



PASCAGOULA-GAUTIER SCHOOL DISTRICT

GAUTIER ELEMENTARY SCHOOL  
KITCHEN RENOVATION (RE-BID)

**PASCAGOULA-GAUTIER SCHOOL DISTRICT**

**GAUTIER ELEMENTARY SCHOOL  
KITCHEN RENOVATION (RE-BID)**

**505 MAGNOLIA TREE DRIVE**  
**GAUTIER, MS 39553**

**Revisions**

No.	Description	Date

PASCAGOULA-GAUTIER  
SCHOOL DISTRICT  
GAUTIER ELEMENTARY  
SCHOOL KITCHEN  
RENOVATION (RE-BID)



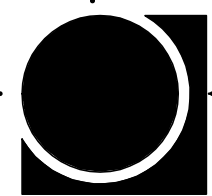
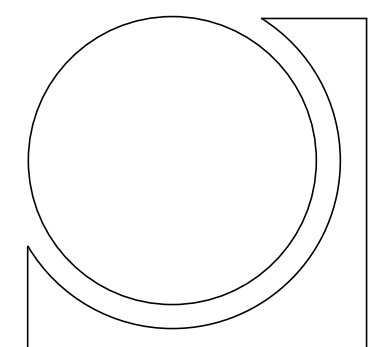
505 MAGNOLIA TREE DRIVE  
GAUTIER, MS 39553

**A000**  
COVER SHEET

Drawn By	Checked By	Date
TFJ/Mc	RCF	08/07/2023

Scale: Project Number  
22050.01

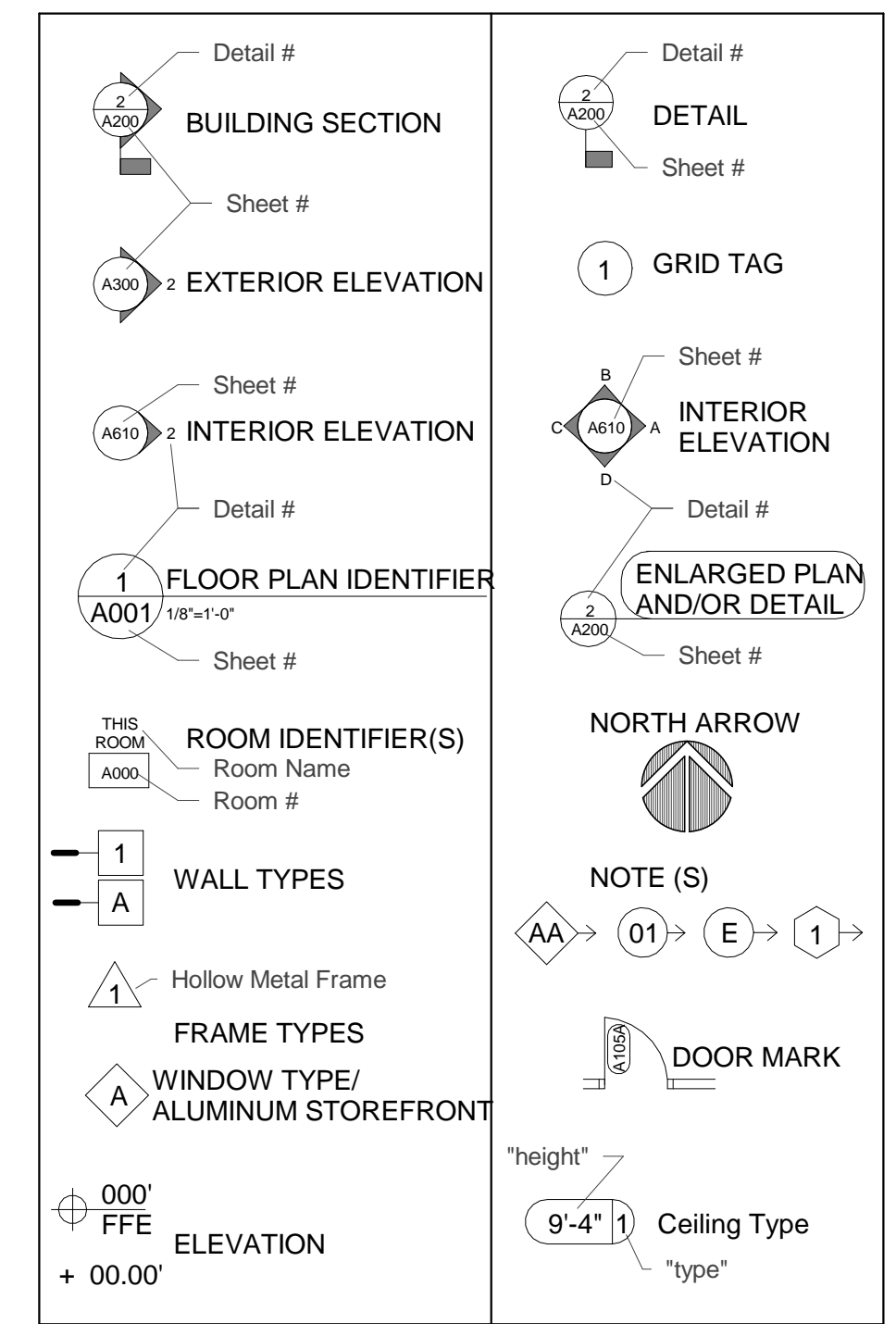
SET NUMBER



ARCHITECTURAL ABBREVIATIONS

Table of architectural abbreviations and their corresponding meanings, including terms like ANGLE AND, AIR CONDITIONING, AREA DRAIN, etc.

ARCHITECTURAL GRAPHICS



PROJECT TEAM

OWNER: PASCAGOULA-GAUTIER SCHOOL DISTRICT
END USER - GAUTIER ELEMENTARY SCHOOL
CONTACT: BILLY ELLZEY, SUPERINTENDENT

ARCHITECT: JBHM ARCHITECTS, P.A.
SITE DESIGN: JBHM ARCHITECTS, P.A.
STRUCTURAL ENGINEER: STRUCTURAL DESIGN GROUP

MECHANICAL AND PLUMBING ENGINEER: GSK MECHANICAL, INC.
ELECTRICAL ENGINEER: MP DESIGN GROUP

MECHANICAL AND PLUMBING ENGINEER: GSK MECHANICAL, INC.
ELECTRICAL ENGINEER: MP DESIGN GROUP

GENERAL REQUIREMENTS AND CONSIDERATIONS FOR PERFORMING WORK

- USE OF CAMPUS PREMISES: 1. ALL MATERIALS AND EQUIPMENT SHALL BE BROUGHT ONTO THE PROJECT SITE BY MAKING USE OF SCHOOLS ROADWAYS AND DRIVES AS DESIGNATED BY THE SCHOOL.
GENERAL POLICIES: 1. FIREARMS OF ANY KIND ARE NOT ALLOWED ON SCHOOL GROUNDS.

INDEX TO DRAWINGS

Table listing drawing titles and sheet numbers, including COVER SHEET, INDEX OF DRAWINGS, WALL TYPES / CODE REVIEW AND LIFE SAFETY PLANS, and architectural details.

Table listing food service drawing titles and sheet numbers, including KITCHEN EQUIPMENT PLAN, PLUMBING SCHEDULES, and electrical rough-ins.

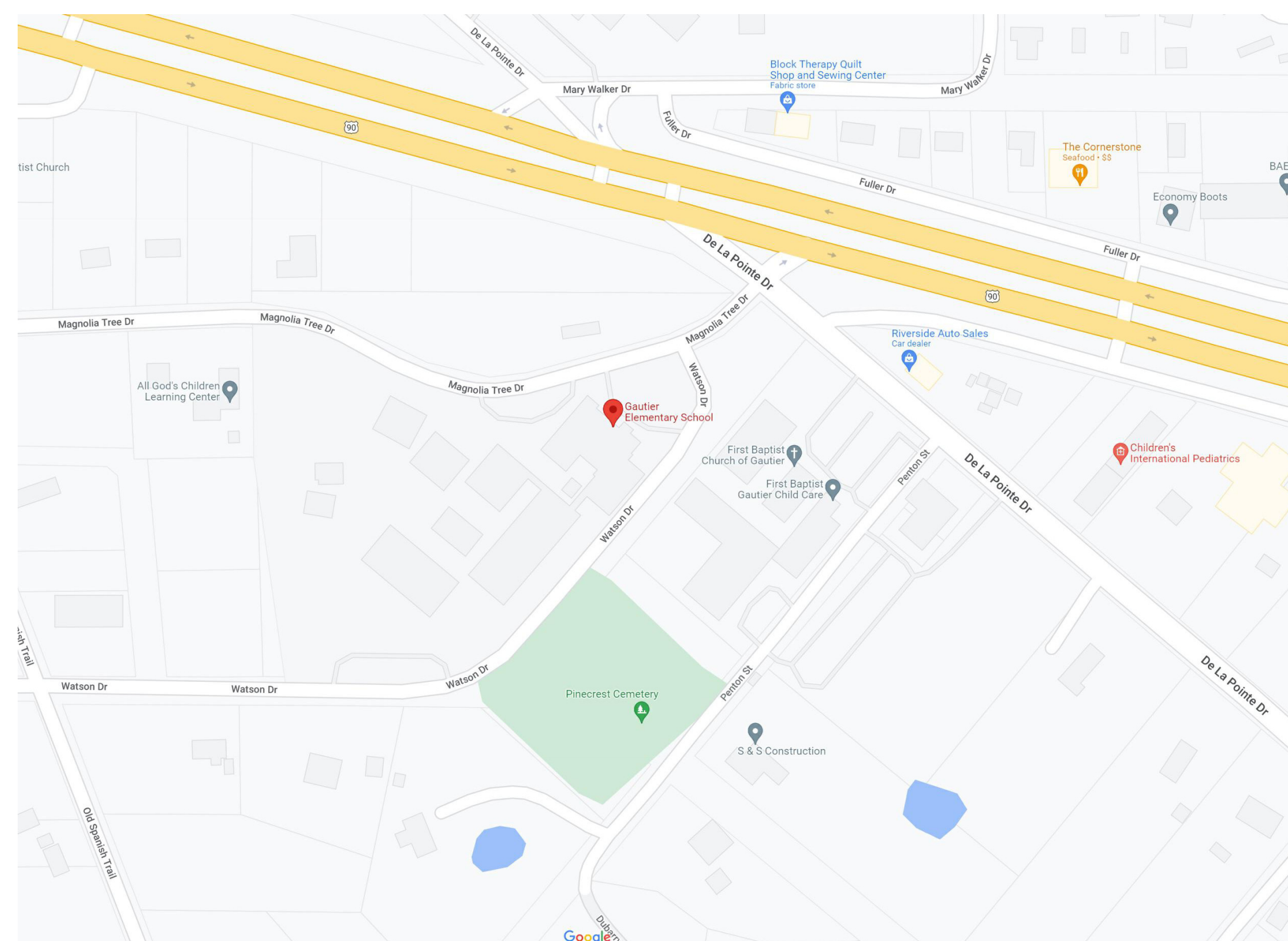
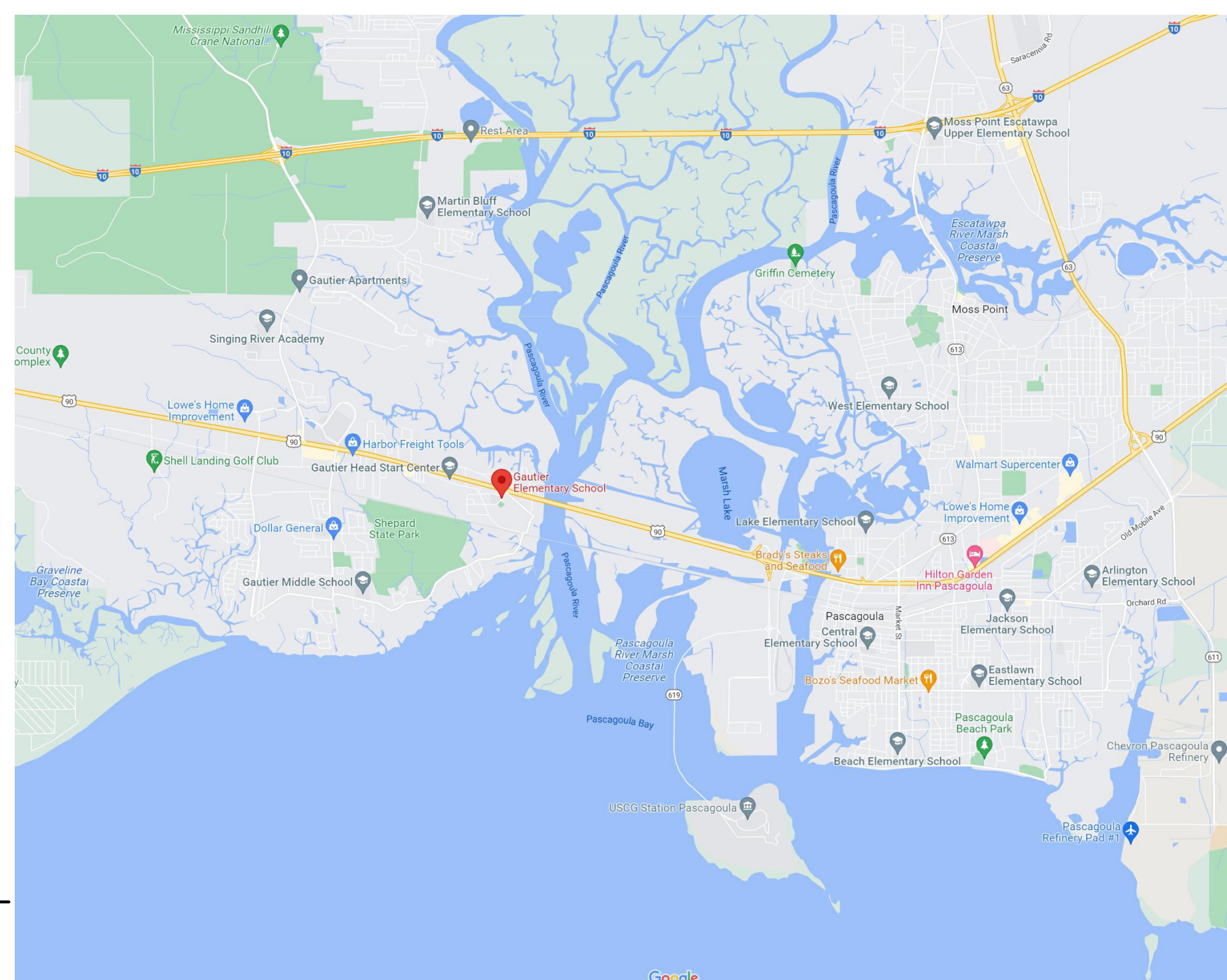
Table listing structural drawing titles and sheet numbers, including STRUCTURAL NOTES AND DETAIL INDEX, STRUCTURAL QUALITY ASSURANCE PLAN, and foundation sections.

Table listing plumbing drawing titles and sheet numbers, including OVERALL PLUMBING DEMOLITION PLAN, KITCHEN PLUMBING NEW WORK PLAN, and kitchen mechanical plans.

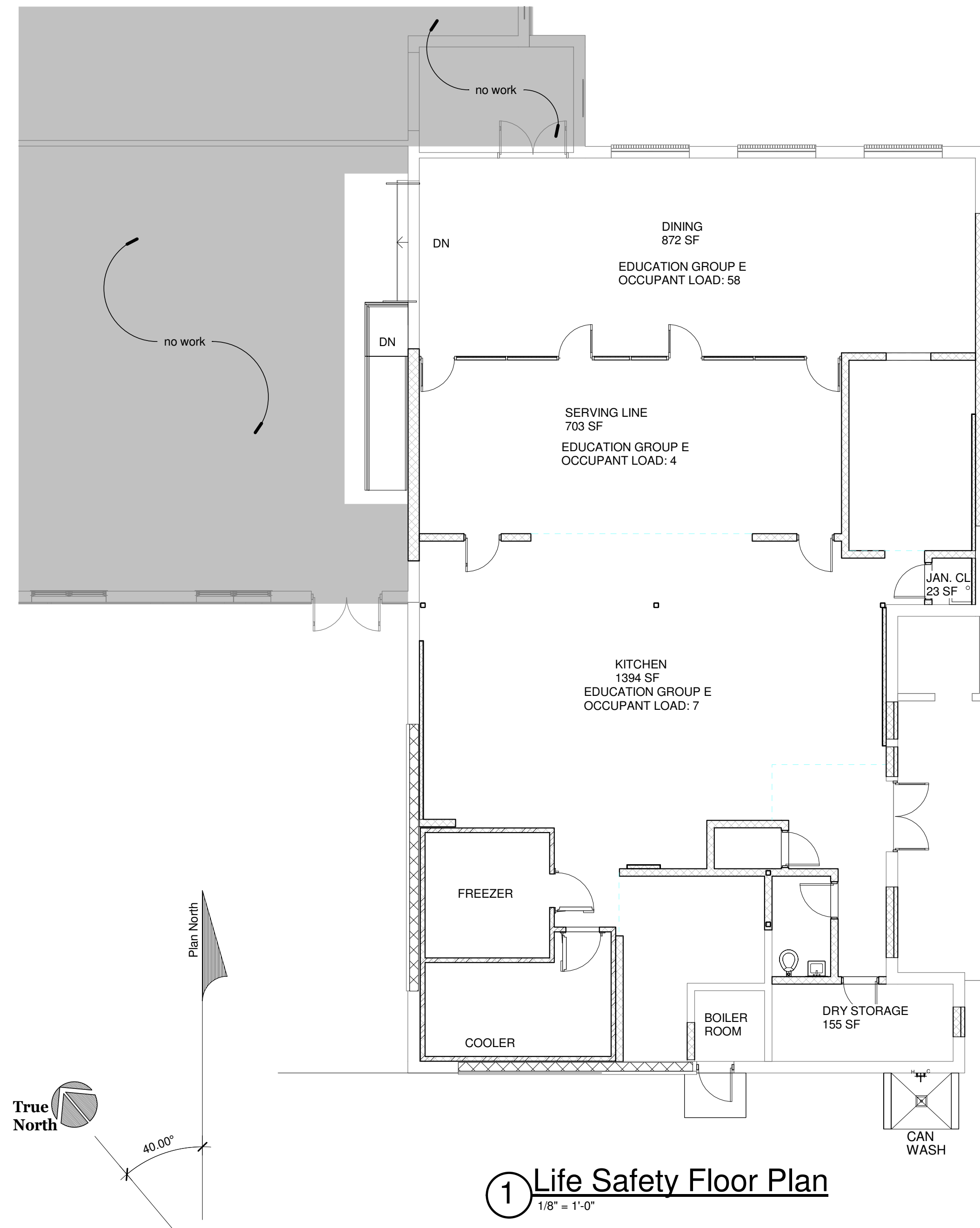
Table listing mechanical drawing titles and sheet numbers, including OVERALL HVAC DEMOLITION PLAN, HVAC PLAN - KITCHEN, and HVAC schedules.

Table listing electrical drawing titles and sheet numbers, including ELECTRICAL NOTES AND SYMBOLS, ELECTRICAL NOTES AND ABBREVIATIONS, and electrical power plans.

VICINITY MAPS

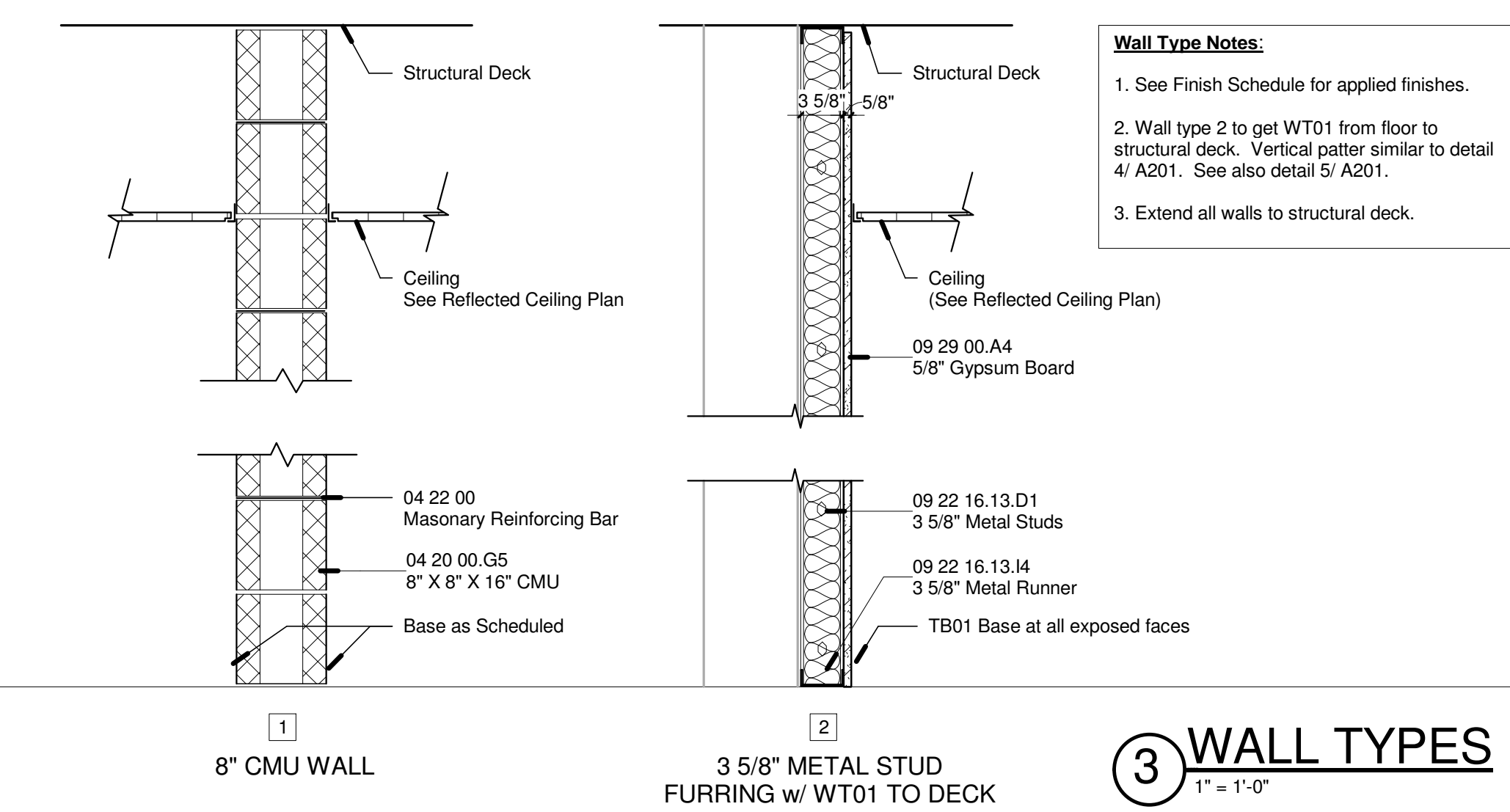


Project title, revision table, professional seal of Ryan Clark Florreich, project address (505 MAGNOLIA TREE DRIVE GAUTIER, MS 39553), drawing title (A001 INDEX OF DRAWINGS), and drawing metadata.

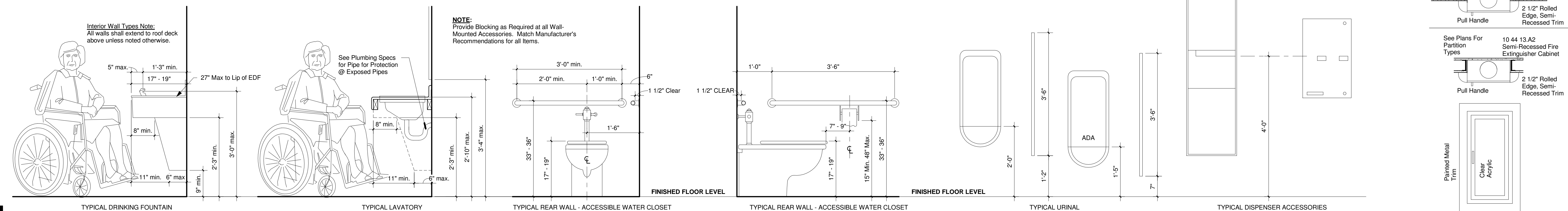


Code Review	
Applicable Codes: 2018 IBC family of Codes 2018 IEBC	
<b>International Existing Building Code 2018</b>	<b>International Building Code 2018</b>
<b>Chapter 6 - Classification of Work</b>	<b>Chapter 3 - Use and Occupancy Classification</b>
<b>Section 603 Classification - Alteration Level 2</b>	<b>Section 305 Classification - Education Group E</b>
<b>Section 606 Additions</b> 606.2 Additions to existing buildings shall comply with chapter 11.	<b>Chapter 6 - Types of Construction</b>
<b>Chapter 8 - Alterations Level 2</b>	<b>Table 601- FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS (HOURS)</b> Type IIS- no ratings required
<b>Section 803.2 - Automatic Sprinkler Systems</b> 803.2.2: An automatic sprinkler shall be provided in Group E, with exits serving an occupant load over 30 where both of the following conditions occur: 1. the work area exceeds 50 percent of the floor area. 2. the work area does not exceed 50 percent of the work area, therefor is not sprinklered.	<b>Chapter 10 - Means of Egress</b>
<b>Building Area Total- 15688 sf</b> <b>Work Area Total- 5895 sf</b>	<b>Table 1004.5 - Max Floor Area Per Occupant</b> Business Areas = 100 gross sf / Occupant = 1 occupant Assembly unconcentrated= 15 net/ Occupant = 164 Occupants Kitchen, Commercial= 200 gross/ Sqft= 12 Storage= 300 gross/ sq ft = 3 Occupants Total Occupancy Load 180 Occupant Load
<b>Chapter 11 - Additions</b>	
<b>Section 1102 - Heights and Areas</b> 1102.3- Fire Protection Systems: Existing fire areas increased by the addition shall comply with Chapter 9 of the International Building Code.	

**2 Code Review - Cafeteria Addition and Renovation**  
1/4" = 1'-0"



**3 WALL TYPES**  
1" = 1'-0"



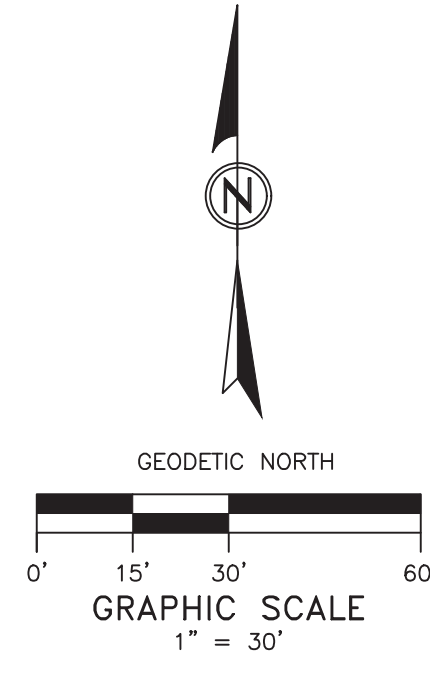
Revisions		
No.	Description	Date

**PASCAGOULA-GAUTIER SCHOOL DISTRICT**  
**GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)**

**505 MAGNOLIA TREE DRIVE**  
**GAUTIER, MS 39553**

**A002**  
WALL TYPES / CODE REVIEW  
AND LIFE SAFETY PLANS

Drawn By: TFJ/Mc  
Checked By: RCF  
Date: 08/07/2023  
Scale: Project Number: 22050.01



PREPARED BY:

**MP** CIVIL  
ELECTRICAL  
MECHANICAL  
SURVEYING

1818 Howard Ave., Suite F  
Biloxi, Mississippi 39530  
O: 228.388.1950 | F: 228.388.1971  
www.mpeniusus.com

SCALE:	AS SHOWN
PROJECT NO.:	0111.02.000
DATE:	10/06/2022
DRAWN BY:	JSP
CHECKED BY:	OSD
LOCATION:	

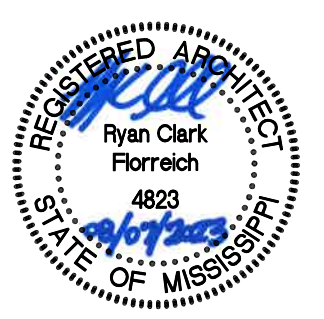
**TOPOGRAPHIC SURVEY OF  
GAUTIER ELEMENTARY SCHOOL**

**CITY OF GAUTIER,  
JACKSON COUNTY,  
MISSISSIPPI**

SHEET NO. **TOPO**  
SHEET 1 OF 1

Revisions		
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SCHOOL KITCHEN  
RENOVATION (RE-BID)



505 MAGNOLIA TREE DRIVE  
GAUTIER, MS 39553

### A101

DEMOLITION - CAFETERIA

Drawn By TFJ/Mc	Checked By RCF	Date 08/07/2023
Scale As indicated	Project Number 22050.01	

### GENERAL DEMOLITION NOTES

- All information is based on field observations and owner supplied documents and may not reflect actual field conditions. Upon discovery of any discrepancies between drawings depicting existing conditions or upon discovery of unknown conditions detrimental to the completion of the work as indicated in the documents, the contractor shall immediately notify the architect, in writing, of the condition in question before proceeding with work in that area.
- Salvage is defined as carefully removing and retaining items for reuse. Further evaluation of certain items in terms of salvage desirability may occur prior to construction.
- Areas shall be surveyed by owner and contractor prior to demolition. Materials and fixtures to be salvaged and stored for reuse shall be tagged by the contractor as directed by the owner. Materials and fixtures to be reused shall be protected against damage.
- Contractor is responsible for all shoring and bracing necessary to maintain structural integrity.
- If any existing fireproofing or assemblies which are indicated to remain are damaged during demolition the contractor shall repair damage to the level of the original fire protection requirements.
- Remove existing construction as indicated. The typical wall removal includes finishes and mechanical, plumbing and electrical systems contained therein. Remove doors, casework, windows, frames, and other fixtures as required. After removal of pipe chases, patch holes in floors or existing walls to remain to meet original fire protection and structural requirements. Patch adjoining walls, floors and deck and prepare surfaces to receive a new finish as per finish schedule.
- Care shall be taken at interface between demolition and existing construction to remain to avoid damage to any system to remain.
- The contractor shall be responsible for existing substrate correction in all areas where mechanical, plumbing and electrical equipment and services are removed.
- It is intended that removal of all major mechanical, plumbing and electrical items be completed by their respective trades. All items to be removed are not necessarily shown on these documents. Once removal of major items is completed by respective trades, the remaining items are to be removed by the general contractor.
- All existing construction remaining after demolition that interferes with new construction shall be removed as directed by the architect upon notification by the contractor.
- Wall, floor and ceiling demolition includes any and all mastic, applied finish material, shelving, cabinet work, brackets, standards, anchors, fasteners, bases, curbs and fixtures (whether or not specifically noted) that interfere with the new construction.
- Provide temporary protection as necessary to seal building from the elements and maintain building security where demolition is indicated.
- The contractor shall notify, coordinate, schedule and receive prior permission from the owner if any shutdown of services is necessary to complete the work. Notification shall include the type of service, area affected, requested shutdown time, length of time, service to be disconnected and proposed reconnection time.
- Demolition work shall be executed in conformance with all codes and ordinances as set forth by all governing authorities.
- Contractor shall patch/repair any and all damage to existing walls and roofs caused by construction.
- Remove Electrical and Communications outlets, conduit, junction boxes, light fixtures, wiring in its entirety capping at best location per new work to be completed in area shown. Coordinate with Owner on any equipment to be salvaged prior to demolition. Refer to Electrical Drawings and Specifications for additional detail and requirements.

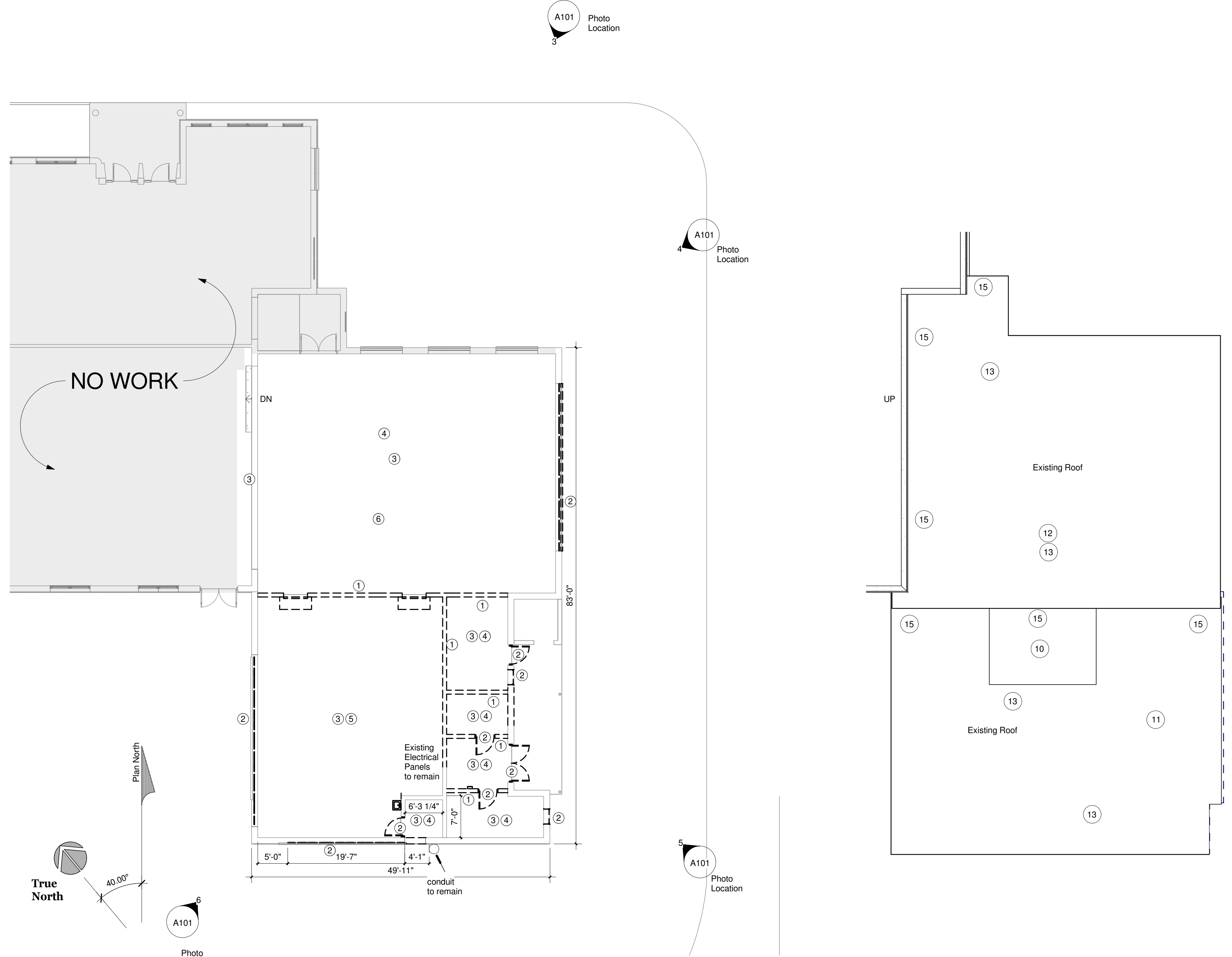
REFER TO LANDSCAPE/SITE, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS FOR ADDITIONAL DEMOLITION DETAILS AND REQUIREMENTS.

### DEMOLITION KEYNOTES

- Remove and dispose existing walls in their entirety in area shown and/or as otherwise indicated.
- Remove and dispose existing door or window, frame, and hardware in their entirety. Prepare opening for new wall infill as indicated in new work.
- Remove and dispose existing flooring, wall base and any associated mortar and grout. Prepare existing concrete floor to receive new flooring.
- Remove and dispose existing LAT ceiling system, tiles, and supports, prep for new LAT ceiling system. See Mechanical and Electrical drawings for demolition and rearrangement of diffusers, light fixtures and other ceiling mounted equipment.
- Remove and dispose appliances and equipment. Contractor shall coordinate with owner on final item to be disposed of and any items to be salvaged.
- Wood frame temporary construction wall, tight from floor to ceiling, Contractor to provide and install framing for temporary wall, and paint the plywood at the dining room side.
- Not Used
- Remove and dispose of foldable partition and associated hardware.
- Demo windows, prepare surface for new infill wall.
- Demo roof and support roof deck where indicated. SEE STRUCTURAL
- DEMO Roof and supporting roof deck where indicated. SEE STRUCTURAL
- DEMO RTUs. SEE MECHANICAL
- Contractor shall DEMO existing roof (at entire work area) to tectum decking and prepare deck to receive new roof system.
- Remove and dispose of existing fascia.
- Remove existing roof flashing at wall, prepare roof to receive new flashing at wall.

### GRAPHICS LEGEND

	DEMOLISH
	EXISTING WALL
	NO WORK (UNLESS NOTED OTHERWISE)



1 Cafeteria Demolition Floor Plan  
3/32" = 1'-0"

2 Cafeteria Demolition Roof Plan  
3/32" = 1'-0"



6 Existing Photo  
NOT TO SCALE



5 Existing Photo  
NOT TO SCALE



4 Existing Photo  
NOT TO SCALE

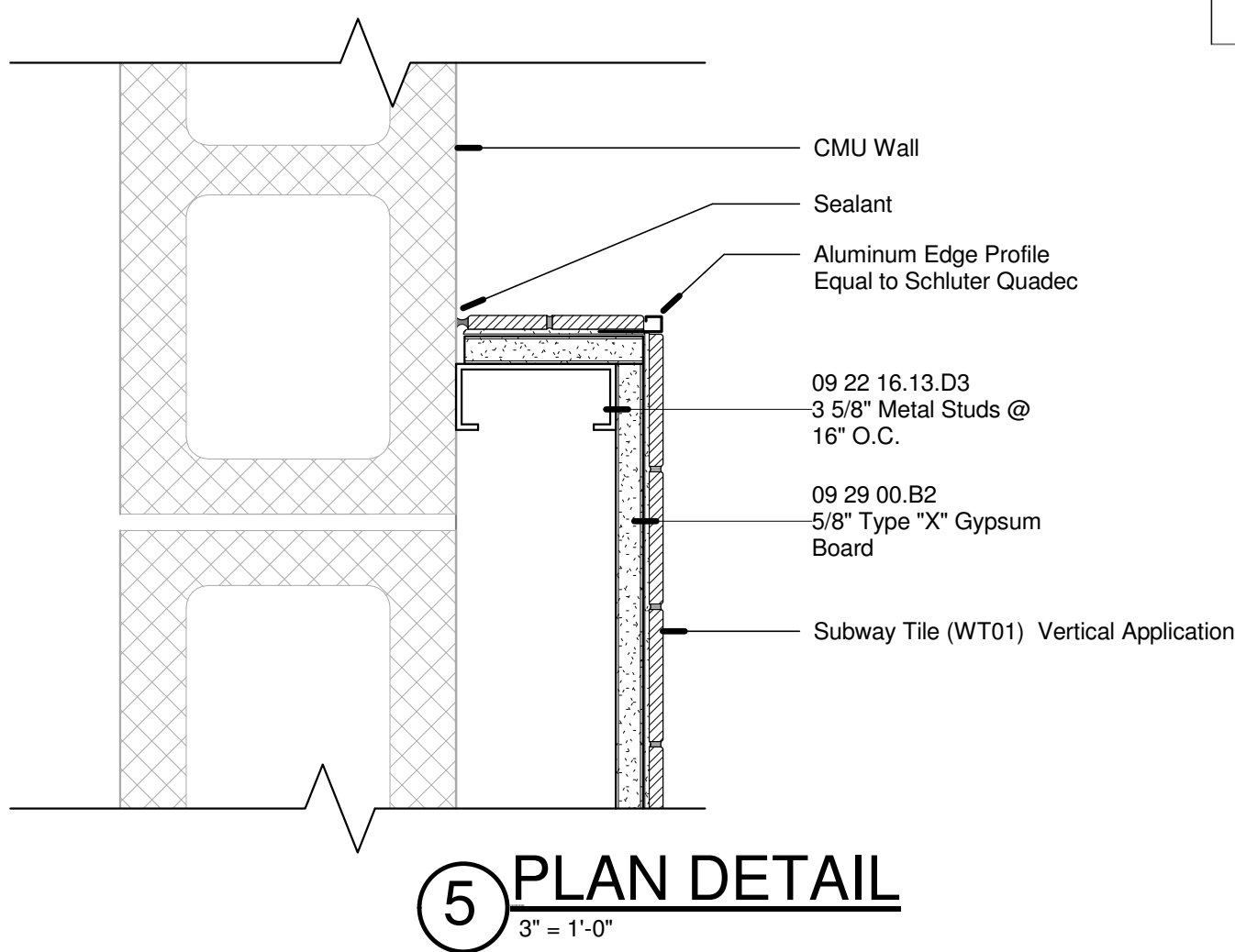
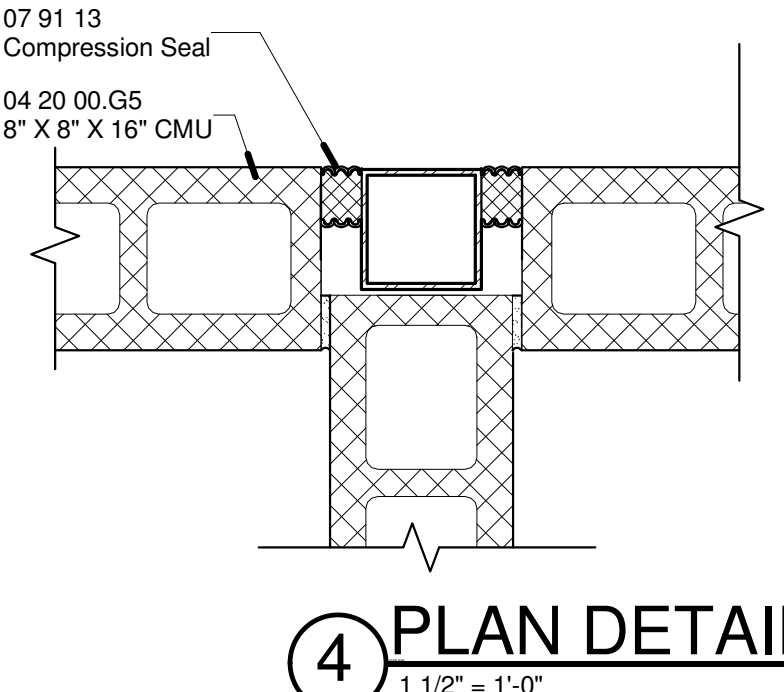
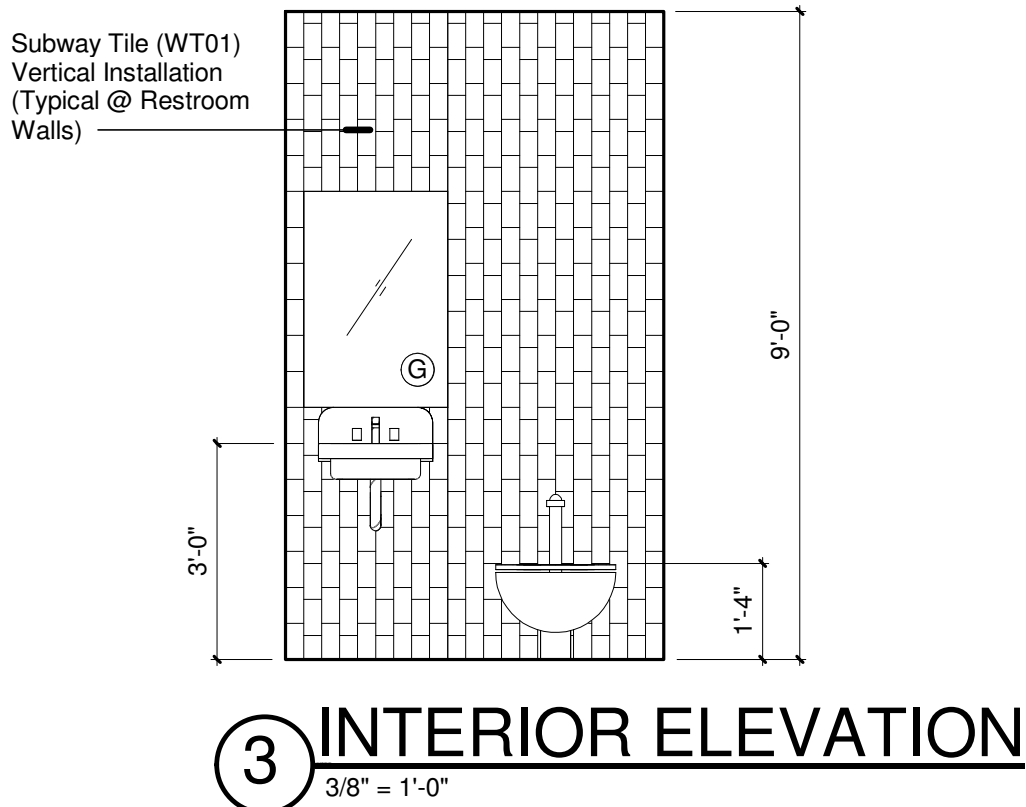
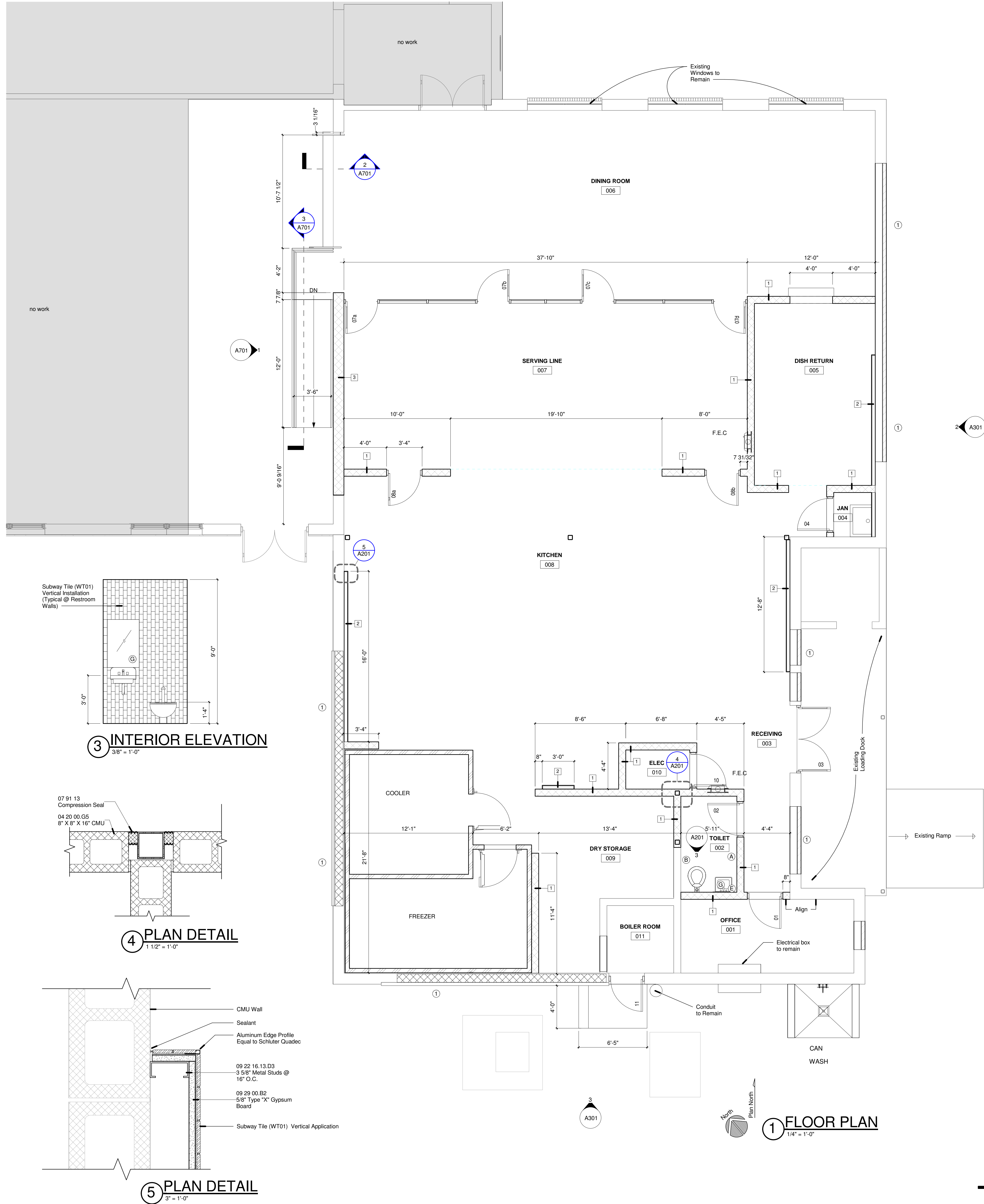
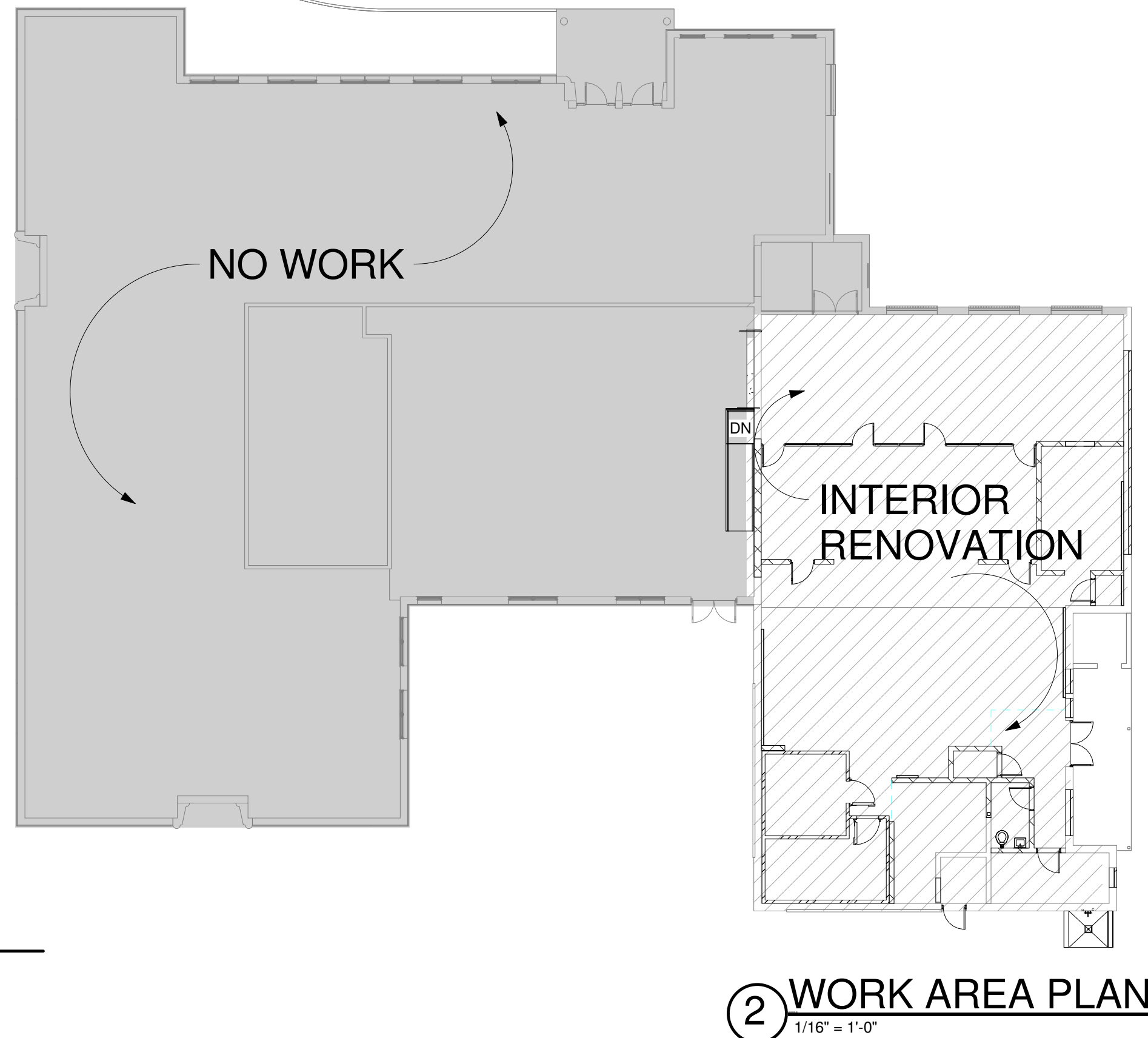


3 Existing Photo  
NOT TO SCALE

GENERAL NOTES	
1.	CONTRACTOR SHALL VISIT SITE PRIOR TO PERFORMING ANY WORK TO FAMILIARIZE HIMSELF WITH EXISTING CONDITIONS AS THEY RELATE TO PROJECT REQUIREMENTS.
2.	CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS, DIMENSIONS, AND ELEVATIONS PRIOR TO CONSTRUCTION/FABRICATION/PLACEMENT OF WORK AND ADJUST AS REQUIRED OR DIRECTED. NO INCREASE IN THE CONTRACT SUM WILL BE PERMITTED FOR NON-COMPLIANCE.
3.	EXISTING FINISHES/CONSTRUCTION DISTURBED BY INSTALLATION OF NEW WORK SHALL BE PATCHED, FINISHED, PAINTED, AND REPAIRED TO MATCH EXISTING.
4.	CUT-OFF, CAP EXISTING UTILITIES WITHIN EXISTING CONSTRUCTION AND TEST ALL UTILITIES WHERE EQUIPMENT ITEMS ARE MODIFIED OR REMOVED.
5.	OFFER ALL SALVAGED ITEMS NOT INCORPORATED INTO THE PROJECT TO OWNER. IF ACCEPTED, DELIVER TO OWNER AS DIRECTED. IF REFUSED, REMOVE ITEMS PROMPTLY FROM THE SITE.
6.	THE DRAWINGS SHOW PRINCIPAL AREAS WHERE WORK MUST BE ACCOMPLISHED UNDER THIS CONTRACT. INCIDENTAL WORK MAY ALSO BE NECESSARY IN AREAS NOT SHOWN ON DRAWINGS DUE TO CHANGES EFFECTING EXISTING MECH., ELEC., OR OTHER SYSTEMS. SUCH INCIDENTAL WORK IS PART OF THIS CONTRACT. INSPECT THOSE AREAS, ASCERTAIN WORK NEEDED, AND DO THAT WORK IN ACCORDANCE WITH SIMILAR CONTRACT REQUIREMENTS, AT NO ADDITIONAL COST TO THE OWNER.
7.	WHERE CUTTING OF EXISTING SURFACES OR REMOVAL OF EXISTING FINISHES/ITEMS REQUIRED TO PERFORM THE WORK, AND A NEW FINISH IS NOT INDICATED, FILL RESULTING OPENING AND PATCH THE SURFACE AFTER PERFORMING THE WORK AND FINISH TO MATCH ADJACENT SURFACES.
8.	SEAL TIGHT AND PROTECT WITH U.L. RATED SAFING-SEALANT AT NEW AND EXISTING SLEEVES/PENETRATIONS OF FIRE-RATED ASSEMBLIES.
9.	THE HIGHEST QUALITY OF WORKMANSHIP IS A REQUIREMENT OF THIS CONTRACT. EMPLOY ONLY SKILLED CRAFTSMEN TO EXECUTE THE WORK. NON-COMPLYING WORK SHALL BE REJECTED. PATCHING OF NEW/EXISTING WORK WHICH IS DISCERNABLE IN FINISH APPEARANCE, SHALL BE REMOVED AND REPLACED AT NO ADDITIONAL COST TO THE OWNER.
10.	THROUGHOUT THE COURSE OF THE WORK, MAINTAIN CLEAR UNOBSTRUCTED ACCESS TO ALL EXIT PASSAGES.
11.	ELECTRIC PANELS, ALARM BOXES, FIRE EQUIPMENT CABINETS, AND OTHER RECESSED BOXES GREATER THAN 16 SQUARE INCHES THAT ARE LOCATED IN RATED WALLS SHALL BE BACKED BY GYPSUM WALLBOARD LAYERS SUFFICIENT TO MAINTAIN THE DESIGNATED RATING.
12.	ALL VERTICAL PIPING EXPOSED IN ROOMS SHALL BE FURRED AND FINISHED TO MATCH ADJACENT WALL. EXCEPTIONS ARE MECHANICAL AND EQUIPMENT ROOMS, ELECTRIC AND TELEPHONE CLOSETS.
13.	CEILING AND ACCESS PANELS SHALL BE PROVIDED IN NON-ACCESSIBLE CEILING BELOW THE FOLLOWING MECHANICAL AND PLUMBING DEVICES: VALVES, FLOW MEASURING DEVICES, MIXING BOXES, POWER OPERATED DAMPERS, ACCESS PANELS IN DUCTWORK, VOLUME AND BALANCING DEVICES, WATER FLOW SWITCHES, SPRINKLER SYSTEM DRAINS AND TEST CONNECTIONS, AND PRESSURE SWITCHES.
14.	ALL EXISTING WORK, FURNISHINGS, EQUIPMENT, OR MATERIALS TO REMAIN THAT ARE DAMAGED BY CONTRACTOR'S OPERATIONS UNDER THIS CONTRACT SHALL BE REPAIRED AT NO ADDITIONAL COST TO OWNER.
15.	ALL RATED PARTITIONS TO SEAL AGAINST THE FLOOR, STRUCTURE ABOVE, AND ADJACENT STRUCTURE WITH UNINTERRUPTED RATING INDICATED. SEAL ALL GAPS/PENETRATIONS WITH FIRESTOPPING.
16.	ALL GYPSUM BOARD INDICATED IN RATED PARTITIONS IS 5/8" TYPE "X".
17.	WHERE WORK UNDER THIS CONTRACT REQUIRES PENETRATING EXISTING ROOF, ALL PATCHING/REPAIRS TO EXISTING ROOF SHALL BE MADE IN SUCH A MANNER AND BY PERSONS AS TO NOT VOID EXISTING ROOF GUARANTEES AND/OR WARRANTIES. PROVIDE POSITIVE SLOPE TO EXISTING ROOF DRAINS.

CONSTRUCTION NOTES	
①	Infill wall opening with materials in keeping with existing wall construction. Areas of exterior infill brick should be completed with brick size,color and pattern to match existing. Brick infills are to be toothed-in.
②	Infill wall opening with materials in keeping with existing wall construction. Areas of exterior infill brick should be completed with brick size,color and pattern to match existing. Brick infills are to be toothed-in.

TOILET ACCESSORIES LEGEND				
ITEM #	ITEM	Type	FURNISHED BY	INSTALLED BY
A	PAPER TOWEL DISPENSER		CONTRACTOR	CONTRACTOR
B	TOILET TISSUE DISPENSER		CONTRACTOR	CONTRACTOR
C	GRAB BARS	Length: 36" @ Rear and 42" Side (See A002 for mounting)	CONTRACTOR	CONTRACTOR
D	CLOTHES HOOKS, ROBE OR COAT	Mount 2 @ each location @ 42" and 60" Above Finish Floor	CONTRACTOR	CONTRACTOR
E	SOAP DISPENSER		CONTRACTOR	CONTRACTOR
F	TRASH RECEPTACLE	REFER TO SPEC. SECTION 102800	CONTRACTOR	CONTRACTOR
G	MIRROR	Stainless Steel Framed 24" w x 30" h Mirror	CONTRACTOR	CONTRACTOR



**JBHM**  
Architecture

Columbus  
Jackson  
Tupelo  
800 864 2863  
jbhm.com

PASCAGOULA-GAUTIER SCHOOL DISTRICT

**GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)**

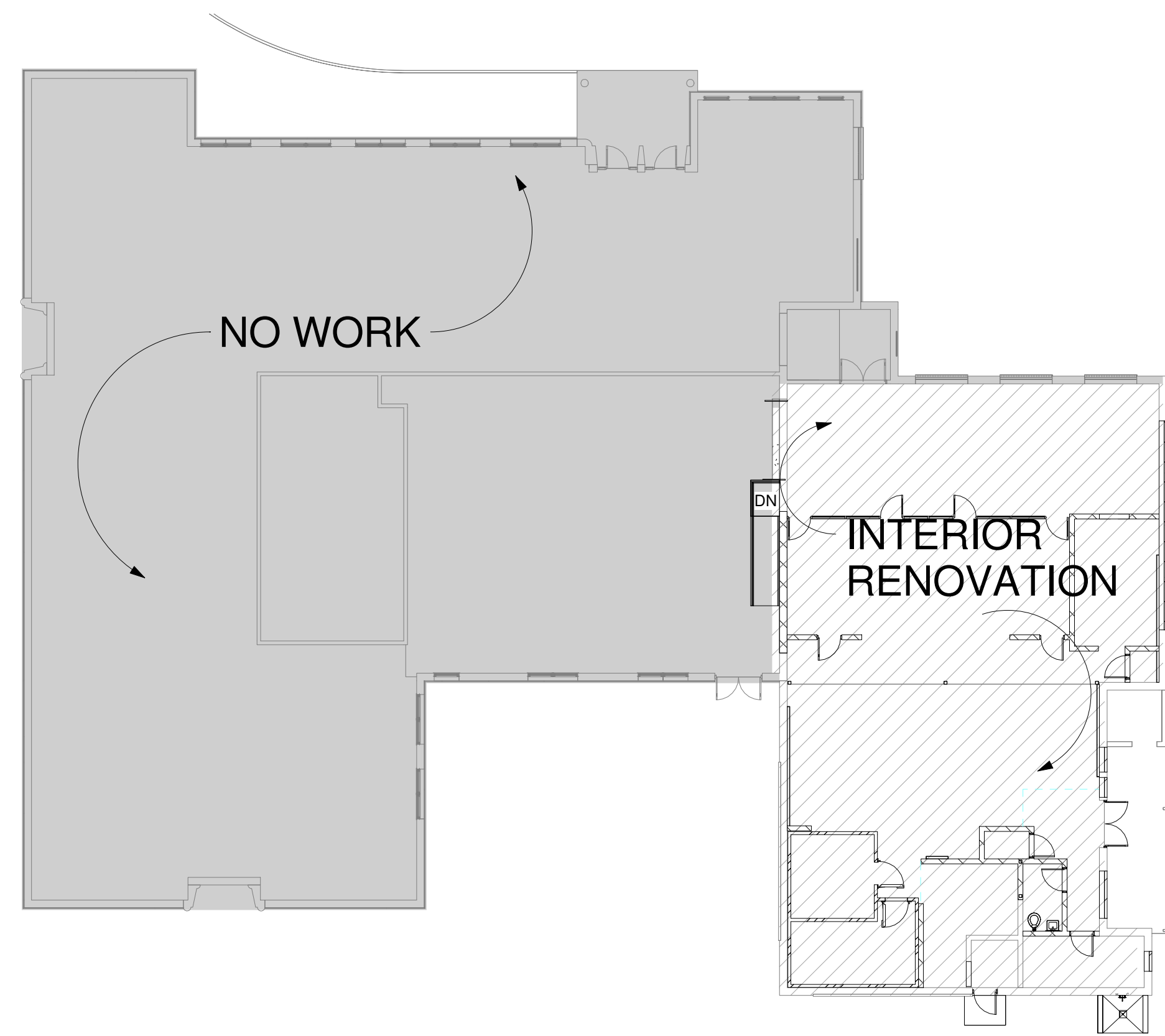
Revisions		
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PASCAGOULA-GAUTIER SCHOOL DISTRICT  
GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)

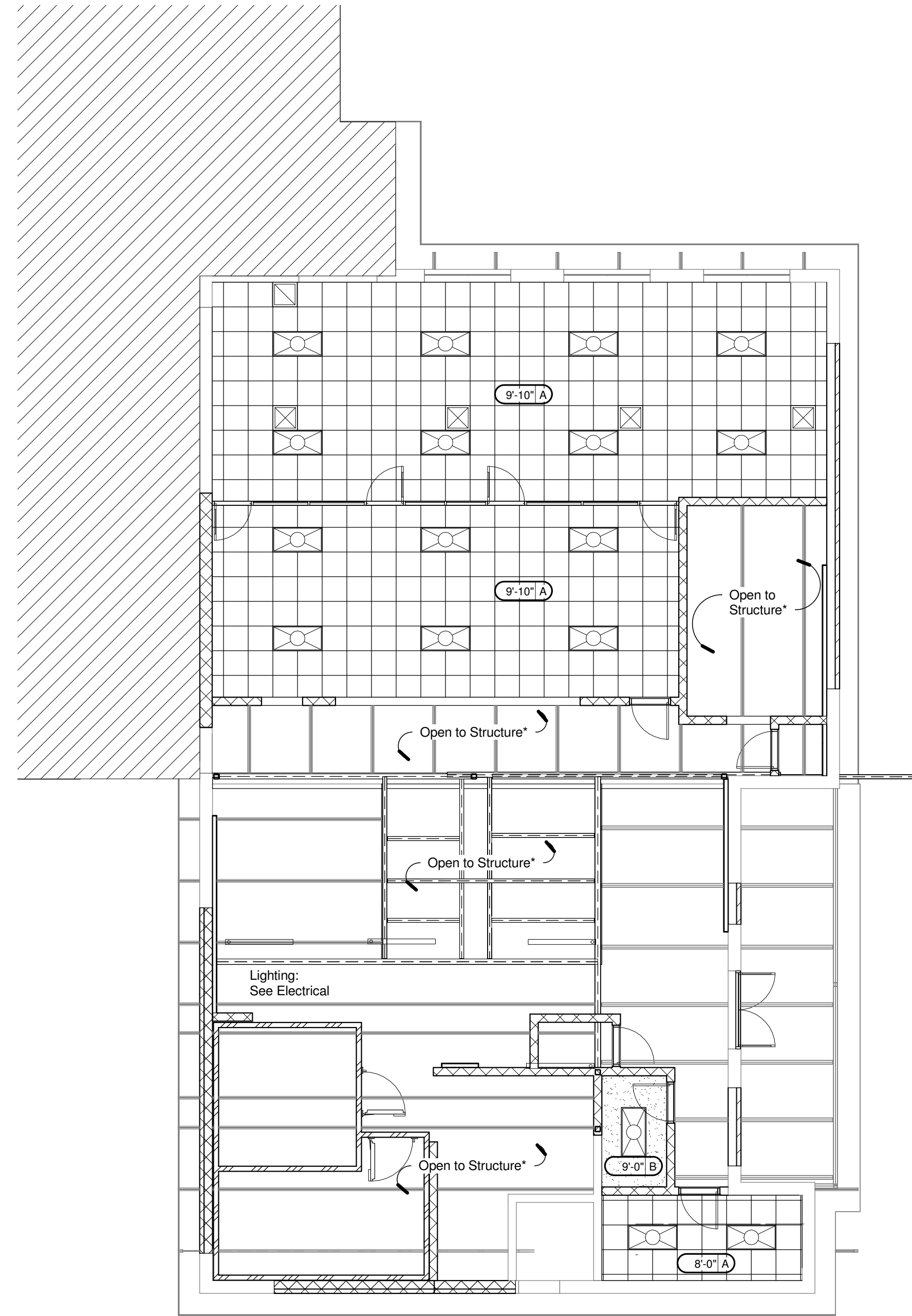
505 MAGNOLIA TREE DRIVE  
GAUTIER, MS 39553

**A201**  
FLOOR PLAN - CAFETERIA

Drawn By JMc	Checked By RCF	Date 08/07/2023
Scale As indicated	Project Number 22050.01	



② Work Area Plan - Cafeteria  
1/16" = 1'-0"



\*NOTE: Areas indicated (Open to Structure) shall be painted (PT01). Paint to include structural deck and structural steel.

① Reflected Ceiling Plan - Cafeteria  
1/8" = 1'-0"

**CEILING LEGEND**

- Contractor to coordinate with mechanical & electrical drawings for items located in ceilings for all components not shown on this sheet.
- The contractor shall verify that access panels of appropriate size & type are installed in gypsum board ceilings or soffits, and in other non-accessible type ceiling or soffits where access, service, or adjustment to mechanical, plumbing, fire protections, or electrical systems may be required. **The contractor shall take special care to locate all system components, etc. requiring access above accessible ceilings. Location(s) of all access panels to be approved by architect prior to installation.**
- The contractor shall also advise the owner that items shall not be placed or stored on top of such shelving so that the code required 18" vertical clearance is maintained.
- Contractor shall install grid aligned through doorways and centered on corridors. Start grid layout with dimensions as shown on plans.
- Contractor shall install Sound Attenuation Blankets above all ceilings.
- Contractor shall coordinate ceiling heights and installation of ceiling and above ceiling components with all trades and report any conflicts to the architect immediately. Contractor is responsible for coordination.

12'-6" A	Ceiling Height   Ceiling Type		Security Camera (See Electrical)
	Type A: Lay-in Acoustical Tile (LTI) Ceiling (See Finish Schedule Types)		Recessed Fluorescent Light Fixture (See Electrical)
	Type B: Painted Gypsum Board (See Finish Schedule Types)		Recessed Fluorescent Light Fixture (See Electrical)
	Supply Air Diffuser (See Mechanical)		Recessed Can Light Fixture (See Electrical)
	Return Air Grille (See Mechanical)		Recessed Can Light Fixture (See Electrical)
	Exhaust Fan Grille (See Mechanical)		



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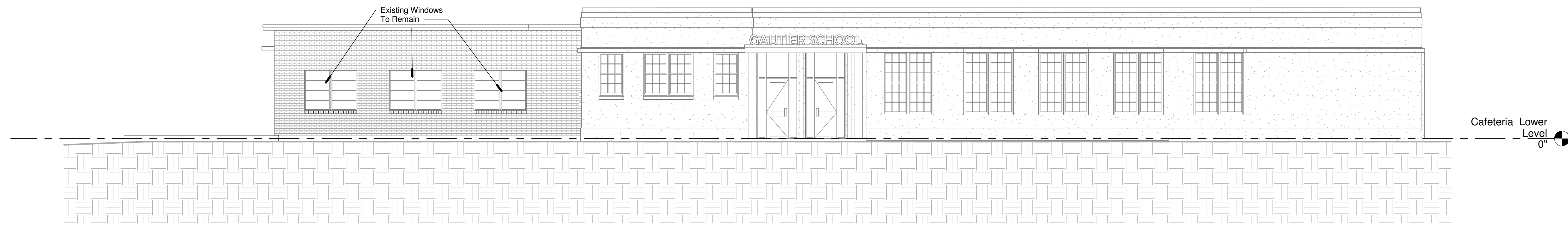
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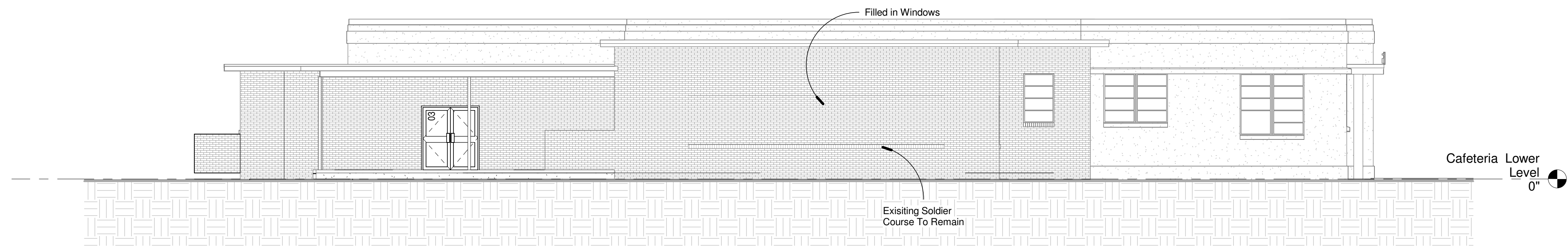
505 MAGNOLIA TREE DRIVE  
GAUTIER, MS 39553

**A210**  
REFLECTED CEILING PLAN -  
CAFETERIA

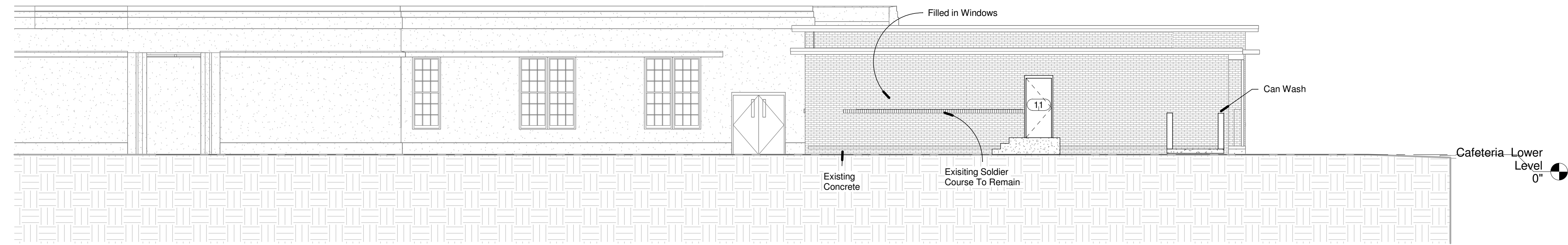
Drawn By TFJ/Mc	Checked By RCF	Date 08/07/2023
Scale As indicated	Project Number 22050.01	



1 North Elevation - Cafeteria  
1/8" = 1'-0"



2 East Elevation - Cafeteria  
1/8" = 1'-0"



3 South Elevation - Cafeteria  
1/8" = 1'-0"



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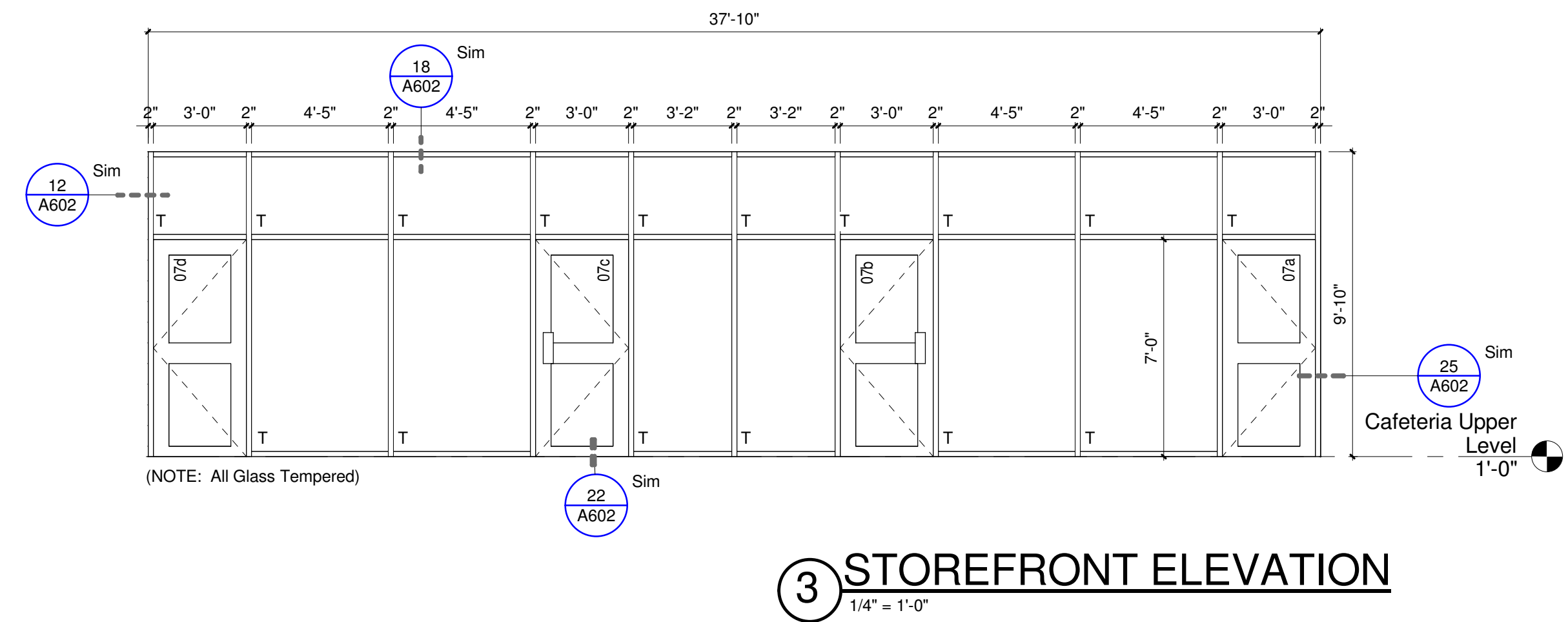
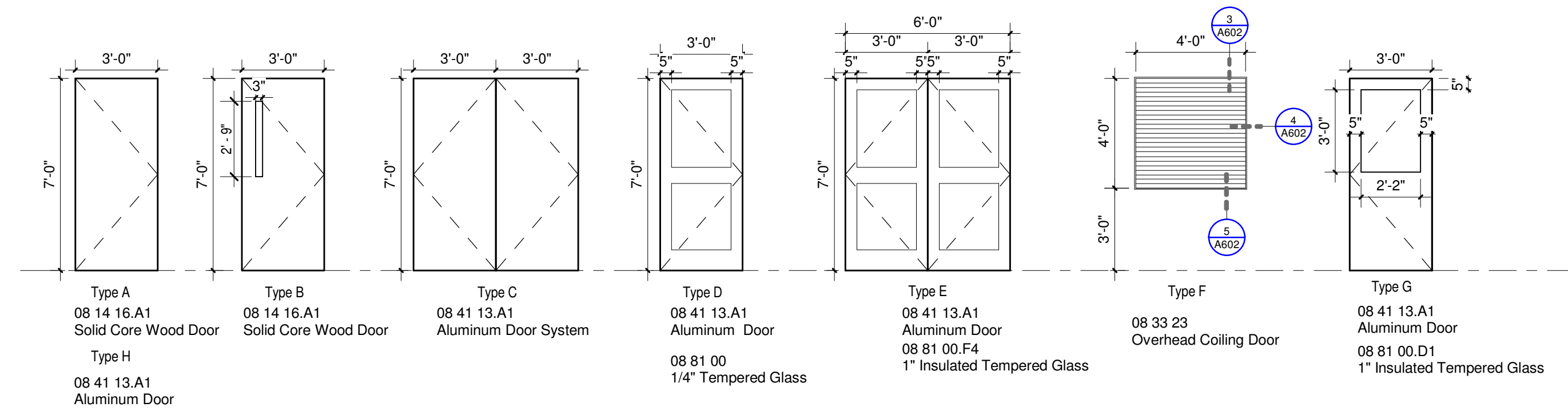
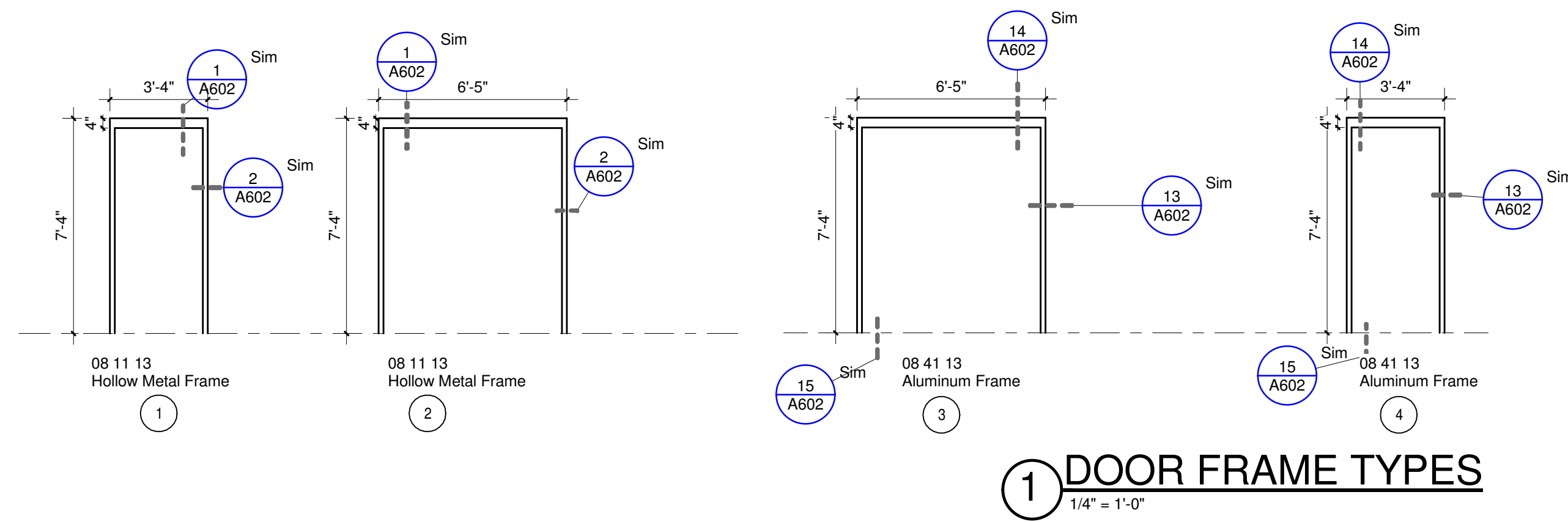
**A301**  
EXTERIOR ELEVATIONS AND  
DETAILS - CAFETERIA

Drawn By	Checked By	Date
TFJ/Mc	RCF	08/07/2023

Scale	Project Number
1/8" = 1'-0"	22050.01

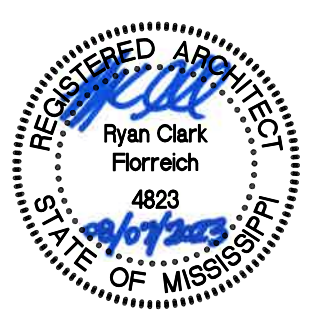


Door No.	Door							Frame						Fire Rating Label	Notes
	Size			Finish	Mtl.	Elevation	Glass	Elevation	Material	Finish	Details				
	W	H	Thk								Head	Jamb	Sill		
01	3'-0"	7'-0"	1 3/4"	CLEAR	WD	TYPE A	-		HM	PTD					
02	3'-0"	7'-0"	1 3/4"	CLEAR	WD	TYPE A	-		HM	PTD					
03	6'-0"	6'-10"	1 3/4"	PTD	AL	TYPE C	-		AL	PTD					
04	3'-0"	7'-0"	1 3/4"	CLEAR	WD	TYPE A	-		HM	PTD					
07a	3'-0"	7'-0"	1 3/4"	PTD	AL	TYPE D	FULL		AL	PTD					
07b	3'-0"	7'-0"	1 3/4"	PTD	AL	TYPE D	FULL		AL	PTD					
07c	3'-0"	7'-0"	1 3/4"	PTD	AL	TYPE D	FULL		AL	PTD					
07d	3'-0"	7'-0"	1 3/4"	PTD	AL	TYPE D	FULL		AL	PTD					
08a	3'-0"	7'-0"	1 3/4"	CLEAR	WD	TYPE B	LITE	1	HM	PTD	1/A602	2/A602	-	C-20	
08b	3'-0"	7'-0"	1 3/4"	CLEAR	WD	TYPE A	-		HM	PTD					
10	3'-0"	7'-0"	1 3/4"	CLEAR	WD	TYPE A	-		HM	PTD					
11	3'-0"	7'-0"	1 3/4"	PTD	AL	TYPE A	-	4	AL	PTD	14/A602	13/A602	15/A602		



Revisions		
No.	Description	Date

PASCAGOULA-GAUTIER  
SCHOOL DISTRICT  
GAUTIER ELEMENTARY  
SCHOOL KITCHEN  
RENOVATION (RE-BID)

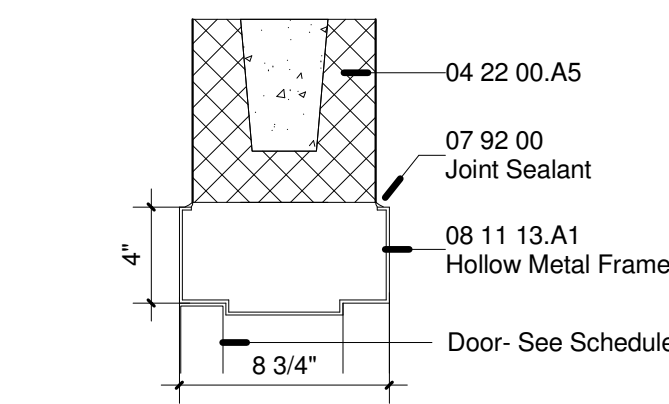


505 MAGNOLIA TREE DRIVE  
GAUTIER, MS 39553

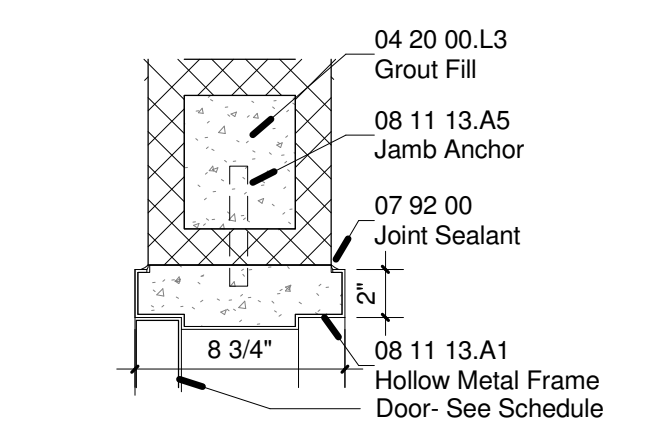
**A601**  
DOORS AND WINDOWS -  
SCHEDULE AND TYPES

Drawn By	Checked By	Date
TFJ/Mc	RCF	08/07/2023

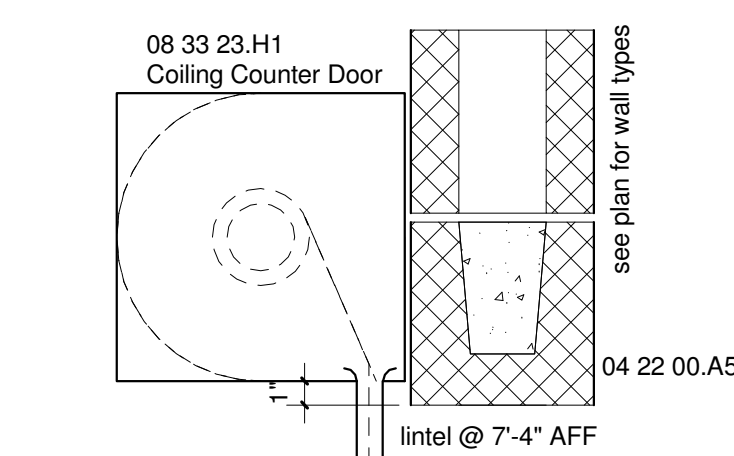
Scale	Project Number
1/4" = 1'-0"	22050.01



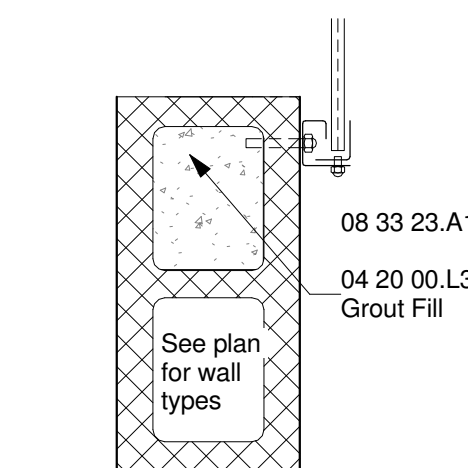
① Head  
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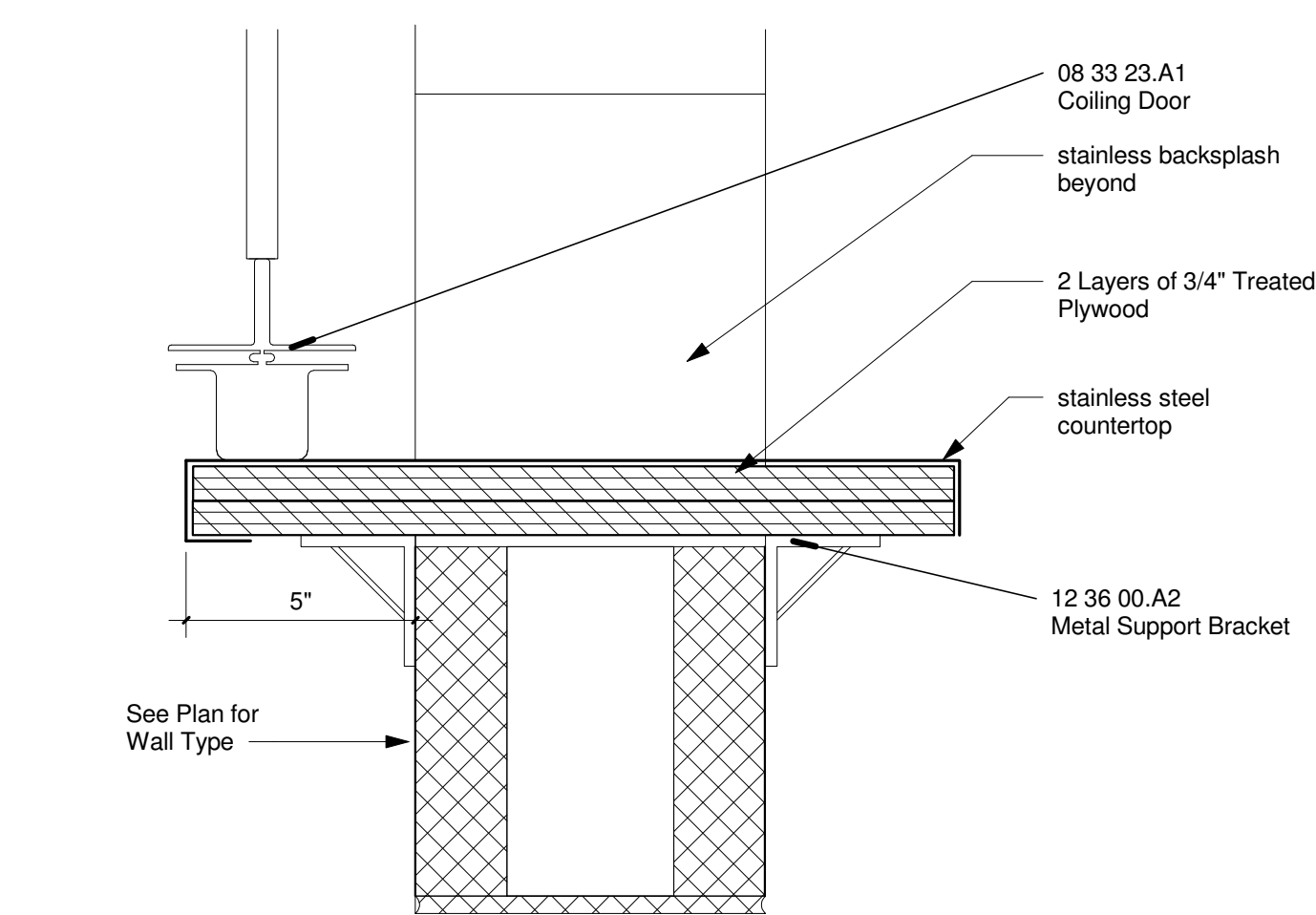
② Jamb  
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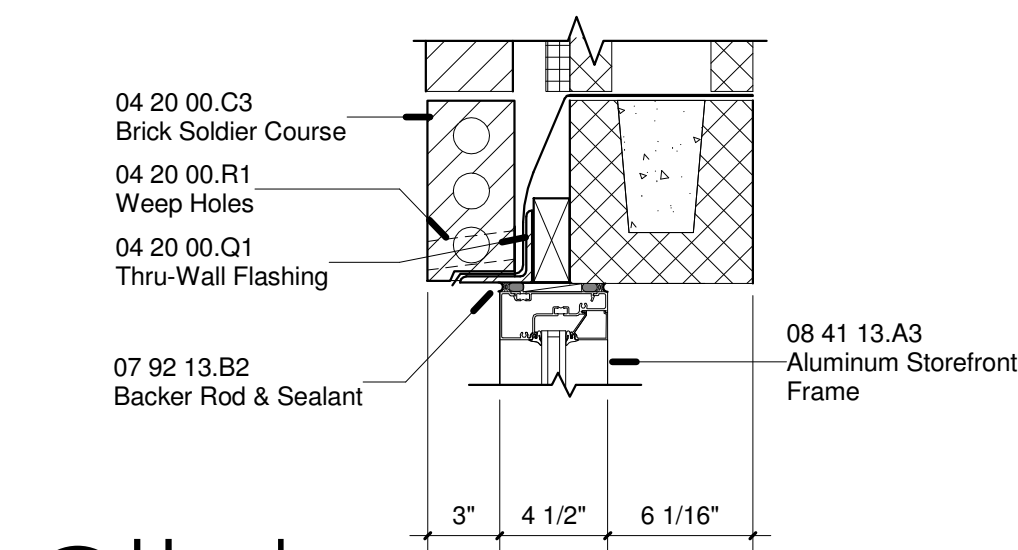
③ Head  
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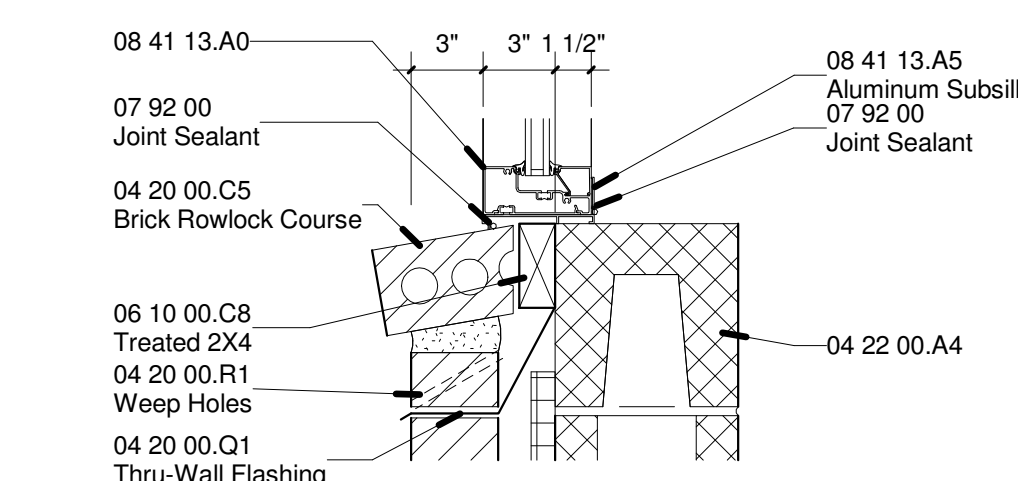
④ Jamb  
1 1/2" = 1'-0"



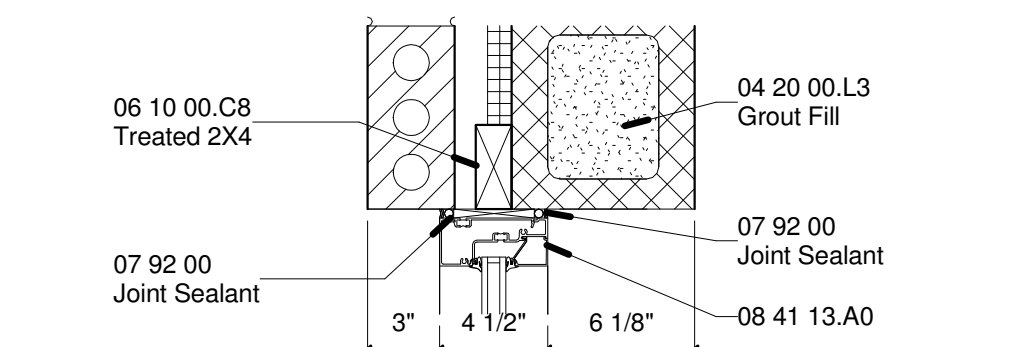
⑤ Coiling Door Sill Detail  
3" = 1'-0"



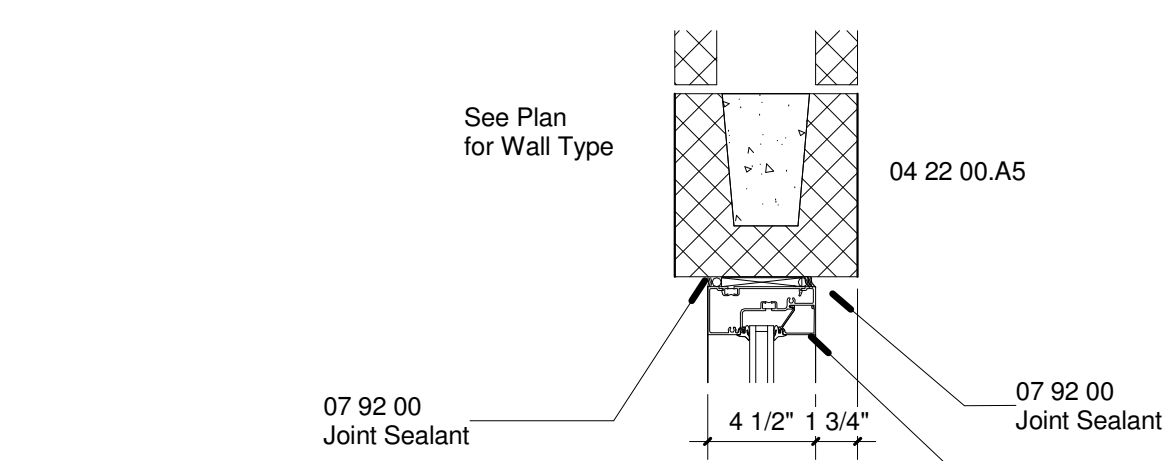
⑥ Head  
1 1/2" = 1'-0"



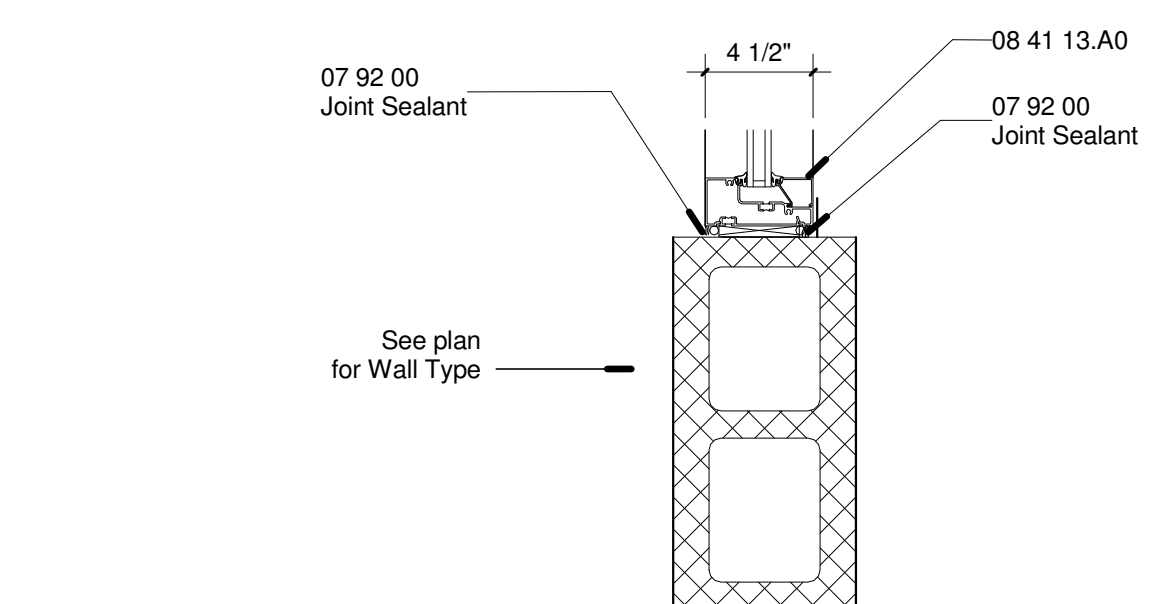
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1 1/2" = 1'-0"



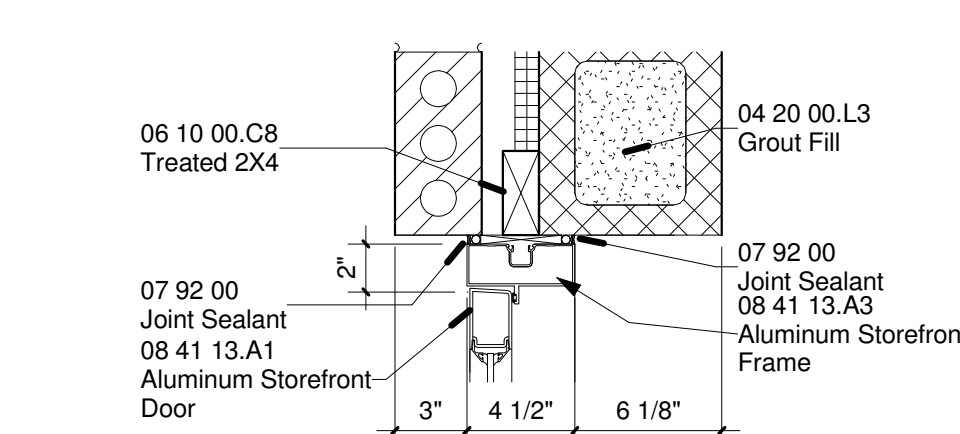
⑧ Jamb  
1 1/2" = 1'-0"



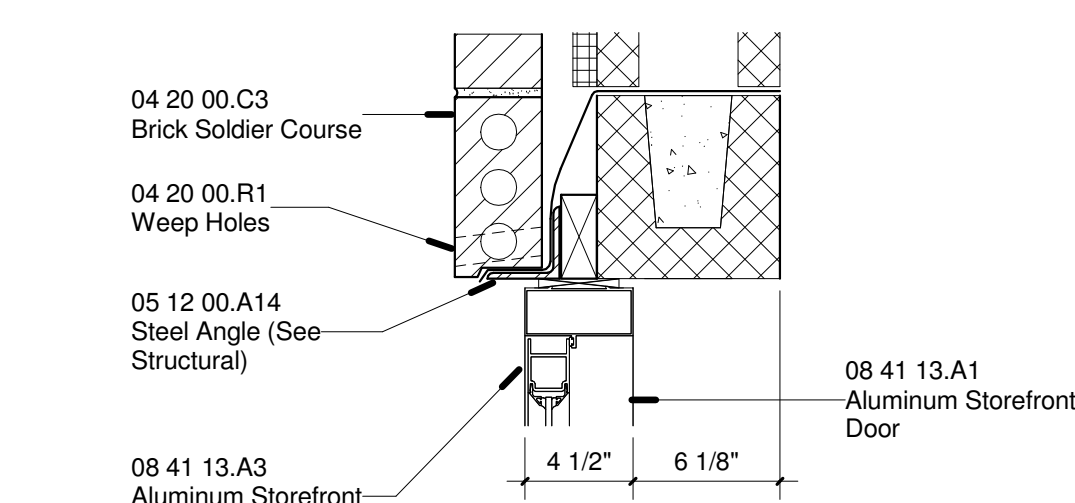
⑨ Interior Office Window Head  
1 1/2" = 1'-0"



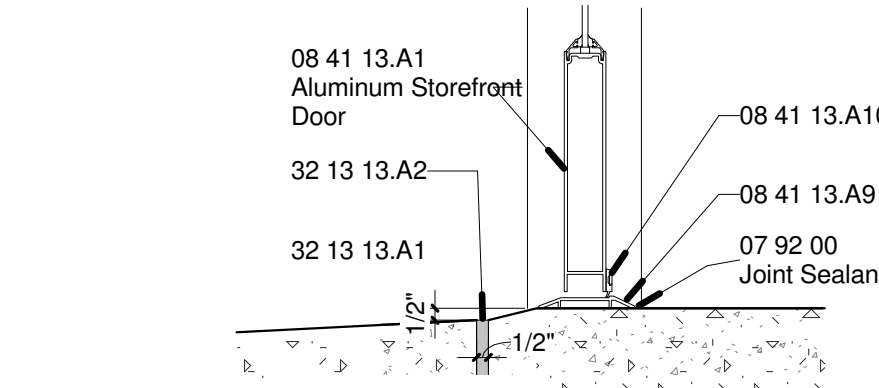
⑩ AI SF- Jamb CMU  
1 1/2" = 1'-0"



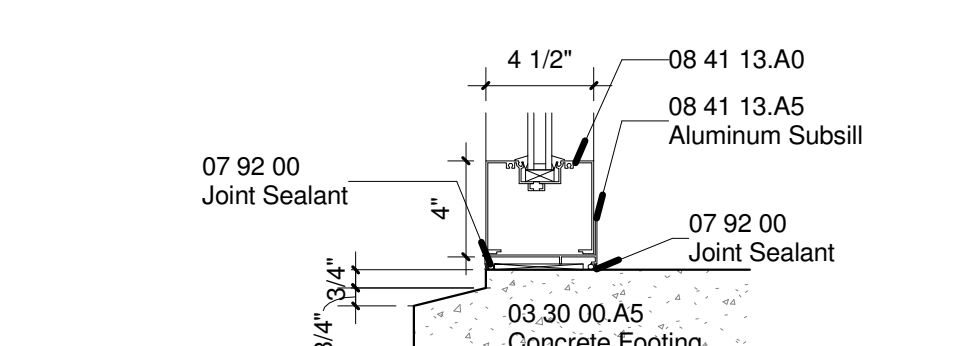
⑪ Jamb  
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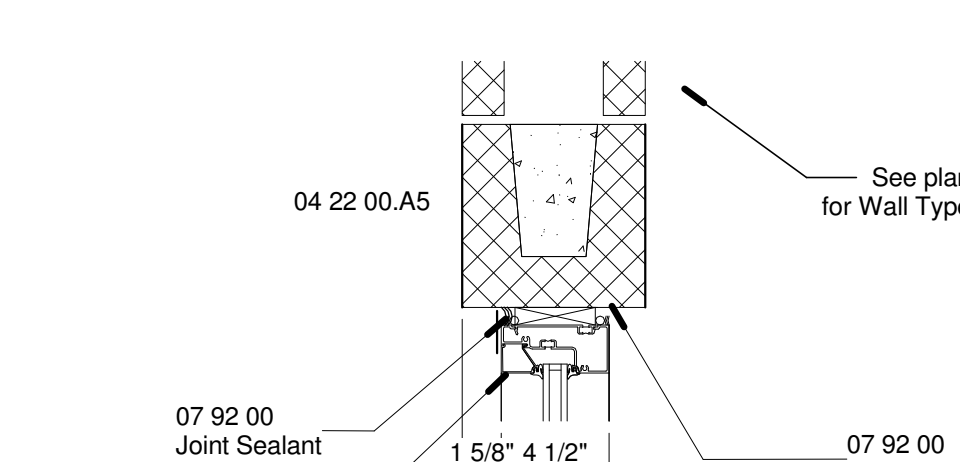
⑫ Head  
1 1/2" = 1'-0"



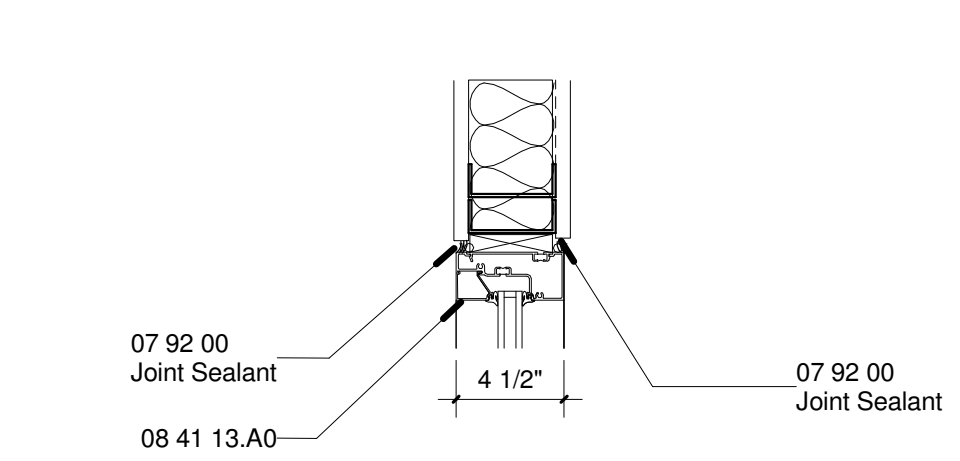
⑬ Sill  
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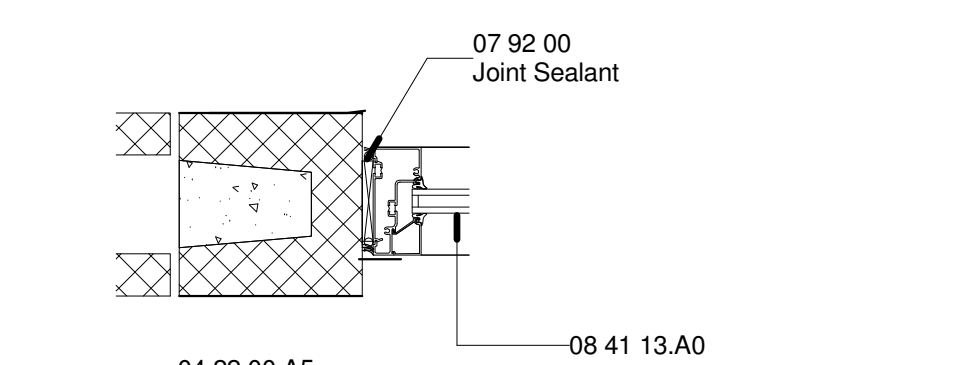
⑭ Sill  
1 1/2" = 1'-0"



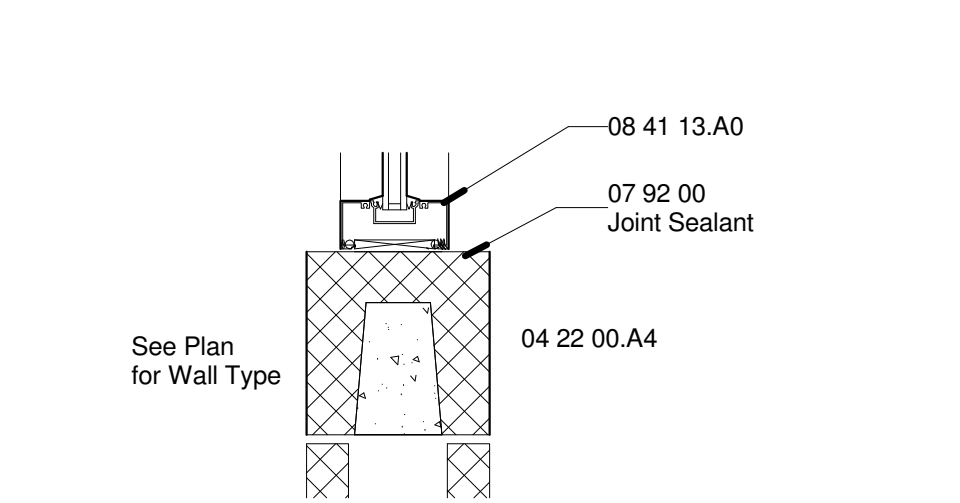
⑮ AL SF -Head CMU  
1 1/2" = 1'-0"



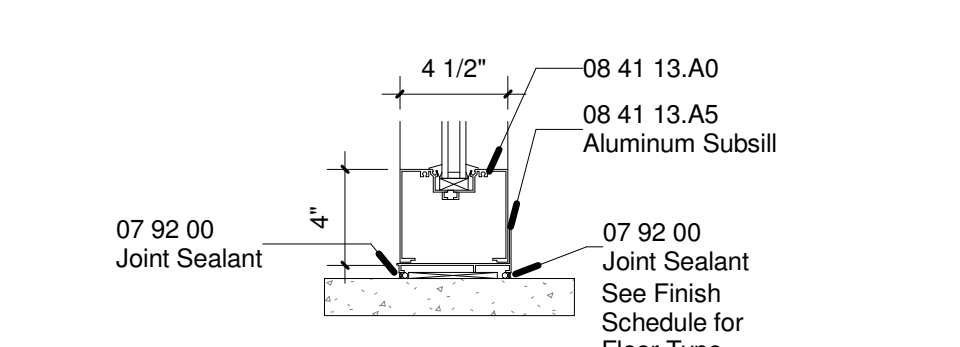
⑯ AL SF - Head Detail  
1 1/2" = 1'-0"



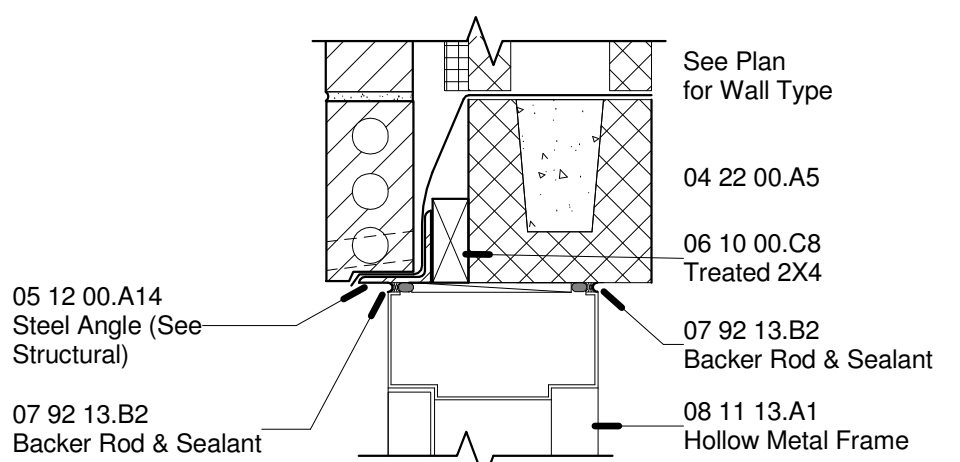
⑰ Interior Office Window Jamb  
1 1/2" = 1'-0"



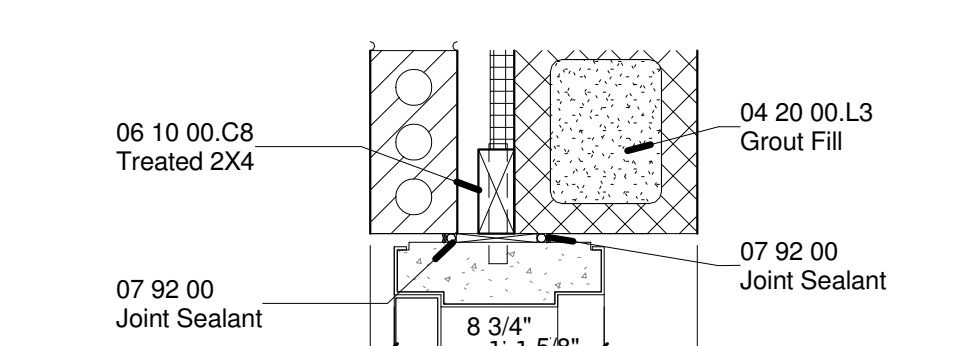
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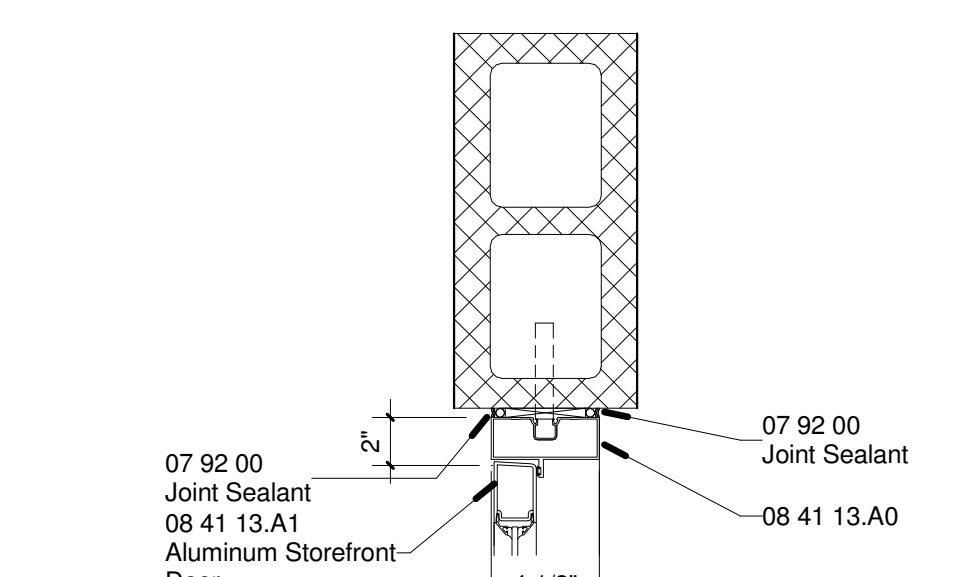
⑲ Interior AI. Storefront Sill  
1 1/2" = 1'-0"



⑳ Head  
1 1/2" = 1'-0"



㉑ Jamb  
1 1/2" = 1'-0"



㉒ AL Door Jamb@ CMU  
1 1/2" = 1'-0"

Revisions		
No.	Description	Date

PASCAGOULA-GAUTIER  
SCHOOL DISTRICT  
GAUTIER ELEMENTARY  
SCHOOL KITCHEN  
RENOVATION (RE-BID)

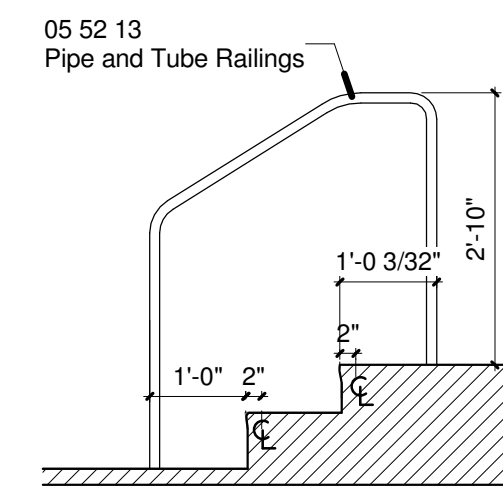
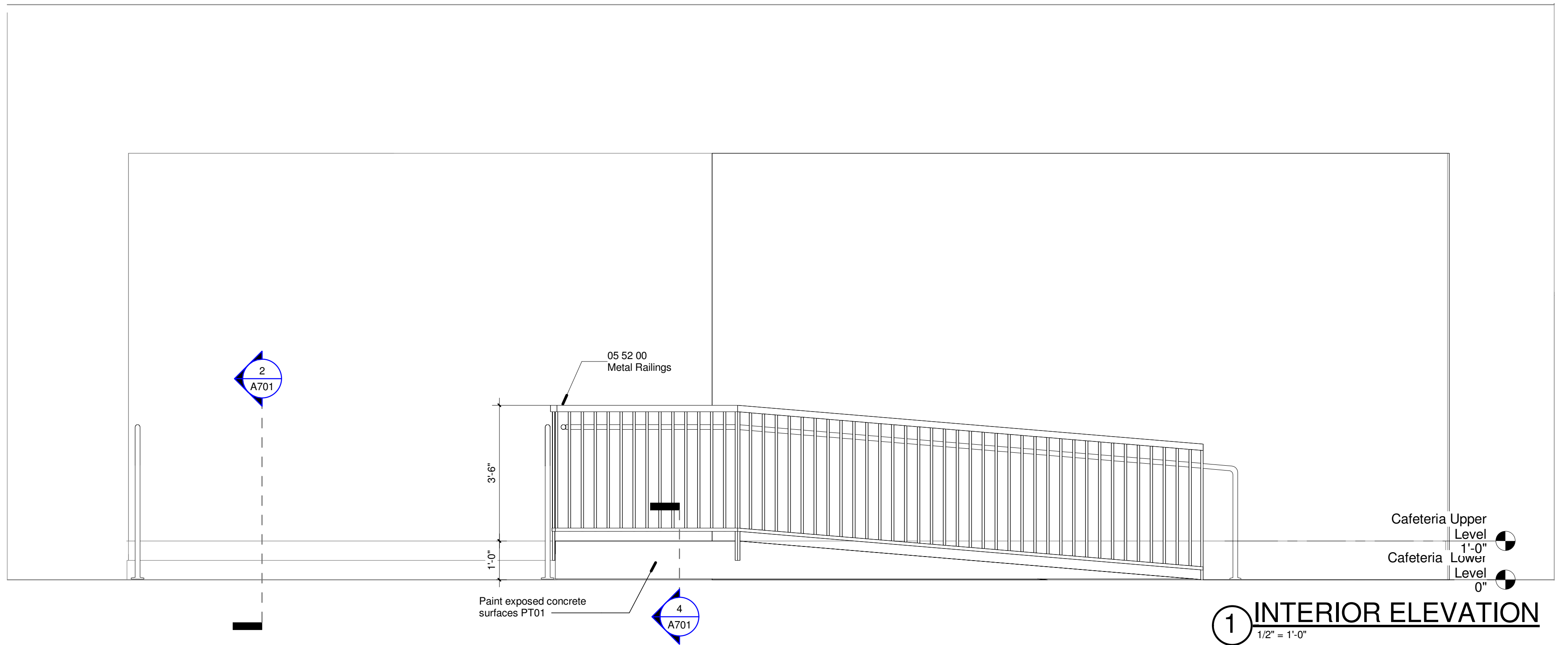


505 MAGNOLIA TREE DRIVE  
GAUTIER, MS 39553

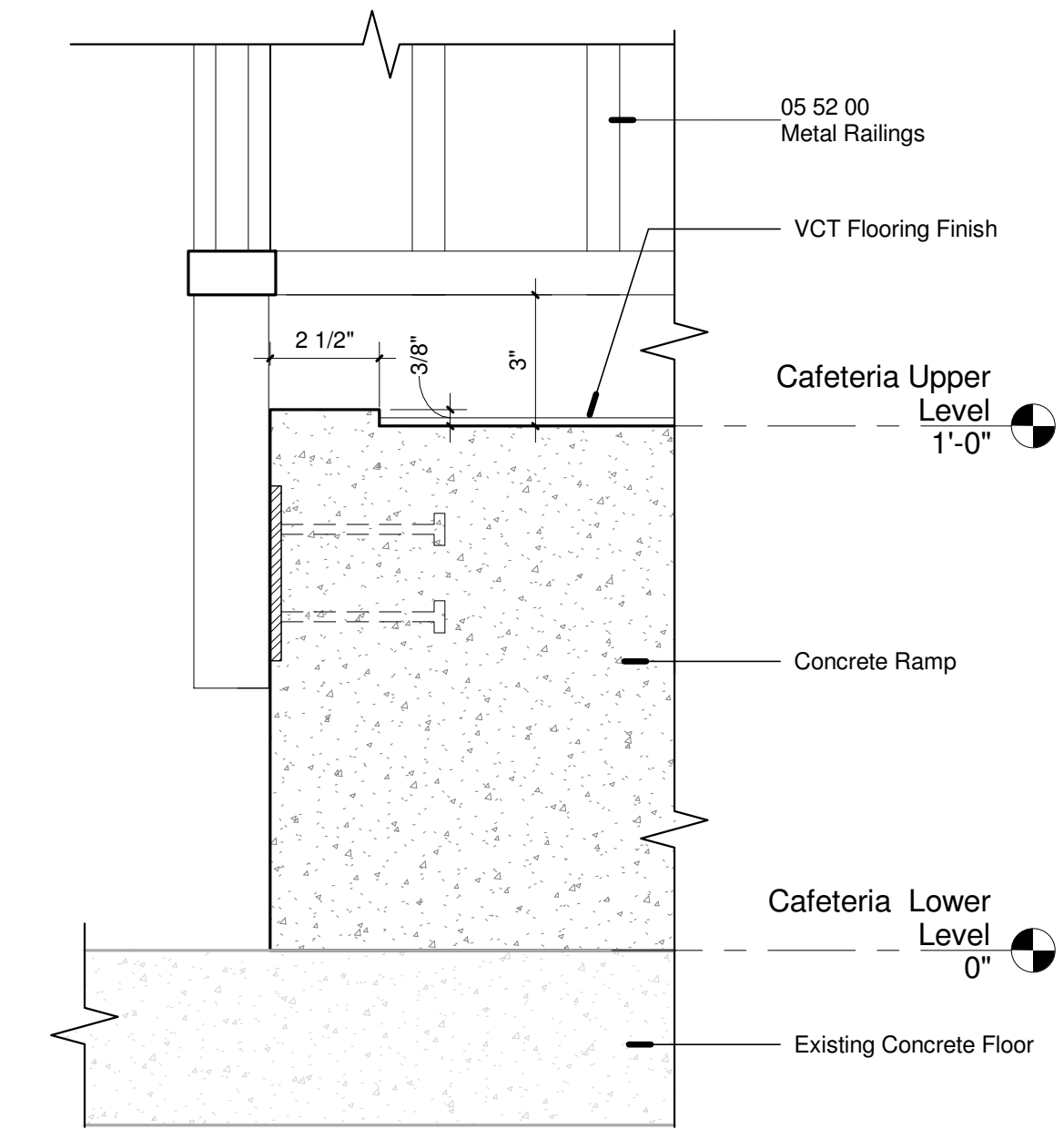
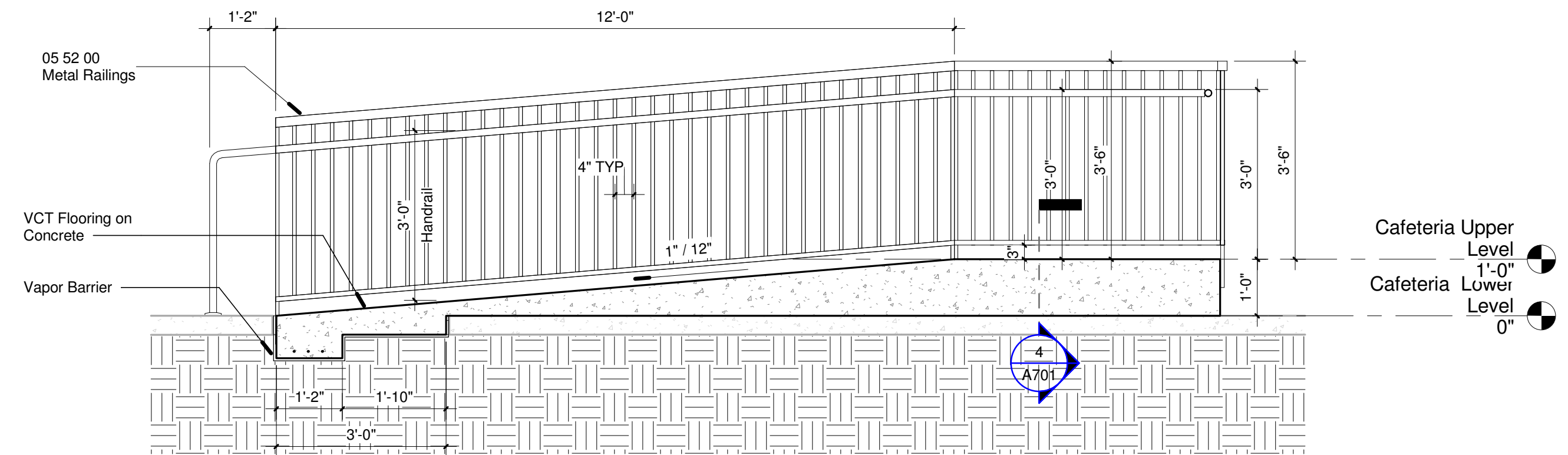
**A602**  
DOORS AND WINDOWS -  
DETAILS

Drawn By	Checked By	Date
TFJ/Mc	RCF	08/07/2023

Scale	Project Number
As indicated	22050.01

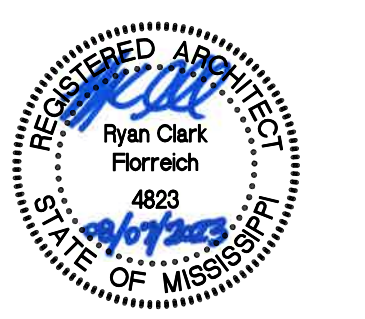


2 Railing @ Cafeteria Stepdown  
1/2" = 1'-0"



Revisions		
No.	Description	Date

PASCAGOULA-GAUTIER SCHOOL DISTRICT  
GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)



505 MAGNOLIA TREE DRIVE  
GAUTIER, MS 39553

**A701**  
VERTICAL CIRCULATION - CAFETERIA BACK DOOR

Drawn By TFJ/Mc	Checked By RCF	Date 08/07/2023
Scale	Project Number 22050.01	

INTERIOR MATERIALS SCHEDULE								
	DESIGNATION	TYPE	MANUFACTURER	STYLE/SIZE	COLOR	LOCATION	NOTES	SPEC SECTION
BASE	RB01	RUBBER BASE	FLEXCO	4" COVE, ROLL-GOODS	049 WINDSOR	---	CONTINUOUS ROLL	096513
BASE	TB01	CERAMIC TILE BASE	AMERICAN OLEAN	4-1/4" X 4-1/4" TILES - COVED	0040 STORM GRAY	TOILET ROOMS	USE WITH GR02	093000
BASE	TB02	QUARRY TILE BASE	AMERICAN OLEAN	P-3665 COVE BASE	003 GRAY	KITCHEN	USE WITH GR03	093000
CEILING	LT01	CEILING TILE	ARMSTRONG	OPTIMA #3150 , LAY-IN	WHITE	AS INDICATED	PRELUDE 15/16" EXPOSED T-SYSTEM	095113
FLOORING	FT01	QUARRY TILE	AMERICAN OLEAN	6"X 6" QUESTEP	0032 GRAY	KITCHEN	USE WITH GR03	
FLOORING	RF01	RESILIENT FLOORING	ARMSTRONG	12"X 12" VCT-- STANDARD EXCELON	519646 GENETIAN BLUE	DINING		
FLOORING	RF02	RESILIENT FLOORING	ARMSTRONG	12"X 12" VCT-- STANDARD EXCELON	51812 LEMON YELLOW	DINING		
FLOORING	SC01	SEALED CONCRETE	H&C	SOLID COLOR SOLVENT-BASED CONCRETE SEALER	--	MULTIPURPOSE		
GROUT	GR01	GROUT	LATICRETE	EPOXY GROUT	44 BRIGHT WHITE	---	---	093000
GROUT	GR02	GROUT	LATICRETE	EPOXY GROUT	24 NATURAL GREY	---	---	093000
GROUT	GR03	GROUT	LATICRETE	SPECRALOCK GROUT	78 STERLING SILVER	KITCHEN		
MISC.	---	LAVATORIES	BRADLEY	TERREON SOLID SURFACE	GRAPHITE	---	---	---
MISC.	---	FLUSH WOOD DOORS	GRAHAM	ROTARY SELECT WHITE BIRCH, SLIP MATCHED	100 CLEAR	---	---	081416
PAINT	PT01	WALL PAINT	SHERWIN WILLIAMS	SEMI GLOSS EPOXY	SW 7008 ALABASTER	-	---	099123
PAINT	PT02	WALL PAINT	SHERWIN WILLIAMS	SEMI GLOSS EPOXY	-	-	---	
WALL	WT01	CERAMIC WALL TILE	AMERICAN OLEAN	3" x 6"	0025 ICE WHITE	FIELD	USE WITH GR01	093000

INTERIOR FINISH SCHEDULE - CAFETERIA									
Room Number	Room Name	Floor Finish	Base Finish	Ceiling Finish	Wall Up (North)	Wall Down (South)	Wall Right (East)	Wall Left (West)	Notes
001	OFFICE	FT01	RB01	LT01	PT01	PT01	WT01	PT01	
002	TOILET	FT01	TB01	PT-01	WT01	WT01	WT01	WT01	
003	RECEIVING	FT01	TB02	PAINTED (OPEN TO STRUCTURE)	PT01	PT01	PT01	PT01	
004	JAN	FT01	TB02	PAINTED (OPEN TO STRUCTURE)	PT01	PT01	PT01	PT01	
005	DISH RETURN	FT01	TB02	LT01	PT01, WT01	PT01	PT01, WT01	PT01	
006	DINING ROOM	RF01, RF02	RB01	LT01	PT01	PT01	PT01	PT01	
007	SERVING LINE	RF01, RF02	RB01	LT01	---	PT01	PT01	PT01	
008	KITCHEN	FT01	TB01, TB02	PAINTED (OPEN TO STRUCTURE)	PT01	PT01, WT01	PT01, WT01	PT01, WT01	
009	DRY STORAGE	FT01	TB02	PAINTED (OPEN TO STRUCTURE)	PT01	PT01	PT01	PT01	
010	ELEC	SC01	---	PAINTED (OPEN TO STRUCTURE)	PT01	PT01	PT01	PT01	
011	BOILER ROOM	SC01	---	PAINTED (OPEN TO STRUCTURE)	PT01	PT01	PT01	PT01	



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PASCAGOULA-GAUTIER SCHOOL DISTRICT

GAUTIER ELEMENTARY SCHOOL  
KITCHEN RENOVATION (RE-BID)

Revisions		
No.	Description	Date

PASCAGOULA-GAUTIER  
SCHOOL DISTRICT  
GAUTIER ELEMENTARY  
SCHOOL KITCHEN  
RENOVATION (RE-BID)



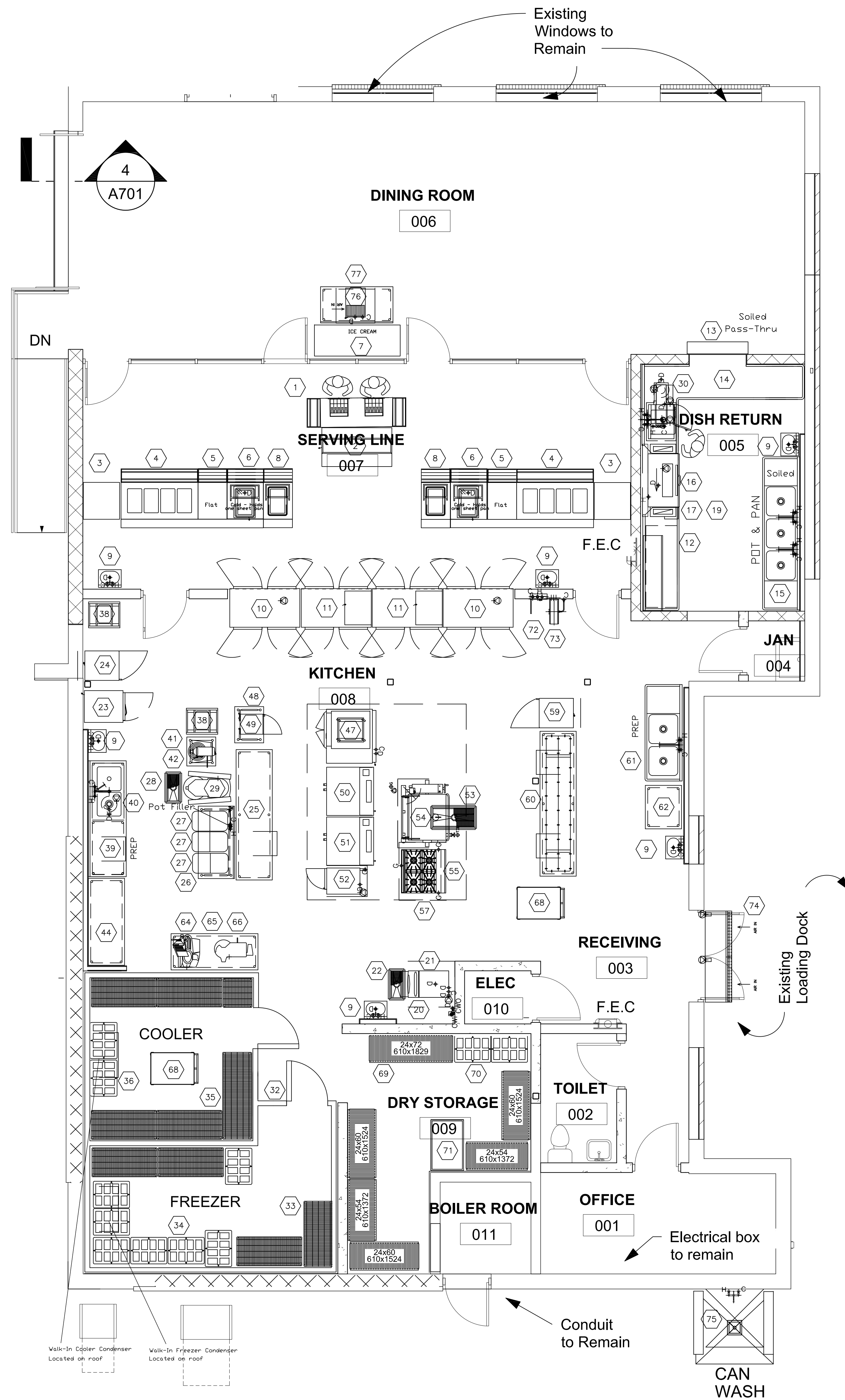
505 MAGNOLIA TREE DRIVE  
GAUTIER, MS 39553

**A901**  
INTERIOR MATERIALS AND  
FINISH SCHEDULES

Drawn By TFJ/Mc	Checked By RCF	Date 08/07/2023
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Scale	Project Number 22050.01
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### Foodservice Equipment Schedule

Item No	Qty	Equipment Category	Item No	Qty	Equipment Category
1	1	Cashier Station, Double	39	1	Prep Table With Sinks
2	1	Milk Cooler - Existing Equipment	40	1	Disposer, Garbage
3	2	Mobile Utility Unit - Trays	41	1	Counter Mixer - Existing Equipment
4	2	Hot Food Unit	42	1	Equipment Stand - Existing Equipment
5	2	Mobile Utility Unit	43	1	Spare Number
6	2	Mobile Cold Unit	44	1	Work Table - Existing Equipment
7	1	Ice Cream Unit - Existing Equipment	45	1	Spare Number
8	2	Mobile Ambient Unit	46	1	Spare Number
9	5	Hand Sink - In Mechanical	47	1	Rotating Rack Oven, Gas - With Racks
10	2	Cabinet, Heated, Pass-Thru	48	1	Mobile Work Table - Existing Equipment
11	2	Refrigerator, Pass-Thru	49	1	Microwave - Existing Equipment
12	1	Clean Dishtable and Slanted Wall Shelf	50	1	Oven, Convection, Gas
13	1	Coiling Shutter Door - In Architectural	51	1	Oven, Convection, Gas
14	1	Soiled Table, Pass-Thru Landing, Sink	52	1	Steamer, Electric
15	1	Three-Compartment Sink	53	1	Floor Trough
16	1	Washer	54	1	Tilt Skillet, Gas
17	1	Condensate Exhaust Ducts	55	1	Range, Heavy Duty, Convection Oven, Gas
18	1	Spare Number	56	1	Spare Number
19	1	Condensate Exhaust Fan - In Mechanical	57	1	Vent Hood - In Mechanical Section
20	1	Filter System, Icemaker	58	1	Spare Number
21	1	Ice Maker w/ Bin - Existing Equipment	59	1	Mobile Warming Cabinet - Existing Equipment
22	1	Floor Trough	60	1	Work Table with Pot Rack - Existing Equipment
23	1	Reach-In Refrigerator - Existing Equipment	61	1	2-Compartment Sink - Existing Equipment
24	1	Mobile Warming Cabinet - Existing Equipment	62	1	Work Table - Existing Equipment
25	1	Work Table	63	1	Spare Number
26	1	Baker's Table	64	1	Slicer - Existing Equipment
27	1	Ingredient Bin, 3	65	1	Work Table - Existing Equipment
28	1	Floor Trough	66	1	Food Chopper - Existing Equipment
29	1	60 Qt. Mixer - Existing Equipment	67	1	Spare Number
30	1	Scrapmaster	68	2	Cart, Utility - Existing Equipment
31	1	Spare Number	69	1	Dry Storage Shelving
32	1	Walk-In Cooler-Freezer	70	1	Dry Storage Dunnage Racks
33	1	Freezer Shelving	71	1	Rack, Can
34	1	Freezer Dunnage Racks	72	1	Reel Rinse, Control Box
35	1	Cooler Shelving	73	1	Hose Reel with Gun
36	1	Cooler Dunnage Racks	74	1	Air Curtain
37	1	Spare Number	75	1	Utility Faucet - In Mechanical
38	2	Rack, Pan - Existing Equipment	76	1	Ice Maker - Ice/Water Dispenser
			77	1	Table, Stainless Steel



Revisions		
No.	Description	Date

PASCAGOULA-GAUTIER  
SCHOOL DISTRICT  
GAUTIER ELEMENTARY  
SCHOOL KITCHEN  
RENOVATION (RE-BID)

505 MAGNOLIA TREE DRIVE  
GAUTIER, MS 39553

**K101**  
KITCHEN EQUIPMENT PLAN

Drawn By	Checked By	Date
BM	BM	08/07/2023

Scale	Project Number
As indicated	22050.01

**MURRAY  
CORBAN**

COMMERCIAL FOODSERVICE DESIGN CONSULTANTS

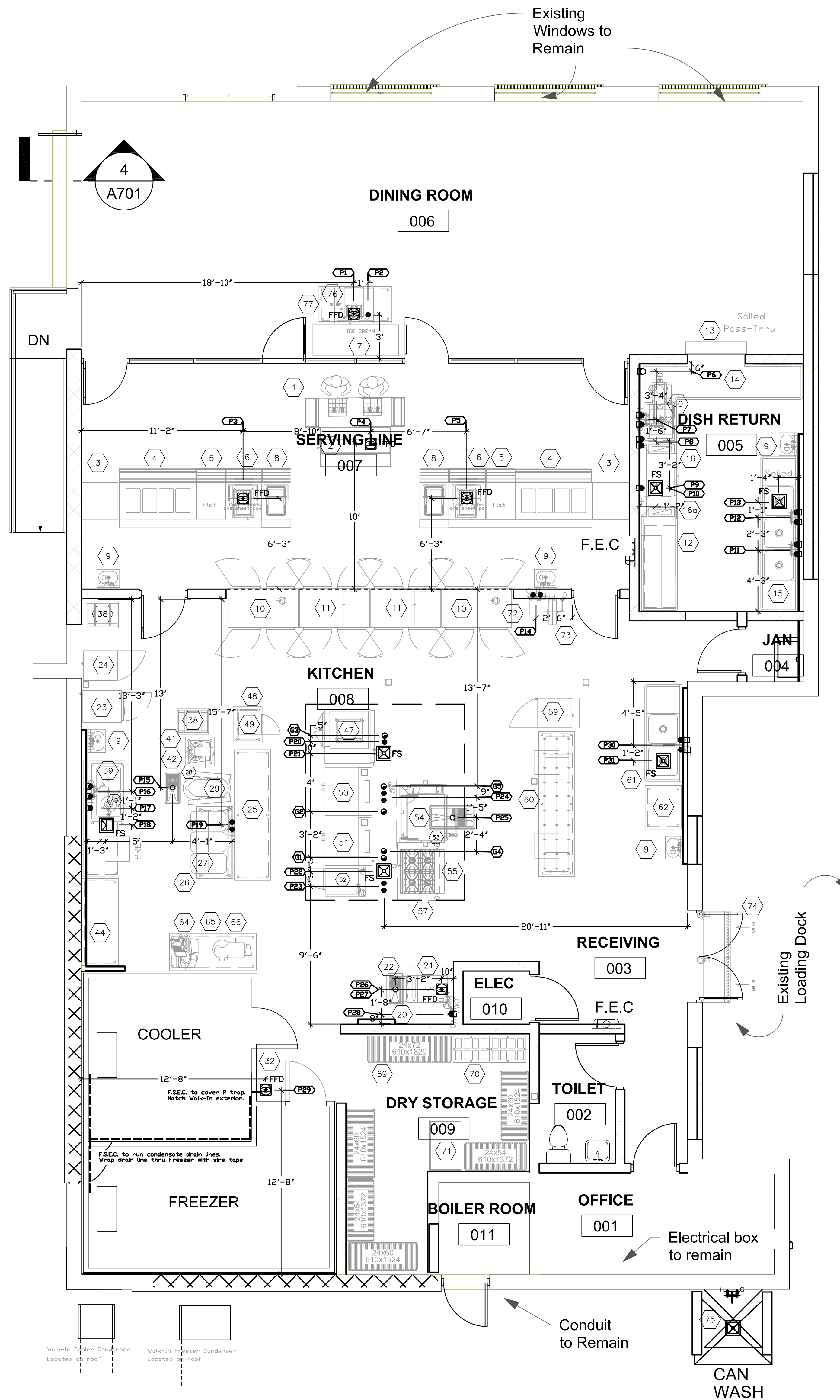
Bill Murray  
P.O. Box 911  
200 North Oak Street  
Vicksburg, LA 71373  
Phone: 318-236-0005

Karen Corban  
P.O. Box 441  
113 Cedar Hill Drive  
Oxford, MS 38655  
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**PLUMBING NOTES**

1. ALL ROUGH-INS TO BE MADE IN COMPLIANCE WITH ALL APPLICABLE CODES.
2. ROUGH-INS ONLY FOR ITEMS LISTED ON FOODSERVICE EQUIPMENT SCHEDULE.
3. ROUGH-INS MARKED "STUB UP" ARE TO BE BROUGHT TO 2" AFF, OR COUNTER BASE, THEN RUN TO EQUIPMENT WHEN IN PLACE.
4. EQUIPMENT SUPPLIER TO VERIFY ALL ROUGH-INS AND DIMENSIONS BEFORE SLAB IS POURED.

**PLUMB. SYMBOLS & ABBREVIATIONS**

- HW Hot Water
- CW Cold Water
- W Direct Waste
- ◐ Water From Wall
- ◑ Waste From Wall
- Gas
- ◐ Gas From Wall
- AFF Above Finished Floor
- FFD Funnel Floor Drain or Recessed Drain
- FD Floor Drain
- FS Floor Sink
- FS Floor Sink, 1/2 Grate

**PLUMBING ROUGH-IN LEGEND**

- P1 FFD or Recessed Drain for Item #76 Ice Maker drain
- P2 Stub Up 1/2" CW for Item #76 Ice Maker
- P3 FFD or Recessed Drain for Serving Line Equipment drain
- P4 FFD or Recessed Drain for Item #2 Milk Box drain
- P5 FFD or Recessed Drain for Serving Line Equipment drain
- P6 3" Waste up 8" AFF for Item #30 Scrapmaster drain
- P7 1/2" HW & CW up 12" AFF for Item #14 Pre-Rinse Unit
- P8 1/2" HW & CW up 10" AFF for Item #30 Scrapmaster
- P9 1/2" 110° HW up 50" AFF for Item #16 Dishwasher
- P10 FS for Item #16 Dishmachine drain
- P11 3/4" HW & CW up 12" AFF for Item #15 Three-Compartment Sink Faucet
- P12 3/4" HW & CW up 12" AFF for Item #15 Three-Compartment Sink Faucet
- P13 FS for Item #15 Three-Compartment Sink drain
- P14 1/2" HW & CW in wall for Item #72 Hose Reel Control Box PC to provide and install all in-wall piping and fittings
- P15 Stub Up 3" Waste for Item #28 Floor Trough
- P16 1/2" HW & CW up 12" AFF for Item #39 Prep Table sink faucet
- P17 1/2" CW up 10" AFF for Item #40 Disposer
- P18 1/2" Grate FS for Item #40 Disposer drain (VERIFY for local code compliance)
- P19 Stub Up 1/2" HW & CW for Item #26 Table mounted pot filler
- P20 Stub Up 1/2" CW for Item #47 Rotating Rack Oven
- P21 FS for Item #47 Rotating Rack Oven drain
- P22 FS for Item #52 Steamer drain
- P23 Stub Up 2 each 3/4" CW for Item #52 Steamer
- P24 Stub Up 1/2" HW & CW for Item #54 Tilt Skillet faucet/spray
- P25 Stub Up 4" Waste for Item #53 Floor Trough Waste pipe to be MINIMUM of 4" cast iron for grease laden waste
- P26 Stub Up 3" Waste for Item #22 Floor Trough
- P27 FFD or Recessed Drain for Item #21 Ice Maker drain
- P28 1/2" CW up 54" AFF for Item #20 Water Filter for Ice Maker
- P29 FFD for Item #32 Walk-In Cooler/Freezer condensate drain FSEC to run condensate drainline. To install and cover P-Trap
- P30 1/2" HW & CW up 12" AFF for Item #61 Sink faucet

\*\*Provide additional floor drains out of isles for floor cleaning

**NATURAL GAS**

LOOPED NATURAL GAS SUPPLY

- G1 3/4" Natural Gas for Item #51 Double Convection Oven - 120,000 BTU/hr
- G2 3/4" Natural Gas for Item #50 Double Convection Oven - 120,000 BTU/hr
- G3 1/2" Natural Gas for Item #47 Rotating Rack Oven - 125,000 BTU/hr
- G4 1-1/4" Natural Gas for Item #55 Range - 140,000 BTU/hr
- G5 1/2" Natural Gas for Item #54 Tilt Skillet - 144,000 BTU/hr

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PASCAGOULA-GAUTIER SCHOOL DISTRICT

**GAUTIER ELEMENTARY SCHOOL  
KITCHEN RENOVATION (RE-BID)**

Revisions		
No.	Description	Date

PASCAGOULA-GAUTIER  
SCHOOL DISTRICT  
GAUTIER ELEMENTARY  
SCHOOL KITCHEN  
RENOVATION (RE-BID)

505 MAGNOLIA TREE DRIVE  
GAUTIER, MS 39553

**K103**  
KITCHEN EQUIPMENT  
PLUMBING ROUGH-INS

Drawn By BM	Checked By BM	Date 08/07/2023
Scale As indicated	Project Number 22050.01	

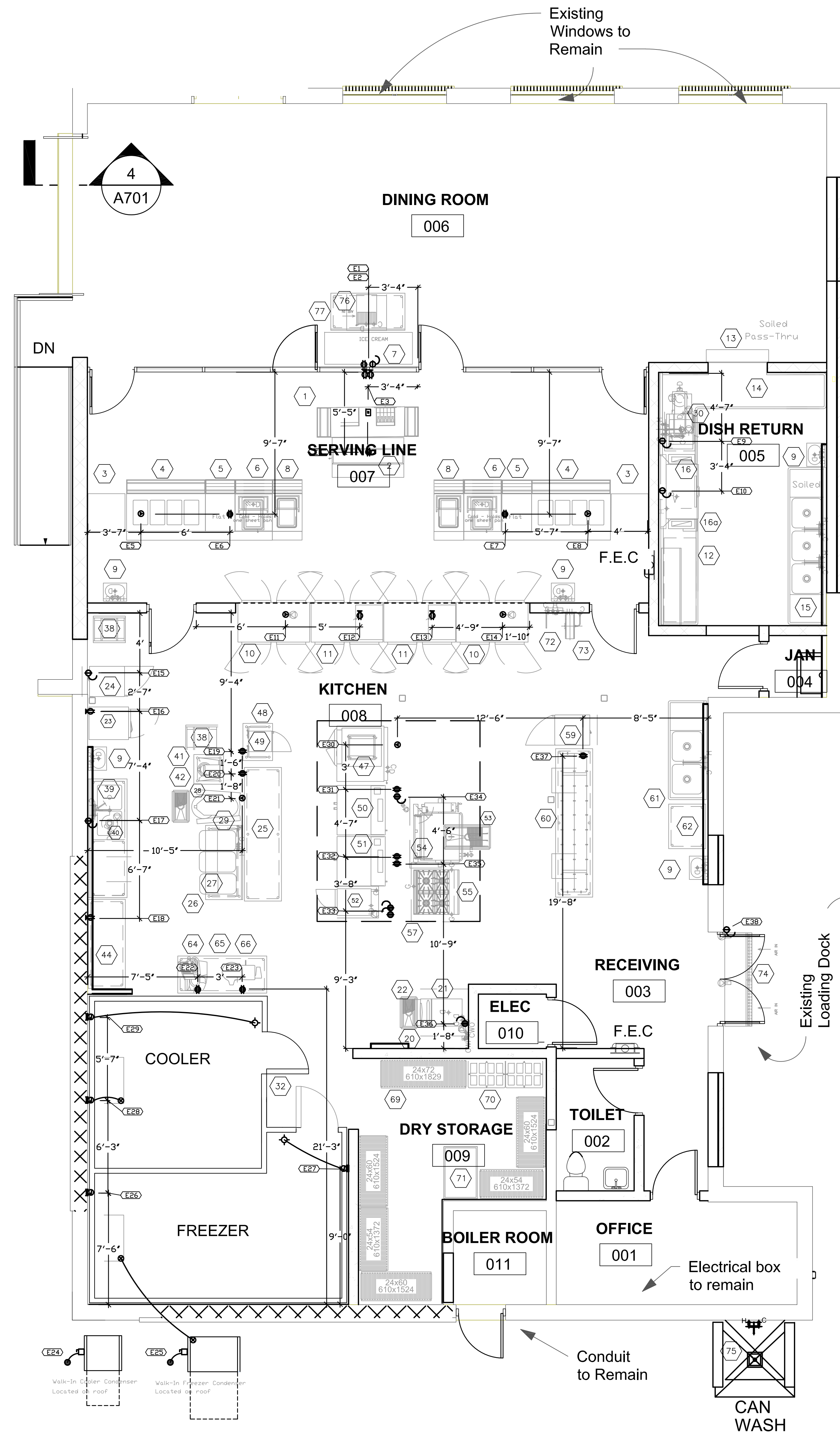
**MURRAY  
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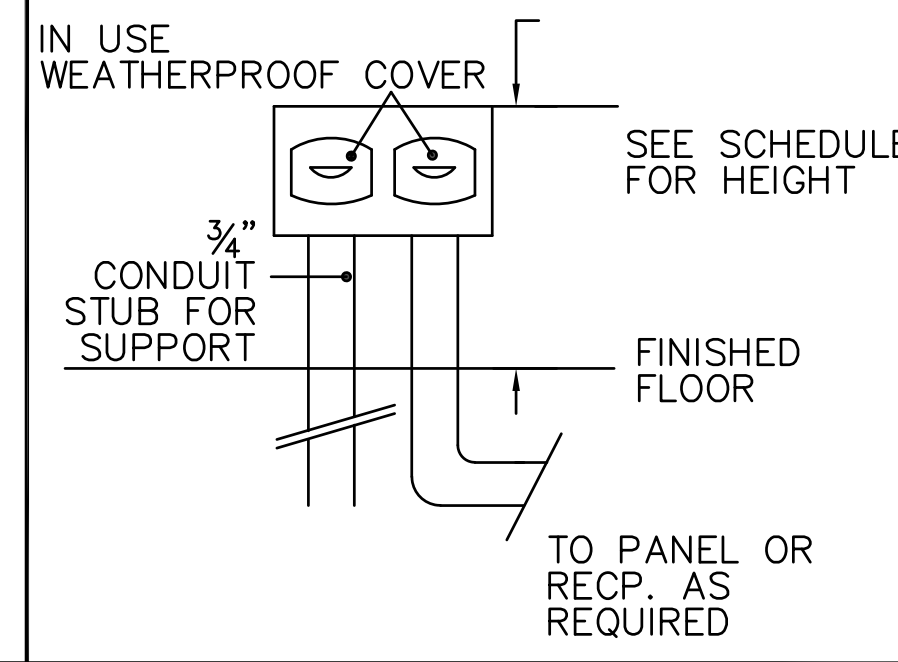
**ELECTRIC NOTES**

1. ALL ROUGH-INS TO BE MADE IN COMPLIANCE WITH ALL APPLICABLE CODES.
2. ROUGH-INS ONLY FOR ITEMS LISTED ON FOODSERVICE EQUIPMENT SCHEDULE.
3. ROUGH-INS MARKED "STUB UP" ARE TO BE BROUGHT TO 2" AFF, OR COUNTER BASE, THEN RUN TO EQUIPMENT WHEN IN PLACE.
4. EQUIPMENT SUPPLIER TO VERIFY ALL ROUGH-INS AND DIMENSIONS.

**ELEC. SYMBOLS & ABBREVIATIONS**

- ⊕ DR Duplex Recepticle
- ⊕ DR Duplex Wall Recepticle
- ⊕ SR Single Recepticle
- ⊕ SR Single Wall Recepticle
- Stub Up Service Indicated
- ⊕ JB Junction Box
- ⊕ JB Junction Box in Wall
- ⊕ WS Wall Switch
- ⊕ Light
- ⊕ Outlet to Match Equipment
- AFF Above Finished Floor
- ⊕ Field Connection (Direct Connection)
- ⊕ Retracting Receptacle
- ⊕ Disconnect Switch
- ⊕ Data Receptacle
- ⊕ Alarm Telephone Dialer

**FLOOR OUTLET/J BOX DETAIL**



**FOODSERVICE ELECTRICAL ROUGH-INS**

- E1 DR up 12" AFF for Item #7 Ice Cream Box - Existing Equipment, 120v, 1Ph
- E2 Direct Connection up 12" AFF for Item #76 Ice Maker, 115v, 1Ph, 10.2 amps
- E3 2 each DR up 12" AFF for Item #1 Double Cashier Station, 120v, 1Ph - NEMA 5-15P plugs
- E4 Stub Up 4" AFF DR for Item #2 Milk Box - Existing Unit, 120v, 1Ph
- E5 Stub Up 4" AFF Receptacle To Match Equip. for Item #4 Hot Food Unit, 230v, 1Ph, 18.3 amps -NEMA L6-30P plug
- E6 Stub Up 4" AFF DR for Item #6 Cold Food Station, 120v, 1Ph, 4.0 amps - NEMA 5-15P plug
- E7 Stub Up 4" AFF DR for Item #6 Cold Food Station, 120v, 1Ph, 4.0 amps - NEMA 5-15P plug
- E8 Stub Up 4" AFF Receptacle To Match Equip. for Item #4 Hot Food Unit, 230v, 1Ph, 18.3 amps -NEMA L6-30P plug
- E9 Direct Watertight Connection up 12" AFF for Item #30 Scrapmaster, 230v, 3Ph, 11.7 amps
- E10 Direct Watertight Connection up 60" AFF for Item #16 Dishmachine, 230v, 3Ph, 97.1 amps
- E11 Receptacle to Match Equip. in wall above for Item #10 Pass-Thru Warmer, 230v, 1Ph, 10.6 amps
- E12 DR in wall above for Item #11 Pass-Thru Refrigerator, 115v, 1Ph, 6.4 amps - NEMA 5-15P plug
- E13 DR in wall above for Item #11 Pass-Thru Refrigerator, 115v, 1Ph, 6.4 amps - NEMA 5-15P plug
- E14 Receptacle to Match Equip. in wall above for Item #10 Pass-Thru Warmer, 230v, 1Ph, 15.5 amps
- E15 Direct Connection up 12" AFF for Item #24 Warming Cabinet - Existing Equip., 120v, 1Ph, 16.0 amps
- E16 DR up 12" AFF for Item #23 Refrigerator - Existing Equipment, 115v, 1Ph, 9.8 amps - NEMA 5-15P plug
- E17 Direct Watertight Connection up 10" AFF for Item #40 Disposer, 230v, 3Ph, 11.6 amps
- E18 DR up 50" AFF for Appliances
- E19 Stub Up 6" AFF DR for Item #49 Microwave - Existing Equip., 120v, 1Ph - NEMA 5-15P plug
- E20 Stub Up 6" AFF DR for Item #41 Mixer - Existing Equip., 120v, 1Ph - NEMA 5-15P plug
- E21 Stub Up Receptacle to Match Equip. for Item #29 Mixer - Existing Equip. 240v, 1Ph, 19.0 amps - VERIFY
- E22 DR up 50" AFF for Item #64 Slicer - Existing Equip. 120v, 1Ph, 5.0 amps - NEMA 5-15P plug
- E23 DR up 50" AFF for Item #66 Food Chopper - Existing Equip. 120v, 1Ph - NEMA 5-15P plug
- E24 Provide 208/230v, 3Ph service to Disconnect Switch at location of Item #32 Walk-In Cooler Condenser 8.7 amps
- E25 Provide 208/230v, 3Ph service to Disconnect Switch at location of Item #32 Walk-In Freezer Condenser 17.0 amps. EC to run service from Freezer Condenser to Coil, Fans 2 amps, Heater 9.8 amps
- E26 120v, 1Ph J-Box up 110" AFF for Item #32 Freezer condensate line wire tape
- E27 120v, 1Ph J-Box up 110" AFF for Item #32 Freezer lights and controls
- E28 120v, 1Ph J-Box up 110" AFF for Item #32 Cooler Coil, 1.6 amps
- E29 120v, 1Ph J-Box up 110" AFF for Item #32 Cooler lights and controls
- E30 Stub Up 10" AFF DR for Item #47 Rack Oven, 120v, 1Ph, 15.0 amps - NEMA 5-15P plug
- E31 Stub Up 10" AFF DR for Item #50 Double Convection Oven, 2 each 120v, 1Ph, 9.0 amps - NEMA 5-15P plugs
- E32 Stub Up 10" AFF DR for Item #51 Double Convection Oven, 2 each 120v, 1Ph, 9.0 amps - NEMA 5-15P plugs
- E33 2 each Direct Watertight Connections for Item #52 Steamer, each connection 230v, 3Ph, 38.2 amps
- E34 Stub for Direct Watertight Connection to Item #54 Tilt Skillet, 115v, 1Ph, 5.0 amps
- E35 Stub Up 10" AFF DR for Item #55 Range Convection Oven Motor, 115v, 1Ph
- E36 Direct Watertight Connection up 36" AFF for Item #21 Ice Maker - Existing Equip. 120v, 1Ph
- E37 Stub Up 6" AFF DR for Item #59 Warming Cabinet - Existing Equip. 120v, 1Ph, 16.0 amps
- E38 Direct Connection above door frame for Item #74 Air Curtain, 230v, 1Ph, 9.0 amps

**JBHM**  
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PASCAGOULA-GAUTIER SCHOOL DISTRICT

**GAUTIER ELEMENTARY SCHOOL  
KITCHEN RENOVATION (RE-BID)**

Revisions		
No.	Description	Date

PASCAGOULA-GAUTIER  
SCHOOL DISTRICT  
GAUTIER ELEMENTARY  
SCHOOL KITCHEN  
RENOVATION (RE-BID)

505 MAGNOLIA TREE DRIVE  
GAUTIER, MS 39553

**K104**  
KITCHEN EQUIPMENT  
ELECTRIC ROUGH-INS

Drawn By	Checked By	Date
BM	BM	08/07/2023

Scale	Project Number
As indicated	22050.01

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Revisions		
No.	Description	Date

PASCAGOULA-GAUTIER  
SCHOOL DISTRICT  
GAUTIER ELEMENTARY  
SCHOOL KITCHEN  
RENOVATION (RE-BID)

505 MAGNOLIA TREE DRIVE  
GAUTIER, MS 39553

### K105

KITCHEN EQUIPMENT DETAILS

Drawn By BM	Checked By BM	Date 08/07/2023
Scale As indicated	Project Number 22050.01	

OVERALL DIMENSIONS WIDTH 20'-8" DEPTH 17'-4" HEIGHT 8'-6"

- FINISH-Exterior**
- 26 Ga. Stucco Embossed Galv. Steel
  - .040 Stucco Aluminum
  - 20 Ga. Type 304 #3 Finish Stainless Steel
  - White Stucco Aluminum
  - White Smooth Aluminum
  - White Stucco Galv.
  - White Smooth Galv.
- FINISH-Interior Floor**
- Built-in by others. (Breaker strip must be under all wall panels including partitions)
  - 4" x 2" Vinyl U-Channel Screeds
  - Wall Anchors
  - 4 1/4" Foam Screeds
  - 14 Ga. Bright Galvanized Steel
  - 16 Ga. Stainless Steel
  - Smooth Aluminum
  - .100 Treadbrite Aluminum Foamed-In-Place
- Interior (walls and ceiling)**
- 26 Ga. Stucco Embossed Galv. Steel
  - .040 Stucco Aluminum
  - 20 Ga. Type 304 #3 Finish Stainless Steel
  - White Stucco Aluminum
  - White Smooth Aluminum
  - White Stucco Galv.
  - White Smooth Galv.
- CEILING**
- White Stucco Aluminum
  - White Smooth Aluminum
  - White Stucco Galv.
  - White Smooth Galv.
- SEE DETAIL BELOW**

WALK-IN FLOOR PANELS ARE DESIGNED TO WITHSTAND UNIFORMLY DISTRIBUTED STATIONARY LOADS OF 600 LBS. PER SQUARE FOOT. WARRANTY DOES NOT COVER DAMAGE DUE TO PALLET JACKS, MOBILE CARTS, MOBILE SHELVING, FORK LIFTS, OR ANY OTHER FORM OF ROLLING TRAFFIC. A CONCRETE WEARING FLOOR MUST BE INSTALLED ON TOP OF THE WALK-IN FLOOR PANELS FOR THIS APPLICATION

- SECTION FASTENERS-** cam type Insta-Lok INSULATION-4" thickness "Foamed-in-place" urethane-DURATHANE CONSTRUCTION CLASS I
- OUTDOOR INSTALLATION**
- Vinyl weather roof w/ Facia Bar & Cover
  - Sloped Foam
  - SQ. FT. OF 4-MIL POLYETHYLENE (BETWEEN SLOPED FOAM & VINYL WEATHERCAP)
- INDOOR INSTALLATION**
- ELECTRICAL-** All wiring contained within the door section(s) is 115/60/10. Connections to this and all other light and refrigeration supplied by others
- UNEXPOSED CONDUIT - Wiring stubs out top of panels 8"
  - EXPOSED CONDUIT - Wiring terminates in a field service box at top of panels
- ENTRANCE DOOR-** Flush infilling type with poly vinyl magnetic gasket and vinyl sweep gasket on bottom edge. Heater cables are built in around door opening to prevent frost accumulation and sweating. Ext. has a thermometer, indication light and toggle switch. Interior has vapor proof light. Hinges are cam action type.
- \* Door finishes will be the same as adjacent panels unless specified otherwise under Door Accessories.

- DOOR SIZE & QTY**
- |   |   |                                   |
|---|---|-----------------------------------|
| <input type="checkbox"/> ( ) 30" x 76"                    | <input checked="" type="checkbox"/> 1238-C LATCH, (2) 1346 PERFORMER ADJUSTABLE HINGES, DOOR CLOSER | <input type="checkbox"/> SWING RH |
| <input checked="" type="checkbox"/> COOLER (1) 34" x 76"  | <input checked="" type="checkbox"/> 1229-C LATCH, (2) 1346 PERFORMER ADJUSTABLE HINGES, DOOR CLOSER | <input type="checkbox"/> LH       |
| <input checked="" type="checkbox"/> FREEZER (1) 34" x 76" |   |                                   |
- DOOR ACCESSORIES**
- (2) 14" x 14" Peep Window(s) w/ HEATED FRAME & GLASS
  - ( ) 14" x 24" Peep Window(s) w/ HEATED FRAME & GLASS
  - KASON # 1806 LED LIGHT FIXTURE(S) w/ BULBS ON DOOR FRAME(S)
  - LIGHT(S) TO BE CENTERED ABOVE DOOR(S) @ FREEZER
  - (2) VINYL STRIP CURTAIN TO FIT THE SPECIFIED DOOR SIZE SHOWN
  - (2) THERMOSTATICALLY CONTROLLED DOOR FRAME HEATER(S)

- MISCELLANEOUS EQUIPMENT**
- ( ) Lights (NOT MOUNTED) 1 AMP EACH
  - (2) Interior Floor Ramp
  - Exterior Floor Ramp
  - # 1825 Heated Pressure Relief Vent .5 AMPS EACH
  - (2) # 1830 Heated Pressure Relief Vent .5 AMPS EACH
  - # 1832-4 Heated Pressure Relief Vent .5 AMPS EACH
  - Trim & Enclosures (see detail)
- (1) OFFSET  
(4) 48" LED LIGHT FIXTURE(S) w/ BULBS  
(1) 3" x 3" x 8'-6" HIGH STUCCO ALUMINUM CORNER TRIM PIECE(S)  
6" X 8'-6" HIGH STUCCO ALUMINUM VERTICAL TRIM PIECE(S) AS NEEDED  
CEILING & FLOOR SPLICE

- REFRIGERATION-**  Aircooled  Watercooled  By Others
- 1 1/2 HP MED TEMP RFO180E4SEALNTQC8 208-230/60/30 W/ RL6A117ADAREQC 115/60/10  
CONDENSING UNIT AMPS: MCA \_15\_ MOPD\_ 20\_ (COMPRESSOR RLA: 8.7)  
COIL AMPS: 5  
R-448A REFRIGERANT, SCROLL  
BTU CAPACITY @ 35°F ROOM TEMP @ 90°F AMBIENT= 14,180  
LIQUID LINE SIZE = 1/2"  
SUCTION LINE SIZE = 7/8"  
BASE SIZE = 28 1/4" X 38 1/4" X 18 3/4"  
RECEIVER CAPACITY AT 90% FULL: 11.6 #  
CONDENSING UNIT WEIGHT: 210 #  
HEAT OF REJECTION: 18,434 BTU'S  
W/ 35 FT QUICK-CONNECT LINE KIT(S)  
W/ DRAINLINE TRIM AS NEEDED
- 5 HP LOW TEMP RFO500L4SEBNTQC8 208-230/60/30 W/ (2) RLE0680DDAREQC 208-230/60/10  
CONDENSING UNIT AMPS: MCA \_25.4\_ MOPD\_ 40\_ (COMPRESSOR RLA: 17.0)  
COIL FAN AMPS: 1.0 EA  
COIL HEATER AMPS: 9.8 EA  
R-448A REFRIGERANT, SCROLL  
BTU CAPACITY @ -10°F ROOM TEMP @ 90°F AMBIENT= 16,700  
LIQUID LINE SIZE = 1/2"  
SUCTION LINE SIZE = 1 1/8"  
BASE SIZE = 33" X 42 1/4" X 30"  
RECEIVER CAPACITY AT 90% FULL: 29.4 #  
CONDENSING UNIT WEIGHT: 367 #  
HEAT OF REJECTION: 25,885 BTU'S  
W/ 35 FT QUICK-CONNECT LINE KIT(S)  
W/ DRAINLINE TRIM AS NEEDED
- \* BOTH SYSTEMS W/ EcoNet CONTROL PACKAGE

- CONTROL KIT-**The following controls indicated with a mark are included.
- Expansion valve
  - Dryer
  - Sight glass
  - Temperature control
  - Pump down solenoid valve
  - Freezer Time Clock
  - Pressure control
  - Suction line vibration eliminator
  - Winter control
  - Crankcase heater
  - Condensing unit cover
  - Coil Mounting Kit



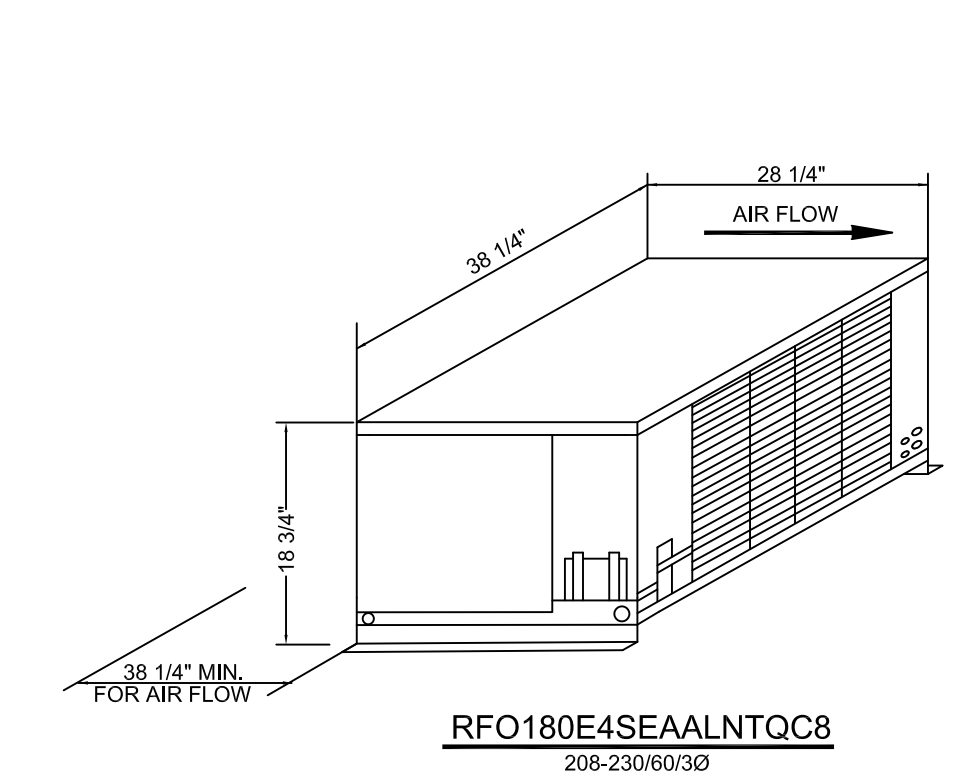
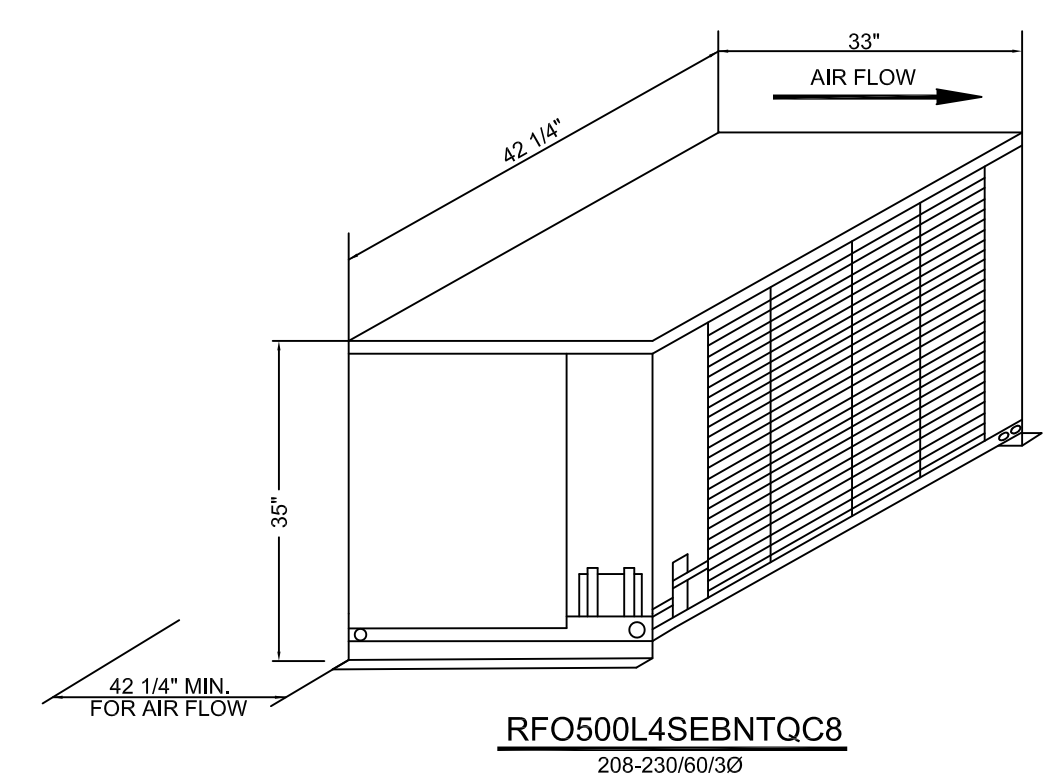
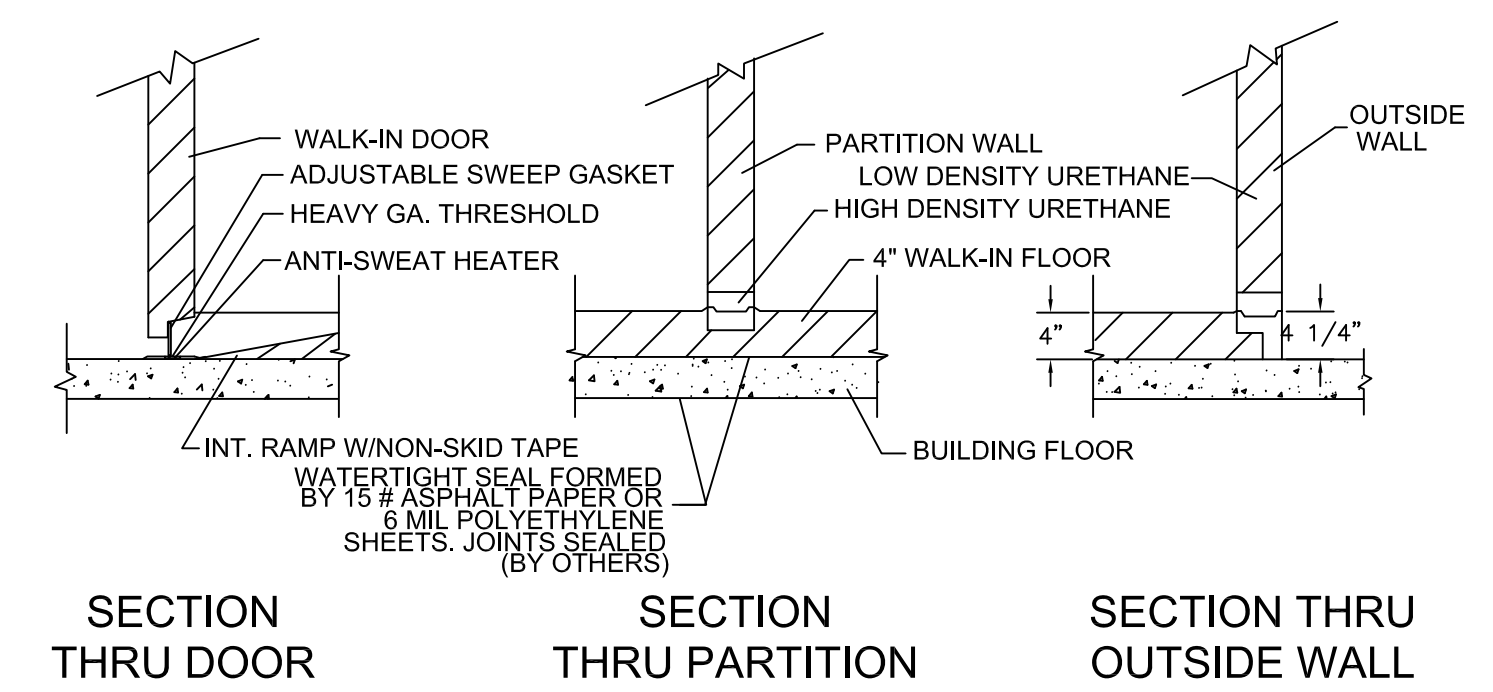
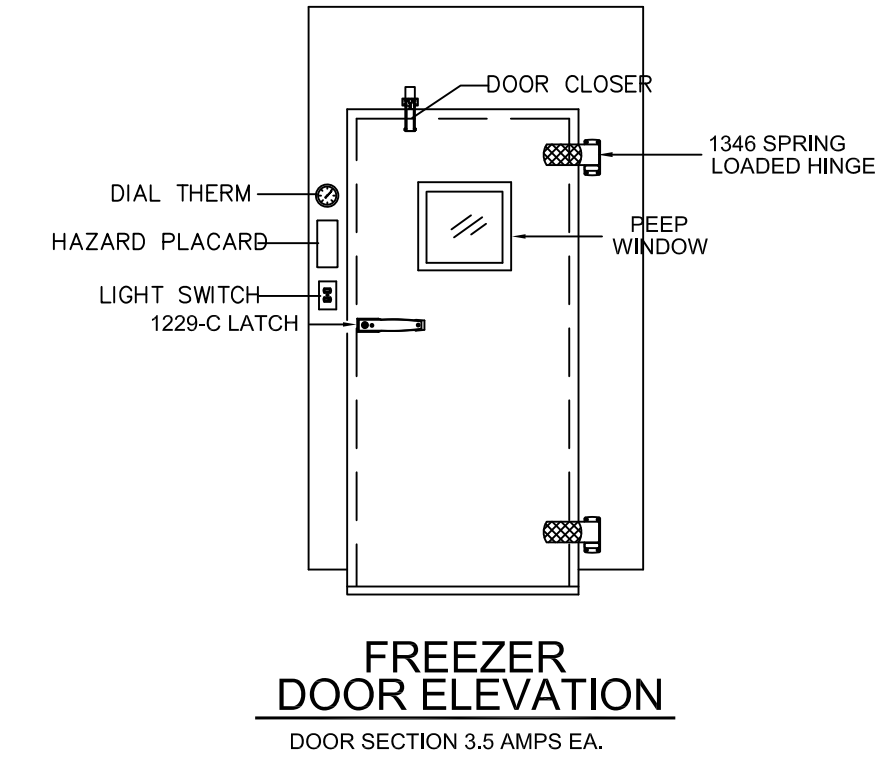
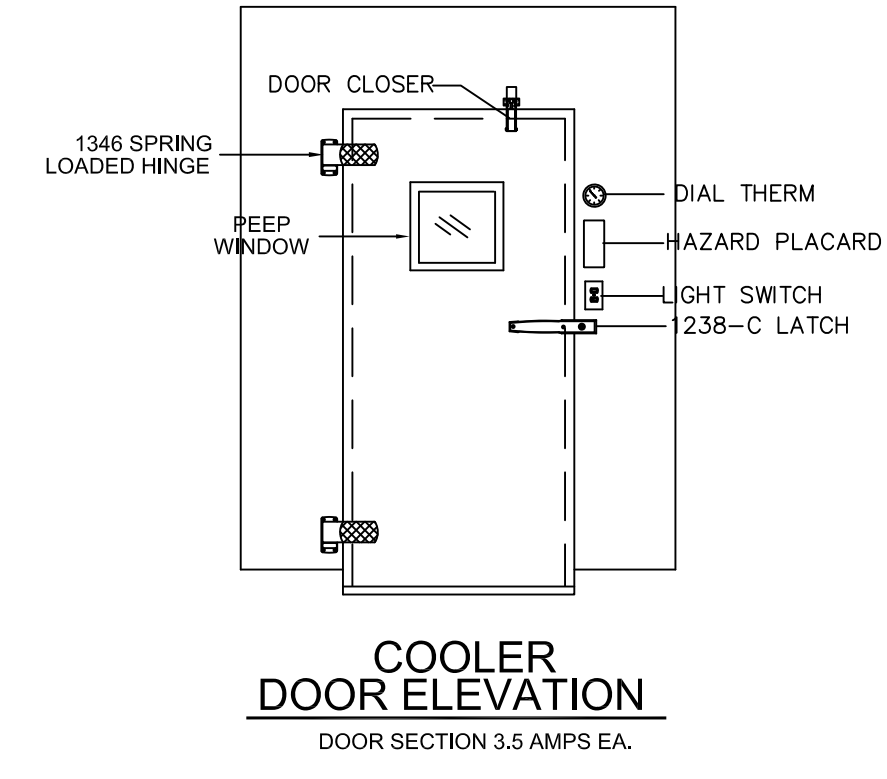
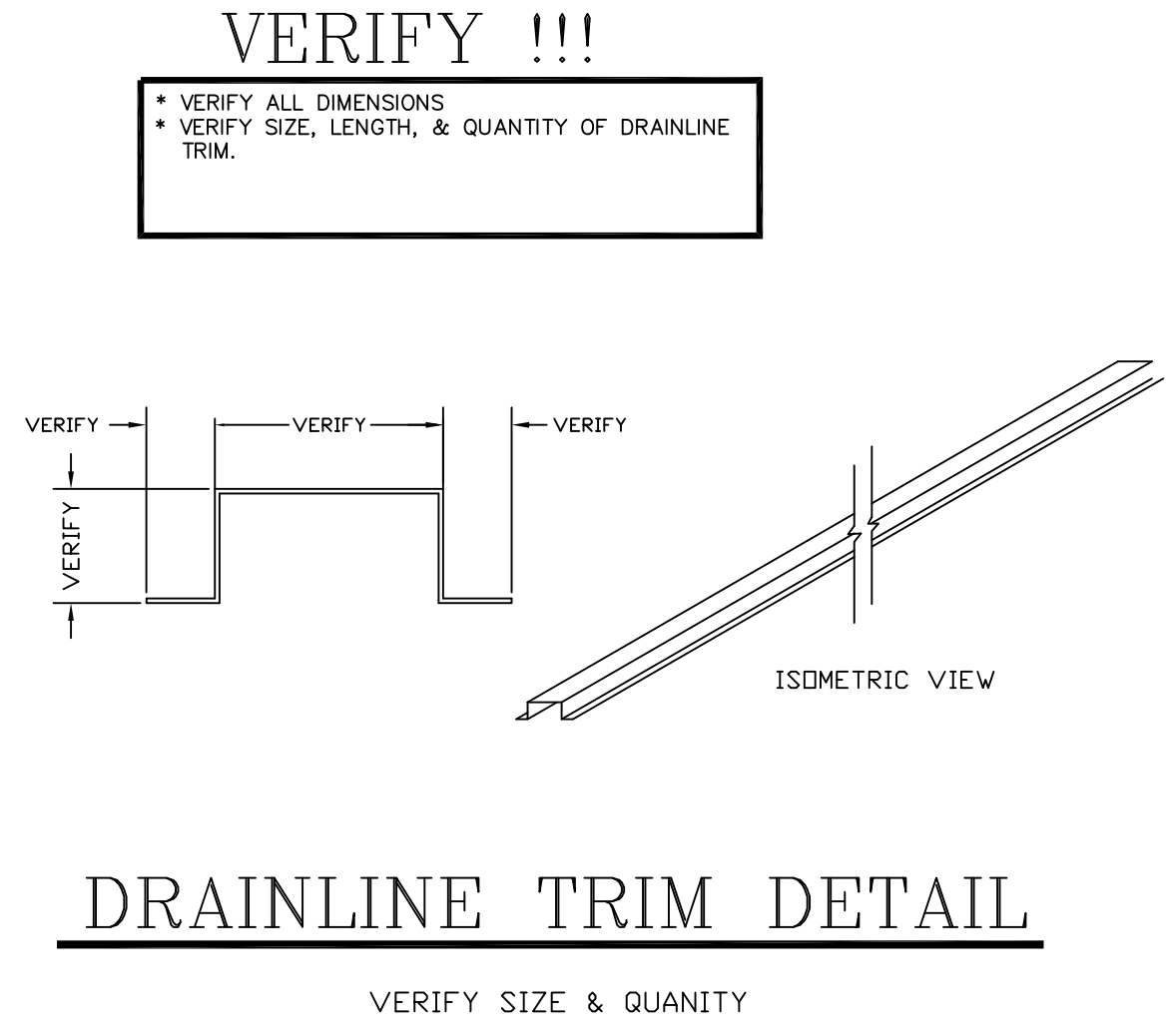
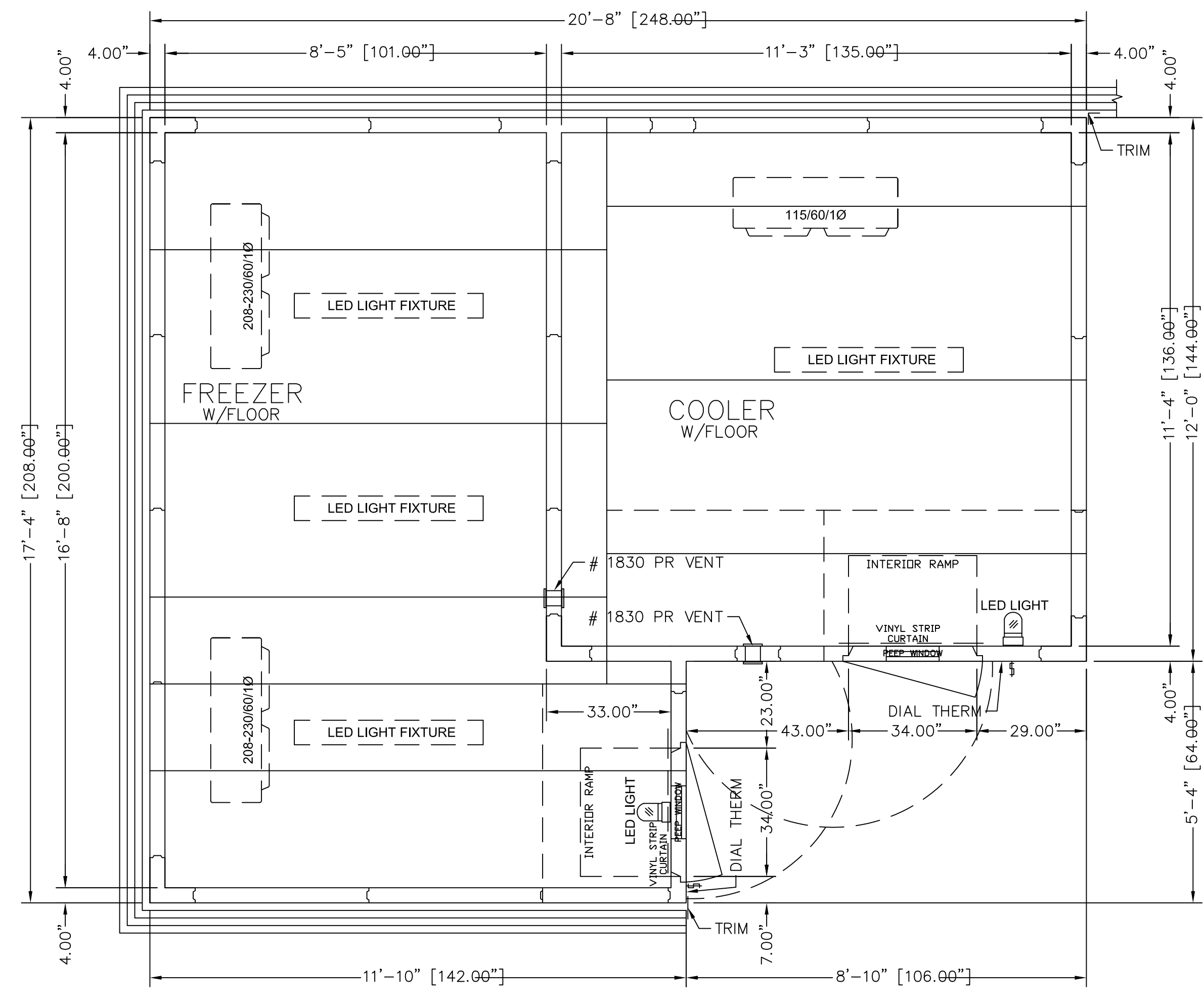
ITEM # 32

NOTES: Aircooled condensing units should be placed in a well ventilated area with a minimum of 1000 CFM's per/H.P.  
Evaporator drain connections by others.  
NOTE: 1" min. clearance between walk-in & building walls is recommended.

**IMPORTANT!**  
WALK-IN FLOOR PANELS ARE DESIGNED TO WITHSTAND UNIFORMLY DISTRIBUTED STATIONARY LOADS OF 600 LBS. PER SQUARE FOOT. WARRANTY DOES NOT COVER DAMAGE DUE TO PALLET JACKS, MOBILE CARTS, MOBILE SHELVING, FORK LIFTS, OR ANY OTHER FORM OF ROLLING TRAFFIC. A CONCRETE WEARING FLOOR MUST BE INSTALLED ON TOP OF THE WALK-IN FLOOR PANELS FOR THIS APPLICATION

WALK-IN TO BE MANUFACTURED TO UL & NSF REQUIREMENTS.

WALK-IN COOLERS /FREEZER TO COMPLY WITH 2021 INTERNATIONAL ENERGY CONSERVATION CODE (IECC), SECTION C403.11\*



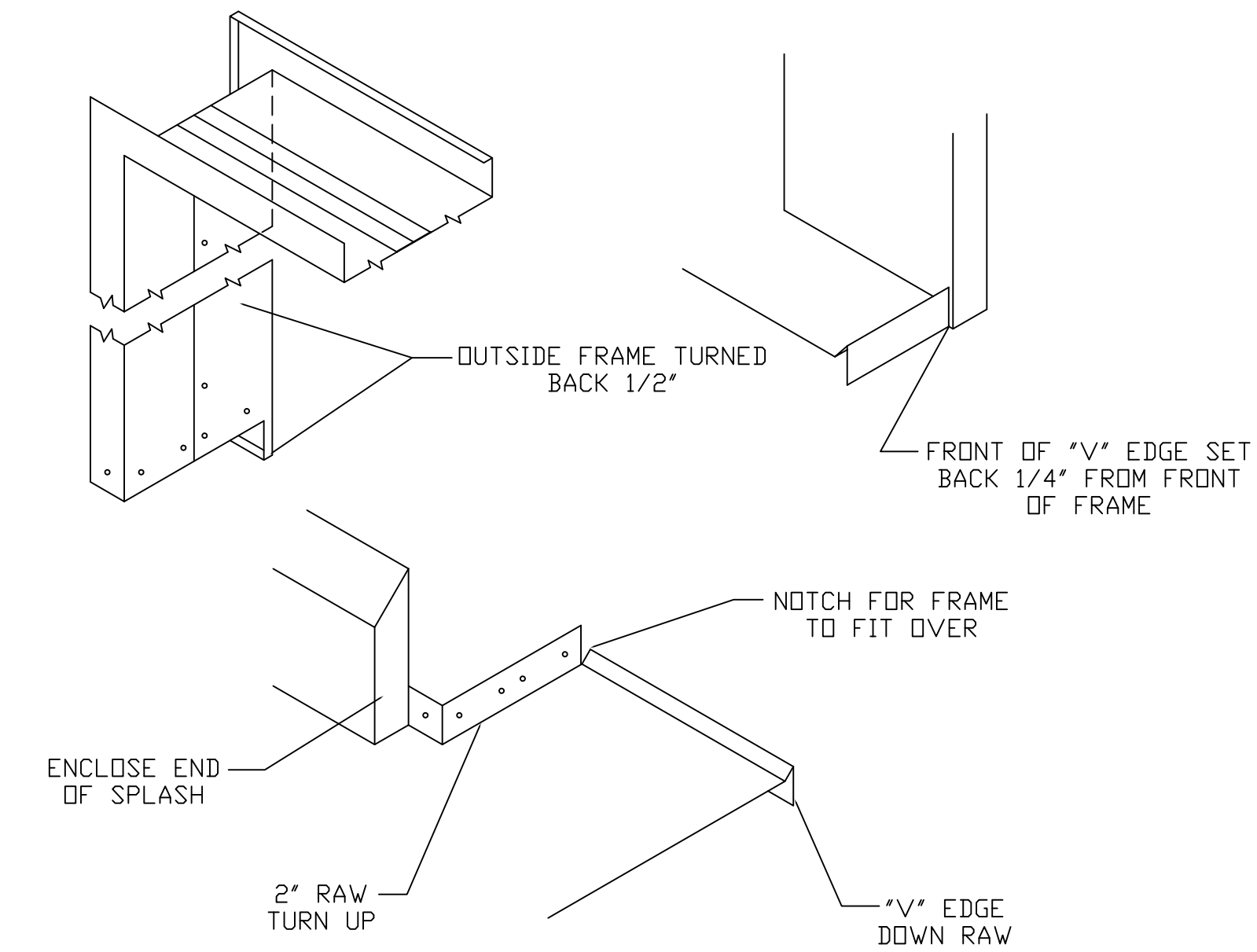
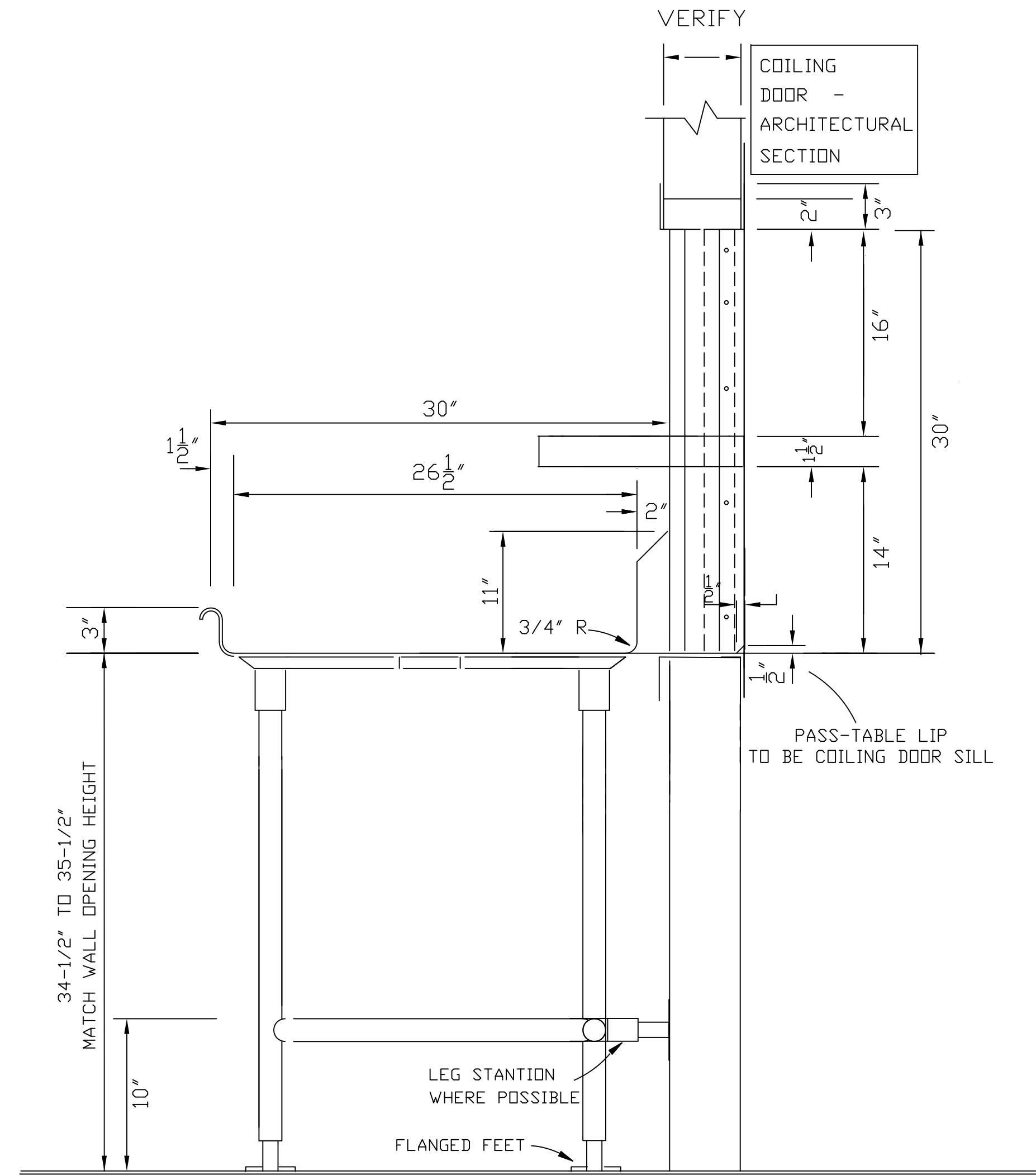
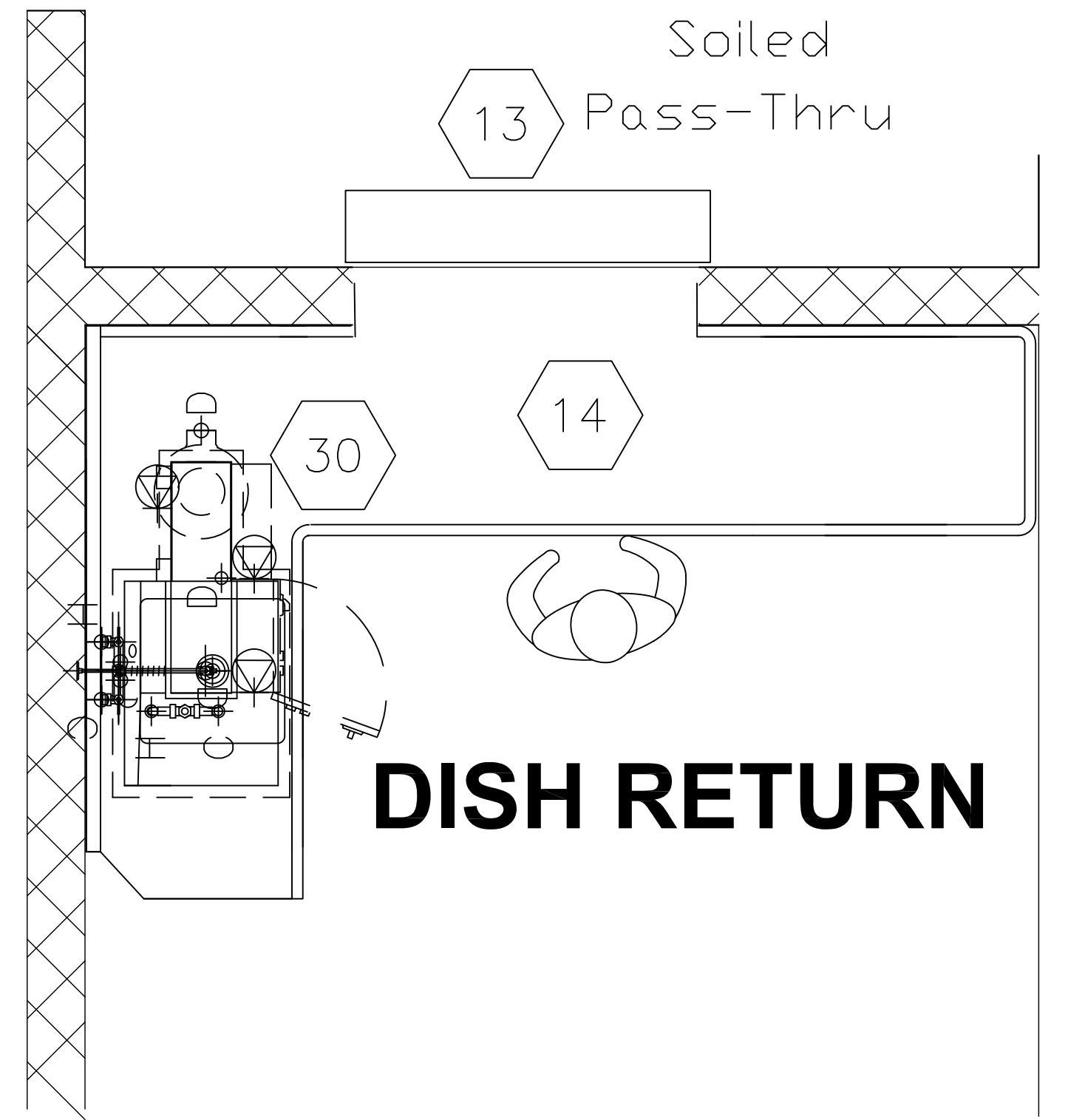
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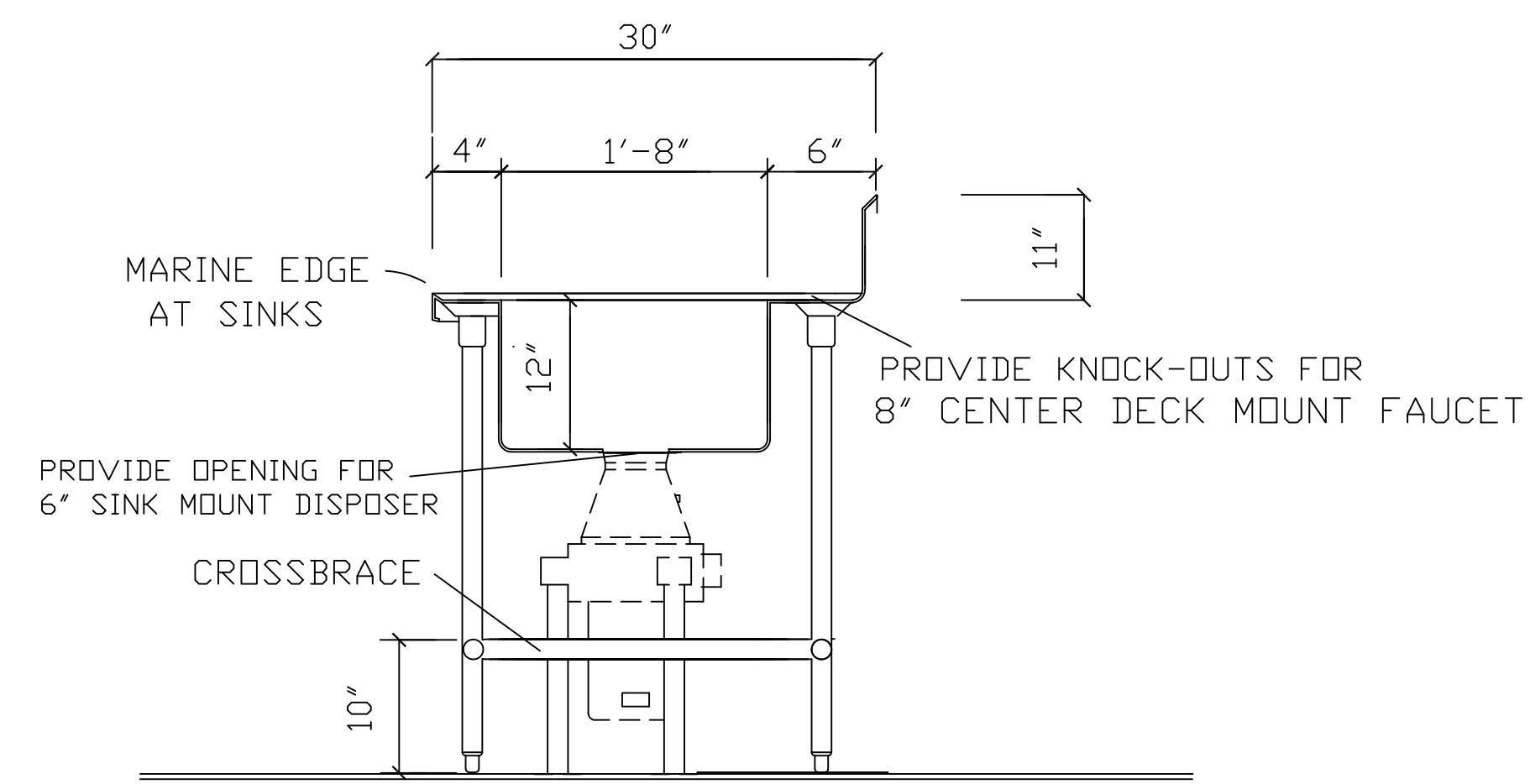
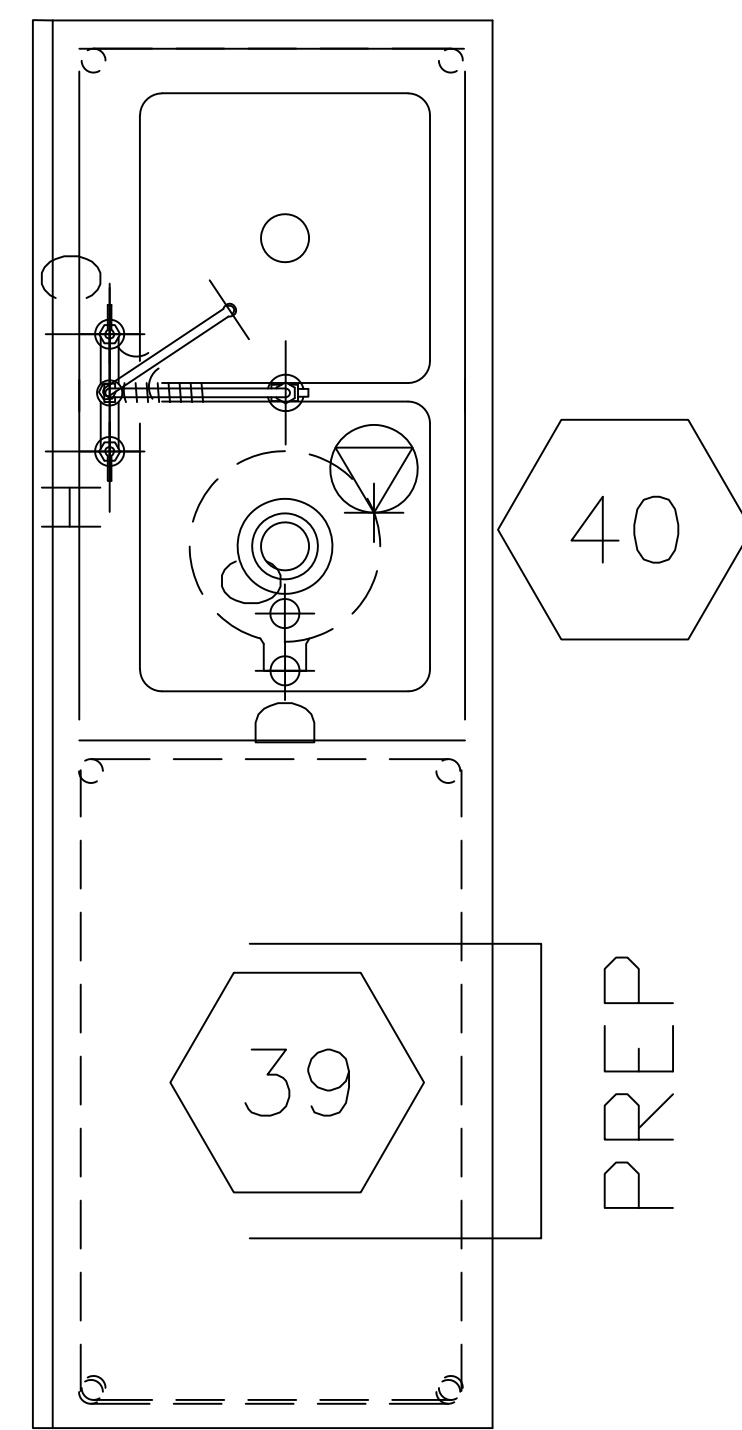
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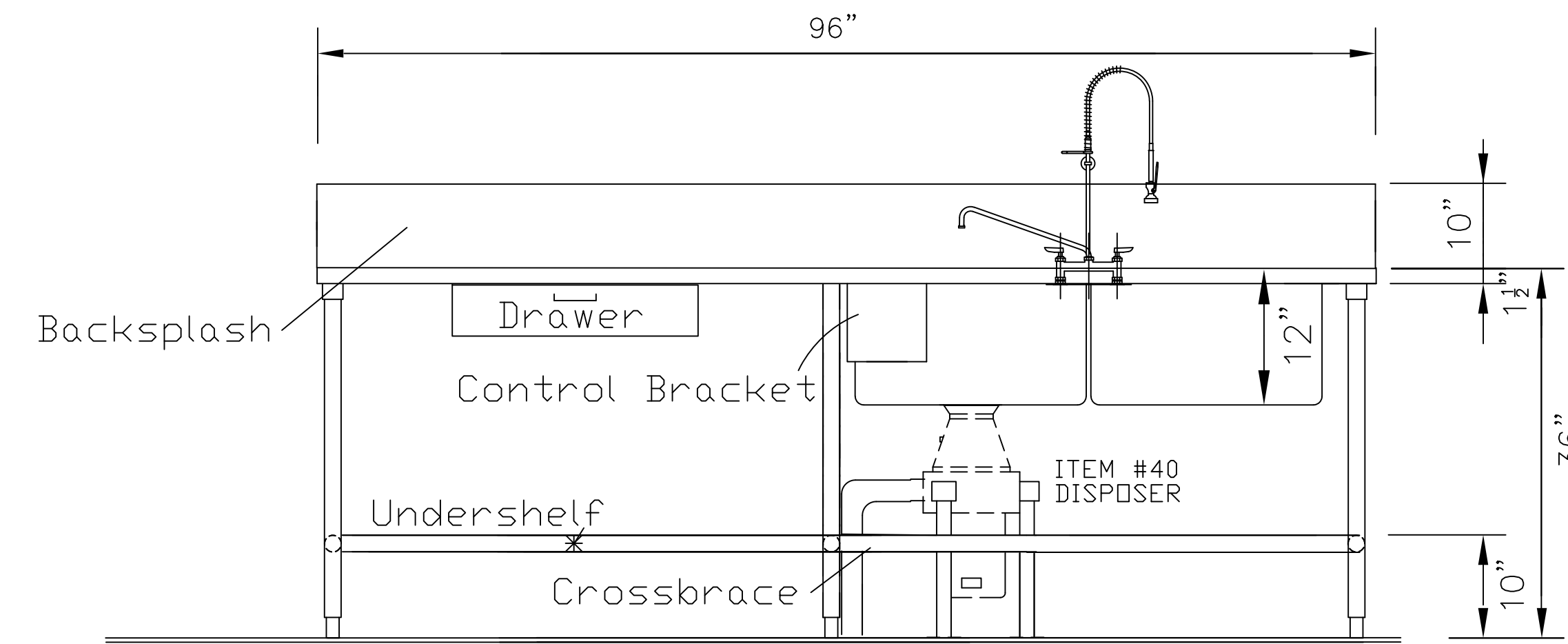


SECTION @ PASS THRU  
ITEM #14

DETAIL @ SPLIT TYPE PASS-THRU FRAME



SECTION - SINK END  
PREP TABLE WITH SINK  
ITEM #39



ELEVATION  
PREP TABLE WITH SINK  
ITEM #39



Revisions		
No.	Description	Date

PASCAGOULA-GAUTIER  
SCHOOL DISTRICT  
**GAUTIER ELEMENTARY  
SCHOOL KITCHEN  
RENOVATION (RE-BID)**

505 MAGNOLIA TREE DRIVE  
GAUTIER, MS 39553

**K106**  
KITCHEN EQUIPMENT DETAILS

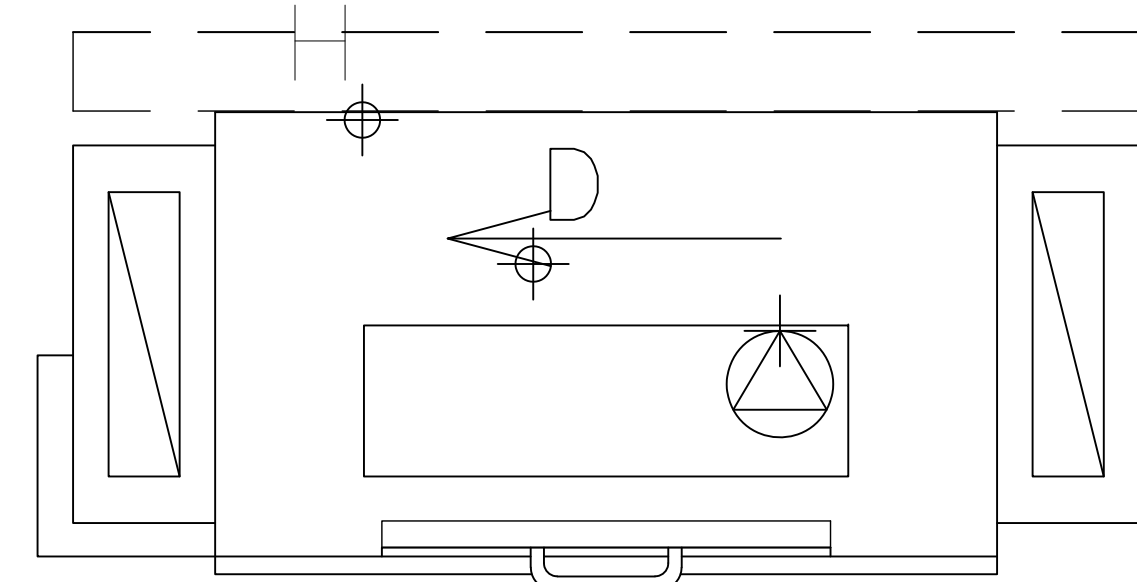
Drawn By BM	Checked By BM	Date 08/07/2023
Scale As indicated	Project Number 22050.01	

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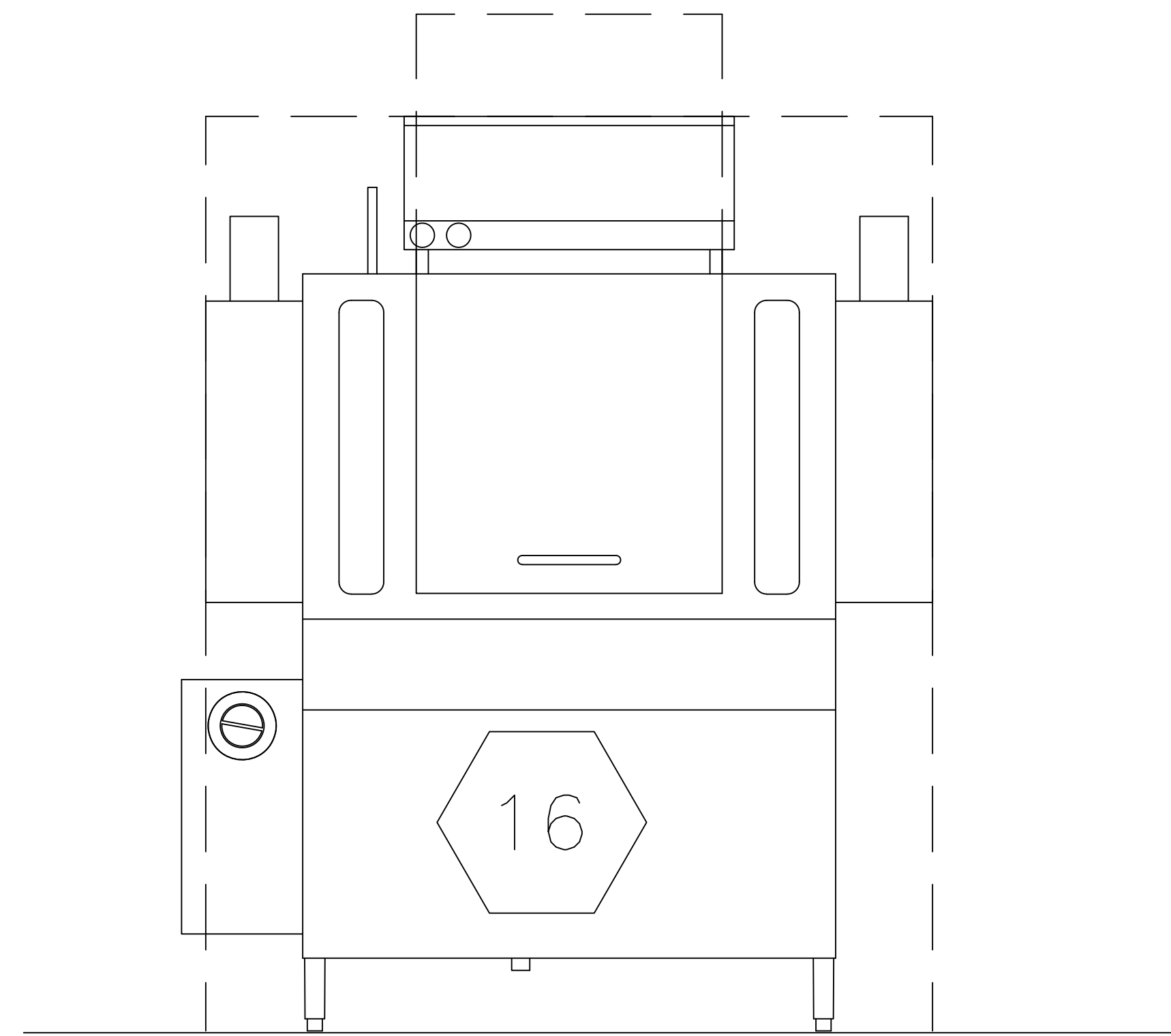
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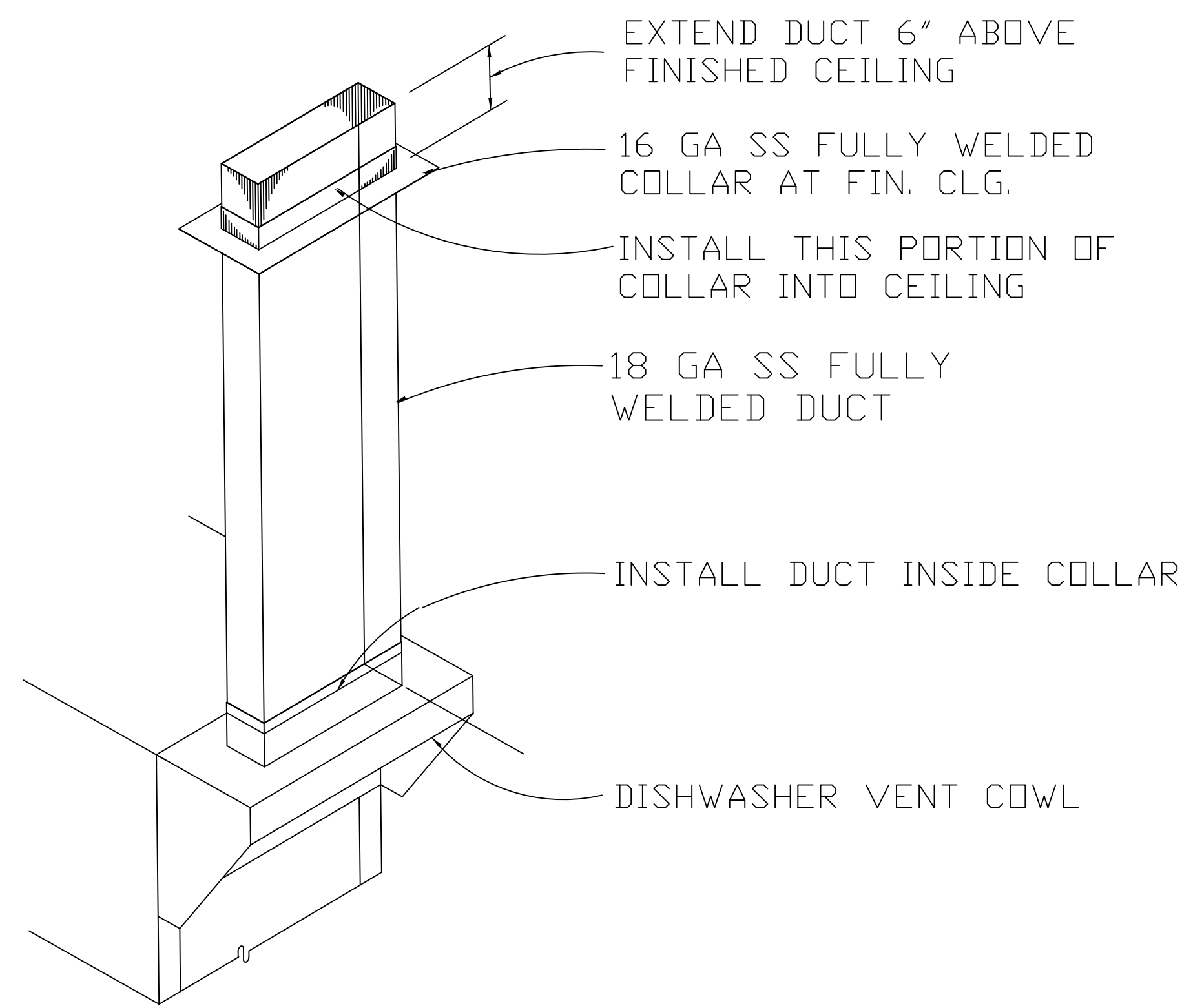


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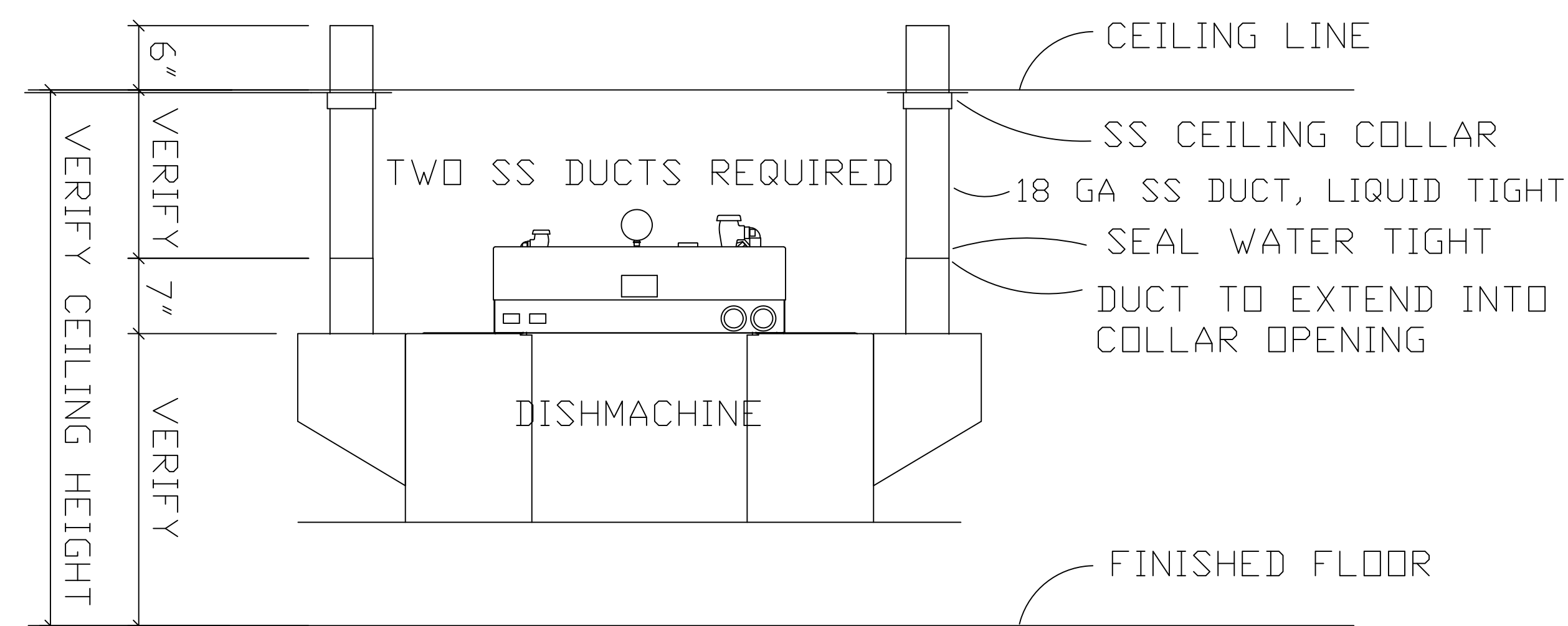
WAREWASHER  
PLAN VIEW



ELEVATION

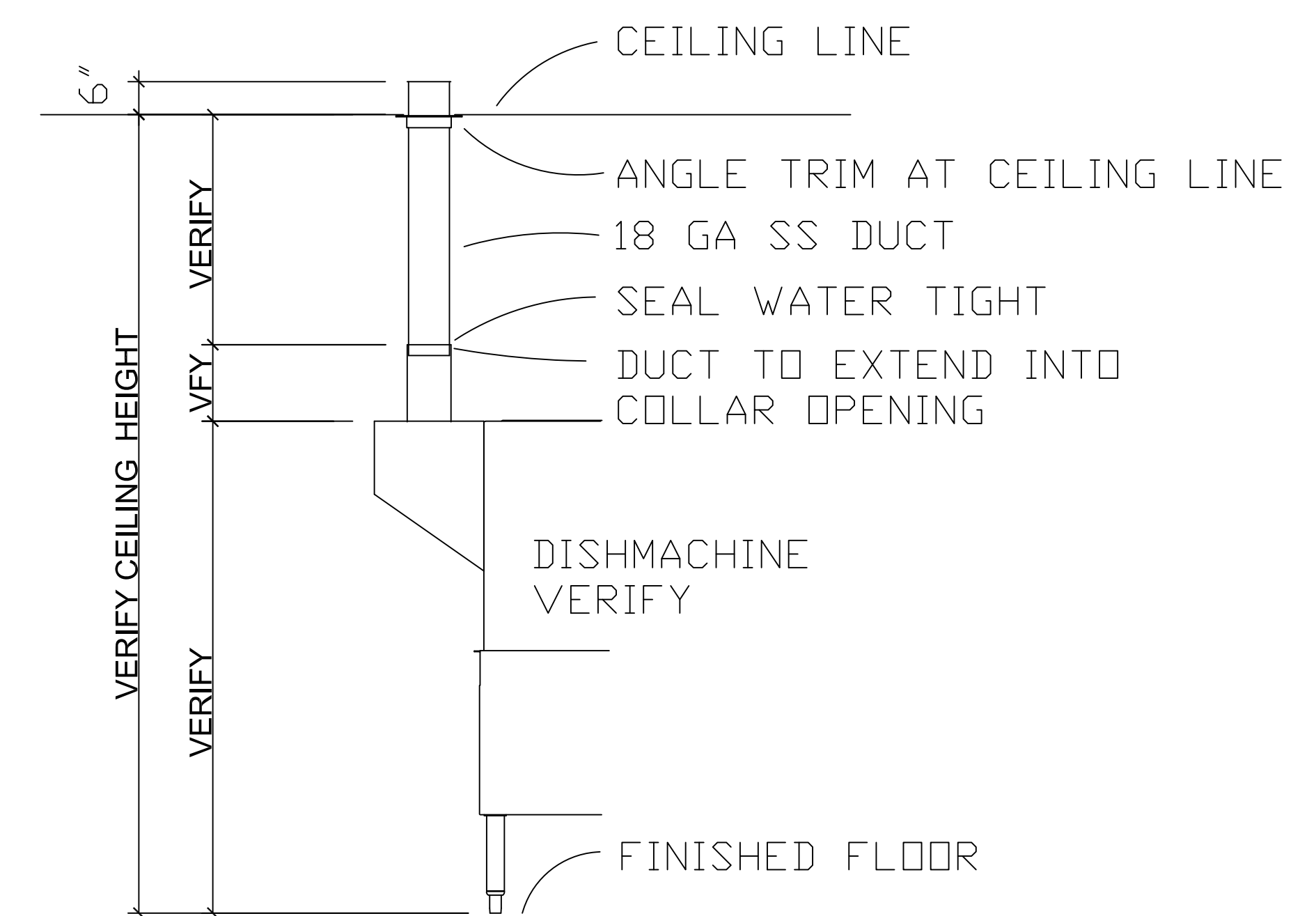


CONDENSATE DUCTS - TWO (2) REQUIRED



ELEVATION

ITEM #16a CONDENSATE EXHAUST DUCT



ITEM #16a  
SS DUCTS - TWO (2) REQUIRED



Revisions		
No.	Description	Date

PASCAGOULA-GAUTIER  
SCHOOL DISTRICT  
**GAUTIER ELEMENTARY  
SCHOOL KITCHEN  
RENOVATION (RE-BID)**

505 MAGNOLIA TREE DRIVE  
GAUTIER, MS 39553

**K107**  
KITCHEN EQUIPMENT DETAILS

Drawn By BM	Checked By BM	Date 08/07/2023
Scale As indicated	Project Number 22050.01	

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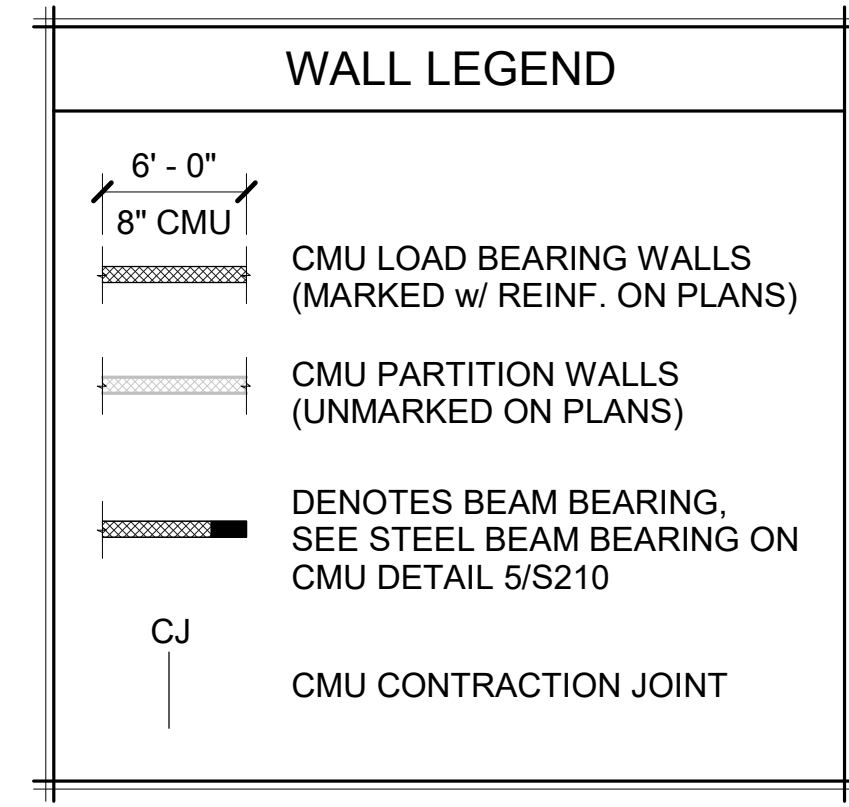
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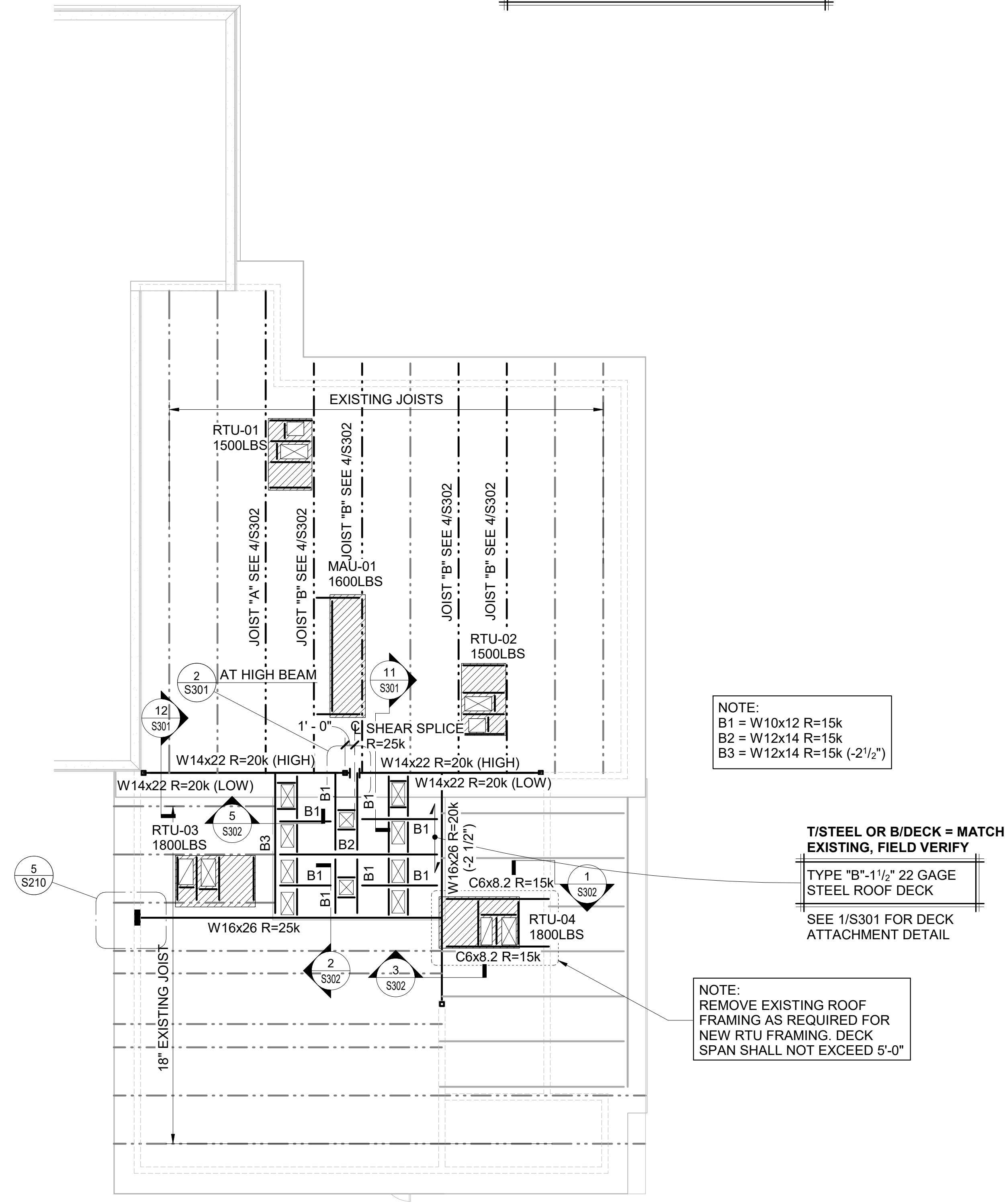


DETAIL INDEX	
SHEET	DETAIL
S301	ROOF DECK ATTACHMENT DETAIL
S301	BEAM TO COLUMN CONNECTION FOR CONTINUOUS BEAMS
S301	TYPICAL JOIST REINFORCEMENT FOR CONCENTRATED LOADS
S301	ROOF OPENING FRAME DETAIL FOR OPENINGS UP TO 14"
S301	ROOF OPENING FRAME DETAIL FOR OPENINGS GREATER THAN 14"
S301	ROOF FRAMING DETAILS AT MECHANICAL UNITS
S301	WALL BRACING OF NON-BEARING WALL WHEN EXTENDED TO ROOF DECK

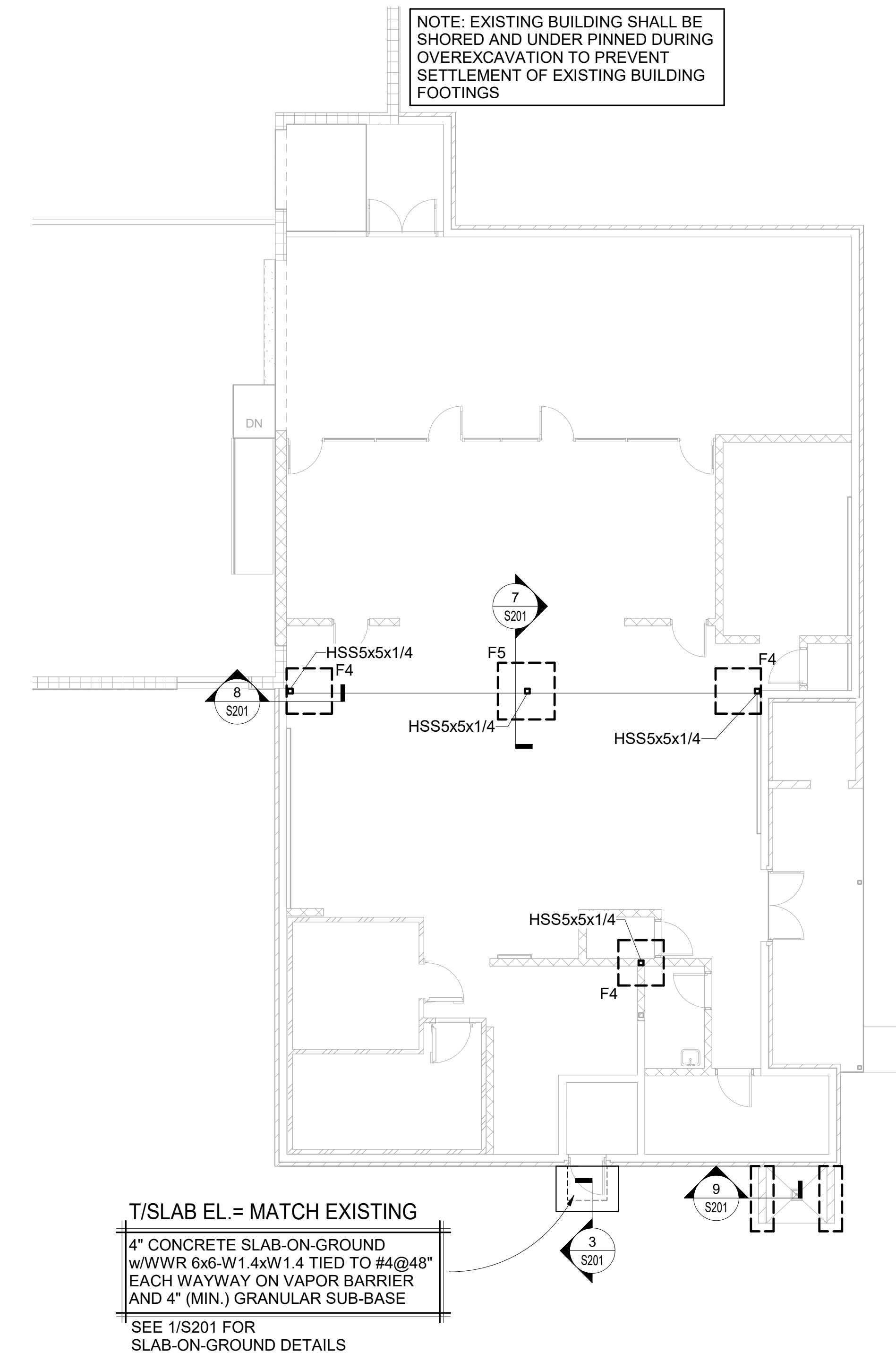


- FOUNDATION PLAN NOTES**
1. WALL REINFORCING FOR FULL HEIGHT OF WALLS IS INDICATED ON PLANS. SEE TYPICAL CMU WALL REINFORCING DETAIL FOR ADDITIONAL REINFORCING AT OPENINGS, CORNERS, CMU CONTRACTION JOINTS, ETC.
  2. WALLS SHOWN ON PLAN WITHOUT REINFORCING INDICATED TO HAVE MINIMUM REINFORCING AS SHOWN IN TYPICAL CMU WALL REINFORCING DETAIL.
  3. LINTELS ABOVE DOOR AND WINDOW OPENINGS ARE SHOWN ON PLANS. "L#" AND "CB#". SEE CMU LINTEL SCHEDULE OR CONCRETE BEAM SCHEDULE FOR SIZE AND REINFORCING.
  4. CJ (CMU CONTRACTION JOINT) SHOWN ON PLANS INDICATES APPROXIMATE LOCATIONS OF CONTRACTION JOINTS. LOCATIONS ARE INTENDED TO COINCIDE WITH CMU COURSING. COORDINATE LOCATION OF JOINTS WITH ARCHITECTURAL DRAWINGS. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS OF BRICK JOINTS.
  5. ALL DIMENSIONS ARE TO BE VERIFIED WITH ARCHITECTURAL DRAWINGS BEFORE DETAILING AND CONSTRUCTION ARE TO BEGIN. FOR DIMENSIONS NOT SHOWN, SEE ARCHITECTURAL DRAWINGS DIMENSIONS SHOWN ARE TO FACE OF CMU.
  6. DO NOT LOCATE PLUMBING LINES WITHIN CONCRETE FOOTINGS.

DETAIL INDEX	
SHEET	DETAIL
S201	TYPICAL SLAB-ON-GROUND DETAILS
S201	COLUMN FOOTING SCHEDULE
S201	BASE PLATE AND ANCHOR ROD SCHEDULE
S201	TYPICAL ISOLATION JOINT DETAILS AT "HSS" STEEL COLUMNS
S201	TYPICAL CMU WALL REINFORCING AT LOAD-BEARING AND NON LOAD-BEARING CMU WALL
S201	CMU WALL OPENING DETAIL
S201	UN-MARKED CMU LINTEL SCHEDULES
S210	CMU WALL CONTRACTION/CONTROL JOINT DETAIL
S210	TYPICAL STEEL BEAM BEARING AT CMU WALLS



2 Cafeteria - Roof Framing Plan  
1/8" = 1'-0"



1 Cafeteria - Foundation Plan  
1/8" = 1'-0"

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**S101**  
Cafeteria - Foundation and Roof Framing Plan

Drawn By: A.W./AV.G. Checked By: A.W./AV.G. Date: 08/07/2023

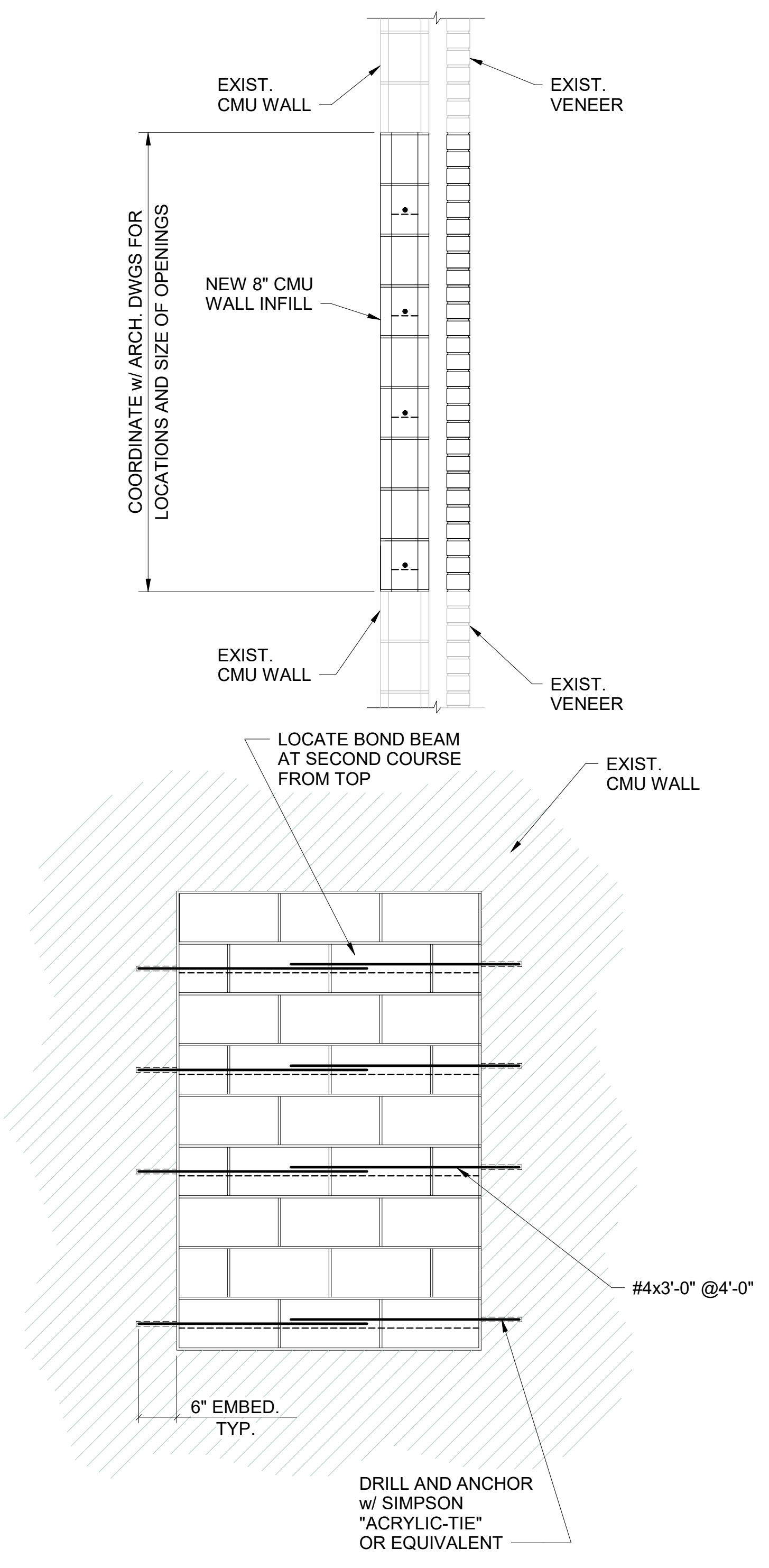
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Revisions		
No.	Description	Date

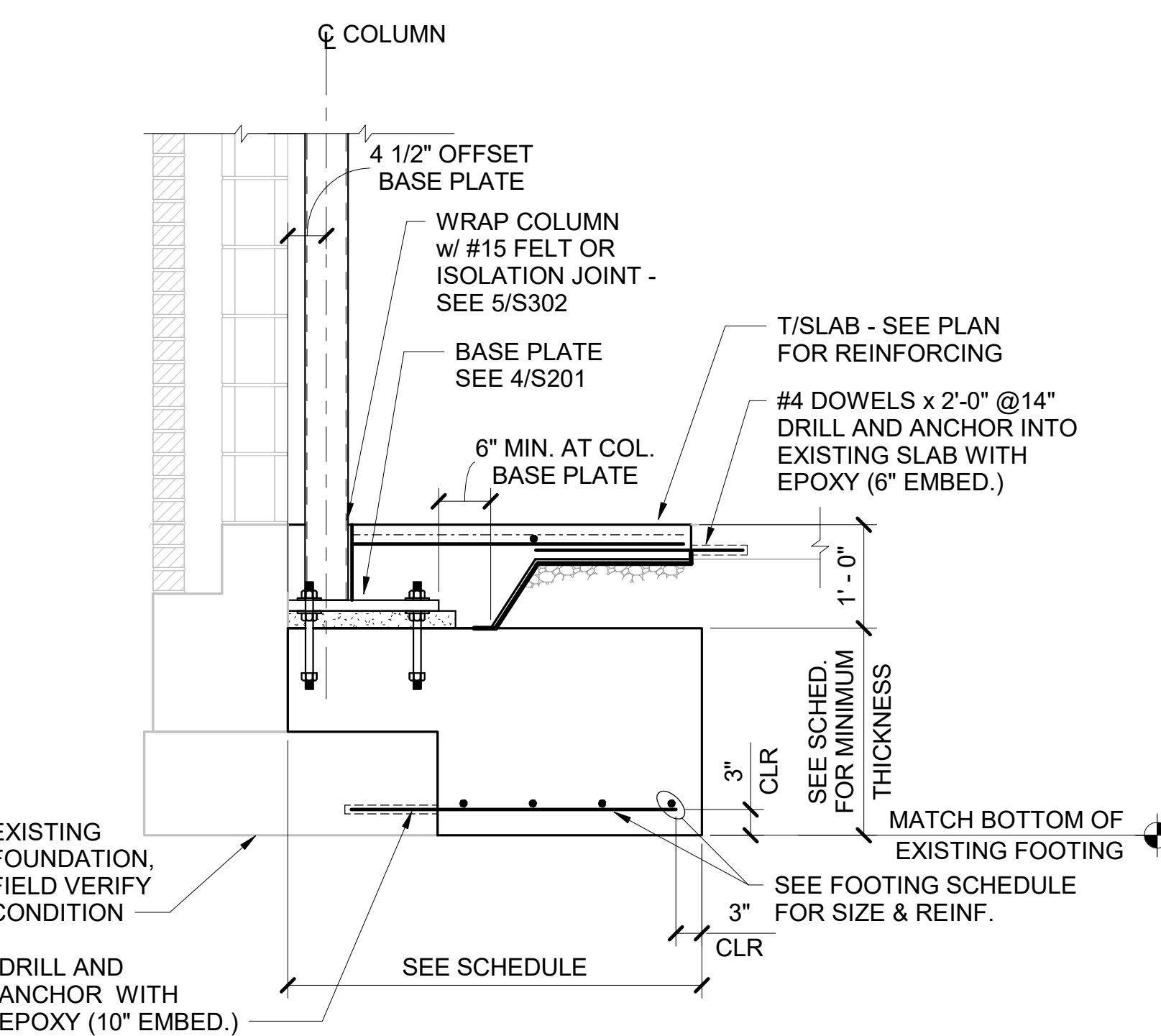
PASCAGOULA-GAUTIER SCHOOL DISTRICT  
GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)

505 MAGNOLIA TREE DRIVE  
GAUTIER, MS 39553

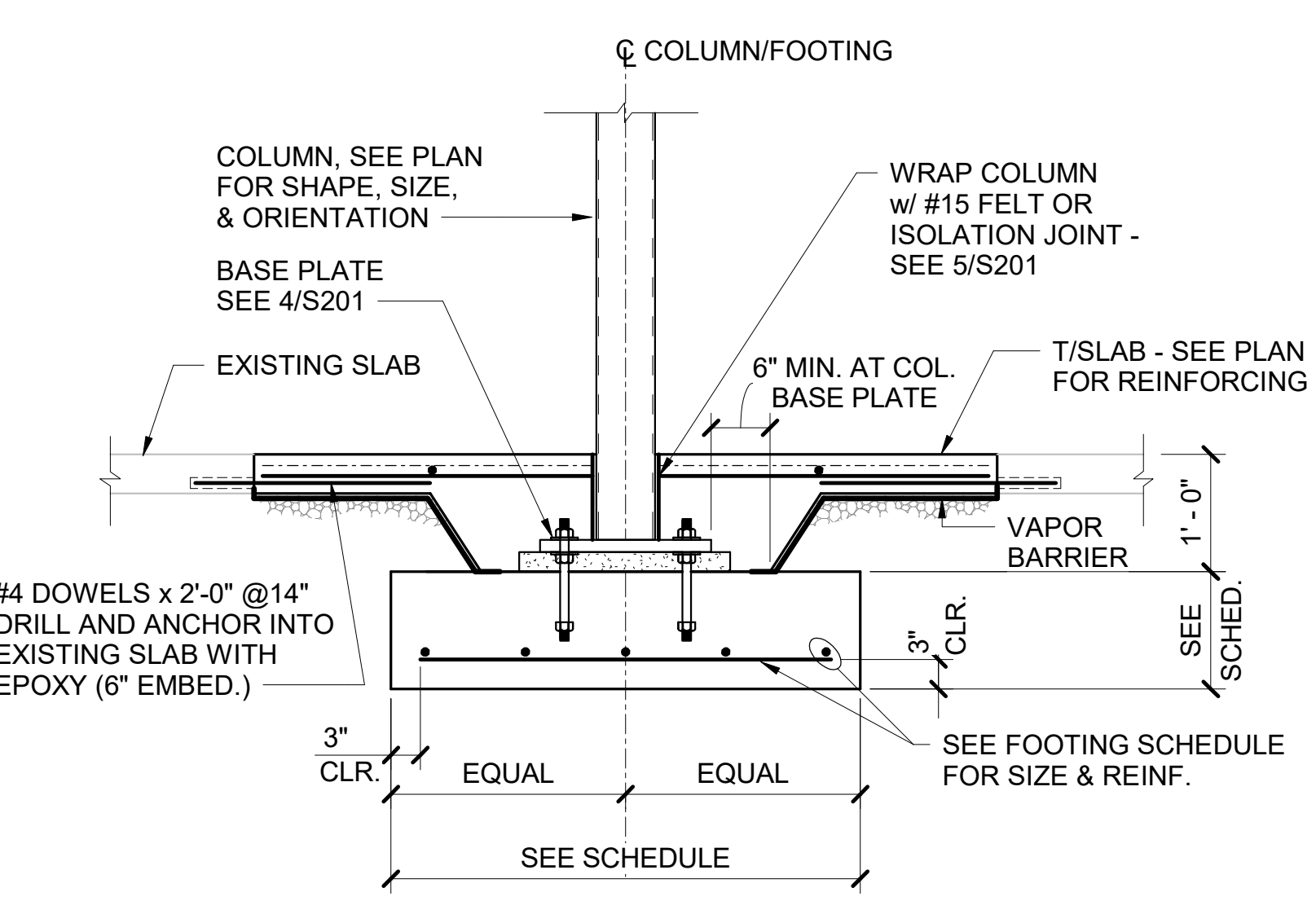
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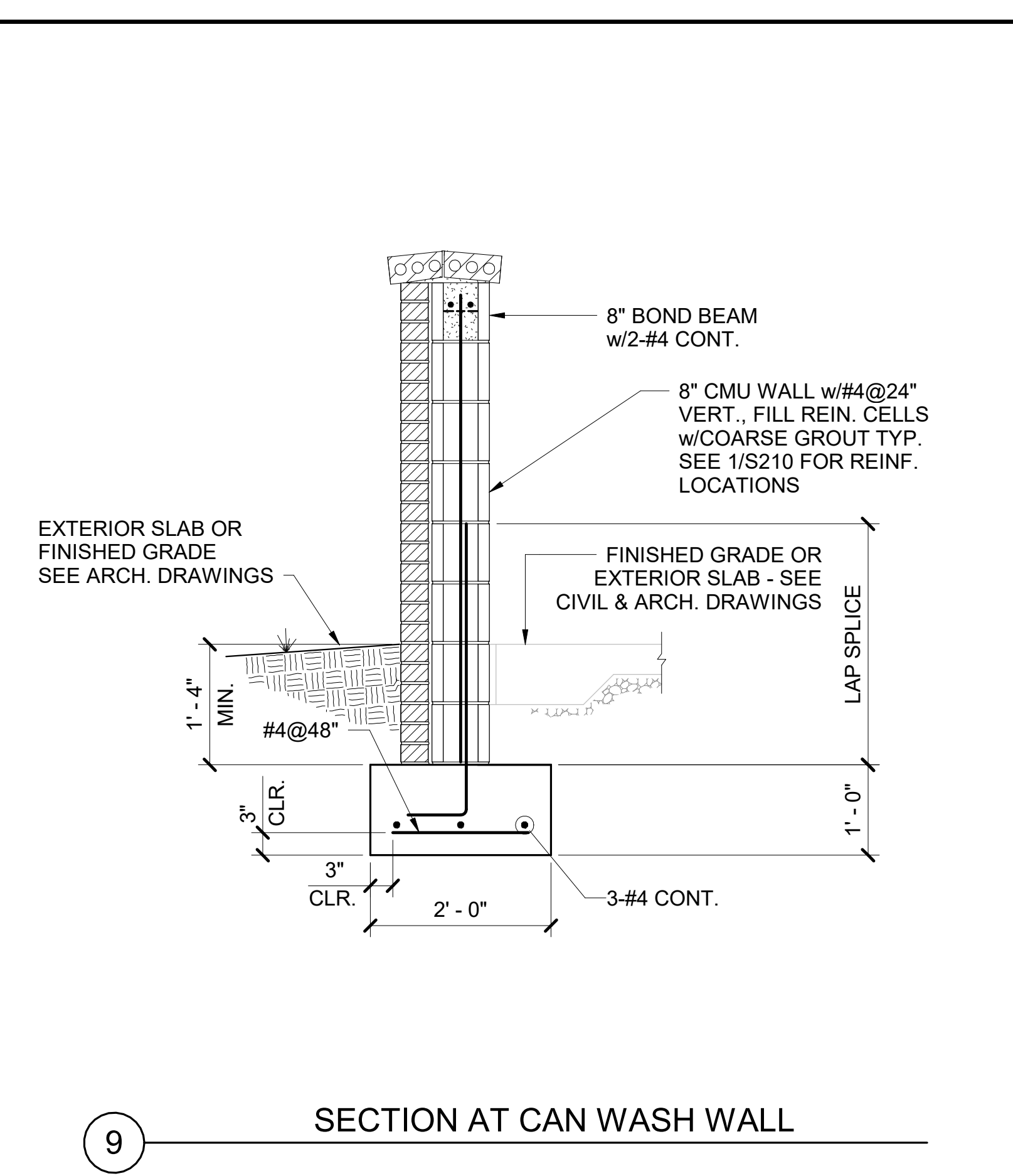
10 EXISTING CMU WALL INFILL DETAIL



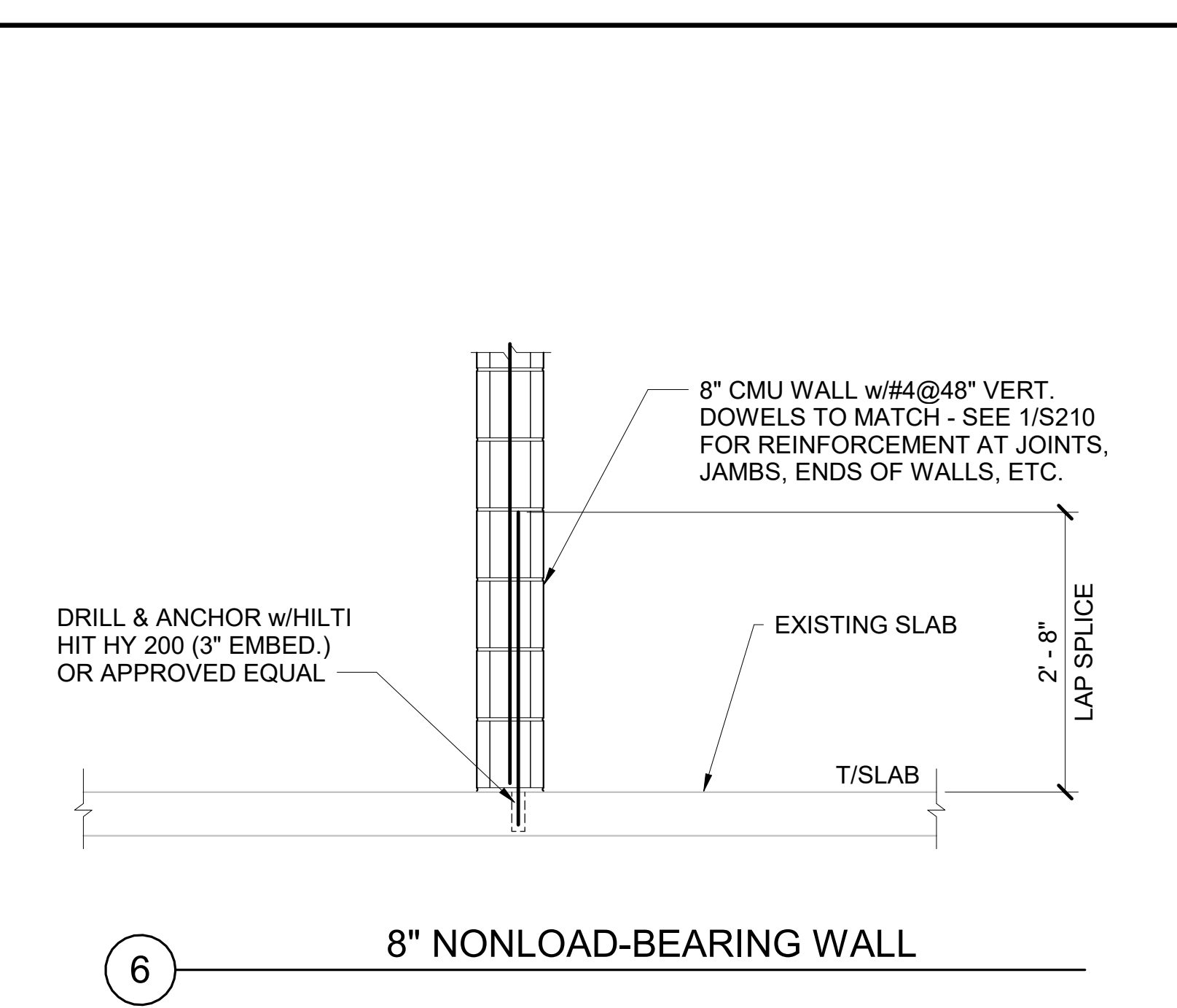
8 SECTION AT NEW COLUMN AND EXISTING



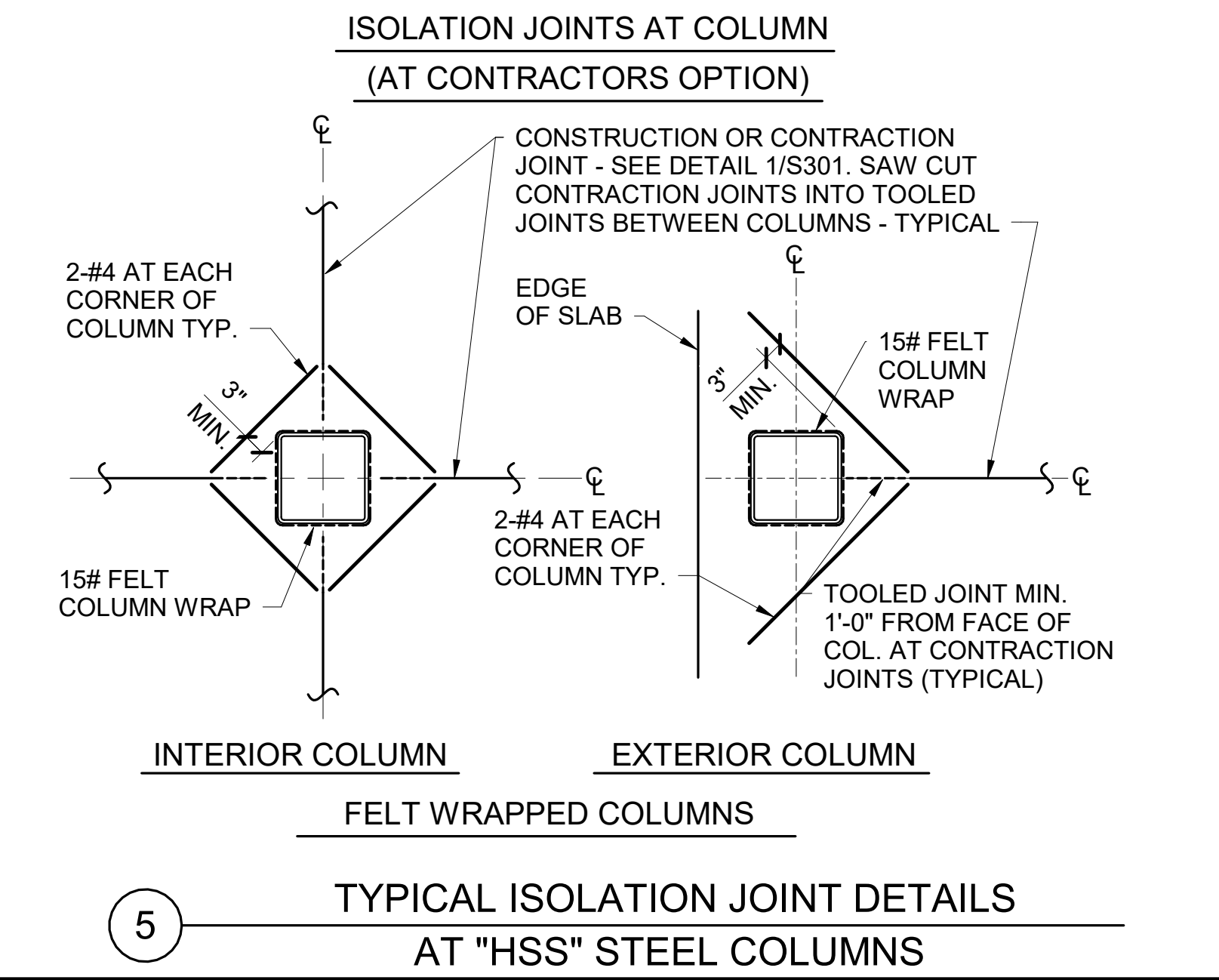
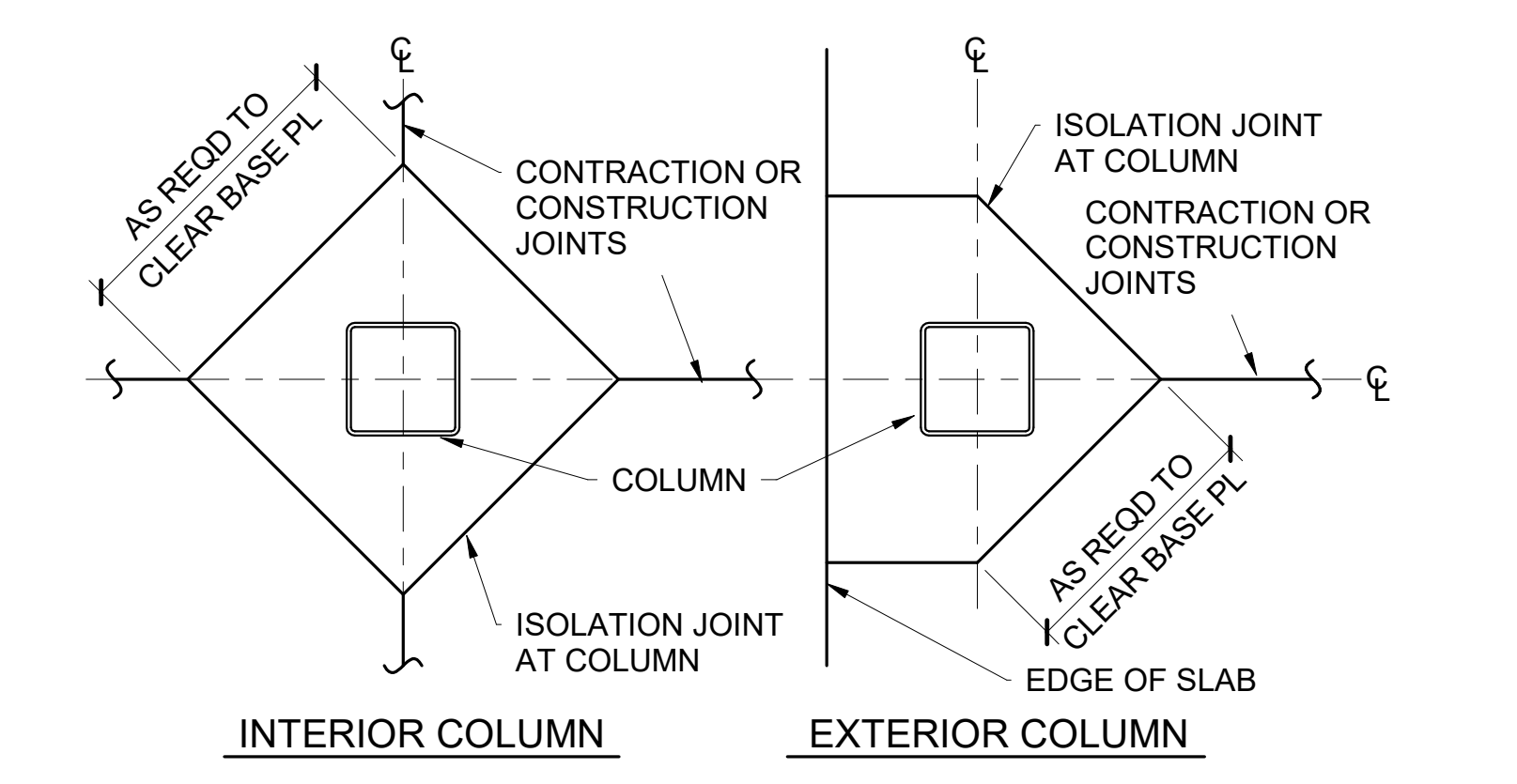
7 SECTION AT INTERIOR COLUMN



9 SECTION AT CAN WASH WALL

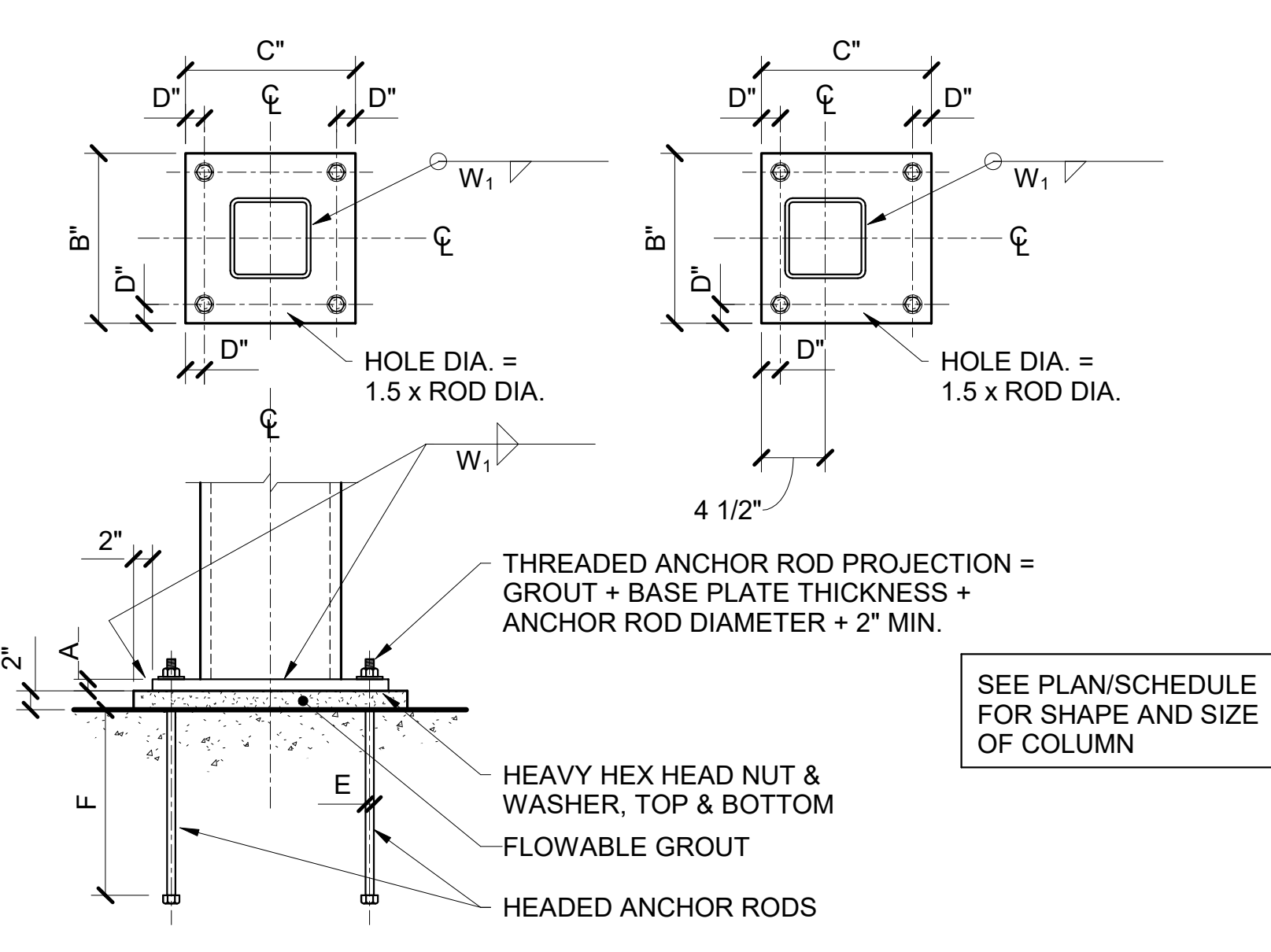


6 8" NONLOAD-BEARING WALL

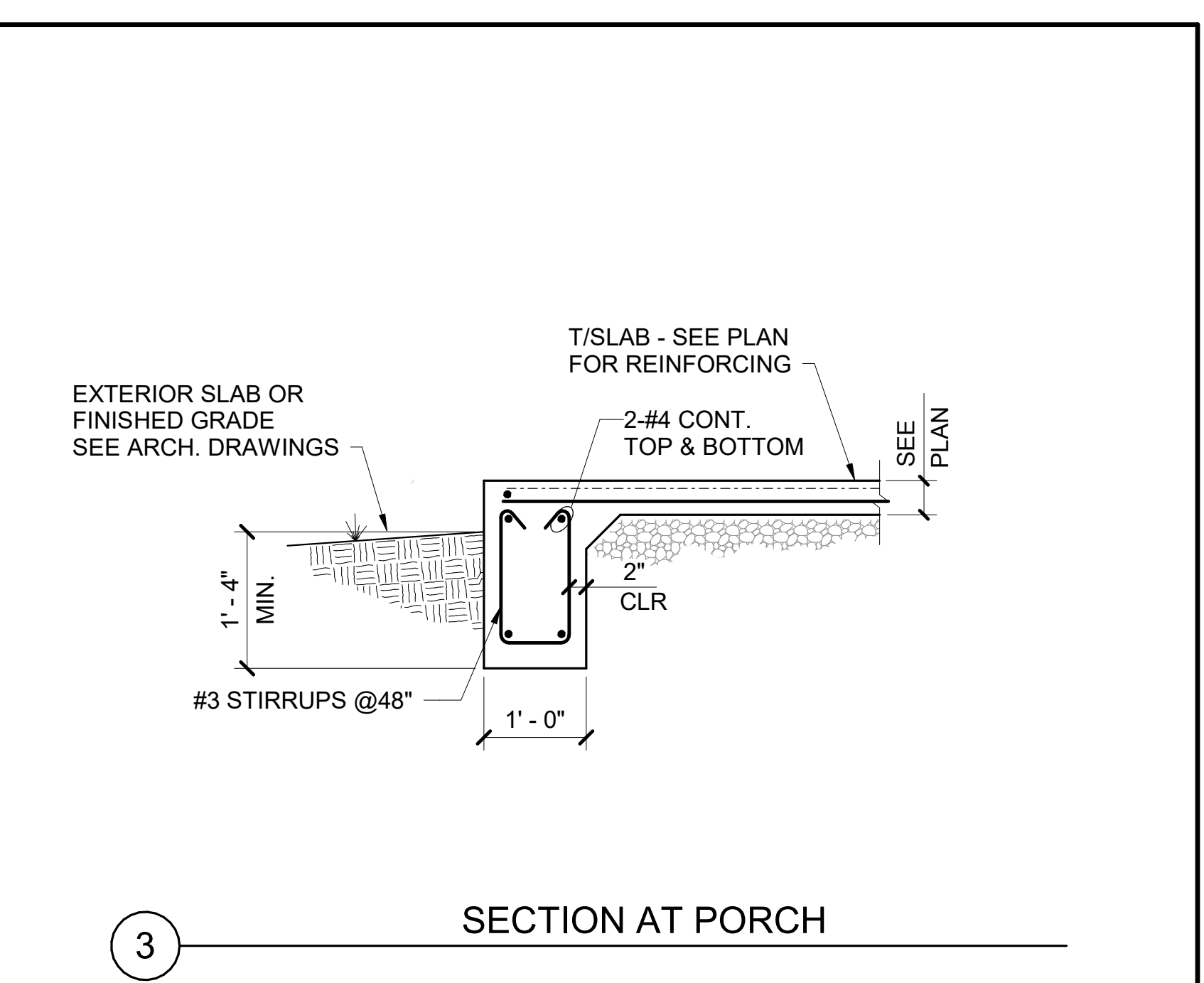


5 TYPICAL ISOLATION JOINT DETAILS AT "HSS" STEEL COLUMNS

COLUMN BASE PLATE SIZE	BASE PLATE				ANCHOR RODS		WELD	
	A	B	C	D	E	F	No.	W <sub>1</sub>
HSS5x5	1"	13"	13"	2"	3/4"	9"	4	3/16



4 BASE PLATE AND ANCHOR ROD SCHEDULE

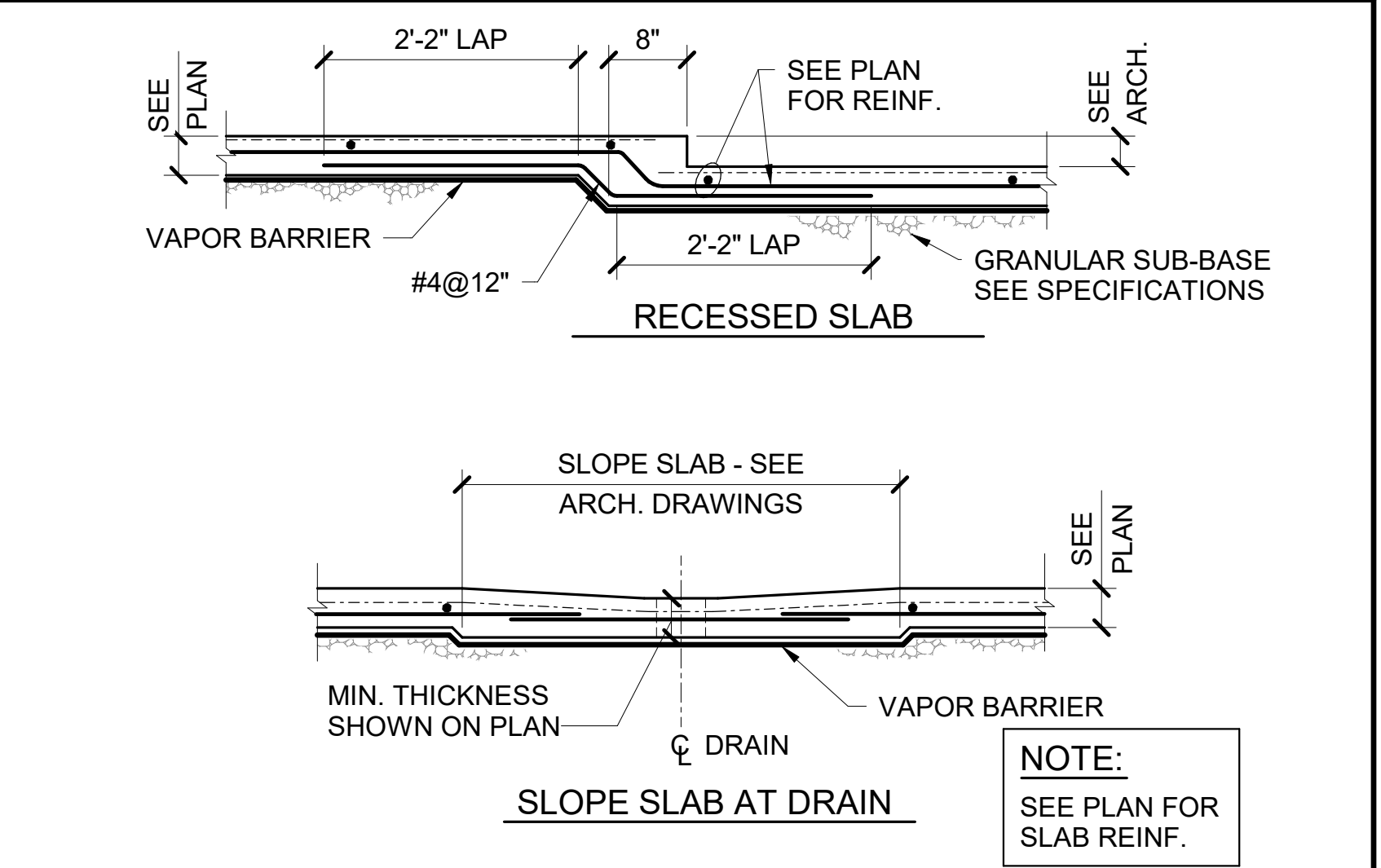


3 SECTION AT PORCH

COLUMN FOOTING SCHEDULE

MARK	SIZE	BOTTOM REINF. EACH WAY	REMARKS
F4	4'-0" x 4'-0" x 1'-0"	4-#6	-
F5	5'-0" x 5'-0" x 1'-0"	5-#6	-

2 COLUMN FOOTING SCHEDULE



1 TYPICAL SLAB-ON-GROUND DETAILS

PASCAGOULA-GAUTIER SCHOOL DISTRICT

GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)

Revisions

No.	Description	Date

PASCAGOULA-GAUTIER SCHOOL DISTRICT  
GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)

505 MAGNOLIA TREE DRIVE  
GAUTIER, MS 39553

**S201**  
Foundation Sections and Details

Drawn By	Checked By	Date
A.W./N.G.	A.W./N.G.	08/07/2023

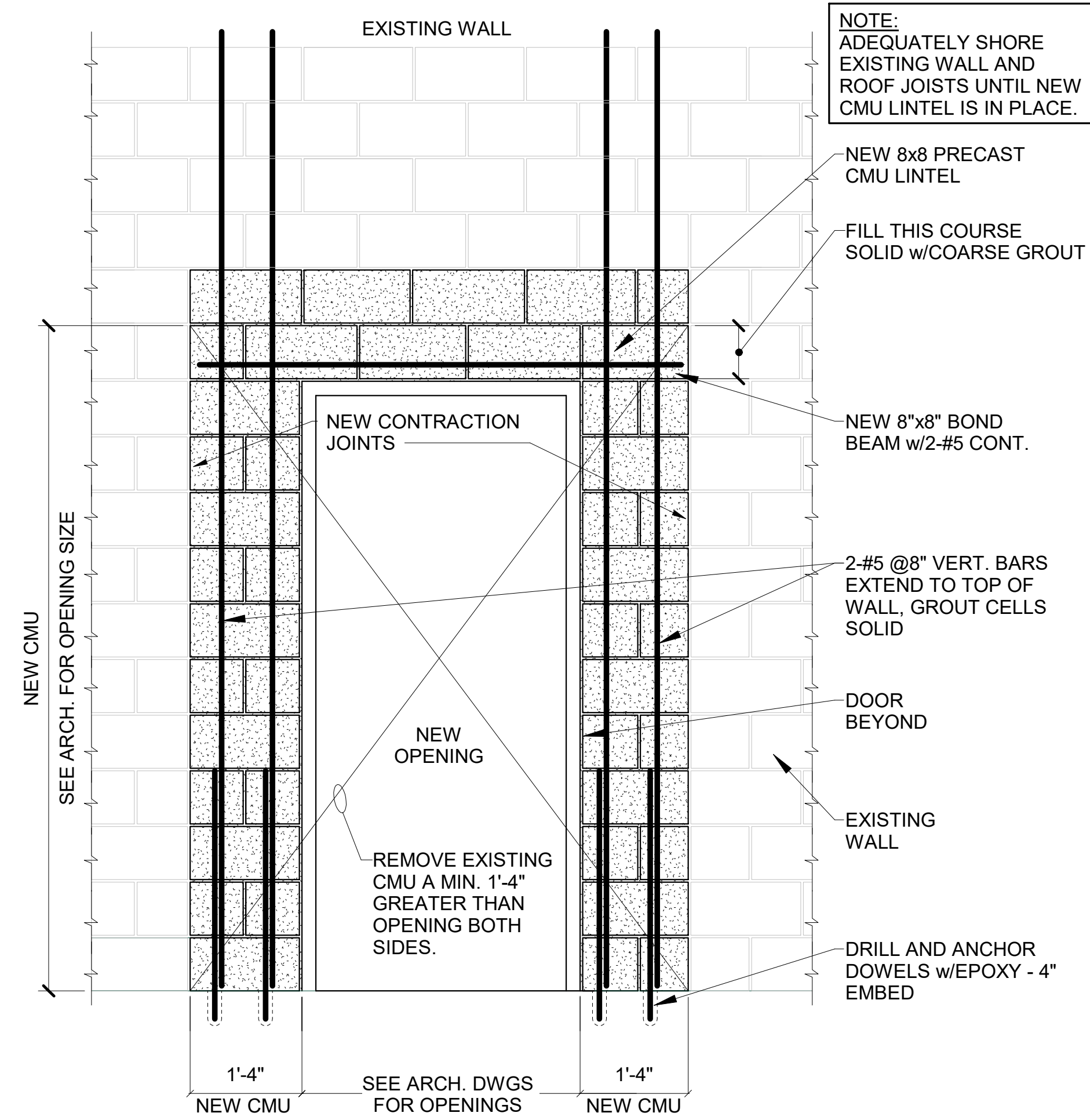
Scale: 3/4" = 1'-0"  
Project Number: 22050.01

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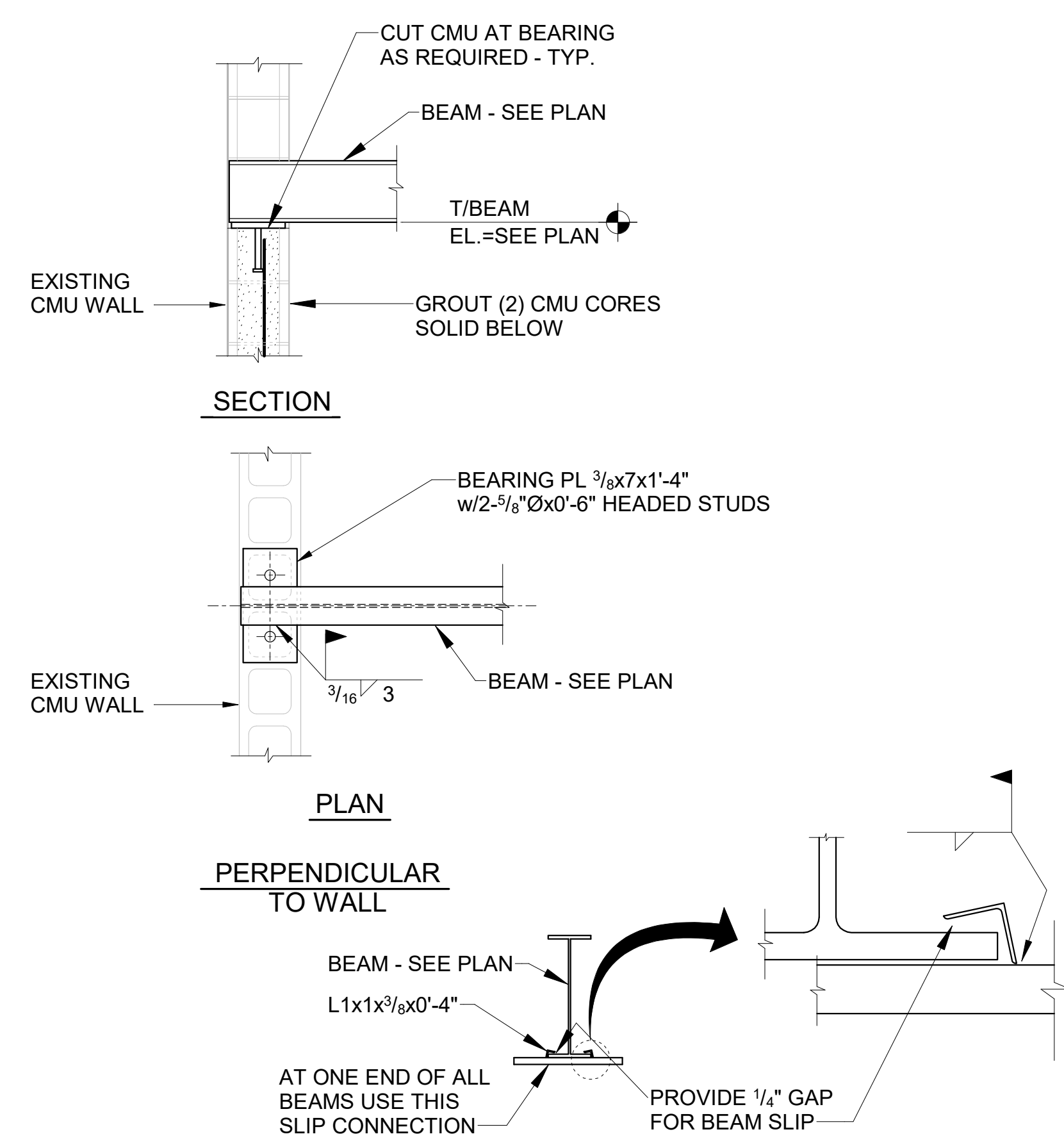
**JBHM** Architecture

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Tupelo  
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jbhm.com

22050.01

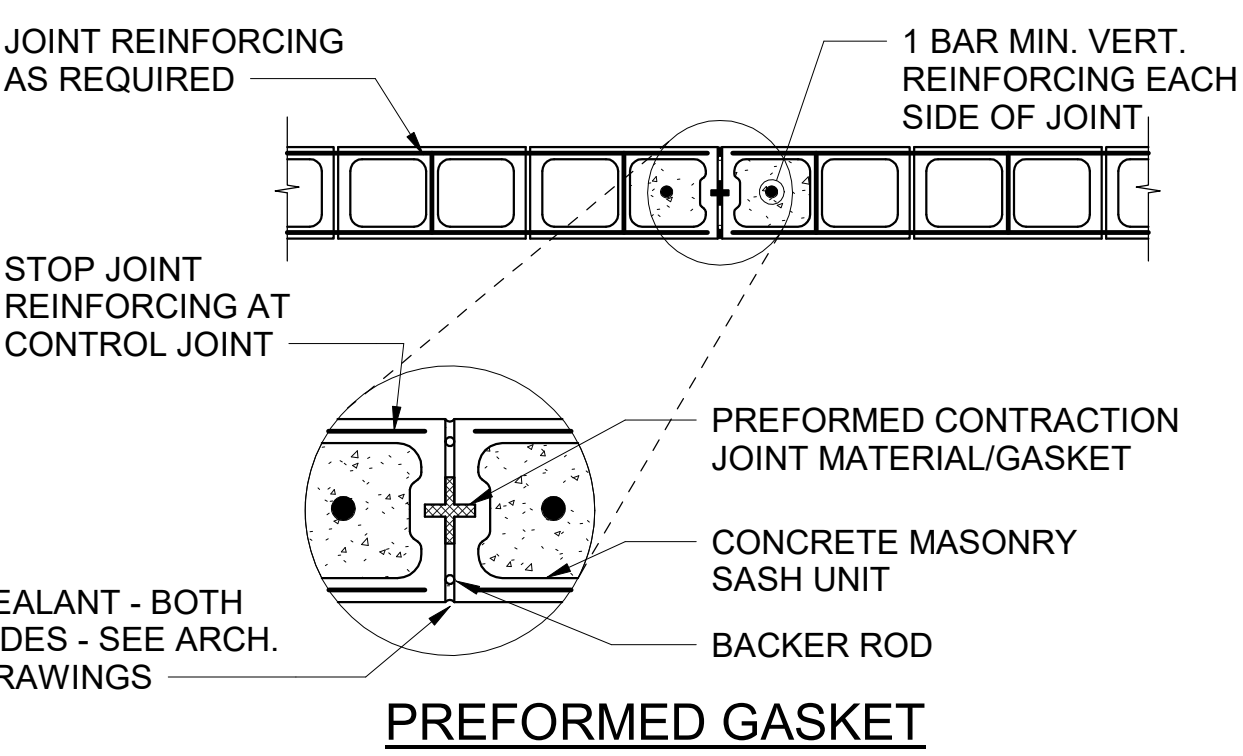
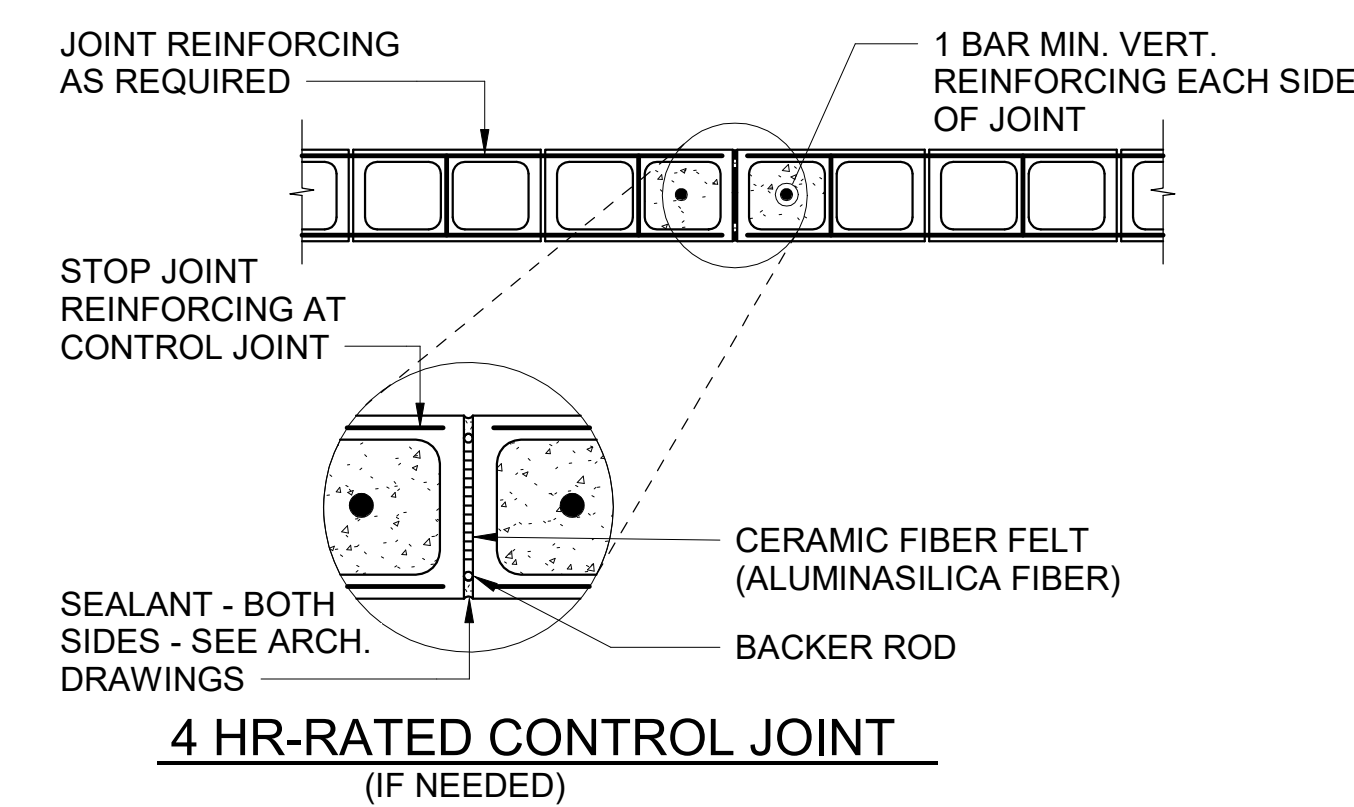


6 NEW LINTEL AT EXISTING CMU WALL AT NEW DOOR OPENING



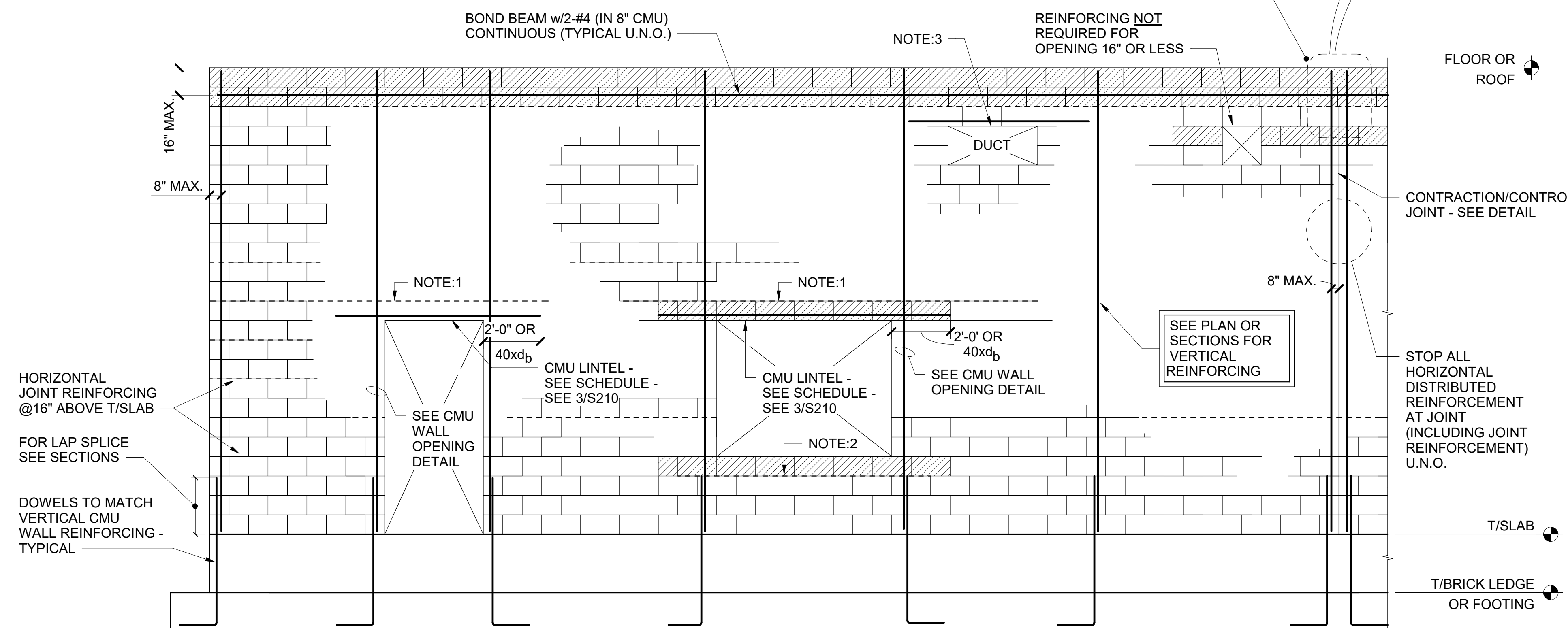
5 TYPICAL STEEL BEAM BEARING AT CMU WALL

**NOTE:**  
1. SEE PLANS FOR LOCATION OF CONTRACTION JOINTS AND STRUCTURAL NOTES FOR MAX. SPACING.  
2. LOCATE CONTRACTION JOINTS 2'-0" MINIMUM FROM SIDES OF OPENINGS.  
3. C.J. (CMU CONTRACTION JOINT) SHOWN ON PLANS INDICATES APPROXIMATE LOCATIONS OF CONTRACTION JOINTS. LOCATIONS ARE INTENDED TO COINCIDE WITH CMU COURSING. COORDINATE LOCATION OF JOINTS WITH ARCH. DRAWINGS. SEE ARCH. DRAWINGS FOR LOCATIONS OF BRICK JOINTS.  
4. COORDINATE LOCATIONS w/ARCH. DRAWINGS.  
5. DO NOT CONSTRUCT CONTRACTION JOINT THROUGH BOND BEAM.



4 CMU WALL CONTRACTION/CONSTRUCTION JOINT DETAIL

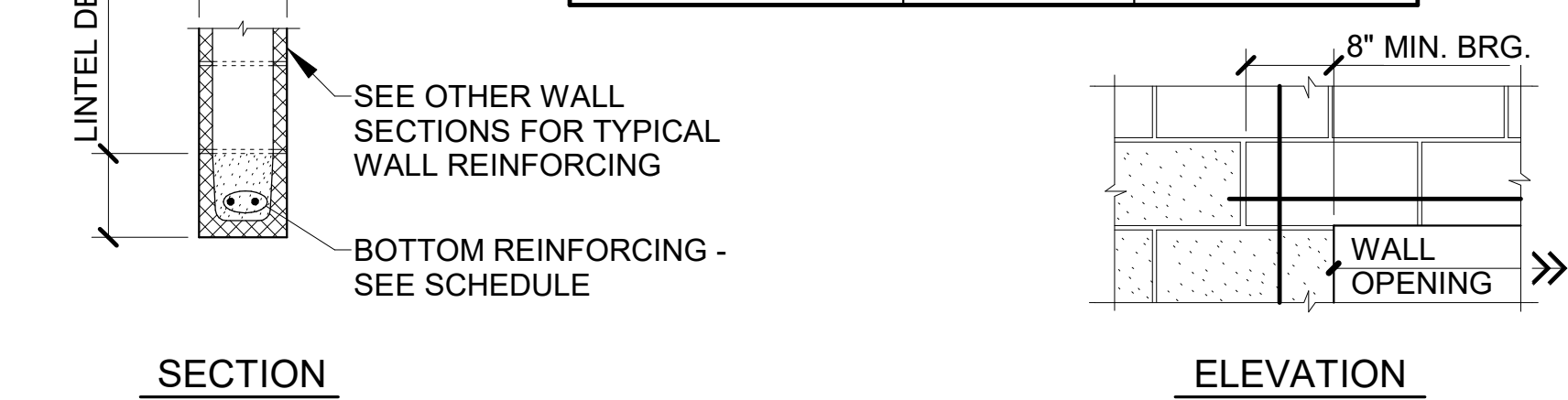
**NOTE:**  
1. ADD HORIZONTAL JOINT REINFORCEMENT ABOVE LINTEL. EXTEND 4'-0" EACH SIDE OF OPENING.  
2. ADD HORIZONTAL JOINT REINFORCEMENT BELOW CMU SILL. EXTEND 4'-0" EACH SIDE OF OPENING.  
3. FOR MECHANICAL/PLUMBING PENETRATIONS, PROVIDE LINTEL OVER CMU OPENING PER UNMARKED CMU LINTEL SCHEDULE.



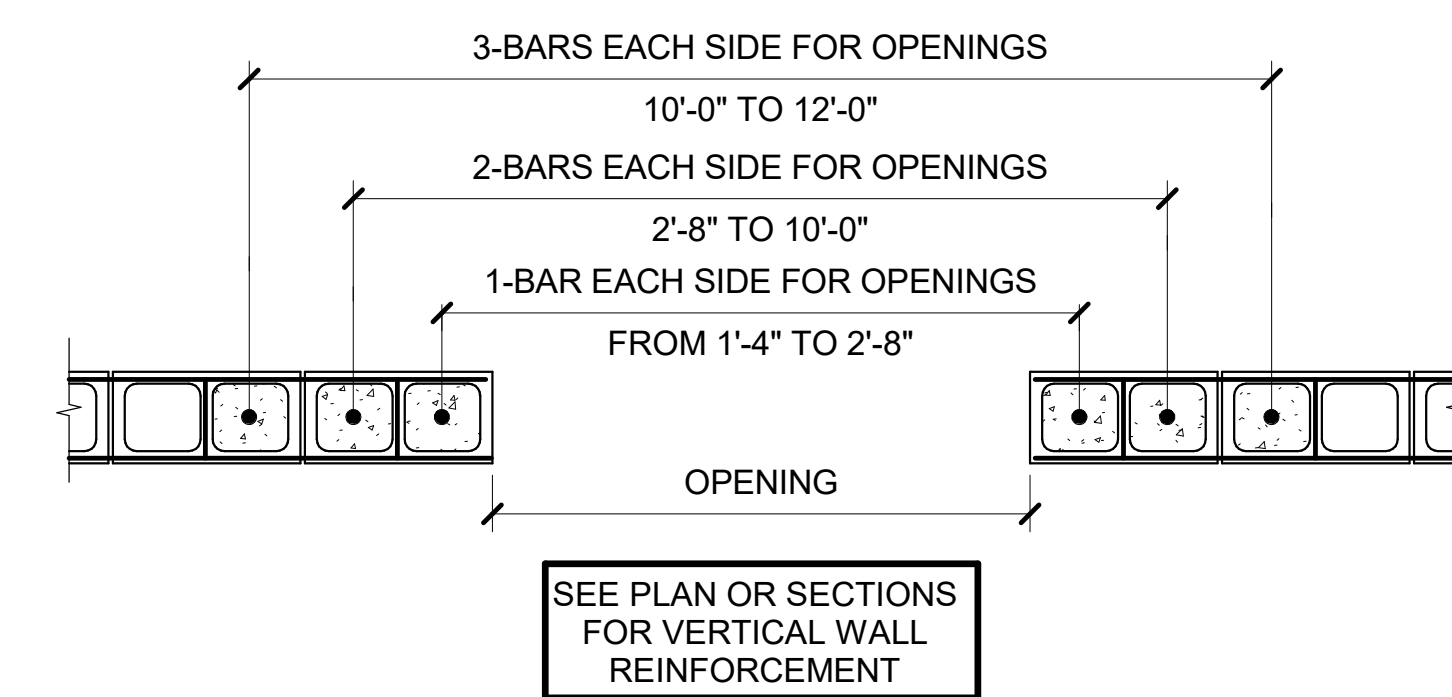
1 TYPICAL CMU WALL REINFORCING AT LOAD-BEARING AND NON LOAD-BEARING CMU WALL

**UN-MARKED CMU LINTEL SCHEDULE**

WALL OPENING WIDTH	LINTEL DEPTH	REINFORCING
UP TO 4'-0"	8"	2-#4 BOTTOM
4'-1" TO 6'-0"	8"	2-#5 BOTTOM
6'-1" TO 8'-0"	16"	2-#5 BOTTOM
8'-1" TO 15'-0"	24"	2-#6 BOTTOM
18'-0"/TROPHY CASE	16"	2-#6 BOTTOM



3 UN-MARKED CMU LINTEL SCHEDULES AND DETAILS - AS NOTED



2 CMU WALL OPENING DETAIL

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**Revisions**

No.	Description	Date

PASCAGOULA-GAUTIER SCHOOL DISTRICT  
GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)

THOMAS C. SCHACK  
REGISTERED PROFESSIONAL ENGINEER  
No. 1331  
STATE OF MISSISSIPPI

505 MAGNOLIA TREE DRIVE  
GAUTIER, MS 39553

**S210**  
Typical CMU Sections and Details

Drawn By	Checked By	Date
A.W.N.G.	A.W.N.G.	08/07/2023

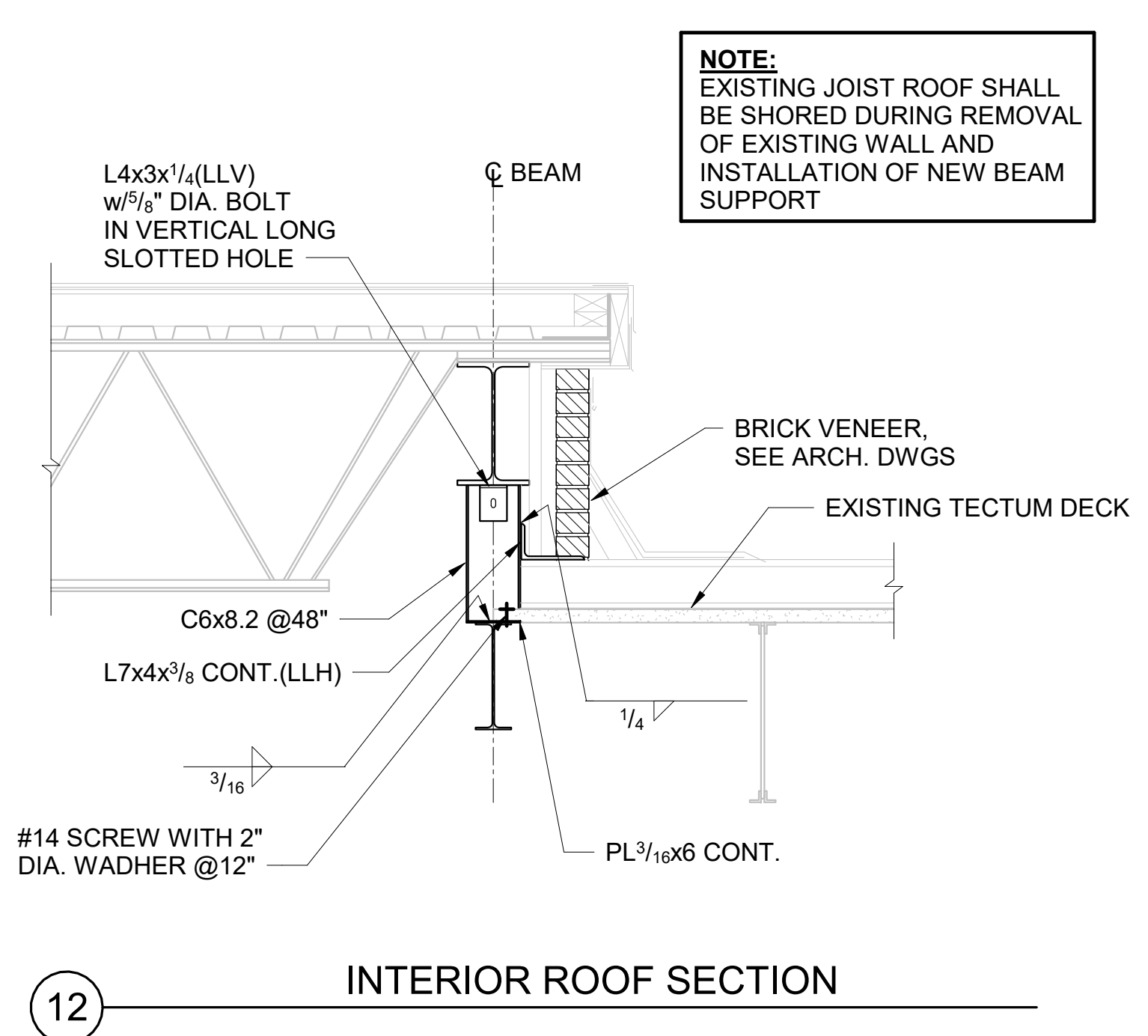
Scale: 3/4" = 1'-0"  
Project Number: 22050.01

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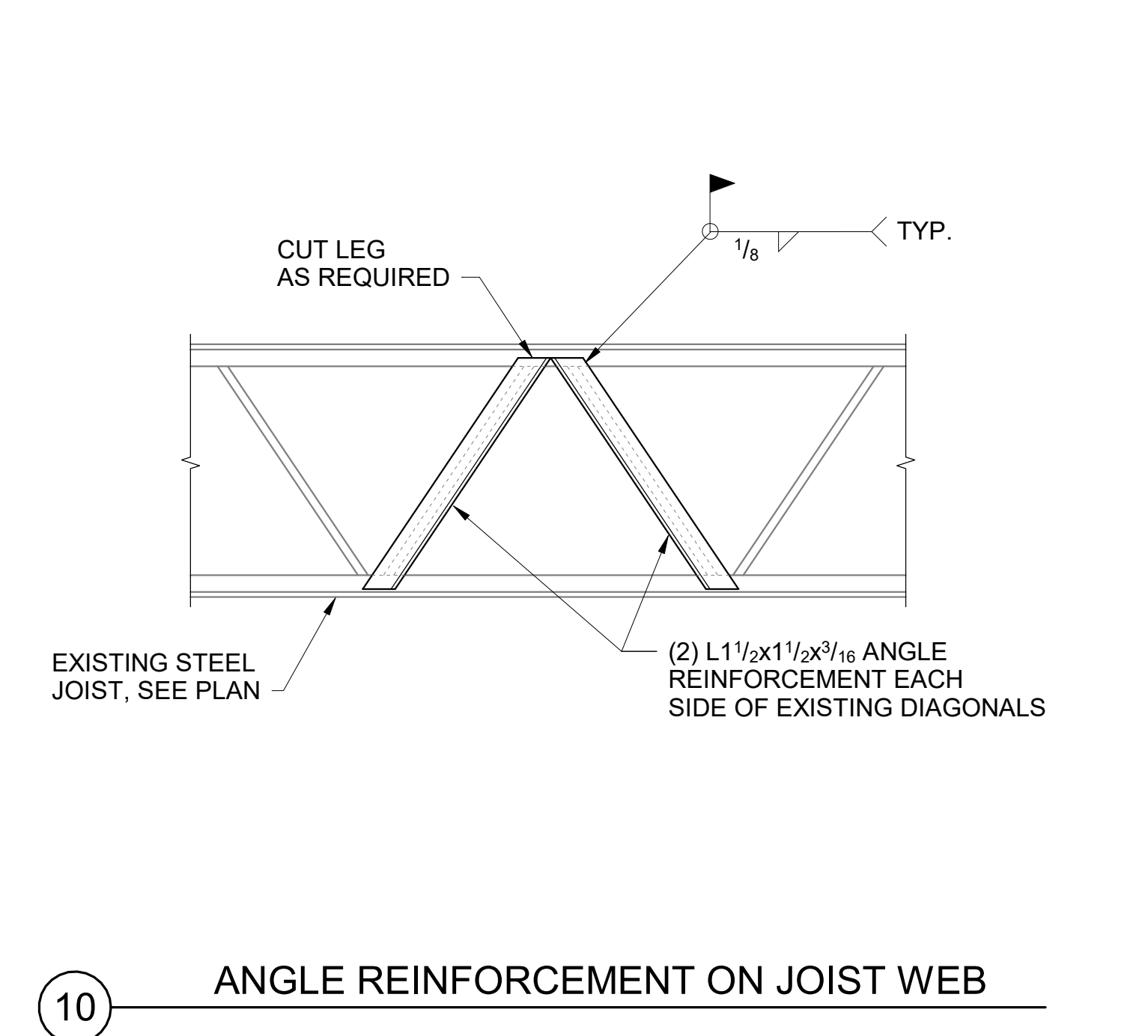
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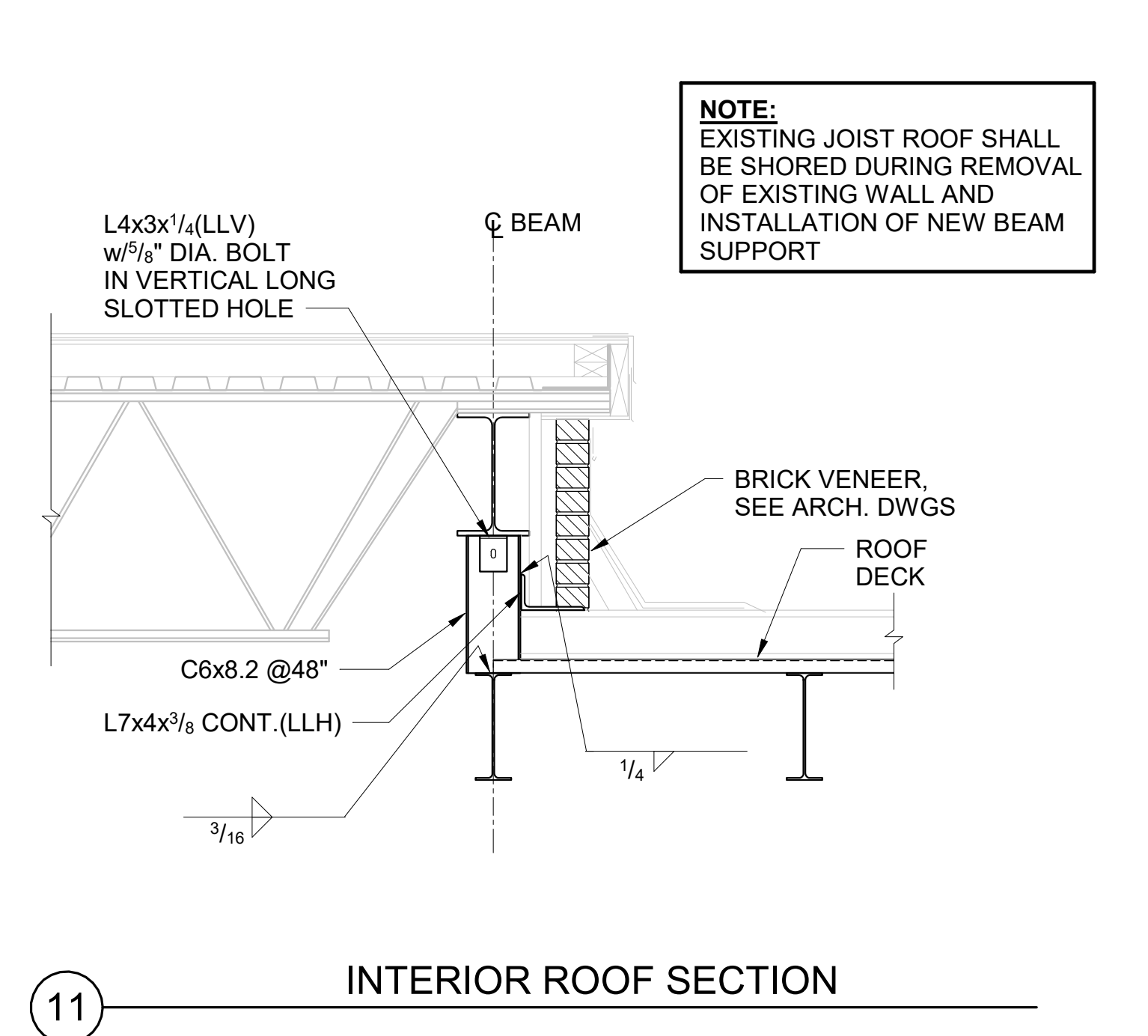


**NOTE:**  
EXISTING JOIST ROOF SHALL BE SHORED DURING REMOVAL OF EXISTING WALL AND INSTALLATION OF NEW BEAM SUPPORT

12 INTERIOR ROOF SECTION

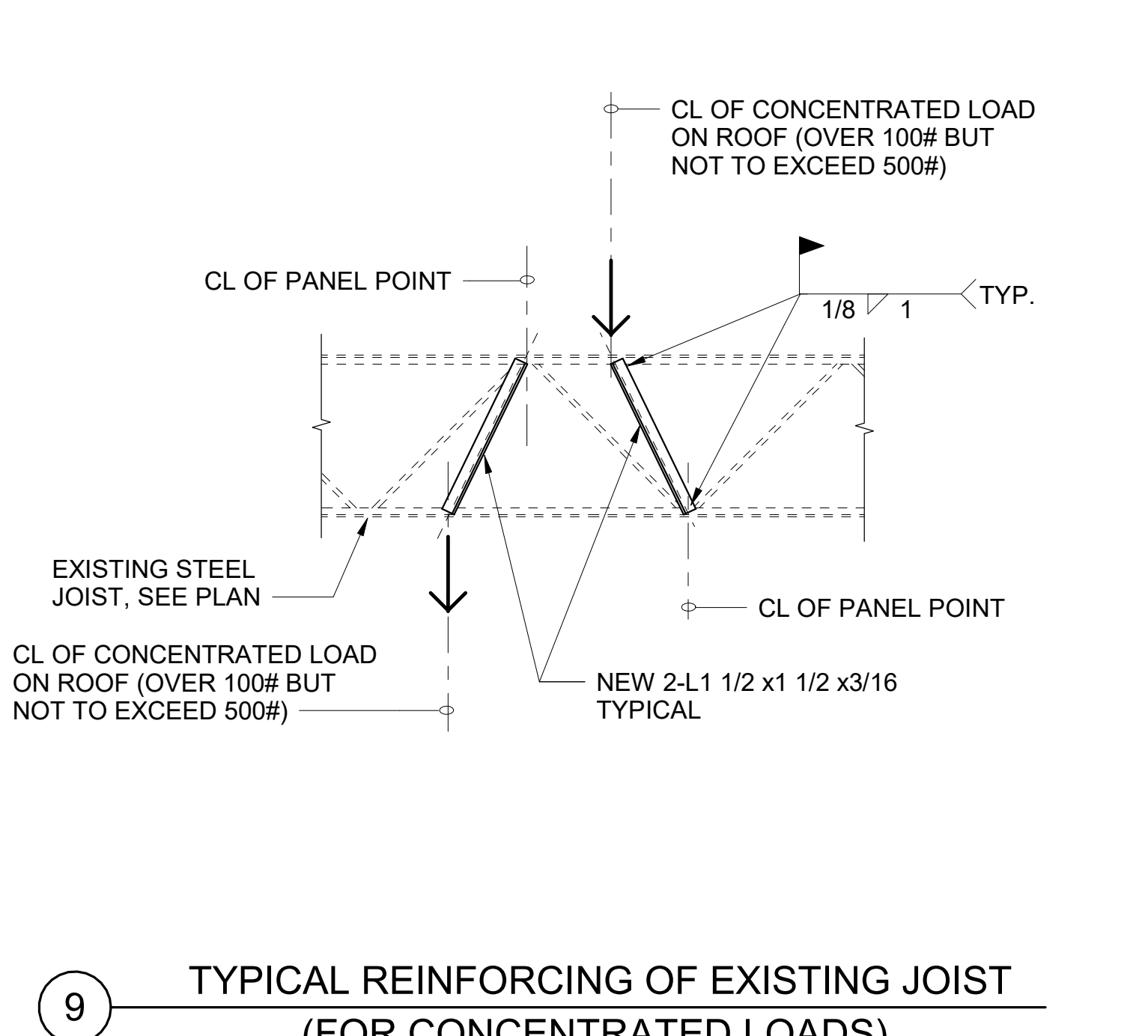


10 ANGLE REINFORCEMENT ON JOIST WEB

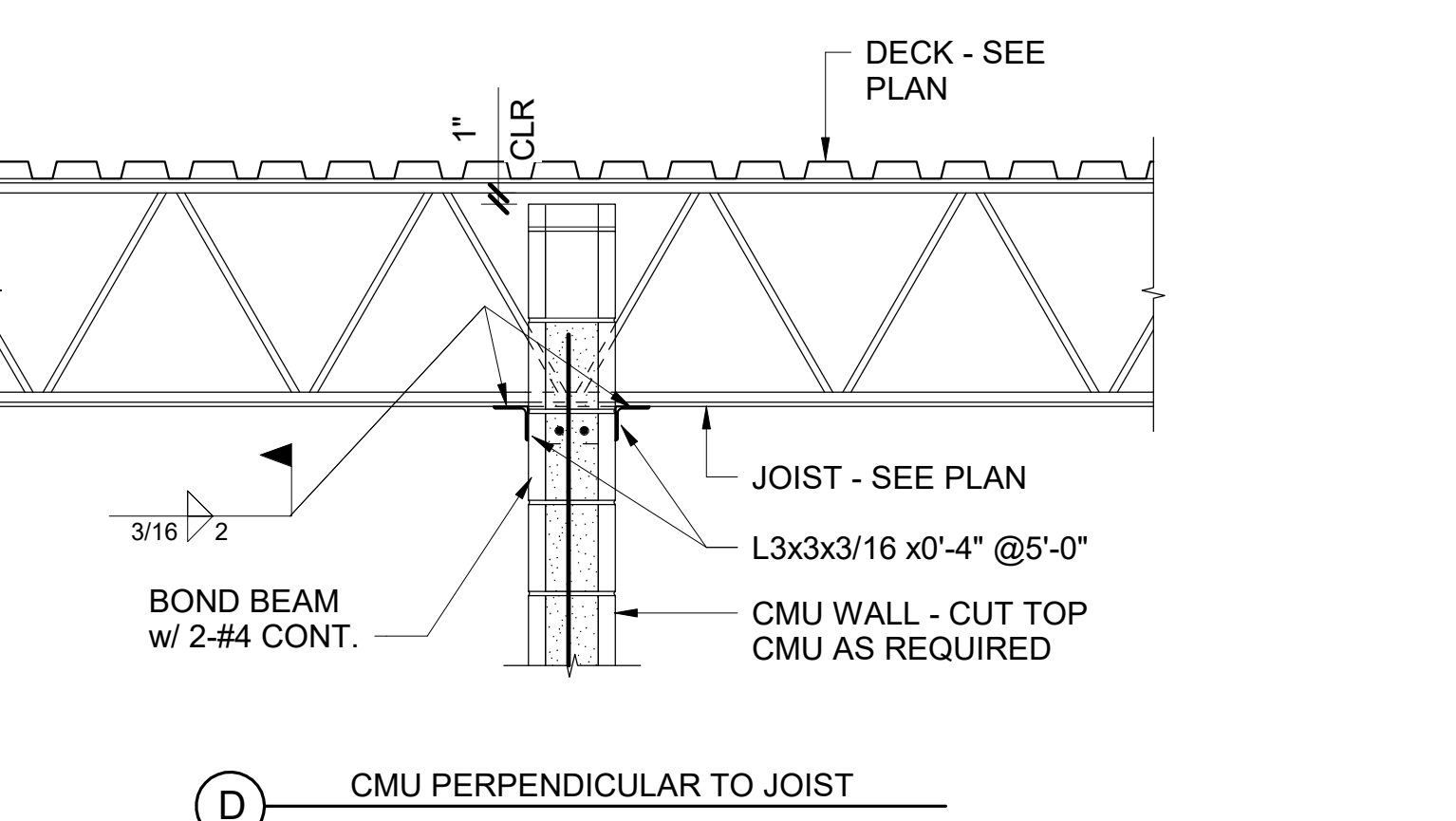


**NOTE:**  
EXISTING JOIST ROOF SHALL BE SHORED DURING REMOVAL OF EXISTING WALL AND INSTALLATION OF NEW BEAM SUPPORT

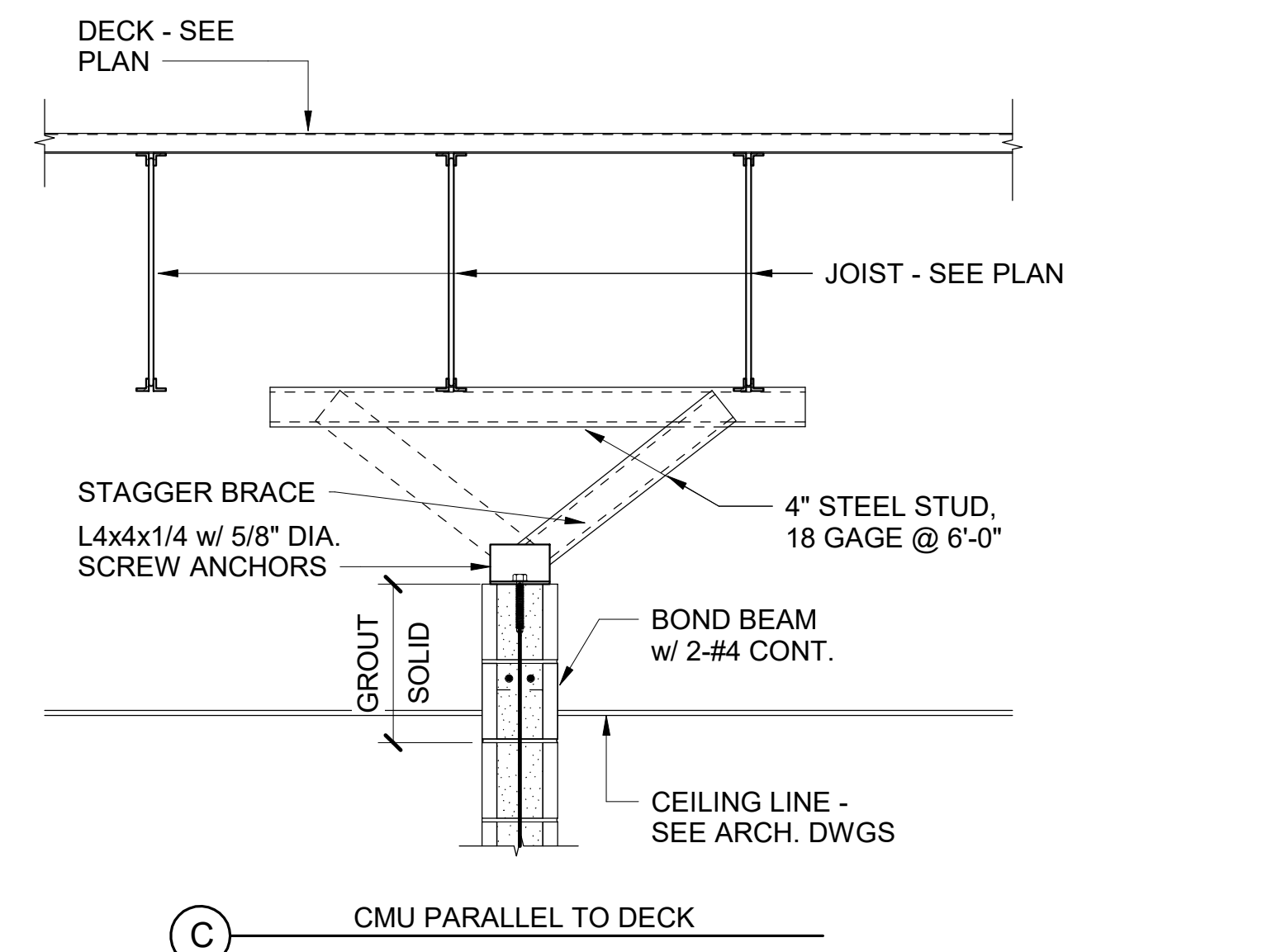
11 INTERIOR ROOF SECTION



9 TYPICAL REINFORCING OF EXISTING JOIST (FOR CONCENTRATED LOADS)



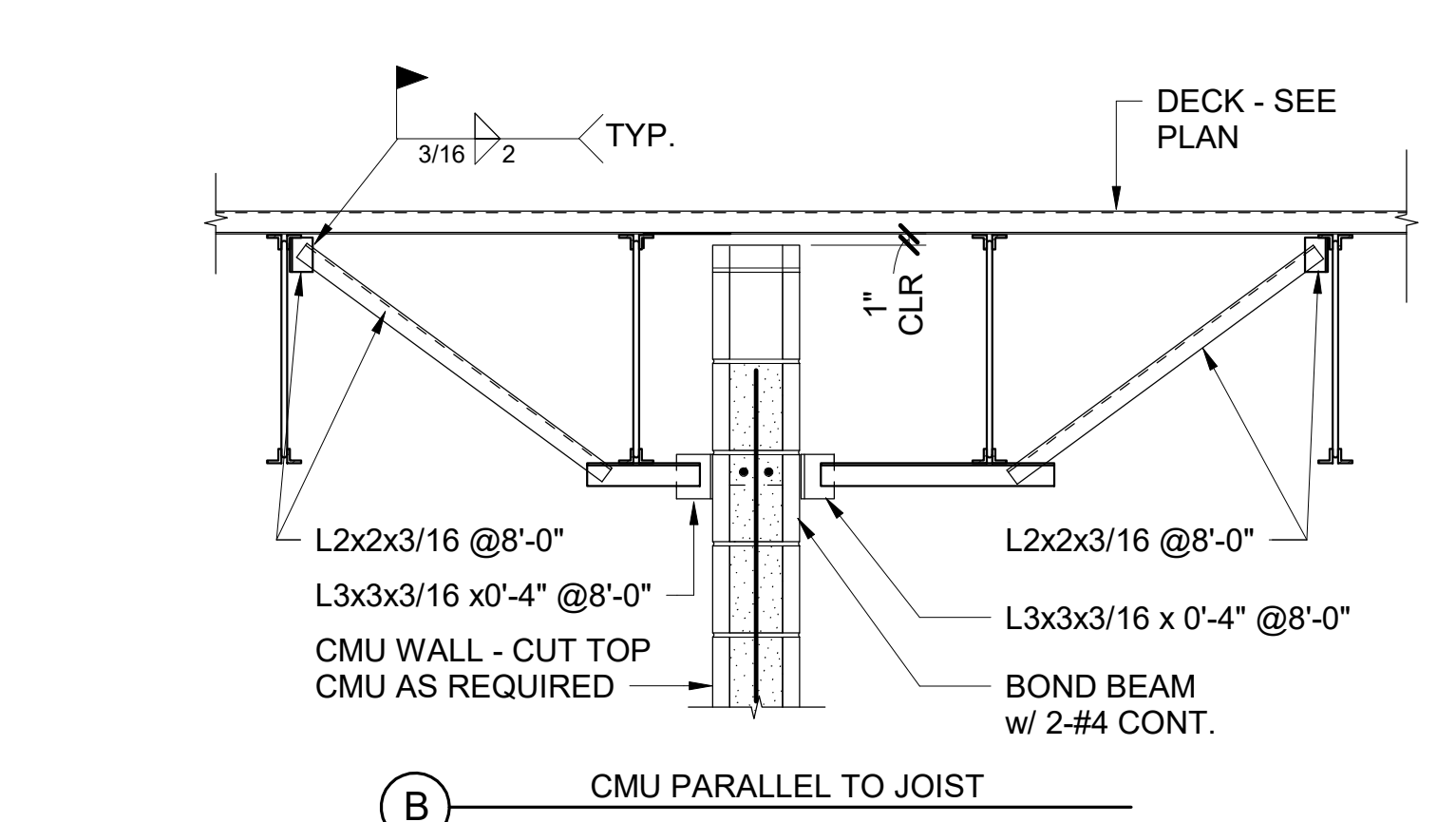
WALLS EXTEND TO UNDERSIDE OF DECK



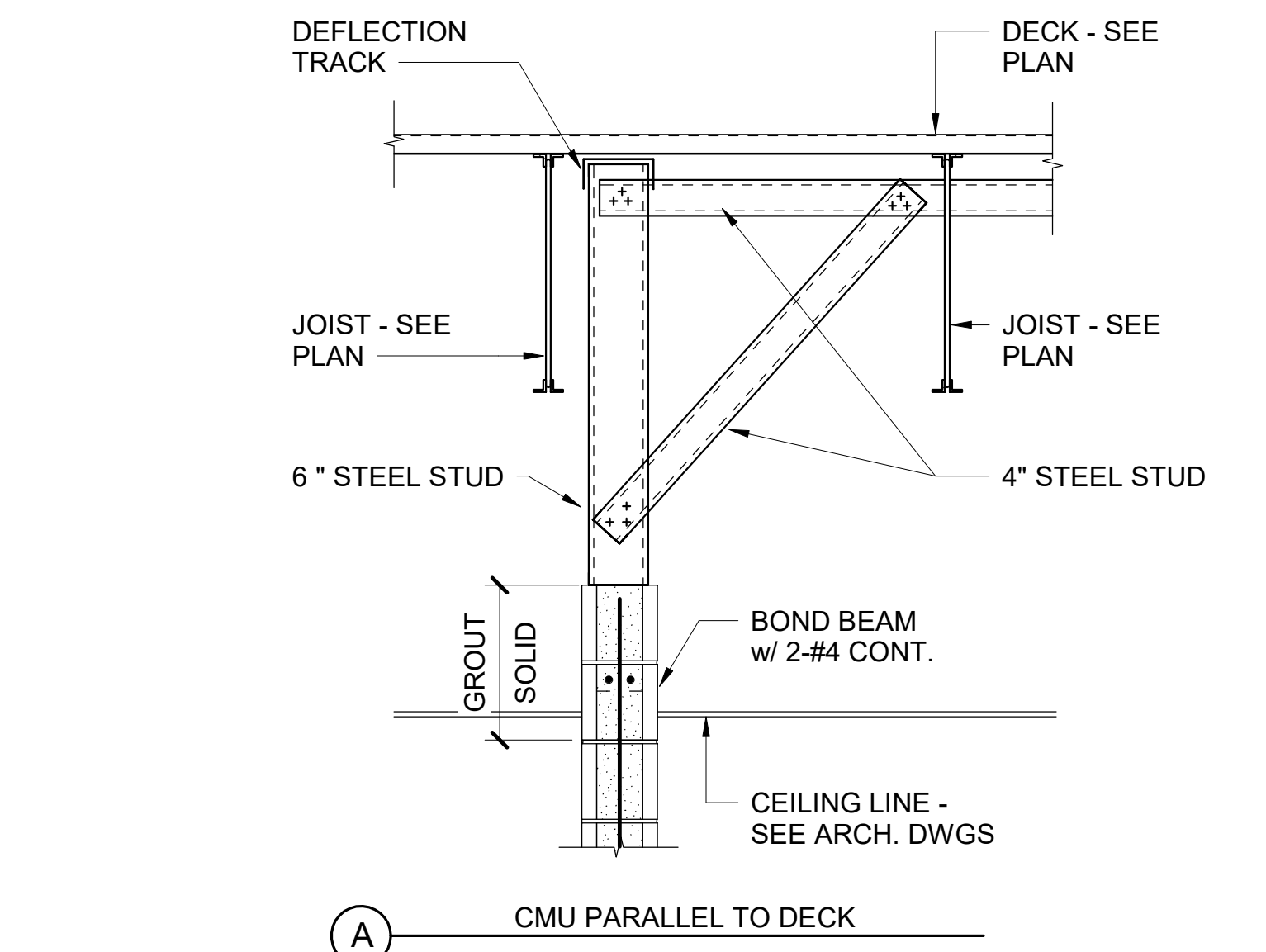
WALLS NOT TO EXTEND TO UNDERSIDE OF DECK

**NOTE:**  
1. REFER TO ARCH. DRAWINGS FOR HEIGHT OF WALL.  
2. PROVIDE BRACING AT TOP OF ANY WALL WHEN THE LENGTH OF THE WALL BETWEEN INTERSECTING WALLS EXCEEDS 20 FEET.

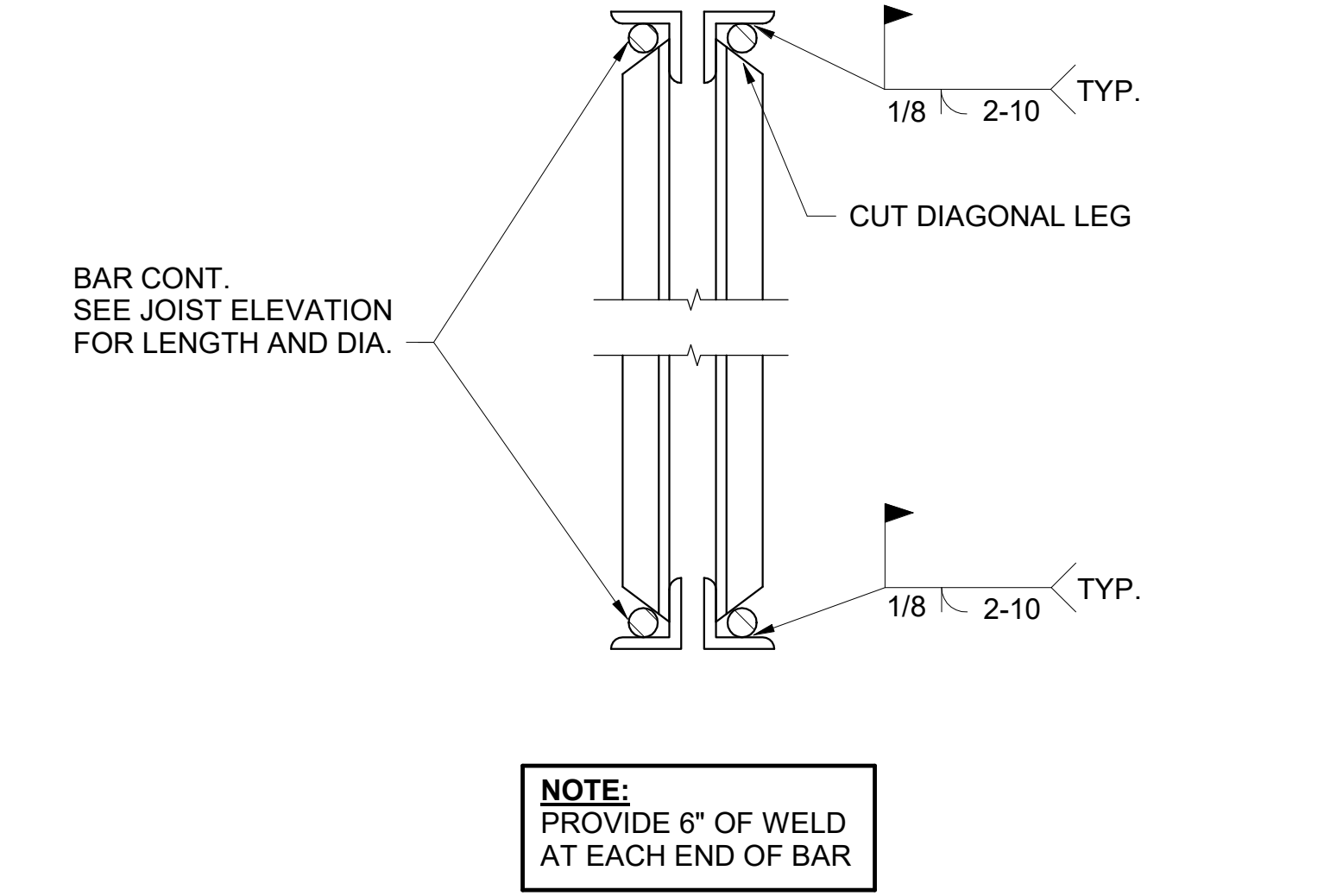
8 TYPICAL CMU PARTITION BRACING DETAILS W/STEEL JOIST



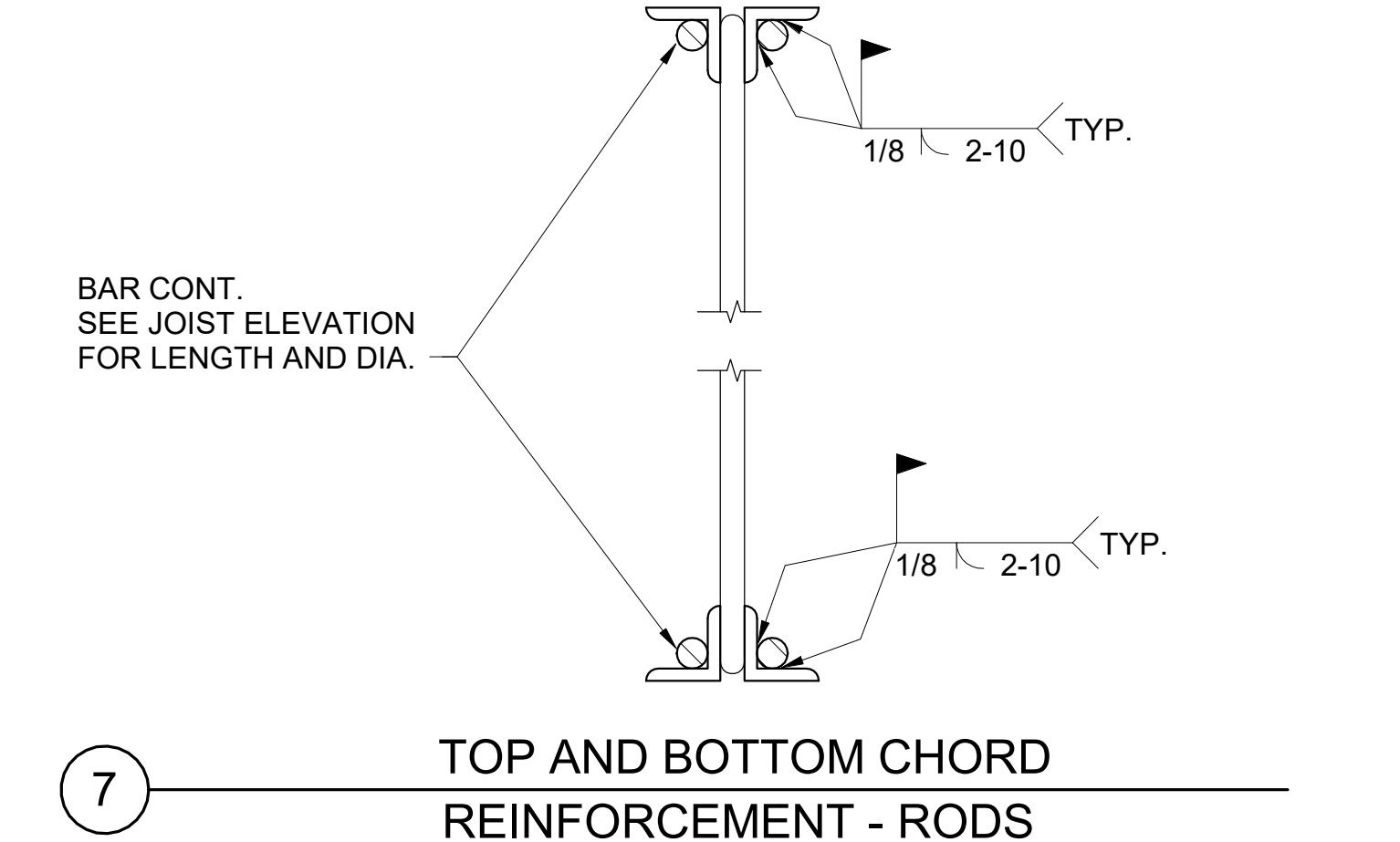
WALLS EXTEND TO UNDERSIDE OF DECK



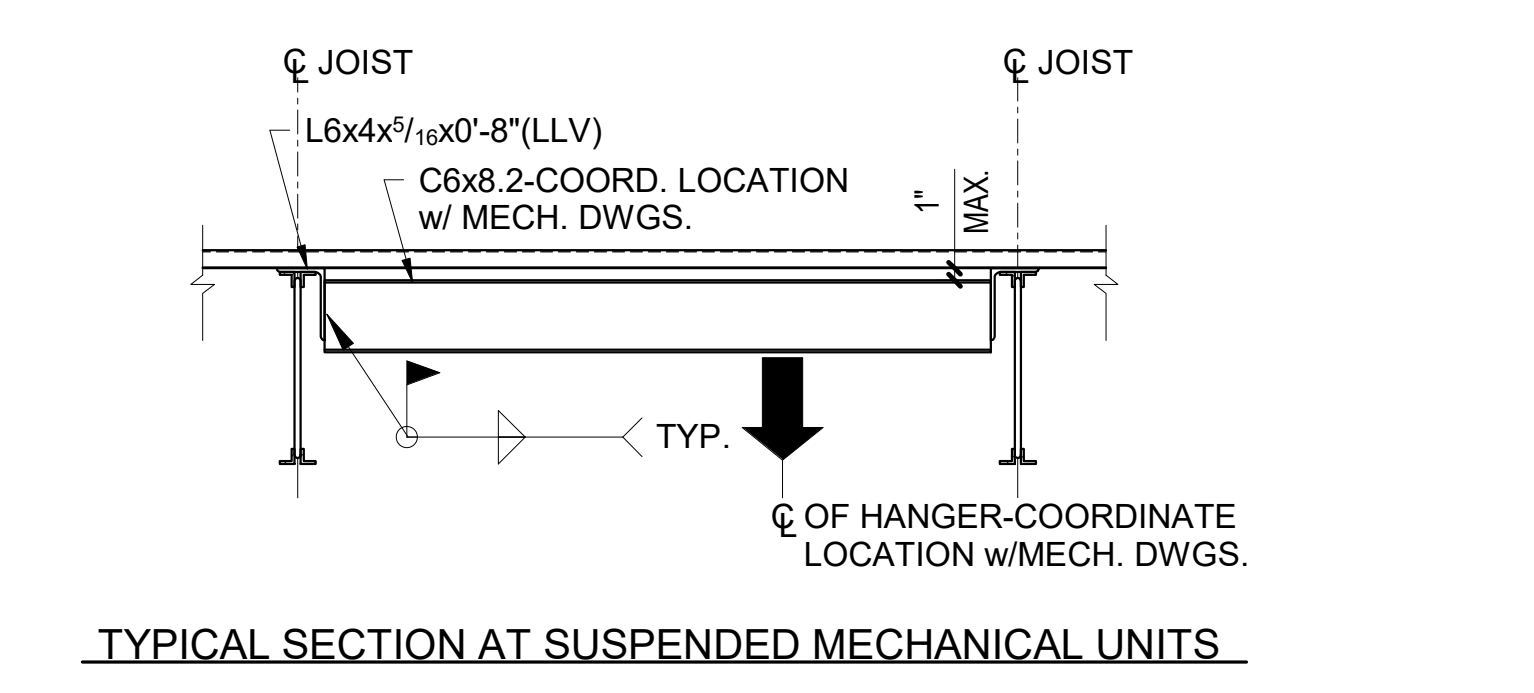
WALLS NOT TO EXTEND TO UNDERSIDE OF DECK



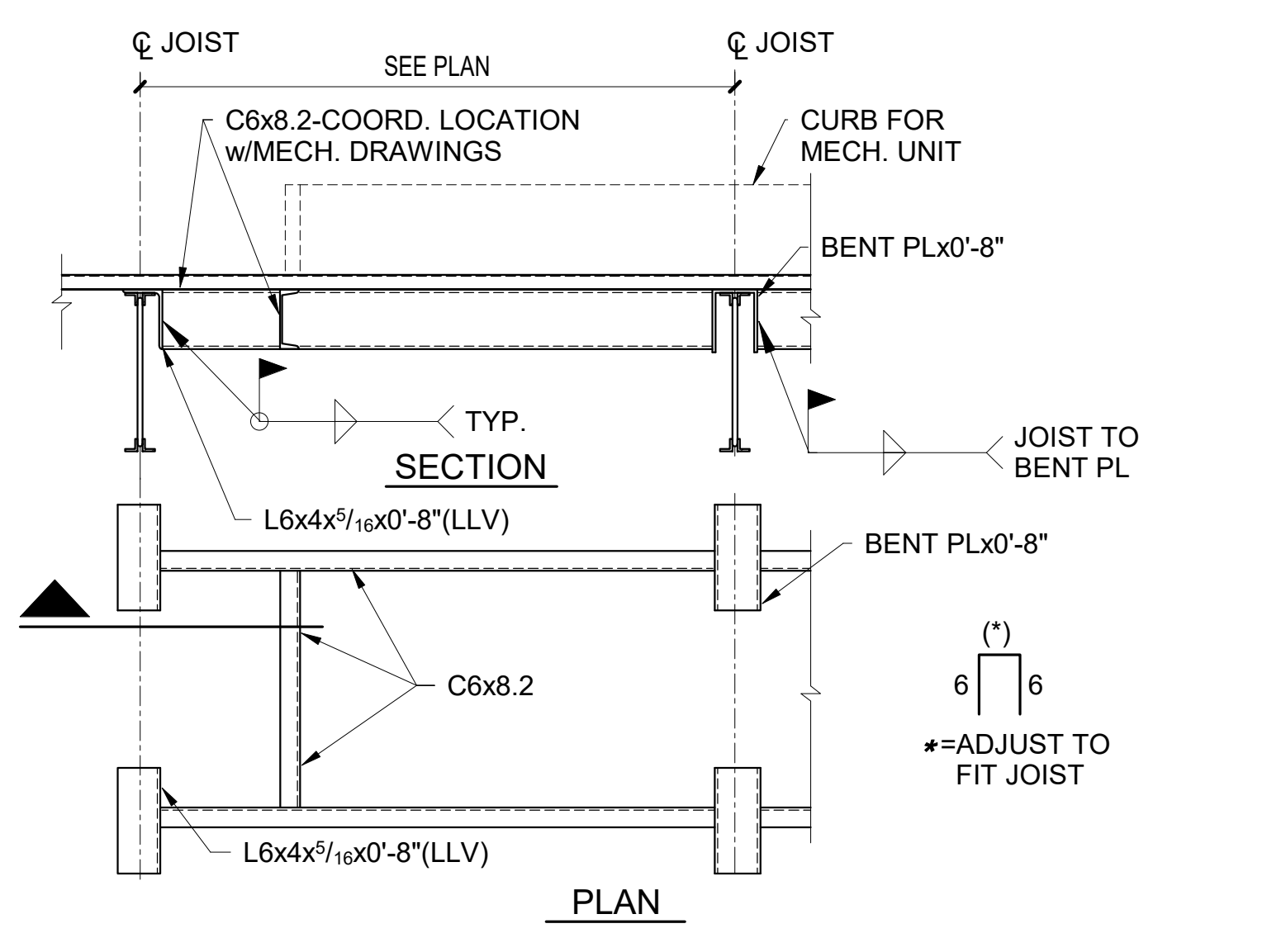
**NOTE:**  
PROVIDE 6\"/>



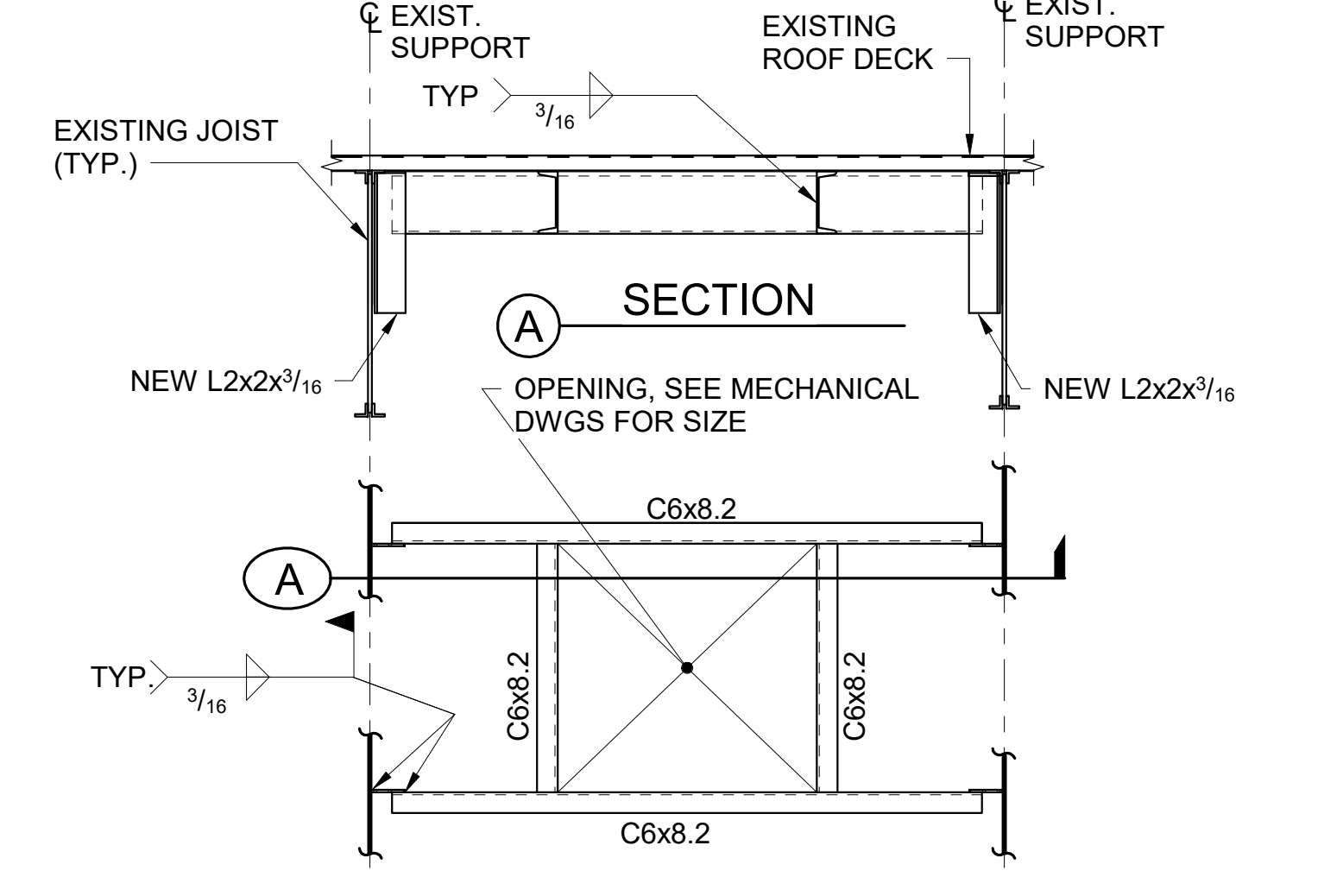
7 TOP AND BOTTOM CHORD REINFORCEMENT - RODS



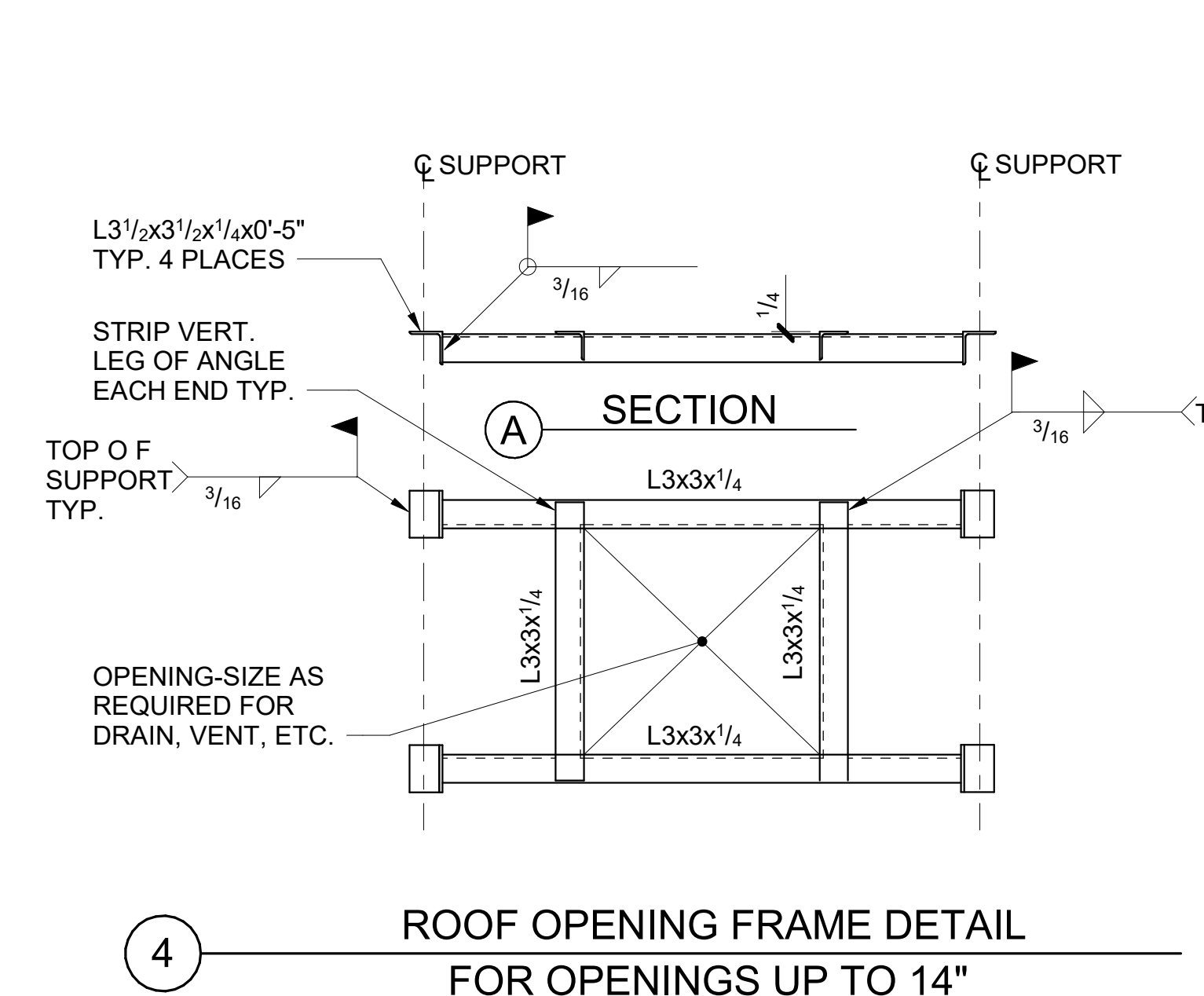
TYPICAL SECTION AT SUSPENDED MECHANICAL UNITS



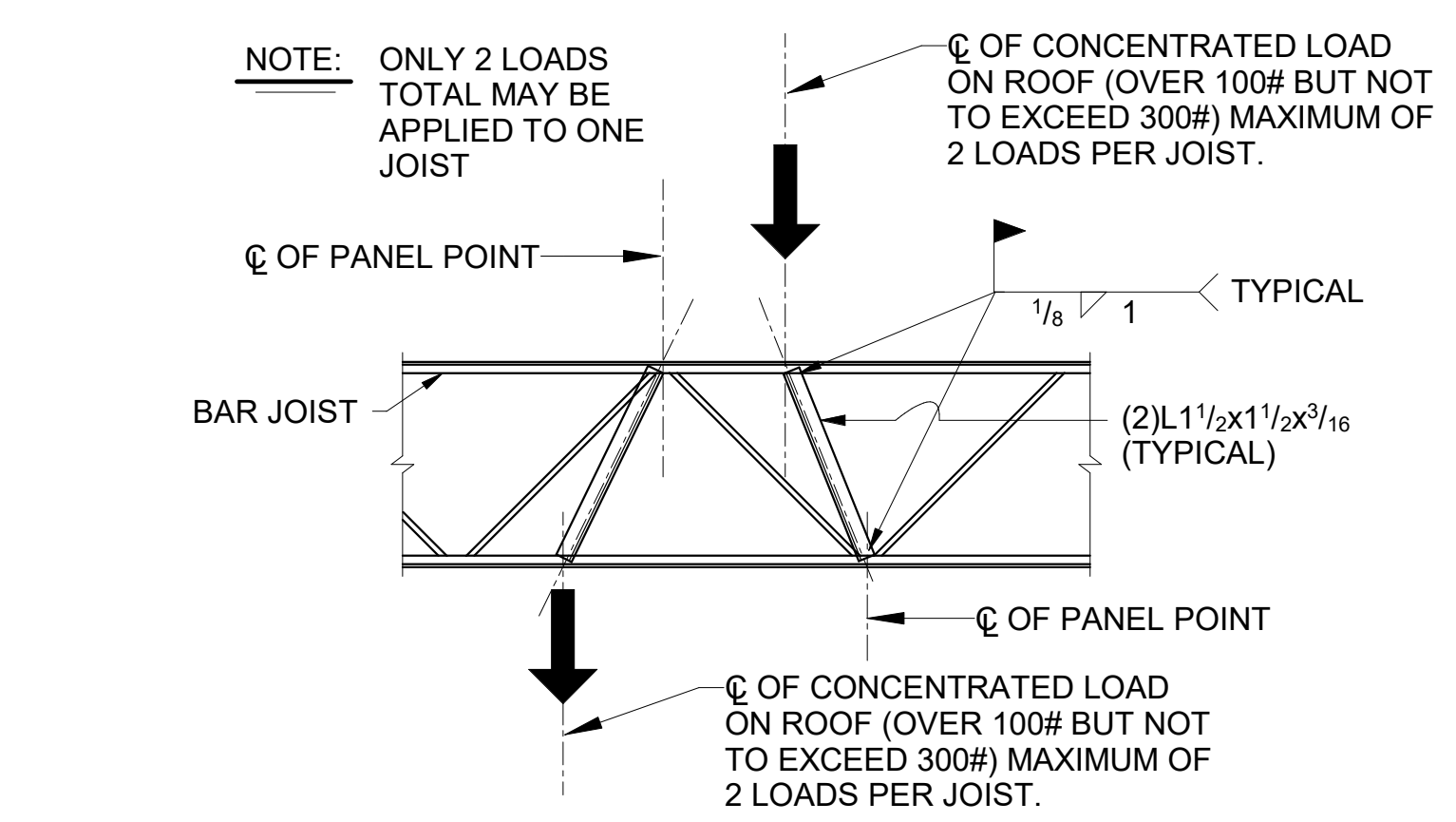
6 ROOF FRAMING DETAILS AT MECHANICAL UNITS



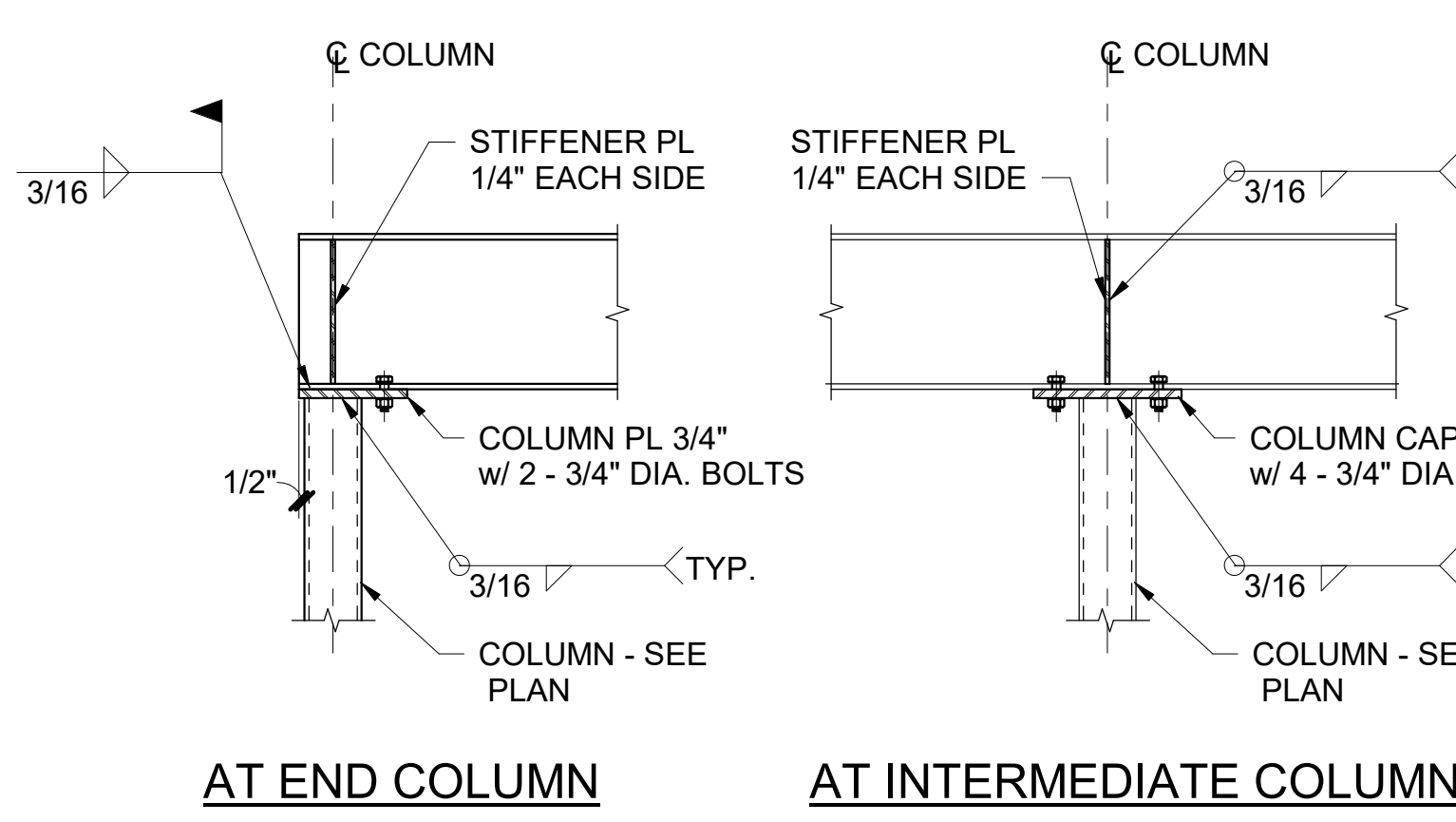
5 ROOF OPENING FRAME DETAIL FOR OPENINGS GRATER THAN 14"



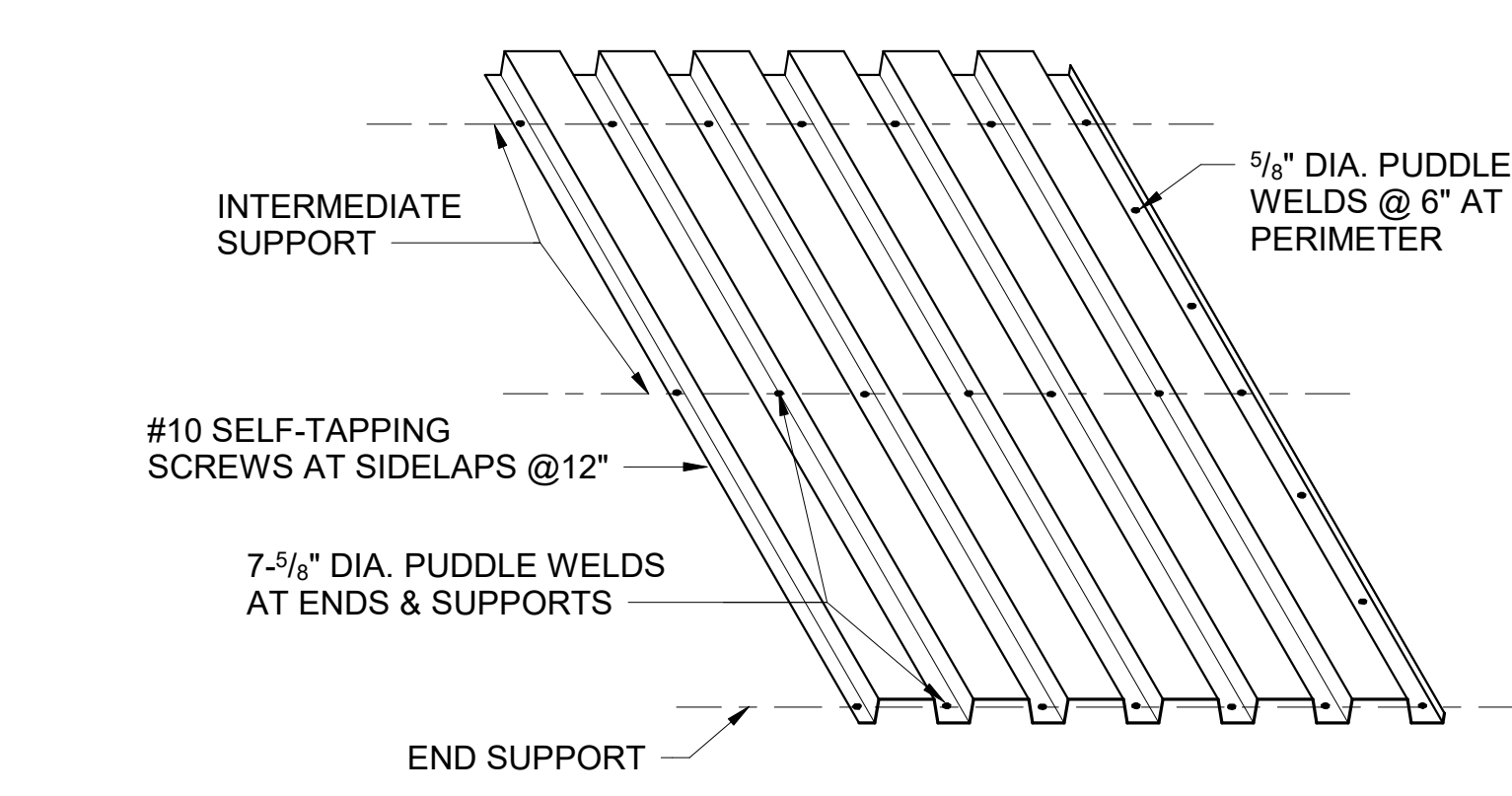
4 ROOF OPENING FRAME DETAIL FOR OPENINGS UP TO 14"



3 TYPICAL JOIST REINFORCEMENT FOR CONCENTRATED LOADS



2 BEAM TO COLUMN CONNECTION FOR CONTINUOUS BEAMS



1 ROOF DECK ATTACHMENT DETAIL 1 1/2\"/>

Revisions		
No.	Description	Date

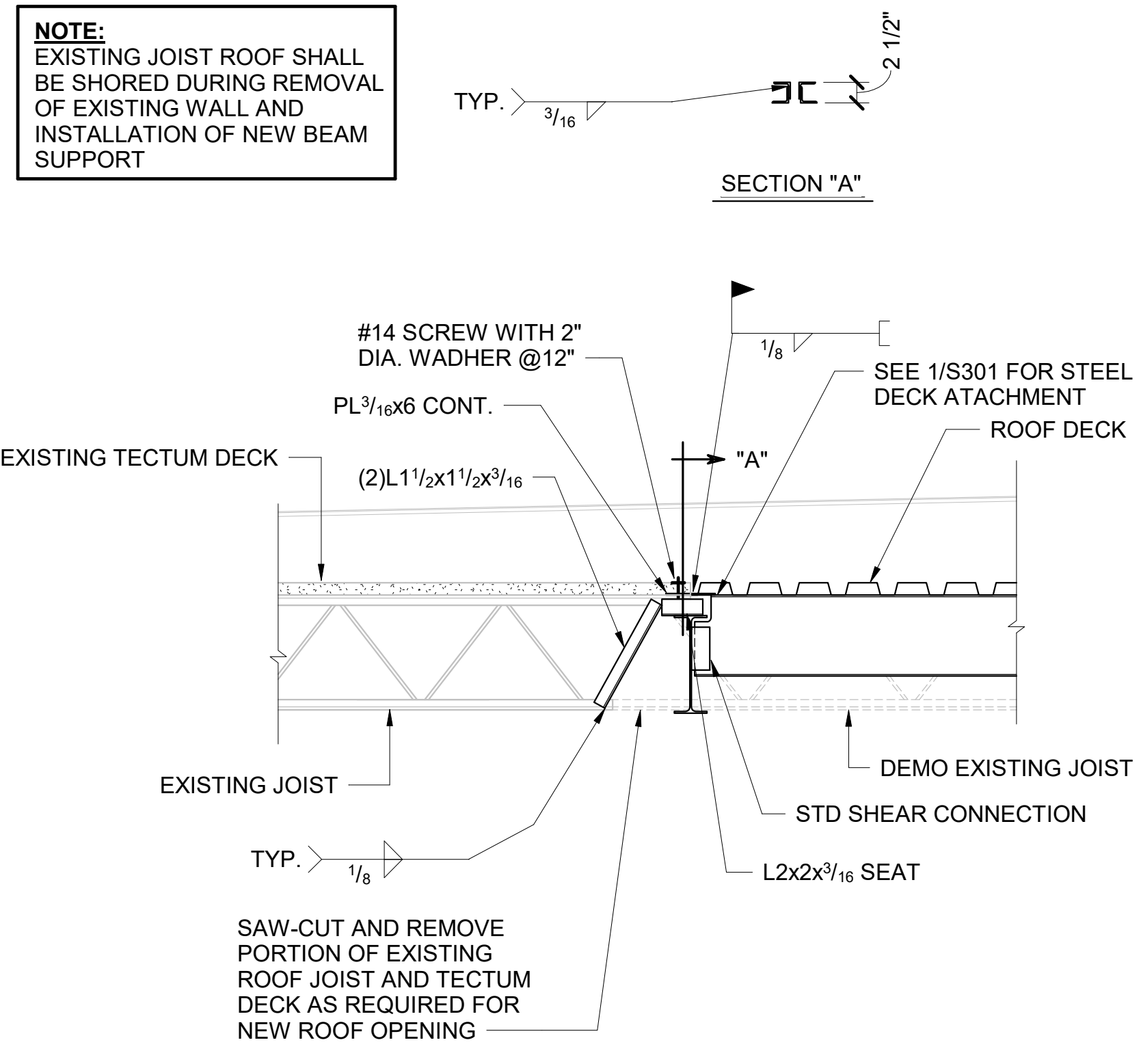
PASCAGOULA-GAUTIER SCHOOL DISTRICT  
GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)  
THOMAS C. SCHACK  
REGISTERED PROFESSIONAL ARCHITECT  
NO. 1331  
STATE OF MISSISSIPPI  
505 MAGNOLIA TREE DRIVE  
GAUTIER, MS 39553

**S301**  
Roof Framing Sections and Details  
Drawn By: A.W./N.G. Checked By: A.W./N.G. Date: 08/07/2023  
Scale: 3/4" = 1'-0" Project Number: 22050.01

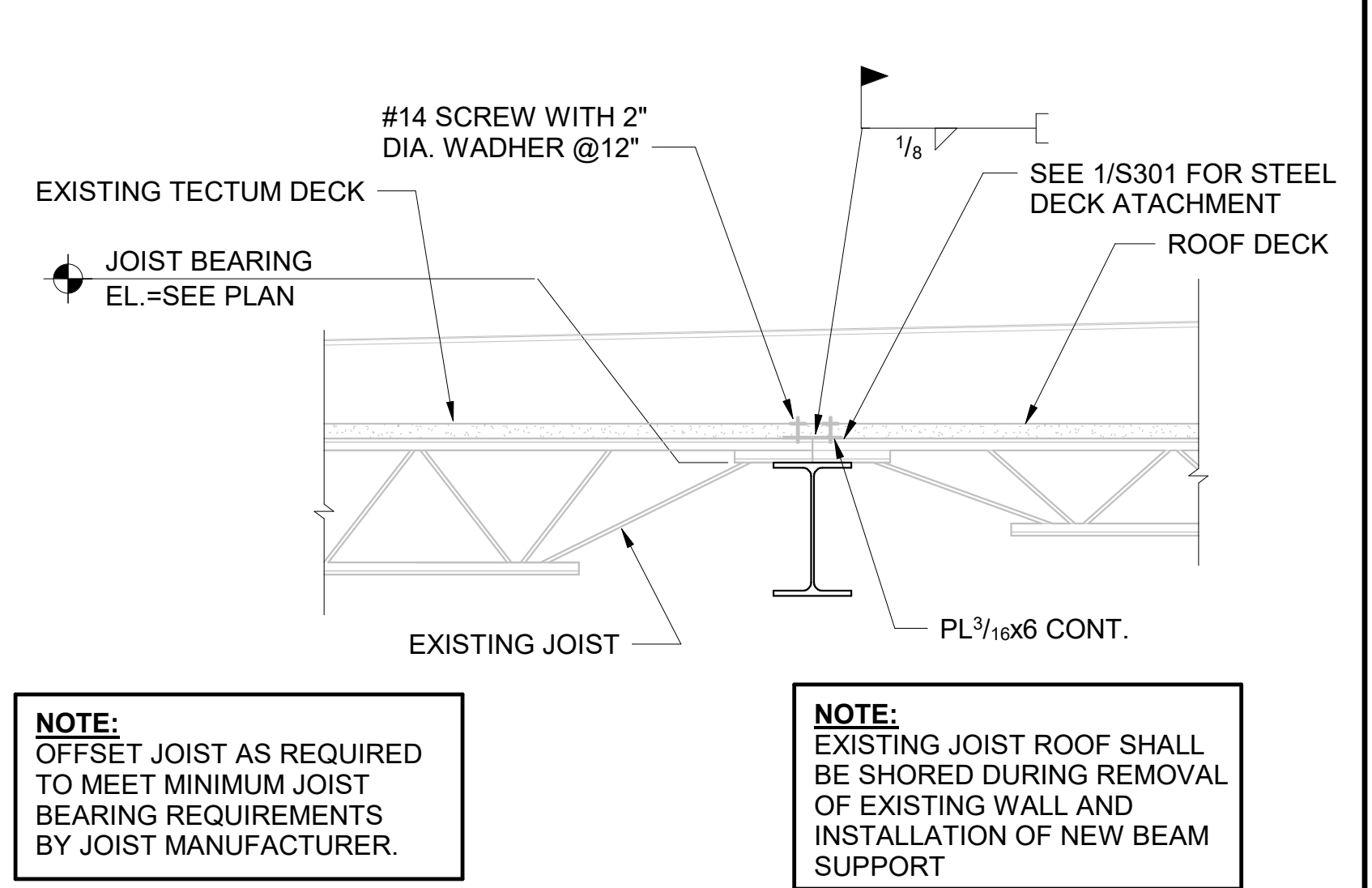
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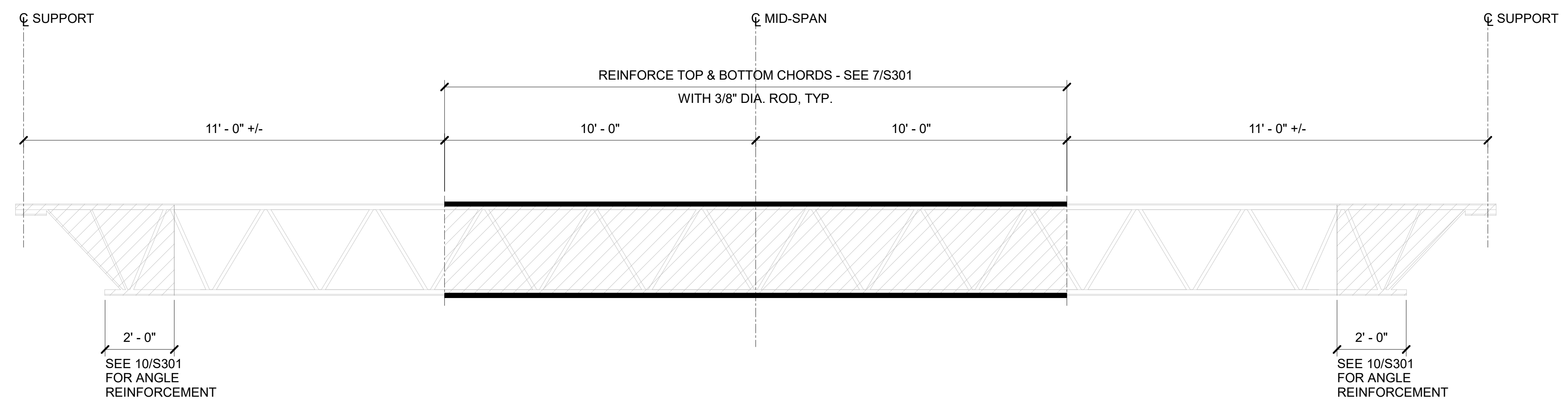
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5 INTERIOR ROOF SECTION

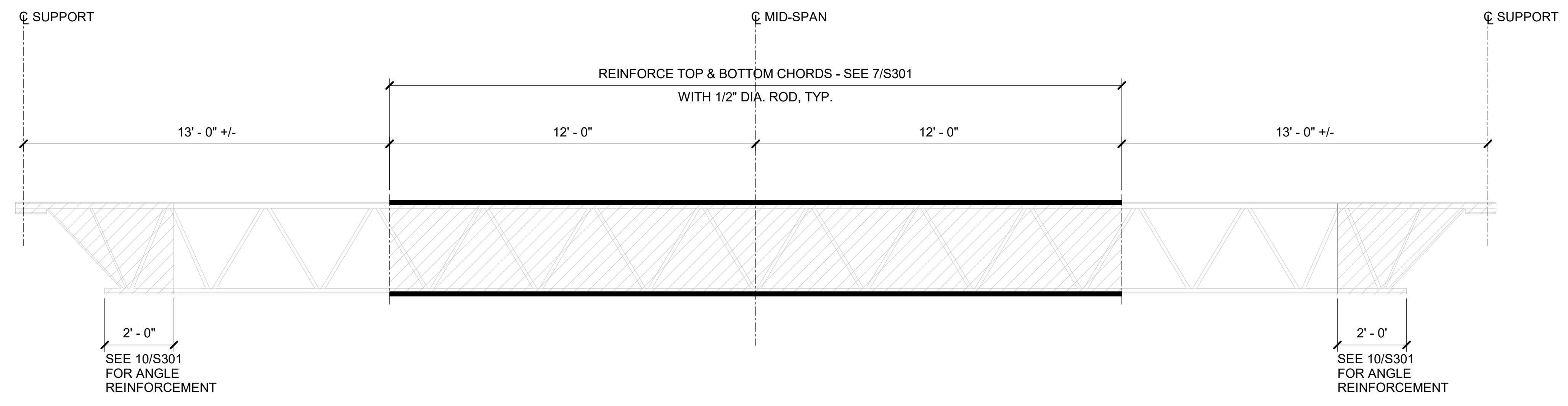


3 ROOF SECTION AT EXISTING



NOTE:  
SHORE JOIST AT PANEL POINTS BEFORE WELDING THE ROD REINFORCEMENT.

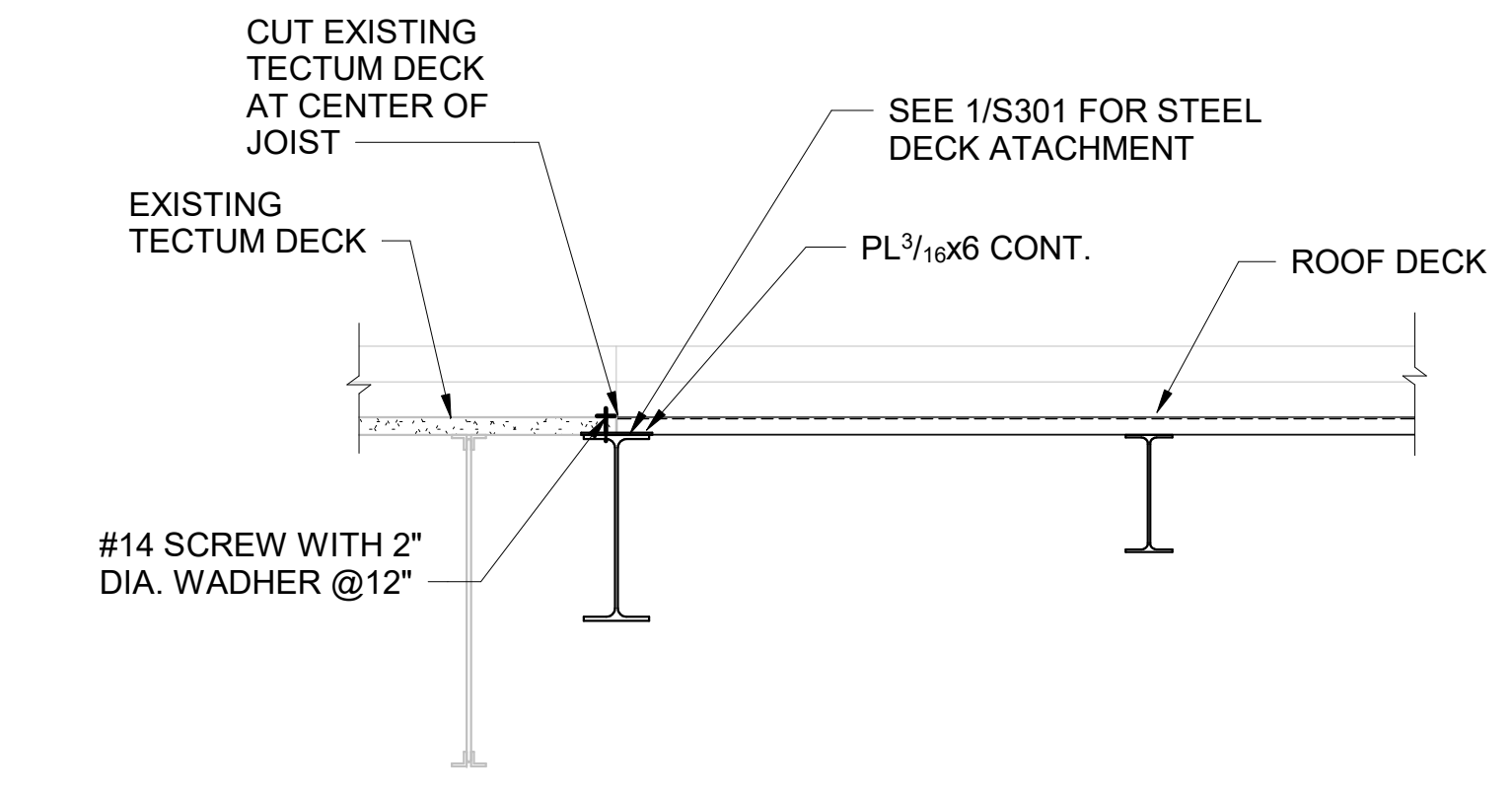
JOIST "B"



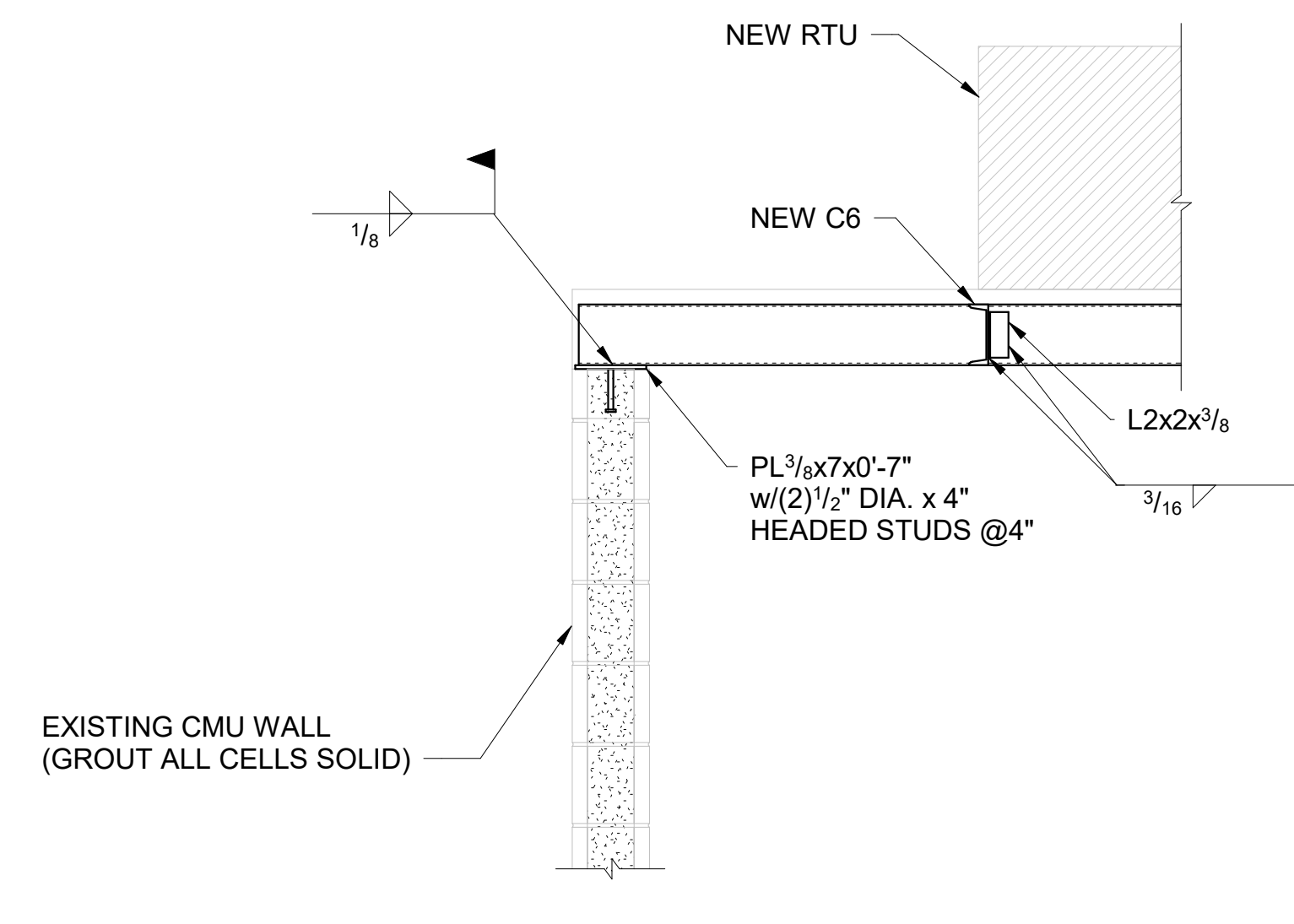
NOTE:  
SHORE JOIST AT PANEL POINTS BEFORE WELDING THE ROD REINFORCEMENT.

JOIST "A"

4 ELEVATION OF EXISTING REINFORCED JOIST



2 INTERIOR ROOF SECTION



4 DETAIL AT NEW FRAMED OPENING ON EXISTING ROOF

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PASCAGOULA-GAUTIER SCHOOL DISTRICT

**GAUTIER ELEMENTARY SCHOOL  
KITCHEN RENOVATION (RE-BID)**

Revisions		
No.	Description	Date

PASCAGOULA-GAUTIER SCHOOL DISTRICT  
GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)

505 MAGNOLIA TREE DRIVE  
GAUTIER, MS 39553

**S302**  
Roof Framing Sections and Details

**Structural Design Group**  
Consulting Structural Engineers

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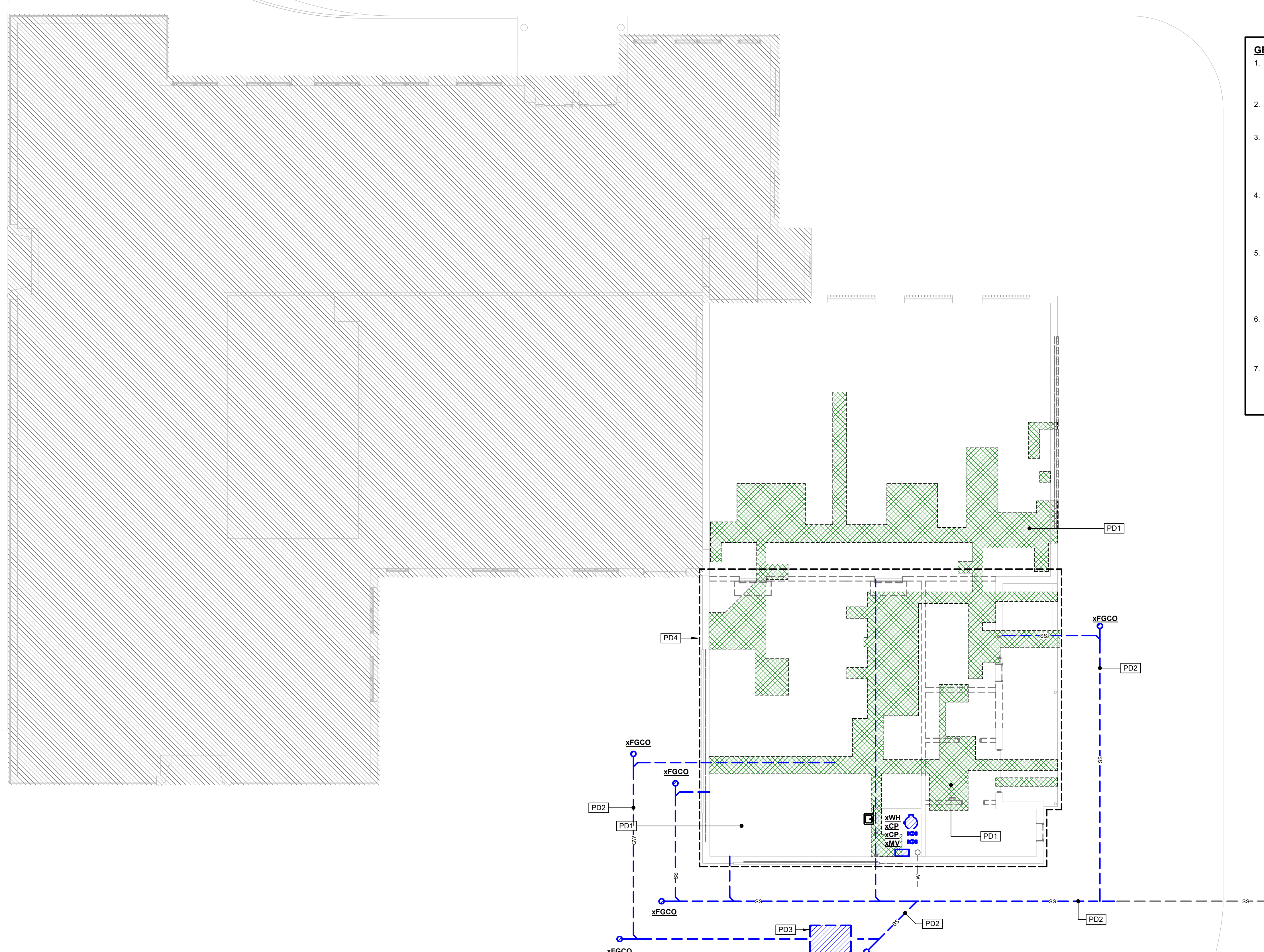
22050.01

**LEGEND - PLUMBING**

MARK	DESCRIPTION
---	EXISTING PIPING TO BE DEMOLISHED
SS	EXISTING SANITARY WASTE PIPING
GW	EXISTING GREASE WASTE PIPING
W	NEW SITE WATER SERVICE PIPING
MFG	NEW MEDIUM PRESSURE GAS PIPING
GSP	NEW GAS SERVICE PIPING (BY SERVING UTILITY)
G	NEW LOW PRESSURE GAS PIPING
---	NEW SANITARY VENT PIPING
SS	NEW SANITARY WASTE PIPING
GW	NEW GREASE WASTE PIPING TO REMOVE GREASE TRAP
PCW	NEW POTABLE COLD WATER PIPING
PHW	NEW POTABLE HOT WATER PIPING (120°F)
PHWR	NEW POTABLE RECIRCULATING HOT WATER PIPING (120°F)
PHW(140)	NEW POTABLE HOT WATER PIPING (140°F)
PHWR(140)	NEW POTABLE RECIRCULATING HOT WATER PIPING (140°F)
---	NEW CONDENSATE DRAIN PIPING
●	FULL PORT BALL VALVE (LEAD FREE)
○	CIRCUIT SETTER TYPE MANUAL BALANCING VALVE
○	GAS COCK
○	UNION
○	CHECK VALVE
○	TYPICAL FINISHED GRADE CLEANOUT
○	SOLENOID VALVE
○	PRESSURE GAUGE AND COCK
○	HOSE BIBB
○	WALL CLEANOUT
○	WATER HAMMER ARRESTOR
○	POINT OF CONNECTION TO EXISTING
○	TYPICAL NATURAL GAS REGULATOR AND/OR METER
○	TYPICAL NEW DEEP SHUTOFF VALVE IN TELESCOPIC CAST IRON VALVE BOX WITH COVER LABELED "WATER"
FS	FLOOR SINK
FD	FLOOR DRAIN
HW	HOT WATER
CW	COLD WATER
W	WASTE
V	VENT
AC	ABOVE CEILING
BS	BELOW SLAB
AG	ABOVE FINISHED GRADE
BIG	BELOW FINISHED GRADE
FGCO	FINISHED FLOOR CLEANOUT
FGCO	FINISHED GRADE CLEANOUT
VTR	VENT THRU ROOF
AF	ABOVE FINISHED FLOOR
CO	CLEANOUT
TP	TRAP PRIMER BELOW SLAB/FLOOR

**GENERAL PLUMBING NOTES:**

- PROVIDE ALL PLUMBING PIPING, FIXTURES, TRIM, AND ACCESSORIES AS REQUIRED FOR A COMPLETE AND FUNCTIONAL PLUMBING SYSTEM. VERIFY WITH ARCHITECT AND DRAWINGS, WHICH PLUMBING INSTALLATIONS ARE DESIGNATED FOR ADA ACCESSIBILITY. ALL SUCH FIXTURE INSTALLATIONS SHALL INCLUDE ALL INSTALLATION ACCESSORIES, MOUNTING/CLIP HEIGHT, CONTROL OFFSET, SIZE AND ACCESSIBILITY AS REQUIRED BY LATEST EDITION OF AMERICANS WITH DISABILITIES ACT (ADA) AND LOCAL GOVERNING AUTHORITIES.
- ALL PLUMBING VENTS, WHERE NOTED VENT UP (V, UP), SHALL BE COMBINED WITHIN WALL OR ABOVE CEILING CONCEALED AREAS, WHERE FEASIBLE, SO AS TO MINIMIZE ROOF PENETRATIONS. COORDINATE LOCATION OF ROOF PLUMBING AND FLUE VENTS SUCH THAT ALL VENTS ARE MINIMUM 15 FEET FROM ANY VENTILATION INTAKE DEVICES. ALL ROOF PENETRATIONS, VENTS, FLUES, ETC., SHALL BE MADE ON BACK SIDE OF ROOF AS CAN BE COORDINATED WITH ARCHITECT. ALL FLUES AND VENTS EXPOSED ABOVE ROOF SHALL BE FIELD PAINTED COLOR BY ARCHITECT.
- ALL PIPING SHALL BE CONCEALED INSIDE WALLS AND PIPE CHASES OR ABOVE CEILINGS, EXCEPT AS OTHERWISE NOTED AND AT APPROPRIATE EQUIPMENT FINAL CONNECTIONS. HOLD ALL PIPING ABOVE CEILINGS AS HIGH AS POSSIBLE AND COORDINATE WITH OTHER CRAFTS.
- COORDINATE ALL WORK WITH ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND ELECTRICAL TRADES. PIPE ROUTING SHOWN IS DIAGRAMMATIC. PROVIDE ALL OFFSETS, ETC., TO AVOID INTERFERENCES WITH STRUCTURAL MEMBERS, EQUIPMENT, PIPING, DUCTWORK, LIGHTS, CONDUIT, ETC.
- VERIFY/COORDINATE PIPE SIZES AND CONNECTIONS WITH "KITCHEN" AND/OR "PLUMBING FIXTURE ROUGH-IN SCHEDULE" FOR WASTE, VENT AND WATER PIPING. ROUGH-IN SIZES NOT CLEARLY SHOWN ON PLANS OR IN RISER DIAGRAMS, ETC. CONTACT PROFESSIONAL SHOULD QUESTIONS OR CONFLICTS ARISE. PROVIDE ROUGH-IN, FINAL CONNECTIONS AND INSTALLATION APPURTENANCES AS RECOMMENDED BY APPLIANCE AND/OR EQUIPMENT MANUFACTURER FOR DISHWASHERS, ICE MAKERS, AND MACHINES, WASHERS, DRYERS, ETC. VERIFY LOCATION ON ARCHITECTURAL DRAWINGS AND CONNECTION REQUIREMENTS FROM APPROVED BROCHURES OF THE EQUIPMENT AND/OR APPLIANCES MANUFACTURER.
- COORDINATE SLOPE OF ALL DRAINAGE AND VENT PIPING BELOW GRADE AT INVERT ELEVATIONS INDICATED. CONSISTENTLY SLOPE ALL OTHER PIPING, NOT INDICATED, AS REQUIRED BY PLUMBING CODE APPLICABLE TO THIS PROJECT BUT IN NO CASE LESS THAN 1%.
- ALL VERTICAL RISERS TO FLOOR DRAINS AND FLOOR MOUNTED SINKS SHALL BE MAXIMUM 24" LONG.
- ALL ABOVE GRADE HORIZONTAL DRAINAGE AND VENT PIPING ROUTING SHALL BE COORDINATED WITH OTHER CRAFTS AND STRUCTURAL/ARCHITECTURAL DRAWINGS. CONSISTENTLY SLOPE ALL PIPING, NOT INDICATED WITH ELEVATIONS, AS REQUIRED BY PLUMBING CODE APPLICABLE TO THIS PROJECT BUT IN NO CASE LESS THAN 1%.
- WHEN SLEEVES, PIPES, CONDUITS, ETC. PENETRATE GRADE BEAMS OR TIE BEAMS, INCREASE THE DEPTH OF THE PENETRATED BEAM BY NO LESS THAN TWICE THE DIAMETER OF THE PENETRATION FOR A DISTANCE OF 4'-0" CENTERED ON THE PENETRATION. WHERE THE PENETRATION INTERRUPTS REINFORCING STEEL, AN EQUAL NUMBER OF LIKE SIZE REINFORCING BARS SHALL BE BENT UNDER THE PENETRATION AND LAP SPLICED 30 BAR DIAMETERS ON EACH SIDE. CONCRETE COVER REQUIREMENTS ON ALL SIDES SHALL BE THE SAME AS SHOWN FOR THE UN-MODIFIED GRADE BEAM OR TIE BEAM. SEE STRUCTURAL DRAWINGS FOR FURTHER SPECIFICS, ETC. PROVIDE NEW SCHEDULE 40 PVC PIPE SLEEVE A MIN. TWO SIZES LARGER THAN CARRIER PIPE AT ALL SUCH CROSSINGS, TO EXTEND MIN. 6" PAST FOUNDATION ON BOTH ENDS. PROVIDE OAKUM AND SEALANT IN ANNULAR SPACE OF SLEEVES AND WATER PROOF ON ALL BUILDING PERIMETER AND INTERIOR FOOTING AND GRADE BEAM APPLICATIONS.
- ALL CLEANOUTS IN SANITARY, STORM AND CONDENSATE DRAIN PIPING SHALL BE FULL PIPE SIZE UP TO 4" AND SHALL BE 4" SIZE ON 6" AND LARGER PIPING.



1 OVERALL PLUMBING DEMOLITION PLAN - KITCHEN  
PD100 1/8" = 1'-0"

CODE REVIEW	
DESIGN CODE	2018 INTERNATIONAL CODE COUNCIL (ICC)

DRAWING INDEX - PLUMBING	
Sheet Number	Sheet Name
PD100	OVERALL PLUMBING DEMOLITION PLAN - KITCHEN
P100	OVERALL PLUMBING NEW WORK PLAN - KITCHEN
P101	OVERALL MECHANICAL ROOF NEW WORK PLAN - KITCHEN
P110	ENLARGED DRAIN, WASTE & VENT NEW WORK PLAN - KITCHEN
P111	ENLARGED WATER & GAS NEW WORK PLAN - KITCHEN
P120	ENLARGED MECHANICAL ROOF PLAN - KITCHEN
P200	PLUMBING SCHEDULES
P300	PLUMBING DETAILS

SPECIFIC PLUMBING DEMOLITION NOTES	
PD1	SAWOUT EXISTING FLOOR SLAB AS DENOTED BY HATCHING AS REQUIRED FOR INSTALLATION OF NEW WORK.
PD2	DEMOLISH EXISTING PIPING NOT RE-USED IN NEW SCOPE OF WORK.
PD3	DEMOLISH EXISTING GREASE TRAP AS INDICATED.
PD4	DEMOLISH ALL EXISTING PLUMBING PIPING, FIXTURES AND EQUIPMENT THIS AREA, WHERE SERVICES ARE BELOW EXISTING SLAB ON GRADE. CAP SERVICES BELOW FLOOR LEVEL. PRIOR TO CAPPING, VERIFY PIPING IS INACTIVE FROM OTHER AREAS AND SUBSEQUENTLY FILL ANY BELOW SLAB PIPING WITH FLOWABLE FILL. DOMESTIC WATER PIPING SHALL BE REMOVED BACK TO SERVICE ENTRANCE AT APPROXIMATELY 24" AFF.

- GENERAL PLUMBING DEMOLITION NOTES:**
- WHERE PLUMBING FIXTURES ARE NOTED HEREIN TO BE DEMOLISHED, ALSO REMOVE ALL ASSOCIATED PIPING, ACCESSORIES, TRIM, HANGERS, ETC. UNLESS NOTED OTHERWISE.
  - WHERE PLUMBING FIXTURES ARE NOTED HEREIN TO BE REPLACED, EXISTING ASSOCIATED PIPING, ACCESSORIES, ETC. SHALL REMAIN.
  - WHERE DIRECTED TO CAP SERVICES AS NOTED HEREIN, CAP ALL PIPING ASSOCIATED WITH DEMOLISHED FIXTURE IN WALL, ABOVE CEILING OR BELOW FLOOR AS REQUIRED FOR FINISHED APPEARANCE. DISCONNECT AND REMOVE ALL PIPING NOT UTILIZED IN NEW SCOPE OF WORK.
  - PATCH AND REPAIR ALL AREAS AFFECTED TO MATCH ADJACENT OR AS DIRECTED/APPROVED BY ARCHITECT. THIS SHALL INCLUDE, BUT IS NOT LIMITED TO, WALL REPAIR, CONCRETE REPAIR, PAINTING, ETC. COORDINATE FINISHES WITH ARCHITECTURAL DRAWINGS.
  - ALL REMOVED PLUMBING EQUIPMENT AND FIXTURES SHALL BE OFFERED TO OWNER. THOSE NOT ACCEPTED BY OWNER SHALL BE DISPOSED OF OFF SITE PER LOCAL CODES AND ORDINANCES. ALL OTHER DEMOLISHED MECHANICALLY RELATED MATERIALS SHALL BE DISPOSED OF SIMILARLY.
  - PIPING LOCATED IN WALLS TO REMAIN, OR BELOW SLAB/FLOOR, THAT DOES NOT CONFLICT WITH NEW WORK, MAY REMAIN AND BE CAPPED FOR CONCEALMENT AND DISCONNECTED FROM ACTIVE SERVICE, ETC.
  - PROVIDE ANY TEMPORARY CONNECTIONS REQUIRED TO MAINTAIN PLUMBING SERVICES TO NEW AND EXISTING FIXTURES AND INSTALLATIONS BEING UTILIZED OUTSIDE THE AREA BEING RENOVATED.

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**PASCAGOULA-GAUTIER SCHOOL DISTRICT**  
**GAUTIER ELEMENTARY SCHOOL**  
**KITCHEN RENOVATION (RE-BID)**

Revisions		
No.	Description	Date

PASCAGOULA-GAUTIER SCHOOL DISTRICT  
GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)

505 MAGNOLIA TREE DRIVE  
GAUTIER, MS 39553

**PD100**  
OVERALL PLUMBING DEMOLITION PLAN - KITCHEN

Drawn By	Checked By	Date
JS	KSKJK	08/07/2023

Scale: 1/8" = 1'-0"  
Project Number: 22050.01

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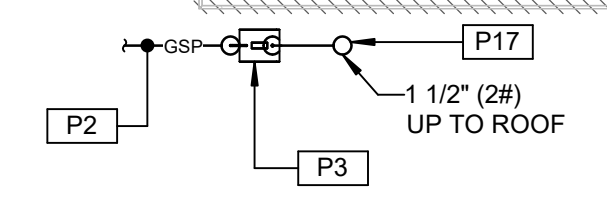
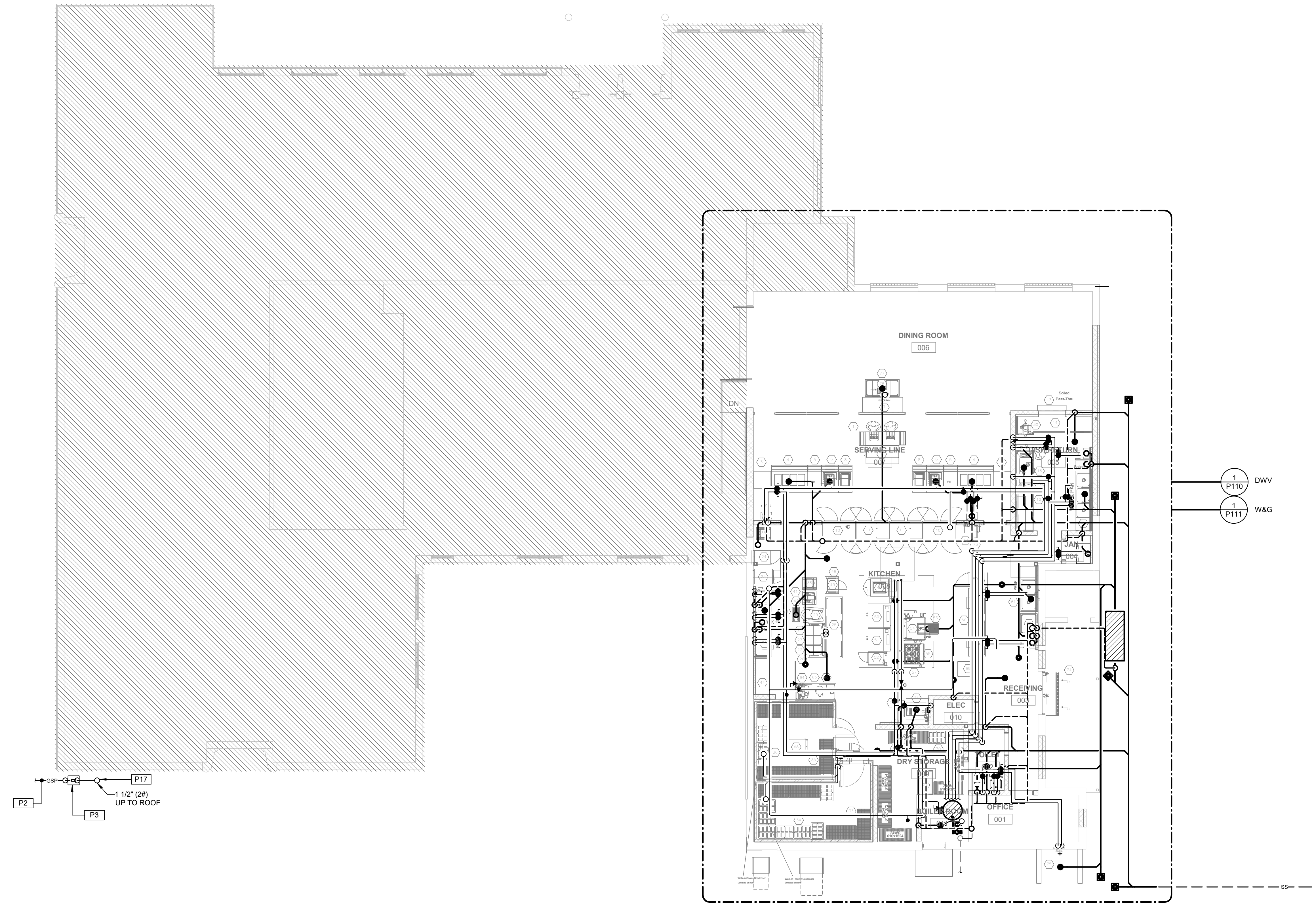
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## PASCAGOULA-GAUTIER SCHOOL DISTRICT GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)

SPECIFIC PLUMBING NOTES	
P2	TYPICAL NEW GAS SERVICE PIPING ROUTED BELOW GRADE. VERIFY COORDINATE WITH LOCAL SERVING UTILITY COMPANY. ALL COST AND COORDINATION SHALL BE INCLUDED.
P3	GAS METER/REGULATOR PROVIDED BY SERVING UTILITY COMPANY. COST AND COORDINATION SHALL BE INCLUDED. REGULATE 2,000 CFH TO 2psi.
P17	ROUTE PIPING TIGHT TO WALL TO ROOF WITH STAND-OFF BRACKETS AT 48" O.C. PRIME PAINT EXPOSED VERTICAL PIPING TO MATCH ADJACENT WALL OR AS DIRECTED/APPROVED BY ARCHITECT.



**OVERALL PLUMBING NEW WORK PLAN - KITCHEN**  
1/8" = 1'-0"

Revisions		
No.	Description	Date

PASCAGOULA-GAUTIER SCHOOL DISTRICT  
GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)

505 MAGNOLIA TREE DRIVE  
GAUTIER, MS 39553

# P100

OVERALL PLUMBING NEW WORK PLAN - KITCHEN

Drawn By	Checked By	Date
JS	KSJK	08/07/2023

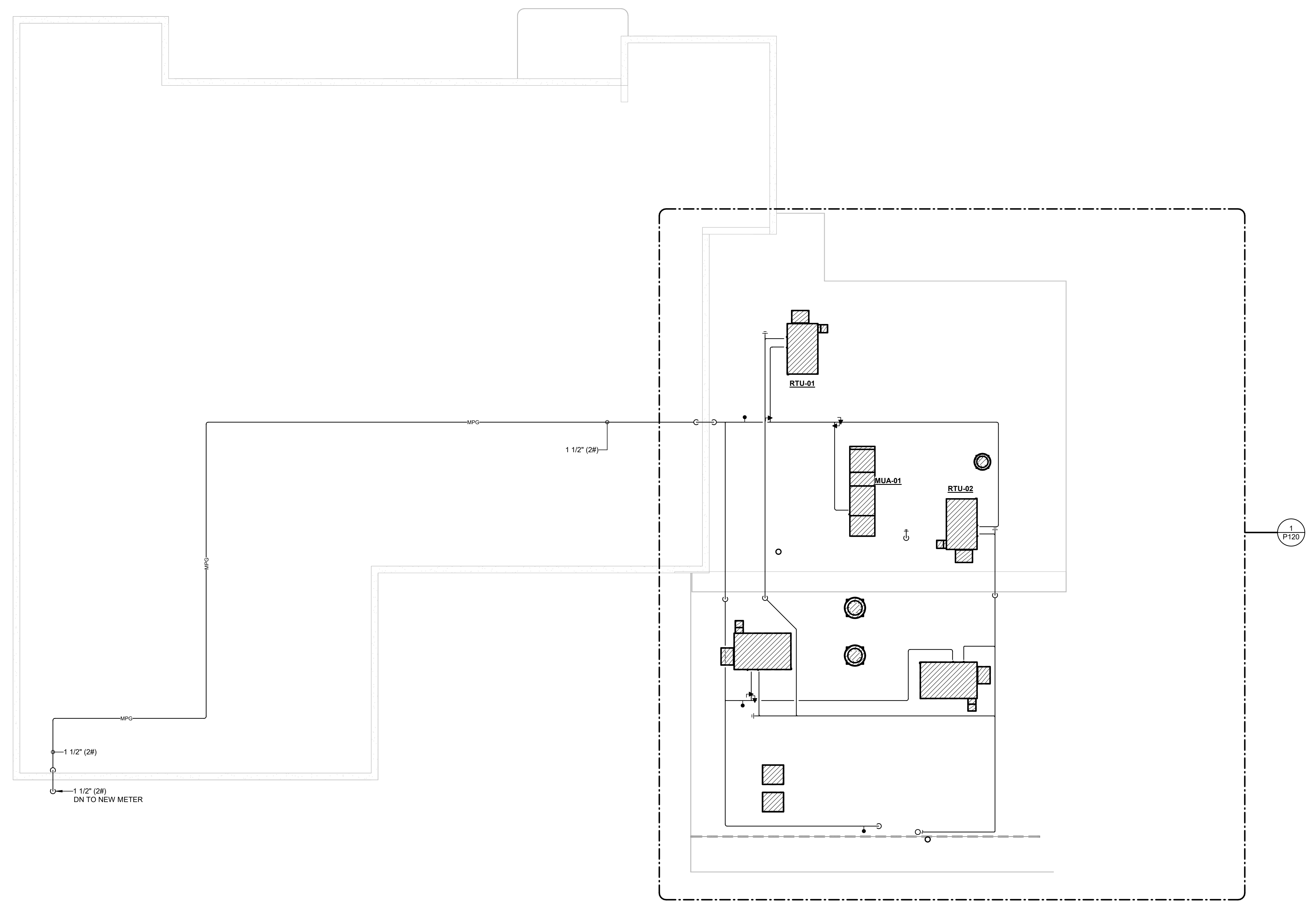
Scale: 1/8" = 1'-0"  
Project Number: 22050.01

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**GENERAL MECHANICAL ROOF NOTES:**

- CONDENSATE DRAIN PIPING INDICATED ON DRAWING SHALL BE 1-1/2" SIZE UNLESS NOTED OTHERWISE.
- PROVIDE FULL PIPE SIZE CLEAN OUT AT EVERY CHANGE OF DIRECTION AND EVERY 50' OF STRAIGHT RUN PIPE.
- ALL CONDENSATE AND GAS PIPING SHALL BE SUPPORTED PER ROOFTOP PIPING SUPPORT DETAIL AND SPECIFICATIONS.



**PASCAGOULA-GAUTIER SCHOOL DISTRICT**  
**GAUTIER ELEMENTARY SCHOOL**  
**KITCHEN RENOVATION (RE-BID)**

Revisions		
No.	Description	Date

PASCAGOULA-GAUTIER SCHOOL DISTRICT  
 GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)

505 MAGNOLIA TREE DRIVE  
 GAUTIER, MS 39553

## P101

OVERALL MECHANICAL ROOF NEW WORK PLAN - KITCHEN

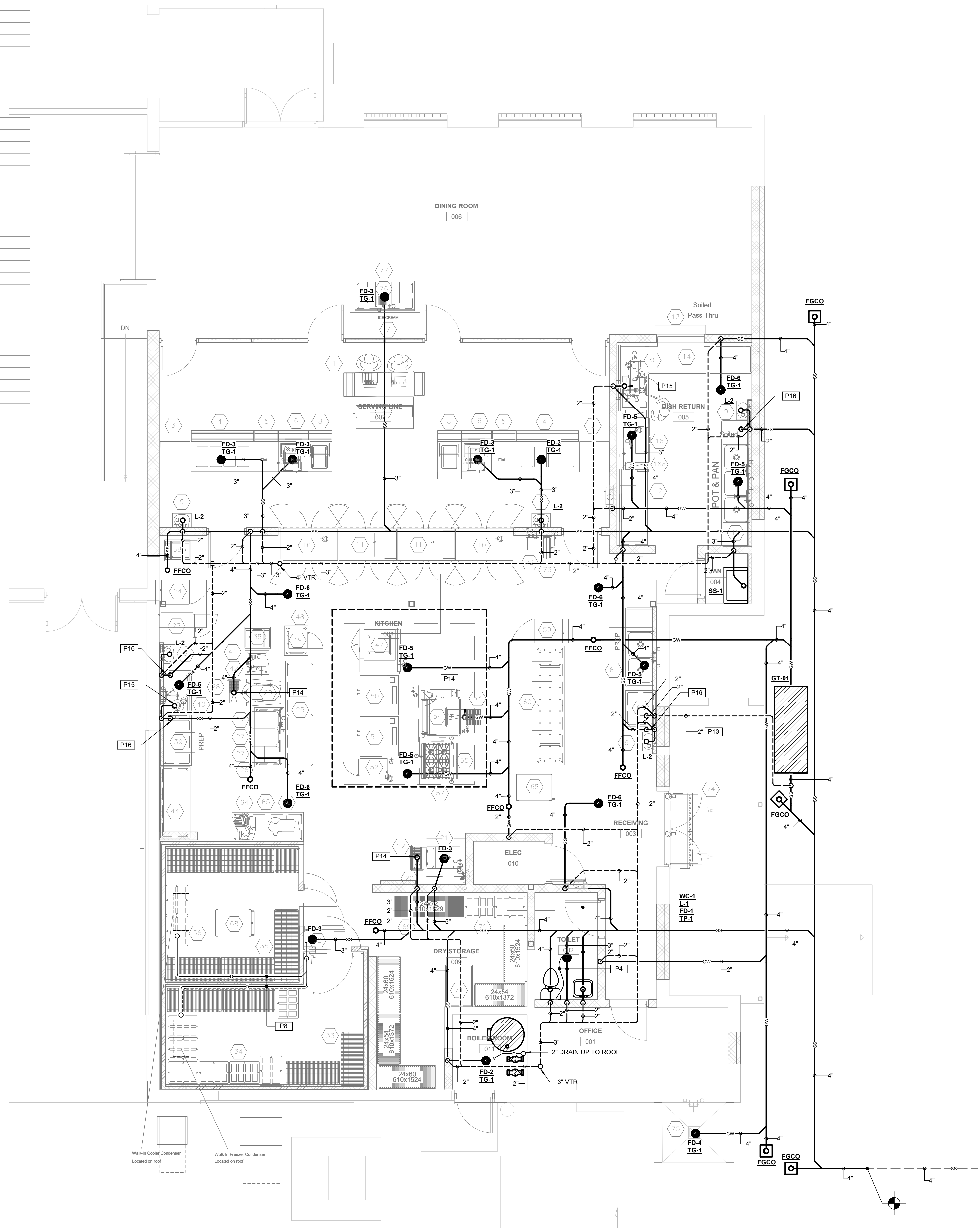
Drawn By	Checked By	Date
JS	KSIJK	08/07/2023
Scale	Project Number	
1/8" = 1'-0"	22050.01	

**OVERALL MECHANICAL ROOF NEW WORK PLAN - KITCHEN**

1  
P101  
1/8" = 1'-0"



Foodservice Equipment Schedule					
Item No	Qty	Equipment Category	Item No	Qty	Equipment Category
1	1	Cashier Station, Double	39	1	Prep Table With Sinks
2	1	Milk Cooler - Existing Equipment	40	1	Disposer, Garbage
3	2	Mobile Utility Unit - Trays	41	1	Counter Mixer - Existing Equipment
4	2	Hot Food Unit	42	1	Equipment Stand - Existing Equipment
5	2	Mobile Utility Unit	43	1	Spare Number
6	2	Mobile Cold Unit	44	1	Work Table - Existing Equipment
7	1	Ice Cream Unit - Existing Equipment	45	1	Spare Number
8	2	Mobile Ambient Unit	46	1	Spare Number
9	5	Hand Sink - In Mechanical	47	1	Rotating Rack Oven, Gas - With Racks
10	2	Cabinet, Heated, Pass-Thru	48	1	Mobile Work Table - Existing Equipment
11	2	Refrigerator, Pass-Thru	49	1	Microwave - Existing Equipment
12	1	Clean Dishtable and Slanted Wall Shelf	50	1	Oven, Convection, Gas
13	1	Colling Shutter Door - In Architectural	51	1	Oven, Convection, Gas
14	1	Soiled Table, Pass-Thru Landing, Sink	52	1	Steamer, Electric
15	1	Three-Compartment Sink	53	1	Floor Trough
16	1	Washer	54	1	Tilt Skillet, Gas
16a	1 set	Condensate Ducts	55	1	Range, Heavy Duty, Convection Oven, Gas
17	1	Condensate Exhaust Fan - In Mechanical	56	1	Spare Number
18	1	Spare Number	57	1	Vent Hood - In Mechanical Section
19	1	Spare Number	58	1	Spare Number
20	1	Filter System, Ice maker	59	1	Mobile Warming Cabinet - Existing Equipment
21	1	Ice Maker w/ Bin - Existing Equipment	60	1	Work Table with Pot Rack - Existing Equipment
22	1	Floor Trough	61	1	2-Compartment Sink - Existing Equipment
23	1	Reach-In Refrigerator - Existing Equipment	62	1	Work Table - Existing Equipment
24	1	Mobile Warming Cabinet - Existing Equipment	63	1	Spare Number
25	1	Work Table	64	1	Slicer - Existing Equipment
26	1	Baker's Table	65	1	Work Table - Existing Equipment
27	1	Ingredient Bin, 3	66	1	Food Chopper - Existing Equipment
28	1	Floor Trough	67	1	Spare Number
29	1	60 Qt. Mixer - Existing Equipment	68	2	Cart, Utility - Existing Equipment
30	1	Scrapmaster	69	1	Dry Storage Shelving
31	1	Spare Number	70	1	Dry Storage Dummage Racks
32	1	Walk-In Cooler-Freezer	71	1	Rack, Can
33	1	Freezer Shelving	72	1	Reel Rinse, Control Box
34	1	Freezer Dummage Racks	73	1	Hose Reel with Gun
35	1	Cooler Shelving	74	1	Air Curtain
36	1	Cooler Dummage Racks	75	1	Utility Faucet - In Mechanical
37	1	Spare Number	76	1	Ice Maker - Ice/Water Dispenser
38	2	Rack, Pan - Existing Equipment	77	1	Table, Stainless Steel



SPECIFIC PLUMBING NOTES	
P4	1/2" TYPE 'K' SOFT COPPER TRAP PRIMER AND 3" WASTE BELOW SLAB/FLOOR
P8	PROVIDE 3/4" TYPE 'L' HARD DRAWN COPPER DRAINS ON ±1% SLOPE FROM ALL WALK-IN FREEZER/COOLER EVAPORATORS AND ROUTE TO REMOTE INDIRECT WASTE RECEPTORS. HOLD PIPING TIGHT TO WALL OF FREEZER/COOLER. INSULATE DRAIN PIPING WITH 1/2" THICK ARMAFLEX. INCLUDE HEAT TAPE UNDER INSULATION ON DRAIN LINES IN FREEZER SPACE INSTALLATIONS. COORDINATE ELECTRICAL PROVISIONS FOR POWER FOR HEAT TAPE.
P13	VENT PIPING ROUTED BELOW GRADE/SLAB SHALL UTILIZE WASTE PIPING FITTINGS ONLY.
P14	TYPICAL TRAPPED WASTE PIPING (SIZE AS INDICATED) FOR FLOOR TROUGH/SUMP
P15	TYPICAL TRAPPED WASTE PIPING ABOVE SLAB (SIZE AS INDICATED) FOR DISPOSER CONNECTION. SEE DETAIL.
P16	HOLD PIPE RISER TIGHT AGAINST INSIDE OF EXTERIOR WALL GRADE BEAM/FOOTING. ROLL PIPING BACK INTO WALL. SEE ARCHITECTURAL OFFSET TO AVOID CONFLICTS WITH LEGS/SUPPORTS ON KITCHEN EQUIPMENT. SEE ARCHITECTURAL DRAWINGS/DETAILS FOR COVER OVER PIPE.

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PASCAGOULA-GAUTIER SCHOOL DISTRICT  
**GAUTIER ELEMENTARY SCHOOL  
KITCHEN RENOVATION (RE-BID)**

**Revisions**

No.	Description	Date

PASCAGOULA-GAUTIER SCHOOL DISTRICT  
GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)

505 MAGNOLIA TREE DRIVE  
GAUTIER, MS 39553

**P110**  
ENLARGED DRAIN, WASTE & VENT  
NEW WORK PLAN - KITCHEN

Drawn By	Checked By	Date
JS	KSJK	08/07/2023

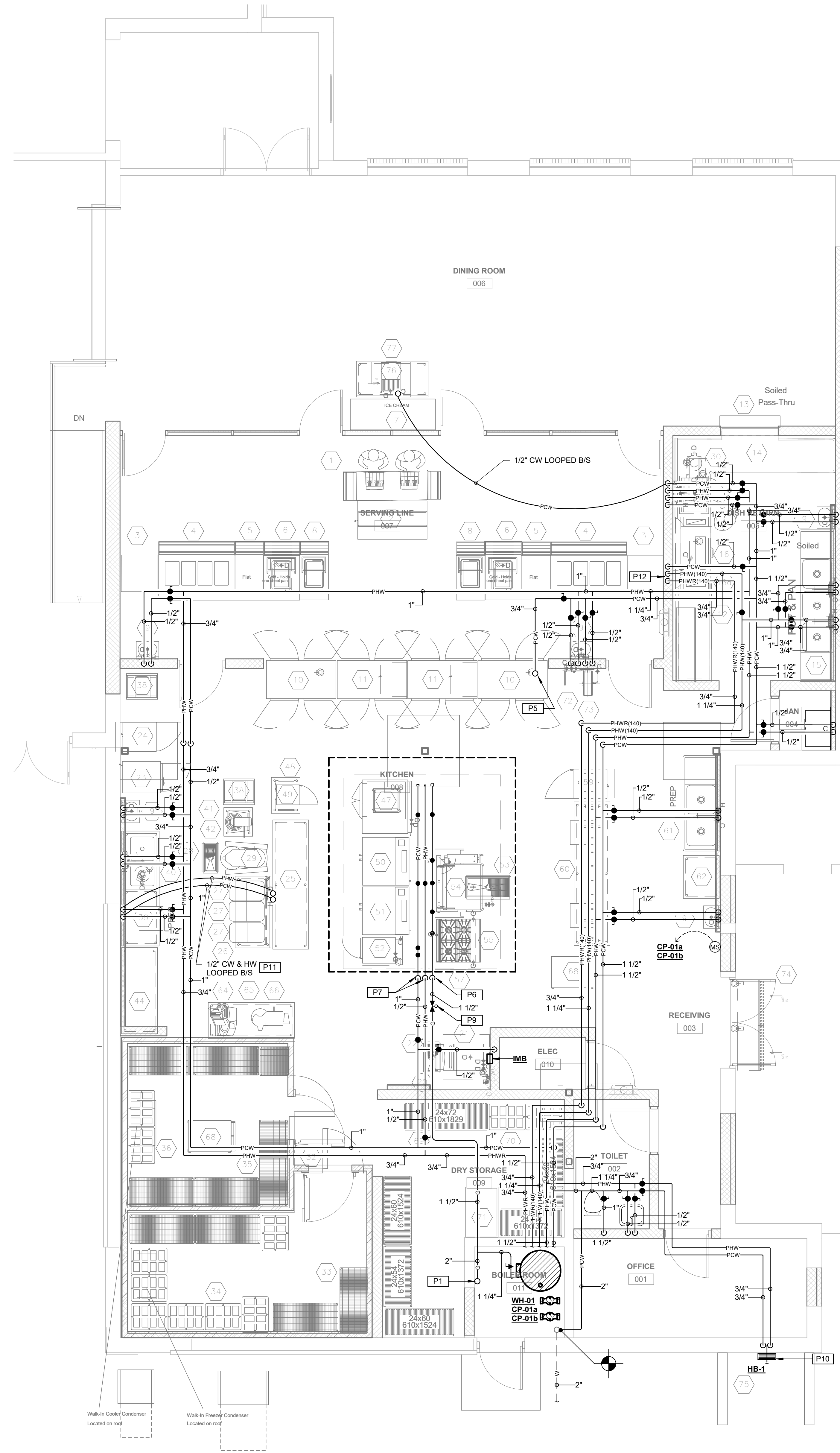
Scale: 1/4" = 1'-0"  
Project Number: 22050.01

**ENLARGED DRAIN, WASTE & VENT NEW WORK PLAN - KITCHEN**

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22050.01

Foodservice Equipment Schedule					
Item No	Qty	Equipment Category	Item No	Qty	Equipment Category
1	1	Cashier Station, Double	39	1	Prep Table With Sinks
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3	2	Mobile Utility Unit - Trays	41	1	Counter Mixer - Existing Equipment
4	2	Hot Food Unit	42	1	Equipment Stand - Existing Equipment
5	2	Mobile Utility Unit	43	1	Spare Number
6	2	Mobile Cold Unit	44	1	Work Table - Existing Equipment
7	1	Ice Cream Unit - Existing Equipment	45	1	Spare Number
8	2	Mobile Ambient Unit	46	1	Spare Number
9	5	Hand Sink - In Mechanical	47	1	Rotating Rack Oven, Gas - With Racks
10	2	Cabinet, Heated, Pass-Thru	48	1	Mobile Work Table - Existing Equipment
11	2	Refrigerator, Pass-Thru	49	1	Microwave - Existing Equipment
12	1	Clean Dishtable and Slanted Wall Shelf	50	1	Oven, Convection, Gas
13	1	Colling Shutter Door - In Architectural	51	1	Oven, Convection, Gas
14	1	Soiled Table, Pass-Thru Landing, Sink	52	1	Steamer, Electric
15	1	Three-Compartment Sink	53	1	Floor Trough
16	1	Warewasher	54	1	Tilt Skillet, Gas
16a	1 set	Condensate Ducts	55	1	Range, Heavy Duty, Convection Oven, Gas
17	1	Condensate Exhaust Fan - In Mechanical	56	1	Spare Number
18	1	Spare Number	57	1	Vent Hood - In Mechanical Section
19	1	Spare Number	58	1	Spare Number
20	1	Filter System, Icemaker	59	1	Mobile Warming Cabinet - Existing Equipment
21	1	Ice Maker w/ Bin - Existing Equipment	60	1	Work Table with Pot Rack - Existing Equipment
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23	1	Reach-In Refrigerator - Existing Equipment	62	1	Work Table - Existing Equipment
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27	1	Ingredient Bin, 3	66	1	Food Chopper - Existing Equipment
28	1	Floor Trough	67	1	Spare Number
29	1	60 Qt. Mixer - Existing Equipment	68	2	Cart, Utility - Existing Equipment
30	1	Scrapmaster	69	1	Dry Storage Shelving
31	1	Spare Number	70	1	Dry Storage Dummage Racks
32	1	Walk-In Cooler-Freezer	71	1	Rack, Can
33	1	Freezer Shelving	72	1	Reel Rinse, Control Box
34	1	Freezer Dummage Racks	73	1	Hose Reel with Gun
35	1	Cooler Shelving	74	1	Air Curtain
36	1	Cooler Dummage Racks	75	1	Utility Faucet - In Mechanical
37	1	Spare Number	76	1	Ice Maker - Ice/Water Dispenser
38	2	Rack, Pan - Existing Equipment	77	1	Table, Stainless Steel



SPECIFIC PLUMBING NOTES	
P1	TYPICAL GAS PIPING ROUTED UP THROUGH ROOF IN UTILITY PIPING ROOF PENETRATION CAP. SEE DETAIL.
P5	3/4" COLD WATER ROUTED UP TO ROOF MOUNTED HOSE BIBB. PROVIDE 1/2" DRAIN CONNECTION AND ROUTE AND CONNECT TO NEARBY VENT STACK AS INDICATED. SEE DETAIL.
P6	GAS PIPING MAIN ROUTED DOWN EXPOSED TO FULL SIZE HORIZONTAL HEADER, AT 220" AFF PROVIDE INDIVIDUAL BRANCH PIPING WITH BALL TYPE SHUTOFF VALVE TO SERVE EACH AND EVERY APPLIANCE BELOW HOOD. PROVIDE 36" PLASTIC COATED STAINLESS STEEL FLEXIBLE CONNECTOR TO ALL APPLIANCES. COORDINATE WITH KITCHEN EQUIPMENT ROUGH-IN DRAWINGS.
P7	CW AND HW PIPING MAIN ROUTED DOWN EXPOSED TO FULL SIZE HORIZONTAL PIPING HEADER TO CONNECT OTHER EQUIPMENT. PROVIDE INDIVIDUAL BRANCH PIPING WITH BALL TYPE SHUTOFF VALVE TO SERVE EACH AND EVERY APPLIANCE BELOW HOOD. PROVIDE 36" PLASTIC COATED STAINLESS STEEL FLEXIBLE CONNECTOR TO ALL APPLIANCES. COORDINATE WITH KITCHEN EQUIPMENT ROUGH-IN DRAWINGS.
P9	GAS SOLENOID VALVE ON GAS PIPING MAIN AS INDICATED. INTERLOCK VALVE (N.C.) SUCH THAT VALVE IS CLOSED WITH HOOD FIRE SUPPRESSION SYSTEM ANNUNCIATION AS REQUIRED BY CODE. COORDINATE AND VERIFY LOCATION WITH LOCAL GOVERNING AUTHORITIES AND FFEC.
P10	PROVIDE ALUMINUM HEAVY DUTY WALL MOUNTED HOSE BRACKET AND 25' OF 3/8" REINFORCED HEAVY DUTY GARDEN HOSE AS INDICATED.
P11	HW & CW TYPE 'K' SOFT COPPER PIPING ROUTED BELOW SLAB AS INDICATED. SEE FFEC ROUGH-IN DRAWINGS AND SCHEDULE FOR SIZES AND LOCATIONS.
P12	CONNECT RECIRCULATING HOT WATER PIPING TO HOT WATER SUPPLY PIPING 48" FROM PIPING CONNECTION TO DISHWASHER. PROVIDE 2 1/2" DIAL THERMOMETER (RANGE OF 60°-180° F) AT WALL EXIT LOCATION.

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**PASCAGOULA-GAUTIER SCHOOL DISTRICT**

**GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)**

**Revisions**

No.	Description	Date

PASCAGOULA-GAUTIER SCHOOL DISTRICT  
GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)

505 MAGNOLIA TREE DRIVE  
GAUTIER, MS 39553

**P111**

ENLARGED WATER & GAS NEW WORK PLAN - KITCHEN

Drawn By: JS  
Checked By: KSJK  
Date: 08/07/2023

Scale: 1/4" = 1'-0"  
Project Number: 22050.01

**1**  
P111  
1/4" = 1'-0"

**ENLARGED WATER & GAS NEW WORK PLAN - KITCHEN**

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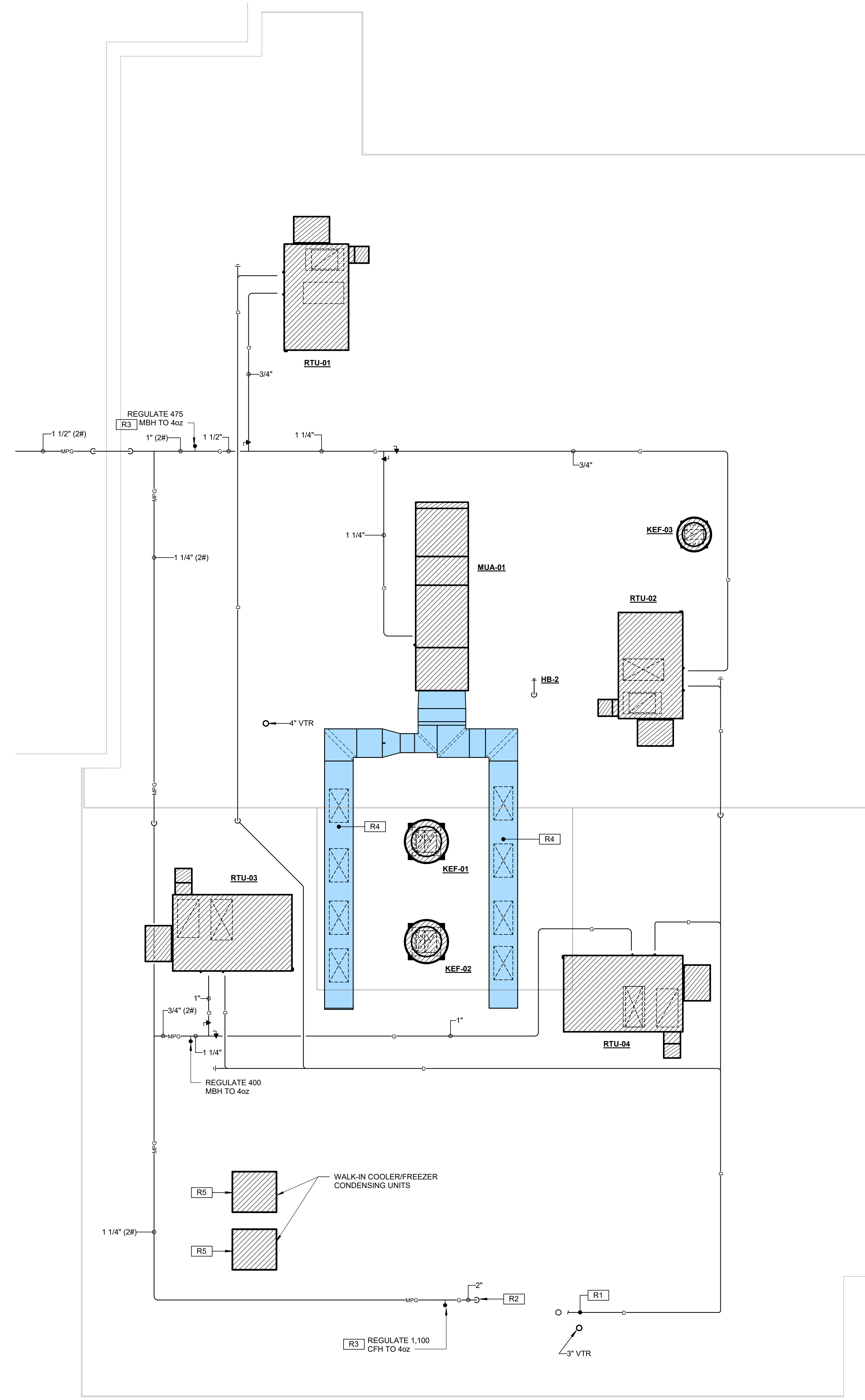
GSK#: 112-126

22050.01

## PASCAGOULA-GAUTIER SCHOOL DISTRICT GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)

SPECIFIC MECHANICAL ROOF NOTES	
R1	ROUTE CONDENSATE DRAIN PIPING ON SLOPE TO NEW WASTE STACK THRU ROOF. ALL INSTALLATIONS SHALL TERMINATE WITH ELBOW TURNED DOWN SUCH THAT DISCHARGE OF CONDENSATE IS INTO PIPING.
R2	ROUTE GAS PIPING DOWN THROUGH ROOF IN PIPE PENETRATION CURB/CAP. SEE DETAIL.
R3	PROVIDE GAS REGULATOR (SEE DETAIL). SEE DRAWINGS FOR CAPACITY. PROVIDE VENTLESS REGULATOR OR EXTEND VENT AWAY FROM O/A INTAKE ON HVAC UNITS WHERE APPLICABLE.
R4	OUTDOOR DUCTWORK. SEE GENERAL HVAC NOTES FOR DETAILED REQUIREMENTS.
R5	TYPICAL ROOF MOUNTED CONDENSING UNIT FOR WALK-IN COOLER/FREEZER. ROUTE REFRIGERANT PIPING ROUTED DOWN THROUGH ROOF IN PIPE PENETRATION CURB/CAP. SEE DETAILS FOR CONDENSING UNIT SUPPORT AND PIPE PENETRATION CURB/CAP.

GENERAL MECHANICAL ROOF NOTES:	
1.	CONDENSATE DRAIN PIPING INDICATED ON DRAWING SHALL BE 1-1/2" SIZE UNLESS NOTED OTHERWISE.
2.	PROVIDE FULL PIPE SIZE CLEAN OUT AT EVERY CHANGE OF DIRECTION AND EVERY 50' OF STRAIGHT RUN PIPE.
3.	ALL CONDENSATE AND GAS PIPING SHALL BE SUPPORTED PER ROOFTOP PIPING SUPPORT DETAIL AND SPECIFICATIONS.



**ENLARGED MECHANICAL ROOF NEW WORK PLAN - KITCHEN**

1  
P120  
1/4" = 1'-0"

Revisions		
No.	Description	Date

PASCAGOULA-GAUTIER SCHOOL DISTRICT  
GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)

505 MAGNOLIA TREE DRIVE  
GAUTIER, MS 39553

# P120

ENLARGED MECHANICAL ROOF PLAN - KITCHEN

Drawn By	Checked By	Date
Author	KSIJK	08/07/2023
Scale	Project Number	22050.01

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Consulting Engineering  
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GSK#: 112-126



KITCHEN EQUIPMENT ROUGH-IN SCHEDULE (MECHANICAL CONNECTIONS ONLY)

Table with columns: MARK, DESIGNATION, NO., GAS SIZE, GAS INPUT MBH, PCW, 120° PHW, 140° PHW, DRAIN TYPE, DRAIN SIZE, REMARKS. Lists kitchen equipment like handwash sink, warewasher, dishwasher, etc.

ABBREVIATIONS: FFEC - FOOD FACILITIES EQUIPMENT CONTRACTOR, PC - MECHANICAL PLUMBING CONTRACTOR, HC - MECHANICAL HVAC CONTRACTOR. GENERAL NOTES - KITCHEN EQUIPMENT: 1. RESPONSIBILITY: ITEMS SPECIFICALLY TO BE PROVIDED AND INSTALLED BY MECHANICAL HVAC PLUMBING OR CONTROLS CONTRACTORS ARE IDENTIFIED HEREFTER...

MISCELLANEOUS POWER AND FIRE ALARM CONNECTIONS SCHEDULE

Table with columns: MARK, DESIGNATION, INTERACTION REQUIRED, POWER REQUIREMENTS, REMARKS. Includes HEAT TAPE entry.

PLUMBING FIXTURE SCHEDULE

Table with columns: MARK, ADA REQ'D, DESCRIPTION, ROUGH-IN REQUIREMENTS (WASTE, VENT, 120° HW, CW, TEMPERED), FLOOR MTND. CARRIER REQ'D. Lists fixtures like water closet, lavatory, service sink, etc.

DOMESTIC WATER HEATER SCHEDULE

Table with columns: MARK, FUEL, STORAGE CAP., RECOVERY G.P.H. AT 100 °F RISE, MAX. GPM, INPUT KW, INPUT MBH, ELECTRICAL SERVICE, BASIS OF DESIGN, FEATURES/ACCESSORIES. Includes WH-01 entry.

CIRCULATING PUMP SCHEDULE

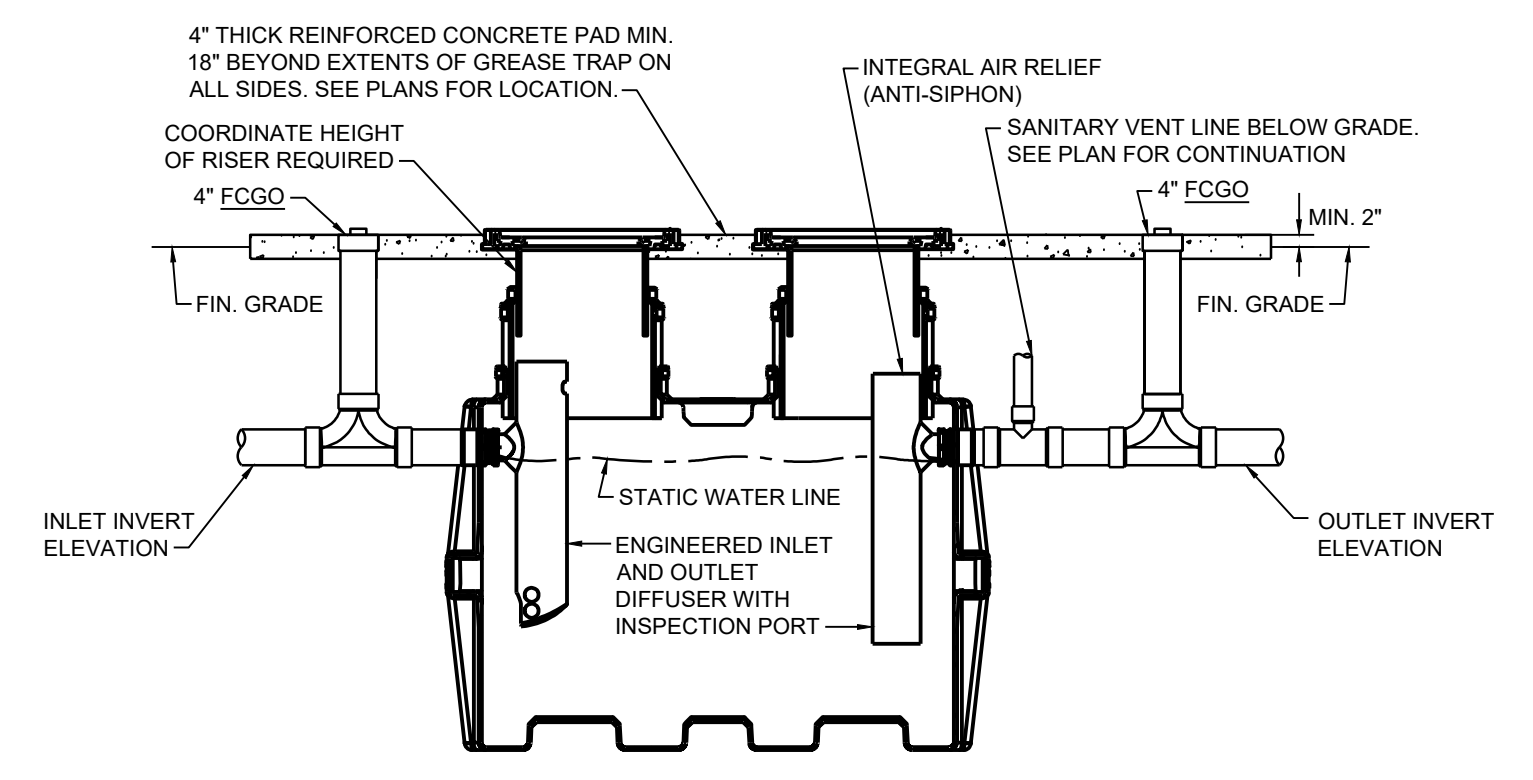
Table with columns: MARK, LOCATION, SYSTEM, CIRCULATING FLUIDS (FLUID, GPM, PUMP HEAD FT. FLUID, TEMP., °F, SP. GR.), NPSHR (FEET), % EFF., TYPE, ELECTRICAL DATA (NOM. HP, SERVICE, RPM), BASIS OF DESIGN. Includes CP-01A and CP-01B entries.

MOTOR STARTER SCHEDULE

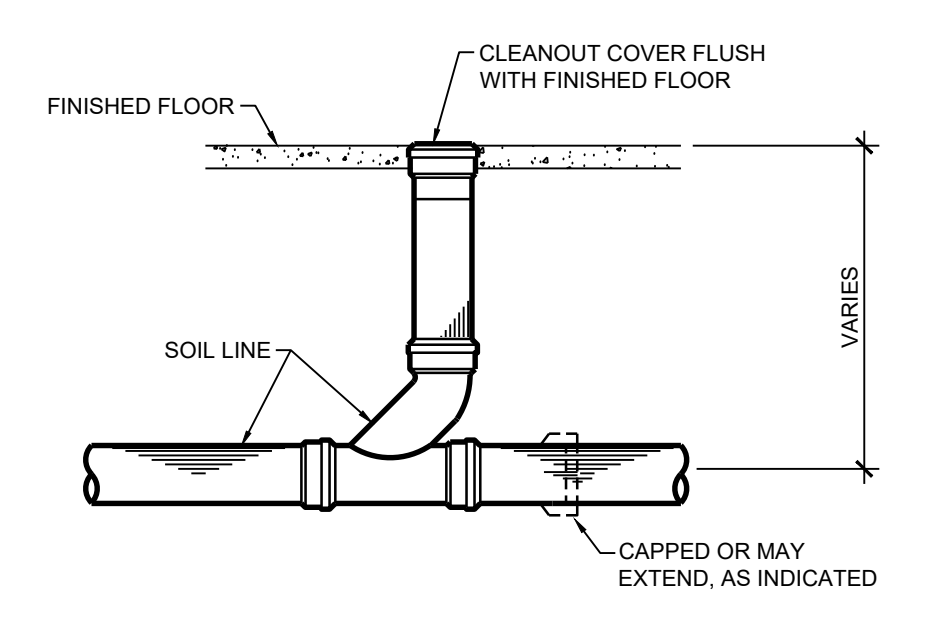
Table with columns: SERVING, HP OF EACH LOAD, ELECTRICAL CHARACTERISTICS, BASIS OF DESIGN, NOTES [1]. Includes CP-01A and CP-01B entries.



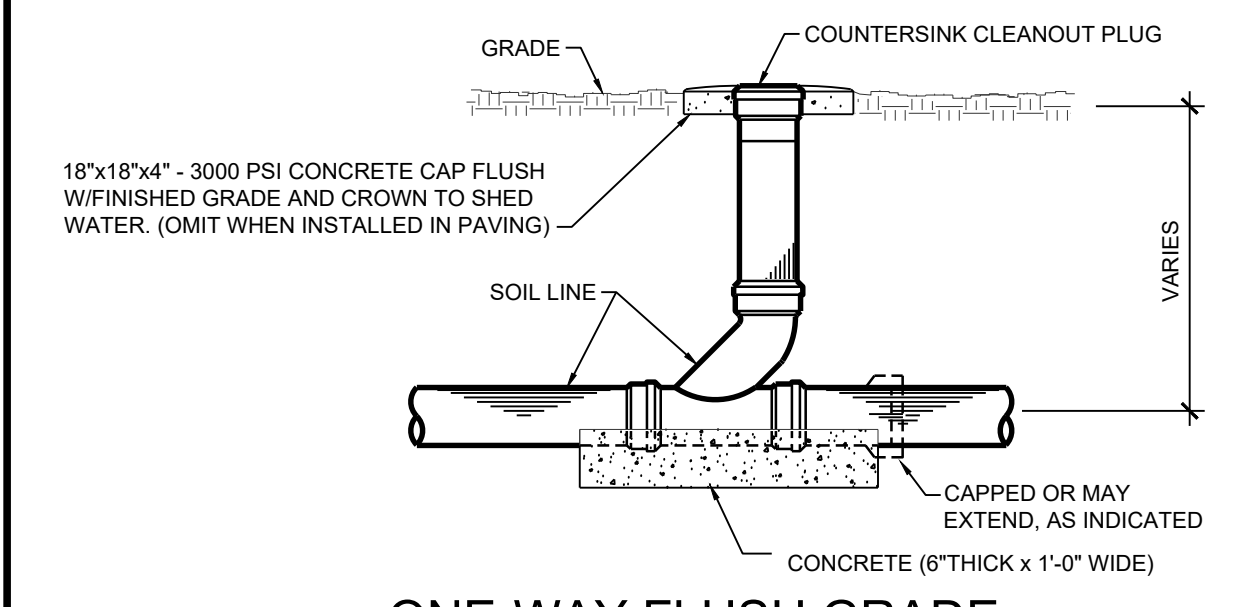
Revisions table, project information, seal, address (505 MAGNOLIA TREE DRIVE GAUTIER, MS 39553), P200 PLUMBING SCHEDULES, drawing metadata (Drawn By JS, Checked By KSJK, Date 08/07/2023, Scale As indicated, Project Number 22050.01)



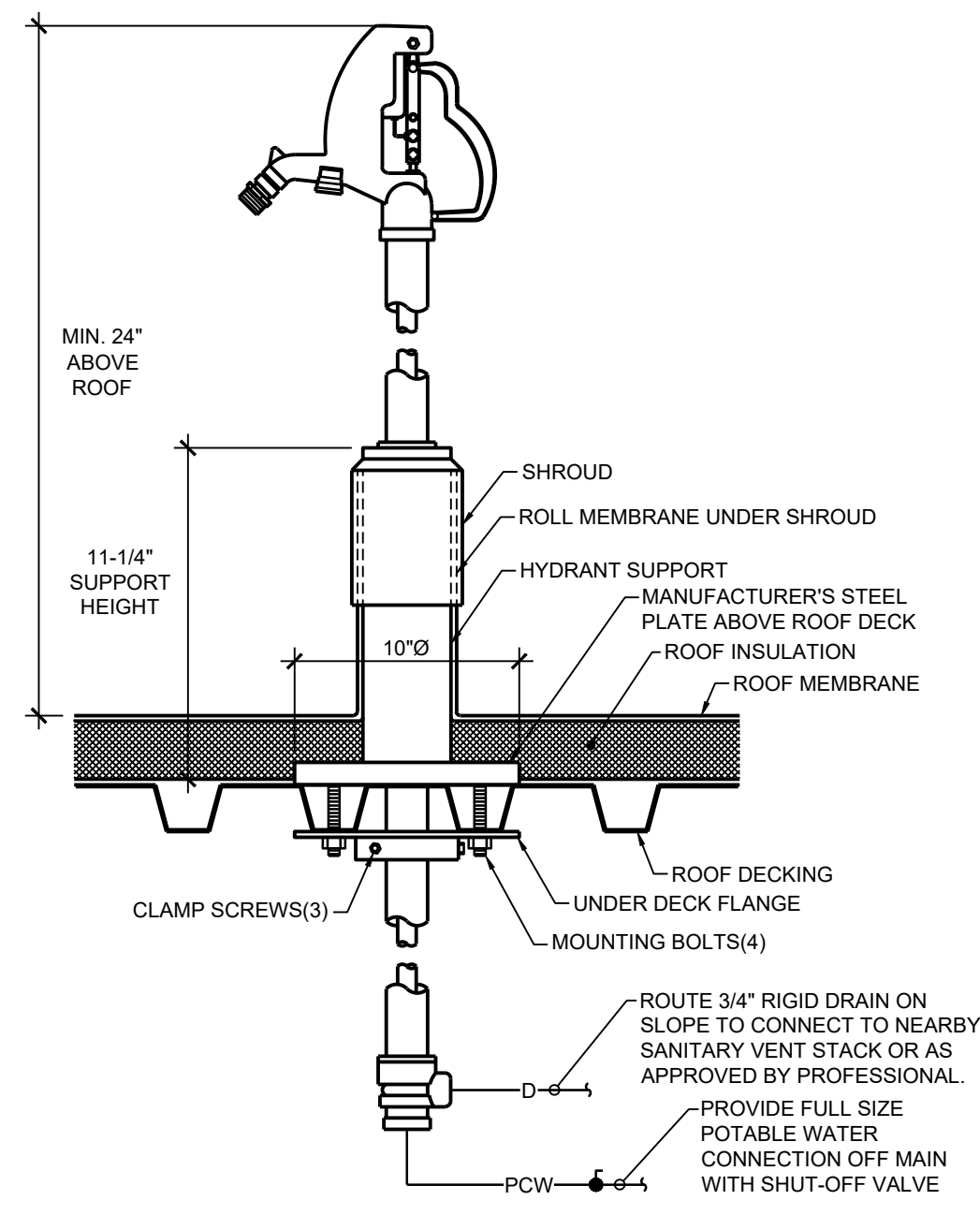
**GREASE INTERCEPTOR DETAIL**  
N.T.S.



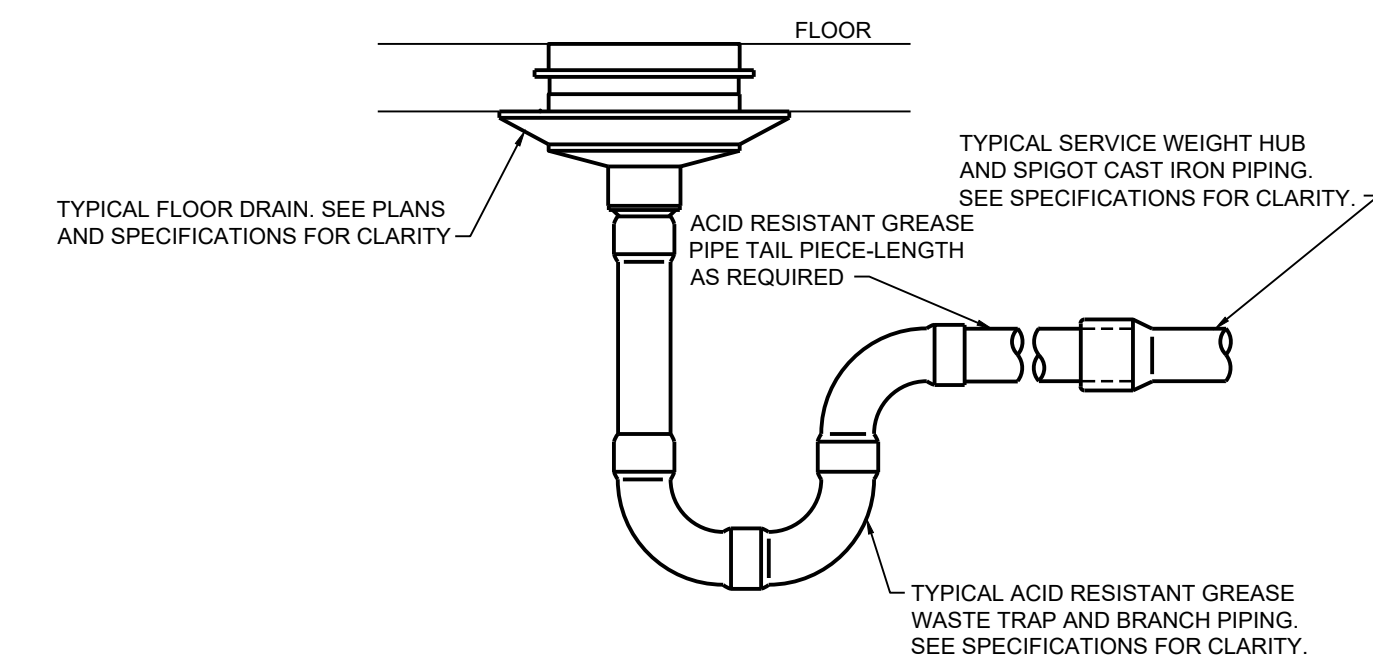
**ONE-WAY FINISHED FLOOR CLEANOUT DETAIL**  
N.T.S.



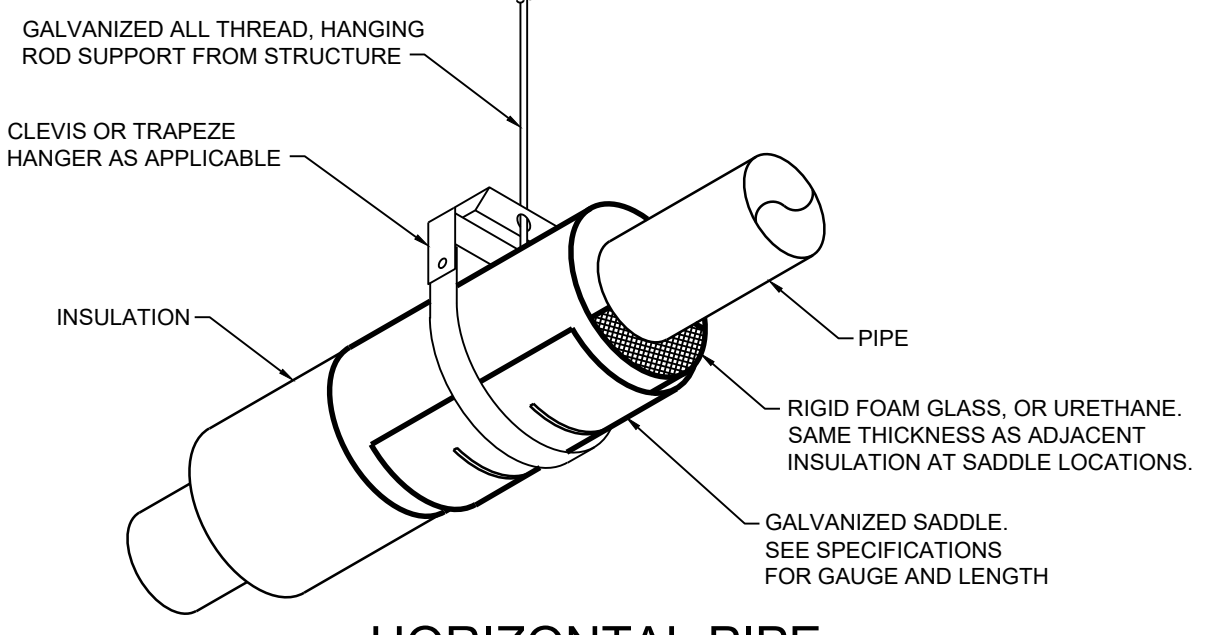
**ONE-WAY FLUSH GRADE CLEANOUT DETAIL**  
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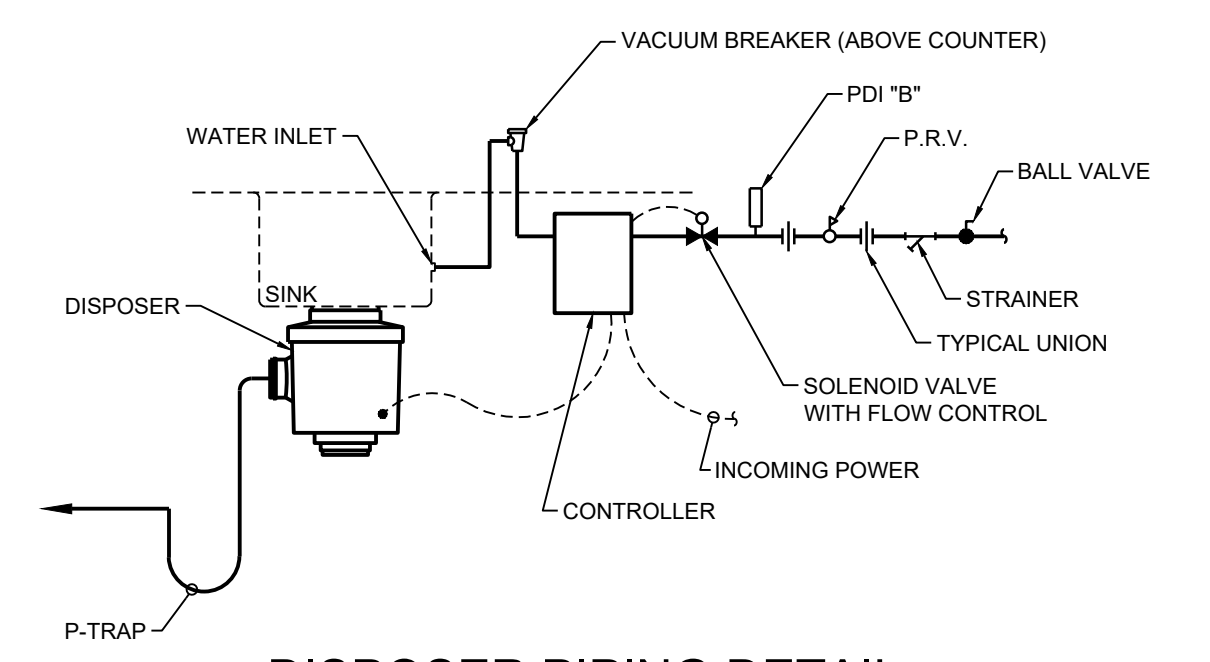
**ROOFTOP MOUNTED NON-FREEZE HYDRANT DETAIL**  
N.T.S.



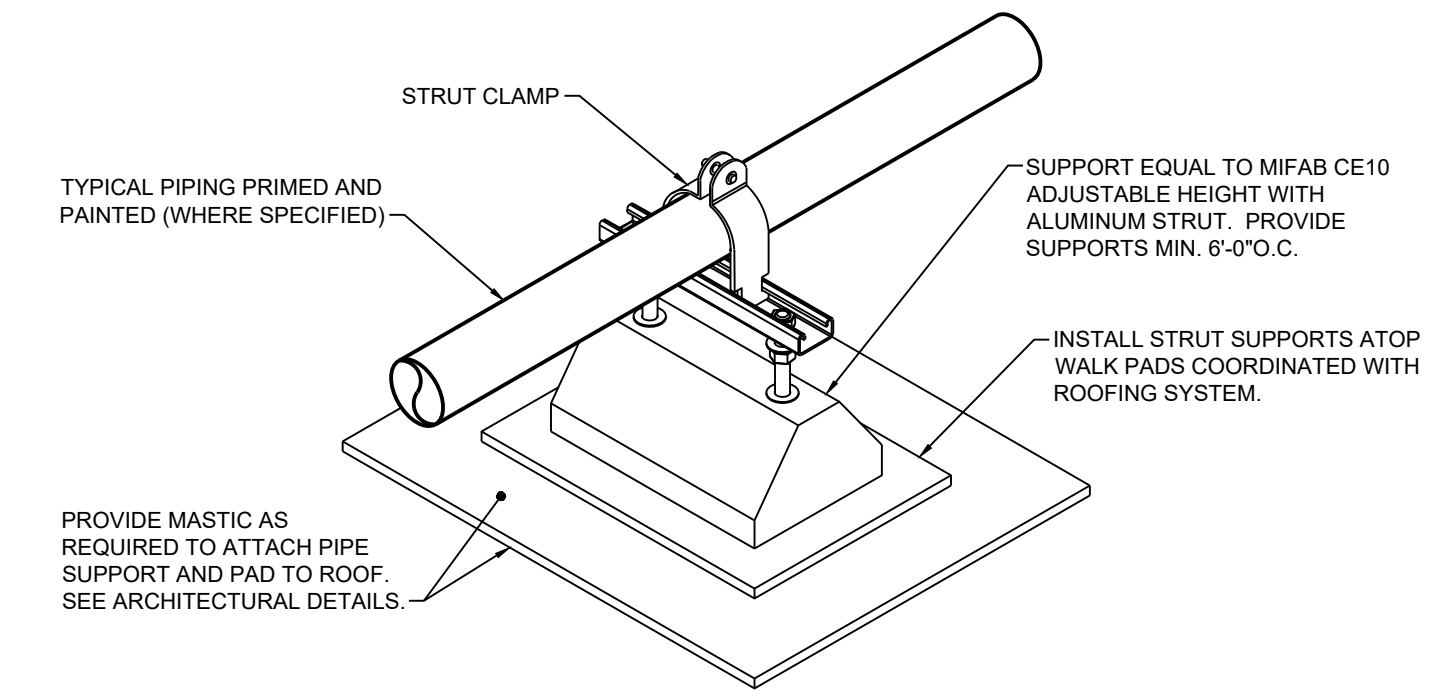
**TYPICAL KITCHEN GREASE WASTE TRAP DETAIL**  
N.T.S.



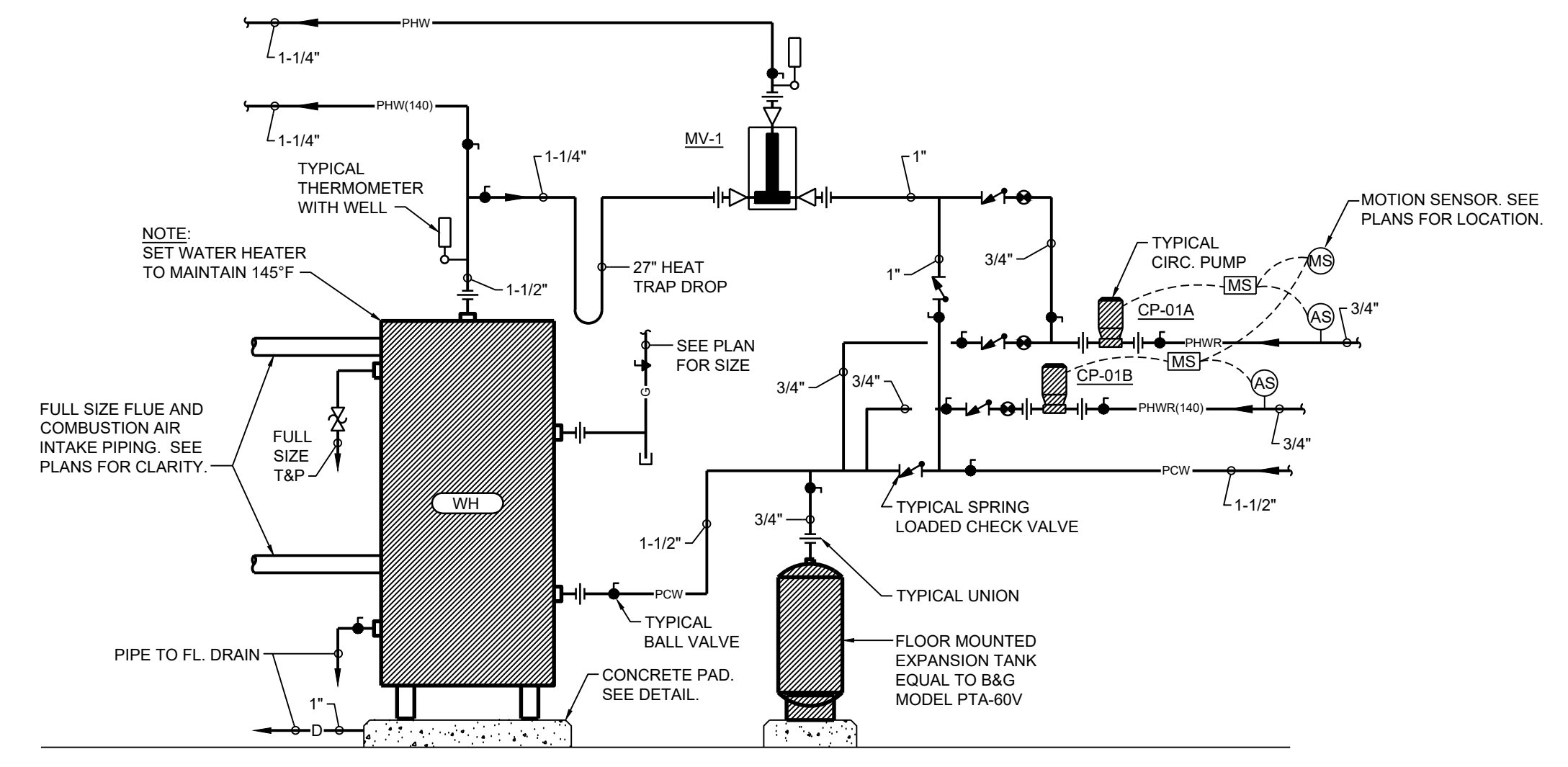
**HORIZONTAL PIPE INSULATION AND HANGING DETAIL**  
N.T.S.



**DISPOSER PIPING DETAIL**  
N.T.S.



**ROOF PIPING SUPPORT DETAIL**  
N.T.S.



**WATER HEATER (WH-01) DETAIL**  
N.T.S.



Revisions		
No.	Description	Date

PASCAGOULA-GAUTIER SCHOOL DISTRICT  
GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)



505 MAGNOLIA TREE DRIVE  
GAUTIER, MS 39553

**P300**  
PLUMBING DETAILS

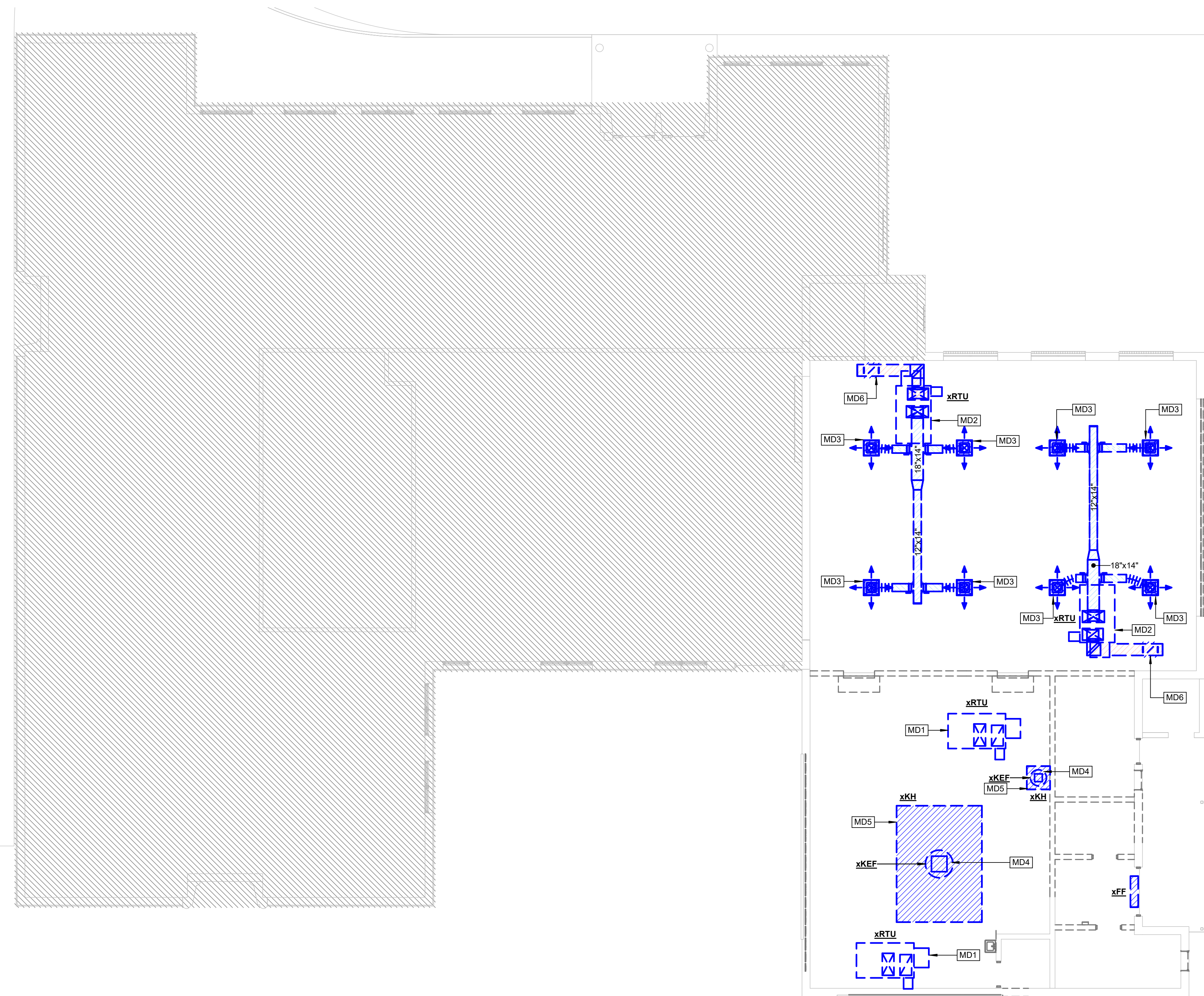
Drawn By JS	Checked By KS/JK	Date 08/07/2023
Scale As Indicated	Project Number 22050.01	

**LEGEND - HVAC**

MARK	DESCRIPTION
	TYPICAL SUPPLY AIR DIFFUSER (ARROWS INDICATE AIR FLOW THROW DIRECTION)
	TYPICAL EXHAUST OR RETURN AIR REGISTER
	TYPICAL RECTANGULAR TO ROUND DUCT TRANSITION
	TYPICAL DUCTWORK INCREASER/REDUCER
	TYPICAL ROUND DUCT BELLMOUTH TAKEOFF ADAPTER WITH VOLUME DAMPER
	TYPICAL ROUND DUCT BELLMOUTH TAKEOFF ADAPTER
	TYPICAL RECTANGULAR TO RECTANGULAR TAKEOFF ADAPTER WITH VOLUME DAMPER AND EXTRACTOR
	TYPICAL ADJUSTABLE LOCKING QUADRANT VOLUME DAMPER
	MOTORIZED DAMPER
	WHEN PRINTED IN COLOR, SUPPLY DUCTWORK INDICATED BY BLUE COLOR. RETURN/TRANSFER DUCTWORK INDICATED BY RED COLOR AND EXHAUST DUCTWORK INDICATED BY GREEN COLOR. WHEN PRINTED IN GRAYSCALE, ALL DUCTWORK APPEARS THE SAME AND INDICATION OF DUCTWORK TYPE IS DETERMINED BY EQUIPMENT/GRILLES SERVED (SEE OTHER LEGENDS FOR MORE INFORMATION).
	RECTANGULAR DUCT WITH SIZE LISTED. THE "V" DENOTES RECTANGULAR DUCT. (THE FIRST NUMBER INDICATES DUCT WIDTH PARALLEL TO VIEW WHILE THE SECOND NUMBER INDICATES DEPTH PERPENDICULAR TO VIEW). SEE PLANS AND SPECIFICATIONS FOR DUCT CONSTRUCTION REQUIREMENTS.
	ROUND DUCT WITH SIZE LISTED. THE "R" DENOTES ROUND DUCT. SEE PLANS AND SPECIFICATIONS FOR DUCT CONSTRUCTION REQUIREMENTS.
	NEW REFRIGERANT SUCTION AND LIQUID PIPING
	AUTOMATIC HEATING/COOLING CHANGEOVER PROGRAMMABLE THERMOSTAT MOUNTED AT 48" AFF BEHIND CLEAR "BERKO" LOCKING TAMPER RESISTANT COVER
	HIGH HUMIDITY SENSOR MOUNTED AT 84" AFF BEHIND WHITE "KENALL" TAMPER PROOF COVER
	KITCHEN HOOD FIRE SUPPRESSION SYSTEM MANUAL PULL STATION MOUNTED AT 48" AFF.
	TYPICAL AIR FOIL TURNING VANES
	POINT OF CONNECTION TO EXISTING
	SUPPLY AIR
	RETURN AIR
	EXHAUST AIR
	TRANSFER AIR
	SPLITTER DAMPER

**GENERAL HVAC NOTES:**

- THESE DRAWINGS ARE SCHEMATIC IN NATURE AND ARE NOT INTENDED TO SHOW ALL POSSIBLE CONDITIONS. IT IS INTENDED THAT THE SPECIFIED HVAC SYSTEM BE PROVIDED COMPLETE WITH ALL NECESSARY EQUIPMENT, APPURTENANCES, AND CONTROLS AND COMPLETELY COORDINATED WITH ALL OTHER CRAFTS AND DISCIPLINES. ALL PARAMETERS GIVEN IN THESE DOCUMENTS SHALL BE IN STRICT CONFORMANCE. ANY ADDITIONAL MATERIALS AND/OR LABOR REQUIRED TO CONFORM WITH ALL APPLICABLE CODES, STANDARDS, AND THESE CONTRACT DOCUMENTS, SHALL BE PROVIDED COMPLETE AND WITHOUT ADDITIONAL COST TO THE CONTRACT.
- THE LOCATION OF ALL AIR DISTRIBUTION DEVICES TO BE COORDINATED WITH THE ARCHITECTURAL REFLECTED CEILING PLANS. COORDINATE LOCATION OF DUCTWORK IN ALL AREAS TO MATCH CEILING GRID/LIGHT FIXTURES WHILE MAXIMIZING CEILING HEIGHT SCHEDULED ON ARCHITECTURAL PLANS.
- THESE DRAWINGS INDICATE THE MOST KNOWN REQUIREMENTS FOR DUCT PENETRATIONS OF FIRE, SMOKE, AND FIRE/SMOKE WALLS AND CEILINGS. PROVIDE THE APPROPRIATE U.L. APPROVED DUCT DAMPER AND ACCESS DOOR FOR EACH REQUIRED INSTALLATION. REVIEW ARCHITECTS DRAWINGS AND PROVIDE FIRE AND/OR SMOKE DAMPERS, WITH DUCT ACCESS DOORS, IN ALL RATED WALLS AT APPROPRIATE DUCTWORK PENETRATIONS.
- COORDINATE LOCATION OF ALL OUTDOOR AIR INTAKES FOR HVAC SYSTEMS AND MAINTAIN MINIMUM 15'-0" DISTANCE TO FLUES, VENTS, EXHAUST/FANS, ETC.
- SIDEWALL AND DRYWALL CONSTRUCTION AIR DISTRIBUTION DEVICES MOUNTINGS IN SAME ROOM SHALL BE UNIFORM AND SYMMETRICAL AS APPROVED BY ARCHITECT.
- WALL LOUVERS AND BRICK VENTS TO BE OF ALUMINUM CONSTRUCTION AND HAVE FACTORY COLORED FINISH. THE COLOR TO BE SELECTED BY THE ARCHITECT.
- COORDINATE WEIGHTS OF HVAC EQUIPMENT, KITCHEN HOODS, ROOF FANS, ETC. WITH ALL TRADES. PROVIDE ALL AUXILIARY SUPPORT STEEL TO SUPPORT ALL EQUIPMENT AND PROVIDE BLOCKING AND SUPPORT FOR SAME. INDICATE ALL SUCH PENETRATIONS AND WEIGHTS ON SHOP DRAWING SUBMITTALS. ALL ROOF, EXTERIOR WALL, AND ROOF EQUIPMENT AND LOUVERS SHALL INCLUDE AUXILIARY SUPPORT STEEL FRAMING AROUND PERIMETER OF ALL OPENINGS. PRIME AND PAINT ALL AUXILIARY STEEL MEMBERS UTILIZED EVERYWHERE IN THIS PROJECT.
- IT IS ESSENTIAL THAT ALL EXTERIOR WALL DEVICES (FANS, CAPS, BRICK VENTS, ETC.) BE INSTALLED SYMMETRICALLY AND PER ARCHITECT'S PLANS. VERIFY INSTALLATION REQUIREMENTS WITH ARCHITECT IN ALL CASES.
- DUCTWORK AND OTHER MECHANICAL OPENINGS THROUGH MASONRY WALLS SHALL BE REINFORCED/SUPPORTED AS DETAILED ON STRUCTURAL DRAWINGS. COORDINATE THE LOCATIONS AND SIZES OF THESE PENETRATIONS MAKING ALLOWANCES FOR INSULATION, FIRE DAMPERS, PIPING SLEEVES, ETC.
- DUCTWORK EXPOSED OUTSIDE (TO WEATHER) SHALL BE COMPREHENSIVELY SEALED AIRTIGHT, INCLUDING ALL CONNECTIONS AND CIRCUMFERENTIAL AND LONGITUDINAL SEAMS, ETC. A RECOMMENDED SEALANT SYSTEM, SUCH AS FOSTER DUCT-FAS DUCT SEALANT, SHALL BE APPLIED WITH FULL 100% COVERAGE OVER ALL DUCTWORK, GALVANIZED SUPPORTS, ETC. DUCTWORK SHALL BE SUITABLY SUPPORTED WITH HEEL AND WALL GALVALUME/GALVANIZED AUXILIARY SUPPORTS. ENTIRE INSTALLATION SHALL BE NEAT, INCLUDING SEALANT. ALL DUCTWORK SHALL BE ATTACHED TO HVAC UNIT CONNECTIONS WITH WEATHERPROOF FLEXIBLE CONNECTIONS. AFTER APPLICATION OF DUCT SEALANT, DUCTWORK AND AUXILIARY SUPPORTS SHALL BE NEATLY PRIMED AND PAINTED WITH WATER BASED PAINT (COLOR BY ARCHITECT).



CODE REVIEW	
DESIGN CODE	2018 INTERNATIONAL CODE COUNCIL (ICC)

DRAWING INDEX - HVAC	
Sheet Number	Sheet Name
MD100	OVERALL HVAC DEMOLITION PLAN
M100	OVERALL HVAC PLAN - KITCHEN
M110	ENLARGED HVAC PLAN - KITCHEN
M200	HVAC SCHEDULES
M300	HVAC DETAILS
M301	HVAC DETAILS

SPECIFIC HVAC DEMOLITION NOTES	
MD1	DEMOLISH EXISTING AIR CONDITIONING EQUIPMENT AS INDICATED.
MD2	REPLACE EXISTING AIR CONDITIONING EQUIPMENT WITH NEW IN SAME LOCATION.
MD3	DEMOLISH EXISTING AIR TERMINAL AND FLEXIBLE CONNECTIONS AS INDICATED.
MD4	DEMOLISH EXISTING EXHAUST FAN AS INDICATED.
MD5	DEMOLISH KITCHEN HOOD AS INDICATED.
MD6	DEMOLISH EXISTING RETURN AIR DUCTWORK AND GRILLE AS INDICATED.

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**PASCAGOULA-GAUTIER SCHOOL DISTRICT**

**GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)**

Revisions		
No.	Description	Date

PASCAGOULA-GAUTIER SCHOOL DISTRICT  
GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)

505 MAGNOLIA TREE DRIVE  
GAUTIER, MS 39553

**MD100**  
OVERALL HVAC DEMOLITION PLAN

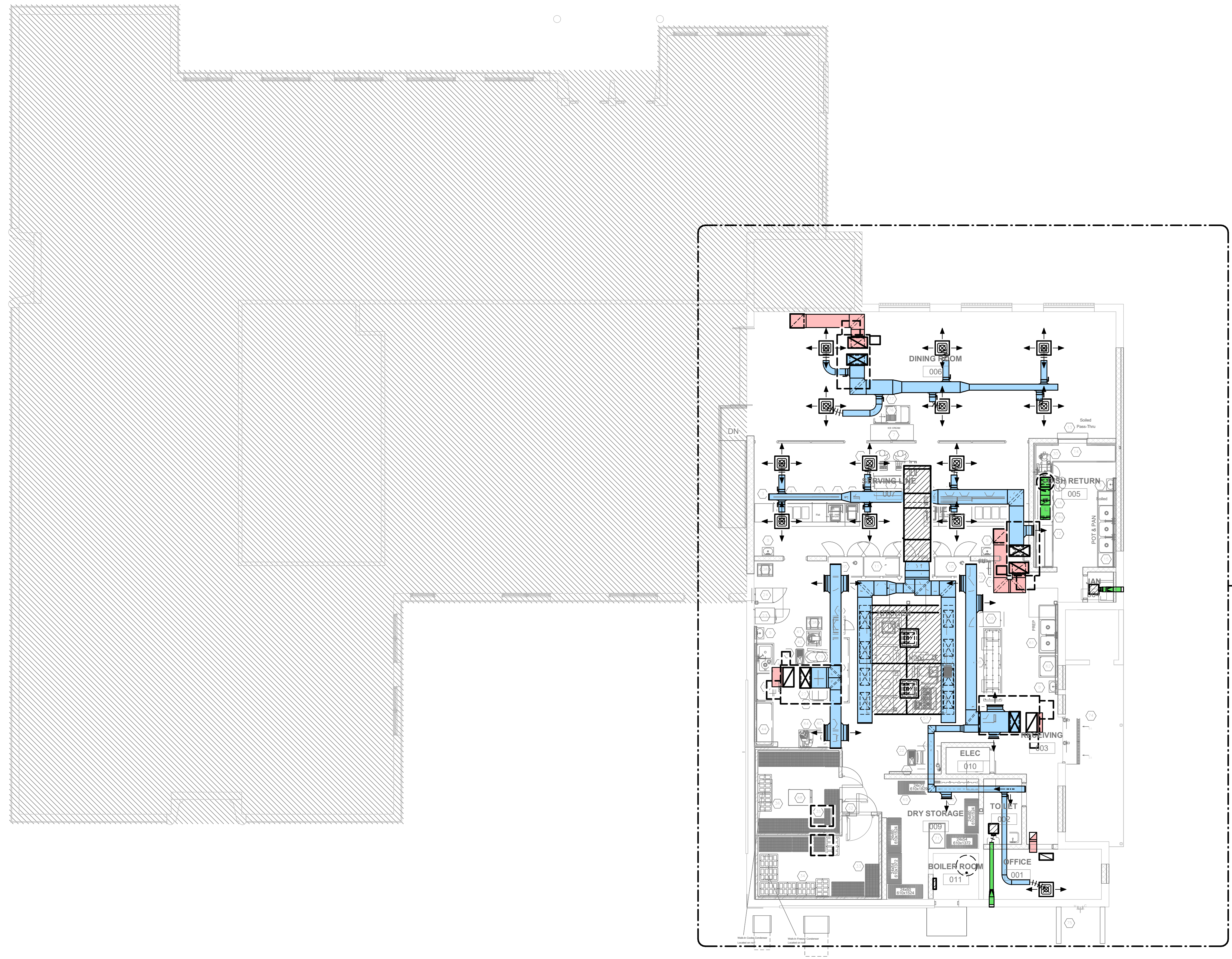
Drawn By	Checked By	Date
JS	KSJK	08/07/2023
Scale	Project Number	
1/8" = 1'-0"	22050.01	

**OVERALL HVAC DEMOLITION PLAN - KITCHEN**  
1/8" = 1'-0"

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## PASCAGOULA-GAUTIER SCHOOL DISTRICT GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)



**1**  
M100 / 1/8" = 1'-0"  
**OVERALL HVAC NEW WORK PLAN - KITCHEN**

Revisions		
No.	Description	Date

PASCAGOULA-GAUTIER SCHOOL DISTRICT  
GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)

505 MAGNOLIA TREE DRIVE  
GAUTIER, MS 39553

# M100

OVERALL HVAC PLAN - KITCHEN

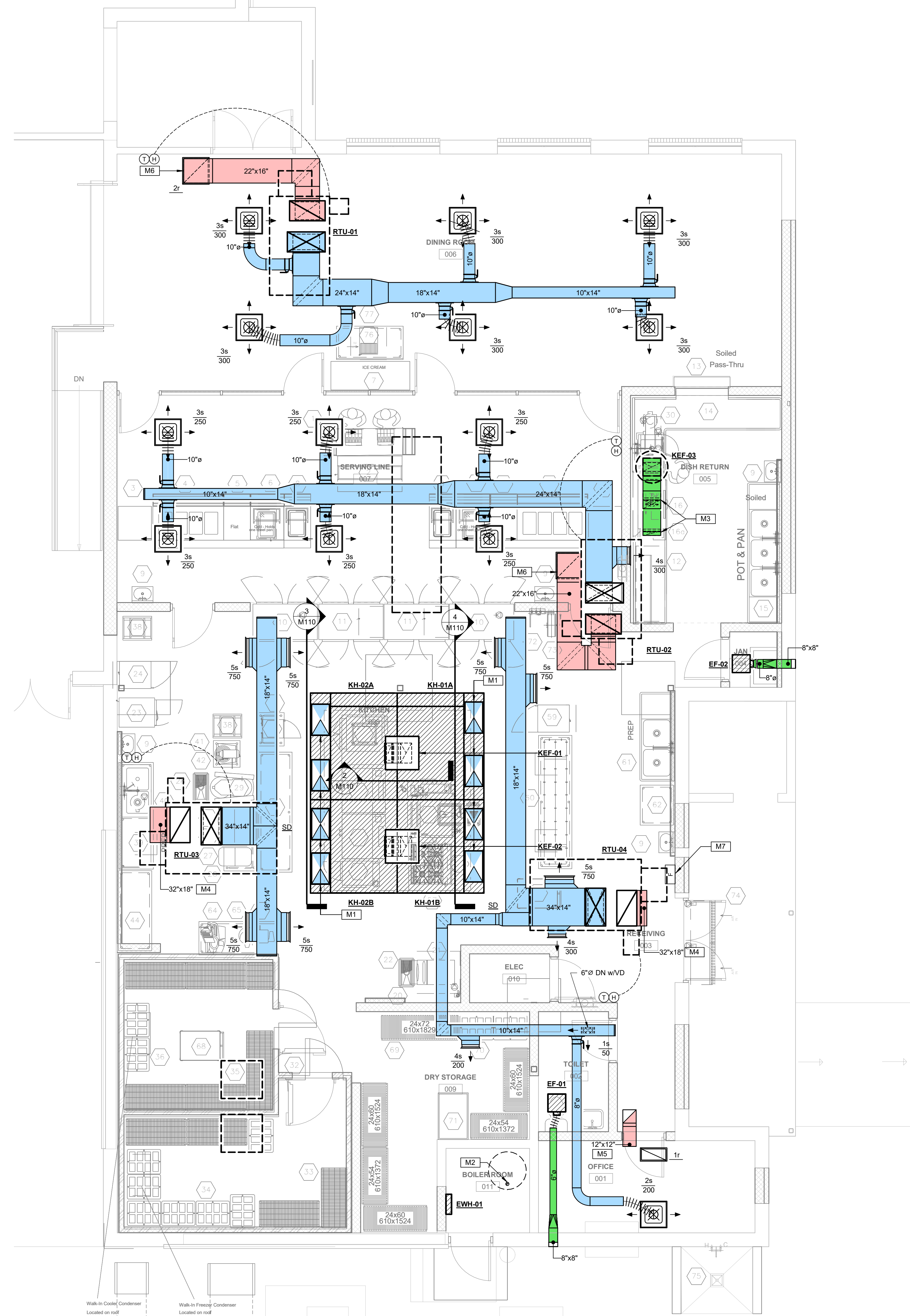
Drawn By	Checked By	Date
JS	KSJK	08/07/2023
Scale	Project Number	
1/8" = 1'-0"	22050.01	

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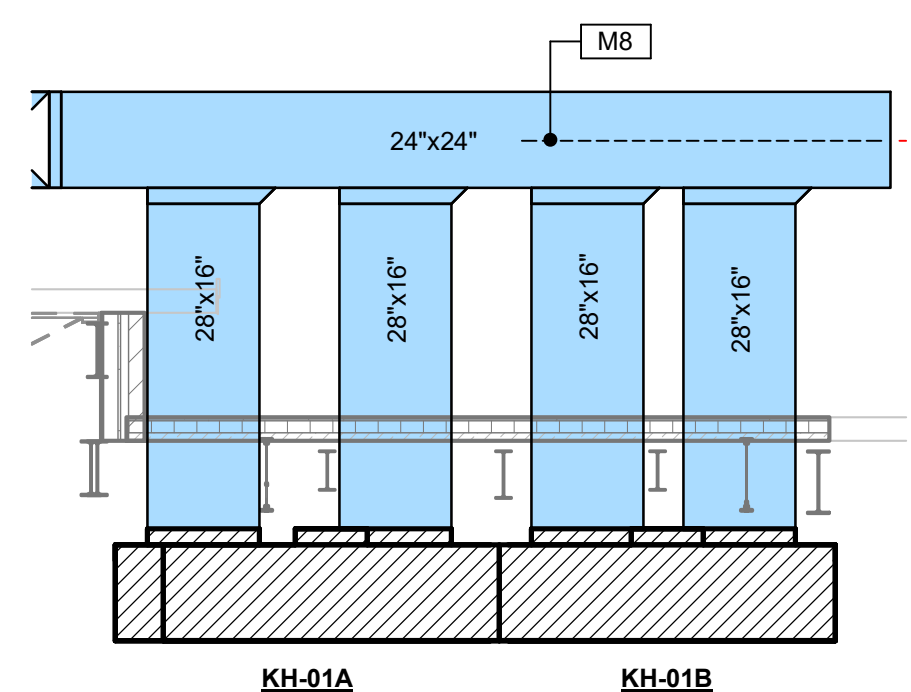
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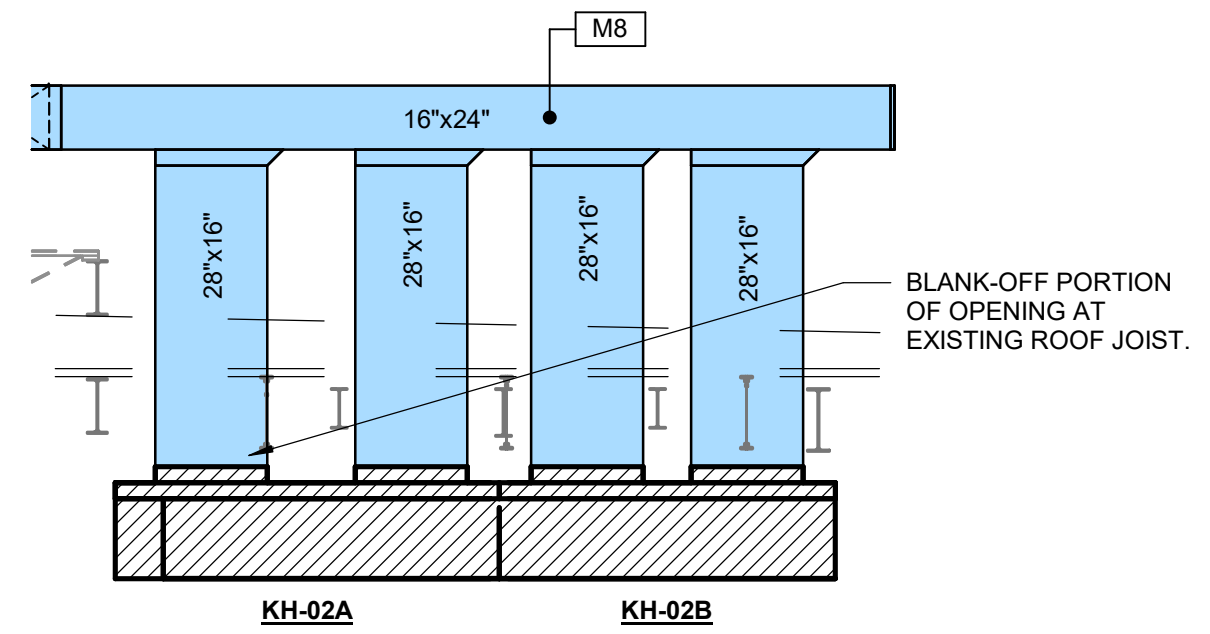
Foodservice Equipment Schedule					
Item No	Qty	Equipment Category	Item No	Qty	Equipment Category
1	1	Cashier Station, Double	39	1	Prep Table With Sinks
2	1	Milk Cooler - Existing Equipment	40	1	Disposer, Garbage
3	2	Mobile Utility Unit - Trays	41	1	Counter Mixer - Existing Equipment
4	2	Hot Food Unit	42	1	Equipment Stand - Existing Equipment
5	2	Mobile Utility Unit	43	1	Spare Number
6	2	Mobile Cold Unit	44	1	Work Table - Existing Equipment
7	1	Ice Cream Unit - Existing Equipment	45	1	Spare Number
8	2	Mobile Ambient Unit	46	1	Spare Number
9	5	Hand Sink - In Mechanical	47	1	Rotating Rack Oven, Gas - With Racks
10	2	Cabinet, Heated, Pass-Thru	48	1	Mobile Work Table - Existing Equipment
11	2	Refrigerator, Pass-Thru	49	1	Microwave - Existing Equipment
12	1	Clean Dishtable and Slanted Wall Shelf	50	1	Oven, Convection, Gas
13	1	Colling Shutter Door - In Architectural	51	1	Oven, Convection, Gas
14	1	Solled Table, Pass-Thru Landing, Sink	52	1	Steamer, Electric
15	1	Three-Compartment Sink	53	1	Floor Trough
16	1	Warewasher	54	1	Tilt Skillet, Gas
16a	1 set	Condensate Ducts	55	1	Range, Heavy Duty, Convection Oven, Gas
17	1	Condensate Exhaust Fan - In Mechanical	56	1	Spare Number
18	1	Spare Number	57	1	Vent Hood - In Mechanical Section
19	1	Spare Number	58	1	Spare Number
20	1	Filter System, Ice maker	59	1	Mobile Warming Cabinet - Existing Equipment
21	1	Ice Maker w/ Bin - Existing Equipment	60	1	Work Table with Pot Rack - Existing Equipment
22	1	Floor Trough	61	1	2-Compartment Sink - Existing Equipment
23	1	Reach-In Refrigerator - Existing Equipment	62	1	Work Table - Existing Equipment
24	1	Mobile Warming Cabinet - Existing Equipment	63	1	Spare Number
25	1	Work Table	64	1	Slicer - Existing Equipment
26	1	Baker's Table	65	1	Work Table - Existing Equipment
27	1	Ingredient Bin, 3	66	1	Food Chopper - Existing Equipment
28	1	Floor Trough	67	1	Spare Number
29	1	60 Qt. Mixer - Existing Equipment	68	2	Cart, Utility - Existing Equipment
30	1	Scrapmaster	69	1	Dry Storage Shelving
31	1	Spare Number	70	1	Dry Storage Dunnage Racks
32	1	Walk-In Cooler-Freezer	71	1	Rack, Can
33	1	Freezer Shelving	72	1	Reel Rinse, Control Box
34	1	Freezer Dunnage Racks	73	1	Hose Reel with Gun
35	1	Cooler Shelving	74	1	Air Curtain
36	1	Cooler Dunnage Racks	75	1	Utility Faucet - In Mechanical
37	1	Spare Number	76	1	Ice Maker - Ice/Water Dispenser
38	2	Rack, Pan - Existing Equipment	77	1	Table, Stainless Steel



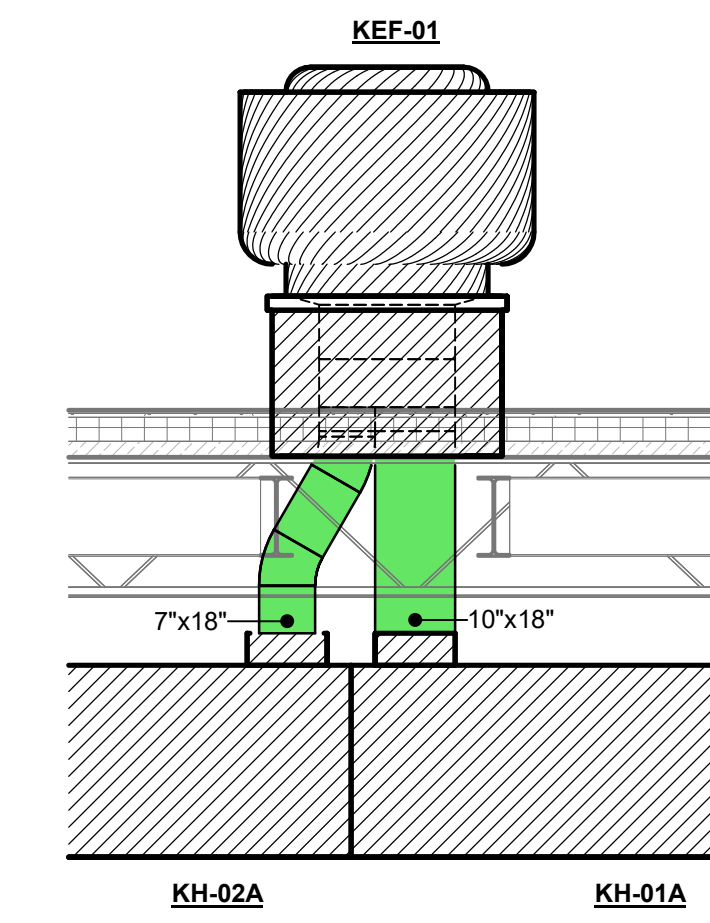
SPECIFIC HVAC NOTES	
M1	TYPICAL DUCTWORK ROUTED UP/DOWN THROUGH ROOF. SEE DETAIL.
M2	WATER HEATER INTAKE/VENT. SEE DETAIL.
M3	DISHWASHER DUCT CONNECTIONS TO BE 18"x4" EACH TO LOADING AND UNLOADING END OF DUCTWORK. COMBINED WITH PANTS LEG DUCTWORK ARRANGEMENT ROUTED FULL SIZE UP THROUGH ROOF TO DISHWASHER FAN. ALL DISHWASHER DUCTWORK TO BE CONSTRUCTED OF WELDED LIQUIDTIGHT STAINLESS STEEL MINIMUM 18 GA. SLOPE DUCTWORK BACK TO WASHER AS REQUIRED BY CODE. DUCTWORK INSTALLED BELOW CEILING SHALL HAVE A POLISHED FINISH WITH ALL WELDS GROUND SMOOTH. BALANCE CONNECTIONS FOR 200 CFM ON THE LOADING END AND 400 ON THE UNLOADING END. VERIFY WITH KITCHEN EQUIPMENT SHOP DRAWINGS.
M4	PROVIDE VANED INTERIOR ACOUSTICALLY LINED ELBOW ON R/A OUTLET OF UNIT. WITH 12" SQ. OPENING GALVANIZED HARDWARE CLOTH OVER OPENING.
M5	TYPICAL RETURN AIR TRANSFER ELBOW/DUCT MOUNTED ABOVE CEILING (SIZE AS INDICATED). SEE DETAIL.
M6	FULL NECK SIZE ACOUSTICALLY LINED PLENUM ATOP AIR DISTRIBUTION DEVICE.
M7	APPROXIMATE LOCATION OF MANUAL PULL STATION FOR KITCHEN HOOD FIRE PROTECTION SYSTEM.
M8	OUTDOOR DUCTWORK. SEE GENERAL HVAC NOTES FOR DETAILED REQUIREMENTS.



SECTION @ KH-01  
1/4" = 1'-0"



SECTION @ KH-02  
1/4" = 1'-0"



SECTION @ KEF-01  
1/2" = 1'-0"

ENLARGED HVAC PLAN - KITCHEN  
1/4" = 1'-0"

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PASCAGOULA-GAUTIER SCHOOL DISTRICT  
**GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)**

Revisions		
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PASCAGOULA-GAUTIER SCHOOL DISTRICT  
GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)

505 MAGNOLIA TREE DRIVE  
GAUTIER, MS 39553

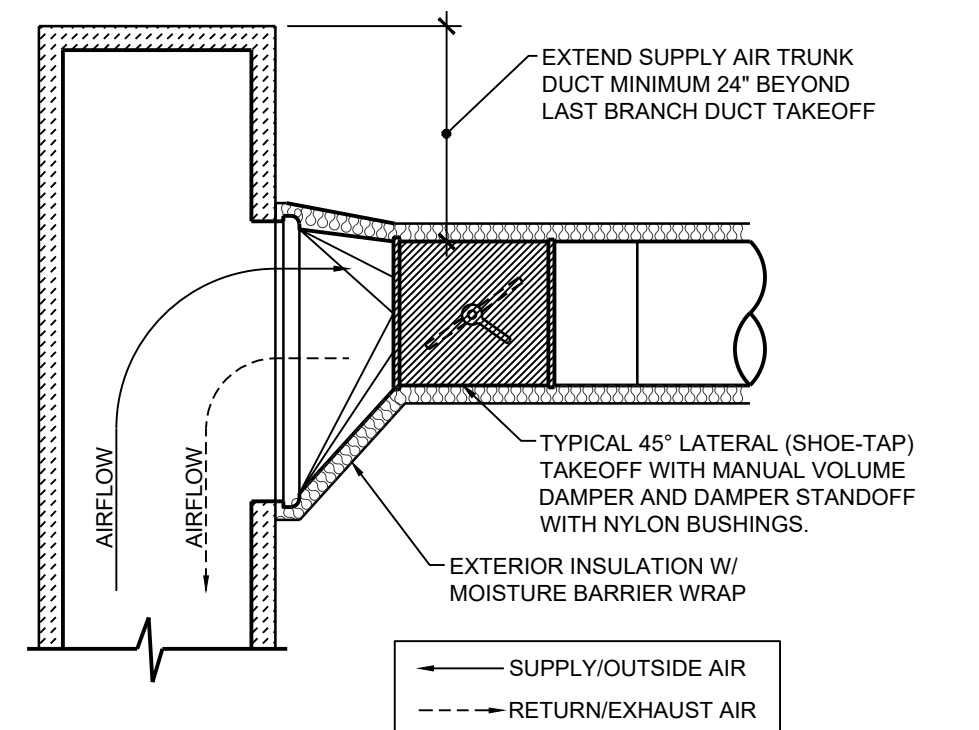
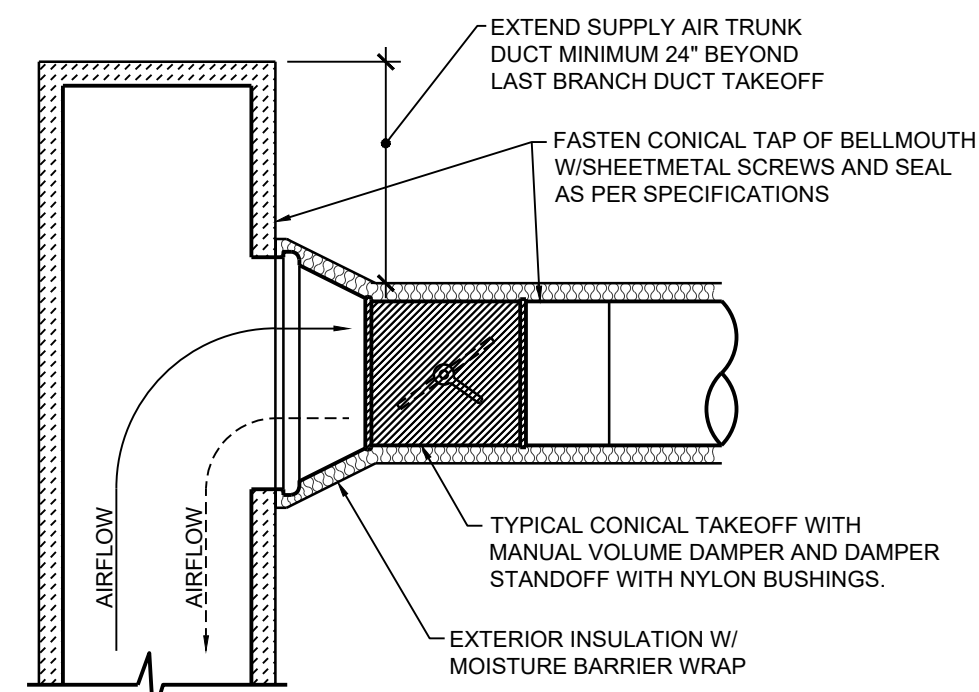
**M110**  
ENLARGED HVAC PLAN - KITCHEN

Drawn By	Checked By	Date
JS	KSJK	08/07/2023
Scale	Project Number	
As indicated	22050.01	

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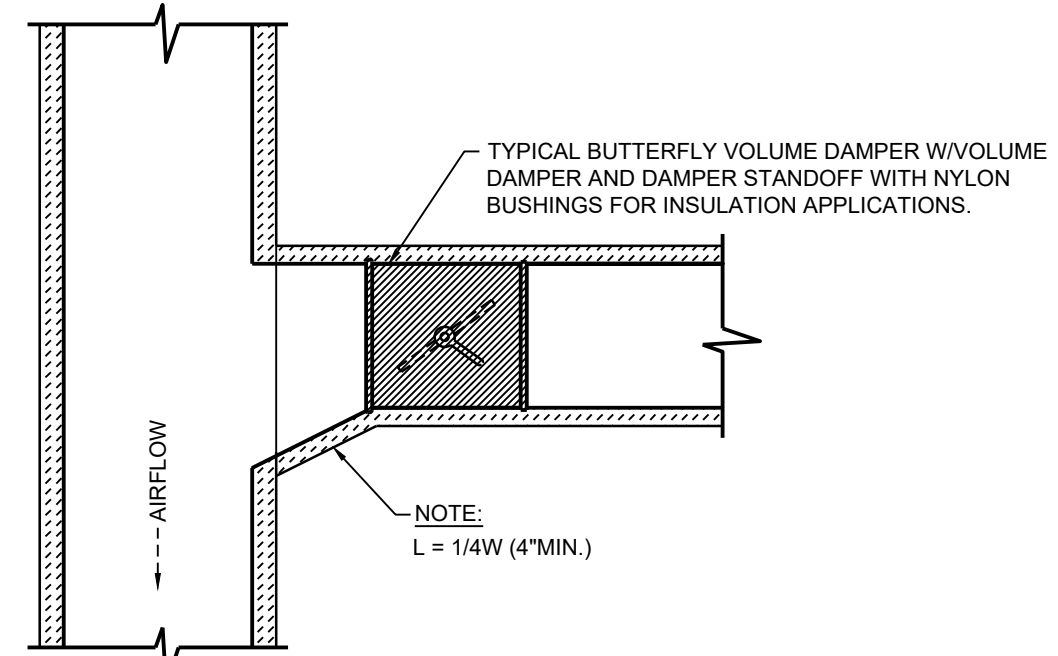
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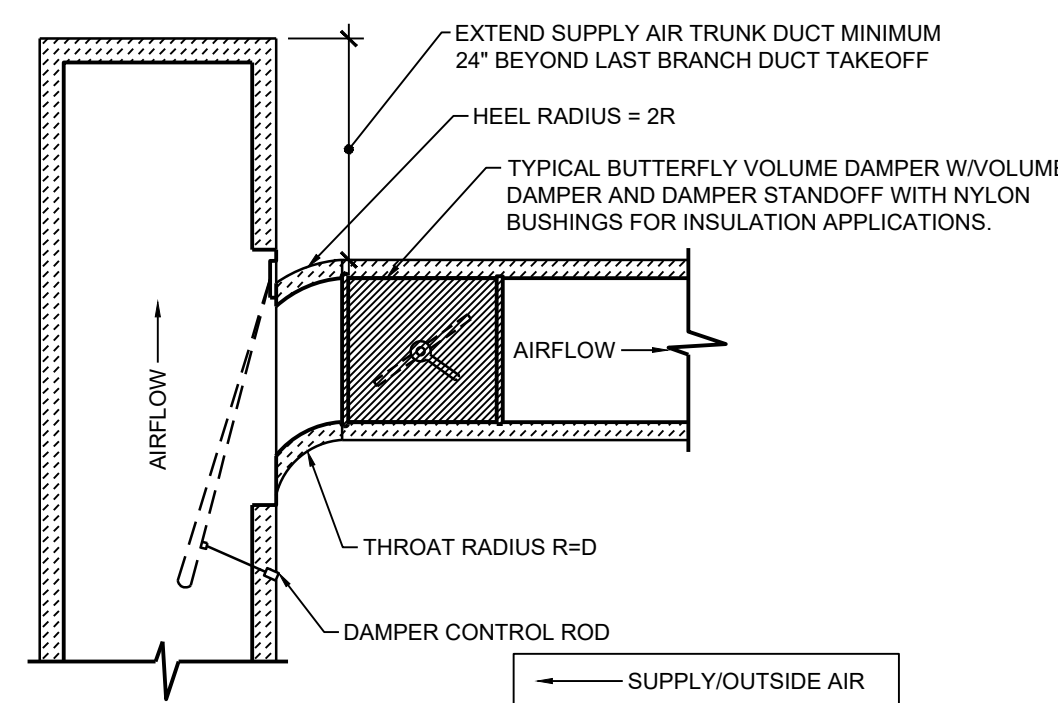


**TYPICAL LOW PRESSURE RECTANGULAR TO ROUND DUCT TAKEOFF DETAIL**  
N.T.S.

NOTE: TAKE-OFF FITTINGS SHALL BE FACTORY FABRICATED SPIN-IN TYPE. NO DOVETAIL FIELD JOINTS OR FITTINGS ARE ALLOWED.

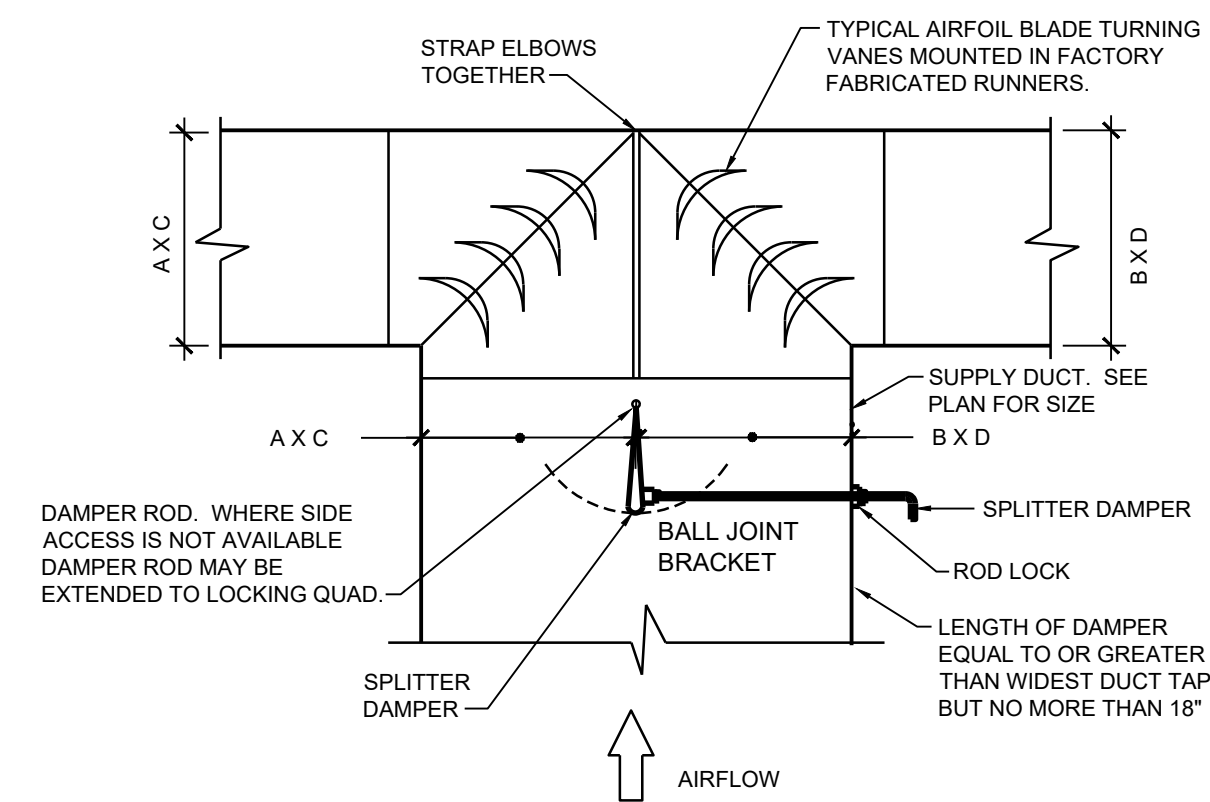


**EXHAUST / RETURN DUCT**

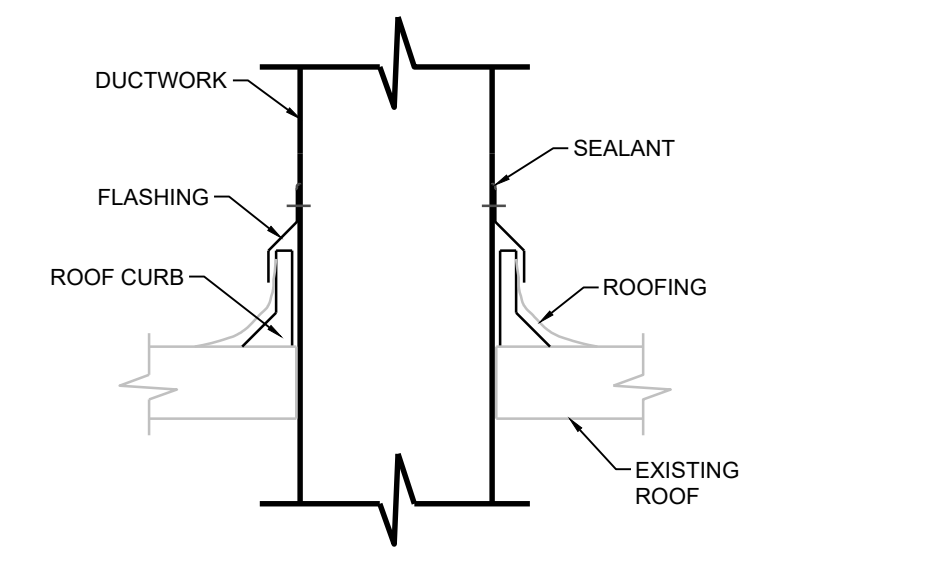


**TYPICAL LOW PRESSURE RECTANGULAR TO RECTANGULAR DUCT TAKEOFF DETAIL**  
N.T.S.

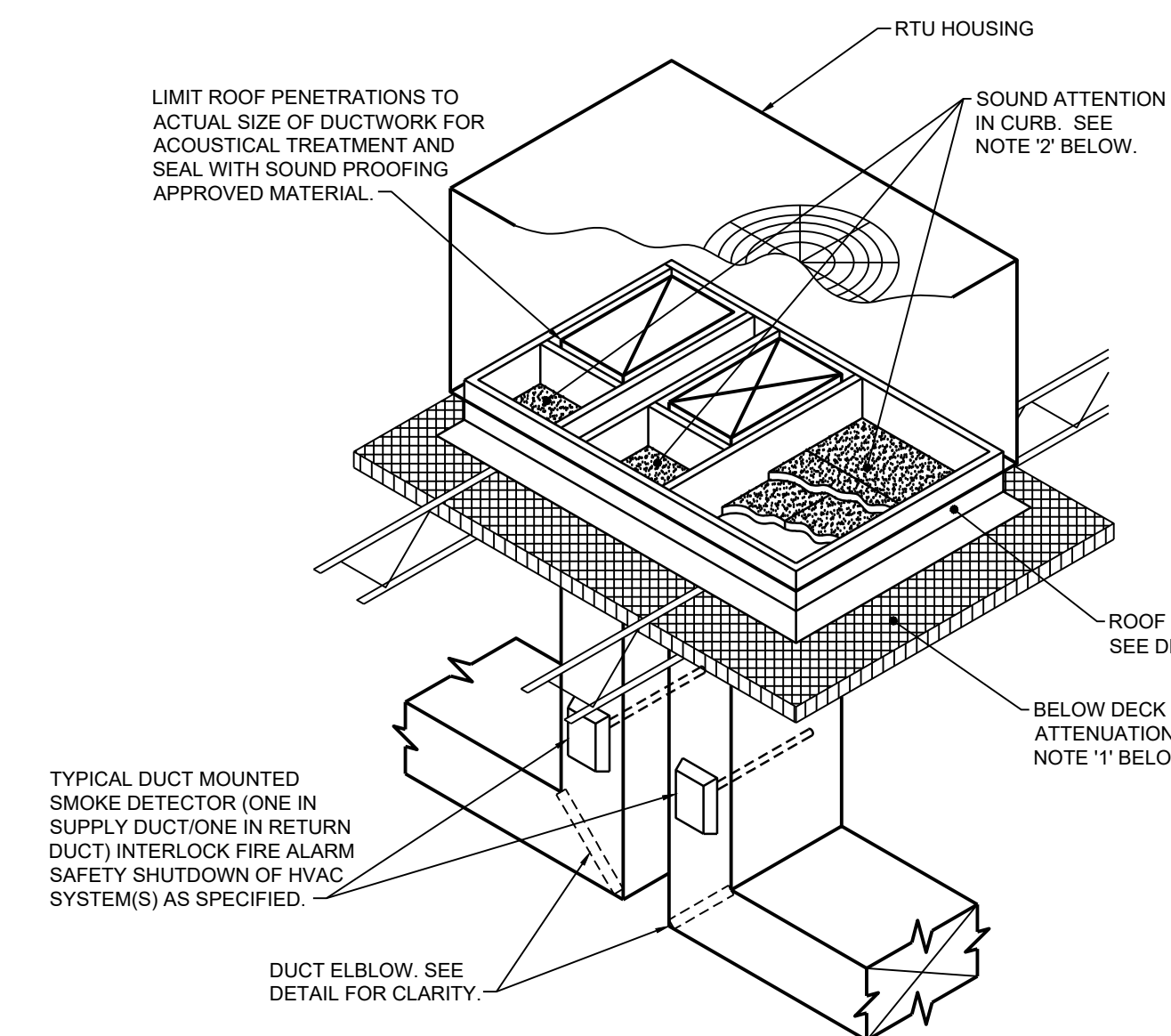
NOTE: TAKE-OFF FITTINGS SHALL BE FACTORY FABRICATED SPIN-IN TYPE. NO DOVETAIL FIELD JOINTS OR FITTINGS ARE ALLOWED.



**SPLITTER DAMPER DETAIL**  
N.T.S.



**DUCT ROOF CURB DETAIL**  
N.T.S.

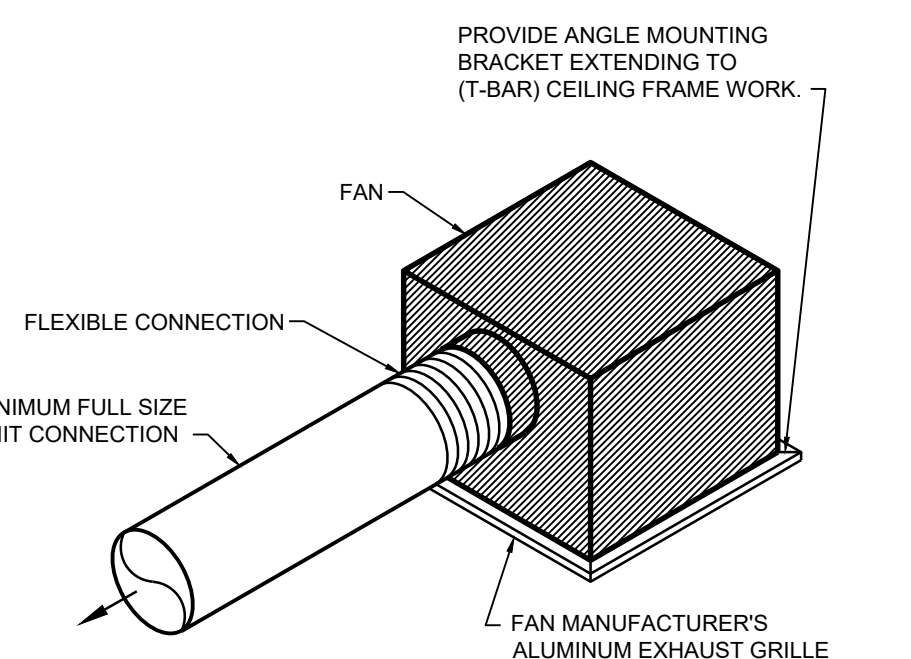


**TYPICAL ROOFTOP UNIT DETAIL**  
N.T.S.

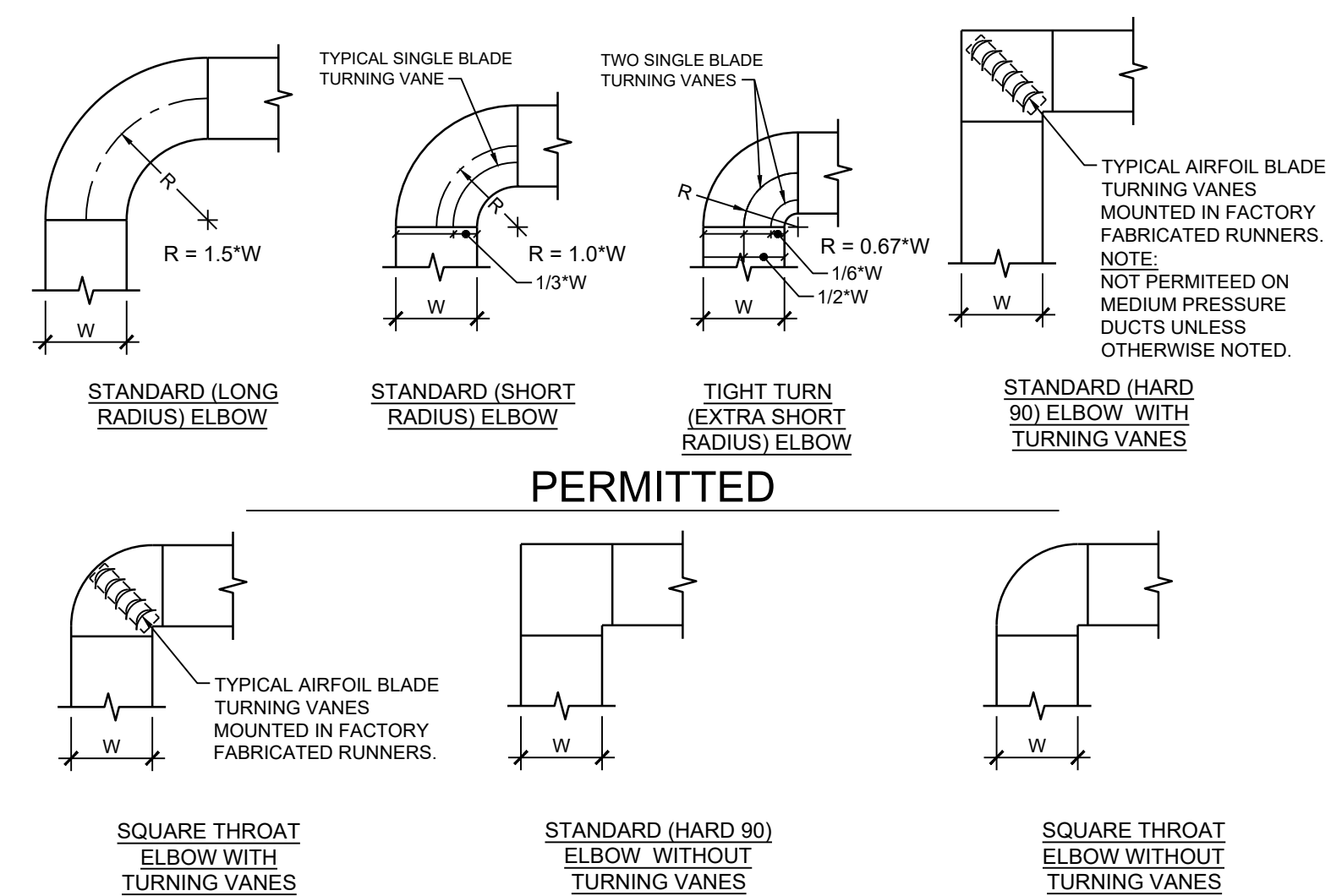
SOUND ATTENUATION NOTES:

- BELOW DECK SOUND ATTENUATION SHALL BE COMPRISED OF 2" THICK, 3 P.C.F. DENSITY GYPSUM BOARD MOUNTED TO THE UNDERSIDE OF ROOF DECK BELOW ALL NEW SYSTEMS. EXTEND MINIMUM 12" BEYOND ROOF CURB EXTENT AND TIGHT TO DUCTWORK OPENINGS AT ROOF PENETRATIONS. CUT DUCTBOARD TO FULLY COVER UNDERSIDE OF ROOF DECK AND AROUND STRUCTURE, ETC.
- SOUND ATTENUATION IN CURB SHALL BE COMPRISED OF TWO (2) LAYERS OF 1/2" THICK MOISTURE RESISTANT GYPSUM BOARD ABOVE ROOF DECK WITHIN CURB AREA PRIOR TO SETTING UNIT ON CURB. OVERLAP GYPSUM BOARD SO SEAMS DO NOT ALIGN. PROVIDE AN ADDITIONAL TWO (2) LAYERS OF 2" THICK ROOF DECK RIGID INSULATION ATOP GYPSUM BOARD. PROVIDE EXPANDING FOAM SEALANT BETWEEN CLOSE FITTING PENETRATIONS OF VERTICAL DUCTWORK AND DECK AND SOUND ATTENUATION PROVISION MATERIALS.

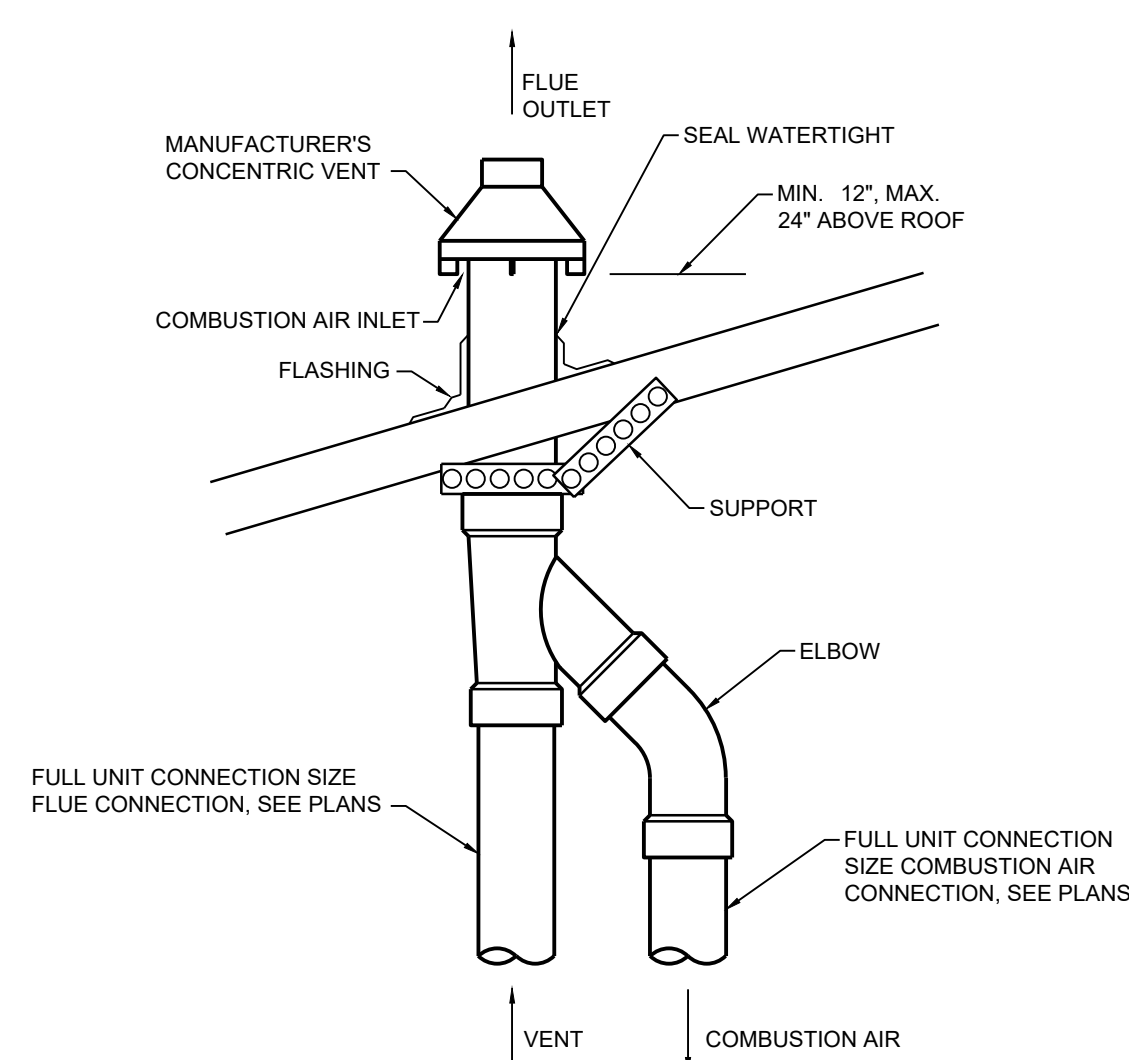
ALTERNATIVE SOUND TREATMENT: COMPOSITE SYSTEM EQUAL TO HUSHCORE MODEL DS-02 MAY BE UTILIZED IN LIEU OF GYPSUM BOARD.



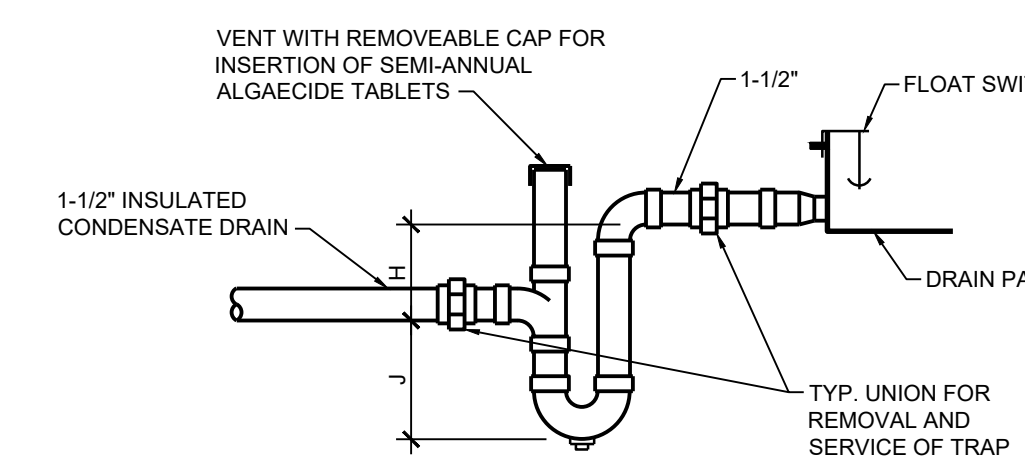
**CEILING MOUNTED EXHAUST FAN DETAIL**  
N.T.S.



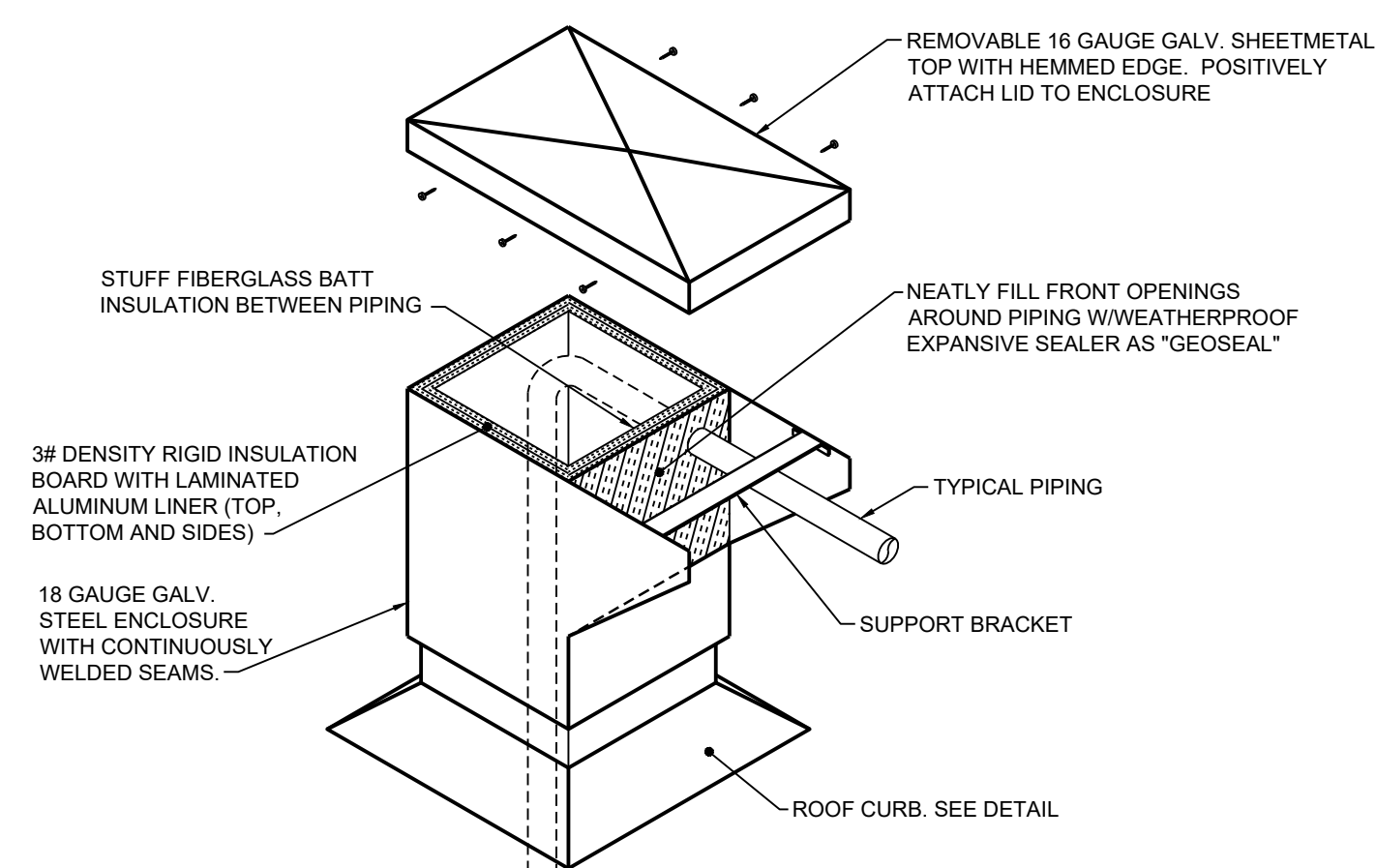
**RECTANGULAR DUCT ELBOW DETAIL**  
N.T.S.



**CONCENTRIC VENT ROOF INSTALLATION DETAIL**  
N.T.S.

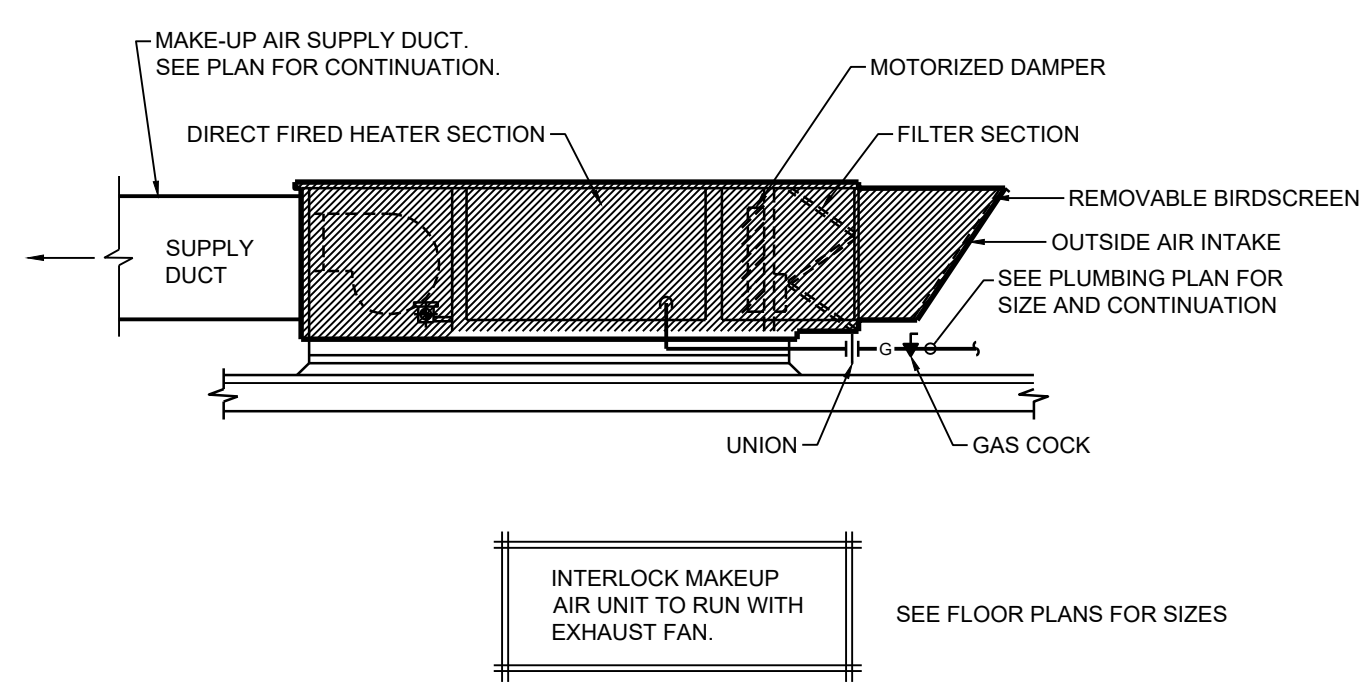


**DRAW THRU CONDENSATE DRAIN PIPING**  
N.T.S.

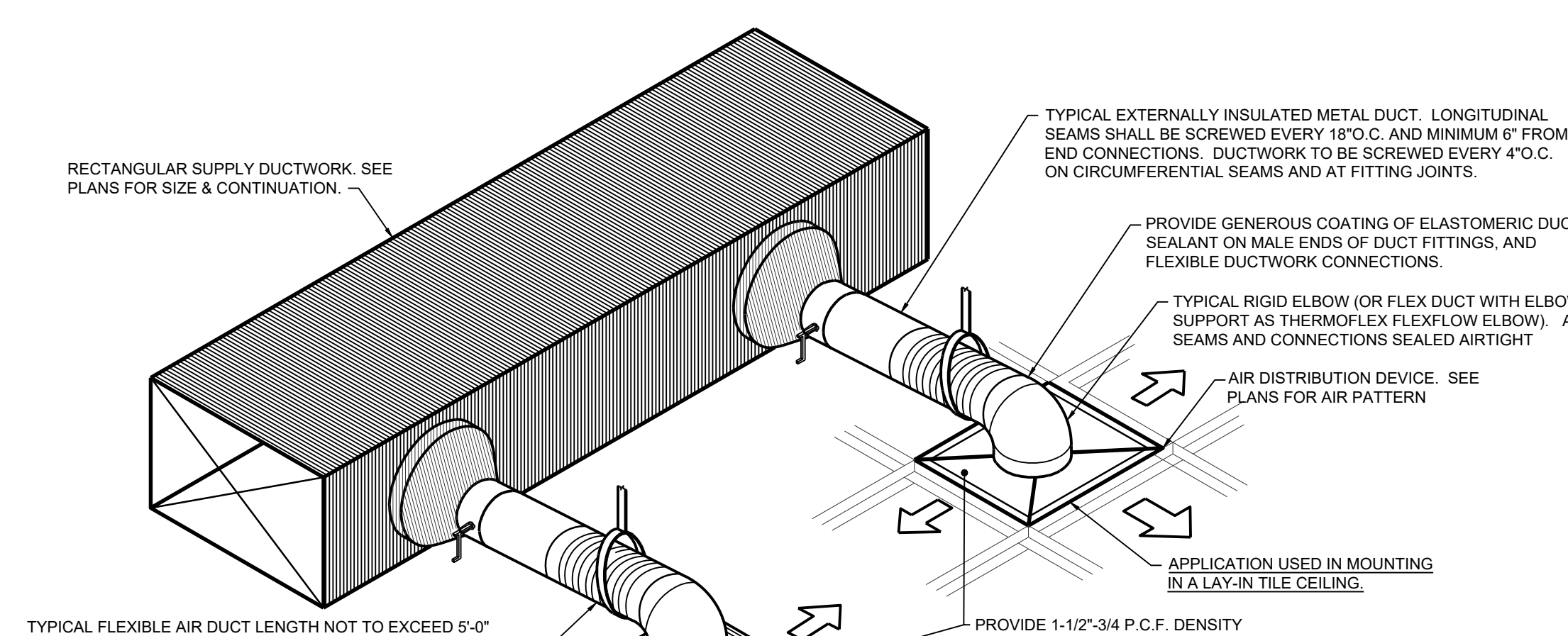


**PIPING ROOF PENETRATION CAP**  
N.T.S.

- NOTES:
- SINGLE-SIDED CAP INDICATED. DOUBLE-SIDED CAP SIMILAR.
  - ROOF PENETRATION CAP EQUAL TO KEES SERIES PF.



**MAKE-UP SUPPLY FAN DETAIL**  
N.T.S.



**ROUND NECK DIFFUSER DETAIL**  
N.T.S.

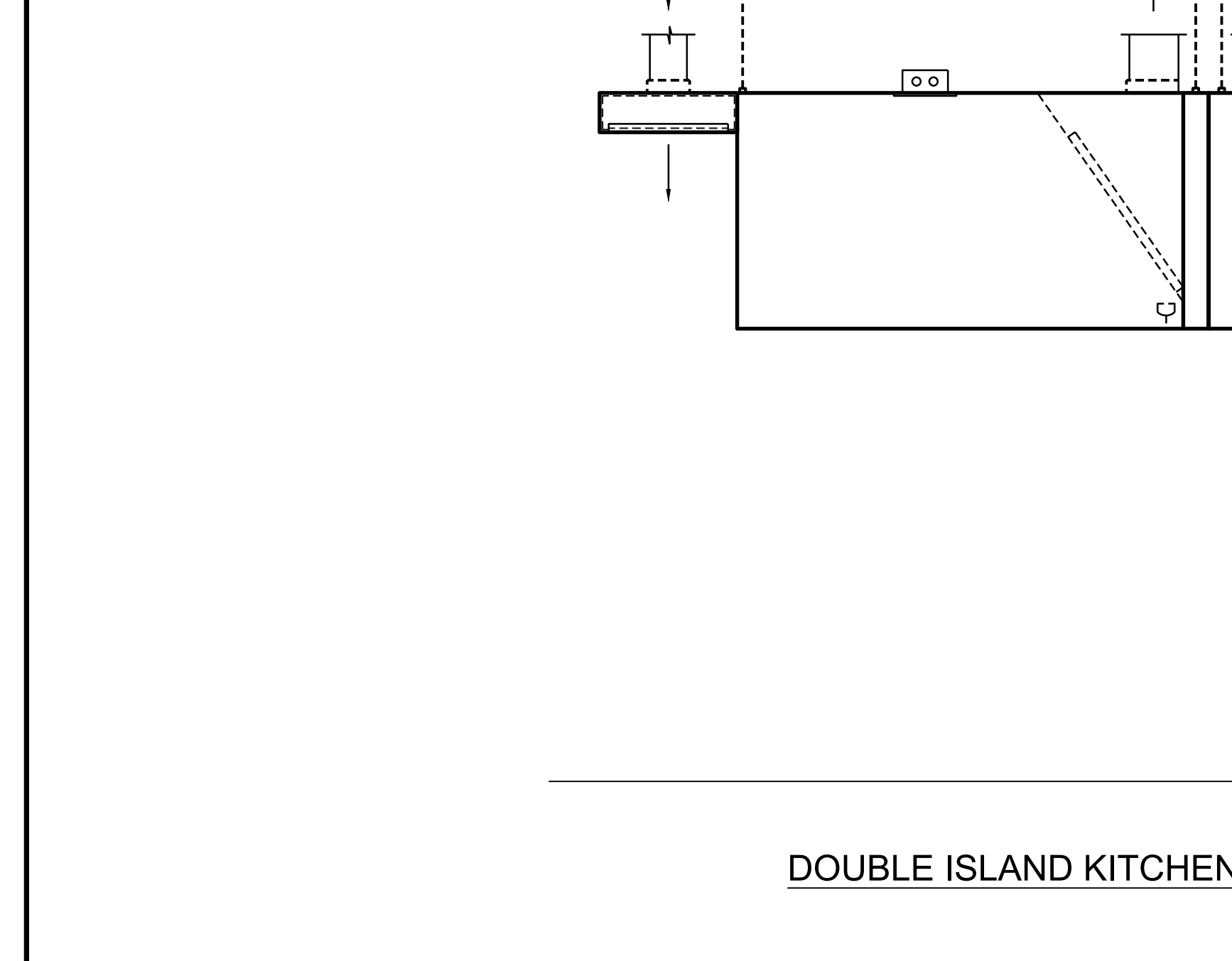
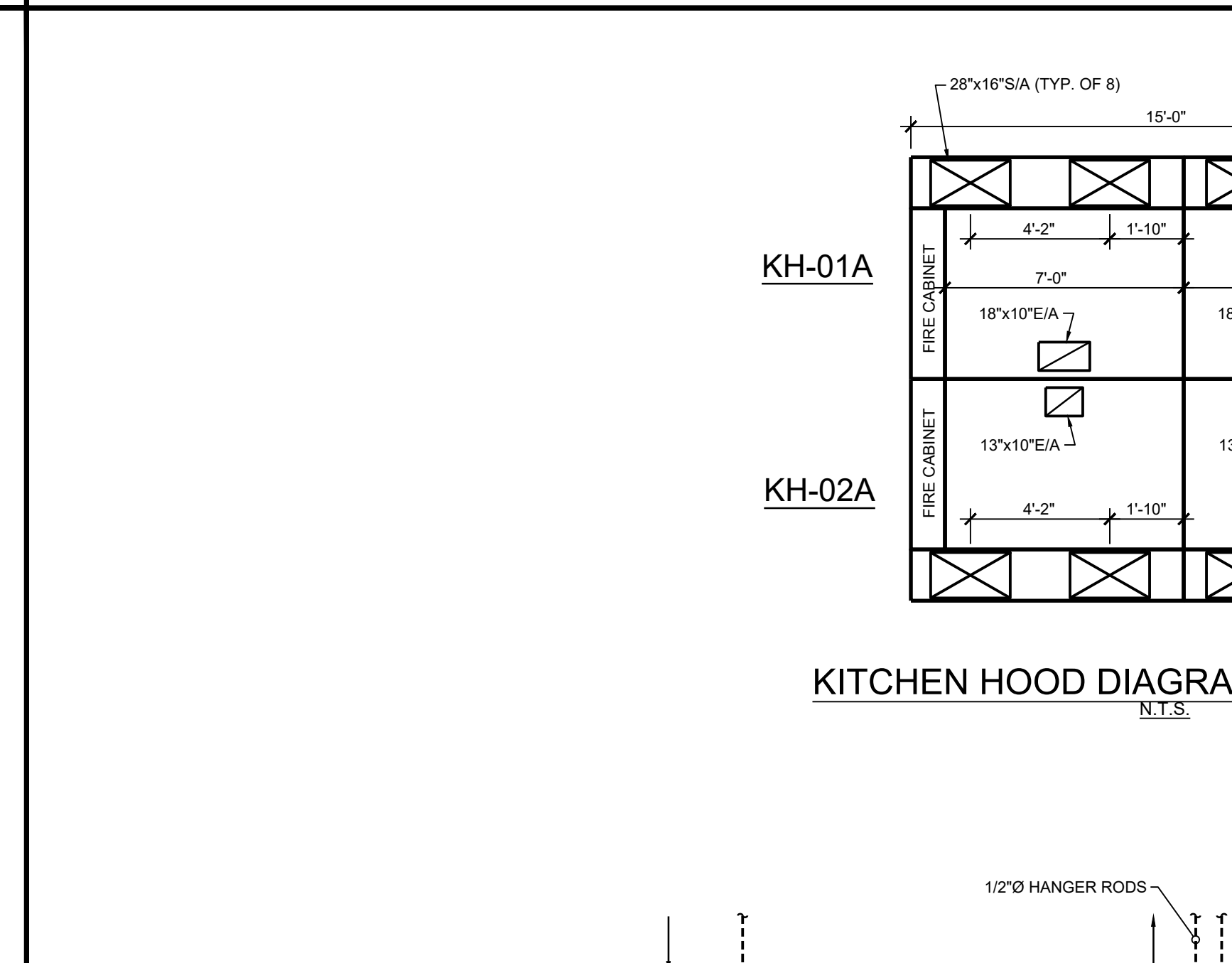
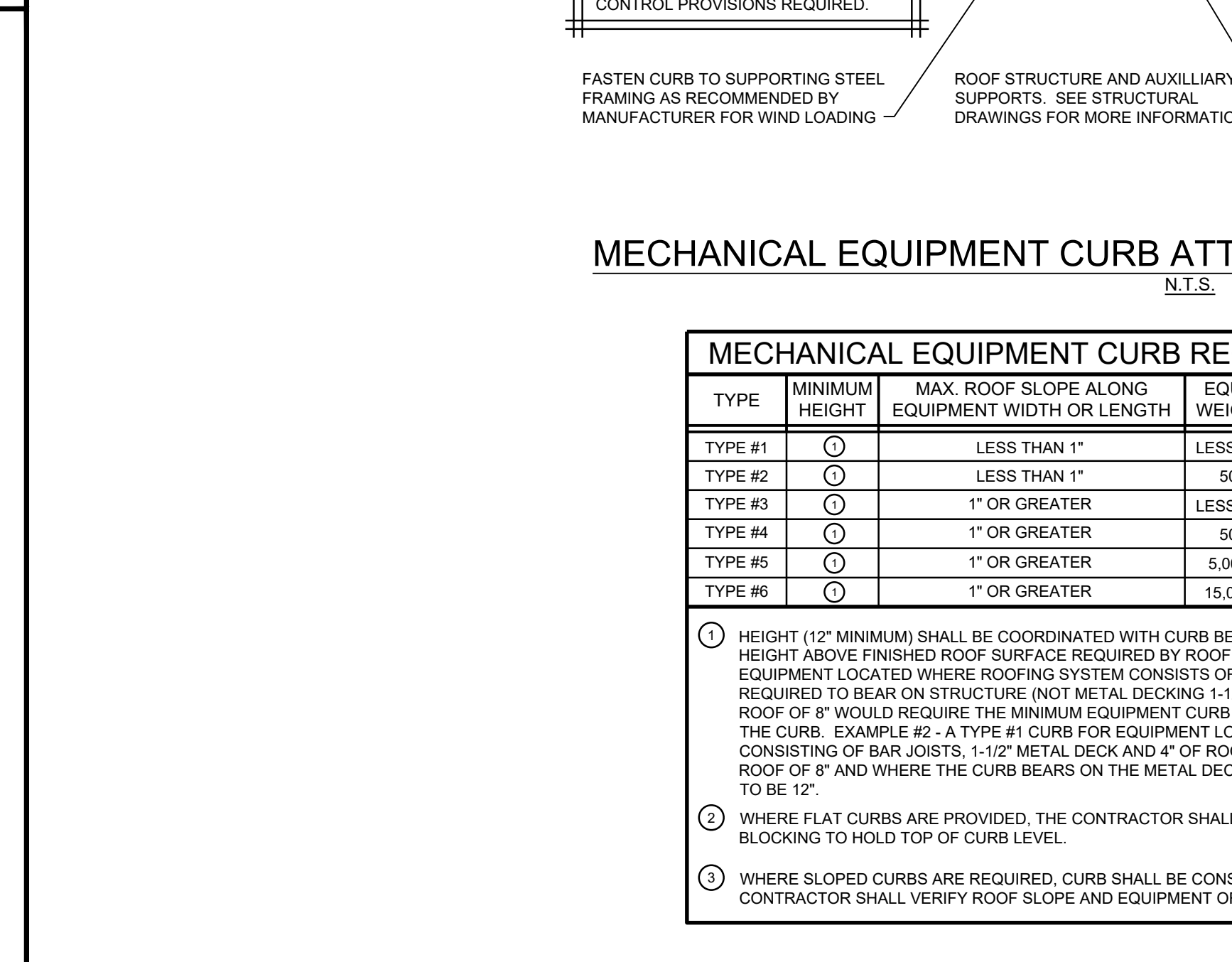
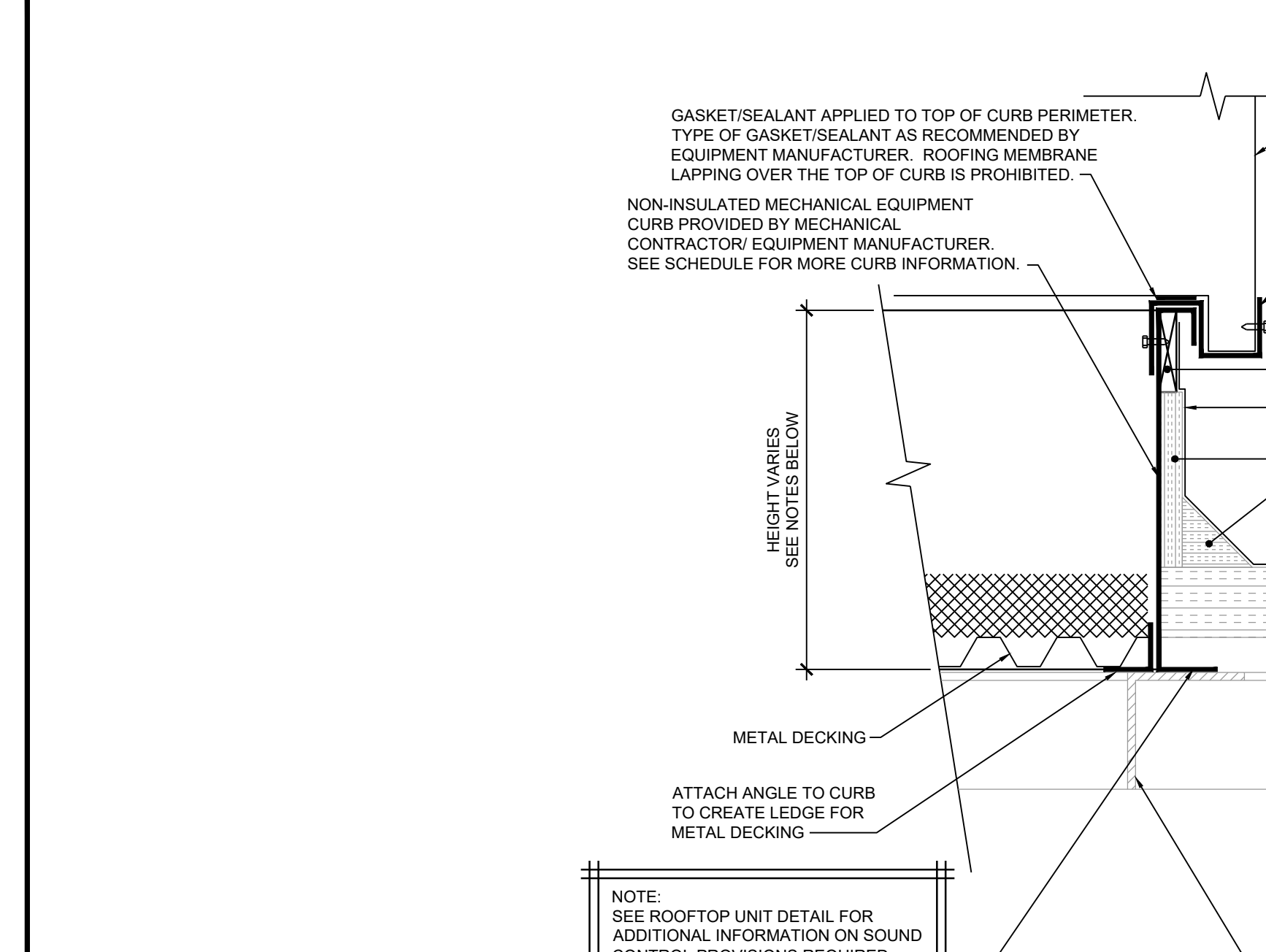
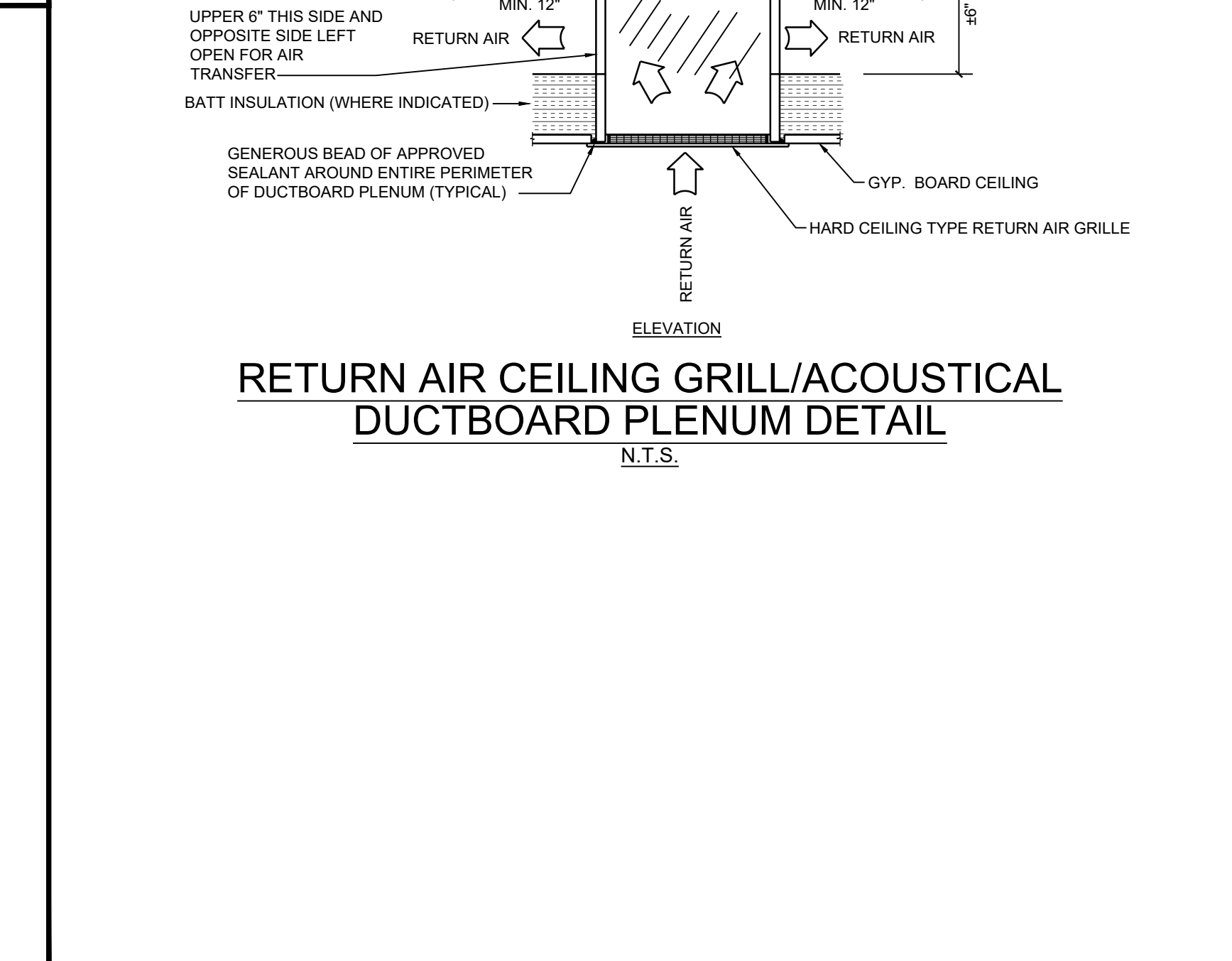
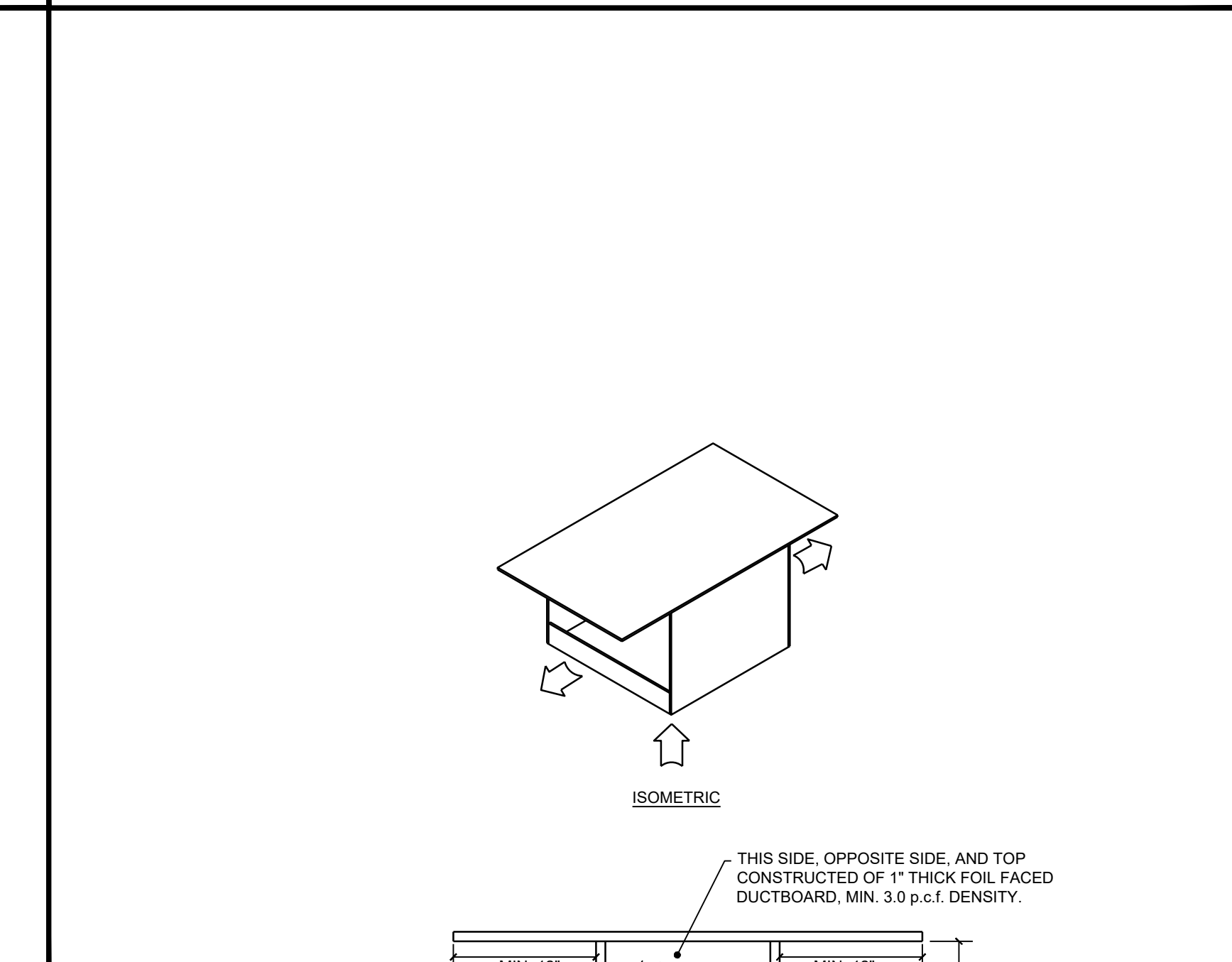
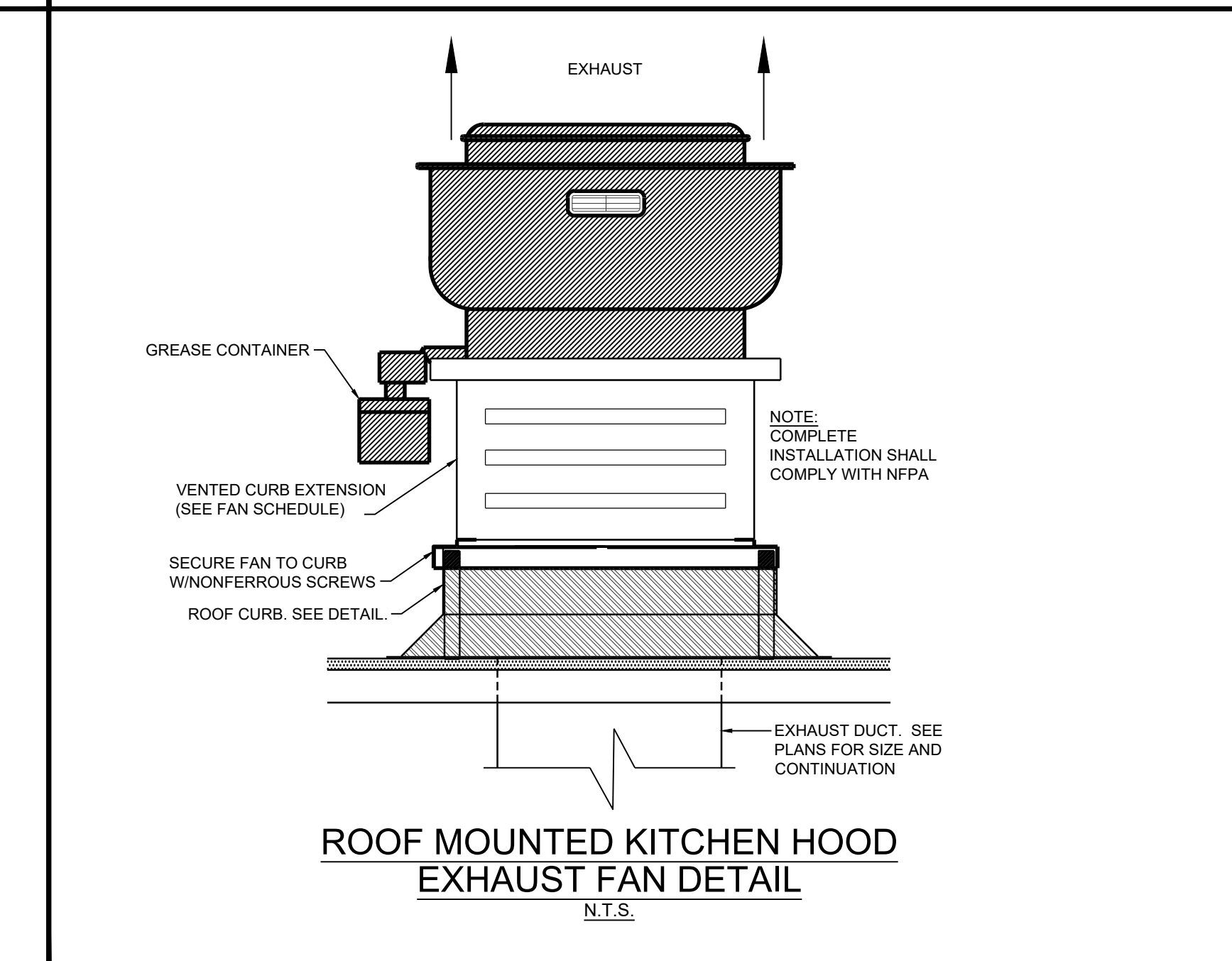
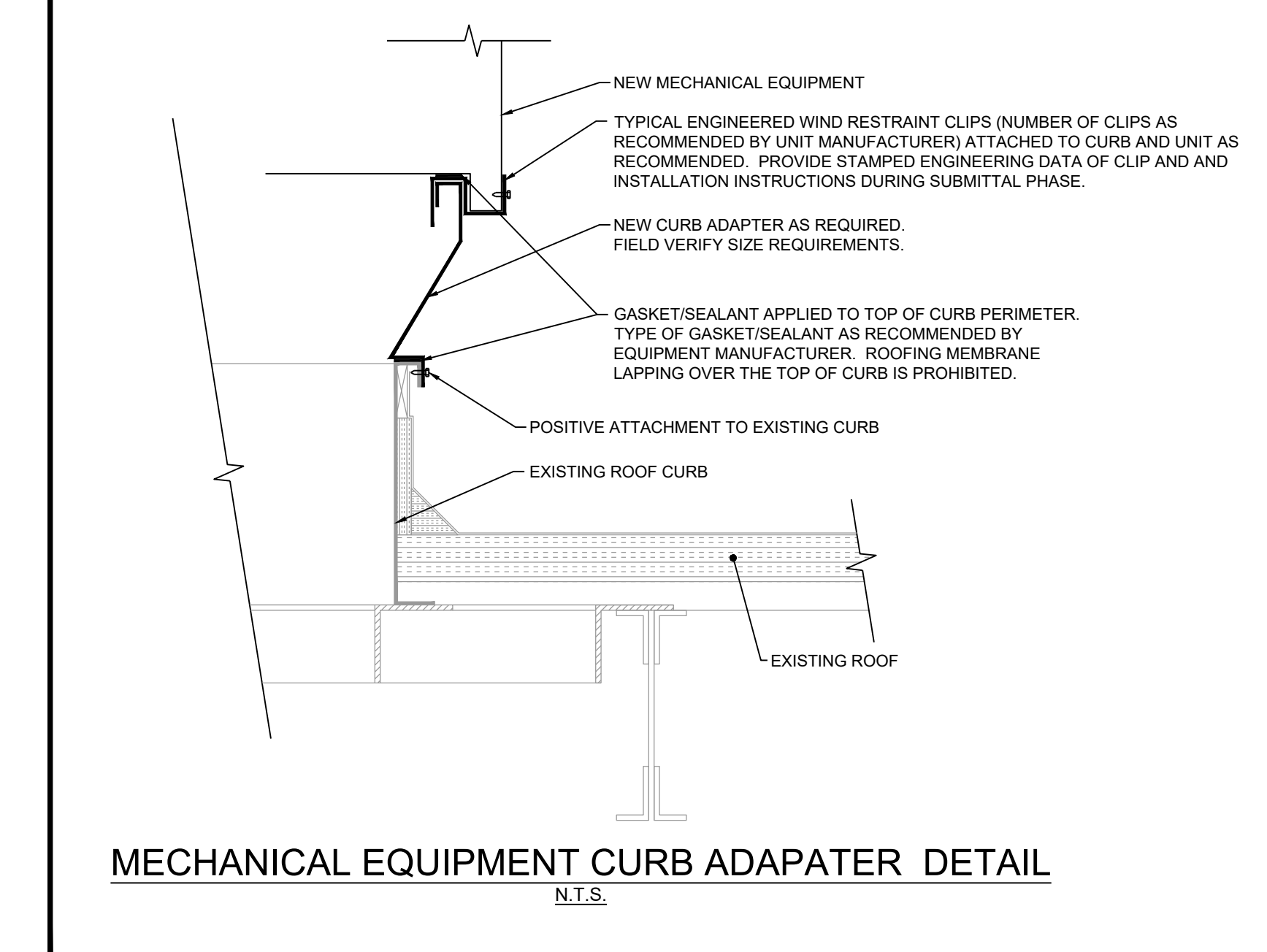
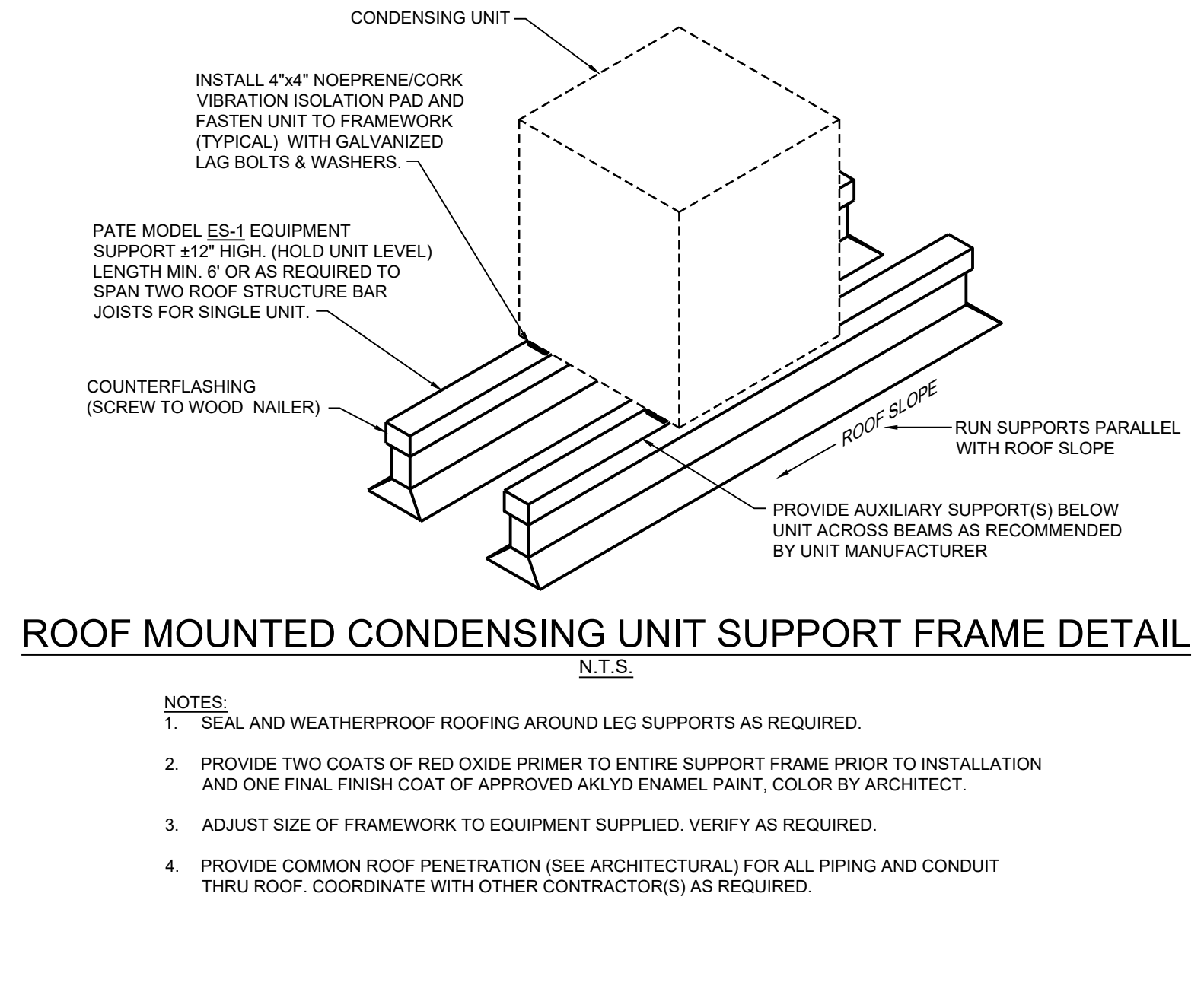
Revisions		
No.	Description	Date

PASCAGOULA-GAUTIER SCHOOL DISTRICT  
GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)

505 MAGNOLIA TREE DRIVE  
GAUTIER, MS 39553

**M300**  
HVAC DETAILS

Scale: As Indicated  
Project Number: 22050.01



PASCAGOULA-GAUTIER SCHOOL DISTRICT

**GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)**

Revisions		
No.	Description	Date

PASCAGOULA-GAUTIER SCHOOL DISTRICT  
GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)

505 MAGNOLIA TREE DRIVE  
GAUTIER, MS 39553

**M301**  
HVAC DETAILS

Drawn By: JS  
Checked By: KS/JK  
Date: 08/07/2023

Scale: As Indicated  
Project Number: 22050.01



Table with 3 columns: CEILING, WALL, DESCRIPTION. Contains symbols for LED fluorescent and emergency battery pack fixtures.

Table with 2 columns: WIRING SYMBOLS, DESCRIPTION. Contains symbols for concealed and exposed wiring, underground work, and ground connections.

Table with 2 columns: ONE-LINE SYMBOLS, DESCRIPTION. Contains symbols for meter enclosure, circuit breaker, fuse, transformer, and panelboard.

Table with 2 columns: GENERAL NOTES, DESCRIPTION. Contains 25 numbered notes regarding electrical room doors, equipment mounting, and safety requirements.

Table with 3 columns: FLOOR, WALL, CEIL, COUNTR, DESCRIPTION. Contains symbols for duplex outlets, panelboards, disconnect switches, and motors.

Table with 2 columns: REFERENCE SYMBOLS, DESCRIPTION. Contains symbols for specific note references, feeder references, and detail/section references.

Table with 2 columns: LIGHTING CONTROL SYMBOLS, DESCRIPTION. Contains symbols for DP1 NPP16 dimmer, NWV PDT sensor, PP1 relay, and SW1 wall switch.

Table with 2 columns: GENERAL FIRE ALARM NOTES, DESCRIPTION. Contains 20 numbered notes regarding fire alarm system materials, programming, and detector requirements.

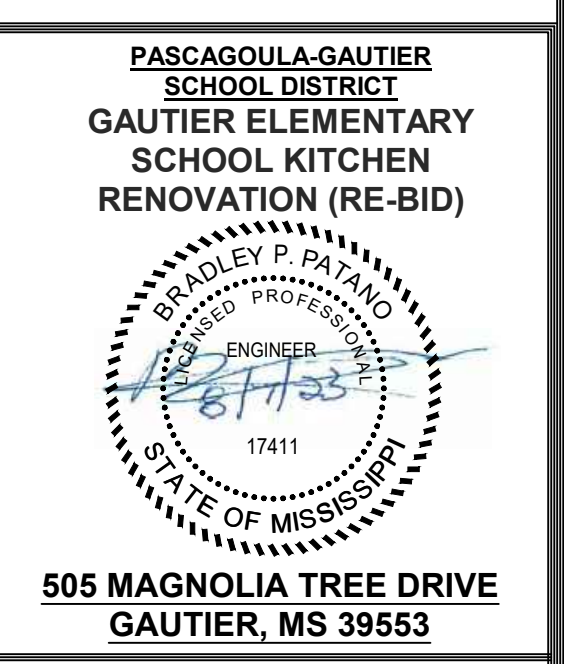
Table with 3 columns: FLOOR, WALL, CEIL, DESCRIPTION. Contains symbols for telephone outlets, combination data/telephone outlets, cable television outlets, fire alarm pull stations, and detectors.

Table with 2 columns: SPECIAL SYSTEMS, DESCRIPTION. Contains symbols for speaker, microphone outlet, volume control, magnetic door contact, glass break sensor, motion detector, security panel, keypad, projector, and speaker.

Table with 2 columns: LIGHTING CONTROL SYMBOLS, DESCRIPTION. Contains symbols for DP1 NPP16 dimmer, NWV PDT sensor, PP1 relay, SW1 wall switch, and CAT5e cable.

Table with 2 columns: GENERAL FIRE ALARM NOTES, DESCRIPTION. Contains 20 numbered notes regarding fire alarm system materials, programming, and detector requirements.

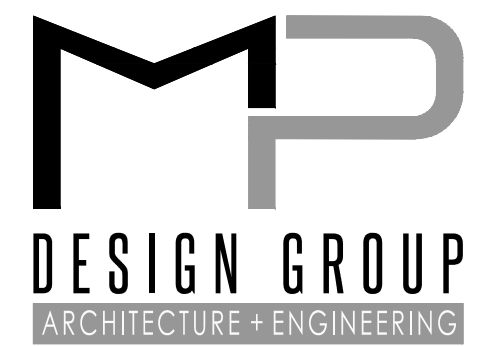
Table with 3 columns: No., Description, Date. Header for the Revisions section.



505 MAGNOLIA TREE DRIVE GAUTIER, MS 39553

E001 ELECTRICAL NOTES AND SYMBOL SCHEDULES

Table with 3 columns: Drawn By, Checked By, Date. Includes project number 22050.01 and scale As Indicated.



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ABBREVIATIONS					
<b>A</b> AMPERE(S) ALTERNATING CURRENT AIR CONDITIONING AMPERE FRAME ABOVE FINISHED FLOOR ABOVE FINISHED GRADE AMPERES INTERRUPTING CAPACITY ALUMINUM AMPERE TRIP AMERICAN WIRE GAGE AIR HANDLING UNIT	<b>E</b> E.C. ELECTRICAL CONTRACTOR E.EB ELECTRICAL EQUIPMENT BUILDING EXHAUST FAN ELEVATION EMERGENCY EMERGENCY SHUTDOWN ELECTRIC WATER COOLER EXISTING  <b>F</b> FC FOOT CANDLE FF FINISHED FLOOR FLA FULL LOAD AMPS FL FLUORESCENT FREQ. FREQUENCY FT. FEET  <b>G</b> GALV GALVANIZED GFI GROUND FAULT INTERRUPTER GND GROUND  <b>H</b> HP HORSEPOWER HPS HIGH PRESSURE SODIUM HV HIGH VOLTAGE HZ HERTZ  <b>J</b> JB JUNCTION BOX	<b>K</b> KCMIL THOUSAND CIRCULAR MILS KV KILOVOLT KVA KILOWATT AMPERES KILOWATT  <b>L</b> LBS. POUNDS LEV LEVEL LTG. LIGHTING LV LOW VOLTAGE  <b>M</b> MCB MAIN CIRCUIT BREAKER MISC MISCELLANEOUS MLD MAIN LUGS ONLY MTD MOUNTED MH MOUNTING HEIGHT  <b>N</b> N NEUTRAL NEC NATIONAL ELECTRICAL CODE N.C. NORMALLY CLOSED N.O. NORMALLY OPEN NF NONFUSED NFPA NATIONAL FIRE PROTECTION ASSOCIATION NL UN SWITCHED NIGHT LIGHT NTS NOT TO SCALE  <b>O</b> OC ON CENTER OL OVERLOAD CONTACT	<b>P</b> PNL PHASE PANEL PR PAIR PE PHOTO ELECTRIC PRI PRIMARY PIR PASSIVE INFRARED PT POTENTIAL TRANSFORMER PVC POLYVINYL CHLORIDE PWR POWER  <b>R</b> REC RECEPTACLE REQ'D. REQUIRED RIG. RIGID GALVANIZED STEEL RM ROOM RNTIGHT RAINIGHT  <b>S</b> SEC SECONDARY SMK SMOKE SPO SINGLE POINT CONNECTION SR SUNRISE SS SUNSET STD STANDARD SVR SUPERVISORY SWBD SWITCHBOARD	<b>U</b> UG UNDERGROUND UL UNDERWRITER'S LABORATORIES  <b>V</b> V VOLTS VAC VOLTAGE, ALTERNATING CURRENT VDC VOLTAGE, DIRECT CURRENT  <b>W</b> W WATTS, WIRE, WIDTH WP WEATHERPROOF  <b>X</b> XFMR TRANSFORMER	

FEEDER SCHEDULE			
TYPE THHN/THWN INSUL COPPER CONDUCTOR AMPACITY BASED ON (75° TEMP. RATING) IN RIGID METAL CONDUIT DRY INTERIOR LOCATIONS; EMT WITH CAST COMPRESSION FITTINGS WET EXTERIOR LOCATIONS; RGS WITH CAST FITTINGS UNDERGROUND INSTALLATIONS; SCHEDULE 80 PVC BASED ON 31% FILL CAPACITIES			
FEEDER DESIGNATION	3PH+G PHASE + GND. CONDUCTORS AND CONDUIT SIZE	FEEDER DESIGNATION	3PH+N+G PHASE + NEUTRAL + GND. CONDUCTORS AND CONDUIT SIZE
20	3#12+#12 GND., 3/4" C	20N	4#12+#12 GND., 3/4" C
30	3#10+#10 GND., 3/4" C	30N	4#10+#10 GND., 3/4" C
50	3#8+#10 GND., 1" C	50N	4#8+#10 GND., 1" C
65	3#6+#8 GND., 1" C	65N	4#6+#8 GND., 1 1/4" C
85	3#4+#8 GND., 1 1/4" C	85N	4#4+#8 GND., 1 1/4" C
100	3#3+#8 GND., 1 1/4" C	100N	4#3+#8 GND., 1 1/2" C
115	3#2+#6 GND., 1 1/2" C	115N	4#2+#6 GND., 1 1/2" C
130	3#1+#6 GND., 1 1/2" C	130N	4#1+#6 GND., 2" C
150	3#1/0+#6 GND., 2" C	150N	4#1/0+#6 GND., 2" C
175	3#2/0+#6 GND., 2" C	175N	4#2/0+#6 GND., 2 1/2" C
200	3#3/0+#6 GND., 2" C	200N	4#3/0+#6 GND., 2 1/2" C
230	3#4/0+#4 GND., 2 1/2" C	230N	4#4/0+#4 GND., 3" C
255	3#250+#4 GND., 2 1/2" C	255N	4#250+#4 GND., 3" C
285	3#300+#4 GND., 3" C	285N	4#300+#4 GND., 3" C
310	3#350+#3 GND., 3" C	310N	4#350+#3 GND., 4" C
335	3#400+#3 GND., 3" C	335N	4#400+#3 GND., 4" C
380	3#500+#3 GND., 4" C	380N	4#500+#3 GND., 4" C
400	2 SETS(3#3/0+#3 GND., 2" C)	400N	2 SETS(4#3/0+#3 GND., 2 1/2" C)
420	3#600+#2 GND., 4" C	420N	4#600+#2 GND., 4" C
460	2 SETS(3#4/0+#2 GND., 2" C)	460N	2 SETS(4#4/0+#2 GND., 2 1/2" C)
510	2 SETS(3#250+#1 GND., 2 1/2" C)	510N	2 SETS(4#250+#1 GND., 3" C)
570	2 SETS(3#300+#4 GND., 2 1/2" C)	570N	2 SETS(4#300+#4 GND., 3" C)
620	2 SETS(3#350+#1/0 GND., 3" C)	620N	2 SETS(4#350+#1/0 GND., 3" C)
760	2 SETS(3#500+#1/0 GND., 3" C)	760N	2 SETS(4#500+#1/0 GND., 4" C)
840	2 SETS(3#600+#2/0 GND., 4" C)	840N	2 SETS(4#600+#2/0 GND., 4" C)
855	3 SETS(3#300+#2/0 GND., 2 1/2" C)	855N	3 SETS(4#300+#2/0 GND., 3" C)
1005	3 SETS(3#400+#3/0 GND., 3" C)	1005N	3 SETS(4#400+#3/0 GND., 3" C)
1240	4 SETS(3#350+#4/0 GND., 3" C)	1240N	4 SETS(4#350+#4/0 GND., 4" C)
1650	5 SETS(3#400+#250 GND., 3" C)	1650N	5 SETS(4#400+#250 GND., 4" C)
2010	6 SETS(3#400+#350 GND., 3" C)	2010N	6 SETS(4#400+#350 GND., 4" C)
2660	7 SETS(3#500+#450 GND., 4" C)	2660N	7 SETS(4#500+#400 GND., 4" C)
3040	8 SETS(3#500+#500 GND., 4" C)	3040N	8 SETS(4#500+#500 GND., 4" C)
4180	11 SETS(3#500+#700 GND., 4" C)	4180N	11 SETS(4#500+#700 GND., 4" C)

### DEMOLITION NOTES

- PLANS DO NOT ATTEMPT TO SHOW ALL DEMOLITION ITEMS. SOME LIGHT FIXTURES, SWITCHES/DIMMERS, EXIT LIGHTS, RECEPTACLES, TELEPHONE, DATA, MISC. OUTLETS, COMMUNICATION DEVICES (FIRE ALARM, PAGING/INTERCOM, NURSE CALL, SECURITY, ETC.) ARE SHOWN FOR INFORMATION PURPOSES AND GENERAL LAYOUT IN THESE AREAS TO BE RENOVATED. HOWEVER, THE ITEMS SHOWN ARE NOT NECESSARILY COMPLETE. ELECTRICAL CONTRACTOR (E.C.) TO FIELD VERIFY ALL DEMOLITION ITEMS AND PROVIDE REMOVAL OF ALL DEVICES ACCORDINGLY. SEE RELATED NOTES ON MAINTAINING SERVICE TO NON-DEMOLITION AREAS.
- E.C. SHALL REMOVE ALL EXISTING LIGHT FIXTURES, SWITCHES/DIMMERS, EXIT LIGHTS, RECEPTACLES, TELEPHONE, DATA, MISC. OUTLETS, WIRING TROUGH, DUCTS, FILM ILLUMINATORS, COMMUNICATION DEVICES (FIRE ALARM, PAGING/INTERCOM, SECURITY, ETC.) IN DEMOLITION AREAS. REMOVE CONDUIT/WIRE BACK TO PANEL(S) UNLESS RE-USED FOR NEW AND/OR RELOCATED WORKS. EXISTING RACEWAYS, CONDUITS AND CABLE DUCTS WITH ADEQUATE CAPACITY FOR NEW AND/OR EXISTING LOADS MAY BE RE-USED. SIMILARLY FOR COMMUNICATION SYSTEM CONDUIT/WIRE (REMOVE BACK TO CONTROL PANEL(S) IF NOT RE-USED). FIXTURES NOT INDICATED FOR RE-USE SHALL BE DELIVERED TO A LOCATION TO BE SPECIFIED BY OWNER. ALL FIXTURES UPSTREAM OR DOWNSTREAM OF DEMOLISHED FIXTURES AND ON THE SAME CIRCUITS SHALL BE RECONNECTED TO MAINTAIN SERVICE, PROVIDE NEW CONDUIT/WIRE AS REQUIRED.
- DAMAGE TO EXISTING MATERIALS/EQUIPMENT WILL BE REPAIRED AT NO ADDITIONAL COST TO OWNER. RE-SUPPORT ANY REMAINING CONDUIT OR DEVICE THAT WERE SUPPORTED BY WALLS/MILLWORK BEING REMOVED.
- NON-DEMOLITION AREAS: DEMOLITION WORKS SHALL NOT AFFECT AREAS NOT INCLUDED IN DEMOLITION. E.C. SHALL BE RESPONSIBLE FOR THE CONTINUITY OF ALL SERVICES (POWER, TELEPHONE, FIRE ALARM, DATA, PAGING, INTERCOM, ETC.) IN NON-DEMOLITION AREAS. ALL SERVICES SHALL BE MAINTAINED AT ALL TIMES. E.C. SHALL MAINTAIN SERVICE BY EXTENDING, RE-ROUTING AND/OR RECONNECTING ANY CIRCUITS AFFECTED BY DEMOLITION.
- E.C. SHALL FIELD INVESTIGATE EXISTING ELECTRICAL INSTALLATION. ALL EXISTING INSTALLATION IN THE RENOVATION AREAS THAT ARE TO REMAIN BUT ARE NOT CURRENTLY IN COMPLIANCE WITH CURRENT CODES SHALL BE CORRECTED BY E.C., INCLUDING BUT NOT LIMITED TO THE FOLLOWING:  
UN-SUPPORTED CONDUIT AND JUNCTION BOXES LAYING ON TOP OF CEILING TILES, CONDUIT AND/OR JUNCTION BOXES SUPPORTED ONLY BY TIE-WIRE - RAISE AND SUPPORT CONDUIT WITH STRAP PER SPECS. PROVIDE NEW CONDUIT/WIRE AS REQUIRED.  
CIRCUITS WITHOUT A SEPARATE GREEN GROUNDING WIRE - INSTALL A GREEN GROUNDING WIRE FOR EVERY RECEPTACLE OUTLET AND DEVICES. INSTALLATION OF THE GREEN GROUNDING WIRE MAY REQUIRE THE REMOVAL AND RE-INSTALLATION OF THE EXISTING WIRES. PROVIDE NEW WIRE AS REQUIRED.  
FIXTURES IMPROPERLY SUPPORTED OR INADEQUATELY SUPPORTED BY DEVICE BOXES - PROVIDE PROPER SUPPORT PER N.E.C.  
EMERGENCY AND NORMAL POWER CIRCUITS IN THE SAME CONDUIT - PROVIDE SEPARATION OF EMERGENCY AND NORMAL CIRCUITS AND INSTALL IN SEPARATE CONDUIT.
- ALL EXISTING ABANDONED AND/OR UN-USED CONDUIT/WIRE, SWITCHES/STARTERS, JUNCTION BOXES, COMMUNICATION SYSTEM AND DEVICES IN PROJECT AREAS SHALL BE REMOVED BACK TO PANELS AND/OR CONTROL PANELS. ALL ITEMS DEMOLISHED BY E.C. SHALL BE REMOVED BACK TO PANELS AND/OR CONTROL PANELS.
- SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL SCOPE OF DEMOLITION WORK.
- ALL WORK SHALL BE DONE IN TOTAL COORDINATION WITH THE BUILDING ELECTRICAL MAINTENANCE STAFF TO AVOID ANY INTERRUPTION TO EXISTING CIRCUITS IN USE.
- ALL OPENINGS IN PARTITIONS AND CEILING SHALL BE FIRE SEALED.
- CONTRACTOR TO PROVIDE OSHA APPROVED TEMPORARY LIGHTING AND POWER AS REQUIRED FOR THE DURATION OF THE PROJECT.

LUMINARE SCHEDULE						
TAG	NOTES	DESCRIPTION	CATALOG	VOLTAGE	LAMP	CATALOG NUMBER
F1	2,3,4	LED SURFACE VOLUMETRIC FIXTURE	LITHONIA LIGHTING STL4 SERIES	120	46W	STL4 48L MVOLT EZ1 LP835
F2	3,4	2'x4' LED VOLUMETRIC RECESSED FIXTURE	LITHONIA LIGHTING 2BLT4 SERIES	120	48W	2BLT4 60L ADP MVOLT EZ1 LP835 NLTAIR2
F3	2,3,4	LED LOW PROFILE WRAPAROUND	LITHONIA LIGHTING BLWP2 SERIES	120	17W	BLWP2 20L ADPT EZ1 LP835
X1	3,4	EDGE LIT, LED GREEN FACE, EXIT SIGN WALL MOUNT	LITHONIA LIGHTING LQM FAMILY	120	N/A	LQM S W 3 G 120/277 M6
X2	3,4	EDGE LIT, LED GREEN FACE, EXIT SIGN CEILING MOUNT	LITHONIA LIGHTING LQM FAMILY	120	N/A	LQM S W 3 G 120/277 M6

**LUMINARE SCHEDULE NOTES:**

- UL LISTED AND APPROVED FOR WET LOCATIONS.
- COORDINATE BUILDING PENETRATIONS WITH EXTERIOR BUILDING SURFACE MATERIALS. PROVIDE MANUFACTURERS LISTED PENETRATION SEALS. ALL PENETRATIONS SHALL BE MADE WATERPROOF. COORDINATE WITH OTHER TRADES REQUIREMENTS. WHERE APPLICABLE.
- OR APPROVED EQUAL, SEE SPECIFIC NOTE 1.
- WHEN FIXTURE IS DENOTED WITH AN "ET", EXAMPLE - F1E, PROVIDE 90 MINUTE EMERGENCY OPERATION WITH ACCESSIBLE TEST SWITCH. B50 MANUFACTURED BY BODINE WITH 5 YEAR WARRANTY. TEST SWITCH SHALL BE FIXTURE MOUNTED FOR ALL LOCATIONS. EXTERIOR FIXTURE TEST SWITCHES SHALL BE WEATHERPROOF. ALL LIGHTING FIXTURES WITH BATTERY PACKS REQUIRE A SEPARATE, NON-SWITCHED, HOT CONDUCTOR FOR OPERATION. DISCONNECTING POWER TO BATTERY PACKS WILL CAUSE THEM TO DISCHARGE.

### DRAWING E002 SPECIFIC NOTES

ALTERNATE LIGHTING FIXTURE SUBMITTAL MUST BE SUBMITTED TO ENGINEER 10 DAYS PRIOR TO BID FOR REVIEW. SUBMITTAL SHALL BE COMPLETE INCLUDING ALL FIXTURES UTILIZED IN THE PROJECT, AS WELL AS POINT TO POINT PHOTOMETRICS. ANY EXCEPTIONS TO THE SPECIFIED FIXTURES SHALL BE CLEARLY NOTED OR ENTIRE PACKAGE WILL BE REJECTED.

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PASCAGOULA-GAUTIER SCHOOL DISTRICT

# GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)

Revisions		
No.	Description	Date

PASCAGOULA-GAUTIER SCHOOL DISTRICT  
GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)

DR. DAVID P. PATTON  
REGISTERED PROFESSIONAL ENGINEER  
17411  
STATE OF MISSISSIPPI

505 MAGNOLIA TREE DRIVE  
GAUTIER, MS 39553

# E002

ELECTRICAL NOTES, SCHEDULES & ABBREVIATIONS

Drawn By DLM	Checked By KDB	Date 08/07/2023
Scale As Indicated	Project Number 22050.01	

**1 ELECTRICAL DEMO PLAN**  
SCALE: 3/16" = 1'-0"



**DRAWING E011 NOTES**

1. CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO DISPOSING OF ALL DEMOLISHED EQUIPMENT.
2. CONTRACTOR SHALL DEMOLISH ANY DATA OR RECEPTACLES ON WALLS TO BE DEMOLISHED.
3. CONTRACTOR SHALL DEMOLISH DISCONNECTS, FEED, AND CONDUIT TO ROOF TOP UNITS. CONTRACTOR SHALL REFERENCE MECHANICAL SHEETS FOR EXACT LOCATIONS OF UNITS.

**DRAWING E011 SPECIFIC NOTES**

1. CONTRACTOR SHALL DEMOLISH EXISTING LIGHTS, CONDUIT, AND CONTROLS.
2. CONTRACTOR SHALL DEMOLISH EXISTING BRANCH CIRCUIT POWER AND DATA FOR COOLERS AND CASHIER STANDS.
3. CONTRACTOR SHALL DISCONNECT ANY WIFI TO AFFECT ARCHITECTURAL WORK. CONTRACTOR SHALL RE-INSTALL WIFI AFTER ARCHITECTURAL WORK IS COMPLETE.
4. CONTRACTOR SHALL DEMOLISH EXISTING MANUAL PULL. CONTRACTOR SHALL TURN DEMOLISHED MANUAL PULL BACK TO OWNER.
5. CONTRACTOR SHALL DEMOLISH EXISTING SPEAKER FROM WALL.
6. CONTRACTOR SHALL DEMOLISH HORN STROBE AND FEED BACK TO SOURCE.
7. CONTRACTOR SHALL DISCONNECT EXISTING CAMERAS AND RETURN BACK TO OWNER. CONTRACTOR SHALL REFERENCE SHEET E141 FOR NEW LOCATION OF CAMERA JUNCTION BOXES.
8. CONTRACTOR SHALL DEMOLISH EXISTING FEEDS TO EXISTING EQUIPMENT. CONTRACTOR SHALL DISCONNECT FEEDS WITH CARE OF EQUIPMENT TO STAY FOR NEW KITCHEN.
9. CONTRACTOR SHALL DEMOLISH EXISTING PANELBOARDS. CONTRACTOR SHALL DEMOLISH FEED AND CONDUIT BACK TO SOURCE.
10. CONTRACTOR SHALL DEMOLISH EXISTING BOILER DISCONNECT.
11. CONTRACTOR SHALL DISCONNECT EXISTING INTERCOM SPEAKERS. CONTRACTOR SHALL STORE SPEAKERS FOR RE-INSTALLATION. CONTRACTOR SHALL REFERENCE SHEET E141 FOR LOCATIONS.
12. CONTRACTOR SHALL MAKE SURE EXISTING DISCONNECT AND JUNCTION BOX SHALL BE LEFT FOR USE IN NEW WORK.



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PASCAGOULA-GAUTIER SCHOOL DISTRICT

**GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)**

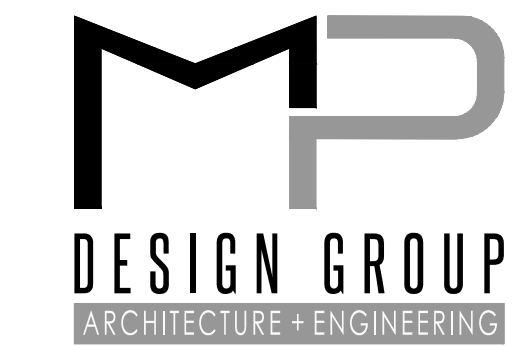
Revisions		
No.	Description	Date

PASCAGOULA-GAUTIER SCHOOL DISTRICT  
GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)

505 MAGNOLIA TREE DRIVE  
GAUTIER, MS 39553

**E011**  
ELECTRICAL DEMO PLAN

Drawn By	Checked By	Date
DLM	KDB	08/07/2023
Scale	Project Number	
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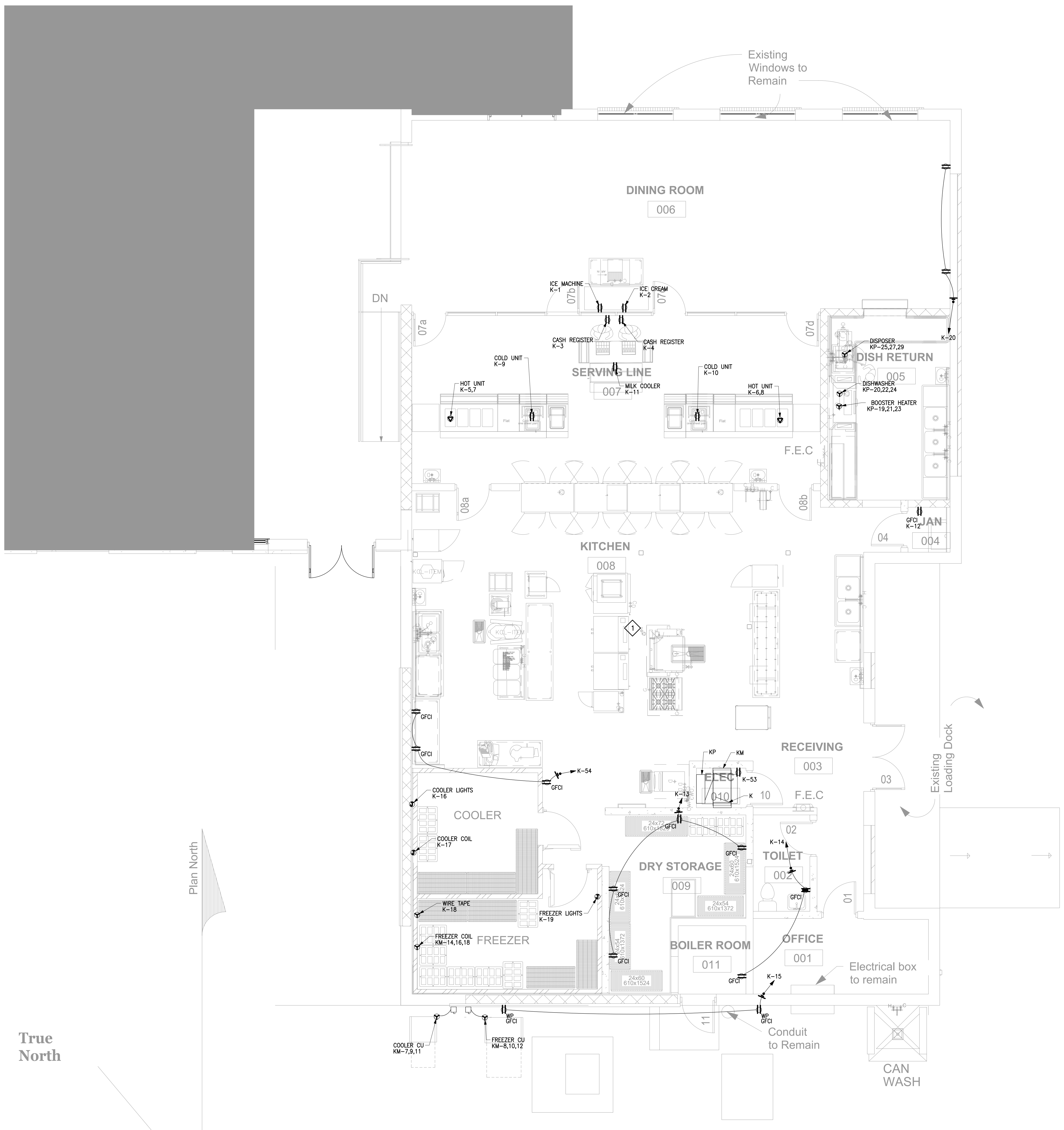
## PASCAGOULA-GAUTIER SCHOOL DISTRICT GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)

**DRAWING E111 NOTES**

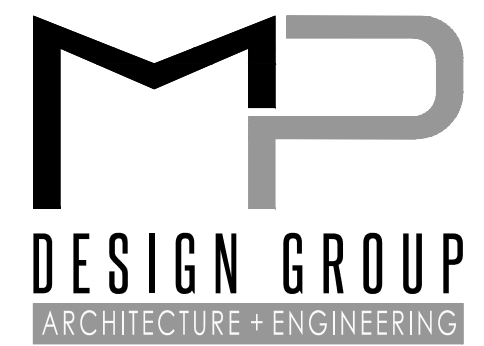
1. ALL RECEPTACLE CIRCUITS SHALL BE #12 AWG UNLESS OTHERWISE NOTED. IF MORE THAN 100'-0" TO THE FIRST CURRENT-CONSUMING DEVICE, THEN CONDUCTOR SHALL BE #10 AWG.
2. ALL RECEPTACLES SHALL BE MOUNTED 18" AFF UNLESS OTHERWISE NOTED.
3. ALL RECEPTACLES SHALL BE TAMPER RESISTANT.

**DRAWING E111 SPECIFIC NOTES**

◆ CONTRACTOR SHALL REFERENCE SHEET E201 FOR ENLARGED ELECTRICAL PLAN FOR KITCHEN EQUIPMENT.



**1 ELECTRICAL POWER PLAN**  
SCALE: 1/4" = 1'-0"



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GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)

DR. DAVID P. PATTON  
REGISTERED PROFESSIONAL ENGINEER  
STATE OF MISSISSIPPI  
17411

505 MAGNOLIA TREE DRIVE  
GAUTIER, MS 39553

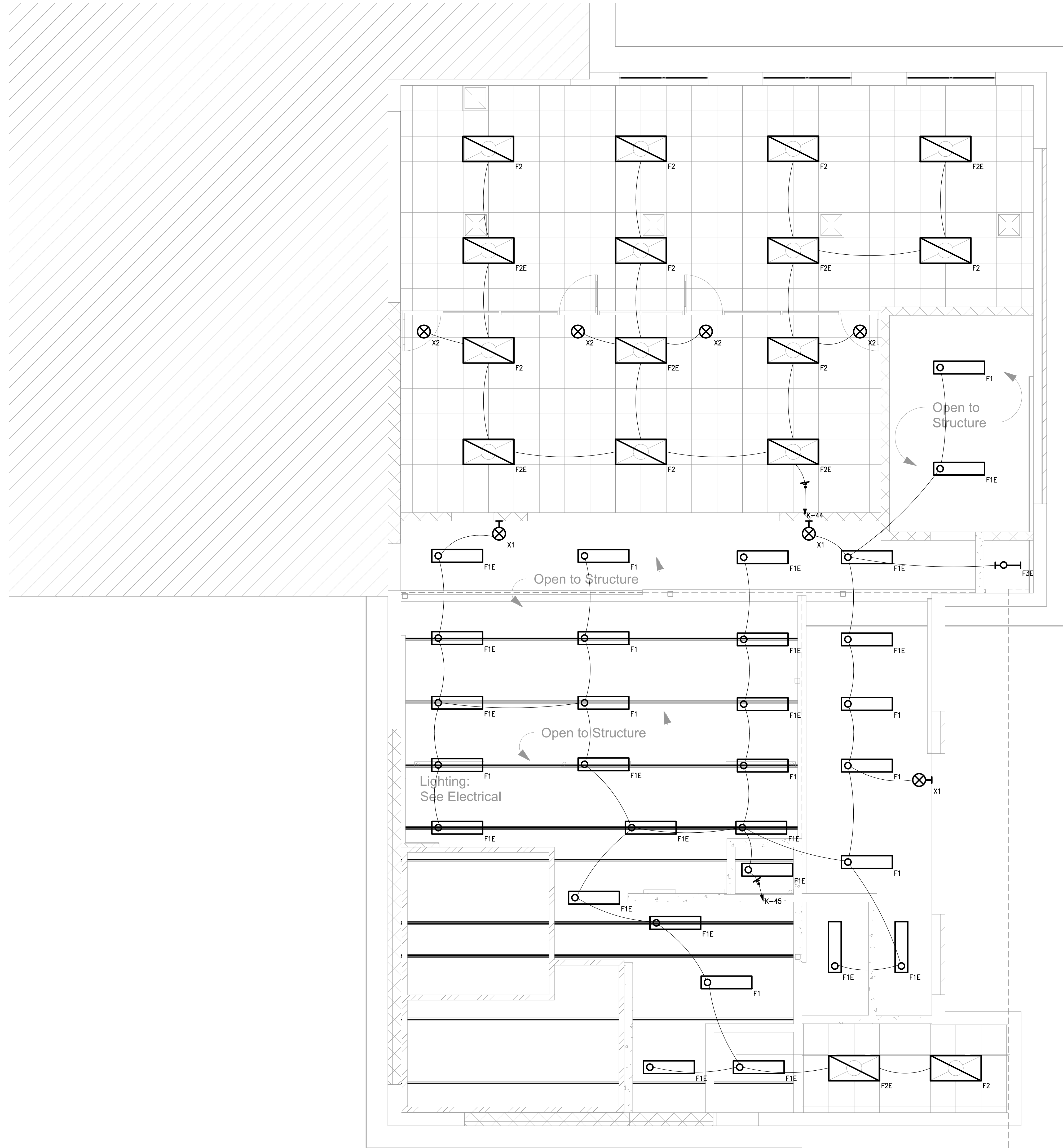
# E111

ELECTRICAL POWER PLAN

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As Indicated	22050.01

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1 ELECTRICAL LIGHTING PLAN  
SCALE: 1/4" = 1'-0"

DRAWING E121 NOTES

1. ALL LIGHTING CIRCUITS SHALL BE #12 AWG UNLESS OTHERWISE NOTED. IF MORE THAN 100'-0" TO THE FIRST CURRENT-CONSUMING DEVICE, THEN CONDUCTOR SHALL BE #10 AWG.
2. REFERENCE ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT MOUNTING LOCATIONS IN ARCHITECTURAL FINISHES.
3. REFERENCE ARCHITECTURAL PLANS FOR EXACT MOUNTING HEIGHTS OF LIGHT FIXTURES.

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PASCAGOULA-GAUTIER SCHOOL DISTRICT

**GAUTIER ELEMENTARY SCHOOL  
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**E121**  
ELECTRICAL LIGHTING PLAN

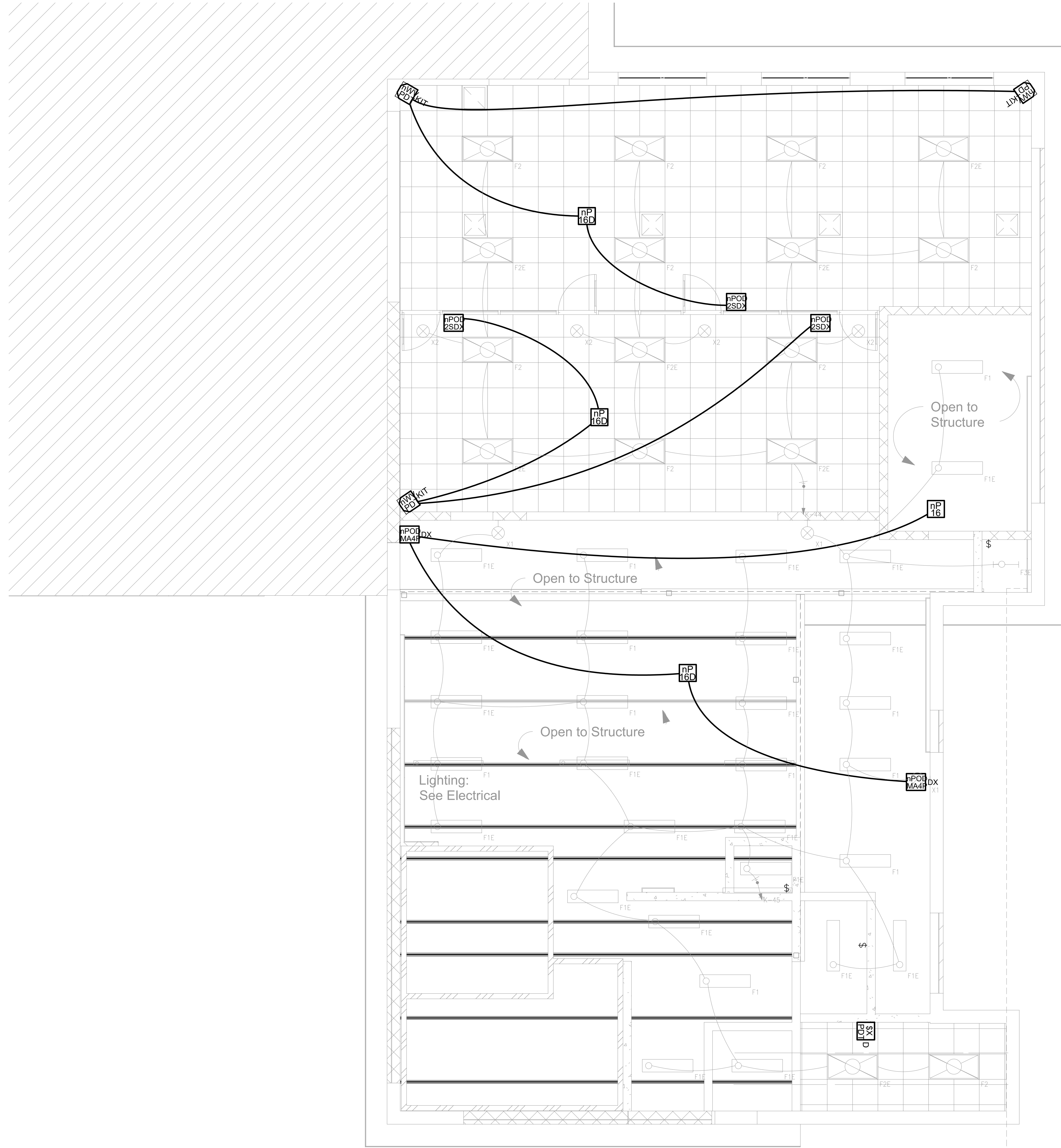
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- DRAWING E122 NOTES**
1. ALL LIGHTING CIRCUITS SHALL BE #12 AWG UNLESS OTHERWISE NOTED. IF MORE THAN 100'-0" TO THE FIRST CURRENT-CONSUMING DEVICE, THEN CONDUCTOR SHALL BE #10 AWG.
  2. REFERENCE ARCHITECTURAL REFLECTED CEILING PLANS FOR EXACT MOUNTING LOCATIONS IN ARCHITECTURAL FINISHES.
  3. REFERENCE ARCHITECTURAL PLANS FOR EXACT MOUNTING HEIGHTS OF LIGHT FIXTURES.

**1** ELECTRICAL LIGHTING CONTROLS PLAN  
SCALE: 1/4" = 1'-0"



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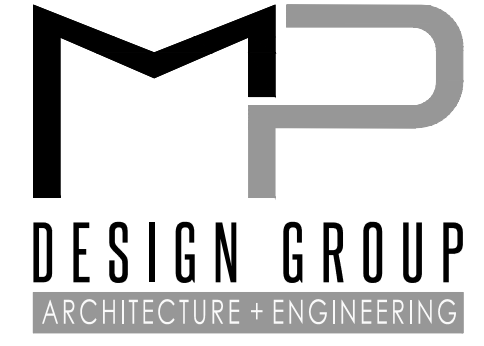
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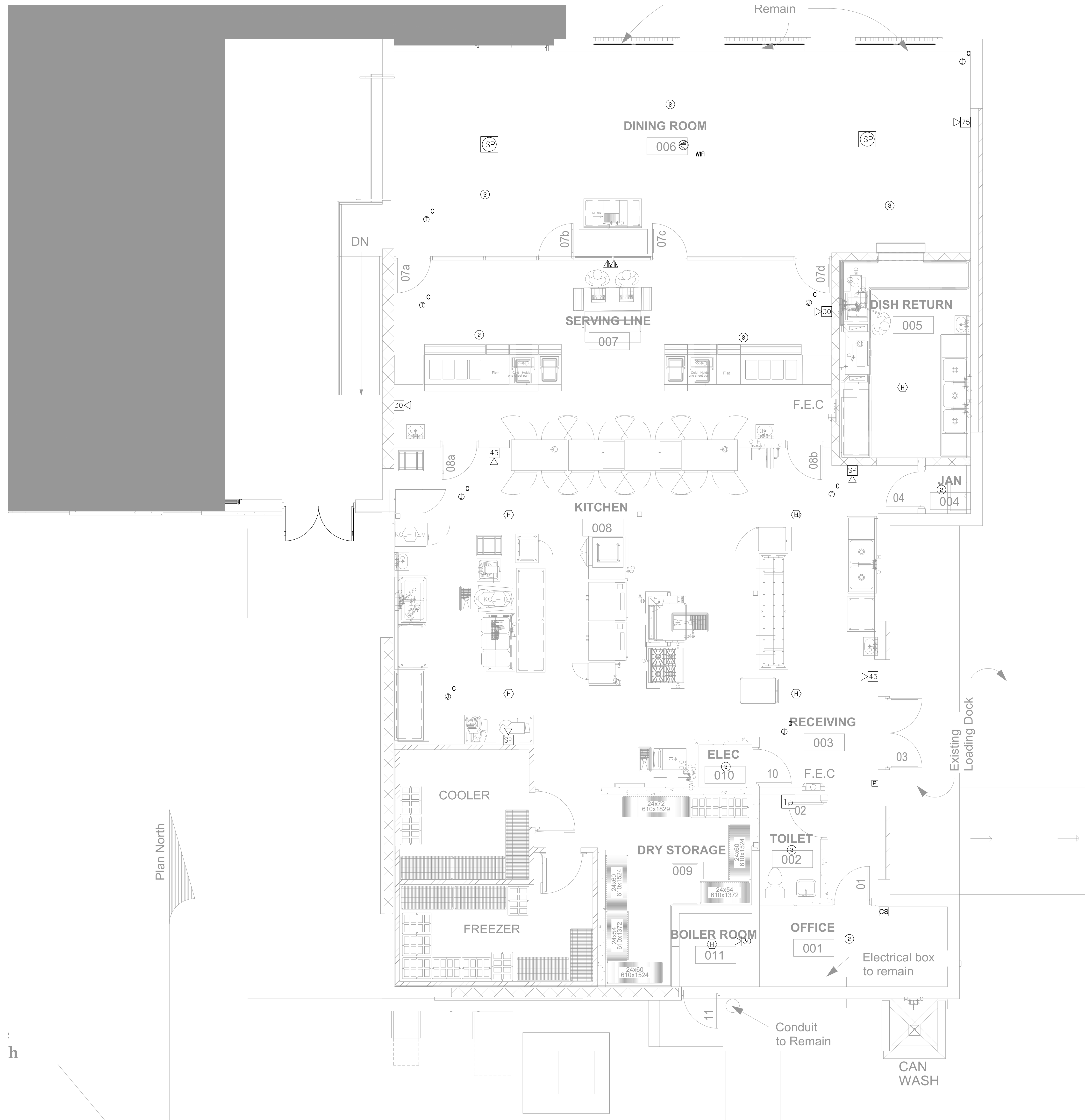
**E122**  
ELECTRICAL LIGHTING  
CONTROLS PLAN

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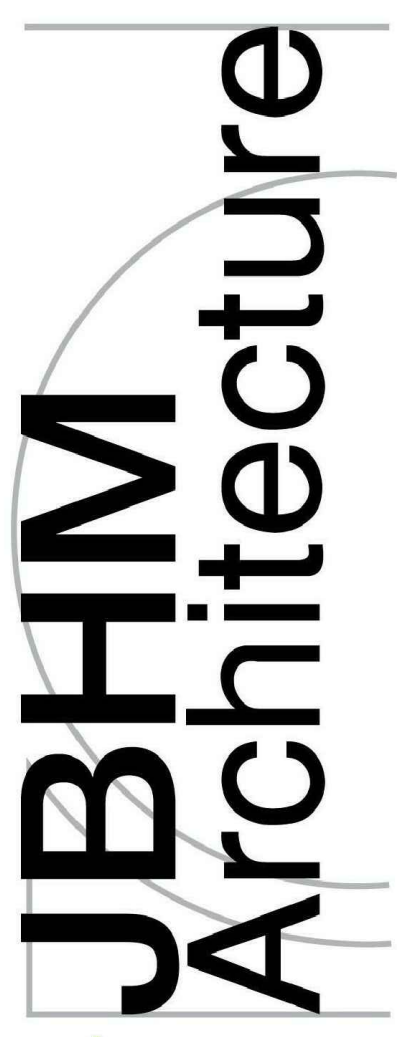


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- DRAWING E141 NOTES**
1. CONTRACTOR SHALL PROVIDE AND INSTALL (2) CAT 6 CABLES FROM DATA OUTLET BACK TO THE TELECOMMUNICATION RACK. CABLE SHALL BE ROUTED TO TELECOMMUNICATION RACK AND TERMINATED. ALL CABLE FOR TELECOMMUNICATIONS SHALL BE BLUE IN COLOR. CABLE ROUTED ABOVE INACCESSIBLE CEILING SHALL BE ROUTED IN CONDUIT. CABLE ABOVE ACCESSIBLE CEILINGS MAY BE MOUNTED ON J-HOOKS. ALL CABLE SHALL BE PLENUM RATED.
  2. INSTALL PULL STRINGS IN ALL EMPTY CONDUITS.
  3. ALL JUNCTION BOXES DENOTED WITH THE LETTER 'C' ARE FOR SECURITY CAMERAS (SECURITY CAMERAS ARE PROVIDED AND INSTALLED BY OWNER). CONTRACTOR SHALL ROUTE A 1" CONDUIT WITH (2) TWO CAT 6 CABLES BACK TO TELECOMMUNICATION RACK. ALL CABLE FOR SECURITY CAMERAS SHALL BE GREEN IN COLOR. ALL CABLE SHALL BE PLENUM RATED. CAMERA JUNCTION BOXES SHALL BE MOUNTED JUST BELOW THE CEILING. COORDINATE EXACT LOCATION WITH ENGINEER PRIOR TO ROUGHING IN. COORDINATE EXTERIOR CAMERA MOUNTING HEIGHTS WITH ENGINEER.
  4. CONTRACTOR SHALL PROVIDE AND INSTALL (1) CAT 6 CABLE FROM EACH INTERCOM SPEAKER TO INTERCOM HEAD-IN. ALL CABLE FOR INTERCOM SHALL BE ORANGE IN COLOR. CABLE ROUTED ABOVE INACCESSIBLE CEILING SHALL BE ROUTED IN CONDUIT. CABLE ABOVE ACCESSIBLE CEILINGS MAY BE MOUNTED ON J-HOOKS. ALL CABLE SHALL BE PLENUM RATED.
  5. ALL SMOKE DUCT DETECTORS AND DAMPER SMOKE DETECTORS SHALL BE PROVIDED AND INSTALLED BY THE CONTROLS CONTRACTOR. FIRE ALARM CONTRACTOR SHALL BE RESPONSIBLE FOR TYING INTO THE FIRE ALARM SYSTEM. CONTRACTOR SHALL REFERENCE MECHANICAL SHEETS FOR EXACT QUANTITY AND LOCATIONS.
  6. CONTRACTOR SHALL REFERENCE SHEET E001 FOR GENERAL FIRE ALARM NOTES.
  7. ALL FIRE ALARM PULL STATIONS SHALL EQUIPPED WITH A POLYCARBONATE COVER WITH ALARM TO HELP STOP FALSE FIRE ALARMS.
  8. CONTRACTOR SHALL INTERLOCK FIRE SUPPRESSION SYSTEM WITH EXISTING FIRE ALARM SHOWN ON SHEET E01.



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**PASCAGOULA-GAUTIER SCHOOL DISTRICT**  
**GAUTIER ELEMENTARY SCHOOL**  
**KITCHEN RENOVATION (RE-BID)**

PASCAGOULA-GAUTIER SCHOOL DISTRICT

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PASCAGOULA-GAUTIER SCHOOL DISTRICT  
GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)

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**E141**  
ELECTRICAL SPECIAL SYSTEMS PLAN

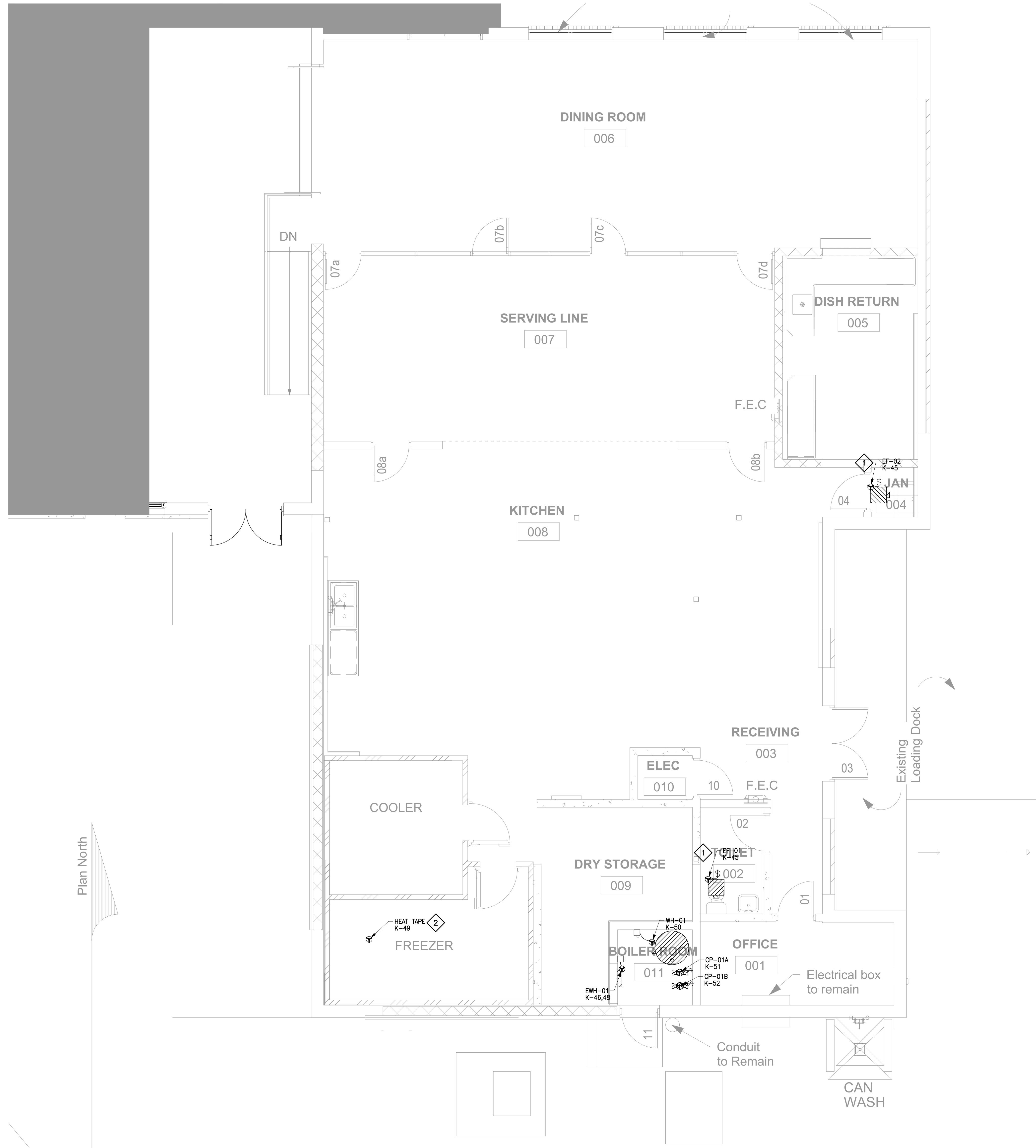
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**1** ELECTRICAL SPECIAL SYSTEMS PLAN  
SCALE: 1/4" = 1'-0"

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

DRAWING E151 NOTES

1. ALL SAFETY SWITCHES SHALL BE PROVIDED AND MOUNTED BY THE E.C. COORDINATE EXACT REQUIREMENTS WITH THE EQUIPMENT MANUFACTURER.
2. COORDINATE EXACT WIRING REQUIREMENTS WITH THE MECHANICAL CONTRACTOR PRIOR TO ROUGHING IN.
3. ALL SAFETY SWITCHES SHALL BE HEAVY DUTY. NEMA 1 - INDOORS, NEMA 12/3R - OUTDOORS.
4. ALL SMOKE DUCT DETECTORS AND DAMPER SMOKE DETECTORS SHALL BE PROVIDED AND INSTALLED BY THE CONTROLS CONTRACTOR. FIRE ALARM CONTRACTOR SHALL BE RESPONSIBLE FOR TYING INTO THE FIRE ALARM SYSTEM. CONTRACTOR SHALL REFERENCE MECHANICAL SHEETS FOR EXACT QUANTITY AND LOCATIONS.
5. CONTRACTOR SHALL PROVIDE AND INSTALL ALL CONDUIT FOR FAN COILS TO BE POWERED BY OUTSIDE UNITS. CONTRACTOR SHALL REFERENCE MECHANICAL DRAWINGS FOR FAN COILS.

DRAWING E151 SPECIFIC NOTES

1. CONTRACTOR SHALL INTERLOCK EXHAUST FAN THROUGH LIGHTING CONTROLS SWITCH.
2. CONTRACTOR SHALL COORDINATE WITH MECHANICAL SHEETS FOR EXACT LOCATION AND REQUIREMENTS FOR HEAT TAPE.

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**E151**  
MECHANICAL POWER PLAN

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

DRAWING E152 NOTES

1. ALL SAFETY SWITCHES SHALL BE PROVIDED AND MOUNTED BY THE E.C. COORDINATE EXACT REQUIREMENTS WITH THE EQUIPMENT MANUFACTURER.
2. COORDINATE EXACT WIRING REQUIREMENTS WITH THE MECHANICAL CONTRACTOR PRIOR TO ROUGHING IN.
3. ALL SAFETY SWITCHES SHALL BE HEAVY DUTY. NEMA 1 - INDOORS, NEMA 12/3R - OUTDOORS.
4. ALL SMOKE DUCT DETECTORS AND DAMPER SMOKE DETECTORS SHALL BE PROVIDED AND INSTALLED BY THE CONTROLS CONTRACTOR. FIRE ALARM CONTRACTOR SHALL BE RESPONSIBLE FOR TYING INTO THE FIRE ALARM SYSTEM. CONTRACTOR SHALL REFERENCE MECHANICAL SHEETS FOR EXACT QUANTITY AND LOCATIONS.
5. CONTRACTOR SHALL PROVIDE AND INSTALL ALL CONDUIT FOR FAN COILS TO BE POWERED BY OUTSIDE UNITS. CONTRACTOR SHALL REFERENCE MECHANICAL DRAWINGS FOR FAN COILS.
6. CONTRACTOR SHALL COORDINATE WITH MECHANICAL CONTRACTOR FOR CONTROLS OF DISH MACHINE CONTROLS.

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**GAUTIER ELEMENTARY SCHOOL  
KITCHEN RENOVATION (RE-BID)**

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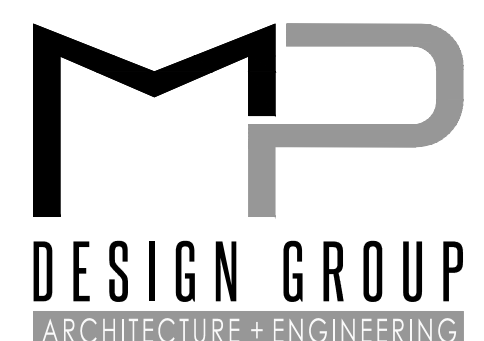
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**E152**  
MECHANICAL POWER ROOF PLAN

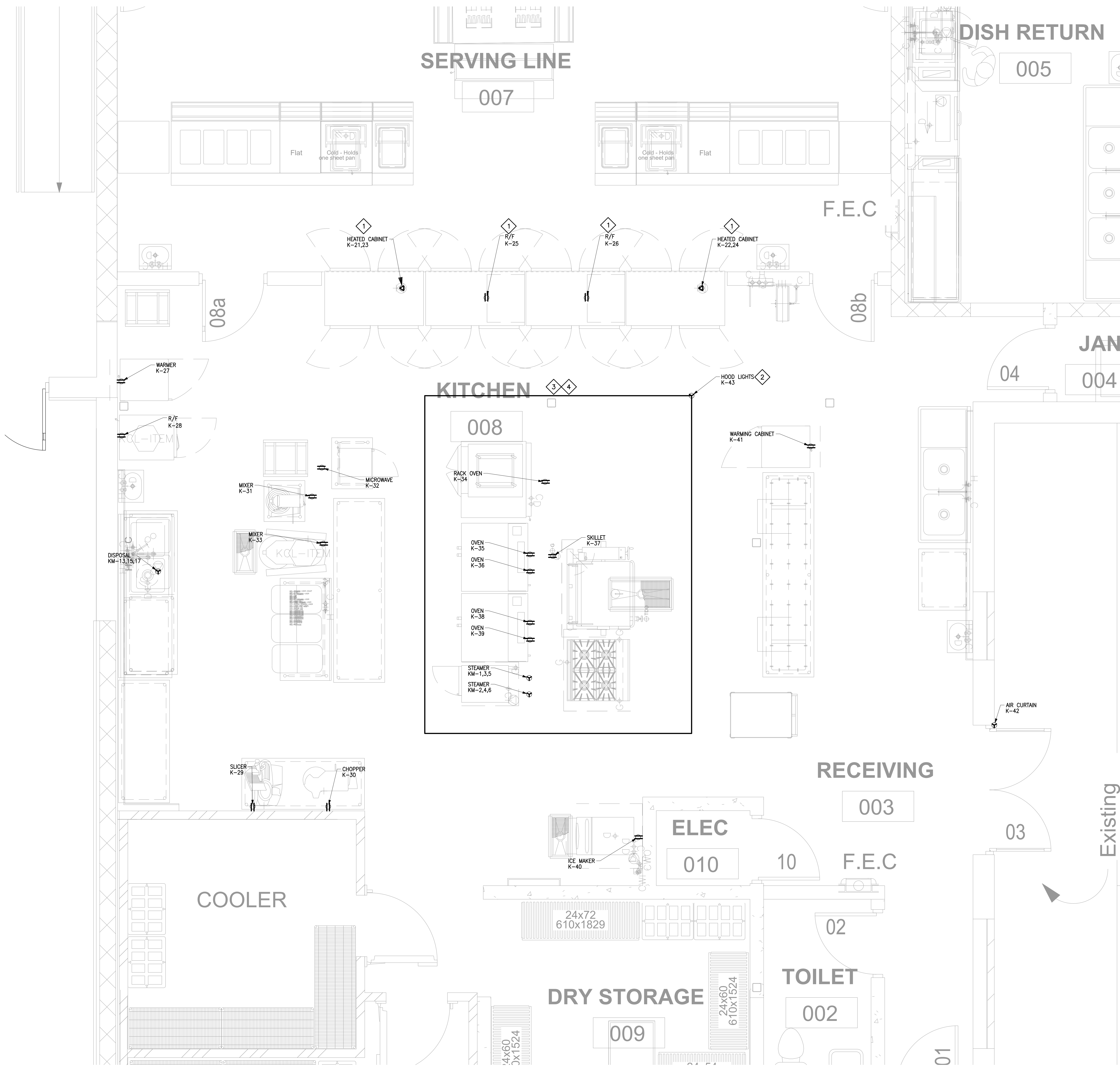
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- DRAWING E201 NOTES**
1. ALL RECEPTACLE CIRCUITS SHALL BE #12 AWG UNLESS OTHERWISE NOTED. IF MORE THAN 100'-0" TO THE FIRST CURRENT-CONSUMING DEVICE, THEN CONDUCTOR SHALL BE #10 AWG.
  2. CONTRACTOR SHALL REFERENCE KITCHEN EQUIPMENT ROUGH-IN SHEET FOR EXACT MOUNTING HEIGHT.
  3. ALL RECEPTACLES SHALL BE MOUNTED 18" AFF UNLESS OTHERWISE NOTED.
  4. ALL RECEPTACLES SHALL BE TAMPER RESISTANT.
  5. ALL EQUIPMENT UNDER HOOD SHALL BE SHUNT TRIP AT THE BREAKER.
  6. ALL EQUIPMENT IN KITCHEN SHALL HAVE GFCI BREAKERS.

- DRAWING E201 SPECIFIC NOTES**
1. CONTRACTOR SHALL MOUNT RECEPTACLE IN WALL ABOVE REFRIGERATOR.
  2. CONTRACTOR SHALL COORDINATE WITH HOOD MANUFACTURER FOR POWER TO LIGHTS. HOOD MANUFACTURER TO PROVIDE HOOD LIGHTS.
  3. CONTRACTOR SHALL INTERLOCK KITCHEN HOOD FIRE SUPPRESSION SYSTEM TO EXISTING FIRE ALARM SYSTEM SHOWN ON SHEET E011.
  4. CONTRACTOR SHALL PROVIDE AND INSTALL HOOD SWITCH. CONTRACTOR SHALL COORDINATE WITH HOOD MANUFACTURER FOR SPECIFICATION.

**1 ELECTRICAL POWER ENLARGED PLAN**  
SCALE: 1/2" = 1'-0"

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**GAUTIER ELEMENTARY SCHOOL  
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GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)

DR. DAVID P. PATTON  
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**E201**  
ELECTRICAL ENLARGED PLAN

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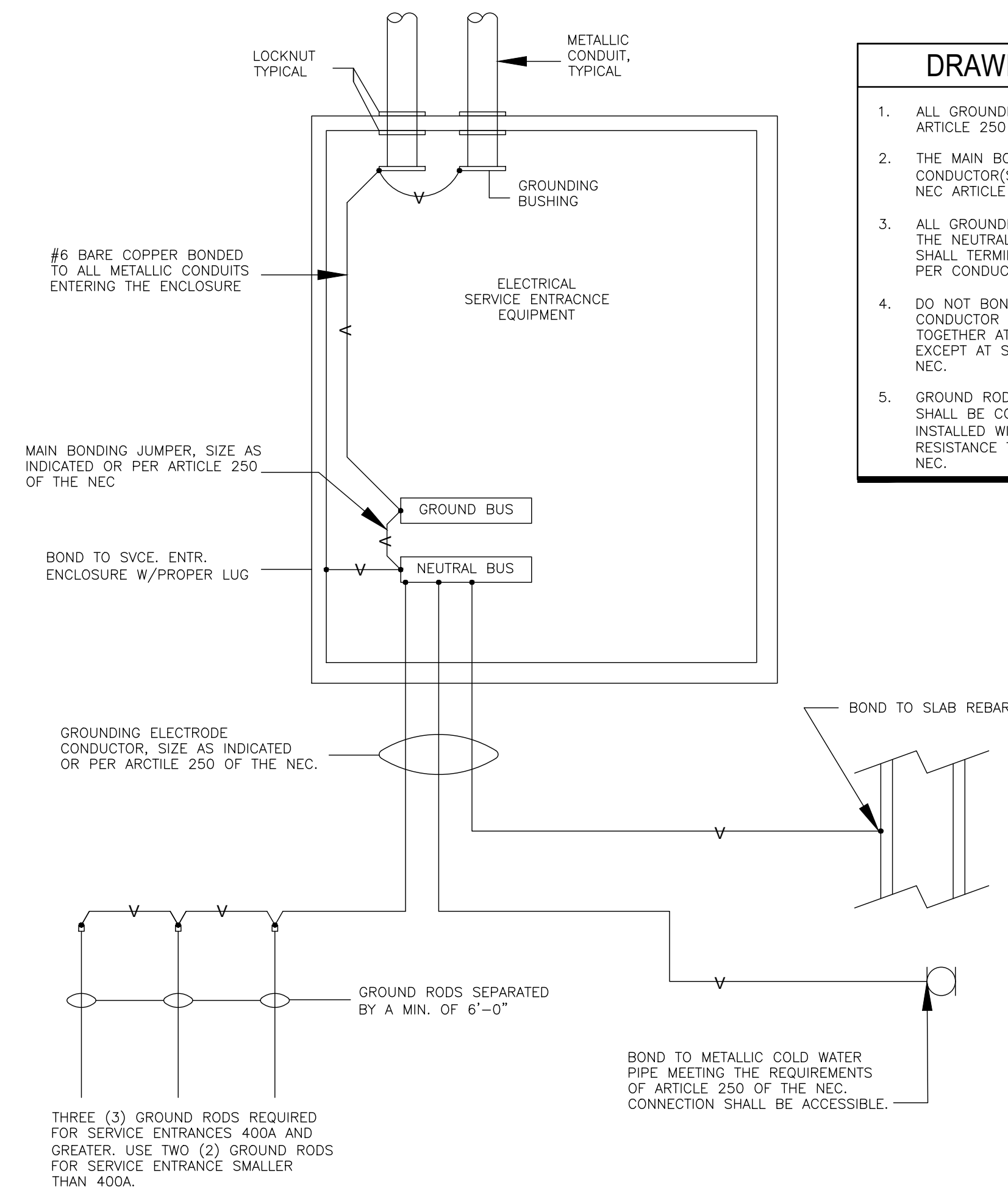
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**1** GROUNDING AND BONDING DETAIL  
SCALE: N.T.S.



- DRAWING E501 SPECIFIC NOTES**
1. ALL GROUNDING AND BONDING SHALL BE IN ACCORDANCE WITH ARTICLE 250 OF THE NEC.
  2. THE MAIN BONDING JUMPER & THE GROUNDING ELECTRODE CONDUCTOR(S) SHALL BE SIZED AS INDICATED AND/OR PER NEC ARTICLE 250.
  3. ALL GROUND (NEUTRAL) CONDUCTORS SHALL TERMINATE ON THE NEUTRAL BUS & ALL EQUIPMENT GROUNDING CONDUCTOR SHALL TERMINATE ON THE GROUND BUS, ONE LUG OR TERMINAL PER CONDUCTOR.
  4. DO NOT BOND OR CONNECT THE GROUND (NEUTRAL) CONDUCTOR & THE EQUIPMENT GROUNDING CONDUCTOR TOGETHER AT ANY OTHER POINT IN THE ELECTRICAL SYSTEM EXCEPT AT SEPARATELY DERIVED SYSTEMS AS DEFINED IN THE NEC.
  5. GROUND RODS USED FOR GROUNDING ELECTRODE SYSTEMS SHALL BE COPPER CLAD, 3/4"x10" MIN. AND SHALL BE INSTALLED WITH TOP A MIN. OF 12" BELOW FINISHED GRADE. RESISTANCE TO GROUND SHALL NOT EXCEED 25 OHMS PER NEC.



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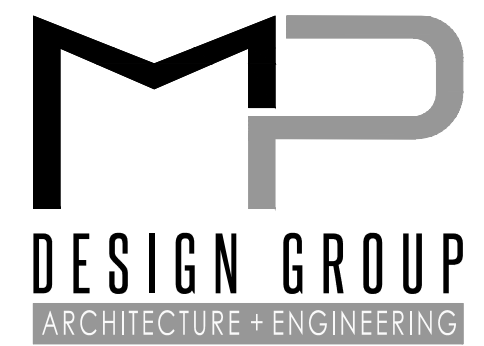
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ENGINEER  
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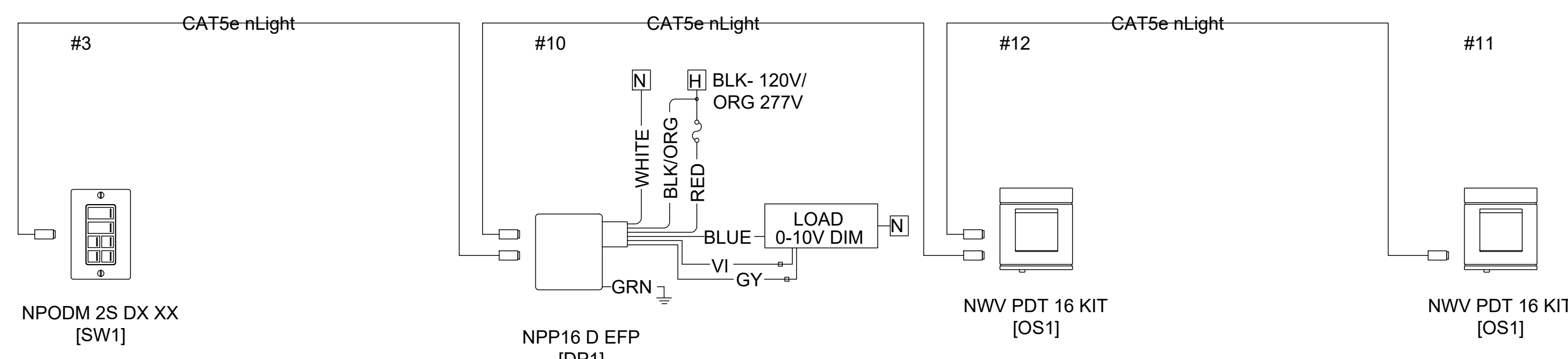
**E501**  
ELECTRICAL GENERAL DETAILS

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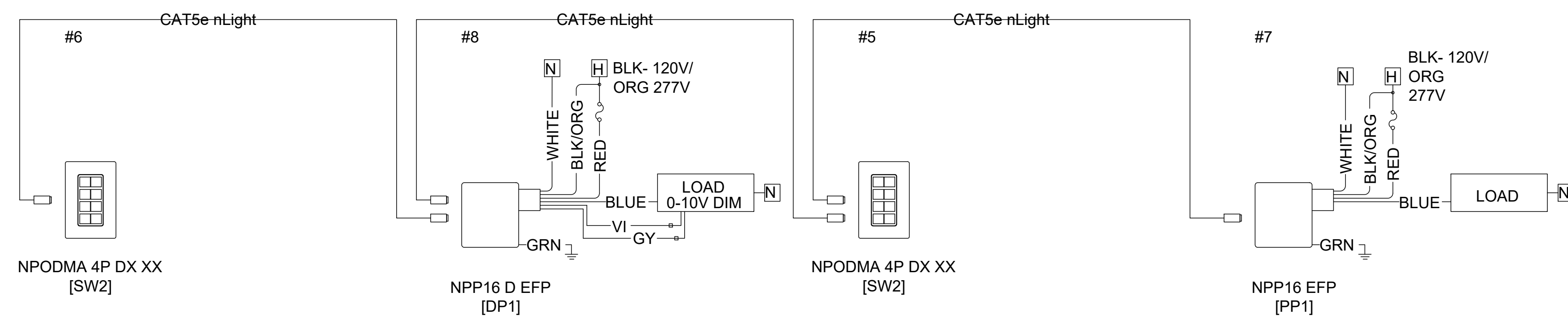
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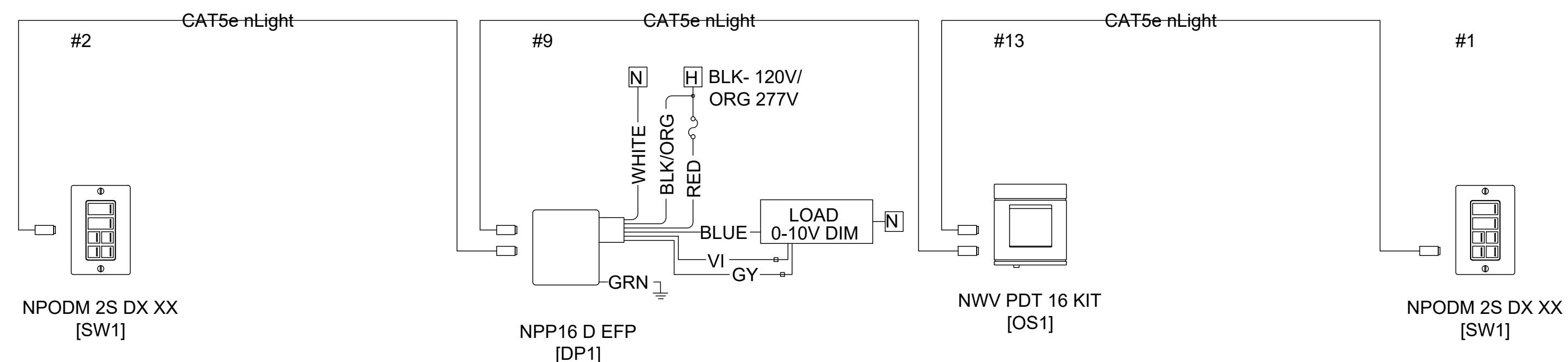
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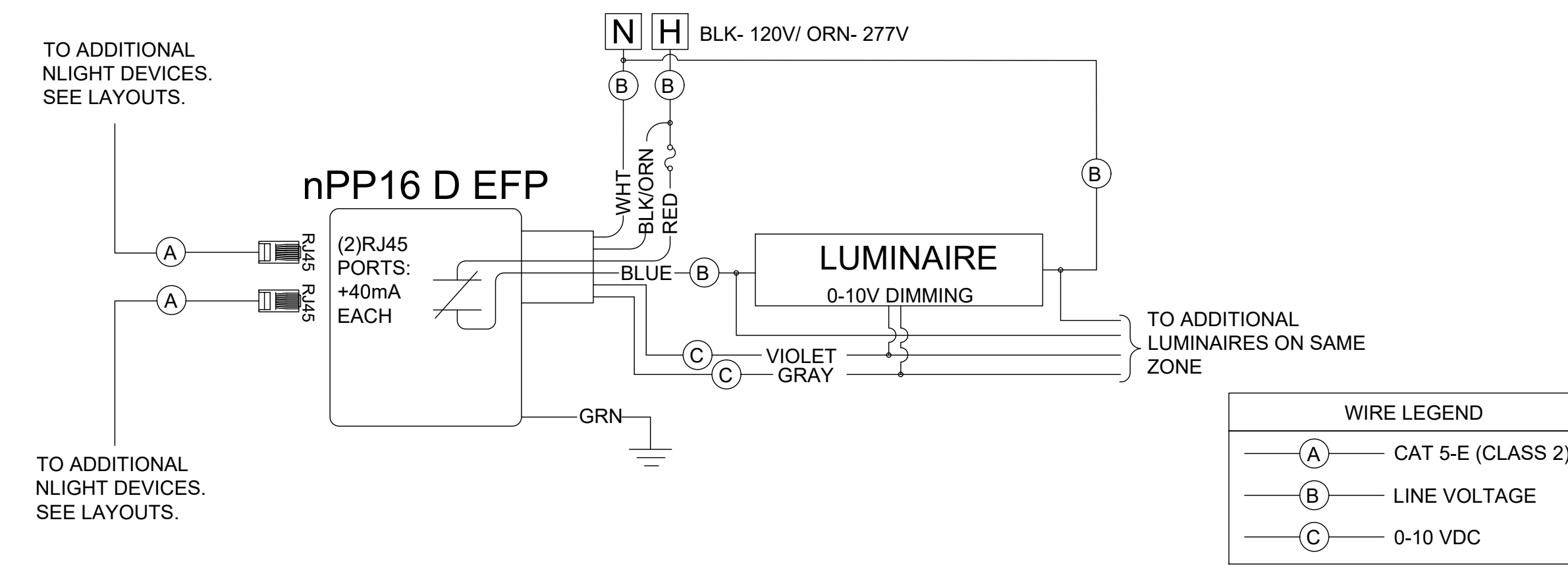
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SCALE: N.T.S.



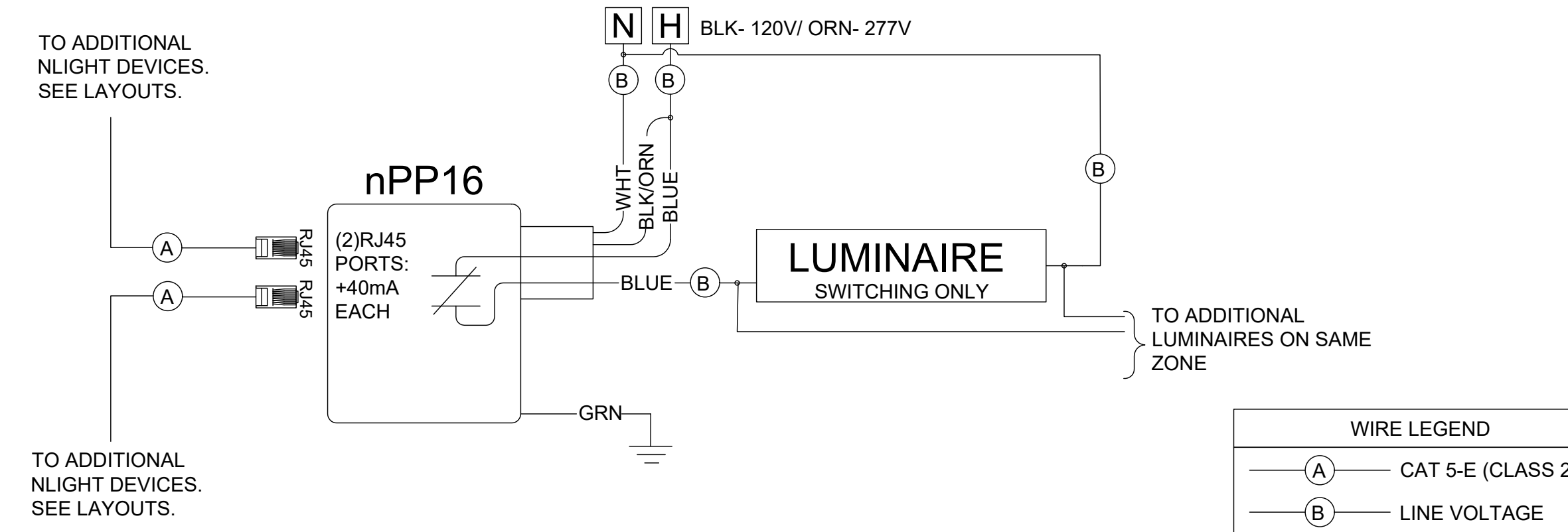
2 nLIGHT - KITCHEN AREA  
SCALE: N.T.S.



3 nLIGHT - SERVING LINE  
SCALE: N.T.S.



4 TYPICAL WIRING DIAGRAM: NPP16 D EFP  
SCALE: N.T.S.



5 TYPICAL WIRING DIAGRAM: NPP16  
SCALE: N.T.S.

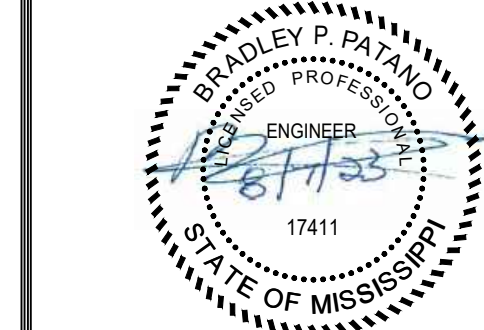
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**PASCAGOULA-GAUTIER SCHOOL DISTRICT**  
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**KITCHEN RENOVATION (RE-BID)**

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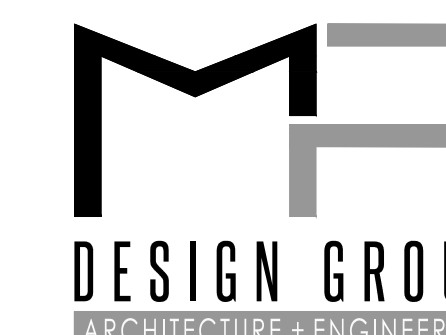
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**E502**  
ELECTRICAL LIGHTING DETAILS

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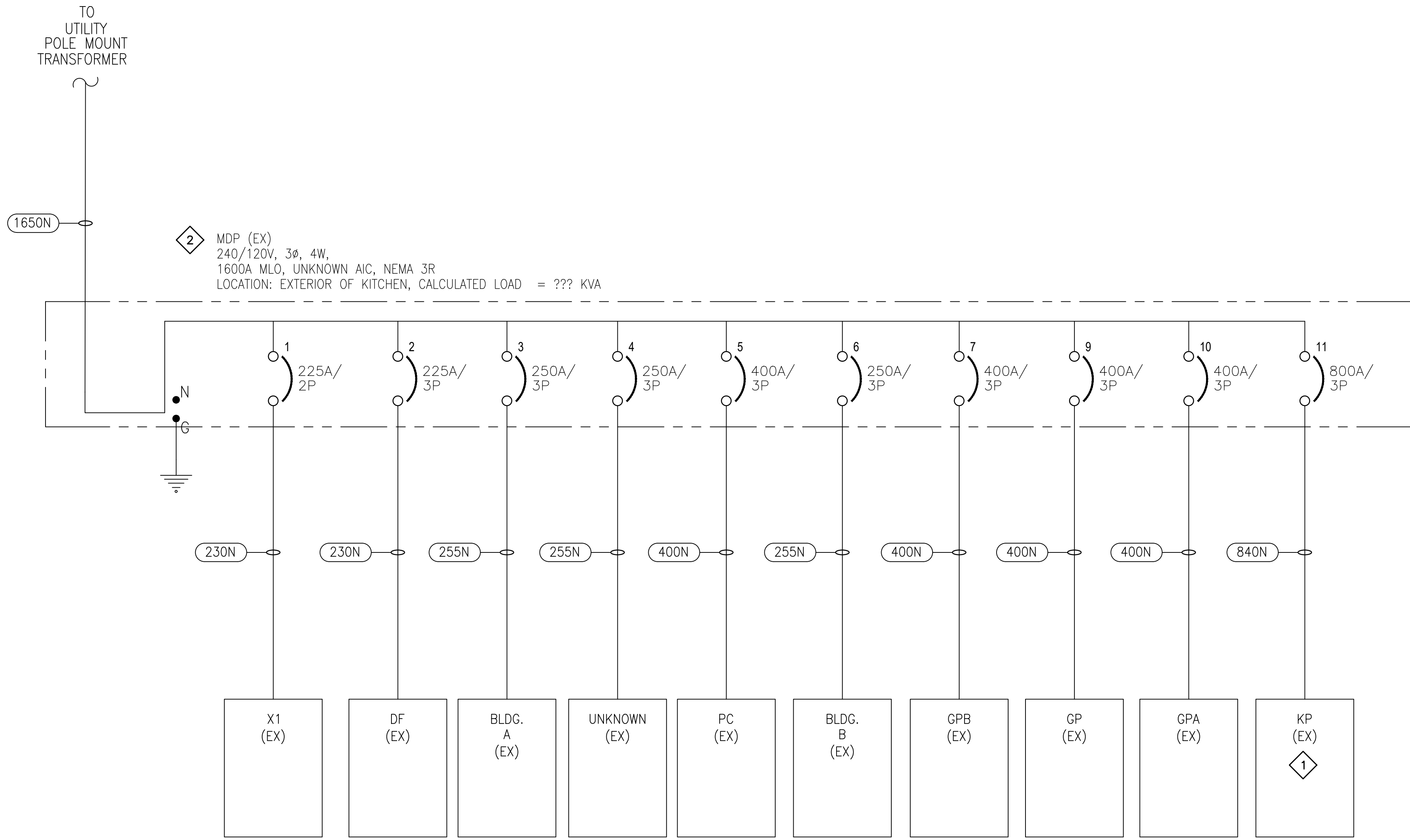
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**DRAWING E601 NOTES**

1. CONTRACTOR SHALL COORDINATE WITH OWNER PRIOR TO DISPOSING ALL DEMOLISHED EQUIPMENT.
2. CONTRACTOR SHALL FILED VERIFY EXISTING PANEL BOARD SCHEDULE.

**DRAWING E601 SPECIFIC NOTES**

1. CONTRACTOR SHALL DEMOLISH EXISTING PANEL BOARD AND ALL CONDUIT AND FEED FOR PANEL BOARD FEED. CONTRACTOR SHALL DEMOLISH ALL CONDUIT ABOVE GRADE. CONTRACTOR SHALL ABANDON CONDUIT 6" BELOW GRADE.
2. CONTRACTOR SHALL PRESERVE ALL FEEDERS AND BRANCH CIRCUITS FOR EQUIPMENT TO REMAIN. CONTRACTOR SHALL REFERENCE SHEET E611 FOR REPLACEMENT BRANCH REQUIREMENTS.



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**PASCAGOULA-GAUTIER SCHOOL DISTRICT**  
**GAUTIER ELEMENTARY SCHOOL**  
**KITCHEN RENOVATION (RE-BID)**

PASCAGOULA-GAUTIER SCHOOL DISTRICT

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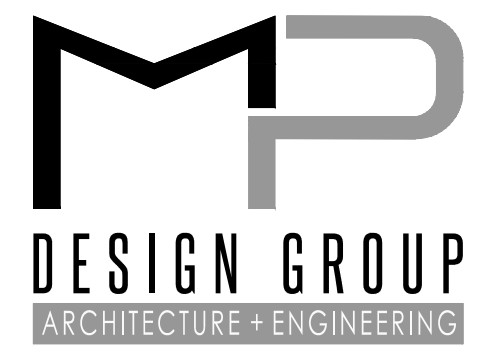
PASCAGOULA-GAUTIER SCHOOL DISTRICT  
GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)

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REGISTERED PROFESSIONAL ENGINEER  
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STATE OF MISSISSIPPI

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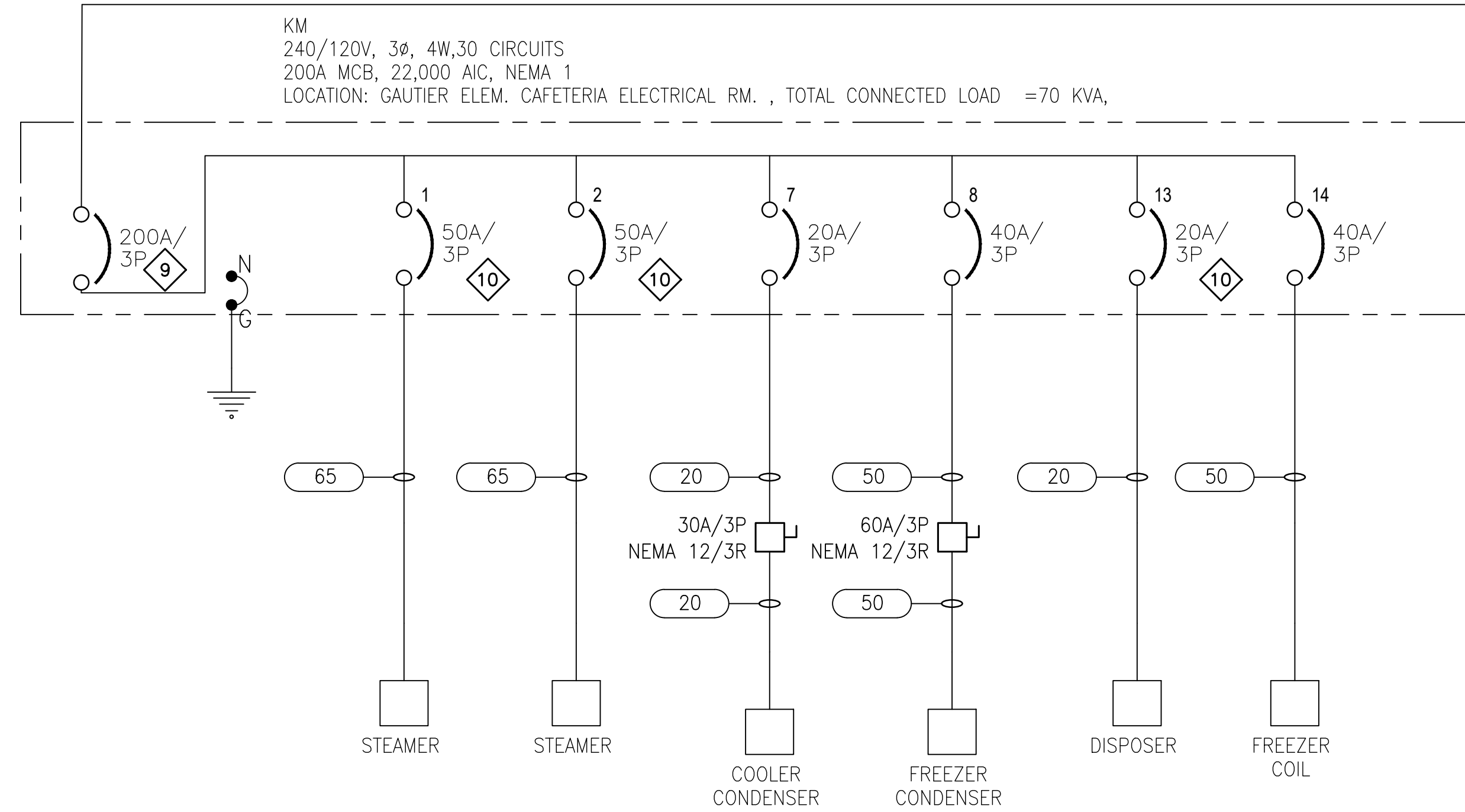
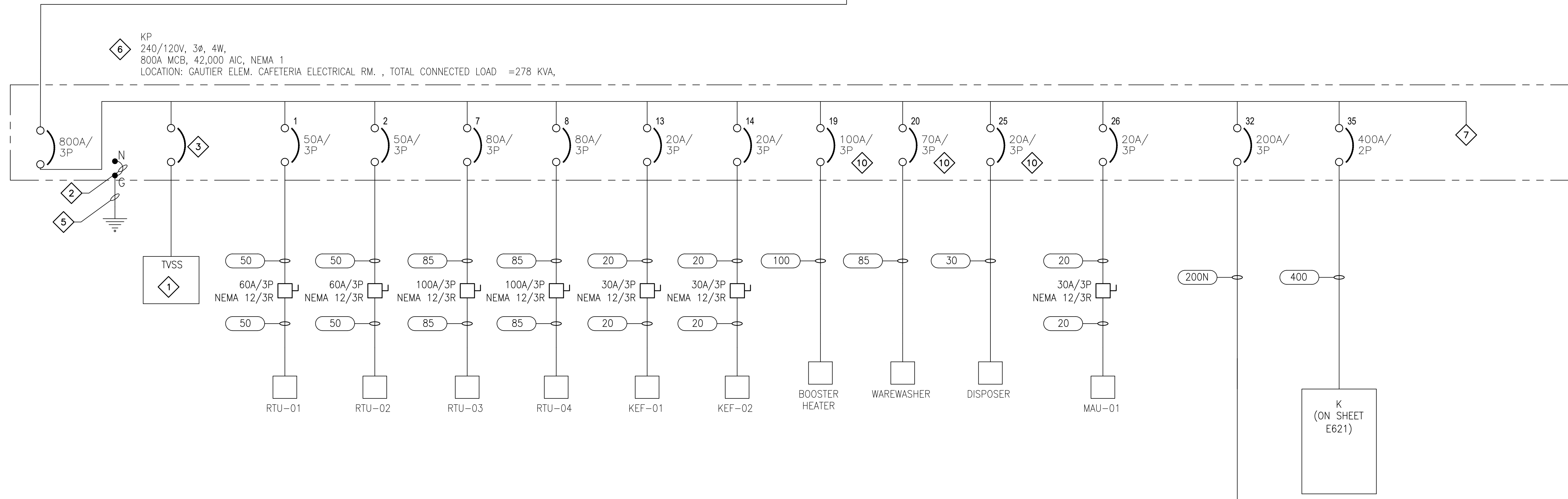
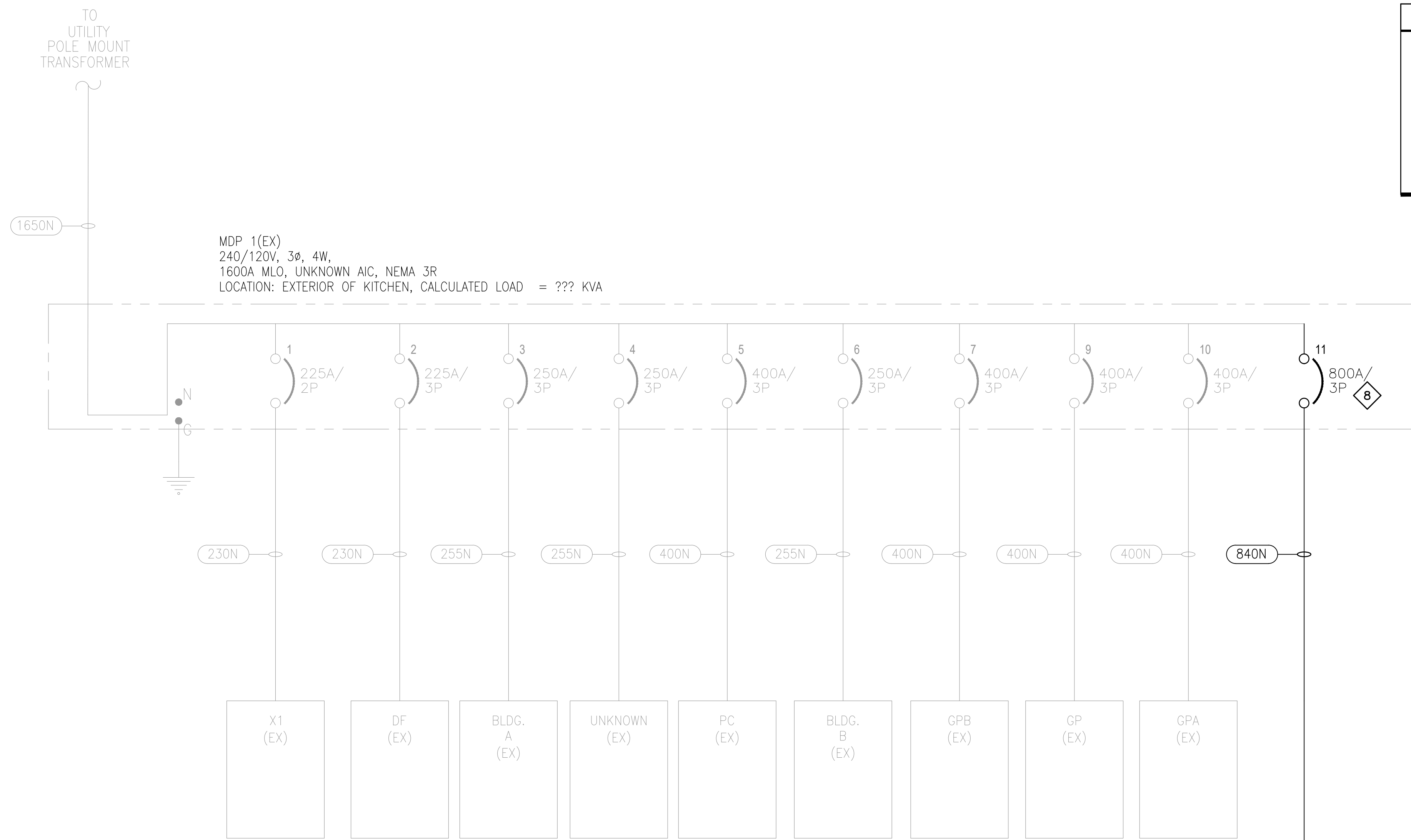
**E601**  
ELECTRICAL ONE-LINE DEMO DIAGRAM

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**DRAWING E611 NOTES**

- CONTRACTOR SHALL FIELD COORDINATE EXISTING MOUNTING SPACE FOR EXISTING PANEL BOARD. CONTRACTOR SHALL MODIFY EXISTING PANEL BOARD FOR NEW EQUIPMENT.

**DRAWING E611 SPECIFIC NOTES**

- 120KA SERVICE ENTRANCE RATED, INTERNALLY MOUNTED TVSS UNIT WITH AUDIBLE ALARM, ENABLE/DISABLE SWITCH AND (2) N.O./N.C. CONTACTS.
- MAIN BONDING JUMPER SHALL BE #4/0 OR COPPER BAR EQUIVALENT.
- BREAKER SHALL BE SIZED BY PANEL MANUFACTURER.
- NOT USED.
- 4/0 CU GROUND IN 3/4" CONDUIT, CONNECT TO THE BUILDING GROUNDING ELECTRODE SYSTEM. SEE DETAIL 1 ON E501.
- CONTRACTOR SHALL PROVIDE AND INSTALL NEW PANEL BOARD.
- CONTRACTOR SHALL PROVIDE AND INSTALL SPARES. 1-100A/3P
- CONTRACTOR SHALL PROVIDE AND INSTALL NEW BREAKER IN EXISTING MAIN DISTRIBUTION PANEL.
- CONTRACTOR SHALL SHUNT TRIP THE MAIN BREAKER FOR PANEL BOARD KM.
- CONTRACTOR SHALL PROVIDE AND INSTALL GFCI BREAKER FOR EQUIPMENT.



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**PASCAGOULA-GAUTIER SCHOOL DISTRICT**  
**GAUTIER ELEMENTARY SCHOOL**  
**KITCHEN RENOVATION (RE-BID)**

Revisions		
No.	Description	Date

**PASCAGOULA-GAUTIER SCHOOL DISTRICT**  
**GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)**



**505 MAGNOLIA TREE DRIVE**  
**GAUTIER, MS 39553**

# E611

ELECTRICAL ONE-LINE DIAGRAM

Drawn By DLM	Checked By KDB	Date 08/07/2023
Scale As Indicated	Project Number 22050.01	



22050.01

DRAWING E621 SPECIFIC NOTES

CONTRACTOR SHALL SHUNT TRIP THE MAIN BREAKER FOR PANEL BOARD K.

ROOM ELECTRICAL RM.		VOLTS 240/120V 2P 3W		AIC 22,000					
MOUNTING SURFACE		BUS AMPS 400		MAIN BKR 400					
FED FROM KP		NEUTRAL 100%		LUGS STANDARD					
NOTE NEMA 1 ENCLOSURE									
CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA		CKT #	CKT BKR	CIRCUIT DESCRIPTION	LOAD KVA	
			A	B				A	B
1	20/1	ICE MACHINE (GFCI BREAKER)	1.24		2	20/1	ICE CREAM (GFCI BREAKER)	0.18	
3	20/1	CASH REGISTER		0.18	4	20/1	CASH REGISTER		0.18
5	30/2	HOT UNIT (GFCI BREAKER)	1.96		6	30/2	HOT UNIT (GFCI BREAKER)	1.96	
7				1.96	8				1.96
9	20/1	COLD UNIT (GFCI BREAKER)	0.48		10	20/1	COLD UNIT (GFCI BREAKER)	0.48	
11	20/1	MILK COOLER (GFCI BREAKER)		0.864	12	20/1	RECEPTACLE		0.18
13	20/1	RECEPTACLE	0.72		14	20/1	RECEPTACLE	0.36	
15	20/1	RECEPTACLE		0.36	16	20/1	COOLER LIGHTS		0.18
17	20/1	COOLER COIL	0.192		18	20/1	WIRE TAPE		0.18
19	20/1	FREEZER LIGHTS		0.18	20	20/1	RECEPTACLE		0.36
21	20/2	HEATED CABINET	1.5		22	20/2	HEATED CABINET	1.5	
23				1.5	24				1.5
25	20/1	R/F (GFCI BREAKER)	1.03		26	20/1	R/F (GFCI BREAKER)	1.03	
27	20/1	WARMER (GFCI BREAKER)		1.92	28	20/1	R/F (GFCI BREAKER)		1.18
29	20/1	SLICER (GFCI BREAKER)	0.6		30	20/1	CHOPPER (GFCI BREAKER)	1.18	
31	20/1	MIXER (GFCI BREAKER)		1.2	32	20/1	MICROWAVE (GFCI BREAKER)		1.8
33	30/1	MIXER (GFCI BREAKER)	2.28		34	20/1	RACK OVEN (GFCI BREAKER)	1.8	
35	20/1	OVEN (GFCI BREAKER)		1.08	36	20/1	OVEN (GFCI BREAKER)	1.08	
37	20/1	SKILLET (GFCI BREAKER)	0.6		38	20/1	OVEN (GFCI BREAKER)	1.08	
39	20/1	OVEN (GFCI BREAKER)		1.08	40	20/1	ICE MAKER (GFCI BREAKER)	1.63	
41	20/1	WARMING CABINET (GFCI BREAKER)	1.92		42	20/1	AIR CURTAIN	1.18	
43	20/1	HOOD LIGHTS		0.2	44	20/1	LIGHTING		0.672
45	20/1	EF-01, EF-02, LIGHTING	1.65		46	20/2	EW-01	0.75	
47	20/1	KEF-03		0.696	48				0.75
49	20/1	HEAT TAPE	1		50	20/1	WH-01	1	
51	20/1	CP-01A		0.42	52	20/1	CP-01B		0.42
53	20/1	RECEPTACLE	0.18		54	20/1	SPARE	0	
55	20/1	SPARE	0		56	20/1	SPARE	0	
57	20/1	SPARE	0		58	20/1	SPARE	0	
59	20/1	SPARE	0		60	20/1	SPARE	0	
61	20/1	SPARE	0		62	20/1	SPARE	0	
63	20/1	SPARE	0		64	20/1	SPARE	0	
65	20/1	SPARE	0		66	20/1	SPARE	0	
67	20/1	SPARE	0		68	20/1	SPARE	0	
69	20/1	SPARE	0		70	20/1	SPARE	0	
71	20/1	SPARE	0		72	20/1	SPARE	0	
73	20/1	SPARE	0		74	20/1	SPARE	0	
TOTAL CONNECTED KVA BY PHASE								28	23.5
TOTAL CONNECTED AMPS BY PHASE								233	196
		CONN KVA	CALC KVA		CONN KVA	CALC KVA			
LIGHTING		2.17	2.71	(125%)	MOTORS		47.2	47.2 (100%)	
LARGEST MOTOR		3.91	0.978	(25%)	RECEPTACLES		2.16	2.16 (50%>10)	
					TOTAL LOAD		53.1		
					BALANCED LOAD		221 A		



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PASCAGOULA-GAUTIER SCHOOL DISTRICT

**GAUTIER ELEMENTARY SCHOOL  
KITCHEN RENOVATION (RE-BID)**

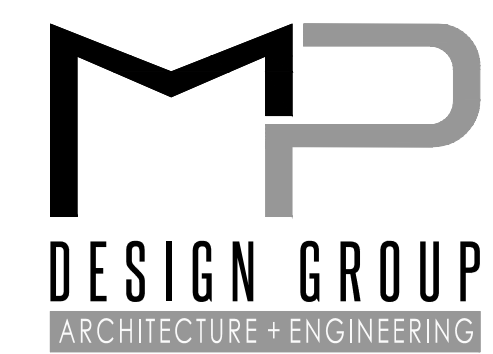
Revisions		
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PASCAGOULA-GAUTIER SCHOOL DISTRICT  
GAUTIER ELEMENTARY SCHOOL KITCHEN RENOVATION (RE-BID)

505 MAGNOLIA TREE DRIVE  
GAUTIER, MS 39553

**E621**  
ELECTRICAL PANEL BOARD SCHEDULE

Drawn By DLM	Checked By KDB	Date 08/07/2023
Scale As Indicated	Project Number 22050.01	



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