING WALLS ARE FULL HEIGHT TO DECK - NOTIFY ARCHITECT OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

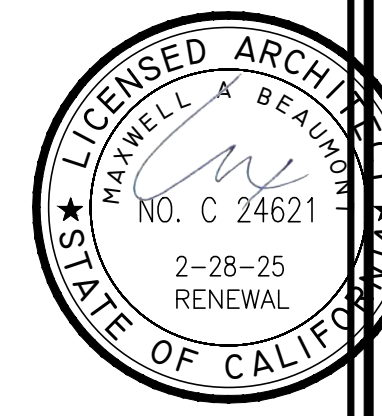


CONSTRUCTION FLOOR PLAN

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

NOTE:
REFER TO CS FOR GENERAL NOTES
AND NOTES TO BIDDERS

REV.	DATE	NO.
5/26/23		1

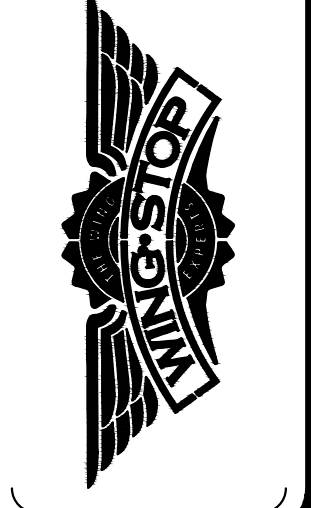


B2302177
APPROVED
CITY OF OAKLAND
BUILDING SERVICES
PLAN CHECK SECTION
For Substantial Compliance With Codes and Ordinances
REVISIONS NEED APPROVAL
By: Tina Xie
7X BUILDING CODE
Subject to CBC Sections 105.4, 107.3 and CBC R105.4 and R106.3
SURVEY (REVIEW ONLY)
PLOT PLAN REVIEW
PARKING/DRIVEWAY LAYOUT
GRADING & EROSION CONTROL
SOILS REPORT ON FILE
ELEC/MECH/PLUMB NOT CHECKED
Date: 07/21/2023

Acute Consulting, Inc.
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EMERYVILLE, CALIFORNIA
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STORE 687345



DWG DATE:
1/24/23
DRAWN BY:
MSD

CONSTRUCTION PLAN

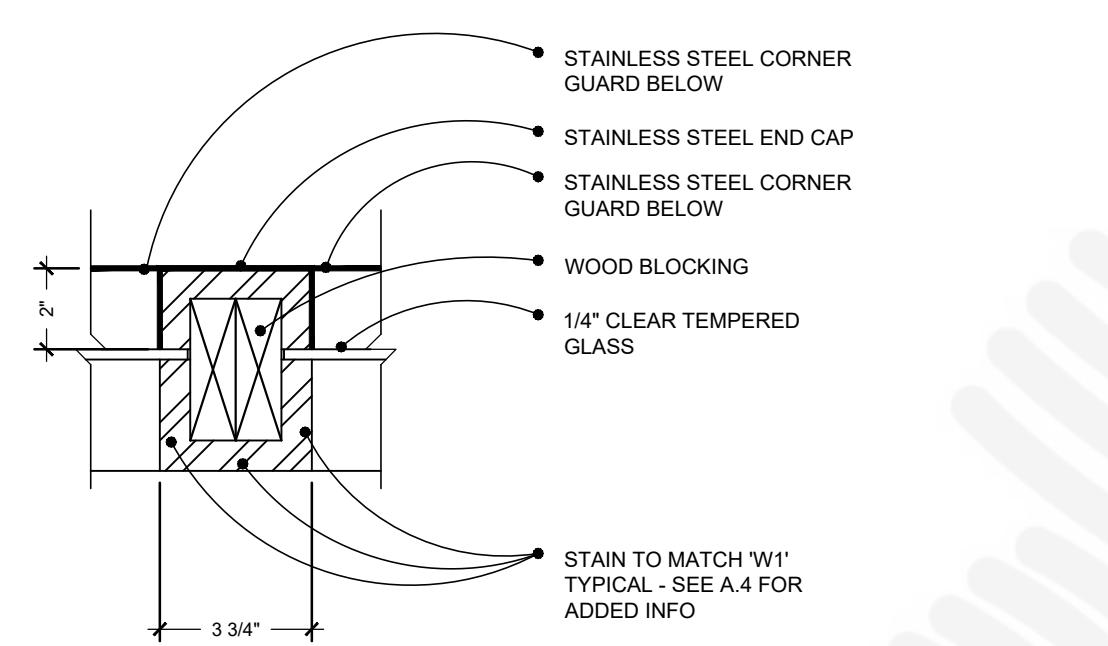
CITY OF SANTA CLARITA
PERMIT NO:
BLD21-00999

A.2

DOOR NOTES:

1. ALL DOORS TO BE EQUIPPED WITH SINGLE-EFFORT, NON-GRASP HARDWARE (I.E. LEVER) CENTERED BETWEEN 34" AND 44" ABOVE THE FLOOR.
2. THE MAXIMUM EFFORT FOR BOTH INTERIOR AND EXTERIOR DOORS AND GATES IS 5 POUNDS.
3. DOOR CLOSERS SHALL BE ADJUSTED TO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12 DEGREES FROM THE LATCH IS 5 SECONDS MINIMUM.
5. THE BOTTOM EDGE OF THE DOOR CLOSER SHALL BE 78" AFF MIN.

2
A.4
NOT USED
1 1/2" = 1'-0"



3
A.4
TYP. SECTION @ VIEWING WINDOW
3" = 1'-0"

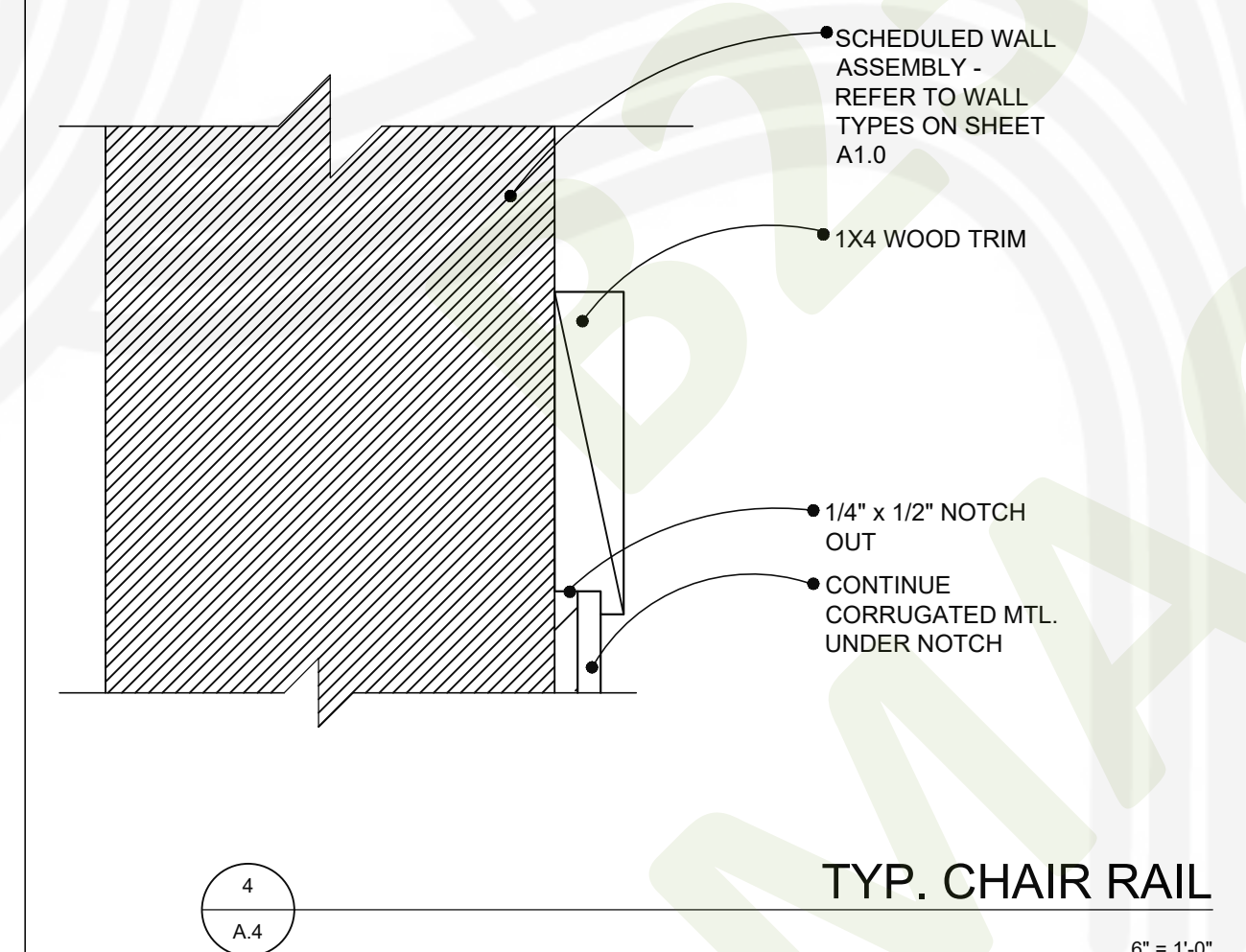


HARDWARE SCHEDULE

HARDWARE SET	DESCRIPTION	QTY.
1	NOTE: FIELD VERIFY EXISTING DOOR CONDITIONS AND REUSE IF ALLOWABLE THUMBTURN LOCK WITH INDICATOR SIGN: THESE DOORS TO REMAIN UNLOCKED WHILE BUSINESS IS OCCUPIED* CLOSER HINGES THRESHOLD PUSH/ PULL BAR WITH PADDLE HANDLE	1 EA 1 EA 1 SET 1 EA 1 EA
2	DOUBLE ACTION KITCHEN HINGES	1 SET
3	NOT USED	
4	NOT USED	
5	HINGES PRIVACY LOCK SET LEVER HANDLE CLOSER (SELF-CLOSING) SIGN "ALL GENDER" (DECOR BY OWNER) ACCESSIBLE SIGN "ALL GENDER" (BY CONTRACTOR) DOOR / WALL STOP - REFER TO A.1 10" HIGH KICK PLATE (BRUSHED SS FINISH) ONE ON EACH SIDE	1 SET 1 EA 1 EA 1 EA 1 EA

HARDWARE NOTES

1. ALL HARDWARE NEW AND EXISTING SHALL BE IN ACCORDANCE WITH LOCAL AND STATE ACCESSIBILITY STANDARDS, AND AMERICANS WITH DISABILITY STANDARDS.
2. A READILY VISIBLE, DURABLE SIGN IS POSTED ON THE EGRESS SIDE OR ADJACENT TO THE DOOR STATING, "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED".
3. EGRESS DOORS TO BE READILY OPENABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY OR ANY REQUIRED SPECIAL KNOWLEDGE OR EFFORT.
4. EGRESS DOOR LOCK AND LATCHES SHALL COMPLY WITH ALL LOCAL AND STATE CODE REQUIREMENTS.



4
A.4
TYP. CHAIR RAIL
6" = 1'-0"

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CITY OF OAKLAND
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PLAN CHECK SECTION
For Substantial Compliance With Codes and Ordinances

REVISIONS NEED APPROVAL
By: Tina Xiao tinaxiao@oaklandca.gov

BUILDING CODE
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SURVEY (REVIEW ONLY)
PLOT PLAN REVIEW
PARKING/DRIVEWAY LAYOUT
GRADING & EROSION CONTROL
SOILS REPORT ON FILE

ELEC/MECH/PLUMB NOT CHECKED

Date: 07/21/2023

NOT USED
A.4
1 1/2" = 1'-0"

DOOR SCHEDULE

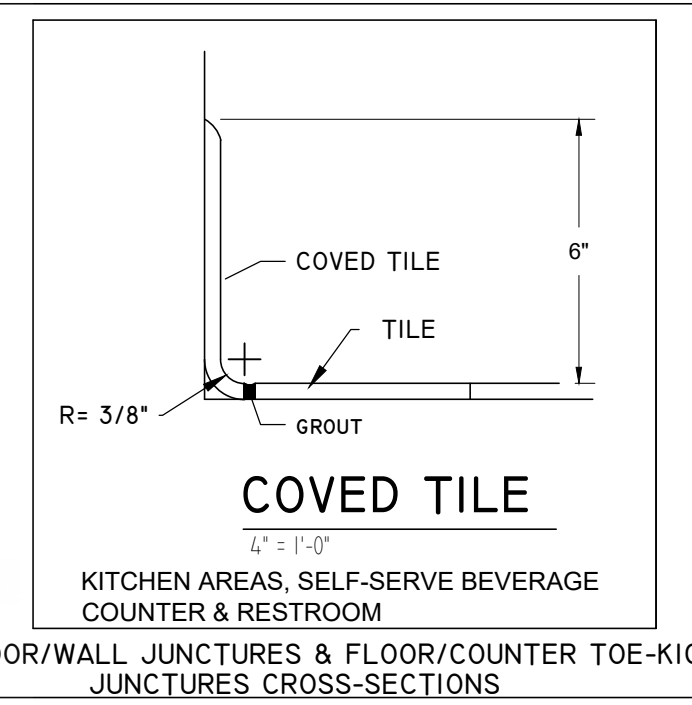
MARK	SIZE	DESCRIPTION	FRAME	NOTES	RATING	HARDWARE
101	EXISTING	EXISTING ALUMINUM AND GLASS STOREFRONT	ALUM.	FIELD VERIFY EXISTING CONDITIONS USE EXISTING HARDWARE IF POSSIBLE SUPPLIED BY OWNER, INSTALLED BY G.C.	N/A	NUMBER 1
104	DOUBLE SWING DOOR 3'-0" x 7'-0" X 3/4"	NEW DOUBLE SWING ACTION KITCHEN DOOR			N/A	NUMBER 2
106	NOT USED					
107	NOT USED		METAL		N/A	
110	NOT USED					
111	3'-0" x 7'-0" x 1 3/4"	NEW SOLID CORE WOOD (PAINT GRADE) (RESTROOM)	METAL	KNOCK-DOWN PRIMER GRADE FRAME PAINTED P4 ALL SIDES	N/A	NUMBER 5
112	NOT USED					

ROOM FINISH SCHEDULE

ROOM #	ROOM NAME	FLOOR	BASE	WALLS	CEILING	REMARKS
101	ORDER	F1	F5	W6, W7, W9, W10	C1	-
102	SEATING	F1	F5	W1, W6, W7, W9, W10, W11, W12	C1	-
103	HALLWAY	F1	F5	W6, W9, W10	C1	-
104	SALES	F2	F2	W7, W11	C2	REFER TO SHEET EQ.2 FOR WALL TILE LOCATION
105	COOKING	F2	F2	W2, W8	C2	-
106	PREP	F2	F2	W2	C2	-
107	JANITOR	F2	F2	W2	C2	-
108	WALK-IN COOLER	F2	F2	REFER TO WALK-IN SPECIFICATIONS ON EQ1	-	EXTERIOR WALLS HAVE F2 AS BASE
109	WALK-IN FREEZER	-	-	REFER TO WALK-IN SPECIFICATIONS ON EQ1	-	EXTERIOR WALLS HAVE F2 AS BASE
110	NOT USED					
111	ALL GENDER	F6	F3	W4, W6, W11, W12	C3	REFER TO SHEET A.3 FOR FINISH LOCATIONS
	SELF-SERVE BEV. COUNTR	F1	F4	W2, W11	C3	REFER TO ELEVATION 1/A.3 FOR FINISH LOCATIONS

ROOM FINISH SCHEDULE NOTES

1. REFER TO SHEET E.1 FOR CEILING HEIGHTS
2. REFER TO SHEETS A.5 FOR ADDITIONAL FLOOR FINISH NOTES
3. REFER TO SHEETS A.3 AND EQ.2 FOR PAINT AND FINISH MATERIAL LOCATIONS
4. REFER TO SHEET A.2 FOR DOOR LOCATIONS



FINISH TYPES

- FLOORS**
- F1) EXISTING CONCRETE SLAB TO BE DYED: COLOR:DRIFTWOOD #1395
ALTERNATE: 12"x24" CMC CHARCOAL, W/ MAPEI ULTRACOLOR PLUS FA, GROUT COLOR 107 IRON, LAY W/ 1/3 OFFSET
 - F2) 6x6 QUARRY TILE (HARD, SMOOTH UNDER ALL EQUIPMENT AND ABRASIVE IN WALL WALKWAYS, NON ABSORBENT) CMC RED QUARRY TILE COVE BASE, CMC RED SMOOTH 6X6X1/2" QUARRY TILE, CMC RED ABRASIVE 6X6X1/2" QUARRY TILE, W/ MAPEI KERAPOXY IEG (INDUSTRIAL EPOXY GROUT), 47
 - F3) CMC OXIDIZED CHARCOAL 6" COVE BASE, W/ MAPEI ULTRACOLOR PLUS FA 07, GROUT COLOR 47 CHARCOAL
 - F4) CMC MINI BRIGHT BLACK 6" COVE BASE, W/ MAPEI ULTRACOLOR PLUS FA 07, GROUT COLOR 47 CHARCOAL
 - F5) 1X6 WOOD BASE - PAINT P4
 - F6) 6x6 QUARRY TILE, CMC GRAY QUARRY TILE COVE BASE W/ MAPEI KERAPOXY INDUSTRIAL EPOXY GROUT
 - F7) BLACK VINYL BASE
- WALLS**
- W1) 1X6 TONGUE & GROOVE YELLOW PINE WITH CHAMFERED EDGES, 10'-12" LONG BOARDS - SANDED UP TO 220 GRIT, (1) COAT (MINWAX PERFORMANCE - SEMI TRANSPARENT STAIN FRUITWOOD SW318 TO BE MIXED IN STORE) - (2) COATS OF MINWAX FAST DRYING POLYURETHANE CLEAR SATIN - PROVIDED & INSTALLED BY CONTRACTOR - REFER TO 6/A3.1 FOR INSTALLATION DETAIL
 - W2) 12"x24" CMC CHARCOAL, W/ MAPEI ULTRACOLOR PLUS FA, GROUT COLOR 107 IRON, LAY W/ 1/3 OFFSET
 - W3) PLASTIC LAMINATE, MATTE SURFACE, #S2003T, COLOR: SIENNA ESSENCE
 - W4) 12"x24" CMC CHARCOAL, W/ MAPEI ULTRACOLOR PLUS FA, GROUT COLOR 107 IRON, LAY W/ 1/3 OFFSET
 - W5) F.R.P. (FIBERGLASS REINFORCED PANELING) SMOOTH FINISH, COLOR: WHITE
 - W6) WALL SURFACE FINISH: LEVEL 03 TEXTURED FINISH: ORANGE PEEL
 - W7) WALL SURFACE FINISH: LEVEL 04 SMOOTH FINISH: SMOOTH SURFACE W/ NO TEXTURE
 - W8) STAINLESS STEEL WALL PANEL - 48" WIDE MAXIMUM 20 GAUGE 430 STAINLESS STEEL PANELS WITH #3 OR #4 FINISH: SMOOTH SURFACE, REFER TO SHEET EQ2 FOR LOCATION - PROVIDED BY KITCHEN EQUIPMENT VENDOR AND INSTALLED BY GENERAL CONTRACTOR, SEE 6/EQ3
 - W9) CORRUGATED METAL 1 1/4" X 1/4" PANEL PROFILE
 - W10) 1X CHAIR RAIL, CUSTOM
 - W11) CMC AGELESS WHITE 07 GLOSS FINISH TILE 4"x16", VERTICAL STACKED BOND, MAPEI ULTRACOLOR PLUS FA 92 WARM GRAY GROUT
 - W12) SCHLUTER STRIP: QUADCEB, BRUSHED STAINLESS STEEL
- * IN CALIFORNIA ONLY, THE STAIN SPECS ARE THE FOLLOWING:
MINWAX WATER BASED WOOD FINISH, CLEAR TINT BASE, COLOR: COLONIAL PINE

MATERIAL INFORMATION

- FLOOR DYE**
SCOFIELD CONCRETE PRODUCTS/ 1-800-800-9900 FORMULA ONE LIQUID DYE CONCENTRATE SEALED WITH FINISH HARDENER: FORMULA ONE LITHIUM DENSIFIER. A CERTIFIED SCOFIELD INSTALLER IS RECOMMENDED. CONTACT CUSTOMER SERVICE FOR LOCAL INSTALLER AT THE NUMBER SPECIFIED ABOVE * REFER TO THE ADDITIONAL CONCRETE FLOOR FINISH NOTES.
- QUARRY TILE, WALL TILE & TILE COVE BASE & SETTING MATERIAL**
CREATIVE MATERIALS CORPORATION (CMC)
MAPEI or equal
AMY BURKE / 518-713-5386
ABURKE@CREATIVEMATERIALSCORP.COM
- WOOD BASE TRIM**
LIGHTLY SAND W/ 220 GRIT SANDPAPER & PAINT "P4"
- FRP**
MARILITE / 330-343-6621
FRP SHALL BE PROVIDED ON ALL WALLS AT FULL HEIGHT IN THE SALES, COOKING, PREPARATION, SCULLERY & JANITOR AREAS, (ALSO IN OFFICE AREA IF APPLICABLE)
- WINDOW SHADES**
ROLL-A-SHADE / 951.245.5077 x 119
JONAH.TAFOYA@ROLLASHADE.COM
WWW.ROLLASHADE.COM
SHEER WEAVE 2390 (5%) V20 PEARL GRAY WITH DIGITALLY PRINTED WINGSTOP LOGO
- CORRUGATED METAL PANELS**
RANDAL RETAIL
507 N. Raddant Rd.
Batavia, IL 60510
Tyler Logan
630-763-0400
tylerl@randalretail.com
(1) PANELS ARE TESTED FOR UL 790 CLASS A FIRE RESISTANCE RATING AND UL 2218 CLASS 4 HAIL IMPACT RESISTANCE.
- PAINT**
SHERWIN WILLIAMS / 214-728-6696, REFERENCE PARENT CODE #3729
REFER TO SHEET A.3 FOR LOCATIONS
- WRI LIGHTING**
MELETTIO LIGHTING
JIM ELLIS
JELLIS@METELIO.COM
PH: 214-352-3900
- GREASE INTERCEPTOR - NATIONAL ACCOUNT INFORMATION**
SCHIER NATIONAL STRATEGIC PRICING AGREEMENT #001078
PLEASE CONTACT :
STARRLENE PARRISH - NATIONAL ACCOUNTS SPECIALIST
WINGSTOP@SCHIERPRODUCTS.COM
PH: 913-951-3328

- CEILING**
- C1) CEILING: PAINTED, P6 (PAINT ALL ROOF STRUCTURE ELEMENTS AND EXPOSED CONDUITS)
 - C2) 2X4 LAY-IN CEILING TILES W/ PRELUDE PLUS GRID SYSTEM- CLEAN ROOM VL #870, COLOR: WHITE; OR APPROVED EQUAL
 - C3) GYP. BD. - PAINTED W7, P5, SMOOTH AND CLEANABLE
- PAINT SCHEDULE**
- P1) COLOR: CRAFTSMAN BROWN, COLOR NO: SW 2835, PROMAR 200 ZERO VOC SEMI-GLOSS
 - P2) COLOR: WINGSTOP BRICK RED, COLOR NO: CUSTOM, PROMAR 200 ZERO VOC SEMI-GLOSS
 - P3) COLOR: PAVILION BEIGE, COLOR NO: SW 7512, PROMAR 200 ZERO VOC SEMI-GLOSS
 - P4) COLOR: 2016 WINGSTOP GREEN, PROMAR 200 ZERO VOC SEMI-GLOSS
 - P5) COLOR: EXTRA WHITE, COLOR NO: SW 7006, PROMAR 200 ZERO VOC SEMI-GLOSS
 - P6) COLOR: CYBERSPACE, COLOR NO: SW 7076, SEMI-GLOSS FINISH
- ADDITIONAL MATERIAL FINISH NOTES:**
1. ALL FINISH MATERIALS TO COMPLY W/ THE FLAME SPREAD CLASSIFICATION RATING AS SPECIFIED IN THE BUILDING CODES INDICATED ON THE COVER SHEET, CS
- ADDITIONAL CONCRETE FLOOR FINISH NOTES:**
1. THE G.C. SHALL INSPECT THE EXIST. FLOOR PRIOR TO ANY INSTALLATION PROCEDURES & NOTIFY WINGSTOP OF ANY SERIOUS DEFECTS W/ THE EXIST. FLOOR THAT WOULD WARRANT THE INSTALLATION OF A FLOOR LEVELING COMPOUND. THE LEVELING COMPOUND SHALL BE NOTED AS AN ALTERNATE BID TO THE CONSTRUCTION CONTRACTOR.
 2. MECHANICALLY GRIND FLOOR & EDGES W/ 50-HYBRID DIAMONDS TO BEGIN PROCESS OF PROFILING THE CONC.
 3. CLEAN & PATCH FLOOR.
 4. MECHANICALLY GRIND FLOOR & EDGES W/ 100-HYBRID DIAMONDS TO BEGIN THE PROCESS OF PROFILING THE CONC.
 5. MASK OFF WALLS AND APPLY SCOFIELD FORMULA ONE LIQUID DYE CONCENTRATE TO FLOOR.
 6. APPLY SCOFIELD FORMULA ONE LITHIUM DENSIFIER TO FLOOR.
 7. MECHANICALLY GRIND FLOOR & EDGES W/ 400/800-HYBRID DIAMONDS TO BEGIN PROCESS OF POLISHING THE CONC.
 8. APPLY (1) ONE COAT OF SCOFIELD CONCRETE GUARD - BURNISH FLOOR W/ 1500 GRIT DIAMOND PADS.
 9. APPLY SECOND COAT OF SCOFIELD FORMULA ONE GUARD & BURNISH W/ 3000 GRIT DIAMOND PADS.
- ADDITIONAL QUARRY TILE FINISH NOTES:**
1. EDGE PROFILE @ QUARRY TILE - REFER TO DETAIL 5/A.5

REV. DATE 5/26/23 NO. 1

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WING STOP RESTAURANT
FOOTHILL SQUARE
10700 MACARTHUR BLVD. #2A
OAKLAND, CA 94605
STORE CL#P345

DWG DATE: 1/24/23

DRAWN BY: MSD

FINISHES

A.4

REV. DATE	NO.
5/26/23	1

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WING STOP RESTAURANT
 FOOTHILL SQUARE
 10700 MACARTHUR BLVD. #2A
 OAKLAND, CA 94605
 STORE CL#1345



DWG DATE:
1/24/23

DRAWN BY:
MSD

FINISH FLOOR PLAN
 A.5

CAL GREEN REQUIREMENTS

5.504.4 FINISH MATERIAL POLLUTANT CONTROL. Finish materials shall comply with Sections 5.504.4.1 through 5.504.4.6.

5.504.4.1 Adhesives, sealants and caulks. Adhesives, sealants, and caulks used on the project shall meet the requirements of the following standards:

1. Adhesives, adhesive bonding primers, adhesive primers, sealants, sealant primers and caulks shall comply with local or regional air pollution control or air quality management district rules where applicable, or SCAQMD Rule 1168 VOC limits, as shown in Tables 5.504.4.1 and 5.504.4.2. Such products also shall comply with the Rule 1168 prohibition on the use of certain toxic compounds (chloroform, ethylene dichloride, methylene chloride, perchloroethylene and trichloroethylene), except for aerosol products as specified in subsection 2, below.
2. Aerosol adhesives, and smaller unit sizes of adhesives, and sealant or caulking compounds (in units of product, less packaging, which do not weigh more than one pound and do not consist of more than 16 fluid ounces) shall comply with statewide VOC standards and other requirements, including prohibitions on use of certain toxic compounds, of California Code of Regulations, Title 17, commencing with Section 94507.

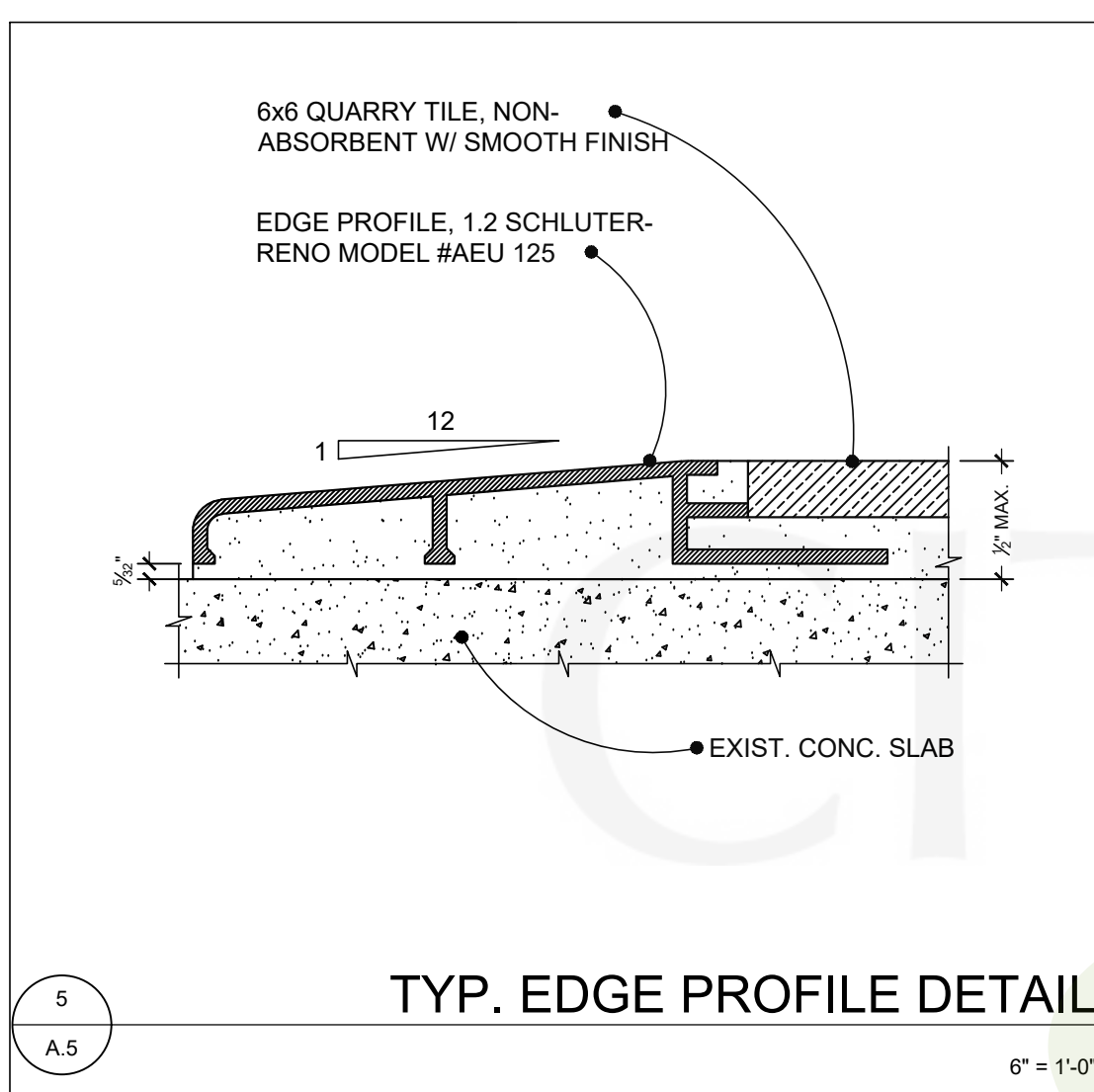
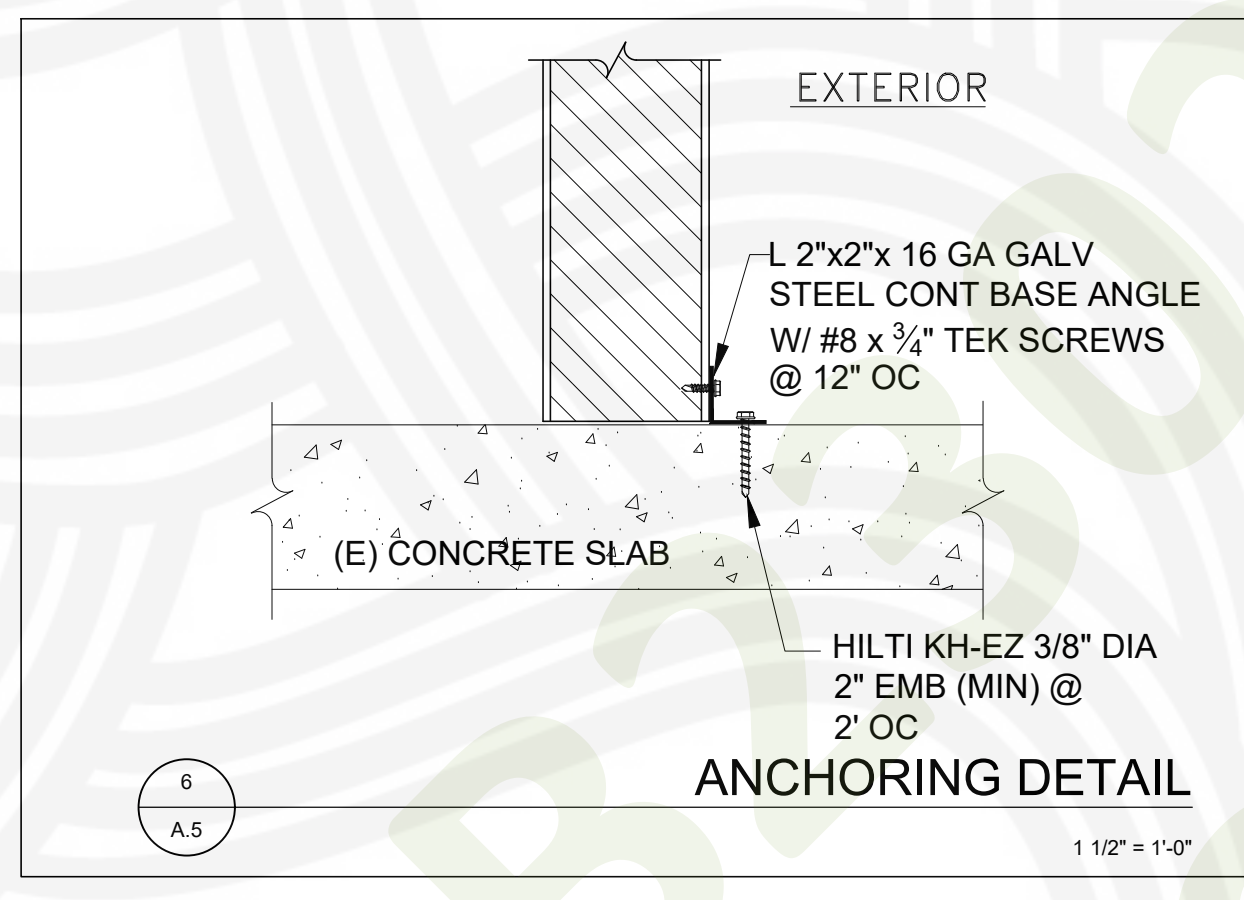
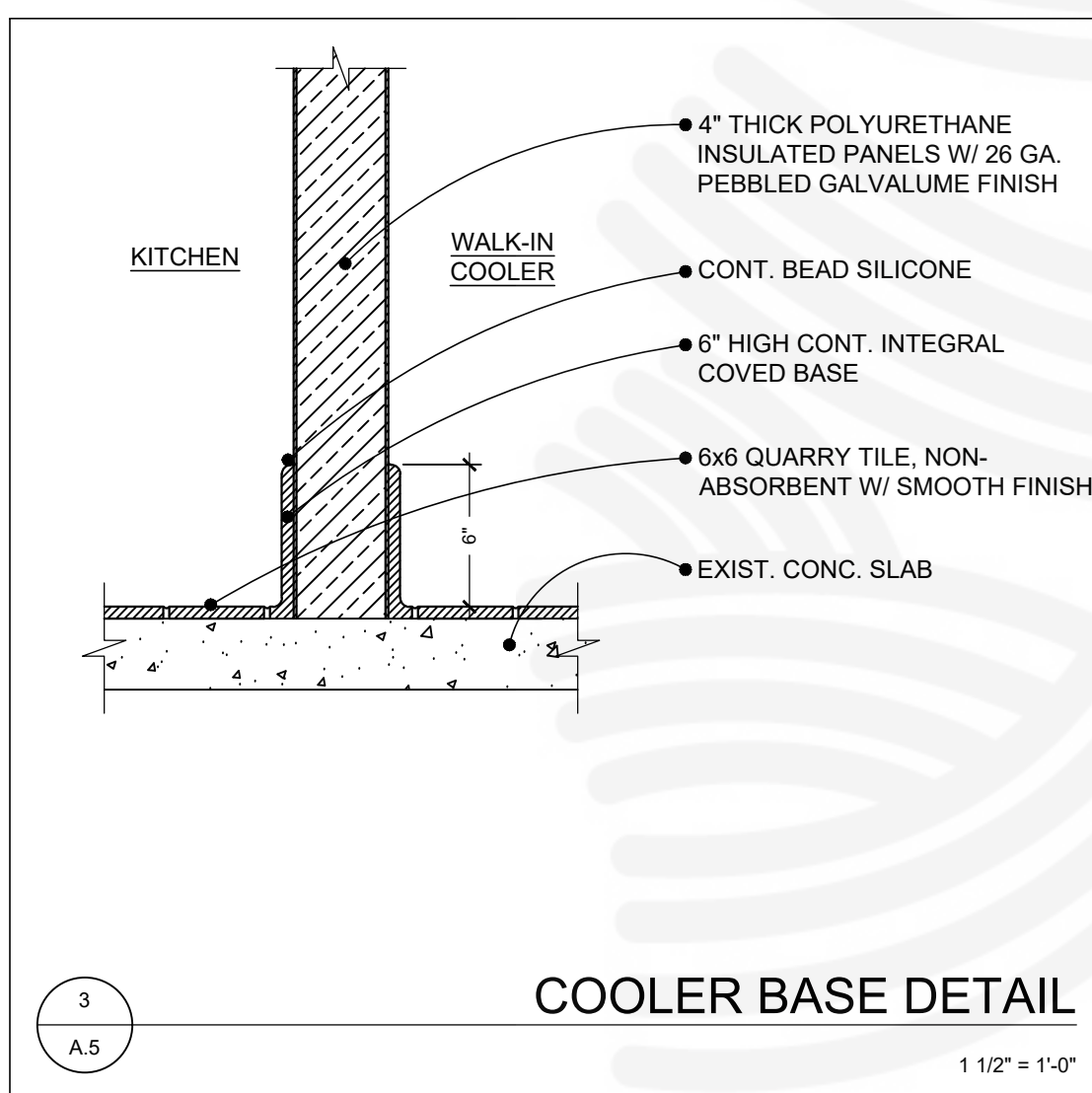
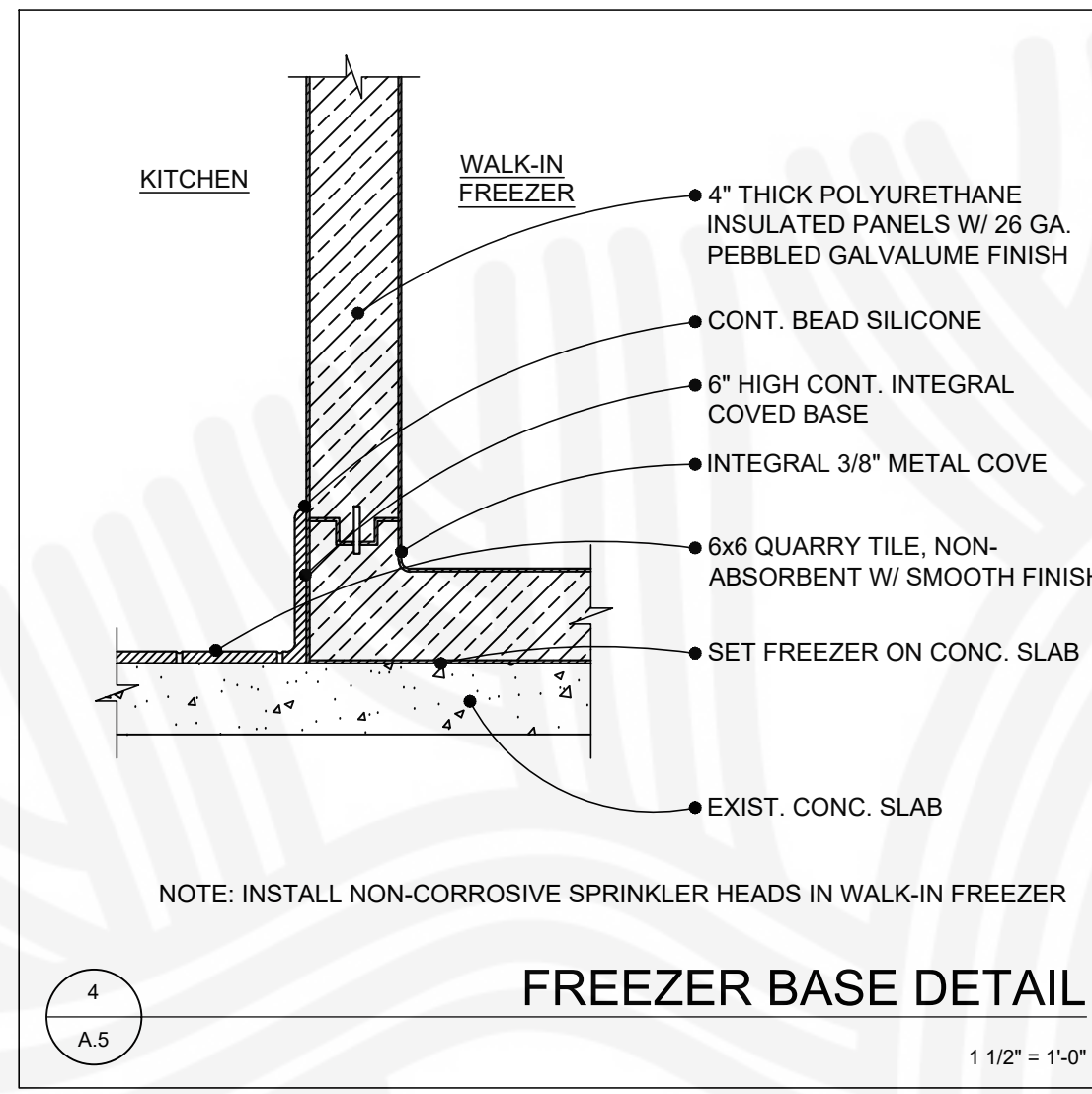
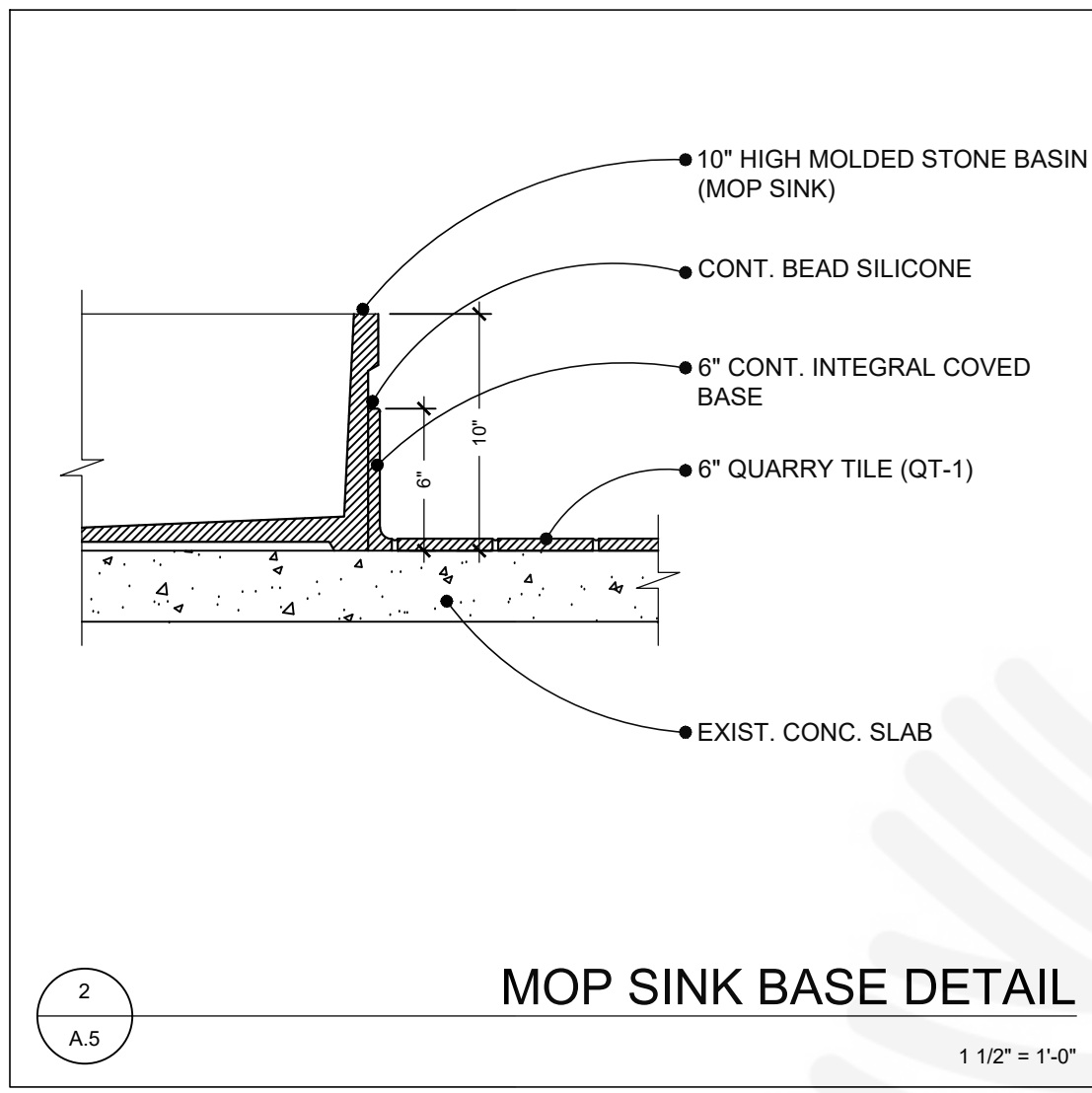
5.504.4.3 Paints and coatings. Architectural paints and coatings shall comply with VOC limits in the ARB Architectural Coatings Suggested Control Measure, as shown in Table 5.504.4.3, unless a more stringent local limits apply. The VOC content limit for coatings that do not meet the definitions of specialty coatings categories listed in Table 5.504.4.3 shall be determined by classifying the coating as a Flat, Nonflat, or Nonflat-High Gloss coating, based on its gloss, as defined in Subsections 4.21, 4.36 and 4.37 of the 2007 California Air Resources Board Suggested Control Measure, and the corresponding Flat, Nonflat, or Nonflat-High Gloss VOC limit in Table 5.504.4.3 shall apply.

5.504.4.3.1 Aerosol Paints and coatings. Aerosol paints and coatings shall meet the VOC and HAP limits in the ARB Architectural Coatings Suggested Control Measure, as shown in Table 5.504.4.3, unless a more stringent local limits apply. The VOC content limit for coatings that do not meet the definitions of specialty coatings categories listed in Table 5.504.4.3 shall be determined by classifying the coating as a Flat, Nonflat, or Nonflat-High Gloss coating, based on its gloss, as defined in Subsections 4.21, 4.36 and 4.37 of the 2007 California Air Resources Board Suggested Control Measure, and the corresponding Flat, Nonflat, or Nonflat-High Gloss VOC limit in Table 5.504.4.3 shall apply.

5.504.4.5 Composite wood products. Hardwood plywood, particleboard and medium density fiberboard composite wood products used on the interior or exterior of the buildings shall meet the requirements for formaldehyde as specified in ARB's Air Toxics Control Measure (ATCM) for Composite Wood (17 CCR 93120 et seq.). Those materials not exempted under the ATCM must meet the specified emission limits, as shown in Table 5.504.4.5.

5.504.4.5.3 Documentation. Verification of compliance with this section shall be provided as requested by the enforcing agency. Documentation shall include at least one of the following:

1. Product certifications and specifications.
2. Chain of custody certifications.
3. Product labeled and invoiced as meeting the Composite Wood Products regulation (see CCR, Title 17, Section 93120, et seq.).
4. Exterior grade products marked as meeting the PS-1 or PS-2 standards of the Engineered Wood Association, the Australian AS/NZS 2269 or European 636 3S standards.
5. Other methods acceptable to the enforcing agency.



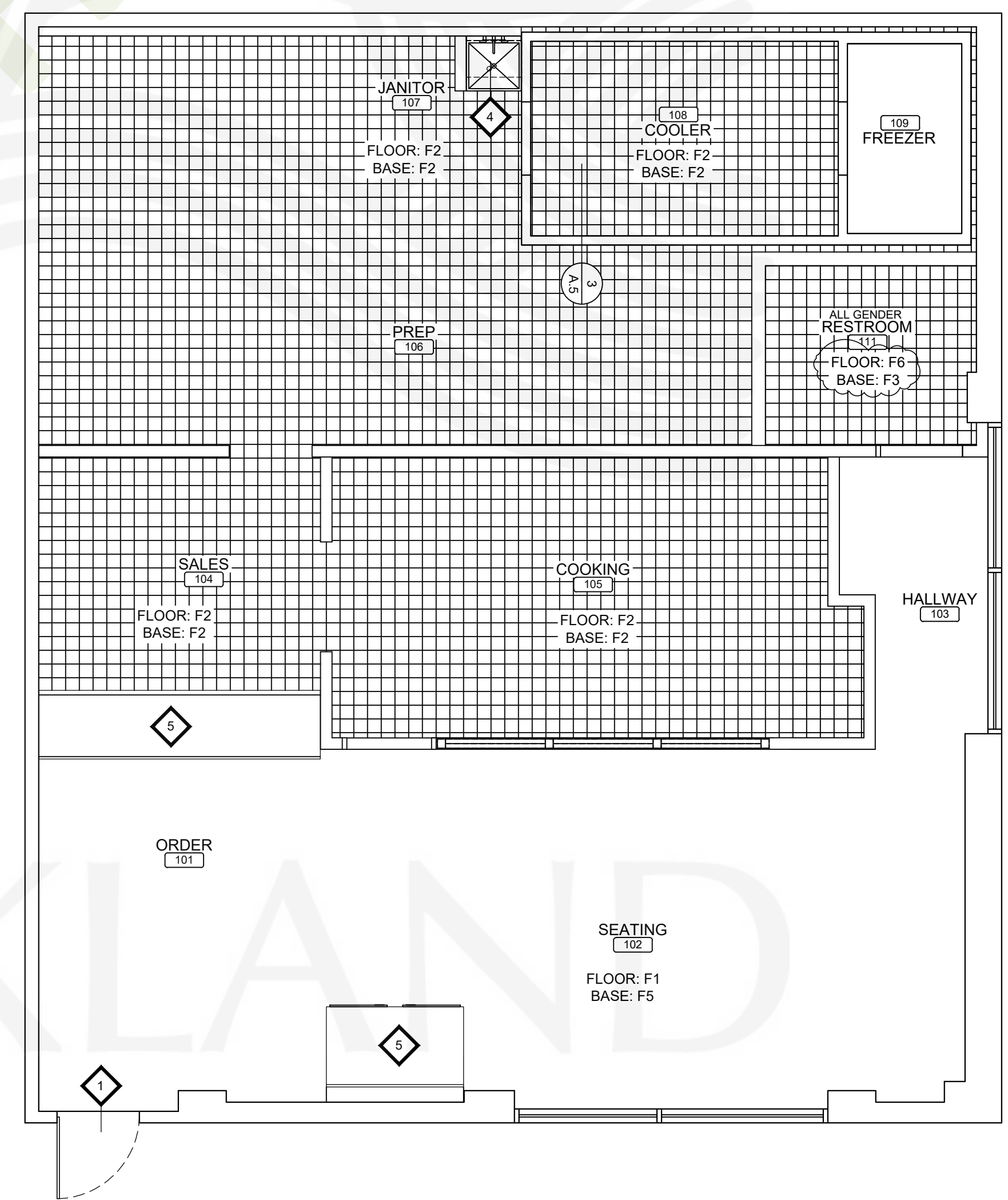
FINISH FLOOR PLAN NOTES

1. REFER TO FINISH SCHEDULE ON SHEET A.4 FOR FLOOR TYPES.
2. EDGE PROFILE AT QUARRY TILE - REFER TO DETAIL 5/A.5. SCHLUTER SYSTEMS: 1-800-472-4588
3. REFER TO PLUMBING DRAWINGS FOR ALL FLOOR SINK AND FLOOR DRAIN LOCATIONS - PREPARE AND INSTALL ALL FLOOR PENETRATIONS PER MANUFACTURER'S DETAILS - FIXTURES MUST BE CLAMPING-TYPE - USE APPROPRIATE WATERPROOF SEALANT AND FOAM BACKER TO SEAL SPACE AROUND PENETRATIONS.
4. PREPARE AND INSTALL ALL FLOOR PENETRATIONS PER MANUFACTURER'S DETAILS - FIXTURES MUST BE CLAMPING-TYPE - USE APPROPRIATE WATERPROOF SEALANT AND FOAM BACKER TO SEAL SPACE AROUND PENETRATIONS.

FINISH FLOOR PLAN LEGEND

- ① ALUMINUM EDGE PROFILE (TYP.) - REFER TO DETAIL 5/A.5
- ② NO QUARRY TILE BELOW FREEZER - COORDINATE EXACT LOCATION WITH MANUFACTURER'S SHOP DRAWINGS
- ③ EXISTING CONCRETE - PROVIDE FLOOR DYE AND SEAL - REFER TO ADDITIONAL FLOOR FINISH NOTES ON THE FINISH SCHEDULE ON SHEET A.4 FOR SUGGESTED FLOOR PREPARATION OF SEATING AREA
- ④ 10" HIGH MOLDED STONE BASIN AROUND MOP SINK - REFER TO DETAIL 2/A.5
- ⑤ SET ALL MILLWORK PRIOR TO COMPLETING Q.T. FLOORING

NOTE:
 REFER TO CS FOR GENERAL NOTES
 AND NOTES TO BIDDERS



FINISH FLOOR PLAN
 1/4" = 1'-0"

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 CITY OF OAKLAND
 BUILDING SERVICES
 PLAN CHECK SECTION
 For Substantial Compliance With Codes and Ordinances
REVISIONS NEED APPROVAL
 By: *Tina Xie* tie@oaklandca.gov
 BUILDING CODE
 Subject to CBC Sections 105.4, 107.3 and CRC R105.4 and R106.3
 SURVEY (REVIEW ONLY)
 PLOT PLAN REVIEW
 PARKING/DRIVEWAY LAYOUT
 GRADING & EROSION CONTROL
 SOILS REPORT ON FILE
 ELEC/MECH/PLUMB NOT CHECKED
 Date: 07/21/2023

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5/26/23		1

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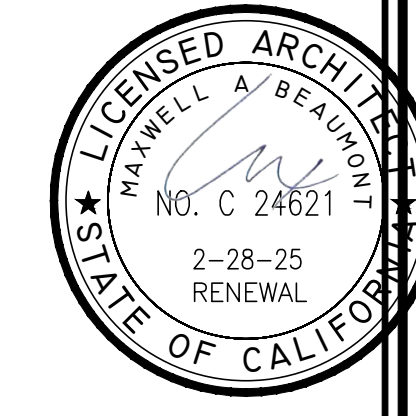
WING STOP RESTAURANT
 FOOTHILL SQUARE
 10700 MACARTHUR BLVD. #2A
 OAKLAND, CA 94605
 STORE 01#3345

DWG DATE:
1/24/23

DRAWN BY:
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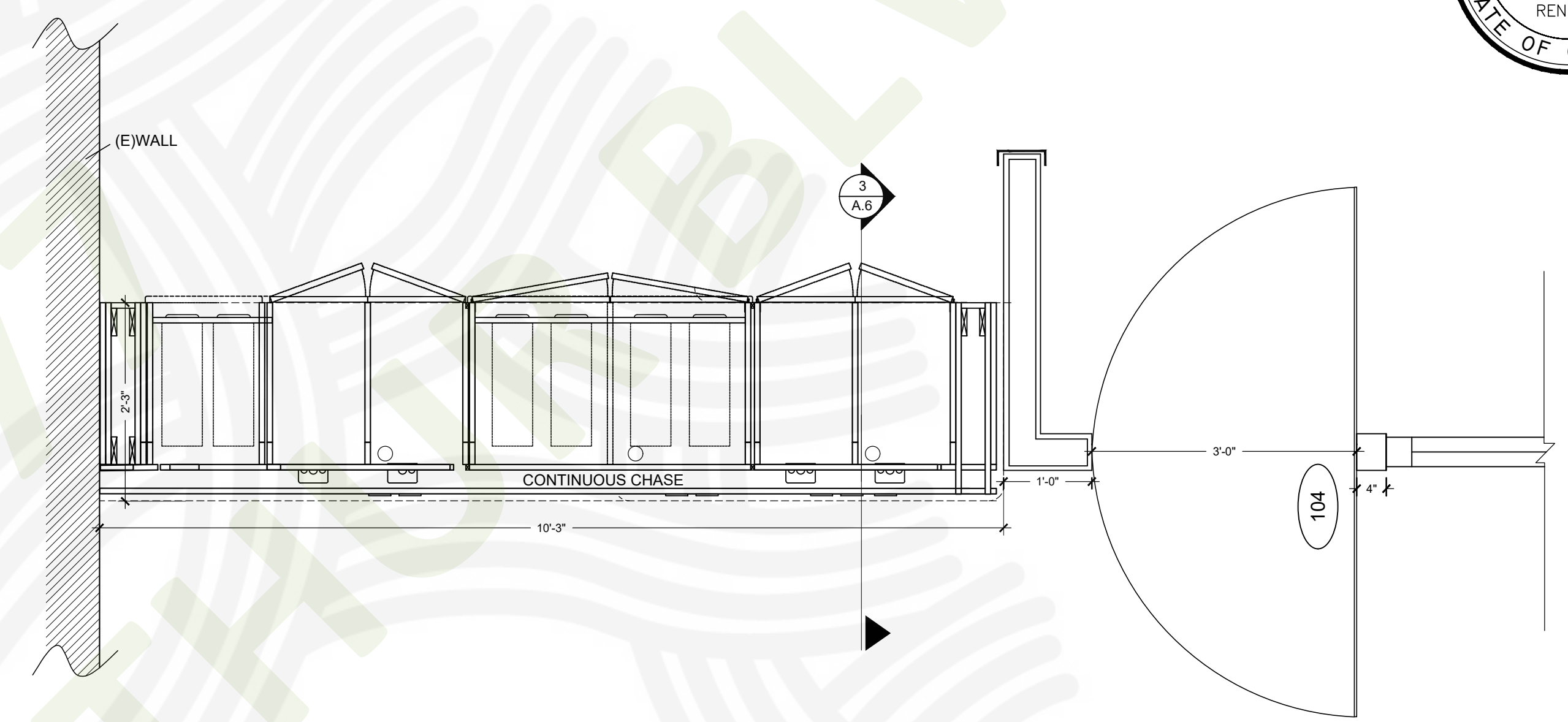
COUNTERS

A.6



SALES COUNTER NOTES

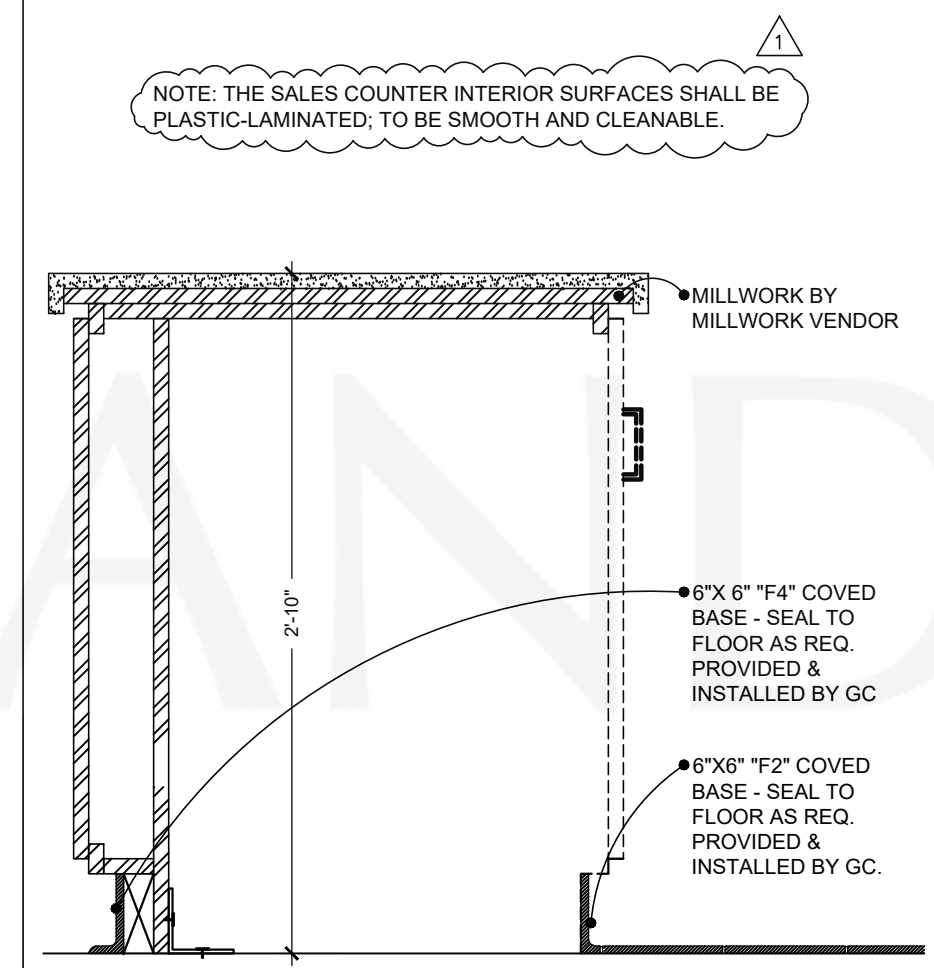
1. REFER TO MANUFACTURER'S CUT-SHEETS FOR ALL EQUIPMENT PRIOR TO ANY CUT-OUTS FOR DATA, ELECTRICAL, SODA LINES, RECESSED CUP HOLDERS, OR ANY OTHER APPLICABLE ITEMS.
2. MILLWORK S.S. & SOLID SURFACE WILL BE PART OF THE MILLWORK FIXTURE PACKAGE BY EQUIP VENDOR, GC TO ASSEMBLE, SEAM COUNTER TOP AND INSTALL.



1
A.6
SALES COUNTER PLAN
3/4" = 1'-0"

SALES COUNTER NOTES

1. REFER TO MANUFACTURER'S CUT-SHEETS FOR ALL EQUIPMENT PRIOR TO ANY CUT-OUTS FOR DATA, ELECTRICAL, SODA LINES, RECESSED CUP HOLDERS, OR ANY OTHER APPLICABLE ITEMS.
2. MILLWORK S.S. & SOLID SURFACE WILL BE PART OF THE MILLWORK FIXTURE PACKAGE BY EQUIP VENDOR, GC TO ASSEMBLE, SEAM COUNTER TOP AND INSTALL.



3
A.6
SALES CTR. SECTION (OPENING)
1 1/2" = 1'-0"

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 For Substantial Compliance With Codes and Ordinances

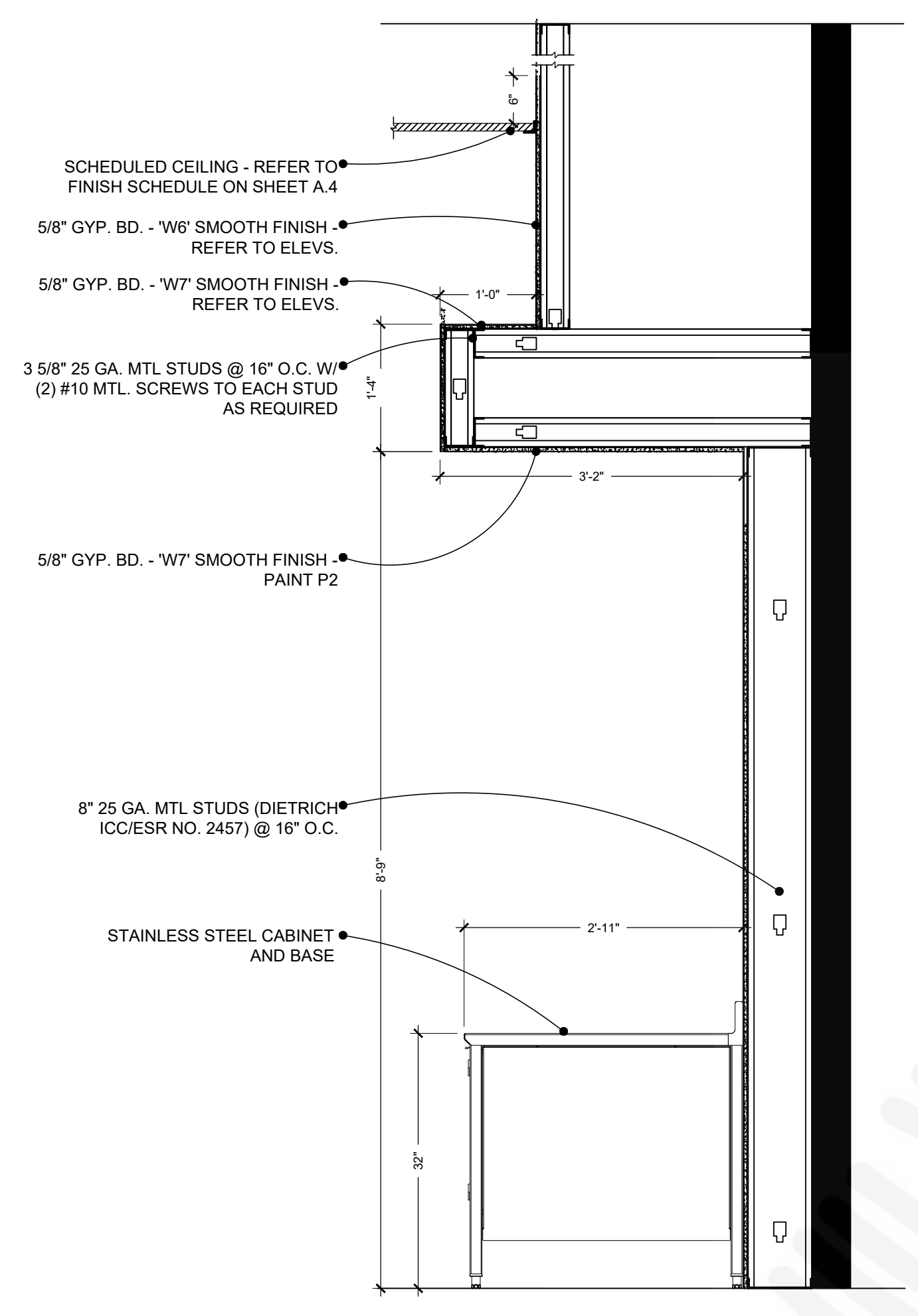
REVISIONS NEED APPROVAL
 By: **Tina Xie** tie@oaklandca.gov

- BUILDING CODE
- Subject to CBC Sections 105.4, 107.3 and CRC R105.4 and R106.3
- SURVEY (REVIEW ONLY)
- PLOT PLAN REVIEW
- PARKING/DRIVEWAY LAYOUT
- GRADING & EROSION CONTROL
- SOILS REPORT ON FILE

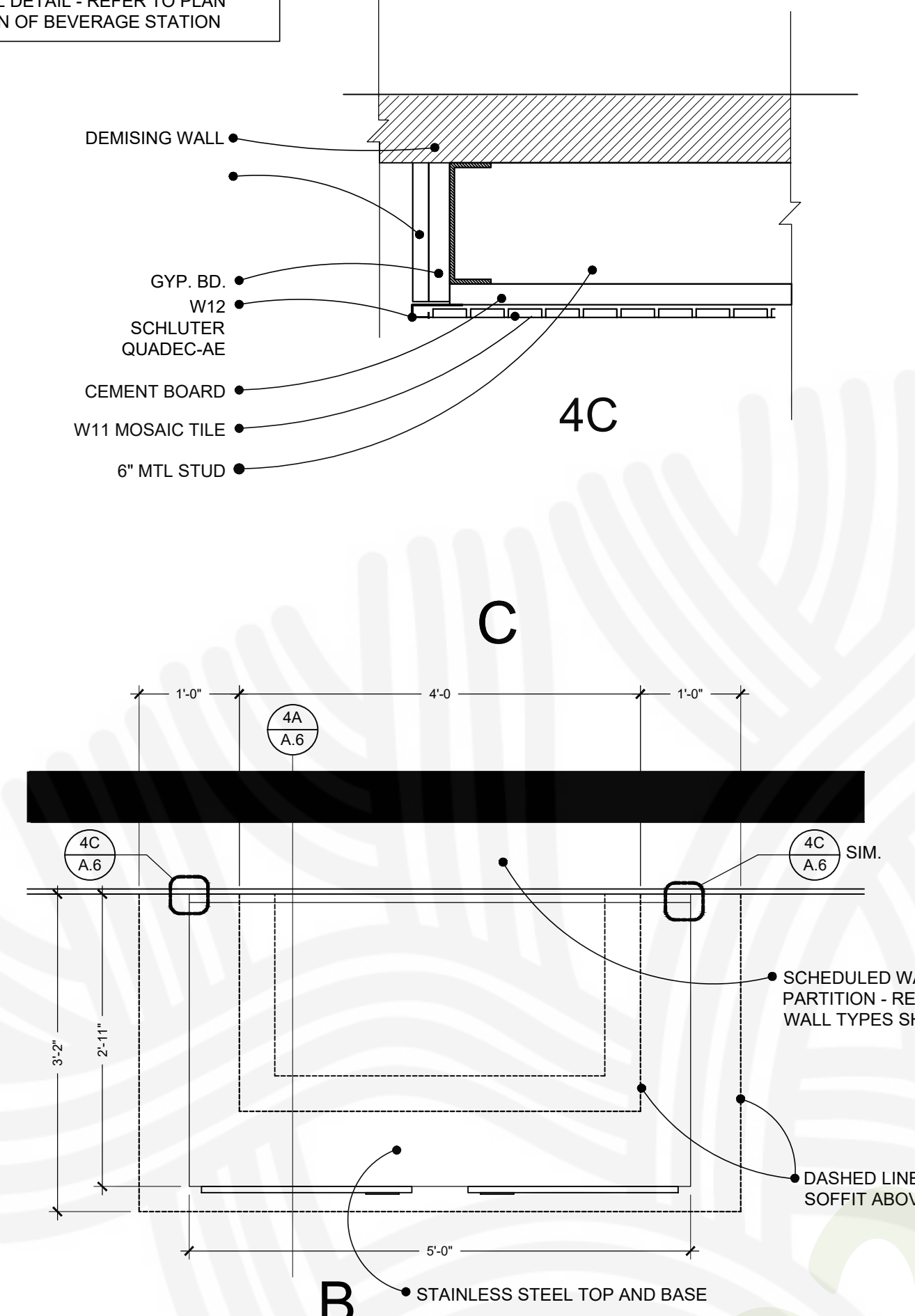
ELEC/MECH/PLUMB NOT CHECKED
 Date: 07/21/2023

NOT USED
 2
 A.6
 1 1/2" = 1'-0"

NOTE:
 THIS IS A TYPICAL DETAIL - REFER TO PLAN FOR ORIENTATION OF BEVERAGE STATION

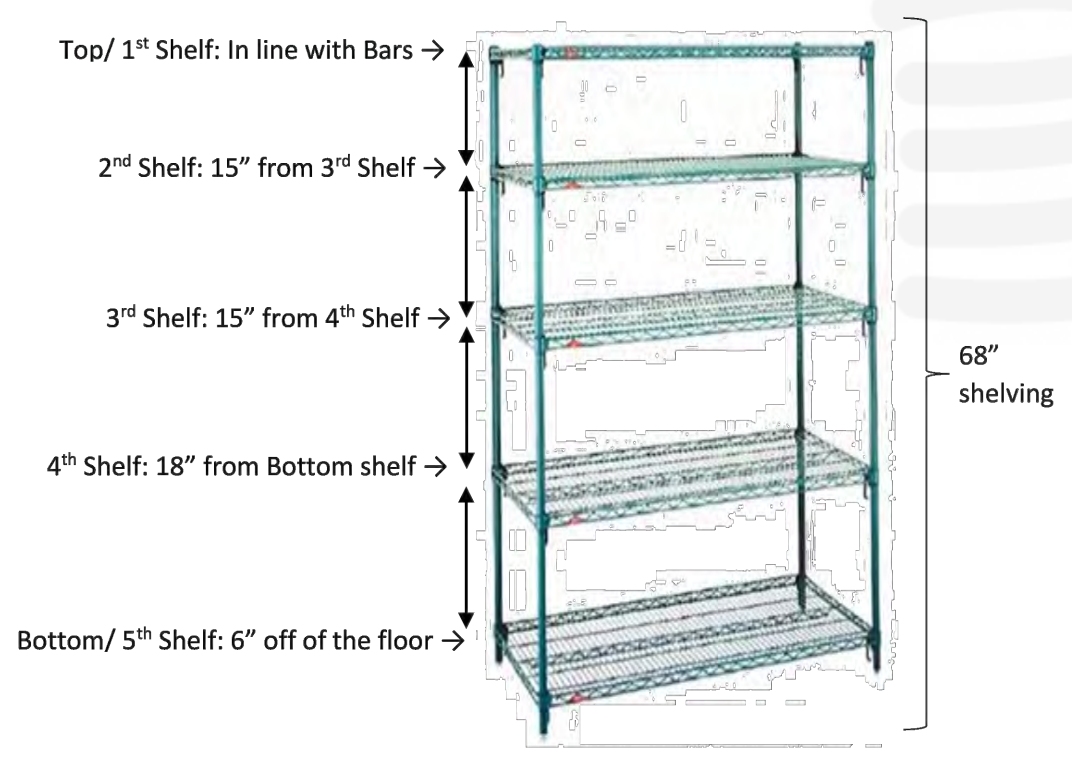


4A
A.6
TYP. BEVERAGE STATION ELEVATION
3/4" = 1'-0"



4B
A.6
TYP. BEVERAGE STATION PLAN VIEW
3/4" = 1'-0"

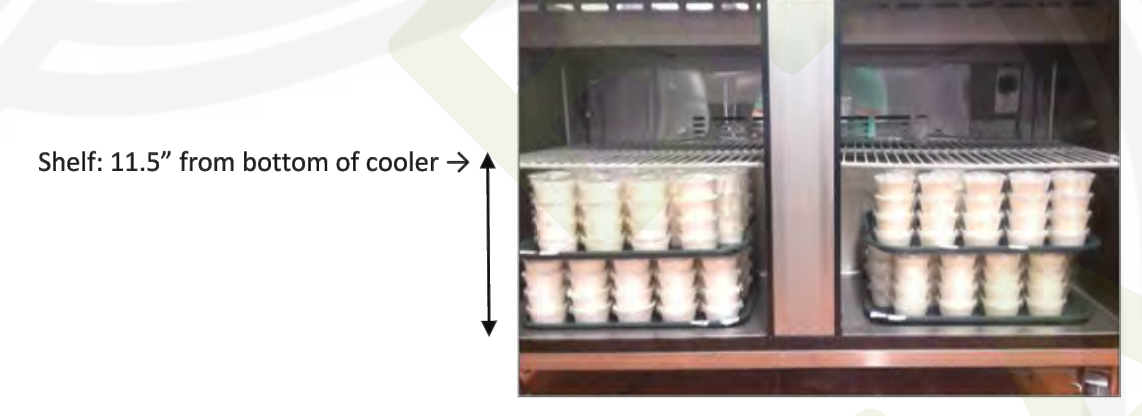
OPENING REFERENCE GUIDE - Restaurant Set Up
METRO SHELVING



SHELVING - VISI COOLER



OPENING REFERENCE GUIDE - Restaurant Set Up
SHELVING - SANDWICH COOLER AND CHICKEN FREEZER



SHELVING - CHICKEN COOLER



SHELVING - "S" HOOKS

- Thin 1" to 2" S hooks are the best.
- Placing them on the shelving racks is a helpful tool to hang smallwares like measuring cups or spatulas.
- Above the prep sink you can place a 2" S hook to hold the blanching drain buckets.
- Make sure they are clamped at the top on the shelving so they do not fall off.



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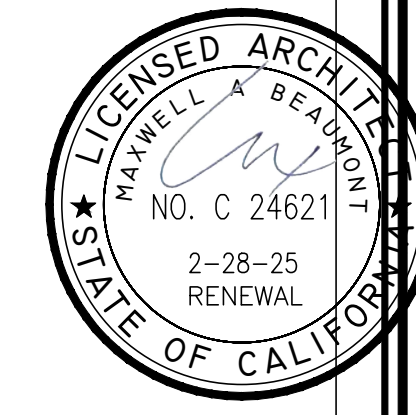
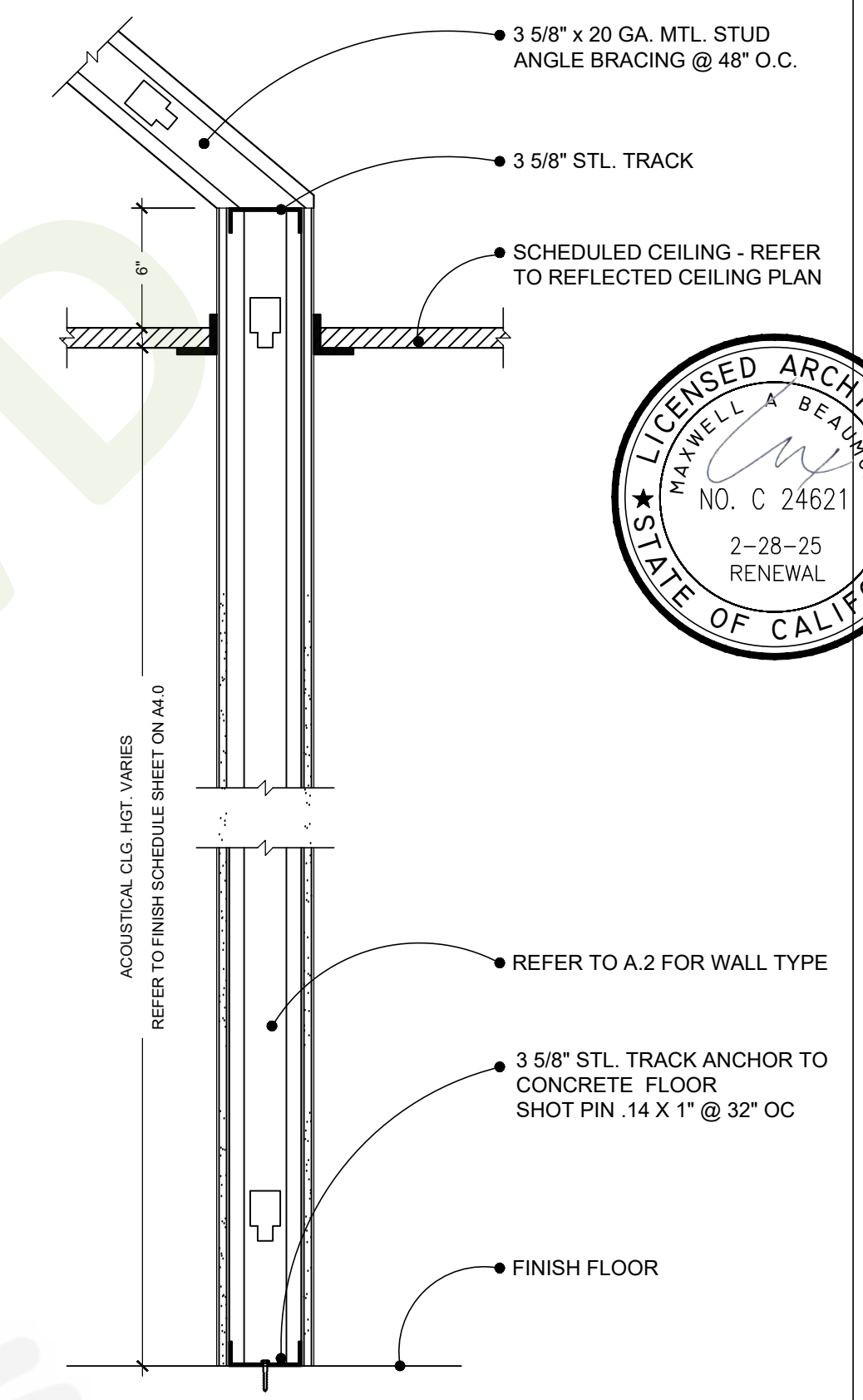
WING STOP RESTAURANT
 FOOTHILL SQUARE
 10700 MACARTHUR BLVD. #2A
 OAKLAND, CA 94605
 STORE GL#7345



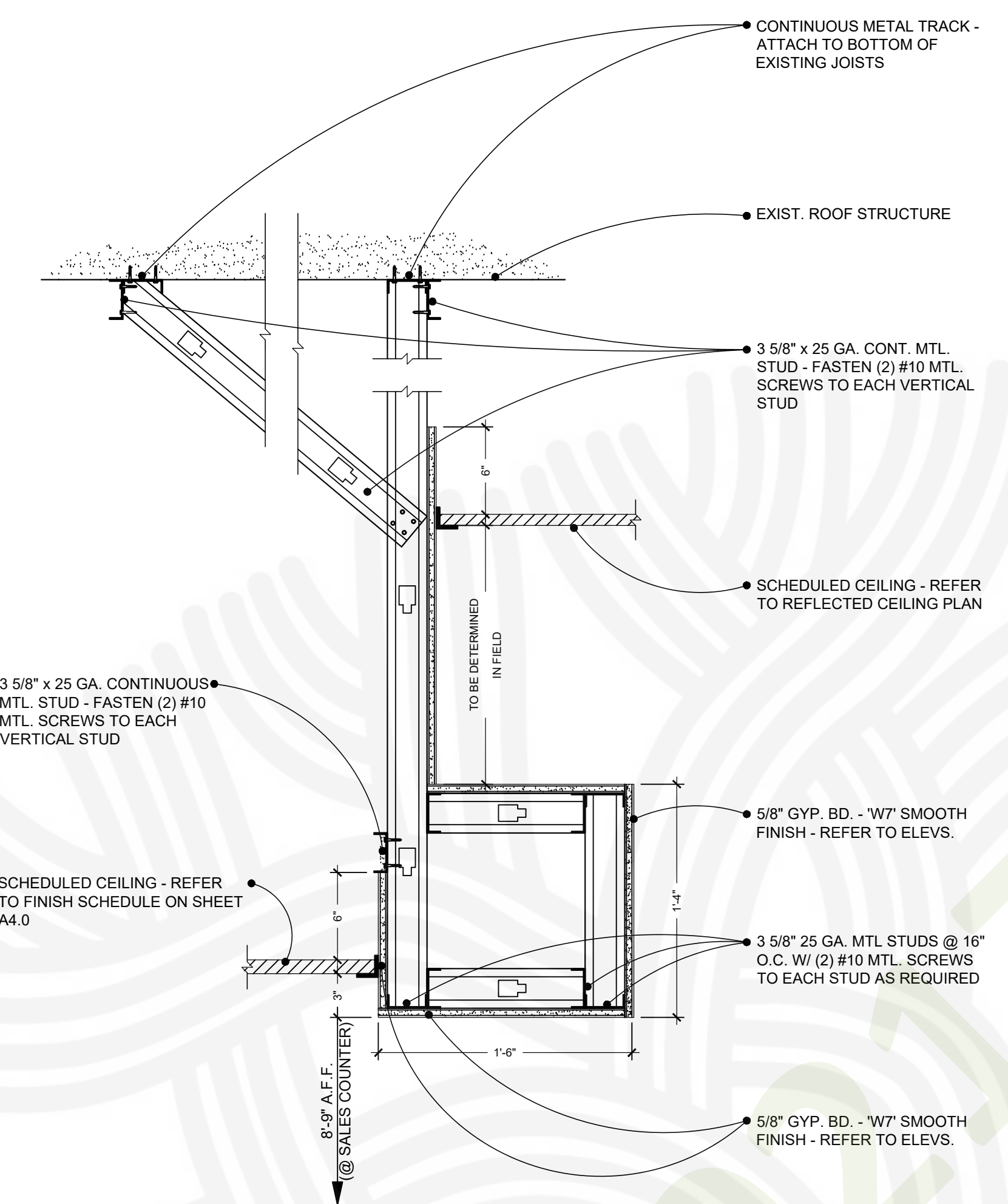
DWG DATE:
 1/24/23
 DRAWN BY:
 MSD

WALL DETAILS

A.7

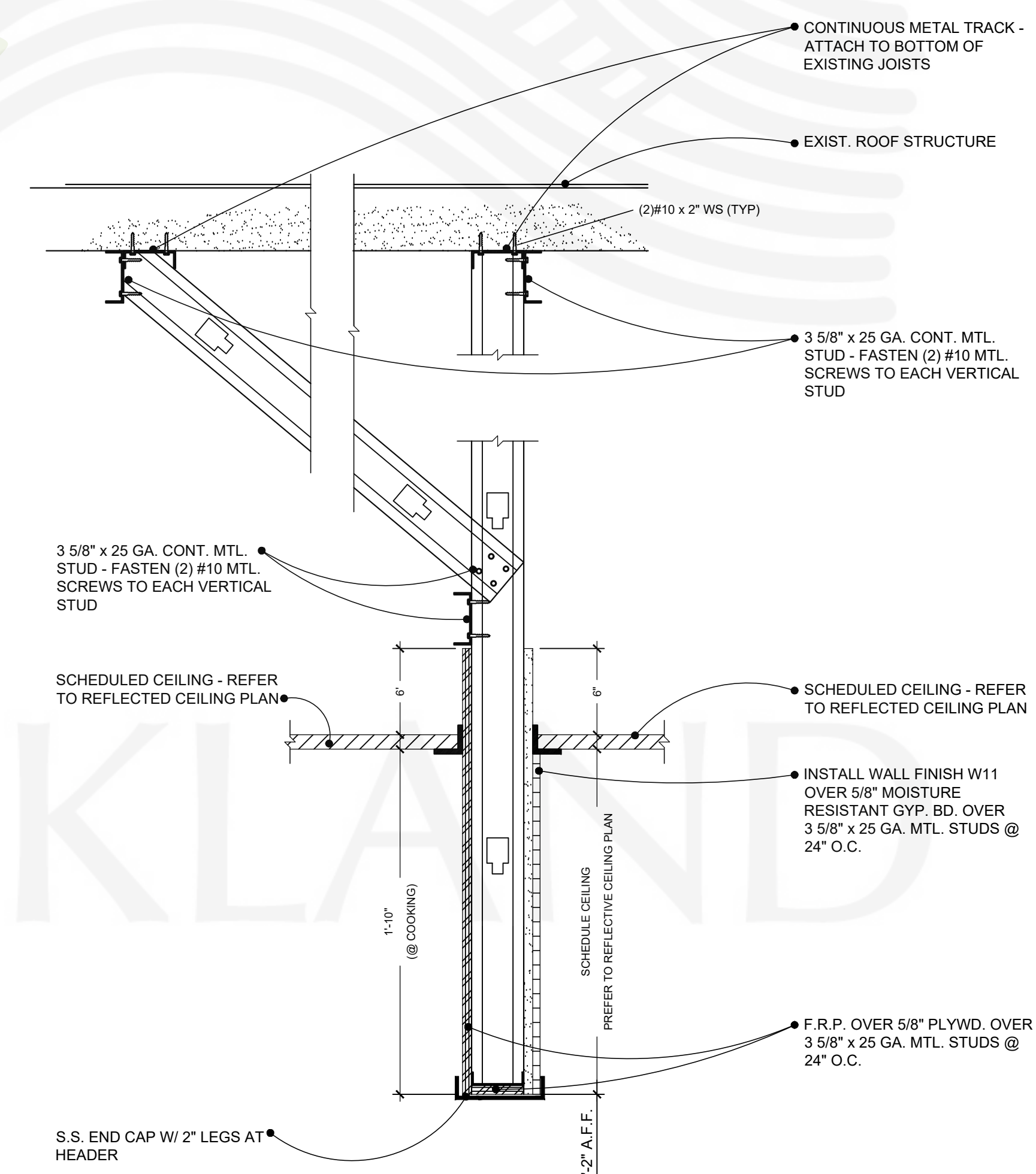


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REVISIONS NEED APPROVAL
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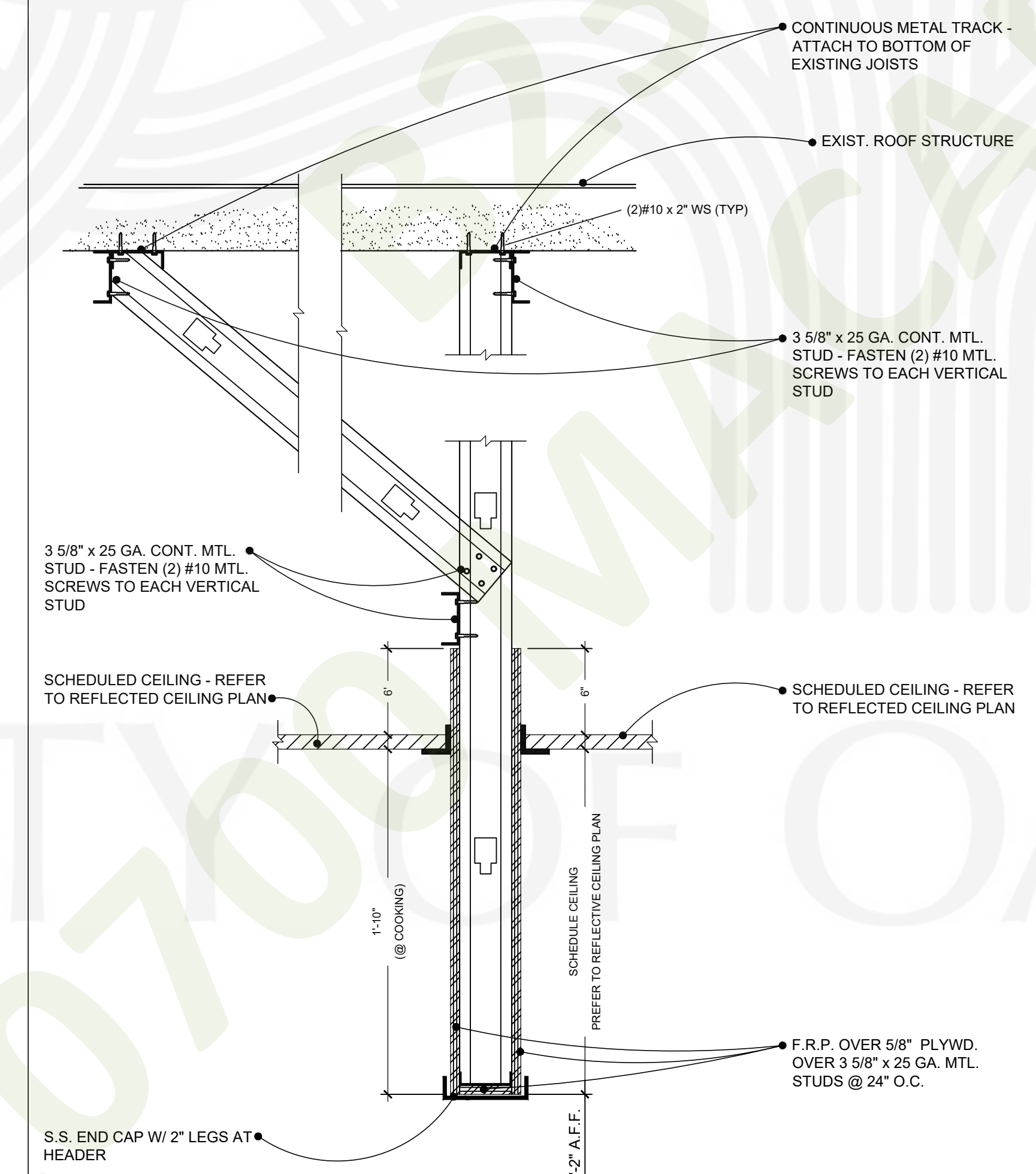


NOT USED
 1 1/2" = 1'-0"

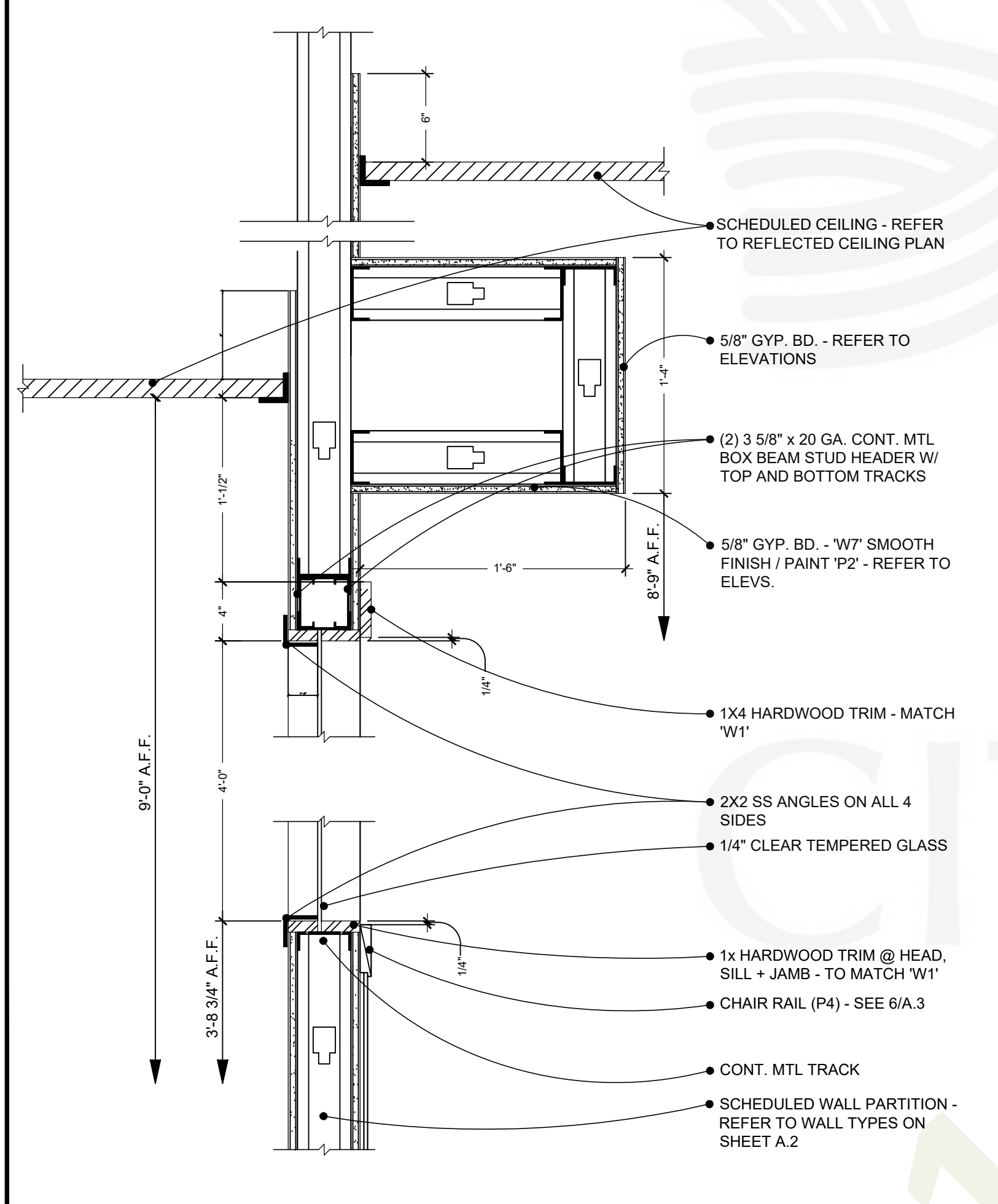
4
 A.7
 TYP. SOFFIT @ SALES COUNTER
 1 1/2" = 1'-0"



2
 A.7
 TYPICAL FURR DOWN @ SALES
 1 1/2" = 1'-0"



5
 A.7
 TYPICAL FURR DOWN @ KITCHEN
 1 1/2" = 1'-0"

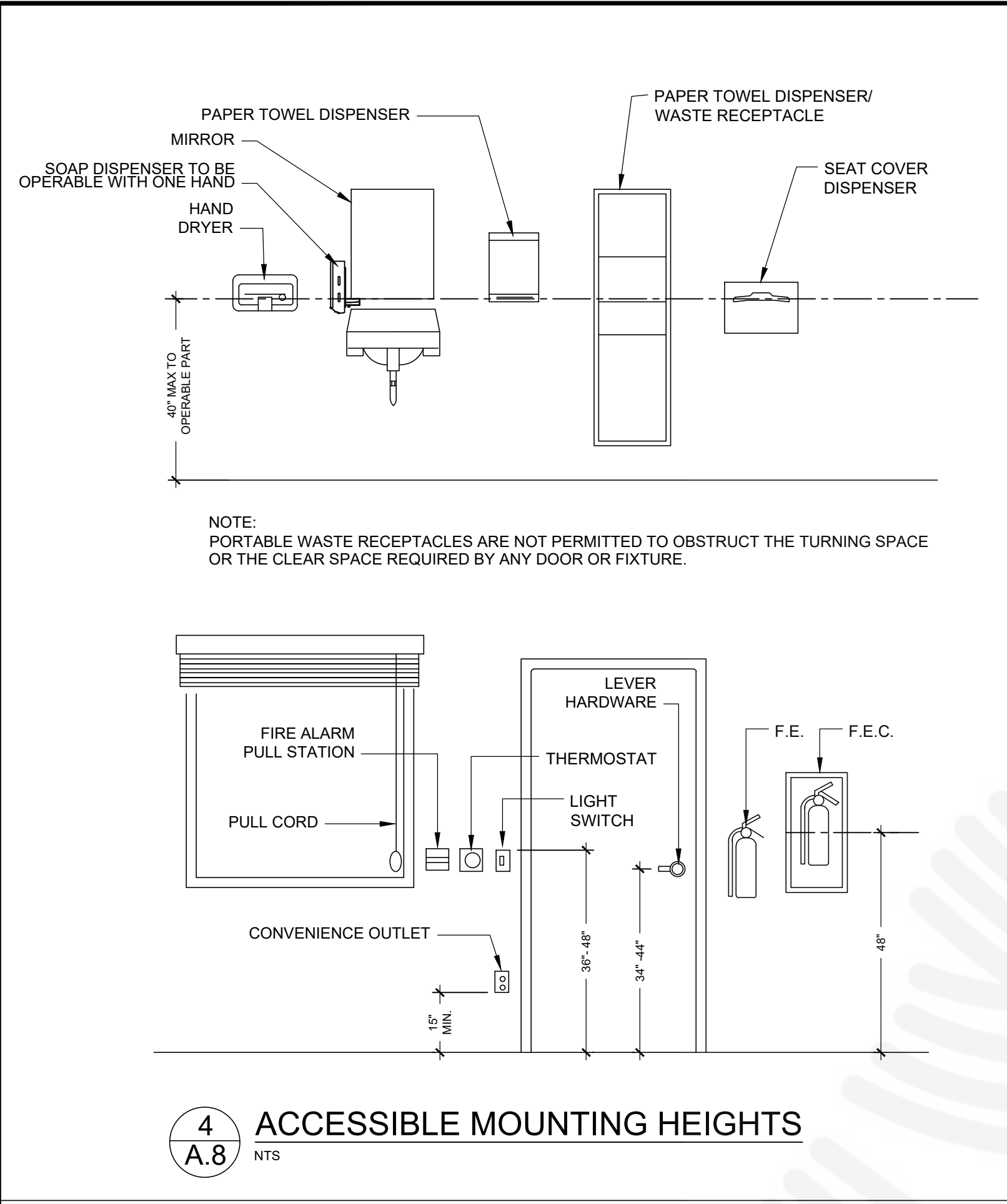


7
 A.7
 TYP. SECTION @ VIEWING WINDOW
 1-1/2" = 1'-0"

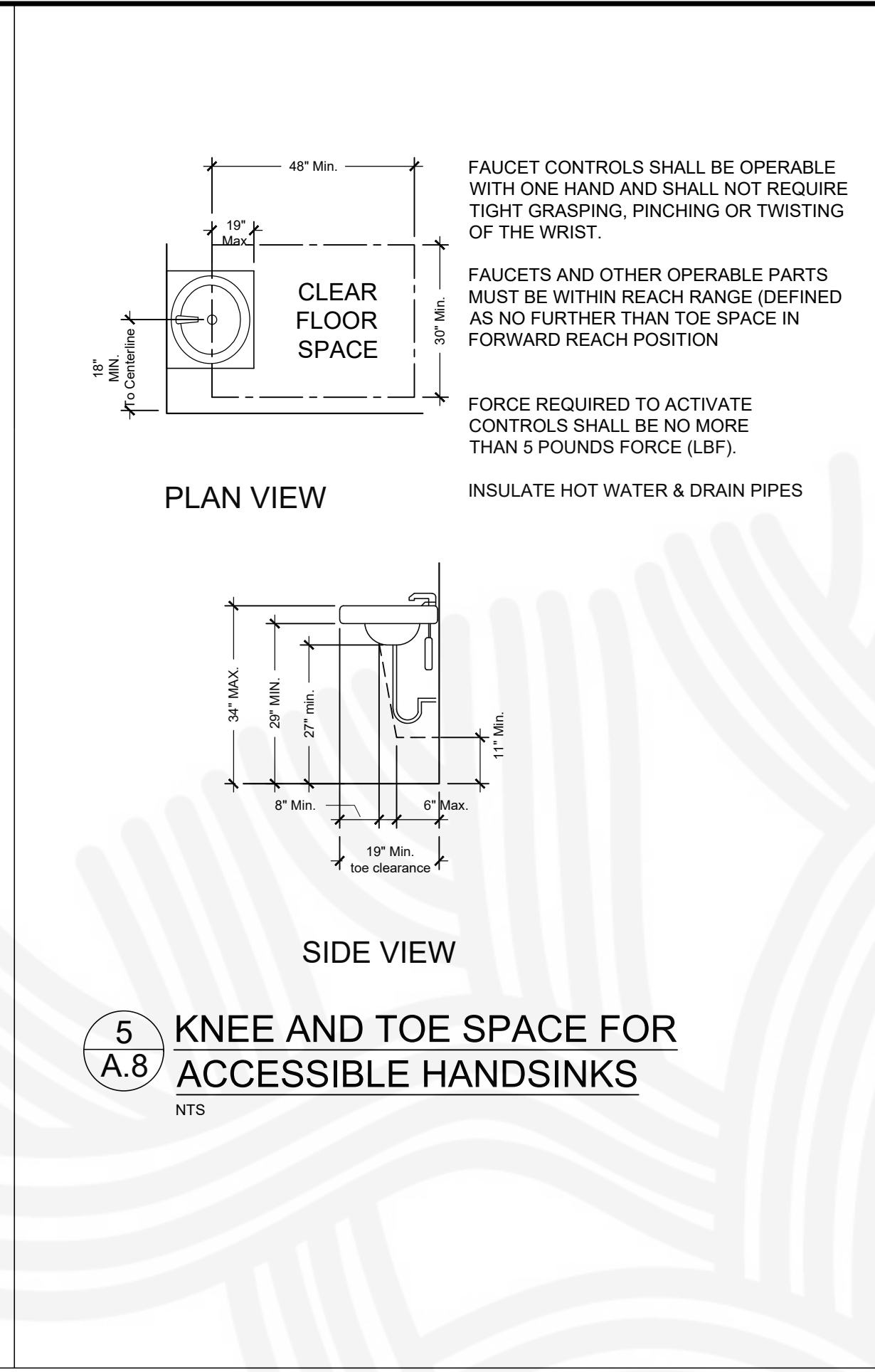
6
 A.7

3
 A.7

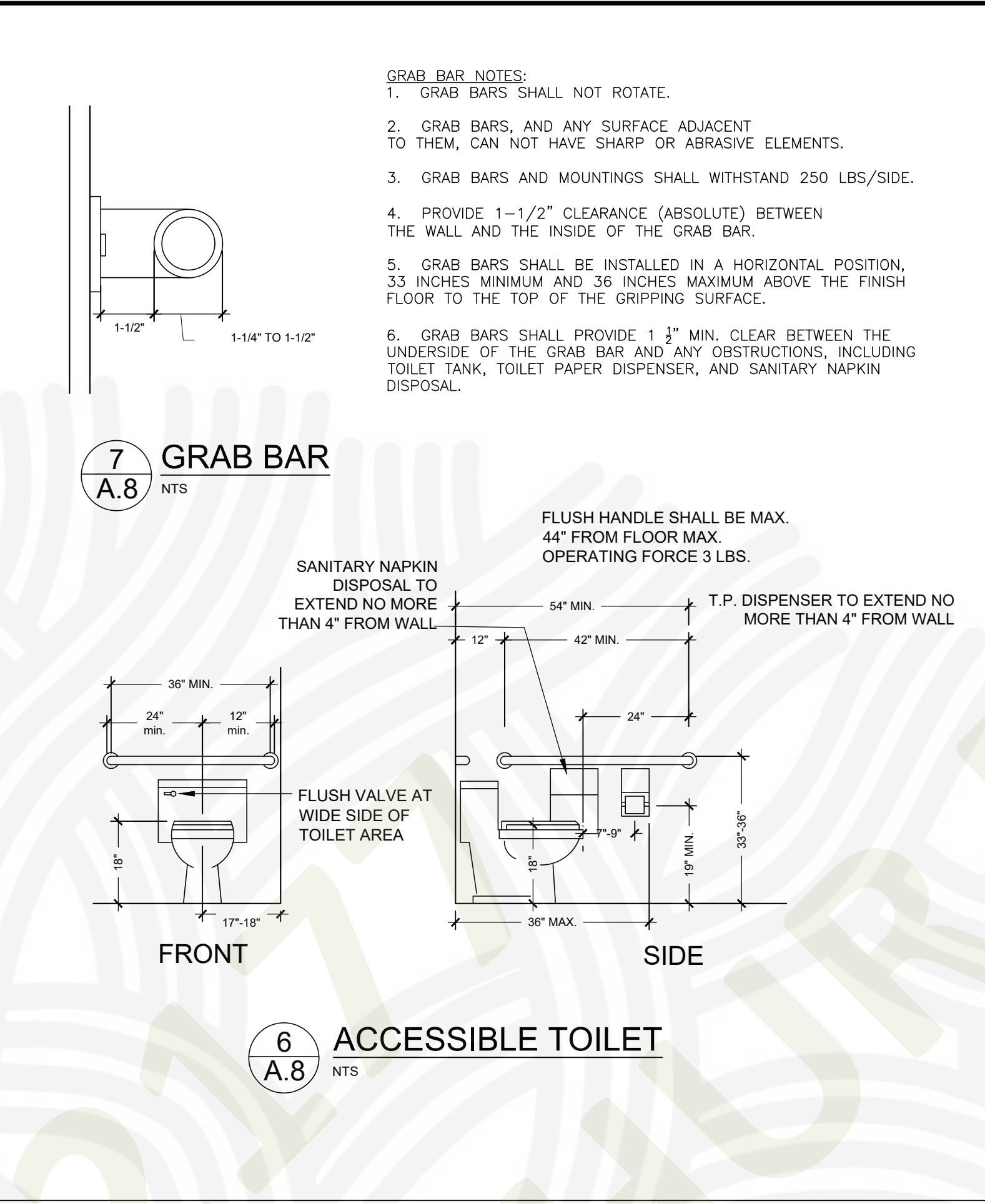
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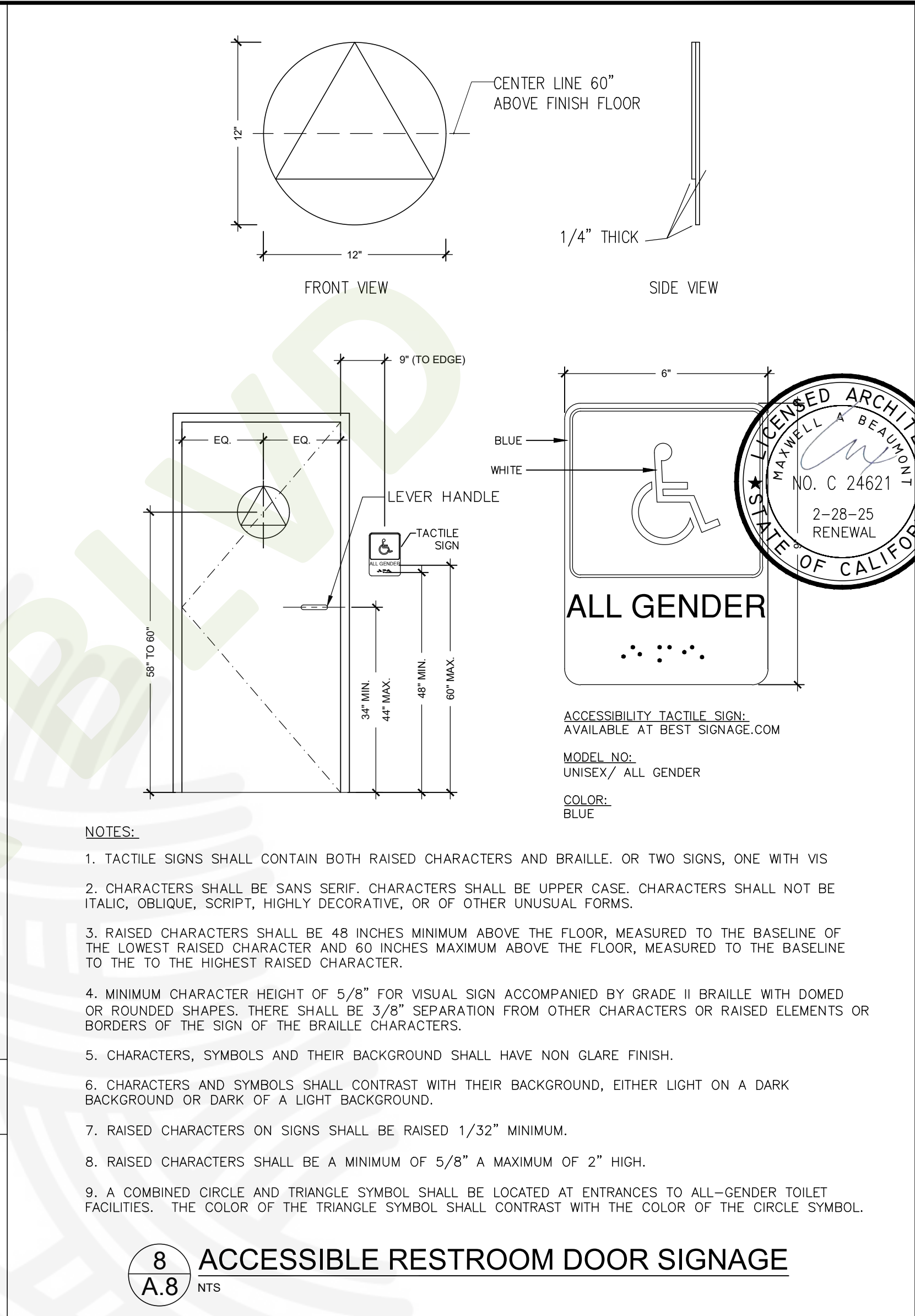
4 ACCESSIBLE MOUNTING HEIGHTS
NTS



5 KNEE AND TOE SPACE FOR ACCESSIBLE HANDSINKS
NTS



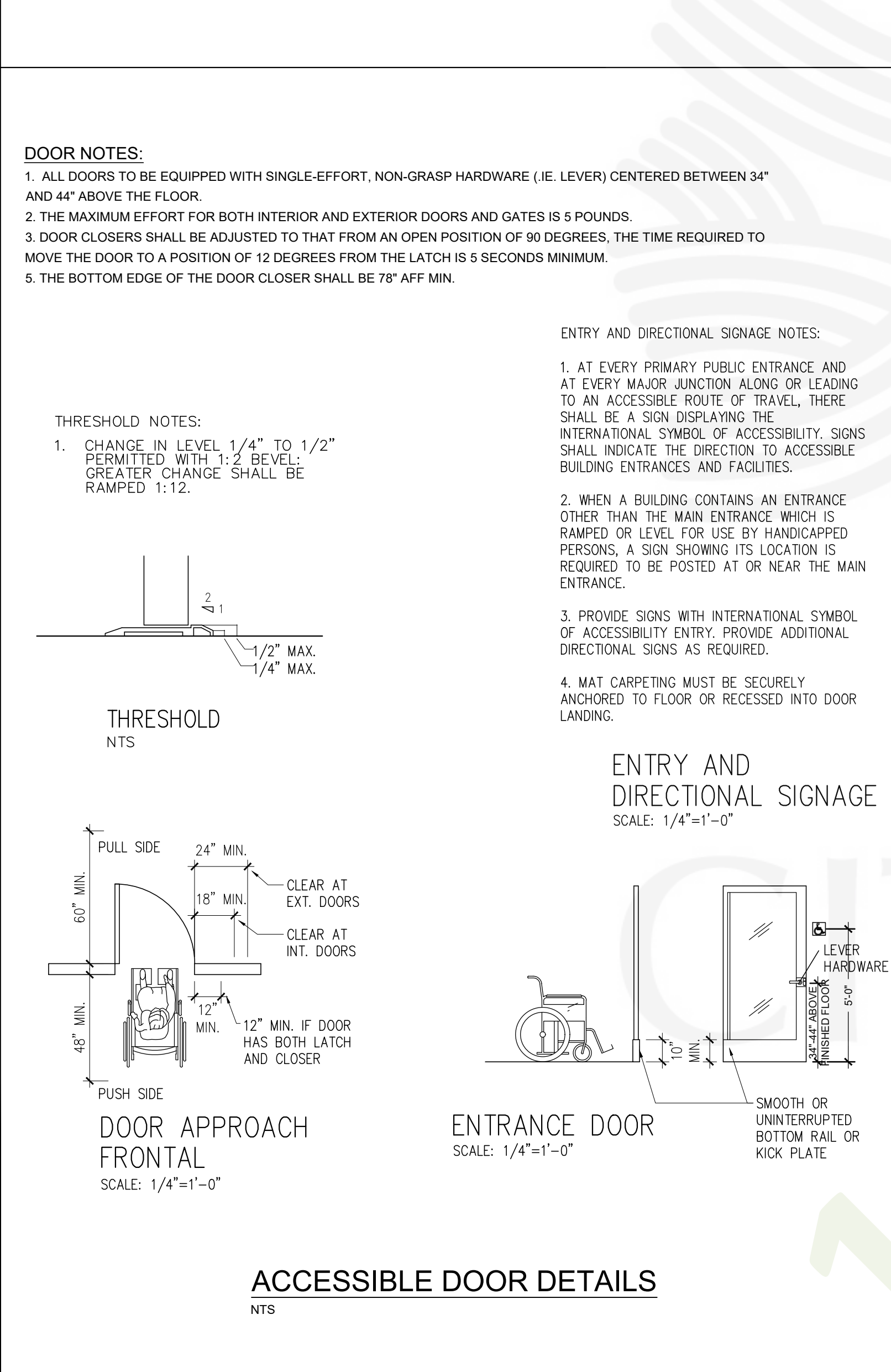
6 ACCESSIBLE TOILET
NTS



7 GRAB BAR
NTS

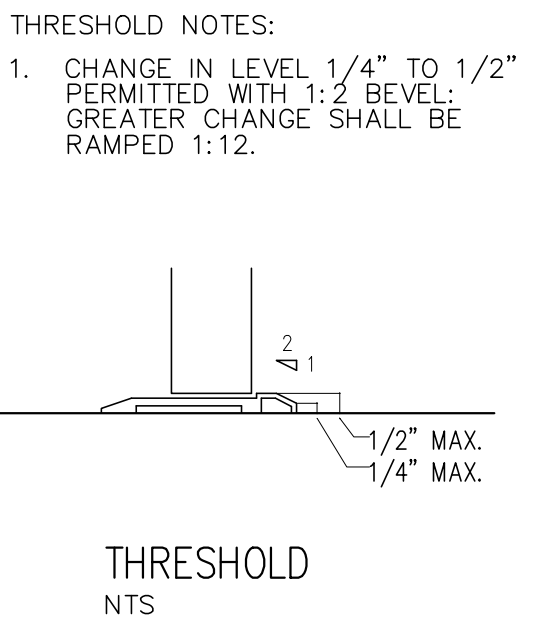
- GRAB BAR NOTES:**
- GRAB BARS SHALL NOT ROTATE.
 - GRAB BARS, AND ANY SURFACE ADJACENT TO THEM, CAN NOT HAVE SHARP OR ABRASIVE ELEMENTS.
 - GRAB BARS AND MOUNTINGS SHALL WITHSTAND 250 LBS./SIDE.
 - PROVIDE 1-1/2" CLEARANCE (ABSOLUTE) BETWEEN THE WALL AND THE INSIDE OF THE GRAB BAR.
 - GRAB BARS SHALL BE INSTALLED IN A HORIZONTAL POSITION, 33 INCHES MINIMUM AND 36 INCHES MAXIMUM ABOVE THE FINISH FLOOR TO THE TOP OF THE GRIPPING SURFACE.
 - GRAB BARS SHALL PROVIDE 1 3/4" MIN. CLEAR BETWEEN THE UNDERSIDE OF THE GRAB BAR AND ANY OBSTRUCTIONS, INCLUDING TOILET TANK, TOILET PAPER DISPENSER, AND SANITARY NAPKIN DISPOSAL.

8 ACCESSIBLE RESTROOM DOOR SIGNAGE
NTS

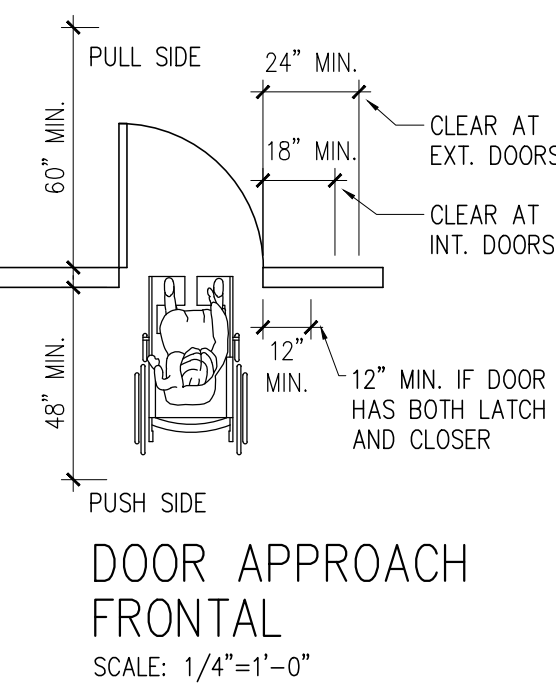


- DOOR NOTES:**
- ALL DOORS TO BE EQUIPPED WITH SINGLE-EFFORT, NON-GRASP HARDWARE (I.E. LEVER) CENTERED BETWEEN 34" AND 44" ABOVE THE FLOOR.
 - THE MAXIMUM EFFORT FOR BOTH INTERIOR AND EXTERIOR DOORS AND GATES IS 5 POUNDS.
 - DOOR CLOSERS SHALL BE ADJUSTED TO THAT FROM AN OPEN POSITION OF 90 DEGREES, THE TIME REQUIRED TO MOVE THE DOOR TO A POSITION OF 12 DEGREES FROM THE LATCH IS 5 SECONDS MINIMUM.
 - THE BOTTOM EDGE OF THE DOOR CLOSER SHALL BE 78" AFF MIN.

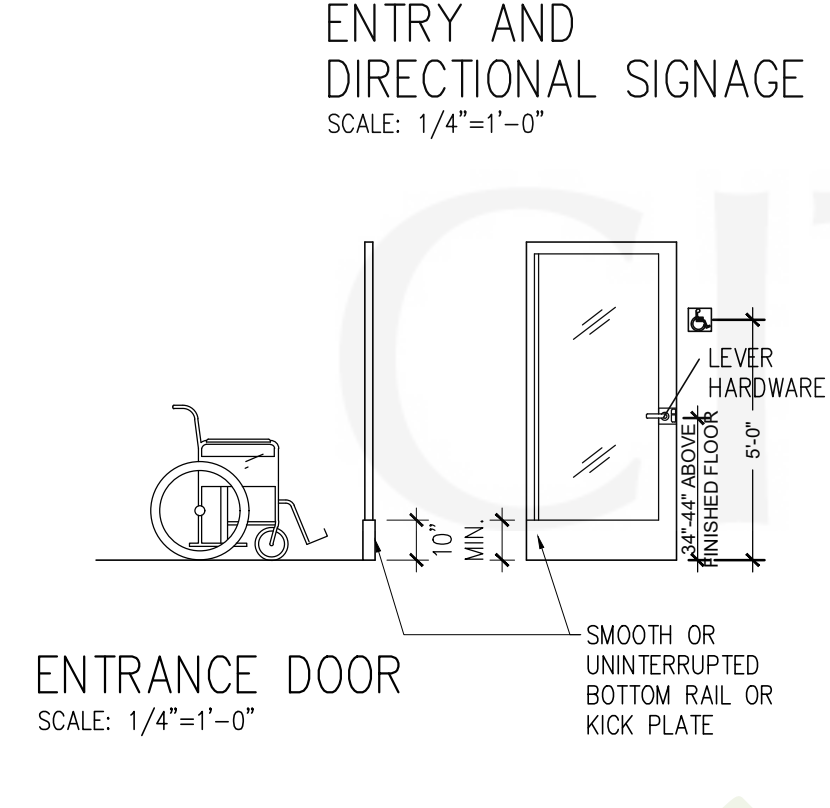
- ENTRY AND DIRECTIONAL SIGNAGE NOTES:**
- AT EVERY PRIMARY PUBLIC ENTRANCE AND AT EVERY MAJOR JUNCTION ALONG OR LEADING TO AN ACCESSIBLE ROUTE OF TRAVEL, THERE SHALL BE A SIGN DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY. SIGNS SHALL INDICATE THE DIRECTION TO ACCESSIBLE BUILDING ENTRANCES AND FACILITIES.
 - WHEN A BUILDING CONTAINS AN ENTRANCE OTHER THAN THE MAIN ENTRANCE WHICH IS RAMPED OR LEVEL FOR USE BY HANDICAPPED PERSONS, A SIGN SHOWING ITS LOCATION IS REQUIRED TO BE POSTED AT OR NEAR THE MAIN ENTRANCE.
 - PROVIDE SIGNS WITH INTERNATIONAL SYMBOL OF ACCESSIBILITY ENTRY. PROVIDE ADDITIONAL DIRECTIONAL SIGNS AS REQUIRED.
 - MAT CARPETING MUST BE SECURELY ANCHORED TO FLOOR OR RECESSED INTO DOOR LANDING.



THRESHOLD
NTS

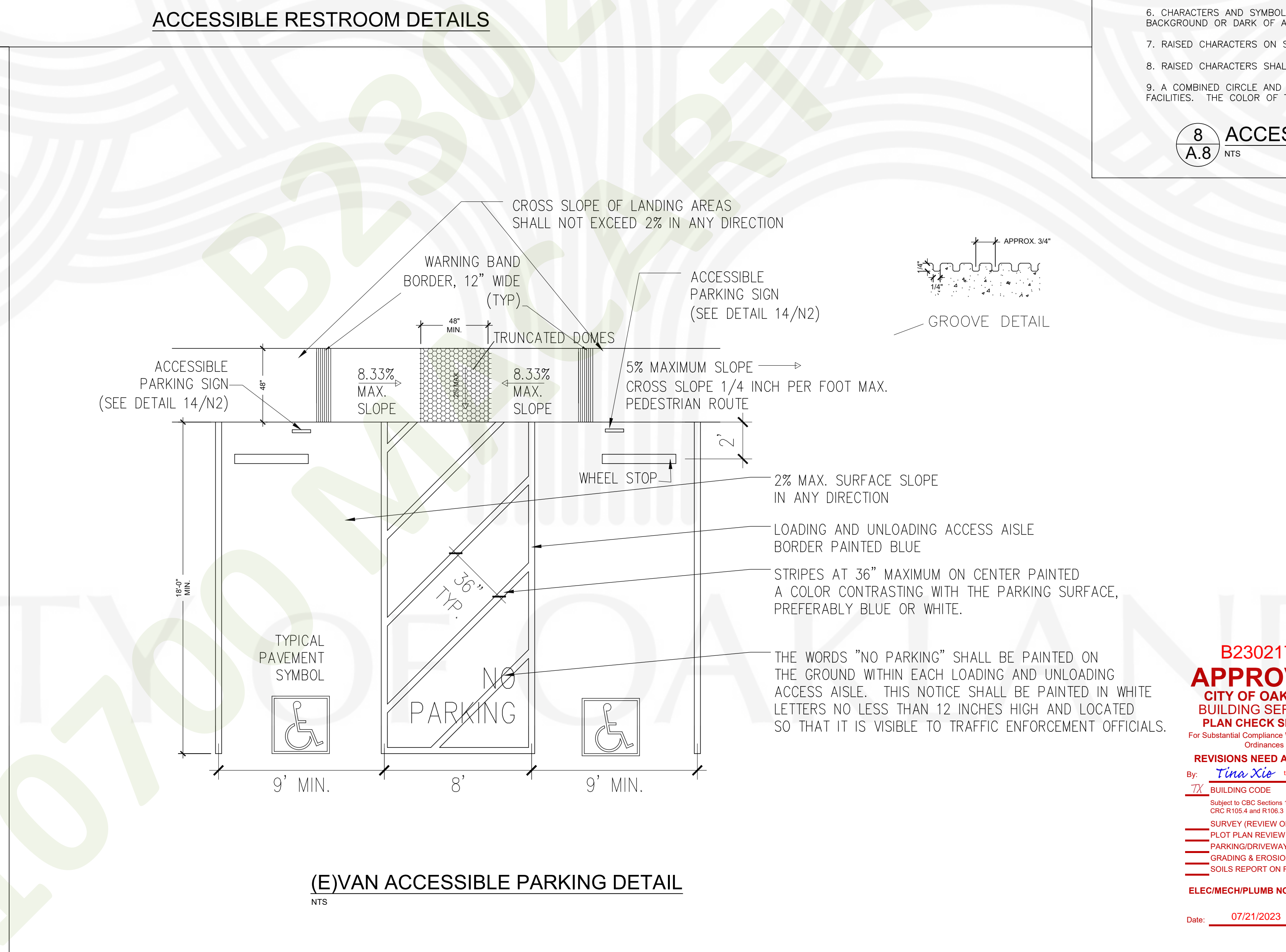


DOOR APPROACH FRONTAL
SCALE: 1/4"=1'-0"

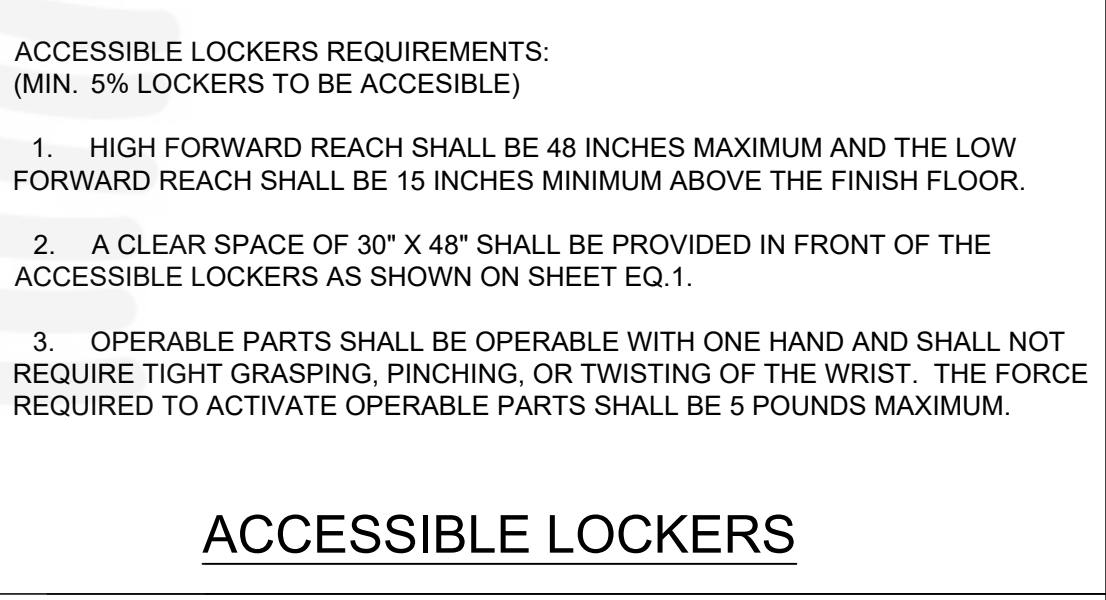


ENTRANCE DOOR
SCALE: 1/4"=1'-0"

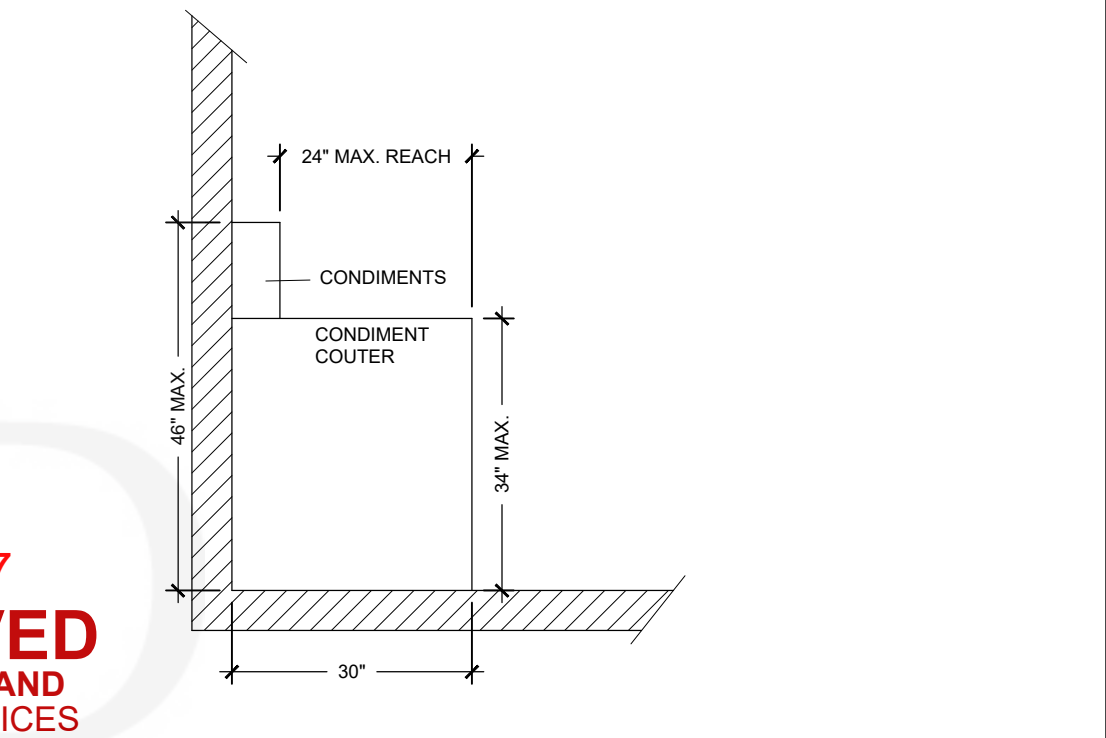
ACCESSIBLE DOOR DETAILS
NTS



(E)VAN ACCESSIBLE PARKING DETAIL
NTS



ACCESSIBLE LOCKERS



ACCESSIBLE BEVERAGE/ COUNTER
SCALE: 1/2" = 1'-0"

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CITY OF OAKLAND
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PLAN CHECK SECTION
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7X BUILDING CODE
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STORE CL#X245

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MSD

ACCESSIBLE DETAILS

A.8

EQUIP. LEGEND & AREA OF RESPONSIBILITY

ITEM	DESCRIPTION	MODEL	MANUFACTURER	NSF	NSF OWNER	NSF CONT.	INSTALLATION OWNER	INSTALLATION CONT.	COORD./SUPERVISED BY CONTRACTOR	REMARKS
01	SINGLE GLASS DOOR MERCHANDISER	RM-26	HOSHIZAKI	X	X	X	-	-	X	115 VOLTS, 4.7 AMPS / WITH CASTORS / NOTE 09
02	Not Used									
03	SANDWICH/SALAD UNIT	SR48A-8	HOSHIZAKI	X	X	X	-	-	X	115 VOLTS, 11.8 AMPS / WITH INTEGRAL SHELVING #38 / NOTE 09
04	-DR. REACH-IN REFRIGERATOR	CR1S-FS	HOSHIZAKI	X	X	X	-	-	X	115 VOLTS, 4.0 AMPS / WITH CASTORS / NOTE 09
05	48" WOODEN BENCH	CUSTOM	N/A	N/A	X	-	-	-	X	
06	HOOD FIRE SUPPRESSION SYSTEM	CUSTOM	CAPTIVE AIRE	N/A	N/A	X	-	-	X	REF. TO HOOD DRAWINGS FIRE SUPPRESSION PERMITTED/ INSTALLED BY CAPTIVE AIRE WITH (2) 18" DRAIN BOARDS, (2) 8" SIDE SPLASHES. VERIFY W/ LOCAL JURISDICTIONS FOR DRAIN BOARD & BOWL SIZE.
07	S.S. 3-COMPARTMENT SINK, 96"L.	CUSTOM	CAT CUSTOM STAINLESS, LLC ENNIS, TX	X	X	X	-	-	X	WITH BUILT-IN ANTI SIPHON DEVICE WITH DRAWER / WITH INTEGRAL SHELVING #38 / WITH CASTORS WITH UNDER-SHELF / WITH INTEGRAL SHELVING #38 24" TALL WITH (2) 8" HIGH SIDE SPLASHES WITH SHOVEL LEVER
08	MOP SERVICE BASIN	MSB-2424	FIAT PRODUCTS	X	X	X	-	-	-	115 VOLTS, 11 AMPS / S.B. MODEL: B55 / WITH 6" HIGH LEGS
09	S.S. WORK TABLE 30"D. X 36"L.	CUSTOM	CAT CUSTOM STAINLESS, LLC ENNIS, TX	X	X	X	-	-	X	115 VOLTS, 4.0 AMPS / WITH CASTORS / NOTE 09
10	S.S. WORK TABLE 30"D. X 96"L.	CUSTOM	CAT CUSTOM STAINLESS, LLC ENNIS, TX	X	X	X	-	-	X	24" TALL WITH (2) 8" HIGH SIDE SPLASHES
11	S.S. WORK TABLE 30"D. X 18"L.	CUSTOM	CAT CUSTOM STAINLESS, LLC ENNIS, TX	X	X	X	-	-	X	WITH SHOVEL LEVER
12	HAND SINK W/ SIDE SPLASH (R & L)	7-PS-66	ADVANCE TABCO	X	X	X	-	-	X	115 VOLTS, 11 AMPS / S.B. MODEL: B55 / WITH 6" HIGH LEGS
13	POTATO SLICER	300 SERIES	SHAWER SPECIALTY CO.	X	X	X	-	-	X	SUPPLIED BY EQUIPMENT VENDOR
14	ICE MACH. W/ STORAGE BIN	CIM0530HA-SP	HOSHIZAKI	X	X	X	-	-	X	REFER TO PLUMBING PLANS FOR SPECIFICATIONS
14A	ICE MACH. FILTER	CUSTOM		X	X	X	-	-	X	
15	WATER HEATER, TANKLESS, GAS	1991-DV	NORITZ	X	X	X	-	-	X	
16	NOT USED									
17	NOT USED									
18	SOLSTICE SUPREME GAS FRYER	SSH75	PITCO	X	X	X	-	-	X	105,000 BTU, 75 LBS / WITH 6" CASTORS 9. (PROVIDE QUICK-DISCONNECT GAS LINES)
19	NOT USED									
20	COOKING & HOLDING TIMER	U160DKB7503	FAST	X	X	X	-	-	X	
21	SOLSTICE SUPREME FILTER	SFSSH75	PITCO	X	X	X	-	-	X	120 VOLTS, 6.2 AMPS / ITEM IS AN INTEGRAL PART OF THE FRYERS
22	PAN RACK & COVER	1509PRC 12		X	X	X	-	-	X	QUANTITY: 02 / NOT INDICATED ON PLAN
23	NOT USED									
24	NOT USED									
25	24" x 30" TABLE & BASE	CUSTOM	N/A	N/A	X	-	-	-	X	
26A	30" x 42" TABLE & BASE	CUSTOM	N/A	N/A	X	-	-	-	X	
26B	ACCESSIBLE 30" x 42" TABLE & BASE	CUSTOM	N/A	N/A	X	-	-	-	X	
27	WOOD CHAIR	6305P	N/A	N/A	X	-	-	-	X	
28	NOT USED									
28A	BIB TEA, LEGACY - 28		COCA COLA	X	X	X	-	-	X	120 VOLTS, 60HZ, 25-125 PSI
29	SLIM-JIM TRASH RECEPTACLE	8323G4		X	X	X	-	-	X	
30	SANITARY NAPKIN RECEPTACLE	1102		X	X	X	-	-	X	
31	TRASH RECEPTACLE	MODEL VARIES		X	X	X	-	-	X	
32	BEVERAGE / CONDIMENT COUNTER	CUSTOM	CAT CUSTOM STAINLESS, LLC ENNIS, TX	N/A	N/A	X	-	-	X	PROVIDED OWNER AND INSTALLED BY CONTRACTOR
33	NOT USED									
34	SODA DISPENSER	LEGACY 22	LANCER	X	X	X	-	-	X	115 VOLTS, 20 AMPS / GROUNDED DUPLEX OUTLET
34A	SODA DISPENSER FILTER	COCA COLA	COCA COLA	X	X	X	-	-	X	PROVIDED BY COCA COLA
35	CARBONATOR	N/A	N/A	X	X	X	-	-	X	SUPPLIED BY COCA COLA PRODUCTS
36	BIB FLEX RACK SYSTEM	44239	COCA COLA	X	X	X	-	-	X	WITH 6" HIGH LEGS
37	CO2 SYSTEM	CARBO-MIZER 450	CHART	N/A	N/A	X	-	-	X	STRAP CO2 TANK TO WALL FOR SAFETY
38	SOLID SHELVES	CUSTOM	CAT CUSTOM STAINLESS, LLC ENNIS, TX	X	X	X	-	-	X	2 ROWS INTEGRAL W/ #03 & #10 REFER TO EQ. 2 FOR HEIGHT
39	DRY STORAGE SHELVING	EG01.00	EAGLE GROUP	X	X	X	-	-	X	REFER TO EQUIPMENT PLAN FOR SIZES AND NUMBER OF TIERS
40	DUNNAGE RACK (PRODUCE STAND)	DR362012	KELMAX	X	X	X	-	-	X	
41	SCULLERY SHELVING (2 ROWS)	EG01.00	EAGLE GROUP	X	X	X	-	-	X	2 ROWS OF 18" x 48" (TOP), 2 ROWS OF 18" x 36" (BOTTOM)
42	12-6" TYPE 1 KITCHEN EXHAUST HOOD	ND-2-ACPSPE	CAPTIVE AIRE	X	X	X	-	-	X	NOTES 05, 06, 07 - VERIFY TYPE, SIZE & SERIES AGAINST HOOD DRAWINGS
43	S.S. WORK TABLE 36" (FRY TABLE)	CUSTOM	CAT CUSTOM STAINLESS, LLC ENNIS, TX	X	X	X	-	-	X	
44	BROOM & MOP RACK	40731		X	X	X	-	-	X	
45	FIRE EXTINGUISHER	REFER NOTE 03	N/A	N/A	X	-	-	-	X	CLASS: K (AT HOOD), CLASS: 2A10BC (STANDARD)
46	POINT-OF-SALE SYSTEM	RZ-X750	N/A	N/A	X	-	-	-	X	
46A	NOT USED									
47	SMARTTRACK 12U WALL-MOUNT RACK	SRW9U		X	X	X	-	-	X	NOTE 11
48	POINT-OF-SALE EQUIPMENT		N/A	N/A	X	-	-	-	X	WALL MOUNTED MANAGER STATION MOUNTED ON BASE AS REQUIRED / COORDINATE TYPE WITH OWNER
49	SAFE & STAND	P060413-03		N/A	N/A	X	-	-	X	PROVIDED AND INSTALLED BY OWNER
50	STEREO (AMP.) RECEIVER	MODEL VARIES		N/A	N/A	X	-	-	X	PROVIDED AND INSTALLED BY OWNER
51	SATELLITE RECEIVER	MODEL VARIES		N/A	N/A	X	-	-	X	PROVIDED AND INSTALLED BY OWNER
52	NOT USED									
53	1/2 PAN X 4"	#5124		N/A	N/A	X	-	-	X	
54	POS COUNTER	CUSTOM	N/A	N/A	X	-	-	-	X	PROVIDED OWNER AND INSTALLED BY CONTRACTOR
55	POS SHROUD	CUSTOM	N/A	N/A	X	-	-	-	X	PROVIDED OWNER AND INSTALLED BY CONTRACTOR
56	STAINLESS STEEL FLEX HOSE	CUSTOM		X	X	X	-	-	X	
57	EXTERIOR BUILDING SIGNAGE WINGSTOP	CUSTOM	N/A	N/A	X	-	-	-	X	PROVIDED AND INSTALLED BY THE SIGN VENDOR.
58	T.V. WALL BRACKET & STAND	MODEL VARIES		N/A	N/A	X	-	-	X	
59	HAND SOAP DISPENSER	S4025		N/A	N/A	X	-	-	X	
60A	ELECTRIC HAND DRYER	AIKE AK263DS		N/A	N/A	X	-	-	X	
60B	PAPER TOWEL DISPENSER	T1290WS		N/A	N/A	X	-	-	X	
61	S.S. FRAMED MIRROR	B-165-2436		N/A	N/A	X	-	-	X	SIZE: 24" x 36" WITH S.S. CHANNEL FRAME
62	36" x 1 1/2" GRAB BAR	B-6106		N/A	N/A	X	-	-	X	
63	42" x 1 1/2" GRAB BAR	B-6106		N/A	N/A	X	-	-	X	
64	TOILET PAPER DISPENSER	8735020		N/A	N/A	X	-	-	X	
65	GREASE INTERCEPTOR	GB-250	SCHIER	N/A	N/A	X	-	-	X	REFER TO PLUMBING DRAWINGS FOR LOCATION
66	NOT USED									
67	WALL MOUNTED MIXING FAUCET	CUSTOM		X	X	X	-	-	X	
68	WIRE WALL SHELVING	METRO	METRO	X	X	X	-	-	X	REFER TO EQ. 1 FOR SIZE
69	COOLER DUNNAGE RACK	DR362012	KELMAX	X	X	X	-	-	X	REFER TO EQUIPMENT PLAN FOR SIZES & MOUNTING HEIGHTS
70	COOLER SHELVING	EG01.00	EAGLE GROUP	X	X	X	-	-	X	5 TIERS HIGH. REFER TO EQUIPMENT PLAN FOR SIZES
71	WALK-IN COOLER/FREEZER	CUSTOM	KOLPAK	X	X	X	-	-	X	NOTE 09 / WSPRO-3
72	STOREFRONT VINYL GRAPHICS	CUSTOM	N/A	N/A	X	-	-	-	X	
73	KNIFE HOLDER	2918P	TABLECRAFT	X	X	X	-	-	X	
74	TO-GO RACK	CUSTOM		X	X	X	-	-	X	18x36, 4 TIER WITH SOLID SHELVES AND 6" CASTERS
75	TICKET RAIL			X	X	X	-	-	X	
76	HIGH CHAIR	CHH-104		N/A	N/A	X	-	-	X	
77	S.S. 2-COMPARTMENT SINK, 60"L.	CUSTOM	CAT CUSTOM STAINLESS, LLC ENNIS, TX	X	X	X	-	-	X	WITH (1) 18" DRAIN BOARDS, (2) 8" SIDE SPLASHES AND LID COVERS. VERIFY W/ LOCAL JURISDICTIONS FOR DRAIN BOARD & BOWL SIZE. REFER TO EQUIPMENT PLAN FOR SIZES
78	DRY STORAGE WIRE SHELVING	EG01.00	EAGLE GROUP	X	X	X	-	-	X	ITEM NOT INDICATED ON EQUIPMENT PLAN
79	COMMERCIAL MOP BUCKET	7580-88		N/A	N/A	X	-	-	X	
80A	NOT USED									
80B	NOT USED									
81	CONDIMENT DISPENSER	CUSTOM		X	X	X	-	-	X	
82	PAPER TOWEL HOLDER	CUSTOM		X	X	X	-	-	X	1" DIA. X 10" LONG PRETHREADED GALV. METAL PIPE, W/ 1" CAP AND 1" FLANGE
83	NOT USED									
84	FREEZER, REACH IN	CF1S-FS	HOSHIZAKI	X	X	X	-	-	X	115 VOLTS, 9.0 AMPS / WITH CASTORS / NOTE 09
85	Not Used									
86	S.S. STAND	SK2731U	TURBO FAN	X	X	X	-	-	X	OVEN STAND WITH WHEELS
87	CONVECTION OVEN	E31D4	TURBO FAN	X	X	X	-	-	X	208V, 14 AMPS / NEMA 6-15P CORDSET FITTED / NOTE 10
88	EMPLOYEE LOCKERS	KMXEL6	KELMAX	N/A	N/A	X	-	-	X	12" W X 12" H X 18" D / 6-TIERS / WALL MOUNTED WITH 6" A.F.F. NO LEGS
89	NOT USED									
90	NOT USED									
91	VERTICAL GRAB BAR	B-6106		N/A	N/A	X	-	-	X	
92	MANAGER'S DESK	CUSTOM		X	X	X	-	-	X	COORDINATE WITH EQUIPMENT MANUFACTURER
93	NOT USED									
94	NOT USED									
95	NOT USED									
96	TOASTER	TQ10	HATCO	X	X	X	-	-	X	
97	NACHO CHEESE DISPENSER		GEHLS	N/A	N/A	X	-	-	X	PROVIDED BY CHEESE DISPENSER COMPANY
98	STAINLESS STEEL CORNER GUARD			N/A	N/A	X	-	-	X	
99	STAINLESS STEEL END CAP			N/A	N/A	X	-	-	X	
100	FREEZER SHELVING	EG01.00	EAGLE GROUP	X	X	X	-	-	X	FF1836G 4 TIERS HIGH, F0603G POSTS
101	USED COOKING OIL TANK	ECT-1705Q	ENVICOR	X	X	X	-	-	X	110-VOLT/20 AMP DEDICATED CIRCUIT WITHIN 6'-0" OF TANK

- EQUIPMENT LEGEND NOTES:**
- FLAT PANEL TV DISPLAY WALL MOUNTING BRACKET & MONITOR BRAND SELECTION TO BE DETERMINED BY OWNER. CONTRACTOR TO COORDINATE ITEM #58 WITH OWNER FOR INSTALLATION.
 - THE OWNER SHALL PROVIDE WALL MOUNTED DECOR ITEMS. THESE ITEMS ARE TO BE INSTALLED BY THE CONTRACTOR. THE CONTRACTOR SHALL COORDINATE AND SCHEDULE THE DELIVERY AND INSTALLATION OF ALL DECOR ITEMS WITH THE OWNER. REFER TO A3.1
 - THE CONTRACTOR SHALL VERIFY WITH ALL LOCAL AGENCIES QUANTITY AND LOCATION OF ALL FIRE EXTINGUISHERS.
 - ALL KITCHEN EQUIPMENT SHALL MEET THE REQUIREMENTS OF THE NATIONAL SANITATION FOUNDATION (NSF).
 - THE EXHAUST HOOD, EXHAUST FAN, EXHAUST DUCT, EXHAUST DUCT FIRE WRAP AND MAKE-UP AIR FAN SHALL BE SUPPLIED BY THE OWNER AND INSTALLED BY THE CONTRACTOR. THE MAKE-UP AIR DUCT SHALL BE SUPPLIED AND INSTALLED BY THE CONTRACTOR.
 - THE EXHAUST HOOD FIRE SUPPRESSION SYSTEM SHALL BE SUPPLIED AND INSTALLED BY THE OWNER. THE CONTRACTOR SHALL SUPPLY AND INSTALL THE EMERGENCY GAS SHUT-OFF VALVE FOR THE EXHAUST HOOD FIRE SUPPRESSION SYSTEM.
 - THE CONTRACTOR SHALL COORDINATE AND SCHEDULE THE DELIVERY OF ALL KITCHEN EQUIPMENT WITH THE EQUIPMENT VENDOR.
 - THE CONTRACTOR SHALL MAKE ALL FINAL ELECTRICAL CONNECTIONS REQUIRED FOR THE OWNER PROVIDED SIGNAGE.
 - ALL SPECIFIED REFRIGERATION UNITS SHALL BE SELF-CONTAINED AND SELF EVAPORATING.
 - NO GREASE LADEN FOODS SHALL BE PREPARED IN THE CONVECTION OVEN (ITEM #87), IT IS USED FOR BAKING ROLLS ONLY.
 - CONTACT SMARTTRACK 9U WALL-MOUNT RACK SUPPLIER FOR ADDITIONAL INFORMATION: CHRIS IANNUZZI OF IT SAVVY (630) 398-6315.
 - RESTROOM DOOR TO BE SELF-CLOSING.

NOTE:
REFER TO COVER SHEET FOR GENERAL NOTES AND NOTES TO BIDDERS

EQUIP. PLAN NOTES

- ALL SWITCHES, COVER PLATES, AND PLUGS SHALL BE WHITE
 - TELEPHONE SERVICE SHALL BE (3) THREE LINES OF SERVICE AS FOLLOWS:
A. LINE 1 SHALL BE PRIMARY TELEPHONE LINE.
B. LINE 2 SHALL BE FOR ROLL-OVER TELEPHONE LINE AND FAX LINE.
C. LINE 3 SHALL BE FAX AND DATA LINE.
 - THE GENERAL CONTRACTOR SHALL PROVIDE THE MOUNTING OF TRANSFORMERS AND FINAL ELECTRICAL CONNECTION OF THE OWNER PROVIDED AND INSTALLED INTERIOR AND EXTERIOR BUILDING SIGNAGE. ALL SIGNS SHALL BE ON INDIVIDUAL CIRCUITS WITH DEDICATED GROUNDS.
 - THE FLOOR SINK UNDER THE 3-COMPARTMENT SINK IS USED FOR THE PLUMBING HOSE BIB.
 - COOKING AREA PROTECTION SYSTEM SHALL BE SUBMITTED FOR PLAN REVIEW UNDER A SEPARATE PLAN CHECK AND PERMIT
- NOTE: EXTERIOR SIGNAGE SHALL BE SUBMITTED UNDER A SEPARATE PLAN CHECK REVIEW AND PERMIT PROCESS.

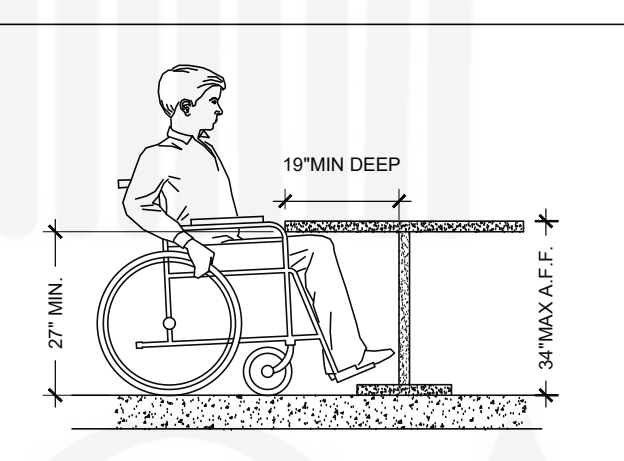
EQUIP. PLAN LEGEND

- PROVIDE DEDICATED CIRCUIT AND GROUND 12" 0" A.F.F. ABOVE SOFFIT FOR LED SIGNS - TYPICAL - REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION
- PROVIDE DEDICATED CIRCUIT AND GROUND WITH CIRCUIT TIMER FOR EXTERIOR BUILDING SIGN - TYPICAL - VERIFY LOCATION WITH SIGN VENDOR - REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION
- NOT USED
- GAS SERVICE CONNECTION - REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION
- 6" P.V.C. BEVERAGE CONDUIT RUN IN CEILING WITH 6" 90'S AND 6" P.V.C. IN PARTITIONS - REFER TO DETAIL 6/EQZ FOR ADD. INFO.
- PROVIDE STAINLESS STEEL CORNER GUARD W/ 2" LEGS AT ALL OUTSIDE CORNER IN KITCHEN TYP.
- PROVIDE STAINLESS STEEL END CAP W/ 2" LEGS AT ALL END WALLS IN KITCHEN TYP.

WALK-IN COOLER/FREEZER SPECIFICATIONS

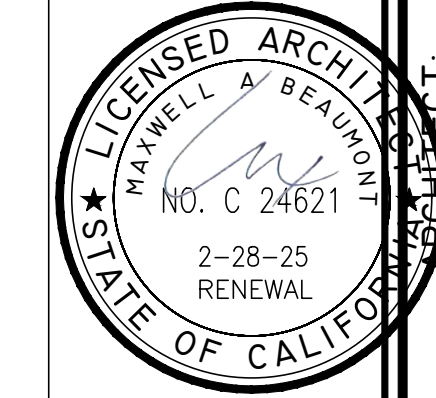
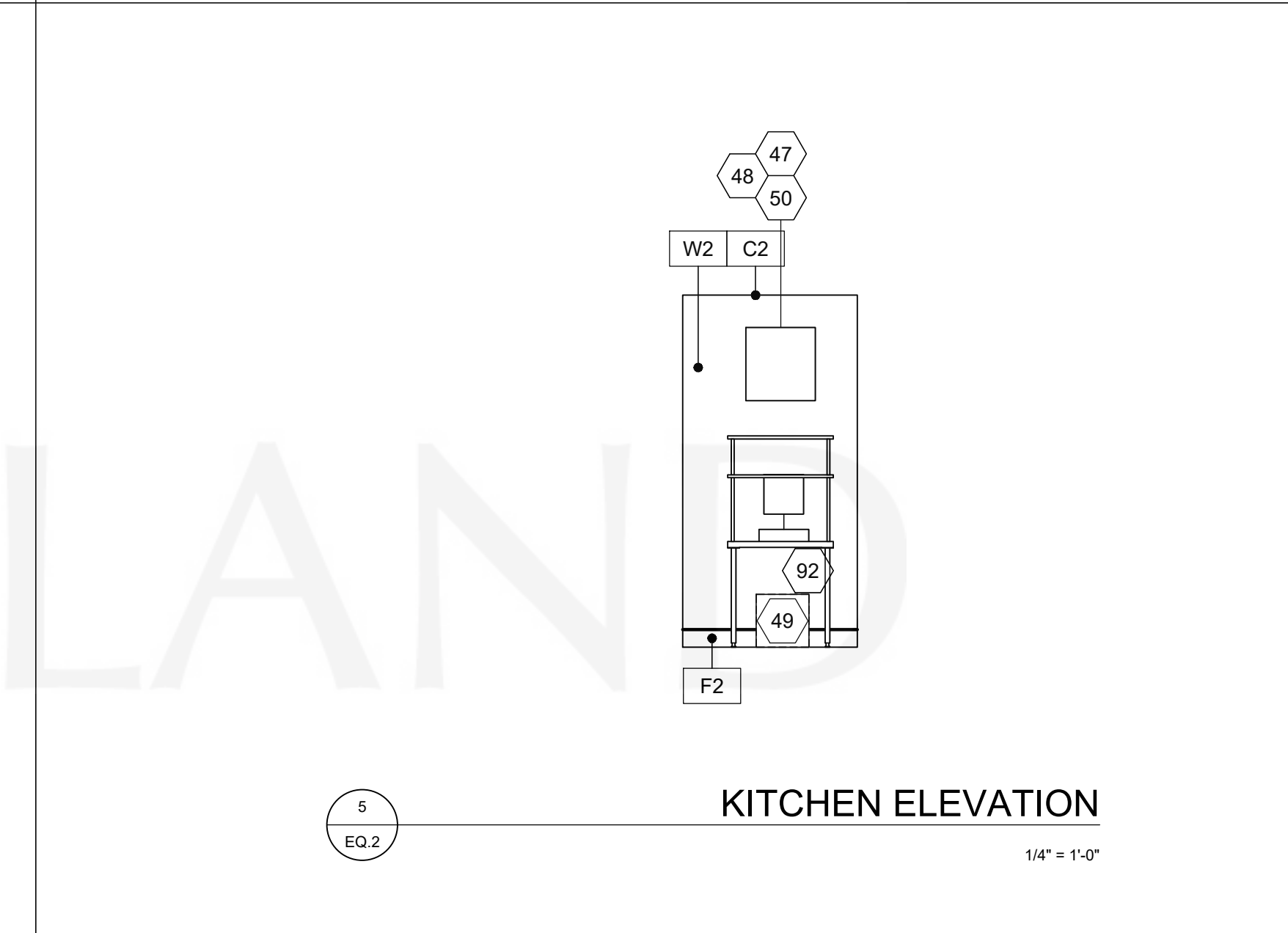
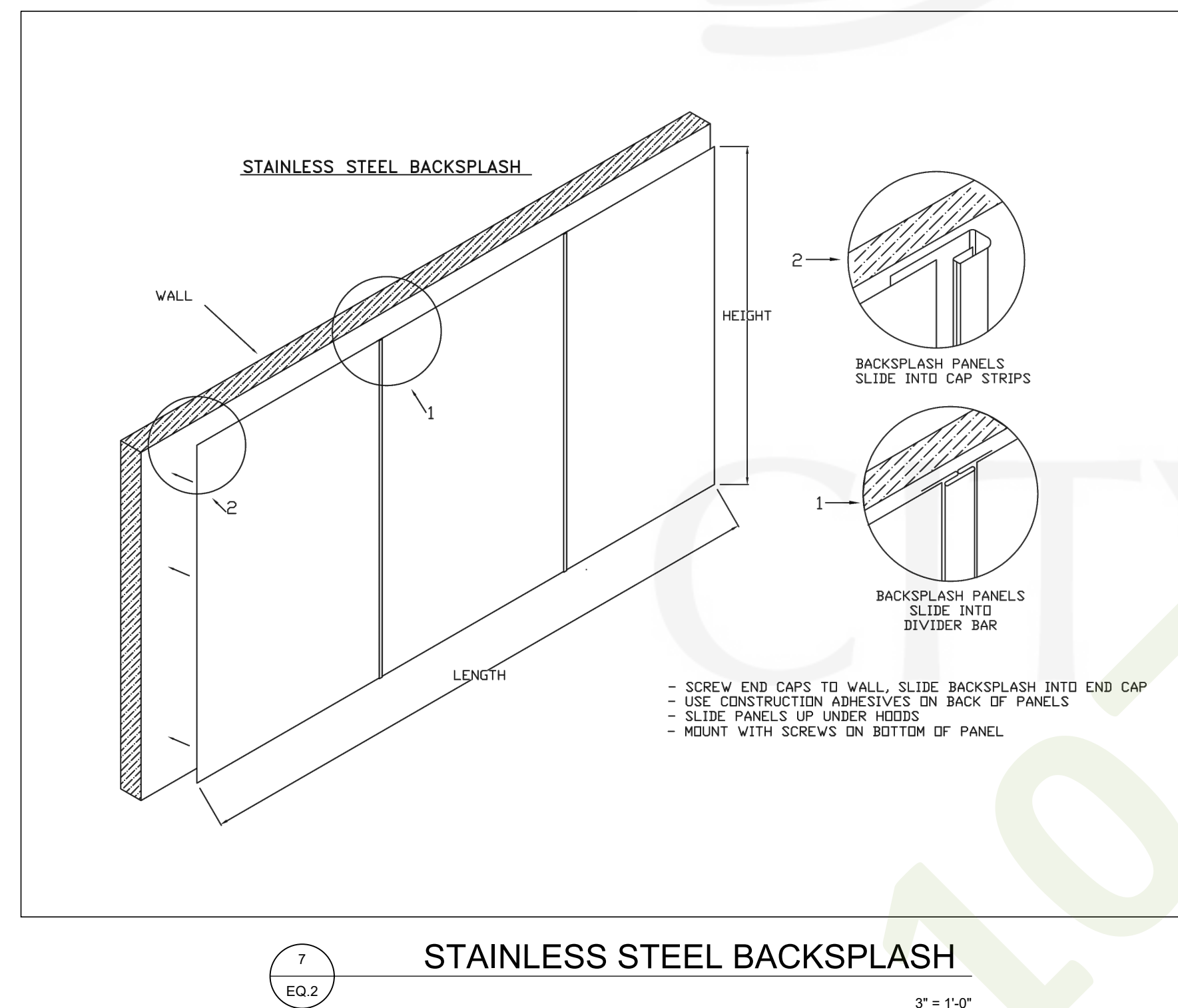
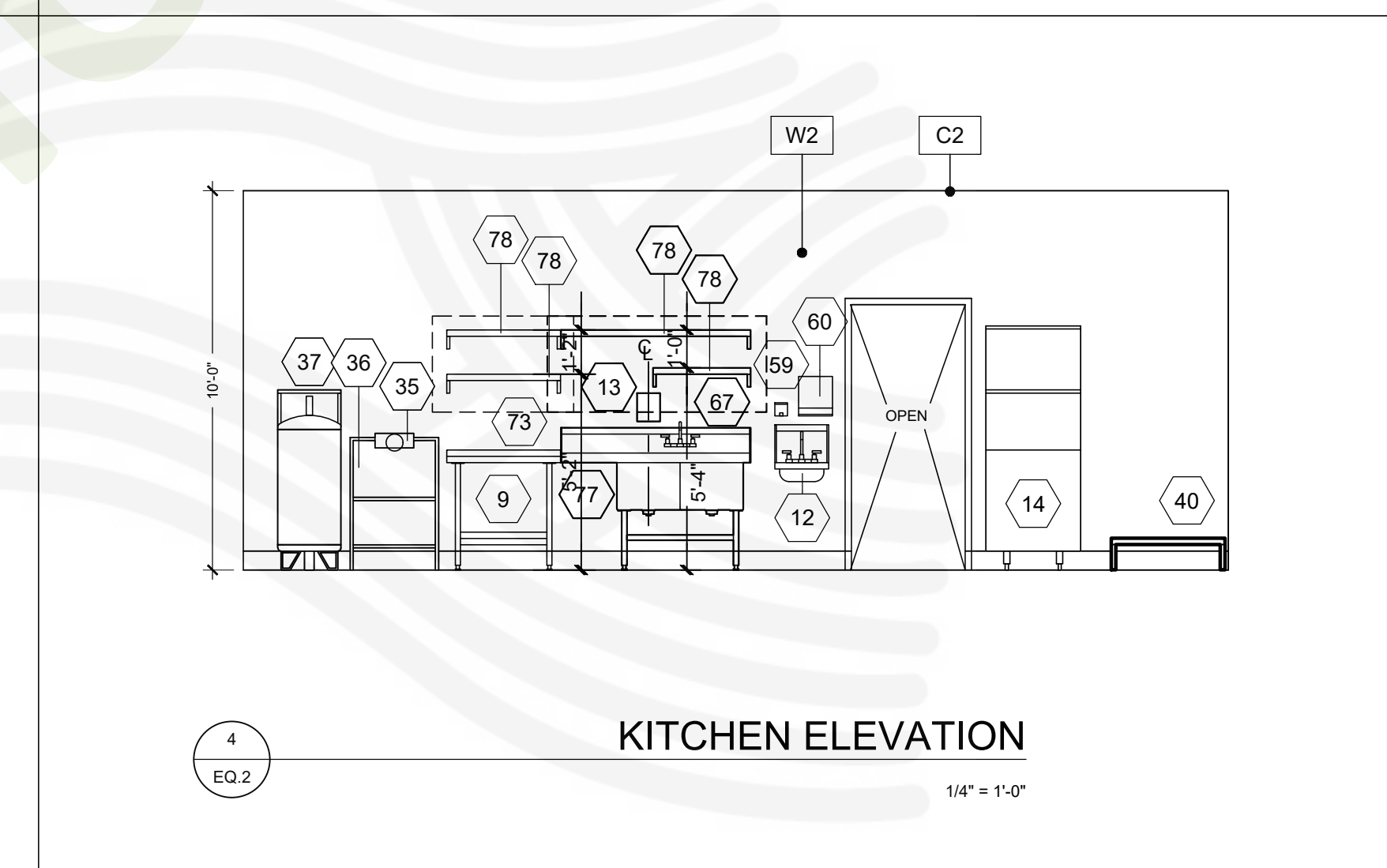
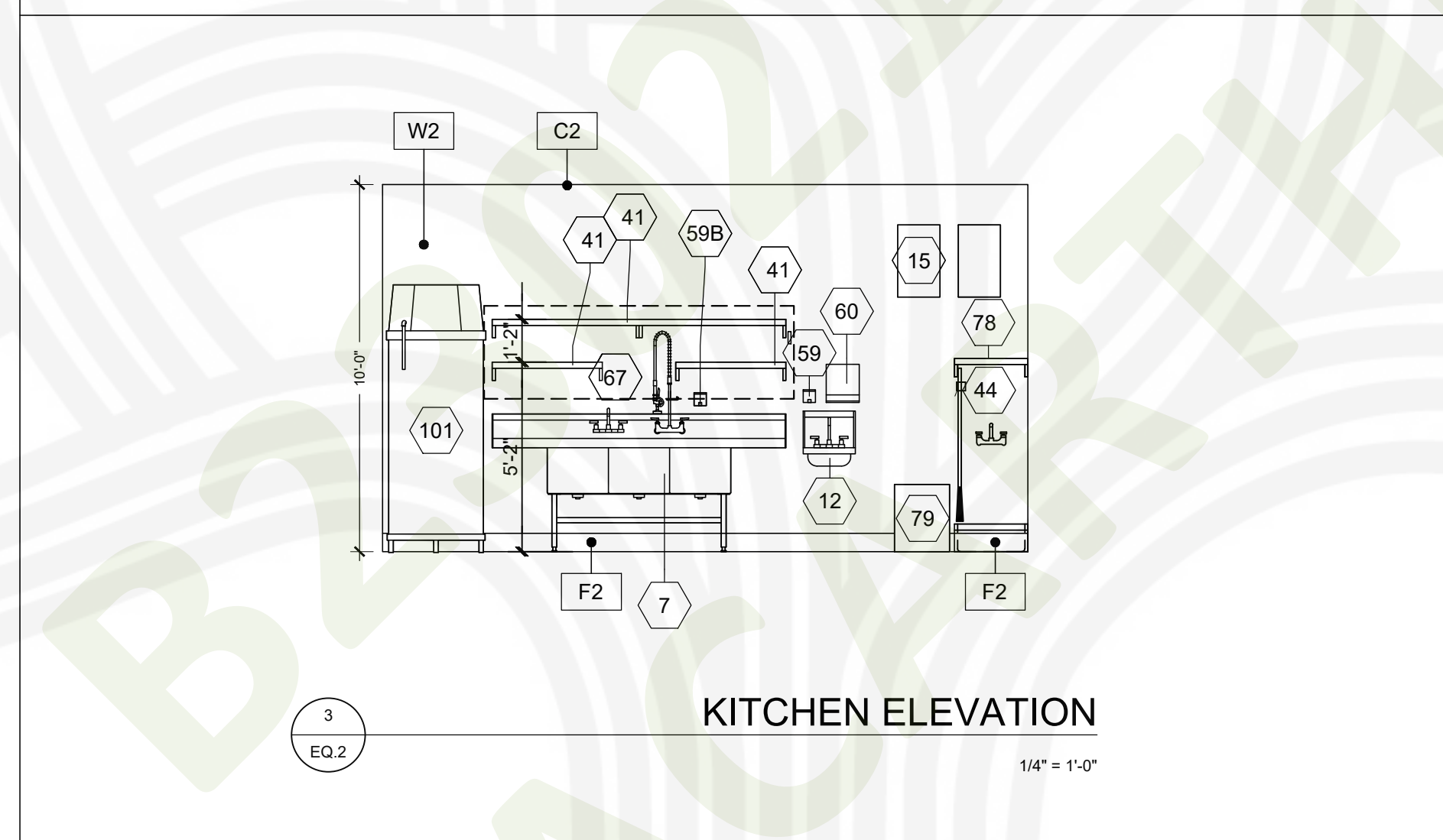
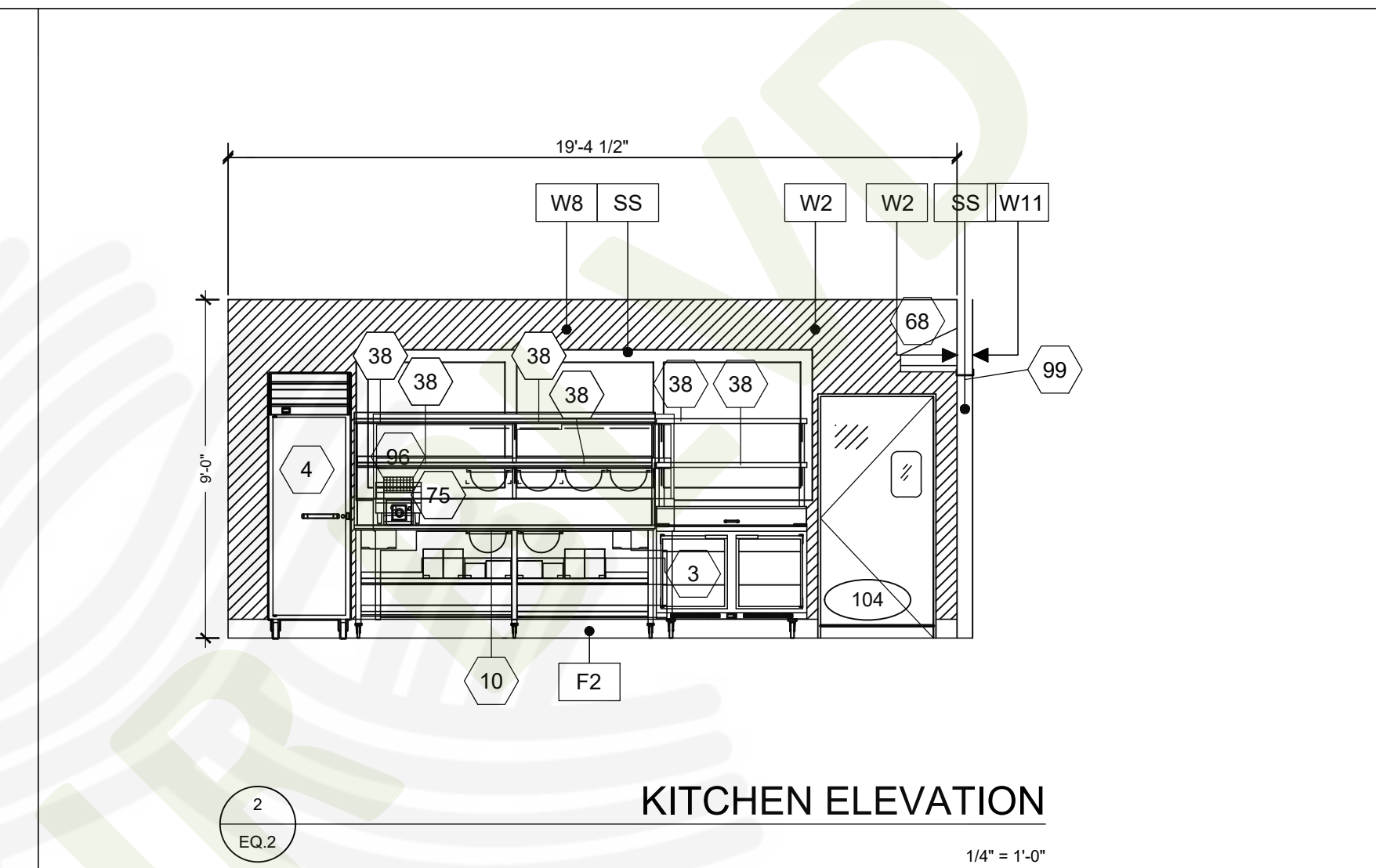
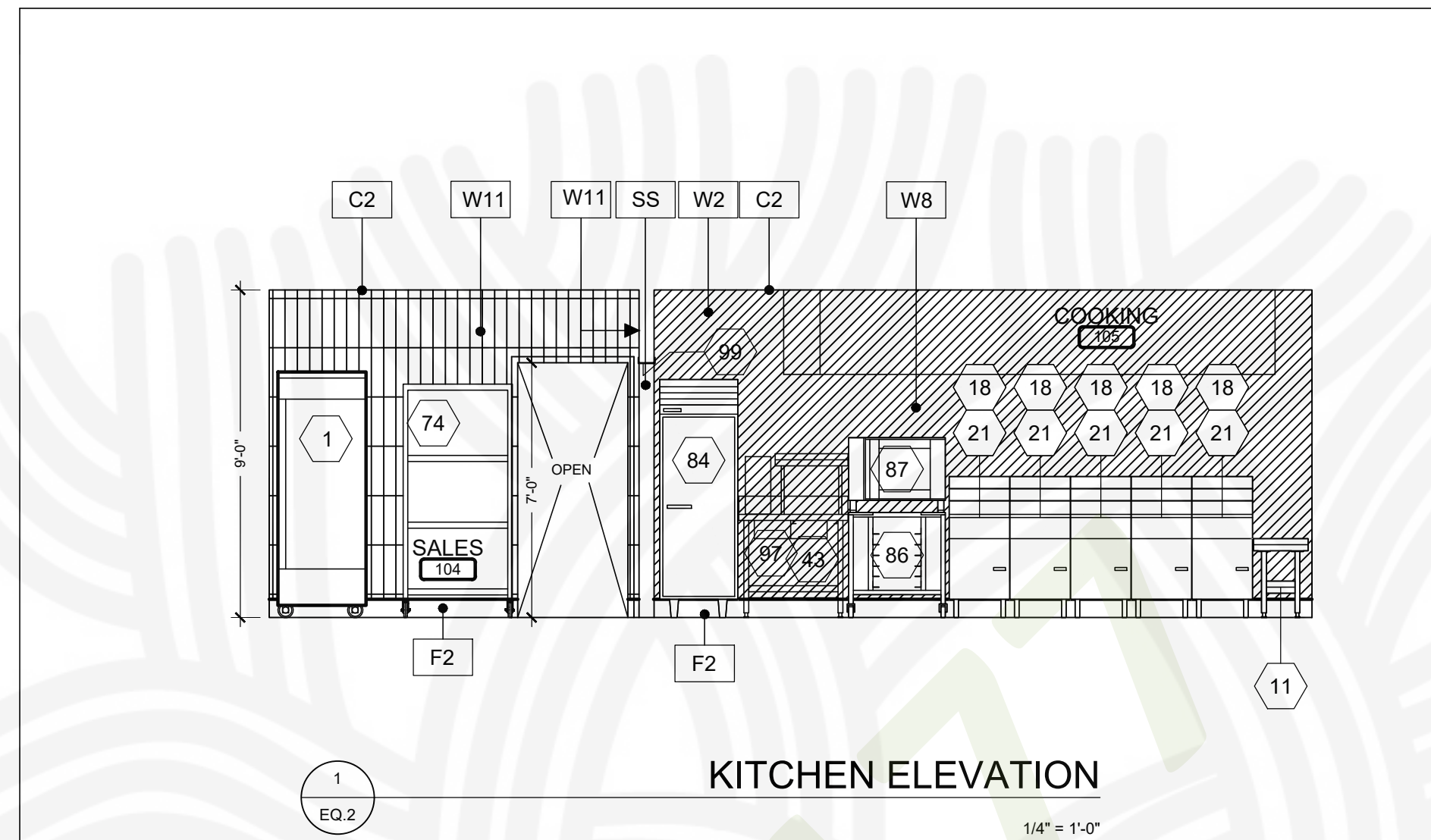
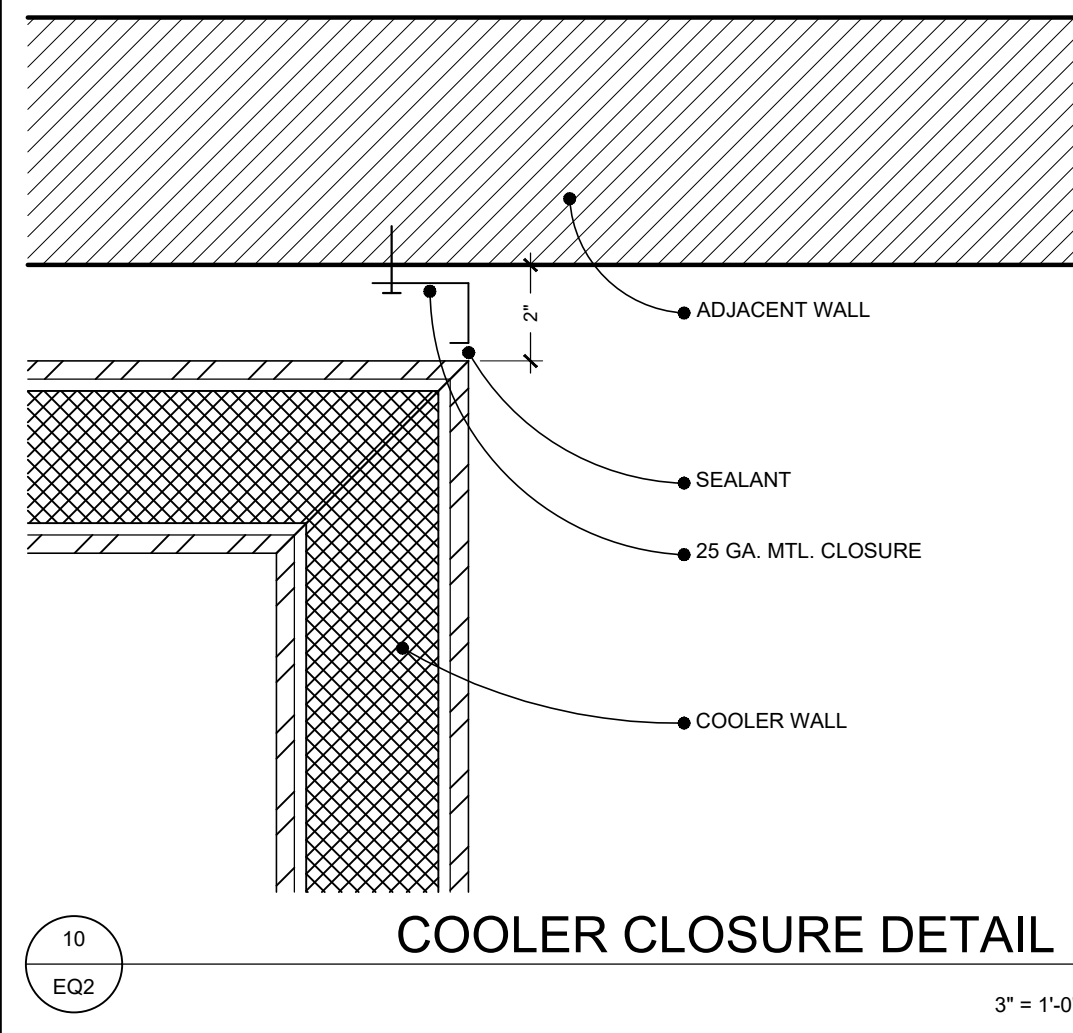
COMPONENT	DESCRIPTION
INSULATION:	FOAMED IN-PLACE U.L. LISTED, CLASS 1 URETHANE FOAM INSULATION WITH A FLAME SPREAD RATING OF LESS THAN 25, AND SMOKE DENSITY OF LESS THAN 450 - WGBE TESTED IN ACCORDANCE TO A.S.T.M. E84 (U.L. 723)
FLOOR:	FLOOR, WALL, AND CEILING PANELS: 4" THICK HIGH DENSITY PRE-FABRICATED FRAME - N.S.F. COVED, STEP-UP @ FREEZER FLOOR ONLY
FINISH:	INTERIOR: 26 GA. STUCCO EMBOSSED GALVALUM EXTERIOR: 26 GA. STUCCO EMBOSSED GALVALUM FLOOR FINISH: #10 SMOOTH ALUMINUM
DOORS:	(1) 34" x 78" FLUSH-IN FITTING COOLER DOOR (1) 30" x 72" FLUSH-IN FITTING FREEZER DOOR

- INSTALLATION INSTRUCTIONS FOR THE WALK-IN COOLER/FREEZER SHALL BE ON THE JOBSITE FOR THE LOCAL BUILDING OFFICIAL
- PROVIDE CP 25WB+ FIRE BARRIER SEALANT CAULK OR FB-3000 W/ FIRE BARRIER SEALANT FOR ANY PENETRATIONS INTO THE INSULATED PANELS



ACCESSIBLE DINING TABLE

-



ARCHITECT:
 BEAUMONT & ASSOCIATES
 MAXWELL A. BEAUMONT, ARCHITECT
 EMERYVILLE, CALIFORNIA
 DESIGN@ACUTE-CONSULTING.COM

Acute Consulting, Inc.
 29 ORINDA WAY, #1267
 ORINDA, CA 94563
 925-818-4132

WING STOP RESTAURANT
 FOOTHILL SQUARE
 10700 MACARTHUR BLVD. #2A
 OAKLAND, CA 94605
 STORE CL#7345



DWG DATE:
 1/24/23

DRAWN BY:
 MSD

EQUIPMENT ELEVATIONS

EQ. 2

HOOD INFORMATION - JOB#5821150

HOOD NO	TAG	MODEL	MANUFACTURER	LENGTH	MAX COOKING TEMP	TYPE	APPLIANCE DUTY	DESIGN CFM/FT	TOTAL EXH CFM	EXHAUST PLENUM RISER(S)				MUA CFM	AC CFM	HOOD CONSTRUCTION	HOOD CONFIG				
										WIDTH	LENG	HEIGHT	DIA				CFM	VEL	SP	END TO	ROW
1		5430 ND-2-ACPSP-F	CAPTIVEAIRE	12' 6"	600 DEG	I	HEAVY	224	2800			4'	16"	2800	2005	-1.083"	2250	750	430 SS WHERE EXPOSED	ALONE	ALONE

HOOD INFORMATION

HOOD NO	TAG	FILTER(S)				LIGHT(S)				UTILITY CABINET(S)				FIRE SYSTEM	HOOD HANGING WEIGHT		
		TYPE	QTY	HEIGHT	LENGTH	EFFICIENCY @ 7 MICRONS	QTY	TYPE	WIRE GUARD	LOCATION	SIZE	FIRE SYSTEM TYPE	SIZE			ELECTRICAL MODEL #	SWITCHES QUANTITY
1		CAPTRATE SOLD FILTER	9	20"	16"	85% SEE FILTER SPEC	4	L55 SERIES E26	ND	LEFT	12"x54"x30"	TANK FS	4.0/4.0	DCV-1111	1 LIGHT 1 FAN	YES	1306 LBS

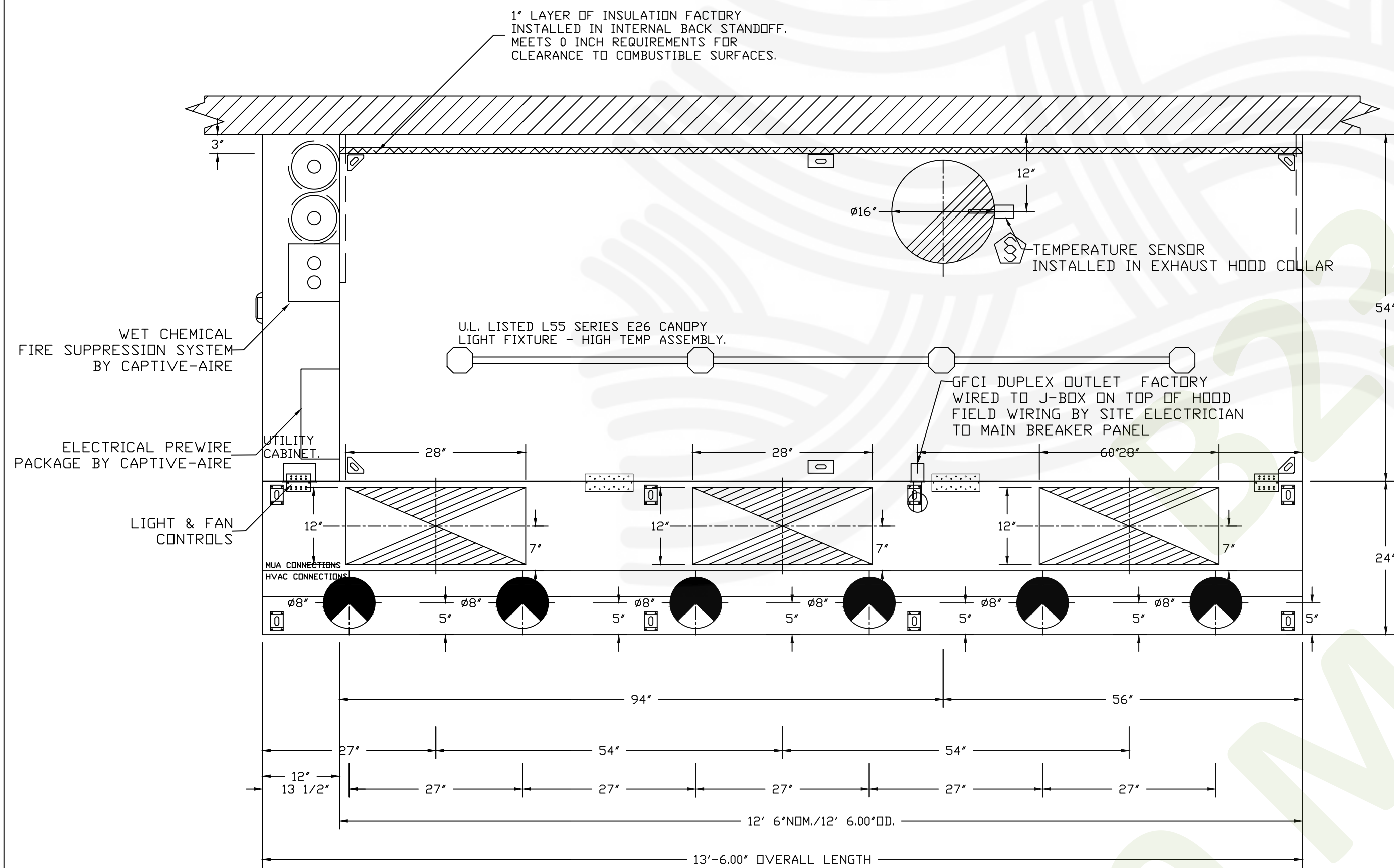
HOOD OPTIONS

HOOD NO	TAG	OPTION
1		RIGHT END PANEL 21" TOP WIDTH, 18" BOTTOM WIDTH, 44" HIGH 430 SS. LEFT QUARTER END PANEL 23" TOP WIDTH, 0" BOTTOM WIDTH, 23" HIGH 430 SS. INSULATION FOR TOP OF HOOD. STRUCTURAL FRONT PANEL. INSULATION FOR BACK OF HOOD. RISER SENSOR INSTALL 3IN DBL. GFCI DUPLEX OUTLET, 20A 125V - HOOD FRONT RIGHT - VERTICAL - DIST FROM END: 60.00 DIST FROM BOTTOM: 4.75.

PERFORATED SUPPLY PLENUM(S)

HOOD NO	TAG	PDS	LENGTH	WIDTH	HEIGHT	TYPE	RISER(S)			
							WIDTH	LENG	DIA	CFM
1		Front	162"	24"	6"	MUA	12"	28"	750	0.182"
						MUA	12"	28"	750	0.182"
						MUA	12"	28"	750	0.182"
						AC		8"	125	0.049"
						AC		8"	125	0.049"
						AC		8"	125	0.049"
						AC		8"	125	0.049"
						AC		8"	125	0.049"
						AC		8"	125	0.049"

STAINLESS STEEL BACKSPASH WALL PANELING EXCLUDED FROM HOOD PACKAGE. TO BE PROVIDED BY OTHERS.



ACPSP SHIPS LOOSE FOR FIELD INSTALLATION

2700 CFM IN 16" DIA. EXHAUST COLLAR = 1934 FPM
HOOD CONSTRUCTION OF 18 GAUGE AND 20 GAUGE METAL

CALCULATIONS UTILIZED

Calculations utilized are based on the hood's ETL Listing
Exhaust CFM = 12.5 foot X 224 CFM/lin. Ft. (load) = 2800 cfm
Supply CFM = 2800 Exhaust CFM X 80 percent = 2250 cfm

$$\text{Total Duct Area} = 144 \times \frac{\text{CFM}}{\text{FPM (note 1)}}$$

$$\text{Duct Length} = \frac{\text{Total Duct Area}}{\text{Duct Depth (note 2)}}$$

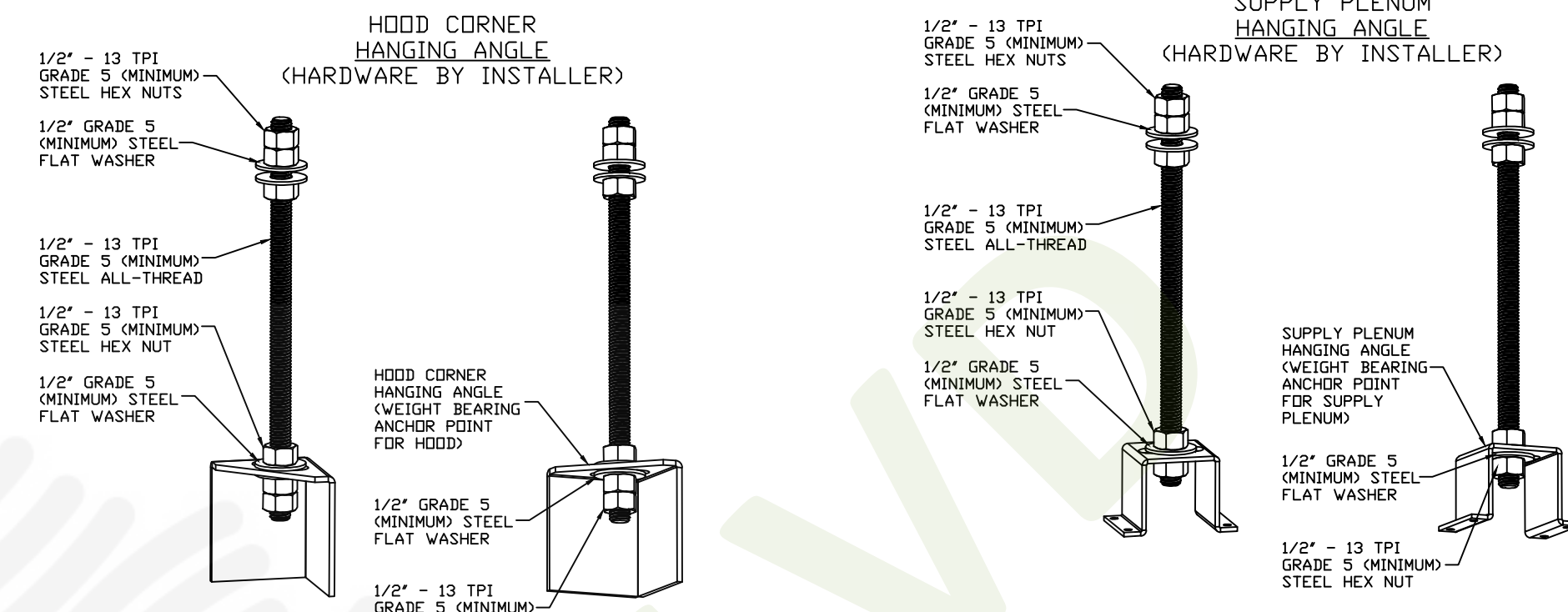
1) Captive-Aire ventilator duct sizes are calculated using an Exhaust velocity of 1500 - 1800 FPM and a Supply velocity of 800 - 1000 FPM
2) Please consult Factory for maximum allowable duct sizes.

CAPTIVE-AIRE HOODS ARE BUILT IN COMPLIANCE WITH



NFPA #96
NSF
UL 710 & ULC710 STANDARDS
E.T.L. LISTED 3054804-001

FOR QUESTIONS, EMAIL THE
CaptiveAire Dallas Sales Office
Colin Prewitt
PHONE: (214) 220-3999
EMAIL: reg45@captiveaire.com

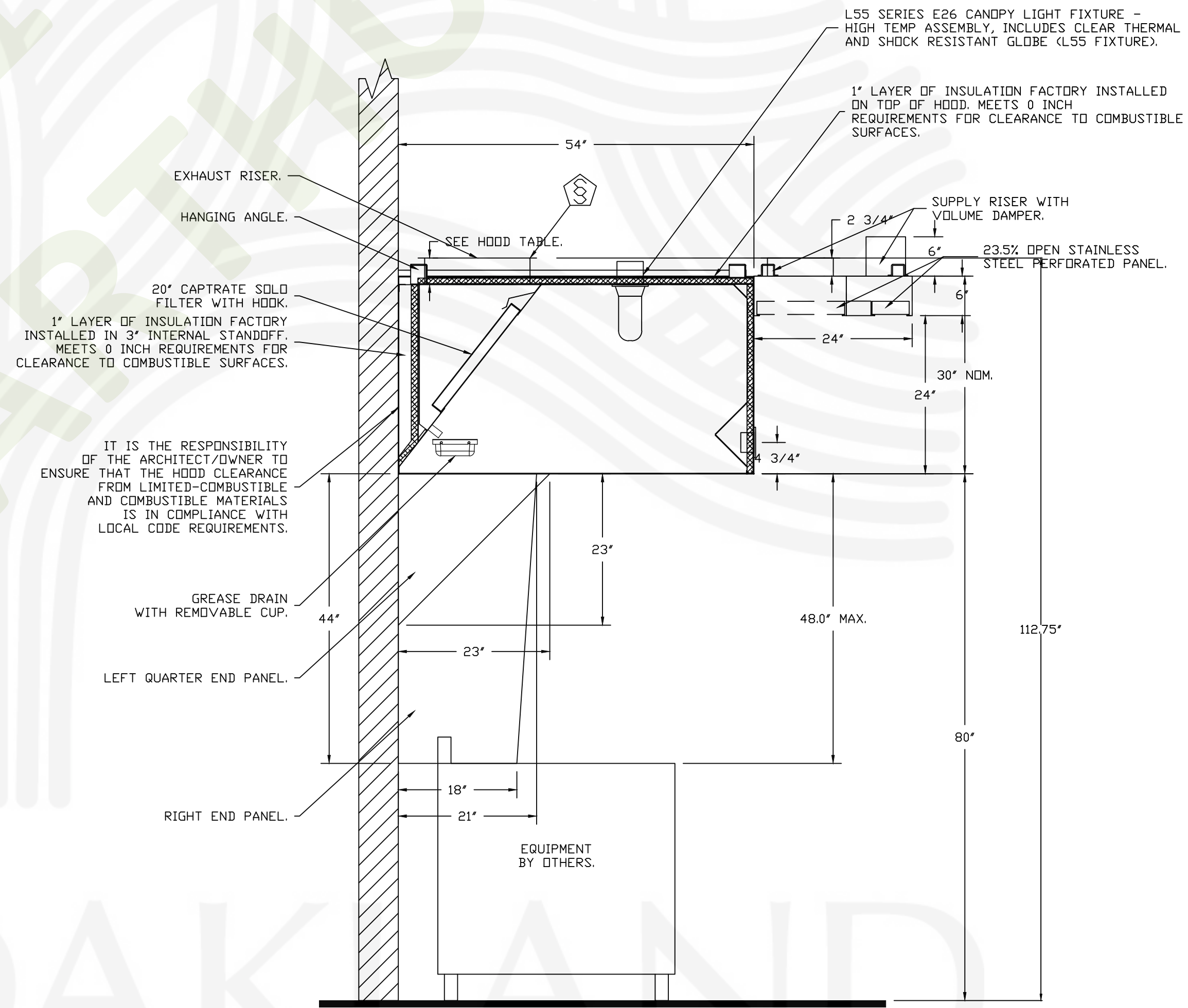


ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD, SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION BENEATH HOOD HANGING ANGLES AND ABOVE CEILING ANCHORS. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.

ASSEMBLY INSTRUCTIONS

HANGING ANGLE MUST BE SUPPORTED WITH 1/2" - 13 TPI GRADE 5 (MINIMUM) ALL-THREAD, SANDWICH HANGING ANGLES AND CEILING ANCHOR POINTS WITH 1/2" GRADE 5 (MINIMUM) STEEL FLAT WASHERS AND 1/2" - 13 TPI GRADE 5 (MINIMUM) HEX NUTS AS SHOWN. MUST USE DOUBLED HEX NUT CONFIGURATION ABOVE CEILING ANCHORS. SINGLE HEX NUT BENEATH HANGING ANGLE IS ACCEPTABLE FOR PSP HANGING ANGLES. MAINTAIN 1/4" OF EXPOSED THREADS BENEATH BOTTOM HEX NUT. TORQUE ALL HEX NUTS TO 57 FT-LBS.



SECTION VIEW - MODEL 5430ND-2-ACPSP-F HOOD - #1

ALL HVAC SUPPLY DIFFUSERS WITHIN 10' OF THE EXHAUST HOOD MUST BE PERFORATED SCREEN STYLE WITH NO DIRECTIONAL VANES. HVAC AIR MUST NOT BLOW AT THE EXHAUST HOOD OR THE APPLIANCES.

ALL HVAC RETURN GRILLS MUST BE AT LEAST 10' FROM THE EXHAUST HOOD
THE BACK OF THE FRYERS SHOULD BE NO MORE THAN 6" FROM THE WALL
REFER TO HOOD MANUAL FOR PROPER INSTALLATION

CAPTIVE-AIRE HOOD PACKAGE AS SHOWN IS OWNER PROVIDED

REVISIONS

DESCRIPTION	DATE



Wingstop Oakland CA #Y345
10700 MacArthur Boulevard,
Oakland, CA, 94605

DATE: 1/23/2023

DWG.#: 5821150

DRAWN BY: CJP-REG45

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

MASTER DRAWING

SHEET NO. H.1

FIRE SYSTEM INFORMATION – JOB#5821150

FIRE SYSTEM NO	TAG	TYPE	SIZE	FLOW POINTS	INSTALLATION	
					SYSTEM	LOCATION ON HOOD
1		TANK FS	4.0/4.0	37	FIRE CABINET LEFT	LEFT, HOOD 1

GAS VALVE(S)

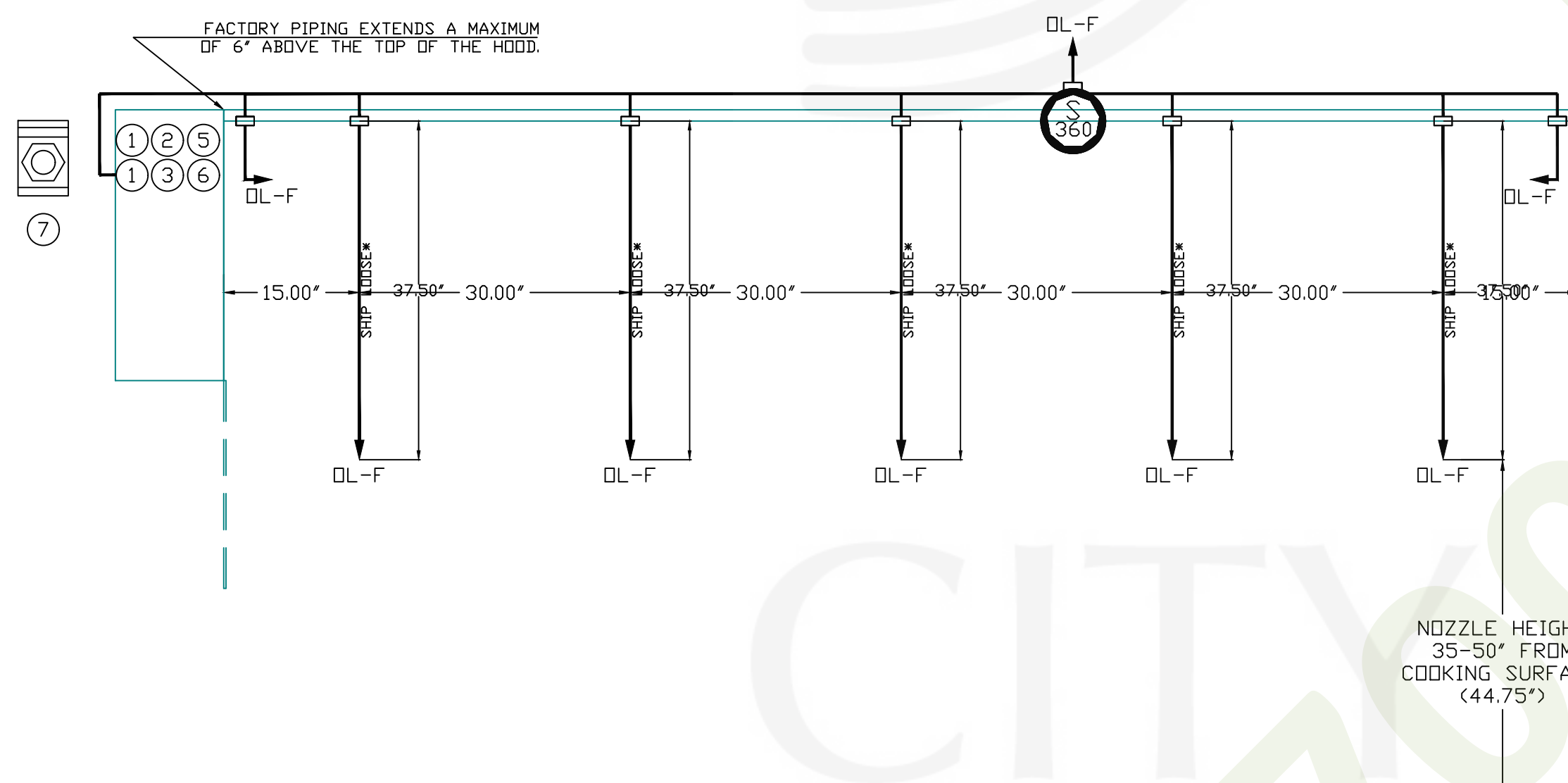
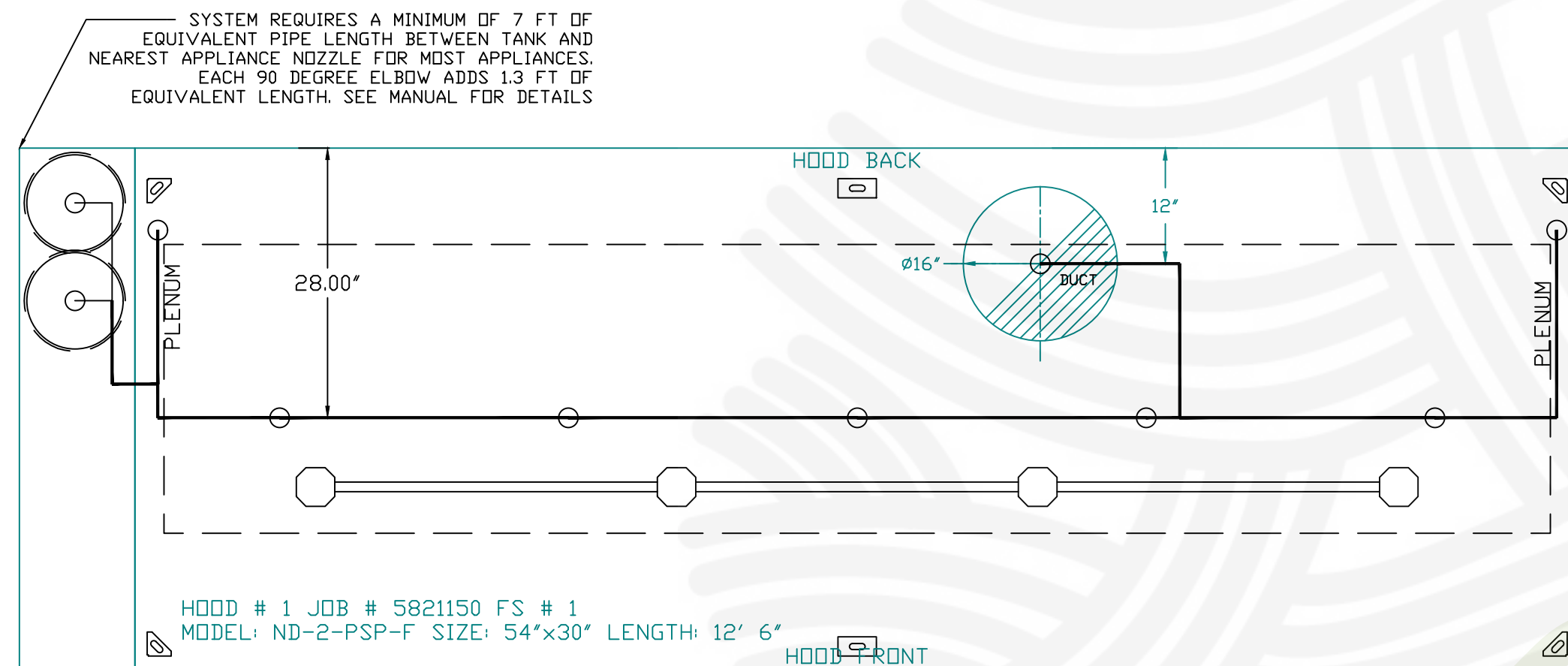
FIRE SYSTEM NO	TAG	TYPE	SIZE	SUPPLIED BY

INCLUDES: FIELD INSTALLATION AND COOKING SYSTEMS FIRE SUPPRESSION SYSTEM DURING NORMAL BUSINESS HOURS ONLY, TWO SITE VISITS ONLY (ONE VISIT FOR SYSTEM HOOKUP/INSTALL AND ONE VISIT FOR ONE TEST/FINAL WITH FIRE MARSHAL), PERMIT, AND ONE SYSTEM TEST.
 EXCLUDES: GAS VALVE INSTALLATION, ELECTRICAL HOOKUP AND ALL ELECTRICAL CONNECTIONS, HANGING OF WALL MOUNTED FIRE & ELECTRICAL CABINET(S) (IF APPLICABLE), RECESSING PULL STATION, SHUNT TRIP, HANDHELD EXTINGUISHER(S), ON-SITE RE-PIPING DUE TO EQUIPMENT LAYOUT CHANGES, ADDITIONAL SITE VISITS DUE TO CONDITIONS OUTSIDE THE INSTALLERS RESPONSIBILITY, RETEST DUE TO CONDITIONS OUTSIDE THE INSTALLERS RESPONSIBILITY, UNION LABOR & PREVAILING WAGE (LABOR & WAGES WILL BE ADDED IF APPLICABLE), CERTIFIED PAYROLL, ENGINEER STAMPING OF DRAWINGS, HORN STROBE(S), CARBON MONOXIDE DETECTOR(S).

JUNCTION BOX AND CONDUIT TO BE RECESS MOUNTED BY JOB SITE ELECTRICIAN – OTHERWISE JUNCTION BOX AND CONDUIT WILL BE SURFACE MOUNTED ON TOP OF THE WALL.

NOTES

- FIELD PIPE DROPS AS SHOWN
- SLEEVING, ELBOWS, TEES, AND NOZZLES SUPPLIED BY CAS
- RELOCATE NOZZLES IF FLOW PATTERN IS BLOCKED BY SHELVING, SALAMANDERS, ETC.
- MAXIMUM 9 ELBOWS IN SUPPLY LINE.
- MINIMUM 72 INCHES OF AGENT LINE FROM TANK TO FIRST NOZZLE.
- IF APPLICABLE, PRE-PIPED CHARBROILER DROPS ARE SHIPPED LOOSE.
- FACTORY PIPING EXTENDS A MAXIMUM OF 6" ABOVE THE TOP OF THE HOOD.
- APPLIANCE DIMENSIONS LISTED REPRESENT THE COOKING SURFACE SIZE, NOT THE OVERALL APPLIANCE SIZE.
- THIS FIRE SYSTEM COMPLIES WITH U.L. 300 REQUIREMENTS



NOTES

- FIELD PIPE DROPS AS SHOWN
- PIPING, ELBOWS, TEES, AND NOZZLES SUPPLIED BY CAS.
- FIELD INSTALLED DROP: FACTORY WILL PROVIDE QTY 2 60IN LONG PIECES OF CHROME PLATED PIPING SHIPPED LOOSE TO BE FIELD-INSTALLED.
- SHIP LOOSE DROP: FACTORY WILL PROVIDE THE EXACT CHROME PIPE LENGTH NEEDED SHIPPED LOOSE TO BE FIELD-INSTALLED.
- RELOCATE NOZZLES IF FLOW PATTERN IS BLOCKED BY SHELVING, SALAMANDERS, ETC.
- OVERLAPPING COVERAGE SHALL NOT BE USED ON ANY APPLIANCE WITH AN OBSTRUCTION.
- IF APPLICABLE, EXTENDED PRE-PIPED DROPS ARE SHIPPED LOOSE.
- FACTORY PIPING EXTENDS A MAXIMUM OF 6" ABOVE THE TOP OF THE HOOD.

- APPLIANCE DIMENSIONS LISTED REPRESENT THE COOKING SURFACE SIZE, NOT THE OVERALL APPLIANCE SIZE.

- THIS FIRE SYSTEM COMPLIES WITH U.L. 300 REQUIREMENTS.

- DL-F NOZZLE PART NUMBER REPLACES 3070-3/8H-10-SS

JOB #: 5821150.
 JOB NAME: WINGSTOP OAKLAND CA #Y345.

SYSTEM SIZE: TANK-SP-2 TOTAL FP REQUIRED: 37.
 HOOD # 1 12' 6.00' LONG x 54" WIDE x 30" HIGH.
 RISER # 1 SIZE: 16" DIA.
 HOOD # 1 METAL BLOW-OFF CAPS INCLUDED.

- HEAVY-DUTY APPLIANCES (RATED 600°F) WILL REQUIRE AN ADDITIONAL DOWNSTREAM FIRESTAT IN THE EVENT THAT THE DUCTWORK CONTAINS ANY HORIZONTAL RUNS OVER 25 FT IN LENGTH.
- MEDIUM TO LIGHT-DUTY APPLIANCES (RATED 450°F) WILL NOT REQUIRE ANY ADDITIONAL DOWNSTREAM DETECTION.

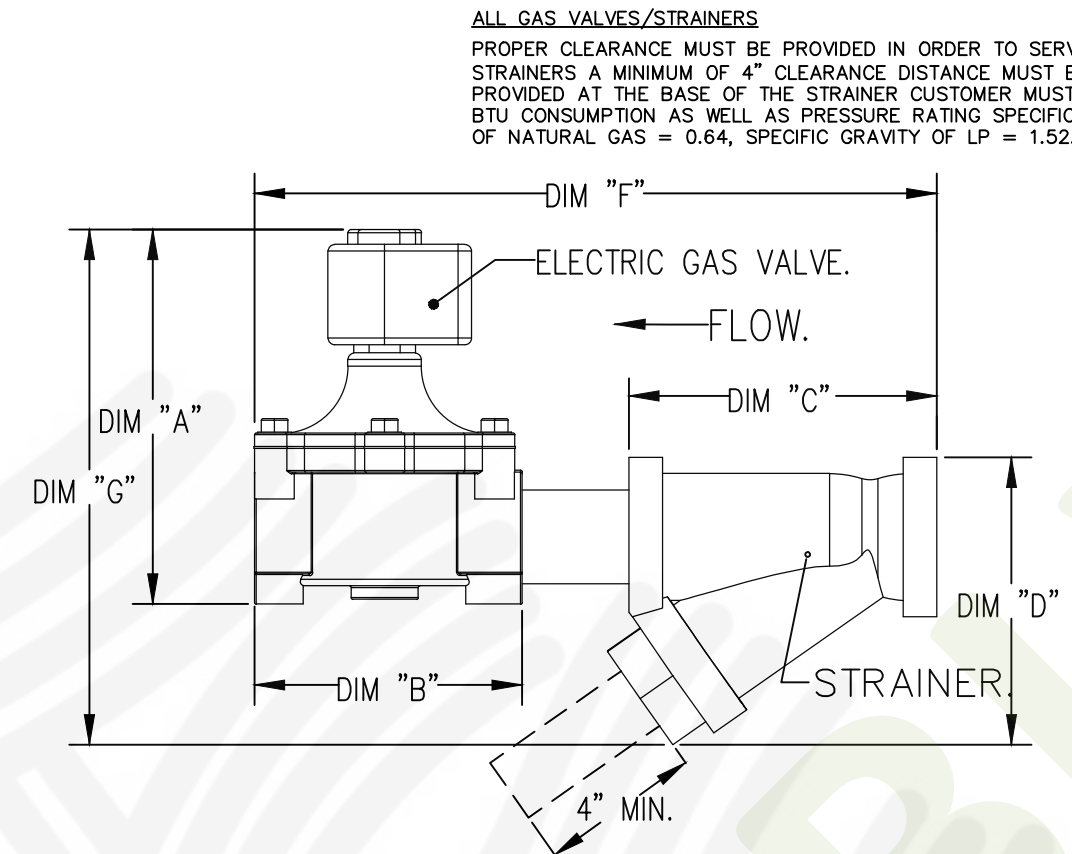
LEGEND – FIRE CABINET TANK SYSTEM

- 4 GALLON TANK.
- PRIMARY ACTUATOR RELEASE.
- SECONDARY ACTUATOR RELEASE.
- PRESSURE SUPERVISION SWITCH.
- PRIMARY HOSE ASSEMBLY.
- SECONDARY HOSE ASSEMBLY.
- REMOTE MANUAL ACTUATION DEVICE.

NOZZLE HEIGHT
 35-50' FROM
 COOKING SURFACE.
 (44.75')

TANK OVERLAPPING
 PROTECTION – 30
 HIGH PROXIMITY
 144.00" L X30.00" D

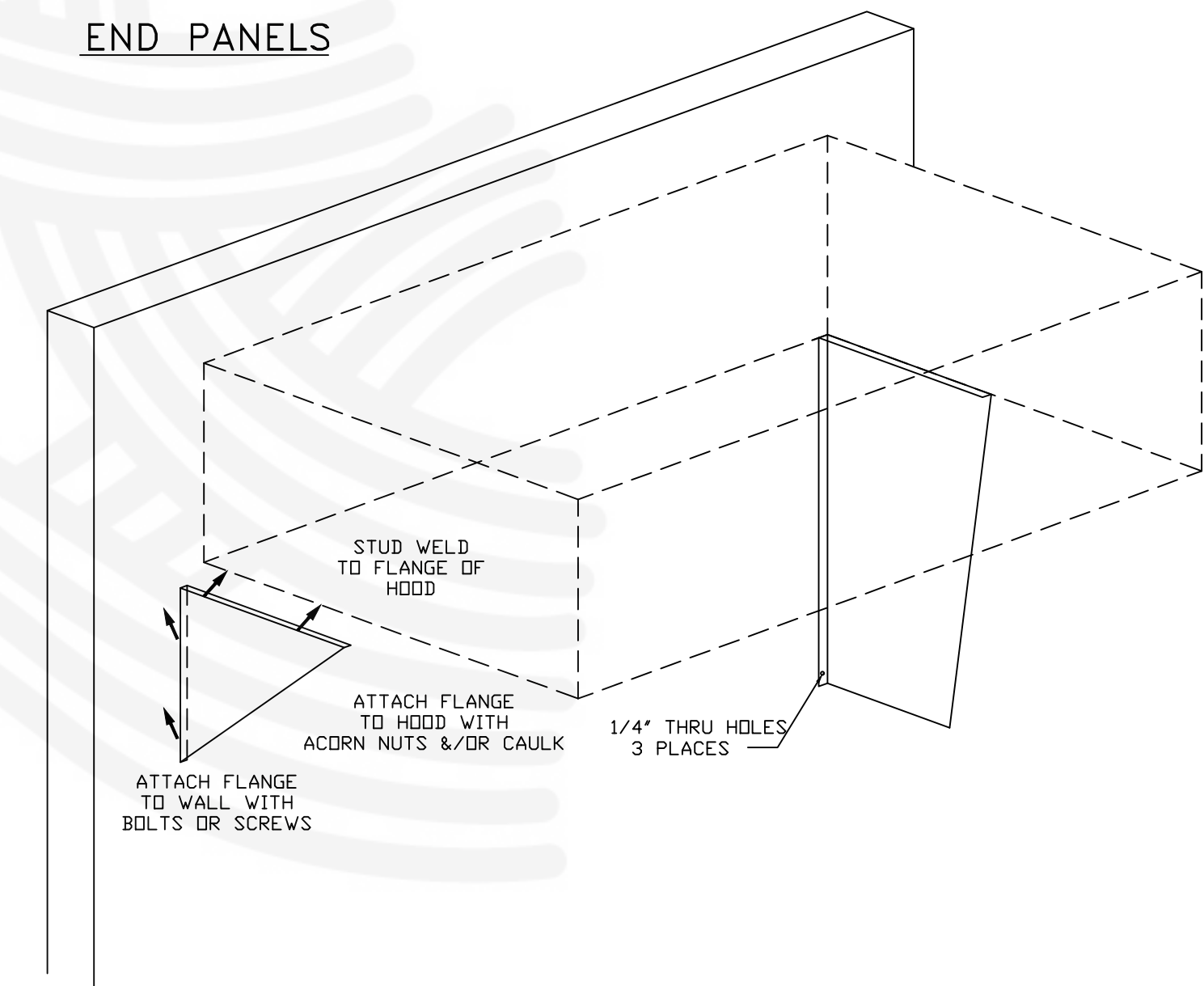
GAS VALVES AND STRAINERS																
TYPE	SIZE	VOLTAGE	GAS VALVE SIZING			GAS VALVE DIMENSIONS					INSTALLATION	PART NUMBERS				
			MIN. INLET PRESSURE	MAX. INLET PRESSURE	FLOW AT 1 IN.W.C. DROP NATURAL GAS	FLOW AT 1 IN.W.C. DROP PROPANE	DIM "A"	DIM "B"	DIM "C"	DIM "D"		DIM "E"	DIM "C"	MOUNTING ORIENTATION	GAS VALVE PART NUMBER	STRAINER PART NUMBER
ELECTRICAL	2"	120 VAC	0 PSI (0 IN.W.C.)	5 PSI (138 IN.W.C.)	2,940,500 BTU/HR	1,908,048 BTU/HR	7-5/8"	6-3/8"	7-1/4"	7-13-16"	15-5/8"	13-15/16"	HORIZONTAL/VERTICAL	8214280	4417K68	(S)CJGVA2



ALL GAS VALVES/STRAINERS
 PROPER CLEARANCE MUST BE PROVIDED IN ORDER TO SERVICE THE STRAINERS A MINIMUM OF 4" CLEARANCE DISTANCE MUST BE PROVIDED AT THE BASE OF THE STRAINER CUSTOMER MUST VERIFY BTU CONSUMPTION AS WELL AS PRESSURE RATING SPECIFIC GRAVITY OF NATURAL GAS = 0.64, SPECIFIC GRAVITY OF LP = 1.52.

CALCULATIONS
 TO CALCULATE GAS FLOW FOR OTHER THAN 1 IN.W.C. PRESSURE DROP
 NEW BTU/HR = (BTU/HR AT 1 IN.W.C. PRESSURE DROP) x NEW PRESSURE DROP^{0.5}
 TO CALCULATE GAS FLOW FOR OTHER THAN 0.64 SPECIFIC GRAVITY
 NEW BTU/HR = (BTU/HR AT 0.64) x (0.64 / NEW SPECIFIC GRAVITY)^{0.5}.

END PANELS



SYSTEM DESIGN VERIFICATION (SDV)

IF ORDERED, CAS SERVICE WILL PERFORM A SYSTEM DESIGN VERIFICATION (SDV) ONCE ALL EQUIPMENT HAS HAD A COMPLETE START UP PER THE OPERATION AND INSTALLATION MANUAL. TYPICALLY, THE SDV WILL BE PERFORMED AFTER ALL INSPECTIONS ARE COMPLETE.

ANY FIELD RELATED DISCREPANCIES THAT ARE DISCOVERED DURING THE SDV WILL BE BROUGHT TO THE ATTENTION OF THE GENERAL CONTRACTOR AND CORRESPONDING TRADES ON SITE. THESE ISSUES WILL BE DOCUMENTED AND FORWARDED TO THE APPROPRIATE SALES OFFICE. IF CAS SERVICE HAS TO RESOLVE A DISCREPANCY THAT IS A FIELD ISSUE, THE GENERAL CONTRACTOR WILL BE NOTIFIED AND BILLED FOR THE WORK. SHOULD A RETURN TRIP BE REQUIRED DUE TO ANY FIELD RELATED DISCREPANCY THAT CANNOT BE RESOLVED DURING THE SDV, THERE WILL BE ADDITIONAL TRIP CHARGES.

DURING THE SDV, CAS SERVICE WILL ADDRESS ANY DISCREPANCY THAT IS THE FAULT OF THE MANUFACTURER. SHOULD A RETURN TRIP BE REQUIRED, THE GENERAL CONTRACTOR AND APPROPRIATE SALES OFFICE WILL BE NOTIFIED. THERE WILL BE NO ADDITIONAL CHARGES FOR MANUFACTURER DISCREPANCIES.

CAPTIVE-AIRE HOOD PACKAGE AS SHOWN IS OWNER PROVIDED

REVISIONS

DESCRIPTION	DATE



Wingstop Oakland CA #Y345
 10700 MacArthur Boulevard,
 Oakland, CA, 94605

DATE: 1/23/2023

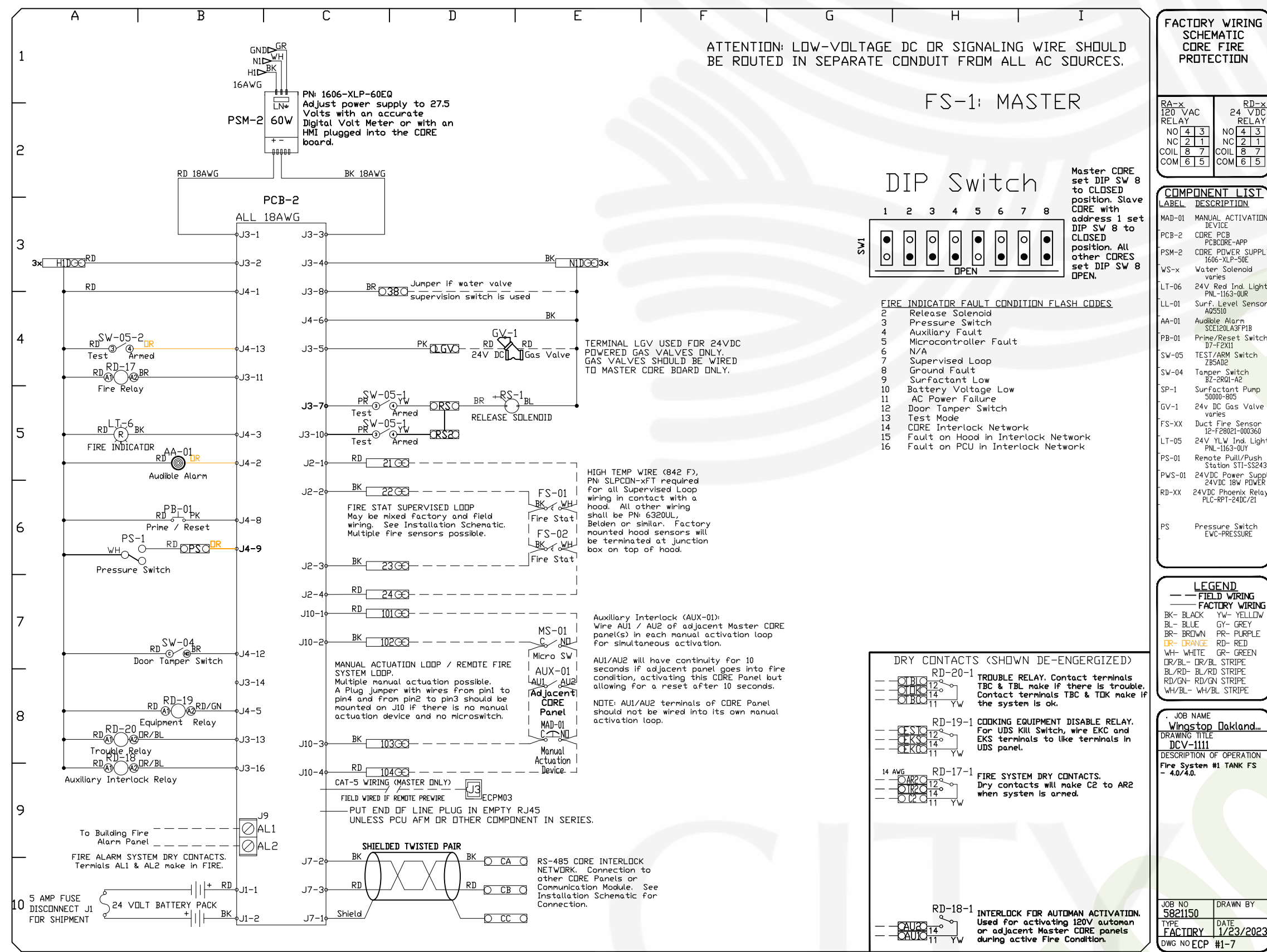
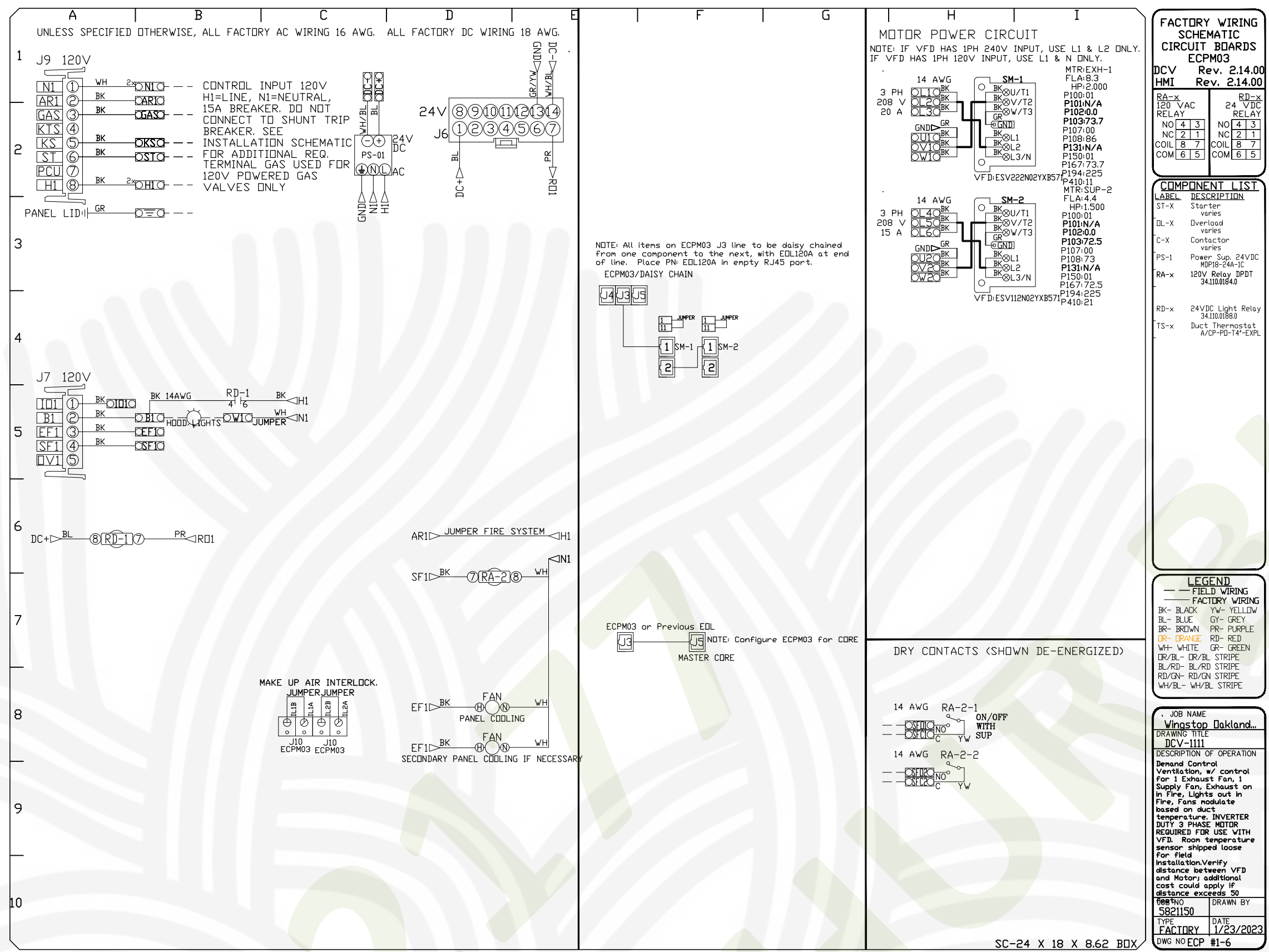
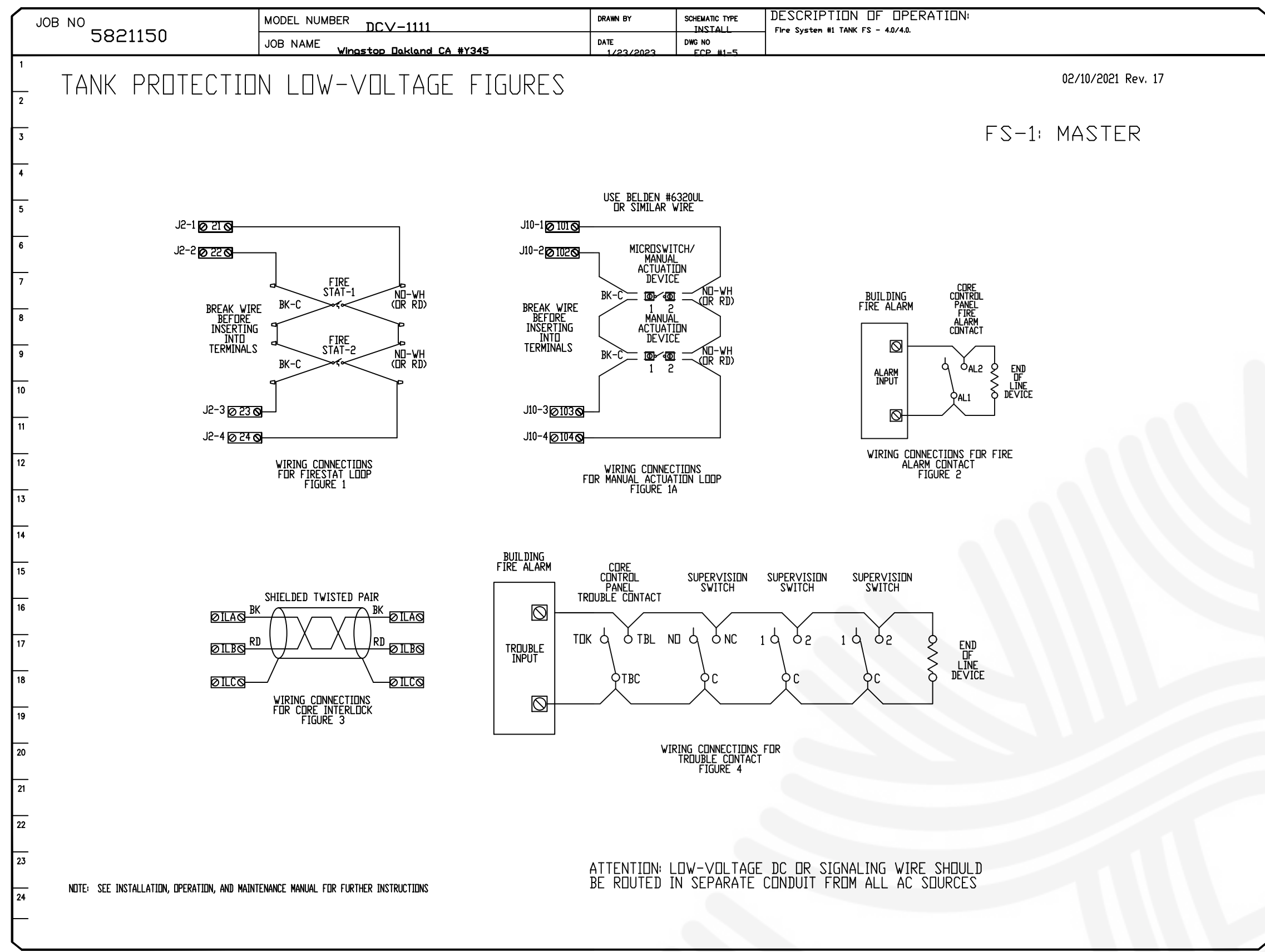
DWG.#:
 5821150

DRAWN BY: CJP-REG45

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

MASTER DRAWING

SHEET NO.
 H.2



REVISIONS

DESCRIPTION	DATE

CAPTIVE

1901 Royal Lane Suite 101, DALLAS, TX. 75229 PHONE: (214) 220-9999 FAX: (214) 220-0099 EMAIL: reg45@captivewire.com

Dallas Office

www.captivewire.com

WingsTop Oakland CA #Y345
 10700 MacArthur Boulevard,
 Oakland, CA, 94605

DATE: 1/23/2023
 DWG.#: 5821150
 DRAWN BY: CJP-REG45
 SCALE: 3/4" = 1'-0"
 MASTER DRAWING

SHEET NO. H.4

CAPTIVE-AIRE HOOD PACKAGE AS SHOWN IS OWNER PROVIDED

EXHAUST FAN INFORMATION – JOB#5821150

FAN UNIT NO	TAG	QTY	FAN UNIT MODEL #	MANUFACTURER	CFM	ESP	RPM	MOTOR ENCL	HP	BHP	PHASE	VOLT	FLA	DISCHARGE VELOCITY	WEIGHT (LBS)	SDNES
1		1	DUI80HFA	CAPTIVEAIRE	2800	1.500	1272	DDP,PREMIUM	2.000	1.4640	3	208	8.3	647 FPM	183	18.3

MUA FAN INFORMATION – JOB#5821150

FAN UNIT NO	TAG	QTY	FAN UNIT MODEL #	BLOWER	HOUSING	MIN CFM	DESIGN CFM	ESP	RPM	MOTOR ENCL	HP	BHP	PHASE	VOLT	FLA	MCA	MDCP	WEIGHT (LBS)	SDNES
2		1	A1-15D	15MF-1-MDD	A1	-	2250	0.500	2047	DDP,PREMIUM	2.000	1.3610	3	208	6.1	7.7A	15A	268	29.3

FAN OPTIONS

FAN UNIT NO	TAG	QTY	DESCRIPTION
1		1	GREASE BOX
1		1	2 YEAR PARTS WARRANTY
2		1	SIZE 1 UNTEMPERED COMMERCIAL DOWN DISCHARGE FOR DIRECT DRIVE AHUS
2		1	2 YEAR PARTS WARRANTY

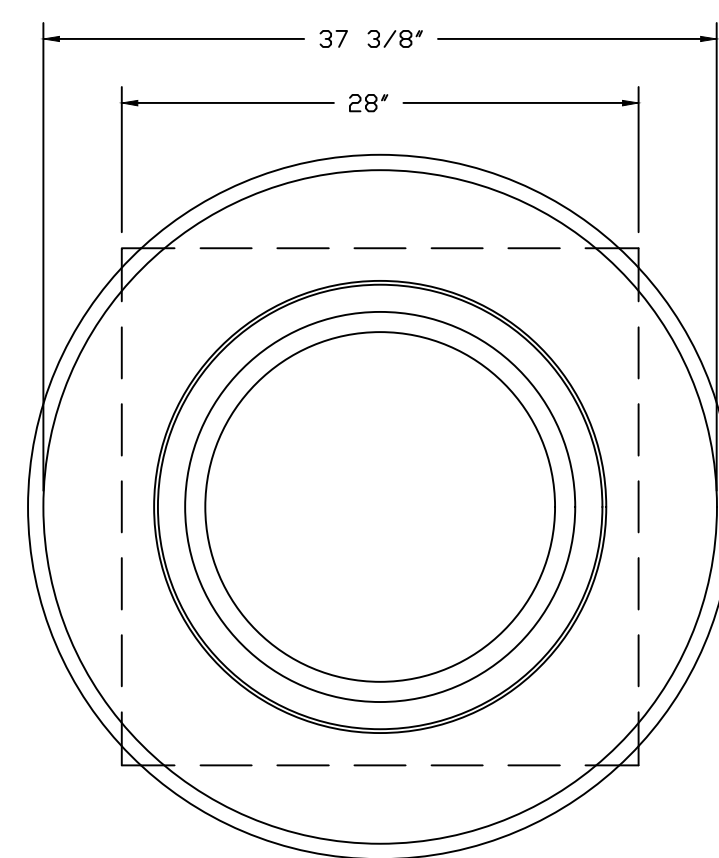
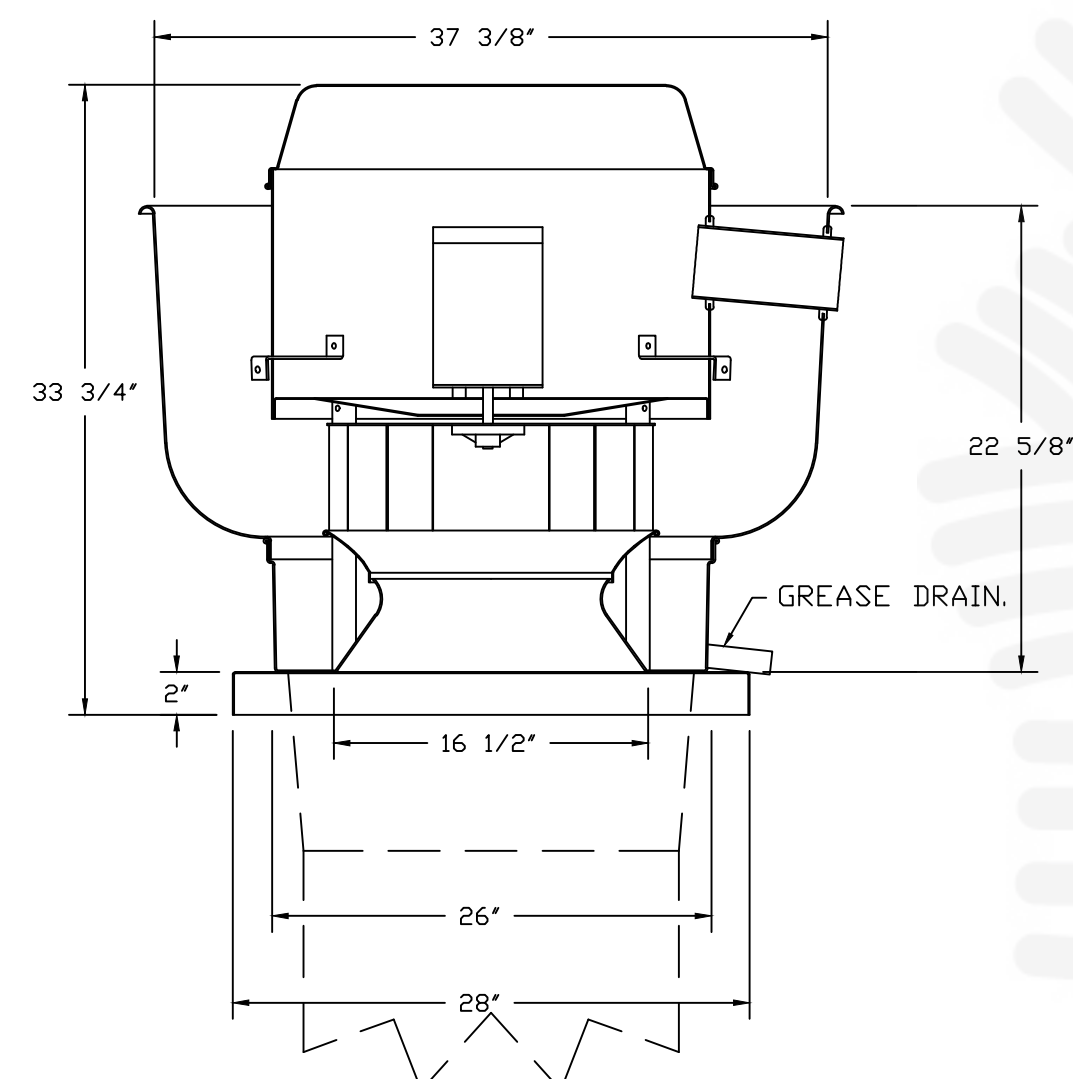
FAN ACCESSORIES

FAN UNIT NO	TAG	EXHAUST				SUPPLY			
		GREASE CUP	GRAVITY DAMPER	WALL MOUNT	SIDE DISCHARGE	GRAVITY DAMPER	MOTORIZED DAMPER	WALL MOUNT	
1		YES							

CURB ASSEMBLIES

NO	ON FAN	WEIGHT	ITEM	SIZE
1	# 1	52 LBS	CURB	26.500"W X 26.500"L X 24.000"H ALONG LENGTH, RIGHT VENTED HINGED.
2	# 2	29 LBS	CURB	21.000"W X 21.000"L X 20.000"H ALONG LENGTH, RIGHT.

FAN #1 DUI80HFA – EXHAUST FAN



TOP VIEW

REFER TO FAN MANUALS REGARDING PROPER STARTUP AND INSTALLATION

CAPTIVE-AIRE HOOD PACKAGE AS SHOWN IS OWNER PROVIDED

FEATURES:

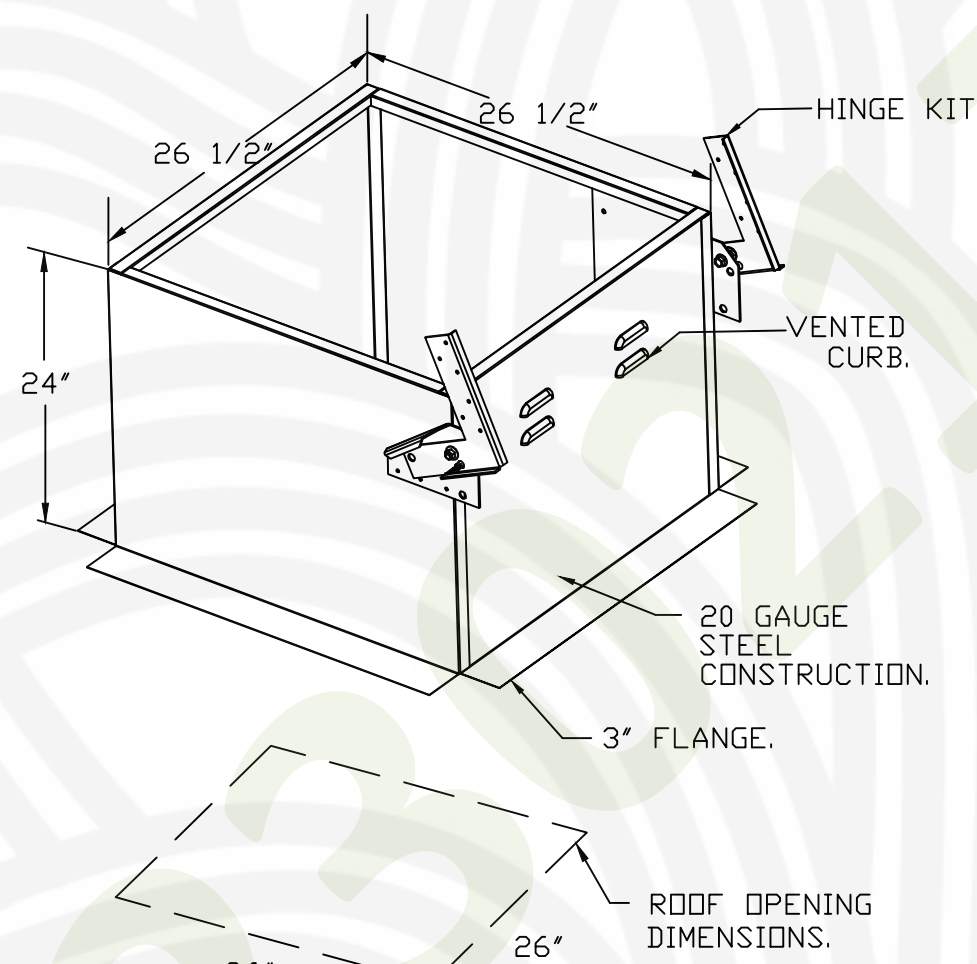
- DIRECT DRIVE CONSTRUCTION (NO BELTS/PULLEYS).
- ROOF MOUNTED FANS.
- RESTAURANT MODEL.
- UL705 AND UL762 AND ULC-S645
- VARIABLE SPEED CONTROL.
- INTERNAL WIRING.
- THERMAL OVERLOAD PROTECTION (SINGLE PHASE).
- HIGH HEAT OPERATION 300°F (149°C).
- GREASE CLASSIFICATION TESTING.
- NEMA 3R SAFETY DISCONNECT SWITCH.

NORMAL TEMPERATURE TEST
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F (149°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM, AND WITHOUT ANY DETRIMENTAL EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.

ABNORMAL FLARE-UP TEST
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING BURNING GREASE VAPORS AT 600°F (316°C) FOR A PERIOD OF 15 MINUTES WITHOUT THE FAN BECOMING DAMAGED TO ANY EXTENT THAT COULD CAUSE AN UNSAFE CONDITION.

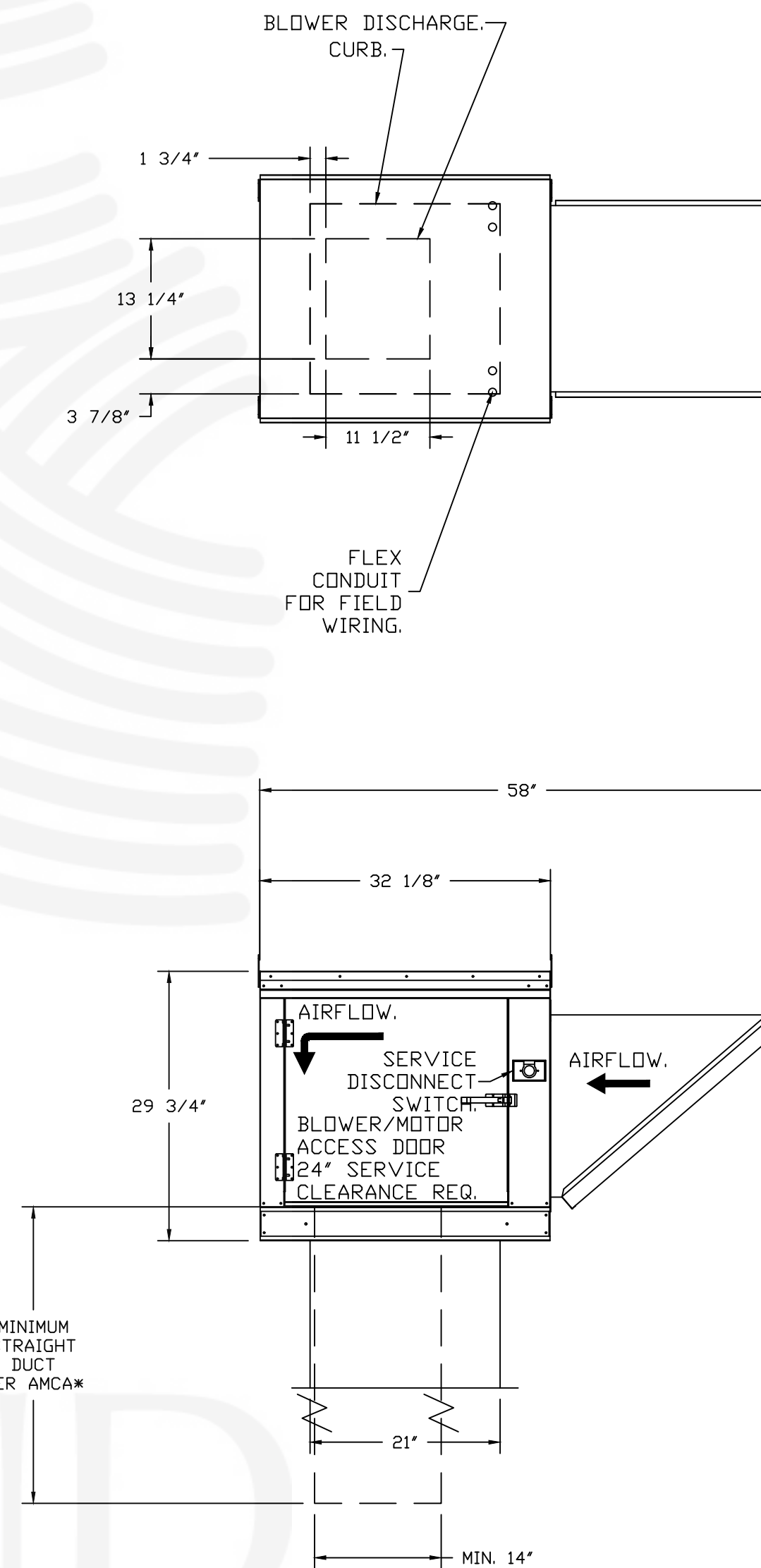
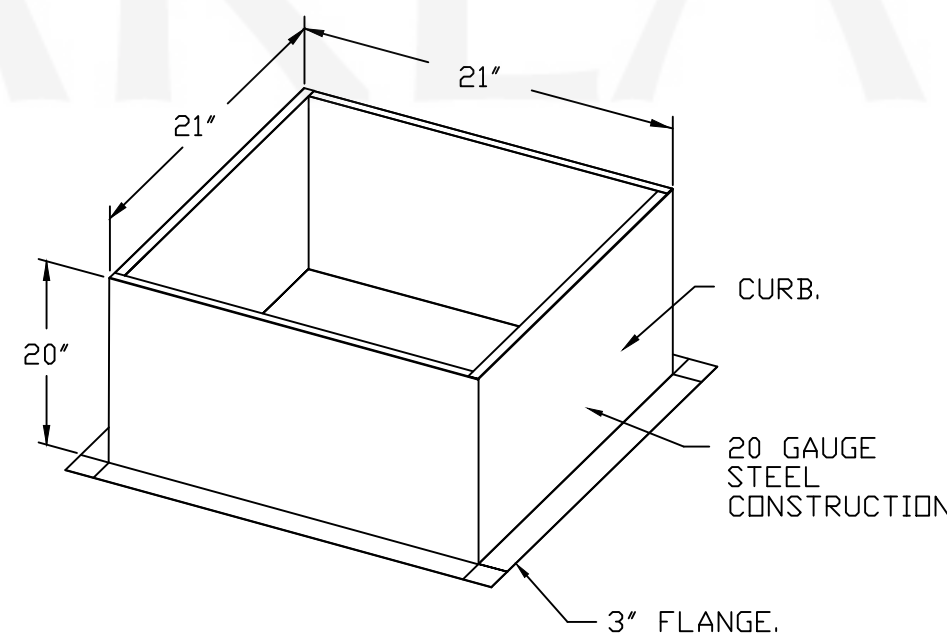
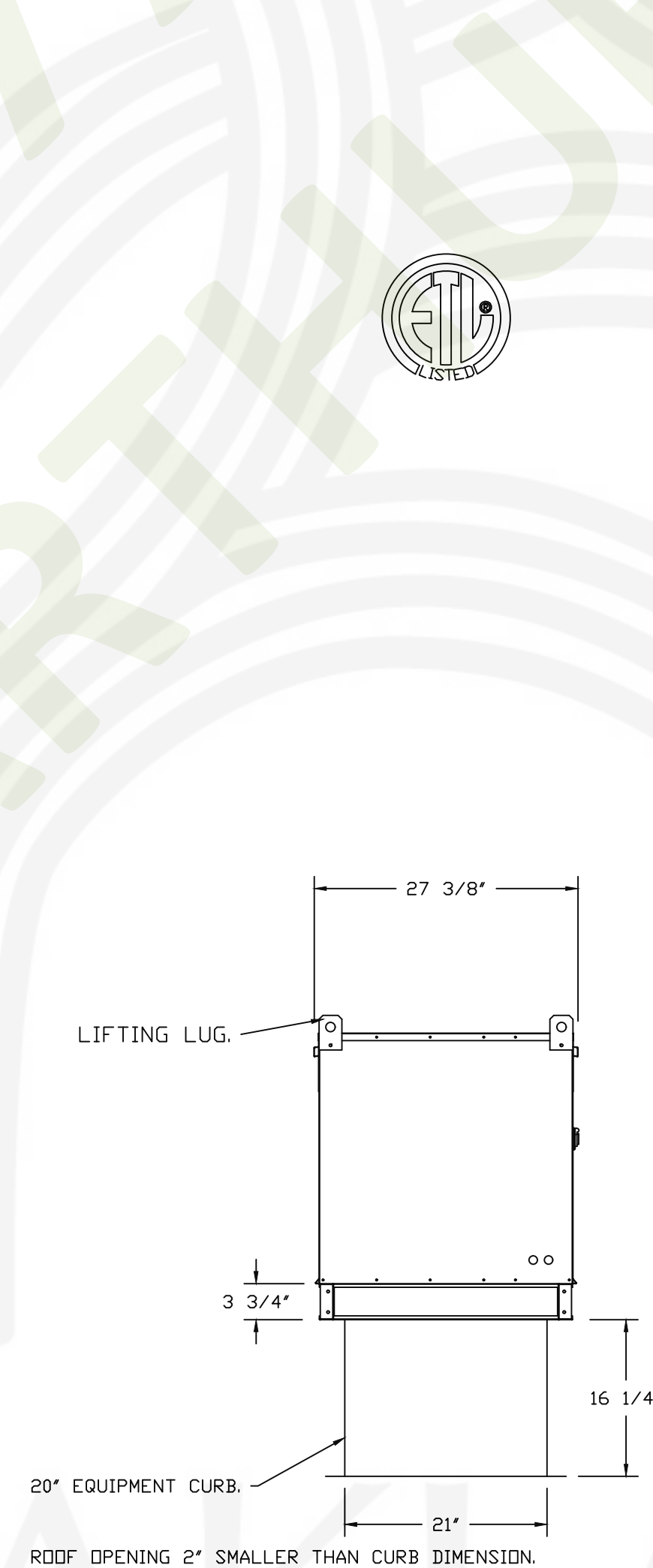
OPTIONS

- GREASE BOX.
- 2 YEAR PARTS WARRANTY.



- FAN #2 A1-15D – SUPPLY FAN
1. UNTEMPERED SUPPLY UNIT WITH 15" MIXED FLOW DIRECT DRIVE FAN IN SIZE #1 HOUSING.
 2. INTAKE HOOD WITH EZ FILTERS-LOW CFM.
 3. DOWN DISCHARGE – AIR FLOW RIGHT → LEFT.
 4. DOWN DISCHARGE CONSTRUCTION FOR SIZE 1 UNTEMPERED DIRECT DRIVE AHUS.
 5. HINGED DOUBLE WALL INSULATED DOOR ASSEMBLY (BURNER/BLOWER SECTION).
 6. 2 YEAR PARTS WARRANTY

*NOTE: SUPPLY DUCT MUST BE INSTALLED TO MEET SMACNA STANDARDS. A MINIMUM STRAIGHT DUCT LENGTH MUST BE MAINTAINED DOWNSTREAM OF UNIT DISCHARGE AS OUTLINED IN AMCA PUBLICATION 201. WHEN USING RECTANGULAR DUCTWORK, ELBOWS SHOULD BE RADIUS THROAT, RADIUS BACK WITH TURNING VANES. FLEXIBLE DUCTWORK AND SQUARE THROAT/SQUARE BACK ELBOWS SHOULD NOT BE USED. ANY TRANSITION AND/OR TURNS IN THE DUCTWORK WILL CAUSE SYSTEM EFFECT. SYSTEM EFFECT WILL DRASTICALLY INCREASE STATIC PRESSURE AND REDUCE AIRFLOW. DO NOT RELY ON UNIT TO SUPPORT DUCT IN ANY WAY. FAILURE TO PROPERLY SIZE DUCTWORK MAY CAUSE SYSTEM EFFECTS AND REDUCE PERFORMANCE OF THE EQUIPMENT. SUGGESTED STRAIGHT DUCT SIZE IS 14" X 14".



REVISIONS

DESCRIPTION	DATE

CAPTIVEAIRE

1901 Royal Lane Suite 101, DALLAS, TX, 75229 PHONE: (214) 220-3999 FAX: (214) 220-0099 EMAIL: reg4@captivaire.com

Wingstop Oakland CA #Y345
10700 MacArthur Boulevard,
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DATE: 1/23/2023
DWG.#: 5821150
DRAWN BY: CJP-REG45
SCALE: 3/4" = 1'-0"
MASTER DRAWING

SHEET NO. H.5

DUCTWORK #1 PARTS - JOB#5821150 DOUBLE WALL FOR 16' ROOF DECK

TAG	PART #	CFM	GPM	ZONE	COVEREDBY	SP	WEIGHT	VELOCITY	QTY	DESCRIPTION
P1	DW1611DWLT-2R-S	2800				-0.006	16.52	2005.35	1	DOUBLE WALL DUCT - 16" INNER DUCT, 11' LONG - 2 LAYERS REDUCED CLEARANCE - 20" STAINLESS STEEL OUTER SHELL.
P2 ASSEMBLED W/P3	DW16DWTEASY-2R-S	2800		1		-0.18	49.32	2005.35	1	DOUBLE WALL DUCT - 16" INNER TEE DUCT - 2 LAYERS REDUCED CLEARANCE - 20" STAINLESS STEEL OUTER SHELL.
P3 ASSEMBLED W/P2 D=S	DW16DWACDDORCOV-2R-S						21.48		1	DOUBLE WALL DUCT - 16" INNER ACCESS DOOR & 20" ACCESS DOOR COVER WITH CLAMPS - 2 LAYERS REDUCED CLEARANCE - 20" STAINLESS STEEL OUTER SHELL.
P4	DW1602DWFFSETASY-2R-S	2800				-0.004	14.03	2005.35	1	DOUBLE WALL DUCT - 16" INNER DUCT RISER & 2 DEGREE OFFSET - 2 LAYERS REDUCED CLEARANCE - 20" STAINLESS STEEL OUTER SHELL.
P5	DW1647DWLT-2R-S	2800				-0.0245	70.12	2005.35	1	DOUBLE WALL DUCT - 16" INNER DUCT, 47' LONG - 2 LAYERS REDUCED CLEARANCE - 20" STAINLESS STEEL OUTER SHELL.
P6	DW1647DWAJD-2R-S	2800				-0.0195	103.34	2005.35	1	DOUBLE WALL ADJUSTABLE DUCT - 16" INNER DUCT - 2 LAYERS REDUCED CLEARANCE - 20" STAINLESS STEEL OUTER SHELL. MIN LENGTH = 11' / MAX LENGTH = 48.5' / ADJUSTMENT = 30.5' / ADJUSTABLE SECTION MAY NEED TO BE CUT. INCLUDES SINGLE AND DOUBLE WALL *V* CLAMPS.
P7	DW2024SADKIT						8.01		1	DUCT - HORIZONTAL SADDLE SUPPORT KIT, USED WITH 20" DD - INCLUDES UNI-STRUT CUT TO LENGTH, DW2024SAD, & HARDWARE BAG 4.
P8	DW2024SADKIT						8.01		1	DUCT - HORIZONTAL SADDLE SUPPORT KIT, USED WITH 20" DD - INCLUDES UNI-STRUT CUT TO LENGTH, DW2024SAD, & HARDWARE BAG 4.
P9 ASSEMBLED W/P10	DW16DWTEASY-2R-S	2800		1		-0.144	49.32	2005.35	1	DOUBLE WALL DUCT - 16" INNER TEE DUCT - 2 LAYERS REDUCED CLEARANCE - 20" STAINLESS STEEL OUTER SHELL.
P10 ASSEMBLED W/P9 D=S	DW16DWACDDORCOV-2R-S						21.48		1	DOUBLE WALL DUCT - 16" INNER ACCESS DOOR & 20" ACCESS DOOR COVER WITH CLAMPS - 2 LAYERS REDUCED CLEARANCE - 20" STAINLESS STEEL OUTER SHELL.
P11	DW1602DWFFSETASY-2R-S	2800				-0.004	14.03	2005.35	1	DOUBLE WALL DUCT - 16" INNER DUCT RISER & 2 DEGREE OFFSET - 2 LAYERS REDUCED CLEARANCE - 20" STAINLESS STEEL OUTER SHELL.
P12	DW1647DWAJD-2R-S	2800				-0.016	103.34	2005.35	1	DOUBLE WALL ADJUSTABLE DUCT - 16" INNER DUCT - 2 LAYERS REDUCED CLEARANCE - 20" STAINLESS STEEL OUTER SHELL. MIN LENGTH = 11' / MAX LENGTH = 48.5' / ADJUSTMENT = 30.5' / ADJUSTABLE SECTION MAY NEED TO BE CUT. INCLUDES SINGLE AND DOUBLE WALL *V* CLAMPS.
P13 ASSEMBLED W/P14	DW162150DWLTP-2R-S	2800				-0.011	32.92	2005.35	1	DOUBLE WALL DUCT - 16" INNER DUCT, 21.5' LONG - 2 LAYERS REDUCED CLEARANCE - 20" STAINLESS STEEL OUTER SHELL - USED WITH TRANSITION PLATE.
P14 ASSEMBLED W/P13	DW2616TPDBEX	2800					9.00	2005.35	1	DUCT TO CURB TRANSITION 3/4" DOWN TURN, 26 1/2" CURB TO 16" DUCT, 16 GA ALUMINIZED. USED ON NCA16FA / NCA16HPFA & NCA18FA / NCA18HPFA. TRANSITION PLATE DD IS 27.00" DESIGNED FOR USE WITH EXHAUST FAN. NON-STANDARD PART.
SYSTEM AT P14						-1.492	0.00			
	3M-2000PLUS						0.80		3	DUCT - 3M FIRE BARRIER 2000 PLUS SILICONE - USED AS SEALANT TO SEAL DUCT JOINTS.
	735602000						52.00		3	DUCT - DUCT INSULATION FOR ZERO CLEARANCE TO COMBUSTIBLES - 300" X 24" X 1-1/2" ROLL. UNIFRAX Fyrewrap ELITE 1.5.
	BANDING.5						5.00		1	DUCT - FIRE BARRIER WRAP STAINLESS STEEL BANDING .5" WIDTH - 200 FT PER ROLL.
	DW16DWCLASY-2R-S						7.96		4	DUCT - 16" DUCT - 20" DOUBLE *V* CLAMP - 2R INSULATION & SINGLE *V* CLAMP INCLUDED - REDUCED CLEARANCE.
	SEAL.50-50						0.50		1	DUCT - FIRE BARRIER WRAP STAINLESS STEEL BANDING SEAL .5" WIDTH. QUANTITY OF 50.
	TAPEALUM						0.25		1	DUCT - FIRE BARRIER WRAP ALUMINUM FOIL TAPE - 3" X 150' ROLL.
ADDITIONAL PARTS										
EXTRA-1	DW1607LT						4.14		2	SINGLE WALL DUCT 16" DIAMETER, 7' LONG, FLANGE AT BOTH ENDS. STAINLESS STEEL.
EXTRA-2	DW16CLASY						1.18		2	DUCT *V* CLAMP WITH NEW DESIGN 14 GA BRACKETS, 16" DUCT, ASSEMBLY.
TOTAL WEIGHT							727.55			

DOUBLE WALL FACTORY BUILT DUCTWORK

- ALL DUCTWORK IS REQUIRED TO BE INSTALLED WITH THE MAXIMUM SUPPORT SPACING LISTED BELOW.
- FOR A COMPLETE LIST OF APPROVED SUPPORT METHODS, SEE THE ENTIRE INSTALLATION AND OPERATION MANUAL
- DUCTWORK SHALL SLOPE NOT LESS THAN 1/16" PER LINEAR FOOT TOWARDS THE HOOD OR AN APPROVED GREASE COLLECTION RESERVOIR.
- WHERE HORIZONTAL DUCTS EXCEED 75 FEET IN LENGTH, THE SLOPE SHALL NOT BE LESS THAN 3/16" PER LINEAR FOOT.

HORIZONTAL	
DUCT DIAMETER	SUPPORT SPACING (FT)
5"	7'
6"	7'
7"	7'
8"	7'
10"	7'
12"	7'
14"	7'
16"	7'
18"	5'
20"	5'
22"	5'
24"	5'
26"	5'
28"	5'
30"	5'
32"	5'
34"	5'
36"	5'

VERTICAL			
TYPE	WALL SUPPORT (FT)	CURB SUPPORT (FT)	FLOOR SUPPORT (FT)
2R & 2R HT (5'-16')	20'	24'	24'
2R (18")	18'	24'	24'
3R & 3Z (5'-24')	10'	24'	24'
3Z (26' -36')	10'	20'	20'

Model DW Series is ETL Listed under file number 3114021, and complies with UL-1978, as well as CAN/ULC-S662.

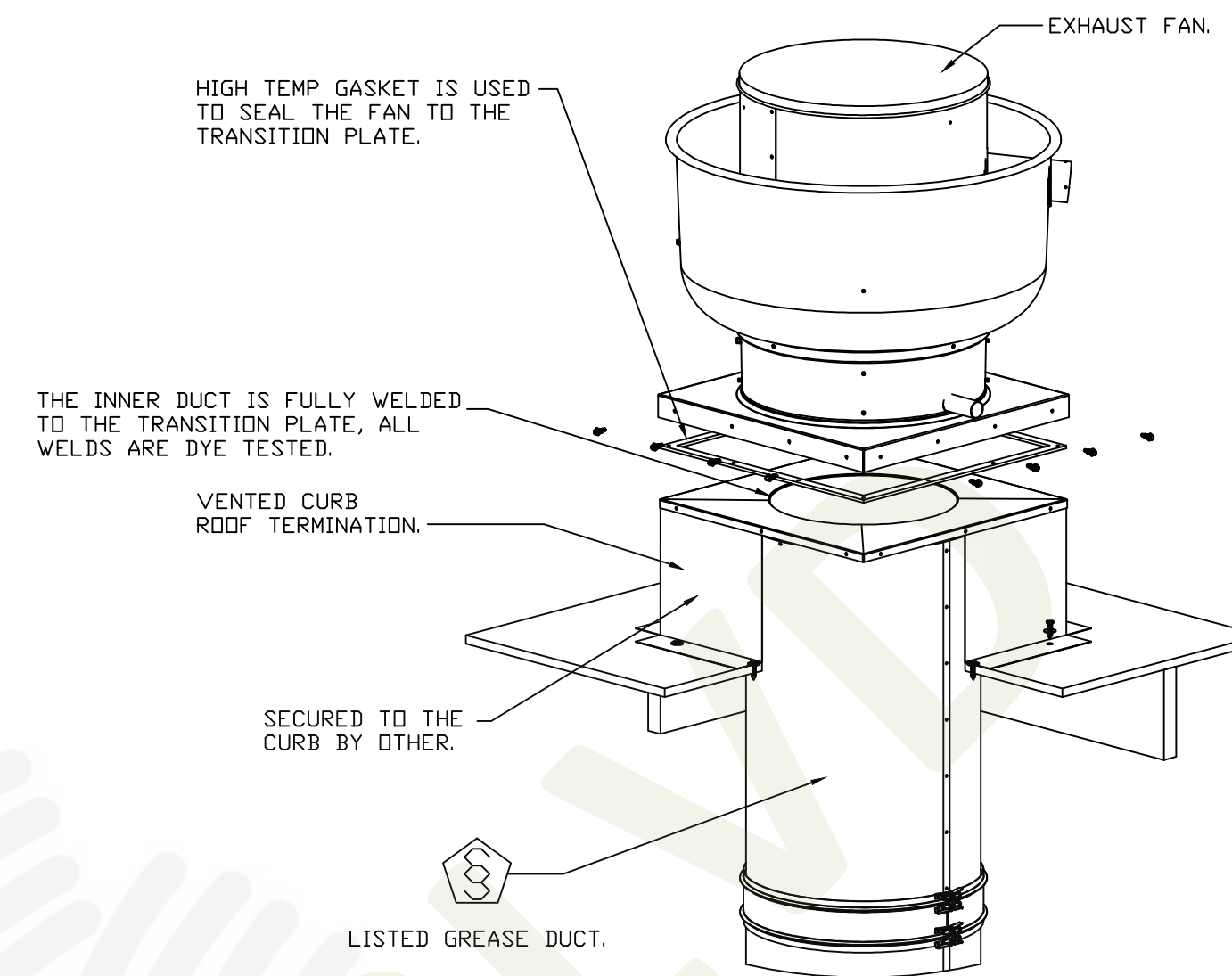
The DW Series has been certified by ITS. This certification mark indicates that the product has been tested to and has met the minimum requirements of a widely recognized (consensus) U.S. and Canadian products safety standards, that the manufacturing site has been audited, and that the applicant has agreed to a program of periodic factory follow-up inspections to verify continued performance.



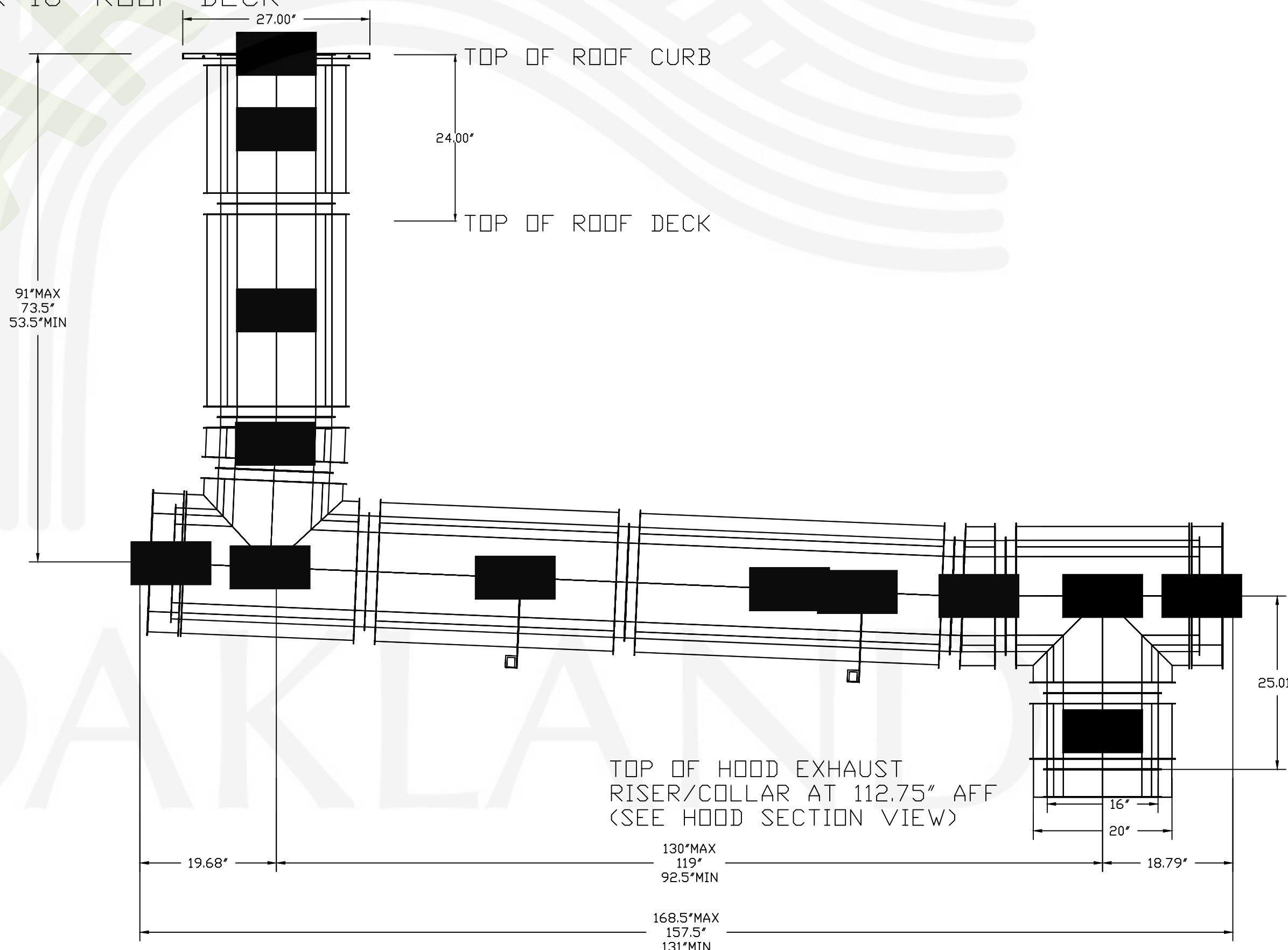
UL 1978 -Standard for Grease Duct
 UL 2221 -Fire Resistive Grease Duct Enclosure Assemblies
 NFPA 96 -Installation Standard
 ASTM E2336 -Test Method For Fire Resistive Grease Duct Enclosure System

DO NOT LEAK TEST USING SMOKE BOMBS CONTAINING CHLORINES/CHLORIDES. CONSULT WITH CAPTIVEAIRE FOR PROPER LEAK TESTING METHODS.

MINIMUM CLEARANCE TO COMBUSTIBLES			
DUCT DIAMETER	COMBUSTIBLES	LIMITED COMBUSTIBLES	NON COMBUSTIBLES
8"	18"	3"	0"
10"	18"	3"	0"
12"	18"	3"	0"
14"	18"	3"	0"
16"	18"	3"	0"
18"	18"	3"	0"
20"	18"	3"	0"
24"	18"	3"	0"



DUCTWORK #1 SIDE VIEW FOR 16' ROOF DECK



CAPTIVE-AIRE HOOD PACKAGE AS SHOWN IS OWNER PROVIDED

REVISIONS	
DESCRIPTION	DATE

CAPTIVEAIRE

Dallas Office

1901 Royal Lane Suite 101, DALLAS, TX, 75229 PHONE: (214) 220-3999 FAX: (214) 220-0099 EMAIL: reg45@captiveaire.com

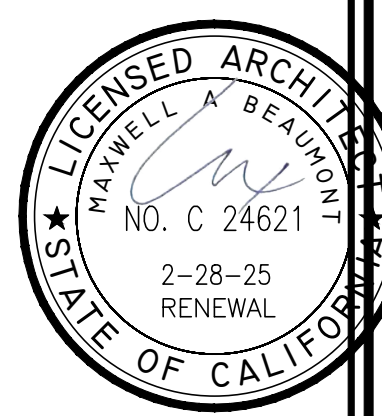
Wingstop Oakland CA #Y345
 10700 MacArthur Boulevard,
 Oakland, CA, 94605

DATE: 1/23/2023
 DWG.#: 5821150
 DRAWN BY: CJP-REG45
 SCALE: 3/4" = 1'-0"
 MASTER DRAWING

SHEET NO. H.6

REV.	DATE	NO.
5/26/23		1

ARCHITECT:
 BEAUFONT & ASSOCIATES
 MAXWELL A. BEAUFONT, ARCHITECT
 EMERYVILLE, CALIFORNIA
 DESIGN@ACUTE-CONSULTING.COM

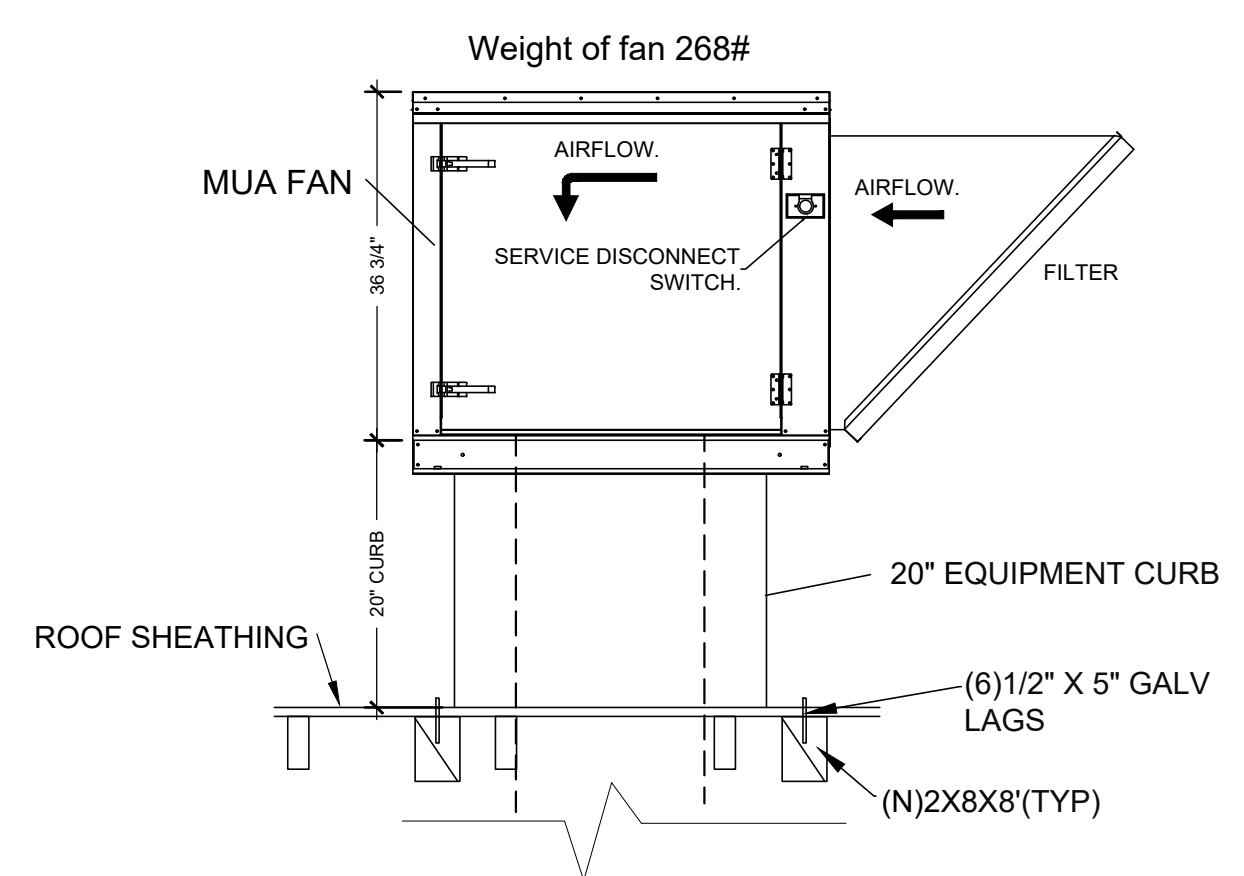


Acute Consulting, Inc.
 29 ORINDA WAY, #1267
 ORINDA, CA 94563
 925-818-4132

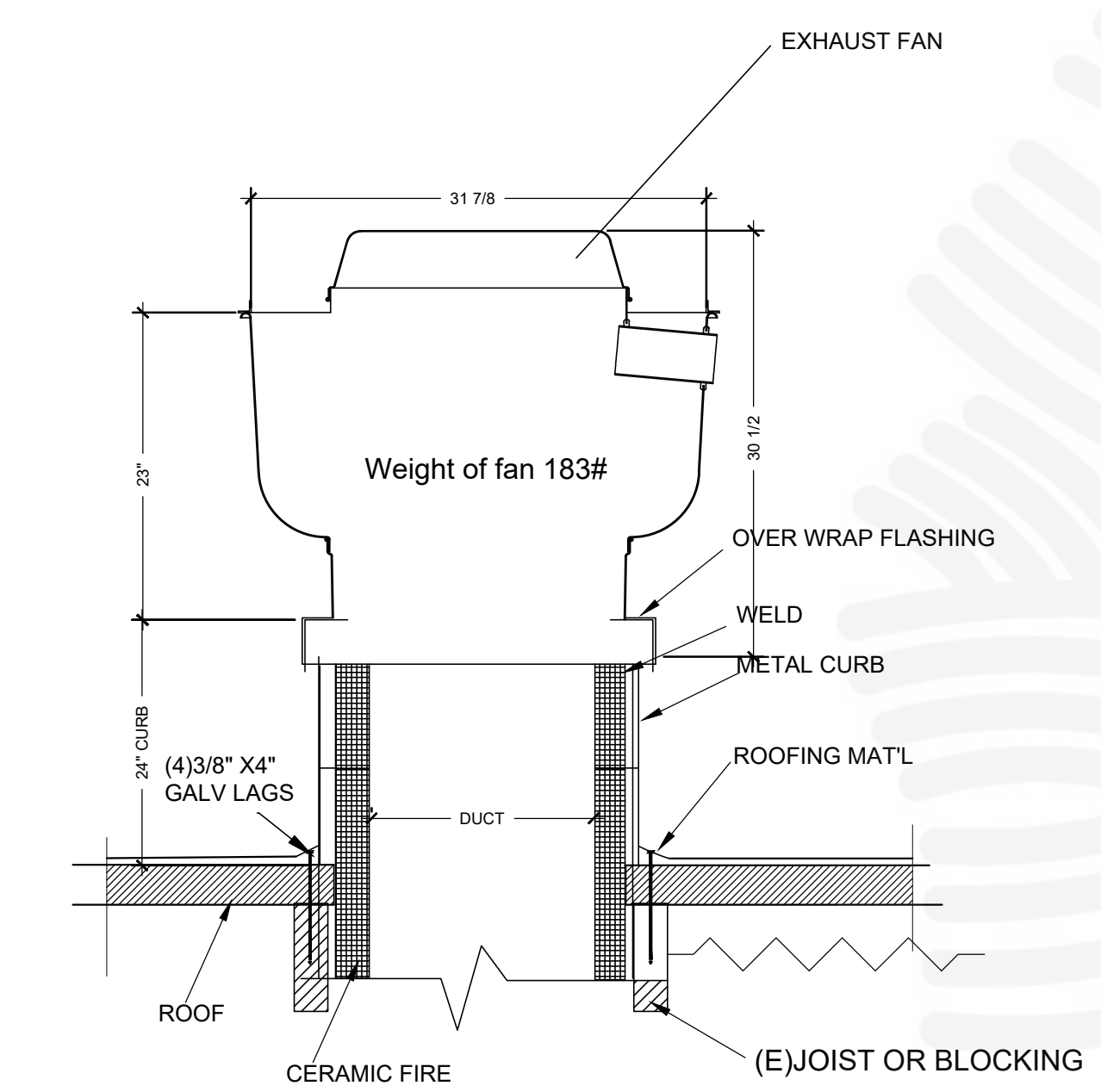
WING STOP RESTAURANT
 FOOTHILL SQUARE
 10700 MACARTHUR BLVD. #2A
 OAKLAND, CA 94605
 STORE G.L.#Y345

DWG DATE:
 2/6/23
 DRAWN BY:
 MSD

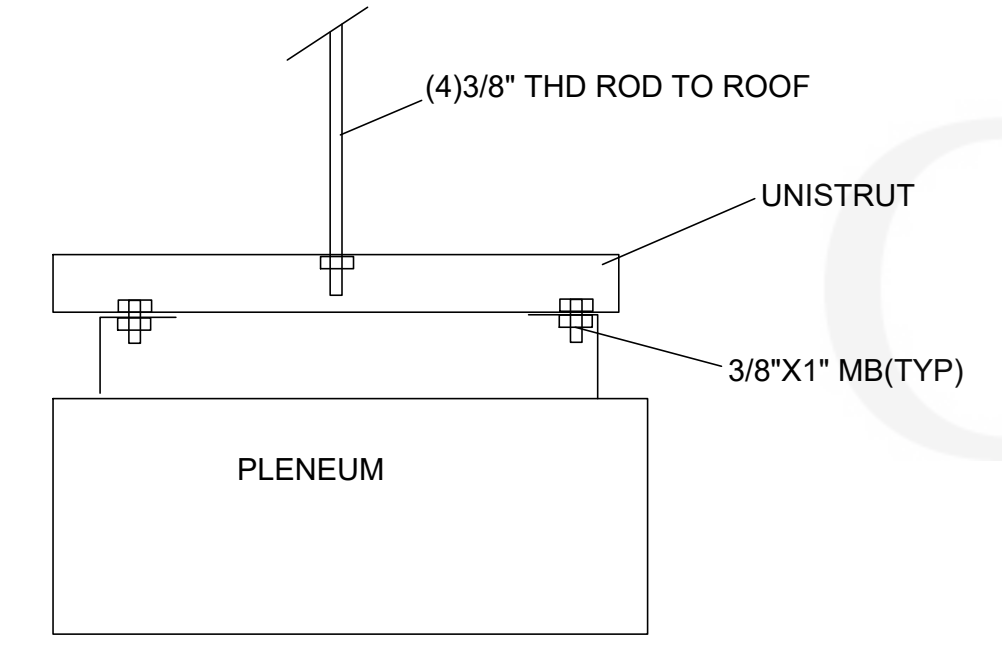
HOOD
 INSTALLATION
H.7



2
H.7
 MUA FAN ROOF SUPPORT DETAIL
 NTS

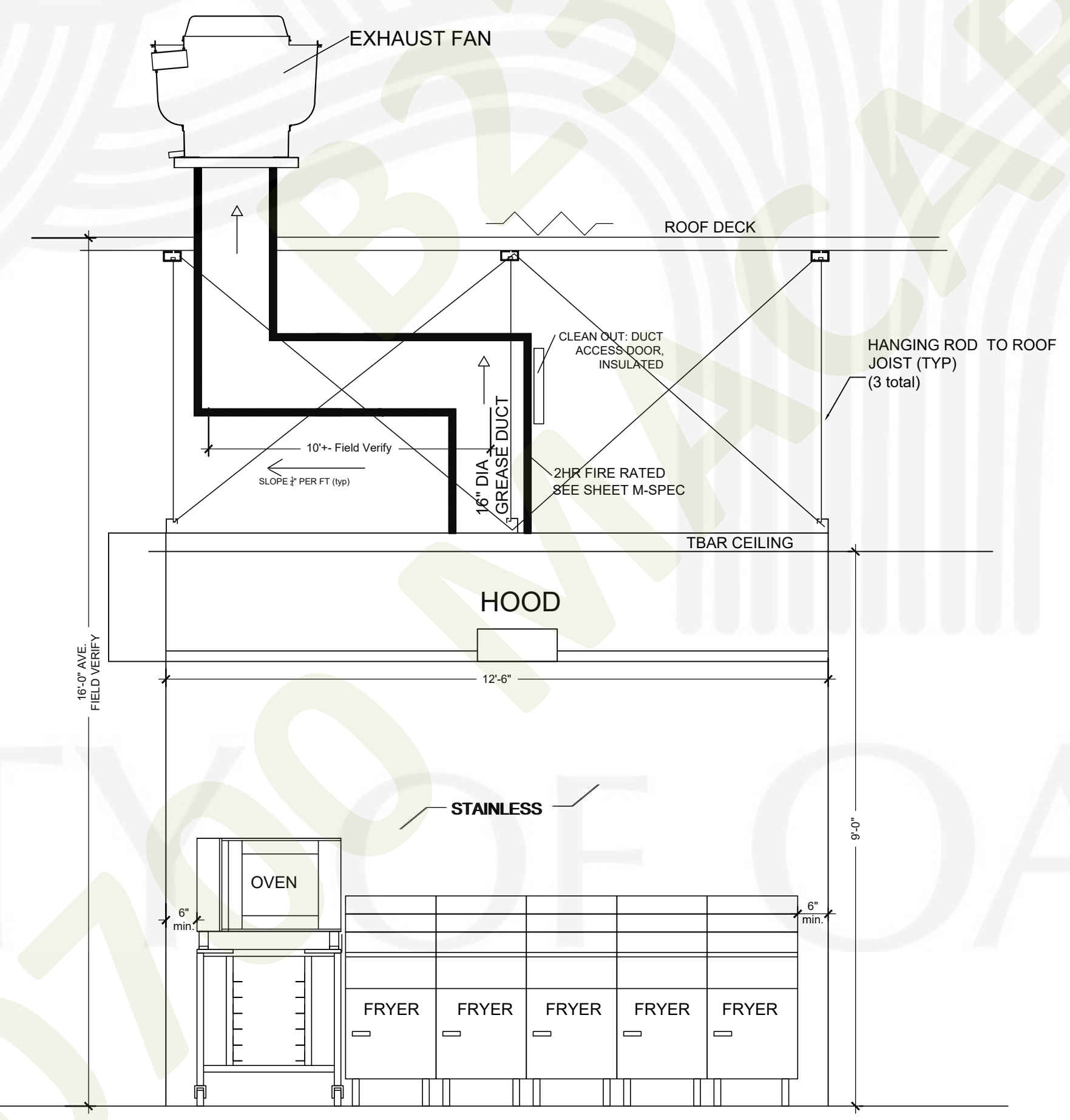


3
H.7
 EXHAUST FAN ROOF SUPPORT DETAIL
 NTS



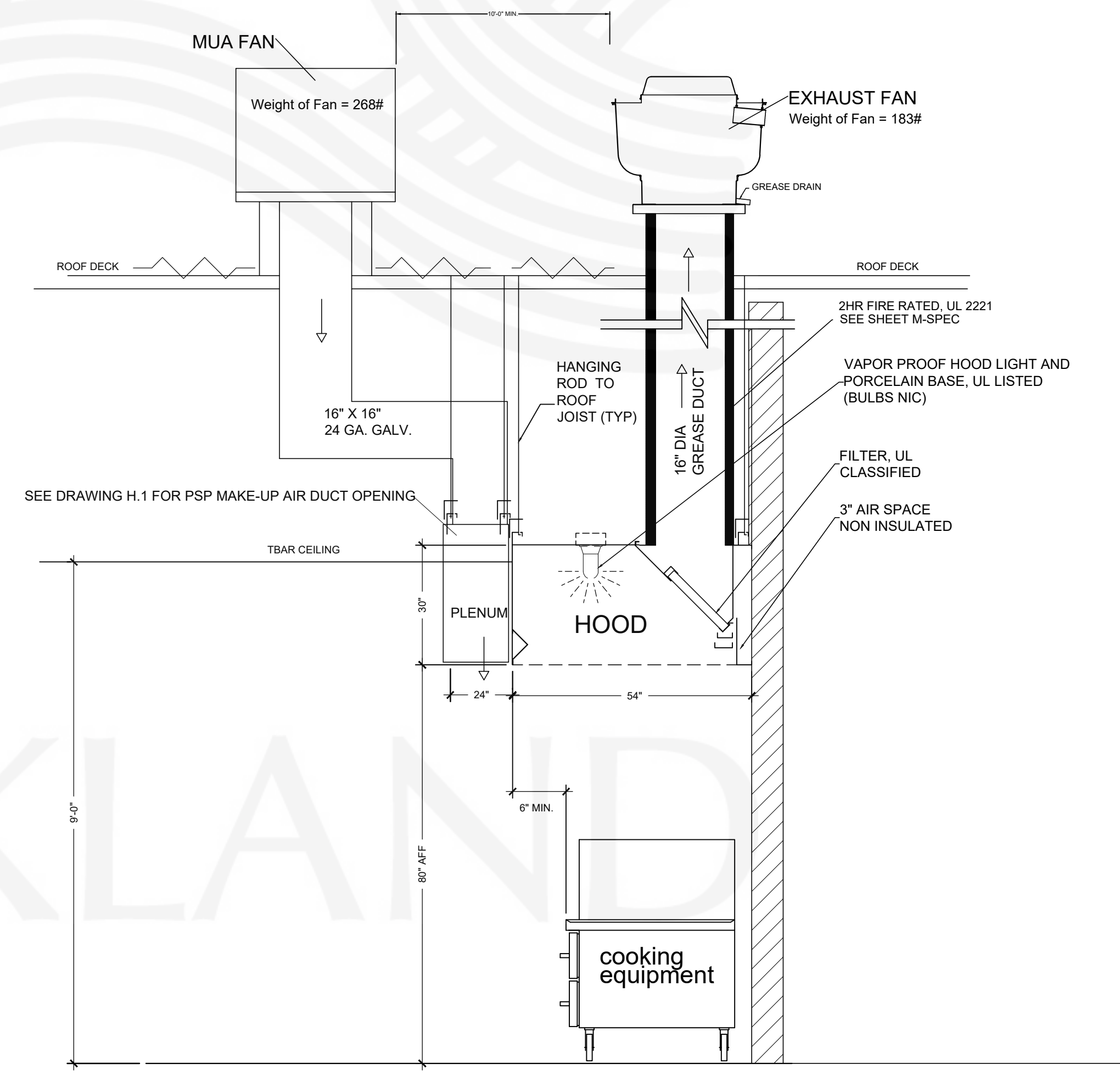
4
H.7
 AIR PLENUM SUPPORT
 NTS

SEE CAPTIVE AIRE TYPE I HOOD SYTEM DETAILS ON SHEET H.1 THRU H.6
 SEE SHEET M.1 FOR EQUIPMENT ROOF PLAN
 SEE SHEET S.1 FOR HOOD INSTALLATION



NOTE: UP BLAST GREASE EXHAUST FANS SHALL HAVE A HINGED BASE FOR CLEANING AT ROOF LEVEL.

HOOD & DUCT ELEVATION-FRONT VIEW
 NTS



HOOD & DUCT ELEVATION-SIDE VIEW
 NTS

Factory Built Double Wall Grease Duct Specification

Furnish double wall, factory built grease duct for use with Type I kitchen hoods, which conforms to the requirements of NFPA-96. Products shall be ETL listed to UL-1978 and UL-2221 for venting air and grease vapors from commercial cooking operation. Models DW-2R, 3R and 3Z are used for grease duct applications when installed in accordance with these instructions and National Fire Protection Association "NFPA 96"; Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations. Double wall grease ducts are listed for a continuous internal temperature of 500 degrees F and intermittent temperatures of 2000 degrees F.

The duct sections shall be constructed of an inner duct wall and an outer wall with insulation in between. The inner duct wall shall be constructed of .036 inch thick, 430 type stainless steel and be available in diameters 8" through 24". The outer wall shall be constructed of stainless steel at a minimum of .024 inch thickness. The duct, based on model number, shall include layers of Super Wool 607 Plus insulation between the inner and outer wall. Grease duct joints shall be held together by means of formed V clamps and sealed with 3M Fire Barrier 2000+. The duct wall assembly shall be tested and listed at 3/4" or zero inch clearance, according to classifications.

Classifications and Clearances

UL 2221: Standard for Fire Resistive Grease Duct Enclosure Assemblies. Chapter 7 of this standard references a test labeled Internal Fire Test. Section 7.1.1 references two installation conditions, Condition A and Condition B. Condition A represents all installation condition except for installation within non-ventilated combustible enclosures. Condition B represents installation within a non-ventilated combustible enclosure.

Model DW-3Z is classified under UL2221 (Test of Fire Resistive Duct Enclosure Assemblies) as an alternate to 2-Hr. fire resistive shaft enclosures with a minimum zero clearance to combustibles (sizes 8" to 24" diameter). Model 3Z is listed in accordance with the requirements for duct enclosure Condition A and B.

Model DW-3R is classified under UL2221 (Test of Fire Resistive Duct Enclosure Assemblies) as an alternate to 2-Hr. fire resistive shaft enclosures with a reduced clearance to combustibles (sizes 8" to 24" diameter). Model 3R is listed in accordance with the requirements for duct enclosure Condition B.

Model DW-2R is classified under UL2221 (Test of Fire Resistive Duct Enclosure Assemblies) as an alternate to 2-Hr. fire resistive shaft enclosures with a reduced clearance to combustibles (sizes 8" to 16" diameter). Model 2R is listed in accordance with the requirements for duct enclosure Condition B.

DUCT MODEL	INNER DIAMETER (ID)	OUTSIDE DIAMETER	CLEARANCE TO COMBUSTIBLES	CLEARANCE TO NON-COMBUSTIBLES
DW - 2R	8" - 16"	ID + 4	3/4"	0"
DW - 3R	8" - 24"	ID + 6	3/4"	0"
DW - 3Z	8" - 24"	ID + 6	0"	0"

*DW - 2R: 3/4" clearance to combustibles from the surface of the duct outer shell; zero inch clearance from combustibles from the tip of the outer V Band.

**DW - 3R: 3/4" clearance to combustibles from the surface of the duct outer shell; zero inch clearance from combustibles from the tip of the outer V Band.

Classifications and Clearances

Through floor fire stop support assembly are used to support duct sections that penetrate a fire resistant floor(s). The full support ring is installed under the double V band; the struts are connected to the support ring with supplied 5/16-18 hardware. Once the struts have been connected they are secured to the floor using appropriate type and size fasteners supplied by others. When duct systems penetrate a fire resistance rated floor, ceiling and/or a wall, a fire stop kit is used to retain the fire resistance rating on the floor and/or wall. The double wall grease duct (2R, 3R and 3Z) and the fire stop assemblies detailed below have achieved 2-hour ratings for integrity, insulation and stability. Testing was conducted in accordance with the applicable requirements UL 2221, Test of Fire Resistive Grease Duct Enclosure Assemblies.

DUCT MODEL	INNER DIAMETER	OUTER DIAMETER	SQUARE / ROUND OPENING MIN/MAX
DW - 2R	8"	12"	14" - 15"
DW - 2R	10"	14"	16" - 17"
DW - 2R	12"	16"	18" - 19"
DW - 2R	14"	18"	20" - 21"
DW - 2R	16"	20"	22" - 23"
DW - 3R / 3Z	8"	14"	16" - 17"
DW - 3R / 3Z	10"	16"	18" - 19"
DW - 3R / 3Z	12"	18"	20" - 21"
DW - 3R / 3Z	14"	20"	22" - 23"
DW - 3R / 3Z	16"	22"	24" - 25"
DW - 3R / 3Z	18"	24"	26" - 27"
DW - 3R / 3Z	20"	26"	28" - 29"
DW - 3R / 3Z	24"	30"	32" - 33"

Double Wall Grease Duct shall be installed in accordance with the manufacturer's "Installation, Operation and Maintenance Manual," ETL listing, state codes and local codes. Fans shall be supported independently from the grease duct sections. Protect grease duct from twisting or movement caused by fan torque or vibration.

Additional Information Available

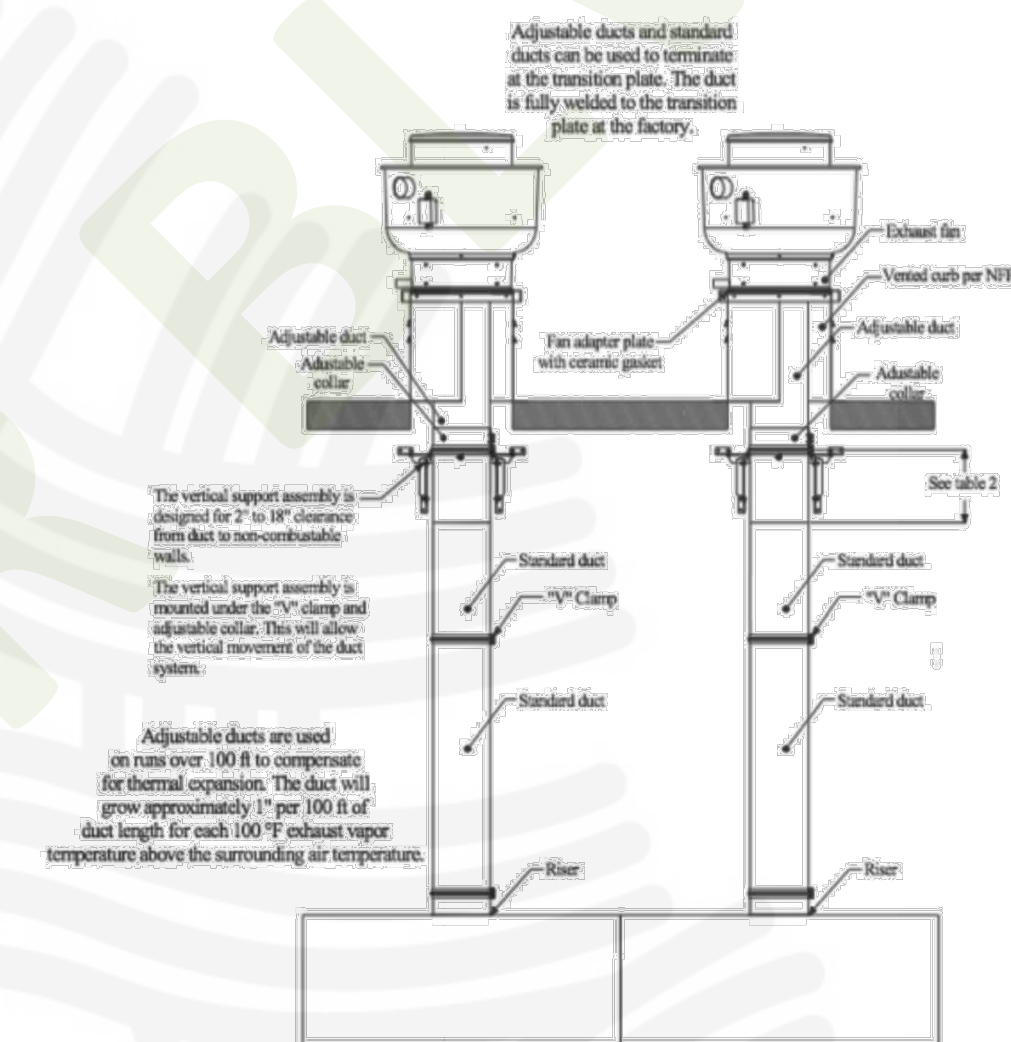
Operation, Installation, and Maintenance Manual

Copy of the manual is sent with every duct order from our manufacturing facility. Additional copies, if needed, are available for download at: <https://www.captiveaire.com/CATALOGCONTENT/DUCTWORK/INSTALLATION.ASP?catId=306&Model=GREASE+DUCT> Available also at the link above are recommendations for vertical and guy line support guides.

Grease Duct Design Guide

The Grease Duct Design Guide gives specifics for all parts available for order including Elbows, Straight Pieces, etc. Formulas and other information to calculate static pressure through a pre-engineered system is also available. Design Guide is available for download at <https://www.captiveaire.com/catalog/genpartCatalog.asp?catId=306> or as a hard copy from your local CaptiveAire sales office.

Sample Duct Drawing



Certifications

The DW Series has been certified by ITS. This certification mark indicates that the product has been tested to and has met the minimum requirements of a widely recognized (consensus) U.S. and Canadian products safety standard, that the manufacturing site has been audited, and that the applicant has agreed to a program of periodic factory follow-up inspections to verify continued performance.

Model Double Wall Series is ETL Listed and complies with UL Listings

REVISIONS

DESCRIPTION	DATE



www.captiveaire.com
 www.installations@captiveaire.com
 1665 GEARY RD, WALNUT CREEK, CA, 94597 PHONE: (925) 330-9880 FAX: (919) 227-5940 EMAIL: finstallations@captiveaire.com

CENTRAL CA

ETL DUCT SPEC PAGE

DATE: --

DWG.#:

DRAWN BY:

SCALE:

MASTER DRAWING

SHEET NO.
 M-SPEC

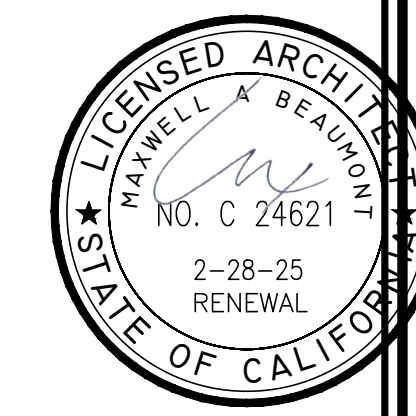
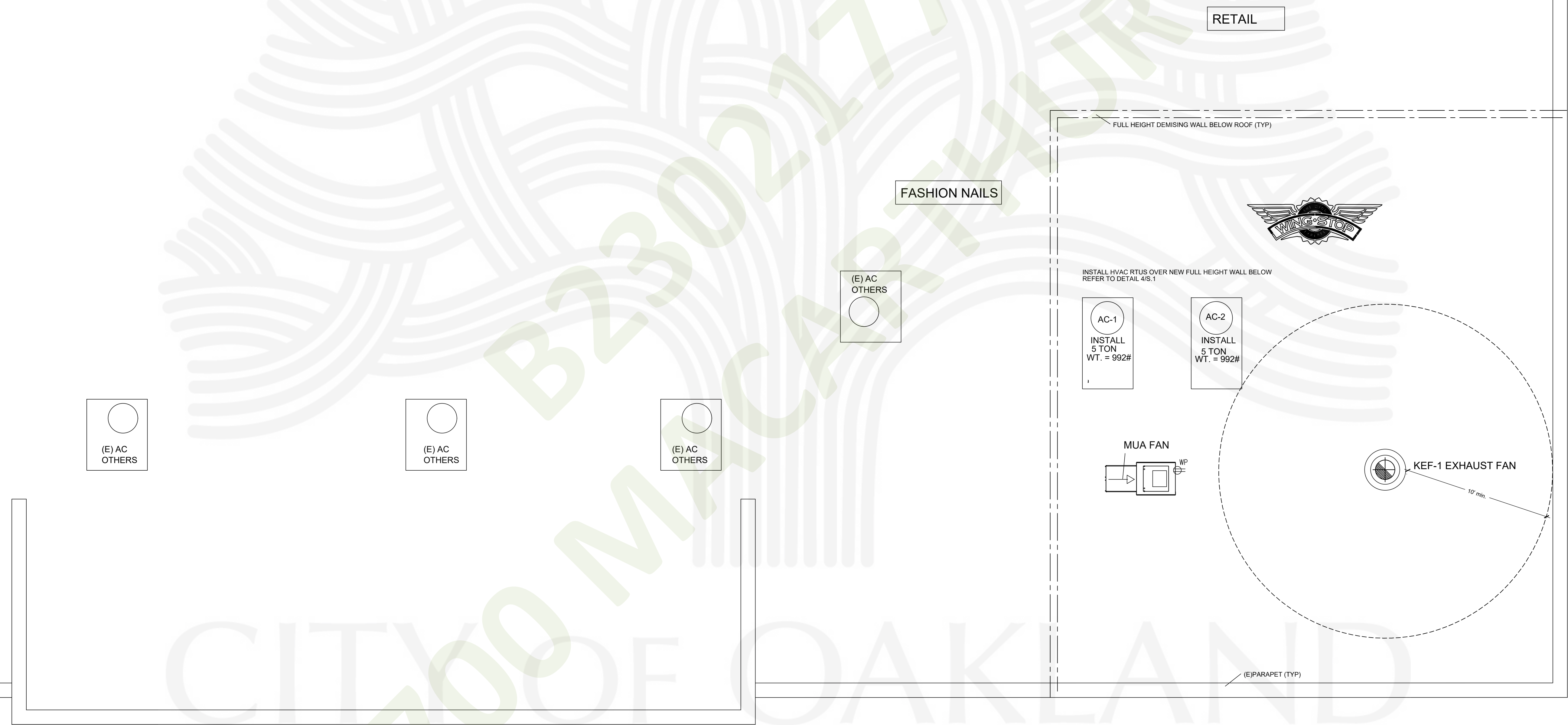
NOTE: EXHAUST OUTLETS SERVING GREASE DUCT SYSTEMS:

ROOF OUTLETS SHALL MEET THE FOLLOWING REQUIREMENTS:

1. SHALL BE MINIMUM 24 INCHES ABOVE THE ROOF SURFACE WITH AIRFLOW DIRECTED UPWARDS.
3. SHALL BE MINIMUM 10 FEET FROM AIR INTAKE OPENING INCLUDING A/C UNITS, AIR INTAKE OPENINGS, WINDOWS, ETC.
3. SHALL BE MINIMUM 10 FEET ABOVE ADJOINING GRADE.
4. SHALL BE MINIMUM 10 FEET AWAY FROM PARTS OF THE SAME BUILDING INCLUDING PARAPETS, EQUIPMENT SCREENS, ROOF PUP OUT, ETC. AND ADJACENT/ ADJOINING BUILDINGS.

NOTE: UP BLAST GREASE EXHAUST FANS SHALL HAVE A HINGED BASE FOR CLEANING AT ROOF LEVEL.

NOTE: A 10' MINIMUM CLEARANCE IS REQUIRED FROM ALL PLUMBING AND EXHAUST VENTS TO AIR INTAKE VENTS.



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DESIGN@ACUTE-CONSULTING.COM

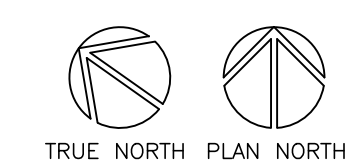
Acute Consulting, Inc.
29 ORINDA WAY, #1267
ORINDA, CA 94563
925-818-4132

WING STOP RESTAURANT
FOOTHILL SQUARE
10700 MACARTHUR BLVD. #2A
OAKLAND, CA 94605
STORE 01F1345



DWG DATE:
1/24/23
DRAWN BY:
MSD

EQUIPMENT
ROOF PLAN
M.I.



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

2022 CAL GREEN REQUIREMENTS:
5.410.4 TESTING AND ADJUSTING. New buildings less than 10,000 square feet. Testing and adjusting of systems shall be required for new buildings less than 10,000 square feet or new systems to serve an addition or alteration subject to Section 303.1.

5.410.4.2 (Reserved)

Note: For energy-related systems under the scope (Section 100) of the California Energy Code, including heating, ventilation, air conditioning (HVAC) systems and controls, indoor lighting system and controls, as well as water heating systems and controls, refer to California Energy Code Section 120.8 for commissioning requirements and Sections 120.5, 120.6, 130.4, and 140.9(b)(3) for additional testing requirements of specific systems.

5.410.4.2 Systems. Develop a written plan of procedures for testing and adjusting systems. Systems to be included for testing and adjusting shall include at a minimum, as applicable to the project:

1. Renewable energy systems.
2. Landscape irrigation systems.
3. Water reuse systems.

5.410.4.3 Procedures. Perform testing and adjusting procedures in accordance with manufacturer's specifications and applicable standards on each system.

5.410.4.3.1 HVAC balancing. In addition to testing and adjusting, before a new space-conditioning system serving a building or space is operated for normal use, the system shall be balanced in accordance with the procedures defined by the Testing Adjusting and Balancing Bureau National Standards; the National Environmental Balancing Bureau Procedural Standards; Associated Air Balance Council National Standards or as approved by the enforcing agency.

SECTION 5.504 POLLUTANT CONTROL

5.504.1 TEMPORARY VENTILATION. The permanent HVAC system shall only be used during construction if necessary to condition the building or areas of addition or alteration within the required temperature range for material and equipment installation. If the HVAC system is used during construction, use return air filters with a Minimum Efficiency Reporting Value (MERV) of 8, based on ASHRAE 52.2-1999, or an average efficiency of 30% based on ASHRAE 52.1-1992. Replace all filters immediately prior to occupancy, or, if the building is occupied during alteration, at the conclusion of construction.

5.504.3 Covering of duct openings and protection of mechanical equipment during construction. At the time of rough installation and during storage on the construction site until final startup of the heating, cooling and ventilation equipment, all duct and other related air distribution component openings shall be covered with tape, plastic, sheetmetal or other methods acceptable to the enforcing agency to reduce the amount of dust, water and debris which may enter the system.

5.504.5.3 Filters. In mechanically ventilated buildings, provide regularly occupied areas of the building with air filtration media for outside and return air that provides at least a Minimum Efficiency Reporting Value (MERV) of 13. MERV 13 filters shall be installed prior to occupancy, and recommendations for maintenance with filters of the same value shall be included in the operation and maintenance manual.

Exceptions: Existing mechanical equipment.

5.504.5.3.1 Labeling. Installed filters shall be clearly labeled by the manufacturer indicating the MERV rating.

5.506.1 OUTSIDE AIR DELIVERY. For mechanically or naturally ventilated spaces in buildings, meet the minimum requirements of Section 120.1 (Requirements For Ventilation) of the California Energy Code, or the applicable local code, whichever is more stringent, and Division 1, Chapter 4 of CCR, Title 8.

5.508.1 Ozone depletion and greenhouse gas reductions. Installations of HVAC, refrigeration and fire suppression equipment shall comply with Sections 5.508.1.1 and 5.508.1.2.

5.508.1.1 Chlorofluorocarbons (CFCs). Install HVAC, refrigeration and fire suppression equipment that do not contain CFCs.

5.508.1.2 Halons. Install HVAC, refrigeration and fire suppression equipment that do not contain Halons.

702.1 INSTALLER TRAINING. HVAC system installers shall be trained and certified in the proper installation of HVAC systems including ducts and equipment by a nationally or regionally recognized training or certification program. Uncertified persons may perform HVAC installations when under the direct supervision and responsibility of a person trained and certified to install HVAC systems or contractor licensed to install HVAC systems. Examples of acceptable HVAC training and certification programs include but are not limited to the following:

1. State certified apprenticeship programs.
2. Public utility training programs.
3. Training programs sponsored by trade, labor or statewide energy consulting or verification organizations.
4. Programs sponsored by manufacturing organizations.
5. Other programs acceptable to the enforcing agency.

702.2 SPECIAL INSPECTION [HCD]. When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this code. Special inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition to other certifications or qualifications acceptable to the enforcing agency, the following certifications or education may be considered by the enforcing agency when evaluating the qualifications of a special inspector:

1. Certification by a national or regional green building program or standard publisher.
2. Certification by a statewide energy consulting or verification organization, such as HERS raters, building performance contractors, and home energy auditors.
3. Successful completion of a third party apprentice training program in the appropriate trade.
4. Other programs acceptable to the enforcing agency.

Notes:

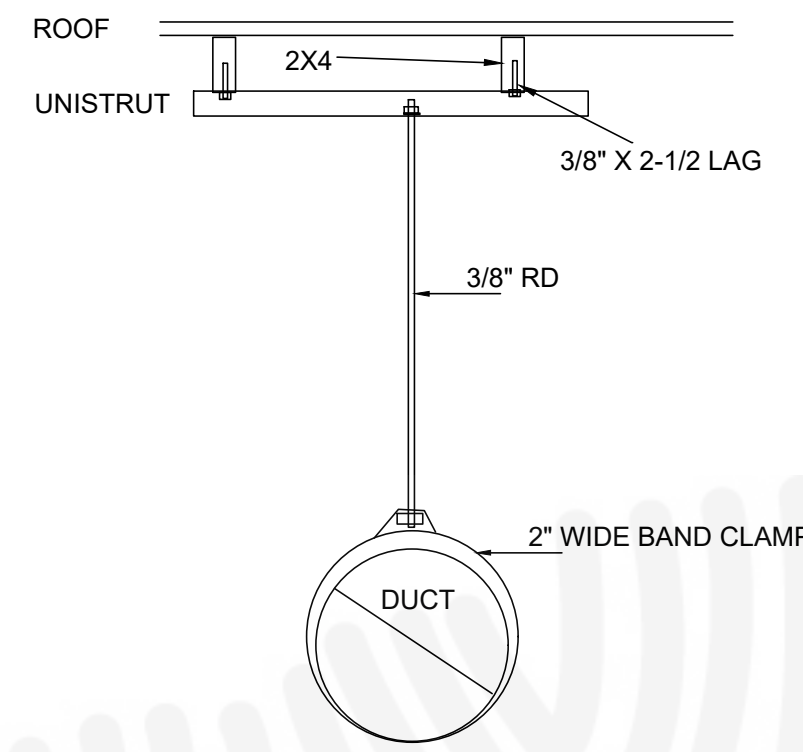
1. Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code.
2. HERS raters are special inspectors certified by the California Energy Commission (CEC) to rate homes in California according to the Home Energy Rating System (HERS).

[BSC-CG] When required by the enforcing agency, the owner or the responsible entity acting as the owner's agent shall employ one or more special inspectors to provide inspection or other duties necessary to substantiate compliance with this code. Special inspectors shall demonstrate competence to the satisfaction of the enforcing agency for the particular type of inspection or task to be performed. In addition, the special inspector shall have a certification from a recognized state, national or international association, as determined by the local agency. The area of certification shall be closely related to the primary job function, as determined by the local agency.

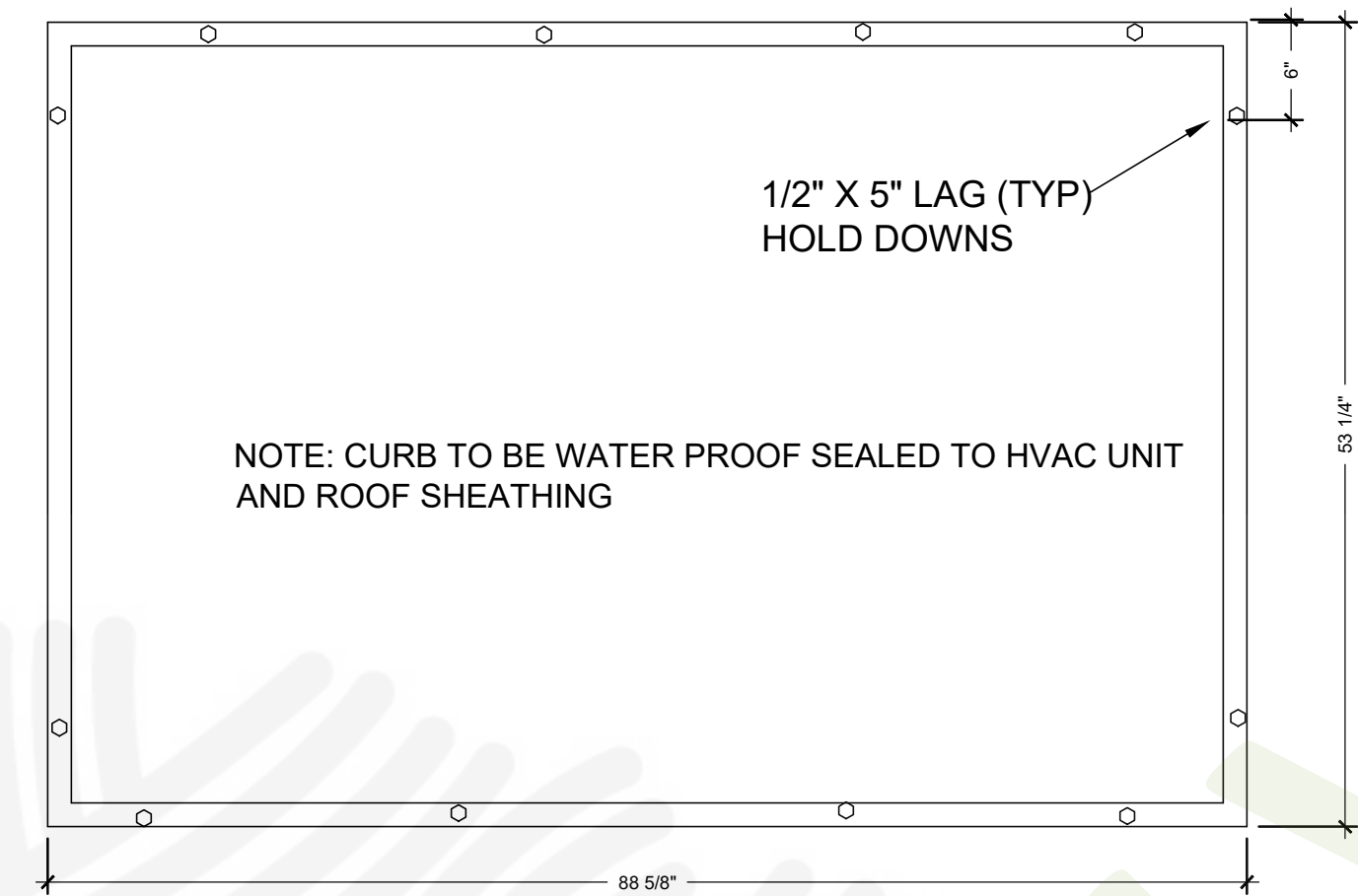
Note: Special inspectors shall be independent entities with no financial interest in the materials or the project they are inspecting for compliance with this code.

703 VERIFICATIONS

703.1 DOCUMENTATION. Documentation used to show compliance with this code shall include but is not limited to, construction documents, plans, specifications, builder or installer certification, inspection reports, or other methods acceptable to the enforcing agency which demonstrate substantial conformance. When specific documentation or special inspection is necessary to verify compliance, that method of compliance will be specified in the appropriate section or identified applicable checklist.



DUCT SUPPORT DETAIL
NTS



HVAC METAL CURB PLAN VIEW
NTS

HVAC RTUS TO BE INSTALLED OVER NEW FULL HEIGHT WALL, REFER TO DETAIL 4/S.1 FOR INSTALLATION.

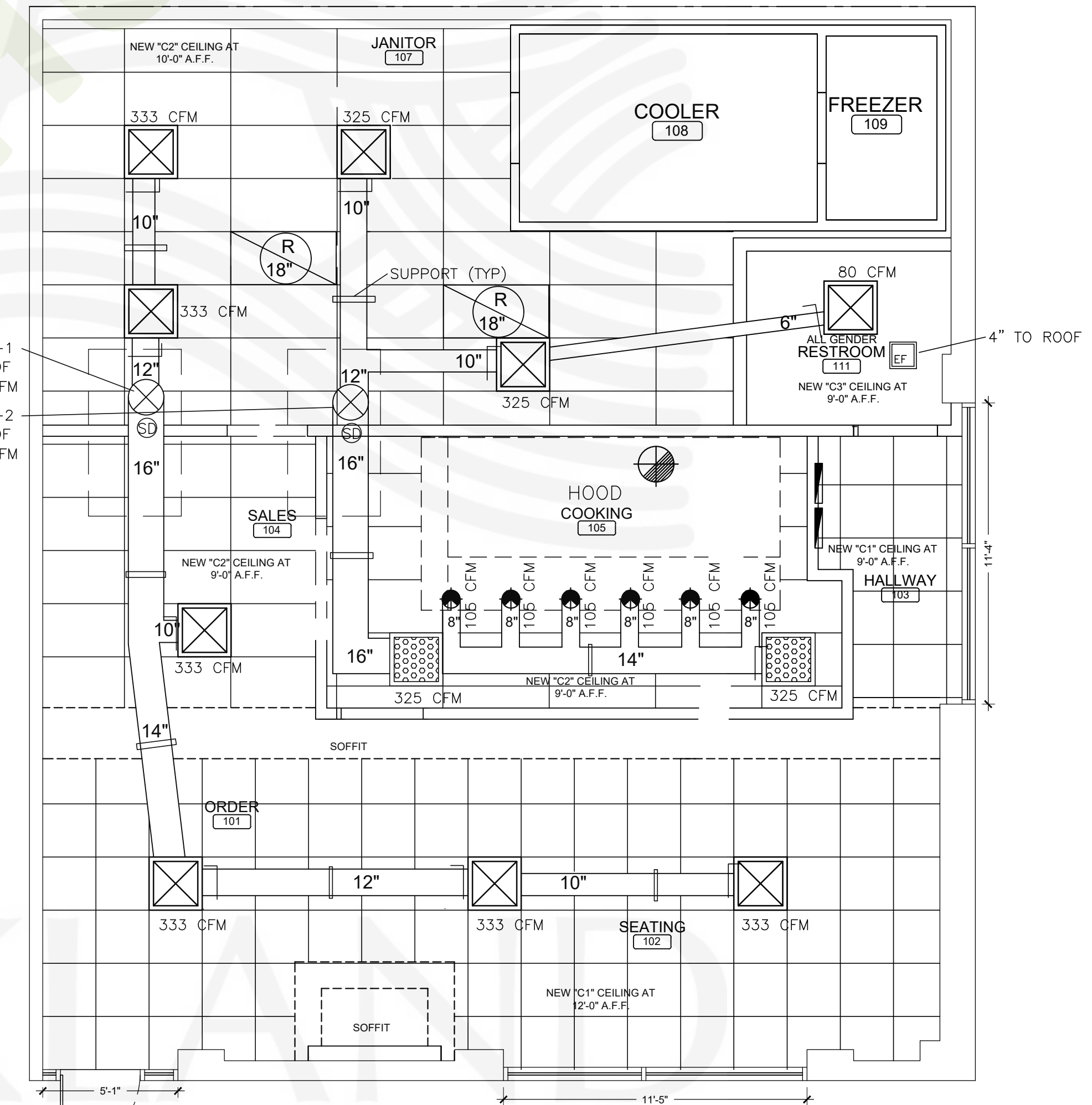
SYMBOL LEGEND			
MK. SYMBOL	SPECIFICATIONS	MOUNTING HT.	NOTES
EF	EXHAUST FAN; BROOM #HD80 80CFM SUPPLIER: MELETRIO ELECTRICAL SUPPLY	MOUNT TO SCHEDULED GYP CEILING	STANDARD WHITE COVER
	LAY-IN HVAC 2X2 SUPPLY REGISTER PROVIDED BY HVAC CONTRACTOR	MOUNT TO SCHEDULED ACOUSTICAL CEILING	PAINTED
N/A	LAY-IN HVAC 2X2 PERFORATED SUPPLY REGISTER PROVIDED BY HVAC CONTRACTOR	MOUNT TO SCHEDULED ACOUSTICAL CEILING LOCATED NEAR HOOD ONLY	PAINTED
	2X4 RETURN REGISTER	INSTALL 10\"/>	

PROVIDE ECONOMIZER WITH FDD FAULT DETECTION DEVICE AND DCV CONTROLS
 PROVIDE CO2 SENSOR FOR DEMAND CONTROL VENTILATION IN DINING AREA

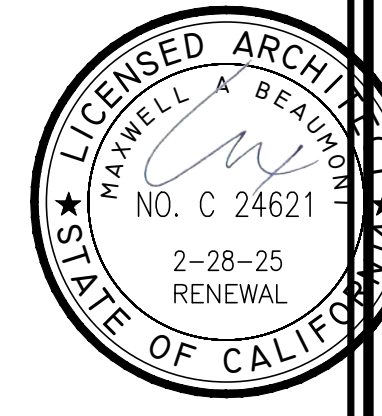
HVAC RTU SCHEDULE

TRANE CONTACT INFO:	
AC-1	5 TON HVAC RTU
AC-2	TRANE PRECEDENT GAS/ ELECTRIC UNIT
	MODEL #YHC060F3RHA
	ELECTRICAL - 208 V/3 Ph/60 HZ, 5.4 KW
	HEATER - 104,000 BTU
	SUPPLY AIR - 2000 CFM
	14\"/>

AIR BALANCE SCHEDULE:						
UNIT MARK	SUPPLY AIR	OUTSIDE AIR	MAKE-UP AIR	EXHAUST AIR	RETURN AIR	NOTES
AC-1	2000 CFM	315 CFM	-	-	1685 CFM	
AC-2	2000 CFM	315 CFM	-	-	1685 CFM	
MUA	-	-	2250 CFM	-	-	
KEF-1	-	-	-	2800 CFM	-	
EF-1	-	-	-	80 CFM	-	
BLDG. TOTAL	4000 CFM	630 CFM	2250 CFM	2880 CFM	3370 CFM	NET 0 CFM
MAKE UP:						
A/C UNITS OUTSIDE AIR INTAKE						+630
FAN MAKE UP:						-2250
						2880 CFM
EXHAUST:						
HOOD EXHAUST						-2800
GENERAL EXHAUST						-80
						2880 CFM
BALANCE RESULTS:						
MAKE-UP						+2880
EXHAUST						-2880
						0 CFM



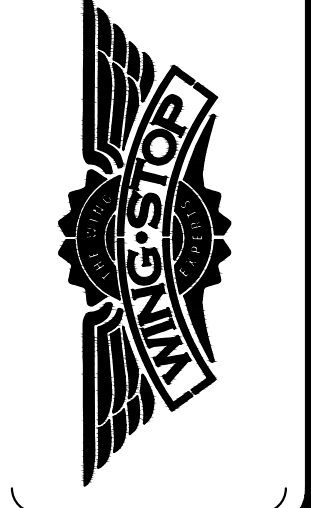
HVAC FLOOR PLAN
SCALE: 1/4" = 1'-0"
TRUE NORTH PLAN NORTH



ARCHITECT:
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WING STOP RESTAURANT
 FOOTHILL SQUARE
 10700 MACARTHUR BLVD. #2A
 CHANDLER, AZ 85226
 STORE 06137345



DWG DATE:
 1/24/23
 DRAWN BY:
 MSD

HVAC FLOOR PLAN
M.2

PLUMBING NOTES

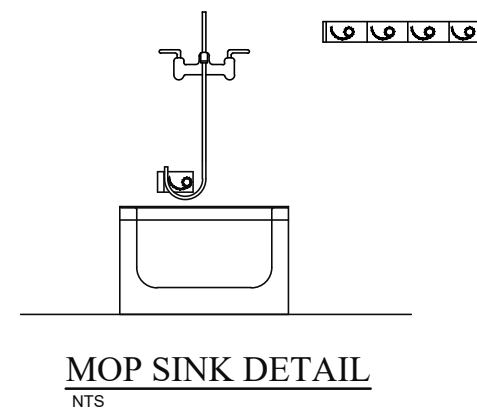
- ALL WORK AND MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2022 CALIFORNIA PLUMBING CODE, BUILDING CODE AND MECHANICAL CODE.
- INSTALL CLEAN OUTS FOR HORIZONTAL WASTE PIPE PER UPC.
- SLOPE HORIZONTAL WASTE AND VENT PIPE NO LESS THAN 1/4" PER FOOT. VENT PIPE SHALL BE FREE OF SAGS.
- EQUIPMENT DRAINS SHALL BE RUN AS INDIRECT WASTE WITH 2" AIR GAP INTO FLOOR SINKS.
- GAS PIPE SHALL BE GALVANIZED AND SHALL BE LEAK TESTED PER CODE. VENTS AND WATER SHALL BE COPPER, WASTE SHALL BE C.I.
- ALL FIXTURES SHALL BE APPROVED BY OWNER.
- EQUIPMENT LOCATIONS SHALL BE FIELD VERIFIED.
- INSULATE HOT WATER PIPE MINIMUM 1/2".
- PROVIDE SHUTOFF VALVES AT THE WATER HEATER AND EACH MAJOR BRANCH FOR WATER AND GAS.
- STUB OUT ALL SERVICES PER EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.
- FLOOR SINKS AND OTHER INDIRECT WASTE RECEPTORS SHALL BE READILY ACCESSIBLE FOR CLEANING.
- PROVIDE CASTERS & QUICK DISCONNECT GAS LINE CONNECTION TO ALL MOVEABLE GAS FIRED EQUIPMENT.
- WHERE FLOOR DRAINS ARE UTILIZED, THE FLOOR SURFACES MUST BE SLOPED 1/50 (1/2" PER FOOT) TO THE FLOOR DRAIN. ALL FLOOR DRAINS SHALL UTILIZE TRAP PRIMERS AND HAVE THEIR COMPONENTS ACCESSIBLE FOR SERVICE.
- MOP SINK SHALL BE FLOOR MOUNTED.
- FOR GAS FIRED WATER HEATER, RUN PRESSURE RELIEF TO FLOOR SINK. SET AT 120". F.
- GAS LINE TO BE 24" ABOVE FINISHED FLOOR.
- WATER INLET TO BE 78" HIGH (OR ABOVE T-BAR) OR 34" ABOVE FLOOR.
- FLOOR SINKS SHALL BE SET A MINIMUM OF 1/4" TO A MAXIMUM 5/8" ABOVE FINISH FLOOR AND OUT OF THE PATH OF TRAVEL. 1/2 OF THE FLOOR SINK SHALL BE EXPOSED TO SATISFY HEALTH CODE REQUIREMENTS. FLOOR SINKS SHALL BE INSTALLED IN ACCORDANCE WITH DETAIL ON THIS SHEET.
- WHERE FLOOR SINKS ARE LOCATED AT OR NEAR THE EDGE OF COUNTERS THAT HAVE A TOE-KICK BASE, THE BASE OF THE COUNTER OR CABINET SHALL RECESS IN ALONG THE SIDES AND BACKS OF THE FLOOR SINK AND THE TOE-KICK FLOOR JUNCTURES IN THE RECESSED AREAS SHALL ALSO HAVE AN APPROVED INTEGRAL COVERED BASE.
- INSTALL ANY EXPOSED CONDUITS OR PIPES AT LEAST 1/2 INCH FROM THE WALL.
- SINKS AND URINALS SHALL HAVE CLEANOUTS TO COMPLY WITH C.P.C. SECTION 707.4 EXCEPTION #1.
- TOILET ROOMS MUST BE VENTED TO THE OUTSIDE AIR BY MEANS OF AN OCCUPANCY SENSOR LIGHT-SWITCH-ACTIVATED EXHAUST FAN.
- ALL THREADED FAUCETS, MOP SINKS AND OTHER SINKS WITH ATTACHMENTS (E.G. HOSES), AND FOUNTAIN-TYPE BEVERAGE UNITS SHALL BE PROTECTED AGAINST BACKFLOW/SIPHONING WITH APPROVED DEVICES.
- BACKFLOW PREVENTION DEVICES SHALL BE USED WHEN CHEMICAL FEEDERS ARE CONNECTED TO THE WATER SUPPLY.
- MAINTAIN PLUMBING VENTS A MINIMUM OF 10 FEET AWAY OR 3 FEET ABOVE OPENINGS OR AIR INTAKES INTO THE BUILDING.



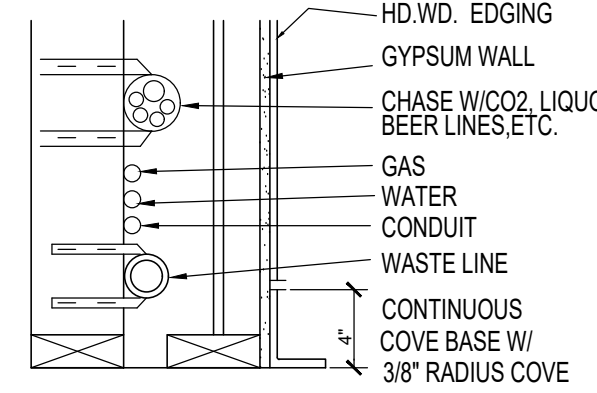
PROVIDE HOT AND COLD RUNNING WATER THROUGH A MIXING FAUCET EQUIPPED WITH AN INTEGRAL VACUUM BREAKER.

MOP SINK FAUCET TO BE EQUIPPED WITH BACKFLOW PREVENTION DEVICE.

PROVIDE MOP HANGER POSITIONED SO THAT MOPS DRIP INTO THE MOP SINK.



MOP SINK DETAIL
NOT TO SCALE



TYPICAL WALL BASE
SCALE: N.T.S.

NOTE: WATER PIPING MUST BE FULLY CONCEALED WITHIN WALLS.

- ALL FINAL FINISHES INCLUDING COLORS (SMOOTH WITH NO TEXTURE).
- TYPE OF FLOOR COVERING EXTENDING UP THE WALL CONTINUOUSLY 4" WITH 3/8" RADIUS COVE.
- CONDUIT, PIPES AND WASTE LINES WITHIN THE WALL.
- CHASES FOR: CO2, SYRUP, LIQUOR, BEER, SODA, WINE, ETC.
- VALVES MUST BE ACCESSIBLE.
- GAS LINE TO BE INSTALLED 24" ABOVE FINISHED FLOOR.

EXCEPTIONS WILL BE GRANTED ONLY IF SO STATED IN THE UMC, UPC, AND NEC. IF SOLID WALLS, SUCH AS CONCRETE BLOCK ARE ENCOUNTERED, FUR THE WALL OUT TO CONCEAL THE CONDUIT PIPES, ETC.

SYMBOL LEGEND

	6" PLUMBING FLOOR DRAIN, PROVIDE TRAP PRIMERS.
	PLUMBING FLOOR SINK 12" X 12" W/ (2) 6"x12" REMOVABLE GRATES AND TRAP PRIMER.
	PLUMBING HOSE BIBB WITH BACKFLOW PREVENTER, HOT WATER ONLY.
	HOT AND COLD WATER STUB OUT
	COLD WATER STUB OUT
	HOT WATER STUB OUT
	DIRECT WASTE CONNECTION
	INDIRECT WASTE CONNECTION TO FLOOR SINK
	LAVATORY
	WATER CLOSET
	CLEAN OUT
	GAS LINE CONNECTION
	1-1/2" VENT, EXCEPT AT WC VENT TO BE 2"
	EXISTING SEWER LINE
	NEW SEWER LINE (SS) OR GREASE WASTE LINE (GW)

NOTE: SIZE AND LOCATION OF PLUMBING LINES SHOWN ARE NOT VERIFIED. PLUMBING LINES SHOULD BE VIDEO MAPPED TO VERIFY EXACT LOCATION. VERIFY LOCATION OF (E) MAIN SEWER LINE.

PLUMBING DEMOLITION NOTES:
1 REMOVE PLUMBING FIXTURES ACCORDING TO DEMOLITION PLANS SHOWN ON SHEET A-1 TO UNDERSTAND IMPACT ON PLUMBING SYSTEM.
2.PIPING THAT WILL NOT BE USED SHALL BE REMOVED OR CAPPED AND ABANDONED IN PLACE. PATCH RESULTING WALL AND FLOOR OPENINGS.

2021 CAL GREEN REQUIREMENTS:
5.303.6 STANDARDS FOR PLUMBING FIXTURES AND FITTINGS. Plumbing fixtures and fittings shall be installed in accordance with the *California Plumbing Code*, and shall meet the applicable standards referenced in Table 1701.1 of the *California Plumbing Code* and in Chapter 6 of this code.

UTILITY SCHEDULE

01. WATER SERVICE: 1" MINIMUM SERVICE LINE.
NOTE: ABOVE NOTED SERVICE SIZES ARE PROTOTYPICAL. THE GENERAL CONTRACTOR SHALL FIELD VERIFY SIZES REQUIRED BASED ON EXISTING SITE CONDITIONS.
02. THE FLOOR SINK UNDER THE 3-COMPARTMENT SINK IS USED FOR THE PLUMBING HOSE BIBB.

ITEM #	FIXTURE DATA				CONSTRUCTION DATA				DESCRIPTION			
	FIXTURE	MFG.	MODEL NO.	SOIL SIZE	VENT SIZE	TRAP	INDIRECT WASTE	COLD		HOT	T.W.	FILTER
WC	"WATER CLOSET	TOTO-ECO PROMENADE	CST424EF(G)	4"	2"	-	-	1/2"	-	-	-	ACCESSIBLE VITREOUS CHINA TANK TYPE WATER CLOSET WITH ELONGATED SIPHON JET BOWL. PRESSURE ASSISTED 1.28 GPF WITH SEAT MIN 11" AND MAX 19" AFF. FURNISH COMPLETE WITH CHURCH #255C OPEN FRONT TOILET SEAT AND LOOSE KEY ANGLE STORE.
LAV	"LAVATORY	AMERICAN STANDARD	#7420 801 PCA SPRAY	2"	1-1/2"	1-1/4"	-	1/2"	-	1/2"	-	VITREOUS CHINA WALL HUNG LAVATORY WITH CONCEALED ARM SUPPORT. FURNISH COMPLETE WITH AMERICAN STANDARD 340.225 SELF-CLOSING METERING LAVATORY FAUCET. OFFSET TAIL PIECE. MASURE CHROME SUPPLIES AND LOOSE KEY ANGLE STORE. 1/4" X 1/2" C.P. 17 GAUGE ADJUSTABLE P-TRAP WITH CLEANOUT AND CHROME SET SCREW ESCUTCHEONS THROUGH WALL. INSULATE ALL EXPOSED PIPING WITH "TUBULO LAV-GAURDY" INSULATION KIT NO. 101. INSTALLATION SHALL COMPLY WITH ALL REQUIREMENTS FOR MOUNTING AND CLEARANCES.
8	MOP SINK	FIAT	MSB-2424	3"	1-1/2"	3"	-	1/2"	1/2"	-	-	PRECAST MOLDED STONE MOP SERVICE BASIN, 24" X 24" X 12" HIGH STAINLESS STEEL THRESHOLD AND #833-A FAUCET WITH VACUUM BREAKER AND HOSE END. #833-AA HOSE AND HOSE BRACKET. #143-BB STAINLESS STEEL STRAINERS AND #888-CC MOP HANGER.
	RESTROOM FLOOR DRAIN	JOSAM	30000-1A	2"	1-1/2"	2"	-	-	-	-	-	COATED CAST IRON, 2-PIECE BODY WITH DOUBLE DRAINAGE FLANGE. FLASHING COLLAR WEEP HOLES. ADJUSTABLE 7" ROUND SATIN NICKALOY STRAINER. VANDAL-PROOF SCREW 1/2" TRAP PRIMER CONNECTION. BOTTOM OUTLET AND INSIDE CAULK CONNECTION.
	KITCHEN FLOOR DRAIN	JOSAM	32100	2"	1-1/2"	2"	-	-	-	-	-	COATED CAST IRON, 2-PIECE BODY WITH DOUBLE DRAINAGE FLANGE. FLASHING COLLAR WEEP HOLES WITH SEDIMENT BUCKET, 1/2" TRAP PRIMER CONNECTION. BOTTOM OUTLET AND INSIDE CAULK CONNECTION.
	FLOOR SINK	JOSAM	49340A	2"	1-1/2"	2"	-	-	-	-	-	WHITE PVC FLOOR SINK WITH 12" SQUARE TOP AND ALUMINUM DOME STRAINER WITH 1/2" GRATE TOP.
	THERMOSTATIC MIXING VALVE	JOSAM	49340A	-	-	-	-	-	-	-	-	THERMOSTATIC MIXING VALVE FOR SMALL APPLICATIONS.
	EXPANSION TANK	AMTROL	ST-12C	-	-	-	-	-	-	-	-	MAXIMUM WORKING PRESSURE 160 PSI. TOTAL VOLUME 6.7 GALLONS TO BE INSTALLED ON WATER HEATER PER WATER HEATER MANUFACTURER'S GUIDE LINES.
15	WATER HEATER	NORITZ	1991-DV	-	-	-	-	-	-	-	-	PROVIDE WITH QUICK CONNECT CABLE. INSTALLATION KIT AND 4" DIAMETER INTAKE VENT AND 4" DIAMETER STAINLESS STEEL FLUE.
	TRAP PRIMER	PRECISION PLUMBING PRODUCTS	PR-500	-	-	-	-	1/2"	-	-	-	ALL BRONZE TRAP PRIMER WITH VACUUM BREAKER. CONTAINS NO SPRINGS, DIAPHRAGMS, OR PLASTIC. PROVIDE WITH DISTRIBUTION UNIT DU-4.
	BACKFLOW PREVENTER	EXISTING	-	-	-	-	-	-	-	-	-	EXIST. BUILDING BACKFLOW PREVENTER.
	BACKFLOW PREVENTER	WATTS	-	-	-	-	-	3/8"	-	-	-	STAINLESS STEEL BACKFLOW PREVENTER FOR CARBONATED BEVERAGE DISPENSER, WATER FILTERS, ICE TEA BREWER AND ICE MACHINE.
	ACCESS PANEL	ELMDOR	PW SERIES	-	-	-	-	-	-	-	-	10" X 10" SQUARE STAINLESS STEEL ACCESS PANEL.
	WALL CLEANOUT	JOSAM	586-00-COT	2"	2"	-	-	-	-	-	-	CAST IRON CAULKING FERRULE WITH BRASS RAISED HEAD PLUS POLISHED NIKALOY OR STAINLESS STEEL COVER PLATE. SECURE WITH SCREW SPIGOT CONNECTION.
	FLOOR CLEANOUT	JOSAM	586-00-COT	4"	4"	-	-	-	-	-	-	LEVELIZE COATED CAST IRON BODY WITH ADJUSTABLE HOUSING. SATIN NIKALOY TOP AND INSIDE CAULK CONNECTION.
	SHOCK ABSORBER	JOSAM	75000	-	-	-	-	-	-	-	-	STAINLESS STEEL HYDRO-PNEUMATIC SHOCK ABSORBER WITH ELASTOMER BELLOWS.
7	"3-COMPARTMENT SINK	-	-	-	-	-	-	3/4"	3/4"	-	-	OWNER SUPPLIED AND CONTRACTOR TO INSTALL.
17	"2-COMPARTMENT SINK	-	-	-	-	-	-	1/2"	1/2"	-	-	OWNER SUPPLIED AND CONTRACTOR TO INSTALL.
14	ICE MACHINE W/ STORAGE BIN	HOSHIZAKI	-	-	-	-	-	1/2"	-	-	-	OWNER SUPPLIED AND CONTRACTOR TO INSTALL.
34	SODA SYSTEM	-	-	-	-	-	-	1/4"	-	-	-	OWNER SUPPLIED AND CONTRACTOR TO INSTALL.
28	TEA BREWER	-	-	-	-	-	-	1/4"	-	-	-	OWNER SUPPLIED AND CONTRACTOR TO INSTALL.
12	HAND SINK	ADVANCE TABCO	-	2"	1-1/2"	1-1/2"	-	1/2"	-	1/2"	-	OWNER SUPPLIED AND CONTRACTOR TO INSTALL.
	HOSE BIB (HOF. HW)	-	-	-	-	-	-	-	-	3/4"	-	OWNER SUPPLIED AND CONTRACTOR TO INSTALL.
35	CARBONATOR	-	-	-	-	-	-	-	-	-	-	OWNER SUPPLIED AND CONTRACTOR TO INSTALL. CONTRACTOR IS TO PROVIDE BACKFLOW PREVENTER.
65	GREASE INTERCEPTOR	SCHIER	GB-75	3"	2"	-	-	-	-	-	-	INSTALL FLUSH W/ F.F.
	EXTERIOR GRADE CLEANOUT	JOSAM	57000-ZLT	4"	-	-	-	-	-	-	-	CAST IRON BODY WITH FLANGE, WITH STRAIGHT BODY FOR CAULKING INTO SOIL PIPE HUB WITH COUNTERSINK TAPERED THREADED BRONZE PLUG. PROVIDE "T" HANDLE WRENCH (ALTERNATE JOSAM NO. 58190-22).

* REFER TO CAL GREEN CODE TABLE ON SHEET P.2 FOR FAUCET/ WATER USAGE REQUIREMENTS

SIZING OF HYDROMECHANICAL GREASE INTERCEPTOR USING TABLE 1014.2.1 OF THE 2021 CPC

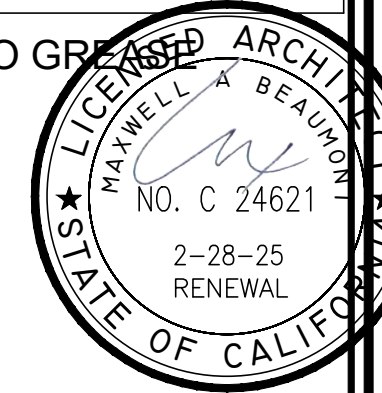
NOTE: RESTAURANT IS SINGLE SERVICE AND TAKE-OUT

FIXTURE	COMPARTMENT SIZE	COMPARTMENTS	LOAD (gallons) / FIXTURE	TOTAL LOAD (gallons)	SIZE OF GREASE INTERCEPTOR ONE-MINUTE DRAINAGE PERIOD (gpm)
SCULLERY	18" x 24" x 12"	3	16.8	50.4	50.4
FLOOR DRAIN	4 gpm	1		2.0	52.4

TOTAL = 52.4 gpm
PROPOSE: SCHIER GB-75 (75 GPM)

FLOW RATE FOR EACH FIXTURE = L X W X D / 231 = GALLONS X (.75 FILL FACTOR) / DRAIN PERIOD (1 MIN)
(SCULLERY SINK) FLOW RATE FOR EACH FIXTURE = 18" X 24" X 12" / 231 = 22.4 GALLONS X (.75 FILL FACTOR) / 1 MIN = 16.8

IMPORTANT: RAIMOND/ CONTRACTOR PLEASE NOTE THAT ONLY 3-COMPARTMENT SINK DRAINS TO GREASE INTERCEPTOR



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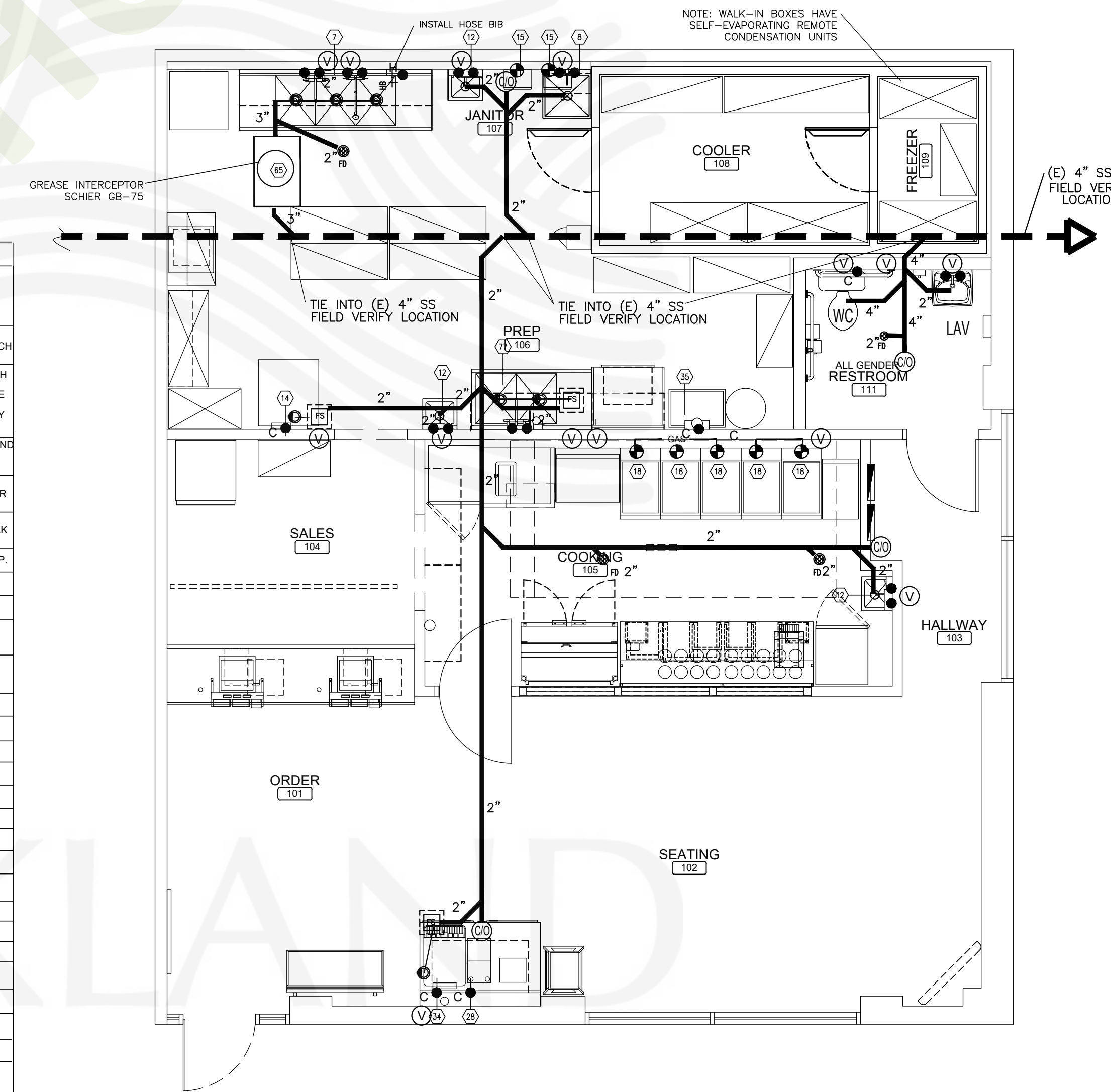
Acute Consulting, Inc.
29 ORINDA WAY, #1267
ORINDA, CA 94563
925-818-4132

WING STOP RESTAURANT
FOOTHILL SQUARE
10700 MACARTHUR BLVD. #2A
ORLANDO, CA 94563
STORE CL# 0345



DWG DATE:
1/24/23
DRAWN BY:
MSD

PLUMBING PLAN
P.1

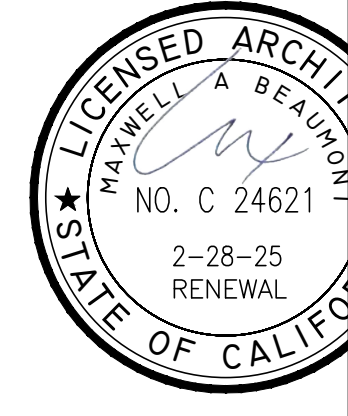


PLAN NORTH

PLUMBING EQUIPMENT PLAN
SCALE: 1/4" = 1'-0"

REV.	DATE	NO.
5/26/23		1

BEAUMONT & ASSOCIATES
MAXWELL A. BEAUMONT, ARCHITECT
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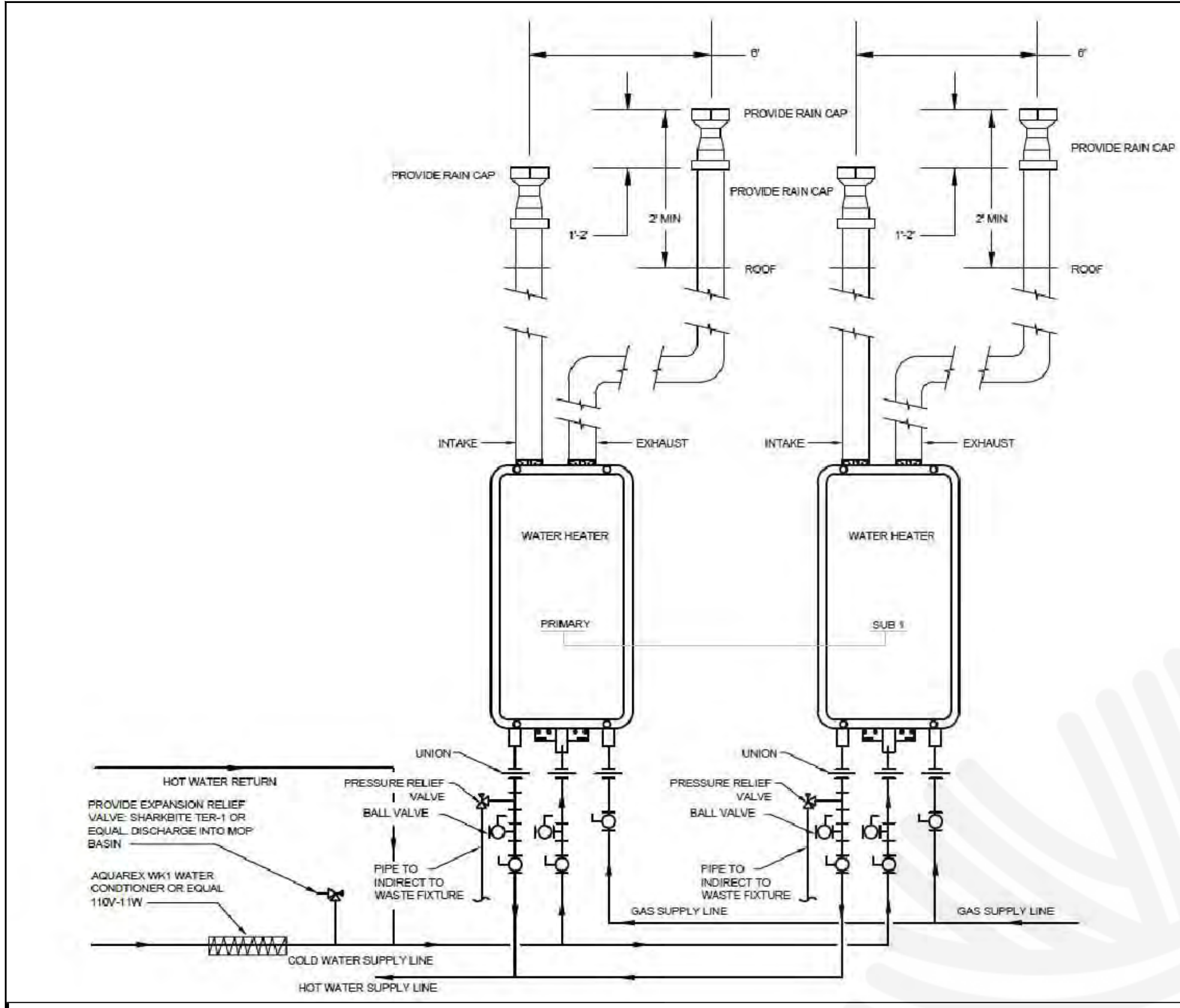


Acute Consulting, Inc.
29 ORINDA WAY, #1267
ORINDA, CA 94563
925-818-4152

WING STOP RESTAURANT
FOOTHILL SQUARE
10700 MACARTHUR BLVD. #2A
CITY OF OAKLAND, CA 94605
STORE 615-345

DWG DATE:
1/24/23
DRAWN BY:
MSD

WATER & GAS
P.2



WALL MOUNTED TANKLESS WATER HEATER DETAIL
NTS
(USE STAINLESS VENT FOR TANKLESS WATER HEATER)

WATER HEATER SIZING
(HOT WATER DEMAND FOR TANKLESS WATER HEATERS)

TYPE OF SINK/FIXTURE	NO.	GPM	TOTAL
UTENSIL SINK (18" X 18")	1	X 2	= 2
FOOD PREP SINK	1	X 2	= 2
MOP SINK	1	X 2	= 2
HAND SINK	4	X 5	= 20
DISHWASHER	-	X 2	= -
PRE-RINSE SPRAYER (HAND)	1	X 2	= 2
TOTAL GPM =			10

PROPOSED: (2) EACH NORITZ #NCC1991 (6.2 GPM @ 60 degrees rise EACH)
A TOTAL OF 12.4 GPM IS PROVIDED (2 EACH X 6.2 GPM)

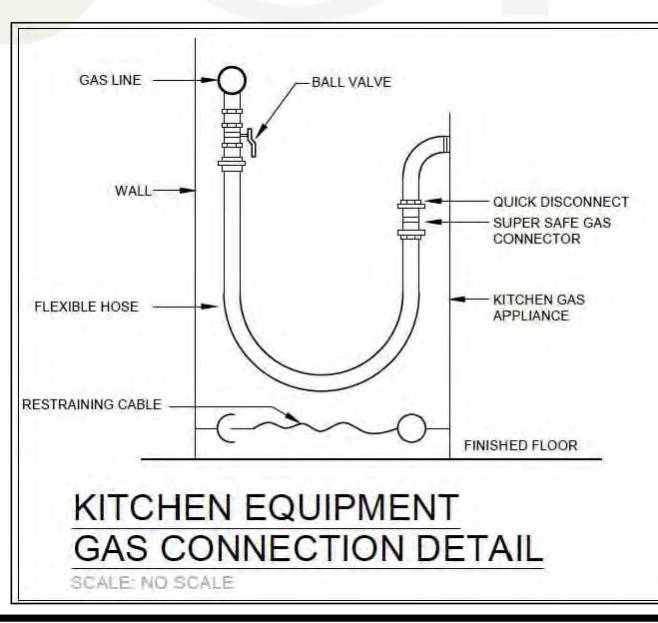
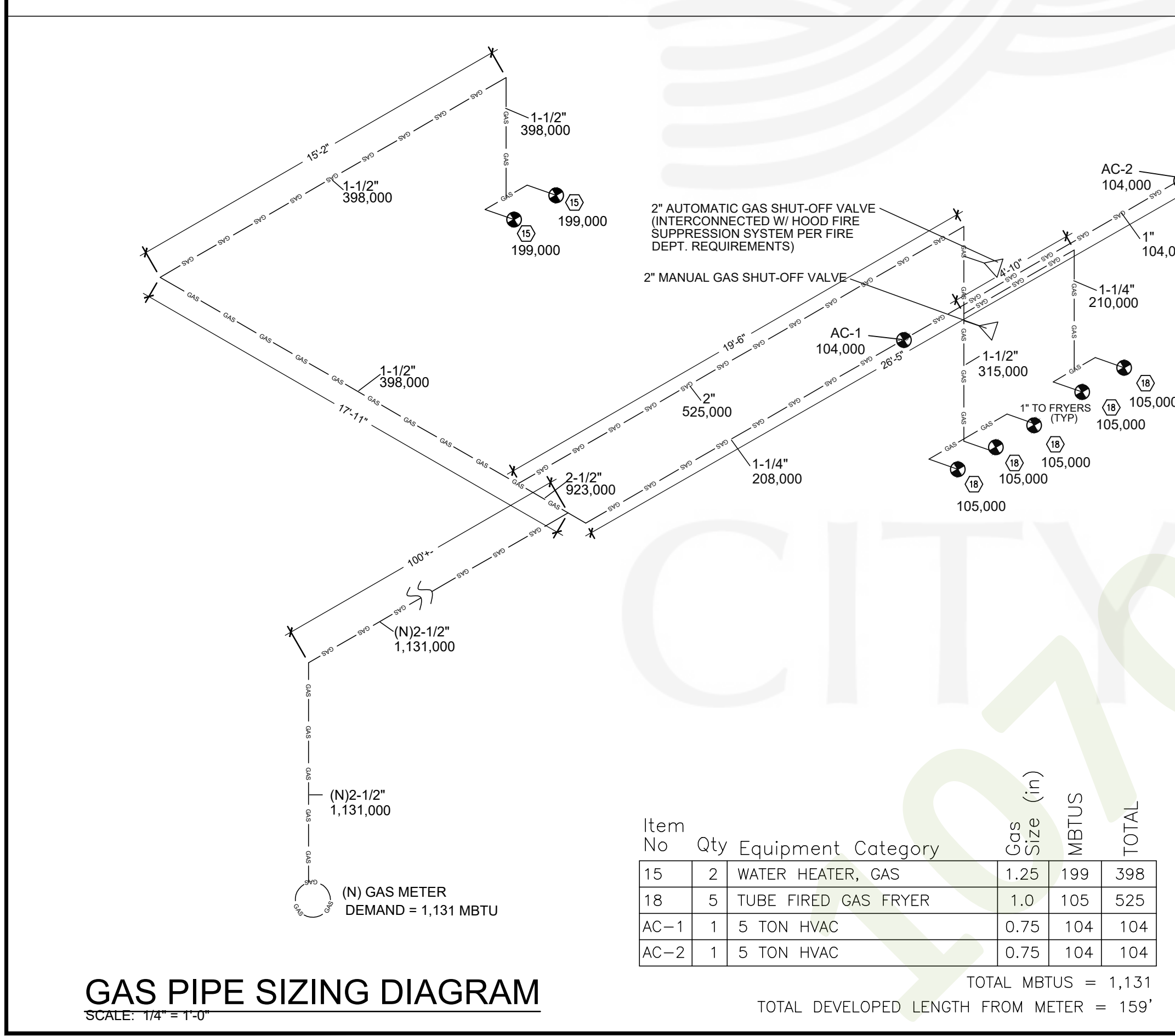
WATER HEATER DISTRIBUTION:

EQUIPMENT REQUIRING 40°F WATER:

- (1) 3-COMPARTMENT SINK
- (1) MOP SINK BASIN
- (1) HOSE BIB UNDER 3-COMPARTMENT SINK

EQUIPMENT REQUIRING 110°F WATER:

- (1) 2-COMPARTMENT SINK
- (3) HAND SINKS
- (2) LAVATORYS



PIPING MATERIALS

WASTE: NO-HUB CAST IRON PIPE AND FITTINGS. A.B.S. OR WHERE APPROVED BY MUNICIPALITY OR COPPER "DWV" PIPE AND FITTINGS OR

VENT: NO-HUB CAST IRON PIPE AND FITTINGS. A.B.S. WHERE APPROVED BY MUNICIPALITY OR COPPER "DWV" PIPE AND FITTINGS

WATER: TYPE "L" COPPER PIPE AND FITTINGS. INSULATE HOT WATER PIPING PER TITLE 24

COND. DRAIN: TYPE "M" COPPER PIPE AND FITTINGS. OR COPPER "DWV" PIPE AND FITTINGS.

PIPE SIZE	COLD WATER		MAIN	BRANCH	HOT WATER	
	GPM	VELOCITY (CFS)			GPM	VELOCITY (CFS)
1/2"	1.8	2.5	-	1 FIX	1.8	2.5
3/4"	4.8	3.3	-	4	4.8	3.3
1"	10.0	3.8	-	13	4.8	3.8
1-1/4"	17.0	4.5	-	24	4.8	4.4
1-1/2"	28.0	5.3	11	49	4.8	5.0

CALIFORNIA GREEN CODE WATER USAGE

FIXTURE SCHEDULE

QTY	FIXTURE	MANUFACTURER	MODEL #	FLOW RATE	MAX. ALLOWED
1	WATER CLOSET	TOTO-ECO PROMENADE	CST424EF(G)	1.28 GAL/FLUSH	1.28 GAL/FLUSH
1	LAVATORY METERING FAUCET	AMERICAN STANDARD METERING FAUCET	#1340.225	0.17 GAL/CYCLE	0.20 GAL/CYCLE
1	PRE-RINSE FAUCET	FISHER	ULTRA SPRAY VALVE	1.15 GPM @ 60 PSI	1.6 GPM @ 60 PSI
2	KITCHEN FAUCET (PREP SINK & 3C SINK)	DELTA	PILAR 90BT-DST	1.8 GPM @ 60 PSI	1.8 GPM @ 60 PSI

FIXTURE UNIT SCHEDULE

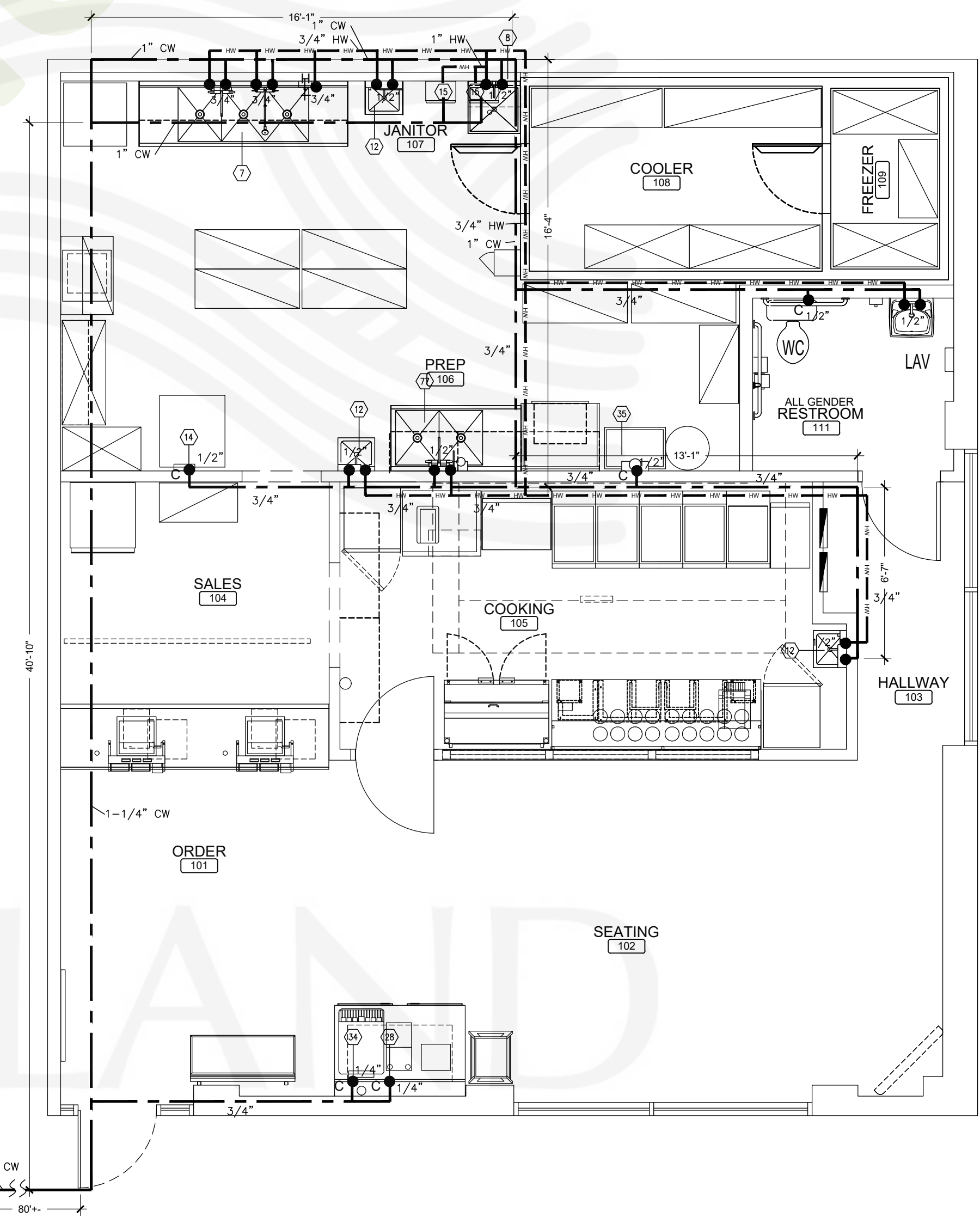
ITEM	FIXTURE	QTY	WATER FU		SEWER FU	
			EACH	TOTAL	EACH	TOTAL
06	MOP SINK	1	3	3	3	3
07	3-COMP. SINK	1	4	4	3	3
77	PREP. SINK	1	1.5	1.5	3	3
12	HAND SINK	3	1	3	3	6
14	ICE MACHINE	1	1	1	-	-
28	TEA BREWER	1	.5	.5	-	-
34	SODA MACHINE	1	.5	.5	-	-
35	CARBONATOR	1	.5	.5	-	-
	HOSE BIBB	1	1.5	1.5	-	-
	FLOOR DRAIN	3	-	-	2	6
	WATER CLOSET	1	2.5	2.5	6	6
	LAVATORY	1	1	1	1	1
TOTAL				19		28

WATER LINE SIZING CALCULATIONS:

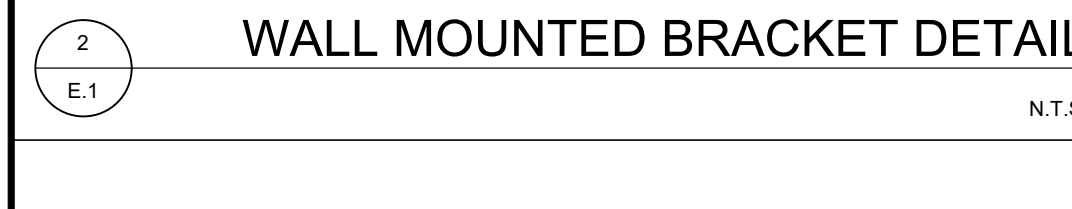
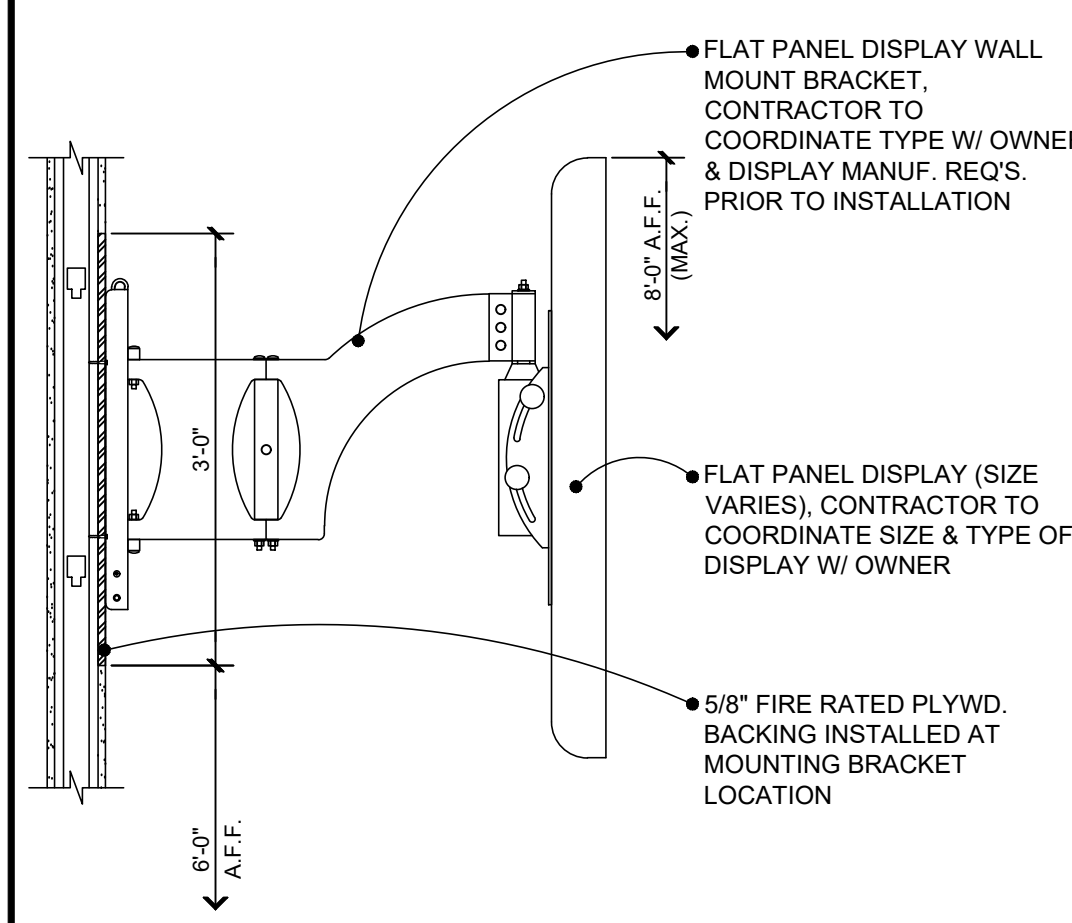
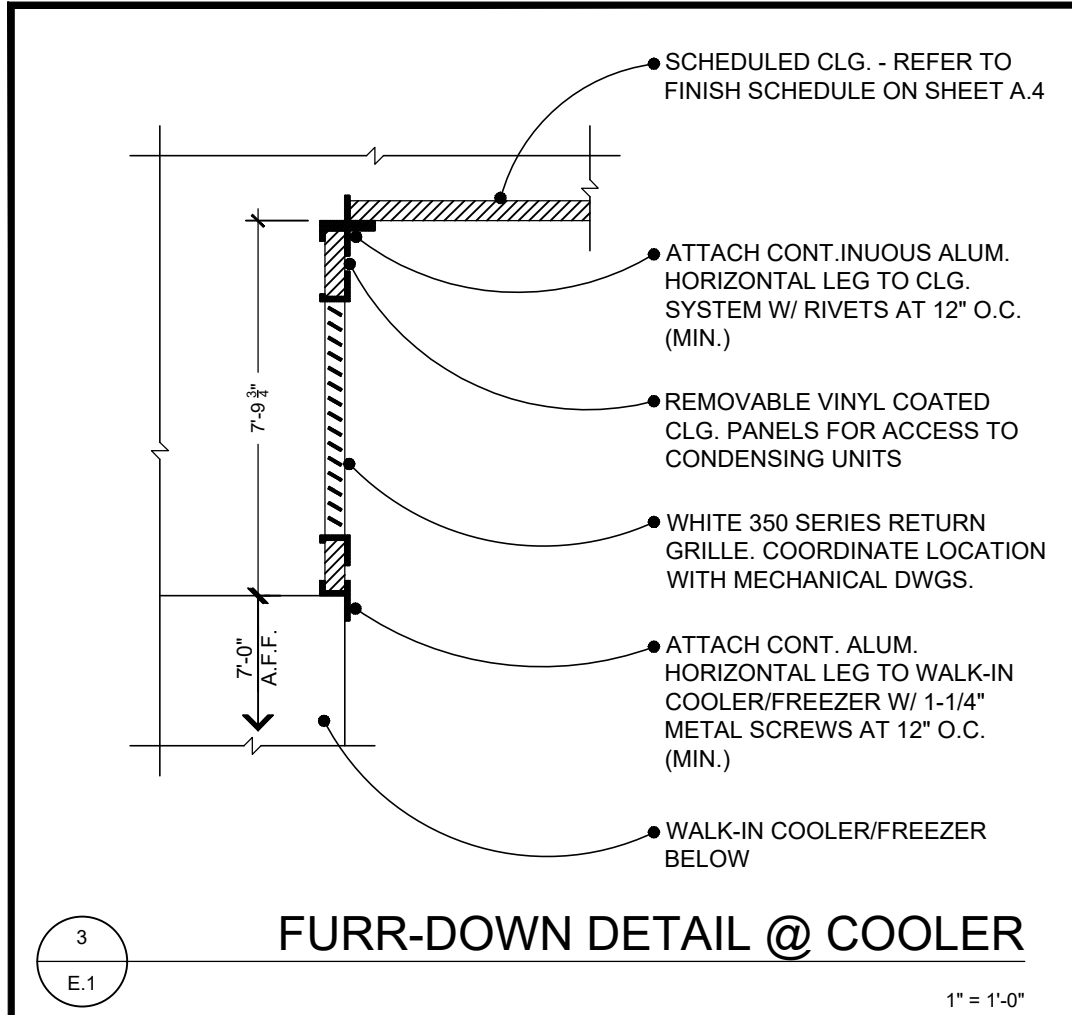
- PRESSURE RANGE 30 - 45 PSI
- TOTAL DEVELOPED LENGTH = 197'+-
- TOTAL WATER FIXTURE UNITS = 19
- MIN. LINE SIZE = 1-1/4"

--- COLD WATER (CW)
--- HOT WATER (HW)

NOTE: DO NOT INSTALL WATER LINES, GAS LINES, VENTS OR ELECTRICAL ABOVE HOOD AREA.



WATER SUPPLY PIPE SIZING DIAGRAM
SCALE: 1/4" = 1'-0"
PLAN NORTH



CEILING PLAN NOTES

- LIGHT FIXTURES SHALL BE PLACED AS DIMENSIONED AND SCHEDULED - ALL LIGHT FIXTURES SUPPLIED AS SCHEDULED WITH NO EXCEPTIONS
- REFER TO MECHANICAL DRAWINGS FOR RETURN AND DIFFUSER LOCATIONS - ALL RETURNS AND DIFFUSERS IN SALES, ORDER, AND SEATING AREAS TO BE FACTORY FINISHED IN FLAT BLACK
- VERIFY LOCATION AND QUANTITIES FOR EMERGENCY LIGHTING WITH ELECTRICAL DRAWINGS, LOCAL INSPECTION AGENCY, AND LOCAL FIRE MARSHALL - EXIT SIGNS SHALL BE CONNECTED TO AN EMERGENCY ELECTRICAL SYSTEM PROVIDED FROM STORAGE BATTERIES, UNIT EQUIPMENT OR AN ON-SITE GENERATOR - THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE ELECTRICAL CODE
- REFER TO DETAIL 5/E.1 FOR SUSPENDED CEILING DETAIL
- REFER TO THE FINISH SCHEDULE ON SHEET A.4 FOR CEILING FINISH INFORMATION

CEILING LEGEND

- INSTALL ALL WALL MOUNTED LCD/TV OUTLETS 7'-0" A.F.F. - REFER TO 2/E.1 - TYP.
- TRACK LIGHTING (BLACK) MOUNTED TO BOTTOM OF THE CEILING TILE - TYP.
- PENDANT LIGHTING - REFER TO THE LIGHTING SCHEDULE FOR MOUNTING LOCATIONS - TYP.
- SPEAKER LOCATIONS - OWNER TO COORDINATE TYPE/ LOCATION, SPACE EQUALLY IN SEATING
- MENU BOARD - MOUNT BOTTOM OF MENU BOARD AT 7'-0" A.F.F.
- CEILING GRID STARTING POINT
- DINE IN SIGN REFER TO EQ.1 FOR ADD. INFO.
- ORDER AHEAD SIGN, ORIENTATE TO FRONT DOOR - REFER TO EQ.1 FOR ADD. INFO.

HEALTH DEPT. REQUIREMENTS

- LIGHT BULBS SHALL BE SHIELDED, COATED OR OTHERWISE SHATTER-RESISTANT IN AREAS WHERE THERE IS NONPREPACKAGED READY-TO-EAT FOOD, CLEAN EQUIPMENT, UTENSILS, AND LINENS, OR UNWRAPPED SINGLE-USE ARTICLES.
- A MINIMUM OF 20 FOOT-CANDLES OF LIGHT SHALL BE PROVIDED AT A SURFACE WHERE FOOD IS PROVIDED FOR CONSUMER SELF-SERVICE OR WHERE FRESH PRODUCE OR PREPACKAGED FOODS ARE SOLD OR OFFERED FOR CONSUMPTION; IN SERVER STATIONS WHERE FOOD IS PREPARED; AT A DISTANCE OF 30 INCHES ABOVE THE FLOOR IN AREAS USED FOR HANDWASHING, WAREWASHING, AND EQUIPMENT AND UTENSIL STORAGE, AND IN TOILET ROOMS; AND IN ALL AREAS AND ROOMS DURING PERIODS OF CLEANING.

LIGHTING, DIFFUSERS, & GRILLE SCHEDULE

MK.	SYMBOL	SPECIFICATIONS	MOUNTING HEIGHT	NOTES
A (2 EA)	[Symbol]	FIXTURE: 2'-0" TRACK W/ (2) FIXTURES (HEAD), 10W, LED JUNO #R800L - G2. CURRENT LIMIT FEED #RCLF118L SUPPLIER: MELETO ELECTRICAL SUPPLY	MOUNT TO BOTTOM OF SCHEDULED CLG., BOTTOM OF TRACK MOUNTED TO BOTTOM OF FRAMING AND 3'-0" FROM ADJACENT WALLS UNLESS NOTED OTHERWISE	SCHEDULE SHEET A.4 SUSPEND FROM CLG. W/ 3/8" ALL-THREAD
B (2 EA)	[Symbol]	FIXTURE: 16" ROUND PENDANT W/ 15'-0" CORD (BLACK) H-16116-1011CB15-81. BRUSHED ALUM., DIMMABLE, LED 10W SUPPLIER: MELETO ELECTRICAL SUPPLY	MOUNT TO SCHEDULED CLG. AS FOLLOWS: ALL AREAS SUSPEND TO 6'-6" A.F.F. TO BOTTOM OF FIXTURE	N/A
C (9 EA)	[Symbol]	FIXTURE: 2'x4' TROFFER W/ ACRYLIC LENS, #E2P2X4-89YD10. DIMMABLE, LED, 48W SUPPLIER: MELETO ELECTRICAL SUPPLY	MOUNT TO SCHEDULED ACOUSTICAL CLG.	N/A
CA (1 EA)	[Symbol]	FIXTURE: 2'x4' TROFFER W/ ACRYLIC LENS #SWS2X4-49YD10. DIMMABLE, LED, 48W SUPPLIER: MELETO ELECTRICAL SUPPLY	MOUNT TO SCHEDULED ACOUSTICAL CLG.	N/A
D (7 EA)	[Symbol]	FIXTURE: 4" ROUND RECESSED CAN LIGHT, HALO #L7460WH6930. LED, 8W, DIMMABLE, LED SUPPLIER: MELETO ELECTRICAL SUPPLY	MOUNT TO SCHEDULED ACOUSTICAL CLG. NOTE: CLG. INSULATION MUST BE 3" AWAY ON ALL SIDES	N/A
DA (5 EA)	[Symbol]	FIXTURE: 6" ROUND RECESSED CAN LIGHT, HALO #LTS560WH12930. LED, 10W SUPPLIER: MELETO ELECTRICAL SUPPLY	MOUNT TO SCHEDULED ACOUSTICAL CLG. NOTE: CLG. INSULATION MUST BE 3" AWAY ON ALL SIDES	N/A
DB (4 EA)	[Symbol]	FIXTURE: 6" ROUND RECESSED CAN LIGHT, HALO #RLD6-06-030-1E-WH, 10W DIMMABLE, LED SUPPLIER: MELETO ELECTRICAL SUPPLY	MOUNT TO SCHEDULED ACOUSTICAL CLG. NOTE: CLG. INSULATION MUST BE 3" AWAY ON ALL SIDES	N/A
F (1 EA)	[Symbol]	FIXTURE: 6'-0" TRACK WITH AMP CURRENT LIMITER (4) WALL WASH TRACK HEADS (WHITE), JUNO #R800L-3-KN-WH SUPPLIER: MELETO ELECTRICAL SUPPLY	MOUNT TO SCHEDULED CLG.	CLG. INSULATION MUST BE 3" AWAY ON ALL SIDES
LCD	[Symbol]	FIXTURE: WALL MOUNTED FLAT PANEL DISPLAY TV WALL MOUNTING BRACKET FOR FLAT SCREEN TV'S 32" TO 42" MODELS CONTRACTOR TO COORDINATE BRACKET WITH MANUFACTURER'S RECOMMENDATION AND OWNER SELECTION SUPPLIED BY OWNER	MOUNT TO SCHEDULED PARTITION WITH BOTTOM OF LCD PANEL AS INDICATED ON THE REFLECTED CLG. PLAN	N/A
S (3 EA)	[Symbol]	6" CEILING RECESSED SPEAKER PROVIDED BY OWNER, SUPPLIED BY APPROVED VENDOR, COORDINATED BY GC - PROVIDE MIN. 6" ADDITIONAL WIRE PER SPEAKER AT J-BOX	MOUNT IN TILE	PROVIDE IN FACTORY FINISHED FLAT BLACK
EM	[Symbol]	EMERGENCY THERMOPLASTIC EMERGENCY LIGHT BY LITHONIA LIGHTING #EU2C, WITH BATTERY BACKUP.		
EMC	[Symbol]	COMBO EXIT / EMERGENCY LIGHT THERMOPLASTIC EMERGENCY LIGHT BY LITHONIA LIGHTING #ECC WITH BATTERY BACKUP.		
	[Symbol]	ON/OFF MOTION SENSOR		
	[Symbol]	DAYLIGHT SENSOR		

SUPPLIER NOTE: MELETO ELECTRICAL SUPPLY: 10600 HARRY HINES, DALLAS, TEXAS 75220 CONTACT: JIM ELLIS (SALES MANAGER), PHONE 1-800-777-4993 EXT. 1143 OFFICE, 972-559-6943 DIRECT, 214-353-3425 FAX, JELLIS@MELETO.COM

NOTE: REFER TO COVER SHEET FOR GENERAL NOTES AND NOTES TO BIDDERS

NOTE: A HEAVY DUTY T-BAR GRID SYSTEM SHALL BE USED. THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE PROVISIONS OF ASTM C 635 AND ASTM C 636, SECTION 1613.1 CBC

HANGER ATTACHMENT DEVICES SHALL BE AN APPROVED TYPE. SUSPENSION WIRES SHALL NOT BE SMALLER THAN NO. 12 GAUGE SPACED @ 4'-0" O.C. ALONG EACH MAIN RUNNER. EACH WIRE SHALL BE ATTACHED TO THE CEILING MEMBER AND THE SUPPORT ABOVE WITH A MINIMUM OF THREE TURNS. CONNECTION DEVICES AT THE SUPPORTING CONSTRUCTION SHALL BE CAPABLE OF CARRYING NOT LESS THAN 100 POUNDS. WIRES SHALL NOT HANG MORE THAN 1 IN 6 OUT OF PLUMB UNLESS COUNTERSLOPING WIRES ARE PROVIDED. A TRAPEZE SHALL BE USED WHERE OBSTRUCTIONS PRECLUDE DIRECT SUSPENSION.

TERMINAL ENDS OF EACH CROSS RUNNER AND MAIN RUNNER SHALL BE INDEPENDENTLY SUPPORTED A MAXIMUM OF 8" FROM THE WALL OR CEILING DISCONTINUITY WITH NO. 12 GAUGE WIRE.

HORIZONTAL RESTRAINTS SHALL BE EFFECTED BY FOUR NO. 12 GAUGE WIRES SECURED TO THE MAIN RUNNER WITHIN 2" OF THE CROSS RUNNER INTERSECTION AND SPAYED 90 DEGREES FROM EACH OTHER AT AN ANGLE NOT TO EXCEED 45 DEGREES FROM THE PLANE OF THE CEILING. A STRUT FASTENED TO THE MAIN RUNNER SHALL BE EXTENDED UP AND FASTENED TO THE STRUCTURAL MEMBERS SUPPORTING THE ROOF OR FLOOR ABOVE. THE STRUT SHALL BE ADEQUATE TO RESIST THE VERTICAL COMPONENT INDUCED BY THE BRACING WIRES. THESE HORIZONTAL RESTRAINT POINTS SHALL BE PLACED 12"-0" ON CENTER IN BOTH DIRECTIONS WITH THE FIRST POINT WITHIN 6'-0" FROM EACH WALL. ATTACHMENT OF THE RESTRAINT WIRES SHALL BE ADEQUATE FOR THE LOAD IMPOSED.

LATERAL FORCE BRACING MEMBERS SHALL BE SPACED A MINIMUM OF 6" FROM ALL HORIZONTAL PIPING OR DUCTWORK THAT IS NOT PROVIDED WITH BRACING RESTRAINTS FOR HORIZONTAL FORCES. BRACING WIRES SHALL BE ATTACHED TO THE GRID AND TO THE STRUCTURE IN SUCH A MANNER THAT THEY CAN SUPPORT A DESIGN LOAD OF NOT LESS THAN 200 POUNDS OR THE ACTUAL DESIGN LOAD, WHICHEVER IS GREATER, WITH A SAFETY FACTOR OF 2.

PERIMETER MEMBERS SHALL BE CONSIDERED AS AESTHETIC CLOSURES WITH NO STRUCTURAL VALUE. ENDS OF MAIN RUNNERS AND CROSS RUNNERS SHALL BE TIED TOGETHER TO PREVENT SPREADING. MAIN RUNNERS AND CROSS RUNNERS MAY BE ATTACHED AT TWO ADJACENT WALLS WITH CLEARANCE BETWEEN THE WALL AND RUNNERS MAINTAINED AT THE OTHER TWO WALLS.

INTERMEDIATE AND HEAVY DUTY CEILING SYSTEMS SHALL BE USED FOR SUPPORT OF LIGHT FIXTURES. ALL LIGHTING FIXTURES SHALL BE POSITIVELY ATTACHED TO THE SUSPENDED CEILING SYSTEM. THE ATTACHMENT DEVICE SHALL HAVE A CAPACITY OF 100% OF THE LIGHTING FIXTURE WEIGHT ACTING IN ANY DIRECTION. WHEN INTERMEDIATE SYSTEMS ARE USED, NO. 12 GAUGE HANGER WIRES SHALL BE ATTACHED TO THE GRID MEMBERS WITHIN 3" OF EACH CORNER OF EACH FIXTURE. TANDEM FIXTURES MAY UTILIZE COMMON WIRES. WHEN HEAVY DUTY SYSTEMS ARE USED, SUPPLEMENTAL HANGERS ARE NOT REQUIRED IF A 48" MODULAR PATTERN IS FOLLOWED.

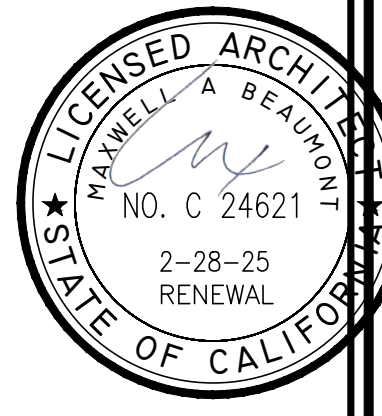
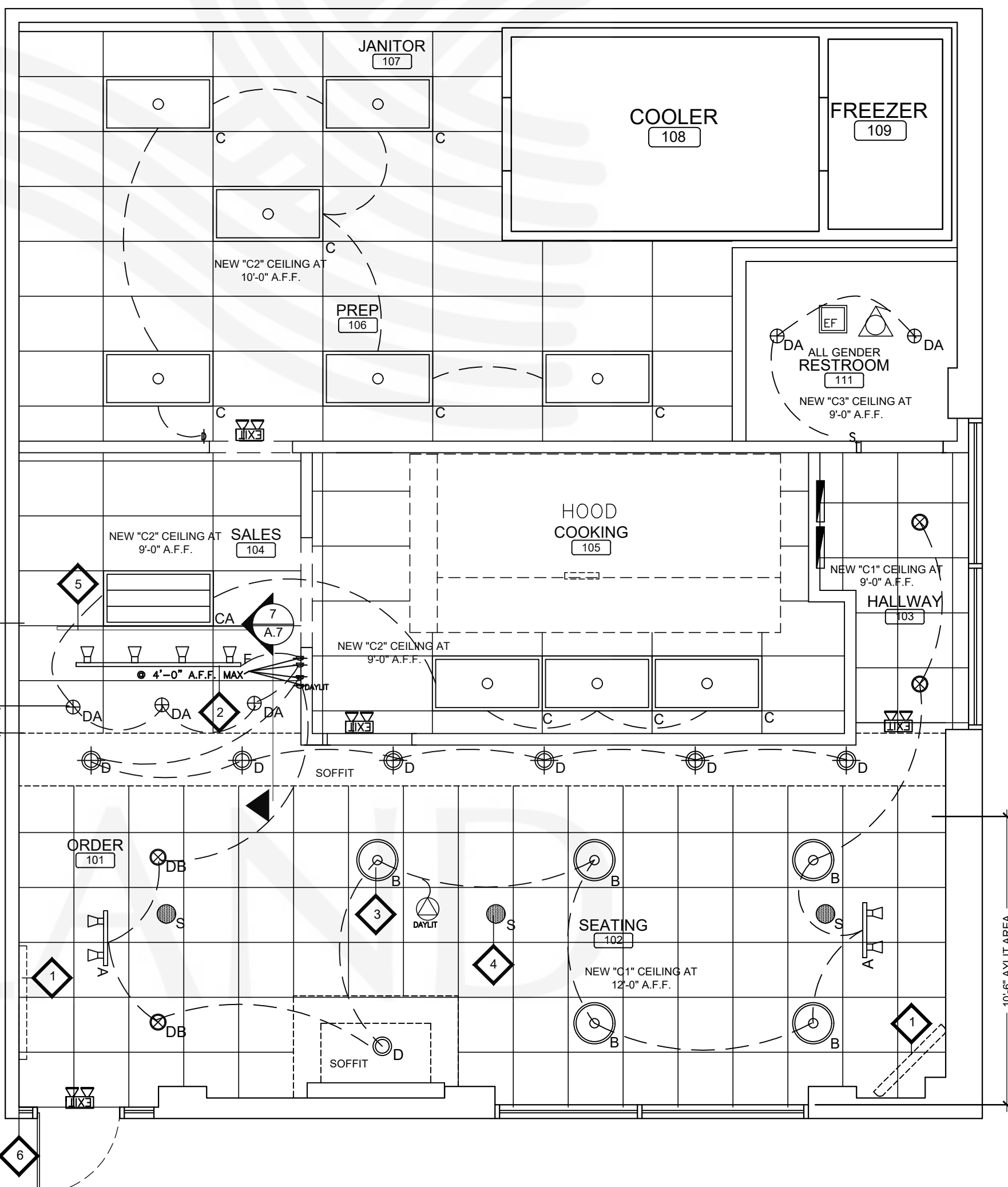
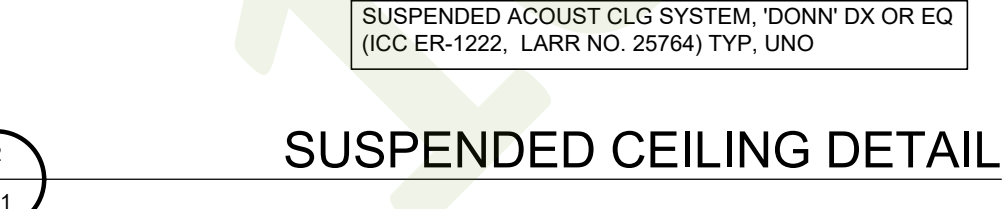
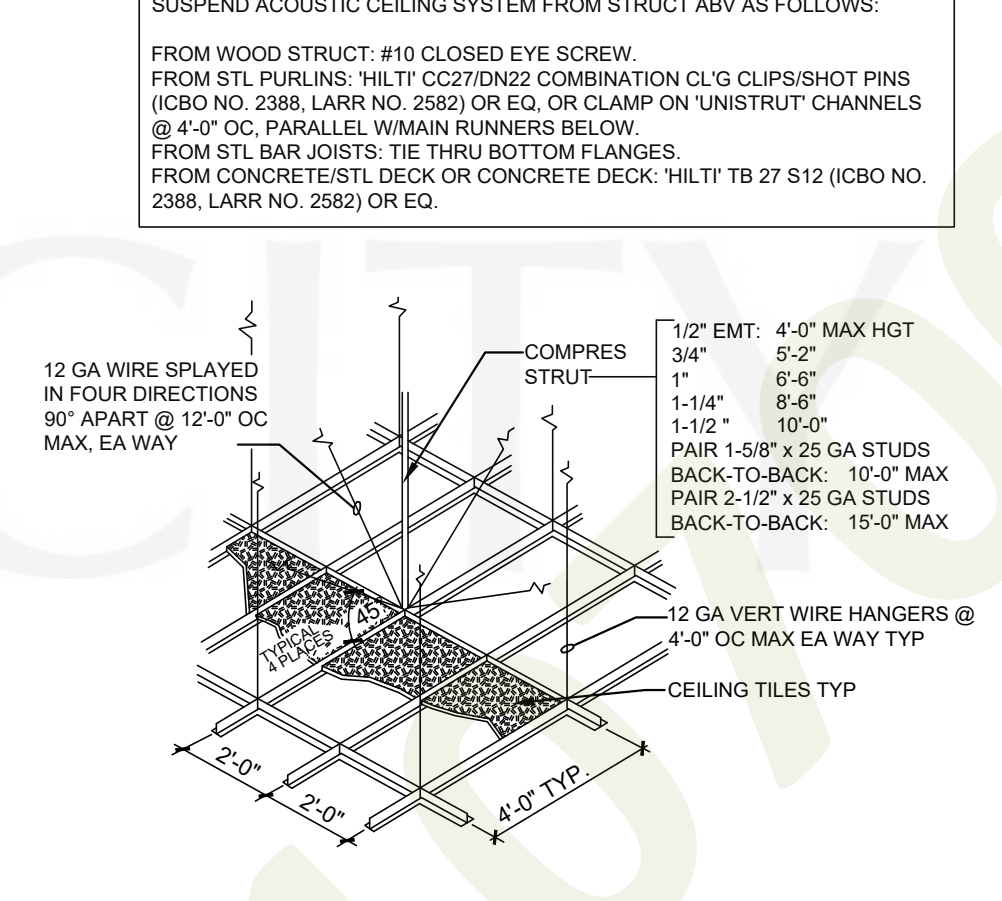
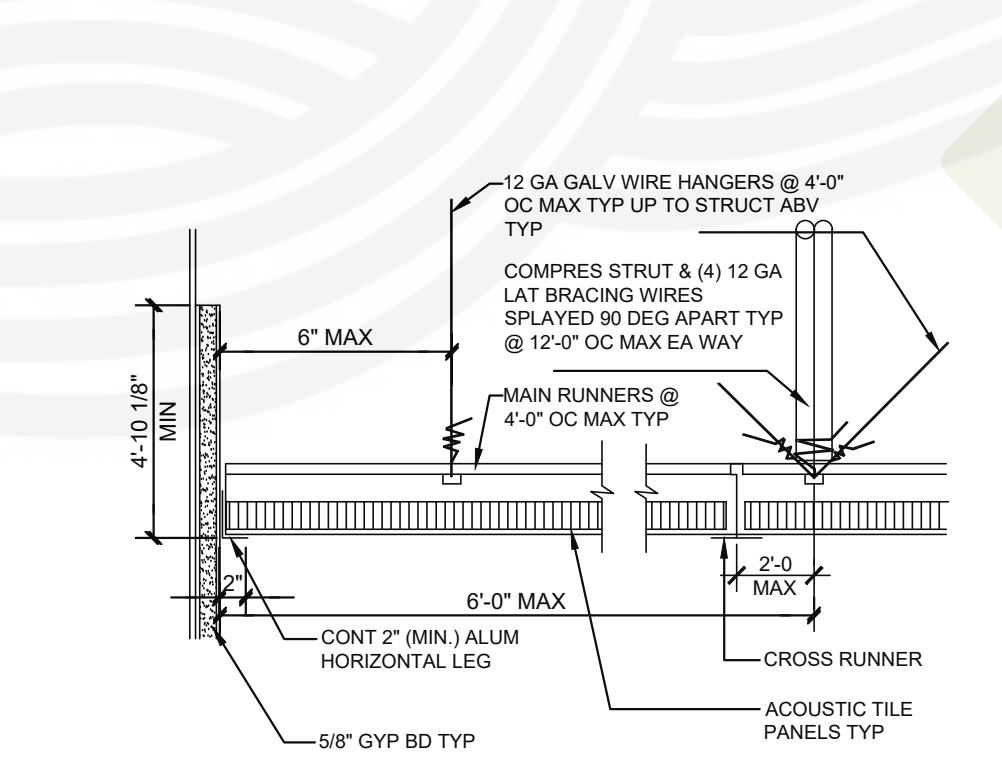
LIGHTING FIXTURES WEIGHING LESS THAN 56 POUNDS SHALL HAVE, IN ADDITION TO THE ABOVE REQUIREMENTS, TWO NO. 12 GAUGE HANGERS CONNECTED FROM THE FIXTURE HOUSING TO THE STRUCTURE ABOVE. THESE WIRES MAY BE SLACK. LIGHTING FIXTURES WEIGHING 56 POUNDS OR MORE SHALL BE SUPPORTED DIRECTLY FROM THE STRUCTURE ABOVE BY APPROVED HANGERS. PENDANT-HUNG LIGHTING FIXTURES SHALL BE SUPPORTED DIRECTLY FROM THE STRUCTURE ABOVE USING NO. 9 GAUGE WIRES OR APPROVED ALTERNATE SUPPORT WITHOUT USING THE CEILING SYSTEM FOR DIRECT SUPPORT.

CEILING MOUNTED AIR TERMINALS OR SERVICES WEIGHING LESS THAN 20 POUNDS SHALL BE POSITIVELY ATTACHED TO THE MAIN RUNNERS OR CROSS RUNNERS WITH THE SAME CARRYING CAPACITY AS MAIN RUNNERS. SERVICES WEIGHING 20 POUNDS BUT LESS THAN 56 POUNDS SHALL HAVE, IN ADDITION TO THE ABOVE, TWO NO. 12 GAUGE HANGERS CONNECTED FROM THE TERMINAL OR SERVICE TO THE STRUCTURE ABOVE. THESE WIRES MAY BE SLACK. SERVICES WEIGHING MORE THAN 56 POUNDS SHALL BE SUPPORTED DIRECTLY FROM THE STRUCTURE ABOVE BY APPROVED HANGERS.

ALL PARTITIONS SHALL BE BRACED INDEPENDENTLY FROM THE CEILING SYSTEM. THE WIDTH OF THE PERIMETER SUPPORTING CLOSURE ANGLE SHALL NOT BE LESS THAN 2 INCHES IN EACH ORTHOGONAL HORIZONTAL DIRECTION. ONE END OF THE CEILING GRID SHALL BE ATTACHED TO THE CLOSURE ANGLE. THE OTHER END IN EACH HORIZONTAL DIRECTION SHALL HAVE A 0.75 INCH CLEARANCE FROM THE WALL AND SHALL REST UPON, AND BE FREE TO SLIDE ON A CLOSURE ANGLE.

EXCEPT WHERE RIGID BRACES ARE USED TO LIMIT LATERAL DEFLECTIONS, SPRINKLER HEADS, OR OTHER PENETRATIONS SHALL HAVE A 2 INCH OVERSIZE RING, SLEEVE, OR ADAPTOR THROUGH THE CEILING TILE TO ALLOW FOR FREE MOVEMENT OF AT LEAST 1 INCH OF CEILING MOVEMENT IN ALL HORIZONTAL DIRECTIONS. ALTERNATIVELY, A SWING JOINT THAT CAN ACCOMMODATE 1 INCH OF CEILING MOVEMENT IN ALL HORIZONTAL DIRECTIONS IS PERMITTED TO BE PROVIDED AT THE TOP OF THE SPRINKLER HEAD EXTENSION.

EXCEPT WHERE RIGID BRACES ARE USED TO LIMIT LATERAL DEFLECTIONS, SPRINKLER HEADS, OR OTHER PENETRATIONS SHALL HAVE A 2 INCH OVERSIZE RING, SLEEVE, OR ADAPTOR THROUGH THE CEILING TILE TO ALLOW FOR FREE MOVEMENT OF AT LEAST 1 INCH OF CEILING MOVEMENT IN ALL HORIZONTAL DIRECTIONS. ALTERNATIVELY, A SWING JOINT THAT CAN ACCOMMODATE 1 INCH OF CEILING MOVEMENT IN ALL HORIZONTAL DIRECTIONS IS PERMITTED TO BE PROVIDED AT THE TOP OF THE SPRINKLER HEAD EXTENSION.



REV. DATE	NO.
5/26/23	1

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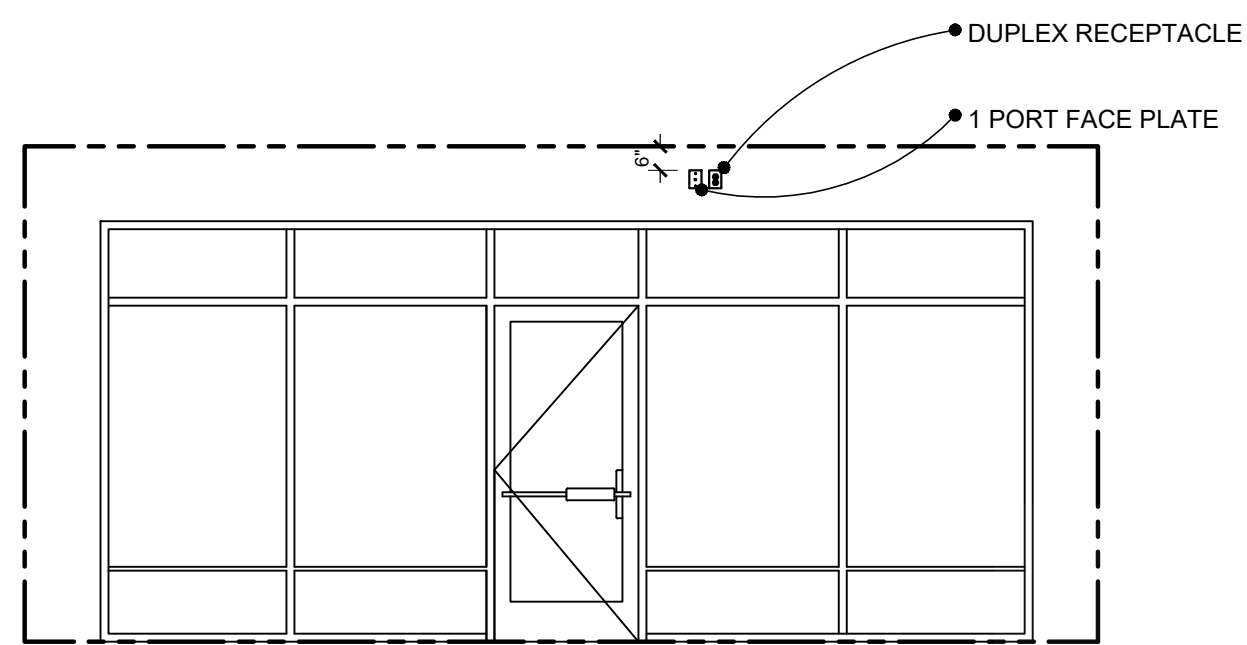
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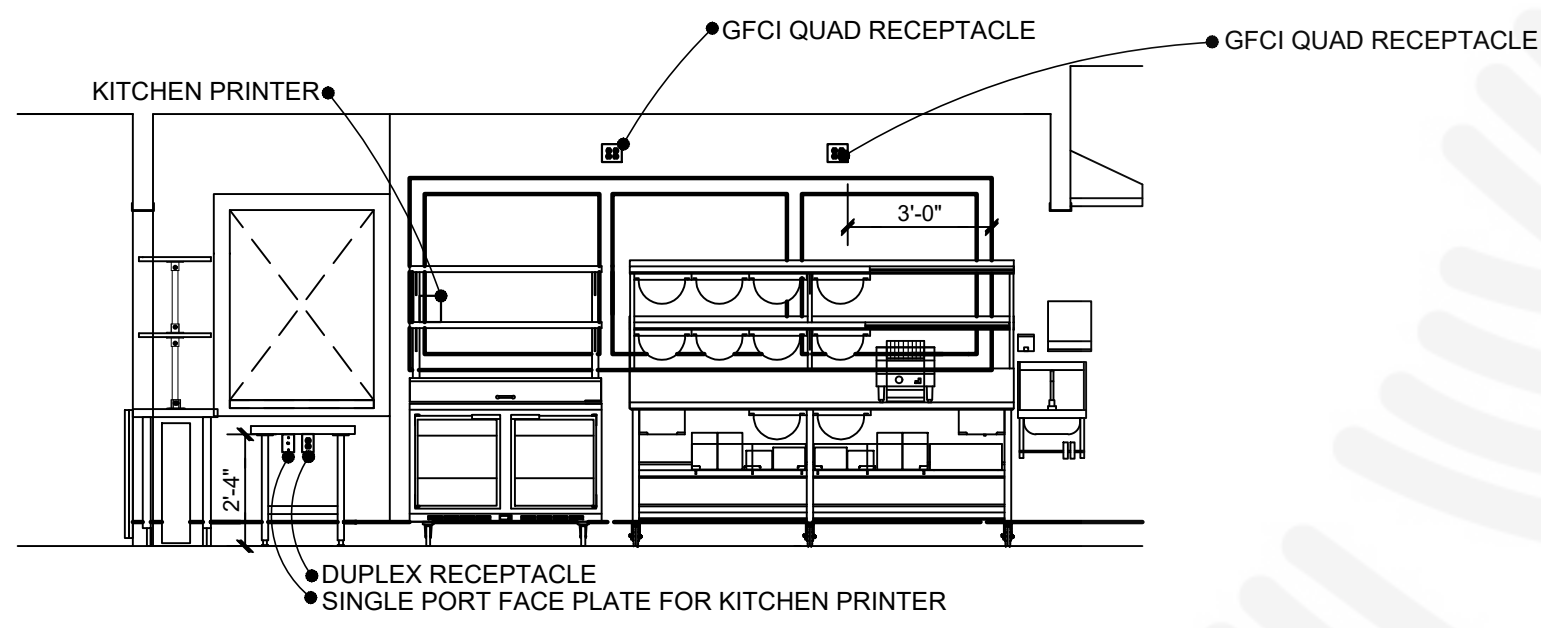
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REFLECTIVE CEILING PLAN

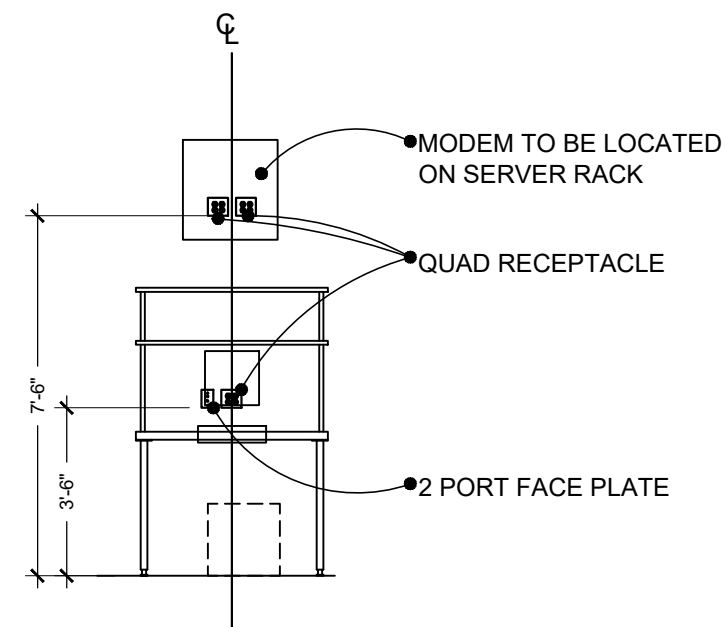
E.1



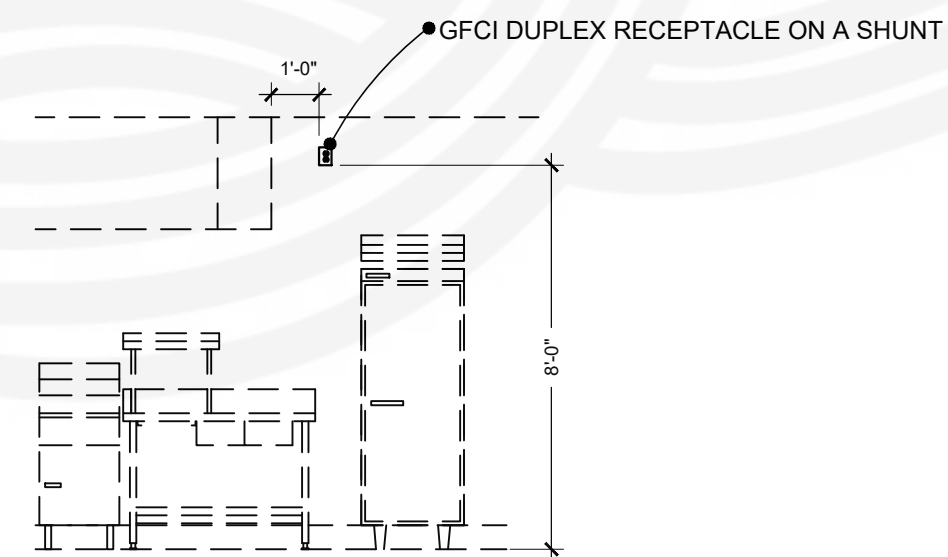
1
E.2 TYP. STOREFRONT DATA ELEVATION
1/4" = 1'-0"



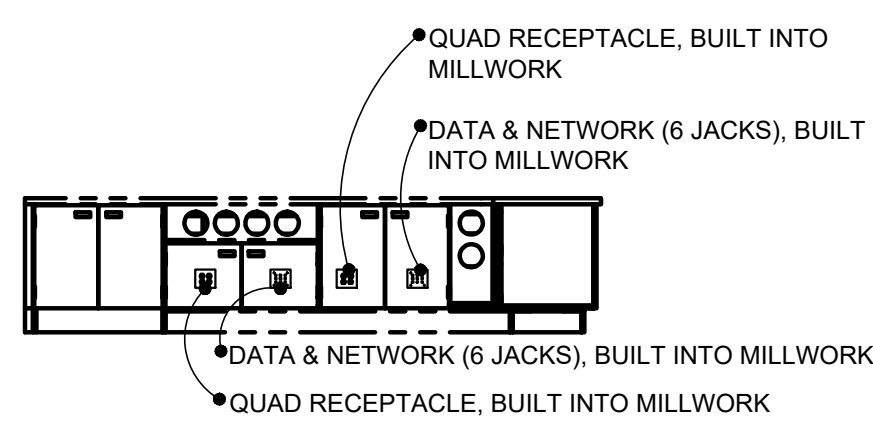
2
E.2 TYPICAL KITCHEN DATA ELEVATION
1/4" = 1'-0"



3
E.2 TYPICAL OFFICE DATA ELEVATION
1/4" = 1'-0"



5
E.2 TYPICAL COOKING DATA ELEVATION
1/4" = 1'-0"



4
E.2 TYPICAL POS DATA ELEVATION
1/4" = 1'-0"

- NOTES:
1. PROVIDE POWER FOR TWO WINDOW SIGNS THROUGH TIME CLOCK. "OPEN" SIGN SHALL ALSO BE ROUTED THROUGH SWITCH AT FRONT COUNTER.
 2. PROVIDE TWO SETS OF 3-WAY SWITCHES TO CONTROL LIGHTING FIXTURES IN KITCHEN, SCULLERY, STOCK AND JANITOR AREAS. ONE SET OF SWITCHES AT THE FRONT COUNTER AND ONE AT THE REAR DOOR. SWITCHES SHOULD BE USED TO CONTROL ALTERNATE LIGHTING FIXTURES IN THE RUN.
 3. PROVIDE A WATTSTOPPER LP8F-8-115 8 RELAY LIGHTING CONTROL PANEL TO CONTROL ALL LIGHTING CIRCUITS NOT CONTROLLED BY OCCUPANCY SENSORS.
 4. PROVIDE TOGGLE SWITCH AT FRONT COUNTER FOR "OPEN" SIGN.

SYMBOL LEGEND

	QUAD WALL OUTLET, MOUNTING HEIGHT AS INDICATED PER PLAN.
	DUPLEX WALL OUTLET, MOUNTING HEIGHT AS INDICATED PER PLAN.
	220V DUPLEX WALL OUTLET, MOUNTING HEIGHT AS INDICATED PER PLAN.
	120V CEILING MOUNTED DUPLEX OUTLET; MOUNT ABOVE SHOW WINDOW. OUTLET & PLATE COVER SHALL MATCH CEILING. MOUNT PARALLEL WITH STORE FRONT.
	LIGHT SWITCH, MOUNTING HEIGHT AS INDICATED PER PLAN.
	DIMMER SWITCH, LUTRON NO. C-1000-WH, 1000 WATT, HOME DEPOT SKU NO. 445-340, MOUNTING HEIGHT AS INDICATED PER PLAN
	ELECTRICAL 'J' BOX, MOUNTING HEIGHT AS INDICATED PER PLAN
	COMMUNICATIONS WALL OUTLET 'J' BOX AND CONDUIT WITH PULL STRING, MOUNTING HEIGHT AS INDICATED PER PLAN
	CABLE TV / DATA WALL OUTLET, MOUNTING HEIGHT AS INDICATED PER PLAN.
	GROUND FAULT PROTECTED OUTLET (NOTE: ALL KITCHEN, RESTROOM, OUTDOOR AND ROOF OUTLETS TO BE GFCI PROTECTED)
	WEATHERPROOF DUPLEX CONVENIENCE OUTLET, 115V/1Ø UNLESS OTHERWISE NOTED

- SYMBOL LEGEND NOTES:
01. ALL SWITCHES, COVER PLATES, PLUGS SHALL BE "WHITE".
 02. TELEPHONE SERVICE SHALL BE THREE (3) LINE SERVICE AS FOLLOWS:
 - A. LINE 1 SHALL BE PRIMARY TELEPHONE LINE.
 - B. LINE 2 SHALL BE ROLL OVER TELEPHONE LINE AND FAX LINE.
 - C. LINE 3 SHALL BE FAX AND DATA LINE.
 03. THE GENERAL CONTRACTOR SHALL PROVIDE THE MOUNTING OF THE TRANSFORMERS AND FINAL ELECTRICAL CONNECTION OF THE OWNER PROVIDED AND INSTALLED EXTERIOR BUILDING AND INTERIOR SIGNAGE. ALL SIGNS SHALL BE ON INDIVIDUAL DEDICATED CIRCUITS WITH DEDICATED GROUNDS.
NOTE: EXTERIOR SIGNAGE SHALL BE SUBMITTED UNDER A SEPERATE PLAN CHECK REVIEW AND PERMIT PROCESS.

UTILITY SCHEDULE

01. MAIN ELECTRICAL SERVICE: 200 AMP, 3 PHASE, 240V.
- NOTE: ABOVE NOTED SERVICE SIZES ARE PROTOTYPICAL, THE GENERAL CONTRACTOR SHALL FIELD VERIFY SIZES REQUIRED BASED ON EXISTING SITE CONDITIONS.

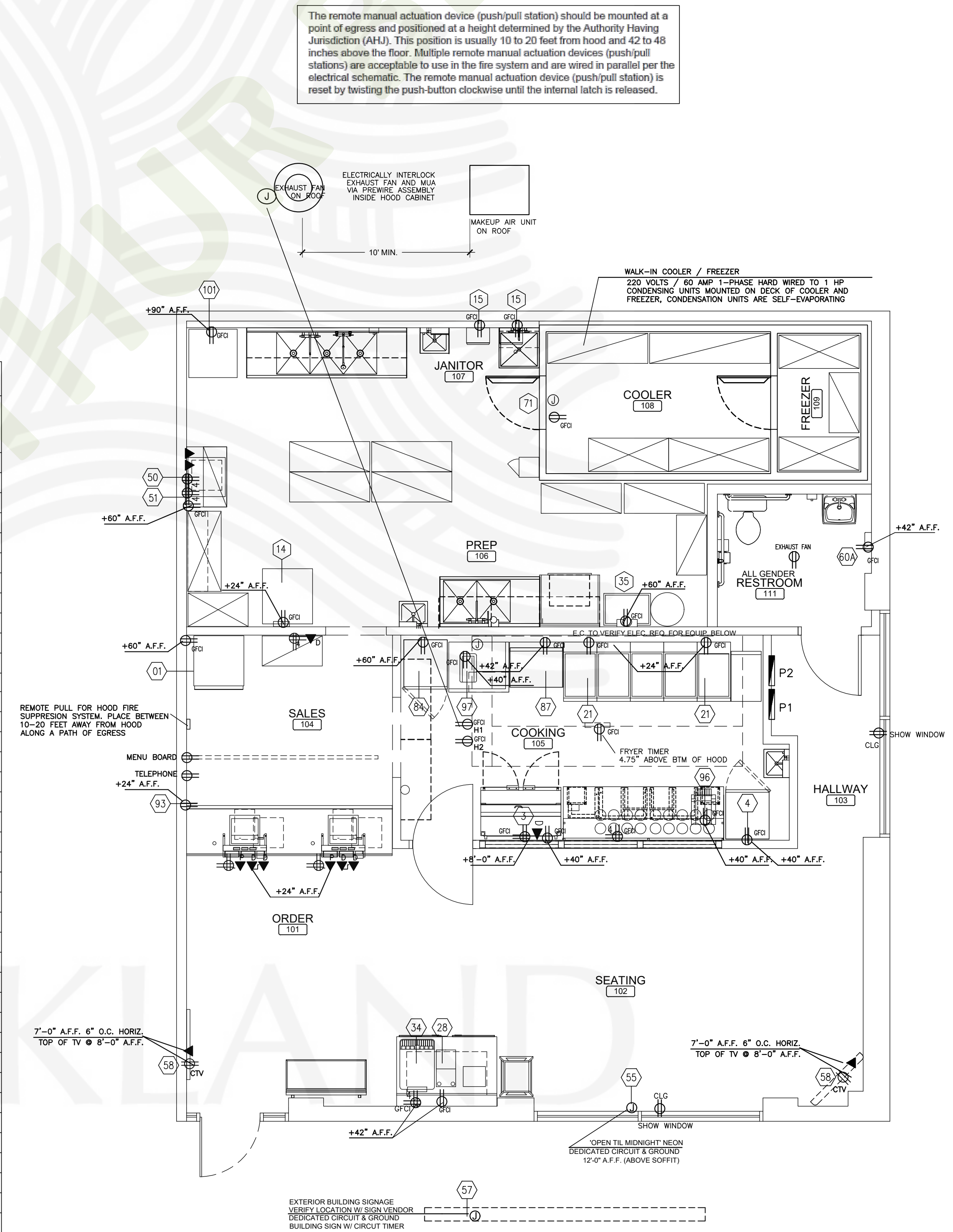
ALL SIGNAGE TRANSFORMERS SHALL BE SUPPLIED BY THE SIGNAGE MANUFACTURER AND INSTALLED BY THE GENERAL CONTRACTOR. THE GENERAL CONTRACTOR SHALL MAKE ALL FINAL ELECTRICAL CONNECTIONS REQUIRED FOR THE OWNER PROVIDED SIGNAGE.

- ELECTRICAL NOTES:
1. SWITCHES AND CONTROLS INTENDED TO BE USED BY THE OCCUPANTS OF THE ROOM TO CONTROL LIGHTING AND RECEPTACLE OUTLETS, APPLIANCES OR COOLING, HEATING AND VENTILATING EQUIPMENT, SHALL BE LOCATED NO MORE THAN 48 INCHES MEASURED FROM THE TOP OF THE OUTLET BOX NOR LESS THAN 15 INCHES MEASURED FROM THE BOTTOM OF THE OUTLET BOX TO THE LEVEL OF THE FINISH FLOOR OR WORKING PLATFORM.
 2. ELECTRICAL RECEPTACLE OUTLETS ON BRANCH CIRCUITS OF 30 AMPS OR LESS AND COMMUNICATION SYSTEM RECEPTABLES SHALL BE LOCATED NO MORE THAN 48 INCHES MEASURED FROM THE TOP OF THE RECEPTACLE OUTLET BOX NOR LESS THAN 15" MEASURED FROM THE BOTTOM OF THE OUTLET BOX TO THE LEVEL OF THE FINISH FLOOR OR WORKING PLATFORM.
- NOTE: ALL ELECTRICAL OUTLETS LOCATED UNDER ANY TYPE-I EXHAUST HOODS SHALL HAVE AN ELECTRICITY DISCONNECT DEVICE INTERLOCKED WITH THE FIRE SUPPRESSION SYSTEM ASSOCIATED WITH THE TYPE-I EXHAUST HOOD. ALL ELECTRICAL DISCONNECT DEVICES TO BE SUPPLIED AND INSTALLED BY THE ELECTRICAL CONTRACTOR AND TIED-IN TO THE ANSUL SYSTEM PRE-WIRE PACKAGE THAT IS INTEGRAL TO THE TYPE-I HOOD.

ELECTRICAL EQUIPMENT SCHEDULE

Item No	Qty	Equipment Category	Amps	KW	Volts	Cycle	Phase
01	1	GLASS DOOR MERCHANDISER	4.7	0.5	115	60	1
03	1	SANDWICH / SALAD UNIT	8.6	1.0	115	60	1
04	1	REACH-IN REFRIGERATOR	5.7	0.7	115	60	1
14	1	ICE MACHINE AND STORAGE BIN	15.0	1.7	115	60	1
15	2	WATER HEATER, TANKLESS, GAS	0.2	115	60	1	
21	1	GREASE FILTER	6.2	0.7	120	60	1
28	1	ICED TEA BREWER	15.0	1.8	120	60	1
34	1	SODA DISPENSER	1.7	115	60	1	
35	1	CARBONATOR	0.2	115	60	1	
46	2	POINT OF SALE SYSTEM	2.0	0.2	120	60	1
50	1	AMPLIFIER / RECEIVER	2.0	0.2	120	60	1
51	1	SATELLITE RECEIVER	2.0	0.2	120	60	1
51	1	MENU BOARD	2.0	0.2	120	60	1
55	1	NEON SIGNAGE: OPEN "TIL MIDN	0.3	120	60	1	
57	1	EXT. BLDG SIGNAGE	0.2	120	60	1	
58	2	TV	2.0	0.2	120	60	1
60	1	ELECTRIC HAND DRYER	0.8	110	60	1	
60	1	TELEPHONE OUTLET	2.0	0.2	120	60	1
71	1	WALK-IN COOLER, CONDENSOR	2.8	240	60	1	
71	1	WALK-IN FREEZER, CONDENSOR	2.8	240	60	1	
71	1	WALK-IN COOLER/ FREEZER LIGHTS	0.6	115	60	1	
84	1	REACH-IN FREEZER	7.2	0.8	115	60	1
87	1	CONVECTION OVEN	3.0	208	60	3	
93	1	NCR COMPUTER SYSTEM	2.0	0.2	120	60	1
94	1	PRINTER	2.0	0.2	120	60	1
96	1	TOASTER	1.8	240	60	1	
97	1	CHEESE DISPENSER	4.0	0.5	115	60	1
101	1	USED OIL STORAGE TANK	0.2	115	60	1	
	1	HOOD RECEPTACLE FRYER TIMER	0.2	120	60	1	
	1	EXHAUST AIR FAN	2.1	208	60	3	
	1	MUA	1.6	208	60	3	
H-1	1	HOOD ELECTRICAL CONTROLS	0.5	120	60	1	
H-2	1	HOOD LIGHTS	0.2	120	60	1	
AC-1	1	HVAC (5 TON)	5.4	208	60	3	
AC-2	1	HVAC (5 TON)	5.4	208	60	3	
	1	(E) ROOF OUTLET	0.4	120	60	1	
	1	LIGHTS/FAN RESTROOM	0.3	120	60	1	
		LIGHTING (KITCHEN)	0.8	120	60	1	
		LIGHTING (ORDER AREA)	0.3	120	60	1	
	4	OUTLETS, KITCHEN	0.4	120	60	1	
	2	OUTLETS, SHOW WINDOW	0.6	120	60	1	

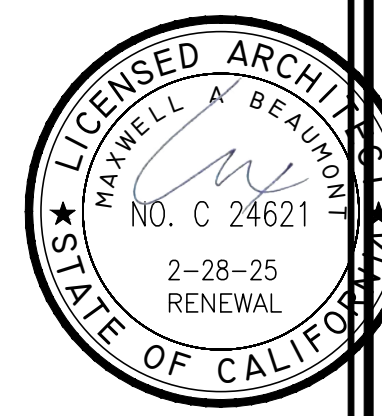
TOTAL = 44.0 KVA
TOTAL APPLIANCES = 21.9 KVA



POWER PLAN

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

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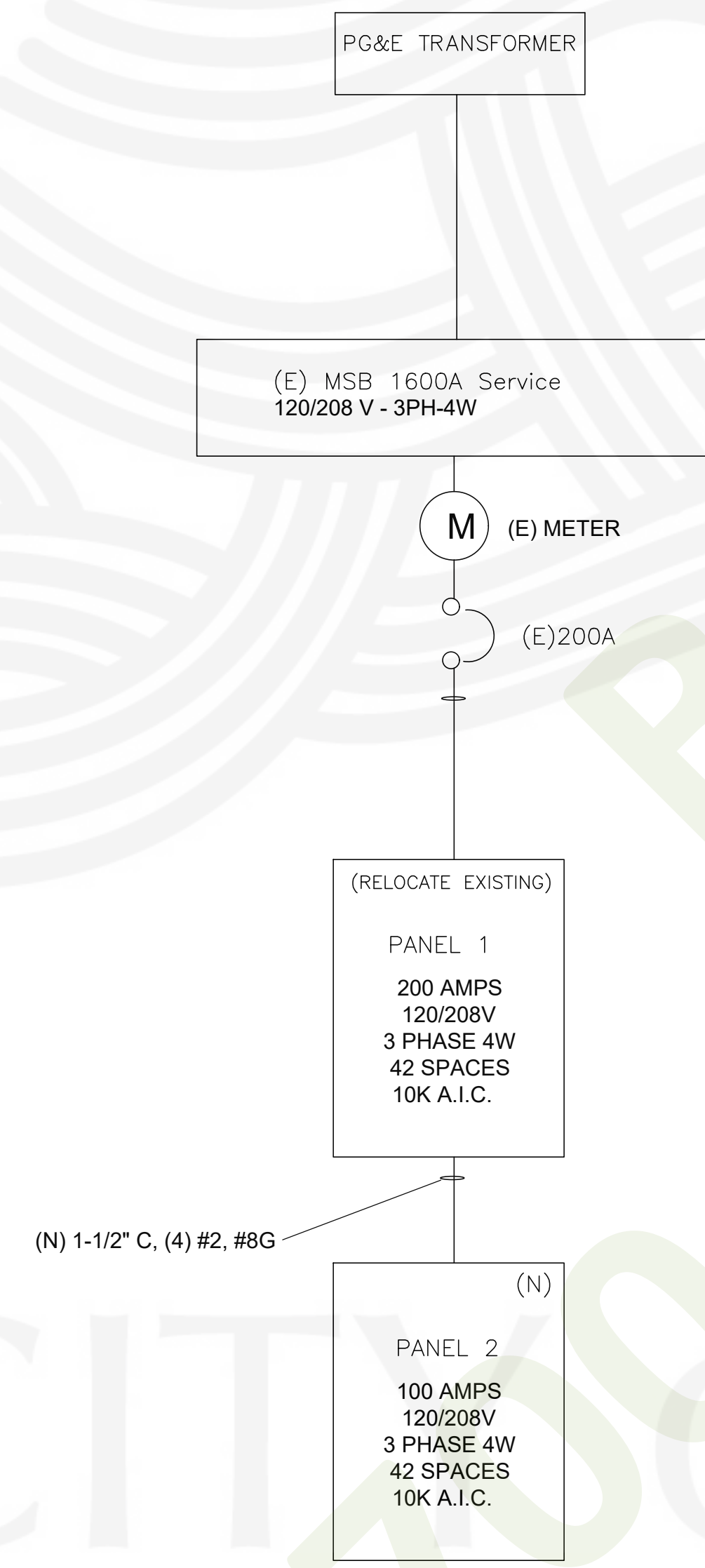


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POWER PLAN
E.2

LIGHTING - 1.1 KVA X 1.25 = 1.4 KVA
 25% OF LARGEST MOTOR - 5.4 X .25 = 1.4 KVA
 SHOW WINDOW OUTLETS - 1.2 KVA X 1.25 = 1.5 KVA
 OUTLETS - 1.6 KVA X 1.0 = 1.6 KVA
 HOOD FANS - 3.7 KVA X 1.0 = 3.7 KVA
 HVAC - 10.8 KVA X 1.0 = 10.8 KVA
 APPLIANCES 21.9 X .65 = 14.2 KVA
 TOTAL POWER LOAD - 34.6 KVA/360 = 96A

POWER LOAD CALCULATIONS



CONDUCTOR SIZES: USE #12 WIRE UNLESS OTHERWISE SPECIFIED
 CONDUIT SIZES: USE 1/2" EMT OR FLEX UNLESS OTHERWISE SPECIFIED

PANEL 1

TYPE: NEMA 1
 VOLTAGE: 120/ 208V
 BUS: 200A

SOURCE: (E) MAIN SWITCH BOARD
 LOCATION: KITCHEN WALL

MAIN: MLO
 MTG: FLUSH
 AC SYSTEM: 3 PHASE, 4-WIRE

LOAD SERVED	BREAKER			PHASE			PHASE			BREAKER			LOAD SERVED	
	NO.	GRV/BRK	POLE	A	B	C	A	B	C	POLE	GRV/BRK	NO.		
AC-1	1	40	3	1.8			1.8			3	40	2	AC-2	
	3	40	3		1.8			1.8		3	40	4		EXT. BLDG SIGNAGE
	5	40	3			1.8			1.8	3	40	6		
(E) ROOF OUTLET	7	20	1	0.4			0.2			1	20	8	OUTLET, KITCHEN	
HOOD LIGHTS	9	20	1		0.2			0.2			20	10	NEON SIGNAGE: HOT WINGS	
HOOD ELECT CONTROL PACKAGE	11	20	1			0.5			0.4			20	12	LIGHTING (KITCHEN)
	13	20	3	0.7			0.3					20	14	LIGHTING (DINING AREA)
EXHAUST FAN (EF)	15	20	3		0.7			0.8				20	16	ELECTRIC HAND DRYER
	17	20	3			0.7			0.3			20	18	LIGHTS/FAN RESTROOM
MAU FAN	19	20	3	0.5				0.8				20	20	OUTLETS, KITCHEN
	21	20	3			0.5			0.3			20	22	SPARE
OUTLETS, KITCHEN	23	20	3			0.5			0.8			20	24	OUTLETS (SHOW WINDOW)
	25	20	1	0.4								20	26	OUTLETS (SHOW WINDOW)
SPARE	27							0.6		1	20	30	SPARE	
SPARE	29								0.6	1	20	26	SPARE	
SPARE	31											32	SPARE	
SPARE	33											34	SPARE	
SPARE	35											36	SPARE	
PANEL 2	37	100	3	9.0								38	SPARE	
	39	100				8.8						40	SPARE	
	41	100					6.0					42	SPARE	

CONNECTED LOAD
 PHASE A: 14.9
 PHASE B: 15.7
 PHASE C: 13.4

TOTAL CONNECTED LOAD = 44.0 KW, 122A

PANEL 2

TYPE: NEMA 1
 VOLTAGE: 120/ 208V
 BUS: 100A

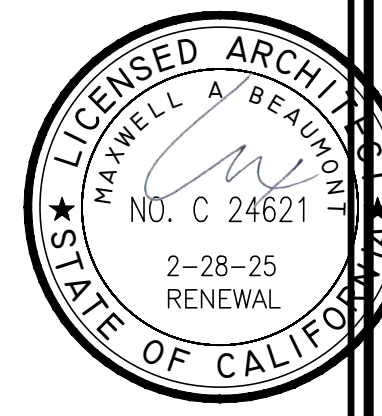
SOURCE: PANEL 1
 LOCATION: KITCHEN WALL

MAIN: MLO
 MTG: FLUSH
 AC SYSTEM: 3 PHASE, 4-WIRE

LOAD SERVED	BREAKER			PHASE			PHASE			BREAKER			LOAD SERVED
	NO.	GRV/BRK	POLE	A	B	C	A	B	C	POLE	GRV/BRK	NO.	
SODA DISPENSER	1	20	1	1.7			0.7			1	20	2	GREASE FILTER
WATER HEATERS, TANKLESS	3	20			0.4			0.8			20	4	HOOD RECEPTACLE-FRYER TIMER
WALK-IN COOLER CONDENSOR	5	20				1.4			0.4		20	6	POINT OF SALE SYSTEM
	7	20				1.4			0.8		20	8	REACH IN FREEZER
WALK-IN COOLER/ FREEZER LIGHTS	9	20				0.6			0.2		20	10	AMPLIFIER / RECEIVER
	11	30				1.4			0.2		20	12	SATELLITE RECEIVER
WALK-IN FREEZER CONDENSOR	13	30					0.2				20	14	NCR Computer System
TV	15	20				0.4			1.0		20	16	SANDWICH / SALAD UNIT
TELEPHONE OUTLET	17	30				0.2			0.5		20	18	GLASS DOOR MERCHANDISER
CHEESE DISPENSER	19	30				0.5			0.2		20	20	PRINTER
ICED TEA BREWER	21	20				1.8			1.7		20	22	ICE MACHINE
CARBONATOR	23	20				0.2			0.7		20	24	REACH-IN REFRIGERATOR
OIL STORAGE TANK	25	20				0.2			0.9		20	26	TOASTER
	27	20	3			1.0			0.9		20	28	CONVECTION OVEN
CONVECTION OVEN	29	20	3			1.0					30	30	SPARE
	31	20	3			1.0					30	32	SPARE
SPARE	33											34	SPARE
SPARE	35											36	SPARE
SPARE	37											38	SPARE
SPARE	39											40	SPARE
SPARE	41											42	SPARE

CONNECTED LOAD
 PHASE A: 9.0
 PHASE B: 8.8
 PHASE C: 6.0

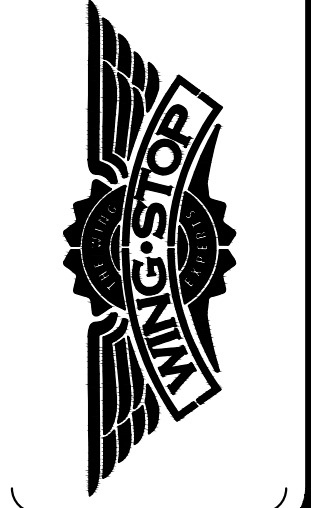
TOTAL CONNECTED LOAD 23.8 KVA, 66A



BEAUMONT & ASSOCIATES
 MAXWELL A. BEAUMONT, ARCHITECT
 EMERYVILLE, CALIFORNIA
 (916) 701-7368
 DESIGN@ACUTE-CONSULTING.COM

Acute Consulting, Inc.
 29 ORINDA WAY, #11267
 ORINDA, CA 94563
 925-818-4132

WING STOP RESTAURANT
 FOOTHILL SQUARE
 10700 MACARTHUR BLVD. #2A
 OAKLAND, CA 94605
 STORE CL#7345

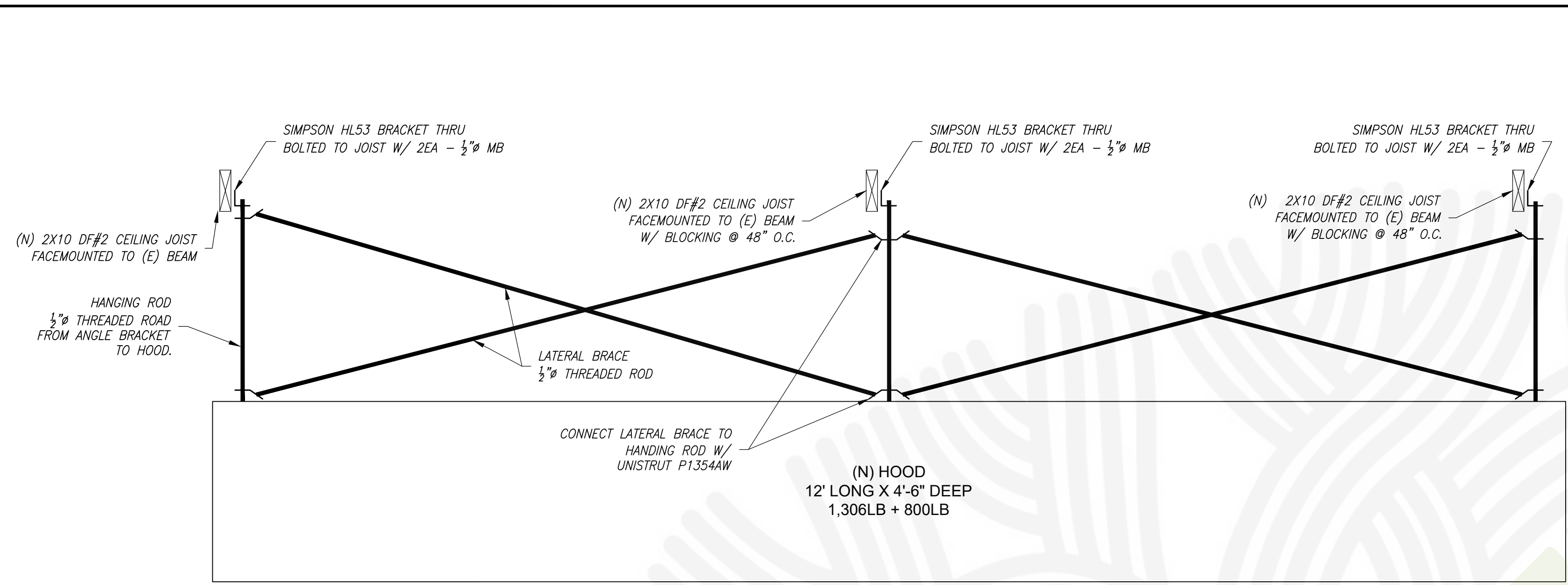


DWG DATE:
 1/24/23

DRAWN BY:
 MSD

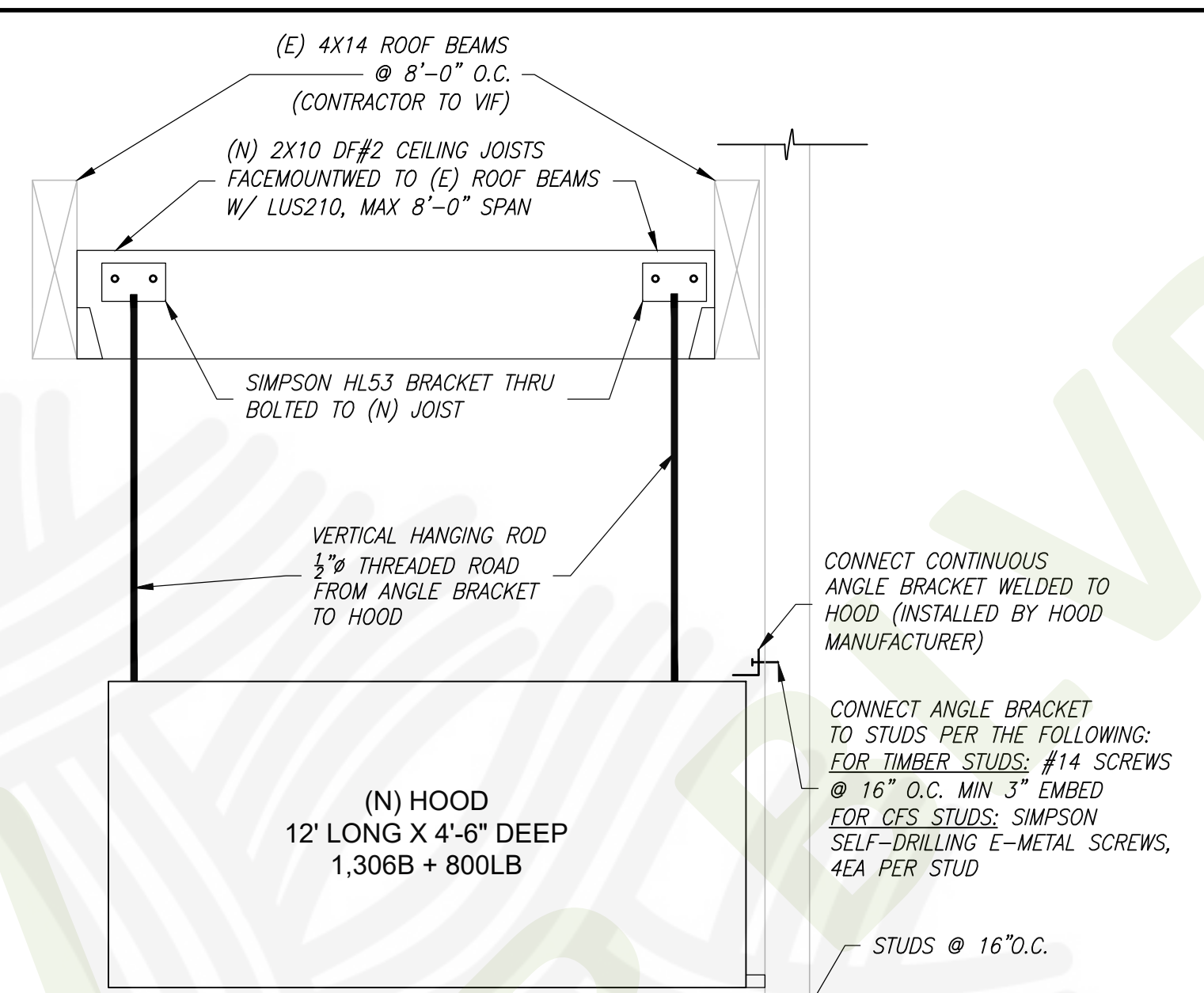
PANELS

E.3

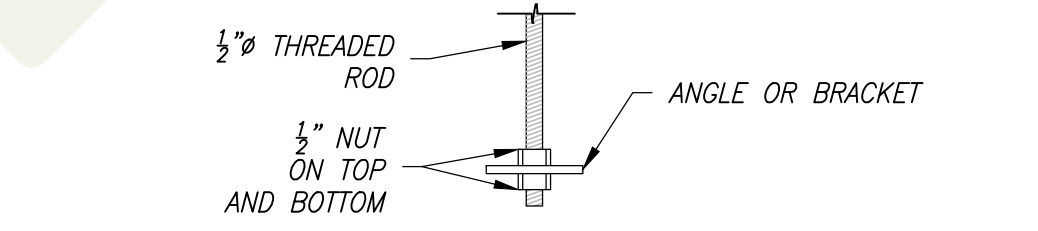


NOTE: LATERAL BRACING IS ONLY REQUIRED ON FRONT SIDE OF HOOD

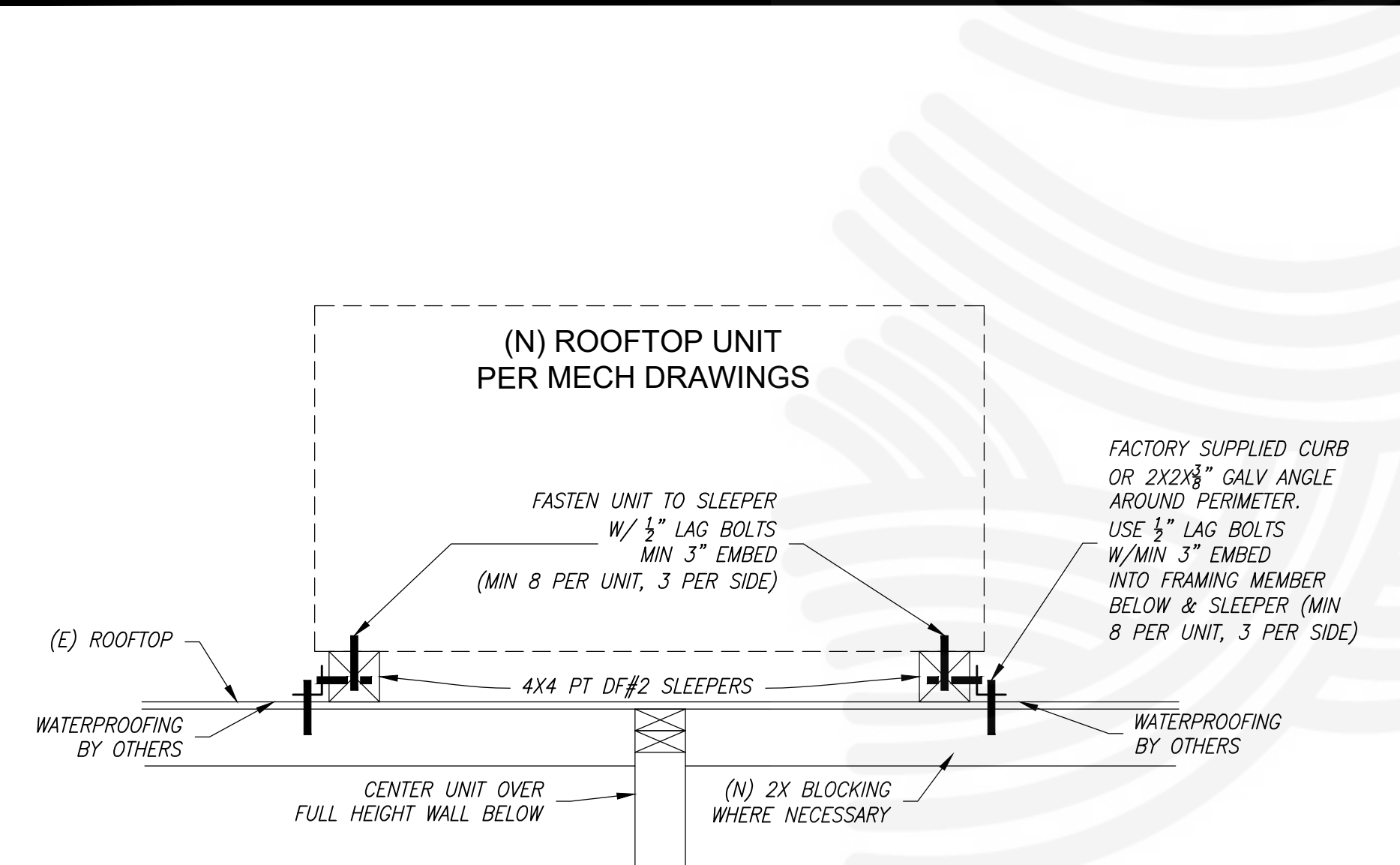
1 HOOD FRONT VIEW
NOT TO SCALE



2 HOOD SIDE VIEW
NOT TO SCALE



3 THREADED ROAD CONNECTION
NOT TO SCALE



4 ROOFTOP EQUIPMENT ANCHORAGE DETAIL
NOT TO SCALE

STRUCTURAL NOTES

- GENERAL: THE INTENT OF THESE DRAWINGS IS TO SHOW ALL ITEMS NECESSARY TO COMPLETE THE STRUCTURE. TYPICAL DETAILS AND NOTES WITHIN THESE CALCULATIONS SHALL APPLY TO SIMILAR CONDITIONS, UNLESS SPECIFICALLY NOTED OTHERWISE. ALL WORK AND CONSTRUCTION SHALL COMPLY WITH ALL APPLICABLE BUILDING CODES, REGULATIONS, AND SAFETY REQUIREMENTS OF THE 2019 CBC SHALL GOVERN.
- JOB SAFETY: THE ENGINEER IS NOT RESPONSIBLE FOR THE FABRICATION, ERECTION AND/OR JOB SAFETY. THE CONTRACTOR SHALL COMPLY WITH ALL SAFETY REGULATIONS. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE DESIGN AND INSTALLATION OF ALL SHORING, BRACING, FORMWORK, ETC. AS REQUIRED FOR THE PROTECTION OF LIFE AND PROPERTY DURING THE CONSTRUCTION OF THE BUILDING.
- SITE OBSERVATIONS: THE CONTRACTOR SHALL GIVE THE ENGINEER 48 HOURS MINIMUM NOTICE TO THE TIME OF THE SITE OBSERVATION.
- CARPENTRY:
 - ALL FRAMING LUMBER SHALL BE DOUGLAS FIR-LARCH (MOISTURE CONTENT LESS THEN 19% AT TIME OF INSTALLATION) AS FOLLOWS, UNLESS OTHERWISE NOTED:
 - STUD: 2x4 STUDS-CONSTRUCTION, 2x6 STUDS-No. 2
 - RAFTERS AND JOIST-No. 2
 - PLATES, BLOCKS AND MISCELLANEOUS-No. 3
 - POSTS: 4x CONCEALED-No. 2, 4x EXPOSED AND 6x-No. 1
 - ALL HEADERS ARE 4x12 DF#1 UNLESS OTHERWISE NOTED.
 - EXPOSED BEAMS-No. 1 APPEARANCE GRADE, FOHC.
 - FASTENERS, HANGERS AND CONNECTIONS: SIMPSON STRONGTIE (AS NOTED ON DRAWINGS), USP PRODUCTS, OR APPROVED EQUAL.
 - USE STRONGTIE METAL CONNECTORS BY SIMPSON COMPANY, OR APPROVED EQUAL, INSTALLED WITH ALL FASTENERS PER PUBLISHED SCHEDULES.
 - NAILING: AS NOTED ON DRAWINGS. IF NOT SHOWN ON DRAWINGS, NAILING OF FRAMING COMPONENTS SHALL CONFORM TO CBC TABLE 2304.9.1 AS A MINIMUM. ALL NAILS SHALL BE COMMON WIRE GAUGE. IF POWER DRIVEN NAILS ARE TO BE USED, SUBMIT WIRE GAUGE, LENGTH AND HEAD DIAMETER FOR REVIEW, IF NOT EQUAL TO COMMON WIRE SPECS. FLOOR PLYWOOD TO BE NAILED WITH RING-SHANK NAILS.
 - NO STRUCTURAL MEMBER SHALL BE CUT OR NOTCHED UNLESS SPECIFICALLY SHOWN, NOTED, OR APPROVED BY THE STRUCTURAL ENGINEER.
 - THE CONTRACTOR SHALL CONSTRUCT ALL WOOD FRAMING PER CHAPTER 23 OF THE 2019 CBC UNLESS NOTED OTHERWISE ON THE DRAWINGS.
 - ALL UNISTRUT SHALL BE P1000HS WITH GR FINISH

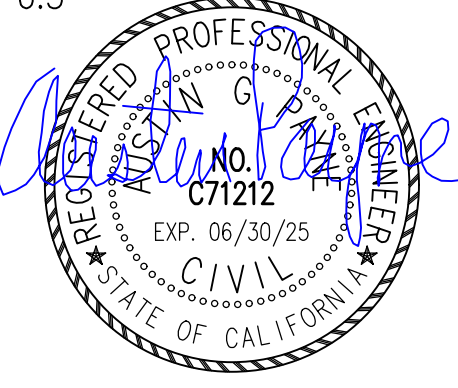
- GR - GENERAL**
- GR-1) WORK SHOWN IS NEW UNLESS NOTED AS EXISTING: (E).
 - GR-2) DRAWINGS REPRESENT COMPLETE NEW WORK. CONTRACTOR SHALL BE RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION INCLUDING BUT NOT LIMITED TO SHORING AND TEMPORARY BRACING. THE CONTRACTOR SHALL TAKE ALL NECESSARY MEASURES TO ENSURE SAFETY OF ALL PERSONS AND STRUCTURES AT THE SITE.
 - GR-3) CONTRACTOR SHALL VERIFY ALL DIMENSIONS AT JOB SITE BEFORE COMMENCING WORK AND SHALL REPORT ANY DISCREPANCIES TO THE ENGINEER OF RECORD (EOR).
 - GR-4) OMISSIONS OR CONFLICTS BETWEEN VARIOUS ELEMENTS OF THE DRAWINGS, NOTES, AND DETAILS SHALL BE BROUGHT TO THE ATTENTION OF THE EOR AND RESOLVED BEFORE PROCEEDING WITH THE WORK.
 - GR-5) TYPICAL DETAILS APPLY TO APPLICABLE SITUATIONS UN. IN GENERAL, TYPICAL DETAILS ARE NOT SPECIFICALLY REFERENCED.
 - GR-7) IF CERTAIN FEATURES ARE NOT FULLY SHOWN OR CALLED FOR ON THE DRAWINGS, THEIR CONSTRUCTION SHALL BE OF THE SAME CHARACTER AS FOR SIMILAR CONDITIONS THAT ARE CALLED FOR OR SHOWN.

B2302177
APPROVED
CITY OF OAKLAND
BUILDING SERVICES
PLAN CHECK SECTION
For Substantial Compliance With Codes and Ordinances

REVISIONS NEED APPROVAL
By: *Tina Xio* txio@oaklandca.gov
BUILDING CODE
Subject to CBC Sections 105.4, 107.3 and CRC R105.4 and R106.3
SURVEY (REVIEW ONLY)
PLOT PLAN REVIEW
PARKING/DRIVEWAY LAYOUT
GRADING & EROSION CONTROL
SOILS REPORT ON FILE
ELEC/MECH/PLUMB NOT CHECKED
Date: 07/21/2023

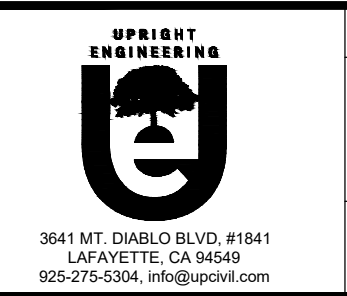
STRUCTURAL DESIGN CRITERIA	
ROOF LIVE LOAD	20
FLOOR LIVE LOAD	40
SITE CLASS	D (DEFAULT)
SEISMIC CATEGORY	D
WIND SPEED	110
WIND EXPOSURE	B
LATITUDE	37.7431042°N
LONGITUDE	122.1503889°W

SEISMIC DESIGN DATA
OCCUPANCY CATEGORY: II
IMPORTANCE FACTOR: 1
RESPONSE MODIFICATION FACTOR: 6.5
S_s = 2.262g
S_i = 0.875g
S_{ps} = 1.810g



PERMIT SET

REVISIONS			
REV. NO.	DESCRIPTION	DATE	APPROVED



DATE: 5/26/2023	DESIGNED BY: AP
T.I. WINGSTOP RESTAURANT 10700 MACARTHUR BLVD OAKLAND, CA 94605	DRAWN BY: AP
	SURVEYED BY: NONE
	CHECKED BY: AP
	SHEET NO.
STRUCTURAL PLANS AND DETAILS	S-1

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION

Indoor Lighting NRCC-LTI-E

CERTIFICATE OF COMPLIANCE Wingstop TI - LTG & MECH Report Page: (Page 1 of 9)
Project Name: 10700 MacArthur Blvd, #2A Date Prepared: 5/26/2023
Project Address: 10700 MacArthur Blvd, #2A Date Prepared: 5/26/2023

A. GENERAL INFORMATION

01 Project Location (City)	Oakland	04 Total Conditioned Floor Area (ft ²)	1,335
02 Climate Zone	3	05 Total Unconditioned Floor Area (ft ²)	0
03 Occupancy Types Within Project (select all that apply):		06 # of Stories (Habitable Above Grade)	1

• Retail • Support Areas • All Other Occupancies

B. PROJECT SCOPE

This table includes any lighting systems that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.6 / 170.2(e) or 141.0(b)2 / 180.2(b)4 for alterations.

Scope of Work	Conditioned Spaces	Unconditioned Spaces
01	02	03
My Project Consists of (check all that apply):	Calculation Method	Area (ft ²)
<input type="checkbox"/> New Lighting System	Area Category Method	1335
<input type="checkbox"/> New Lighting System - Parking Garage	Area Category Method	0
Total Area of Work (ft²)	1335	0

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Generated Date/Time: Report Version: 2022.0.000
Documentation Software: EnergyPro Schema Version: rev 20220101
Compliance ID: EnergyPro-5430-0523-0121
Report Generated: 2023-05-26 07:40:38

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION

Indoor Lighting NRCC-LTI-E

CERTIFICATE OF COMPLIANCE Wingstop TI - LTG & MECH Report Page: (Page 4 of 9)
Project Name: 10700 MacArthur Blvd, #2A Date Prepared: 5/26/2023
Project Address: 10700 MacArthur Blvd, #2A Date Prepared: 5/26/2023

G. MODULAR LIGHTING SYSTEMS

This table calculates wattage for modular lighting systems/ track lighting fixtures indicated on Table F and transfers wattage to Table F.

01	02	03	04
Name or Item Tag	Complete Track Description	Calculation Method per 130.0(c)6	Track Wattage
F	6' Track 12.5 w/ft	<input type="checkbox"/> I Installed Luminaires vs Default 30 W/ft <input type="checkbox"/> II Current Limiter <input type="checkbox"/> III Overcurrent Protection Panel <input type="checkbox"/> IV Power supplied by driver, power supply or transformer?	75
VA of current limiter			
			75

¹FOOTNOTE: For power-over-Ethernet lighting systems, power provided to installed non-lighting devices may be subtracted from the total power rating of the power-over-Ethernet system.

H. INDOOR LIGHTING CONTROLS (Not including PAFs)

This table includes lighting controls for conditioned and unconditioned spaces.

01	02	03
Mandatory Demand Response 110.12(c)	Shut-off controls 130.1(c) / 160.5(b)4C	Field Inspector
NA < 4,000W subject to multilevel	See Area/Space Level Controls	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

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STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION

Indoor Lighting NRCC-LTI-E

CERTIFICATE OF COMPLIANCE Wingstop TI - LTG & MECH Report Page: (Page 7 of 9)
Project Name: 10700 MacArthur Blvd, #2A Date Prepared: 5/26/2023
Project Address: 10700 MacArthur Blvd, #2A Date Prepared: 5/26/2023

O. ADDITIONAL LIGHTING ALLOWANCE: TAILORED VERY VALUABLE MERCHANDISE

This section does not apply to this project.

P. POWER ADJUSTMENT: LIGHTING CONTROL CREDIT (POWER ADJUSTMENT FACTOR (PAF))

This section does not apply to this project.

Q. RATED POWER REDUCTION COMPLIANCE FOR ONE-FOR-ONE ALTERATIONS

This section does not apply to this project.

R. 80% LIGHTING POWER FOR ALL ALTERATIONS - CONTROLS EXCEPTIONS

This section does not apply to this project.

S. DAYLIGHT DESIGN POWER ADJUSTMENT FACTOR (PAF)

This section does not apply to this project.

T. DWELLING UNIT LIGHTING

This section does not apply to this project.

U. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

Form/Title

NRCC-LTI-E - Must be submitted for all buildings

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
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STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION

Indoor Lighting NRCC-LTI-E

CERTIFICATE OF COMPLIANCE Wingstop TI - LTG & MECH Report Page: (Page 2 of 9)
Project Name: 10700 MacArthur Blvd, #2A Date Prepared: 5/26/2023
Project Address: 10700 MacArthur Blvd, #2A Date Prepared: 5/26/2023

C. COMPLIANCE RESULTS

If any cell on this table says "DOES NOT COMPLY" or "COMPLIES WITH EXCEPTIONAL CONDITIONS" refer to Table D, for guidance.

Lighting in conditioned and unconditioned spaces must not be combined for compliance per 140.6(b)1 / 170.2(e)	Allowed Lighting Power per 140.6(b) / 170.2(e) (Watts)					Adjusted Lighting Power per 140.6(a) / 170.2(e) (Watts)			Compliance Results
	01	02	03	04	05	06	07	08	
	Complete Building 140.6(c)1	Area Category 140.6(c)2 / 170.2(e)4	Area Category Additional 140.6(c)2G / 170.2(e)4Av (+)	Tailored 140.6(c)3 / 170.2(e)4B (+)	Total Allowed (Watts)	Total Designed (Watts)	PAF Lighting Control Credits 140.6(a)2 / 170.2(e)1B (-)	Total Adjusted (Watts) *Includes Adjustments	
Conditioned	1,031.3	0	0	0	1,031.3	761	0	761	05 must be >= 08 140.6 / 170.2(e)
Unconditioned									COMPLIES

Controls Compliance (See Table H for Details) COMPLIES
Rated Power Reduction Compliance (See Table Q for Details) COMPLIES

D. EXCEPTIONAL CONDITIONS

This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS

This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Generated Date/Time: Report Version: 2022.0.000
Documentation Software: EnergyPro Schema Version: rev 20220101
Compliance ID: EnergyPro-5430-0523-0121
Report Generated: 2023-05-26 07:40:38

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION

Indoor Lighting NRCC-LTI-E

CERTIFICATE OF COMPLIANCE Wingstop TI - LTG & MECH Report Page: (Page 8 of 9)
Project Name: 10700 MacArthur Blvd, #2A Date Prepared: 5/26/2023
Project Address: 10700 MacArthur Blvd, #2A Date Prepared: 5/26/2023

H. INDOOR LIGHTING CONTROLS (Not including PAFs)

Area Level Controls

04	05	06	07	08	09	10	11	12
Area Description	Complete Building or Area Category Primary Function Area	Manual Area Controls 130.1(a) / 160.5(b)4A	Multi-Level Controls 130.1(b) / 160.5(b)4B	Shut-Off Controls 130.1(c) / 160.5(b)4C	Primary/Sky lit Daylighting 130.1(d) / 160.5(b)4D	Secondary Daylighting 140.6(a)1 / 170.2(e)2A	Interlocked Systems 140.6(a)1 / 170.2(e)2A	Field Inspector
Seating	All Other Space Types	Readily Accessible	Dimmer	Occupancy Sensor	Included	Included	No	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
Restroom	Restroom	Readily Accessible	NA: Enclosed area <100SF	Occupancy Sensor	NA: Rm < 24sf Glazing	NA: Rm < 24sf Glazing	No	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
Kitchen/Prep	Kitchen/ Food Preparation	Readily Accessible	Occupancy Sensor	Occupancy Sensor	NA: Rm < 24sf Glazing	NA: Rm < 24sf Glazing	No	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
Janitor	All Other Space Types	Readily Accessible	NA: Enclosed area <100SF	Occupancy Sensor	NA: Rm < 24sf Glazing	NA: Rm < 24sf Glazing	No	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
Order/Sales Area	Retail Merchandise Sales	Readily Accessible	Dimmer	Occupancy Sensor	Included	Included	No	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
Hallway	Corridor	Readily Accessible	NA: Enclosed area <100SF	See Building Level	NA: General Lig < 120W	NA: General Lig < 120W	No	Pass <input type="checkbox"/> Fail <input type="checkbox"/>

Plan Sheet Showing Daylit Zones: E-Sheets

I. LIGHTING POWER ALLOWANCE: COMPLETE BUILDING OR AREA CATEGORY METHODS

Each area complying using the Complete Building or Area Category Methods per 140.6(b) are included in this table. Column 06 indicates if additional lighting power allowances per 140.6(c) or adjustments per 140.6(a) are being used.

01	02	03	04	05	06	
Area Description	Complete Building or Area Category Primary Function Area	Allowed Density (W/ft ²)	Area (ft ²)	Allowed Wattage (Watts)	Additional Allowance / Adjustment Area Category PAF	
Restroom	Restroom	0.65	50	32.5	No	
Janitor	All Other Space Types	0.4	40	16	No	
Kitchen/Prep	Kitchen/ Food Preparation	0.95	605	574.8	No	
Seating	All Other Space Types	0.45	345	155.2	No	
Order/Sales Area	Retail Merchandise Sales	0.95	245	232.8	No	
Hallway	Corridor	0.4	50	20	No	
TOTALS:				1,335	1,031.3	See Tables I, or P for detail

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Generated Date/Time: Report Version: 2022.0.000
Documentation Software: EnergyPro Schema Version: rev 20220101
Compliance ID: EnergyPro-5430-0523-0121
Report Generated: 2023-05-26 07:40:38

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION

Indoor Lighting NRCC-LTI-E

CERTIFICATE OF COMPLIANCE Wingstop TI - LTG & MECH Report Page: (Page 9 of 9)
Project Name: 10700 MacArthur Blvd, #2A Date Prepared: 5/26/2023
Project Address: 10700 MacArthur Blvd, #2A Date Prepared: 5/26/2023

V. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Form/Title	Systems/Spaces To Be Field Verified
NRCA-LTI-02-A - Must be submitted for occupancy sensors and automatic time switch controls.	Seating; Restroom; Kitchen/Prep; Janitor; Order/Sales Area;
NRCA-LTI-03-A - Must be submitted for automatic daylight controls.	Seating; Order/Sales Area;

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
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Compliance ID: EnergyPro-5430-0523-0121
Report Generated: 2023-05-26 07:40:38

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION

Indoor Lighting NRCC-LTI-E

CERTIFICATE OF COMPLIANCE Wingstop TI - LTG & MECH Report Page: (Page 3 of 9)
Project Name: 10700 MacArthur Blvd, #2A Date Prepared: 5/26/2023
Project Address: 10700 MacArthur Blvd, #2A Date Prepared: 5/26/2023

F. INDOOR LIGHTING FIXTURE SCHEDULE

This table includes all planned permanent and portable lighting other than dwelling unit/ hotel/ motel room lighting. Multifamily dwelling unit and hotel/motel room lighting is documented in Table T. If using Table T to document lighting in multifamily common use areas providing shared provisions for living, eating, cooking or sanitation, those luminaires are not included here.

01	02	03	04	05	06	07	08	09	10
Name or Item Tag	Complete Luminaire Description	Modular (Track) Fixture	Small Aperture & Color Change ¹	Watts per luminaire ²	How is Wattage determined	Total Number of Luminaires	Excluded per 140.6(a)3 / 170.2(e)2C	Design Watts	Field Inspector
A	20w LED Track	No	NA	20	Mfr. Spec	2	No	40	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
B	10w LED	No	NA	10	Mfr. Spec	2	No	20	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
C	48w LED Troffer	No	NA	48	Mfr. Spec	9	No	432	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
CA	48w LED Troffer	No	NA	48	Mfr. Spec	1	No	48	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
D	8w LED	No	NA	8	Mfr. Spec	7	No	56	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
DA	10w LED	No	NA	10	Mfr. Spec	5	No	50	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
DB	10w LED	No	NA	10	Mfr. Spec	4	No	40	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
F	6' Track 12.5 w/ft	Yes	NA	75	Mfr. Spec	1	No	75	Pass <input type="checkbox"/> Fail <input type="checkbox"/>
Total Designed Watts: CONDITIONED SPACES								761	

¹FOOTNOTE: Design Watts for small aperture and color changing luminaires which qualify per 140.6(a)4B / 170.2(e)2D is adjusted to be 75% / 80% of their rated wattage. Table F automatically makes this adjustment, the permit applicant should enter full rated wattage in column 05.
²Authority Having Jurisdiction may ask for Luminaire cut sheets to confirm wattage used for compliance per 130.0(c) / 160.5(b). Wattage used must be the maximum rated for the luminaire, not the lamp.

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Report Generated: 2023-05-26 07:40:38

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION

Indoor Lighting NRCC-LTI-E

CERTIFICATE OF COMPLIANCE Wingstop TI - LTG & MECH Report Page: (Page 6 of 9)
Project Name: 10700 MacArthur Blvd, #2A Date Prepared: 5/26/2023
Project Address: 10700 MacArthur Blvd, #2A Date Prepared: 5/26/2023

I. LIGHTING POWER ALLOWANCE: COMPLETE BUILDING OR AREA CATEGORY METHODS

Area Description	Complete Building or Area Category Primary Function Area	Allowed Density (W/ft ²)	Area (ft ²)	Allowed Wattage (Watts)	Additional Allowance / Adjustment Area Category PAF	
Restroom	Restroom	0.65	50	32.5	No	
Janitor	All Other Space Types	0.4	40	16	No	
Kitchen/Prep	Kitchen/ Food Preparation	0.95	605	574.8	No	
Seating	All Other Space Types	0.45	345	155.2	No	
Order/Sales Area	Retail Merchandise Sales	0.95	245	232.8	No	
Hallway	Corridor	0.4	50	20	No	
TOTALS:				1,335	1,031.3	See Tables I, or P for detail

J. ADDITIONAL ALLOWANCE: AREA CATEGORY METHOD QUALIFYING LIGHTING SYSTEM

This section does not apply to this project.

K. TAILORED METHOD GENERAL LIGHTING POWER ALLOWANCE

This section does not apply to this project.

L. ADDITIONAL LIGHTING ALLOWANCE: TAILORED WALL DISPLAY

This section does not apply to this project.

M. ADDITIONAL LIGHTING ALLOWANCE: TAILORED FLOOR AND TASK LIGHTING

This section does not apply to this project.

N. ADDITIONAL LIGHTING ALLOWANCE: TAILORED DECORATIVE /SPECIAL EFFECTS

This section does not apply to this project.

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Generated Date/Time: Report Version: 2022.0.000
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Report Generated: 2023-05-26 07:40:38

STATE OF CALIFORNIA CALIFORNIA ENERGY COMMISSION

Indoor Lighting NRCC-LTI-E

CERTIFICATE OF COMPLIANCE Wingstop TI - LTG & MECH Report Page: (Page 9 of 9)
Project Name: 10700 MacArthur Blvd, #2A Date Prepared: 5/26/2023
Project Address: 10700 MacArthur Blvd, #2A Date Prepared: 5/26/2023

DOCUMENTATION AUTHOR'S DECLARATION STATEMENT

I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Melinda Wolny
Company: ResCom Energy Engineering
Address: 3166 Suisun Bay Road
City/State/Zip: West Sacramento CA 95691
Phone: (916) 373-1383

Responsible Person's Declaration Statement

I certify the following under penalty of perjury, under the laws of the State of California:

- The information provided on this Certificate of Compliance is true and correct.
- I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
- The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
- The building design features or system design features identified on this Certificate of Compliance are consistent with the information provided on other applicable compliance documents, worksheets, calculations, plans and specifications submitted to the enforcement agency for approval with this building permit application.
- I will ensure that a completed signed copy of this Certificate of Compliance shall be made available with the building permit issued for the building, and made available to the enforcement agency for all applicable inspections. I understand that a completed signed copy of this Certificate of Compliance is required to be included with the documentation the builder provides to the building owner at occupancy.

Responsible Designer Name: Acute Consulting, Inc.
Date Signed: 2023-05-26
Address: 29 Orinda Way, # 1267
City/State/Zip: Orinda CA 94563
Phone: (925) 818-4132

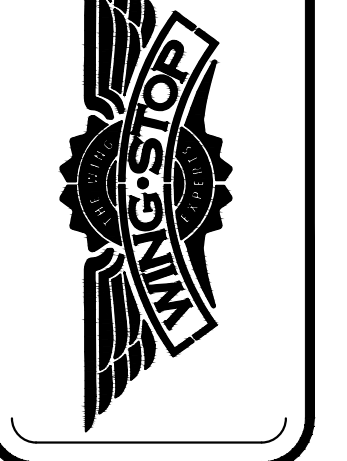
Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Generated Date/Time: Report Version: 2022.0.000
Documentation Software: EnergyPro Schema Version: rev 20220101
Compliance ID: EnergyPro-5430-0523-0121
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REV. DATE 5/26/23
NO. 1

Acute Consulting, Inc.
29 ORINDA WAY, #1267
ORINDA, CA 94563
925-818-4132

RESCOM ENERGY ENGINEERING
3166 SUISUN BAY ROAD
WEST SACRAMENTO, CA 95691
916 373-1383

WING STOP RESTAURANT
FOOTHILL SQUARE
10700 MACARTHUR BLVD, #2A
OAKLAND, CA 94605
STORE GL#K345



DWG DATE: 2/6/23
DRAWN BY: RDO

NRCC-LTI-E
LTI



STATE OF CALIFORNIA
Mechanical Systems CALIFORNIA ENERGY COMMISSION
NRC-MCH-E
Project Name: Wingstop TI - LTG & MECH Report Page: (Page 1 of 13)
Project Address: 10700 MacArthur Blvd, #2A Date Prepared: 5/26/2023

A. GENERAL INFORMATION
01 Project Location (city) Oakland 04 Total Conditioned Floor Area 1335
02 Climate Zone 3 05 Total Unconditioned Floor Area 0
03 Occupancy Types Within Project: 06 # of Stories (Habitable Above Grade) 1
• Retail • Support Areas • All Other Occupancies

B. PROJECT SCOPE
This table includes mechanical systems or components that are within the scope of the permit application and are demonstrating compliance using the prescriptive path outlined in 140.4, 170.2(b) or 141.0(b)2 and 180.2(b)2 for alterations.

01	02	03
Air System(s)	Wet System Components	Dry System Components
<input checked="" type="checkbox"/> Heating Air System	<input type="checkbox"/> Water Economizer	<input checked="" type="checkbox"/> Air Economizer
<input checked="" type="checkbox"/> Cooling Air System	<input type="checkbox"/> Pumps	<input type="checkbox"/> Electric Resistance Heat
<input type="checkbox"/> Mechanical Controls	<input type="checkbox"/> System Piping	<input checked="" type="checkbox"/> Fan Systems
<input checked="" type="checkbox"/> Mechanical Controls (existing to remain, altered or new)	<input type="checkbox"/> Cooling Towers	<input checked="" type="checkbox"/> Ductwork (existing to remain, altered or new)
	<input type="checkbox"/> Chillers	<input checked="" type="checkbox"/> Ventilation
	<input type="checkbox"/> Boilers	<input type="checkbox"/> Zonal Systems/ Terminal Boxes

Registration Number: Generated Date/Time: Documentation Software: EnergyPro
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Schema Version: rev 20220101 Compliance ID: EnergyPro-5430-0523-0121 Report Generated: 2023-05-26 07:40:38

STATE OF CALIFORNIA
Mechanical Systems CALIFORNIA ENERGY COMMISSION
NRC-MCH-E
Project Name: Wingstop TI - LTG & MECH Report Page: (Page 2 of 13)
Project Address: 10700 MacArthur Blvd, #2A Date Prepared: 5/26/2023

C. COMPLIANCE RESULTS
Table C will indicate if the project data input into the compliance document is compliant with mechanical requirements. This table is not editable by the user. If this table says "DOES NOT COMPLY" or "COMPLIES with Exceptional Conditions" refer to Table D., or the table indicated as not compliant for guidance.

01	02	03	04	05	06	07	08	09
System Summary	Pumps 140.4(b), 170.2(c)4f	Fans/Economizers 140.4(c), 140.4(e), 170.2(c)	System Controls 110.2, 120.2, 140.4(f), 170.2(c)	Ventilation 120.1, 160.2	Terminal Box Controls 140.4(d), 170.2(c)4b	Distribution 120.3, 140.4(f), 160.2, 160.3	Cooling Towers 110.2(e)2	Compliance Results
(See Table F)	(See Table G)	(See Table H)	(See Table I)	(See Table J)	(See Table K)	(See Table L)	(See Table M)	
Yes	AND	AND	AND	AND	AND	AND	AND	COMPLIES

D. EXCEPTIONAL CONDITIONS
This table is auto-filled with uneditable comments because of selections made or data entered in tables throughout the form.

E. ADDITIONAL REMARKS
This table includes remarks made by the permit applicant to the Authority Having Jurisdiction.

F. HVAC SYSTEM SUMMARY (DRY & WET SYSTEMS)
Space Conditioning System Information

01	02	03	04	05	06
System Name	Quantity	System Serving	System Status	Space Type	Utilizing Recovered Heat
AC-1	1	Single zone	New/ Addition		<input type="checkbox"/>
AC-2	1	Single zone	Alteration		<input type="checkbox"/>

Registration Number: Generated Date/Time: Documentation Software: EnergyPro
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Schema Version: rev 20220101 Compliance ID: EnergyPro-5430-0523-0121 Report Generated: 2023-05-26 07:40:38

STATE OF CALIFORNIA
Mechanical Systems CALIFORNIA ENERGY COMMISSION
NRC-MCH-E
Project Name: Wingstop TI - LTG & MECH Report Page: (Page 3 of 13)
Project Address: 10700 MacArthur Blvd, #2A Date Prepared: 5/26/2023

F. HVAC SYSTEM SUMMARY (DRY & WET SYSTEMS)
Dry System Equipment Sizing (Includes air conditioners, condensers, heat pumps, VRF, furnaces and unit heaters and DOAS systems)

01	02	03	04	05	06	07	08	09	10	11
Name or Item Tag	Equipment Category per Tables 110.2, 140.4(a)2 and 170.2(c)3a1	Equipment Type per Tables 110.2 and Title 20	Smallest Size Available ¹ 140.4(a) and 170.2(c)1	Per Design (kBtu/h)	Rated (kBtu/h)	Supp. Heating Output (kBtu/h)	Sensible Per Design (kBtu/h)	Rated (kBtu/h)	Total Heating Load (kBtu/h)	Total Sensible Cooling Load (kBtu/h)
AC-1	Unitary AC/ Condensers	AC, air-cooled pkg (3 phase)	Yes	104	104	0	56.37	48	36.51	50.16
AC-2	Unitary AC/ Condensers	AC, air-cooled pkg (3 phase)	NA: Altered per 141.0(b)2E and 180.2(b)2	104	104	0	56.87	48	35.85	48.33

G. EXHAUST AIR HEAT RECOVERY 140.4(a), 170.2(c)4O

01	02	03	04	05	06	07	08	09
Name or Item Tag	Size Category (Btu/h)	Rating Condition (°F)	Efficiency Unit	Minimum Efficiency Required per Tables 110.2 / Title 20	Design Efficiency	Efficiency Unit	Minimum Efficiency Required per Tables 110.2 / Title 20	Design Efficiency
AC-1	<65,000		AFUE	0.8	0.81	SEER	13.0	13.4
AC-2	<65,000		AFUE	0.8	0.81	SEER	13.0	13.4

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STATE OF CALIFORNIA
Mechanical Systems CALIFORNIA ENERGY COMMISSION
NRC-MCH-E
Project Name: Wingstop TI - LTG & MECH Report Page: (Page 4 of 13)
Project Address: 10700 MacArthur Blvd, #2A Date Prepared: 5/26/2023

G. PUMPS
This section does not apply to this project.

H. FAN SYSTEMS & AIR ECONOMIZERS
This table is used to demonstrate compliance with prescriptive requirements found in 140.4(c), 140.4(e), 140.4(m), 170.2(c)3, and 170.2(c)4A for fan systems. Fan systems serving only process loads are exempt from these requirements and do not need to be included in Table H.

System Name	AC-1	Quantity	1	Fan System Status	New	System Zoning	all other systems	Serving Dwelling Units	Not Serving Dwelling Units	Fan System Airflow (cfm)	2,000	Site Elevation	6	Economizer	Fixed Temperature
SF	Supply	1								2,000					0.86

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STATE OF CALIFORNIA
Mechanical Systems CALIFORNIA ENERGY COMMISSION
NRC-MCH-E
Project Name: Wingstop TI - LTG & MECH Report Page: (Page 5 of 13)
Project Address: 10700 MacArthur Blvd, #2A Date Prepared: 5/26/2023

H. FAN SYSTEMS & AIR ECONOMIZERS

System Name	AC-2	Quantity	1	Fan System Status	Alteration	System Zoning	all other systems	Serving Dwelling Units	Not Serving Dwelling Units	Fan System Airflow (cfm)	2,000	Site Elevation	6	Economizer	Fixed Temperature
SF	Supply	1								2,000					0.86

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STATE OF CALIFORNIA
Mechanical Systems CALIFORNIA ENERGY COMMISSION
NRC-MCH-E
Project Name: Wingstop TI - LTG & MECH Report Page: (Page 6 of 13)
Project Address: 10700 MacArthur Blvd, #2A Date Prepared: 5/26/2023

H. EXHAUST AIR HEAT RECOVERY 140.4(a), 170.2(c)4O

Fan System Name	Qty	Hours of Operation per Year	Design Supply Airflow Rate	Outdoor Airflow	% Outdoor Air at Full Design Airflow	Exemptions to Exhaust Air Heat Recovery Requirement per 140.4(a) & 170.2(c)4O	Exhaust Air Heat Recovery 140.4(a) & 170.2(c)4O	Type Of Heat Recovery Rating	Required Recovery Ratio	Energy Recovery Bypass
AC-1	1									
AC-2	1									

I. SYSTEM CONTROLS
This table is used to demonstrate compliance with mandatory controls in 110.2 and 120.2 and prescriptive controls in 140.4(f) and (i), 170.2(c)4D 170.2(c)4L or requirements in 141.0(b)2E 180.2(b)2 for altered space conditioning systems.

01	02	03	04	05	06	07	08	09
System Name	System Zoning	Conditioned Floor Area Being Served (ft²)	Thermostats 110.2(b) & (c)¹, 120.2(a) 120.2(e) & 160.3(a)2A or 141.0(b)2E & 180.2(b)2	Shut-Off Controls 120.2(e) & 160.3(a)2D	Isolation Zone Controls 120.2(g) & 160.3(a)2F	Demand Response 110.12 120.2(b) & 160.3(a)2B	Supply Air Temp. Reset 140.4(f) & 170.2(c)4D	Window Interlocks per 140.4(n) & 170.2(c)4J
AC-1	Single zone	<= 25,000 ft²	Setback	NA: Altered per 141.0(b)2E	NA: Altered per 141.0(b)2E	NA: PTAC, PTHP, Rm AC, HP	NA: Alteration	NA: Alteration Project
AC-2	Single zone	<= 25,000 ft²	Setback	NA: Altered per 141.0(b)2E	NA: Altered per 141.0(b)2E	NA: PTAC, PTHP, Rm AC, HP	NA: Alteration	NA: Alteration Project

Registration Number: Generated Date/Time: Documentation Software: EnergyPro
CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance Report Version: 2022.0.000 Schema Version: rev 20220101 Compliance ID: EnergyPro-5430-0523-0121 Report Generated: 2023-05-26 07:40:38



STATE OF CALIFORNIA
Mechanical Systems
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-MCH-E
Project Name: Wingstop TI - LTG & MECH Report Page: (Page 7 of 13)
Project Address: 10700 MacArthur Blvd, #2A Date Prepared: 5/26/2023

J. VENTILATION AND INDOOR AIR QUALITY
This table is used to demonstrate compliance with mandatory ventilation requirements in 120.1.120.2(e)38 140.4(p) and 140.4(q) for all nonresidential and hotel/motel and d:14r(n)160.2, 160.3(a)30, 170.2(a)4N, 170.2(a)4O for high-rise residential occupancies. For alterations, only ventilation systems being altered within the scope of the permit application need to be documented in this table. In lieu of this table, the required outdoor ventilation rates and airflow may be shown on the plans or the calculations can be presented in a spreadsheet.

01	<input type="checkbox"/>	Check the box if the project is showing ventilation calculations on the plans, or attaching the calculations instead of completing this table.
02	<input checked="" type="checkbox"/>	Check this box if the project included Nonresidential, Hotel/Motel Spaces or Multifamily Common Use Spaces
03	<input type="checkbox"/>	Check the box if the project is using natural ventilation in any nonresidential or hotel/motel spaces to meet required ventilation rates per 120.1(c)2.

Nonresidential and Hotel/ Motel Multifamily Common Use Ventilation Systems

System Name	AC-1	System Design OA CFM Airflow ¹	97	System Design Transfer Air CFM	0	Air Filtration per 120.1(c) 141.0(b)2 and 160.2(c)21 ²	07
08	09	10	11	12	13	14	15
Space Name or Item Tag	Occupancy Type ⁴	Conditioned Floor Area (ft ²)	# of Shower heads/ toilets	# of people ⁵	Required Min OA CFM	Provided per Design CFM	DCV or Sensor Controls per 120.1(d)3, 120.1(d)5, and 120.1(e)3 ³ 160.2(c)5D 160.2(c)5E 160.2(c)5D
Restroom	Toilet, public	50		0	0	0	DCV NA: Not required per §120.1(d)3 Occ Sensor NA: Not required space type
Janitor	All others	40		6	0	0	DCV NA: Not required per §120.1(d)3 Occ Sensor NA: Not required space type

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Report Generated: 2023-05-26 07:40:38

STATE OF CALIFORNIA
Mechanical Systems
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-MCH-E
Project Name: Wingstop TI - LTG & MECH Report Page: (Page 8 of 13)
Project Address: 10700 MacArthur Blvd, #2A Date Prepared: 5/26/2023

J. VENTILATION AND INDOOR AIR QUALITY

17	Total System Required Min OA CFM	97	18	Ventilation for this System Complies?	Yes
----	----------------------------------	----	----	---------------------------------------	-----

¹ FOOTNOTES: System CFM should include both mechanical and natural ventilation for the zone/system

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Documentation Software: EnergyPro
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Report Generated: 2023-05-26 07:40:38

STATE OF CALIFORNIA
Mechanical Systems
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-MCH-E
Project Name: Wingstop TI - LTG & MECH Report Page: (Page 9 of 13)
Project Address: 10700 MacArthur Blvd, #2A Date Prepared: 5/26/2023

J. VENTILATION AND INDOOR AIR QUALITY
² Air filtration requirements apply to the following three system types per 120.1(c)1A: space conditioning systems utilizing ducts to supply air to occupiable space; supply-only ventilation systems providing outside air to occupiable space; supply side of balanced ventilation systems including heat recovery and energy recovery ventilation systems providing outside air to occupiable space.
³ Uniform Mechanical Code may have more stringent ventilation requirements; the most stringent code requirement takes precedence.
⁴ See Standards Tables 120.1-A and 120.1-B.
⁵ For lecture halls with fixed seating, the expected number of occupants shall be determined in accordance with the California Building Code.
⁶ 120.2(e)3 requires systems serving rooms that are required by 130.1(c) to have lighting occupancy sensing controls to also have occupancy sensing zone controls for ventilation. Examples of spaces which require lighting occupancy sensors include offices 250ft² or smaller, multipurpose rooms less than 1,000ft², classrooms, conference rooms, restrooms, aisles and open areas in warehouses, library book stack aisles, corridors, stairwells, parking garages, and loading and unloading zones, unless excepted by 130.1(c).
⁷ Multifamily Dwelling Unit Ventilation Systems
 Check the box if the system is using continuous ventilation to meet the ventilation requirements per 160.2(b)2aiv2

19	20	21	22	23	24	25	26	27
Space Name or Item Tag	Mechanical Ventilation Required per 120.1(b) & 160.2(b)2	Ventilation per Design	Local Exhaust	Air Filtration per 120.1(c) & 160.2(b)1				
28	29	30	31	32	33	34	35	36
Space Name or Item Tag	Conditioned Floor Area (ft ²)	# of Bedrooms	# of Dwelling Units	Required Min OA CFM ¹	Supply Air CFM	Exhaust CFM	Meeting Outside Air Requirements?	
Order/Sales Area	Retail sales	245		61.2	0	0	DCV NA: Not required per §120.1(d)3 Occ Sensor NA: Not required space type	
Hallway	Corridor	50		7.5	0	0	DCV NA: Not required per §120.1(d)3 Occ Sensor NA: Not required space type	
17	Total System Required Min OA CFM	241	18	Ventilation for this System Complies?	Yes			

K. TERMINAL BOX CONTROLS
This section does not apply to this project.

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Generated Date/Time: Report Version: 2022.0.000 Schema Version: rev 20220101
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STATE OF CALIFORNIA
Mechanical Systems
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-MCH-E
Project Name: Wingstop TI - LTG & MECH Report Page: (Page 10 of 13)
Project Address: 10700 MacArthur Blvd, #2A Date Prepared: 5/26/2023

L. DISTRIBUTION (DUCTWORK AND PIPING)
This table is used to show compliance with mandatory pipe insulation requirements found in 120.3 and mandatory requirements found in 120.4(g) for duct sealing.

01	<input type="checkbox"/>	Insulation shall be protected from damage, including that due to sunlight, moisture, equipment maintenance, and wind. Insulation exposed to weather shall be installed with a cover suitable for outdoor service. Insulation covering chilled water piping and refrigerant suction piping located outside the conditioned space shall have a Class I or Class II vapor retarder. All penetrations and joints of which shall be sealed.
----	--------------------------	--

Duct Leakage Testing

11	false	NR/ Common Use: Duct leakage testing shall not exceed 6% per NA7.5.3 required for these systems?	Yes
12	Yes	Duct system provides conditioned air to an occupiable space for a constant volume, single zone, space-conditioning system.	
13	Yes	The space conditioning system serves less than 5,000 ft ² of conditioned floor area.	
14	No	The combined surface area of the ducts is more than 25% of the total surface area of the entire duct system.	
15		The scope of the project includes extending an existing duct system, which is constructed, insulated or sealed with asbestos.	
16	No	The scope of the project includes an existing duct system that is documented to have been previously sealed as confirmed through field verification and diagnostic testing in accordance with procedures in the Reference Nonresidential Appendix NA2.	
17		All Ductwork and plenums with pressure class ratings shall be constructed to Seal Class A	
18		All ductwork is an extension of an existing duct system	
19		Ductwork serving individual dwelling unit	
20		< 25 ft of new or replacement space conditioning ducts installed	
21	R-4.2	Dust Insulation R-value	

The answers to the questions below apply to the following duct systems: AC-2

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
Generated Date/Time: Report Version: 2022.0.000 Schema Version: rev 20220101
Documentation Software: EnergyPro
Compliance ID: EnergyPro-5430-0523-0121
Report Generated: 2023-05-26 07:40:38

STATE OF CALIFORNIA
Mechanical Systems
CALIFORNIA ENERGY COMMISSION

CERTIFICATE OF COMPLIANCE NRCC-MCH-E
Project Name: Wingstop TI - LTG & MECH Report Page: (Page 11 of 13)
Project Address: 10700 MacArthur Blvd, #2A Date Prepared: 5/26/2023

L. DISTRIBUTION (DUCTWORK AND PIPING)

11	false	Dwelling Units: Total duct leakage of duct system shall not exceed 12% or duct system to outside shall not exceed 6% per RA3.1.4 required for systems?	Yes
12	Yes	Duct system provides conditioned air to an occupiable space for a constant volume, single zone, space-conditioning system.	
13	Yes	The space conditioning system serves less than 5,000 ft ² of conditioned floor area.	
14	No	The combined surface area of the ducts is more than 25% of the total surface area of the entire duct system.	
15		The scope of the project includes extending an existing duct system, which is constructed, insulated or sealed with asbestos.	
16	No	The scope of the project includes an existing duct system that is documented to have been previously sealed as confirmed through field verification and diagnostic testing in accordance with procedures in the Reference Nonresidential Appendix NA2.	
17		All Ductwork and plenums with pressure class ratings shall be constructed to Seal Class A	
18		All ductwork is an extension of an existing duct system	
19		Ductwork serving individual dwelling unit	
20		< 25 ft of new or replacement space conditioning ducts installed	
21	R-4.2	Dust Insulation R-value	

M. COOLING TOWERS
This section does not apply to this project.

N. DECLARATION OF REQUIRED CERTIFICATES OF INSTALLATION

NRCC-MCH-01-E - Must be submitted for all buildings	Form/Title
---	------------

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
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CERTIFICATE OF COMPLIANCE NRCC-MCH-E
Project Name: Wingstop TI - LTG & MECH Report Page: (Page 12 of 13)
Project Address: 10700 MacArthur Blvd, #2A Date Prepared: 5/26/2023

O. DECLARATION OF REQUIRED CERTIFICATES OF ACCEPTANCE

Form/Title	Systems/Spaces To Be Field Verified
NRCA-MCH-02-A - Outdoor Air must be submitted for all newly installed HVAC units. Note: MCH-02-A can be performed in conjunction with MCH-07-A Supply Fan VFD Acceptance (if applicable) since testing activities overlap.	(N) 5-Ton; (N) 5-Ton;
NRCA-MCH-03-A - Constant Volume Single Zone HVAC NOTE: This form does not automatically move to "Yes". If Constant Volume Single Zone HVAC Systems are included in the scope, permit applicant should move this form to "Yes".	(N) 5-Ton; (N) 5-Ton;
NRCA-MCH-05-A - Air Economizer Controls	(N) 5-Ton; (N) 5-Ton;
NRCA-MCH-12-A FDD for Packaged Direct Expansion Units	(N) 5-Ton; (N) 5-Ton;

P. DECLARATION OF REQUIRED CERTIFICATES OF VERIFICATION
There are no NRCV forms required for this project.

Q. MANDATORY MEASURES DOCUMENTATION LOCATION
This table is used to indicate where mandatory measures are documented in the plan set or construction documentation.

Compliance with Mandatory Measures documented through MCH Mandatory Measures Note Block	Yes	02 Plan sheet or construction document location M-Sheets
---	-----	--

Registration Number: CA Building Energy Efficiency Standards - 2022 Nonresidential Compliance
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DOCUMENTATION AUTHOR'S DECLARATION STATEMENT
I certify that this Certificate of Compliance documentation is accurate and complete.

Documentation Author Name: Melinda Wolny
Company: ResCom Energy Engineering
Address: 3166 Suisun Bay Road
City/State/Zip: West Sacramento CA 95691
Phone: (916) 373-1383

RESPONSIBLE PERSON'S DECLARATION STATEMENT
I certify the following under penalty of perjury, under the laws of the State of California:
1. The information provided on this Certificate of Compliance is true and correct.
2. I am eligible under Division 3 of the Business and Professions Code to accept responsibility for the building design or system design identified on this Certificate of Compliance (responsible designer).
3. The energy features and performance specifications, materials, components, and manufactured devices for the building design or system design identified on this Certificate of Compliance conform to the requirements of Title 24, Part 1 and Part 6 of the California Code of Regulations.
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