

GENERAL NOTES

GENERAL REQUIREMENTS:

- DRAWINGS. THE DRAWINGS ARE INTENDED TO DESCRIBE THE OVERALL SCOPE OF WORK. CONTRACTORS SHALL FIELD VERIFY EXISTING CONDITIONS AND ALERT ARCHITECT TO ANY UNFORESEEN CONSTRUCTION DIFFICULTIES BEFORE BEGINNING WORK. IN-FIELD REVISIONS SHALL NOT OCCUR WITHOUT ARCHITECT'S APPROVAL.
- PRE-CONSTRUCTION MEETING. PRIOR TO ANY CONSTRUCTION OR DEVELOPMENT ACTIVITY, THE CONTRACTOR SHALL SCHEDULE, WITH OWNERS APPROVAL, A PRE-CONSTRUCTION MEETING WITH THE LOCAL BUILDING DEPT. OR LOCAL PUBLIC WORKS DEPT. VERIFY WHICH AGENCY WOULD BE INVOLVED. THE CONTRACTOR SHALL PROVIDE LOCAL INSPECTOR WITH 24 HOURS NOTICE PRIOR TO INSPECTION.
- TYPICAL WALL SECTIONS, FINISHES, AND DETAILS ARE NOT INDICATED EVERYWHERE THEY OCCUR ON PLANS, ELEVATIONS AND SECTIONS. REFER TO DETAILED DRAWINGS. CONTRACTOR TO PROVIDE AS IF DRAWN IN FULL.
- CODES / PERMITS / REGULATIONS. ALL EXTERIOR SIGNAGE MUST BE SUBMITTED AND REVIEWED UNDER SEPARATE PERMIT APPLICATION.

CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS NECESSARY OTHER THAN THE BUILDING PERMIT. CONTRACTOR SHALL ALSO PAY FOR ALL OTHER CHARGES, FEES OR COSTS CHARGED BY THE BUILDING AND CONSTRUCTION DEPARTMENTS, UTILITY AGENCIES OR PRIVATE COMPANIES WHICH REQUIRE SUCH COSTS FOR OR PRIOR TO INSTALLATIONS.

NOTHING IN THE DRAWINGS SHALL BE CONSTRUCTED TO PERMIT AN INSTALLATION IN VIOLATION OF APPLICABLE CODES AND/OR RESTRICTIONS. SHOULD ANY CHANGE IN THE DRAWINGS BE NECESSARY IN ORDER TO COMPLY WITH APPLICABLE CODES AND/OR REQUIREMENTS, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT AT ONCE AND CEASE WORK. ALL PARTS PERFORMED UNDER THIS CONTRACT SHALL BE IN FULL ACCORDANCE WITH THE LATEST RULES, REGULATIONS, RESTRICTIONS, REQUIREMENTS AND CODES.

- AMENDED BY GOVERNING CITY & ALL JURISDICTION RULES AND REGULATIONS. DIMENSIONS ARE SHOWN TO FACE OF MASONRY OR CENTERLINE OF OPENING, UNLESS DETAILED OTHERWISE ON DRAWINGS.

DO NOT SCALE DRAWINGS. THE CONTRACTOR SHALL USE DIMENSIONS SHOWN ON THE DRAWINGS AND ACTUAL FIELD MEASUREMENTS. NOTIFY THE ARCHITECT IF ANY DISCREPANCIES ARE FOUND.

THE CONTRACTOR SHALL VERIFY ALL ROUGH-IN DIMENSIONS FOR THE EQUIPMENT FURNISHED AND INSTALLED BY HIMSELF/HERSELF OR OTHERS.

THE CONTRACTOR SHALL CONSULT THE PLANS OF ALL TRADES FOR OPENINGS THROUGH SLABS, WALLS, CEILINGS AND ROOFS.

- SHOP DRAWINGS REVIEW. PROVIDE SHOP DRAWINGS FOR THE ARCHITECTS/OWNERS AND AS REQUIRED BY THE CITY PRIOR TO CONSTRUCTION.

- CONTRACTOR TO FRAME OPENINGS IN WALLS, CEILINGS AND FLOORS FOR H.V.A.C. AND OTHER MECHANICAL OR ELECTRICAL WORK WHERE REQUIRED AND NOT OTHERWISE SHOWN ON THE PLANS.

- COMPLY WITH APPLICABLE REGULATIONS FOR BARRIER-FREE FACILITIES INCLUDING:

- 1). MAXIMUM THRESHOLD HEIGHT TO BE ONE HALF INCH (1/2") ALONG ACCESSIBLE ROUTE OF TRAVEL.
- 2). STAIR NOSINGS TO BE FLUSH, SLIP RESISTANT AND ROUNDED TO RADIUS OF ONE HALF INCH (1/2") MAXIMUM.

DOORS/WINDOWS:

- GLAZING. PROVIDE GLAZING PER CITY CODES. INSULATED UNITS SHALL BE CLASS 40 GLAZING WITH LOW ARGON GAS.

GLAZING IN LOCATIONS SUBJECT TO HUMAN IMPACT SUCH AS PANES IN DOORS, GLAZING WITHIN A 24" ARC OF A DOOR OPENING, GLAZING WITHIN 18" OF THE FLOOR (AND IS OVER 9 SQ. FT. PER PANEL) SHALL BE TEMPERED GLASS OR LAMINATED SAFETY GLASS PER CODE.

GLAZING U-VALUE (AMMA TESTED) U-40 MAXIMUM.

FIRE PROTECTION:

- GO TO EXTEND THE EXISTING AUTOMATIC FIRE SPRINKLER SYSTEM AS REQUIRED - GET SYSTEM DESIGN APPROVED BY GOVERNING CITY'S BUILDING DEPARTMENT AND FIRE DEPARTMENT PRIOR TO INSTALLATION (IF APPLICABLE).

- PROVIDE FIRE EXTINGUISHERS AS REQUIRED BY INTERNATIONAL BUILDING CODE AND LOCATE PER FIRE MARSHAL'S DIRECTION. 1 FIRE EXTINGUISHER PER 3,000 S.F. OF BUILDING AREA WITHIN 75'-0" TRAVEL DISTANCE BETWEEN EXTINGUISHERS.

- MAINTAIN STRUCTURAL AND FIRE RESISTIVE INTEGRITY AT EXTERIOR AND RATED INTERIOR WALL PENETRATIONS FOR ELECTRICAL, MECHANICAL, PLUMBING AND COMMUNICATIONS CONDUITS, PIPED AND SIMILAR SYSTEMS PER CITY'S CODE.

THERMAL/MOISTURE PROTECTION:

- OPENINGS. ALL OPENINGS TO BE CAULKED, SEALED OR WEATHER-STRIPPED.

ALL FLASHING AND ARCHITECTURAL SHEET METAL TO BE 24 GAUGE GALVANIZED STEEL, FACTORY PRIMED AND FIELD PAINTED. 10'-0" LENGTHS, PER SMACNA MANUAL UNLESS OTHERWISE NOTED.

- CAULKING AND SEALANTS. USE PRIMERS AS REQUIRED BY MANUFACTURER. BACKING RODS OR TAPE AS RECOMMENDED BY MANUFACTURER. USE POLYURETHANE SEALANTS AT CONCRETE FLOOR AND SIDEWALK JOINTS. ALL OTHER LOCATIONS USE POLYSULFIDE OR SILICONE.

- VAPOR BARRIERS. CONTINUOUS APPROVED VAPOR BARRIERS SHALL BE INSTALLED ON THE HEATED SIDE OF ALL THERMAL INSULATION INSTALLED.

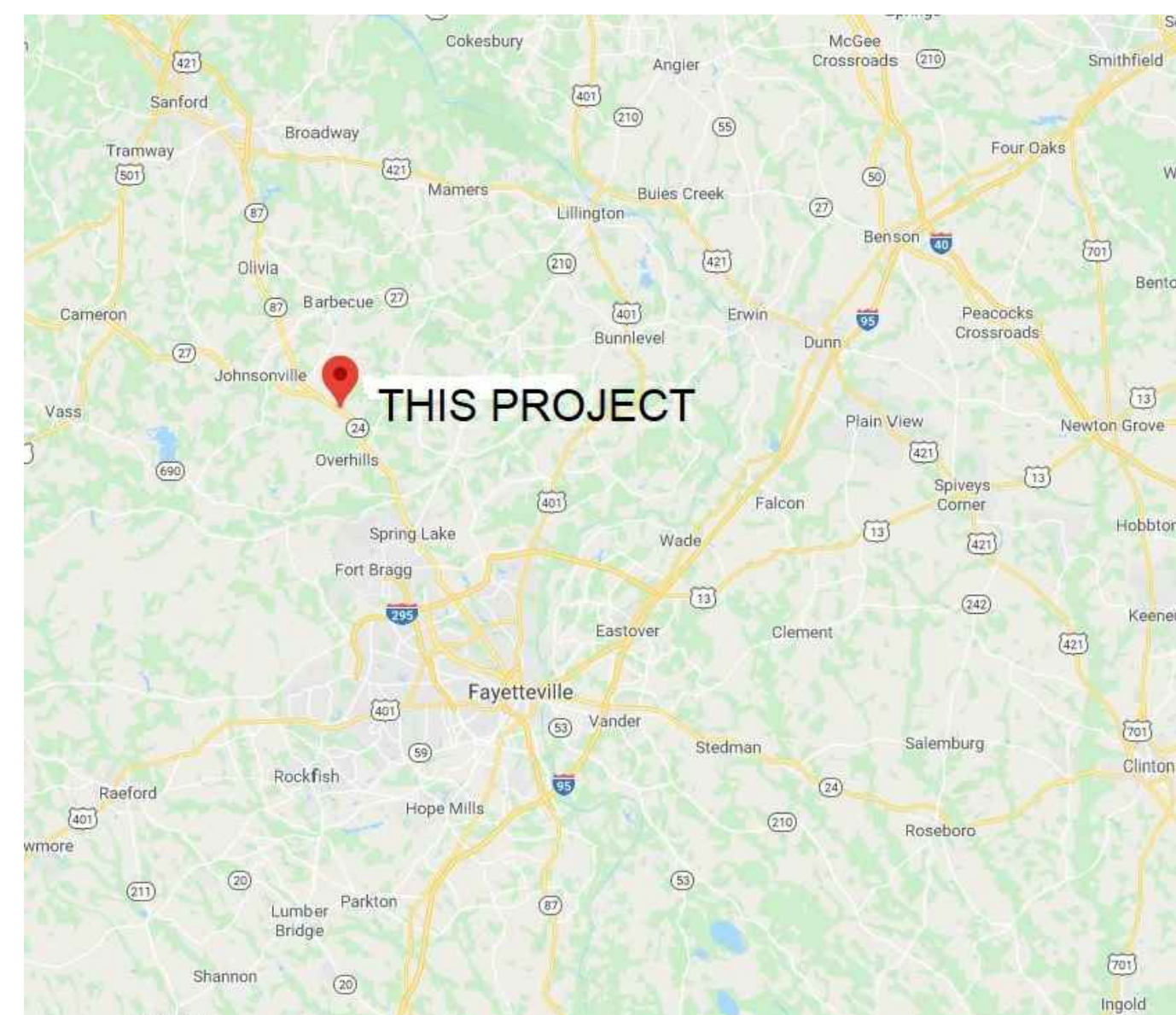
- INSULATION. PROVIDE INSULATION PER LOCAL CODE, COMPONENT PERFORMANCE APPROACH.

GENERAL NOTES:

1. PRIOR TO DEMOLITION, VERIFY IN FIELD EXISTING WALLS AND IF ANY STRUCTURAL COLUMNS EXIST. IF SO, CONTACT ARCHITECT IMMEDIATELY.
2. CONTRACTOR TO MAINTAIN PROPER LIGHTING, SANITATION AND VENTILATION AT ALL TIMES.
3. ALL WORK MUST BE APPROVED BY BUILDING INSPECTOR PRIOR TO COVERING WORK.
4. IT IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN A WATER AND WEATHER TIGHT BUILDING.
5. ALL WORK TO BE PERFORMED TO CODE BY LICENSE CONTRACTORS PERFORMING WORK IN THEIR SPECIFIC TRADE ONLY.
6. ALL DESIGN, DRAWINGS, AND DETAILS REPRESENT COMPLETE WORK IN PLACE. ARCHITECT SHALL HAVE NO CONTROL OR CHANGE OF AND SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION.
7. INTERIOR PARTITIONS NOTED ON PLANS MAY BE SHOWN AS NOMINAL DIMENSIONS. SUCH AS 5" INTERIOR WALL REFERS TO GYPSUM BOARD EACH OVER 3-5/8" STUDS. STUD SPACING IS 24" O.C.
8. ALL DEBRIS GENERATED FROM CONSTRUCTION MUST BE KEPT ON THE SITE IN EITHER AN ENCLOSED AREA OR HAULED AWAY DAILY, AND DISPOSED OF LEGALLY OFF-SITE.
9. EXTERIOR SIGNAGE IS NOT PART OF THIS CONTRACT OR PERMIT EXCEPT ELECTRICAL ROUGH-IN AND BLOCKING. SIGN CONTRACTOR SHALL MAKE SEPARATE SUBMITTAL TO THE CITY FOR REVIEW AND PERMIT.
10. KEEP ALL PIPING AND CONDUIT AS CLOSE TO WALLS AND ROOF DECK AS POSSIBLE AND ALL DUCTWORK AS CLOSE TO ROOF AS POSSIBLE. WHERE EXPOSED, ALL PIPING CONDUIT AND DUCTWORK SHALL BE PAINTED UNLESS NOTED. ALL PIPING CONDUIT SHALL BE ORGANIZED IN A NEAT MANNER RUNNING PARALLEL OR PERPENDICULAR TO ROOF FRAMING MEMBERS.
11. MAXIMUM FLAME SPREAD CLASSIFICATION OF FINISH MATERIALS USED ON INTERIOR WALLS AND CEILING SHALL NOT EXCEED THAT SET FORTH IN FLAME SPREAD TABLE OF THE BUILDING CODE.
12. VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO CONSTRUCTION AND COORDINATE WITH ARCHITECT ANY CONFLICTS WITH THE PLANS.
13. PERFORM THE REMOVAL, CUTTING, AND DRILLING WITH THE CARE USE OF THE SMALLEST TOOLS SO AS TO NOT DAMAGE THE STRUCTURAL INTEGRITY OF THE BUILDING.
14. TO SAW CUT AT EXISTING RESTROOM LOCATION, USE SAWS AND COREDRILLS. DO NOT USE JACKHAMMER UNDER ANY CIRCUMSTANCES.

SCOPE OF WORK:
THIS PROJECT IS A 2ND GENERATION FIT-UP AND WILL CONSIST OF AN INTERIOR TENANT IMPROVEMENT WITHIN A COMPLETED RETAIL SHELL BUILDING. PROJECT HAS BEEN APPROVED BY THE LANDLORD AND HAS A SIGNED LEASE. THERE WILL BE NO MODIFICATIONS TO THE SITE UNDER THIS PERMIT. EXISTING STOREFRONT GLASS AND DOORS TO REMAIN.

SITE MAP



A TENANT IMPROVEMENT FOR



eat better. feel better.

OAKS CROSSING AT NORTH GATE

1546 NC HWY 24 /87

CAMERON, NC 28326

STORE #NC-079

NOTICE TO CONTRACTOR
All construction must comply with current NC Building Codes and is subject to field inspection and verification.

APPROVED
Limited building only review
Permit holder responsible for full compliance with the code

01/11/2021



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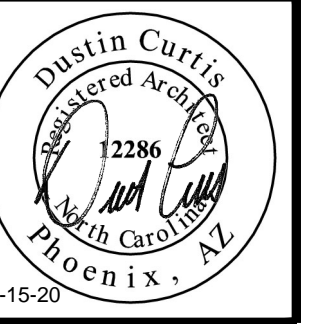
1546 NC HWY 24 / 87
CAMERON, NC 28326
STORE# NC - 079



TSC: NC-079

REVISION

- 1
 - 2
 - 3
- DATE: 12.05.2020



COVER SHEET

A0.0

REFERENCE SYMBOLS

DOOR TAG	1	REFERENCE	X A4
ROOM TAG	100	WALL SECTION REFERENCE	X A4
DETAIL REFERENCE	1 A4	EQUIPMENT REFERENCE	1

ABBREVIATIONS

ACP	ACOUSTICAL CLG. PANEL	FLASH	FLASHING	PLAM	PLASTIC LAMINATE
ACT	ACOUSTICAL CLG. TILE	FOIC	FURNISHED BY OWNER	PLYWD	PLYWOOD
AL	ALUMINUM	FO	INSTALLED BY CONTRACTOR	R	RISER, RADIUS
ALUM	ALUMINUM	FRP	FIBERGLASS REINFORCED	REBAR	REINFORCING BAR
ARCH	ARCHITECTURAL	GL	PANELS	REF	REFERENCE
AVG	AVERAGE	FR	FIRE RETARDANT TREATED	REV	REVISION
BLDG	BUILDING	GA	GAUGE	RM, RMS	ROOM, ROOMS
BLKG	BLOCKING	GALV	GALVANIZED	RO	ROUGH OPENING
BR	BRICK	GL	GLASS	S & V	SATIN AND VARNISH
CMU	CONCRETE BLOCK	GWB	GYPSUM WALLBOARD	SC	SOLID CORE
CT	CERAMIC TILE	HDWE	HARDWARE	SCHED	SCHEDULE
CFM	CUBIC FEET PER MINUTE	HM	HOLLOW METAL	SEC	SECTION
CL	CENTER LINE	HOR	HORIZONTAL	SHT	SHEET
CLG	CEILING	HT	HEIGHT	SPCS	SPECIFICATIONS
CONC	CONCRETE	HW	HOT WATER	SF	SQUARE FEET
CONT	CONTINUOUS	HWH	HOT WATER HEATER	ST	STEEL
CW	COLD WATER	HWT	HOT WATER TANK	STOR	STORAGE
DTL	DETAIL	LAV	LAVATORY	STRUCT	STRUCTURAL
DF	DRINKING FOUNTAIN	LT	LIGHT	SUSP	SUSPENDED
DIA	DIAMETER	LT	LIGHT	SV	SHEET VINYL
DIM	DIMENSION	MAT'L	MATERIAL	SS	STAINLESS STEEL
DN	DOWN	MAX	MAXIMUM	TB	TELEPHONE MOUNTING BOARD
DR	DOOR	MTL	METAL	TD	TRENCH DRAIN
DS	DOWNSPOUT	MIN	MINIMUM	THRESH	THRESHOLD
DWG	DRAWING	MO	MASONRY OPENING	TYP	TYPICAL
EA	EACH	MUL	MULLION	UNFIN	UNFINISHED
ELEV	ELEVATION	N/A	NOT APPLICABLE	UR	URINAL
EXIST	EXISTING	NIC	NOT IN THIS CONTRACT	VCT	VINYL COMPOSITION TILE
OR EX		NO	NUMBER	VERT	VERTICAL
EXT	EXTERIOR	NOM	NOMINAL	VST	VINYL SAFETY TILE
FDN	FOUNDATION	NTS	NOT TO SCALE	W	WIDTH
FIN	FINISH	OC	ON CENTER	WC	WATER CLOSET
FD	FLOOR DRAIN	OD	OUTSIDE DIMENSION	WD	WOOD
FL	FLOOR	PT	PAINT	WDW	WINDOW
				WP	WATERPROOF

CONTACT INFORMATION

TENANT INFORMATION: FELICIA R. BANKS 804-405-8866 545 HILLIARD DRIVE FAYETTEVILLE, NC 28311	CORPORATE INFORMATION: TROPICAL SMOOTHIE CAFE 1117 Perimeter Center W W200, Atlanta, GA 30338 ATTN: MARSHALL MOORE	BUILDING DEPARTMENT: HARNETT COUNTY BUILDING DEPARTMENT 108 E. FRONT STREET LILLINGTON, NC 27546 910-893-7525
PROJECT MANAGER: ATTN: CHRIS NEAL 6501 E. Greenway Pkwy #103-707 SCOTTSDALE, AZ 85254 P: 480.297.5577 cneal@neptunedg.com	LANDLORD: ELMWOOD HOLDINGS, LLC PO BOX 87555 FAYETTEVILLE, NC 28304 ATTN: TOMMY BRADFORD 910-308-9500	HEALTH DEPARTMENT: HARNETT COUNTY HEALTH 910-893-7547 NC STATE HEALTH 919-856-7400
GRAND RESTAURANT / HOCKENBERG'S FOODSERVICE EQUIPMENT & SUPPLY 3650 ANNAPOLIS LANE, N. #107 PLYMOUTH, MN 55447 MARK CDX, CFSP (763) 746-3410 markcdx@hockenberg.com	QUALSERV 7400 S. 28th Street Fort Smith, AR 72908 (800) 643-2980 Email contactus@qualservcorp.com	MICROS/ORACLE (POS PROVIDER) GARRETT STOM (561) 248-9040 garrett.stom@oracle.com
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PROJECT DATA

PROJECT NAME:	TROPICAL SMOOTHIE CAFE
PROJECT ADDRESS:	1546 NC HWY 24 / 87 CAMERON, NC 28326
LOCAL JURISDICTION:	BUILDING & SAFETY - HARNETT COUNTY BUILDING HEALTH: HARNETT COUNTY / NC STATE
PARCEL NO.:	9584-88-6096.000 / TRACK: 019594 0035 02
CODES UTILIZED:	2018 EDITION OF THE NORTH CAROLINA BUILDING CODE
PROPOSED USE:	RESTAURANT
CONSTRUCTION TYPE:	II-B (NON SPRINKLERED)
OCCUPANCY GROUP:	B (Occupancy less than 50 per Sect 303.1 - Exception #1)
TOTAL S.F.:	1,567 S.F. (CONFIRM W/ LEASE)

DINING AREA 550 S.F. / 15 = 37
 KITCHEN/SERVICE AREA 370 S.F. / 200 = 2
 HALLWAY/RESTROOM 140 S.F. / 0 = 0

ACTUAL INTERIOR SEATING: 37 SEATS (5% -H/C AREAS PROVIDED)
 TOTAL OCCUPANT LOAD: 39- SEE SHEET A1.1

- 1 EXIT(S) REQUIRED, 1 EXIT(S) PROVIDED (OCCUPANT LOAD 39 < 50)
- 2 RESTROOMS REQUIRED, 2 RESTROOMS PROVIDED
- NO STRUCTURAL WORK IS TO BE PERFORMED UNDER THIS PERMIT.
 NO SITE WORK IS TO BE PERFORMED UNDER THIS PERMIT.
- (3) EMPLOYEES MAXIMUM
- EXTERIOR SIGN UNDER SEPARATE PERMIT BY SIGN COMPANY - INSTALLED BY SIGN COMPANY

NOTE: WALK-IN COOLER IS SELF CONTAINED AND DOES NOT HAVE A REMOTE CONDENSER, A SEPARATE PERMIT IS NOT REQUIRED FOR THIS TYPE OF REFRIGERATION.

NOTE: THIS BUILDING IS NOT EQUIPPED WITH A FIRE ALARM OR SPRINKLER SYSTEM.

INDEX OF SHEETS

A0.0	TITLE SHEET
A1.0	2018 APPENDIX B
A1.1	EGRESS / EXIT PLAN AND RESPONSIBILITY SCHEDULE
A1.2	ACCESSIBILITY AND SPECIFICATIONS
A1.3	EXISTING SITE PLAN / DEMO PLAN
A2.0	FLOOR PLAN
A2.1	FINISH PLAN
A2.2	LOW VOLTAGE PLAN
A2.3	WALL BACKING PLAN
A3.0	REFLECTED CEILING PLAN
A4.0	ELEVATIONS
A4.1	ELEVATIONS
A5.0	EQUIPMENT PLAN
A6.0	DETAILS
A6.1	DETAILS
A6.2	DETAILS
A7.0	SPECIFICATIONS
A7.1	SPECIFICATIONS
M0	MECHANICAL COM CHECK
M1	MECHANICAL SCHEDULES/ PLAN AND NOTES
M2	MECHANICAL DETAILS
M3	MECHANICAL SPECIFICATIONS
P1	PLUMBING SYMBOLS & SCHEDULES
P2	PLUMBING PLANS
P3	PLUMBING DETAILS
P5	PLUMBING SPECIFICATIONS
E1	ELECTRICAL NOTES
E2	ELECTRICAL LIGHTING PLAN
E3	POWER PLAN-SINGLE-LINE DIAGRAM, & PANEL

SET DATED: 12.05.2020

GENERAL NOTES

- ALL ROUGH-INS AND CONNECTIONS SHOWN ON THESE PLANS ARE FOR FOOD SERVICE FIXTURES AND EQUIPMENT PROVIDED BY THE EQUIPMENT VENDOR OR BY OUTSIDE PARTIES LISTED AS 'VENDOR' OR 'BY OTHERS'. ALL INFORMATION PROVIDED ON THESE PLANS ARE TO BE VERIFIED BY THE GENERAL CONTRACTOR THRU THE SPECIFICATIONS MANUAL PROVIDED BY THE EQUIPMENT VENDOR OR BY CONSULTING THE APPROPRIATE OUTSIDE PARTIES.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ADJUSTING ACTUAL ROUGH-IN LOCATIONS AS NEEDED BY FIELD CONDITIONS FOR EQUIPMENT UTILITY CONNECTION(S) PER MANUFACTURER'S CURRENT SPECIFICATION SHEETS.
- SERVICE ROUGH-INS AND EQUIPMENT CONNECTIONS MUST BE MADE BY APPROPRIATE TRADES.
- ALL BUILDING PENETRATIONS REQUIRED FOR FOOD SERVICE EQUIPMENT INSTALLATION SHALL BE PROVIDED BY THE GENERAL CONTRACTOR AND SEALED IN ACCORDANCE WITH LOCAL CODE REQUIREMENTS.
- ALL WALL SUPPORT (BLOCKING) FOR WALL HUNG EQUIPMENT SHALL BE PROVIDED BY GENERAL CONTRACTOR PER PLAN.
- GENERAL CONTRACTOR IS RESPONSIBLE FOR ENSURING PROPER WORKING CONDITION AND MEETING CURRENT LOCAL CODE REQUIREMENTS FOR ANY / ALL EQUIPMENT LISTED ON THESE PLANS AS 'EXISTING'.
- GENERAL CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND WALL LOCATIONS. ALL DIMENSIONS ARE TO FINISHED WALL AND/OR CENTER LINES OF COLUMNS.
- ANY DIMENSIONS LABELED "HOLD" OR "CRITICAL" MUST MAINTAIN THAT FINISHED DIMENSION. ALL CORNERS TO BE 90° OR AS SPECIFIED. ANY DISCREPANCIES WITH SPECIFIED DIMENSIONS REQUIRING TRIM OR EQUIPMENT MODIFICATION IS TO BE FURNISHED AND INSTALLED BY THE GENERAL CONTRACTOR AT THEIR EXPENSE.
- GENERAL CONTRACTOR / OWNER SHALL BE RESPONSIBLE FOR INSURING THAT ALL ADDENDA AND CHANGES TO BUILDING PLANS WHICH ARE MADE PRIOR TO AND DURING CONSTRUCTION ARE PROVIDED TO TROPICAL SMOOTHIE CAFE.
- THESE DRAWINGS ARE NOT MEANT TO REPLACE ARCHITECTURAL OR ENGINEERING PLANS. IF DISCREPANCIES EXIST, REFER TO THE ARCHITECT'S CONSTRUCTION DOCUMENTS.
- THE LATEST DATED REVISION SUPERSEDES AND VOIDS ALL PREVIOUS DRAWINGS. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR COLLECTING ALL OLD COPIES OF THE PLAN SET & DISTRIBUTING CURRENT COPIES TO ALL SUBCONTRACTORS.
- REFER TO THE EQUIPMENT VENDOR WITH ANY CONCERNS OR QUESTIONS REGARDING DELIVERY AND STORAGE OF EQUIPMENT.
- FOLLOWING FINAL FIXTURES INSTALLATION THE GENERAL CONTRACTOR SHALL CLEAN-UP AND DISPOSE OF ALL TRASH, CARTONS, CREATES, DEBRIS, ETC.
- GENERAL CONTRACTOR TO REPLACE ALL HVAC FILTERS ONCE CONSTRUCTION IS COMPLETE
- GC MUST LOCATE THE EXISTING MAIN SEWER WASTE LINE PRIOR TO ISSUANCE OF PERMIT. GC TO INCLUDE CAMERA / X-RAY OF SLAB FOR LOCATION OF WASTE LINE WITHIN BID. GC MUST PROVIDE SKETCH TO PLUMBING ENGINEER PRIOR TO PERMIT ISSUANCE. IF RECEIVED AFTER PERMIT ISSUANCE ANY COST TO REVISE PLANS WILL BE BILLED TO THE GENERAL CONTRACTOR.

ABBREVIATION KEY

ABBR.	ABBREVIATION DESCRIPTION
F	FRANCHISEE
EV	EQUIPMENT VENDOR
GC	GENERAL CONTRACTOR
EC	ELECTRICAL CONTRACTOR
PC	PLUMBING CONTRACTOR
CC	CONTRACTOR'S CHOICE
LJ	LOCAL JURISDICTION
SC	SIGN COMPANY
VLL	VERIFY WITH LANDLORD
V	VENDOR
M	MICROS
RTG	RETAIL TECHNOLOGY GROUP
UMI	ULTERIOR MOTIVES INTERNATIONAL
HL	HERMITAGE LIGHTING
MMM	MUZAK (MOOD MEDIA)
C	CINTAS
UC	UTILITY COMPANY
SFS	SEE FINISH SCHEDULE
SPS	SEE PLUMBING SCHEDULE

RESPONSIBILITY MATRIX

NO.	QTY	EQUIPMENT DESCRIPTION	PROVIDER	VENDOR	INSTALLER
GENERAL REQUIREMENTS (DIVISION 1)					
*		BUILDING PERMIT	F	LJ	
		PERMIT FEES	F	LJ	
		UTILITIES	F	UC	
		FIELD VERIFY ALL EXISTING CONDITIONS	GC	GC	
		TEMPORARY FACILITIES	GC	CC	GC
		TRASH REMOVAL / CLEAN UP	GC	CC	GC
CONCRETE (DIVISION 3)					
		SLAB - NEW POUR / EXISTING	GC	CC	GC
		FLOOR/SLAB MOISTURE TEST	GC	CC	GC
METALS, WOOD & PLASTICS (DIVISION 5 & 6)					
		KNEE WALLS	GC	GC	GC
		WALLS / BULKHEADS	GC	CC	GC
		RAILINGS, SUPPORTS, BRACKETS	GC	CC	GC
		STRUCTURAL STEEL, SUPPORTS, BRACES, ETC	GC	CC	GC
		FRAMING / CARPENTRY	GC	CC	GC
		WALL CABINETS	F	EV	EV
		SOLID SURFACE COUNTER TOP	F	EV	EV
		BUTCHER BLOCK COUNTER TOP	F	EV	EV
		MILLWORK SOFFIT	F	EV	EV
THERMAL & MOISTURE PROTECTION (DIVISION 7)					
		ROOF PENETRATIONS	GC	CC	GC
		EXHAUST FAN CURB ON ROOF	GC	CC	GC
DOORS & WINDOWS (DIVISION 8)					
		NEW DOORS, FRAMES & HARDWARE	GC	CC	GC
		NEW GLASS STOREFRONT	GC	CC	GC
FINISHES (DIVISION 9)					
		WALL FINISHES (GYPSUM BOARD & FRP PER PLAN)	GC	CC	GC
		WALL FINISHES (PAINT, TILE, SPECIALTY)	GC	SFS	GC
		CEILING AND SUSPENSION GRID	GC	SFS	GC
		WOOD TRIM / FINISHES	GC	SFS	GC
		FLOORING FINISHES	GC	SFS	GC
		WALL BASE	GC	SFS	GC
		FIRE RATED PENETRATIONS CAULK & SEALANTS	GC	CC	GC
SPECIALTIES (DIVISION 10)					
		SIGNAGE PERMIT (EXTERIOR) & INSTALL	F	SC	SC
		INTERIOR SIGNS	F	EV	EV
		RESTROOM ACCESSORIES	GC	GC	GC
**		FIRE EXTINGUISHERS	GC	GC	GC
EQUIPMENT (DIVISION 11)					
		ALL KITCHEN EQUIPMENT (UNLESS NOTED)	F	EV	EV
		POS SYSTEMS AND MONITORS	F	M	RTG
FURNISHINGS (DIVISION 12)					
		FURNISHINGS (TABLES, CHAIRS, STOOLS)	F	EV	EV
		MARKET PLACE CABINET	F	EV	EV
		MENU BOARDS	F	EV	EV
AG-1		FOOD MONTAGE PHOTO	F	EV	GC
AG-2		DOCK PHOTO	F	EV	GC
AG-3		BEACH HUT PHOTO	F	EV	GC
AG-4		SURF BOARD PHOTO	F	EV	GC
***		WARE WASHING DETERGENT	F	C	C
SPECIAL CONSTRUCTION (DIVISION 13)					
		SURVEILLANCE SYSTEM	F	VLL	V
		SECURITY SYSTEM	F	VLL	V
***		MUSIC/ENTERTAINMENT	F	MMM	V
		FIRE SPRINKLER	GC	VLL	GC
		FIRE ALARM	GC	VLL	GC
MECHANICAL (DIVISION 15)					
		PLUMBING ROUGH-IN DWV & H2O DISTRIBUTION	GC	CC	GC
		RESTROOMS TOILETS AND SINKS	GC	SPS	GC
		WATER HEATER	GC	SPS	GC
		WALK-IN COOLER & FREEZER BOX	F	EV	GC
		NEW HVAC IF APPLICABLE	GC	CC	GC
		MECH CONNECTIONS/DUCT/DIFFUSERS/CONTROLS	GC	CC	GC
		TEST & BALANCE	GC	CC	GC
		PLUMBING CERTS & WATER TESTS	GC	CC	GC
ELECTRICAL (DIVISION 16)					
		ELECTRICAL ROUGH-IN WIRING	GC	CC	GC
		ELECTRICAL PANELS	GC	CC	GC
***		LIGHTING FIXTURES AND CONTROLS	GC	HL	GC
		TELECOMMUNICATIONS	F	UC	UC
		POS WIRING AND INSTALLATION	F	M	RTG

- * PROVIDED BY FRANCHISEE VIA PROJECT COORDINATOR
 ** LOCATION TO BE DETERMINED BY LOCAL FIRE JURISDICTION AUTHORITY
 *** PREFERRED VENDOR

CONSTRUCTION NOTES ARCHITECT'S DESIGN WITHOUT CONSTRUCTION PHASE SERVICES

SINCE DIRECT CONSTRUCTION OBSERVATIONS AND REVIEW OF THE CONTRACTOR'S PERFORMANCE IS NOT INCLUDED AS PART OF THE ARCHITECT'S BASIC SERVICES, IT IS UNDERSTOOD THAT SUCH RESPONSIBILITIES WILL BE ASSUMED BY OTHERS. NDG AVAILS ITSELF TO THE CLIENT, THE CONTRACTOR, AND ANY OTHER PARTIES AS NECESSARY (VIA TELEPHONE, FAX, AND EMAIL) IN ORDER TO ASSIST IN PROVIDING CLARIFICATIONS OR RESOLVING ISSUES AND PROBLEMS THAT MAY ARISE. ALTHOUGH MANY ISSUES CAN BE EASILY ADDRESSED WITHOUT THE ARCHITECT'S INVOLVEMENT, THERE ARE TIMES WHEN PARTICIPATION IS ADVISABLE. DETERMINATION OF WHEN INVOLVEMENT IS APPROPRIATE IS LEFT TO THE PROFESSIONAL DISCRETION OF THE CONTRACTOR. IT IS UNDERSTOOD THAT THE CLIENT AND/OR THE CONTRACTOR ASSUMES ALL RESPONSIBILITY FOR INTERPRETATION OF THE DRAWINGS, AND ANY OTHER SUPPLEMENTAL INFORMATION, AND WHEN THE ARCHITECT IS DENIED THE OPPORTUNITY TO PROVIDE CLARIFICATIONS OR PARTICIPATE IN CHANGES TO THE DESIGN OR THE RESOLUTION OF ISSUES OR PROBLEMS, ALL PARTIES WAIVE ANY CLAIMS AGAINST THE ARCHITECT THAT MAY BE IN ANY WAY CONNECTED THERETO. NDG IS HELD HARMLESS FROM LOSS, CLAIM, OR COSTS ARISING OR RESULTING FROM MODIFICATIONS OR CHANGES MADE TO THE DESIGN (WITHOUT THE KNOWLEDGE OF THE ARCHITECT) DUE TO CONDITIONS OR CIRCUMSTANCES (ANTICIPATED OR NOT) BEYOND THE ARCHITECT'S CONTROL.

MECHANICAL, PLUMBING AND ELECTRICAL NOTES

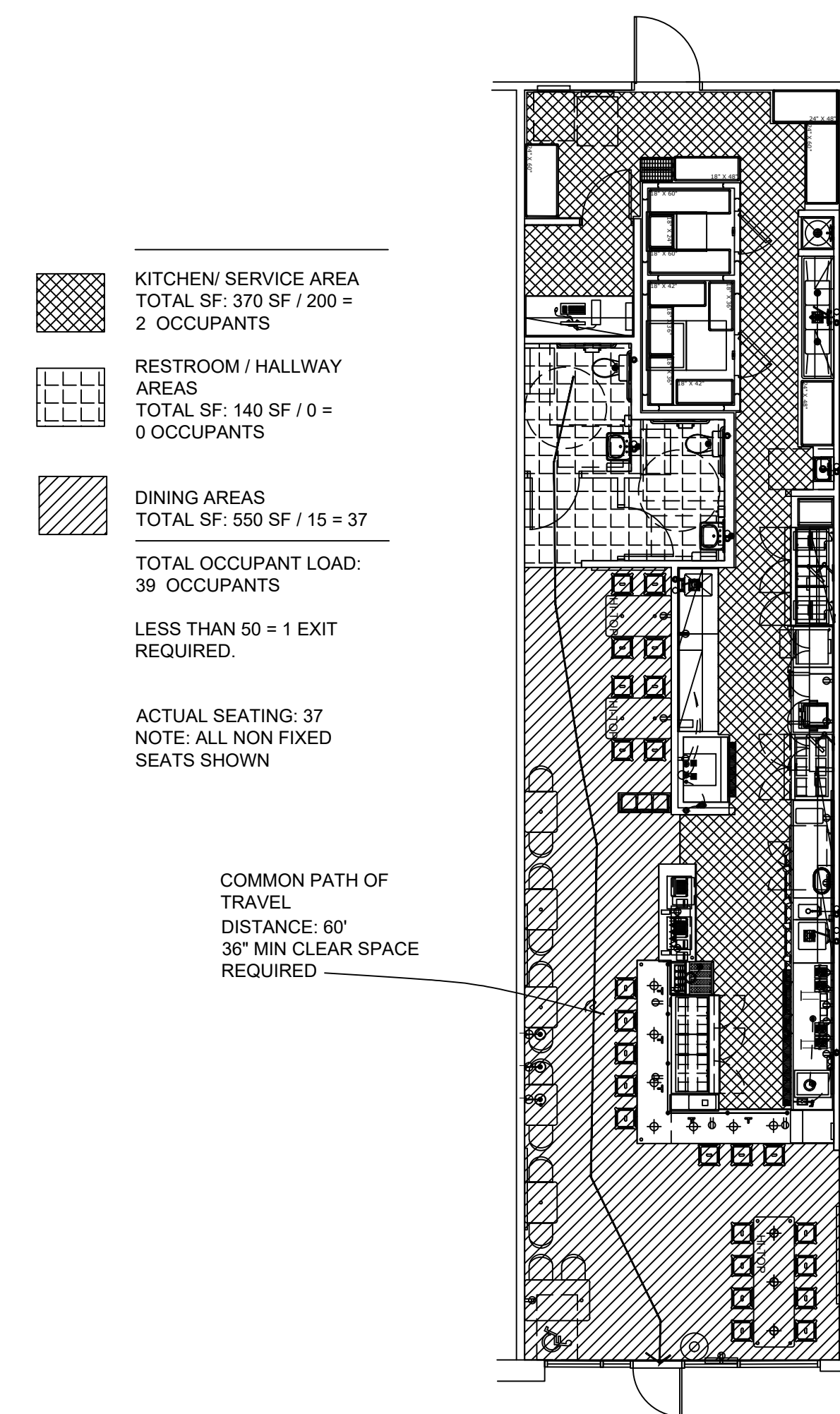
- THE RELATIONSHIP BETWEEN FLOOR SINKS AND NEW WALLS IS CRITICAL TO THE FINAL FIXTURE / EQUIPMENT LAYOUT. FLOOR SINKS AS SHOWN ON THE PLUMBING PLANS ARE DIMENSIONALLY LOCATED OFF OF NEW PARTITIONS, AND THEREFORE THE CONTRACTOR MUST COMPLETE PLAN LAYOUT ON SLAB PRIOR TO FINAL LOCATION OF FLOOR SINKS FOR ACCURATE FINAL PLACEMENT.

G.C. COMPLIANCE:

OWNER'S GENERAL CONTRACTOR SHALL VISIT THE PREMISES AND VERIFY ALL EXISTING CONDITIONS PRIOR TO START OF CONSTRUCTION AND SHALL REPORT ALL DISCREPANCIES TO TENANT'S ARCHITECT. TENANT'S GENERAL CONTRACTOR SHALL CONFORM TO ALL REQUIREMENTS REGARDING CONSTRUCTION PROCEDURES, INSURANCE, ETC., AS SET FORTH BY THE LANDLORD.

G.C. COMPLIANCE:

OWNER'S SIGNAGE CONTRACTOR SHALL PREPARE SIGNAGE SHOP DRAWINGS AND SUBMIT TO BUILDING DEPT. & LANDLORD FOR APPROVAL. ALL SIGNAGE IS UNDER SEPARATE PERMIT.



EGRESS / OCCUPANCY PLAN

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

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Architect

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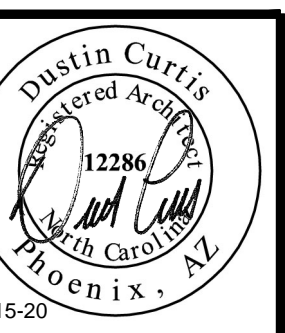
tropical CAFE
SMOOTHIE
eat better. feel better.

TSC: NC-079

REVISION

- 1
- 2
- 3

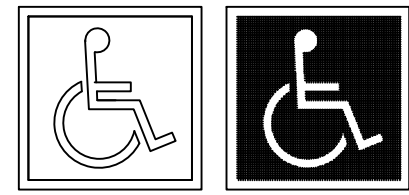
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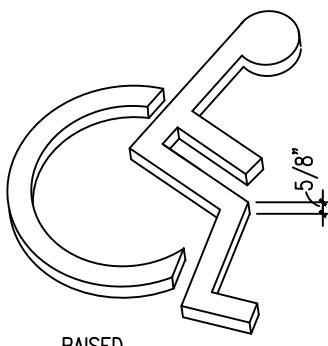
12-15-20

SCHEDULE
EGRESS PLAN

A1.1



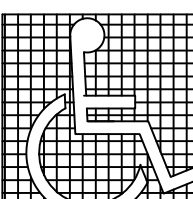
INTERNATIONAL ACCESSIBILITY SYMBOL



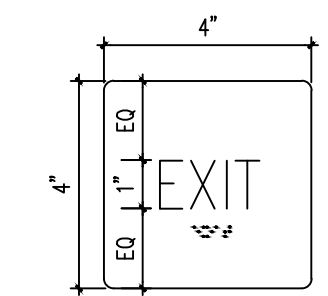
RAISED



UNISEX RESTROOM



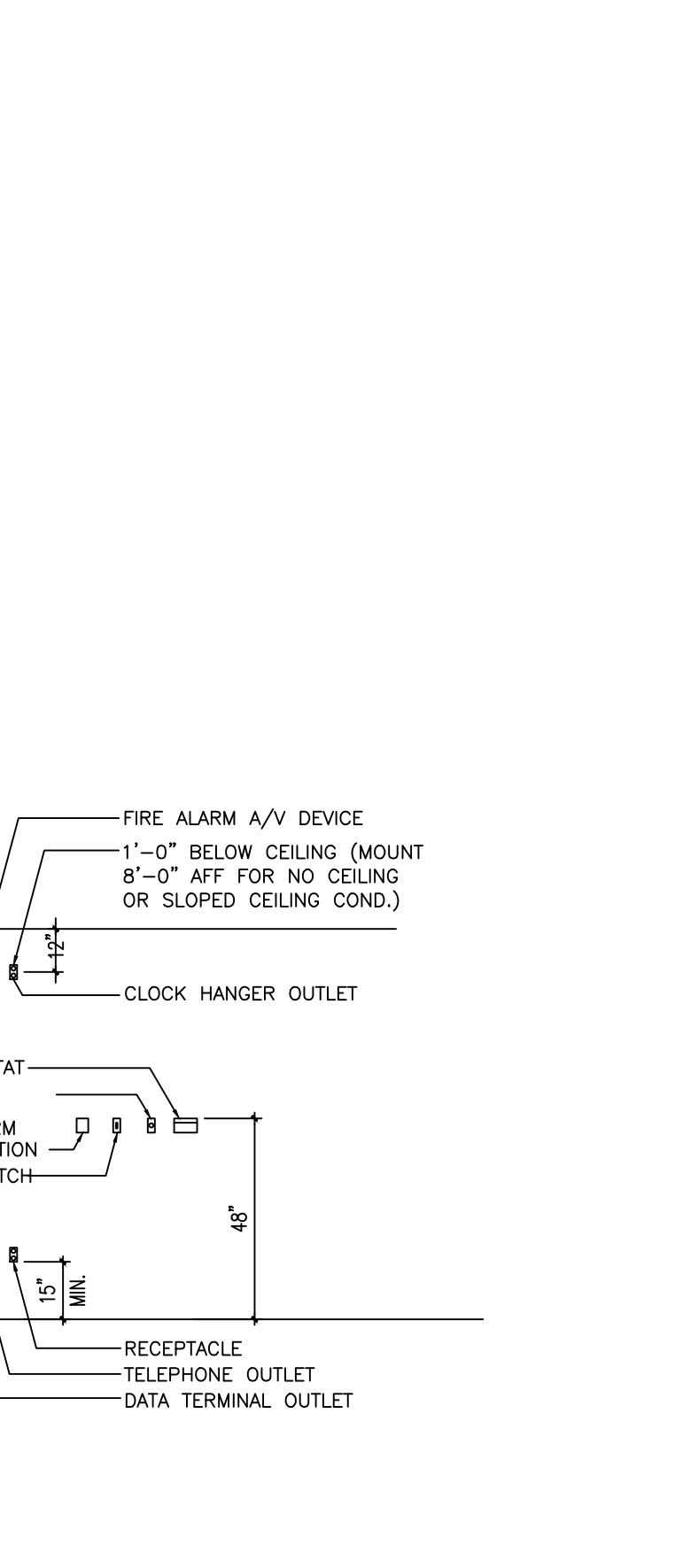
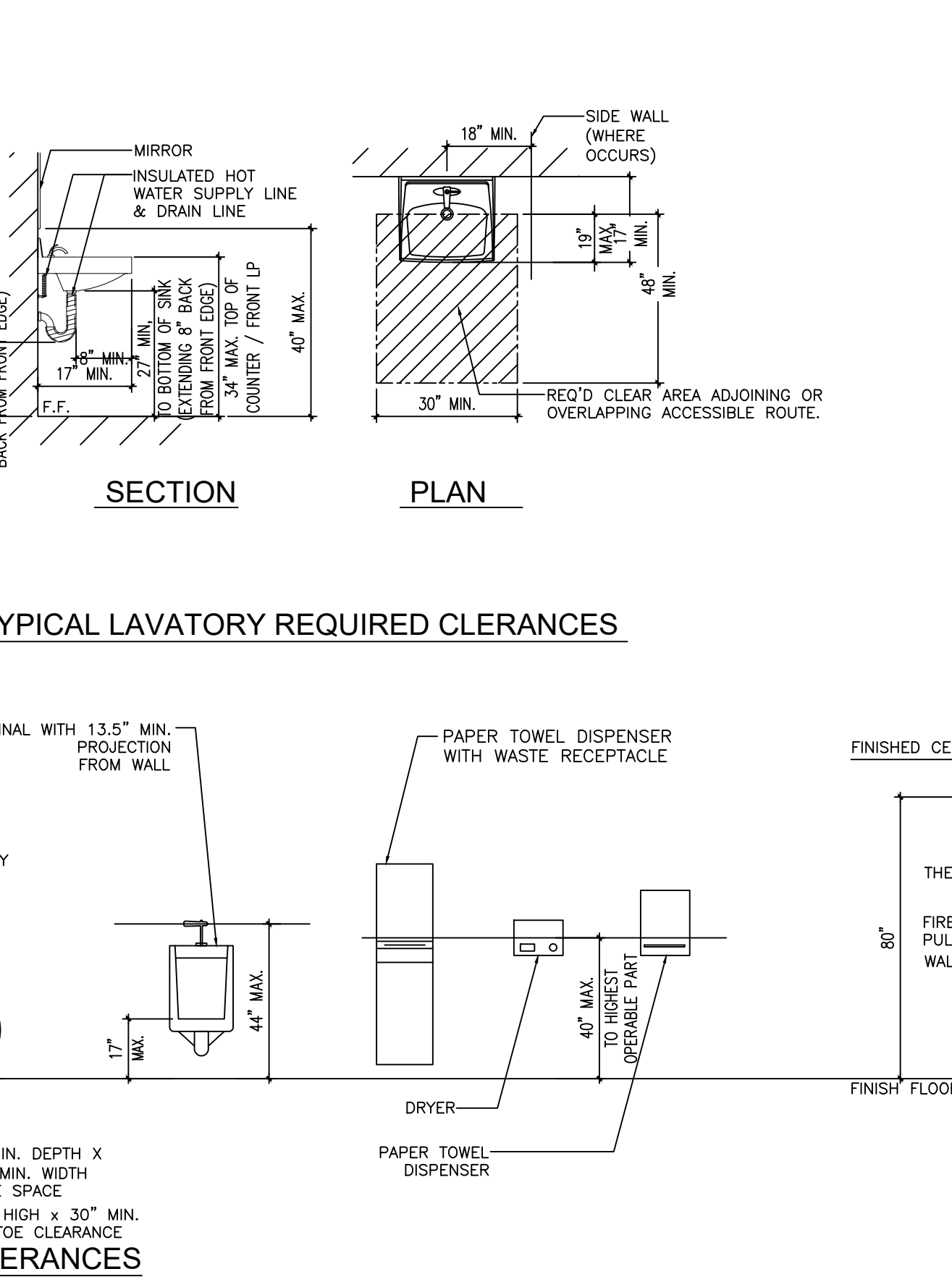
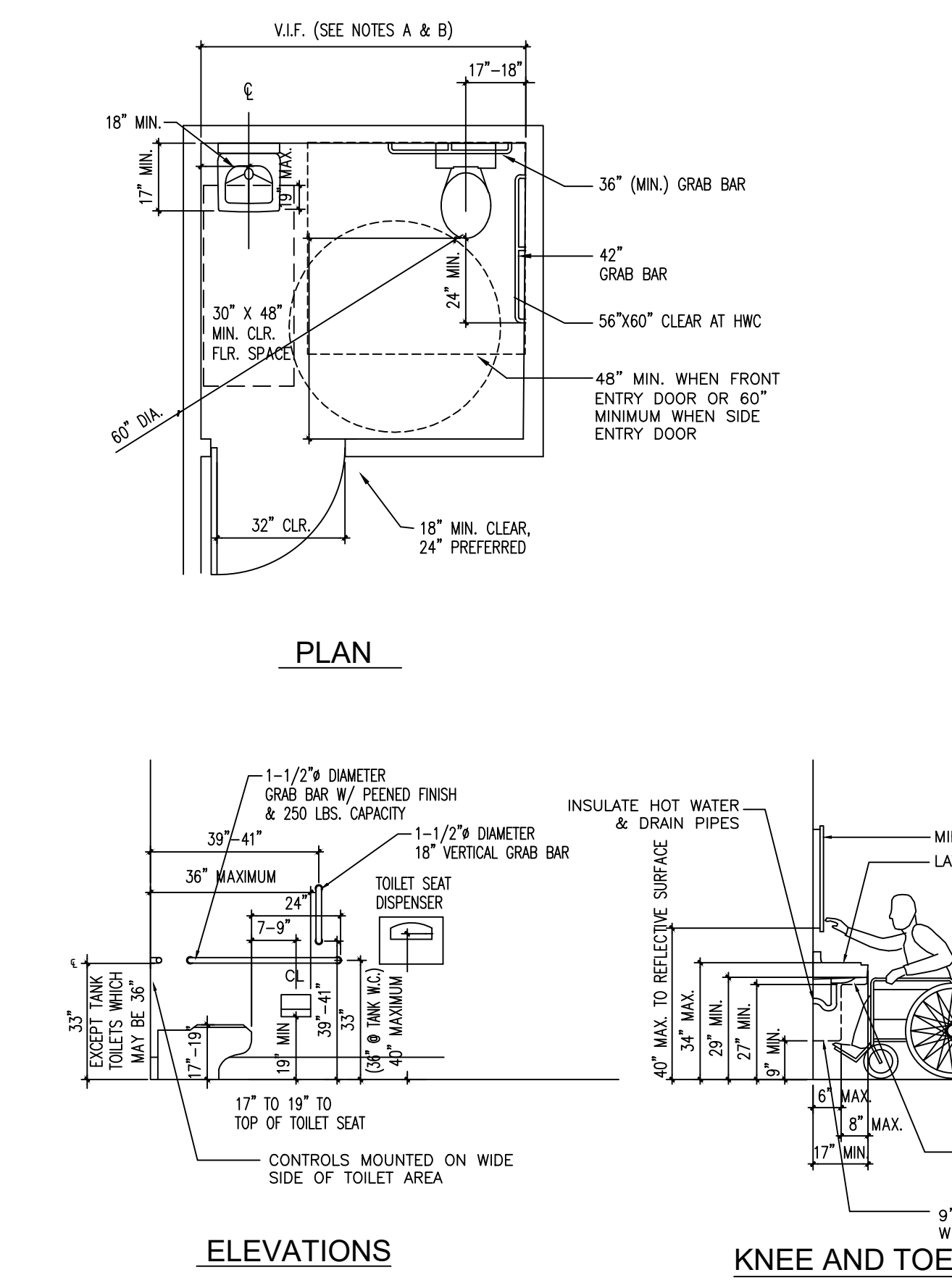
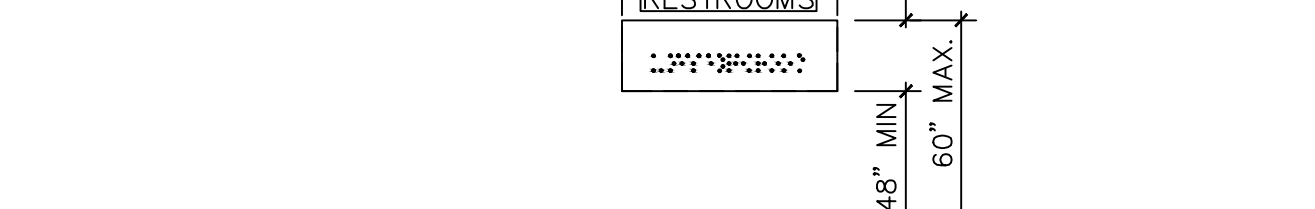
PROPORTIONS INTERNATIONAL SIGN OF ACCESSIBILITY



EXIT

- LETTERS AND NUMBERS:**
- LETTERS AND NUMBERS ON SIGNS SHALL BE RAISED 1/32" MINIMUM AND SHALL BE SANS-SERIF UPPERCASE CHARACTERS ACCOMPANIED BY GRADE 2 BRAILLE.
 - RAISED CHARACTERS OR SYMBOLS SHALL BE A MINIMUM OF 5/8" HIGH.
 - PICTORIAL SYMBOL SIGNS (PICTOGRAMS) SHALL BE ACCOMPANIED BY THE EQUIVALENT VERBAL DESCRIPTION PLACED DIRECTLY BELOW THE PICTOGRAM. THE BORDER DIMENSION OF THE PICTOGRAM SHALL BE A MINIMUM OF 6" IN HEIGHT.
 - CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND, EITHER LIGHT CHARACTERS ON A DARK BACKGROUND OR DARK CHARACTERS ON A LIGHT BACKGROUND.
 - CHARACTER HEIGHT MEASURED VERTICALLY FROM THE BASELINE OF THE CHARACTER SHALL BE 5/8" MINIMUM AND 2" MAXIMUM BASED ON THE HEIGHT OF UPPERCASE "T".
 - CONTRACTED GRADE 2 BRAILLE SHALL BE USED WHEREVER BRAILLE SYMBOLS ARE SPECIFICALLY REQUIRED IN OTHER PORTIONS OF THESE REGULATIONS. DOTS SHALL BE 1/10" ON CENTERS IN EACH CELL WITH 2/10" SPACE BETWEEN CELLS. DOTS SHALL BE RAISED A MINIMUM OF 1/40" ABOVE THE BACKGROUND.
- SIGN LOCATIONS:**
- ALL BUILDING ENTRANCES THAT ARE ACCESSIBLE TO AND USABLE BY PERSONS WITH DISABILITIES AND AT EVERY MAJOR JUNCTION ALONG OR LEADING TO AN ACCESSIBLE ROUTE OF TRAVEL SHALL BE IDENTIFIED WITH A SIGN DISPLAYING THE INTERNATIONAL SYMBOL OF ACCESSIBILITY AND WITH ADDITIONAL DIRECTIONAL SIGNS, AS REQUIRED, TO BE VISIBLE TO PERSONS ALONG APPROACHING PEDESTRIAN WAYS.
 - WHEN PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, RAISED LETTERS SHALL BE PROVIDED AND SHALL BE ACCOMPANIED BY BRAILLE IN CONFORMANCE WITH SECTION 1117B.5.6. SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH OUTSIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE, INCLUDING AT LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL, PREFERABLY ON THE RIGHT. MOUNTING HEIGHT SHALL BE 60" ABOVE THE FINISH FLOOR TO THE CENTERLINE OF THE SIGN. MOUNTING LOCATION SHALL BE DETERMINED SO THAT THE PERSON MAY APPROACH WITHIN 3" OF THE SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF A DOOR.
 - ADDITIONAL DIRECTIONAL SIGNS ALONG ACCESSIBLE PATH OF TRAVEL ARE REQUIRED.
 - BUILDINGS REMODELED TO PROVIDE ACCESSIBLE SANITARY FACILITIES FOR PUBLIC USE SHALL HAVE INFORMATION POSTED IN THE LOBBY AS PART OF THE BUILDING DIRECTORY.
- INTERNATIONAL SYMBOL OF ACCESSIBILITY:**
- STANDARD USED TO IDENTIFY ACCESSIBLE FACILITIES.
 - WHITE FIGURE ON BLUE BACKGROUND, COLOR # 15090 ON FEDERAL STANDARD # 595A.
 - WHEN ENFORCING AGENCY DETERMINES, IF APPROPRIATE, SPECIAL DESIGNS AND COLORS MAY BE APPROVED.
 - BRaille:
 - USE CONTRASTED GRADE 2 BRAILLE. DOTS TO BE 0.1 INCH ON CENTER IN EACH CELL.
 - 0.2 INCH SPACE BETWEEN CELLS.
 - DOTS RAISED MINIMUM 0.025 INCH ABOVE BACKGROUND.

- TACTILE SIGNAGE**
- WHEN SIGNS IDENTIFY A PERMANENT ROOM OR SPACE OF A BUILDING OR SITE, OR WHEN SIGNS DIRECT OR GIVE INFORMATION ABOUT A PERMANENT ROOM OR SPACE OF A BUILDING OR SITE, CORRESPONDING TACTILE SIGNAGE SHALL BE INSTALLED.
 - WHEN SIGNS IDENTIFY, OR GIVE INFORMATION ABOUT ACCESSIBLE ELEMENTS AND FEATURE OF A BUILDING OR SITE, THEY SHALL INCLUDE THE APPROPRIATE SYMBOL OF ACCESSIBILITY OR PICTOGRAM, WITH THE EQUIVALENT VISUAL AND TACTILE DESCRIPTION PLACED DIRECTLY BELOW THE PICTOGRAM. THE OUTSIDE BORDER OF THE PICTOGRAM SHALL BE MINIMUM 6" IN HEIGHT.
 - VISUAL CHARACTERS SHALL BE UPPERCASE, STANDARD SANS SERIF FONT. THE HEIGHT OF VISUAL CHARACTERS SHALL BE A MINIMUM 5/8" PLUS 1/8" PER FOOT OF VIEWING DISTANCE OVER SIX FEET. CHARACTER WIDTH SHALL BE 55% MINIMUM AND 110% MAXIMUM OF THE HEIGHT OF THE CHARACTER. CHARACTER STROKE WIDTH OF VISUAL ONLY CHARACTERS SHALL BE A MINIMUM OF 10% OF THE CHARACTER HEIGHT, AND A MAXIMUM OF 30%. TACTILE SIGNAGE DUPLICATING THE INFORMATION SHALL BE PROVIDED, EITHER AS PART OF THE VISUAL SIGN OR A SEPARATE TACTILE SIGN PROVIDED.
 - TACTILE CHARACTERS SHALL BE UPPERCASE, STANDARD SANS SERIF FONT, RAISED 1/32" OFF THE BACKGROUND. THE HEIGHT OF TACTILE CHARACTERS SHALL BE BETWEEN 5/8" AND 2" CHARACTER WIDTH SHALL BE 55% MINIMUM AND 110% MAXIMUM OF THE HEIGHT OF THE CHARACTER. CHARACTER STROKE WIDTH SHALL BE A MINIMUM OF 10% OF THE CHARACTER HEIGHT, AND A MAXIMUM OF 15%. CHARACTERS SHALL BE ACCOMPANIED BY GRADE 2 BRAILLE.
 - GRADE 2 BRAILLE SHALL HAVE DOMED OR ROUNDED DOTS RAISED 1/40" OFF THE BACKGROUND, WITH DOTS SPACED 1/10" WITH-IN CELLS, AND 1/4" BETWEEN CELLS. (OR SPACED PER ANSI TABLE 703.5)
 - TACTILE SIGNS SHALL BE MOUNTED 48" MINIMUM, AND 60" MAXIMUM ABOVE THE FLOOR TO THE CENTERLINE OF THE SIGN. AN 18" X 18" CLEAR SPACE IS REQUIRED IN FRONT OF THE TACTILE SIGN, BEYOND THE ARC OF ANY DOOR SWING. WHERE SIGNS ARE MOUNTED AT DOORS, THE SIGN SHALL BE ON THE LATCH SIDE OF THE DOOR, WHERE SIGNS ARE MOUNTED AT DOUBLE DOORS, OR WHERE THERE IS NO WALL SPACE, THE SIGN SHALL BE MOUNTED ON THE NEAREST ADJACENT WALL, PREFERABLY THE RIGHT SIDE.
 - CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND. CHARACTERS, SYMBOLS AND BACKGROUNDS SHALL HAVE A NON-GLARE FINISH.



1 SIGNS PICTOGRAMS

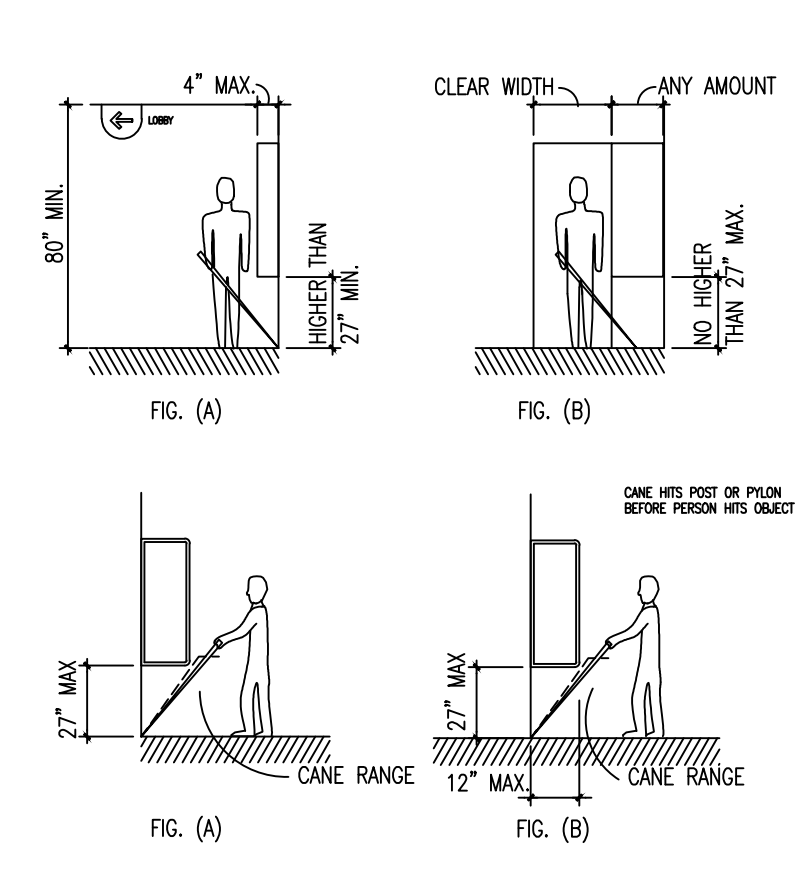
SCALE N.T.S.

2 TACTILE SIGNAGE

SCALE N.T.S.

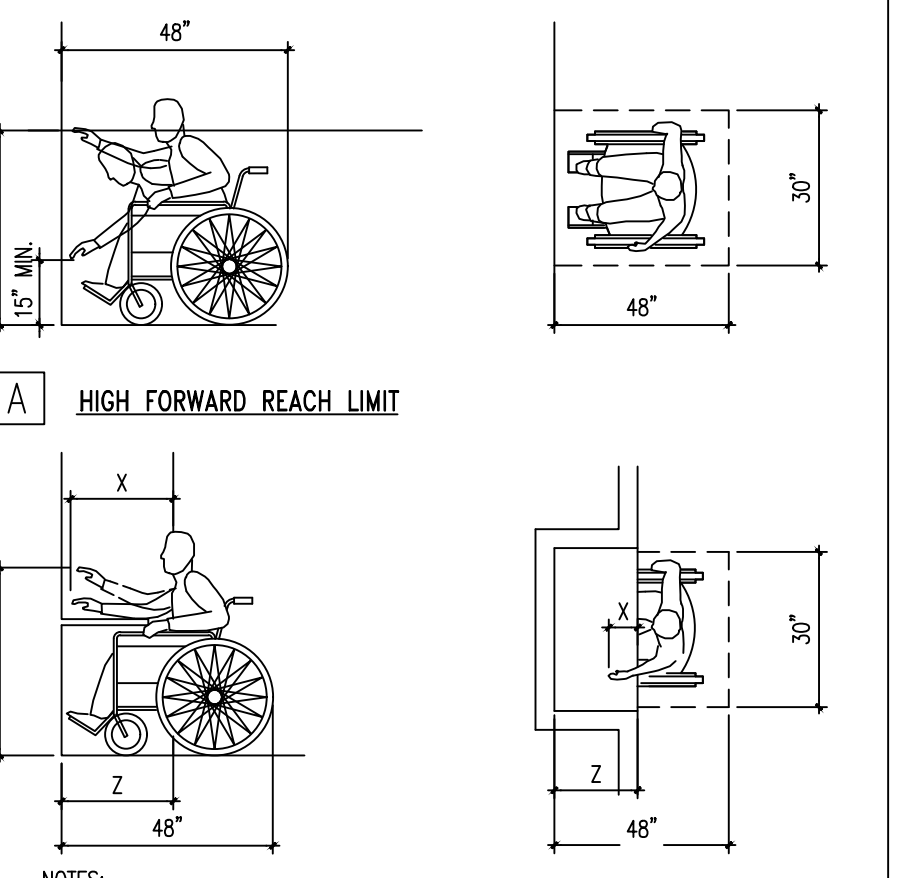
3 RESTROOM CLEARANCES

SCALE N.T.S.



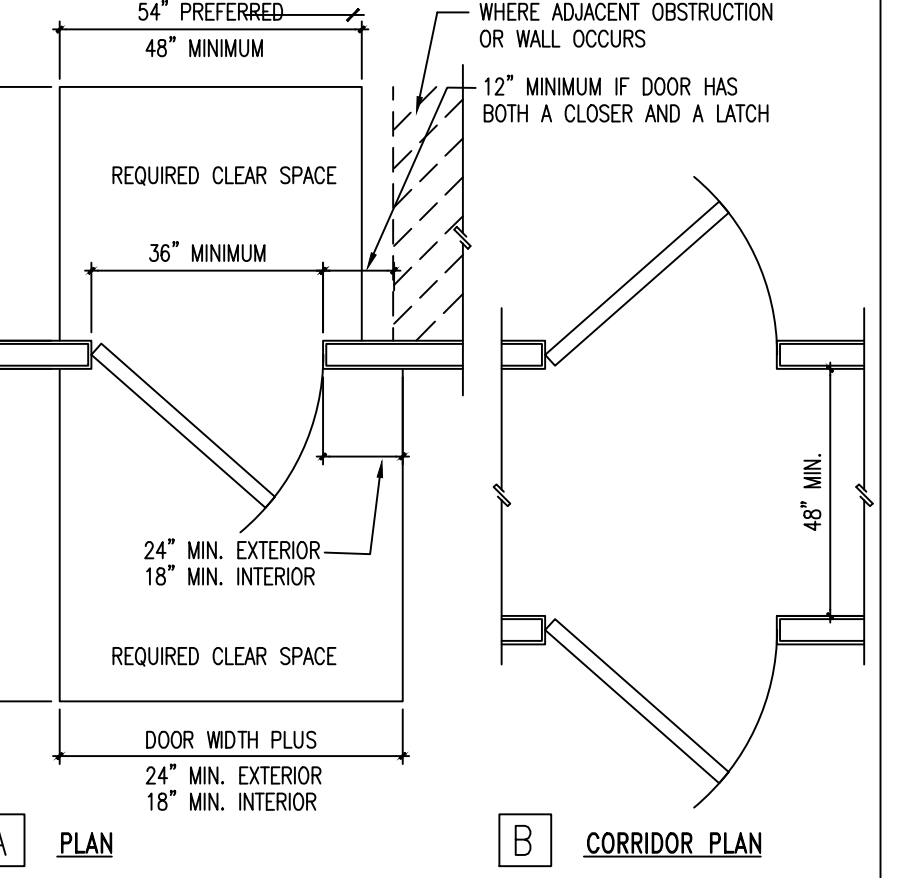
4 PROTRUDING OBJECTS

SCALE N.T.S.



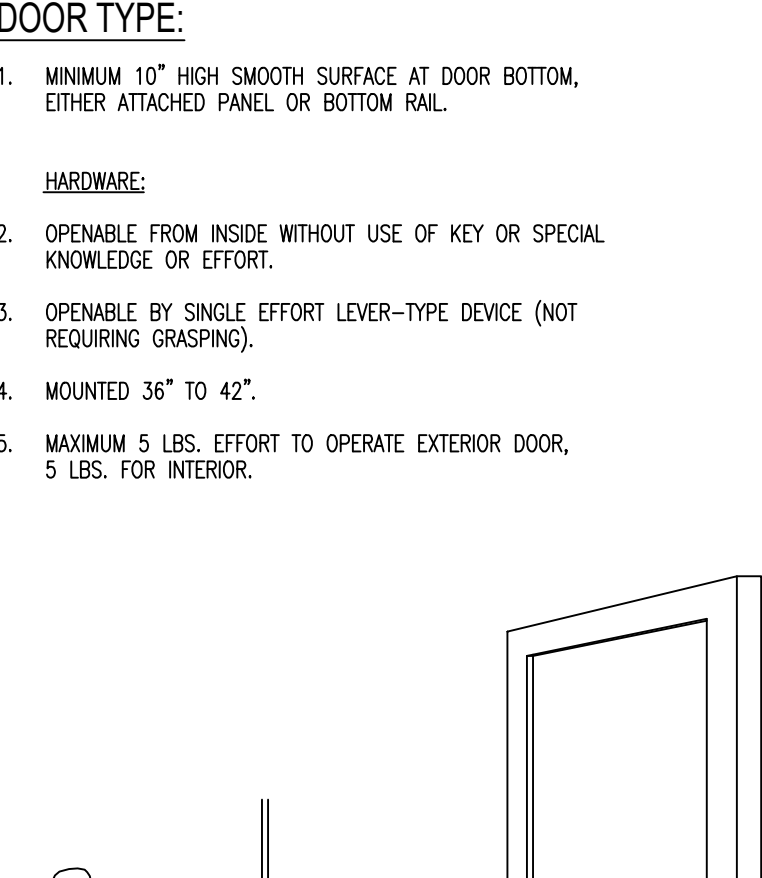
6 REACH REQUIREMENTS

SCALE N.T.S.



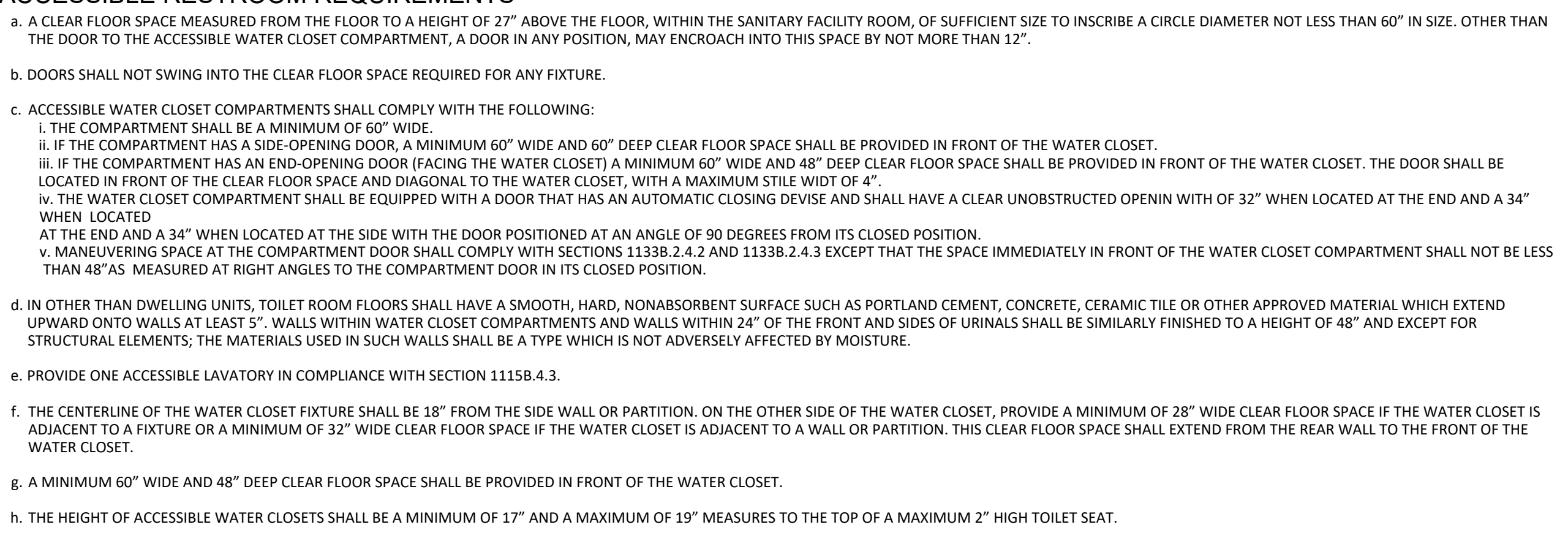
7 DOOR CLEAR SPACE

SCALE N.T.S.



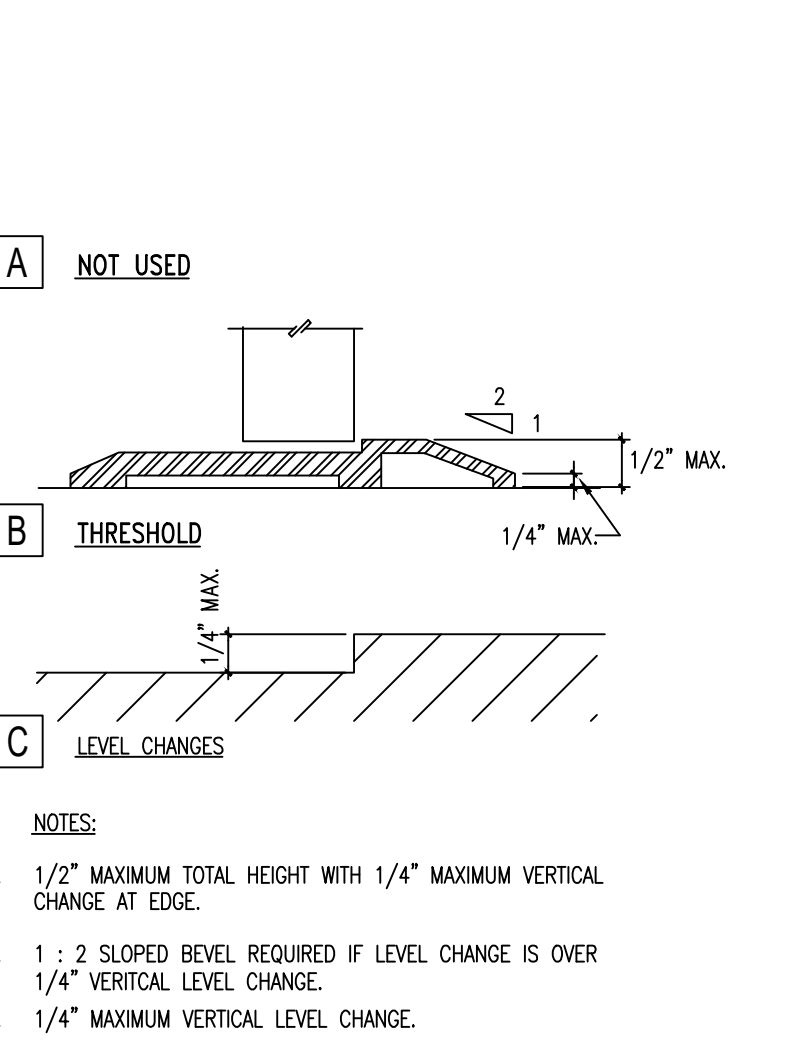
8 DOOR

SCALE N.T.S.



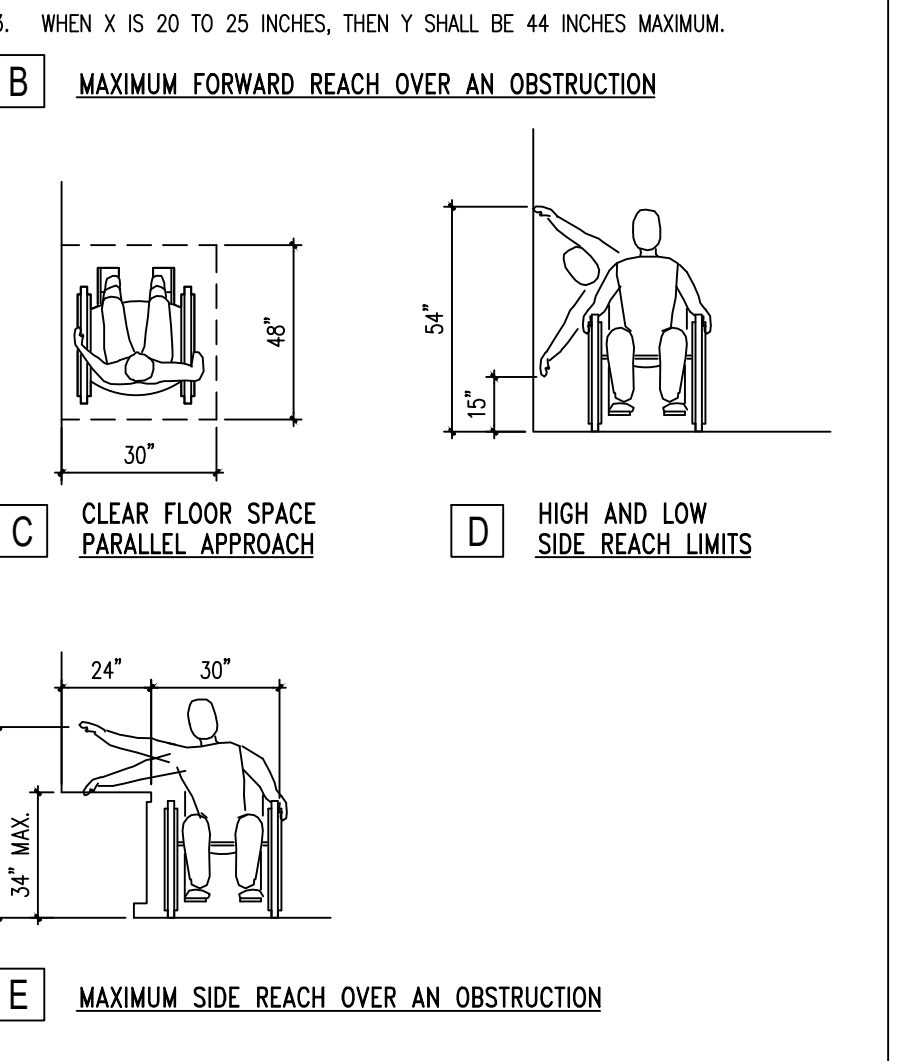
9 ACCESSIBLE ENTRY SIGNAGE AND NOTES

SCALE N.T.S.



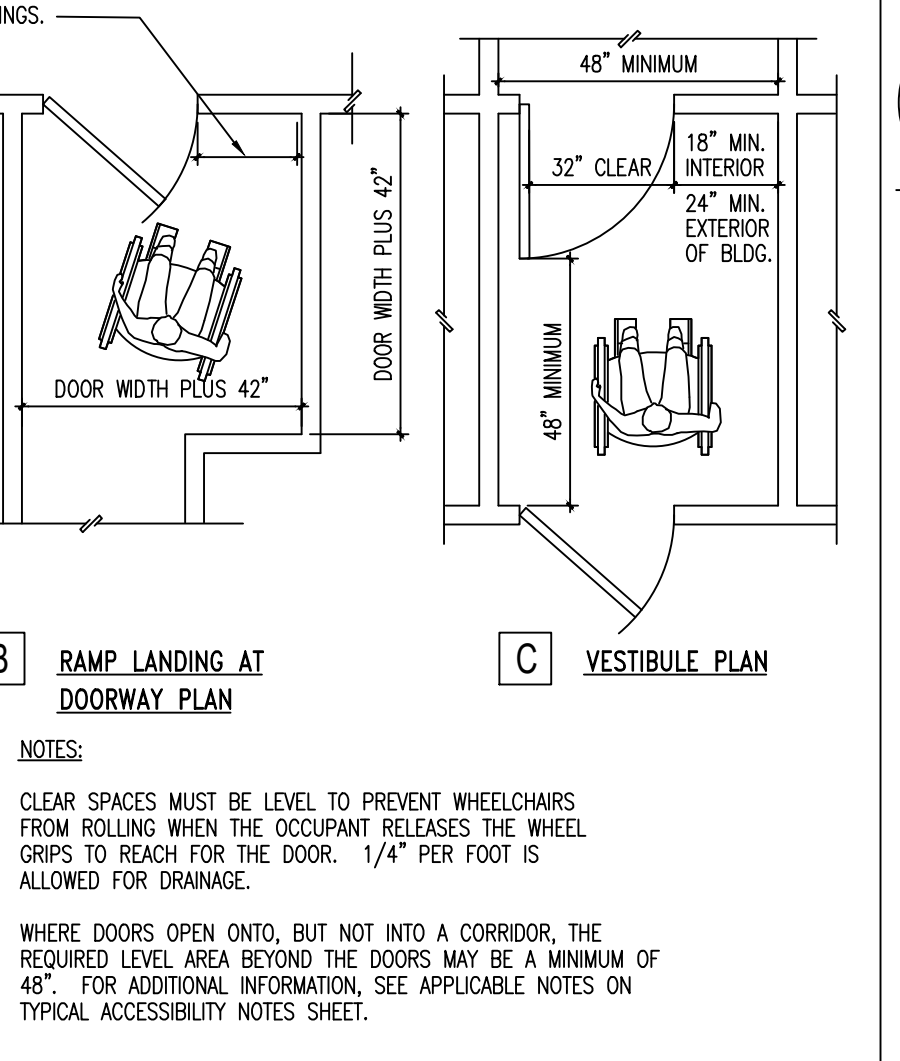
5 THRESHOLD LEVEL CHANGES

SCALE N.T.S.



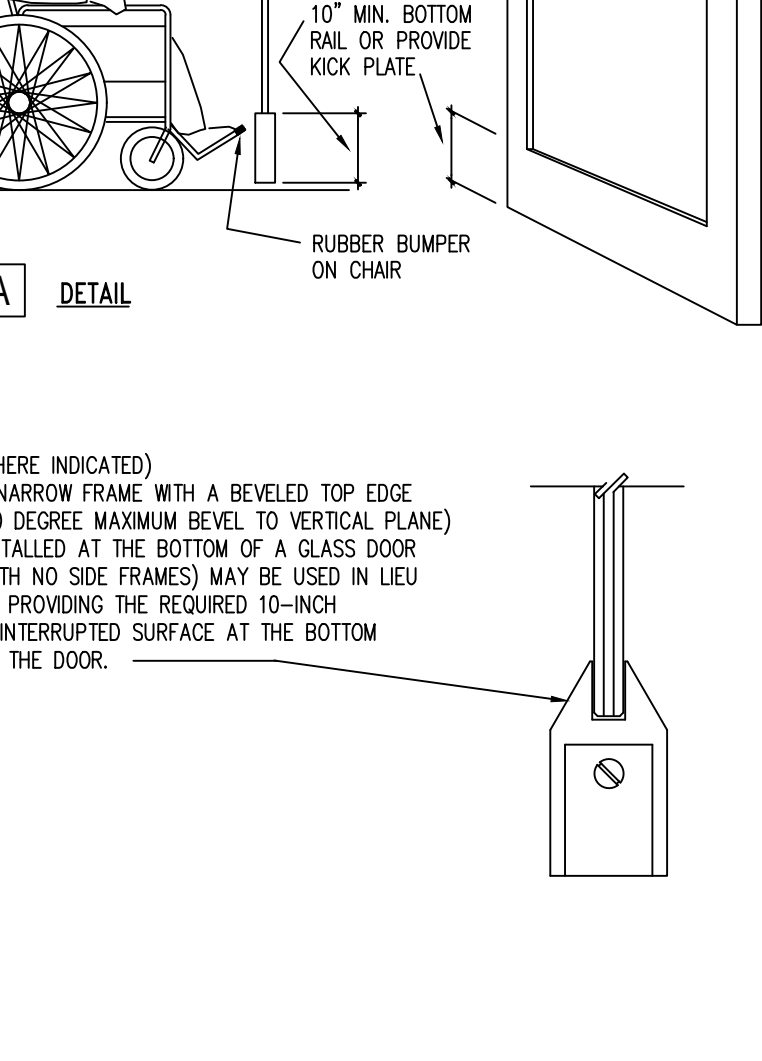
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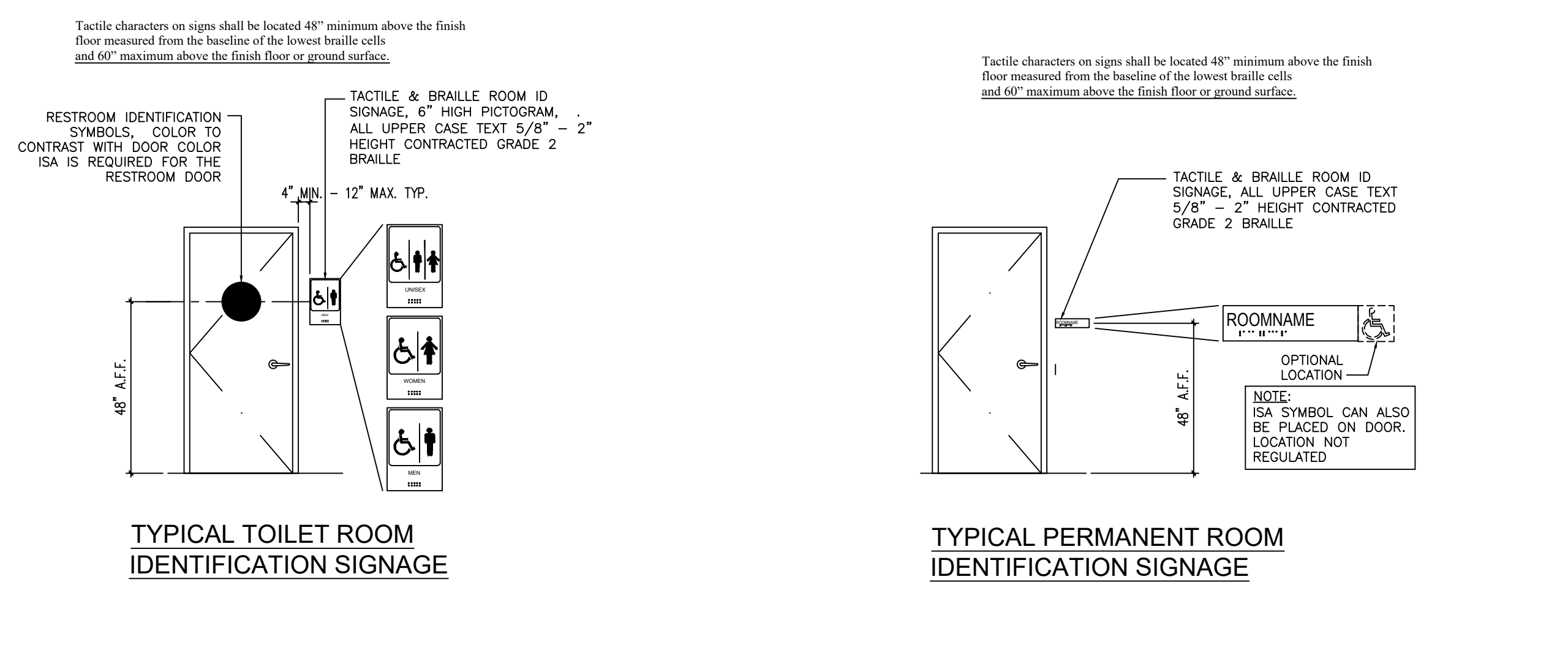
8 DOOR

SCALE N.T.S.



8 DOOR

SCALE N.T.S.



9 ACCESSIBLE ENTRY SIGNAGE AND NOTES

SCALE N.T.S.

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DATE: 03.05.2020

Dustin Curtis
12286
Phoenix, AZ
12-15-20

ADA DETAILS

A1.2

GENERAL DEMO NOTES NOTE: NOT ALL APPLY

1. GENERAL CONTRACTOR SHALL FURNISH ALL LABOR MATERIALS, TOOLS, EQUIPMENT, TRANSPORTATION, INSURANCE, PROTECTION AND OTHER RELATED SERVICE REQUIRED TO COMPLETE ALL DEMOLITION WORK FOR THE TENANT IMPROVEMENTS.
2. GENERAL CONTRACTOR TO COORDINATE WITH TENANT, PHASING AND/OR TIMING OF COMMENCEMENT, CONTINUATION AND COMPLETION OF ALL DEMOLITION WORK.
3. GENERAL CONTRACTOR SHALL COORDINATE WITH LANDLORD, ANY WORK AFFECTING THE CONTINUITY OF UTILITIES SERVICING OTHER TENANTS ON THE PROPERTY. GENERAL CONTRACTOR SHALL PROTECT ALL UTILITIES SERVING OTHER TENANTS, PEOPLE AND EXISTING AND/OR ADJACENT CONSTRUCTION AND OTHER AREAS FROM DAMAGE INCIDENTAL TO CONSTRUCTION OPERATIONS WITH CONSTRUCTION BARRICADES IN ACCORDANCE WITH CODES AND ORDINANCES OF THE CITY OF WESTMINSTER, CA.
4. GENERAL CONTRACTOR SHALL REPAIR OR RESTORE TO EXISTING CONDITION ADJACENT CONSTRUCTION AND PUBLIC OR PRIVATE PROPERTY DAMAGED BY DEMOLITION WORK.
5. MATERIAL SHALL NOT BE DROPPED BY GRAVITY OR THROWN OUTSIDE THE CONTRACT AREA DURING DEMOLITION. ANY MATERIAL, WHICH IN ITS REMOVAL WILL CAUSE AN EXCESSIVE AMOUNT OF DUST, SHALL BE WETTED DOWN TO PREVENT THE CREATING OF A NUISANCE.
6. ALL PARTS OF THE CONTRACT AREA UNDER DEMOLITION SHALL BE ADEQUATELY LIGHTED WHILE PERSONS ARE ENGAGED AT WORK.
7. RUBBISH AND TRASH SHALL BE REMOVED AS OFTEN AS CONDITIONS WARRANT. COMBUSTIBLE RUBBISH, SHALL BE REMOVED DAILY, AND SHALL NOT BE DISPOSED OF BY BURNING ON THE PREMISES.
8. GENERAL CONTRACTOR SHALL NOTIFY THE ARCHITECT OF ANY DISCREPANCIES OR HIDDEN CONDITIONS AFFECTING DEMOLITION OF PROPOSED WORK.
9. GENERAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL SUB-TRADES WITH COMPLETE AND CURRENT DOCUMENTS.
10. UPON COMPLETION OF DEMOLITION, THE LEASED PREMISES AND ADJACENT PUBLIC AND PRIVATE PROPERTY SHALL BE LEFT CLEAN AND CLEAR OF DEBRIS.
11. VERIFY WITH ARCHITECTURAL DOCUMENTS ALL AREAS TO BE MODIFIED.
12. ALL AREAS OF MODIFICATION OR DEMOLITION, WHICH ARE INCORPORATED INTO THE NEW FACILITY, ARE TO BE PATCHED, REPAIRED, OR ADJUSTED TO AN ACCEPTABLE CONDITION.
13. CONTRACTOR SHALL PROVIDE A PORTABLE FIRE EXTINGUISHER WITH A RATING OF NOT LESS THAN 2A OR 2A10BC WITHIN 75' TRAVEL DISTANCE OF ALL PORTIONS OF THE BUILDING DURING THE DEMOLITION AND CONSTRUCTION.
14. GENERAL CONTRACTOR SHALL VERIFY ALL ON SITE CONDITIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES OR OMISSIONS PRIOR TO DEMOLITION AND CONSTRUCTION.
15. PATCH ALL CONCRETE SLABS AS REQUIRED DUE TO MODIFICATIONS.
16. PROVIDE SECURITY ENCLOSURE AT ALL REMOVED DOORS OR WALLS AS REQUIRED.
17. NOTIFY BUILDING MANAGEMENT AND FIRE ALARM COMPANY OF DEMOLITION OR CONSTRUCTION WORK. FIRE ALARM SYSTEM, (IE: EXITING) IS TO REMAIN ACTIVATED AT ALL TIMES.
18. COORDINATE REMOVAL OF ALL FINISHES OF WITH BUILDING OWNER PRIOR TO START OF DEMOLITION (IF APPLICABLE).
19. EXISTING FIRE SPRINKLER SYSTEM TO REMAIN.
20. EXISTING PLUMBING LINES FOR FLOORS ABOVE TO REMAIN (IF APPLICABLE).
21. ANY EXISTING SPRAY-APPLIED FIRE PROOFING FOUND FLOOR DECK ABOVE TO REMAIN (IF APPLICABLE).

ELECTRICAL DEMOLITION GENERAL NOTES.

22. ELECTRICAL CONTRACTOR SHALL VISIT AND EXAMINE THE SITE PRIOR TO CONSTRUCTION TO ASCERTAIN THE EXISTING CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
23. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PROTECT AND RETAIN POWER TO ALL EXISTING ACTIVE EQUIPMENT WHICH SHALL REMAIN.
24. ALL REMOVED EQUIPMENT SHALL BE DISPOSED OF BY THIS CONTRACTOR UNLESS DIRECTED TO DO OTHERWISE BY OWNER, TENANT OR ARCHITECT.
25. DISCONNECT, REMOVE, OR RELOCATE ALL EXISTING ELECTRICAL MATERIAL AND EQUIPMENT THAT INTERFERES WITH THE NEW INSTALLATION. THIS INCLUDES BUT IS NOT LIMITED TO LIGHTING FIXTURES, WIRING DEVICES, SIGNAL EQUIPMENT, EXHAUST FANS, ETC.
26. REMOVE ALL CONDUIT WIRE, BOXES, AND FASTENING DEVICES, AS REQUIRED TO AVOID ANY INTERFERENCE WITH THE NEW INSTALLATION. ABANDONED CONDUITS AND ALL WIRING ARE TO BE REMOVED.
27. ELECTRICAL CONTRACTOR SHALL RECONNECT ANY EQUIPMENT BEING DISTURBED BY THE RENOVATION YET REQUIRED FOR CONTINUED SERVICE TO SAME OR NEAREST AVAILABLE PANEL.
28. WHERE WORK BY THE GENERAL CONTRACTOR (WALL REMOVAL, NEW OR RELOCATED WALL OPENINGS, ETC.) RESULTS IN THE REMOVAL, RELOCATION OR RE-FEEDING OF ELECTRICAL DEVICES OR LIGHTING FIXTURES, THE ELECTRICAL CONTRACTOR SHALL DISCONNECT OR RECONNECT AS REQUIRED ALL ACTIVE DEVICES REMAINING ON THAT CIRCUIT SYSTEM.
29. ELECTRICAL CONTRACTOR SHALL REMOVE ALL LIGHT FIXTURES, RECEPTACLES, J-BOXES, SWITCHES, CONDUIT, WIRING, ETC. AS INDICATED IN CONSTRUCTION DOCUMENTS.

PLUMBING AND MECHANICAL GENERAL NOTES

30. MECHANICAL CONTRACTOR SHALL VISIT THE SITE DURING BIDDING PHASE TO VERIFY ALL EXISTING MECHANICAL EQUIPMENT AND COMPARE WITH MECHANICAL PLANS FOR THIS PROJECT
31. PLUMBING CONTRACTOR TO VERIFY EXACT LOCATION AND DEPTH OF WASTE LINE, EXACT LOCATION AND SIZE OF WATERLINE STUBBED TO SPACE AND COMPARE TO PLUMBING PLANS FOR THIS PROJECT.



EXISTING H/C STALLS
EXISTING H/C RAMP
HANDICAP PATH OF TRAVEL: DISTANCE =20'
5% MAX SLOPE IN DIRECTION OF TRAVEL AND 2%
MAX CROSS SLOPE

NOTE: ACCESSIBLE PARKING STALLS AND ACCESS
AISLE TO HAVE MAX SLOPE OF 1:48 IN ANY
DIRECTION

THIS PROJECT
TROPICAL SMOOTHIE CAFE

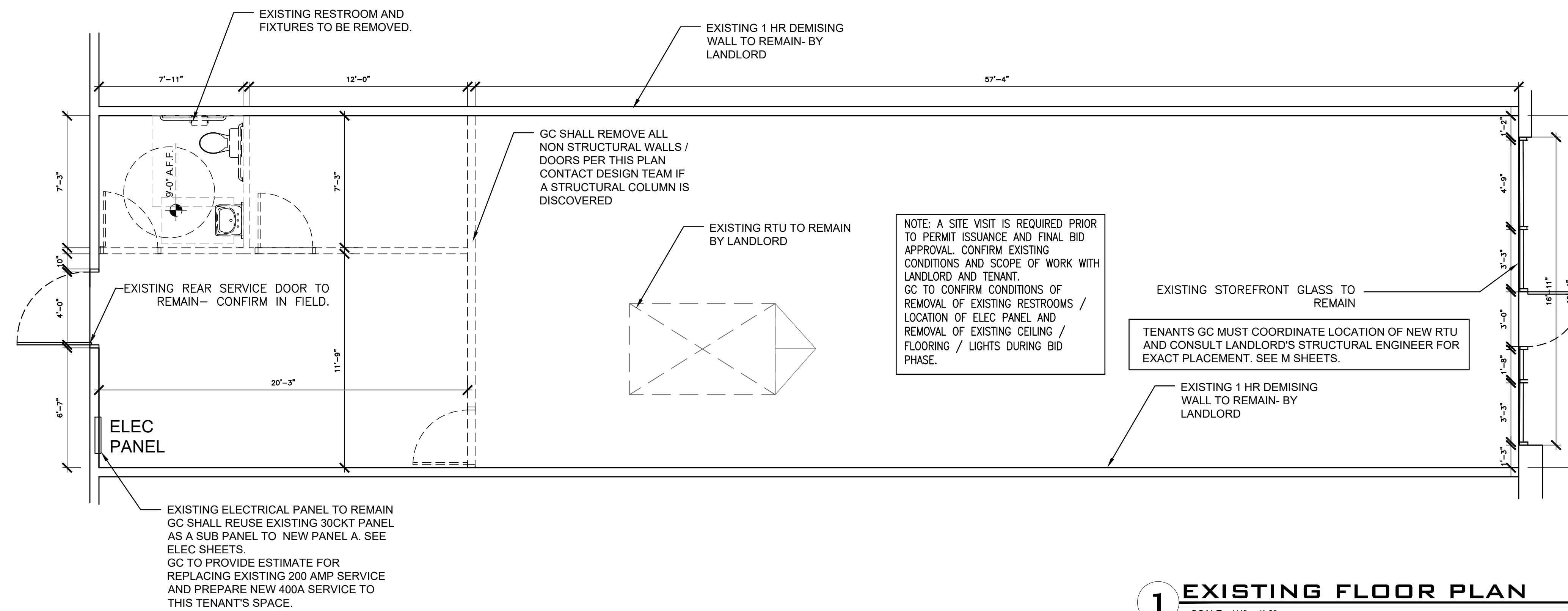
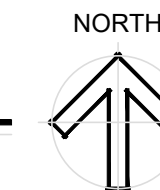
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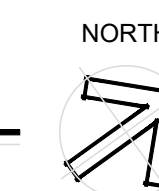
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2 EXISTING SITE PLAN (NO NEW WORK)
SCALE: NTS



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



NOTE:
GC TO PROVIDE CAMERA TEST OR X-RAY OF SLAB TO LOCATE EXISTING WASTE LINES UNDER SLAB. NO SHELL PLANS PROVIDED. CONFIRM WITH P SHEETS AND CONTACT DESIGN TEAM IF MODIFICATIONS ARE NEEDED. CONFIRMATION REQUIRED PRIOR TO ISSUANCE OF PERMIT ISSUANCE.

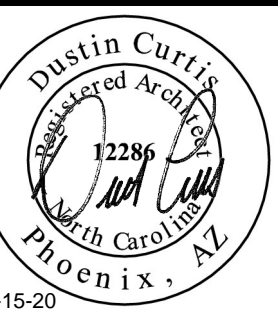
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DATE: 03.05.2020



12-15-20

SITE PLAN
EXISTING PLAN

A1.3

GENERAL NOTES:

- ALL DIMENSIONS ARE FROM FACE OF DRYWALL, UNLESS OTHERWISE NOTED.
- ALL GYPSUM BOARD USED SHALL BE 5/8" TYPE 'X' FIRE TAPED, DEMISING PARTITIONS SHALL BE OF FIRECODE 'X' SHEETROCK, TAPED AND SEALED TO DECK ABOVE.
- ALL PLYWOOD, PLYWOOD BACKING, PARTICLE BOARD, WOOD BLOCKING, AND FRAMING USED SHALL BE FIRE RETARDANT & STAMPED NON-COMBUSTIBLE.
- PLACE AND FINISH ALL NEW MATERIALS SO AS TO PROVIDE A SMOOTH & INTEGRAL TRANSITION TO EXISTING FINISHES & MATERIALS.
- PROVIDE ADDITIONAL FRAMING/BRACING FOR ALL WALL MOUNTED EQUIPMENT. CHECK CUTSHEETS OF ALL EQUIPMENT PRIOR TO INSTALLATION.
- GENERAL CONTRACTOR TO PROVIDE REQUIRED FIRE EXTINGUISHER(S) PER CODE.
- FIRE SPRINKLERS: ADDITIONS & MODIFICATIONS AS REQUIRED BY CODE AND NFPA PAMPHLET #13. SPRINKLER HEADS CENTERED WITHIN CEILING BOARD. SPRINKLER HEADS AT GYPSUM BOARD CEILINGS MUST BE FULLY RECESSED AND COVERED WITH METAL PLATES FINISHED TO MATCH ADJACENT SURFACE. CENTER SPRINKLER HEADS IN CEILING-WHERE APPLICABLE. ANY MODIFICATIONS TO BE DONE BY LANDLORD'S SPECIFIED SPRINKLER CONTRACTOR. ALL COSTS FOR SPRINKLER RE-LOCATION TO CONFORM WITH FIT OUT DESIGN ARE PROVIDED BY TENANT. - WHEN APPLICABLE.
- SEE MECHANICAL AND ELECTRICAL SHEETS FOR ALL FIXTURE SPECIFICATIONS, WIRING, AND POWER REQUIREMENTS. - VERIFY WITH EQ SHEETS.
- NEWLY INSTALLED OR RELOCATED DOORS MUST HAVE LEVER TYPE HARDWARE OR OTHER SHAPE WHICH WILL PERMIT OPERATION BY WRIST OR ARM PRESSURE AND WHICH DOES NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING TO OPERATE. PER WAC 51.20.3103 (A) AND (C).
- ALL DOORS TO PROVIDE 32" MIN. CLEAR OPENING WHEN OPENED TO 90 DEGREE POSITION.
- FLOORS IN FOOD PREPARATION AREA, DISH WASHING AREA, SERVICE AREA, JANITORIAL AREA, STORAGE AREA, AND ANY AREA WHERE FOR EQUIPMENT IS PLACED SHALL BE SMOOTH, EASILY CLEANABLE, WASHABLE, DURABLE, AND OF COMMERCIAL GRADE MATERIAL AND SHALL HAVE A MINIMUM 3/8" RADIUS INTEGRAL COVE BASE EXTENDING AT LEAST 4" UP THE WALL. GROUT SPACING FOR TILE SHALL NOT EXCEED 1/4" AND SHALL BE SEALED.
- TENANT'S GC TO COMPLETE SITE VISIT AND VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS - GC TO REVIEW TENANT'S LEASE DURING BID PROCESS TO DETERMINE RESPONSIBILITIES.
- FLOOR SINKS SHALL BE INSTALLED FLUSH WITH THE FLOOR SURFACE AND BE LOCATED SO AS TO BE READILY ACCESSIBLE FOR CLEANING AND REPAIR.
- SUPPORT WIRING FOR LAY-IN CEILING SHALL NOT BE ATTACHED TO ANY OF THE LANDLORD'S MECH, ELEC, PLUMB, OR FIRE PROTECTION PIPING OR EQUIPMENT.
- ALL EXITS SHALL BE OPERABLE FROM INTERIOR OF BUILDING WITHOUT THE USE OF A KEY OR SPECIAL KNOWLEDGE OR EFFORT.

WALL LEGEND:

- EXISTING WALL TO REMAIN. VERIFY CONDITION PATCH AND REPAIR TO LIKE NEW CONDITION - GC TO VERIFY FIRE RATING IF APPLICABLE.
- EXISTING 1 HOUR RATED DEMISING WALL BY LANDLORD- PER LEASE- TO MATCH 17/A6.0
- 1 LAYER 5/8" GYPSUM BOARD EACH SIDE OVER 3 5/8" 20 GA METAL STUDS AT 16" O.C. TO CEILING. BRACE STUDS @ 4'-0" O.C. PROVIDE 5/8" MTL STUDS AT ALL 7" NOMINAL WALLS.

- NOTE: ALL EXPOSED CMU BLOCK MASONRY WALLS SHALL BE FURRED OUT WITH 1 1/2" METAL STUDS WITH GYP BOARD (TYP)
- NOTE: DIMENSIONED TO FINISHED WALL.
- NOTE: ALL EXTERIOR WALLS TO BE INSULATED.

KEYED NOTES:

- EXISTING DEMISING WALL BY LANDLORD GC-SEE NOTES ON A1.3- TENANT'S GC TO CONFIRM IN FIELD A 1 HOUR RATED WALL PER 17/A6.0
- METAL SHELVING RACK - 5 TIER IN HEIGHT NOT TO EXCEED 6 FEET
- NEW WALK-IN COOLER/ FREEZER- SEE EQUIPMENT PLAN
- RESTROOM HAND SINK
- ELECTRICAL PANEL - SEE ELECTRICAL DRAWINGS
- 3-COMPARTMENT SINK WITH (2) 18" INTEGRAL DRAIN BOARDS
- SERVICE COUNTER - CABINET SUPPLIER TO FURNISH SHOP DRAWINGS
- NOT USED
- 24" JANITORIAL MOP SINK W/ WH ABOVE (SEE PLUMBING SHEETS)
- TEMPERED GLASS SNEEZIE GUARD REQUIRED BY STATE HEALTH- SEE DETAIL 10/A6.2
- WALL-MOUNTED HAND SINK
- EXISTING STOREFRONT BY LANDLORD- SEE LEASE TO CONFIRM RESPONSIBILITY - CONFIRM MATCH TO THIS LAYOUT
- QUARRY TILE FLOORING THROUGHOUT KITCHEN & SERVICE AREA
- FIRE EXTINGUISHER
- RESTROOM FIXTURES
- NEW 3 5/8" METAL STUD WALL FURRING AND 5/8" GYP BD INSTALLED AT EXISTING DEMISING WALL.
- HANDICAP GRAB BARS WITH BLOCKING
- NOT USED
- NEW FLOORING IN DINING ROOM SEE SHEET A2.1
- NEW WALL - REFER TO WALL SCHEDULE
- KITCHEN EQUIPMENT- SEE EQUIPMENT SHEET A5.0
- PREP SINK W/ DRAIN BOARD
- SEATING- SEE EQUIPMENT SCHEDULE
- NEW MARKETPLACE CABINET PROVIDE BY TROPICAL SMOOTHIE CAFE AND INSTALLED BY GC. SEE 5/A6.2
- NEW OFFICE COUNTERTOP AND WALL SHELVES BY GC- SEE DETAIL 5/A4.0
- NOT USED
- NOT USED
- HANDICAP ACCESSIBLE TABLE
- DROP-IN HAND SINK IN SERVICE COUNTER.
- EXISTING EXTERIOR DOOR AND HARDWARE BY LANDLORD. CONFIRM IN FIELD
- EXISTING SINGLE STOREFRONT DOOR PROVIDED BY LANDLORD.

NOTE: FLOOR OR LANDING SHALL NOT BE MORE THAN 1/2" LOWER THAN THE THRESHOLD OF THE DOORWAY. CHANGE IN LEVEL BETWEEN 1/4" AND 1/2" SHALL BE BEVELED WITH A SLOPE NO GREATER THAN ONE UNIT VERTICAL TO 2 UNITS HORIZONTAL.

DOOR HARDWARE SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, TIGHT PINCHING OR TWISTING OF THE WRIST TO OPERATE.

SPECIALTIES:

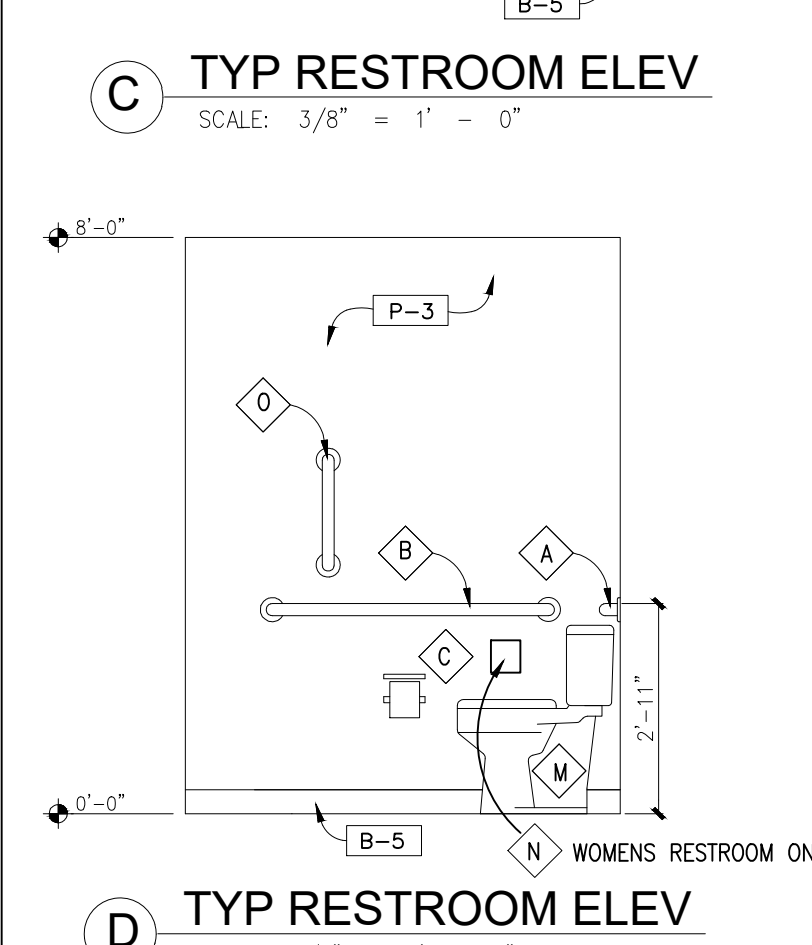
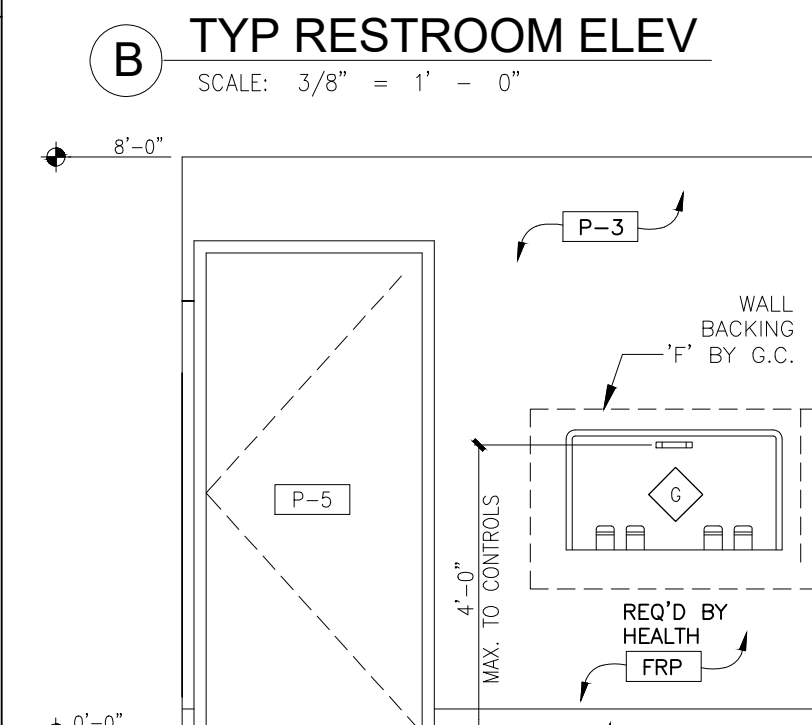
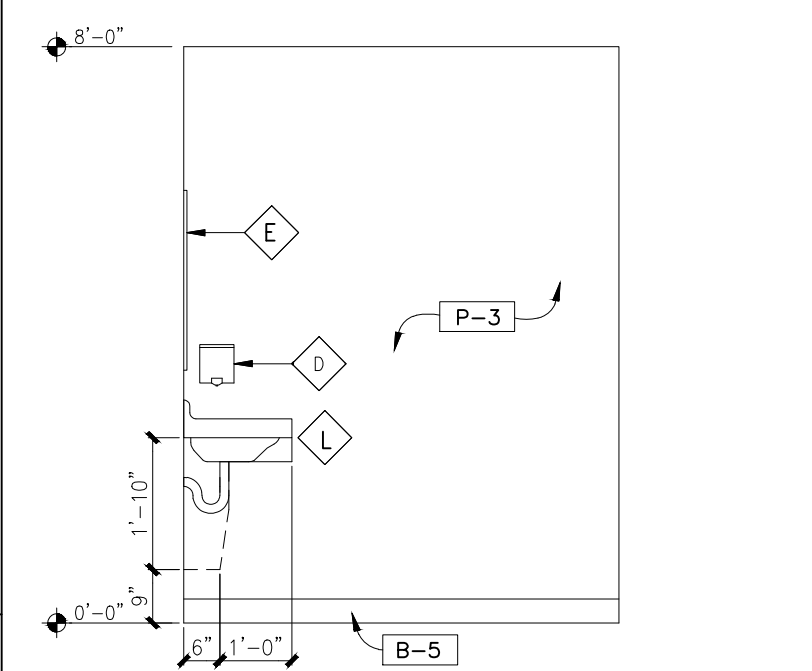
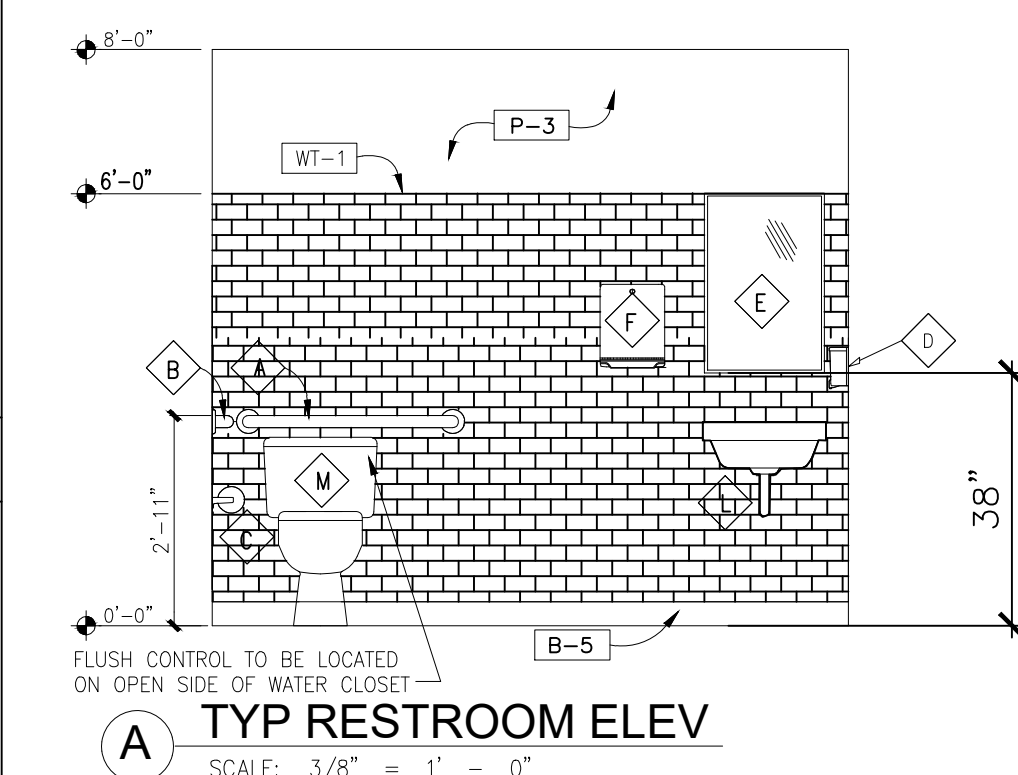
- GENERAL CONTRACTOR TO PROVIDE BLOCKING IN WALLS AS NEEDED FOR ALL WALL MOUNTED FIXTURES, SIGNS, MENU BOARD, ETC. PER DRAWINGS.
- USE FIRE TREATED WOOD FOR MISCELLANEOUS WOOD BLOCKING, ETC.
- USE STAINLESS STEEL WALL PANELS, CORNER GUARDS AND ANGLE STRIPS TO SEAL GAP TO WALL AT COOLER/FREEZER. (SEE W-2 AT WALL FINISHES)
- TABLE BASE HARDWARE
 - TABLE TOP LAG BOLTS: 1/2"x2" (4 PER BASE)
 - ANCHOR BOLTS: SIMPSON "WEDGEALL" MODEL # WA62500 (5/8"x5") COMES COMPLETE W/NUTS AND WASHERS (4 PER BASE)

NOTE: DURING BID PROCESS - GC TO VISIT SITE & REVIEW TENANT'S LEASE TO CONFIRM RESPONSIBILITY AGREEMENT. GC RESPONSIBLE FOR ALL TI CONSTRUCTION IE. CONCRETE POUR, ELECTRIC, PLUMBING, ROOF PENETRATIONS AND MECHANICAL ETC. ACCORDING TO LEASE

NOTE: GC TO VERIFY ALL EXISTING DIMENSIONS AND COLUMNS DURING BID AND ALERT NEPTUNE IF DIFFERENT FROM PLAN.

NOTE: ONLY SINGLE SERVICE UTENSILS WILL BE USED IN THIS SPACE

NOTE: MAIN ENTRY/EXIT DOORS MAY BE KEY OPERATED FROM INTERIOR IF SIGNAGE WITH 1" LETTERING IS PROVIDED ON OR ADJACENT TO DOOR STATING "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED."



DOOR SCHEDULE

ITEM NO	SIZE	THK.	MATERIAL	FRAME	TYPE	REMARKS	HARDWARE
1	3' X6'-8"	1-3/4"	WOOD	METAL	FLUSH SOLID CORE	NEW INTERIOR DOOR	GROUP #2
2	3' X6'-8"	1-3/4"	WOOD	METAL	FLUSH SOLID CORE	NEW INTERIOR DOOR	GROUP #2
3	3' X6'-8"	1-3/4"	WOOD	METAL	FLUSH SOLID CORE	NEW INTERIOR DOOR	GROUP #1
E1	3'X7'	EXISTING	ALUM/GLASS	EXISTING	STOREFRONT	EXISTING EXTERIOR DOOR	GROUP #E1
E2	4'X7'	EXISTING	HM	EXISTING	REAR SERVICE	EXISTING EXTERIOR DOOR	GROUP #E2

DOOR NOTES:

- ALL NEW INTERIOR WOOD DOORS ARE TO BE CLEANED AND TOUCHED UP TO RECEIVE NEW SCHEDULED FINISH.
- LOCKING DEVICES ON REQUIRED EXIT DOORS SHALL NOT REQUIRE THE USE OF A KEY, A TOOL, OR SPECIAL KNOWLEDGE OR EFFORT FOR OPERATION FROM THE EGRESS SIDE OF THE DOOR, EXCEPT AS SPECIFICALLY PERMITTED BY SECTION 1008.1.9 (2010 FBC).
- ALL INTERIOR DOOR LOCKSETS/PASSAGE SETS ARE TO BE HANDICAP ACCESSIBLE WITH LEVER ACTION HANDLES AND MOUNTED AT 40" ABOVE THE FINISHED FLOOR.
- CONTRACTOR IS TO ADJUST ALL DOORS TO NORMAL WORKING OPERATION WHICH INCLUDES THE REPAIR OR REPLACEMENT OF HARDWARE AND WEATHER STRIPPING AS REQUIRED.
- CONTRACTOR TO VERIFY THAT THE EXISTING RESTROOM DOORS HAVE CLOSERS. IF NOT, CONTRACTOR IS TO INSTALL NEW CLOSER ON EACH RESTROOM DOOR.
- ALL DOORS SHALL HAVE AN OPENING FORCE OF FIVE POUNDS MAXIMUM.

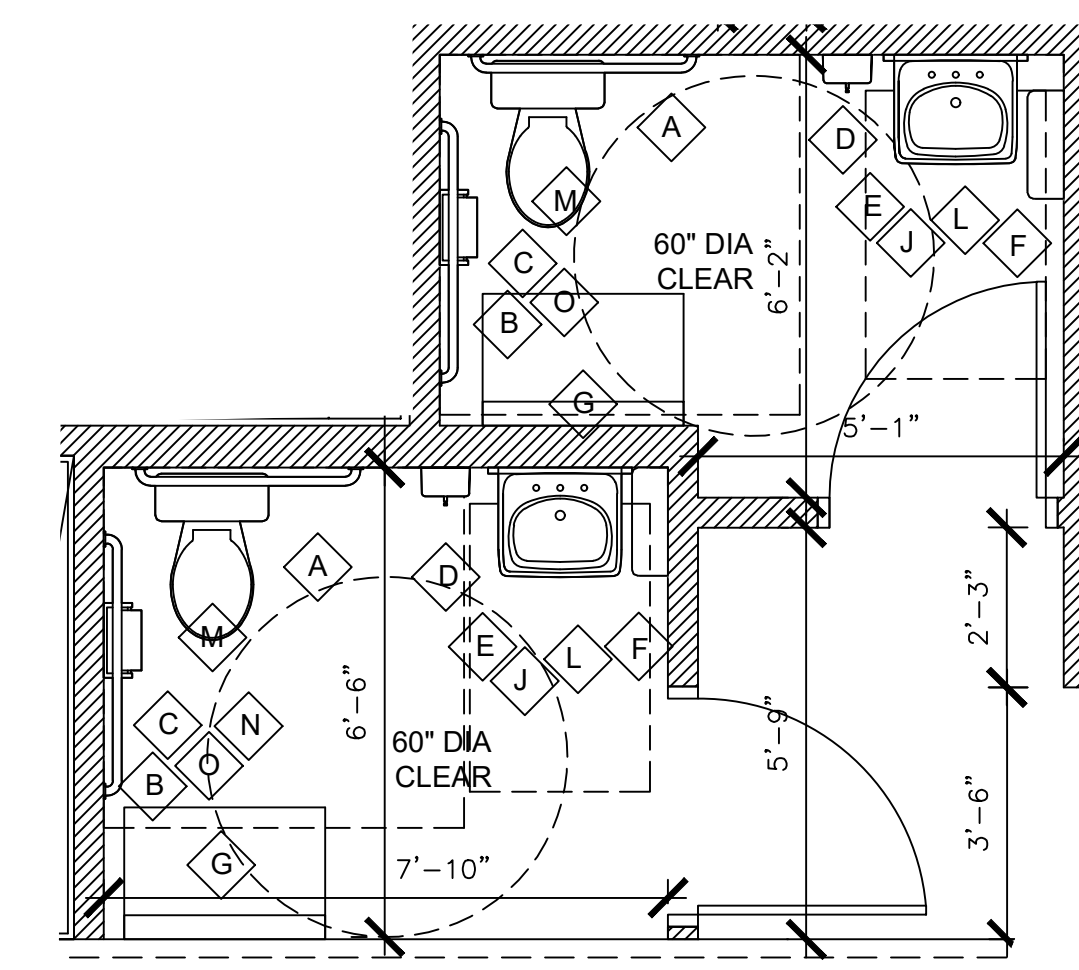
DOOR HARDWARE:

GROUP #1 - NEW INTERIOR DOOR:	GROUP #2 - NEW INTERIOR DOOR:
1.5 PAIR BUTTS: NEW	1.5 PAIR BUTTS: NEW
1.0 LOCKSET W/ LEVER HANDLE	1.0 LOCKSET W/ LEVER HANDLE
	1.0 DOOR CLOSER, SURFACE MOUNTED
GROUP #E1 - EXISTING EXTERIOR DOOR HARDWARE	GROUP #E2 - EXISTING ENTRANCE HARDWARE:
1.5 PAIR BUTTS: EXISTING	1.5 PAIR BUTTS: EXISTING
1.0 LATCH SET WITH RETRACTABLE DEAD BOLT	1.0 DEAD BOLT (IN OPEN POSITION DURING BUSINESS HRS)
1.0 DOOR CLOSURES: EXISTING	1.0 DOOR CLOSER: EXISTING
1.0 THRESHOLD: EXISTING	1.0 THRESHOLD: EXISTING
1.0 DOOR SWEEP: EXISTING	1.0 DOOR SWEEP: EXISTING
1.0 DOOR SWEEP: EXISTING	1.0 DOOR PULLS: EXISTING
PROVIDE PEEP HOLE IF NOT EXISTING	1.0 PUSH PLATE: EXISTING

NOTE: GC TO XRAY SLAB AT ALL PLUMBING FLOOR LOCATIONS TO ENSURE ADEQUATE CLEARANCE FROM STRUCTURAL BEAM. NOTIFY ARCHITECT IMMEDIATELY IF PLUMBING FIXTURES NEED TO BE RELOCATED.

NOTE: GC TO CONFIRM WITH TENANT AND LANDLORD RESPONSIBILITY OF DOORS AND FIXTURES WITH FINAL LEASE

NOTE: RESTROOM DOORS MUST BE EQUIPPED WITH SELF-CLOSING DEVICES.

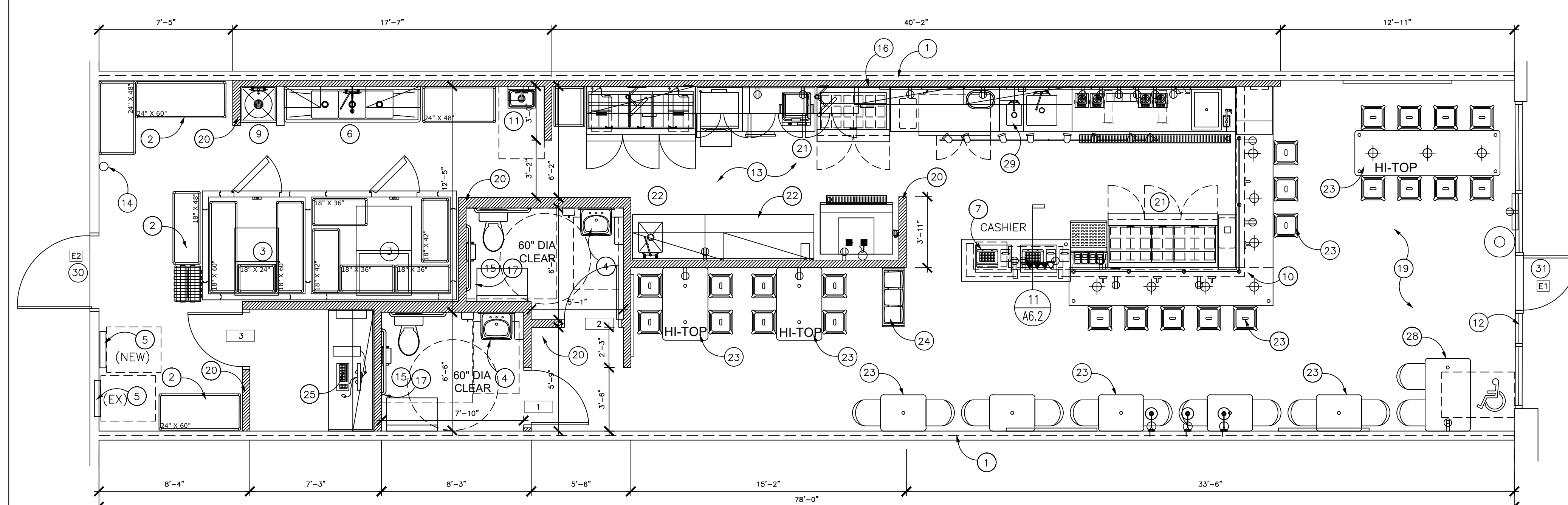


2 ENLARGED RESTROOM PLAN

SCALE: 3/8" = 1'-0"

TOILET ACCESSORY SCHEDULE:

ITEM	MOUNTING HEIGHT
A. NEW GRAB BAR, 36" L	33"-36" AFF TO CL
B. NEW GRAB BAR, 42" L	33"-36" AFF TO CL
C. NEW TISSUE DISPENSER	24" AFF TO OUTLET
D. NEW SOAP DISPENSER	38"-48" TO OPERATOR & DISPENSER
E. NEW FRAMED MIRROR, 18"x30"	40" AFF MAX. TO BITTO OF REFLECTIVE SURFACE
F. NEW PAPER TOWEL DISPENSER	38"-48" TO TOWEL DISPENSER
G. BABY CHANGING STATION	34"-44" AFF
J. 30" X 48" MIN. CLR. FLR. SPACE TYP. ALL LAVS.	
L. NEW HANDICAP ACCESSIBLE WALL MOUNTED SINK	
M. NEW HANDICAP ACCESSIBLE WATER CLOSET.	
N. SURFACE MOUNTED COVERED SANITARY NAPKIN RECEPTACLE REQUIRED	
O. VERTICAL GRAB BAR- SEE A1.2	



1 PROPOSED FLOOR PLAN

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

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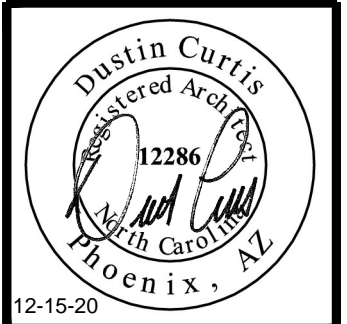
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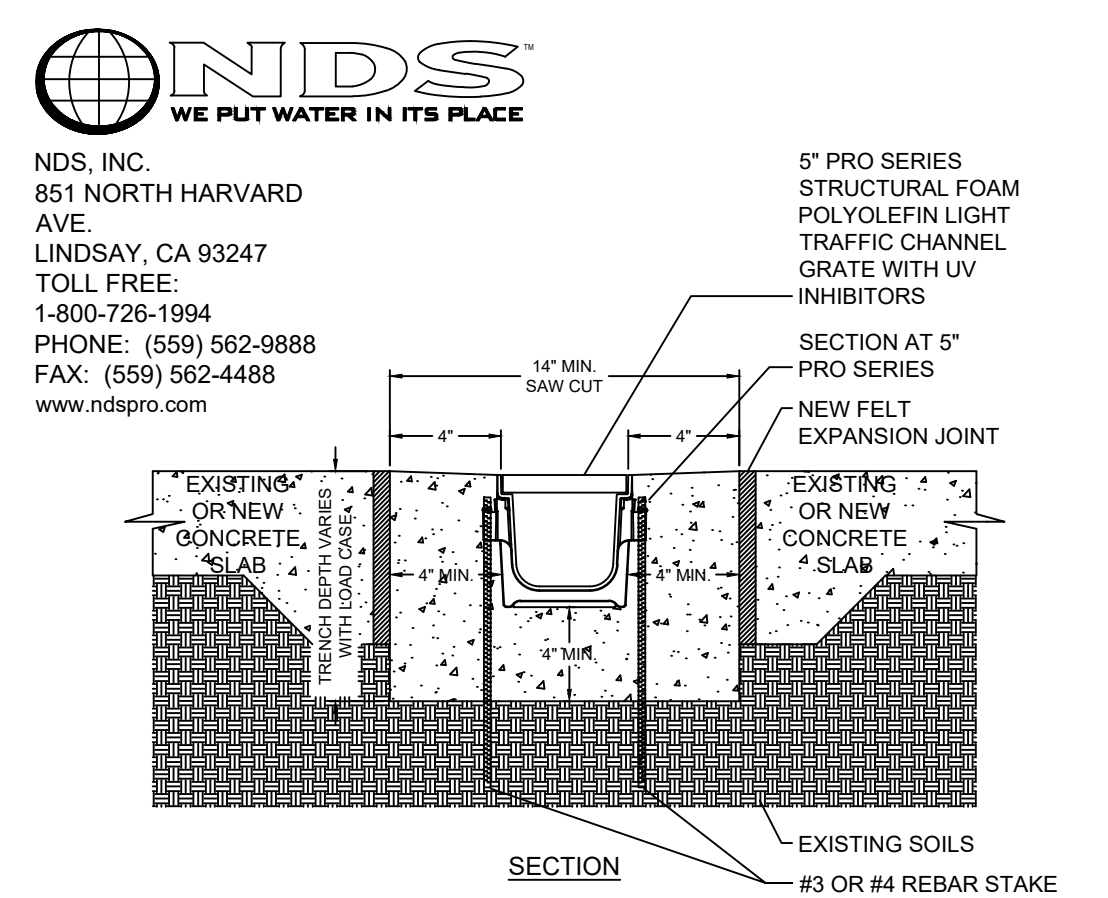
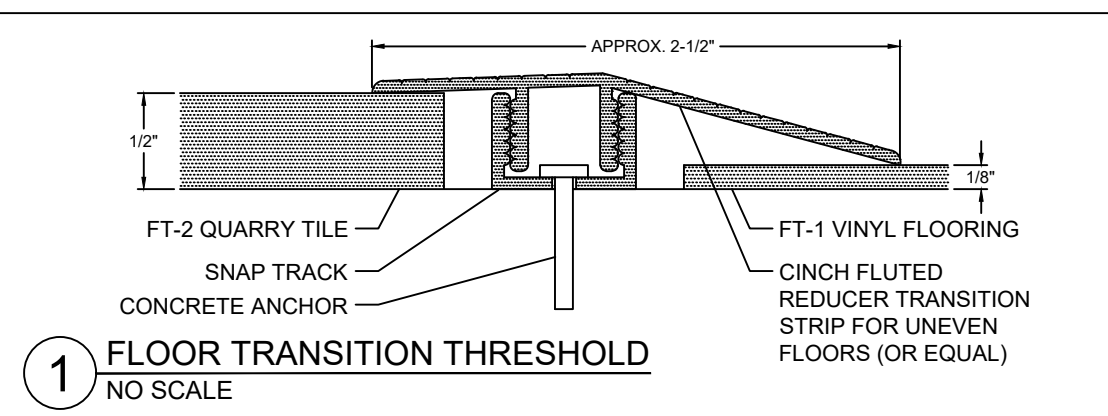
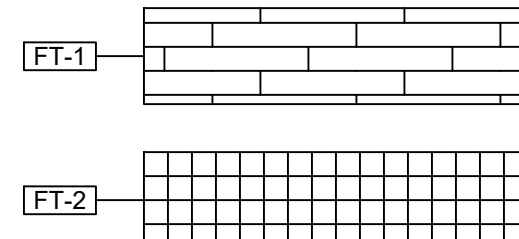
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FLOOR PLAN

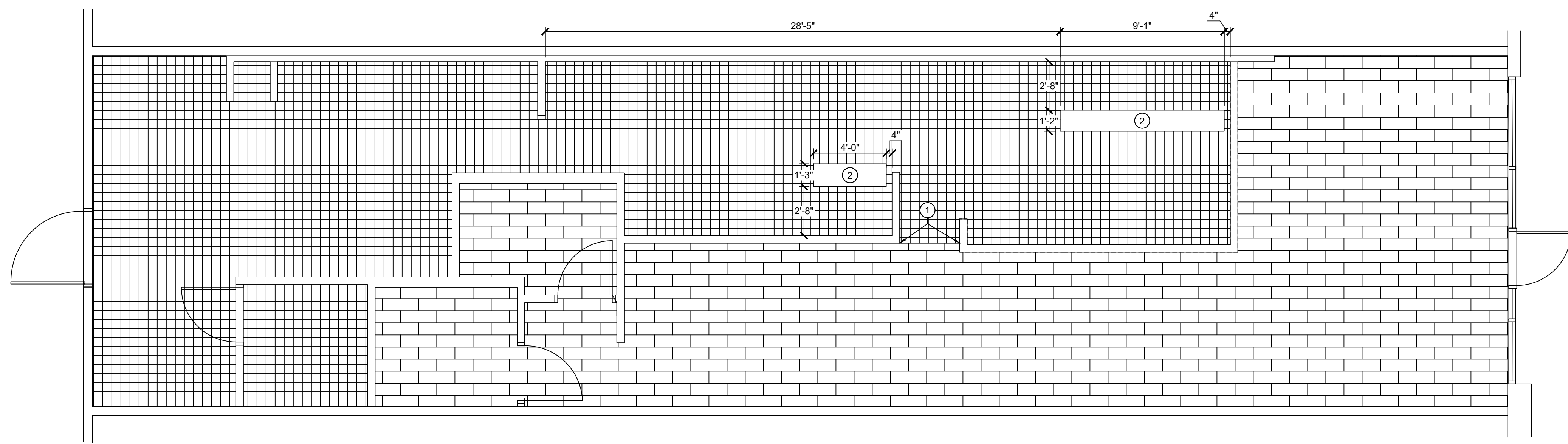
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FLOOR FINISH LEGEND

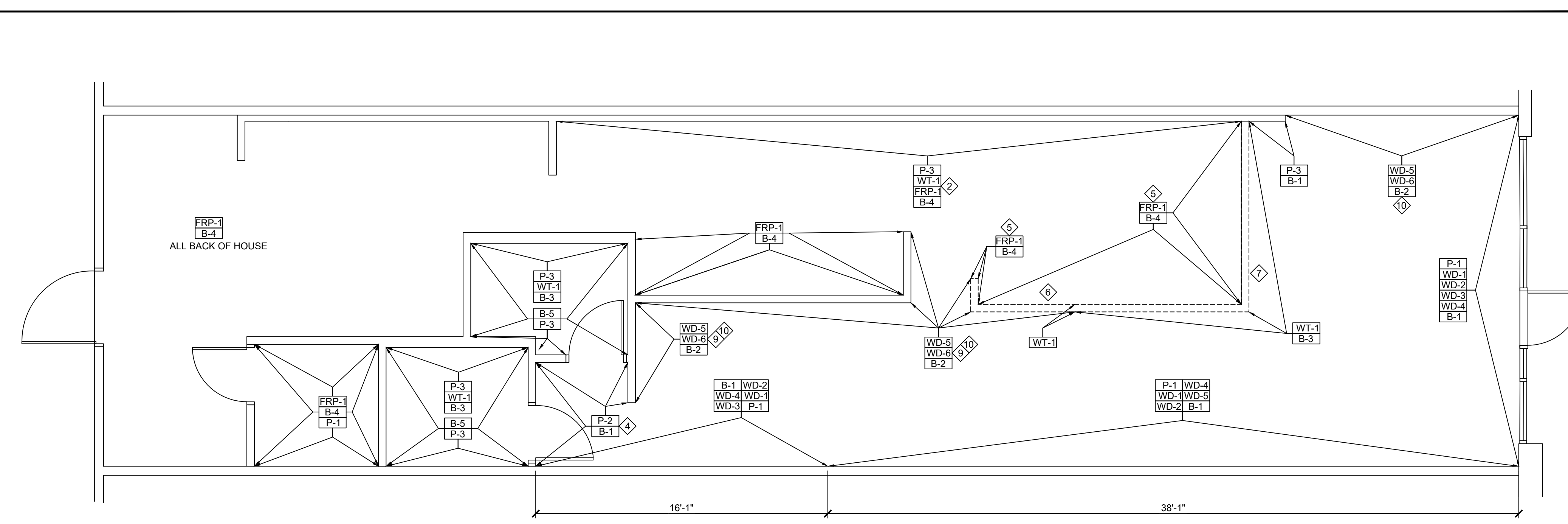


- NOTES:**
- CHANNELS TO BE INSTALLED WITH GRATE. GRATE TO BE PROTECTED FROM CONCRETE POUR
 - INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
 - DO NOT SCALE DRAWING.
 - THIS DRAWING IS INTENDED FOR USE BY ARCHITECTS, ENGINEERS, CONTRACTORS, CONSULTANTS AND DESIGN PROFESSIONALS FOR PLANNING PURPOSES ONLY.
 - ALL INFORMATION CONTAINED HEREIN WAS CURRENT AT THE TIME OF DEVELOPMENT BUT MUST BE REVIEWED AND APPROVED BY THE PRODUCT MANUFACTURER TO BE CONSIDERED ACCURATE.

PRO SERIES CHANNEL DRAIN SYSTEM
5\"/>



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



2 WALL FINISHES PLAN
SCALE: 1/4" = 1'-0"

INTERIOR FINISHES SCHEDULE

FLOOR TILE (DINING)	WALL TILE
[FT-#]	[WT-#]
FT-1 MANUF: CENTIVA TYPE: VINYL FLOORING SERIES: CONTOUR PLANK NUMBER: CP-0303-C COLOR: VINTAGE CHALET CONTACT INFO: LENNIE ROWAN, LEED GA ACCOUNT EXECUTIVE TANDUS / CENTIVA A TARKETT COMPANY (404) 428-5210	WT-1 MANUF: DAL TILE OR EQUAL TYPE: CERAMIC TILE COLOR: WHITE SIZE: 3" X 6" GROUT MANUF: POLYBLEND OR EQUAL GROUT TYPE: NON-SANDED GROUT COLOR: NEW TAUPE #185 SCHLUTER: JOLLY A890 SATIN ANODIZED ALUMINUM
	PAINT
	P-1 MANUF: SHERWIN WILLIAMS NUMBER: SW-7103 COLOR: WHITETAIL FINISH: SATIN
FLOOR TILE (KITCHEN)	
[FT-#]	
FT-2 MANUF: DAL TILE OR EQUAL TYPE: QUARRY TILE COLOR: 0T03 ASHEN GRAY SIZE: 6" X 6" GROUT MANUF: POLYBLEND OR EQUAL GROUT TYPE: SANDED GROUT COLOR: DELOREAN GRAY #165	P-2 MANUF: SHERWIN WILLIAMS NUMBER: SW-6621 COLOR: EMOTIONAL FINISH: SATIN
	P-3 MANUF: SHERWIN WILLIAMS NUMBER: SW-6403 COLOR: BREAKTIME FINISH: SATIN
FLOOR TILE BASE	
[B-#]	
B-1 TYPE: STAIN GRADE PINE SIZE: 1" X 4" STRIPS STAIN: SHERWIN WILLIAMS NUMBER: SW-224 FINISH: SPECIAL WALNUT	
B-2 3-5/8" METAL STUD TRACK INSTALLED W/FLANGES FACING THE WALL. SHINY, NON-TEXTURED FINISH. 20 GAUGE.	
B-3 MANUF: DAL TILE OR EQUAL TYPE: CERAMIC COVE BASE COLOR: WHITE SIZE: 3" X 6" GROUT MANUF: POLYBLEND OR EQUAL GROUT TYPE: NON-SANDED GROUT COLOR: NEW TAUPE #185	
B-4 MANUF: DAL TILE OR EQUAL TYPE: QUARRY TILE BASE COLOR: 0T03 ASHEN GRAY SIZE: 5" X 6" GROUT MANUF: POLYBLEND OR EQUAL GROUT TYPE: SANDED GROUT COLOR: DELOREAN GRAY #165	
B-5 MANUF: JOHNSONITE TYPE: VINYL WALL BASE COLOR: SEAWEEED #101 SIZE: 4" HIGH (FOR RESTROOMS & OPTIONAL KITCHEN BASE)	
COUNTER TOPS	
[ST-#]	
ST-1 MANUF: LG HAUSYS TYPE: HI-MACS ACRYLIC COLOR: TROPICAL TEAL FINISH: POLISHED THICKNESS: 1/2"	
ST-2 MANUF: JOHN BOOS OR EQUAL TYPE: BUTCHER BLOCK TOP LAMINATED CLEAR THROUGH, WARP RESISTANT AND ELECTRONICALLY THERMOBONDED. WOOD: MAPLE - EDGE GRAINED THICKNESS: 1-1/2" - 1-3/4" FINISH: VARNIQUE. IF VARNIQUE SURFACE IS CUT, IT WILL NEED TO BE RE-SEALED USING BOOS EZ-DO FINISH OR DURAKRYL 102	
ST-3 MANUF: HOME DEPOT TYPE: PVC TRIM PLANK COLOR: WHITE NUMBER: VERANDA 7311 OR SIMILAR SIZE: 1" X 6"	
FIBERGLASS PANEL	
[FRP-#]	
FRP-1 MANUF: FRP TYPE: X COLOR: WHITE NOTE: CAULK ALL JOINTS. EXISTING FRP TO REMAIN WHERE POSSIBLE	
WOOD	
[WD-#]	
WD-1 TYPE: 1" X 2" TRIM BOARD FINISH: PAINTED: P-1 NOTE: PLACE BATTENS EVERY 24" O.C. TO PROVIDE A BOARD AND BATTEN APPEARANCE OR AS NOTED IN THE ELEVATIONS	
WD-2 TYPE: STAIN GRADE PINE FINISH: PAINTED: P-1 NOTE: 1" X 2" STRIPS	
WD-3 TYPE: 4FT X 8FT BEAD BOARD PANEL FINISH: PAINTED: P-1	
WD-4 TYPE: STAIN GRADE PINE FINISH: PAINTED: P-1 NOTE: 1" X 4" STRIPS	
WD-5 TYPE: FRAMING GRADE WOOD PLANKS FINISH: SHERWIN WILLIAMS SW-224 SPECIAL WALNUT NOTE: 1" X 1" KNOTTY PINE	
WD-6 TYPE: FRAMING GRADE WOOD PLANKS FINISH: SHERWIN WILLIAMS SW-224 SPECIAL WALNUT NOTE: 1" X 1" KNOTTY PINE SPECIAL WALNUT STAIN ON ALL SURFACES TO BE ONE COAT ONLY. RUBBED ON AND IMMEDIATELY WIPED FOR A LIGHT COLORED FINISH	
SUSPENDED CEILING	
[AT-#]	
AT-1 MANUF: ARMSTRONG TYPE: CLASS "A" NUMBER: 1728A WH FINE FISSURED COLOR: WHITE SIZE: 24" X 24" X 5/8" GRID: 15/16" GRID. MATCH WHITE COLOR OF CEILING TILE	
AT-2 MANUF: ARMSTRONG TYPE: CLASS "A" NUMBER: WASHABLE VINYL SURFACE COLOR: WHITE SIZE: 24" X 48" X 5/8" GRID: NEW WHITE 15/16" GRID	
AT-3 MANUF: ARMSTRONG TYPE: CLASS "A" NUMBER: WASHABLE VINYL SURFACE COLOR: WHITE SIZE: 24" X 24" X 5/8" GRID: 5/16" GRID. MATCH WHITE COLOR OF CEILING TILE	

ROOM FINISH SCHEDULE

AREA	FLOOR		WALLS		CEILING		REMARKS
	MATERIAL	BASE	MATERIAL	HEIGHT	MATERIAL	HEIGHT	
DINING 100	TILE [FT-1]	[B-1] [B-2]	PAINT [P-1]	WOOD [WD-1] [WD-2]	ACT [AT-1]	SEE RCP ON A150	-
CASHIER 200	TILE [FT-1]	[B-2] [B-3]	TILE [WT-1] [WD-5] [WD-6]	WOOD [WD-6]	ACT [AT-1]	SEE RCP ON A150	-
SMOOTHIE PREP 300	TILE [FT-2]	[B-4]	PAINT [P-3]	TILE [WT-1]	ACT [AT-3]	SEE RCP ON A150	-
FOOD PREP 400	TILE [FT-2]	[B-4]	PAINT [P-3]	TILE [WT-1]	ACT [AT-3]	SEE RCP ON A150	-
OFFICE 500	TILE [FT-2]	[B-4]	FINISH [FRP-1]		ACT [AT-2]	SEE RCP ON A150	-
KITCHEN 600	TILE [FT-2]	[B-4]	FINISH [FRP-1]		ACT [AT-2]	SEE RCP ON A150	-
RESTROOM 700	TILE [FT-1]	[B-5]	PAINT [P-3]	TILE [WT-1]	PAINTED GYP [P-3]	SEE RCP ON A150	-

GENERAL NOTES:

- G.C. TO PROVIDE A SCHLUTER STRIP (MODEL #A125-ATGB) FOR TERMINATION OF WALL TILE.

RESTROOM FINISHES

STOOL / VANITY WALL TO HAVE [WT-1] WALL TILE FROM FLOOR TO 48" AFF (HORIZONTAL MOUNT). WALL ABOVE TILE TO BE PAINTED WITH [P-3].

ALL OTHER WALLS TO BE PAINTED [P-3] FROM FLOOR TO CEILING

INTERIOR SIDE OF DOOR AND TRIM TO BE PAINTED WITH [P-3]

BASE TO BE [B-5]

KEY NOTES

NO.	ITEM DESCRIPTION
1	GYP. BOARD WALL OR FRP OPTION
2	[FRP-1] FROM FLOOR TO 34" AFF. WT-1 FROM 35" AFF TO 62" AFF
3	DINING SIDE OF DOOR AND TRIM TO BE PAINTED [P-2]
4	PAINTED GYP. BOARD WALL
5	[FRP-1] INSTALLED FROM FLOOR TO TOP OF HALF HEIGHT WALL
6	HORIZONTAL SURFACE TO BE [ST-1]
7	HORIZONTAL SURFACE TO BE [ST-2]
8	HORIZONTAL SURFACE TO BE [ST-3]
9	CORRUGATED METAL APPLIED TO WALL AS SHOWN ON ELEVATIONS
10	WALL PAINTED BLACK BEHIND [WD-5] WOOD PLANKS

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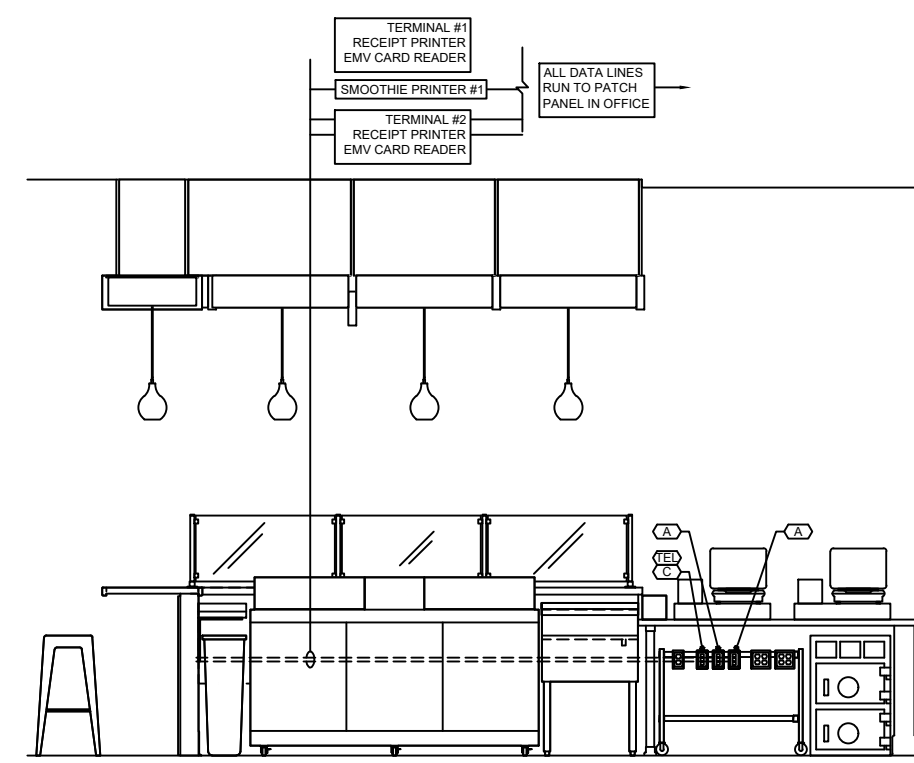
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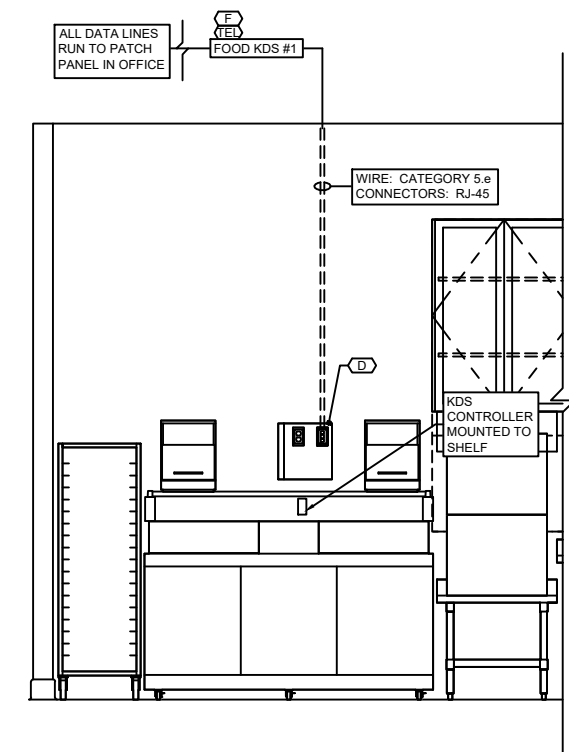
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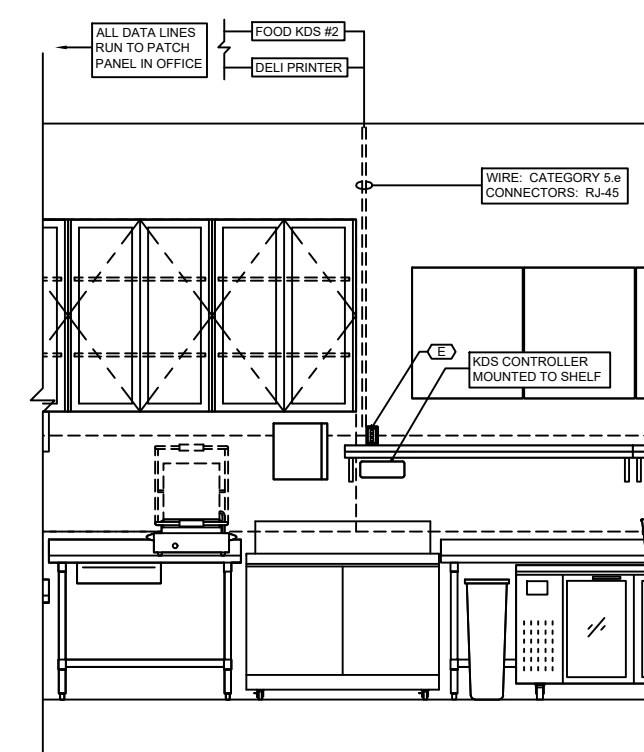
FLOOR FINISH PLAN
A2.1



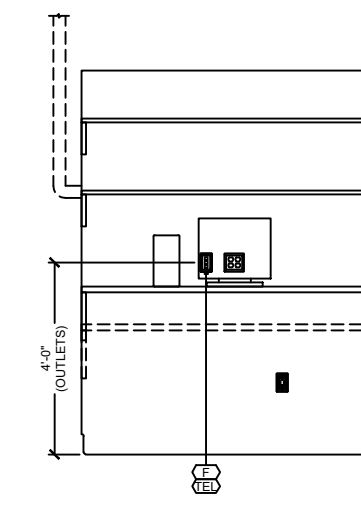
A FRONT LINE (BACK VIEW)
SCALE: 1/4" = 1'-0"



B KDS #1
SCALE: 1/4" = 1'-0"



C KDS #2 / DELI PRINTER
SCALE: 1/4" = 1'-0"



D OFFICE DESK (FRONT VIEW)
SCALE: 1/4" = 1'-0"

DATA OUTLET LOCATION

NO.	QTY	ITEM DESCRIPTION	HGT
A	2	POS STATION OUTLET (CASHIER COUNTER)	24"
B	0	POS STATION OUTLET (DRIVE-THRU AREA)	46"
C	1	SMOOTHIE PRINTER OUTLET (CASHIER COUNTER)	24"
D	1	KDS OUTLET (TWO WHEN DRIVE-THRU WINDOW)	67"
E	1	KDS / DELI PRINTER OUTLET (AT FINISH STATION)	67"
F	1	OFFICE OUTLET (PRINTER)	46"

GENERAL NOTES

- 1 VERIFY ALL REQUIREMENTS WITH POS SUPPLIER
- 2 OWNER TO COORDINATE WITH MICROS & RTG FOR ALL KDS AND PRINTER LOCATIONS
- 3 ALL POS WIRING TO BE PROVIDED BY AND INSTALLED BY RTG
- 4 G.C. TO CONTACT RTG 4 WEEKS PRIOR TO INSTALL
- 5 G.C. RESPONSIBLE FOR CONDUITS WITH PULL STRING AND EMPTY ELECTRICAL BOXES TO ACCESSIBLE CEILING LOCATIONS

T-STAT LOCATIONS

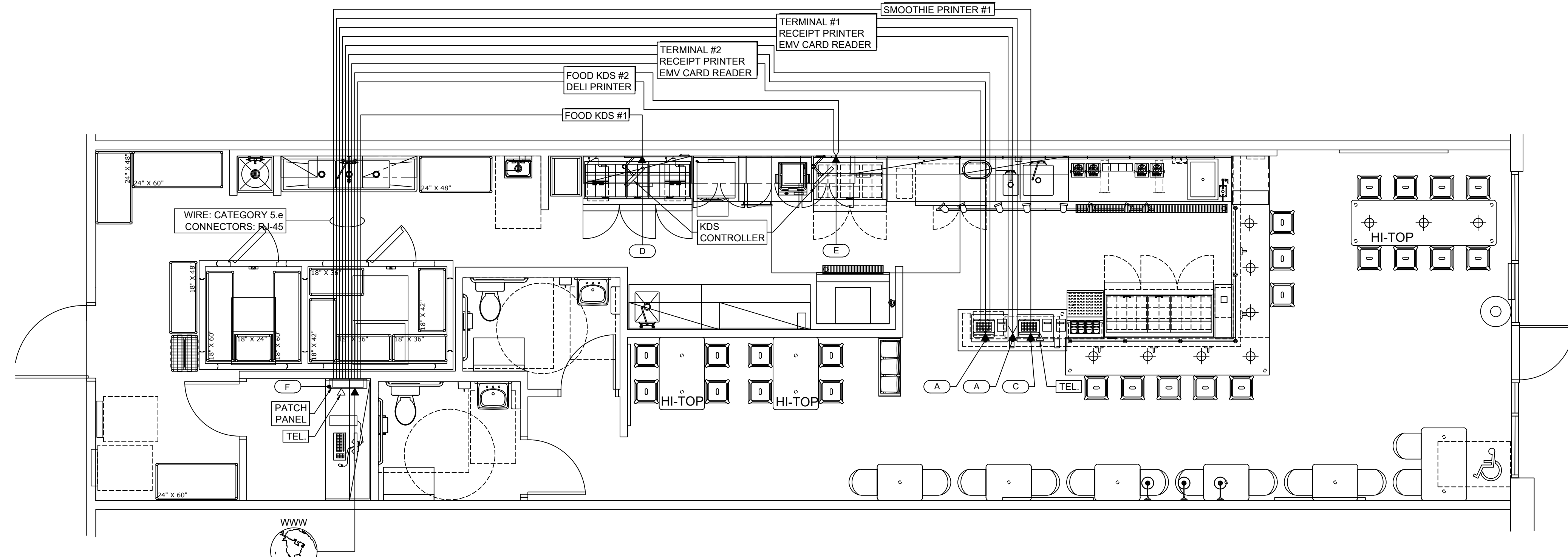
NO.	ITEM DESCRIPTION
T-STAT PREFERRED LOCATIONS	
1	NEAR THE RESTROOM CORRIDOR
2	NEAR THE WATER HEATER / MOP SINK AREA

SPEAKER LOCATIONS

NO.	ITEM DESCRIPTION
MUZAK, MOOD MEDIA - PREFERRED VENDOR - 3 SPEAKERS	
1	NEAR THE SMOOTHIE BAR BETWEEN BAR AND FRONT WALL
2	NEAR THE COMMUNITY TABLE
3	NEAR THE BANQUETTE
SPEAKERS NOT LOCATED NEAR CEILING FANS & POS AREA	

VIDEO SURVEILLANCE LOC'S

NO.	ITEM DESCRIPTION
MIN. RECOMMENDED SURVEILLANCE (4 CAMERA SYSTEM)	
1	MANAGER'S STATION
2	POS AREA / SAFE
3	BACK DOOR
4	MAIN ENTRY
PREFERRED SURVEILLANCE (8 CAMERA SYSTEM)	
5	SMOOTHIE MAKE LINE
6	PREP AREA
7	DINING AREA
8	BACK OF HOUSE OR CAFE SPECIFIC UNMONITORED AREAS

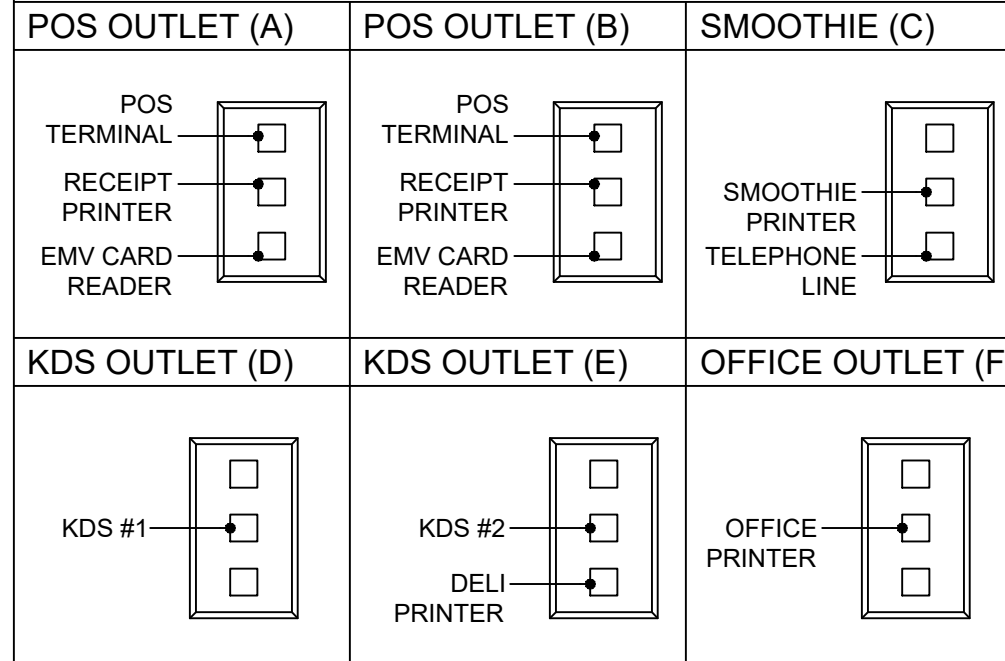


2 LOW VOLTAGE WIRING PLAN
SCALE: 1/4" = 1'-0"

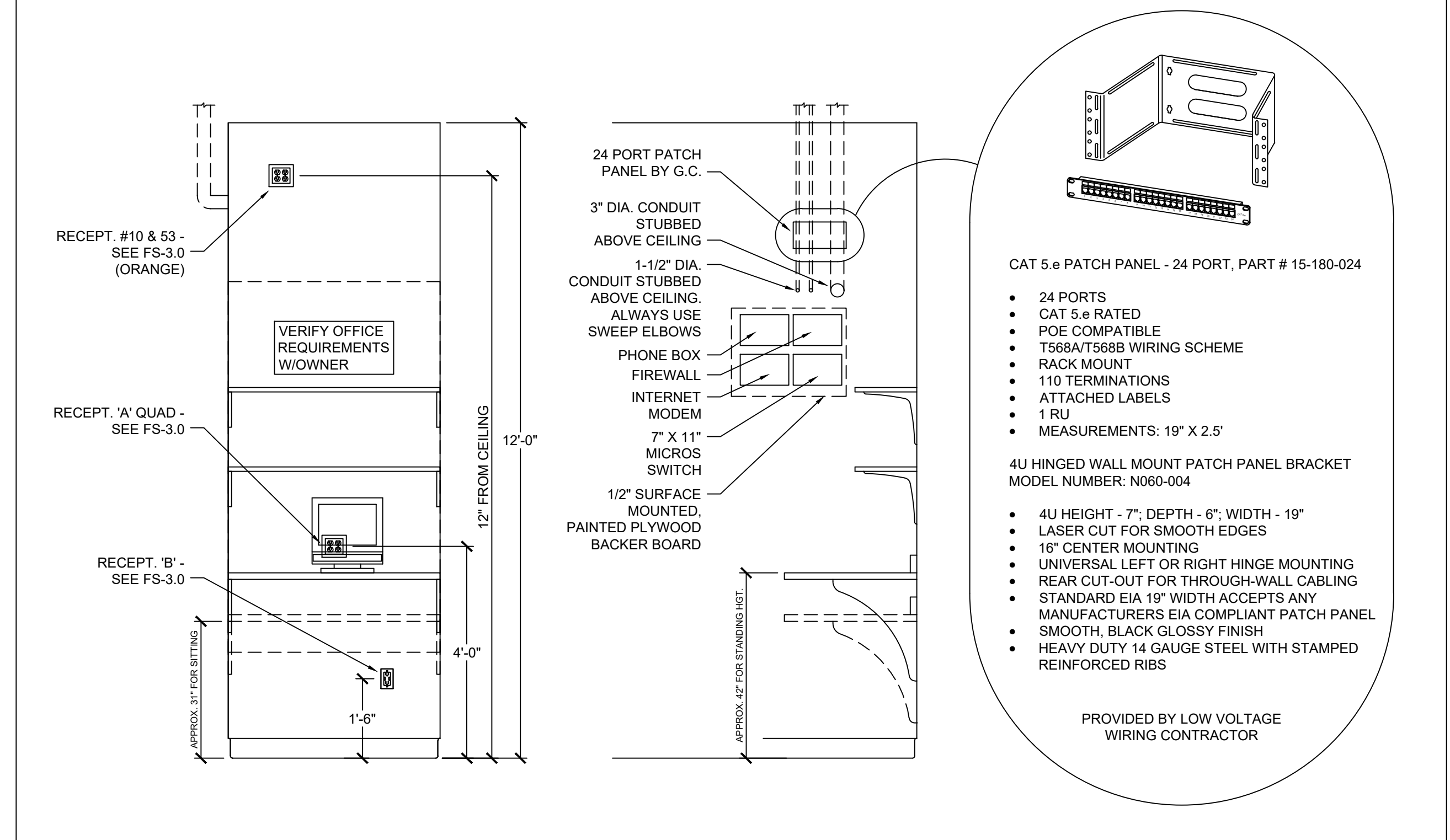
POWER AND CABLING REQ'S

- | NO. | ITEM DESCRIPTION |
|--------------------------------------|---|
| PATCH PANEL | |
| 1 | THE 24 PORT PATCH PANEL SHOULD BE MOUNTED ON THE WALL WITH EACH RJ45 TERMINATION LABELED TO THE CORRESPONDING LOCATION OF THE TERMINALS AND PRINTERS ON THE COUNTER AND PREP AREAS. |
| 2 | POWER SHOULD BE 1-QUAD OR 2-DUPLEX DEDICATED AND ISOLATED GROUND (ORANGE) AC PLUG(S). |
| 3 | THE INTERNET CONNECTION FOR CREDIT CARD PROCESSING SHOULD BE LOCATED CLOSE TO THE POS PC. THE INTERNET CONNECTION MUST BE A STATIC IP ADDRESS. (OFFICE AREA) |
| COUNTER AREA | |
| 1 | AT EACH COUNTER POS TERMINAL LOCATION, CAT 5 CABLES MUST BE TERMINATED WITH RJ45 CONNECTORS WITH 2X2 JUNCTION BOX WITH MOUNTED FACE PLATE. |
| 2 | DOUBLE RUN OF CAT 5 CABLE FOR EACH TERMINAL. |
| 3 | AT EACH COUNTER POS TERMINAL, DEDICATED AND ISOLATED GROUND (ORANGE) DUPLEX AC PLUG FOR TERMINAL AND PRINTER. |
| PRINTERS AND KITCHEN DISPLAYS | |
| 1 | AT EACH COUNTER POS TERMINAL LOCATION, CAT 5 CABLES MUST BE TERMINATED WITH RJ45 CONNECTORS WITH 2X2 JUNCTION BOX WITH MOUNTED FACE PLATE. |
| 2 | SINGLE RUN OF CAT 5 CABLE FOR EACH PRINTER AND KITCHEN DISPLAY. |
- IMPORTANT - SINGLE POS TERMINAL LOCATIONS WITH 2 REMOTE PRINTERS MUST HAVE 2 CAT 5 CABLES RUNNING FROM EACH KITCHEN PRINTER TO THE PATCH PANEL IN THE OFFICE IN ORDER TO DRIVE BOTH PRINTERS.

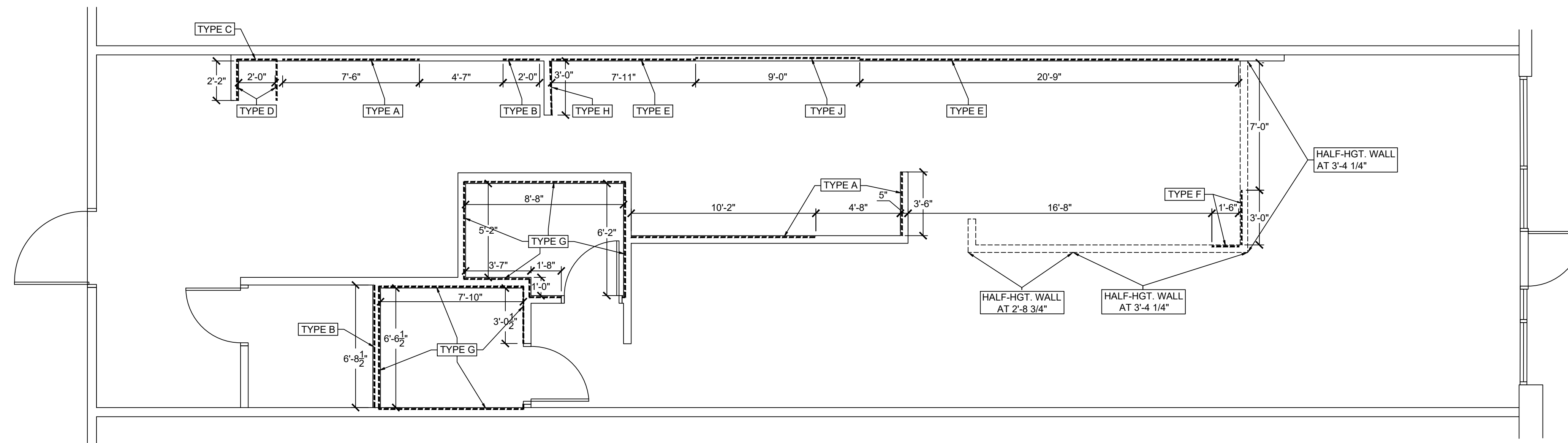
OUTLET CONFIGURATION



OFFICE WIRING DETAIL

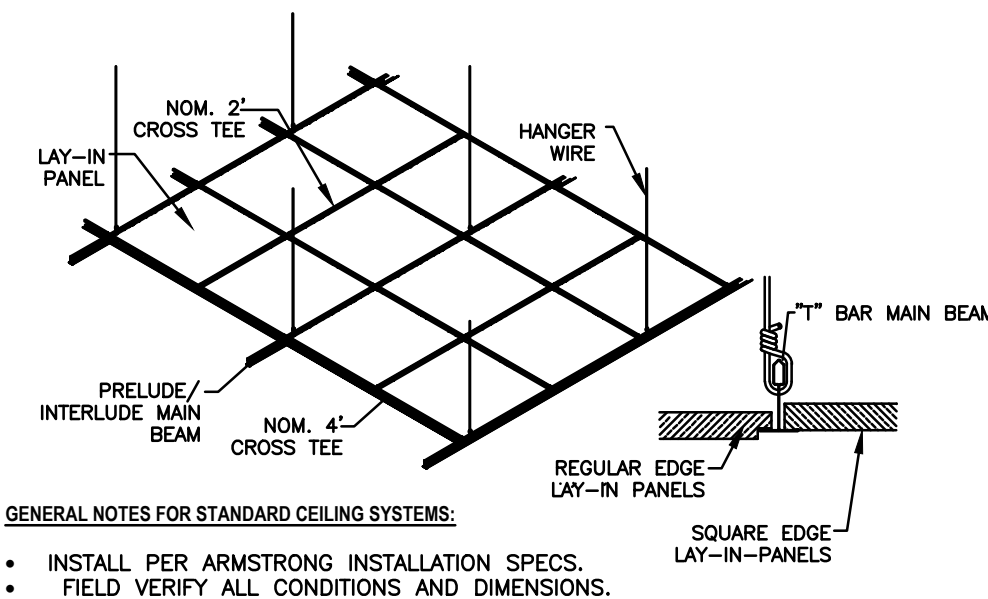


1 OFFICE OUTLET AND LOW VOLTAGE EQUIPMENT LOCATIONS
SCALE: 1/2" = 1'-0"

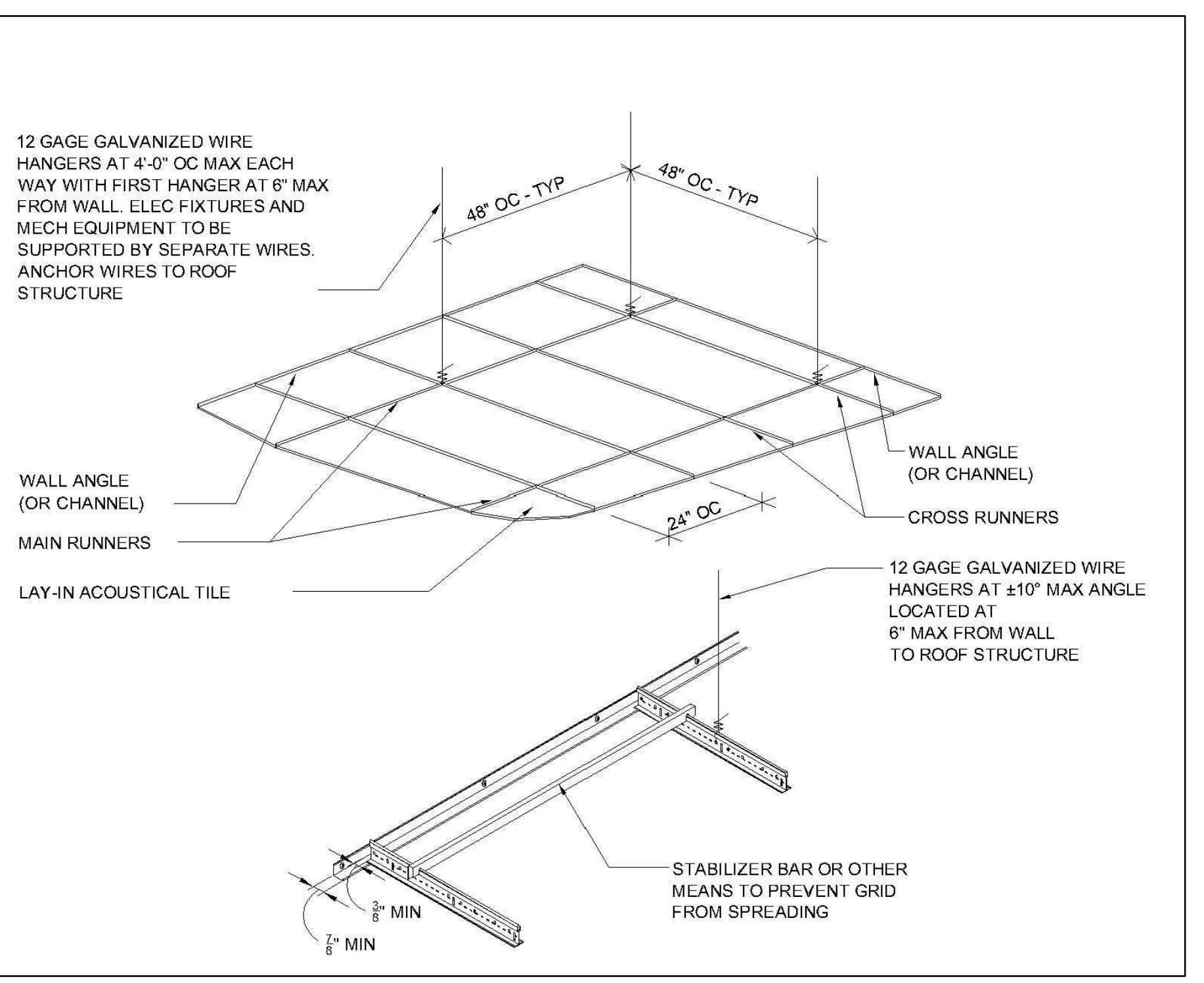


1 WALL BACKING PLAN
SCALE: 1/4" = 1'-0"

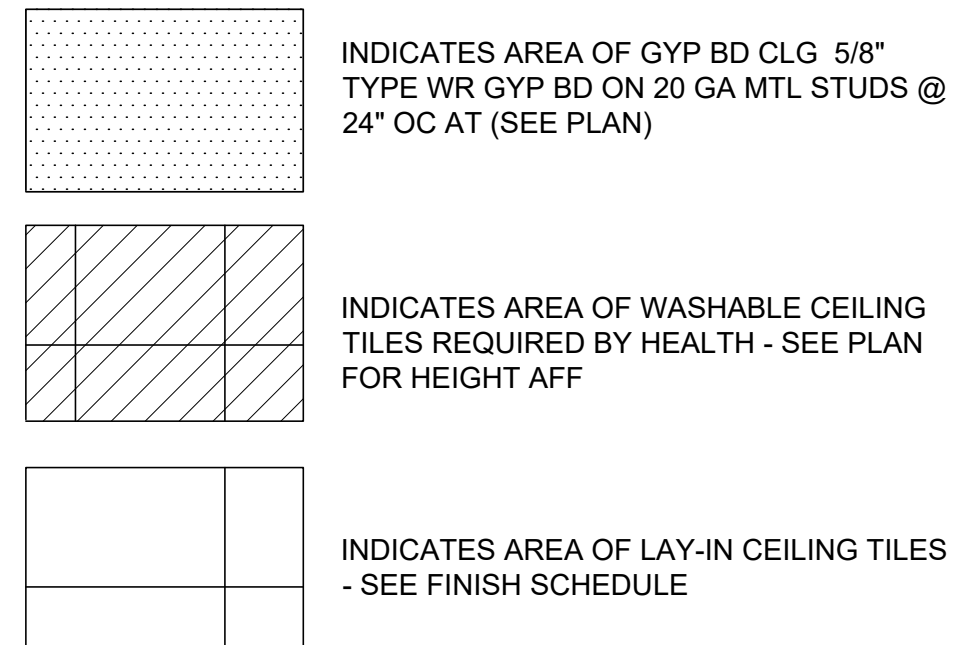
WALL BACKING LEGEND			
TYPE	HGT.	LOCATION	REMARKS
A	72"	FROM 36" TO 108" A.F.F.	OVER SHELVES AND ICE FILTER
B	84"	FROM 24" TO 108" A.F.F.	HAND SINK AND OFFICE
C	30"	FROM 39" TO 69" A.F.F.	MOP SINK FAUCET BRACKET
D	12"	FROM 48" TO 60" A.F.F.	MOP RACK
E	24"	FROM 42" TO 66" A.F.F.	FRONT WALL SHELVES
F	VARIES	FROM 18" TO TOP OF HALF-HGT. WALL	WALL MOUNTED WORK TOP
G	30"	FROM 24" TO 64" A.F.F.	RESTROOM FIXTURES
H	24"	FROM 18" TO 42" A.F.F.	WALL MOUNTED WORK TOP
J	78"	FROM 42" TO 120" A.F.F.	FRONT WALL CABINETS



SUSPENDED CEILING SUPPORT DETAIL



A SUSPENDED GRID DETAIL



- NOTE: SEE MECHANICAL FOR EXACT LOCATION OF DIFFUSERS
- NOTE: SEE ELECTRICAL SHEETS FOR LIGHTING SPECIFICATIONS AND EMERGENCY LIGHT PACK LOCATIONS.
- NOTE: ALL GRILLES/DIFFUSERS TO MATCH CEILING TILES - SEE MECHANICAL SHEETS FOR EXACT LOCATIONS
- EXTERIOR SIGN UNDER SEPARATE PERMIT PROVIDED BY SIGN COMPANY & INSTALLED BY SIGN COMPANY

- NOTE: SIGN MANUFACTURER TO SUBMIT TO LANDLORD DETAILED CUT SHEETS FOR MAIN STOREFRONT SIGN. LANDLORD MUST APPROVE ALL SIGNS IN WRITING PRIOR TO FABRICATION.
- NOTE: ALL LIGHTS IN THE PREPARATION AREA, STORAGE AREA, DISHWASH AREA, WALK-IN REFRIGERATOR, AND FREEZER MUST HAVE SHATTERPROOF COVERS.

KEY NOTES

NO. 1	WALL MTD. MENU BOARD FROM 6'-3" AFF TO 9'-0" AFF	NO. 6	CEILING GRID INSTALLED @ 90° W/STORE FRONT
NO. 2	CEILING MOUNTED TRACK LIGHTING	NO. 7	PENDANT LIGHT AT 7'-0" TO BOTTOM OF PENDANT
NO. 3	CEILING FAN: 8'-6" A.F.F. TO BOTTOM OF FIXTURE	NO. 8	WALL SCONCE AT 8'-6" A.F.F. TO CENTER OF J-BOX
NO. 4	PAINTED GYP. BOARD CEILING	NO. 9	SUSPENDED MILLWORK SOFFIT BY G.C.
NO. 5	CEILING GRID INSTALLED @ 90° W/STORE FRONT		

REFLECTED CEILING SCHEDULE

SUSPENDED CEILING		PAINT	
AT-1	MANUF: ARMSTRONG TYPE: CLASS "A" NUMBER: 1728A WH FINE FISSURED COLOR: WHITE SIZE: 24" X 24" X 5/8" GRID: 15/16" GRID. MATCH WHITE OF CEILING TILE	P-1	MANUF: SHERWIN WILLIAMS NUMBER: SW-7103 COLOR: WHITETAIL FINISH: SATIN
AT-2	MANUF: ARMSTRONG TYPE: CLASS "A" NUMBER: WASHABLE VINYL SURFACE COLOR: WHITE SIZE: 24" X 48" X 5/8" GRID: NEW WHITE 15/16" GRID	P-2	MANUF: SHERWIN WILLIAMS NUMBER: SW-6621 COLOR: EMOTIONAL FINISH: SATIN
AT-3	MANUF: ARMSTRONG TYPE: CLASS "A" NUMBER: WASHABLE VINYL SURFACE COLOR: WHITE SIZE: 24" X 24" X 5/8" GRID: 5/16" GRID. MATCH WHITE OF CEILING TILE	P-3	MANUF: SHERWIN WILLIAMS NUMBER: SW-6463 COLOR: BREAKTIME FINISH: SATIN

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EMAIL: jryan@hermitagelighting.com
PHONE: (615) 843-3394
FAX: (615) 843-3351
WEBSITE: http://nationalaccounts.hermitagelighting.com/#home

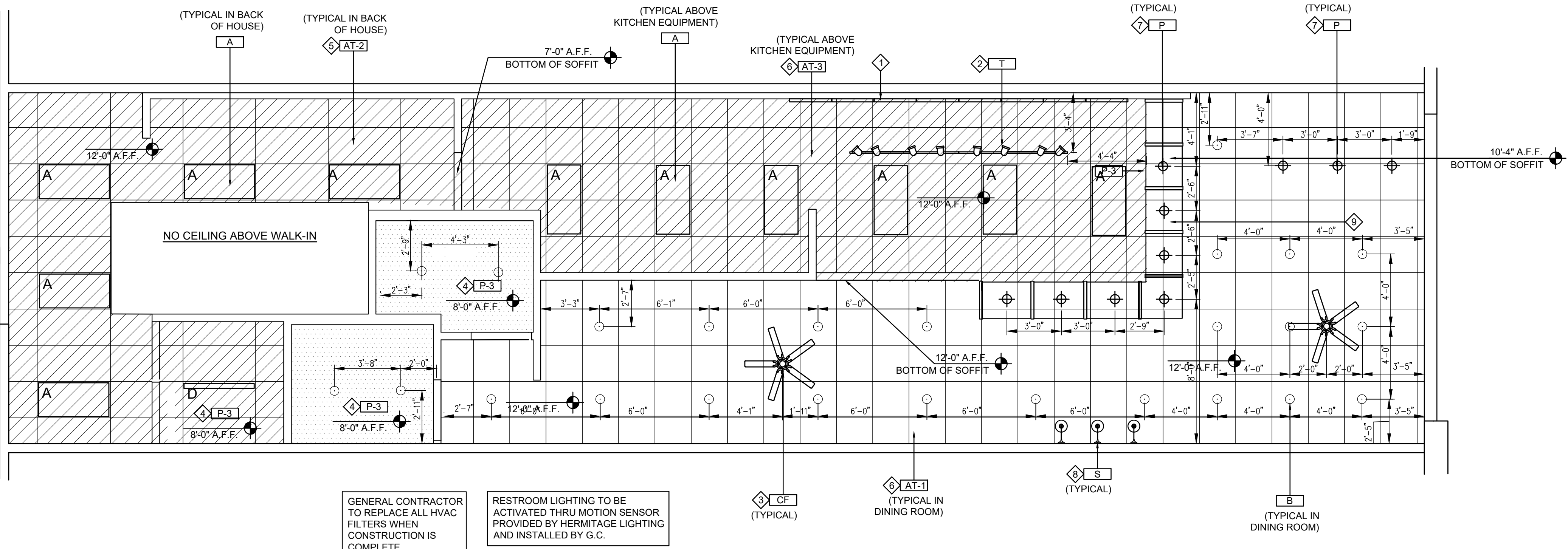
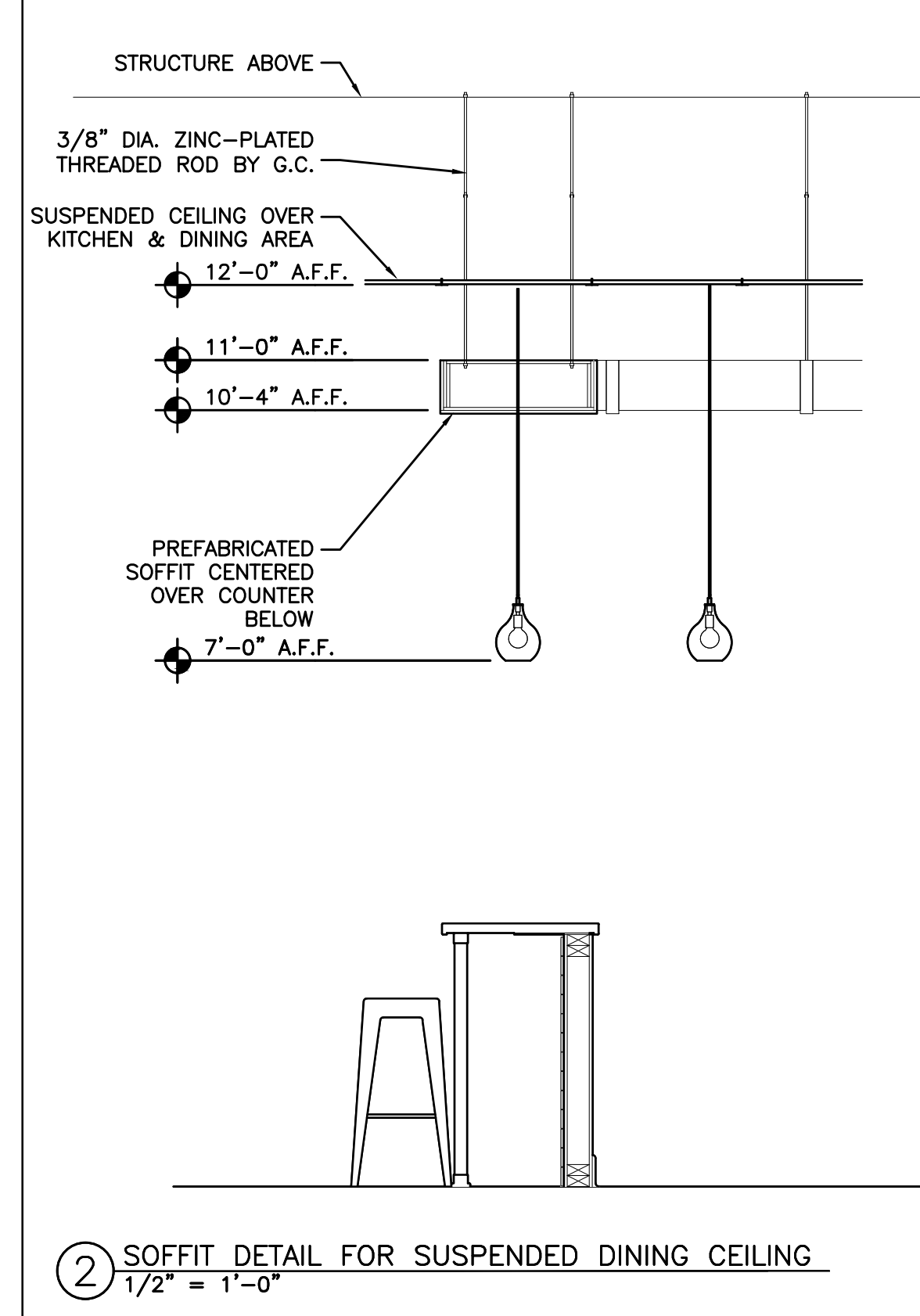
LIGHT FIXTURE SCHEDULE

SYMBOL	TYPE	CATALOG #	DESCRIPTION	SUPPLIER
[Symbol]	A	20800844	2X4 LED FIXTURE	HERMITAGE LIGHTING
[Symbol]	AE	20800852	2X4 LED FIXTURE W / EM	HERMITAGE LIGHTING
[Symbol]	B	20801082	LED MODULE	HERMITAGE LIGHTING
[Symbol]	B	20800761	RECESSED NEW HOUSING	HERMITAGE LIGHTING
[Symbol]	B	20800977	REMODEL HOUSING	HERMITAGE LIGHTING
[Symbol]	CF	50069353	CEILING FAN	HERMITAGE LIGHTING
[Symbol]	CF	518730	FAN SPEED CONTROLLER	HERMITAGE LIGHTING
[Symbol]	CF	522808	CANOPY MODULE	HERMITAGE LIGHTING
[Symbol]	D	72002753	LED STRIP	HERMITAGE LIGHTING
[Symbol]	EF	136186	VENT FAN	HERMITAGE LIGHTING
[Symbol]	EM	90902323	EMERGENCY	HERMITAGE LIGHTING
[Symbol]	MS	527997	MOTION SENSOR	HERMITAGE LIGHTING
[Symbol]	P	86703397	BLUE SEEDED GLASS PENDANT	HERMITAGE LIGHTING
[Symbol]	P	43907403	LAMP	HERMITAGE LIGHTING
[Symbol]	S	6619813	BRONZE WALL SCONCE	HERMITAGE LIGHTING
[Symbol]	S	43907403	LAMP	HERMITAGE LIGHTING
[Symbol]	T	18644197	TRACK HEAD	HERMITAGE LIGHTING
[Symbol]	T	18622804	4' TRACK	HERMITAGE LIGHTING
[Symbol]	T	18622846	8' TRACK	HERMITAGE LIGHTING
[Symbol]	T	18622888	STRAIGHT CONNECTOR	HERMITAGE LIGHTING
[Symbol]	T	18642000	CURRENT LIMITER	HERMITAGE LIGHTING
[Symbol]	T	18641995	CURRENT LIMITER END FEED	HERMITAGE LIGHTING
[Symbol]	X	90900301	EXIT SIGN	HERMITAGE LIGHTING
[Symbol]	XC	90902167	EXIT EMERGENCY COMBO	HERMITAGE LIGHTING
[Symbol]	X2	90903363	MULTIVOLT EGRESS HEAD	HERMITAGE LIGHTING

FOR SPECIAL NATIONAL ACCOUNT PRICING CONTACT: HERMITAGE LIGHTING. ATTN: JD RYAN (615) 843-3394

GENERAL CONTRACTOR TO CONTACT HERMITAGE LIGHTING PRIOR TO INSTALLATION TO OBTAIN FINAL LIGHTING QUOTE BASED OFF APPROVED CONSTRUCTION DRAWINGS.

SOFFIT SECTION DETAIL



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

STUD GAUGE SCHEDULE

A. TABLE BELOW IS BASED ON UNIVERSAL INDUSTRIES, UNIMAST (USG) CORPORATION'S LIMITING HEIGHT TABLE FOR EMBRACED STUDS SPACED 16" AND 24" O.C. (SYSTEM FOLDER SA-923-1990 EDITION), REQUIREMENT FOR 5 PSF LATERAL PRESSURE AND 1/240 ALLOWABLE DEFLECTION FOR FLEXIBLE FINISHES, WITH 1 LAYER OF GYP. BD. PER SIDE OF STUD.

B. SCHEDULED HEIGHTS MAY BE INCREASED BY 50% WHERE THE STUDS ARE DIAGONALLY BRACED AT THE MAXIMUM HEIGHT POINT TO THE STRUCTURE ABOVE @ 4'-0" O.C.

C. CAUTION! WHEN USING STUDS MANUFACTURED BY A COMPANY OTHER THAN USG, VERIFY MANUFACTURER'S STUD STRENGTH AND LIMITING HEIGHT. ADJUST GAUGE AND MAXIMUM HEIGHT RECOMMENDED BY MANUFACTURER'S CURRENT PRINTED SPECIFICATION.

STUD WIDTH	STUD TYPE	STUD GAUGE	STUD SPACING	MAX. HEIGHT
1-5/8"	158ST25	25	16"	9'-6"
	158ST25	25	24"	7'-3"
2-1/2"	212ST25	25	16"	12'-6"
	212ST25	25	24"	10'-9"
	212ST22	22	16"	13'-0"
	212ST22	22	24"	11'-6"
	212ST20	20	16"	14'-0"
3-5/8"	368ST25	25	16"	12'-3"
	368ST25	25	24"	16'-0"
	358ST22	22	16"	13'-6"
	358ST22	22	24"	17'-3"
	358ST20	20	16"	15'-0"
6"	600ST25	25	16"	18'-3"
	600ST25	25	24"	16'-0"

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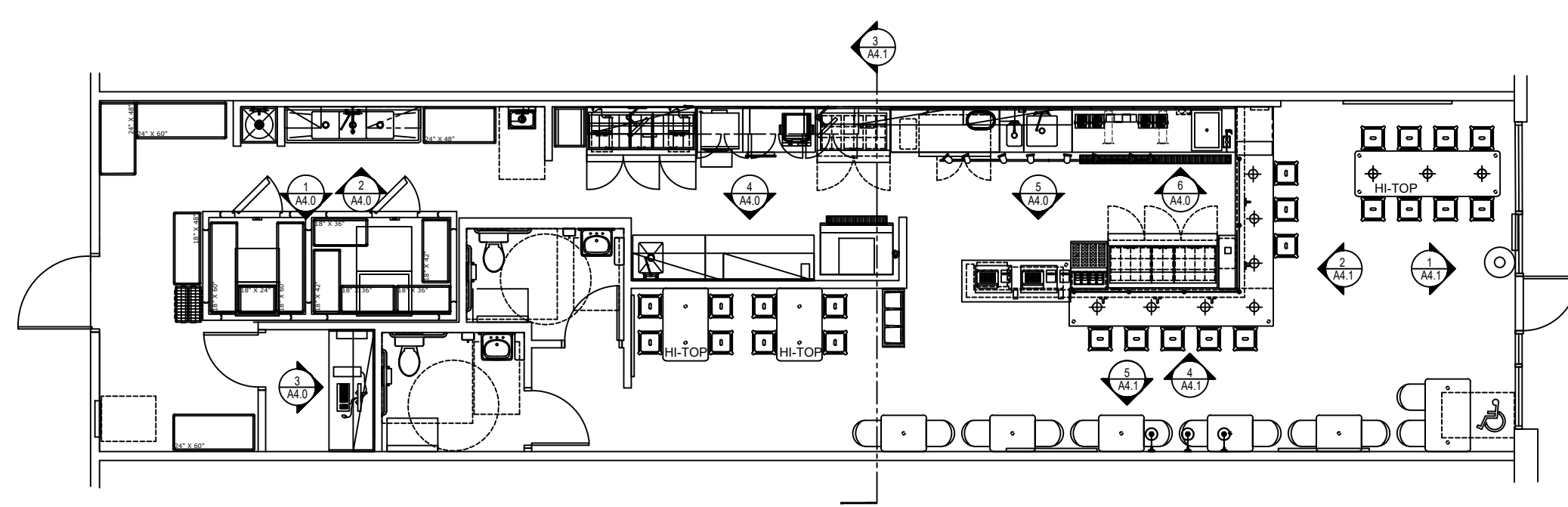
REVISION

DATE: 03.05.2020

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12286
Phoenix, AZ

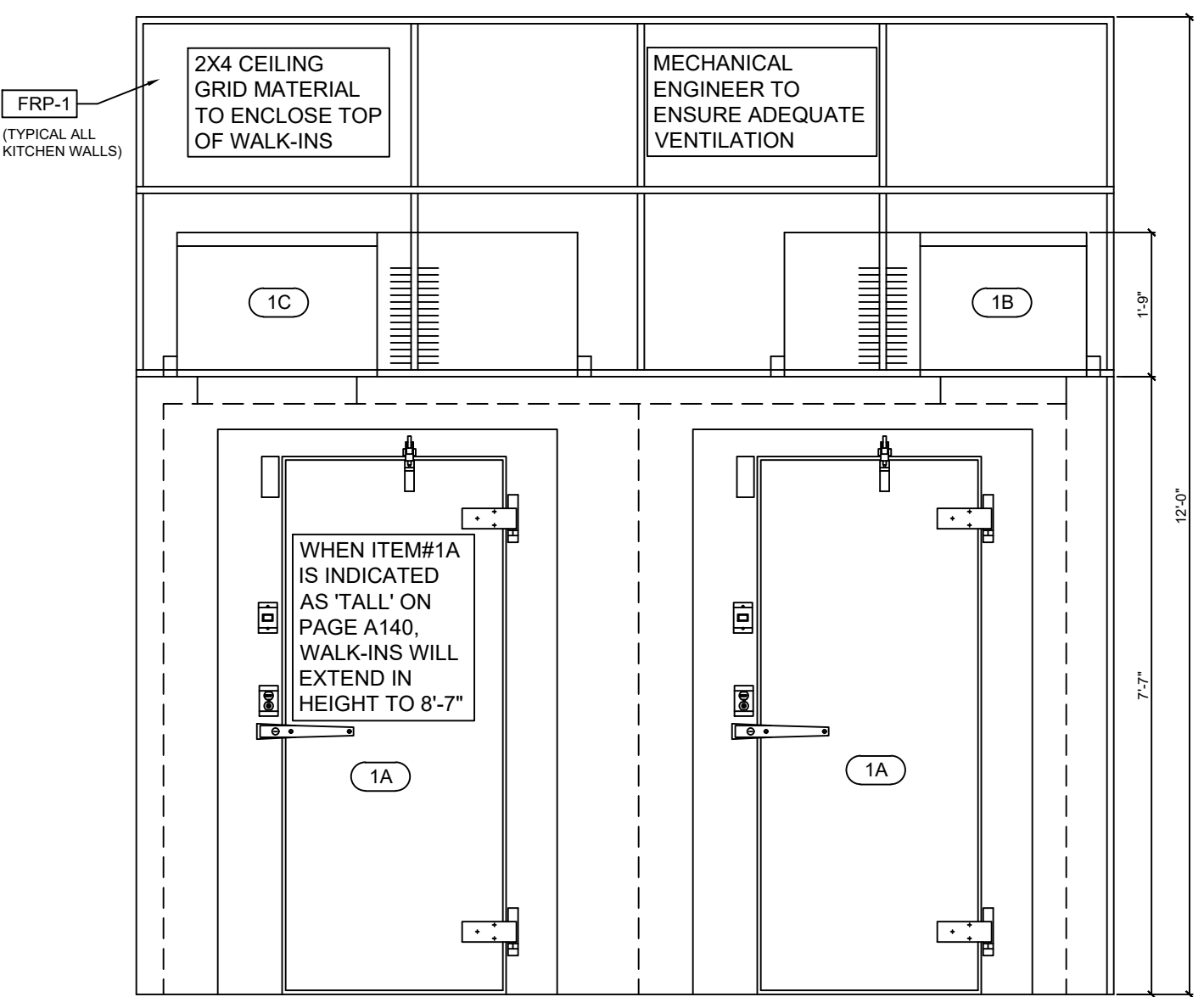
CEILING PLAN

A3.0

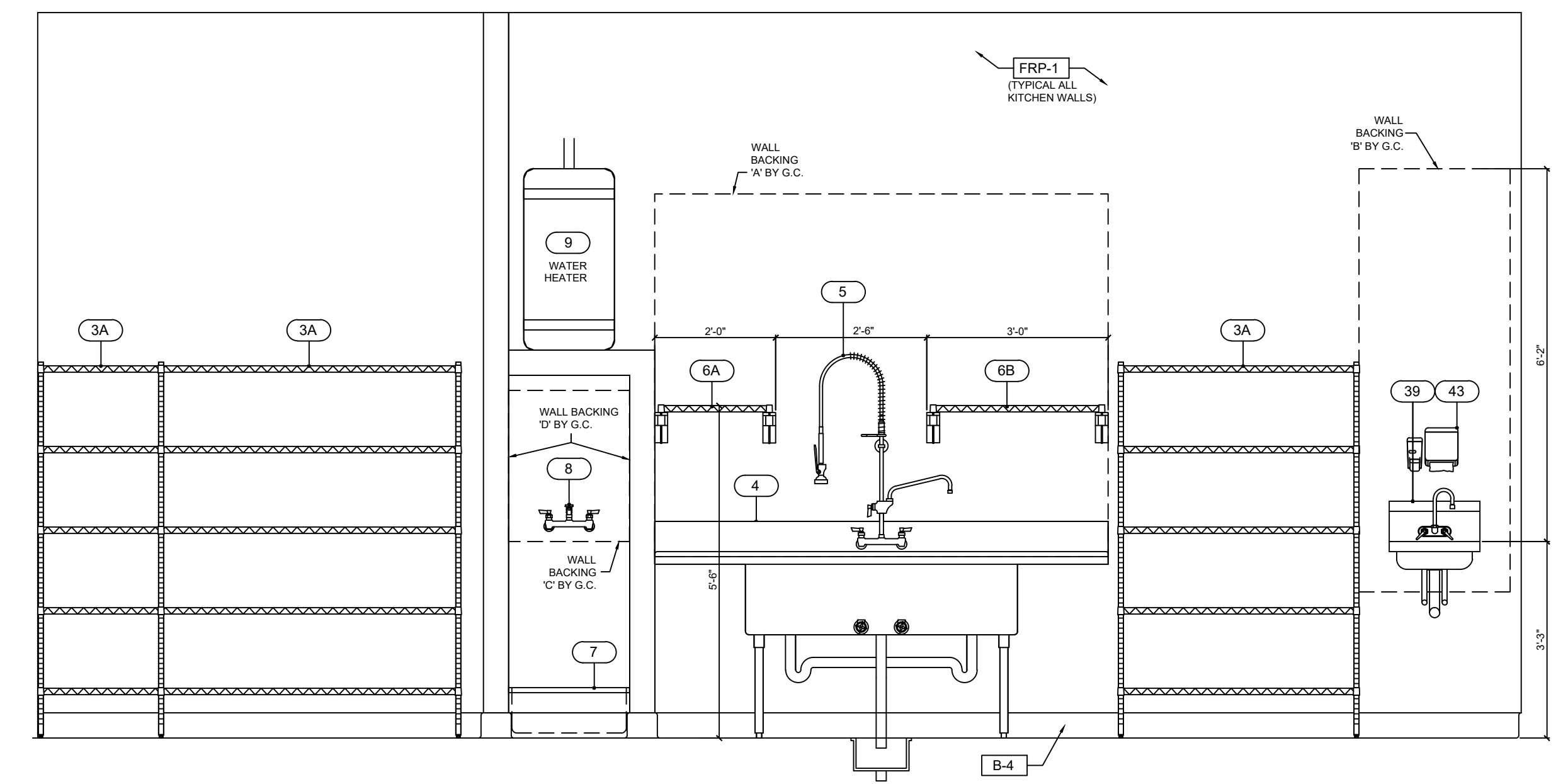


PROPOSED FLOOR PLAN

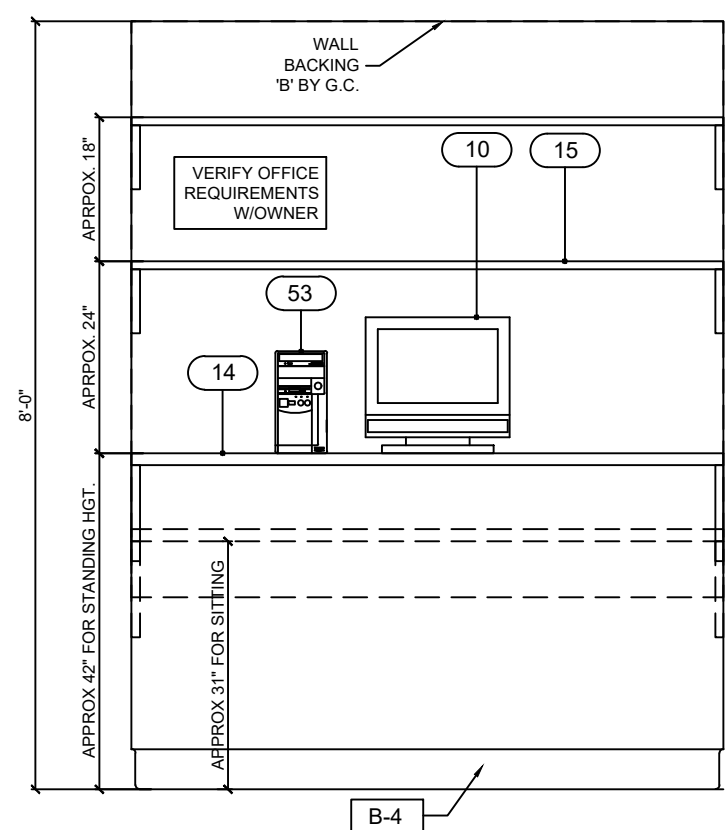
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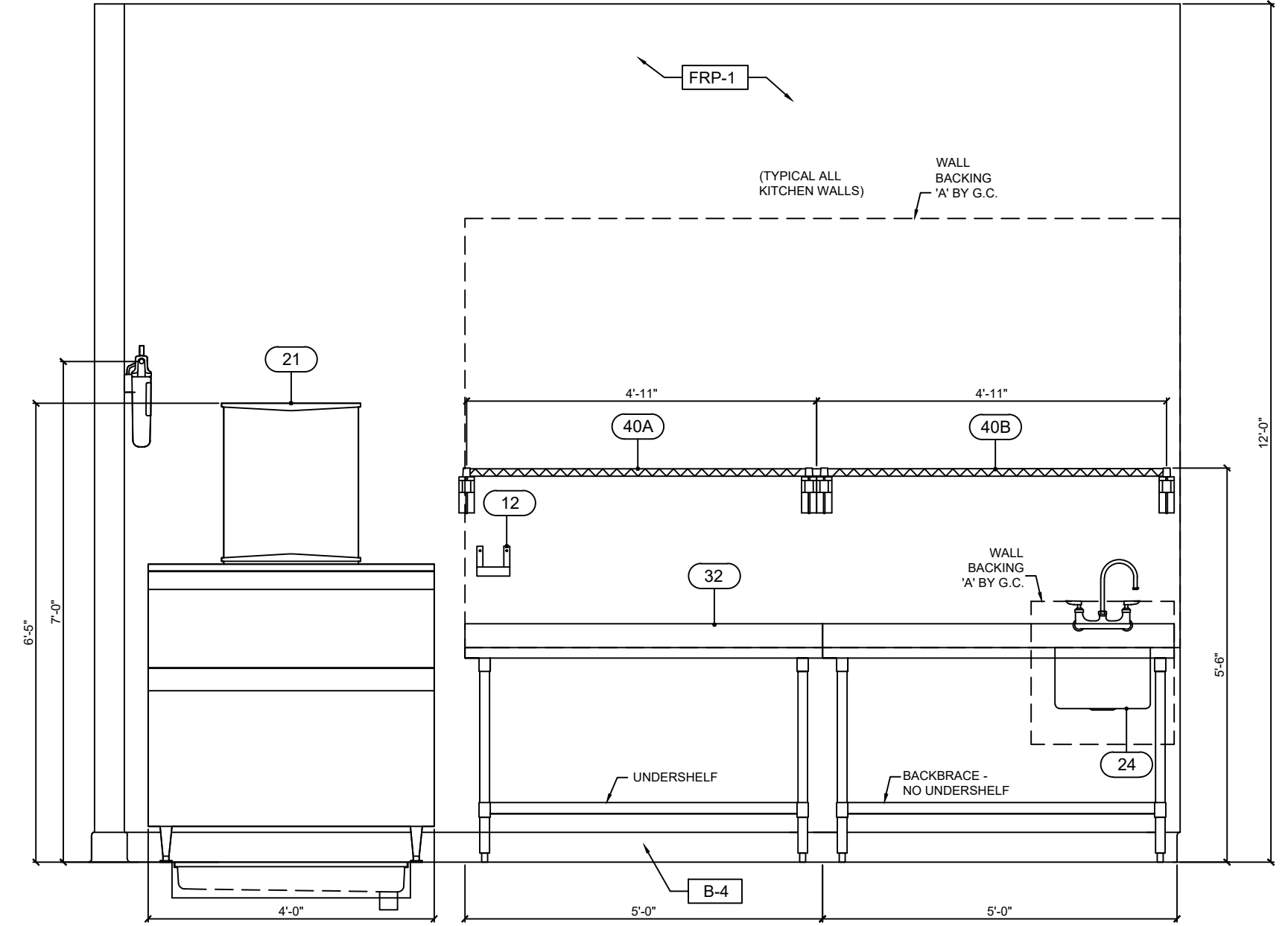
1 REFRIGERATOR ELEVATION



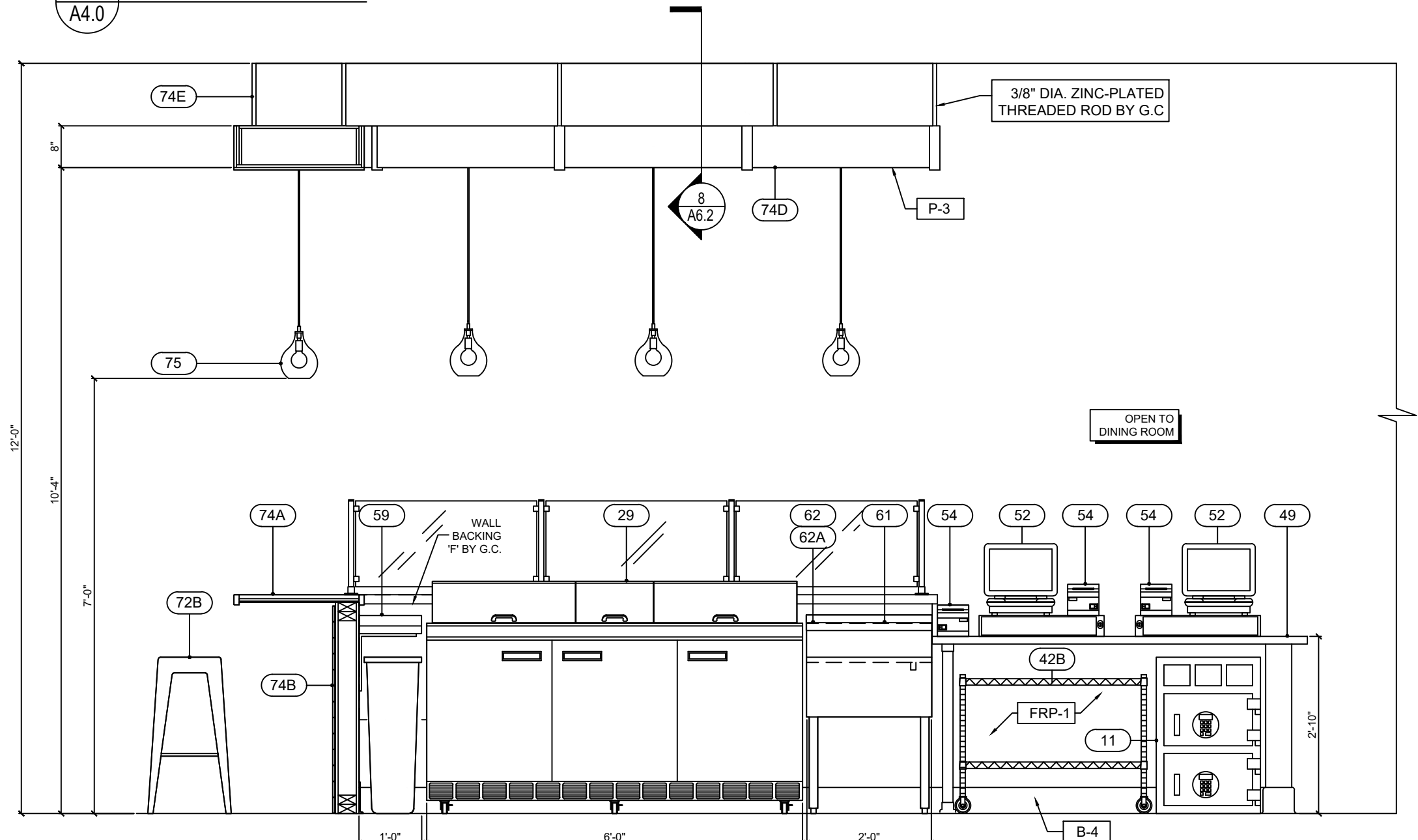
2 SCULLERY ELEVATION



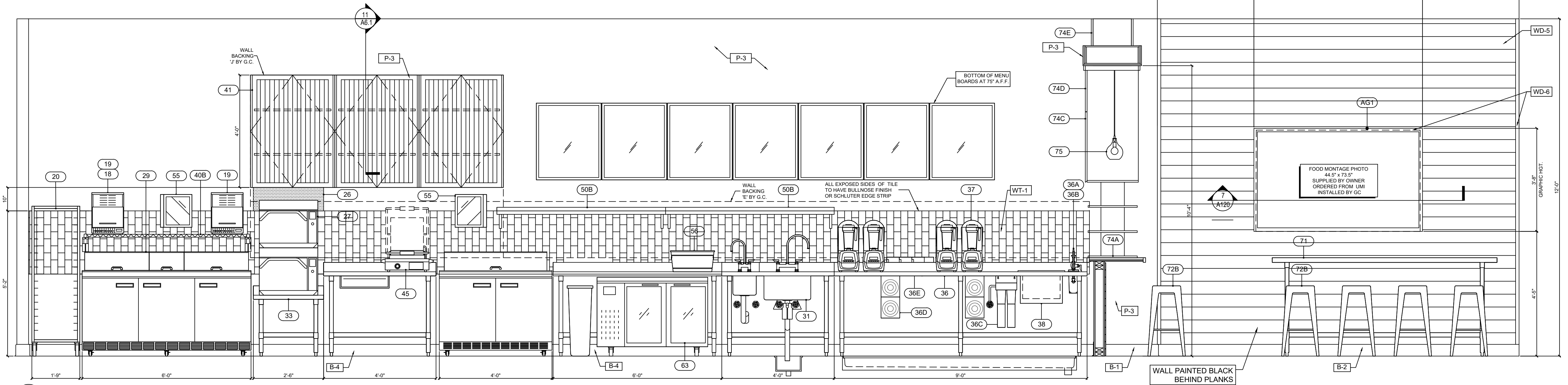
3 DESK ELEVATION & SECTION



4 PREP / ICE ELEVATION



5 FRONT LINE / BACK VIEW ELEVATION



6 BACK LINE / DINING WALL ELEVATION

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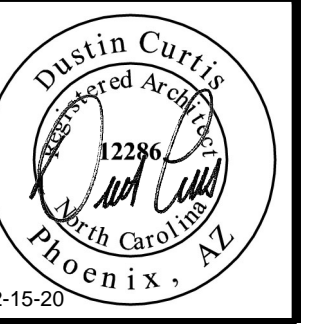
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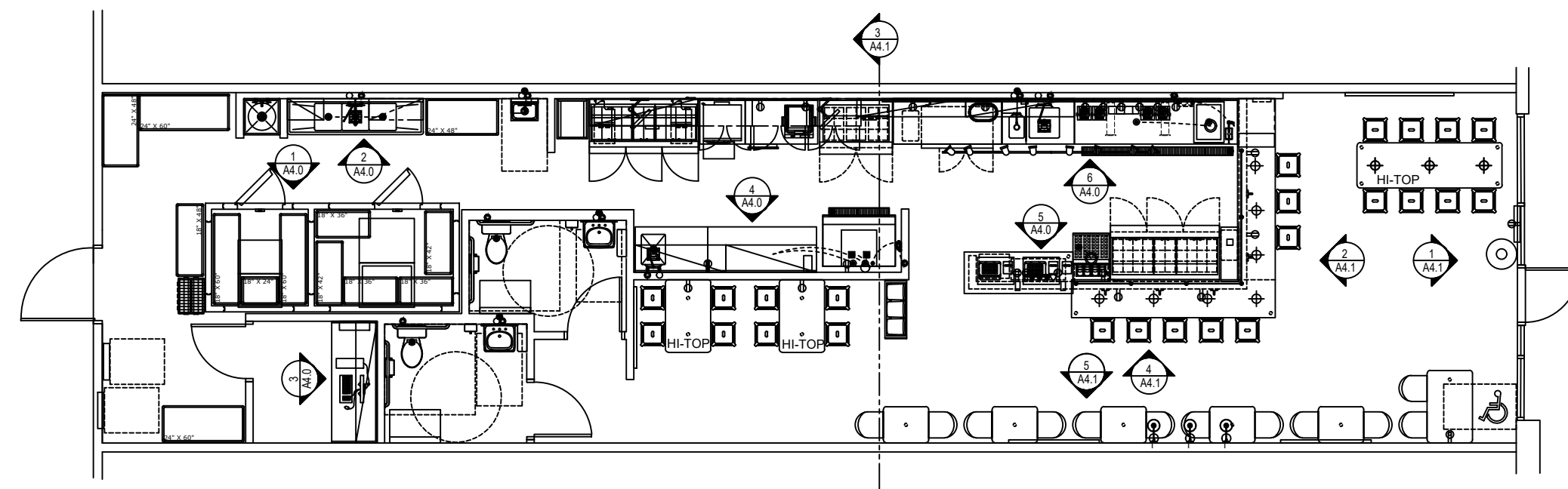
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- 2
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DATE: 03.05.2020



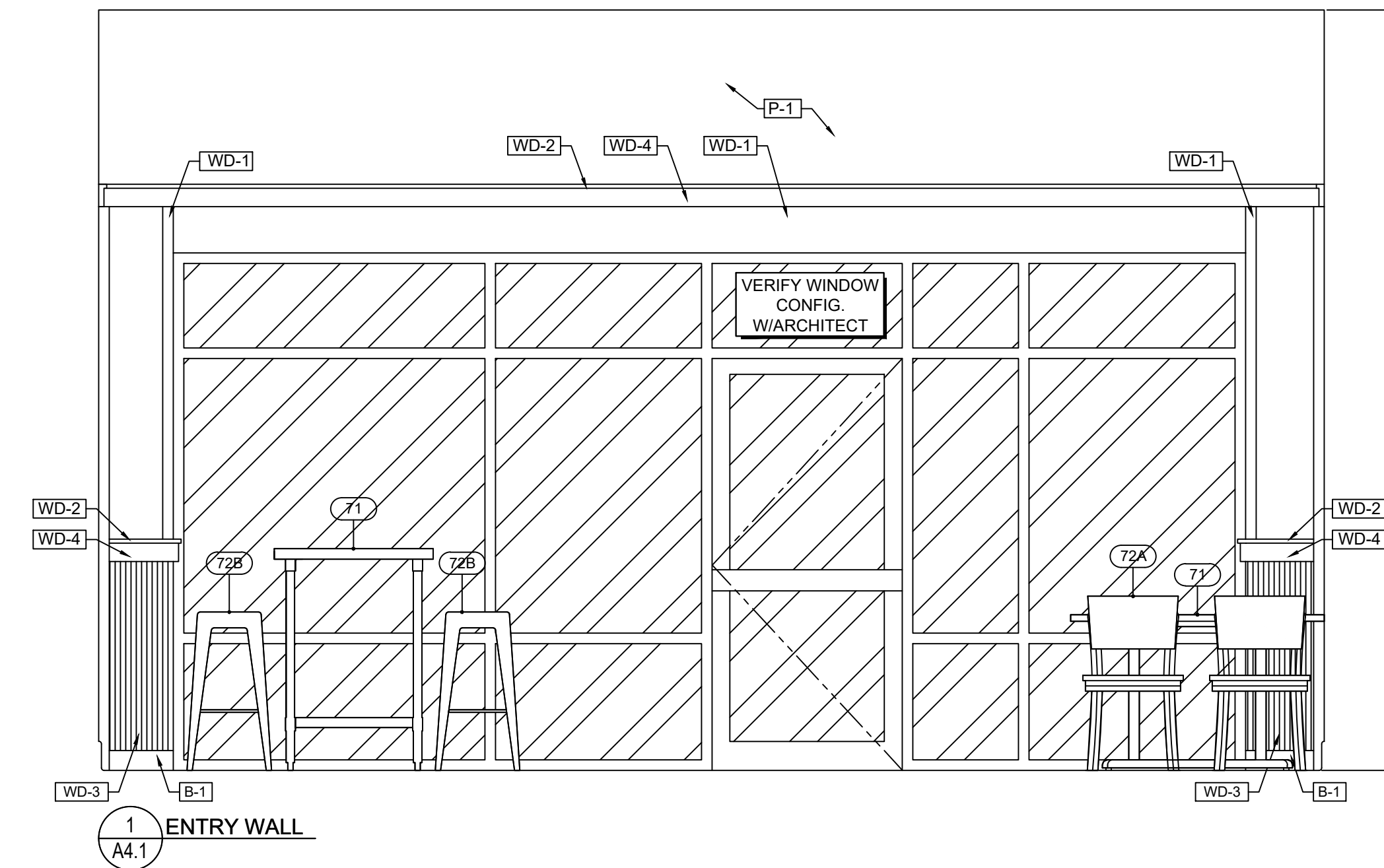
ELEVATIONS

A4.0

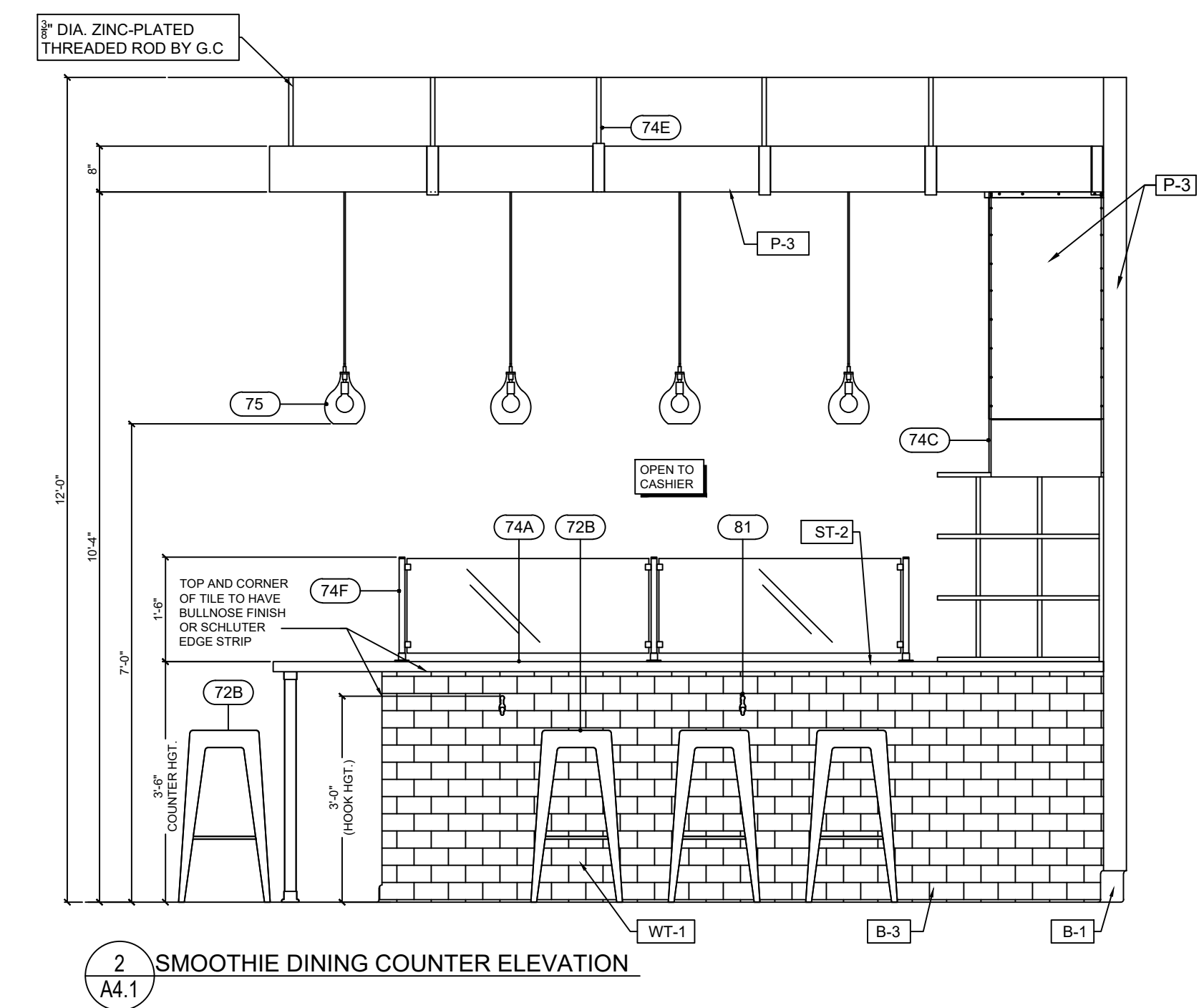


PROPOSED FLOOR PLAN

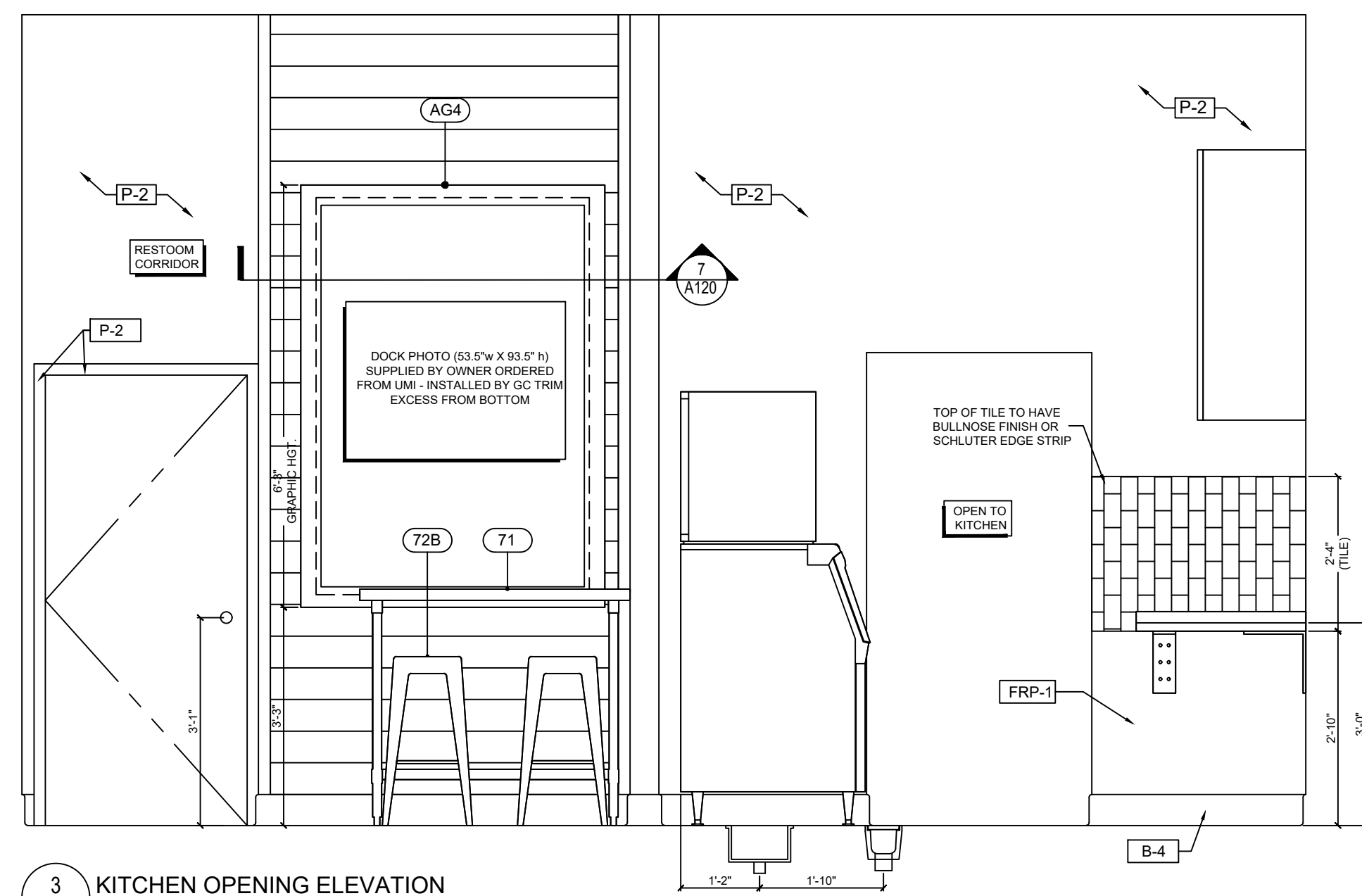
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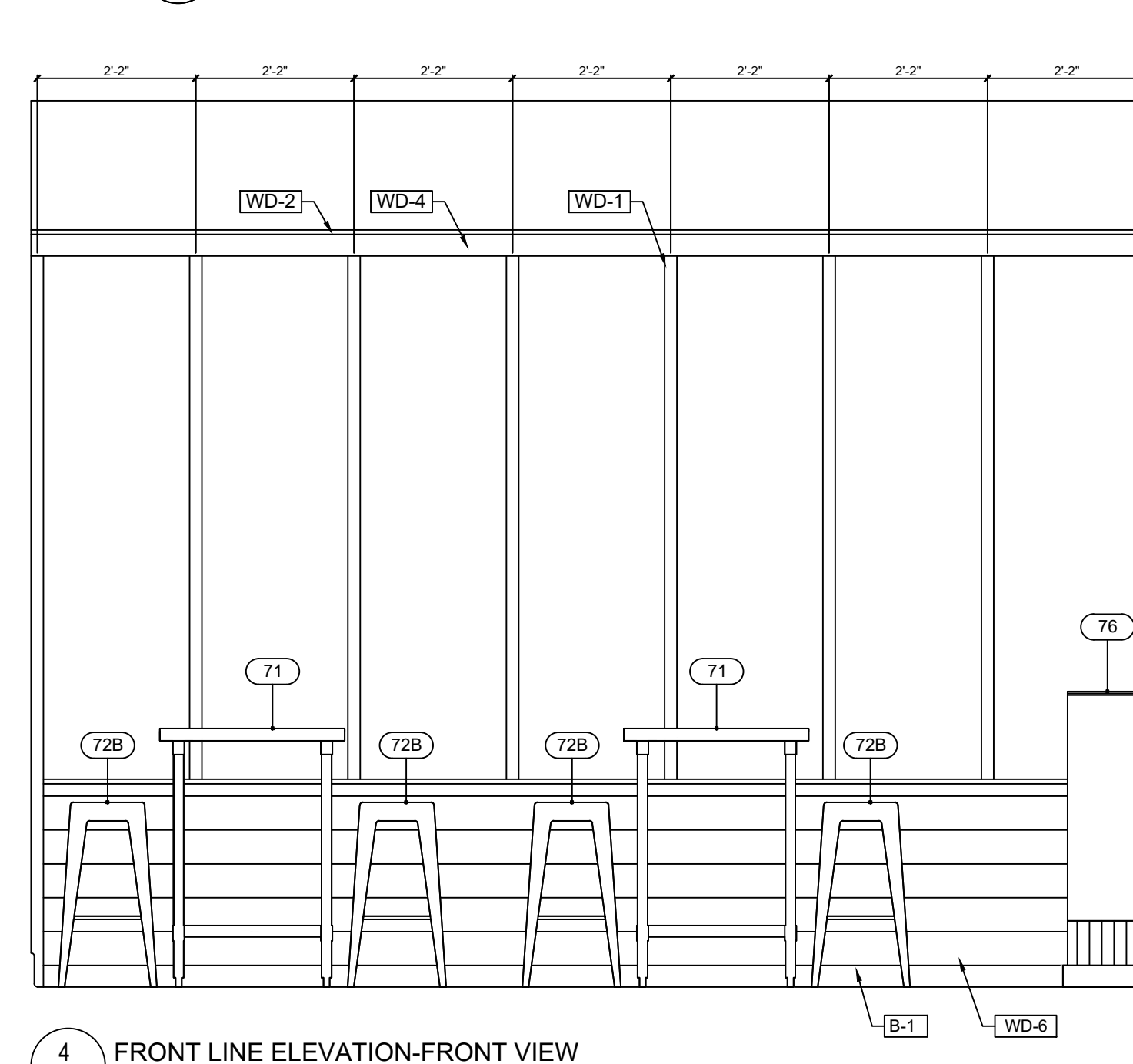
1 ENTRY WALL
A4.1



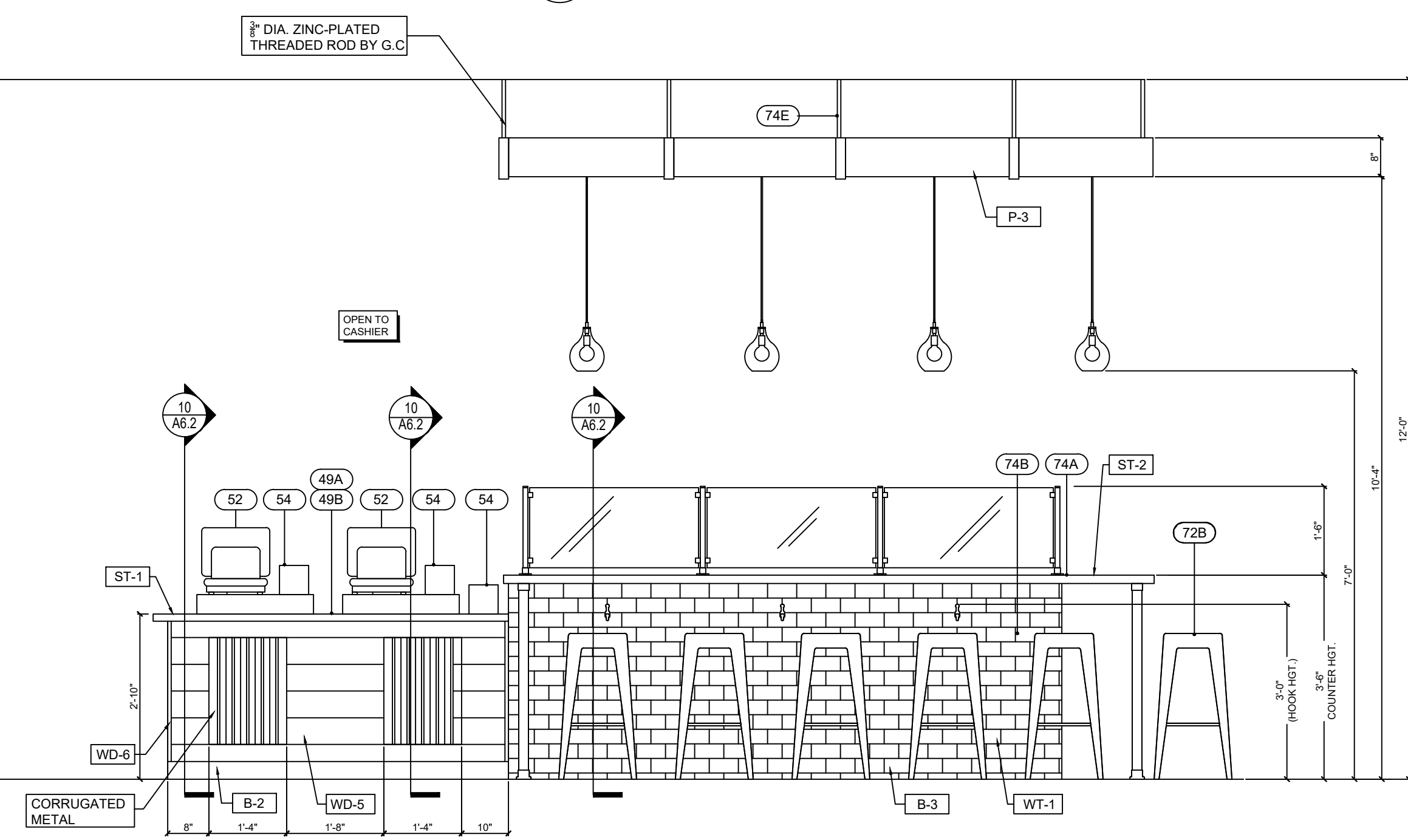
2 SMOOTHIE DINING COUNTER ELEVATION
A4.1



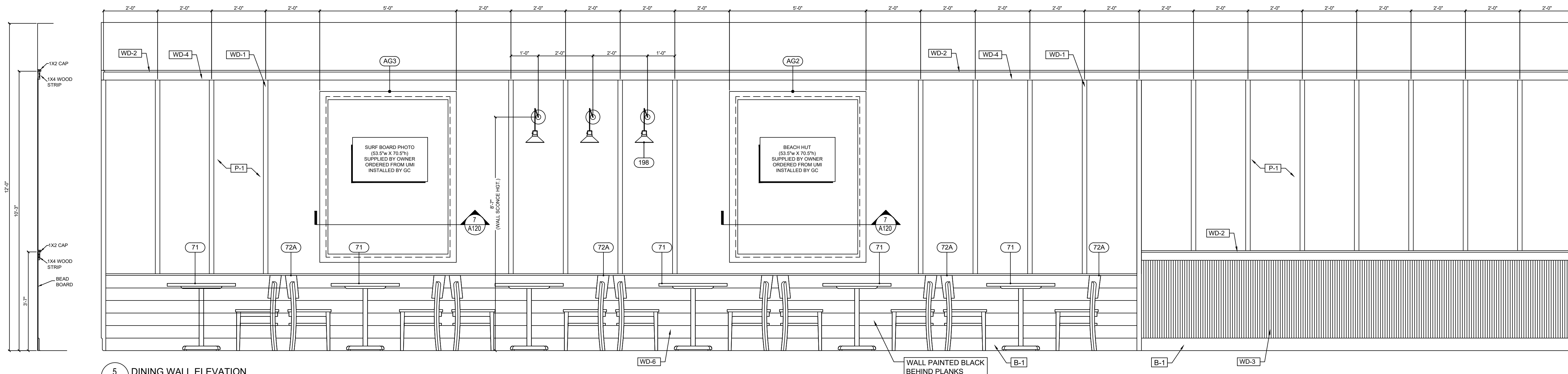
3 KITCHEN OPENING ELEVATION
A4.1



4 FRONT LINE ELEVATION-FRONT VIEW
A4.1



5 COUNTER AREA ELEVATION
A4.1



5 DINING WALL ELEVATION
A4.1

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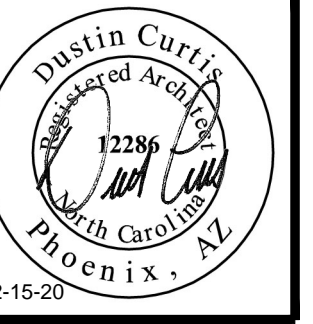
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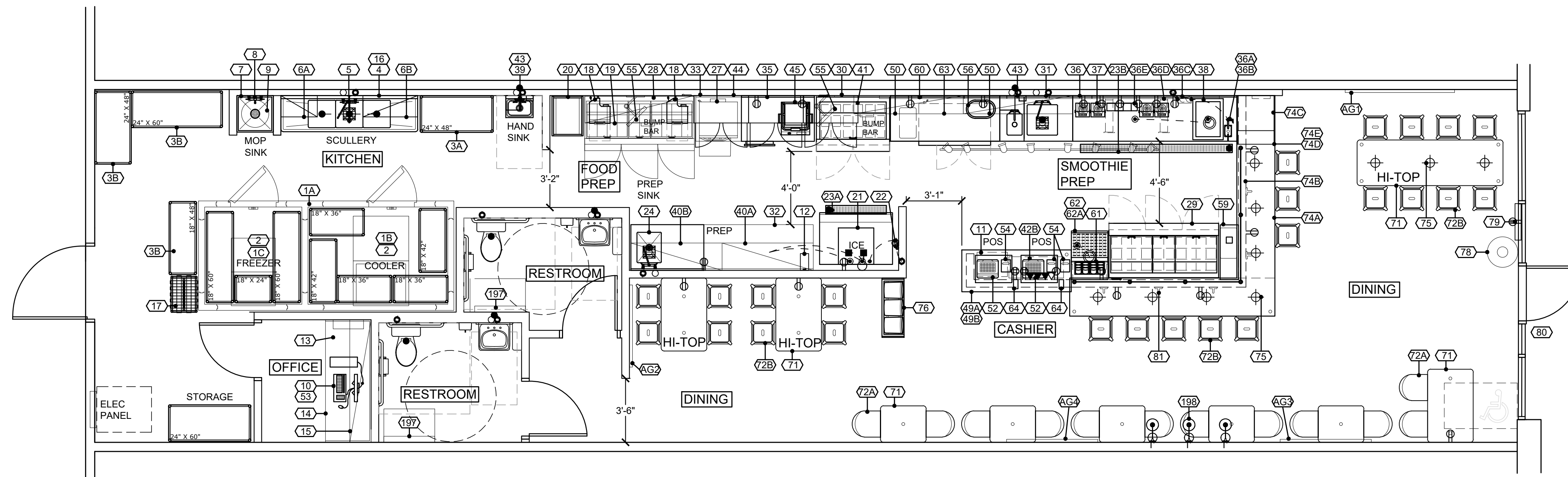
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DATE: 03.05.2020



ELEVATIONS

A4.1



1 EQUIPMENT FLOOR PLAN

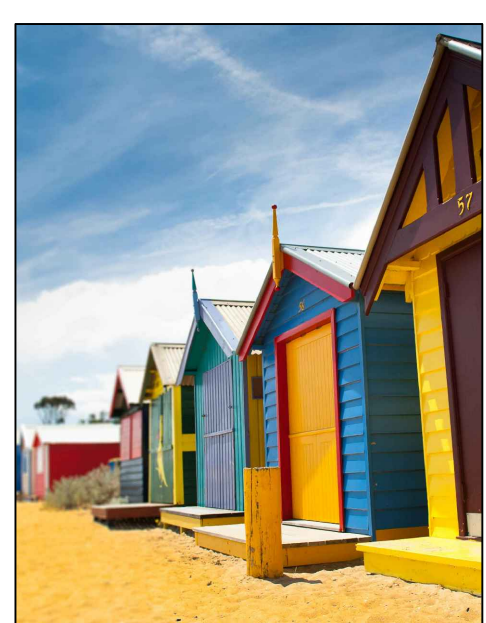
SCALE: 1/4" = 1'-0"

NOTE:
EQ SUPPLIER MUST SEND FINAL ORDER LIST TO NEPTUNE FOR REVIEW AND APPROVAL PRIOR TO ORDERING.

SIGNATURE OF APPROVAL OF REVIEW
TROPICAL SMOOTHIE CAFE _____
EQUIPMENT SUPPLIER _____
NEPTUNE DESIGN GROUP _____

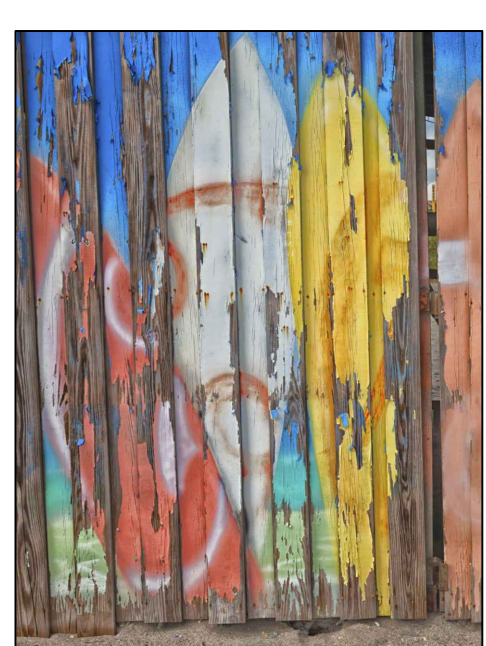
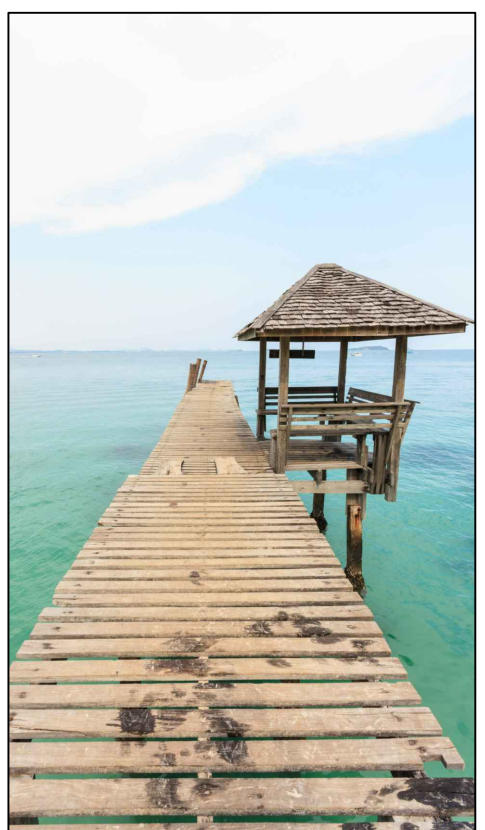
NOTE:
REFERENCE SHOP DRAWINGS FROM NEPTUNE ARE AVAILABLE TO GC UPON REQUEST, TO BE USED AS A REFERENCE ONLY. ORIGINAL SHOP DRAWINGS SHOULD BE PRODUCED FOR THIS SPECIFIC LOCATION AND SENT TO NEPTUNE FOR REVIEW.

NOTE:
TENANT & GC TO LOCATE & APPROVE EXACT LOCATION & WIRING OF LOW VOLTAGE SPEAKERS & SECURITY CAMERA. PRIOR TO INSTALL - THESE DOCUMENTS ARE USED FOR REFERENCE ONLY & FINAL PLACEMENT OF CAMERAS & SPEAKERS MUST BE APPROVED BY TENANT & COORDINATED BY INSTALLING CONTRACTOR. GC IS RESPONSIBLE FOR ALL LOW VOLTAGE EQUIPMENT WHICH INCLUDES BUT IS NOT LIMITED TO ALL AUDIO/VIDEO, MICROS, CAT 5, AND SPEAKERS.



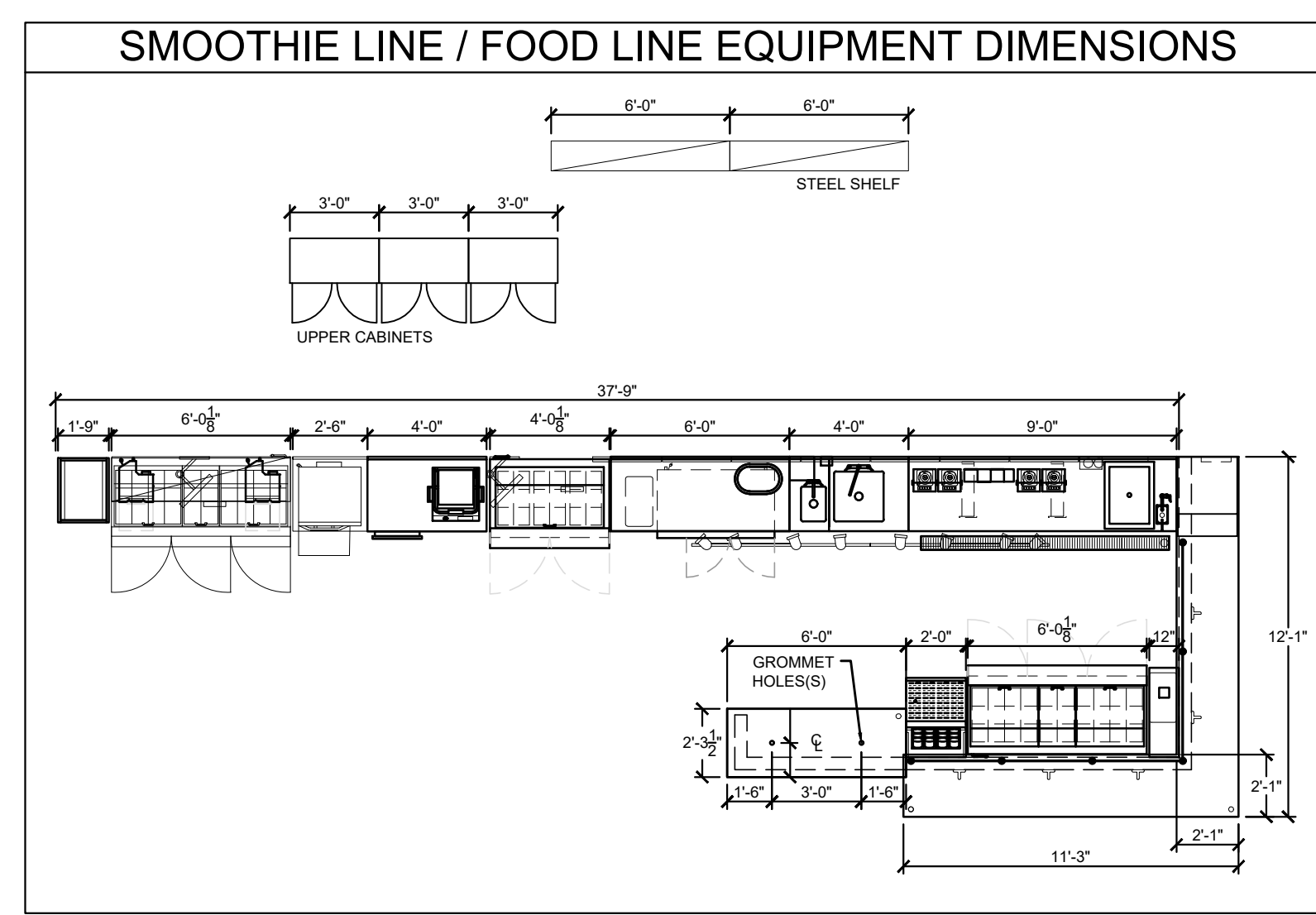
2 ARTWORK (AG-1)
SCALE: NTS

4 ARTWORK (AG-3)
SCALE: NTS



3 ARTWORK (AG-2)
SCALE: NTS

5 ARTWORK (AG-4)
SCALE: NTS



NO.	QTY.	DESCRIPTION	PROVIDER	VENDOR	INSTALL
AG-1	1	FOOD MONTAGE PHOTO	F	UMI	GC
AG-2	1	DOCK PHOTO	F	UMI	GC
AG-3	1	BEACH HUT PHOTO	F	UMI	GC
AG-4	1	SURF BOARD PHOTO	F	UMI	GC
AG-5	0	PALM TREE PHOTO	F	UMI	GC

NO.	QTY	EQUIPMENT DESCRIPTION	PROVIDER	VENDOR	INSTALL	FIN. CON.
BACK OF HOUSE EQUIPMENT						
1A	1	WALK-IN COOLER / FREEZER COMBO UNIT	F	EV	GC	EC
1B	1	COOLER REFRIGERATION, SELF-CONTAINED	F	EV	GC	EC
1C	1	FREEZER REFRIGERATION, SELF-CONTAINED	F	EV	GC	EC
2	8	WALK-IN COOLER / FREEZER SHELVING	F	EV	GC	-
3A	1	75" TALL DRY STORAGE SHELVING (EPOXY COATED)	F	EV	EV	-
3B	4	75" TALL DRY STORAGE SHELVING (ZINC COATED)	F	EV	EV	-
4	1	THREE COMPARTMENT SINK	F	EV	EV	PC
5	1	PRE-RINSE FAUCET	F	EV	EV	PC
6A	1	WALL SHELF, WIRE (EPOXY COATED), 14" X 24"	F	EV	EV	-
6B	1	WALL SHELF, WIRE (EPOXY COATED), 14" X 36"	F	EV	EV	-
7	1	MOP SINK	GC	SPS	GC	PC
8	1	SERVICE FAUCET	GC	SPS	GC	PC
9	1	WATER HEATER	GC	SPS	GC	EC/PC
10	LOT	SURVEILLANCE SYSTEM	F	VLL	V	V
11	1	SAFE	F	EV	EV	-
12	1	PRINTER WITH SHELF	F	JOLT	GC	V
13	1	POS PATCH PANEL	F	M	RTG	RTG
14	1	MANAGER'S DESK	F	EV	GC	-
15	1	WALL SHELVES	F	EV	GC	-
16	LOT	WAREWASHING & SANITIZING PRODUCTS	F	C	C	-
17	1	18" X 24" DUNNAGE RACK	F	EV	EV	-
18	2	ON QUE OVEN	F	EV	EV	-
19	1	18" X 72" ON QUE SHELF	F	EV	EV	-
20	1	MOBILE CART	F	EV	EV	-
SMOOTHIE LINE / FOOD LINE EQUIPMENT						
21	1	ICE MAKER W / BIN	F	EV	EV	EC/PC
22A	1	WATER FILTER, 3-STAGE	F	EV	EV	PC
22B	1	ICE MACHINE TREATMENT SYSTEM	F	EV	EV	PC
23A	1	CHANNEL DRAIN, 5" (3'-4" LONG)	GC	SPS	PC	PC
23B	1	CHANNEL DRAIN, 5" (8'-4" LONG)	GC	SPS	PC	PC
24	1	PREP SINK, 30" X 48"	F	EV	EV	PC
25	-	SPARE NUMBER	-	-	-	-
26	-	SPARE NUMBER	-	-	-	-
27	2	MICROWAVE CONVECTION OVEN	F	EV	EV	-
28	1	REFRIGERATED PREP TABLE, 30 PAN	F	EV	EV	-
29	1	REFRIGERATED PREP TABLE, 30 PAN	F	EV	EV	-
30	1	REFRIGERATED PREP TABLE, 18 PAN	F	EV	EV	-
31	1	WORK TABLE W/HAND SINK & DUMP SINK, 30" X 48"	F	EV	EV	PC
32	1	WORK TABLE, 30" X 72"	F	EV	EV	-
33	1	EQUIPMENT STAND, 30" X 30" (26" HGT.)	F	EV	EV	-
34	-	SPARE NUMBER	-	-	-	-
35	1	WORK TABLE, 30" X 48", WITH UTENSIL DRAWER	F	EV	EV	-
36	1	BLENDER TABLE, 30" X 108"	F	EV	EV	PC
36A	1	WATER SPIGOT	F	EV	EV	PC
36B	1	WATER CONTAINER, DROP-IN	F	EV	EV	-
36C	1	WATER FILTER, 2-STAGE	F	EV	EV	PC
38D	4	CUP DISPENSER	F	EV	EV	-
36E	1	LID DISPENSER	F	EV	EV	-
37	4	BLENDER, BAR TYPE	F	EV	EV	-
38	1	ICE BIN, DROP-IN	F	EV	EV	PC

EQUIPMENT DELIVERY NOTES:
THE GC IS TO COORDINATE THE DELIVERY OF THE EQUIPMENT WITH EQUIP SUPPLIER. IT IS THE RESPONSIBILITY OF THE FRANCHISEE OR THEIR AGENT TO ACCEPT DELIVERY AND TO INSPECT FOR DAMAGE AND SHORTAGES. IN THE ABSENCE OF THE FRANCHISEE OR THEIR AGENT THE CONTRACTOR WILL ACCEPT DELIVERY. DAMAGE AND SHORTAGES MUST BE NOTATED ON THE RECEIVING DOCUMENT OR BILL OF LADING SUPPLIED BY THE FREIGHT CARRIER. THE PARTY RECEIVING DELIVERY IS LIABLE FOR DAMAGE AND MISSING ITEMS, UNLESS NOTED ON THE RECEIVING DOCUMENT OR BILL OF LADING. CONTACT EQ SUPPLIER WITH ANY ISSUES ABOUT DAMAGES, SHORTAGES, OR WHATEVER SHIPMENT SHOULD BE REFUSED. IF IN DOUBT, SIGN FOR THE DELIVERY AS DAMAGED, TAKE PHOTOS OF THE DAMAGED ITEMS IN ITS ORIGINAL PACKAGING AND RETAIN ALL ORIGINAL PACKING MATERIALS. ONCE A DELIVERY IS RECEIVED, INSPECT DELIVERABLES FOR CONCEALED DAMAGE, AND REPORT DAMAGES TO EQ SUPPLIER IMMEDIATELY SO A CONCEALED DAMAGE CLAIM CAN BE MADE. ALL CONCEALED DAMAGE MUST BE REPORTED BACK TO EQ SUPPLIER WITHIN 24 HOURS OF RECEIPT OF EQUIPMENT OR NO CONCEALED FREIGHT CLAIM WILL HAVE TIME TO PROCESS. ALL ORIGINAL DAMAGED PACKING MATERIALS MUST BE KEPT FOR INSPECTION.

HEALTH DEPT ICE MACHINE NOTES:
PROPER ICE HANDLING PRACTICES (BAR AND KITCHEN) WASH HANDS BEFORE GETTING ICE FROM ICE MAKING MACHINE. HOLD ONLY THE ICE SCOOP HANDLE AND NOT OTHER PARTS OF THE SCOOP. DO NOT SCOOP ICE USING WATER GLASSES OR CUPS AND NEVER HANDLE THE ICE WITH HANDS. DO NOT RETURN UNUSED ICE TO THE ICE MACHINE/ICE BIN. KEEP DOORS OF THE ICE MAKING MACHINE CLOSED EXCEPT WHEN REMOVING ICE. ICE SCOOPS SHOULD BE STORED OUTSIDE THE ICE MAKER AND KEPT IN A CLEAN CONTAINER. ICE SCOOP & CONTAINER SHOULD BE WASHED & SANITIZED REGULARLY. DO NOT STORE ANYTHING SUCH AS FOOD, DRINKS, FRUIT ETC. IN THE ICE MACHINE. NEVER USE THE ICE MAKING MACHINE AS A REFRIGERATOR! CLEAN THE ICE MAKING MACHINE REGULARLY AND FIX ALL PROBLEMS IDENTIFIED. BACKFLOW PREVENTER IS REQUIRED AND PROVIDED- SEE PLUMBING SHEETS. ICE BIN AND ICE CHEST IS EQUIPPED WITH LIDS.

TYPE	HGT.	LOCATION	REMARKS
A	72"	FROM 36" TO 108" A.F.F.	OVERSHELVES AND ICE FILTER
B	84"	FROM 24" TO 108" A.F.F.	HAND SINK AND OFFICE
C	30"	FROM 39" TO 69" A.F.F.	MOP SINK FAUCET BRACKET
D	12"	FROM 48" TO 69" A.F.F.	MOP RACK
E	24"	FROM 42" TO 66" A.F.F.	FRONT WALL SHELVES
F	VARIABLES	FROM 18" TO TOP OF HALF-HOT WALL	WALL MOUNTED WORK TOP
G	30"	FROM 24" TO 54" A.F.F.	RESTROOM FIXTURES
H	24"	FROM 18" TO 42" A.F.F.	WALL MOUNTED WORK TOP
J	78"	FROM 42" TO 120" A.F.F.	FRONT WALL CABINETS

ABBR.	ABBREVIATION DESCRIPTION
F	FRANCHISEE
EV	EQUIPMENT VENDOR
GC	GENERAL CONTRACTOR
EC	ELECTRICAL CONTRACTOR
PC	PLUMBING CONTRACTOR
CC	CONTRACTOR'S CHOICE
OC	OWNER'S CHOICE
LJ	LOCAL JURISDICTION
SC	SIGN COMPANY
VLL	VERIFY WITH LANDLORD
V	VENDOR
M	MICROS
RTG	RETAIL TECHNOLOGY GROUP
UMI	ULTERIOR MOTIVES INTERNATIONAL
HL	HERMITAGE LIGHTING
MMM	MUZAK (MOOD MEDIA)
C	CINTAS
UC	UTILITY COMPANY
SFS	SEE FINISH SCHEDULE
SPS	SEE PLUMBING SCHEDULE
INSTALL	EQUIPMENT INSTALLER
FIN. CON.	FINAL CONNECTIONS
DT	DRIVE-THRU
DBL	DOUBLE SHELVES

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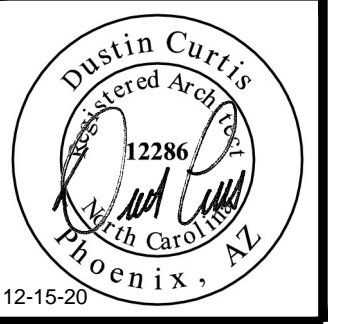
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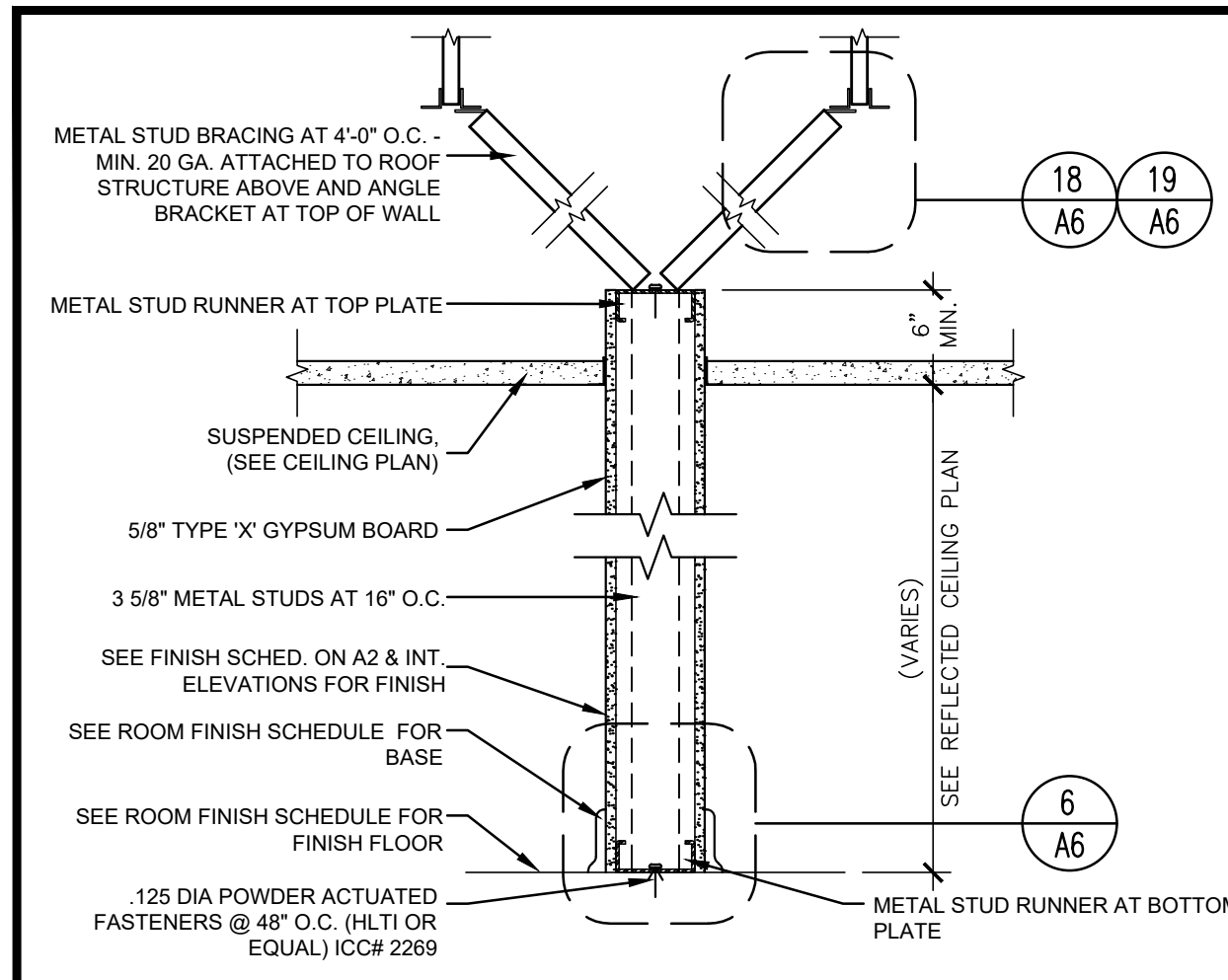
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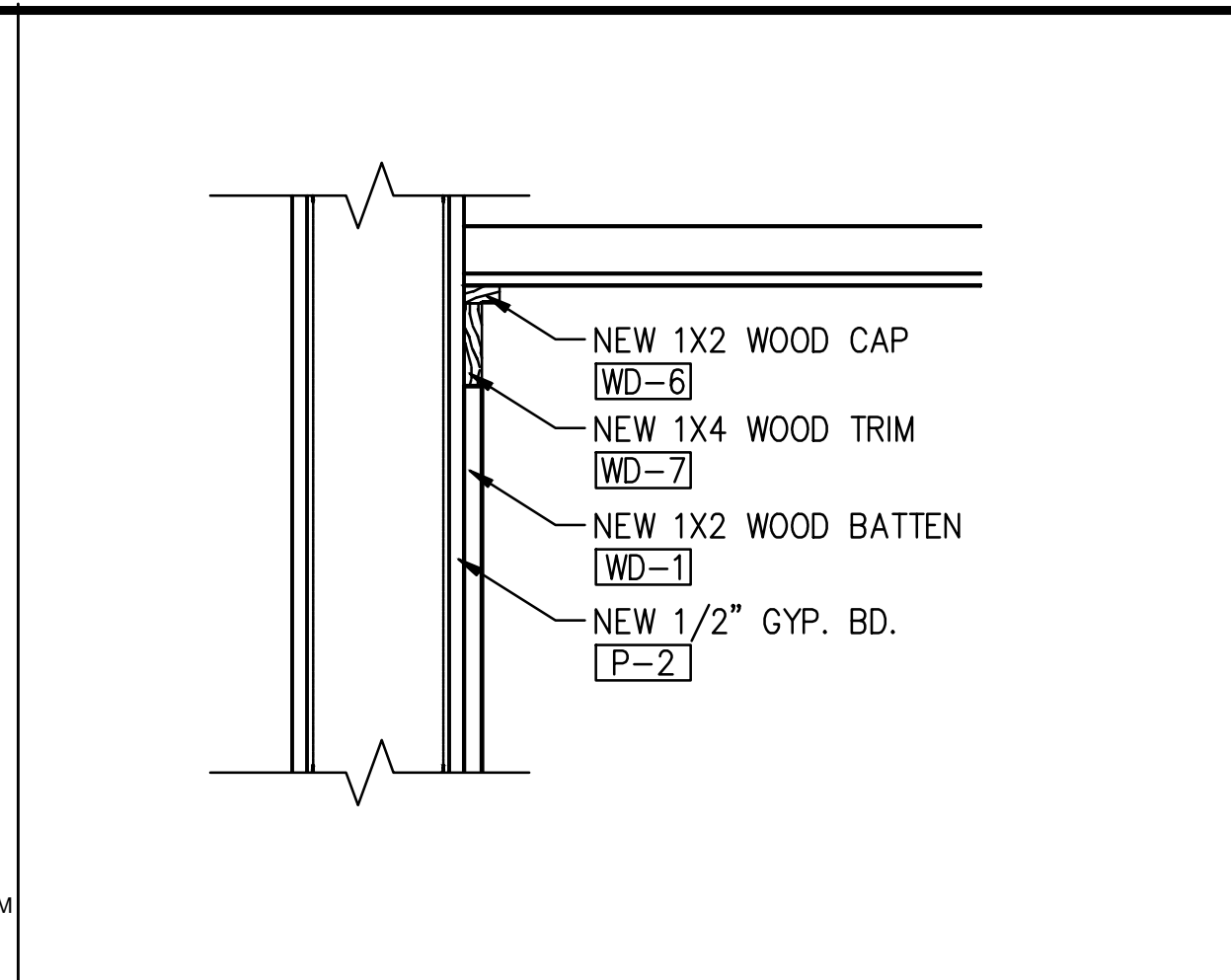


EQUIPMENT PLAN

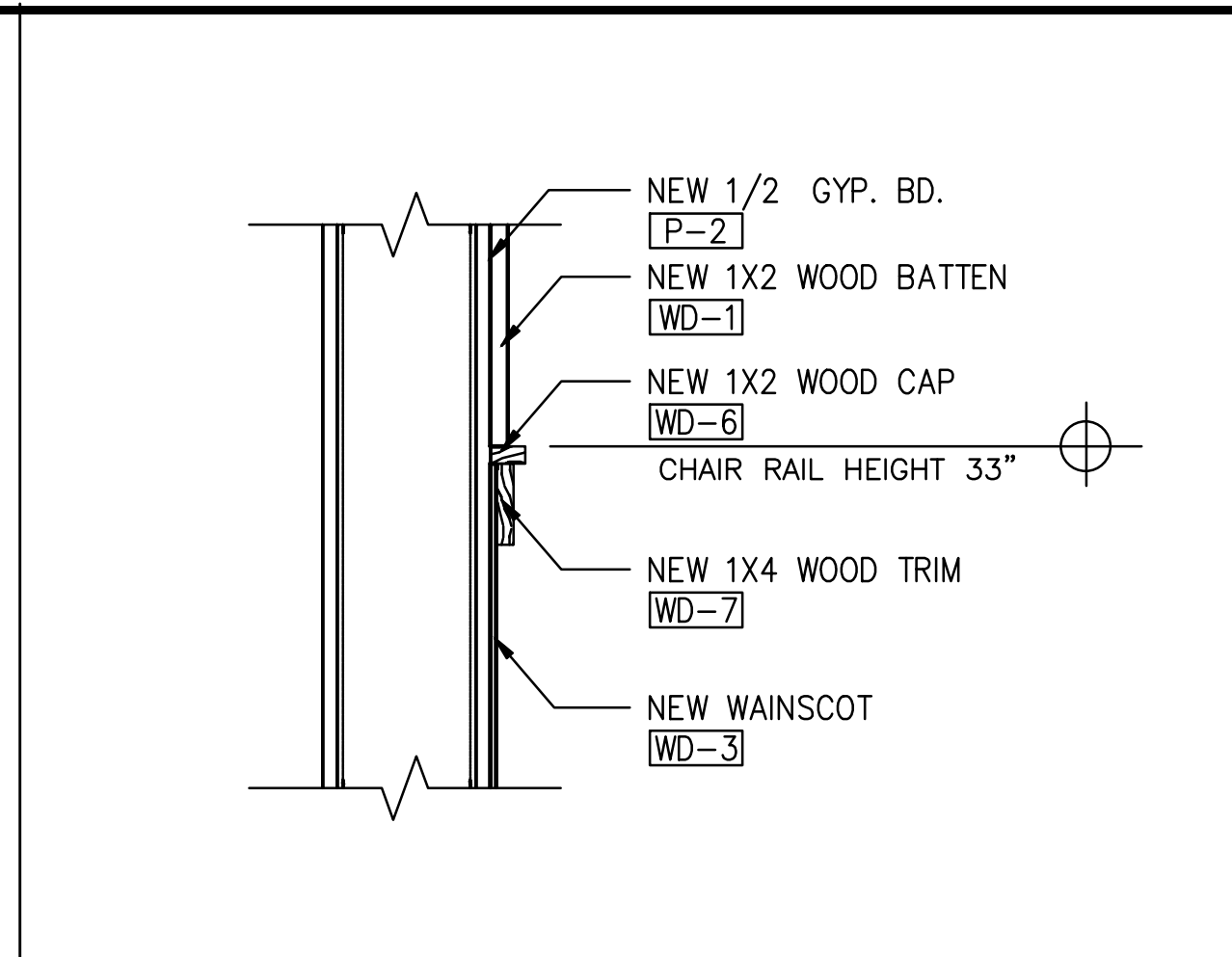
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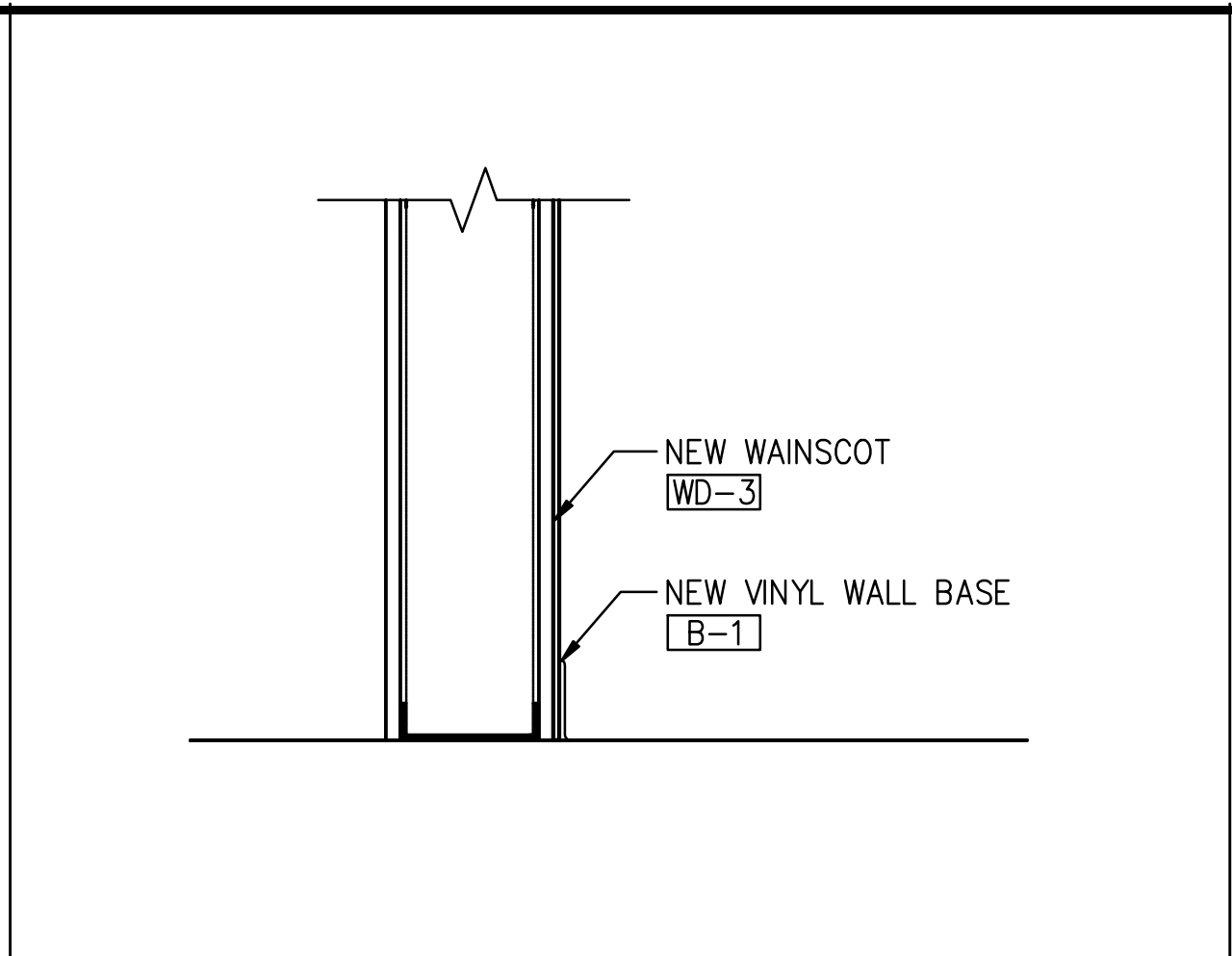
16 WALL PARTITION SCALE = N.T.S.



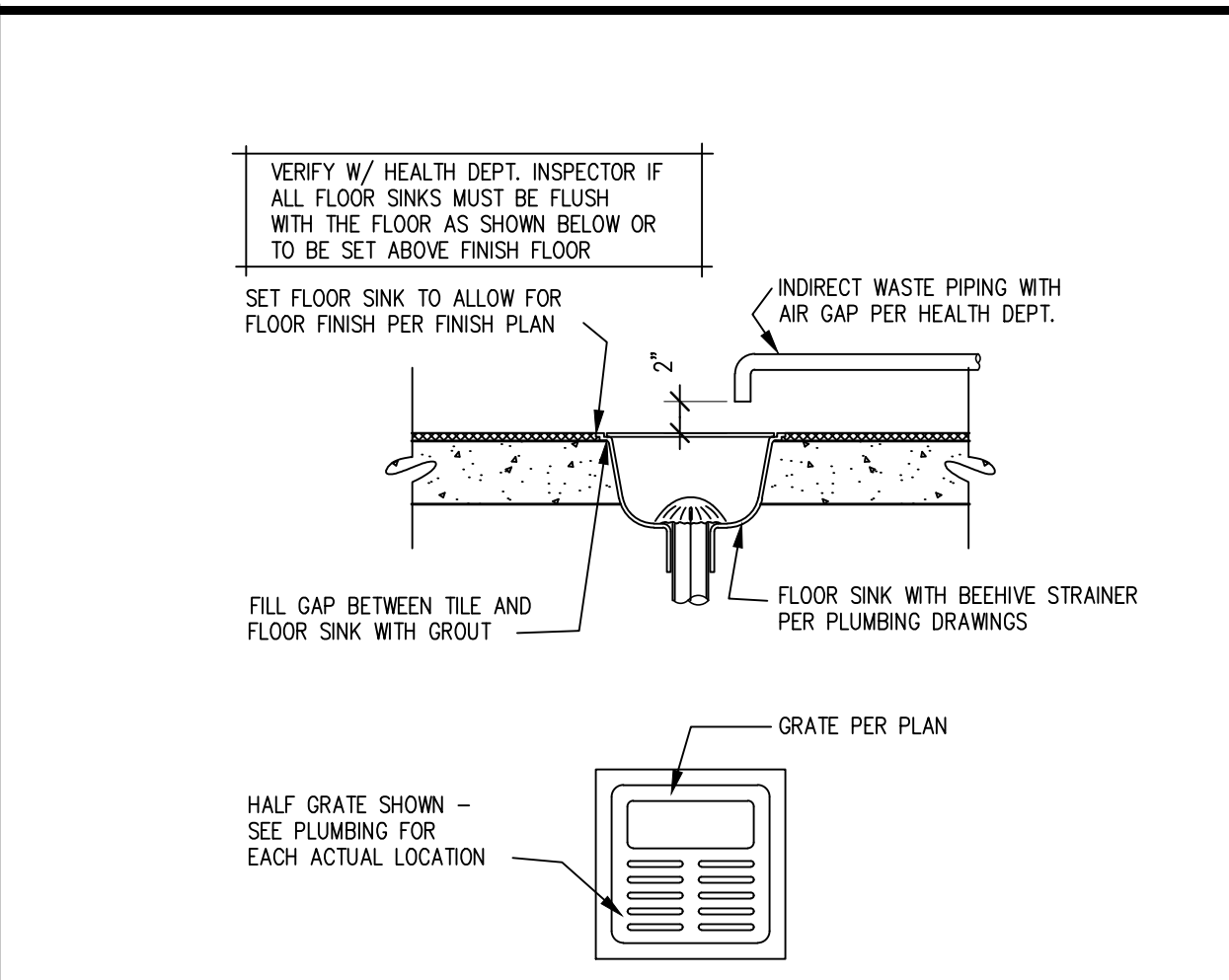
13 CEILING TRIM DETAIL SCALE = N.T.S.



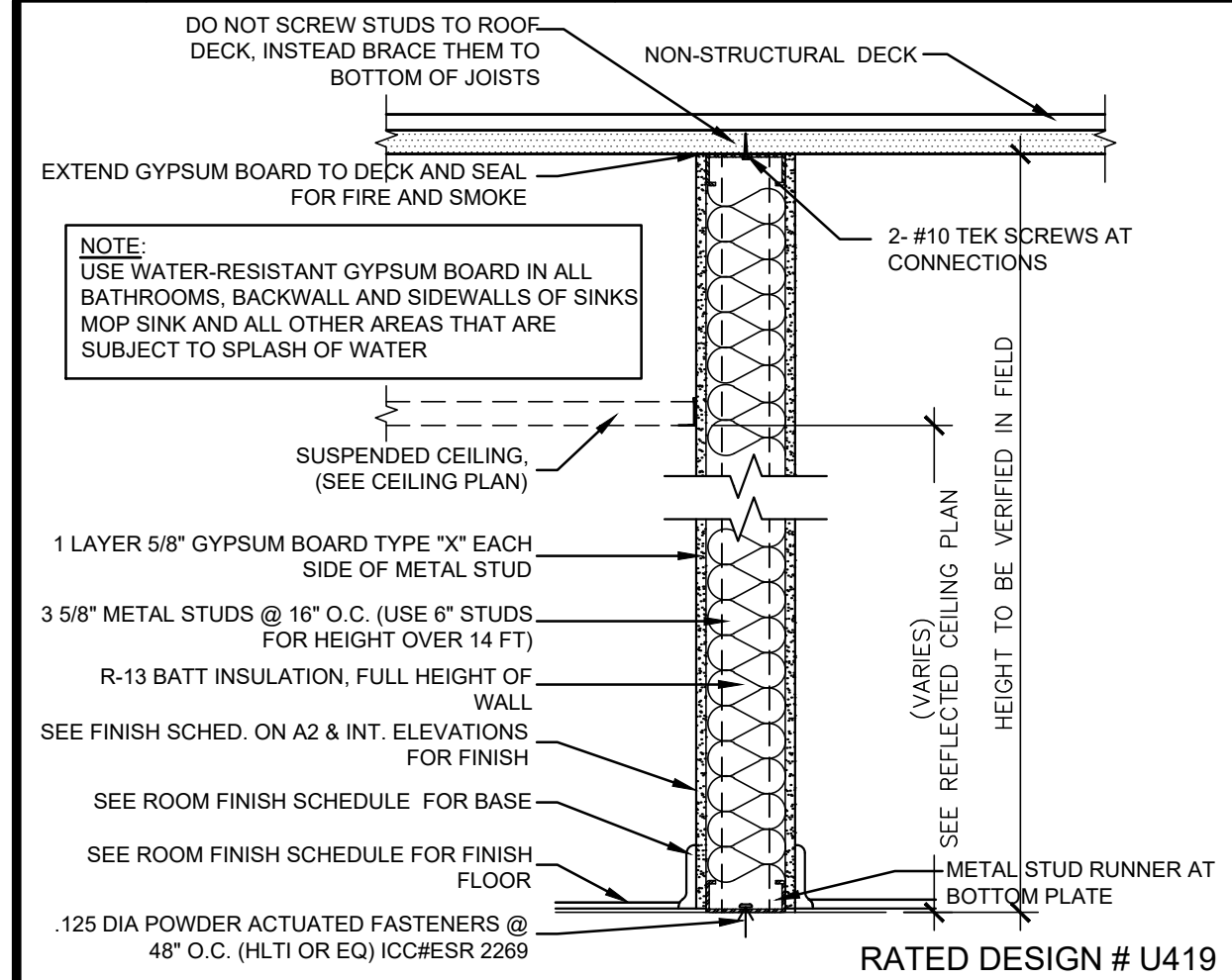
9 CHAIR RAIL DETAIL SCALE = N.T.S.



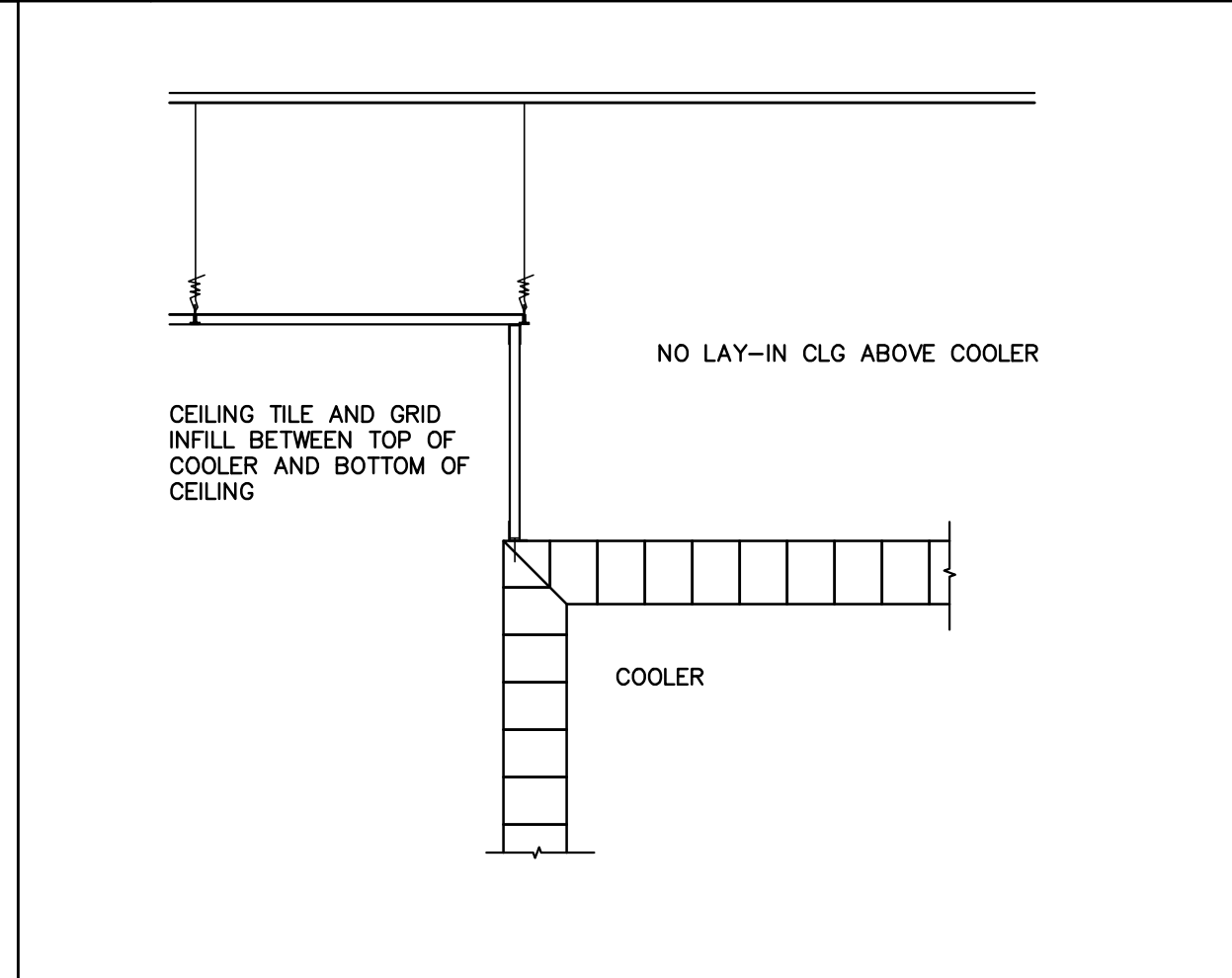
5 WALL BASE DETAIL SCALE = N.T.S.



1 FLOOR SINK DETAIL SCALE = N.T.S.



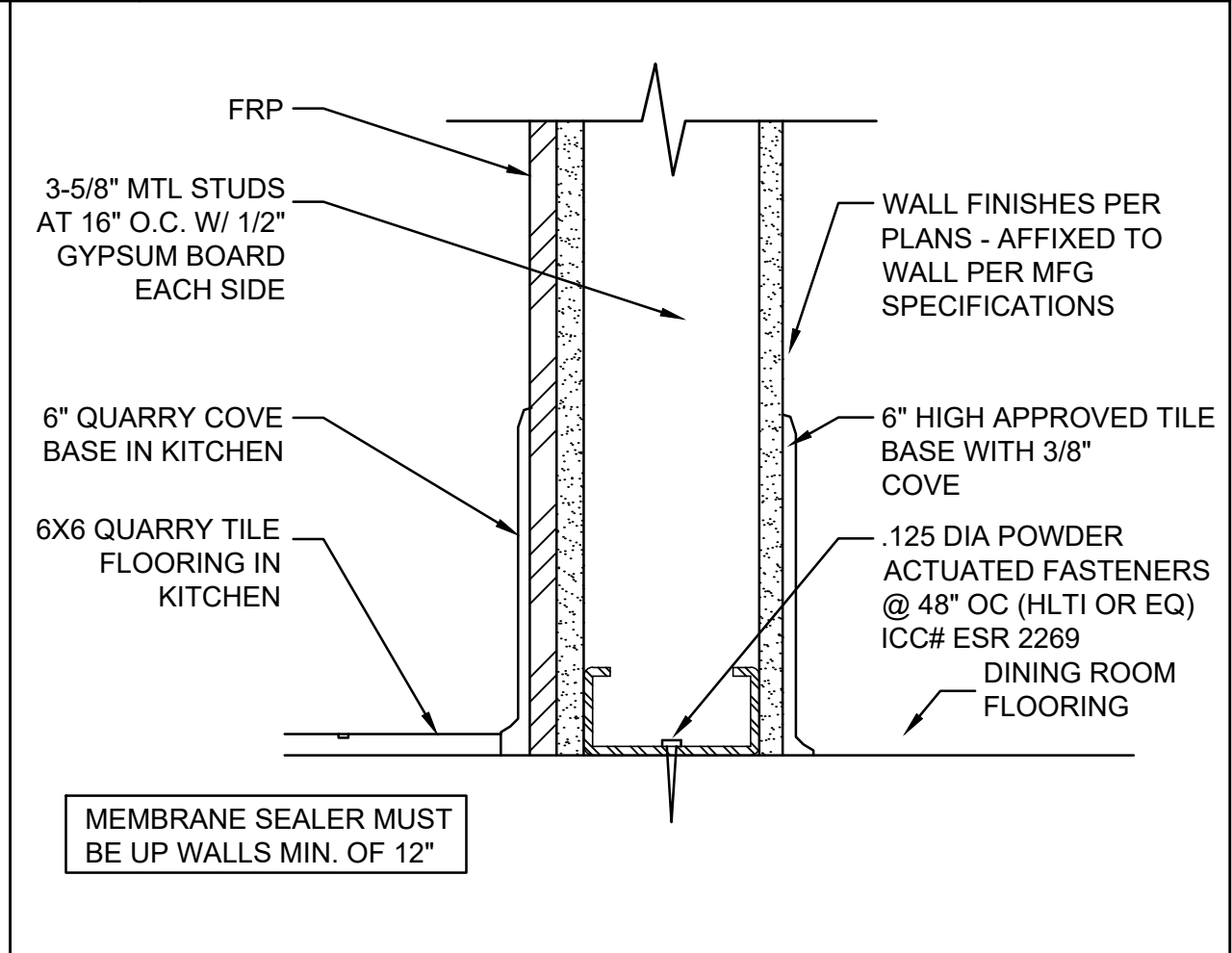
17 1 HR RATED WALL ASSEMBLY SCALE = N.T.S.



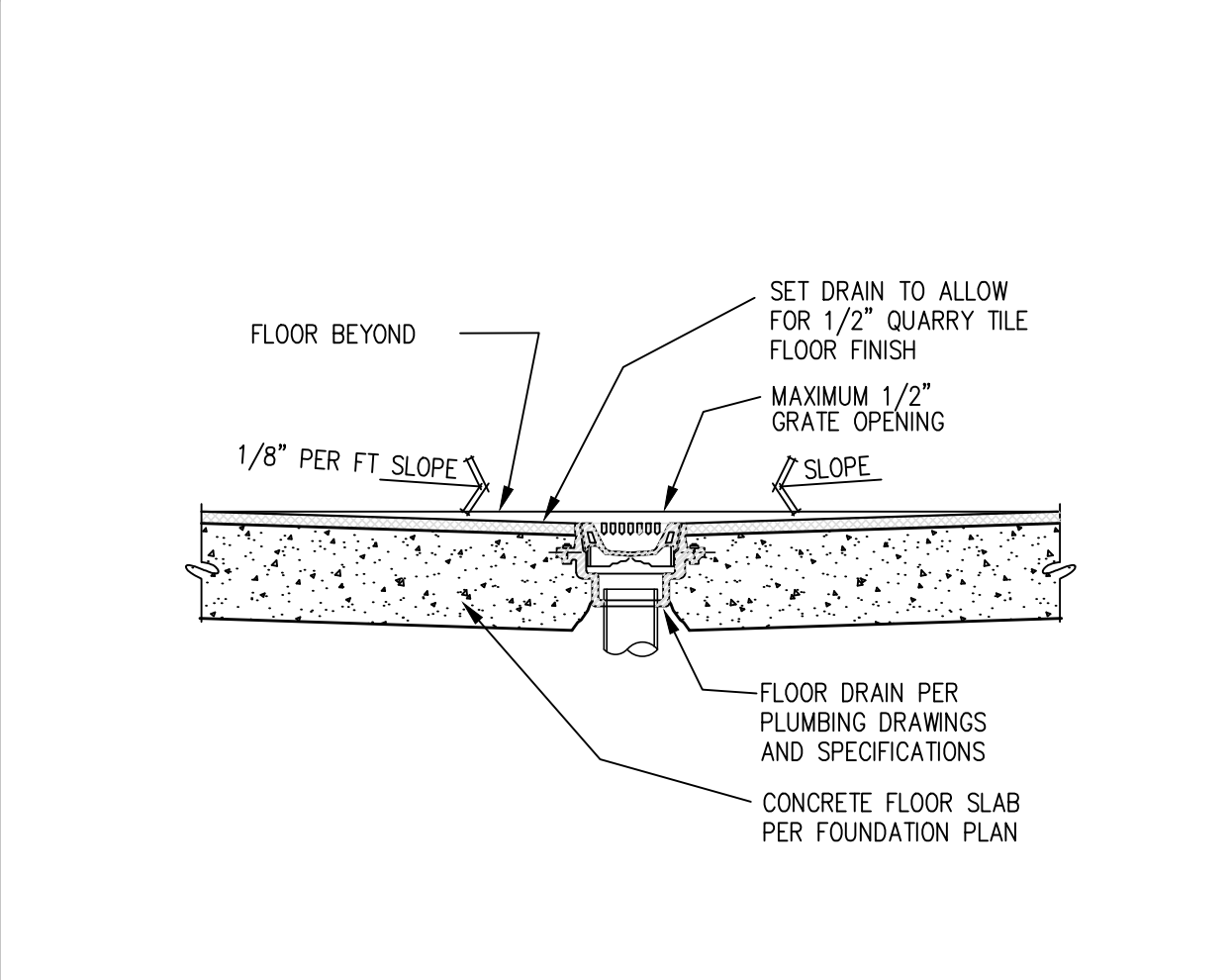
14 WALK IN COOLER SCALE = N.T.S.



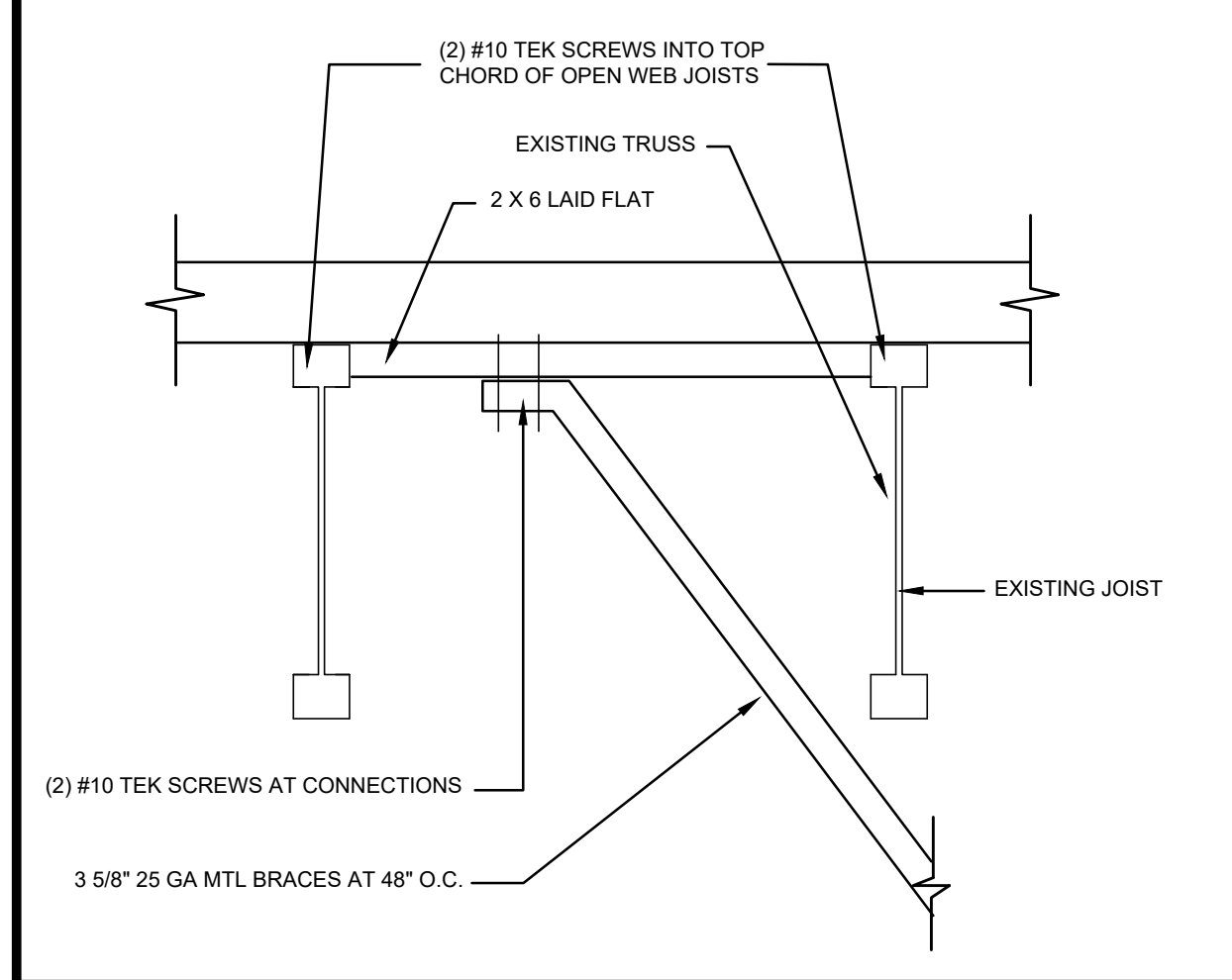
6 WALL SECTION AT FLOOR SCALE = N.T.S.



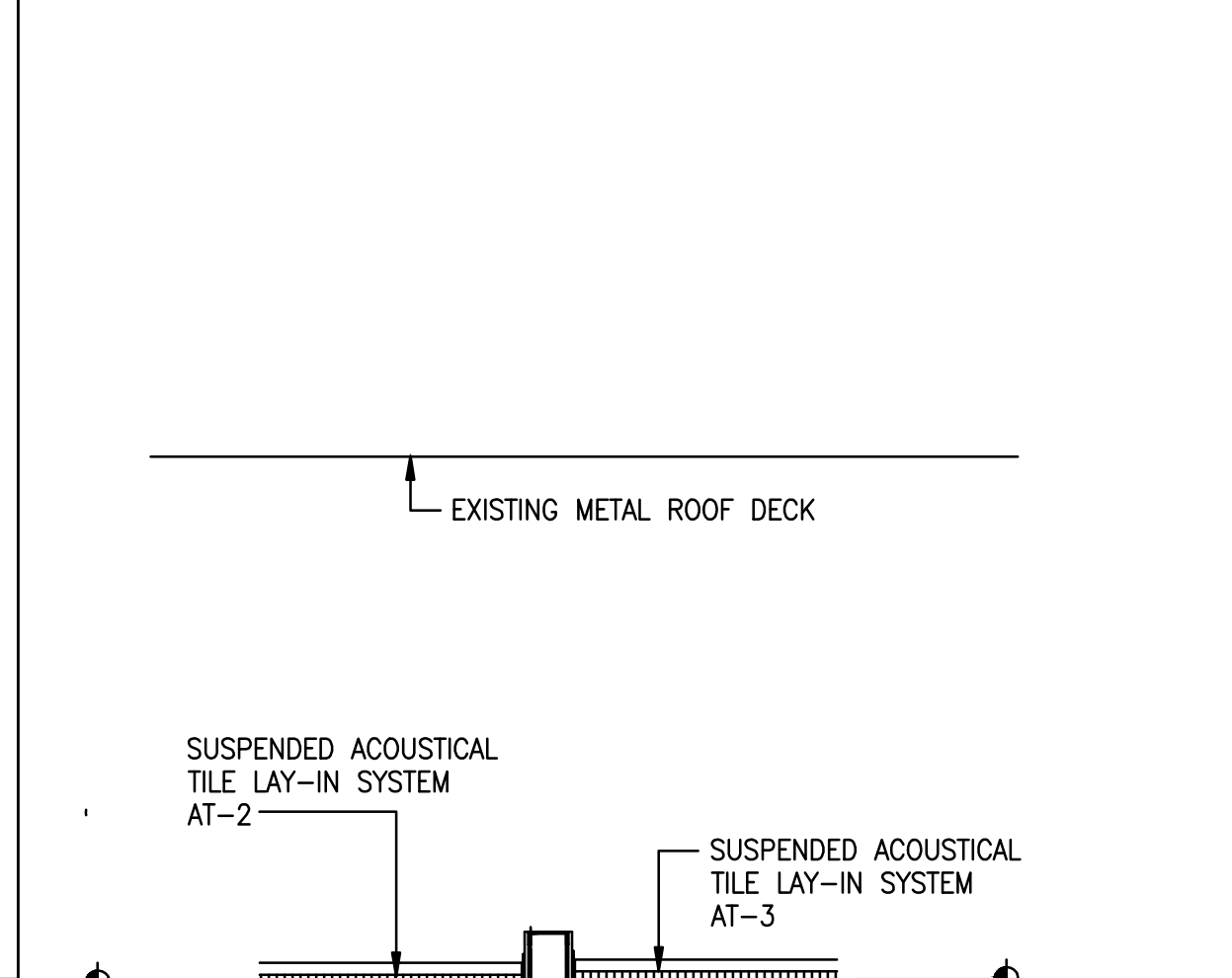
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1 FLOOR SINK DETAIL SCALE = N.T.S.

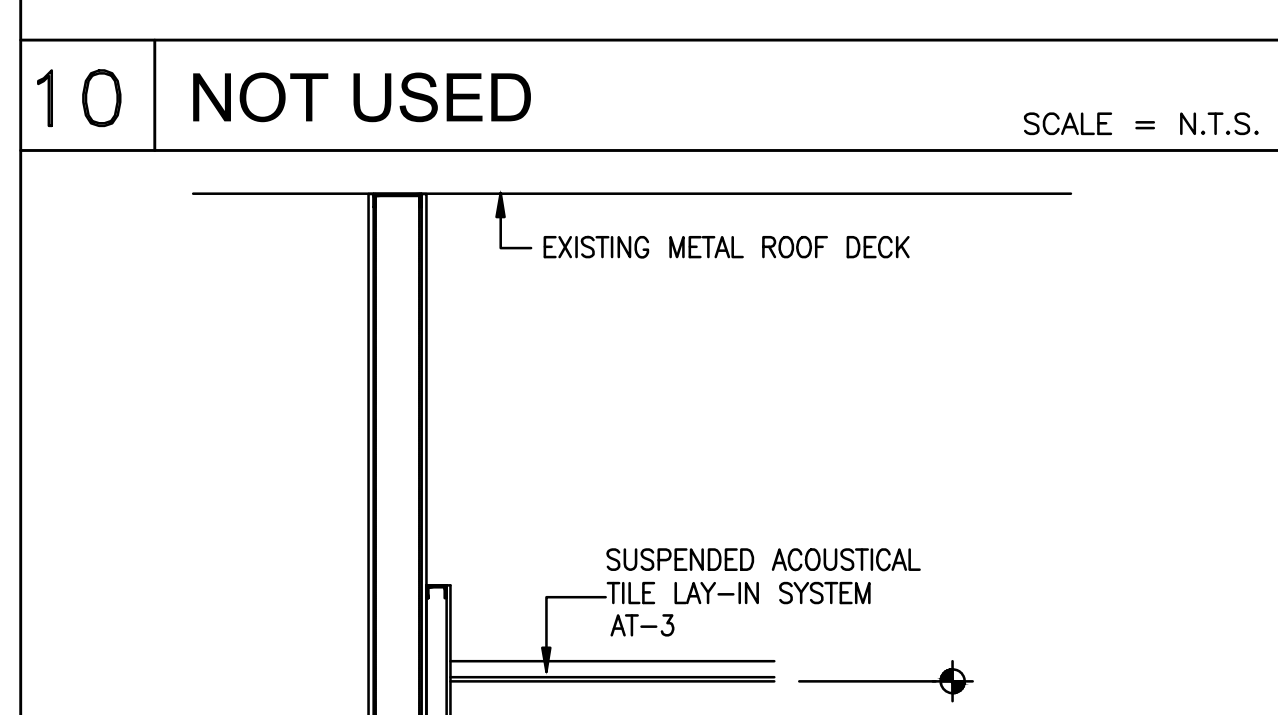


18 BRACE AT DECK SCALE = N.T.S.

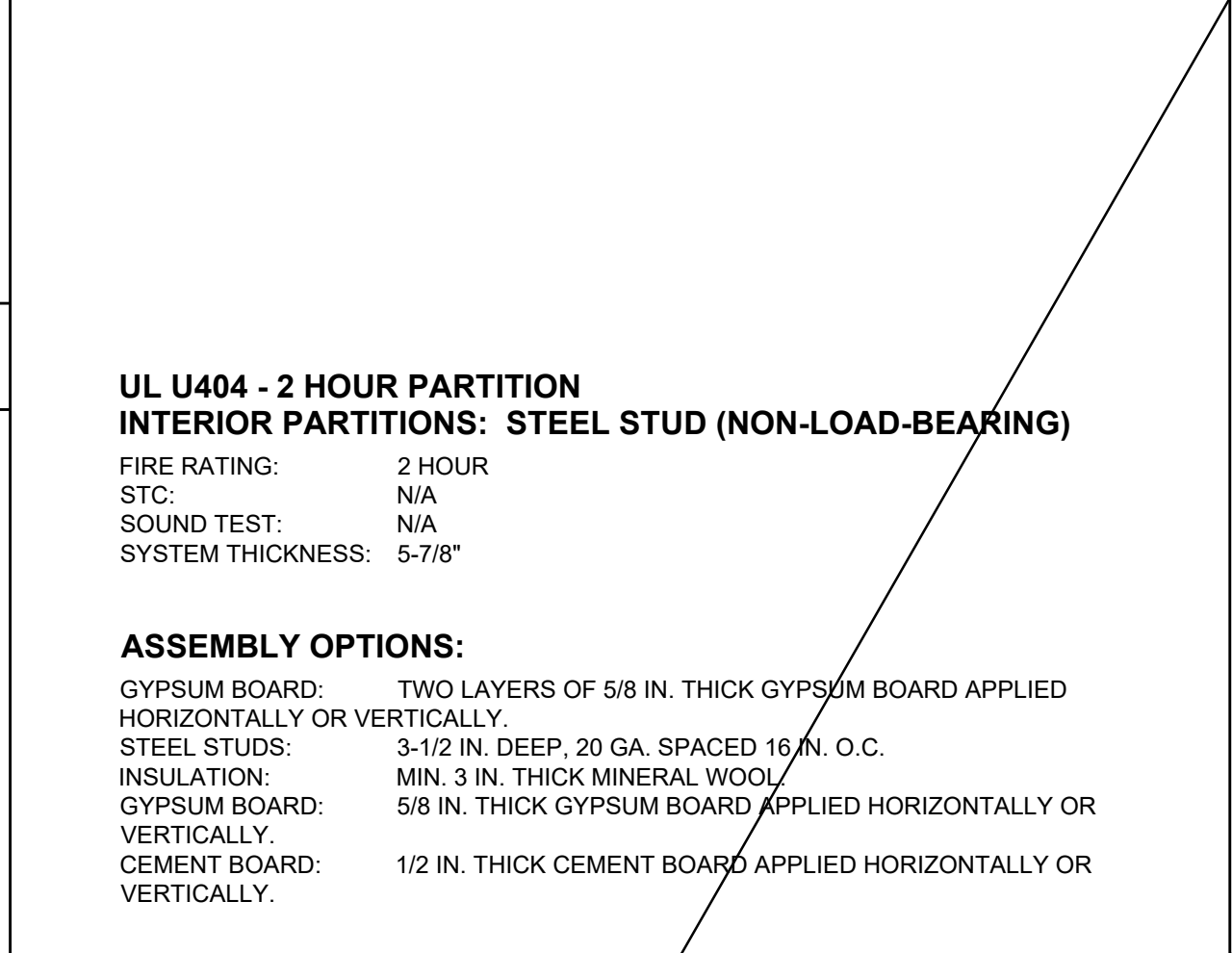


14 WALK IN COOLER SCALE = N.T.S.

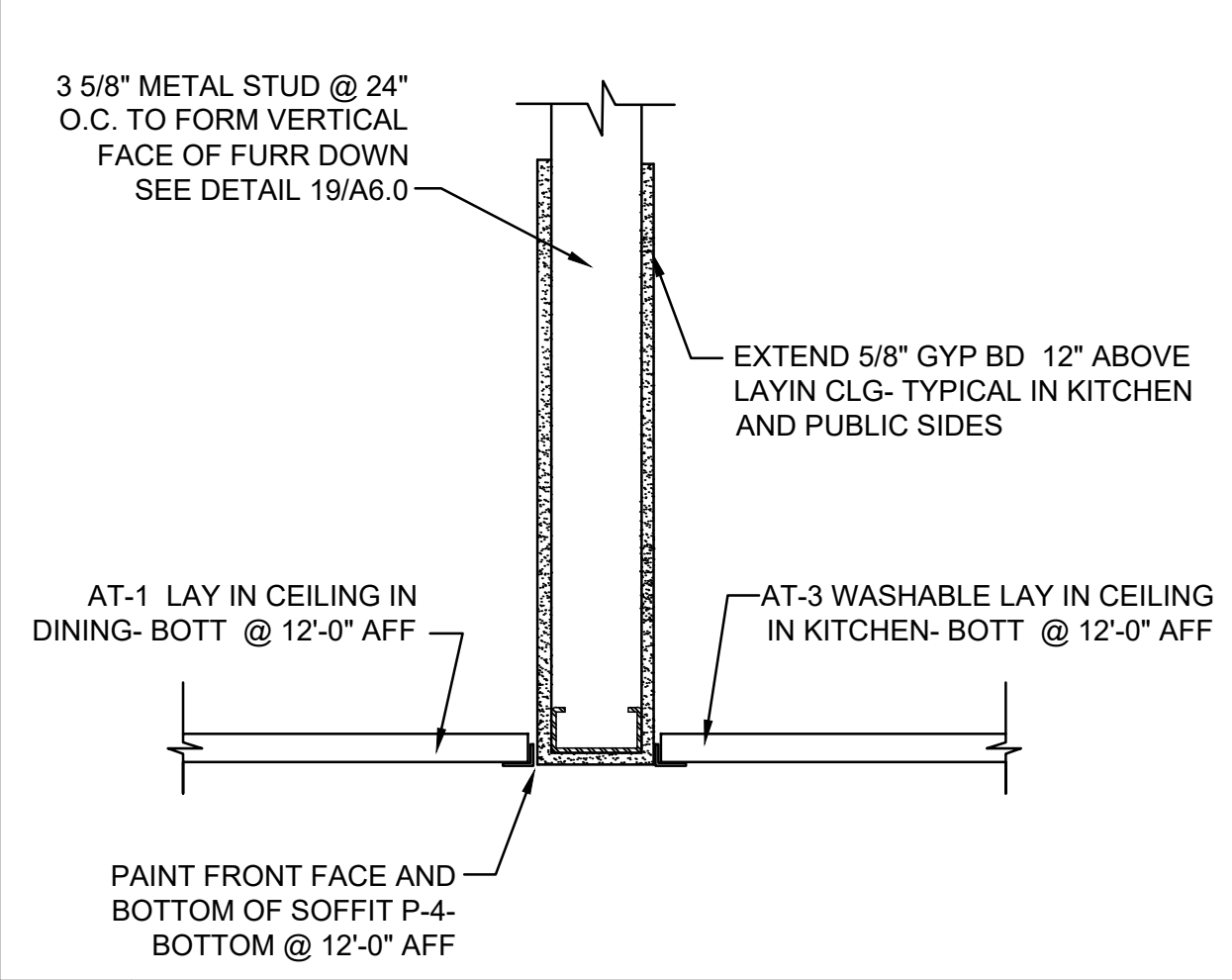
10 NOT USED SCALE = N.T.S.



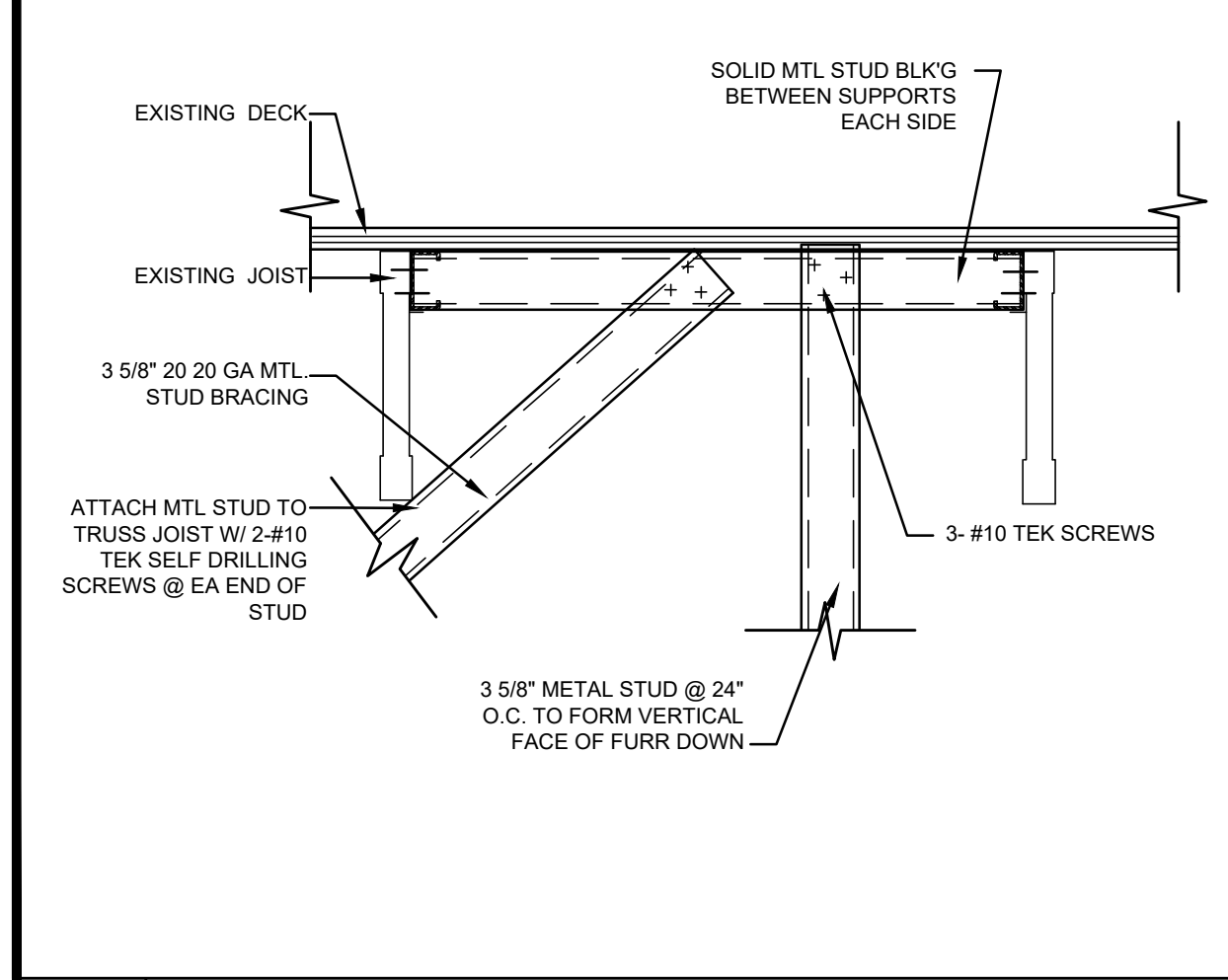
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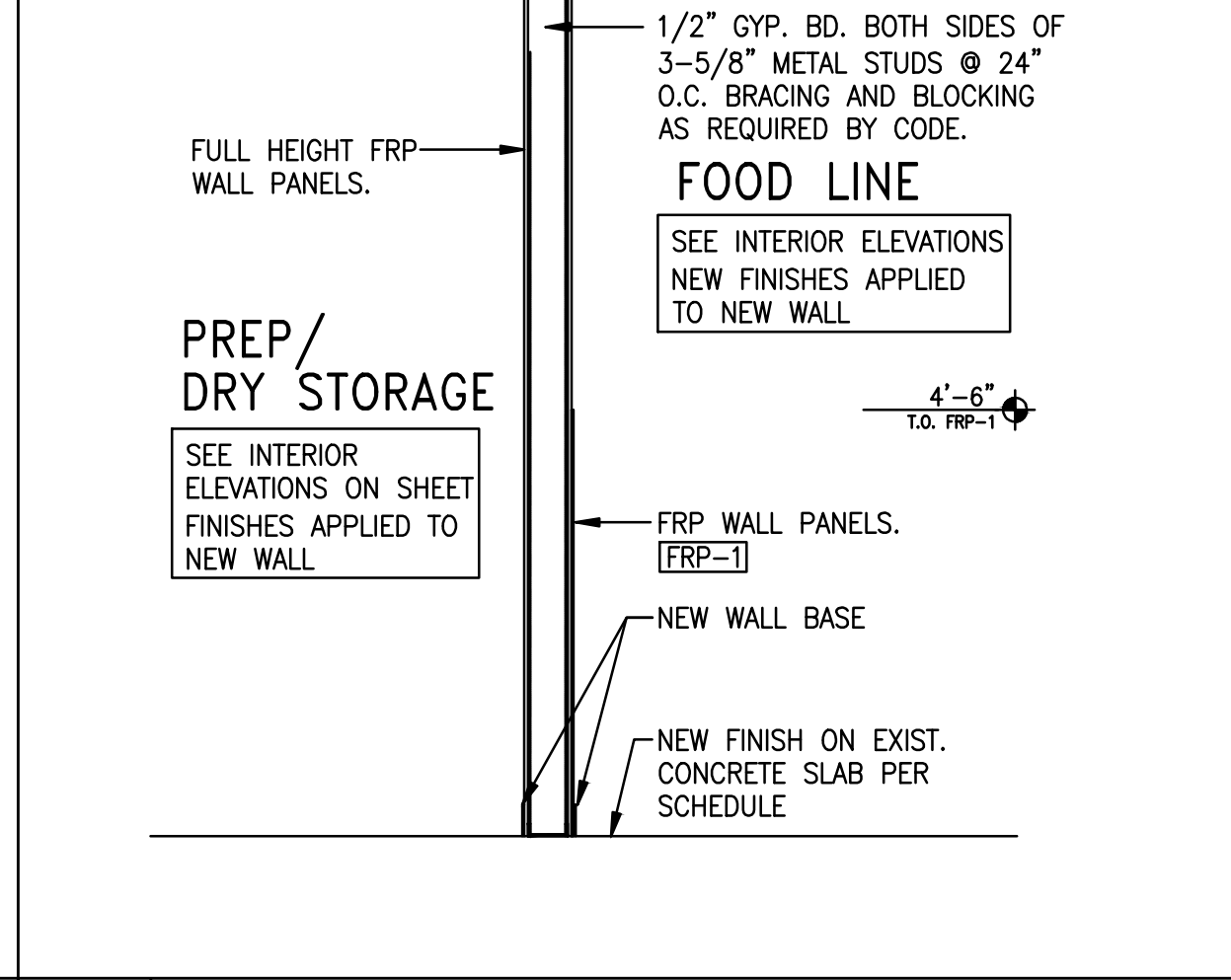
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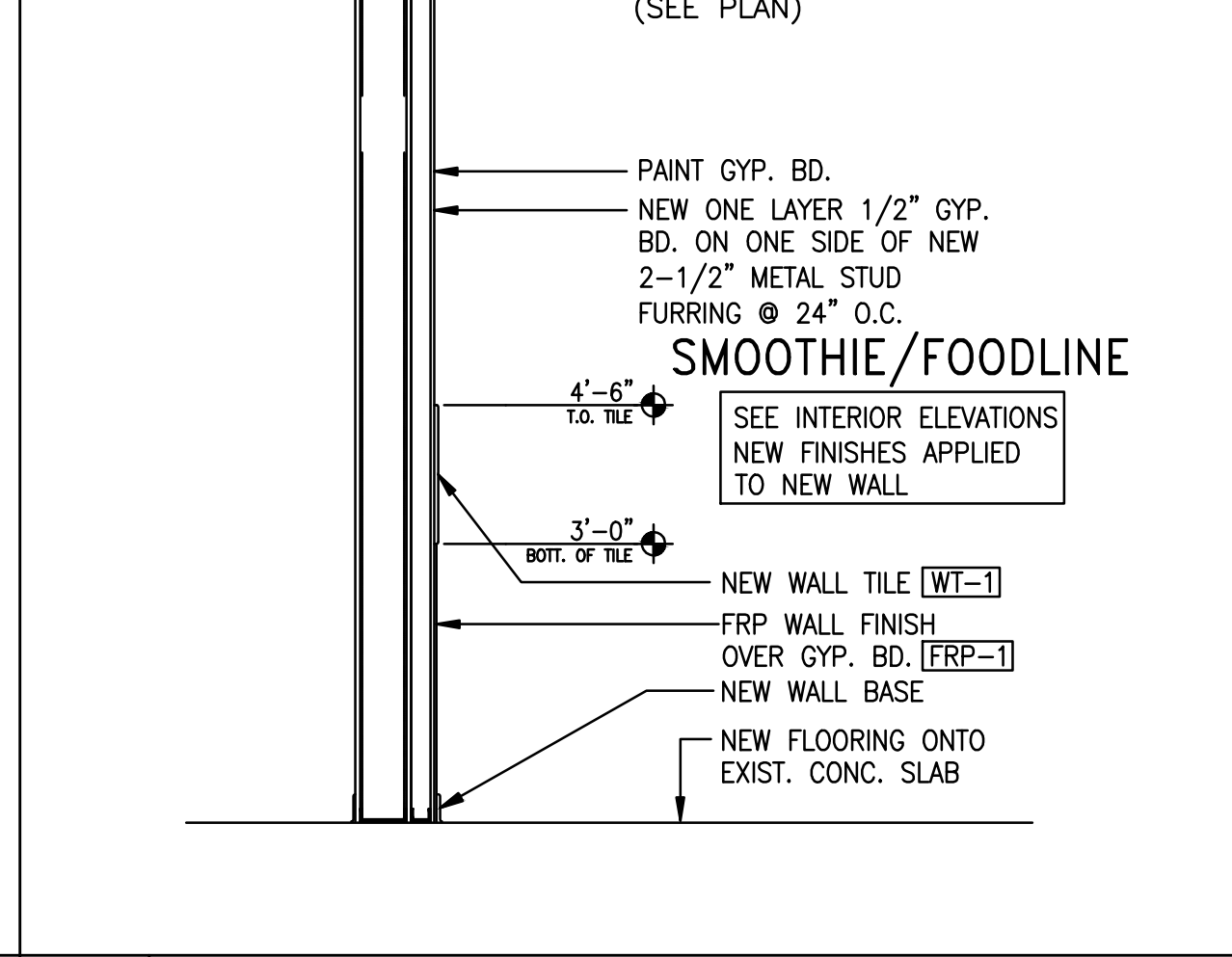
1 FLOOR SINK DETAIL SCALE = N.T.S.



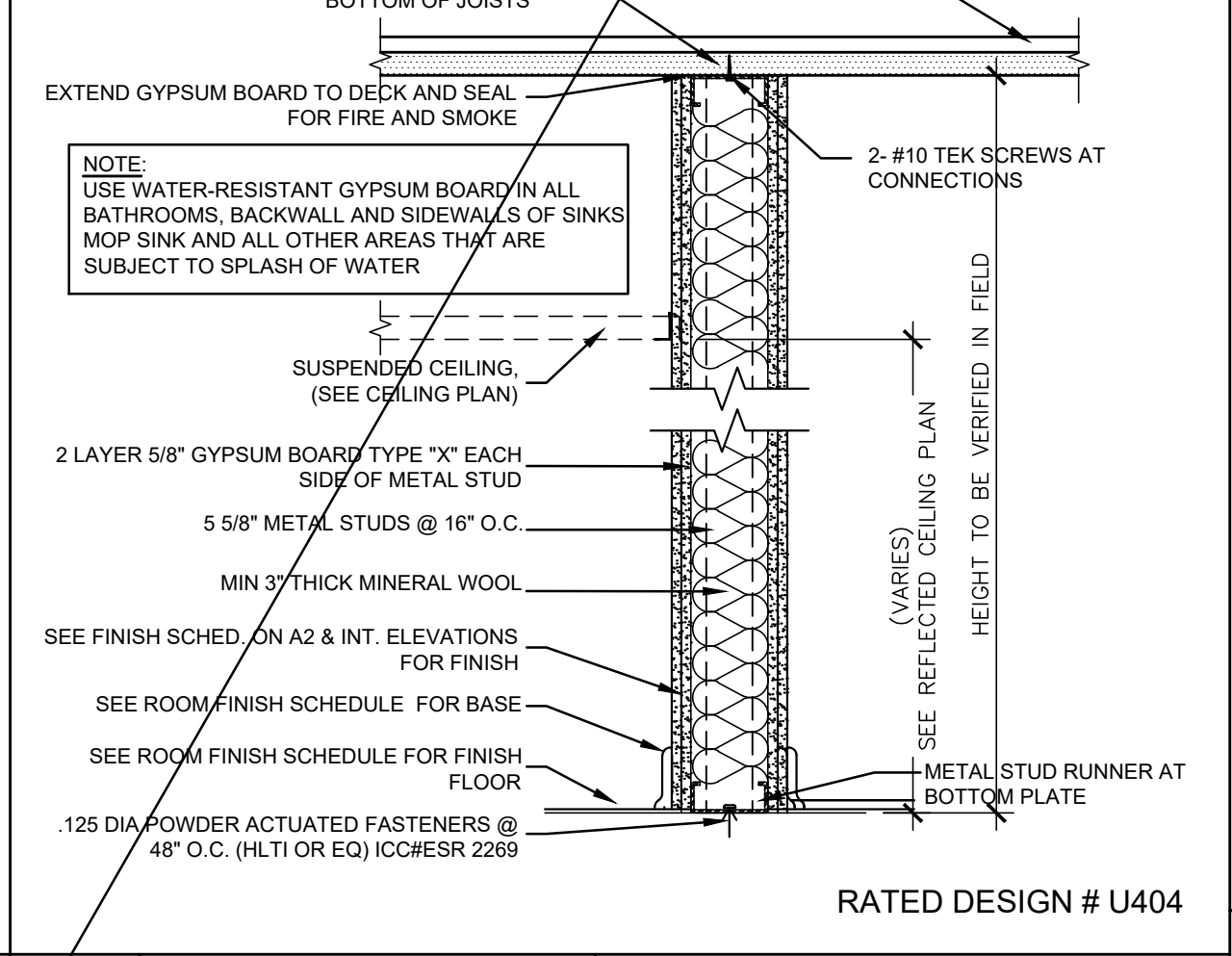
19 BRACE AT ROOF FRAMING SCALE = N.T.S.



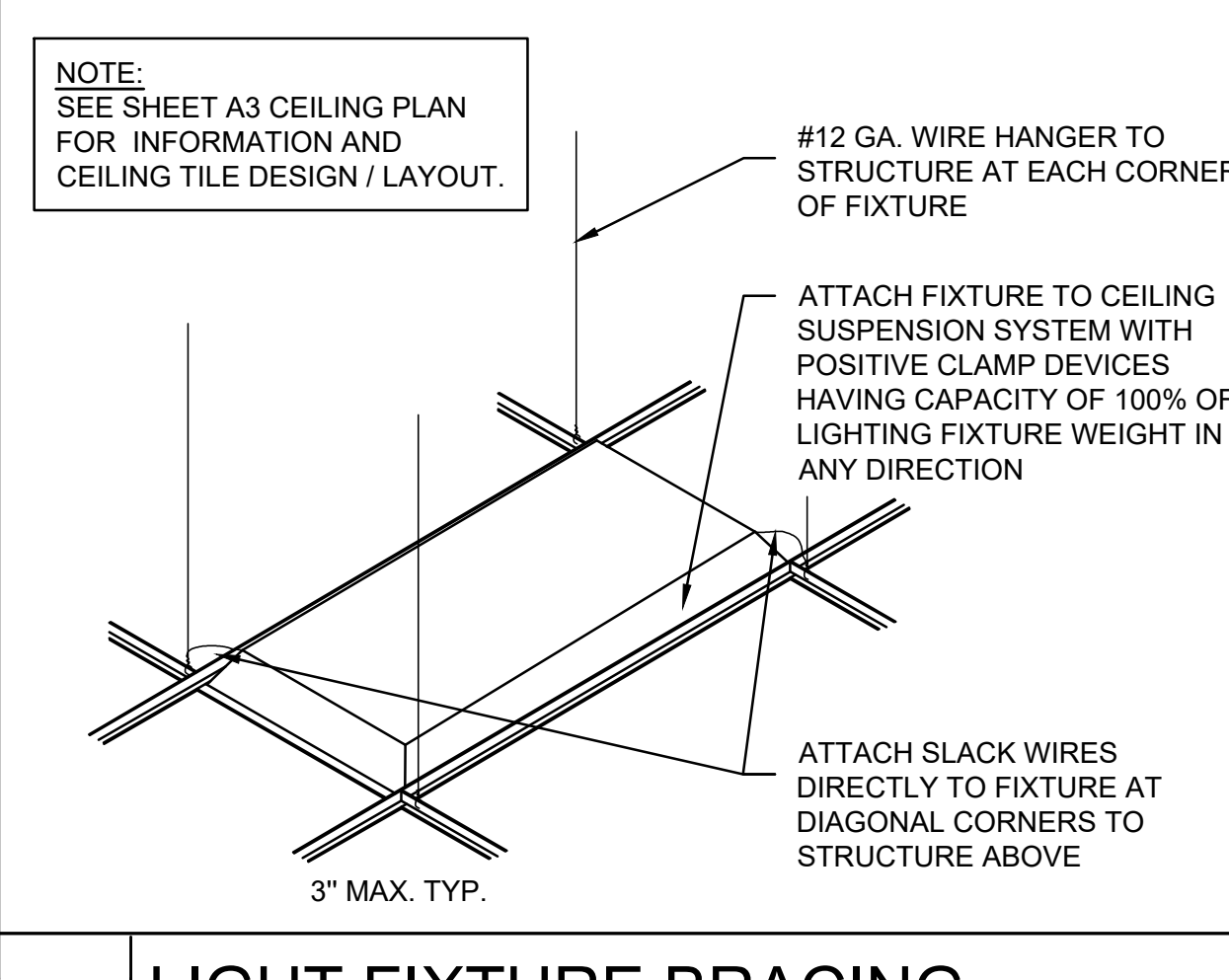
15 WALL SECTION SCALE = N.T.S.



12 WALL SECTION SCALE = N.T.S.



8 2 HR RATED WALL ASSEMBLY SCALE = N.T.S.



3 SOFFIT AT FRONT COUNTER SCALE = N.T.S.

19 BRACE AT ROOF FRAMING SCALE = N.T.S.

15 WALL SECTION SCALE = N.T.S.

12 WALL SECTION SCALE = N.T.S.

8 2 HR RATED WALL ASSEMBLY SCALE = N.T.S.

4 LIGHT FIXTURE BRACING SCALE = N.T.S.

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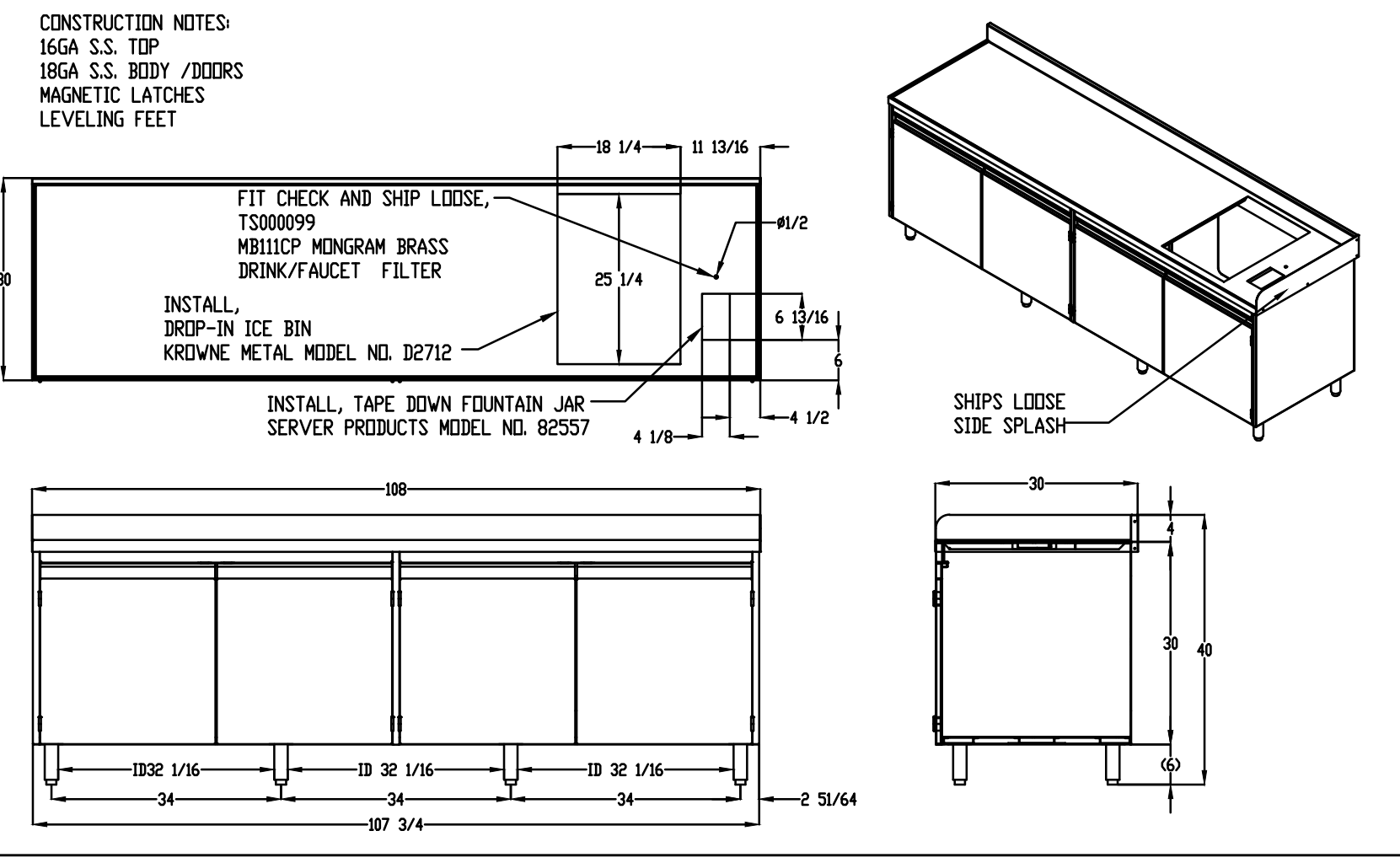
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DATE: 03.05.2020

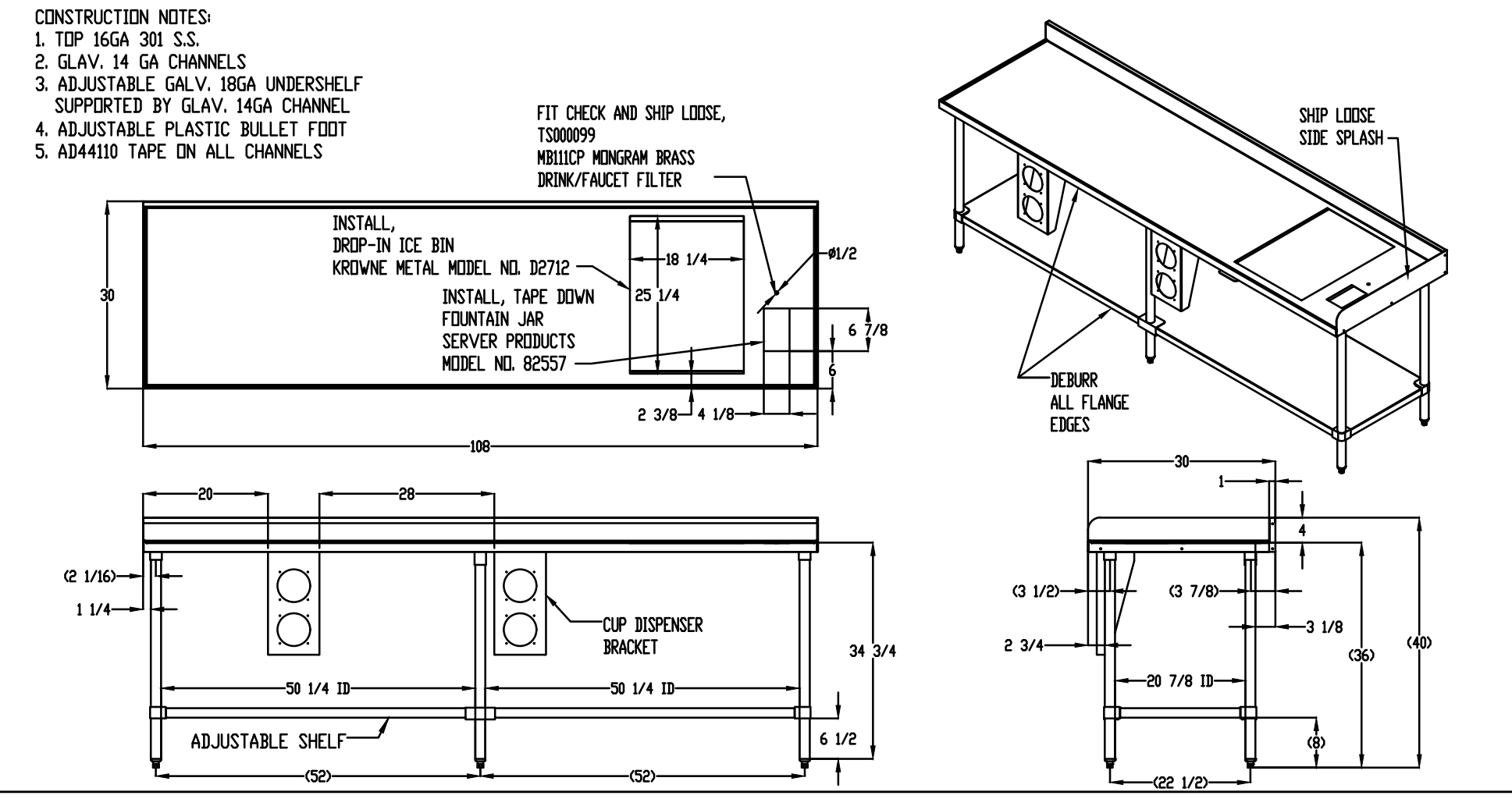
Dustin Curtis
Architect
12296
Phoenix, AZ
12-15-20

DETAILS

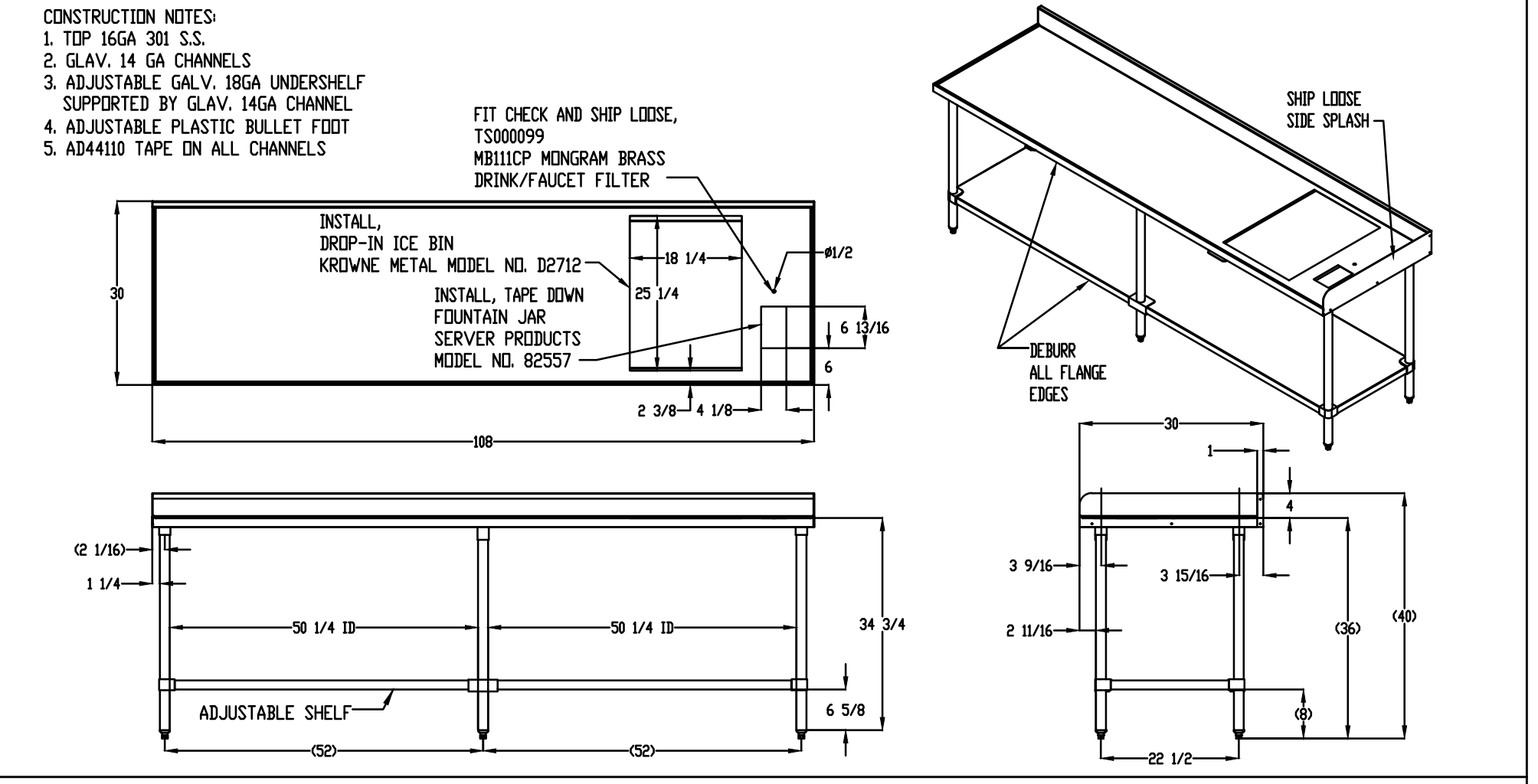
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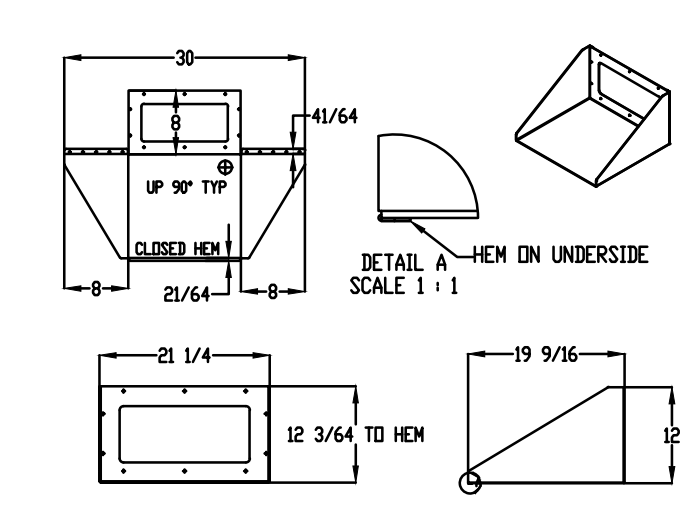
1 ITEM #36 - BLENDER TABLE WITH DOORS - (RIGHT-HAND)
 1/2" = 1'-0"



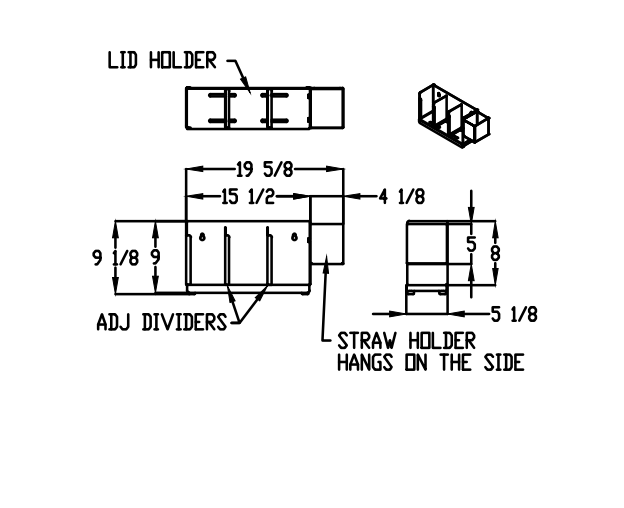
2 ITEM #36 - BLENDER TABLE OPEN BASE - (RIGHT-HAND)
 1/2" = 1'-0"



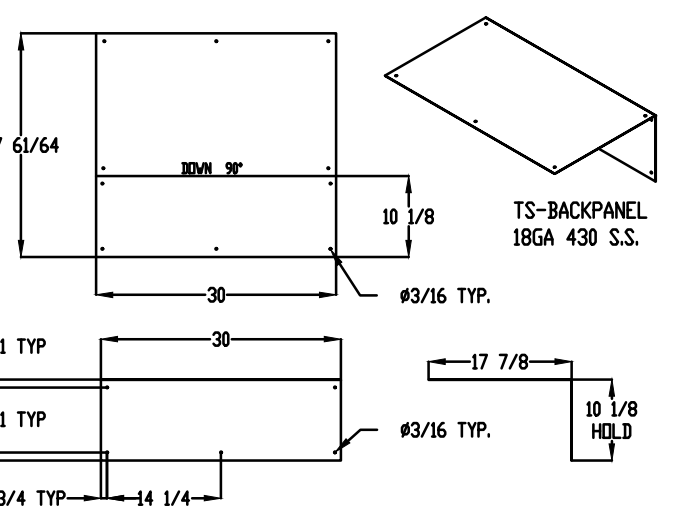
3 ITEM #36 - BLENDER TABLE OPEN BASE - (RIGHT-HAND)
 1/2" = 1'-0"



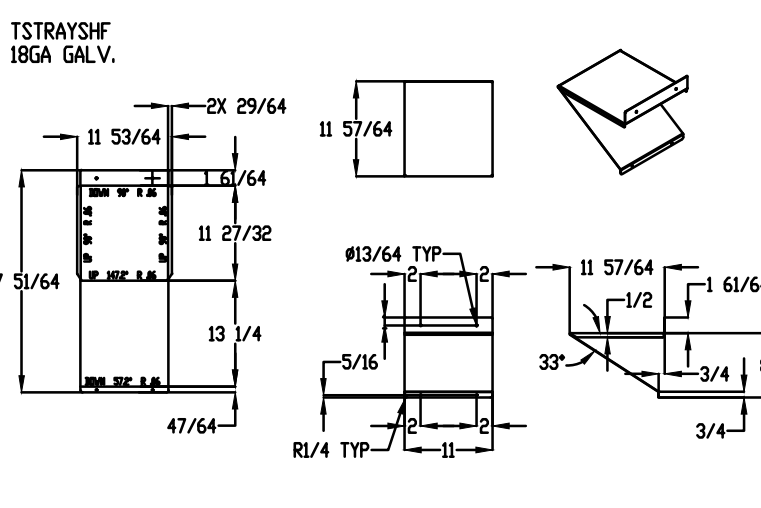
4 ITEM #26 - MICROWAVE SHELF
 1/2" = 1'-0"



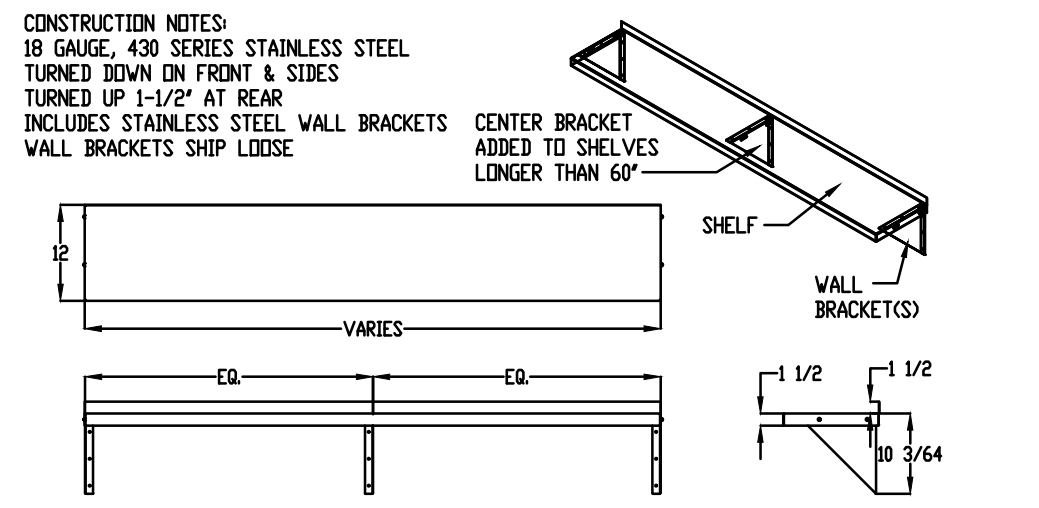
5 ITEM #36E - LID DISPENSER
 1/2" = 1'-0"



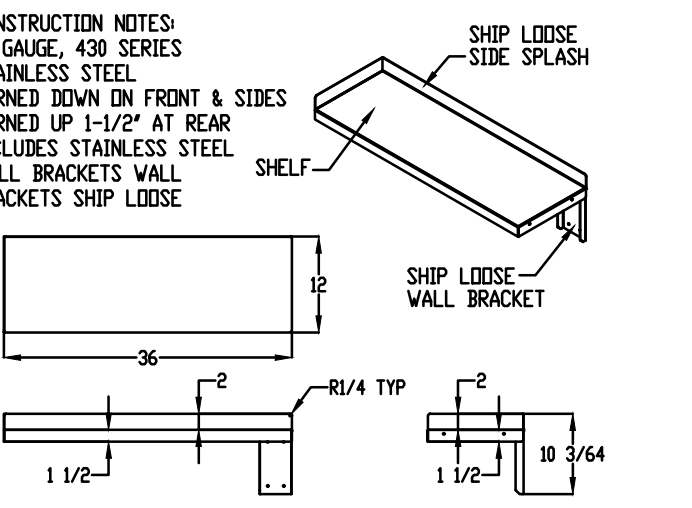
6 ITEM #44 - S/S BACK PANEL
 1/2" = 1'-0"



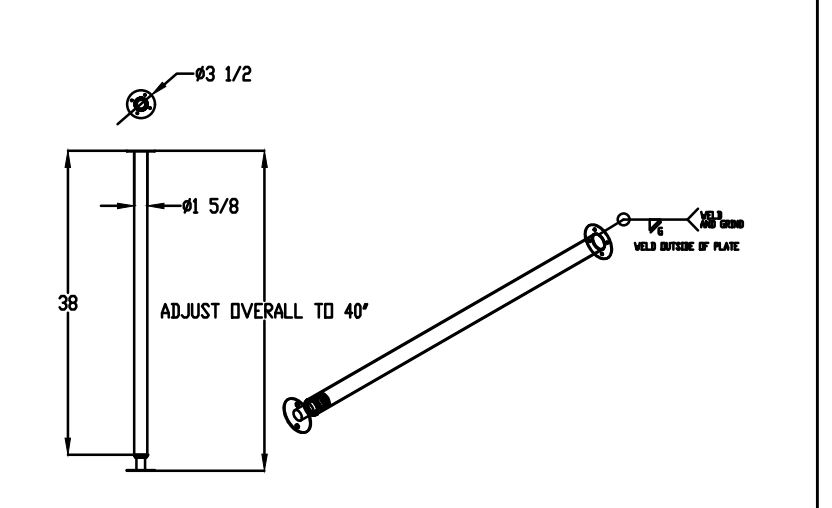
7 ITEM #78A - TRAY SHELF
 1/2" = 1'-0"



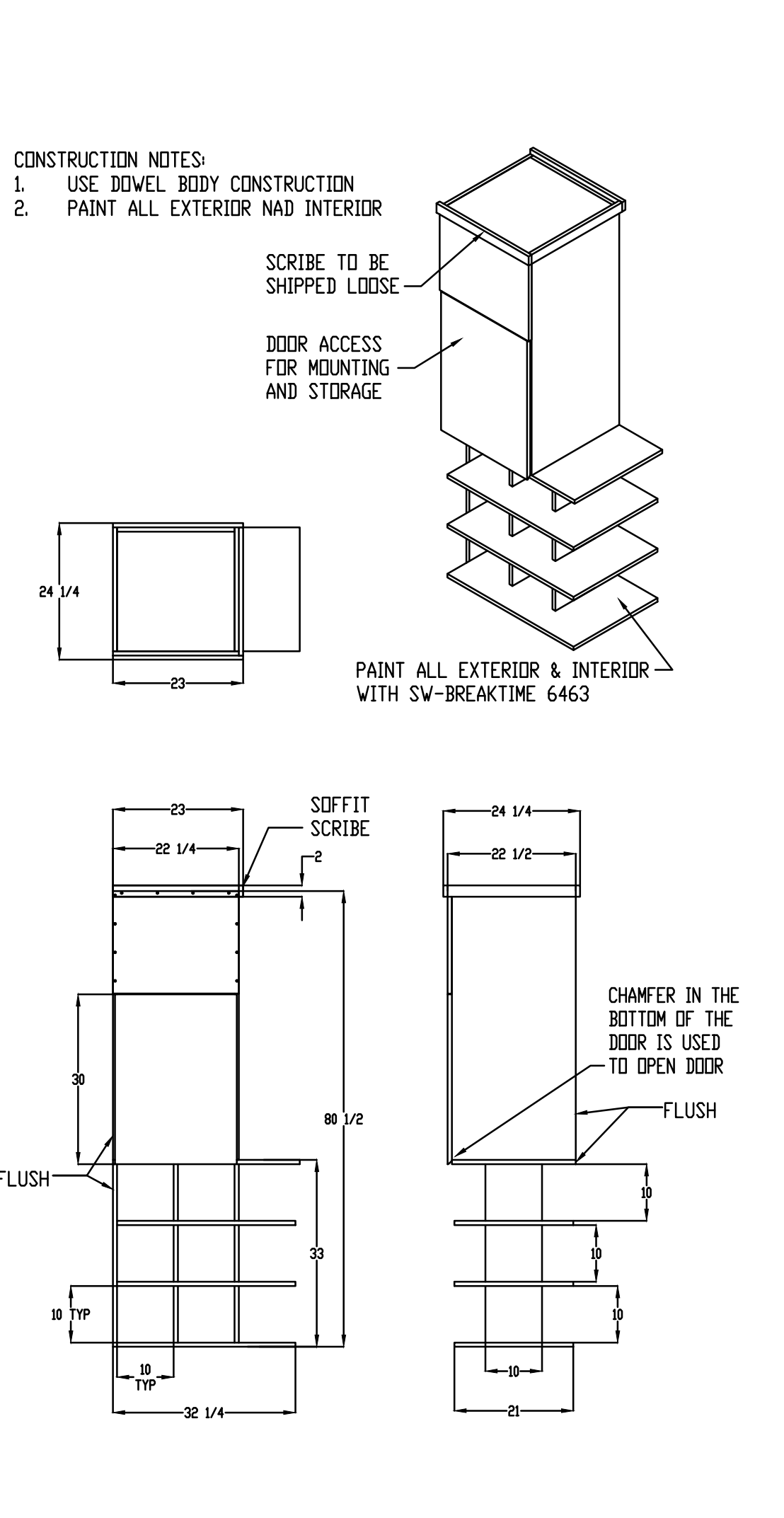
8 ITEM #50 - S/S WALL SHELF
 1/2" = 1'-0"



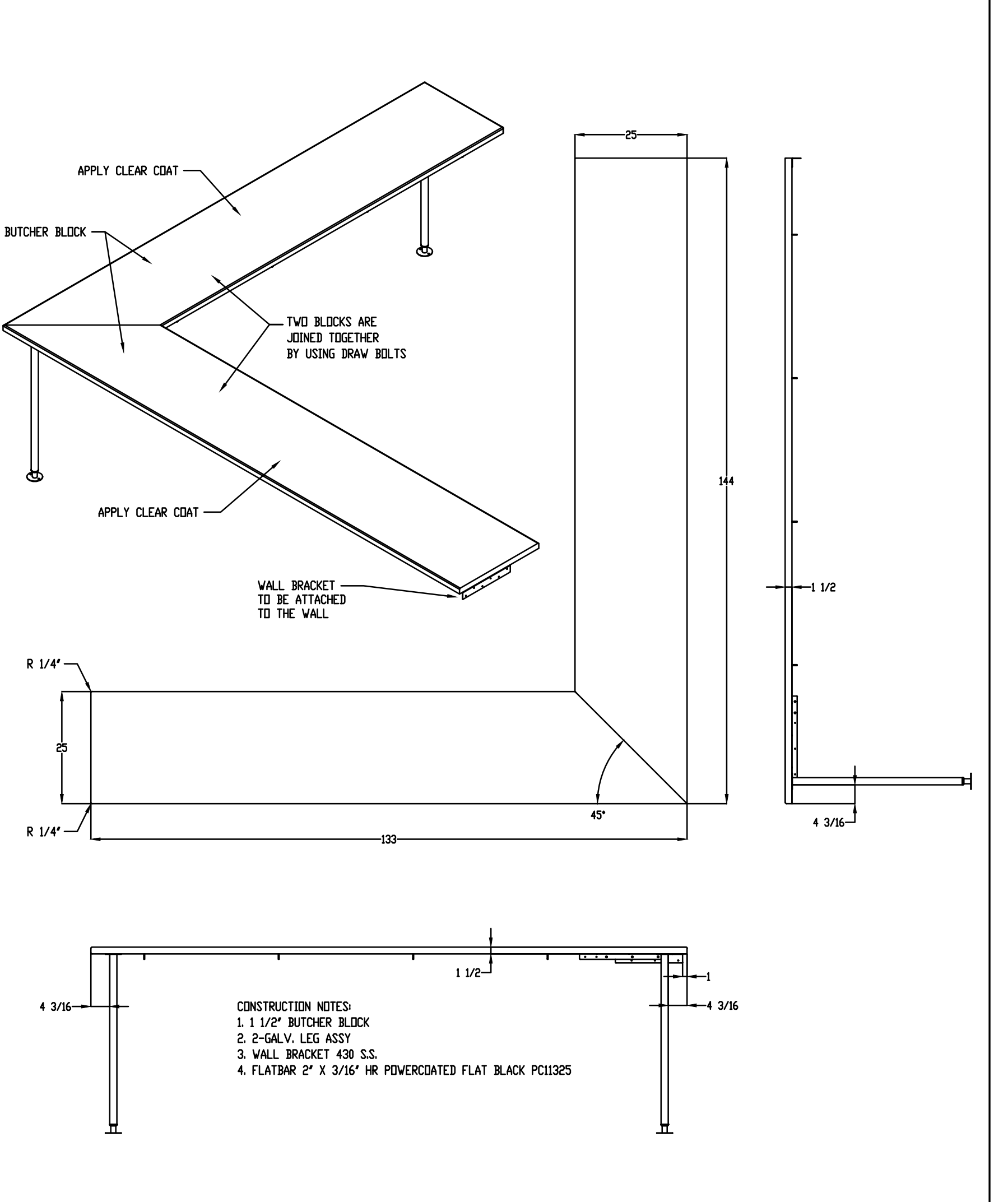
9 ITEM #59 - WALL MTD. WORKTOP
 1/2" = 1'-0"



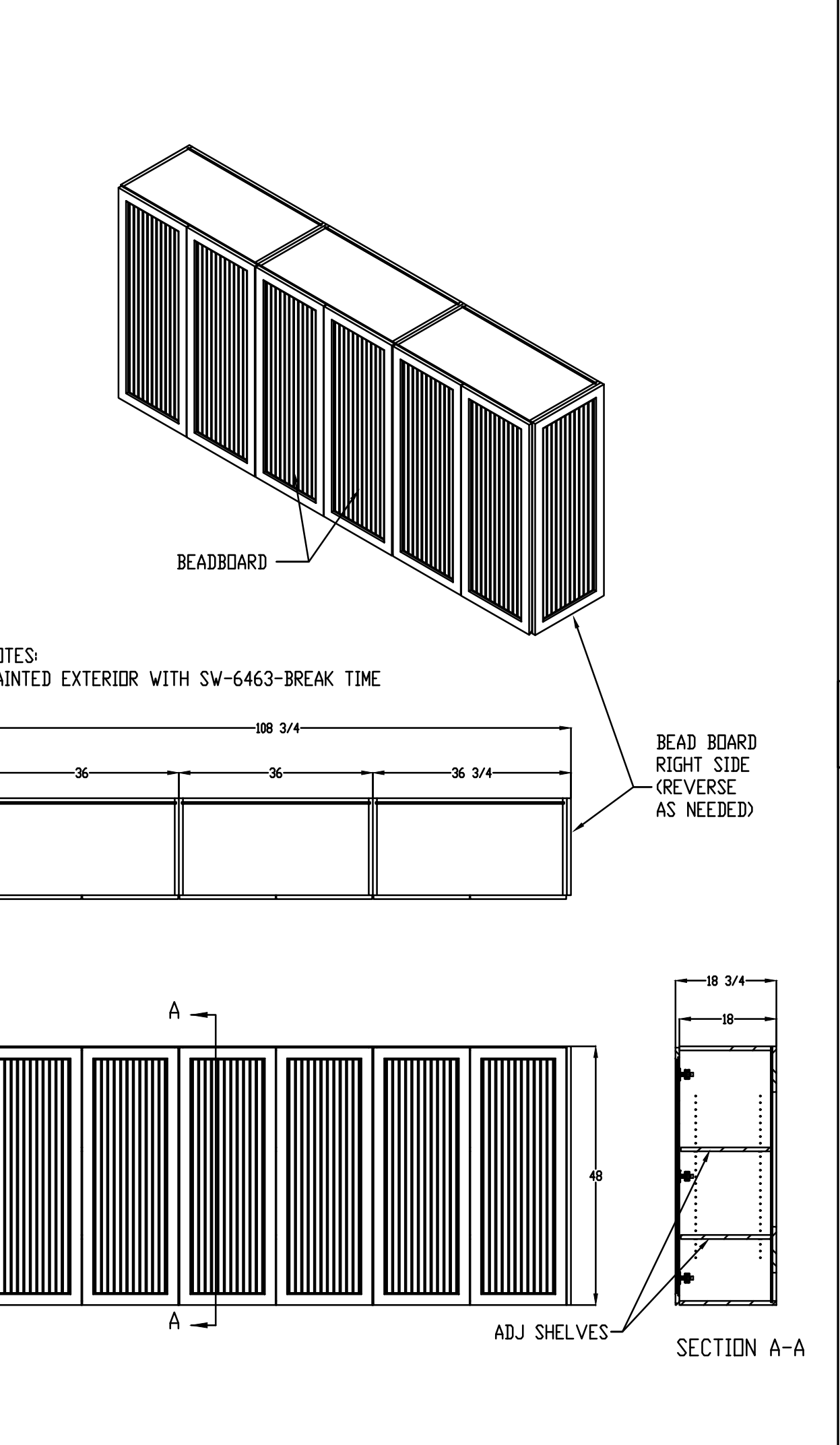
10 LEG FOR CASHIER / SIT-DOWN COUNTER
 1/2" = 1'-0"



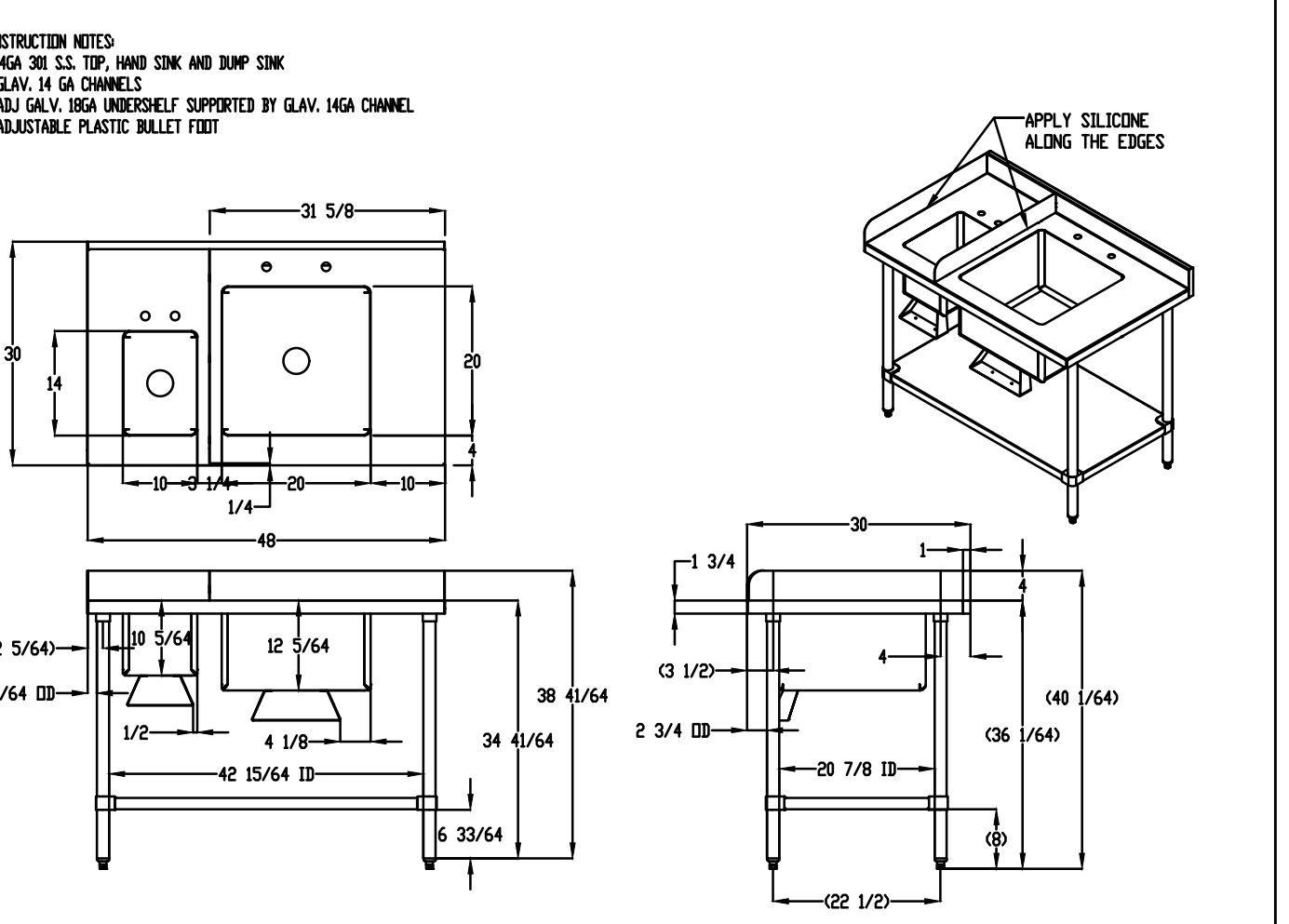
11 ITEM #74C - TO-GO CABINET
 1/2" = 1'-0"



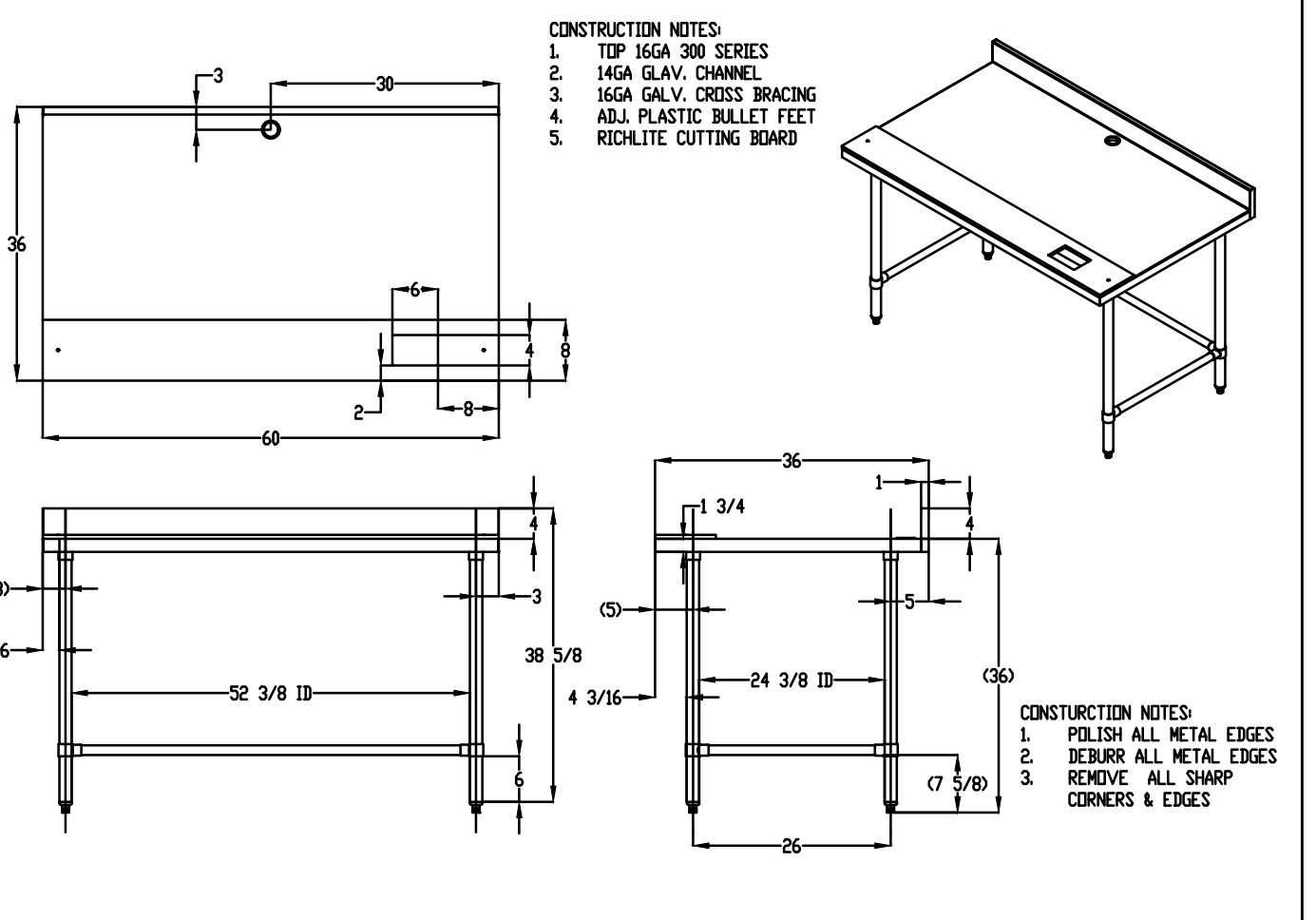
12 ITEM #74A - SIT-DOWN COUNTER - (RIGHT-HAND)
 1/2" = 1'-0"



13 ITEM #41 - WALL CABINET - (RIGHT-HAND)
 1/2" = 1'-0"



14 ITEM #31 - SINK TABLE - (RIGHT-HAND)
 1/2" = 1'-0"



15 ITEM #58 - STEAMER TABLE - (RIGHT-HAND)
 1/2" = 1'-0"

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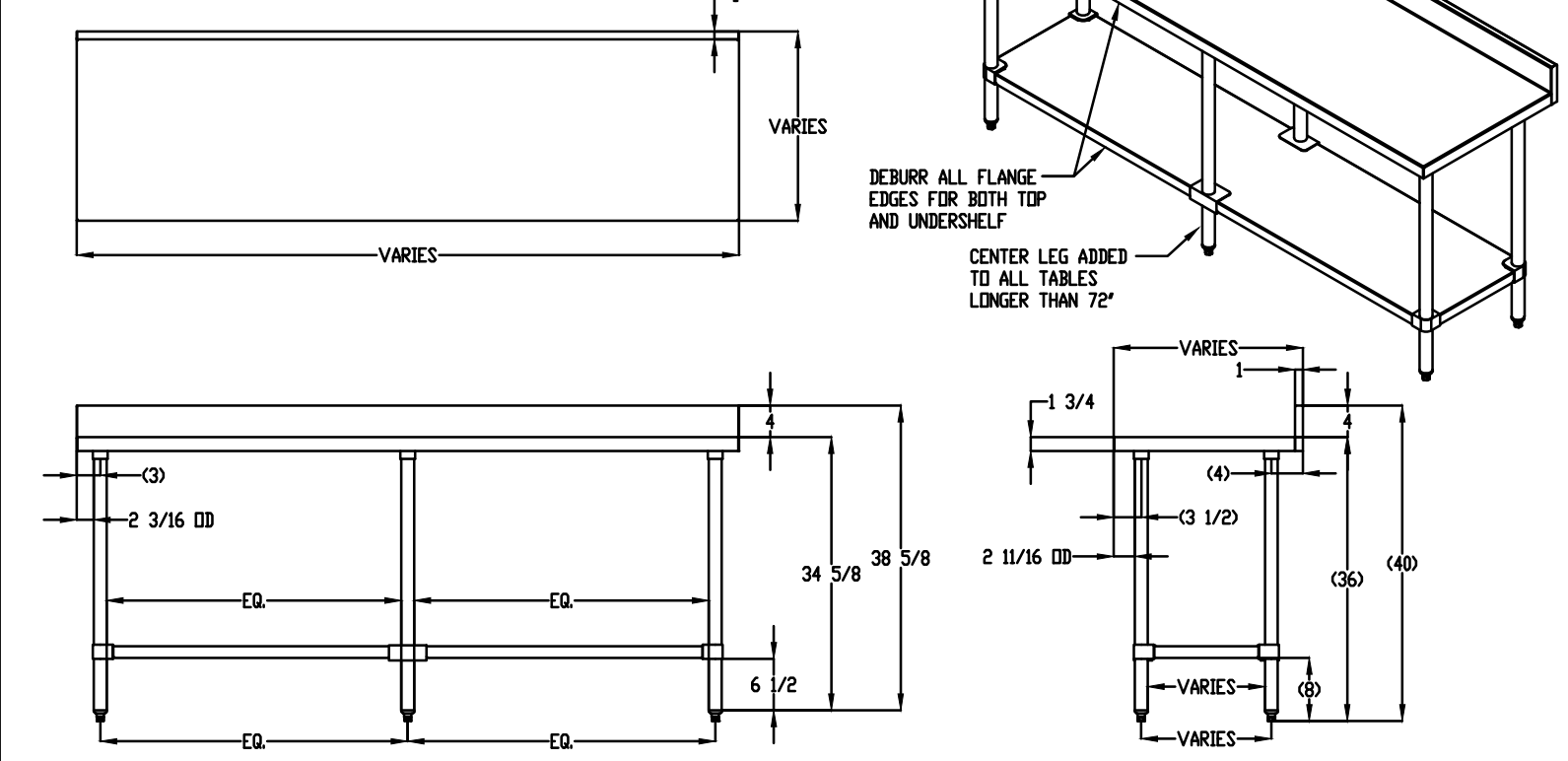
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 Phoenix, AZ
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DETAILS

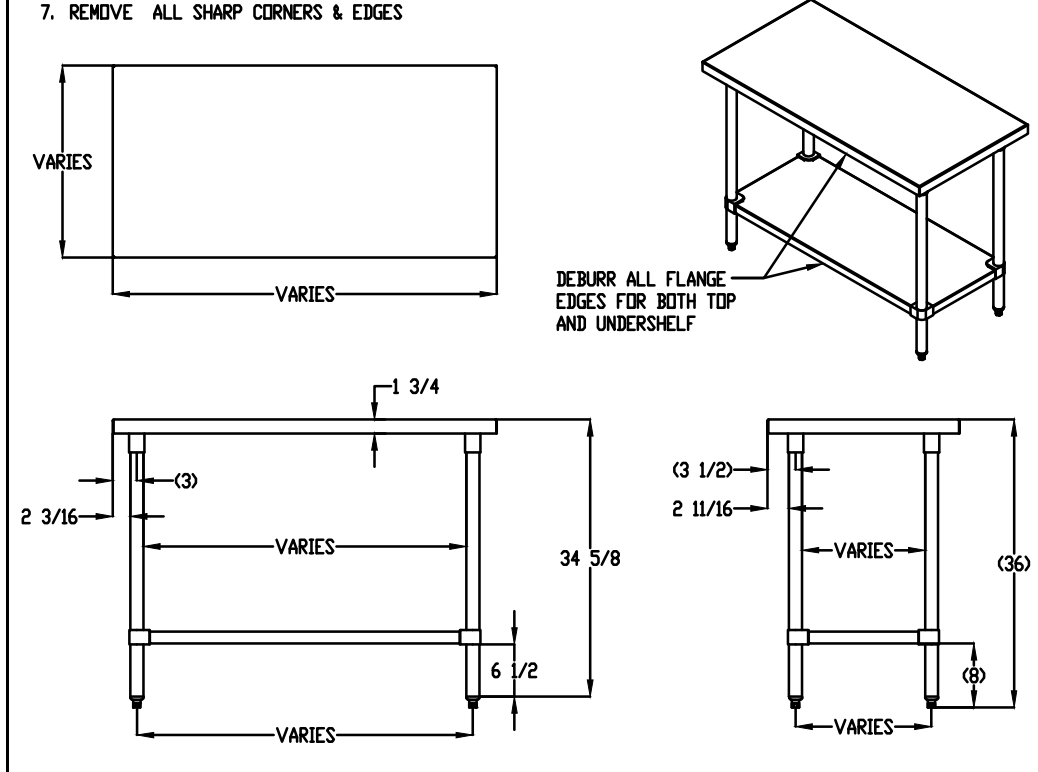
A6.1

CONSTRUCTION NOTES:
 1. TOP 16GA 301 S.S.
 2. GLAV. 14 GA CHANNELS
 3. ADJUSTABLE GALV. 18GA UNDERSHELF SUPPORTED BY GLAV. 14GA CHANNEL
 4. ADJUSTABLE PLASTIC BULLET FOOT
 5. POLISH ALL METAL EDGES
 6. DEBURR ALL METAL EDGES
 7. REMOVE ALL SHARP CORNERS & EDGES



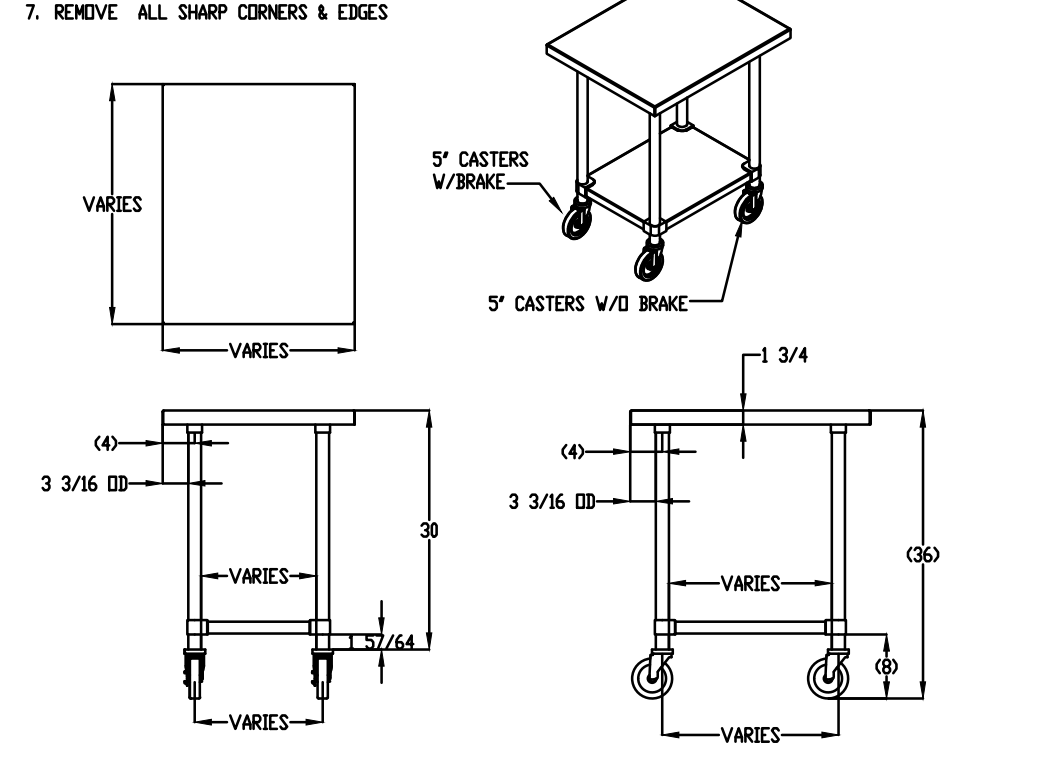
1 ITEM #32, 34, 35 & 60 - WORK TABLE WITH BACKSLASH
 1/2" = 1'-0"

CONSTRUCTION NOTES:
 1. TOP 16GA 301 S.S.
 2. GLAV. 14 GA CHANNELS
 3. ADJUSTABLE GALV. 18GA UNDERSHELF SUPPORTED BY GLAV. 14GA CHANNEL
 4. ADJUSTABLE PLASTIC BULLET FOOT
 5. POLISH ALL METAL EDGES
 6. DEBURR ALL METAL EDGES
 7. REMOVE ALL SHARP CORNERS & EDGES

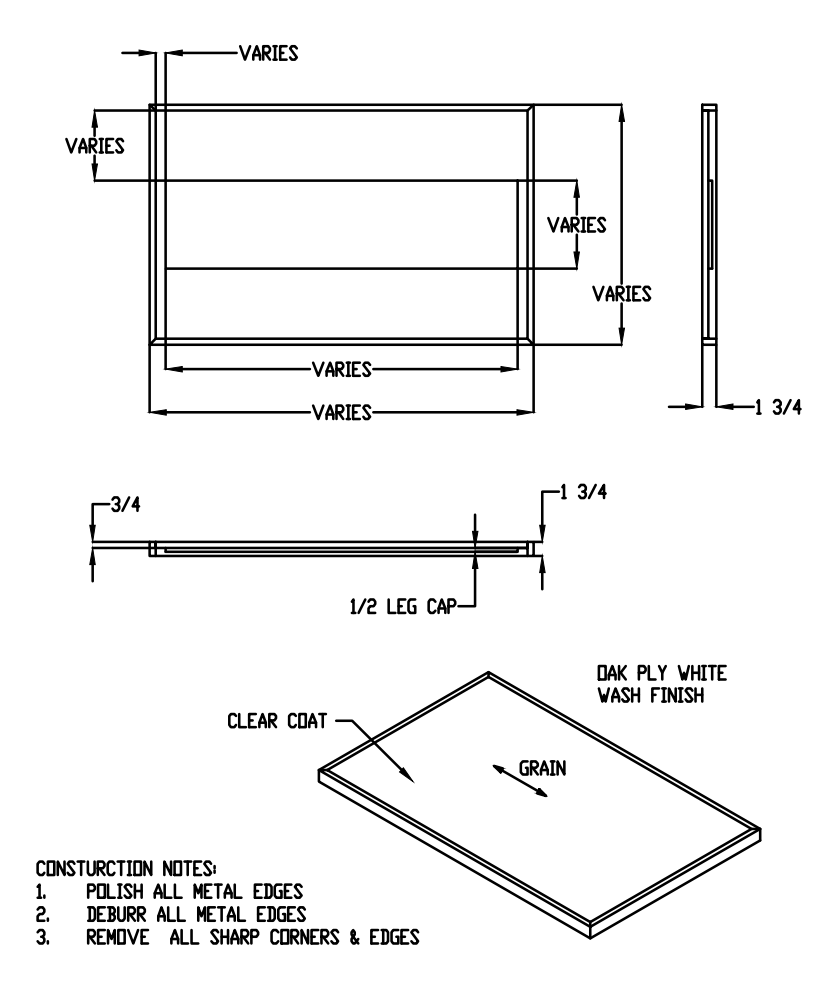


2 ITEM #32 & 60 - WORK TABLE WITHOUT BACKSLASH
 1/2" = 1'-0"

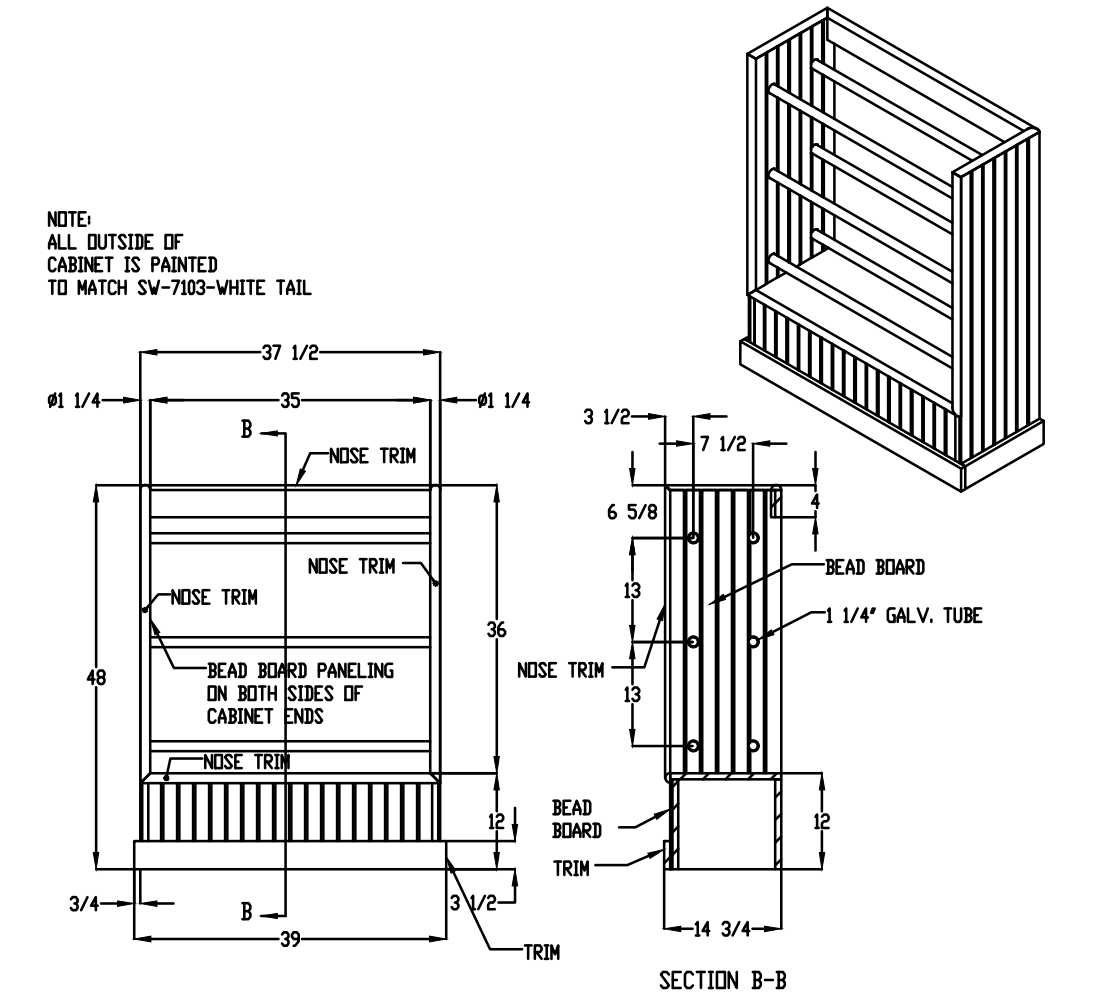
CONSTRUCTION NOTES:
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 3. ADJUSTABLE GALV. 18GA UNDERSHELF SUPPORTED BY GLAV. 14GA CHANNEL
 4. ADJUSTABLE PLASTIC BULLET FOOT
 5. POLISH ALL METAL EDGES
 6. DEBURR ALL METAL EDGES
 7. REMOVE ALL SHARP CORNERS & EDGES



3 ITEM #32 & 60 - WORK TABLE WITH CASTERS
 1/2" = 1'-0"

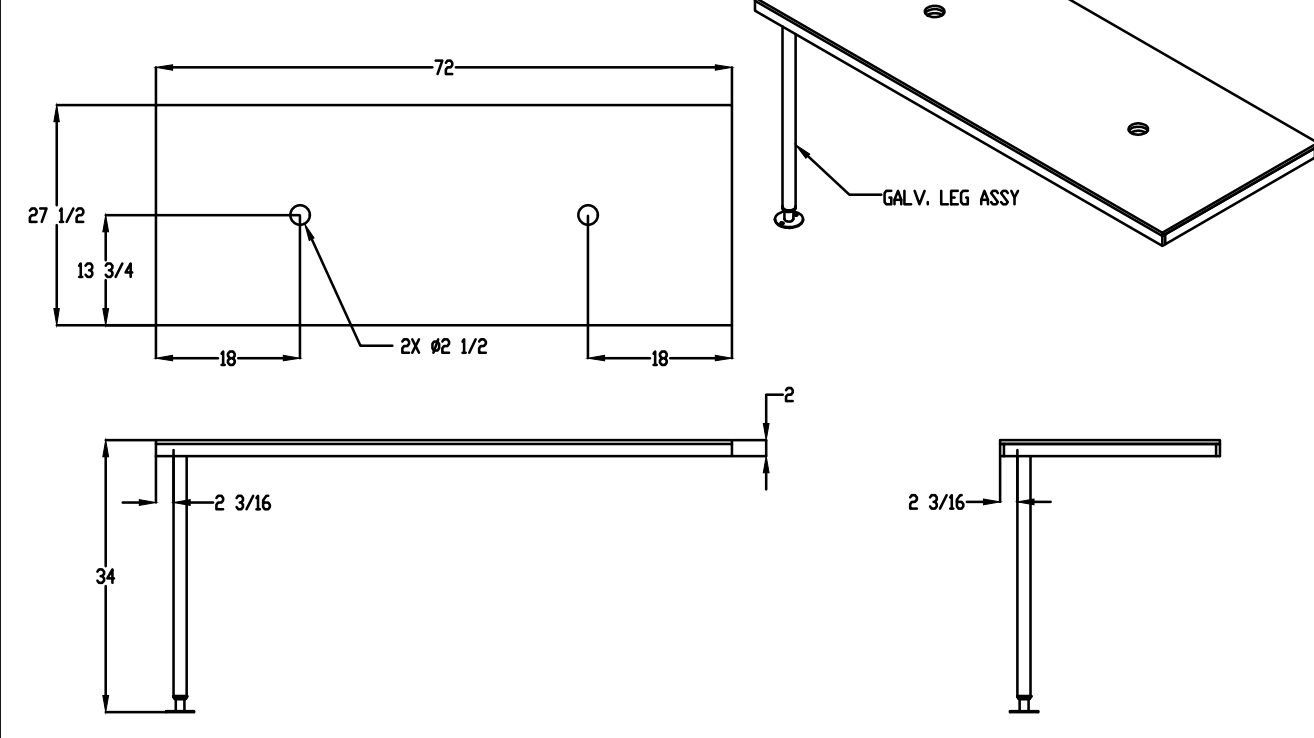


4 ITEM #71 - DINING TABLE TOP
 1/2" = 1'-0"

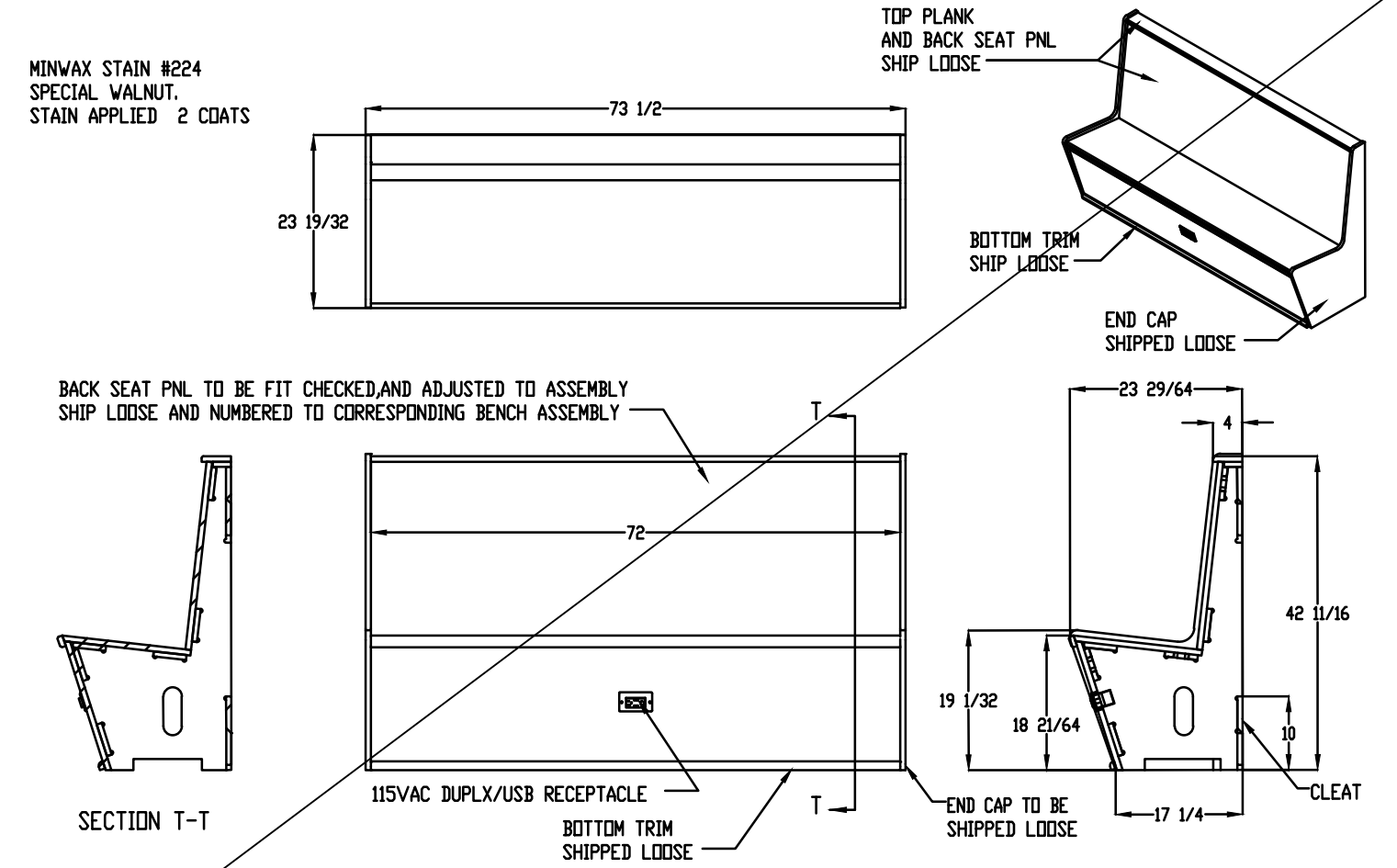


5 ITEM #76 - MARKET PLACE
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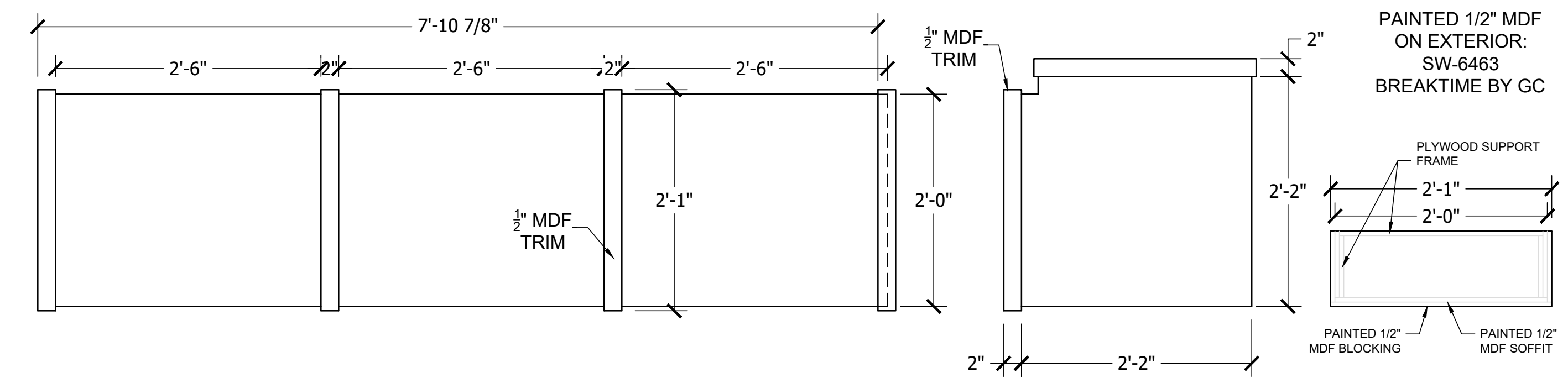
CONSTRUCTION NOTES:
 1. TOP SOLID SURFACE-TROPICAL TEAL
 2. 1 5/8" GALV. TUBE LEG ASSY



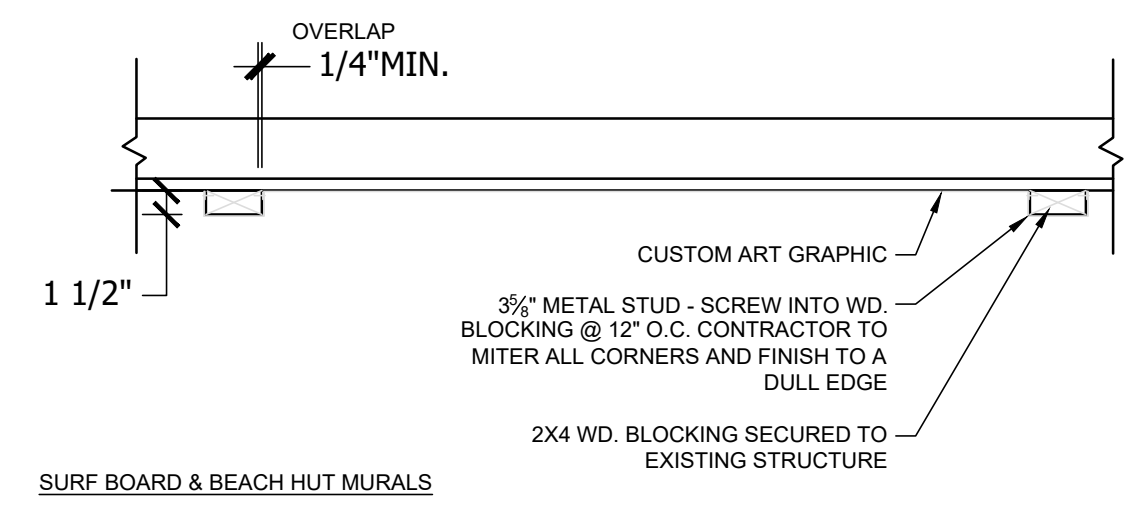
6 ITEM #49 - CASHIER COUNTER TOP
 1/2" = 1'-0"



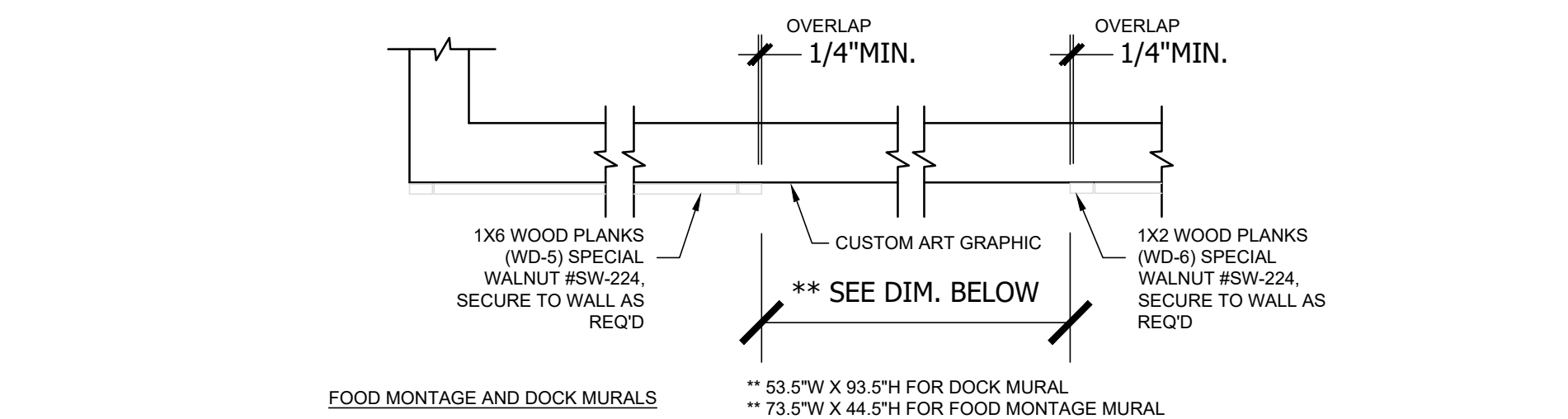
7 ITEM #77 - BANQUET SEATING
 1/2" = 1'-0"



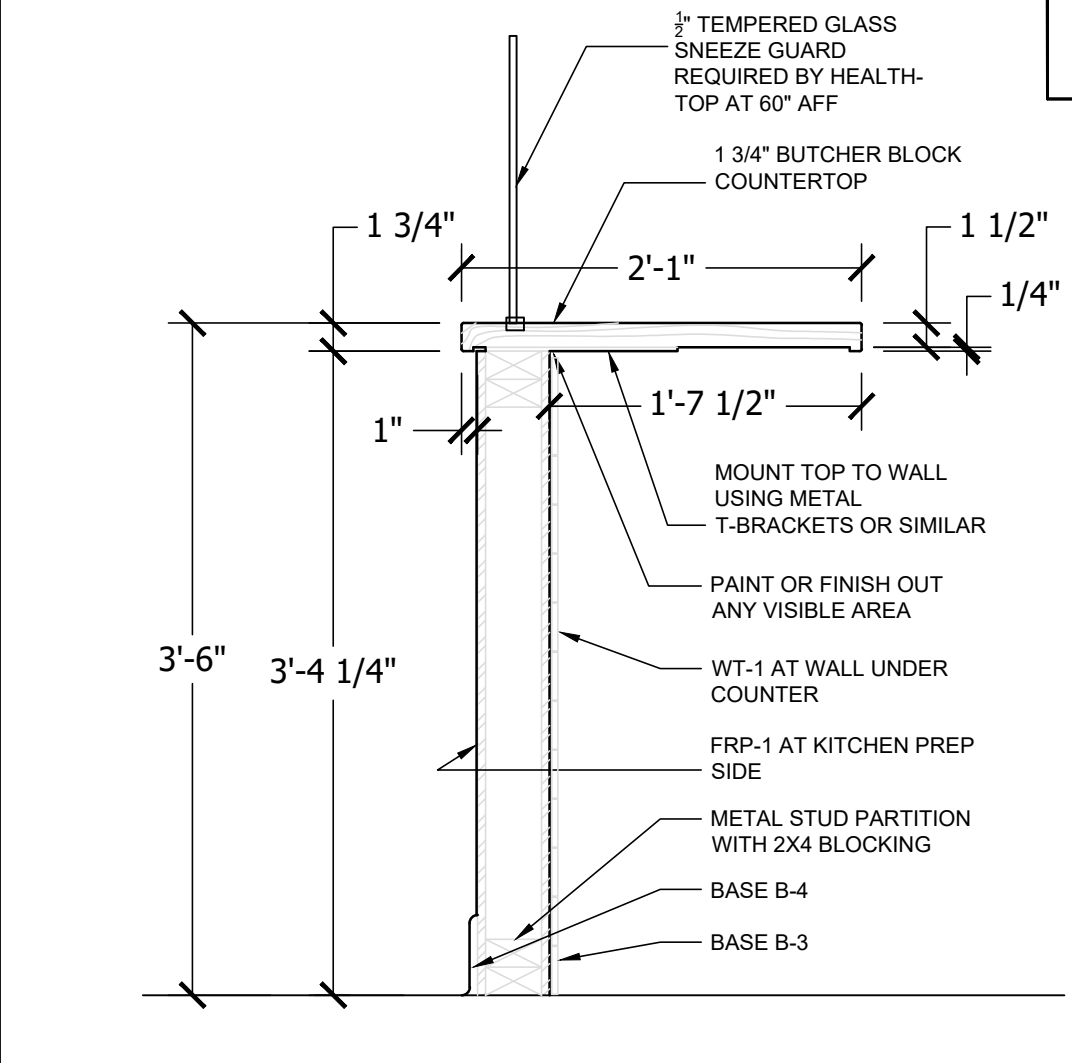
8 ITEM #74D - MILLWORK SOFFIT DETAIL
 1/2" = 1'-0"



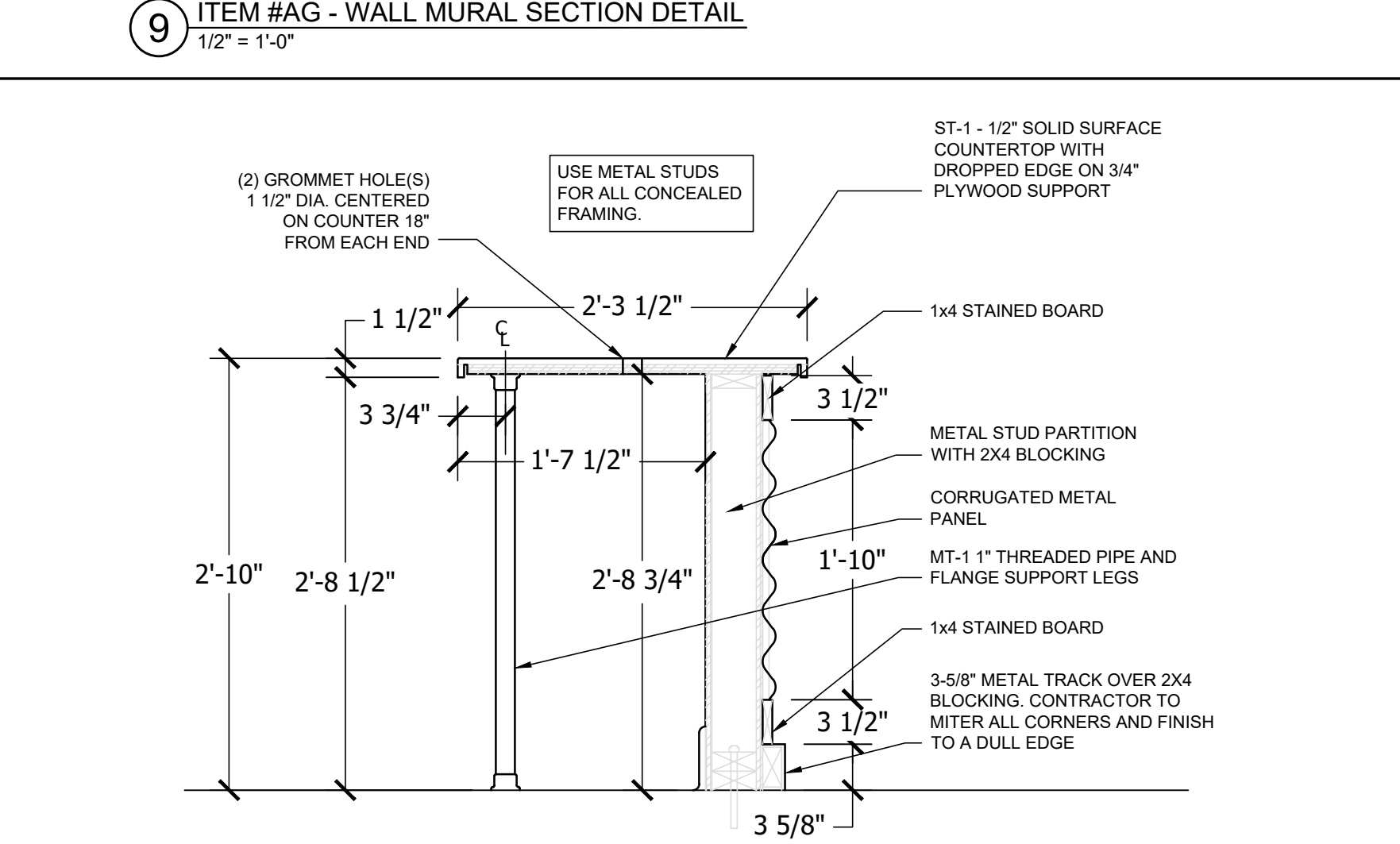
9 ITEM #AG - WALL MURAL SECTION DETAIL
 1/2" = 1'-0"



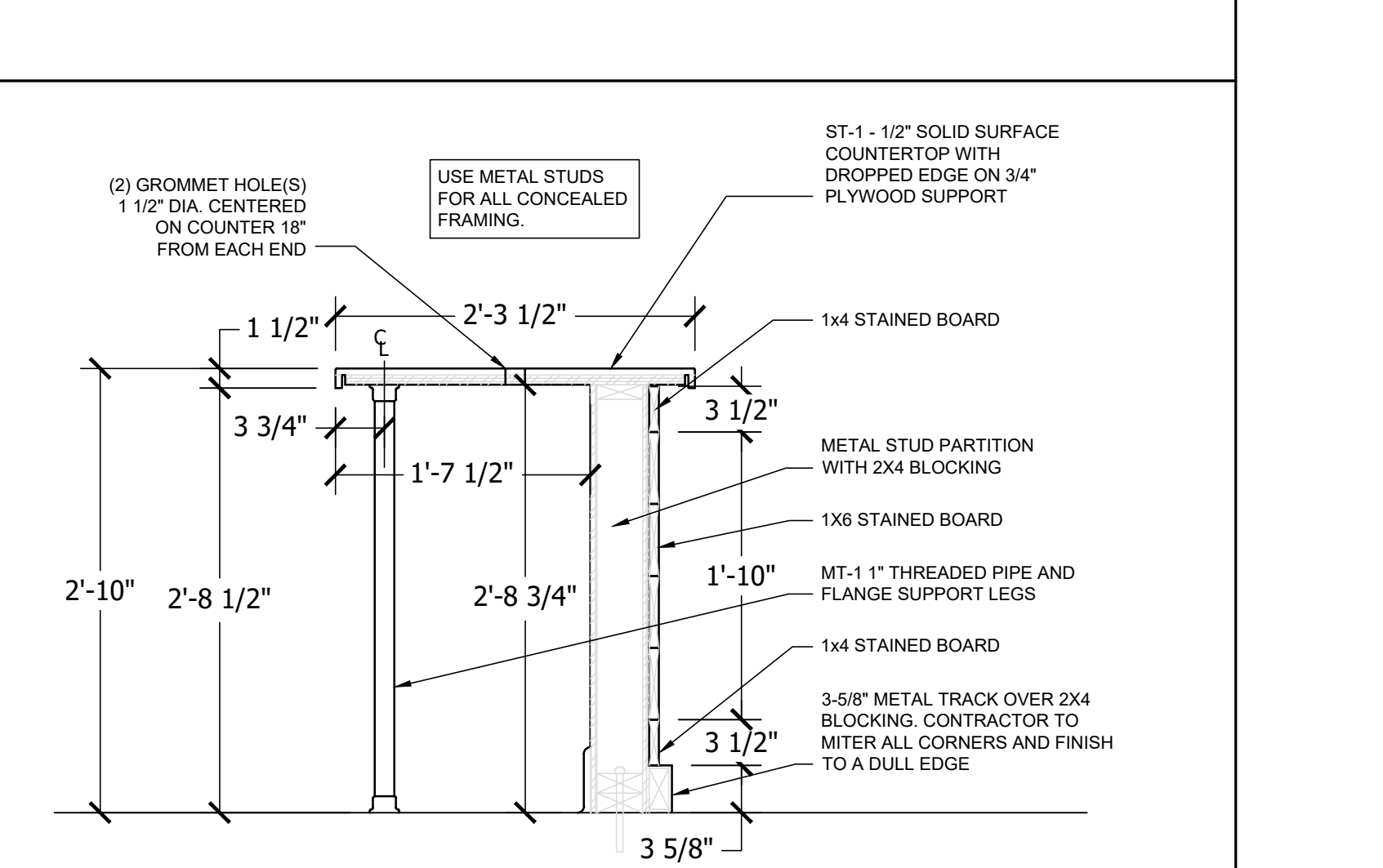
10 ITEM #AG - WALL MURAL SECTION DETAIL
 1/2" = 1'-0"



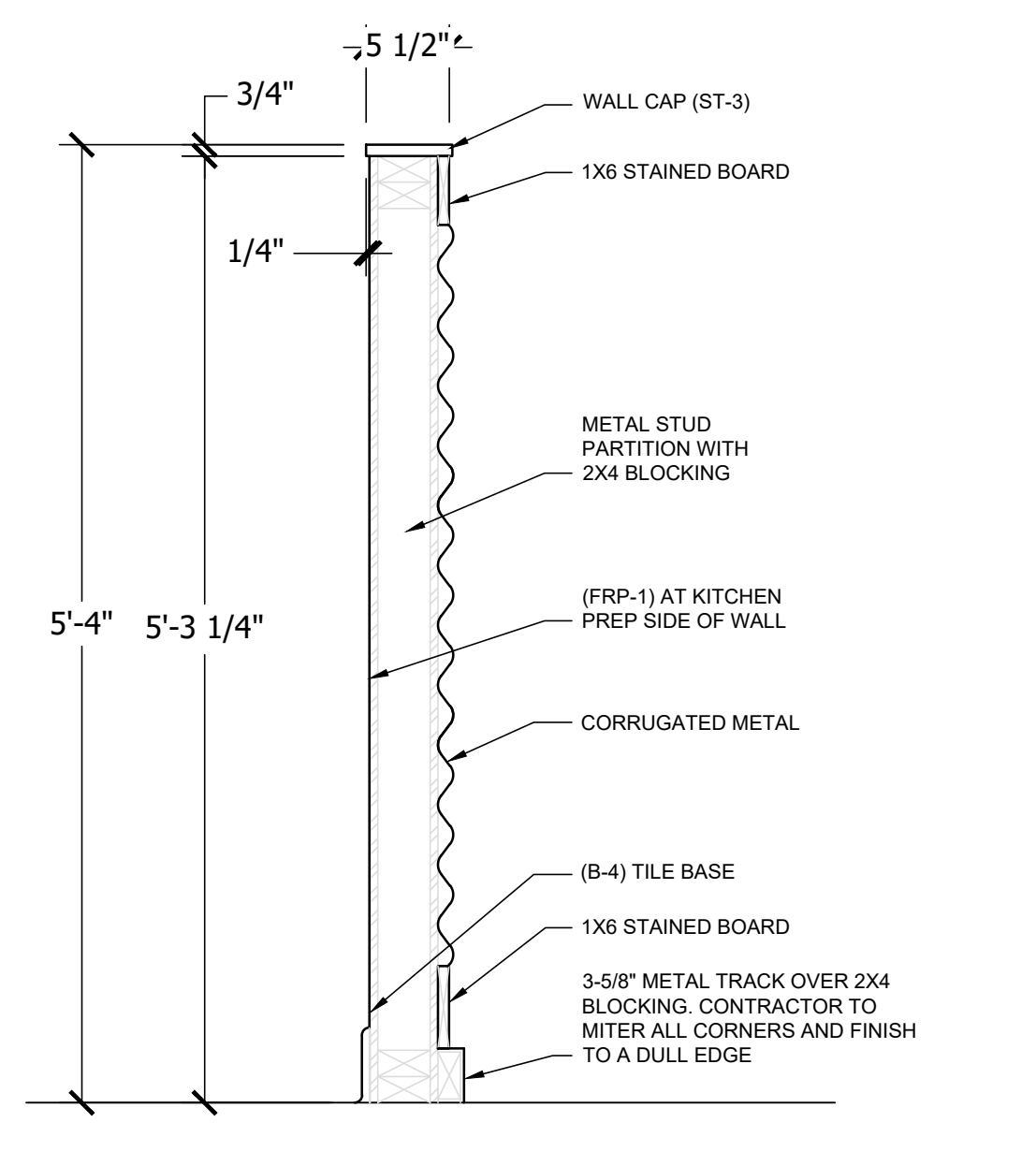
10 COUNTER AT BAR
 1/2" = 1'-0"



11 ITEM #49 - CASHIER COUNTER SECTION
 1/2" = 1'-0"



12 ITEM #49 - CASHIER COUNTER SECTION
 1/2" = 1'-0"



13 ITEM #73 - HALF-HGT WALL
 1" = 1'-0"

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DATE: 03.05.2020

Dustin Curtis
 Registered Architect
 No. 2286
 North Carolina
 Phoenix, AZ
 12-15-20

DETAILS

A6.2

1. CONTRACTOR

General Conditions

a. The Contractor shall be lawfully licensed. The Contractor shall designate in writing a representative who shall have express authority to bind the Contractor with respect to all matters under this Contract.

b. The Contractor shall perform the Work in accordance with the Contract Documents. Execution of the Contract by the Contractor is a representation that the Contractor has carefully examined the Contract Documents, has visited the site, become thoroughly familiar with the nature and location of the Work, the conditions of the site as they exist, and the character of the operations to be carried out under the Contract Documents, including all existing site conditions, access to the site, physical characteristics of the site and surrounding areas, and all matters that affect the Work, or its performance. Because of such examinations and investigations, the Contractor further represents that he thoroughly understands the Contract Documents. The Contractor further represents that he will abide by all applicable codes, ordinances, laws, regulations, and rules as they apply to the Work. Claims for additional time or additional compensation because of the Contractor's failure to familiarize himself with all local conditions and the Contract Documents will not be permitted.

c. Because the Contract Documents are complementary, the Contractor shall, before starting each portion of the Work, carefully study and compare the various Contract Documents relative to that portion of the Work, as well as the information furnished by the Owner, shall take field measurements of any existing conditions related to that portion of the Work, and shall observe any conditions at the site affecting it. These obligations are for the purpose of facilitating coordination and construction by the Contractor and are not for the purpose of discovering errors, omissions, or inconsistencies in the Contract Documents; however, the Contractor shall promptly report to the Owner any errors, inconsistencies or omissions discovered by or made known to the Contractor as a request for information. It is recognized that the Contractor's review is made as a contractor and not as a licensed design professional, unless otherwise specifically provided in the Contract Documents.

d. The accuracy of grades, elevations, dimensions, or locations of existing conditions is not guaranteed by the Architect or the Owner. The Contractor is responsible for verifying same. If the Contractor performs any construction activity when the Contractor knows, or should know in exercise of reasonable diligence, that an activity involves an error, inconsistency, or omission in the Contract Documents, the Contractor shall assume appropriate responsibility for such performance and shall bear an appropriate amount of the costs attributable to correction.

e. The Contractor is not required to ascertain that the Contract Documents are in accordance with applicable laws, statutes, ordinances, codes, rules and regulations, or lawful orders of public authorities, but the Contractor shall promptly report to the Owner any nonconformity discovered or made known to the Contractor.

f. The Contractor shall supervise and direct the Work, using the Contractor's best skill and attention. The Contractor shall be responsible for, and have control over, construction means, methods, techniques, sequences and procedures and for coordinating all portions of the Work under the Contract.

g. The Contractor shall be responsible to the Owner for acts and omissions of the Contractor's employees, Subcontractors and their agents and employees, and other persons or entities performing work for, or on behalf of, the Contractor, and the Contractor or any of its Subcontractors, and for any damages, losses, costs, and expenses resulting from such acts or omissions.

h. Unless otherwise provided in the Contract Documents, the Contractor shall provide and pay for labor, materials, equipment, tools, construction equipment and machinery, water, heat, utilities, transportation, and other facilities and services necessary for proper execution and completion of the Work, whether temporary or permanent and whether or not incorporated or to be incorporated in the Work.

i. Except in the case of minor changes in the Work, the Contractor may make substitutions only with the consent of the Owner, after evaluation and in accordance with a Change Order or Construction Change Directive.

k. The Contractor shall enforce strict discipline and good order among the Contractor's employees and other persons carrying out the Work. The Contractor shall not permit employment of unit persons or persons not properly skilled in tasks assigned to them.

l. The Contractor warrants to the Owner that materials and equipment furnished under the Contract will be of good quality and new unless the Contract Documents require or permit otherwise. The Contractor warrants that the materials and equipment will conform to the requirements of the Contract Documents and will be free from defects, except for those inherent in the quality of the Work the Contract Documents require or permit. Work, materials, or equipment not conforming to these requirements will be rejected. The Contractor shall be responsible to remedy for damage or defect caused by abuse, alterations to the Work not executed by the Contractor, improper or insufficient maintenance, improper operation, or normal wear and tear and normal usage. If required by the Owner, the Contractor shall furnish satisfactory evidence of the condition and quality of materials and equipment. The Contractor shall assign to the Owner all warranties and guarantees of manufacturers, Subcontractors, and others related to all work.

m. The Contractor shall pay sales, consumer, use and similar taxes for the Work provided by the Contractor that are legally enacted when bids are received or negotiations concluded, whether or not they effective or merely scheduled to go into effect. The Contractor shall cooperate with the Owner to reduce state taxes on the Project. If requested by the Owner, the Contractor shall assist the Owner in the preparation of purchase orders, processing of invoices and payments in order to direct purchase material to be furnished to the Contractor. All state tax savings shall be returned to the Owner.

n. The Contractor shall secure and pay for the building permit as well as for other permits, fees, licenses, and inspections by government agencies necessary for proper execution and completion of the Work that are customarily secured after execution of the Contract and legally required at the time bids are received or negotiations concluded. The Contractor shall be responsible for the building, mechanical, electrical and plumbing permits, engineering, and inspection charges required by any governmental authority or other person or entity having jurisdiction over the work. Said permits shall include, without limitation, both temporary and permanent permits, building permits, certificates of occupancy, curb-breaking permits, highway entrance permits, water permits and all similar permits and certificates. The Owner shall be responsible for all capacity charges and impact fees.

o. The Contractor shall comply with and give notices required by applicable laws, statutes, ordinances, codes, rules and regulations, and lawful orders of public authorities applicable to performance of the Work. If the Contractor fails to give such notices, it shall be liable to said indemnify and hold harmless the Owner and their respective employees, officers and agents, against any resulting fines, penalties, judgments or damages, imposed on or incurred by the parties indemnified hereunder.

p. If the Contractor performs Work knowing it to be contrary to applicable laws, statutes, ordinances, codes, rules and regulations, or lawful orders of public authorities, the Contractor shall assume appropriate responsibility for such construction and shall bear the costs, damages, losses, and expenses attributable to correction.

q. The Contractor shall employ a competent superintendent and necessary assistants who shall be in attendance at the Project site during performance of the Work. The superintendent shall represent the Contractor, and communications given to the superintendent shall be as binding as if given to the Contractor.

2. USE OF SITE

The Contractor shall confine operations at the site to areas permitted by applicable laws, statutes, ordinances, codes, rules and regulations, and lawful orders of public authorities and the Contract Documents and shall not unreasonably encumber the site with materials or equipment. The Contractor shall be responsible for the safe operations of the Owner and agrees to coordinate the Work with the Owner and conduct the Work in a manner which minimizes or eliminates any adverse impact on the Owner.

3. CUTTING AND PATCHING

The Contractor shall be responsible for cutting, fitting or patching required to complete the Work or to make its parts fit together properly. All areas requiring cutting, fitting and patching shall be restored to the condition existing prior to the cutting, fitting and patching, unless otherwise required by the Contract Documents.

4. CLEANING UP

a. The Contractor shall keep the premises and surrounding area free from accumulation of waste materials or rubbish caused by operations under the Contract. At completion of the Work, the Contractor shall remove waste materials, rubbish, the Contractor's tools, equipment, machinery and surplus materials from and about the Project. If the Contractor fails to clean up as provided in the Contract Documents, the Owner may do so and Owner shall be entitled to reimbursement from the Contractor.

5. INDEMNIFICATION

To the fullest extent permitted by law the Contractor shall indemnify and hold harmless the Owner, Owner's consultants, and agents and employees of any of them from and against claims, damages, losses and expenses, including but not limited to attorneys' fees, arising out of or resulting from performance of the Work, provided that such claim, damage, loss or expense is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the Work itself), but only to the extent caused by the negligent acts or omissions of the Contractor, a Subcontractor, anyone directly or indirectly employed by them or anyone whose acts or omissions in connection with the Work or its performance, because of such examinations and investigations, the Contractor further represents that he thoroughly understands the Contract Documents. The Contractor further represents that he will abide by all applicable codes, ordinances, laws, regulations, and rules as they apply to the Work. Claims for additional time or additional compensation because of the Contractor's failure to familiarize himself with all local conditions and the Contract Documents will not be permitted.

6. CONTRACTOR'S QUALIFICATIONS

a. The Contractor is financially solvent, able to pay its debts as they mature and possessed of sufficient working capital to complete the Work and perform its obligations under the Contract Documents in an efficient and capable manner.

b. The Contractor can furnish the tools, materials, supplies, equipment and labor required to complete the Work and perform its obligations under the Contract Documents and has sufficient experience and competence to do so.

c. The Contractor is authorized to do business in the state where the Project is located and is properly licensed by all necessary governmental, public and other authorities having jurisdiction over the Project.

7. OWNER'S RIGHT TO PERFORM CONSTRUCTION AND TO AWARD SEPARATE CONTRACTS

a. The Owner reserves the right to perform construction or operations related to the Project with the Owner's own forces, and to award separate contracts in connection with other portions of the Project or other construction or operations on the site under Conditions of the Contract identical or substantially similar to these including those portions related to insurance and waiver of subrogation.

b. The Owner shall provide for coordination of the activities of the Owner's own forces and of each separate contractor with the Work of the Contractor, who shall cooperate with them. The Contractor shall participate with other separate contractors and the Owner in reviewing their construction schedules and performance requirements.

c. The Contractor shall afford the Owner and separate contractor's reasonable opportunity for introduction and storage of their materials and equipment and performance of their activities, and shall correct and coordinate the Contractor's construction and operations with theirs as required by the Contract Documents.

8. CHANGES IN THE WORK

a. Changes in the Work may be accomplished after execution of the Contract, and without invalidating the Contract, by Change Order, Construction Change Directive or order for a minor change in the Work.

b. Changes in the Work shall be performed under applicable provisions of the Contract Documents, and the Contractor shall proceed promptly, unless otherwise provided in the Change Order, Construction Change Directive or order for a minor change in the Work.

9. PROGRESS AND COMPLETION

a. Time limits stated in the Contract Documents are of the essence of the Contract. By executing the Agreement the Contractor confirms that the Contract Time is a reasonable period for performing the Work.

b. The Owner will schedule furniture and equipment deliveries based on the construction schedule. The Contractor shall be responsible for all costs to the Owner for storage, double handling, re-shipping, and extended general conditions costs of delayed furniture and equipment installations due to the Contractor's not meeting schedule completion dates.

10. SUBSTANTIAL COMPLETION

a. Substantial Completion is the stage in the progress of the Work when all required occupancy permits have been issued and the Work or designated portion thereof is sufficiently complete in accordance with the Contract Documents so that the Owner can occupy or utilize the Work for its intended use.

b. When the Contractor considers that the Work, or a portion thereof which the Owner agrees to accept separately, is substantially complete, the Contractor shall prepare and submit to the Owner a certificate of items to be completed or corrected prior to final payment. Failure to include an item on such list does not alter the responsibility of the Contractor to complete all Work in accordance with the Contract Documents.

c. Upon receipt of the Contractor's list, the Owner will make an inspection to determine whether the Work or designated portion thereof is substantially complete. If the inspection discloses any item, whether or not included on the Contractor's list, which is not sufficiently complete in accordance with the Contract Documents so that the Owner can occupy or utilize the Work or designated portion thereof for its intended use, the Contractor shall, before issuance of the Certificate of Substantial Completion, complete or correct such.

d. Upon receipt of the Contractor's written notice that the Work is ready for final inspection and acceptance and upon receipt of a final Application for Payment, the Owner will promptly make such inspection and, when the Work is acceptable under the Contract Documents and the Contract fully performed, the Owner will promptly issue a final payment.

11. PROTECTION OF PERSONS AND PROPERTY

a. The Contractor shall be responsible for initiating, maintaining and supervising all safety precautions and programs in connection with the performance of the Contract.

b. The Contractor shall take reasonable precautions for safety of, and shall provide reasonable protection to prevent damage, injury or loss to employees on the Work and to other persons who may be affected thereby; the Work and materials and equipment to be incorporated therein, whether in storage on or off the site, under care, custody or control of the Contractor or the Contractor's Subcontractors or Sub-subcontractors; and other property at the site or adjacent thereto, such as permanent structures, buildings, pavements, structures and utilities, not designated for removal, relocation or replacement in the course of construction.

12. INSURANCE

a. The Contractor shall purchase from and maintain in a company or companies lawfully authorized to do business in the appropriate jurisdiction such insurance as will protect the Contractor and the Owner from claims set forth below which may arise out of or result from the Contractor's operations and completed operations under the Contract and for which the Contractor may be legally liable, whether such operations be by the Contractor or by a Subcontractor or by anyone directly or indirectly employed by any of them, or by anyone for whose acts any of them may be liable:

- i. Claims under workers' compensation, disability benefit and other similar employee benefit acts that are applicable to the Work to be performed;
ii. Claims for damages because of bodily injury, occupational sickness or disease, or death of the Contractor's employees;
iii. Claims for damages insured by usual personal injury liability coverage;
iv. Claims for damages, other than to the Work itself, because of injury to or destruction of tangible property;
v. The policies and the certificates required herein shall name the Owner as additional insured and shall be subject to the approval of the Owner. The Contractor shall furnish the Owner copies of any endorsements that are subsequently issued amending coverage or limits.

c. The Owner shall be responsible for purchasing and maintaining the Owner's usual liability insurance.

13. CORRECTION OF WORK

a. The Contractor shall promptly correct Work rejected by the Owner or failing to conform to the requirements of the Contract Documents, whether discovered before or after Substantial Completion and whether or not fabricated, installed or completed. Costs of correcting such rejected Work, the cost of uncovering and replacement, and compensation shall be at the Contractor's expense. If, within one year after the date of Substantial Completion of the Work or designated portion thereof or after the date for commencement of warranties, or by terms of an applicable special warranty required by the Contract Documents, any of the Work is found to be not in accordance with the requirements of the Contract Documents, the Contractor, at the Contractor's expense, shall correct it promptly after receipt of written notice from the Owner to do so unless the Owner has previously given the Contractor a written acceptance of such condition.

b. If the Owner prefers to accept Work that is not in accordance with the requirements of the Contract Documents, the Owner may do so instead of requiring its removal and correction, in which case the Contract Sum will be reduced as appropriate and equitable.

SECTION 03300 CAST-IN-PLACE CONCRETE

PART 1 GENERAL

1.1 QUALITY ASSURANCE

- A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.
B. Standards:
1. ACI 301, Specifications for Structural Concrete for Buildings.
2. ACI 318, Building Code Requirements for Reinforced Concrete, and CRSI Manual of Standard Practice.
C. Mock-Ups: Provide mock-up as required to demonstrate quality of workmanship.

- D. Floor Flatness and Levelness Tolerances:
1. Subfloors under Materials Such as Concrete Toppings, Ceramic Tile, and Sand Bed Terrazzo: ACI 302.1R and ASTM E 1155, floor flatness (F) of 15, floor levelness of 13.
2. Subfloors under Materials Such As Vinyl Tile, Epoxy Toppings, Paint, and Carpet: ACI 302.1R and ASTM E 1155, floor flatness (F) of 20, floor levelness (F) of 17.

- (F) 2. Subfloors under Materials Such As Vinyl Tile, Epoxy Toppings, Paint, and Carpet: ACI 302.1R and ASTM E 1155, floor flatness (F) of 20, floor levelness (F) of 17.

- PART 2 PRODUCTS
2.1 MATERIALS
A. Cast-In-Place Concrete:
1. Cast-in-Place Concrete Reinforcing and Accessories:
a. Concrete Design Mixes: ASTM C 94, suitable for project requirements and site conditions, but with a minimum of 3000 PSI 28 day compressive strength
b. Maximum slump shall be 5 in.
c. Reinforcing Bars: ASTM F 67
d. Concrete Material: ASTM C 150, Type I, Portland cement, potable water.
e. Concrete Admixtures: Containing less than 0.1 percent chloride ions.
f. Vapor Retarder: ASTM D 4397 polyethylene sheet, 6 mils.

- PART 3 EXECUTION
3.1 INSTALLATION
A. Comply with governing codes and specifications, and with AWS "Structural Welding Code".
B. Check elevations and plumb and level tolerances; certify that installed work is within AISI Standards. Owners by engaging testing/inspection agency to inspect welded and bolted connections.
C. Architecturally exposed steel: Fabricate with special care using materials carefully selected for appearance. Store materials off ground and keep clean. Cut, fit and assemble work with surfaces smooth, square and with complete contact at joints. Set all cambers up. Weld all work continuously; grind smooth and flush to make seams not visible after priming. Prepare surfaces to comply with SSPC-SP6, apply prime coat within 24 hours after cleaning.

- D. Touch-up field welds and abraded areas with shop primer.

PART 2 PRODUCTS

- 2.1 MATERIALS
A. Structural Steel:
1. Structural Steel Shapes, Plates, and Bars: ASTM A 572.
2. Cold-Formed Steel Tubing: ASTM A 500, Grade B.
3. Hot-Formed Steel Tubing: ASTM A 501.
4. Steel Pipe: ASTM A 53, Type F, or S, Grade 80, or ASTM A 501.
5. Steel Castings: ASTM A 27, Grade 65-35.
6. Headed Stud-Type Shear Connectors: ASTM A 108, Grade 1015 or 1020.
7. Anchor Bolts: ASTM A 307, nonheaded type.
8. Unfinished Threaded Fasteners: ASTM A 307, Grade A.
9. High-Strength Threaded Fasteners: ASTM A 325 or ASTM A 490, applicable.
10. Structural Steel Primer Paint: SSPC - Paint 13, compatible with topcoats.
a. Cement Grout: Portland cement, sand.
b. Nonmetallic Shrinkage-Resistant Grout: Premixed nonmetallic grouting compound, ASTM C 1107.

- PART 3 EXECUTION
3.1 INSTALLATION
A. Comply with AISI codes and specifications, and with AWS "Structural Welding Code".
B. Check elevations and plumb and level tolerances; certify that installed work is within AISI Standards. Owners by engaging testing/inspection agency to inspect welded and bolted connections.
C. Architecturally exposed steel: Fabricate with special care using materials carefully selected for appearance. Store materials off ground and keep clean. Cut, fit and assemble work with surfaces smooth, square and with complete contact at joints. Set all cambers up. Weld all work continuously; grind smooth and flush to make seams not visible after priming. Prepare surfaces to comply with SSPC-SP6, apply prime coat within 24 hours after cleaning.

- D. Touch-up field welds and abraded areas with shop primer.

SECTION 06000 ROUGH CARPENTRY

PART 1 GENERAL

- 1.1 QUALITY ASSURANCE
A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.
B. Lumber Standards and Grade Stamps: DOC P 20, American Softwood Lumber Standard and inspection agency grade stamps.
C. Construction Panel Standards: DOC P 5.1, U.S. Product Standard for Construction and Industrial Plywood; APA PRF-108.
D. Slab Finishes: Obtain sample approval before beginning work.

- 1. Exterior Wall Framing: 2 inch by 4-inch nominal (38 mm by 89 mm actual) studs, 16 inches (40 cm) on center.
2. Interior Wall Framing: 2 inch by 4-inch (38 mm by 89 mm actual) studs, 16 inches (40 cm) on center.

- E. Preservative Treatment: AWPA C2 for lumber and AWPA C2 for plywood; waterborne preservative treatment. Provide for wood in contact with soil, concrete, masonry, roofing, flashing, damp proofing and waterproofing.
F. Fire-Retardant Treatment: AWPA C24 for lumber and AWPA C24 for plywood; noncorrosive type. Provide at building interior where required by code.

- PART 2 PRODUCTS
2.1 MATERIALS
A. Rough Carpentry Applications:
1. Dimension Lumber:
a. Light Framing: Stud, No. 2 or Standard grade.
b. Structural Framing: No. 1 grade.
c. Species: SPF
d. Exposed Framing: Appearance grade.
2. Boards:
a. Exposed Boards: 15 percent moisture content.
b. Concealed Boards: 19 percent moisture content.
3. Building Paper:
a. Material: Asphalt-saturated organic felt, ASTM D 226, Type 1, No. 15, felt, underlayment.
4. Building Wrap:
a. Material: Air-retarder sheathing made from polyolefins; coated or uncoated, with or without perforations; ASTM E 1827, Type 1.
5. Sill Sealer Gaskets:
a. Material: Glass fiber strip resilient insulation.
6. Framing Anchors and Fasteners:
a. Material: Non-corrosive, suitable for load and exposure. Drywall screws are not acceptable.

- PART 3 EXECUTION
3.1 INSTALLATION
A. Securely attach rough carpentry work to substrate by anchoring and fastening as indicated.
B. Plywood: Comply with applicable recommendations contained in APA Form No. E30K, "APA Design/Construction Guide: Residential & Commercial"
C. Provide nailers, blocking and grounds where required. Set work plumb, level and accurately cut.
D. Install materials and systems in accordance with manufacturer's instructions and approved submittals. Install materials and systems in proper relation with adjacent construction. Coordinate with other work.
E. Comply with manufacturer's requirements for cutting, handling, fastening and working treated materials.
F. Restore damaged components. Protect work from damage.

SECTION 06200 INTERIOR FINISH CARPENTRY

PART 1 GENERAL

- 1.1 SUBMITTALS
A. Product Data: Submit manufacturer's product data and installation instructions for each material and product used.
B. Shop Drawings: Submit shop drawings indicating material characteristics, details of construction, connections, and relationship with adjacent construction.

- 1.3 QUALITY ASSURANCE
A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.
B. Standards: Architectural Woodwork Institute (AWI) "Architectural Woodwork Standards".
C. Preservative Treatment: Nonpressure method, exterior type, AWPA N1
D. Wood Products: Comply with the following:
1. Hardboard: ANA A133-A.
2. Medium-Density Fiberboard: ANSI A208.2, Grade MD-Exterior Glue.
3. Particleboard: ANSI A208.1, Grade M-2-Exterior Glue.
4. Softwood Plywood: DOC P 5.1, Medium Density Overlay.
5. Hardwood Plywood and Face Veneers: NFA HP 1.

- E. Mock-Ups: Provide mock-up as required to demonstrate quality of workmanship of each type of finish carpentry.

PART 2 PRODUCTS

- 2.1 MATERIALS
A. Interior Standing and Running Trim and Rails:
1. Species for Oak or painted Finish: White pine or sugar pine.
2. Species for stained Finish: Knot-free pine where shown on plans.

PART 3 EXECUTION

- 3.1 INSTALLATION
A. Provide work to sizes, shapes, and profiles indicated. Install work to comply with quality standards referenced. Back prime work and install plumb, level and straight with tight joints. Set work to fit.
B. Quality Standards: Install woodwork to comply with AWI standards for the same grade specified for type of woodwork involved.
C. Install materials and systems in accordance with manufacturer's instructions and approved submittals. Install materials and systems in proper relation with adjacent construction. Coordinate with work of other sections.
D. Comply with manufacturer's requirements for cutting, handling, fastening and working treated materials.
E. Repair minor damage, clean and protect.

SECTION 07210 BUILDING INSULATION

PART 1 GENERAL

1.1 QUALITY ASSURANCE

- A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.
B. Standards: ASTM A 27, Grade 65-35.
6. Headed Stud-Type Shear Connectors: ASTM A 108, Grade 1015 or 1020.
7. Anchor Bolts: ASTM A 307, nonheaded type.
8. Unfinished Threaded Fasteners: ASTM A 307, Grade A.
9. High-Strength Threaded Fasteners: ASTM A 325 or ASTM A 490, applicable.
10. Structural Steel Primer Paint: SSPC - Paint 13, compatible with topcoats.
a. Cement Grout: Portland cement, sand.
b. Nonmetallic Shrinkage-Resistant Grout: Premixed nonmetallic grouting compound, ASTM C 1107.

- PART 2 PRODUCTS
2.1 MATERIALS
A. Blanks/Batt Insulation:
1. Application: Thermal insulation in studs in exterior walls.
a. Batt Insulation: R-19, R-13, R-11 as shown on plans. Craft faced with stapling flange for wood framing.
2. Type: Foil-faced mineral wool.
a. Standard: ASTM C 665, Type III (foil-scrim-kraft vapor-retarder membrane).
b. Foil reinforced kraft facing (FRK) with stapling flange for wood stud application in attic areas (FS-25) with flame spread of 2/3) as manufactured by Owens Corning or Equal.
3. Sound Batt insulation with noncombustible mineral fiberglass Batts with minimum 3/4" thickness.

- PART 3 EXECUTION
3.1 INSTALLATION
A. Comply with governing codes and specifications, and with manufacturer's instructions and approved submittals. Install materials and systems in proper relation with adjacent construction. Coordinate with work of other sections. Provide full thickness in one layer over entire area, tightly fitting around penetrations. Pour loose insulation into cavities indicated; provide uniform coverage at correct density and thickness.
B. Install vapor retarder membrane. Install edge of inside face of exterior walls and elsewhere as indicated. Seal all seams and around perimeter and penetrations with duct tape to form a continuous vapor retarder free of holes.
D. Protect installed insulation and vapor retarder.

SECTION 08110 STEEL DOORS AND FRAMES

PART 1 GENERAL

1.1 QUALITY ASSURANCE

- A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.
B. Standards: ANSI/SD-100, Recommended Specifications for Standard Steel Doors and Frames.
C. Performance Standards:
1. Fire-Rated Assemblies: NFA 80, and acceptable testing agency listing.
2. Thermal-Rated Assemblies at Exterior: ASTM C 236 or ASTM C 976.
3. Sound-Rated Assemblies at Mechanical Rooms: ASTM E 1408, and ASTM E 413.

- PART 2 PRODUCTS
2.1 MATERIALS
A. Interior Steel Frames:
1. Material: Minimum 16 gauge steel sheet.
2. Corners: Mitered or coped.
3. Type: Knockdown.
B. Exterior Steel Frames:
1. Manufacturers: Material: Minimum 14 gauge galvanized steel sheet.
2. Corners: Mitered or coped.
3. Type: Knockdown.
C. Interior Pressurized Steel Doors and Frames:
1. Material: Minimum 22 gauge steel sheet.
2. Door Depth: Typical 2 1/2 inches.
2. Door Thickness: 1 3/4 inches.
3. Door Faces: Flush.
4. Finish: Factory finished.

- PART 3 EXECUTION
3.1 INSTALLATION
A. Fabricate work to rigid, neat and free from seams, defects, dents, warp, ticks, and exposed fasteners. Install doors and frames in compliance with SD-100, NFA 80, and requirements of authorities having jurisdiction.
B. Install frames plumb, level, rigid and in true alignment in accordance with ANSI A250.11, "Recommended Erection Instructions for Steel Frames," and ANSI A115.10, "Installation Guide for Doors and Hardware." Hardware: Prepare doors and frames to receive hardware on final schedule. Provide for 3 silencers on single doorframes; 2 on double doorframes.
C. Shop Finish: Clean, treat and prime paint all work with rust-inhibiting primer compatible with finish paint specified in Division 9 schedule. Provide asphalt emulsion sound deadening coating on concealed frame interiors.
D. Touch-up damaged coatings ready to receive finish painting.

- E. CLEARANCES
1. Clearance between the door and frame head and jams for both single swing and pairs of doors shall be 1/8 inch (3.2 mm).
2. Clearance between the door and frame side of doors shall be 1/16 inch plus or minus 1/16 inch (1.5 mm plus or minus 1.5 mm). For fire rated applications, the clearance between the meeting edges of pairs of doors shall be 1/8 inch plus or minus 1/16 inch (3.2 mm plus or minus 1.6 mm). (Standard)
4. The clearance between the face of the door and door stop shall be 1/16 inch to 1/16 inch (1.6 mm plus or minus 3.2 mm).

- F. Adjust doors for free swing without binding.

SECTION 08210 FLUSH WOOD DOORS

PART 1 GENERAL

1.1 QUALITY ASSURANCE

- A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.
B. Quality Standards: [NFWDA S.1.3-A, "Architectural Wood Flush Doors,"] [AWI's "Architectural Woodwork Standards,"]
C. Fire Rated Wood Doors: Meet NFA 80 requirements.

PART 2 PRODUCTS

- 2.1 MATERIALS
A. Interior Flush Wood Doors:
1. Type: Hollow core.
2. Thickness: 1-3/8 inches thick.
3. Grade: Economy.
4. Frames: Metal knockdown.
5. Finish: Application: Site finished.

- PART 3 EXECUTION
3.1 INSTALLATION
A. Comply with NWMA S. 1A and specified quality standard.
B. Pre-fit doors to frames. Pre-machine doors for hardware listed on final schedules. Factory level doors.
C. Correct any deficiency that prohibits the door from swinging or operating freely. Do not remove hinge screws after initial insertion. Shimms used for alignment purposes must be inserted between hinge and door. Do not insert shims between hinge and door.
D. Insure that door closers are properly adjusted and do not limit the door from opening swing. Limit door opening swing only with a properly located stop.
E. Replace doors that are damaged or that do not comply with requirements. Doors may be repaired or reinstalled if work complies with requirements and shows no evidence of repair or replacement.
F. Install doors with not more than 1/8 inch clearance at top and sides, 1/4 inch at bottom. Comply with NFA 80 for rated assemblies.
G. Adjust, clean, and protect.

- 11. Auxiliary Materials:
a. Push/pulls, doorstops, overhead holders, and deadlocks.
b. Weatherstripping and thresholds.
c. Exit devices.

PART 3 EXECUTION

- 3.1 INSTALLATION
A. Take field measurements before fabrication where possible; do not delay job progress.
B. Install materials and systems in accordance with manufacturer's instructions and approved submittals. Install materials and systems in proper relation with adjacent construction and with uniform appearance. Coordinate with work of other sections.
C. Anchor securely in place; install plumb, level and in true alignment. Isolate dissimilar materials to prevent corrosion.
D. Install components to drain water passing joints, condensation occurring within framing members, and moisture migrating within the system to exterior.
E. Adjust operating entrance door hardware to function smoothly as recommended by manufacturer.
1. For entrance doors accessible to people with disabilities, adjust closers to provide a 3-second closer sweep period for doors to move from a 70-degree open position to 3 inches (75 mm) from the latch, measured to the leading door edge.

- F. Coordinate with glass and glazing work; install hardware and adjust for smooth, proper operation.
G. Aluminum framed assemblies will be considered defective if they do not pass tests and inspections.
H. Clean and protect completed system; repair damage.

- PART 1 GENERAL
1.1 QUALITY ASSURANCE
A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.
B. Tolerances: Not more than 1/8 inch in 10 foot deviation from true plane, plumb, level and proper relation to adjacent surfaces in finished work.
C. Fire Resistance for Fire-Rated Assemblies: ASTM E 119.
D. Performance: Fire, structural, and seismic performance meeting requirements of building code and local authorities.

SECTION 09110 NON-STRUCTURAL METAL FRAMING

PART 1 GENERAL

- 1.1 QUALITY ASSURANCE
A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.
B. Tolerances: Not more than 1/8 inch in 10 foot deviation from true plane, plumb, level and proper relation to adjacent surfaces in finished work.
C. Fire Resistance for Fire-Rated Assemblies: ASTM E 119.
D. Performance: Fire, structural, and seismic performance meeting requirements of building code and local authorities.

PART 2 PRODUCTS

- 2.1 MATERIALS
A. Steel Framing for Walls and Partitions:
1. Material: Standard: ASTM C645.
2. Steel Thickness: 20 gauge (0.0329 inch).
3. Stud Thickness: 25 gauge (0.179 inch).
4. Stud Depth: Typical 2 1/2 inches.
5. Stud Depth: Typical 3-5/8 inches.
6. Finish: Factory finished.

- PART 3 EXECUTION
3.1 INSTALLATION
A. Fabricate work to rigid, neat and free from seams, defects, dents, warp, ticks, and exposed fasteners. Member in good standing of the EFS industry members association and EIMA. System manufacturer for a minimum 20 years and manufacturing facilities is certified system.
B. Type: EIMA Class P3.
3. Base Coat: Portland cement and polymer adhesive.
4. Finish Coat: Integral colored polymer emulsion.
5. Drainage Layer: Manufacturer's standard drainage mat.
6. Thermal Insulation: Mold

SECTION 0910
ACOUSTICAL CEILINGS

FIRE PROTECTION SPECIALTIES

1.1 QUALITY ASSURANCE
A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.

2.1 MATERIALS

A. Fire Extinguishers:
1. Type: Multipurpose dry chemical type.

3.1 INSTALLATION

A. Install materials and systems in accordance with manufacturer's instructions and approved submittals. Install materials and systems in proper relation with adjacent construction and with uniform appearance. Coordinate work of other sections.
B. Install fire extinguishers in mechanical and service areas with wall-hung brackets at locations and heights indicated and acceptable to authorities having jurisdiction.

SECTION 10800
TOILET ACCESSORIES

1.1 QUALITY ASSURANCE

A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.

2.1 MATERIALS

A. Toilet and Bath Accessories:
1. Accessory: Paper towel dispensers.
2. Accessory: Toilet tissue dispensers, single roll.
3. Accessory: Waste receptacles.
4. Accessory: Grab bars.
5. Accessory: Wall Mirror
6. Accessory: Soap dispensers, wall mounted.

3.1 INSTALLATION

A. Install materials and systems in accordance with manufacturer's instructions and approved submittals. Coordinate work of other sections.

SECTION 0910
PAINTS

1.1 QUALITY ASSURANCE
A. Comply with governing codes and regulations. Provide products of acceptable manufacturers, which have been in satisfactory use in similar service for three years. Use experienced installers. Deliver, handle, and store materials in accordance with manufacturer's instructions.

2.1 MATERIALS

A. Painting:
1. Manufacturers: Sherwin-Williams, ProMar 200
2. Application: Interior unfinished surfaces.
Primary Coating Type: Latex
4. Primary Paint Systems: Primer plus two finish coats.

3.1 EXECUTION

A. Inspect surfaces, report unsatisfactory conditions in writing; beginning work means acceptance of substrate.
B. Comply with manufacturer's instructions and recommendations for preparation, priming and coating work. Coordinate work of other sections.
1. Maintain environmental conditions (temperature, humidity, and ventilation) within limits recommended by manufacturer for optimum results. Do not install products under environmental conditions outside manufacturer's absolute limits.

4.1 EXECUTION

A. Remove surface irregularities by scraping or sanding to produce uniform substrate for coating application; apply one coat primer of type recommended by coating manufacturer for maximum coating adhesion.

5.1 EXECUTION

A. Remove surface irregularities by scraping or sanding to produce uniform substrate for coating application; apply one coat primer of type recommended by coating manufacturer for maximum coating adhesion.

6.1 EXECUTION

A. Remove surface irregularities by scraping or sanding to produce uniform substrate for coating application; apply one coat primer of type recommended by coating manufacturer for maximum coating adhesion.

7.1 EXECUTION

A. Remove surface irregularities by scraping or sanding to produce uniform substrate for coating application; apply one coat primer of type recommended by coating manufacturer for maximum coating adhesion.

8.1 EXECUTION

A. Remove surface irregularities by scraping or sanding to produce uniform substrate for coating application; apply one coat primer of type recommended by coating manufacturer for maximum coating adhesion.

9.1 EXECUTION

A. Remove surface irregularities by scraping or sanding to produce uniform substrate for coating application; apply one coat primer of type recommended by coating manufacturer for maximum coating adhesion.

10.1 EXECUTION

A. Remove surface irregularities by scraping or sanding to produce uniform substrate for coating application; apply one coat primer of type recommended by coating manufacturer for maximum coating adhesion.

11.1 EXECUTION

A. Remove surface irregularities by scraping or sanding to produce uniform substrate for coating application; apply one coat primer of type recommended by coating manufacturer for maximum coating adhesion.

12.1 EXECUTION

A. Remove surface irregularities by scraping or sanding to produce uniform substrate for coating application; apply one coat primer of type recommended by coating manufacturer for maximum coating adhesion.

13.1 EXECUTION

A. Remove surface irregularities by scraping or sanding to produce uniform substrate for coating application; apply one coat primer of type recommended by coating manufacturer for maximum coating adhesion.

14.1 EXECUTION

A. Remove surface irregularities by scraping or sanding to produce uniform substrate for coating application; apply one coat primer of type recommended by coating manufacturer for maximum coating adhesion.

15.1 EXECUTION

A. Remove surface irregularities by scraping or sanding to produce uniform substrate for coating application; apply one coat primer of type recommended by coating manufacturer for maximum coating adhesion.

B. Provide the owner with the following prior to final acceptance:
a. Parts list for each piece of equipment.
b. One bound set of approved shop drawings.
c. One bound set of operating instructions and maintenance schedules for each piece of equipment.
d. Copies of all warranties for each piece of equipment.

C. Guarantees and Warranties:
1. Guarantee all labor and material furnished for a period of one year extending from the time of final acceptance of the building. The guarantee shall cover the repair or replacement without additional cost to the owner for any defective material or faulty workmanship.
2. Provide warranties for each piece of major equipment. Warranties shall be included with the owner's final documents.

D. Training Services:
1. Thoroughly instruct the owner's personnel during normal working hours on start-up and shut-down procedures, troubleshooting procedures, servicing and preventative maintenance schedules and procedures. Review with the owner's personnel the data contained in the operating and maintenance manuals. Schedule the training with the owner. Provide at least 7 days prior notice to architect/engineer.

E. System Identification:
1. Provide identification labels on or near each piece of major equipment and each operational device and disconnect. The labels shall be constructed of engraved plastic laminate sign or plastic equipment marker permanently secured to equipment. The lettering shall be a minimum of 1/2 inch high for equipment name and 3/8 inch for equipment information.

F. Hangers and Supports:
1. Provide all necessary ductwork, pipe supports, hanger rods, clamps and attachments to properly support ductwork, piping and equipment from the building structure. Provide any angle iron or unistrut and suspension rods required to install equipment, piping and ductwork.

G. Air-Conditioning Equipment (If any new equipment is shown):
1. New units shall be air-to-air electrically or as scheduled on the design drawings. Units with integral electric resistance heaters shall have a single-point electric connection. Total cooling capacity of the units shall be as scheduled on drawings. Unit cabinets shall be constructed of galvanized steel, bonded and coated with baked enamel. Cabinet insulation shall comply with local energy code requirements.

H. In-Plant Air Conditioning:
1. The indoor air fans shall be of the forward-curved centrifugal class 1 type. The outdoor air fans shall be of the propeller type, each directly driven by an inherently protected motor. Motor and drive to provide higher fan output when job requirements exceed standard fan capacity shall be provided.

I. Glass Fiber Duct Board:
1. Glass fiber duct board with anti-microbial treated inner lining, equal to "tough-duct". Inner lining shall be sealed in accordance with the manufacturer's recommendations. Duct board shall be 1 1/2" thick, +/- 4. All field joints shall be sealed with glass fabric and mastic.

J. Adjustable Splitters and Dampers:
1. Adjustable splitters and dampers shall be installed in every split and branch duct and shall be provided with locking quadrants on exposed or in accessible areas of the duct for ease of operation. Elbows or changes in duct direction greater than 45 degrees shall be fitted with air turns consisting of curved airfoil blades or vanes, which will permit the air to make abrupt turns without appreciable turbulence.

K. Flexible Ductwork:
1. Flexible ductwork shall be of the mechanical low-pressure type with interior lining, metal helix, fiberglass insulation with a R-value of 6.0 or greater, and copolymer seamless outside shell. The entire flexible duct assembly shall be listed in accordance with UL-181 class I air duct material. Flexible ductwork shall meet the energy efficiency code.

L. Fire Safety Controls:
1. Install smoke detectors furnished by division 16 in supply and return air ducts. Detector shall shut unit off when activated.

M. Vibration Isolation:
1. All blower units and vibrating type equipment shall be properly fitted with mass industries vibration isolation equipment sized in accordance with equipment weight and duty.

N. Filters:
1. Filters shall be 2" fiberglass media 303 throwaway type in a rigid frame with a supporting maze across both entering and leaving surfaces. Supply one complete set of filters after owner's final acceptance. Fair 30/30 or equal.

O. Access Doors:
1. Furnish in ductwork as indicated and wherever necessary for proper access to all instruments, controls, fire dampers mounted dampers and equipment and for convenient inspection, maintenance and replacement of same. Size to be ample for access. Openings to be reinforced on all sides with material as ductwork in which doors are installed.

P. Access Doors (Hard Surfaces):
1. Contractor shall provide hinged access doors (min. 12"x12") for dampers, valves, etc. Where floors, walls, and ceilings must be penetrated to access mechanical systems, finish shall be coordinated through the architect or owner's representative to match surrounding finishes. Each door shall bear a U.L. Label for fire rating equipment.

Q. Utility Fans:
1. Contractor shall furnish and install centrifugal fans of size and type called for on drawings.
2. Fans shall be rated and constructed to be capable of operating at static pressures of 0.5" above 1" D.O.M. CURTAIN (if new equipment is show on drawings)

R. Galvanized Fans:
1. Galvanized fans shall be forward curved centrifugal type, double inlet design, with zinc plated hubs. Tangential type blowers and coupling connection shall not be permitted. Inlet screen shall be perforated stainless steel powder coated blade.

S. Discharge Nozzle:
1. Discharge nozzle shall be high efficiency discharge plenum, designed so that the air leaves on a 6 degree plane. Air curtain creates a positive air seal with directional air flow. The vane shall facilitate deflection of air stream 120 degrees. Unit shall have multiple speed motor(s) to control air column down from maximum speed.

T. All Air Curtains:
1. All air curtains shall consist of a stainless steel casing, centrifugal fan, raised stainless steel inlet screen, discharge nozzle, motor(s) and an optional 1/2 inch recleanable filter.

U. Motors:
1. Motors at 1/2 HP 1075 rpm each shall be heavy duty type equipped with permanently lubricated, shielded sleeve bearings of equal size at each end and double extended shafts requiring no outdoor bearings.

V. Insulation:
1. Shall be as manufactured by Owens-Corning, Manville, Pittsburgh corning, Armstrong, or approved equal insulation sundries and adhesives shall be manufactured by Benjamin Foster, Childers, Vinsaco, or approved equal.

W. Insulate all sheet metal ductwork except exhaust ductwork externally with 2" thick (1-6 minimum) Manville R series Microtite type 100 insulation or approved equal. Insulation to have FSK facing and UL fire hazard classification of flames spread 25, smoke developed 50, and fuel contributed 5d. Install per energy efficiency code and manufacturer's recommendations.

X. Contractor shall be responsible for furnishing and installing adequate and proper insulation and moisture seal in a manner that will permanently prevent the accumulation of any objectionable moisture on the exterior of condensate drain piping, or other parts of the system. The contractor shall correct the cause of any condensation and fully repair, without cost the owner, any damages to building surfaces, furnishings or equipment caused by condensation from this system, for the full period of the guarantee.

Y. Perform all work necessary to prepare the structure for the installation of the work.

Z. All holes, openings and damaged materials created during construction shall be repaired and finished by the contractor. Provide all roof, wall and floor penetrations required to complete installation of all mechanical and electrical systems. All penetrations shall be patched and finished to match surrounding surfaces and finishes. All equipment or pipe penetrations through wall, roof and floors shall be sleeved and sealed so as to be water and air tight.

AA. Contractor shall be responsible for furnishing and installing adequate and proper insulation and moisture seal in a manner that will permanently prevent the accumulation of any objectionable moisture on the exterior of condensate drain piping, or other parts of the system. The contractor shall correct the cause of any condensation and fully repair, without cost the owner, any damages to building surfaces, furnishings or equipment caused by condensation from this system, for the full period of the guarantee.

AB. Perform all work necessary to prepare the structure for the installation of the work.

AC. All holes, openings and damaged materials created during construction shall be repaired and finished by the contractor. Provide all roof, wall and floor penetrations required to complete installation of all mechanical and electrical systems. All penetrations shall be patched and finished to match surrounding surfaces and finishes. All equipment or pipe penetrations through wall, roof and floors shall be sleeved and sealed so as to be water and air tight.

AD. Contractor shall be responsible for furnishing and installing adequate and proper insulation and moisture seal in a manner that will permanently prevent the accumulation of any objectionable moisture on the exterior of condensate drain piping, or other parts of the system. The contractor shall correct the cause of any condensation and fully repair, without cost the owner, any damages to building surfaces, furnishings or equipment caused by condensation from this system, for the full period of the guarantee.

2.2 QUALITY ASSURANCE

A. Provide the owner with the following prior to final acceptance:
a. Parts list for each piece of equipment.
b. One bound set of approved shop drawings.
c. One bound set of operating instructions and maintenance schedules for each piece of equipment.
d. Copies of all warranties for each piece of equipment.

C. Guarantees and Warranties:
1. Guarantee all labor and material furnished for a period of one year extending from the time of final acceptance of the building. The guarantee shall cover the repair or replacement without additional cost to the owner for any defective material or faulty workmanship.
2. Provide warranties for each piece of major equipment. Warranties shall be included with the owner's final documents.

D. Training Services:
1. Thoroughly instruct the owner's personnel during normal working hours on start-up and shut-down procedures, troubleshooting procedures, servicing and preventative maintenance schedules and procedures. Review with the owner's personnel the data contained in the operating and maintenance manuals. Schedule the training with the owner. Provide at least 7 days prior notice to architect/engineer.

E. System Identification:
1. Provide identification labels on or near each piece of major equipment and each operational device and disconnect. The labels shall be constructed of engraved plastic laminate sign or plastic equipment marker permanently secured to equipment. The lettering shall be a minimum of 1/2 inch high for equipment name and 3/8 inch for equipment information.

F. Hangers and Supports:
1. Provide all necessary ductwork, pipe supports, hanger rods, clamps and attachments to properly support ductwork, piping and equipment from the building structure. Provide any angle iron or unistrut and suspension rods required to install equipment, piping and ductwork.

G. Air-Conditioning Equipment (If any new equipment is shown):
1. New units shall be air-to-air electrically or as scheduled on the design drawings. Units with integral electric resistance heaters shall have a single-point electric connection. Total cooling capacity of the units shall be as scheduled on drawings. Unit cabinets shall be constructed of galvanized steel, bonded and coated with baked enamel. Cabinet insulation shall comply with local energy code requirements.

H. In-Plant Air Conditioning:
1. The indoor air fans shall be of the forward-curved centrifugal class 1 type. The outdoor air fans shall be of the propeller type, each directly driven by an inherently protected motor. Motor and drive to provide higher fan output when job requirements exceed standard fan capacity shall be provided.

I. Glass Fiber Duct Board:
1. Glass fiber duct board with anti-microbial treated inner lining, equal to "tough-duct". Inner lining shall be sealed in accordance with the manufacturer's recommendations. Duct board shall be 1 1/2" thick, +/- 4. All field joints shall be sealed with glass fabric and mastic.

J. Adjustable Splitters and Dampers:
1. Adjustable splitters and dampers shall be installed in every split and branch duct and shall be provided with locking quadrants on exposed or in accessible areas of the duct for ease of operation. Elbows or changes in duct direction greater than 45 degrees shall be fitted with air turns consisting of curved airfoil blades or vanes, which will permit the air to make abrupt turns without appreciable turbulence.

K. Flexible Ductwork:
1. Flexible ductwork shall be of the mechanical low-pressure type with interior lining, metal helix, fiberglass insulation with a R-value of 6.0 or greater, and copolymer seamless outside shell. The entire flexible duct assembly shall be listed in accordance with UL-181 class I air duct material. Flexible ductwork shall meet the energy efficiency code.

L. Fire Safety Controls:
1. Install smoke detectors furnished by division 16 in supply and return air ducts. Detector shall shut unit off when activated.

M. Vibration Isolation:
1. All blower units and vibrating type equipment shall be properly fitted with mass industries vibration isolation equipment sized in accordance with equipment weight and duty.

N. Filters:
1. Filters shall be 2" fiberglass media 303 throwaway type in a rigid frame with a supporting maze across both entering and leaving surfaces. Supply one complete set of filters after owner's final acceptance. Fair 30/30 or equal.

O. Access Doors:
1. Furnish in ductwork as indicated and wherever necessary for proper access to all instruments, controls, fire dampers mounted dampers and equipment and for convenient inspection, maintenance and replacement of same. Size to be ample for access. Openings to be reinforced on all sides with material as ductwork in which doors are installed.

P. Access Doors (Hard Surfaces):
1. Contractor shall provide hinged access doors (min. 12"x12") for dampers, valves, etc. Where floors, walls, and ceilings must be penetrated to access mechanical systems, finish shall be coordinated through the architect or owner's representative to match surrounding finishes. Each door shall bear a U.L. Label for fire rating equipment.

Q. Utility Fans:
1. Contractor shall furnish and install centrifugal fans of size and type called for on drawings.
2. Fans shall be rated and constructed to be capable of operating at static pressures of 0.5" above 1" D.O.M. CURTAIN (if new equipment is show on drawings)

R. Galvanized Fans:
1. Galvanized fans shall be forward curved centrifugal type, double inlet design, with zinc plated hubs. Tangential type blowers and coupling connection shall not be permitted. Inlet screen shall be perforated stainless steel powder coated blade.

S. Discharge Nozzle:
1. Discharge nozzle shall be high efficiency discharge plenum, designed so that the air leaves on a 6 degree plane. Air curtain creates a positive air seal with directional air flow. The vane shall facilitate deflection of air stream 120 degrees. Unit shall have multiple speed motor(s) to control air column down from maximum speed.

T. All Air Curtains:
1. All air curtains shall consist of a stainless steel casing, centrifugal fan, raised stainless steel inlet screen, discharge nozzle, motor(s) and an optional 1/2 inch recleanable filter.

U. Motors:
1. Motors at 1/2 HP 1075 rpm each shall be heavy duty type equipped with permanently lubricated, shielded sleeve bearings of equal size at each end and double extended shafts requiring no outdoor bearings.

V. Insulation:
1. Shall be as manufactured by Owens-Corning, Manville, Pittsburgh corning, Armstrong, or approved equal insulation sundries and adhesives shall be manufactured by Benjamin Foster, Childers, Vinsaco, or approved equal.

W. Insulate all sheet metal ductwork except exhaust ductwork externally with 2" thick (1-6 minimum) Manville R series Microtite type 100 insulation or approved equal. Insulation to have FSK facing and UL fire hazard classification of flames spread 25, smoke developed 50, and fuel contributed 5d. Install per energy efficiency code and manufacturer's recommendations.

X. Contractor shall be responsible for furnishing and installing adequate and proper insulation and moisture seal in a manner that will permanently prevent the accumulation of any objectionable moisture on the exterior of condensate drain piping, or other parts of the system. The contractor shall correct the cause of any condensation and fully repair, without cost the owner, any damages to building surfaces, furnishings or equipment caused by condensation from this system, for the full period of the guarantee.

Y. Perform all work necessary to prepare the structure for the installation of the work.

Z. All holes, openings and damaged materials created during construction shall be repaired and finished by the contractor. Provide all roof, wall and floor penetrations required to complete installation of all mechanical and electrical systems. All penetrations shall be patched and finished to match surrounding surfaces and finishes. All equipment or pipe penetrations through wall, roof and floors shall be sleeved and sealed so as to be water and air tight.

AA. Contractor shall be responsible for furnishing and installing adequate and proper insulation and moisture seal in a manner that will permanently prevent the accumulation of any objectionable moisture on the exterior of condensate drain piping, or other parts of the system. The contractor shall correct the cause of any condensation and fully repair, without cost the owner, any damages to building surfaces, furnishings or equipment caused by condensation from this system, for the full period of the guarantee.

AB. Perform all work necessary to prepare the structure for the installation of the work.

AC. All holes, openings and damaged materials created during construction shall be repaired and finished by the contractor. Provide all roof, wall and floor penetrations required to complete installation of all mechanical and electrical systems. All penetrations shall be patched and finished to match surrounding surfaces and finishes. All equipment or pipe penetrations through wall, roof and floors shall be sleeved and sealed so as to be water and air tight.

AD. Contractor shall be responsible for furnishing and installing adequate and proper insulation and moisture seal in a manner that will permanently prevent the accumulation of any objectionable moisture on the exterior of condensate drain piping, or other parts of the system. The contractor shall correct the cause of any condensation and fully repair, without cost the owner, any damages to building surfaces, furnishings or equipment caused by condensation from this system, for the full period of the guarantee.

3.1 INSTALLATION

A. All locations of equipment, ductwork, piping, etc. Indicated on the drawings are diagrammatic and shall be followed as closely as possible to the plans subject to building construction and interference with other trades. All work shall be installed to ensure maximum headroom, balanced operation and suitable aesthetic appearance. Contractor is responsible for any field measurements required to provide an approved and functional installation.

B. Not all components required for a complete installation are shown on these drawings. Refer to the owner for any additional installation instructions and applicable codes for additional information, including required connection locations, types and sizes.

C. Contractor shall be responsible for furnishing and installing adequate and proper insulation and moisture-seal in a manner that will permanently prevent the accumulation of any objectionable moisture on the exterior of air-conditioning units, refrigerant piping, condensate drain piping, air ducts or other parts of the system. Contractor shall correct the cause of any condensation and fully repair, without cost to the owner, any damages to building surfaces, furnishings or equipment caused by condensation from this system for the full period of the guarantee.

D. All penetrations shall be patched and finished to match surrounding surfaces and finishes. All equipment or pipe penetrations through walls, roofs and floors shall be sleeved and sealed so as to be water and airtight.

E. Cleaning, testing and adjusting: the contractor, at his expense, shall clean, repair, adjust, check, balance, and place in service the various systems herein specified with their respective equipment, accessories and piping. He shall furnish all labor, materials, equipment, and tools required to perform tests required by these specifications and by the governing authorities.

F. No work shall be concealed until properly inspected and tested.

SECTION 16000
ELECTRICAL

1.1 SUMMARY
A. SERVICE INTERRUPTIONS AND UTILITY:
1. Coordinate with the owner the interruption of utility services necessary to accomplish the construction of all trades requiring for installation in a neat and workmanlike manner.

B. IDENTIFICATION:
1. Properly label all panel boards, distribution panel boards, signal distribution systems including feeder circuits. Provide two copies of typed panel board schedules.

C. PERFORMANCE VERIFICATION:
1. Prior to the final inspection test feeder and branch circuit conductors #8 AWG and larger for shorts, open, intentional and unintentional grounds by means of an approved type of constant "Megger".

D. LAYOUT OF WORK:
1. Coordinate final equipment locations with governing architectural drawings. Provide coordination of all trades requiring for installation in a neat and workmanlike manner.

E. SITE INVESTIGATION:
1. Survey existing site conditions thoroughly before bid. Advise architect prior to bid of any discrepancies between existing site conditions and contract documents.

F. SUPERVISION OF WORK:
1. Provide a field superintendent who has a minimum of four years' experience on projects of a similar nature and size. The superintendent shall be present at all times that work under this division is being installed or affected.

G. COORDINATION:
1. Provide all coordination and supervision where work connects to or is affected by other trades. Locate all openings required for work performed under this section.

H. TRADES OF WORKING DESIGN:
1. The construction document design is based on specific sizes of equipment. Wherever equipment provided differs from the documents, the associated wiring and circuit components shall be changed to the proper size for the equipment being installed with no additional cost to the owner.

I.2 QUALITY ASSURANCE
A. MATERIALS AND WORKMANSHIP:
1. Products and materials shall meet or exceed the quality or requirements specified or shown on the drawings.

J. Provide products and materials, which the manufacturer has certified as appropriate to the applications shown on the drawings and specifications.

K. Provide products and materials, which are supported by convenient, parts availability and servicing.

L. Workmanship shall be in all respects of the highest quality and all construction shall be done according to the best practice of the trade. All systems shall be made complete and operational in first class working order. Furnish all necessary labor and materials to construct a complete system.

M. Provide all labor, materials, equipment, fees, electrical permits and all necessary items for a complete electrical system.

N. Provide complete systems, regardless of whether each individual component is indicated or not on the drawings.

O. The work shall comply with the latest applicable editions of the following listed codes and ordinances:
i. NFPA No. 70 "National Electrical Code".
ii. NEC "Standard of Installation".
iii. Electric utility company service standards.

P. Telephone utility company service standards.
q. Cable TV utility company service standards.
r. Underwriter's laboratory standards.

q. Other local codes, ordinances and laws applicable to the place of work.
ii. Other trades work specified elsewhere:
i. Refer to the architectural, structural and mechanical divisions of the work for electrical work to be done in conjunction with these divisions.

r. Verify locations and electrical requirements of all equipment furnished by the owner or other trades prior to installation of conduit and wire.

s. All materials shall be the new and of the best quality, free of defects. Where applicable, all materials shall be U.L. Listed or be listed with an approved testing agency.

t. All materials shall be fabricated and installed in a neat and workmanlike manner with the coordination of all trades to avoid interference and delay due to lack of coordination.

u. Cleaning, TESTING AND ADJUSTING:
1. Clean, repair, adjust, check and place in service the various systems shown on the construction documents.

v. GUARANTEE AND WARRANTY:
1. Provide written guarantee to the owner stating that all work has been performed in accordance with the construction documents and warranty all work against defects due to faulty workmanship or materials for a period of one year from beneficial occupancy.

w. Assume full responsibility for the timely placement of all conduit, outlet boxes, cabinets, and other wiring devices in walls, ceilings, etc. As the construction progresses.

x. Raceway and conduit systems:
1. Surface mounted equipment and raceways will be painted under division 9. Color as selected by the architect.

y. Size raceways as required by the national electrical code with oversized conduits as indicated. Provide complete raceway systems including conduit, supports, boxes and enclosures and all connections to electrical equipment. Conceal raceway in finished areas unless indicated otherwise. Install exposed raceway parallel or perpendicular to walls, ceiling or structural members.

z. Conduit systems shall be suspended from or affixed to the building superstructure only. In accordance with the NEC with approved conduit straps, clamps, hanger rods and structural fasteners. Non-botted conduit clamps supporting of the conduit system from suspended ceilings is not permitted.

viii. Conduit shall be EMT for branch circuit wiring with set screw connectors. Unless otherwise indicated, PVC (schedule 40) shall be used below and above grade. Flexible conduit shall be used to make final connection to electrical equipment where required, liquid tight shall be used for exterior applications. MC Cable is allowed.

ix. WIRE AND CABLE:
a. Branch circuit and feeder conductors shall be copper 600 volt type THHN/THWN. Conductors #12 AWG and smaller shall be solid. The minimum wire size shall be #12 AWG unless noted otherwise.

x. No aluminum wire will be permitted.

xi. All copper taps and splices #8 AWG or smaller shall be fastened with wire nut connectors. All taps and splices larger than #8 AWG shall be made with equal colored high compression type connectors. An approved shrink sleeve to make insulation rating of the wire shall be used to insulate splices.

xii. All power feeders and branch circuits #8 AWG and smaller shall be wired with color-coded wire as herein specified. Power feeders #8 AWG and larger shall either be color-coded with tape or paint inside all panels, junction boxes, etc.

xiii. 120/208 volt: 3 phase, 4 wire
i. Phase wires black, red, blue
ii. Neutral - white
iv. Ground - green or green with yellow stripes
v. Switch legs - colors other than those utilized above.

xiv. Where permitted by code approved cable assemblies may be used for concealed branch circuit wiring only.

xv. OUTLET BOXES:
a. Features to be used, and number and size of conductors. Minimum 4"x4" square with required rings. Welded boxes are allowed. Provide outlet boxes for all power and communication devices.

b. Ceiling boxes shall be 4" square by 1-1/2" deep or larger as required for number and size of conductors.

c. Flush outlet boxes shall be one piece steel outlet boxes. Boxes shall be mounted so that covers and plates will finish flush with finished surfaces without the use of shims, mats, or other devices. Plates shall not support wiring devices. Gang switches with common cover plates where two or more are indicated in the same location. Outlets on each side of the wall shall have separate boxes, through wall type boxes or back-to-back mounted shall not be permitted. Trim rings shall be extended to within 1/4" of finish wall surface.

d. Support outlet boxes mounted in stud walls with two screws inside of outlet box to a horizontal outlet brace between vertical studs.

e. Outlet boxes that do not receive wiring devices shall be provided with blank plates to match installed wiring device plates.

f. Outlet boxes/conduit bodies exposed to the weather, not contained inside building walls, shall be type malleable iron. Covers shall be of the type and of the same manufacturer as the conduit bodies and shall be suitable for the use in the area served. Cast aluminum boxes will not be approved.

g. Locate special purpose outlets as indicated on the drawings for the equipment served.

h. Location and type of outlets shall be coordinated with the appropriate trades involved. The securing of complete information for proper electrical rough-in shall be included as work required under this division of the contract.

i. WIRING DEVICES:
a. Duplex convenience outlets - NEMA 5-20V Hubbell #5362.
b. Duplex convenience outlets - GFI type NEMA 5-20V, Hubbell # g5362.

c. Switches - 20a
i. Single pole - Hubbell #1211
ii. Double pole - Hubbell #1222
iii. Three pole - Hubbell #1223
iv. Four pole - Hubbell #1224

v. Equal devices by cooper or PMS may be provided.
e. Motor starting switch
i. Square d class 2510 type FGR surface mounted or equal by cutler hammer or GE.

f. Color of wiring devices shall be ivory unless otherwise indicated or directed.
g. Other devices, specification grade, type and NEMA configuration