

THESE DIMENSIONS ARE EXACTLY ONE FOOT AND ONE INCH PER FOOT

E

D

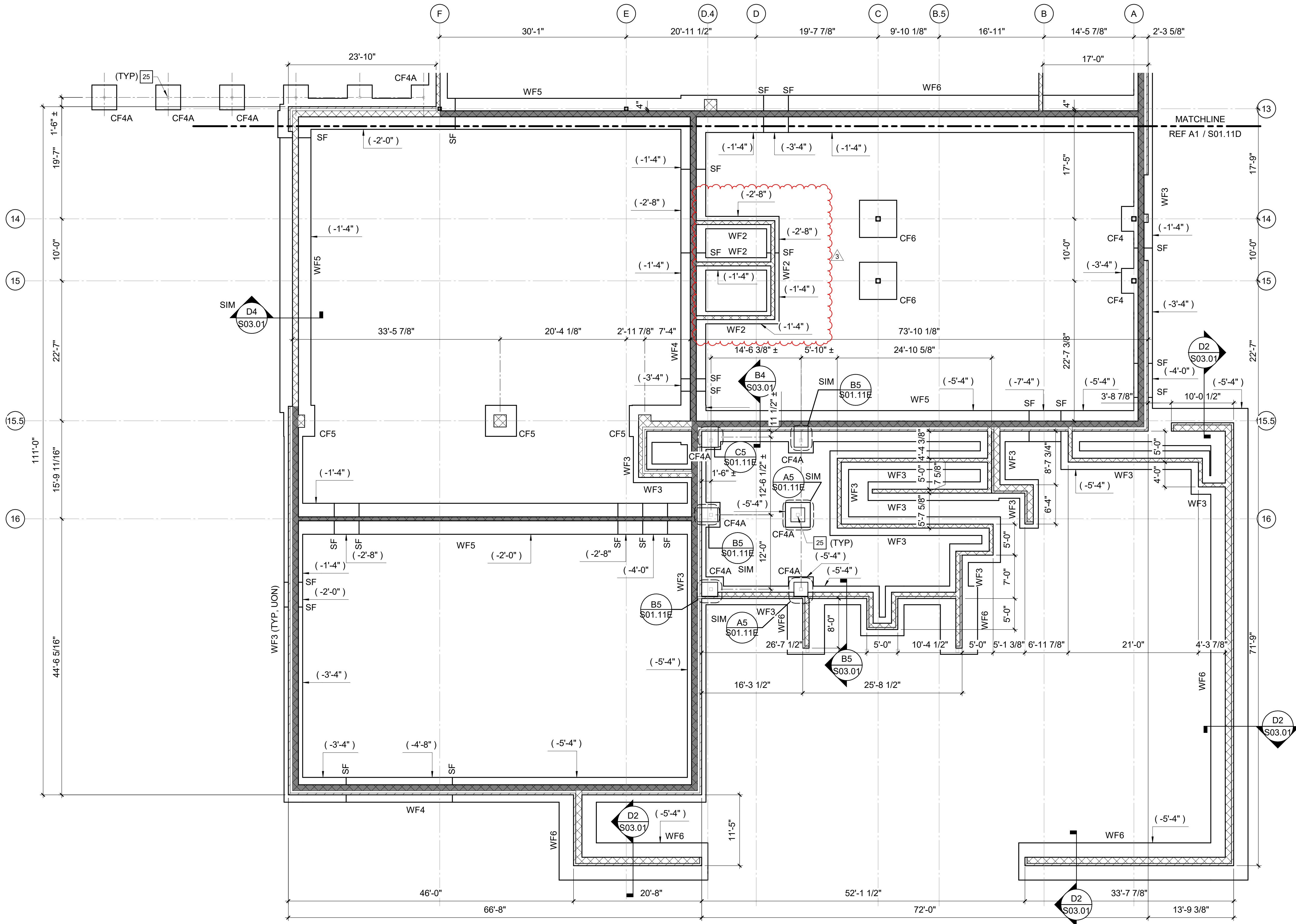
C

B

A

COLUMN FOOTING SCHEDULE						
MARK	SIZE			REINFORCING		
	LENGTH	WIDTH	DEPTH	BOTTOM	TOP	
CF3	3' - 0"	3' - 0"	1'-0"	(3) #5 EW	-	
CF4	4' - 0"	4' - 0"	1'-0"	(4) #5 EW	-	
CF4A	4' - 0"	4' - 0"	1'-6"	(6) #5 EW	(6) #5 EW	
CF5	5' - 0"	5' - 0"	1'-3"	(6) #5 EW	-	
CF5A	5' - 0"	5' - 0"	1'-6"	(8) #5 EW	(8) #5 EW	
CF6	6' - 0"	6' - 0"	1'-6"	(8) #5 EW	-	
CF7	7' - 0"	7' - 0"	1'-10"	(11) #5 EW	-	
CF7A	7' - 0"	7' - 0"	1'-10"	(11) #5 EW	(11) #5 EW	
CF10x7	10' - 0"	7' - 0"	2'-6"	(11) #6 LW, (15) #6 SW	(11) #6 LW, (15) #6 SW	

WALL FOOTING SCHEDULE				
MARK	SIZE		REINFORCING	
	WIDTH	DEPTH	CONTINUOUS	TRANSVERSE
WF2	2' - 0"	1'-0"	(3) #4 BOT	#4 AT 48" OC BOT
WF3	3' - 0"	1'-0"	(4) #4 BOT	#4 AT 48" OC BOT
WF4	4' - 0"	1'-0"	(4) #5 BOT	#4 AT 48" OC BOT
WF5	5' - 0"	1'-6"	(7) #5 T&B	#5 AT 12" OC T&B
WF6	6' - 0"	1'-6"	(8) #5 T&B	#5 AT 12" OC T&B

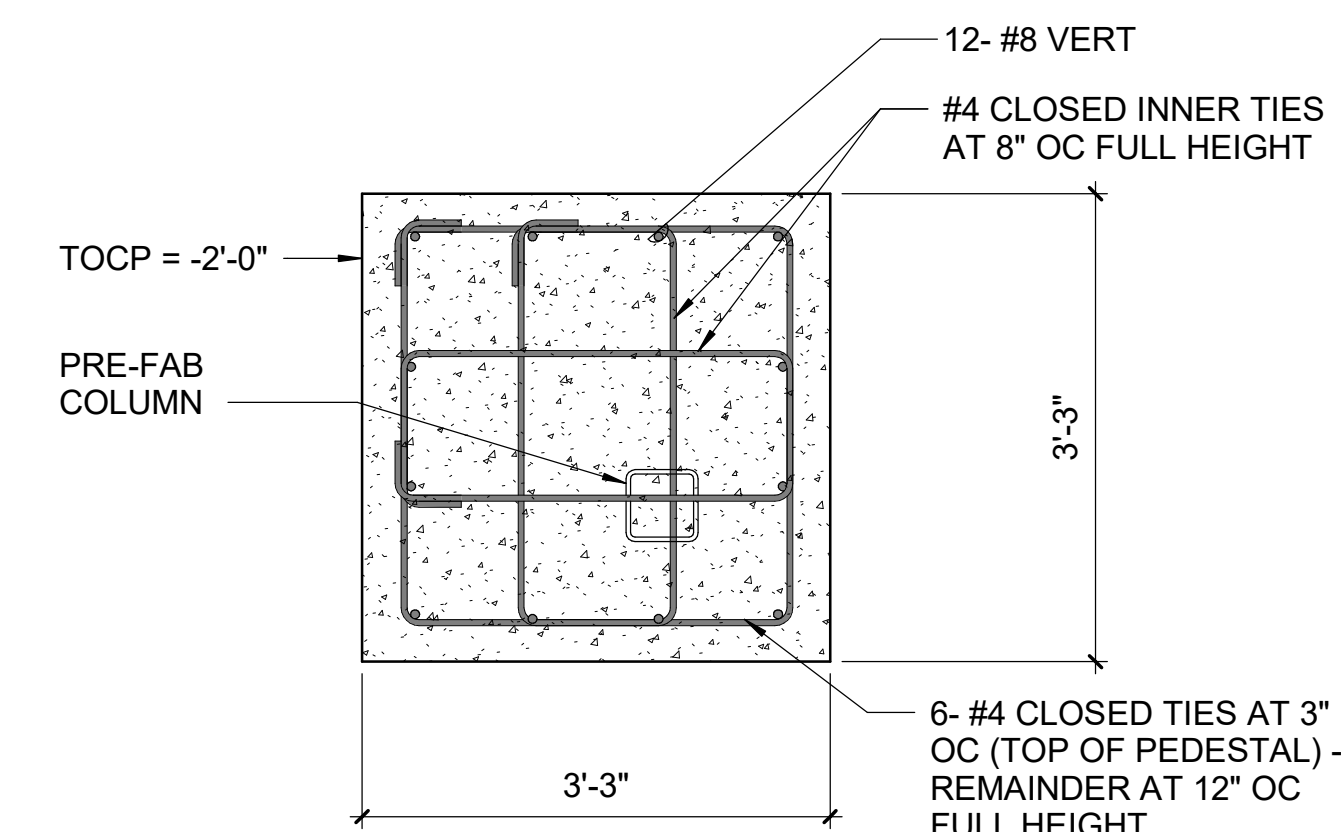


## FOUNDATION PLAN NOTES

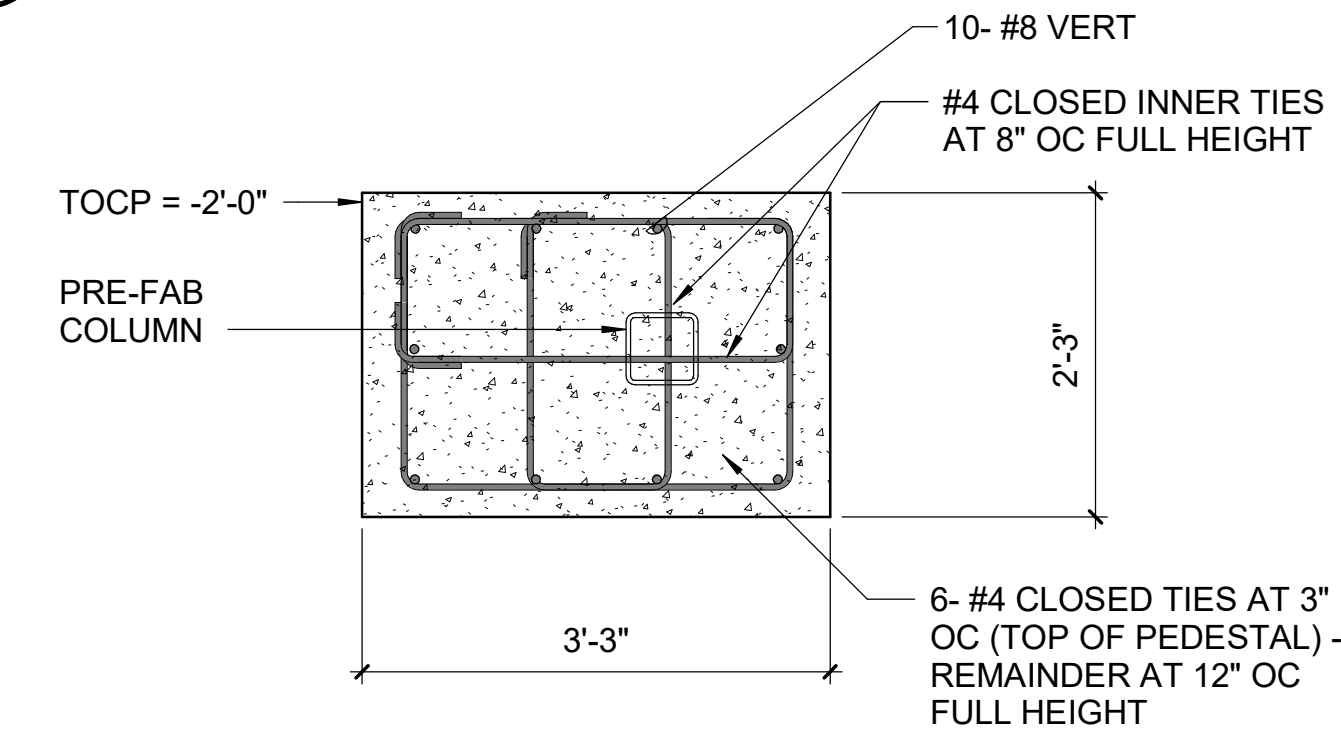
- REFERENCE ARCHITECTURAL DRAWINGS FOR DIMENSIONS TO NONBEARING WALLS, WALL CONTROL JOINTS AND OPENINGS.
- UNLESS OTHERWISE NOTED, ALL ELEVATIONS ARE BASED ON A FINISHED FIRST FLOOR REFERENCE OF 0'-0". ACTUAL FINISHED FLOOR ELEVATION IS 464.00'. FINISHED FLOOR ELEVATIONS AT EACH LEVEL ARE INDICATED ON SLAB PLANS. REFERENCE ARCHITECTURAL DRAWINGS FOR FINISHED FLOOR MATERIALS.
- TOP OF ALL FOOTINGS MUST BE AT ELEVATION -1'-4" UNLESS OTHERWISE NOTED.
- NOT ALL UTILITY LOCATIONS ARE SHOWN ON PLAN. THE CONTRACTOR MUST COORDINATE THE LOCATIONS, SIZES, AND INVERTS OF UTILITIES. AT LOCATIONS WHERE UTILITIES PASS BELOW THE TOP OF FOOTING ELEVATION, STEP THE TOP OF FOOTING DOWN ON EACH SIDE PER THE "STEPPED FOOTING DETAIL" AND SLEEVE THE UTILITY THROUGH THE FOUNDATION WALL. THE CONTRACTOR MAY, AT HIS/HER OPTION, SLEEVE THE UTILITY THROUGH THE FOUNDATION PER THE "UTILITY SLEEVE DETAIL".
- UNLESS OTHERWISE INDICATED, EXTEND WALL FOOTINGS A MINIMUM OF 16 INCHES BEYOND ENDS OF WALLS.
- DIMENSIONS SHOWN ON FOUNDATION PLAN ARE TO COLUMN GRIDLINES AND OUTSIDE FACE OF FOUNDATION WALLS, UNLESS OTHERWISE NOTED.

## KEY NOTES

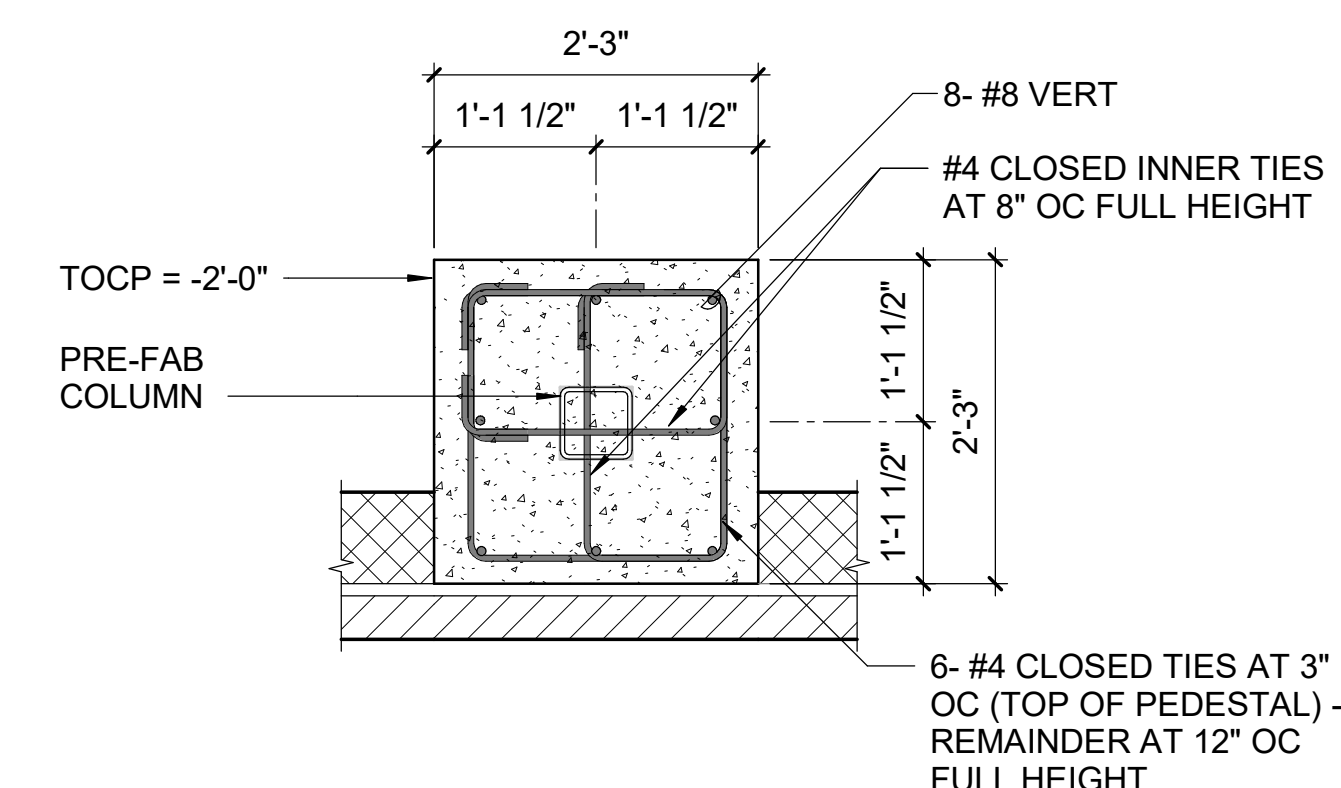
- 25 PREFABRICATED CANOPY COLUMN - REFER TO TYPICAL PREFABRICATED CANOPY FOOTING DETAIL. CONTRACTOR SHALL COORDINATE CONCRETE PEDESTAL AND FOOTING LOCATION WITH PRE-FABRICATED CANOPY DIMENSIONS.



**C5** PLAN DETAIL  
3/4" = 1'-0"



**B5** PLAN DETAIL  
3/4" = 1'-0"



**A5** PLAN DETAIL  
NTS

**A1** LEVEL 1 FOUNDATION PLAN - AREA E  
1/8" = 1'-0"



Wake County  
Public School  
System



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Structural Engineers  
301 N West St., Suite 105  
Raleigh, NC 27603  
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LM Project Number: LMXX.XXX  
Corporation No. C-4360



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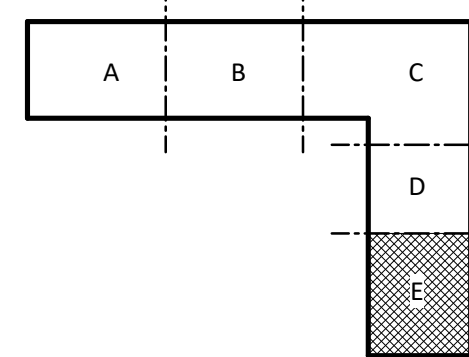
Swift Creek Elementary  
School

5601 Tryon Rd Raleigh, NC 27606

LS3P PROJECT: 8201-207411

DATE	DESCRIPTION
3/4/23/24	Addendum 3

KEY PLAN:



SHEET NAME:  
LEVEL 1  
FOUNDATION PLAN  
- AREA E

BID SET SUBMISSION: 2024.04.10

SHEET:  
**S01.11E**

BID SET



**A**

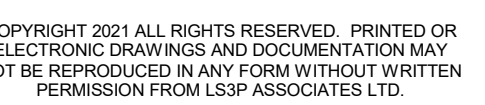

$$\frac{1}{8}'' = 1'-0''$$


03 4" CONCRETE SLAB-ON-GRADE OVER VAPOR RETARDER AND 4"  
DEPTH OF POROUS FILL (NCDOT AGGREGATE BASE COURSE)  
UNLESS OTHERWISE INDICATED. REINFORCE SLAB WITH  
6x6-W2, 1xw2.1 WELDED WIRE REINFORCING PLACED 1 1/2" CLEAR  
BELOW TOP OF SLAB. MAINTAIN REINFORCEMENT IN POSITION ON  
BOLSTERS, CHAIRS OR SPACERS DURING CONCRETE PLACEMENT.

23 CONCRETE HOUSEKEEPING PAD AT MECHANICAL EQUIPMENT -  
REFER TO TYPICAL DETAIL, COORDINATE EXACT SIZE AND  
LOCATION WITH MECHANICAL DRAWINGS.

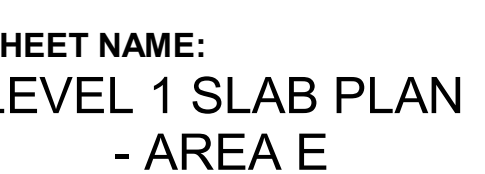
24 CONCRETE STAIR ON GRADE. REFERENCE TYPICAL DETAIL.

25 EXTERIOR EQUIPMENT PAD AT MECHANICAL EQUIPMENT. REFER  
TO TYPICAL DETAIL, COORDINATE EXACT SIZE AND LOCATION WITH  
MECHANICAL DRAWINGS.



LS3P PROJECT: 8201-207411

### KEY PLAN:



HEET:  
**S01.12E**

## QID SET



A

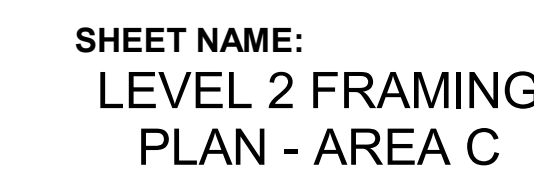


- A. REFERENCE FOUNDATION PLAN AND ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.
- B. TOP OF FINISHED FLOOR ELEVATION SHALL BE AS NOTED ON SLAB PLANS.
- C. COMPOSITE STEEL BEAM FRAMING MUST BE EQUALLY SPACED BETWEEN POINTS OF KNOWN DIMENSIONS (NOT TO EXCEED 8'-6" ON-CENTER).
- D. STEEL ROOF FRAMING SUPPORTING 1 1/2" STEEL ROOF DECK MUST BE EQUALLY SPACED BETWEEN POINTS OF KNOWN DIMENSIONS (NOT TO EXCEED 8'-6" ON-CENTER).
- E. CONCRETE ON ELEVATED METAL DECKS MUST BE POURED TO THE THICKNESS INDICATED.
- F. PROVIDE BOTTOM CHORD EXTENSIONS AT ALL JOISTS ON COLUMN CENTERLINES.
- G. AT STEEL ROOF FRAMING, BOTTOM OF DECK ELEVATIONS ARE SHOWN ON PLAN. INTERMEDIATE ELEVATIONS SHALL BE STRAIGHT LINES BETWEEN GIVEN ELEVATIONS. INTERPOLATE AS REQUIRED FOR INTERMEDIATE BEARING ELEVATIONS, UNLESS OTHERWISE NOTED.
- H. COORDINATE AND VERIFY ALL MEMBER LOCATIONS, DIMENSIONS, WEIGHTS, OPENING SIZES, AND CURB DIMENSIONS FOR ALL MECHANICAL EQUIPMENT WITH THE ACTUAL EQUIPMENT FURNISHED. INCLUDE THIS INFORMATION ON THE JOIST AND STRUCTURAL STEEL SHOP DRAWINGS.

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S3P PROJECT: 8201-207411

KEY PLAN:



**BID SET** 2024.04.10  
**SUBMISSION:**

SHEET: **S01.21C**

BID SET



**A**

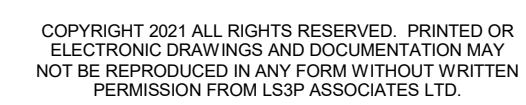


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1/8" = 1'-0"



- A. REFERENCE FOUNDATION PLAN AND ARCHITECTURAL DRAWINGS FOR DIMENSIONS NOT SHOWN.
- B. TOP OF FINISHED FLOOR ELEVATION SHALL BE AS NOTED ON SLAB PLANS.
- C. COMPOSITE STEEL BEAM FRAMING MUST BE EQUALLY SPACED BETWEEN POINTS OF KNOWN DIMENSIONS (NOT TO EXCEED 8'-6" ON-CENTER).
- D. STEEL ROOF FRAMING SUPPORTING 1 1/2" STEEL ROOF DECK MUST BE EQUALLY SPACED BETWEEN POINTS OF KNOWN DIMENSIONS (NOT TO EXCEED 5'-6" ON-CENTER).
- E. CONCRETE ON ELEVATED METAL DECKS MUST BE POURED TO THE THICKNESS INDICATED.
- F. PROVIDE BOTTOM CHORD EXTENSIONS AT ALL JOISTS ON COLUMN CENTERLINES.
- G. AT STEEL ROOF FRAMING, BOTTOM OF DECK ELEVATIONS ARE SHOWN ON PLAN. INTERMEDIATE ELEVATIONS SHALL BE STRAIGHT LINES BETWEEN GIVEN ELEVATIONS. INTERPOLATE AS REQUIRED FOR INTERMEDIATE BEARING ELEVATIONS, UNLESS OTHERWISE NOTED.
- H. COORDINATE AND VERIFY ALL MEMBER LOCATIONS, DIMENSIONS, WEIGHTS, OPENING SIZES, AND CURB DIMENSIONS FOR ALL MECHANICAL EQUIPMENT WITH THE ACTUAL EQUIPMENT FURNISHED. INCLUDE THIS INFORMATION ON THE JOIST AND STRUCTURAL STEEL SHOP DRAWINGS.



29 HSS4x4x1/4 OUTRIGGERS AT 4'-0" ON CENTER MAXIMUM.  
34 HSS6x6x3/8 HANGER - REFER TO TYPICAL DETAIL.

S3P PROJECT: 8201-207411

[illegible]

A	B	C
	D	E

BID SET 2024.04.10  
SUBMISSION:

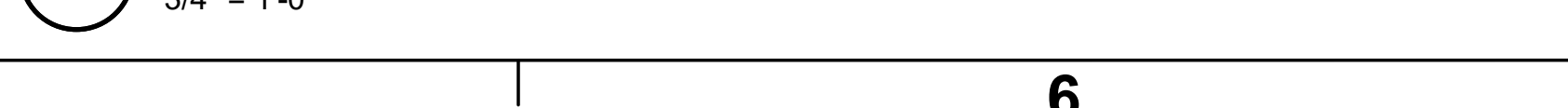
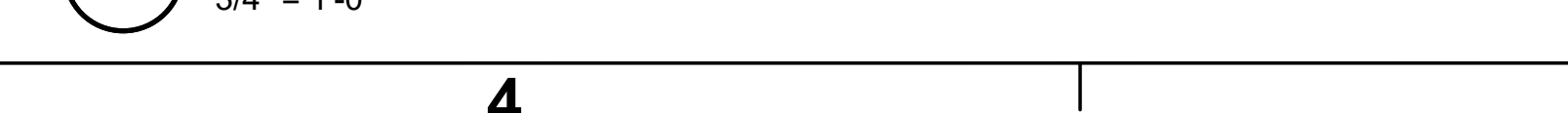
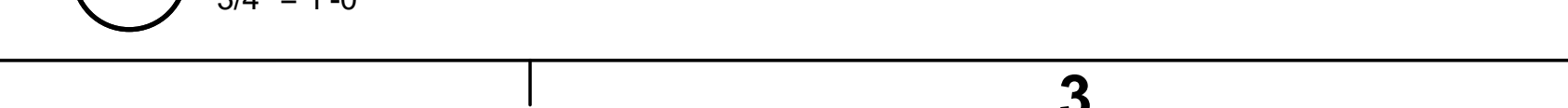
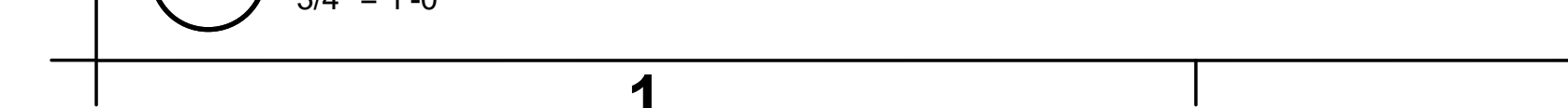
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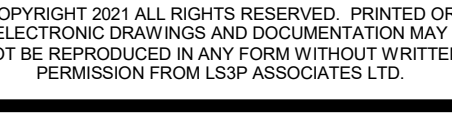




**WID SET**





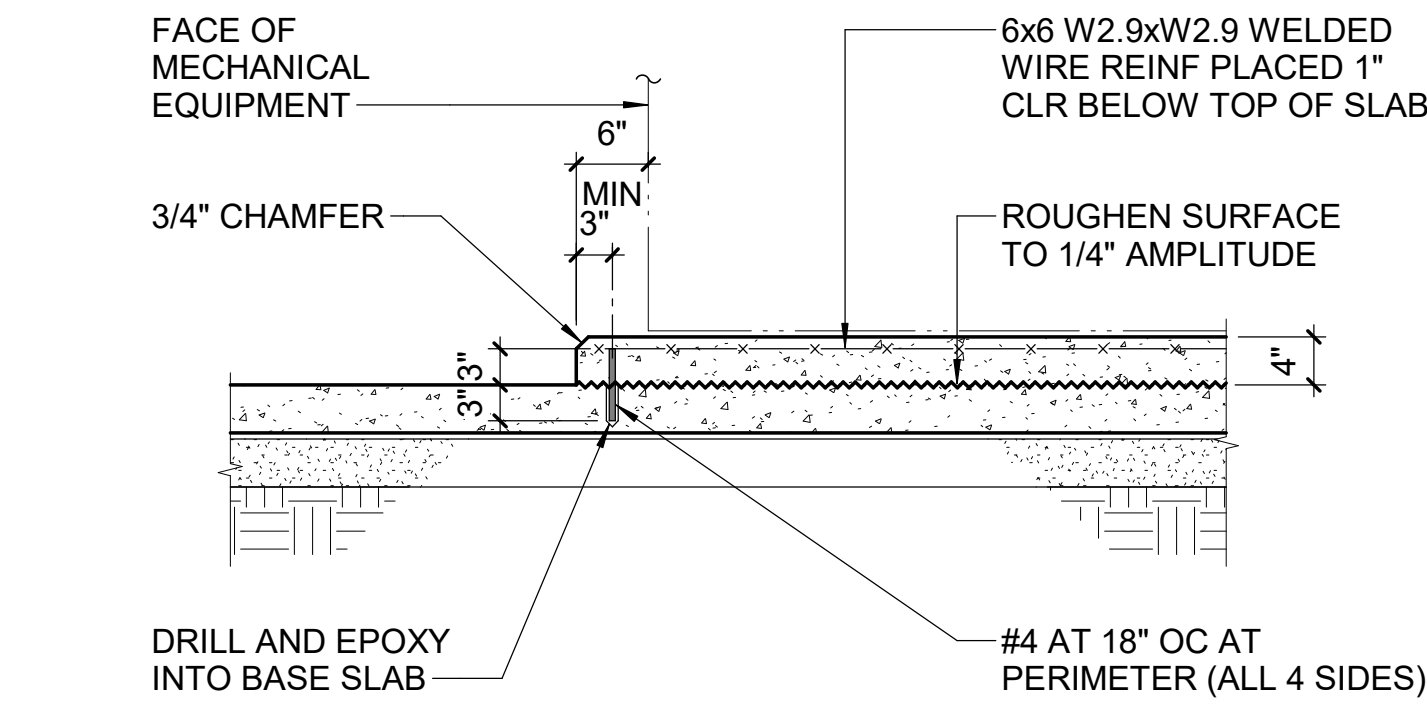


## BID SE



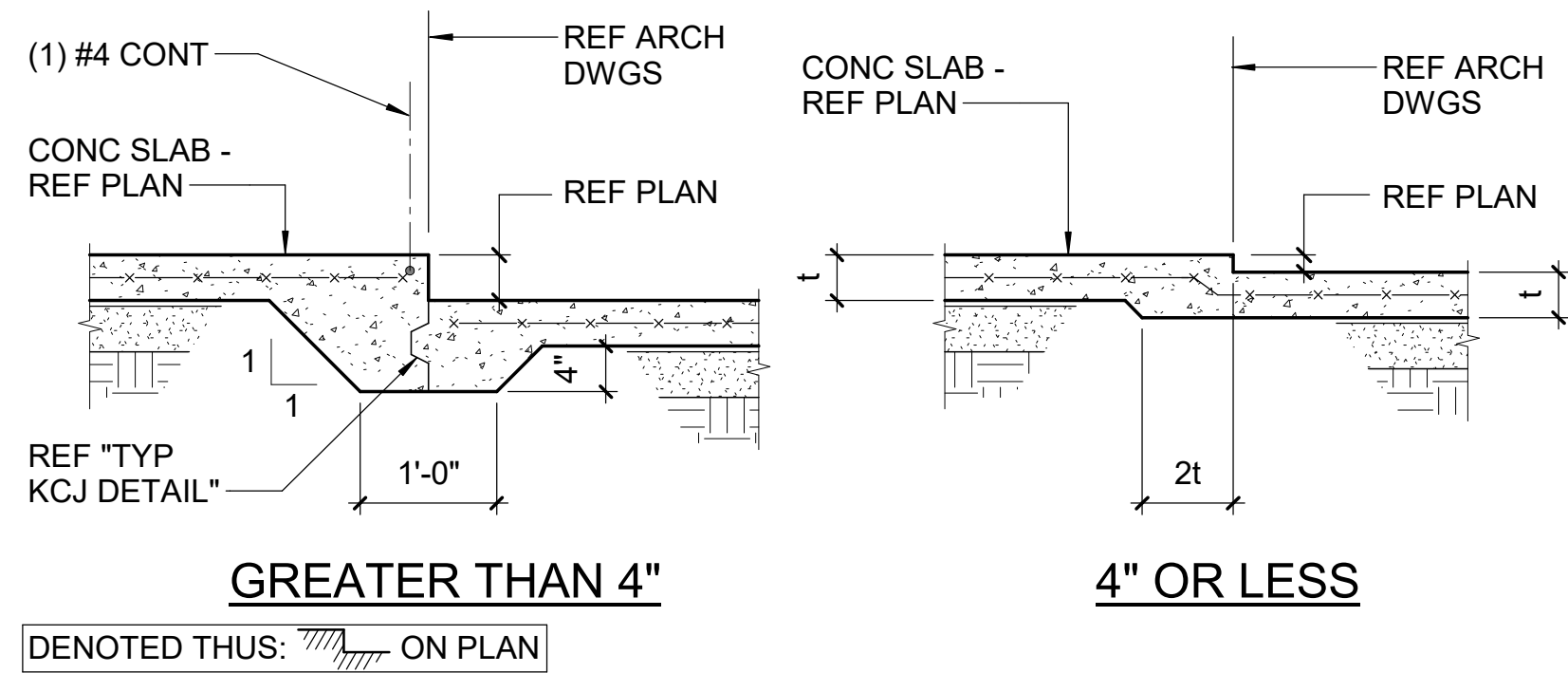
THE LINE SHOWN ABOVE IS EXACTLY ONE FOOT ABOVE THE FINISHED FLOOR FINISH

E



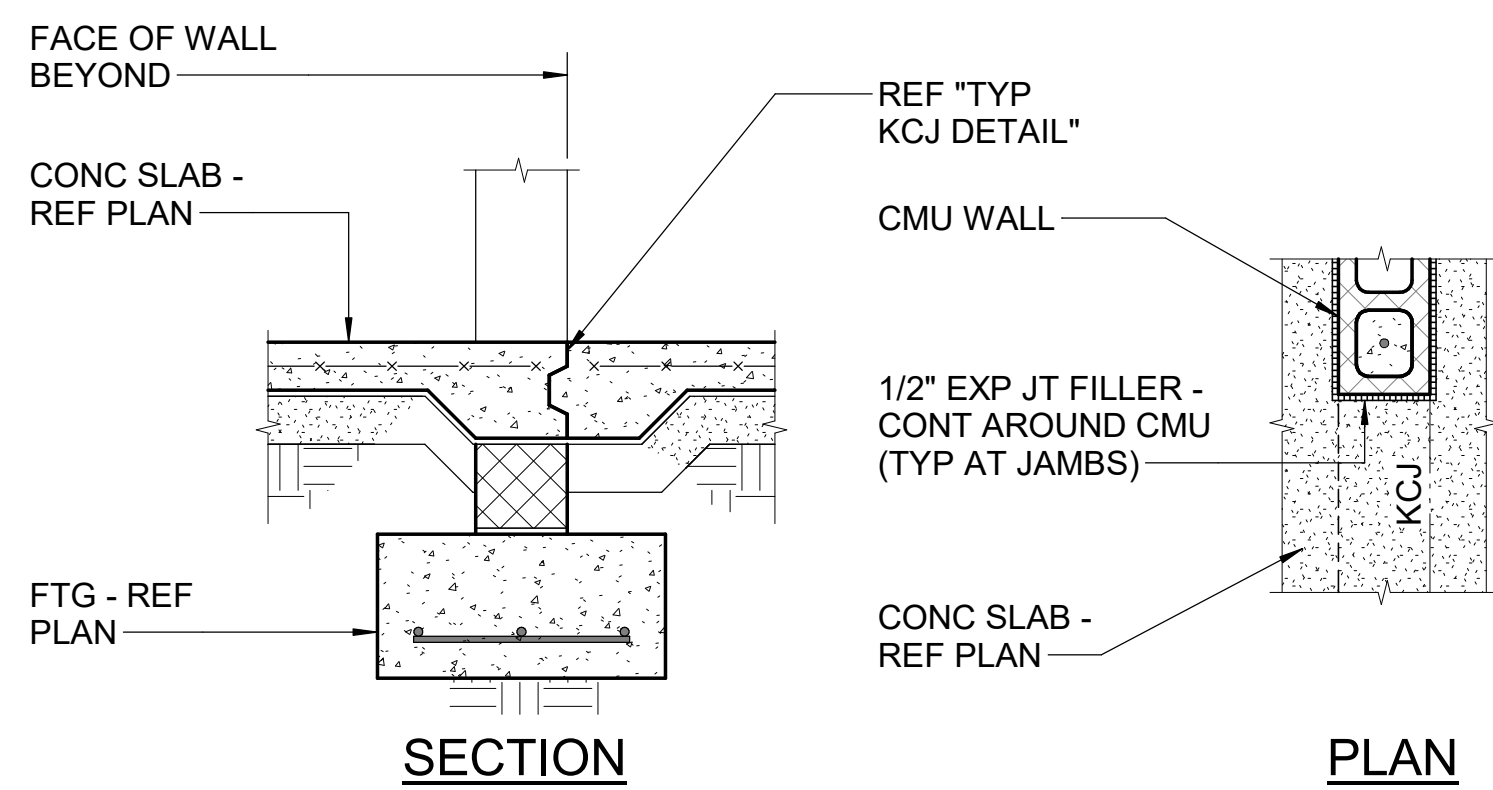
E1 TYPICAL HOUSEKEEPING PAD DETAIL  
NTS

D



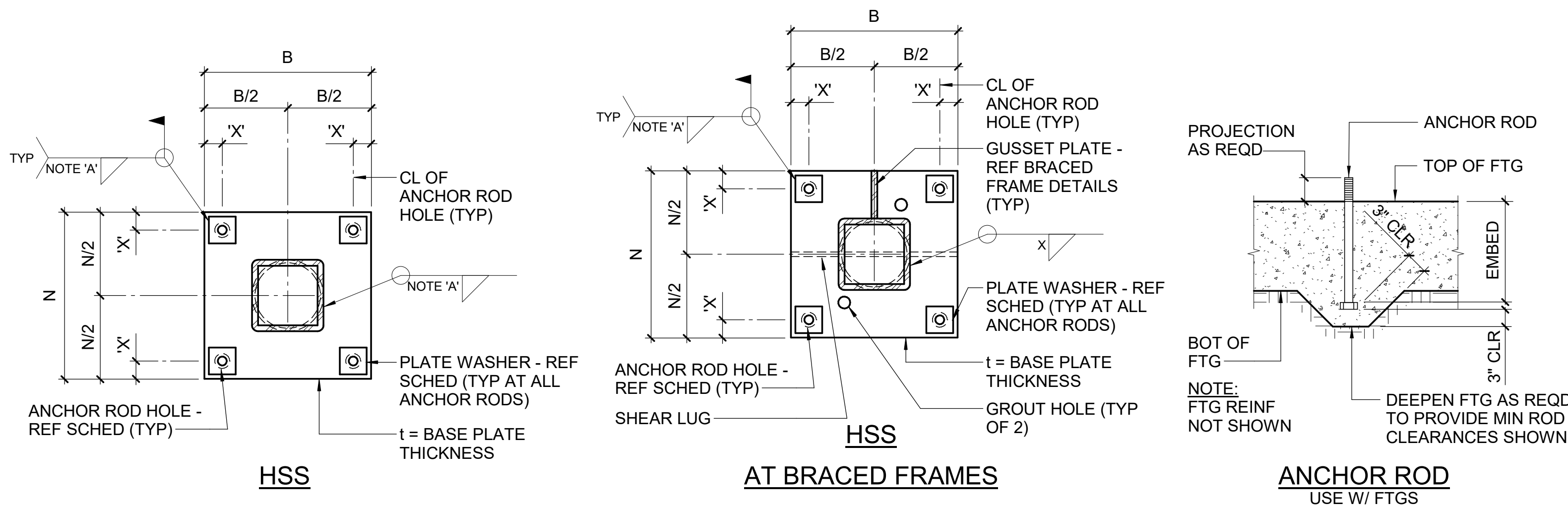
D1 TYPICAL DEPRESSED SLAB DETAIL  
NTS

C



C1 TYPICAL DETAIL AT INTERIOR DOOR OPENINGS  
NTS

B



B4 TYPICAL EXTERIOR DOORS / OPENINGS DETAIL  
NTS

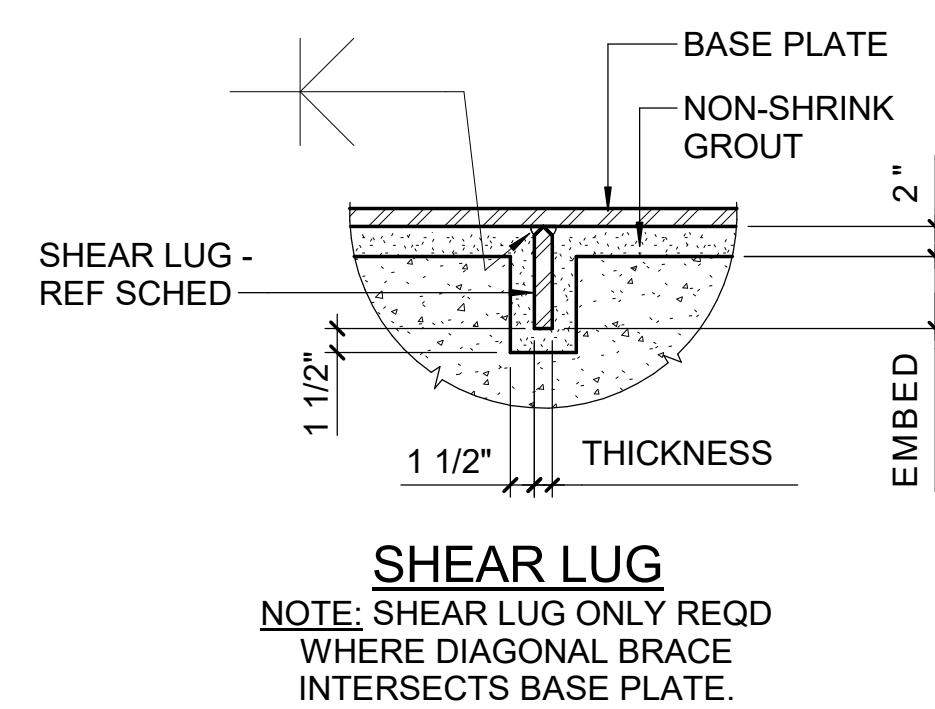
A

COLUMN BASE PLATE SCHEDULE										
MARK	COLUMN BASE PLATE SIZE				ANCHOR RODS			SHEAR LUGS		
	B	t	N	HOLE DIAMETER	X" = EDGE DISTANCE	DIAMETER	QUANTITY	EMBED	THICKNESS	EMBED
BP-A	12"	3/4"	12"	1 5/16"	1 1/2"	3/4"	4	9"		
BP-B	15"	3/4"	15"	1 5/16"	1 1/2"	3/4"	4	9"		
BP-C	15"	1 1/4"	15"	1 13/16"	2"	1"	4	12"	1 1/4"	5"
BP-D	12"	1 1/4"	12"	1 13/16"	1 1/2"	1"	4	9"	1 1/4"	5"
BP-E	11"	3/4"	11"	1 5/16"	1 1/2"	3/4"	4	9"		

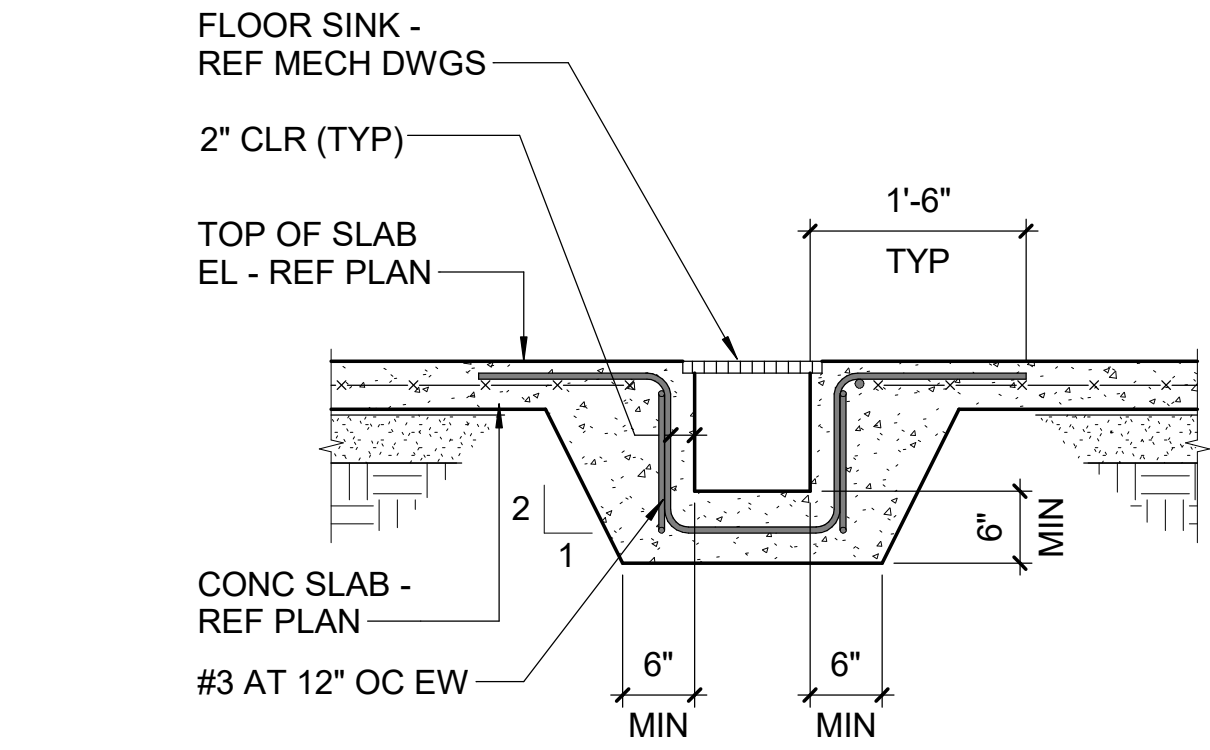
NOTE:  
A. PROVIDE MINIMUM SIZE WELD PER AISC TABLE J2.4.  
B. AT THE GENERAL CONTRACTOR'S OPTION, WHEN BASE PLATES ARE LESS THAN 1 1/4" THICK, USE 1 1/16" Ø PUNCHED HOLES FOR 3/4" Ø RODS WITH STD ASTM F844 WASHERS IN LIEU OF PLATE WASHERS.

A1 BASE PLATE & ANCHOR ROD DETAILS  
NTS

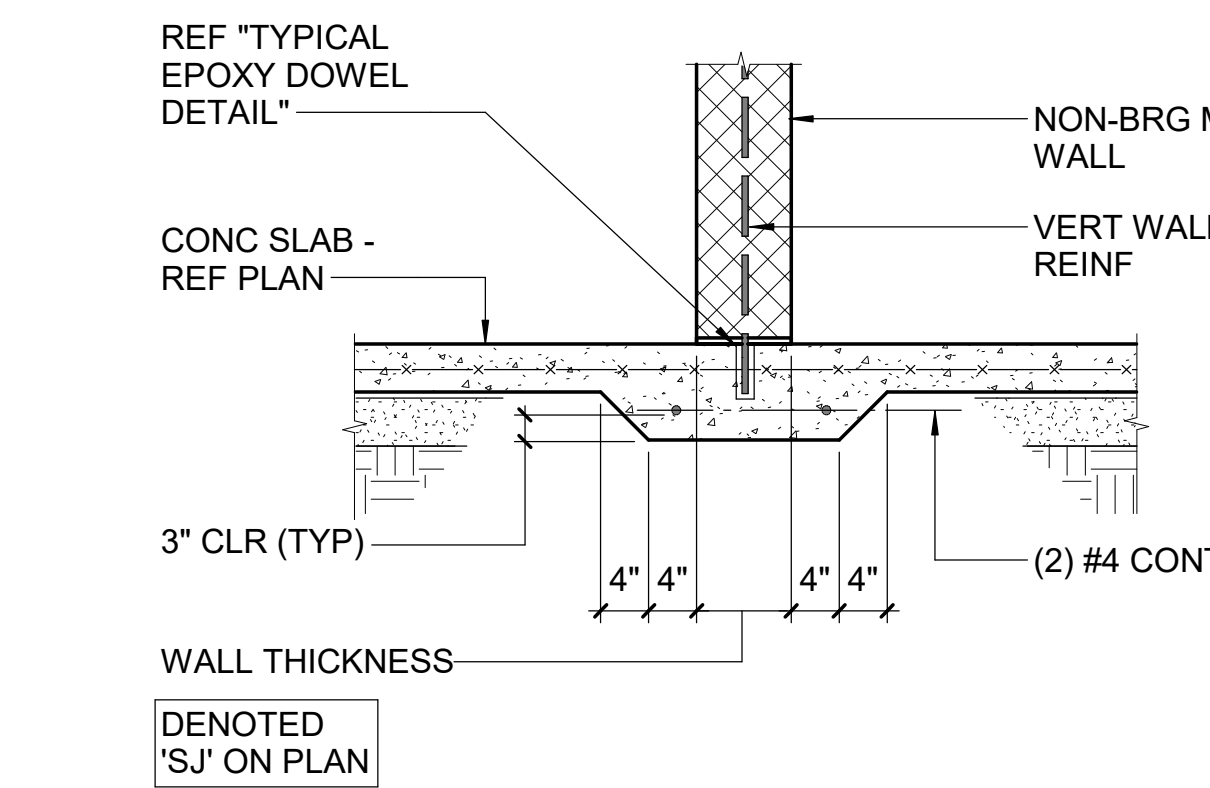
PLATE WASHER SCHEDULE				
ANCHOR ROD	SIZE	HOLE DIAMETER	THICKNESS	
3/4" Ø	2" SQ	13/16"	1/4"	
7/8" Ø	2 1/2" SQ	1 15/16"	5/16"	
1" Ø	3" SQ	1 1/16"	3/8"	
1 1/4" Ø	3 1/2" SQ	1 5/16"	1/2"	
1 1/2" Ø	4" SQ	1 9/16"	1/2"	
1 3/4" Ø	4 1/2" SQ	1 13/16"	5/8"	
2" Ø	5" SQ	2 1/16"	3/4"	
2 1/2" Ø	5 1/2" SQ	2 9/16"	7/8"	



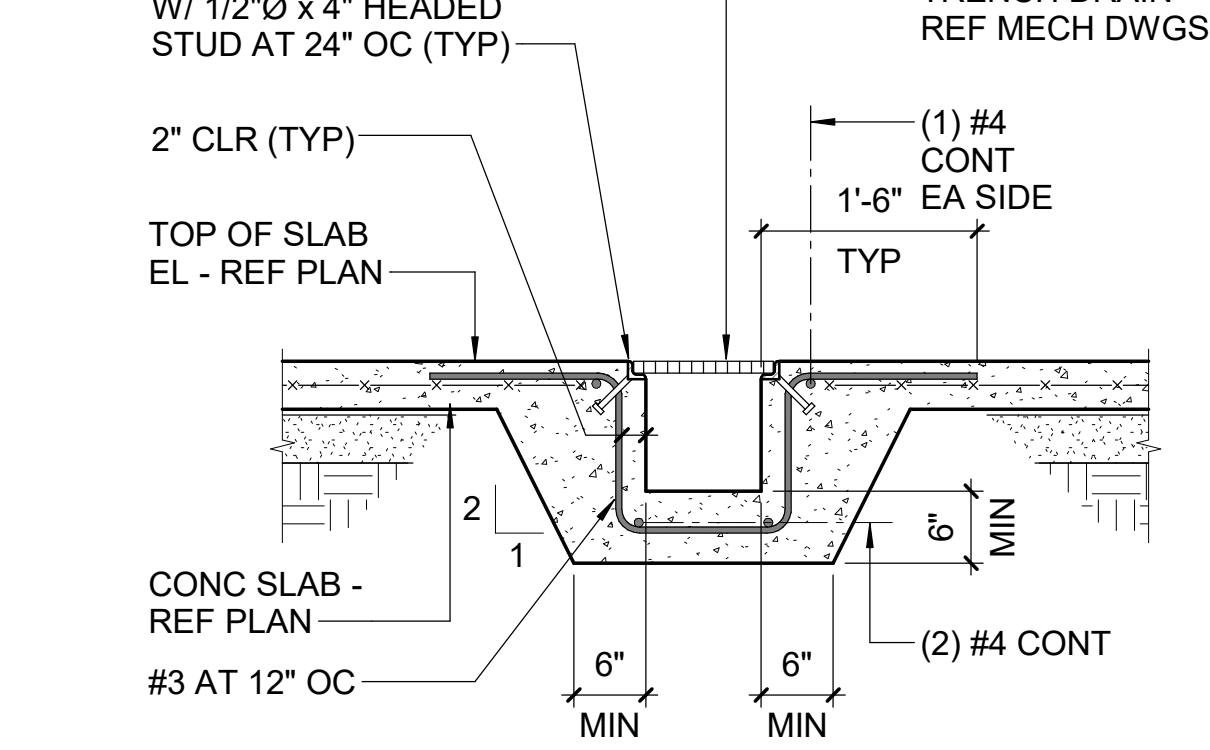
A4 TYPICAL SAWED JOINT DETAIL  
NTS



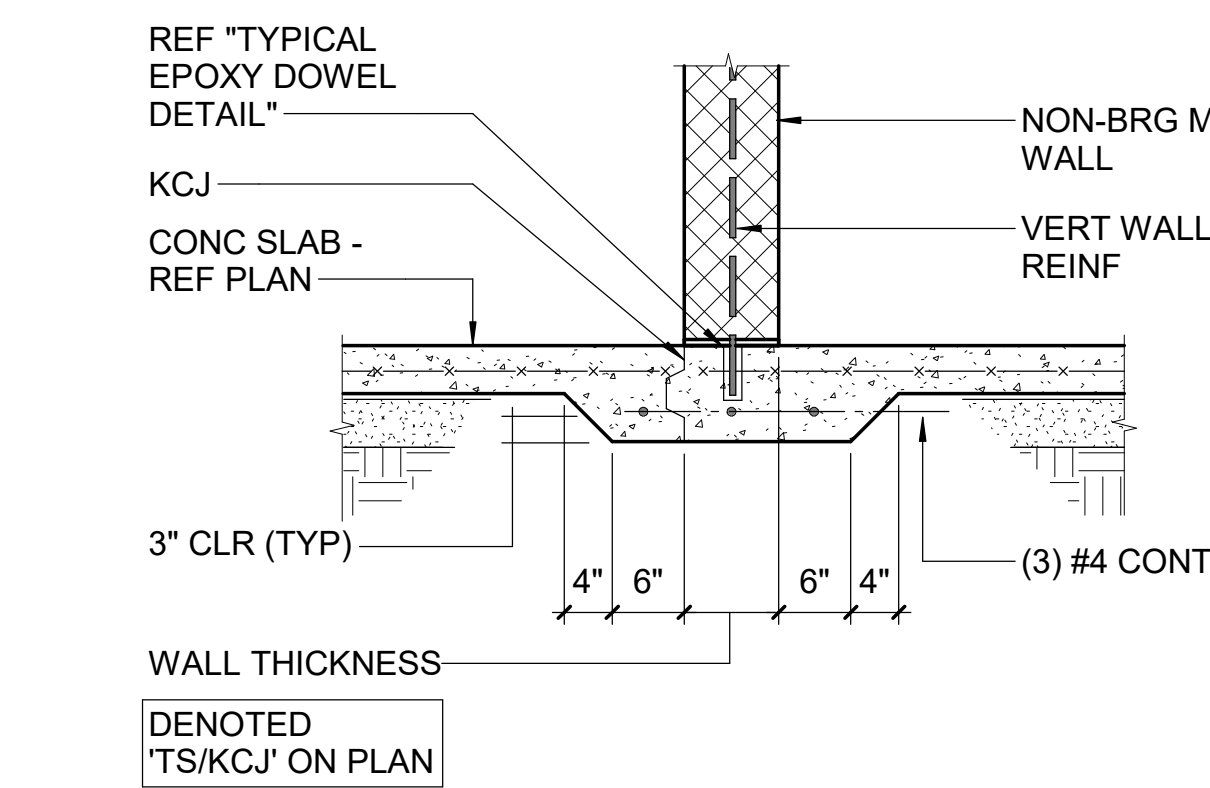
E2 TYPICAL FLOOR SINK DETAIL  
NTS



D2 TYPICAL THICKENED SLAB DETAIL  
NTS



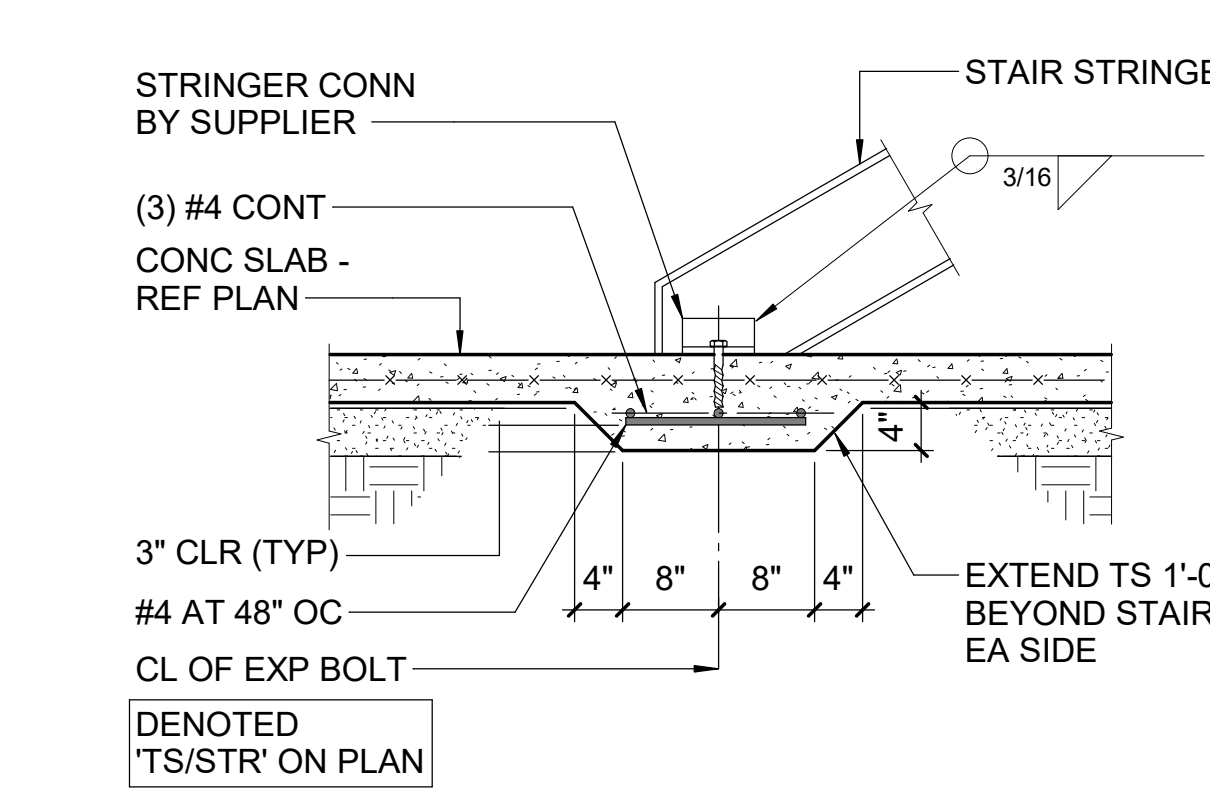
E4 TYPICAL TRENCH DRAIN DETAIL  
NTS



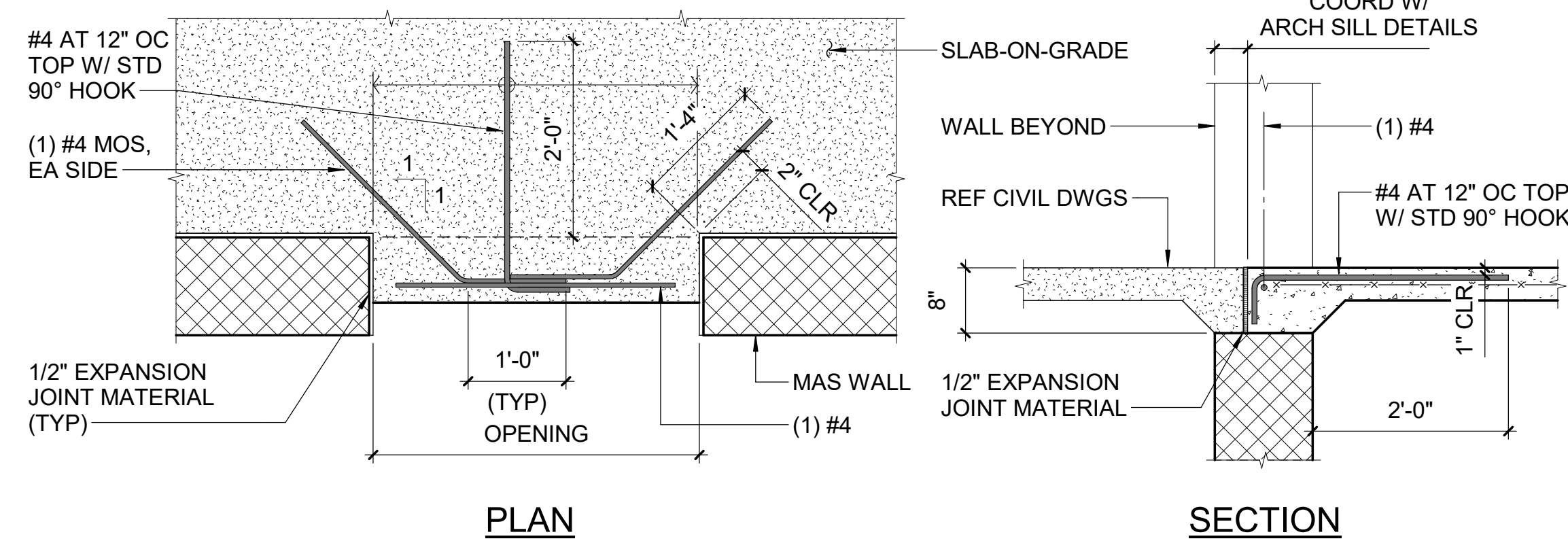
D4 TYPICAL THICKENED SLAB / KEYED CONSTRUCTION JOINT DETAIL  
NTS



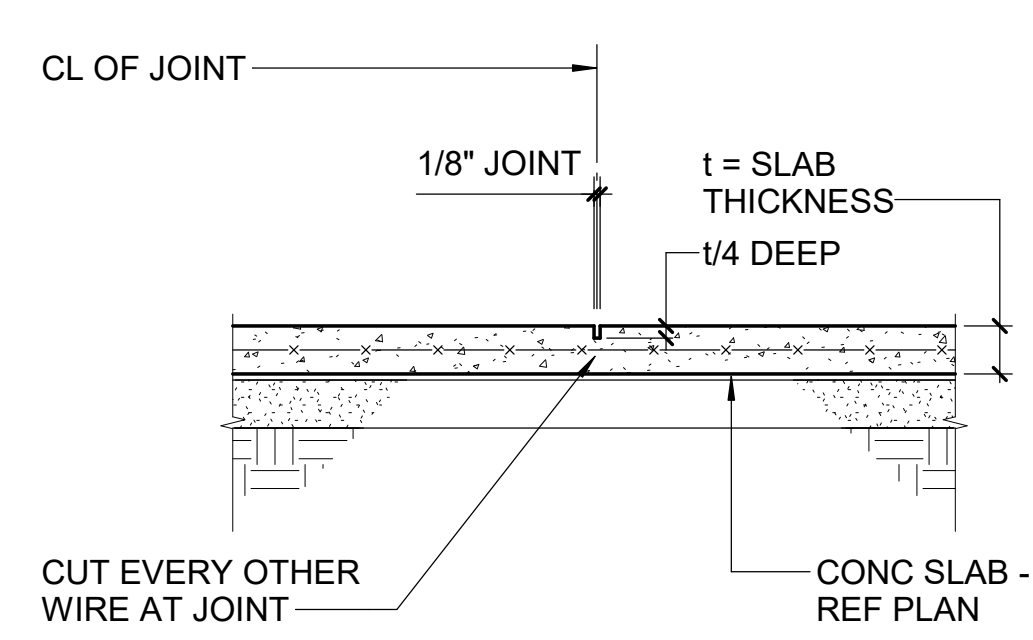
D5 TYPICAL THICKENED SLAB AT STAIR LANDING DETAIL  
NTS



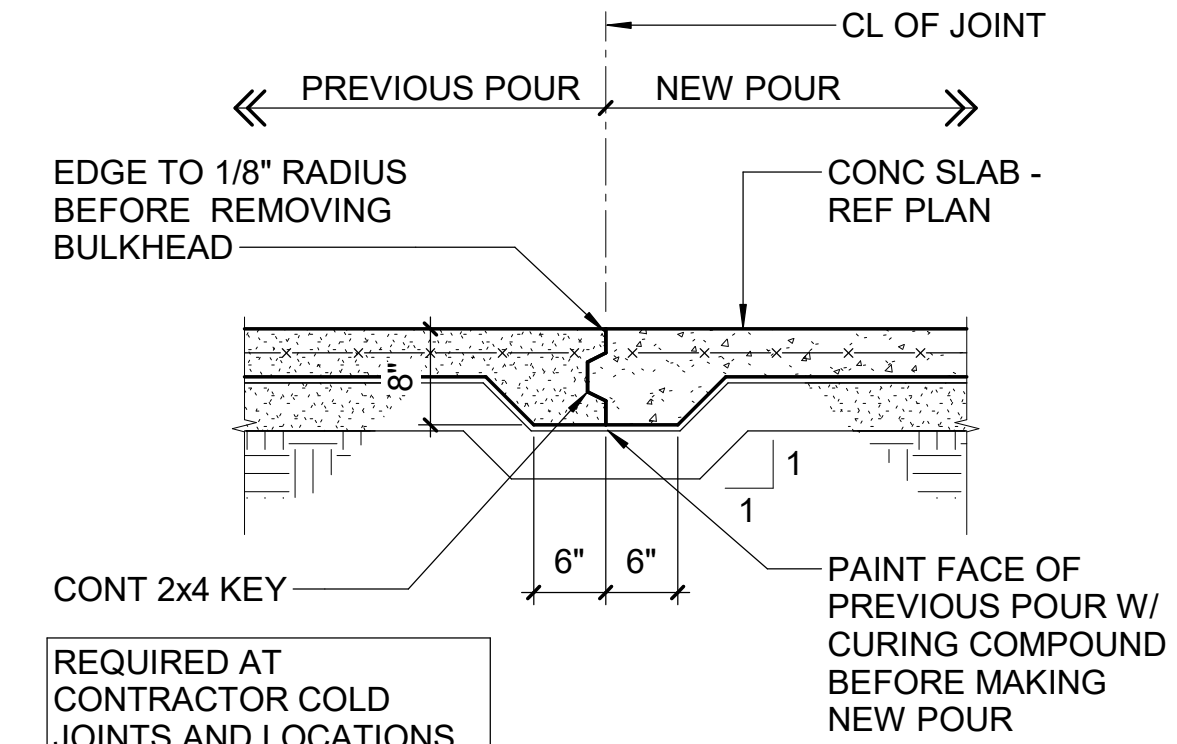
C4 TYPICAL COLUMN ISOLATION JOINT DETAIL  
NTS



B4 TYPICAL EXTERIOR DOORS / OPENINGS DETAIL  
NTS



A4 TYPICAL SAWED JOINT DETAIL  
NTS



A5 TYPICAL KEYED CONSTRUCTION JOINT DETAIL  
NTS



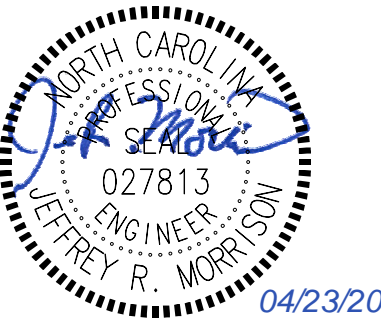
Wake County  
Public School  
System

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CALCULATE, COLLABORATE, CREATE.

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LM Project Number: LMXX-XXX  
Corporation No. C-4360



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Swift Creek Elementary  
School

5601 Tryon Rd Raleigh, NC 27606

LS3P PROJECT: 8201-207411

DATE	DESCRIPTION
3/4/23/24	Addendum 3

SHEET NAME:  
TYPICAL DETAILS

BID SET SUBMISSION: 2024.04.10

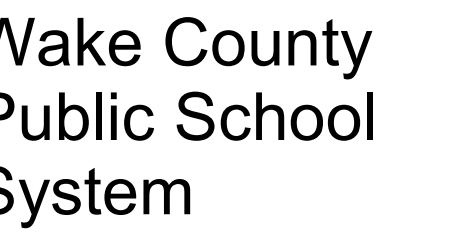
SHEET:  
S05.02

BID SET

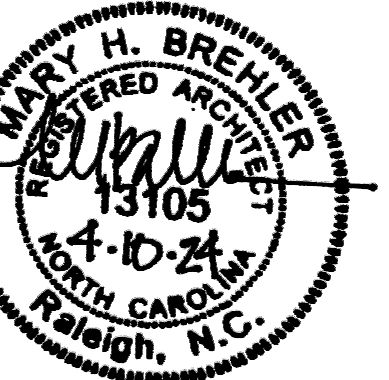








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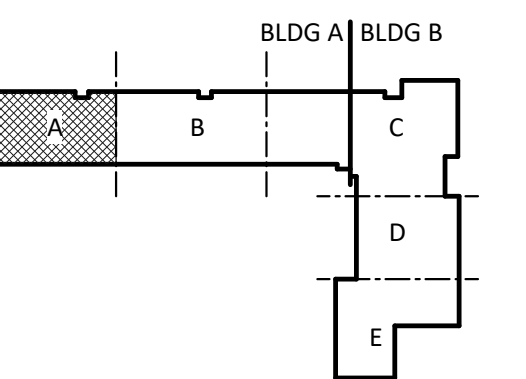
# Swift Creek Elementary School

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L33F PROJECT: 0201\*201411

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KEY PLAN:

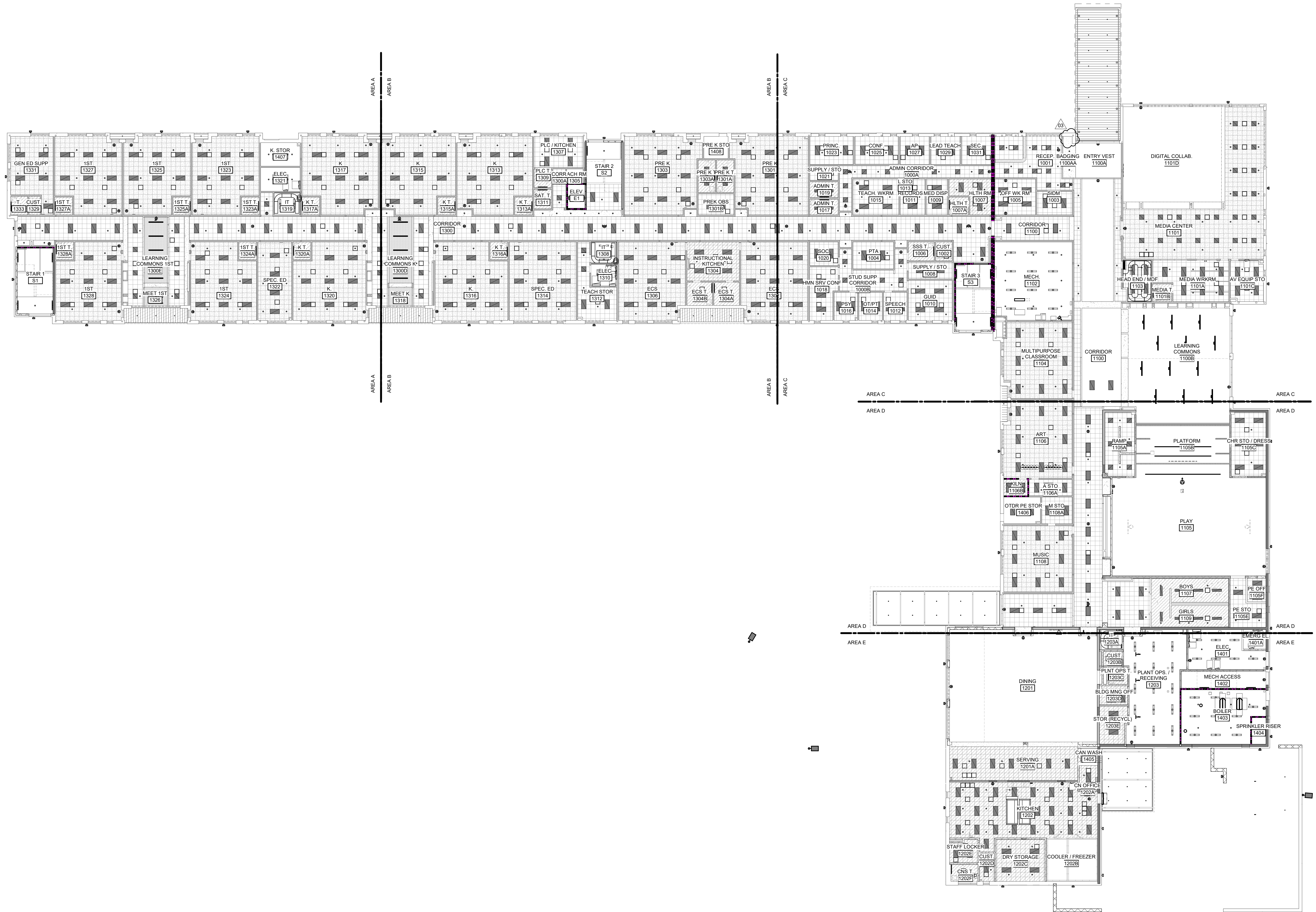


HEET NAME:  
REFLECTED  
CEILING PLAN-  
LEVEL 1

ID SET 2024.04.10  
 SUBMISSION:

HEET: **A01.11**

SET



THE LINE SHOWN ABOVE IS EXACTLY  
ONE INCH LONG AT THIS SHEETS  
ORIGINAL PAGE SIZE

## E

D

**C**

**B**

**A**

**A1**

## OVERALL RCP-LEVEL 1

$$1/16'' = 1'-0''$$

1

2

3

4

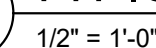
5

6

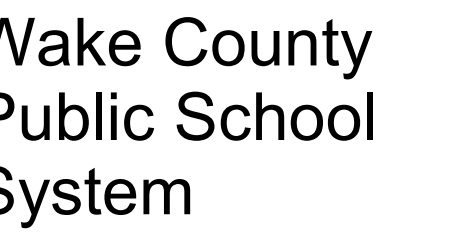


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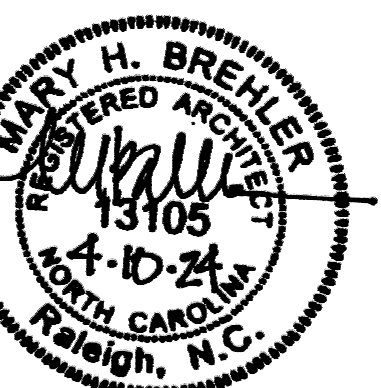








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JOHN H. KATZ, NC 27000

LS3P PROJECT: 8201-207411

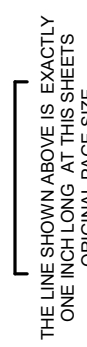
[illegible]

HEET NAME:  
WALL SECTIONS

ID SET 2024.04.10  
SUBMISSION:

HEET: **A03.11**

ID SET



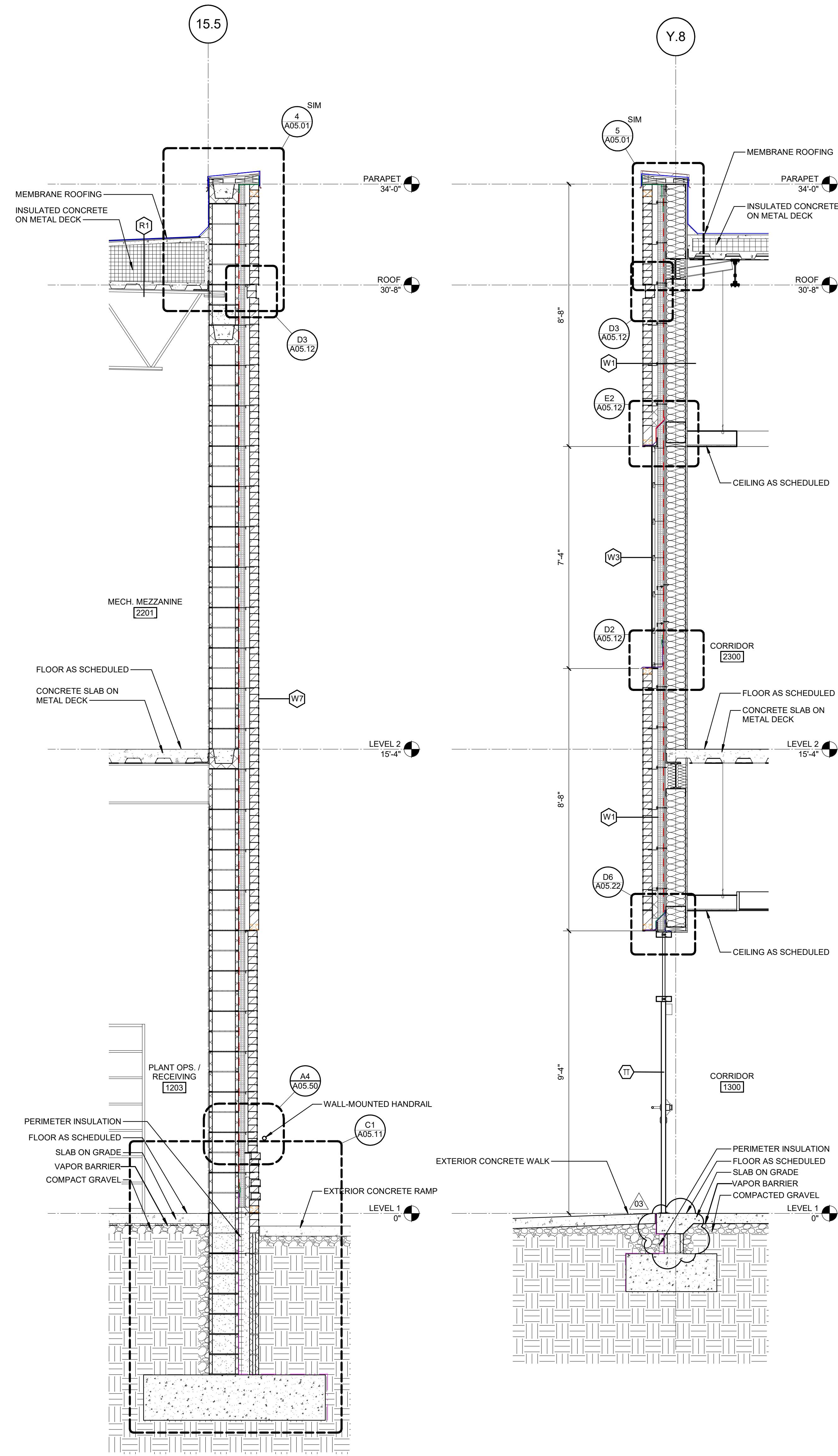
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**D**

**C**

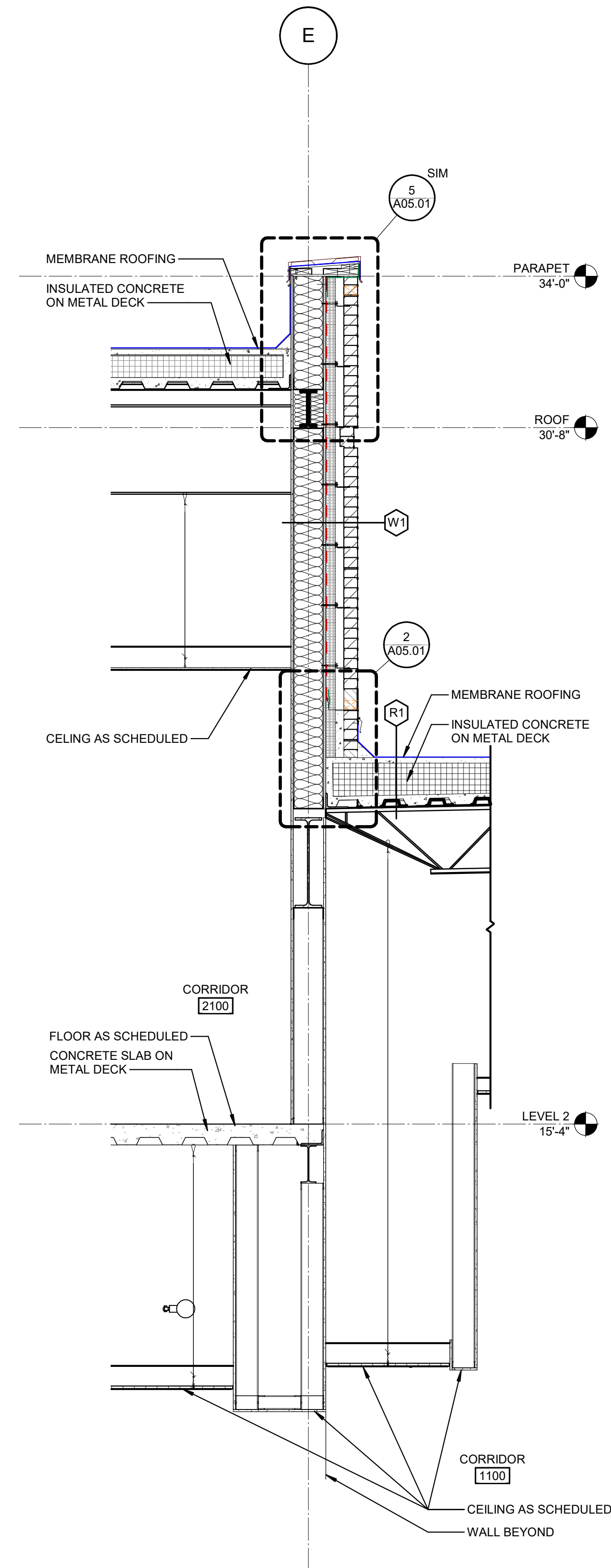
**B**

**A**

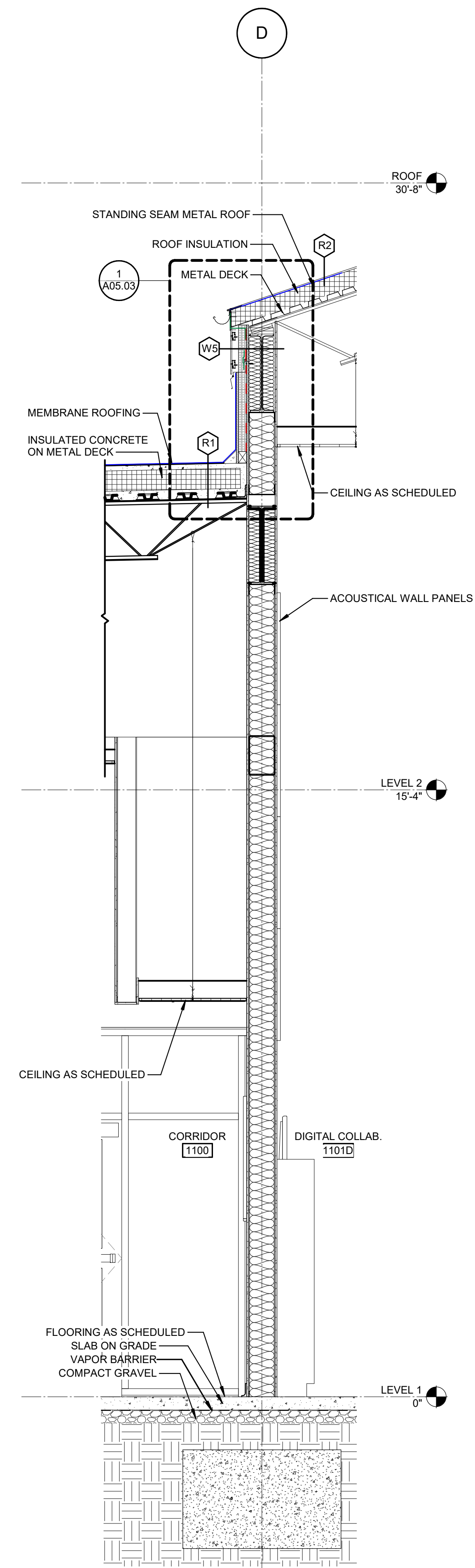


(A1) WALL SECTION @ PLANT OPS SOUTH  
1/2" = 1'-0"

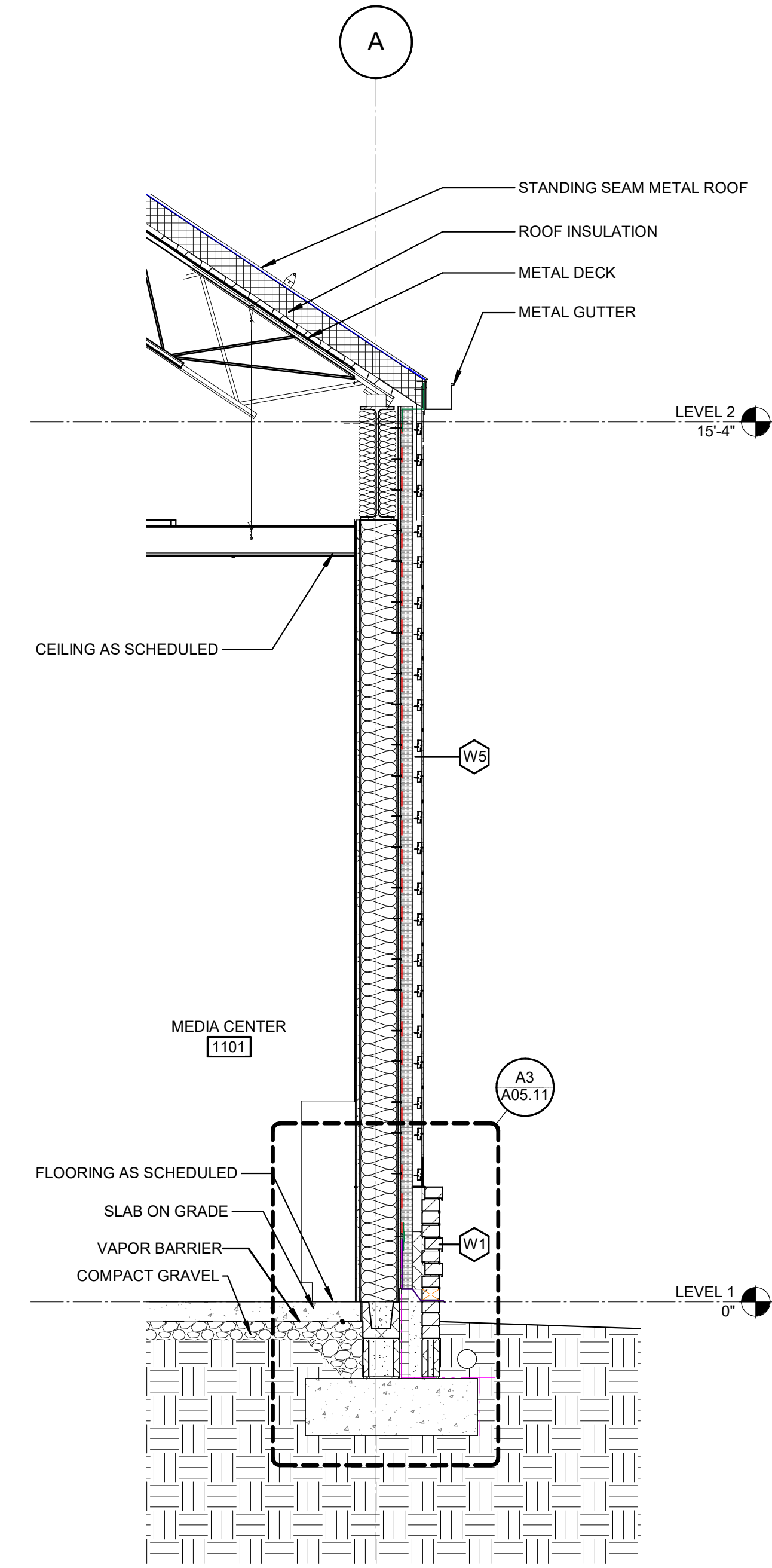
(A2) WALL SECTION @ CORRIDOR 1300 WEST  
1/2" = 1'-0"



**(A3) WALL SECTION @ CORRIDOR 1100 WEST**  
1/2" = 1'-0"



**A4** WALL SECTION @ MEDIA WEST  
1/2" = 1'-0"

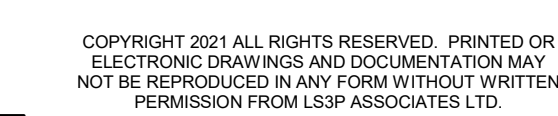


**A6 WALL SECTION @ MEDIA EAST**  
1/2" = 1'-0"

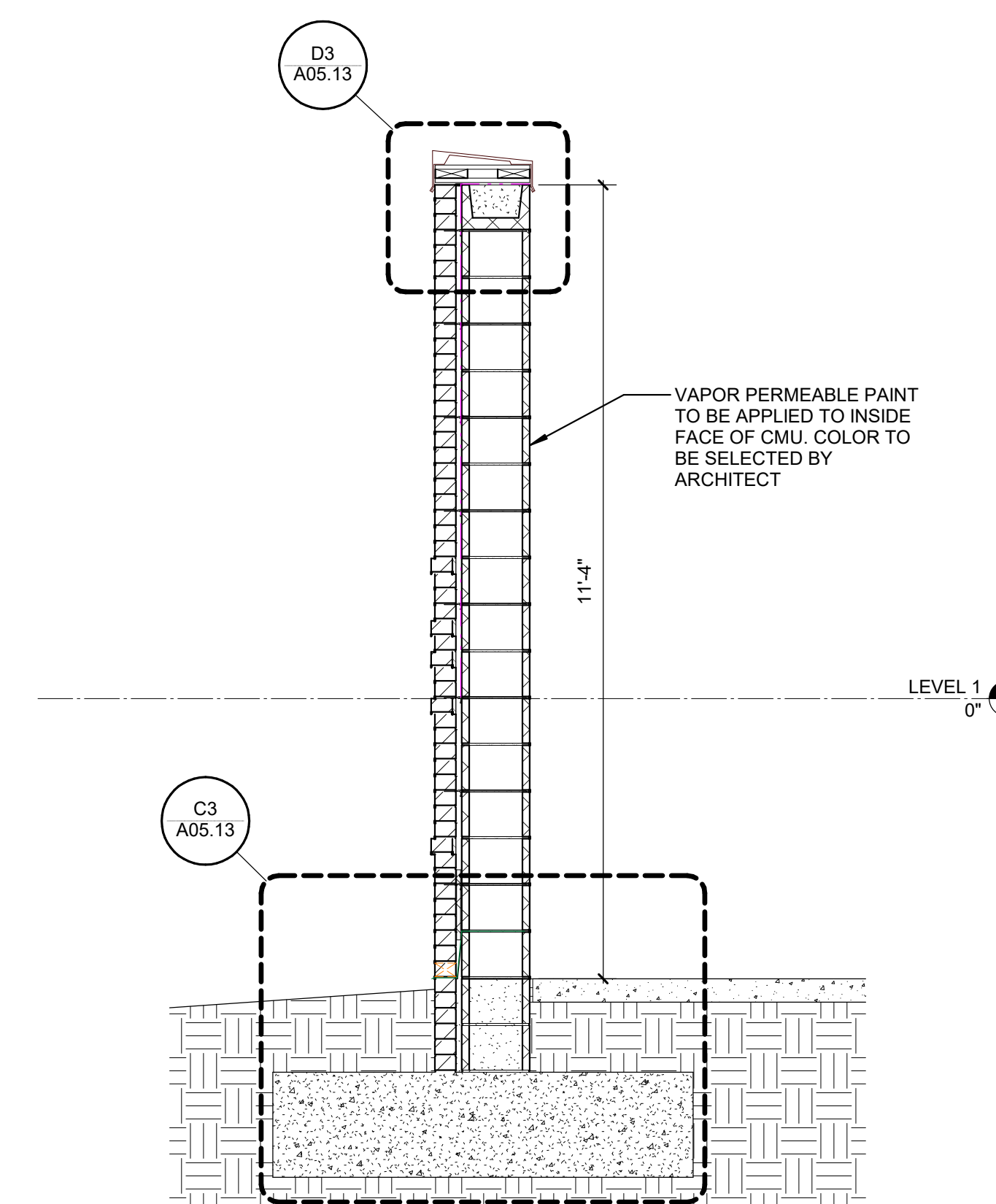






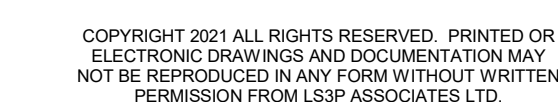


## S2B PBO IECT-9301 207411

BID SE

(A6) WALL SECTION @ SERVICE SCREEN WALL  
1/2" = 1'-0"

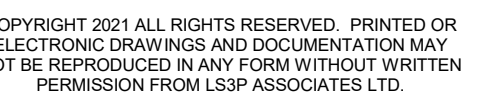




## S3B BBO IECT: 9201 207411

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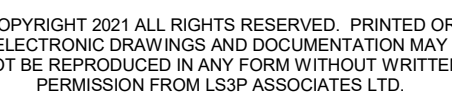




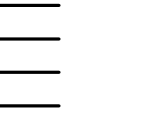
## LS3P PROJECT: 8201-207411

ID SET



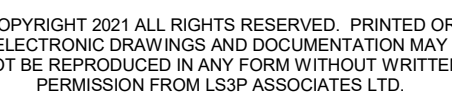


## LS3P PROJECT: 8201-207411

SID SE

6

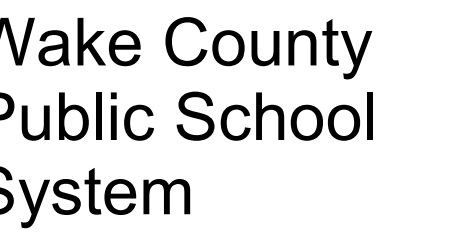




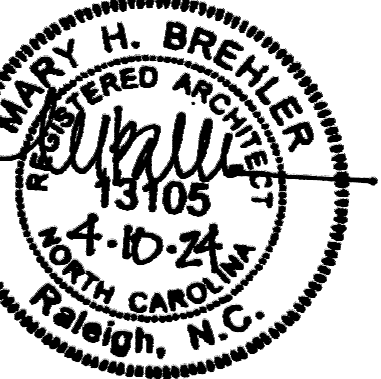
LS3P PROJECI: 8201-207411

ID SE





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LS3P PROJECT: 8201-207411

[illegible]

SHEET NAME:  
 STOREFRONT TYPE  
 ELEVATIONS

**QUESTION SET** 2024.04.1

**SUBMISSION:**

HEET: **A06.11**

**WID SET**

