

SHEET INDEX

A0.00	COVER
A0.01	LIFE SAFETY
A1.01	ARCHITECTURAL SITE PLAN
A2.00	DEMO FLOOR PLAN
A2.01	FLOOR PLAN
A2.02	FURNITURE PLAN LAYOUT
A2.03	EXISTING ROOF PLAN
A2.04	ROOF PLAN
A2.05	KITCHEN EQUIPMENT PLAN
A2.06	BAR ROUGH-IN PLAN
A2.07	KITCHEN ROUGH-IN PLAN
A3.01	DOOR AND WINDOW AND DETAILS
A4.00	EXISTING EXTERIOR ELEVATIONS
A4.01	EXISTING EXTERIOR ELEVATIONS
A4.02	EXTERIOR ELEVATIONS
A4.03	EXTERIOR ELEVATIONS
A5.01	RESPONSIBILITY MATRIX
A6.01	RESTROOM PLAN & DETAILS
A6.02	INTERIOR ELEVATIONS
A6.03	INTERIOR ELEVATIONS
A7.01	REFLECTED CEILING PLAN
A8.01	STANDARD MOUNTING HTS AND MISC DETAILS
A9.01	BAR SECTIONS & DETAILS
A9.02	BAR SECTIONS & DETAILS
A9.03	BAR TRELLIS PLAN
A9.04	BAR TRELLIS DETAILS

STRUCTURAL	
SG-01	GENERAL NOTES
SG-02	SPECIAL INSPECTIONS & TESTING
SG-03	SPECIFICATIONS
SP-01	FOUNDATION PLAN
SP-02	ROOF FRAMING PLAN
S5-01	SECTIONS

ELECTRICAL	
E1.0	FLOOR PLAN - LIGHTING
E2.0	FLOOR PLAN - POWER
E2.1	ROOF PLAN - ELECTRICAL
E3.0	ELECTRICAL SCHEDULES AND DETAILS
E3.1	ELECTRICAL SCHEDULES AND DETAILS
E3.2	ELECTRICAL SCHEDULES AND DETAILS

FIRE PROTECTION	
FP1.0	FLOOR PLAN - FIRE PROTECTION

MECHANICAL	
M1.0	FLOOR PLAN - HVAC
M2.0	ROOF PLAN - MECHANICAL
M3.0	MECHANICAL SCHEDULES AND DETAILS
M3.1	MECHANICAL SCHEDULES AND DETAILS
M4.0	CAPTIVEAIRE SCHEDULES AND DETAILS
M4.1	CAPTIVEAIRE SCHEDULES AND DETAILS
M4.2	CAPTIVEAIRE SCHEDULES AND DETAILS
M4.3	CAPTIVEAIRE SCHEDULES AND DETAILS
M4.4	CAPTIVEAIRE SCHEDULES AND DETAILS
M4.5	CAPTIVEAIRE SCHEDULES AND DETAILS

DEMOLITION	
MEP1.0	FLOOR PLAN - DEMOLITION
MEP1.1	ROOF PLAN - DEMOLITION

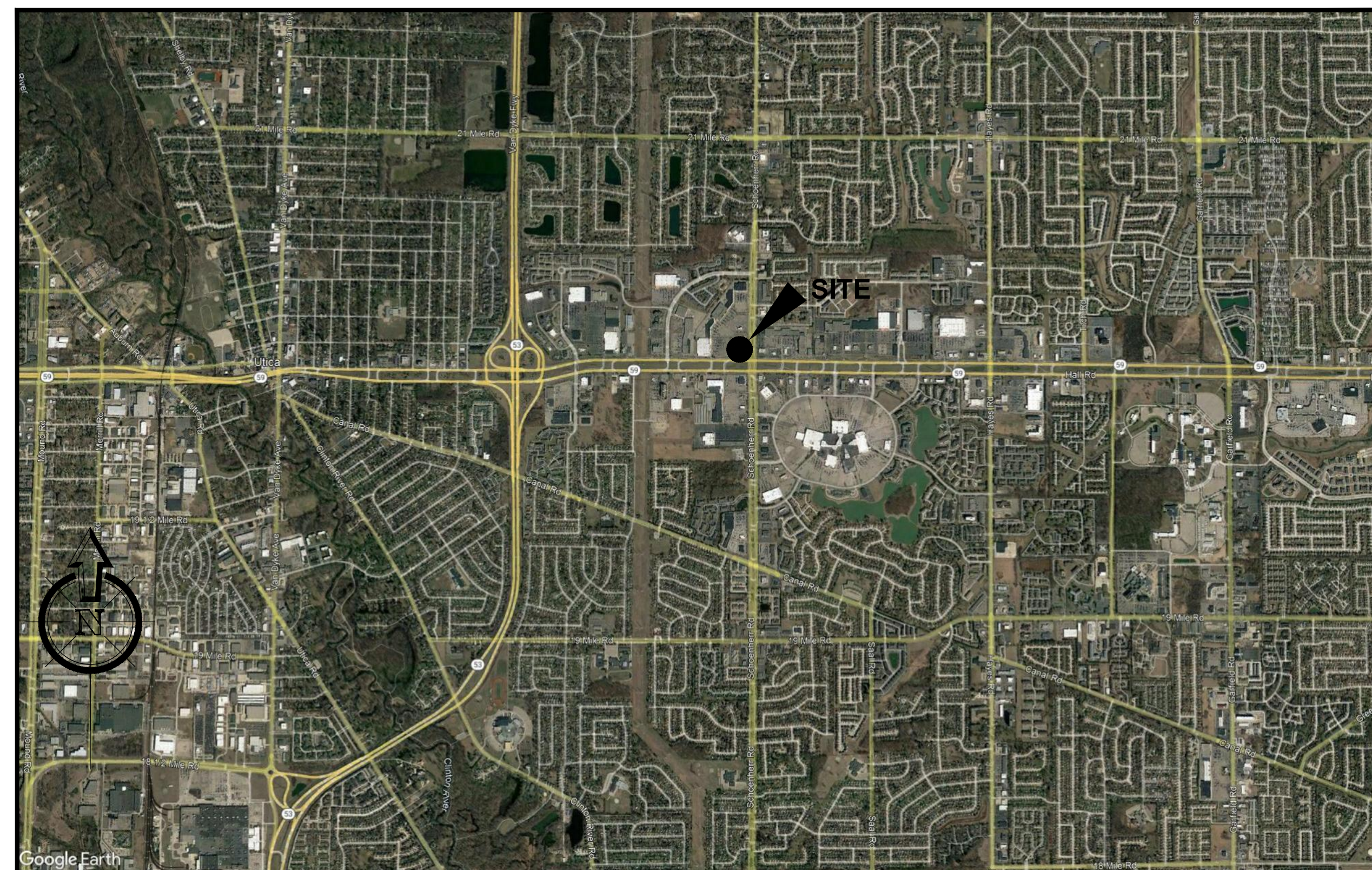
PLUMBING	
P1.0	PLUMBING SANITARY PLAN
P1.1	PLUMBING WATER & GAS PLAN
P2.0	ENLARGED PLAN - SANITARY PLAN
P2.1	ENLARGED PLAN - WATER AND GAS PLAN
P3.0	PLUMBING SCHEDULES AND DETAILS
P3.1	PLUMBING SCHEDULES AND DETAILS
P3.2	PLUMBING SCHEDULES AND DETAILS

SYMBOL LEGEND

	SECTION DETAIL SHEET
	DOOR NUMBER, SEE SCHEDULE
	FINISH ELEVATION
	INTERIOR ELEVATION/ LOCATION
ROOM NAME	
	ROOM NAME/ ROOM NUMBER
	WINDOW NUMBER, SEE SCHEDULE
	NEW DOOR SEE DOOR SCHEDULE
	BUILDING SECTION MARKER
	WALL SECTION MARKER
	SECTION DETAIL MARK
	ENLARGED REFERENCE



LOCATOR MAP



SMOKEY BONES

**LOCATED AT:
45001 SCHOENHERR RD
UTICA, MI 48315**

PROFESSIONAL OF RECORD:

ARCHITECT

NAME: JEFF SPIKES
LICENSE NO.: 1301069572
PHONE NO.: 318-828-1637

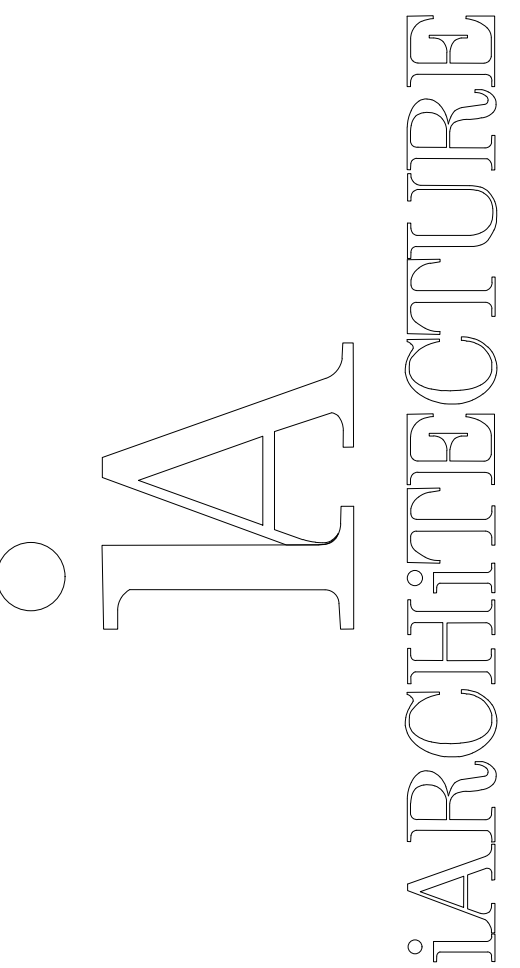
JEFF SPIKES ARCHITECT
417 LAKE STREET
SHREVEPORT, LOUISIANA 71101

CONTRACTOR NOTES

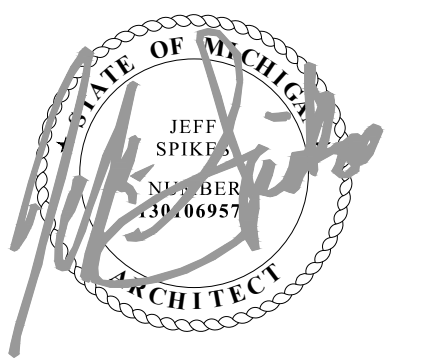
- IT IS THE CONTRACTOR'S RESPONSIBILITY TO REVIEW ALL DRAWINGS AND SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO ARCHITECTURAL, CIVIL, STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL PRIOR TO SUBMITTING A BID. REPORT ANY DISCREPANCIES TO ARCHITECT OR ENGINEER PRIOR TO BID.
- BIDDERS ARE TO VISIT THE SITE AND FAMILIARIZE THEMSELVES WITH EXISTING CONDITIONS AND SATISFY THEMSELVES AS TO THE NATURE AND SCOPE OF THE WORK. THE SUBMISSION OF A BID WILL BE EVIDENCE THAT SUCH AN EXAMINATION HAS BEEN MADE. LATER CLAIMS FOR LABOR, EQUIPMENT, OR MATERIALS REQUIRED, OR FOR ANY DIFFICULTIES ENCOUNTERED WHICH COULD HAVE BEEN FORESEEN HAD AN EXAMINATION BEEN MADE, WILL NOT BE ALLOWED.
- IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO NOTIFY THE ARCHITECT, AND OWNER OF ANY DISCREPANCIES ENCOUNTERED ON THE PLANS OR IN EXISTING SITE CONDITIONS PRIOR TO SUBMISSION OF BID.
- CONTRACTOR, DURING PRE-BID SITE VISIT, SHALL TAKE NOTICE OF ANY VISUALLY APPARENT CODE VIOLATIONS AND ALLOW IN HIS/HER BID FOR CORRECTING SUCH VIOLATIONS.
- CONTRACTORS ARE CAUTIONED TO COORDINATE ITEMS IN THEIR SCOPE OF WORK WITH OTHER TRADES.
- ALL CONSTRUCTION TO COMPLY WITH LOCAL AND STATE CODES AND STANDARDS.
- CONTRACTOR TO PROVIDE LOW LEVEL EXIT SIGNAGE WITH BRAILLE AT ALL REQUIRED EXITS.
- CONTRACTOR IS TO VERIFY EXISTING BACKFLOW PREVENTER IS PRESENT AND WORKING. PROVIDE NEW OR REPAIR AS NEEDED.
- THESE NOTES APPLY TO ALL SHEETS.

CODE INFORMATION:

CODES UTILIZED	INTERNATIONAL FIRE CODE, 2015 ED
FIRE/LIFE SAFETY CODE:	2009 ANSI A117.1
ACCESSIBILITY CODE:	MI BUILDING CODE, 2015 ED
BUILDING CODE:	MI PLUMBING CODE, 2015 ED
PLUMBING CODE:	INTERNATIONAL FUEL GAS CODE, 2015 ED
FUEL GAS CODE:	MI MECHANICAL CODE, 2015 ED
MECHANICAL CODE:	NEC ELECTRICAL CODE, 2014 ED
ELECTRICAL CODE:	



SMOKEY BONES
UTICA, MI



COPYRIGHT
THESE DOCUMENTS ARE PROTECTED BY UNITED STATES
COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY
FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR
USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION
WITHOUT THE EXPRESS WRITTEN APPROVAL AND
PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF
THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT.
ALL RIGHTS ARE RESERVED TO ARCHITECTURE.

COVER

REVISIONS	PROJECT NO:
NO. DATE	IA 2119
	SHEET
	A0.00

DATE 11/12/21

SCOPE OF WORK:

RESTAURANT CONVERSION (EXISTING TGI FRIDAYS TO SMOKEY BONES)

CODES ENFORCED:

CODES UTILIZED:
 FIRE/LIFE SAFETY CODE: INTERNATIONAL FIRE CODE, 2015 ED
 ACCESSIBILITY CODE: 2009 ANSI A117.1
 BUILDING CODE: MI BUILDING CODE, 2015 ED
 PLUMBING CODE: MI PLUMBING CODE, 2015 ED
 FUEL GAS CODE: INTERNATIONAL FUEL GAS CODE, 2015 ED
 MECHANICAL CODE: MI MECHANICAL CODE, 2015 ED
 ELECTRICAL CODE: NEC ELECTRICAL CODE, 2014 ED

CODE INFORMATION:

OCCUPANCY TYPE: SMOKEY BONES BBQ RESTAURANT

BUILDING CONSTRUCTION TYPE:

- OCCUPANCY CLASSIFICATION (304)
GROUP A - 2 ASSEMBLY (RESTAURANT)
- CONSTRUCTION TYPE (608)
TYPE VI - UNPROTECTED, SPRINKLERED (EXISTING)
- AREA ALLOWANCES (TABLE 500)

OCCUPANCY	MAX. HEIGHT	MAX. STORIES	ALLOW. AREA	ACTUAL AREA
A-2	40'-0" (PER CODE) 25'-0" (PER DEVELOPER)	1	15,000 SF	6,866 SF

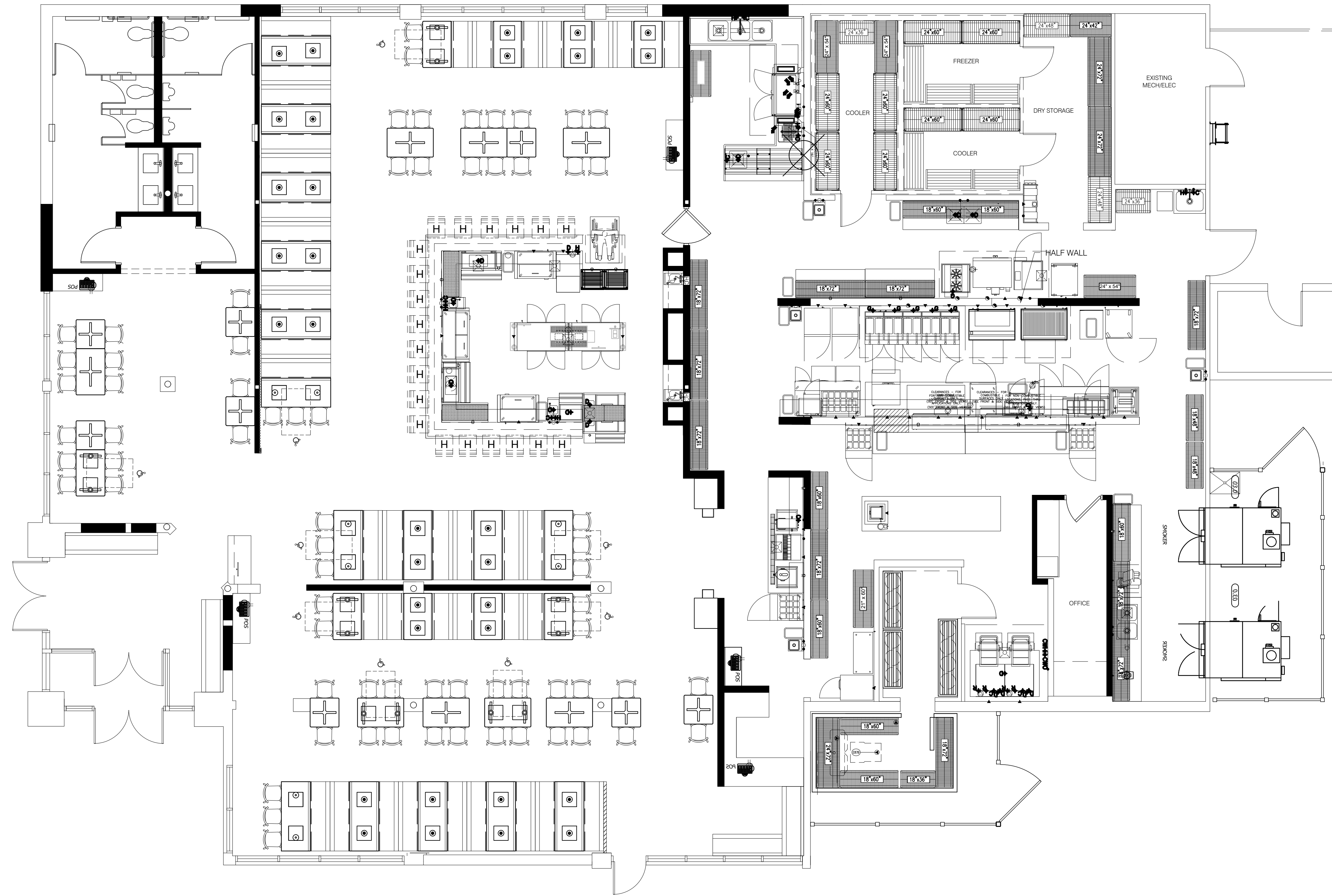
TOTAL OCCUPANT LOAD:

FLOOR	OCCUPANCY	AREA	MIN. OCC. LOAD	OCCUPANTS
1	DINING ROOM	3,185 NET SF	TOTAL SEATS	--
1	BUSINESS	1,938 SF	100/PERSON	20
1	WAITING	155 SF	5/PERSON	31
1	WAITING (BAR)	93 SF	5/PERSON	19
				262

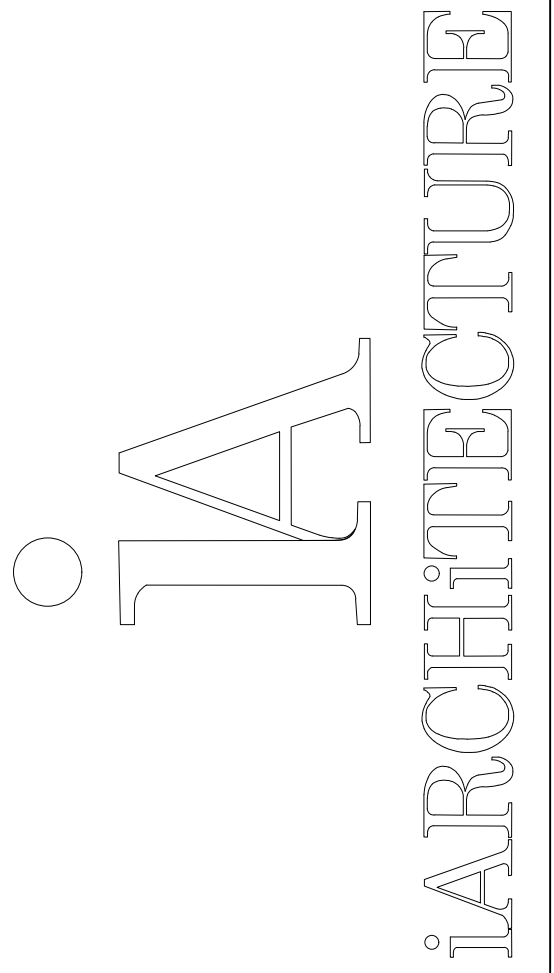
BUILDING USE: RESTAURANT
 TRAVEL DISTANCE REQUIRED: 250' MAX.
 COMMON PATH REQUIRED: 20' (50 OR MORE OCCUPANTS) / 75' (LESS THAN 50 OCCUPANTS) MAX
 DEAD END CORRIDOR: 20' MAX
 LEGEND

FIRE ALARM
 FIRE ALARM PROVIDED PER THE 2014 INDIANA FIRE PREVENTION CODE

MAIN DINING SEATING & TABLE SCHEDULE		
SEATING TYPE:	TABLES	SEATS
ONE'S	21	21
TWO'S	8	16
THREE'S	0	0
FOUR'S	17	68
FIVE'S	0	0
SIX'S	15	90
EIGHT'S	0	0
TOTALS:	61	195
SEATING RATIO:		3.2
5% ACCESSIBLE SEATING: (4 ADA Seats Req. for 51-60 Seats)		9.8
ACCESSIBLE SEATING: (REQUIRED TO ROUND UP)		10



A1 LIFE SAFETY PLAN
 SCALE: 3/16" = 1'-0"



SMOKEY BONES
 UTICA, MI



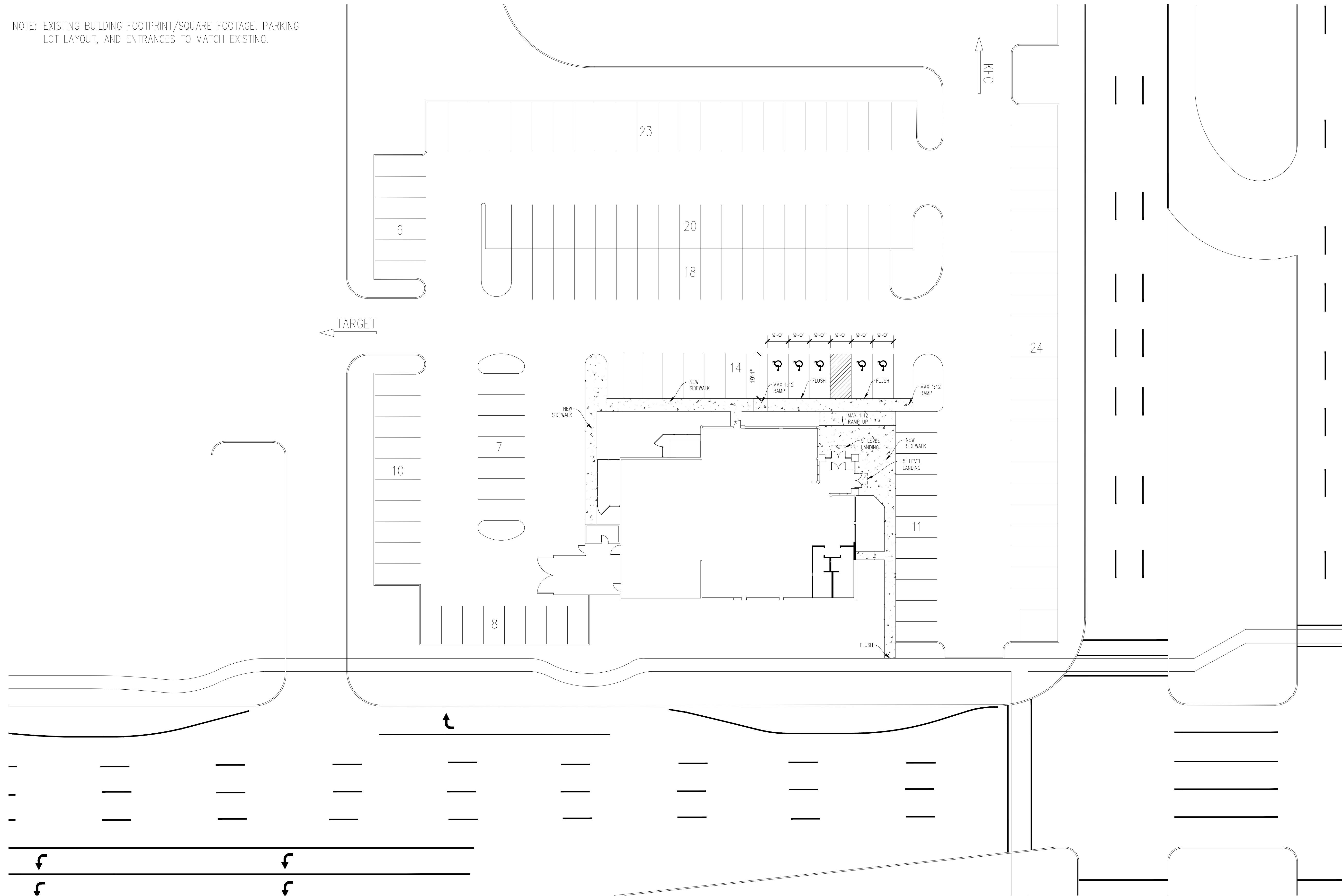
COPYRIGHT
 THESE DOCUMENTS ARE PROTECTED BY UNITED STATES COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT. ALL RIGHTS ARE RESERVED TO ARCHITECTURE.

LIFE SAFETY PLAN

REVISIONS	PROJECT NO:
NO. DATE	IA 2119
	SHEET
	A0.01

DATE 11/12/21

NOTE: EXISTING BUILDING FOOTPRINT/SQUARE FOOTAGE, PARKING LOT LAYOUT, AND ENTRANCES TO MATCH EXISTING.



A1 SITE PLAN
SCALE: 1/16" = 1'-0"

SMOKEY BONES
UTICA, MI




COPYRIGHT
THESE DOCUMENTS ARE PROTECTED BY UNITED STATES
COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY
FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR
USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION
WITHOUT THE EXPRESS WRITTEN APPROVAL AND
PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF
THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT.
ALL RIGHTS ARE RESERVED TO iARCHITECTURE.

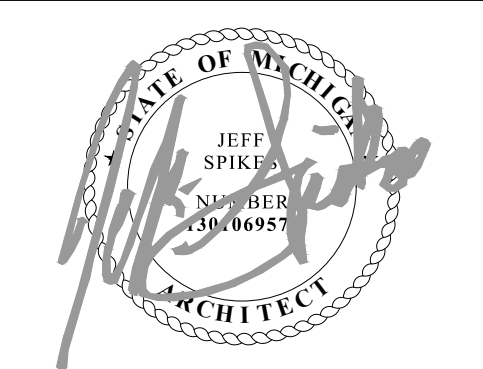
SITE PLAN

REVISIONS	PROJECT NO:
NO. DATE	IA 2119
	SHEET
	A1.01

NOTES:

- REMOVE ALL INTERIOR FINISHES IN FOH (FRONT OF HOUSE) AREAS AS REQUIRED BY EXTENT OF NEW WORK. THIS INCLUDES DINING ROOM, FRONT OF OFFICE, AND RESTROOMS.
- ANY EXISTING WALLS OR SECTIONS OF WALLS MARKED WITH  HATCH ARE TO BE DEMOLISHED AS REQUIRED BY EXTENT OF NEW WORK.
- ANY EXISTING ITEMS WHICH ARE TO REMAIN ARE TO BE PRESERVED AND PROTECTED FOR REUSE BY G.C.
- ALL EXTERIOR FINISHES TO BE REMOVED AS NECESSARY FOR INSTALLATION OF NEW FINISHES.

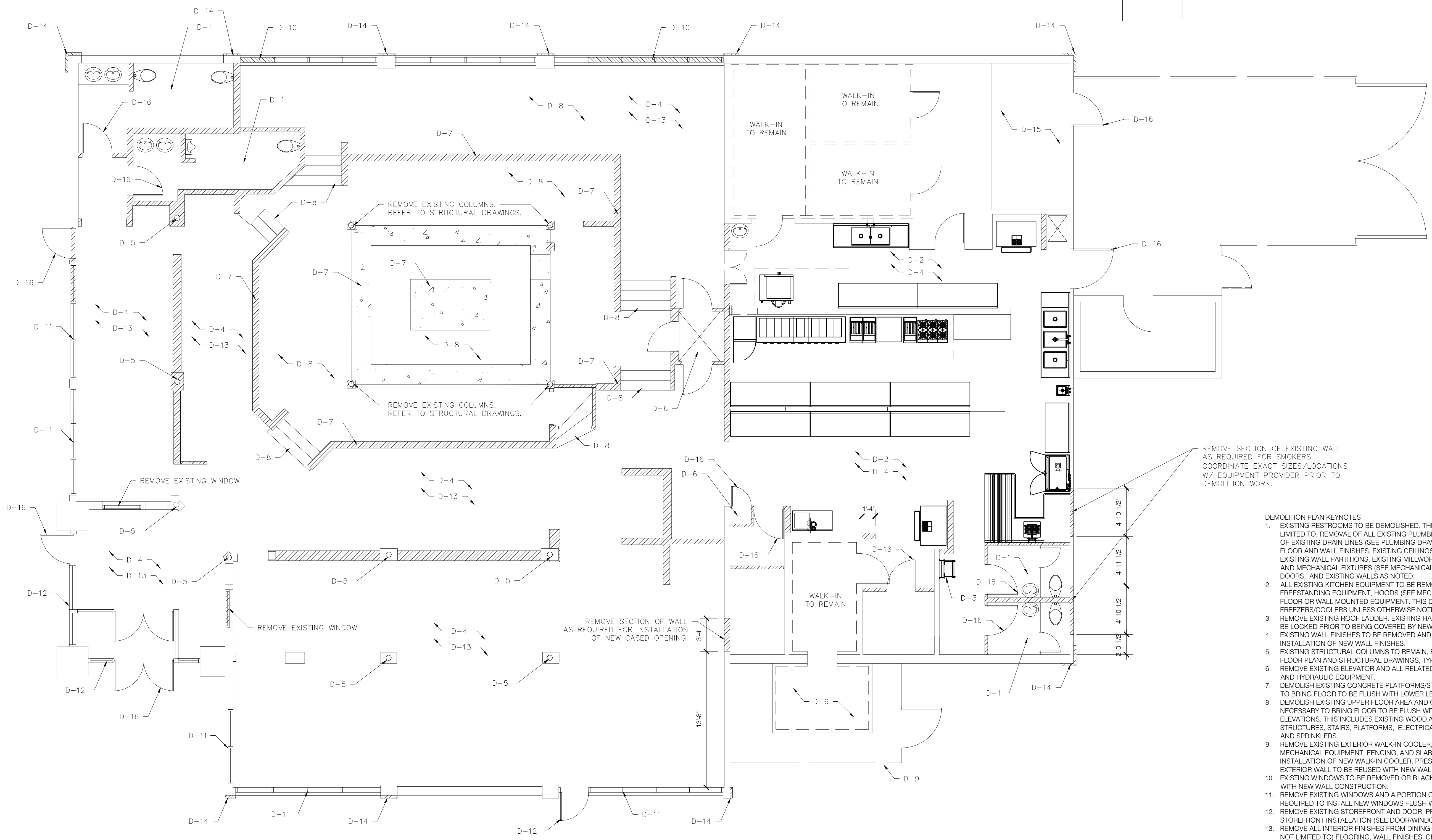
SMOKEY BONES
UTICA, MI



COPYRIGHT
THESE DOCUMENTS ARE PROTECTED BY UNITED STATES
COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY
FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR
USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION
WITHOUT THE EXPRESS WRITTEN APPROVAL AND
PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF
THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT.
ALL RIGHTS ARE RESERVED TO ARCHITECTURE.

DEMO
FLOOR
PLAN

REVISIONS	PROJECT NO:
NO. DATE	IA 2119
	SHEET
	A2.00

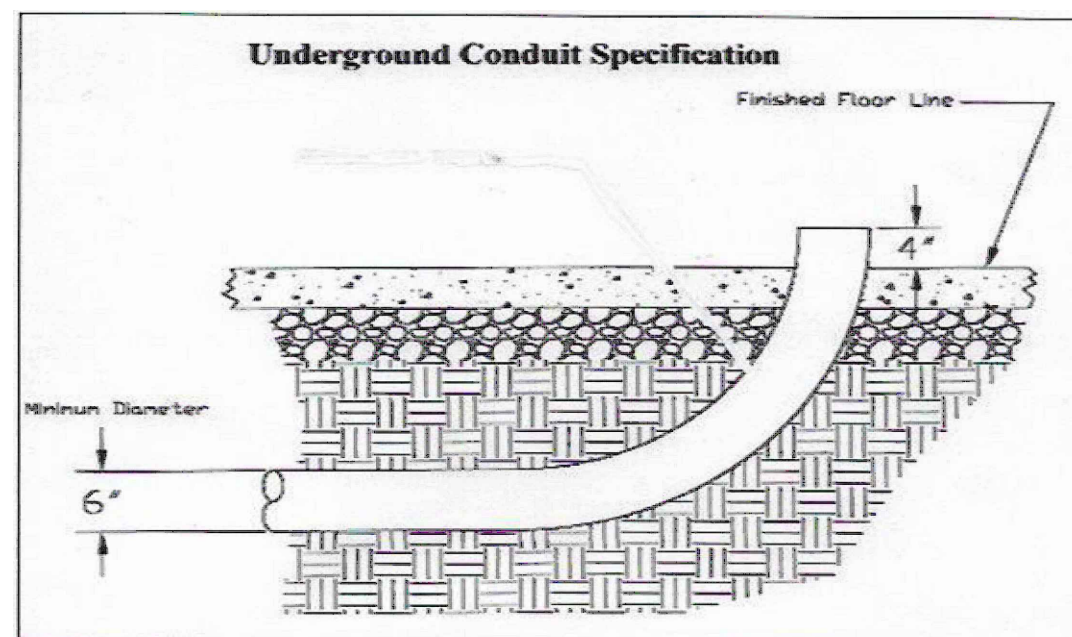


- DEMOLITION PLAN KEYNOTES
- EXISTING RESTROOMS TO BE DEMOLISHED. THIS INCLUDES, BUT IS NOT LIMITED TO, REMOVAL OF ALL EXISTING PLUMBING FIXTURES AND CAPPING OF EXISTING DRAIN LINES (SEE PLUMBING DRAWINGS); ALL EXISTING FLOOR AND WALL FINISHES, EXISTING CEILING AND CEILING FIXTURES, EXISTING WALL PARTITIONS, EXISTING MILLWORK, EXISTING DUCTWORK AND MECHANICAL FIXTURES (SEE MECHANICAL DRAWINGS), EXISTING DOORS, AND EXISTING WALLS AS NOTED.
 - ALL EXISTING KITCHEN EQUIPMENT TO BE REMOVED. THIS INCLUDES FREESTANDING EQUIPMENT, HOODS (SEE MECHANICAL DRAWINGS), AND FLOOR OR WALL MOUNTED EQUIPMENT. THIS DOES NOT INCLUDE WALK-IN FREEZERS/COOLERS UNLESS OTHERWISE NOTED.
 - REMOVE EXISTING ROOF LADDER. EXISTING HATCH DOOR TO REMAIN AND BE LOCKED PRIOR TO BEING COVERED BY NEW CEILING GRID.
 - EXISTING WALL FINISHES TO BE REMOVED AND WALLS TO BE PREPARED FOR INSTALLATION OF NEW WALL FINISHES.
 - EXISTING STRUCTURAL COLUMNS TO REMAIN, EXCEPT AS NOTED ON DEMO FLOOR PLAN AND STRUCTURAL DRAWINGS, TYPICAL.
 - REMOVE EXISTING ELEVATOR AND ALL RELATED ELECTRICAL, MECHANICAL, AND HYDRAULIC EQUIPMENT.
 - DEMOLISH EXISTING CONCRETE PLATFORMS/STEM WALLS AS NECESSARY TO BRING FLOOR TO BE FLUSH WITH LOWER LEVEL FLOOR ELEVATIONS.
 - DEMOLISH EXISTING UPPER FLOOR AREA AND CRAWLSPACE AS NECESSARY TO BRING FLOOR TO BE FLUSH WITH LOWER LEVEL FLOOR ELEVATIONS. THIS INCLUDES EXISTING WOOD AND CONCRETE STRUCTURES, STAIRS, PLATFORMS, ELECTRICAL, MECHANICAL, PLUMBING, AND SPRINKLERS.
 - REMOVE EXISTING EXTERIOR WALK-IN COOLER, INCLUDING ALL MECHANICAL EQUIPMENT, FENCING, AND SLAB. PREPARE AREA FOR INSTALLATION OF NEW WALK-IN COOLER. PRESERVE EXISTING OPENING IN EXTERIOR WALL TO BE REUSED WITH NEW WALK-IN COOLER.
 - EXISTING WINDOWS TO BE REMOVED OR BLACKED OUT AND COVERED WITH NEW WALL CONSTRUCTION.
 - REMOVE EXISTING WINDOWS AND A PORTION OF EXISTING WALLS AS REQUIRED TO INSTALL NEW WINDOWS FLUSH WITH FINISH FLOOR.
 - REMOVE EXISTING STOREFRONT AND DOOR. PREPARE AREA FOR NEW STOREFRONT INSTALLATION (SEE DOOR/WINDOW SCHEDULES.)
 - REMOVE ALL INTERIOR FINISHES FROM DINING AREAS, INCLUDING (BUT NOT LIMITED TO) FLOORING, WALL FINISHES, CEILING GRID, LIGHT FIXTURES, CEILING ELEMENTS, ETC.
 - REMOVE EXISTING EXTERIOR FINISH BUMPPOINTS AS REQUIRED BY EXTENT OF NEW WORK.
 - REMOVE ALL INTERIOR FINISHES AND REPLACE WITH NEW. EXISTING MECHANICAL/ELECTRICAL EQUIPMENT TO BE REMOVED PER MEP DEMO PLAN. SEE MECHANICAL/ELECTRICAL DRAWINGS.
 - REMOVE EXISTING DOOR(S).

A1 FLOOR PLAN
SCALE: 3/16" = 1'-0"

NOTES:

- HATCHED WALLS DENOTE NEW WALL CONSTRUCTION
- KITCHEN TO HAVE ALL NEW WHITE FRP INSTALLED THROUGHOUT
- SMOKER ROOM TO HAVE STAINLESS STEEL WALL PANELS INSTALLED INSTEAD OF FRP
- MECHANICAL/SPRINKLER ROOM TO HAVE NEW FRP OR APPROVED EQUAL INSTALLED

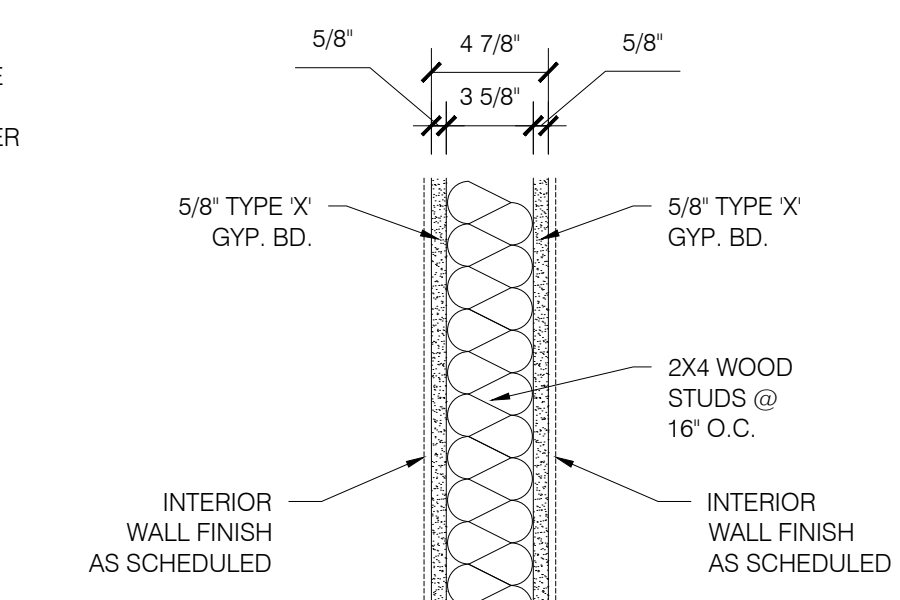


D4 UNDERGROUND BEER/SODA CONDUIT DETAIL

SCALE: N.T.S.

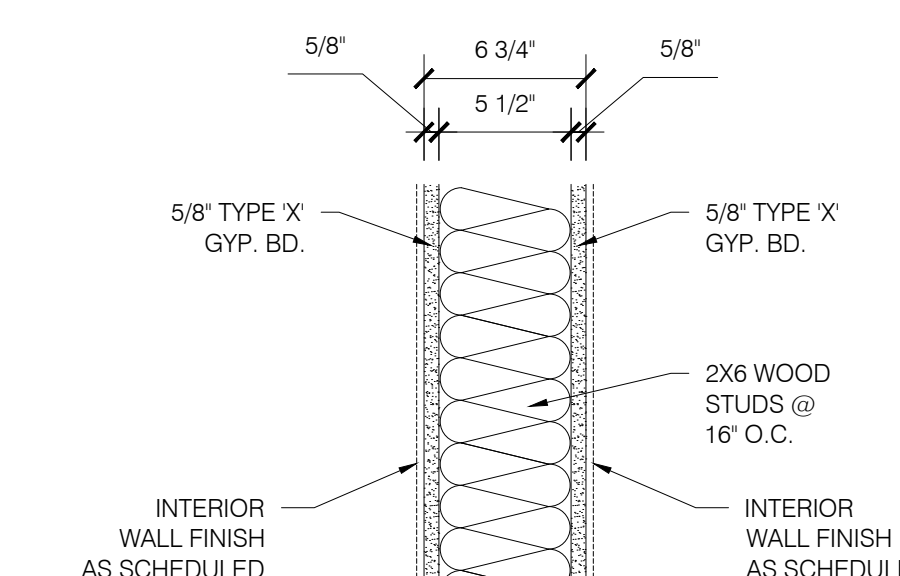
UNDERGROUND BEER/SODA CONDUIT NOTES

- G.C. IS RESPONSIBLE TO COORDINATE INFORMATION WITH PLUMBERS AND FOUNDATION CONTRACTORS FOR INSTALLATION.
- PLUMBERS MUST USE 6" ELECTRICAL PVC PIPE THAT IS SEAMLESS ON INSIDE OF THE PIPE JOINTS.
- ALL JOINTS MUST BE SOLVENT CEMENTED IN ACCORDANCE WITH PVC MANUFACTURER'S RECOMMENDATIONS TO GUARANTEE A WATERTIGHT CHASE.
- ONLY ONE 90° ELECTRICAL SWEEP MAY BE USED AT EACH END OF THE CHASE.
- BACK TO BACK SWEEPS SWITCHING DIRECTIONS CANNOT BE USED.
- CONDUIT MUST BE CAPPED AND SEALED AT BOTH ENDS DURING CONSTRUCTION.
- INSTALLER MUST TRIM EXPOSED ENDS TO FOUR INCHES ABOVE FINISHED FLOOR DURING PRODUCT LINE INSTALLATION.
- THE SWEEPS MUST BE 90° ELECTRICAL SWEEPS AS SHOWN IN ILLUSTRATION.
- AT NO TIME CAN YOU USE ANY STRAIGHT 90 DEGREE BENDS - THEY MUST BE SWEEPING.
- COORDINATE EXACT LOCATIONS WITH OWNER AND/OR EQUIPMENT PROVIDER PRIOR TO CONDUIT CHASE INSTALLATION.



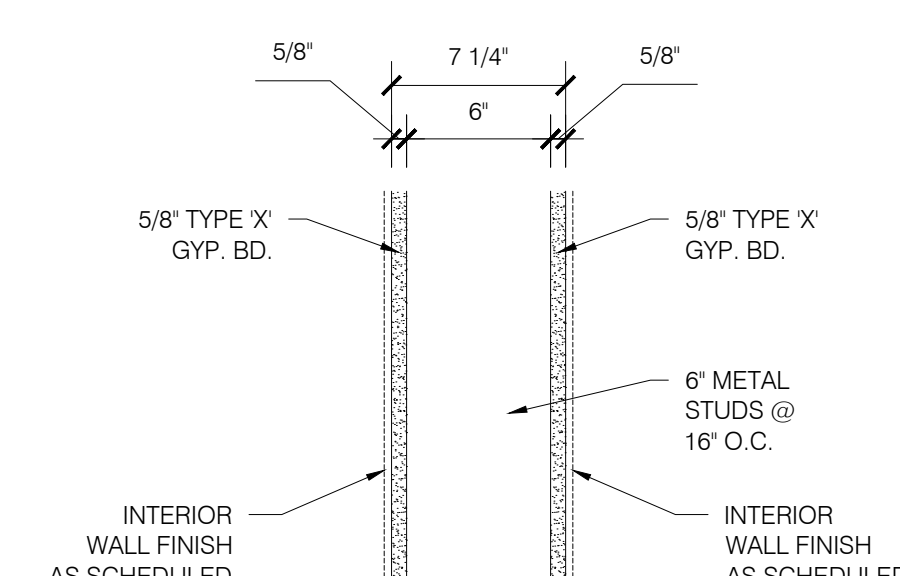
D5 INTERIOR WALL TYPE A

SCALE: 1-1/2" = 1'-0"
TYPICAL UNLESS OTHERWISE NOTED



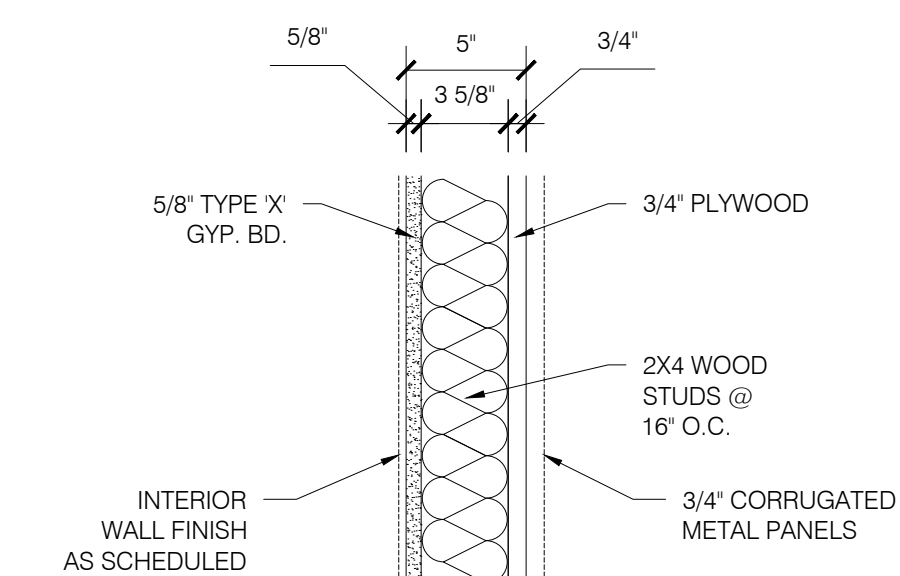
C5 INTERIOR WALL TYPE B

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



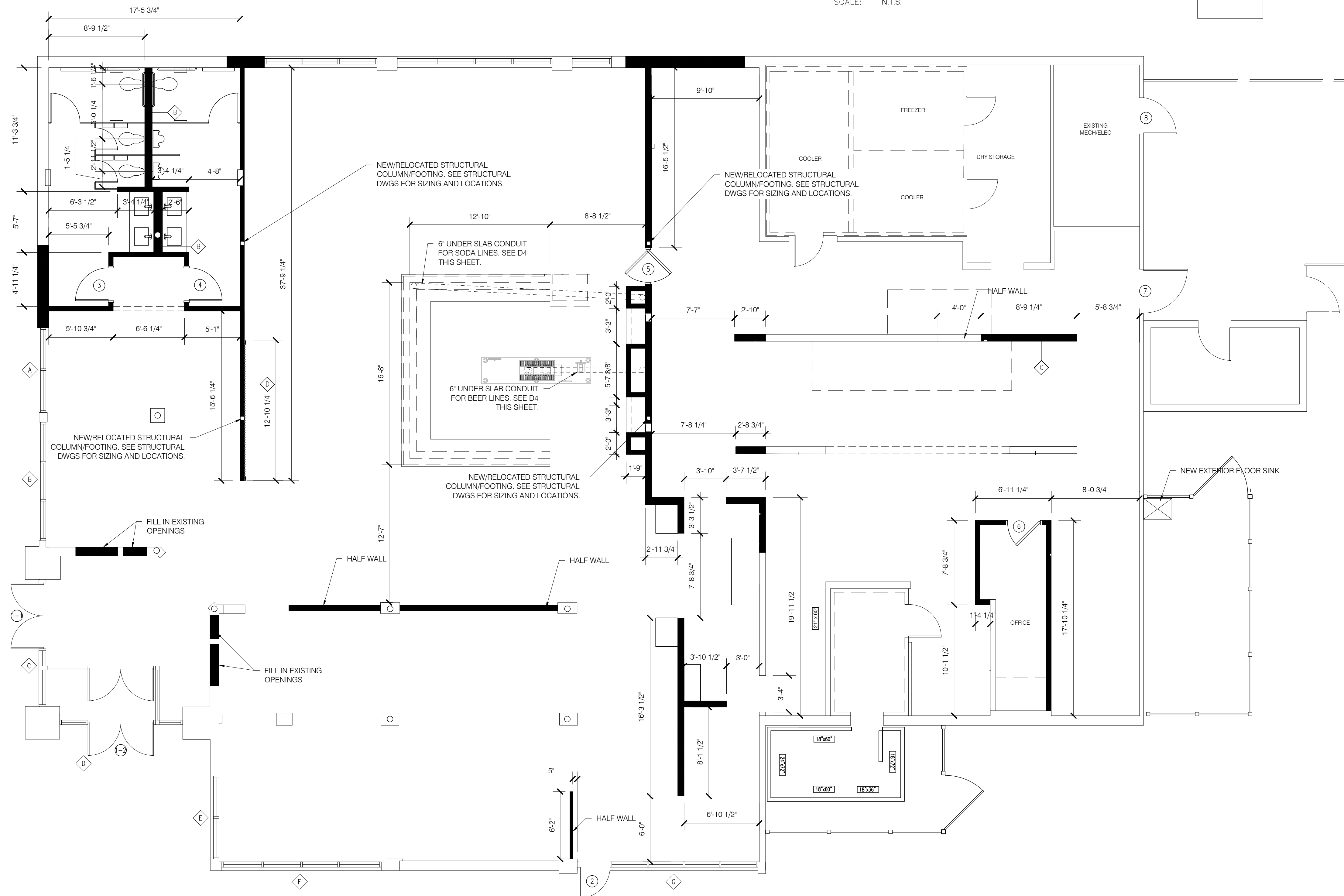
B5 INTERIOR WALL TYPE C

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



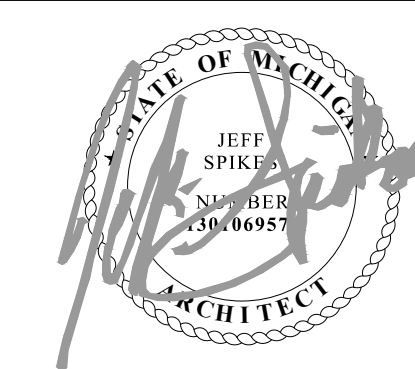
A5 INTERIOR WALL TYPE D

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



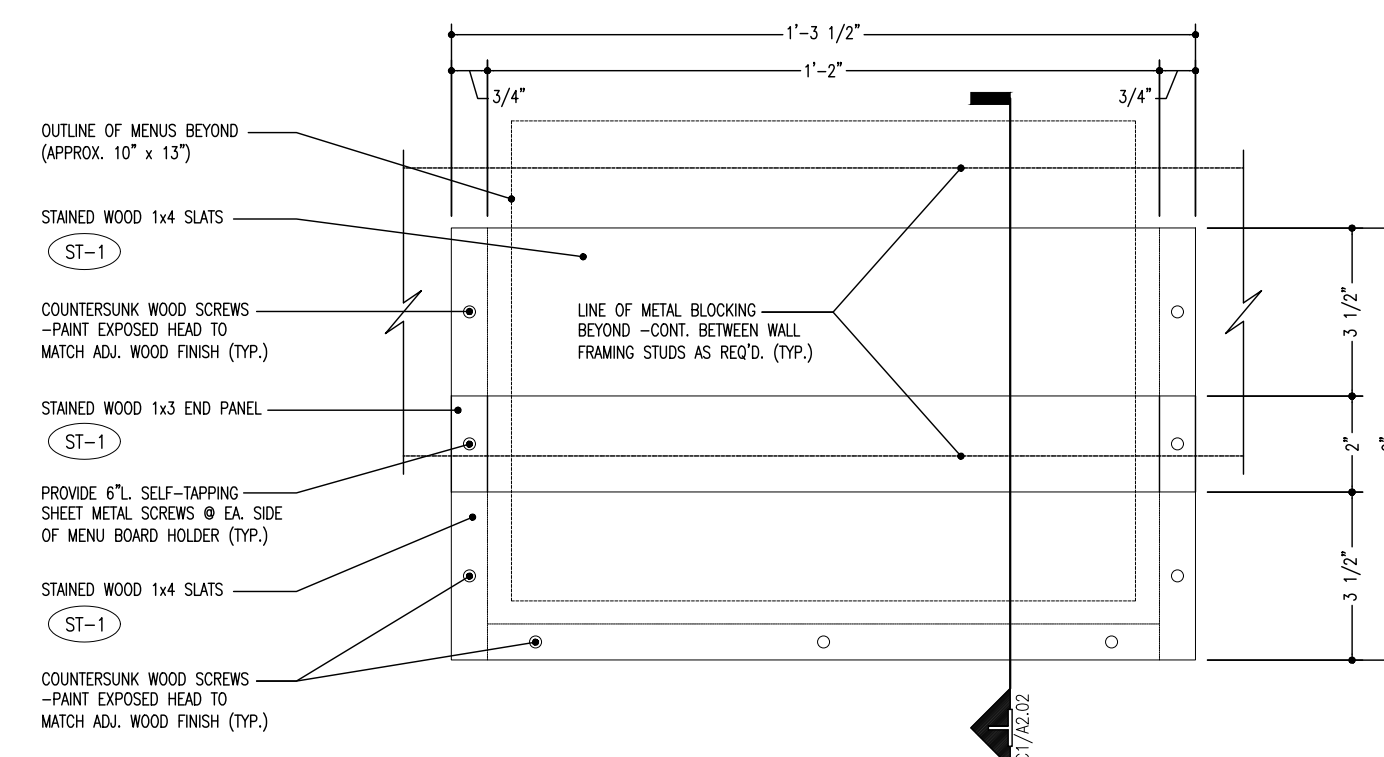
A1 FLOOR PLAN

SCALE: 3/16" = 1'-0"



COPYRIGHT
THESE DOCUMENTS ARE PROTECTED BY UNITED STATES COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT. ALL RIGHTS ARE RESERVED TO IA ARCHITECTURE.

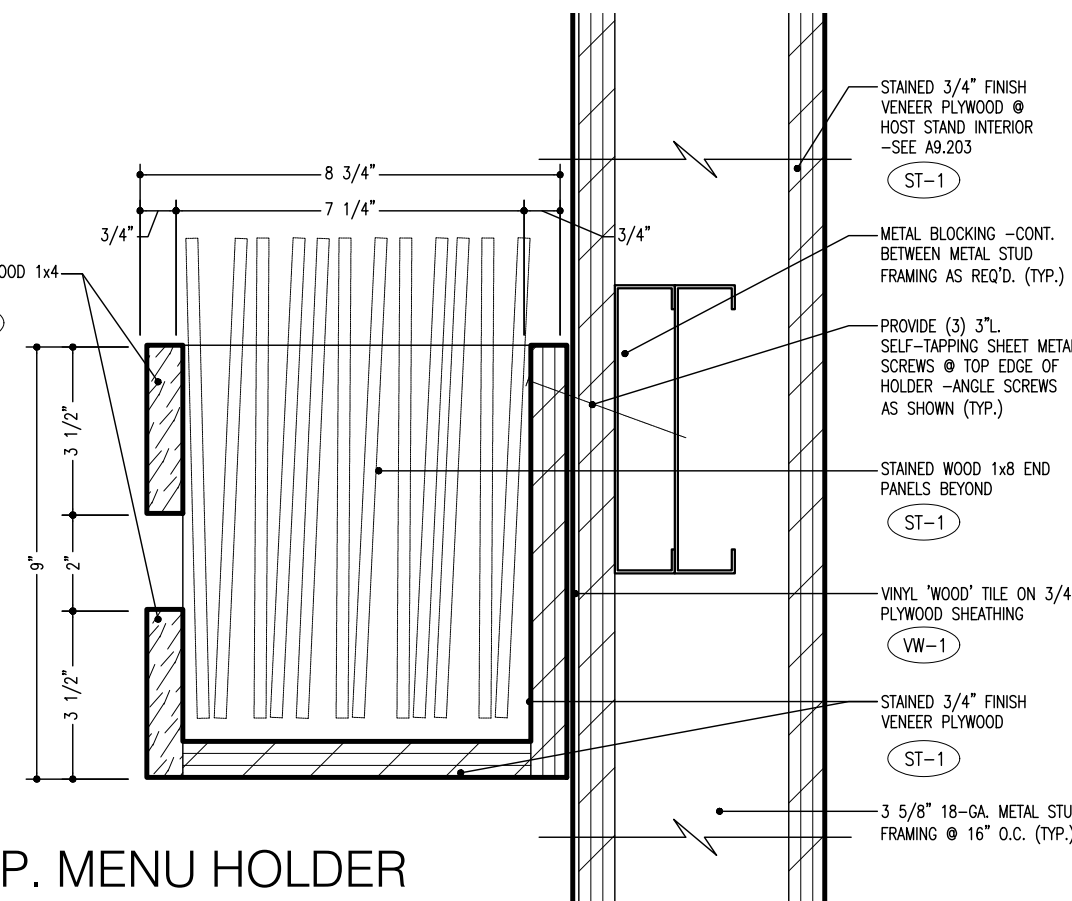
REVISIONS	PROJECT NO:
NO. DATE	IA 2119
	SHEET
	A2.01



D1 TYP. MENU HOLDER

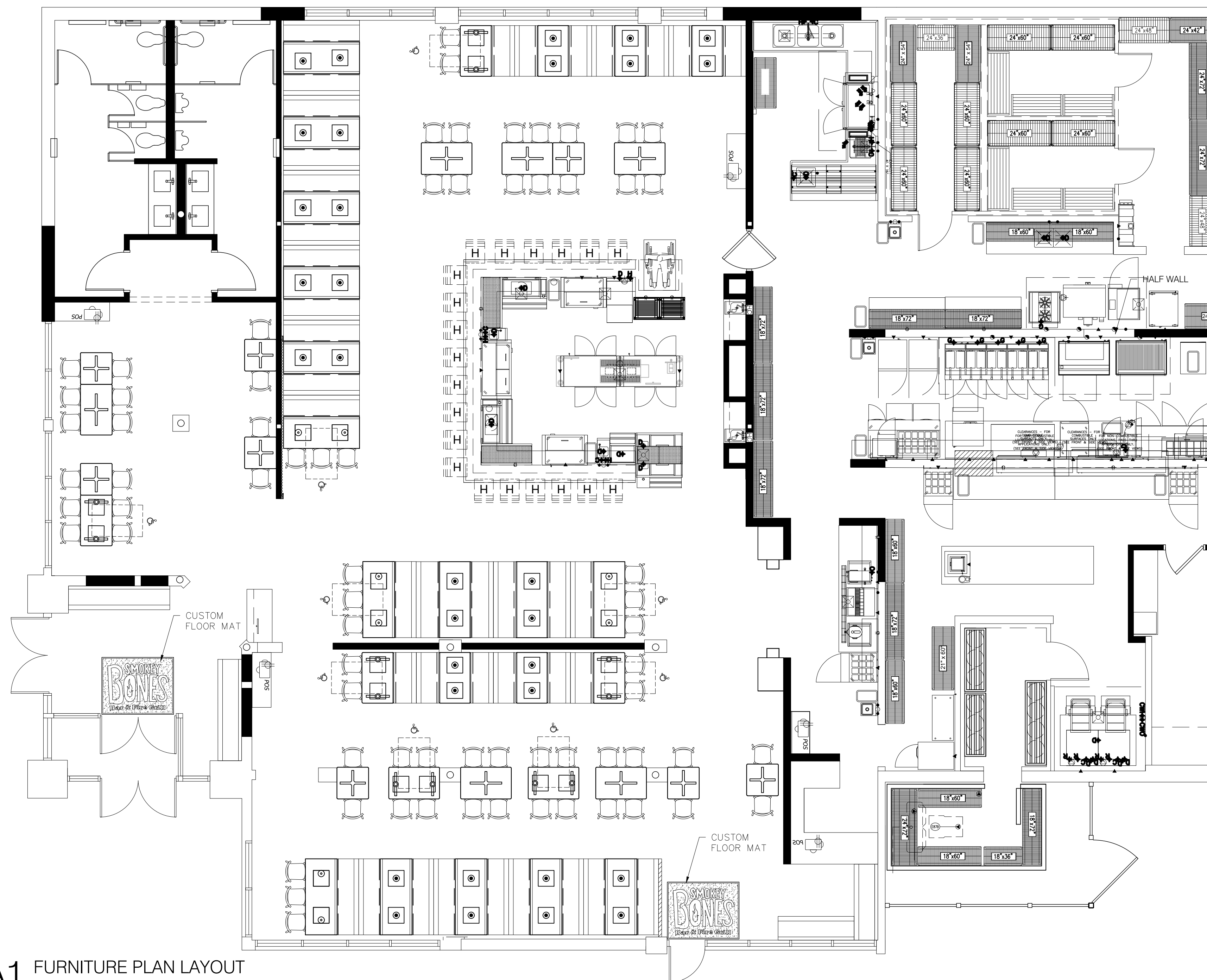
SCALE: 3" = 1'-0"

NOTE:
4 TOTAL MENU HOLDERS



D2 TYP. MENU HOLDER

SCALE: 3" = 1'-0"



MAIN DINING SEATING & TABLE SCHEDULE

SEATING TYPE:	TABLES	SEATS
ONE'S	21	21
TWO'S	8	16
THREE'S	0	0
FOUR'S	17	68
FIVE'S	0	0
SIX'S	15	90
EIGHT'S	0	0
TOTALS:	61	195

SEATING RATIO: 3.2

5% ACCESSIBLE SEATING: (4 ADA Seats Req. for 51-60 Seats)

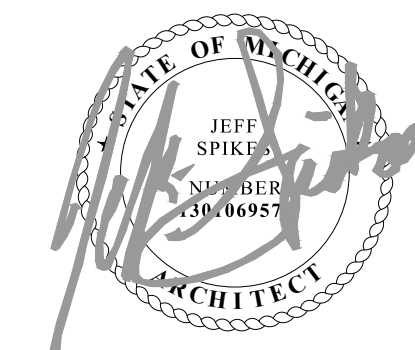
9.8

ACCESSIBLE SEATING: (REQUIRED TO ROUND UP)

10

A1 FURNITURE PLAN LAYOUT

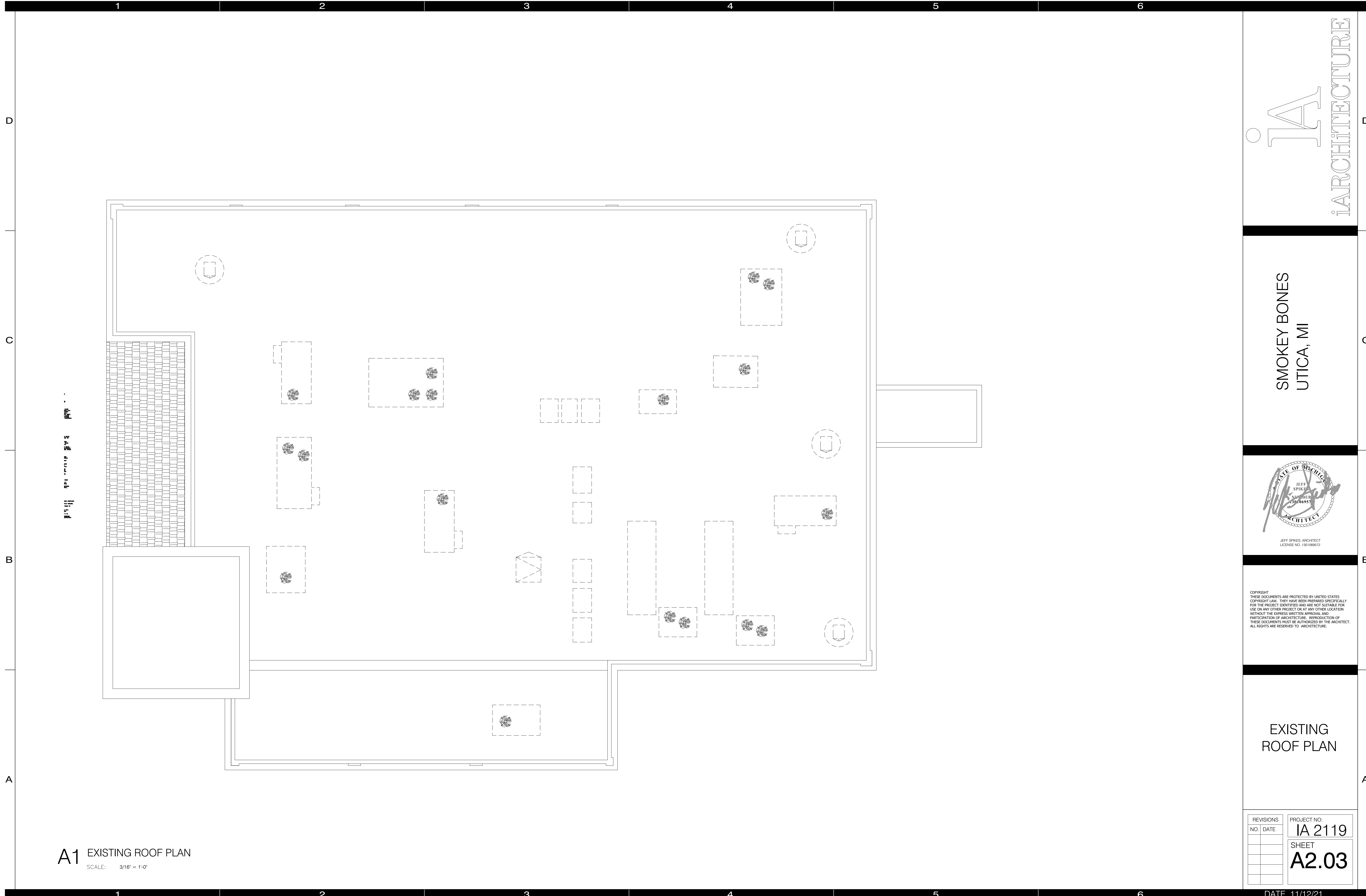
SCALE: 3/16" = 1'-0"



JEFF SPIKES ARCHITECT
LICENSE NO. 1301099072

COPYRIGHT
THESE DOCUMENTS ARE PROTECTED BY UNITED STATES
COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY
FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR
USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION
WITHOUT THE EXPRESS WRITTEN APPROVAL AND
PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF
THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT.
ALL RIGHTS ARE RESERVED TO ARCHITECTURE.

REVISIONS NO. DATE	PROJECT NO: IA 2119
	SHEET A2.02



A1 EXISTING ROOF PLAN
 SCALE: 3/16" = 1'-0"

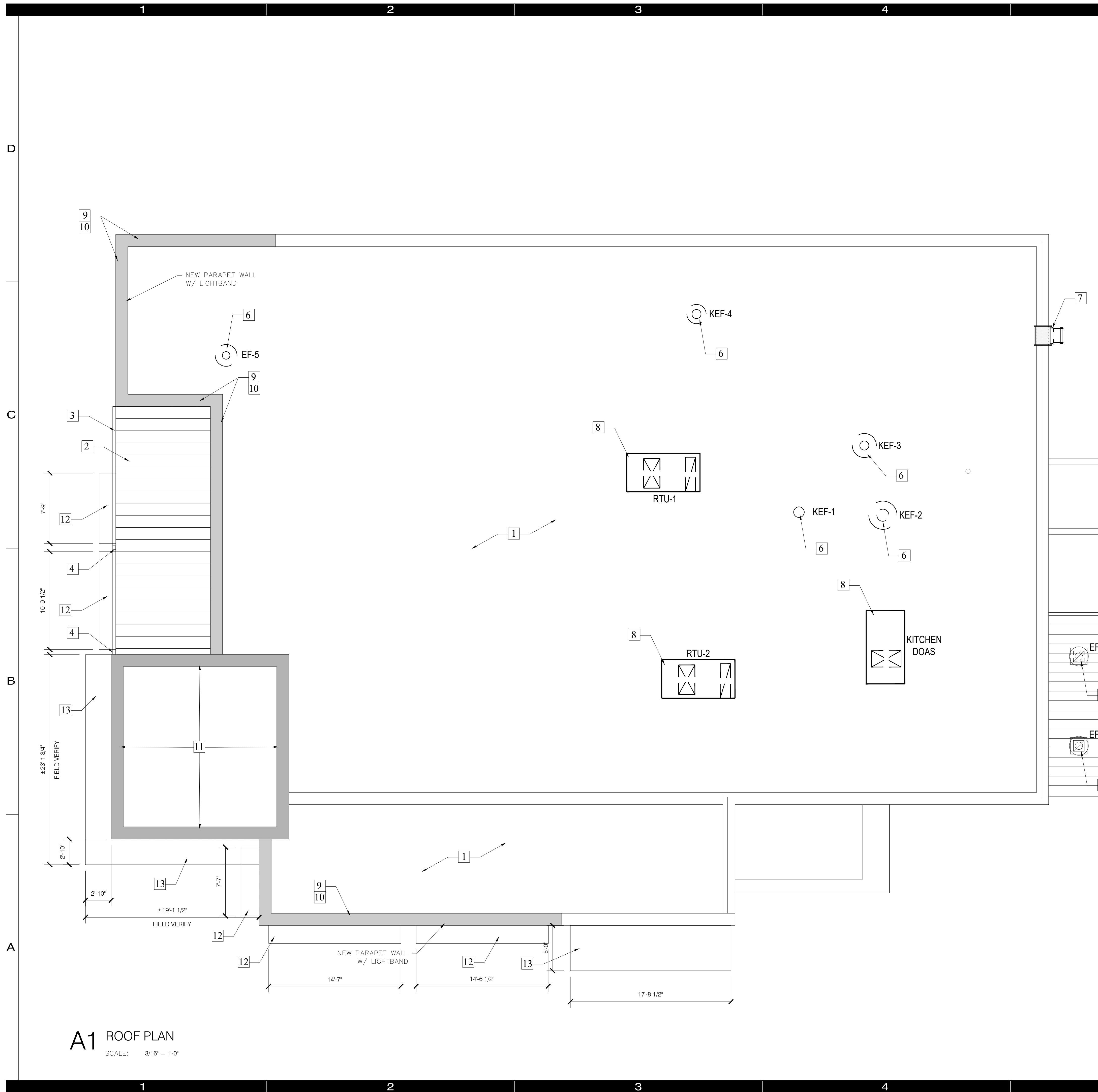
SMOKEY BONES
 UTICA, MI



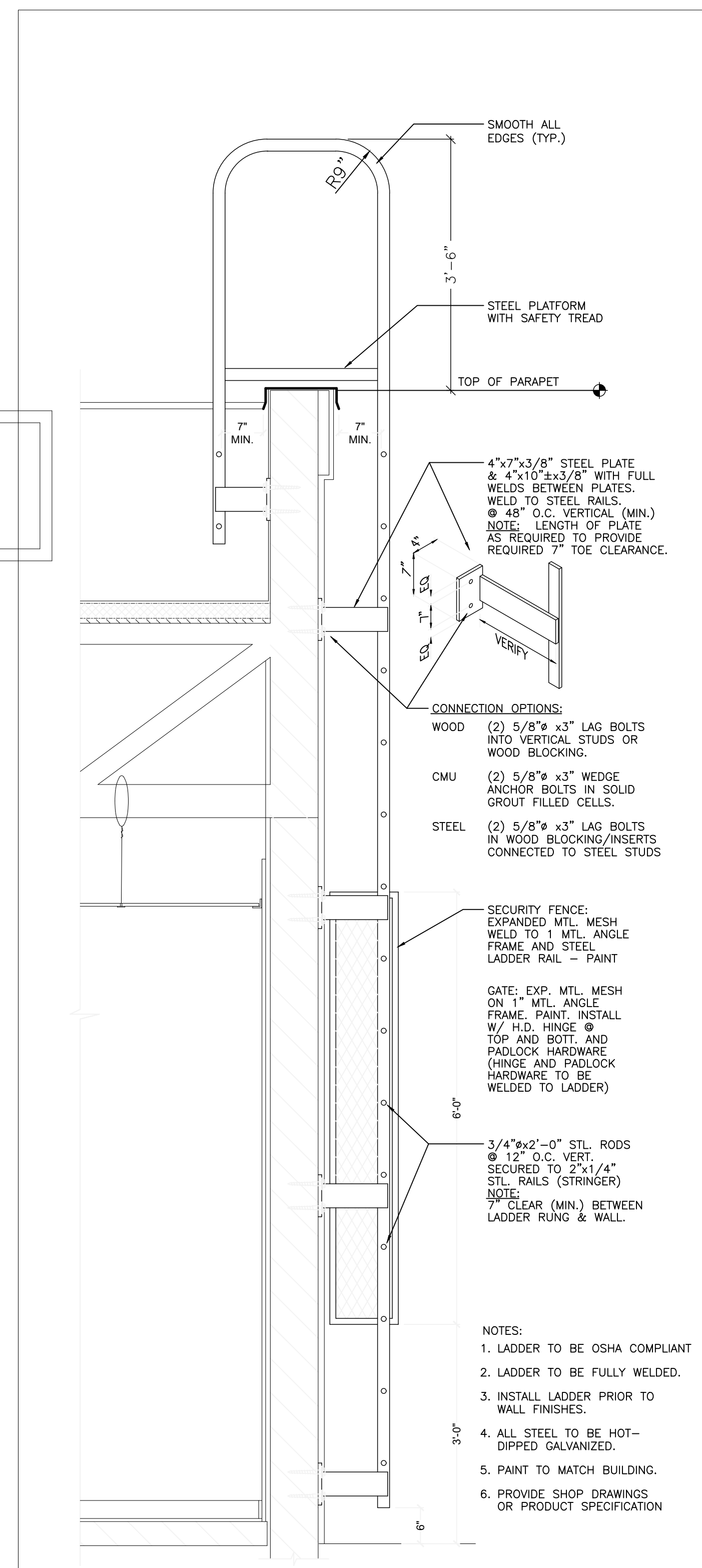
COPYRIGHT
 THESE DOCUMENTS ARE PROTECTED BY UNITED STATES
 COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY
 FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR
 USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION
 WITHOUT THE EXPRESS WRITTEN APPROVAL AND
 PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF
 THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT.
 ALL RIGHTS ARE RESERVED TO ARCHITECTURE.

EXISTING
 ROOF PLAN

REVISIONS	PROJECT NO:
NO. DATE	IA 2119
	SHEET
	A2.03

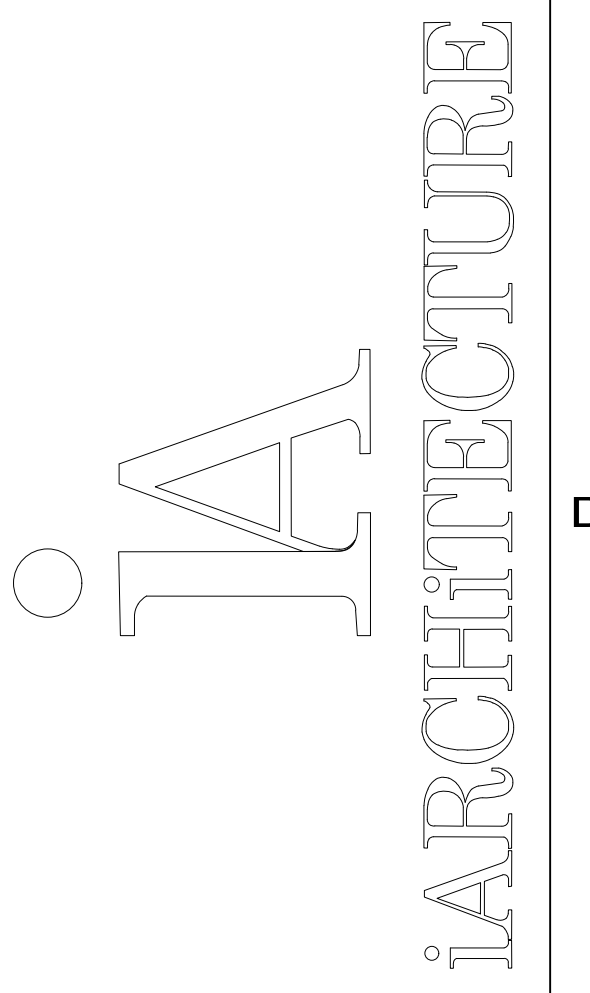


KEY NOTES			
REV	KEY	SPEC.	DESCRIPTION
	1		SINGLE PLY ROOFING MEMBRANE (DUROLAST OR APPROVED EQUIVALENT) OVER 4" RIGID INSULATION
	2		NEW STANDING SEAM METAL ROOF
	3		6" PREFINISHED ALUMINUM GUTTER
	4		6" PREFINISHED ALUMINUM DOWNSPOUT
	5		EXISTING ROOF ACCESS HATCH TO BE LATCHED AND SEALED
	6		NEW EXHAUST FANS
	7		NEW EXTERIOR ROOF ACCESS LADDER
	8		NEW ROOF TOP UNIT (RTU)
	9		CONT. WALL SCREEN FRAME ANCHORED TO PARAPET WALL
	10		CONT. BREAK METAL PARAPET COPING (COLOR: DARK BRONZE TYP.)
	11		STEEL TRELLIS (REFER TO SECTIONS)
	12		CANVAS AWNING. G.C. TO FIELD VERIFY DIMENSIONS PRIOR TO ORDERING/PRODUCTION.
	13		NEW METAL AWNING. G.C. TO FIELD VERIFY DIMENSIONS PRIOR TO ORDERING/PRODUCTION.



A5 ROOF LADDER DETAIL
SCALE: 3/4" = 1'-0"

A1 ROOF PLAN
SCALE: 3/16" = 1'-0"



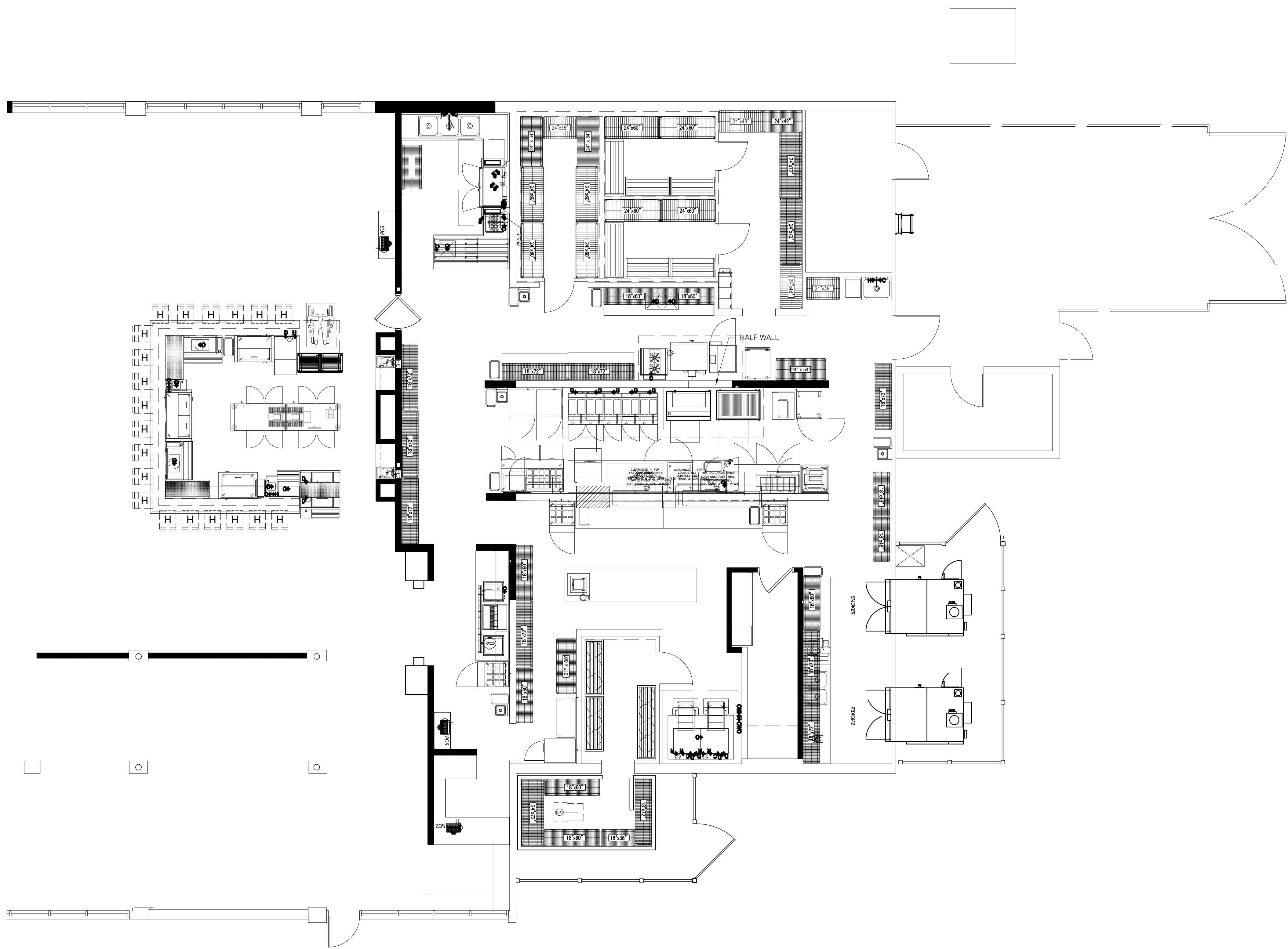
SMOKEY BONES
UTICA, MI



COPYRIGHT
THESE DOCUMENTS ARE PROTECTED BY UNITED STATES
COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY
FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR
USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION
WITHOUT THE EXPRESS WRITTEN APPROVAL AND
PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF
THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT.
ALL RIGHTS ARE RESERVED TO IA ARCHITECTURE.

ROOF PLAN

REVISIONS	PROJECT NO:
NO. DATE	IA 2119
	SHEET
	A2.04



A1 KITCHEN EQUIPMENT PLAN
 SCALE: 3/16" = 1'-0"

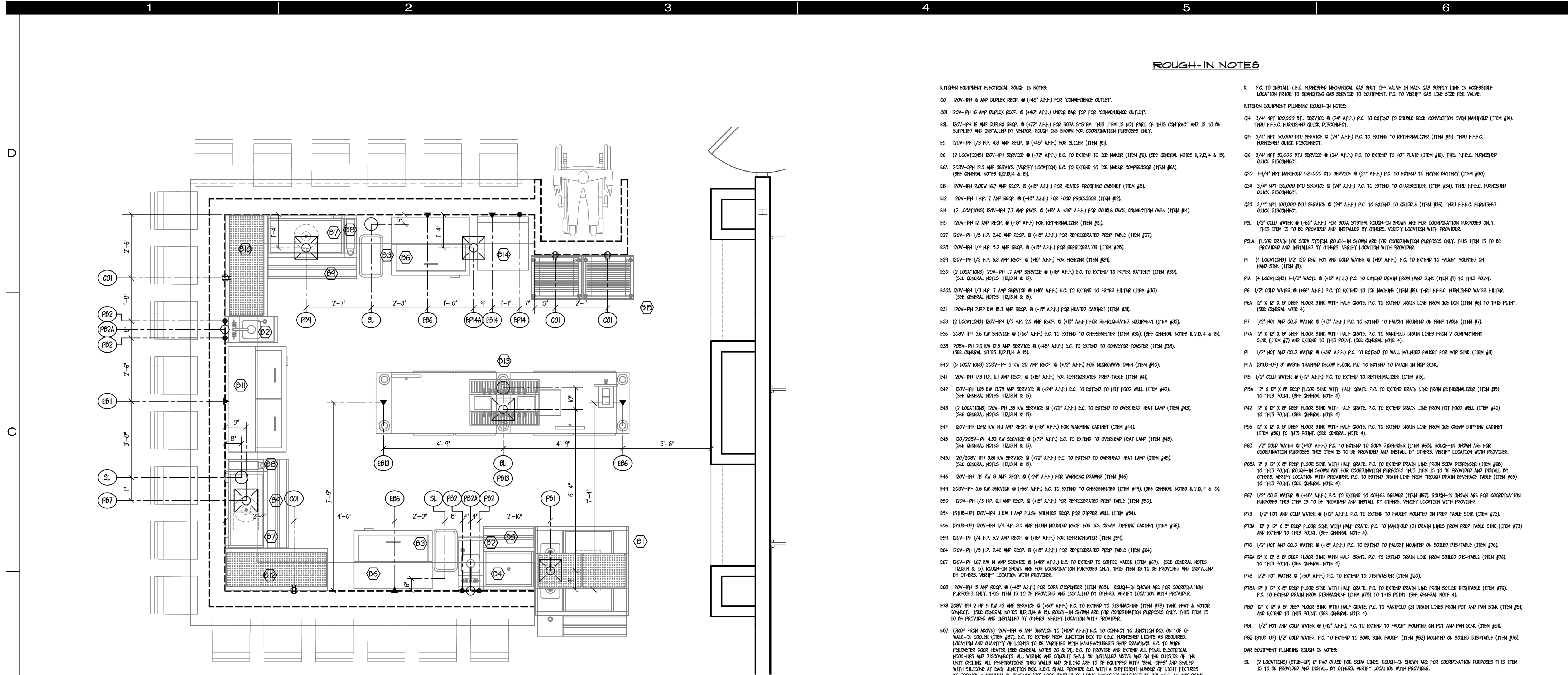
SMOKEY BONES
 UTICA, MI



COPYRIGHT
 THESE DOCUMENTS ARE PROTECTED BY UNITED STATES
 COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY
 FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR
 USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION
 WITHOUT THE EXPRESS WRITTEN APPROVAL AND
 PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF
 THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT.
 ALL RIGHTS ARE RESERVED TO ARCHITECTURE.

**KITCHEN
 EQUIPMENT
 PLAN**

REVISIONS	PROJECT NO:
NO. DATE	IA 2119
	SHEET
	A2.05



B1 BAR ROUGH-IN PLAN

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

SYMBOL LEGEND

▲	ELECTRICAL SERVICE
⬇▲	ELECTRICAL (DROP FROM ABOVE)
⊞	EMERGENCY PULL STATION
●	WATER SERVICE
○	DIRECT WASTE
⊞	FLOOR DRAIN
⊞	FLOOR SINK
●	GAS SERVICE

ABBREVIATIONS

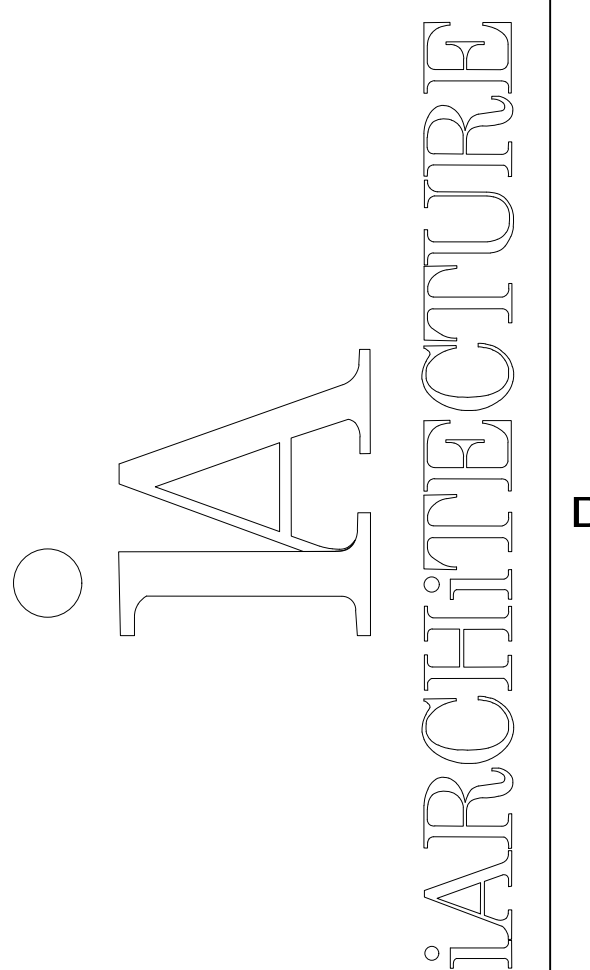
A.F.F.	ABOVE FINISHED FLOOR
D.F.A.	DROP FROM ABOVE
AMPS	AMPERAGE
KW	KILOWATTS
V	VOLTS
PH	PHASE
H.P.	HORSE POWER
EPS	EMERGENCY PULL STATION
F.F.E.C.	FOODSERVICE FACILITY EQUIPMENT CONTRACTOR
G.C.	GENERAL CONTRACTOR
E.C.	ELECTRICAL CONTRACTOR
P.C.	PLUMBING CONTRACTOR
M.C.	MECHANICAL CONTRACTOR

ROUGH-IN NOTES

- KITCHEN EQUIPMENT ELECTRICAL ROUGH-IN NOTES:**
- 00 DOV-PH 16 AMP DUPLEX RECP. @ (48" AFF.) FOR "CONVENIENCE OUTLET."
 - 001 DOV-PH 16 AMP DUPLEX RECP. @ (48" AFF.) UNDER BAR TOP FOR "CONVENIENCE OUTLET."
 - 01 DOV-PH 16 AMP DUPLEX RECP. @ (72" AFF.) FOR SODA SYSTEM. THIS ITEM IS NOT PART OF THIS CONTRACT AND IS TO BE SUPPLIED AND INSTALLED BY VENDOR. ROUGH-IN SHOWN FOR COORDINATION PURPOSES ONLY.
 - 02 DOV-PH 1/3 HP. 4.8 AMP RECP. @ (48" AFF.) FOR SLICER (ITEM #5).
 - 03 (2 LOCATIONS) DOV-PH SERVICE @ (72" AFF.) E.C. TO EXTEND TO ICE MAKER (ITEM #6). (SEE GENERAL NOTES 10,13,14 & 15).
 - 04 DOV-PH 12.5 AMP SERVICE (VERIFY LOCATION) E.C. TO EXTEND TO ICE MAKER COMPRESSOR (ITEM #6A). (SEE GENERAL NOTES 10,13,14 & 15).
 - 05 DOV-PH 2.0 KW 16.7 AMP RECP. @ (48" AFF.) FOR HEATED PROOFING CABINET (ITEM #8).
 - 06 DOV-PH 1 HP. 7 AMP RECP. @ (48" AFF.) FOR FOOD PROCESSOR (ITEM #10).
 - 07 (2 LOCATIONS) DOV-PH 7.7 AMP RECP. @ (48" & 36" AFF.) FOR DOUBLE DECK CONNECTION OVEN (ITEM #14).
 - 08 DOV-PH 12 AMP RECP. @ (48" AFF.) FOR REFRIGERATOR (ITEM #15).
 - 09 DOV-PH 1/2 HP. 2.46 AMP RECP. @ (48" AFF.) FOR REFRIGERATED PREP TABLE (ITEM #27).
 - 10 DOV-PH 1/4 HP. 5.2 AMP RECP. @ (48" AFF.) FOR REFRIGERATOR (ITEM #28).
 - 11 DOV-PH 1/3 HP. 6.3 AMP RECP. @ (48" AFF.) FOR FREEZER (ITEM #29).
 - 12 (2 LOCATIONS) DOV-PH 1.7 AMP SERVICE @ (48" AFF.) E.C. TO EXTEND TO FILTER BATTERY (ITEM #30). (SEE GENERAL NOTES 10,13,14 & 15).
 - 13 DOV-PH 1/3 HP. 7 AMP SERVICE @ (48" AFF.) E.C. TO EXTEND TO FILTER (ITEM #30).
 - 14 DOV-PH 2.92 KW 13.3 AMP RECP. @ (48" AFF.) FOR HEATED CABINET (ITEM #31).
 - 15 (2 LOCATIONS) DOV-PH 1/3 HP. 2.5 AMP RECP. @ (48" AFF.) FOR REFRIGERATED EQUIPMENT (ITEM #33).
 - 16 DOV-PH 3.6 KW SERVICE @ (48" AFF.) E.C. TO EXTEND TO OVEN/GRILLER (ITEM #36). (SEE GENERAL NOTES 10,13,14 & 15).
 - 17 DOV-PH 2.6 KW 12.5 AMP SERVICE @ (48" AFF.) E.C. TO EXTEND TO CONVEYOR TOASTER (ITEM #38). (SEE GENERAL NOTES 10,13,14 & 15).
 - 18 (3 LOCATIONS) DOV-PH 3 KW 20 AMP RECP. @ (72" AFF.) FOR MICROWAVE OVEN (ITEM #40).
 - 19 DOV-PH 1/3 HP. 6.1 AMP RECP. @ (48" AFF.) FOR REFRIGERATED PREP TABLE (ITEM #41).
 - 20 DOV-PH 1.65 KW 13.75 AMP SERVICE @ (24" AFF.) E.C. TO EXTEND TO HOT FOOD WELL (ITEM #42). (SEE GENERAL NOTES 10,13,14 & 15).
 - 21 (2 LOCATIONS) DOV-PH 3 KW SERVICE @ (72" AFF.) E.C. TO EXTEND TO OVERHEAD HEAT LAMP (ITEM #43).
 - 22 DOV-PH 1.62 KW 14.1 AMP RECP. @ (48" AFF.) FOR WARMING CABINET (ITEM #44).
 - 23 DOV-PH 4.52 KW SERVICE @ (72" AFF.) E.C. TO EXTEND TO OVERHEAD HEAT LAMP (ITEM #45).
 - 24 DOV-PH 3.0 KW SERVICE @ (72" AFF.) E.C. TO EXTEND TO OVERHEAD HEAT LAMP (ITEM #45).
 - 25 DOV-PH 95 KW 8 AMP SERVICE @ (12" AFF.) FOR WARMING DRAWER (ITEM #46).
 - 26 DOV-PH 3.6 KW SERVICE @ (48" AFF.) E.C. TO EXTEND TO OVEN/GRILLER (ITEM #49). (SEE GENERAL NOTES 10,13,14 & 15).
 - 27 DOV-PH 1/3 HP. 6.1 AMP RECP. @ (48" AFF.) FOR REFRIGERATED PREP TABLE (ITEM #50).
 - 28 (STUB-UP) DOV-PH 1 KW 1 AMP FLUSH MOUNTED RECP. FOR DIPPER WELL (ITEM #54).
 - 29 (STUB-UP) DOV-PH 1/4 HP. 3.5 AMP FLUSH MOUNTED RECP. FOR ICE CREAM DIPPING CABINET (ITEM #56).
 - 30 DOV-PH 1/4 HP. 5.2 AMP RECP. @ (48" AFF.) FOR REFRIGERATOR (ITEM #59).
 - 31 DOV-PH 1/2 HP. 2.46 AMP RECP. @ (48" AFF.) FOR REFRIGERATED PREP TABLE (ITEM #64).
 - 32 DOV-PH 1.67 KW 14 AMP SERVICE @ (48" AFF.) E.C. TO EXTEND TO COFFEE MAKER (ITEM #67). (SEE GENERAL NOTES 10,13,14 & 15). ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES ONLY. THIS ITEM IS TO BE PROVIDED AND INSTALLED BY OTHERS. VERIFY LOCATION WITH PROVIDER.
 - 33 DOV-PH 15 AMP RECP. @ (48" AFF.) FOR SODA DISPENSER (ITEM #68). ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES ONLY. THIS ITEM IS TO BE PROVIDED AND INSTALLED BY OTHERS. VERIFY LOCATION WITH PROVIDER.
 - 34 DOV-PH 2 HP 5 KW 43 AMP SERVICE @ (60" AFF.) E.C. TO EXTEND TO DISMACHINE (ITEM #70) TANK HEAT & MOTOR CONNECT. (SEE GENERAL NOTES 10,13,14 & 15). ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES ONLY. THIS ITEM IS TO BE PROVIDED AND INSTALLED BY OTHERS. VERIFY LOCATION WITH PROVIDER.
 - 35 (DROP FROM ABOVE) DOV-PH 4 AMP SERVICE @ (48" AFF.) E.C. TO CONNECT TO JUNCTION BOX ON TOP OF WALK-IN COOLER (ITEM #87). E.C. TO EXTEND FROM JUNCTION BOX TO E.C. FURNISHED LIGHTS AS REQUIRED. LOCATION AND QUANTITY OF LIGHTS TO BE VERIFIED WITH MANUFACTURER'S SHOP DRAWINGS. E.C. TO WIRE PERMETER DOOR HEATER (SEE GENERAL NOTES 20 & 21) E.C. TO PROVIDE AND EXTEND ALL FINAL ELECTRICAL HOOD-UPS AND DISCONNECTS. ALL WIRING AND CONDUIT SHALL BE INSTALLED ABOVE AND ON THE OUTSIDE OF THE UNIT CEILING. ALL PENETRATIONS THRU WALLS AND CEILING ARE TO BE EQUIPPED WITH "SEAL-OFFS" AND SEALED WITH SILICONE AT EACH JUNCTION BOX. E.C. SHALL PROVIDE E.C. WITH A SUFFICIENT NUMBER OF LIGHT FIXTURES TO PROVIDE A MINIMUM OF SEVENTY (70) FOOT CANDLES OF LIGHT INTENSITY MEASURED AT 30" AFF. AT ANY POINT IN THE COMPARTMENT. APPROXIMATELY ONE (1) 100 WATT LIGHT FIXTURE PER FIFTY (50) SQUARE FEET NOT INCLUDING LIGHT FIXTURE ABOVE DOOR.
 - 36 (DROP FROM ABOVE) DOV-PH 4.9 AMP SERVICE @ (48" AFF.) WALK-IN COOLER COIL (ITEM #87A) E.C. TO RUN CONTROL WIRES FROM COOLER COIL (ITEM #87A) TO THERMOSTAT ON COOLER COMPRESSORS (ITEM #87B). E.C. TO FIELD VERIFY LOCATION. (SEE GENERAL NOTES 20 & 21).
 - 37 DOV-PH 1/2 HP. 5.2 AMP SERVICE TO WALK-IN COOLER COMPRESSOR (ITEM #87B). E.C. TO EXTEND TO E.C. FURNISHED FUSED DISCONNECT SWITCH E.C. TO FIELD VERIFY LOCATION. (SEE GENERAL NOTES 20 & 21).
- BAR EQUIPMENT ELECTRICAL ROUGH-IN NOTES:**
- 001 DOV-PH 1/3 HP. 5.4 AMP RECP. @ (48" AFF.) FOR BOTTLE COOLER (ITEM #80).
 - 002 DOV-PH 1/3 HP. 5 AMP RECP. @ (48" AFF.) FOR BOTTLE COOLER (ITEM #80).
 - 003 (2 LOCATIONS) (STUB-UP) DOV-PH 1/4 HP. 3.7 AMP FLUSH MOUNTED RECP. FOR BACK BAR COOLER (ITEM #85).
 - 004 DOV-PH 1 HP. 10 AMP RECP. @ (24" AFF.) FOR CLASS WASHER (ITEM #84). ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES ONLY. THIS ITEM IS TO BE PROVIDED AND INSTALLED BY OTHERS. VERIFY LOCATION WITH PROVIDER.
- KITCHEN EQUIPMENT PLUMBING ROUGH-IN NOTES:**
- 01 3/4" NPT 100,000 BTU SERVICE @ (24" AFF.) P.C. TO EXTEND TO DOUBLE DECK CONNECTION OVEN MANIFOLD (ITEM #14). THRU F.F.E.C. FURNISHED QUICK DISCONNECT.
 - 02 3/4" NPT 50,000 BTU SERVICE @ (24" AFF.) P.C. TO EXTEND TO REFRIGERATOR (ITEM #15). THRU F.F.E.C. FURNISHED QUICK DISCONNECT.
 - 03 3/4" NPT 50,000 BTU SERVICE @ (24" AFF.) P.C. TO EXTEND TO HOT PLATE (ITEM #16). THRU F.F.E.C. FURNISHED QUICK DISCONNECT.
 - 04 1-1/4" NPT MANIFOLD 525,000 BTU SERVICE @ (24" AFF.) P.C. TO EXTEND TO FILTER BATTERY (ITEM #30).
 - 05 3/4" NPT 100,000 BTU SERVICE @ (24" AFF.) P.C. TO EXTEND TO OVEN/GRILLER (ITEM #36). THRU F.F.E.C. FURNISHED QUICK DISCONNECT.
 - 06 3/4" NPT 100,000 BTU SERVICE @ (24" AFF.) P.C. TO EXTEND TO GRIDDLE (ITEM #36). THRU F.F.E.C. FURNISHED QUICK DISCONNECT.
 - 07 1/2" COLD WATER @ (60" AFF.) FOR SODA SYSTEM ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES ONLY. THIS ITEM IS TO BE PROVIDED AND INSTALLED BY OTHERS. VERIFY LOCATION WITH PROVIDER.
 - 08 FLOOR DRAIN FOR SODA SYSTEM ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES ONLY. THIS ITEM IS TO BE PROVIDED AND INSTALLED BY OTHERS. VERIFY LOCATION WITH PROVIDER.
 - 09 (4 LOCATIONS) 1/2" DOG HOT AND COLD WATER @ (48" AFF.) P.C. TO EXTEND TO FAUCET MOUNTED ON HAND SINK (ITEM #1).
 - 10 (4 LOCATIONS) 1-1/2" WASTE @ (48" AFF.) P.C. TO EXTEND DRAIN FROM HAND SINK (ITEM #1) TO THIS POINT.
 - 11 1/2" COLD WATER @ (48" AFF.) P.C. TO EXTEND TO ICE MACHINE (ITEM #6). THRU F.F.E.C. FURNISHED WATER FILTER.
 - 12 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM ICE BIN (ITEM #6) TO THIS POINT. (SEE GENERAL NOTE 4).
 - 13 1/2" HOT AND COLD WATER @ (48" AFF.) P.C. TO EXTEND TO FAUCET MOUNTED ON PREP TABLE (ITEM #7).
 - 14 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO MANIFOLD DRAIN LINES FROM 2 COMPARTMENT SINK (ITEM #7) AND EXTEND TO THIS POINT. (SEE GENERAL NOTE 4).
 - 15 1/2" HOT AND COLD WATER @ (36" AFF.) P.C. TO EXTEND TO WALL MOUNTED FAUCET FOR MOP SINK (ITEM #11).
 - 16 (STUB-UP) 3" WASTE TRAPPED BELOW FLOOR. P.C. TO EXTEND TO DRAIN IN MOP SINK.
 - 17 1/2" COLD WATER @ (48" AFF.) P.C. TO EXTEND TO REFRIGERATOR (ITEM #15).
 - 18 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM REFRIGERATOR (ITEM #15) TO THIS POINT. (SEE GENERAL NOTE 4).
 - 19 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM HOT FOOD WELL (ITEM #42) TO THIS POINT. (SEE GENERAL NOTE 4).
 - 20 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM ICE CREAM DIPPING CABINET (ITEM #56) TO THIS POINT. (SEE GENERAL NOTE 4).
 - 21 1/2" COLD WATER @ (48" AFF.) P.C. TO EXTEND TO SODA DISPENSER (ITEM #68). ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES ONLY. THIS ITEM IS TO BE PROVIDED AND INSTALLED BY OTHERS. VERIFY LOCATION WITH PROVIDER.
 - 22 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM SODA DISPENSER (ITEM #68) TO THIS POINT. (SEE GENERAL NOTE 4).
 - 23 1/2" COLD WATER @ (48" AFF.) P.C. TO EXTEND TO COFFEE BREWER (ITEM #67). ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES ONLY. THIS ITEM IS TO BE PROVIDED AND INSTALLED BY OTHERS. VERIFY LOCATION WITH PROVIDER.
 - 24 1/2" HOT AND COLD WATER @ (48" AFF.) P.C. TO EXTEND TO FAUCET MOUNTED ON PREP TABLE SINK (ITEM #73).
 - 25 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO MANIFOLD (2) DRAIN LINES FROM PREP TABLE SINK (ITEM #73) AND EXTEND TO THIS POINT. (SEE GENERAL NOTE 4).
 - 26 1/2" HOT AND COLD WATER @ (48" AFF.) P.C. TO EXTEND TO FAUCET MOUNTED ON SOILED DISHTABLE (ITEM #76).
 - 27 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM SOILED DISHTABLE (ITEM #76) TO THIS POINT. (SEE GENERAL NOTE 4).
 - 28 1/2" HOT WATER @ (50" AFF.) P.C. TO EXTEND TO DISHWASHER (ITEM #70).
 - 29 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM SOILED DISHTABLE (ITEM #76). P.C. TO EXTEND DRAIN FROM DISHWASHER (ITEM #70) TO THIS POINT. (SEE GENERAL NOTE 4).
 - 30 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO MANIFOLD (3) DRAIN LINES FROM POT AND PAN SINK (ITEM #80) AND EXTEND TO THIS POINT. (SEE GENERAL NOTE 4).
 - 31 1/2" HOT AND COLD WATER @ (48" AFF.) P.C. TO EXTEND TO FAUCET MOUNTED ON POT AND PAN SINK (ITEM #80).
 - 32 (STUB-UP) 1/2" COLD WATER. P.C. TO EXTEND TO SINK SINK FAUCET (ITEM #80) MOUNTED ON SOILED DISHTABLE (ITEM #76).
- BAR EQUIPMENT PLUMBING ROUGH-IN NOTES:**
- 01 (2 LOCATIONS) (STUB-UP) 6" PVC CHASE FOR SODA LINES. ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES ONLY. THIS ITEM IS TO BE PROVIDED AND INSTALLED BY OTHERS. VERIFY LOCATION WITH PROVIDER.
 - 02 (STUB-UP) 6" PVC CHASE FOR BEER LINES. ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES ONLY. THIS ITEM IS TO BE PROVIDED AND INSTALLED BY OTHERS. VERIFY LOCATION WITH PROVIDER.
 - 03 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM PASS-THRU COCKTAIL STATION (ITEM #81) AND UNDERBAR ICE BIN (ITEM #84) TO THIS POINT. (SEE GENERAL NOTE 4).
 - 04 (2 LOCATIONS) 1/2" DOG HOT AND COLD WATER @ (48" AFF.) P.C. TO EXTEND TO UNDERBAR HAND SINK (ITEM #82).
 - 05 (2 LOCATIONS) 1-1/2" WASTE @ (48" AFF.) P.C. TO EXTEND TO UNDERBAR HAND SINK (ITEM #82).
 - 06 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM UNDERBAR ICE BIN (ITEM #82) AND DRAIN BOARD (ITEM #82) TO THIS POINT. (SEE GENERAL NOTE 4).
 - 07 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM UNDERBAR ICE BIN (ITEM #82) AND DRAIN BOARD (ITEM #82) TO THIS POINT. (SEE GENERAL NOTE 4).
 - 08 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM BEER TROUGH MOUNTED ON BACK BAR COOLER (ITEM #85) TO THIS POINT. (SEE GENERAL NOTE 4).
 - 09 1/2" HOT WATER @ (48" AFF.) P.C. TO EXTEND TO CLASS WASHER (ITEM #84). ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES ONLY. THIS ITEM IS TO BE PROVIDED AND INSTALLED BY OTHERS. VERIFY LOCATION WITH PROVIDER.
 - 10 PHMA 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM CLASS WASHER (ITEM #84) TO THIS POINT. (SEE GENERAL NOTE 4). ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES ONLY. THIS ITEM IS TO BE PROVIDED AND INSTALLED BY OTHERS. VERIFY LOCATION WITH PROVIDER.

GENERAL NOTES

- 1 ALL ELECTRICAL RECEPTACLES & JUNCTION BOXES SHOWN ARE RATED IN ACCORDANCE WITH UNDER MANUFACTURER'S SPECIFICATIONS.
- 2 ELECTRICAL SHOWN IS FOR FOOD SERVICE EQUIPMENT ONLY. ELECTRICAL SERVICE REQUIRED FOR ROOM LIGHTING, CONVENIENCE OUTLETS, & ETC. TO BE ADDITIONAL.
- 3 P.C. TO INSTALL FAUCETS, VALVE BREAKERS, SOLIDND VALVES, SPRAY RINKS & DISPENSERS (FURNISHED BY F.F.E.C.).
- 4 P.C. TO FURNISH & INSTALL ALL TAILPIECES, TRAPS, SHUT-OFFS, VENT LEADS, FLOOR DRAINS & FLOOR SINKS AS REQUIRED.
- 5 ALL HOT WATER IS TO PRESSURE UNLESS OTHERWISE NOTED.
- 6 FLOOR DRAINS SHOWN ARE FOR FOOD SERVICE EQUIPMENT ONLY. FLOOR DRAINS REQUIRED FOR GENERAL CLEANING & CODE REQUIREMENTS TO BE ADDITIONAL.
- 7 THIS DRAWING IS TO BE USED AS A GUIDE FOR FOOD SERVICE EQUIPMENT ELECTRICAL, PLUMBING & VENTILATION SPOT LOCATIONS. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR HIS/HER WORK TO BE INSTALLED IN ACCORDANCE WITH ALL FEDERAL, STATE & LOCAL CODES.
- 8 ALL DIMENSIONS ARE FROM FINISHED SURFACES TO CENTER LINE OF SPOT LOCATION UNLESS OTHERWISE NOTED.
- 9 ALL FOOD SERVICE EQUIPMENT SHALL BE FABRICATED & INSTALLED IN STRICT ACCORDANCE WITH THE NATIONAL SANITATION FOUNDATION (NSF) & IN COMPLIANCE WITH STATE & LOCAL CODES.
- 10 ALL WALL RECEPTACLES TO BE FLUSH MOUNTED UNLESS OTHERWISE NOTED.
- 11 ALL FOOD SERVICE EQUIPMENT WITH DIRECT ELECTRICAL CONNECTION MUST BE IN LINE SIGHT OF KITCHEN ELECTRICAL DISTRIBUTION PANEL. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR HIS/HER WORK TO BE INSTALLED IN ACCORDANCE WITH ALL FEDERAL, STATE & LOCAL CODES.
- 12 ALL SPOT LOCATIONS ARE SHOWN WHERE THEY ARE TO BE LOCATED ON EACH SIDE OF WALL. PRIMARY PLUMBING & ELECTRICAL SERVICE SHOULD BE LOCATED ON CENTER LINE OF WALL.
- 13 E.C. TO PROVIDE GROUNDING WIRE TO ALL FOOD SERVICE EQUIPMENT IN ADDITION TO THE NUMBER OF WIRES NOTED IN INDIVIDUAL SERVICES.
- 14 ALL ELECTRICAL AMPERAGE NOTED INDICATES AMP "BREAK" & NOT CIRCUIT BREAKER SIZE. UNDER OTHERS' NOTES. E.C. TO BE RESPONSIBLE FOR PROPER CIRCUIT BREAKER SIZING.
- 15 E.C. TO FURNISH & INSTALL GROUND FAULT RECEPTACLE OR FURNISH GROUND FAULT CIRCUIT BREAKER FOR ANY RECEPTACLE WITHIN THE KITCHEN.
- 16 FLOORS IN KITCHEN & SERVING AREAS TO BE "TRANSIT LEVEL". DO NOT SLOPE FLOOR TO FLOOR DRAINS IN THESE AREAS!!
- 17 HVAC. TO COOL, HEAT &/OR VENTILATE FOOD SERVICE DRY STORAGE ROOM TO MAINTAIN A TEMPERATURE OF 60 DEGREES TO 70 DEGREES YEAR AROUND.
- 18 E.C. TO FURNISH & INSTALL DUCT ENCLOSURE SHWT AS REQUIRED BY CODE FOR EXHAUST HOOD EXHAUST DUCT.
- 19 VENTILATION SHOWN IS FOR FOOD SERVICE EQUIPMENT ONLY. HVAC. TO PROVIDE FOR AIR DISTRIBUTION IN FOOD SERVICE AREA AS REQUIRED.
- 20 E.C. TO FURNISH & INSTALL SHUNT TRIP BREAKERS FOR ALL ELECTRICAL SERVICE TO EQUIPMENT MARKED BREAKER WOODS.
- 21 P.C. TO PROVIDE & INSTALL ALL 12" X 12" X 8" DEEP FLOOR SINKS WITH HALF GRATE. ALL FLOOR SINKS TO BE MOUNTED IN FLOOR SUCH THAT THE TOP OF THE SINK WILL BE FLUSH WITH FINISHED FLOOR ELEVATION. FLOOR SINKS ALSO TO SERVE AS AREA FLOOR DRAINS.
- 22 ALL WATER LINES MOUNTED ALONG EXTERIOR WALLS ARE TO STUB-UP ALONG THE INTERIOR FACE OF THE WALL TO AVOID POTENTIAL FREEZING UNLESS OTHERWISE NOTED.



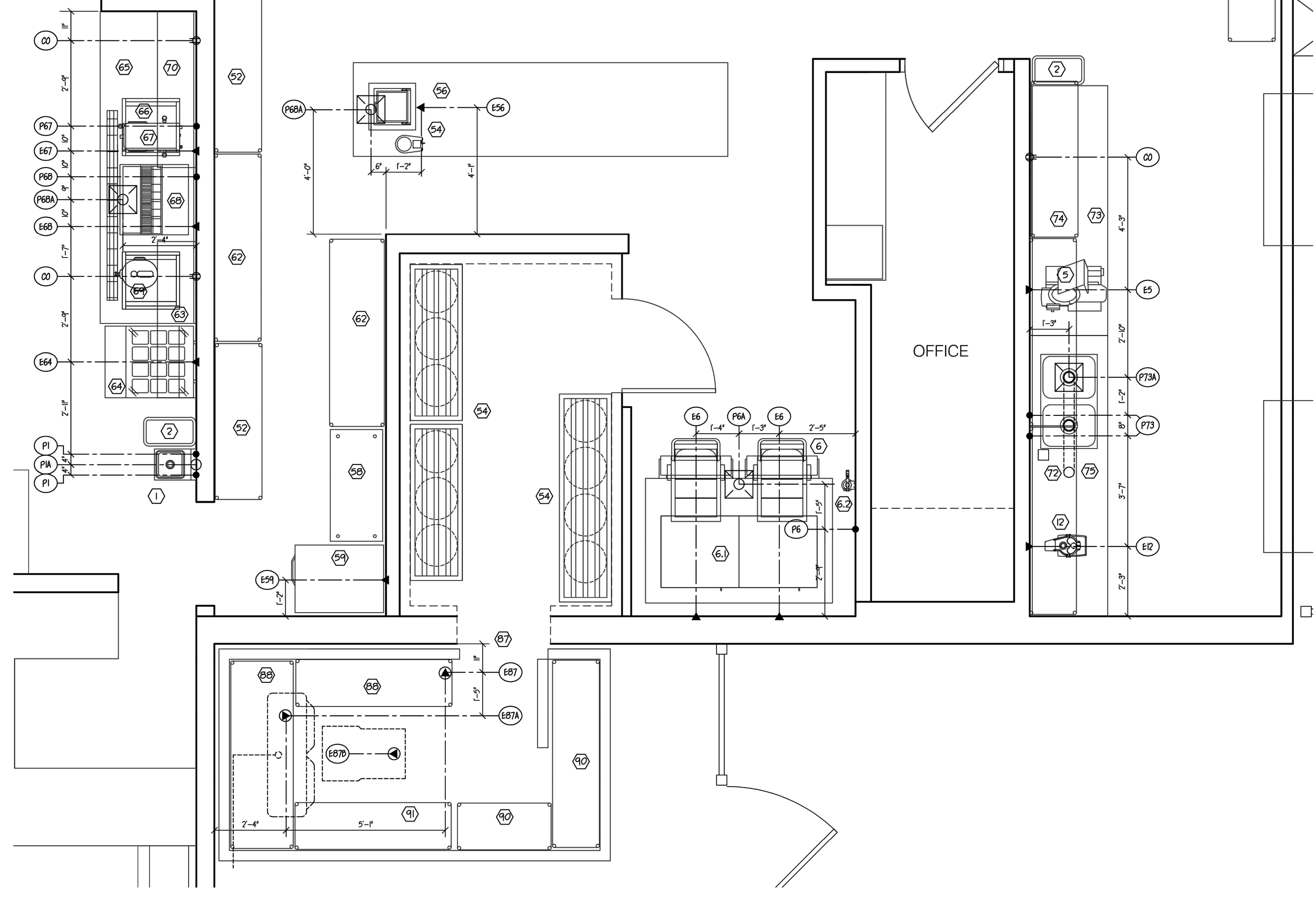
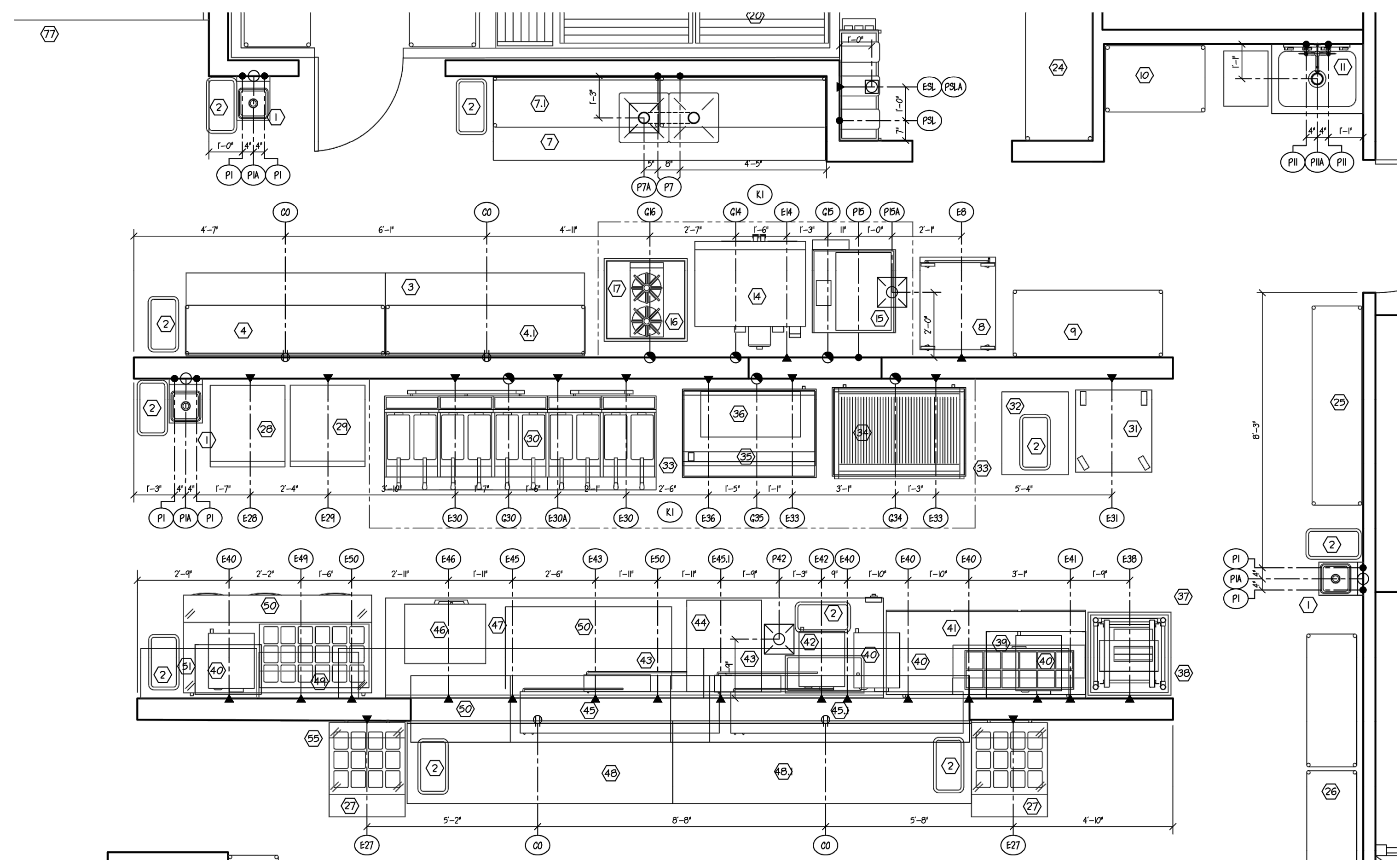
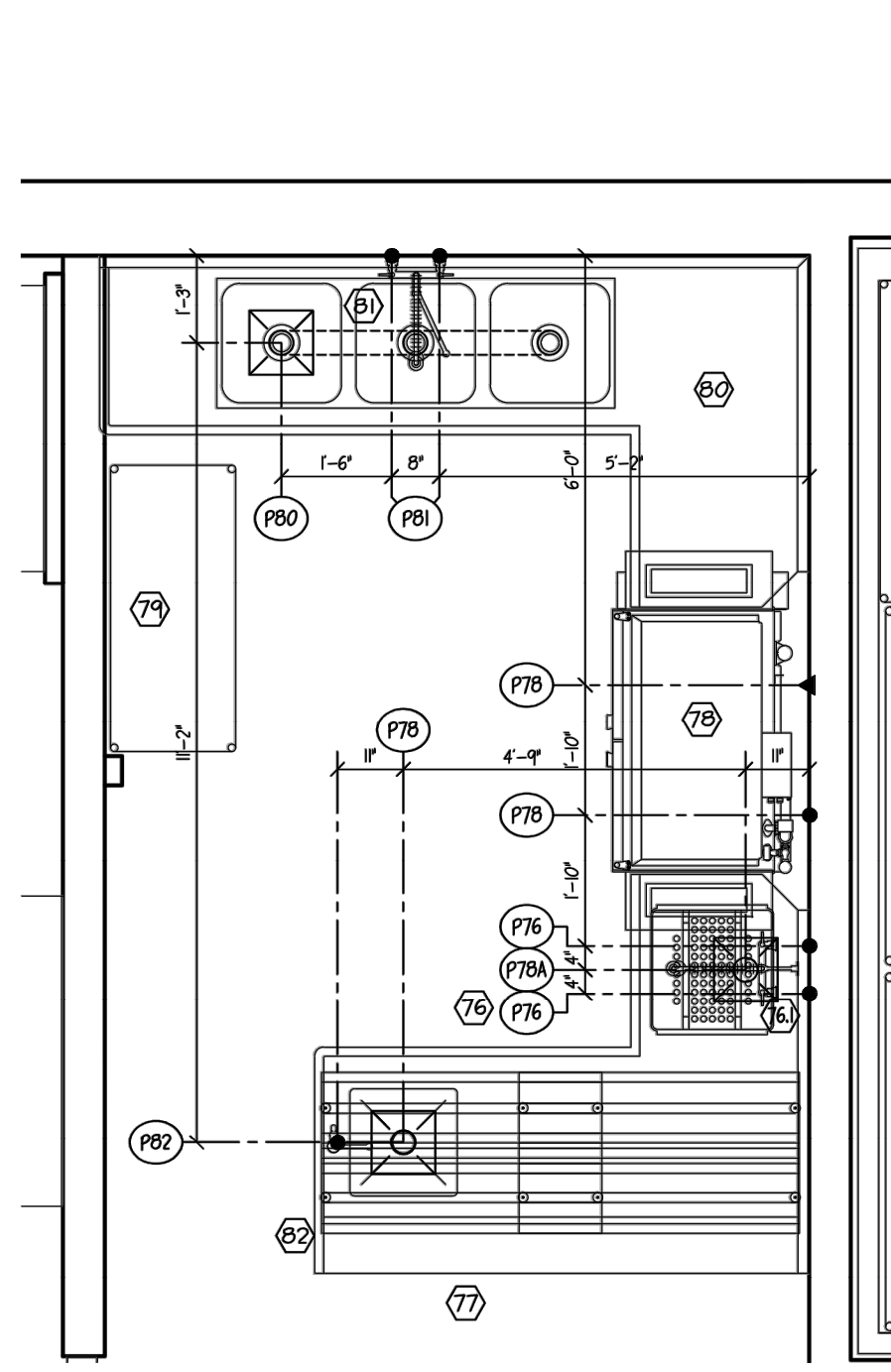
**SMOKEY BONES
UTICA, MI**



COPYRIGHT
THESE DOCUMENTS ARE PROTECTED BY UNITED STATES
COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY
FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR
USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION
WITHOUT THE EXPRESS WRITTEN APPROVAL AND
PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF
THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT.
ALL RIGHTS ARE RESERVED TO ARCHITECTURE.

**BAR
ROUGH-IN
PLAN**

REVISIONS NO. DATE	PROJECT NO. IA 2119
	SHEET A2.06

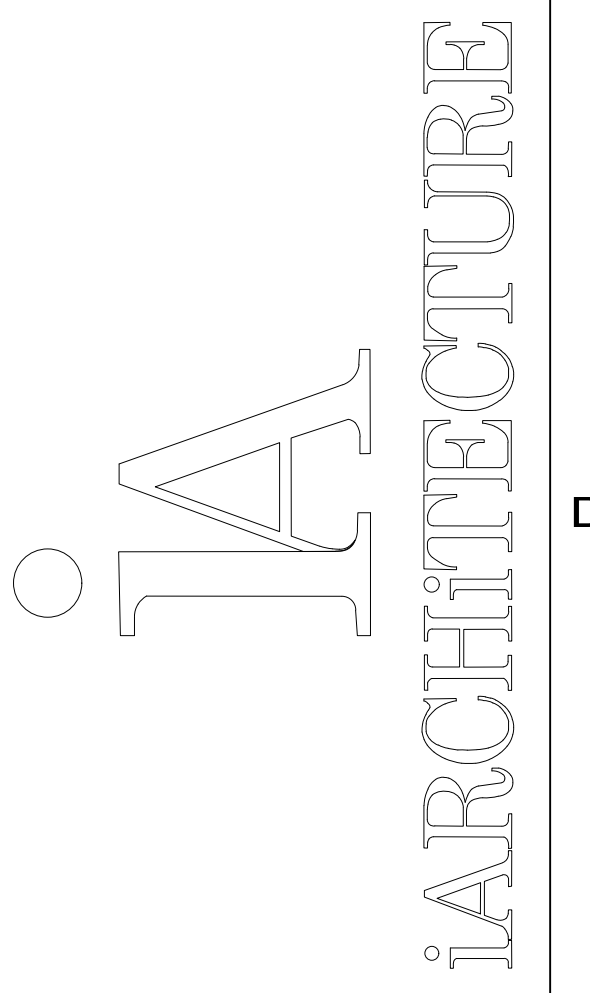


- SYMBOL LEGEND**
- ▲ ELECTRICAL SERVICE
 - ⊙ ELECTRICAL (DROP FROM ABOVE)
 - ⊠ EMERGENCY PULL STATION
 - WATER SERVICE
 - DIRECT WASTE
 - ⊞ FLOOR DRAIN
 - ⊞ FLOOR SINK
 - GAS SERVICE

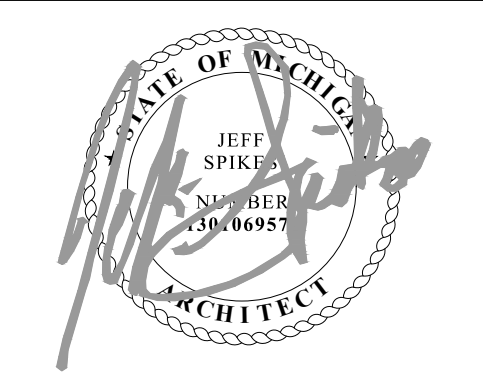
- ABBREVIATIONS**
- A.F.F. ABOVE FINISHED FLOOR
 - D.F.A. DROP FROM ABOVE
 - AMPS AMPERAGE
 - KW KILOWATTS
 - V VOLTS
 - PH PHASE
 - H.P. HORSE POWER
 - EPS EMERGENCY PULL STATION
 - F.F.E.C. FOODSERVICE FACILITY EQUIPMENT CONTRACTOR
 - G.C. GENERAL CONTRACTOR
 - E.C. ELECTRICAL CONTRACTOR
 - P.C. PLUMBING CONTRACTOR
 - M.C. MECHANICAL CONTRACTOR

A1 KITCHEN ROUGH-IN PLAN

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



**SMOKEY BONES
UTICA, MI**

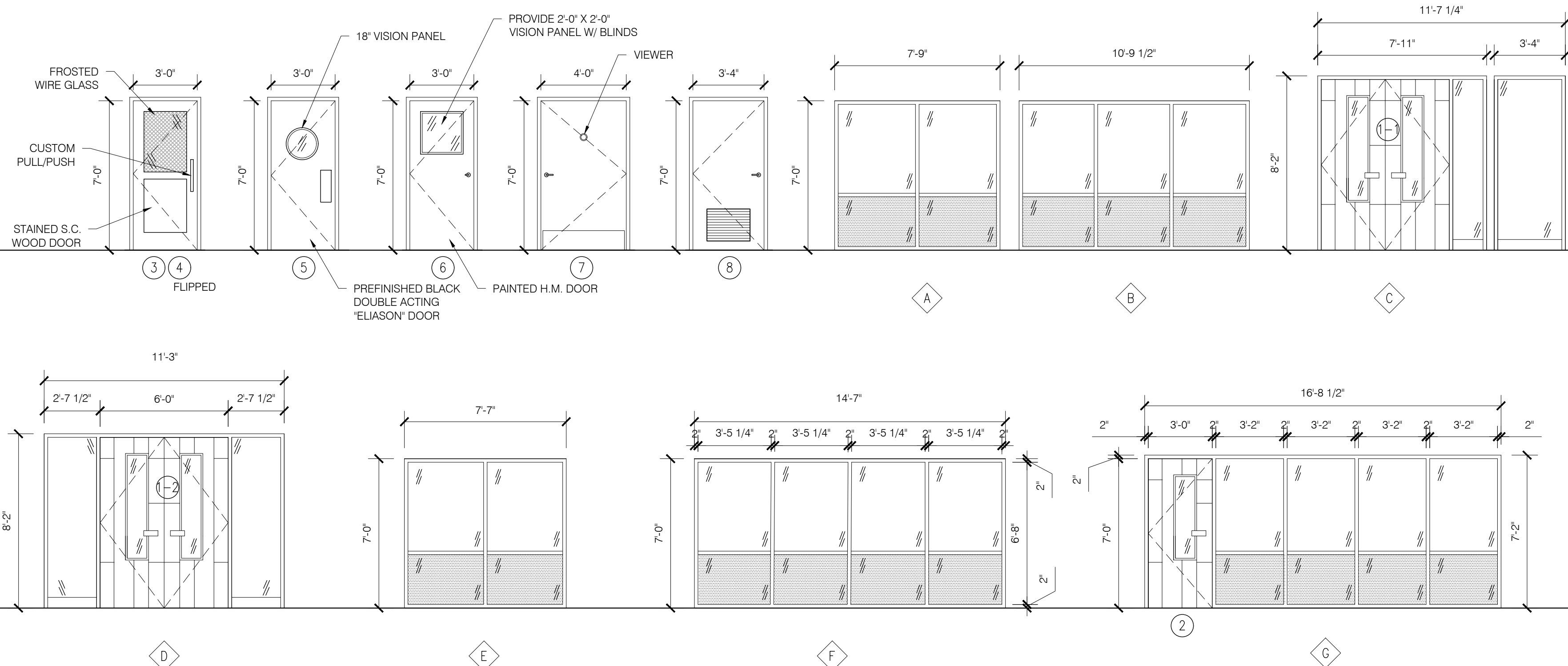


COPYRIGHT
THESE DOCUMENTS ARE PROTECTED BY UNITED STATES
COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY
FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR
USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION
WITHOUT THE EXPRESS WRITTEN APPROVAL AND
PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF
THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT.
ALL RIGHTS ARE RESERVED TO ARCHITECTURE.

**KITCHEN
ROUGH-IN
PLAN**

REVISIONS	PROJECT NO:
NO. DATE	IA 2119
	SHEET
	A2.07

DOOR AND STOREFRONT ELEVATIONS



STOREFRONT SCHEDULE

STORE-FRONT OPENING NO. (X)	OPENING SIZE *		WINDOW TYPE	MATERIAL	FINISH	REMARKS (SEE ELEVATIONS)
	WIDTH	HEIGHT				
A	7'-9"	7'-0"	FIXED	ALUM.	PREFINISHED DARK BRONZE	1" TEMPERED, CLEAR GLASS; (2) LAYERS 1/4" CLR. TEMP. GLASS W/ 1/2" AIR SPACE -SEE EXT. ELEV.
B	10'-9 1/2"	7'-0"	FIXED	ALUM.	PREFINISHED DARK BRONZE	1" TEMPERED, CLEAR GLASS; (2) LAYERS 1/4" CLR. TEMP. GLASS W/ 1/2" AIR SPACE -SEE EXT. ELEV.
C	11'-7 1/4"	8'-2"	FIXED	ALUM.	PREFINISHED DARK BRONZE	1" TEMPERED, CLEAR GLASS; (2) LAYERS 1/4" CLR. TEMP. GLASS W/ 1/2" AIR SPACE -SEE EXT. ELEV.
D	11'-3"	8'-2"	FIXED	ALUM.	PREFINISHED DARK BRONZE	1" TEMPERED, CLEAR GLASS; (2) LAYERS 1/4" CLR. TEMP. GLASS W/ 1/2" AIR SPACE -SEE EXT. ELEV.
E	7'-7"	7'-0"	FIXED	ALUM.	PREFINISHED DARK BRONZE	1" TEMPERED, CLEAR GLASS; (2) LAYERS 1/4" CLR. TEMP. GLASS W/ 1/2" AIR SPACE -SEE EXT. ELEV.
F	14'-7"	7'-0"	FIXED	ALUM.	PREFINISHED DARK BRONZE	1" TEMPERED, CLEAR GLASS; (2) LAYERS 1/4" CLR. TEMP. GLASS W/ 1/2" AIR SPACE -SEE EXT. ELEV.

NOTES: ALL EXTERIOR GLAZING SHALL BE 1" CLEAR TEMPERED INSULATED GLASS -PPG SOLARBAN 60 CLEAR GLASS PANELS; (2) LAYERS 1/4" CLEAR TEMPERED GLASS PANELS W/ 1/2" INERT GAS INSULATION GAP (OR EQUIVALENT), SOLAR HEAT GAIN COEFFICIENT: 0.35 MAXIMUM
ALL WINDOWS OTHER THAN THOSE LISTED ABOVE ARE EXISTING. GC TO VERIFY CONDITION.

DOOR SCHEDULE

DOOR NO. (X)	ROOM NAME	WIDTH	HEIGHT	DOOR THICKNESS	DOOR MATERIAL	FRAME MATERIAL	DOOR /FRAME FINISH	FIRE RATING	REMARKS
1-1	VESTIBULE	(2) 3'-0"	8'-0"	2 1/4"	FIBERGLASS	ALUM.	PREFIN/PREFIN. DARK BRONZE	0	CUSTOM
1-2	VESTIBULE	(2) 3'-0"	8'-0"	2 1/4"	FIBERGLASS	ALUM.	PREFIN/PREFIN. DARK BRONZE	0	CUSTOM
2	TO-GO AREA	3'-0"	7'-0"	2 1/4"	FIBERGLASS	ALUM.	PREFIN/PREFIN. DARK BRONZE	0	CUSTOM
3	WOMEN'S	3'-0"	7'-0"	1 3/4"	S.C. WOOD	H.M.	STAIN/PAINT	0	W/ LAMINATED WIRE GLASS UPPER PANEL
4	MEN'S	3'-0"	7'-0"	1 3/4"	S.C. WOOD	H.M.	STAIN/PAINT	0	W/ LAMINATED WIRE GLASS UPPER PANEL
5	BAR EXPO	3'-0"	7'-0"	1"	S.S.	S.S.	PREFIN. BLACK	0	W/ NO STOP FRAME AND 18" VISION PANEL
6	OFFICE	3'-0"	7'-0"	1 3/4"	H.M.	H.M.	PAINT/PAINT	0	W/ 2'-0" X 2'-0" VISION PANEL
7	KITCHEN (REAR)	4'-0"	7'-0"	1 3/4"	H.M.	H.M.	PAINT/PAINT	0	W/ FISHEYE VIEWER
8	KITCHEN /RISER	3'-4"	7'-0"	1 3/4"	H.M.	H.M.	PAINT/PAINT	0	W/ BOTTOM VENT

NOTES: #1. ALL HARDWARE & DOORS TO BE FULLY ADA COMPLIANT & OPERATE IN DIRECTION OF EGRESS WITHOUT KEY OR SPECIAL KNOWLEDGE DURING ALL TIMES OF PRONOUNDED OCCUPANCY. #2. G.C. TO VERIFY ALL DOOR SIZES, SCHEDULE & TRANSOM SIZES IN FIELD PRIOR TO ORDERING. #3. ALL DOORS TO THE OUTSIDE TO BE INSECT/RODENT-PROOF, & THE BUILDING ENVELOPE SHALL BE SEALED PER 2009 IBC, SECTION 502.4.5. #4. ALL GLAZING IN DOORS, SCHEDULES, & TRANSOMS SHALL BE TEMPERED. #5. ALL DOORS OTHER THAN THOSE LISTED IN SCHEDULE ABOVE ARE EXISTING. GC TO VERIFY CONDITION. #6. G.C. TO PROVIDE TINTED SECA WINDOW FILM BY JOHNSON WINDOW FILMS.

HARDWARE SCHEDULE

DOOR NO. (X)	LATCHSET	KEYED DEADBOLT	CLOSER	PUSHPLATE	PULLPLATE	KICKPLATE	SWEEP	THRESHOLD	NOTES	REMARKS
1-1	NONE	•	•	•	•	•	•	•	#1	PANIC FUNCTION OPERABILITY, INSTALL CUSTOM PUSH/PULL (SUPPLIED BY OWNER)
1-2	NONE	•	•	•	•	•	•	•	#1	PANIC FUNCTION OPERABILITY, INSTALL CUSTOM PUSH/PULL (SUPPLIED BY OWNER)
2	NONE	•	•	•	•	•	•	•	#1	PANIC FUNCTION OPERABILITY, INSTALL CUSTOM PUSH/PULL (SUPPLIED BY OWNER)
3	NONE	•	•	•	•	•	•	•	#2	INSTALL CUSTOM PUSH/PULL (SUPPLIED BY OWNER)
4	NONE	•	•	•	•	•	•	•	#2	INSTALL CUSTOM PUSH/PULL (SUPPLIED BY OWNER)
5	NONE	•	•	•	•	•	•	•	#2	INSTALL CUSTOM PUSH/PULL (SUPPLIED BY OWNER)
6	OFFICE	•	•	•	•	•	•	•		
7	NONE	•	•	•	•	•	•	•	#3	PANIC FUNCTION OPERABILITY, INSTALL CUSTOM PUSH/PULL (SUPPLIED BY OWNER)
8	NONE	•	•	•	•	•	•	•		DETEX ALARM SYSTEM/PANIC FUNCTION HARDWARE

#1. INSTALL PERMANENT PLASTIC WALL PLACARD ADJ. TO DOOR ON INSIDE STATING "THIS DOOR SHALL REMAIN UNLOCKED DURING ALL TIMES OF OCCUPANCY" IN WHITE LETTERS ON BLACK BACKGROUND.
#2. INSTALL PERMANENT ADA COMPLIANT TOILET ROOM PLASTIC PLACARD ON EXT. FACE OF DOOR.
#3. INSTALL ADDRESS NUMERALS IN 4" VINYL LETTERS & "SMOKEY BONES DELIVERIES" IN 2" VINYL LETTERS IN CONTRASTING COLOR TO EXT. FACE OF DOOR.
#4. COLOR: DARK BRONZE
#5. NOT USED

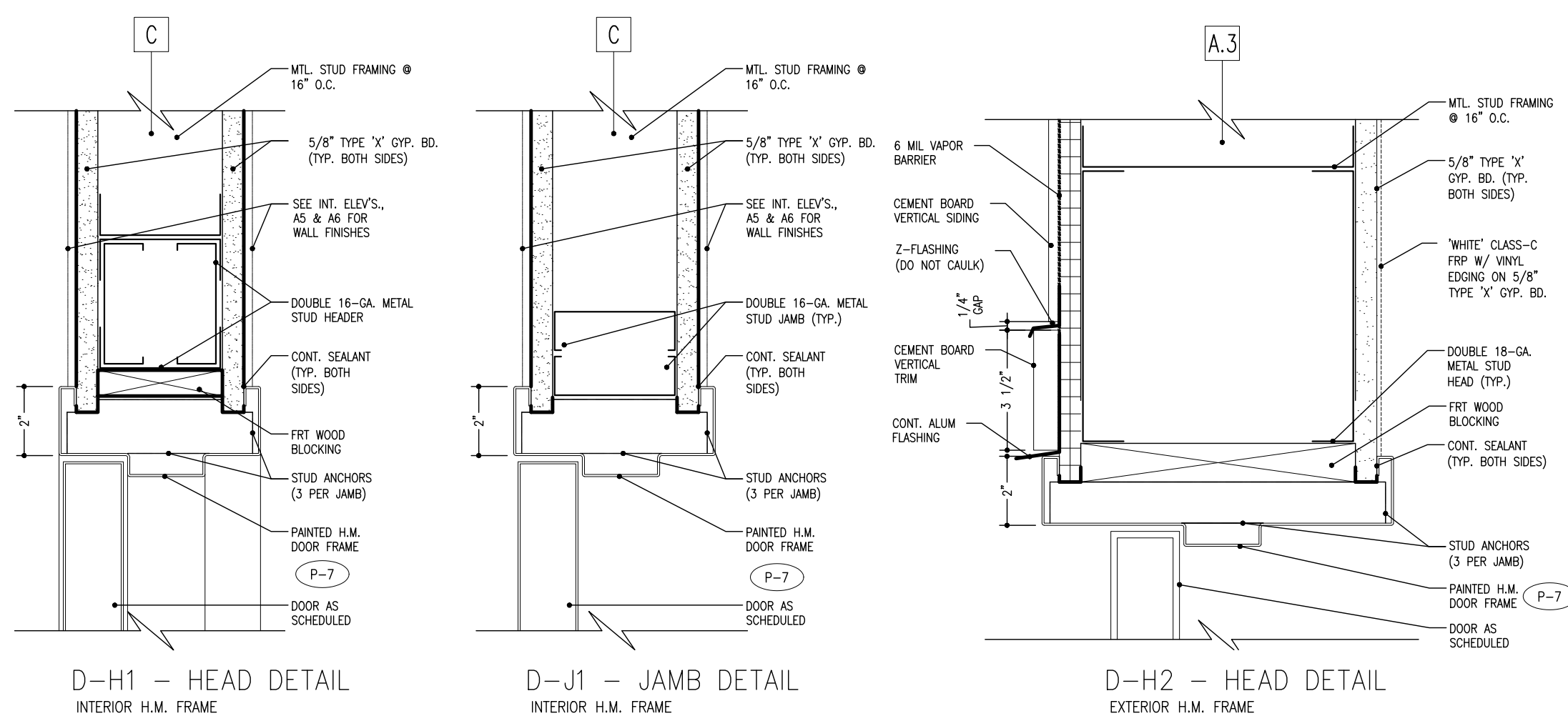
HARDWARE SPECIFICATIONS

ITEM	MANU.	MODEL	REMARK
LOCKSET	SCHLAGE	ND53 RHO 10-025	LEVER TYPE HANDLE, ALL CYLINDERS TO BE INTERCHANGEABLE
PANIC HARDWARE	VON DUPRIN	33A	#06 LEVER ON PULL SIDE
CLOSER	LCN	4111 SPRING CUSH TBMS	-
THRESHOLD	PEMCO	1716	MILL FINISHED ALUM.
DOOR STOPS	HAGER	241F	FLOOR DOME
HINGES	HAGER	BB1279 NRP	4-1/2"x4-1/2" SS HINGES
CUSTOM FIBERGLASS DOOR			
HINGES	JELD-WEN (INCLUDED)	SL26 GEARED CONTINUOUS HINGE	PROVIDED BY DOOR MFR.
DOOR SWEEP	ZERO INTERNATIONAL	477 DOOR SWEEP	(1) PER DOOR LEAF
SILL	PEMCO	1/2" H. 1716 SILL	COLOR: DARK BRONZE
CLOSER	LCN	4010 SURFACE MOUNTED	COLOR: DARK BRONZE
LOCKSET	ADAMS RITE	CYLINDER ESCUTCHEON	-
WEATHERSTRIP	PEMCO	ASTRAGAL	-

NOTES:
#1. ALL HARDWARE FINISH: SATIN
#2. PROVIDE GRADE 1 DOOR HARDWARE
#3. ALL HARDWARE TO BE BLACK.

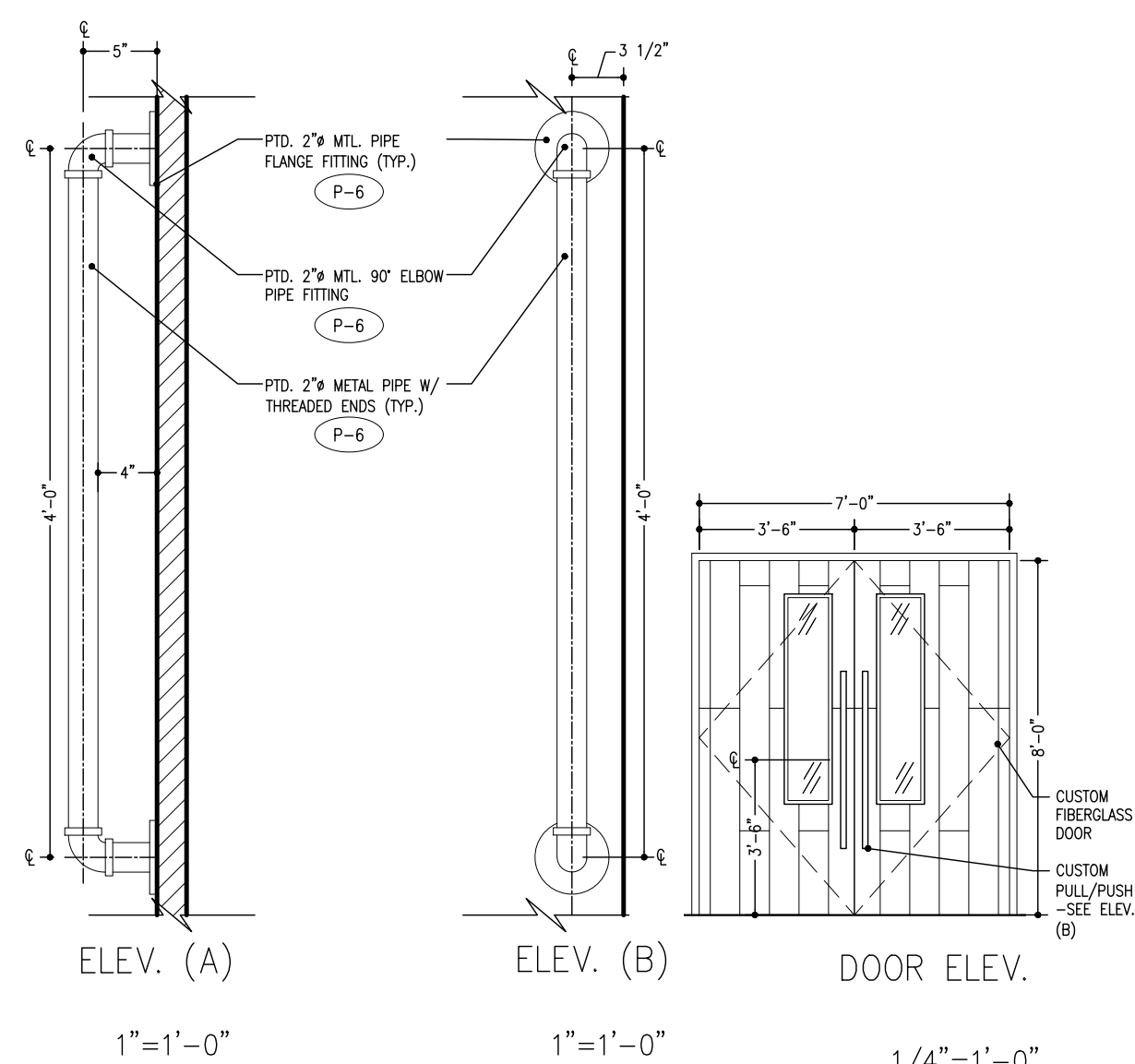
INTERIOR DOOR HEAD & JAMB DETAILS

SCALE: 3" = 1'-0"



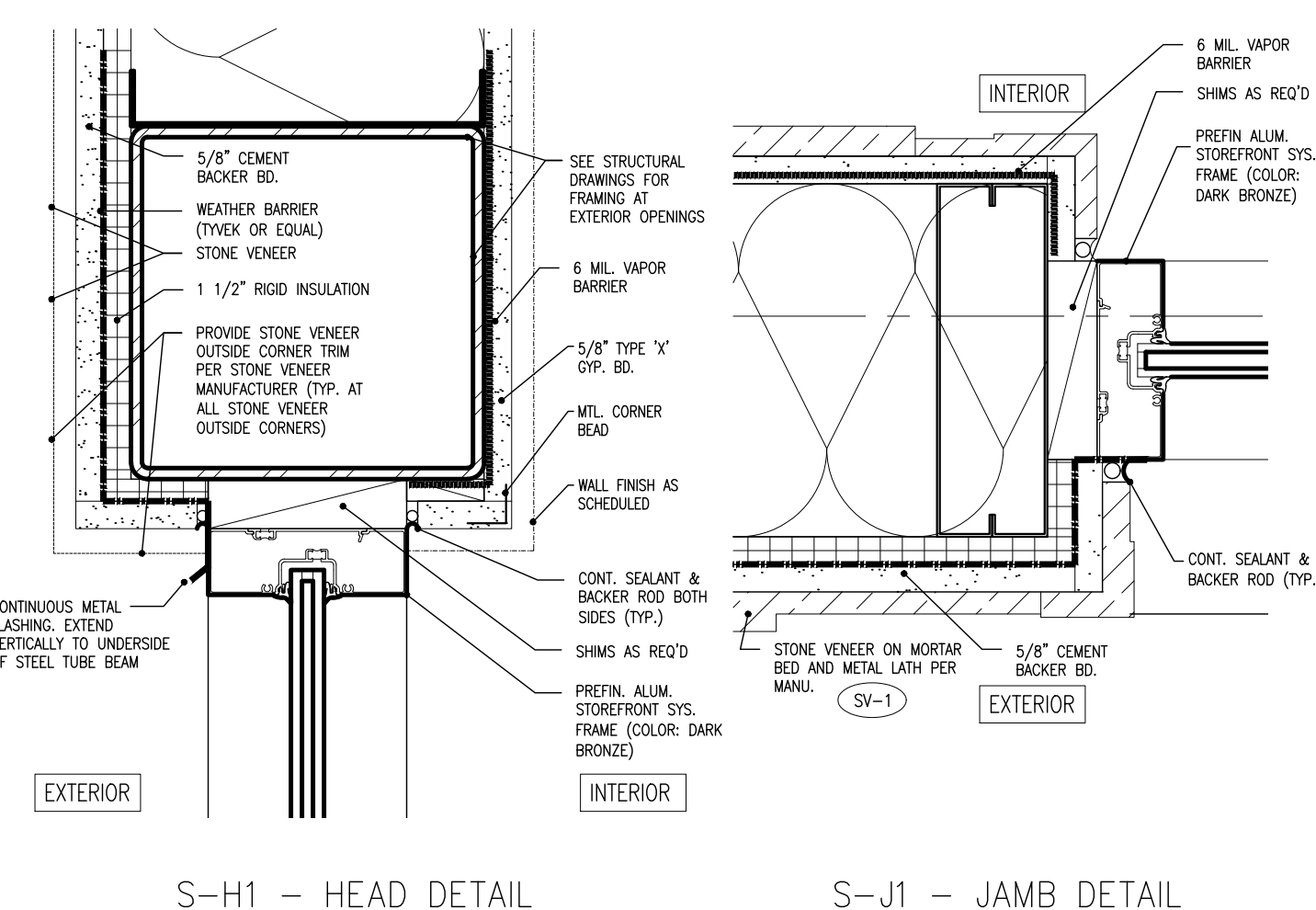
CUSTOM DOOR PULL DETAILS

SCALE: VARIES



STOREFRONT HEAD & JAMB DETAILS

SCALE: 3" = 1'-0"



IA ARCHITECTURE

SMOKEY BONES
UTICA, MI



COPYRIGHT
THESE DOCUMENTS ARE PROTECTED BY UNITED STATES COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT. ALL RIGHTS ARE RESERVED TO ARCHITECTURE.

DOOR AND WINDOW SCHEDULES

REVISIONS	PROJECT NO:
NO. DATE	IA 2119
	SHEET
	A3.01



C1 EXTERIOR ELEVATIONS
SCALE: 1/4" = 1'-0"



A1 EXTERIOR ELEVATIONS
SCALE: 1/4" = 1'-0"

SMOKEY BONES
UTICA, MI



COPYRIGHT
THESE DOCUMENTS ARE PROTECTED BY UNITED STATES
COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY
FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR
USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION
WITHOUT THE EXPRESS WRITTEN APPROVAL AND
PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF
THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT.
ALL RIGHTS ARE RESERVED TO iARCHITECTURE.

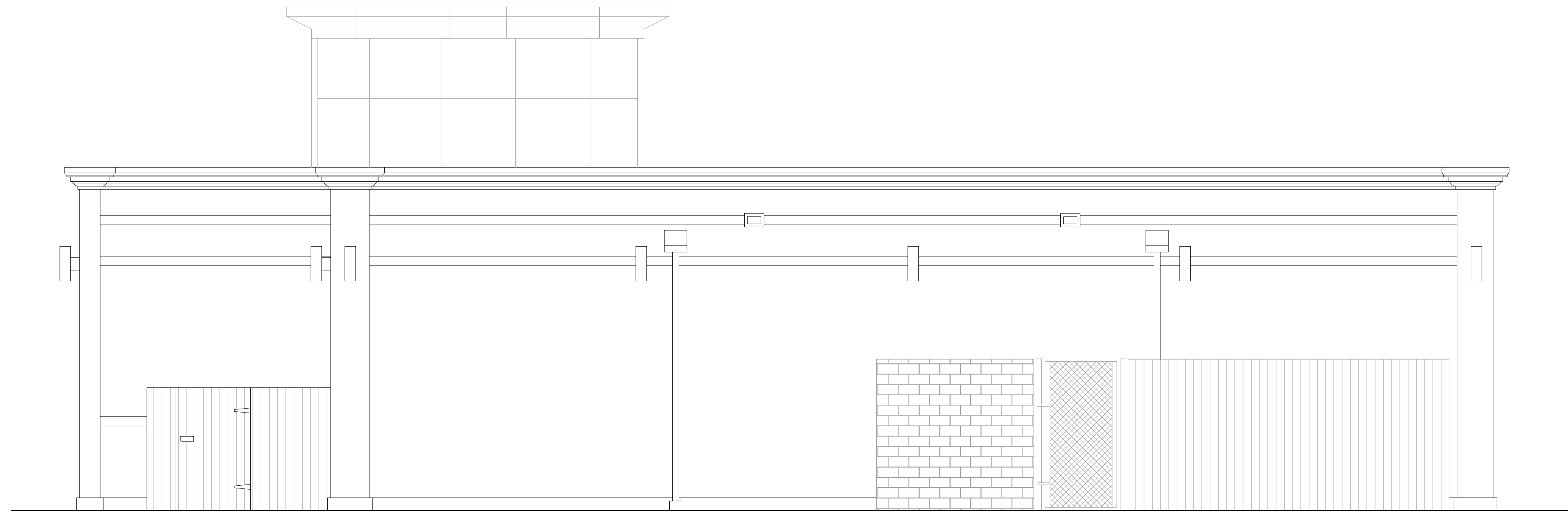
EXISTING
EXTERIOR
ELEVATIONS

REVISIONS	PROJECT NO:
NO. DATE	IA 2119
	SHEET
	A4.00

1 2 3 4 5 6

D

C



C1 EXTERIOR ELEVATIONS
SCALE: 1/4" = 1'-0"

B

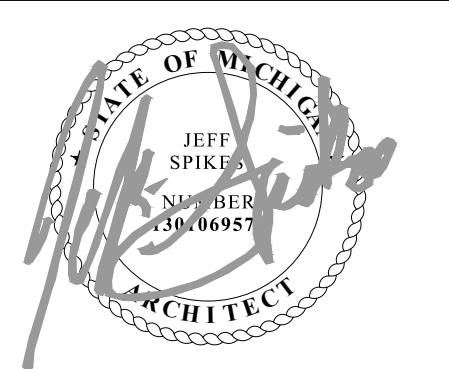
A



A1 EXTERIOR ELEVATIONS
SCALE: 1/4" = 1'-0"

IA
iARCHITECTURE

SMOKEY BONES
UTICA, MI



JEFF SPIKER ARCHITECT
LICENSE NO. 1301099072

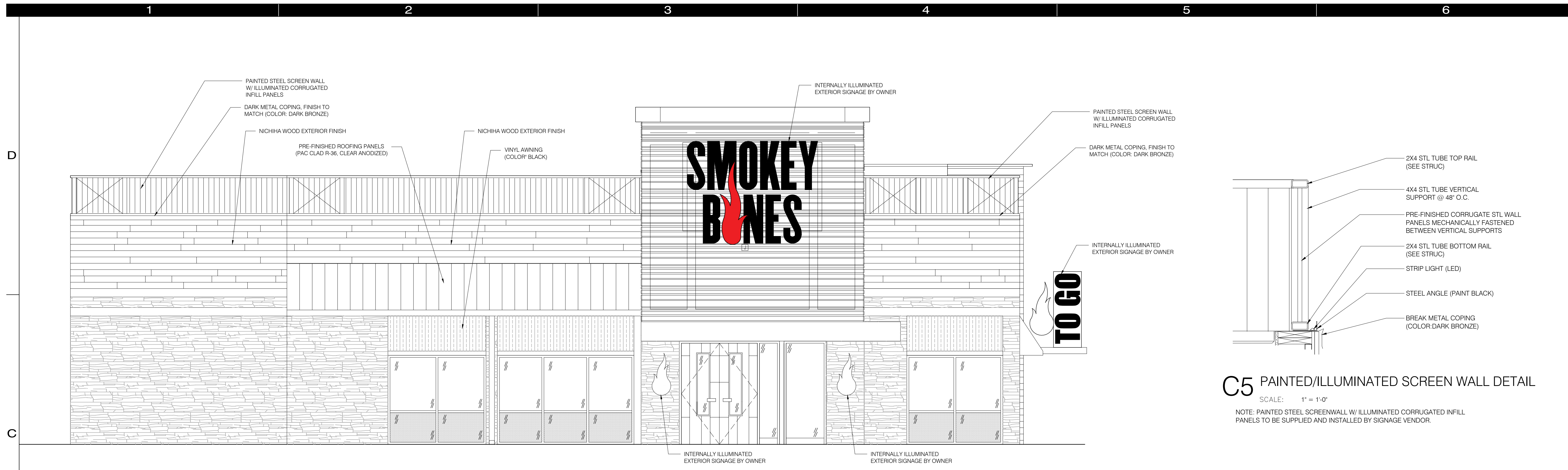
COPYRIGHT
THESE DOCUMENTS ARE PROTECTED BY UNITED STATES
COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY
FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR
USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION
WITHOUT THE EXPRESS WRITTEN APPROVAL AND
PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF
THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT.
ALL RIGHTS ARE RESERVED TO iARCHITECTURE.

**EXTERIOR
ELEVATIONS**

REVISIONS	PROJECT NO:
NO. DATE	IA 2119
	SHEET
	A4.01

DATE 11/12/21

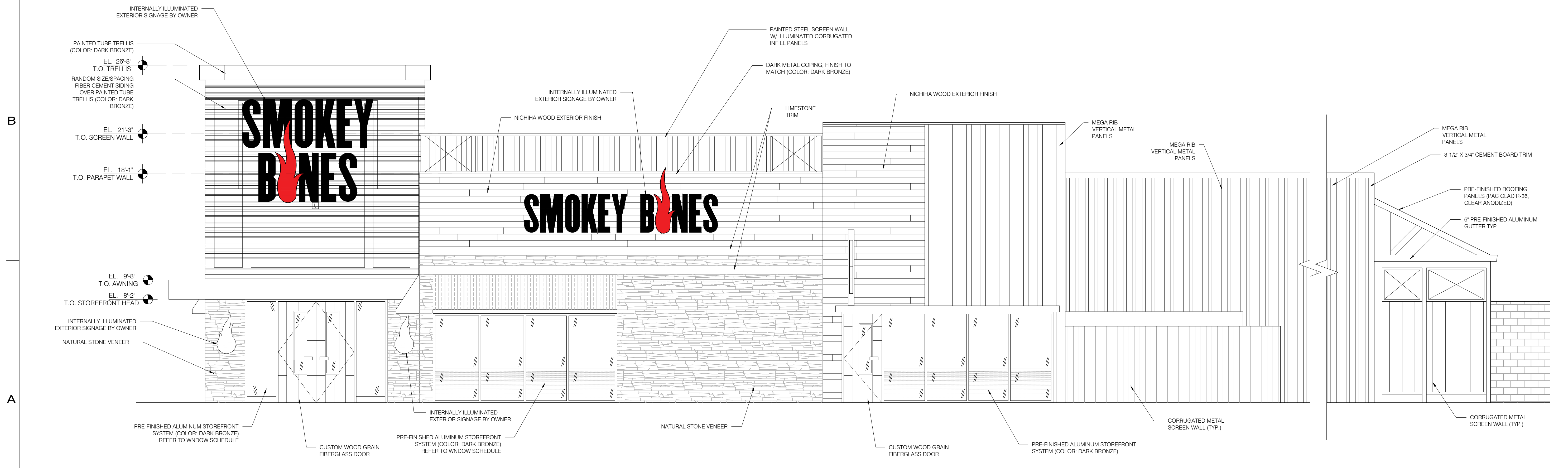
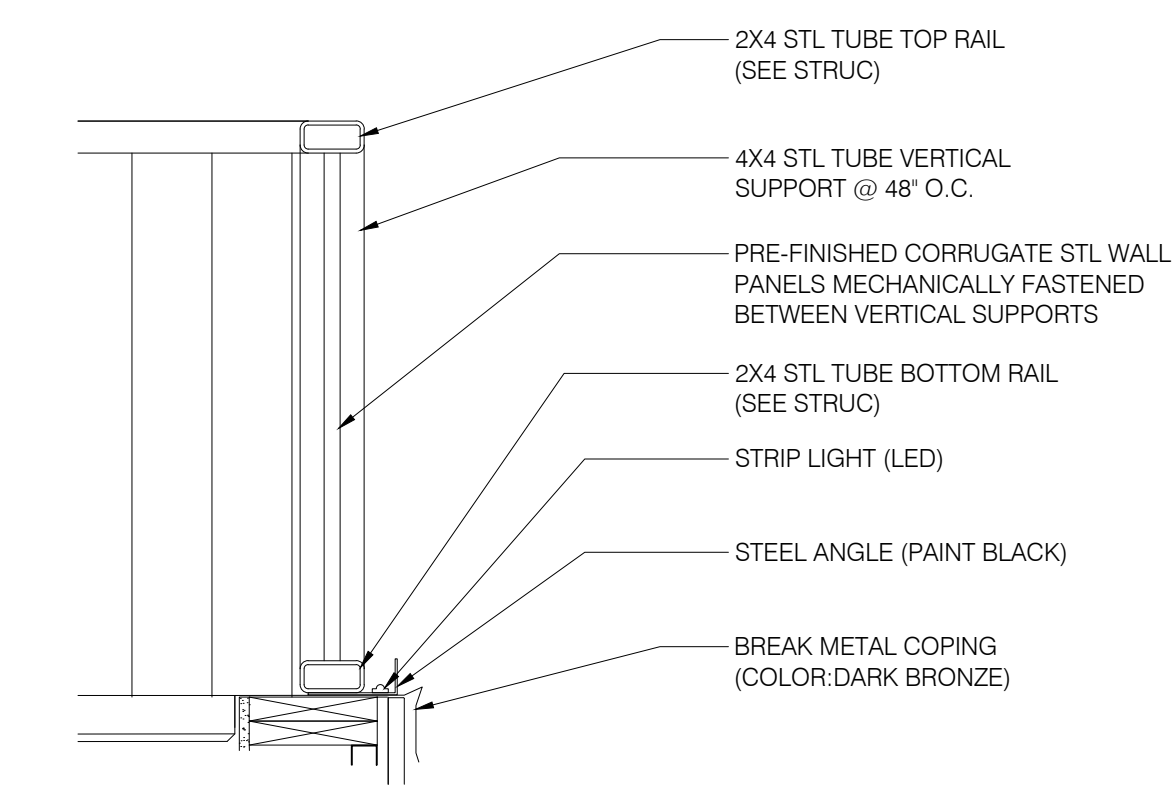
1 2 3 4 5 6



C1 EXTERIOR ELEVATIONS
SCALE: 1/4" = 1'-0"

C5 PAINTED/ILLUMINATED SCREEN WALL DETAIL
SCALE: 1" = 1'-0"

NOTE: PAINTED STEEL SCREEN WALL W/ ILLUMINATED CORRUGATED INFILL PANELS TO BE SUPPLIED AND INSTALLED BY SIGNAGE VENDOR.



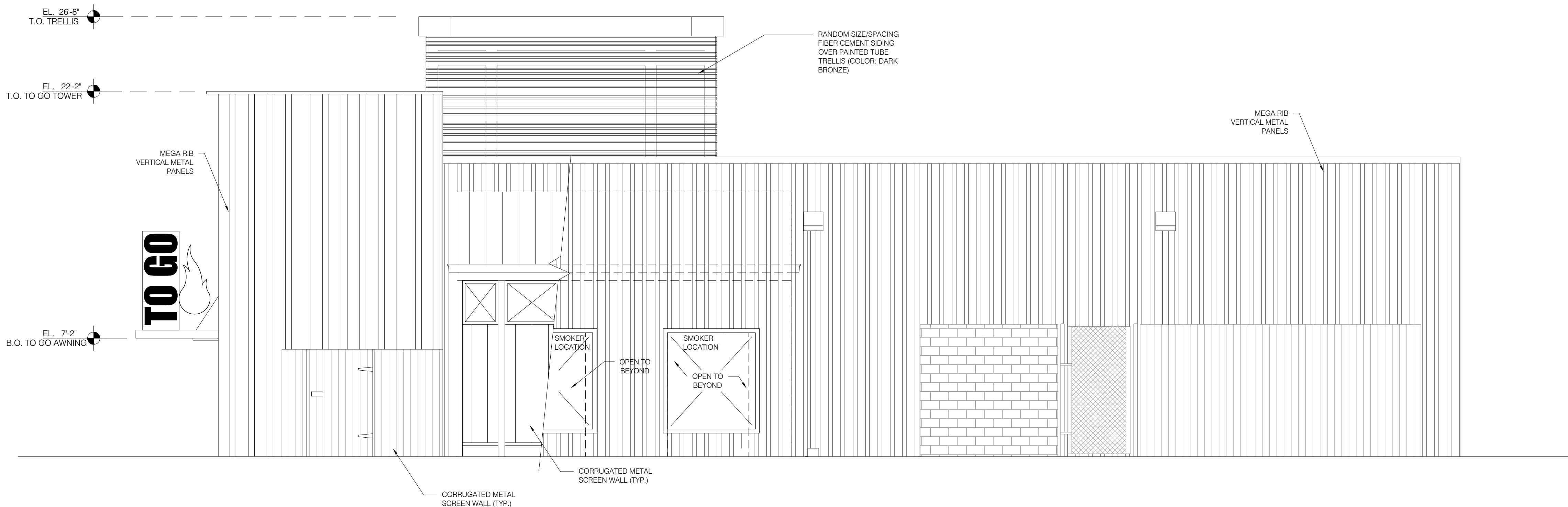
A1 EXTERIOR ELEVATIONS
SCALE: 1/4" = 1'-0"



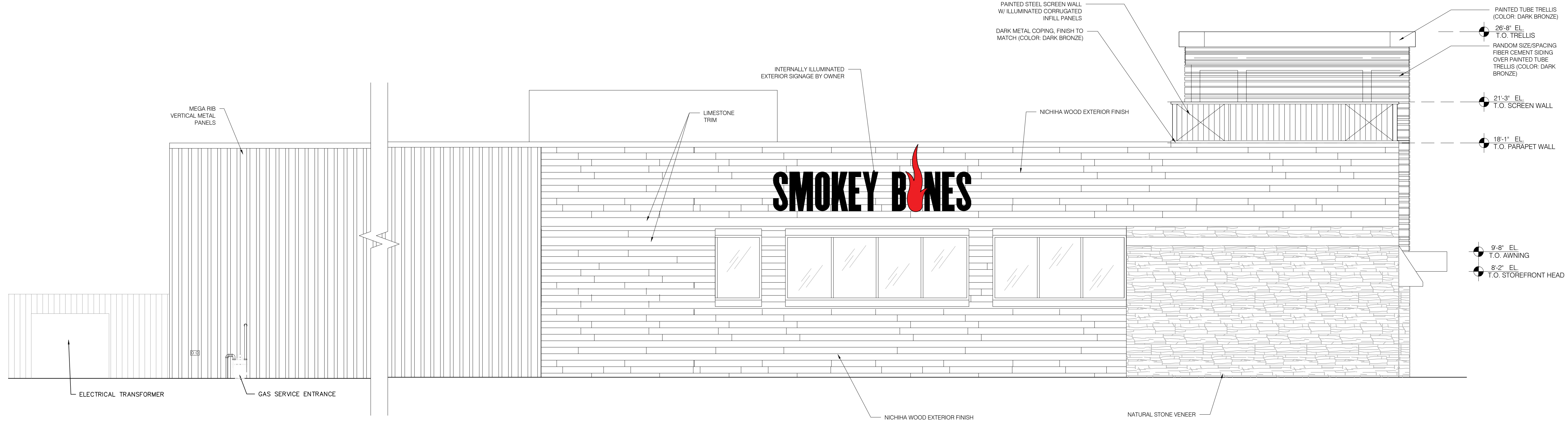
COPYRIGHT
THESE DOCUMENTS ARE PROTECTED BY UNITED STATES
COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY
FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR
USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION
WITHOUT THE EXPRESS WRITTEN APPROVAL AND
PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF
THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT.
ALL RIGHTS ARE RESERVED TO ARCHITECTURE.

EXTERIOR
ELEVATIONS

REVISIONS	PROJECT NO:
NO. DATE	IA 2119
	SHEET
	A4.02



C1 EXTERIOR ELEVATIONS
SCALE: 1/4" = 1'-0"



A1 EXTERIOR ELEVATIONS
SCALE: 1/4" = 1'-0"



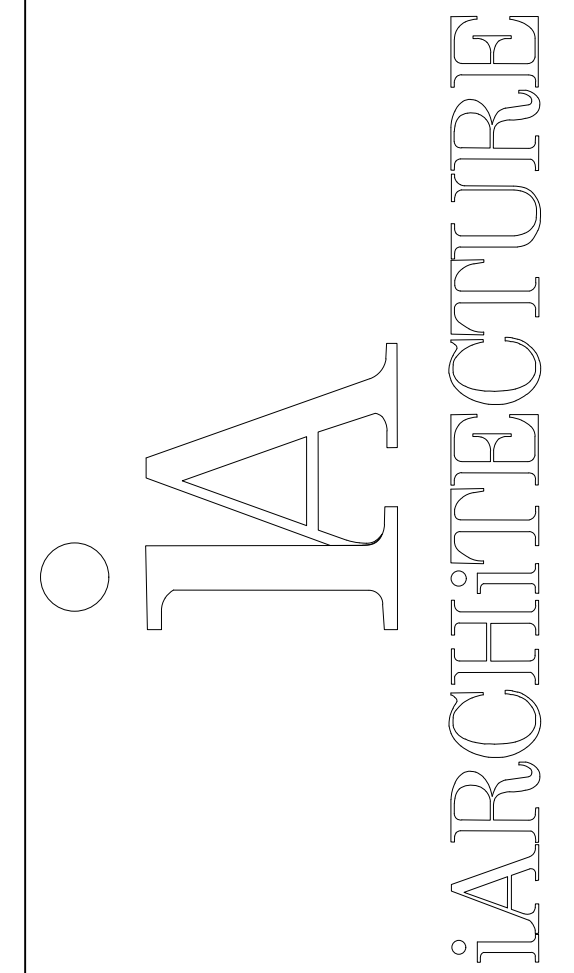
COPYRIGHT
THESE DOCUMENTS ARE PROTECTED BY UNITED STATES
COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY
FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR
USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION
WITHOUT THE EXPRESS WRITTEN APPROVAL AND
PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF
THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT.
ALL RIGHTS ARE RESERVED TO IARCHITECTURE.

**EXTERIOR
ELEVATIONS**

REVISIONS	PROJECT NO:
NO. DATE	IA 2119
	SHEET
	A4.03

Smokey Bones Responsibility Matrix

Equipment Type	Purchased By/Installed By
Standard GC Provided Items	
Building	Contractor
Site Work	Contractor
Exterior wood, metal, steel, Rainscreen & Frame	Contractor
Decorative Metal Work	Contractor
Thin Brick	Contractor
HVAC (RTU's) & Hoods	
MUAs, Exhaust Fans & Hoods	Owner buy, Vendor install
RTUs	Owner buy, Vendor install
Test & Balance Report	Owner buy, Vendor install
Kitchen Equipment	
Food Service & Cooking Equipment Delivery	Owner buy, Vendor install
Kitchen Equipment/Refrigeration Install	Owner buy, KE vendor install
Walk-in cooler and freezers	Owner buy, Vendor install
Beer Chiller	Owner buy, Vendor install
Beer System	Owner buy, Vendor install
Stainless steel pass through counter and associated trim	Owner buy, Vendor install
Smokers	Owner buy, Vendor install
Dishmachine	Owner buy, Eco install
Coffee and tea equipment	Owner buy, Owner install
Electrical - (Light Fixtures) Interior/Exterior	
Switchgear	GC buy, GC install
Interior/Exterior Lighting Package	Owner buy, GC install
Flame light Sconce fixture	Owner buy, GC install
IT-MIS POS SYSTEMS	
POS (low voltage)	Owner buy, Owner install
POS (equipment)	Owner buy, Owner install
Tel/Data (low voltage wiring)	Owner buy, Owner install
Tel/Data (equipment)	Owner buy, Owner install
Prefab POS Station	Owner buy, GC Install
Seating & Décor Package	
Interior Movable & Fixed Seating	Owner buy, KE vendor install
Bar: Counter, rail, hooks, covering, etc.	GC buy, GC install
Exterior Patio Furniture	Owner buy, GC install
Wood window shades	Owner buy, GC install
Wall covering: wainscot, faux brick, tile, corrugated metal, etc.	GC buy, GC install
Graphics	Owner buy, GC install
Galvanized Piping accents	GC buy, GC install
Wood Tile	GC purchases and installs.
Artwork (framed & ready to hang)	Owner buy, Vendor install
Fire Pit & Railing	
Patio Gas Fire Pit Feature	Owner buy, GC install
Exterior railing + wood inserts	Owner buy, GC install
Other Equipment & Packages	
Security system, Cabling and Cameras	Owner buy, Vendor install
Security System, CCTV Monitoring	Owner set-up
Audio/Visual, TVs, Cabling & Equipment	Owner buy, Vendor install
Direct TV	Owner buy, Sarellite City Install
DMX Box	Owner buy, Satellite City Install
Bulk CO2/Soda System	Owner buy, Vendor install
Beverage Units	Lease, Bottler install
Beverage Units - Installation	Bottler Install
Safe	Owner buy, Vendor install
Rolling Ladder (Liquor)	Owner buy, GC install
Sign Package	
Awnings	Owner buy, Vendor install
Signage Exterior/Interior	Owner buy, Vendor install
Window graphics-film	Owner buy, Vendor install
Hours of Operation	Owner buy, Vendor install
Walk-off mat	Owner buy, GC Install
SMOKEY BONES COORDINATES ALL ITEMS BELOW THIS LINE	
Smallwares	
Smallwares	Owner buy, Vendor Delivery, Ops Install
Utilities - Accounts Set-up by Construction/Development Dept.	
Natural Gas	Owner Coordinates
Power	Owner Coordinates
Telephone Service	Owner Coordinates
Water service	Owner Coordinates
Grease Container (Cooking Oil)	Owner Coordinates
Trash/Waste & Recycle Dumpsters	Owner Coordinates
Miscellaneous Items to Order (No Cost)	
Kitchen Equipment Start-up	Owner buy, KE vendor install
Paper Towel & Toilet Dispensers	Owner buy, GC install
Chemical Dispensers	Owner buy, Vendor install
Water Softener and Filter Systems	Owner buy, GC install
Soap Dispensers (Kitchen & Restrooms)	Owner buy, GC install
Pre-Opening Order MBM	Owner Buy
Linen Container	Owner Coordinate
Pest Control	Owner Coordinate



SMOKEY BONES
UTICA, MI

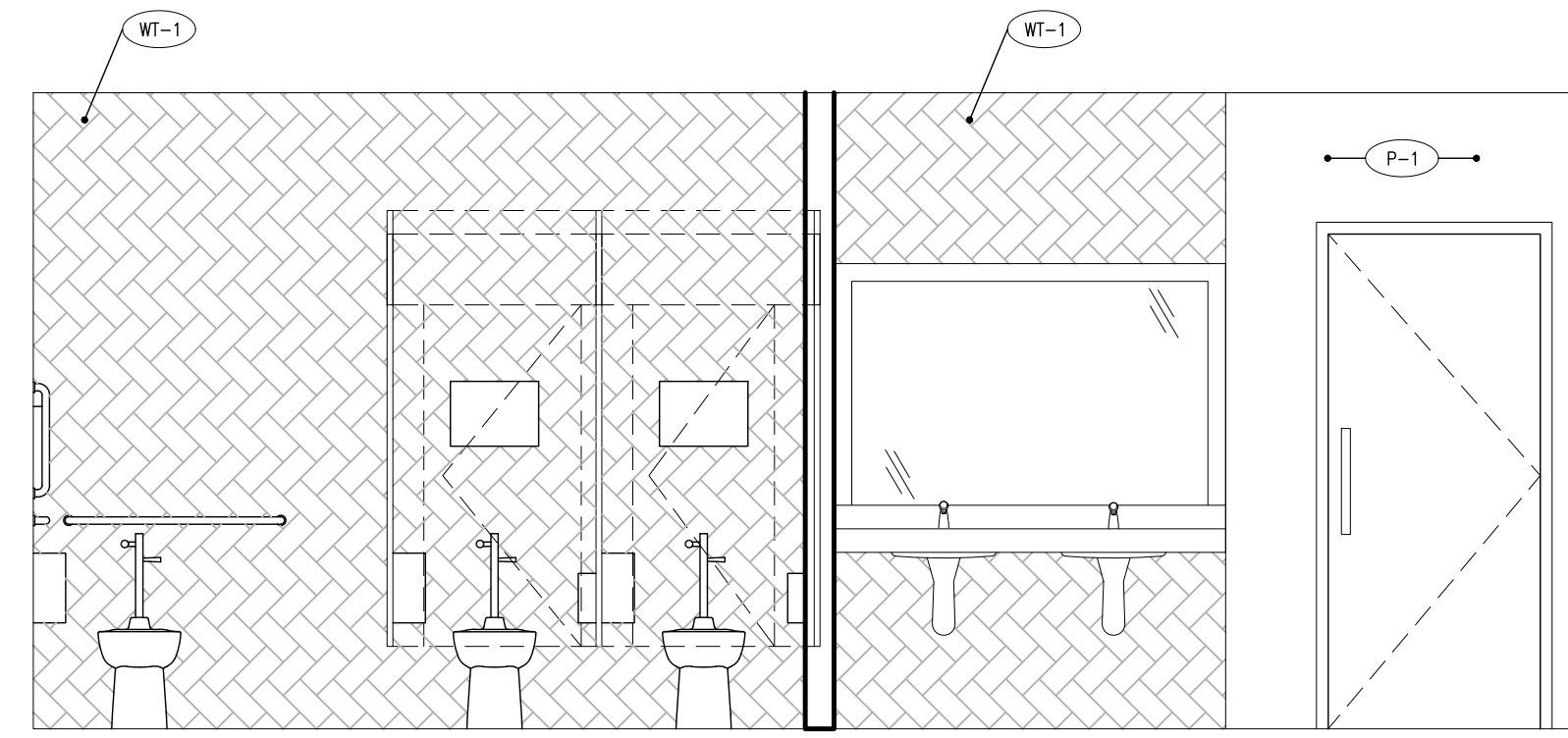


JEFF SPIKES, ARCHITECT
LICENSE NO. 1301099072

COPYRIGHT
THESE DOCUMENTS ARE PROTECTED BY UNITED STATES
COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY
FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR
USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION
WITHOUT THE EXPRESS WRITTEN APPROVAL AND
PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF
THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT.
ALL RIGHTS ARE RESERVED TO ARCHITECTURE.

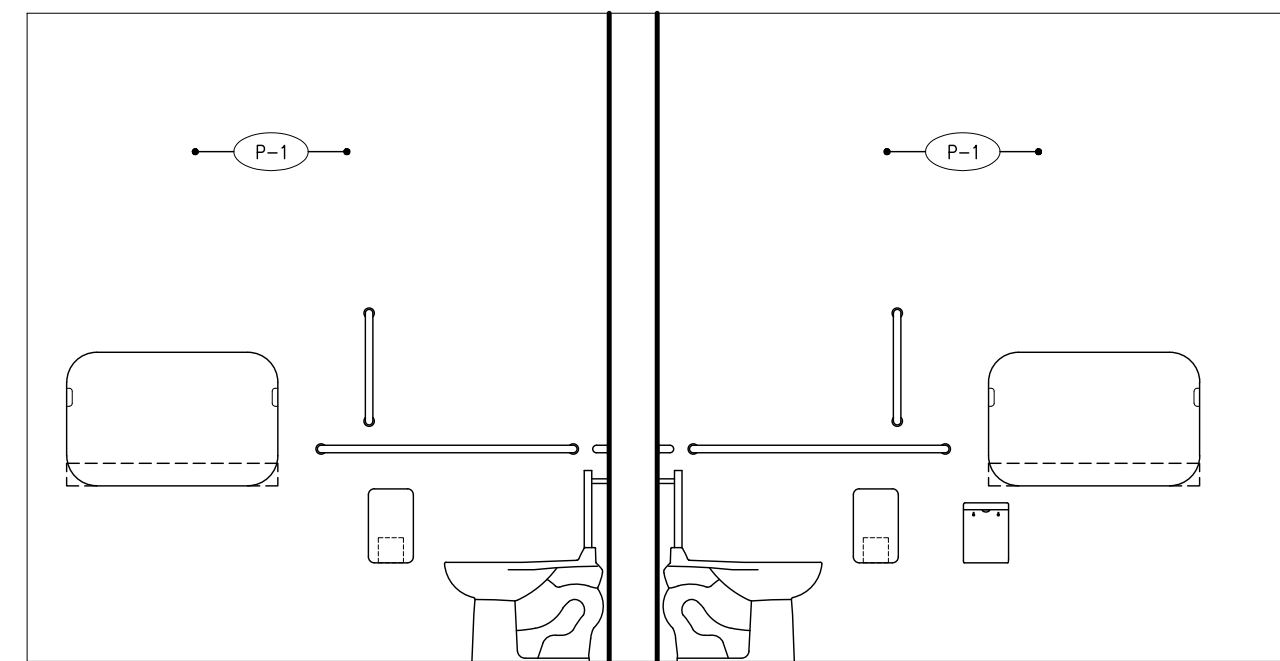
**RESPONSIBILITY
MATRIX**

REVISIONS NO. DATE	PROJECT NO: IA 2119
	SHEET A5.01



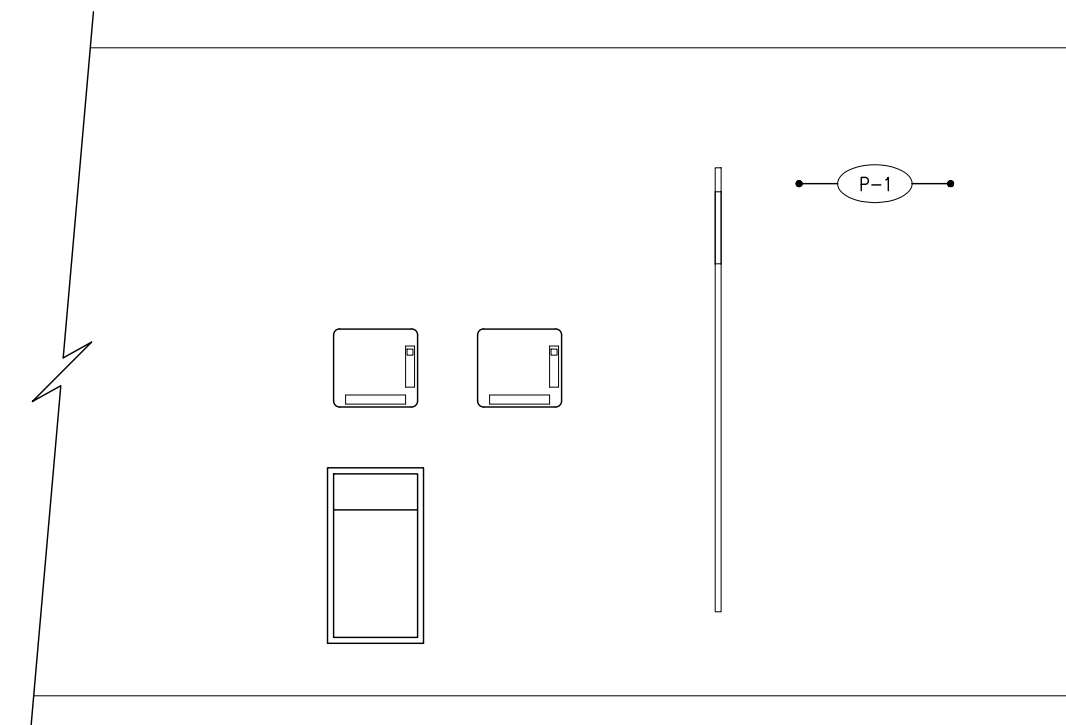
D1 RESTROOM INTERIOR ELEVATION

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



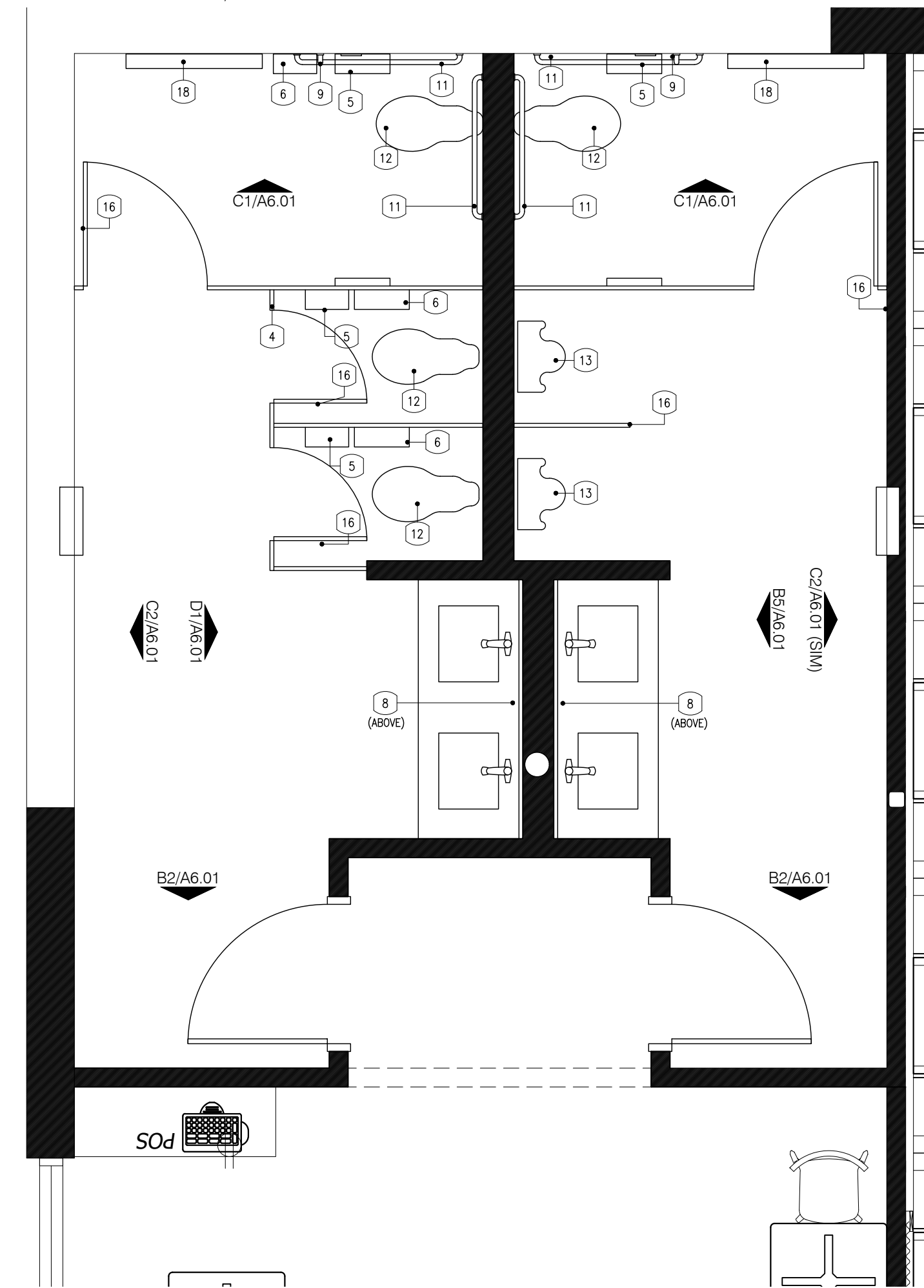
C1 RESTROOM INTERIOR ELEVATION

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



C2 RESTROOM INTERIOR ELEVATION

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



A1 ENLARGED RESTROOM PLAN

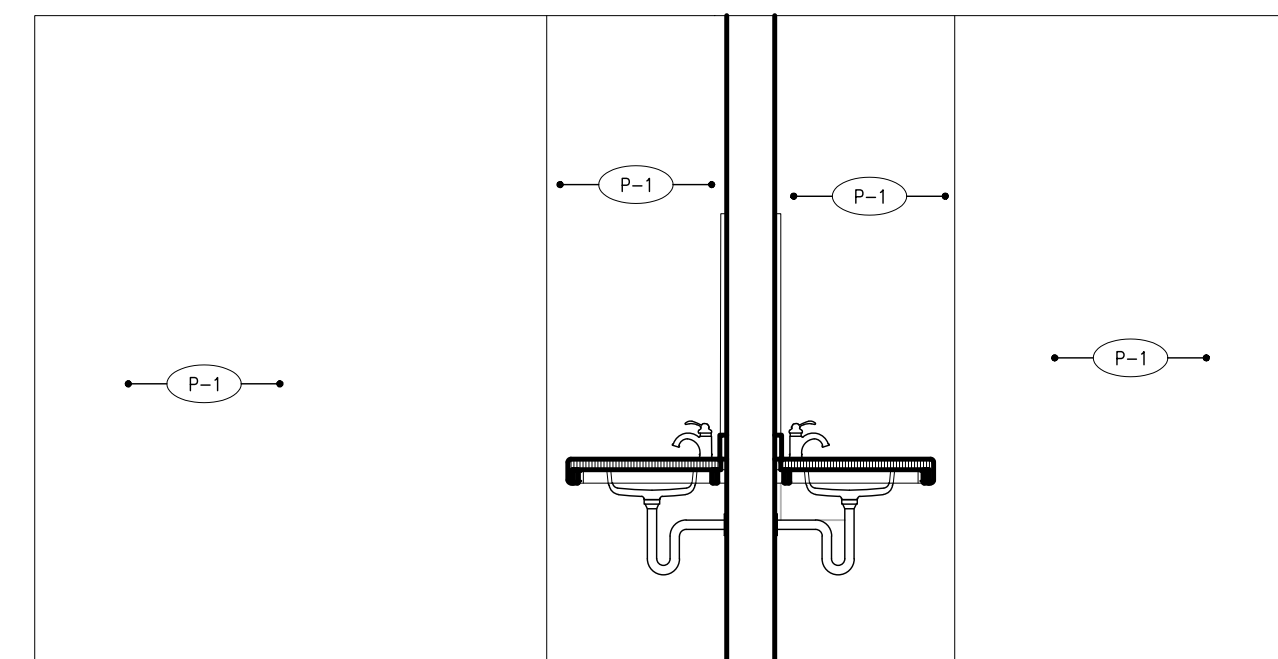
SCALE: 3/8" = 1'-0"

NOTE:
RESTROOMS FIXTURE LOCATIONS ARE
EXISTING EXCEPT WHERE OTHERWISE
NOTED. GC TO VERIFY EXISTING
CONDITIONS.

TOILET ACCESSORY SCHEDULE

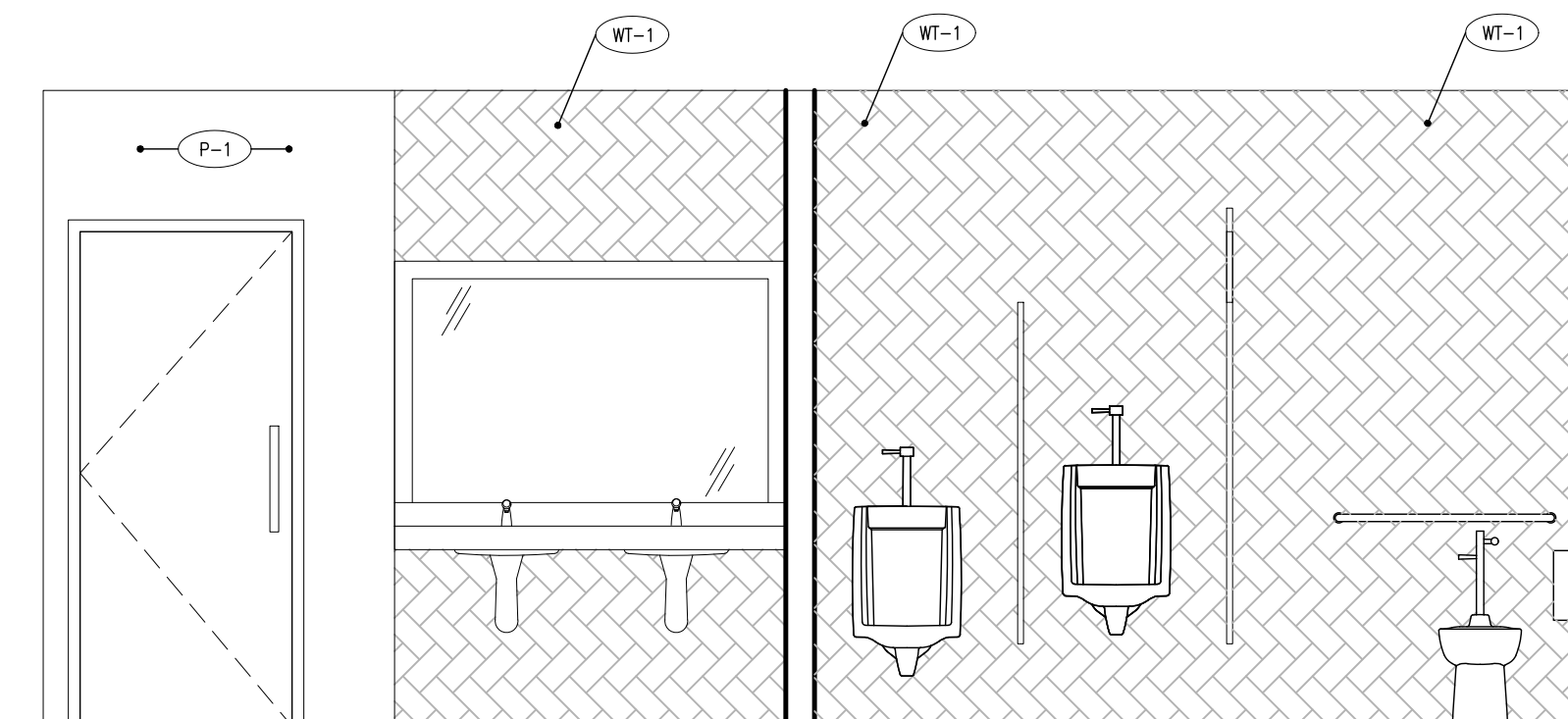
ITEM	ACCESSORY	LOCATION	MANU.	MODEL NO.	COLOR/STYLE	SIZE/REMARKS
1	ACCESS. SOAP DISPENSER	LAVATORY	BRADLEY	BRADDEX 6326	S.S. SATIN FINISH	-
2	ACCESSIBLE FAUCET (MANUAL)	LAVATORY	MOEN	WS84414MSRN	BRUSHED NICKEL	SURFACE MOUNTED ON LAVATORY COUNTER
3	ACCESS. LAVATORY	LAVATORY	KOHLER	K-2330	WHITE	UNDERMOUNT -KATHRYN SINK
4	TOILET PARTITIONS	LAVATORY	BOBRICK	HIGH PRESSURE LAMINATE CLASSIC SERIES	FORMICA CHESTNUT WOODLINE 9884-56	CHROME HARDWARE OR EQUAL. FLOOR MOUNTED O.H. BRACED
5	T.P. DISPENSER	W.C. STALL	SAN JAMAR	R3500TBK	BLACK PLASTIC	SURFACE MOUNTED -PROVIDED BY OWNER & INSTALLED BY G.C.
6	SANITARY NAPKIN DISPOSAL	WOMEN'S W.C. STALL	BOBRICK	B-270	S.S. SATIN FINISH	SURFACE MOUNTED
7	RECESS. WASTE RECEPT.	LAVATORY	BOBRICK	B-364	S.S. SATIN FINISH	RECESSED
8	WALL HUNG MIRROR	-	-	-	-	5'-3" WIDE, 40" TALL, 1/8" T. CLEAR TEMPERED GLASS, FRAMELESS
9	GRAB BARS	ACCESS. STALLS	BRADLEY	8120	S.S.	18" LONG, 1 1/2" W. WITH PEENED GRIP MOUNTED 40" A.F.F. & 40" AWAY FROM WALL. PROVIDE BLOCKING AS REQUIRED. (BY G.C.)
10	GRAB BARS	ACCESS. STALLS	BRADLEY	8120	S.S.	36" LONG, 1 1/2" W. WITH PEENED GRIP MOUNTED 36" A.F.F. & 6" AWAY FROM WALL. PROVIDE BLOCKING AS REQUIRED. (BY G.C.)
11	GRAB BARS	ACCESS. STALLS	BRADLEY	8120	S.S.	42" LONG, 1 1/2" W. WITH PEENED GRIP MOUNTED 36" A.F.F. & 6" AWAY FROM WALL. PROVIDE BLOCKING AS REQUIRED. (BY G.C.)
12	ACCESS. FLR. MNTD. WATER CLOSET	W.C. STALLS	AMERICAN STANDARD	3043.001 MADERA	WHITE	W/ MANUAL FLUSHOMETER
13	WALL MOUNTED URINAL	MEN'S W.C. STALL	AMERICAN STANDARD	6601.012 LYNBROOK	WHITE	W/ MANUAL FLUSHOMETER
14	MEN'S BRAILLE SAFETY SIGN	-	MGT. CO.	-	-	MOUNTED 60" A.F.F. TO CENTERLINE - (BY G.C.)
15	WOMEN'S BRAILLE SAFETY SIGN	-	MGT. CO.	-	-	MOUNTED 60" A.F.F. TO CENTERLINE - (BY G.C.)
16	COAT HOOKS	W.C. STALLS	TBD	-	-	MOUNTED 60" A.F.F.
17	TOILET SEAT COVERS	W.C. STALLS	BOBRICK	B-221	S.S.	SURFACE MOUNTED ON PARTITION
18	BABY CHANGING STATION	H.C. STALLS	KOALA KARE	KB200-05	"WHITE GRANITE"	44" A.F.F. TO HANDLE CENTERLINE, PROVIDE CONT. METAL OR FRT WOOD BLOCKING AS REQUIRED

NOTES:
1. ALL TOILET ACCESSORIES SHALL MEET ALL REQUIREMENTS OF THE ADA/AG ACCESSIBILITY GUIDELINES.
2. LAVATORY MIRRORS TO BE MOUNTED SO THAT REFLECTING SURFACE IS 40" MAX. ABOVE THE FLOOR.
3. PROVIDE SOLID WOOD OR BLOCKING AT ALL GRAB BAR LOCATIONS.
4. HOT WATER AND DRAIN PIPES EXPOSED UNDER SINK MUST BE INSULATED TO PROTECT AGAINST CONTACT.
5. W/AV EXPOSED PIPING WITH WHITE VINYL INSULATED NOT.
6. G.C. TO VERIFY: PRIOR TO INSTALLING RECESSED PAPER TOWEL HOLDER, VERIFY LIGHT SWITCH LOCATION AND LOCATE PAPER TOWEL DISPENSER ACCORDINGLY.
7. CONTRACTOR TO PROVIDE FRT WD. BLOCKING IN WALL CAVITIES AS REQ. TO SUPPORT ALL FIXTURES, FURNISHINGS & EQUIPMENT REGARDLESS WHETHER ITEMS ARE SUPPLIED BY OWNER OR CONTRACTOR.
8. ALL CPT. BOARD INSTALLED IN TOILET ROOMS SHALL BE MOISTURE RESISTANT.



B2 RESTROOM INTERIOR ELEVATION

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



B5 RESTROOM INTERIOR ELEVATION

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

RESTROOM FINISH SCHEDULE

- P-1** PAINT
MANUFACTURER: SHERWIN WILLIAMS
MODEL #: SW 7017
COLOR: DORIAN GRAY
NOTES: EPOXY PAINTED IN RESTROOMS
- WT-1** CERAMIC TILE
MANUFACTURER: DALTILE
MODEL #: ANNAPOLIS
COLOR: SAIL
NOTES: HERRINGBONE PATTERN ON RESTROOM
NET WALLS



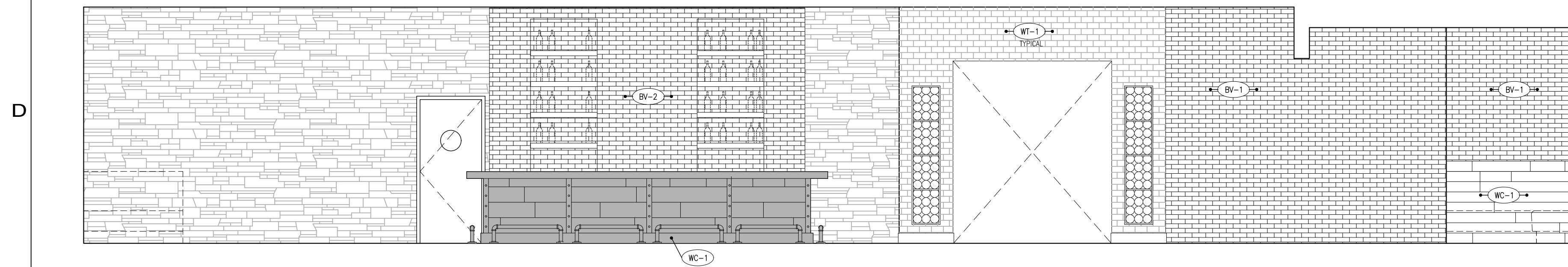
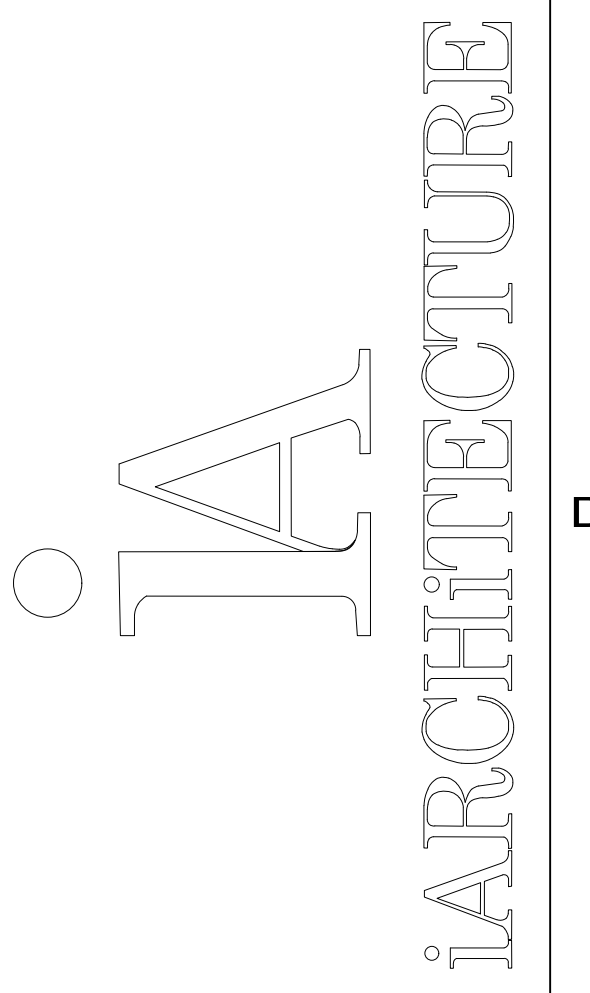
COPYRIGHT
THESE DOCUMENTS ARE PROTECTED BY UNITED STATES
COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY
FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR
USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION
WITHOUT THE EXPRESS WRITTEN APPROVAL AND
PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF
THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT.
ALL RIGHTS ARE RESERVED TO ARCHITECTURE.

**RESTROOM
PLAN &
DETAILS**

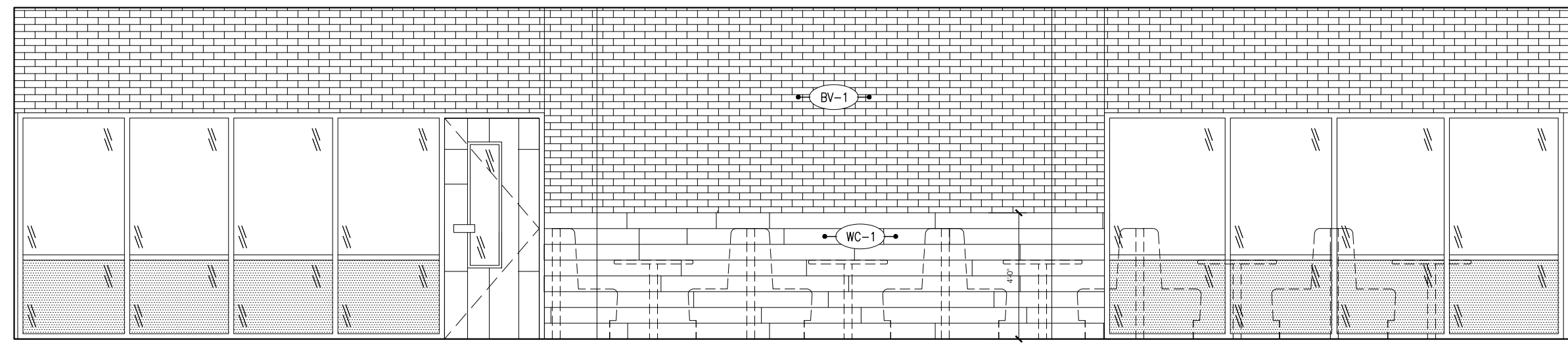
REVISIONS NO. DATE	PROJECT NO: IA 2119
	SHEET A6.01

INTERIOR FINISH SCHEDULE

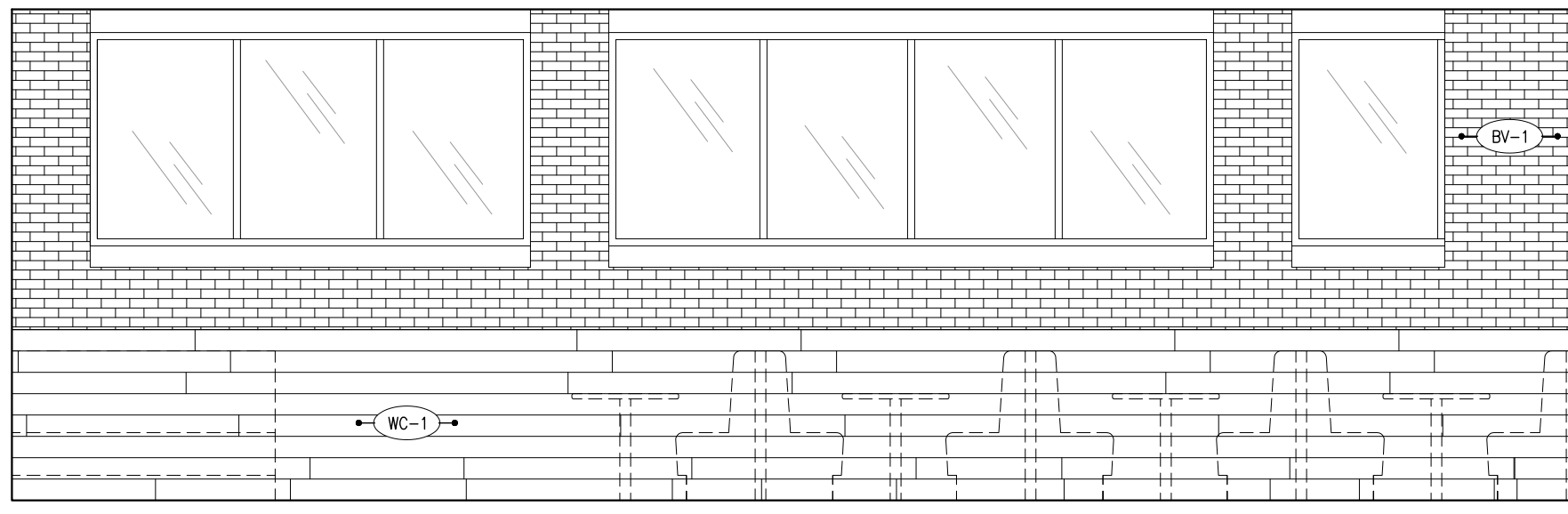
P-1 PAINT MANUFACTURER: SHERWIN WILLIAMS MODEL #: SW 7017 COLOR: DORIAN GRAY NOTES:	SV-1 NATURAL STONE VENEER MANUFACTURER: REALSTONE MODEL #: 8"X8" ACCENT TILE COLOR: TERRACOTTA
P-2 PAINT MANUFACTURER: SHERWIN WILLIAMS MODEL #: SW 7020 COLOR: BLACK FOX NOTES:	CP-1 CORRUGATED PANEL MANUFACTURER: TBO SIZE: 3/4" CORRUGATED METAL PANEL COLOR: GALVANIZED NOTES: HORIZONTAL AT "MASTERS OF MEAT" VERTICAL AT "MASTERS OF MEAT"
WT-1 DYNAMIC TILE MANUFACTURER: DALTILE MODEL #: ANNAPOLIS COLOR: SAIL	PK-1 BURNISHED WOOD MANUFACTURER: TBO SIZE: 1"X6" PINE PLANKS FINISH: TORCH BURNISHED TO DARK FINISH, THEN APPLY MATTE EPOXY
BV-1 BRICK VENEER MANUFACTURER: REPLICATIONS UNLIMITED MODEL #: LIRESTONE, ST. LOUIS BRICK COLOR: ADOBE	FRP-1 FRP PANELS MANUFACTURER: TBO SIZE: 4'X10' PANELS FINISH: MATCH EXISTING
BV-2 BRICK VENEER MANUFACTURER: REPLICATIONS UNLIMITED MODEL #: LIRESTONE, ST. LOUIS BRICK COLOR: PAINTED WHITE	
WC-1 VINYL WALL COVERING MANUFACTURER: NORSEAL MODEL #: HERITAGE WOOD, HW29-60 COLOR: ALDER REMARKS: REPEAT: V.35.5"	



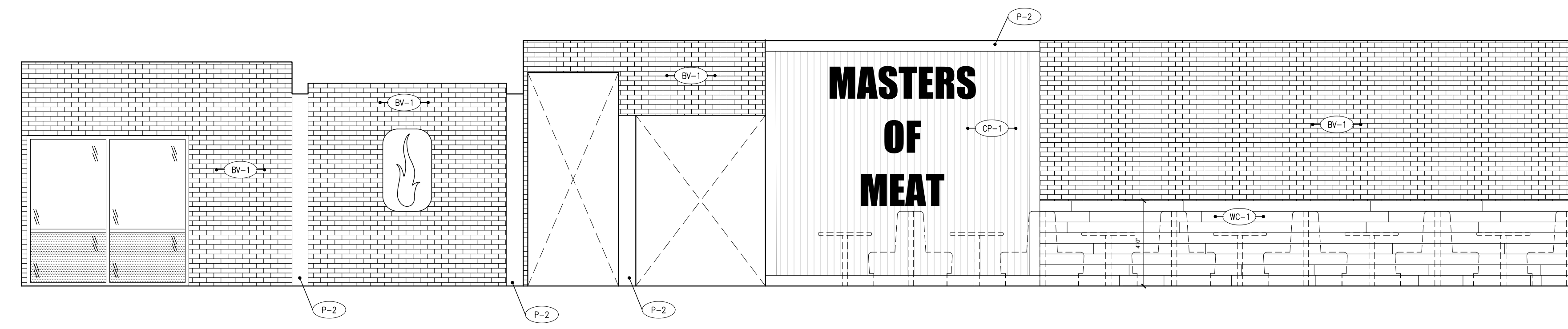
D1 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



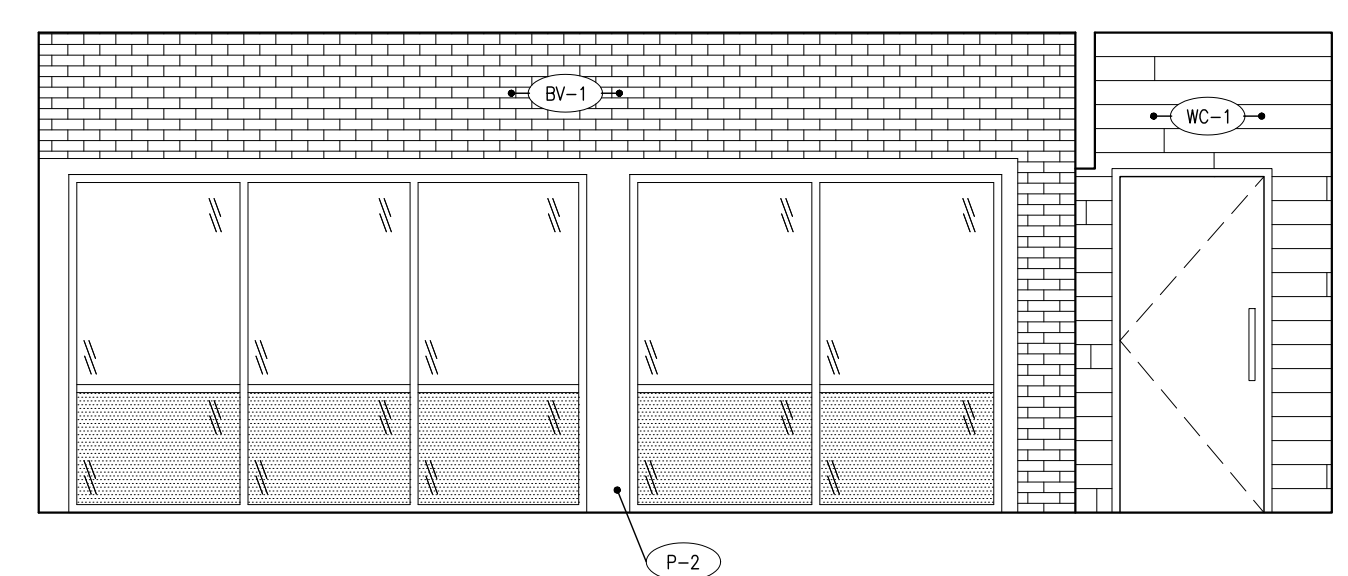
C1 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



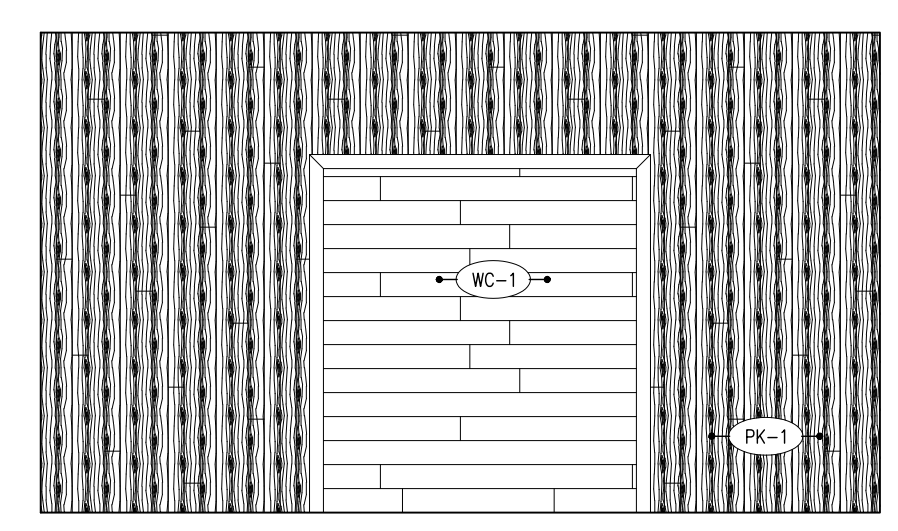
C4 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



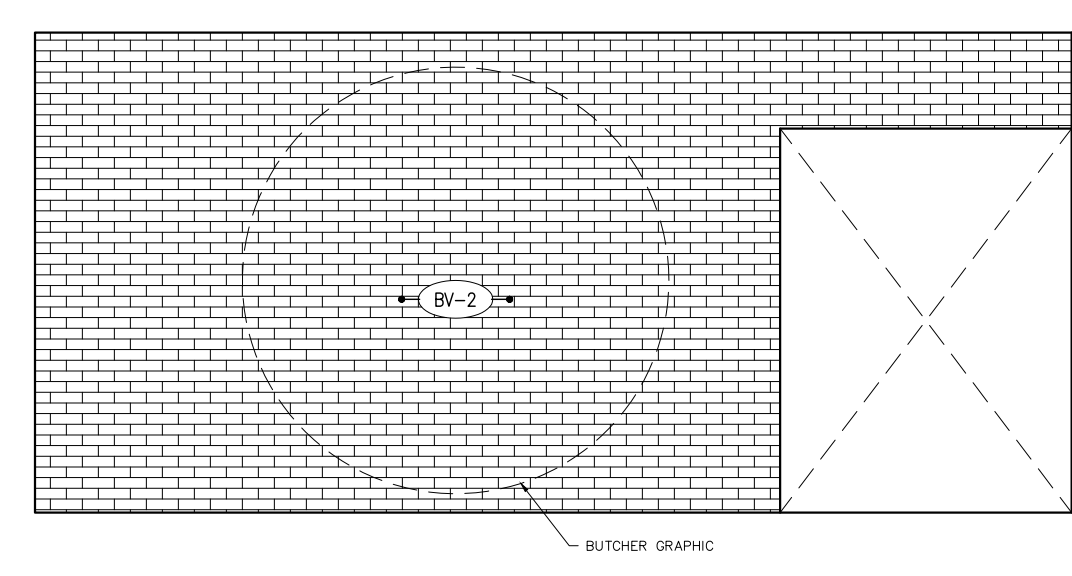
B1 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



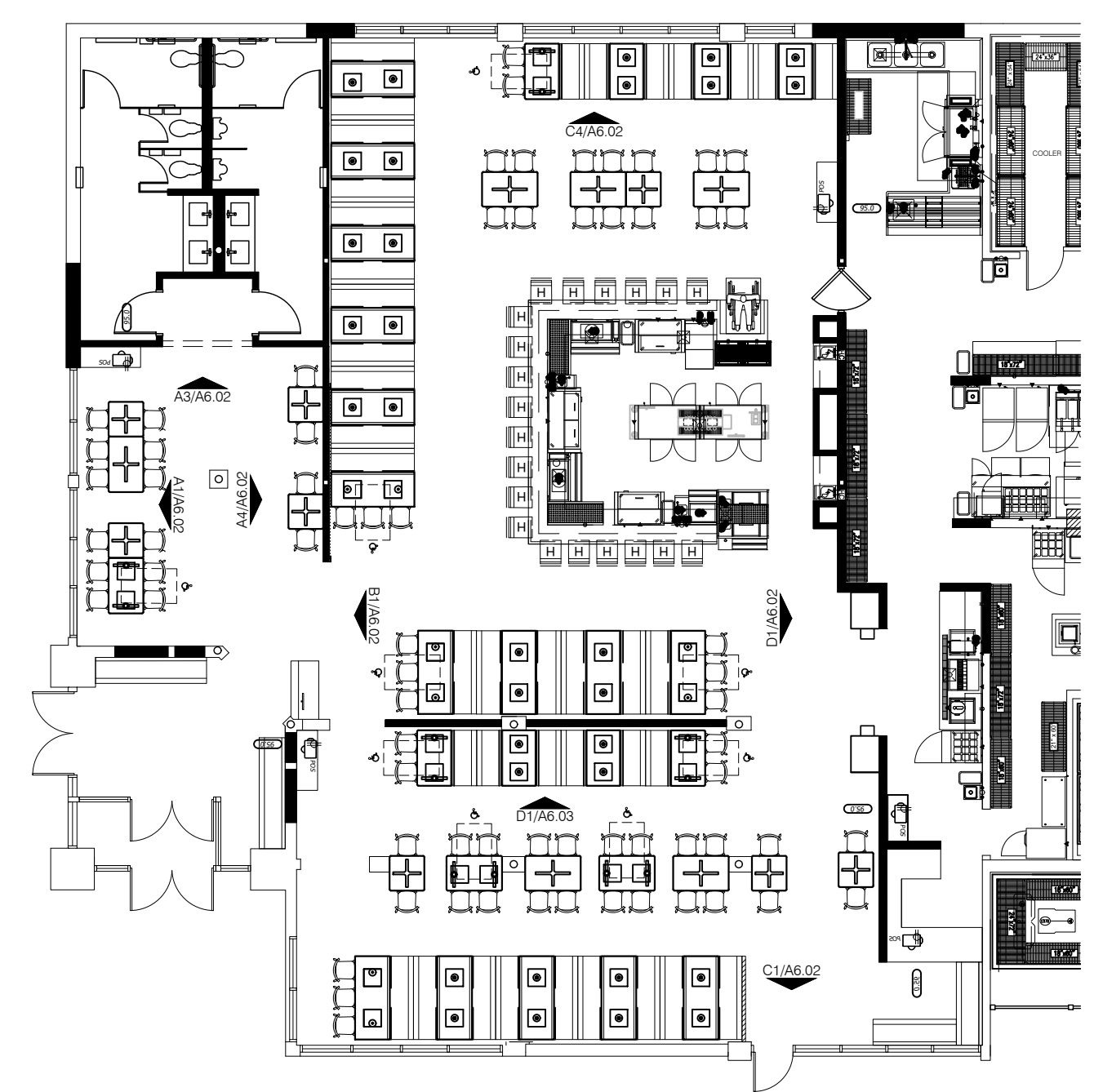
A1 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



A3 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



A5 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



A5 KEY PLAN
SCALE: N.T.S.

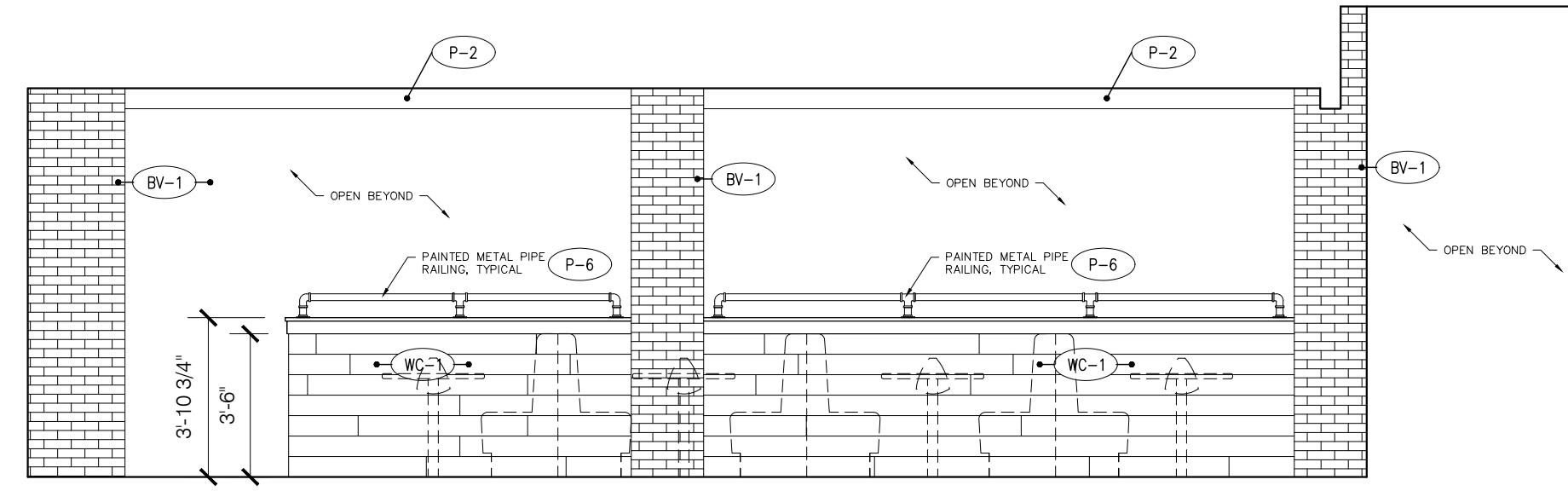
SMOKEY BONES
UTICA, MI



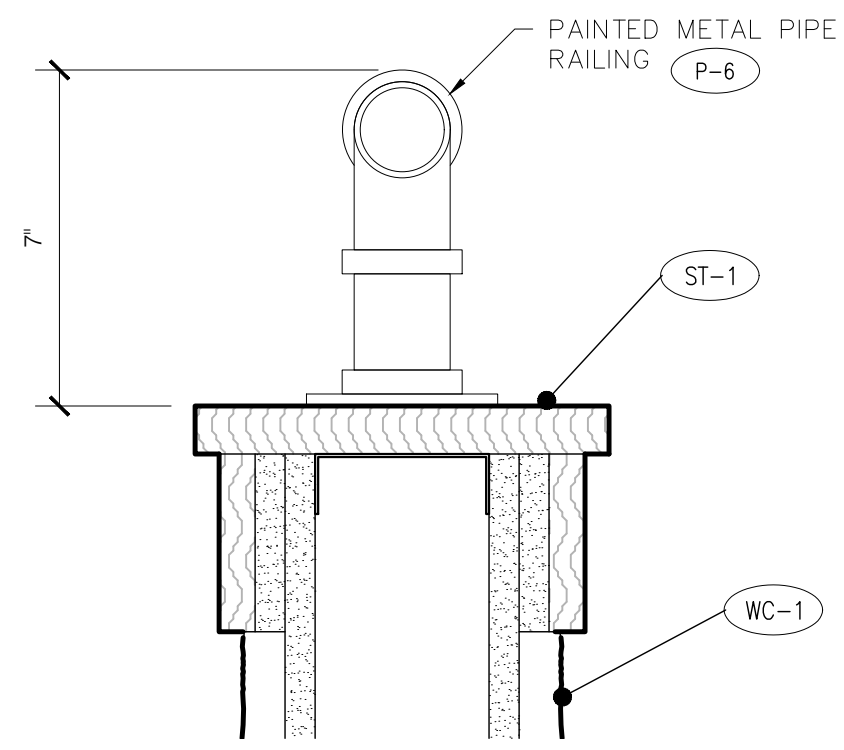
COPYRIGHT
THESE DOCUMENTS ARE PROTECTED BY UNITED STATES
COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY
FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR
USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION
WITHOUT THE EXPRESS WRITTEN APPROVAL AND
PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF
THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT.
ALL RIGHTS ARE RESERVED TO IA ARCHITECTURE.

INTERIOR
ELEVATIONS

REVISIONS NO. DATE	PROJECT NO: IA 2119
	SHEET A6.02



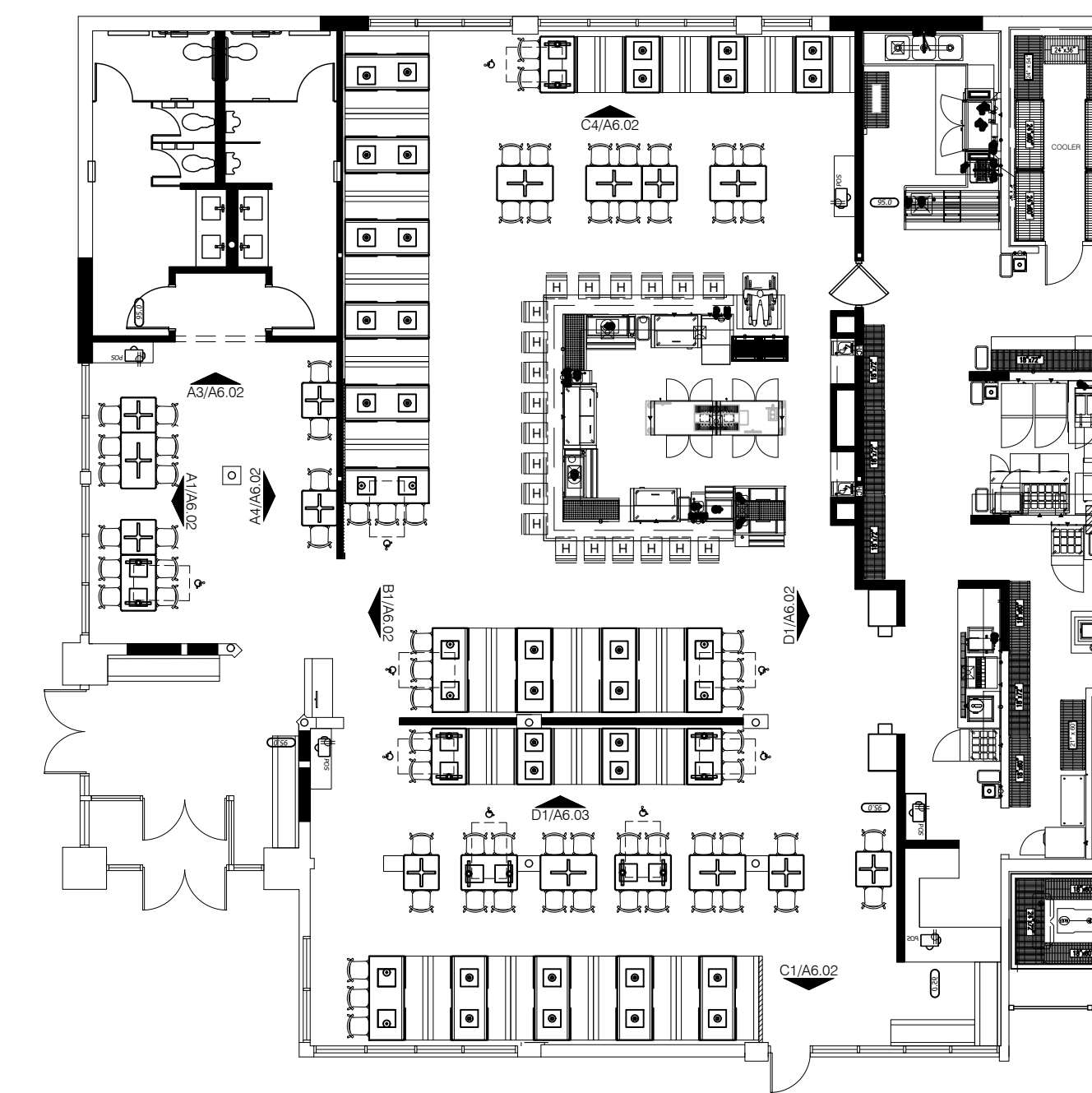
D1 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



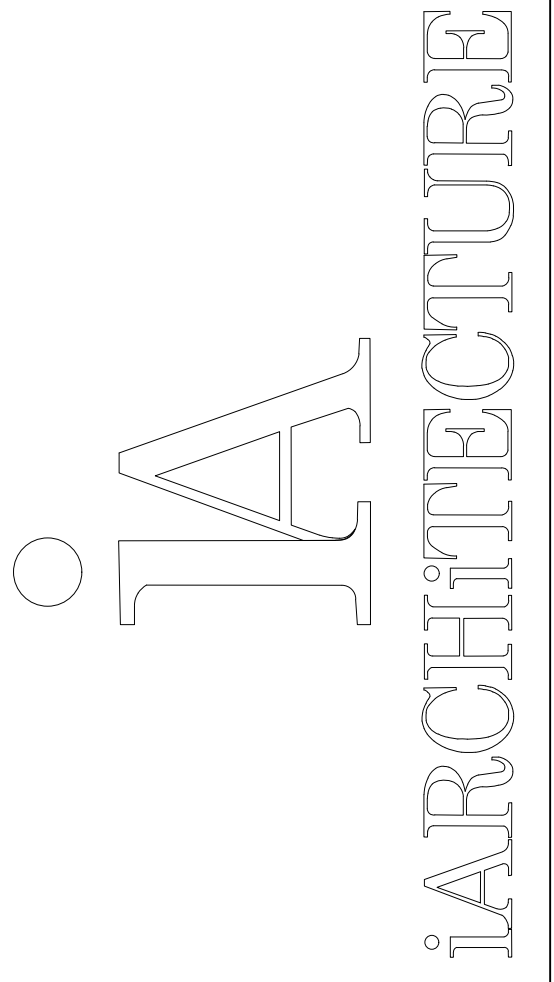
D3 METAL PIPE RAILING DETAIL
SCALE: 3/8" = 1'-0"

INTERIOR FINISH SCHEDULE

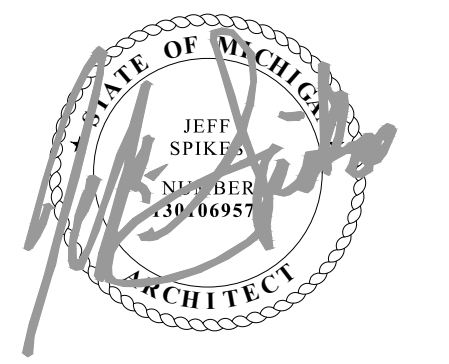
P-1 PAINT MANUFACTURER: SHERWIN WILLIAMS MODEL # SW 7017 COLOR: DORIAN GRAY NOTES:	SV-1 NATURAL STONE VENEER MANUFACTURER: REALSTONE MODEL # 8"X8" ACCENT TILE COLOR: TERRACOTTA
P-2 PAINT MANUFACTURER: SHERWIN WILLIAMS MODEL # SW 7020 COLOR: BLACK FOX NOTES:	CP-1 CORRUGATED PANEL MANUFACTURER: TBO SIZE # 3/4" CORRUGATED METAL PANEL COLOR: GALVANIZED NOTES: HORIZONTAL AT MANSCOOT'S VERTICAL AT "MASTERS OF MEAT"
WT-1 CERAMIC TILE MANUFACTURER: DALTILE MODEL # ANNAPOLIS COLOR: SAIL	PK-1 BURNISHED WOOD MANUFACTURER: TBO SIZE: 1"X6" PINE PLANKS FINISH: TORCH BURNISHED TO DARK FINISH, THEN APPLY MATTE EPOXY
BV-1 BRICK VENEER MANUFACTURER: REPLICATIONS UNLIMITED MODEL # LIRESTONE, ST. LOUIS BRICK COLOR: ADOBE	FRP-1 FRP PANELS MANUFACTURER: TBO SIZE: 4'X10' PANELS FINISH: MATCH EXISTING
BV-2 BRICK VENEER MANUFACTURER: REPLICATIONS UNLIMITED MODEL # LIRESTONE, ST. LOUIS BRICK COLOR: PAINTED WHITE	
WC-1 VINYL WALL COVERING MANUFACTURER: NORSEAL MODEL # HERITAGE WOOD, HW29-60 COLOR: ALDER REMARKS: REPEAT: V.35.5"	



A5 KEY PLAN
SCALE: N.T.S.



SMOKEY BONES
UTICA, MI



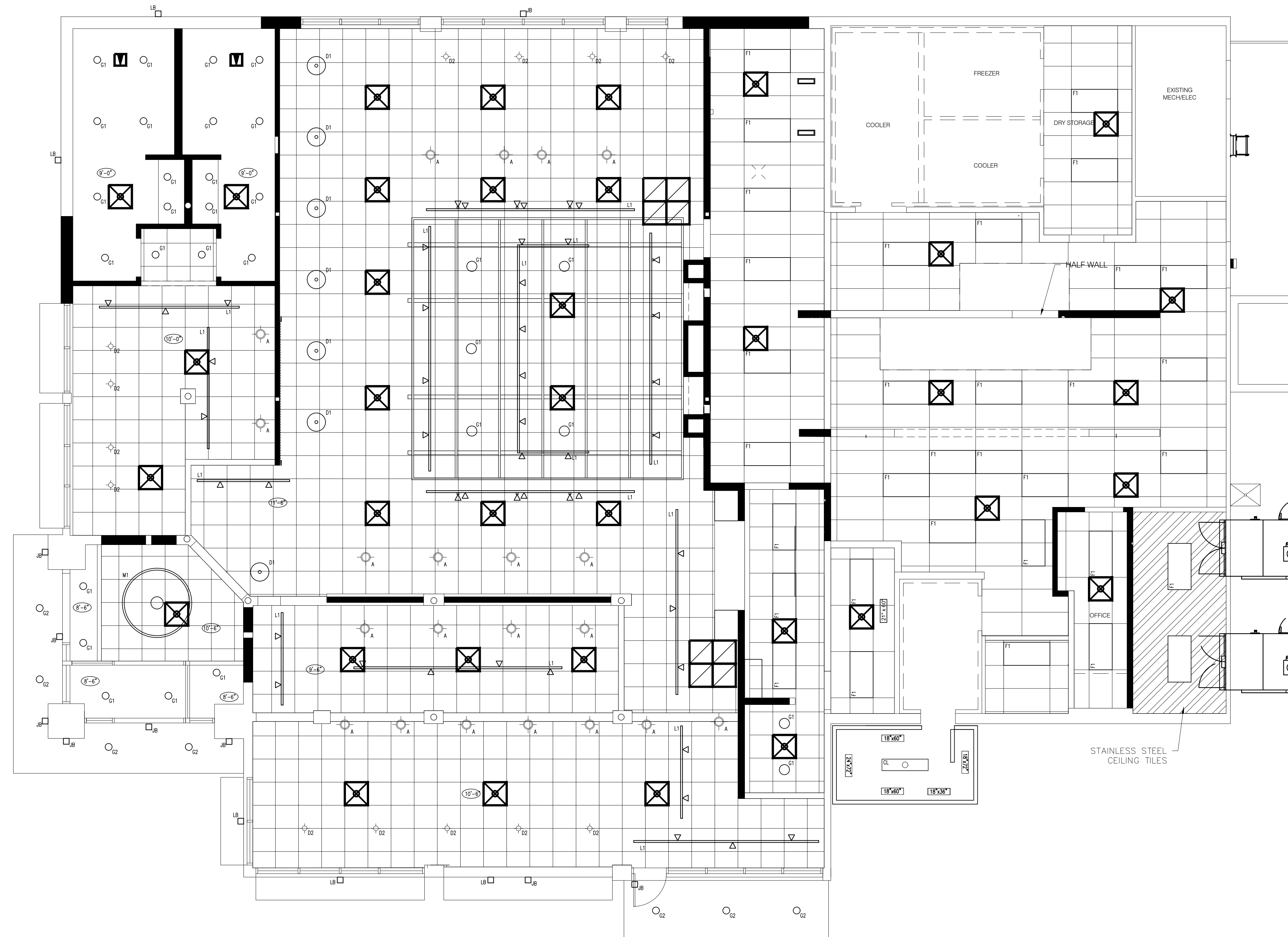
JEFF SPIKES ARCHITECT
LICENSE NO. 1301099072

COPYRIGHT
THESE DOCUMENTS ARE PROTECTED BY UNITED STATES
COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY
FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR
USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION
WITHOUT THE EXPRESS WRITTEN APPROVAL AND
PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF
THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT.
ALL RIGHTS ARE RESERVED TO IA ARCHITECTURE.

INTERIOR
ELEVATIONS

REVISIONS NO. DATE	PROJECT NO: IA 2119
	SHEET A6.03

NOTE: EXISTING CEILING GRID, TILES, HVAC DIFFUSERS, DUCTWORK, LOW VOLTAGE WIRING, ETC TO BE DEMO BY G.C. PRIOR TO NEW WORK COMMENCEMENT.



REFLECTED CEILING PLAN SYMBOL LEGEND

A		PENDANT LIGHT FIXTURE MANUFACTURER: H-LITE MFG. CO. MODEL # H-4529P1 DIMENSIONS: 8 1/2" x 12" FINISH: OLD NICKEL LAMP: 11.5W LED A19 REMARKS:	MOUNT FIXTURES TO UNISTRUT SUPPORT ABOVE -PAINT UNISTRUT & THREADED RODS "BLACK"
G1		6" RECESSED DOWNLIGHT MANUFACTURER: HALO COMMERCIAL HOUSING MODEL # HALO HCB 6" CW LAMP: HALO HMB-12-435 6" LED MODULE, 1,200 LUMENS, 80 CR, 3500K CCT	PAINT TRIMS TO MATCH ADJACENT SURFACES
G2		6" RECESSED DOWNLIGHT MANUFACTURER: HALO COMMERCIAL HOUSING MODEL # HALO HCB 6" CW LAMP: HALO HMB-12-435 6" LED MODULE, 1,200 LUMENS, 80 CR, 3500K CCT	REQUIRES INSTALLATION WITH TRIMS AND Baffles THAT ARE UL WET LOCATION APPROVED.
M1		CUSTOM WHEEL LIGHT FIXTURE MANUFACTURER: H-LITE MFG. CO. MODEL # H-4529WB-4 DIMENSIONS: 22" x 17" FINISH: 117-PAINTED STEEL REMARKS: MOUNTED ON STEM W/4 AIRCRAFT CABLES 120"	
S1		EXTERIOR GREEN STRING LIGHTING MANUFACTURER: AMERICAN LIGHTING MODEL # LS2-MS-24-48-8K DIMENSIONS: 24" TOTAL LENGTH FINISH: BLACK	
D1		PENDANT LIGHT FIXTURE MANUFACTURER: H-LITE MFG. CO. MODEL # H-4529P-3 DIMENSIONS: 12" x 18" FINISH: BK01 BLACK (EXT), 156 RED/ORANGE (INT), 91 BLACK (CANOPY) LAMP: 20W	
D2		PENDANT LIGHT FIXTURE MANUFACTURER: CONTECH LIGHTING MODEL # OF3308 DIMENSIONS: 10 1/8" x 4 3/4" FINISH: RED LAMP: T80	
F1		2x4 LED LIGHT FIXTURE MANUFACTURER: METALUX MODEL # 24024323C REMARKS: 2x4 LED LIT-N	
F2		2x2 FLUORESCENT LIGHT FIXTURE MANUFACTURER: METALUX MODEL # SF-33-120-EBB W/ REFLECTOR OR EQUAL LAMP: (2) 32W T8 REMARKS:	EXISTING
L1		MONOPOINT/TRACK LIGHTING MANUFACTURER: JUNG MODEL # BPOD-42-30K-RODR-POW-FL-BL / T8BL / 14BL / 13BL / 12.3BL FINISH: BLACK LAMP: 10W LED REMARKS: -SEE GENERAL NOTES & INTERIOR ELEVATIONS FOR MOUNTING INFORMATION -PROVIDE 24" INCREMENTS IN LENGTH (F.V.) -5/0 TRACK @ 11"-0" A.F.F. (TYP.)	
JB		JUNCTION BOX 50V POWER PROVIDE POWER FOR ILLUMINATED SIGNAGE COORDINATE WITH SIGNAGE COMPANY	
LB		JUNCTION BOX LIGHTING POWER PROVIDE POWER FOR ILLUMINATED LIGHTBAND COORDINATE WITH SIGNAGE COMPANY	
T1		DECORATIVE WATER PROOF EXTERIOR GOOSE NECK MANUFACTURER: H-LITE MFG. CO. MODEL # H-DW-10-96 DIMENSIONS: 17" x 10" FINISH: 96 GALV LAMP: 20W LED REMARKS: WEATHERPROOF	

R.C.P. GENERAL NOTES

- ALL FRONT OF HOUSE LIGHT FIXTURES TO BE DIMMABLE.
- PREP & PAINT EXPOSED ACCESSORIES & ELECTRICAL CONDUIT.
- ALL PENETRATIONS SHALL BE FIRE SALED AND ACOUSTICALLY SEALED TO MAINTAIN BASE BUILDING RATINGS AS APPLICABLE.
- G.C. SHALL PROVIDE BLOOMING, LIGHT GAUGE, OR MITL FRAMING/UNISTRUT TO SUPPORT ALL CEILING FIXTURES INDEPENDENTLY OF ROOF DECK.
- SPRINKLER SYSTEM, FIRE ALARM, & FIRE EXTINGUISHER TYPES & LOCATIONS ARE DESIGN/PERMIT/BUILD BY G.C. AT G.C. EXPENSE. G.C. TO VERIFY W/ LANDLORD DESIGNATED CONTRACTORS.
- VERIFY HEIGHTS AND LOCATIONS OF ALL LIGHTING FIXTURES AND MECHANICAL REGISTERS IN FIELD W/ ARCHITECT AND OWNER. FINISH OF EXPOSED DUCTWORK AND REGISTERS SHALL BE INDICATED ON PLANS & FINISH SCHEDULE.
- COORDINATE FIRE ALARM DEVICES TO AVOID CONFLICTS WITH FINISHES. SEE INTERIOR ELEVATIONS & DETAILS.
- ALL LIGHT FIXTURES TO BE UL LISTED THROUGHOUT AND SHIELDED AT FOOD PREPARATION AREAS.
- LIGHTING AT WORK AREAS AND BARS TO BE MIN. 50 FOOTCANDLES (INCLUDING SHIELDED LIGHTING). LIGHTING AT HAND SINK AREAS TO BE MIN. 50 FOOTCANDLES. LIGHTING AT WALK-IN FOOD COOLER AND WALK-IN BEER COOLER TO BE MIN. 20 FOOTCANDLES.
- CONTRACTOR TO PROVIDE ELECTRICAL AS REQUIRED TO SIGNAGE (INTERIOR & EXTERIOR) -VERIFY LOCATION/HEIGHT AND POWER REQUIREMENTS IN FIELD WITH OWNER.
- G.C. SHALL PROVIDE PRE-FABRICATED RECESSED METAL ACCESS PANELS IN GYP. BOARD CEILINGS AS REQUIRED FOR THE PROPER MAINTENANCE OF ELECTRICAL EQUIPMENT. G.C. TO COORDINATE SIZES AND LOCATIONS IN FIELD WITH ARCHITECT AND OWNER. PAINT PANELS TO MATCH ADJACENT CEILING FINISH.
- DECORATIVE PENDANTS; VERIFY HEIGHT IN FIELD WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION. G.C. SHALL NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES NOTED.
- G.C. TO PROVIDE 10% EXTRA TRACK HEADS.
- NOT USED.
- ALL EXPOSED LOW-VOLTAGE WIRE (EXCEPT FIRE ALARM WIRING) SHALL BE "BLACK" OR WRAPPED IN "BLACK" PVC SHEATH (TYP.)
- G.C. TO PROVIDE & INSTALL CAGE/SHIELD OVER EMERGENCY ELECTRICAL SHUTOFF SWITCH
- PAINT ALL RECEPTACLE COVERS & EXPOSED CONDUIT / J-BOXES TO MATCH ADJACENT FINISHES. (TYPICAL, ALL LOCATIONS)
- MOUNT ALL FIXTURES OVER MOVABLE TABLES ON UNISTRUT OR LIGHTING TRACK AS APPROPRIATE FOR FIXTURE WEIGHT.
- PAINT ALL UNISTRUTS & THREADED ROD SUPPORTS "BLACK" (TYPICAL, ALL LOCATIONS)
- G.C. SHALL PROVIDE BLKS. / UNISTRUT ATTACHED TO ROOF JOISTS AS REQ'D TO MOUNT FIXTURES INDEPENDENT OF ROOF DECK.
- ALL WPT, SECURITY, & SPEAKER LOCATIONS TO BE VERIFIED IN FIELD W/ ARCHITECT PRIOR TO INSTALLATION.

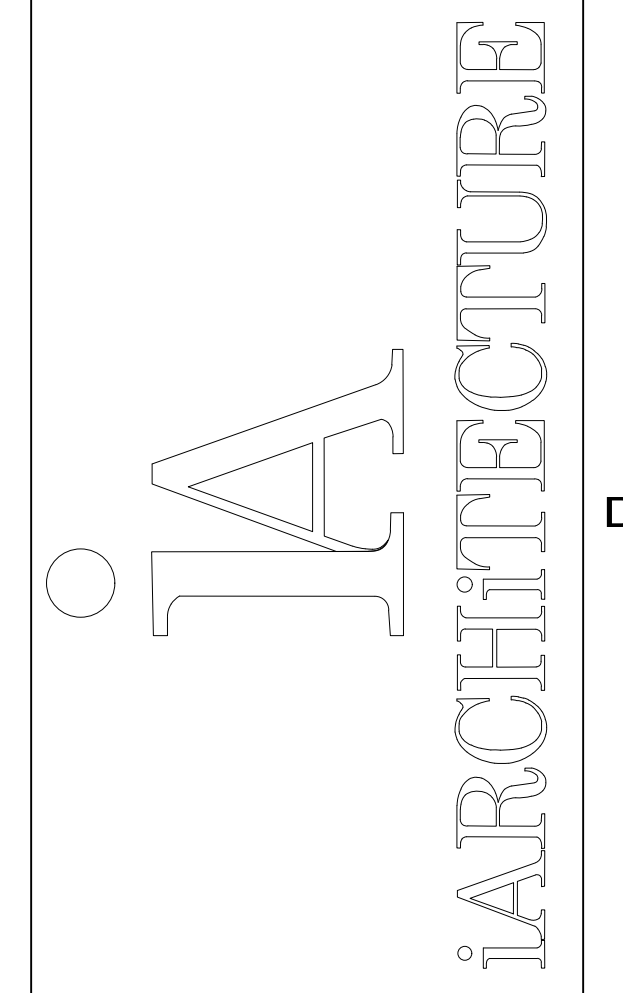
R.C.P. KEYNOTES

- PROVIDE J-BOX FOR WALL-MOUNTED SIGNAGE
-G.C. TO VERIFY EXACT LOCATION W/ OWNER'S SIGNAGE CONSULTANT
-SEE INTERIOR & EXTERIOR ELEVATIONS
- FLAT PANEL T.V. SUPPORT -SEE INTERIOR ELEVATIONS & DETAILS
- FLAT PANEL T.V. LOCATION -SEE ELECTRICAL DRAWINGS -CONCEAL TV,AV, WIRING FROM PUBLIC VIEW
- EXPOSED MED. DUCTS AND DIFFUSERS -SEE MECH DWGS. -PROVIDE PRE-FIN. METAL TRM RING AROUND DUCT AT CEILING PANEL PENETRATION -SEE INTERIOR ELEV. FOR PAINT COLOR
- SA. PROVIDE DIMMABLE J-BOX FOR 10" SIGNAGE
SB. PROVIDE DIMMABLE J-BOX FOR FLAME SCONCE
SC. PROVIDE J-BOX FOR GAS SCONCE ELECTRONIC IGNITOR -SEE A4 -SEE PLUMB & ELEC.
SD. J-BOX FOR EXT. FLAME SCONCE -SEE A12

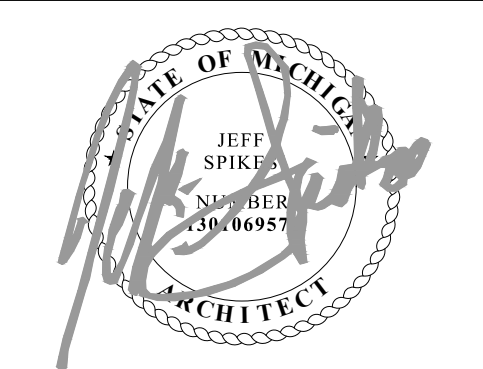
VERIFY FIXTURE HEIGHTS IN FIELD W/ ARCHITECT & OWNER PRIOR TO STEM TRIMMING

A1 REFLECTED CEILING PLAN

SCALE: 3/16" = 1'-0"



SMOKEY BONES
UTICA, MI



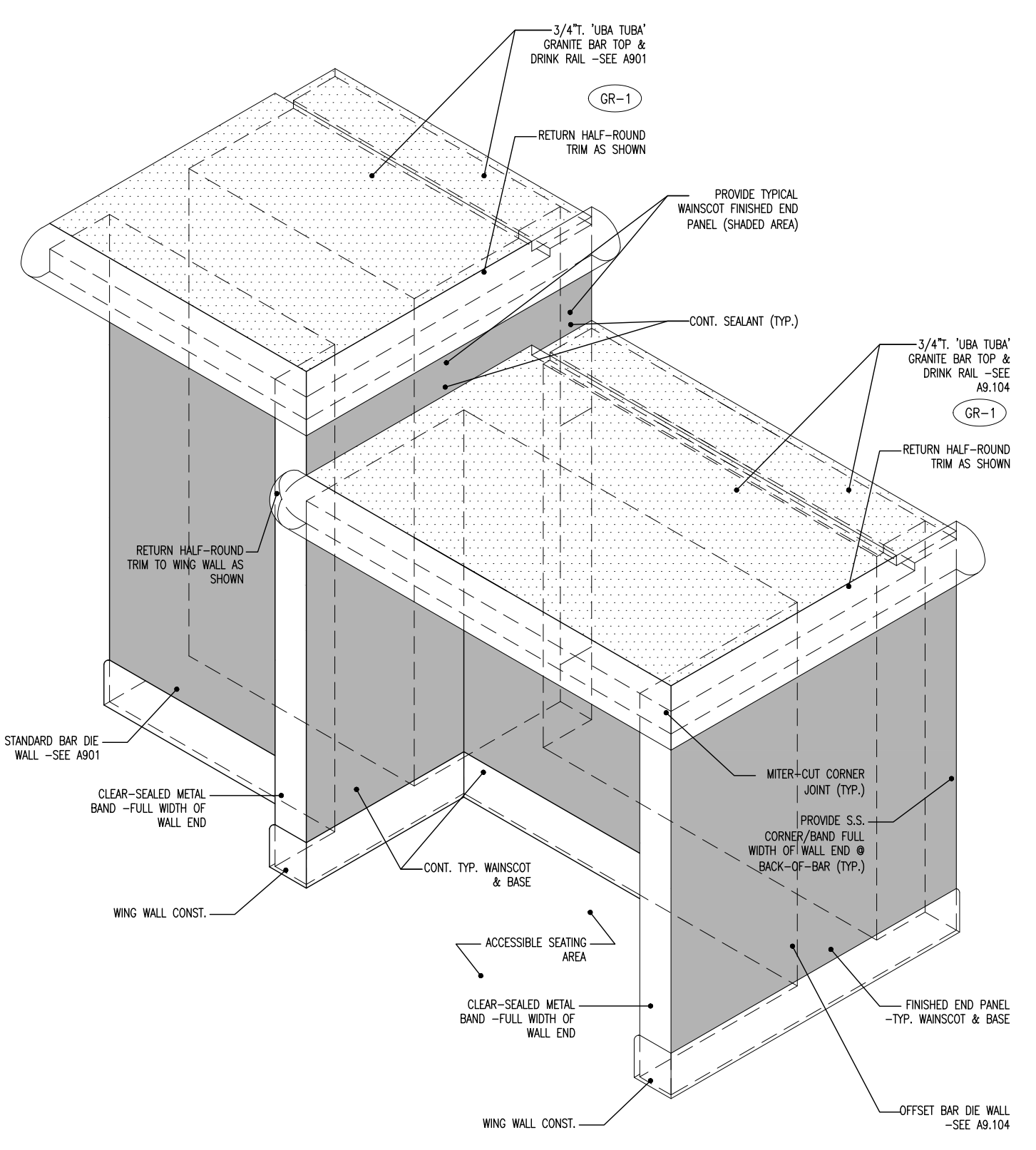
JEFF SPIKES ARCHITECT
LICENSE NO. 130106602

COPYRIGHT
THESE DOCUMENTS ARE PROTECTED BY UNITED STATES COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT. ALL RIGHTS ARE RESERVED TO ARCHITECTURE.

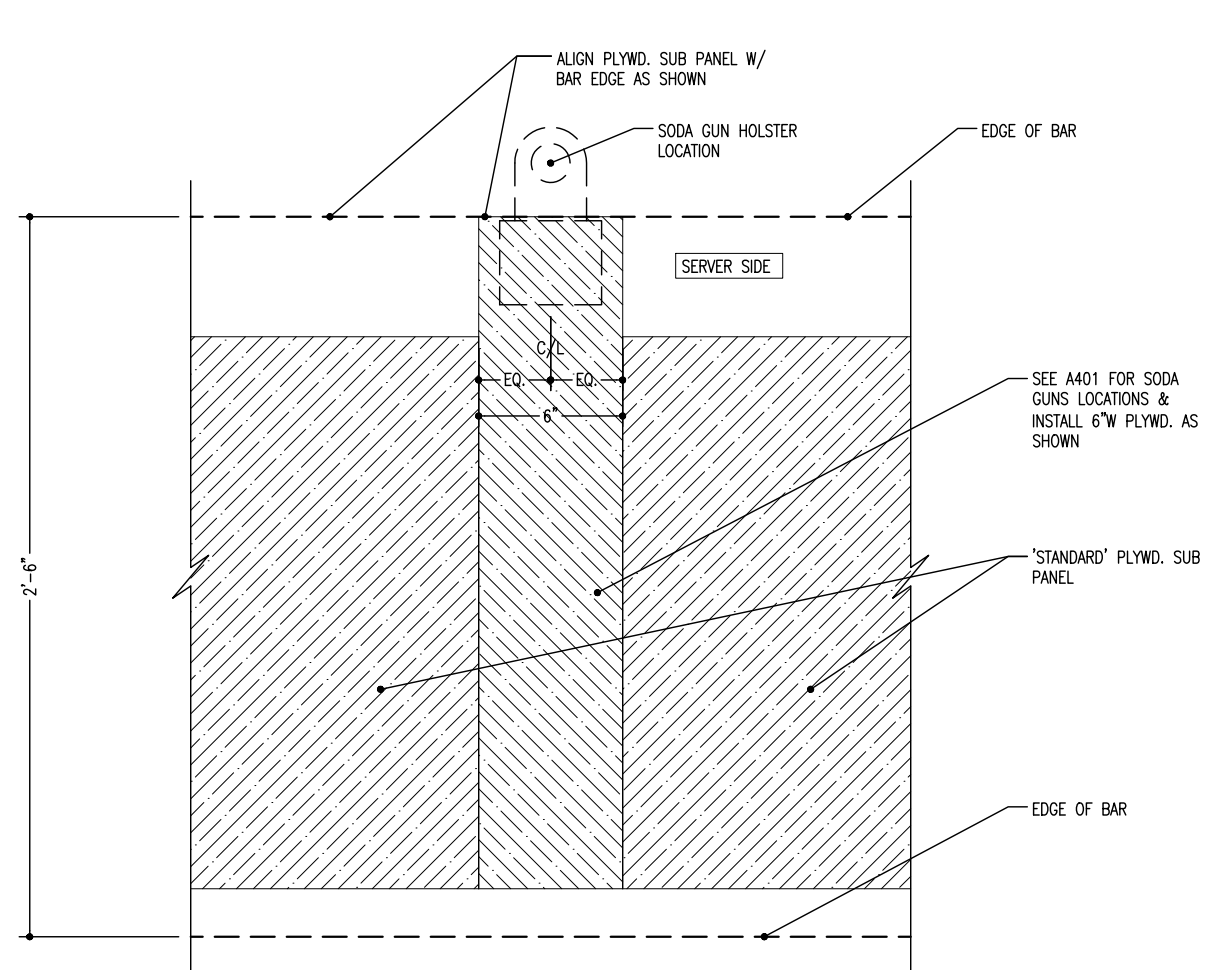
REFLECTED CEILING PLAN

REVISIONS	PROJECT NO:
NO. DATE	IA 2119
	SHEET
	A7.01

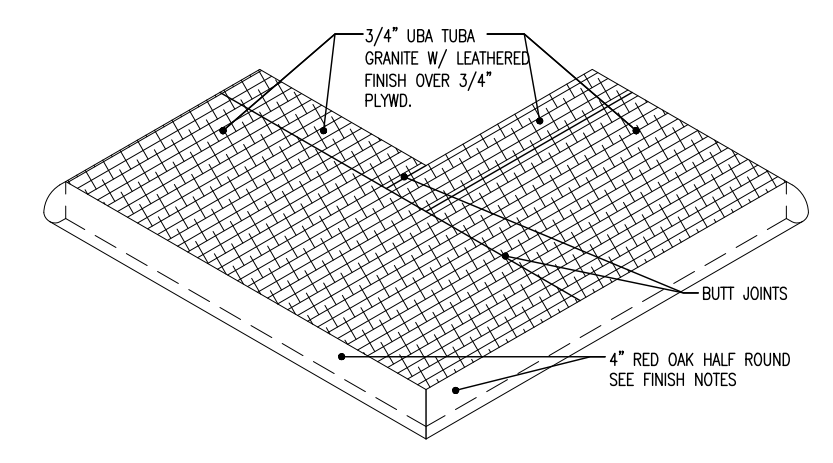
DATE 11/12/21



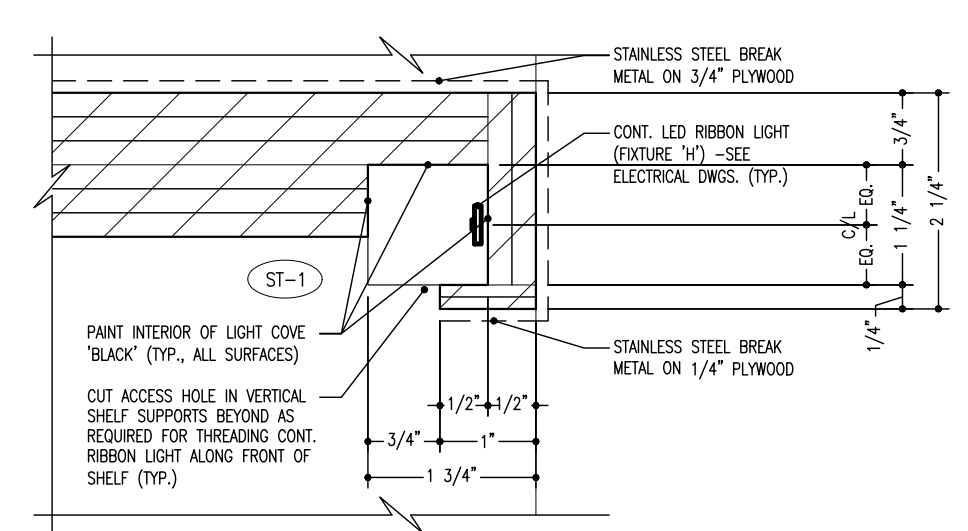
C1 ACCESSIBLE BAR SEATING ISOMETRIC
SCALE: N.T.S.



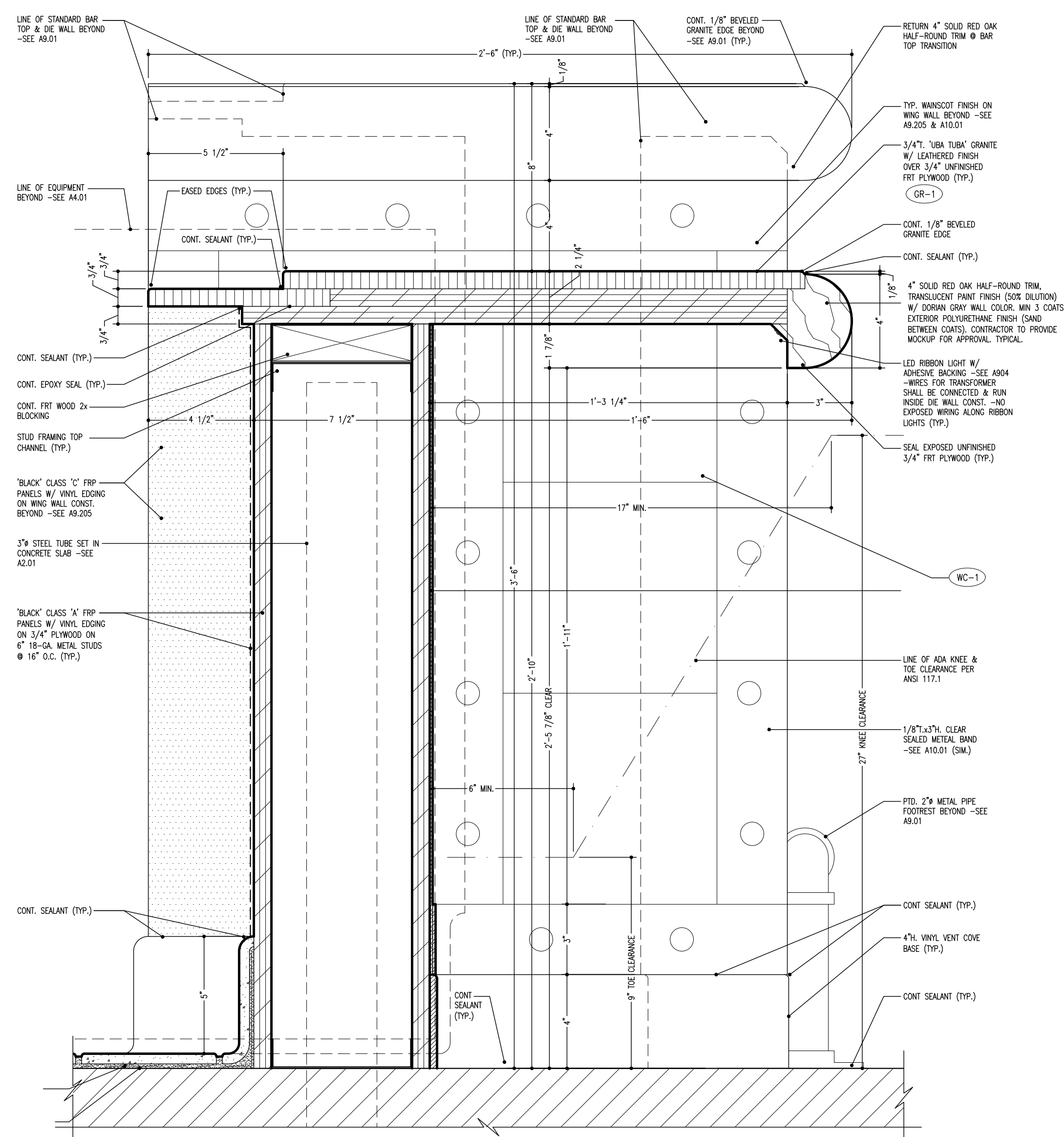
D3 SODA GUN HOLSTER SUPPORT DETAIL
SCALE: N.T.S.



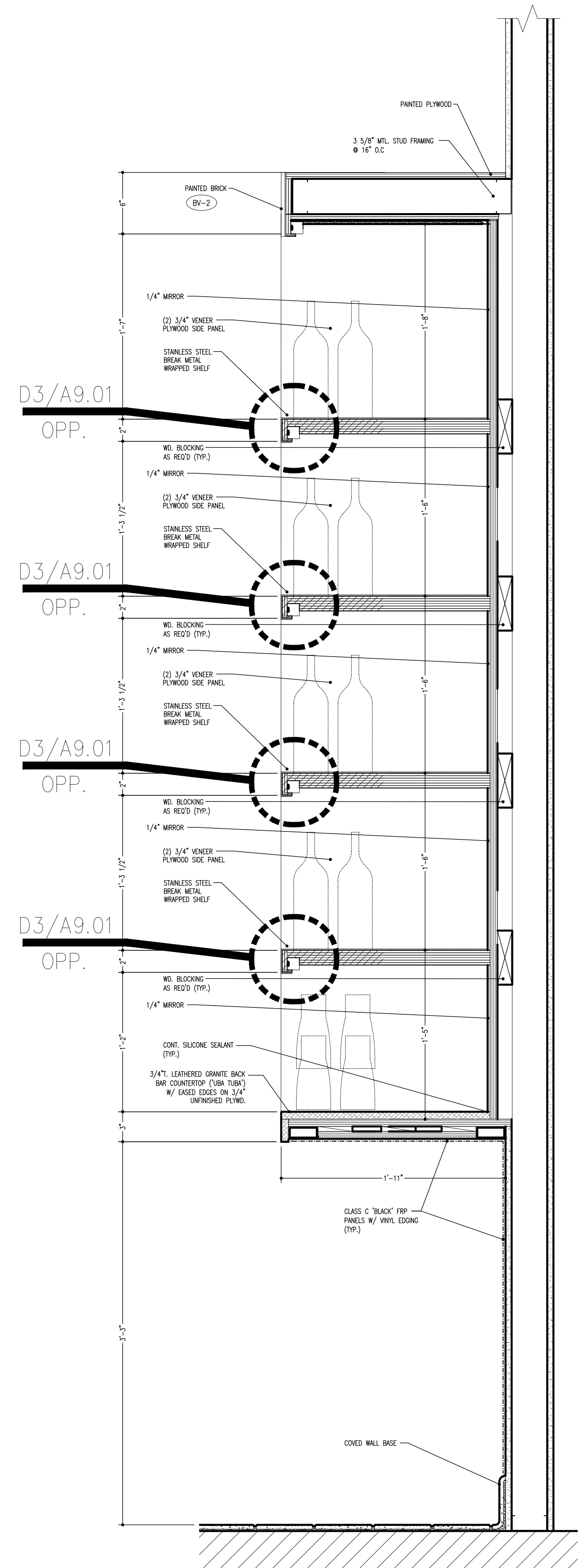
D4 BAR CORNER DETAIL
SCALE: N.T.S.



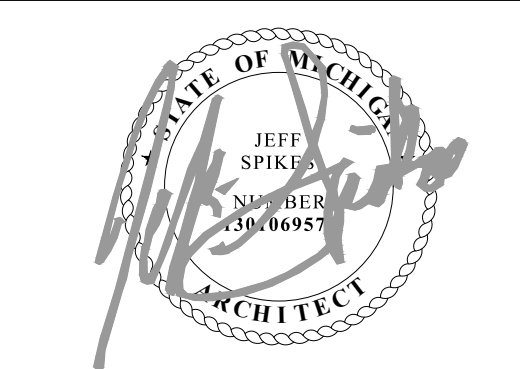
C4 SHELF EDGE DETAIL
SCALE: N.T.S.



A3 ACCESSIBLE BAR SEATING SECTION
SCALE: 3/8"=1'-0"



A6 BACK BAR WALL SECTION
SCALE: 1 1/2"=1'-0"



COPYRIGHT
THESE DOCUMENTS ARE PROTECTED BY UNITED STATES
COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY
FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR
USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION
WITHOUT THE EXPRESS WRITTEN APPROVAL AND
PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF
THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT.
ALL RIGHTS ARE RESERVED TO ARCHITECTURE.

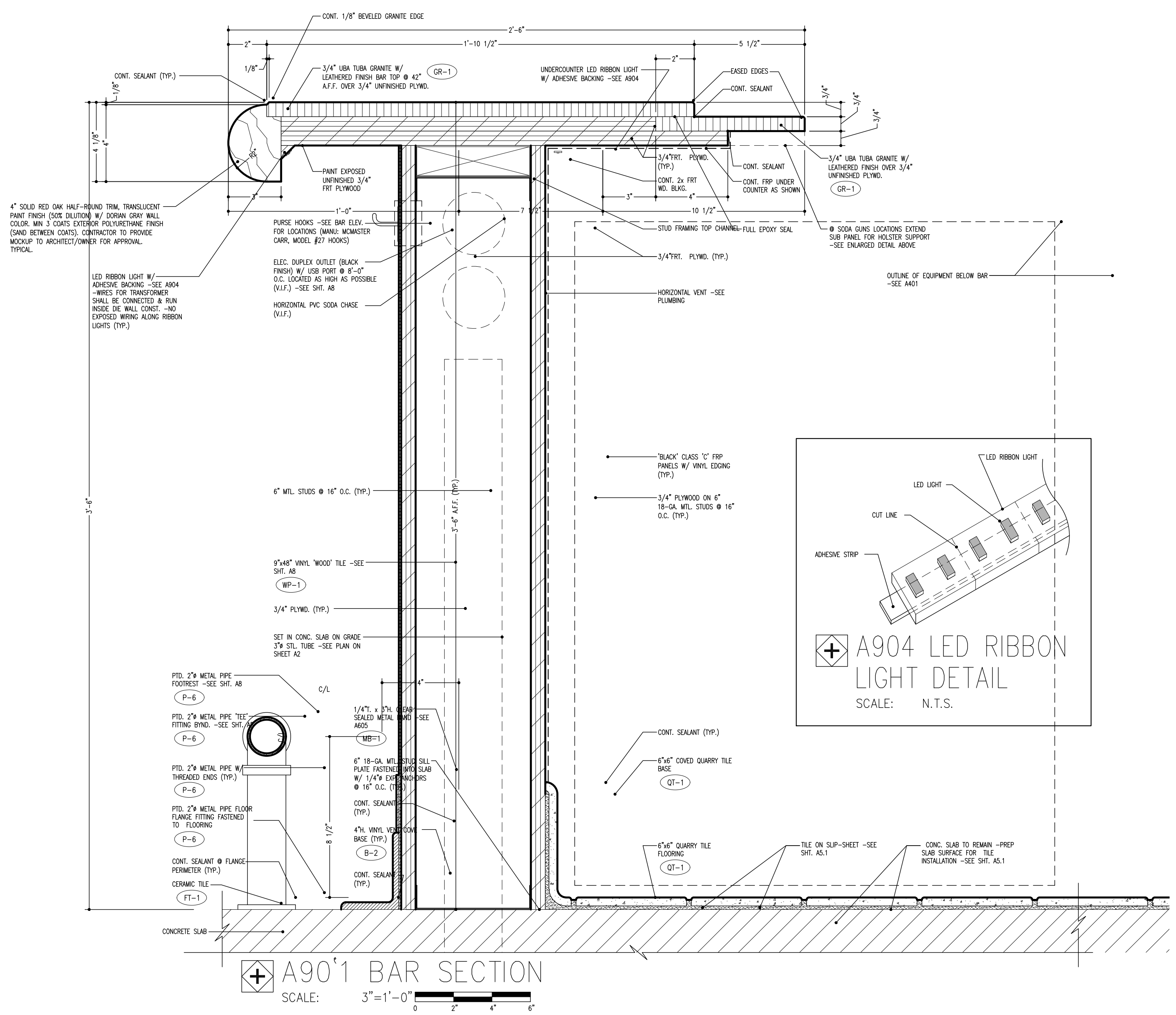
REVISIONS	PROJECT NO:
NO. DATE	IA 2119
	SHEET
	A9.01

D

C

B

A



SMOKEY BONES
UTICA, MI

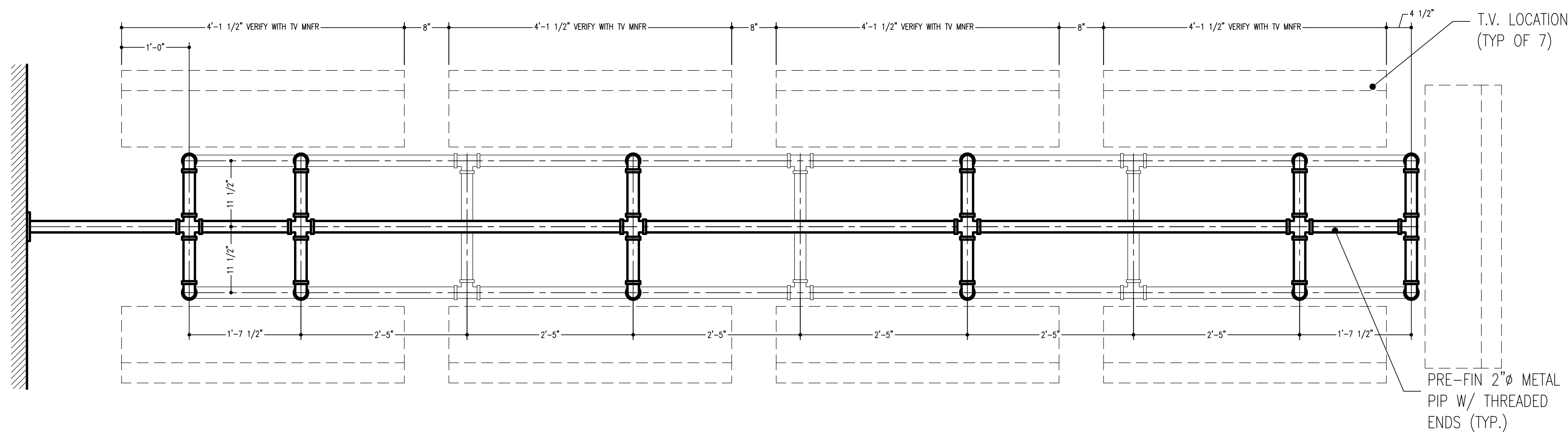


COPYRIGHT
THESE DOCUMENTS ARE PROTECTED BY UNITED STATES COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT. ALL RIGHTS ARE RESERVED TO IA ARCHITECTURE.

BAR
SECTIONS
AND DETAILS

REVISIONS	PROJECT NO:
NO. DATE	IA 2119
	SHEET
	A9.02

D
C
B
A



D1 TRELLIS PLAN
SCALE: 3/4"=1'-0"

SMOKEY BONES
UTICA, MI



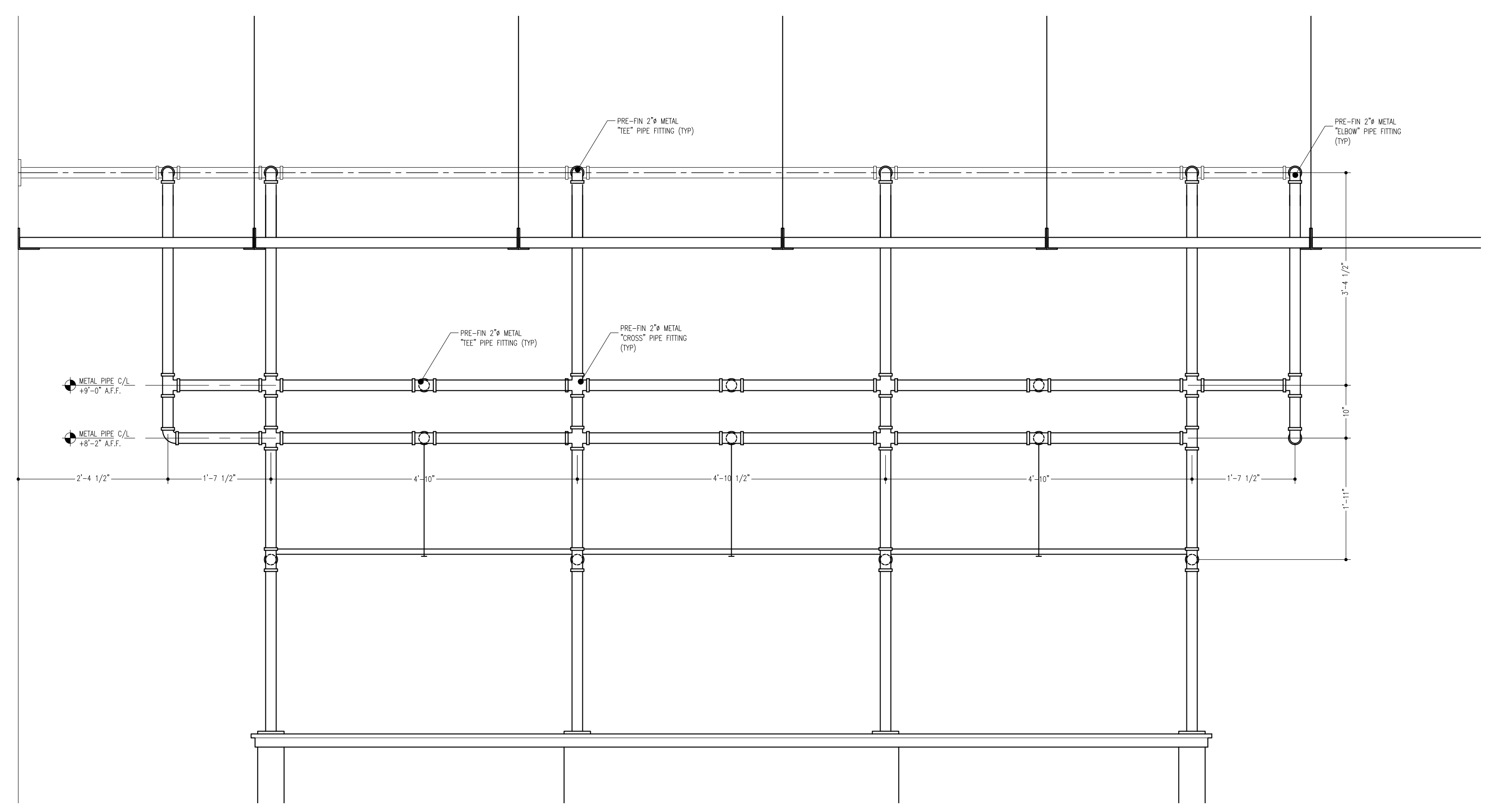
COPYRIGHT
THESE DOCUMENTS ARE PROTECTED BY UNITED STATES
COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY
FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR
USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION
WITHOUT THE EXPRESS WRITTEN APPROVAL AND
PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF
THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT.
ALL RIGHTS ARE RESERVED TO ARCHITECTURE.

BAR TRELLIS
PLAN

REVISIONS	PROJECT NO:
NO. DATE	IA 2119
	SHEET
	A9.03

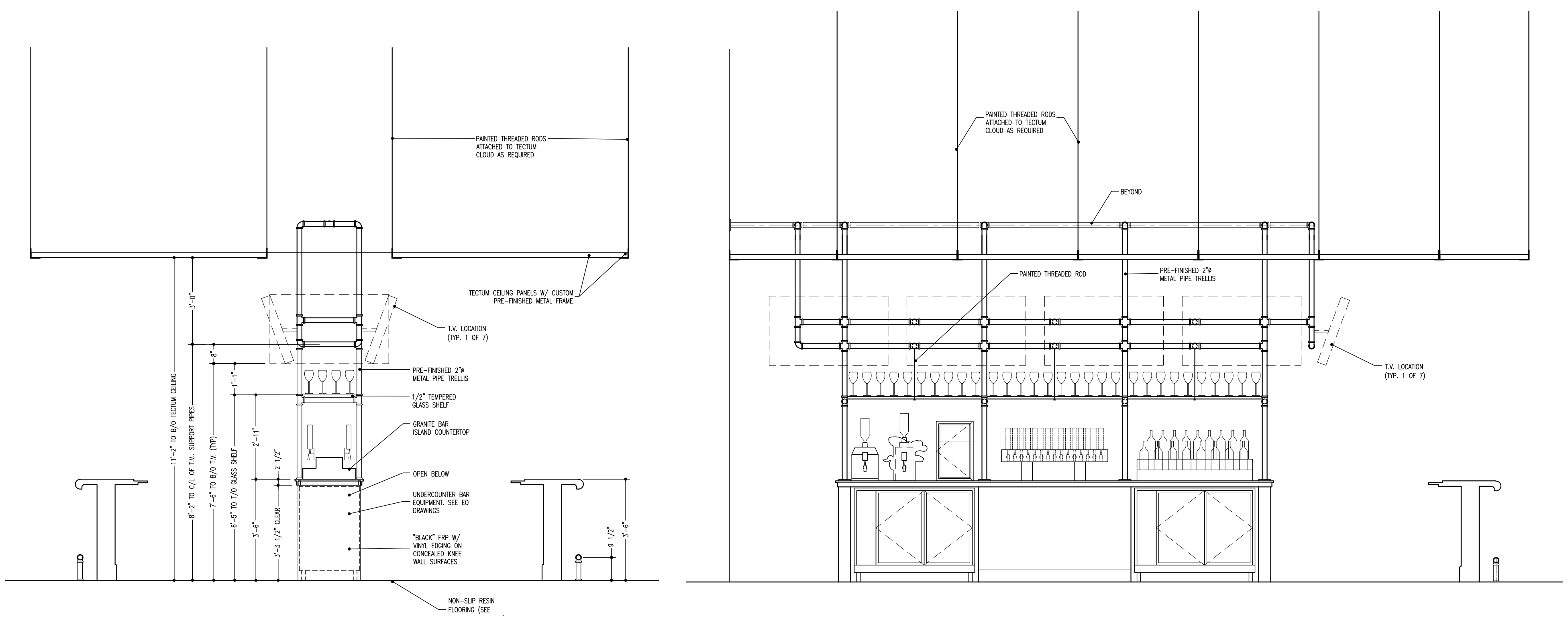
D

C



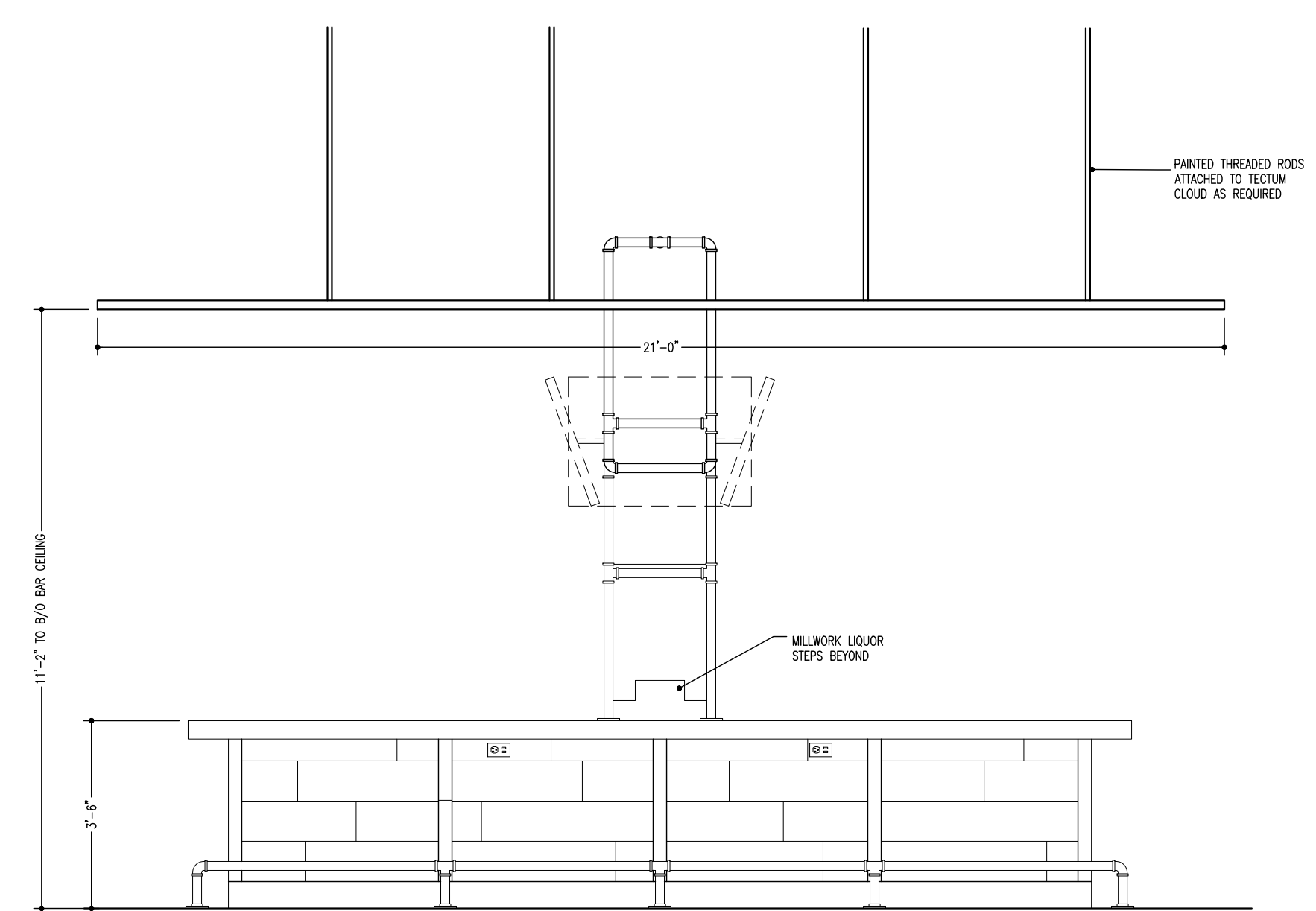
C1 TRELLIS SIDE ELEVATION
SCALE: 3/4"=1'-0"

B



A1 BAR SECTION
SCALE: 3/8"=1'-0"

B3 BAR ISLAND ELEVATION
SCALE: 3/8"=1'-0"



B5 BAR FRONT ELEVATION
SCALE: 3/8"=1'-0"

A

SMOKEY BONES
UTICA, MI



COPYRIGHT
THESE DOCUMENTS ARE PROTECTED BY UNITED STATES
COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY
FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR
USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION
WITHOUT THE EXPRESS WRITTEN APPROVAL AND
PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF
THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT.
ALL RIGHTS ARE RESERVED TO iARCHITECTURE.

**BAR TRELLIS
DETAILS**

REVISIONS	PROJECT NO:
NO. DATE	IA 2119
	SHEET
	A9.04

CONCRETE

- CONCRETE IS NORMAL WEIGHT AND SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH OF AT 28 DAYS:
 - FOUNDATIONS: 3000 PSI
- CONCRETE BAR REINFORCEMENT SHALL BE NEW BILLET STEEL CONFORMING TO ASTM A615 (60,000 PSI YIELD).
- WELDED WIRE REINFORCEMENT SHALL CONFORM TO ASTM A-185, AND SHALL BE FURNISHED AND PLACED IN FLAT SHEETS.
- UNLESS OTHERWISE NOTED, CONCRETE WORK SHALL CONFORM TO THE ACI STANDARD "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE" (ACI 318-14) AND THE ACI "DETAILING MANUAL" (SP-66 2004 EDITION).
- MINIMUM CONCRETE COVER SHALL BE (UNLESS OTHERWISE NOTED):
 - UNFORMED SURFACES IN CONTACT WITH GROUND (FOOTING BOTTOMS): 3"
 - FORMED SURFACES IN CONTACT WITH GROUND OR EXPOSED TO THE WEATHER (GRADE BEAMS, WALLS, ETC.): 2"
 - IN ALL CASES, CLEARANCE NOT LESS THAN THE DIAMETER OF THE BARS.

NOTE: MAXIMUM DEVIATION FROM THESE REQUIREMENTS SHALL BE +1/4" FOR SECTIONS TEN (10) INCHES OR LESS AND +1/2" FOR SECTIONS OVER TEN (10) INCHES THICK.

STRUCTURAL STABILITY

- STRUCTURAL STABILITY IS DEPENDENT ON A FULLY COMPLETED STRUCTURE.
- THE FULLY COMPLETED STRUCTURE IS DESIGNED TO BE STABLE AND TO RESIST THE CODE PRESCRIBED LATERAL AND GRAVITY FORCES.
 - "FULLY COMPLETE" INCLUDES, BUT IS NOT LIMITED TO:
 - BEAMS, COLUMNS IN PLACE AND ARE CONNECTED AS REQUIRED ON THE CONTRACT DOCUMENTS.
- THE CONTRACTOR IS RESPONSIBLE FOR THE STABILITY OF THE STRUCTURE IN ITS INCOMPLETE STAGE, INCLUDING BUT NOT LIMITED TO:
 - DETERMINING ERECTION AND PLACING PROCEDURES.
 - DESIGNING AND PROVIDING TEMPORARY SUPPORTS, SUCH AS TEMPORARY SHORING, BRACING, GUYS AND TIE-DOWNS.
 - DESIGNING AND PROVIDING SEI/ASCE 37-14, "DESIGN LOADS ON STRUCTURES DURING CONSTRUCTION" AS A REFERENCE TO DETERMINE LOADS FOR TEMPORARY SUPPORTS.

STRUCTURAL STEEL

- SHOP DETAILS, FABRICATION AND ERECTION OF STRUCTURAL STEEL SHALL CONFORM TO THE REQUIREMENTS OF CURRENT AISC "SPECIFICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS", AISC "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES", AND AISC "DETAILING FOR STEEL CONSTRUCTION".
- STRUCTURAL STEEL SHALL CONFORM TO THE YIELD STRENGTH (F_y) LISTED BELOW:
 - W, WT SHAPES: 50 KSI
 - HSS SQUARE AND RECTANGULAR: 46 KSI
 - HSS ROUND: 42 KSI
 - ALL OTHER PLATES AND SHAPES, U.O.N.: 36 KSI
- ANCHOR RODS SHALL BE ASTM F-1554 GRADE 36 U.O.N.
- HIGH STRENGTH BOLTS SHALL CONFORM TO "GROUP A" OR "GROUP B" U.O.N. AS OUTLINED BY AISC AND THE RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS.
- ANCHOR RODS, BASE PLATES OR BEARING PLATES SHALL BE LOCATED AND BUILT INTO CONNECTING WORK, PRE-SET BY TEMPLATES OR SIMILAR METHOD. PLATES SHALL BE SET IN FULL BEDS OF NON-SHRINK MORTAR OR GROUT.
- WELDING SHALL BE DONE WITH APPROPRIATE E70 SERIES ELECTRODES COMPATIBLE WITH THE NEW AND EXISTING STEEL AND SHALL CONFORM TO THE REQUIREMENTS OF THE "CODE FOR WELDING IN BUILDING CONSTRUCTION" OF THE AMERICAN WELDING SOCIETY.
- NO FIELD MODIFICATION TO THE FABRICATED MEMBER OR CONNECTION IS ALLOWED WITHOUT PRIOR APPROVAL BY THE STRUCTURAL ENGINEER OF THE CONTRACTOR'S SKETCHES OR SHOP DRAWINGS REFLECTING THESE MODIFICATIONS.
- ANGLES ASSUMED LONG LEG VERTICAL (LLV) UNLESS OTHERWISE NOTED.
- THE CONTRACTOR IS RESPONSIBLE FOR THE ERECTION SAFETY OF STEEL CONNECTIONS, INCLUDING BUT NOT LIMITED TO: CONFIGURATION, SEQUENCE, USE OF: BLOCKING, EXTENDED CLIP ANGLES, CLAMPS, ETC.

STATEMENT OF DESIGN CERTIFICATION

- THESE CONSTRUCTION DOCUMENTS WERE PREPARED FOR COMPLIANCE WITH THE 2015 MICHIGAN BUILDING CODE AND ADOPTED DESIGN REFERENCE STANDARDS IN EFFECT AT THE TIME OF PERMIT SUBMITTAL.
 - I HEREBY CERTIFY THE STRUCTURAL DESIGN AND DOCUMENTATION CONTAINED HEREIN WAS PREPARED UNDER MY DIRECT SUPERVISION AS A REGISTERED DESIGN PROFESSIONAL LICENSED IN THE STATE OF MICHIGAN.
- DESIGN PROFESSIONAL IN RESPONSIBLE CHARGE: LAWRENCE E. LESNIAK, PE
STATE OF MICHIGAN PROFESSIONAL ENGINEERING LICENSE NO: 6201037736
LICENSE EXPIRATION DATE: APRIL 30, 2023

STATEMENT OF SPECIAL INSPECTION

- GENERAL
 - THIS STATEMENT OF INSPECTIONS IS SUBMITTED AS A CONDITION FOR PERMIT ISSUANCE IN ACCORDANCE WITH THE SPECIAL INSPECTION REQUIREMENTS OF THE 2015 MICHIGAN BUILDING CODE.
 - REFERENCE SPECIFICATION SECTION "SPECIAL INSPECTIONS & TESTING" AND DRAWING SHEET SG-02.

SPECIAL INSPECTIONS & TESTING

- THE FOLLOWING ITEMS REQUIRE TESTING AND/OR INSPECTION IN ACCORDANCE WITH THE STATEMENT OF SPECIAL INSPECTION, SPECIAL INSPECTION MATRIX LOCATED ON DRAWING SHEET SG-02 AND SPECIFICATIONS.
 - CAST-IN-PLACE CONCRETE
 - SOILS AND EARTHWORK
 - STEEL CONSTRUCTION

SHOP DRAWINGS & SUBMITTALS

- PROVIDE THE FOLLOWING SHOP DRAWINGS AND SUBMITTALS FOR REVIEW TO THE STRUCTURAL ENGINEER:
 - TESTING AND INSPECTION REPORTS IN ACCORDANCE WITH PROJECT REQUIREMENTS FOR SPECIAL INSPECTIONS AND TESTING
 - CONCRETE FOUNDATIONS AND REINFORCING SHOP DRAWINGS
 - COLUMN ANCHOR BOLT SHOP DRAWINGS
 - STRUCTURAL STEEL SHOP DRAWINGS

GENERAL

- THE STRUCTURAL DRAWINGS SHOW A PORTION OF THE WORK TO BE PERFORMED BY THE CONTRACTOR.
- THESE NOTES ARE COMPLEMENTARY TO THE SPECIFICATIONS AND SHALL BE USED IN CONJUNCTION WITH THE SPECIFICATIONS.
- SPECIFICATIONS AND DRAWINGS SHALL BE EQUAL IN AUTHORITY AND PRIORITY. SHOULD THE SPECIFICATIONS AND DRAWINGS DISAGREE IN THEMSELVES, OR WITH EACH OTHER, CONSTRUCTION SHALL BE BASED ON THE MOST STRINGENT. THE WORK REQUIRED TO BE CONSTRUCTED BY THE DOCUMENTS SHALL BE DECIDED BY THE STRUCTURAL ENGINEER IN THE EVENT OF THE ABOVE MENTIONED DISAGREEMENTS.
- VERIFY THE SIZES, LOCATIONS, ELEVATIONS AND DETAILS OF EXISTING CONDITIONS THAT AFFECT THE WORK. INFORM THE STRUCTURAL ENGINEER OF ANY DISCREPANCIES IN DIMENSIONS, SIZES, LOCATIONS, AND CONDITIONS. PROCEEDING WITH WORK ONLY AFTER DISCREPANCIES ARE RESOLVED.
- PROVIDE SHORING, BRACING, UNDERPINNING, AND ANY OTHER MEANS REQUIRED TO PROTECT AND MAINTAIN THE SAFETY, INTEGRITY AND STABILITY OF ALL EXISTING AND NEW CONSTRUCTION.
- THE CONTRACTOR SHALL FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS AT THE SITE, INCLUDING UTILITIES, SERVICES, ETC., AND SHALL BE FULLY RESPONSIBLE FOR ANY DAMAGE HE CAUSES TO THE PROPERTY, EXISTING AND NEW CONSTRUCTION, AND FOR ANY UNAUTHORIZED DISRUPTIONS TO THE OWNER'S NORMAL USE OF UTILITIES, SERVICES AND THE SURROUNDING FACILITIES.
- CONTRACTOR SHALL OBTAIN APPROVAL OF THE STRUCTURAL ENGINEER PRIOR TO PLACING OPENINGS OR SLEEVES NOT SHOWN ON DRAWINGS THROUGH ANY STRUCTURAL MEMBERS.
- TYPICAL DETAILS APPLY TO ALL DRAWINGS AND SHALL BE USED EXCEPT WHERE OTHERWISE SHOWN OR NOTED.

FOUNDATIONS

- THE FOUNDATION DESIGN IS BASED ON A SOIL BEARING CAPACITY OF 1,500 PSF.
- FOOTINGS SHALL BE CARRIED DOWN TO UNDISTURBED SOIL HAVING A MINIMUM NET ALLOWABLE BEARING CAPACITY OF 1,500 POUNDS PER SQUARE FOOT AT MINIMUM DEPTHS NECESSARY TO ACHIEVE FROST PROTECTION.
- REQUIRED SITE DEMO AND EARTHWORK
 - INSPECT EXPOSED SUBGRADE WITH GEOTECHNICAL ENGINEER TO DETERMINE ITS SUITABILITY IN PLACE.
 - NO FOOTINGS SHALL BE PLACED IN WATER.
- FINISHED EXCAVATIONS AND BEARING GRADES SHALL BE INSPECTED AND APPROVED BY THE GEOTECHNICAL INSPECTION AGENCY BEFORE ANY CONCRETE IS PLACED.
- THE EXPOSED SUBGRADE SOILS ARE SENSITIVE TO DISTURBANCE. CONSTRUCTION TRAFFIC OVER EXPOSED FOUNDATION SUBGRADES SHALL BE AVOIDED.

STRUCTURAL DESIGN LOADS

- DESIGN CODE: MICHIGAN BUILDING CODE 2015
DESIGN LOAD COMBINATIONS: PER ASCE 7-10 SECTION 2.3 & 2.4 & MBC SECTION 1605
- ROOF LIVE LOADS (UNFACTORED)
 - GROUND SNOW LOAD, "P_s": 25 PSF
 - MINIMUM FLAT ROOF DESIGN SNOW LOAD: 20 PSF
 - RISK CATEGORY: II
 - SNOW EXPOSURE FACTOR, "C_e": 1.00
 - SNOW THERMAL FACTOR, "C_t": 1.00
 - SNOW LOAD IMPORTANCE FACTOR, "I_s": 1.00
- LIVE LOAD DEFLECTION
 - ROOF MEMBERS HAVE BEEN DESIGNED TO ACCOMMODATE A LIVE LOAD DEFLECTION OF (FACADE ATTACHMENTS INCLUDING, BUT NOT LIMITED TO, ALUMINUM STOREFRONT AND ALUMINUM CURTAIN WALL SYSTEMS SHALL BE DESIGNED TO ACCOMMODATE DEFLECTION OF THE PRIMARY STRUCTURE AS OUTLINED ABOVE): L/360
- SUPERIMPOSED DEAD LOADS (UNFACTORED)
 - TYPICAL ROOF: 15 PSF
 - ROOFING ASSEMBLY
- ULTIMATE DESIGN WIND LOAD
 - LATERAL LOAD CAPACITY OF THE STRUCTURAL WAS NOT AFFECTED BY THE COLUMN RELOCATION.
- SEISMIC LOADS
 - LATERAL LOAD CAPACITY OF THE STRUCTURAL WAS NOT AFFECTED BY THE COLUMN RELOCATION

STRUCTURAL DRAWING INDEX	
SHEET NUMBER	SHEET NAME
SG-01	General Notes
SG-02	Special Inspections & Testing
SG-03	Specifications
SP-01	Foundation Plan
SP-02	Roof Framing Plan
SS-01	Sections

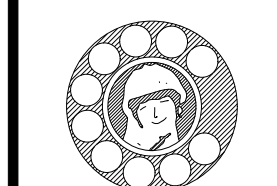
General Notes

SMOKEY BONES
45011 SCHOENHERR
UTICA, MI 48315



EFI FILE NUMBER
016.03857

PROFESSIONAL ARCHITECTS
PROFESSIONAL ENGINEERS
PROFESSIONAL SURVEYORS
ZEEB GROUP, INC.
2255 PLYMOUTH AVE
ANN ARBOR, MI 48106
(586) 772-2222 PHONE
(586) 772-4048 FAX



72 HOURS
(3 WORKING DAYS)
BEFORE YOU DIG
CALL MISS DIG
800-482-7171
(TOLL FREE)



DRAWN BY: L. LESNIAK
SCALE: AS NOTED
DATE: 10/25/2021
PROJECT NO: 21-02333

SHEET NO:
SG-01

STRUCTURAL STEEL SPECIFICATIONS CONTINUED

- 12. SHOP FABRICATION AND ASSEMBLY:
a. FABRICATE AND ASSEMBLE STRUCTURAL ASSEMBLIES IN SHOP TO GREATEST EXTENT POSSIBLE...
b. BOLTED CONNECTIONS:
1) INSTALL THREADED FASTENERS IN ACCORDANCE WITH AISC "SPECIFICATIONS"...
2) FOR STRUCTURAL JOINTS USING ASTM A 325 OR A 490 BOLTS...
3) CUT, DRILL, OR PUNCH HOLES PERPENDICULAR TO METAL SURFACES...
c. WELDED CONNECTIONS:
1) COMPLY WITH AWS CODE FOR PROCEDURES, APPEARANCE AND QUALITY OF WELDS...
2) NO WELDS SHALL BE APPLIED TO FLANGES OF TENSION MEMBERS...
3) TURN SIDE AND END FILLET WELDS AROUND CORNERS FOR A MINIMUM LENGTH OF TWICE THE NOMINAL SIZE OF THE WELD...
4) PARTS TO BE JOINED SHALL BE BROUGHT INTO CONTACT AS CLOSE AS POSSIBLE...
5) MATERIAL THICKER THAN 3/4 INCH SHALL BE PREHEATED BEFORE WELDING PER THE REQUIREMENTS OF THE AMERICAN WELDING SOCIETY.

- 13. SHOP PAINTING
a. IN GENERAL, STRUCTURAL STEEL IS COVERED WITH PAINT OR FIREPROOFING.
b. DO NOT PAINT THE FOLLOWING SURFACES:
1) TO RECEIVE FIREPROOFING.
2) TO BE WELDED.
3) TOP OF TOP FLANGES OF COMPOSITE BEAMS TO RECEIVE SHEAR CONNECTORS.
c. CLEANING AND PREPARATION:
1) AFTER INSPECTION AND BEFORE SHIPPING, CLEAN STEEL WORK, PAINTED OR UNPAINTED. REMOVE LOOSE RUST, LOOSE MILL SCALE, AND SPATTER, SLAG, OR FLUX DEPOSITS.
2) IF FOR ANY REASON ANY SURFACE TO RECEIVE FIELD WELDS OR SLIP CRITICAL BOLTS IS PAINTED, REMOVE SUCH PAINT COMPLETELY TO WITHIN STATED LIMITS BEFORE FIELD WELDING OR BOLTING.

- 14. TEMPORARY BRACING:
a. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE DESIGN, STRENGTH, SAFETY AND ADEQUACY OF ALL TEMPORARY BRACING AND ALL METHODS OF CONSTRUCTION...
b. PROVIDE TEMPORARY SHORING AND BRACING MEMBERS WITH CONNECTIONS OF SUFFICIENT STRENGTH TO BEAR IMPOSED LOADS.
c. PROVIDE TEMPORARY GUY LINES TO ACHIEVE PROPER ALIGNMENT OF STRUCTURES AS ERECTION PROCEEDS.
d. REMOVE TEMPORARY MEMBERS AND CONNECTIONS AFTER PERMANENT MEMBERS ARE IN PLACE, FINAL CONNECTIONS ARE MADE, AND BASEPLATES ARE GROUDED.

- 15. FIELD WELDING: SIMILAR PROCEDURES AS FOR SHOP WELDING.
a. AT SUBFREEZING TEMPERATURES, PREHEAT ALL METAL LOCATED WITHIN 3 INCHES OF THE WELD TO A MINIMUM TEMPERATURE OF ABOUT 70 DEGREES FAHRENHEIT.
16. GAS CUTTING:
a. DO NOT USE GAS CUTTING TORCHES IN FIELD FOR CORRECTING FABRICATION ERRORS IN PRIMARY STRUCTURAL FRAMING.
17. TOUCH-UP PAINTING:
a. APPLY PAINT USING SAME MATERIAL AS USED FOR SHOP PAINTING.
b. APPLY BY BRUSH OR SPRAY TO PROVIDE A MINIMUM DRY FILM THICKNESS OF 2.0 MILS

STRUCTURAL STEEL SPECIFICATIONS

- 1. SUBMIT CHECKED SHOP DRAWINGS FOR FABRICATION AND ASSEMBLY OF STRUCTURAL STEEL MEMBERS...
a. INCLUDE DETAILS OF CUTS, CONNECTIONS, CAMBER, HOLES, SURFACE PREP, SHOP FINISH (PAINT/GALV.) AND OTHER PERTINENT DATA.
b. INDICATE WELDS BY STANDARD AWS SYMBOLS, AND SHOW SIZE, LENGTH, AND TYPE OF EACH WELD.
c. CONTRACTOR SHALL PROVIDE ELECTRONIC VERSION IN PDF FORMAT.
2. CODES AND STANDARDS: COMPLY WITH PROVISIONS OF FOLLOWING, EXCEPT AS OTHERWISE INDICATED:
a. AISC "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES".
b. AISC "SPECIFICATIONS FOR THE DESIGN, FABRICATION, AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS".
c. AISC "SPECIFICATIONS FOR STRUCTURAL JOINTS USING ASTM A 325 OR A 490 BOLTS".
d. AWS D1.1 "STRUCTURAL WELDING CODE".
e. ASTM A 6 "GENERAL REQUIREMENTS FOR DELIVERY OF ROLLED STEEL PLATES, SHAPES, SHEET PILING AND BARS FOR STRUCTURAL USE".
f. TO THE EXTENT THAT ANY PROVISIONS CONTAINED IN ANY OF THE AFOREMENTIONED CODES AND STANDARDS CONFLICT WITH ANY OTHER TERMS, REQUIREMENTS OR DEFINITIONS CONTAINED IN THE CONTRACT DOCUMENTS...
3. QUALIFICATIONS FOR WELDING WORK:
a. QUALIFY WELDING PROCESSES AND WELDING OPERATORS IN ACCORDANCE WITH AWS "STANDARD QUALIFICATION PROCEDURE".
b. PROVIDE CERTIFICATION THAT WELDERS TO BE EMPLOYED IN WORK HAVE SATISFACTORILY PASSED AWS QUALIFICATION TESTS.
c. IF RECERTIFICATION OF WELDERS IS REQUIRED, RETESTING WILL BE CONTRACTOR'S RESPONSIBILITY.
4. SUPPLY ANCHOR BOLTS, BEARING PLATES AND OTHER ANCHORAGE ITEMS TO BE EMBEDDED IN OR ATTACHED TO OTHER CONSTRUCTION...
5. DELIVERY, STORAGE, AND HANDLING:
a. PROVIDE ACCESS TO PERMIT EASY ACCESS FOR INSPECTION AND IDENTIFICATION.
b. DO NOT STORE MATERIALS ON STRUCTURE IN A MANNER THAT MIGHT CAUSE DISTORTION OR DAMAGE TO MEMBERS OR SUPPORTING STRUCTURES.
c. PROTECT STEEL MEMBERS AND PACKAGED MATERIALS FROM EROSION AND DETERIORATION.
6. TUBULAR SECTIONS, (HSS ROUND, HSS RECTANGULAR) SHALL BE MANUFACTURED IN USA OR CANADA.
7. ELECTRODES FOR WELDING: COMPLY WITH AWS CODE.
a. FOR HIGH-STRENGTH LOW-ALLOY STEEL AND EXISTING STEEL, PROVIDE ELECTRODES, WELDING RODS AND FILLER METALS EQUAL IN STRENGTH AND COMPATIBLE IN APPEARANCE WITH PARENT METAL JOINED.
b. COMPLY WITH AWS REQUIREMENTS.
8. ANCHOR RODS:
a. ASTM F1554 HEX-HEADED BOLT AND CARBON-STEEL NUT.
9. PAINT - SHOP PRIMER:
a. PAINT FOR SHOP PRIMER SHALL BE VOC COMPLIANT, BE LEAD AND CHROMATE FREE.
b. COLOR: WHITE OR LIGHT GRAY.
c. PRODUCTS/MANUFACTURERS: PROVIDE ONE OF THE FOLLOWING:
a) #10-99 PRIMERTNEMEC
b) KEM KROMIK B50 NZ6/SHERWIN WILLIAMS
c) 960/RUSTOLEUM

- 10. NONMETALLIC SHRINKAGE-RESISTANT GROUT: PREMIXED, NONMETALLIC, NONCORROSIVE, NONSTAINING PRODUCT CONTAINING SELECTED SILICA SANDS, PORTLAND CEMENT, SHRINKAGE COMPENSATING AGENTS, PLASTICIZING AND WATER-REDUCING AGENTS...
11. CONCRETE SEALING:
a) INTERIOR INTERIOR CONCRETE SLABS SHALL BE SEALED WITH INTERIOR SLAB SEALER COMPLIANT WITH MATERIAL REQUIREMENTS INDICATED IN SECTION "MATERIALS".
b) PREPARE CONCRETE SURFACE AND APPLY CONCRETE SEALER IN ACCORDANCE WITH MANUFACTURERS REQUIREMENTS FOR APPROVED SLAB SEALER.
13. SAMPLING AND TESTING: IN ACCORDANCE WITH THE STATEMENT OF SPECIAL INSPECTION AND TESTING.

CONCRETE SPECIFICATIONS CONTINUED

- 7. CONCRETE REINFORCEMENT:
a) REINFORCEMENT SHALL BE ACCURATELY FABRICATED TO DIMENSIONS ON THE APPROVED SHOP DRAWINGS, DETAILS AND SCHEDULES.
b) REINFORCEMENT SHALL BE BENT COLD AND SHALL NOT BE HEATED FOR ANY PURPOSE.
c) REINFORCING SHALL BE ACCURATELY PLACED AND RIGIDLY SECURED IN POSITION IN ACCORDANCE WITH THE CRSI REQUIREMENTS FOR RECOMMENDED PRACTICE FOR PLACING REINFORCING BARS AND RECOMMENDED PRACTICE FOR PLACING BAR SUPPORTS.
8. CONCRETE PLACEMENT
a) GENERAL:
1) CONCRETING SHALL NOT BE CONTINUED WHEN THE AIR TEMPERATURE IS BELOW 45 DEGREES F.
2) NO CONCRETE SHALL BE PLACED ON FROZEN SUBGRADE.
3) COMPLY WITH ACI 304, "RECOMMENDED PRACTICE FOR MEASURING, MIXING, TRANSPORTING, AND PLACING CONCRETE."
4) ADDITION OF WATER AFTER THE BATCH WILL NOT BE PERMITTED.
a. INCREASE SLUMP FOR WORKABILITY BY ADDING WATER REDUCING ADMIXTURES.
5) DEPOSIT CONCRETE CONTINUOUSLY OR IN LAYERS OF SUCH THICKNESS THAT NO CONCRETE WILL BE PLACED ON CONCRETE THAT HAS HARDENED SUFFICIENTLY TO CAUSE THE FORMATION OF SEAMS OR PLANES OF WEAKNESS.
b) PLACING CONCRETE:
1) DO NOT PLACE CONCRETE ON SURFACES CONTAINING WATER.
2) DEPOSIT CONCRETE IN A MANNER TO AVOID INCLINED CONSTRUCTION JOINTS.
3) CONCRETE SHALL HAVE AN UNRESTRICTED FREE VERTICAL DROP.
4) CONSOLIDATION: CONSOLIDATE CONCRETE BY MECHANICAL VIBRATING EQUIPMENT SUPPLEMENTED BY HAND SPADING, RODDING OR TAMPING.
5) MAINTAIN REINFORCING IN PROPER POSITION DURING CONCRETE PLACEMENT.
9. FORMED CONCRETE FINISHING:
a) ROUGH FORM FINISH:
1) REPAIR AND PATCH DEFECTIVE AREAS.
10. CONCRETE CURING AND PROTECTION:
a) GENERAL:
1) PROTECT FRESHLY PLACED CONCRETE FROM PREMATURE DRYING AND AGAINST INJURY FROM HEAT, COLD AND DEFACEMEN OF ANY NATURE DURING CONSTRUCTION OPERATIONS.
2) START INITIAL CURING AS SOON AS FREE WATER HAS DISAPPEARED FROM CONCRETE SURFACE AFTER PLACING AND FINISHING.
3) CURING SHALL BE IN ACCORDANCE WITH ACI 301 PROCEDURES.
b) CURING METHODS:
1) PERFORM CURING OF CONCRETE BY ONE OF THE FOLLOWING METHODS:
a. MOIST CURING.
b. MOISTURE-RETAINING COVER CURING.
c. APPLICATION OF A DISSIPATING CURING COMPOUND.
c) PROVIDE MOISTURE CURING BY FOLLOWING METHODS:
1) KEEP CONCRETE SURFACE CONTINUOUSLY WET BY COVERING WITH WATER.
2) COVER CONCRETE SURFACE WITH SPECIFIED ABSORPTIVE COVER, THOROUGHLY SATURATE COVER WITH WATER, AND KEEP CONTINUOUSLY WET.
d) PROVIDE MOISTURE-RETAINING COVER CURING AS FOLLOWS:
1) COVER CONCRETE SURFACES WITH MOISTURE-RETAINING COVER FOR CURING CONCRETE, PLACED IN WIDEST PRACTICABLE WIDTH WITH SIDES AND ENDS LAPPED AT LEAST 3 INCHES AND SEALED BY WATERPROOF TAPE OR ADHESIVE.
e) PROVIDE DISSIPATING CURING COMPOUND TO INTERIOR SLABS AS FOLLOWS:
1) APPLY SPECIFIED DISSIPATING CURING COMPOUND TO CONCRETE SLAB AS SOON AS FINAL FINISHING OPERATIONS ARE COMPLETE.
11. CONCRETE SEALING:
a) INTERIOR INTERIOR CONCRETE SLABS SHALL BE SEALED WITH INTERIOR SLAB SEALER COMPLIANT WITH MATERIAL REQUIREMENTS INDICATED IN SECTION "MATERIALS".
b) PREPARE CONCRETE SURFACE AND APPLY CONCRETE SEALER IN ACCORDANCE WITH MANUFACTURERS REQUIREMENTS FOR APPROVED SLAB SEALER.

SOILS AND EARTHWORK SPECIFICATIONS CONTINUED

- 17. FIELD QUALITY CONTROL
a. ALLOW GEOTECHNICAL TESTING AGENCY TO INSPECT AND VERIFY THE SOIL BEARING CAPACITY AT EACH NEW FOOTING PRIOR TO CONCRETE PLACEMENT.
CONCRETE SPECIFICATIONS
1. CONCRETE WORK SHALL CONFORM TO THE ACI STANDARD "BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE"
2. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE DESIGN, STRENGTH, SAFETY AND ADEQUACY OF ALL FORMWORK, SHORING, BRACING AND ALL METHODS OF CONSTRUCTION...
3. ACTION SUBMITTALS:
a) SUBMIT PRODUCT DATA STEEL-REINFORCEMENT, ADMIXTURES, CURING COMPOUNDS AND/OR MATERIALS, AND CONCRETE SEALERS.
b) CONCRETE MIX DESIGN:
1) TESTING FOR MATERIAL CERTIFICATION OF COMPLIANCE WITH ASTM AND MIXOT STANDARDS SHALL BE PERFORMED NOT MORE THAN 90 DAYS FROM RECEIPT OF SUBMITTAL BY THE STRUCTURAL ENGINEER.
2) PRODUCT DATA FOR ALL MATERIALS AND ADMIXTURES USED IN PROPOSED CONCRETE MIX.
c) REINFORCEMENT SHOP DRAWINGS:
1) SUBMIT SHOP DRAWINGS FOR REINFORCEMENT, FOR FABRICATION, BENDING, AND PLACEMENT OF CONCRETE REINFORCEMENT.
4. MATERIALS:
a) REINFORCING BARS: ASTM A 615, GRADE 60, DEFORMED.
b) WELDED WIRE REINFORCING (WWR): ASTM A 1064,
1) WELDED WIRE REINFORCEMENT SHALL BE FURNISHED IN SHEETS, NOT ROLLS.
c) PORTLAND CEMENT: ASTM C 150, TYPE I.
1) USE ONLY FOR AREAS NOT TO RECEIVE AN ADHERED FINISH.
d) FLY ASH: ASTM C 618, TYPE C OR F, WITH ALKALI LESS THAN 1.5%.
2) FOR AIR ENTRAINED CONCRETE RESTRICT LOSS ON IGNITION TO LESS THAN 1.5%.
3) DO NOT USE FLY ASH IN:
a. SLABS TO RECEIVE AN ADHERED FINISH.
b. STRUCTURAL ELEMENTS EXPOSED TO VIEW.
4) FLY ASH CONTAINING AMMONIA SHALL BE MITIGATED PRIOR TO SHIPMENT TO THE CONCRETE PRODUCER.
a. DOSAGE OF MITIGATION AGENT TO BE APPROPRIATE TO AMOUNT OF AMMONIA IN FLY ASH.
5) MAXIMUM DOSAGE: 25% (BY WEIGHT) OF CEMENTITIOUS MATERIALS WHEN NO SLAG CEMENT IS USED.
e) SLAG CEMENT: ASTM C898, GRADE 100 OR 120.
1) MAXIMUM DOSAGE: 40% (BY WEIGHT) OF CEMENTITIOUS MATERIALS WHEN NO FLY-ASH IS USED.
2) DO NOT USE IN STRUCTURAL ELEMENTS EXPOSED TO VIEW.
f) NORMAL WEIGHT AGGREGATES: ASTM C 33
1) RESTRICTION: THE USE OF BLAST FURNACE SLAG AS AN AGGREGATE IS NOT PERMITTED.
g) WATER: ASTM C 1602 AND POTABLE.
h) AIR-ENTRAINING ADMIXTURE: ASTM C 260.
i) WATER-REDUCING ADMIXTURE: ASTM C 494, TYPE A.
j) HIGH-RANGE WATER-REDUCING ADMIXTURE: ASTM C494, TYPE F.
k) CONTROL JOINT FILLER NOT EXPOSED TO UV: 2 COMPONENT 100% SOLIDS COMPOUND, WITH 28 DAY SHORE A HARDNESS 90, OR SHORE D HARDNESS 50 (ASTM D 2240).
l) CONTROL JOINT FILLER EXPOSED TO UV: 2 COMPONENT POLYUREA 100% SOLIDS COMPOUND, WITH 28 DAY SHORE HARDNESS OF 80-100 (ASTM D2240).
m) VAPOR RETARDER: ASTM E 1745-09, CLASS A.
n) MOISTURE-RETAINING COVER: COMPLYING WITH ASTM C171.
o) DISSIPATING CURING COMPOUNDS: ASTM 309, TYPE 1.
p) INTERIOR SLAB SEALER: ACRYLIC, HIGH SOLIDS LIQUID SEALER COMPLYING WITH ASTM C-1315.
1) MINIMUM SOLIDS CONTENT: 20%
5. PROPORTIONING AND DESIGN OF MIXES:
a) BASIC MIX PROPORTIONS SHALL BE ESTABLISHED BY THE CONTRACTOR IN ACCORDANCE WITH ACI 211.1.
b) NORMAL-WEIGHT CONCRETE, COMPRESSIVE STRENGTH AS INDICATED IN CONCRETE GENERAL NOTES ON DRAWING SHEET SG-01.
c) FOR CONCRETE SLABS ON GRADE, PROPORTION COARSE AGGREGATE QUANTITY, FINE AGGREGATE QUANTITY, AND CEMENT QUANTITY TO PRODUCE CONCRETE MIX WITH LESS THAN 0.04% 28 DAY DRYING SHRINKAGE MEASURED IN ACCORDANCE WITH ASTM C-157.
d) ADMIXTURES:
1) USE ADMIXTURES FOR WATER REDUCTION AND SET CONTROL IN STRICT COMPLIANCE WITH MANUFACTURER'S DIRECTIONS.
2) AIR-ENTRAINING ADMIXTURES:
a. USE AIR-ENTRAINING ADMIXTURE IN EXTERIOR EXPOSED CONCRETE.
b. ADD AIR-ENTRAINING ADMIXTURE AT MANUFACTURER'S PRESCRIBED RATE TO RESULT IN CONCRETE AT POINT OF PLACEMENT HAVING TOTAL AIR CONTENT WITH A TOLERANCE OF PLUS OR MINUS 1-1/2 PERCENT FROM THE FOLLOWING: 6.0 % (SEVERE EXPOSURE) 1-1/2 MAX. AGGREGATE.
e) SLUMP LIMITS FOR NORMAL-WEIGHT CONCRETE:
1) PROPORTION AND DESIGN MIXES TO RESULT IN CONCRETE SLUMP AT POINT OF TRUCK-DISCHARGE AS FOLLOWS:
a. RAMPS, SLABS, AND SLOPING SURFACES: NOT MORE THAN 4 INCHES.
b. OTHER CONCRETE: NOT MORE THAN 5 INCHES.

SOILS AND EARTHWORK SPECIFICATIONS

- 1. THIS SECTION INCLUDES THE FOLLOWING:
a. EXCAVATION AND BACKFILL FOR FOUNDATIONS AND STRUCTURES SHOWN ON STRUCTURAL DRAWINGS.
b. THIS SECTION APPLIES TO THE BUILDING FOOTPRINT.
2. QUALITY ASSURANCE
a. CODES AND STANDARDS: PERFORM EXCAVATION WORK IN COMPLIANCE WITH APPLICABLE REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION.
3. MATERIALS:
a. SATISFACTORY SOIL MATERIALS ARE DEFINED AS THOSE COMPLYING WITH ASTM D2487 SOIL CLASSIFICATION GROUPS GW, GP, GM, SM, SW, AND SP.
b. UNSATISFACTORY SOIL MATERIALS ARE DEFINED AS THOSE COMPLYING WITH ASTM D2487 SOIL CLASSIFICATION GROUPS GC, SC, ML, MH, CH, CL, OH, AND PT.
c. UNSATISFACTORY SOILS ALSO INCLUDE SATISFACTORY SOILS NOT MAINTAINED WITHIN 2 PERCENT OF OPTIMUM MOISTURE CONTENT AT TIME OF COMPACTION.
4. UNSUITABLE MATERIAL:
a. ORGANIC MATERIAL, OIL, ALKALI, CHEMICAL COMPOUNDS, ICE, SNOW, FROZEN MATERIALS, RUBBLE, RUBBISH, WOOD, AND OTHER SUBSTANCES SUBJECT TO DECOMPOSITION.
b. LOOSE NON-COMPACTED FILL, LOOSE SOIL OR OBVIOUSLY COMPRESSIVE MATERIALS.
5. WATER CONTROL:
a. PREVENT SURFACE WATER AND SUBSURFACE OR GROUND WATER FROM FLOWING INTO EXCAVATIONS AND FROM FLOODING OR IMPAIRING PROJECT SITE AND SURROUNDING PROPERTY.
b. DO NOT USE TRENCH EXCAVATIONS AS TEMPORARY DRAINAGE DITCHES.
c. DO NOT ALLOW WATER TO ACCUMULATE IN EXCAVATIONS.
d. MAINTAIN WATER TO A MINIMUM OF 2 FEET BELOW SUBGRADE LEVELS RECEIVING COMPACTION; AND IN THE CASE WHERE FOOTINGS BEAR ON SOIL, 2 FEET BELOW BOTTOM OF FOOTING.
e. PROVIDE AND MAINTAIN PUMPS, WELL POINTS, SUMPS, SUCTION AND DISCHARGE LINES, AND OTHER DEWATERING SYSTEM COMPONENTS NECESSARY TO CONVEY WATER AWAY FROM EXCAVATIONS.
6. EXCAVATIONS FOR FOOTINGS AND FOUNDATIONS:
a. DO NOT DISTURB BOTTOM OF EXCAVATION, TRIM BOTTOMS TO REQUIRED LINES AND GRADES TO LEAVE SOLID BASE TO RECEIVE OTHER WORK.
b. IF BOTTOM OF EXCAVATION IS DISTURBED, OR IF BEARING PRESSURE CANNOT BE OBTAINED:
1) EXCAVATE UNTIL BEARING STRATA IS REACHED.
2) FOR DISTURBANCE ONLY: RECOMPACT OR EXCAVATE.
7. COLD WEATHER PROTECTION:
a. PROTECT EXCAVATION BOTTOMS AGAINST FREEZING WHEN ATMOSPHERIC TEMPERATURE IS LESS THAN 35 DEGREES F.
8. EXCAVATION STABILITY:
a. COMPLY WITH LOCAL CODES, ORDINANCES, AND REQUIREMENTS OF AGENCIES HAVING JURISDICTION.
b. SLOPE SIDES OF EXCAVATIONS TO COMPLY WITH LOCAL CODES, ORDINANCES, AND REQUIREMENTS OF AGENCIES HAVING JURISDICTION. TEMPORARILY SHORE AND BRACE WHERE SLOPING IS NOT POSSIBLE BECAUSE OF SPACE RESTRICTIONS OR STABILITY OF MATERIAL EXCAVATED. MAINTAIN SIDES AND SLOPES OF EXCAVATIONS IN SAFE CONDITION UNTIL COMPLETION OF FILLING.

Specifications

SMOKEY BONES
45011 SCHONHERR
UTICA, MI 48315

efi global
Efi Global of Michigan, LLC
3825 Columbia Hwy, Suite 213 • Troy, MI, 48063
P: (313) 881-0222 • www.efiglobal.com

EFI FILE NUMBER
016.03857

PROFESSIONAL ARCHITECTS
PROFESSIONAL ENGINEERS
PROFESSIONAL SURVEYORS
ZESSO GRATIOTI IN ASSOCIATION
(586) 772-2222 PHONE
(586) 772-4048 FAX

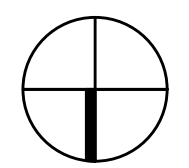
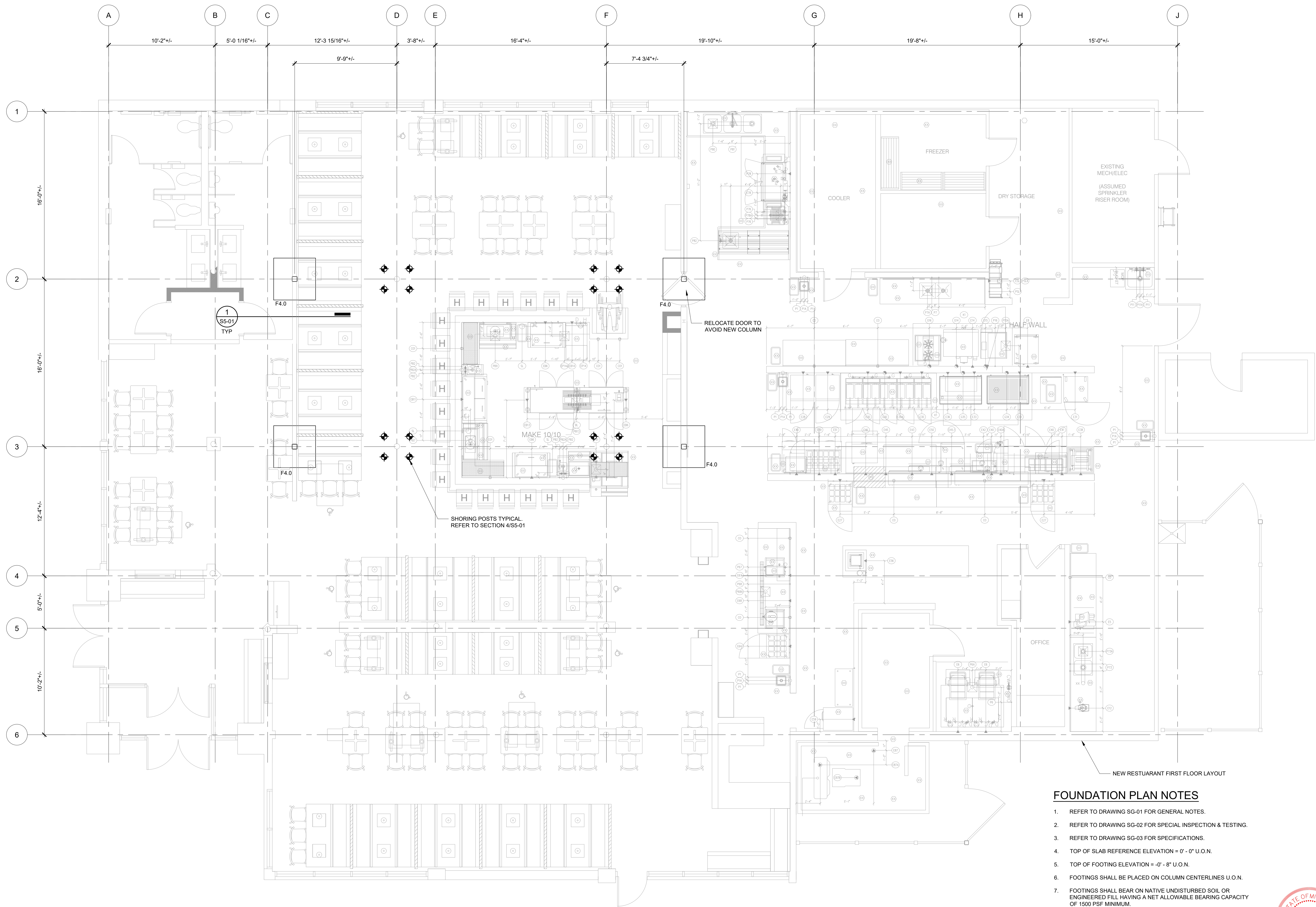
KEM-TEC & ASSOCIATES

72 HOURS
(3 WORKING DAYS)
BEFORE YOU DIG
CALL MISS DIG
800-482-7171
(TOLL FREE)

DRAWN BY: L. LESNAR
SCALE: AS NOTED
DATE: 10/25/2021
PROJECT NO:
SHEET NO: 21-02333



SHEET NO: SG-03



NEW FOUNDATION PLAN

SCALE: 1/4" = 1'-0" (24" X 36")

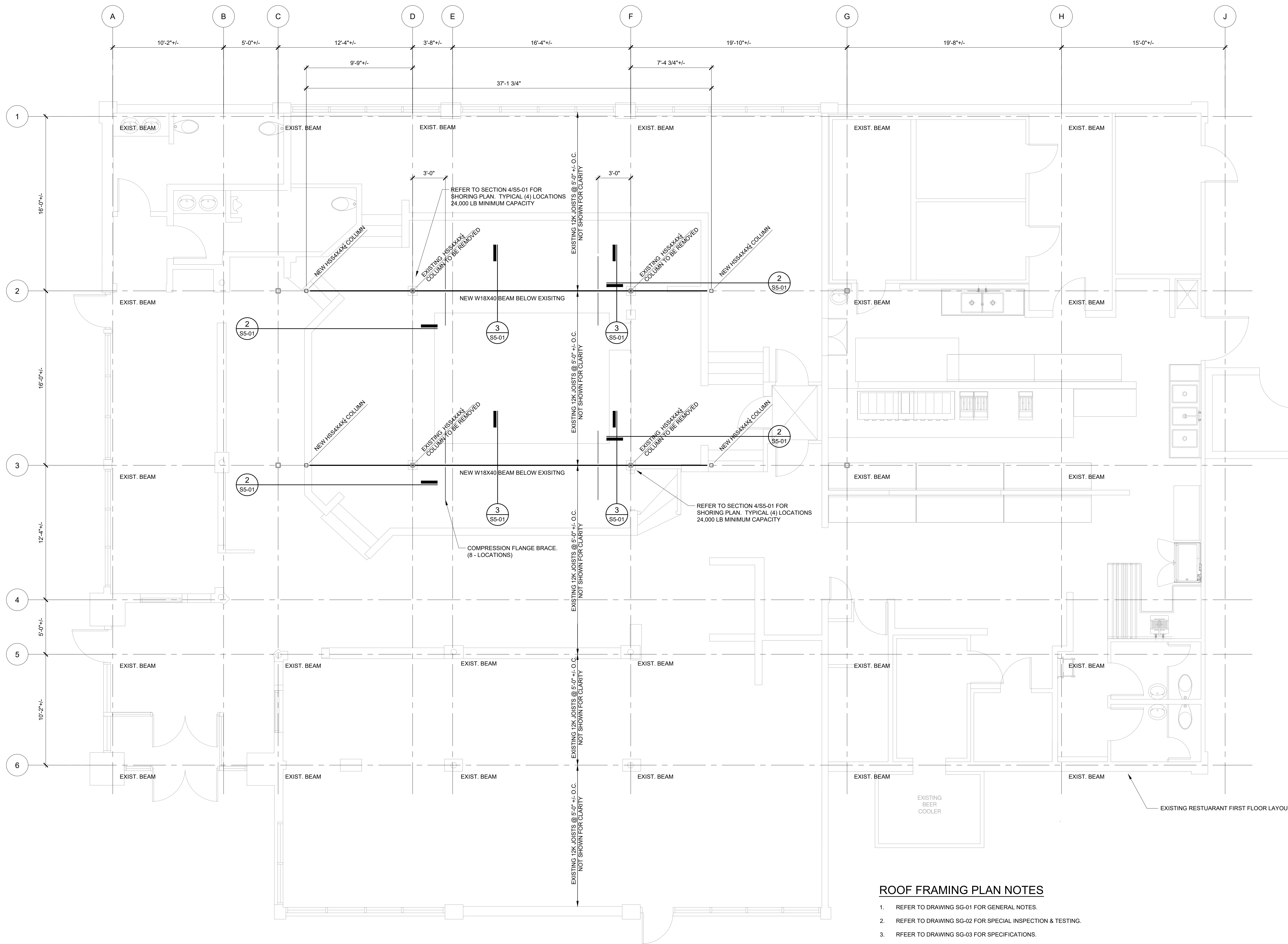
SPREAD FOOTING SCHEDULE				
Type Mark	Length	Width	Thickness	Reinforcing
F-4.0	4'-0"	4'-0"	1'-4"	(4) #6 EA WAY @ BOTT

FOUNDATION PLAN NOTES

- REFER TO DRAWING SG-01 FOR GENERAL NOTES.
- REFER TO DRAWING SG-02 FOR SPECIAL INSPECTION & TESTING.
- REFER TO DRAWING SG-03 FOR SPECIFICATIONS.
- TOP OF SLAB REFERENCE ELEVATION = 0' - 0" U.O.N.
- TOP OF FOOTING ELEVATION = -0' - 8" U.O.N.
- FOOTINGS SHALL BE PLACED ON COLUMN CENTERLINES U.O.N.
- FOOTINGS SHALL BEAR ON NATIVE UNDISTURBED SOIL OR ENGINEERED FILL HAVING A NET ALLOWABLE BEARING CAPACITY OF 1500 PSF MINIMUM.
- WHEN ADEQUATE BEARING CAPACITY IS NOT FOUND AT FOOTING DESIGN BEARING ELEVATION, UNDERCUT SUBGRADE TO ADEQUATE BEARING STRATUM AND FILL WITH COMPACTED ENGINEERED FILL OR LOW-STRENGTH FLOWABLE CONCRETE FILL.



DRAWN BY: L. LESNAK		SCALE: AS NOTED		DATE: 10/25/2021		PROJECT NO: 21-02333	
PROFESSIONAL ARCHITECTS		PROFESSIONAL ENGINEERS		PROFESSIONAL SURVEYORS		ZONING OFFICER IN CHARGE	
KEM-TEC & ASSOCIATES		efi global		EFI Global of Michigan, LLC		3825 COLLIER HWY, SUITE 215 • TROY, MI 48064	
FOUNDATION PLAN		SMOKEY BONES		45011 SCHONHERR		UTICA, MI 48315	
SHEET NO: SP-01		EFI FILE NUMBER 016.03857		REVISION DATE BY		PERMITS	
				1 10-25-2021 LL			



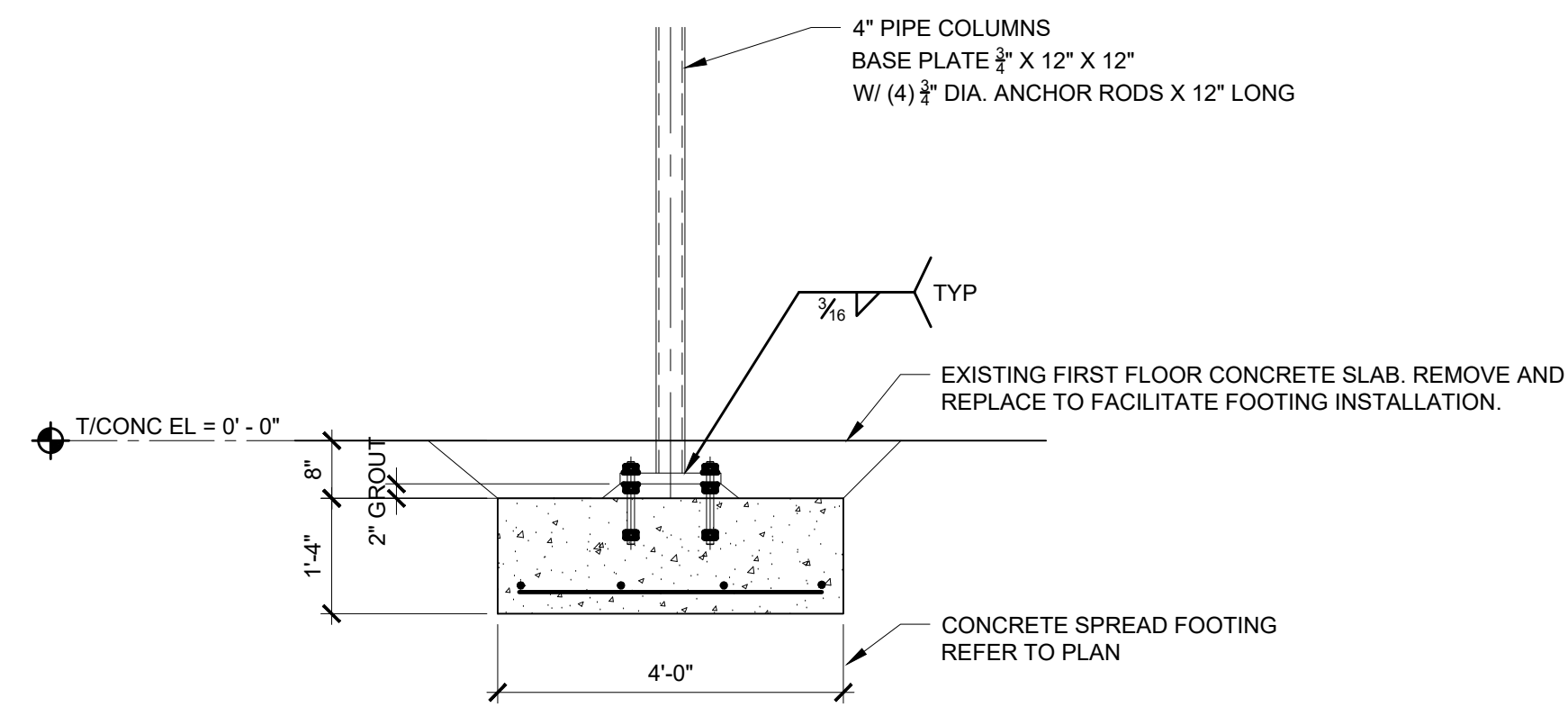
ROOF FRAMING PLAN NOTES

1. REFER TO DRAWING SG-01 FOR GENERAL NOTES.
2. REFER TO DRAWING SG-02 FOR SPECIAL INSPECTION & TESTING.
3. RFEER TO DRAWING SG-03 FOR SPECIFICATIONS.
4. TYPICAL DETAILS APPLY TO ALL DRAWINGS. USE THROUGHOUT EXCEPT WHERE OTHERWISE SHOWN OR NOTED.
5. TOP OF STEEL @ HP = REFER TO SECTIONS.

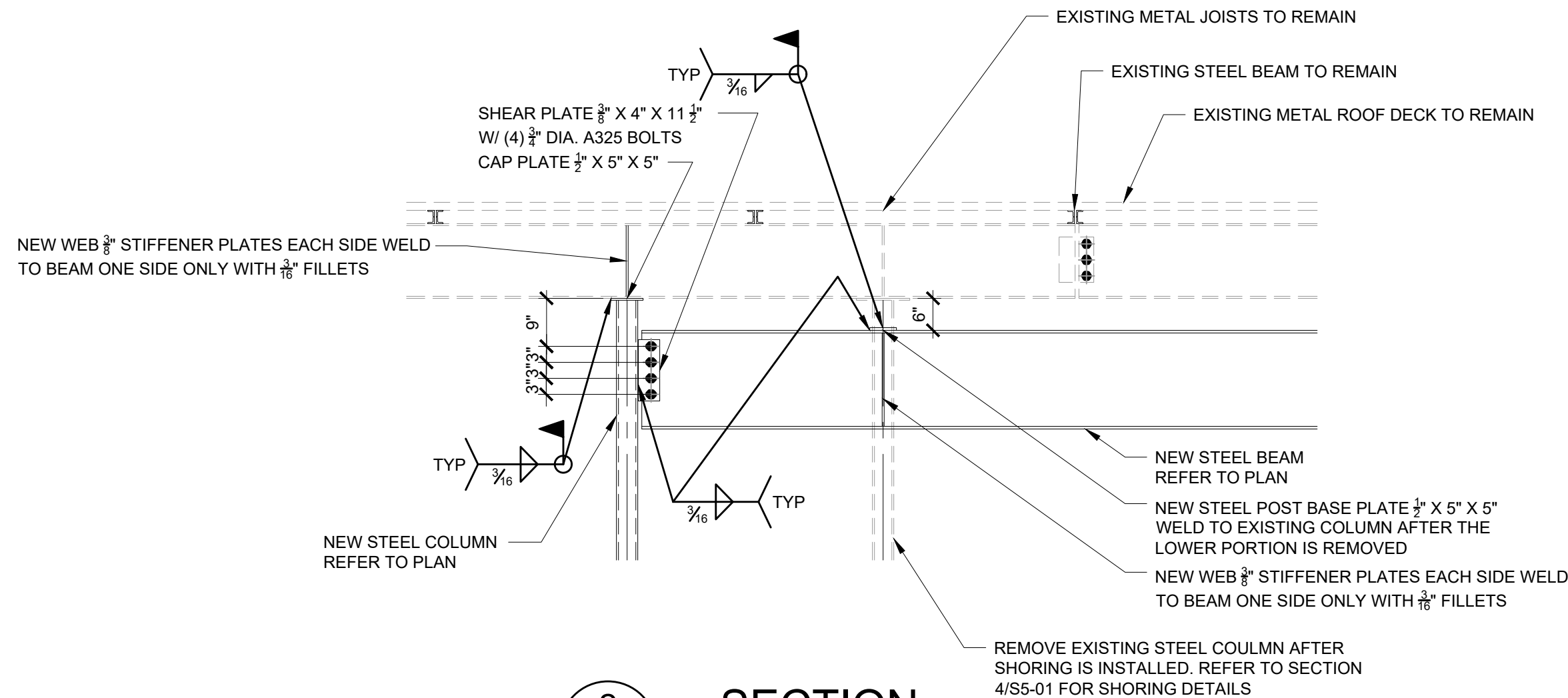
ROOF FRAMING MODIFICATION
SCALE: 1/4" = 1'-0" (24" X 36")



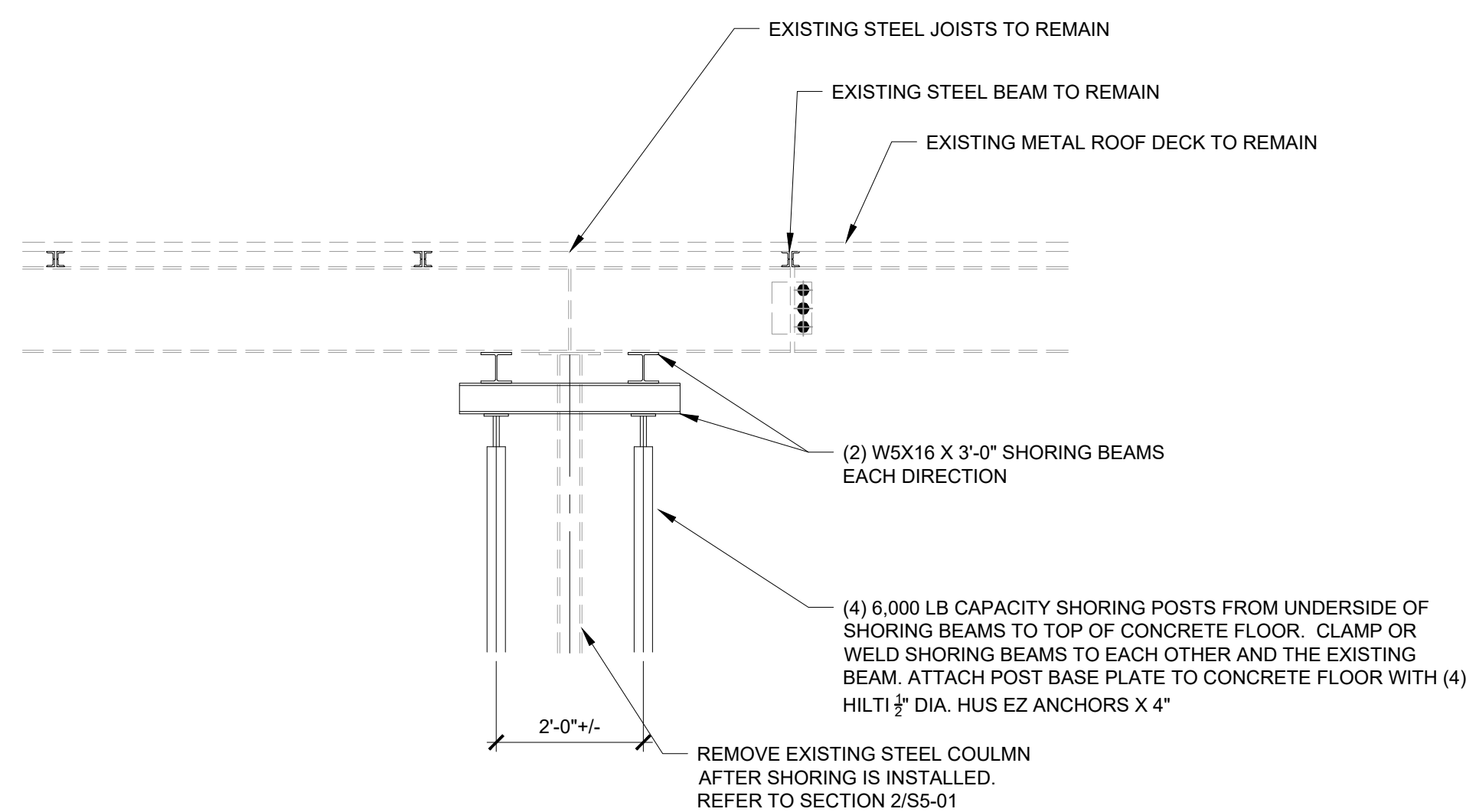
Roof Framing Plan		SMOKEY BONES 45011 SCHOENHERR UTICA, MI 48315	
efi global Efi Global of Michigan, LLC 3825 COLLIER HWY, SUITE 210 • TROY, MI 48064 P: (313) 962-0200 • WWW.EFIGLOBAL.COM		Efi FILE NUMBER 016.03857	
PROFESSIONAL ARCHITECTS PROFESSIONAL ENGINEERS PROFESSIONAL SURVEYORS GRANT M. MASOUE 2255 PLYMOUTH AVE (586) 772-2222 PHONE (586) 772-4048 FAX		KEM-TEC & ASSOCIATES	
72 HOURS (3 WORKING DAYS) BEFORE YOU DIG CALL MISS DIG 800-482-7171 (TOLL FREE)		DRAWN BY: L. LESNAK SCALE: AS NOTED DATE: 10/25/2021 PROJECT NO: 37708	
REVISION		DATE	BY
1	10-25-2021	LL	Permits
SHEET NO: SP-02		SHEET NO: 21-02333	



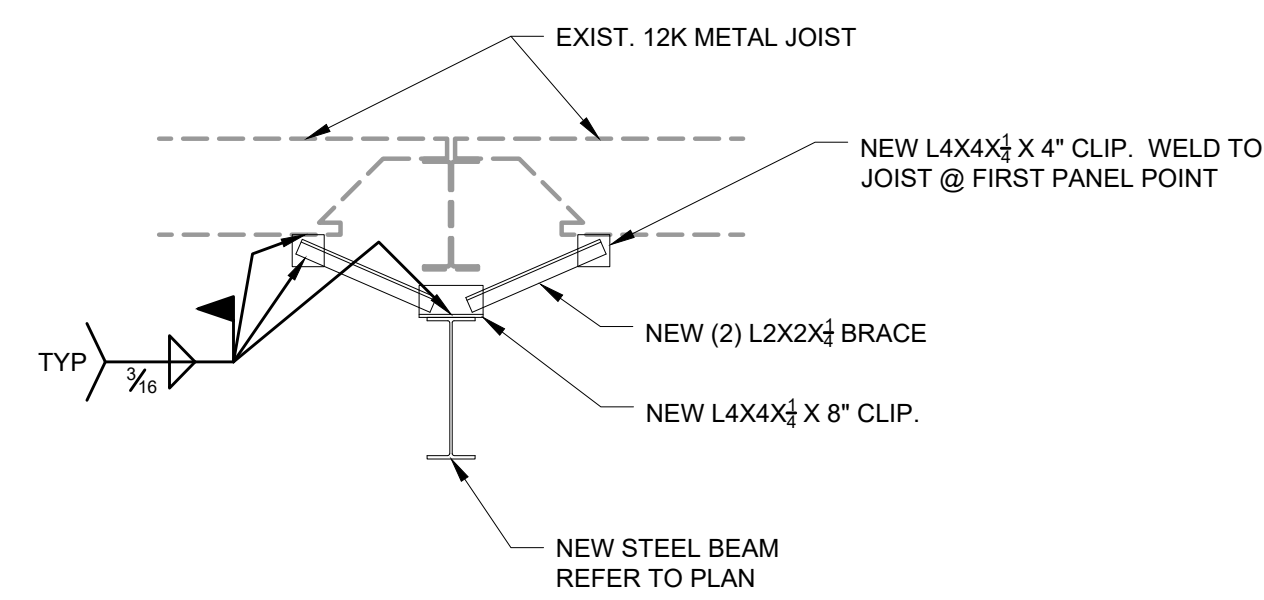
1 SECTION
 SP-01 SCALE: 1/2" = 1'-0" (24" X 36")



2 SECTION
 SP-02 SCALE: 1/2" = 1'-0" (24" X 36")



4 SHORING SECTION
 SP-02 SCALE: 1/2" = 1'-0" (24" X 36")



3 SECTION
 SP-02 SCALE: 1/2" = 1'-0" (24" X 36")

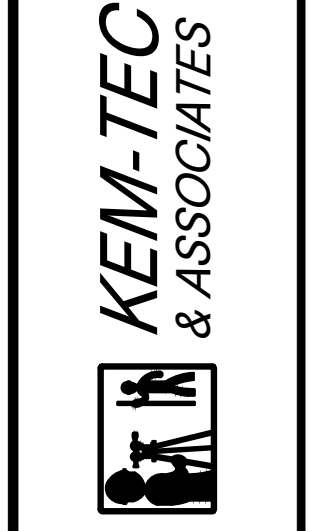
REVISION	DATE	BY	DESCRIPTION
1	10-25-2021	LL	Permits

Sections
SMOKEY BONES
 45011 SCHOENHERR
 UTICA, MI 48315



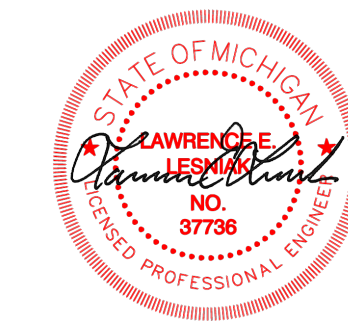
EFI FILE NUMBER
 016.03857

PROFESSIONAL ARCHITECTS
 PROFESSIONAL ENGINEERS
 PROFESSIONAL SURVEYORS
 GRADUATE IN ASSOCIATE
 ZONING BOARD MEMBER
 (586) 772-2222 PHONE
 (586) 772-4048 FAX

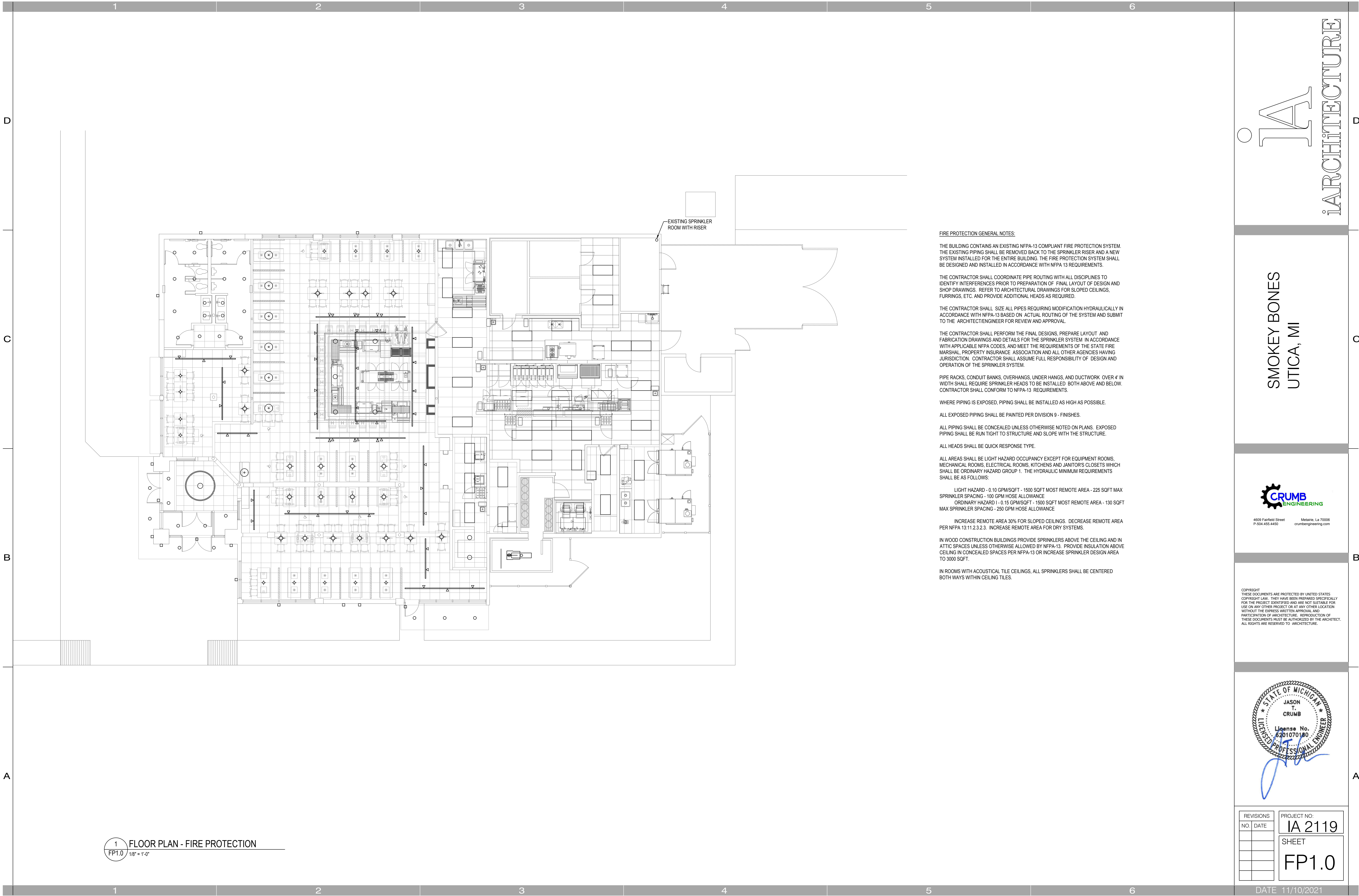


72 HOURS
 (3 WORKING DAYS)
 BEFORE YOU DIG
 CALL MISS DIG
 800-482-7171
 (TOLL FREE)

DRAWN BY:	L. LESNAK
SCALE:	AS NOTED
DATE:	10/25/2021
PROJECT NO.:	21-02333



SHEET NO:
S5-01



FIRE PROTECTION GENERAL NOTES:

THE BUILDING CONTAINS AN EXISTING NFPA-13 COMPLIANT FIRE PROTECTION SYSTEM. THE EXISTING PIPING SHALL BE REMOVED BACK TO THE SPRINKLER RISER AND A NEW SYSTEM INSTALLED FOR THE ENTIRE BUILDING. THE FIRE PROTECTION SYSTEM SHALL BE DESIGNED AND INSTALLED IN ACCORDANCE WITH NFPA 13 REQUIREMENTS.

THE CONTRACTOR SHALL COORDINATE PIPE ROUTING WITH ALL DISCIPLINES TO IDENTIFY INTERFERENCES PRIOR TO PREPARATION OF FINAL LAYOUT OF DESIGN AND SHOP DRAWINGS. REFER TO ARCHITECTURAL DRAWINGS FOR SLOPED CEILINGS, FURRINGS, ETC. AND PROVIDE ADDITIONAL HEADS AS REQUIRED.

THE CONTRACTOR SHALL SIZE ALL PIPES REQUIRING MODIFICATION HYDRAULICALLY IN ACCORDANCE WITH NFPA-13 BASED ON ACTUAL ROUTING OF THE SYSTEM AND SUBMIT TO THE ARCHITECT/ENGINEER FOR REVIEW AND APPROVAL.

THE CONTRACTOR SHALL PERFORM THE FINAL DESIGNS, PREPARE LAYOUT AND FABRICATION DRAWINGS AND DETAILS FOR THE SPRINKLER SYSTEM IN ACCORDANCE WITH APPLICABLE NFPA CODES, AND MEET THE REQUIREMENTS OF THE STATE FIRE MARSHAL, PROPERTY INSURANCE ASSOCIATION AND ALL OTHER AGENCIES HAVING JURISDICTION. CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY OF DESIGN AND OPERATION OF THE SPRINKLER SYSTEM.

PIPE RACKS, CONDUIT BANKS, OVERHANGS, UNDER HANGS, AND DUCTWORK OVER 4" IN WIDTH SHALL REQUIRE SPRINKLER HEADS TO BE INSTALLED BOTH ABOVE AND BELOW. CONTRACTOR SHALL CONFORM TO NFPA-13 REQUIREMENTS.

WHERE PIPING IS EXPOSED, PIPING SHALL BE INSTALLED AS HIGH AS POSSIBLE.

ALL EXPOSED PIPING SHALL BE PAINTED PER DIVISION 9 - FINISHES.

ALL PIPING SHALL BE CONCEALED UNLESS OTHERWISE NOTED ON PLANS. EXPOSED PIPING SHALL BE RUN TIGHT TO STRUCTURE AND SLOPE WITH THE STRUCTURE.

ALL HEADS SHALL BE QUICK RESPONSE TYPE.

ALL AREAS SHALL BE LIGHT HAZARD OCCUPANCY EXCEPT FOR EQUIPMENT ROOMS, MECHANICAL ROOMS, ELECTRICAL ROOMS, KITCHENS AND JANITOR'S CLOSETS WHICH SHALL BE ORDINARY HAZARD GROUP 1. THE HYDRAULIC MINIMUM REQUIREMENTS SHALL BE AS FOLLOWS:

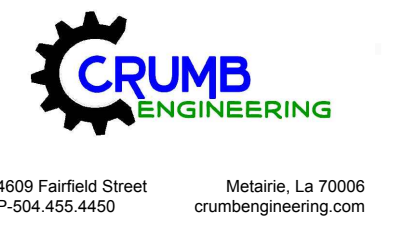
LIGHT HAZARD - 0.10 GPM/SQFT - 1500 SQFT MOST REMOTE AREA - 225 SQFT MAX SPRINKLER SPACING - 100 GPM HOSE ALLOWANCE
 ORDINARY HAZARD I - 0.15 GPM/SQFT - 1500 SQFT MOST REMOTE AREA - 130 SQFT MAX SPRINKLER SPACING - 250 GPM HOSE ALLOWANCE

INCREASE REMOTE AREA 30% FOR SLOPED CEILINGS. DECREASE REMOTE AREA PER NFPA 13-11.2.3.2.3. INCREASE REMOTE AREA FOR DRY SYSTEMS.

IN WOOD CONSTRUCTION BUILDINGS PROVIDE SPRINKLERS ABOVE THE CEILING AND IN ATTIC SPACES UNLESS OTHERWISE ALLOWED BY NFPA-13. PROVIDE INSULATION ABOVE CEILING IN CONCEALED SPACES PER NFPA-13 OR INCREASE SPRINKLER DESIGN AREA TO 3000 SQFT.

IN ROOMS WITH ACOUSTICAL TILE CEILINGS, ALL SPRINKLERS SHALL BE CENTERED BOTH WAYS WITHIN CEILING TILES.

1 FLOOR PLAN - FIRE PROTECTION
 FP1.0 1/8" = 1'-0"

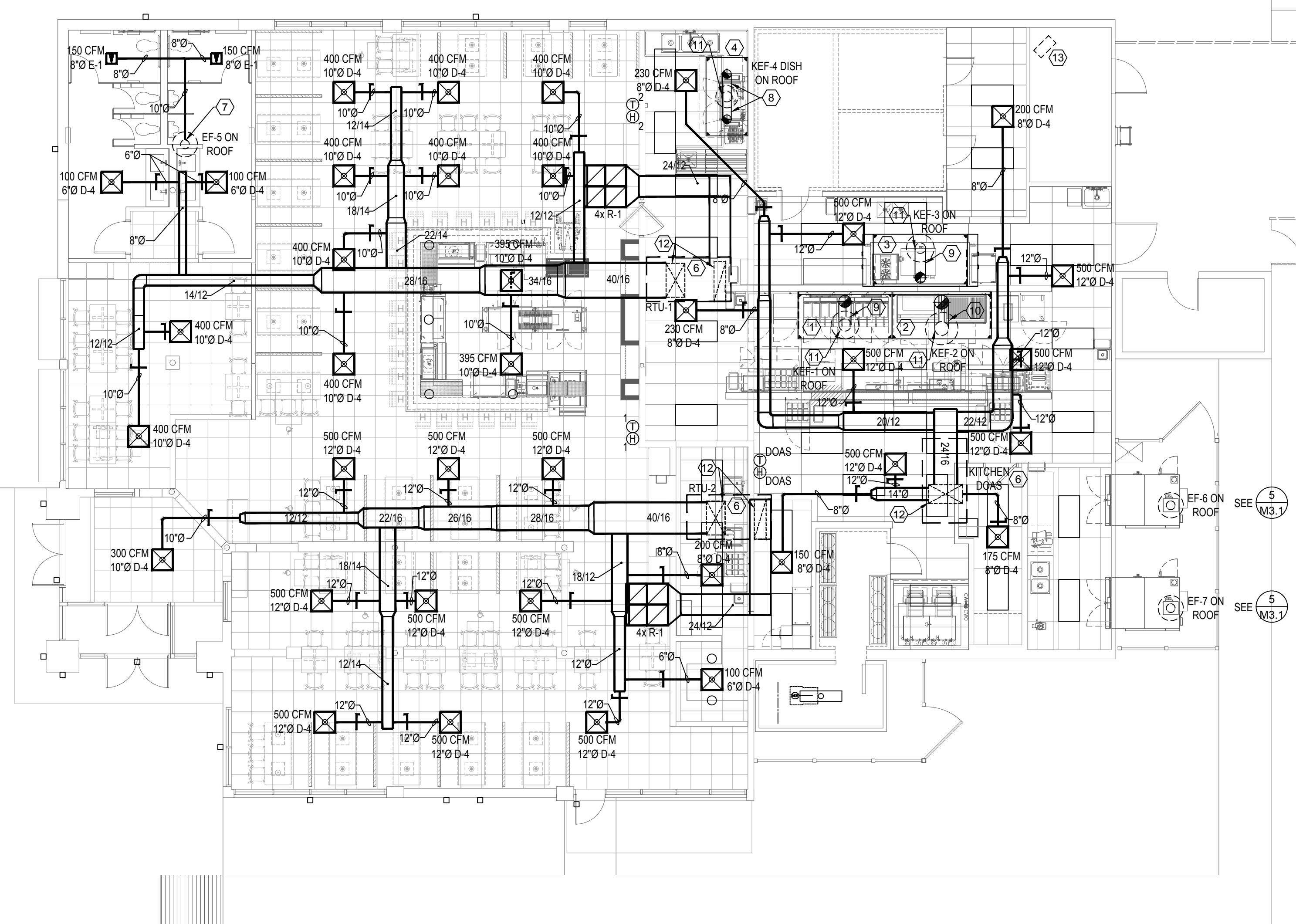


4009 Fairless Street Metairie, LA 70006
 P: 504-455-4450 crumbengineering.com

COPYRIGHT
 THESE DOCUMENTS ARE PROTECTED BY UNITED STATES COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT. ALL RIGHTS ARE RESERVED TO ARCHITECTURE.



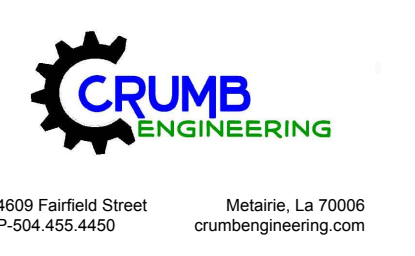
REVISIONS NO. DATE	PROJECT NO: IA 2119
	SHEET
	FP1.0



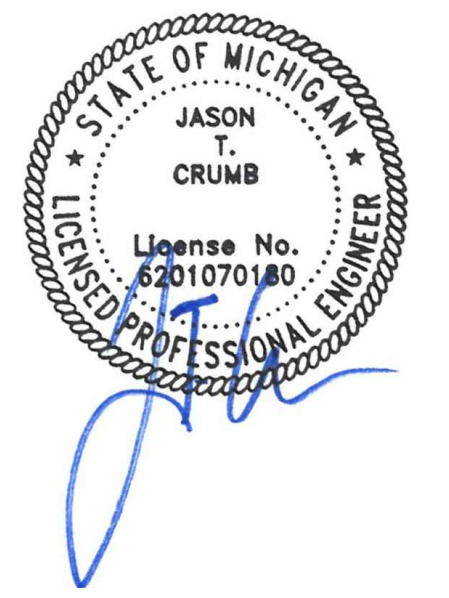
- GENERAL NOTES THIS SHEET:**
- DUCT SIZES SHOWN ARE FREE AREA SIZES. SEE SPECIFICATIONS FOR DUCT MATERIALS AND INSULATION.
 - ALL DUCTWORK SHALL BE EXTERNALLY WRAPPED UNLESS NOTED OTHERWISE. INTERNALLY LINE ALL DUCTWORK FOR FIRST 10' OF SUPPLY AND RETURN FROM UNIT. EXPOSED RECTANGULAR DUCTWORK SHALL BE INTERNALLY LINED. ALL RETURN PLENUMS AND TRANSFER DUCTS SHALL BE INTERNALLY LINED.
 - PROVIDE VOLUME DAMPERS AT ALL TAPS INTO MAIN DUCT RUNS. PROVIDE VOLUME DAMPERS AT MAIN RETURN AND OUTSIDE AIR DUCTS.
 - INSULATE THE BACK OF ALL DIFFUSERS.
 - NO FLEX DUCT RUN SHALL EXCEED 8 FEET.
 - FLEX DUCT RUN OUTS TO DIFFUSERS SHALL BE SIZED SAME AS DIFFUSER NECK SIZE. FASTEN THE INNER HELIX AND OUTER JACKET OF FLEX DUCTS TO DIFFUSERS AND DUCTS WITH NYLON TIE WRAPS.
 - PROVIDE FLEXIBLE CONNECTIONS AT SUPPLY AND RETURN CONNECTIONS TO AC UNITS.
 - TOILET AND JANITOR EXHAUST FANS TO BE INTERLOCKED WITH ROOM LIGHT SWITCH.
 - ALL NEW DUCTWORK SHALL BE RUN ABOVE CEILINGS AND TIGHT TO STRUCTURE. COORDINATE WITH OTHER TRADES AND MAKE OFFSETS WHERE REQUIRED. PROVIDE DUCTWORK SHOP DRAWINGS. RUN DUCTWORK THROUGH TRUSSES WHERE SPACE IS LIMITED.
 - PROVIDE ACCESS TO ALL EQUIPMENT, INCLUDING ACCESS PANELS WHERE REQUIRED.
 - ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. PROVIDE SUPPORTS, DUCTWORK, PIPING, CONTROLS, ETC AS REQUIRED.
 - REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION OF FIRE WALLS AND PROVIDE FIRE DAMPERS IN ALL RATED WALLS AND FLOORS. PROVIDE FIRE DAMPERS IN ALL OUTSIDE AIR INTAKES.
 - PROVIDE DUCT DETECTORS IN THE SUPPLY AND RETURN FOR ALL AIR UNITS 2000 CFM AND OVER. PROVIDE FIRESTATS FOR ALL FANS 600 CFM AND OVER.
 - PROVIDE THERMOSTATS AND CONTROL WIRING FOR ALL AC AND FAN SYSTEMS SHOWN ON DRAWINGS.
 - PROVIDE TEST AND BALANCE FOR ALL AC AND FAN SYSTEMS.
 - PROVIDE INSULATED PLENUM BOXES (MINIMUM 12" DEEP UNLESS OTHERWISE NOTED) AT ALL LOUVERS FOR DUCT CONNECTIONS.
 - PROVIDE INSULATED CONDENSATE DRAIN PIPING FOR ALL AC SYSTEMS.
 - ALL REFRIGERATION PIPING SHALL BE SIZED AND INSTALLED PER MANUFACTURER'S RECOMMENDATIONS. INSULATE ALL PIPING FOR HEAT PUMP SYSTEMS. FOR LONG REFRIGERANT PIPING RUNS, CONSULT EQUIPMENT MANUFACTURER FOR SPECIFIC INSTALLATION REQUIREMENTS.
 - ALL KITCHEN AND DISHWASHER EXHAUST SHALL BE 18 GA, 304 SS FULLY WELDED INSTALLED PER NFPA-96 REQUIREMENTS. PROVIDE GASKETED, HIGH TEMPERATURE DUCT CLEANOUTS PER CODE.
 - SEE M3.0 AND M3.1 FOR DUCTWORK DETAILS.

- SPECIFIC NOTES THIS SHEET:**
- HOOD 1. SEE M4 SHEETS FOR DETAILS.
 - HOOD 2. SEE M4 SHEETS FOR DETAILS.
 - HOOD 3. SEE M4 SHEETS FOR DETAILS.
 - HOOD 4. SEE M4 SHEETS FOR DETAILS.
 - CAPTIVE/FAIRY FACTORY DESIGNED STAINLESS STEEL ROUND DISTRIBUTION DUCT. COORDINATE EXACT REQUIREMENTS WITH MANUFACTURER. THE DUCT SYSTEM IS OWNER FURNISHED, CONTRACTED RECEIVED AND INSTALLED.
 - ROOFTOP UNIT. SEE M4 SHEETS FOR SCHEDULES.
 - 10'0" UP TO EF ON ROOF.
 - 10'0" 18 GA, 304 SS FULLY WELDED DUCT UP TO EF ON ROOF.
 - 14'0" 18 GA, 304 SS FULLY WELDED DUCT UP TO EF ON ROOF.
 - 16'0" 18 GA, 304 SS FULLY WELDED DUCT UP TO EF ON ROOF.
 - CONNECT HOOD EXHAUST DUCT TO HOOD EXHAUST COLLAR.
 - TRANSITION AND CONNECT TO UNIT OPENING.
 - EXISTING GAS UNIT HEATER TO REMAIN.

1 FLOOR PLAN - HVAC
M1.0 1/8" = 1'-0"



COPYRIGHT
THESE DOCUMENTS ARE PROTECTED BY UNITED STATES
COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY
FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR
USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION
WITHOUT THE EXPRESS WRITTEN APPROVAL AND
PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF
THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT.
ALL RIGHTS ARE RESERVED TO ARCHITECTURE.



REVISIONS	PROJECT NO:
NO. DATE	IA 2119
	SHEET
	M1.0

1 2 3 4 5 6

D

C

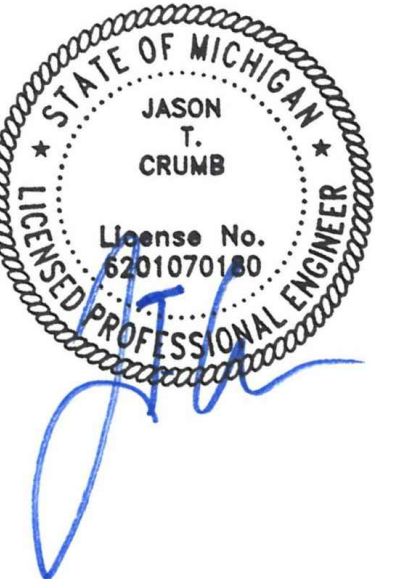
B

A



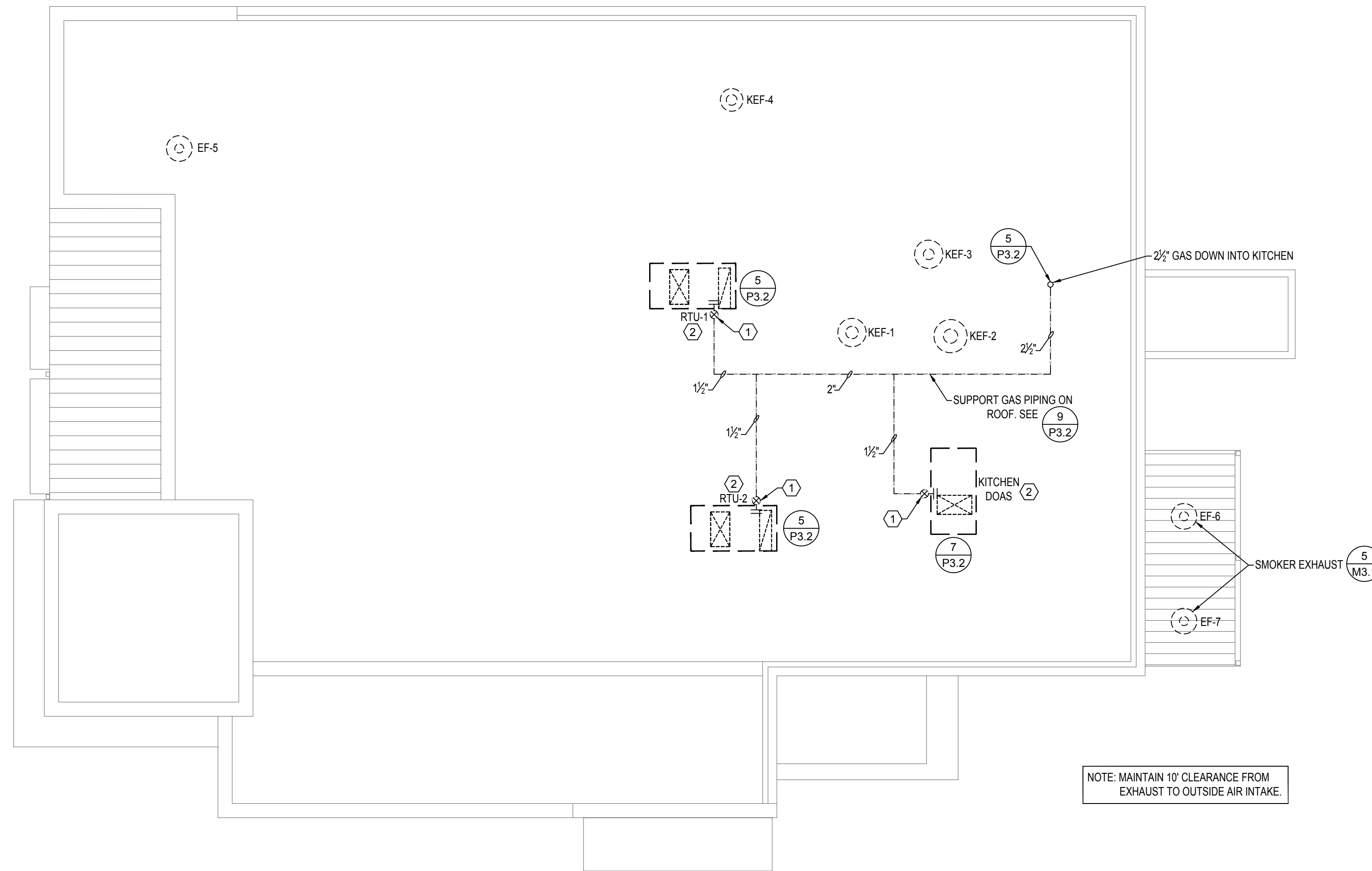
4609 Fairfield Street Metairie, La 70006
P-504.455.4450 crumbengineering.com

COPYRIGHT
THESE DOCUMENTS ARE PROTECTED BY UNITED STATES
COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY
FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR
USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION
WITHOUT THE EXPRESS WRITTEN APPROVAL AND
PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF
THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT.
ALL RIGHTS ARE RESERVED TO ARCHITECTURE.



SPECIFIC NOTES THIS SHEET:

- ① GAS PIPING WITH SHUTOFF VALVE, DRIPLEG, UNION AND W.P. FLEXIBLE GAS HOSE TO RTU.
- ② RTU. SEE TYPICAL DETAIL ON M3.0. SEE CURB DETAIL



NOTE: MAINTAIN 10' CLEARANCE FROM EXHAUST TO OUTSIDE AIR INTAKE.

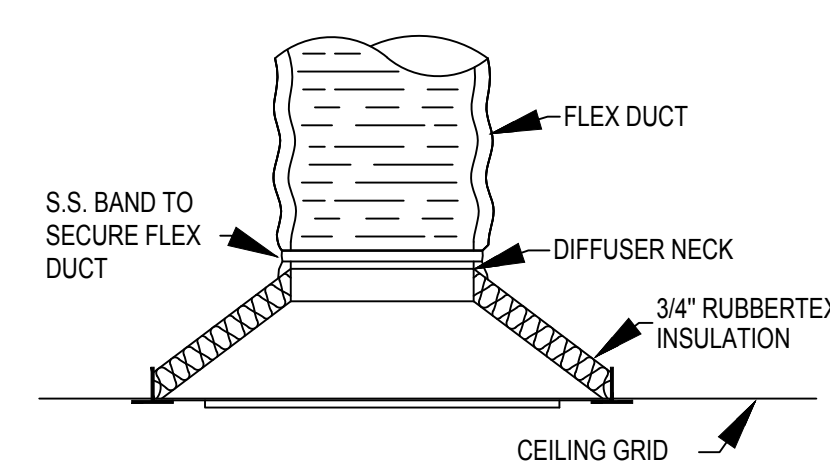
1 ROOF PLAN - MECHANICAL
M2.0 1/8" = 1'-0"

1 2 3 4 5 6

REVISIONS	PROJECT NO:
NO. DATE	IA 2119
	SHEET
	M2.0

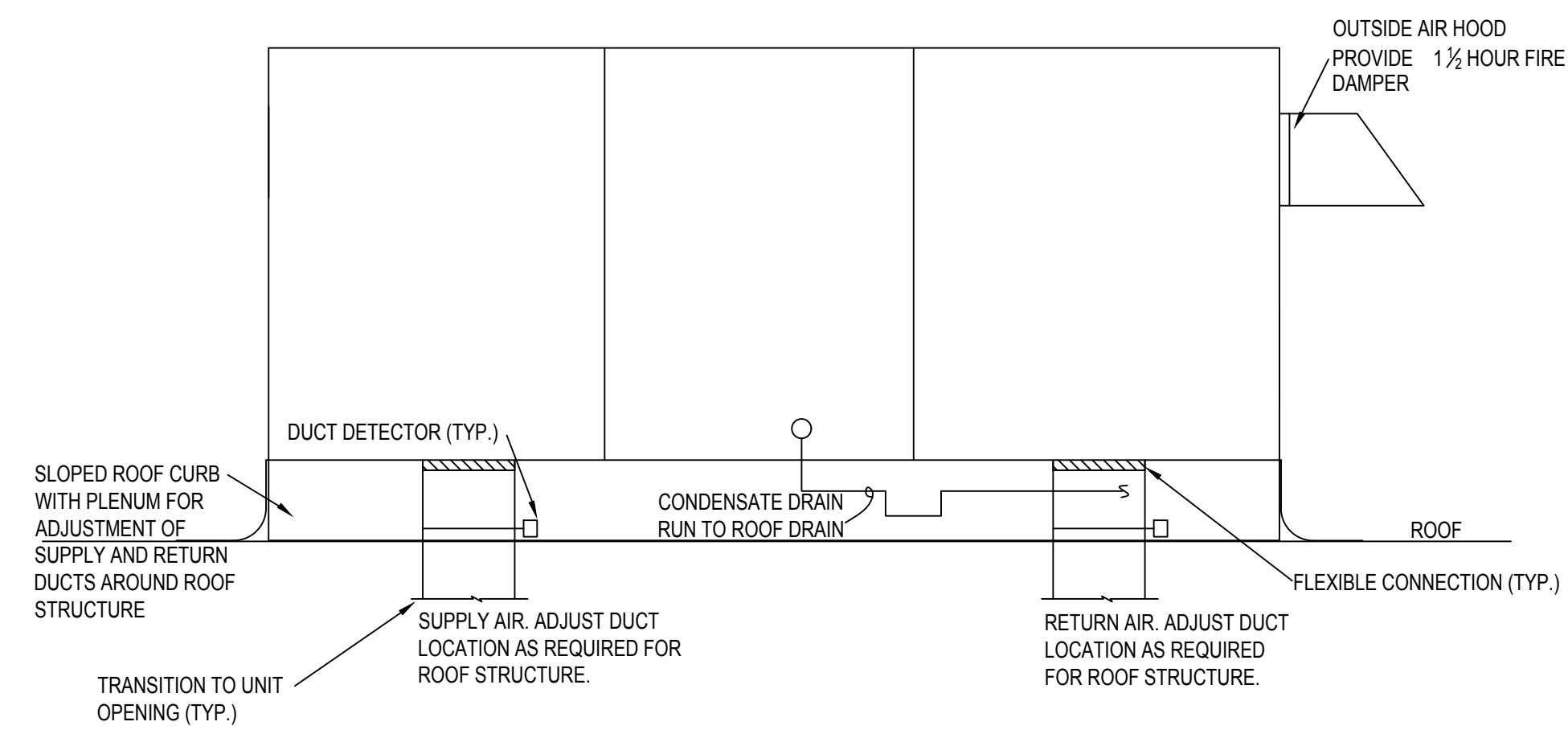
DATE 11/10/2021

MECHANICAL		LEGEND	
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
CWS	CHILLED WATER SUPPLY	O/A	OUTSIDE AIR
CWR	CHILLED WATER RETURN	R/A	RETURN AIR
HWR	HEATING WATER RETURN	RAG	RETURN AIR GRILLE
HWS	HEATING WATER SUPPLY	S/A	SUPPLY AIR
CFM	CUBIC FEET PER MINUTE	(TYP)	TYPICAL
CLG.	CEILING	VTR	VENT THRU ROOF
CONN.	CONNECTION	⊕	HUMIDITY SENSOR
DN	DOWN	Ⓢ	TEMPERATURE SENSOR
E/A	EXHAUST AIR	VD	VOLUME DAMPER
EF	EXHAUST FAN	~~~~~	FLEX DUCT
F.L.D.	1 1/2 HOUR UL 555 FIRE DAMPER	⊥	AIR CHAMBER (10" HIGH PIPE)



NOTE: ALL SEAMS SHALL BE PROPERLY SEALED AND INSULATION GLUED TO BACK OF DIFFUSER. INSULATION SHALL COVER ENTIRE DIFFUSER AND NECK.

DIFFUSER INSULATION DETAIL
NO SCALE

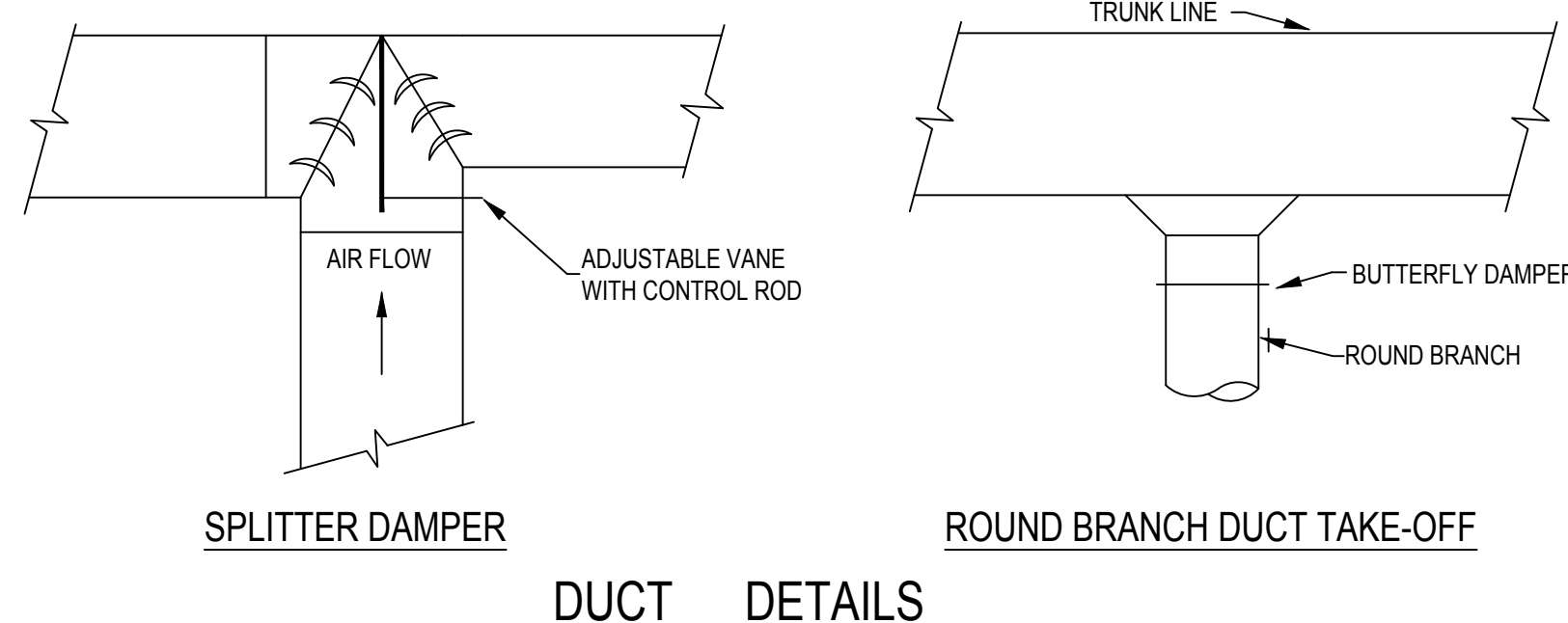
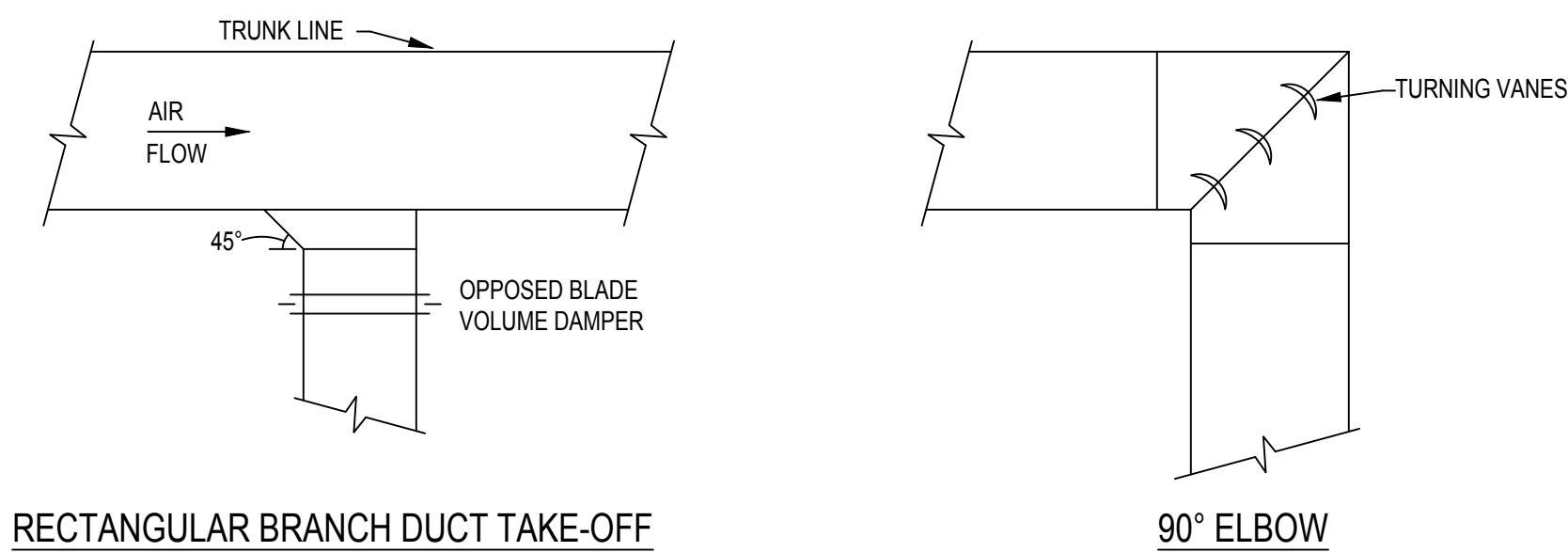


TYPICAL ROOF TOP AIR HANDLING UNIT DETAIL
NO SCALE

DIFFUSER	GRILLE	&	REGISTER	SCHEDULE
MARK	DESCRIPTION			
D	PERFORATED ALUMINUM CEILING DIFFUSER NO AIR PATTERN, 24"x24" LAY-IN FRAME, ROUND NECK AND WHITE FINISH.			TITUS PAR-AA
R-2	ALUMINUM SIDEWALL RETURN GRILLE WITH BLADES PARALLEL TO HORIZONTAL			TITUS MODEL 3F
E-1	PERFORATED ALUMINUM EXHAUST AIR GRILLE WITH ROUND NECK, 24"x24" LAY-IN FRAME FOR LAY-IN CEILING, WHITE FINISH.			TITUS PAR-AA

NOTES:

- PROVIDE PLASTER FRAME FOR DIFFUSERS/GRILLES IN SHEETROCK CEILINGS.
- PROVIDE PLENUM BOX AT REAR OF ALL RETURN GRILLES SIZED FOR GRILLE NECK FOR CONNECTION OF RETURN DUCTS.
- INSULATE BACK OF ALL DIFFUSERS. SEE DETAIL ON DRAWINGS OR AT CONTRACTOR'S OPTION PROVIDE FACTORY BACK PAN INSULATION.
- ADJUST LOCATION OF DIFFUSERS AS REQUIRED FOR ANY LIGHT CONFLICTS.
- OWNER FURNISHED - CONTRACTOR RECEIVED AND SUPPLIED FOR ALL ITEMS THIS SCHEDULES.



DUCT DETAILS

FOOD SERVICE EQUIPMENT MECHANICAL ROUGH-IN NOTES

- ROUGH-IN PLAN SHOWS APPROXIMATE LOCATIONS FOR UTILITY REQUIREMENTS OF FOOD SERVICE EQUIPMENT SPECIFIED (INCLUDING FUTURE EQUIPMENT). CONTRACTOR SHALL FURNISH DIMENSIONED LOCATIONS FROM FINISHED WALLS AND/OR CENTER-LINE OF COLUMNS FOR ALL UTILITIES SHOWN ON CONTRACT DOCUMENT ROUGH-IN DRAWINGS.
- WHERE APPLICABLE, ALL UTILITIES SHALL EXTEND UP THROUGH AND OUT OF BUILDING WALLS.
- EXTEND AND CONNECT ALL UTILITIES TO CONNECTION POINTS OF FOOD SERVICE EQUIPMENT - DIVISION 15.
- FURNISH AND INSTALL EXHAUST/SUPPLY FANS AND DUCTWORK (INDEPENDENT OF BUILDING HVAC SYSTEM) TO MEET REQUIREMENTS INDICATED. EXHAUST/SUPPLY FAN PACKAGE SHALL BE FURNISHED WITH MAGNETIC STARTERS - DIVISION 23.
- EXHAUST/SUPPLY FAN CONTROL PANEL AND SWITCHES (EXCLUDING STARTERS) FOR EXHAUST HOODS SHALL BE FURNISHED BY DIVISION 11, THEREFORE NOT REQUIRED BY MANUFACTURER OF EXHAUST/SUPPLY FAN PACKAGE.
- EXHAUST DUCTS SHALL BE WELDED TO DUCT COLLARS OF EXHAUST HOODS ABOVE COOKING EQUIPMENT IN ACCORDANCE WITH LATEST EDITIONS OF NFPA 96 - DIVISION 23.
- FURNISH AND INSTALL AUTOMATIC WET CHEMICAL FIRE EXTINGUISHING SYSTEM FOR EXHAUST HOOD OVER COOKING EQUIPMENT TO MEET UL STANDARD 300, LATEST EDITIONS OF NFPA PAMPHLET NOS. 96 AND 17A, AND ALL OTHER APPLICABLE FIRE CODES - DIVISION 11.
- TEMPERING OF SUPPLY AIR SHALL BE IN ACCORDANCE WITH HVAC DESIGN REQUIREMENTS - DIVISION 23.
- ALL HVAC CEILING REGISTERS ARE TO BE DIRECTED AWAY FROM EXHAUST HOOD IN ACCORDANCE WITH CHAPTER 31 KITCHEN VENTILATION OF ASHRAE APPLICATIONS HANDBOOK, DATED 2007 - DIVISION 23.
- DUCT ABOVE FINISHED CEILING SHALL BE WATER-TIGHT AND SLOPED SO THAT CONDENSATE FORMED WITHIN DUCT WILL DRAIN BACK INTO FUTURE DISHWASHER - DIVISION 23.

MECHANICAL SPECIFICATIONS

GENERAL

ALL MATERIAL SHALL BE NEW AND OF TOP QUALITY COMMERCIAL GRADE.

CONTRACTOR SHALL VISIT JOB SITE BEFORE SUBMITTING BID. FAILURE TO BE SO INFORMED SHALL NOT ALLOW FOR ADDITIONAL COMPENSATION.

ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH INDUSTRY STANDARDS, LOCAL AUTHORITIES RULES AND REGULATIONS, NFPA GUIDELINES, AND OTHER NATIONAL STANDARDS.

CONTRACTOR SHALL PROVIDE SUBMITTAL DATA ON ALL MAJOR EQUIPMENT AND SHALL PROVIDE SHOP DRAWINGS FOR DUCTWORK AND PLUMBING.

CONTRACTOR SHALL GUARANTEE ALL MATERIALS, EQUIPMENT, AND WORKMANSHIP FOR ONE YEAR AFTER DATE OF OWNER ACCEPTANCE.

EQUIPMENT AND PIPING SHALL BE PAINTED AND IDENTIFIED IN ACCORDANCE WITH INDUSTRY STANDARDS.

THE CONTRACTOR SHALL EMPLOY A TEST AND BALANCE AGENCY TO TEST AND BALANCE NEW AIR SYSTEMS IN ACCORDANCE WITH ABC GUIDELINES.

CONTRACTOR SHALL LEAVE THE PREMISES IN A CLEAN CONDITION AT THE END OF EACH WORKDAY.

DUCTWORK

PROVIDE AND INSTALL A COMPLETE SYSTEM OF DUCTWORK AS HEREIN SPECIFIED TO INCLUDE, BUT NOT LIMIT TO SUPPLY, RETURN, EXHAUST AND FRESH AIR WITH GRILLES, REGISTERS, DIFFUSERS AND APPURTENANCE TO PROVIDE A COMPLETE FUNCTIONAL AND OPERATIONAL SYSTEM. DUCT SIZES SHOWN ON DRAWINGS ARE FREE AREA DIMENSIONS. DESIGN SHALL BE AS DESCRIBED IN THE LATEST EDITION OF SMACNA MANUALS AND AS PER THE FOLLOWING:

- ALL DUCTWORK TO BE INSULATED WITH 2" EXTERIOR WRAP EXCEPT FOR EXPOSED DUCTWORK WHICH SHALL BE INSULATED WITH 1" INTERNAL LINER.
- OUTSIDE AIR AND EXHAUST AIR DUCTS SHALL HAVE AIR-TIGHT SEAMS AND BE CONSTRUCTED AS PER APPLICABLE SECTIONS OF SMACNA MANUALS FOR LOW VELOCITY DUCTS.
- SUPPLY AND RETURN DUCTS FOR LOW PRESSURE SYSTEM AND LOW VELOCITY SYSTEMS SHALL BE GALVANIZED SHEETMETAL WITH AIRTIGHT SEAMS AND AS PER APPLICABLE SECTION OF SMACNA MANUALS FOR LOW VELOCITY DUCTS.
- ROUND RIGID DUCTWORK SHALL BE ALL ROUND SPIRAL SINGLE WALL, GALVANIZED STEEL INSULATE WITH 2" EXTERIOR DUCT WRAP. SEAL ALL SEAMS, JOINTS AND WALL PENETRATIONS WITH HARDCAST AS HEREIN SPECIFIED.

DUCT SUPPORTS FOR RECTANGULAR DUCTS SHALL BE A MINIMUM 1" X 18 GAUGE GALVANIZED STEEL BANDS. HANGER BANDS SHALL BE BENT UNDER LOWER CORNERS AND SECURED WITH SELF-TAPPING SCREWS AT CORNERS AND SIX (6") INCH INTERVALS UP THE SIDES. DISTANCE BETWEEN HANGERS SHALL BE AS RECOMMENDED BY SMACNA MANUAL. FOR LOW AND MEDIUM DUCTWORK: DUCTWORK SHALL BE RIGIDLY SUPPORTED TO PREVENT VIBRATION. DUCT ATTACHMENTS TO STRUCTURE, LOWER HANGER ATTACHMENTS, DUCTS TRAPS AND RODS AND TRAPEZE ANGLES SHALL BE IN ACCORDANCE WITH SMACNA LOW PRESSURE AND HIGH PRESSURE DUCT STANDARDS.

WHERE THE DUCTS PASS THROUGH WALLS, DRAFTSTOPS OR PARTITIONS, THE SPACE SHALL BE PACKED WITH NON-COMBUSTIBLE MATERIALS, FILLING ALL VOIDS AROUND DUCT.

FIRE DAMPERS WITH FUSIBLE LINKS SHALL BE INSTALLED AT ALL POINTS IN DUCTWORK WHERE INDICATED ON DRAWINGS, AND/OR AS REQUIRED BY NFPA, 90-A, AND MECHANICAL CODE OF THE IBC.

ALL DUCTS SHALL BE SEALED PER SMACNA SEAL CLASS A. ALL JOINTS, LONGITUDINAL SEAMS AND WALL PENETRATIONS OF ALL SUPPLY, RETURN OUTSIDE AIR AND EXHAUST DUCTS SHALL BE SEALED WITH AN ELASTOMERIC TAPE WHICH SHALL CONSIST OF A PRESSURE SENSITIVE LAYER OF MODIFIED BUTYL RUBBER SEALER LAMINATED TO A FOIL BACKING MATERIAL WHICH SHALL CONFORM TO SURFACE VARIATIONS AND IRREGULAR AREAS AND SHALL NOT HARDEN, CRACK OR PEEL. THE SEALANT SHALL BE WATERPROOF AND SHALL BE A MINIMUM OF 15 MILS THICK. ALL DUCTWORK SHALL BE CLEANED AND PREPARED AND SEALANT SHALL BE APPLIED STRICTLY IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS. SEALANT SHALL BE HARDCAST FG-1402, SURETAPE #663 OR APPROVED EQUAL, AT CONTRACTOR'S OPTION. FLANGED GASKETED DUCT SYSTEM MAY BE USED FOR POSITIVE PRESSURE SYSTEM ONLY.

MECHANICAL SPECIFICATIONS

FLEXIBLE ROUND DUCT MAY BE USED FOR ALL DIFFUSER RUNOUTS. SHALL BE LISTED BY UNDERWRITERS LABORATORIES, INCL. UNDER UL-181 STANDARDS AS CLASS 1 FLEXIBLE AIR DUCT MATERIAL COMPLYING WITH NFPA STANDARDS 90A. DUCTS SHALL BE RATED ON MAXIMUM PRESSURE OF 8 INCHES WG POSITIVE AND 2 INCHES WG NEGATIVE. THE DUCT SHALL BE FACTORY FABRICATED ASSEMBLY COMPOSED OF: AN INNER DUCT OF WOVEN AND COATED FIBERGLASS PROVIDING AN AIR SEAL AND BONDED PERMANENTLY TO CORROSION RESISTANT COATED STEEL WIRE HELIX; A 2" THICK FIBERGLASS INSULATING BLANKET AND LOW PERMEABLE OUTER VAPOR BARRIER OF FIBERGLASS REINFORCED METALIZED FILM LAMINATE. PRESSURE DROP NOT TO EXCEED 15" SP AT 500 FPM THROUGH 6" OR LARGER DUCT. MAXIMUM LENGTH OF FLEXIBLE DUCT SHALL NOT EXCEED 8'-0". CONNECT FLEXIBLE ROUND DUCT WITH 1/2" WIDE NYLON POSITIVE LOCKING NYLON STRAPS ON INNER DUCT AND OUTER DUCT.

FLEXIBLE CONNECTIONS SHALL BE PROVIDED BETWEEN EACH FAN UNIT AND DUCTWORK ON SUPPLY SIDE AND ALSO ON RETURN SIDE. MATERIAL SHALL BE FLEXIBLE FIRE-RESISTIVE MATERIAL, MINIMUM 4" WIDE, UL LISTED, WITH NO METAL TO METAL CONTACT.

MAXIMUM DUCT LEAKAGE SHALL BE +/- 5%, SMACNA SEAL CLASS A. DUCTWORK SHALL BE DESIGNED FOR 1.0" STATIC PRESSURE. CONSTRUCT DUCTWORK IN ACCORDANCE WITH SMACNA DUCT CONSTRUCTION STANDARDS FOR THE SPECIFIED PRESSURE CLASS.

PIPING AND EQUIPMENT INSULATION

ALL DOMESTIC HOT AND COLD WATER SHALL BE INSULATED WITH 1/2" MOLDED FIBERGLASS PIPE INSULATION.

ALL REFRIGERANT PIPING SHALL BE INSULATED WITH 3/4" CLOSED CELL FOAM INSULATION.

HEATING, VENTILATING, AND AIR CONDITIONING

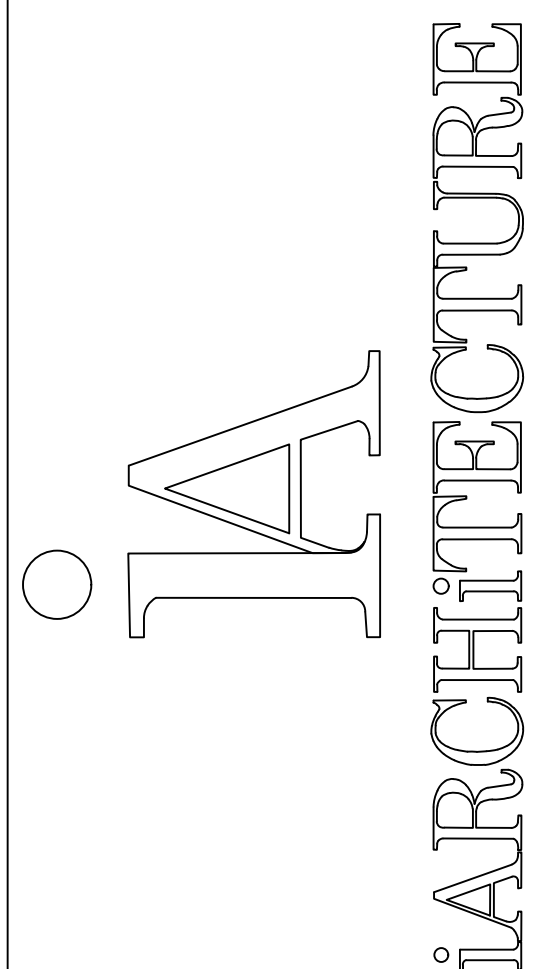
PROVIDE NEW HVAC EQUIPMENT AS SCHEDULED. SEE M4 SERIES SHEETS FOR EQUIPMENT OUTSHEETS. INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. RUN REFRIGERANT PIPING IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.

REFRIGERANT PIPING SHALL BE TYPE 'ACR WITH BRAZED FITTINGS. PROVIDE LIQUID, SUCTION AND PIPING WITH ACCESSORIES AS REQUIRED BY MANUFACTURER. PROVIDE SHUTOFF VALVES AT EACH UNIT.

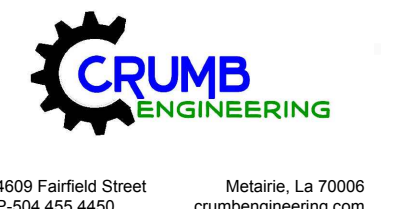
KITCHEN EXHAUST SYSTEM

Provide and install a complete kitchen exhaust duct system from kitchen hood collar to exhaust fan.

- All kitchen exhaust and dishwasher exhaust duct work shown on plans shall be constructed of 18 gauge 304 stainless steel with a liquidtight continuous external weld. Ductwork shall conform to NFPA 96 requirements. Slope duct towards hoods.
- Provide labeled, gasketed access panels as required by NFPA-96. Spacing of access panels not large enough for personnel entry shall not exceed 12 ft. Access panels shall be grease-tight and rated for 1500 degrees F. On main kitchen duct riser coordinate access panel locations in vertical duct with architectural access door on each floor.
- Ductwork shall be supported by a minimum 18 gauge 304 stainless steel at intervals determined by SMACNA standards. Bolts, screws, rivets, and other mechanical fasteners shall not penetrate duct walls.

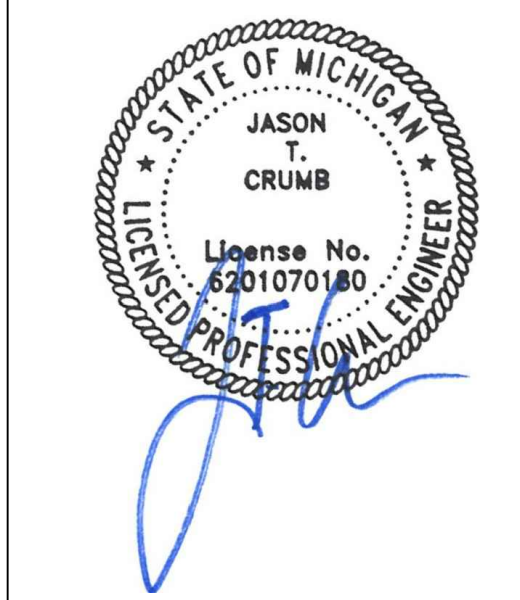


SMOKEY BONES
UTICA, MI



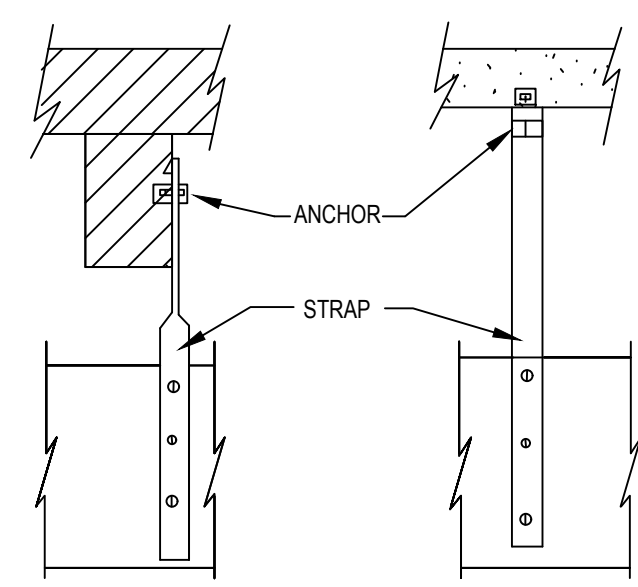
4009 Fairless Street
P.O. Box 455-4450
Metairie, LA 70006
crumbengineering.com

COPYRIGHT
THESE DOCUMENTS ARE PROTECTED BY UNITED STATES COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT. ALL RIGHTS ARE RESERVED TO ARCHITECTURE.



REVISIONS NO. DATE	PROJECT NO. IA 2119
	SHEET
	M3.0

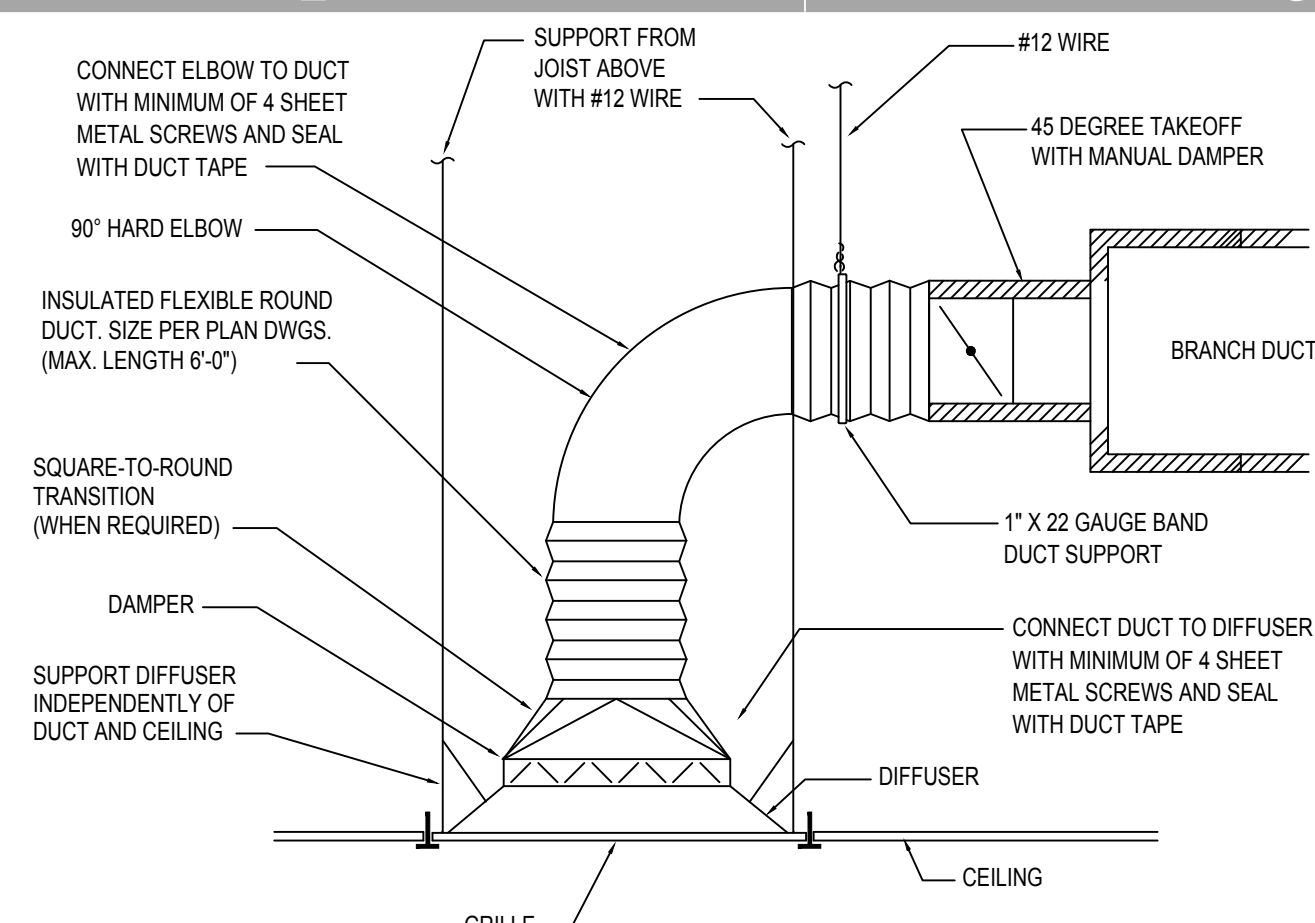
DATE 11/10/2021



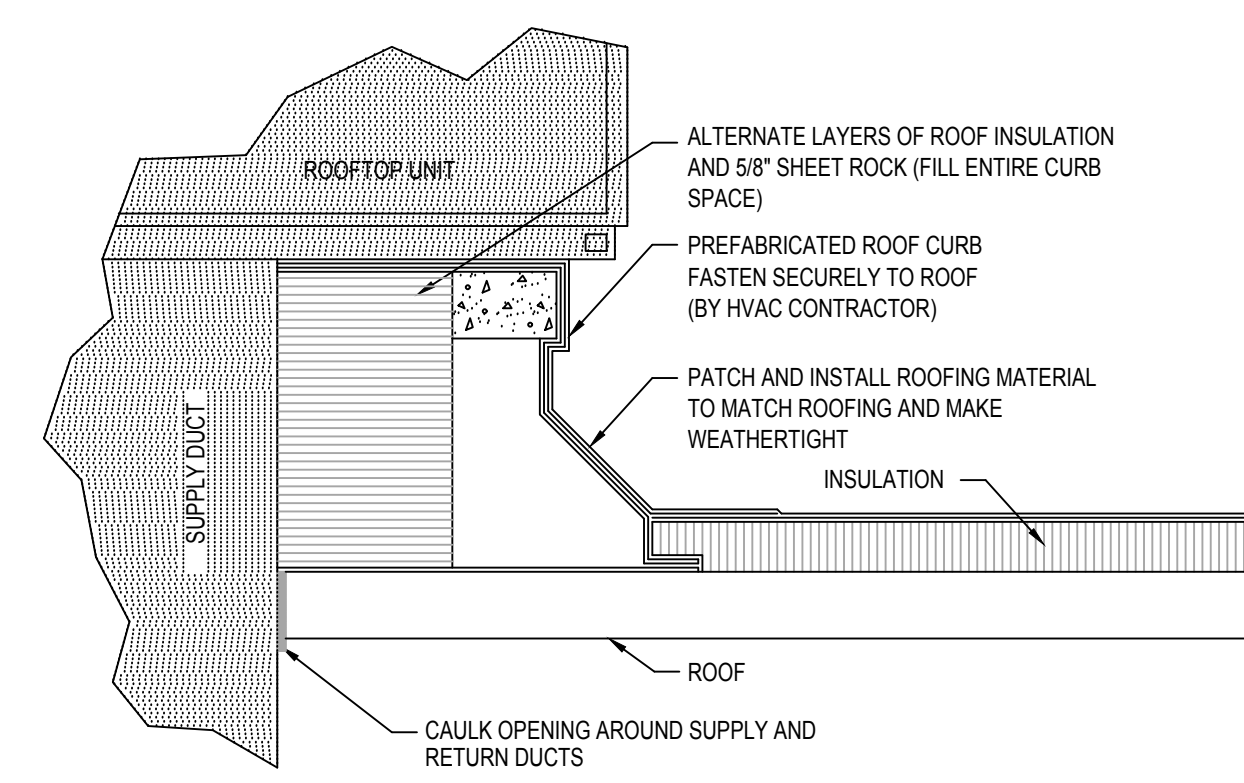
SIZING

MAX SIDE OF DUCT TO 30" OVER 30"	STRAP SIZE 1"X1/8" GA. 1"X 1/8"	SPACING 10'-0" O.C. 10'-0" O.C.
----------------------------------	---------------------------------	---------------------------------

1 DUCT SUPPORT DETAIL
M3.1 N.T.S.



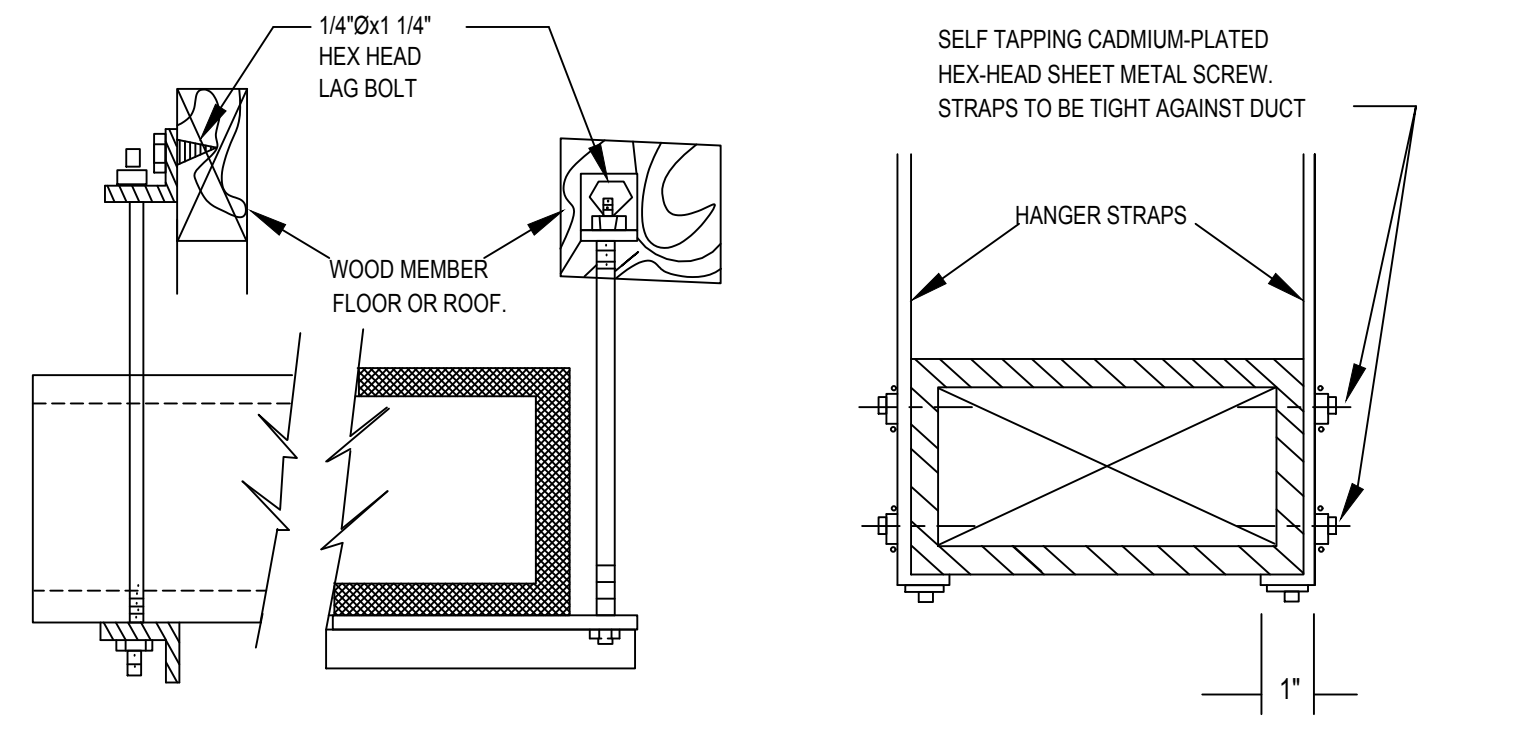
2 SUPPLY DIFFUSER INSTALLATION DETAIL (FLEXIBLE DUCT)
M3.1 N.T.S.



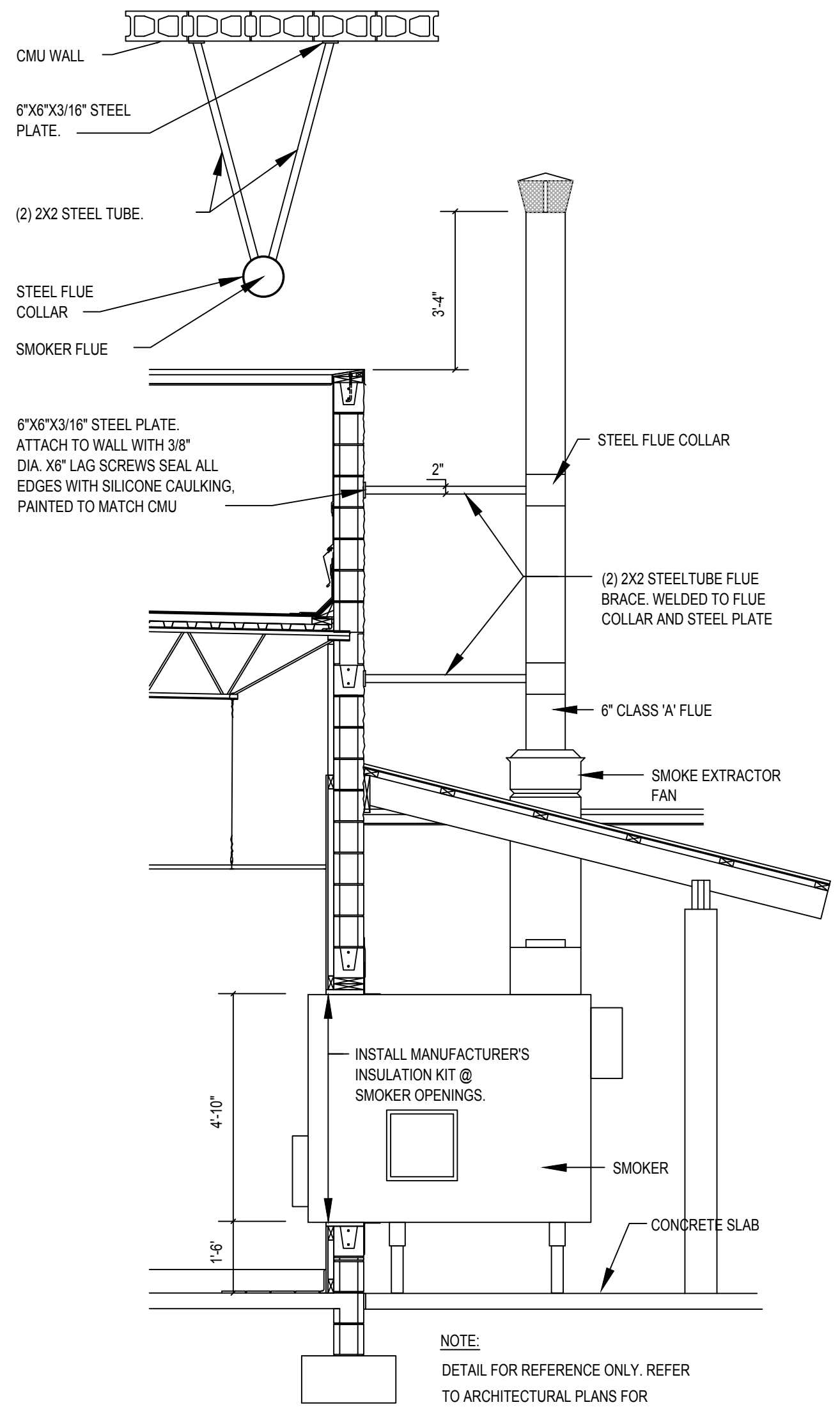
3 ROOF CURB DETAIL
M3.1 N.T.S.

HANGER SIZES FOR RECTANGULAR DUCTS

MAXIMUM SIDE	HANGER	HORIZONTAL SUPPORT ANGLE	MAXIMUM SPACING
30"	1" x 1/8 GAGE STRAP	NONE REQUIRED	10'-0"
36"	1/4" ROUND ROD	1 1/2"x1 1/2"x1/8"	8'-0"
48"	1/4" ROUND ROD	2"x2"x1/8"	8'-0"
60"	5/16" ROUND ROD	2"x2"x1/8"	8'-0"



4 DUCT HANGER
M3.1 N.T.S.



5 SMOKER DETAIL
M3.1 N.T.S.

NOTE:
DETAIL FOR REFERENCE ONLY. REFER TO ARCHITECTURAL PLANS FOR CONSTRUCTION NOTES AND DETAILS.

1 MECHANICAL SCHEDULES AND DETAILS
M3.1 NO SCALE

HOOD NO.	TAG	MODEL	MANUFACTURER	LENGTH	MAX COOKING TEMP.	TYPE	APPLIANCE DUTY	DESIGN CFM/FT	TOTAL EXH CFM	EXHAUST PLENUM (RSERIES)				HOOD CONSTRUCTION	HOOD CORNER	
										WIDTH	LENG	HEIGHT	SP			
1	Fryers	5430 ND-2	CAPTIVEAIRE	9' 0"	450	I	MEDIUM	175	1575	4"	14"	1575	1473	-0.510"	430 SS WHERE EXPOSED	LEFT ALONE
2	Grill	5430 ND-2	CAPTIVEAIRE	9' 0"	600	I	HEAVY	253	2400	4"	18"	2400	1719	-0.890"	430 SS WHERE EXPOSED	RIGHT ALONE
3	Prep	6030 ND-2	CAPTIVEAIRE	9' 0"	400	I	MEDIUM	150	1350	4"	12"	1350	1719	-0.540"	430 SS WHERE EXPOSED	ALONE ALONE
4	Dish	4830 VHB-G	CAPTIVEAIRE	7' 0"	700	II	N/A	107	800	4"	10"	400	733	-0.040"	304 SS 100%	ALONE ALONE

HOOD NO.	TAG	TYPE	FILTERS	QTY	HEIGHT	LENGTH	EFFICIENCY @ 7 MICRONS	QTY	WIRE GUARD	LOCATION	SIZE	UTILITY CABINET(S)		ELECTRICAL	SWITCHES	FIRE SYSTEM PIPING	HOOD HANGING WEIGHT
												TYPE	SIZE				
1	Fryers	CAPTRATE SOLO FILTER	6	20"	18"	85% SEE FILTER SPEC	3	L55 SERIES E26	NO								511 LBS
2	Grill	CAPTRATE SOLO FILTER	7	20"	18"	85% SEE FILTER SPEC	3	L55 SERIES E26	NO								533 LBS
3	Prep	CAPTRATE SOLO FILTER	6	20"	18"	85% SEE FILTER SPEC	5	L55 SERIES E26	NO	RIGHT	12"x60"x30"	TANK FS	4.0	DCV-3011	1 LIGHT 1 FAN	YES	893 LBS
4	Dish						0			LEFT	12"x60"x30"					NO	289 LBS

HOOD NO.	TAG	OPTION
1	Fryers	FIELD WRAPPER 11.00" HIGH FRONT, LEFT. RISER SENSOR INSTALL 6IN PLEN. LEFT WIDE VERTICAL END PANEL 42" TOP WIDTH, 36" BOTTOM WIDTH, 80" HIGH INSULATED 430 SS
2	Grill	FIELD WRAPPER 11.00" HIGH FRONT, RIGHT. RISER SENSOR INSTALL 3IN DBL. RIGHT WIDE VERTICAL END PANEL 42" TOP WIDTH, 36" BOTTOM WIDTH, 80" HIGH INSULATED 430 SS
3	Prep	FIELD WRAPPER 11.00" HIGH FRONT, LEFT, RIGHT. RIGHT QUARTER END PANEL 23" TOP WIDTH, 0" BOTTOM WIDTH, 23" HIGH 430 SS. RISER SENSOR INSTALL 6IN PLEN. LEFT WIDE VERTICAL END PANEL 42" TOP WIDTH, 36" BOTTOM WIDTH, 80" HIGH INSULATED 430 SS
4	Dish	FIELD WRAPPER 11.00" HIGH FRONT, LEFT, RIGHT.

CAPTIVE-AIRE HOODS ARE BUILT IN COMPLIANCE WITH

NFPA #96
UL 710 & ULCT710 STANDARDS
E.T.L. LISTED 3054804-001

ELECTRICIAN NOTES :

All Hood/Fan/EMS/UDS/PCU electrical connections and interconnections to be provided and installed by Electrician. Electrician to provide, install, and land wiring between hood lights, hood temp sensors, remote Anslul system microswitches, and any other component requiring an electrical connection to the Captive-Aire electrical package.

Failure by the Electrician to make ALL required electrical connections and interconnections will result in the electrical controls not working properly. Any loss of failed test as a result of electrical controls not working properly is the responsibility of the Electrician.

Light bulbs for kitchen hoods to be provided and installed by electrician.

- GENERAL NOTES :**
- ELECTRICAL HOOD-UP TO GAS MOTOR CONTROLS (MOTOR STARTERS, FAN SWITCHES, FAN DISCONNECTS, RELAYS, ETC.) BY OTHERS.
 - FIRE CHASE BY OTHERS, IF REQUIRED.
 - ALL PHASES OF INSTALLATION SHALL COMPLY WITH NFPA 96.
 - WRITTEN MEASUREMENTS HAVE PRECEDENCE OVER SCALE.
 - PROVIDE CLEANOUTS IN EXHAUST AIR DUCTS AS INDICATED TO ALLOW CLEANING AT ALL BENDS AND HORIZONTAL RUNS.
 - EXHAUST DUCT TO BE 16 GA. GAV STEEL.
 - ALL SEAMS AND JOINTS TO HAVE A LIQUID TIGHT JOINT USING EXTERNAL WELD.
 - FAN TO HAVE A MINIMUM OF 10 FT. OF CLEARANCE FROM THE OUTLET TO ADJACENT BUILDINGS, PROPERTY LINES, AIR INTAKES OR 3 FT. VERTICAL CLEARANCE PER NFPA 96.
 - HORIZONTAL EXHAUST DUCT TO SLOPE NOT LESS THAN 1/4" PER FOOT TOWARD HOOD FOR DUCT LESS THAN 75' LONG.
 - 1" PER FOOT SLOPE FOR DUCT LONGER THAN 75' ON ALL OPEN SIDES.
 - EXHAUST DUCT TO BE PROTECTED FROM COMBUSTIBLES PER NFPA AND LOCAL CODE.
 - BUILDING PRESSURE SHALL NOT EXCEED 0.02" WATER COLUMN AT EXTERIOR DOORS.
 - KITCHEN SHALL BE BALANCED TO BE NEGATIVE WITH RESPECT TO THE DINING ROOM.

FOR QUESTIONS, CALL THE
SOUTHWEST FLORIDA REGIONAL OFFICE
4519 GEORGE RD., SUITE 150, TAMPA, FL 33634
PHONE: (800)378-2471 FAX: (813)354-4825

CUSTOMER APPROVAL TO MANUFACTURE:

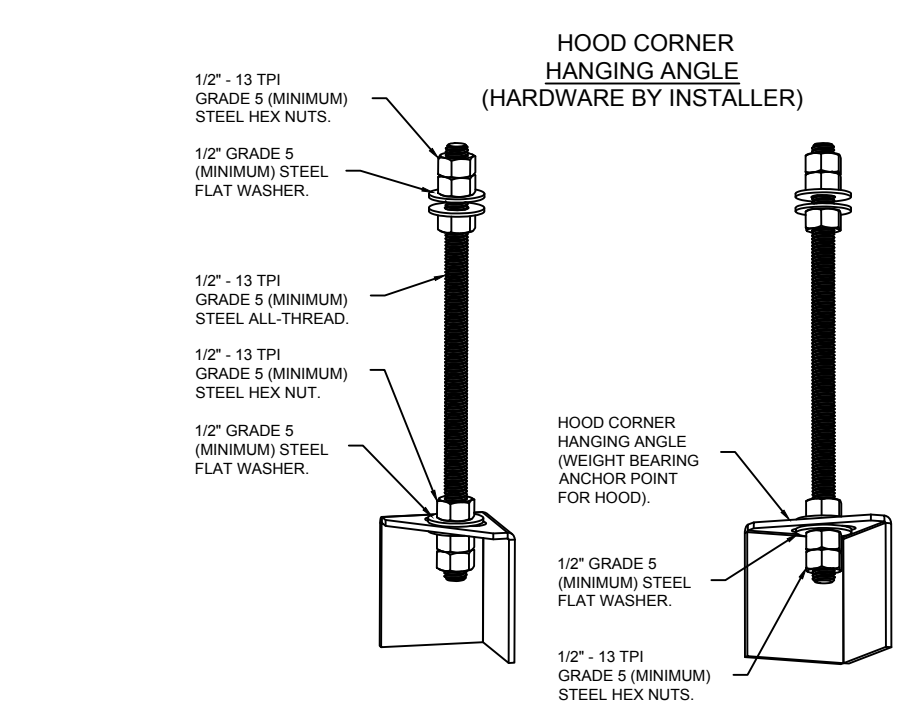
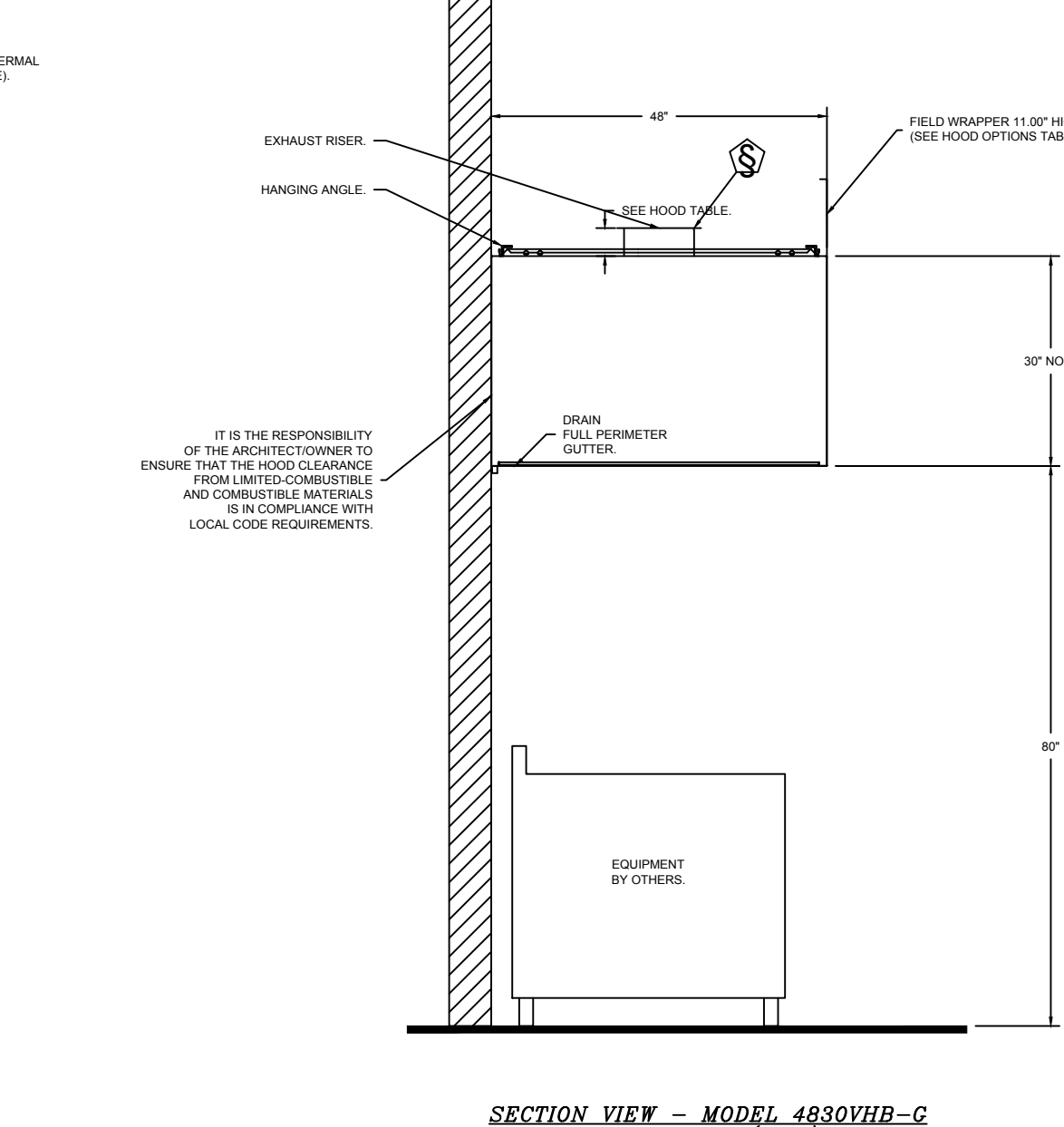
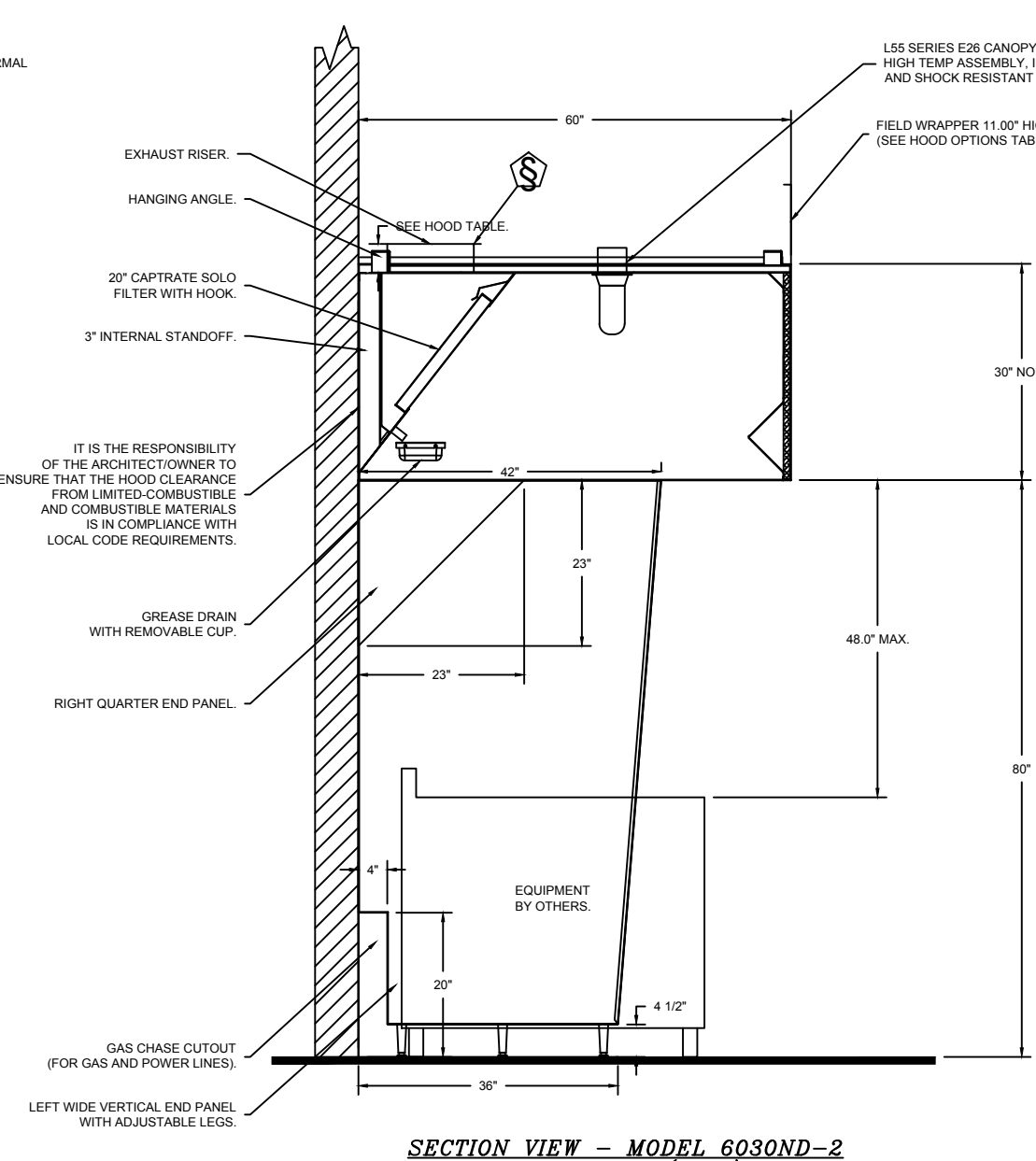
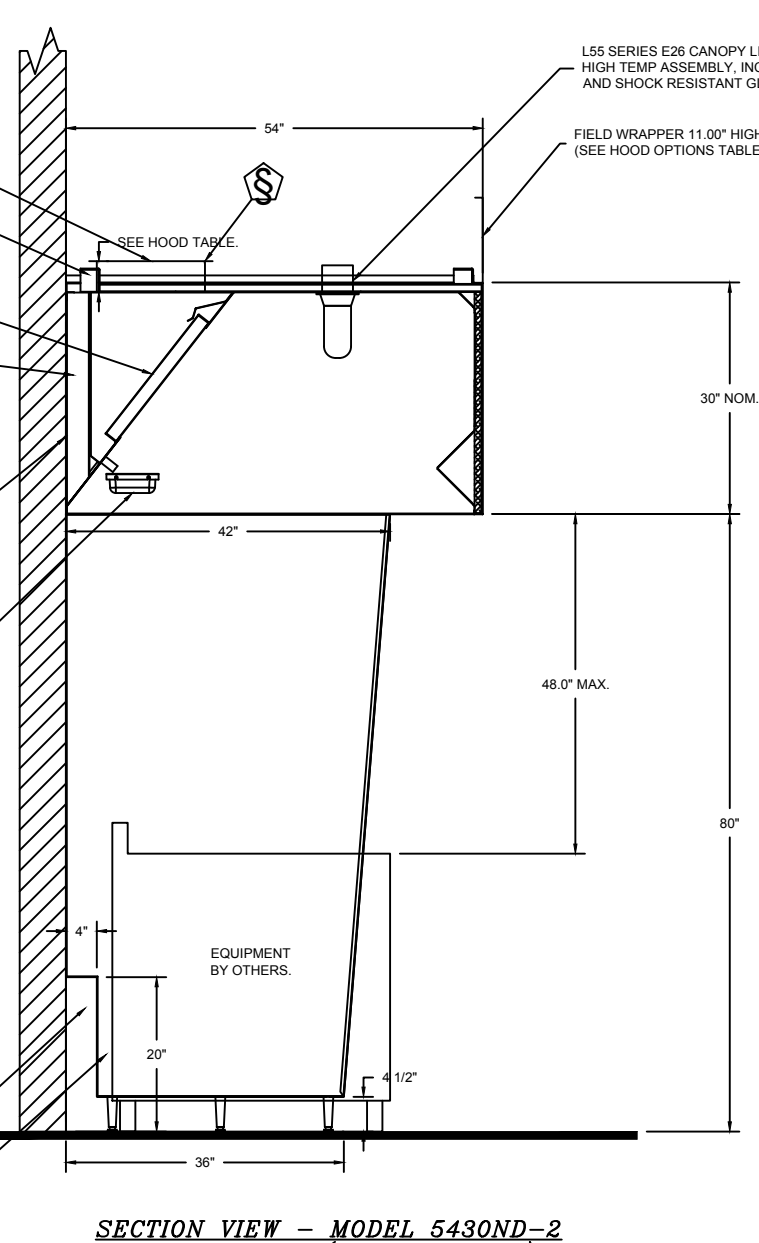
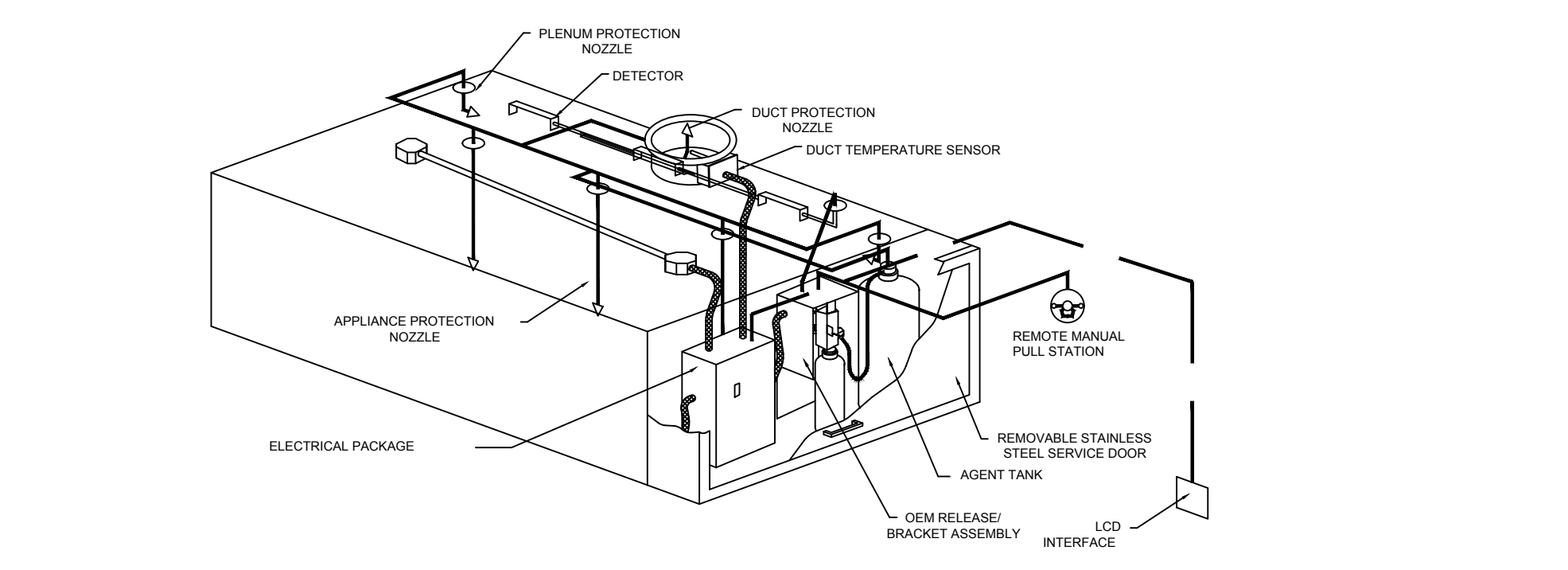
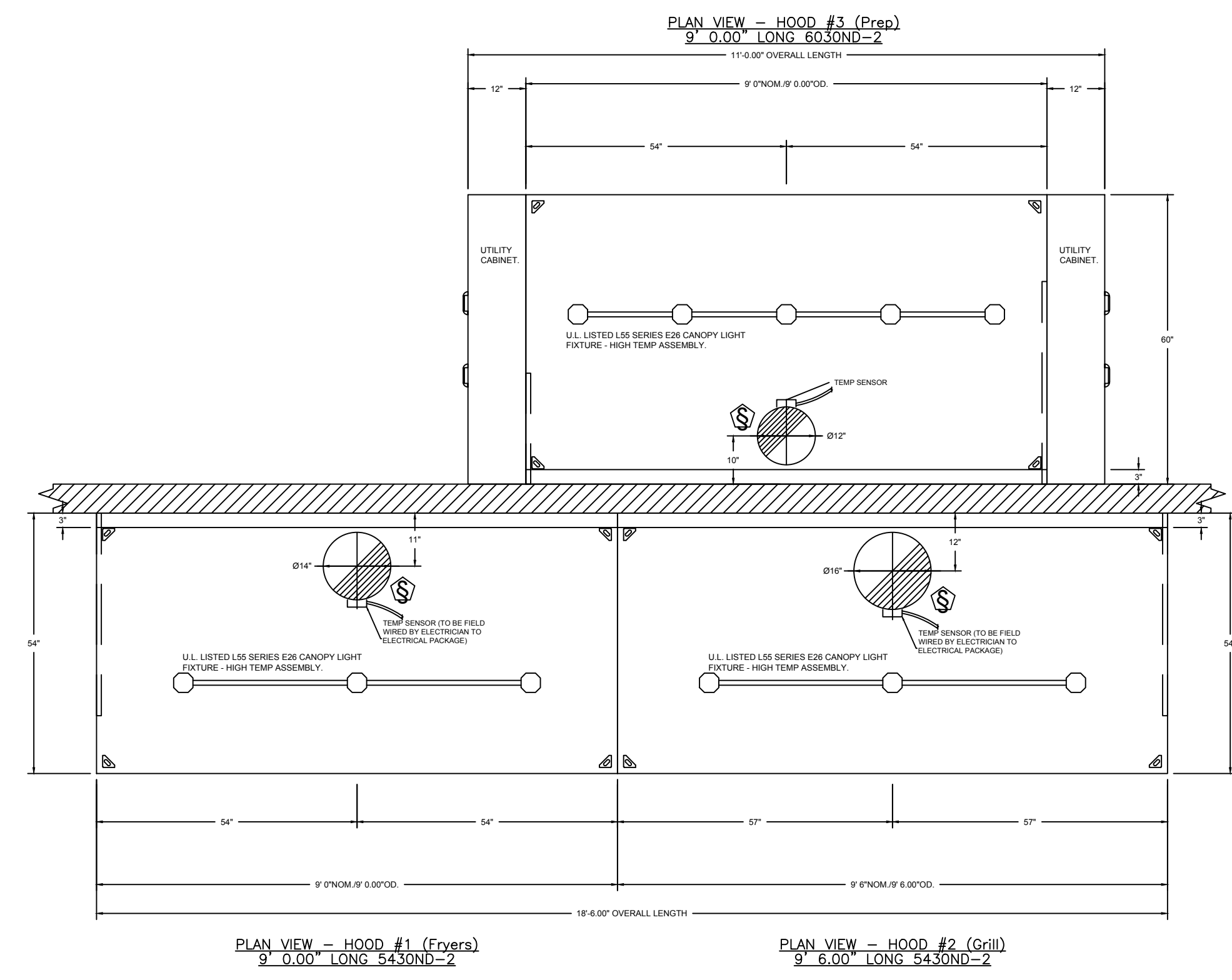
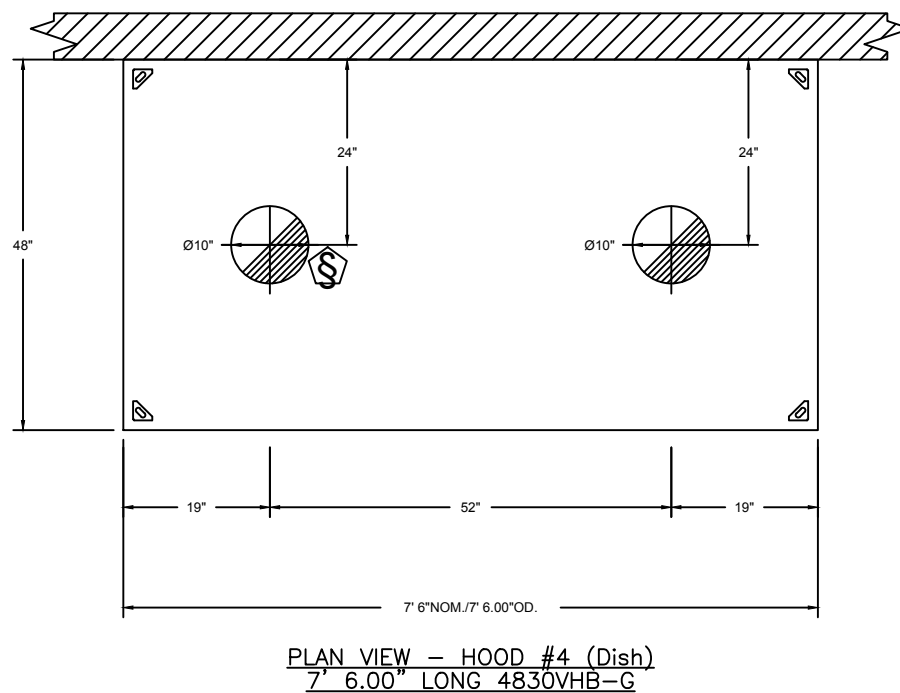
Approved as Noted

Approved with NO Exception Taken

Revise and Resubmit

SIGNATURE _____ DATE _____

Your Title _____



ASSEMBLY INSTRUCTIONS

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

REVISIONS

NO.	DATE	DESCRIPTION
1	11/8/21	Added RTU-1&2 and restroom fan

CAPTIVEAIRE
www.captiveaire.com
National Accounts - Tampa
4519 George Road, Suite 150, Tampa, FL 33634 PHONE: (813) 906-2112 EMAIL: reg840@captiveaire.com

Smokey Bones Rev1
45001 Schoenherr Rd,
Utica, MI, 48315

DATE: 10/22/2021
DWG.#: 5150263
DRAWN BY: Dan Luddy
SCALE: 1/2" = 1'-0"
MASTER DRAWING

SHEET NO.
1

IA ARCHITECTURE

SMOKEY BONES
UTICA, MI

CRUMB ENGINEERING
4509 Fairfield Street Metairie, LA 70009
P.504.455.4450 crumbengineering.com

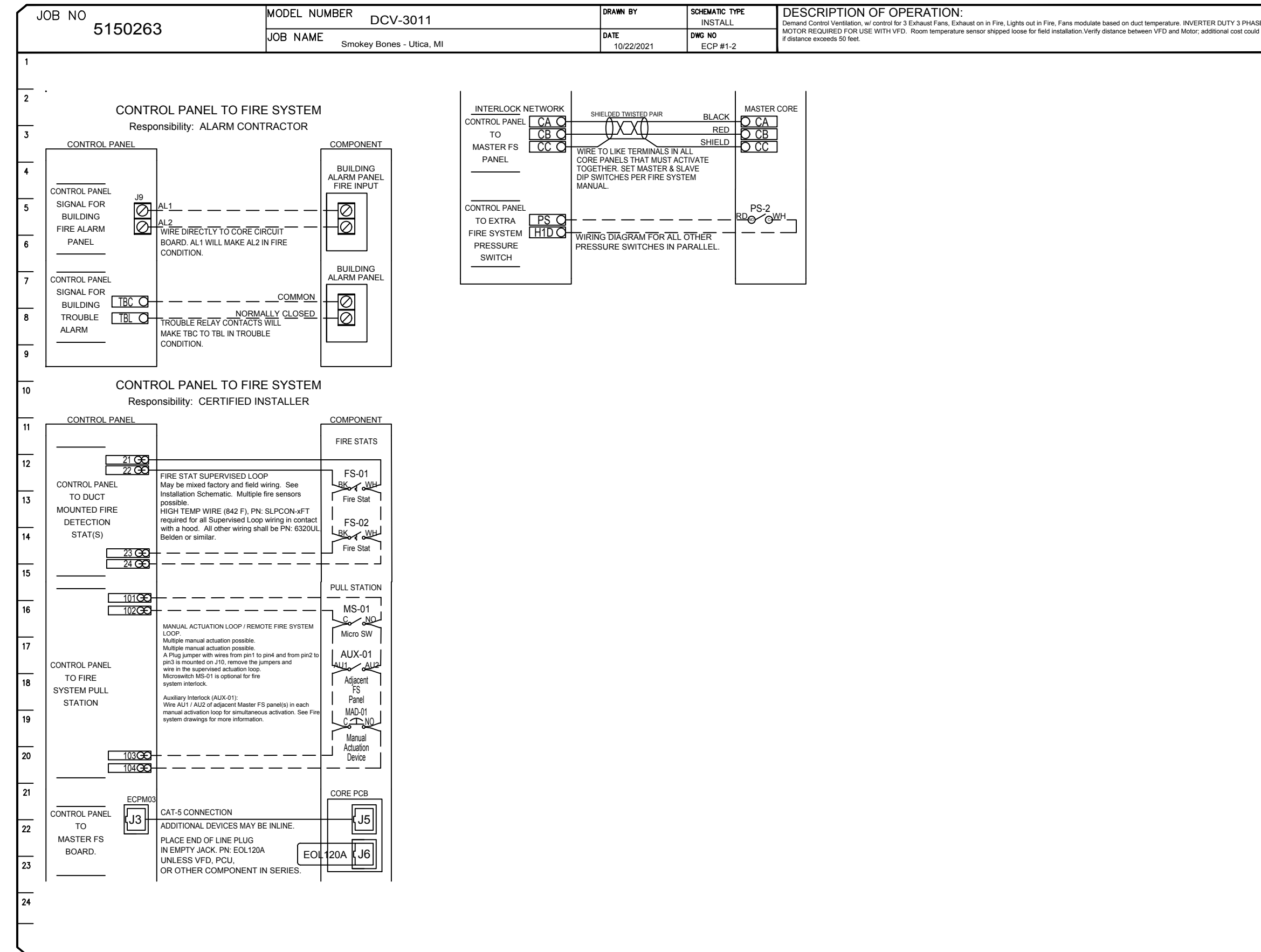
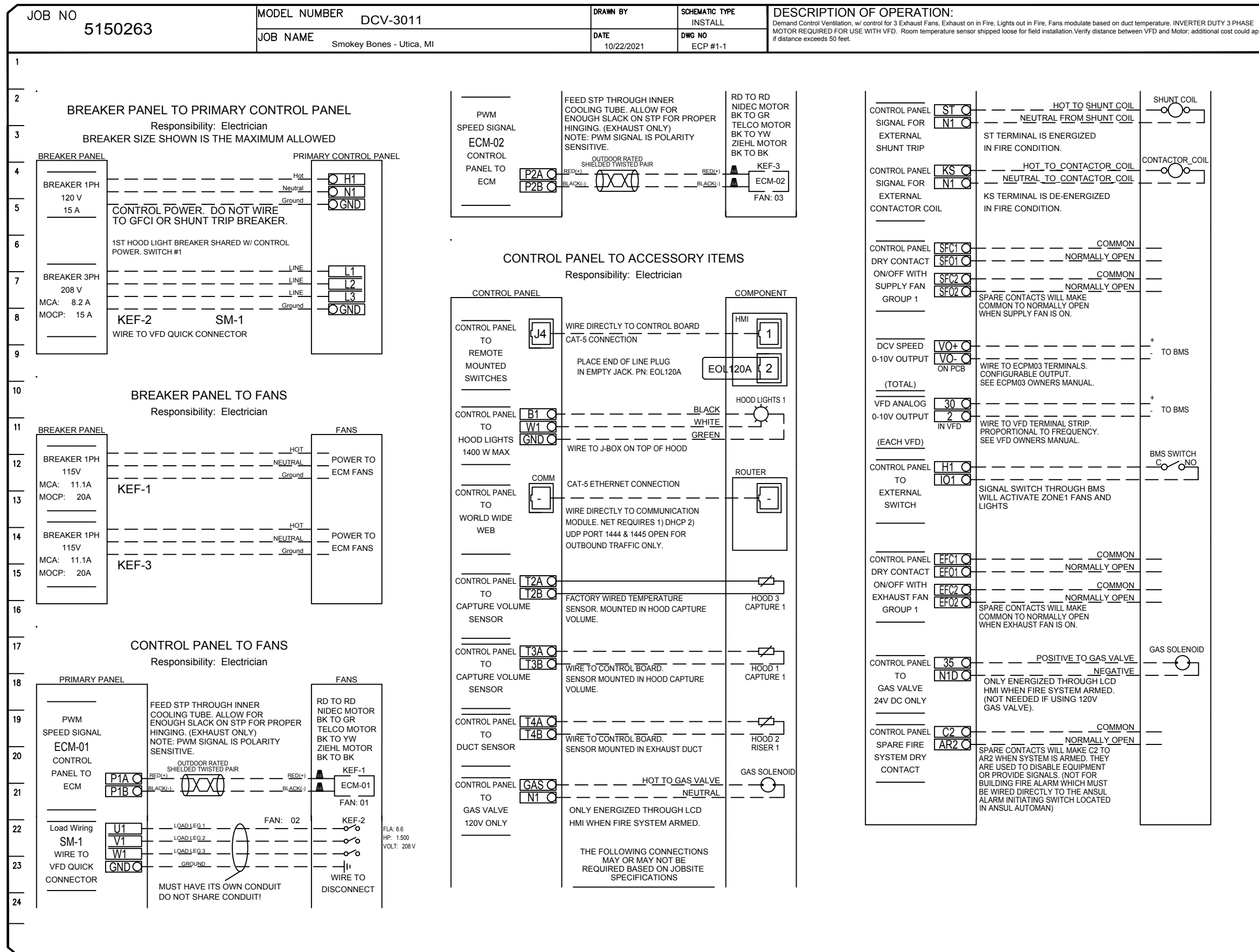
STATE OF MICHIGAN
JASON T. CRUMB
License No. 6201070180
PROFESSIONAL ENGINEER

REVISIONS NO. DATE PROJECT NO. IA 2119 SHEET M4.0

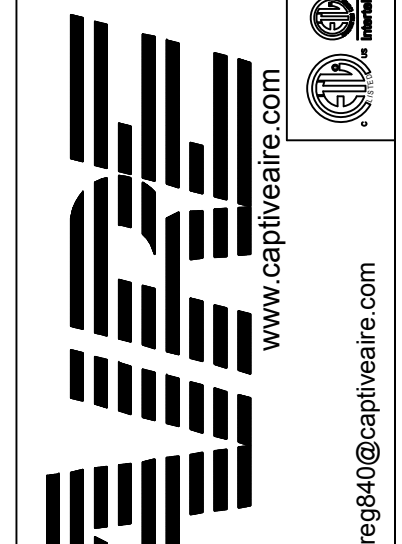
DATE 11/10/2021

ELECTRICAL PACKAGE - JOB#5150263

NO	TAG	PACKAGE #	LOCATION	SWITCHES		OPTION	FANS CONTROLLED								
				LOCATION	QUANTITY		FAN TAG	TYPE	Ø	HP	VOLT	FLA			
1		DCV-3011	UTILITY CABINET RIGHT	08 - SHIP LOOSE W/ PREWIRE	1 LIGHT	SMART CONTROLS DCV									
					1 FAN		KEF-1	EXHAUST	1	0.750	115	8.9			
							KEF-2	EXHAUST	3	1.500	208	6.6			
							KEF-3	EXHAUST	1	0.750	115	8.9			



REVISIONS		DATE
1	DESCRIPTION: Added RU-1&2 and restroom fan	11/9/21

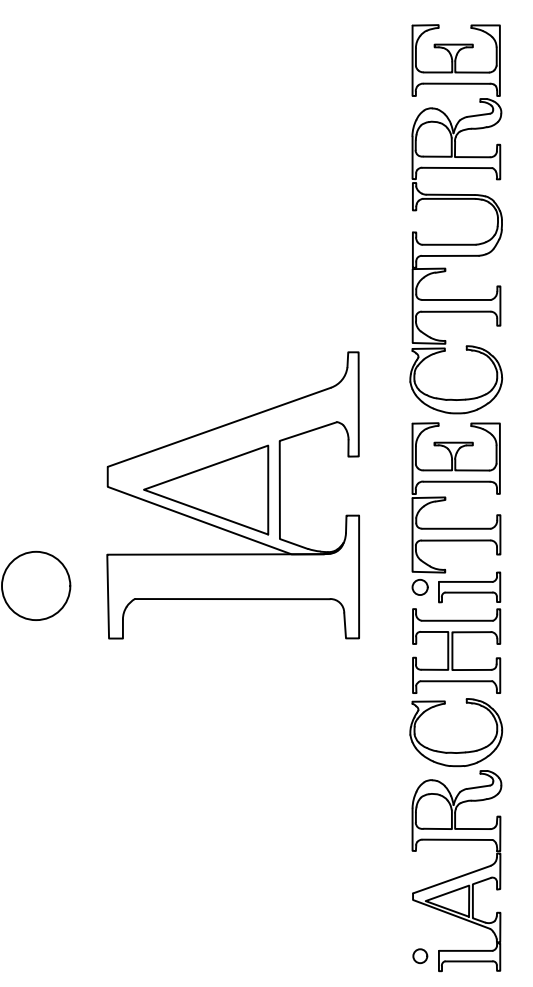


National Accounts - Tampa
 4519 George Road, Suite 150, Tampa, FL 33634 PHONE: (813) 906-2112 EMAIL: reg95@captivaire.com

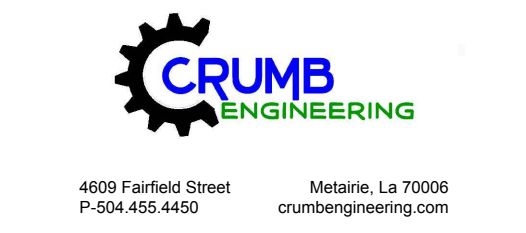
Smokey Bones Rev1
 45001 Schoenherr Rd,
 Utica, MI, 48315

DATE: 10/22/2021
 DWG.#: 5150263
 DRAWN BY: Dan Luddy
 SCALE: 1/2" = 1'-0"
 MASTER DRAWING

SHEET NO.
 2



SMOKEY BONES
 UTICA, MI



4609 Fairfield Street Metairie, La 70006
 P-504.455.4450 crumbengineering.com

COPYRIGHT
 THESE DOCUMENTS ARE PROTECTED BY UNITED STATES COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT. ALL RIGHTS ARE RESERVED TO ARCHITECTURE.



REVISIONS
 NO. DATE
 PROJECT NO: IA 2119
 SHEET
 M4.1

DATE 11/10/2021

FAN #8 CASRTU3-I.500-20-20T-DOAS - HEATER (KITCHEN DOAS)

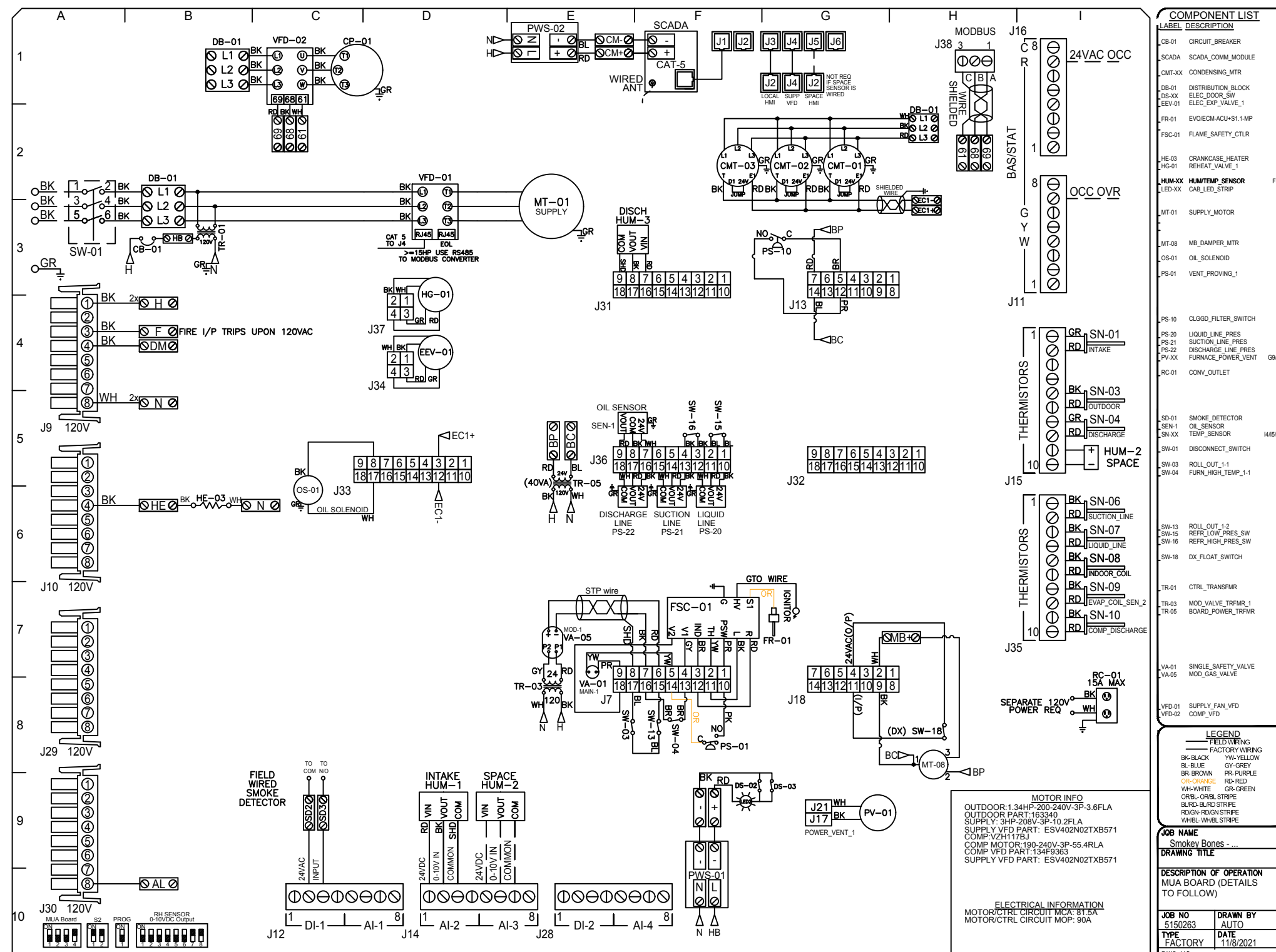
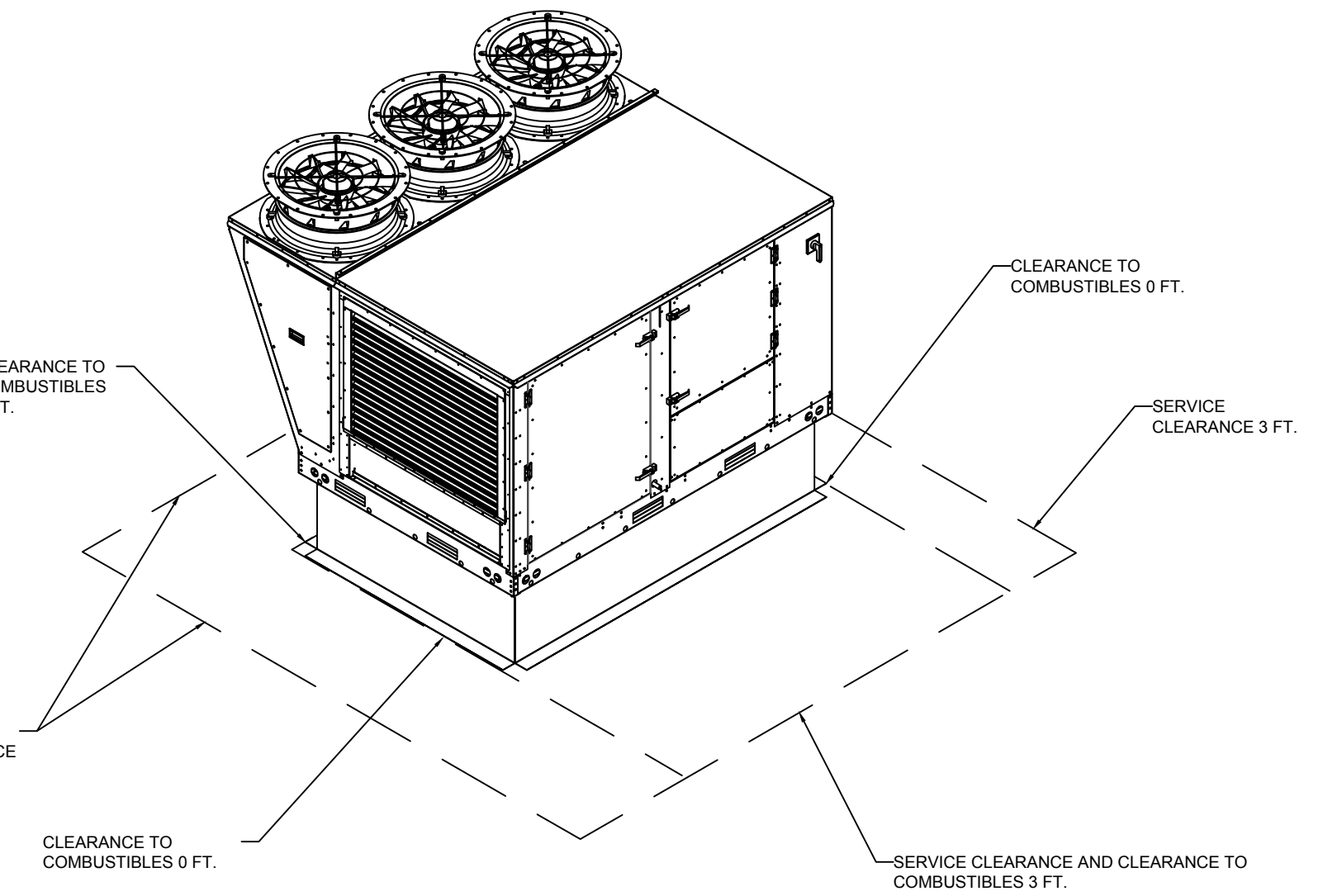
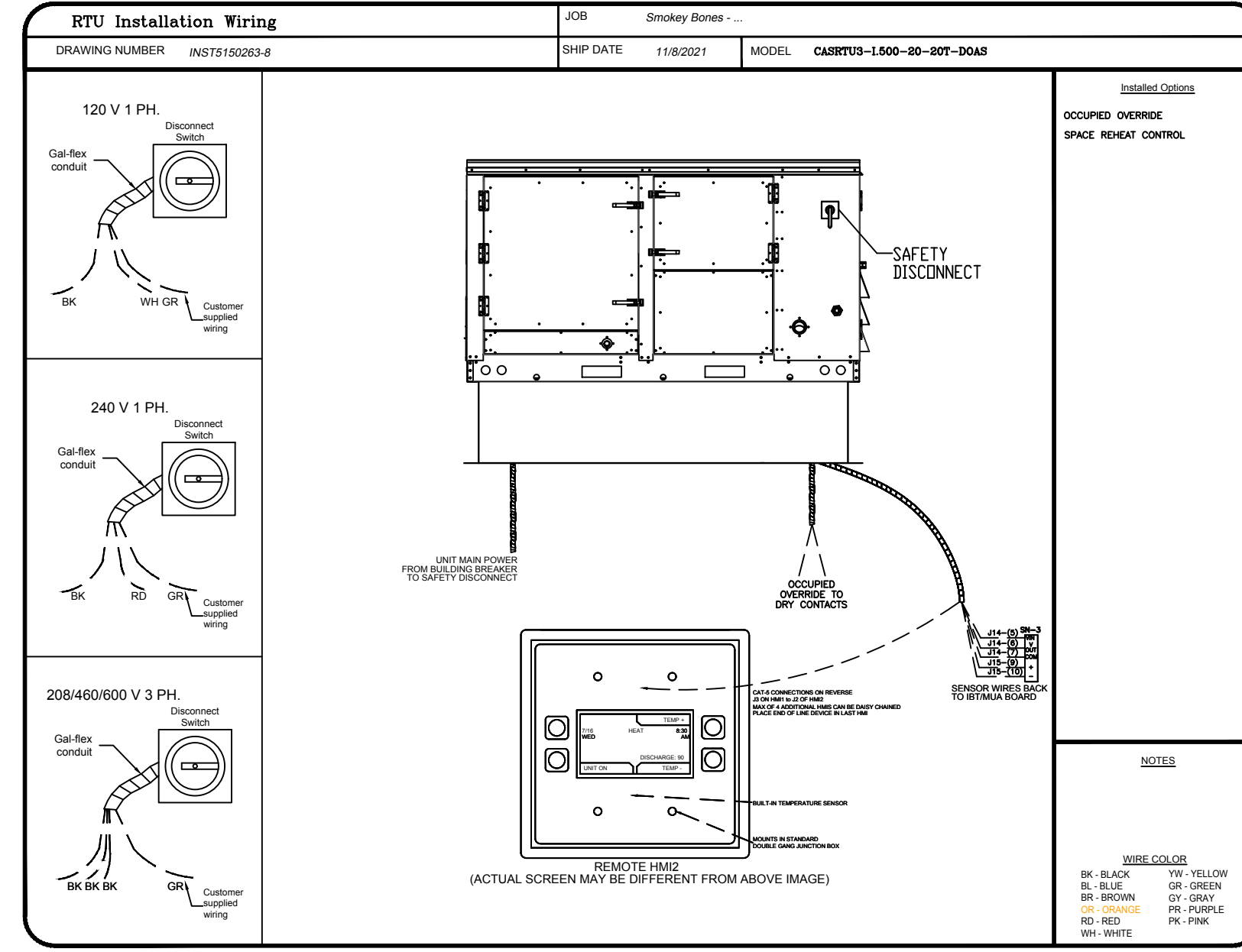
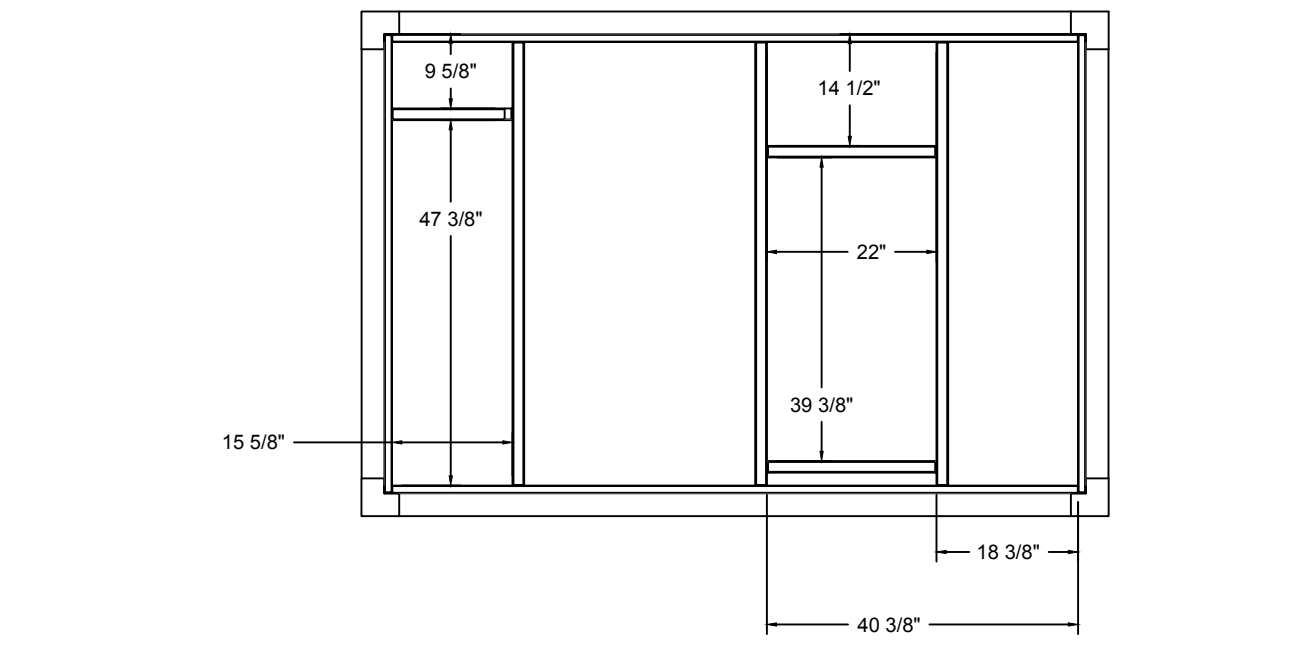
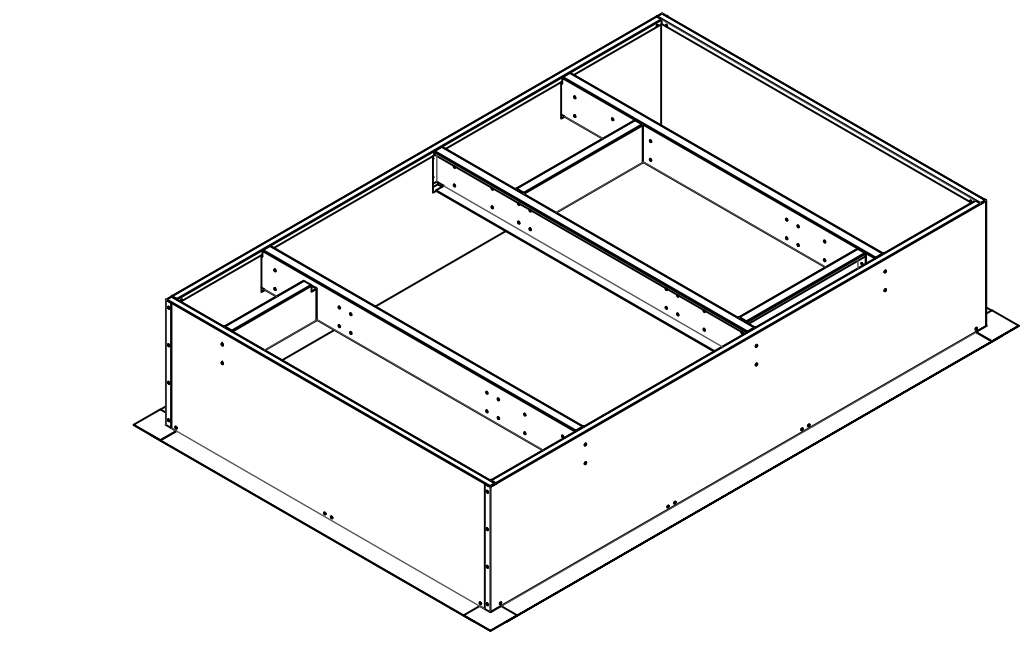
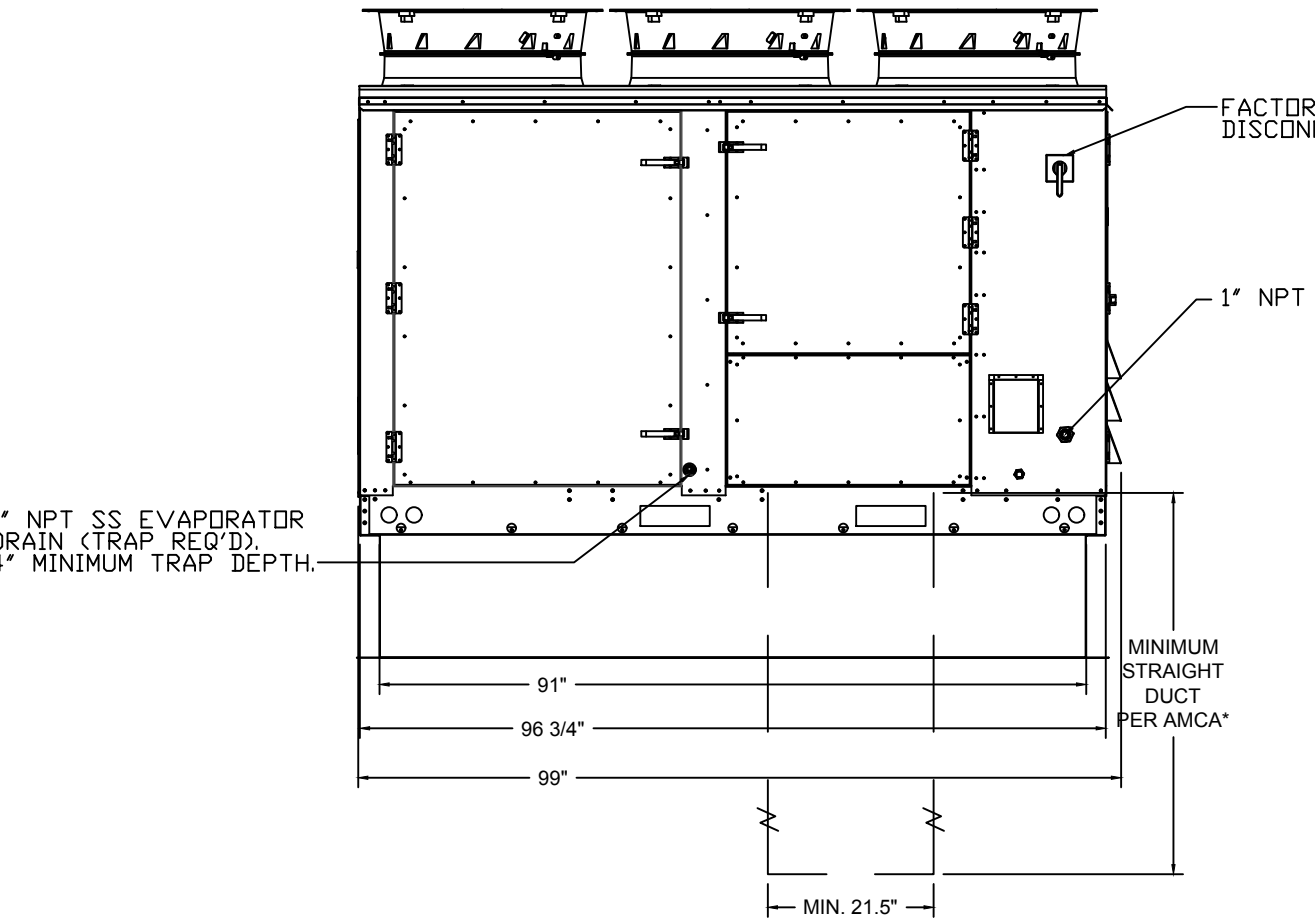
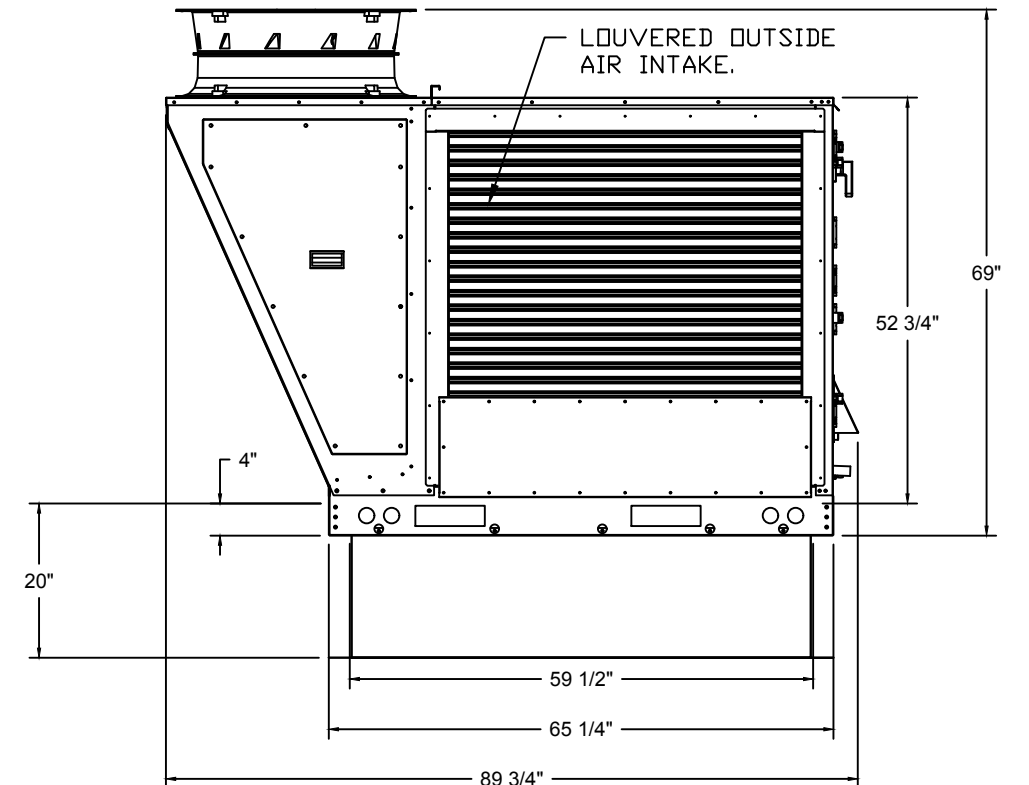
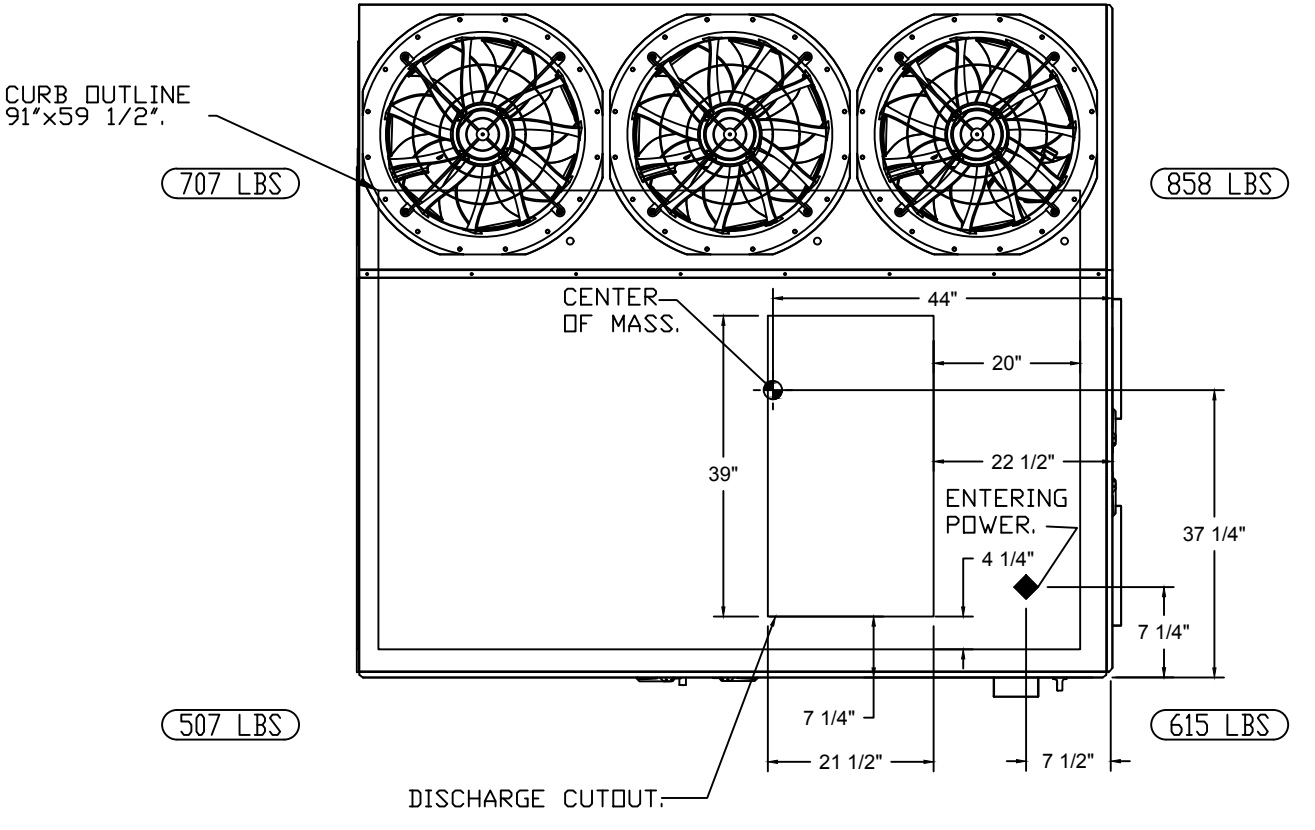
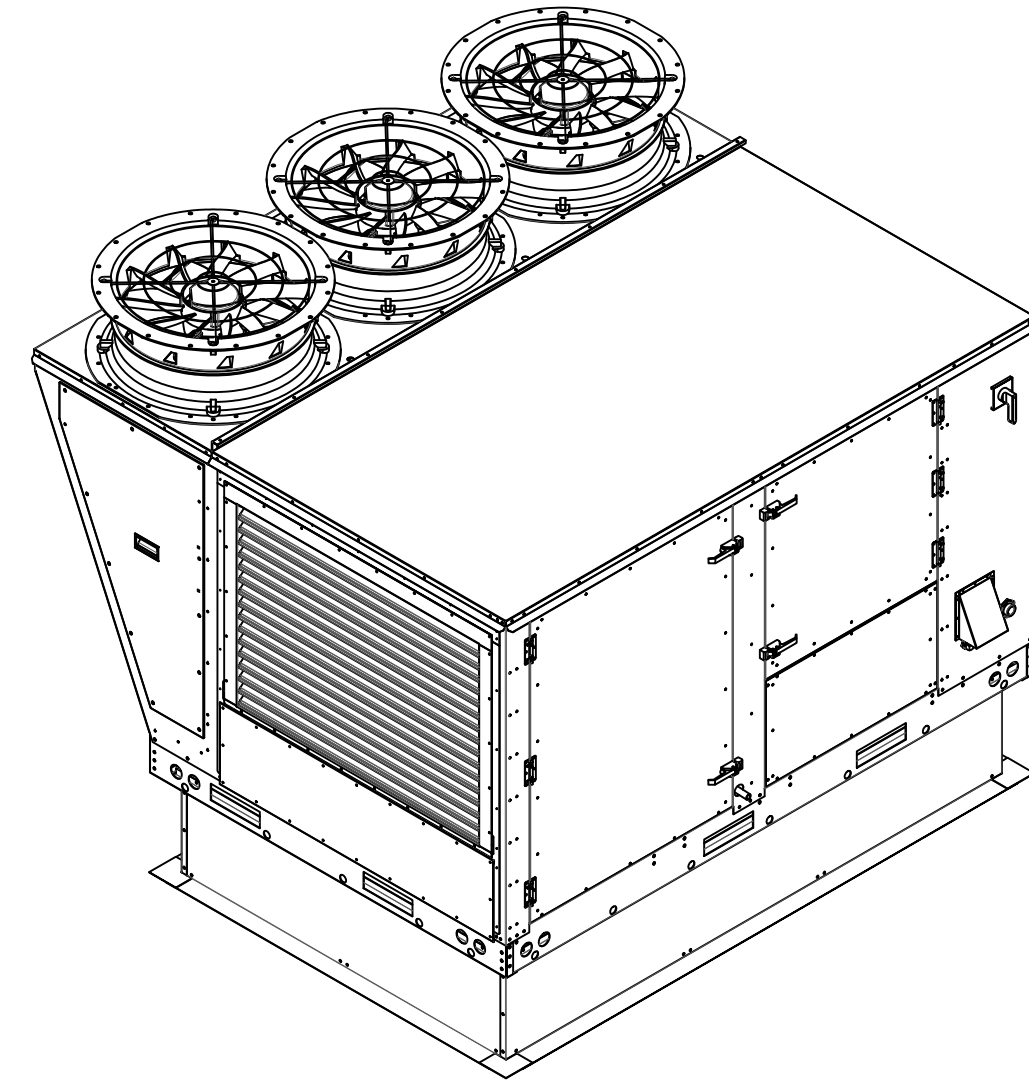
NOTES:

- DO NOT OBSTRUCT OUTSIDE AIR INLET, OUTSIDE AIR COIL OR OUTSIDE AIR FAN.
- DENOTES CORNER WEIGHT.
- ROOF OPENING MUST BE 2" SMALLER THAN CURB DIMENSIONS IN BOTH DIRECTIONS.

*NOTE: SUPPLY DUCT MUST BE INSTALLED TO MEET SMACNA STANDARDS. A MINIMUM STRAIGHT DUCT LENGTH MUST BE MAINTAINED DOWNSTREAM OF UNIT DISCHARGE AS OUTLINED IN AMCA PUBLICATION 201. WHEN USING RECTANGULAR DUCTWORK, ELBOWS MUST BE RADIUS THROAT, RADIUS BACK WITH TURNING VANES. FLEXIBLE DUCTWORK AND SQUARE THROAT/SQUARE BACK ELBOWS SHOULD NOT BE USED. ANY TRANSITION AND/OR TURNS IN THE DUCTWORK WILL CAUSE SYSTEM EFFECT. SYSTEM EFFECT WILL DRASTICALLY INCREASE STATIC PRESSURE AND REDUCE AIRFLOW. DO NOT RELY ON UNIT TO SUPPORT DUCT IN ANY WAY. FAILURE TO PROPERLY SIZE DUCTWORK MAY CAUSE SYSTEM EFFECTS AND REDUCE PERFORMANCE OF THE EQUIPMENT. SUGGESTED STRAIGHT DUCT SIZE IS 21.5" x 39".

OPTIONS

- INLET PRESSURE GAUGE, 0-35".
- MANIFOLD PRESSURE GAUGE, 0 TO 10" WC, 1 FURNACE.
- RTU TOTAL CFM MONITORING.
- SINGLE POINT ELECTRICAL CONNECTION FOR RTU. 750VA TRANSFORMER USED. IF A NON-DCV PREWIRE CONTROLS THIS UNIT, THE #28, #47, "MA", OR "E2" PREWIRE OPTION MUST BE SELECTED. DOES NOT PROVIDE SUPPLY STARTER IN PREWIRE.
- CASLINK BUILDING MONITORING SYSTEM - INTERNET OR CELLULAR CONNECTION REQUIRED.
- RTU3 DOWN DISCHARGE.
- 2" MERV 13 FILTERS FOR RTU3 (QTY. 4).
- 2" MERV 8 FILTERS FOR RTU3 (QTY. 4).
- OVERHEAT STAT.
- VFD FACTORY MOUNTED AND WIRED IN RTU COMMERCIAL CONTROL VESTIBULE.
- RTU FIXED 100% OA INTAKE CONTROL.
- RTU3 NO RETURN - 100% OA.
- RTU3 CURB DUCT HANGER.
- OCCUPIED SCHEDULING.
- CLOGGED FILTER SWITCH - NOTIFICATION ON HMI.
- RTU3 CONVENIENCE OUTLET (GFCI), 15 AMP - REQUIRES SEPARATE 120V CONNECTION. INCLUDES RECEPTACLE, COVER AND J-BOX.
- FREEZESTAT.
- REMOTE TEMPERATURE AND HUMIDITY SPACE SENSOR.
- VAV PACKAGE W/ MANUAL/DDC CONTROL (571 VFD INCLUDED).
- DUCT MOUNTED SMOKE DETECTOR - SHIPS LOOSE.
- 20 TON MODULATING COOLING OPTION, 208/230V. R410A REFRIGERANT, VARIABLE SPEED COMPRESSOR, ECM CONDENSING FANS.
- 20 TON MODULATING REHEAT OPTION - SPACE DEWPOINT CONTROL.
- 20 ENTIRE UNIT PARTS WARRANTY, 10 YEAR ENTIRE UNIT PARTS WARRANTY WITH REMOTE MONITORING AND CAPTIVEAIRE SERVICE CONTRACT, 25 YEAR STAINLESS STEEL FURNACE PARTS WARRANTY (SEE ADDITIONAL DETAILS).



REVISIONS

NO.	DATE	DESCRIPTION	DATE
1	11/8/21	Added RTU-1E2 and restroom fan	

CAPTIVEAIRE

SMOKEY BONES

UTICA, MI

45001 Schoenherr Rd, Utica, MI, 48315

DATE: 10/22/2021

DWG.#: 5150263

DRAWN BY: Dan Luddy

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

MASTER DRAWING

SHEET NO. 4

PROJECT NO: IA 2119

SHEET M4.3

DATE 11/10/2021

1 CAPTIVEAIRE SCHEDULES AND DETAILS (OWNER FURNISHED - RECEIVED AND INSTALLED BY CONTRACTOR)

IA ARCHITECTURE

SMOKEY BONES

UTICA, MI

CRUMB ENGINEERING

4609 Fairfield Street, Metairie, La 70006, P.504.455.4450, crumbengineering.com

STATE OF MICHIGAN

JASON T. CRUMB

License No. 6201070180

LICENSED PROFESSIONAL ENGINEER

FAN #9 (RTU-1) - CASRTU3-1400-24-15T-DOAS HEATER

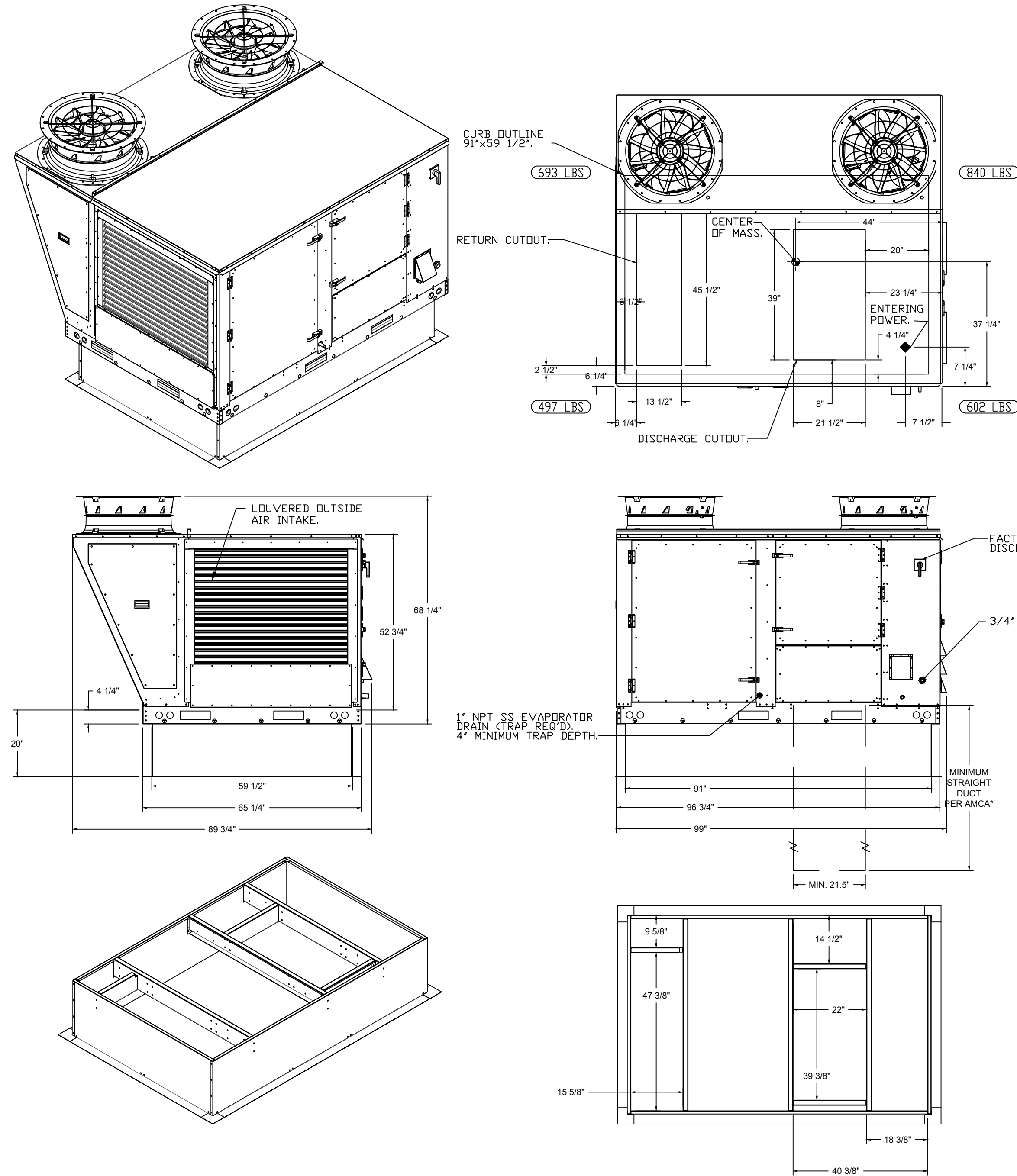
NOTES:

- DO NOT OBSTRUCT OUTSIDE AIR INLET, OUTSIDE AIR COIL OR OUTSIDE AIR FAN.
- DENOTES CORNER WEIGHT.
- ROOF OPENING MUST BE 2" SMALLER THAN CURB DIMENSIONS IN BOTH DIRECTIONS.

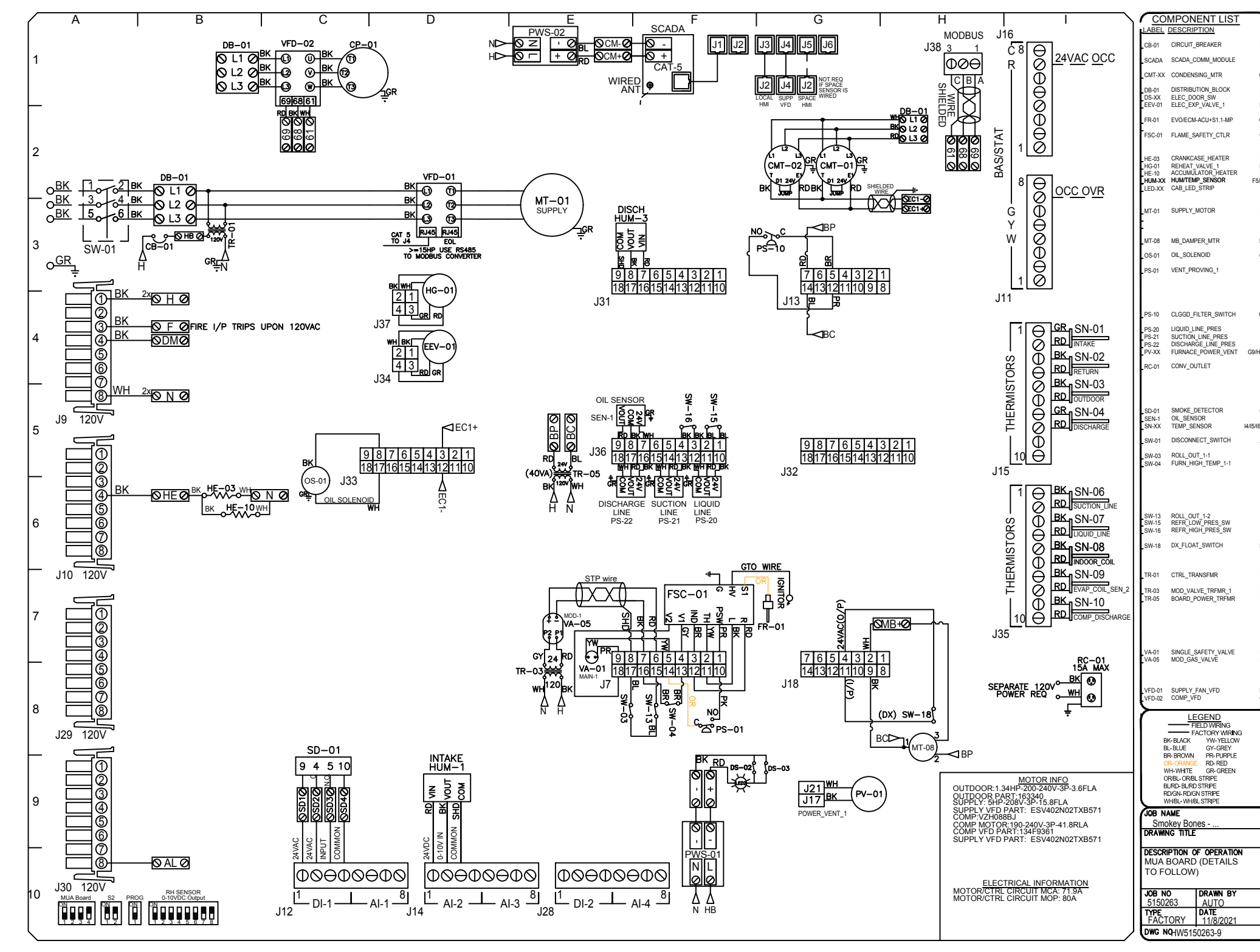
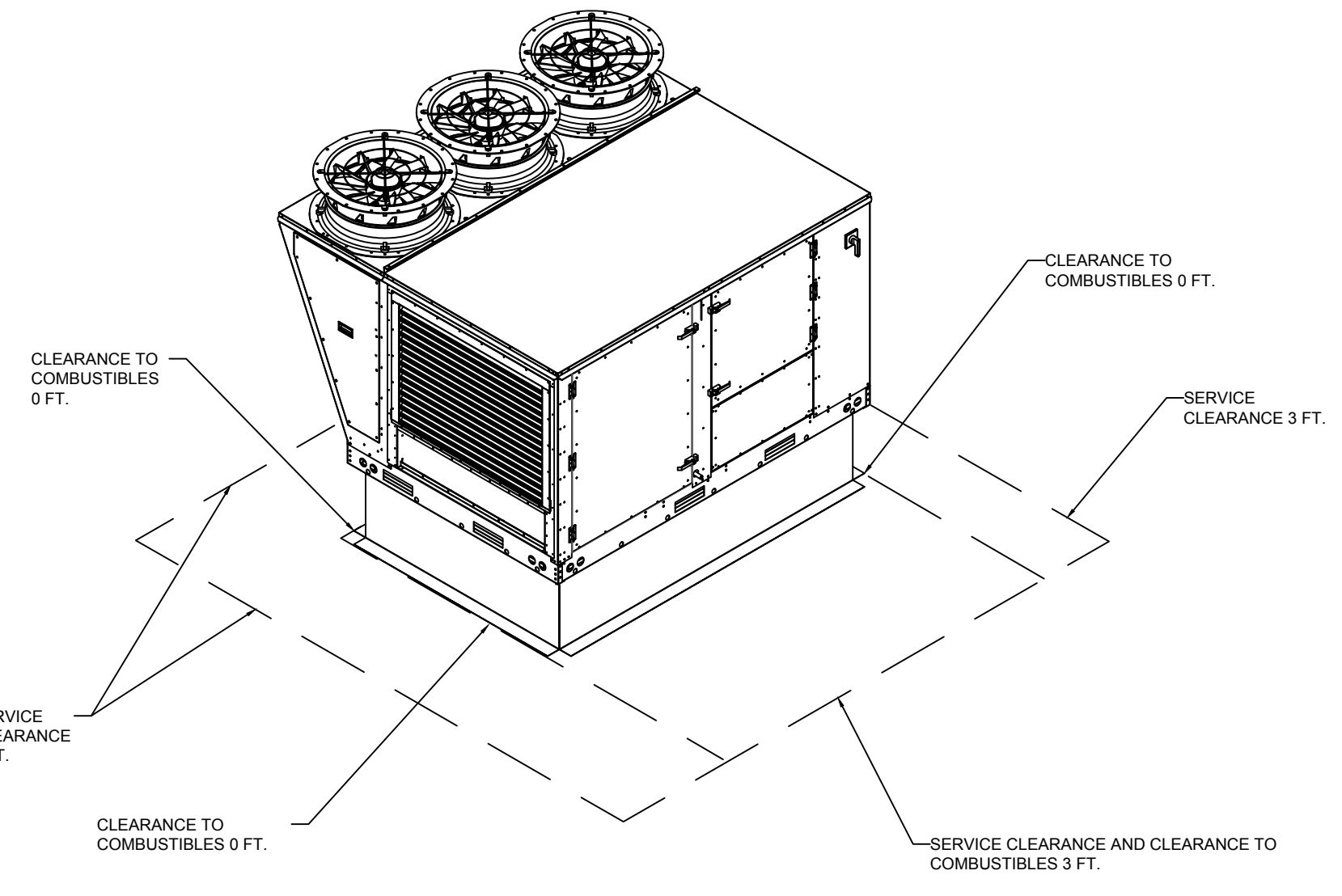
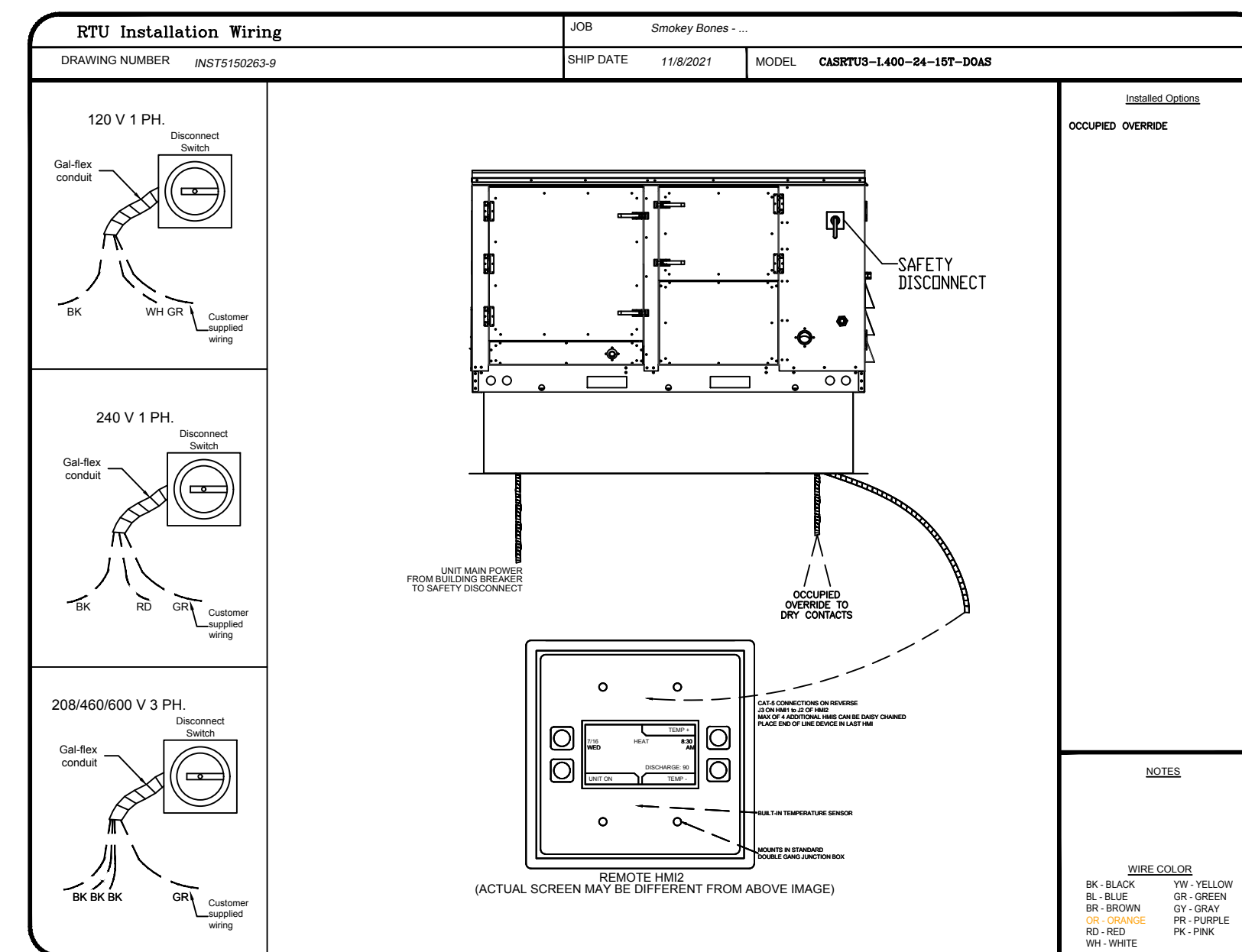
*NOTE: SUPPLY DUCT MUST BE INSTALLED TO MEET SMACNA STANDARDS. A MINIMUM STRAIGHT DUCT LENGTH MUST BE MAINTAINED DOWNSTREAM OF UNIT DISCHARGE AS OUTLINED IN AMCA PUBLICATION 201. WHEN USING RECTANGULAR DUCTWORK, ELBOWS MUST BE RADIUS THROAT, RADIUS BACK WITH TURNING VANES. FLEXIBLE DUCTWORK AND SQUARE THROAT/SQUARE BACK ELBOWS SHOULD NOT BE USED. ANY TRANSITION AND/OR TURNS IN THE DUCTWORK WILL CAUSE SYSTEM EFFECT. SYSTEM EFFECT WILL DRASTICALLY INCREASE STATIC PRESSURE AND REDUCE AIRFLOW. DO NOT RELY ON UNIT TO SUPPORT DUCT IN ANY WAY. FAILURE TO PROPERLY SIZE DUCTWORK MAY CAUSE SYSTEM EFFECTS AND REDUCE PERFORMANCE OF THE EQUIPMENT. SUGGESTED STRAIGHT DUCT SIZE IS 21.5" X 39".

OPTIONS

- INLET PRESSURE GAUGE, 0-35".
- MANIFOLD PRESSURE GAUGE, 0 TO 10" WC, 1 FURNACE.
- RTU TOTAL CFM MONITORING.
- SINGLE POINT ELECTRICAL CONNECTION FOR RTU. 750VA TRANSFORMER USED. IF A NON-DCV PREWIRE CONTROLS THIS UNIT, THE #28, #47, "MA", OR "E2" PREWIRE OPTION MUST BE SELECTED. DOES NOT PROVIDE SUPPLY STARTER IN PREWIRE.
- CASLINK BUILDING MONITORING SYSTEM - INTERNET OR CELLULAR CONNECTION REQUIRED.
- LOW AMBIENT COOLING OPERATION - DOWN TO 15F AMBIENT.
- RTU3 DOWN DISCHARGE.
- 2" MERV 13 FILTERS FOR RTU3 (QTY. 4).
- 2" MERV 8 FILTERS FOR RTU3 (QTY. 4).
- OVERHEAT STAT.
- VFD FACTORY MOUNTED AND WIRED IN RTU COMMERCIAL CONTROL VESTIBULE.
- FREEZESTAT.
- OCCUPIED SCHEDULING.
- RTU3 CURB DUCT HANGER.
- RTU RETURN MOUNTED SMOKE DETECTOR AND SAMPLING TUBE - FACTORY INSTALLED.
- CLOGGED FILTER SWITCH - NOTIFICATION ON HMI.
- SUPPLY DUCT ADJUSTMENT.
- RTU3 CONVENIENCE OUTLET (GFCI), 15 AMP - REQUIRES SEPARATE 120V CONNECTION. INCLUDES RECEPTACLE, COVER AND J-BOX.
- 15 TON MODULATING COOLING OPTION, 208/230V. R410A REFRIGERANT, VARIABLE SPEED COMPRESSOR, ECM CONDENSING FANS.
- 15 TON MODULATING REHEAT OPTION - SPACE DEWPOINT CONTROL.
- RTU INTAKE/RETURN DAMPER - MANUAL CONTROL VIA HMI.
- RTU3 DOWN RETURN.
- VAV PACKAGE W/ MANUAL/DDC CONTROL (571 VFD INCLUDED).
- 24.5 YEAR ENTIRE UNIT PARTS WARRANTY, 10 YEAR ENTIRE UNIT PARTS WARRANTY WITH REMOTE MONITORING AND CAPTIVEAIRE SERVICE CONTRACT, 25 YEAR STAINLESS STEEL FURNACE PARTS WARRANTY (SEE ADDITIONAL DETAILS).



1 CAPTIVEAIRE SCHEDULES AND DETAILS (OWNER FURNISHED - RECEIVED AND INSTALLED BY CONTRACTOR)



REVISIONS

NO.	DATE	DESCRIPTION
1	11/8/21	Added RTU-142 and restroom fan

CAPTIVEAIRE
www.captiveaire.com
National Accounts - Tampa
4519 George Road, Suite 150, Tampa, FL 33634 PHONE: (813) 906-2112 EMAIL: reg40@captiveaire.com

Smokey Bones Rev1
45001 Schoenherr Rd,
Utica, MI, 48315

DATE: 10/22/2021
DWG.#: 5150263
DRAWN BY: Dan Luddy
SCALE: 1/2" = 1'-0"
MASTER DRAWING

SHEET NO. 5

CRUMB ENGINEERING
4609 Fairfield Street P.O. Box 445,4450 Metairie, La 70006 crumbengineering.com

IA ARCHITECTURE

SMOKEY BONES
UTICA, MI

STATE OF MICHIGAN
JASON T. CRUMB
License No. 6201070180
LICENSED PROFESSIONAL ENGINEER

REVISIONS: NO. DATE
PROJECT NO: IA 2119
SHEET M4.4
DATE 11/10/2021

FAN #10 (RTU-2) - CASRTU3-1.400-24-15T-DOAS HEATER

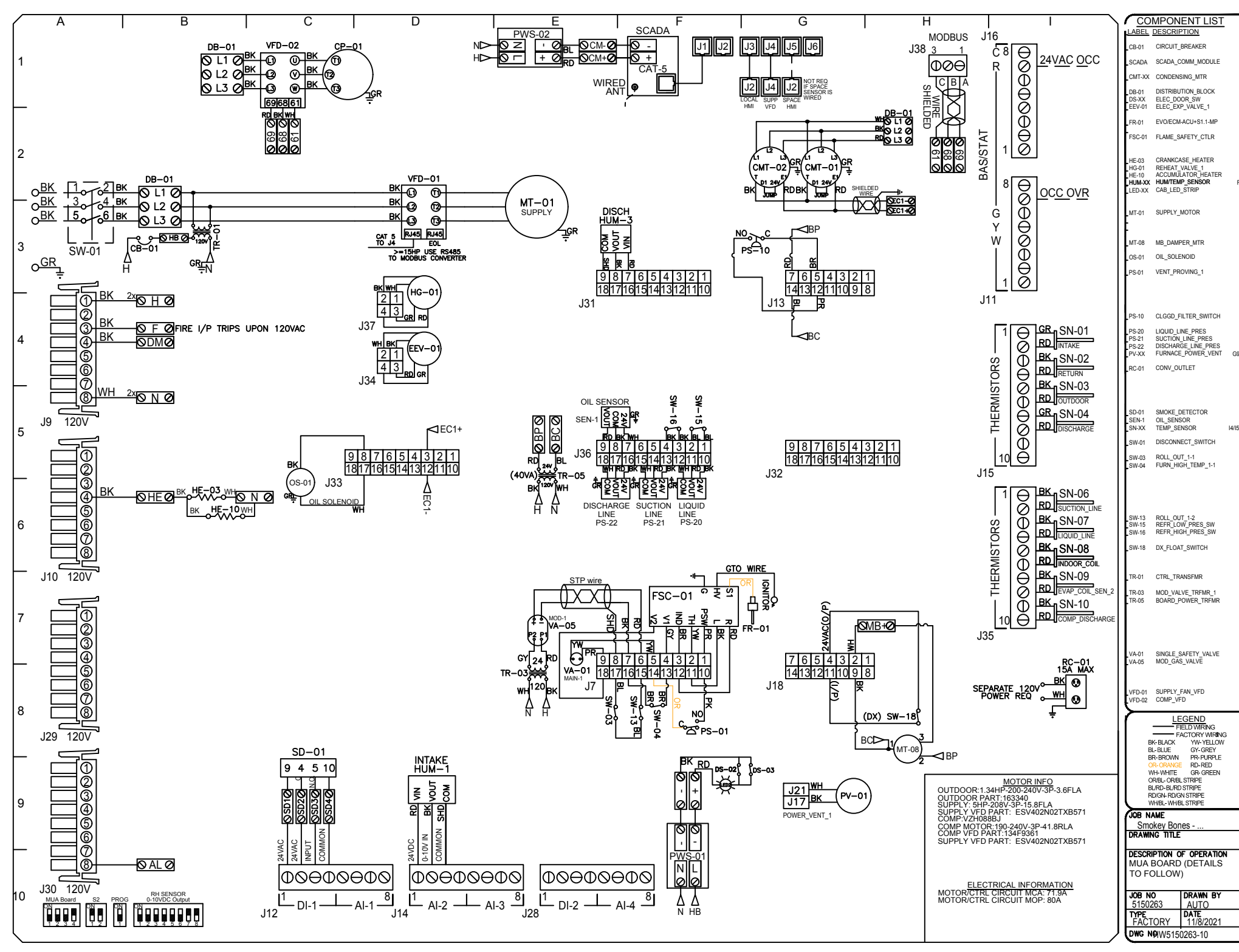
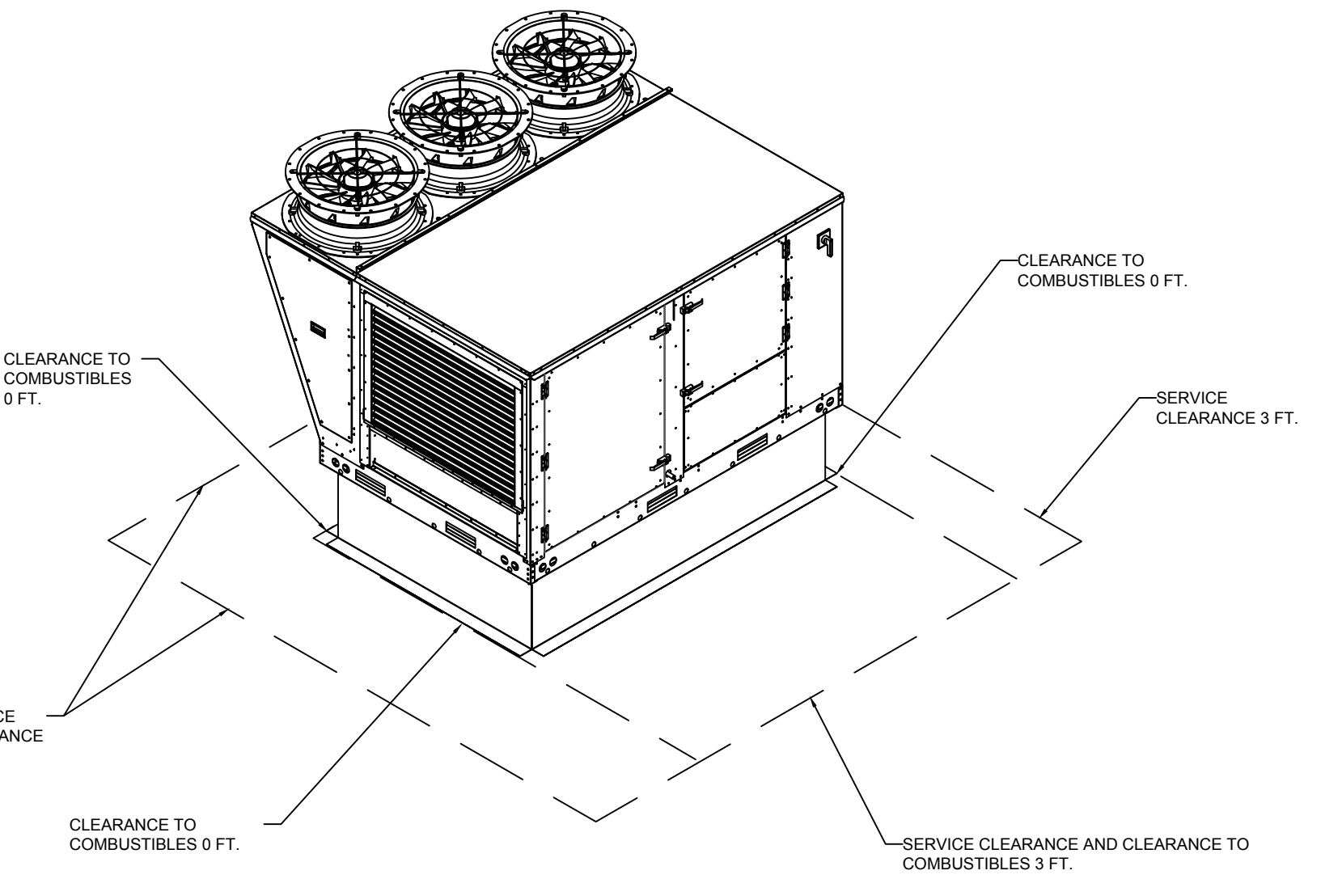
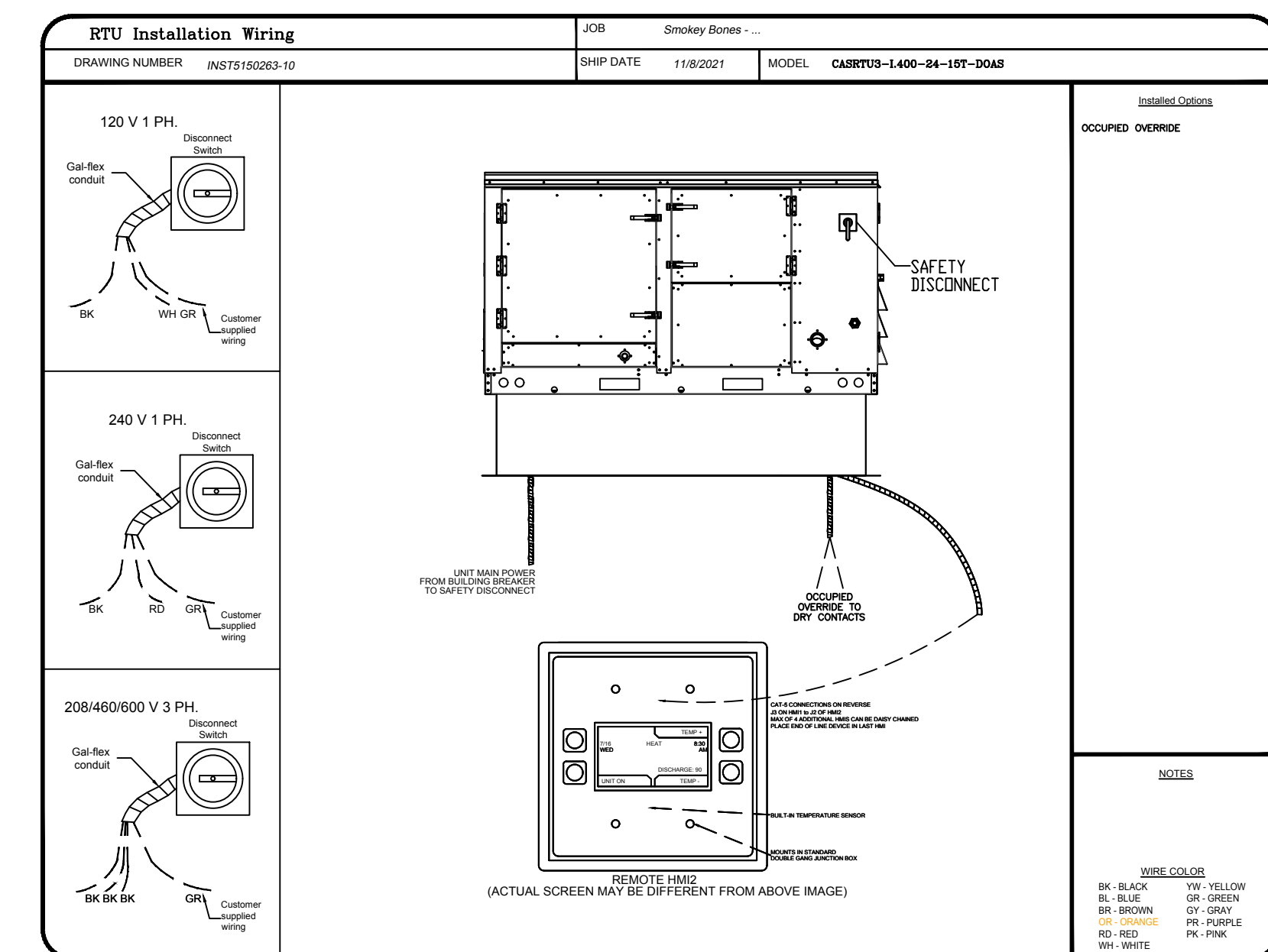
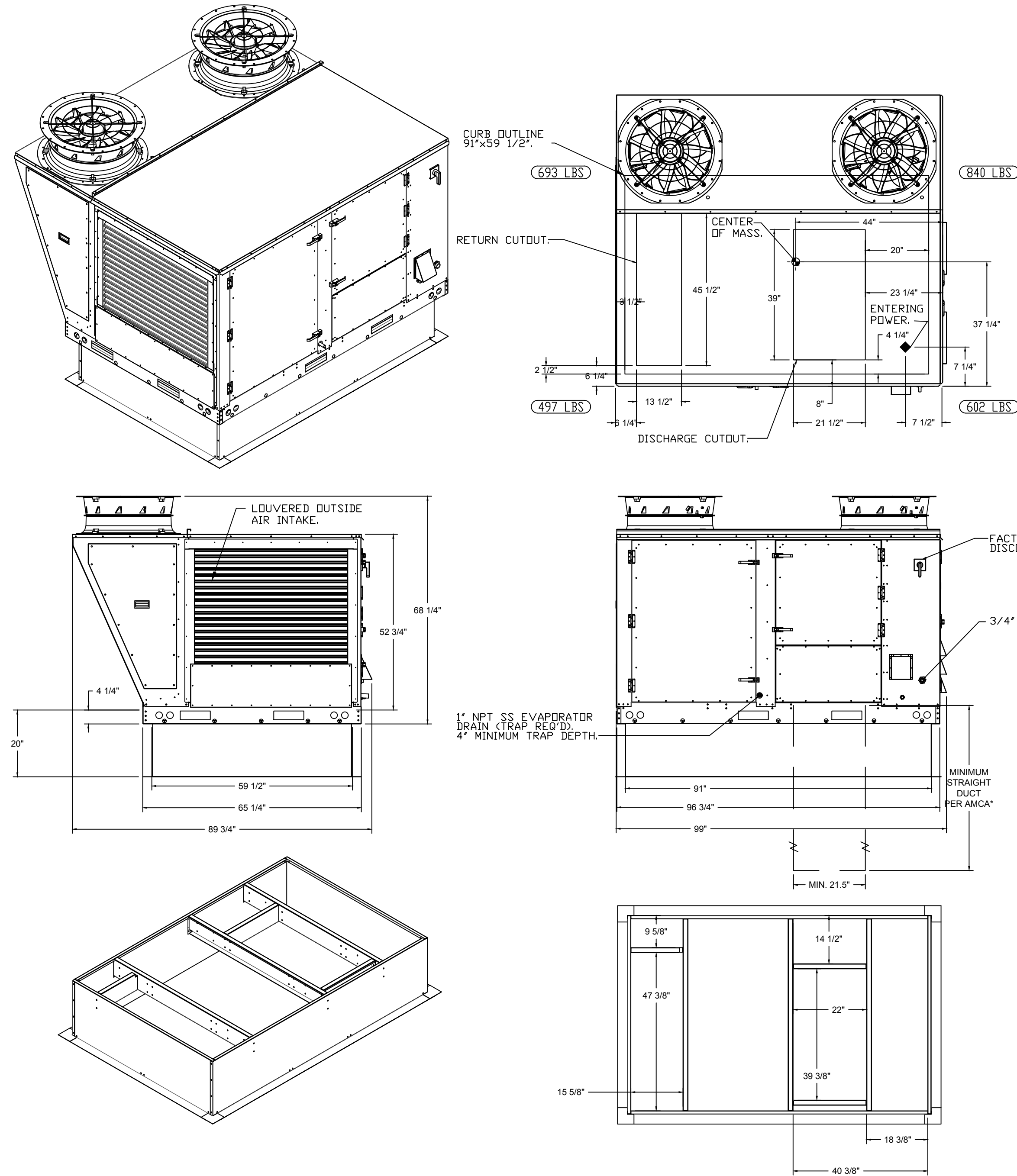
NOTES:

- DO NOT OBSTRUCT OUTSIDE AIR INLET, OUTSIDE AIR COIL OR OUTSIDE AIR FAN.
- DENOTES CORNER WEIGHT.
- ROOF OPENING MUST BE 2" SMALLER THAN CURB DIMENSIONS IN BOTH DIRECTIONS.

*NOTE: SUPPLY DUCT MUST BE INSTALLED TO MEET SMACNA STANDARDS. A MINIMUM STRAIGHT DUCT LENGTH MUST BE MAINTAINED DOWNSTREAM OF UNIT DISCHARGE AS OUTLINED IN AMCA PUBLICATION 201. WHEN USING RECTANGULAR DUCTWORK, ELBOWS MUST BE RADIUS THROAT, RADIUS BACK WITH TURNING VANES. FLEXIBLE DUCTWORK AND SQUARE THROAT/SQUARE BACK ELBOWS SHOULD NOT BE USED. ANY TRANSITION AND/OR TURNS IN THE DUCTWORK WILL CAUSE SYSTEM EFFECT. SYSTEM EFFECT WILL DRASTICALLY INCREASE STATIC PRESSURE AND REDUCE AIRFLOW. DO NOT RELY ON UNIT TO SUPPORT DUCT IN ANY WAY. FAILURE TO PROPERLY SIZE DUCTWORK MAY CAUSE SYSTEM EFFECTS AND REDUCE PERFORMANCE OF THE EQUIPMENT. SUGGESTED STRAIGHT DUCT SIZE IS 21.5" x 39".

OPTIONS

- INLET PRESSURE GAUGE, 0-35".
- MANIFOLD PRESSURE GAUGE, 0 TO 10" WC, 1 FURNACE.
- RTU TOTAL CFM MONITORING.
- SINGLE POINT ELECTRICAL CONNECTION FOR RTU. 750VA TRANSFORMER USED. IF A NON-DCV PREWIRE CONTROLS THIS UNIT, THE #28, #47, "MA", OR "E2" PREWIRE OPTION MUST BE SELECTED. DOES NOT PROVIDE SUPPLY STARTER IN PREWIRE.
- CASLINK BUILDING MONITORING SYSTEM - INTERNET OR CELLULAR CONNECTION REQUIRED.
- LOW AMBIENT COOLING OPERATION - DOWN TO 15F AMBIENT.
- RTU3 DOWN DISCHARGE.
- 2" MERV 13 FILTERS FOR RTU3 (QTY. 4).
- 2" MERV 8 FILTERS FOR RTU3 (QTY. 4).
- OVERHEAT STAT.
- VFD FACTORY MOUNTED AND WIRED IN RTU COMMERCIAL CONTROL VESTIBULE.
- FREEZESTAT.
- OCCUPIED SCHEDULING.
- RTU3 CURB DUCT HANGER.
- RTU RETURN MOUNTED SMOKE DETECTOR AND SAMPLING TUBE - FACTORY INSTALLED.
- CLOGGED FILTER SWITCH - NOTIFICATION ON HMI.
- SUPPLY DUCT ADJUSTMENT.
- RTU3 CONVENIENCE OUTLET (GFCI), 15 AMP - REQUIRES SEPARATE 120V CONNECTION. INCLUDES RECEPTACLE, COVER AND J-BOX.
- 15 TON MODULATING COOLING OPTION, 208/230V. R410A REFRIGERANT, VARIABLE SPEED COMPRESSOR, ECM CONDENSING FANS.
- 15 TON MODULATING REHEAT OPTION - SPACE DEWPOINT CONTROL.
- RTU INTAKE/RETURN DAMPER - MANUAL CONTROL VIA HMI.
- RTU3 DOWN RETURN.
- VAV PACKAGE W/ MANUAL/DDC CONTROL (571 VFD INCLUDED).
- 5 YEAR ENTIRE UNIT PARTS WARRANTY, 10 YEAR ENTIRE UNIT PARTS WARRANTY WITH REMOTE MONITORING AND CAPTIVEAIRE SERVICE CONTRACT, 25 YEAR STAINLESS STEEL FURNACE PARTS WARRANTY (SEE ADDITIONAL DETAILS).



REVISIONS

NO.	DATE	DESCRIPTION
1	11/8/21	Added RTU-1E2 and restroom fan

CAPTIVEAIRE
www.captiveaire.com
National Accounts - Tampa
4519 George Road, Suite 150, Tampa, FL 33634 PHONE: (813) 906-2112 EMAIL: reg40@captiveaire.com

Smokey Bones Rev1
45001 Schoenherr Rd,
Utica, MI, 48315

DATE: 10/22/2021
DWG.#: 5150263
DRAWN BY: Dan Luddy
SCALE: 1/2" = 1'-0"
MASTER DRAWING

SHEET NO. 6

1 CAPTIVEAIRE SCHEDULES AND DETAILS (OWNER FURNISHED - RECEIVED AND INSTALLED BY CONTRACTOR)
M4.3 NO SCALE

IA ARCHITECTURE

SMOKEY BONES
UTICA, MI

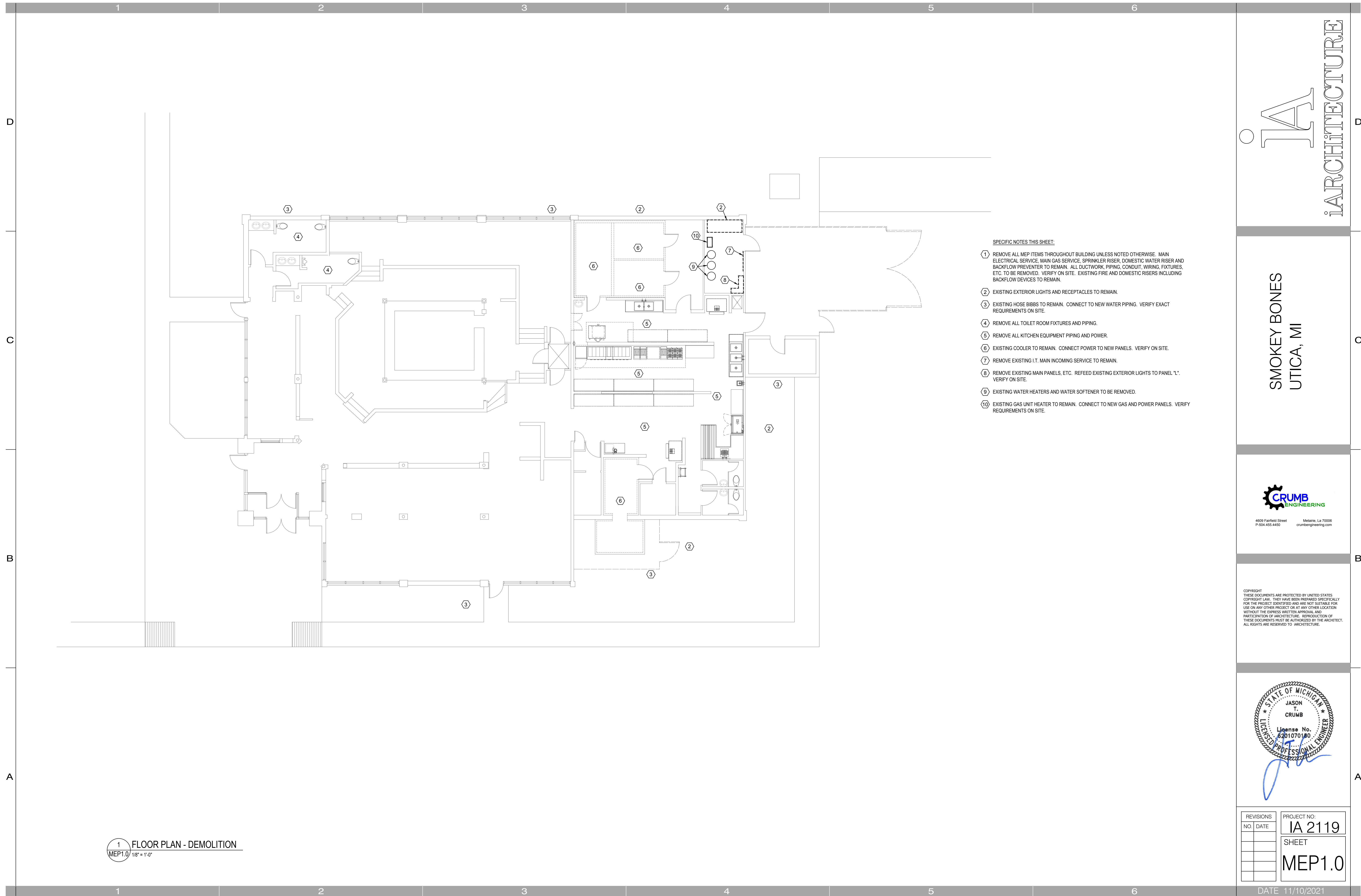
CRUMB ENGINEERING
4609 Fairfield Street P.O. 445,4450 Metairie, La 70006 crumbengineering.com

STATE OF MICHIGAN
JASON T. CRUMB
License No. 6201070180
LICENSED PROFESSIONAL ENGINEER

REVISIONS
NO. DATE

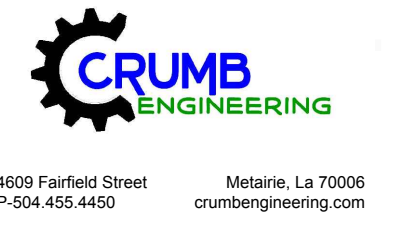
PROJECT NO: IA 2119
SHEET M4.5

DATE 11/10/2021

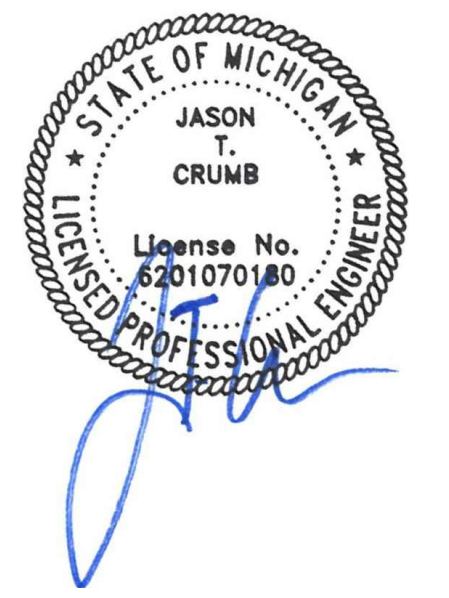


- SPECIFIC NOTES THIS SHEET:**
- ① REMOVE ALL MEP ITEMS THROUGHOUT BUILDING UNLESS NOTED OTHERWISE. MAIN ELECTRICAL SERVICE, MAIN GAS SERVICE, SPRINKLER RISER, DOMESTIC WATER RISER AND BACKFLOW PREVENTER TO REMAIN. ALL DUCTWORK, PIPING, CONDUIT, WIRING, FIXTURES, ETC. TO BE REMOVED. VERIFY ON SITE. EXISTING FIRE AND DOMESTIC RISERS INCLUDING BACKFLOW DEVICES TO REMAIN.
 - ② EXISTING EXTERIOR LIGHTS AND RECEPTACLES TO REMAIN.
 - ③ EXISTING HOSE BIBBS TO REMAIN. CONNECT TO NEW WATER PIPING. VERIFY EXACT REQUIREMENTS ON SITE.
 - ④ REMOVE ALL TOILET ROOM FIXTURES AND PIPING.
 - ⑤ REMOVE ALL KITCHEN EQUIPMENT PIPING AND POWER.
 - ⑥ EXISTING COOLER TO REMAIN. CONNECT POWER TO NEW PANELS. VERIFY ON SITE.
 - ⑦ REMOVE EXISTING I.T. MAIN INCOMING SERVICE TO REMAIN.
 - ⑧ REMOVE EXISTING MAIN PANELS, ETC. REFEED EXISTING EXTERIOR LIGHTS TO PANEL "1". VERIFY ON SITE.
 - ⑨ EXISTING WATER HEATERS AND WATER SOFTENER TO BE REMOVED.
 - ⑩ EXISTING GAS UNIT HEATER TO REMAIN. CONNECT TO NEW GAS AND POWER PANELS. VERIFY REQUIREMENTS ON SITE.

1 FLOOR PLAN - DEMOLITION
MEP1.0 1/8" = 1'-0"



COPYRIGHT
THESE DOCUMENTS ARE PROTECTED BY UNITED STATES
COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY
FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR
USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION
WITHOUT THE EXPRESS WRITTEN APPROVAL AND
PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF
THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT.
ALL RIGHTS ARE RESERVED TO ARCHITECTURE.



REVISIONS	PROJECT NO:
NO. DATE	IA 2119
	SHEET
	MEP1.0

1

2

3

4

5

6

D

C

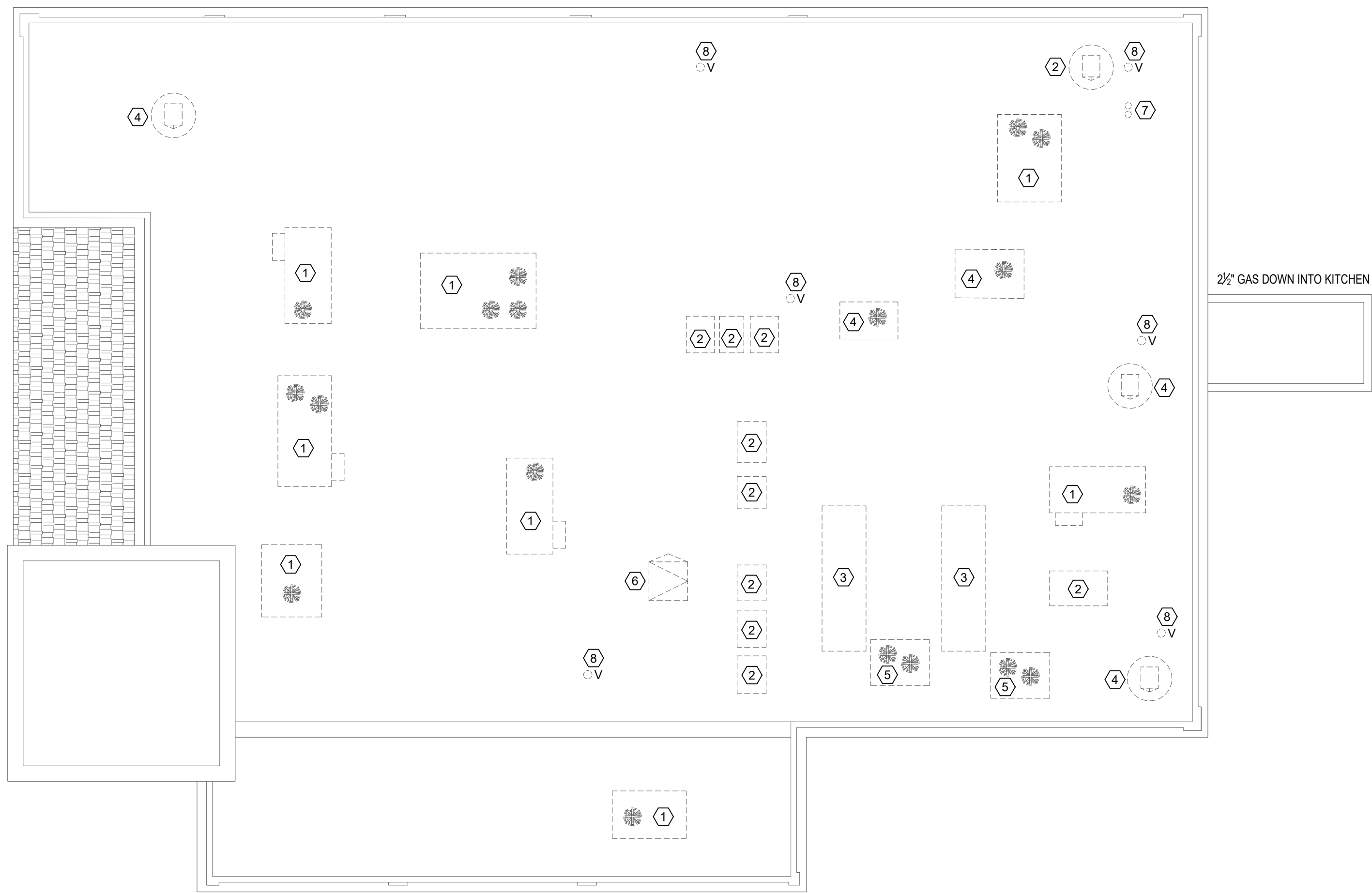
B

A



4009 Fairless Street Metairie, La 70006
P-504-455-4450 crumbengineering.com

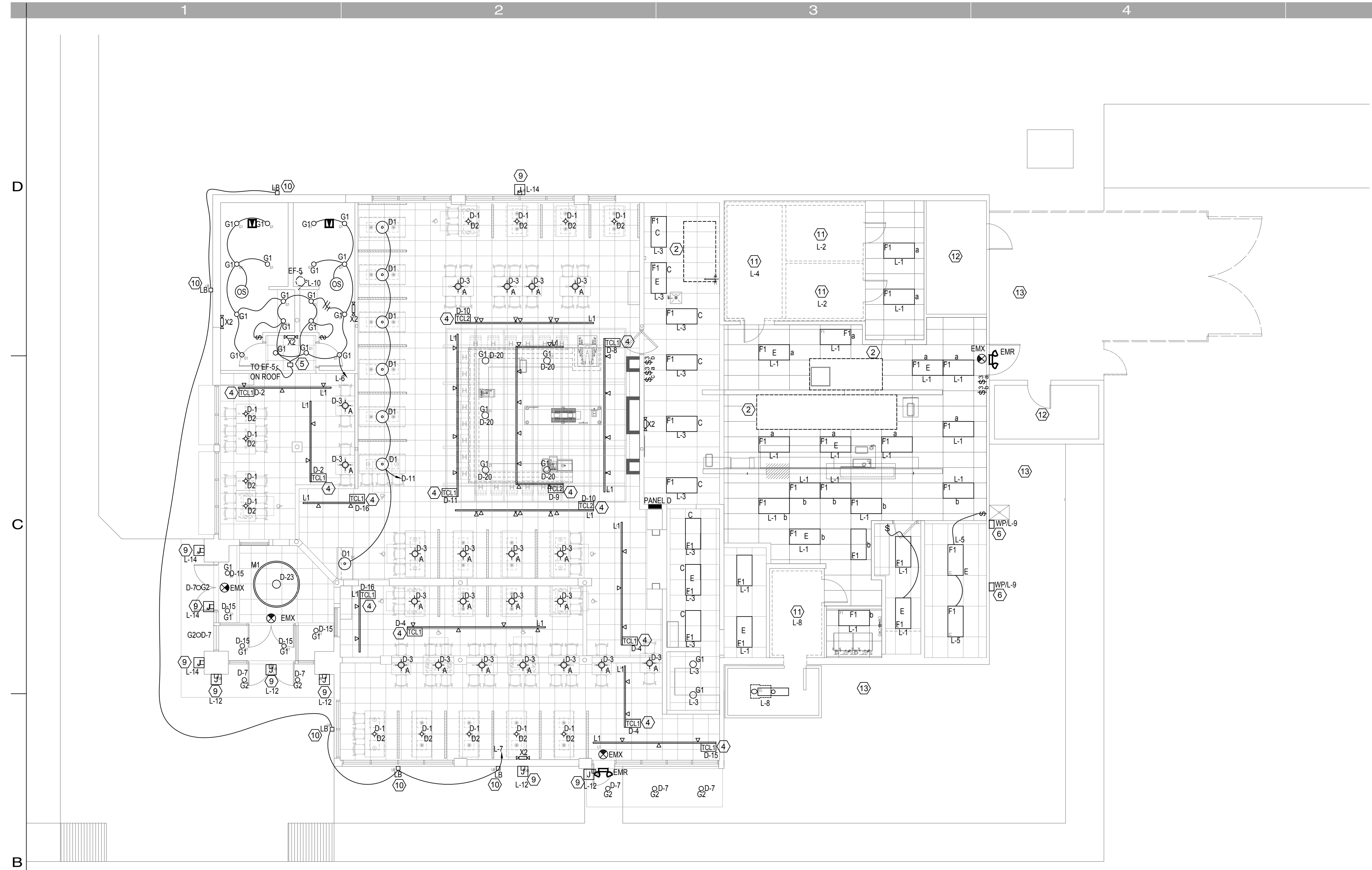
COPYRIGHT
THESE DOCUMENTS ARE PROTECTED BY UNITED STATES
COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY
FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR
USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION
WITHOUT THE EXPRESS WRITTEN APPROVAL AND
PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF
THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT.
ALL RIGHTS ARE RESERVED TO ARCHITECTURE.



- SPECIFIC NOTES THIS SHEET:**
- ① REMOVE EXISTING RTU, GAS PIPING, CONDENSATE DRAIN PIPING, ELECTRICAL BACK TO PANEL AND CONTROL WIRING.
 - ② EXISTING REFRIGERATION EQUIPMENT TO REMAIN IF SERVING COOLER/ FREEZER TO REMAIN INTEGRAL POWER AND RUN TO PANEL P. VERIFY ON SITE. REMOVE EQUIPMENT AND POWER CONNECTED TO ITEMS BEING DEMOLISHED.
 - ③ MAKE-UP FAN TO BE REMOVED. REMOVE POWER, GAS PIPING AND CONTROLS.
 - ④ REMOVE EXISTING FAN, POWER, CONTROLS AND DUCTWORK.
 - ⑤ REMOVE EXISTING CONDENSING UNIT, POWER, PIPING AND CONTROLS.
 - ⑥ REMOVE SATELLITE DISH.
 - ⑦ REMOVE EXISTING WATER HEATER FLUES.
 - ⑧ REMOVE EXISTING VENT PIPING. REMOVE AT CONTRACTOR'S OPTION.

1 ROOF PLAN - DEMOLITION
MEP1.1 1/8" = 1'-0"

REVISIONS	PROJECT NO:
NO. DATE	IA 2119
	SHEET
	MEP1.1



REFLECTED CEILING PLAN SYMBOL LEGEND

A		PENDANT LIGHT FIXTURE MANUFACTURER: HI-LITE MFG. CO. MODEL #: H-VLSBPNT1 DIMENSIONS: 8 1/2" H x 12" Ø FINISH: OLD NICKEL LAMP: 11.5W LED A19 REMARKS:	MOUNT FIXTURES TO UNISTRUT SUPPORT ABOVE PAINT UNISTRUT & THREADED RODS 'BLACK' (P-7)
G1		6" Ø RECESSED DOWNLIGHT MANUFACTURER: HALO COMMERCIAL HOUSING MODEL #: HALO HC3 6" CAN LAMP: HALO HMB-12-835 (6" LED MODULE, 1,000 LUMENS, 80 CRI, 3500K CCT)	PAINT TRIMS TO MATCH ADJACENT SURFACES
G2		6" Ø LED EXTERIOR CAN LIGHT MANUFACTURER: HALO COMMERCIAL HOUSING MODEL #: HALO HC6 6" CAN LAMP: HALO HMB-12-835 (6" LED MODULE, 1,000 LUMENS, 80 CRI, 3500K CCT)	UL WET RATED TRIM AND Baffles REQUIRED
M1		CUSTOM WHEEL LIGHT FIXTURE MANUFACTURER: HI-LITE MFG. CO. MODEL #: H-VLSMTRV8-4 DIMENSIONS: 72" Ø x 12" H FINISH: 117 PAINTED STEEL REMARKS: MOUNTED ON STEM W/4 AIRCRAFT CABLES 120V	
S1		EXTERIOR GARDEN STRING LIGHTING MANUFACTURER: AMERICAN LIGHTING MODEL #: LS2-MS-24-48-BK DIMENSIONS: ~80'-0" TOTAL LENGTH FINISH: BLACK	
D1		PENDANT LIGHT FIXTURE MANUFACTURER: HI-LITE MFG. CO. MODEL #: H-VLSBBMP-3 DIMENSIONS: 12" H x 19" Ø FINISH: BK01 BLACK (EXT), 156 RED/ORANGE (INT), 91 BLACK (CANOPY) LAMP: 200W	
D2		PENDANT LIGHT FIXTURE MANUFACTURER: CONTECH LIGHTING MODEL #: OFG308 DIMENSIONS: 10 1/8" H x 4 3/4" Ø FINISH: RED LAMP: TBD	
F1		2x4 LED LIGHT FIXTURE MANUFACTURER: METALUX MODEL #: 24CGT4532C REMARKS: 2x4 LED LAY-IN	
L1		MONOPOINT/TRACK LIGHTING MANUFACTURER: JUNO MODEL #: R600L-G2-30K-80CRI-PDIM-FL-BL / T8BL / T4BL / T38BL / T23BL FINISH: BLACK LAMP: 10W LED REMARKS: -SEE GENERAL NOTES & INTERIOR ELEVATIONS FOR MOUNTING INFORMATION -PROVIDE 24" INCREMENTS IN LENGTH (F.V.) -B/O TRACK @ 11'-0" A.F.F. (TYP.)	
JB		JUNCTION BOX SIGN POWER PROVIDE POWER FOR ILLUMINATED SIGNAGE COORDINATE WITH SIGNAGE COMPANY	
LB		JUNCTION BOX LIGHTBAND POWER PROVIDE POWER FOR ILLUMINATED LIGHTBAND COORDINATE WITH SIGNAGE COMPANY	
X2		EMERGENCY FIXTURE MANUFACTURER: COOPER MODEL #: SURE LITES CUI SERIES FINISH: FRONT OF HOUSE - BLACK, BACK OF HOUSE - WHITE LAMP: TBD	
CL		COOLER LIGHT BY COOLER MANUFACTURER	
WP		HID WALL PACK MANUFACTURER: TECHLIGHT MODEL #: MWPB8A-MT W/ BUTTON PHOTOCCELL FINISH: ALUM. HOUSING, GASKETED, DARK BRONZE FINISH LAMP: (1) 150W LU150	
EMX		EXIT SIGN MANUFACTURER: LIGHTALARMS MODEL #: (W) UXQELC LAMP: LED'S FINISH: WHITE, STENCIL FACE RED LETTERS REMARKS: SINGLE OR TWIN FACE PER PLAN	
EMR		EXTERIOR EMERGENCY SIGN MANUFACTURER: DAYRITE MODEL #: SUC132-D-120-CO LAMP: 6V, 120V REMARKS: REMOVABLE BATTERY PACK FOR EXTERIOR EGRESS LIGHT W/ TWO HEADS, SEALED BEAM LIGHTS, MAINTENANCE FREE BATTERY	

- GENERAL NOTES THIS SHEET:**
- ALL FIXTURES SHALL BE INSTALLED LEVEL AND TRUE. CENTER FIXTURES WHERE APPLICABLE. REFER TO ARCHITECT'S REFLECTED CEILING PLAN AND ARCHITECT'S ELEVATIONS FOR FIXTURE LOCATIONS.
 - INSTALL FIXTURES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. PROVIDE ALL NECESSARY WIRING, SWITCHES AND MOUNTING HARDWARE.
 - ALL CONDUIT SHALL BE 1/2" WITH #12 AWG & 1-#12 GRD UNLESS NOTED OTHERWISE. WIRE MULTI-WAY SWITCHES AND LIGHTING CONTROLS IN ACCORDANCE WITH THE PRODUCT LITERATURE.
 - FOR CONDUIT RUNS EXCEEDING 75', INCREASE TO #10 AWG CONDUCTORS.
 - GROUNDING SHALL BE IN ACCORDANCE WITH NEC ART. 250.
 - PROVIDE LED EXIT FIXTURES AT ALL LOCATIONS AS SHOWN ON THE LIFE SAFETY PLAN.
 - PROVIDE UNSWITCHED HOT CONDUCTOR TO ALL EXIT AND EMERGENCY FIXTURES.
 - PROVIDE DIMMING SWITCHES COMPATIBLE WITH DIMMABLE FIXTURES. COORDINATE WIRING AND INSTALLATION WITH MANUFACTURER'S RECOMMENDATIONS.
 - LIGHT FIXTURES FOR EXHAUST HOODS SHALL BE SUPPLIED BY KITCHEN HOOD SUPPLIER.
 - ALL EXIT AND EMERGENCY FIXTURES (EMX, EMC, EMR) SHALL BE HOME RUN TO PANEL 'D' CIRCUIT D-25. CIRCUIT 25 IS CONSTANT ON, NON-DIMMING LOCKABLE BREAKER.
 - EXISTING EXTERIOR LIGHTING TO REMAIN. CAPTURE EXTERIOR LIGHTING CIRCUITS AND WIRE TO NEW PANELS AS INDICATED.
 - LIGHT FIXTURES WITH 'E' DESIGNATION SHALL BE PROVIDED WITH EMERGENCY BALLAST AND SHALL HAVE UNSWITCHED HOT CONDUCTOR FROM LIGHTING CIRCUIT RUN TO EMERGENCY BALLAST.

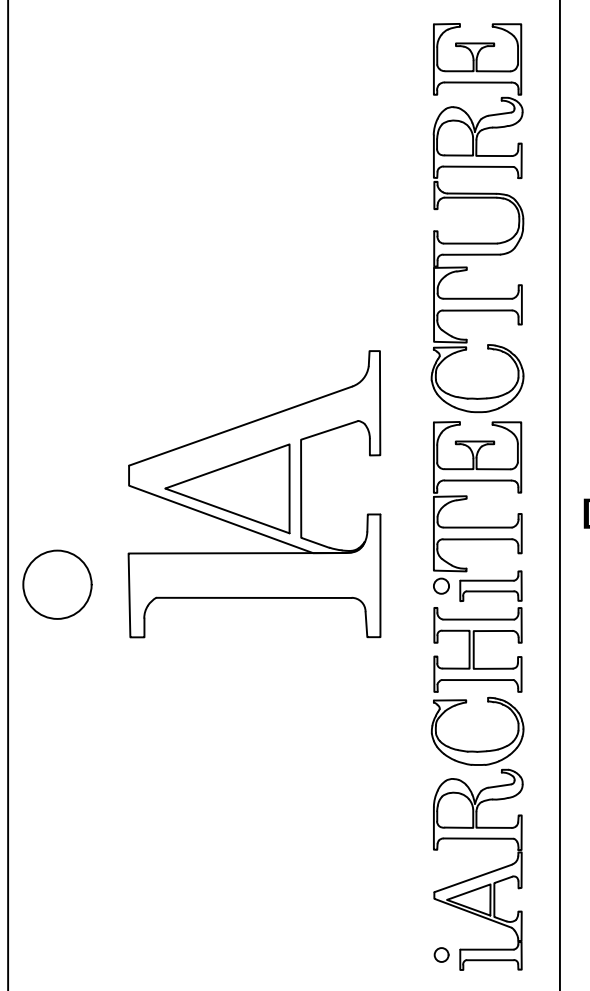
- SPECIFIC NOTES THIS SHEET:**
- EXISTING LIGHT, SWITCHING, AND LIGHTING CIRCUIT TO REMAIN. LIGHTS WITH 'E' DESIGNATION HAVE EMERGENCY BATTERY.
 - KITCHEN HOOD.
 - DIMMER CONTROL PANEL.
 - TRACK CURRENT LIMITING DEVICE SUPPLIED BY OWNER, INSTALLED BY CONTRACTOR.
 - TCL1 - 120 WATTS
 - TCL2 - 240 WATTS
 - SINGLE POLE RELAY, 120V, 20A IN NEMA-1 ENCLOSURE ABOVE ACCESSIBLE CEILING. RELAY CONTROLLED BY TOILET LIGHTING (CIRCUIT L-6). LIGHTS "ON", FAN "ON".
 - MOUNT UNDER SHED ROOF.
 - POWER FOR WALL ART LIGHTING. PROVIDE JUNCTION BOX.
 - HOMERUN TO PANEL P. PROVIDE 20A, 1P BREAKER. VERIFY REQUIREMENTS ON SITE.
 - POWER FOR EXTERIOR SIGNAGE. VERIFY POWER REQUIREMENTS WITH VENDOR.
 - POWER FOR LIGHT BAND. VERIFY POWER REQUIREMENTS WITH VENDOR.
 - EXISTING COOLER / FREEZER. INTERCEPT CIRCUIT AND WIRED TO INDICATED PANEL.
 - EXISTING EQUIPMENT ROOM. CAPTURE CIRCUIT AND WIRE TO L-5.
 - CAPTURE EXTERIOR LIGHTING CIRCUIT THIS AREA AND WIRE TO L-9. VERIFY ON SITE.

1 FLOOR PLAN - LIGHTING
E1.0 1/8" = 1'-0"

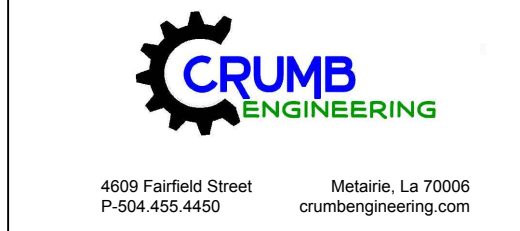
R.C.P. GENERAL NOTES

- ALL FRONT OF HOUSE LIGHT FIXTURES TO BE DIMMABLE.
- PREP & PAINT EXPOSED ACCESSORIES & ELECTRICAL CONDUIT.
- ALL PENETRATIONS SHALL BE FIRE SAFED AND ACOUSTICALLY SEALED TO MAINTAIN BASE BUILDING RATINGS AS APPLICABLE. G.C. SHALL PROVIDE BLOCKING, LIGHT GAUGE, OR MITL. FRAMING/UNISTRUT TO SUPPORT ALL CEILING FIXTURES INDEPENDENTLY OF ROOF DECK.
- SPRINKLER SYSTEM, FIRE ALARM, & FIRE EXTINGUISHER TYPES & LOCATIONS ARE DESIGN/PERMIT/BUILD BY G.C. AT G.C. EXPENSE. G.C. TO VERIFY W/ LANDLORD DESIGNATED CONTRACTORS.
- VERIFY HEIGHTS AND LOCATIONS OF ALL LIGHTING FIXTURES AND MECHANICAL REGISTERS IN FIELD W/ ARCHITECT AND OWNER. FINISH OF EXPOSED DUCTWORK AND REGISTERS SHALL BE INDICATED ON PLANS & FINISH SCHEDULE.
- COORDINATE FIRE ALARM DEVICES TO AVOID CONFLICTS WITH FINISHES. SEE INTERIOR ELEVATIONS & DETAILS.
- ALL LIGHT FIXTURES TO BE UL LISTED THROUGHOUT AND SHIELDED AT FOOD PREPARATION AREAS.
- LIGHTING AT WORK AREAS AND BARS TO BE MIN. 50 FOOTCANDLES (INCLUDING SHIELDED LIGHTING). LIGHTING AT HAND SINK AREAS TO BE MIN. 50 FOOTCANDLES. LIGHTING AT WALK-IN FOOD COOLER AND WALK-IN BEER COOLER TO BE MIN. 20 FOOTCANDLES.
- CONTRACTOR TO PROVIDE ELECTRICAL AS REQUIRED TO SIGNAGE (INTERIOR & EXTERIOR) -VERIFY LOCATION/HEIGHT AND POWER REQUIREMENTS IN FIELD WITH OWNER.
- G.C. SHALL PROVIDE PRE-FABRICATED RECESSED METAL ACCESS PANELS IN GYP. BOARD CEILINGS AS REQUIRED FOR THE PROPER MAINTENANCE OF ELECTRICAL EQUIPMENT. G.C. TO COORDINATE SIZES AND LOCATIONS IN FIELD WITH ARCHITECT AND OWNER. PAINT PANELS TO MATCH ADJACENT CEILING FINISH.
- DECORATIVE PENDANTS: VERIFY HEIGHT IN FIELD WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION. G.C. SHALL NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES NOTED.
- G.C. TO PROVIDE 10% EXTRA TRACK HEADS.
- FIXTURES WITH 'E' DESIGNATION SHALL HAVE EMERGENCY BALLAST.
- ALL EXPOSED LOW-VOLTAGE WIRE (EXCEPT FIRE ALARM WIRING) SHALL BE 'BLACK' OR WRAPPED IN 'BLACK' PVC SHEATH (TYP.)
- G.C. TO PROVIDE & INSTALL CAGE/SHIELD OVER EMERGENCY ELECTRICAL SHUTOFF SWITCH
- PAINT ALL RECEPTACLE COVERS & EXPOSED CONDUIT / J-BOXES TO MATCH ADJACENT FINISHES. (TYPICAL ALL LOCATIONS)
- MOUNT ALL FIXTURES OVER MOVABLE TABLES ON UNISTRUT OR LIGHTING TRACK AS APPROPRIATE FOR FIXTURE WEIGHT.
- PAINT ALL UNISTRUTS & THREADED ROD SUPPORTS 'BLACK' (TYPICAL ALL LOCATIONS)
- G.C. SHALL PROVIDE BLKG. / UNISTRUT ATTACHED TO ROOF JOISTS AS REQ'D TO MOUNT FIXTURES INDEPENDENT OF ROOF DECK.
- ALL WIFI, SECURITY, & SPEAKER LOCATIONS TO BE VERIFIED IN FIELD W/ ARCHITECT PRIOR TO INSTALLATION.

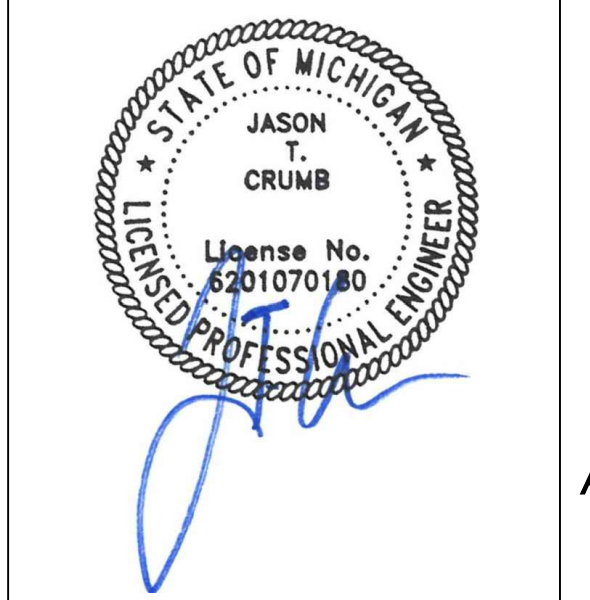
VERIFY FIXTURE HEIGHTS IN FIELD W/ ARCHITECT & OWNER PRIOR TO STEM TRIMMING



SMOKEY BONES
UTICA, MI



COPYRIGHT
THESE DOCUMENTS ARE PROTECTED BY UNITED STATES COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT. ALL RIGHTS ARE RESERVED TO ARCHITECTURE.



REVISIONS	PROJECT NO:
NO. DATE	IA 2119
	SHEET
	E1.0

GENERAL NOTES THIS SHEET:

- REFER TO ARCHITECT'S FLOOR PLANS AND ARCHITECT'S ELEVATIONS FOR RECEPTACLE AND OUTLET LOCATIONS. PROVIDE ADDITIONAL RECEPTACLES AS REQUIRED.
- PROVIDE DEDICATED NEUTRAL FOR EACH CIRCUIT. DO NOT SHARE NEUTRAL CONDUCTORS.
- ALL CONDUIT SHALL BE 1/2" WITH 2-#12 AWG & 1-#12 GRD UNLESS NOTED OTHERWISE. FOR CONDUIT RUNS LONGER THAN 75', UPSIZE CONDUCTORS TO #10 AWG.
- GROUNDING SHALL BE IN ACCORDANCE WITH NEC ART. 250.
- PROVIDE POWER FOR ALL EQUIPMENT SHOWN ON MECHANICAL AND ARCHITECTURAL FLOOR PLANS. COORDINATE EXACT REQUIREMENTS WITH SUBMITTALS.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE NEC.
- ALL TOILET ROOM, KITCHEN, EQUIPMENT ROOM AND RECEPTACLES WITHIN 6' OF A PLUMBING FIXTURE SHALL BE GFCI TYPE. EXTERIOR RECEPTACLES SHALL WEATHERPROOF GFCI.
- PROVIDE RECEPTACLES NEAR AC EQUIPMENT FOR SERVICING AS REQUIRED BY THE NEC.
- REFER TO KITCHEN EQUIPMENT PLAN GENERAL NOTES FOR ADDITIONAL INFORMATION.
- NEW PANELS ARE SHOWN. CONTRACTOR MAY REUSE EXISTING PANELS AND GEAR SUBJECT TO THE FOLLOWING: OWNER APPROVAL, ENGINEER APPROVAL, IR SCAN OF EXISTING GEAR, CLEANING OF EXISTING GEAR.
- ALL AV, IT, AND SPECIAL SYSTEMS PROVIDED BY OWNER. COORDINATE POWER REQUIREMENTS WITH OWNER.
- VERIFY EXISTING EXTERIOR RECEPTACLE AND POWER CIRCUITS ON SITE. INTERCEPT CIRCUITS AND ROUTE TO NEW PANEL P. VERIFY ON SITE.

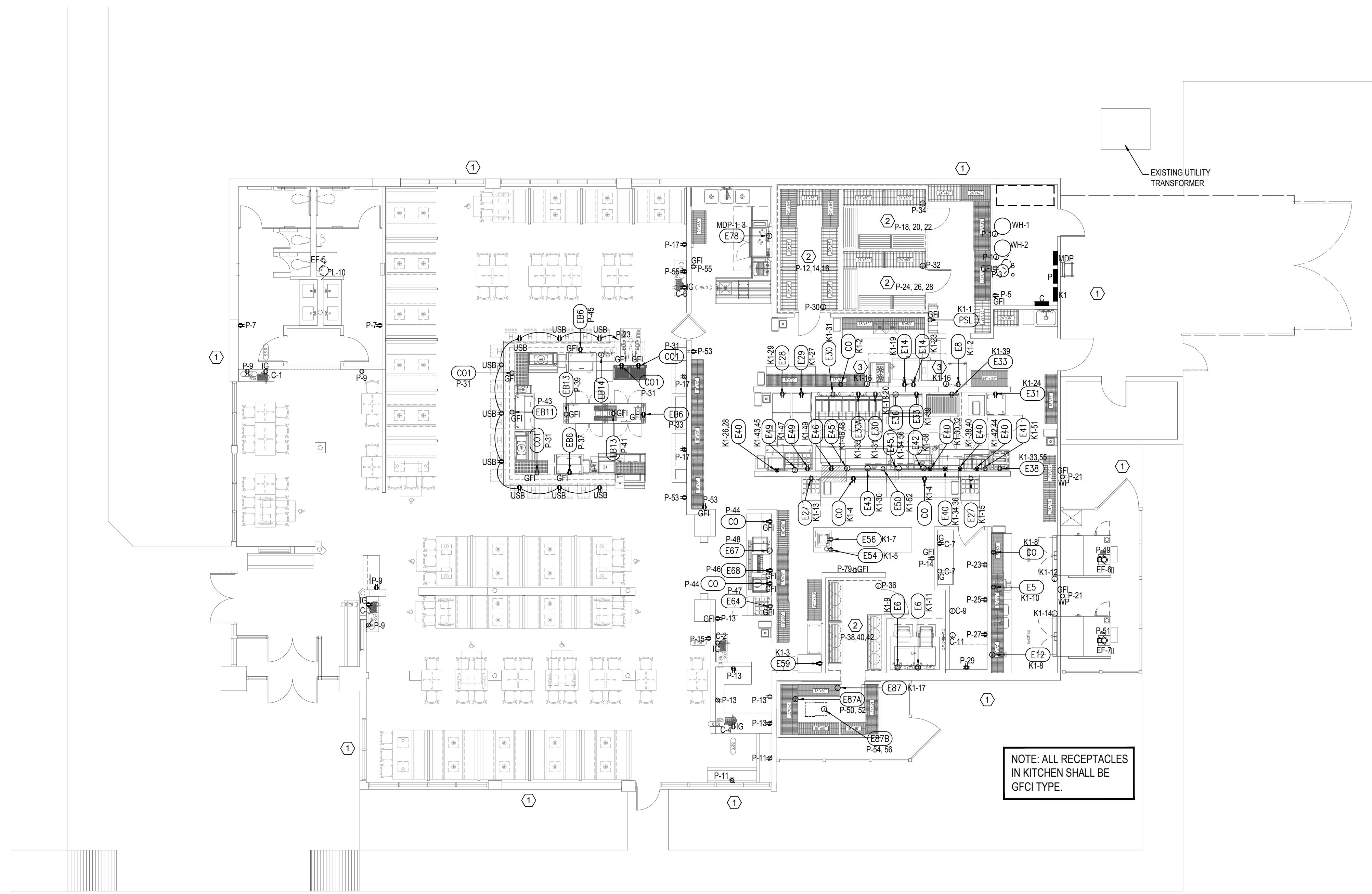
SPECIFIC NOTES THIS SHEET:

- VERIFY LOCATION AND CIRCUITING OF EXISTING EXTERIOR RECEPTACLES AND POWER. CAPTURE EXTERIOR CIRCUITS AND RUN TO PANEL P.
- CAPTURE EXISTING COOLER/FREEZER POWER AND RUN TO PANEL P. VERIFY EXACT REQUIREMENTS ON SITE. (1) 30A, 3 POLE CIRCUIT (3 # 10 AWG & 1 # 10 GRD) FOR CONDENSER AND (1) 20A CIRCUIT FOR LIGHTS, EVAPORATOR AND DOOR HEATER.
- 120V POWER TO HOOD CONTROL PANEL. REFER TO MECHANICAL HOOD PLANS.

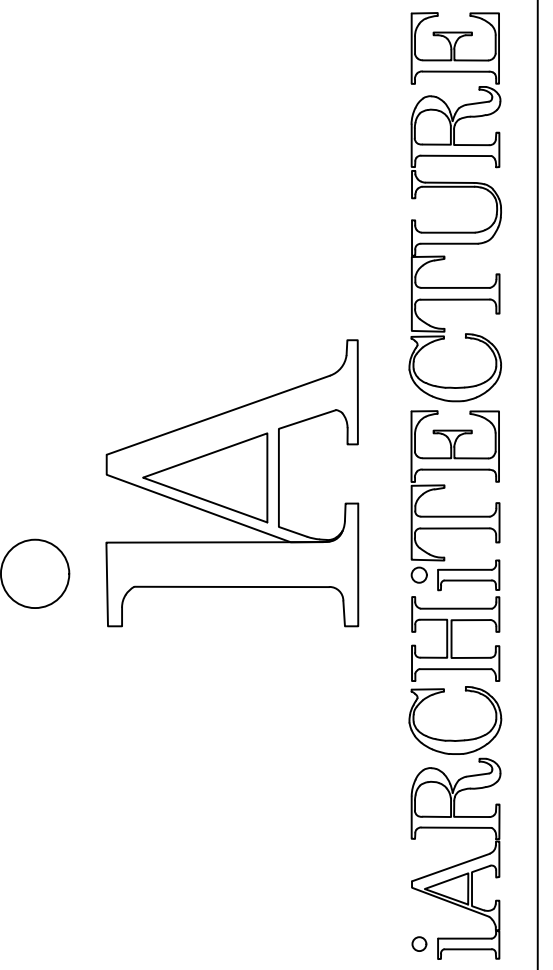
KITCHEN EQUIPMENT ELECTRICAL ROUGH-IN NOTES:

- CO 120V-1PH 16 AMP DUPLEX RECP. @ (+48" A.F.F.) FOR "CONVENIENCE OUTLET".
- CO1 120V-1PH 16 AMP DUPLEX RECP. @ (+40" A.F.F.) UNDER BAR TOP FOR "CONVENIENCE OUTLET".
- ESL 120V-1PH 16 AMP DUPLEX RECP. @ (+72" A.F.F.) FOR SODA SYSTEM.
- E5 120V-1PH 1/3 H.P. 4.8 AMP RECP. @ (+48" A.F.F.) FOR SLICER (ITEM #5).
- E6 (2 LOCATIONS) 120V-1PH SERVICE @ (+72" A.F.F.) E.C. TO EXTEND TO ICE MAKER (ITEM #6). (SEE KITCHEN GENERAL NOTES 11,12,13,14 & 15).
- E6A 208V-3PH 12.5 AMP SERVICE (VERIFY LOCATION) E.C. TO EXTEND TO ICE MAKER COMPRESSOR (ITEM #6A). (SEE GENERAL NOTES 11,12,13,14 & 15).
- E8 120V-1PH 2.0KW 16.7 AMP RECP. @ (+18" A.F.F.) FOR HEATED PROOFING CABINET (ITEM #8).
- E12 120V-1PH 1 H.P. 7 AMP RECP. @ (+48" A.F.F.) FOR FOOD PROCESSOR (ITEM #12).
- E14 (2 LOCATIONS) 120V-1PH 7.7 AMP RECP. @ (+18" & +36" A.F.F.) FOR DOUBLE DECK CONVECTION OVEN (ITEM #14).
- E15 120V-1PH 12 AMP RECP. @ (+18" A.F.F.) FOR RETHERMALIZER (ITEM #15).
- E27 120V-1PH 1/5 H.P. 2.46 AMP RECP. @ (+18" A.F.F.) FOR REFRIGERATED PREP TABLE (ITEM #27).
- E28 120V-1PH 1/4 H.P. 5.2 AMP RECP. @ (+18" A.F.F.) FOR REFRIGERATOR (ITEM #28).
- E29 120V-1PH 1/3 H.P. 6.3 AMP RECP. @ (+18" A.F.F.) FOR FREEZER (ITEM #29).
- E30 (2 LOCATIONS) 120V-1PH 1.7 AMP SERVICE @ (+18" A.F.F.) E.C. TO EXTEND TO FRYER BATTERY (ITEM #30). (SEE KITCHEN GENERAL NOTES 11,12,13,14 & 15).
- E30A 120V-1PH 1/3 H.P. 7 AMP SERVICE @ (+18" A.F.F.) E.C. TO EXTEND TO FRYER FILTER (ITEM #30). (SEE KITCHEN GENERAL NOTES 11,12,13,14 & 15).
- E31 120V-1PH 2.192 KW 18.3 AMP RECP. @ (+18" A.F.F.) FOR HEATED CABINET (ITEM #31). 3/4"C, 2 # 10AWG & 1 # 10 GRD.
- E33 (2 LOCATIONS) 120V-1PH 1/5 H.P. 2.5 AMP RECP. @ (+18" A.F.F.) FOR REFRIGERATED EQUIPMENT (ITEM #33).
- E38 208V-1PH 3.6 KW SERVICE @ (+66" A.F.F.) E.C. TO EXTEND TO CHEESEMELTER (ITEM #38). (SEE KITCHEN GENERAL NOTES 11,12,13,14 & 15).
- E38 208V-1PH 2.6 KW 12.5 AMP SERVICE @ (+48" A.F.F.) E.C. TO EXTEND TO CONVEYOR TOASTER (ITEM #38). (SEE KITCHEN GENERAL NOTES 11,12,13,14 & 15).
- E40 (5 LOCATIONS) 208V-1PH 3 KW 20 AMP RECP. @ (+72" A.F.F.) FOR MICROWAVE OVEN (ITEM #40).
- E41 120V-1PH 1/3 H.P. 6.1 AMP RECP. @ (+18" A.F.F.) FOR REFRIGERATED PREP TABLE (ITEM #41).
- E42 120V-1PH 1.85 KW 13.75 AMP SERVICE @ (+24" A.F.F.) E.C. TO EXTEND TO HOT FOOD WELL (ITEM #42). (SEE KITCHEN GENERAL NOTES 11,12,13,14 & 15).
- E43 (2 LOCATIONS) 120V-1PH .35 KW SERVICE @ (+72" A.F.F.) E.C. TO EXTEND TO OVERHEAD HEAT LAMP (ITEM #43). (SEE KITCHEN GENERAL NOTES 11,12,13,14 & 15).
- E44 120V-1PH 1.692 KW 14.1 AMP RECP. @ (+18" A.F.F.) FOR WARMING CABINET (ITEM #44).
- E45 120V-1PH 4.52 KW SERVICE @ (+72" A.F.F.) E.C. TO EXTEND TO OVERHEAD HEAT LAMP (ITEM #45). (SEE KITCHEN GENERAL NOTES 11,12,13,14 & 15).
- E45.1 120V-1PH 3.81 KW SERVICE @ (+72" A.F.F.) E.C. TO EXTEND TO OVERHEAD HEAT LAMP (ITEM #45). (SEE KITCHEN GENERAL NOTES 11,12,13,14 & 15).
- E46 120V-1PH .95 KW 8 AMP RECP. @ (+24" A.F.F.) FOR WARMING DRAWER (ITEM #46).
- E48 208V-1PH 3.6 KW SERVICE @ (+66" A.F.F.) E.C. TO EXTEND TO CHEESEMELTER (ITEM #48). (SEE KITCHEN GENERAL NOTES 11,12,13,14 & 15).
- E50 120V-1PH 1/3 H.P. 6.1 AMP RECP. @ (+18" A.F.F.) FOR REFRIGERATED PREP TABLE (ITEM #50).
- E54 (STUB-UP) 120V-1PH .1 KW 1 AMP FLUSH MOUNTED RECP. FOR DIPPER WELL (ITEM #54).
- E56 (STUB-UP) 120V-1PH 1/4 H.P. 3.5 AMP FLUSH MOUNTED RECP. FOR ICE CREAM DIPPING CABINET (ITEM #56).
- E58 120V-1PH 1/4 H.P. 5.2 AMP RECP. @ (+18" A.F.F.) FOR REFRIGERATOR (ITEM #58).
- E64 120V-1PH 1/5 H.P. 2.46 AMP RECP. @ (+18" A.F.F.) FOR REFRIGERATED PREP TABLE (ITEM #64).
- E67 120V-1PH 1.67 KW 14 AMP SERVICE @ (+48" A.F.F.) E.C. TO EXTEND TO COFFEE MAKER (ITEM #67). (SEE KITCHEN GENERAL NOTES 11, 12, 13, 14 & 15). ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES ONLY.
- E68 120V-1PH 15 AMP RECP. @ (+48" A.F.F.) FOR SODA DISPENSER (ITEM #68). ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES ONLY.
- E78 208V-1PH 2 HP 5 KW 43 AMP SERVICE @ (+60" A.F.F.) E.C. TO EXTEND TO DISHMACHINE (ITEM #78) TANK HEAT & MOTOR CONNECT. (SEE KITCHEN GENERAL NOTES 11,12,13,14 & 15). ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES ONLY. 3/4"C, 2 # 6 AWG & 1 # 10 GRD.
- E87 (DROP FROM ABOVE) 120V-1PH 16 AMP SERVICE TO (+106" A.F.F.) E.C. TO CONNECT TO JUNCTION BOX ON TOP OF WALK-IN COOLER (ITEM #87). E.C. TO EXTEND FROM JUNCTION BOX TO K.E.C. FURNISHED LIGHTS AS REQUIRED. LOCATION AND QUANTITY OF LIGHTS TO BE VERIFIED WITH MANUFACTURER'S SHOP DRAWINGS. E.C. TO WIRE PERIMETER DOOR HEATER (SEE GENERAL NOTES 20 & 21). E.C. TO PROVIDE AND EXTEND ALL FINAL ELECTRICAL HOOK-UPS AND DISCONNECTS. ALL WIRING AND CONDUIT SHALL BE INSTALLED ABOVE AND ON THE OUTSIDE OF THE UNIT CEILING. ALL PENETRATIONS THRU WALLS AND CEILING ARE TO BE EQUIPPED WITH "SEAL-OFFS" AND SEALED WITH SILICONE AT EACH JUNCTION BOX. K.E.C. SHALL PROVIDE E.C. WITH A SUFFICIENT NUMBER OF LIGHT FIXTURES TO PROVIDE A MINIMUM OF SEVENTY (70) FOOT CANDLES OF LIGHT INTENSITY MEASURED AT 30" A.F.F. AT ANY POINT IN THE COMPARTMENT. APPROXIMATELY ONE (1) 100 WATT LIGHT FIXTURE PER FIFTY (50) SQUARE FEET (NOT INCLUDING LIGHT FIXTURE ABOVE DOOR).
- E87A (DROP FROM ABOVE) 208V-1PH 4.9 AMP SERVICE TO (+96" A.F.F.) WALK-IN COOLER COIL (ITEM #87A). E.C. TO RUN CONTROL WIRES FROM COOLER COIL (ITEM #87A) TO THERMOSTAT ON COOLER COMPRESSORS (ITEM #87B). E.C. TO FIELD VERIFY LOCATION. (SEE KITCHEN GENERAL NOTES 20 & 21). PROVIDE TOGGLE DS.
- E87B 208V-1PH 1/2 H.P. 5.7 AMP SERVICE TO WALK-IN COOLER COMPRESSOR (ITEM #87B). E.C. TO EXTEND TO K.E.C. FURNISHED FUSED DISCONNECT SWITCH. E.C. TO FIELD VERIFY LOCATION. (SEE KITCHEN GENERAL NOTES 20 & 21). PROVIDE TOGGLE DS.
- BAR EQUIPMENT ELECTRICAL ROUGH-IN NOTES:**
- E88 (3 LOCATIONS) 120V-1PH 1/5 H.P. 5.4 AMP RECP. @ (+18" A.F.F.) FOR BOTTLE COOLER (ITEM #88).
- EB11 120V-1PH 1/3 H.P. 8 AMP RECP. @ (+18" A.F.F.) FOR BOTTLE COOLER (ITEM #B11).
- EB13 (2 LOCATIONS) (STUB-UP) 120V-1PH 1/4 H.P. 3.7 AMP FLUSH MOUNTED RECP. FOR BACK BAR COOLER (ITEM #B13).
- EB14 120V-1PH 1 H.P. 12 AMP RECP. @ (+24" A.F.F.) FOR GLASS WASHER (ITEM #B14).
- 95.0 120V-1PH, 20A, ISOLATED GROUND RECEPTACLE FOR POS.

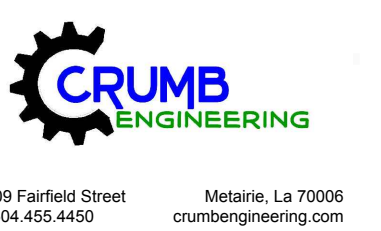
NOTE: ALL RECEPTACLES IN KITCHEN SHALL BE GFCI TYPE.



1 FLOOR PLAN - POWER
E2.0 1/8" = 1'-0"

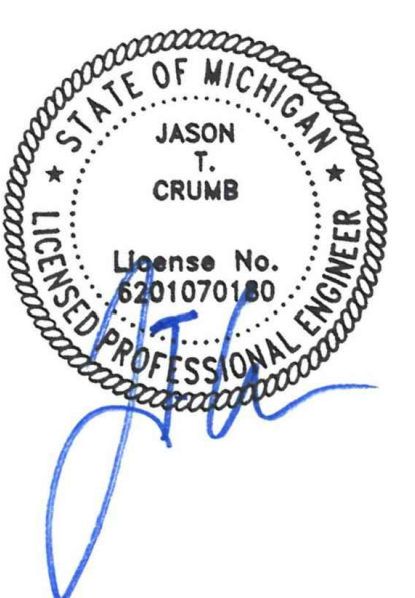


SMOKEY BONES
UTICA, MI



4600 Fairfield Street Metairie, La 70006
P-504-455-4450 crumbengineering.com

COPYRIGHT THESE DOCUMENTS ARE PROTECTED BY UNITED STATES COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT. ALL RIGHTS ARE RESERVED TO ARCHITECTURE.



REVISIONS	PROJECT NO:
NO. DATE	IA 2119
	SHEET
	E2.0

DATE 11/10/2021

1

2

3

4

5

6

D

C

B

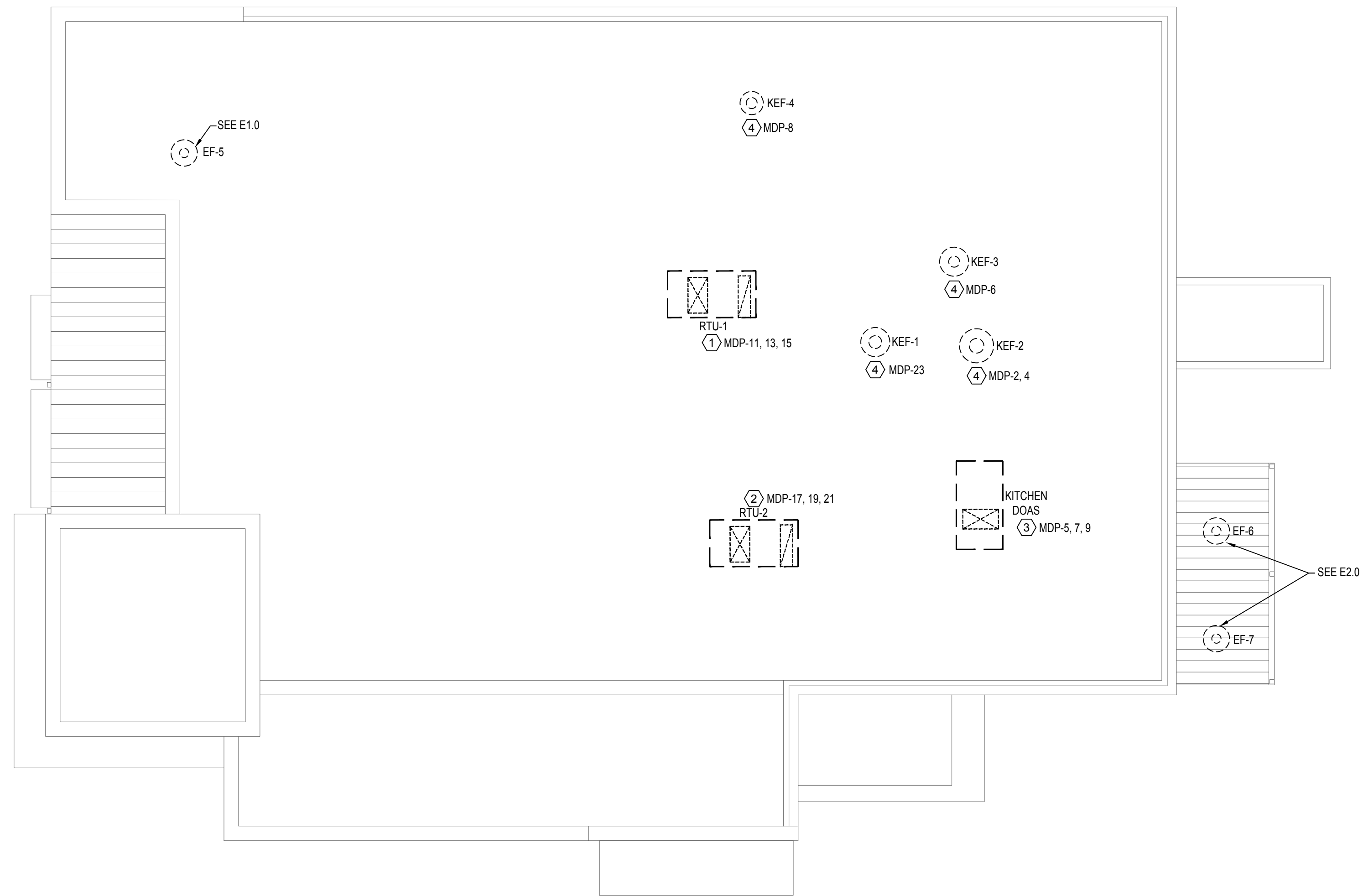
A

D

C

B

A



GENERAL NOTES THIS SHEET:

- REFER TO ARCHITECT'S FLOOR PLANS AND ARCHITECT'S ELEVATIONS FOR RECEPTACLE AND OUTLET LOCATIONS. PROVIDE ADDITIONAL RECEPTACLES AS REQUIRED.
- PROVIDE DEDICATED NEUTRAL FOR EACH CIRCUIT. DO NOT SHARE NEUTRAL CONDUCTORS.
- ALL CONDUIT SHALL BE 1/2" WITH 2-#12 AWG & 1-#12 GRD UNLESS NOTED OTHERWISE. FOR CONDUIT RUNS LONGER THAN 75', UPSIZE CONDUCTORS TO #10 AWG.
- GROUNDING SHALL BE IN ACCORDANCE WITH NEC ART. 250.
- PROVIDE POWER FOR ALL EQUIPMENT SHOWN ON MECHANICAL AND ARCHITECTURAL FLOOR PLANS. COORDINATE EXACT REQUIREMENTS WITH SUBMITTALS.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE NEC.
- ALL TOILET ROOM, KITCHEN, EQUIPMENT ROOM AND RECEPTACLES WITHIN 6' OF A PLUMBING FIXTURE SHALL BE GFCI TYPE. EXTERIOR RECEPTACLES SHALL WEATHERPROOF GFCI.
- PROVIDE RECEPTACLES NEAR AC EQUIPMENT FOR SERVICING AS REQUIRED BY THE NEC.
- SEE KITCHEN HOOD PLANS FOR WIRING DETAILS.
- RTU'S HAVE CONVENIENCE OUTLETS.

SPECIFIC NOTES THIS SHEET:

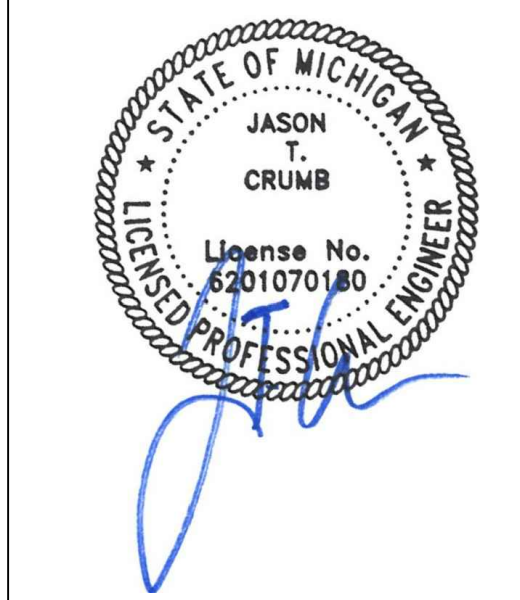
- RTU-1, 71.9 MCA, 80A MDP, 1" C, 3 #4 AWG & 1 #GRD.
- RTU-2, 71.9 MCA, 80A MDP, 1" C, 3 #4 AWG & 1 #GRD.
- DOAS, 81.5 MCA, 90 A MDP, 1 1/2" C, 3 #3 AWG & 1 #8 GRD.
- KITCHEN EXHAUST FAN WITH DISCONNECT SWITCH.

1 ROOF PLAN - ELECTRICAL
E2.1 1/8" = 1'-0"

SMOKEY BONES
UTICA, MI



COPYRIGHT
THESE DOCUMENTS ARE PROTECTED BY UNITED STATES COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT. ALL RIGHTS ARE RESERVED TO ARCHITECTURE.



REVISIONS NO. DATE	PROJECT NO: IA 2119
	SHEET
	E2.1

DATE 11/10/2021

ELECTRICAL

LEGEND

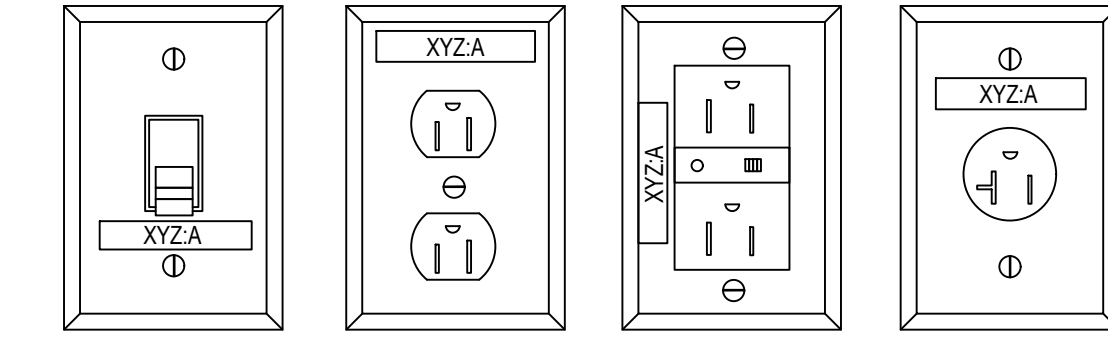
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
\$ _a	SINGLE POLE SWITCH	Ⓛ	DUPLEX RECEPTACLE MTD. 18" ABOVE FLOOR
\$ _{3a}	THREE WAY SWITCH	Ⓛ	DUPLEX RECEPT.MTD. ABOVE WORK SURFACE
\$ _F	COBINATION CEILING FANLIGHT SWITCH	ⓁWP	DUPLEX RECEPTACLE, WEATHERPROOF
\$ _D	DIMMER SWITCH	Ⓛ	FLOOR OUTLET
Ⓛ	HOME RUN TO PANEL	Ⓛ	SPECIAL OUTLET
Ⓛ	CONCEALED WIRING	ⓁGFI	DUPLEX RECEPT. W/GROUND FAULT INTERRUPTER
Ⓛ	DISCONNECT SWITCH W/VISIBLE BLADES	Ⓛ	QUADRAPLEX RECEPTACLE MTD. 18" ABOVE FLOOR
Ⓛ	ELECTRICAL HEATING ELEMENT	Ⓛ	JUNCTION BOX
Ⓛ	ELECTRIC METER	Ⓛ _S	ELECT. MOTOR W/APPROVED DISC. SWITCH
Ⓛ	STARTER/ DISCONNECT	Ⓛ	TELEPHONE OUTLET (WALL)
Ⓛsw	DUPLEX OUTLET WITH TOP WIRED TO SWITCH	Ⓛ	TELEPHONE OUTLET (FLOOR)
Ⓛ _V	VIDEO OUTLET	Ⓛ	DATA/CABLE OUTLET
\$ _{HVL}	HEAT VENT LIGHT COMBINATION SWITCH	Ⓛ _{USB}	DUPLEX RECEPT. W/USB CHARGERS
Ⓛ _{SK}	SOUND SYSTEM SPEAKER	\$ _{RS}	CLASSROOM LIGHTING CONTROL SYSTEM
Ⓛ _{ISP}	INTERCOM SPEAKER	Ⓛ _{CK}	CLOCK
TF	THEATRICAL LIGHT FIXTURE	F	LIGHTING FIXTURE

ELECTRICAL SPECIFICATIONS

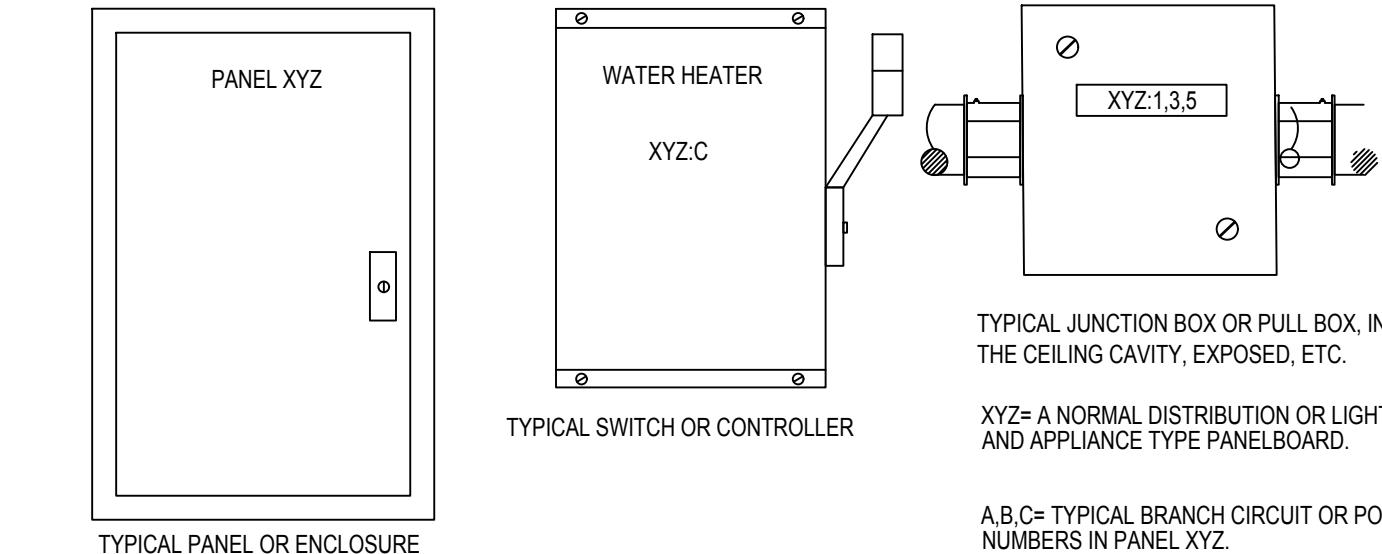
16100 - ELECTRICAL

- 1.1 General
 - A. Provide all labor, materials, equipment, fees, and electrical permits and all necessary items to install a complete electrical system.
 - B. It is the intent of this specification and of the plans to provide a complete system, regardless of whether each individual component is mentioned or not.
 - C. The work shall comply with the standards in the latest editions of the following listed codes and ordinances:
 1. NFPA NO. 70 "National Electric Code" latest edition.
 2. NECA "Standard of Installation."
 3. Electric utility company service standards.
 4. Telephone utility company service standards.
 5. Cable TV utility company service standards.
 6. Underwriter's Laboratory standards.
 7. Other local codes, ordinances and laws applicable to the place of work.
 - D. Materials and workmanship
 - A. The contractor shall be responsible for the timely placement of all conduits, outlet boxes, cabinets, and other wiring devices in the walls, ceilings, etc. as the construction progresses.
 - B. The contractor shall furnish and install all materials for electrical installation. All materials shall have UL Labels. All work shall be installed in a neat and workmanlike fashion.
 - C. Conduit shall be emt for branch circuit wiring. Set screw or crimp fittings are not allowed. Metal clad cable (MC) may be used where Allowed by code. MC cable shall not be used where exposed areas. MC cable shall be used in wiring channels in bottom of wood members. Exposed conduits below 6'-0" AFF shall be rigid galvanized steel. PVC (SCH 40) shall be used below grade only. PVC conduit shall transition to rigid galvanized steel below grade, prior to stub-up. Flexible conduit shall be used to make final connection to electrical equipment where required. 60" max. Liquid tight shall be used for exterior applications. 60" max. Minimum conduit size shall be 3/4", all conductors shall be thin, 600V copper building wire. Minimum wire size shall be #12 AWG unless noted otherwise. Conductors shall be color coded as follows:
 - Phase A - Back
 - Phase B - Red
 - Phase C - Blue
 - D. The contractor shall verify all dimensions and clearances prior to installation of equipment and raceways.
 - E. Outlet boxes shall be located as follows:
 1. Wall switches - 4'-0" above finished floor.
 2. Convenience outlets - 18" aff unless noted otherwise. Convenience outlets placed in the facing shall be placed so that they do not interfere with the trim.
 - F. Convenience receptacles shall be 20 amp, 125 volt NEMA 5-20R, unless noted otherwise. Cover plates shall match adjacent surface. cover plates in kitchen shall be stainless steel.
 - G. Wall switches shall be 20 amp, 120/277 V AC, single pole, unless noted otherwise. Cover plates shall match adjacent surface. cover plates in kitchen shall be stainless steel.
 - H. Wiring device plates shall be plastic, painted to match wall, in dining rooms, stainless steel in kitchen and bar areas and ivory plastic in office, liquor storage room and toilets. Provide blank cover plates for all unused outlets (data, telephone, etc.).
 - I. Panelboards are scheduled on the drawings. General Electric, Square D, or Cutler-Hammer. All terminals shall be rated for 75 degrees C minimum. All panelboards shall have solid copper busses. Short circuit rating shall be as listed on panel schedules. Panelboards shall be furnished in a single UL Listed electrical enclosure (unitized switchboard). Contractor shall verify all dimensions and proper clearances are maintained prior to installing the main electrical enclosure. Unit shall be purchased from: Carolina Products, Inc. 1132 Pro Am Drive Charlotte, NC 28211 Phone: 1-800-736-4455
 - J. Grounding the electrical system shall be in accordance with Article 250 of the National Electrical Code and with local requirements. code and with local requirements. Ground service to building steel, driven ground rod, and cold water pipe.
 - K. Make final connections to kitchen and bar equipment set in place by others. Make electrical connections to all items shown as part of the general contract which require electricity. This shall include all electrical wiring for the walk-in coolers and freezers, including lights and control wiring. Wire and install equipment shipped loose.
- L. The contractor shall furnish and install equipment disconnects as indicated or required. Fuses in all disconnect switches and other fusible device shall be dual element current limiting type. Furnish with 3 spare fuses of each type and size used on the job. Switches and fuses shall be size to suit the actual equipment being served.
- M. Connect motor starters, relays, switches, and related items which are provided under the mechanical work.
- N. Install a new underground electrical service from the utility company's exterior power facilities. Contractor shall coordinate with utility company prior to work and make all modifications as required. The new service shall include the underground conduit and conductors shown on the plans and provisions for metering and associated hardware. Coordinate the location and installation of the utility company's transformer. Contractor shall review the unitized switch board drawings prior to rough-in of service to verify proper stub-up locations for feeders. Contractor shall coordinate with utility company for primary conduit installation (if required). The contractor shall be responsible for all fees associated with the new service.
- O. Provide raceways and boxes for cash register point of sale (pos), data cables (provided), installed and connected by owner, including connectors and coverplates. This system does require conduit except in wall and under floors. Final connection of cables to equipment is by owner.
- P. Install lighting control and dimmer system as noted on plans, including all interface requirements. System provided by owner.
- Q. Ductwork takes precedence over electrical conduit. Coordinate conduit runs to allow ductwork to be installed as drawn. Light fixtures take precedence over ductwork.
- R. All interior lights shall be controlled from wall switches and dimmer system. lights shall not be switched from panels alone.
- S. Install an underground telephone conduit for the new service. Provide and install a pvc conduit from the point of origin of the service to the mechanical room. Install a pull chord for use by others. Size conduit per telephone company requirements.
- T. All exterior lighting circuits shall be routed to terminals in vented switchboard. Circuits routed internal via contactors. Contactors shall be controlled by lighting control system as indicated on plans.
- U. Install an underground cable TV conduit for the new service. Provide and install a pvc conduit from the point of origin of the service to the mechanical room. Install a pull chord for use by others. Size conduit per television company requirements.
- V. All enclosures shall be of the NEMA type which is suitable for the application.
- W. All work shall have proper labeling. All circuits shall be labeled at panels and boxes as indicated. All panels and disconnects are to be permanently marked with name or equipment served utilizing engraved nameplates, laminated phenolic black with white letters, 3/8" min. All panels are to be approved with type written panel schedules.
- X. All breakers shall be HACR rated.
- Y. Provide and install conduit and junction boxes for exterior signs (disconnects per nec-600-6) and interior lighting as indicated on the Drawings.
- Z. Fire alarm and security system shall be installed by aedt, owner's system and contractor.

Contractor shall install all boxes and conduit as required by ADT. All boxes for fire alarm system shall be installed at the proper height to meet ADA requirements (80" AFF for strobes and 48" for pull stations).



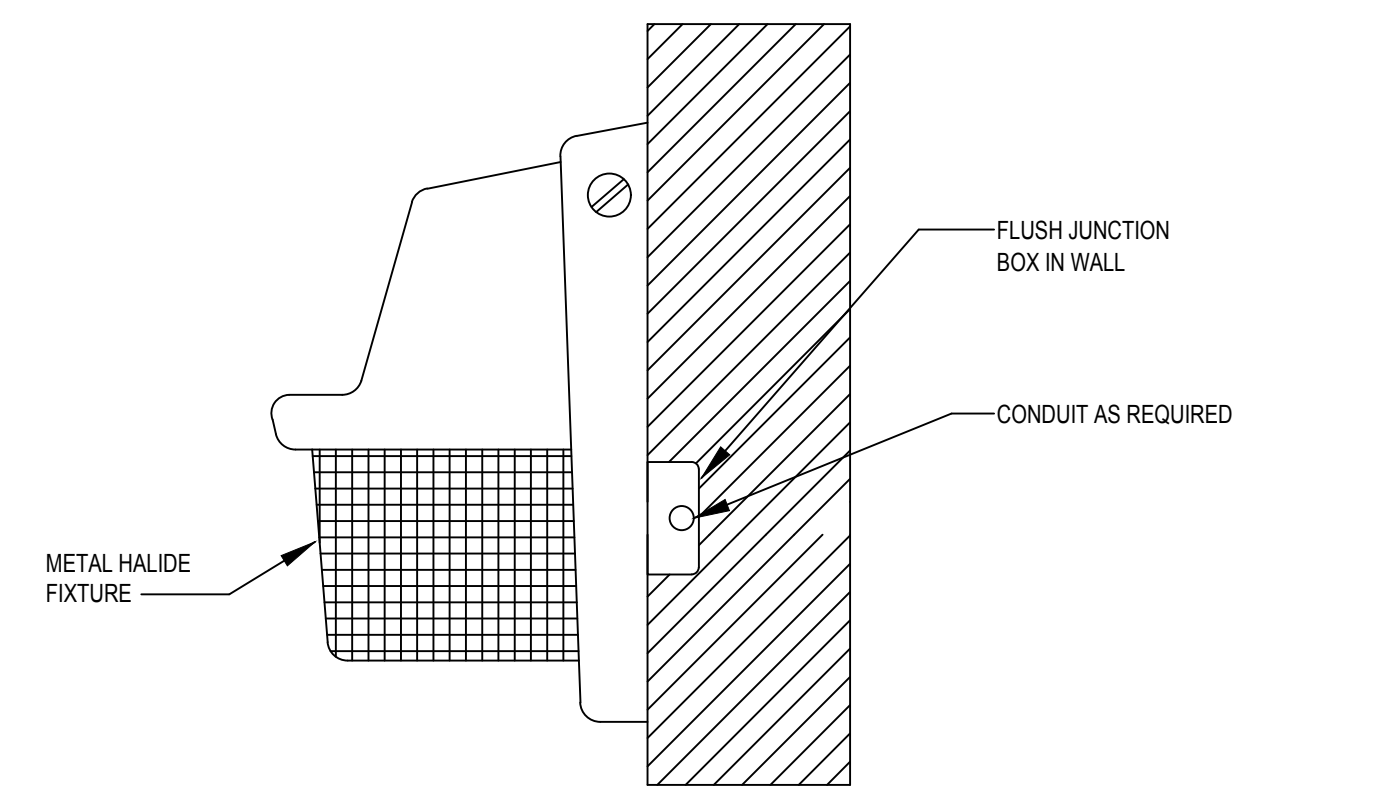
TYPICAL DEVICE LABELING



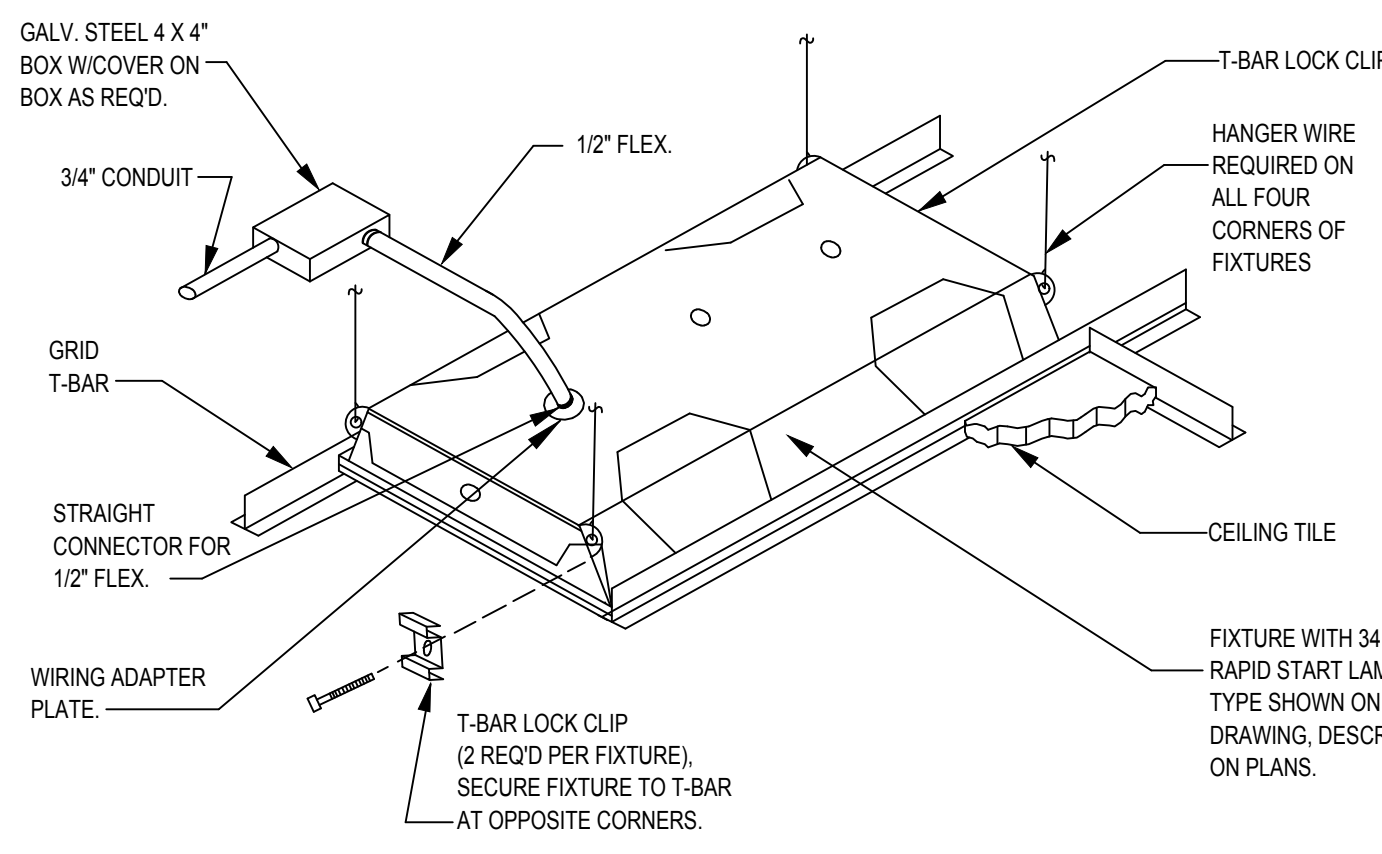
TYPICAL JUNCTION BOX OR PULL BOX, IN THE CEILING CAVITY, EXPOSED, ETC.
XYZ=A NORMAL DISTRIBUTION OR LIGHTING AND APPLIANCE TYPE PANELBOARD.
A,B,C= TYPICAL BRANCH CIRCUIT OR POLE NUMBERS IN PANEL XYZ.

TYPICAL PANEL OR ENCLOSURE
TYPICAL SWITCH OR CONTROLLER
NO SCALE

DEVICE AND EQUIPMENT LABELING DETAIL



1 EXTERIOR LIGHTING FIXTURE MOUNTING DETAIL
E3.0 N.T.S.



2 TYPICAL RECESSED FLUORESCENT FIXTURE MOUNTING
E3.0 N.T.S.

PANEL	D	CABINET SURFACE MOUNTED		TYPE DIMMER		ØA	ØB	ØC
		VOLTAGE	FEEDER TOP	MAINS	125AMP MLO			
208Y/120V, 3Ø, 4W								
CKT.	CH.	NOTE	DESCRIPTION	DIMMER	CKT. BREAKER			
1	1		DINING TABLES - FRONT/LEFT	2.4 KW	20'1	1320		
2	2		DINING TABLES - TRACK FRONT	2.4 KW	20'1		900	
3	3		DINING TABLES - BAR	2.4 KW	20'1			700
4	4		DINING TABLES - TRACK	2.4 KW	20'1	800		
5	5		NOT USED	2.4 KW	20'1		1550	
6	6		NOT USED	2.4 KW	20'1			1500
7	7		EXTERIOR LIGHTS	2.4 KW	20'1	1200		
8	8		BAR - GLASS RACK	2.4 KW	20'1		320	
9	9		BAR - TOP	2.4 KW	20'1			720
10	10		BAR - WORK	2.4 KW	20'1	1600		
11	11		BOOTH	2.4 KW	20'1		920	
12	12		NOT USED	2.4 KW	20'1			1000
13	12		NOT USED	2.4 KW	20'1	1000		
14	13		NOT USED	2.4 KW	20'1		1500	
15	14		LOBBY/ENTRY	2.4 KW	20'1			1200
16	15		ACCENT/ENTRY	2.4 KW	20'1	750		
17	16		NOT USED	2.4 KW	20'1		1000	
18	16		NOT USED	2.4 KW	20'1			1000
19	16		NOT USED	2.4 KW	20'1	1200		
20	17		BAR	2.4 KW	20'1		1600	
21	18		NOT USED	2.4 KW	20'1			800
22	19		NOT USED	2.4 KW	20'1	1320		
23	20		ENTRY	2.4 KW	20'1			
24	21		NOT USED	2.4 KW	20'1			
25	-	L	EMERGENCY/EXIT LIGHTS	-	20'1	1320		
INTEGRATED EQUIPMENT RATING: 22,000 AIC				KVA PHASE TOTAL:		9.2	7.8	6.9
				KVA PANELBOARD LOAD TOTAL:		23.9		

NOTES:
L= LOCK-ON DEVICE ON CIRCUIT BREAKER HANDLE.

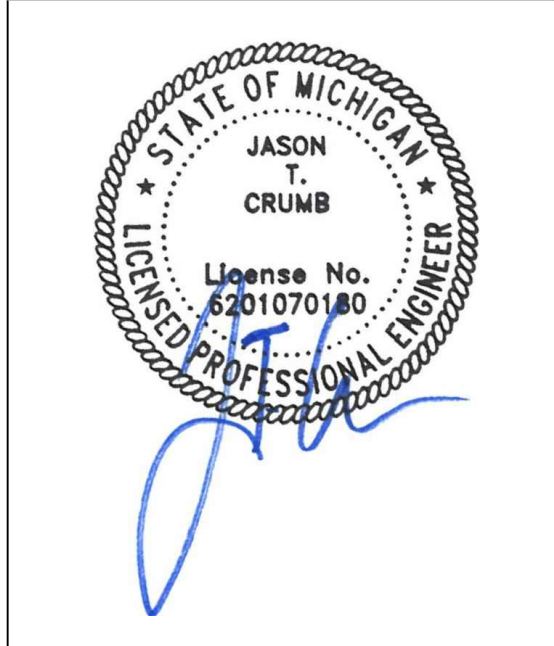
1 ELECTRICAL SCHEDULES AND DETAILS E3.0 NO SCALE

IA ARCHITECTURE

SMOKEY BONES
UTICA, MI

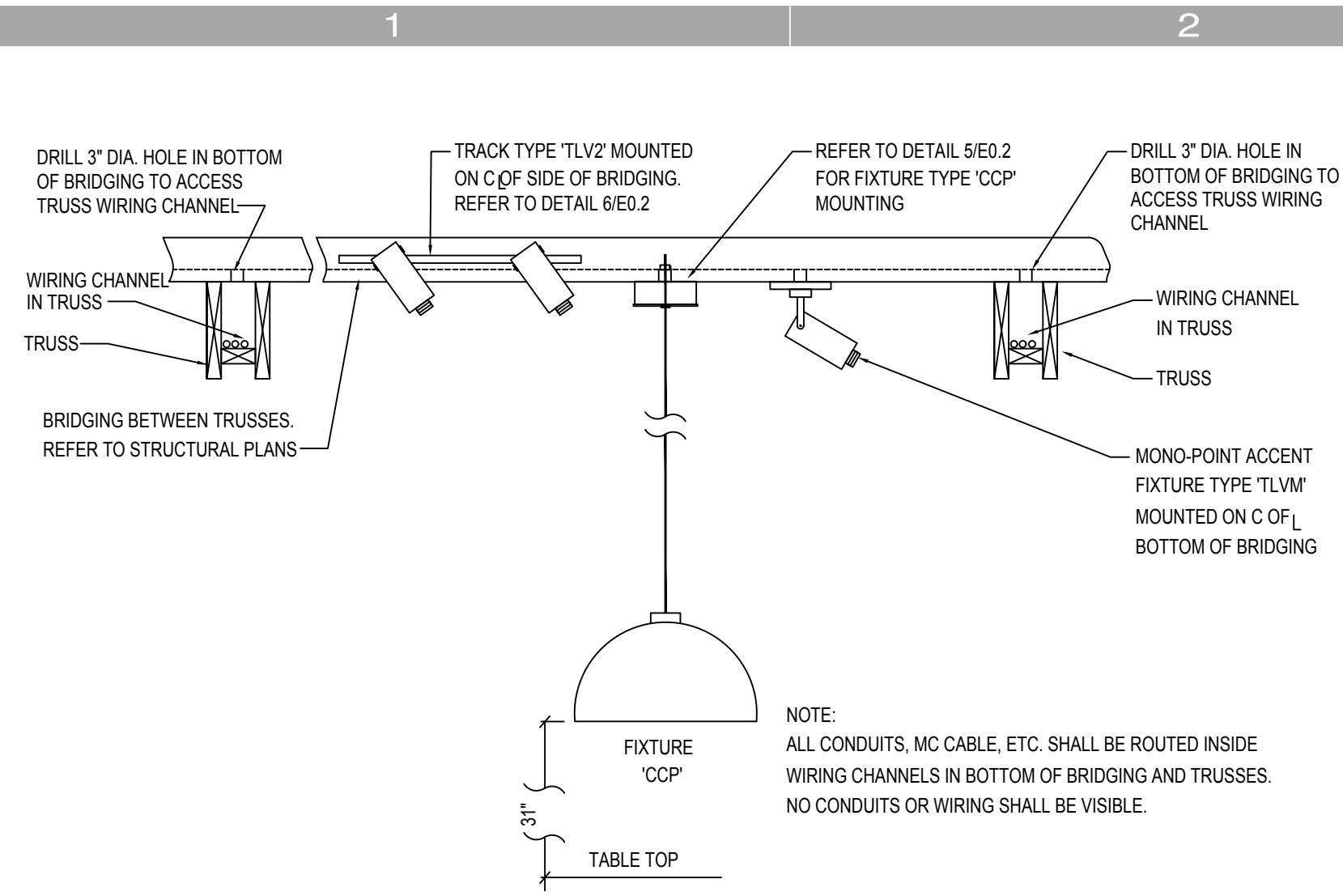


COPYRIGHT
THESE DOCUMENTS ARE PROTECTED BY UNITED STATES COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT. ALL RIGHTS ARE RESERVED TO ARCHITECTURE.

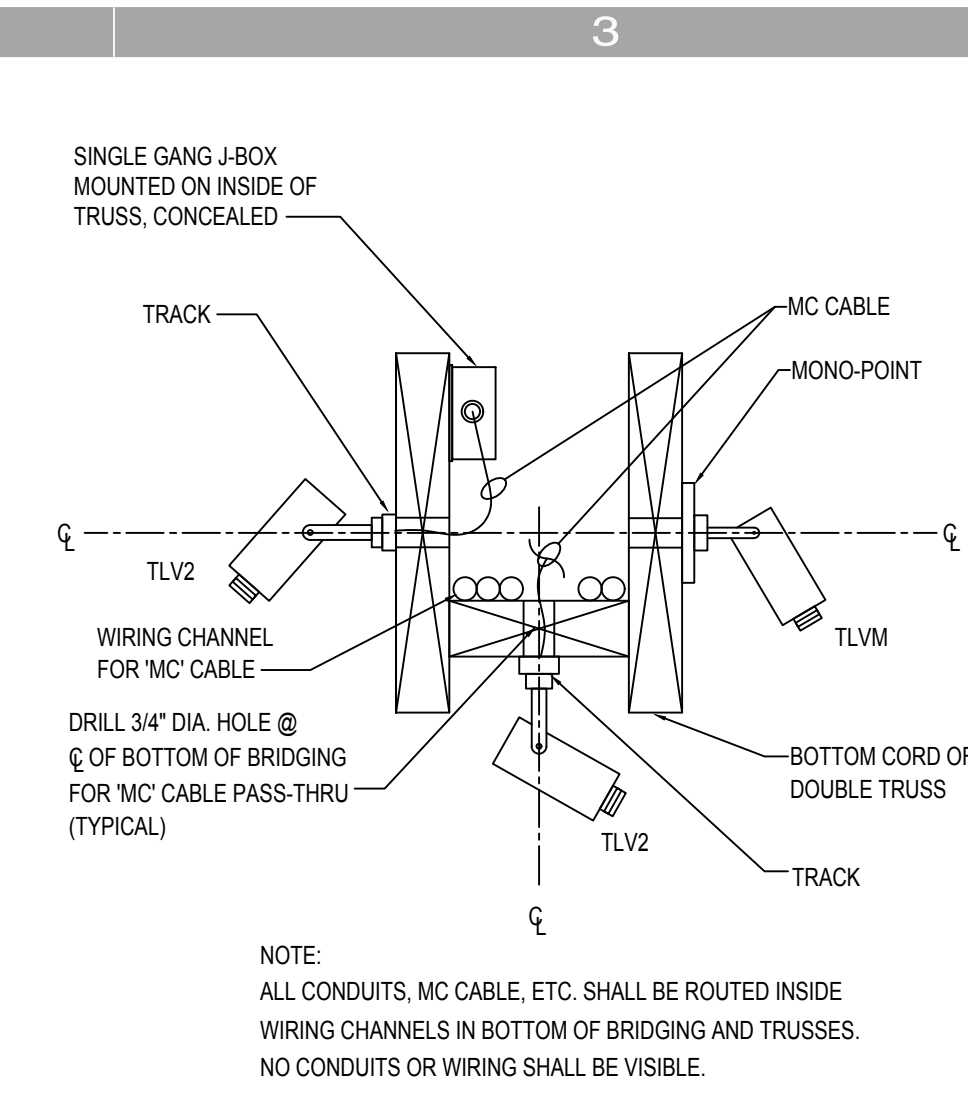


REVISIONS NO. DATE	PROJECT NO. IA 2119
	SHEET
	E3.0

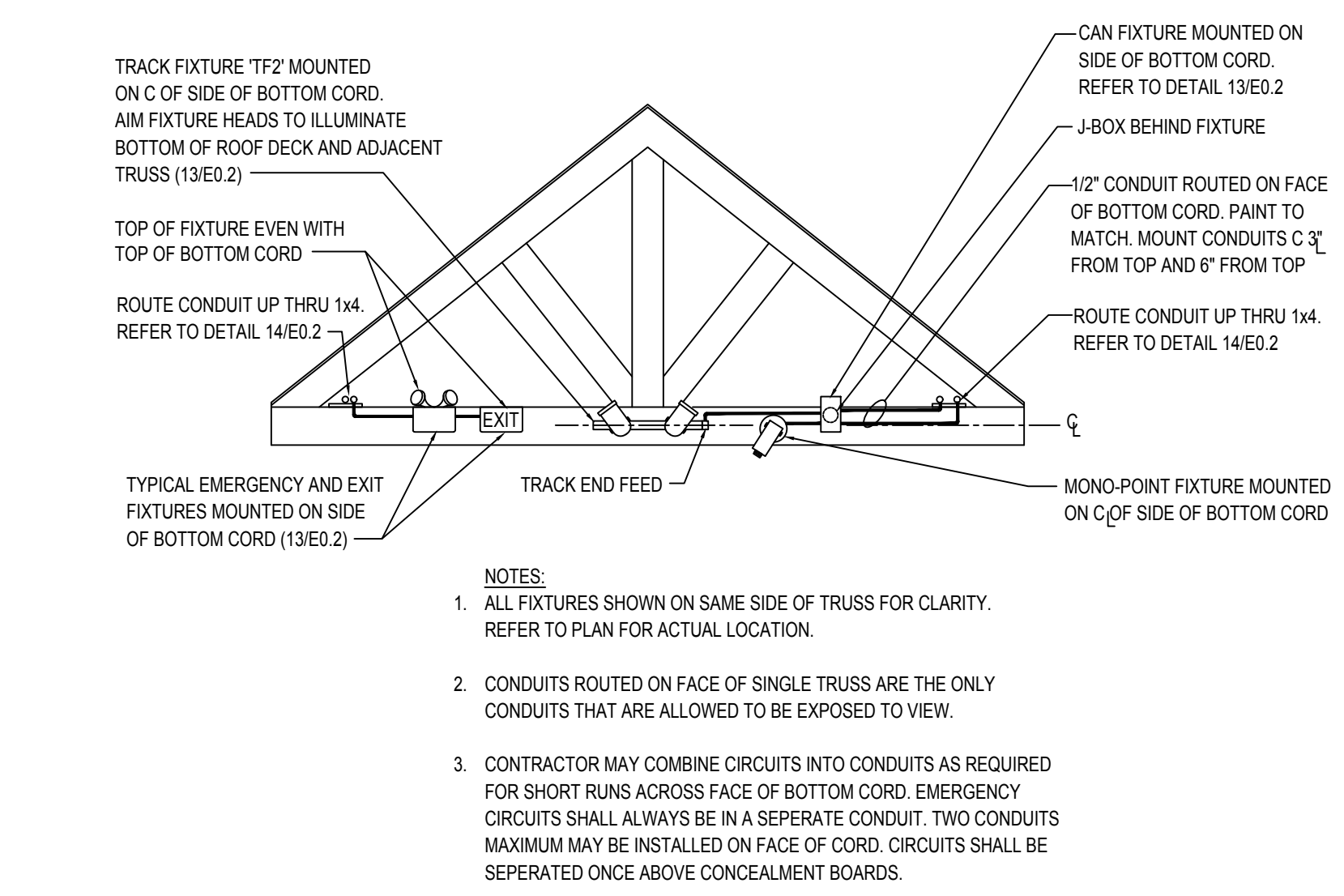
DATE 11/10/2021



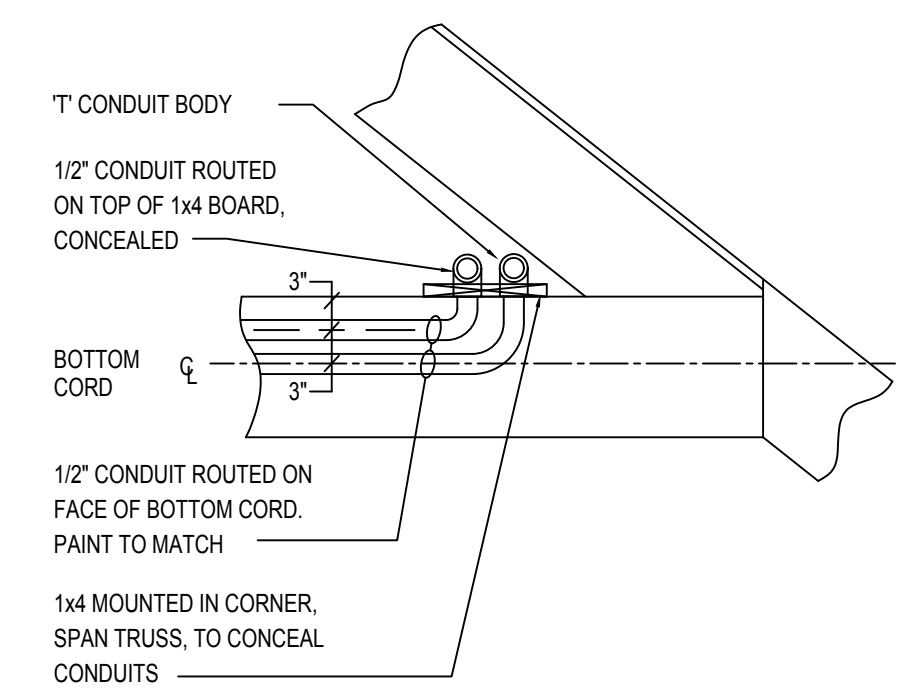
1
E3.1
LIGHT FIXTURE SUPPORT DETAILS @ BRIDGING
N.T.S.



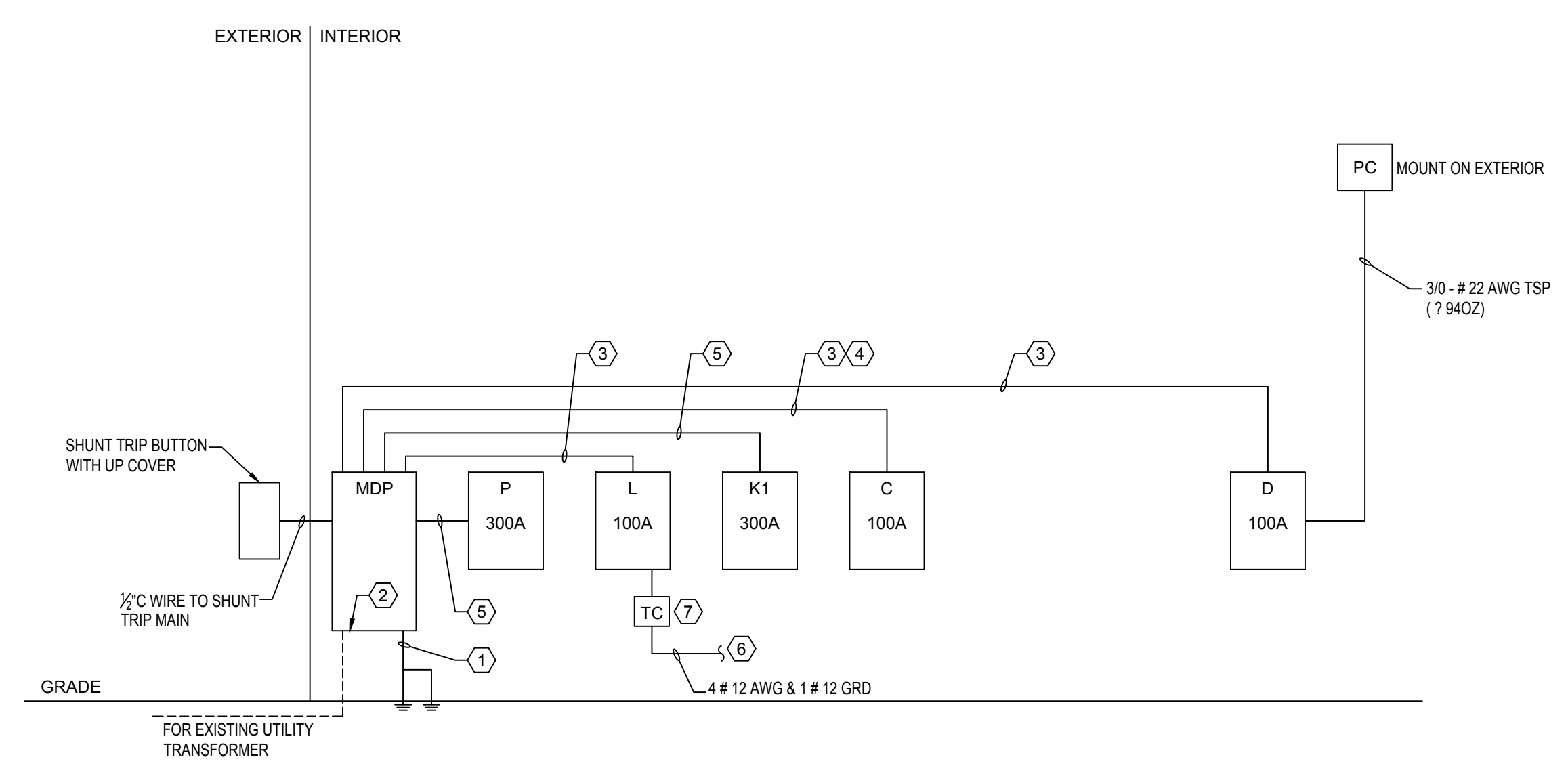
2
E3.1
TYPICAL TRACK MOUNTING DETAIL @ TRUSS
N.T.S.



3
E3.1
ELEVATION OF SINGLE TRUSS,
TYPICAL FIXTURE MOUNTING
N.T.S.



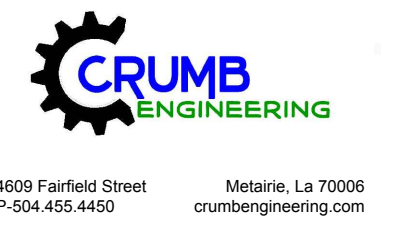
4
E3.1
CONDUIT CONCEALMENT DETAIL
N.T.S.



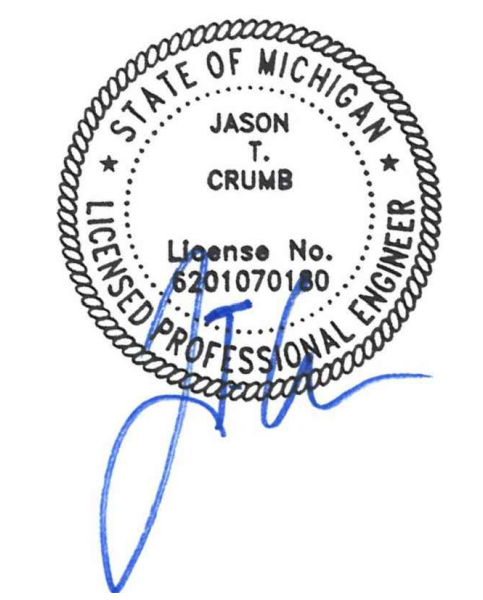
FEEDER DIAGRAM NOTES:

- ① #6 GRD TO 2 x 3/4\"/>
- ② CONNECT EXISTING FEEDERS TO MAIN BREAKER.
- ③ 1 1/2\"/>
- ④ PROVIDE # 8 ISOLATED GRD TO MDR.
- ⑤ 3\"/>
- ⑥ CAPTURE EXISTING EXTERIOR LIGHT CIRCUITS.
- ⑦ 2-POLE DIGITAL TIME CLOCK.

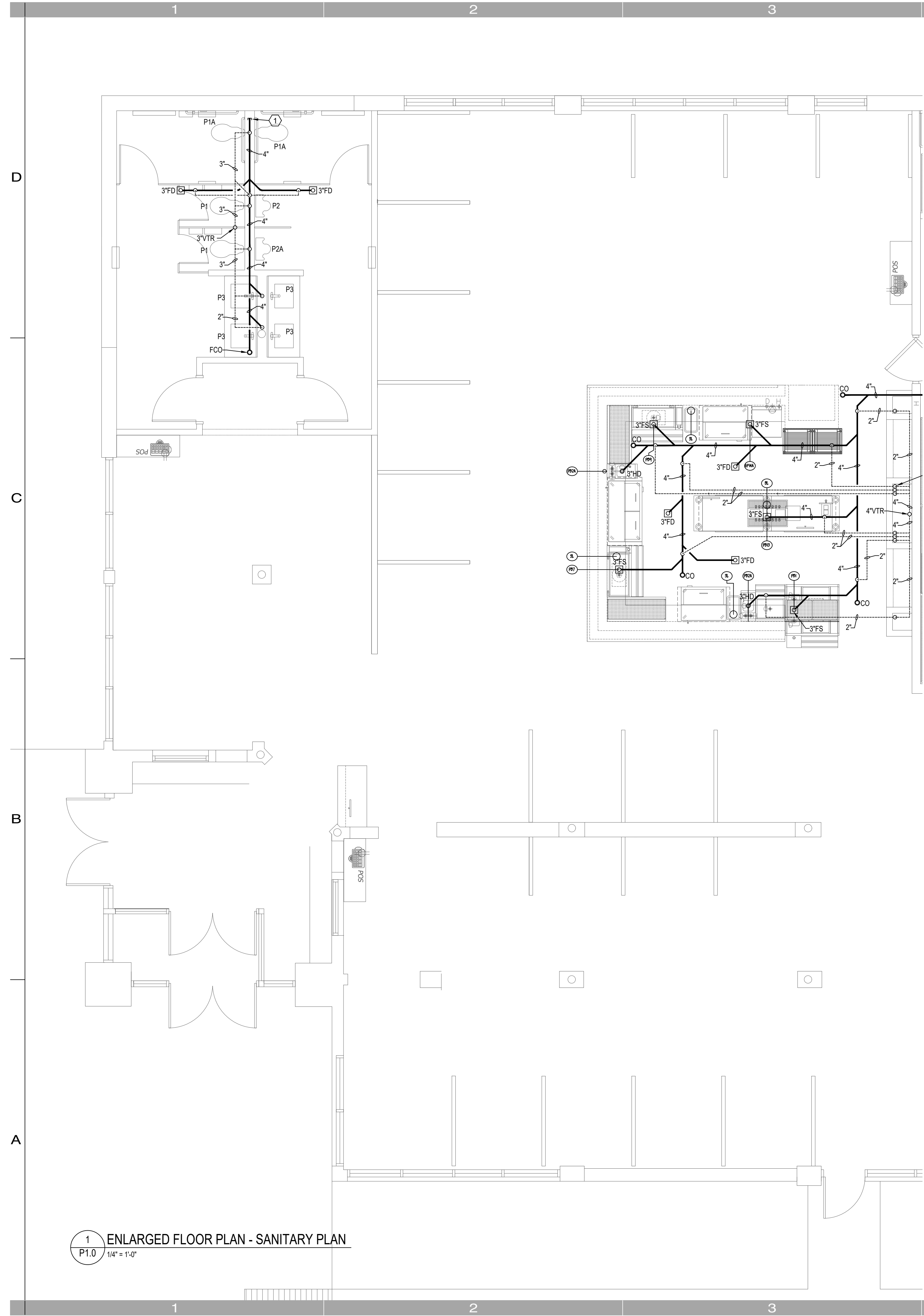
1
E3.1
ELECTRICAL SCHEDULES AND DETAILS
NO SCALE



COPYRIGHT
THESE DOCUMENTS ARE PROTECTED BY UNITED STATES COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT. ALL RIGHTS ARE RESERVED TO ARCHITECTURE.



REVISIONS NO. DATE	PROJECT NO: IA 2119
	SHEET
	E3.1

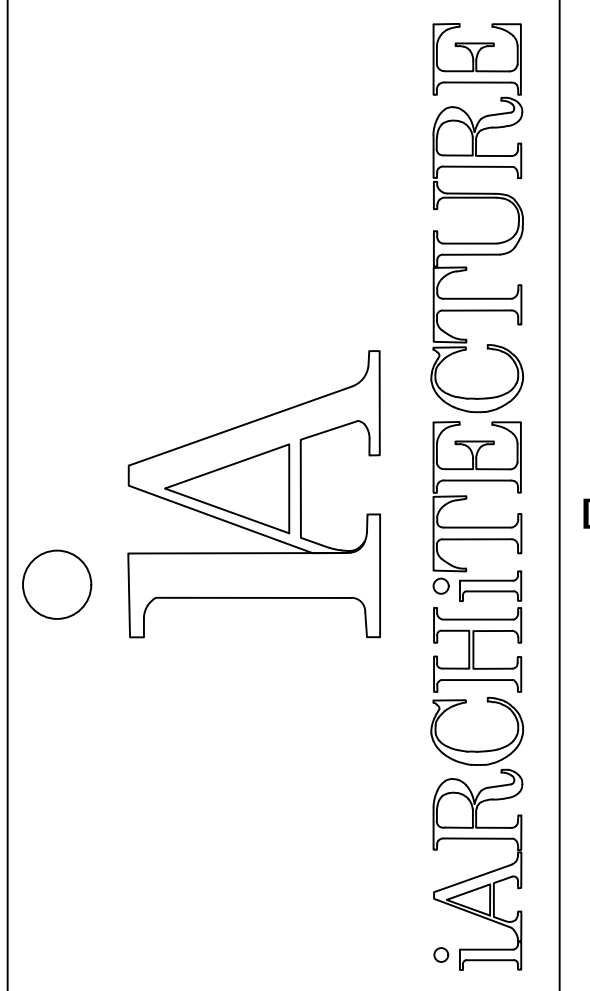


- K1 P.C. TO INSTALL K.E.C. FURNISHED MECHANICAL GAS SHUT-OFF VALVE IN MAIN GAS SUPPLY LINE IN ACCESSIBLE LOCATION PRIOR TO BRANCHING GAS SERVICE TO EQUIPMENT. P.C. TO VERIFY GAS LINE SIZE PER VALVE.
- KITCHEN EQUIPMENT PLUMBING ROUGH-IN NOTES:**
- G14 3/4" NPT 100,000 BTU SERVICE @ (24" A.F.F.) P.C. TO EXTEND TO DOUBLE DECK CONVECTION OVEN MANIFOLD (ITEM #14). THRU F.F.E.C. FURNISHED QUICK DISCONNECT.
- G15 3/4" NPT 50,000 BTU SERVICE @ (24" A.F.F.) P.C. TO EXTEND TO RETHERMALIZER (ITEM #15). THRU F.F.E.C. FURNISHED QUICK DISCONNECT.
- G16 3/4" NPT 52,000 BTU SERVICE @ (24" A.F.F.) P.C. TO EXTEND TO HOT PLATE (ITEM #16). THRU F.F.E.C. FURNISHED QUICK DISCONNECT.
- G30 1-1/4" NPT MANIFOLD 525,000 BTU SERVICE @ (24" A.F.F.) P.C. TO EXTEND TO FRYER/BATTERY (ITEM #30).
- G34 3/4" NPT 136,000 BTU SERVICE @ (24" A.F.F.) P.C. TO EXTEND TO CHARBROILER (ITEM #34). THRU F.F.E.C. FURNISHED QUICK DISCONNECT.
- G35 3/4" NPT 100,000 BTU SERVICE @ (24" A.F.F.) P.C. TO EXTEND TO GRIDDLE (ITEM #36). THRU F.F.E.C. FURNISHED QUICK DISCONNECT.
- PSL 1/2" COLD WATER @ (+60" A.F.F.) FOR SODA SYSTEM. ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES ONLY. THIS ITEM IS TO BE PROVIDED AND INSTALLED BY OTHERS. VERIFY LOCATION WITH PROVIDER.
- PSLA FLOOR DRAIN FOR SODA SYSTEM. ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES ONLY. THIS ITEM IS TO BE PROVIDED AND INSTALLED BY OTHERS. VERIFY LOCATION WITH PROVIDER.
- P1 (4 LOCATIONS) 1/2" 120 DEG. HOT AND COLD WATER @ (+18" A.F.F.) P.C. TO EXTEND TO FAUCET MOUNTED ON HAND SINK (ITEM #1).
- P1A (4 LOCATIONS) 1-1/2" WASTE @ (+15" A.F.F.) P.C. TO EXTEND DRAIN FROM HAND SINK (ITEM #1) TO THIS POINT.
- P6 1/2" COLD WATER @ (+66" A.F.F.) P.C. TO EXTEND TO ICE MACHINE (ITEM #6). THRU F.F.E.C. FURNISHED WATER FILTER.
- P6A 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM ICE BIN (ITEM #6) TO THIS POINT. (SEE GENERAL NOTE 4).
- P7 1/2" HOT AND COLD WATER @ (+18" A.F.F.) P.C. TO EXTEND TO FAUCET MOUNTED ON PREP TABLE (ITEM #7).
- P7A 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO MANIFOLD DRAIN LINES FROM 2 COMPARTMENT SINK (ITEM #7) AND EXTEND TO THIS POINT. (SEE GENERAL NOTE 4).
- P11 1/2" HOT AND COLD WATER @ (+36" A.F.F.) P.C. TO EXTEND TO WALL MOUNTED FAUCET FOR MOP SINK (ITEM #11)
- P11A (STUB-UP) 3" WASTE TRAPPED BELOW FLOOR. P.C. TO EXTEND TO DRAIN IN MOP SINK.
- P15 1/2" COLD WATER @ (+12" A.F.F.) P.C. TO EXTEND TO RETHERMALIZER (ITEM #15).
- P15A 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM RETHERMALIZER (ITEM #15) TO THIS POINT. (SEE GENERAL NOTE 4).
- P42 1/2" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM HOT FOOD WELL (ITEM #42) TO THIS POINT. (SEE GENERAL NOTE 4).
- P56 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM ICE CREAM DIPPING CABINET (ITEM #56) TO THIS POINT. (SEE GENERAL NOTE 4).
- P68 1/2" COLD WATER @ (+48" A.F.F.) P.C. TO EXTEND TO SODA DISPENSER (ITEM #68). ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES THIS ITEM IS TO BE PROVIDED AND INSTALL BY OTHERS. VERIFY LOCATION WITH PROVIDER.
- P68A 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM SODA DISPENSER (ITEM #68) TO THIS POINT. ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES THIS ITEM IS TO BE PROVIDED AND INSTALL BY OTHERS. VERIFY LOCATION WITH PROVIDER. P.C. TO EXTEND DRAIN LINE FROM TROUGH DRAIN BEVERAGE TABLE (ITEM #65) TO THIS POINT. (SEE GENERAL NOTE 4).
- P67 1/2" COLD WATER @ (+48" A.F.F.) P.C. TO EXTEND TO COFFEE BREWER (ITEM #67). ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES THIS ITEM IS TO BE PROVIDED AND INSTALL BY OTHERS. VERIFY LOCATION WITH PROVIDER.
- P73 1/2" HOT AND COLD WATER @ (+12" A.F.F.) P.C. TO EXTEND TO FAUCET MOUNTED ON PREP TABLE SINK (ITEM #73).
- P73A 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO MANIFOLD (2) DRAIN LINES FROM PREP TABLE SINK (ITEM #73) AND EXTEND TO THIS POINT. (SEE GENERAL NOTE 4).
- P76 1/2" HOT AND COLD WATER @ (+18" A.F.F.) P.C. TO EXTEND TO FAUCET MOUNTED ON SOILED DISHTABLE (ITEM #76).
- P76A 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM SOILED DISHTABLE (ITEM #76) TO THIS POINT. (SEE GENERAL NOTE 4).
- P78 1/2" HOT WATER @ (+50" A.F.F.) P.C. TO EXTEND TO DISHWASHER (ITEM #20).
- P78A 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM SOILED DISHTABLE (ITEM #76). P.C. TO EXTEND DRAIN FROM DISHWASHER (ITEM #78) TO THIS POINT. (SEE GENERAL NOTE 4).
- P80 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO MANIFOLD (3) DRAIN LINES FROM POT AND PAN SINK (ITEM #81) AND EXTEND TO THIS POINT. (SEE GENERAL NOTE 4).
- P81 1/2" HOT AND COLD WATER @ (+12" A.F.F.) P.C. TO EXTEND TO FAUCET MOUNTED ON POT AND PAN SINK (ITEM #81).
- P82 (STUB-UP) 1/2" COLD WATER. P.C. TO EXTEND TO SOAK SINK FAUCET (ITEM #82) MOUNTED ON SOILED DISHTABLE (ITEM #76).
- BAR EQUIPMENT PLUMBING ROUGH-IN NOTES:**
- SL (2 LOCATIONS) (STUB-UP) 6" PVC CHASE FOR SODA LINES. ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES THIS ITEM IS TO BE PROVIDED AND INSTALL BY OTHERS. VERIFY LOCATION WITH PROVIDER.
- BL (STUB-UP) 6" PVC CHASE FOR BEER LINES. ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES THIS ITEM IS TO BE PROVIDED AND INSTALL BY OTHERS. VERIFY LOCATION WITH PROVIDER.
- PB1 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM PASS-THRU COCKTAIL STATION (ITEM #81) AND UNDERBAR ICE BIN (ITEM #84) TO THIS POINT. (SEE GENERAL NOTE 4).
- PB2 (2 LOCATIONS) 1/2" 120 DEG. HOT AND COLD WATER @ (+12" A.F.F.) P.C. TO EXTEND TO UNDERBAR HAND SINK (ITEM #2)
- PB2A (2 LOCATIONS) 1-1/2" WASTE @ (+10" A.F.F.) P.C. TO EXTEND TO UNDERBAR HAND SINK (ITEM #2)
- PB7 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM UNDERBAR ICE BIN (ITEM #87) AND DRAIN BOARD (ITEM #812) TO THIS POINT. (SEE GENERAL NOTE 4).
- PB9 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM UNDERBAR ICE BIN (ITEM #89) AND DRAIN BOARD (ITEM #810) TO THIS POINT. (SEE GENERAL NOTE 4).
- PB13 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM BEER TROUGH MOUNTED ON BACK BAR COOLER (ITEM #813) TO THIS POINT. (SEE GENERAL NOTE 4).
- PB14 1/2" HOT WATER @ (+15" A.F.F.) P.C. TO EXTEND TO GLASS WASHER (ITEM #14). ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES ONLY. THIS ITEM IS TO BE PROVIDED AND INSTALLED BY OTHERS. VERIFY LOCATION WITH PROVIDER.
- PB14A 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM GLASS WASHER (ITEM #14) TO THIS POINT. (SEE GENERAL NOTE 4). ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES ONLY. THIS ITEM IS TO BE PROVIDED AND INSTALLED BY OTHERS. VERIFY LOCATION WITH PROVIDER.

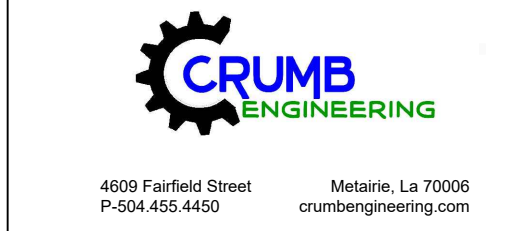
- GENERAL NOTES THIS SHEET:**
- ALL SEWER AND STORM DRAIN PIPING SHALL BE RUN BELOW SLAB UNLESS NOTED OTHERWISE. HANG FROM SLAB PER DETAIL.
 - VENT PIPING SHALL BE RUN ABOVE CEILING OR TIGHT TO STRUCTURE.
 - PROVIDE TRAP PRIMERS ON ALL FLOOR DRAINS.
 - INSULATE HORIZONTAL RUN OF ALL WASTE PIPING RECEIVING A/C CONDENSATE.
 - INSULATE ROOF DRAINS AND HORIZONTAL STORM DRAIN PIPING RUNS ABOVE GRADE.
 - ALL COLD WATER, HOT WATER AND HOT WATER RE-CIRCULATING PIPING SHALL BE RUN ABOVE CEILING OR TIGHT TO STRUCTURE. STORM DRAIN PIPING ABOVE GRADE SHALL BE RUN ABOVE CEILING OR TIGHT TO STRUCTURE.
 - ALL WATER PIPING SHALL BE 3/4" UNLESS NOTED OTHERWISE.
 - PROVIDE AIR CHAMBERS ON ALL DOMESTIC WATER BRANCH PIPING SERVING FIXTURES.
 - PROVIDE ISOLATION VALVES IN THE HOT AND COLD WATER PIPING TO ALL FIXTURE GROUPS.
 - MINIMUM VENT THRU ROOF SHALL BE 2'.
 - ALL FIXTURES SHALL BE INSTALLED LEVEL AND TRUE, CENTER FIXTURES WHERE APPLICABLE. FOR INSTANCE WATER CLOSETS IN NON-ADA STALLS.
 - ALL ADA FIXTURES SHALL BE INSTALLED PER ADA GUIDELINES.
 - FLOOR DRAINS IN TOILET ROOMS SHALL BE COORDINATED AND LOCATED PER ARCHITECTURAL FLOOR PLANS.
 - FLOOR DRAINS USED FOR AIR UNITS SHALL BE LOCATED AS CLOSE TO EDGE OF UNIT AS POSSIBLE. COORDINATE LOCATION WITH SUBMITTED UNIT DIMENSIONAL DATA.
 - PLUMBING SHALL CONFORM TO THE INTERNATIONAL PLUMBING CODE.
 - ALL LAVATORIES, HANDWASH SINKS AND KITCHEN SINKS SHALL BE PROVIDED WITH A THERMOSTATIC MIXING VALVE LOCATED ABOVE THE CEILING WITH THE HW PIPED TO THE LAVATORY FIXTURE GROUP HW INLET(S). FOR 1 TO 6 LAVATORIES, USE LEONARD MODEL LF-370 OR LAWLOR MODEL 570 WITH 3/4" FITTINGS. 3-COMPARTMENT SINK AND DISHWASHER DO NOT NEED MIXING VALVES.
 - PLUMBING DRAWINGS ARE SCHEMATIC IN NATURE. COORDINATE PIPE ROUTING WITH STRUCTURE AND UNDERGROUND SUPPORTS. ADJUST LOCATION AS REQUIRED.
 - REFER TO KITCHEN EQUIPMENT PLAN FOR KITCHEN EQUIPMENT GENERAL NOTES.
 - SEE SHEETS P3.0 - P3.2 FOR PLUMBING DETAILS.

- SPECIFIC NOTES THIS SHEET:**
- CONNECT TO EXISTING SEWER. VERIFY EXACT LOCATION ON SITE.

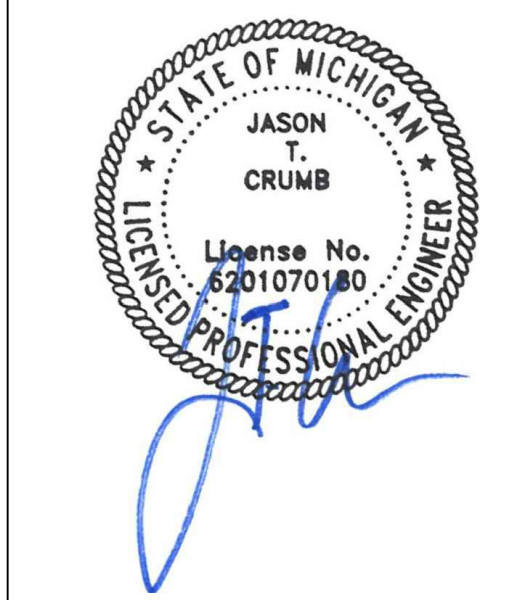
1 ENLARGED FLOOR PLAN - SANITARY PLAN
P1.0 1/4" = 1'-0"



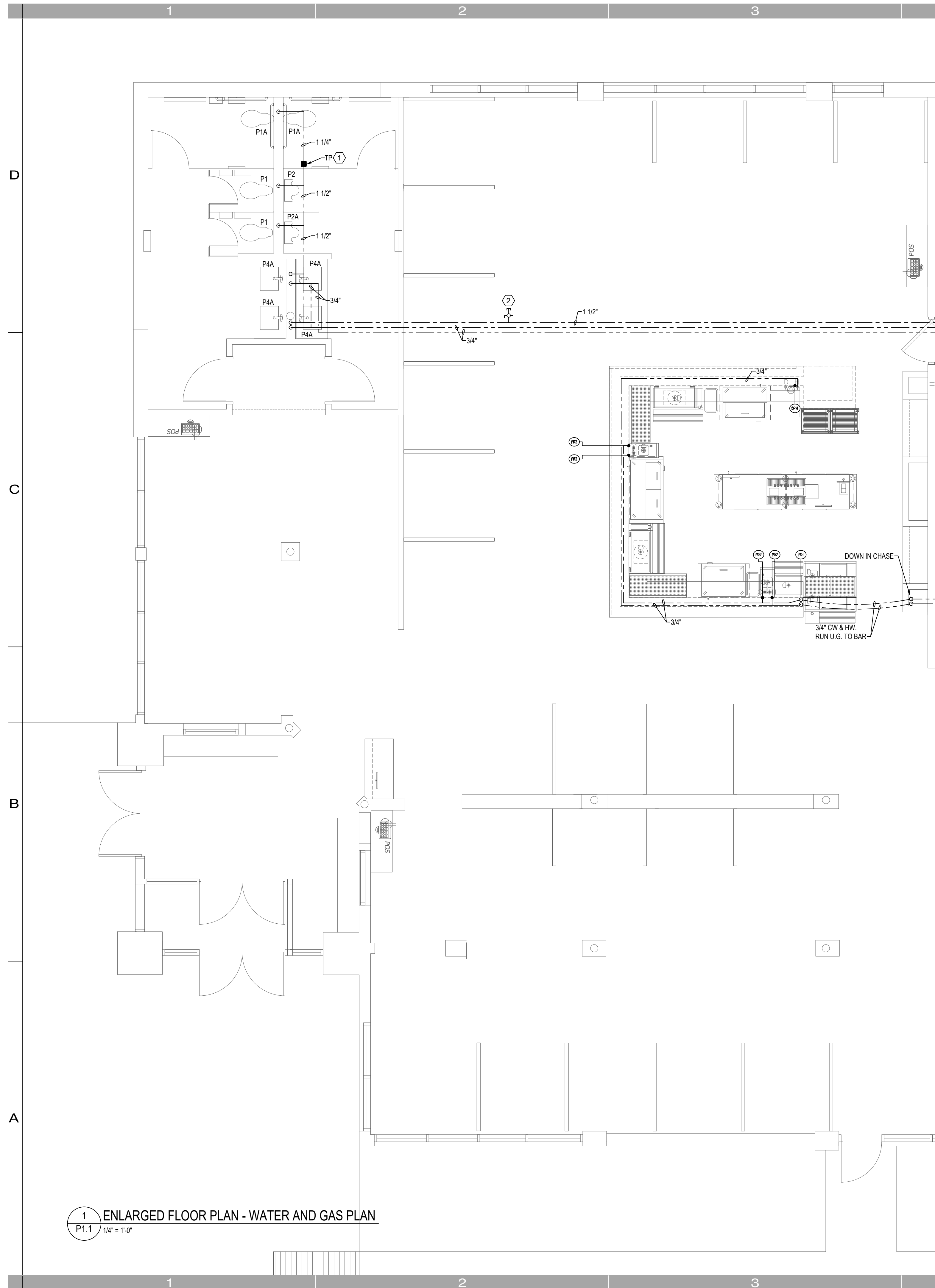
SMOKEY BONES
UTICA, MI



COPYRIGHT
THESE DOCUMENTS ARE PROTECTED BY UNITED STATES COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT. ALL RIGHTS ARE RESERVED TO ARCHITECTURE.



REVISIONS	PROJECT NO:
NO. DATE	IA 2119
	SHEET
	P1.0

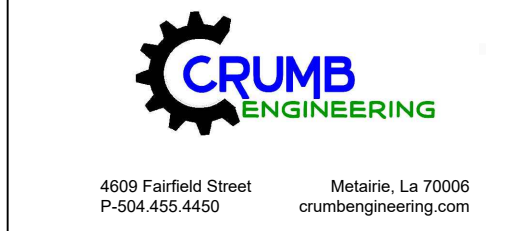


- K1 P.C. TO INSTALL K.E.C. FURNISHED MECHANICAL GAS SHUT-OFF VALVE IN MAIN GAS SUPPLY LINE IN ACCESSIBLE LOCATION PRIOR TO BRANCHING GAS SERVICE TO EQUIPMENT. P.C. TO VERIFY GAS LINE SIZE PER VALVE.
- KITCHEN EQUIPMENT PLUMBING ROUGH-IN NOTES:**
- G14 3/4" NPT 100,000 BTU SERVICE @ (24" A.F.F.) P.C. TO EXTEND TO DOUBLE DECK CONVECTION OVEN MANIFOLD (ITEM #14). THRU F.F.E.C. FURNISHED QUICK DISCONNECT.
- G15 3/4" NPT 50,000 BTU SERVICE @ (24" A.F.F.) P.C. TO EXTEND TO RETHERMALIZER (ITEM #15). THRU F.F.E.C. FURNISHED QUICK DISCONNECT.
- G16 3/4" NPT 52,000 BTU SERVICE @ (24" A.F.F.) P.C. TO EXTEND TO HOT PLATE (ITEM #16). THRU F.F.E.C. FURNISHED QUICK DISCONNECT.
- G30 1-1/4" NPT MANIFOLD 525,000 BTU SERVICE @ (24" A.F.F.) P.C. TO EXTEND TO FRYER/BATTERY (ITEM #30).
- G34 3/4" NPT 136,000 BTU SERVICE @ (24" A.F.F.) P.C. TO EXTEND TO CHARBROILER (ITEM #34). THRU F.F.E.C. FURNISHED QUICK DISCONNECT.
- G35 3/4" NPT 100,000 BTU SERVICE @ (24" A.F.F.) P.C. TO EXTEND TO GRIDDLE (ITEM #36). THRU F.F.E.C. FURNISHED QUICK DISCONNECT.
- PSL 1/2" COLD WATER @ (+60" A.F.F.) FOR SODA SYSTEM. ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES ONLY. THIS ITEM IS TO BE PROVIDED AND INSTALLED BY OTHERS. VERIFY LOCATION WITH PROVIDER.
- PSLA FLOOR DRAIN FOR SODA SYSTEM. ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES ONLY. THIS ITEM IS TO BE PROVIDED AND INSTALLED BY OTHERS. VERIFY LOCATION WITH PROVIDER.
- P1 (4 LOCATIONS) 1/2" 120 DEG. HOT AND COLD WATER @ (+18" A.F.F.) P.C. TO EXTEND TO FAUCET MOUNTED ON HAND SINK (ITEM #1).
- P1A (4 LOCATIONS) 1-1/2" WASTE @ (+15" A.F.F.) P.C. TO EXTEND DRAIN FROM HAND SINK (ITEM #1) TO THIS POINT.
- P6 1/2" COLD WATER @ (+66" A.F.F.) P.C. TO EXTEND TO ICE MACHINE (ITEM #6). THRU F.F.E.C. FURNISHED WATER FILTER.
- PSA 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM ICE BIN (ITEM #6) TO THIS POINT. (SEE GENERAL NOTE 4).
- P7 1/2" HOT AND COLD WATER @ (+18" A.F.F.) P.C. TO EXTEND TO FAUCET MOUNTED ON PREP TABLE (ITEM #7).
- P7A 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO MANIFOLD DRAIN LINES FROM 2 COMPARTMENT SINK (ITEM #7) AND EXTEND TO THIS POINT. (SEE GENERAL NOTE 4).
- P11 1/2" HOT AND COLD WATER @ (+36" A.F.F.) P.C. TO EXTEND TO WALL MOUNTED FAUCET FOR MOP SINK (ITEM #11).
- P11A (STUB-UP) 3" WASTE TRAPPED BELOW FLOOR. P.C. TO EXTEND TO DRAIN IN MOP SINK.
- P15 1/2" COLD WATER @ (+12" A.F.F.) P.C. TO EXTEND TO RETHERMALIZER (ITEM #15).
- P15A 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM RETHERMALIZER (ITEM #15) TO THIS POINT. (SEE GENERAL NOTE 4).
- P42 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM HOT FOOD WELL (ITEM #42) TO THIS POINT. (SEE GENERAL NOTE 4).
- P56 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM ICE CREAM DIPPING CABINET (ITEM #56) TO THIS POINT. (SEE GENERAL NOTE 4).
- P68 1/2" COLD WATER @ (+48" A.F.F.) P.C. TO EXTEND TO SODA DISPENSER (ITEM #68). ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES THIS ITEM IS TO BE PROVIDED AND INSTALL BY OTHERS. VERIFY LOCATION WITH PROVIDER.
- P68A 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM SODA DISPENSER (ITEM #68) TO THIS POINT. ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES THIS ITEM IS TO BE PROVIDED AND INSTALL BY OTHERS. VERIFY LOCATION WITH PROVIDER. P.C. TO EXTEND DRAIN LINE FROM TROUGH DRAIN BEVERAGE TABLE (ITEM #65) TO THIS POINT. (SEE GENERAL NOTE 4).
- P67 1/2" COLD WATER @ (+48" A.F.F.) P.C. TO EXTEND TO COFFEE BREWER (ITEM #67). ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES THIS ITEM IS TO BE PROVIDED AND INSTALL BY OTHERS. VERIFY LOCATION WITH PROVIDER.
- P73 1/2" HOT AND COLD WATER @ (+12" A.F.F.) P.C. TO EXTEND TO FAUCET MOUNTED ON PREP TABLE SINK (ITEM #73).
- P73A 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO MANIFOLD (2) DRAIN LINES FROM PREP TABLE SINK (ITEM #73) AND EXTEND TO THIS POINT. (SEE GENERAL NOTE 4).
- P76 1/2" HOT AND COLD WATER @ (+18" A.F.F.) P.C. TO EXTEND TO FAUCET MOUNTED ON SOILED DISHTABLE (ITEM #76).
- P76A 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM SOILED DISHTABLE (ITEM #76) TO THIS POINT. (SEE GENERAL NOTE 4).
- P78 1/2" HOT WATER @ (+50" A.F.F.) P.C. TO EXTEND TO DISHWASHER (ITEM #20).
- P78A 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM SOILED DISHTABLE (ITEM #76). P.C. TO EXTEND DRAIN FROM DISHMACHINE (ITEM #78) TO THIS POINT. (SEE GENERAL NOTE 4).
- P80 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO MANIFOLD (3) DRAIN LINES FROM POT AND PAN SINK (ITEM #81) AND EXTEND TO THIS POINT. (SEE GENERAL NOTE 4).
- P81 1/2" HOT AND COLD WATER @ (+12" A.F.F.) P.C. TO EXTEND TO FAUCET MOUNTED ON POT AND PAN SINK (ITEM #81).
- P82 (STUB-UP) 1/2" COLD WATER. P.C. TO EXTEND TO SOAK SINK FAUCET (ITEM #82) MOUNTED ON SOILED DISHTABLE (ITEM #76).
- BAR EQUIPMENT PLUMBING ROUGH-IN NOTES:**
- SL (2 LOCATIONS) (STUB-UP) 6" PVC CHASE FOR SODA LINES. ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES THIS ITEM IS TO BE PROVIDED AND INSTALL BY OTHERS. VERIFY LOCATION WITH PROVIDER.
- BL (STUB-UP) 6" PVC CHASE FOR BEER LINES. ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES THIS ITEM IS TO BE PROVIDED AND INSTALL BY OTHERS. VERIFY LOCATION WITH PROVIDER.
- PB1 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM PASS-THRU COCKTAIL STATION (ITEM #81) AND UNDERBAR ICE BIN (ITEM #84) TO THIS POINT. (SEE GENERAL NOTE 4).
- PB2 (2 LOCATIONS) 1/2" 120 DEG. HOT AND COLD WATER @ (+12" A.F.F.) P.C. TO EXTEND TO UNDERBAR HAND SINK (ITEM #2).
- PB2A (2 LOCATIONS) 1-1/2" WASTE @ (+10" A.F.F.) P.C. TO EXTEND TO UNDERBAR HAND SINK (ITEM #2).
- PB7 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM UNDERBAR ICE BIN (ITEM #87) AND DRAIN BOARD (ITEM #812) TO THIS POINT. (SEE GENERAL NOTE 4).
- PB9 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM UNDERBAR ICE BIN (ITEM #89) AND DRAIN BOARD (ITEM #810) TO THIS POINT. (SEE GENERAL NOTE 4).
- PB13 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM BEER TROUGH MOUNTED ON BACK BAR COOLER (ITEM #813) TO THIS POINT. (SEE GENERAL NOTE 4).
- PB14 1/2" HOT WATER @ (+15" A.F.F.) P.C. TO EXTEND TO GLASS WASHER (ITEM #14). ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES ONLY. THIS ITEM IS TO BE PROVIDED AND INSTALLED BY OTHERS. VERIFY LOCATION WITH PROVIDER.
- PB14A 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM GLASS WASHER (ITEM #14) TO THIS POINT. (SEE GENERAL NOTE 4). ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES ONLY. THIS ITEM IS TO BE PROVIDED AND INSTALLED BY OTHERS. VERIFY LOCATION WITH PROVIDER.

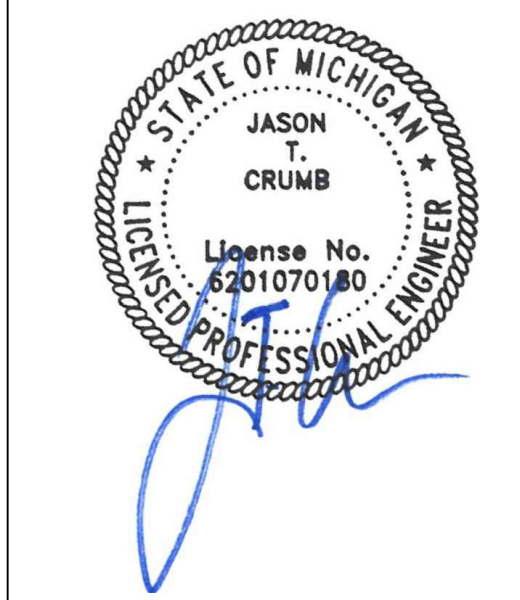
- GENERAL NOTES THIS SHEET:**
- ALL SEWER AND STORM DRAIN PIPING SHALL BE RUN BELOW SLAB UNLESS NOTED OTHERWISE. HANG FROM SLAB PER DETAIL.
 - VENT PIPING SHALL BE RUN ABOVE CEILING OR TIGHT TO STRUCTURE.
 - PROVIDE TRAP PRIMERS ON ALL FLOOR DRAINS.
 - INSULATE HORIZONTAL RUN OF ALL WASTE PIPING RECEIVING A/C CONDENSATE.
 - INSULATE ROOF DRAINS AND HORIZONTAL STORM DRAIN PIPING RUNS ABOVE GRADE.
 - ALL COLD WATER, HOT WATER AND HOT WATER RE-CIRCULATING PIPING SHALL BE RUN ABOVE CEILING OR TIGHT TO STRUCTURE. STORM DRAIN PIPING ABOVE GRADE SHALL BE RUN ABOVE CEILING OR TIGHT TO STRUCTURE.
 - ALL WATER PIPING SHALL BE 3/4" UNLESS NOTED OTHERWISE.
 - PROVIDE AIR CHAMBERS ON ALL DOMESTIC WATER BRANCH PIPING SERVING FIXTURES.
 - PROVIDE ISOLATION VALVES IN THE HOT AND COLD WATER PIPING TO ALL FIXTURE GROUPS.
 - MINIMUM VENT THRU ROOF SHALL BE 2".
 - ALL FIXTURES SHALL BE INSTALLED LEVEL AND TRUE, CENTER FIXTURES WHERE APPLICABLE, FOR INSTANCE WATER CLOSETS IN NON-ADA STALLS.
 - ALL ADA FIXTURES SHALL BE INSTALLED PER ADA GUIDELINES.
 - FLOOR DRAINS IN TOILET ROOMS SHALL BE COORDINATED AND LOCATED PER ARCHITECTURAL FLOOR PLANS.
 - FLOOR DRAINS USED FOR AIR UNITS SHALL BE LOCATED AS CLOSE TO EDGE OF UNIT AS POSSIBLE. COORDINATE LOCATION WITH SUBMITTED UNIT DIMENSIONAL DATA.
 - PLUMBING SHALL CONFORM TO THE INTERNATIONAL PLUMBING CODE.
 - ALL LAVATORIES, HANDWASH SINKS AND KITCHEN SINKS SHALL BE PROVIDED WITH A THERMOSTATIC MIXING VALVE LOCATED ABOVE THE CEILING WITH THE HW PIPED TO THE LAVATORY FIXTURE GROUP HW INLETS. FOR 1 TO 6 LAVATORIES, USE LEONARD MODEL LF-370 OR LAWLER MODEL 570 WITH 3/4" FITTINGS. 3-COMPARTMENT SINK AND DISHWASHER DO NOT NEED MIXING VALVES.
 - PLUMBING DRAWINGS ARE SCHEMATIC IN NATURE. COORDINATE PIPE ROUTING WITH STRUCTURE AND UNDERGROUND SUPPORTS. ADJUST LOCATION AS REQUIRED.
 - REFER TO KITCHEN EQUIPMENT PLAN FOR KITCHEN EQUIPMENT GENERAL NOTES.
 - SEE SHEETS P3.0 - P3.2 FOR PLUMBING DETAILS.

- SPECIFIC NOTES THIS SHEET:**
- TRAP PRIMER ABOVE CEILING. RUN 1/2" TRAP PRIMER LINE DOWN WALL UNDERGROUND TO FLOOR DRAINS.
 - RUN 3/4" CW LINE TO EXISTING HOSE BIBBS. VERIFY ON SITE.

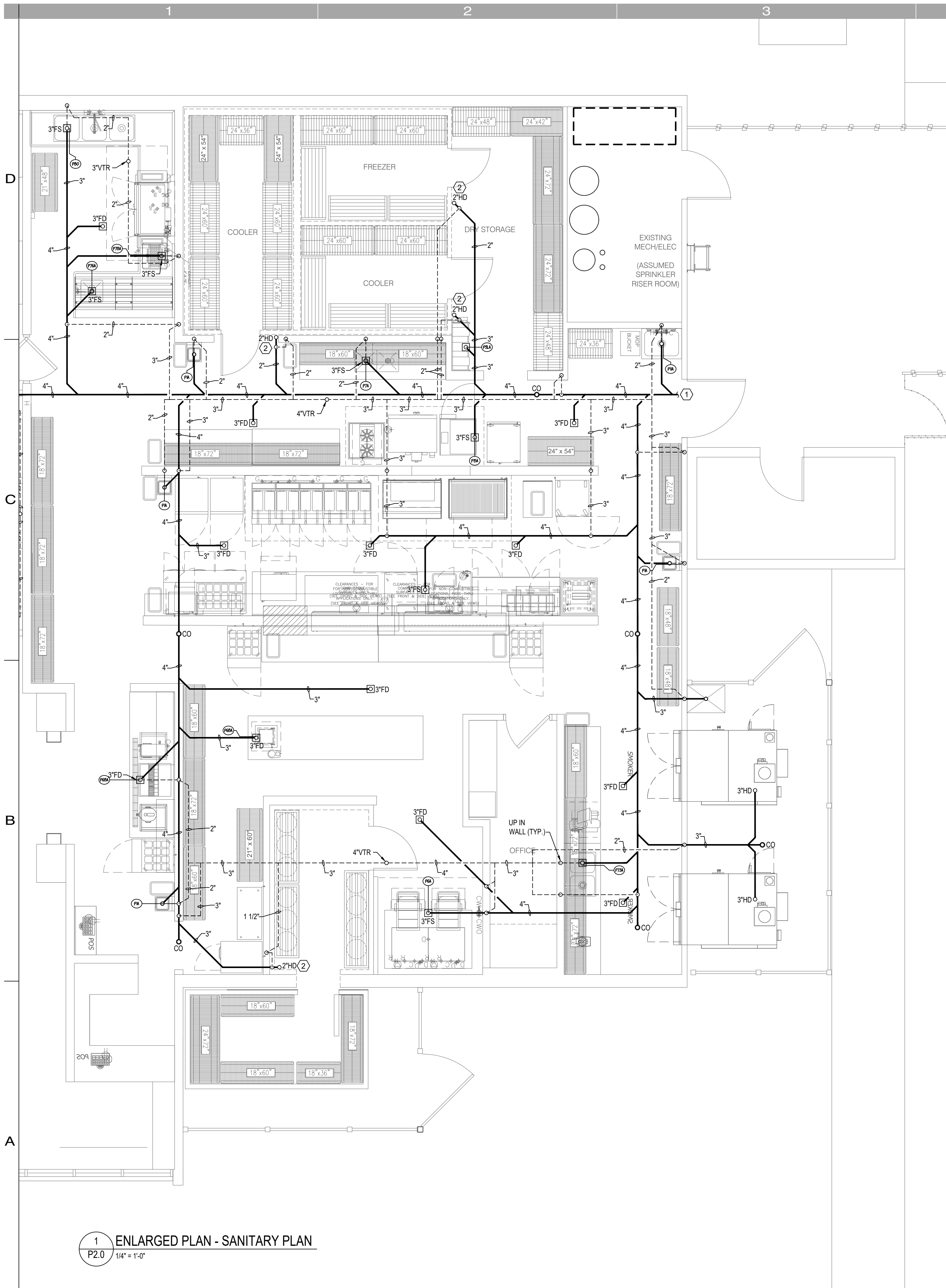
1 ENLARGED FLOOR PLAN - WATER AND GAS PLAN
P1.1 1/4" = 1'-0"



COPYRIGHT
THESE DOCUMENTS ARE PROTECTED BY UNITED STATES COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION WITHOUT THE EXPRESS WRITTEN APPROVAL AND PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT. ALL RIGHTS ARE RESERVED TO ARCHITECTURE.



REVISIONS NO. DATE	PROJECT NO. IA 2119
	SHEET
	P1.1

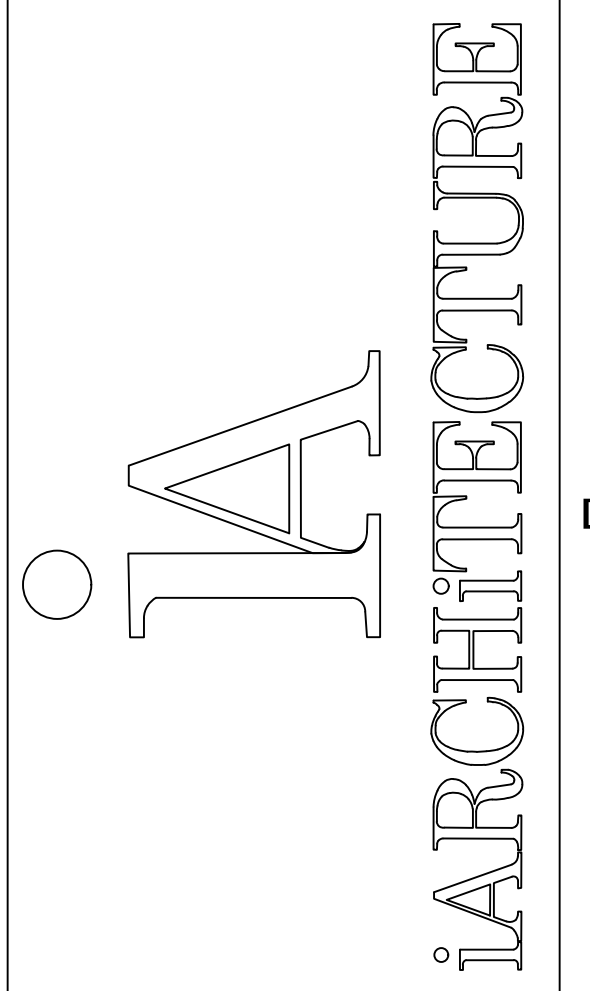


- K1 P.C. TO INSTALL K.E.C. FURNISHED MECHANICAL GAS SHUT-OFF VALVE IN MAIN GAS SUPPLY LINE IN ACCESSIBLE LOCATION PRIOR TO BRANCHING GAS SERVICE TO EQUIPMENT. P.C. TO VERIFY GAS LINE SIZE PER VALE.
- KITCHEN EQUIPMENT PLUMBING ROUGH-IN NOTES:**
- G14 3/4" NPT 100,000 BTU SERVICE @ (24" A.F.F.) P.C. TO EXTEND TO DOUBLE DECK CONVECTION OVEN MANIFOLD (ITEM #14) THRU F.F.E.C. FURNISHED QUICK DISCONNECT.
- G15 3/4" NPT 50,000 BTU SERVICE @ (24" A.F.F.) P.C. TO EXTEND TO RETHERMALIZER (ITEM #15) THRU F.F.E.C. FURNISHED QUICK DISCONNECT.
- G16 3/4" NPT 52,000 BTU SERVICE @ (24" A.F.F.) P.C. TO EXTEND TO HOT PLATE (ITEM #16) THRU F.F.E.C. FURNISHED QUICK DISCONNECT.
- G30 1-1/4" NPT MANIFOLD 525,000 BTU SERVICE @ (24" A.F.F.) P.C. TO EXTEND TO FRYER/BATTERY (ITEM #30).
- G34 3/4" NPT 136,000 BTU SERVICE @ (24" A.F.F.) P.C. TO EXTEND TO CHARBROILER (ITEM #34) THRU F.F.E.C. FURNISHED QUICK DISCONNECT.
- G35 3/4" NPT 100,000 BTU SERVICE @ (24" A.F.F.) P.C. TO EXTEND TO GRIDDLE (ITEM #36) THRU F.F.E.C. FURNISHED QUICK DISCONNECT.
- PSL 1/2" COLD WATER @ (+60" A.F.F.) FOR SODA SYSTEM. ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES ONLY. THIS ITEM IS TO BE PROVIDED AND INSTALLED BY OTHERS. VERIFY LOCATION WITH PROVIDER.
- PSLA FLOOR DRAIN FOR SODA SYSTEM. ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES ONLY. THIS ITEM IS TO BE PROVIDED AND INSTALLED BY OTHERS. VERIFY LOCATION WITH PROVIDER.
- P1 (4 LOCATIONS) 1/2" 120 DEG. HOT AND COLD WATER @ (+18" A.F.F.) P.C. TO EXTEND TO FAUCET MOUNTED ON HAND SINK (ITEM #1).
- P1A (4 LOCATIONS) 1-1/2" WASTE @ (+15" A.F.F.) P.C. TO EXTEND DRAIN FROM HAND SINK (ITEM #1) TO THIS POINT.
- P6 1/2" COLD WATER @ (+66" A.F.F.) P.C. TO EXTEND TO ICE MACHINE (ITEM #6) THRU F.F.E.C. FURNISHED WATER FILTER.
- P6A 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM ICE BIN (ITEM #6) TO THIS POINT. (SEE GENERAL NOTE 4).
- P7 1/2" HOT AND COLD WATER @ (+18" A.F.F.) P.C. TO EXTEND TO FAUCET MOUNTED ON PREP TABLE (ITEM #7).
- P7A 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO MANIFOLD DRAIN LINES FROM 2 COMPARTMENT SINK (ITEM #7) AND EXTEND TO THIS POINT. (SEE GENERAL NOTE 4).
- P11 1/2" HOT AND COLD WATER @ (+36" A.F.F.) P.C. TO EXTEND TO WALL MOUNTED FAUCET FOR MOP SINK (ITEM #11)
- P11A (STUB-UP) 3" WASTE TRAPPED BELOW FLOOR. P.C. TO EXTEND TO DRAIN IN MOP SINK.
- P15 1/2" COLD WATER @ (+12" A.F.F.) P.C. TO EXTEND TO RETHERMALIZER (ITEM #15).
- P15A 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM RETHERMALIZER (ITEM #15) TO THIS POINT. (SEE GENERAL NOTE 4).
- P42 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM HOT FOOD WELL (ITEM #42) TO THIS POINT. (SEE GENERAL NOTE 4).
- P56 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM ICE CREAM DIPPING CABINET (ITEM #56) TO THIS POINT. (SEE GENERAL NOTE 4).
- P68 1/2" COLD WATER @ (+48" A.F.F.) P.C. TO EXTEND TO SODA DISPENSER (ITEM #68). ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES THIS ITEM IS TO BE PROVIDED AND INSTALL BY OTHERS. VERIFY LOCATION WITH PROVIDER.
- P68A 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM SODA DISPENSER (ITEM #68) TO THIS POINT. ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES THIS ITEM IS TO BE PROVIDED AND INSTALL BY OTHERS. VERIFY LOCATION WITH PROVIDER. P.C. TO EXTEND DRAIN LINE FROM TROUGH DRAIN BEVERAGE TABLE (ITEM #65) TO THIS POINT. (SEE GENERAL NOTE 4).
- P67 1/2" COLD WATER @ (+48" A.F.F.) P.C. TO EXTEND TO COFFEE BREWER (ITEM #67). ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES THIS ITEM IS TO BE PROVIDED AND INSTALL BY OTHERS. VERIFY LOCATION WITH PROVIDER.
- P73 1/2" HOT AND COLD WATER @ (+12" A.F.F.) P.C. TO EXTEND TO FAUCET MOUNTED ON PREP TABLE SINK (ITEM #73)
- P73A 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO MANIFOLD (2) DRAIN LINES FROM PREP TABLE SINK (ITEM #73) AND EXTEND TO THIS POINT. (SEE GENERAL NOTE 4).
- P76 1/2" HOT AND COLD WATER @ (+18" A.F.F.) P.C. TO EXTEND TO FAUCET MOUNTED ON SOILED DISHTABLE (ITEM #76).
- P76A 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM SOILED DISHTABLE (ITEM #76) TO THIS POINT. (SEE GENERAL NOTE 4).
- P78 1/2" HOT WATER @ (+50" A.F.F.) P.C. TO EXTEND TO DISHWASHER (ITEM #20).
- P78A 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM SOILED DISHTABLE (ITEM #76) P.C. TO EXTEND DRAIN FROM DISHWASHER (ITEM #20) TO THIS POINT. (SEE GENERAL NOTE 4).
- P80 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO MANIFOLD (3) DRAIN LINES FROM POT AND PAN SINK (ITEM #81) AND EXTEND TO THIS POINT. (SEE GENERAL NOTE 4).
- P81 1/2" HOT AND COLD WATER @ (+12" A.F.F.) P.C. TO EXTEND TO FAUCET MOUNTED ON POT AND PAN SINK (ITEM #81).
- P82 (STUB-UP) 1/2" COLD WATER. P.C. TO EXTEND TO SOAK SINK FAUCET (ITEM #82) MOUNTED ON SOILED DISHTABLE (ITEM #76).
- BAR EQUIPMENT PLUMBING ROUGH-IN NOTES:**
- SL (2 LOCATIONS) (STUB-UP) 6" PVC CHASE FOR SODA LINES. ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES THIS ITEM IS TO BE PROVIDED AND INSTALL BY OTHERS. VERIFY LOCATION WITH PROVIDER.
- BL (STUB-UP) 6" PVC CHASE FOR BEER LINES. ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES THIS ITEM IS TO BE PROVIDED AND INSTALL BY OTHERS. VERIFY LOCATION WITH PROVIDER.
- PB1 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM PASS-THRU COCKTAIL STATION (ITEM #81) AND UNDERBAR ICE BIN (ITEM #84) TO THIS POINT. (SEE GENERAL NOTE 4).
- PB2 (2 LOCATIONS) 1/2" 120 DEG. HOT AND COLD WATER @ (+12" A.F.F.) P.C. TO EXTEND TO UNDERBAR HAND SINK (ITEM #2)
- PB2A (2 LOCATIONS) 1-1/2" WASTE @ (+10" A.F.F.) P.C. TO EXTEND TO UNDERBAR HAND SINK (ITEM #2)
- PB7 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM UNDERBAR ICE BIN (ITEM #87) AND DRAIN BOARD (ITEM #812) TO THIS POINT. (SEE GENERAL NOTE 4).
- PB9 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM UNDERBAR ICE BIN (ITEM #89) AND DRAIN BOARD (ITEM #810) TO THIS POINT. (SEE GENERAL NOTE 4).
- PB13 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM BEER TROUGH MOUNTED ON BACK BAR COOLER (ITEM #813) TO THIS POINT. (SEE GENERAL NOTE 4).
- PB14 1/2" HOT WATER @ (+15" A.F.F.) P.C. TO EXTEND TO GLASS WASHER (ITEM #14). ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES ONLY. THIS ITEM IS TO BE PROVIDED AND INSTALLED BY OTHERS. VERIFY LOCATION WITH PROVIDER.
- PB14A 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM GLASS WASHER (ITEM #14) TO THIS POINT. (SEE GENERAL NOTE 4). ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES ONLY. THIS ITEM IS TO BE PROVIDED AND INSTALLED BY OTHERS. VERIFY LOCATION WITH PROVIDER.

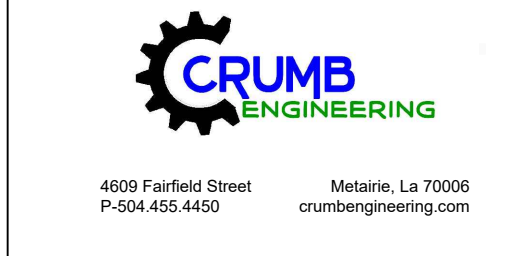
- GENERAL NOTES THIS SHEET:**
- ALL SEWER AND STORM DRAIN PIPING SHALL BE RUN BELOW SLAB UNLESS NOTED OTHERWISE. HANG FROM SLAB PER DETAIL.
 - VENT PIPING SHALL BE RUN ABOVE CEILING OR TIGHT TO STRUCTURE.
 - PROVIDE TRAP PRIMERS ON ALL FLOOR DRAINS.
 - INSULATE HORIZONTAL RUN OF ALL WASTE PIPING RECEIVING A/C CONDENSATE.
 - INSULATE ROOF DRAINS AND HORIZONTAL STORM DRAIN PIPING RUNS ABOVE GRADE.
 - ALL COLD WATER, HOT WATER AND HOT WATER RE-CIRCULATING PIPING SHALL BE RUN ABOVE CEILING OR TIGHT TO STRUCTURE. STORM DRAIN PIPING ABOVE GRADE SHALL BE RUN ABOVE CEILING OR TIGHT TO STRUCTURE.
 - ALL WATER PIPING SHALL BE 3/4" UNLESS NOTED OTHERWISE.
 - PROVIDE AIR CHAMBERS ON ALL DOMESTIC WATER BRANCH PIPING SERVING FIXTURES.
 - PROVIDE ISOLATION VALVES IN THE HOT AND COLD WATER PIPING TO ALL FIXTURE GROUPS.
 - MINIMUM VENT THRU ROOF SHALL BE 2".
 - ALL FIXTURES SHALL BE INSTALLED LEVEL AND TRUE; CENTER FIXTURES WHERE APPLICABLE, FOR INSTANCE WATER CLOSETS IN NON-ADA STALLS.
 - ALL ADA FIXTURES SHALL BE INSTALLED PER ADA GUIDELINES.
 - FLOOR DRAINS IN TOILET ROOMS SHALL BE COORDINATED AND LOCATED PER ARCHITECTURAL FLOOR PLANS.
 - FLOOR DRAINS USED FOR AIR UNITS SHALL BE LOCATED AS CLOSE TO EDGE OF UNIT AS POSSIBLE. COORDINATE LOCATION WITH SUBMITTED UNIT DIMENSIONAL DATA.
 - PLUMBING SHALL CONFORM TO THE INTERNATIONAL PLUMBING CODE.
 - ALL LAVATORIES, HANDWASH SINKS AND KITCHEN SINKS SHALL BE PROVIDED WITH A THERMOSTATIC MIXING VALVE LOCATED ABOVE THE CEILING WITH THE HW PIPED TO THE LAVATORY FIXTURE GROUP HW INLET(S). FOR 1 TO 6 LAVATORIES, USE LEONARD MODEL LF-370 OR LAWLOR MODEL 570 WITH 3/4" FITTINGS. 3-COMPARTMENT SINK AND DISHWASHER DO NOT NEED MIXING VALVES.
 - PLUMBING DRAWINGS ARE SCHEMATIC IN NATURE. COORDINATE PIPE ROUTING WITH STRUCTURE AND UNDERGROUND SUPPORTS. ADJUST LOCATION AS REQUIRED.
 - REFER TO KITCHEN EQUIPMENT PLAN FOR KITCHEN EQUIPMENT GENERAL NOTES.
 - SEE SHEETS P3.0 - P3.2 FOR PLUMBING DETAILS.

- SPECIFIC NOTES THIS SHEET:**
- CONNECT TO EXISTING GREASE WASTE. VERIFY EXACT LOCATION ON SITE.
 - RUN EXISTING COOLER/ FREEZER CONDENSATE PIPING TO HUB DRAIN. VERIFY EXACT LOCATION ON SITE.

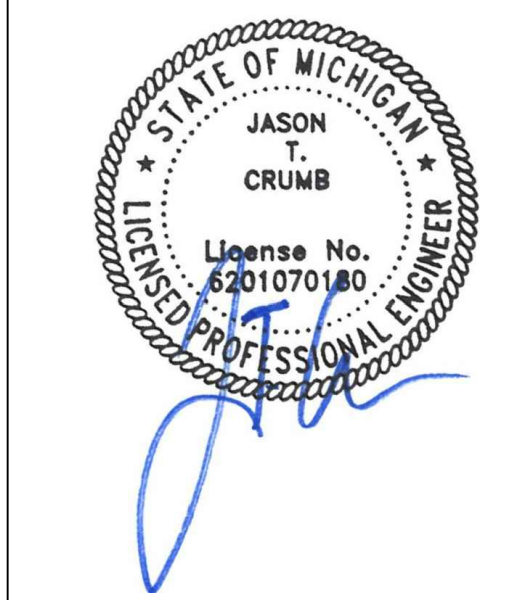
1 ENLARGED PLAN - SANITARY PLAN
P2.0 1/4" = 1'-0"



SMOKEY BONES
UTICA, MI

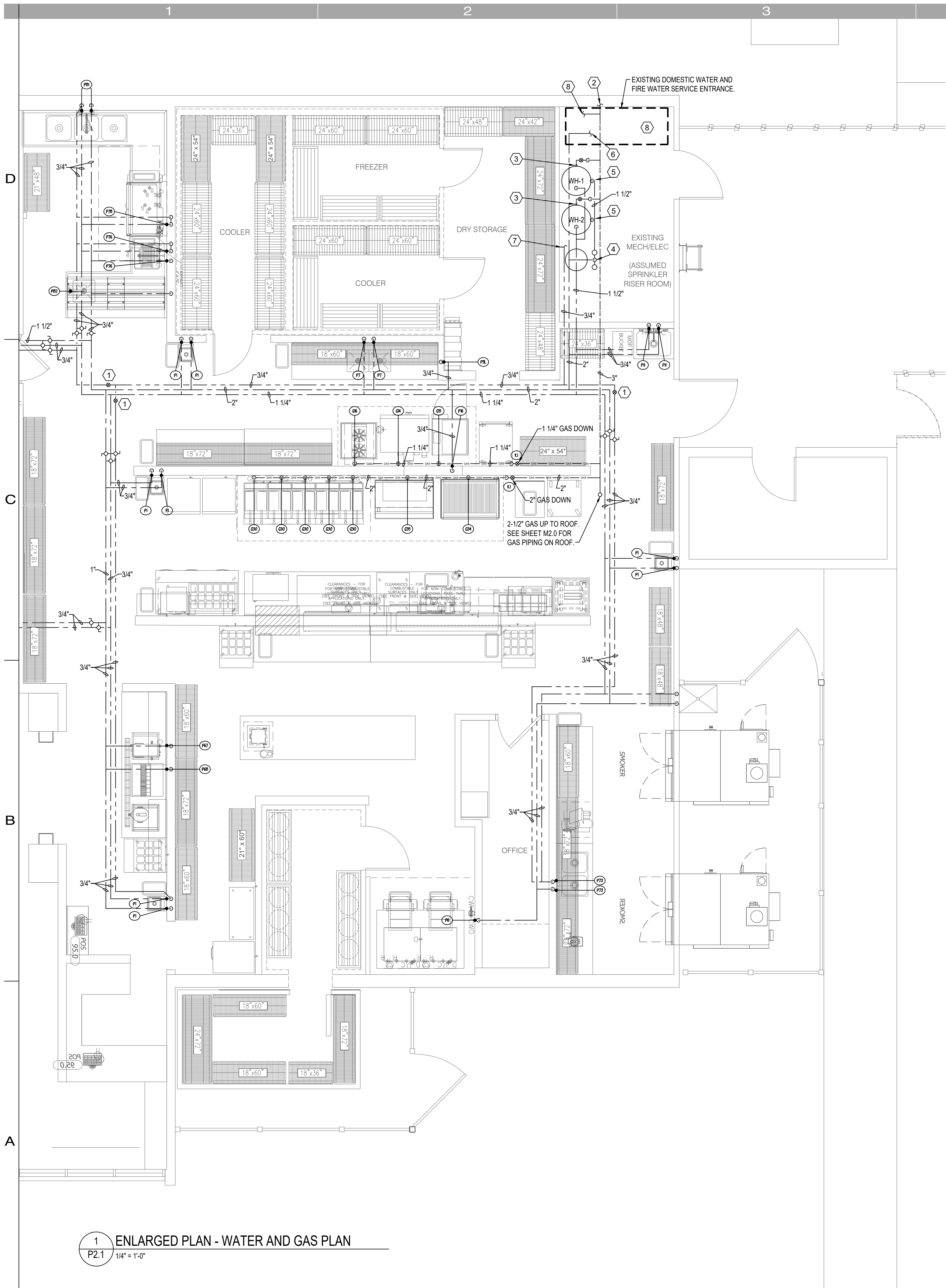


COPYRIGHT
THESE DOCUMENTS ARE PROTECTED BY UNITED STATES
COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY
FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR
USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION
WITHOUT THE EXPRESS WRITTEN APPROVAL AND
PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF
THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT.
ALL RIGHTS ARE RESERVED TO ARCHITECTURE.



REVISIONS NO. DATE	PROJECT NO. IA 2119
	SHEET
	P2.0

DATE 11/10/2021

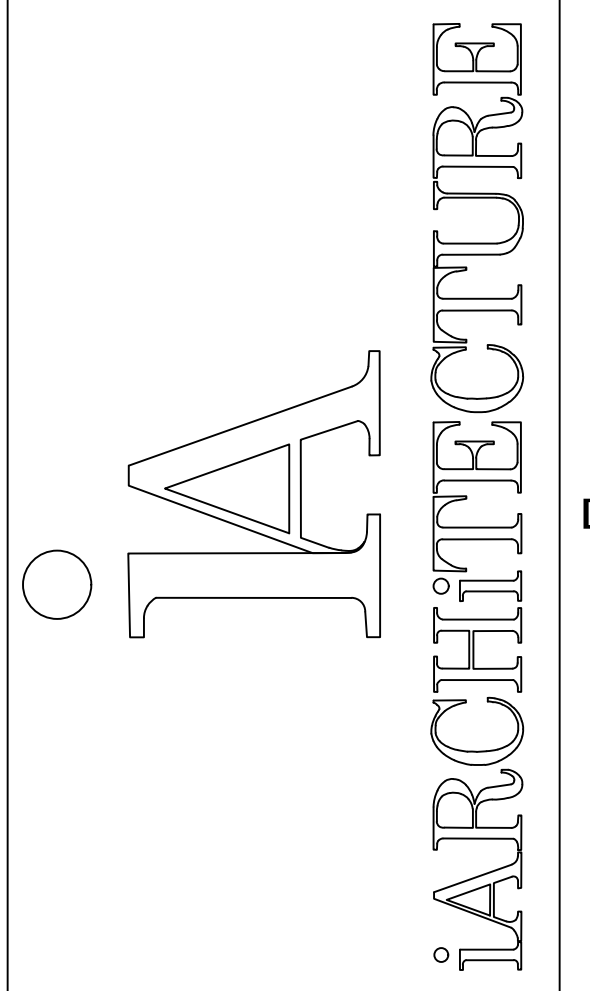


- K1 P.C. TO INSTALL K.E.C. FURNISHED MECHANICAL GAS SHUT-OFF VALVE IN MAIN GAS SUPPLY LINE IN ACCESSIBLE LOCATION PRIOR TO BRANCHING GAS SERVICE TO EQUIPMENT. P.C. TO VERIFY GAS LINE SIZE PER VALVE.
- KITCHEN EQUIPMENT PLUMBING ROUGH-IN NOTES:**
- G14 3/4" NPT 100,000 BTU SERVICE @ (24" A.F.F.) P.C. TO EXTEND TO DOUBLE DECK CONVECTION OVEN MANIFOLD (ITEM #14) THRU F.F.E.C. FURNISHED QUICK DISCONNECT.
- G15 3/4" NPT 50,000 BTU SERVICE @ (24" A.F.F.) P.C. TO EXTEND TO RETHERMALIZER (ITEM #15) THRU F.F.E.C. FURNISHED QUICK DISCONNECT.
- G16 3/4" NPT 52,000 BTU SERVICE @ (24" A.F.F.) P.C. TO EXTEND TO HOT PLATE (ITEM #16) THRU F.F.E.C. FURNISHED QUICK DISCONNECT.
- G30 1-1/4" NPT MANIFOLD 525,000 BTU SERVICE @ (24" A.F.F.) P.C. TO EXTEND TO FRYER/BATTERY (ITEM #30).
- G34 3/4" NPT 136,000 BTU SERVICE @ (24" A.F.F.) P.C. TO EXTEND TO CHARBROILER (ITEM #34) THRU F.F.E.C. FURNISHED QUICK DISCONNECT.
- G35 3/4" NPT 100,000 BTU SERVICE @ (24" A.F.F.) P.C. TO EXTEND TO GRIDDLE (ITEM #36) THRU F.F.E.C. FURNISHED QUICK DISCONNECT.
- PSL 1/2" COLD WATER @ (+80" A.F.F.) FOR SODA SYSTEM. ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES ONLY. THIS ITEM IS TO BE PROVIDED AND INSTALLED BY OTHERS. VERIFY LOCATION WITH PROVIDER.
- PSLA FLOOR DRAIN FOR SODA SYSTEM. ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES ONLY. THIS ITEM IS TO BE PROVIDED AND INSTALLED BY OTHERS. VERIFY LOCATION WITH PROVIDER.
- P1 (4 LOCATIONS) 1/2" 120 DEG. HOT AND COLD WATER @ (+18" A.F.F.) P.C. TO EXTEND TO FAUCET MOUNTED ON HAND SINK (ITEM #1).
- P1A (4 LOCATIONS) 1-1/2" WASTE @ (+15" A.F.F.) P.C. TO EXTEND DRAIN FROM HAND SINK (ITEM #1) TO THIS POINT.
- P6 1/2" COLD WATER @ (+66" A.F.F.) P.C. TO EXTEND TO ICE MACHINE (ITEM #6) THRU F.F.E.C. FURNISHED WATER FILTER.
- P6A 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM ICE BIN (ITEM #6) TO THIS POINT. (SEE GENERAL NOTE 4).
- P7 1/2" HOT AND COLD WATER @ (+18" A.F.F.) P.C. TO EXTEND TO FAUCET MOUNTED ON PREP TABLE (ITEM #7).
- P7A 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO MANIFOLD DRAIN LINES FROM 2 COMPARTMENT SINK (ITEM #7) AND EXTEND TO THIS POINT. (SEE GENERAL NOTE 4).
- P11 1/2" HOT AND COLD WATER @ (+36" A.F.F.) P.C. TO EXTEND TO WALL MOUNTED FAUCET FOR MOP SINK (ITEM #11)
- P11A (STUB-UP) 3" WASTE TRAPPED BELOW FLOOR. P.C. TO EXTEND TO DRAIN IN MOP SINK.
- P15 1/2" COLD WATER @ (+12" A.F.F.) P.C. TO EXTEND TO RETHERMALIZER (ITEM #15).
- P15A 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM RETHERMALIZER (ITEM #15) TO THIS POINT. (SEE GENERAL NOTE 4).
- P42 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM HOT FOOD WELL (ITEM #42) TO THIS POINT. (SEE GENERAL NOTE 4).
- P56 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM ICE CREAM DIPPING CABINET (ITEM #56) TO THIS POINT. (SEE GENERAL NOTE 4).
- P68 1/2" COLD WATER @ (+48" A.F.F.) P.C. TO EXTEND TO SODA DISPENSER (ITEM #68). ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES THIS ITEM IS TO BE PROVIDED AND INSTALL BY OTHERS. VERIFY LOCATION WITH PROVIDER.
- P68A 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM SODA DISPENSER (ITEM #68) TO THIS POINT. ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES THIS ITEM IS TO BE PROVIDED AND INSTALL BY OTHERS. VERIFY LOCATION WITH PROVIDER. P.C. TO EXTEND DRAIN LINE FROM TROUGH DRAIN BEVERAGE TABLE (ITEM #68) TO THIS POINT. (SEE GENERAL NOTE 4).
- P67 1/2" COLD WATER @ (+48" A.F.F.) P.C. TO EXTEND TO COFFEE BREWER (ITEM #67). ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES THIS ITEM IS TO BE PROVIDED AND INSTALL BY OTHERS. VERIFY LOCATION WITH PROVIDER.
- P73 1/2" HOT AND COLD WATER @ (+12" A.F.F.) P.C. TO EXTEND TO FAUCET MOUNTED ON PREP TABLE SINK (ITEM #73).
- P73A 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO MANIFOLD (2) DRAIN LINES FROM PREP TABLE SINK (ITEM #73) AND EXTEND TO THIS POINT. (SEE GENERAL NOTE 4).
- P76 1/2" HOT AND COLD WATER @ (+18" A.F.F.) P.C. TO EXTEND TO FAUCET MOUNTED ON SOILED DISHTABLE (ITEM #76).
- P76A 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM SOILED DISHTABLE (ITEM #76) TO THIS POINT. (SEE GENERAL NOTE 4).
- P78 1/2" HOT WATER @ (+50" A.F.F.) P.C. TO EXTEND TO DISHWASHER (ITEM #20).
- P78A 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM SOILED DISHTABLE (ITEM #76) P.C. TO EXTEND DRAIN FROM DISHMACHINE (ITEM #78) TO THIS POINT. (SEE GENERAL NOTE 4).
- P80 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO MANIFOLD (3) DRAIN LINES FROM POT AND PAN SINK (ITEM #81) AND EXTEND TO THIS POINT. (SEE GENERAL NOTE 4).
- P81 1/2" HOT AND COLD WATER @ (+12" A.F.F.) P.C. TO EXTEND TO FAUCET MOUNTED ON POT AND PAN SINK (ITEM #81).
- P82 (STUB-UP) 1/2" COLD WATER. P.C. TO EXTEND TO SOAK SINK FAUCET (ITEM #82) MOUNTED ON SOILED DISHTABLE (ITEM #76).
- BAR EQUIPMENT PLUMBING ROUGH-IN NOTES:**
- SL (2 LOCATIONS) (STUB-UP) 6" PVC CHASE FOR SODA LINES. ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES THIS ITEM IS TO BE PROVIDED AND INSTALL BY OTHERS. VERIFY LOCATION WITH PROVIDER.
- BL (STUB-UP) 6" PVC CHASE FOR BEER LINES. ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES THIS ITEM IS TO BE PROVIDED AND INSTALL BY OTHERS. VERIFY LOCATION WITH PROVIDER.
- PB1 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM PASS-THRU COCKTAIL STATION (ITEM #81) AND UNDERBAR ICE BIN (ITEM #84) TO THIS POINT. (SEE GENERAL NOTE 4).
- PB2 (2 LOCATIONS) 1/2" 120 DEG. HOT AND COLD WATER @ (+12" A.F.F.) P.C. TO EXTEND TO UNDERBAR HAND SINK (ITEM #2)
- PB2A (2 LOCATIONS) 1-1/2" WASTE @ (+10" A.F.F.) P.C. TO EXTEND TO UNDERBAR HAND SINK (ITEM #2)
- PB7 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM UNDERBAR ICE BIN (ITEM #87) AND DRAIN BOARD (ITEM #812) TO THIS POINT. (SEE GENERAL NOTE 4).
- PB9 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM UNDERBAR ICE BIN (ITEM #89) AND DRAIN BOARD (ITEM #810) TO THIS POINT. (SEE GENERAL NOTE 4).
- PB13 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM BEER TROUGH MOUNTED ON BACK BAR COOLER (ITEM #813) TO THIS POINT. (SEE GENERAL NOTE 4).
- PB14 1/2" HOT WATER @ (+15" A.F.F.) P.C. TO EXTEND TO GLASS WASHER (ITEM #14). ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES ONLY. THIS ITEM IS TO BE PROVIDED AND INSTALLED BY OTHERS. VERIFY LOCATION WITH PROVIDER.
- PB14A 12" X 12" X 8" DEEP FLOOR SINK WITH HALF GRATE. P.C. TO EXTEND DRAIN LINE FROM GLASS WASHER (ITEM #14) TO THIS POINT. (SEE GENERAL NOTE 4). ROUGH-IN SHOWN ARE FOR COORDINATION PURPOSES ONLY. THIS ITEM IS TO BE PROVIDED AND INSTALLED BY OTHERS. VERIFY LOCATION WITH PROVIDER.

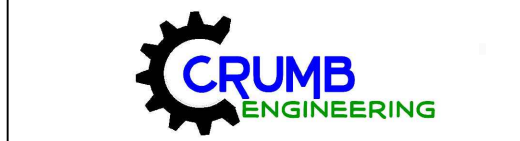
- GENERAL NOTES THIS SHEET:**
- ALL SEWER AND STORM DRAIN PIPING SHALL BE RUN BELOW SLAB UNLESS NOTED OTHERWISE. HANG FROM SLAB PER DETAIL.
 - VENT PIPING SHALL BE RUN ABOVE CEILING OR TIGHT TO STRUCTURE.
 - PROVIDE TRAP PRIMERS ON ALL FLOOR DRAINS.
 - INSULATE HORIZONTAL RUN OF ALL WASTE PIPING RECEIVING A/C CONDENSATE.
 - INSULATE ROOF DRAINS AND HORIZONTAL STORM DRAIN PIPING RUNS ABOVE GRADE.
 - ALL COLD WATER, HOT WATER AND HOT WATER RE-CIRCULATING PIPING SHALL BE RUN ABOVE CEILING OR TIGHT TO STRUCTURE. STORM DRAIN PIPING ABOVE GRADE SHALL BE RUN ABOVE CEILING OR TIGHT TO STRUCTURE.
 - ALL WATER PIPING SHALL BE 3/4" UNLESS NOTED OTHERWISE.
 - PROVIDE AIR CHAMBERS ON ALL DOMESTIC WATER BRANCH PIPING SERVING FIXTURES.
 - PROVIDE ISOLATION VALVES IN THE HOT AND COLD WATER PIPING TO ALL FIXTURE GROUPS.
 - MINIMUM VENT THRU ROOF SHALL BE 2".
 - ALL FIXTURES SHALL BE INSTALLED LEVEL AND TRUE. CENTER FIXTURES WHERE APPLICABLE, FOR INSTANCE WATER CLOSETS IN NON-ADA STALLS.
 - ALL ADA FIXTURES SHALL BE INSTALLED PER ADA GUIDELINES.
 - FLOOR DRAINS IN TOILET ROOMS SHALL BE COORDINATED AND LOCATED PER ARCHITECTURAL FLOOR PLANS.
 - FLOOR DRAINS USED FOR AIR UNITS SHALL BE LOCATED AS CLOSE TO EDGE OF UNIT AS POSSIBLE. COORDINATE LOCATION WITH SUBMITTED UNIT DIMENSIONAL DATA.
 - PLUMBING SHALL CONFORM TO THE INTERNATIONAL PLUMBING CODE.
 - ALL LAVATORIES, HANDWASH SINKS AND KITCHEN SINKS SHALL BE PROVIDED WITH A THERMOSTATIC MIXING VALVE LOCATED ABOVE THE CEILING WITH THE HW PIPED TO THE LAVATORY FIXTURE GROUP HW INLET(S). FOR 1 TO 6 LAVATORIES, USE LEONARD MODEL LF-370 OR LAWLER MODEL 570 WITH 3/4" FITTINGS. 3-COMPARTMENT SINK AND DISHWASHER DO NOT NEED MIXING VALVES.
 - PLUMBING DRAWINGS ARE SCHEMATIC IN NATURE. COORDINATE PIPE ROUTING WITH STRUCTURE AND UNDERGROUND SUPPORTS. ADJUST LOCATION AS REQUIRED.
 - REFER TO KITCHEN EQUIPMENT PLAN FOR KITCHEN EQUIPMENT GENERAL NOTES.
 - SEE SHEETS P3.0 - P3.2 FOR PLUMBING DETAILS.

- SPECIFIC NOTES THIS SHEET:**
- HOT WATER CIRCULATING BALANCE VALVE. SET AT 0.5 GPM.
 - CONNECT TO EXISTING GAS SERVICE. VERIFY EXACT LOCATION ON SITE.
 - 1" GAS TO WATER HEATER.
 - WATER SOFTENING SYSTEM BY KEC. RUN 1/2" CW TO SOFTENER.
 - SEE (1/P3.1) FOR WATER HEATER DETAIL.
 - CONNECT NEW WATER TO EXISTING 2" CW.
 - TO RECIRCULATING PUMP.
 - RUN 3/4" GAS TO EXISTING GAS UNIT HEATER.

1 ENLARGED PLAN - WATER AND GAS PLAN
P2.1 1/4" = 1'-0"

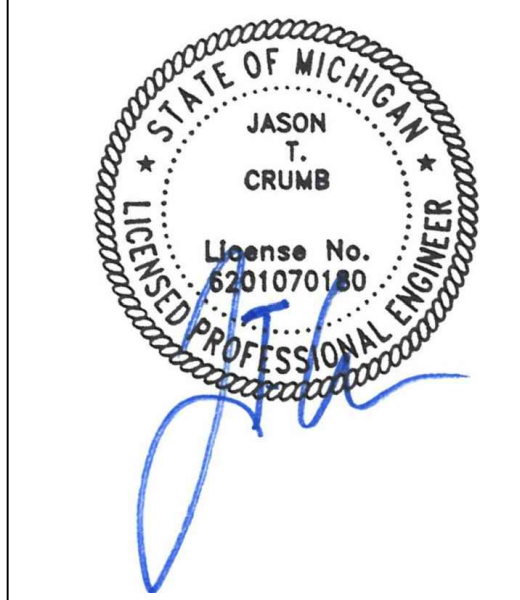


SMOKEY BONES
UTICA, MI



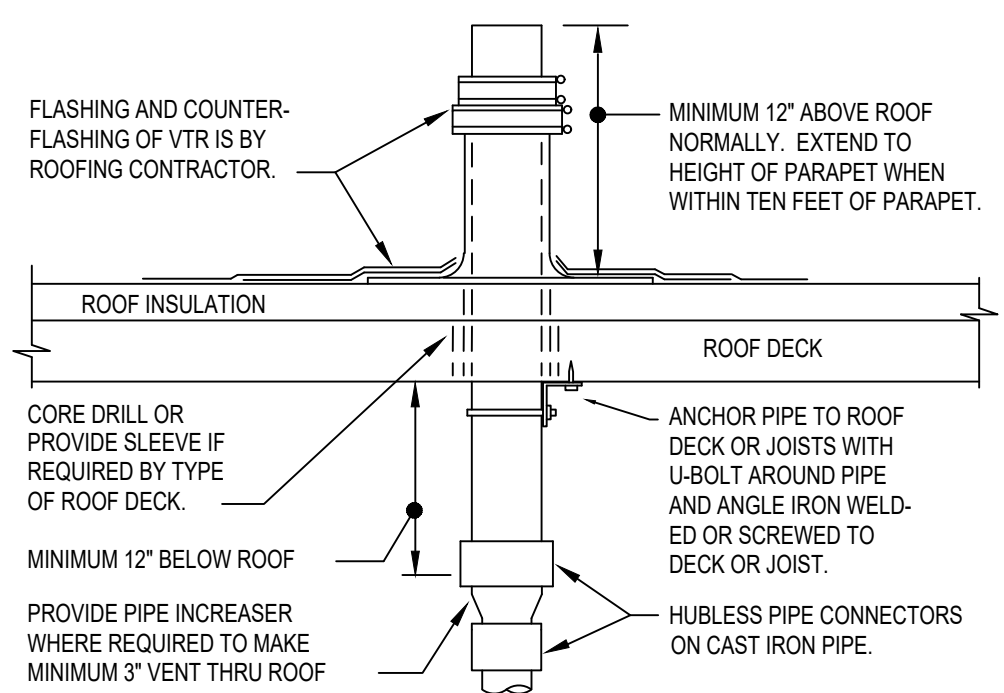
4009 Fairlaid Street
P.O. Box 455-4450
Metairie, La 70006
crumbengineering.com

COPYRIGHT
THESE DOCUMENTS ARE PROTECTED BY UNITED STATES
COPYRIGHT LAW. THEY HAVE BEEN PREPARED SPECIFICALLY
FOR THE PROJECT IDENTIFIED AND ARE NOT SUITABLE FOR
USE ON ANY OTHER PROJECT OR AT ANY OTHER LOCATION
WITHOUT THE EXPRESS WRITTEN APPROVAL AND
PARTICIPATION OF ARCHITECTURE. REPRODUCTION OF
THESE DOCUMENTS MUST BE AUTHORIZED BY THE ARCHITECT.
ALL RIGHTS ARE RESERVED TO ARCHITECTURE.



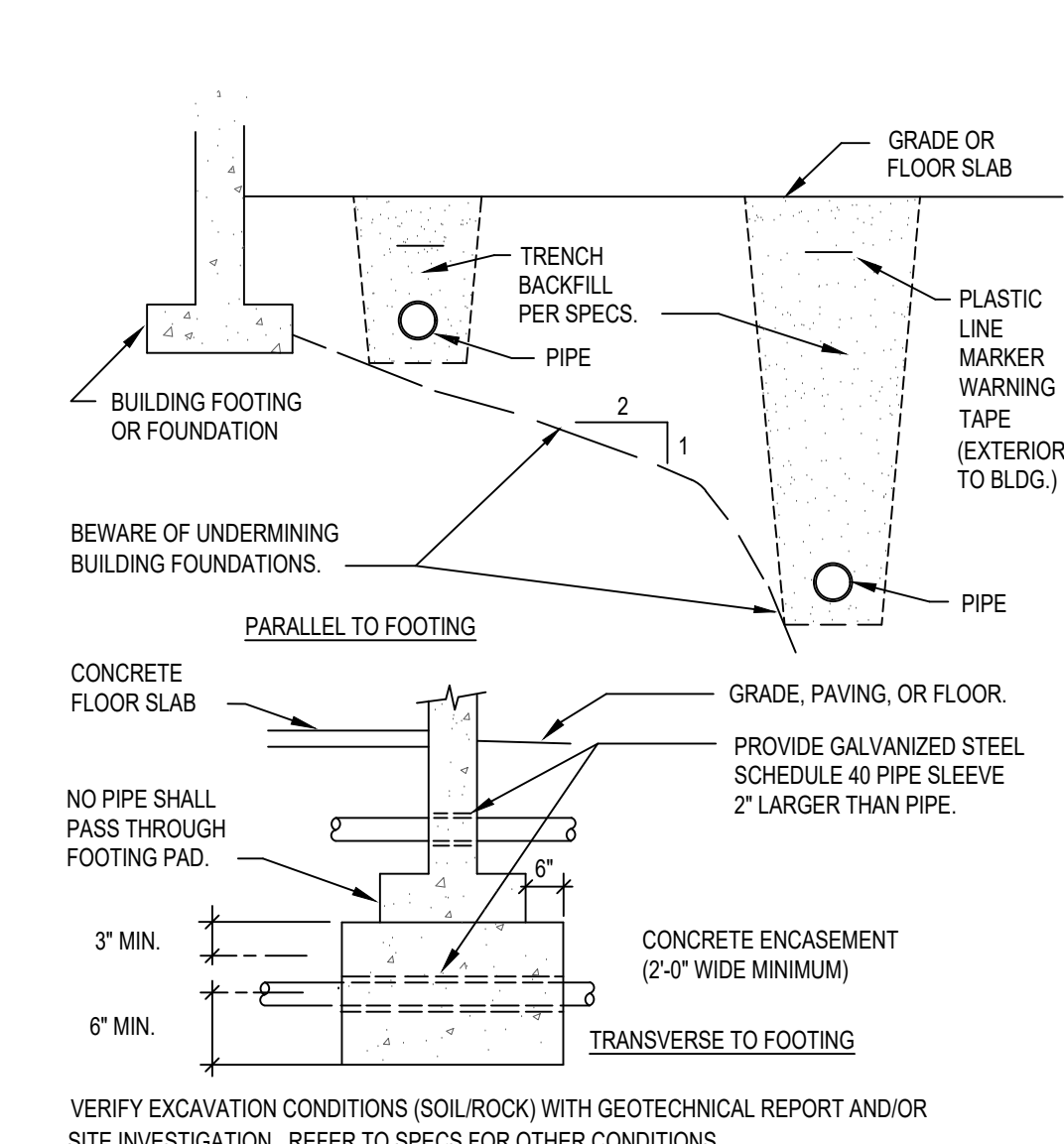
REVISIONS NO. DATE	PROJECT NO. IA 2119
	SHEET
	P2.1

DATE 11/10/2021

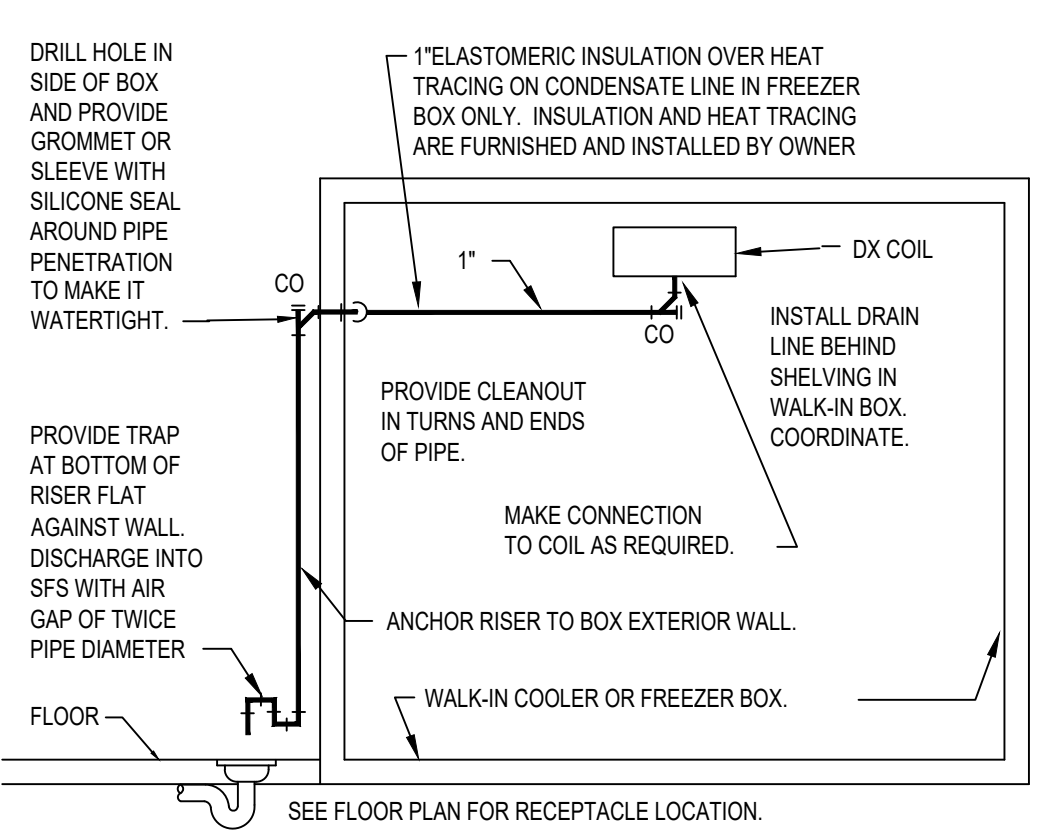


REFER TO PLANS FOR VTR PIPE SIZES AND LOCATIONS. LOCATE VTR MINIMUM THREE FEET FROM PROPERTY LINE, OR TEN FEET HORIZONTAL OR THREE FEET VERTICAL ABOVE ANY BUILDING OPENING OR FRESH AIR INTAKE, OR ONE FOOT FROM ANY VERTICAL SURFACE. LOCATE VTR MINIMUM FROM PARAPET, EXPANSION JOINT, EQUIPMENT CURB, ETC. OFFSET IN CEILING SPACE WHERE REQUIRED TO MEET THESE CONDITIONS.

2 VENT THRU ROOF (VTR)
P3.1 N.T.S.



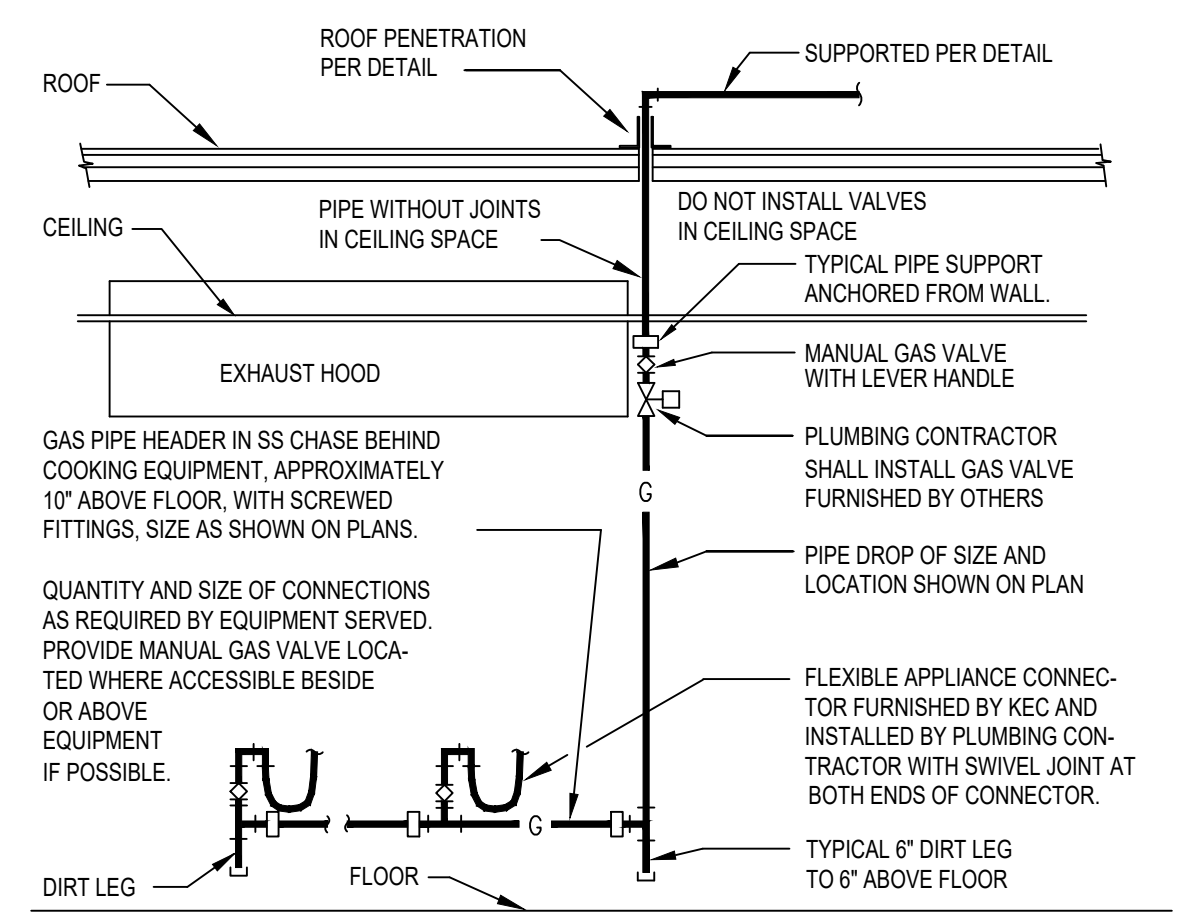
5 PIPE AND TRENCH LOCATION
P3.1 N.T.S.



INSTALL PIPE HIGH AS POSSIBLE. ANCHORED TO WALL OF BOX WITH SUPPORTS AT MAXIMUM SIX FOOT CENTERS. USE TYPE "M" HARD COPPER TUBE AND FITTINGS WITH LEAD-FREE SOLDER JOINTS. SLOPE HORIZONTAL PIPE AT MINIMUM TWO PERCENT. PROVIDE CHROMIUM PANT ON PIPE EXTERIOR TO BOX. REFER TO "INDIRECT DRAIN" DETAIL FOR OTHER REQUIREMENTS.

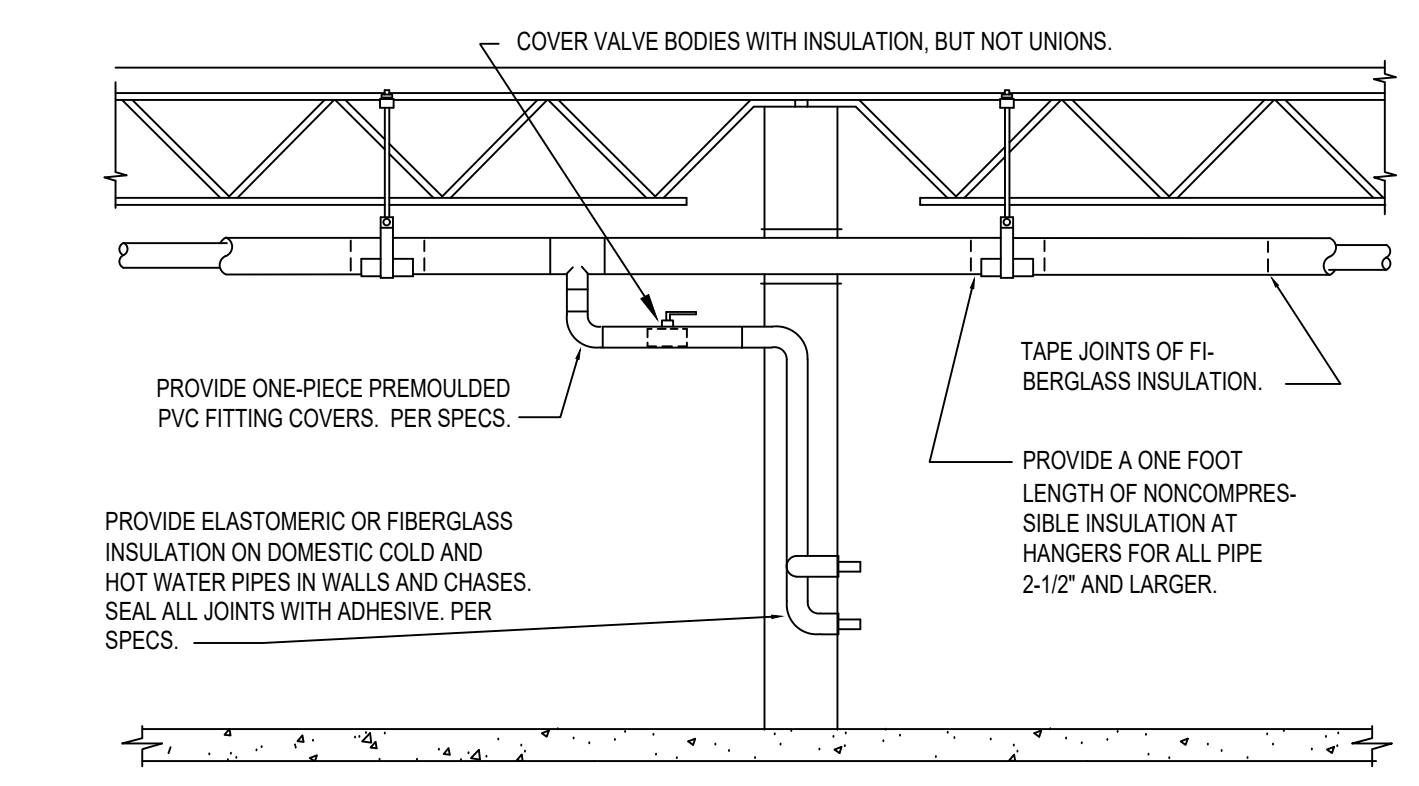
10 WALK-IN BOX CONDENSATE DRAIN
P3.1 N.T.S.

- PLUMBING SCHEDULES AND DETAILS
P3.1 NO SCALE

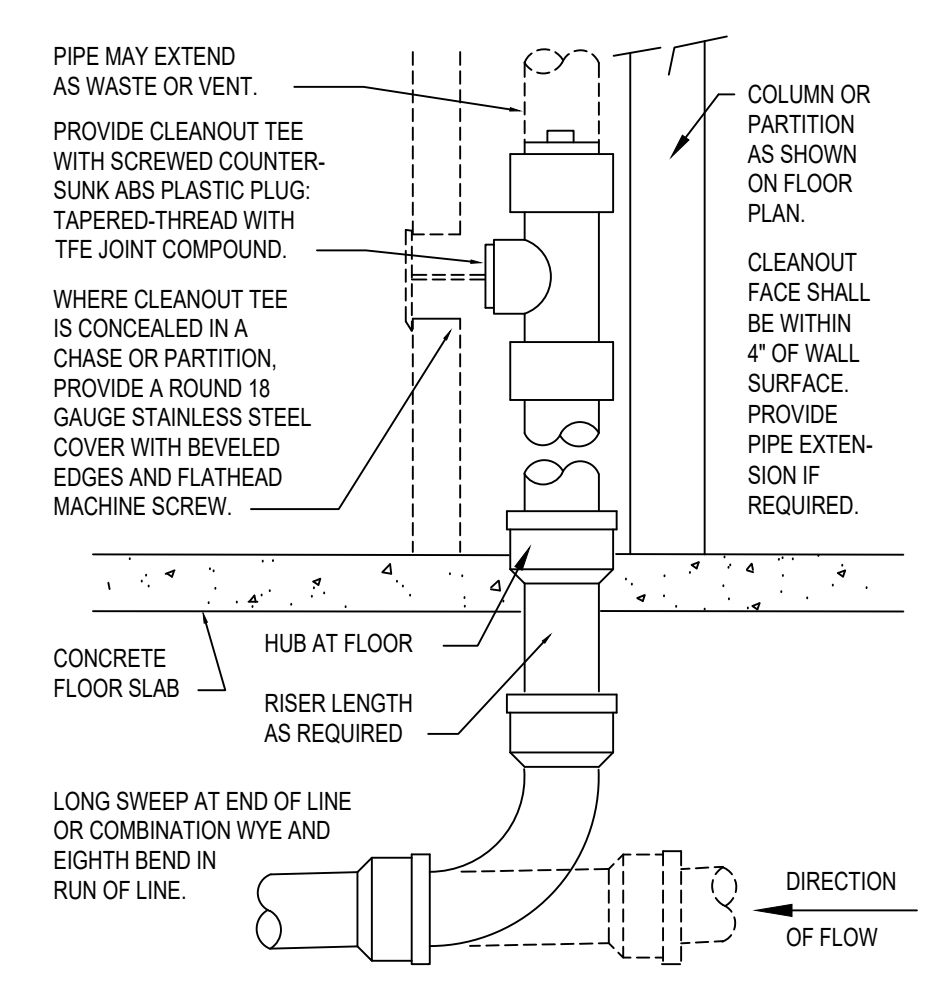


PROVIDE ANY GAS APPLIANCE PRESSURE REGULATORS REQUIRED. INSTALL ANY FURNISHED BY KITCHEN EQUIPMENT CONTRACTOR. VERIFY ROUGH-IN REQUIREMENTS WITH KITCHEN EQUIPMENT CONTRACTOR. COORDINATE WITH ELECTRICAL CONTRACTOR. ARRANGEMENT SHOWN IS SCHEMATIC. ADJUST TO SUIT ACTUAL CONDITIONS. MAKE FINAL CONNECTION TO EQUIPMENT AS RECOMMENDED BY MANUFACTURER. PROVIDE WELDED FITTINGS AND JOINTS IN ANY CONCEALED UNVENTILATED LOCATION.

6 COOKING APPLIANCE GAS PIPE
P3.1 N.T.S.

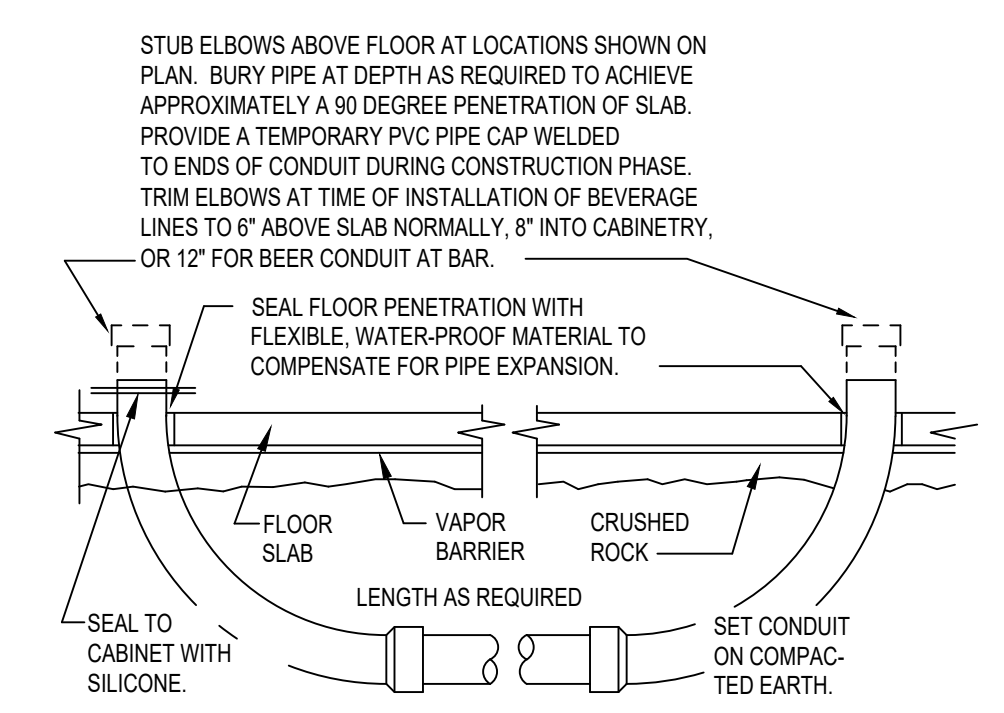


11 PIPE INSULATION
P3.1 N.T.S.



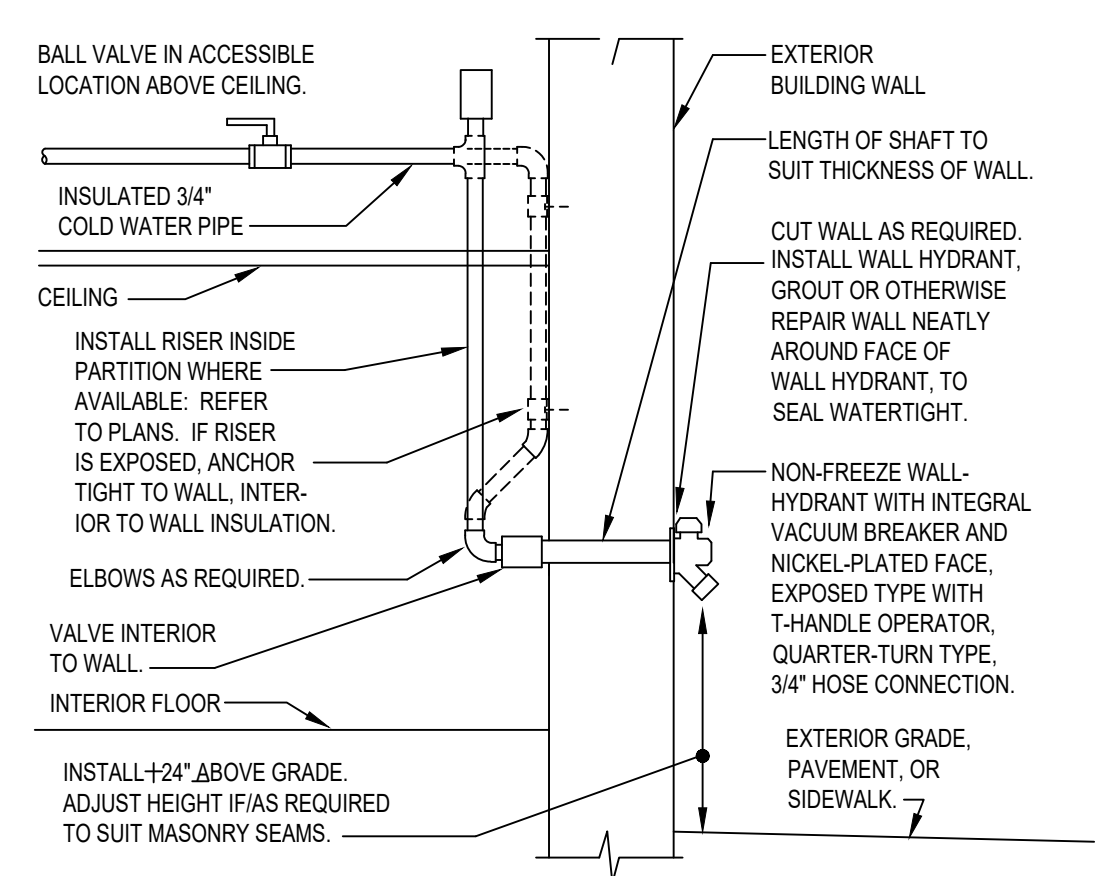
PROVIDE WCO WHERE SHOWN ON PLAN, AND ON SANITARY WASTE BRANCHES NOT SERVED WITH A FLOOR CLEANOUT. LOCATE ABOVE FUTURE FLOOR RIM WITHIN 4\"/>

7 WALL CLEANOUT
P3.1 N.T.S.

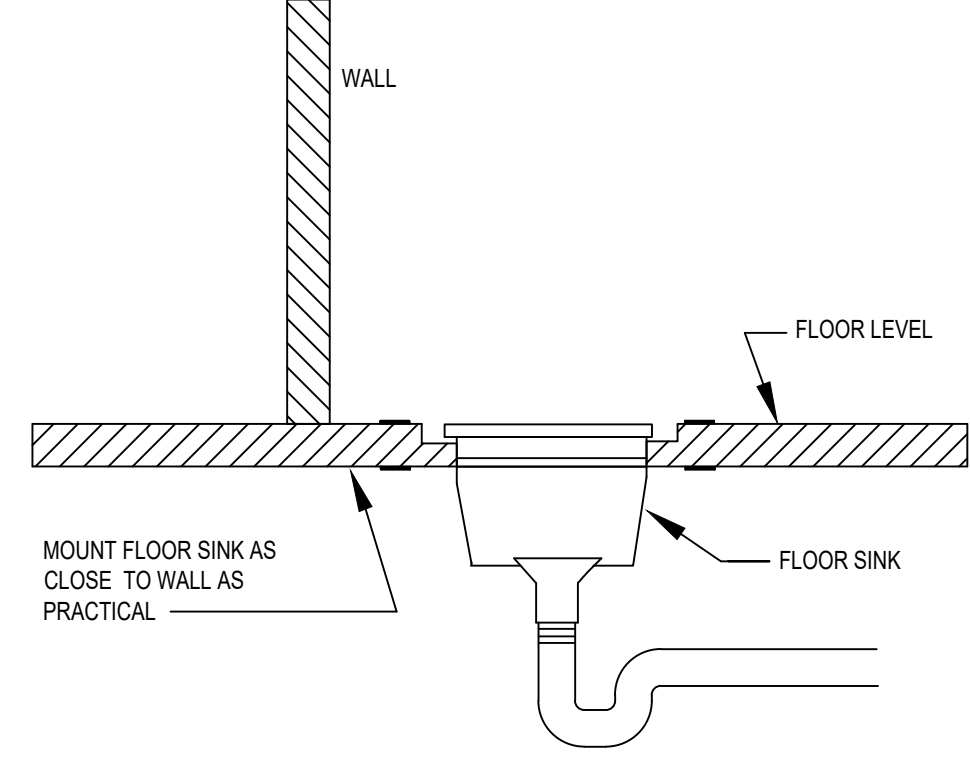


USE SIX INCH SCHEDULE 40 PVC ELECTRICAL CONDUIT AND FITTINGS WITH SOLVENT-WELDED JOINTS. USE MINIMUM QUANTITY OF FITTINGS REQUIRED. PROVIDE LONG SWEEP ELBOWS AT BOTH ENDS, WITH MINIMUM 24 INCH RADIUS (AVAILABLE AS ELECTRICAL CONDUIT - DO NOT USE MULTIPLE ELBOWS TO MAKE 90° TURNS). PROVIDE TEST OF CONDUIT AFTER ASSEMBLY TO VERIFY WATERTIGHTNESS. REPAIR LEAKS BEFORE BACKFILLING TRENCH WITH SAND. MAINTAIN PRESSURE UNTIL BEVERAGE LINES ARE INSTALLED. AVOID ELBOWS IN HORIZONTAL RUN IF AT ALL POSSIBLE. BEVERAGE SUPPLIER WILL SEAL ENDS OF CONDUIT WITH FOAM AFTER BEVERAGE LINES ARE INSTALLED IN CONDUIT.

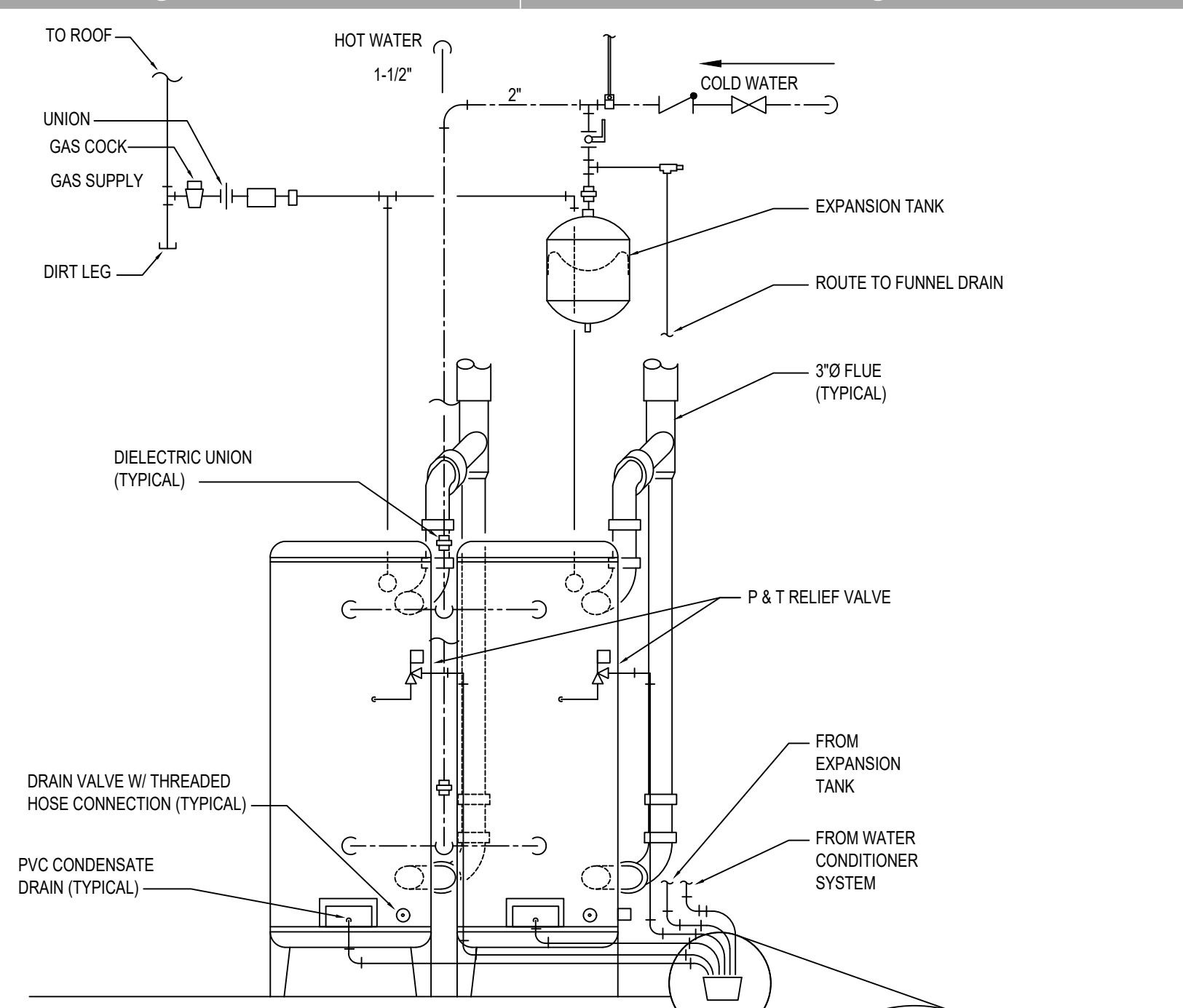
12 PVC BEVERAGE CONDUIT
P3.1 N.T.S.



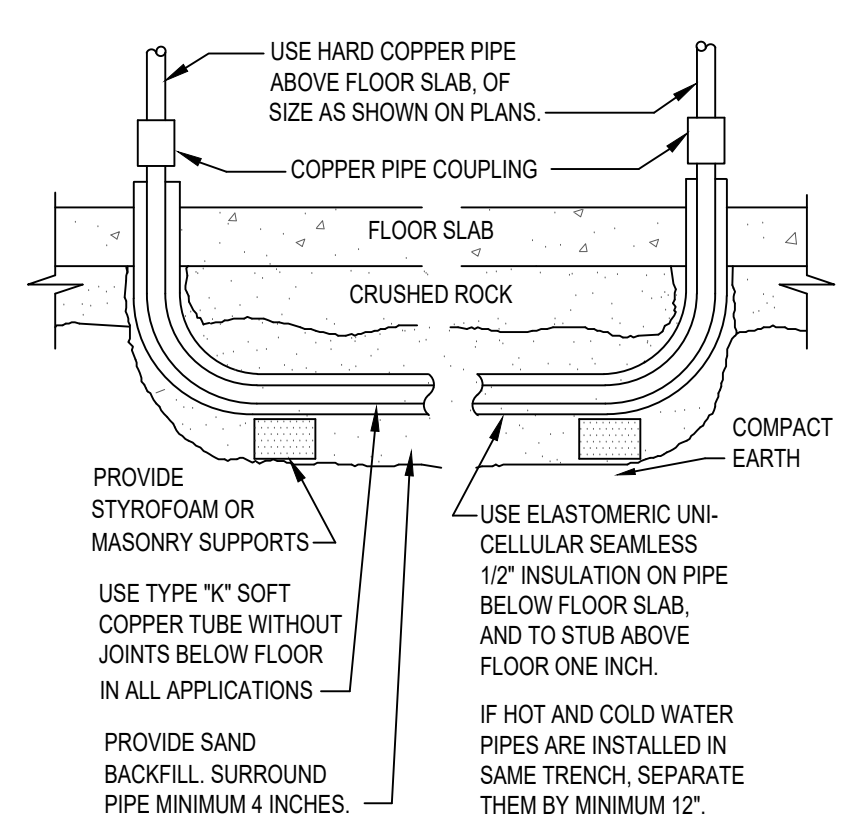
8 NON-FREEZE WALL HYDRANT
P3.1 N.T.S.



13 FLOOR SINK DETAIL
P3.1 N.T.S.

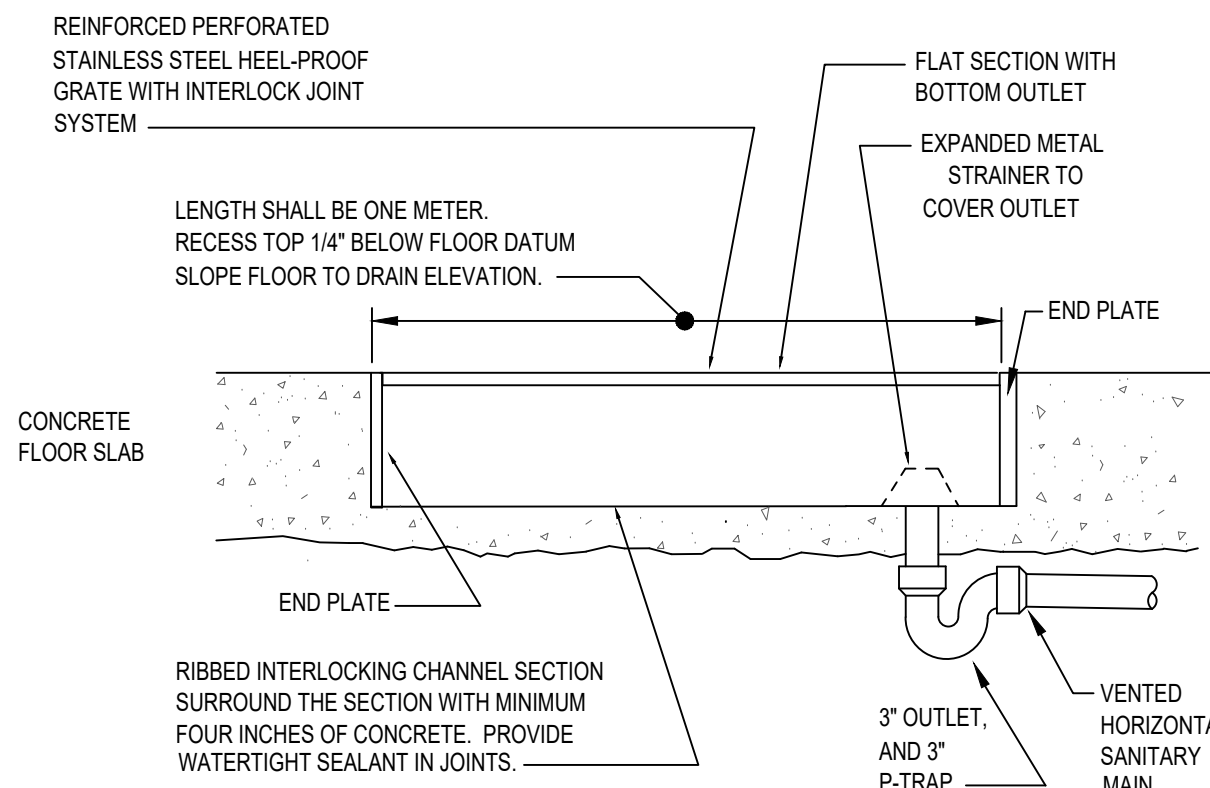


1 WATER HEATER DETAIL
P3.1 N.T.S. (WH-1 & WH-2)

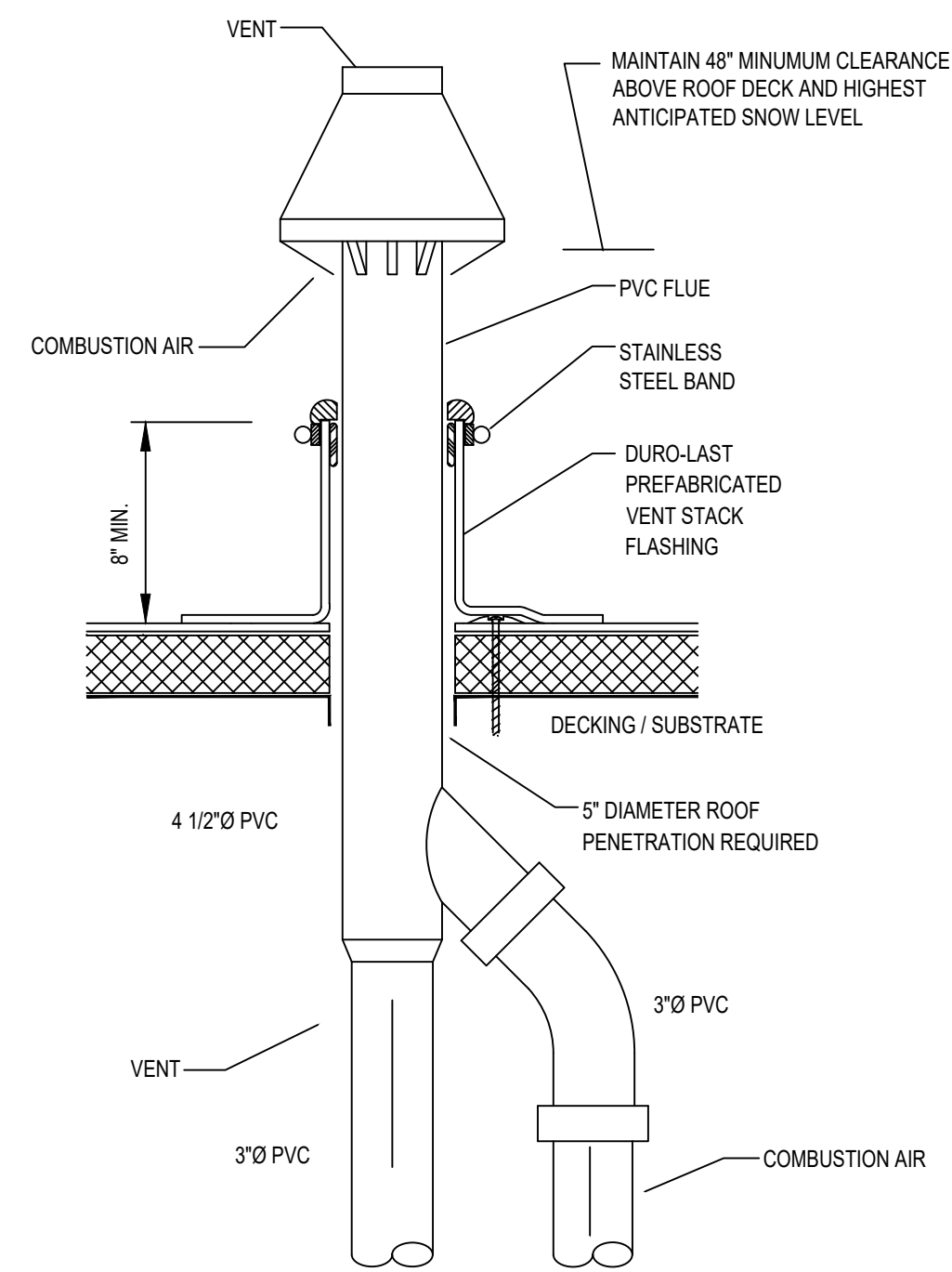


14 WATER PIPE UNDER SLAB
P3.1 N.T.S.

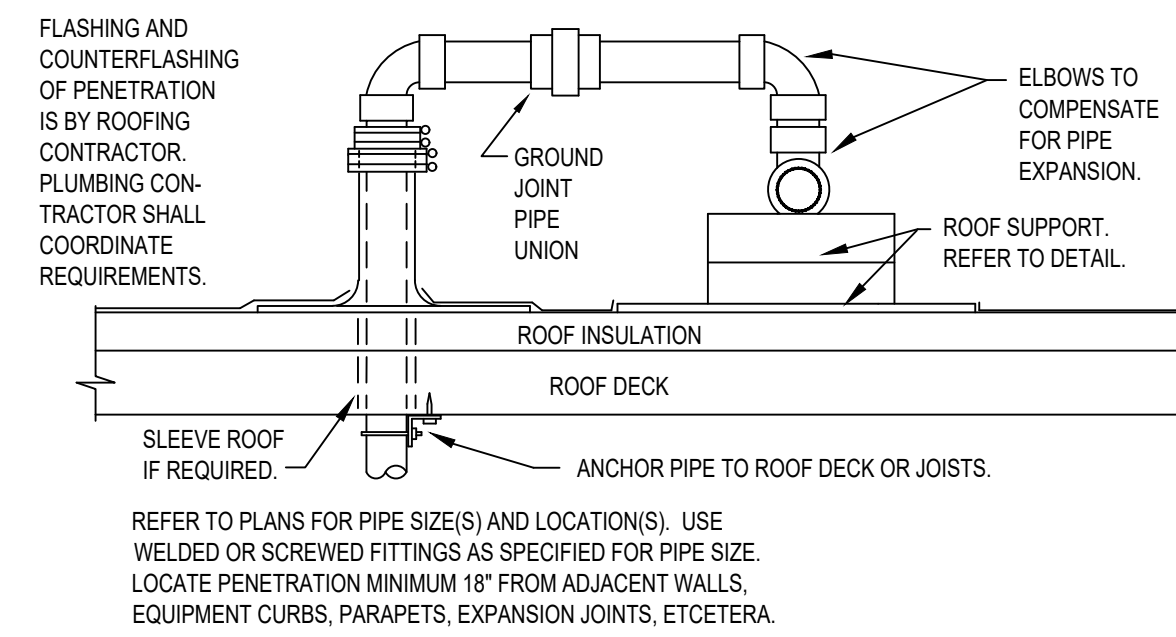
REVISIONS	PROJECT NO:
NO. DATE	IA 2119
	SHEET
	P3.1



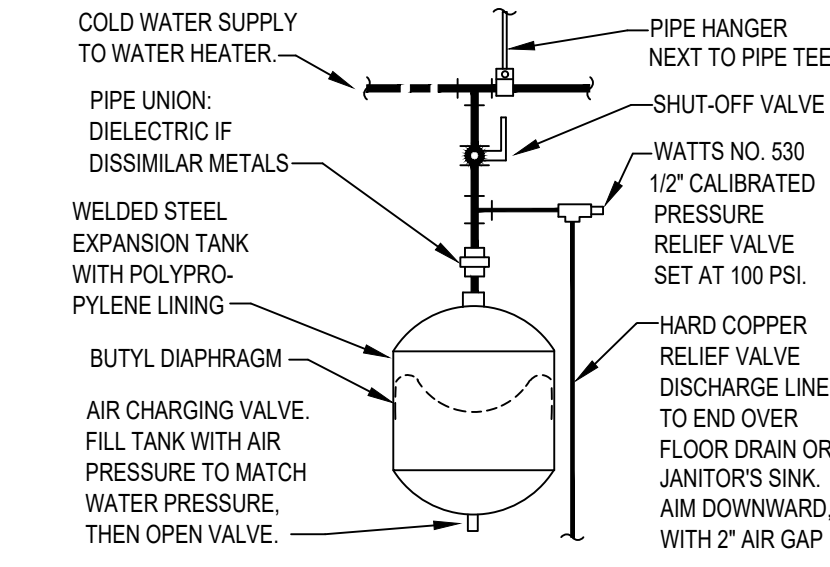
1
P3.2 INTERIOR TRENCH DRAIN
N.T.S.



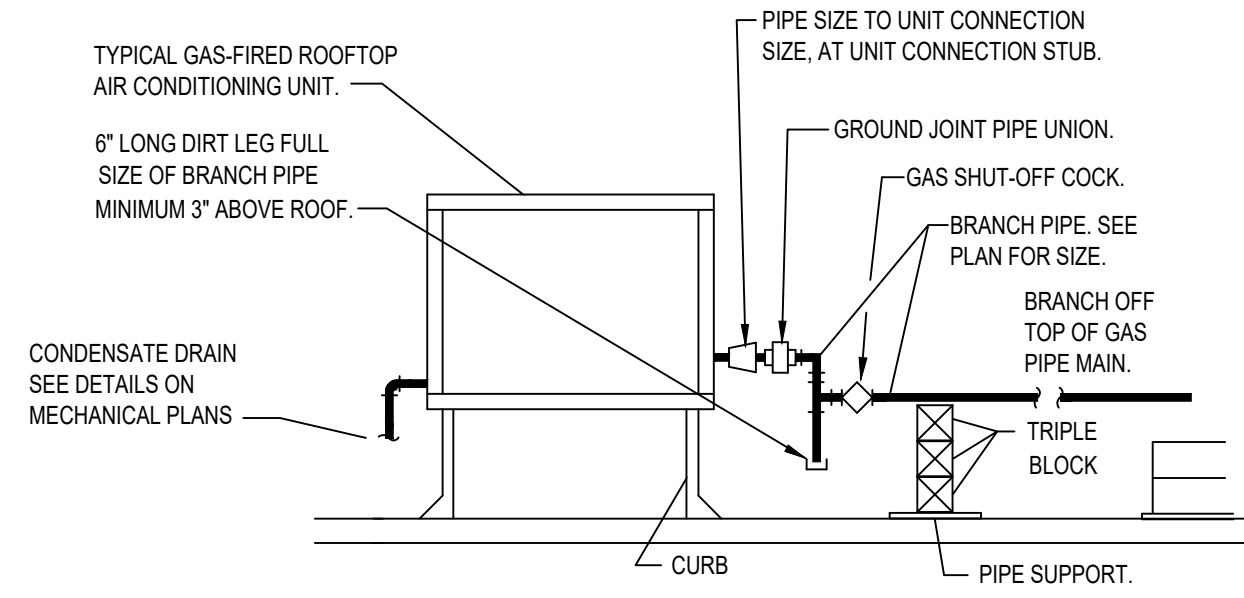
2
P3.2 WATER HEATER CONCENTRIC FLUE VENT DETAIL
N.T.S.



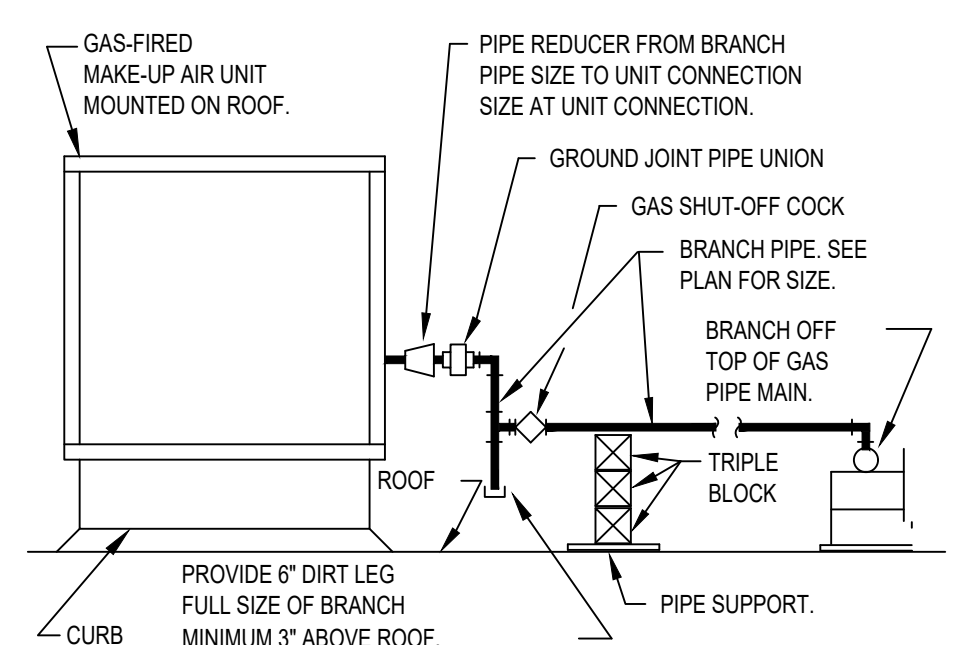
3
P3.2 GAS PIPE ROOF PENETRATION
N.T.S.



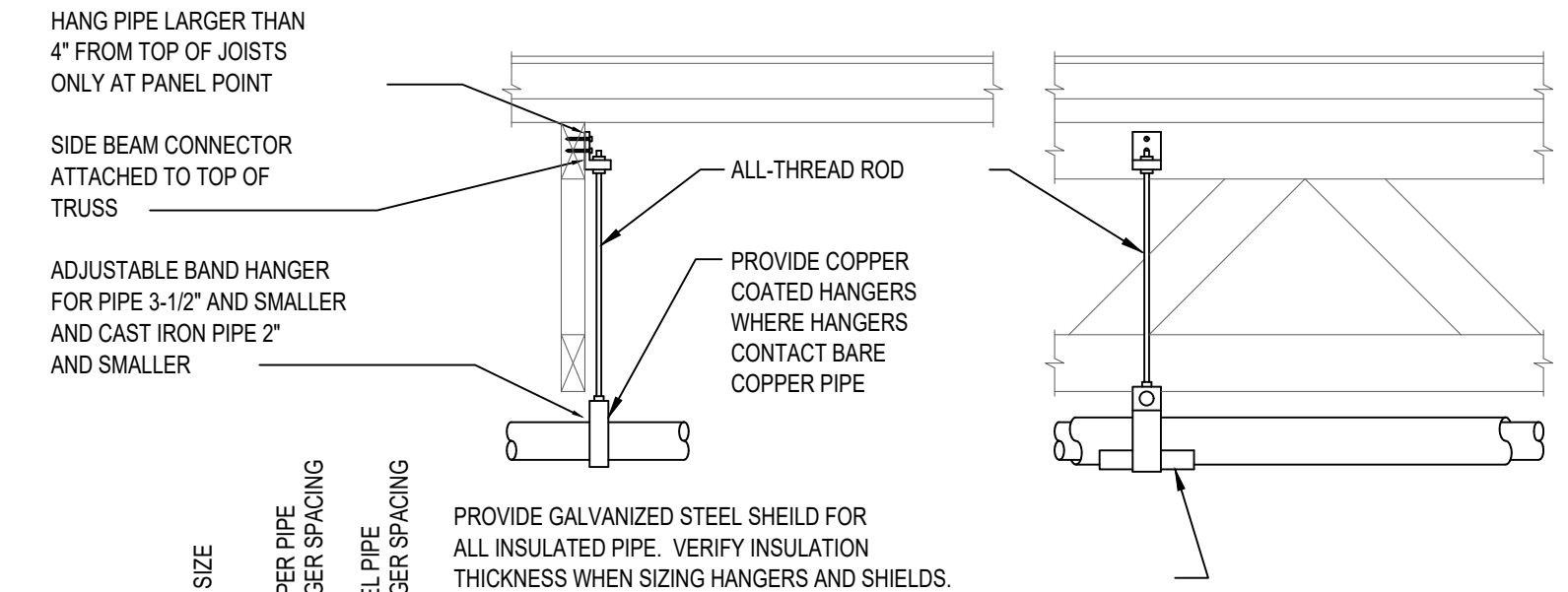
4
P3.2 EXPANSION TANK
N.T.S.



6
P3.2 GAS CONNECTION TO ROOFTOP UNITS
N.T.S.

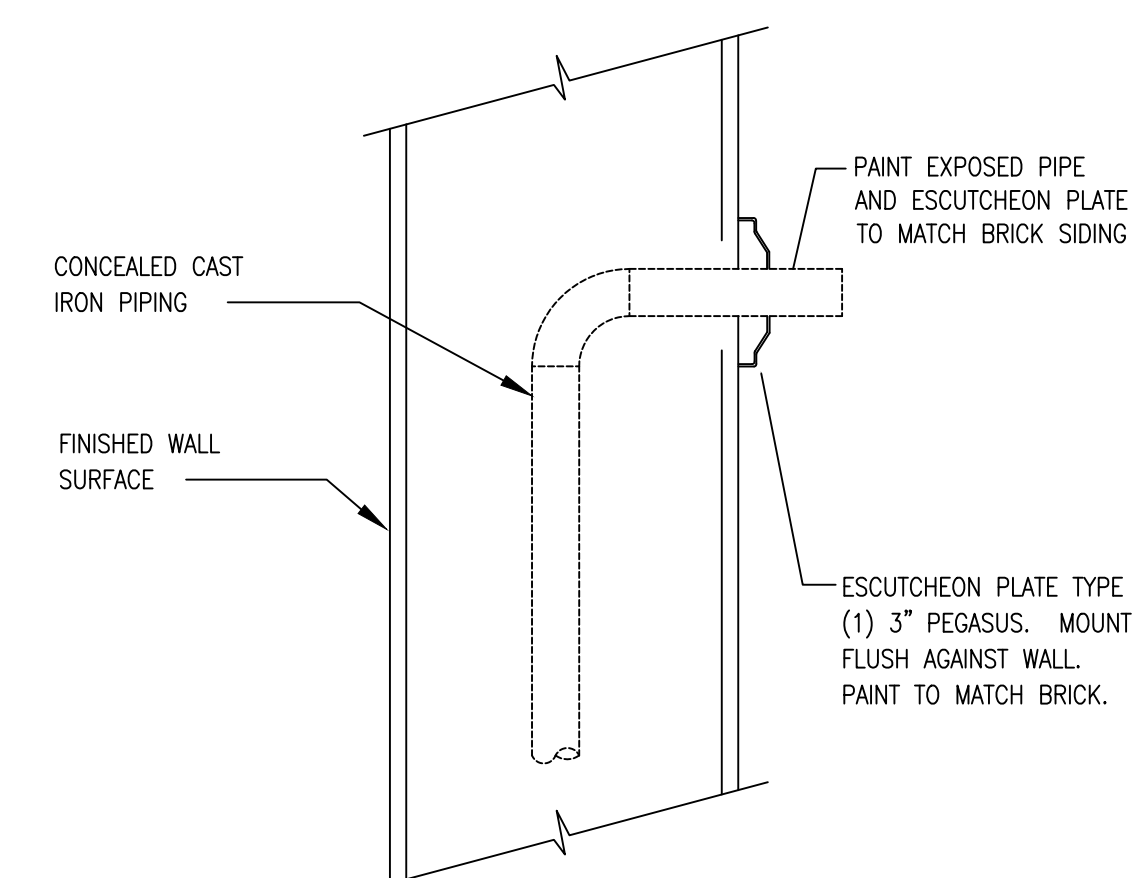


7
P3.2 GAS CONNECTION TO MAKE-UP AIR UNIT
N.T.S.

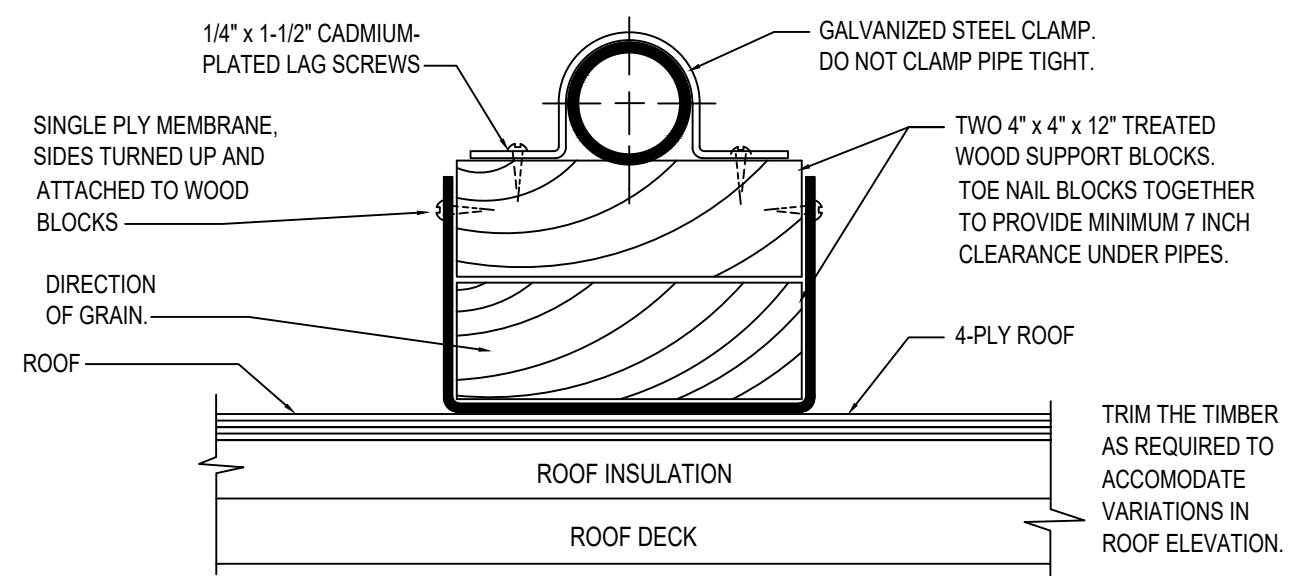


PIPE SIZE	CUBER PIPE HANGER SPACING	STEEL PIPE HANGER SPACING
1/2"	6'	6'
3/4"	6'	6'
1"	6'	8'
1-1/4"	6'	10'
1-1/2"	6'	10'
2"	10'	10'
2-1/2"	10'	10'
3"	10'	10'
4"	10'	10'

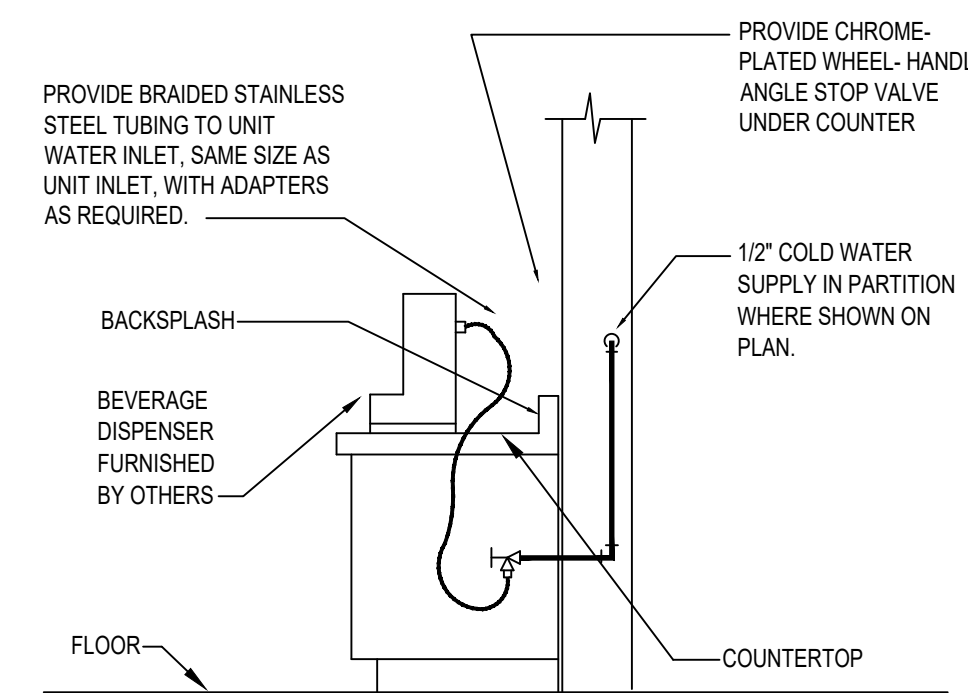
8
P3.2 PIPE HANGERS
N.T.S.



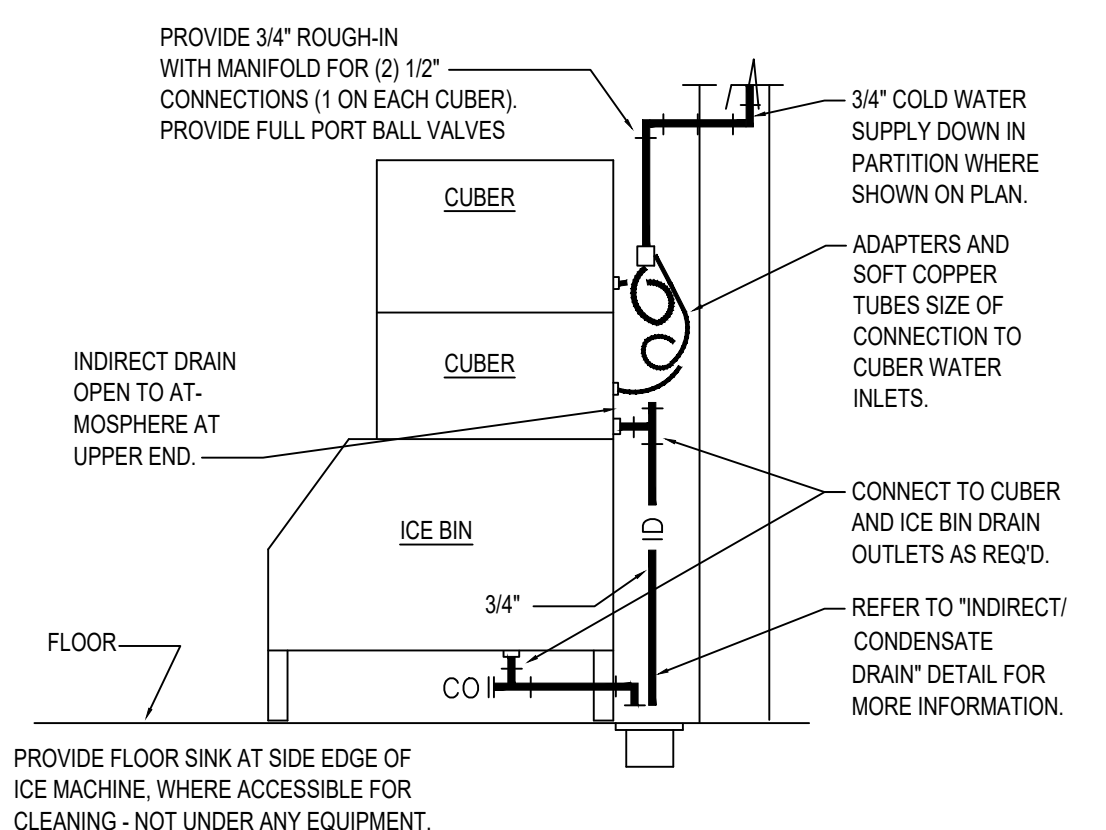
13
P3.2 PIPE THRU EXTERIOR WALL
N.T.S.



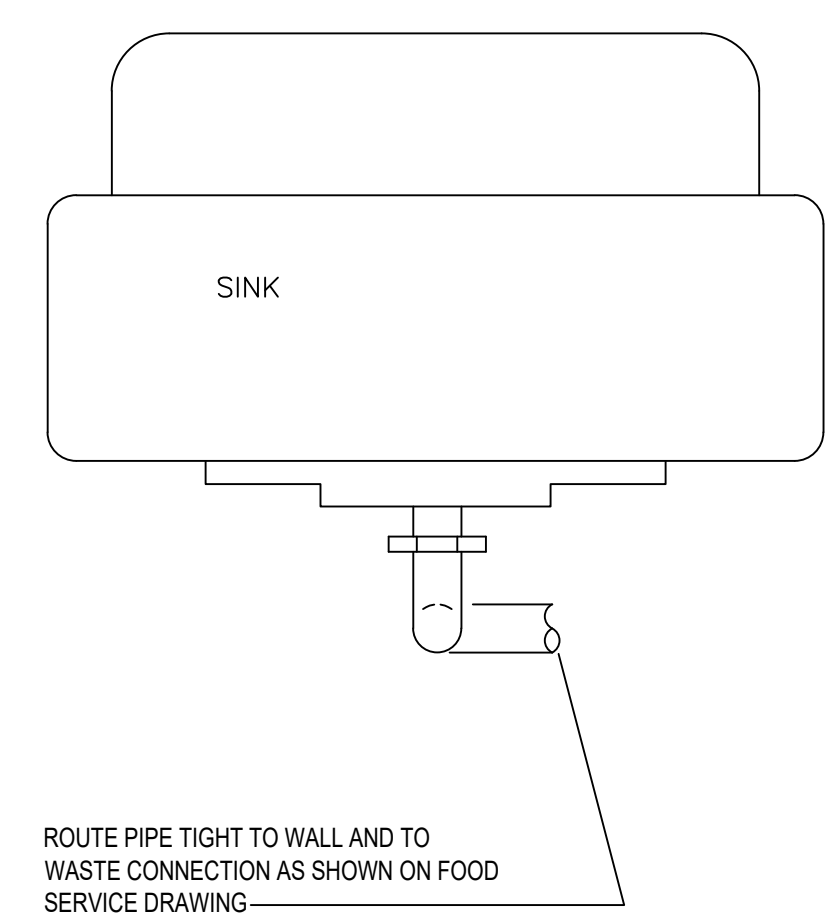
9
P3.2 SUPPORT OF PIPE ON ROOF
N.T.S.



10
P3.2 BEVERAGE DISPENSER WATER
N.T.S.



11
P3.2 ICE MACHINE CONNECTIONS
N.T.S.



12
P3.2 KITCHEN SINK WASTE AND SUPPLY DETAIL
N.T.S.

P3.1
NO SCALE PLUMBING SCHEDULES AND DETAILS