

A	LEVEL LANDING THRESHOLD, 1/2" BEVELED MAXIMUM RISE, ACCESSIBLE PER ALL APPLICABLE CODES.
B	36" WIDE ACCESSIBLE ROUTE OF TRAVEL.
C	60" DIAMETER CLEAR TURN SPACE FOR WHEELCHAIR ACCESS.
D	30" X 48" CLEAR FOR WHEELCHAIR ACCESS.
E	DOOR CLEARANCES AS INDICATED.
F	COUNTERTOPS ARE AT 2'-10" AFF FOR WHEELCHAIR ACCESSIBILITY.
G	SEE SHEET A300 FOR RESTROOM DETAILS.
H	TACTILE RESTROOM SIGN. REFER TO SHEET A300.

- - - - - ACCESSIBLE PATH OF TRAVEL / WHEELCHAIR ACCESS

- . - . - . - ACCESSIBLE DOOR CLEARANCES

ARCHITECT NAME
ARCHITECT ADDRESS, SUITE XXX
CITY, STATE ZIP CODE
PHONE: (XXX) XXX-XXXX
FAX: (XXX) XXX-XXXX
EMAIL: ARCHITECT@EMAIL.COM
CONTACT: NAME

CONSULTANT:

I HEREBY CERTIFY THAT THE PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY REGISTERED ARCHITECT UNDER THE LAWS OF THE STATE OF TEXAS.


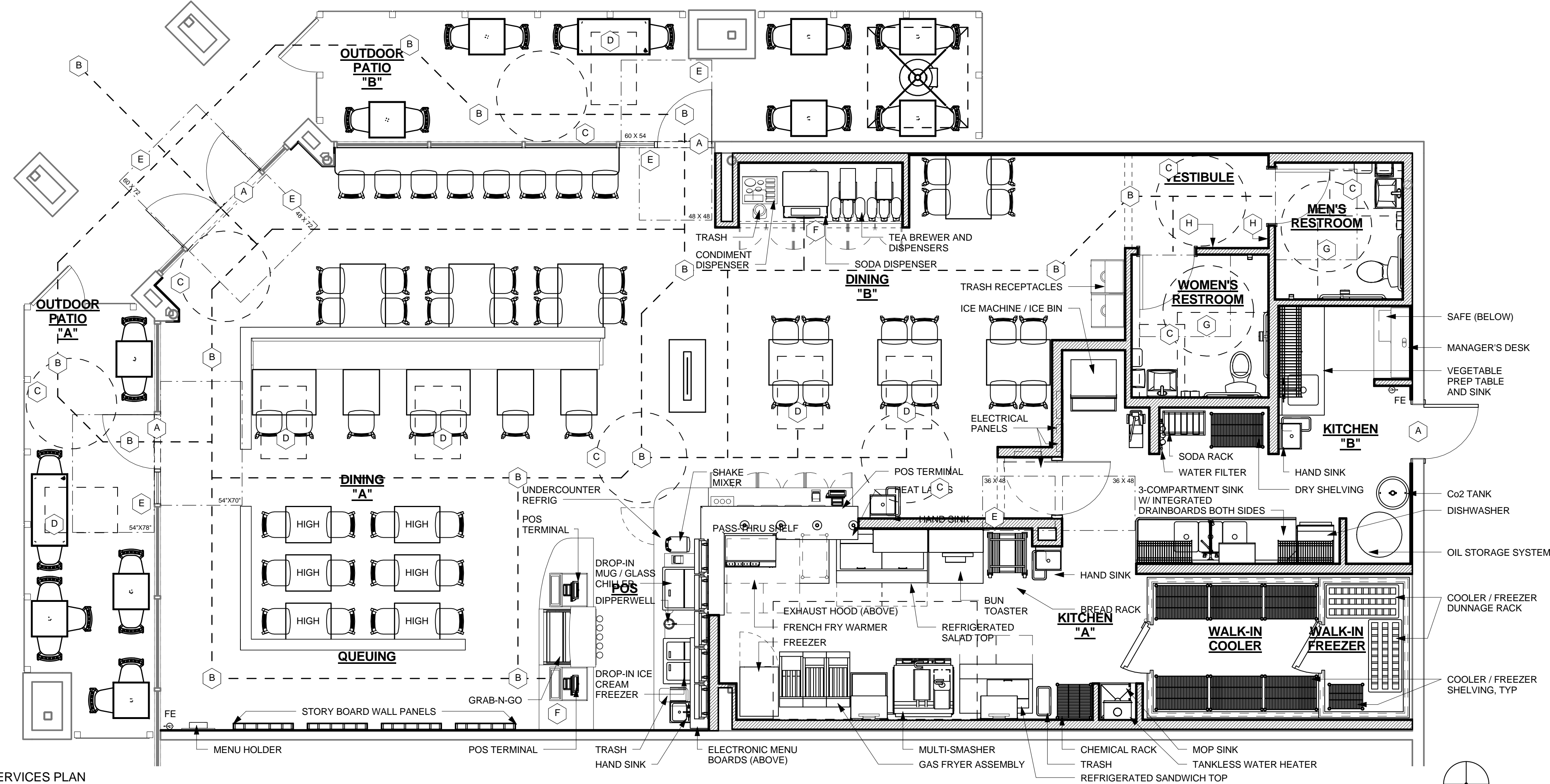
NAME OF ARCHITECT
TYPED OR PRINTED NAME

xx-xx-xxxx
DATE ISSUED

xxxxx
REG. NO.

ARCHITECT
TO REPLACE
WITH SEAL

SEAL.



smashburger®

EXAMPLE PROJECT 3.1

12345 EXAMPLE STREET
SUITE 123
CITY, STATE 98765

SHEET TITLE:
FOOD SERVICES
PLAN

XX-XX-XXXX

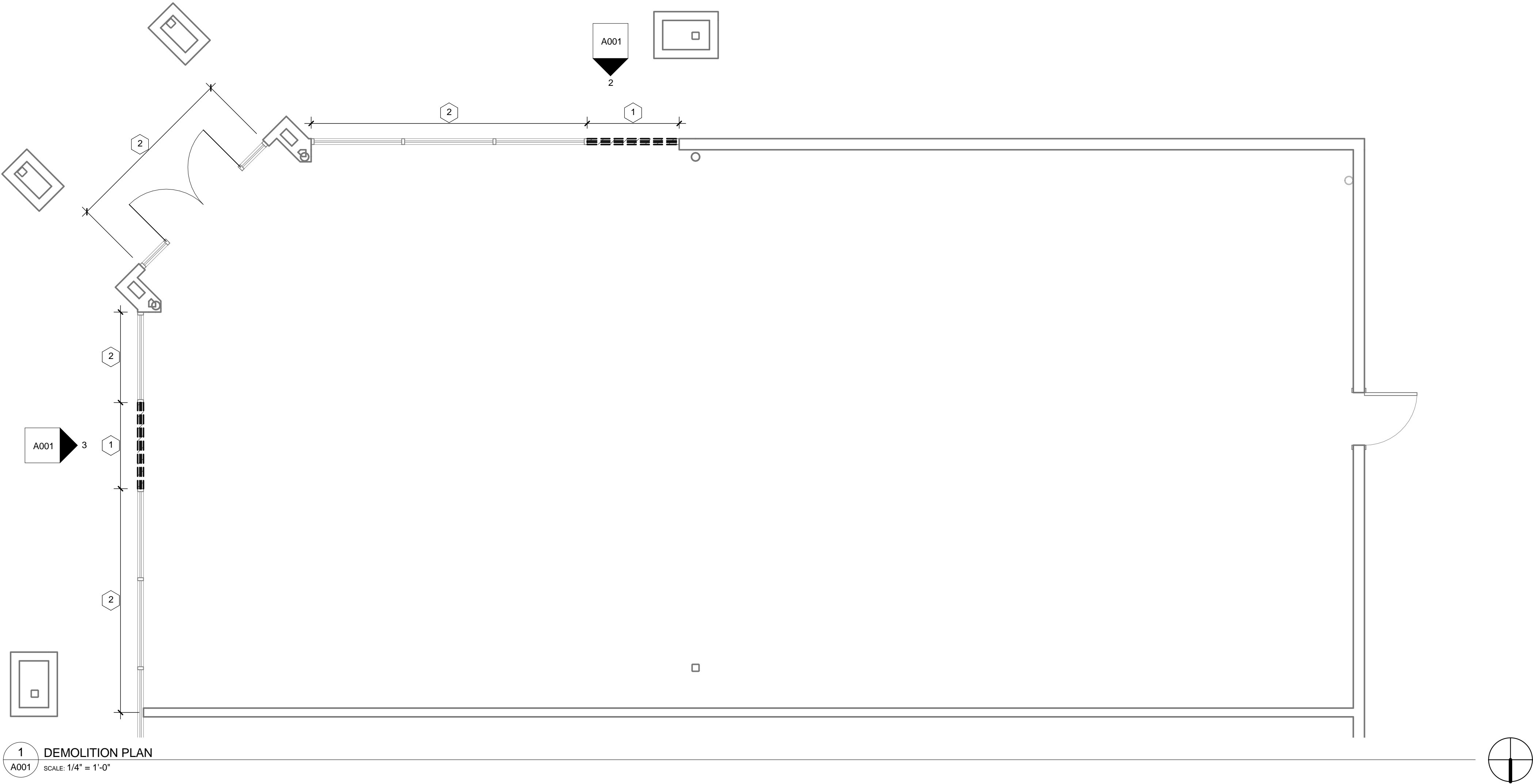
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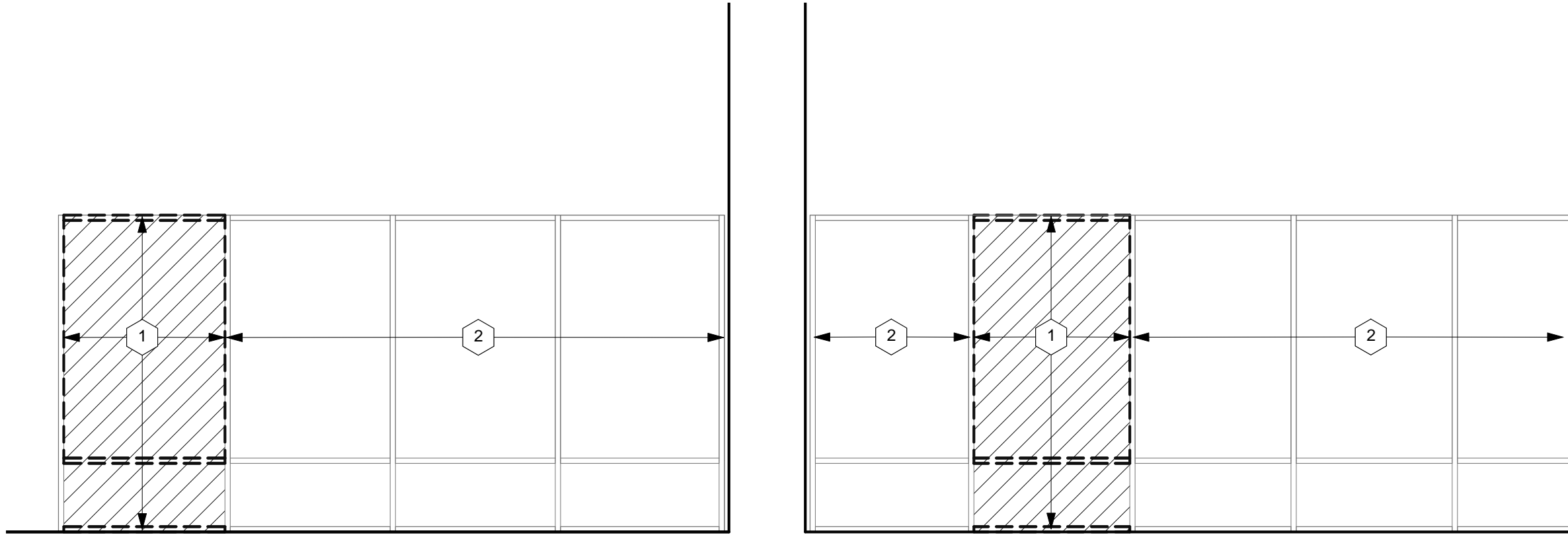
PROJECT NO:	XXXXXX
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DRAWN BY: ABC

G002



1 DEMOLITION PLAN
A001 SCALE: 1/4" = 1'-0"



2 DEMOLITION ELEVATION @ STOREFRONT
A001 SCALE: 1/4" = 1'-0"

3 DEMOLITION ELEVATION @ STOREFRONT
A001 SCALE: 1/4" = 1'-0"

GENERAL NOTES

- IF DURING DEMOLITION, CONDITIONS ARE REVEALED THAT MAY JEOPARDIZE THE INTEGRITY OF THE STRUCTURE OR PRECLUDE FOLLOWING DESIGN INTENT, GC TO NOTIFY ARCHITECT AND SMASHBURGER CONSTRUCTION MANAGER IMMEDIATELY.
- GC RESPONSIBLE FOR SITE INVESTIGATION PRIOR TO DEMOLITION TO REVEAL FULL SCOPE OF WORK.
- DEMOLITION TO MEAN REMOVAL AND OFF-SITE LEGAL DISPOSAL OF DEMOLISHED MATERIALS. REMAINING SURFACES TO BE RESTORED TO ACCEPTABLE CONDITION IN ACCORDANCE WITH REQUIREMENTS OF NEW CONSTRUCTION.
- TOTAL SCOPE OF DEMOLITION MAY NOT BE COVERED ON THIS SHEET. REVIEW ALL SHEETS IN THIS DRAWINGS SET TO DETERMINE TOTAL SCOPE OF WORK.
- PROTECT WALLS, FLOORS AND OTHER EXISTING FINISHES THAT ARE TO REMAIN AND ARE EXPOSED DURING SELECTICE DEMOLITION.
- GC TO VERIFY CONDITION AND CONSTRUCTION OF FOUNDATION PRIOR TO TRENCHING. NOTIFY CONSTRUCTION MANAGER AND ARCHITECT WITH DISCREPANCIES.
- CONDUCT DEMOLITION OPERATION AND REMOVE DEBRIS TO ENSURE MINIMAL INTERFERENCE WITH ROADS, STREETS, WALKS AND OTHER OCCUPIED AND USED FACILITIES.
- EXISTING UTILITIES TO REMAIN IN SERVICE. PROTECT THEM AGAINST ANY DAMAGE DURING SELECTIVE DEMOLITION OPERATIONS.
- REMOVE AND TRANSPORT DEBRIS IN A MANNER THAT WILL PREVENT SPILLAGE ON ADJACENT SURFACES AND AREAS.
- PROMPTLY DISPOSE OF DEMOLISHED MATERIALS. DO NOT ALLOW DEMOLISHED MATERIAL TO ACCUMULATE ON SITE. TRANSPORT DEMOLISHED MATERIALS OFF OWNER'S PROPERTY AND LEGALLY DISPOSED OF THEM.
- REMOVE ALL ABANDONED CONDUIT AND WIRING BACK TO EXISTING PANELS, UON.
- CONTRACTOR SHALL PROVIDE SHORING PRIOR TO WALL DEMOLITION AND / OR WHERE REQUIRED.
- DO NOT SCALE DRAWINGS.

KEYED NOTES

- DEMOLISH STOREFRONT SECTION AS INDICATED.
- EXISTING STOREFRONT TO REMAIN.

DEMOLITION LEGEND

- [Solid Line] EXISTING TO REMAIN
- [Dashed Line] EXISTING TO BE DEMOLISHED

ARCHITECT
TO REPLACE
WITH LOGO

ARCHITECT NAME
ARCHITECT ADDRESS, SUITE XXX
CITY, STATE ZIP CODE
PHONE: (XXX) XXX-XXXX
FAX: (XXX) XXX-XXXX
EMAIL: ARCHITECT@EMAIL.COM
CONTACT NAME

CONSULTANT:

I HEREBY CERTIFY THAT THE PORTION OF THIS TECHNICAL SUBMISSION
PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND
RESPONSIBLE CHARGE, IS A TRUE AND CORRECT REPRESENTATION
OF THE DESIGN AND CONSTRUCTION OF THE PROJECT AS SHOWN
ON THE DRAWINGS AND SPECIFICATIONS, AND THAT I AM A DULY REGISTERED
ARCHITECT UNDER THE LAWS OF THE STATE OF TEXAS.

XX-XX-XXXX
DATE ISSUED
XX-XX
REG. NO.

NAME OF ARCHITECT
TYPED OR PRINTED NAME

SIGNATURE

SHEETS COVERED BY THIS SEAL:
G001 A100 A104 A300
G002 A101 A105 A400
G003 A102 A200 A401
A001 A103 A201

ARCHITECT
TO REPLACE
WITH SEAL

SEAL:



SHEET TITLE:
DEMOLITION PLAN
AND ELEVATIONS

XX-XX-XXXX

REVISIONS:

NO:	DATE:	BY:	DESCRIPTION:

PROJECT NO: XXXXXX

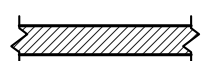

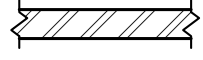

DRAWN BY: ABC

A001

GENERAL NOTES

- ALL METAL STUD FRAMING IS 20 GAUGE AT 16" O.C. UNLESS NOTED OTHERWISE. GYPSUM WALLBOARD TO BE 5/8" FIRE CODE TYPE "X" TAPERED EDGE, UNLESS OTHERWISE SPECIFIED IN THESE DOCUMENTS. INSTALL PER MANUFACTURER'S SPECIFICATIONS.
- RESTORE OR PROVIDE NEW UL LISTED INSULATION MATERIALS IN DEMISING WALL AFTER INSTALLING SMASHBURGER UTILITIES.
- DIMENSIONS SHOWN ARE TO FACE OF GYPSUM WALLBOARD OF NEW WALLS UNLESS OTHERWISE NOTED.
- PROVIDE AND INSTALL BATT INSULATION TO 1'-0" ABOVE ADJACENT CEILINGS IN ALL WALLS SEPARATING KITCHEN AND RESTROOM AREAS FROM DINING AREAS. INSULATION TO BE NON-COMBUSTIBLE AND BEAR UL CLASSIFICATION MARKINGS.
- MILLWORK TO BE PROVIDED BY OWNER'S VENDOR. GC TO INSTALL AND COORDINATE DIMENSIONS WITH WALL CONSTRUCTION.
- GC TO COORDINATE WITH FIRE MARSHAL TO DETERMINE FINAL LOCATION OF FIRE EXTINGUISHERS.
- G.C. TO REFERENCE CONTRACTORS SHOP DRAWINGS FOR INSTALLATION INSTRUCTIONS FOR ALL FIXTURES, BASE CABINETS, AND COUNTERTOPS. G.C. TO COORDINATE WITH FIXTURE CONTRACTOR TO ENSURE PROPER FIT OF ALL COMPONENTS.
- ALL WOOD BLOCKING, FURRING, & FRAMING SHALL BE FIRE RETARDANT TREATED IN ACCORDANCE WITH AWPA STANDARDS.
- GENERAL CONTRACTOR TO CUT AND PROVIDE HOLES THROUGH CEILINGS, ROOF'S, WALLS AND FLOORS FOR DUCTS, ETC., IN ACCORDANCE WITH LOCAL FIRE CODE AND AS SPECIFIED. GC ALSO TO PROVIDE ALL DUCT FIRE SEPARATIONS, ENCLOSURES, WRAPPINGS, ETC., AS MAY BE REQUIRED BY LOCAL BUILDING AND FIRE CODES.
- SLEEVES TO BE PROVIDED BY GENERAL CONTRACTOR IN ALL WALLS, FLOOR AND CEILINGS FOR ALL LINES (DRAIN, REFRIGERATION, ETC.) TO PASS THROUGH AND RESEAL AFTER LINES ARE RUN. PROVIDE ESCUTCHEON PLATES WHERE APPROPRIATE.

WALL TYPE LEGEND

-  FULL HEIGHT WALL
-  EXISTING WALL
-  PARTIAL HEIGHT WALL
-  EXISTING DEMISING WALL

KEYED NOTES

- LOCATION OF ELECTRICAL PANELS. COORDINATE WITH ELECTRICAL CONTRACTOR PRIOR TO CONSTRUCTION.
- GC TO PROVIDE AND INSTALL 5/8" CEMENTITIOUS PANELS IN PLACE OF GYPSUM WALL BOARD FROM FLOOR TO DECK BEHIND KITCHEN EXHAUST HOOD.
- GC TO PROVIDE AND INSTALL 5/8" FIRE RETARDANT PLYWOOD FROM 7'-0" AFF TO 11'-0" AFF FOR MENU BOARD INSTALLATION. COORDINATE FINAL LOCATION WITH SMASHBURGER CONSTRUCTION MANAGER.
- BULKHEAD OR SOFFIT ABOVE. REFER TO REFLECTED CEILING PLAN FOR FURTHER INFORMATION.
- VERIFY COOLER SIZE WITH EQUIPMENT VENDOR AND COOLER MANUFACTURER.
- REFER TO SHEET A300 FOR RESTROOM DIMENSIONS AND ACCESSORY DETAILS. PROVIDE AND INSTALL STRAP BLOCKING WITHIN WALLS FOR ALL TOILET ACCESSORIES AND PLUMBING FIXTURES.
- EXISTING 1-HR FIRE RATED DEMISING WALL TO REMAIN. GC TO ENSURE FIRE RATING IS MAINTAINED THROUGHOUT CONSTRUCTION.
- GC TO INSTALL SOUND ATTENUATION BATT INSULATION IN RESTROOM WALLS.
- GC TO ENSURE EXISTING HARDWARE COMPLIES WITH LOCAL CODES. SUPPLEMENT HARDWARE AS REQUIRED.
- GC TO PROVIDE AND INSTALL 5/8" FIRE RETARDANT PLYWOOD IN PLACE OF GYP BD THROUGHOUT KITCHEN FROM 1'-0" AFF TO 6" ABOVE LAY-IN TILE CEILING. PLYWOOD TO SERVE AS BLOCKING.
- GC TO PROVIDE AND INSTALL STRAP BLOCKING IN WALL BEHIND HOOD FOR EQUIPMENT RESTRAINT CABLES. COORDINATE EXACT LOCATION WITH EQUIPMENT VENDOR.
- GC TO USE 5/8" CEMENTITIOUS BOARD OR GYPSUM TILE BACKER BOARD ON WALLS WHERE TILE FINISH IS CALLED FOR. REFER TO SPECIFICATION SHEETS, FINISH PLANS AND INTERIOR ELEVATIONS FOR FURTHER INFORMATION.
- GC TO PROVIDE AND INSTALL PATIO FENCE AND GATE. ALL DIMENSIONS SHOULD BE FIELD VERIFIED PRIOR TO ORDERING/FABRICATING FENCE. GC TO COORDINATE WITH LANDLORD AND SMASHBURGER CONSTRUCTION MANAGER THE FINAL DESIGN AND THE FINAL LOCATION OF FENCE AND GATE.
- GC TO PROVIDE AND INSTALL SPRING LOADED HINGES AND STRIKE PLATE ON PATIO GATE. COORDINATE FINAL GATE SPECS WITH LANDLORD AND SMASHBURGER CONSTRUCTION MANAGER. NO LOCKING MECHANISM TO BE PROVIDED.
- WALL GRAPHICS PROVIDED BY MILLWORK VENDOR. GC TO INSTALL. GC TO PROVIDE ALL NECESSARY BLOCKING WITHIN WALL CAVITY.

WALL TYPE SCHEDULE

MARK	DESCRIPTION	HEIGHT	WIDTH	GYP BD REQUIREMENTS	DETAIL
A	3-5/8" METAL STUD FULL HEIGHT	FULL	4 7/8"	BOTH SIDES TO 6" ABOVE LAY-IN CEILING	1/A400 SIM
B	6" METAL STUD FULL HEIGHT	FULL	7 1/4"	BOTH SIDES TO 6" ABOVE LAY-IN CEILING	1/A400 SIM
C	6" METAL STUD FULL HEIGHT	FULL	7 1/4"	ONE SIDE TO DECK, ONE SIDE TO 6" ABOVE LAY-IN CEILING	2/A400
D	3-5/8" METAL STUD FULL HEIGHT	FULL	4 7/8"	ONE SIDE TO DECK, ONE SIDE TO 6" ABOVE LAY-IN CEILING	2/A400
E	3-5/8" METAL STUD FULL HEIGHT	FULL	4 7/8"	ONE SIDE TO DECK, ONE SIDE TO GYP BD CEILING	5/A400
F	3-5/8" METAL STUD FULL HEIGHT	FULL	4 7/8"	BOTH SIDES TO GYP BD CEILING	1/A400 SIM
G	2-1/2" METAL STUD FULL HEIGHT	FULL	3 1/8"	ONE SIDE ONLY TO 6" ABOVE LAY-IN CEILING	3/A400
H	3-5/8" METAL STUD FULL HEIGHT	FULL	4 7/8"	ONE SIDE TO GYP BD CEILING, ONE SIDE TO 6" ABOVE LAY-IN CEILING	1/A400
J	3-5/8" METAL STUD FULL HEIGHT	3' - 8"	4 7/8"	GYP BD BOTH SIDES FULL HEIGHT	6A/A400
K	6" METAL STUD FULL HEIGHT	FULL	7 1/4"	ONE SIDE TO GYP BD CEILING, ONE SIDE TO 6" ABOVE LAY-IN CEILING	1/A400
N	6" METAL STUD FULL HEIGHT	FULL	6 5/8"	ONE SIDE ONLY TO GYP BD CEILING	1/A400 SIM
P	3-5/8" METAL STUD FULL HEIGHT	FULL	4 1/4"	ONE SIDE ONLY TO DECK	2/A400 SIM
Q	3-5/8" METAL STUD FULL HEIGHT	FULL	4 1/4"	ONE SIDE ONLY TO GYP BD CEILING	2/A400 SIM
R	6" METAL STUD FULL HEIGHT	FULL	6 5/8"	ONE SIDE ONLY TO 6" ABOVE ACT CEILING	1/A400 SIM
S	7/8" FURRING CHANNELS 16" O.C.	FULL	1 1/2"	ONE SIDE ONLY TO DECK	1/A400 SIM
T	7/8" FURRING CHANNELS 16" O.C.	FULL	1 1/2"	ONE SIDE ONLY TO 6" ABOVE ACT CEILING	1/A400 SIM
U	3-5/8" METAL STUD FULL HEIGHT	FULL	4 1/4"	ONE SIDE ONLY TO 6" ABOVE ACT CEILING	2/A400 SIM

DOOR SCHEDULE

DOOR NO.	DOOR LOCATION	DOOR SIZE	PROVIDED BY	INSTALLED BY	TYPE	DOOR		HARDWARE SET	CLOSER	FRAME	
						FINISH				TYPE	FINISH
1	OUTDOOR SEATING "A"	3'-0" x 7'-0"	GC	GC	3	ANODIZED AL-CHAMPAGNE COLOR TO MATCH EXG		2	YES	-	-
2	OUTDOOR SEATING "B"	3'-0" x 7'-0"	GC	GC	3	ANODIZED AL-CHAMPAGNE COLOR TO MATCH EXG		2	YES	-	-
3	MAIN ENTRY	6'-0" x 7'-0"	LL	LL/GC	4-EXG	EXG		4 - NEW	EXG	3 - EXG	EXG
4	MEN'S RESTROOM	3'-0" x 7'-0"	GC	GC	2	PNT2		1	YES	2	PNT2
5	WOMEN'S RESTROOM	3'-0" x 7'-0"	GC	GC	2	PNT2		1	YES	2	PNT2
6	KITCHEN	3'-0" x 7'-0"	GC	GC	1	-		-	YES	1	PNT2
7	SERVICE	3'-0" x 7'-0"	LL	LL/GC	2-EXG	EXG		2 - NEW	EXG	2 - EXG	EXG

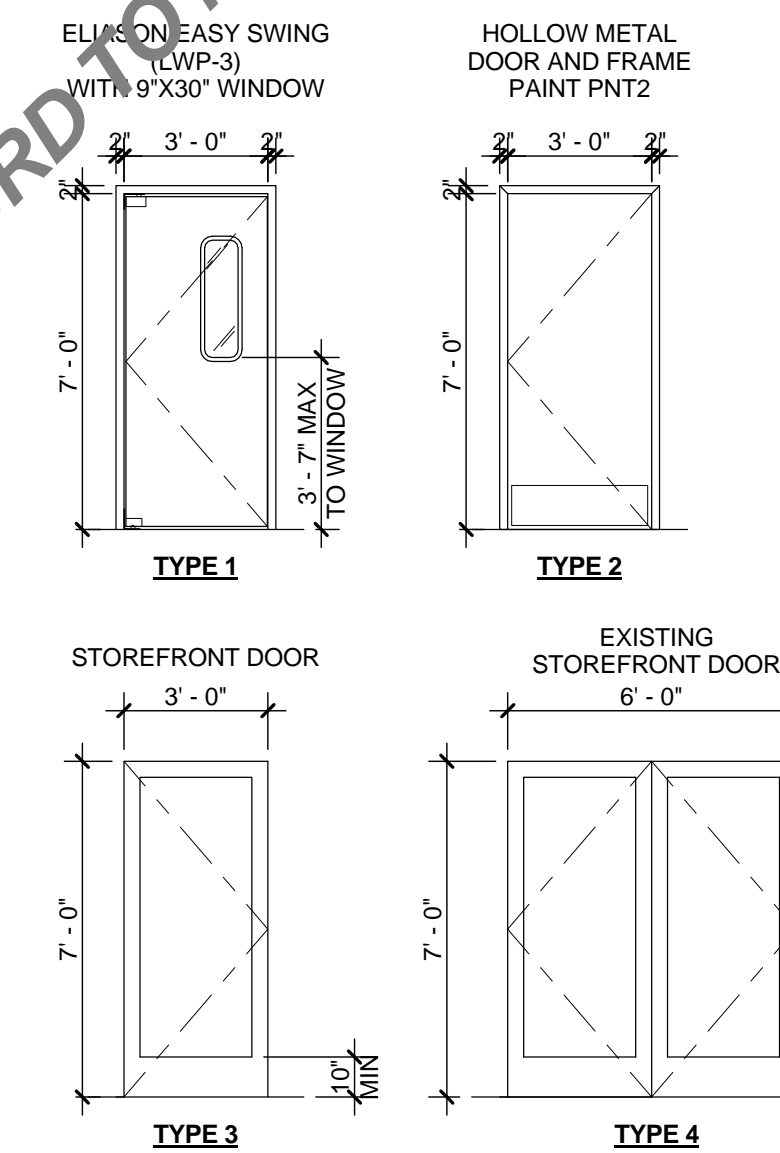
HARDWARE SET

- PUSH / PULL HARDWARE WITH LOCKING DEVICE AND "OCCUPIED" INDICATOR (FALCON D271), CLOSER, KICKPLATE, HINGES, DOOR FRAME SILENCERS, COAT HOOK AND DOOR STOPS.
 - LOCKABLE PANIC BAR, BEST COMPATIBLE INTERCHANGEABLE CORE, CLOSER, ADA THRESHOLD, WEATHER STRIPPING, HINGES, DOOR FRAME SILENCERS, KICK PLATE, AND A VIEWER.
 - PULL HARDWARE WITH DEADBOLT LOCKING DEVICE.
 - THREE-POINT LOCK WITH EXIT INDICATOR, BEST COMPATIBLE INTERCHANGEABLE CORE, CLOSER, ADA THRESHOLD, WEATHERSTRIPPING, HINGES.
- A. ALL HARDWARE TO BE APPROVED FOR ADA ACCESSIBILITY.
- B. PROVIDE A FACTORY INSTALLED SMOKE GASKET IF FRAME IS IN A RATED PARTITION.
- C. FINISHES FOR HARDWARE AT INTERIOR OF STORE SHALL BE BRUSHED CHROME. FINISHES AT STOREFRONT SHALL MATCH EXISTING AND NEW STOREFRONT.
- D. ALL DOOR HARDWARE SHALL BE LEVER OR PUSH TYPE, MOUNTED 30" TO 44" ABOVE THE FLOOR AND BE OPERABLE WITH A MAX EFFORT OF 5 LBS. FOR EXTERIOR DOORS AND 5 LBS. FOR INTERIOR DOORS, AND 15 LBS. AT FIRE DOORS.
- E. ALL EXIT DOORS MUST BE OPENABLE FROM INSIDE WITHOUT THE USE OF A KEY, THUMB TURN OR SPECIAL KNOWLEDGE OR EFFORT.
- F. REAR EXIT DOOR SHALL BE 20 MIN FIRE RATED, UNLESS OTHERWISE NOTED) WITH SMOKE AND DRAFT GASKETS, ASSEMBLY AND SELF CLOSER. RATING LABEL TO REMAIN VISIBLE ON HINGED EDGE OF DOOR.
- G. METAL DOORS AND FRAMES ARE TO BE PAINTED WITH (1) COAT OIL BASE PRIMER AND AS MANY COATS AS NECESSARY OF OIL BASE PAINT TO ACHIEVE A SMOOTH, COMPLETE FINISH.
- H. PAINT AND LABEL EXTERIOR SIDE OF REAR EXIT DOOR PER LANDLORD CRITERIA.
- J. GC TO ADD / MODIFY HARDWARE ON EXISTING EXTERIOR DOORS TO PROVIDE COMPLETE HARDWARE SETS NOTED.

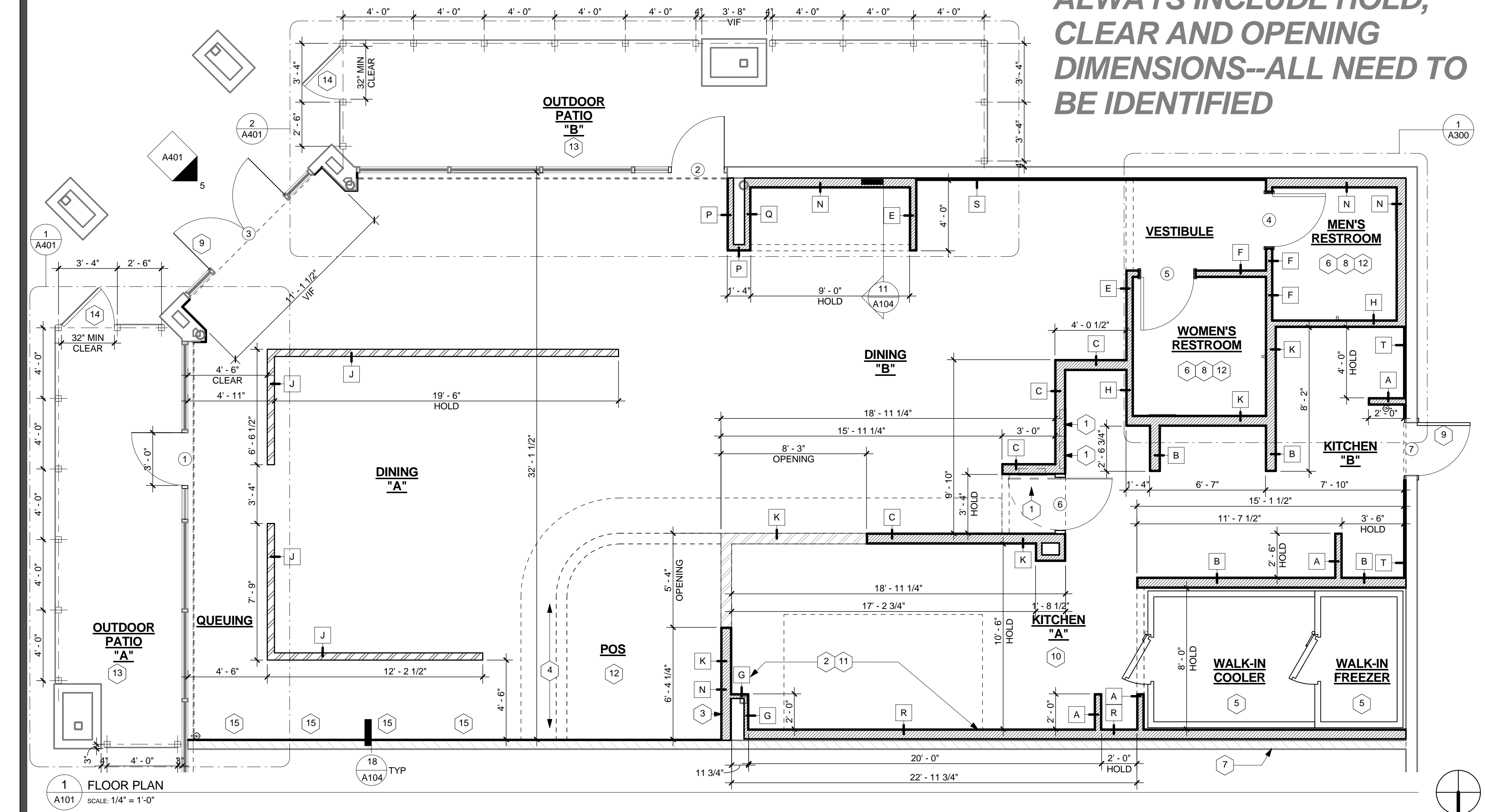
FRAME TYPE SCHEDULE

- METAL FRAME WITHOUT STOPS - 2" JAMB FACES; 2" HEAD
- 2" WELDED METAL FRAME WITH 1/2" STOPS
- ALUMINUM STOREFRONT

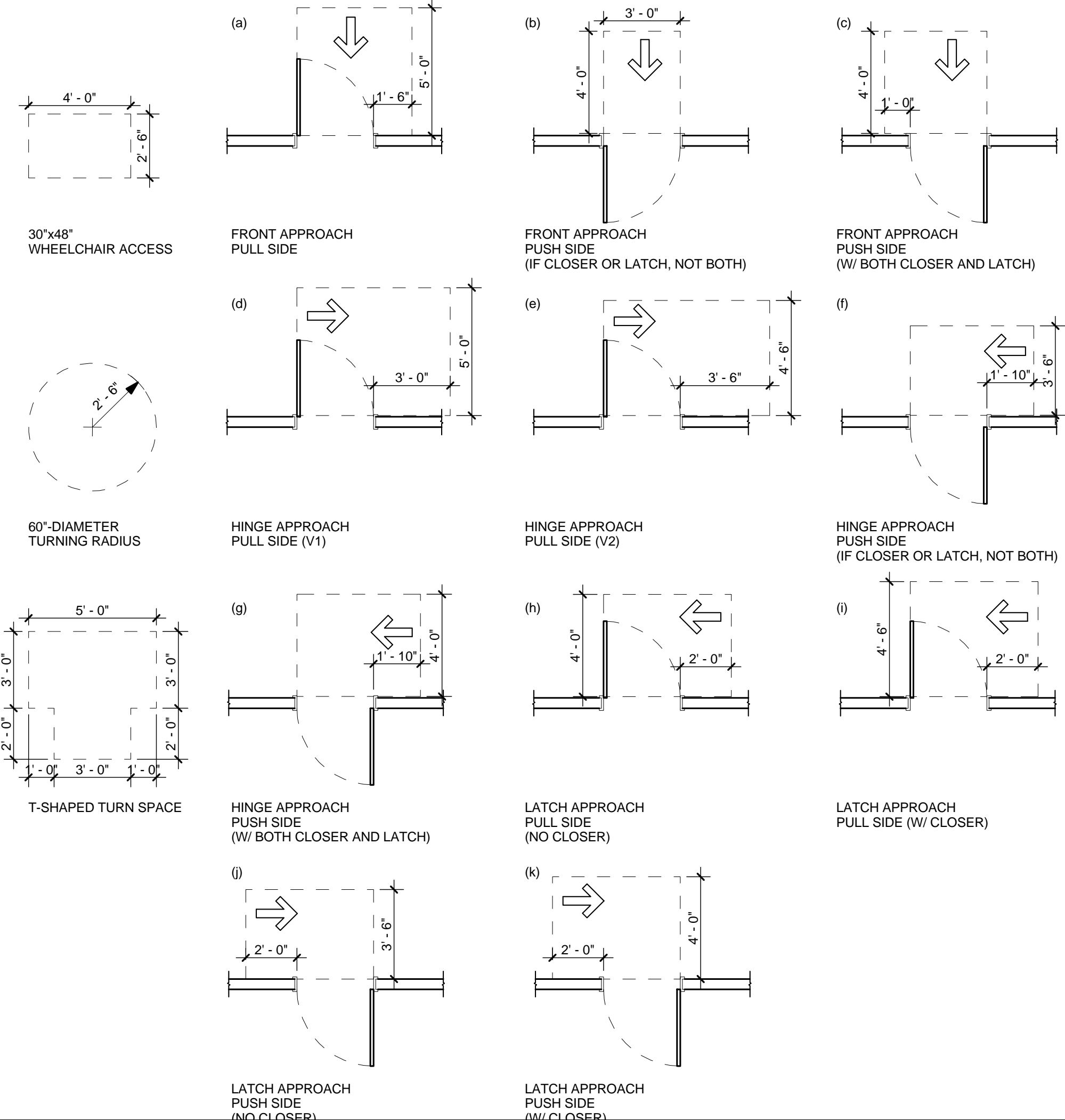
DOOR TYPE LEGEND



ALWAYS INCLUDE HOLD, CLEAR AND OPENING DIMENSIONS--ALL NEED TO BE IDENTIFIED



THE LETTERS PROVIDED IN THE UPPER LEFT CORNERS CORRESPOND TO THE FIGURES FROM THE ADA / TAS STANDARDS SECTION 404.2.4.



ARCHITECT
TO REPLACE
WITH LOGO

ARCHITECT NAME
ARCHITECT ADDRESS, SUITE XXX
CITY, STATE ZIP CODE
PHONE: (XXX) XXX-XXXX
FAX: (XXX) XXX-XXXX
EMAIL: ARCHITECT@EMAIL.COM
CONTACT NAME

CONSULTANT:

I HEREBY CERTIFY THAT THE PORTION OF THIS TECHNICAL SUBMISSION WHICH IS THE PROPERTY OF SMASHBURGER, IS THE PROPERTY OF SMASHBURGER AND IS NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE WRITTEN PERMISSION OF SMASHBURGER. THIS CERTIFICATION IS MADE UNDER THE LAWS OF THE STATE OF TEXAS.

NAME OF ARCHITECT
TYPED OR PRINTED NAME
SIGNATURE
SHEETS COVERED BY THIS SEAL
G001 A100
G002 A101
G003 A102
A001 A103

XX-XX-XXXX
DATE ISSUED
XX-XX-XXXX
REG. NO.

ARCHITECT
TO REPLACE
WITH SEAL

SEAL:

Smashburger
EXAMPLE PROJECT 3.1
12345 EXAMPLE STREET
SUITE 123
CITY, STATE 98765

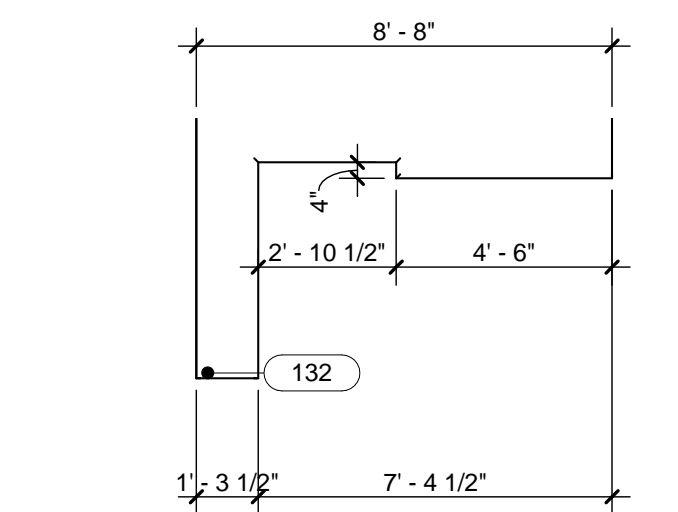
SHEET TITLE:
FLOOR PLAN

XX-XX-XXXX
REVISIONS:
NO. DATE BY: DESCRIPTION:

PROJECT NO: XXXXXX
DRAWN BY: ABC

A101

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2 PLAN DETAIL @ PASS-THRU SHELF
A102 SCALE: 1/4" = 1'-0"

DINING FURNITURE SCHEDULE

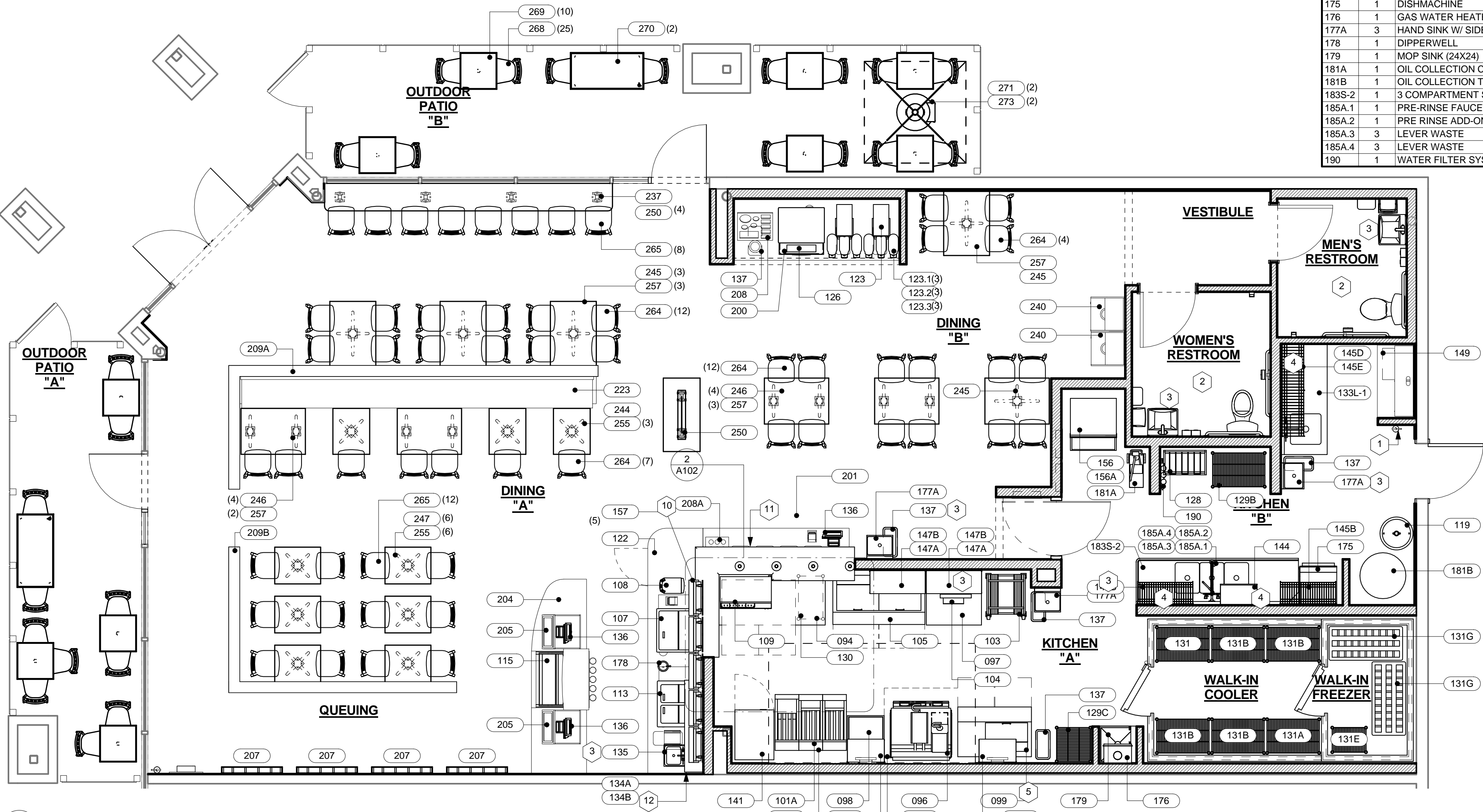
ITEM NO.	QTY	DESCRIPTION	MANUFACTURER	MODEL	PROVIDED BY	INSTALLED BY	NOTES
203	1	BACKLINE			MILLWORK VENDOR	GC	
204	1	MANAGER'S DESK			MILLWORK VENDOR	GC	
205	2	POS CABINET - RH			MILLWORK VENDOR	GC	
207	4	POS SHROUD			MILLWORK VENDOR	GC	
208	1	STORYBOARD - TIER II AND III			MILLWORK VENDOR	GC	
208A	1	CONDIMENT RECEPTACLE			MILLWORK VENDOR	GC	
208B	1	CONDIMENT RECEPTACLE			MILLWORK VENDOR	GC	
209A	1	TOP CAP			MILLWORK VENDOR	GC	
209B	1	TOP CAP			MILLWORK VENDOR	GC	
223	1	SINGLE BANQUETTE			MILLWORK VENDOR	GC	
237	2				MILLWORK VENDOR	GC	
240	2	TRASH			MILLWORK VENDOR	GC	
244	3	OAK STREET MANUFACTURING: 22"X22" BAR HT CROSS BASE		BR-251	RED STONE GROUP		
245	5	OAK STREET MANUFACTURING: 22"X30" STD HT CROSS BASE		BR-251	RED STONE GROUP		
246	8	OAK STREET MANUFACTURING: 5"X22" STD HT BASE (ADA)		BR-251	RED STONE GROUP		
247	6	OAK STREET MANUFACTURING: 22"X22" BAR HT CROSS BASE		BR-251	RED STONE GROUP		
250	6	OAK STREET MANUFACTURING: BOLT DOWN BAR HT	OAK STREET MANUFACTURING: BOLT DOWN BAR HT	BR-251	RED STONE GROUP	GC	
255	9	TABLE TOP - 24X30			MILLWORK VENDOR	GC	
257	9	TABLE TOP - 30X42			MILLWORK VENDOR	GC	
264	35	WAYMAR: PARK AVENUE COLLECTION SIDE CHAIR - E BACK STANDARD FRAME COLOR: HB BRONZE WOOD SEAT & BACK STAIN: BEECH#20 HONEY (234-68)	WAYMAR: PARK AVENUE COLLECTION SIDE CHAIR - E BACK STANDARD FRAME COLOR: HB BRONZE WOOD SEAT & BACK STAIN: BEECH#20 HONEY (234-68)		REDDITT	GC	DINING ROOM CHAIR
265	20	WAYMAR: PARK AVENUE COLLECTION BAR STOOL - B BACK STANDARD FRAME COLOR: HB BRPMZE WPPD SEAT & BACK STAIN: BEECH#20 HONEY (234-68)	WAYMAR: PARK AVENUE COLLECTION BAR STOOL - B BACK STANDARD FRAME COLOR: HB BRPMZE WPPD SEAT & BACK STAIN: BEECH#20 HONEY (234-68)		REDDITT	GC	30" SEAT DINING BAR STOOL

PATIO FURNITURE SCHEDULE

ITEM NO.	QTY	DESCRIPTION	MANUFACTURER	MODEL	PROVIDED BY	INSTALLED BY	NOTES
268	25	EMU AMERICAS - #168 SHOT STACKING SIDE CHAIR - ANTIQUE BRONZE	SHOT	168	EMU AMERICAS	GC	PATIO
269	10	EMU AMERICAS: 860S - FORTÉ 24" SQ TABLE W/ SOLID TOP ANTIQUE BRONZE	FORTE	860S	EMU AMERICAS	GC	PATIO
270	2	EMU AMERICAS: 3522S - FORTÉ 48"X12" TABLE W/ SOLID TOP ANTIQUE BRONZE	FORTE	3522S	EMU AMERICAS	GC	PATIO
271	1	TUUCI: CANOPY BAY TOWN W/SMASHBURGER LOGO	KEC		EISEN ASSOCIATES	GC	PATIO
273	1	TUUCI: ALUM CONCRETE FLEED BASE, HAMMERED BRONZE	WAYMAR		EISEN ASSOCIATES	GC	PATIO

KITCHEN EQUIPMENT SCHEDULE

ITEM NO.	QTY	DESCRIPTION	MANUFACTURER	MODEL	PROVIDED BY	INSTALLED BY	NOTES
094	1	EXHAUST HOOD SYSTEM	CAPTIVEAIRE	CUSTOM (5430ND-2-ACPSP-F)	GC	ANSUL R102 FIRE SUPPRESSION SYSTEM	
095	1	DRY SHELIVING (18X30)	METRO	NK3 SERIES	EQUIP VENDOR	EQUIP VENDOR	1 TIER, 74" POSTS
096	1	TWO SECTION REFRIG. UC W/ DRAWERS	DELFIELD	UCD4448N	EQUIP VENDOR	EQUIP VENDOR	
097	1	MULTI-SMASHER GRIDDLE	TAYLOR	L613	EQUIP VENDOR	EQUIP VENDOR	
098	1	WORKTABLE (36X36)	JOHN BOOS	SMB-ST6R2-3636SBK-BPR	EQUIP VENDOR	EQUIP VENDOR	
098	1	24X24 MIXER TABLE	JOHN BOOS	SMB-ST6R2-2424SSK-24H	EQUIP VENDOR	EQUIP VENDOR	
101A	1	GAS FRYER ASSEMBLY - 3 BANK	FRYMASTER	DF300	EQUIP VENDOR	EQUIP VENDOR	
102	1	FRYER GAS HOSE ASSEMBLY	DORMONT	16100KITS48	EQUIP VENDOR	EQUIP VENDOR	
103	1	BREAD RACK	ADVANCE TABCO	UR12	EQUIP VENDOR	EQUIP VENDOR	
104	1	CONTACT TOASTER	ROUNDUP	VCT-1000	EQUIP VENDOR	EQUIP VENDOR	
105	1	REFRIGERATED SALAD TOP	DELFIELD	D4460N-24M	EQUIP VENDOR	EQUIP VENDOR	
107	1	MUG / GLASS CHILLER	RANDELL	9552A	EQUIP VENDOR	EQUIP VENDOR	
108	1	SHAKE MIXER	HAMILTON BEACH	HMD 400	EQUIP VENDOR	EQUIP VENDOR	
109	1	FOOD WARMER (FRY)	APW WYOTT	CFHS-33 19H	EQUIP VENDOR	EQUIP VENDOR	
111	1	GRIDDLE GAS HOSE ASSEMBLY	DORMONT	1675KITS48	EQUIP VENDOR	EQUIP VENDOR	
113	1	DROP-IN ICE CREAM FREEZER	DELFIELD	N227	EQUIP VENDOR	EQUIP VENDOR	
115	1	GRAB-N-GO MERCHANDISER	FEDERAL	LPRSS3	EQUIP VENDOR	EQUIP VENDOR	
118	2	HEAT LAMP	HATCO	DL-500-CTL	EQUIP VENDOR	EQUIP VENDOR	
118A	2	HEAT LAMP	HATCO	DL-500-RTL	EQUIP VENDOR	EQUIP VENDOR	RETRACTABLE MOUNT
119	1	CO2 TANK	CYL-TEC	FAST FILL 500	EQUIP VENDOR	EQUIP VENDOR	
120A	1	WALK-IN COOLER	KOLPAK	POLAR PAK	EQUIP VENDOR	EQUIP VENDOR	REMOTE CONDENSER
120B	1	WALK-IN FREEZER	KOLPAK	POLAR PAK	EQUIP VENDOR	EQUIP VENDOR	REMOTE CONDENSER
122	1	UNDERCOUNTER REFRIGERATOR	DELFIELD	UC4247N	EQUIP VENDOR	EQUIP VENDOR	
123	2	ICE TEA BREWER	BUNN-O-MATIC	TB3Q-0059	EQUIP VENDOR	EQUIP VENDOR	36700.0059
123.1	6	TEA DISPENSER	BUNN	TDO-4	EQUIP VENDOR	EQUIP VENDOR	
123.2	6	TEA DISPENSER - COVER	BUNN	121409	EQUIP VENDOR	EQUIP VENDOR	
123.3	6	TEA DISPENSER - PAN	BUNN	121408	EQUIP VENDOR	EQUIP VENDOR	
126	1	SODA DISPENSER	LANCER	IDB4500	OWNER	OWNER'S VENDOR	SANITARY LEVERS; ICE MAKER ADAPTERS
128	1	SODA RACK	VENDOR		VENDOR	VENDOR	
129B	1	DRY SHELIVING (24X36)	METRO	BR-0116S	EQUIP VENDOR	EQUIP VENDOR	4 TIERS, 74" H POSTS
129C	1	CHEMICAL RACK (24X24)	METRO	BR-0116S	EQUIP VENDOR	EQUIP VENDOR	5 TIERS, 74" H POSTS
130	1	WORKTABLE (72X36)	JOHN BOOS	SMB-ST6R2-7236-SSW	EQUIP VENDOR	EQUIP VENDOR	
131	1	SECURITY CAGE (24X36)	METRO	NK3 SERIES	EQUIP VENDOR	EQUIP VENDOR	3 TIERS, 74" H POSTS
131A	1	COOLER / FREEZER SHELIVING (24X36)	METRO	NK3 SERIES	EQUIP VENDOR	EQUIP VENDOR	7 TIERS, 74" H POSTS
131E	1	COOLER / FREEZER SHELIVING (24X30)	METRO	NK3 SERIES	EQUIP VENDOR	EQUIP VENDOR	4 TIERS, 74" H POSTS
131G	2	COOLER / FREEZER DUNNAGE RACK (22X36)	METRO	NK3-248D	EQUIP VENDOR	EQUIP VENDOR	
133A	1	VEGETABLE PREP SINK FAUCET	T & S BRASS	B-1121	EQUIP VENDOR	EQUIP VENDOR	
134A	1	WALL SHELIVING	W. WEST	3 FT	EQUIP VENDOR	EQUIP VENDOR	
134B	1	WALL SHELIVING	W. WEST	5 FT	EQUIP VENDOR	EQUIP VENDOR	
135	1	DROP-IN HAND SINK	GLAS VENDOR	DI-HS14	EQUIP VENDOR	EQUIP VENDOR	
136	3	POS TERMINAL	ICR	P1530	OWNER	OWNER	DEDICATED CIRCUIT
137	8	WASTE RECEPTACLE			EQUIP VENDOR	EQUIP VENDOR	
141	1	REACH-IN FREEZER	DELFIELD	6125XL-S	EQUIP VENDOR	EQUIP VENDOR	W/ CASTERS
144	1	DISH RACK SHELF	JOHN BOOS & CO.	SMB-SRW-21	EQUIP VENDOR	EQUIP VENDOR	
145A	2	WALL SHELIVING	INTERMETRO	14X24	EQUIP VENDOR	EQUIP VENDOR	
145B	3	WALL SHELIVING	INTERMETRO	14X36	EQUIP VENDOR	EQUIP VENDOR	
145D	1	WALL SHELIVING	INTERMETRO	18X60	EQUIP VENDOR	EQUIP VENDOR	
145E	1	WALL SHELIVING	INTERMETRO	14X60	EQUIP VENDOR	EQUIP VENDOR	
147A	2	WALL SHELIVING	UNIVERSAL STAINLESS	14X36	EQUIP VENDOR	EQUIP VENDOR	
147B	2	WALL SHELIVING	UNIVERSAL STAINLESS	18X36	EQUIP VENDOR	EQUIP VENDOR	
149	1	SAFE	CSS	B2020S-SR2	EQUIP VENDOR	GC	
156	1	ICE MACHINE	MANITOWOC	IY-0906A	EQUIP VENDOR	EQUIP VENDOR	SELF CONTAINED
157	5	ELECTRONIC MENU BOARD	LG	42WS10-BAA	EQUIP VENDOR	EQUIP VENDOR	
175	1	DISHMACHINE	ECOLAB	U-LT	EQUIP VENDOR	EQUIP VENDOR	KAY QSR TSC SYSTEM
176	1	GAS WATER HEATER	NORITZ	N-1321M-ASME	EQUIP VENDOR	GC	REFER TO PLUMBING SHEETS
177A	3	HAND SINK W/ SIDE SPLASHGUARDS	JOHN BOOS	SMB-PBHS-W-1410-P-SSLR	EQUIP VENDOR	EQUIP VENDOR	
178	1	DIPPERWELL	FISHER	3041	GC	EQUIP VENDOR	
179	1	MOP SINK (24X24)	MUSTEE	63M	GC	GC	
181A	1	OIL COLLECTION CADDY			EQUIP VENDOR	EQUIP VENDOR	
181B	1	OIL COLLECTION TANK	DARLING INTERNATIONAL	CLEANSTAR 1500C	EQUIP VENDOR	EQUIP VENDOR	
183S-2	1	3 COMPARTMENT SINK (STRAIGHT)	JOHN BOOS	SMB-DT3B16204-2D24R	EQUIP VENDOR	EQUIP VENDOR	
185A.1	1	PRE-RINSE FAUCET	T & S BRASS	B-0133-B	EQUIP VENDOR	EQUIP VENDOR	
185A.2	1	PRE RINSE ADD-ON FAUCET	T & S BRASS	B-0231	EQUIP VENDOR	EQUIP VENDOR	
185A.3	3	LEVER WASTE	JOHN BOOS	PB-LWR-1	EQUIP VENDOR	EQUIP VENDOR	LEVER WASTE, 2", TWIST LEVER DRAIN
185A.4	3	LEVER WASTE	JOHN BOOS	PB-LWB	EQUIP VENDOR	EQUIP VENDOR	LEVER WASTE SUPPORT ARM BRACKET
190	1	WATER FILTER SYSTEM	ECOLAB	TRIPLE FRESH20	EQUIP VENDOR	GC	



1 FURNITURE & EQUIPMENT PLAN
A102 SCALE: 1/4" = 1'-0"

GENERAL NOTES

- ALL EQUIPMENT SHALL BE N.S.F. APPROVED AND SHALL BE INSTALLED PER LOCAL HEALTH DEPARTMENT REQUIREMENTS.
- VERIFY ALL DIMENSIONS WITH EQUIPMENT SUPPLIER WHERE ITEMS ARE TO BE BUILT-IN AND / OR CUTOUTS ARE REQUIRED FOR INSTALLATION.
- EXHAUST HOODS, STAINLESS STEEL PANELS AND TRIM SHALL BE PROVIDED BY THE EQUIPMENT SUPPLIER. COMPLETE INSTALLATION OF THE HOODS SHALL BE PROVIDED BY THE GC INCLUDING BUT NOT LIMITED TO: OBTAINING ALL REQUIRED PERMITS AND RELEASES, PROVIDING ALL GENERAL CONSTRUCTION REQUIRED (I.E. ROOF CUTS, CURB FLASHING, ETC.), PROVIDING INSTALLATION AND COORDINATION FOR TRADES (I.E. MECHANICAL, PLUMBING, AND ELECTRICAL REQUIREMENTS). IN PARTICULAR, THE MECHANICAL CONTRACTOR MUST COORDINATE WITH THE EQUIPMENT SUPPLIER TO PROVIDE THE PROPER CFM TO BALANCE THE HOOD SYSTEM PER CALCULATIONS ON MECHANICAL SHEETS.
- ALL EQUIPMENT INDICATED ON THE EQUIPMENT SCHEDULE SHALL BE DELIVERED AND INSTALLED BY THE EQUIPMENT SUPPLIER UNLESS OTHERWISE NOTED. FINAL HOOK-UP IS BY THE GC.
- NO PIPING, WIRE, CONDUIT, ETC. SHALL BE EXPOSED MORE THAN THE MINIMUM REQUIRED TO INSTALL PROPER FITTINGS AND EXCUT/CHRON PLATES.
- IT IS THE GC'S RESPONSIBILITY TO FIRMLY ANCHOR ANY EQUIPMENT WHICH IS REQUIRED TO BE FIXED. CAULK AND SEAL TO WALLS AND FLOOR AS REQUIRED.
- CO2 IS PROVIDED VIA BULK STORAGE. CO2 SUPPLIER TO PROVIDE ALL TUBING AND FINAL CONNECTIONS.
- GC TO ASSEMBLE AND INSTALL TABLES AS REQUIRED PER MANUFACTURER'S SPECIFICATIONS.
- MILLWORK TO BE PROVIDED BY OWNER'S VENDOR. GC TO COORDINATE AND INSTALL.
- ALL KITCHEN EQUIPMENT BELOW HOOD TO BE ON CASTERS AND INSTALLED WITH QUICK DISCONNECTS FOR CLEANING PURPOSES.

KEYED NOTES

- FIRE EXTINGUISHERS FURNISHED AND INSTALLED BY GC. VERIFY LOCATIONS WITH LOCAL FIRE DEPARTMENT PRIOR TO INSTALLATION.
- REFER TO SHEET A300 FOR TOILET ROOM ACCESSORIES AND DIMENSIONS.
- GC TO INSTALL OWNER-PROVIDED PAPER TOWEL AND SOAP DISPENSERS AT ALL HAND SINK LOCATIONS. COORDINATE SPECIFICATIONS WITH OWNER'S REPRESENTATIVES.
- SHELIVING TO BE MOUNTED AT 64" A.F.F. AND 78" AFF FROM TOP OF SHELVES. REFER TO SHEET A200 FOR MORE INFORMATION.
- SHELIVING TO BE MOUNTED AT 61" AFF AND 75" AFF FROM TOP SHELVES. REFER TO SHEET A200 FOR MORE INFORMATION.
- SHELIVING TO BE MOUNTED AT 57" AFF FROM TOP OF SHELF. REFER TO SHEET A200 FOR MORE INFORMATION.
- EQUIPMENT SUPPLIER TO PROVIDE ALUMINUM BLANK-OFF PANEL AT CORNER OF WALL TO COOLER, GC TO PROVIDE NEW SEALANT AS REQUIRED.
- ELECTRIC PANELS. REFER TO ELECTRICAL SHEETS FOR MORE INFORMATION.
- EQUIPMENT SUPPLIER TO VERIFY CLEAR DIMENSIONS PRIOR TO ORDERING WALK-IN REFRIGERATION UNITS.
- REFER TO DETAIL 2/A102 FOR PASS THRU COUNTER DIMENSIONS.
- CUT-OUT FOR CAMBRO 1/3 PAN #36CW
- REFER TO DETAIL A/A200 FOR SHELIVING DETAIL.

ARCHITECT
TO REPLACE
WITH LOGO

ARCHITECT NAME
ARCHITECT ADDRESS, SUITE XXX
CITY, STATE ZIP CODE
PHONE: (XXX) XXX-XXXX
FAX: (XXX) XXX-XXXX
EMAIL: ARCHITECT@EMAIL.COM
CONTACT NAME

CONSULTANT:

I HEREBY CERTIFY THAT THE PORTION OF THIS TECHNICAL SUBMISSION WHICH IS THE PROPERTY OF THE ARCHITECT, AND NOT THE PROPERTY OF THE ENGINEER, HAS BEEN REVIEWED AND APPROVED FOR THE ENGINEER'S SIGNATURE AND RESPONSIBLE CHARGE. I AM A DULY REGISTERED ARCHITECT UNDER THE LAWS OF THE STATE OF TEXAS.

XX-XX-XXXX
DATE ISSUED
XX-XX-XXXX
REG. NO.

NAME OF ARCHITECT
TYPED OR PRINTED NAME

SIGNATURE
SHEETS COVERED BY THIS SEAL

GC01 A100 A104 A300
GC02 A101 A105 A400
GC03 A102 A200 A401
GC04 A103 A201

ARCHITECT
TO REPLACE
WITH SEAL

SEAL:



SHEET TITLE:
FURNITURE &
EQUIPMENT PLAN

XX-XX-XXXX

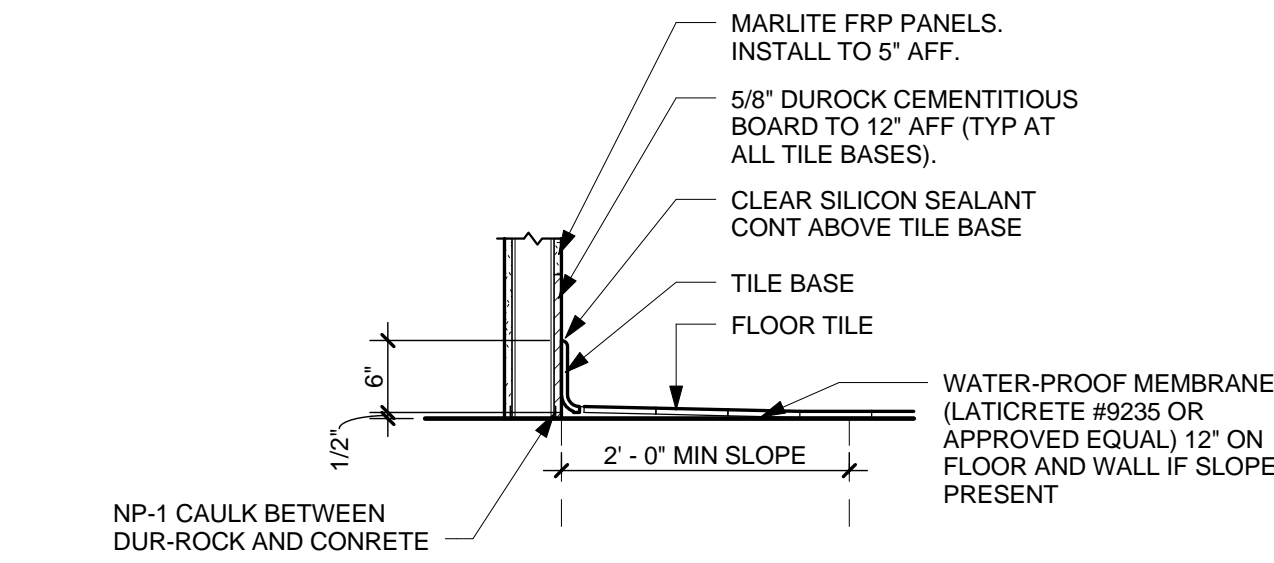
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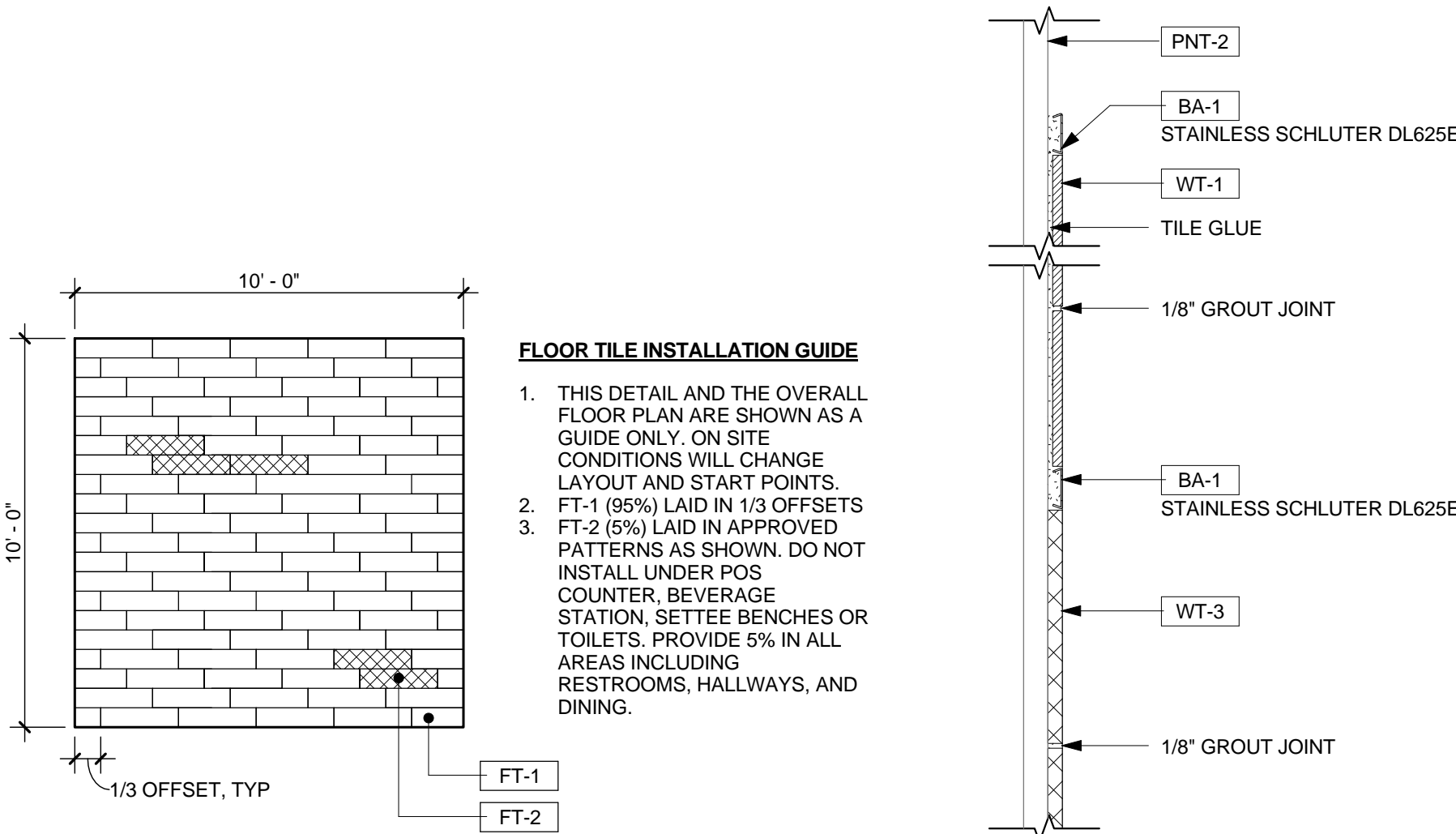
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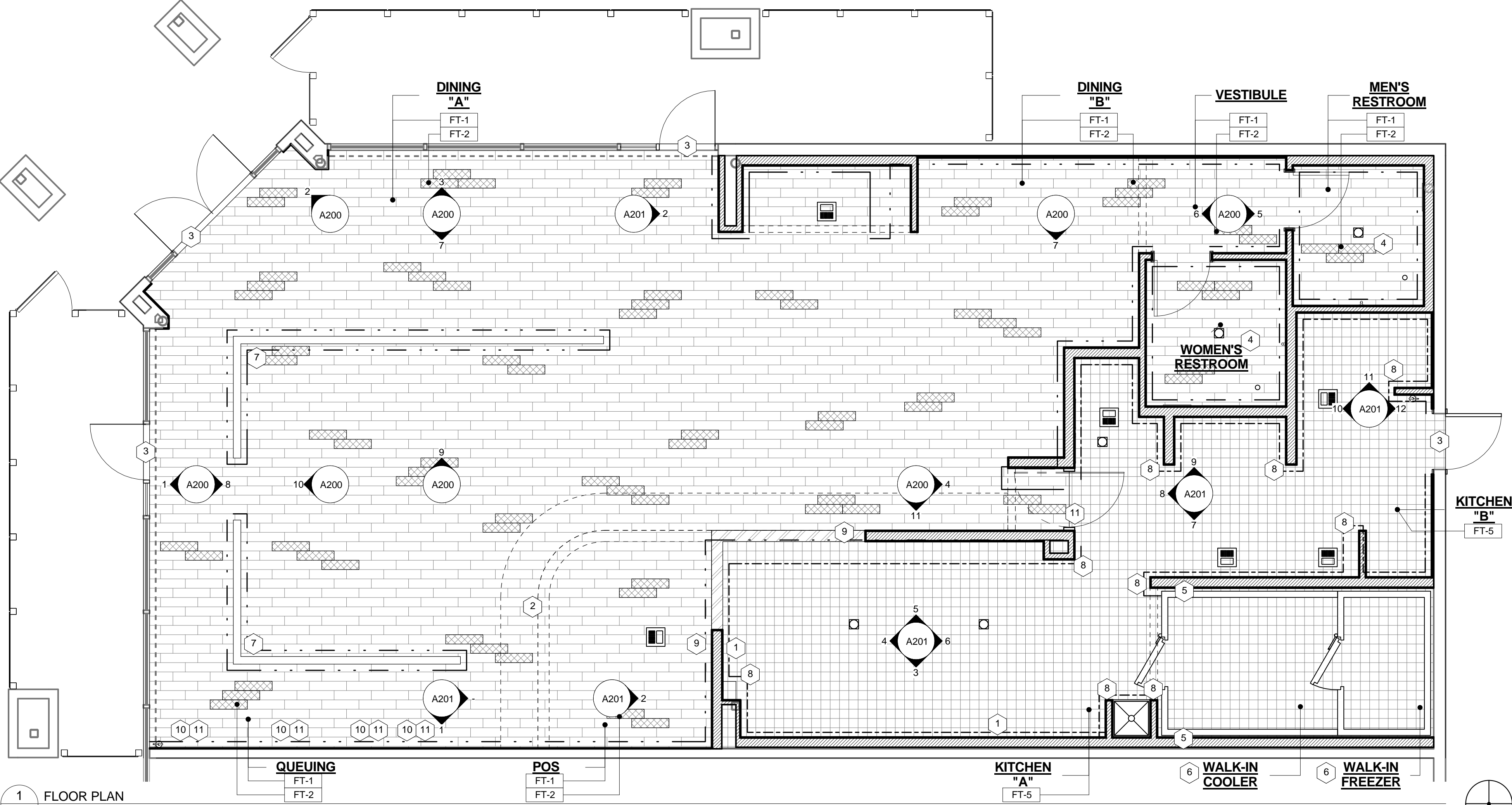


2 FLOOR / TRENCH DRAIN DETAIL
A103 SCALE: 3/4" = 1'-0"



3 FLOOR TILE PATTERN GUIDE
A103 SCALE: 1/4" = 1'-0"

4 TILES DETAIL @ MENU BOARD WALL
A103 SCALE: 3" = 1'-0"



1 FLOOR PLAN
A103 SCALE: 1/4" = 1'-0"

GENERAL NOTES

- FLOOR DRAINS (REFER TO PLUMBING SHEETS) SHALL BE SET TO BE FLUSH WITH TOP OF FINISH TILE. UNLESS OTHERWISE NOTED.
- ALL HORIZONTAL SEAMS ARE TO BE SEALED (I.E. COUNTERTOPS, TILE AND STATIONARY FIXTURES, ETC.). USE CLEAR CAULK.
- FLOORING CONTRACTOR IS RESPONSIBLE FOR ANY AND ALL FLOOR PREP NECESSARY FOR ALL FLOORING.
- ALL SEALANTS ARE TO BE CLEAR SILICONE UNLESS OTHERWISE NOTED.
- RETURN ALL FINISHES TO WINDOW / DOOR FRAMES.
- TRANSITION FROM WC-1 TO PNT-2 TO ALIGN WITH PASS THRU STAINLESS STEEL WALL WRAP
- REFER TO INTERIOR ELEVATIONS FOR CLARIFICATION.
- PROVIDE AND INSTALL MARLITE INSIDE CORNER GUARDS AT ALL INTERIOR FRP CORNERS. USE MODEL #M350FP / 3/4" (WHITE).
- CONTINUE NEW FLOORING UNDERNEATH ALL RESTAURANT SEATING.
- ALL CEMENTITIOUS / SANDED GROUT TO RECEIVE "AQUA MIX SEALERS CHOICE GOLD" SEALANT.
- GC TO PROVIDE AND INSTALL EXTRUDE-A-TRIM (#IE1213) CORNER GUARDS IN DINING AREA. FOR PARTIAL-HEIGHT WALL, TRIM SHOULD RUN FROM TOP OF BASE TO UNDERSIDE OF WALL CAP. FOR FULL-HEIGHT WALLS, TRIM SHOULD RUN FROM TOP OF BASE TO BA-2.
- BA-1 AND BA-2 TO ALIGN WITH PASS THRU STAINLESS STEEL WALL WRAP.

KEYED NOTES

- STAINLESS STEEL WALL SURFACE AT KITCHEN HOOD IS TO EXTEND BEYOND HOOD 18". SEAL EDGES OF STAINLESS STEEL PANELS WITH HEAT-RESISTANT CAULK. REFER TO SHEET A200 FOR MORE INFORMATION.
- GYPSUM WALLBOARD SOFFIT OR BULKHEAD ABOVE. REFER TO NOTES ON THIS SHEET, INTERIOR ELEVATIONS AND A105 FOR ADDITIONAL INFORMATION ON FINISHES.
- GREY URETHANE CAULK BETWEEN FLOORING FINISH AND THRESHOLD (AS REQUIRED).
- REFER TO SHEET A300 FOR RESTROOM ELEVATIONS AND DETAILS.
- FINISHES TO TERMINATE 12" PAST WALK-IN COOLER WALLS.
- WALK-IN COOLER TO BE INSTALLED ON TOP OF TILE FLOORING.
- WALLCAP FOR PARTIAL-HEIGHT WALL TO BE PROVIDED BY MILLWORK VENDOR AND INSTALLED BY GC. REFER TO DETAIL 6/A400.
- KEC TO PROVIDE AND INSTALL 2"x2" STAINLESS STEEL CORNER GUARDS TO 48" AFF.
- WALL BENEATH COUNTER TO BE PAINTED PNT-1.
- QUEUE LINE WALL. REFER TO SHEET A400 FOR ADDITIONAL INFORMATION.
- STORYBOARD WALL PANELS. REFER TO SHEET A400 FOR ADDITIONAL INFORMATION.
- PROVIDE AND INSTALL TRANSITION STRIP AT ALL FLOORING CHANGES. USE SCHLUTER SYSTEMS RENO-YK.

FLOOR FINISH TYPE SCHEDULE

ITEM NO.	SPECIFICATION	FINISH	GROUT SPECIFICATION	LOCATION	VENDOR CONTACT INFO
FT-1	#57897: CMC SHIREWOOD BROWN - 6X24 (95%)	GR-3	#50275: H141 FLASH WALNUT: SANDED	DINING ROOM FLOOR	
FT-2	#57895: CMC SHIREWOOD NATURAL - 6X24 (5%)	GR-3	#50275: H141 FLASH WALNUT: SANDED	DINING ROOM FLOOR	CREATIVE MATERIALS
FT-5	CREATIVE MATERIALS	CMC GREY - ABRASIVE	GREY	WALK-IN COOLER - 6'x6'	

VENDOR CONTACT INFO:
CREATIVE MATERIALS:
DEIRDRE SCHUTH: (518) 713-5384
DSCHUTH@CREATIVEMATERIALSCORP.COM
WOLF GORDON:
KENLEY GRAVES: (303) 249-2629
KENLEYG@WOLF-GORDON.COM

FLOOR FINISH TYPE LEGEND

	FT-1	#57897: CMC SHIREWOOD BROWN - 6X24 (95%)
	FT-2	#57895: CMC SHIREWOOD NATURAL - 6X24 (5%)
	FT-5	CREATIVE MATERIALS 6X6 CMC GREY - ABRASIVE

TILE BASE LEGEND

	B-1	PORCELAIN COVE BASE
	B-2	RUBBER BASE
	B-3	QUARRY COVE BASE

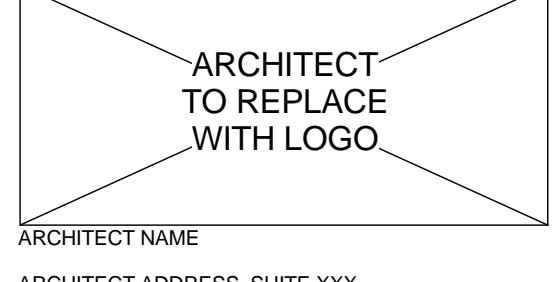
WALL FINISH TYPE SCHEDULE

ITEM NO.	SPECIFICATION	FINISH	GROUT SPECIFICATION	VENDOR CONTACT INFO
BAND				
BA-1	SCHLUTER - DESIGNLINE - 1" WIDE STAINLESS STEEL			GC PROVIDED
BA-2	EXTRUDE-A-TRIM - IE2416ML12 - 1" WIDE			GC PROVIDED
BA-3	EXTRUDE-A-TRIM - IE1213 - 3/4" WIDE ANODIZED			GC PROVIDED
BA-4	SCHLUTER - "JOLLY" - ANODIZED ALUMINUM			GC PROVIDED
BASE				
B-1	#57897: CMC MOKA MATTE - 4 X 8 COVE BASE	GR-1	#57901: H163 LINEN - UNSANDED	CREATIVE MATERIALS
B-2	ROPPE (RUBBER BASE) P-110 BROWN 6" W/ STANDARD TOE PROFILE			GC PROVIDED
FT-6	CREATIVE MATERIALS: 6X6 COVE BASE	GR-1	HYDROMENT TAUPE H151	GC PROVIDED
PAINT				
PNT-1	BENJAMIN MOORE: HC-93 "CARRINGTON BEIGE" EGGSHELL			GC PROVIDED
PNT-2	BENJAMIN MOORE: HC-68 "MIDDLEBURY BROWN" EGGSHELL			GC PROVIDED
PNT-3	SHERWIN WILLIAMS: SW6321 "RED BAY" EGGSHELL	VARIES		GC PROVIDED
WALL FINISHES				
FRP-1	MARLITE P-100 PEBBLE FINISH WHITE		OR APPROVED EQUAL	GC PROVIDED
STS	STAINLESS STEEL			GC PROVIDED, UON
WC-1	WOLF GORDON	G 8370359	G 8370359	WOLF GORDON
WT-1	#57899: CMC 21PC90 - CAMEL GLOSS - 4 X 12	GR-2	#57584: H141 FLASH WALNUT: UNSANDED	CREATIVE MATERIALS
WT-2	#57898: CMC 21PC89 - MOKA GLOSSY - 4 X 12	GR-1	#57901: H163 LINEN - UNSANDED	CREATIVE MATERIALS
WT-3	#57902: CMC TAUPE LINEN - 6 X 24	GR-3	#57584: H141 FLASH WALNUT: SANDED	CREATIVE MATERIALS
WT-4	#53032: CMC 21PP90 - CAMEL MATTE - 12	GR-1	#57901: H163 LINEN - UNSANDED	CREATIVE MATERIALS
WT-5	#50137: CMC SPICY RED PEPPER BULL DOSE - 4.25 X 4.25	GR-1	#57901: H163 LINEN - UNSANDED	CREATIVE MATERIALS

VENDOR CONTACT INFO:
CREATIVE MATERIALS:
DEIRDRE SCHUTH: (518) 713-5384
DSCHUTH@CREATIVEMATERIALSCORP.COM
WOLF GORDON:
KENLEY GRAVES: (303) 249-2629
KENLEYG@WOLF-GORDON.COM

ROOM FINISH SCHEDULE

ROOM NAME	FLOOR FINISH	FLOOR BASE	WALL FINISH	CEILING FINISH
QUEUING	PORCELAIN TILE (FT-1, FT-2)	RUBBER BASE (B-2)	VINYL WALL COVERING (WC-1) ANODIZED BAND (BA-2) PAINT (PNT-2)	EXPOSED (PAINTED PNT-2)
POS	PORCELAIN TILE (FT-1, FT-2)	RUBBER BASE (B-2)	CERAMIC TILE (WT-1, WT-2, WT-5) STAINLESS STEEL BAND (BA-3) PAINT (PNT-1) PAINT (PNT-2)	GYPSUM WALLBOARD (PAINTED PNT-1)
DINING	PORCELAIN TILE (FT-1, FT-2)	RUBBER BASE (B-2)	VINYL WALL COVERING (WC-1) ANODIZED BAND (BA-2) PAINT (PNT-1) PAINT (PNT-2)	EXPOSED (PAINTED PNT-2)
WOMEN'S RESTROOM	PORCELAIN TILE (FT-1, FT-2)	PORCELAIN COVE BASE (B-1)	CERAMIC TILE (WT-2, WT-4, WT-5) PAINT (PNT-1)	GYPSUM WALLBOARD (PAINTED PNT-1)
MEN'S RESTROOM	PORCELAIN TILE (FT-1, FT-2)	PORCELAIN COVE BASE (B-1)	CERAMIC TILE (WT-2, WT-4, WT-5) PAINT (PNT-1)	GYPSUM WALLBOARD (PAINTED PNT-1)
KITCHEN	QUARRY TILE (FT-5)	QUARRY COVE BASE (B-3)	STAINLESS STEEL (STS) FRP (FRP-1)	VINYL FACED LAY-IN CEILING TILE (C-1)



ARCHITECT NAME
ARCHITECT ADDRESS, SUITE XXX
CITY, STATE ZIP CODE
PHONE: (XXX) XXX-XXXX
FAX: (XXX) XXX-XXXX
EMAIL: ARCHITECT@EMAIL.COM
CONTACT NAME

CONSULTANT:

I HEREBY CERTIFY THAT THE PORTION OF THIS TECHNICAL SUBMISSION WHICH IS IDENTIFIED BY THE KEYED NOTATION IS THE WORK OF AN ARCHITECT REGISTERED IN THE STATE OF TEXAS AND IS A DULY REGISTERED ARCHITECT UNDER THE LAWS OF THE STATE OF TEXAS.

XX-XX-XXXX
DATE ISSUED
XX-XX-XXXX
REG. NO.

NAME OF ARCHITECT
TYPED OR PRINTED NAME
SIGNATURE
SHEETS COVERED BY THIS SEAL:
G001 A100 A104 A300
G002 A101 A105 A400
G003 A102 A200 A401
A001 A103 A201



SEAL:



EXAMPLE PROJECT 3.1
12345 EXAMPLE STREET
SUITE 123
CITY, STATE 98765

SHEET TITLE:
FINISH PLAN AND
ROOM SCHEDULE

XX-XX-XXXX

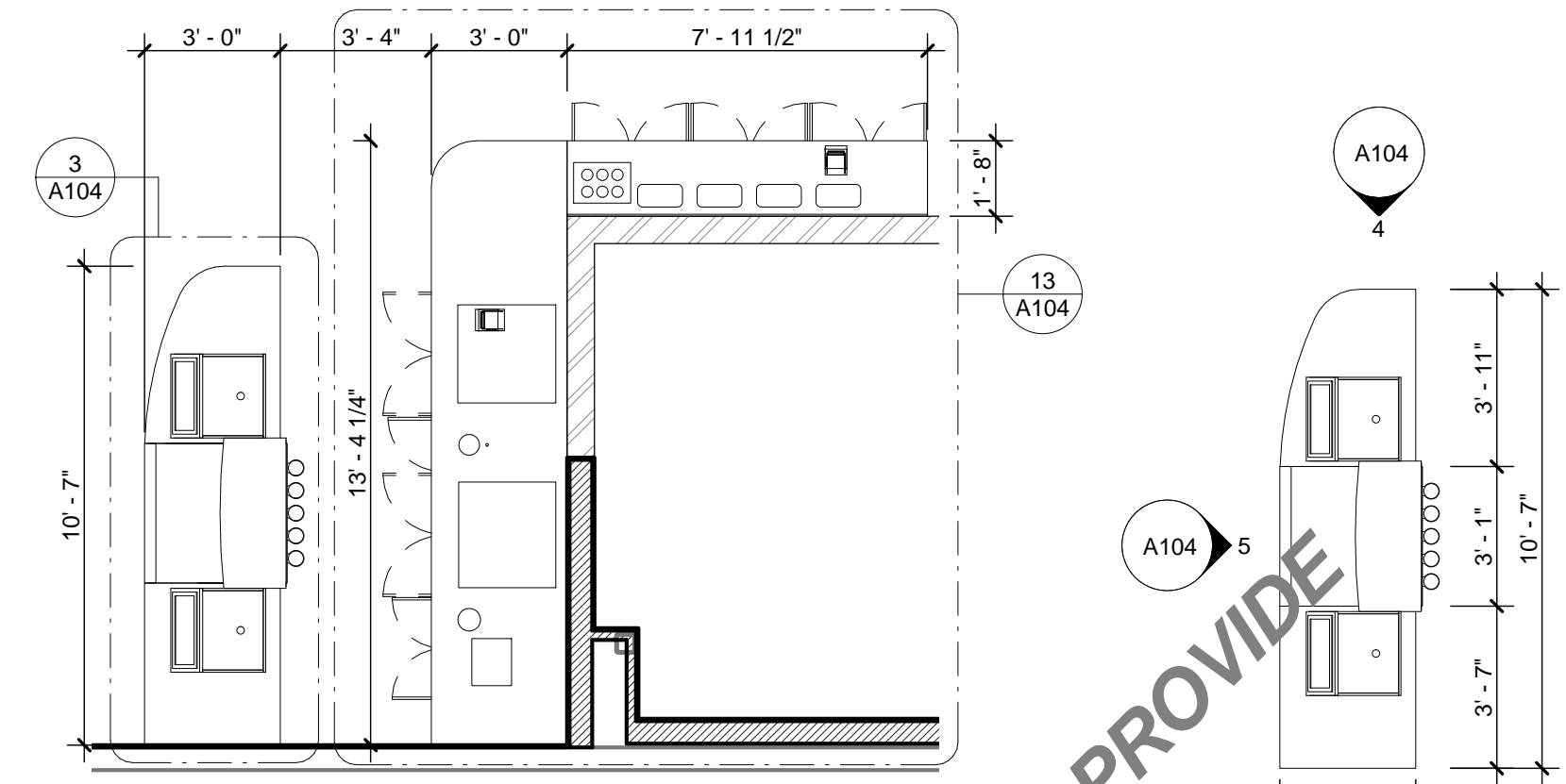
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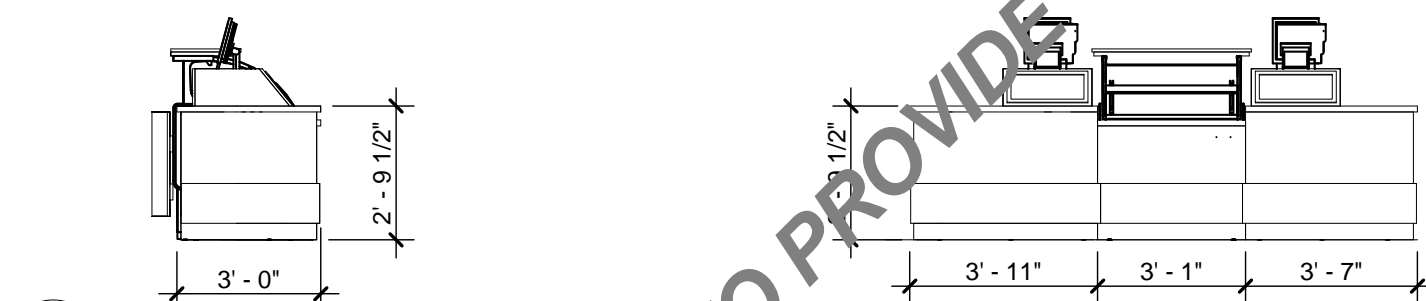
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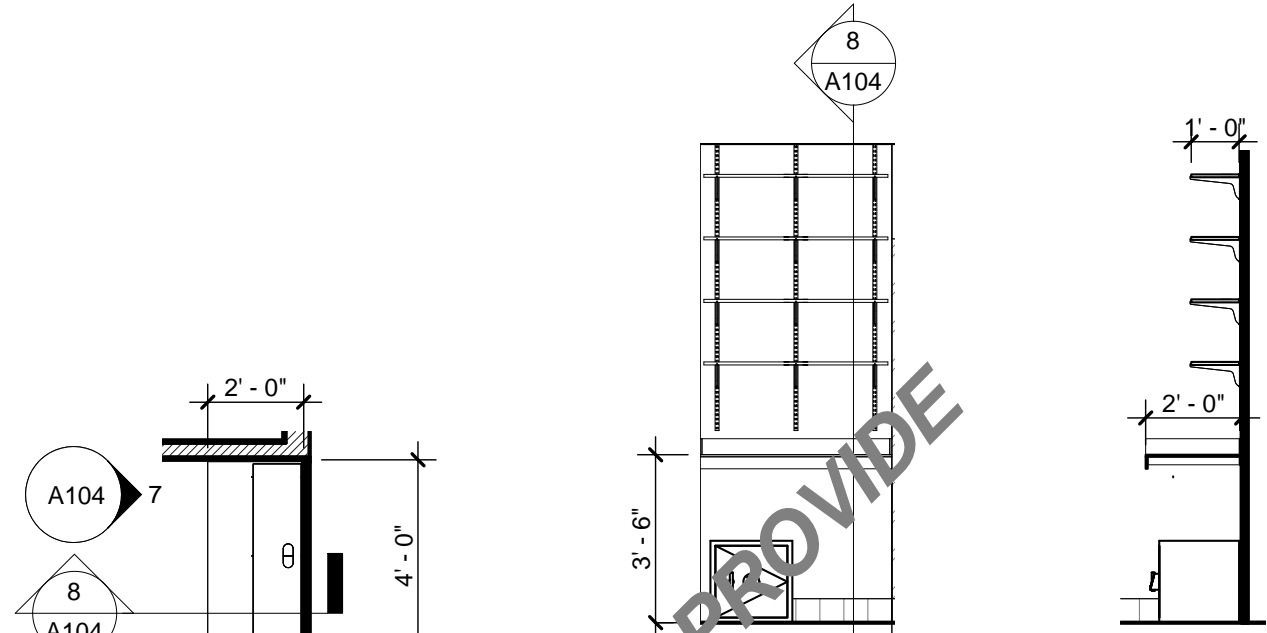
2 PLAN DETAIL @ POS
A104 SCALE: 1/4" = 1'-0"

3 PLAN DTL @ POS COUNTER
A104 SCALE: 1/4" = 1'-0"



4 SIDE ELEV @ POS COUNTER
A104 SCALE: 1/4" = 1'-0"

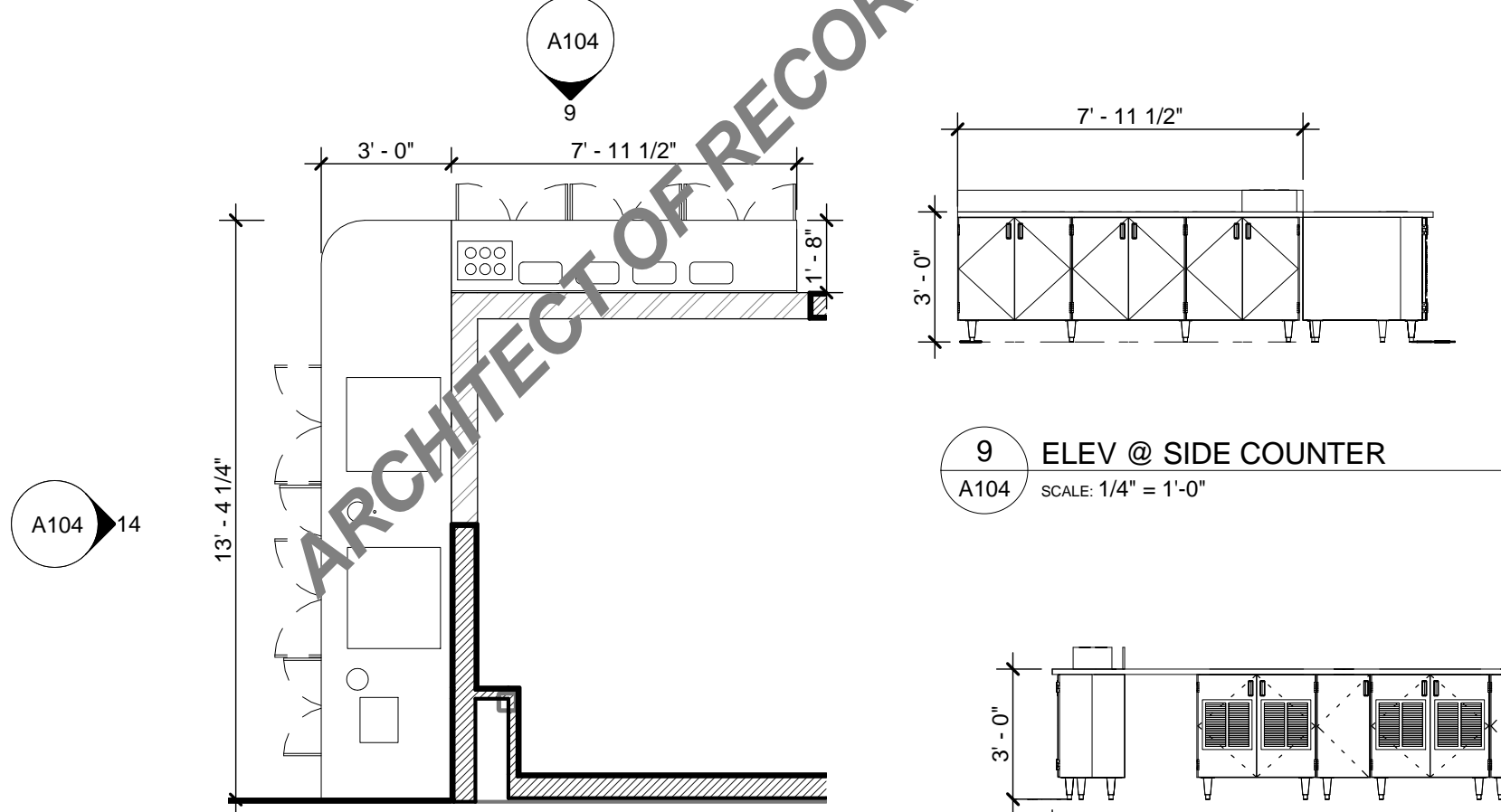
5 ELEV @ POS COUNTER
A104 SCALE: 1/4" = 1'-0"



6 PLAN DTL @ MANAGER'S DESK
A104 SCALE: 1/4" = 1'-0"

7 ELEV @ DESK
A104 SCALE: 1/4" = 1'-0"

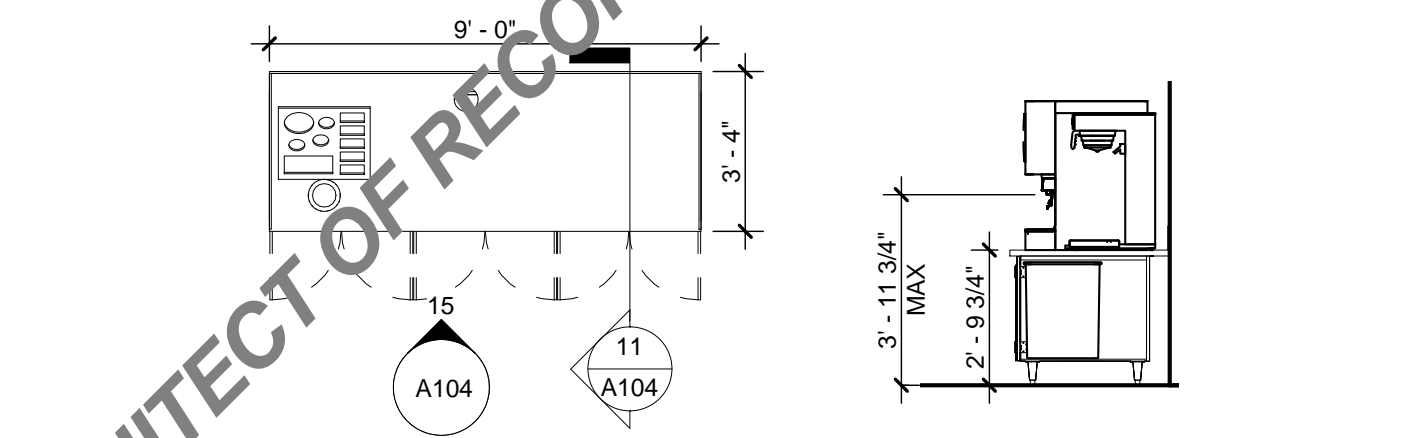
8 SECT @ DESK
A104 SCALE: 1/4" = 1'-0"



9 ELEV @ SIDE COUNTER
A104 SCALE: 1/4" = 1'-0"

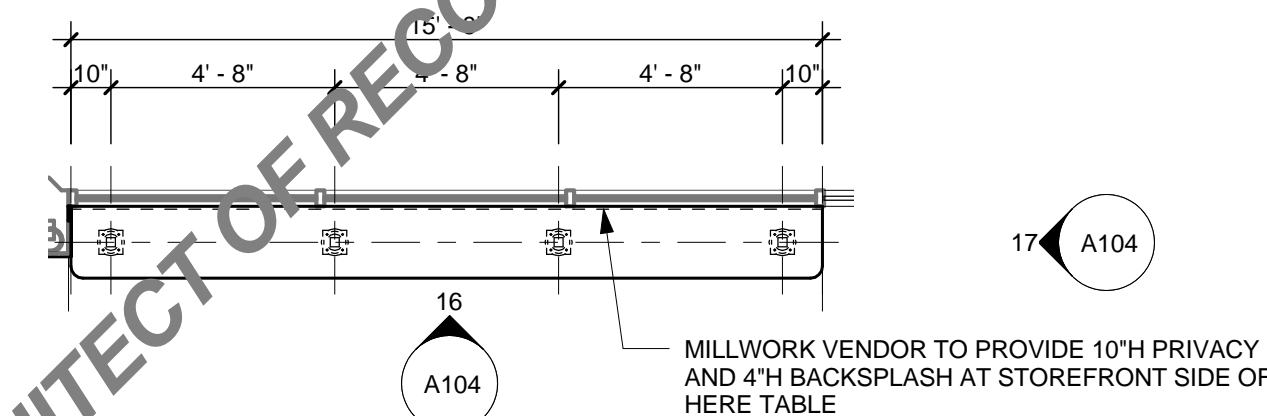
13 PLAN DTL @ BACK COUNTER / SIDE COUNTER
A104 SCALE: 1/4" = 1'-0"

14 ELEV @ BACK COUNTER
A104 SCALE: 1/4" = 1'-0"



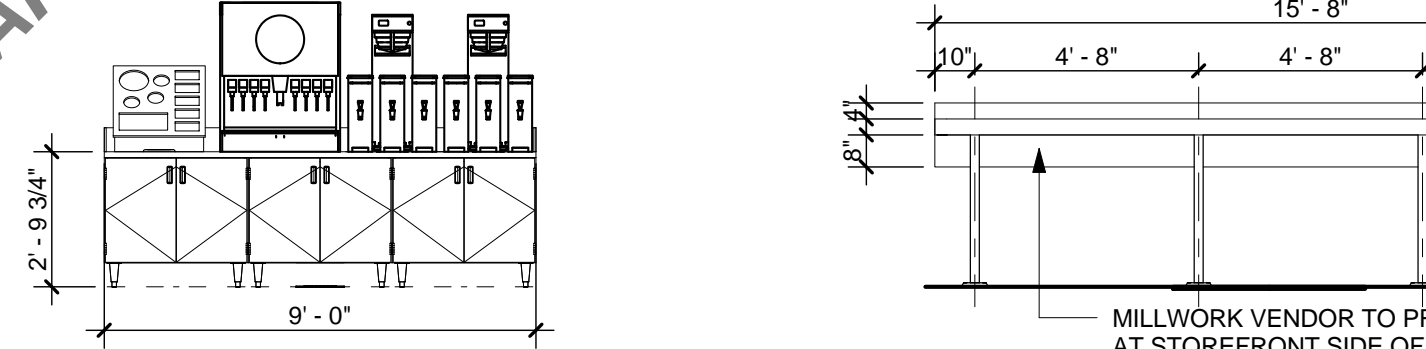
10 PLAN DTL @ BEVERAGE COUNTER
A104 SCALE: 1/4" = 1'-0"

11 SECTION @ BEVERAGE COUNTER
A104 SCALE: 1/4" = 1'-0"



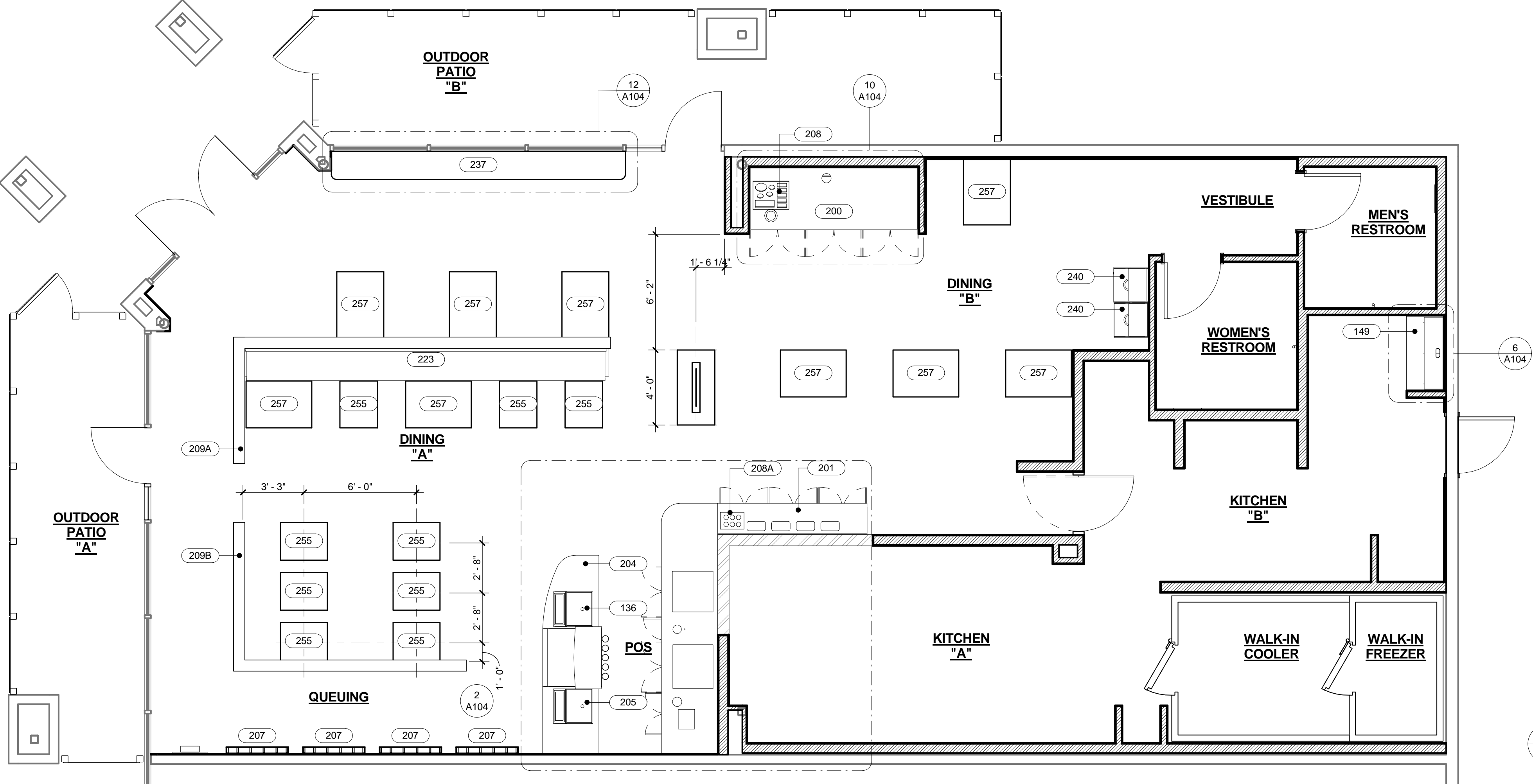
12 PLAN DETAIL @ SIT-HERE TABLE
A104 SCALE: 1/4" = 1'-0"

16 ELEV @ SIT-HERE TABLE
A104 SCALE: 1/4" = 1'-0"



15 FRONT ELEVATION
A104 SCALE: 1/4" = 1'-0"

17 SIDE ELEV
A104 SCALE: 1/4" = 1'-0"



1 CASEWORK PLAN
A104 SCALE: 1/4" = 1'-0"

GENERAL NOTES

- GC TO NOTIFY SMASHBURGER IMMEDIATELY IF A DISCREPANCY EXISTS BETWEEN CASEWORK SHOP DRAWINGS, SITE DIMENSIONS, CASEWORK PLAN OR ACTUAL CASEWORK FIXTURES. ALL DIMENSIONS TO BE TAKEN FROM DESIGNATED DATUM POINT.
- REFER TO CASEWORK INSTALLATION MANUAL PROVIDED BY CASEWORK VENDOR FOR COMPLETE INSTALLATION INSTRUCTIONS.
- DO NOT CAULK TRASH RINGS TO COUNTERTOPS.
- DO NOT SCALE DRAWINGS.
- ALL CASEWORK TO BE PROVIDED BY VENDOR.

CASEWORK FINISH SCHEDULE

FINISH	TYPE	SPECIFICATION
EB-1	EDGE BANDING	2mm PVC - CANPLAST #10/08 "BRUSHED ALUMINUM"
EB-2	EDGE BANDING	3mm PVC - "BLACK"
FAB-1	BACK FABRIC	MAHARAN - "MARQUEE" 463890 COLOR: GUAVA
FAB-2	SEAT FABRIC	WOLF GORDON: ANSONIA G8371205 "RED"
FAB-3	BACK FABRIC	WOLF GORDON: ANSONIA G8371205 "RED"
FAB-4	SEAT FABRIC	WOLF GORDON: ANSONIA G8371206 "BROWN"
HINGES	5-KNUCKLE HINGE	RPC 2.75" - HDL #C374 1D - SATIN BLACK
KDX-1	SHEATHING	KYDEX - .566mm #52114 "BLACK"
MEL-1	MELAMINE	"BLACK"
PL-1	PLASTIC LAMINATE	WILSONART: 4911-38 "SOFT GOLD MESH"
PL-2	PLASTIC LAMINATE	ARBORITE: P-364 CA "RUCHED JUTE"
PL-3	PLASTIC LAMINATE	PIONITE WY131 "SILVIO"
PL-4	PLASTIC LAMINATE	WILSONART: 1595-60 "BLACK"
PL-5	PLASTIC LAMINATE	WILSONART: 1573-60 "WHITE"
PL-6	PLASTIC LAMINATE	WILSONART: D307 "HOLLY BERRY"
PL-7	PLASTIC LAMINATE	WILSONART: SATIN BRUSH NTRL W/PHENOLIC BACKER
PULLS	RECESSED PULLS	OUTWATER: #144-BK (USE SELF-TAPPING SCREW)
SS-1	SOLID SURFACE	CORIAN: MATTERHORN
WD-1	SOLID MAPLE	STAINED TO MATCH APPROVED SAMPLE
WD-2	MAPLE VENEER	STAINED TO MATCH APPROVED SAMPLE

CASEWORK SCHEDULE

ITEM NO.	QTY	DESCRIPTION
203	1	BACKLINE
204	1	MANAGER'S DESK
205	2	POS CABINET - RH
206	2	POS SHROUD
207	4	STORYBOARD - TIER II AND III
208	1	CONDIMENT RECEPTACLE
208A	1	CONDIMENT RECEPTACLE
209A	1	TOP CAP
209B	1	TOP CAP
223	1	SINGLE BANQUETTE
237	2	TRASH
240	2	TABLE TOP - 24X30
255	9	TABLE TOP - 30X42
257	9	TABLE TOP - 30X42

ARCHITECT
TO REPLACE
WITH LOGO

ARCHITECT NAME
ARCHITECT ADDRESS, SUITE XXX
CITY, STATE ZIP CODE
PHONE: (XXX) XXX-XXXX
FAX: (XXX) XXX-XXXX
EMAIL: ARCHITECT@EMAIL.COM
CONTACT NAME

CONSULTANT:

XX-XX-XXXX
DATE ISSUED
XX-XX-XXXX
REG. NO.

NAME OF ARCHITECT
TYPED OR PRINTED NAME
SIGNATURE
SHEETS COVERED BY THIS SEAL
G001 A100 A104 A300
G002 A101 A105 A400
G003 A102 A200 A401
A001 A103 A201

ARCHITECT
TO REPLACE
WITH SEAL

SEAL:



SHEET TITLE:
CASEWORK PLAN
AND DETAILS

XX-XX-XXXX

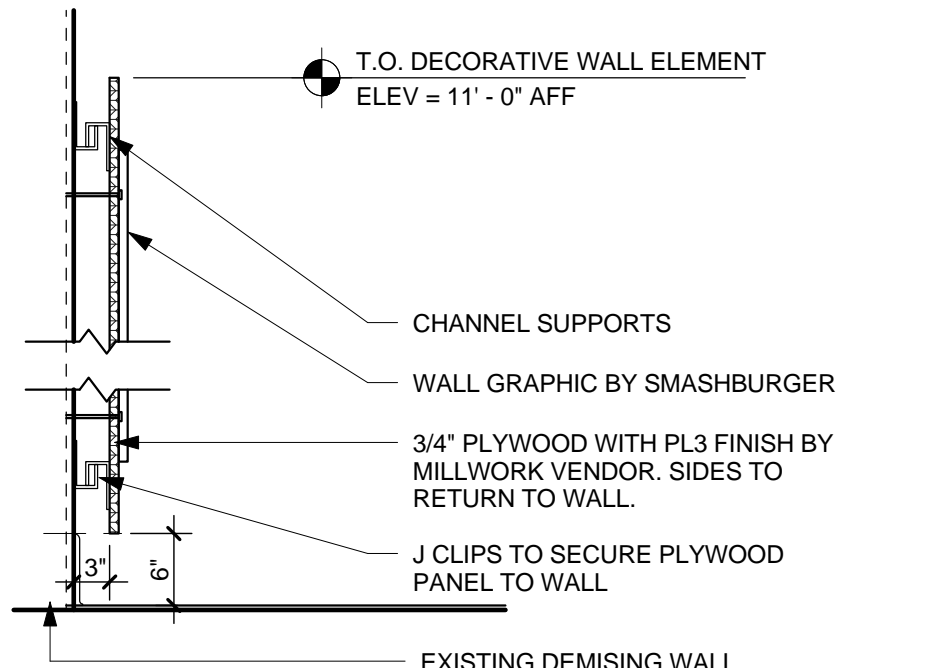
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NO.	DATE:	BY:	DESCRIPTION:

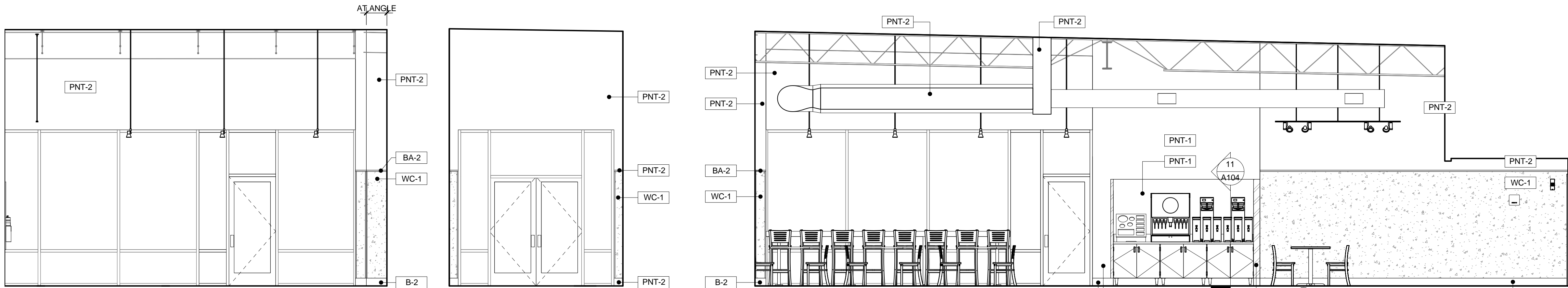
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DRAWN BY: ABC

A104



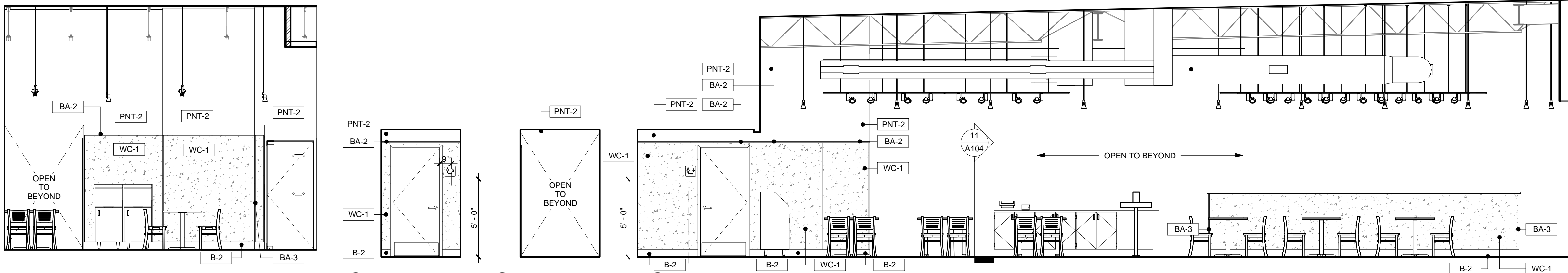
18 SECTION DETAIL - QUEUING LINE DECORATIVE ELEMENT
A104 SCALE: 3/4" = 1'-0"



1 ELEV @ STOREFRONT / EXIT TO OUTDOOR SEATING "A"
A200 SCALE: 1/4" = 1'-0"

2 ELEVATION @ MAIN ENTRY
A200 SCALE: 1/4" = 1'-0"

3 ELEVATION @ SIT-HERE TABLE / BEVERAGE STATION / DINING "B" / VESTIBULE
A200 SCALE: 1/4" = 1'-0"

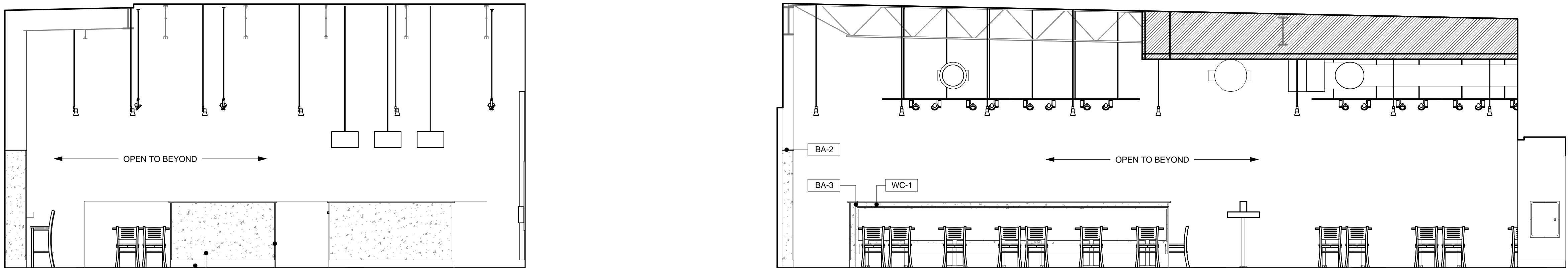


4 ELEV @ DINING / KITCHEN ENTRY
A200 SCALE: 1/4" = 1'-0"

5 ELEV @ MEN'S
A200 SCALE: 1/4" = 1'-0"

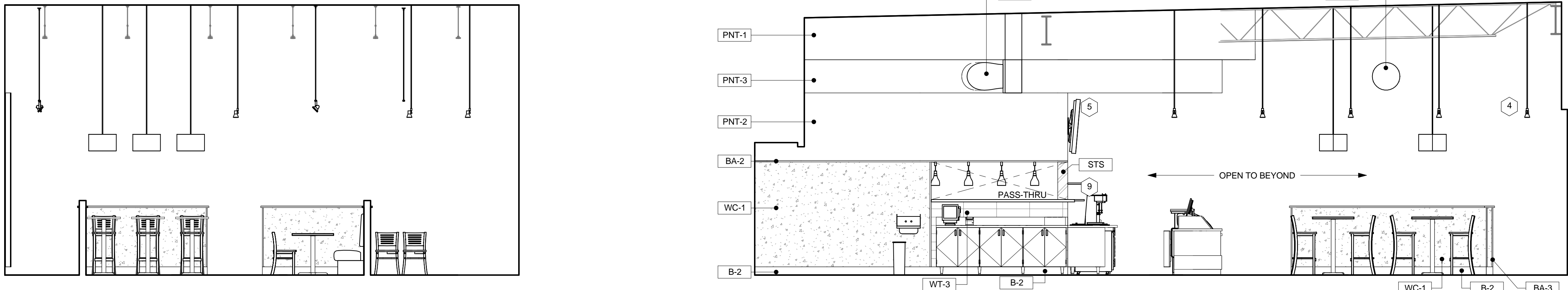
6 ELEV @ VESTIBULE
A200 SCALE: 1/4" = 1'-0"

7 ELEVATION @ VESTIBULE / DINING
A200 SCALE: 1/4" = 1'-0"



8 ELEVATION @ QUEUING
A200 SCALE: 1/4" = 1'-0"

9 ELEVATION @ DINING
A200 SCALE: 1/4" = 1'-0"



10 ELEVATION @ DINING
A200 SCALE: 1/4" = 1'-0"

11 ELEVATION @ SIDE COUNTER / POS / DINING
A200 SCALE: 1/4" = 1'-0"

GENERAL NOTES

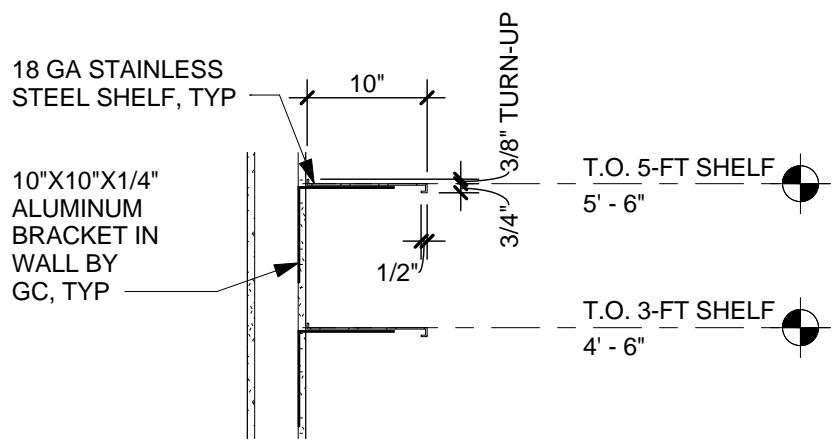
1. REFER TO FINISH TYPE SCHEDULE ON SHEET A102 FOR INFORMATION ON FINISHES.

KEYED NOTES

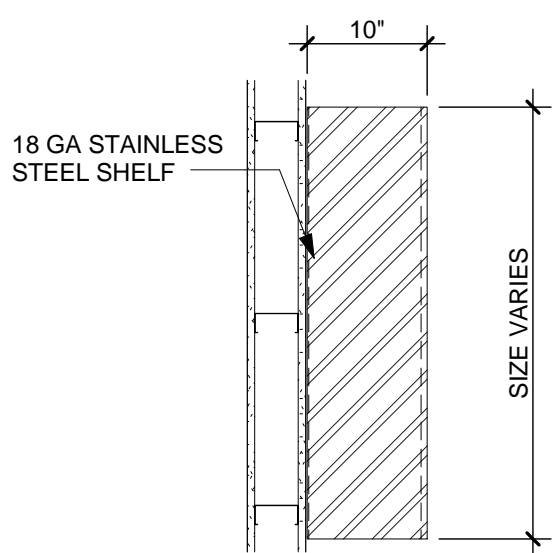
- 1" WIDE BAND TO BE PLACED IN LINE WITH PASS THRU.
- PENDANT CENTERED ABOVE BOOTHS AND TABLES. BOTTOM OF PENDANT AT 5'-5" OR 6'-5" AT HIGH TOP TABLES. REFER TO REFLECTED CEILING PLAN FOR MORE INFORMATION.
- POS SHROUDS PROVIDED BY MILLWORK VENDOR.
- MONOPOINT AND TRACK LIGHTING TO BE HUNG AT 11'-0" AFF TRACK LIGHTING IN DINING ROOM SOFFITS TO BE MOUNTED WITHIN SOFFIT. BOTTOM OF TRACK TO ALIGN WITH BOTTOM OF SLATTED PANELS.
- WALL MOUNTED ELECTRONIC MENU BOARDS. REFER TO CONSTRUCTION PLAN FOR BLOCKING REQUIREMENTS.
- TOP OF BA1 TO BE MOUNTED AT 4'-6 3/4" TO ALIGN WITH PASS THROUGH SHELF.
- G.C.TO PROVIDE AND INSTALL EXTRUDE-A-TRIM IE1213 ON ALL OUTSIDE CORNERS.
- STAINLESS STEEL WALL CAPS TO BE PROVIDED BY GC.
- PASS THRU SHELF BY KEC.

FINISH TYPE SCHEDULE

ITEM NO.	MANUFACTURER
BAND	
BA-1	SCHLUTER - DESIGNLINE - 1" WIDE STAINLESS STEEL
BA-2	EXTRUDE-A-TRIM - IE2416ML12 - 1" WIDE
BA-3	EXTRUDE-A-TRIM - IE1213 - 3/4" WIDE ANODIZED
BA-4	SCHLUTER - "JOLLY" - ANODIZED ALUMINUM
BASE	
B-1	#57897: CMC MOKA MATTE - 4 X 8 COVE BASE
B-2	ROPPE (RUBBER BASE) P-110 BROWN 6" W/ STANDARD TOE PROFILE
FT-6	CREATIVE MATERIALS: 6X6 COVE BASE
PAINT	
PNT-1	BENJAMIN MOORE: HC-93 "CARRINGTON BEIGE" EGGSHELL
PNT-2	BENJAMIN MOORE: HC-68 "MIDDLEBURY BROWN" EGGSHELL
PNT-3	SHERWIN WILLIAMS: SW6321 "RED BAY" EGGSHELL
WALL FINISHES	
FRP-1	MARLITE P-100 PEBBLE FINISH WHITE
STS	STAINLESS STEEL
WC-1	WOLF GORDON
WT-1	#57899: CMC 21PC90 - CARAMEL GLOSS - 4 X 12
WT-2	#57898: CMC 21PC89 - MOKA GLOSSY - 4 X 12
WT-3	#57902: CMC TAUPÉ LINEN - 6 X 24
WT-4	#53032: CMC 21PP90 - CARAMEL MATTE - 4 X 12
WT-5	#50137: CMC SPICY RED PEPPER BULLNOSE - 4.25 X 4.25



SECTION



PLAN

A DETAIL @ DISPLAY SHELVES
A200 SCALE: 3/4" = 1'-0"

ARCHITECT
TO REPLACE
WITH LOGO

ARCHITECT NAME
ARCHITECT ADDRESS, SUITE XXX
CITY, STATE ZIP CODE
PHONE: (XXX) XXX-XXXX
FAX: (XXX) XXX-XXXX
EMAIL: ARCHITECT@EMAIL.COM
CONTACT NAME

CONSULTANT:

I HEREBY CERTIFY THAT THE PORTION OF THIS TECHNICAL SUBMISSION
ENCLOSED IS THE PROPERTY OF THE ARCHITECT AND IS NOT TO BE
REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS
ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING,
OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE
WRITTEN PERMISSION OF THE ARCHITECT. THIS AGREEMENT IS A DAILY REGISTERED
ARCHITECT UNDER THE LAWS OF THE STATE OF TEXAS.

XX-XX-XXXX
DATE ISSUED
XX-XX-XXXX
REG. NO.
NAME OF ARCHITECT
TYPED OR PRINTED NAME
SIGNATURE
SHEETS COVERED BY THIS SEAL
G001 A100 A104 A300
G002 A101 A105 A400
A001 A102 A200 A401

ARCHITECT
TO REPLACE
WITH SEAL

SEAL:



EXAMPLE PROJECT 3.1
12345 EXAMPLE STREET
SUITE 123
CITY, STATE 98765

SHEET TITLE:
INTERIOR
ELEVATIONS

XX-XX-XXXX

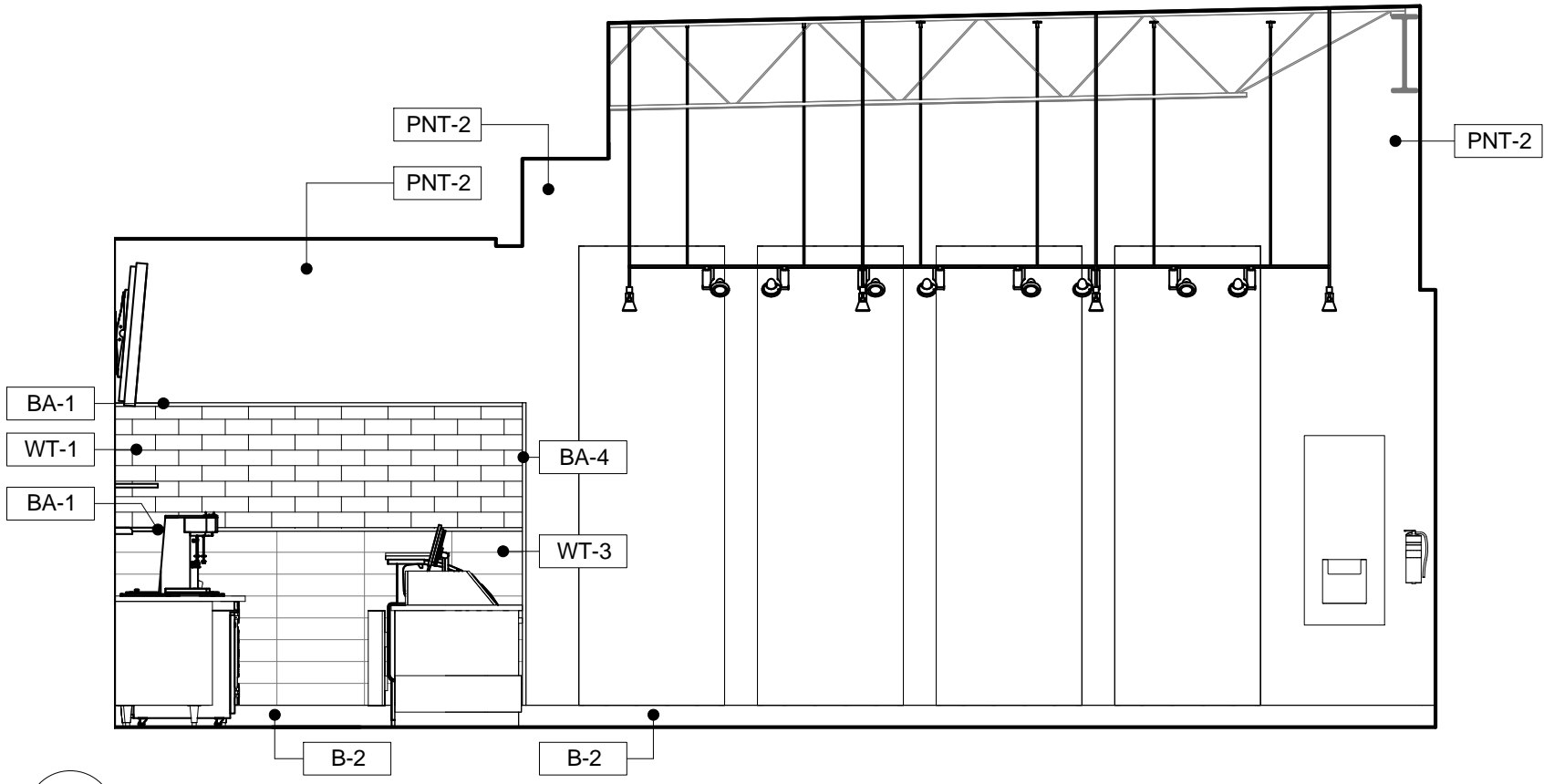
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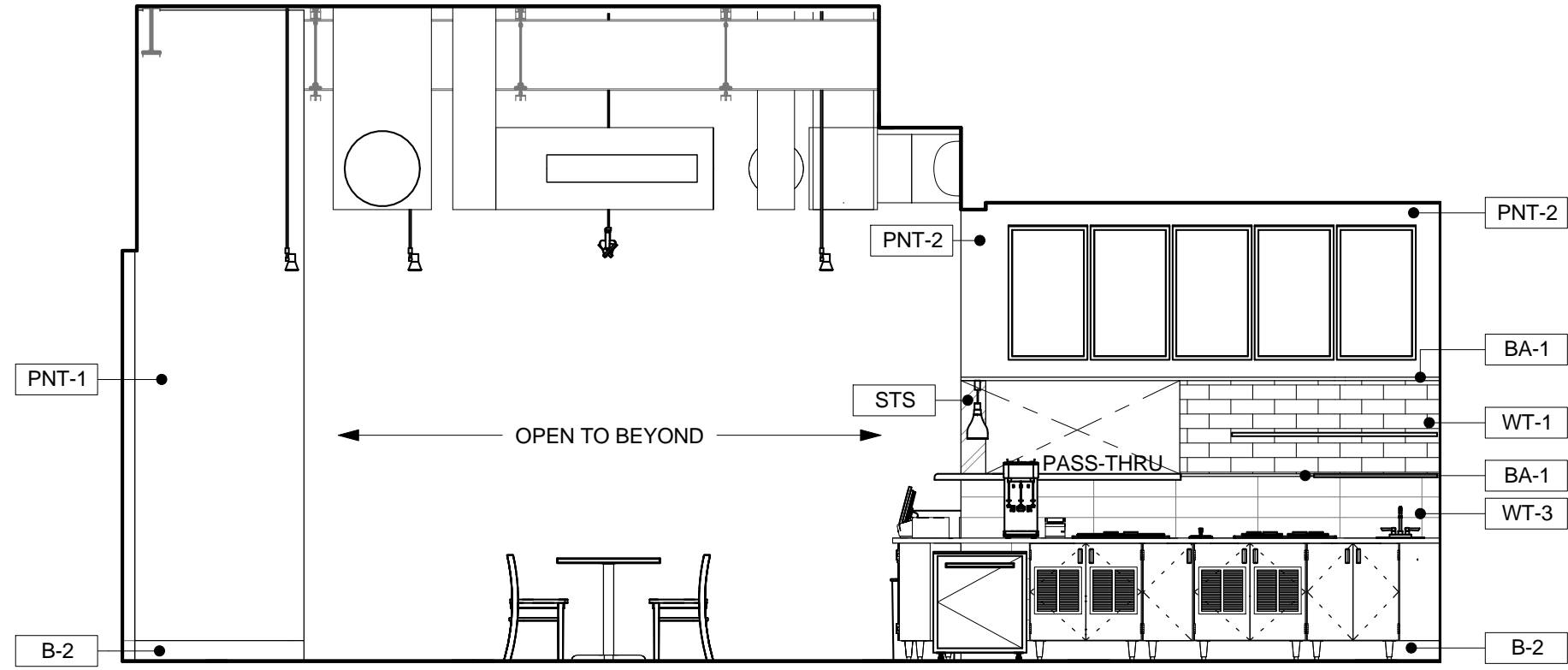
PROJECT NO: XXXXXX

DRAWN BY: ABC

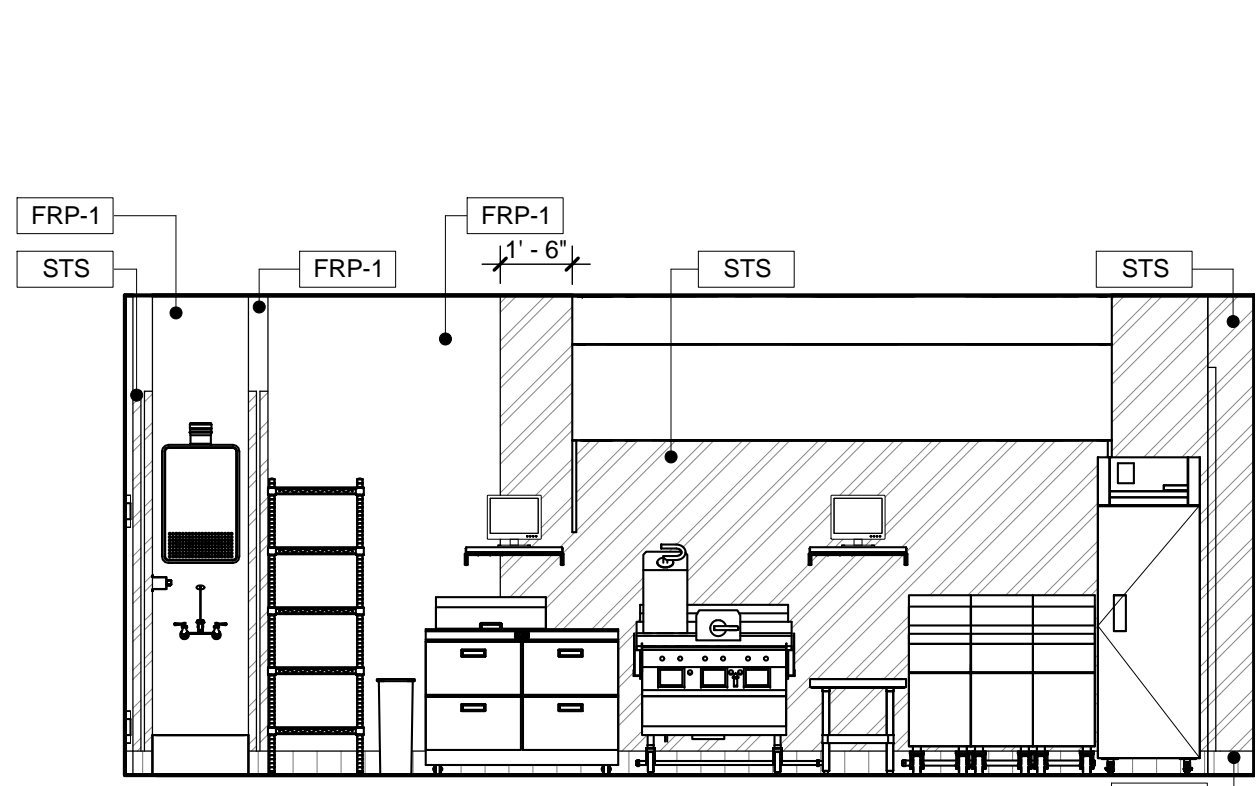
A200



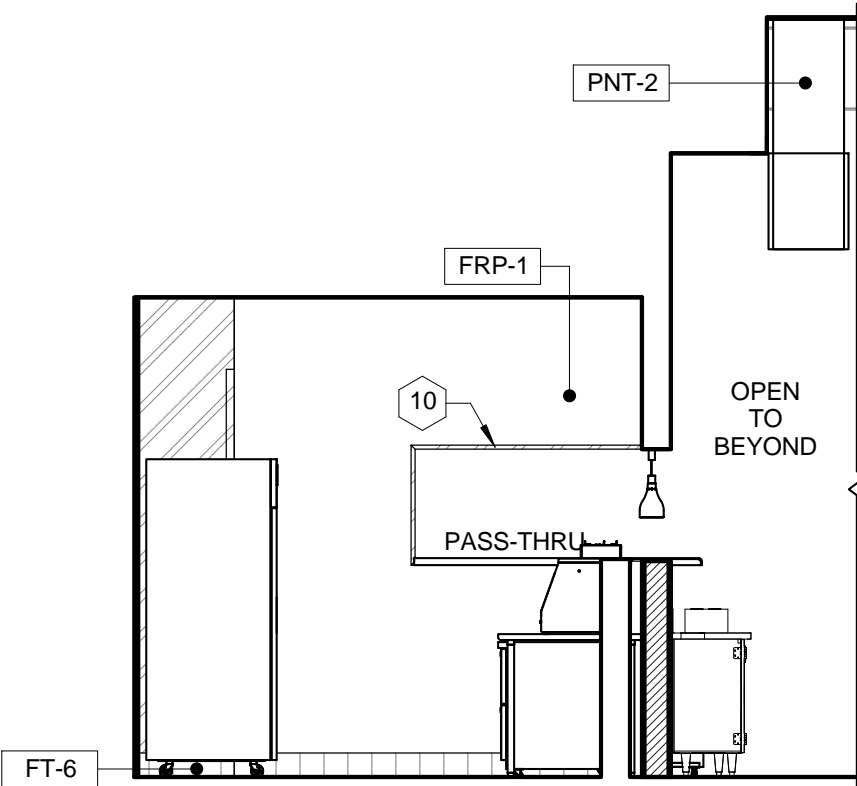
1 ELEVATION @ QUEUING
A201 SCALE: 1/4" = 1'-0"



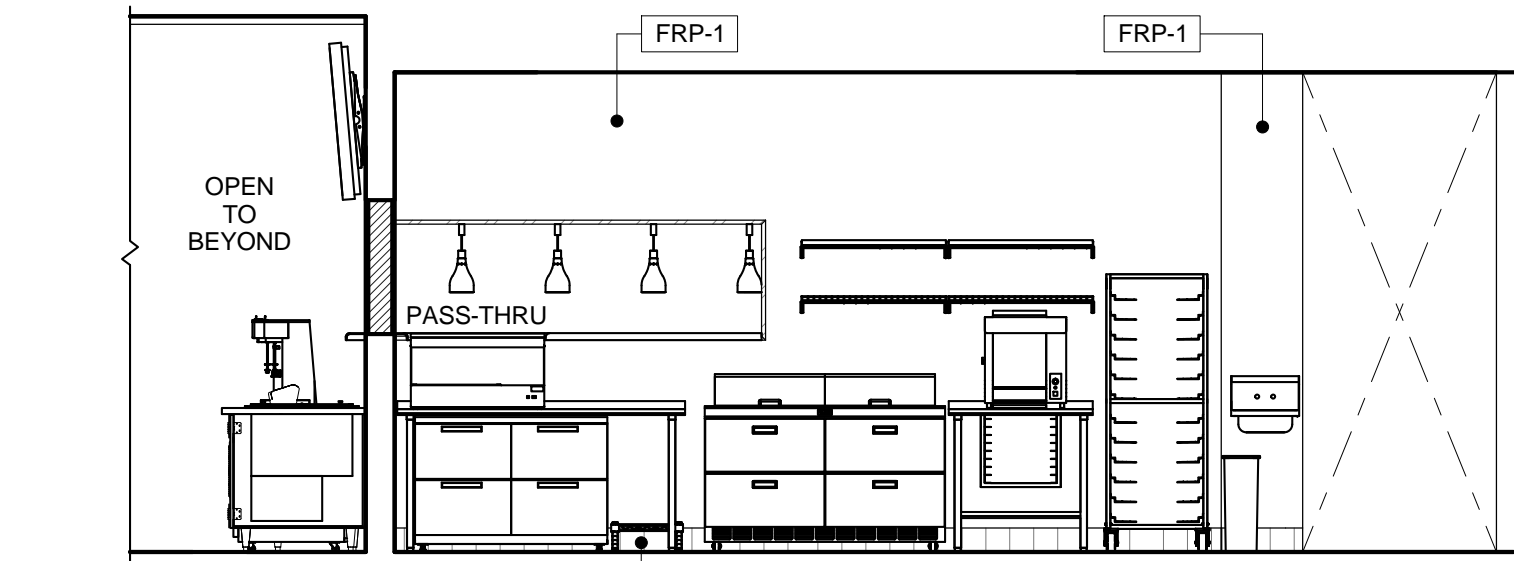
2 ELEVATION @ BEVERAGE STATION SIDE / DINING / BACK COUNTER
A201 SCALE: 1/4" = 1'-0"



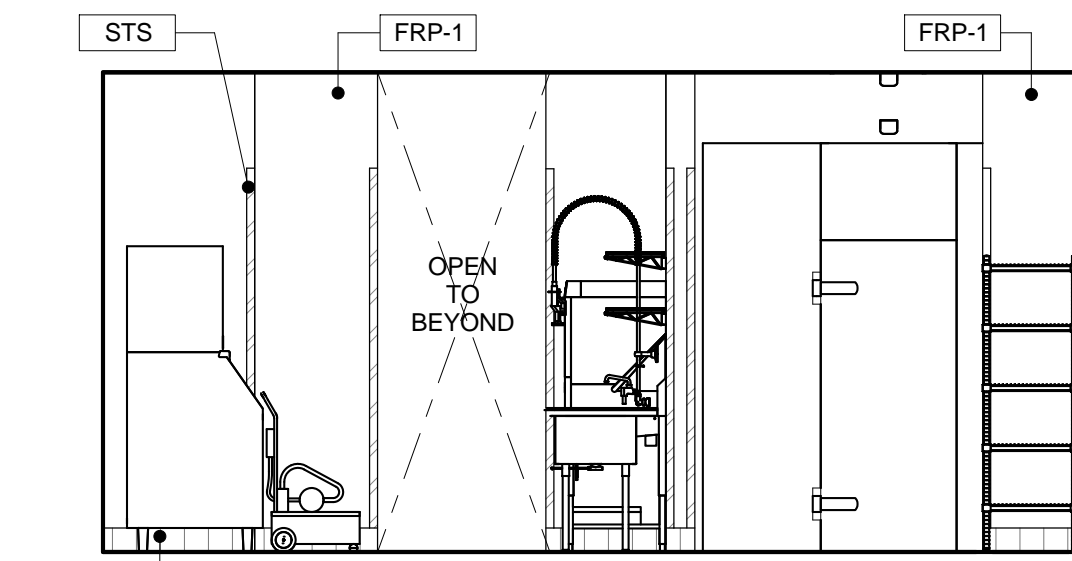
3 ELEVATION @ KITCHEN "A"
A201 SCALE: 1/4" = 1'-0"



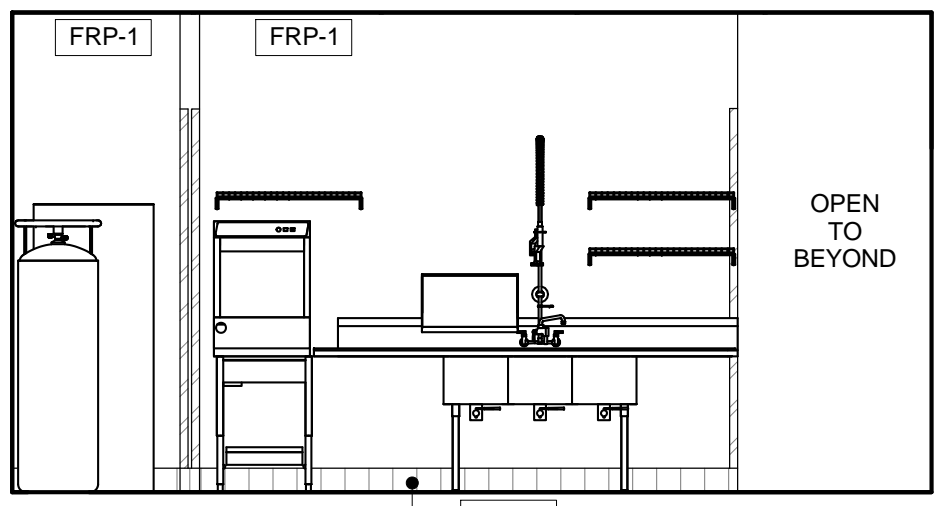
4 ELEVATION @ KITCHEN "A"
A201 SCALE: 1/4" = 1'-0"



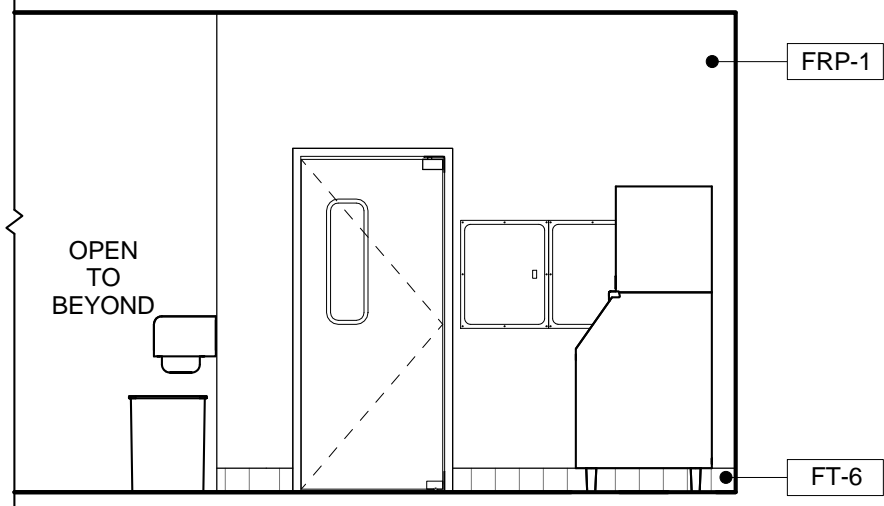
5 ELEVATION @ KITCHEN "A"
A201 SCALE: 1/4" = 1'-0"



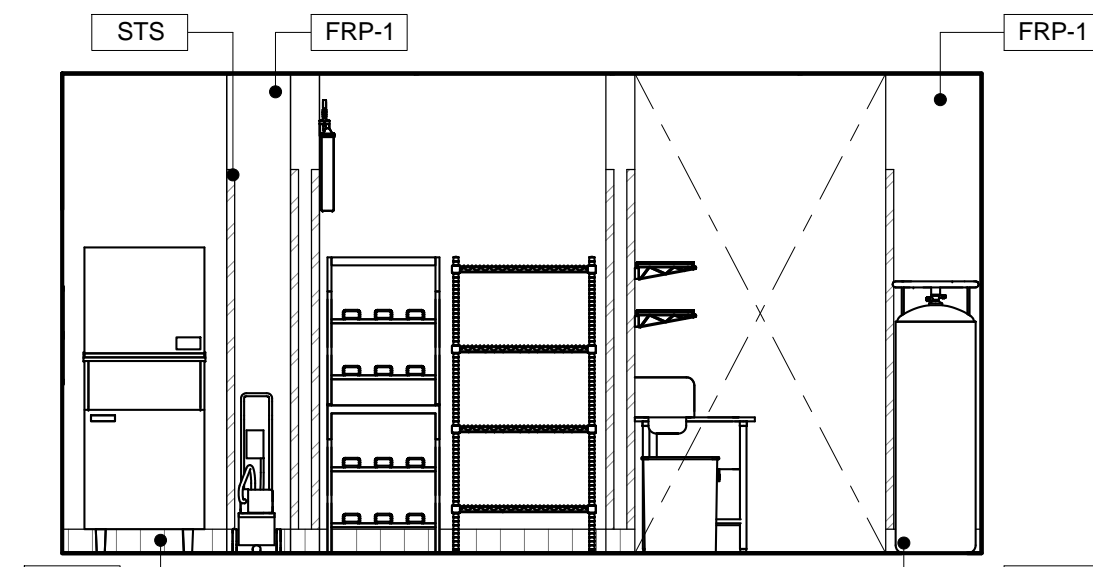
6 ELEVATION @ KITCHEN "A"
A201 SCALE: 1/4" = 1'-0"



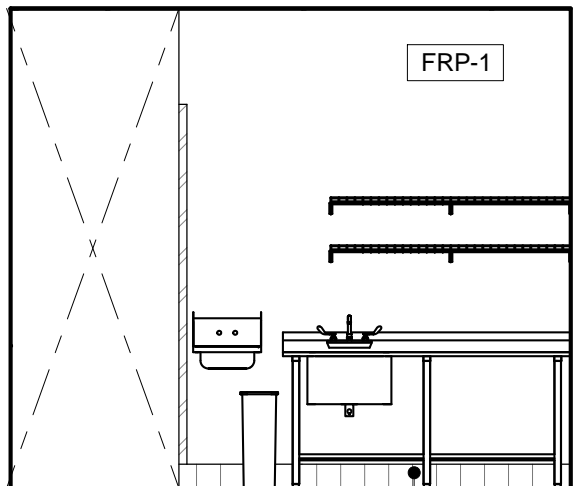
7 ELEVATION @ KITCHEN "B"
A201 SCALE: 1/4" = 1'-0"



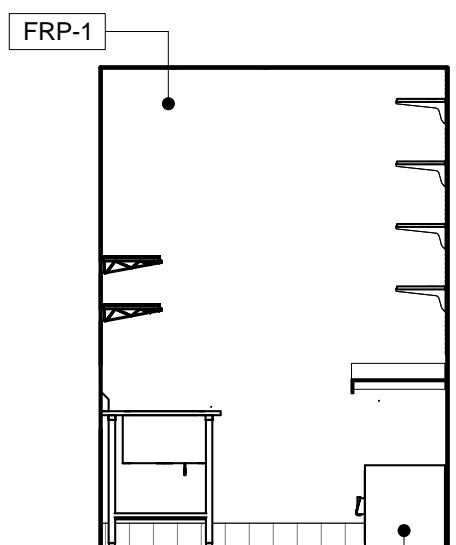
8 ELEVATION @ KITCHEN "B"
A201 SCALE: 1/4" = 1'-0"



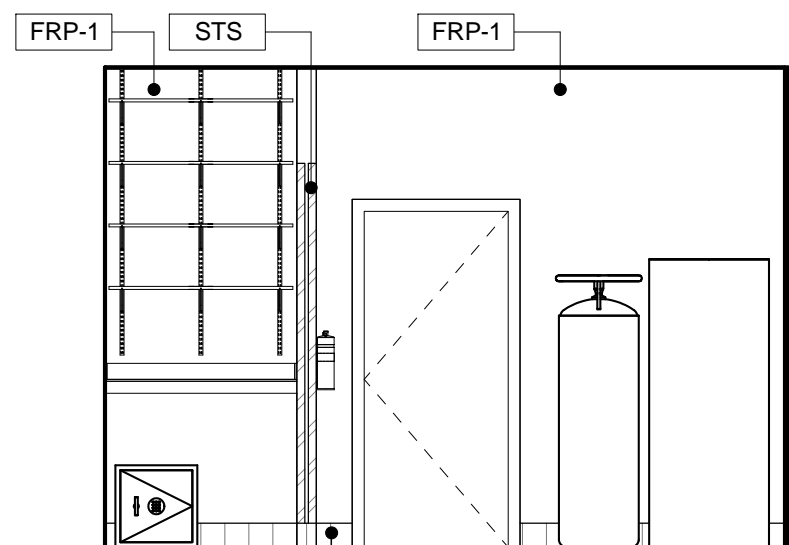
9 ELEVATION @ KITCHEN "B"
A201 SCALE: 1/4" = 1'-0"



10 ELEVATION @ KITCHEN "B"
A201 SCALE: 1/4" = 1'-0"



11 ELEVATION @ KITCHEN "B"
A201 SCALE: 1/4" = 1'-0"



12 ELEVATION @ KITCHEN "B"
A201 SCALE: 1/4" = 1'-0"

GENERAL NOTES

1. REFER TO FINISH TYPE SCHEDULE ON SHEET A102 FOR INFORMATION ON FINISHES.

KEYED NOTES

- 1" WIDE BAND TO BE PLACED IN LINE WITH PASS THRU.
- PENDANT CENTERED ABOVE BOOTHS AND TABLES. BOTTOM OF PENDANT AT 5'-6" OR 6'-6" AT HIGH TOP TABLES. REFER TO REFLECTED CEILING PLAN FOR MORE INFORMATION.
- MENU BOARD SHROUDS PROVIDED BY MILLWORK VENDOR.
- MONOPOINT AND TRACK LIGHTING TO BE HUNG AT 11'-0" AFF TRACK LIGHTING IN DINING ROOM SOFFITS TO BE MOUNTED WITHIN SOFFIT. BOTTOM OF TRACK TO ALIGN WITH BOTTOM OF SLATTED PANELS.
- WALL MOUNTED ELECTRONIC MENU BOARDS. REFER TO CONSTRUCTION PLAN FOR BLOCKING REQUIREMENTS.
- TOP OF BA1 TO BE MOUNTED AT 4'-6 3/4" TO ALIGN WITH PASS THROUGH SHELF.
- G.C.TO PROVIDE AND INSTALL EXTRUDE-A-TRIM IE1213 ON ALL OUTSIDE CORNERS.
- GC TO PROVIDE AND INSTALL MOP AND BROOM HOLDER.
- PASS THRU SHELF BY KEC.
- GC TO PROVIDE AND INSTALL STAINLESS STEEL WRAP AT THRU WINDOW.

FINISH TYPE SCHEDULE

ITEM NO.	MANUFACTURER
BAND	
BA-1	SCHLUTER - DESIGNLINE - 1" WIDE STAINLESS STEEL
BA-2	EXTRUDE-A-TRIM - IE2416ML12 - 1" WIDE
BA-3	EXTRUDE-A-TRIM - IE1213 - 3/4" WIDE ANODIZED
BA-4	SCHLUTER - "JOLLY" - ANODIZED ALUMINUM
BASE	
B-1	#57897: CMC MOKA MATTE - 4 X 8 COVE BASE
B-2	ROPPE (RUBBER BASE) P-110 BROWN 6" W/ STANDARD TOE PROFILE
FT-6	CREATIVE MATERIALS: 6X6 COVE BASE
PAINT	
PNT-1	BENJAMIN MOORE: HC-93 "CARRINGTON BEIGE" EGGSHELL
PNT-2	BENJAMIN MOORE: HC-68 "MIDDLEBURY BROWN" EGGSHELL
PNT-3	SHERWIN WILLIAMS: SW6321 "RED BAY" EGGSHELL
WALL FINISHES	
FRP-1	MARLITE P-100 PEBBLE FINISH WHITE
STS	STAINLESS STEEL
WC-1	WOLF GORDON
WT-1	#57899: CMC 21PC90 - CARAMEL GLOSS - 4 X 12
WT-2	#57898: CMC 21PC89 - MOKA GLOSSY - 4 X 12
WT-3	#57902: CMC TAUPE LINEN - 6 X 24
WT-4	#53032: CMC 21PP90 - CARAMEL MATTE - 4 X 12
WT-5	#50137: CMC SPICY RED PEPPER BULLNOSE - 4.25 X 4.25

ARCHITECT
TO REPLACE
WITH LOGO

ARCHITECT NAME

ARCHITECT ADDRESS, SUITE XXX
CITY, STATE ZIP CODE
PHONE: (XXX) XXX-XXXX
FAX: (XXX) XXX-XXXX
EMAIL: ARCHITECT@EMAIL.COM
CONTACT NAME

CONSULTANT:

I HEREBY CERTIFY THAT THE PORTION OF THIS TECHNICAL SUBMISSION
PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND
RESPONSIBLE CHARGE, IS A TRUE AND CORRECT REPRESENTATION
OF THE WORK DONE BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION
AND RESPONSIBLE CHARGE, IN ACCORDANCE WITH THE LAWS OF THE STATE OF TEXAS.

XX-XX-XXXX
DATE ISSUED
XX-XX-XXXX
REG. NO.

NAME OF ARCHITECT
TYPED OR PRINTED NAME

SIGNATURE

SHEETS COVERED BY THIS SEAL

A300
A104
A105
A400
A401
A201
A103

ARCHITECT
TO REPLACE
WITH SEAL

SEAL:

smashburger
EXAMPLE PROJECT 3.1
12345 EXAMPLE STREET
SUITE 123
CITY, STATE 98765

SHEET TITLE:
INTERIOR
ELEVATIONS

XX-XX-XXXX

REVISIONS:

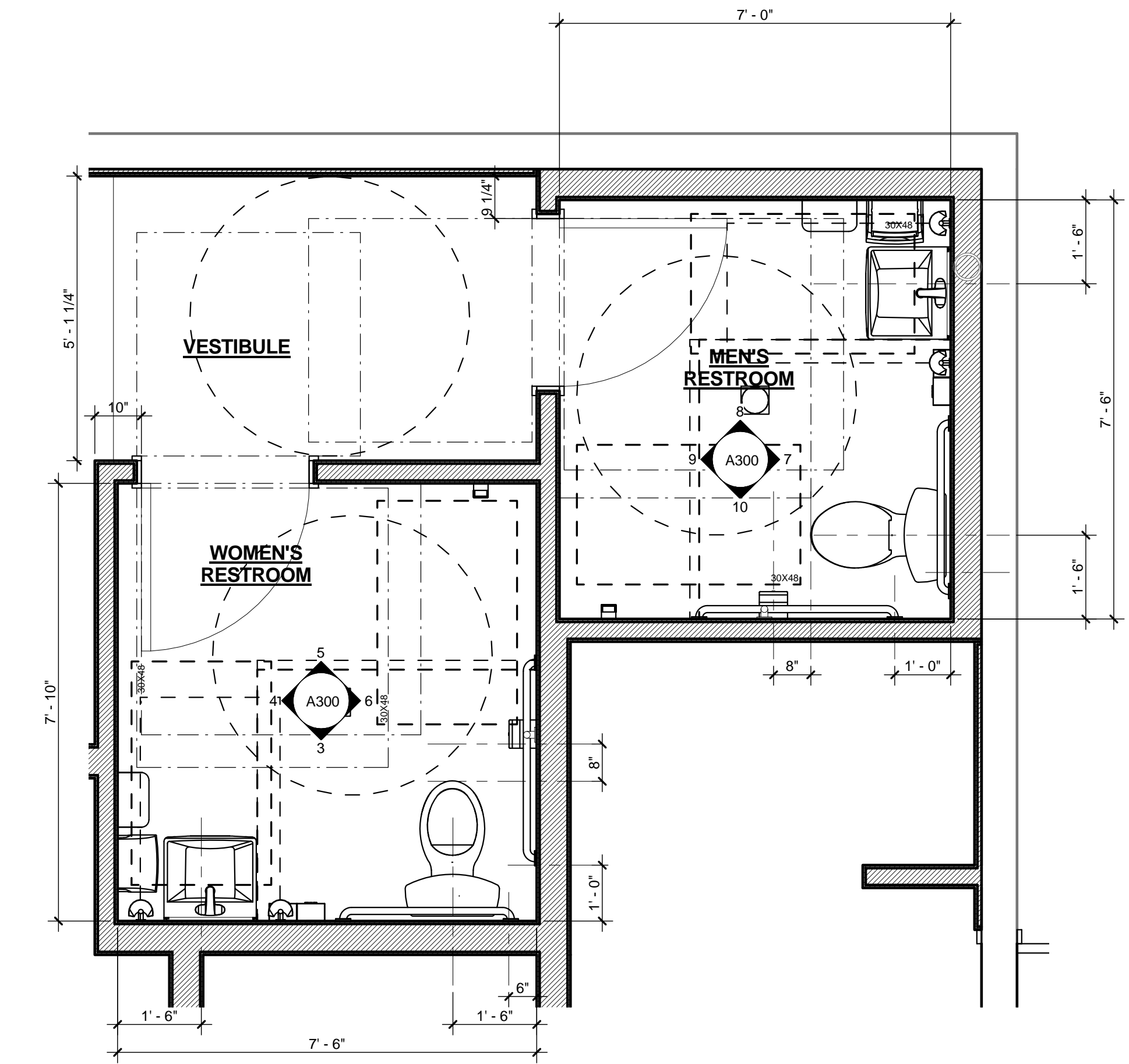
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PROJECT NO: XXXXXX

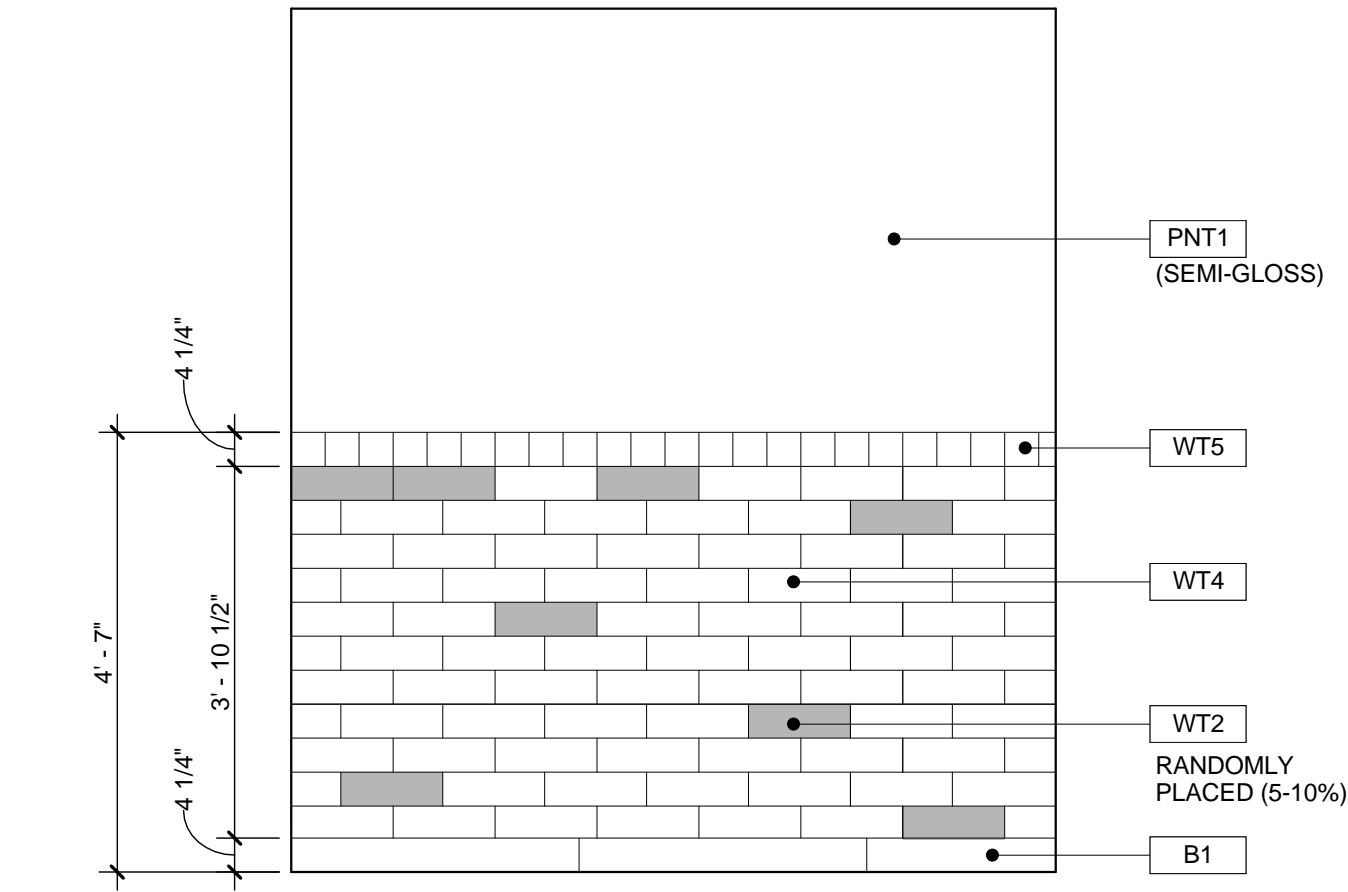
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A201

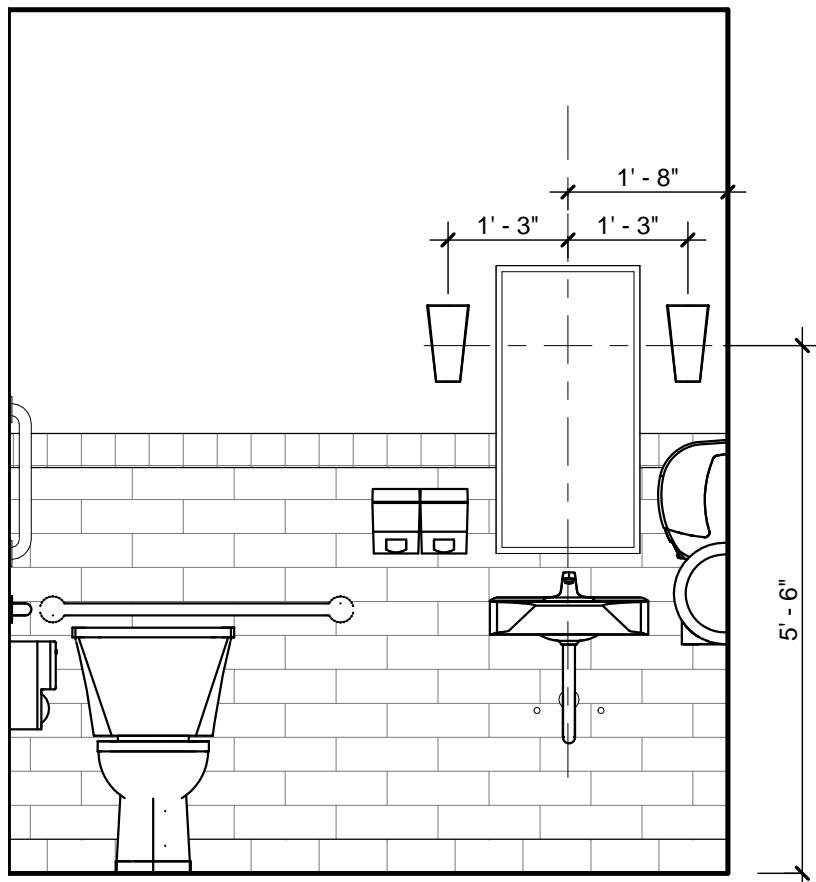
COPYRIGHT C.M. ARCHITECTURE, P.A. 2013



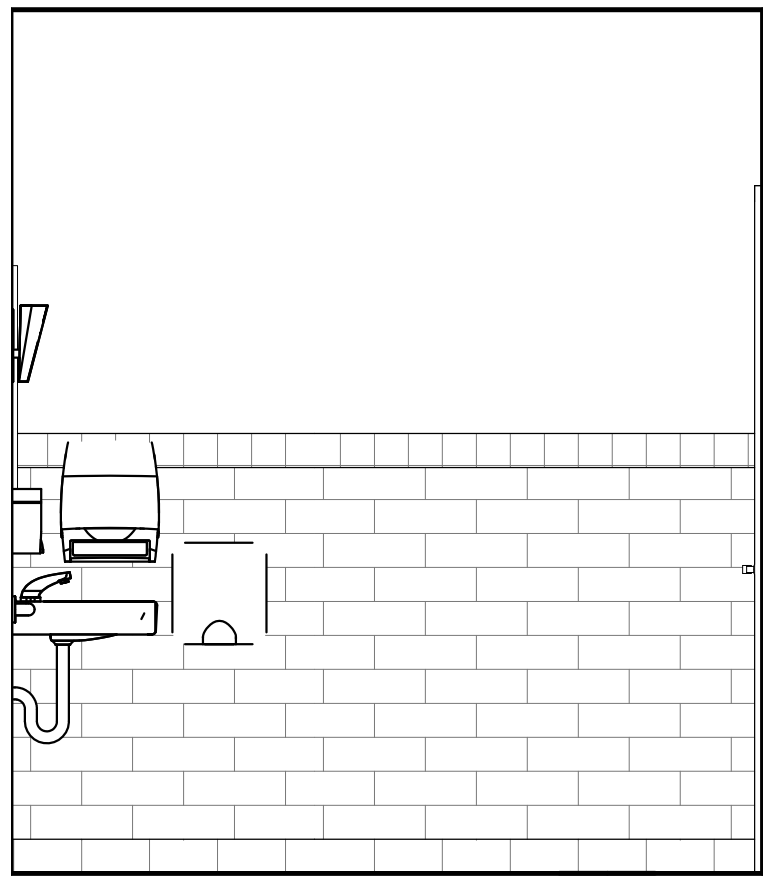
1 ENLARGED RESTROOM PLAN
A300 SCALE: 1/2" = 1'-0"



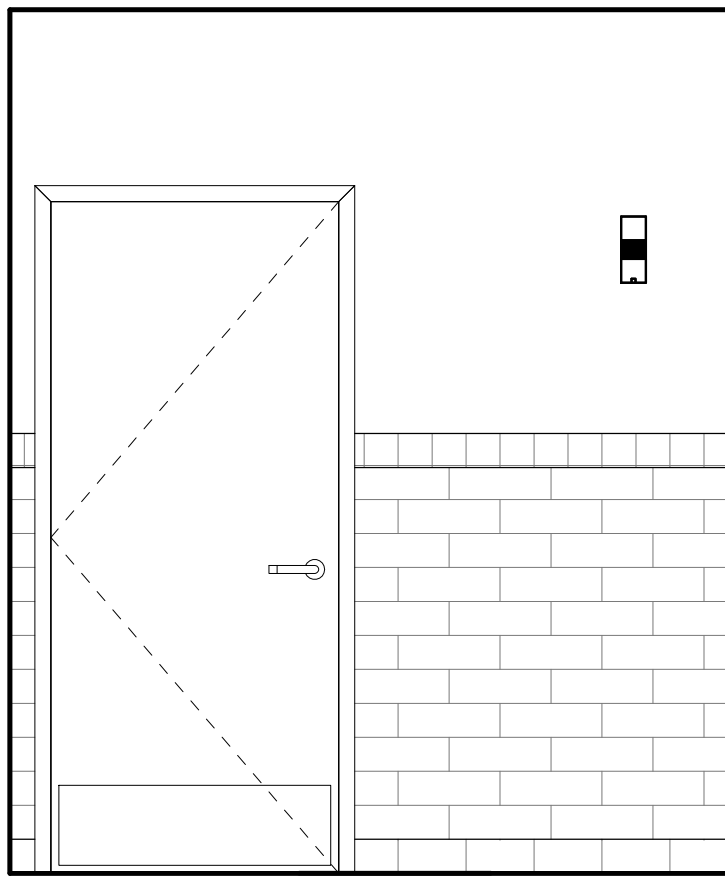
2 EXAMPLE ELEVATION - RESTROOM WALL FINISHES
A300 SCALE: 1/2" = 1'-0"



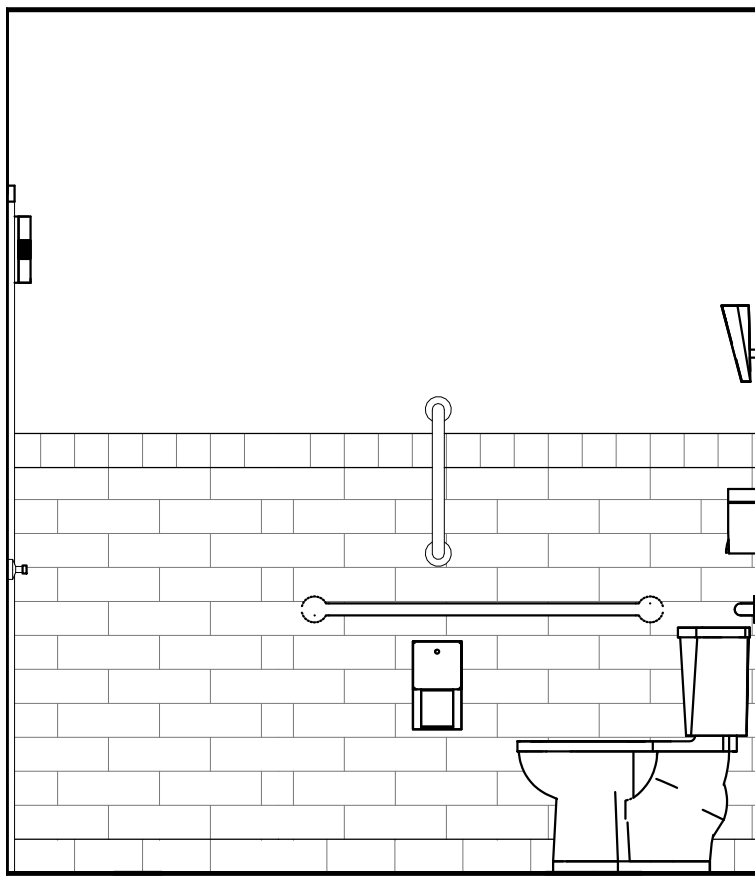
3 ELEV @ WOMEN'S FRONT
A300 SCALE: 1/2" = 1'-0"



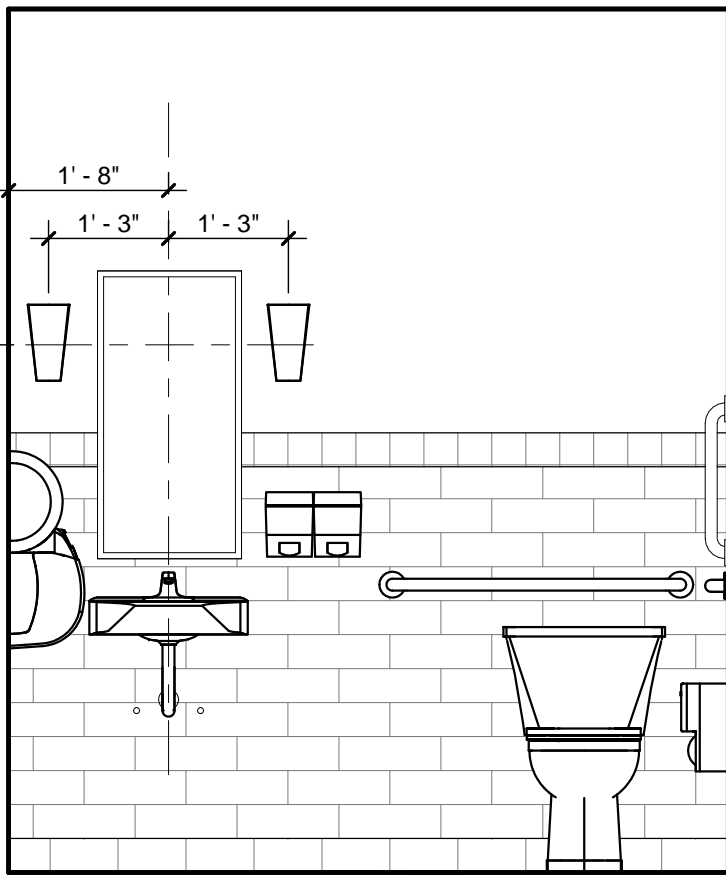
4 ELEV @ WOMEN'S LAVATORY SIDE
A300 SCALE: 1/2" = 1'-0"



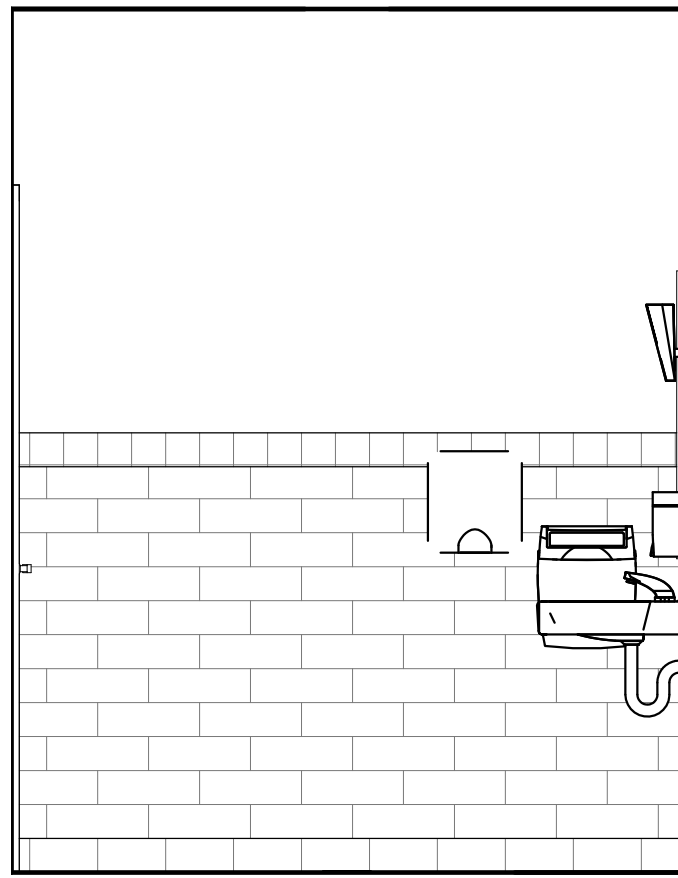
5 ELEV @ WOMEN'S DOOR
A300 SCALE: 1/2" = 1'-0"



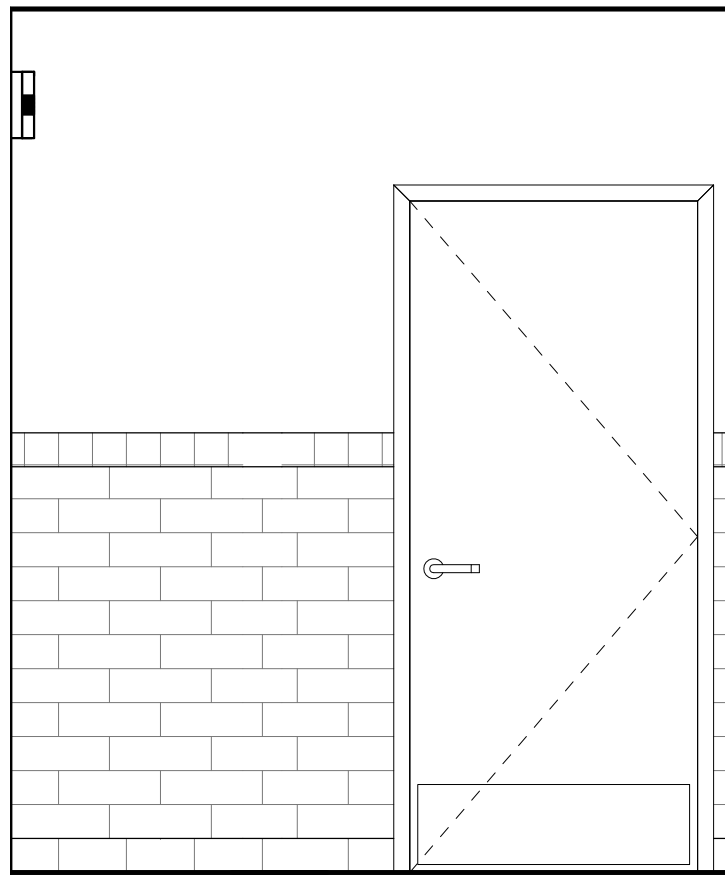
6 ELEV @ WOMEN'S WATER CLOSET SIDE
A300 SCALE: 1/2" = 1'-0"



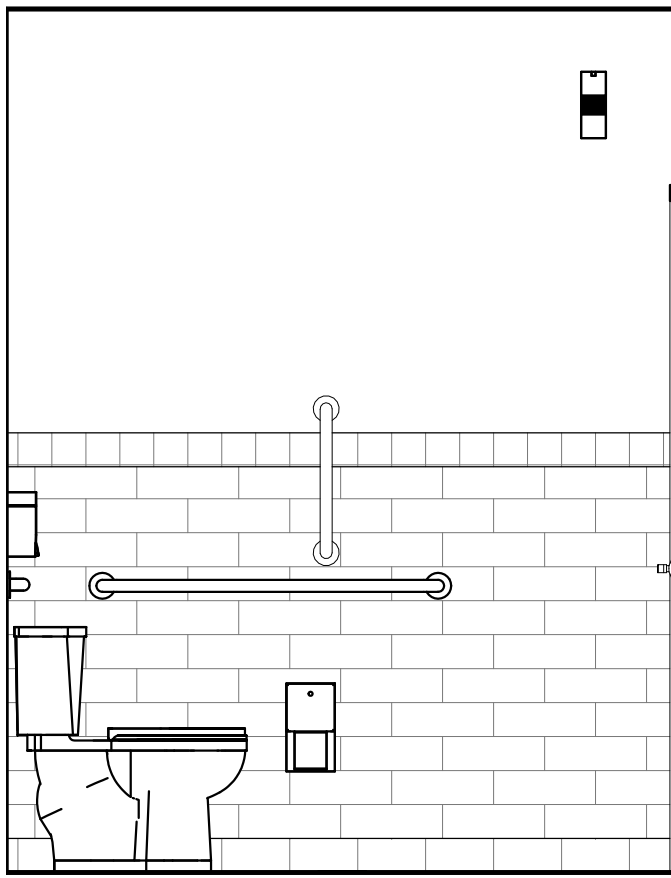
7 ELEV @ MEN'S FRONT
A300 SCALE: 1/2" = 1'-0"



8 ELEV @ MEN'S LAVATORY SIDE
A300 SCALE: 1/2" = 1'-0"



9 ELEV @ MEN'S DOOR
A300 SCALE: 1/2" = 1'-0"



10 ELEV @ MEN'S WATER CLOSET SIDE
A300 SCALE: 1/2" = 1'-0"

GENERAL NOTES

- REFER TO FINISH TYP SCHEDULE ON SHEET A1.02 FOR INFORMATION ON FINISHES.
- GC TO PROVIDE AND INSTALL ADA RESTROOM SIGNAGE AS REQUIRED BY LOCAL CODE. REFER TO THIS SHEET FOR MINIMUM REQUIREMENTS.
- REFER TO PLUMBING SHEETS FOR FULL PLUMBING, EQUIPMENT AND ACCESSORY SCHEDULES.
- REFER TO FLOOR PLAN FOR BLOCKING REQUIREMENTS.
- GC TO ENSURE ALL ACCESSORIES ARE INSTALLED TO MEET ADA REQUIREMENTS.

KEYED NOTES

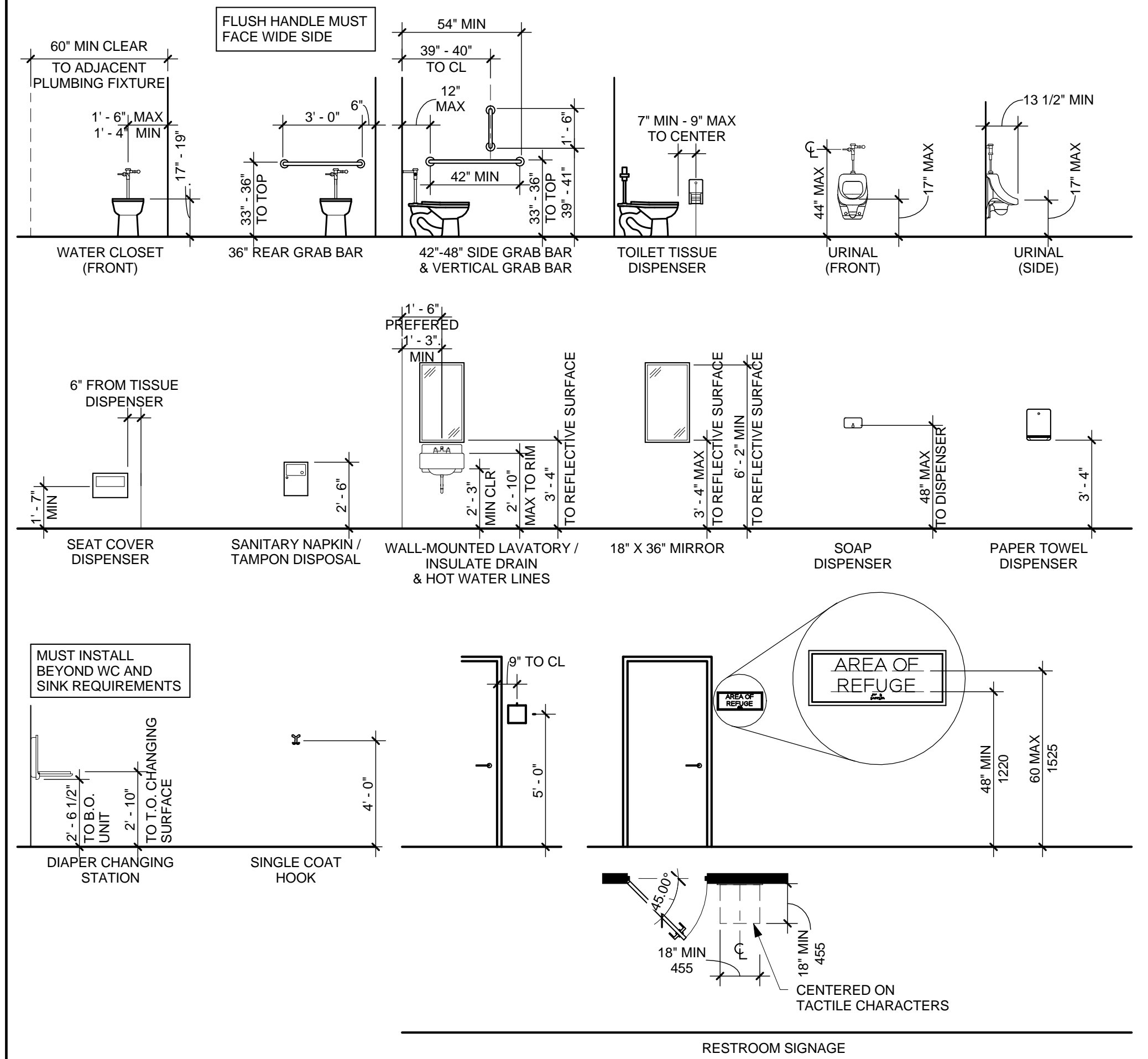
- 5'-0" ADA WHEEL TURNING SPACE
- 30"x48" CLEAR FLOOR SPACE
- 60"x54" CLEAR FLOOR SPACE
- REFER TO DETAIL 2 OF THIS SHEET FOR FINISHES
- RESTROOM WALL SCONCE, REFER TO ELECTRICAL SHEETS.

RESTROOM ACCESSORY SCHEDULE

ITEM NO.	QTY	MANUFACTURER	DESCRIPTION	PROVIDED BY	INSTALLED BY	NOTES
TA-100	2	BOBRICK WASHROOM EQUIPMENT, INC.	TOILET TISSUE DISPENSER	OWNER	GC	
TA-101	1	BOBRICK WASHROOM EQUIPMENT, INC.	36in GRAB BAR	GC	GC	
TA-102	1	BOBRICK WASHROOM EQUIPMENT, INC.	42in GRAB BAR	GC	GC	
TA-103	2	BOBRICK WASHROOM EQUIPMENT, INC.	18x36 MIRROR	GC	GC	
TA-104	2	BOBRICK WASHROOM EQUIPMENT, INC.	AUTOMATIC PAPER TOWEL DISPENSER	OWNER	GC	
TA-105A	2	BOBRICK WASHROOM EQUIPMENT, INC.	SOAP DISPENSER	OWNER	GC	
TA-105B	2	BOBRICK WASHROOM EQUIPMENT, INC.	SOAP DISPENSER	OWNER	GC	
TA-109	2	TBD	SCENT DISPENSER	OWNER	GC	
TA-110	2	EXCEL DRYER, INC.	AUTOMATIC HAND DRYER	OWNER	GC	
TA-111	2	BOBRICK WASHROOM EQUIPMENT, INC.	18" GRAB BAR	GC	GC	
TA-112A	1	TBD	RESTROOM SIGN SET ACCESSIBLE	GC	GC	
TA-112B	1	TBD	RESTROOM SIGN SET ACCESSIBLE	GC	GC	

- TOILET PAPER DISPENSER TO BE MOUNTED AT 19" AFF TO CENTERLINE OF HOLDER.
- 1-1/2" DIAMETER STAINLESS STEEL GRAB BAR WITH 1-1/2" CLEARANCE BETWEEN GRAB BAR AND WALL SURFACE. 36" LONG GRAB BAR TO BE MOUNTED AT 36" AFF AND 6" MAXIMUM FROM WALL SURFACE TO CENTER OF MOUNTING BRACKET; PROVIDE WOOD BLOCKING IN WALL AS REQUIRED FOR MOUNTING.
- 1-1/2" DIAMETER STAINLESS STEEL GRAB BAR WITH 1-1/2" CLEARANCE BETWEEN GRAB BAR AND WALL SURFACE. 42" LONG GRAB BAR TO BE MOUNTED AT 36" AFF AND 12" MAXIMUM FROM WALL SURFACE TO CENTER OF MOUNTING BRACKET. PROVIDE WOOD BLOCKING IN WALL AS REQUIRED FOR MOUNTING.
- MIRROR TO BE MOUNTED AT 40" AFF TO BOTTOM OF MIRROR.
- AUTOMATIC PAPER TOWEL DISPENSER TO BE MOUNTED AT 48" AFF TO PAPER TOWEL SLOT.
- SOAP DISPENSERS TO BE MOUNTED AT 48" AFF TO CENTERLINE OF DISPENSING UNIT.
- HAND SANITIZER DISPENSER TO BE MOUNTED AT 48" AFF TO CENTERLINE OF DISPENSING UNIT.
- SCENT DISPENSER TO BE MOUNTED AT 6'-7" AFF.
- HAND DRYER TO BE MOUNTED AT 40" AFF TO BOTTOM OF DRYER.
- BABY CHANGING TABLE TO BE MOUNTED AT 48" AFF TO LATCH.

RESTROOM ACCESSORY



ARCHITECT
TO REPLACE
WITH LOGO

ARCHITECT NAME
ARCHITECT ADDRESS, SUITE XXX
CITY, STATE ZIP CODE
PHONE: (XXX) XXX-XXXX
FAX: (XXX) XXX-XXXX
EMAIL: ARCHITECT@EMAIL.COM
CONTACT NAME

CONSULTANT:

I HEREBY CERTIFY THAT THE PORTION OF THIS TECHNICAL SUBMISSION
SUBMITTED FOR REVIEW AND APPROVAL BY THE ARCHITECT IS THE
SUPERVISOR'S AND RESPONSIBLE CHARGE. I AM A DULY REGISTERED
ARCHITECT UNDER THE LAWS OF THE STATE OF TEXAS.

NAME OF ARCHITECT
TYPED OR PRINTED NAME
SIGNATURE
SHEETS COVERED BY THIS SEAL
G001 A100 A104 A300
G002 A101 A105 A400
G003 A102 A200 A401
A001 A103 A201

ARCHITECT
TO REPLACE
WITH SEAL

SEAL:



SHEET TITLE:
RESTROOM PLAN
AND ELEVATIONS

XX-XX-XXXX

REVISIONS:

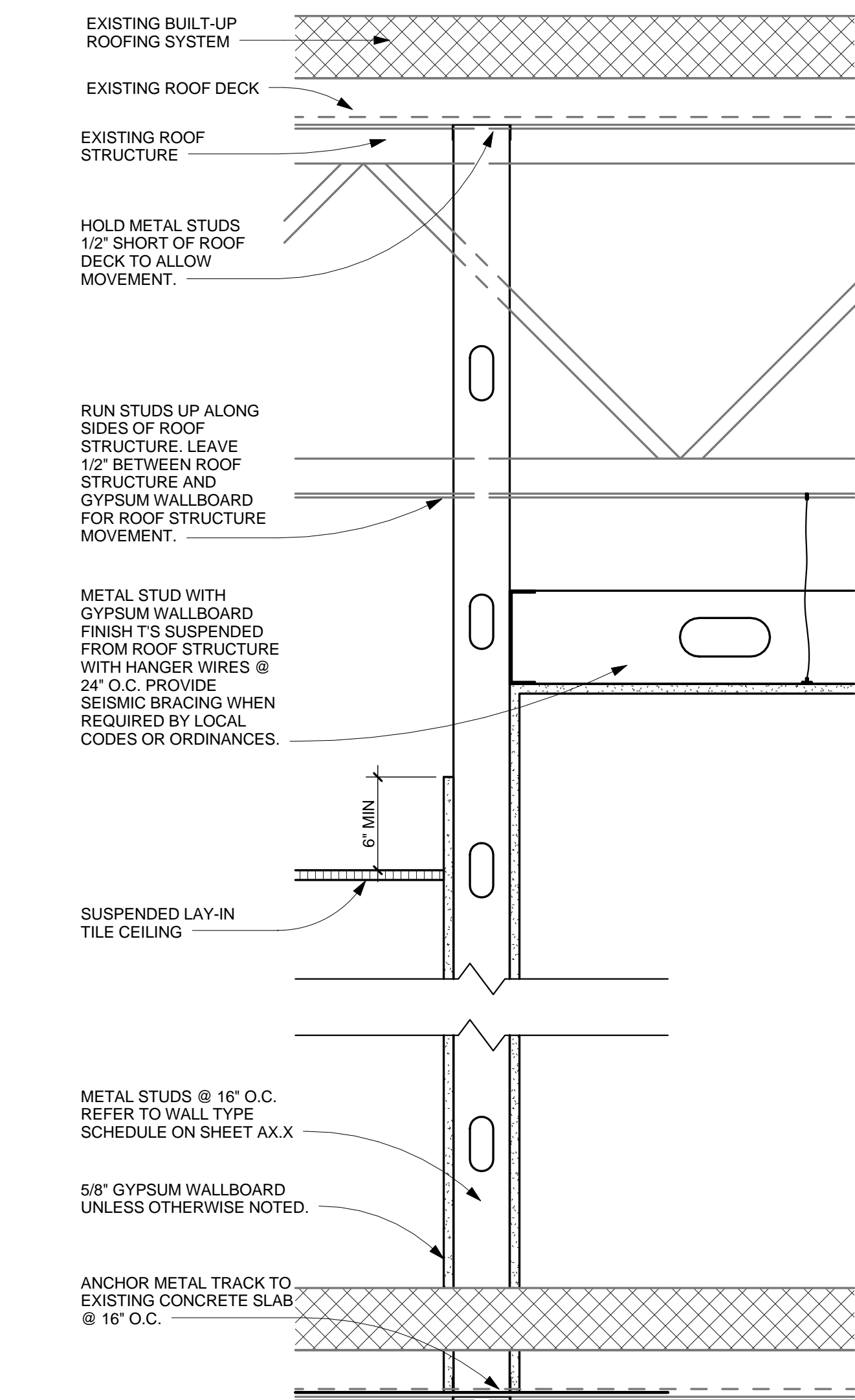
NO.	DATE:	BY:	DESCRIPTION:

PROJECT NO: XXXXXX

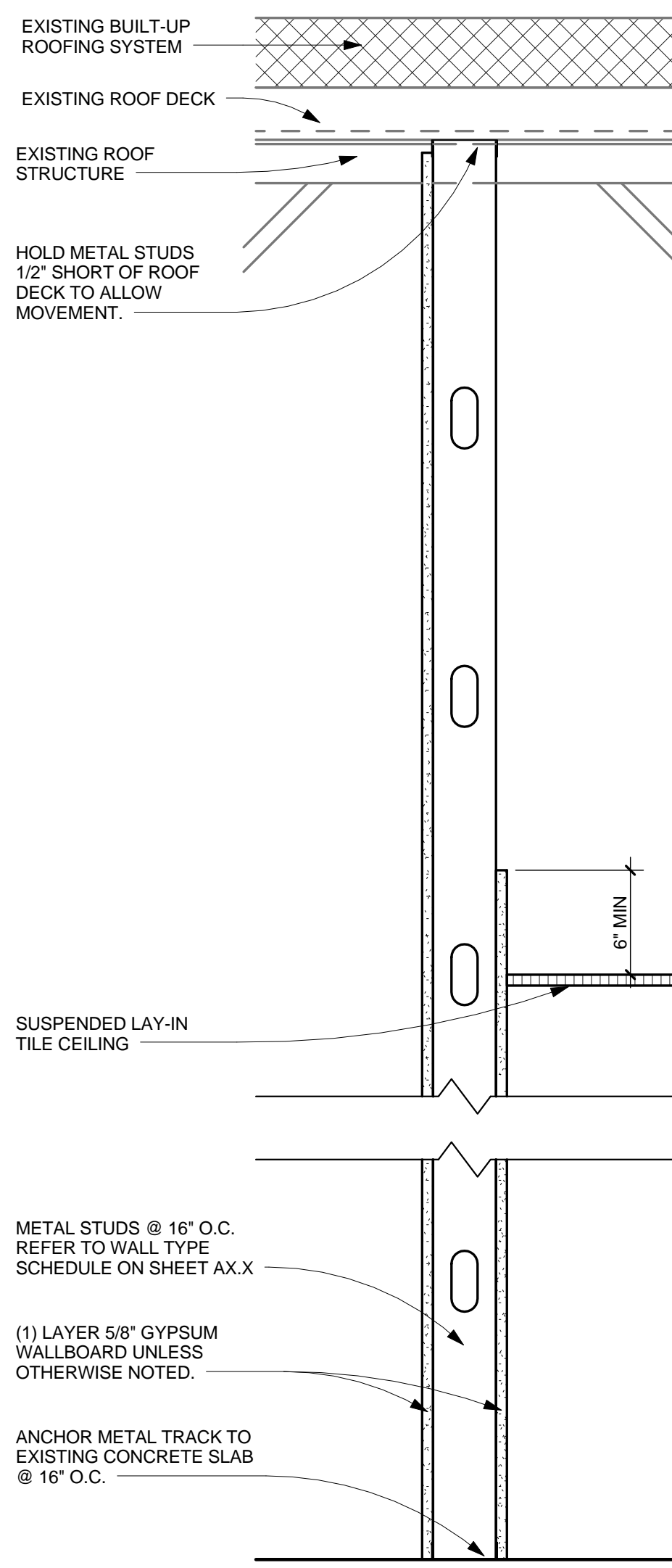
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A300

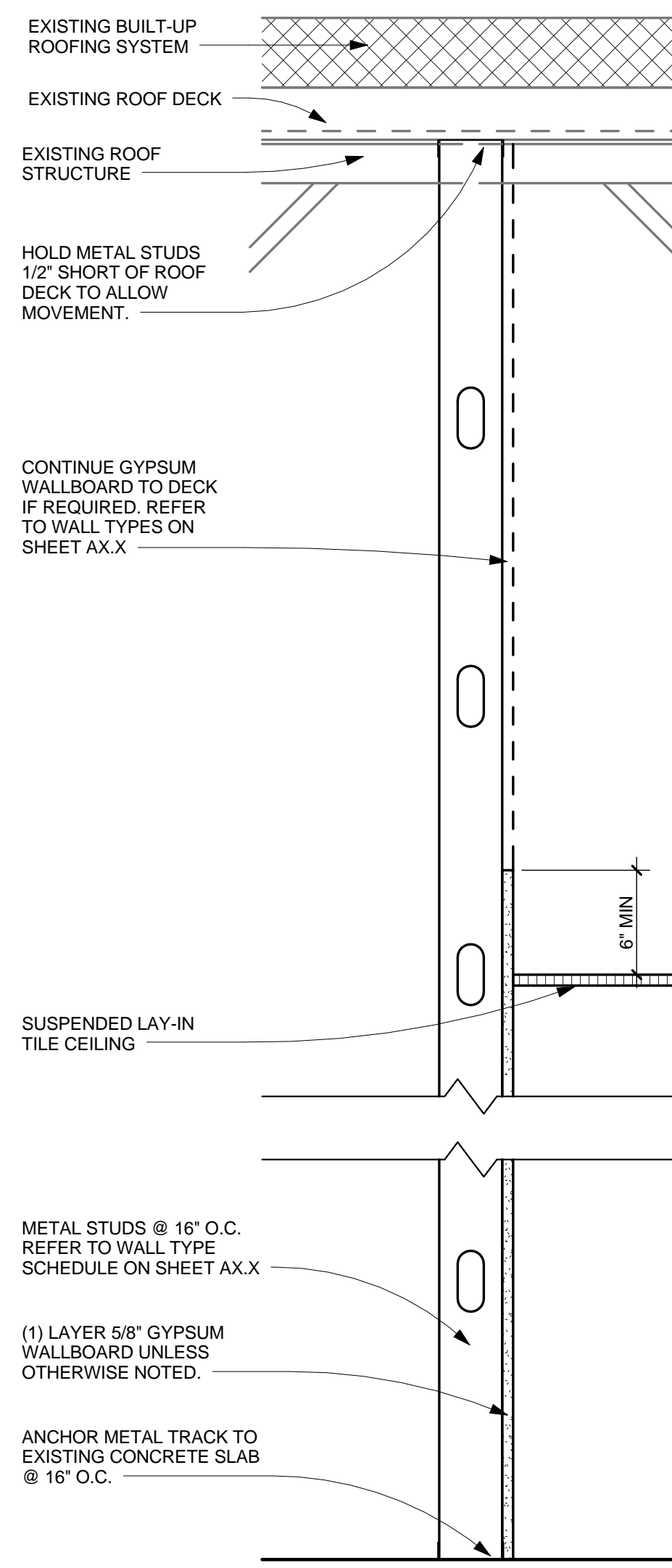
COPYRIGHT C.M. ARCHITECTURE, P.A. 2013



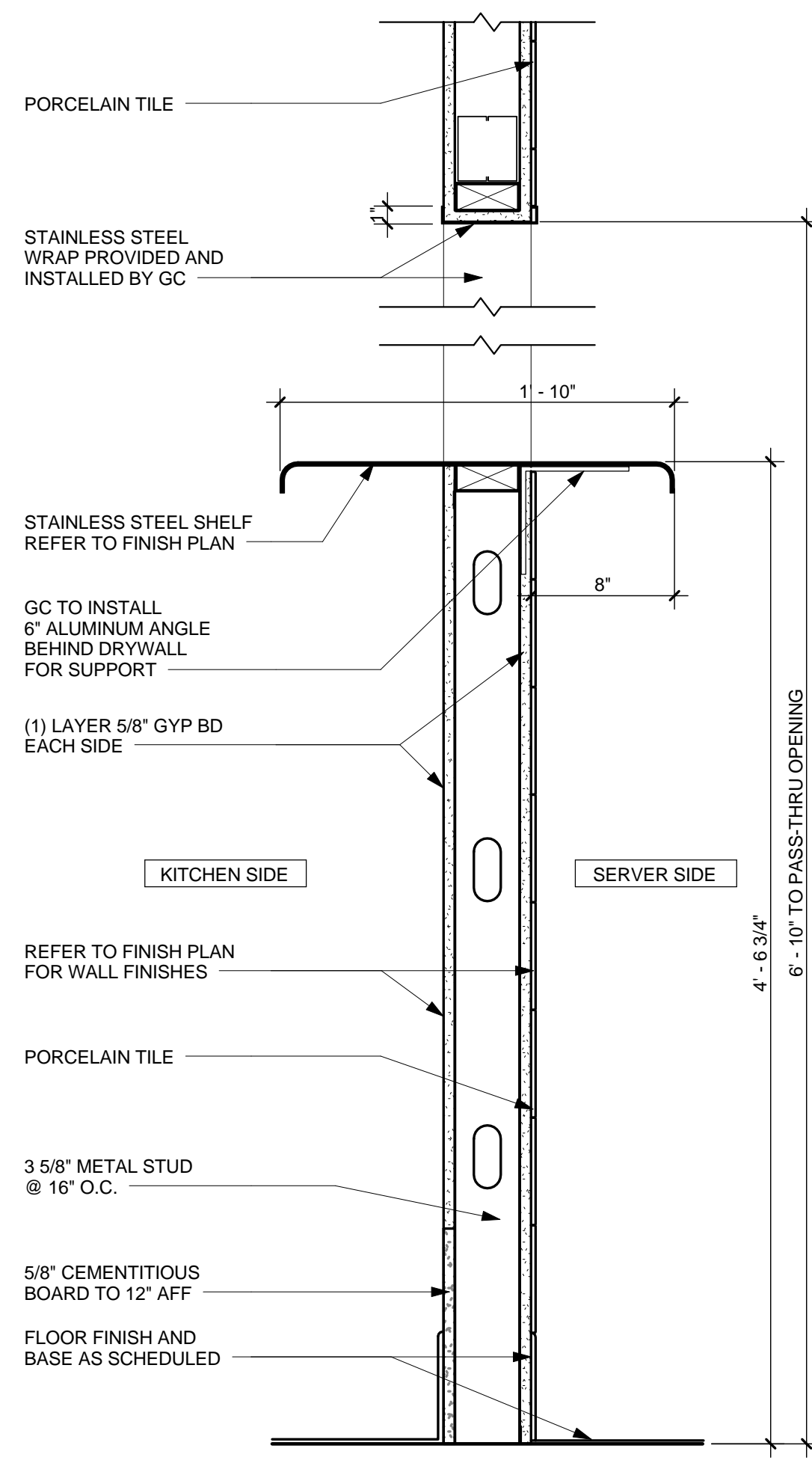
1 DETAIL @ FULL HEIGHT WALL
A400 SCALE: 1 1/2" = 1'-0"



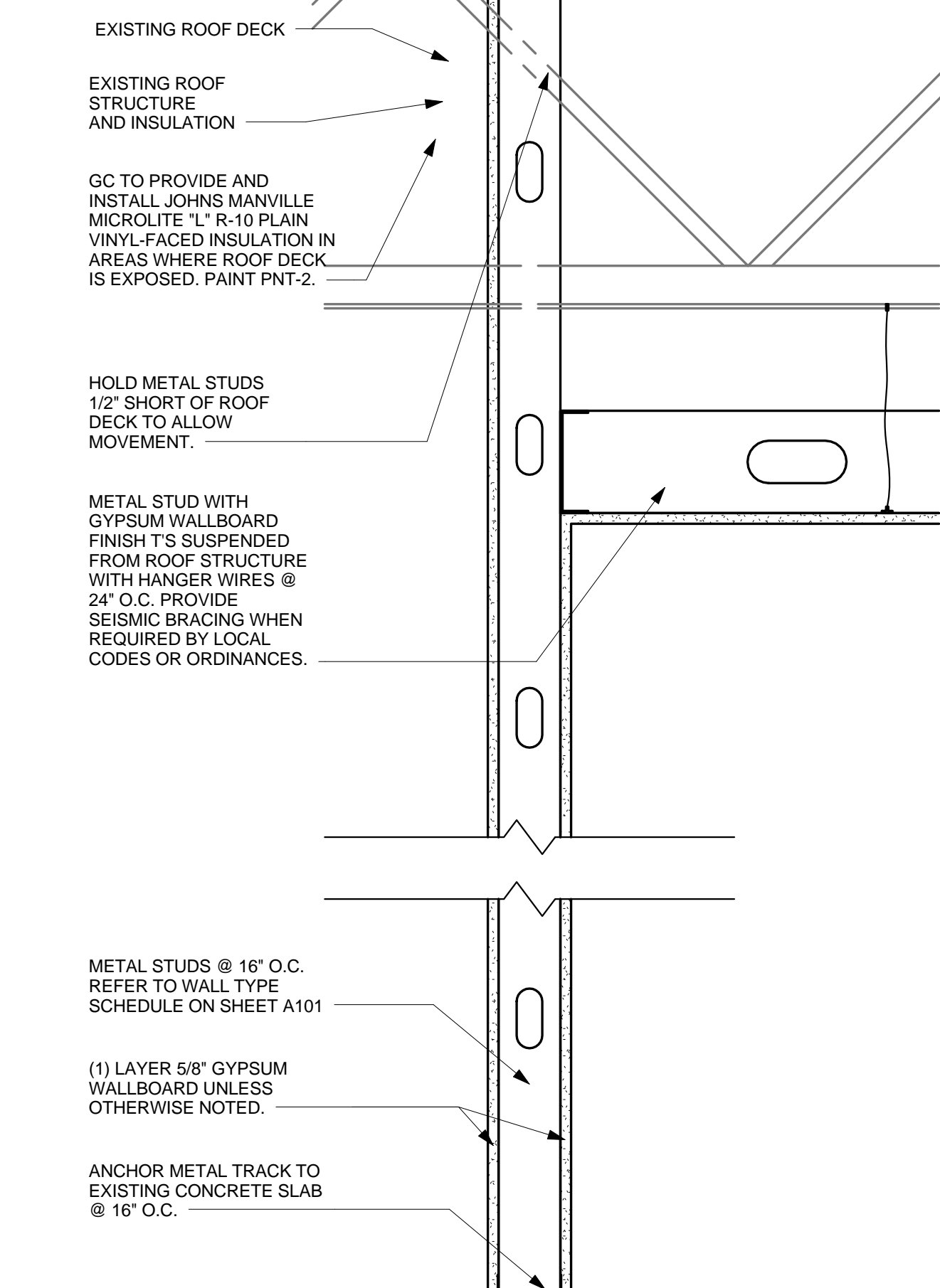
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A400 SCALE: 1 1/2" = 1'-0"



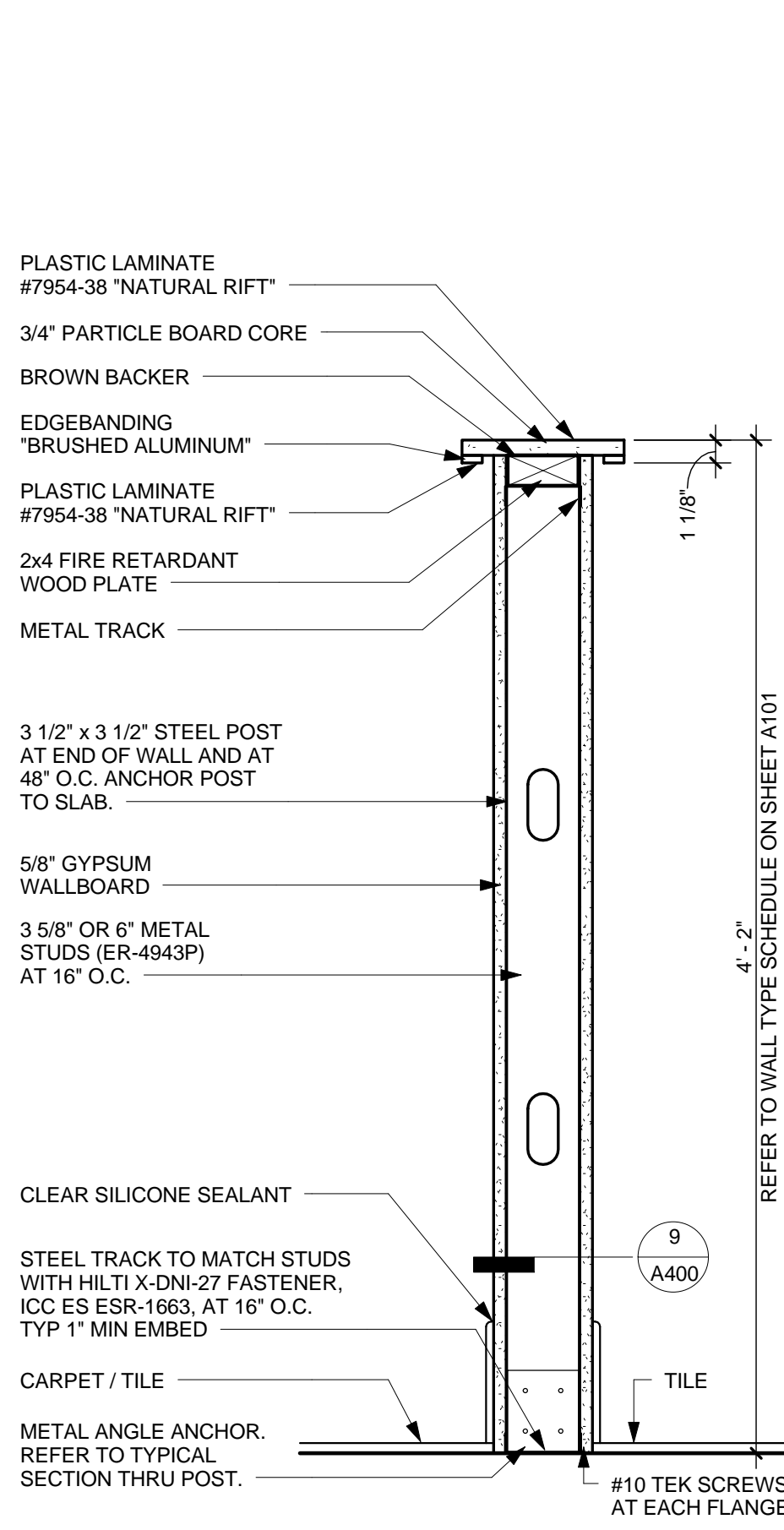
3 DETAIL @ FULL HEIGHT WALL
A400 SCALE: 1 1/2" = 1'-0"



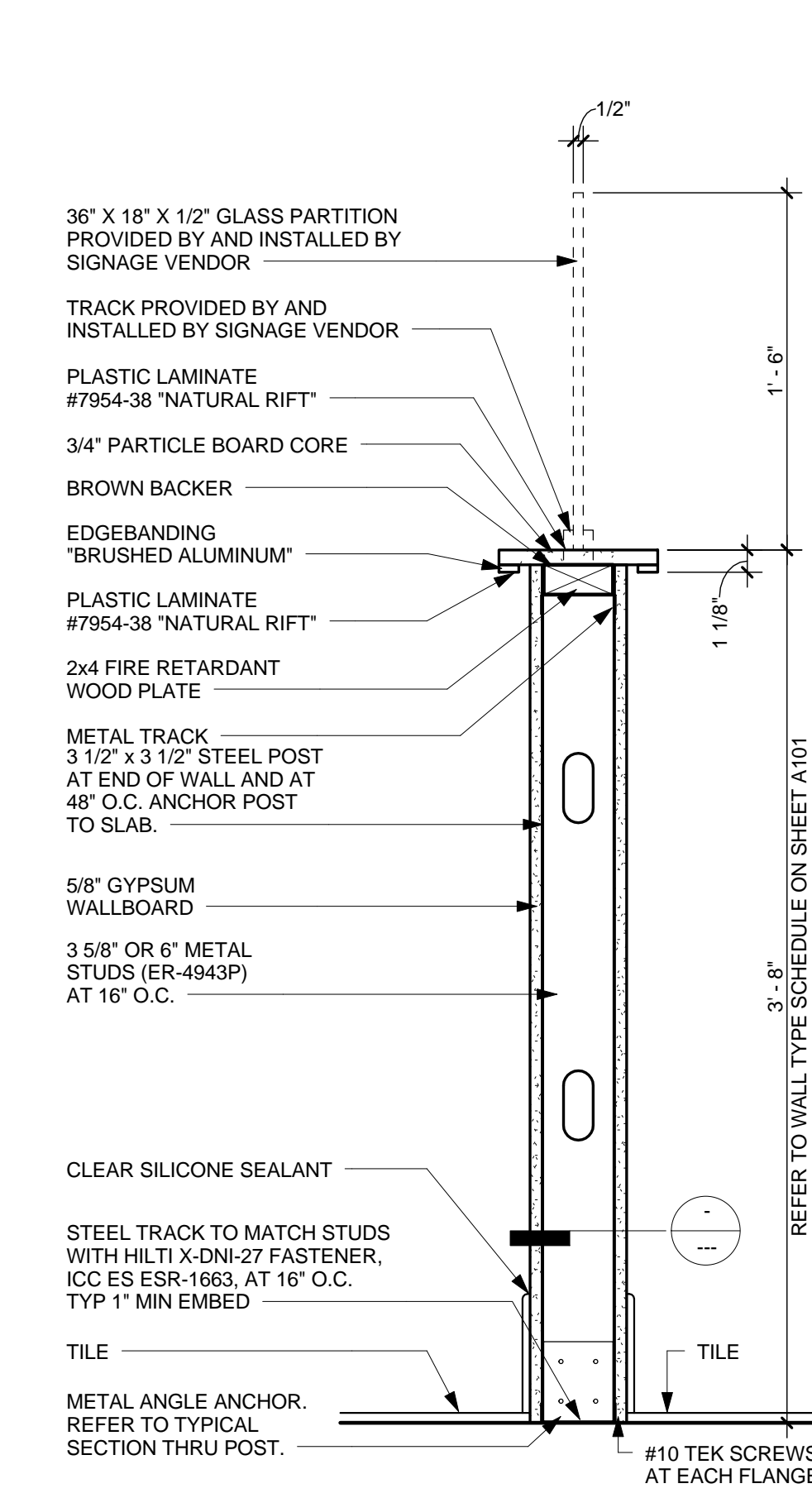
4 DETAIL @ PASS-THRU SECTION - FULL HEIGHT WALL
A400 SCALE: 1 1/2" = 1'-0"



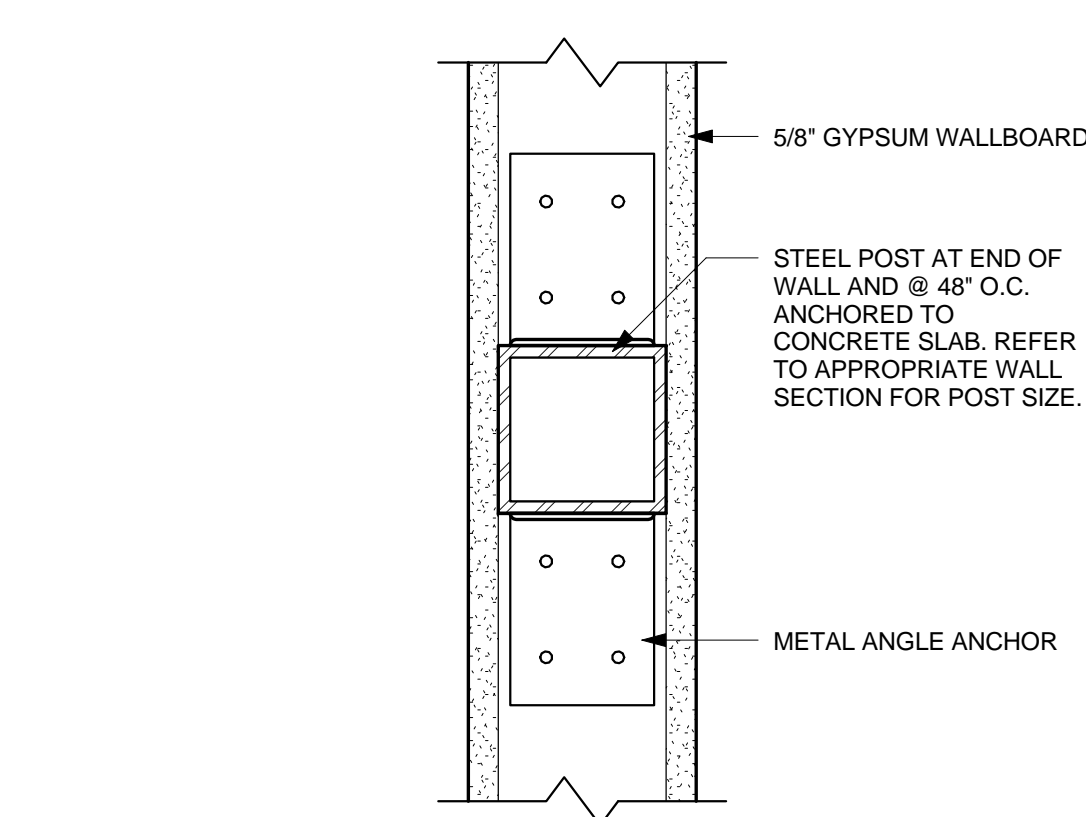
10 DETAIL @ FULL HEIGHT WALL
A400 SCALE: 1 1/2" = 1'-0"



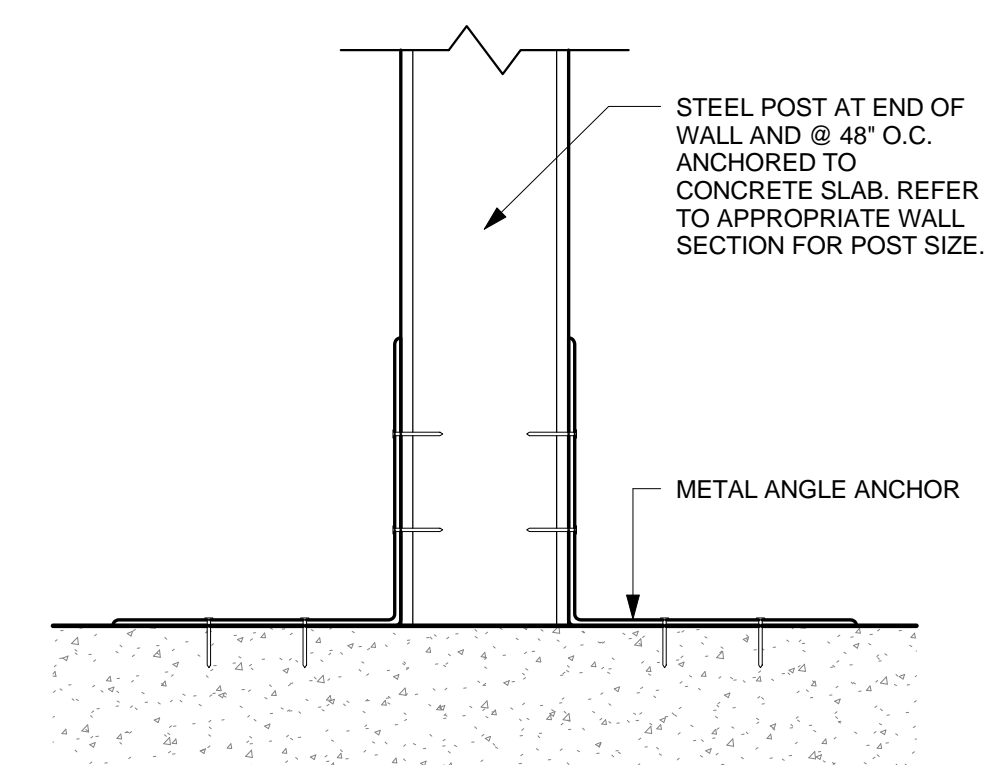
6A DETAIL @ PARTIAL HEIGHT WALL
A400 SCALE: 1 1/2" = 1'-0"



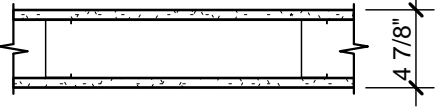
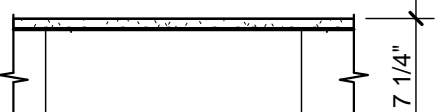
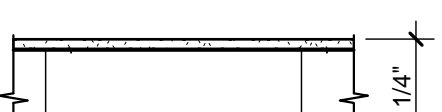
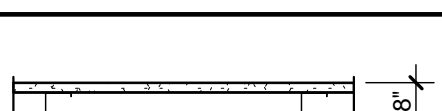
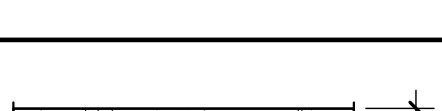
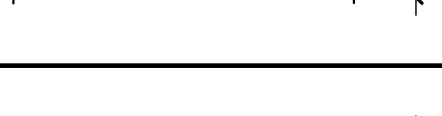
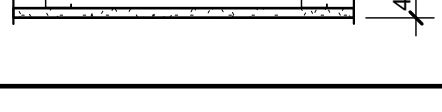
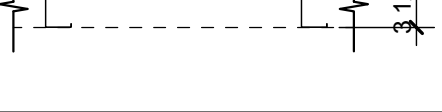
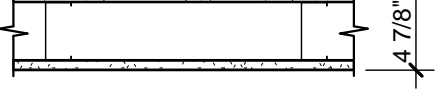
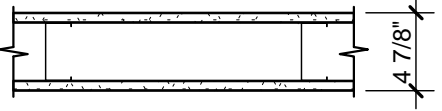
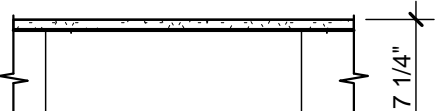
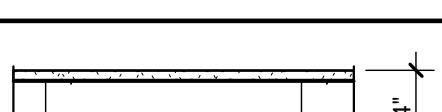
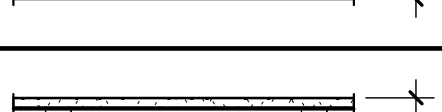
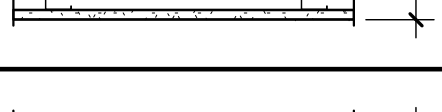
6B DETAIL @ QUEUING PARTIAL HEIGHT WALL
A400 SCALE: 1 1/2" = 1'-0"



7 PLAN DETAIL @ POST
A400 SCALE: 3" = 1'-0"

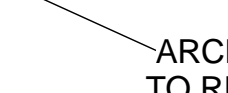


9 TYPICAL SECTION THRU POST
A400 SCALE: 3" = 1'-0"

INTERIOR PARTITION LEGEND		
TYPE	PLAN	DESCRIPTION
A		3 5/8" x 20 GA METAL STUDS @ 16" OC TO DECK WITH 5/8" TYPE 'X' GYP BD ON BOTH SIDES TO MIN 6" ABOVE CEILING.
B		6" x 20 GA METAL STUDS @ 16" OC TO DECK WITH 5/8" TYPE 'X' GYP BD ON BOTH SIDES TO MIN 6" ABOVE CEILING.
C		6" x 20 GA METAL STUDS @ 16" OC TO DECK WITH 5/8" TYPE 'X' GYP BD ON ONE SIDE TO DECK AND 5/8" TYPE 'X' GYP BD ON OTHER SIDE TO MIN 6" ABOVE CEILING.
D		3 5/8" x 20 GA METAL STUDS @ 16" OC TO DECK WITH 5/8" TYPE 'X' GYP BD ON ONE SIDE TO DECK AND 5/8" TYPE 'X' GYP BD ON OTHER SIDE TO MIN 6" ABOVE CEILING.
E		3 5/8" x 20 GA METAL STUDS @ 16" OC TO DECK WITH 5/8" TYPE 'X' GYP BD ON ONE SIDE TO DECK AND 5/8" TYPE 'X' GYP BD ON OTHER SIDE TO GYP BD CEILING.
F		3 5/8" x 20 GA METAL STUDS @ 16" OC TO DECK WITH 5/8" TYPE 'X' GYP BD ON BOTH SIDES TO GYP BD CEILING.
G		2 1/2" x 20 GA METAL STUDS @ 16" OC WITH 5/8" TYPE 'X' GYP BD ON ONE SIDE TO MIN 6" ABOVE CEILING.
H		3 5/8" x 20 GA METAL STUDS @ 16" OC TO DECK WITH 5/8" TYPE 'X' GYP BD ON ONE SIDE TO MIN 6" ABOVE CEILING AND 5/8" TYPE 'X' GYP BD ON OTHER SIDE TO GYP BD CEILING.
J		3 5/8" x 20 GA METAL STUDS @ 16" OC WITH 5/8" TYPE 'X' GYP BD ON BOTH SIDES TO SPECIFIED HEIGHT.
K		6" x 20 GA METAL STUDS @ 16" OC TO DECK WITH 5/8" TYPE 'X' GYP BD ON ONE SIDE TO GYP BD CEILING AND 5/8" TYPE 'X' GYP BD ON OTHER SIDE TO MIN 6" ABOVE CEILING.
L		6" x 20 GA METAL STUDS @ 16" OC TO DECK WITH 5/8" TYPE 'X' GYP BD ON BOTH SIDES TO GYP BD CEILING.
M		6" x 20 GA METAL STUDS @ 16" OC TO DECK WITH 5/8" TYPE 'X' GYP BD ON ONE SIDE TO DECK AND 5/8" TYPE 'X' GYP BD ON OTHER SIDE TO GYP BD CEILING.
N		6" x 20 GA METAL STUDS @ 16" OC TO DECK WITH 5/8" TYPE 'X' GYP BD ON ONE SIDE TO GYP BD CEILING.
P		3 5/8" x 20 GA METAL STUDS @ 16" OC TO DECK WITH 5/8" TYPE 'X' GYP BD ON ONE SIDE TO DECK.

LATERAL BRACING SCHEDULE		
PARTITION LENGTH		NUMBER OF BRACES REQUIRED
MINIMUM	MAXIMUM	
0' - 0"	12' - 0"	0
12' - 0"	18' - 0"	1
18' - 0"	24' - 0"	2
	30' - 0"	3

ADD ONE BRACE PER EACH ADDITIONAL 6'-0" OF PARTITION LENGTH.
PROVIDE LATERAL BRACING AT UNSUPPORTED PARTITION ENDS.
PROVIDE LATERAL BRACING FOR ALL PARTITIONS WHICH DO NOT EXTEND TO STRUCTURE.



ARCHITECT NAME

ARCHITECT ADDRESS, SUITE XXX
CITY, STATE ZIP CODE
PHONE: (XXX) XXX-XXXX
FAX: (XXX) XXX-XXXX
EMAIL: ARCHITECT@EMAIL.COM
CONTACT NAME

CONSULTANT:

I HEREBY CERTIFY THAT THE PORTION OF THIS TECHNICAL SUBMISSION
 IDENTIFIED BY THE FOLLOWING INFORMATION IS THE PROPERTY OF THE
 SUPERVISION AND RESPONSIBLE CHARGE (SAR) DULY REGISTERED
 ARCHITECT UNDER THE LAWS OF THE STATE OF TEXAS.

NAME OF ARCHITECT	XX-XX-XXXX
TYPED OR PRINTED NAME	DATE ISSUED
SIGNATURE	XXXXXX
SHEETS COVERED BY THIS SEAL:	REG. NO.

LOCAL:



ARCHITECT
TO REPLACE
WITH SEAL



smashburger

EXAMPLE PROJECT 3.1

12345 EXAMPLE STREET
SUITE 123
CITY, STATE 98765

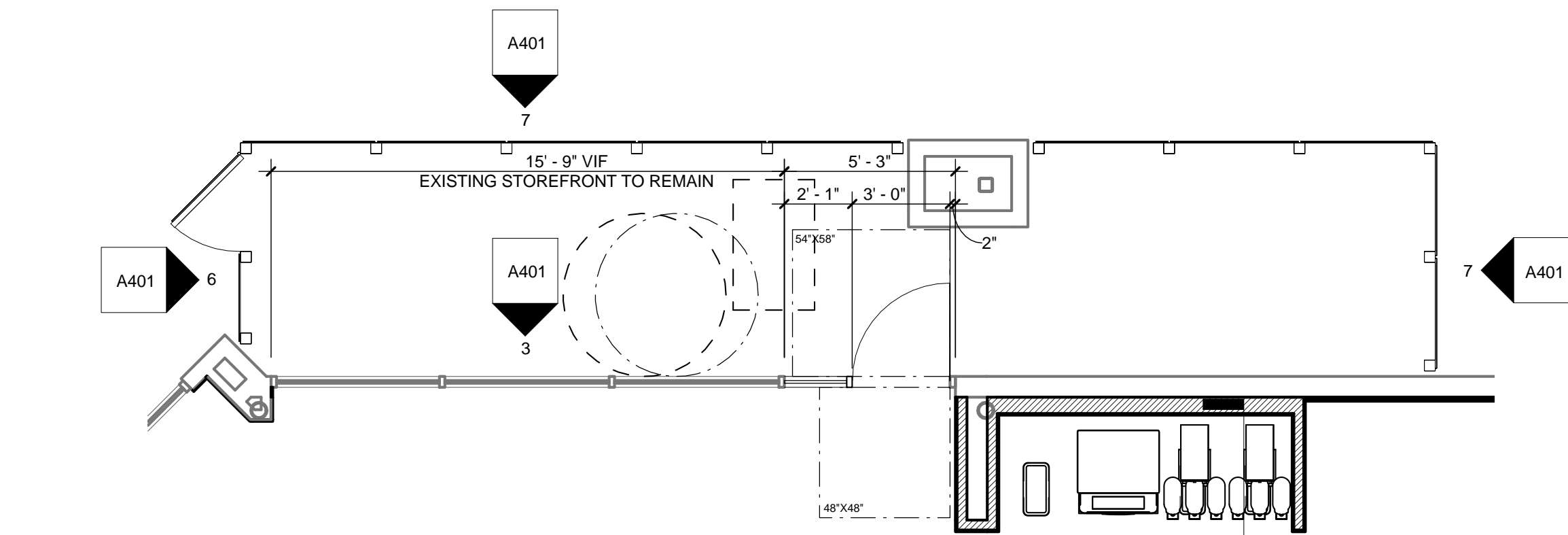
SHEET TITLE:
WALL TYPES AND
DETAILS

XX-XX-XXXX

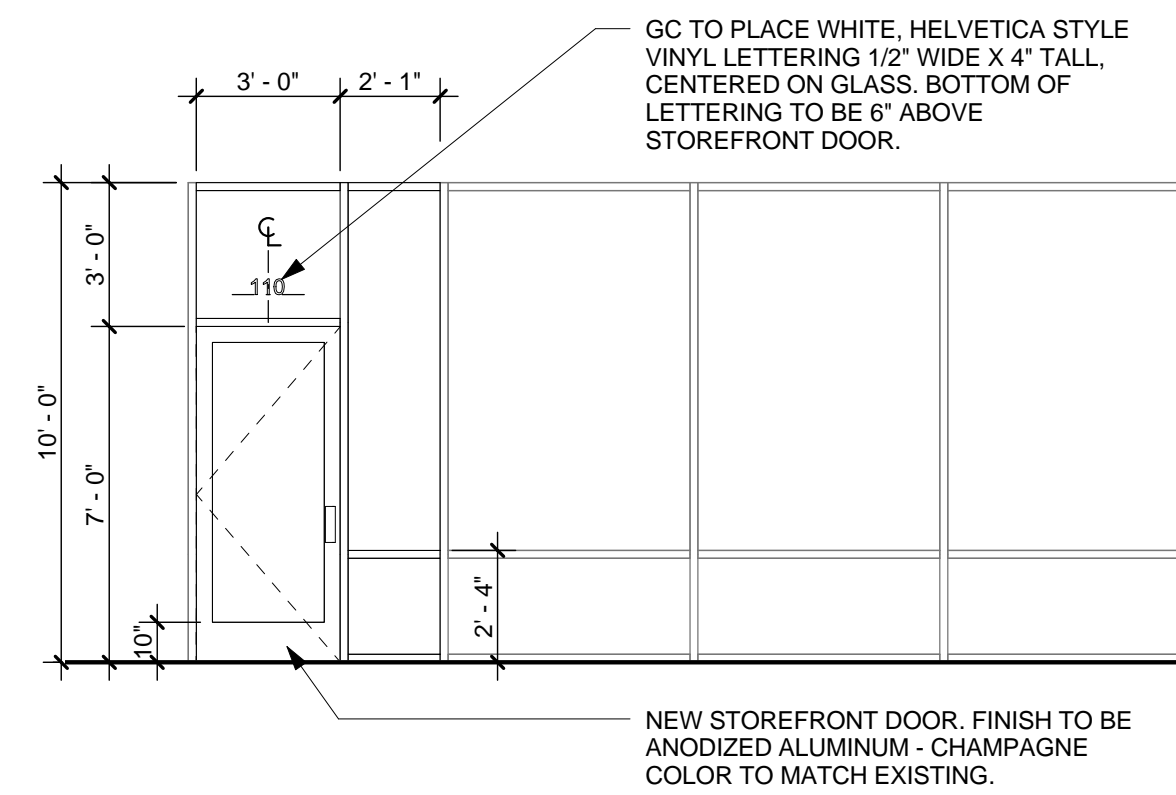
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PROJECT NO:	XXXXXX
DRAWN BY:	ABC

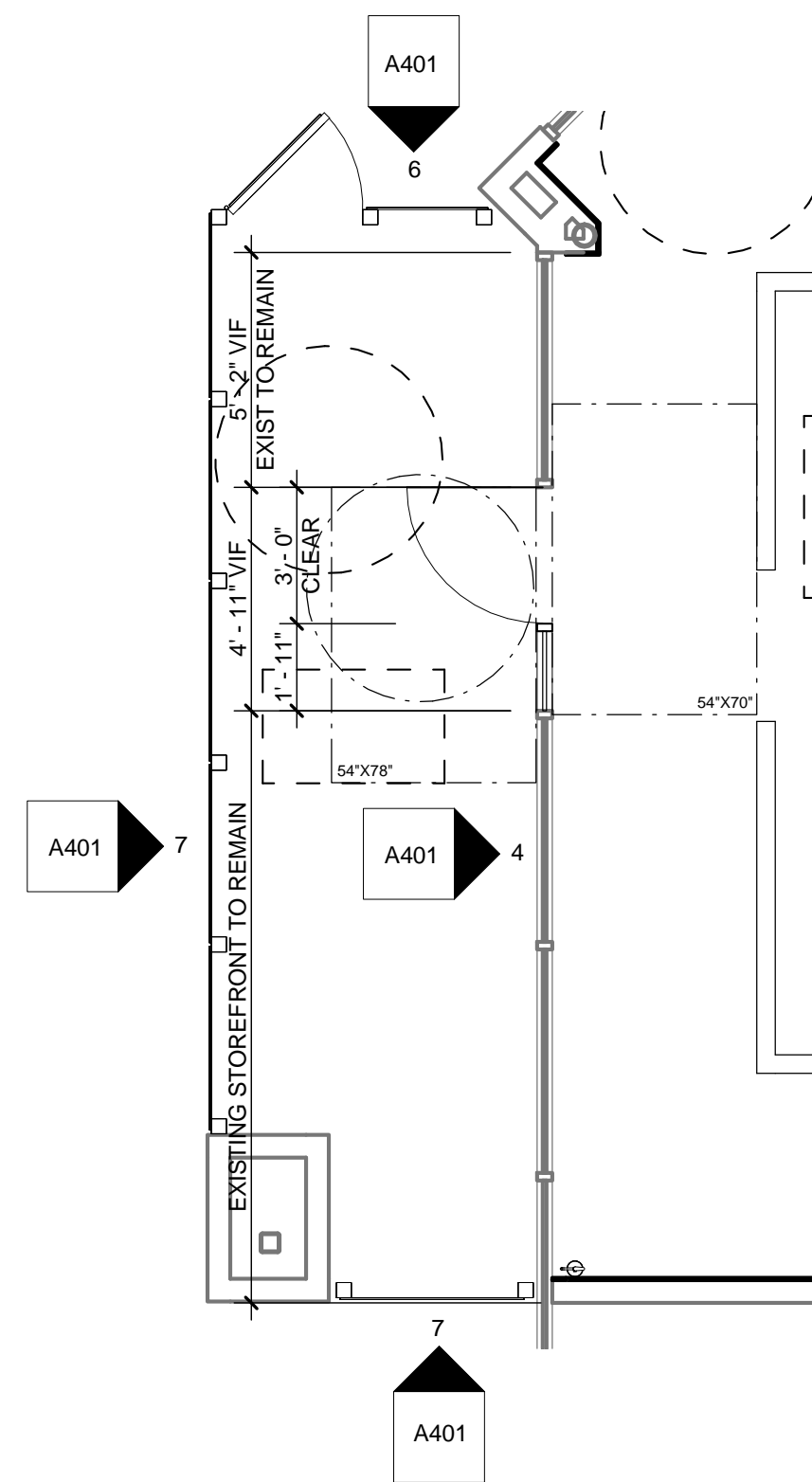
A400



2 PLAN DETAIL @ STOREFRONT
A401 SCALE: 1/4" = 1'-0"

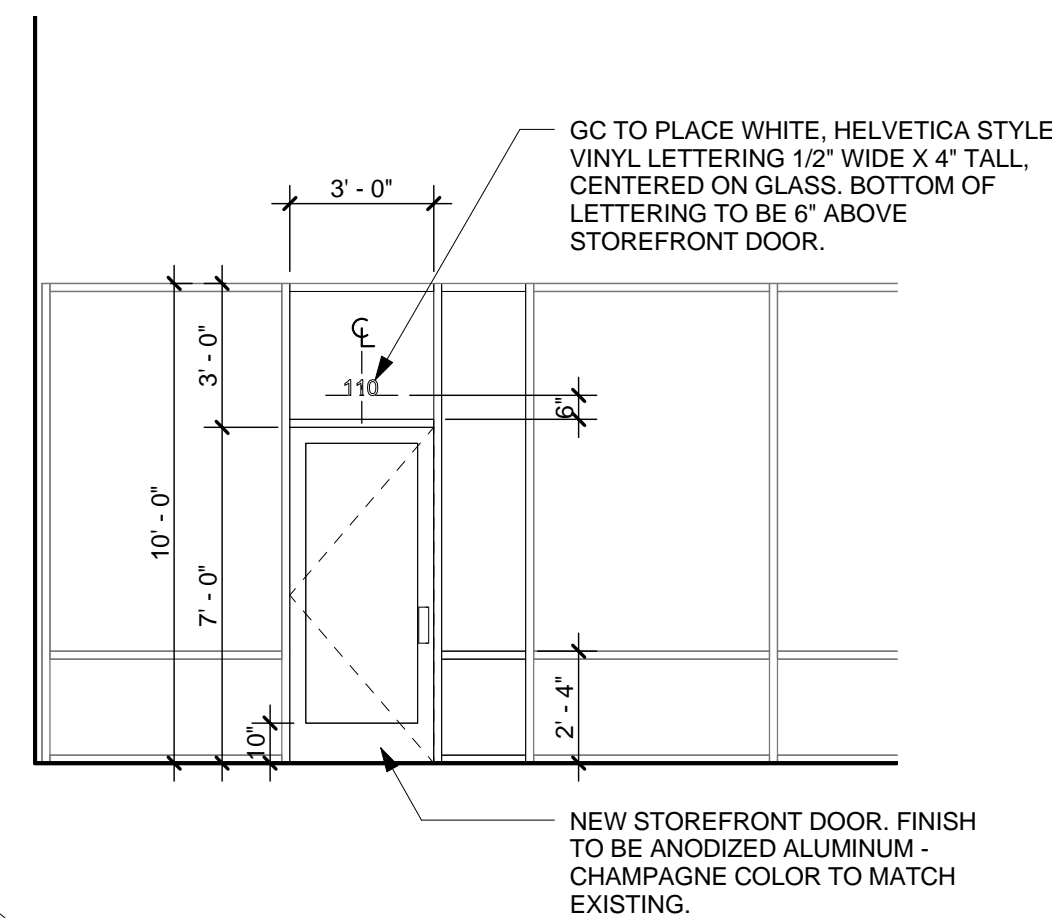


3 ELEVATION @ STOREFRONT
A401 SCALE: 1/4" = 1'-0"

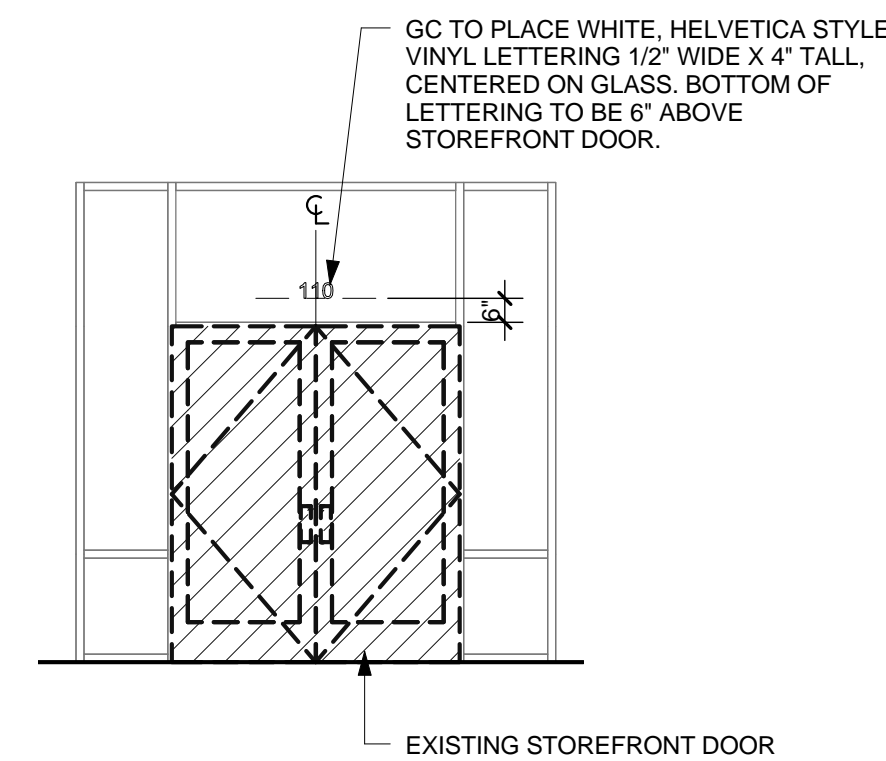


1 PLAN DETAIL @ STOREFRONT
A401 SCALE: 1/4" = 1'-0"

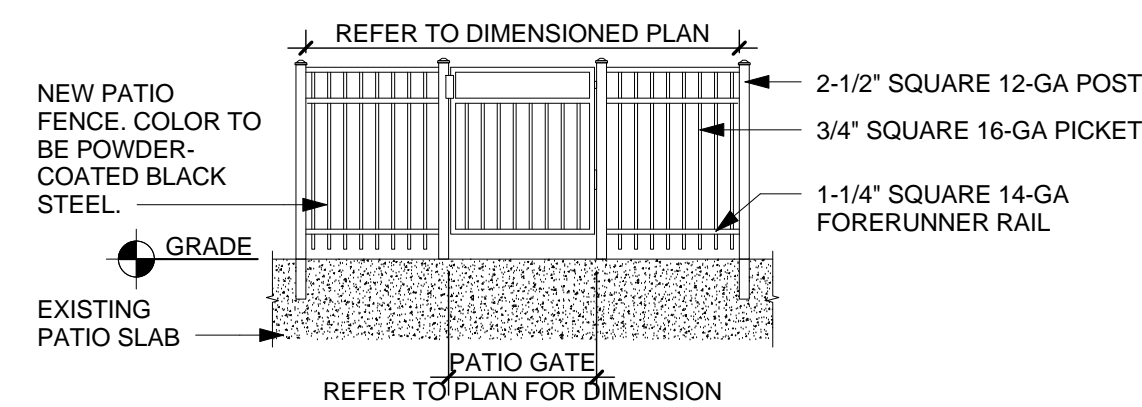
**NOTE TO ARCHITECT: ALWAYS SHOW
ELEVATION OF STOREFRONT TO
SPECIFY DOOR ADDRESS (EVEN IF WE
DO NOT HAVE A PATIO)**



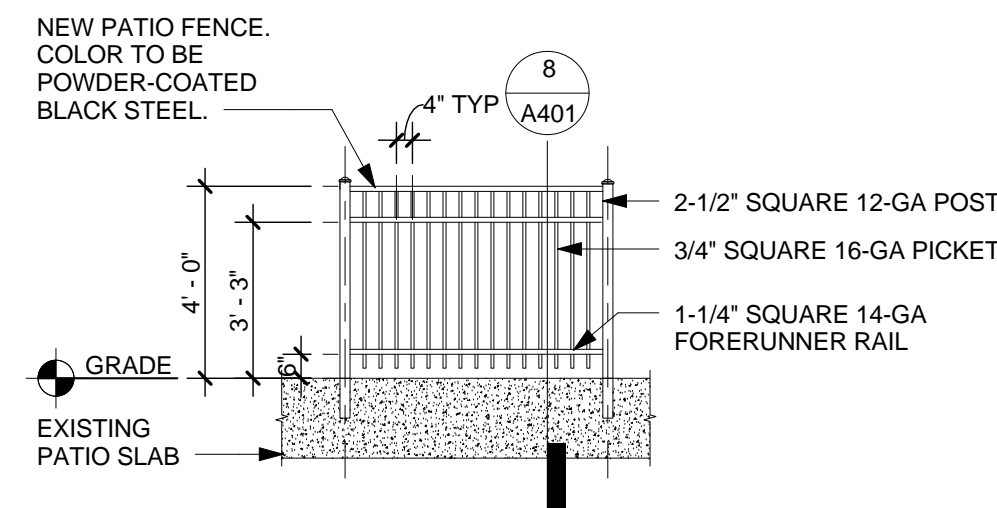
4 ELEVATION @ STOREFRONT
A401 SCALE: 1/4" = 1'-0"



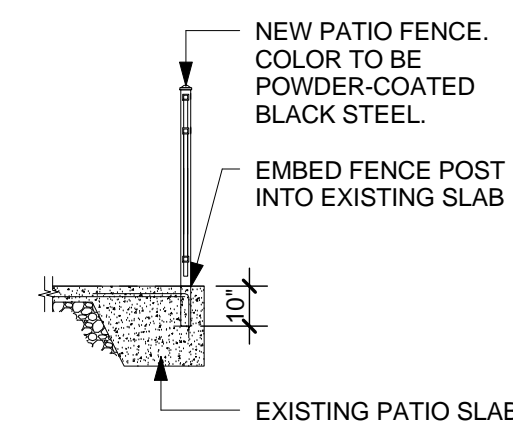
5 ELEVATION @ STOREFRONT
A401 SCALE: 1/4" = 1'-0"



6 RAILING DETAIL
A401 SCALE: 1/4" = 1'-0"



7 RAILING DETAIL
A401 SCALE: 1/4" = 1'-0"



8 RAILING DETAIL
A401 SCALE: 1/4" = 1'-0"

ARCHITECT
TO REPLACE
WITH LOGO

ARCHITECT NAME
ARCHITECT ADDRESS, SUITE XXX
CITY, STATE ZIP CODE
PHONE: (XXX) XXX-XXXX
FAX: (XXX) XXX-XXXX
EMAIL: ARCHITECT@EMAIL.COM
CONTACT: NAME

CONSULTANT:

I HEREBY CERTIFY THAT THE PORTION OF THIS TECHNICAL SUBMISSION DESCRIBED BELOW WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION AND RESPONSIBLE CHARGE. I AM A DULY REGISTERED ARCHITECT UNDER THE LAWS OF THE STATE OF TEXAS.

XXXXX
REG. NO.

SIGNATURE _____

SEAL:

ARCHITECT
TO REPLACE
WITH SEAL



12345 EXAMPLE STREET
SUITE 123

SHEET TITLE:
DETAILS

XX-XX-XXXX

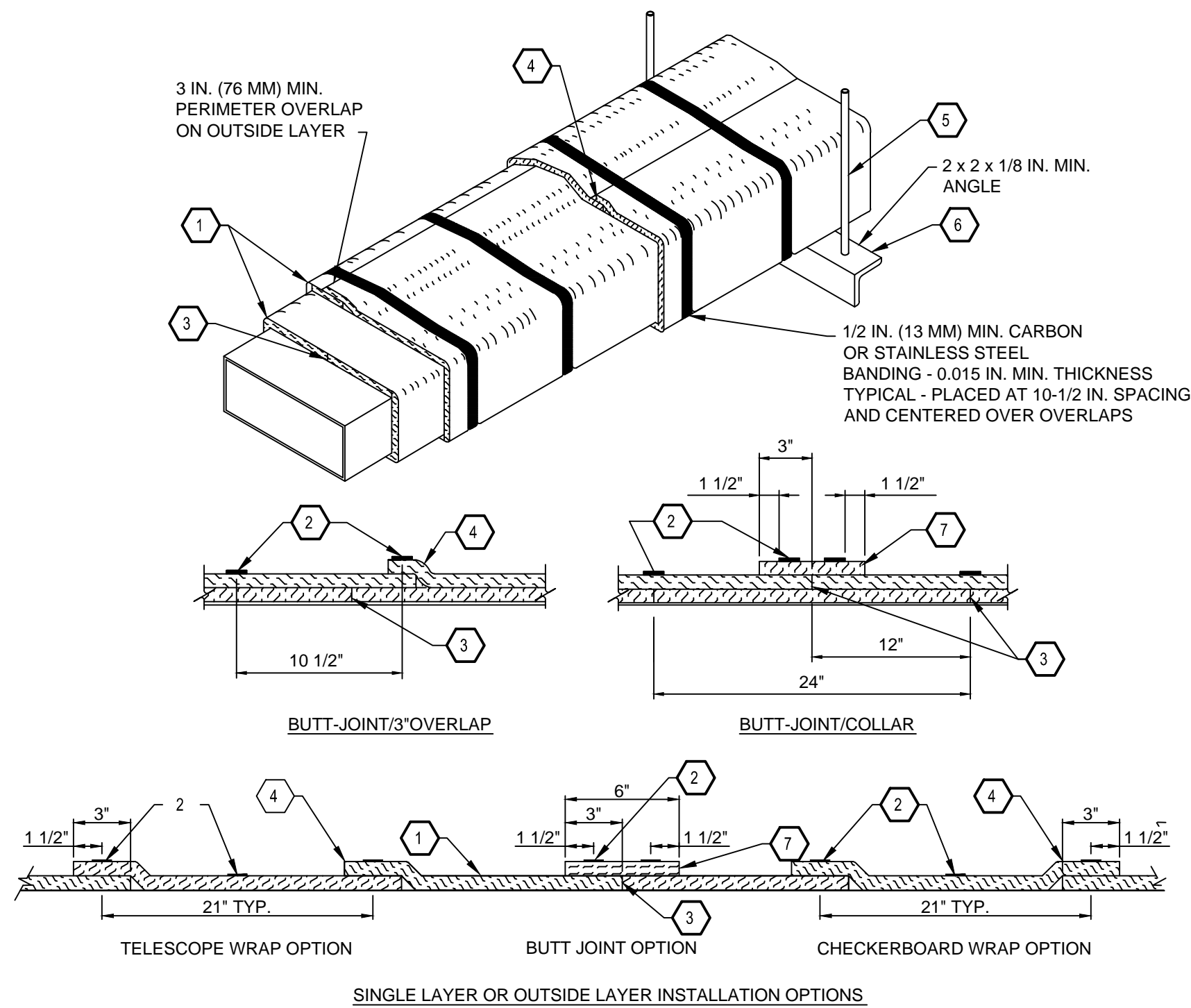
REVISIONS:

[illegible]

PROJECT NO:	XXXXXX
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DRAWN BY: ABC

A401



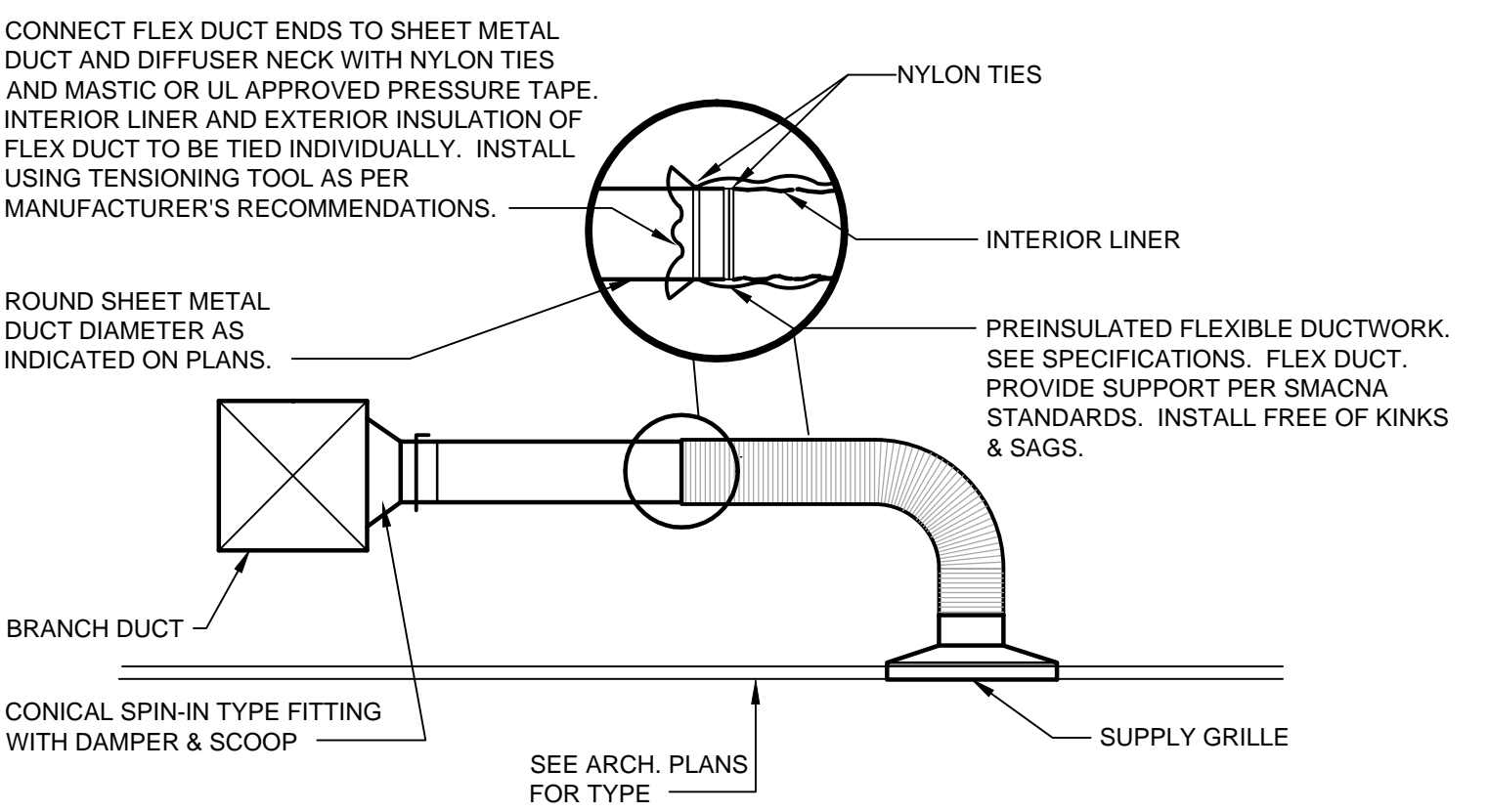
NOTES:

DUCT WRAP MUST HAVE A LISTED ICC-ES-REPORT. REFER TO <http://www.icc-es.org/reports/index.cfm?list=list> FOR A COMPLETE LIST OF ICC-ES-REPORTS. IF THERMAL CERAMICS, INC. FIREMASTER FASTWRAP XL IS USED THE PRODUCT MUST BE INSTALLED IN ACCORDANCE WITH ESR-2213 WHICH IS AVAILABLE FOR DOWNLOAD AT THE LINK LISTED ABOVE.

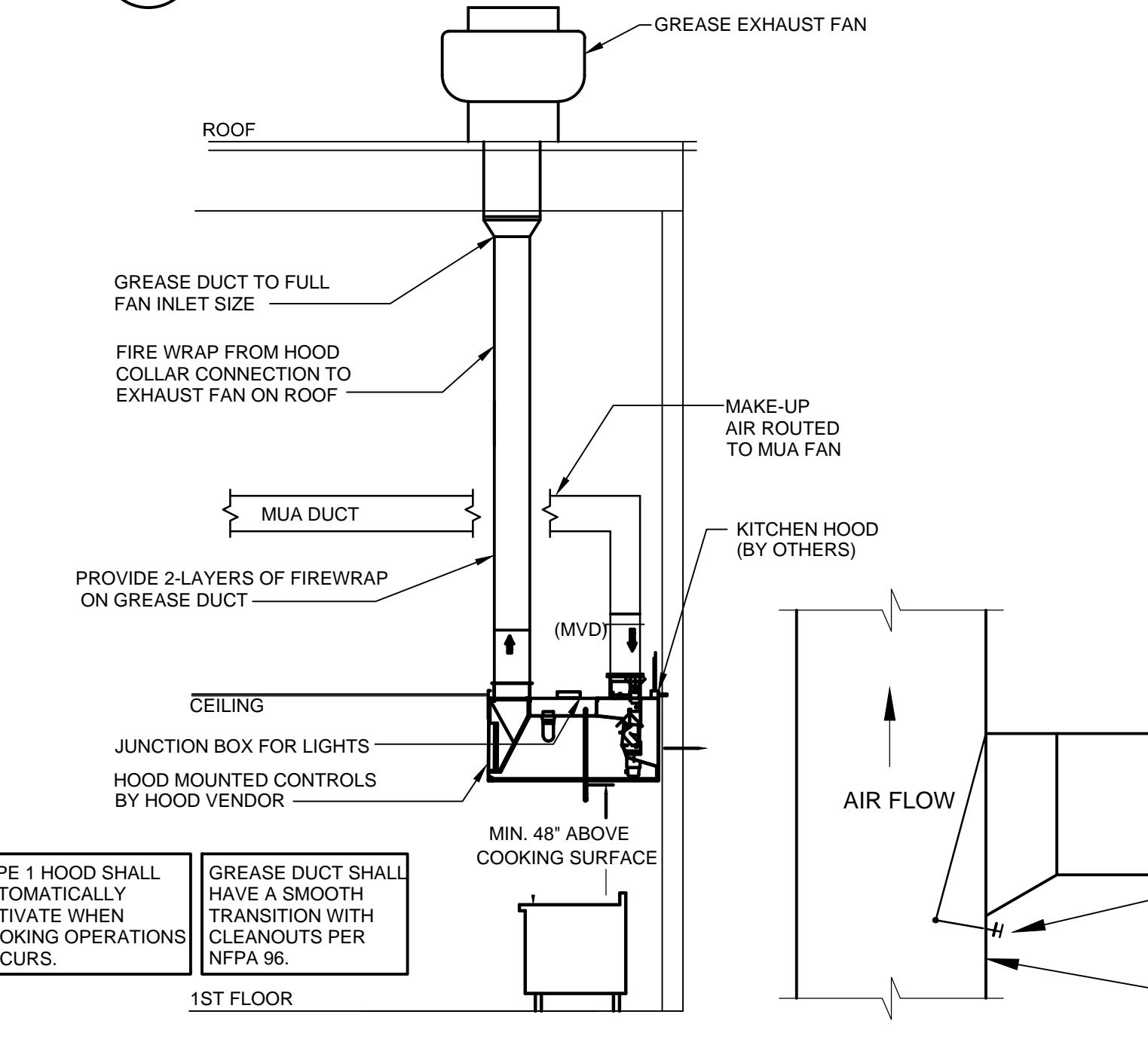
SPECIAL INSPECTION REQUIRED FOR FIRE WRAP ON TYPE I EXHAUST HOOD DUCT. INSTALLATION MUST BE OBSERVED BY CERTIFIED INSPECTOR FOR TYPE OF FIRE WRAP BEING USED.

- INSTALLATION INSTRUCTION NOTES:**
- TWO LAYERS OF FIREMASTER FASTWRAP XL BLANKET FOR GREASE DUCT ENCLOSURES ONE LAYER OF FIREMASTER FASTWRAP XL BLANKET FOR AIR VENTILATION DUCT ENCLOSURES.
 - STEEL BANDING MINIMUM 1/2" WIDE BY 0.015" THICK.
 - TIGHT BUTT JOINTS ON INNER LAYER.
 - MIN. 3" OVERLAP ON PERIMETER AND BETWEEN ADJACENT BLANKET ON OUTSIDE LAYER.
 - MIN. 3/8" DIAMETER HANGER ROD.
 - MIN. 2" X 2" X 1/8" ANGLE FOR GREASE DUCT ENCLOSURES. MIN. 1-1/2" X 1-1/2" X 1/8" ANGLE OR SMACNA EQUIVALENT FOR AIR VENTILATION DUCT ENCLOSURES.
 - OPTIONAL 6" FIREMASTER FASTWRAP XL COLLAR

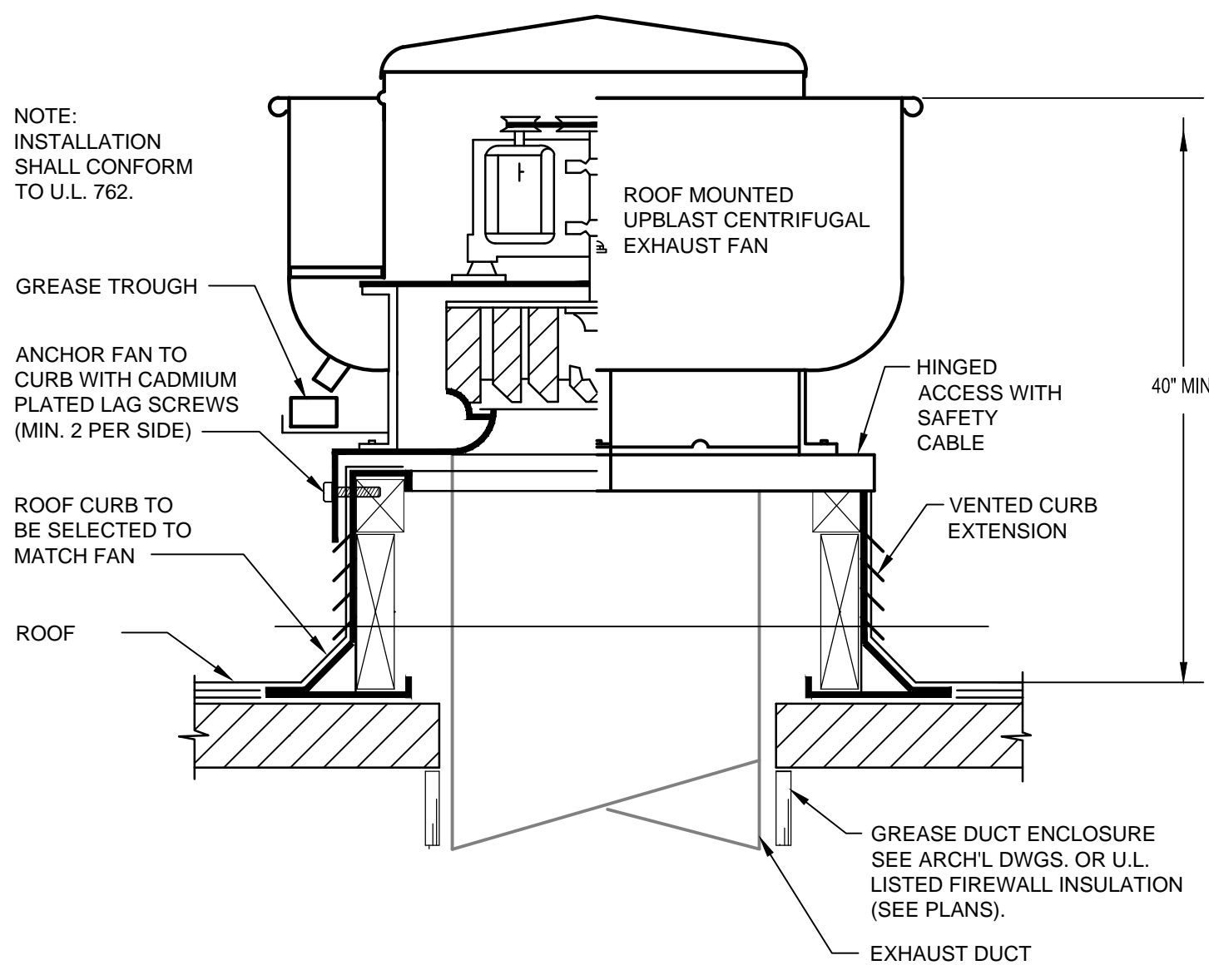
1 GREASE DUCT INSULATION DETAIL - SCHEMATIC
M001 SCALE: NTS



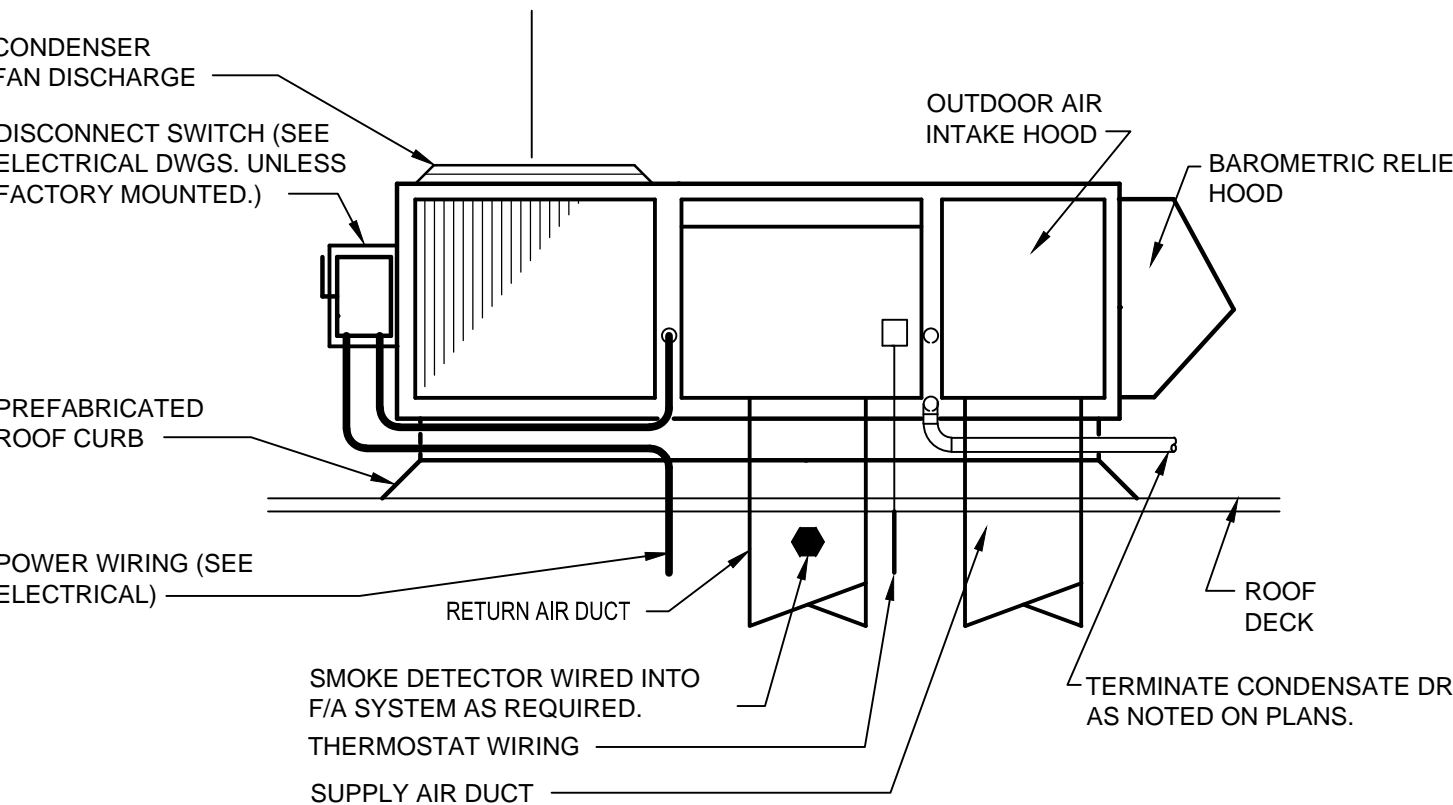
3 FLEXIBLE DUCT TAKE-OFF DETAIL - SCHEMATIC
M001 SCALE: NTS



5 HOOD SECTION - SCHEMATIC
M001 SCALE: NTS



2 ROOF MOUNTED GREASE EXHAUST FAN - SCHEMATIC
M001 SCALE: NTS



4 ROOFTOP AIR UNIT MOUNTING - SCHEMATIC
M001 SCALE: NTS

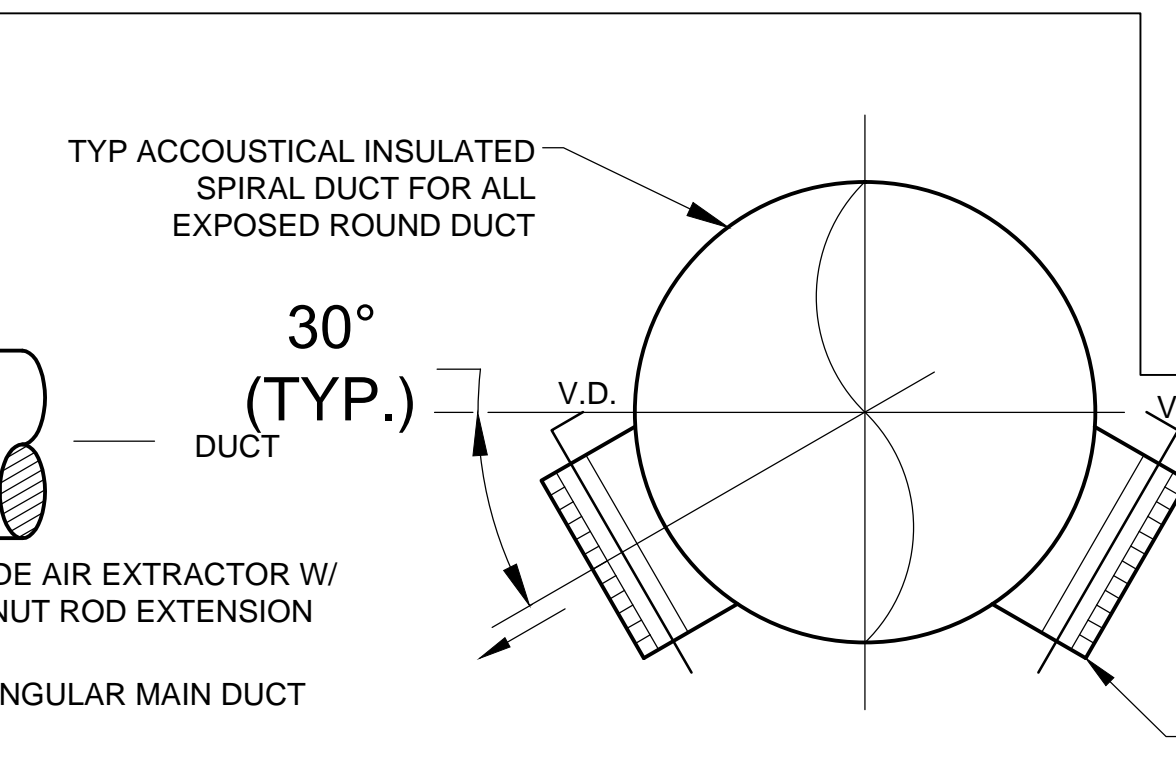
HVAC NOTES

HVAC GENERAL NOTES

- ALL MECHANICAL EQUIPMENT AND INSTALLATIONS SHALL CONFORM WITH THE REQUIREMENTS OF THE 2003 INTERNATIONAL MECHANICAL CODE, THE 2003 INTERNATIONAL BUILDING CODE, THE 2003 INTERNATIONAL ENERGY CODE, AMENITIES, IFIA 90A, 90T, UNDERWRITERS LABORATORIES (OR ETL) AND ALL APPLICABLE LOCAL CODES AND ORDINANCES.
- PRIOR TO PURCHASING ANY MATERIALS OR STARTING ANY WORK, CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS, DUCTWORK SIZES AND LOCATIONS, EQUIPMENT, ETC. SHOWN ON THE DRAWINGS OR AFFECTING THIS WORK AND SHALL REPORT ANY DEVIATIONS TO THE ARCHITECT.
- SHOP DRAWINGS SHALL BE SUBMITTED TO AND APPROVED BY THE ARCHITECT PRIOR TO ORDERING, PURCHASING, OR FABRICATING ANY MECHANICAL EQUIPMENT. SHOP DRAWINGS SHALL INCLUDE: ALL EQUIPMENT SCHEDULED OR SPECIFIED ON THE DRAWINGS; DUCTWORK DRAWN TO 1/4" SCALE OR THE SCALE SHOWN ON THE DRAWINGS; REFRIGERANT PIPING AND CONTROL WIRING SCHEMATICS CERTIFIED BY THE AIR CONDITIONING EQUIPMENT MANUFACTURER. FAILURE TO SUBMIT REFRIGERANT PIPING DRAWINGS SHALL BE CAUSE FOR REJECTION OF THE ENTIRE SUBMITTAL. LONG LINE REFRIGERANT PIPING APPLICATIONS SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S CURRENT SPLIT SYSTEM LONG-LINE APPLICATION GUIDELINE.
- ALL MECHANICAL EQUIPMENT SHALL BE INSTALLED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- ALL MECHANICAL EQUIPMENT AND SYSTEMS SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR AFTER ACCEPTANCE BY OWNER.
- ALL HVAC COMPRESSORS SHALL HAVE EXTENDED 4-YEAR MANUFACTURER'S WARRANTY FOR A 5-YEAR TOTAL WARRANTY.
- MOUNT TOP OF THERMOSTATS 60" AFF UNLESS NOTED OTHERWISE. PROVIDE LOOKOUT CONTROLS FOR ALL PUBLIC AREA THERMOSTATS. COORDINATE THERMOSTAT LOCATIONS WITH OTHER TRADES. ALL THERMOSTATS SHALL BE ADA COMPLIANT.
- UNLESS OTHERWISE NOTED, ALL EXISTING EQUIPMENT, DUCTWORK, DIFFUSERS, ETC. SHOWN AS BEING REMOVED AS PART OF THIS CONTRACT SHALL BECOME THE PROPERTY OF THE HVAC CONTRACTOR AND SHALL BE REMOVED FROM THE PROJECT SITE PRIOR TO PROJECT COMPLETION.
- ALL WORK SHALL BE COORDINATED AND PERFORMED WITH PRIOR APPROVAL FROM THE OWNER TO SUIT HIS OPERATING CONDITIONS.
- ANY EXISTING WALL, FLOOR, OR CEILING SURFACE THAT IS DISTURBED DURING THE COURSE OF THE HVAC WORK SHALL BE REPAIRED TO MATCH NEW AND/OR EXISTING CONDITIONS.
- AFTER CONSTRUCTION, THE ENTIRE HVAC SYSTEM SHALL BE TESTED, ADJUSTED, AND BALANCED TO DELIVER THE AIR QUANTITIES SHOWN ON THE DRAWINGS. SUBMIT CERTIFIED (AABC OR NEBB) TEST AND BALANCE REPORT TO THE ARCHITECT FOR APPROVAL.
- CONTRACTOR SHALL COORDINATE THE INSTALLATION OF ALL MECHANICAL EQUIPMENT, DUCTWORK, PIPING, ETC. TO FIT WITHIN THE SPACE ALLOWED BY THE ARCHITECTURAL AND STRUCTURAL CONDITIONS. CUTTING OR OTHERWISE ALTERING ANY STRUCTURAL MEMBERS SHALL NOT BE PERMITTED WITHOUT WRITTEN PERMISSION FROM THE ARCHITECT.
- ALL MECHANICAL EQUIPMENT SHALL BE LABELED WITH A SEMI-RIGID PLASTIC LAMINATE NAMEPLATE WITH 2" HIGH WHITE LETTERS ON A BLACK BACKGROUND SECURELY AFFIXED TO THE EQUIPMENT. THE NAMEPLATE SHALL SHOW THE EQUIPMENT TAG USED ON THESE DRAWINGS.
- THE LOCATIONS, ARRANGEMENT AND EXTENT OF EQUIPMENT, DEVICES, CONDUIT AND OTHER APPURTENANCES RELATED TO THE INSTALLATION OF THE ELECTRICAL WORK SHOWN ON DRAWINGS ARE APPROXIMATE. THE CONTRACTOR SHALL NOT SCALE DRAWINGS, BUT SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR EXACT DIMENSIONS OF BUILDING COMPONENTS. SHOULD A CONFLICT EXIST BETWEEN THE ARCHITECTURAL AND ENGINEERING DRAWINGS REGARDING DIMENSIONS AND SCALE, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF THE DISCREPANCY.
- MATERIALS, EQUIPMENT OR LABOR NOT INDICATED BUT WHICH CAN BE REASONABLY INFERRED TO BE NECESSARY FOR A COMPLETE INSTALLATION SHALL BE PROVIDED. DRAWINGS AND SPECIFICATIONS DO NOT UNDERTAKE TO INDICATE EVERY ITEM OF MATERIAL, EQUIPMENT OR LABOR REQUIRED TO PRODUCE A COMPLETE AND PROPERLY OPERATING INSTALLATION.
- THE DRAWINGS ARE DIAGRAMMATIC AND DO NOT NECESSARILY DEPICT EXACT CONDITIONS. THE LOCATION OF EQUIPMENT, DUCTWORK, ETC. IS APPROXIMATE ONLY. THE DRAWINGS ARE SCHEMATIC IN NATURE AND ARE NOT TO BE SCALED. SCALES ARE SHOWN FOR REFERENCE AND APPROXIMATION ONLY. REFER TO THE ARCHITECTURAL DRAWINGS FOR DIMENSIONAL DATA OF BUILDING COMPONENTS.
- THERMOSTATS ARE PROVIDED BY SMASHBURGER VENDOR AND 15K TYPE II DINING ROOM SENSORS TO BE PROVIDED AND INSTALLED BY GC AND MOUNTED AT 60" AFF.

MECHANICAL/ELECTRICAL COORDINATION:

- CONTRACTOR SHALL COORDINATE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH ELECTRICAL DRAWINGS PRIOR TO ORDERING EQUIPMENT OR SUBMITTING SHOP DRAWINGS, AND SHALL FURNISH EQUIPMENT WIRED FOR THE VOLTAGES SHOWN THEREIN. SHOP DRAWING SUBMITTALS SHALL CLEARLY STATE THAT THE ELECTRICAL CHARACTERISTICS OF ALL EQUIPMENT HAS BEEN COORDINATED WITH THE ELECTRICAL CONTRACT DOCUMENTS AND THE ELECTRICAL CONTRACTOR.
- ALL MECHANICAL EQUIPMENT REQUIRING ELECTRICAL POWER SHALL BE INSTALLED WITH DISCONNECT SWITCHES AT EACH PIECE OF EQUIPMENT. COORDINATE SWITCH TYPE (FUSED OR NON-FUSED) WITH EQUIPMENT CHARACTERISTICS, MANUFACTURER'S RECOMMENDATIONS AND THE ELECTRICAL DRAWINGS.



6 SUPPLY DUCT TAP DETAIL CROSS SECTION ROUND DUCT W/ BOOT TAP
M001 SCALE: N.T.S

- ALL REQUIRED CONTROL WIRING (INCLUDING POWER WIRING REQUIRED FOR CONTROL PANELS, DEVICES, ETC.) NOT SHOWN ON THE ELECTRICAL DRAWINGS SHALL BE INCLUDED AS PART OF THE MECHANICAL WORK. WIRING IN HVAC PLENUM SPACES SHALL BE INSTALLED ACCORDING TO CODE REQUIREMENTS.
- UNLESS NOTED OTHERWISE, TRANSFORMERS, CONTROLS AND CONTROL WIRING REQUIRED FOR ALL MECHANICAL SYSTEMS SHALL BE FURNISHED WITH THE EQUIPMENT IT SERVES AND INSTALLED BY THE MECHANICAL CONTRACTOR. MOTOR STARTERS FOR HVAC EQUIPMENT SHALL BE FURNISHED WITH THE MOTOR OR APPARATUS WHICH IT OPERATES. MOTOR STARTER INSTALLATION SHALL BE BY THE DIVISION 16 CONTRACTOR.

DUCT SMOKE DETECTORS:

- ALL FANS SUPPLYING MORE THAN 2000 CFM OF AIR TO ANY SPACE SHALL BE INSTALLED WITH A SMOKE DETECTOR IN THE RETURN DUCTWORK. DUCT SMOKE DETECTORS SHALL BE INSTALLED IN THE RETURN AIR PATH OF AIR DISTRIBUTION SYSTEMS UTILIZING A COMMON SUPPLY AND/OR RETURN AIR PLENUM WITH A COMBINED DESIGN CAPACITY GREATER THAN 2000 CFM. [EDIT RETURN AIR PATH TO SUPPLY AIR PATH FOR CALIFORNIA]
- THE SMOKE DETECTOR SHALL BE WIRED TO STOP THE FAN UPON DETECTION OF SMOKE, AND SIGNAL THE BUILDING FIRE ALARM CONTROL PANEL. THE SMOKE DETECTOR SHALL BE FURNISHED BY THE ELECTRICAL CONTRACTOR, MOUNTED IN THE DUCT BY THE MECHANICAL CONTRACTOR, AND WIRED BY THE ELECTRICAL CONTRACTOR.

AIR DISTRIBUTION:

- SUPPLY, RETURN AND OUTSIDE AIR DUCTWORK SHALL BE CONSTRUCTED OF GALVANIZED SHEETMETAL IN ACCORDANCE WITH SMACNA DUCT CONSTRUCTION STANDARDS, LATEST EDITION. ALL JOINTS AND SEAMS IN ALL SHEETMETAL DUCTWORK SHALL BE SEALED WITH DUCT SEALER.
- ALL OPEN ENDED DUCTS AND FAN OUTLETS SHALL HAVE 1/2" X 1/2" HARDWARE CLOTH AFFIXED TO THE OPENING.
- EXHAUST DUCTWORK SHALL BE GALVANIZED SHEET METAL CONSTRUCTED TO SMACNA STANDARDS AND SHALL NOT BE INSULATED UNLESS NOTED OTHERWISE.
- ALL DUCTWORK SHALL BE SUPPORTED BY THE BUILDING STRUCTURE AND SHALL NOT REST ON CEILING TILES OR CEILING STRUCTURE. DUCT SUPPORTS AND ATTACHMENT TO STRUCTURE SHALL BE PER SMACNA STANDARDS.
- FLEXIBLE DUCTWORK SHALL BE THERMAFLEX M-KE (U.L. 181 LISTED, CLASS 1 FLEXIBLE AIR DUCT) OR EQUAL. PROVIDE MINIMUM INSULATION VALUE OF R-6, R-8 WHEN LOCATED OUTSIDE THE THERMAL ENVELOPE OF THE BUILDING, OR GREATER WHERE REQUIRED BY APPLICABLE ENERGY CODE. AIR CONNECTORS ARE NOT ACCEPTABLE. FLEX DUCT DIAMETER SHALL MATCH DEVICE NECK DIAMETER. PROVIDE ROUND GALVANIZED STEEL DUCT RUNOUTS TO MAINTAIN A MAXIMUM FLEXIBLE DUCT OF 5'-0". FLEXIBLE DUCTWORK SHALL BE INSTALLED AS STRAIGHT AS POSSIBLE AND SHALL BE ROUTED AND SUPPORTED WITHOUT FORMING CRIMPS OR OTHER AIR FLOW RESTRICTIONS. PROVIDE SQUARE TO ROUND ADAPTERS OR BOOTS TO CONNECT TO AIR DEVICE NECK WHEN REQUIRED. [EDIT AS REQUIRED PER CODE]
- ROUND AND FLEXIBLE SUPPLY AIR DUCTWORK SHALL BE CONNECTED TO MAIN DUCTS WITH A SPIN-IN FITTING WITH SCOOP AND BALANCING DAMPER (EXCEPT WHERE INSTALLED ABOVE IN ACCESSIBLE CEILINGS, THE DAMPER SHALL BE OMITTED AND PROVIDED IN THE AIR DEVICE NECK).
- TAPE, BED AND SEAL AIR TIGHT ALL PENETRATIONS FROM RETURN AIR PLENUMS TO NON RETURN AIR PLENUMS THAT ARE REQUIRED DUE TO DUCTWORK, PIPING OR OTHER ITEMS.
- DUCTWORK DIMENSIONS SHOWN ON THE DRAWINGS ARE INSIDE CLEAR DIMENSIONS.
- EXTERNAL STATIC PRESSURE (ESP) DOES NOT INCLUDE COIL, CASING OR FILTER PRESSURE DROP.
- LOCATIONS OF GRILLES, REGISTERS, AND DIFFUSERS SHOWN ON THE DRAWINGS ARE APPROXIMATE. COORDINATE EXACT LOCATIONS WITH LIGHTS, CEILING GRID, ETC. AND ARCHITECTURAL REFLECTED CEILING PLAN.
- DUCTWORK CONNECTING KITCHEN EXHAUST HOODS TO EXHAUST FANS SHALL BE CONSTRUCTED OF 16 GAUGE BLACK STEEL WITH WELDED SEAMS. ALL GREASE EXHAUST DUCTWORK SHALL BE CONSTRUCTED AND INSTALLED ACCORDING TO REQUIREMENTS OF LOCAL CODE AUTHORITIES AND NFPA 96 REQUIREMENTS. INSTALL GASKETED ACCESS DOORS AT 20' ON CENTER AND AT EACH CHANGE OF DIRECTION.

INSULATION:

- DUCT INSULATION:
 - DUCT WRAP SHALL BE JOHNS MANVILLE MICROLITE XG OR EQUAL UL LISTED FIBERGLASS BLANKET INSULATION WITH FOIL VAPOR BARRIER. PUNCTURES AND TEARS IN THE FOIL JACKET SHALL BE PATCHED WITH FOIL TAPE TO MAINTAIN THE INTEGRITY OF THE VAPOR BARRIER. INSULATE SHEET METAL DUCTWORK IN THE THICKNESSES AND DENSITIES AS LISTED BELOW:
 - SHEET METAL SUPPLY AND OUTSIDE AIR DUCTWORK: 2" THICK, 1 LB/FT3 DENSITY, R-6 MINIMUM INSTALLED. [EDIT AS REQUIRED]
 - INDOOR EXPOSED SPIRAL SUPPLY AIR DUCT SHALL BE LINED WITH 1-1/2" THICK ROUND DUCT LINER (MINIMUM R-6), JOHNS MANVILLE SPIRACOUSTIC PLUS OR EQUAL. SEE DETAIL 6/M001
 - KITCHEN HOOD EXHAUST DUCTWORK SHALL BE INSULATED, WHERE REQUIRED, PER NFPA 96 AND LOCAL CODE REQUIREMENTS. KITCHEN HOOD SUPPLY DUCTWORK SHALL BE INSULATED AS SPECIFIED FOR HVAC SUPPLY DUCTWORK.

PIPING:

- CONDENSATE FROM ALL AIR CONDITIONING EQUIPMENT SHALL BE TRAPPED AND ROUTED AS NOTED ON THE PLANS. CONDENSATE PIPING SHALL BE SCHEDULE 40 PVC (EXCEPT INSULATED COPPER IN HVAC PLENUMS). CONDENSATE SHALL BE PUMPED AS REQUIRED.
- ALL PIPING ABOVE GRADE SHALL BE SUPPORTED BY THE BUILDING STRUCTURE AND SHALL NOT REST ON CEILING TILES OR CEILING STRUCTURE. PIPING HUNG FROM JOISTS SHALL BE HUNG FROM THE TOP CHORDS OF THE JOISTS.

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PHONE: (XXX) XXX-XXXX
FAX: (XXX) XXX-XXXX
EMAIL: ENGINEER@EMAIL.COM
CONTACT: CONTACT NAME
JOB NUMBER: JOB NUMBER

ENGINEER TO REPLACE WITH LOGO

ENGINEER NAME
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ENGINEER NAME
ARCHITECT ADDRESS, SUITE XXX
CITY, STATE ZIP CODE
PHONE: (XXX) XXX-XXXX
FAX:

GRILLES, REGISTERS & DIFFUSERS

TAG	SERIES	DUTY	MATERIAL	DAMPER	NOM. FACE SIZE	CFM	NECK	NOTES	FURNISHED BY	INSTALLED BY
A	OMNI	SUPPLY	STEEL	YES	12x12	SEE PLANS	SEE PLANS	PLAQUE FACE DIFFUSER W/ OBD	GC	GC
B	OMNI	SUPPLY	STEEL	YES	24x24	SEE PLANS	SEE PLANS	PLAQUE FACE DIFFUSER W/ OBD	GC	GC
C	132RS	SUPPLY	STEEL	YES	SEE PLANS	SEE PLANS	SEE PLANS	DOUBLE DEFLECTION SUPPLY W/ 3" SPACING AND	GC	GC
D	50F	RETURN	ALUMINUM	YES	SEE PLANS	SEE PLANS	SEE PLANS	PERFORATE GRILLE	GC	GC

- NOTES:
- A. REFER TO ARCHITECTURAL DRAWINGS FOR TYPE OF CEILING AND/OR SUSPENSION SYSTEM.
- B. COLOR SHALL BE BY ARCHITECT. SUBMIT COLOR CHART FOR APPROVAL.
- SELECTIONS ARE BASED ON PRODUCTS BY: TITUS.

AIR BALANCE

TAG	KITCHEN OUTSIDE AIR (CFM)	KITCHEN EXHAUST AIR (CFM)	DINING OUTSIDE AIR (CFM)	DINING EXHAUST AIR (CFM)
MUA-1	2,400	0	0	0
RTU-1	0	0	0	0
RTU-2	475	0	0	0
KEF-1	0	3,000	0	0
EF-1	0	0	0	240
SUB TOTAL	2,875	3,000	1,000	240
Net	-125		760	
TENANT SPACE IS 635 CFM POSITIVE.				

ROOFTOP UNITS W/ NATURAL GAS HEAT

TAG	MODEL	NOM. TONS	EER (SEER)	TOTAL CFM	OA CFM	E.S.P.	MAX FAN HP	MBH TOTAL COOL	MBH SENS. COOL	MBH GAS INPUT	MBH GAS OUTPUT	WEIGHT (LBS)	ACCESSORIES	FURNISHED BY	INSTALLED BY
RTU-1	48TCDD12	10.0	11.1	4,000	1,000	1.0"	3.0	116.8	93.3	180.0	120.0	1,104	1,2,3,4,5,6,7,8,9	LL	LL
RTU-2	48TCDA08	5.0	(13.0)	2,000	475	1.0"	3.0	57.5	46.0	72.0	50.0	579	1,2,3,4,5,6,8,9,10	LL	LL

- NOTES:
- A. COOLING CAPACITIES BASED ON 80°F DB/67°F WB INDOOR ENTERING AIR TEMPERATURE AND 101°F DB ENTERING OUTDOOR TEMPERATURE.
- B. E.S.P. DOES NOT INCLUDE COIL, CASING OR FILTER LOSSES.
- C. MECHANICAL CONTRACTOR TO COORDINATE POWER REQUIREMENTS WITH ELECTRICAL DRAWINGS PRIOR TO PURCHASE.
- D. R-410A REFRIGERANT.
- E. EVAPORATOR COIL MUST HAVE FREEZE PROTECTION AS STANDARD.

- ACCESSORIES:
1. DOWNFLOW CONFIGURATION
2. 14" ROOF CURB.
3. DISCONNECT TO BE INSTALLED BY ELECTRICAL CONTRACTOR.
4. THERMOSTATS ARE PROVIDED BY SMASHBURGER VENDOR AND 15K TYPE II DINING ROOM SENSORS TO BE PROVIDED AND INSTALLED BY GC AND MOUNTED AT 60" AFF.
5. INTEGRAL FILTER RACK WITH 2" THICK DISPOSABLE FILTERS.
6. FACTORY INSTALLED DIFFERENTIAL ENTHALPY ECONOMIZER.
7. POWERED EXHAUST.
8. FACTORY PROVIDED AND INSTALLED SMOKE DETECTOR IN RETURN AIR DUCTWORK. [EDIT RETURN AIR DUCTWORK TO SUPPLY AS REQUIRED BY CODE]
9. PROVIDE MERV-8 FILTER.
10. INTERLOCK SUPPLY FAN WITH KEF-1.

SELECTIONS ARE BASED ON PRODUCTS BY: CARRIER.

FANS

TAG	MODEL	DUTY	CFM	E.S.P.	SONES (dBA)	MOTOR	RPM	WEIGHT (LBS)	ACCESSORIES	FURNISHED BY	INSTALLED BY
EF-1	DR30HFA	EXHAUST	640	0.25"	4.7	25 HP	944	50	1,2,3,4,5	GC	GC
KEF-1	INCA16FA	EXHAUST	2562	1.25"	12.3	2 HP	1058	189	1,2,3,4,5	GC	GC
MUA-1	A1-G10	MAKE-UP AIR	2050	0.5"	24.0	2 HP	991	169	1,2,3,4,5	GC	GC

- NOTES:
- A. ADDITIONAL INFORMATION FOR ALL CAPTIVEAIRE EQUIPMENT CAN BE FOUND ON THE HOOD MANUFACTURER DRAWINGS WHICH ARE LOCATED ON SHEETS --- THROUGH ---. [EDIT SHEET NUMBERS AS REQUIRED.]

- ACCESSORIES:
1. DISCONNECT SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR.
2. PROVIDE TIME CLOCK TO ALLOW FAN TO RUN CONTINUOUSLY DURING NORMAL BUSINESS HOURS.
3. INSECT SCREEN.
4. GRAVITY BACKDRAFT PREVENTER.
5. FACTORY MOUNTED SPEED CONTROLLER.
6. INTERLOCK WITH KITCHEN HOOD #1 CONTROL PANEL.
7. SUPPLY FAN OF RTU-2 SHALL RUN WHEN FAN IS IN OPERATION.
8. INTERLOCK MAU-1 WITH KITCHEN HOOD #1 CONTROL PANEL.

SELECTIONS ARE BASED ON PRODUCTS BY: CAPTIVEAIRE.

KITCHEN PLAN NOTES

1. ALL GREASE DUCT WORK SHALL HAVE SMOOTH TRANSITIONS WITH CLEANOUTS PER NFPA 96.
2. FIRE WRAP ALL GREASE EXHAUST FROM HOOD COLLAR CONNECTION TO EXHAUST FAN ON ROOF.
3. KITCHEN GREASE EXHAUST DUCT SHALL BE WELDED STEEL WITH UL & ASTM LISTED DUCT FIRE WRAP SYSTEM. ENTIRE LENGTH OF GREASE DUCT SHALL BE WRAPPED. DUCT ACCESS AND CLEANOUT DOORS SHALL BE PROVIDED, SIZED AND PROTECTED PER CODE.
4. TRANSITION KITCHEN EXHAUST DUCT TO DUCT COLLAR INLET SIZE AT HOOD.
5. MAINTAIN CLEARANCE AT ALL HOOD SUPPLY AIR FANS FOR FILTER ACCESS.

GREASE EXHAUST DUCT CLEAN-OUT

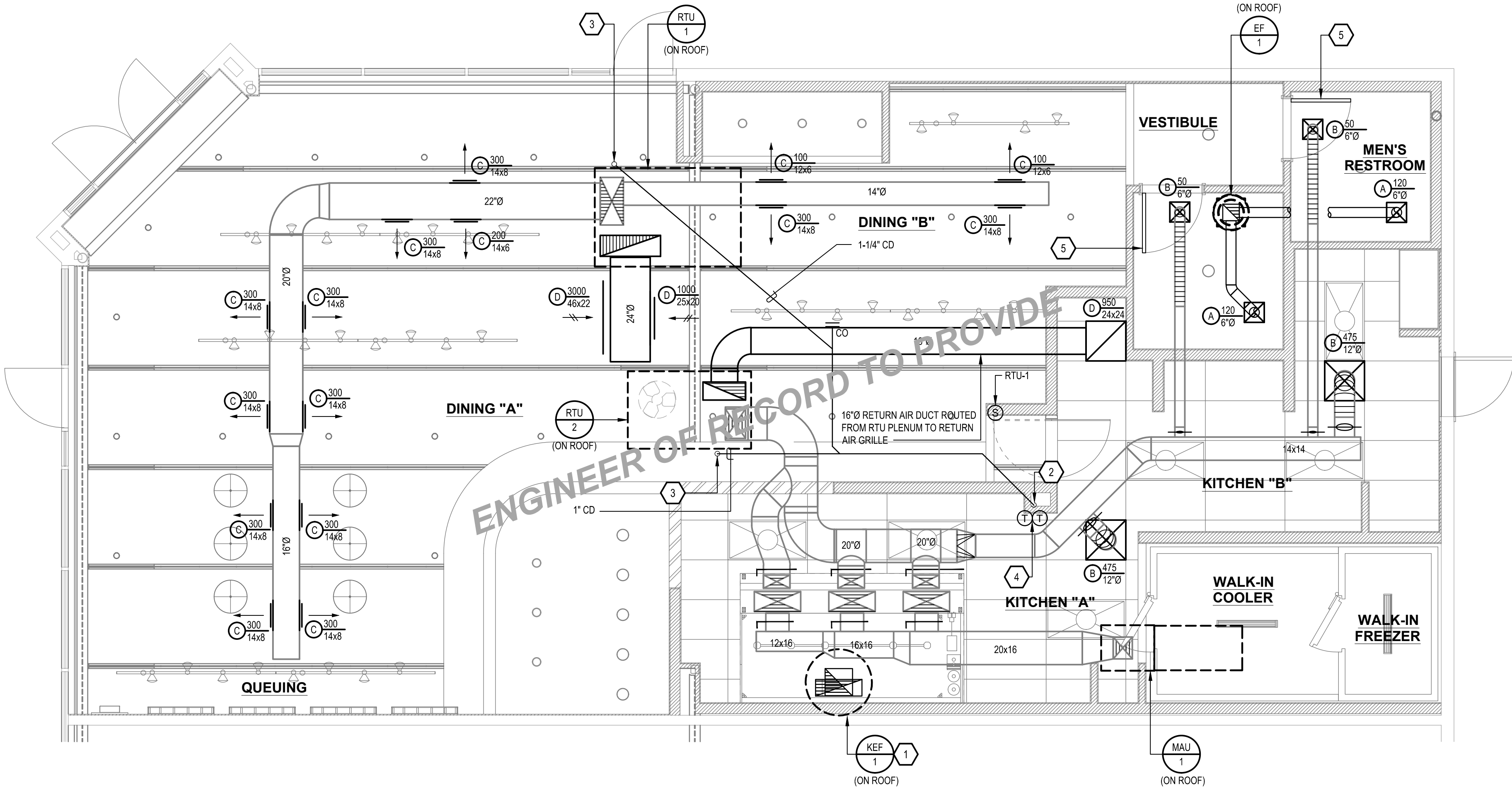
1. CLEANOUT OPENINGS SHALL BE PROVIDED TO ALLOW FOR PROPER OPERATION AND MAINTENANCE OF THE EXHAUST SYSTEM PER 2003 INTERNATIONAL MECHANICAL CODE & NFPA 96. [EDIT CODES AS REQUIRED.] ACCESS OPENINGS FOR CLEANING SHALL BE LOCATED NO MORE THAN 20 FEET APART IN HORIZONTAL EXHAUST DUCTWORK AND IN EVERY CHANGE IN DIRECTION WHERE GREASE CAN ACCUMULATE. CLEANOUT OPENINGS SHALL BE EQUIPPED WITH TIGHT FITTING DOORS CONSTRUCTED OF STEEL HAVING A THICKNESS NOT LESS THAN THAT REQUIRED FOR THE DUCT. DOORS SHALL BE EQUIPPED WITH A SUBSTANTIAL METHOD OF LATCHING TO HOLD THE DOOR TIGHTLY CLOSED. THE OPENINGS SHALL BE DESIGNED TO PROVIDE INTERNAL DAMMING AROUND THE OPENING. SHALL BE PROVIDED WITH GASKETING TO PRECLUDE GREASE LEAKAGE. SHALL PROVIDE FOR DRAINAGE OR GREASE DOWN THE DUCT AROUND THE DAM, AND SHALL BE APPROVED FOR THE APPLICATION.

GENERAL NOTES

1. MAINTAIN A MINIMUM OF 10'-0" FROM EXHAUST AIR OUTLETS AND OUTSIDE AIR INTAKES. MAINTAIN A MINIMUM OF 15'-0" BETWEEN GREASE EXHAUST OUTLETS AND OUTSIDE AIR INTAKES.
2. COORDINATE ALL WORK WITH THE BASE BUILDING DRAWINGS AND EXISTING CONDITIONS.
3. KITCHEN HOOD SHALL BE INSTALLED BY THE HVAC SUBCONTRACTOR.
4. ALL EXPOSED DUCTWORK SHALL BE RUN AS HIGH AS POSSIBLE.
5. VERIFY LOCATION OF THERMOSTATS WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION.
6. PROVIDE INSULATED BASE FOR THERMOSTATS LOCATED ON EXTERIOR AND TENANT DEMISING WALLS.
7. ALL EXPOSED SPIRAL DUCT TO BE LINED WITH SPIRACOUSTIC LINER ON INTERIOR OF DUCT.
8. ALWAYS PUT THERMOSTATS AT MANAGERS DESK.
9. DON'T RUN SUPPLY DUCT INTO POS SOFFIT.

KEYED NOTES

- 1 SLOPE 18"x18" GREASE DUCT BACK TOWARDS HOOD AT A MINIMUM 2% SLOPE. CONNECT GREASE DUCT TO HOOD AND FAN AS REQUIRED AND PROVIDE ANY NECESSARY TRANSITIONS.
- 2 ROUTE 1-1/4" CONDENSATE DOWN IN WALL. TERMINATE 1-1/4" CONDENSATE IN FLOOR SINK THROUGH AIR GAP.
- 3 ROUTE CONDENSATE UP TO RTU.
- 4 THERMOSTATS FOR RTU-1 AND RTU-2. THERMOSTATS ARE PROVIDED BY SMASHBURGER VENDOR AND 15K TYPE II DINING ROOM SENSORS TO BE PROVIDED AND INSTALLED BY GC AND MOUNTED AT 60" AFF.
- 5 UNDERCUT BATHROOM DOOR BY 1-INCH TO ALLOW FOR TRANSFER AIR TO BATHROOM.



1 MECHANICAL PLAN
M100 SCALE: 1/4" = 1'-0"

ARCHITECT
TO REPLACE
WITH LOGO

ARCHITECT NAME
ARCHITECT ADDRESS, SUITE XXX
CITY, STATE ZIP CODE
PHONE: (XXX) XXX-XXXX
FAX: (XXX) XXX-XXXX
EMAIL: ARCHITECT@EMAIL.COM
CONTACT NAME

CONSULTANT:

ENGINEER
TO REPLACE
WITH LOGO

ENGINEER NAME
ARCHITECT ADDRESS, SUITE XXX
CITY, STATE ZIP CODE
PHONE: (XXX) XXX-XXXX
FAX: (XXX) XXX-XXXX
EMAIL: ENGINEER@EMAIL.COM
CONTACT: CONTACT NAME
JOB NUMBER, JOB NUMBER

ENGINEER
TO REPLACE
WITH SEAL

SEAL:

Smashburger
EXAMPLE PROJECT
12345 EXAMPLE STREET
SUITE 123
CITY, STATE 98765

SHEET TITLE:
MECHANICAL
FLOOR PLAN

DATE

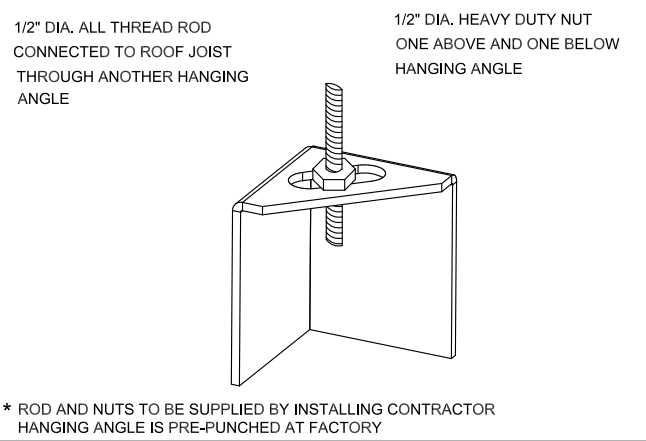
REVISIONS:

NO.	DATE:	BY:	DESCRIPTION:

PROJECT NO: XXXXXX

DRAWN BY: ABC

M100



* ROD AND NUTS TO BE SUPPLIED BY INSTALLING CONTRACTOR
HANGING ANGLE IS PRE-PUNCHED AT FACTORY

HANGING ANGLE DETAILS

HOOD STYLE / MODEL	450 DEGREES cfm/ft.	600 DEGREES cfm/ft.	700 DEGREES cfm/ft.
CANOPY ND2	150	200	250
WITH END PANELS (15% reduction)	127.5	170	212.5
SLOPED SND-Z	228	294	-
ISLAND ND-2WI	269	300	350
NDI	346	422	475

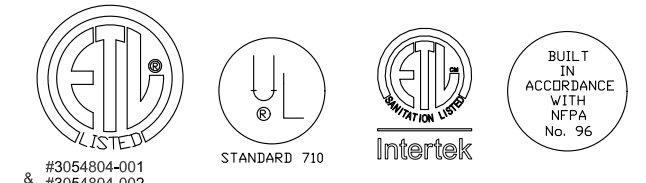
ETL HOOD LISTING DETAIL

EXHAUST CFM=LENGTH OF HOOD X CFM/IN.FT. (LOAD)
SUPPLY CFM=EXHAUST CFM X PERCENTAGE REQUIRED
TOTAL DUCT AREA=144 X $\frac{\text{CFM}}{\text{FPM}^2}$
DUCT LENGTH= $\frac{\text{TOTAL DUCT AREA}}{\text{DUCT DEPTH}}$

*CAPTIVE-AIRE VENTILATOR DUCT SIZES ARE CALCULATED USING AN EXHAUST VELOCITY OF 1500-1800 FPM AND A SUPPLY VELOCITY OF 1000 FPM.

CALCULATIONS UTILIZED

CAPTIVE-AIRE HOODS ARE BUILT IN COMPLIANCE WITH:



#3054804-001
#3054804-002
Listed under ETL File number 3054804-001/002

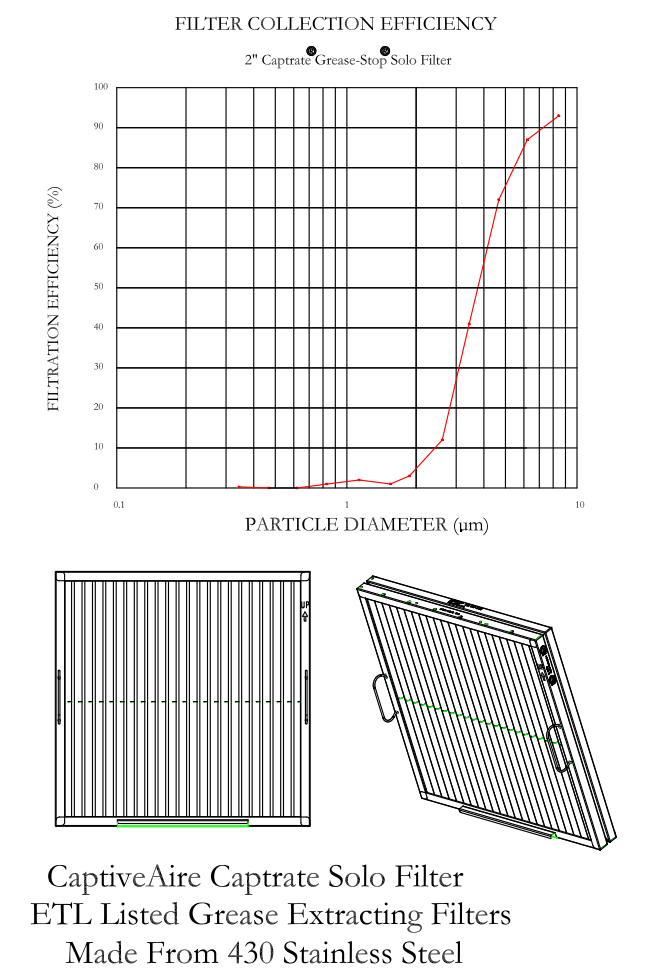
BUILDING CODES

CAPTIVE-AIRE HOODS HAVE OPTIONAL CLEARANCE REDUCTION SYSTEMS AVAILABLE AS FOLLOWS:	
MATERIAL	CLEARANCE REDUCTION SYSTEM
NON-COMBUSTIBLE	NONE REQUIRED
LIMITED-COMBUSTIBLE	3" UNINSULATED STANDOFF
COMBUSTIBLE	1" INSULATED STANDOFF

CLEARANCE TO COMBUSTIBLES

- INSTALLATION**
- ALL ELECTRICAL "FIELD" CONNECTIONS AND RELATED INTERCONNECTIONS BY ELECTRICAL CONTRACTORS.
 - ALL PLUMBING "FIELD" CONNECTIONS AND RELATED INTERCONNECTIONS BY PLUMBING CONTRACTORS.
 - HANGING BRACKETS LOCATED AND WELDED AS SHOWN ON PLANS. ALL OTHER HANGER MATERIALS PROVIDED BY INSTALLING CONTRACTORS.
 - ALL CONNECTIONS FROM CAPTIVE-AIRE DUCT PER MECHANICAL CONTRACTOR'S PLANS.
 - COOKING EQUIPMENT TO SHUT-OFF IN EVENT OF FIRE.
 - EXHAUST FANS TO TURN ON IN EVENT OF FIRE.
 - ALL LIGHTS FIXTURE SHOWN INSTALLED BY CAPTIVE-AIRE ARE FACTORY PREWIRED. INTERCONNECTIONS BETWEEN HOODS AND TO SWITCHES BY ELECTRICAL CONTRACTORS.
 - LAMPS FOR LIGHT FIXTURES BY INSTALLING CONTRACTORS.
 - SEISMIC RESTRAINTS ARE RESPONSIBILITY OF INSTALLING CONTRACTOR.
 - INSTALLING CONTRACTORS ASSUME ALL RELATED RESPONSIBILITY FOR VERIFICATION OF DIMENSIONAL DATA CONTAINED ON THESE DOCUMENTS FOR ACCURACY, INTEGRATION, AND ADMINISTRATION OF CODE REQUIREMENTS IN EFFECT PRIOR TO ANY RELEASE FOR PRODUCTION OF EQUIPMENT SHOWN.
- BALANCE**
- KITCHEN HOODS MUST BE BALANCED WITH KITCHEN.
 - KITCHEN SHALL BE NEGATIVE WITH RESPECT TO DINING AREA.
 - RESTAURANT SHALL BE POSITIVE WITH RESPECT TO AMBIENT PRESSURE.
- ADDITIONAL**
- WRITTEN HOOD DIMENSIONS HAVE PRECEDENCE OVER SCALE.
 - SIGNED AND "APPROVED" COPIES OF THIS DOCUMENT MUST BE RECEIVED BY THE FACTORY PRIOR TO COMMENCEMENT OF FABRICATION.

GENERAL NOTES



FILTER DETAIL

HOOD INFORMATION – Job#2121633

HOOD NO.	TAG	MODEL	LENGTH	MAX. COOKING TEMP.	TOTAL EXH. CFM	EXHAUST PLENUM RISER(S)					MUA CFM	AC CFM	HOOD CONSTRUCTION	HOOD CONFIG.	
						WIDTH	LENG.	DIA.	CFM	S.P.				END TO END	ROW
1	Hood	5430 ND-2-ACPSP-F	10' 3.00"	600 Deg.	2562	10"	24"		2562	-0.767"	2050	696	430 SS Where Exposed	ALONE	ALONE

HOOD INFORMATION

HOOD NO.	TAG	TYPE	FILTER(S)				LIGHT(S)				UTILITY CABINET(S)				FIRE SYSTEM PIPING	HOOD HANGING WGHT
			QTY.	HEIGHT	LENGTH	EFFICIENCY @ 9 MICRONS	QTY.	TYPE	WIRE GUARD	LOCATION	TYPE	SIZE	MODEL #	SWITCHES QUANTITY		
1	Hood	Captrate Solo Filter	7	20"	16"	93% See Filter Spec.	6	Screw In Compact	NO	Right	Ansul R102	3.0/1.5	SC-311110FP	1 Light 1 Fan	YES	940 LBS

HOOD OPTIONS

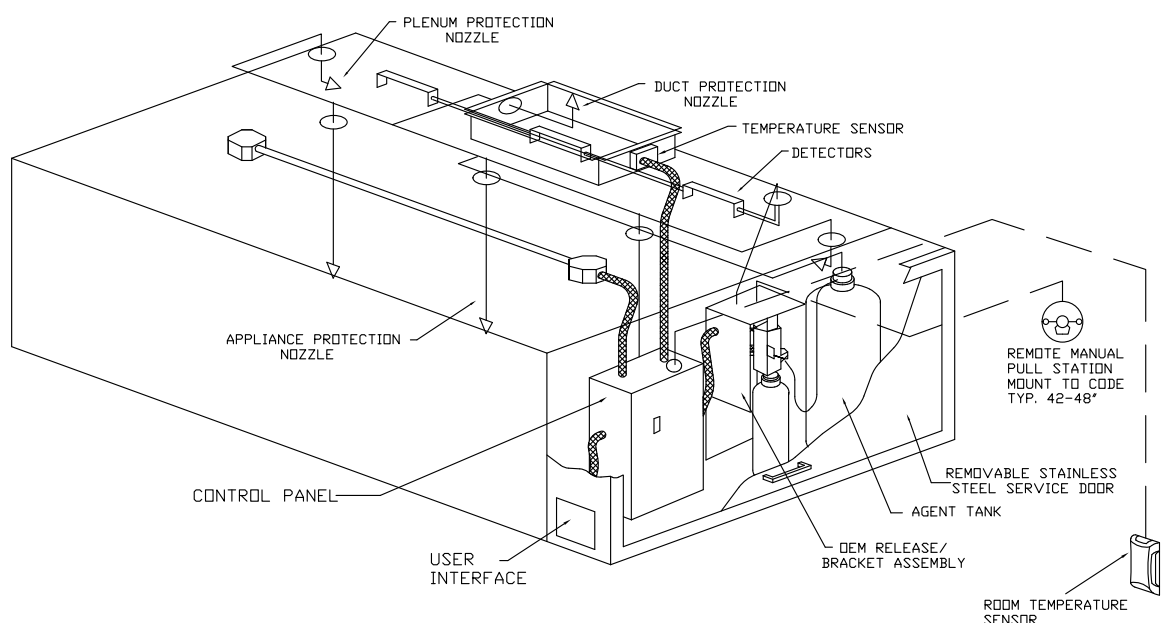
HOOD NO.	TAG	OPTION													
1	Hood	FIELD WRAPPER	12.00"	High	Front, Left, Right										
		BACKSPLASH	128.00"	High	X 171.00"	Long	430 SS								
		RIGHT QUARTER END PANEL	23"	Top Width,	0"	Bottom Width,	23"	High	430 SS						
		LEFT VERTICAL END PANEL	27"	Top Width,	21"	Bottom Width,	80"	High	Insulated 430 SS						

PERFORATED SUPPLY PLENUM(S)

HOOD NO.	TAG	POS.	LENGTH	WIDTH	HEIGHT	TYPE	RISER(S)				
							WIDTH	LENG.	DIA.	CFM	S.P.
1	Hood	Front	135"	24"	6"	MUA	12"	28"		683	0.177"
						MUA	12"	28"		683	0.177"
						MUA	12"	28"		683	0.177"
						AC	8"	16"		232	0.061"
						AC	8"	16"		232	0.061"
						AC	8"	16"		232	0.061"

Fire System Information – Job#2121633

FIRE SYSTEM NO.	Tag	TYPE	SIZE	FLOW POINTS	INSTALLATION	
					SYSTEM	LOCATION ON HOOD
1	FS-1	Ansul R102	3.0/1.5	15	Fire Cabinet Right	Right



TYPICAL ANSUL R-102 SYSTEM LAYOUT

SPECIFICATIONS

THE RESTAURANT FIRE SUPPRESSION SYSTEM SHALL BE THE PRE-ENGINEERED TYPE WITH A FIXED NOZZLE AGENT DISTRIBUTION NETWORK. IT SHALL BE LISTED WITH UNDERWRITERS LABORATORIES, INC. (UL).

THE SYSTEM SHALL BE CAPABLE OF AUTOMATIC DETECTION AND ACTUATION WITH LOCAL OR REMOTE MANUAL ACTUATION. ACCESSORIES SHALL BE AVAILABLE FOR MECHANICAL OR ELECTRICAL GAS LINE SHUT-OFF APPLICATIONS.

THE EXTINGUISHING AGENT SHALL BE A POTASSIUM CARBONATE, POTASSIUM ACETATE-BASED FORMULATION DESIGNED FOR FLAME KNOCK-DOWN AND SECUREMENT OF GREASE RELATED FIRES. IT SHALL BE AVAILABLE IN PLASTIC CONTAINERS WITH INSTRUCTIONS FOR LIQUID AGENT HANDLING AND USAGE.

THE REGULATED RELEASE MECHANISM SHALL BE COMPATIBLE WITH A FUSIBLE LINK DETECTION SYSTEM. THE FUSIBLE LINK SHALL BE SELECTED AND INSTALLED ACCORDING TO THE OPERATING TEMPERATURE IN THE VENTILATING SYSTEM. THE FUSIBLE LINK SHALL BE SUPPORTED BY A DETECTOR BRACKET/ LINKAGE ASSEMBLY.

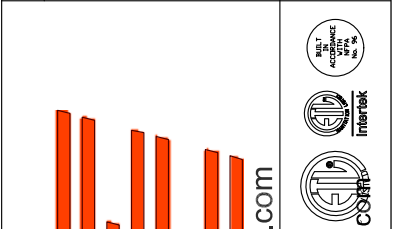
SCOPE OF WORK

HOOD(S): PROVIDED BY OWNER. INSTALLED BY GC.
FIRE SYSTEM(S): PROVIDED & INSTALLED BY OWNER.
EXHAUST FAN(S): PROVIDED BY OWNER. INSTALLED BY GC.
MAKEUP AIR UNIT(S): PROVIDED BY OWNER. INSTALLED BY GC.
ELECTRICAL CONTROL(S): PROVIDED BY OWNER. INSTALLED BY GC.
GREASE DUCT: PROVIDED BY GC. INSTALLED BY GC. PLEASE NOTE
FACTORY BUILD GREASE DUCT QUOTE CAN BE OBTAINED BY CALLING CAPTIVEAIRE COLORADO OFFICE. 720-570-0981.

GC IS RESPONSIBLE FOR COMPLETE START-UP OF EXHAUST FANS AND MAKEUP AIR UNIT PER CAPTIVEAIRE OPERATION & INSTALLATION MANUAL

REVISIONS

DESCRIPTION	DATE:
Δ	
Δ	
Δ	
Δ	



Smashburger # - City, State

DATE: 9/2/2014

DWG.#:
2121633

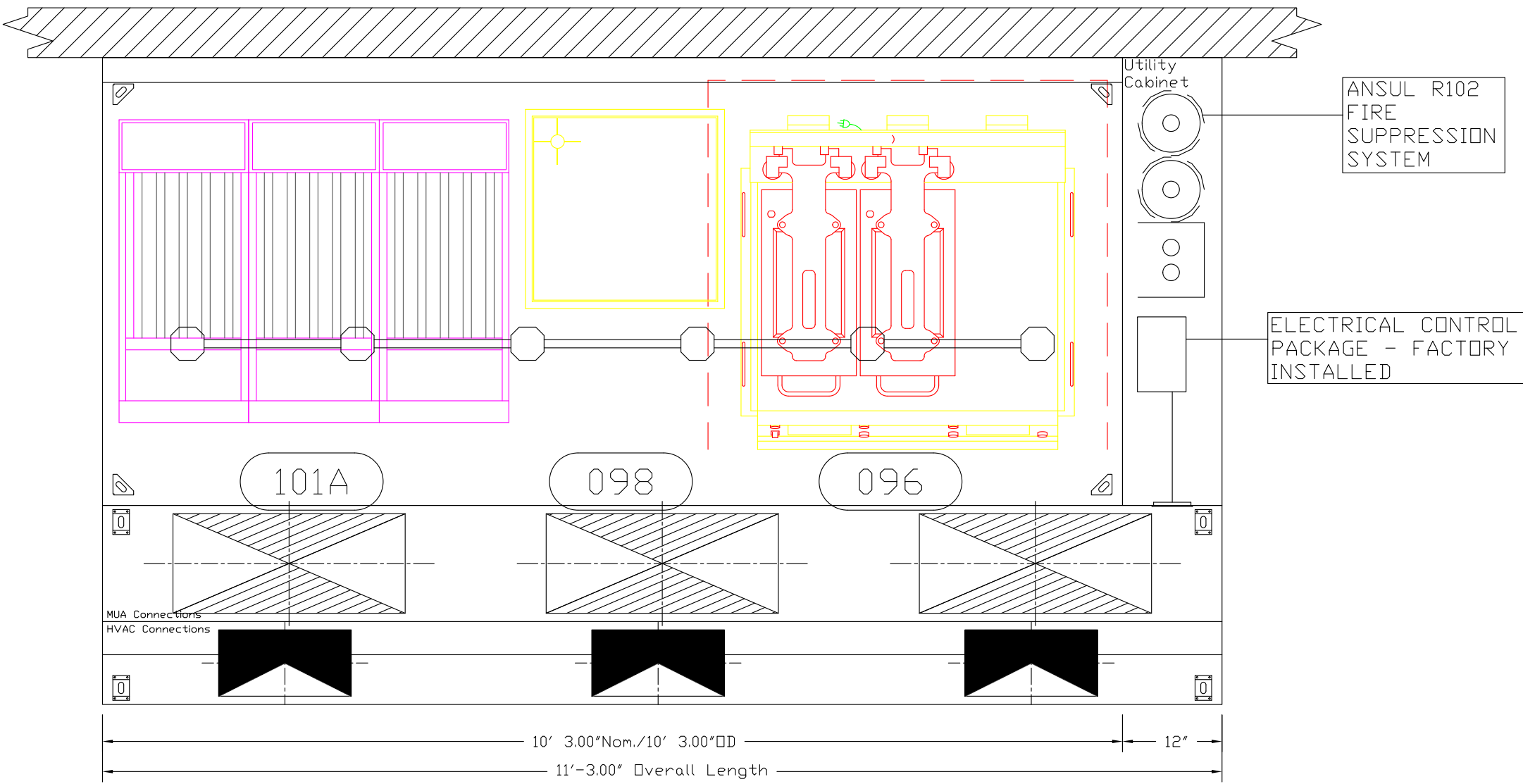
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SCALE:
3/4" = 1'-0"

MASTER DRAWING

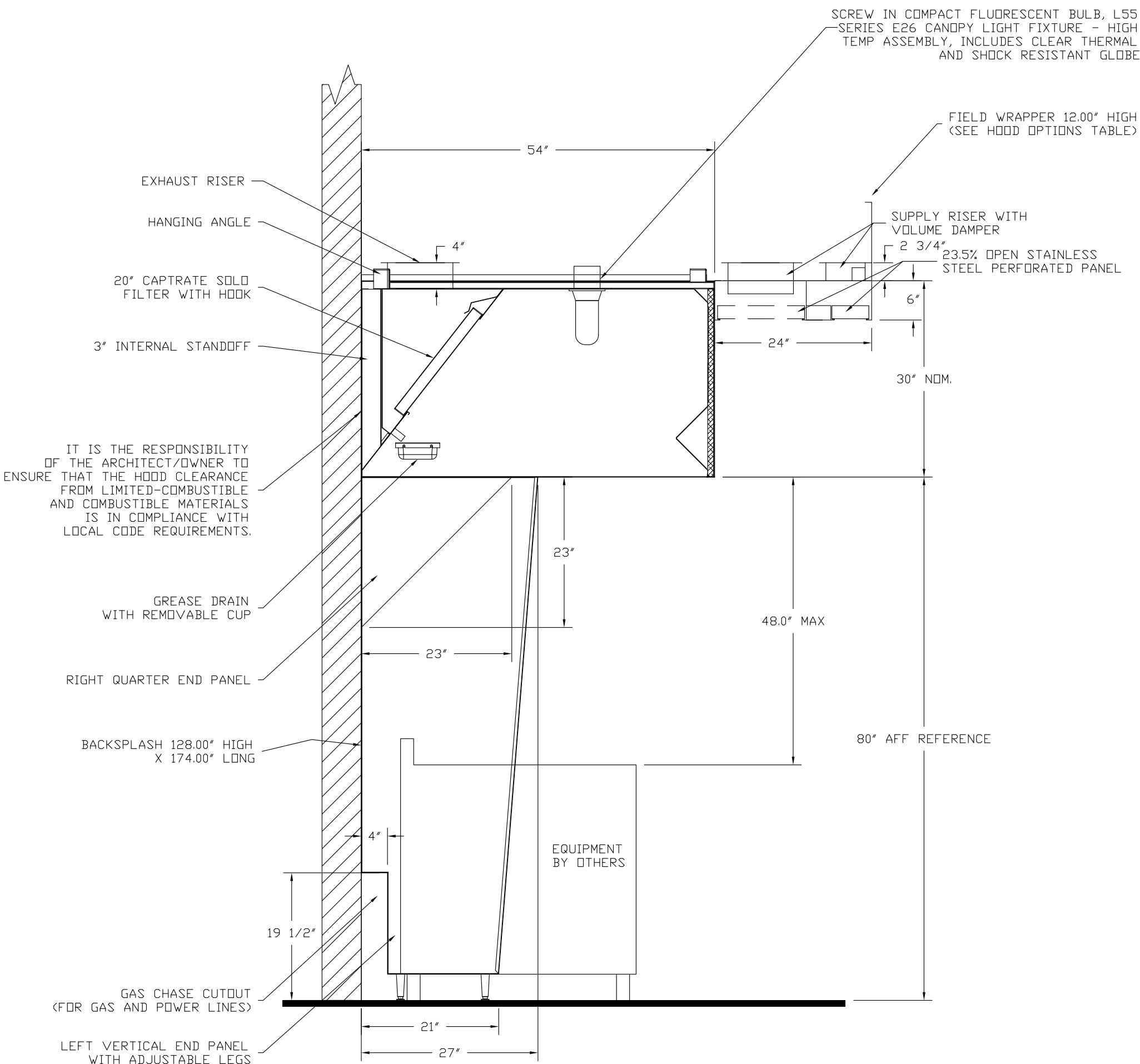
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L WITH MULTI-SMASHER



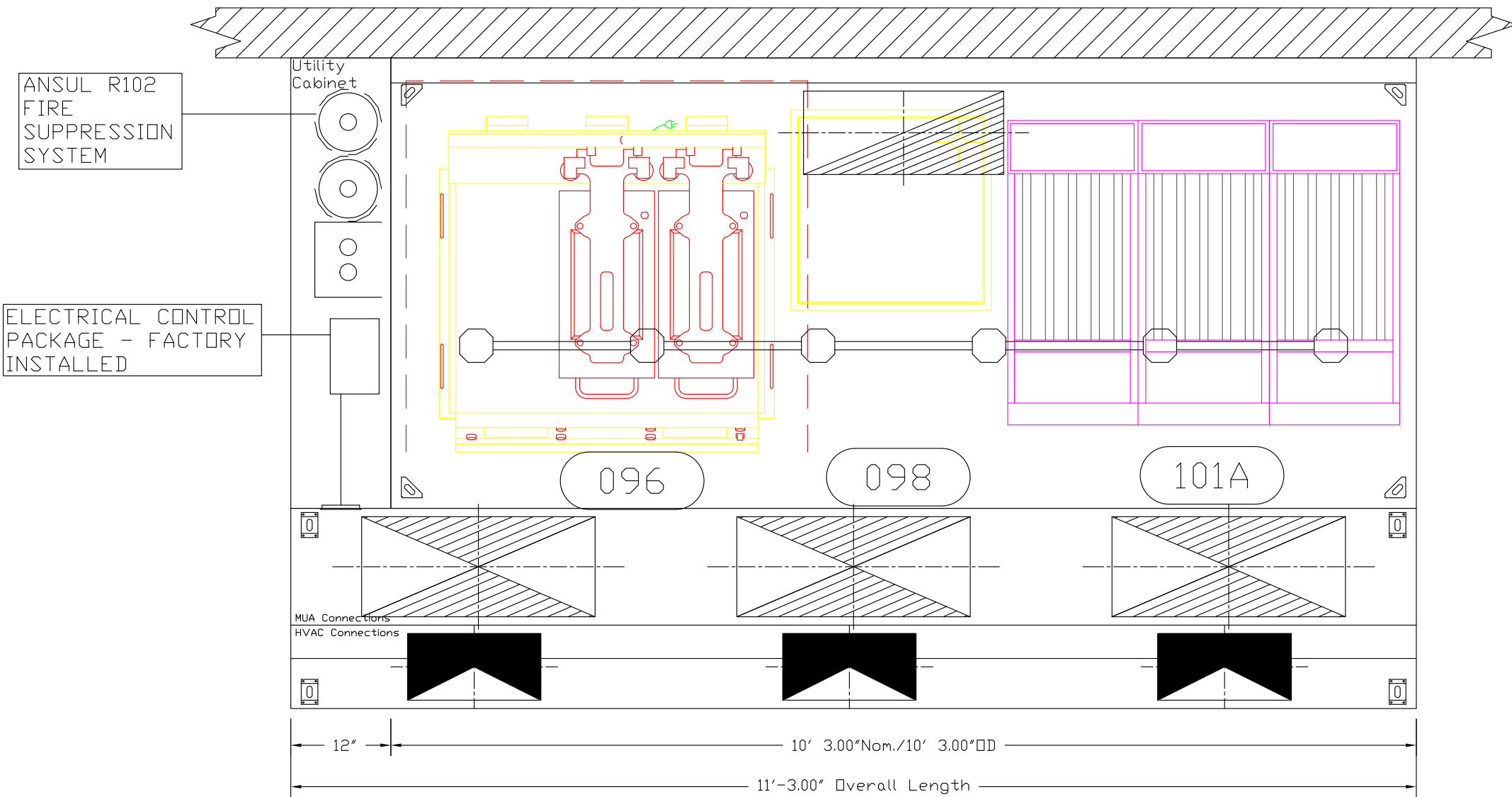
PLAN VIEW - Hood #1 (Hood)
10' 3.00" LONG 5430ND-2-ACPSP-F

Equipment placed 2" from left end of outside of hood.
Equipment spacing is 2".
Equipment placed 6" from right end of outside of hood.



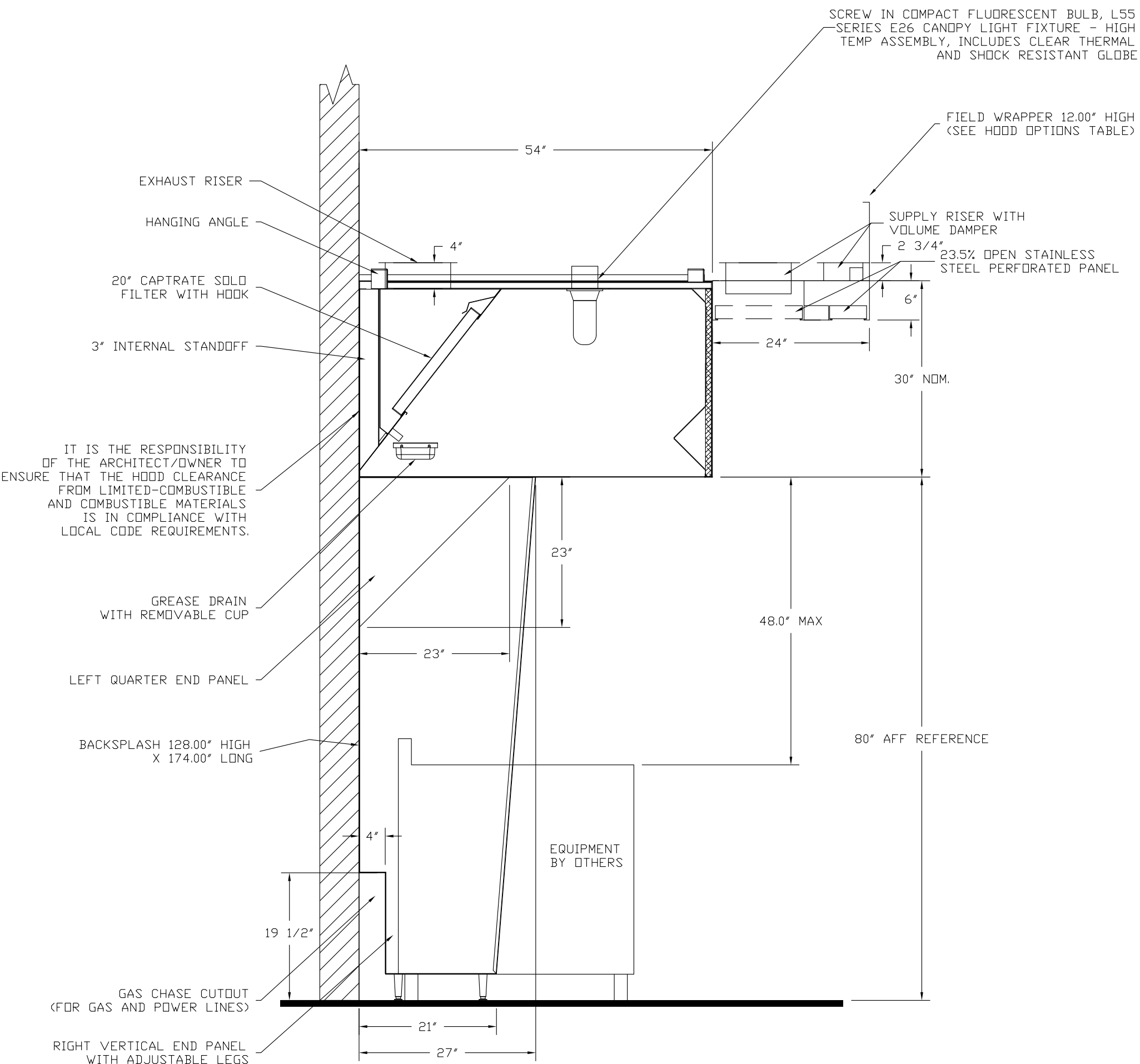
SECTION VIEW - MODEL 5430ND-2-ACPSP-F
HOOD - #1 (Hood)

STRAIGHT WITH MULTI-SMASHER



PLAN VIEW - Hood #2 (Hood Left UC)
10' 3.00" LONG 5430ND-2-ACPSP-F

Equipment placed 6" from left end of outside of hood.
Equipment spacing is 2".
Equipment placed 2" from right end of outside of hood.



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

EXHAUST FAN INFORMATION – Job#2121633

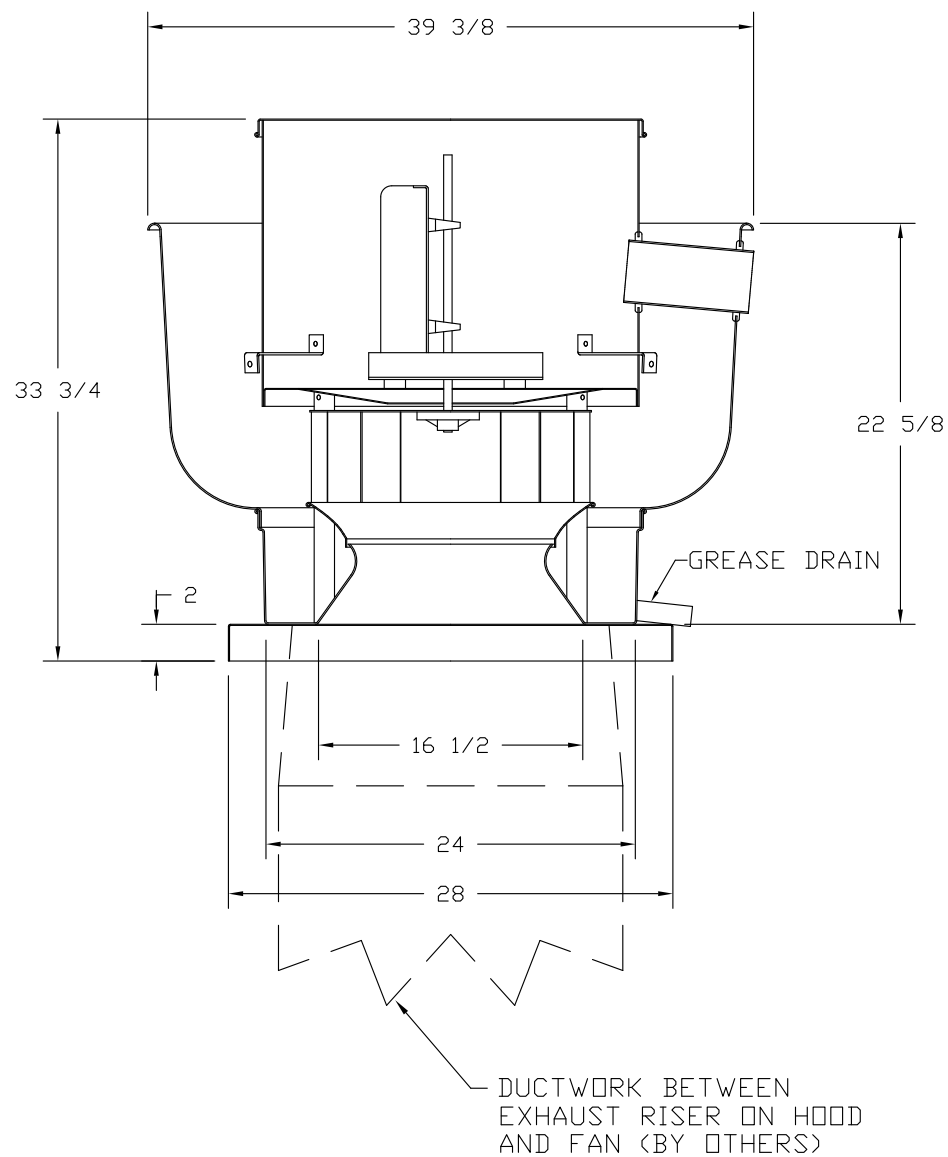
FAN UNIT NO.	TAG	FAN UNIT MODEL #	CFM	ESP.	RPM	H.P.	Ø	VOLT	FLA	WEIGHT (LBS.)	SONES
1	KEF-1	NCA16FA	2562	1.250	1058	2.000	3	208	6.2	189	12.3
2	EF-1	DR30HFA	640	0.250	944	0.250	1	115	4.0	50	4.7

MUA FAN INFORMATION – Job#2121633

FAN UNIT NO.	TAG	FAN UNIT MODEL #	BLOWER	HOUSING	CFM	ESP.	Ø	VOLT
3	MUA-1	A1-G10 (Heating/ Cooling depends on location)	G10	A1	2050	0.500	3	208

Make-Up Air Unit to be site specific

FAN #1 NCA16FA – EXHAUST FAN (KEF-1)



FEATURES:

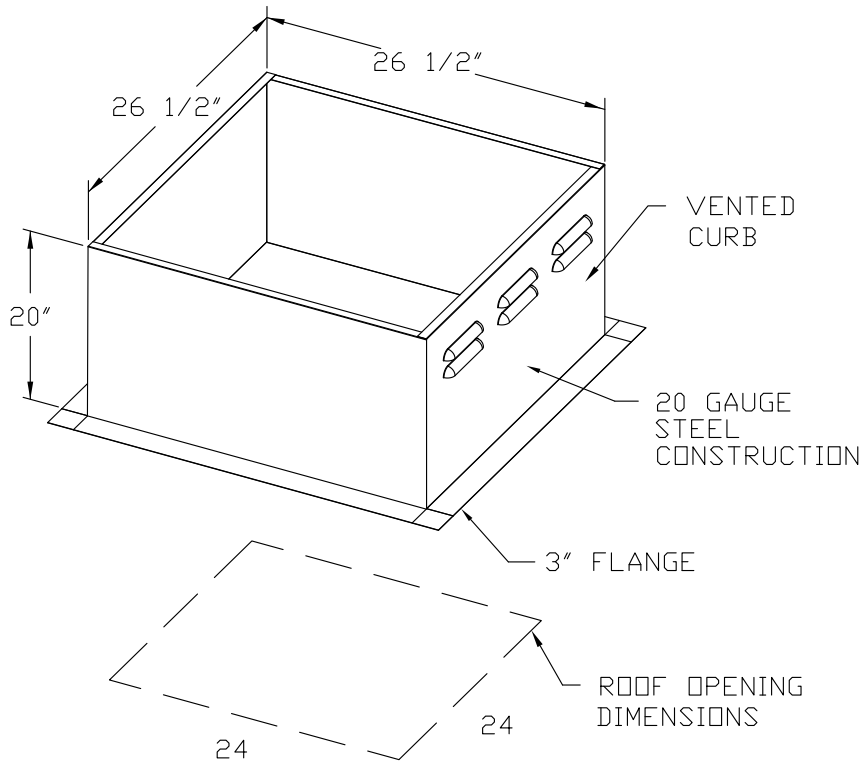
- ROOF MOUNTED FANS
- RESTAURANT MODEL
- UL705 AND UL762
- AMCA SOUND AND AIR CERTIFIED
- WIRING FROM MOTOR TO DISCONNECT SWITCH
- WEATHERPROOF DISCONNECT
- HIGH HEAT OPERATION 300°F (149°C)
- GREASE CLASSIFICATION TESTING

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

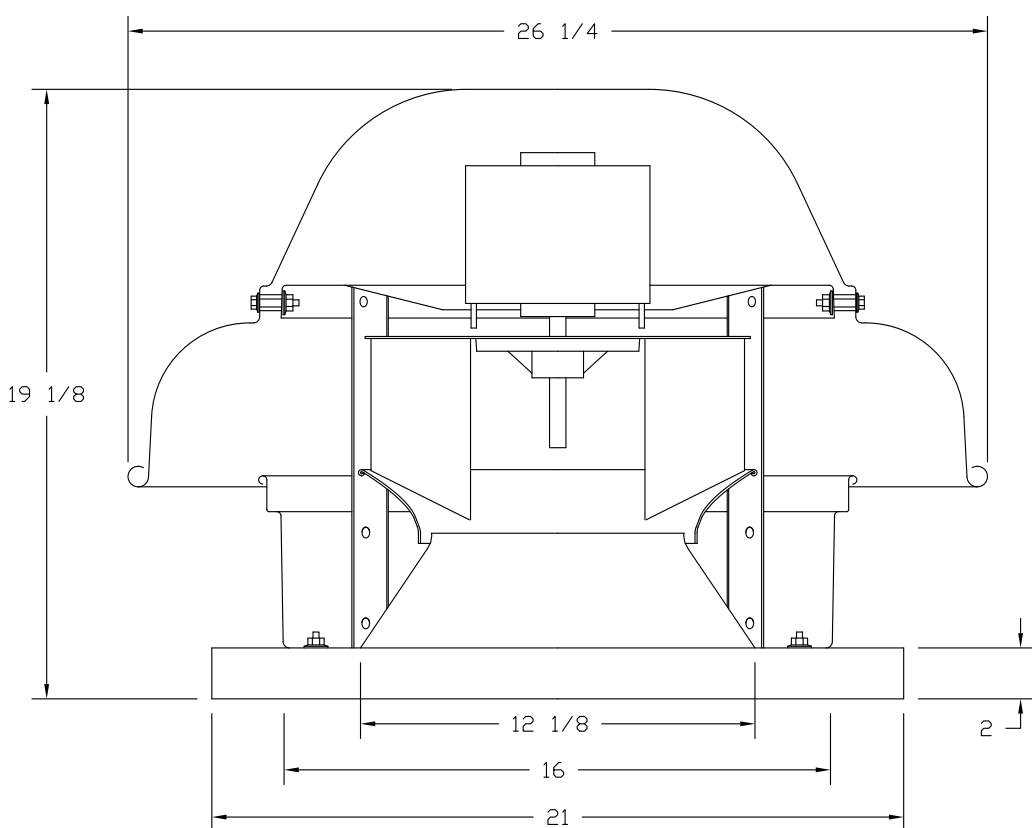
ABNORMAL FLARE-UP TEST
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING BURNING GREASE VAPORS AT 600°F (316°C) FOR A PERIOD OF 15 MINUTES WITHOUT THE FAN BECOMING DAMAGED TO ANY EXTENT THAT COULD CAUSE AN UNSAFE CONDITION.

OPTIONS

- GREASE BOX
- EXTRA SET OF BELTS
- FAN BASE CERAMIC SEAL – FOR GREASE DUCTS



FAN #2 DR30HFA – EXHAUST FAN (EF-1)

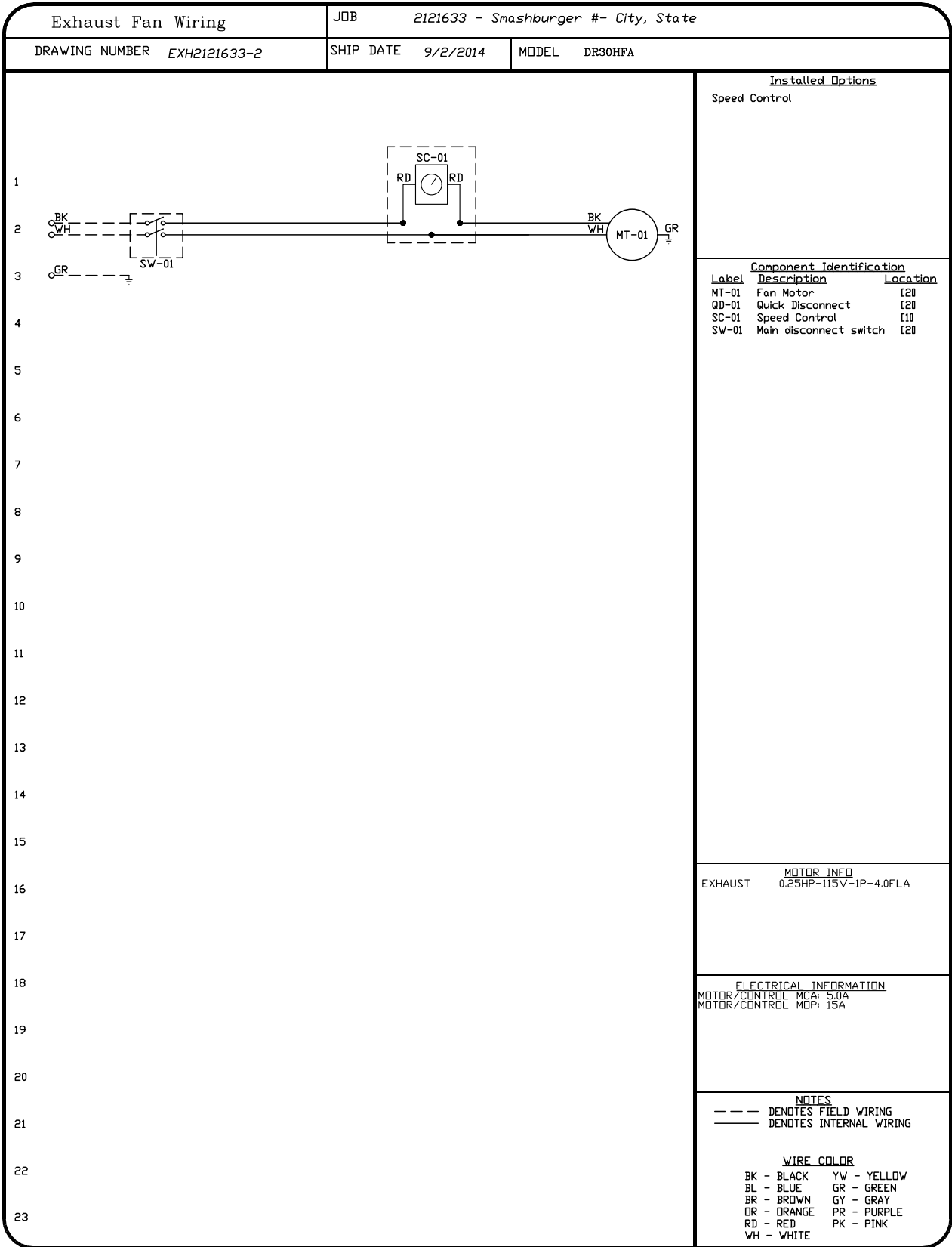
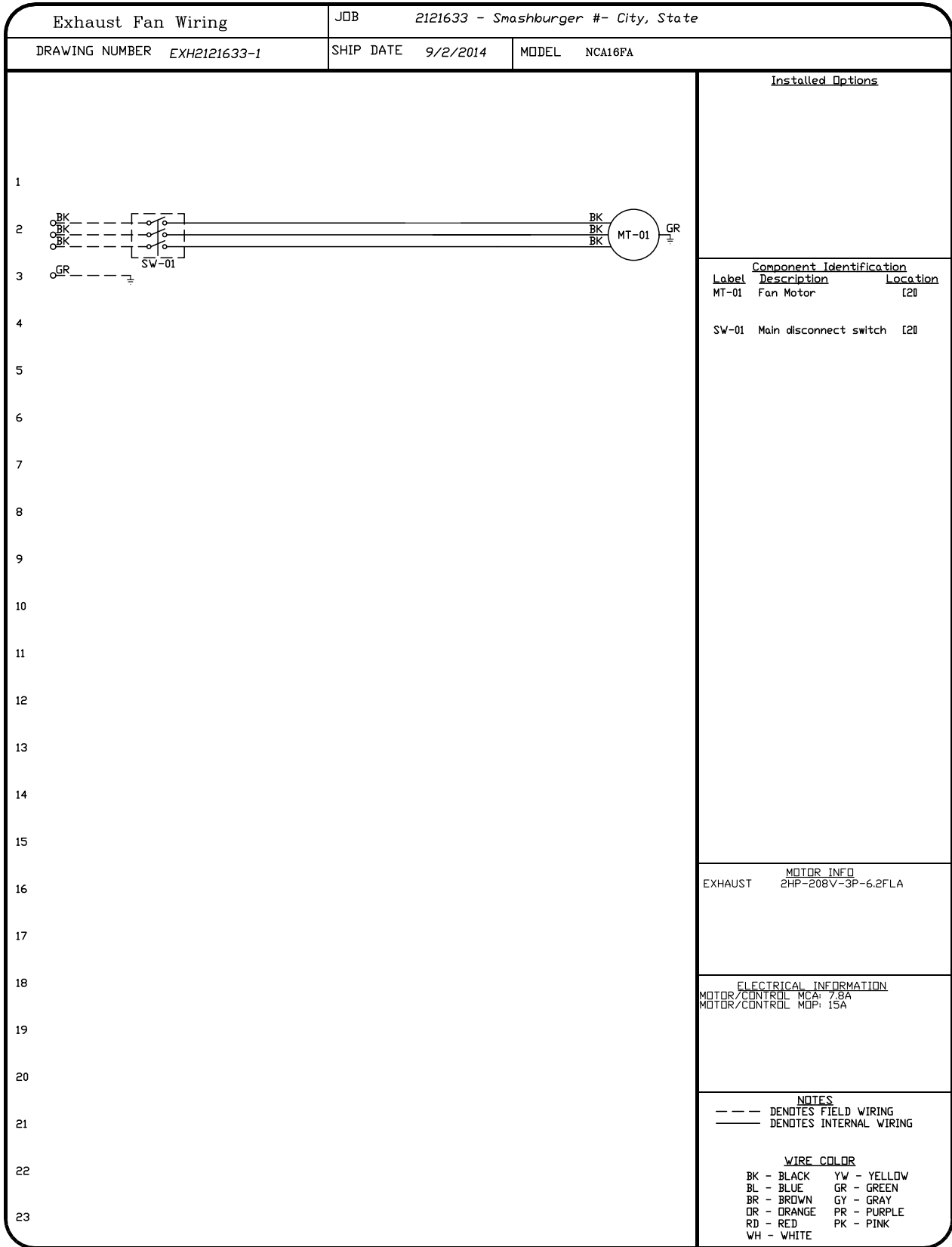
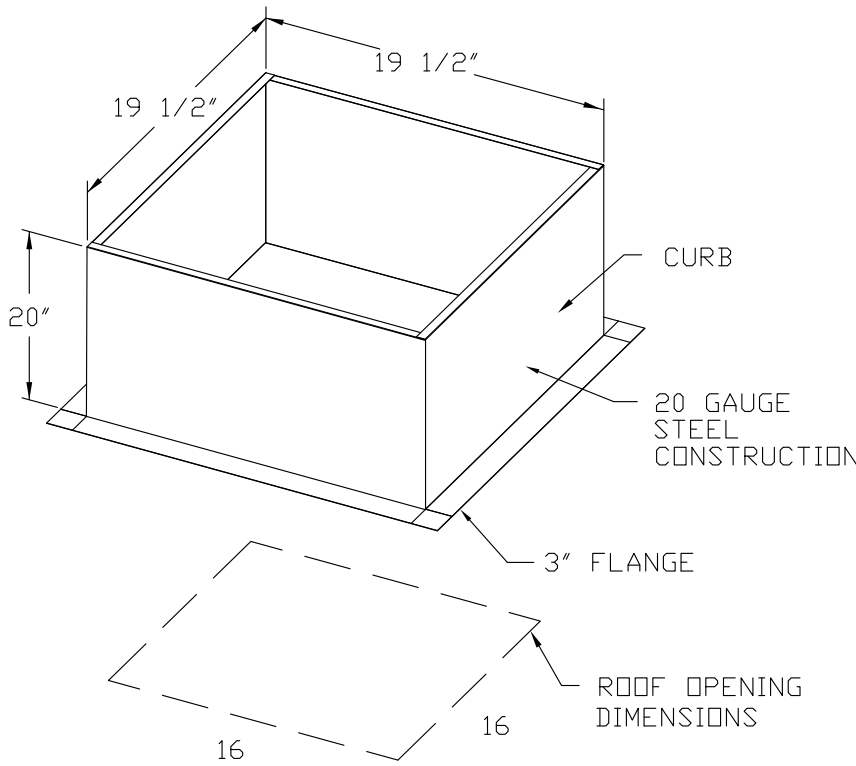


FEATURES:

- ROOF MOUNTED FANS
- UL705
- SAFETY DISCONNECT
- STANDARD BIRD SCREEN
- SPEED CONTROL

OPTIONS

- I 15-BDD DAMPER



ATTENTION!

INSTALLER MUST
READ LABEL NEAR
DISCONNECT SWITCH!

MESSAGE ON LABEL:

”INSTALLER SHOULD
SUPPLY ENOUGH
ELECTRICAL CORD
TO LET FAN
MAKE COMPLETE
SWING”

REVISIONS	
DESCRIPTION	DATE:
Δ	
Δ	
Δ	
Δ	

www.captiveaire.com

DENVER OFFICE

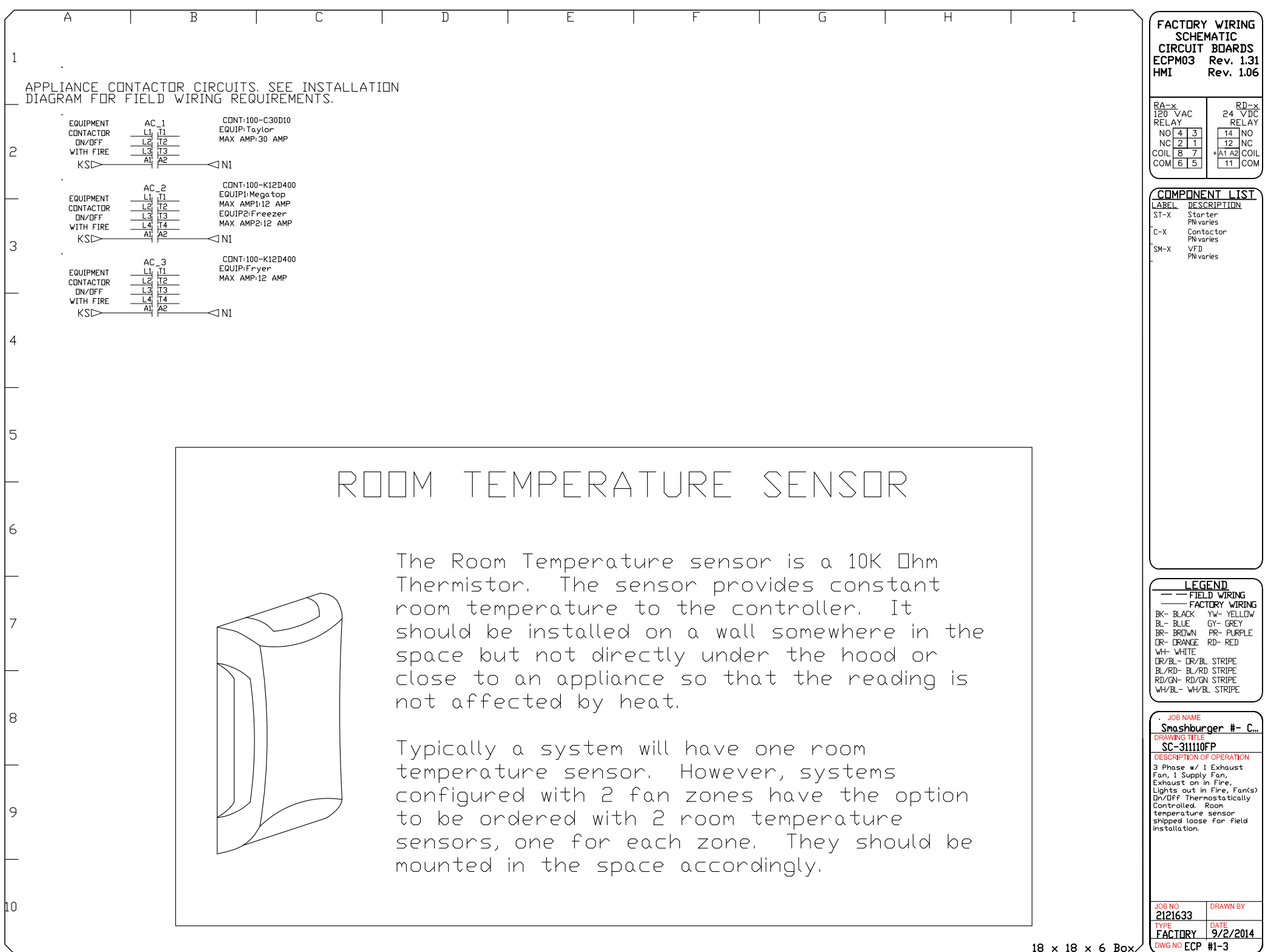
6547 South Racine Circle, Suite 1500, Centennial, CO, 80111 PHONE: (720) 570-0861 FAX: (919) 227-5899 EMAIL: reg42@captiveaire.com

Smashburger #- City, State	DATE: 9/2/2014
	DWG.#: 2121633
	DRAWN BY: MAR-42
	SCALE: 3/4" = 1'-0"
	MASTER DRAWING
	SHEET NO. 2

NO.	TAG	PACKAGE #	LOCATION	SWITCHES		OPTION	FANS CONTROLLED				
				LOCATION	QUANTITY		TYPE	Ø	H.P.	VOLT	FLA
1		SC-311110FP	Utility Cabinet Right	Utility Cabinet Right	1 Light	Smart Controls Thermostatic Control	Exhaust	3	2.000	208	6.2
				Hood # 1	1 Fan		Supply	3	1.500	208	4.7

Hood Control Panel Specifications:

- Controls shall be listed by ETL (UL 508A)
- The control enclosure shall be NEMA 1 rated and listed for installation inside of the exhaust hood utility cabinet. The control enclosure may be constructed of stainless steel or painted steel.
- Temperature probe(s) located in the exhaust duct riser(s) shall be constructed of stainless steel.
- A digital thermostat controller shall be provided to activate the hood exhaust fans dynamically based on a +10 degree adjustable offset from the room temperature sensor. This function shall meet the requirements of IMC 507.2.11
- A digital thermostat controller shall provide adjustable hysteresis settings to prevent cycling of the fans after the cooking appliances have been turned off and/or the heat in the exhaust system is reduced.
- A digital thermostat controller shall provide an adjustable minimum fan run-time setting to prevent fan cycling.
- A digital thermostat controller shall disable the supply fan(s), activate the exhaust fan(s), activate the appliance shunt trip, and disable an electric gas valve automatically under the following conditions (as applicable):
 - a. Fire condition detected on a covered hood
 - b. Excessive temperature detected on any duct temperature sensor in the system (250 F adjustable)
- A digital thermostat controller shall allow for external BMS fan control via Dry Contact (external control shall not override fan operation logic as required by code).
- An LCD interface shall be provided with the following features:
 - a. On/Off push button fan & light switch activation
 - b. Integrated gas valve reset for electronic gas valves (no reset relay required)
 - c. Fan starter overload trip detection with audible & visual alarm notification.
 - d. Duct temperature sensor failure detection with audible & visual alarm notification
 - e. Mis-wired duct temperature sensor detection with audible & visual alarm notification
 - f. A single low voltage Cat-5 RJ45 wiring connection



REVISIONS		
	DESCRIPTION	DATE:
△		
△		
△		
△		

CAPTIVE

Smashburger #- City, State

DATE: 9/2/2014

DWG.#:
2121633

DRAWN BY: MAR-42

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

MASTER DRAWING

SHEET NO.

PLUMBING NOTES

1. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS AND ELEVATIONS OF ALL PLUMBING FIXTURES.
2. ALL PLUMBING WORK SHALL BE INSTALLED IN ACCORDANCE WITH THE APPROPRIATE PLUMBING CODE WITH CITY, STATE AMENDMENTS AND ALL APPLICABLE LOCAL CODES AND ORDINANCES.
3. ALL PIPING ABOVE GRADE SHALL BE PROPERLY SUPPORTED FROM THE BUILDING STRUCTURE AND SHALL NOT REST ON CEILING TILES OR BE SUPPORTED FROM CEILING TILES.
4. WATER PIPING ROUTED ABOVE CEILING AND IN EXTERIOR WALLS SHALL BE ROUTED ON HEATED SIDE (UNDERSIDE) OF CEILING INSULATION AND HEATED SIDE (INSIDE) OF WALL INSULATION.
5. SANITARY AND DRAINAGE PIPING 2" AND SMALLER SHALL BE SLOPED AT 1/4" PER FOOT MINIMUM, PIPING 3" AND LARGER SHALL BE SLOPED AT 1/8" PER FOOT MINIMUM.
6. TOPS OF ALL FLOOR DRAINS AND CLEANOUTS SHALL BE SET FLUSH WITH FINISHED FLOOR. ALL FINISHED FLOORS SHALL BE SLOPED TO FLOOR/AREA DRAINS.
7. TRAP PRIMERS ARE TO BE PROVIDED ON ALL FLOOR DRAINS AND HUB DRAINS. TP-L LAVATORY WASTE TRAP PRIMERS ARE TO BE PROVIDED ON DRAINS IN PUBLIC RESTROOMS, GUEST ROOMS, AND OTHER AREAS WITH DRAINS ADJACENT TO LAVATORIES. TP-A AUTOMATIC TRAP PRIMERS ARE TO BE PROVIDED IN ALL OTHER REQUIRED LOCATIONS.
8. PLUMBING AND FIRE PROTECTION PIPING IS NOT TO BE INSTALLED IN ELECTRICAL ROOMS OR WALK IN COOLERS.
9. LOCATE ALL SECTIONAL OR MAIN CONTROL VALVES WITHIN 1'-0" FROM ACCESS PANELS, CEILING TILES, OR OTHER POINT OF ACCESS.
10. ALL COLD WATER, HOT WATER AND DRAIN PIPING AT HANDICAPPED FIXTURES SHALL BE INSULATED WITH HANDELAV GUARD MODELS 102 AND 105 INSULATION KITS. ALL WATER CLOSET FLUSH VALVES SHALL BE MOUNTED ON THE APPROACH SIDE OF FIXTURE IN ORDER TO COMPLY WITH ADA AND LOCAL ACCESSIBILITY REQUIREMENTS.
11. PROVIDE SHOCK ABSORBERS SIZED PER PDI SPECIFICATIONS ON ALL DOMESTIC WATER LINES SERVING FLUSH VALVE FIXTURES, WASHING MACHINES SUPPLIES, PRV STATIONS AND OTHER INSTALLATIONS WITH QUICK CLOSING VALVES.
12. PROVIDE REDUCED PRESSURE BACKFLOW PREVENTORS AT ALL DOMESTIC WATER CONNECTIONS TO MECHANICAL EQUIPMENT AND VENDING EQUIPMENT CONNECTIONS AS REQUIRED BY LOCAL CODE AND AUTHORITIES. BACKFLOW PREVENTORS ARE TO BE LOCATED WITH A MINIMUM OF 1'-0" CLEARANCE AT THE LOWEST POINT AND AT NO MORE THAN 5'-0" ABOVE FLOOR AT THE HIGHEST POINT OF THE DEVICE. BACKFLOW DEVICE IS TO BE APOLLO/CONBRACO MODEL RPLF4A.
13. PROVIDE MANUFACTURED EXPANSION DEVICE OR FABRICATED EXPANSION LOOP ON ALL PIPING SYSTEMS CROSSING BUILDING EXPANSION JOINTS.
14. CONTRACTOR SHALL COORDINATE ELECTRICAL CHARACTERISTICS AND REQUIREMENTS OF ALL PLUMBING EQUIPMENT WITH THE ELECTRICAL DRAWINGS AND THE ELECTRICAL CONTRACTOR, AND SHALL FURNISH EQUIPMENT WIRED FOR THE VOLTAGES SHOWN THEREIN.
15. ALL PLUMBING EQUIPMENT, PIPING, INSULATION, ETC. INSTALLED IN HVAC PLENUM SPACES SHALL MEET CODE REQUIREMENTS FOR SMOKE AND COMBUSTIBILITY.
16. ALL PIPE PENETRATIONS OF FIRE AND/OR SMOKE RATED ASSEMBLIES SHALL BE FIRE STOPPED AS REQUIRED TO RESTORE ASSEMBLY TO ORIGINAL INTEGRITY. FIRE BARRIER PRODUCTS SHALL BE AS MANUFACTURED BY 3M COMPANY, CP25 CAULK, CS195 COMPOSITE PANEL, FS195 WRAP/SINK, TREMCO, HILTI, METACAULK, NELSON, OR PSS 7900 SERIES SYSTEMS AS RECOMMENDED BY MANUFACTURER FOR PARTICULAR APPLICATIONS, OR EQUIVALENT SYSTEM AS APPROVED BY LOCAL CODE OFFICIALS. ALSO, REFER TO DIVISION 7 - THERMAL AND MOISTURE PROTECTION.
17. DOMESTIC WATER TO ICE MACHINE SHALL BE PIPED SO AN OWNER SUPPLIED IN-LINE FILTER WITH BY-PASS CAN BE INSTALLED.
18. ALL VENT THRU ROOF PENETRATIONS SHALL BE ROUTED TO TERMINATE AT THE LEAST VISIBLE LOCATION FROM THE ENTRY VIEW.
19. ALL EXPOSED PVC PIPING ON ROOF TOP MUST BE PAINTED IF REQUIRED BY LANDLORD OR LOCAL JURISDICTION.

PLUMBING MATERIALS

1. COLD AND HOT WATER PIPING ABOVE GRADE SHALL BE TYPE L HARD DRAWN COPPER TUBING CONFORMING TO ASTM B-88 WITH SWEAT JOINTS AND CAST OR WROUGHT FITTINGS. ALL JOINTS SHALL BE MADE WITH LEAD FREE SOLDER. DOMESTIC COLD WATER SERVICE PIPING BELOW GRADE SHALL BE CEMENT LINED DUCTILE IRON PIPE WITH PUSH-ON JOINTS. DOMESTIC WATER BRANCH PIPING BELOW GRADE SHALL BE PROTECTED WITH SLEEVES AT ALL PENETRATIONS THROUGH CONCRETE.
2. VENT AND STORM DRAIN PIPING ABOVE GROUND SHALL BE NO-HUB CAST-IRON WITH STAINLESS STEEL COUPLINGS, OR SCHEDULE 40 DWV PVC WITH SOLVENT JOINTS IF APPROVED BY LOCAL CODE OFFICIAL. PVC PIPING SHALL NOT BE LOCATED IN RETURN AIR PLENUM SPACES.
3. ALL ABOVE GROUND SANITARY WASTE PIPING IS TO BE TYPE-L COPPER.
4. SANITARY WASTE AND STORM PIPING BELOW GRADE SHALL BE SCHEDULE 40 DWV PVC WITH SOLVENT JOINTS, OR PIPING SHALL BE CAST IRON WITH STAINLESS STEEL COUPLINGS IF REQUIRED BY LANDLORD OR LOCAL JURISDICTION.
5. NATURAL GAS PIPING ABOVE GRADE SHALL BE SCHEDULE 40 BLACK STEEL WITH THREADED JOINTS. NATURAL GAS PIPING BELOW GRADE SHALL BE SCHEDULE 40 BLACK STEEL WITH FACTORY APPLIED PLASTIC COATING, WELDED JOINTS, COATED WITH BITUMASTIC AND WRAPPED WITH TAPE COATING AT ALL JOINTS.
6. ALL ABOVE GRADE HOT AND COLD DOMESTIC WATER, AND RE-CIRCULATION PIPING SHALL BE INSULATED EXCEPT AT HORIZONTAL CHASE BRANCH PIPING TO INDIVIDUAL PLUMBING FIXTURES AND ON VERTICAL RISERS WITHIN SEALED CHASES. ALL HOT WATER, HOT WATER RETURN PIPING ABOVE GRADE SHALL BE INSULATED WITH 1 INCH NOMINAL THICKNESS PIPE INSULATION WITH VAPOR BARRIER JACKET. ALL COLD WATER PIPING ABOVE GRADE SHALL BE INSULATED WITH 1/2 INCH THICKNESS INSULATION ON PIPING 2" AND SMALLER, 1" THICK INSULATION ON PIPING 2 1/2" AND LARGER. OWENS-CORNING ASJ/SSLII OR EQUAL. ALL HORIZONTAL STORM DRAIN PIPING AND ROOF DRAIN BODIES SHALL BE INSULATED WITH 1/2" THICK BATT INSULATION.

DRAINAGE PRODUCTS/SPECIALTIES

UNLESS OTHERWISE INDICATED NUMBERS ARE JAY R. SMITH. APPROVED EQUAL PRODUCTS: ZURN, JOSAM, WADE, WATTS AND PRECISION PLUMBING PRODUCTS

CO - EXPOSED CLEANOUT - UNFINISHED AREAS
JAY R. SMITH FIG. 4420 CAST BRONZE COUNTERSUNK PLUG WITH SLOT TO RECEIVE 1/2" THICK STEEL BAR STOCK.

WCO - WALL CLEANOUT - FINISHED AREAS JAY R. SMITH FIG. 4436 C.I. FERRULE FOR NO HUB OR SERVICE WEIGHT PIPE, NICKEL BRONZE ROUND FRAME AND COVER WITH SECURING SCREWS.

FCO - TILE FLOORS
JAY R. SMITH FIG. 4151 C.I. CLEANOUT WITH GASKET SEAL THREADED PLUG FOR EASY REMOVAL, ADJUSTABLE ROUND NICKEL BRONZE TOP RECESSED FOR TILE WITH SECURING SCREW, SPEEDI-SET OUTLET CONNECTION.

FD-G - FLOOR DRAINS-GENERAL/RESTROOMS
JAY R. SMITH FIG. 2005-B6 SERIES C.I. FLOOR DRAIN WITH 6" DIAMETER SQUARE NICKEL BRONZE STRAINER, SPEEDI-SET OUTLET CONNECTION AND TRAP PRIMER CONNECTION.

FD-K - FLOOR DRAINS-GENERAL/KITCHEN
JAY R. SMITH FIG. 2005/2010-B6-B SERIES C.I. FLOOR DRAIN WITH 6" DIAMETER SQUARE NICKEL BRONZE STRAINER WITH SEDIMENT BUCKET, SPEEDI-SET OUTLET CONNECTION AND TRAP PRIMER CONNECTION.

FS - FLOOR SINK
JAY R. SMITH FIG. 3430 SERIES, CAST IRON WITH ACID RESISTANT COATING, 12" SQUARE x 8" DEEP, ALUMINUM DOME BOTTOM STRAINER, NICKEL BRONZE HALF OR THREE QUARTER GRATE AS REQUIRED BY THE EQUIPMENT SERVED.

TP-A - AUTOMATIC TRAP PRIMER
PPP PRIME-RITE SERIES AUTOMATIC TRAP PRIMER WITH MULTIPLE OUTLET DISTRIBUTION UNITS AS REQUIRED.

TP-L - TRAP PRIMER
JAY R. SMITH FIG. 2698 WATER SAVER TRAP PRIMER WITH 1-1/4" INLET AND OUTLET, 17 GAUGE SATIN CHROME-PLATED P-TRAP.

WATER HAMMER ARRESTORS
P.P.P. SYSTEM RATED PLUS SERIES COPPER WATER HAMMER ARRESTORS. INSTALL IN AN UPRIGHT POSITION AT ALL FLUSH VALVES, WASHING MACHINE SUPPLIES, DISHWASHERS, PRV STATIONS, AND OTHER QUICK CLOSING VALVES, SOLENOIDS AND PLUMBING FIXTURES. LOCATE AND SIZE AS INDICATED ON DRAWINGS. WHERE NOT SHOWN ON DRAWINGS, LOCATE AND SIZE IN ACCORDANCE WITH PDI STANDARD WH-201.

NFWH - WALL HYDRANT-EXTERIOR
JAY R. SMITH FIG. 5509-QT NON FREEZE 3/4" CAST BRONZE HYDRANT WITH RECESSED STAINLESS STEEL BOX AND FRAME INTEGRAL VACUUM BREAKER, NICKEL BRONZE FACE, AND SIZED IN ACCORDANCE WITH WALL THICKNESS.

PLUMBING SHEET INDEX

SHEET NO.	SHEET NAME
P001	PLUMBING NOTES, SCHEDULES AND LEGENDS
P002	PLUMBING DETAILS
P003	PLUMBING DETAILS
P100	PLUMBING UNDEFLOOR PLAN
P101	PLUMBING WATER SUPPLY PLAN
P102	PLUMBING VENTING & GAS SUPPLY PLAN

ARCHITECT
TO REPLACE
WITH LOGO

ARCHITECT NAME
ARCHITECT ADDRESS, SUITE XXX
CITY, STATE ZIP CODE
PHONE: (XXX) XXX-XXXX
FAX: (XXX) XXX-XXXX
EMAIL: ARCHITECT@EMAIL.COM
CONTACT NAME

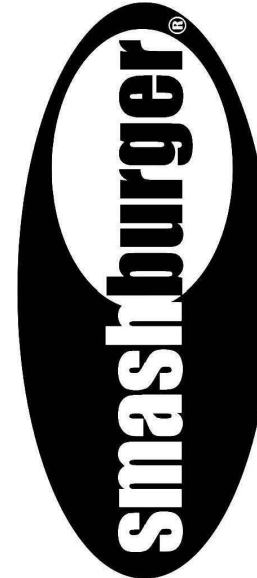
CONSULTANT:

ENGINEER
TO REPLACE
WITH LOGO

ENGINEER NAME
ARCHITECT ADDRESS, SUITE XXX
CITY, STATE ZIP CODE
PHONE: (XXX) XXX-XXXX
FAX: (XXX) XXX-XXXX
EMAIL: ENGINEER@EMAIL.COM
CONTACT: CONTACT NAME
JOB NUMBER: JOB NUMBER

ENGINEER
TO REPLACE
WITH SEAL

SEAL:



EXAMPLE PROJECT
12345 EXAMPLE STREET
SUITE 123
CITY, STATE 98765

SHEET TITLE:
PLUMBING NOTES &
LEGENDS

DATE

REVISIONS:

NO:	DATE:	BY:	DESCRIPTION:

PROJECT NO: XXXXXX

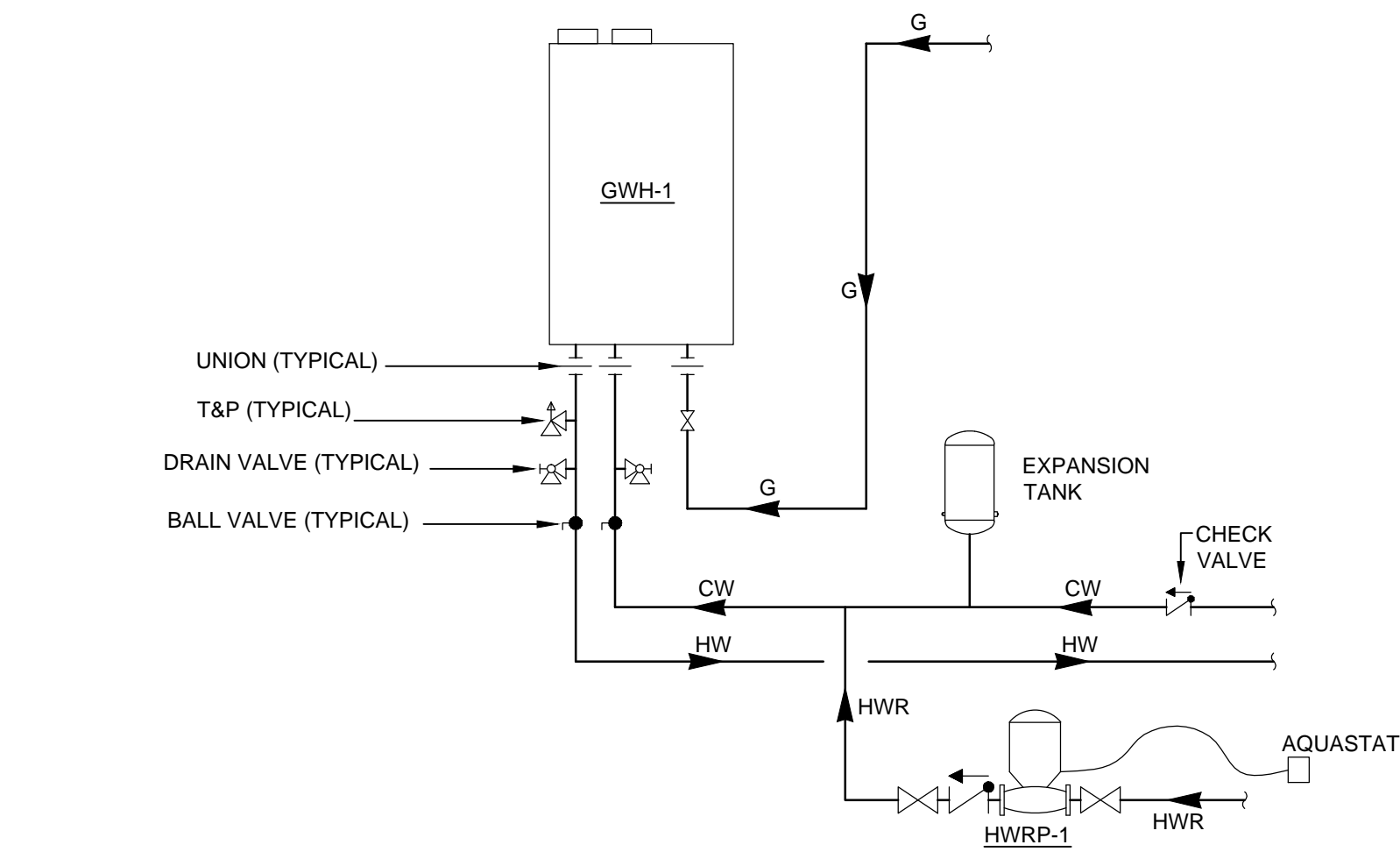
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P001

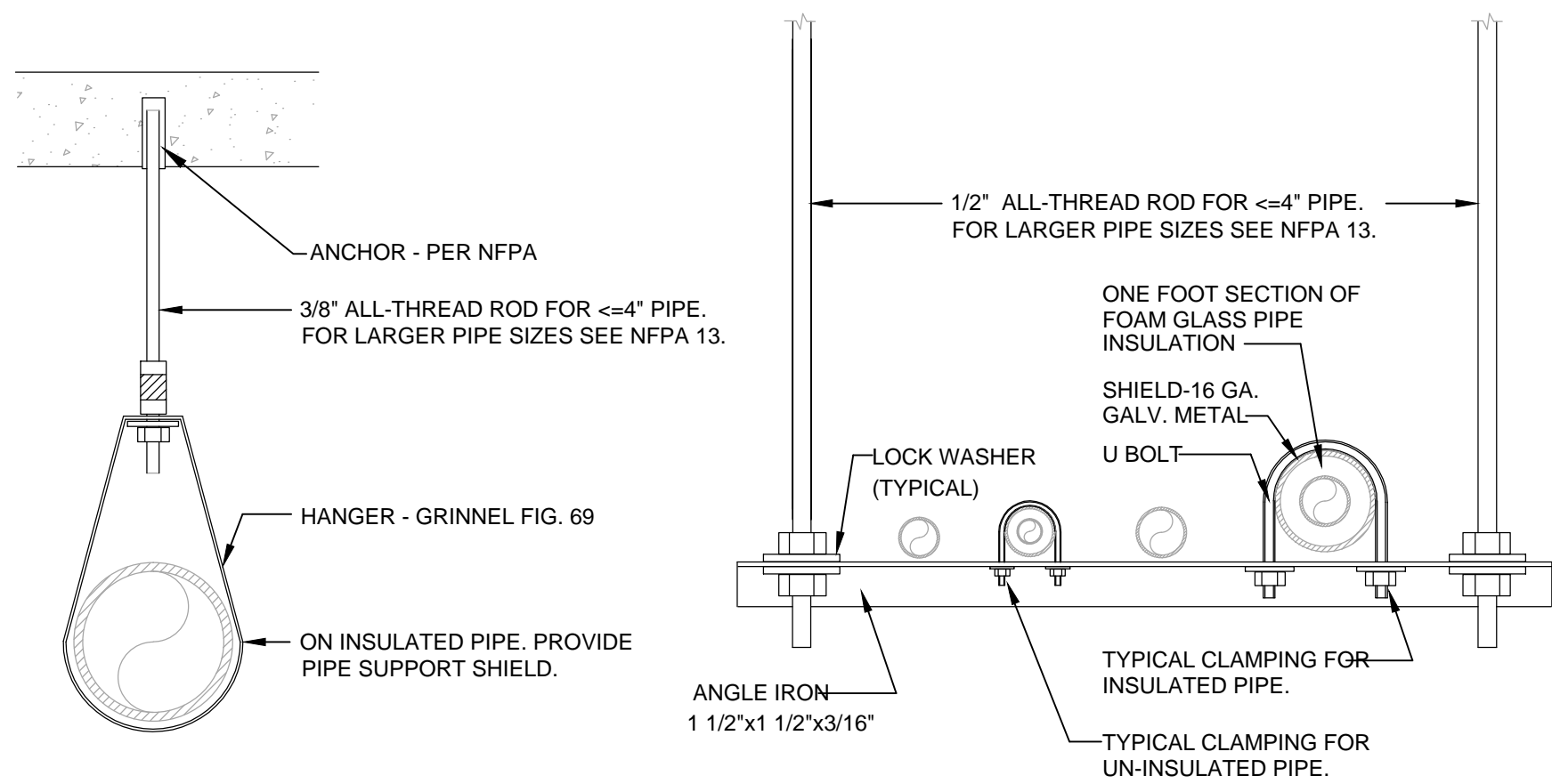
PLUMBING LEGEND

SYMBOL	ABBREVIATION	DESCRIPTION
	A/F	ABOVE FLOOR
	B/F	BELOW FLOOR
	BV	HOT WATER RETURN BALANCING VALVE
	CW	COLD WATER PIPING
	DN	PIPING TURNING DOWN
	FCO	FLOOR CLEANOUT
	FD	FLOOR DRAIN
	GV	GATE/BALL VALVE
	HD	HUB DRAIN
	HW	HOT WATER PIPING
	HWR	HOT WATER RETURN PIPING
	---	P-TRAP
	TP	TRAP PRIMER
	UP	PIPING TURNING UP
	V	VENT PIPING
	VTR	VENT THRU ROOF
	WCO	WALL CLEANOUT

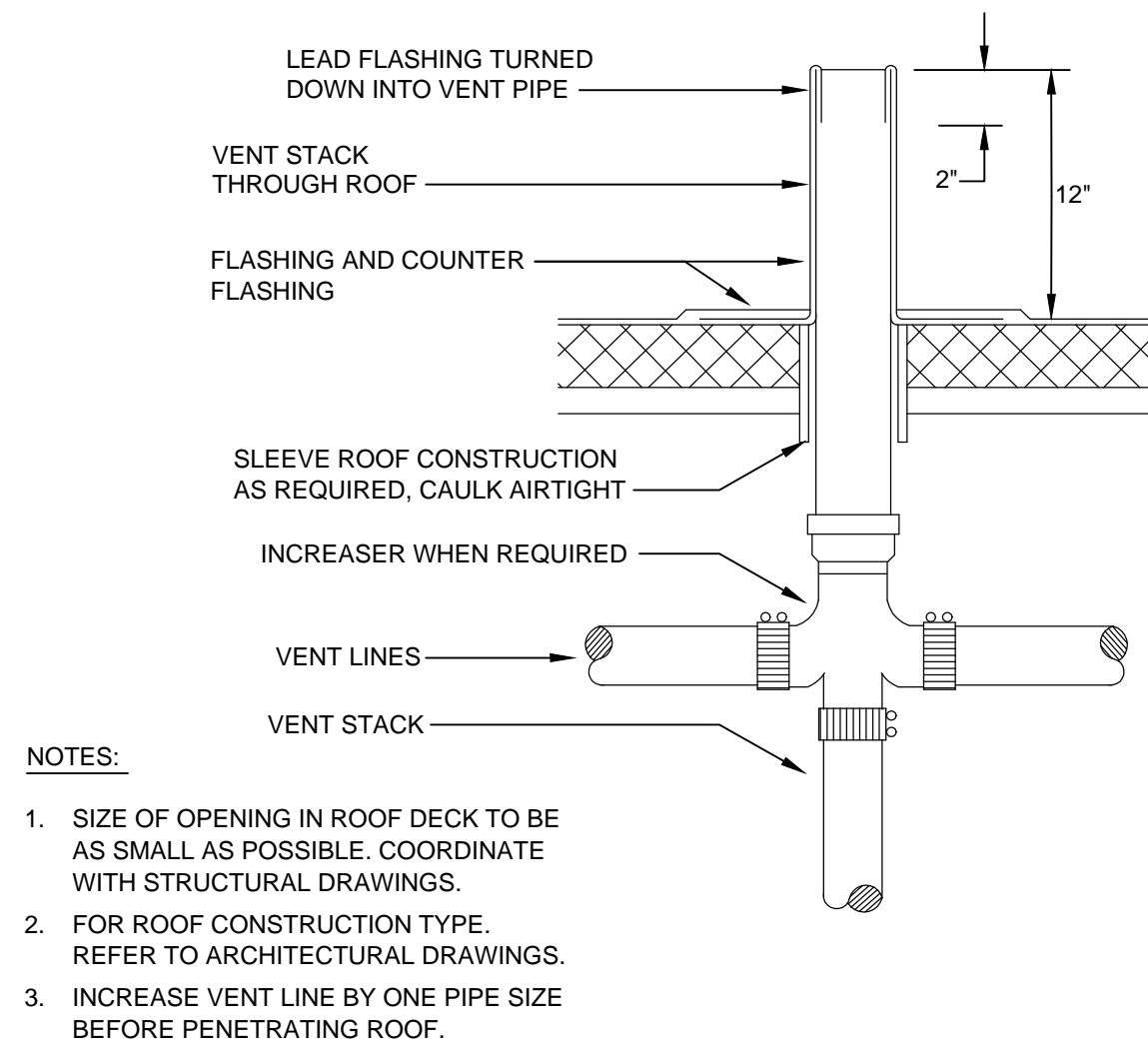
NOTE: NOT ALL SYMBOLS SHOWN ARE NECESSARILY USED.



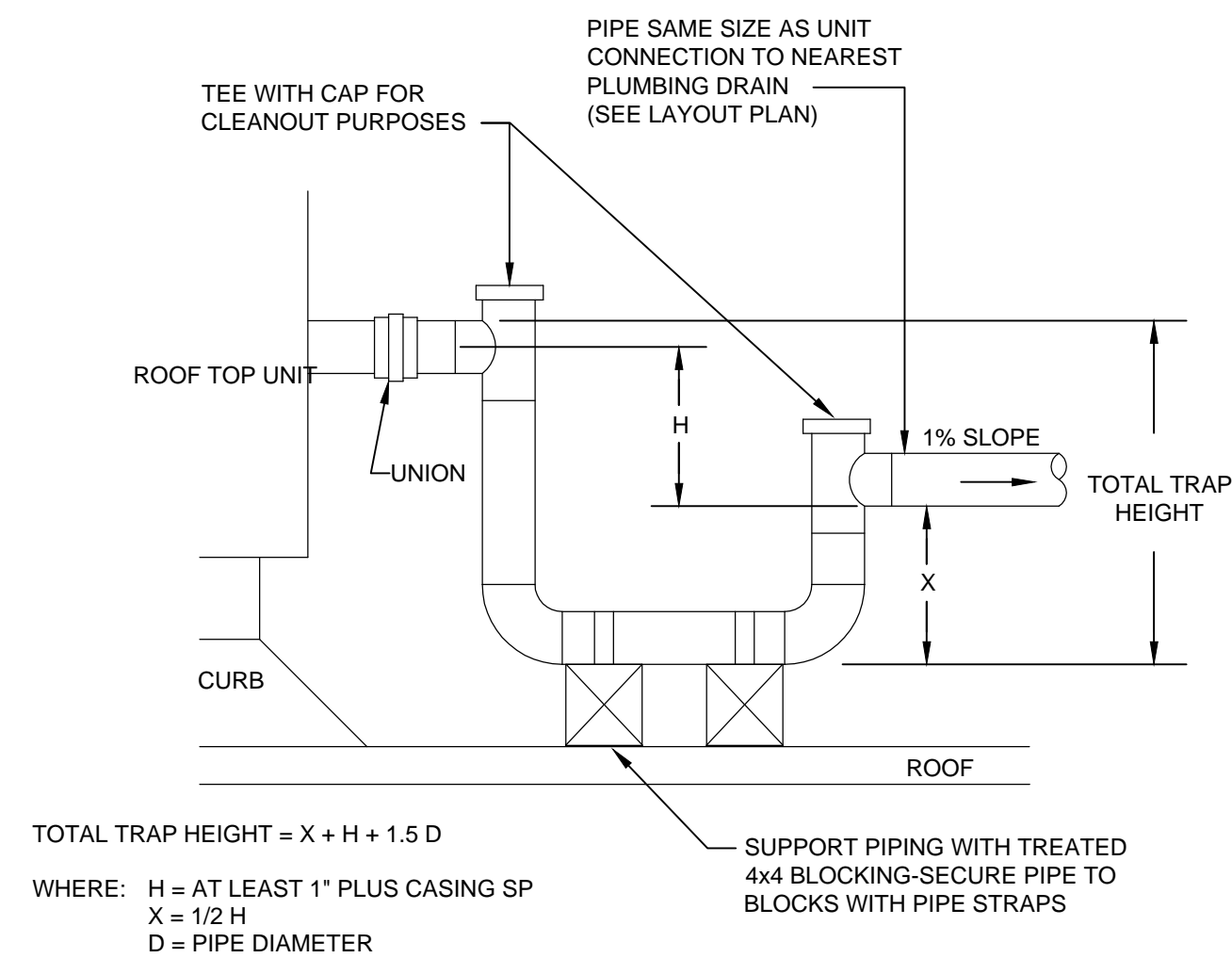
1 GAS WATER HEATER
P002 SCALE: N.T.S



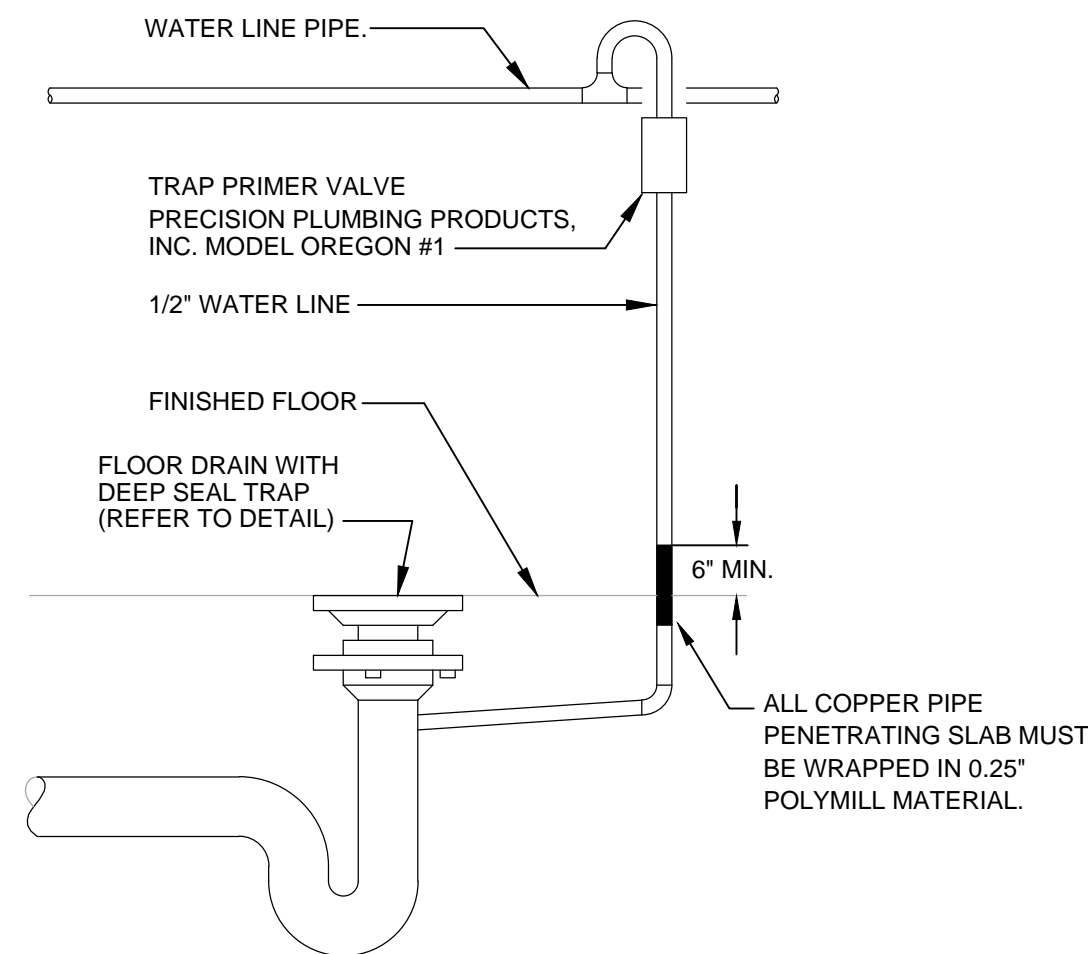
2 PIPE HANGERS
P002 SCALE: N.T.S



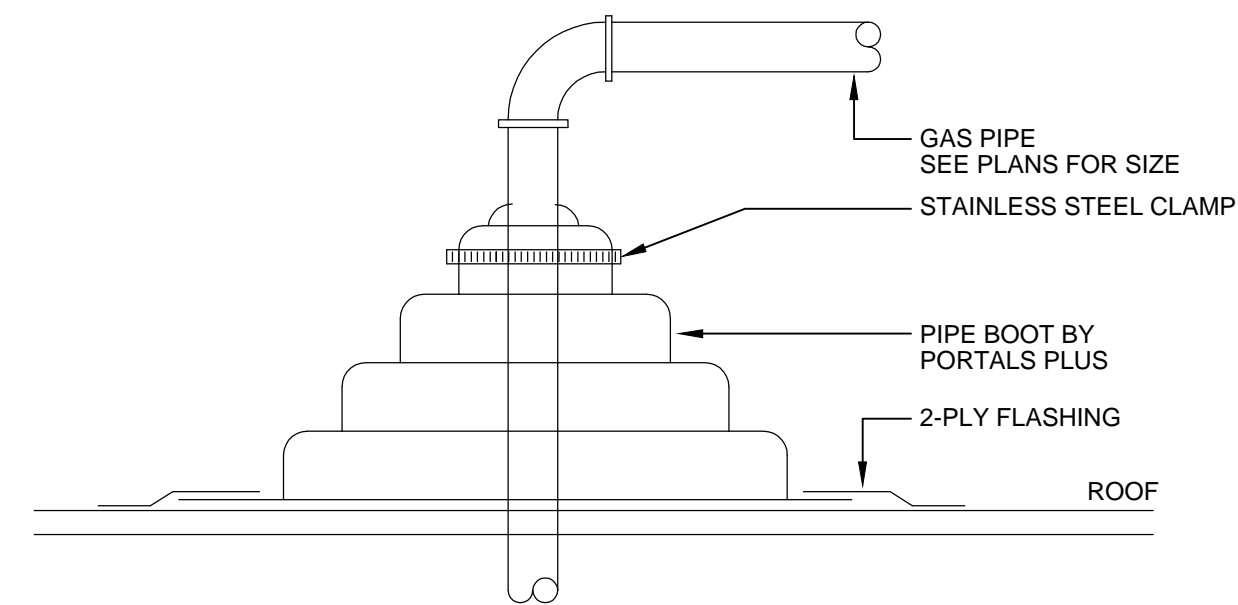
3 VENT STACK PENETRATION
P002 SCALE: N.T.S



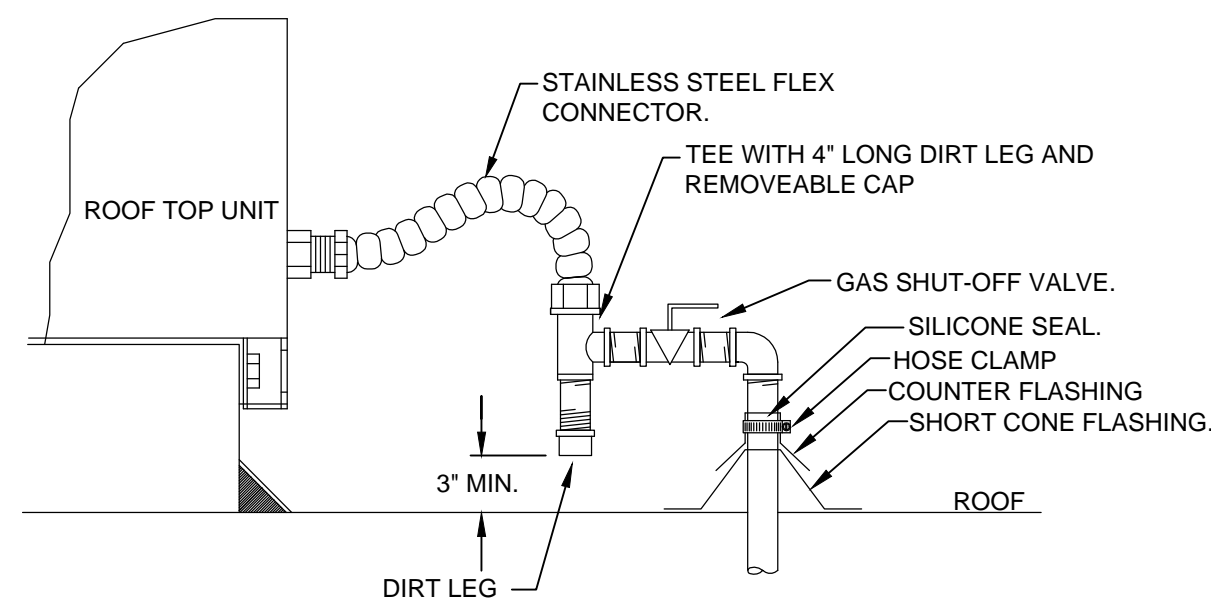
4 CONDENSATE TRAP
P002 SCALE: N.T.S



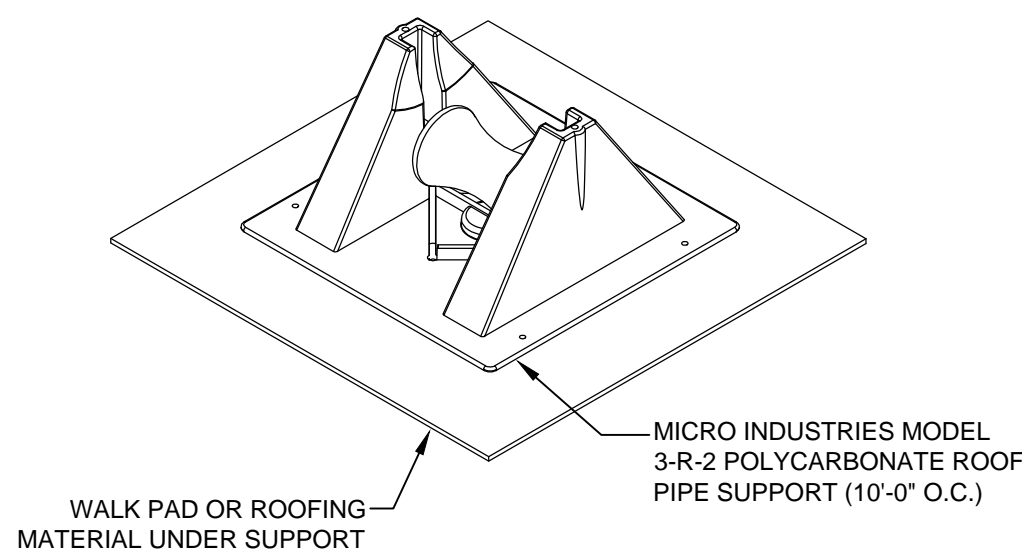
5 TRAP PRIMER
P002 SCALE: N.T.S



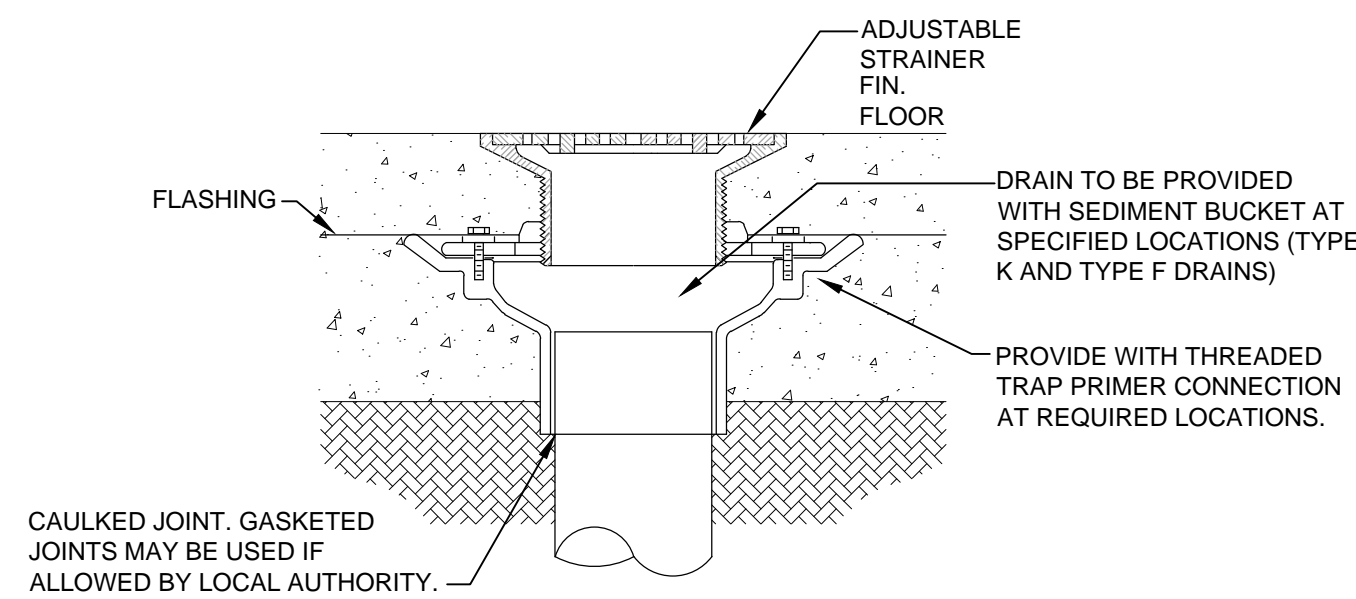
6 GAS ROOF PENETRATION
P002 SCALE: N.T.S



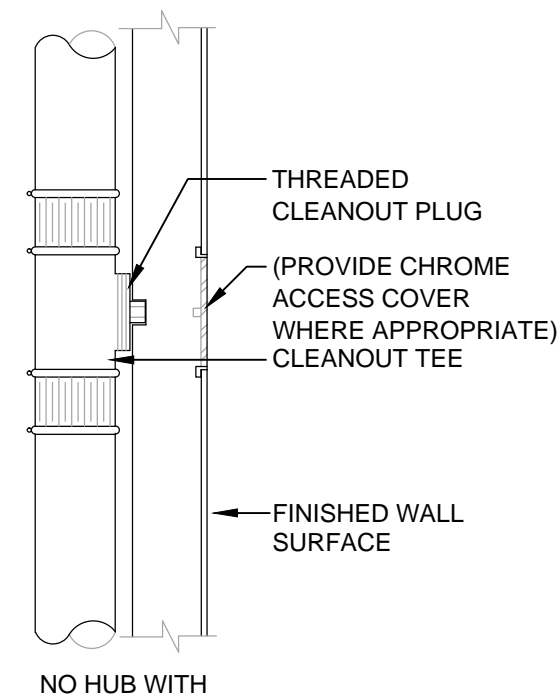
7 GAS PIPE CONNECTION
P002 SCALE: N.T.S



8 GAS ROOFTOP SUPPORT
P002 SCALE: N.T.S



9 FLOOR DRAIN
P002 SCALE: N.T.S



10 TYPICAL WALL CLEANOUT
P002 SCALE: N.T.S

ARCHITECT
TO REPLACE
WITH LOGO

ARCHITECT NAME
ARCHITECT ADDRESS, SUITE XXX
CITY, STATE ZIP CODE
PHONE: (XXX) XXX-XXXX
FAX: (XXX) XXX-XXXX
EMAIL: ARCHITECT@EMAIL.COM
CONTACT NAME

CONSULTANT:

ENGINEER
TO REPLACE
WITH LOGO

ENGINEER NAME
ARCHITECT ADDRESS, SUITE XXX
CITY, STATE ZIP CODE
PHONE: (XXX) XXX-XXXX
FAX: (XXX) XXX-XXXX
EMAIL: ENGINEER@EMAIL.COM
CONTACT: CONTACT NAME
JOB NUMBER, JOB NUMBER

SEAL:

ENGINEER
TO REPLACE
WITH SEAL

EXAMPLE PROJECT
12345 EXAMPLE STREET
SUITE 123
CITY, STATE 98765

SHEET TITLE:
PLUMBING DETAILS

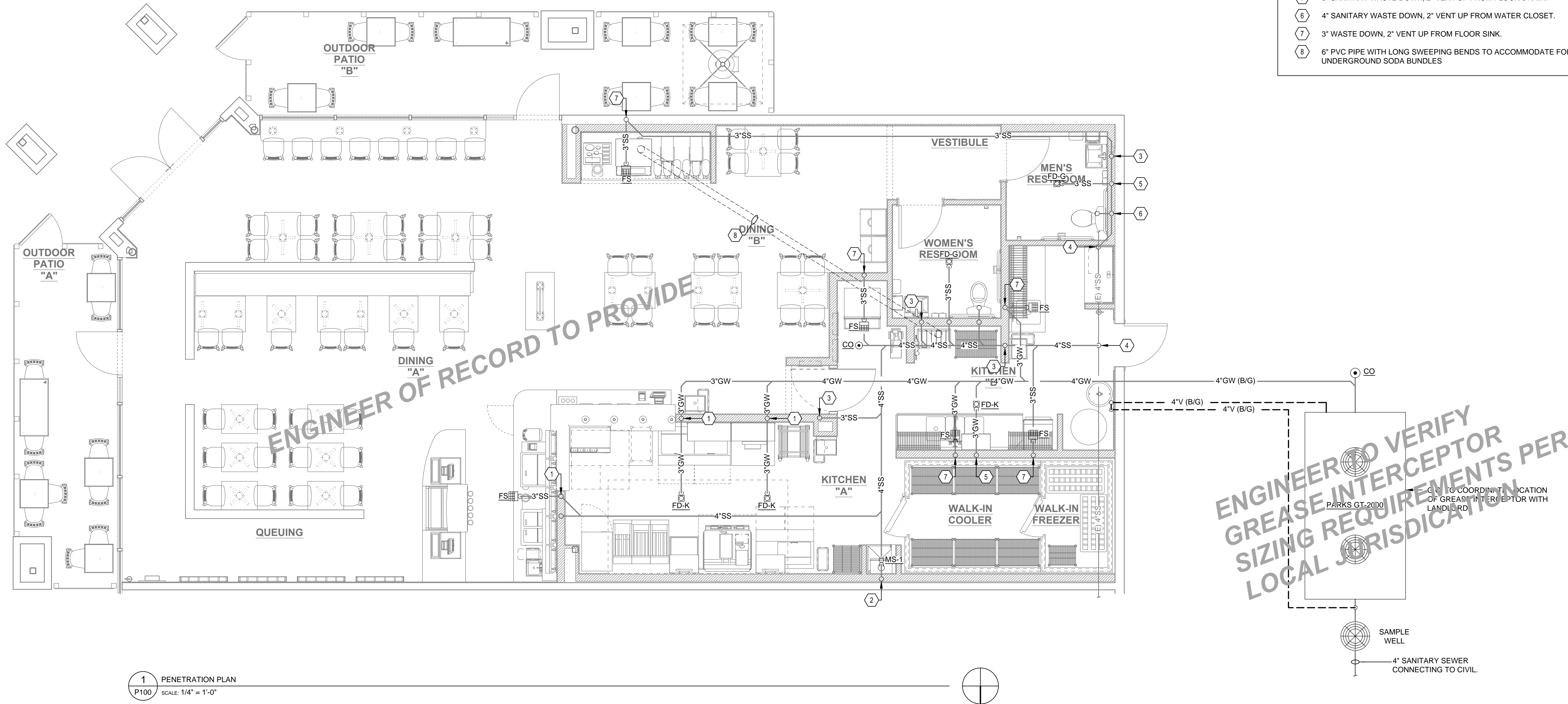
DATE

REVISIONS:
NO. DATE BY DESCRIPTION

PROJECT NO: XXXXXX

DRAWN BY: ABC

P002



1 PENETRATION PLAN
P100 SCALE: 1/4" = 1'-0"

GENERAL NOTES

- CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL CONDITIONS AND IS ALSO RESPONSIBLE FOR REPORTING ANY CONFLICTS.
- IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO VERIFY ALL EQUIPMENT ROUGH-INS WITH THE APPROPRIATE SUPPLIER AND DETERMINE THE MOST FEASIBLE AND ECONOMICAL LOCATION TO INSTALL THE NEW WASTE LINE BELOW THE EXISTING SLAB, BASED ON CURRENT PLUMBING CONDITIONS.
- TOP OF FLOOR DRAIN IS TO BE FLUSH WITH THE FINISHED FLOOR.
- CONTRACTOR IS TO PROVIDE AS BUILT DRAWINGS AT THE COMPLETION OF THE PROJECT.
- ALL HOT AND COLD WATER PIPING TO BE INSULATED. DIRECTION OF FLOW ARROWS MUST BE INSTALLED ON ALL WATER PIPING.
- HOLD ALL WATER SUPPLY PIPING TIGHT TO STRUCTURE WHEN POSSIBLE. COORDINATE WITH OTHER EQUIPMENT. HIDE PIPING IN WALL WHENEVER POSSIBLE.
- SEE PIPE MATERIAL SCHEDULE ON SHEET P001 FOR APPROVED PIPE MATERIALS. COORDINATE WITH AUTHORITY HAVING JURISDICTION.
- REFER TO ARCHITECTURAL PENETRATION PLAN FOR DIMENSIONED LOCATIONS OF ALL FLOOR DRAINS, FLOOR SINKS AND CLEAN OUTS

KEYED NOTES

- 2" VENT UP FROM SANITARY/GREASE LINE BELOW INTO CEILING SPACE.
- 3" SANITARY WASTE DOWN, 2" VENT UP FROM MOP SINK.
- 3" WASTE DOWN, 2" VENT UP FROM HAND SINK/LAVAORY.
- CONNECT TO EXISTING 4" SANITARY WASTE SYSTEM.
- 3" SANITARY WASTE DOWN, 2" VENT UP FROM FLOOR DRAIN.
- 4" SANITARY WASTE DOWN, 2" VENT UP FROM WATER CLOSET.
- 3" WASTE DOWN, 2" VENT UP FROM FLOOR SINK.
- 6" PVC PIPE WITH LONG SWEEPING BENDS TO ACCOMMODATE FOR UNDERGROUND SODA BUNDLES

ARCHITECT
TO REPLACE
WITH LOGO

ARCHITECT NAME
ARCHITECT ADDRESS, SUITE XXX
CITY, STATE ZIP CODE
PHONE: (XXX) XXX-XXXX
FAX: (XXX) XXX-XXXX
EMAIL: ARCHITECT@EMAIL.COM
CONTACT NAME

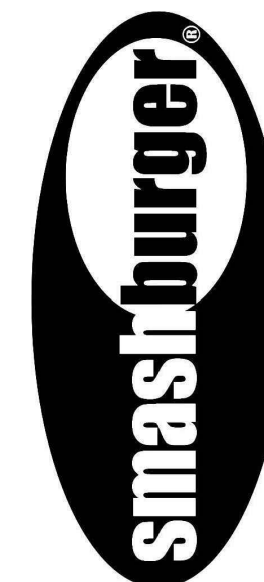
CONSULTANT:

ENGINEER
TO REPLACE
WITH LOGO

ENGINEER NAME
ARCHITECT ADDRESS, SUITE XXX
CITY, STATE ZIP CODE
PHONE: (XXX) XXX-XXXX
FAX: (XXX) XXX-XXXX
EMAIL: ENGINEER@EMAIL.COM
CONTACT: CONTACT NAME
JOB NUMBER: JOB NUMBER

ENGINEER
TO REPLACE
WITH SEAL

SEAL:



EXAMPLE PROJECT
12345 EXAMPLE STREET
SUITE 123
CITY, STATE 98765

SHEET TITLE:
PLUMBING
PENETRATION PLAN

DATE

REVISIONS:

NO:	DATE:	BY:	DESCRIPTION:

PROJECT NO: XXXXXX

DRAWN BY: ABC

P100

FIXTURE SCHEDULE

ITEM NO.	QTY	DESCRIPTION	MANUFACTURER	MODEL #	FURNISHED BY	INSTALLED BY	CW	HW	SAN. WASTE	TRIM & VALVES	ITEM NO.
WC-1	2	WATER CLOSET	AMERICAN STANDARD	447.101	PLUMBING CONTRACTOR	PLUMBING CONTRACTOR	3/4"	--	4"	AMERICAN STANDARD 5324.019 OPEN FRONT SEAT	WC-1
L-1	2	LAVATORY	KOHLER	K-2054	PLUMBING CONTRACTOR	PLUMBING CONTRACTOR	1/2"	1/2"	2"	SLOAN SF-2150 FAUCET, INSTALL PER ADA, W/ .5 GPM AERATOR	L-1

KITCHEN EQUIPMENT SCHEDULE

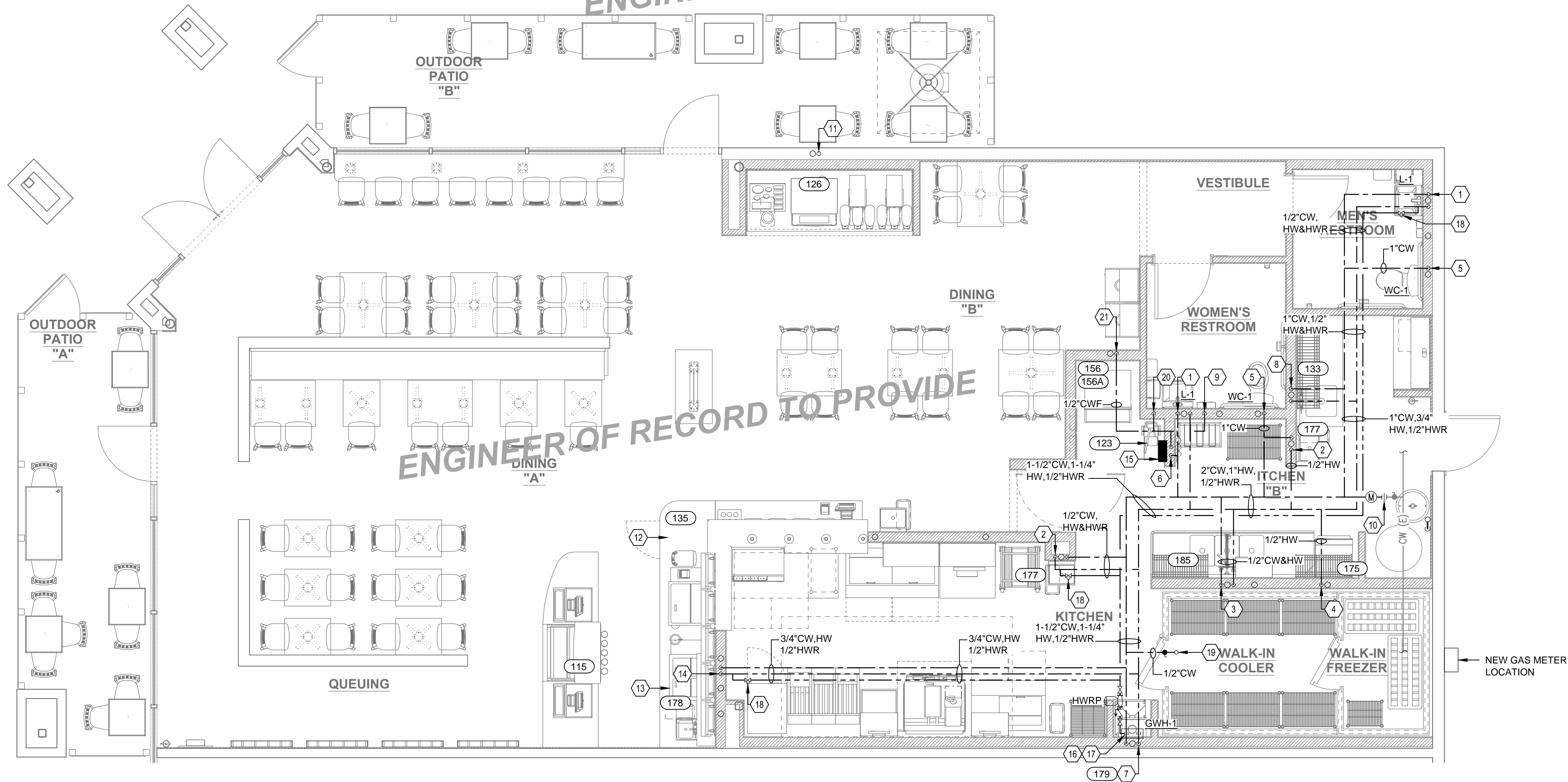
ITEM NO.	QTY	DESCRIPTION	MANUFACTURER	MODEL #	FURNISHED BY	INSTALLED BY	CW	HW	SAN. WASTE	NOTES	ITEM NO.
115	1	GRAB-N-GO	FEDERAL	LPRSS3	EQUIPMENT VENDOR	EQUIPMENT VENDOR	--	--	3" FS		115
123	1	ICE TEA BREWER	BUNN-O-MATIC	TB3Q-0059	EQUIPMENT VENDOR	EQUIPMENT VENDOR	1/2"	--	--	5'-0" A.F.F, COLD WATER IS TO BE FILTERED	123
126	1	SODA DISPENSER	LANCER	IBD4500	EQUIPMENT VENDOR	EQUIPMENT VENDOR	1/2"	--	3" FS	16" A.F.F (UNDER COUNTER), COLD WATER IS TO BE FILTERED	126
133	1	VEGETABLE PREP TABLE/SINK	JOHN BOOS & CO.	SMB-EPT6R5-3072SSW-L	EQUIPMENT VENDOR	EQUIPMENT VENDOR	1/2"	1/2" (140")	3" FS	PROVIDE ADVANCE TABCO K-50 FAUCET	133
135	1	DROP-IN HAND SINK	GLASTENDER	DI-HS14	EQUIPMENT VENDOR	EQUIPMENT VENDOR	1/2"	1/2"	--		135
156	1	ICE MACHINE	MANITOWOC	ID-0852A	EQUIPMENT VENDOR	EQUIPMENT VENDOR	1/2"	--	--	COLD WATER IS TO BE FILTERED	156
156A	1	ICE STORAGE BIN	MANITOWOC	B-570	EQUIPMENT VENDOR	EQUIPMENT VENDOR	--	--	3" FS		
175	1	DISHMACHINE	ECOLAB	OMEGA 5E	EQUIPMENT VENDOR	EQUIPMENT VENDOR	--	1/2" (140")	3" FS		175
177	2	HAND SINK	JOHN BOOS & CO.	SMB-EPT6R5-W-10-P	EQUIPMENT VENDOR	EQUIPMENT VENDOR	1/2"	1/2"	DIRECT		177
178	1	DIPPERWELL	FISHER	3041	EQUIPMENT VENDOR	EQUIPMENT VENDOR	1/2"	--	3" FS		178
179	1	MOP SINK	MUSTEE	63M	GC	GC	1/2"	1/2" (140")	3" FD	PROVIDE ADVANCE TABCO K-240 FAUCET W/ VACUUM BREAKER, MUSTEE 65.600 MOP HANGER	179
185	1	3 COMPARTMENT SINK	JOHN BOOS & CO.	SMB-3B16204-2D24	EQUIPMENT VENDOR	EQUIPMENT VENDOR	3/4"	3/4" (140")	3" FS	E.Q.V PROVIDE DORONT P-WS8B-AF12 FAUCET	185
190	1	FILTRATION SYSTEM	ECOLAB	TRIPLE FRESH2o	EQUIPMENT VENDOR	EQUIPMENT VENDOR	3/4"	--	--		190

WATER HEATER SCHEDULE

ITEM NO.	QTY	DESCRIPTION	MANUFACTURER	MODEL #	FURNISHED BY	INSTALLED BY	GAS INPUT (BTU)	WATER TEMP. DELIVERED	STORAGE CAPACITY	NOTES	ITEM NO.
GWH-1	1	GAS WATER HEATER	NORITZ	NR-123M-A-SM	PLUMBING CONTRACTOR	PLUMBING CONTRACTOR	380,000	140°	N/A	INSTALL PER MANUFACTURE'S SPECIFICATIONS	GWH-1

PUMP SCHEDULE

ITEM NO.	QTY	DESCRIPTION	MANUFACTURER	MODEL #	FURNISHED BY	INSTALLED BY	FLOW	HEAD	RPM	HP	NOTES	ITEM NO.
HWRP	1	HOT WATER RETURN PUMP	GRUNDFOS	GP-15	PLUMBING CONTRACTOR	PLUMBING CONTRACTOR	5	5	3,250	1/40	INSTALL PER MANUFACTURE'S SPECIFICATIONS, PROVIDE TIMER	GWH-1



1 WATER SUPPLY PLAN
P101 SCALE: 1/4" = 1'-0"

GENERAL NOTES

- CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL CONDITIONS AND IS ALSO RESPONSIBLE FOR REPORTING ANY CONFLICTS.
- IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO VERIFY ALL EQUIPMENT ROUGH-INS WITH THE APPROPRIATE SUPPLIER AND DETERMINE THE MOST FEASIBLE AND ECONOMICAL LOCATION TO INSTALL THE NEW WASTE LINE BELOW THE EXISTING SLAB, BASED ON CURRENT PLUMBING CONDITIONS.
- CONTRACTOR IS TO PROVIDE AS BUILT DRAWINGS AT THE COMPLETION OF THE PROJECT.
- ALL HOT AND COLD WATER PIPING TO BE INSULATED. DIRECTION OF FLOW ARROWS MUST BE INSTALLED ON ALL WATER PIPING.
- HOLD ALL WATER SUPPLY PIPING TIGHT TO STRUCTURE WHEN POSSIBLE. COORDINATE WITH OTHER EQUIPMENT. HIDE PIPING IN WALL WHENEVER POSSIBLE.
- SEE PIPE MATERIAL SCHEDULE ON SHEET P001 FOR APPROVED PIPE MATERIALS. COORDINATE WITH AUTHORITY HAVING JURISDICTION.
- PLUMBING CONTRACTOR IS TO ESTABLISH AND REPORT TO THE ENGINEER THE STATIC AND RESIDUAL PRESSURE OF THE SUPPLY WATER.
- PLUMBING CONTRACTOR IS TO CHECK THAT WALL INSULATION IS PROPERLY PLACED IN PLUMBING WALL TO PREVENT PIPES FROM FREEZING.
- CONDENSATE LINES TO P-TRAP DRAIN TO BE LOCATED INSIDE OF LEASE SPACE.

KEYED NOTES

- 1/2" HOT AND COLD WATER DOWN TO SERVE LAVATORY. PROVIDE A LEONARD TA-F MIXING VALVE SET AT 110°F.
- 1/2" HOT AND COLD WATER DOWN TO SERVE HAND SINK. PROVIDE A LEONARD TA-F MIXING VALVE SET AT 110°F.
- 3/4" HOT AND COLD WATER DOWN TO SERVE 3 COMPARTMENT SINK.
- 1/2" HOT WATER DOWN TO SERVE DISHWASHER.
- 3/4" COLD WATER DOWN TO SERVE WATER CLOSET.
- 3/4" COLD WATER DOWN TO FILTRATION SYSTEM.
- 3/4" HOT AND COLD WATER DOWN TO SERVE MOP SINK.
- 1/2" HOT WATER DOWN IN WALL TO SERVE VEGETABLE PREP SINK.
- ROUTE 1/2" FILTERED COLD WATER DOWN WALL TO CARBONATOR
- CONNECT 2" COLD WATER TO EXISTING COLD WATER WITH SUB METER PROVIDED BY TENANT. WATER METER IS TO BE A 2" SIZE BADGER RECORDALL DISC METER WITH REMOTE ELECTRONIC DISPLAY.
- 1/2" FILTERED COLD WATER FROM CONDUIT BELOW. ROUTE 1/2" FILTERED COLD WATER TO SODA DISPENSER
- 1/2" HOT AND COLD WATER TO DROP-IN HAND SINK. ROUTE WATER PIPING WITHIN CASEWORK.
- 1/2" COLD WATER ROUTED IN CASEWORK TO SERVE DIPPER WELL.
- 1/2" HOT AND COLD WATER DOWN IN WALL TO SERVE DIPPER WELL AND DROP IN HAND SINK.
- FILTRATION SYSTEM EQUIPMENT.
- 1-1/4" COLD WATER DOWN TO WATER HEATER FOR HOT WATER SUPPLY.
- 1/2" HOT WATER RETURN TO BE ROUTED BACK THROUGH WATER HEATER.
- HOT WATER RETURN BALANCING VALVE SET AT .5 GPM
- 1/2" COLD WATER UP THROUGH ROOF TO MECHANICAL MAKEUP AIR UNIT. INSTALL BALL VALVE IN CEILING SPACE FOR SHUT CAPABILITY.
- 1/2" FILTERED COLD WATER DOWN TO SERVE ICED TEA BREWING STATION.
- 1/2" FILTERED COLD WATER DOWN TO SERVE ICE MACHINE.

ARCHITECT
TO REPLACE
WITH LOGO

ARCHITECT NAME
ARCHITECT ADDRESS, SUITE XXX
CITY, STATE ZIP CODE
PHONE: (XXX) XXX-XXXX
FAX: (XXX) XXX-XXXX
EMAIL: ARCHITECT@EMAIL.COM
CONTACT NAME

CONSULTANT:

ENGINEER
TO REPLACE
WITH LOGO

ENGINEER NAME
ARCHITECT ADDRESS, SUITE XXX
CITY, STATE ZIP CODE
PHONE: (XXX) XXX-XXXX
FAX: (XXX) XXX-XXXX
EMAIL: ENGINEER@EMAIL.COM
CONTACT: CONTACT NAME
JOB NUMBER, JOB NUMBER

SEAL:

ENGINEER
TO REPLACE
WITH SEAL

Smashburger
EXAMPLE PROJECT
12345 EXAMPLE STREET
SUITE 123
CITY, STATE 98765

SHEET TITLE:
PLUMBING WATER
SUPPLY PLAN

DATE

REVISIONS:

NO.	DATE:	BY:	DESCRIPTION:

PROJECT NO: XXXXXX

DRAWN BY: ABC

P101

GAS FIRED EQUIPMENT										
ITEM NO.	QTY	DESCRIPTION	MANUFACTURER	MODEL #	FURNISHED BY	INSTALLED BY	GAS CONNECTION SIZE	GAS LOAD (BTU)	NOTES	ITEM NO.
101	1	GAS FRYER ASSEMBLY	DEAN INDUSTRIES	HD50G	EQUIPMENT VENDOR	EQUIPMENT VENDOR	1"	95,000		101
102	2	GAS HOSE ASSEMBLY	DORMONT	16100KIT2S48	EQUIPMENT VENDOR	EQUIPMENT VENDOR	--	--	TO SERVE FRYER ASSEMBLY	102
110	1	GRIDDLE	GARLAND/MS	CG-1010	EQUIPMENT VENDOR	EQUIPMENT VENDOR	1-1/4"	150,000		110
111	1	GAS HOSE ASSEMBLY	DORMONT	16100KIT2S48	EQUIPMENT VENDOR	EQUIPMENT VENDOR	--	--	TO SERVE GRIDDLE	111
GWH-1	1	GAS WATER HEATER	NORITZ	N-1321M-ASME	PLUMBING CONTRACTOR	PLUMBING CONTRACTOR	1-1/4"	380,000		GWH-1
-	1	ROOFTOP UNIT 1	SEE MECHANICAL	SEE MECHANICAL	SEE MECHANICAL	SEE MECHANICAL	1"	180,000		-
-	1	ROOFTOP UNIT 2	SEE MECHANICAL	SEE MECHANICAL	SEE MECHANICAL	SEE MECHANICAL	1-1/4"	72,000		-
G.C TO PROVIDE FINAL CONNECTIONS FOR ALL NECESSARY KITCHEN EQUIPMENT UNLESS NOTED OTHERWISE.										

GENERAL NOTES

- CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFICATION OF ALL CONDITIONS AND IS ALSO RESPONSIBLE FOR REPORTING ANY CONFLICTS.
- IT IS THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO VERIFY ALL EQUIPMENT ROUGH-INS WITH THE APPROPRIATE SUPPLIER AND DETERMINE THE MOST FEASIBLE AND ECONOMICAL LOCATION TO INSTALL THE NEW WASTE LINE BELOW THE EXISTING SLAB, BASED ON CURRENT PLUMBING CONDITIONS.
- CONTRACTOR IS TO PROVIDE AS BUILT DRAWINGS AT THE COMPLETION OF THE PROJECT.
- HOLD ALL WATER SUPPLY PIPING TIGHT TO STRUCTURE WHEN POSSIBLE. COORDINATE WITH OTHER EQUIPMENT. HIDE PIPING IN WALL WHENEVER POSSIBLE.
- SEE PIPE MATERIAL SCHEDULE ON SHEET P001 FOR APPROVED PIPE MATERIALS. COORDINATE WITH AUTHORITY HAVING JURISDICTION.
- ALL GAS PIPING IS SIZED BASED ON ____ OZ OF PRESSURE WITH A ____ FEET TOTAL DEVELOPED LENGTH. TOTAL BUILDING GAS LOAD IS ____ BTU.
- PLUMBING CONTRACTOR IS TO VERIFY EXISTING GAS PRESSURE IN FIELD.
- ALL VENTS THROUGH ROOF MUST BE A MINIMUM OF 10 FEET FROM MECHANICAL ROOFTOP UNITS AN THE MAKE UP AIR UNIT. VERIFY EXACT LOCATION OF UNITS IN FIELD.
- REFER TO MECHANICAL SHEET M001 FOR ADDITIONAL INFORMATION ON ROOFTOP UNITS IF NEEDED.
- ALL COATED FLU GAS PIPE MUST BE INSTALLED PER THE MANUFACTURE'S INSTALLATION INSTRUCTIONS.

KEYED NOTES

- 1-1/2" GAS DOWN THROUGH ROOF TO SERVE GRIDDLE AND FRYER.
- 3/4" GAS TO SERVE MECHANICAL ROOFTOP UNIT RTU-2.
- 1-1/4" GAS TO SERVE MECHANICAL ROOFTOP UNIT RTU-1.
- 1-1/2" GAS DOWN THROUGH ROOF TO SERVE WATER HEATER.
- CONNECT 2-1/2" GAS DOWN EXTERIOR WALL TO GAS METER PROVIDED BY TENANT.
- 2" VENT DOWN TO FIXTURE BELOW.
- NOT USED.
- NOT USED.
- 2" BLACK PIPE FOR PUMP OUT DRAIN (FROM CLEAN STAR), COORDINATE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.

ENGINEER OF RECORD TO PROVIDE

1 VENTING & GAS SUPPLY PLAN
SCALE: 1/4" = 1'-0"

ARCHITECT
TO REPLACE
WITH LOGO

ARCHITECT NAME
ARCHITECT ADDRESS, SUITE XXX
CITY, STATE ZIP CODE
PHONE: (XXX) XXX-XXXX
FAX: (XXX) XXX-XXXX
EMAIL: ARCHITECT@EMAIL.COM
CONTACT NAME

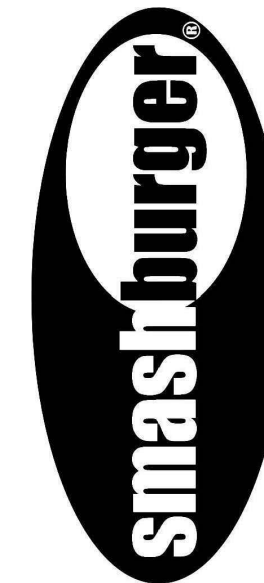
CONSULTANT:

ENGINEER
TO REPLACE
WITH LOGO

ENGINEER NAME
ARCHITECT ADDRESS, SUITE XXX
CITY, STATE ZIP CODE
PHONE: (XXX) XXX-XXXX
FAX: (XXX) XXX-XXXX
EMAIL: ENGINEER@EMAIL.COM
CONTACT: CONTACT NAME
JOB NUMBER: JOB NUMBER

ENGINEER
TO REPLACE
WITH SEAL

SEAL:



EXAMPLE PROJECT
12345 EXAMPLE STREET
SUITE 123
CITY, STATE 98765

SHEET TITLE:
PLUMBING VENTING
& GAS SUPPLY PLAN

DATE

REVISIONS:

NO.	DATE:	BY:	DESCRIPTION:

PROJECT NO: XXXXXX

DRAWN BY: ABC

P102

ELEC. ABBREVIATIONS

A	.....AMPERE
AC	.....ABOVE COUNTER
AFCI	.....ARC FAULT CIRCUIT INTERRUPTER
AFF	.....ABOVE FINISHED FLOOR
AIC	.....AMPERE INTERRUPTING CAPACITY
AL	.....ALUMINUM
ATS	.....AUTOMATIC TRANSFER SWITCH
AWG	.....AMERICAN WIRE GAUGE
BKR	.....BREAKER
CB	.....CIRCUIT BREAKER
CATV	.....COMMUNITY ANTENNA TELEVISION
CCTV	.....CLOSED CIRCUIT TELEVISION
CKT	.....CIRCUIT
CLG	.....CEILING
CPU	.....CENTRAL PROCESSING UNIT
CU	.....COPPER
CT	.....CURRENT TRANSFORMER
DN	.....DOWN
E	.....EXISTING
EX	.....EMERGENCY
FA	.....FIRE ALARM
FACP	.....FIRE ALARM CONTROL PANEL
FDR	.....FEEDER
FL	.....FLOOR
F	.....FUSE OR FUSED
FVNR	.....FULL VOLTAGE NON REVERSING
GEN	.....GENERATOR
GFCI/GFI	.....GROUND FAULT CIRCUIT INTERRUPTER
GRC	.....GALVANIZED RIGID STEEL CONDUIT
G OR GND	.....GROUND
HT	.....HEIGHT
HID	.....HIGH INTENSITY DISCHARGE
HP	.....HORSE POWER
HOA	.....HAND-OFF-AUTOMATIC
HZ	.....HERTZ
ISO	.....ISOLATED
JB	.....JUNCTION BOX
K	.....KILO, THOUSAND
KOMIL	.....THOUSAND CIRCULAR MILS
LED	.....LIGHT EMITTING DIODE
M	.....MOTOR
MATV	.....MASTER ANTENNA TELEVISION
MCB	.....MAIN CIRCUIT BREAKER
MCC	.....MOTOR CONTROL CENTER
MM	.....MOUNTING HEIGHT
ML	.....MAIN LUGS ONLY
MT	.....MOUNT
MTG	.....MOUNTING
NC	.....NORMALLY CLOSED
NEC	.....NATIONAL ELECTRICAL CODE
NF	.....NON FUSED
NFPA	.....NATIONAL FIRE PROTECTION ASSOCIATION
NIC	.....NOT IN CONTACT
NL	.....NIGHT LIGHT
NO	.....NORMALLY OPEN
NTS	.....NOT TO SCALE
P	.....POLE
PNL	.....PANELBOARD
PVC	.....POLY-VINYL CHLORIDE
RC	.....REMOTE CONTROL
RECP	.....RECEPTACLE
REF	.....REFERENCE
RMS	.....ROOT MEAN SQUARE
ST	.....SHUNT TRIP
SYM	.....SYMMETRICAL
SW	.....SWITCH
SWBD	.....SWITCHBOARD
TB	.....TERMINAL BOX
TC	.....TIME CLOCK
TEL	.....TELEPHONE
TV	.....TELEVISION
TYP	.....TYPICAL
UG	.....UNDERGROUND
UL	.....UNDERWRITER, LABORATORY
UNO	.....UNLESS NOTED OTHERWISE
UPS	.....UNINTERRUPTED POWER SUPPLY
V	.....VOLTS
VA	.....VOLT-AMPERE
W	.....WATTS
WP	.....WEATHERPROOF COVER (IN-USE TYPE FOR WET LOCATION, RECEPTACLES SHALL BE WEATHER-RESISTANT TYPE)
XFMR	.....TRANSFORMER
XP	.....EXPLOSION PROOF
Y	.....WYE
Z	.....IMPEDANCE

ELECTRICAL SPECIFICATIONS

I. SCOPE

- A. INSTALL ALL ELECTRICAL WORK COVERED BY THESE SPECIFICATIONS AND APPROVED DRAWINGS. PROVIDE ALL MATERIAL, LABOR, TRANSPORTATION, TOOLS, SUPERVISION, ETC., NECESSARY TO COMPLETE THE TOTAL ELECTRICAL JOB. ALL ITEMS NOT SPECIFICALLY MENTIONED HEREIN WHICH ARE OBVIOUSLY NECESSARY TO MAKE A COMPLETE WORKING INSTALLATION SHALL BE PROVIDED.
- B. ELECTRICAL COMPONENTS INCLUDING BUT NOT LIMITED TO CONDUCTOR SIZE, OVERCURRENT PROTECTIVE DEVICE AND DISCONNECT SWITCHES ARE BASED ON POWER REQUIREMENTS FOR EQUIPMENT SPECIFIED AS SHOWN ON THE CONTRACT DOCUMENTS. PRIOR TO INSTALLING WORK, CONTRACTOR SHALL COORDINATE ELECTRICAL REQUIREMENTS WITH EQUIPMENT OF ALL TRADES REQUIRING ELECTRICAL CONNECTIONS.
- C. FINAL CONNECTIONS TO EQUIPMENT SHALL BE PER MANUFACTURER'S APPROVED WIRING DIAGRAMS, DETAILS AND INSTRUCTIONS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE MATERIALS AND EQUIPMENT COMPATIBLE WITH ACTUAL EQUIPMENT SUPPLIED.
- D. VERIFY EXACT LOCATIONS OF EXISTING AND NEW UNDERGROUND UTILITIES, PIPING AND RACEWAY SYSTEMS PRIOR TO TRENCHING. PROVIDE NECESSARY TRENCHING, BACKFILL, EXCAVATION, SUPPORTS, SERVICES (CONDUIT AND/OR WIRE), PULLBOXES, TRANSFORMER PADS, SAWCUTTING AND PATCHING, CONCRETE/PAVING, ETC. AS REQUIRED. CONTRACTOR SHALL OBTAIN AND VERIFY EXACT UTILITY COMPANY DRAWINGS AND REQUIREMENTS.
- E. EXAMINATION OF BIDDING DOCUMENTS
1. EACH BIDDER SHALL EXAMINE THE BIDDING DOCUMENTS CAREFULLY AND MAKE WRITTEN REQUEST TO THE ARCHITECT FOR INTERPRETATION OR CORRECTION OF ANY DISCREPANCIES, AMBIGUITY, INCONSISTENCY OR ERROR THEREIN. ANY INTERPRETATION OR CORRECTION WILL BE ISSUED BY THE ARCHITECT AS AN ADDENDUM. ONLY WRITTEN INTERPRETATION OR CORRECTIONS BY ADDENDUM SHALL BE BINDING. CONTRACTOR SHALL INCLUDE IN HIS BID, LABOR, MATERIALS AND METHODS OF CONSTRUCTION FOR COMPLETE INSTALLATION. AFTER AWARD OF CONTRACT, NO ALLOWANCE OR EXTRA COMPENSATION WILL BE MADE IN BEHALF OF THE CONTRACTOR DUE TO HIS FAILURE TO MAKE THE WRITTEN REQUESTS AS DESCRIBED ABOVE.
2. FAILURE TO REQUEST CLARIFICATION OF ANY INADEQUACY, OMISSION OR CONFLICT WILL NOT RELIEVE THE CONTRACTOR OF RESPONSIBILITY. THE SIGNING OF THE CONTRACT WILL BE CONSIDERED IMPLICITLY DENOTING THAT THE CONTRACTOR HAS A THOROUGH COMPREHENSION OF THE FULL INTENT AND SCOPE OF THE WORKING DRAWINGS AND SPECIFICATIONS.

II. CODES AND FEES

- A. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE REQUIREMENTS OF THE 2011 NEC, 2009 IECC AND CURRENT ENFORCED EDITIONS OF THE N.F.P.A. 70 AND ALL LOCAL AND STATE CODES AND REGULATIONS. THE CONTRACTOR SHALL OBTAIN AND PAY FOR ALL PERMITS AND INSPECTIONS REQUIRED BY THE BUILDING AND SAFETY CODES AND ORDINANCES, AND THE RULES AND REGULATIONS OF ANY LEGAL BODY HAVING JURISDICTION. [EAR]

III. WORKMANSHIP

- A. THE DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL ARRANGEMENT OF ELECTRICAL EQUIPMENT. COORDINATE DEVICE LOCATIONS WITH DOOR SWINGS, CABINETS, COUNTERTOPS, ETC., AS INDICATED ON THE ARCHITECTURAL DRAWINGS. DO NOT SET ELECTRICAL PLANS. OBTAIN DIMENSIONS FROM ARCHITECTURAL PLANS. OBTAIN DIMENSIONS FROM ARCHITECTURAL PLANS. UNLESS INDICATED ON ELECTRICAL PLANS.
- B. COORDINATE WITH ALL OTHER TRADES AND SUBCONTRACTORS PERFORMING WORK ON THIS PROJECT. MINOR OFFSETS IN LOCATIONS OF FIXTURES, DEVICES, ETC. SHALL BE MADE TO AVOID CONFLICTS WITH OTHER TRADES. SUCH MODIFICATIONS SHALL BE APPROVED BY THE ARCHITECT PRIOR TO THE WORK BEING PERFORMED.
- C. MOUNTING HEIGHTS, UNLESS OTHERWISE NOTED, ARE TO THE CENTER LINE OF THE EQUIPMENT AND/OR DEVICE EXCEPT THE MOUNTING HEIGHT OF SUSPENDED LIGHT FIXTURES WHICH IS TO THE BOTTOM OF FIXTURE.
- D. CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACING EQUIPMENT WHICH IS DAMAGED DUE TO INCORRECT FIELD WIRING PROVIDED UNDER THIS SECTION OR FACTORY WIRING IN EQUIPMENT PROVIDED UNDER THIS SECTION.

IV. SUBSTITUTIONS

- A. ALL COST INCURRED BY THE ACCEPTANCE OF SUBSTITUTIONS SHALL BE BORNE BY THE CONTRACTOR. PROOF FOR THE EQUALITY OF SUBSTITUTIONS SHALL BE BY THE CONTRACTOR.

V. U.L. LISTING

- A. ALL ELECTRICAL ITEMS COVERED BY THIS SPECIFICATION SHALL BE U.L. LABELED AND LISTED FOR THEIR SPECIFIC USE.

VI. ELECTRICAL SERVICE

- A. THE ELECTRICAL CONTRACTOR SHALL PAY ALL COSTS REQUIRED BY THE LOCAL UTILITY COMPANY PROVIDING SERVICES INDICATED. ELECTRICAL CONTRACTOR SHALL COORDINATE METERING, TRANSFORMER PAD, CONNECTION POINTS AND GROUNDING WITH UTILITY COMPANY.
- B. ALL SERVICE ENTRANCE EQUIPMENT INCLUDING BUT NOT LIMITED TO ANY MAIN DISCONNECT SWITCH, PANEL, OR SWITCHBOARD SHALL BE LISTED AND LABELED AS "SUITABLE FOR USE AS SERVICE ENTRANCE EQUIPMENT".

VII. WARRANTY

- A. WORK SHALL BE WARRANTED FOR A PERIOD OF ONE (1) YEAR FROM THE DATE OF ACCEPTANCE BY THE OWNER.

VIII. SPECIFICATIONS

- A. GROUNDING
1. THE BUILDING ELECTRICAL SYSTEMS SHALL BE SOLIDLY GROUNDED. ALL NON-CURRENT CARRYING METAL PARTS OF THE ELECTRICAL SYSTEM, I.E., RACEWAYS, EQUIPMENT ENCLOSURES, FRAMES, JUNCTION AND OUTLET BOXES AND OTHER CONDUCTIVE ITEMS IN CLOSE PROXIMITY WITH ELECTRICAL CIRCUITS, SHALL BE GROUNDED TO PROVIDE A LOW IMPEDANCE PATH FOR POTENTIAL GROUND FAULTS.
2. EQUIPMENT GROUNDING CONDUCTORS SHALL BE INSTALLED IN ALL RACEWAYS AND CABLES.
3. THE NEUTRAL AND GROUND BUS SHALL BE BONDED TOGETHER AT ALL SERVICE EQUIPMENT.

B. RACEWAYS AND CONDUITS

1. CONDUITS INSTALLED IN DIRECT CONTACT WITH GRADE OR WITHIN CONCRETE SLABS SHALL BE SCHEDULE 40 PVC. CONDUITS CONCEALED WITHIN WALLS AND ABOVE CEILINGS, AND EXPOSED IN INDOOR AREAS SHALL BE ELECTRICAL METALLIC TUBING (E.M.T.). COUPLINGS SHALL BE STEEL SET SCREW TYPE FOR INDOOR LOCATIONS, AND COMPRESSION TYPE FOR OUTDOOR AND WET LOCATIONS. CONDUIT SHALL BE INTERMEDIATE OR GALVANIZED RIGID STEEL IN AREAS WHERE SUBJECT TO ABUSE.
2. CONDUITS SHALL BE RUN PARALLEL OR AT RIGHT ANGLES TO WALLS, CEILINGS, AND STRUCTURAL MEMBERS.
3. LIQUID TIGHT FLEXIBLE METAL OR NON-METALLIC CONDUIT SHALL BE USED FOR OUTDOOR EXPOSED CONNECTIONS TO GROUND- OR ROOF-MOUNTED EQUIPMENT.
4. ALL RACEWAYS SHALL BE INSTALLED CONCEALED EXCEPT IN UNFINISHED SPACES OR WHERE INDICATED ON THE DRAWINGS.
5. FASTENERS AND SUPPORTS SHALL BE AS MANUFACTURED BY GEDNEY, EFCOR OR EQUAL. SUPPORTING DEVICES SHALL BE THOSE AS MANUFACTURED FOR A SPECIFIC PURPOSE. NAILS, WIRE OR PIPE STRAP SHALL NOT BE USED.
6. PROVIDE FLEXIBLE EXPANSION CONDUIT FITTINGS ON ALL CONDUIT CROSSING EXPANSION JOINTS. SEE ARCHITECTURAL PLANS FOR EXPANSION JOINT LOCATIONS.

C. CONDUCTORS

1. ALL BRANCH CIRCUIT CONDUCTORS SHALL BE COPPER, 90°C, THHN/THWN INSULATION.
2. UNLESS NOTED OTHERWISE, SERVICE AND FEEDER CONDUCTORS SHALL BE COPPER, THHN/THWN-2 INSULATION.
3. WIRE NO. 8 AWG AND LARGER SHALL BE STRANDED, NO. 10 AND SMALLER SHALL BE SOLID.
4. ALL BRANCH CIRCUIT AND FEEDER CONDUCTORS, NO. 8 AWG AND SMALLER, SHALL BE COLOR CODED AS FOLLOWS (WHERE APPROVED BY THE AUTHORITY HAVING JURISDICTION):
- | | |
|---------------------|---------------------|
| 120/208 VOLT SYSTEM | 277/480 VOLT SYSTEM |
| PHASE A - BLACK | PHASE A - BROWN |
| PHASE B - RED | PHASE B - ORANGE |
| PHASE C - BLUE | PHASE C - YELLOW |
| NEUTRAL - WHITE | NEUTRAL - GREY |
| GROUND - GREEN | GROUND - GREEN |
5. MC CABLE SHALL BE LIMITED TO BRANCH CIRCUITS CONCEALED IN WALLS AND ABOVE CEILINGS. IT SHALL NOT BE RUN DIRECTLY INTO SURFACE MOUNTED EQUIPMENT. ALL BRANCH CIRCUIT HOMERUNS FROM THE PANELBOARD TO THE FIRST DEVICE SHALL BE ROUTED IN CONDUIT. MC CABLE SHALL NOT BE ALLOWED FOR WIRING TO MECHANICAL EQUIPMENT (EXCEPT FOR WITHIN DWELLING UNITS).
6. SIZES INDICATED ARE FOR INSTALLATION IN A MAXIMUM 30 DEGREE C AMBIENT.

D. OUTLET/JUNCTION BOXES

1. ALL OUTLET/JUNCTION BOXES SHALL BE GALVANIZED STEEL.
2. WALL AND CEILING OUTLET BOXES SHALL BE 4" SQUARE, WITH A DEPTH OF 2 1/2". CEILING BOXES SHALL BE 4" OCTAGONAL WHERE REQUIRED DUE TO NUMBER OF WIRES.
3. WHERE BOXES ARE INSTALLED BACK-TO-BACK IN WALLS AND LOCATED LESS THAN 24" APART, MOLDABLE PUTTY PADS SHALL BE INSTALLED TO MAINTAIN THE REQUIRED FIRE RATING.

E. PANELBOARDS

1. PANELBOARDS SHALL HAVE BOLT-IN CIRCUIT BREAKERS AND ALUMINUM BUSSING. WHERE APPLICABLE, LOAD CENTERS SHALL HAVE PLUG-IN BREAKERS AND ALUMINUM BUSSING.
2. OVERCURRENT PROTECTIVE DEVICES SHALL BE AUTOMATIC TRIP THERMAL MAGNETIC TYPE WITH QUICK-MAKE QUICK-BREAK FOR BOTH MANUAL AND AUTOMATIC OPERATION. ALL MULTIPOLE BREAKERS SHALL BE COMMON TRIP; HANDLE TIES WILL NOT BE ACCEPTED.
3. SWITCHBOARDS, DISTRIBUTION BOARDS, PANELBOARDS, DISCONNECT SWITCHES AND MOTOR CONTROL CENTERS SHALL BE MANUFACTURED BY GENERAL ELECTRIC, SIEMENS, SQUARE D[®] OR EATON/CUTLER HAMMER. BOLT FREE STANDING EQUIPMENT TO 4" HIGH EQUIPMENT HOUSEKEEPING PADS. SWITCHBOARD SECTIONS SHALL BE FULLY BUSSED.
4. TYPEWRITTEN DIRECTORIES AND PANELBOARD DESIGNATION PLATES SHALL BE PROVIDED BY THE CONTRACTOR FOR ALL PANELBOARDS. PANELBOARD DESIGNATIONS SHALL BE PHENOLIC-ENGRAVED. ALSO BEARING THE EQUIPMENT NAME WHERE ITS POWER SUPPLY ORIGINATES (IF PANELBOARD IS SERVED BY A FEEDER).
5. WIRE TERMINATION PROVISIONS FOR PANELBOARDS, CIRCUIT BREAKERS, SAFETY SWITCHES AND ALL OTHER ELECTRICAL APPARATUS SHALL BE LISTED AS SUITABLE FOR 75 DEGREE C. MINIMUM.

F. LIGHTING FIXTURES

1. UNLESS INDICATED ON DRAWINGS, BALLASTS PROVIDED WITH FIXTURES SHALL BE ETL-CBM APPROVED, HIGH POWER FACTOR, WITH U.L. LABEL. ALL BALLASTS FOR RAPID START LAMPS SHALL BE PREMIUM CLASS P.
2. FIXTURES RECESSED IN T-BAR CEILING SHALL BE SUPPORTED INDEPENDENTLY OF CEILING SYSTEM, WITH TWO (2) NUMBER TWELVE (12) HANGER WIRES UP TO STRUCTURE. SECURE HANGER WIRES TO CORNERS OF FIXTURE. CLIP FIXTURE TO GRID ON TWO SIDES WITH FACTORY FURNISHED CLIPS. FINAL CONNECTION TO FIXTURE SHALL BE MADE WITH A FLEXIBLE U.L. APPROVED ASSEMBLY.

G. WIRING DEVICES

COMMERICAL GRADE

1. DUPLEX RECEPTACLES SHALL BE RATED 20 AMP, HUBBELL CR5362 OR APPROVED EQUAL.
2. TOGGLE SWITCHES SHALL BE 20 AMP, HUBBELL CS1221 OR APPROVED EQUAL.
3. DIMMER SWITCHES SHALL BE SLIDER TYPE, LUTRON VAREO SERIES.
4. DEVICE PLATES SHALL BE NYLON (UNLESS NOTED OTHERWISE).
5. COLOR OF DEVICES AND DEVICE PLATES SHALL BE AS DETERMINED BY ARCHITECT.

H. DRY TYPE TRANSFORMERS

1. TRANSFORMERS SHALL BE U.L. LISTED AND SHALL HAVE CLASS 155 OR HIGHER INSULATION SYSTEMS.
2. TRANSFORMERS SHALL BE MOUNTED WITH 5/8" THICK NEOPRENE PADS FOR VIBRATION ISOLATION.
3. 4" HIGH CONCRETE HOUSEKEEPING PADS SHALL BE INSTALLED FOR ALL FLOOR MOUNTED TRANSFORMERS.
4. ACCEPTABLE MANUFACTURERS: EATON/CUTLER HAMMER, G.E., SIEMENS OR SQUARE D.

I. DISCONNECT SWITCHES

1. SAFETY-TYPE DISCONNECT SWITCHES SHALL BE HEAVY DUTY WITH QUICK-MAKE, QUICK-BREAK MECHANISM WITH INTERLOCKING COVER WHICH NORMALLY CANNOT BE OPENED WHEN THE SWITCH IS IN THE "ON" POSITION. SWITCH SHALL HAVE PROVISIONS FOR PAD-LOCKING IN THE OPEN OR CLOSED POSITION.
2. FUSIBLE DISCONNECT SWITCHES SHALL HAVE FUSION-TYPE FUSEHOLDERS. FUSES SHALL BE NON-RENEWABLE, DUAL ELEMENT TIME-DELAY "RK1" OR RK5", OR AS SPECIFIED OTHERWISE.
3. ACCEPTABLE MANUFACTURERS: EATON/CUTLER HAMMER, G.E., SIEMENS OR SQUARE D.

J. FIRE ALARM SYSTEM

1. PROVIDE A COMPLETE, U.L. LISTED, [ADDRESSABLE]HARD-WIRED FIRE ALARM SYSTEM IN ACCORDANCE WITH THESE SPECIFICATIONS, AND ALL APPLICABLE CODES:

2. CONTRACTOR SHALL FURNISH ALL LABOR, MATERIALS, TOOLS AND EQUIPMENT FOR A COMPLETE FIRE ALARM SYSTEM, INCLUDING THE FOLLOWING:
- A) ENGINEERED DRAWINGS, CALCULATIONS, AND MATERIAL SUBMITTALS APPROVED BY AUTHORITY HAVING JURISDICTION.
- B) COORDINATION OF WORK IN THIS SECTION WITH ALL TRADES.
- C) COMPLETE MONITORING SERVICE CONNECTION TO TELEPHONE BACKBOARD.
- D) INSPECTIONS AND TESTS.
- E) ONE (1) YEAR WARRANTY

K. MISCELLANEOUS EQUIPMENT

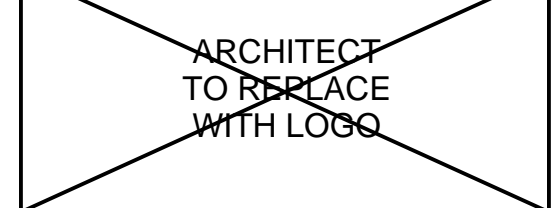
1. PHOTOCELL SHALL HAVE RAINLIGHT PHOTOELECTRIC SELF-CONTAINED CONTROL FOR SWITCHING. PHOTOCELL SHALL HAVE DIE-CAST HOUSING WITH ADJUSTABLE SENSOR. (ACCEPTABLE MANUFACTURERS: TORK 2100 SERIES OR APPROVED EQUAL.)

N. COMMUNICATIONS CONDUIT/BOXES

1. TWO (2) 4" SCHEDULE 40 PVC CONDUITS SHALL EXTEND FROM THE PUBLIC RIGHT-OF-WAY TO THE MAIN TELECOMMUNICATIONS ROOM OR ENTRANCE FACILITY.
2. THE NUMBER OF BENDS IN A CONDUIT SECTION RUN SHALL NOT EXCEED TWO (2) 90-DEGREE BENDS OR EQUIVALENT OF SWEEPS AND RADIUS BENDS.
3. IN AREAS WITH NON-ACCESSIBLE CEILINGS, TELEPHONE CONDUITS SHALL BE CONTINUOUS FROM THE OUTLET BOX TO THE TELEPHONE EQUIPMENT BACKBOARD AND TERMINATED WITH A NYLON GROMMET.
4. EACH HORIZONTAL HOME-RUN CONDUIT CAN SERVE FROM ONE (1) TO THREE (3) OUTLET BOXES. FOR ONE (1) OUTLET BOX, A 3/4" CONDUIT SHALL BE USED, MINIMUM. FOR TWO (2) OUTLET BOXES, A 1" CONDUIT SHALL BE USED, MINIMUM. FOR THREE (3) OUTLET BOXES, A 1 1/4" CONDUIT SHALL BE USED, MINIMUM.
5. THE DIMENSIONS OF THE OUTLET BOX SHALL BE 4" X 4" SQUARE WITH A MINIMUM DEPTH OF 2 1/8". BOXES SHALL BE EQUIPPED WITH SINGLE DEVICE ADAPTERS (OR TWO-DEVICE ADAPTERS WHERE NEEDED). WHERE INSTALLED IN PLASTER, GYPSUM BOARD, TILE, ETC., ADAPTERS SHALL BE RAISED TO COMPENSATE FOR THE THICKNESS OF THE WALL FINISH.

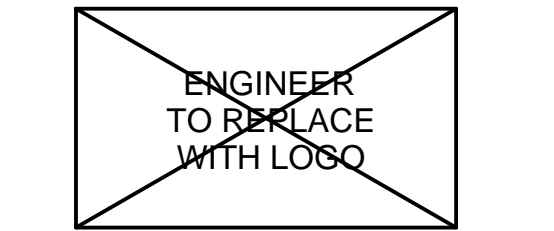
ELECTRICAL SYMBOL LEGEND

SYMBOL	DESCRIPTION	HEIGHT
\$	SINGLE POLE SINGLE THROW TOGGLE SWITCH (NOTE L-1)	46 1/4" AC
\$ 3 / \$ 4	THREE-WAY TOGGLE SWITCHFOUR-WAY TOGGLE SWITCH (NOTE L-1)	46"
\$ M	MOTOR RATED SWITCH	
\$ K	KEYED SWITCH	46"
\$ T	TIMER SWITCH	46"
ID	DIMMER SWITCH (NOTE L-1)	46"
ID 3	THREE-WAY DIMMER SWITCH (NOTE L-1)	46"
Φ / Φ / Φ	SINGLE / DUPLEX / QUAD RECEPTACLE OUTLET (NOTE L-1)	18"
Φ / Φ / Φ	GFCI DUPLEX / GFCI DUPLEX ABOVE COUNTER / GFCI QUAD RECEPTACLE (NOTE L-1)	18 1/4"3"
Φ / Φ AC	DUPLEX / QUAD RECEPTACLE OUTLET ABOVE COUNTER MOUNTED (NOTE L-1)	43"
⦿	ISOLATED GROUND DUPLEX RECEPTACLE OUTLET	18"
⦿	SPECIAL PURPOSE RECEPTACLE OUTLET, NEMA CONFIGURATION TO MATCH PLUG, (NOTE L-1)	18"
⦿	208V SPECIAL PURPOSE RECEPTACLE OUTLET, NEMA CONFIGURATION TO MATCH PLUG, (NOTE L-1)	
⦿	SPLIT WIRED DUPLEX RECEPTACLE. ONE RECEPTACLE SHALL BE SWITCHED AS SHOWN ON PLANS (NOTE L-1)	18"
⦿ / ⦿	DUPLEX RECEPTACLE OUTLET, CEILING MOUNTED/FLOOR MOUNTED	
⦿	DOORBELL BUTTON (NOTE L-1), PROVIDE L.V. TRANSFORMER AND CHIME VERIFY LOCATION WITH OWNER	46"
⦿ / ⦿ / ⦿	JUNCTION BOX, CEILING/WALL/FLOOR MOUNTED	
→	ARROWHEAD INDICATES HOMERUN. X-1,3,5 ADJACENT TO HOMERUN ARROW INDICATES HOMERUN PANEL X CIRCUIT NUMBERS 1,3, AND 5. X-1/3/5 INDICATED 3-PHASE HOMERUN	
—	RACEWAY/CABLE CONCEALED IN WALL AND/OR ABOVE CEILING	
—	RACEWAY CONCEALED BELOW GRADE OR IN-SLAB	
—	RACEWAY/CABLE CONCEALED IN WALL AND/OR ABOVE CEILING - EMERGENCY CIRCUIT	
—	RACEWAY INSTALLED EXPOSED	
—	GROUNDING CONNECTION (SYSTEM AND/OR EQUIPMENT)	
↶ / ↷	CONDUIT TURNING UP/DOWN	
↶	CONDUIT STUB. TERMINATE IN INSULATED BUSHING OR CAP IF UNDERGROUND	
⦿	FLUORESCENT LIGHTING FIXTURE, 2X4, 1X4, 2X2	
⦿	FLUORESCENT LIGHTING FIXTURE, 2X4, 1X4, 2X2 - PROVIDES EMERGENCY ILLUMINATION	
⦿ / ⦿	LIGHTING FIXTURE - OVERHEAD/WALL MOUNTED	
⦿ / ⦿	EMERGENCY LIGHTING FIXTURE - OVERHEAD/WALL MOUNTED	
⦿	FLUORESCENT STRIP FIXTURE - OVERHEAD/WALLMOUNTED	
⦿	DIRECT WALL OR WALL WASH LIGHTING FIXTURE	
⦿	LIGHT TRACK AND LIGHT TRACK FIXTURES	
⦿	EXIT SIGN, CEILING/WALL MOUNTED. SHADED QUADRANT INDICATES FACE(S). PROVIDE ARROWS PER PLANS.	
⦿	EMERGENCY LIGHTING FIXTURE	
⦿	PANELBOARD - WALL MOUNTED (RECESSED)	
⦿	PANELBOARD - WALL MOUNTED (SURFACE)	
⦿	MOTOR	
⦿	NONFUSIBLE DISCONNECT SWITCH, RATING/POLES/NEMA ENCLOSURE	
⦿	FUSIBLE DISCONNECT SWITCH, RATING/POLES/NEMA ENCLOSURE/FUSE RATING	
⦿	MAGNETIC MOTOR STARTER. NEMA SIZE RATING/ENCLOSURE (NEMA 1 IF NOT SHOWN)	
⦿	COMBINATION MAGNETIC MOTOR STARTER AND DISCONNECT MEANS, NEMA SIZE RATING/ENCLOSURE (NEMA 1 IF NOT SHOWN)	
⦿	CURRENT TRANSFORMER CABINET	
⦿	POWER METER AND SOCKET	
⦿	FIRE ALARM MANUAL STATION	46"
⦿	FIRE ALARM HORN/SPEAKER WITH VISUAL DEVICE (NOTE L-3), NUMERAL INDICATES CANDELA RATING	
⦿	FIRE ALARM HORN/SPEAKER (NOTE L-3)	
⦿	FIRE ALARM VISUAL DEVICE (NOTE L-3), NUMERAL INDICATES CANDELA RATING	
⦿	FIREMAN PHONE JACK	42"
⦿	FIRE PHONE	42"
⦿	SMOKE DETECTOR (CEILING/WALL MOUNTED 4" MIN. AND 12" MAX. FROM CEILING)	
⦿	THERMAL DETECTOR, CEILING MOUNTED	
⦿	CONNECTION TO FIRE PROTECTION SYSTEM FLOW SWITCH	
⦿	CONNECTION TO FIRE PROTECTION SYSTEM TAMPER SWITCH	
⦿	FIRE ALARM CONNECTION TO SMOKE/FIRE DOOR HOLD-OPEN DEVICE	
⦿	DUCT MOUNTED SMOKE DETECTOR	
⦿	REMOTE STATION FOR DUCT MOUNTED SMOKE DETECTOR	
⦿	FIRE ALARM CONTROL PANEL, SURFACE/RECESSED	
⦿	FIRE ALARM ANNUCIATOR PANEL, RECESSED	
⦿	TELEPHONE OUTLET, WALL MOUNTED/ABOVE COUNTER (NOTES L-1, L-2)/FLOOR MOUNTED	18 1/4"3"
⦿	COMBINATION TELEPHONE/DATA OUTLET, WALL MOUNTED/ABOVE COUNTER (NOTE L-1, L-2)/FLOOR	18 1/4"3"
⦿	DATA OUTLET, WALL MOUNTED/ABOVE COUNTER (NOTE L-1, L-2)/FLOOR MOUNTED	18 1/4"3"
⦿	TELEVISION OUTLET WALL MOUNTED (NOTE L-1)/CEILING MOUNTED/FLOOR MOUNTED	18"
LEGEND NOTES		
L-1 MOUNTING HEIGHTS NOTED ARE TO THE CENTER OF DEVICE ABOVE FINISHED FLOOR, UNLESS NOTED OTHERWISE.		
L-2 STUB 3/4" CONDUIT 6" ABOVE ACCESSIBLE CEILING AND TERMINATE WITH NYLON GROMMET.		
L-3 FIRE ALARM VISUAL DEVICES SHALL BE WALL-MOUNTED SUCH THAT THE ENTIRE LENS IS A MINIMUM OF 80" AFF OR 6" BELOW CEILING, WHICHEVER IS LOWER. AUDIBLE-ONLY DEVICES SHALL BE WALL-MOUNTED AT NOT LESS THAN 80" AFF AND NOT LESS THAN 6" BELOW CEILING.		

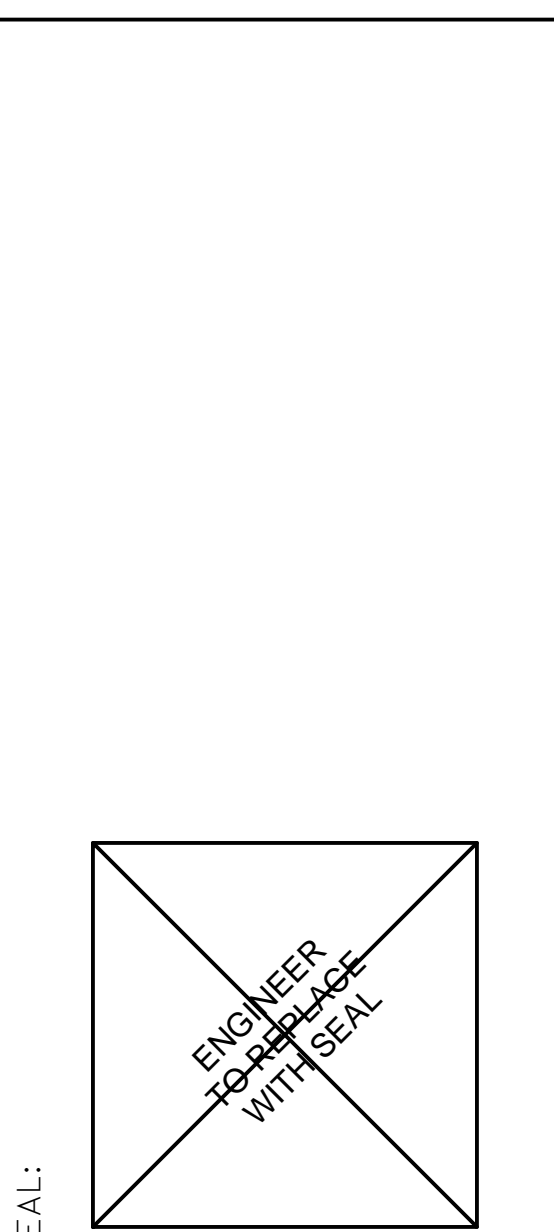


ARCHITECT NAME
ARCHITECT ADDRESS, SUITE XXX
CITY, STATE ZIP CODE
PHONE: (XXX) XXX-XXXX
FAX: (XXX) XXX-XXXX
EMAIL: ARCHITECT@EMAIL.COM
CONTACT NAME

CONSULTANT:



ENGINEER NAME
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EMAIL: ENGINEER@EMAIL.COM
CONTACT: CONTACT NAME
JOB NUMBER: JOB NUMBER



SEAL:

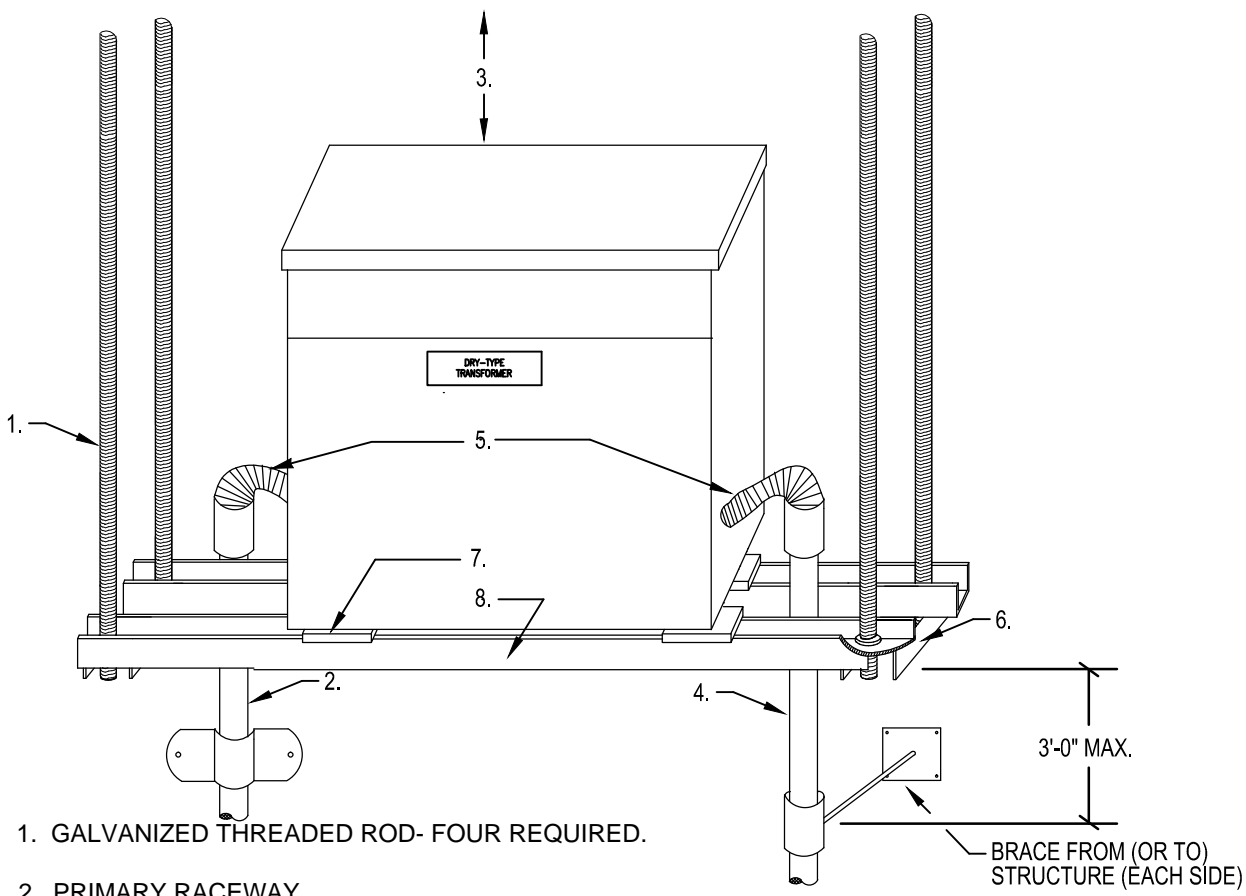


SHEET TITLE:
ELECTRICAL
SYMBOL LEGEND
AND
SPECIFICATIONS
DATE

REVISIONS:			
NO.	DATE:	BY:	DESCRIPTION:

PROJECT NO: XXXXXX
DRAWN BY: ABC

E001



1. GALVANIZED THREADED ROD- FOUR REQUIRED.
2. PRIMARY RACEWAY.
3. MAINTAIN 12" CLEARANCE BETWEEN TOP OF TRANSFORMER AND CEILING OR OTHER OBSTRUCTION.
4. SECONDARY RACEWAY.
5. FLEXIBLE CONDUIT MAX. LENGTH - 18".
6. PROVIDE LATERAL (SWAY) BRACING SECURED TO STRUCTURE.
7. NEOPHRENE VIBRATION INSULATING PAD WITH THROUGH BOLT.
8. GALVANIZED STEEL SUPPORT CHANNEL.

2 SUSPENDED TRANSFORMER INSTALLATION

E102 SCALE: NONE

AMPACITY REQD CALCS				
LIGHTING	7.64	KVA	X 125 %	= 9.5 KVA
RECEPTACLE TOTAL	10.02	KVA		
1ST	10.00	KVA	X 100 %	= 10.0 KVA
REMAIN	0.02	KVA	X 50 %	= 0.01 KVA
MOTORS TOTAL	5.16	KVA	X 100 %	= 5.16 KVA
LARGEST	5.16	KVA	X 100 %	= 5.16 KVA
REMAIN	0.00	KVA	X 100 %	= 0.00 KVA
A/C	43.21	KVA	X 100 %	= 43.2 KVA
HEATING	8.35	KVA	X 100 %	= 8.4 KVA
LOOKED-OUT LOAD		KVA	X 100 %	= 0.0 KVA
KITCHEN	18.11	KVA	X 65 %	= 11.8 KVA
MISCELLANEOUS	1.14	KVA	X 100 %	= 1.1 KVA
SUBTOTAL				= 88.6 KVA
TOTAL				= 107.8 AMPS



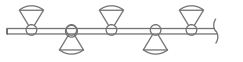




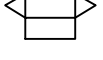


DEMAND LOAD CALCS				
LIGHTING	7.64	KVA	X 100 %	= 7.6 KVA
RECEPTACLE TOTAL	10.02	KVA	X 100 %	= 10.0 KVA
1ST	10.00	KVA	X 100 %	= 10.0 KVA
REMAIN	0.02	KVA	X 50 %	= 0.01 KVA
MOTORS	5.16	KVA	X 100 %	= 5.16 KVA
A/C	43.21	KVA	X 100 %	= 43.2 KVA
HEATING	8.35	KVA	X 100 %	= 8.4 KVA
LOOKED-OUT LOAD		KVA	X 100 %	= 0.0 KVA
KITCHEN	18.11	KVA	X 65 %	= 11.8 KVA
MISCELLANEOUS	1.14	KVA	X 100 %	= 1.1 KVA
TOTAL				= 87.7 KVA

ELECTRICAL SERVICE CAPACITY CALCULATIONS

H1		ELECTRICAL PANEL SCHEDULE													
SERVICE:		277/480V, 3PH, 4W				BUS RATING:				150A MAIN LUGS ONLY				LOCATION: KITCHEN	
PANEL TYPE:		A.I.C. RATING:				FULLY RATED				MOUNTING SURFACE					
EQUIP No.	DESCRIPTION	NOTE	CAT	AMPS	LOADS (KVA)	WIRE N	PH	CB	P	CKT #	PHASE A	B	C	CKT #	EQUIP No.
---	RTU-1 (FRONT OF HOUSE)		C	25.0	7.200	2	00	3	1	2	00	3	1	2	00
---	---		C	7.200	---	3	---	---	---	4	---	---	---	---	---
---	---		C	7.200	---	5	---	---	---	6	---	---	---	---	---
---	RTU-2 (BACK OF HOUSE)	ST	C	25.0	7.200	30	3	9	10	8	---	---	---	---	---
---	---		C	7.200	---	11	---	---	---	12	---	---	---	---	---
---	---		C	7.200	---	13	---	---	---	14	---	---	---	---	---
---	SHUNT TRIP		ERR	---	---	15	---	---	---	16	---	---	---	---	---
---	---		ERR	---	---	17	---	---	---	18	---	---	---	---	---
---	---		ERR	---	---	19	---	---	---	20	---	---	---	---	---
---	---		ERR	---	---	21	---	---	---	22	---	---	---	---	---
---	---		ERR	---	---	23	---	---	---	24	---	---	---	---	---
---	---		ERR	---	---	25	---	---	---	26	---	---	---	---	---
---	---		ERR	---	---	27	---	---	---	28	---	---	---	---	---
---	---		ERR	---	---	29	---	---	---	30	---	---	---	---	---
---	---		ERR	---	---	31	---	---	---	32	---	---	---	---	---
---	---		ERR	---	---	33	---	---	---	34	---	---	---	---	---
---	---		ERR	---	---	35	---	---	---	36	---	---	---	---	---
---	---		ERR	---	---	37	---	---	---	38	---	---	---	---	---
---	---		ERR	---	---	39	---	---	---	40	---	---	---	---	---
---	---		ERR	---	---	41	---	---	---	42	---	---	---	---	---
LOAD SUMMARY		CONN	NEC	DIV	LOAD SUMMARY (CONT)		CONN	NEC	DIV	NOTES:					
(LIGHTING)		0.00	1.25	0.00	(COOLING)		43.20	1	43.20	G- GROUND FAULT CIRCUIT INTERRUPTER					
(RECEPTACLES)		0.00	2220.44	2.42	(HEATING)		0.00	1	0.00	ST- SHUNT TRIP					
(MOTORS)		0.00	1	0.00	(REFRIGERATION)		0.00	1	0.00	LO- LOOKOUT					
(WATER HEATER)		0.00	1.25	0.00	(KITCHEN)		0.00	0.65	0.00	IG- ISOLATED GROUND					
(MISC.)		0.00	1	0.00	(FANS)		0.00	1	0.00	E- EXISTING TO REMAIN					
TOTAL		43.20		46.22	PHASE "A"		14.40		KVA	CONN. AMPS		52.05		AMPS	
					PHASE "B"		14.40		KVA	DIV. AMPS		55.69		AMPS	
					PHASE "C"		14.40		KVA						

P1		ELECTRICAL PANEL SCHEDULE													
SERVICE:		120/208V, 3PH, 4W				BUS RATING:				200A MAIN LUGS				LOCATION: KITCHEN	
PANEL TYPE:		A.I.C. RATING:				10K FULLY RATED				MOUNTING: RECESSED					
EQUIP No.	DESCRIPTION	NOTE	CAT	AMPS	LOADS (KVA)	WIRE N	PH	CB	P	CKT #	PHASE A	B	C	CKT #	EQUIP No.
---	P.O.S OFFICE		R	10.0	1.200	20	1	1	2	20	1	1	1	20	100
---	P.O.S OFFICE		R	10.0	1.200	20	1	3	4	20	1	1	1	20	100
---	P.O.S OFFICE		R	10.0	1.200	20	1	5	6	20	1	1	1	20	100
---	HAND DRYER		H	10.0	1.200	20	1	7	8	20	1	1	1	20	100
---	HAND DRYER		H	10.0	1.200	20	1	9	10	20	1	1	1	20	100
---	SHUNT TRIP		---	---	---	20	1	11	12	20	1	1	1	20	100
156	ICE MACHINE		K	5.0	0.600	20	1	13	14	20	1	1	1	20	100
---	---		K	5.0	0.600	20	1	15	16	20	1	1	1	20	100
136	P.O.S FRONT		R	10.0	1.200	20	1	17	18	20	1	1	1	20	100
157	ELIC MENU BOARDS		L	12.5	1.500	20	1	19	20	20	1	1	1	20	100
---	P.O.S GRILL		R	10.0	1.200	20	1	21	22	20	1	1	1	20	100
---	SHUNT TRIP		---	---	---	20	1	23	24	20	1	1	1	20	100
---	SPARE		---	---	---	20	1	25	26	20	1	1	1	20	100
---	SPARE		---	---	---	20	1	27	28	20	1	1	1	20	100
---	SPARE		---	---	---	20	1	29	30	20	1	1	1	20	100
---	SPARE		---	---	---	20	1	31	32	20	1	1	1	20	100
---	SPARE		---	---	---	20	1	33	34	20	1	1	1	20	100
---	SPARE		---	---	---	20	1	35	36	20	1	1	1	20	100
---	SPARE		---	---	---	20	1	37	38	20	1	1	1	20	100
---	SPARE		---	---	---	20	1	39	40	20	1	1	1	20	100
---	SPARE		---	---	---	20	1	41	42	20	1	1	1	20	100
LOAD SUMMARY		CONN	NEC	DIV	LOAD SUMMARY (CONT)		CONN	NEC	DIV	NOTES:					
(LIGHTING)		8.40	1.25	10.50	(COOLING)		0.00	1	0.00	G- GROUND FAULT CIRCUIT INTERRUPTER					
(RECEPTACLES)		10.30	2220.44	10.30	(HEATING)		2.40	1	2.40	ST- SHUNT TRIP					
(MOTORS)		0.00	1.25	0.00	(REFRIGERATION)		3.99	1	3.99	LO- LOOKOUT					
(WATER HEATER)		0.00	1.25	0.00	(KITCHEN)		23.56	0.65	15.31	IG- ISOLATED GROUND					
(MISC.)		2.00	1	2.00	(FANS)		4.92	1	4.92						
TOTAL		55.57		49.43	PHASE "A"		17.87		KVA	CONN. AMPS		154.37		AMPS	
					PHASE "B"		19.95		KVA	DIV. AMPS		137.29		AMPS	
					PHASE "C"		17.76		KVA						

L1		ELECTRICAL PANEL SCHEDULE													
SERVICE:		120/208V, 3PH, 4W				BUS RATING:				100A MAIN LUGS ONLY				LOCATION: KITCHEN	
PANEL TYPE:		A.I.C. RATING:				10K FULLY RATED				MOUNTING: RECESSED					
EQUIP No.	DESCRIPTION	NOTE	CAT	AMPS	LOADS (KVA)	WIRE N	PH	CB	P	CKT #	PHASE A	B	C	CKT #	EQUIP No.
118	WARMER PREP RECEPT		G	8.3	1.000	20	1	1	2	20	1	1	1	20	100
115	HEAT LAMPS		G	8.3	1.000	20	1	3	4	20	1	1	1	20	100
106	FOOD WARMER		G	8.3	1.000	20	1	5	6	20	1	1	1	20	101
105	REFRIG SALAD TOP		G	7.5	0.900	20	1	7	8	20	1	1	1	20	101
114	REFRIG SALAD TOP		G	7.5	0.900	20	1	9	10	20	1	1	1	20	101
141	BEACHIN FREEZER		G	9.2	1.100	20	1	11	12	20	1	1	1	20	101
123	ICE TEA BREWER		G	14.4	1.730	20	1	13	14	20	3	1	1	20	101
175	DISHWASHER		G	11.7	1.400	20	1	15	16	20	1	1	1	20	101
115	GRAB-N-GO		G	15.8	1.900	20	1	17	18	20	1	1	1	20	101
108	SHAKE MIXER STATION		G	5.8	0.700	20	1	19	20	20	3	1	1	20	101
113	DROP-IN FREEZER		G	10.0	1.200	20	1	21	22	20	1	1	1	20	101
122	U.C. REFRIGERATOR		G	7.5	0.900	20	1	23	24	20	1	1	1	20	101
176	GAS W/L & RETURN PUMP		G	5.8	0.700	20	1	25	26	20	1	1	1	20	101
126.159	BEVERAGE STATION		G	5.0	0.600	20	1	27	28	20	3	1	1	20	101
128	SODA RACK		G	4.2	0.500	20	1	31	32	20	1	1	1	20	101
123	ICE TEA BREWER		G	14.4	1.730	20	1	33	34	20	1	1	1	20	101
109	FOOD WARMER		G	8.3	1.000	20	1	35	36	20	1	1	1	20	101
---	---		G	1.4	0.175	20	1	37	38	20	1	1	1	20	101
104	TOASTER		G	14.4	1.730	20	2	39	40	20	1	1	1	20	101
---	---		G	1.4	0.175	20	2	41	42	20	1	1	1	20	101
ENGINEERING SECOND TO MODIFY AS NECESSARY IF MIA HAS COOLING CAPACITY															
LOAD SUMMARY						LOAD SUMMARY (CONT)						CONN. AMP			
COOLING						COOLING						COOLING			
HEATING						HEATING						HEATING			
REFRIGERATION						REFRIGERATION						REFRIGERATION			
KITCHEN						KITCHEN						KITCHEN			
OTHERS						OTHERS						OTHERS			
TOTAL						TOTAL						TOTAL			
TOTAL						TOTAL						TOTAL			

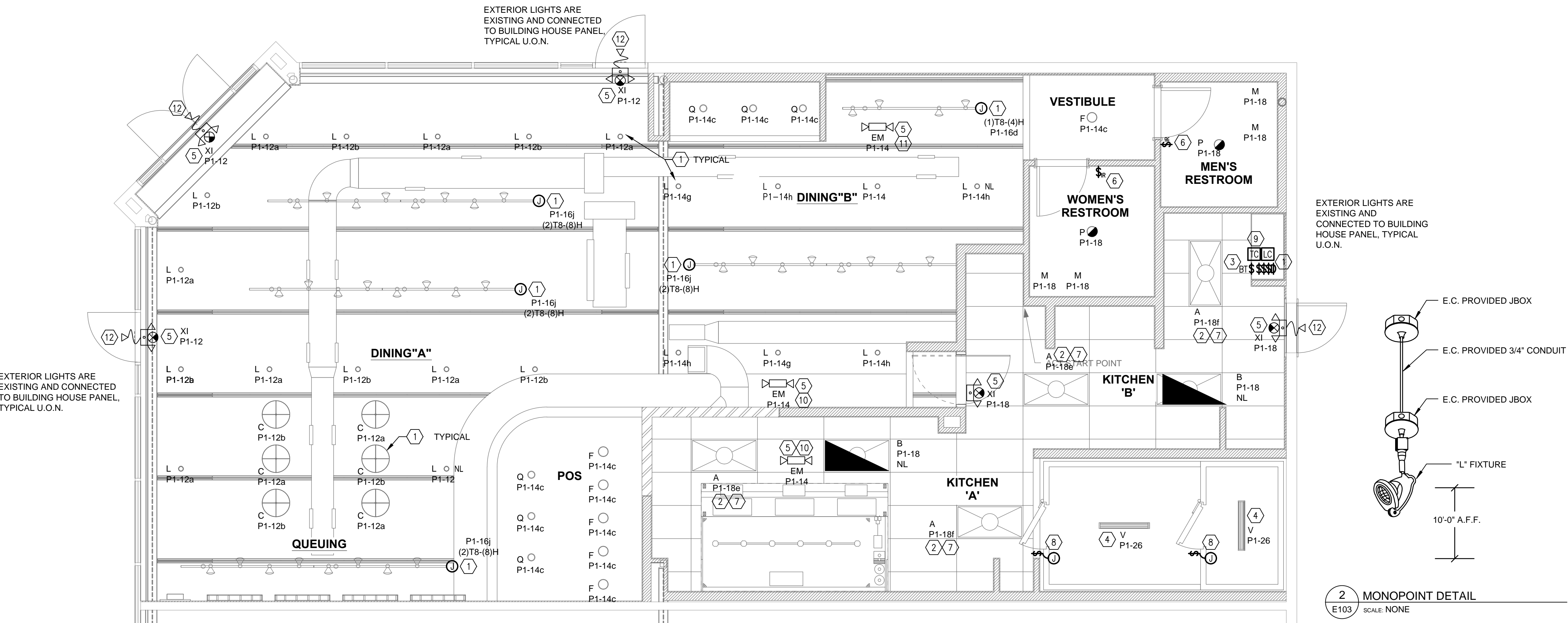
LIGHT FIXTURE SCHEDULE											
	TYPE	QTY.	DESCRIPTION	MANUFACTURER	MODEL NUMBER	LAMPS	INPUT WATTS	FURNISHED BY	INST. BY	MOUNTING	LOCATION/NOTES
	A	4	2' x4' LAY-IN FLUORESCENT FIXTURE WITH ACRYLIC LENS; ELECTRONIC BALLAST; (3) 32 WATT T8 LAMPS INCLUDED	COLUMBIA	JT-824-332G-FSA12-3EU-F0735	(3)F32T8	84	VENDOR	GC	RECESSED	BOH
	B	2	SAME AS "A" ABOVE BUT PROVIDE UNSWITCHED, HOT CONDUCTOR FOR NIGHT LIGHTING WITH (3) 32 WATT T8 LAMPS INCLUDED	COLUMBIA	JT-824-332G-FSA12-3EU-F0735	(3)F32T8	88	VENDOR	GC	RECESSED	BOH
	C	6	RED CYLINDER PENDANT (BOOTH) WITH 15' OF CORD, FOUR 15W LAMPS INCLUDED. CENTER FIXTURE OVER TABLE	TECH LIGHTING DELANCY	700DELPTDRS	(4)15W A19	240W (MAX)	VENDOR	GC	PENDANT @ 6'-6" AFF	ST. ABOVE BOOTH TABLES IN QUEUING LINE AT 30" ABOVE TABLE TOP. W/ LEXINGTON RED BOTTOM OF PENDANT AT 6'-6" A.F.F. CENTER FIXTURE OVER TABLES - 15' CORD
	D	0	ROUND DRUM PENDANT (BOOTH) WITH 15' OF CORD, LEXINGTON RED WITH GE 20WA19 LAMPS INCLUDED. CENTER FIXTURE OVER TABLE	TECH LIGHTING	700TDLEXPRS	(4)20W A19	240W (MAX)	VENDOR	GC	PENDANT @ 5'-6" AFF	ST. ABOVE BOOTH TABLES AT 30" ABOVE TABLE TOP. W/ LEXINGTON RED BOTTOM OF PENDANT AT 5'-6" A.F.F. CENTER FIXTURE OVER TABLES - 15' CORD
	F	5	RECESSED CAN, TRIM PAINTED TO MATCH SOFFIT	JUNO	TC922LED-27K-1-DM WITH 2330B-WH	INTEGRAL 22W LED	25	VENDOR	GC	RECESSED	USE AT POS & VESTIBULE AREA. WITH 2330B - WH TRIM PAINTED TO MATCH SOFFIT
	H	28 (56)	INCLUDES 35W-PAR 20 TRACK HEAD, 4'-0", 6'-0", OR 8'-0" TRACK SECTIONS, DRIVER, POWER FEEDS, COUPLINGS, STEMS	INTENSE LIGHTING	ITL10-B IA20B-IS117B T4A-IS-48(4'-0"), T6A-IS-6B(6'-0"), T8A-IS-9B(8'-0"), END FEED, IS114B, MINI CONNECTORS, IS103B	35W PAR20	100W (MAX)	VENDOR	GC	SUSPENDED/MOUNTED @ 11'-0" AFF (VERIFY HEIGHT)	FOH OVER BANQUETTES AND TO HIGHLIGHT WALL ART, BOTTOM OF TRACK AT 10'-6" A.F.F. (VERIFY HEIGHT)
	L	25	MONO-POINT: 35W PAR20 LAMP	INTENSE LIGHTING	ITL10-B IA20B-IS117B	35W PAR20	100W (MAX)	VENDOR	GC	SUSPENDED/MOUNTED @ 11'-0" AFF (VERIFY HEIGHT)	GENERAL LIGHTING (HALLWAYS) AND TO HIGHLIGHT QUEUE LINE STORY BOARDS IN TIER II & III. BOTTOM OF FIXTURE AT 10'-6" A.F.F.
	M	4	WALL SCONCE, A16-E26 LAMP, VERIFY MOUNTING HEIGHT & LAMP WATTAGE	ALICO TENERA	V-S16C-10-15	75W A16	100W (MAX)	VENDOR	GC	WALL	RESTROOMS. WALL MOUNTED, COORDINATE HEIGHT IN FIELD
	P	2	RECESSED CAN WITH EMERGENCY BALLAST. TRIM PAINTED TO MATCHED CEILING	JUNO	TC922LED-27K-1-DM WITH 2330B-WH	INTEGRAL 22W LED	25	VENDOR	GC	RECESSED	RESTROOMS. PAINTED TRIM TO MATCH CEILING. DO NOT USE TRIM SHIPPED WITH FIXTURE. PROVIDE UNSWITCHED HOT AHEAD OF LOCAL SWITCHING OR LIGHTING CONTROLS AS REQUIRED FOR NIGHT LIGHT AND BATTERY BACKUP
	Q	5	4" LOW VOLTAGE INCANDESCENT DOWN LIGHT (1) 20W MR16 #20825	PRESCO LITE	BX4-12-SPH - 12-0	20W MR16	20	VENDOR	GC	RECESSED	OVER TRANSACTION COUNTER. PAINTED TO MATCH SOFFIT.
	V	2	4-FOOT ENCLOSED (ANY GAS) T5E1 STRIP FIXTURE	COLUMBIA	LUN4-248HO- U-DR	(2)F32T8	56	VENDOR	GC	SURFACE	BOH FREEZER/COOLER
	EM	2	EMERGENCY LIGHTING - (2)5W MR16 LAMPS, BATTERY BACK-UP, WHITE FINISH	DUAL LITE	LZ2	(2)5W MR-16	3.5	VENDOR	GC	WALL MOUNTED @ 10'-6" AFF (VERIFY HEIGHT)	PROVIDE 90 MINUTE BATTERY BACK-UP
	X	0	EXIT SIGN - RED LETTERS / ARROW, BATTERY BACK-UP WHITE FINISH	DUAL LITE	LXURWE	INTEGRAL LED & (2)5W MR-16	5.25	VENDOR	GC	UNIVERSAL	PROVIDE 90 MINUTE BATTERY BACK-UP
	XI	4	EXIT SIGN - RED LETTERS / ARROW, BATTERY BACK-UP (2)5W MR16 LAMPS, WHITE FINISH	DUAL LITE	LTURW3	INTEGRAL LED & (2)5W MR-16	5.25	VENDOR	GC		PROVIDE 90 MINUTE BATTERY BACK-UP
	XR	4	WEATHERPROOF REMOTE HEAD	DUAL LITE	OMSSW0605	5.4W INCAND. 6VOLT	-	VENDOR	GC		
NOTE: ALL FLUORESCENT LAMPS TO BE COLOR 841 (COOL WHITE) CONTACT ROGER NOBLE WITH THE F.D. LAWRENCE ELECTRIC CO. @ 800-582-4490 FOR NATIONAL ACCOUNT PRICING											

GENERAL NOTES

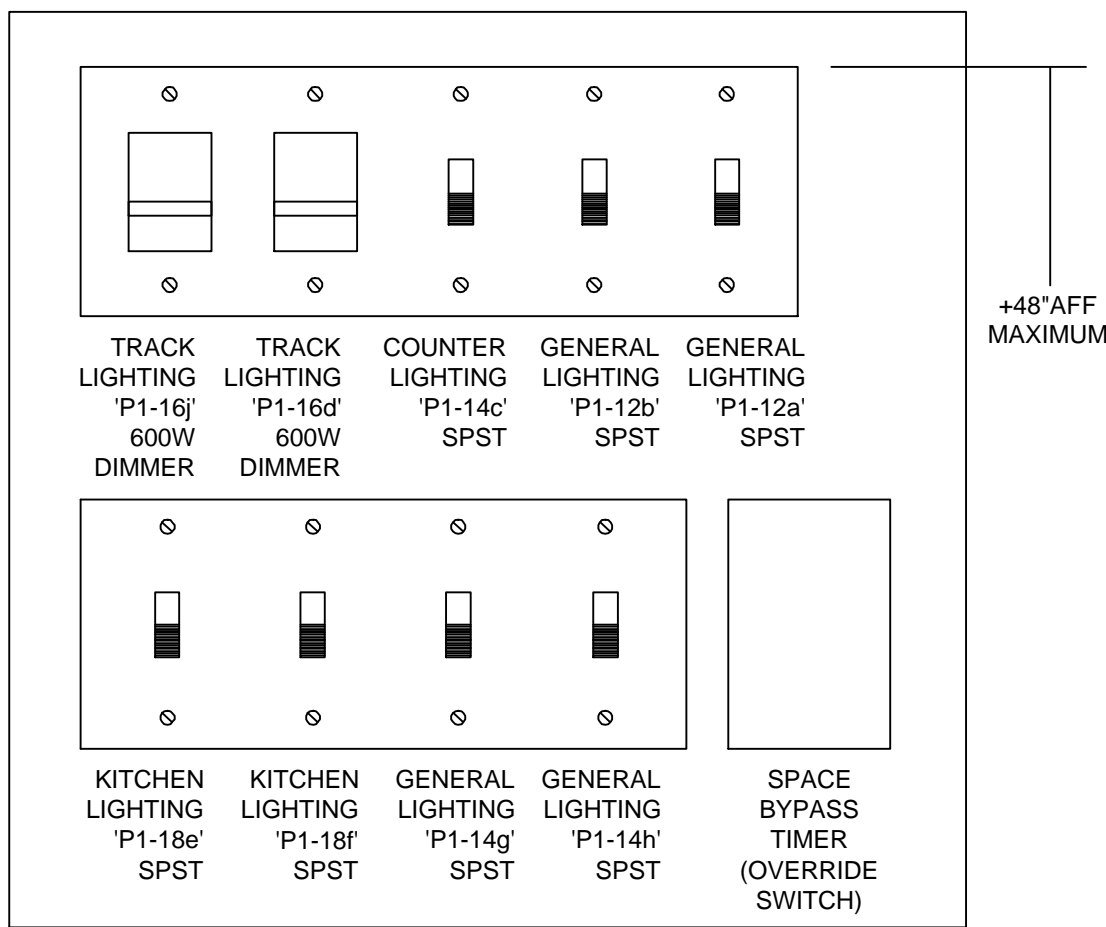
- ALL PENDANT HUNG FIXTURES SHALL BE SUPPORTED DIRECTLY FROM STRUCTURE ABOVE WITH NO. 9 GRACE WIRE OR APPROVED ALTERNATE SUPPORT WITHOUT USING CEILING SUSPENSION SYSTEM FOR DIRECT SUPPORT. ALL RACEWAYS AND JUNCTION BOXES SHALL BE TIGHT TO CEILING AND CONCEALED FROM VIEW.
- ALL LIGHTING FIXTURES IN LAY-IN CEILINGS MUST BE SUPPORTED BY #12 GAUGE WIRE ATTACHED TO THE GRID MEMBERS WITHIN 3" OF EACH CORNER OF EACH FIXTURE.
- REFER TO ARCHITECTURAL DRAWINGS ADDITIONAL MOUNTING INFORMATION FOR LIGHTING.
- REFER TO DRAWING E102 FOR PANEL SCHEDULES AND E001 FOR SYMBOL LEGEND.
- GENERAL CONTRACTOR TO PROVIDE AND INSTALL ALL FIXTURES AND LAMPS EXCEPT FOR THOSE LISTED AS EXISTING, IN THE LIGHT FIXTURE SCHEDULE.
- ALL RACEWAYS IN MILLWORK SHALL BE RUN CONCEALED FROM VIEW.
- CONTRACTOR SHALL PROVIDE UNISTRUT AND ALLTHREAD FOR MOUNTING LIGHTING IN THE EXPOSED CEILING AREAS. PAINT BLACK. COORDINATE WITH ARCHITECT DRAWING FOR FIXTURE MOUNTING HEIGHTS.
- ALL LIGHTING IN KITCHEN SHALL HAVE SHATTER PROOF LENSES AND SHALL COMPLY WITH LOCAL HEALTH REQUIREMENTS.
- ADDITIONAL EMERGENCY LIGHTING AND EXIT SIGNS MAY BE REQUIRED AT THE TIME OF THE FINAL INSPECTION.
- ALL SIGNAGE MUST BE PERMITTED SEPARATELY AND APPROVED BEFORE INSTALLATION.

KEYED NOTES

- ROUTE DINING AND KITCHEN LIGHTING THROUGH SWITCHES. COORDINATE LOCATION OF SWITCHBANK WITH OWNER.
- NOT USED.
- NOT USED.
- ELECTRICAL CONTRACTOR SHALL PROVIDE INSTALL "V" LIGHT FIXTURE. ELECTRICAL CONTRACTOR SHALL CONNECT TYPE "V" LIGHT FIXTURE TO SWITCH PROVIDED SWITCH PROVIDED WITH A COOLER VIA JUNCTION BOX.
- FIXTURE TO BE SERVED BY UN-SWITCHED LEG OF LOCAL CIRCUIT AND TO PROVIDE CONTINUOUS ILLUMINATION PER NEC 700-12A AND NFPA 101, LIFE SAFETY CODE.
- PROVIDE PASSIVE INFRA-RED OCCUPANCY SENSOR SWITCH AND CONNECT AHEAD OF LIGHTING CONTRACTOR FOR CONTROL OF LIGHTS.
- PROVIDE DUEL LEVEL SWITCHING IN ACCORDANCE WITH CEC TITLE 24 REQUIREMENTS. PROVIDE ALL LIGHTING WITH DUEL BALLAST FOR SEPERATE CONTROL OF INBOARD LAMPS.
- SEAL ALL CONDUITS ENTERING COOLERS AND FREEZERS PER NEC ART.300.7.
- PROVIDE ASTRONOMICAL TIMECLOCK AND SURFACE MOUNTED ENCLOSURE WITH CONTACTORS AS REQUIRED FOR CONTROL OF EXTERIOR SIGNAGE. REFER TO SHEET E102 FOR ADDITIONAL INFORMATION.
- SUSPEND FROM CEILING AND AIM LAMPS ALONG PATH OF EGRESS IF REQUIRED.



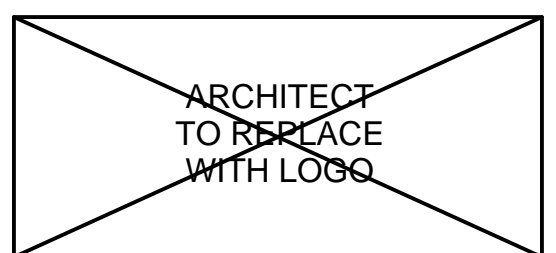
[ENGINEER OF RECORD TO INFORM ARCHITECT PRIOR TO ADDING TRACK MOUNTED CURRENT LIMITER, CURRENT LIMITER PANEL, REVISING FIXTURE QUANTITIES OR USING ALTERNATE FIXTURE TYPE TO MEET LOCAL ENERGY CODE.]



1 LIGHTING PLAN
E103 SCALE: 1/4\"/>

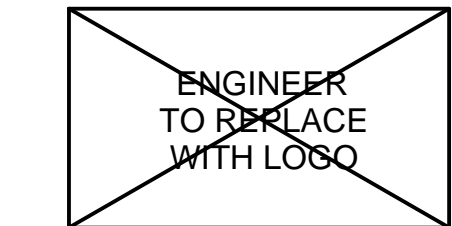
2 MONOPOINT DETAIL
E103 SCALE: NONE

3 LIGHTING SWITCHBANK
E103 SCALE: NONE

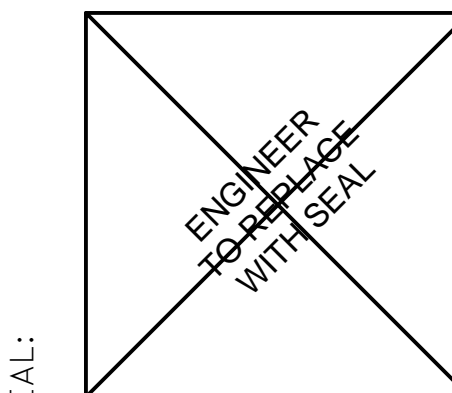


ARCHITECT NAME
ARCHITECT ADDRESS, SUITE XXX
CITY, STATE ZIP CODE
PHONE: (XXX) XXX-XXXX
FAX: (XXX) XXX-XXXX
EMAIL: ARCHITECT@EMAIL.COM
CONTACT NAME

CONSULTANT:



ENGINEER NAME
ARCHITECT ADDRESS, SUITE XXX
CITY, STATE ZIP CODE
PHONE: (XXX) XXX-XXXX
FAX: (XXX) XXX-XXXX
EMAIL: ENGINEER@EMAIL.COM
CONTACT: CONTACT NAME
JOB NUMBER, JOB NUMBER



SEAL:



EXAMPLE PROJECT
12345 EXAMPLE STREET
SUITE 123
CITY, STATE 98765

SHEET TITLE:
LIGHTING PLAN,
FIXTURE SCHEDULE
AND DETAILS

DATE

REVISIONS:

NO.	DATE:	BY:	DESCRIPTION:

PROJECT NO: XXXXXX

DRAWN BY: ABC

E103

