



The LaBiche
ARCHITECTURAL GROUP INC

Dohn H. LaBiche, FAIA - Principal
Greg Wall, AIA - Principal

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Beaumont, Texas 77706
(409) 860-0197 • Fax (409) 860-0198

April 08, 2019

ADDENDUM NO. 1

#15036 – FORD FIELDS CONCESSION STAND BEAUMONT, TEXAS

The following changes, corrections and additions or deletions to the Drawings and Specifications are hereby made part of the Contract Documents. Bidders shall acknowledge receipt of this Addendum in the Bid Form

SPECIFICATIONS

SECTION 133419 – METAL BUILDING SYSTEMS

1. Paragraph 2.1.A: Add the following manufacturer - SBS (Schulte Building Systems).

DRAWINGS

Sheet A1.1

1. 2/A1.1 Equipment Schedule Item #34 – Notes - Delete note in its entirety and revise to read as follows: "*Supplied by Owner, Installed by Contractor*".
2. 2/A1.1 Equipment Schedule Item #35 – Notes – Delete note in its entirety and revise to read as follows: "*Supplied by Owner, Installed by Contractor*".

Sheet A2.1

1. Delete Sheet A2.1 in its entirety and replace with the attached revised Sheet A2.1.

Sheet A4.0

1. Delete Sheet A4.0 in its entirety and replace with the attached revised Sheet A4.0.

Sheet A5.0

1. Delete Sheet A5.0 in its entirety and replace with the attached revised Sheet A5.0.

Sheet A6.0

1. Delete Sheet A6.0 in its entirety and replace with the attached revised Sheet A6.0.

Sheet A7.0

1. Delete Sheet A7.0 in its entirety and replace with the attached revised Sheet A7.0.



Addendum No.1
FORD FIELDS CONCESSION STAND

Sheet ME-1.0

2. Delete Sheet ME-1.0 in its entirety and replace with the attached revised Sheet ME-1.0.

Sheet ME-2.0

1. Delete Sheet ME-2.0 in its entirety and replace with the attached revised Sheet ME-2.0.

Sheet ME-2.1

1. Delete Sheet ME-2.1 in its entirety and replace with the attached revised Sheet ME-2.1.

Sheet ME-2.2

1. Delete Sheet ME-2.2 in its entirety and replace with the attached revised Sheet ME-2.2.

Sheet ME-3.0

1. Delete Sheet ME-3.0 in its entirety and replace with the attached revised Sheet ME-3.0.

Sheet ME-3.1

1. Delete Sheet ME-3.1 in its entirety and replace with the attached revised Sheet ME-3.1.

Sheet ME-3.2

1. Delete Sheet ME-3.2 in its entirety and replace with the attached revised Sheet ME-3.2.

Sheet ME-4.0

1. Delete Sheet ME-4.0 in its entirety and replace with the attached revised Sheet ME-4.0.

Sheet ME-4.1

1. Delete Sheet ME-4.1 in its entirety and replace with the attached revised Sheet ME-4.1.

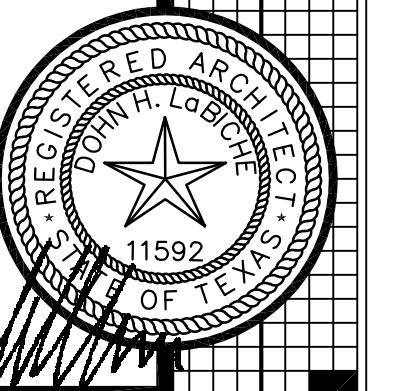
Sheet ME-4.2

1. Delete Sheet ME-4.2 in its entirety and replace with the attached revised Sheet ME-4.2.

End of Addendum No. 1



03.15.2019
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NEW CONSTRUCTION
5115 IH-10 SOUTH
BEAUMONT, TEXAS 77706
FORD PARK

SET NO.

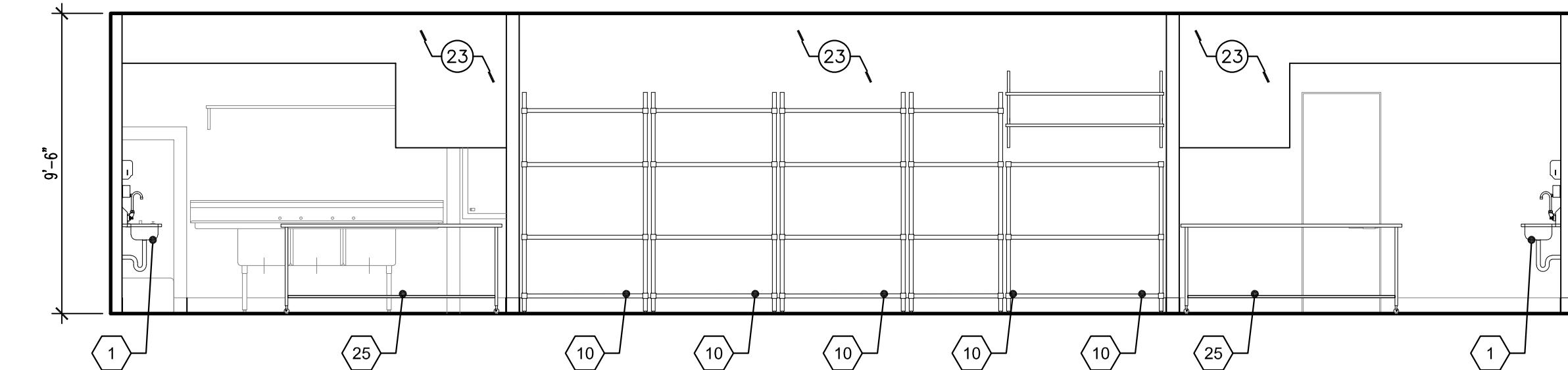
A2.1
15036A2.1
SHEET NUMBER
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L 7
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M 5
A 4
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B 2
C 1

DRAWN BY
CMM
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03.15.2019 BIDS & CONSTRUCTION
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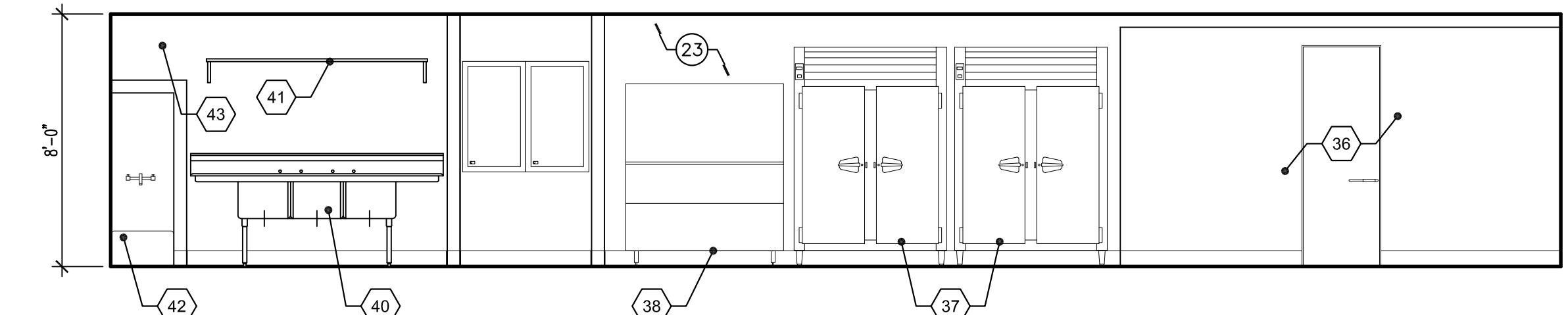
KEYED NOTES:

- 1 25 GAUGE, 1 5/8" METAL STUDS @ 16" O.C.
- 2 25 GAUGE, 3 5/8" METAL STUDS @ 16" O.C.
- 3 20 GAUGE, 6" METAL STUDS @ 16" O.C.
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- 10 DECORATIVE LIGHTING FIXTURE
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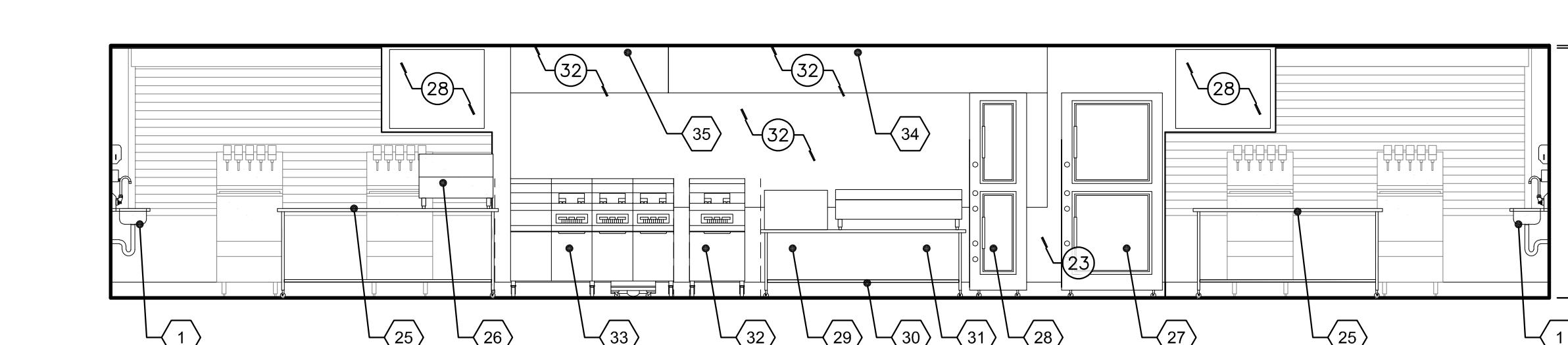
1 INTERIOR ELEVATION

A2.1 SCALE: 1/4" = 1'-0"



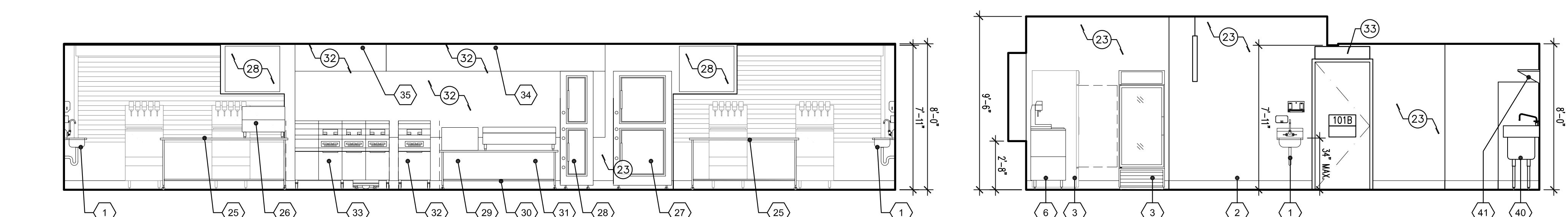
2 INTERIOR ELEVATION

A2.1 SCALE: 1/4" = 1'-0"



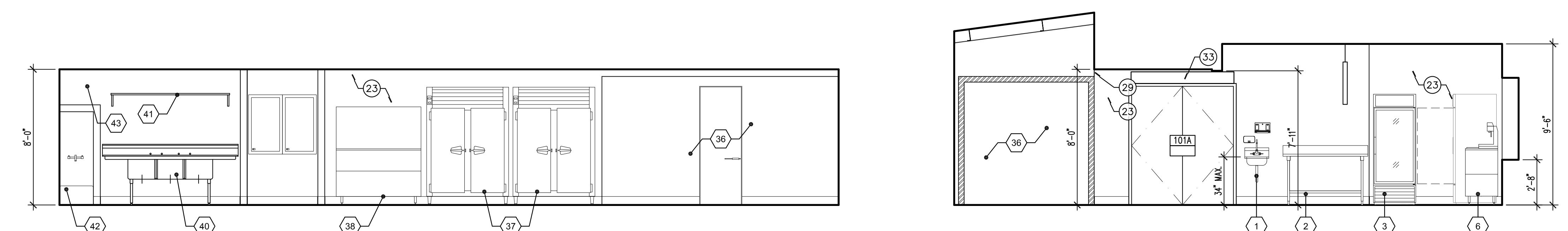
3 INTERIOR ELEVATION

A2.1 SCALE: 1/4" = 1'-0"



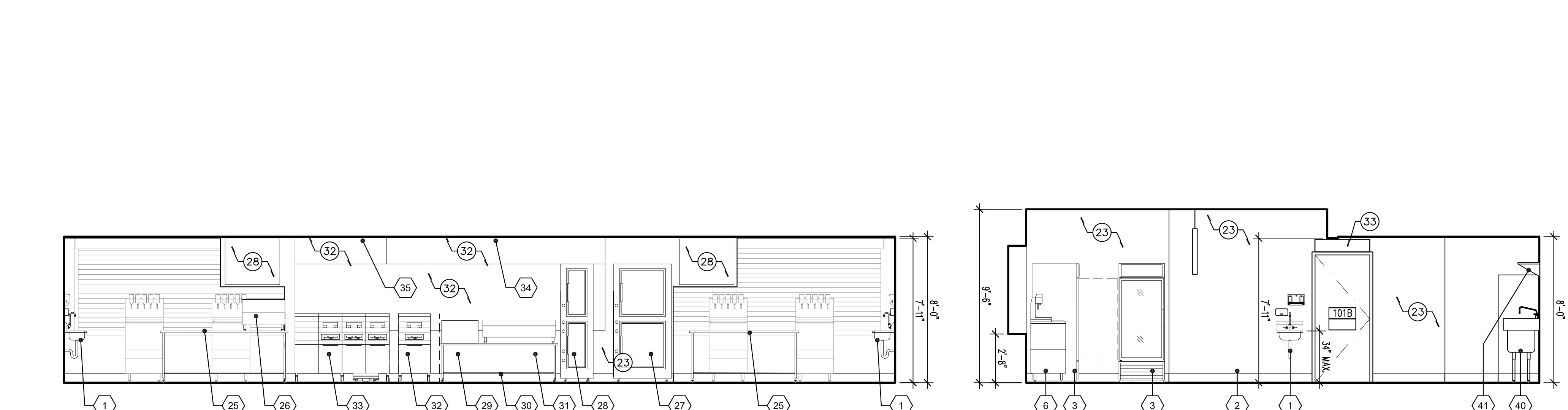
6 INTERIOR ELEVATION

A2.1 SCALE: 1/4" = 1'-0"



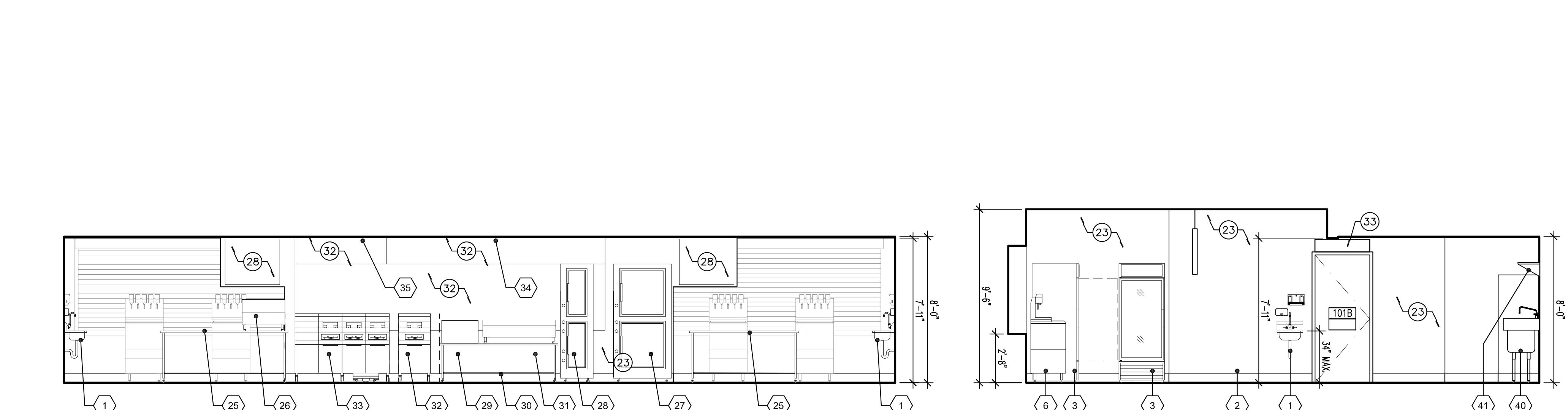
5 INTERIOR ELEVATION

A2.1 SCALE: 1/4" = 1'-0"



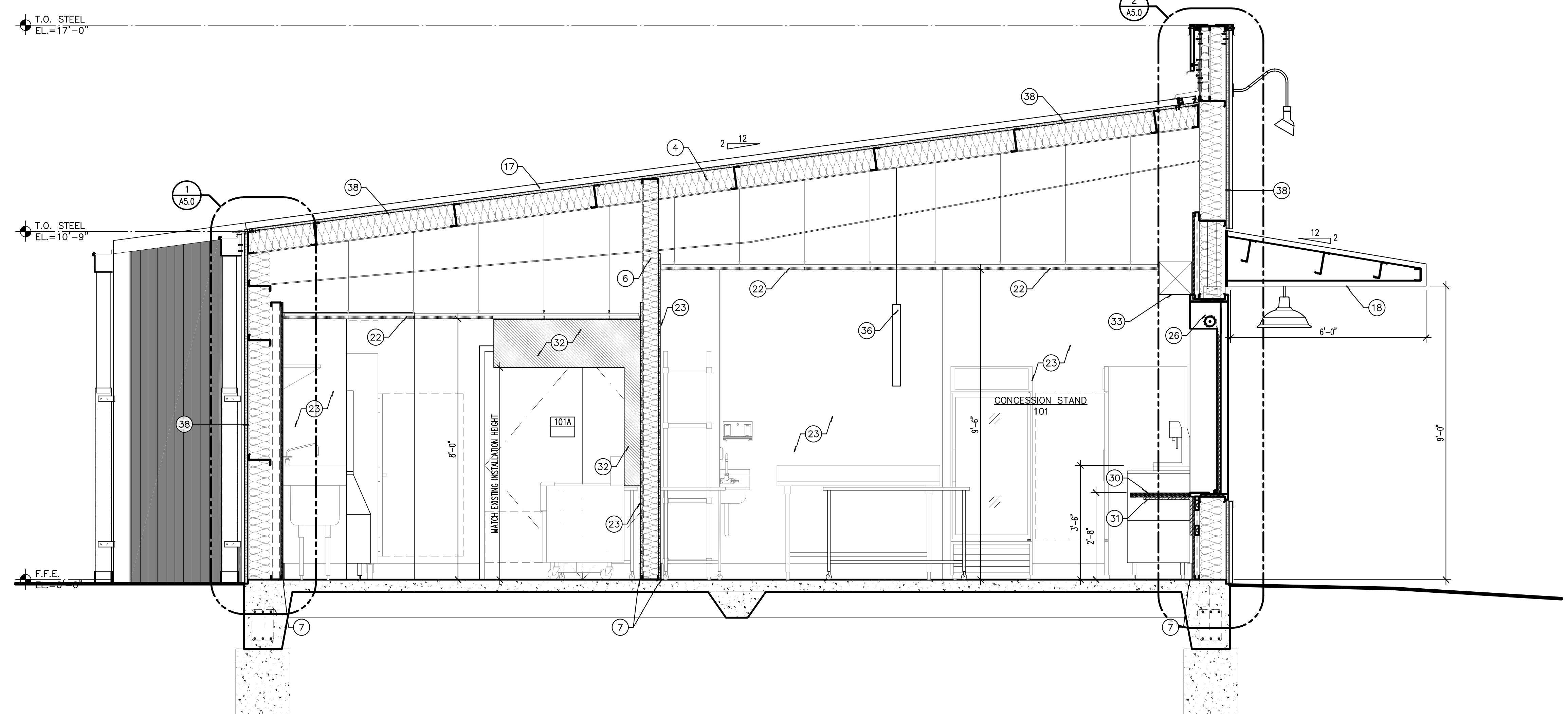
6 INTERIOR ELEVATION

A2.1 SCALE: 1/4" = 1'-0"



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A2.1 SCALE: 1/4" = 1'-0"



BUILDING SECTION

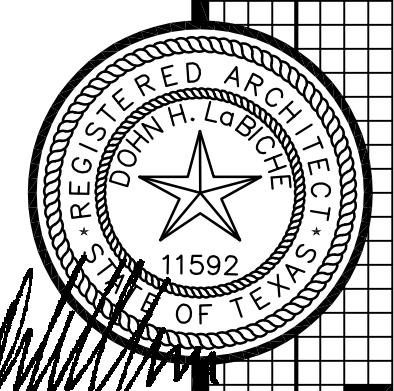
A4.0 SCALE: 1/2" = 1'-0"

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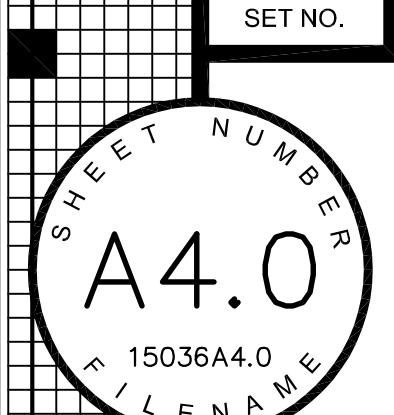


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NEW CONSTRUCTION
FORD PARK

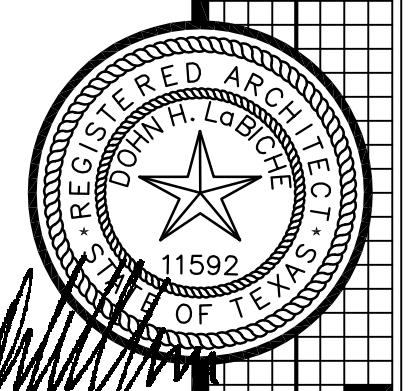
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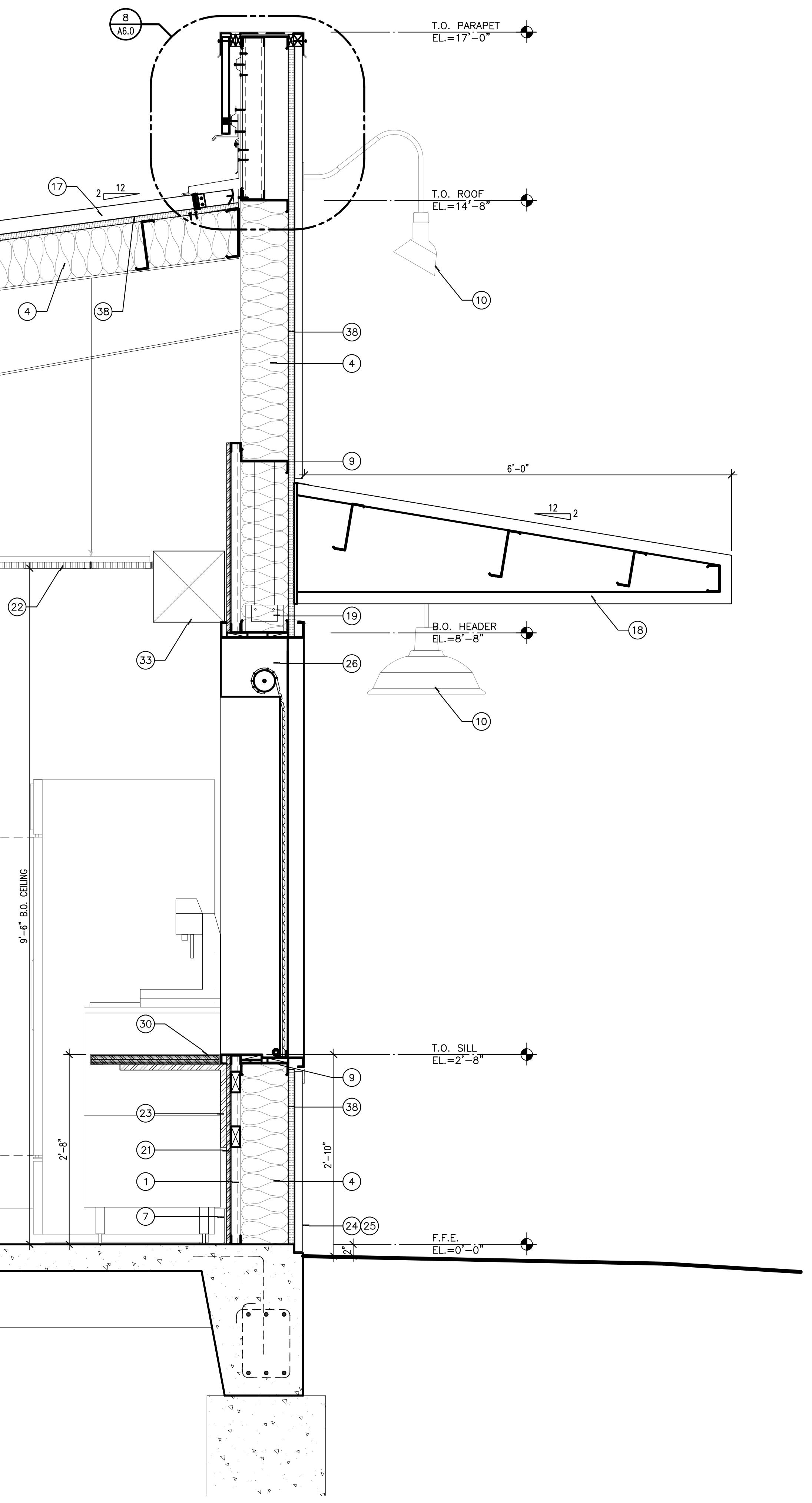
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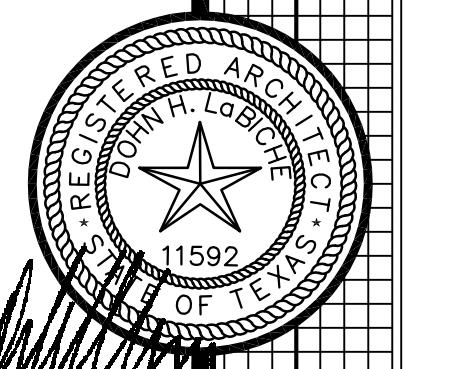
1 WALL SECTION

A5.0 SCALE: 1" = 1'-0"

2 WALL SECTION

A5.0 SCALE: 1" = 1'-0"

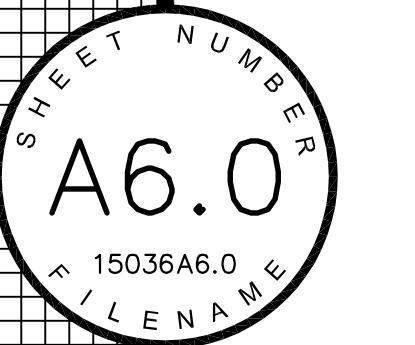
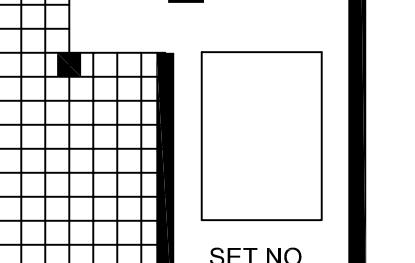
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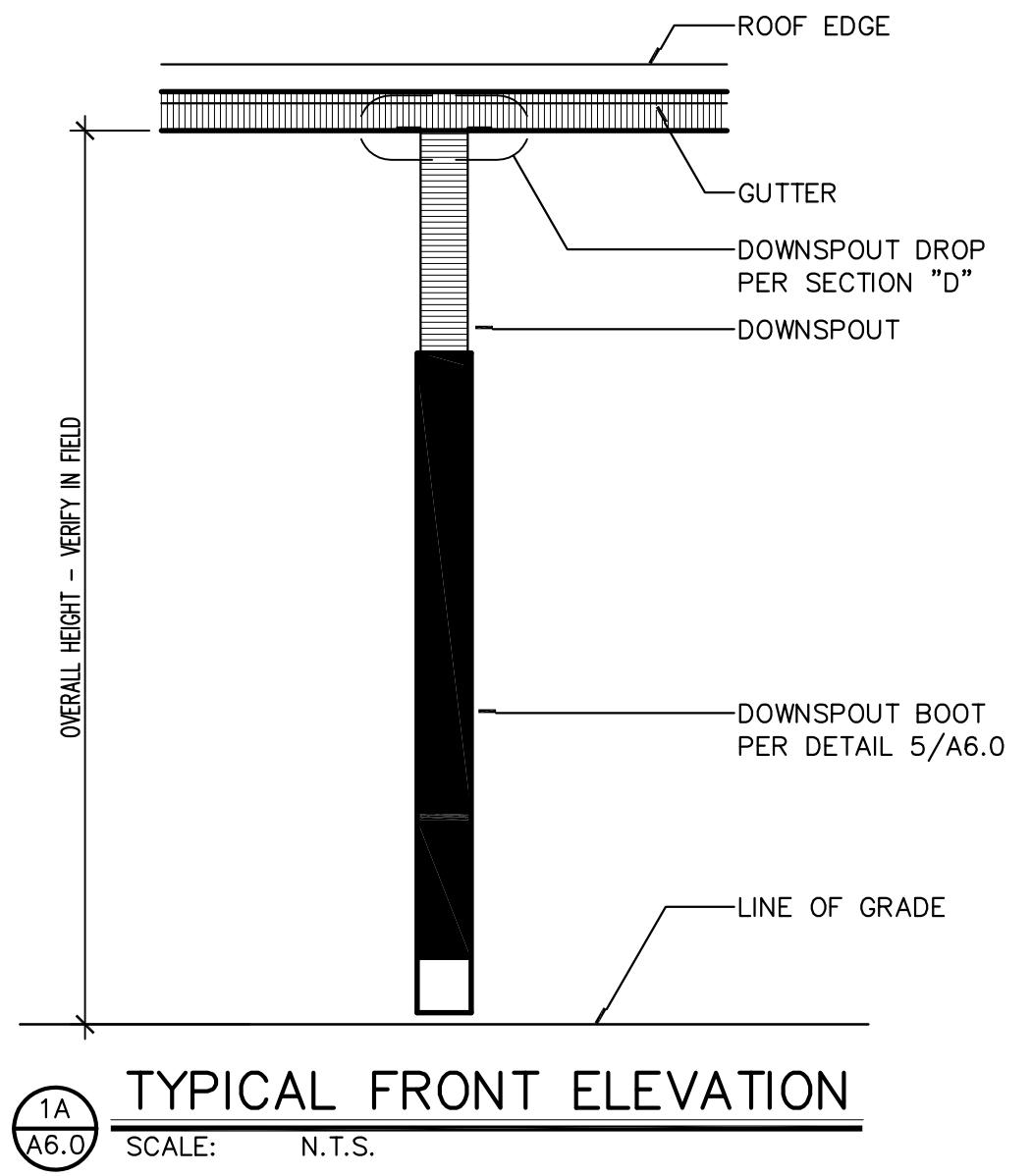
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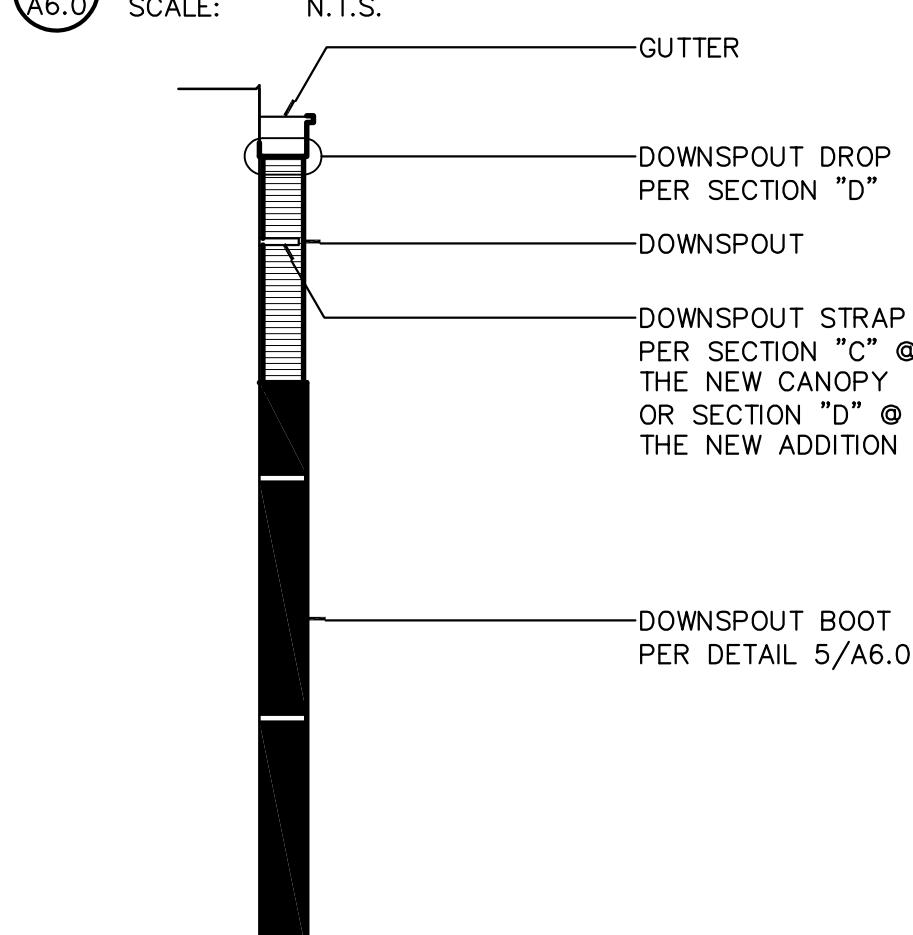
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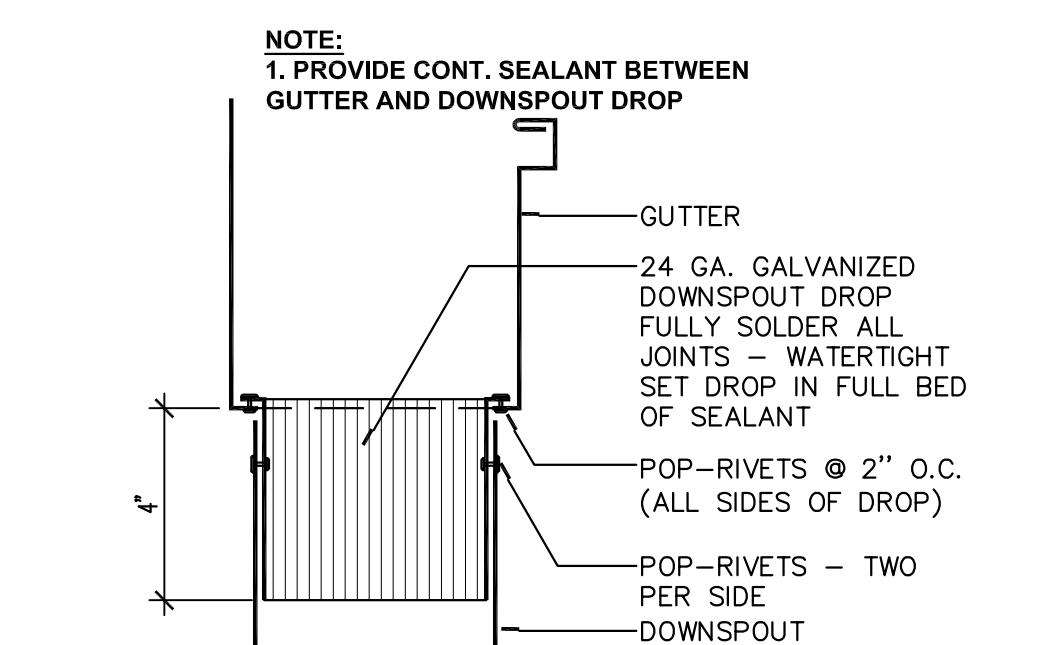
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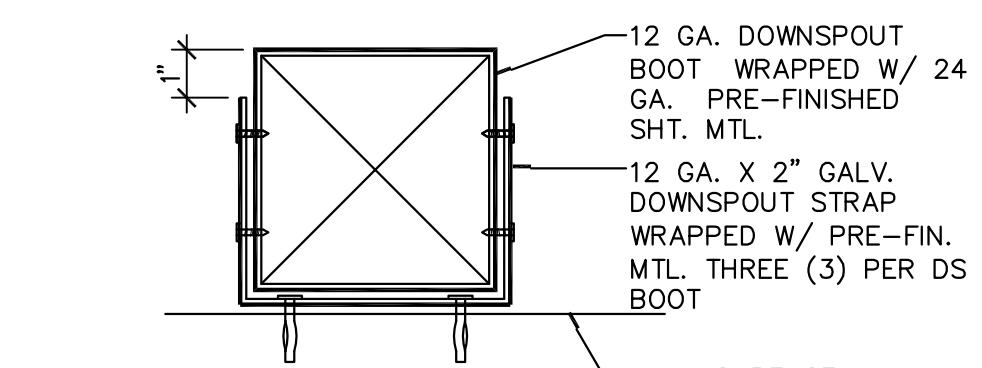
1A
TYPICAL FRONT ELEVATION



1B
TYPICAL SIDE ELEVATION

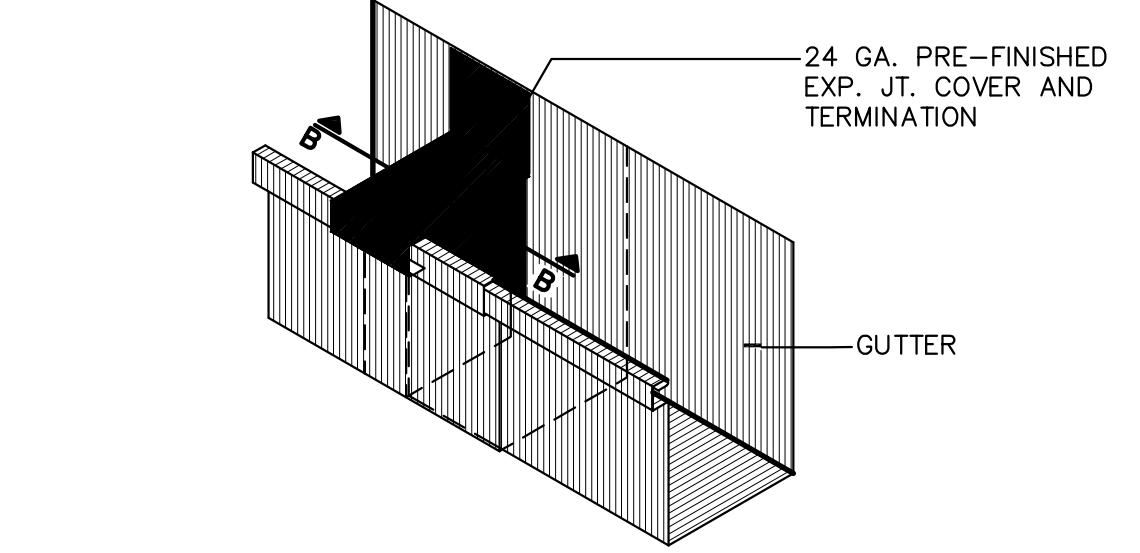


1C
DOWNSPOUT STRAP

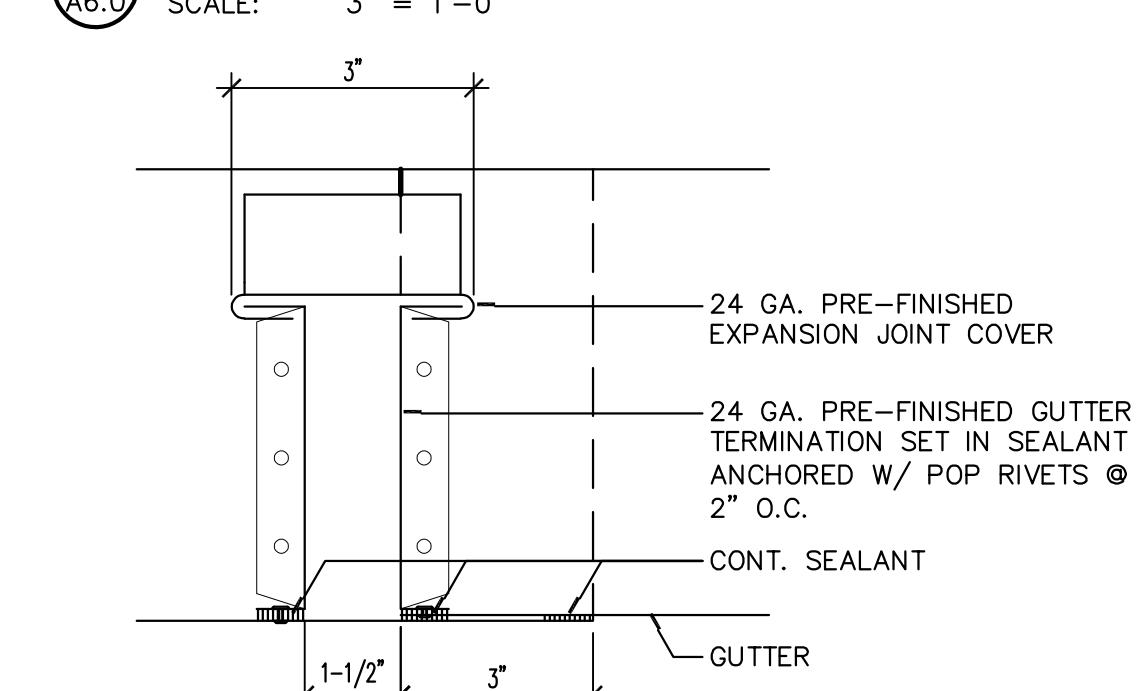


1D
DOWNSPOUT DROP

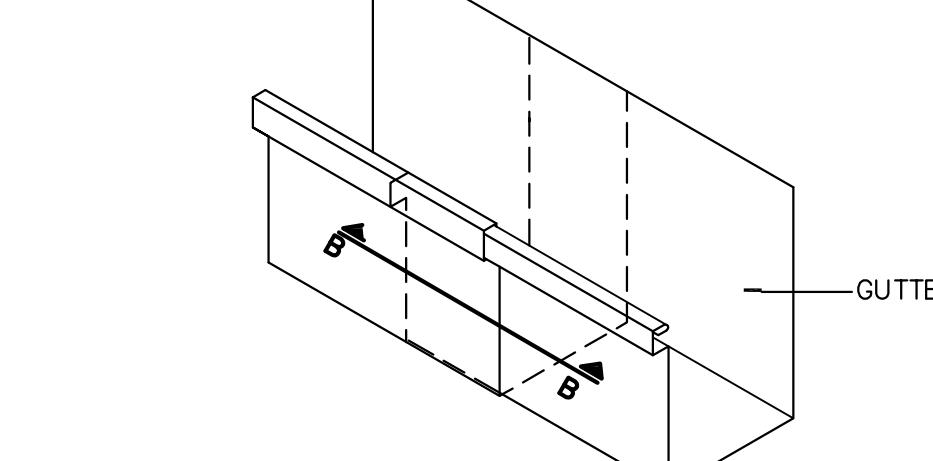
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TYPICAL DOWNSPOUT SECTION



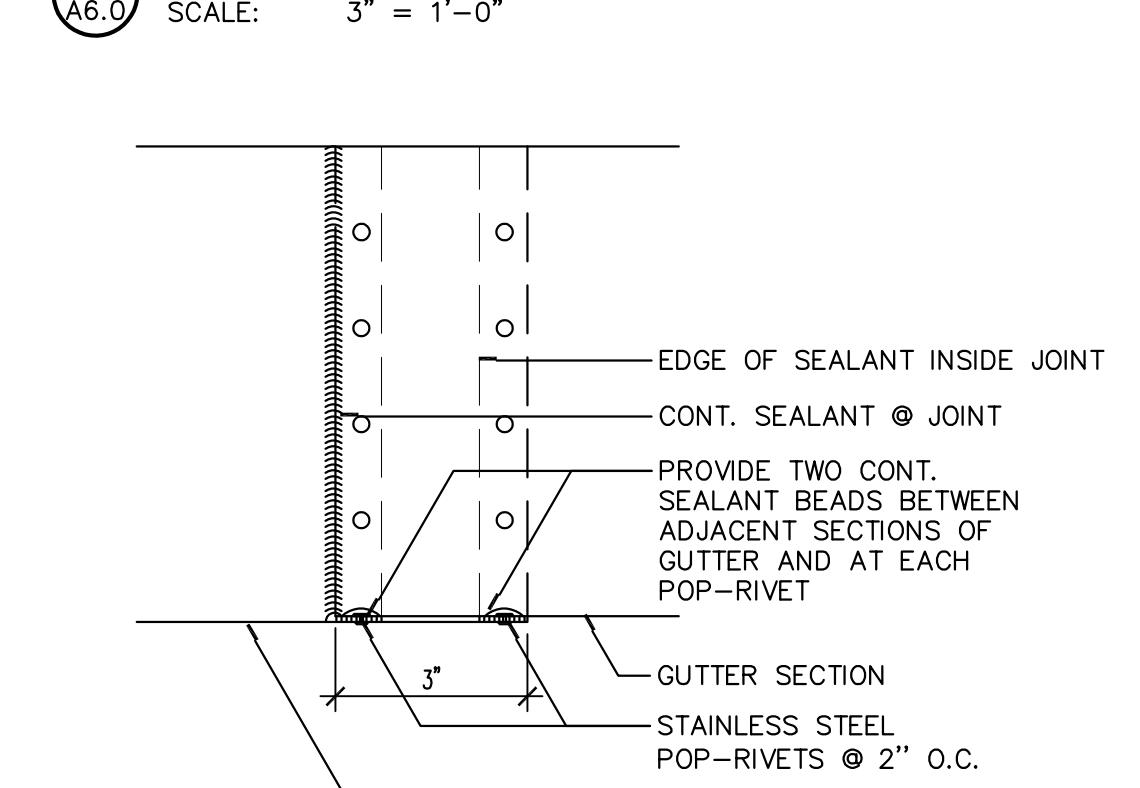
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ISOMETRIC



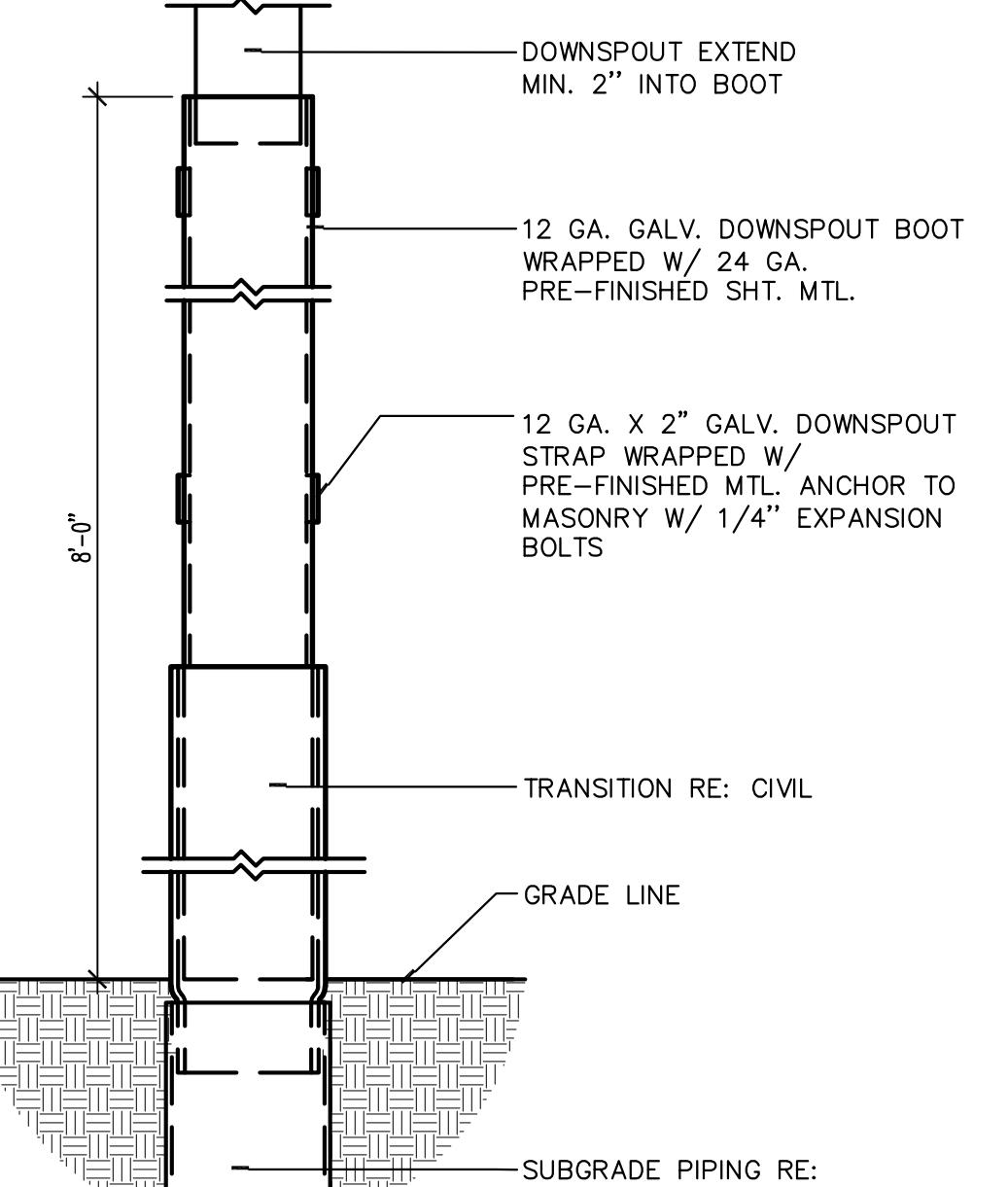
2B
SECTION
2A
GUTTER EXPANSION JOINT



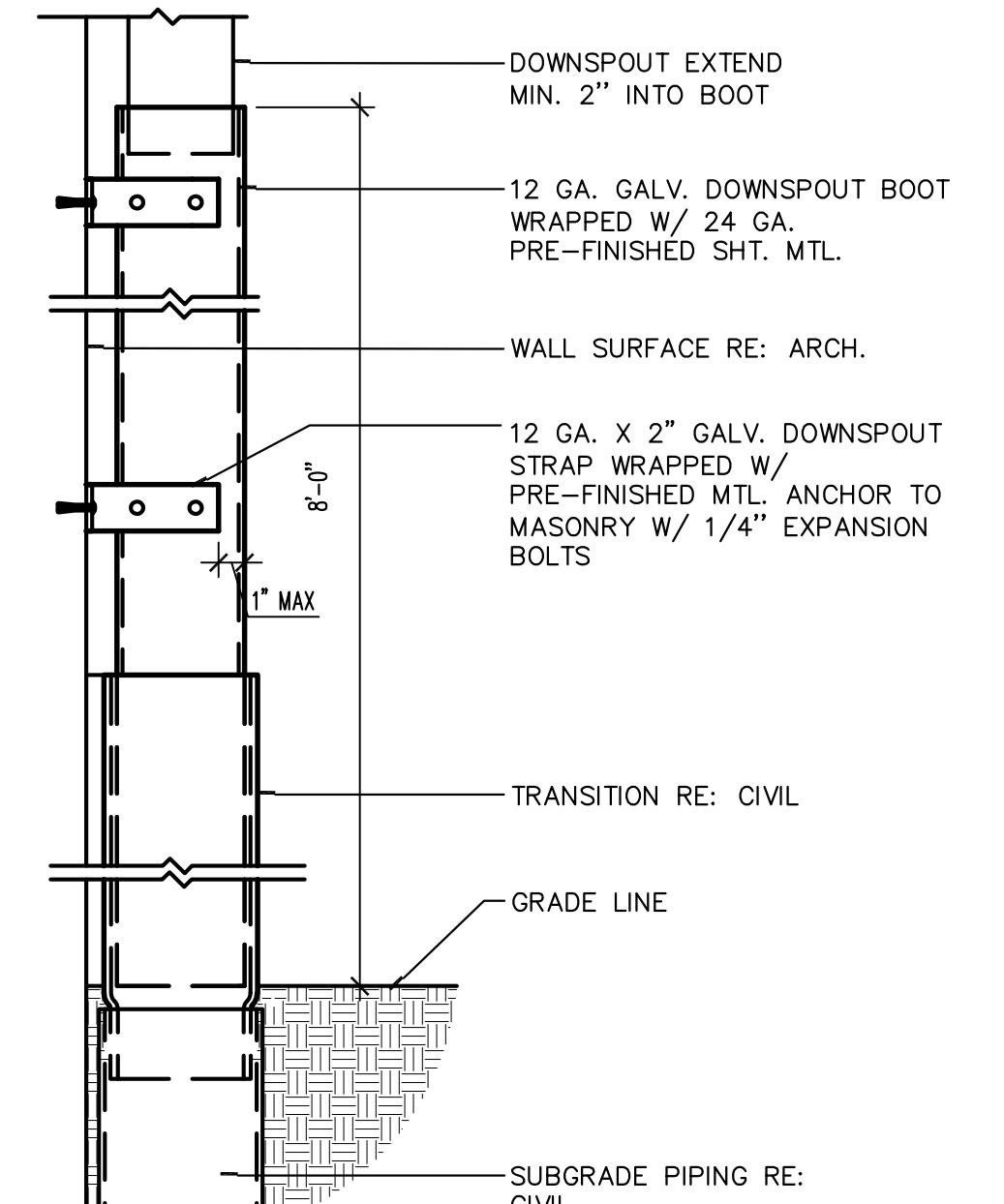
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ISOMETRIC



3B
SECTION
3A
GUTTER JOINT



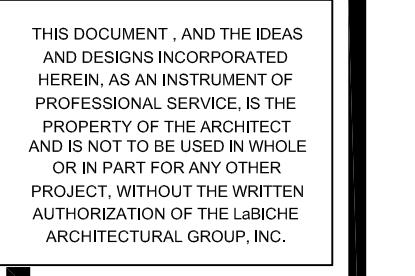
5A
FRONT ELEVATION



5B
SIDE ELEVATION

5
DOWNSPOUT BOOT (SUB-GRADE)

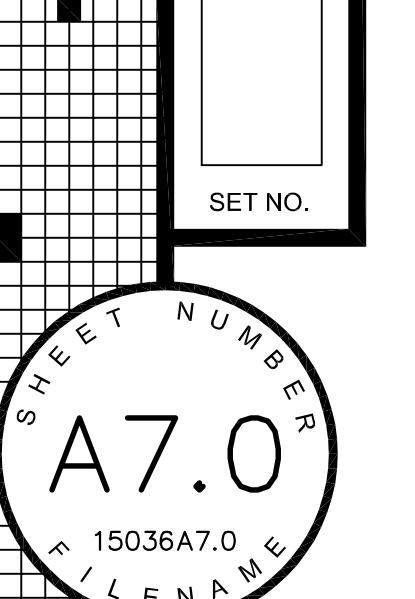
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DOWNSPOUT BOOT (SUB-GRADE)



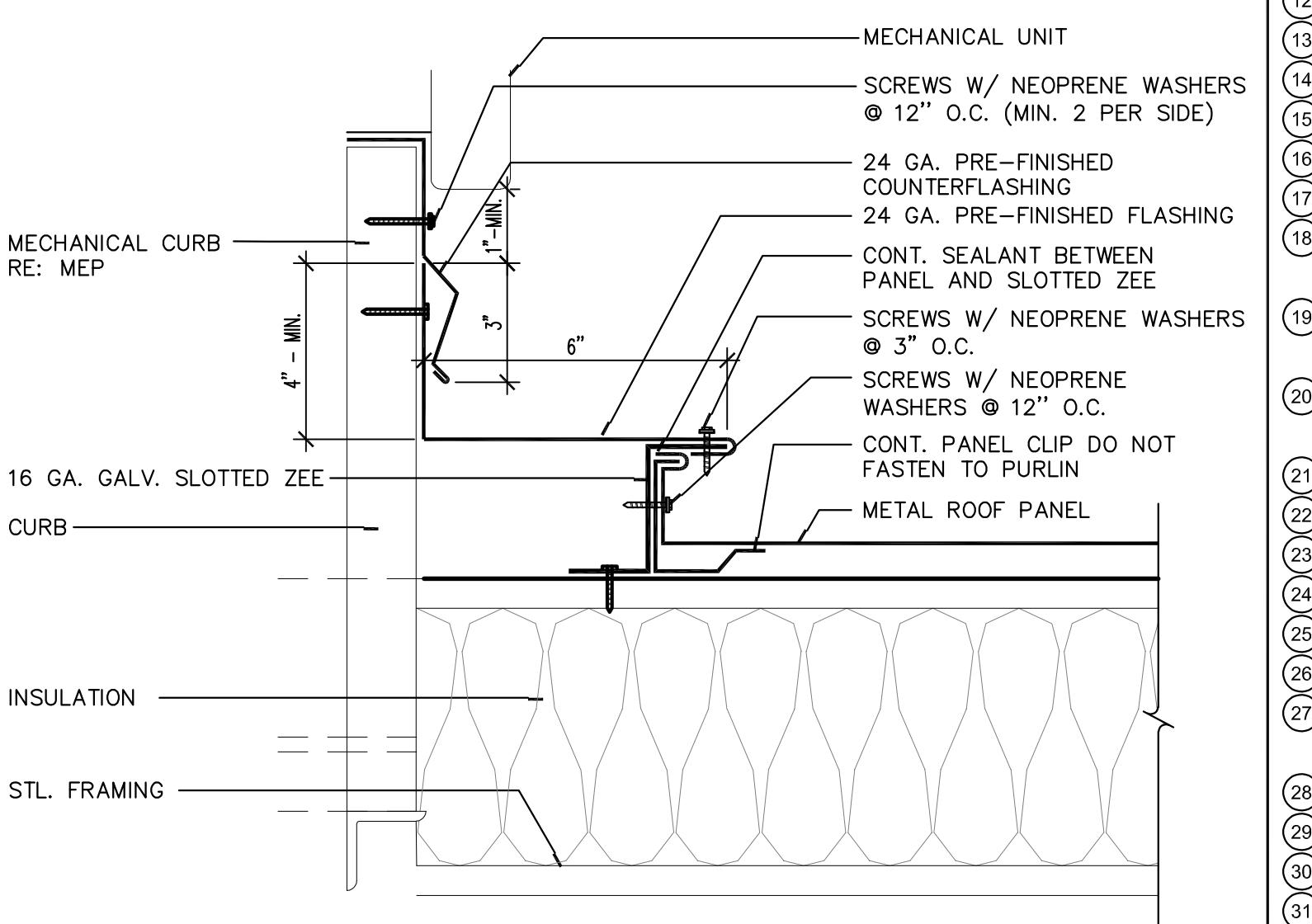
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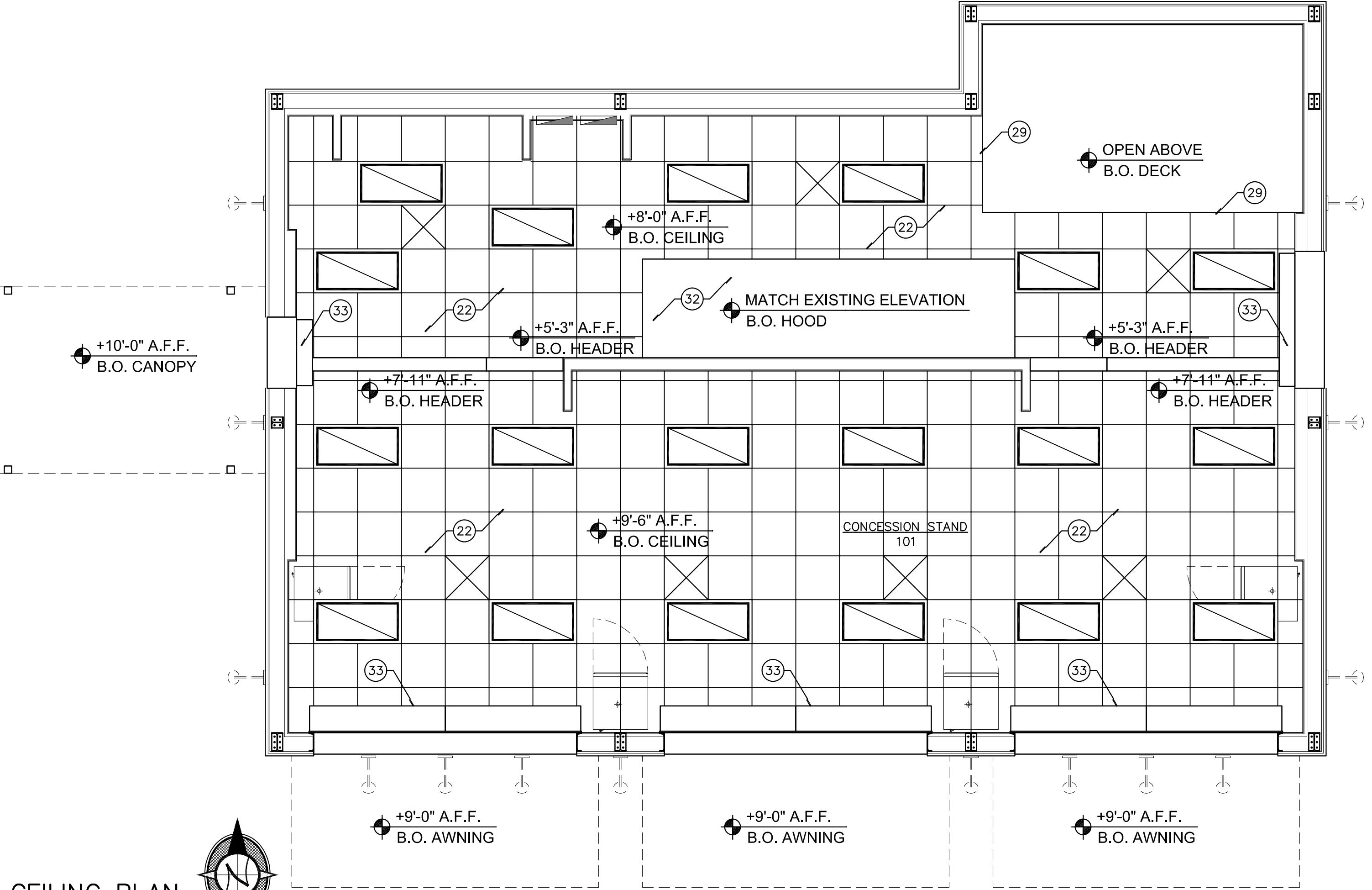


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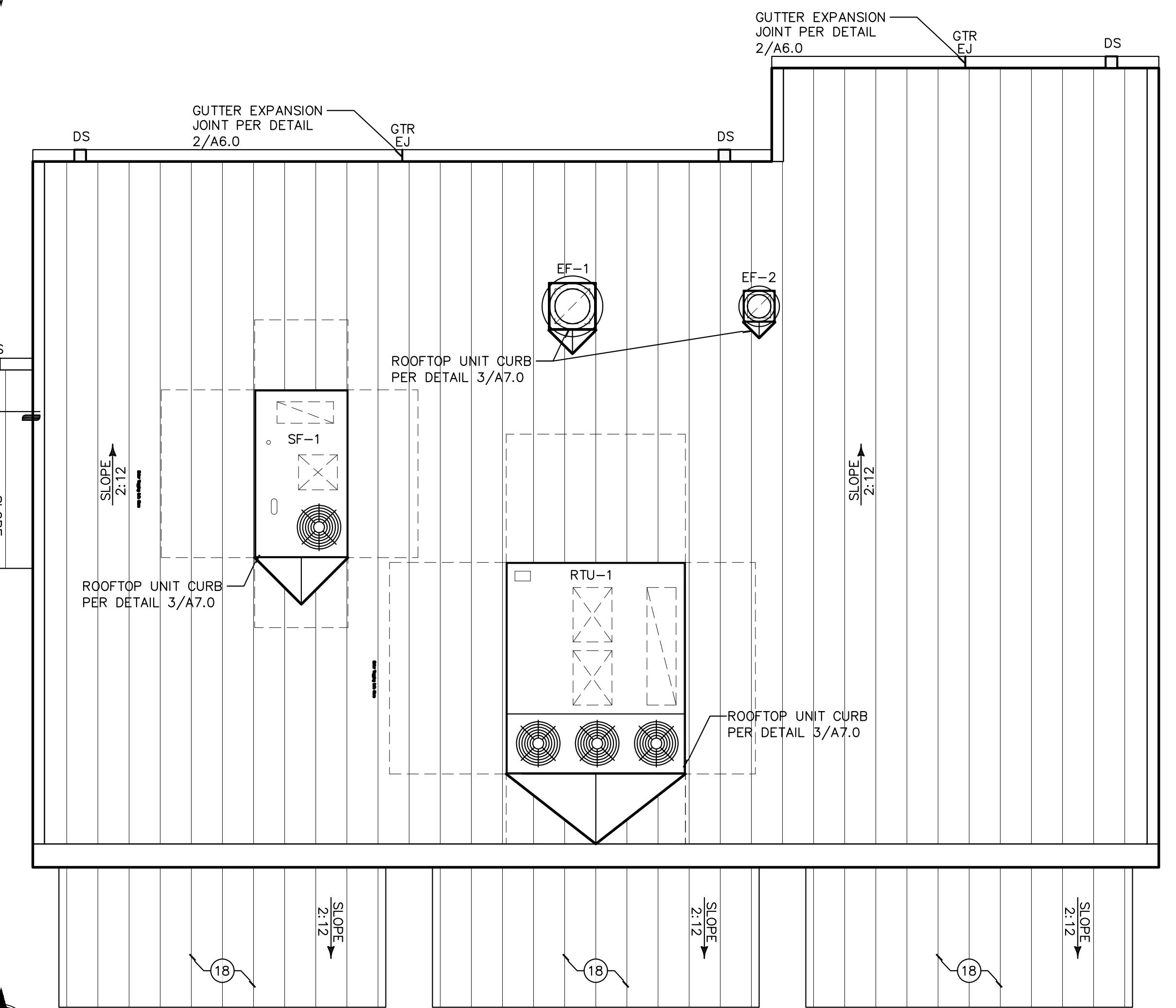
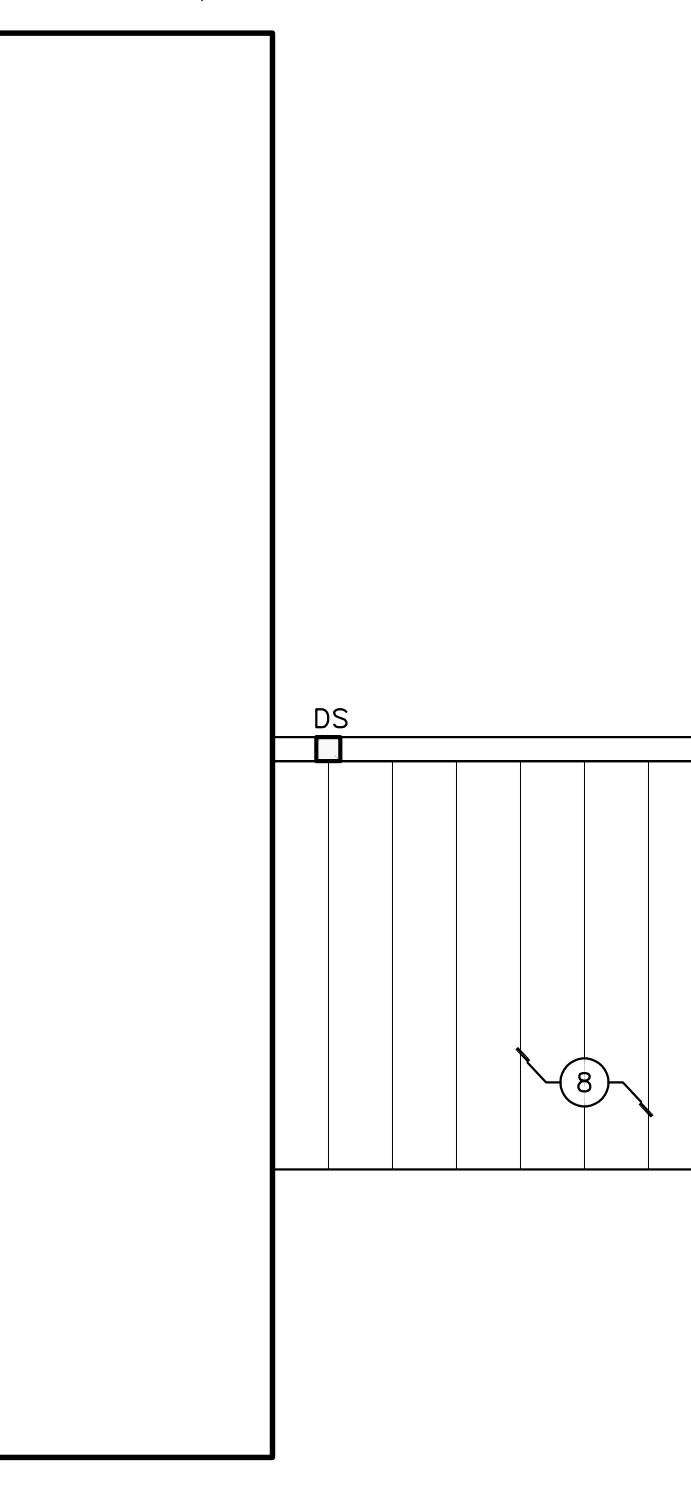
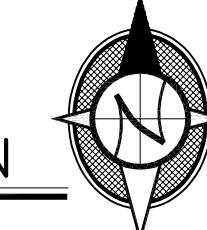
3 ROOFTOP UNIT CURB

SCALE: 3" = 1'-0"



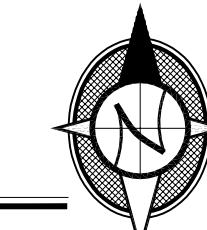
1 REFLECTED CEILING PLAN

A7.0 SCALE: 1/4" = 1'-0"



ROOF PLAN

A7.0 SCALE: $1/4"$ = 1'-0"



NOTE:

1. STANDARD METAL BUILDING DETAILS SHALL BE SUBMITTED FOR APPROVAL.
2. EXPOSED FASTENER R PANELS SHALL BE USED FOR THIS PROJECT.
3. ROOF PANELS SHALL BE CONTINUOUS FROM EAVE TO RIDGE.

XXXXXX
DATE SIGNED
2019
REGISTRATION EXPIRATION DATE

1993 GLADYS AVENUE - SUITE 101
BEAUMONT, TEXAS 77706
PHONE: 409.860.0557
FAX: 409.860.0558

THE
Labiche
ARCHITECTURAL
GROUP, INC.

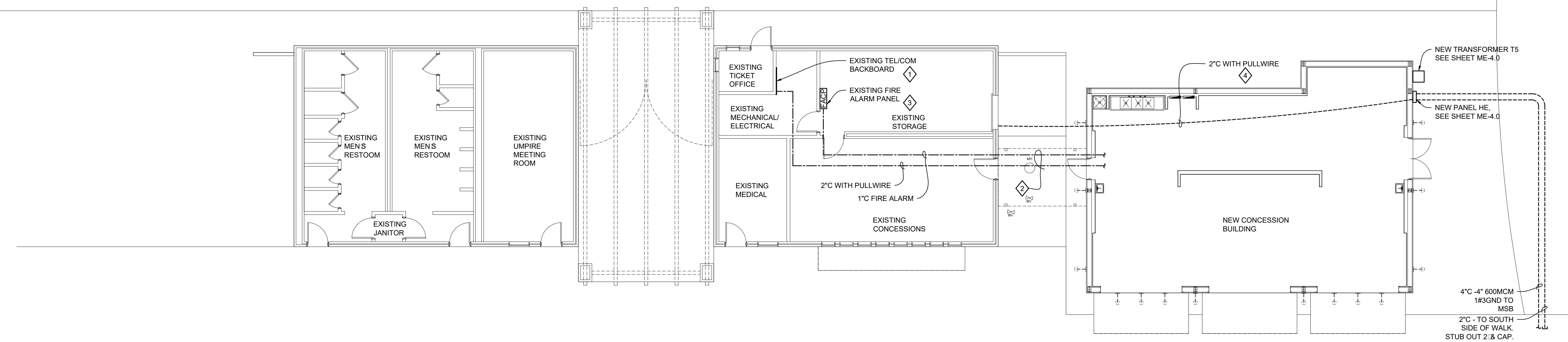
NEW CONSTRUCTION STAND
514-520-5205
BEAUMONT, TEXAS 77706
FORD PARK

FORD FIELDS CONCESSION STAND
514-520-5205
BEAUMONT, TEXAS 77706
FORD PARK

SET NO.
FILE NAME
ME-1.0
SHEET NUMBER

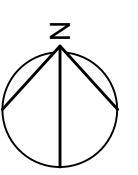
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MUGG.COM
PROJECT NUMBER
18-019
DOCUMENT RELEASE DATE
1. BIDS & CONST. 3-15-19
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1 ELECTRICAL SITE PLAN

SCALE: 1/8" □ 1E0"



1/2" x 6'0" LONG FLEXIBLE METAL RACEWAY WITH CONDUCTORS REQUIRED FOR SWITCHED CONDUCTORS, UNSWITCHED CONDUCTORS, NEUTRAL, AND GROUND.

UNDERGROUND WIRING.
CONCEALED WIRING.
EXPOSED WIRING.

PNL-CKT
HOME RUN TO PANEL AND CIRCUIT INDICATED.

20A 125V DUPLEX SPECIFICATION GRADE RECEPTACLE WITH THERMOPLASTIC HIGH-IMPACT RESISTANT WALL PLATE. MOUNT BOTTOM AT 16" A.F.F. UNLESS OTHERWISE NOTED.
CT - COUNTERTOP MOUNTED HORIZONTALLY
UC - UNDER COUNTER
GFCI - GROUND FAULT CIRCUIT INTERRUPTER, FEED THRU TYPE
WP - WEATHER PROOF COVER

2 EA. 20A 125V DUPLEX SPECIFICATION GRADE RECEPTACLE WITH THERMOPLASTIC HIGH-IMPACT RESISTANT WALL PLATE. MOUNT TOP AT 16" A.F.F. UNLESS OTHERWISE NOTED.

SPECIAL RECEPTACLE. SEE EQUIPMENT SCHEDULE FOR REQUIREMENTS. FIELD VERIFY EXACT EQUIPMENT REQUIREMENTS.

ALUMINUM TELEPOWER POLE WITH 2 EA. 20A 125V DUPLEX RECEPTACLES ON EACH SIDE AS INDICATED. VERIFY POLE HEIGHT WITH ROOM CEILING HEIGHT. RECEPTACLE HEIGHTS TO BE 42" TO BOTTOM RECEPTACLE.

20A 120/277 SPECIFICATION GRADE HUBBELL SERIES 1221 TOGGLE SWITCH WITH THERMOPLASTIC HIGH-IMPACT RESISTANT COVER PLATE TO MATCH RECEPT. COVER PLATE COLOR SELECTED BY ARCHITECT ON ROOM-BY-ROOM BASIS. MOUNT BOTTOM AT 44" A.F.F. UNLESS OTHERWISE NOTED.

2 POLE
3 THREE WAY
4 FOUR WAY

\$M MANUAL MOTOR STARTER 30A WITHOUT OVERLOAD USED FOR MOTOR DISCONNECT.

4" SD SHEET METAL JUNCTION BOX DEPTH AS REQUIRED.

EQUIPMENT SINGLE OR THREE PHASE MOTOR HORSEPOWER NOTED.

HEAVY DUTY DISCONNECT SWITCH.
FDS FUSED
NFDS NONFUSED

EXIT LIGHT SINGLE FACED SEE LIGHT FIXTURE SCHEDULE.

3/4" x 10" COPPER CLAD GROUND ROD WITH TOP EXPOSED 6" ABOVE FINISHED GRADE.

3/4" x 10" COPPER CLAD GROUND ROD IN UUAZITE #PC0608 WITH #PC0608CA00 COVER MARKED "GROUND".

ADDRESSABLE FIRE ALARM CONTROL PANEL. EXISTING.

COMPUTER JUNCTION BOX 4" SD x 2-1/8" D. WITH 2 EACH 1" CONDUIT STUB-UP INTO ACCESSIBLE CEILING SPACE 12" ABOVE CEILING UNLESS OTHERWISE NOTED. PROVIDE MATCHING COVER PLATE TO WIRING DEVICES WITH ORANGE DATA JACKS. MOUNT BOTTOM AT 15" A.F.F. UNLESS OTHERWISE NOTED.

W 44" ABOVE FINISHED FLOOR
CT - COUNTERTOP
UC - UNDER COUNTER

CABLE TV AND DATA JUNCTION BOX 4" SD x 2-1/8" D. WITH 1" EACH CONDUIT STUB-UP INTO ACCESSIBLE CEILING SPACE 12" ABOVE CEILING UNLESS OTHERWISE NOTED. WALL PLATE AND JACK TO MATCH WIRING DEVICES.
C CEILING MOUNTED

3 ELECTRICAL LEGEND

SCALE: NONE

4 KEY NOTES

SCALE: NONE

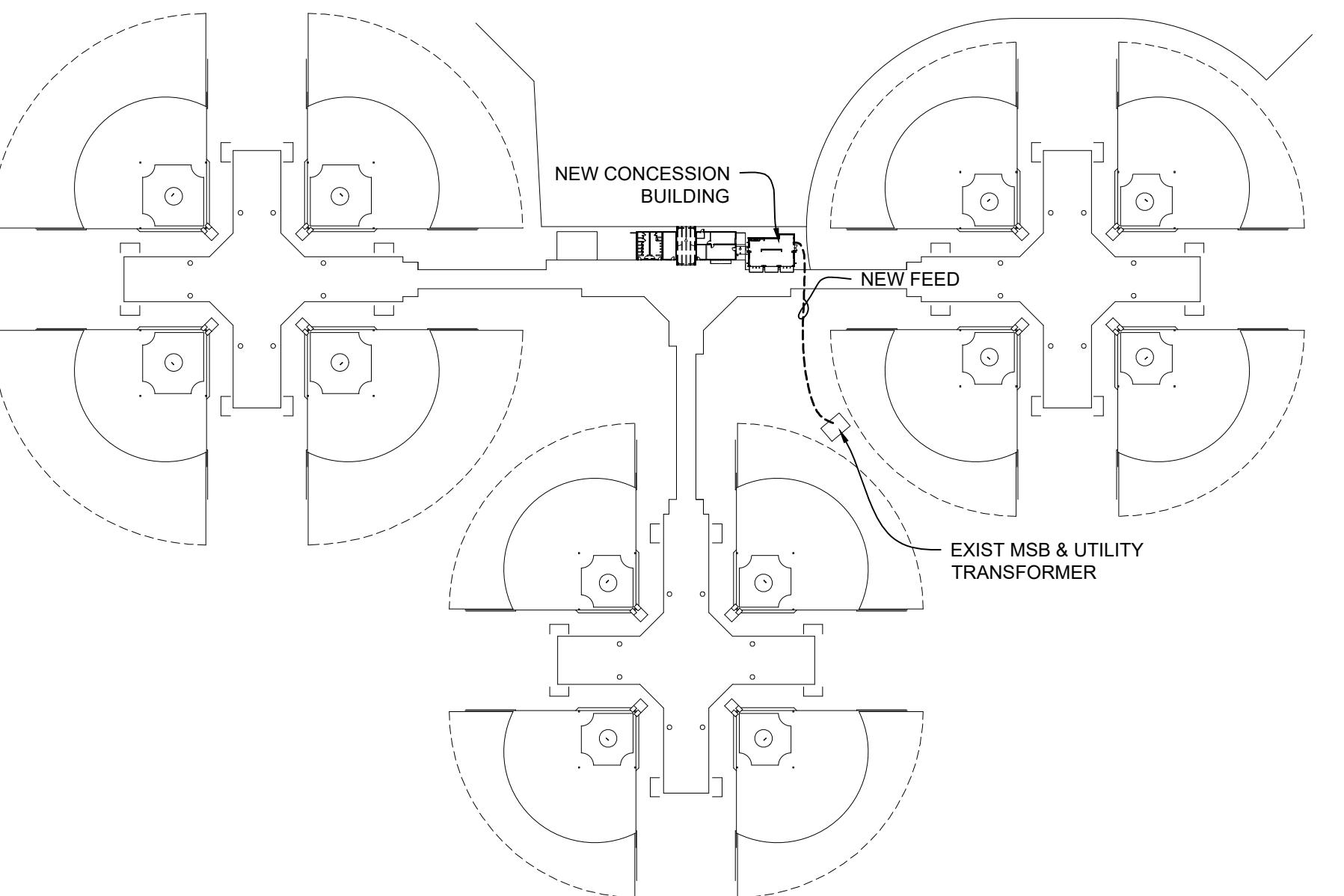
- THE SCOPE OF WORK FOR THIS PROJECT IS REPRESENTED THROUGHOUT THESE DRAWINGS. THE CONTRACTOR SHALL REVIEW THE ARCHITECTURAL, CIVIL, STRUCTURAL, PLUMBING, MECHANICAL, AND ELECTRICAL DRAWINGS FOR ITEMS OF WORK TO BE INCLUDED. THE CONTRACTOR SHALL OBTAIN CLARIFICATION FROM THE ARCHITECT PRIOR TO ANY ROUGH-IN. FAILURE TO OBTAIN CLARIFICATION SHALL NOT RELIEVE THE CONTRACTOR FROM PROVIDING THE NECESSARY SERVICES AT THE REQUIRED LOCATION AT NO ADDITIONAL COST TO THE OWNER.
- ALL WORK SHALL BE IN ACCORDANCE WITH THE LATEST EDITION, OR THE EDITION ENFORCED BY THE JURISDICTION IN WHICH THE PROJECT IS CONSTRUCTED, OF THE FOLLOWING CODES AND STANDARDS:
 - THE NATIONAL ELECTRICAL CODE NFPA 70
 - NATIONAL FIRE ALARM CODE NFPA 72
 - LIFE SAFETY CODE NFPA 101
 - THE INTERNATIONAL BUILDING CODE
 - THE INTERNATIONAL FIRE CODE
 - STATE AND LOCAL CODES AND ORDINANCES COMPLETE WITH ANY MODIFICATIONS TO THE ABOVE CODES.
- WHERE CONFLICT BETWEEN THE CODES AND CONSTRUCTION DOCUMENTS OCCURS, THE MORE STRINGENT REQUIREMENTS WILL BE ENFORCED. ALL REQUIRED INSPECTIONS SHALL BE PERFORMED BY THE AUTHORITY HAVING JURISDICTION AND PAID FOR BY THE CONTRACTOR. CERTIFICATES OF INSPECTION SHALL BE FURNISHED TO THE ARCHITECT.
- ALL EQUIPMENT NECESSARY FOR A COMPLETE AND OPERABLE ELECTRICAL SYSTEM SHALL BE FURNISHED AND INSTALLED BY THE CONTRACTOR. CONTRACTOR SHALL COORDINATE AND VERIFY THE REQUIREMENTS FOR THE CONCESSION EQUIPMENT, BEING FURNISHED UNDER THIS CONTRACT AND/OR FURNISHED AND INSTALLED BY OTHERS OUTSIDE OF THIS CONTRACT. NOTIFY ARCHITECT AND ENGINEER OF ANY DISCREPANCIES AFFECTING THE WORK.
- APPLICATION AND INSTALLATION OF MATERIALS AND EQUIPMENT SHALL BE STRICTLY IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS. SHOULD THERE BY ANY DIFFERENCE BETWEEN SUCH RECOMMENDATIONS AND THE REQUIREMENTS OF THE DRAWINGS, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF SUCH DIFFERENCES AND OBTAIN THE ARCHITECT'S INTERPRETATION PRIOR TO INSTALLATION. DIFFERENCES BROUGHT TO THE ARCHITECT'S ATTENTION AFTER INSTALLATION SHALL BE CORRECTED TO THE ARCHITECT'S INTERPRETATION BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE.
- ALL TIE-IN LOCATIONS SHOWN ARE GENERAL LOCATIONS. CONTRACTOR SHALL ESTABLISH EXACT LOCATIONS IN FIELD PRIOR TO ANY ROUGH-IN.

5 INDEX TO ME DRAWINGS

SCALE: NONE

6 GENERAL ELECTRICAL NOTES

SCALE: NONE

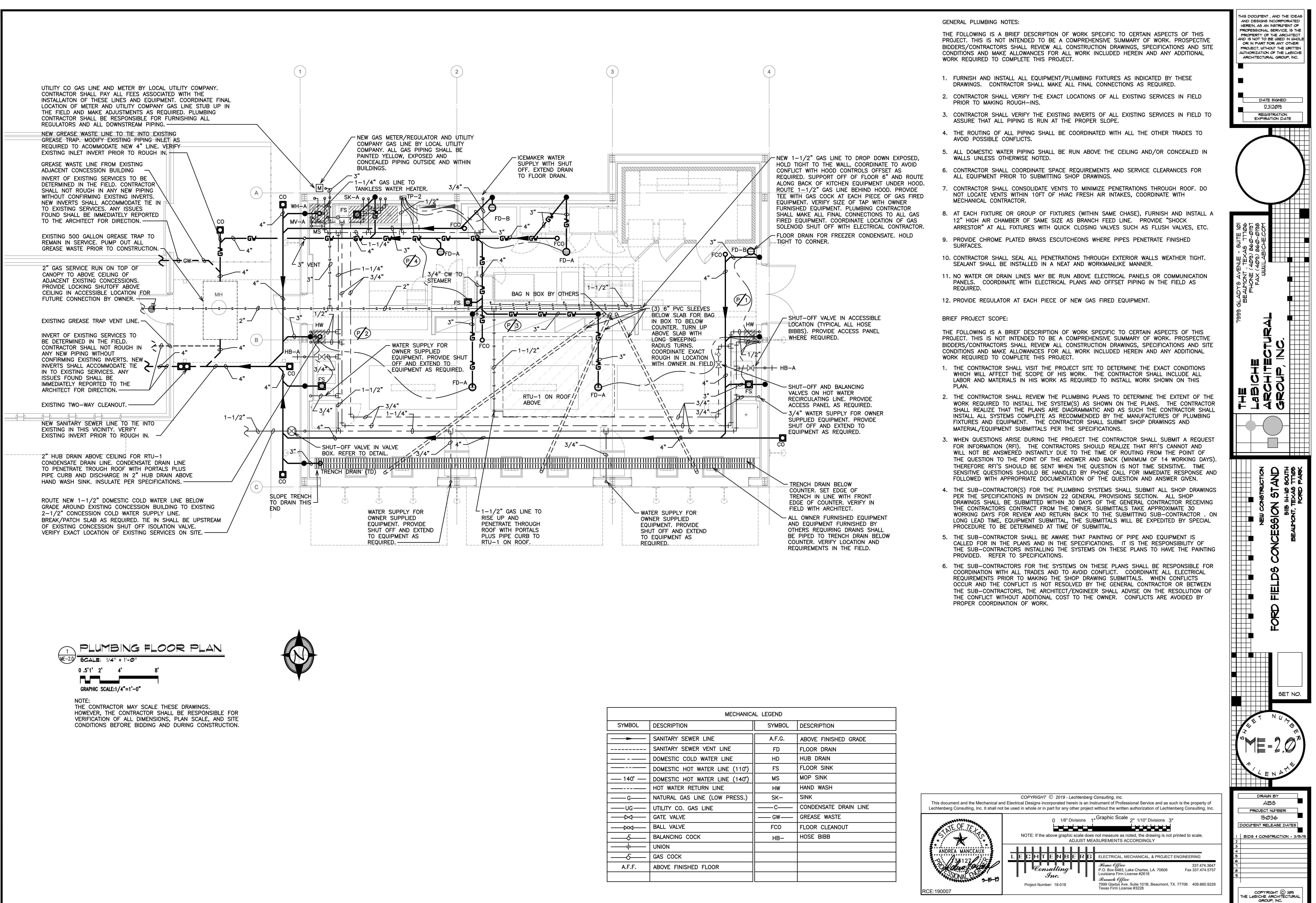


2 OVERALL SITE PLAN

SCALE: 1" □ 150"



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PROJECT NUMBER 18-019	
DOCUMENT RELEASE DATE 1. BIDS & CONST. 3-15-19 2. - 3. - 4. - 5. - 6. - 7. - 8. - 9. -	
0 1/8" Divisions	1" Graphic Scale
2" 1/10" Divisions	3"
NOTE: If the above graphic scale does not measure as noted, the drawing is not printed to scale. ADJUST MEASUREMENTS ACCORDINGLY	
ELECTRICAL, MECHANICAL, & PROJECT ENGINEERING	
Lechtenberg Consulting Inc.	
Home Office P.O. Box 5483, Lake Charles, LA 70606 Fax 337.474.5757	
Branch Office 3290 FM 1050, Suite 101B, Beaumont, TX 77706 Texas Firm License #3228	



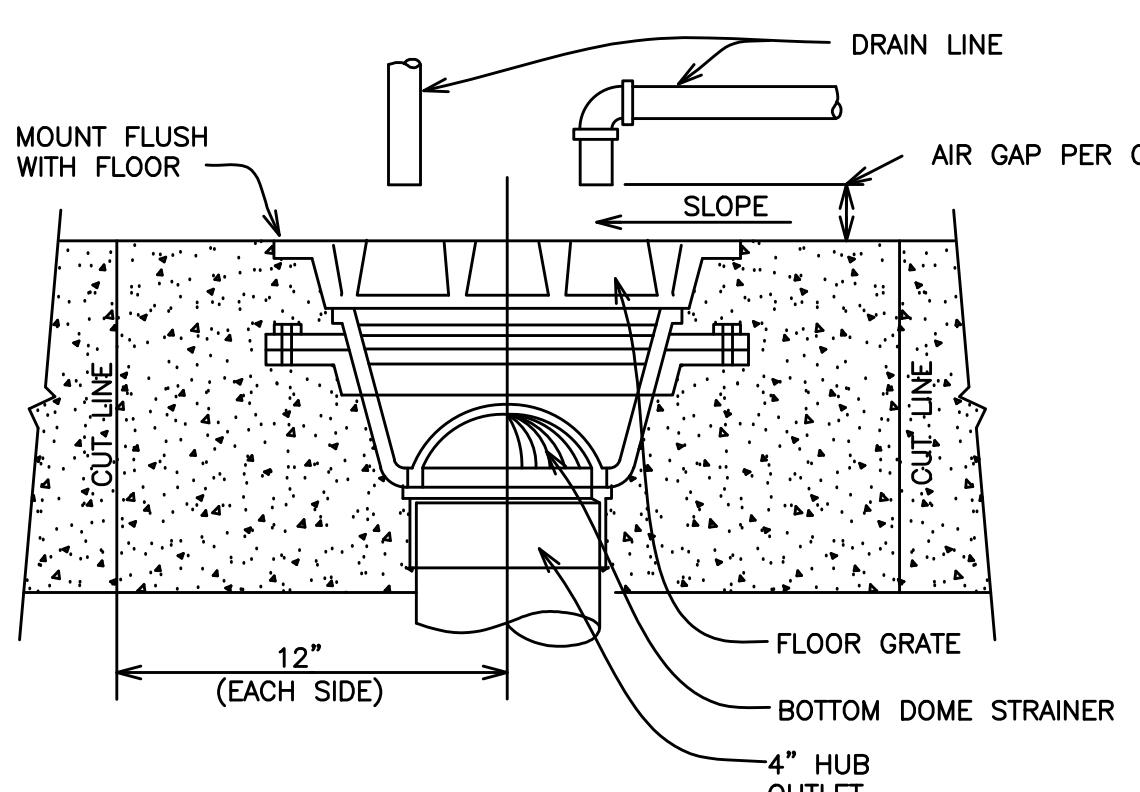
PLUMBING FIXTURE SCHEDULE

PLUMBING FIXTURE SCHEDULE								
NO.	Fixture	PIPE SIZE					A.D.A. COMPLIANT	REMARKS
		TRAP	WASTE	VENT	C.W.	H.W.		
FD-A	AREA DRAIN	3"	3"	2"	---	---	---	ZURN Z415B FLOOR DRAIN, FURNISH WITH 6" ROUND TOP, FLANGE, INT. REVERSIBLE CLAMPING COLLAR AND NICKEL BRONZE STRAINER. TOP SHALL BE FLUSH WITH FINISHED FLOOR. COORDINATE WITH ARCHITECTURAL PLANS FOR FLOORING REQUIREMENTS. FURNISH WITH TRAP PRIMER CONNECTION.
FD-B	INDIRECT WASTE DRAIN	3"	3"	2"	---	---	---	ZURN Z415I FLOOR DRAIN WITH RAISED FLANGE. FURNISH WITH 6" ROUND TOP, FLANGE, INT. REVERSIBLE CLAMPING COLLAR AND NICKEL BRONZE STRAINER. PROVIDE 1" AIR GAP AT EQUIPMENT DRAIN DISCHARGE. SET TOP OF EXTENDED RIM FLUSH WITH FINISHED FLOOR. FURNISH WITH TRAP PRIMER CONNECTION.
FS	FLOOR SINK	3"	3"	2"	---	---	---	ZURN Z1910 12"X12"X8" CAST IRON FLOOR SINK. FURNISH WITH TRAP PRIMER CONNECTION, A.R.E. INTERIOR, ALUMINUM DOME STRAINER AND NICKEL BRONZE FRAME. TOP OF DRAIN SHALL BE FLUSH WITH FINISHED FLOOR. PROVIDE INDIRECT CONNECTION AT DISCHARGE TO FLOOR SINK. FURNISH WITH FULL GRATE WITH SQUARE CENTER OPENING. EXTEND DRAIN LINES FROM OWNER FURNISHED EQUIPMENT AS REQUIRED.
MS	MOP SINK	3"	3"	2"	3/4"	3/4"	---	SINK AND FAUCET FURNISHED BY OWNER SET IN PLACE BY PLUMBING CONTRACTOR. PLUMBING CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS TO EQUIPMENT. CONTRACTOR SHALL FURNISH ALL PIPING/VALVES, ETC REQUIRED FOR A COMPLETE INSTALLATION. FURNISH WITH ASSE 1070 TEMPERATURE CONTROL DEVICE TO CONTROL DOMESTIC HOT WATER TEMPERATURE TO 105°F.
HB-A	HOSE BIBB	---	---	---	3/4"	---	---	ZURN Z1335 BOX TYPE WALL HYDRANT WITH VACUUM BREAKER AND METAL WHEEL HANDLE. COORDINATE BOX FINISH WITH ARCHITECT.
WH-A	TANKLESS GAS WATER HEATER	---	---	---	3/4"	3/4"	---	WATER HEATER FURNISHED BY OWNER, INSTALLED BY PLUMBING CONTRACTOR. PLUMBING CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS. FURNISH WITH P/T RELIEF VALVE AND PIPE PER MANUFACTURERS INSTALLATION INSTRUCTIONS. EXTEND FLUE THROUGH ROOF TO EXTERIOR. CONTRACTOR SHALL BE RESPONSIBLE FOR DISCONNECTING AND RELOCATING WATER HEATER FROM ITS EXISTING LOCATION, COORDINATE WITH OWNER.
HW	HANDWASH	1-1/2"	2"	2"	1/2"	1/2"	YES	SINK AND FAUCET FURNISHED BY OWNER SET IN PLACE BY PLUMBING CONTRACTOR. PLUMBING CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS TO EQUIPMENT. CONTRACTOR SHALL FURNISH WITH CAST BRASS PTRAP, 3/8" ANGLE STOPS, ESCUTCHEONS, ETC REQUIRED FOR A COMPLETE INSTALLATION. FURNISH WITH ASSE 1070 TEMPERATURE CONTROL DEVICE TO CONTROL DOMESTIC HOT WATER TEMPERATURE TO A MAX OF 105°F. SET AT HEIGHT PER ARCHITECTURAL PLANS.
C-A	HOT WATER RECIRC PUMP	---	---	---	---	3/4"	---	BELL AND GOSSETT NBF-25 LEAD FREE WET ROTOR CIRCULATOR OR APPROVED EQUAL WITH AUTOMATIC TIMER KIT AND AQUASTAT AND CHECK-TROL FLOW CONTROL FLANGE KIT, 120-1-60 ELECTRICAL SERVICE. UNIT SHALL PRODUCE A MINIMUM OF 1.0 GPM AT 15 FT OF HEAD.
MV-A	MIXING VALVE	---	---	---	1"	1"	---	LEONARD, POWERS OR APPROVED EQUAL THERMOSTATIC MIXING VALVE IN STAINLESS STEEL BOX WITH BALL VALVE AND DIAL THERMOMETER SET TO MAINTAIN DESIRED WATER TEMPERATURE, 0.5 GPM MINIMUM FLOW CAPACITY AND ASSE 1017 CERTIFIED. STARTUP FROM MANUFACTURER APPROVED TECHNICIAN FOR ALL MIXING VALVES.
SK-A	3 COMPARTMENT SINK	---	3"	---	3/4"	3/4"	NO	SINK AND FAUCET FURNISHED BY OWNER SET IN PLACE BY PLUMBING CONTRACTOR. PLUMBING CONTRACTOR SHALL MAKE ALL FINAL CONNECTIONS TO EQUIPMENT. CONTRACTOR SHALL FURNISH WITH CAST BRASS PTRAP, 3/8" ANGLE STOPS, ESCUTCHEONS, ETC REQUIRED FOR A COMPLETE INSTALLATION. FURNISH WITH ASSE 1070 TEMPERATURE CONTROL DEVICE TO CONTROL DOMESTIC HOT WATER TEMPERATURE TO OWNER DESIRED OUTPUT TEMPERATURE. DISCHARGE AT FLOOR SINK WITH AIR GAP.
TP-1	WATER SAVER TRAP PRIMER	---	---	---	1/2"	---	---	PPP INC PR-500 TRAP PRIMER ASSEMBLY WITH DU DISTRIBUTION UNIT. EXTEND 1/2" TRAP PRIMER LINE TO FLOOR DRAIN AS INDICATED. CAP ANY UNUSED OUTLETS.
TP-2	ELECTRIC TRAP PRIMER	---	---	---	1/2"	---	---	PPP INC, PTS-4 PRIME-TIME ELECTRONIC TRAP PRIMER, 120-1-60 ELECTRIC SERVICE. FURNISH WITH AIR GAP FITTING AND DU DISTRIBUTION UNIT TO SERVE UP TO (5) FLOOR DRAINS. CAP ANY UNUSED OUTLETS.
TD	TRENCH DRAIN	3"	3"	2"	---	---	---	WADE "2920" CAST IRON MULTIPLE SECTION TRENCH DRAIN WITH INSIDE CAULK OUTLET AND FLANGE. FURNISH WITH SPECIAL DUTY (OVER 10,000 LBS) DUCTILE IRON LOOSE SET GRATES AND END CAPS. ALT. TRENCH DRAIN MANUFACTURER: J.R. SMITH. TOTAL LENGTH: 45FT.

NOTES

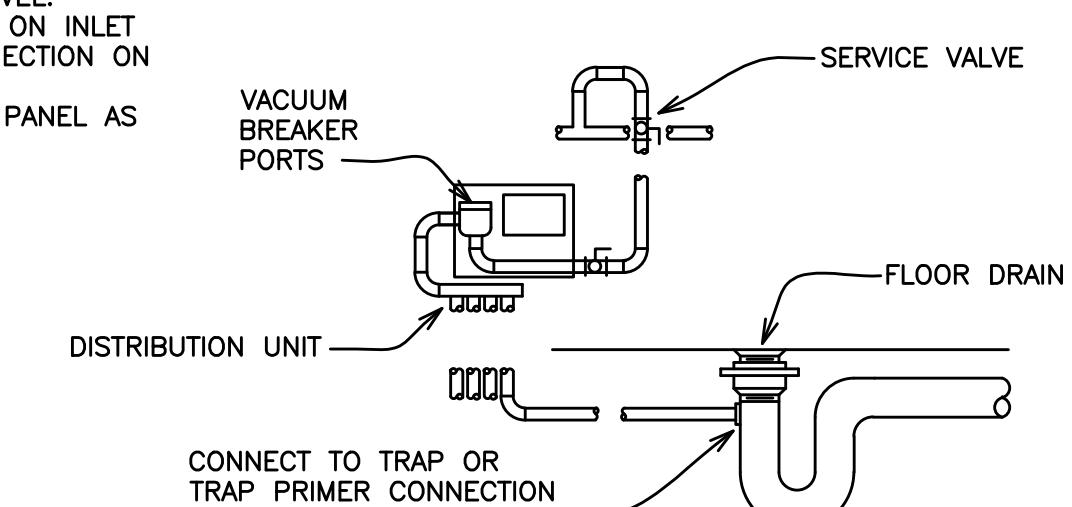
1. INSULATE ALL EXPOSED P-TRAPS AND ANGLE SUPPLIES ON HANDICAPPED LAVATORIES AND SINKS WITH TRUEBRO HANDI LAV-GUARD OR EQUAL.
2. PROVIDE AND INSTALL PISTON TYPE WATER HAMMER ARRESTORS AT ALL DOMESTIC WATER STUB-OUTS.
3. PROVIDE AND INSTALL 6" DEEP SEAL P-TRAPS FOR ALL FLOOR DRAINS, HUB DRAINS AND FLOOR SINKS.
4. ALL PLUMBING FIXTURES THAT REQUIRE VACUUM BREAKERS SUCH AS SERVICE SINKS, HOSE BIBBS, AND/OR SPECIAL EQUIP. SHALL BE SO EQUIPPED.
5. ALL HANDICAPPED PLUMBING FIXTURES SHALL BE SET TO "ADA" HEIGHT REQUIREMENTS. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT HEIGHTS.
6. ALL WATER HEATERS WITH 200,000 BTUH INPUT OR GREATER SHALL HAVE AN "A.S.M.E." RATED TANK.
7. CONTRACTOR SHALL VERIFY THAT ALL WATER HEATERS SHALL FIT IN THE SPACE PROVIDED AND THAT THE MANUF. RECOMMENDED SERVICE CLEARANCES ARE MAINTAINED.
8. PLUMBING CONTRACTOR SHALL CONFIRM ALL WATER AND DRAIN REQUIREMENTS FOR OWNER FURNISHED EQUIPMENT PRIOR TO ROUGH IN. EXTEND SERVICES AS REQUIRED.

PLUMBING SCHEDULE



NOTES:

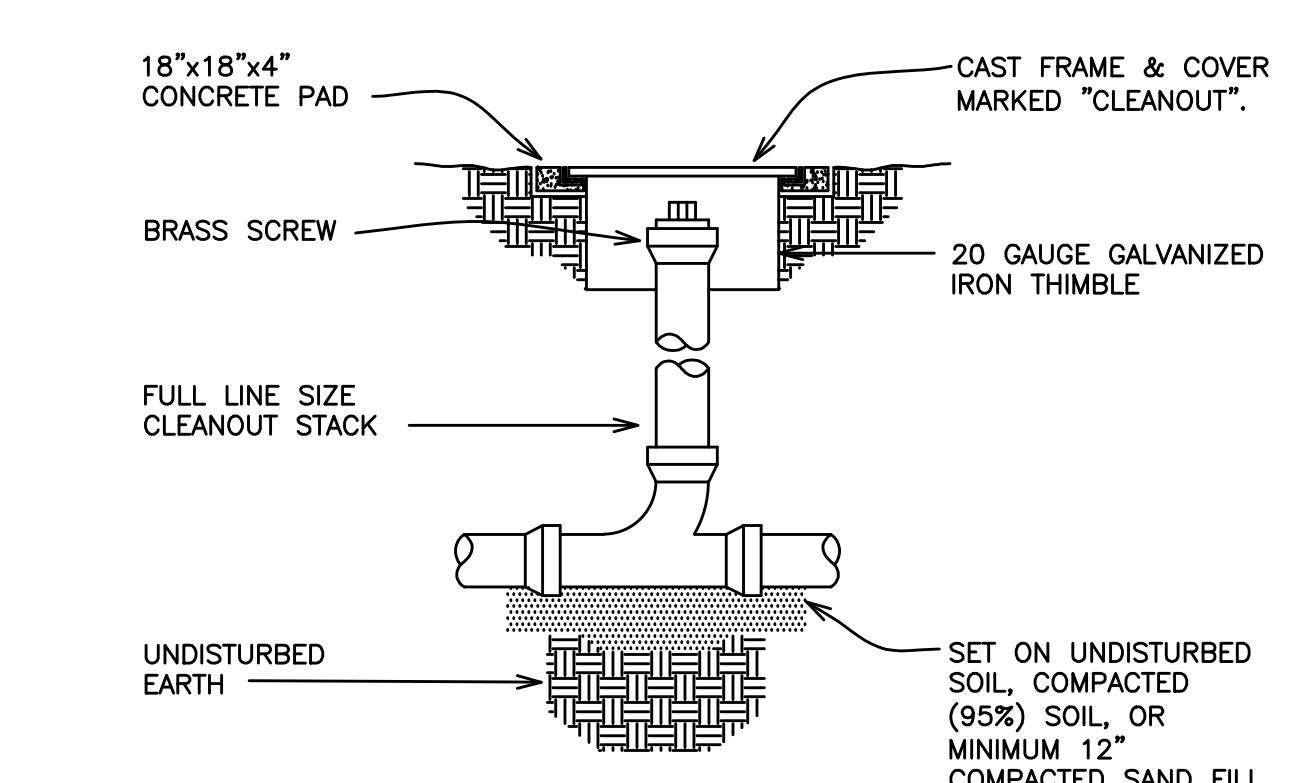
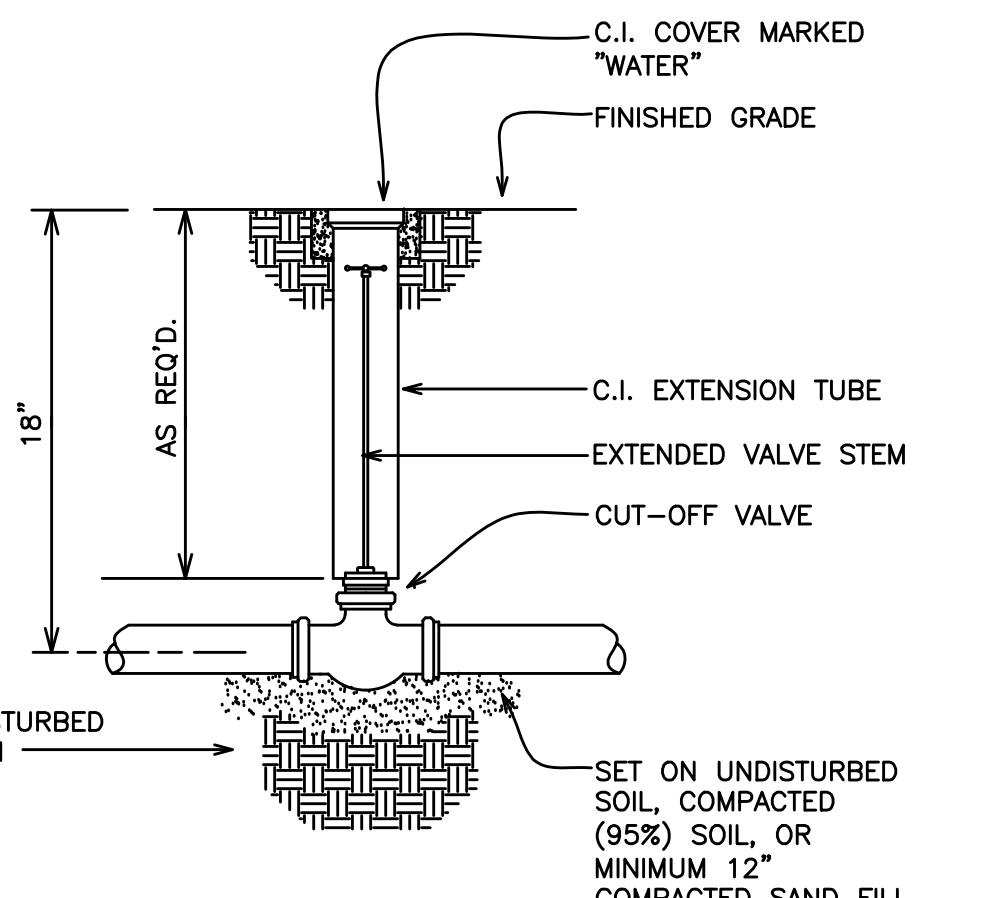
1. MINIMUM 12" OFF FLOOR.
2. TRAP PRIMER LINE
CONTINUOUS SLOPE TO
DRAIN.
3. INSTALL VALVE LEVEL.
4. SHUT-OFF VALVE ON INLET
AND UNION CONNECTION ON
OUTLET SIDE.
5. PROVIDE ACCESS PANEL AS
REQUIRED.



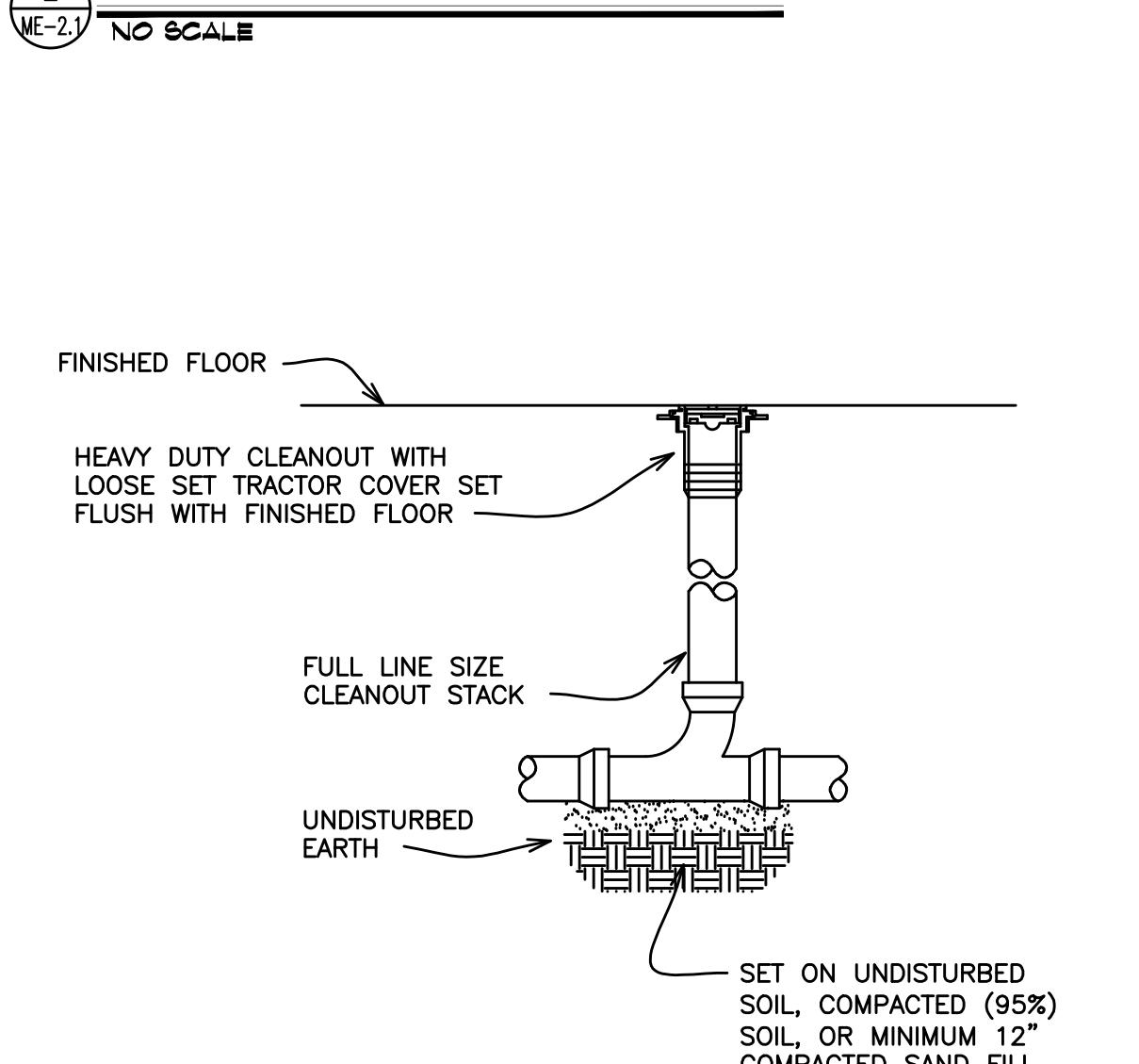
6 FLOOR SINK DETAIL



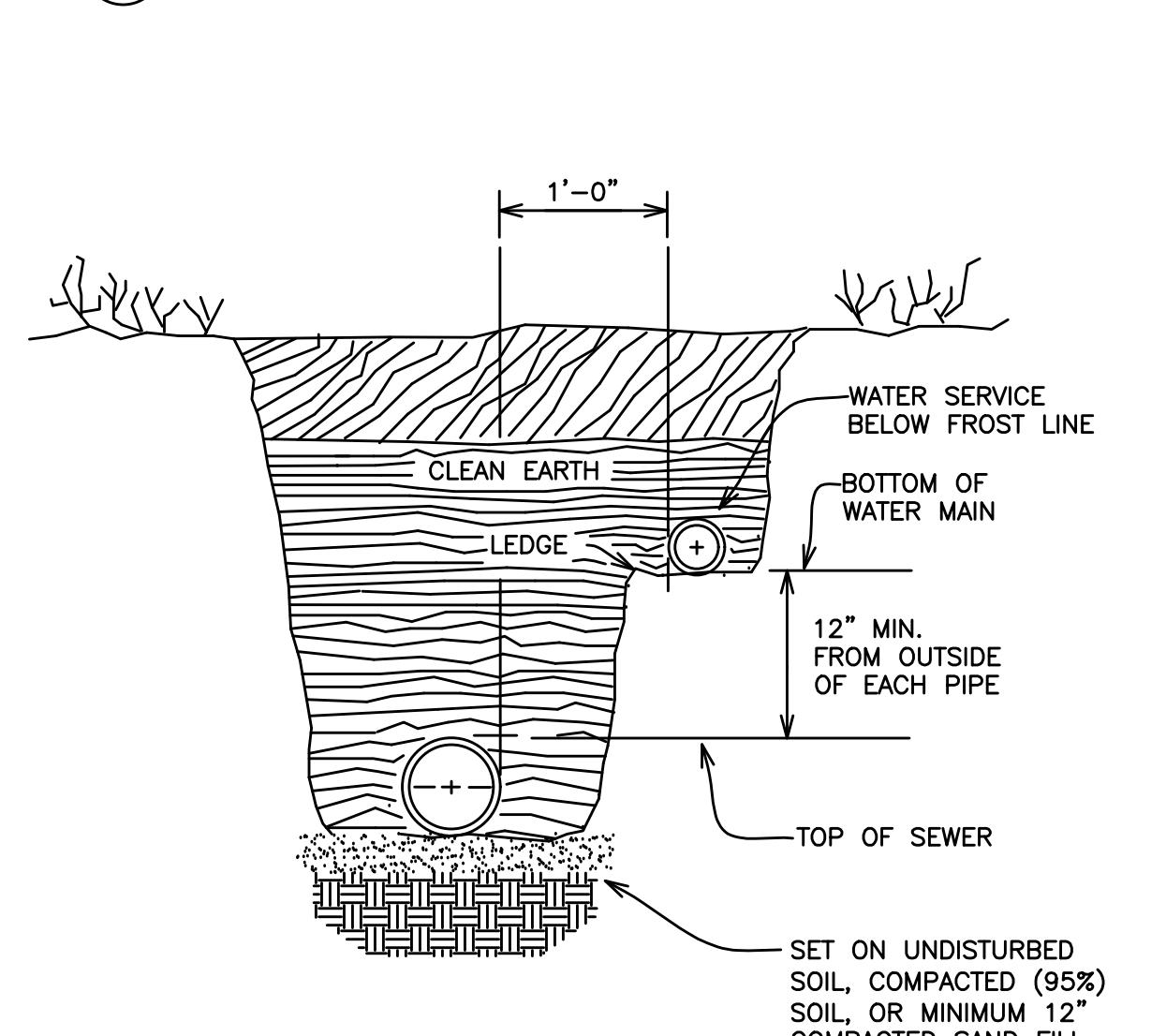
COLD WATER TRAP PRIMER DETAIL



2 VALVE BOX DETAIL



③ OUTSIDE CLEANOUT DETAIL



4 FLOOR CLEANOUT DETAIL



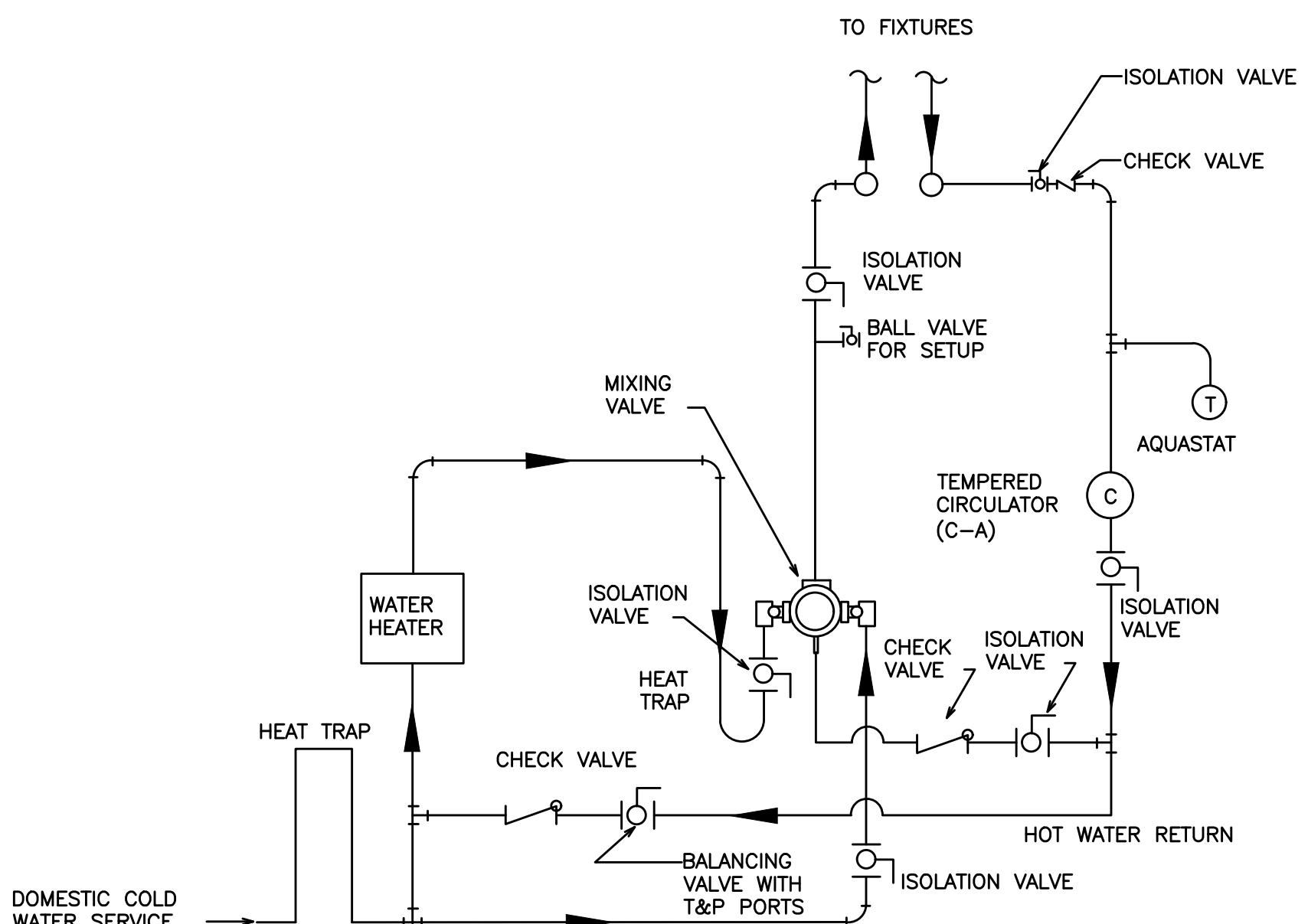
5 PIPE TRENCH DETAIL



— PLUMBING DETAILS.dwg
20:58 AM

- PLUM
20:58 AM

DRAWING NAME:190007 - ME-2.2
SAVED:Friday, February 8, 2019 8:2

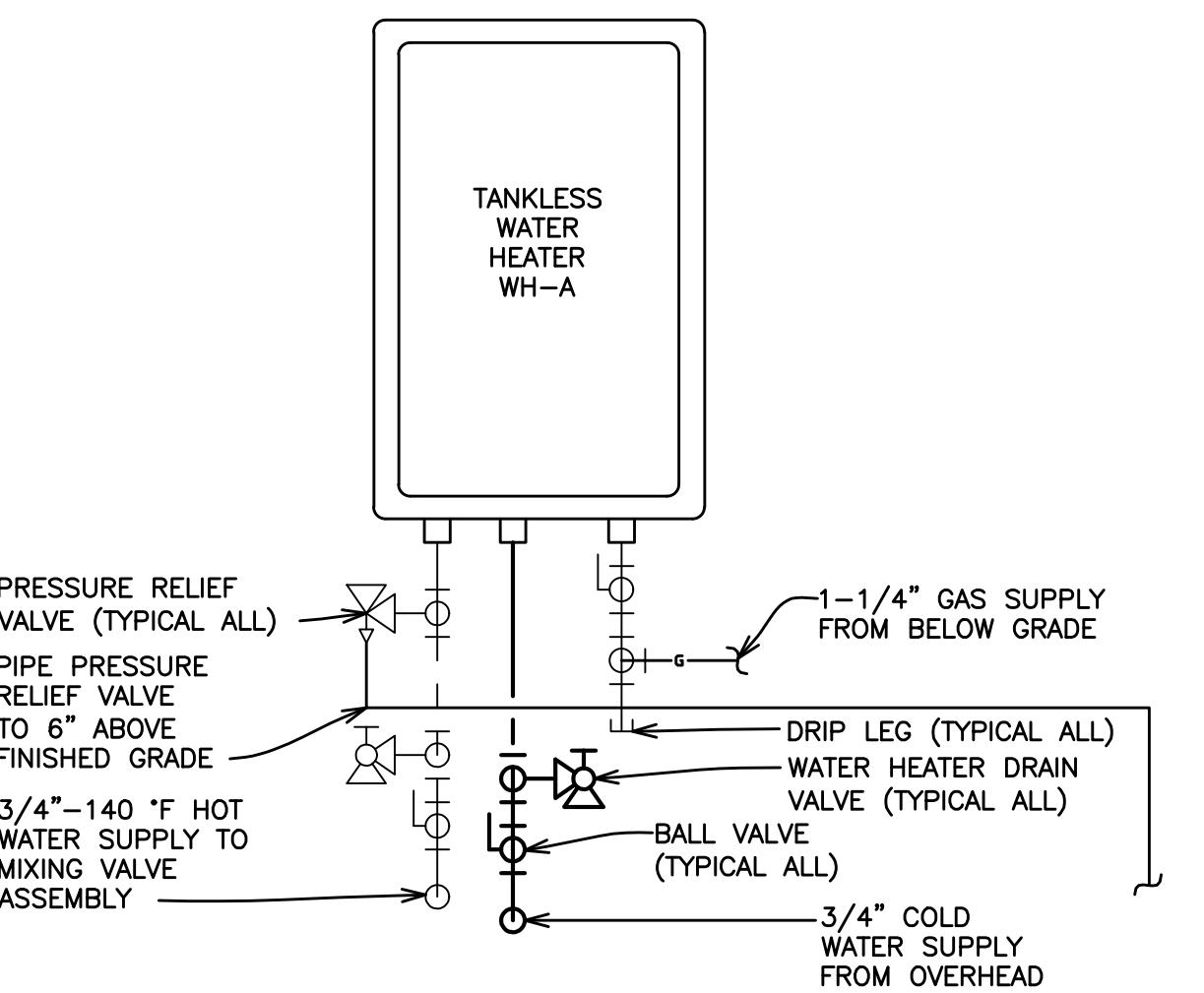


1

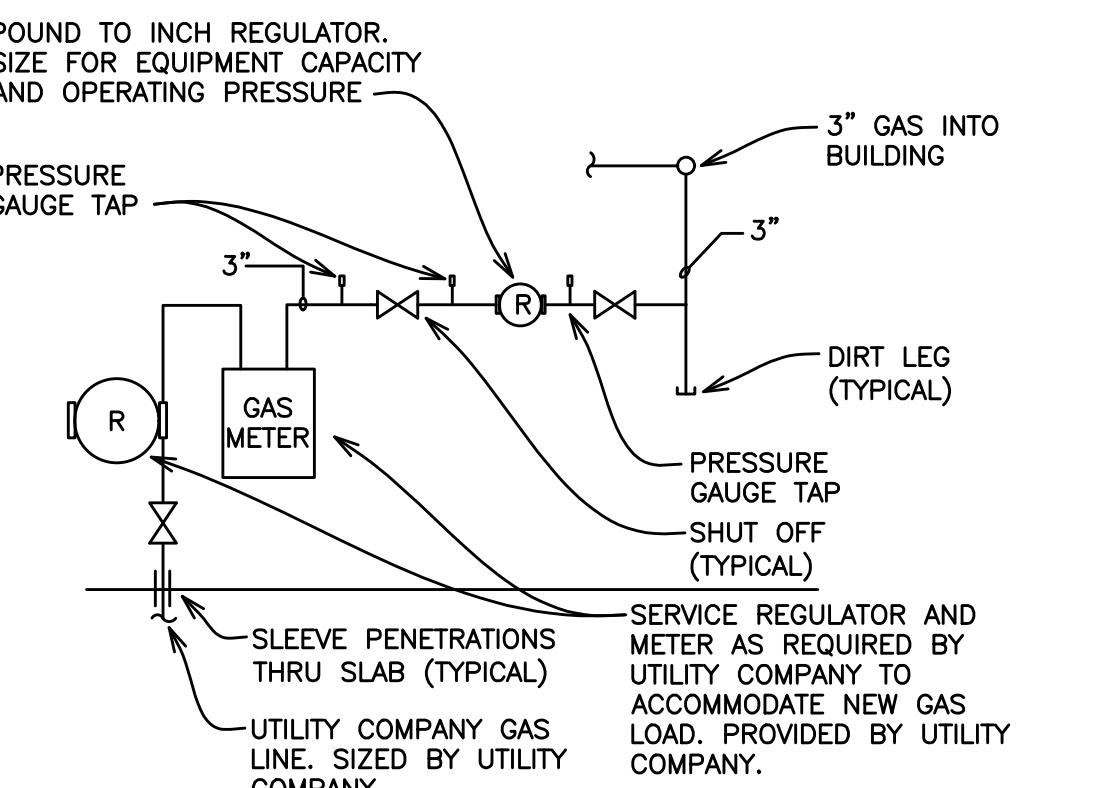
ME-2.2

MIXING VALVE DETAIL

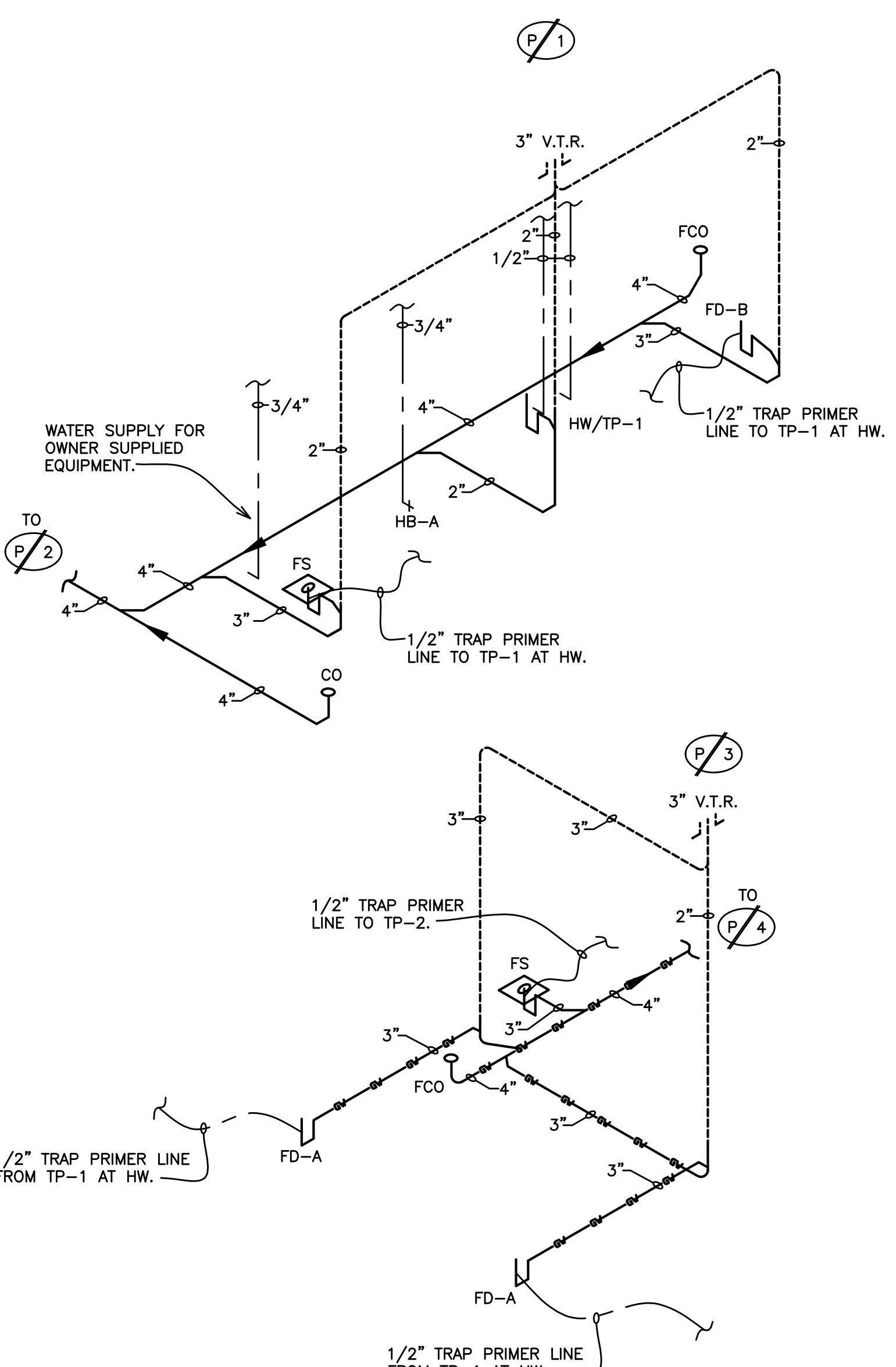
NO SCALE



2
-2.2 **WATER HEATER DETAIL (WH-A)**
NO SCALE



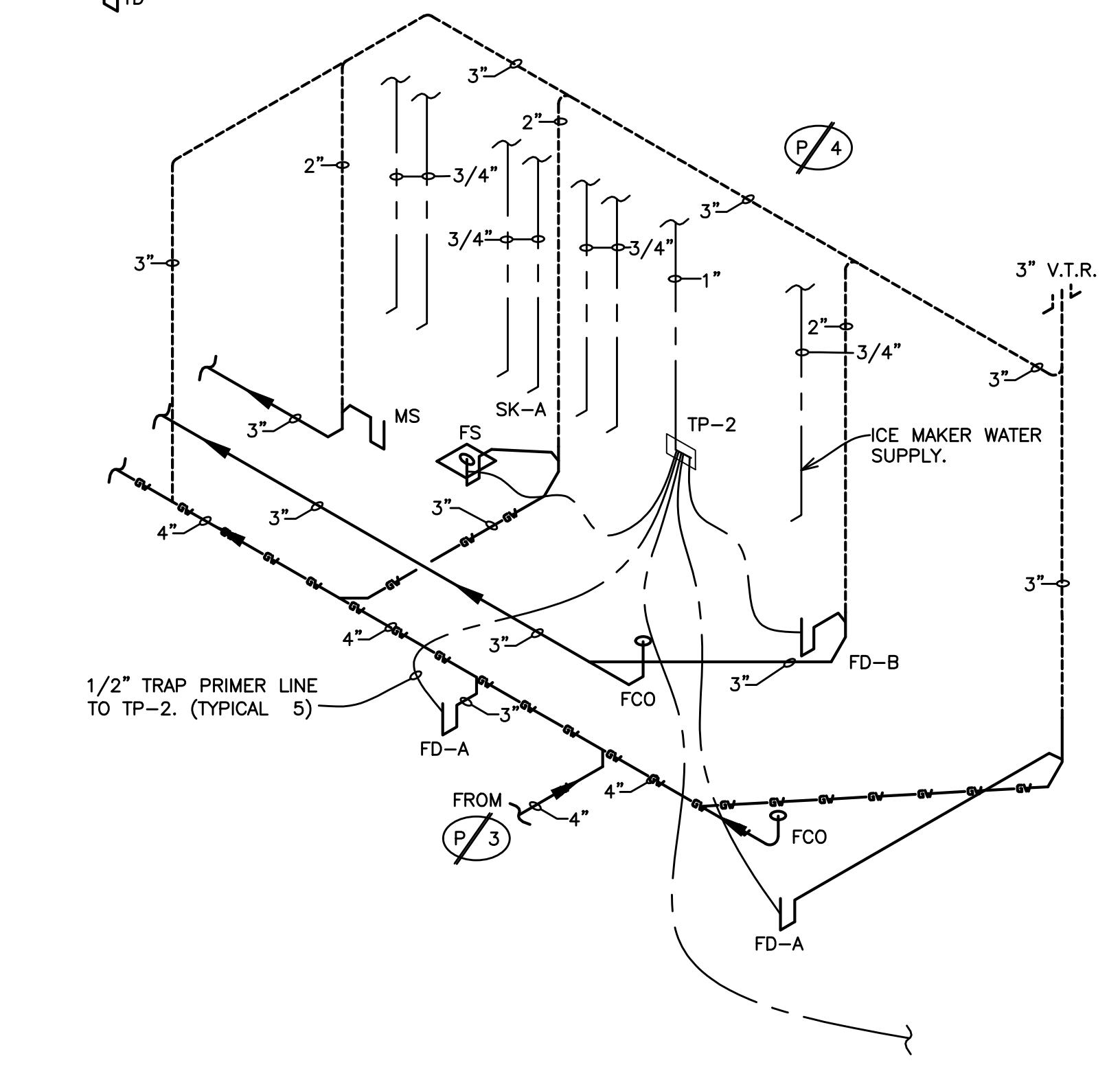
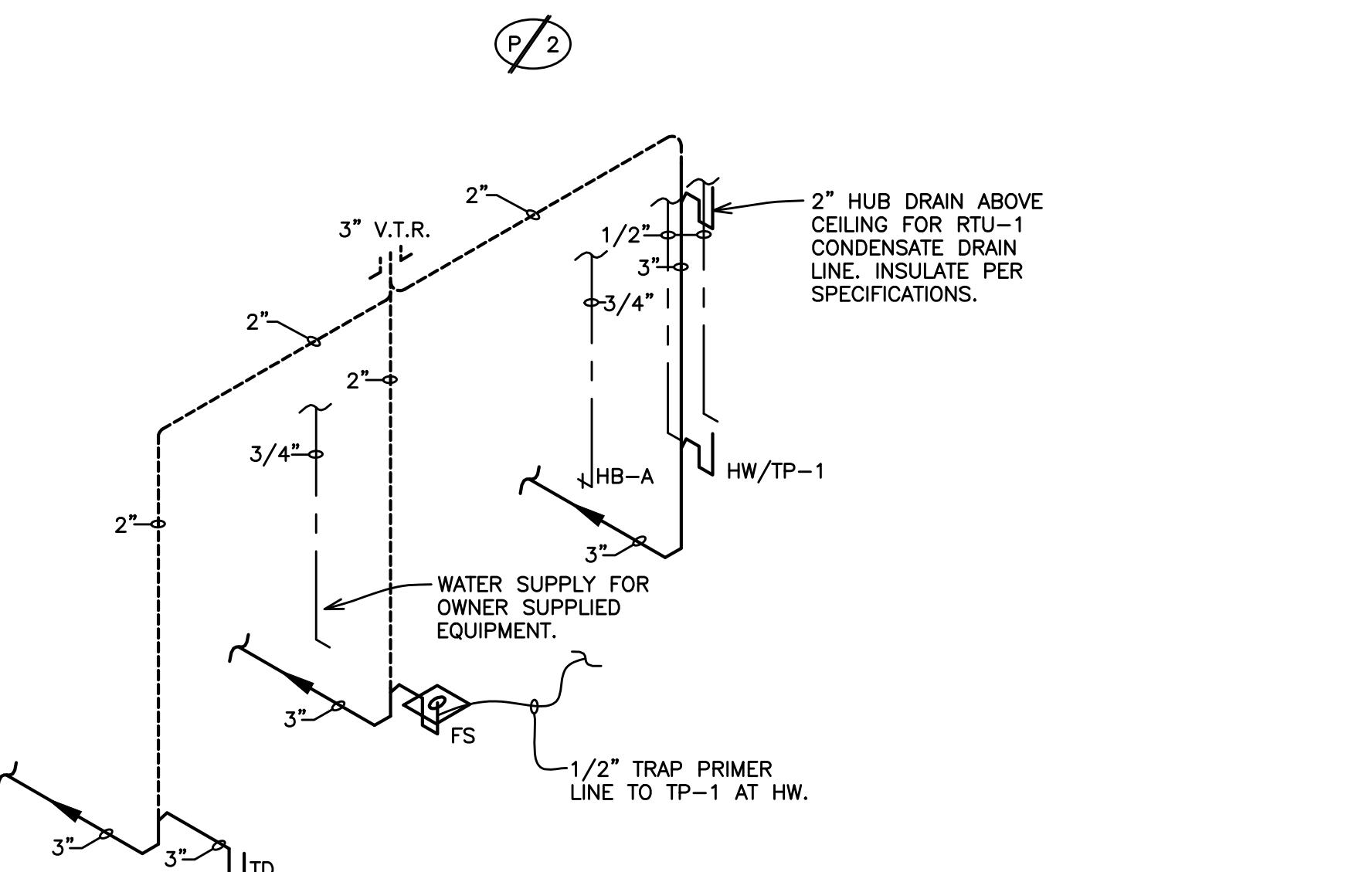
3
ME-2.2 **GAS METER DETAIL**
NO SCALE



4
ME-2.2

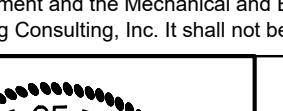
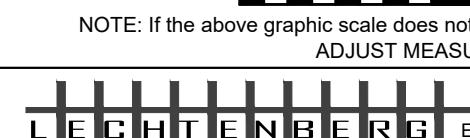
PLUMBING RISERS

NO SCALE



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	<div style="text-align: center;"> <p>Graphic Scale</p>  <p>0 1/8" Divisions 1" 2" 1/10" Divisions 3"</p> <p>NOTE: If the above graphic scale does not measure as noted, the drawing is not printed to scale. ADJUST MEASUREMENTS ACCORDINGLY</p> </div>
 <p>LECHTENBERG <i>Consulting Inc.</i></p> <p>ELECTRICAL, MECHANICAL, & PROJECT ENGINEERING</p>	
<p>Project Number: 18-019</p> <p><i>Home Office</i> P.O. Box 6483, Lake Charles, LA. 70606 337.474.3647 Louisiana Firm License #2618 Fax 337.474.5757</p> <p><i>Branch Office</i> 7999 Gladys Ave. Suite 101B, Beaumont, TX. 77706 409.860.9226 Texas Firm License #3228</p>	

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ARCHITECTURAL GROUP, INC.

DATE SIGNED	
12.31.2019	
REGISTRATION	EXPIRATION DATE

GLADYS AVENUE - SUITE 101
BEAUMONT, TEXAS 77710
PHONE (409) 860-0191
FAX (409) 860-0198
WWW.LABICHE.COM

ARCHITECTURAL ARTICLE, INC.

A black and white photograph of a construction site. In the foreground, a large sign reads 'CONCESSION STAND'. To the left of the sign, a smaller sign says 'NEW CONSTRUCTION'. To the right, another sign points towards 'FORD PARK'. The background shows a grid of construction equipment and materials.

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ABS	
PROJECT NUMBER	
15036	
DOCUMENT RELEASE DATES	
1	BIDS & CONSTRUCTION - 3/15/
2	
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DRAWING NAME:190007 - ME-3.0 - MECHANICAL FLOOR PLAN.dwg
SAVED:Wednesday, March 13, 2019 7:52:06 AM

1 MECHANICAL FLOOR PLAN

ME-3.0 **SCALE:** $1/4'' = 1'-0''$

0 5'1" 2" 4"



GRAPHIC SCALE: $1/4'' = 1'-0''$

NOTE:
THE CONTRACTOR MAY SCALE THESE DRAWINGS.
HOWEVER, THE CONTRACTOR SHALL BE RESPONSIBLE FOR
VERIFICATION OF ALL DIMENSIONS, PLAN SCALE, AND SITE
CONDITIONS BEFORE BIDDING AND DURING CONSTRUCTION.

MECHANICAL GENERAL NOTES:

THE FOLLOWING IS A BRIEF DESCRIPTION OF WORK SPECIFIC TO CERTAIN ASPECTS OF THIS PROJECT. THIS IS NOT INTENDED TO BE A COMPREHENSIVE SUMMARY OF WORK. PROSPECTIVE BIDDERS/CONTRACTORS SHALL REVIEW ALL CONSTRUCTION DRAWINGS, SPECIFICATIONS AND SITE CONDITIONS AND MAKE ALLOWANCES FOR ALL WORK INCLUDED HEREIN AND ANY ADDITIONAL WORK REQUIRED TO COMPLETE THIS PROJECT. MEANS AND METHODS FOR THE PROPER INSTALLATION OF THIS WORK IS STRICTLY THE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND HIS SUB-CONTRACTORS.

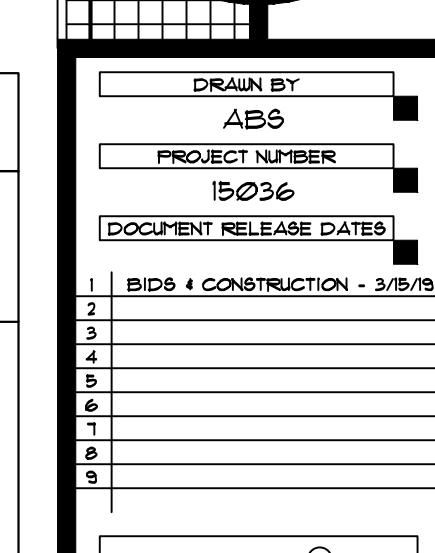
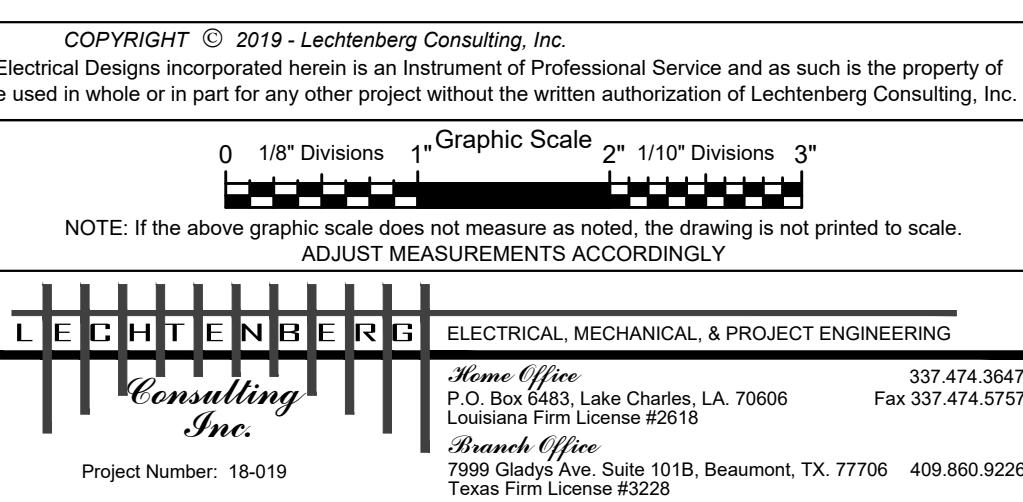
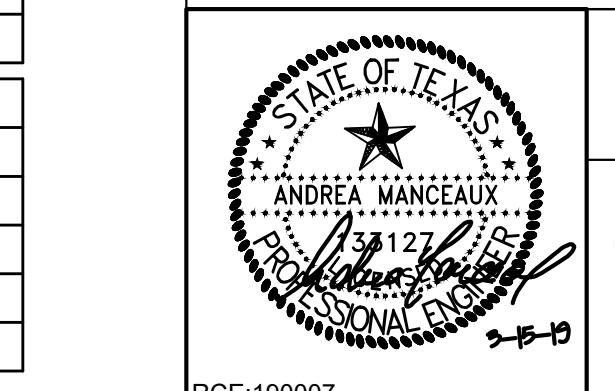
1. MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE ROUTING OF ALL DUCTWORK WITH THE STRUCTURE AND OTHER TRADES AS CONDITIONS ALLOW. RE-ROUTE DUCTWORK AS NECESSARY TO AVOID CONFLICT. TRANSITION UP/DOWN TO AVOID OTHER TRADES AS NECESSARY.
2. INSTALL AT EACH DUCT TAKEOFF AN ADJUSTABLE VOLUME DAMPER IN AN ACCESSIBLE LOCATION.
3. CONTRACTOR SHALL COORDINATE SPACE REQUIREMENTS AND SERVICE CLEARANCES FOR ALL EQUIPMENT PRIOR TO SUBMITTING SHOP DRAWINGS.
4. MECHANICAL CONTRACTOR SHALL PROCURE THE SERVICES OF AN INDEPENDENT AABC, TABB OR NEBB CERTIFIED TEST AND BALANCE AGENCY. TAB AGENCY SHALL PERFORM AN INITIAL SMOKE/ PRESSURE LEAK TEST ON ALL DUCTWORK ONCE ALL SHEETMETAL DUCTWORK HAS BEEN INSTALLED. A FINAL BALANCE REPORT OF ALL HVAC SYSTEMS (INCLUDING SUPPLY/ RETURN TRAVERSSES) AND EXHAUST FANS SHALL BE PROVIDED TO ARCHITECT/ ENGINEER UPON COMPLETION OF PROJECT. ALL REPORTS SHALL MEET AABC/NEBB STANDARDS. REFER TO SPECIFICATIONS FOR COMPLETE TEST AND BALANCE REQUIREMENTS.
5. COORDINATE FRESH AIR INLETS WITH EXHAUST OUTLETS AND PLUMBING VENTS TO MAINTAIN A 10'-0" SEPARATION.
6. TRANSITION SUPPLY AND RETURN DUCTWORK TO FANS AND ROOFTOP UNITS WITH SMOOTH TRANSITIONS PER SMACNA STANDARDS AS NECESSARY. DUCTWORK CONNECTIONS TO EQUIPMENT SHALL BE MADE WITH FLEXIBLE CONNECTIONS.
7. ALL EXPOSED PIPING, DUCTS, HANGERS, SUPPORTS, ETC RUN THROUGH FINISHED SPACES OR EXPOSED AT EXTERIOR SHALL BE PRIMED AND PAINTED COLOR AS SELECTED BY ARCHITECT.
8. FURNISH AND INSTALL ACCESS PANELS WHERE VALVES, DAMPERS, EQUIPMENT, ETC. ARE CONCEALED OR INACCESSIBLE. ACCESS PANELS SHALL BE PRIMED AND PAINTED COLOR AS SELECTED BY ARCHITECT.
9. ALL CONCEALED HVAC DUCTWORK SHALL BE GALVANIZED STEEL, GAUGE PER SMACNA GUIDELINES. SNAP LOCK PIPE IS ACCEPTABLE. SEAL ALL SEAMS AND JOINTS WITH MASTIC. FLEX DUCT SHALL BE LIMITED TO 5FT, REFERS TO SPECIFICATIONS.
10. PROVIDE ONE SET OF CLEAN FILTERS AT COMPLETION OF PROJECT PRIOR TO TURNING OVER TO OWNER. CONSTRUCTION FILTERS SHALL BE USED DURING DURATION OF PROJECT TO PROTECT DUCTWORK AND EQUIPMENT. DO NOT OPERATE EQUIPMENT UNLESS BUILDING HAS BEEN THOROUGHLY CLEANED.
11. CONTRACTOR SHALL BE RESPONSIBLE FOR PREPARING SUBMITTAL PACKAGE (INCLUDING CHECK) FOR KITCHEN HOOD SUBMITTAL TO THE STATE FIRE MARSHAL. SUBMIT THROUGH PROFESSIONAL OF RECORD (MECHANICAL ENGINEER).
12. ALL KITCHEN HOOD EXHAUST DUCTWORK SHALL BE 16 GAUGE BLACK IRON WITH WELDED SEAMS AND JOINTS PER NFPA 96. INSULATE EXHAUST DUCT FOR 0" CLEARANCE TO COMBUSTIBLES.
13. COORDINATE ALL ROOF PENETRATIONS WITH ROOFING CONTRACTOR FOR A WATERTIGHT INSTALLATION.
14. DUCTWORK SHALL RUN WITHIN STRUCTURE WHERE THERE IS SPACE AVAILABLE WHEN CROSSING OVER OTHER DUCTWORK.

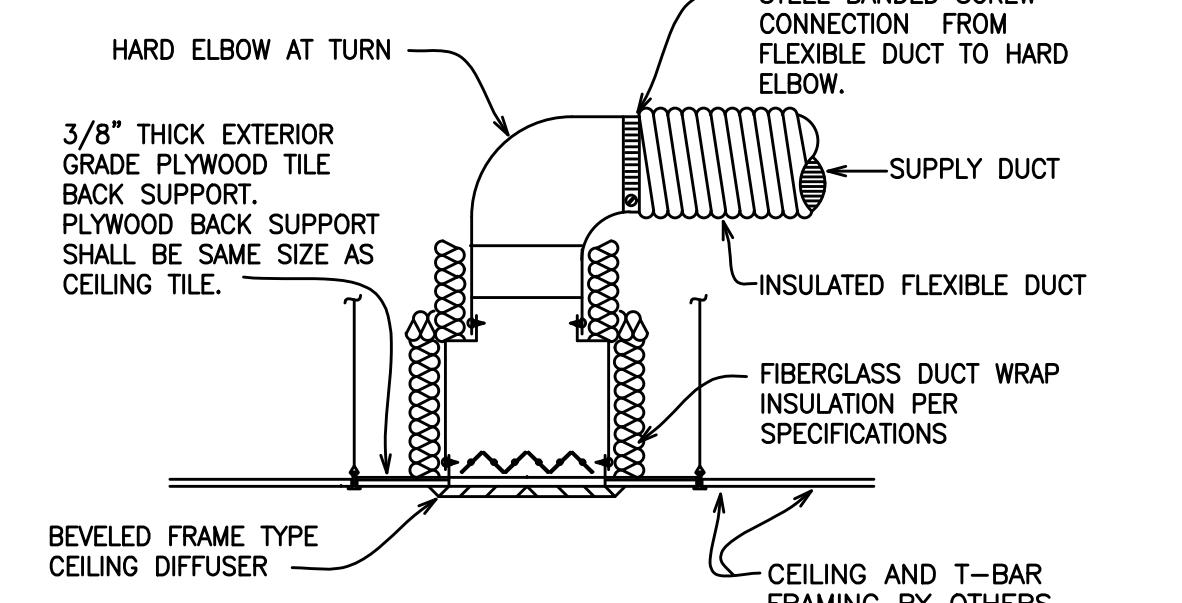
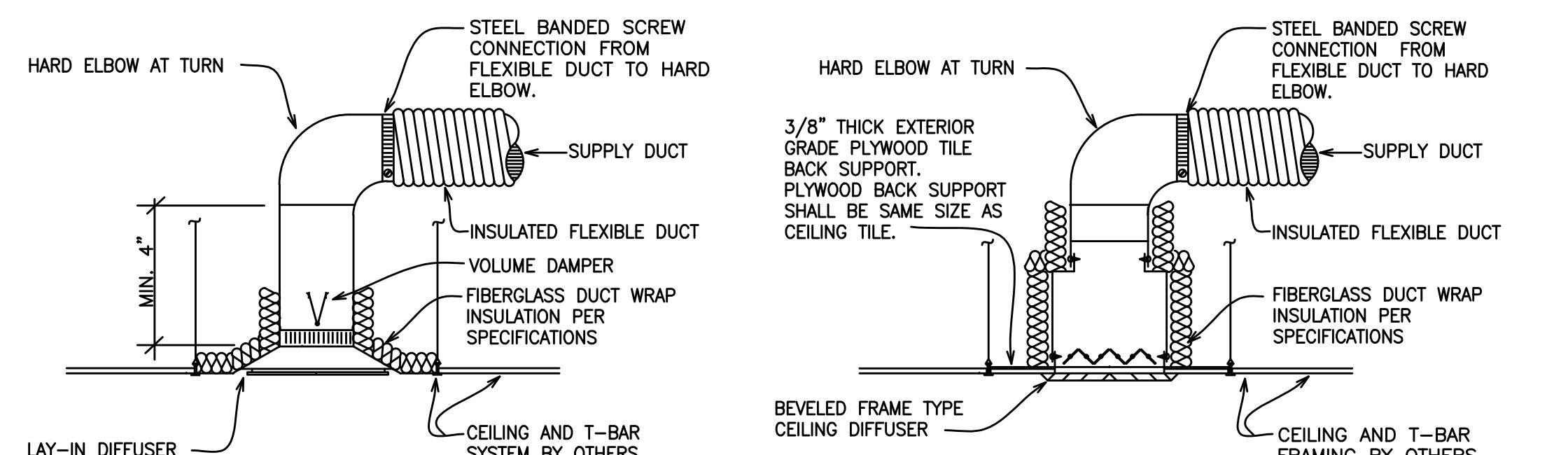
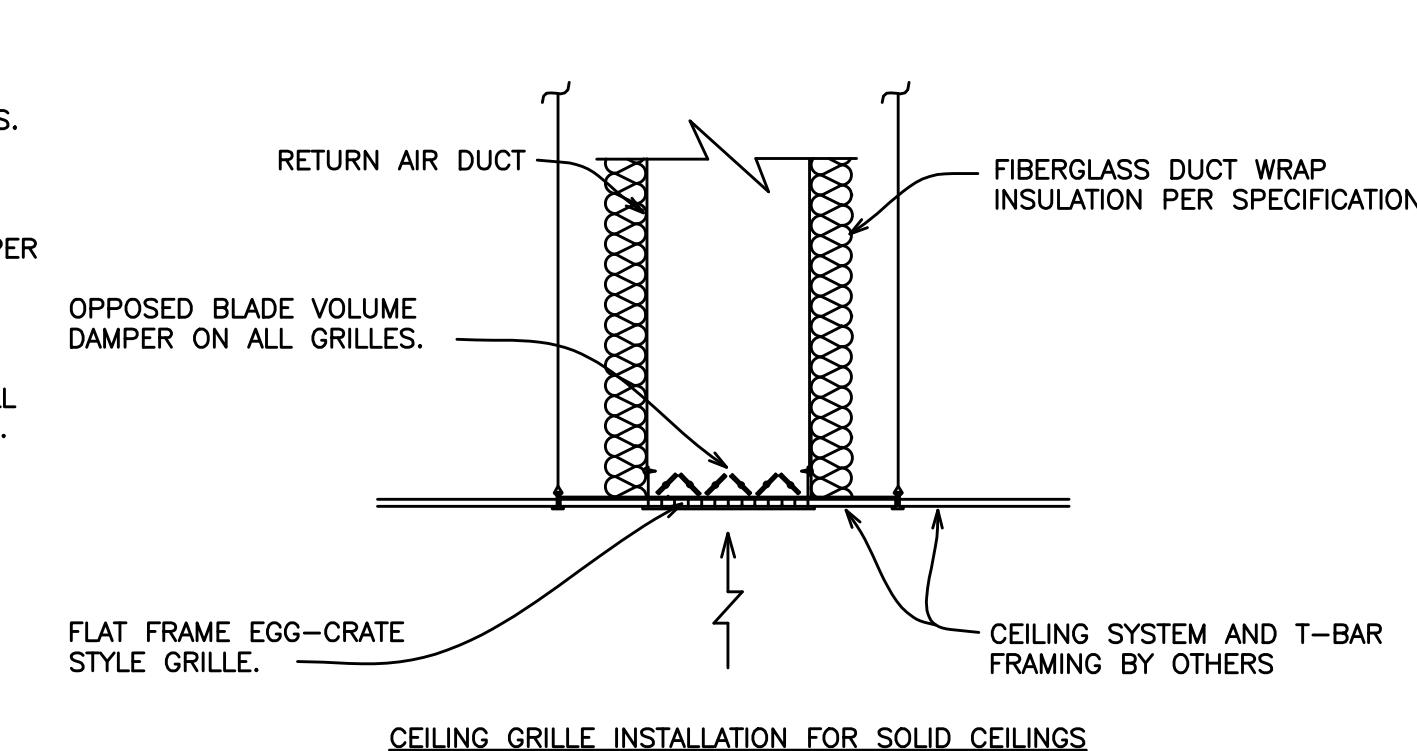
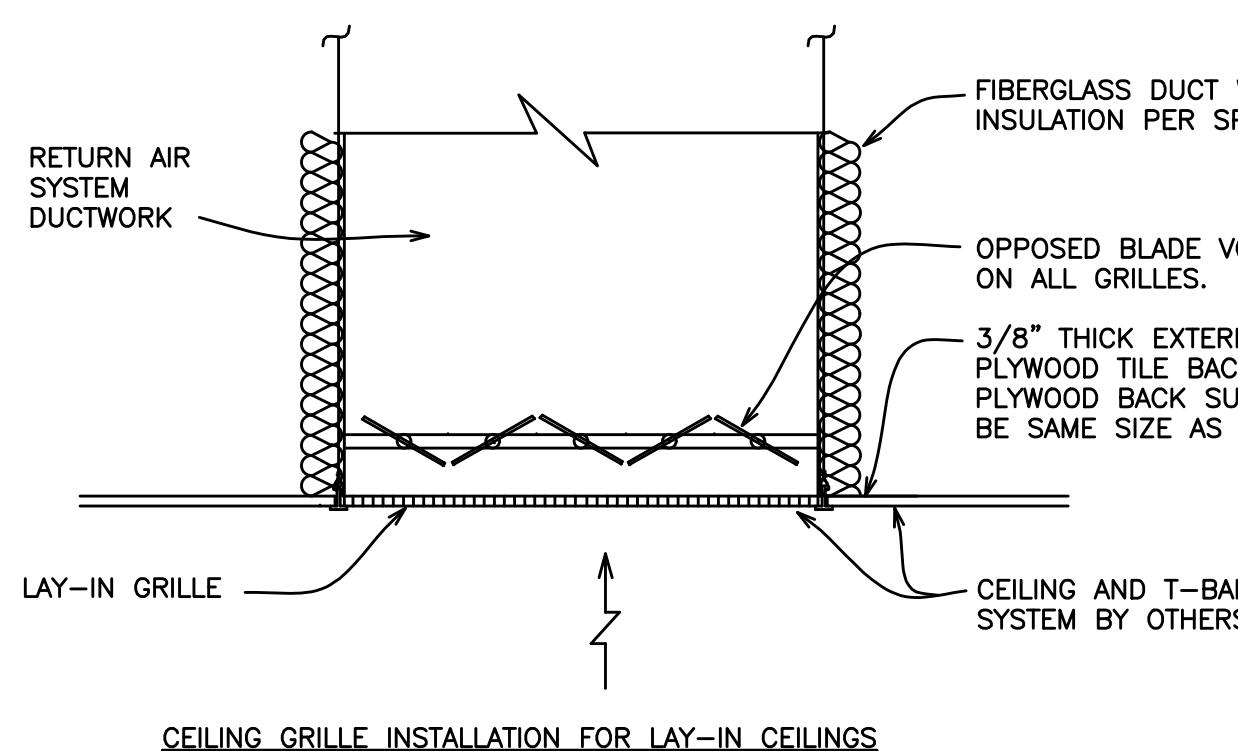
BRIEF PROJECT SCOPE:

THE FOLLOWING IS A BRIEF DESCRIPTION OF WORK SPECIFIC TO CERTAIN ASPECTS OF THIS PROJECT. THIS IS NOT INTENDED TO BE A COMPREHENSIVE SUMMARY OF WORK. PROSPECTIVE BIDDERS/CONTRACTORS SHALL REVIEW ALL CONSTRUCTION DRAWINGS, SPECIFICATIONS AND SITE CONDITIONS AND MAKE ALLOWANCES FOR ALL WORK INCLUDED HEREIN AND ANY ADDITIONAL WORK REQUIRED TO COMPLETE THIS PROJECT.

1. THE CONTRACTOR SHALL VISIT THE PROJECT SITE TO DETERMINE THE EXACT CONDITIONS WHICH WILL AFFECT THE SCOPE OF HIS WORK. THE CONTRACTOR SHALL INCLUDE ALL LABOR AND MATERIALS IN HIS WORK AS REQUIRED TO INSTALL WORK SHOWN ON THIS PLAN.
2. THE CONTRACTOR SHALL REVIEW THE MECHANICAL PLANS (HVAC) TO DETERMINE THE EXTENT OF THE WORK REQUIRED TO INSTALL THE HVAC SYSTEM(S) AS SHOWN ON THE PLANS. THE CONTRACTOR SHALL REALIZE THESE PLANS ARE DIAGRAMMATIC AND AS SUCH INSTALL ALL SYSTEM(S) COMPLETE WHERE INDICATED ON THE PLANS. THE PLANS ATTEMPT TO SHOW ALL CONDITIONS FOR INSTALLATION, HOWEVER, THE CONTRACTOR SHALL ACCOMMODATE ALL CONDITIONS WHICH AFFECT THE INSTALLATION WHETHER OR NOT SHOWN. THE CONTRACTOR SHALL SUBMIT EQUIPMENT SUBMITTALS FOR REVIEW FOR ORDERING PURPOSES AND SHALL SUBMIT INSTALLATION SUBMITTAL DRAWINGS, FOR ALL EQUIPMENT SHOWING THE CONDITIONS OF INSTALLATION PER ALL DRAWINGS AND TRADE.
3. WHEN QUESTIONS ARISE DURING THE PROJECT THE CONTRACTOR SHALL SUBMIT A REQUEST FOR INFORMATION (RFI). THE CONTRACTORS SHOULD REALIZE THAT RFI'S CANNOT AND WILL NOT BE ANSWERED INSTANTLY DUE TO THE TIME OF ROUTING FROM THE POINT OF THE QUESTION TO THE POINT OF THE ANSWER AND BACK (MINIMUM OF 14 WORKING DAYS). THEREFORE RFI'S SHOULD BE SENT WHEN THE QUESTION IS NOT TIME SENSITIVE. TIME SENSITIVE QUESTIONS SHOULD BE HANDLED BY PHONE CALL FOR IMMEDIATE RESPONSE AND FOLLOWED WITH APPROPRIATE DOCUMENTATION OF THE QUESTION AND ANSWER GIVEN.
4. THE SUB-CONTRACTOR(S) FOR THE MECHANICAL SYSTEMS SHALL SUBMIT ALL SHOP DRAWINGS PER THE MECHANICAL SPECIFICATIONS IN DIVISION 23 GENERAL PROVISIONS SECTION. ALL SHOP DRAWINGS SHALL BE SUBMITTED WITHIN 30 DAYS OF THE GENERAL CONTRACTOR RECEIVING THE CONTRACTORS CONTRACT FROM THE OWNER (EXCEPT DUCTWORK SHOP DRAWINGS-45 DAYS). SUBMITTALS TAKE APPROXIMATE 30 WORKING DAYS FOR REVIEW AND RETURN BACK TO THE SUBMITTING SUB-CONTRACTOR . ON LONG LEAD TIME, EQUIPMENT SUBMITTAL, THE SUBMITTALS WILL BE EXPEDITED BY SPECIAL PROCEDURE TO BE DETERMINED AT TIME OF SUBMITTAL.
5. THE SUB-CONTRACTOR SHALL BE AWARE THAT PAINTING OF PIPE AND EQUIPMENT IS CALLED FOR IN THE PLANS AND IN THE SPECIFICATIONS. IT IS THE RESPONSIBILITY OF THE SUB-CONTRACTORS INSTALLING THE SYSTEMS ON THESE PLANS TO HAVE THE PAINTING PROVIDED. REFER TO SPECIFICATIONS.
6. THE SUB-CONTRACTORS FOR THE SYSTEMS ON THESE PLANS SHALL BE RESPONSIBLE FOR COORDINATION WITH ALL TRADES AND TO AVOID CONFLICT. COORDINATE ALL ELECTRICAL REQUIREMENTS PRIOR TO MAKING THE SHOP DRAWING SUBMITTALS. WHEN CONFLICTS OCCUR AND THE CONFLICT IS NOT RESOLVED BY THE GENERAL CONTRACTOR OR BETWEEN THE SUB-CONTRACTORS, THE ARCHITECT/ENGINEER SHALL ADVISE ON THE RESOLUTION OF THE CONFLICT WITHOUT ADDITIONAL COST TO THE OWNER. CONFLICTS ARE AVOIDED BY PROPER COORDINATION OF WORK.

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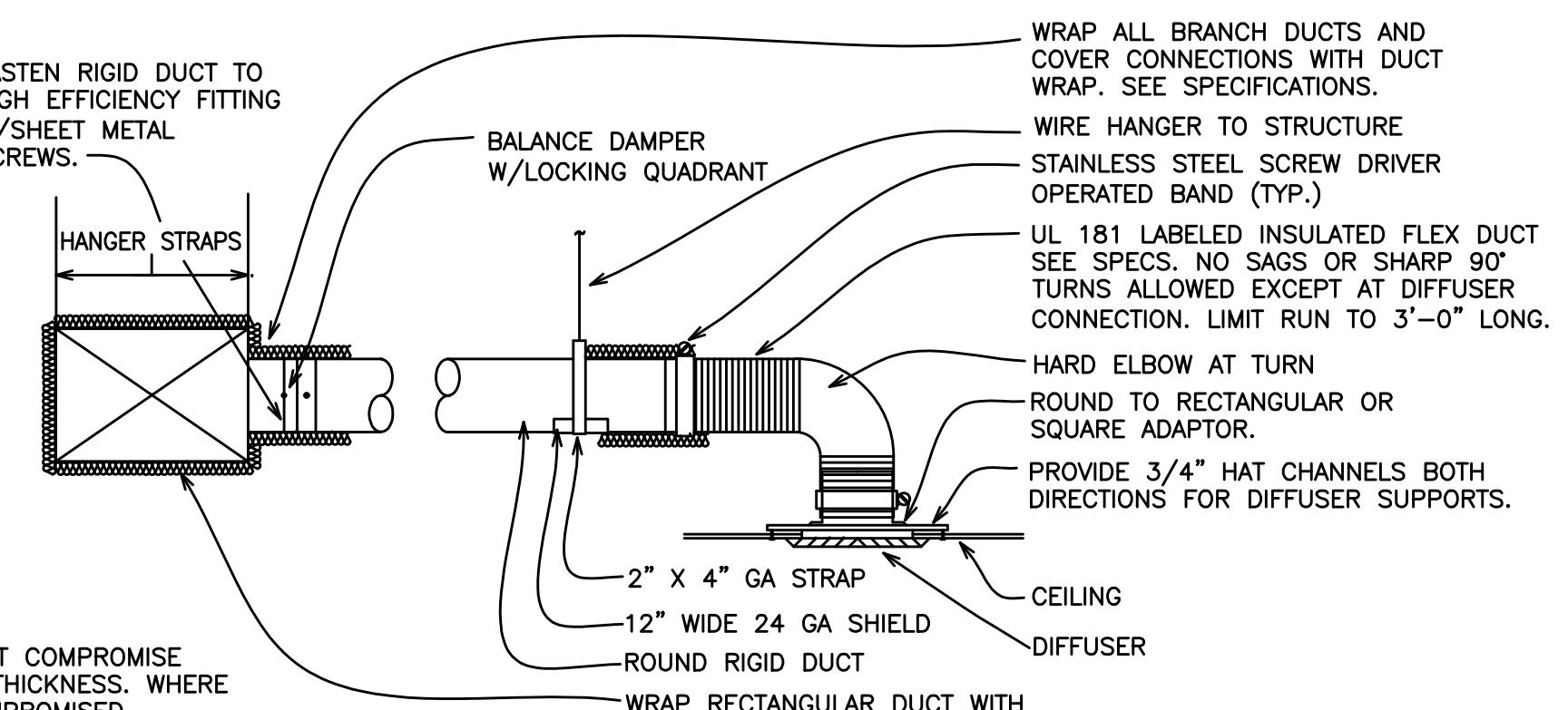


NOTE:
ALL CEILING GRILLES SHALL BE MOUNTED TIGHT TO THE CEILING
AND BE FURNISHED WITH SUITABLE FRAMES FOR TYPE OF
CEILING USED.

NOTE:
ALL OUTLETS SHALL BE MOUNTED TIGHT TO THE
CEILING AND SHALL BE FURNISHED WITH A SUITABLE
FRAME FOR THE TYPE OF CEILING USED.

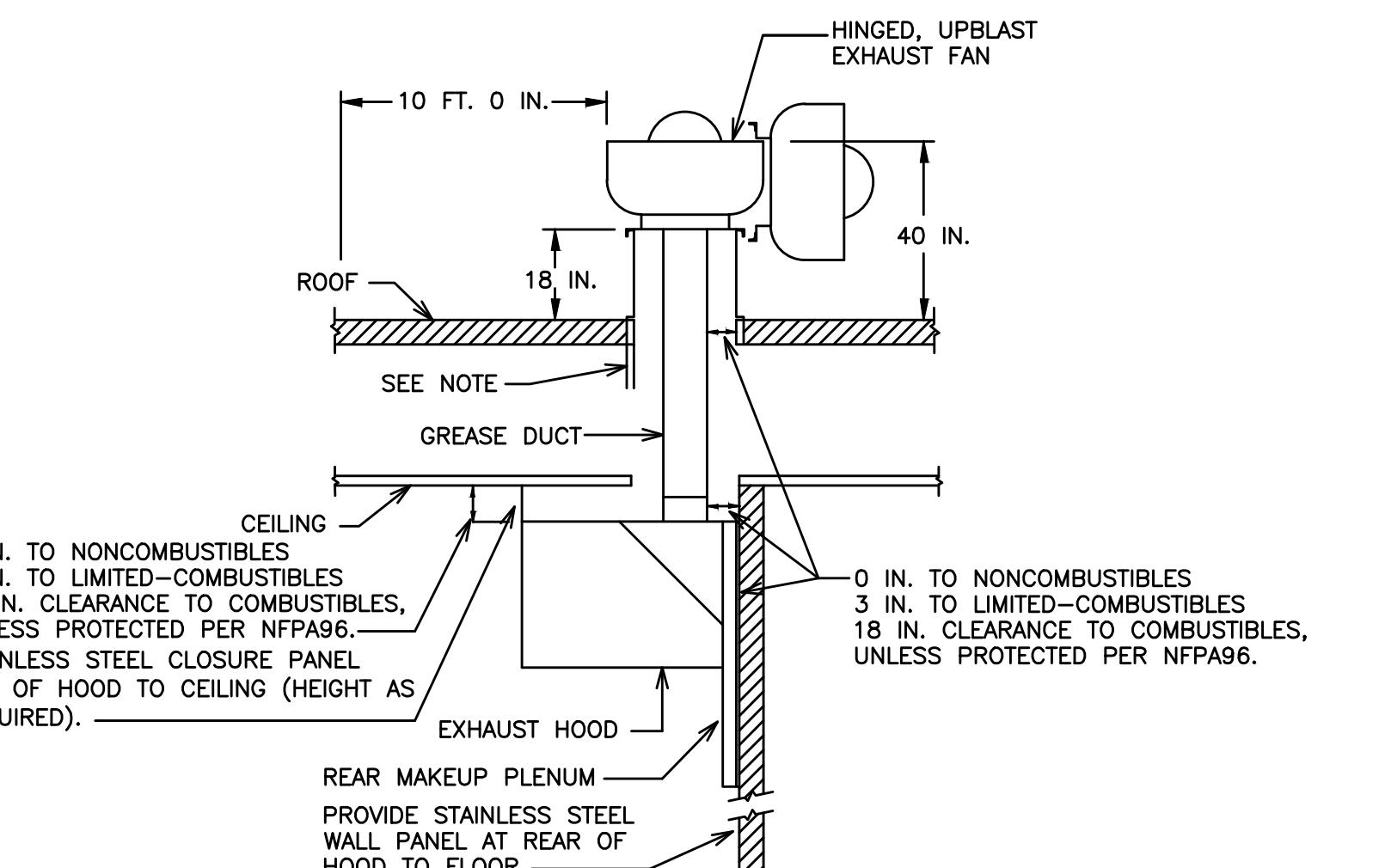
**CEILING GRILLE
INSTALLATION DETAIL**

ME-3.1
NO SCALE



NOTE:
HANGER SHALL NOT COMPROMISE
DUCT INSULATION THICKNESS. WHERE
INSULATION IS COMPROMISED,
CONTRACTOR SHALL INSULATE ON TOP
OF HANGERS WITH AN ADDITIONAL
LAYER OF DUCT WRAP.

NOTES:
1. IN AREAS WHERE FIRE DAMPERS ARE
REQUIRED, PROVIDE DEEP ROUND TO
RECTANGULAR OR SQUARE ADAPTER AND
BUILD GYPSUM BOARD ENCLOSURE.
2. NO POP RIVETS ALLOWED.
3. PROVIDE SUPPORT ON ALL BRANCH
DUCT RUNOUTS. MINIMUM OF TWO
SUPPORTS ON BRANCH DUCTS OVER
6'-0" IN LENGTH.
4. DO NOT LINE DUCTWORK.



NOTE: ENCLOSURE IS NOT REQUIRED IN ONE STORY BUILDING WHERE
ROOF-CEILING ASSEMBLY DOES NOT HAVE A FIRE RESISTANCE
RATING.

**SUPPLY AIR
DIFFUSER DETAIL**

ME-3.1
NO SCALE

**TYPICAL DIFFUSER
CONNECTION DETAIL**

ME-3.1
NO SCALE

TYPICAL HOOD DETAIL

ME-3.1
NO SCALE

PACKAGED ROOFTOP UNIT SCHEDULE

FAN								COOLING								HEATING								UNIT ELECTRICAL		APPROVED MANUFACTURERS								
NO.	SERVICE	MIN. CFM	CFM F.A.	EXT. S.P.	NOMINAL TONNAGE	H.P.	ELECTRICAL SERVICE	COOLING CAPACITY BTUH	ENTERING AIR TEMP		LEAVE AIR (°F)	LEAVE AIR (°F)	DEW POINT (°F)	MIN EER	AMB. TEMP. (°F)	HOT GAS REHEAT BTUH	TYPE	ENT. AIR (°F)	LEAVE AIR (°F)	NO. STAGES	HEATING BTUH													
									DB (°F)	WB (°F)																								
RTU-1	CONCESSIONS	4400	1400	0.95	16.4	3	480-3-60	196,376	81	68	53.7	53.6	53.6	10.8	95	101,898	NAT. GAS	58	96	MODULATING	300,000	240,000	30.6	480-3-60	AAON, DAIKIN OR APPROVED EQUAL.									

NOTES:
1. PACKAGED EQUIPMENT SHALL BE FURNISHED WITH CONTROLLER, FURNISHED BY MANUFACTURER.
2. PACKAGED ROOFTOP UNIT SHALL HAVE DUCT SMOKE DETECTOR IN SUPPLY AND RETURN AIR DUCTWORK. INTERLOCK WITH FIRE ALARM SYSTEM WHERE FIRE ALARM IS PRESENT. WHERE NO FIRE ALARM EXISTS PROVIDE REMOTE AUDIBLE/VISUAL ANNUNCIATOR ON WALL IN CONTINUOUSLY OCCUPIED SPACE.

3. MECHANICAL CONTRACTOR AND MANUFACTURER SHALL PREPARE AN INSTALLATION SHOP DRAWING (AT 1/4"=1'-0" SCALE) FOR PACKAGED UNIT INDICATING REQUIRED CLEARANCES, ASSOCIATED PIPING AND DUCTWORK.
4. ALL PACKAGED ROOFTOP EQUIPMENT PROVIDE AND INSTALL AIRFLOW MEASURING STATION (EBTRON GTX116 TRANSMITTER AND SENSOR) IN SUPPLY AND RETURN AIR OF AIR HANDLING UNIT. COORDINATE ELECTRICAL REQUIREMENTS WITH ELECTRICAL CONTRACTOR IN THE FIELD. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CONTROL CIRCUITS AND MECHANICAL CONTRACTOR SHALL EXTEND AND CONNECT ALL CONTROL WIRING.
5. ROOFTOP UNIT SHALL BE FURNISHED WITH MOTORIZED OUTSIDE AIR DAMPER INTERLOCKED TO UNIT OPERATION.
6. ALL UNITS SHALL BE FURNISHED WITH LOW AMBIENT CONTROL.
7. PROVIDE WITH FACTORY MOUNTED THROUGH THE CURB UTILITIES.
8. PROVIDE WITH FACTORY FUSED DISCONNECT.
9. PROVIDE STAINLESS STEEL HEAT EXCHANGER FOR ALL GAS FIRED HEAT.
10. ALL PACKAGED EQUIPMENT TO BE FURNISHED WITH HOT GAS REHEAT DEHUMIDIFICATION OPTION.
11. PROVIDE ALL EQUIPMENT WITH LOUVERED HAIL GUARDS.
12. CURB INSTALLATION/ASSEMBLY SHALL MEET THE PROJECT WIND LOAD REQUIREMENTS PER IBC AS FURNISHED BY THE ARCHITECT/STRUCTURAL ENGINEER.

GRILLE/LOUVER SCHEDULE							
SYMBOL	SIZE	SERVICE	LOCATION	CONSTRUCTION MATERIAL	FINISH	REMARKS	
G-1	24"X24"	RETURN/TRANSFER	CEILING	ALUMINUM	WHITE	NAILOR 51EC-0, PRICE OR TITUS.	

NOTES:
1. ALL GRILLES SHALL BE FURNISHED WITH OPPOSED BLADE DAMPERS.
2. TRANSITION DUCTWORK TO FULL FACE OF GRILLE.
3. FRAME STYLE SHALL MATCH ADJACENT CONSTRUCTION.

FAN SCHEDULE								
MARK	SERVICE	MIN. CFM	EXT. S.P.	MAX RPM	MAX FAN HP	TYPE	DRIVE	ELECTRICAL SERVICE
EF-1	HOOD EXHAUST 12FT HOOD	3000	1.1	1340	1.5	CENT	BELT	208-3-60
EF-2	HOOD EXHAUST 5FT HOOD	1250	1.1	1340	0.75	CENT	BELT	208-3-60
SF-1	HOOD SUPPLY	3400	0.550	628	1.5	CENT	BELT	208-3-60

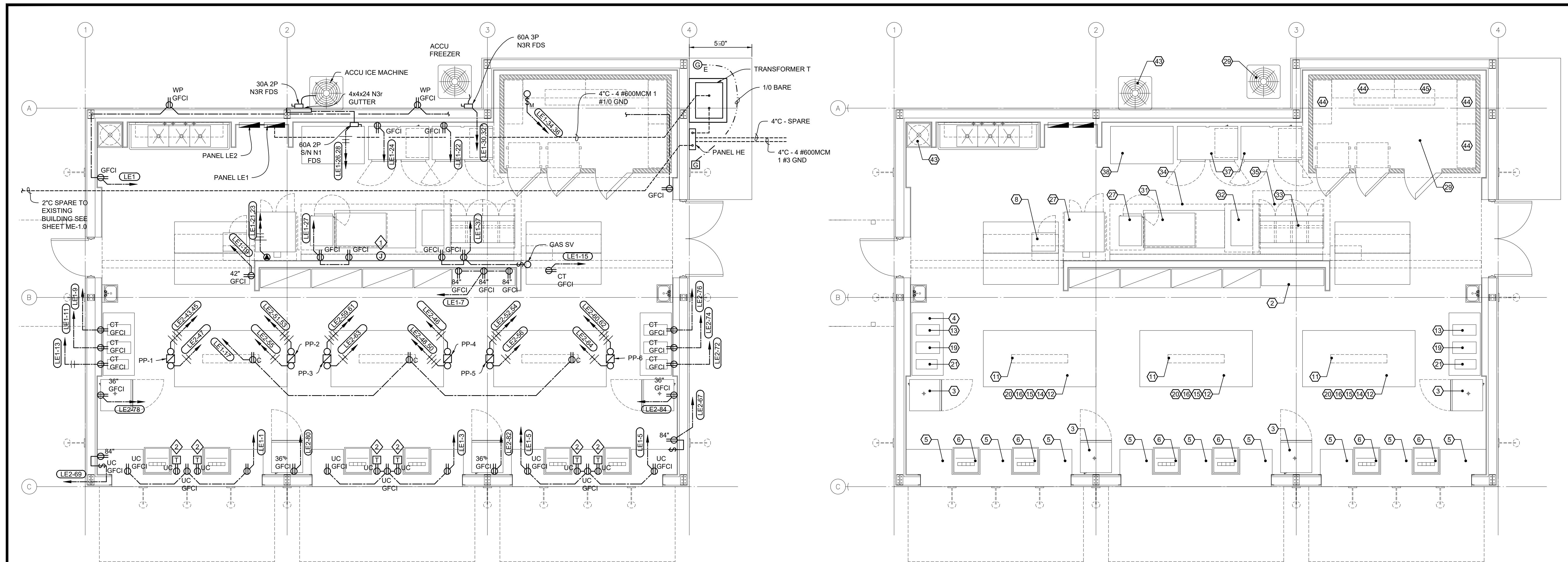
NOTES:
1. EXISTING 12FT AND 5FT LONG KITCHEN HOODS FURNISHED BY OWNER, INSTALLED BY CONTRACTOR. PROVIDE NEW DUCTWORK, SUPPLY PLENUM AND EXHAUST/MAKEUP AIR FANS.
2. ALL ROOF MOUNTED FANS SHALL BE FURNISHED WITH ROOF CURB. ALL FANS AND CURBS SHALL BE WIND RATED.
3. KITCHEN HOOD FAN SWITCH MOUNTED TO FACE OF HOOD. EXHAUST AND SUPPLY FANS SHALL OPERATE SIMULTANEOUSLY.

AIR CURTAIN SCHEDULE							
MARK	LOCATION	CFM OUTPUT	MOTOR HP	ELECTRICAL SERVICE	REMARKS		
AC-1	COUNTER	2072	1/5	208-1-60	BERNER SERIES ALC08-1072A OR APPROVED EQUAL.		
AC-2	COUNTER	2072	1/5	208-1-60	BERNER SERIES ALC08-1072A OR APPROVED EQUAL.		
AC-3	COUNTER	2072	1/5	208-1-60	BERNER SERIES ALC08-1072A OR APPROVED EQUAL.		
AC-4	COUNTER	2072	1/5	208-1-60	BERNER SERIES ALC08-1072A OR APPROVED EQUAL.		
AC-5	COUNTER	2072	1/5	208-1-60	BERNER SERIES ALC08-1072A OR APPROVED EQUAL.		
AC-6	COUNTER	2072	1/5	208-1-60	BERNER SERIES ALC08-1072A OR APPROVED EQUAL.		
AC-7	DOOR	1020	1/5	208-1-60	BERNER SERIES SLC07-1036A OR APPROVED EQUAL.		
AC-8	DOOR	2031	1/5	208-1-60	BERNER SERIES SLC07-1072A OR APPROVED EQUAL.		

NOTES:
1. COORDINATE MOUNTING OF AIR CURTAINS AC-1 THROUGH AC-6 WITH CONCESSION WINDOW COILING MECHANISM.
2. ALL AIR CURTAINS SHALL BE HUNG PER MANUFACTURER. FURNISH ALL HANGERS, BRACKETS, ETC FOR A COMPLETE INSTALLATION.
3. AIR CURTAIN AC-1 THROUGH AC-6 SHALL BE FURNISHED WITH CONTROL PACKAGE TO INCLUDE TIME DELAY SHUTDOWN. UNIT SHALL HAVE 10 FAN SPEED ADJUSTMENTS. ALL LOW VOLTAGE CONTROL WIRING SHALL BE THE RESPONSIBILITY OF THE MECHANICAL CONTROLS CONTRACTOR. REFER TO ELECTRICAL PLANS FOR WALL SWITCHING REQUIREMENTS DOOR SWITCH TO BE FURNISHED WITH AIR CURTAIN FOR FUTURE, NOT INSTALLED AT THIS TIME.
4. AIR CURTAIN AC-7 AND AC-8 SHALL BE FURNISHED WITH CONTROL PACKAGE TO INCLUDE DOOR SWITCH AND TIME DELAY SHUTDOWN. UNIT SHALL HAVE SINGLE SPEED FAN ADJUSTMENT. ALL LOW VOLTAGE CONTROL WIRING SHALL BE THE RESPONSIBILITY OF THE MECHANICAL CONTROLS CONTRACTOR.

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STATE OF TEXAS ANDREA MANGEAUX Lechtenberg Consulting, Inc.	0 1/8" Divisions 1" Graphic Scale 3"
NOTE: If the above graphic scale does not measure as noted, the drawing is not printed to scale. ADJUST MEASUREMENTS ACCORDINGLY	
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1 POWER PLAN

SCALE: 1/4" □ 1'-0"

3 EQUIPMENT PLAN

SCALE: 1/4" □ 1'-0"

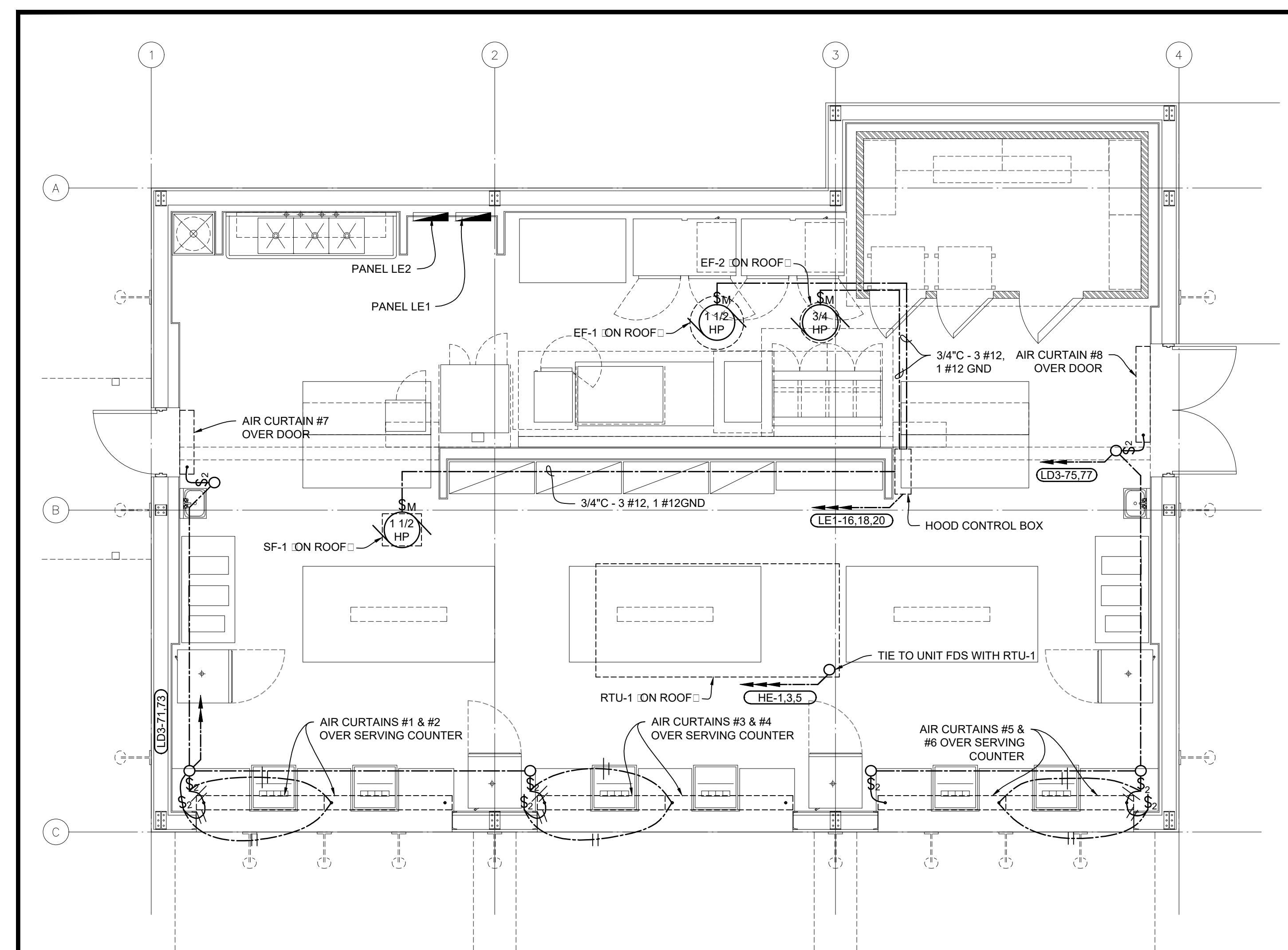
MARK	QUANTITY	ITEM	MANUFACTURER	MODEL NUMBER	UTILITIES								NOTES						
					GAS		PLUMBING			W.C.	CW	HW	W	VT	BAG-J N-BOX	VOLTAGE/ PHASE	ELECTRICAL AMPS	CONNECTION	
					BTU S	HOSE CONNECTION													
①	2	HANDSINK	ADVANCE TABCO	7-PS-23						1/2"	1/2"	1/2"							SUPPLIED BY OWNER, INSTALLED BY CONTRACTOR
②	1	BAG-IN-BOX	-	-															SUPPLIED BY OWNER, INSTALLED BY VENDOR
③	4	VENDOR DISPLAY REFRIGERATOR	EXISTING	-															SUPPLIED BY OWNER, INSTALLED BY OWNER
④	2	S/S TABLE 30"X60"	METRO SHELVING	WT306US															SUPPLIED BY OWNER, INSTALLED BY OWNER
⑤	9	POINT OF SALE	-	-															SUPPLIED BY OWNER, INSTALLED BY VENDOR
⑥	6	SODA DISPENSER	LANCER	2306															SUPPLIED BY OWNER, INSTALLED BY VENDOR
⑦	-	-	-	-															SUPPLIED BY OWNER, INSTALLED BY VENDOR
⑧	1	MICROWAVE	SOLWAVE EXISTING	180MW1200T															SUPPLIED BY OWNER, INSTALLED BY OWNER
⑨	-	-	-	-															SUPPLIED BY OWNER, INSTALLED BY OWNER
⑩	5	S/S WIRE SHELF	METRO SHELVING	1848NS															SUPPLIED BY OWNER, INSTALLED BY OWNER
⑪	3	TV	VIZIO	55"															SUPPLIED BY OWNER, INSTALLED BY CONTRACTOR
⑫	3	NACHO CHEESE DISPENSER	GEHLS EXISTING	HT2-04															SUPPLIED BY OWNER, INSTALLED BY OWNER
⑬	2	TEA BREWER	BUNN	ITB-DBC															SUPPLIED BY OWNER, INSTALLED BY VENDOR
⑭	2	SUPER PRETZEL DISPLAY	WISCO INDUSTRIES	JJ850-B															SUPPLIED BY OWNER, INSTALLED BY OWNER
⑮	3	DISPLAY WARMER	HATCO EXISTING	GR2SDS-48D															SUPPLIED BY OWNER, INSTALLED BY OWNER
⑯	3	GRAVY WARMER	AVANTCO	177W300SS															SUPPLIED BY OWNER, INSTALLED BY OWNER
⑰	-	-	-	-															SUPPLIED BY OWNER, INSTALLED BY OWNER
⑱	2	WARM BEVERAGE	BUNN	FMD-3 BLACK															SUPPLIED BY OWNER, INSTALLED BY VENDOR
⑲	6	UNDER COUNTER DRAWER WARMER	WITTCO	200-2-SL															SUPPLIED BY OWNER, INSTALLED BY OWNER
⑳	2	COFFEE BREWER	CURTIS	GEM TS															SUPPLIED BY OWNER, INSTALLED BY VENDOR
㉑	-	-	-	-														SUPPLIED BY OWNER, INSTALLED BY OWNER	
㉒	3	54"X108" S/S TABLE	-	-														SUPPLIED BY OWNER, INSTALLED BY OWNER	
㉓	2	S/S SHELF	ADVANCE TABCO	CU-18-72-2														SUPPLIED BY OWNER, INSTALLED BY OWNER	
㉔	4	S/S TABLE 30"X72"	METRO SHELVING	WT307US														SUPPLIED BY OWNER, INSTALLED BY OWNER	
㉕	-	-	-	-														SUPPLIED BY OWNER, INSTALLED BY OWNER	
㉖	1	CONVECTION OVEN	GARLAND	SCO-ES-20S														SUPPLIED BY OWNER, INSTALLED BY CONTRACTOR	
㉗	1	STEAMER	VULCAN EXISTING	-	●	90,000	-	3.5"	-	-	-			208V/1P	50	-		SUPPLIED BY OWNER, INSTALLED BY CONTRACTOR	
㉘	-	-	-	-														SUPPLIED BY OWNER, INSTALLED BY CONTRACTOR	
㉙	1	S/S EQUIPMENT TABLE	METRO SHELVING	36X78														SUPPLIED BY OWNER, INSTALLED BY CONTRACTOR	
㉚	1	48" GRIDDLE	VULCAN EXISTING	-	●	108,000	-											SUPPLIED BY OWNER, INSTALLED BY CONTRACTOR	
㉛	1	FLOOR FRYER	ADVANCO	FF518	●	150,000	3/4"											SUPPLIED BY OWNER, INSTALLED BY CONTRACTOR	
㉜	1	4 COMP FRYER	VULCAN	4GR45MF	●	480,000	-	-						120V/60Hz	6.0A	NEMA 5-15P	SUPPLIED BY OWNER, INSTALLED BY CONTRACTOR		
㉝	1	12'-HOOD W/ ANSU	GREENHECK EXISTING	GHEW-12.00-S														SUPPLIED BY OWNER, INSTALLED BY VENDOR	
㉞	1	5'-HOOD W/ ANSU	GREENHECK EXISTING	GHEW-5.00-S														SUPPLIED BY OWNER, INSTALLED BY VENDOR	
㉟	1	WALK-IN FREEZER	AMERIKOOLER	8X14-FREEZER														SUPPLIED BY OWNER, INSTALLED BY VENDOR	
㉟	2	REACH-IN COOLERS	TRAULSEN EXISTING	-														SUPPLIED BY OWNER, INSTALLED BY VENDOR	
㉟	1	ICE MACHINE	HOSHIZAKI	KM-2600SRJ3										208/230V	20.6A	-		SUPPLIED BY OWNER, INSTALLED BY CONTRACTOR	
㉟	-	-	-	-														SUPPLIED BY OWNER, INSTALLED BY CONTRACTOR	
㉟	1	3 COMP SINK	DUKE EXISTING	203S-218														SUPPLIED BY OWNER, INSTALLED BY CONTRACTOR	
㉟	1	POT RACK	EXISTING	-														SUPPLIED BY OWNER, INSTALLED BY CONTRACTOR	
㉟	1	MOP SINK	EXISTING	-														SUPPLIED BY OWNER, INSTALLED BY CONTRACTOR	
㉟	1	HOT WATER HEATER	PALOMA EXISTING	PH-24M-DN	●	-	-	-	-	-								SUPPLIED BY OWNER, INSTALLED BY CONTRACTOR	
㉟	3	S/S SHELF	NORLAKE SHELVING	18X42														SUPPLIED BY OWNER, INSTALLED BY VENDOR	
㉟	2	S/S SHELF	NORLAKE SHELVING	18X60														SUPPLIED BY OWNER, INSTALLED BY VENDOR	

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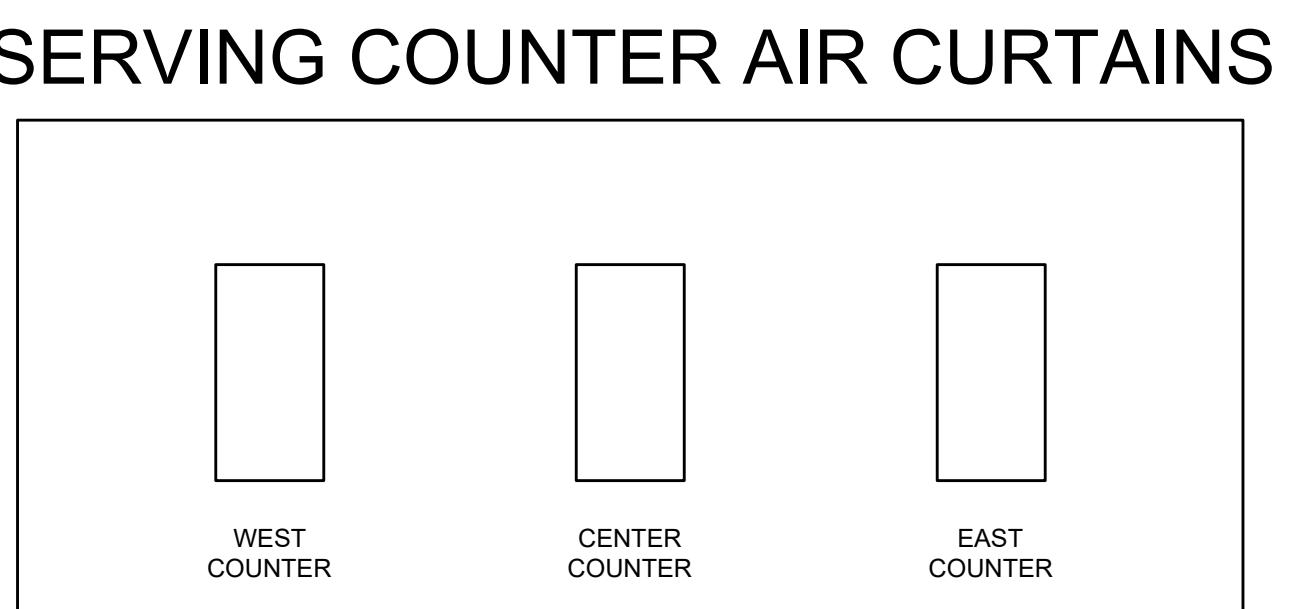
Fixture and Equipment Schedule

SCALE: NONE

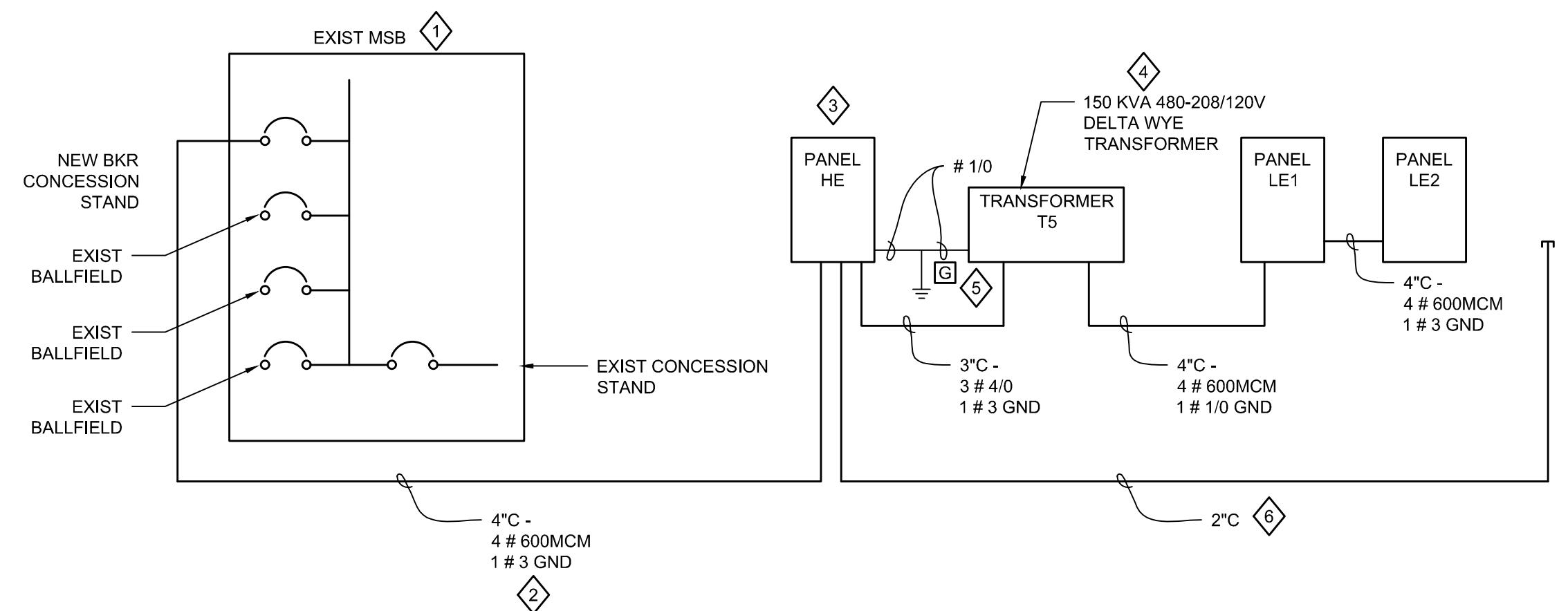
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1 HVAC POWER PLAN
SCALE: 1/4" □ 1E0"



2 SERVING COUNTER AIR CURTAIN SWITCHES
SCALE: 3/4" □ 1E0"



3 RISER DIAGRAM
SCALE: NONE

- ① EXISTING PANEL MSB ADJACENT UTILITY TRANSFORMER BETWEEN BALFIELD COMPLEXES A AND B. SEE SITE PLAN ON SHEET ME-10. INSTALL NEW 400 AMP 3P S-1 UARE D LCL36400 BREAKER IN EXISTING S-1 UARE D LINE PANELBOARD. COORDINATE ANY SERVICE OUTAGE REQUIRED WITH OWNER AND ARCHITECT.
- ② RUN NEW 4C- 4# 600MCM, 1# 3 GND FROM NEW BREAKER TO NEW GRADE AND REPAIR TRENCH AS PER DIRTWORK. SPECIFICATIONS: INSTALL YELLOW MARKING TAPE OVER DUCT AND 12" BELOW GRADE.
- ③ FURNISH AND INSTALL NEW PANEL HE. PROVIDE STRUCTURE AS REQUIRED MOUNT ON OUTSIDE OF NEW CONCESSION BUILDING. POUR CONCRETE SLAB AT PANEL AND TRANSFORMER AS INDICATED ON THE DRAWINGS. SLAB SHALL BE IN ACCORDANCE WITH CONCRETE WALK SPECIFICATIONS.
- ④ FURNISH AND INSTALL NEW TRANSFORMER T-5. TRANSFORMER TO BE COPPER WOUND WITH 220 DEGREE C INSULATION AND A 115 DEGREE C RISE. TRANSFORMER SHALL BE RATED NEMA 3R WITH A RODENT BARRIER ON THE BOTTOM OF THE TRANSFORMER. INSTALL A 6' HIGH CONCRETE HOUSEKEEPING PAD BELOW THE TRANSFORMER. SIZE SHALL BE 3' IN ALL DIRECTIONS LARGER THAN TRANSFORMER.
- ⑤ FURNISH AND INSTALL GROUND TRIAD AT PANEL HE AND T-5 AREA. BOND TO PANEL HE AND TRANSFORMER NEUTRAL. BOND TO BUILDING STEEL AND GAS LINE AS REQUIRED BY NEC.
- ⑥ RUN 2' SPARE CONDUIT FROM PANEL HE TO EXISTING CONCESSION BUILDING AND STUBUP AND CAP OUTSIDE OF THE BUILDING.

4 RISER DIAGRAM KEYNOTES
SCALE: NONE

PANELBOARD SCHEDULE					
PANEL:	LE1	TYPE:	PANELBOARD		
MFGR:	Sq D	TYPE:	NQ		
208/120	V	3	PH	4	W
BRANCH BREAKERS:	BOLT ON				
MODIFICATIONS:	FEED THRU LUGS				
ITEM	WIRE	AMP	CIR	AMP	WIRE
	SIZE	POLE	NO	POLE	SIZE
COUNTER 1 ITEM 5 & ITEM 6	#12	20/1	1	2	20/1 #12
COUNTER 2 ITEM 5 & ITEM 6	#12	20/1	3	4	20/1 #12
COUNTER 3 ITEM 5 & ITEM 6	#12	20/1	5	6	20/1 #12
RECEPT ITEM 2	#12	20/1	7	8	ST -
RECEPT ITEM 13	#12	20/1	9	10	20/1 #12
RECEPT ITEM 19	#10	20/1	11	12	20/1 #12
RECEPT ITEM 21	#10	30/2	13	14	15 #10 #12 FRONT SIGN SILENCERS
RECEPT TV MONITORS	#12	20/1	17	18	15 #10 #12 KITCHEN/WOOD PANEL
RECEPT ITEM 8	#10	20/1	19	20	-
RECEPT ITEM 27	#6	50/2	21	22	20/1 #12 RECEPT ITEM 37
---	--	ST 23	24	20/1 #12 RECEPT ITEM 37	
---	--	25	26	60/2 #8 ICE MACHINE AND ACCU	
RECEPT ITEM 28	#12	20/1	27	28	-
RECEPT ITEM 29	#10	30/2	29	30	60/2 #8 FREEZER ACCU
---	--	31	32	-	
RECEPT ITEM 33 & GAS SV	#12	20/1	37	38	20/1 #12 RECEPT BUILDING & OD
---	--	39	40	20/2 #12 RECEPT ITEM 26	
SHUNT TRIP POWER	#12	20/1	41	42	-

NOTES TO PANEL LE1

- 1 PANEL TO HAVE BOTTOM FEED MAIN.
- 2 STUB 3 EACH SPARE 1" CONDUITS INTO ACCESSIBLE CEILING SPACE FOR FUTURE.
- 3 INTERLOCK SHUNT TRIP BREAKERS WITH HOOD EXTINGUISHING SYSTEM FIRE ALARM INTERFACE.

5 PANEL LE1
SCALE: NONE

PANELBOARD SCHEDULE					
PANEL:	LE2	TYPE:	PANELBOARD		
MFGR:	Sq D	TYPE:	NQ		
208/120	V	3	PH	4	W
BRANCH BREAKERS:	BOLT ON				
MODIFICATIONS:					
ITEM	WIRE	AMP	CIR	AMP	WIRE
	SIZE	POLE	NO	POLE	SIZE
POWER POLE 1- ITEM 12	#12	20/1	43	44	20/1 #12 POWER POLE 4- ITEM 16
POWER POLE 1- ITEM 15	#12	20/1	45	46	20/1 #12 POWER POLE 4- ITEM 17
POWER POLE 1- SPARE RECEPTACLE	#12	20/1	47	48	20/1 #12 POWER POLE 4- SPARE RECEPTACLE
SPARE	#12	20/1	49	50	20/1 #12 POWER POLE 4- ITEM 20
POWER POLE 2- ITEM 14	#12	20/1	51	52	20/1 #12 POWER POLE 5- ITEM 12
POWER POLE 2- ITEM 16	#12	20/1	53	54	20/1 #12 POWER POLE 5- ITEM 15
SPARE	#12	20/1	55	56	20/1 #12 POWER POLE 5- ITEM 18
POWER POLE 2- ITEM 20	#12	20/1	57	58	20/1 #12 POWER POLE 5- SPARE RECEPTACLE
POWER POLE 3- ITEM 12	#12	20/1	59	60	20/1 #12 POWER POLE 6- ITEM 14
POWER POLE 3- ITEM 15	#12	20/1	61	62	20/1 #12 POWER POLE 6- ITEM 16
SPARE	#12	20/1	64	65	20/1 #12 POWER POLE 6- ITEM 17
SPARE	#12	20/1	66	67	20/1 #12 POWER POLE 6- ITEM 20
RECEPT FUTURE WALL FAN	#12	20/1	69	70	20/1 #12 SPARE
RECEPT FUTURE WALL FAN	#12	20/1	70	70	20/1 #12 SPARE
AIR CURTAINS #1, #2, #3, #4, & #7	#12	20/2	71	72	20/1 #12 RECEPT ITEM 20
---	--	73	74	20/1 #12 RECEPT ITEM 19	
AIR CURTAINS #5, #6, & #9	#12	20/2	75	76	20/1 #12 RECEPT ITEM 13
---	--	77	78	20/1 #12 RECEPT ITEM 3	
POWER GAS MH & CIRC PUMP	#12	20/1	80	80	20/1 #12 RECEPT ITEM 0
SPARE	#12	20/1	81	81	20/1 #12 RECEPT ITEM 4
SPARE	#12	20/1	82	84	20/1 #12 RECEPT ITEM 3
SPARE	#12	20/1	85	86	20/1 #12 SPARE
SPARE	#12	20/1	87	88	20/1 #12 SPARE
SPARE	#12	20/1	89	90	20/1 #12 SPARE
SPARE	#12	20/1	91	92	20/1 #12 SPARE
SPARE	#12	20/1	93	94	20/1 #12 SPARE
SPARE	#12	20/1	95	96	20/1 #12 SPARE

NOTES TO PANEL LE2

- 1 PANEL TO HAVE TOP FEED LUGS.
- 2 STUB 3 EACH SPARE 1" CONDUITS INTO ACCESSIBLE CEILING SPACE FOR FUTURE.
- 3 INTERLOCK SHUNT TRIP BREAKERS WITH HOOD EXTINGUISHING SYSTEM FIRE ALARM INTERFACE.

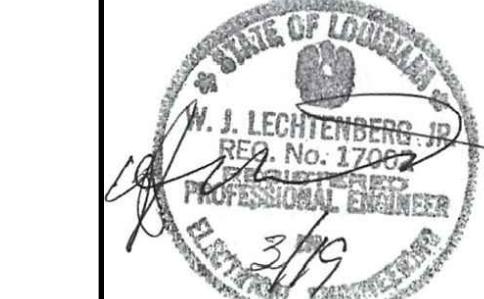
6 PANEL LE2
SCALE: NONE

PANELBOARD SCHEDULE					
PANEL:	HE	TYPE:	DISTRIBUTION		
MFGR:	Sq D	TYPE:	I-LINE		
480/277	V	3	PH	4	W
BRANCH BREAKERS:	BOLT ON				
MODIFICATIONS:					
ITEM	WIRE	AMP	CIR	AMP	WIRE
	SIZE	POLE	NO	POLE	SIZE
MAIN BREAKER	400/3	1	2	225/3 #4/0	TRANSFORMER T5 (SEE NOTE 2)
(SEE NOTE 1)	--	--	5	6	--
SPARE	100/3	7	8	50/3 #6	FTU-1
---	--	9	10	--	--
---	--	11	12	--	--

NOTES TO PANEL HE

- 1 PROVIDE BRANCH MOUNTED MAIN BREAKER
- 2 PROVIDE PADLOCK PROVISION ON THE HANDLE OF THIS BREAKER.
- 3 STUB SPARE 2" CONDUITS AS INDICATED ON THE DRAWINGS FOR FUTURE.

7 PANEL HE
SCALE: NONE

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DATE SIGNED

2019

REGISTRATION EXPIRATION DATE

2024

10/01/2024

10/01/2024

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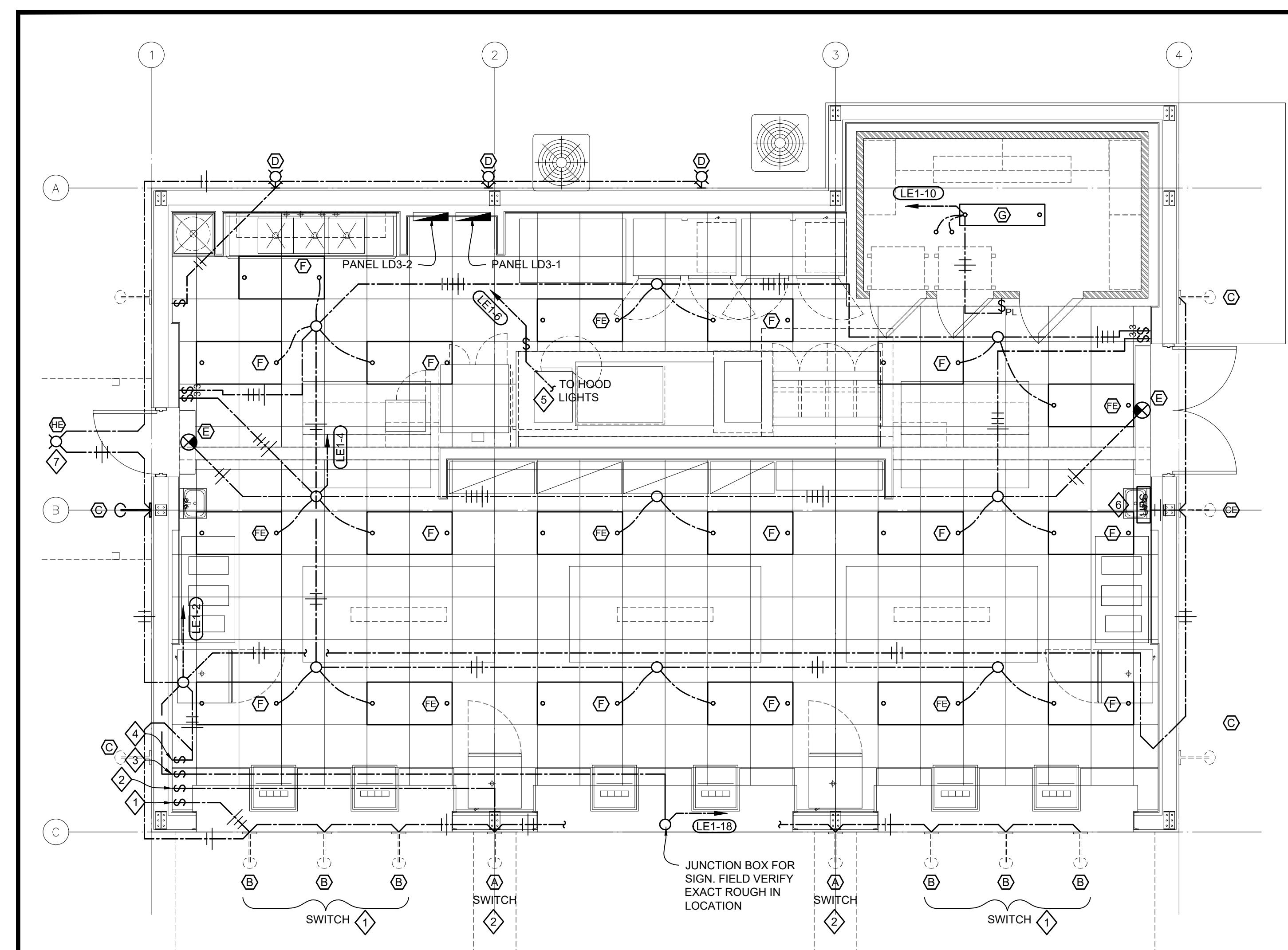
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1 LIGHTING PLAN

SCALE: 1/4" □ 1'-0"

- ① SWITCH FOR OUTDOOR MENU BOARD LIGHTS
- ② SWITCH FOR OUTDOOR BUILDING LIGHTS
- ③ SWITCH FOR BUILDING WALL SIGN "SLUGGERS"
- ④ SWITCH FOR BUILDING WALL PACKS
- ⑤ INTERLOCK SHUNT TRIP BREAKER WITH HOOD EXTINGUISHING INTERLOCK
- ⑥ INSTALL GRID MOUNTED UPS IN CEILING TO SERVE FIXTURE CE
- ⑦ MOUNT FIXTURE IN CENTER OF CONNECTING CANOPY BETWEEN BUILDINGS

1. SEE SHEET ME-1.0 FOR LEGEND.
2. WIRE COUNTS ARE INDICATED TO PROVIDE THE CONTRACTOR AN IDEA OF THE INTENDED SWITCHING OF CIRCUIT. THEY DO NOT INCLUDE THE EQUIPMENT GROUNDING CONDUCTOR. CONTRACTOR HOWEVER IS RESPONSIBLE FOR PROVIDING THE WIRING REQUIRED TO CONTROL THE CIRCUITS. CONTACT THE ENGINEER WITH ANY QUESTIONS.

2 LIGHTING PLAN KEY NOTES

SCALE: NONE

LIGHT FIXTURE SCHEDULE

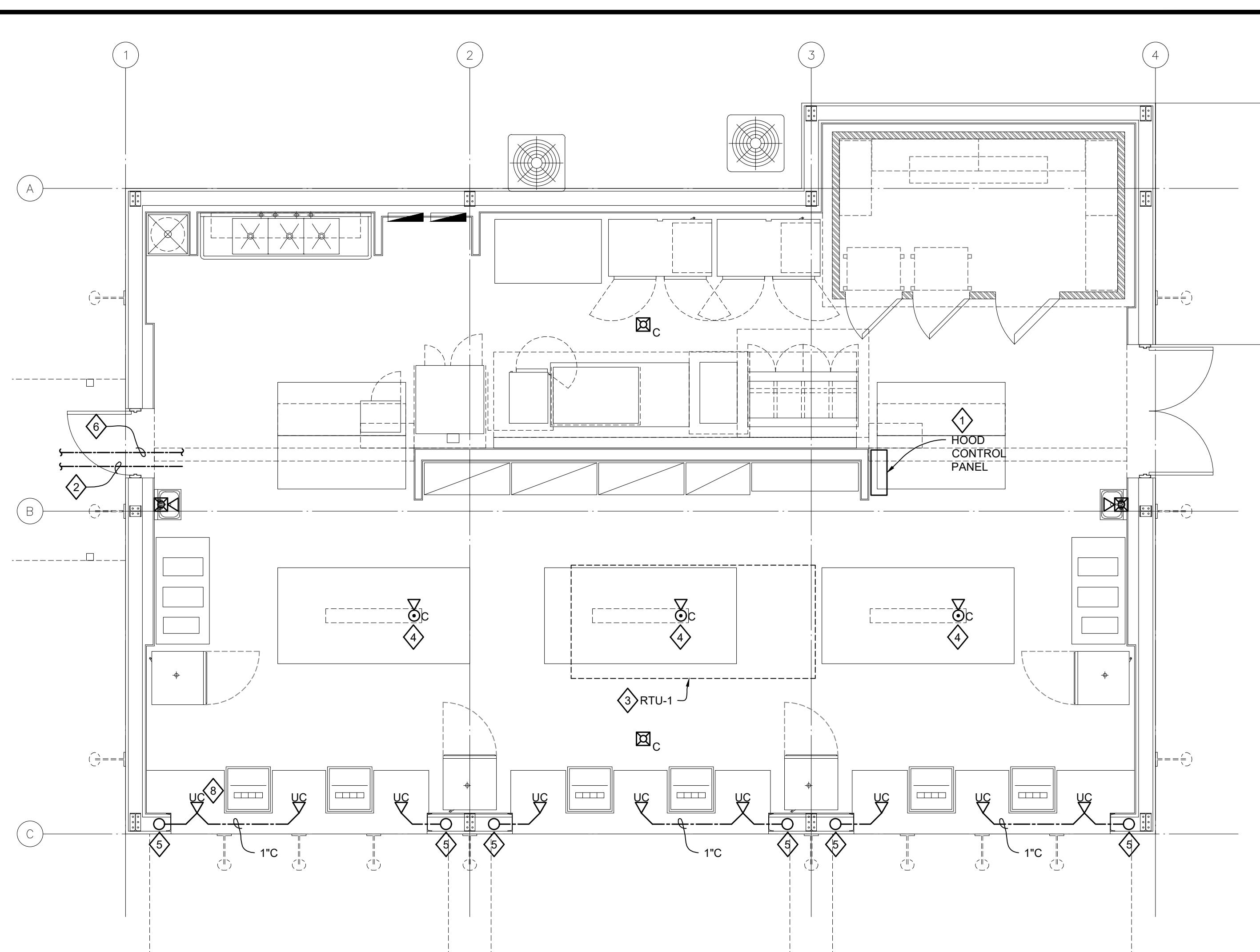
MARK	DESCRIPTION	LAMPS	NOTES
A	TROY RLM #3RA12-LED18-GA / 3 SL23 GA	LED	1
B	TROY RLM #3RH16-LED18-GA FGWC / 3 SL23 GA	LED	1
C	TROY RLM #3RH14-LED18-GA FGWC / 3 SL23 GA	LED	4
D	LUMARK #XTORSARL-N-PC1	LED	5
E	SURE-LITES #TPX70-R	LED	3
F	METALUX #24GR-FA-LD4-38-A19/156-UNV-L835-SD1-G1	LED	2
G	VAPOR PROOF FIXTURE PROVIDED WITH FREEZER		6
H	FAIL-SAFE #TRR15 LD4-40W-40-UNV-ED-C1-EL12W/CSTG	LED	7

NOTES:

1. SEE ARCHITECTURAL DETAILS FOR MOUNTING HEIGHT AND LOCATION.
2. PROVIDE EMERGENCY BATTERY PACK AND CONNECT TO UNSWITCHED CONDUCTOR FROM BRANCH BREAKER ON UNITS NOTED WITH AN "E".
3. FACES, CHERVON DIRECTIONAL ARROWS, AND MOUNTING AS REQUIRED BY PLAN AND FIELD CONDITIONS.
4. MOUNT AT 10' AFF +/- ON SIDE OF BUILDING. FIELD VERIFY EXACT LOCATION IN FIELD WITH ARCHITECT.
5. MOUNT AT 8' +/- ON BACK WALL.
6. CONNECT TO CIRCUIT AS INDICATED ON DRAWINGS.
7. PROVIDE STANDARD HARDWARE ON THIS FIXTURE.

4 LIGHT FIXTURE SCHEDULE

SCALE: NONE



5 SPECIAL SYSTEMS PLAN

SCALE: 1/4" □ 1'-0"

1. ALL DATA, COMMUNICATION, AND CATV WIRING WORK SHALL BE DONE BY THE OWNER UNDER SEPARATE CONTRACT. CONTRACTOR SHALL PROVIDE RACEWAYS WITH PULLWIRES, JUNCTION BOXES, ETC. CONTRACTOR SHALL COORDINATE THE FINAL LOCATION OF JUNCTION BOXES WITH E: UIMENT AND BUILT-IN SHOP DRAWINGS AND ARCHITECT IN FIELD.
2. THE BUILDING IS TO BE PROTECTED BY AN AUTOMATIC FIRE ALARM SYSTEM EXTENDED FROM THE EXISTING FIRE ALARM PANEL FA-PCP. SEE SHEET ME-1.0 FOR LOCATION.
3. THE EXTENSION OF THE EXISTING FIRE ALARM SYSTEM SHALL BE DESIGNED AND INSTALLED BY A LICENSED FIRE ALARM CONTRACTOR IN THE JURISDICTION OF THE PROJECT. THE FIRE ALARM SYSTEM DESIGN SHALL BE APPROVED BY THE AH, ARCHITECT, AND ENGINEER PRIOR TO ANY WORK BEING DONE. CONTRACTOR SHALL PAY ALL AHU REVIEW FEES FOR SUBMITTAL AND ANY RESUBMITTALS.
4. ALL EXPOSED CABLE IN CEILING SPACE SHALL BE PROPERLY SUPPORTED FROM STRUCTURE WITH SUPPORTS DESIGNED FOR THE PURPOSE. DO NOT LAY CABLE ACROSS CEILING GRIDS.
5. PROVIDE BLANK COVERS TO MATCH WIRING DEVICES ON ALL UNUSED BOXES.
6. SEE SHEET ME-1.0 FOR LEGEND.

6 SPECIAL SYSTEM KEY NOTES

SCALE: NONE

7 SPECIAL SYSTEMS NOTES

SCALE: NONE

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1 BIDS & CONST. 3-15-19	0 1/8" Divisions	1 Graphic Scale	2 1/10" Divisions 3"
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