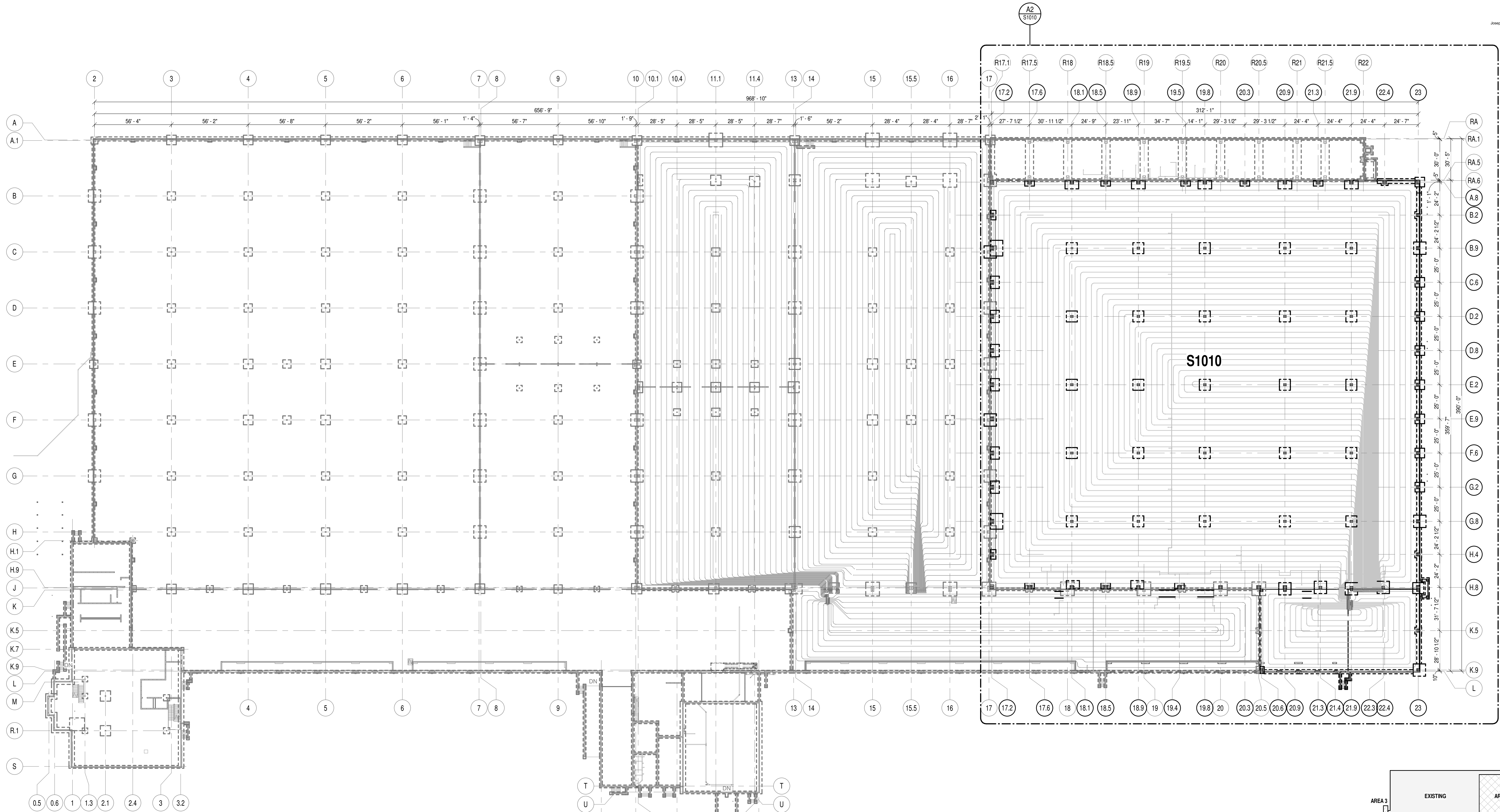
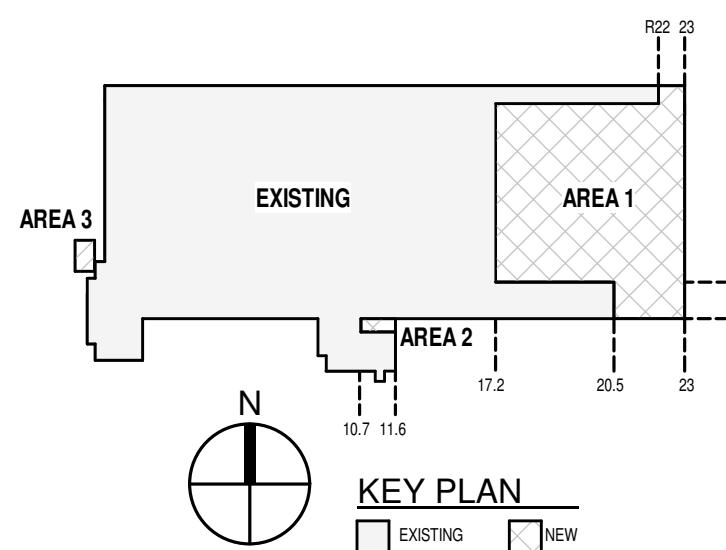




5/26/2023 2:11:29 AM BM 360/07396 United States Cold Storage Building Expansion Phase III FL 07396\_PHASE III\_S\_P200.rvt



**A1 OVERALL FOUNDATION PLAN**  
SCALE: 1/32" = 1'-0"  
0' 4' 8' 16' 32'



**FOUNDATION SHEET NOTES**

1. FINISHED FLOOR ELEV. = 0'-0" (REF.) REFERENCE CIVIL DRAWINGS FOR ACTUAL.
2. BP-X (X-X') INDICATES BASE PLATE TYPE AND BOTTOM OF BASE PLATE ELEVATION RESPECTIVELY.
3. F, CF OR RFXX-X (X-X') INDICATES FOOTING MARK AND TOP OF FOOTING ELEVATION RESPECTIVELY.
4. STRUCTURAL GENERAL NOTES PER DRAWING S2001.
5. TYPICAL WALL JOINT, WALL AND FOOTING CORNER REINFORCING, SCHEDULES, STEP FOOTING, CMU JOINT AND BEAM REINFORCING AND ISOLATION JOINTS PER DRAWING S2007.
6. BASE PLATE, ANCHOR BOLT AND PIER DETAILS PER DRAWING S2005.
7. STRUCTURAL ELEVATION VIEWS PER DRAWING SERIES S2000.
8. STAIR LOCATIONS PER ARCHITECTURAL DRAWINGS.
9. FLOOR SLOPES AND DRAINS PER ARCHITECTURAL DRAWINGS.
10. UNDER FLOOR PLUMBING PER PLUMBING DRAWINGS.
11. ALL FOOTINGS SHALL BE CENTERED UNDER COLUMNS OR GROUPS OF COLUMNS AND WALL CENTERLINES UNLESS OTHERWISE NOTED.
12. CONTINUOUS FOOTINGS SHALL BE INTEGRAL WITH COLUMN FOOTINGS.

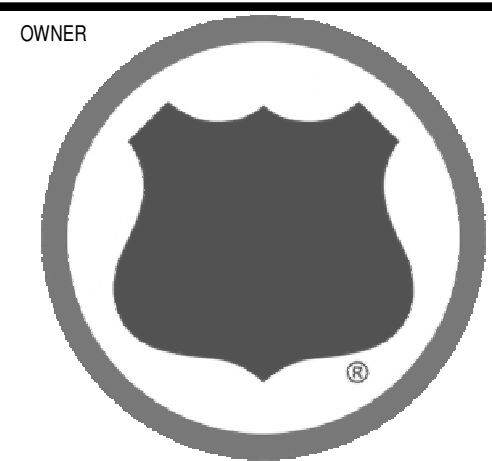
**CONTINUOUS FOUNDATION SCHEDULE**

Mark	SIZE		REINFORCEMENT				Remarks
	Width	Depth	Bot (Long)	Bot (Short)	Top (Long)	Top (Short)	
CF2.0	2'-0"	1'-0"	3-#5 CONT.	#4x1'-6" @ 36" O.C.			
CF3.0	3'-0"	1'-0"	3-#5 CONT.	#4x2'-6" @ 24" O.C.			
CF3.5R	3'-6"	1'-0"	2-#5 CONT.		4-#5 CONT.	#4x3'-0" @ 18" O.C.	

**ISOLATED FOUNDATION SCHEDULE**

Mark	SIZE			REINFORCEMENT				Type Comments	Count
	Length	Width	Depth	Bot (Long)	Bot (Short)	Top (Long)	Top (Short)		
F5.0	5'-0"	5'-0"	1'-0"	6-#5	6-#5				8
F7.0A	7'-0"	7'-0"	1'-2"	7-#6	7-#6	7-#6	7-#6		26
F8.0	8'-0"	8'-0"	1'-6"	8-#6	8-#6				7
F9.0A	9'-0"	9'-0"	1'-10"	10-#6	10-#6	10-#6	10-#6		26
RF5.0x3.0	5'-0"	3'-0"	2'-0"	5-#5	10-#5	5-#5	10-#5		1
RF7.0x4.0	7'-0"	4'-0"	2'-0"	5-#5	7-#5	5-#5	7-#5		5
RF7.0x4.0A	7'-0"	4'-0"	2'-6"	5-#5	7-#5	5-#5	7-#5		5
RF9.0x6.5XB	9'-0"	6'-6"	2'-0"	5-#5	12-#5	5-#5	12-#5		4
RF9.0x6.5AXB	9'-0"	6'-6"	2'-10"	5-#5	12-#5	5-#5	12-#5		2
RF9.5x6.0XB	9'-6"	6'-11"	3'-0"	5-#5	12-#5	5-#5	12-#5		2
RF10.0x6.0XB	10'-0"	6'-0"	2'-6"	5-#5	12-#5	5-#5	12-#5		2
RF11.5x9.0XB	11'-6"	9'-0"	2'-10"	5-#5	12-#5	5-#5	12-#5		2

Digitally signed by Joseph A. Bouie, P.E.  
DN: cn=Joseph A. Bouie, o=The Stellar Group, ou=Professional Engineer, email=jbouie@stellargroup.com, c=US  
Date: 2023.05.26 14:00:00 -0400

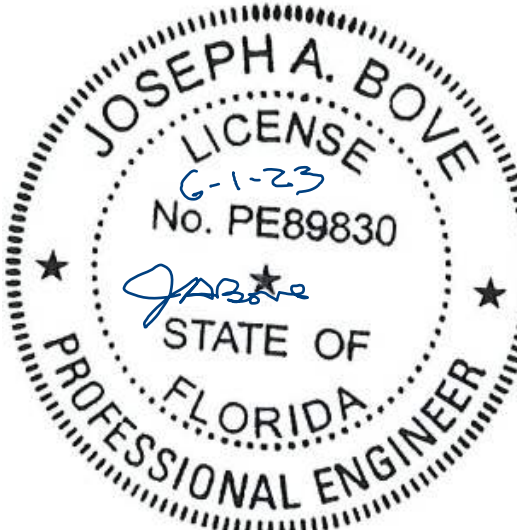


UNITED STATES COLD STORAGE  
PHASE III EXPANSION  
LAKE CITY, FLORIDA



OPERATING AS:  
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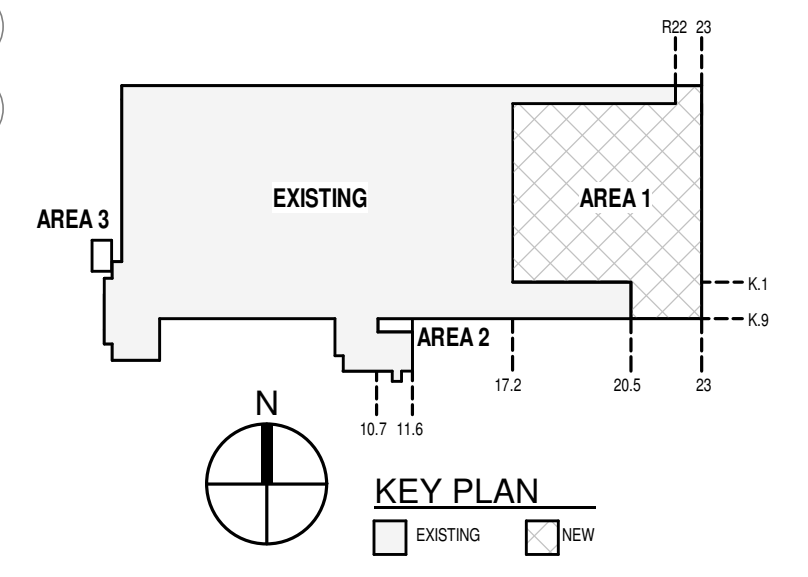
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A	DESIGN DEVELOPMENT 1	03/06/2023

DATE ISSUED: 03/06/2023  
DESIGNED BY: SRS  
REVIEWED BY: JFM  
AECOR: JAB  
PROJECT NUMBER: 07396  
SHEET TITLE

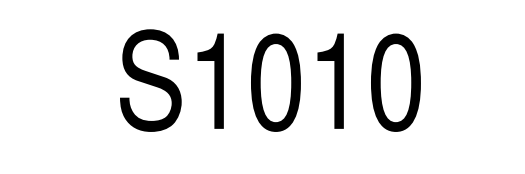
**OVERALL FOUNDATION PLAN**

SHEET ID

**S1000**



\* = DESIGNED FOR 40K FUTURE LOAD  
\*\* = DESIGNED FOR 50K FUTURE LOAD



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A1 OVERALL SLAB PLAN

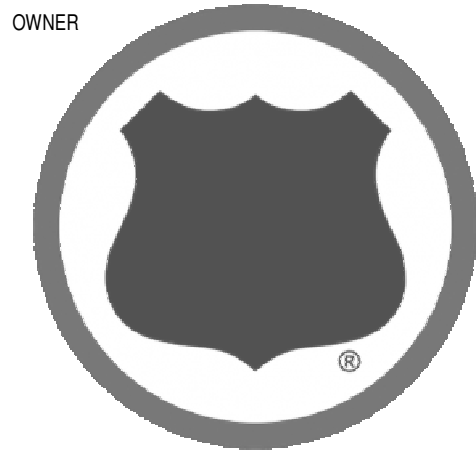
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CONCRETE SLAB LEGEND

- PERIMETER/  
UNDERFLOOR INSULATION
- EXISTING CONCRETE SLAB
- 5" CONCRETE SLAB
- 6" CONCRETE SLAB
- 7" CONCRETE SLAB
- 8" CONCRETE SLAB
- 11" CONCRETE SLAB

CONCRETE SLAB SHEET NOTES

1. FINISHED FLOOR ELEV. = 0'-0" (REF.) SEE CIVIL DRAWINGS FOR ACTUAL.
2. SEE DRAWING 50001 FOR STRUCTURAL GENERAL NOTES.
3. SEE DRAWING 50001 FOR TYPICAL ISOLATION JOINTS.
4. SEE FOUNDATION PLANS FOR ADDITIONAL INFORMATION.
5. CONTRACTION JOINTS SHALL BE SPACED A MIN. OF TWENTY FOUR TIMES THE SLAB THICKNESS IN INCHES AND A MAX. OF THIRTY SIX TIMES THE SLAB THICKNESS IN INCHES. THE CONTRACTION JOINT ASPECT RATION (WIDTH TO LENGTH RATIO) SHALL BE 1 TO 1.5.
6. CONTRACTION JOINTS SHALL BE PLACED A MIN. 12" FROM THE FACE OF ANY CMU BEARING ON THE SLAB.
7. ALL SLAB ON GRADE SHALL HAVE A MIN. OF 4" GRANULAR BASE (REF.) SEE CIVIL DRAWINGS.
8. SEE ARCHITECTURAL DRAWINGS FOR STAIR LOCATIONS.
9. SEE ARCHITECTURAL DRAWINGS FOR FLOOR SLOPES AND DRAINS.
10. SEE PLUMBING DRAWINGS FOR UNDER FLOOR PLUMBING AND DRAINS.
11. SEE 8001 FOR TYPICAL BOLLARD AND U-GUARD DETAILS.
12. SEE ARCHITECTURAL DRAWINGS FOR BOLLARD AND U-GUARD LOCATIONS.
13. SEE DRAWING SERIES S2000 STRUCTURAL ELEVATIONS.
14. HOUSE KEEPING PASS SHALL BE MIN. OF 3'0" THICK AND REINFOR. W#3 @ 18" O.C. UNLESS SPECIFIED ON DISCIPLINE DRAWINGS REF ARCH. ELEC. MECH AND REFRIG FOR LOCATIONS.
15. ABBREVIATIONS ON PLAN ARE AS FOLLOWS:  
A.J. = ARMORED JOINT  
C.J. = CONTRACTION JOINT  
S.J. = CONSTRUCTION JOINT (SAW CUT)



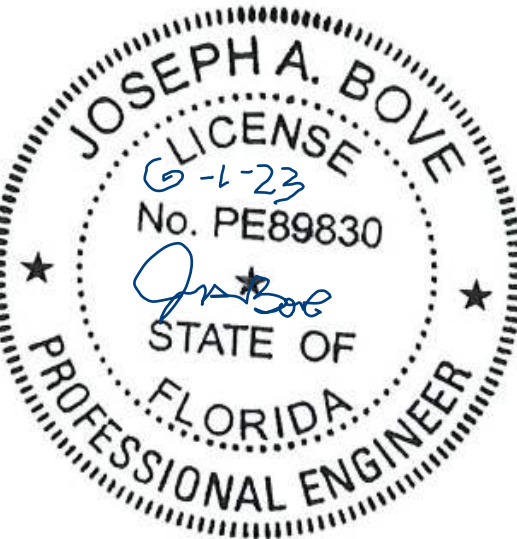
PROJECT INFORMATION

UNITED STATES COLD STORAGE  
PHASE III EXPANSION  
LAKE CITY, FLORIDA



OPERATING AS:  
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2900 HARTLEY ROAD, JACKSONVILLE, FL 32257 (904) 260-2900  
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FLORIDA ARCHITECTURAL LICENSE NO. AR0013370  
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REVISIONS

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DESIGNED BY: SRS

REVIEWED BY: JFM

A/EOR: JAB

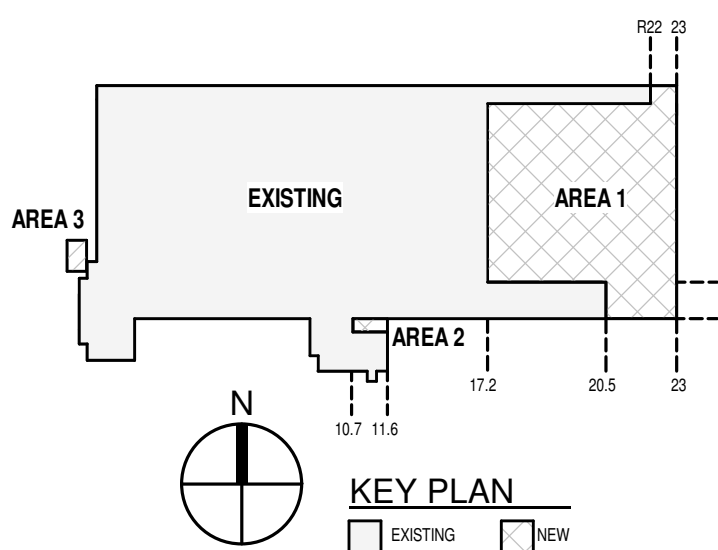
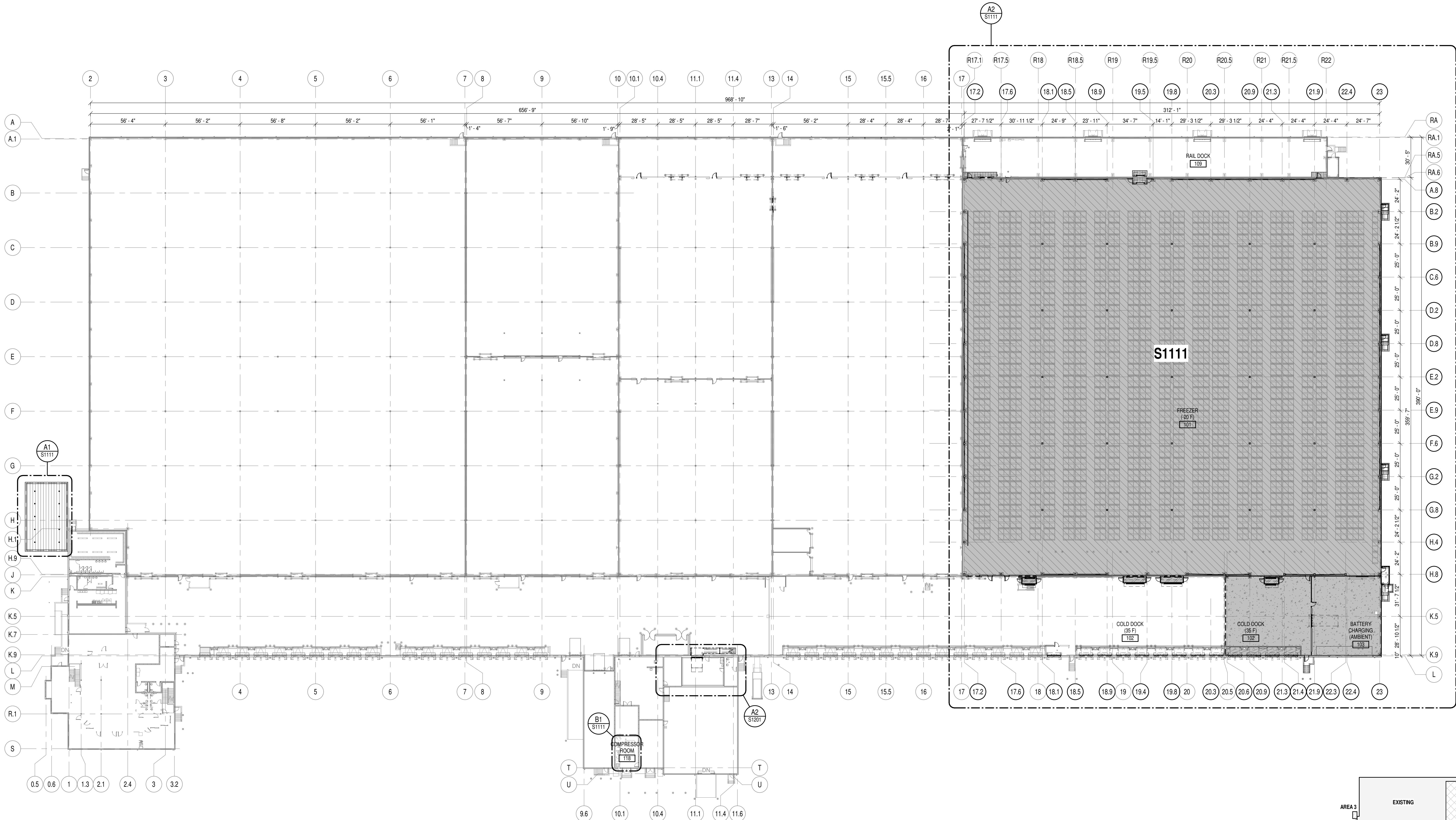
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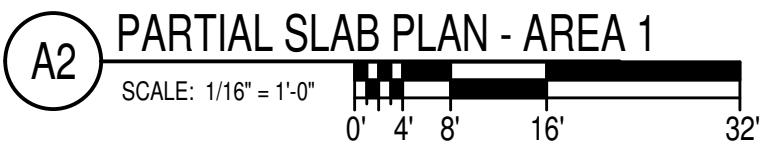
SHEET TITLE

OVERALL SLAB PLAN

SHEET ID

S1101



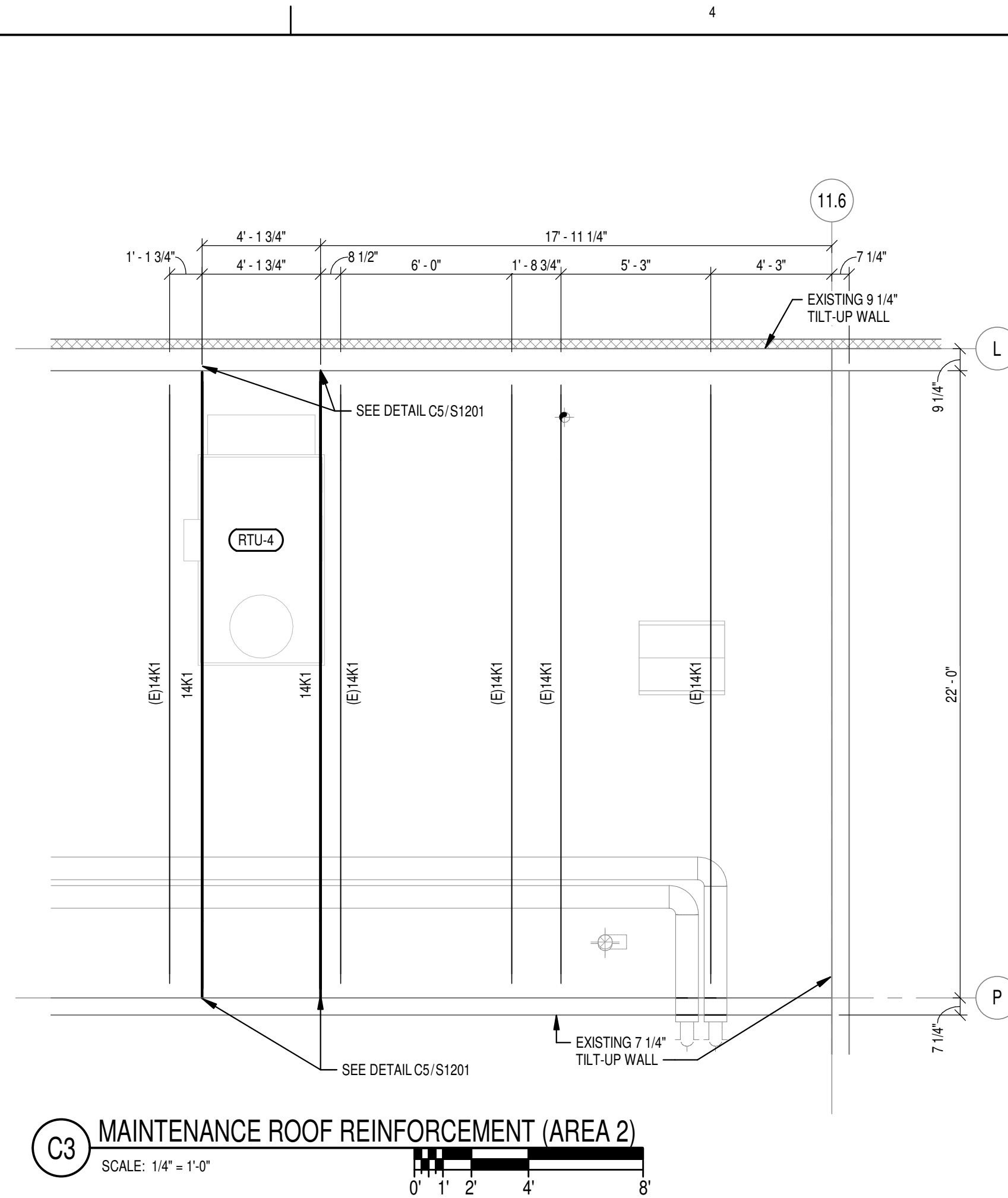
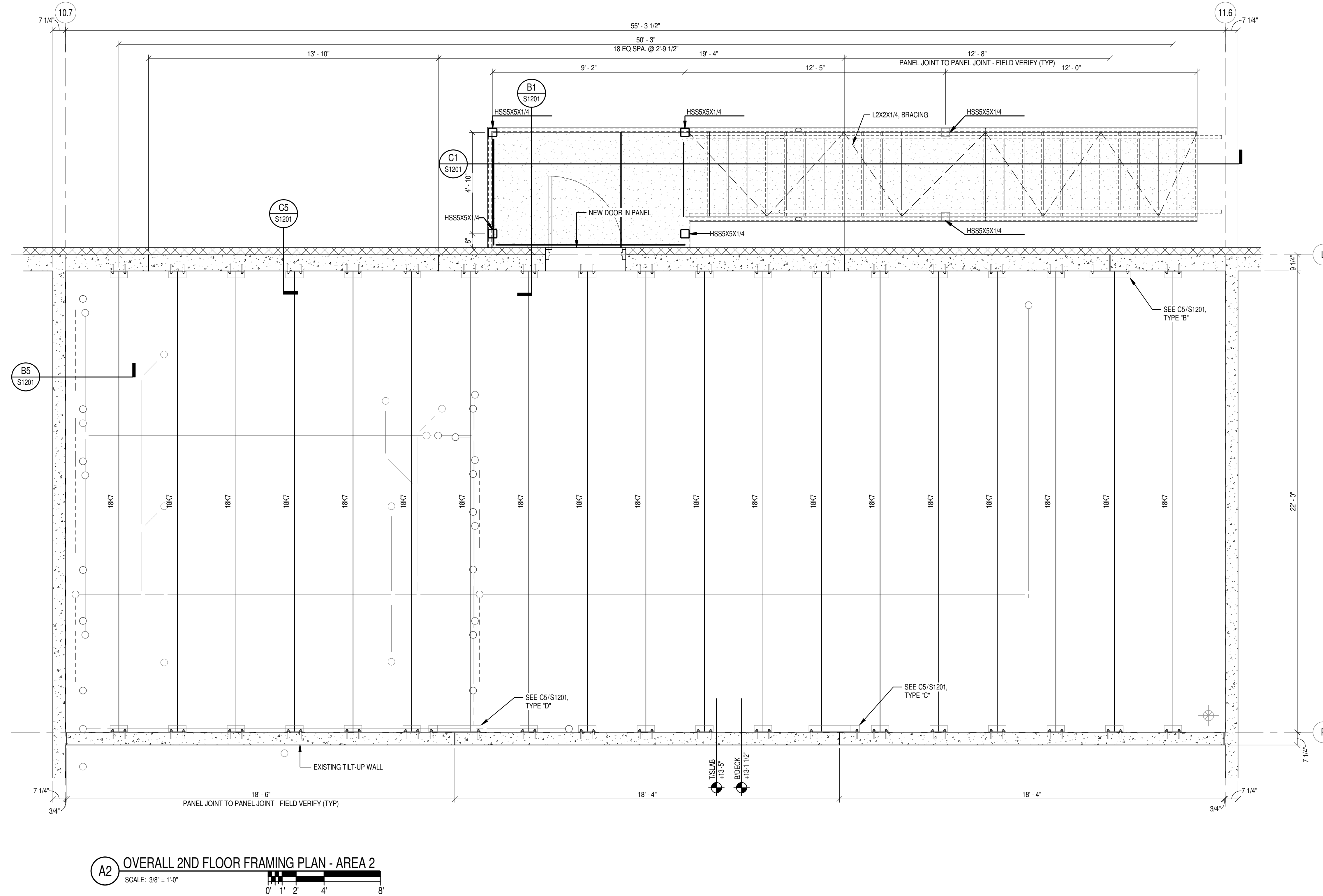
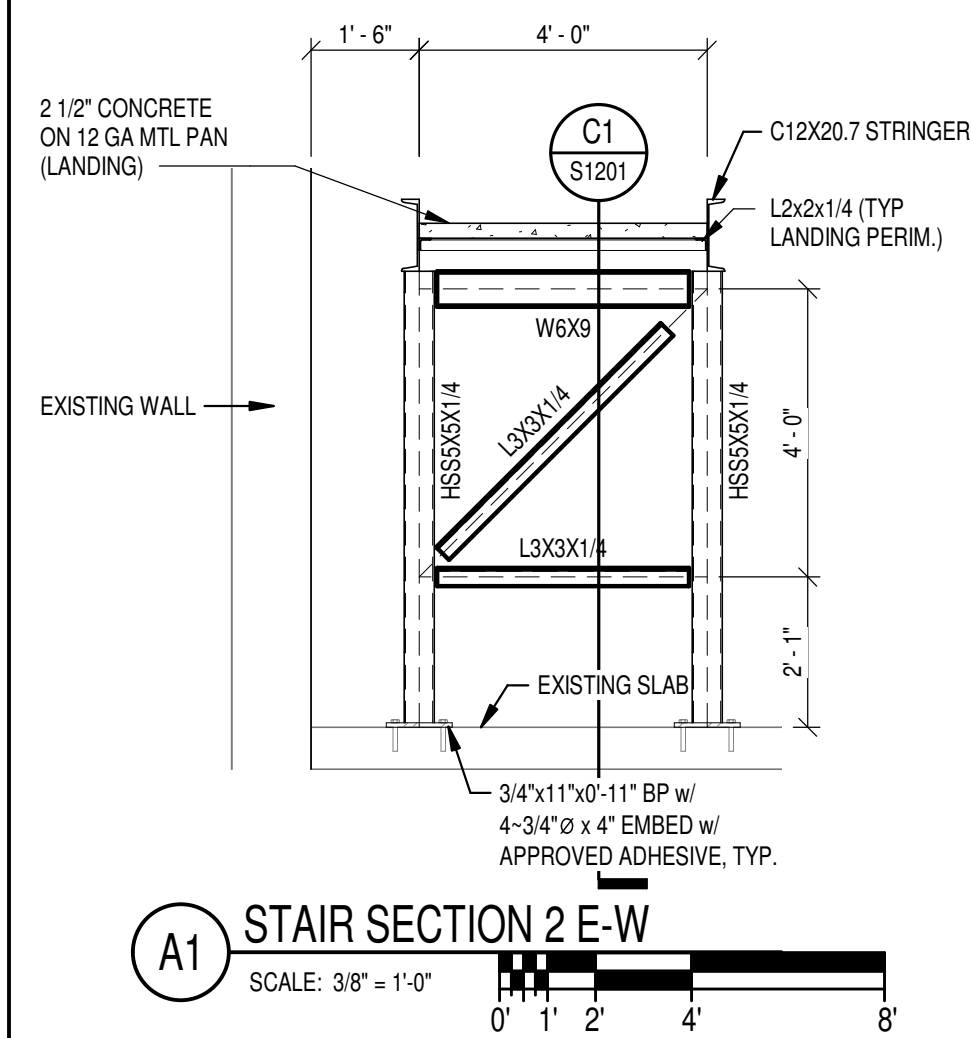
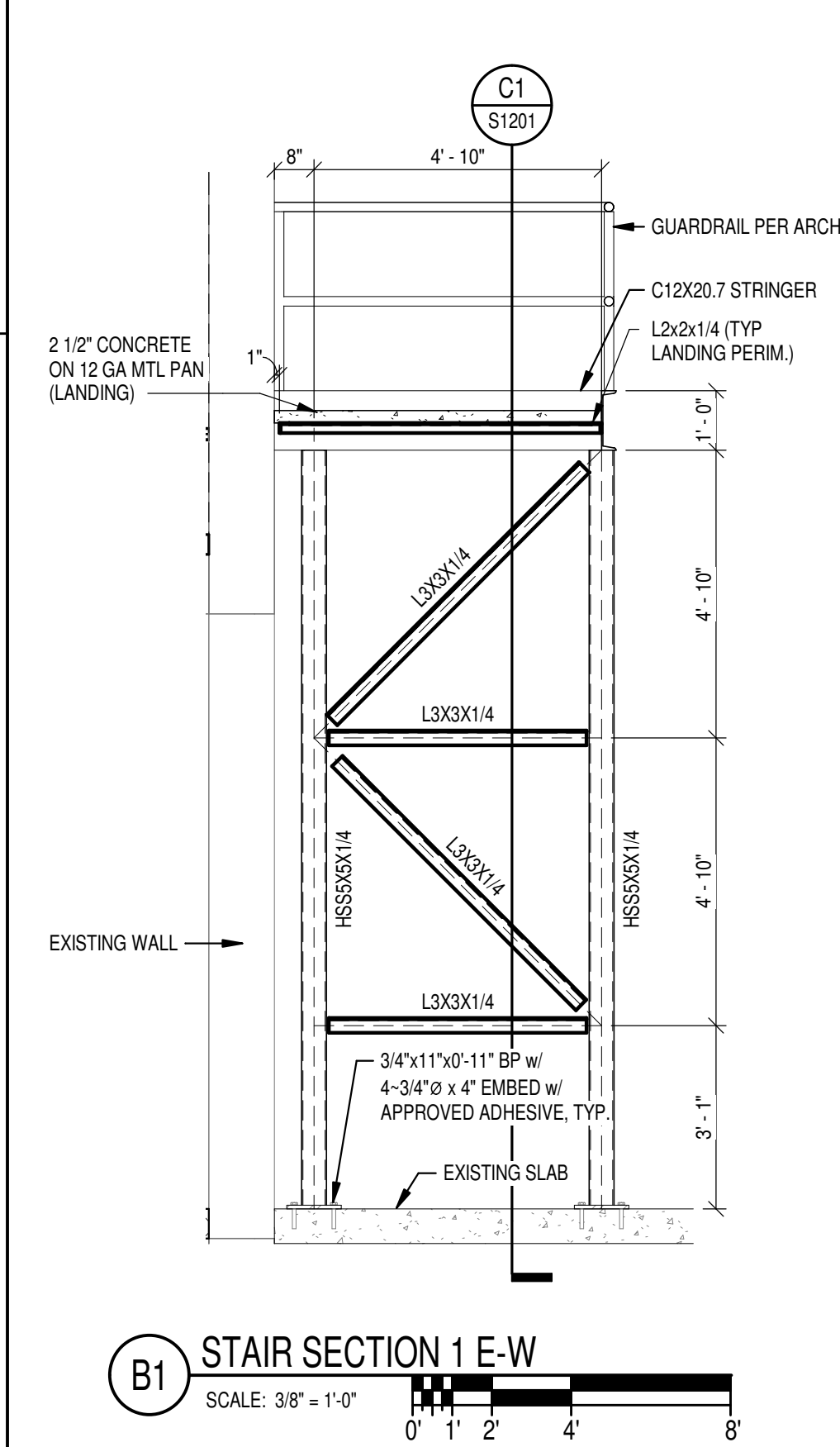
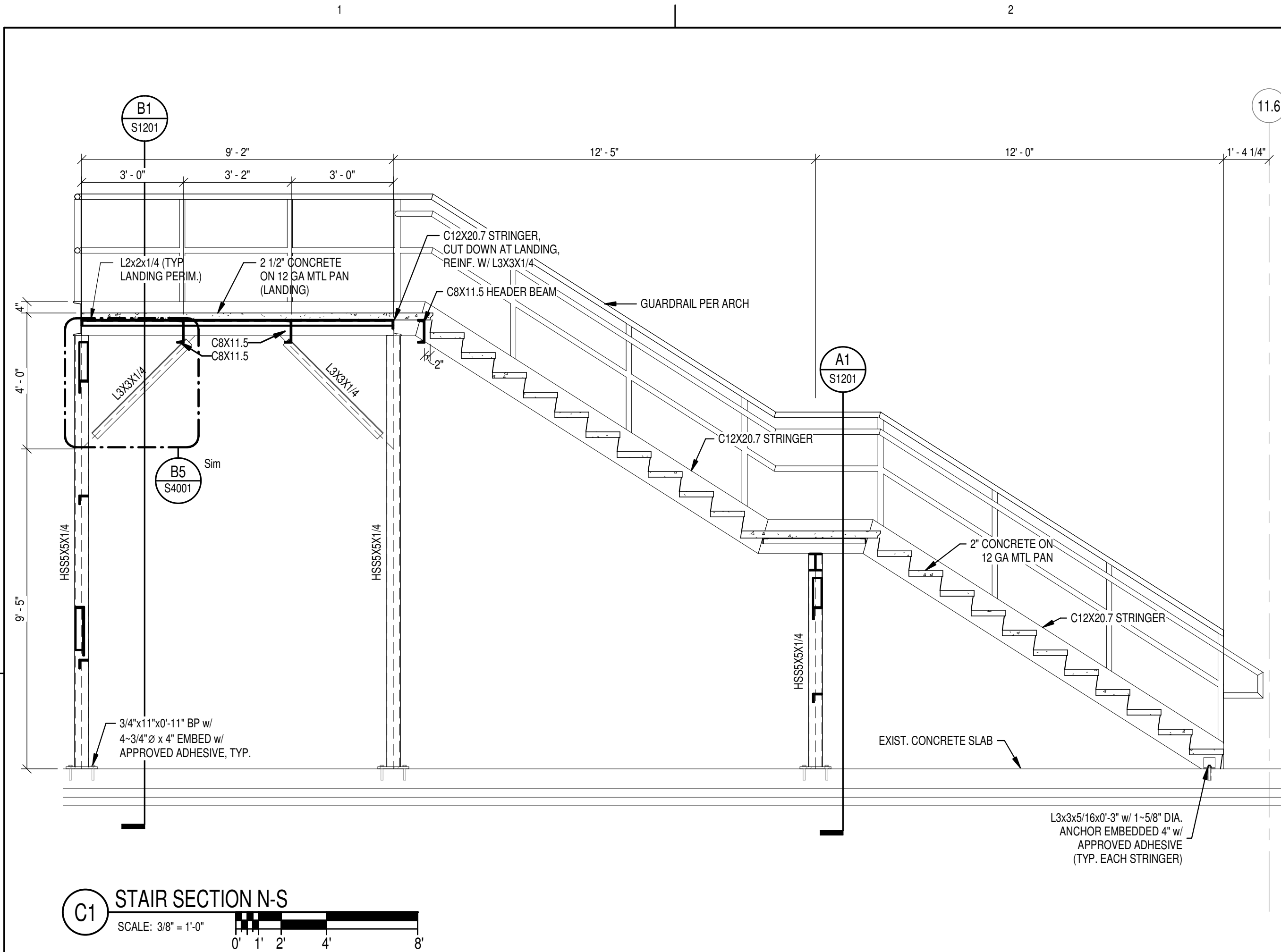


**KEY PLAN**

Legend: ☐ EXISTING ☐ NEW

S1111

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### ELEVATED FLOOR FRAMING NOTES

1. BTM. DECK ELEVATION +13' - 1 1/2', TOP OF SLAB ELEVATION +13' - 5'
2. SLAB CONSTRUCTION: 2 1/2" NORMAL WEIGHT CONCRETE OVER 1.0C CONFORM 22 GA GALV DECK (3 1/2" TOTAL THICKNESS). REINFORCE SLAB WITH #3 @ 12" O.C. EA. WAY SUPPORTED 1 1/2" BELOW TOP SURFACE OF SLAB. ENDS AND SIDES OF DECK UNITS SHALL BE LAPPED A MINIMUM OF 3' TO PREVENT DISPLACEMENT AND DROPPING OF CONCRETE FILL. FASTENING OF DECK TO SUPPORTS SHALL BE BY MEANS OF PUDDLE WELDS. DECK SHALL BE ATTACHED WITH 3 WELDS PER SHEET AT THE END OF THE SHEET AND 2 WELDS PER SHEET AT EACH INTERMEDIATE SUPPORT. ALL WELDING SHALL BE PERFORMED BY CERTIFIED WELDERS. TO PREVENT DISPLACEMENT, SIDE SEAMS SHALL BE ATTACHED BETWEEN SUPPORT BY MEANS OF SELF-TAPPING SCREWS.
3. DECK SHALL BE PLACED IN A MIN. 3 SPAN CONDITION.
4. DESIGN UNIFORM LIVE LOAD PER S0001
5. DESIGN UNIFORM DEAD LOAD PER S0001
6. REF. S0001 FOR STRUCTURAL GENERAL NOTES.

### LEGEND

1. END REACTION: [x, y, z]
2. NOTE: WF BEAMS WITHOUT DEFINED LOAD INDICATES END RXN LESS THAN EQUAL TO 10.0K
3. MEMBER TOP CHORD FORCE: [x, y, z]

### FLOOR DECK ATTACHMENT NOTES

1. DECK SHALL BE ATTACHED TO ALL INTERIOR AND PERIMETER STRUCTURAL SUPPORTS WITH 5/8" PUDDLE WELDS @ 12" O.C. PERFORMED BY A CERTIFIED WELDER.
2. SIDE LAPS BETWEEN STRUCTURAL SUPPORTS SHALL BE FASTENED WITH #10 TEK SCREWS @ 36" O.C. MAX.
3. END OF DECK SHALL BE LAPPED A MIN. OF 3' FOR NON-COMPOSITE DECK.

NO. SUPPORTS ATTACHMENTS	NO. SIDE LAP FASTENERS BETWEEN SUPPORTS
5/8" PUDDLE WELD	#10 TEK SCREW
4	1 MIN.

1.0C CONFORM NON-COMPOSITE DECK  
2'-9" COVERAGE  
CONCRETE SLAB  
REIN. PER PLAN  
MTL. DECK  
JOIST  
L3 1/2x3x1/4 (LLV)  
L5x4x5/16 x 0'-10" (LLV) W/ 2-3/4x8 x 0'-5 1/2" MIN. EMBED ANCHORS @ 7" O.C. DRILL & EPOXY INTO 7 1/4" PANEL (TYPE A) w/ APPROVED ANCHORING SYSTEM, TYP. UNO.  
EXIST. TILT-UP PANEL

### C5 SECTION

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

CONCRETE SLAB  
REIN. PER PLAN  
MTL. DECK  
JOIST  
L5x3x1/4 CONT. (LLV) w/ 3/4"x8 x 0'-5 1/2" MIN. EMBED. ANCHORS @ 18" O.C. DRILL & ANCHOR w/ APPROVED ANCHORING SYSTEM

### B5 SECTION

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

CONCRETE SLAB  
REIN. PER PLAN  
MTL. DECK  
JOIST  
L5x3x1/4 CONT. (LLV) w/ 3/4"x8 x 0'-5 1/2" MIN. EMBED. ANCHORS @ 18" O.C. DRILL & ANCHOR w/ APPROVED ANCHORING SYSTEM

OWNER

PROJECT INFORMATION

**UNITED STATES COLD STORAGE**  
PHASE III EXPANSION  
LAKE CITY, FLORIDA

CONSULTANT

OPERATING AS:  
THE STELLAR GROUP  
2900 HARTLEY ROAD, JACKSONVILLE, FL 32257 (904) 260-2900  
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FLORIDA ARCHITECTURAL LICENSE NO. AR0013370  
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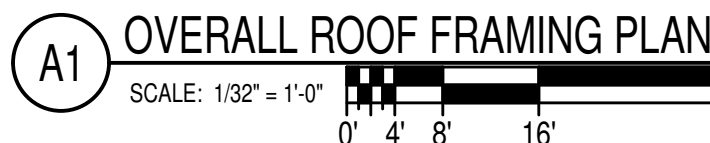
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DATE ISSUED: 03/06/2023  
DESIGNED BY: SPRS  
REVIEWED BY: JFM  
A/EOR: JAB  
PROJECT NUMBER: 07366  
SHEET TITLE

**OVERALL 2ND FLOOR FRAMING PLAN (AREA 2)**

SHEET ID

**S1201**

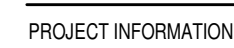


1. VERIFY TOP CHORD OF JOIST FOR 4" MANS SUPPORTED BY SIDE MOUNTED CLAMPS.  
a. FOR JOISTS PARALLEL TO MAIN, JOIST TOP CHORDS SHALL BE CAPABLE OF CARRYING FULL UNIFORM DEAD LOAD + FULL UNIFORM LIVE LOAD + ECCENTRIC POINT LOAD DUE TO 4" MANS SUPPORTED BY SIDE MOUNTED CLAMPS AT 10 FT. SPACING TRAVELING ALONG TOP CHORD AT PANEL POINT LOCATIONS.  
b. FOR JOISTS PERPENDICULAR TO MAIN, JOIST TOP CHORDS SHALL BE CAPABLE OF CARRYING FULL UNIFORM DEAD LOAD + FULL UNIFORM LIVE LOAD + ECCENTRIC POINT LOAD DUE TO 4" MANS SUPPORTED BY SIDE MOUNTED CLAMPS WITH LOAD PIPE WEIGHT SHOWN ON PLAN x TWICE JOIST SPACING.  
SEE S5001 FOR "MANS" DETAIL.

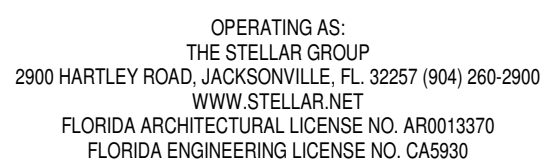
2. ALL MAINS ABOVE 4" SHALL BE SUPPORTED AS SHOWN IN "SPRINKLER MAIN SUPPORT DETAIL" ON S5003.

1. TOTAL END REACTIONS: (X X K)
2. NOTE: WF BEAMS WITHOUT DEFINED LOAD INDICATES END RXN LESS THAN/EQUAL TO 10.0 K
3. ADDITIONAL JOIST PANEL POINT LOADS ON GIRDER: +X.X K
4. MEMBER TOP CHORD FORCE BASED ON CONTROLLING OF 0.6 (ULTIMATE WIND) AND 0.7 EQ. (X.X K)
5. REFERENCE POINT REFERS TO INSIDE CORNER OF CURB.

1. SEE DRAWING S0001 FOR STRUCTURAL GENERAL NOTES.
2. SEE DRAWING S0003 FOR TYPICAL CORNER, PERIMETER ANGLE, TYPE, RYF, PROPEL, AND END DETAIL.
3. SEE DRAWING SERIES S2000 FOR STRUCTURAL ELEVATIONS.
4. ALL JOIST & BRIDGE SECTIONS SHOW INCLUDE ALL UNIFORM RYF BEAD LOAD.
5. ALL JOIST & BRIDGE SECTIONS SHOW INCLUDE ALL JOIST BEAD LISTED ON PLANS RYF UPLIFT LOADS NOT ACCOUNTED FOR IN PLACING OF JOIST DESIGNATIONS.
6. ORIGINALLY DRAWN FOR THE JOIST BEAD LISTED ON PLANS FOR JOIST AND/OR CHORD SIDE AND/OR BOTTOM CHORD FORCE AS NOTED ON PLANS WHICH SHALL BE INCORPORATED INTO ITS DESIGN.
7. SEE DETAIL S0001/AM001 FOR UPLIFT DECK ATTACHMENT AND UPLIFT DRAWINGS RESPECTIVELY.
7. EXTEND BOTTOM CHORD JOISTS @ 4H/1 WHERE APPLICABLE.
8. ALL JOIST GIVEN WITH 1/2" FLANGE PLATE TOP OF FINISH SLAB ASSUMED LENGTH 0'-0".
9. ANY LOAD SUSPECTED FROM THE CHORD STRUCTURE SHALL HAND DIRECTLY FROM THE JOIST DESIGN TO CARRY THE LOAD BETWEEN THE STRUCTURAL MEMBERS. REFERENCE S0003 FOR JOIST DESIGNATION.
10. NOTIFY STRUCTURAL ENGINEER IF MECHANICAL, PROCESS, OR REFRIGERATION EQUIPMENT, DUCTS OR PIPING ARE PLACED IN LOCATIONS OTHER THAN THAT SHOWN ON DRAWINGS.
11. SEE DETAIL ON S0003 FOR TYPICAL CONCENTRATED LOAD ON JOIST DETAIL.
12. BRIDGING PROVIDE NUMBER OF FLOWS OF HORIZONTAL OR DIAGONAL BRIDGING OF CHORDS TO BE SHOWN ON PLANS. BRIDGING SHALL BE SHOWN ON CHORD SIDE CHORD SIDE, SPACING AND SPAN, FURNISH ADDITIONAL ERECTION BRIDGING IF REQUIRED FOR STABILITY AND WHERE SPECIAL BRIDGING CONDITIONS ARE INDICATED ON THE DRAWINGS.
13. SEE REFRIGERATION, MECHANICAL, AND UTILITY DRAWINGS FOR PIPE, PIPE STANDS, SUPPORTS.
14. REFRIGERATION CONTROL GROUPS DENOTED AS (CG).



**UNITED STATES COLD STORAGE**  
**PHASE III EXPANSION**  
LAKE CITY, FLORIDA



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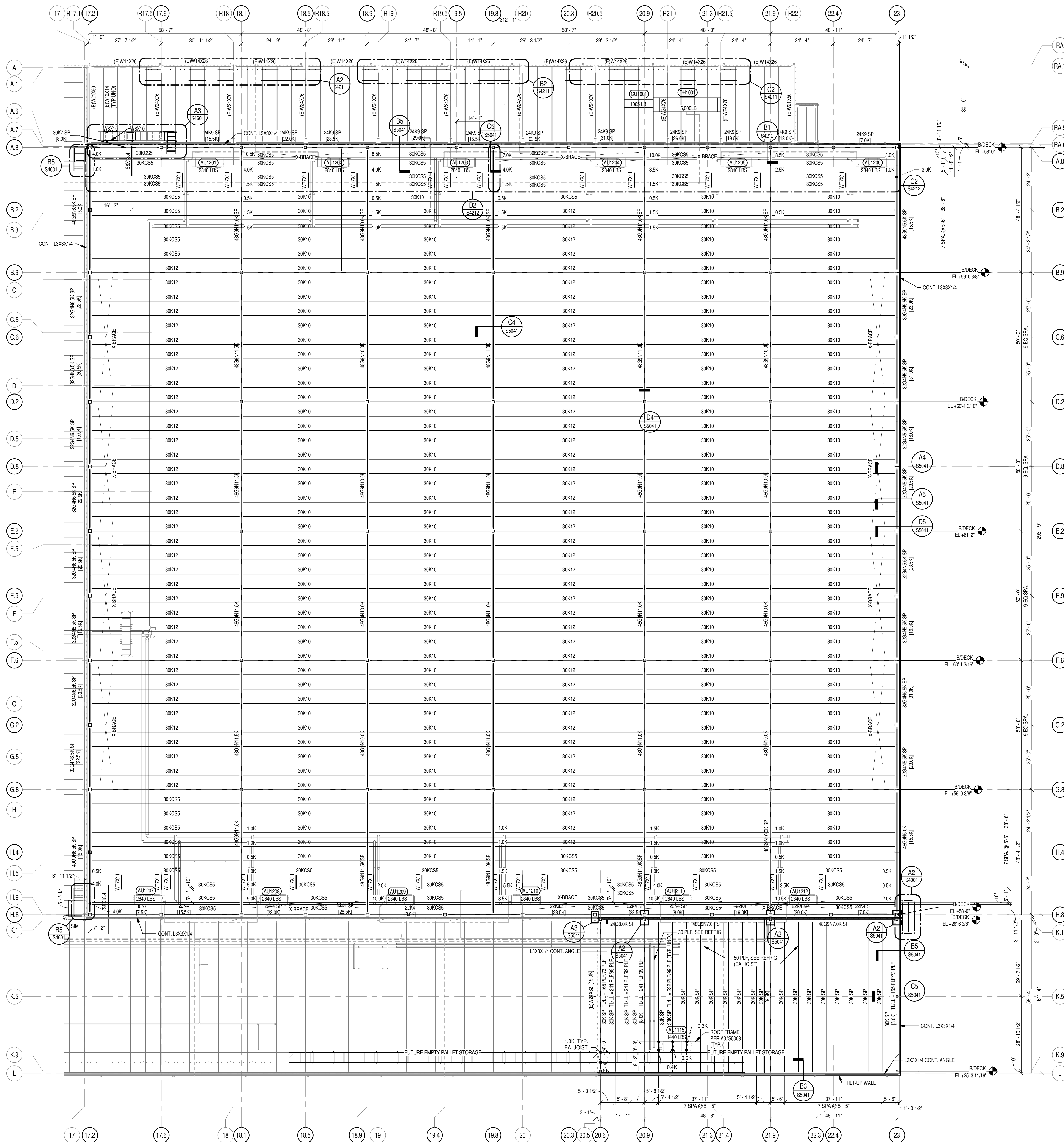
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A	DESIGN DEVELOPMENT 1	03/06/2023

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DESIGNED BY:	SRS
REVIEWED BY:	JFM
A/EOR:	JAB
PROJECT NUMBER:	07366
SHIFT TITLE	

## OVERALL ROOF FRAMING PLAN

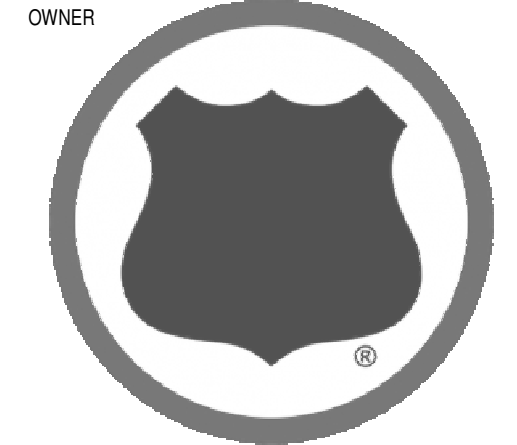
SHEET 12

S1401



ROOF FRAMING PLAN SHEET NOTES

- STRUCTURAL GENERAL NOTES PER DRAWING S0001.
- OVERALL ROOF FRAMING PLAN, ROOF FRAMING NOTES AND BUDECK ELEVATIONS PER DRAWING S1400.

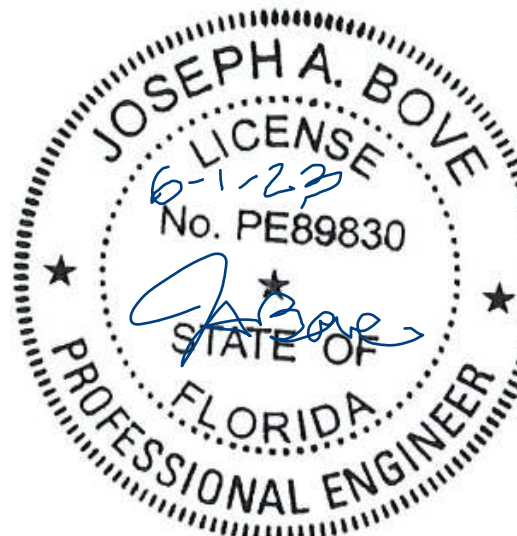


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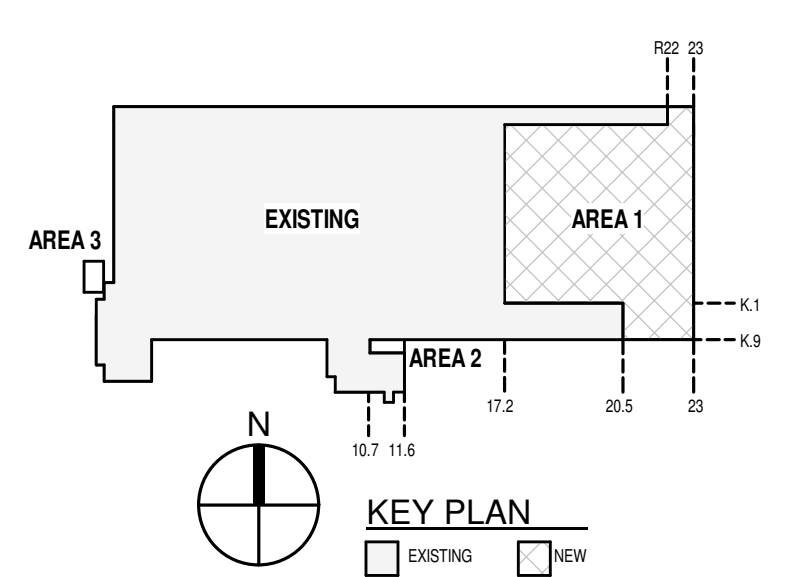
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REVIEWED BY: JFM  
AECOR: JAB  
PROJECT NUMBER: 07366  
SHEET TITLE

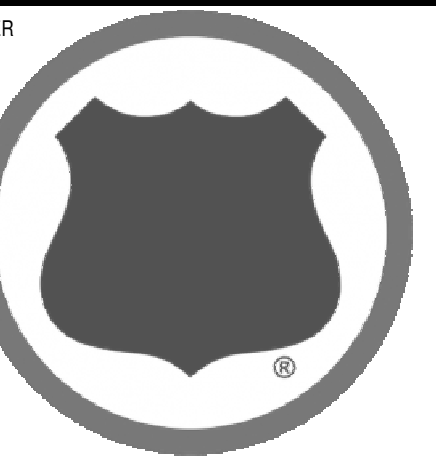
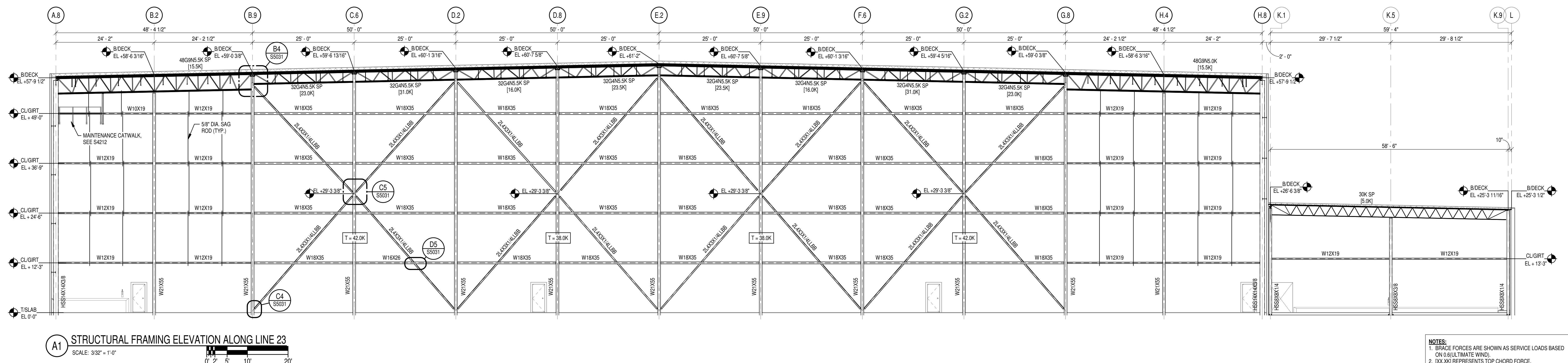
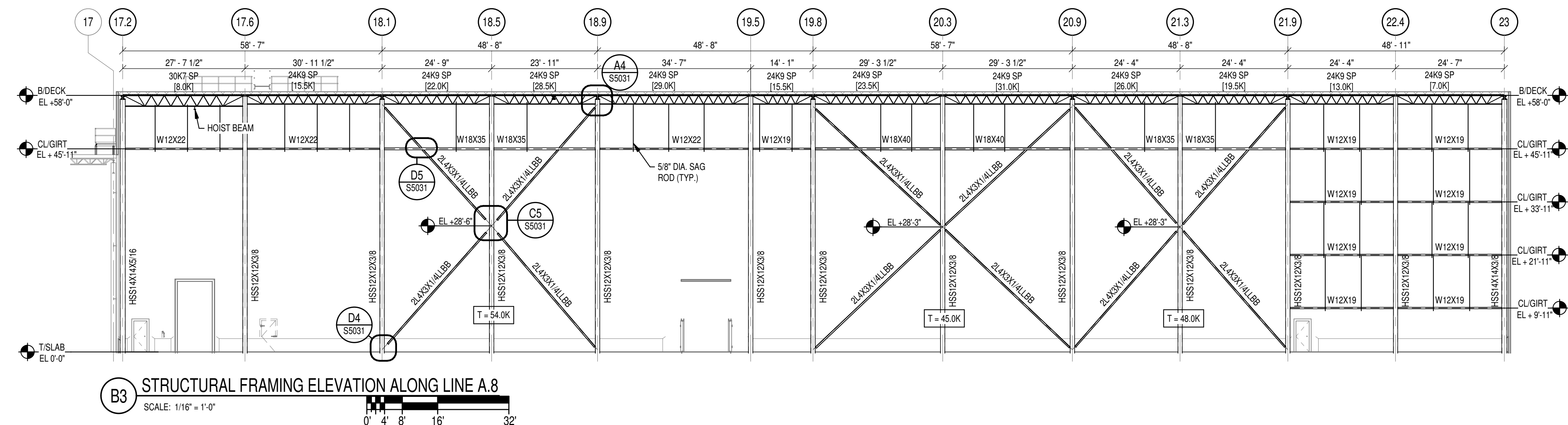
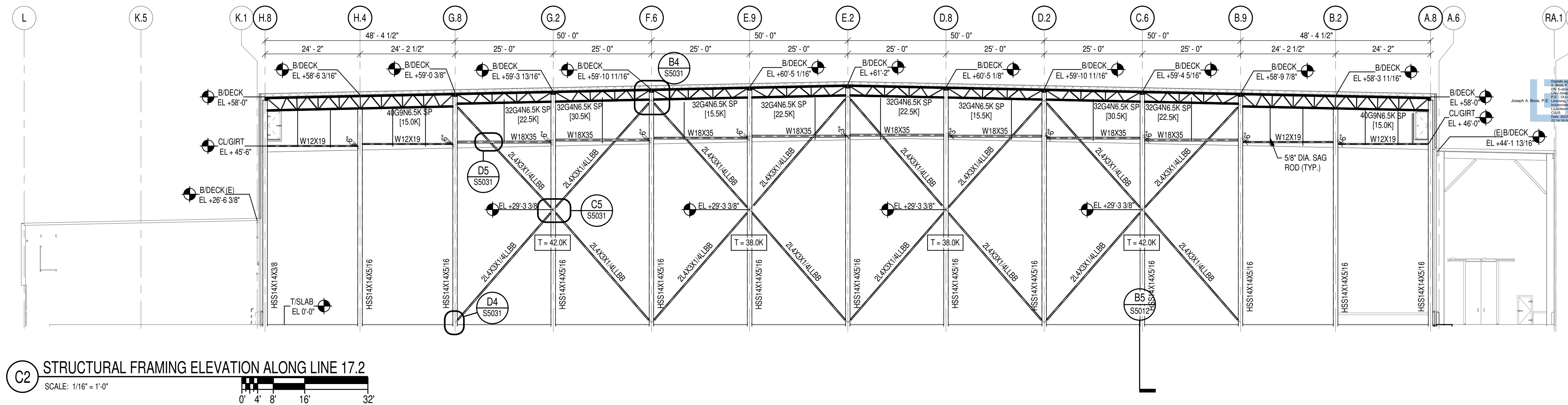
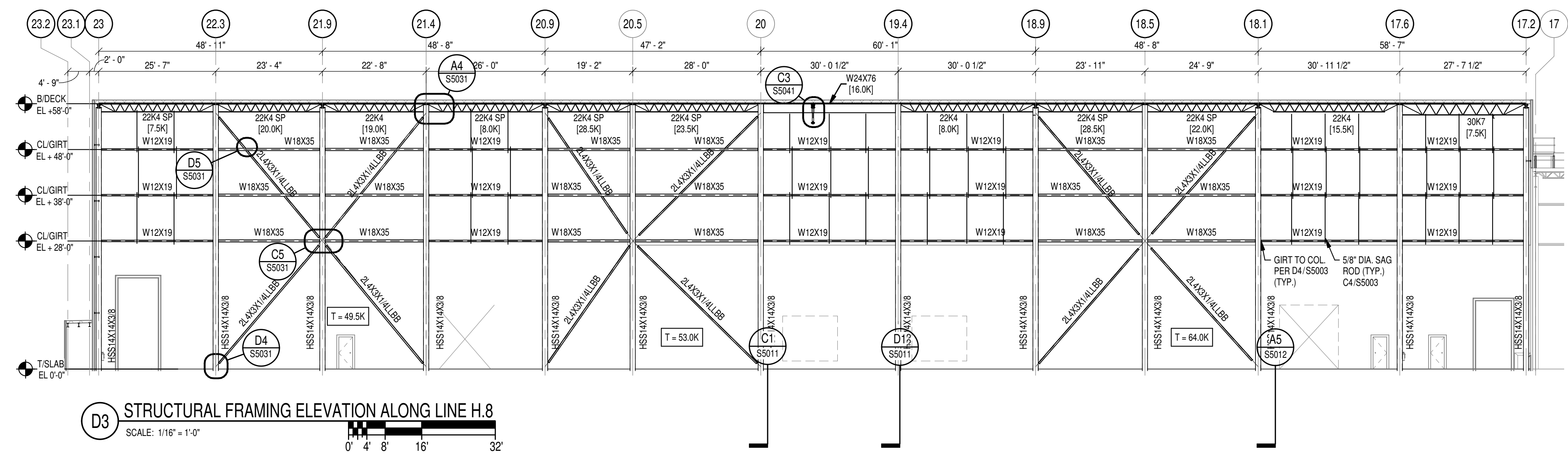
PARTIAL ROOF FRAMING  
PLAN - AREA 1

SHEET ID

S1411



A2 PARTIAL ROOF FRAMING PLAN - AREA 1  
SCALE: 1/16" = 1'-0"



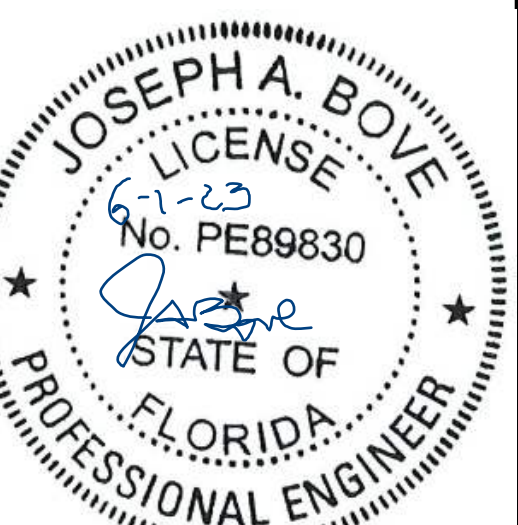
### PROJECT INFORMATION

**UNITED STATES COLD STORAGE**  
**PHASE III EXPANSION**  
LAKE CITY, FLORIDA



OPERATING AS:  
THE STELLAR GROUP  
10 HARTLEY ROAD, JACKSONVILLE, FL. 32257 (904) 260-2900  
WWW.STELLAR.NET  
FLORIDA ARCHITECTURAL LICENSE NO. AR0013370  
FLORIDA ENGINEERING LICENSE NO. CA5930

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NO.	DESCRIPTION	DATE
C	PERMIT ISSUE	05/26/2023
B	DESIGN DEVELOPMENT 2	04/03/2023
A	DESIGN DEVELOPMENT 1	03/06/2023

[illegible]

DATE ISSUED:	03/06/2023
SIGNED BY:	SRS
REVIEWED BY:	JFM
FOR:	JAB
PROJECT NUMBER:	07366
OFFICE TITLE	

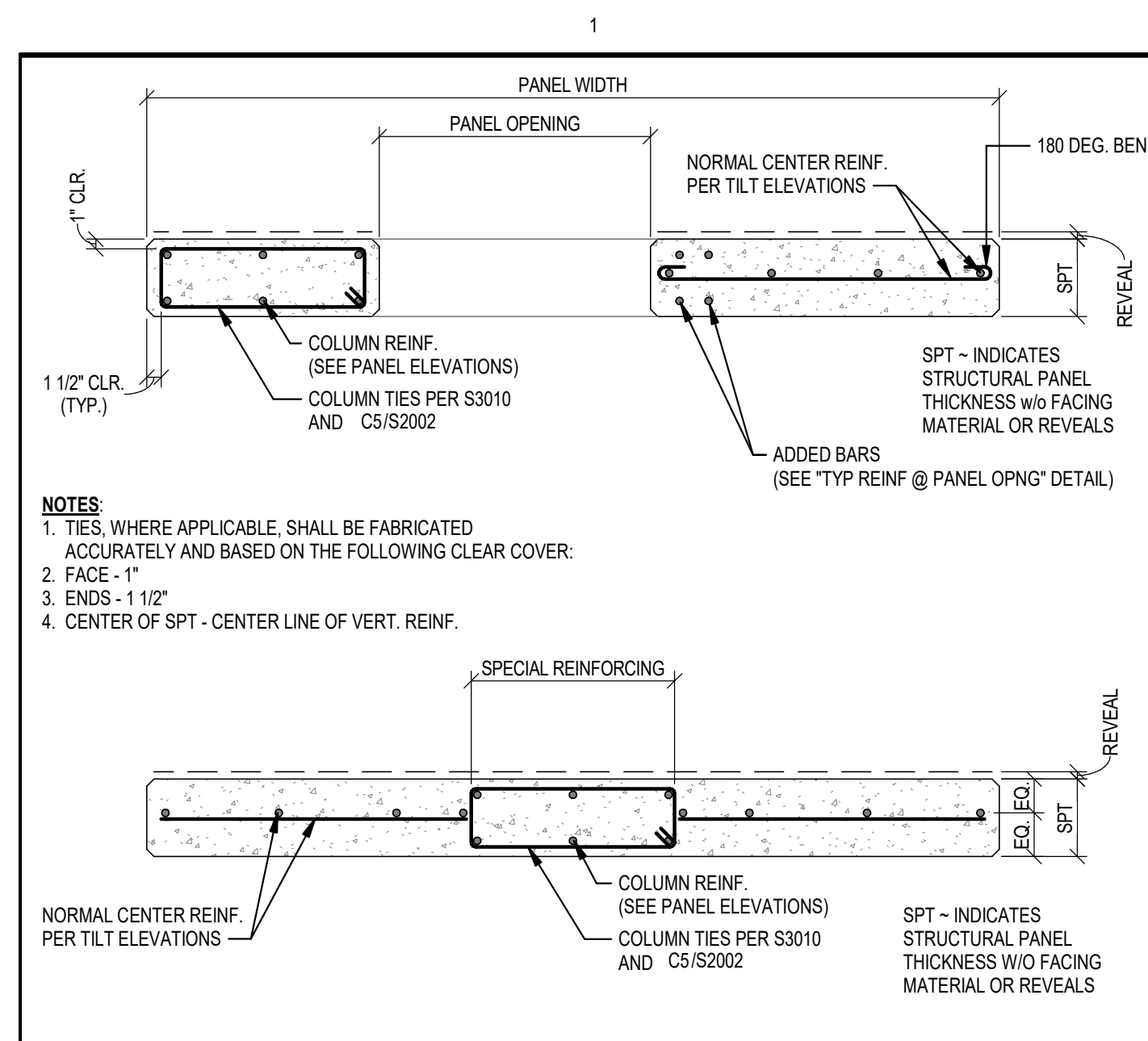
## STRUCTURAL FRAMING ELEVATIONS

**SHEET ID**

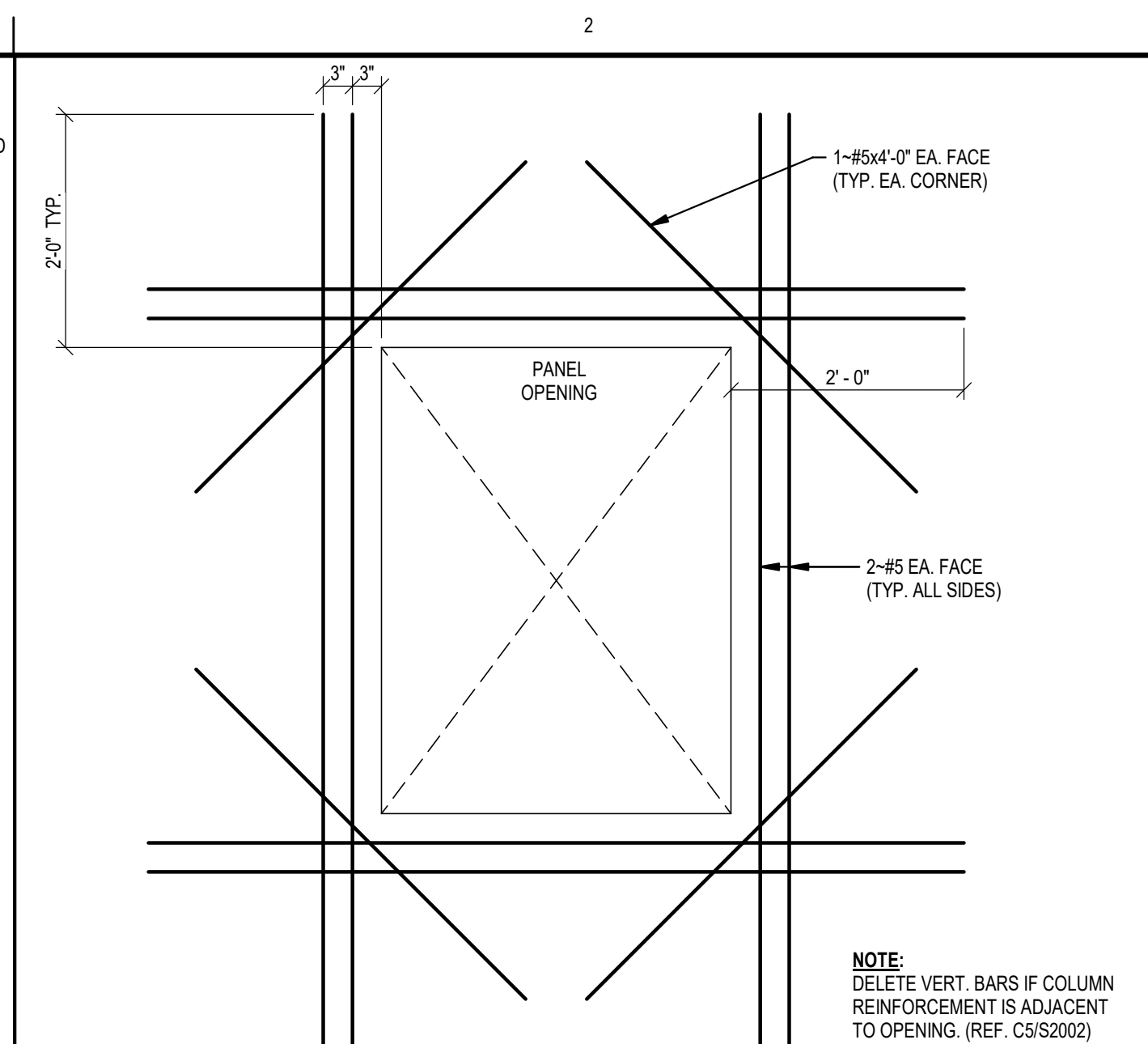
# S2001

**NOTES:**

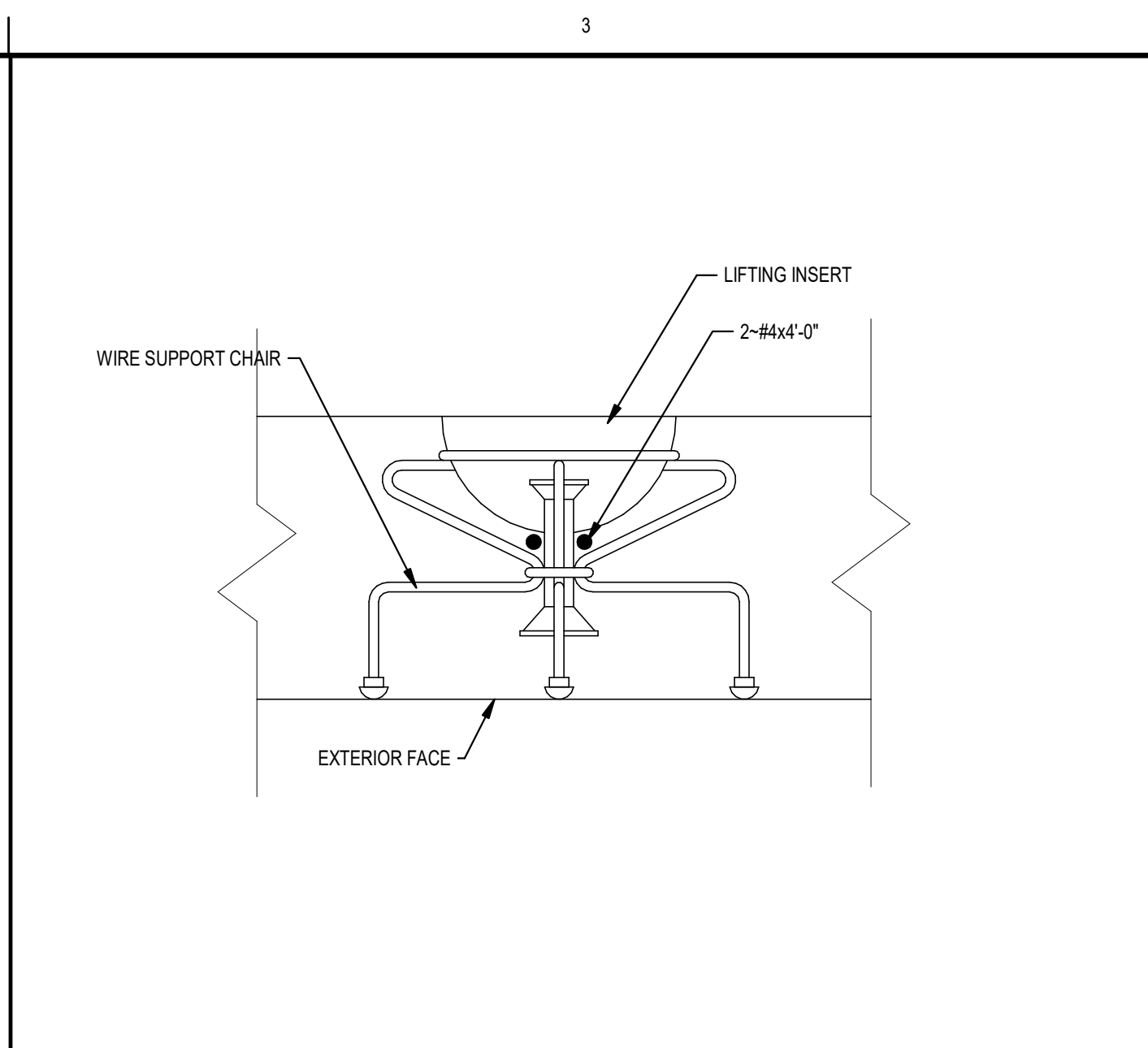
1. BRACE FORCES ARE SHOWN AS SERVICE LOADS BASED ON 0.6(ULTIMATE WIND).
2. [XX.XX] REPRESENTS TOP CHORD FORCE.



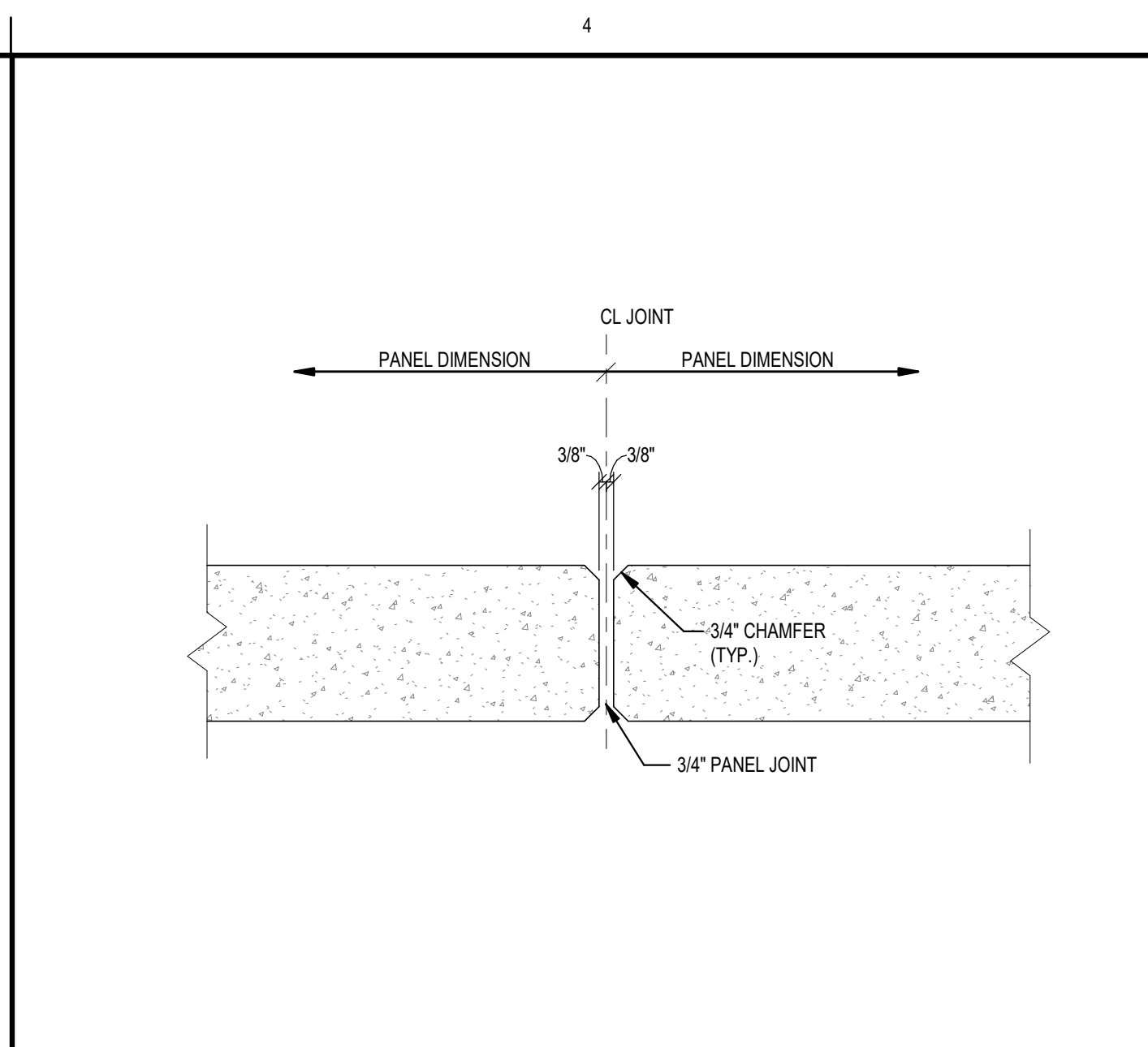
**D1** TYPICAL PANEL REINFORCEMENT LAYOUT  
SCALE: NOT TO SCALE



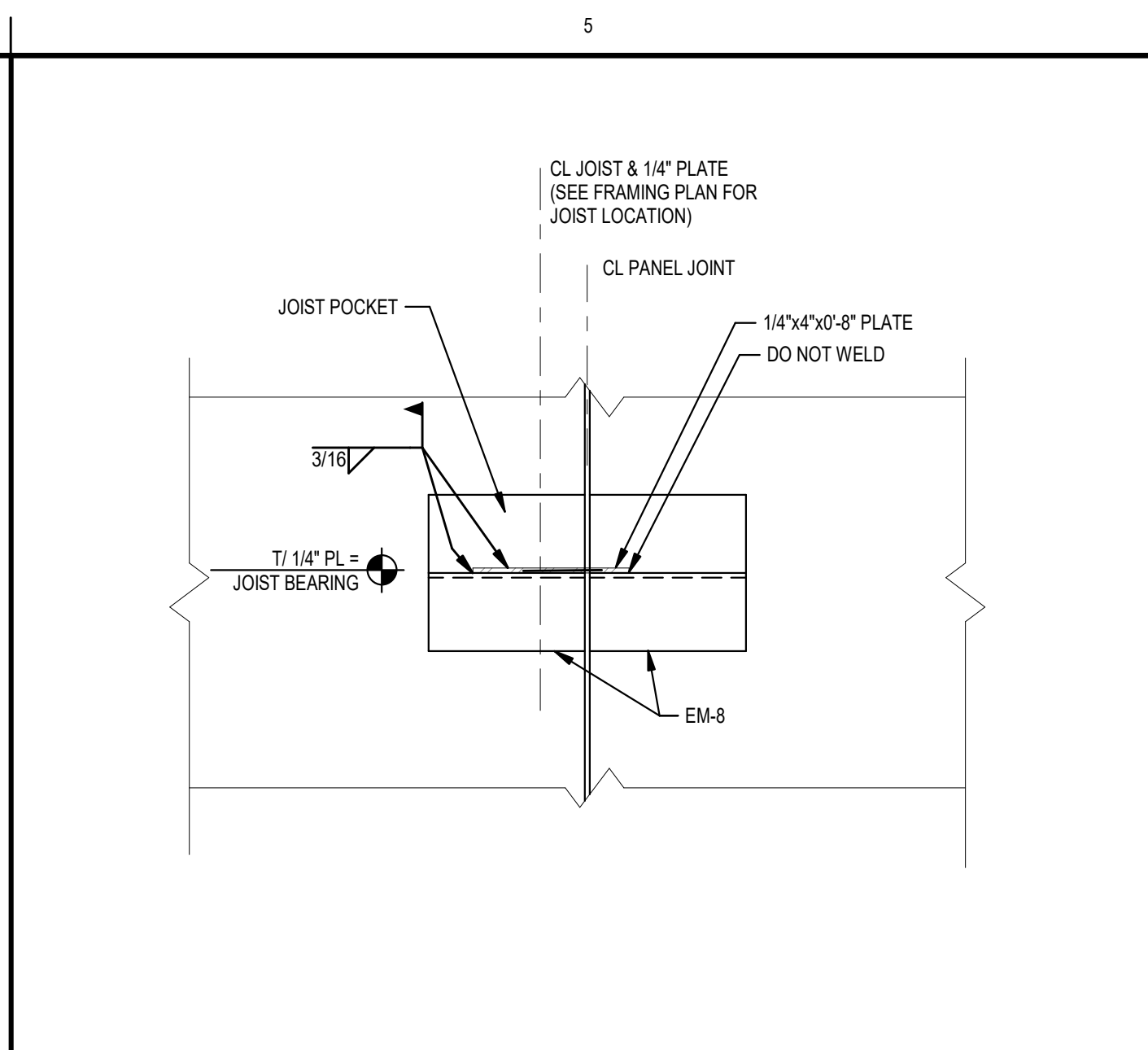
D2	TYPICAL REINFORCEMENT AROUND OPENING
	SCALE: NOT TO SCALE



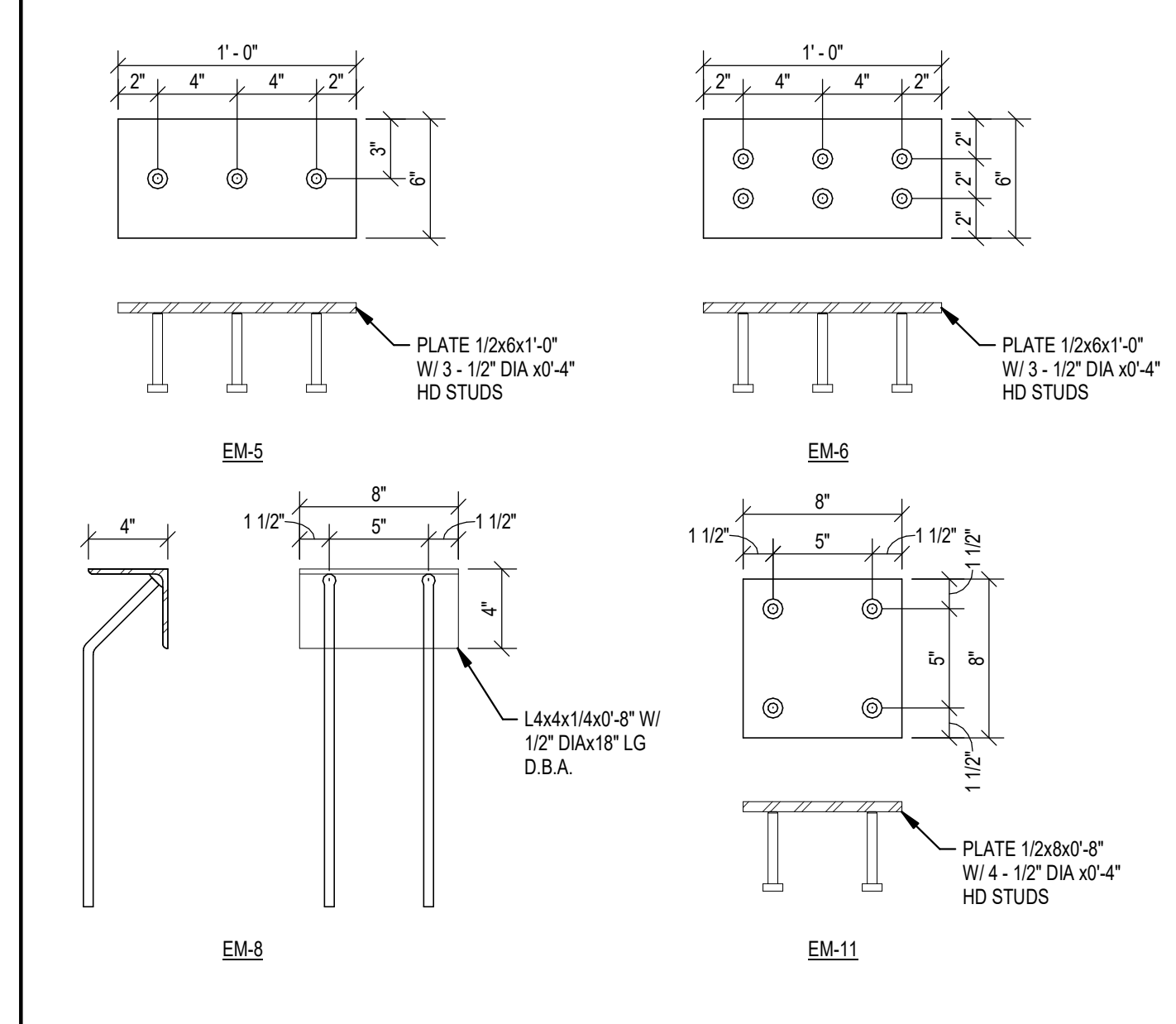
D3	TYPICAL LIFTING CHAIR INSERT SCALE: NOT TO SCALE
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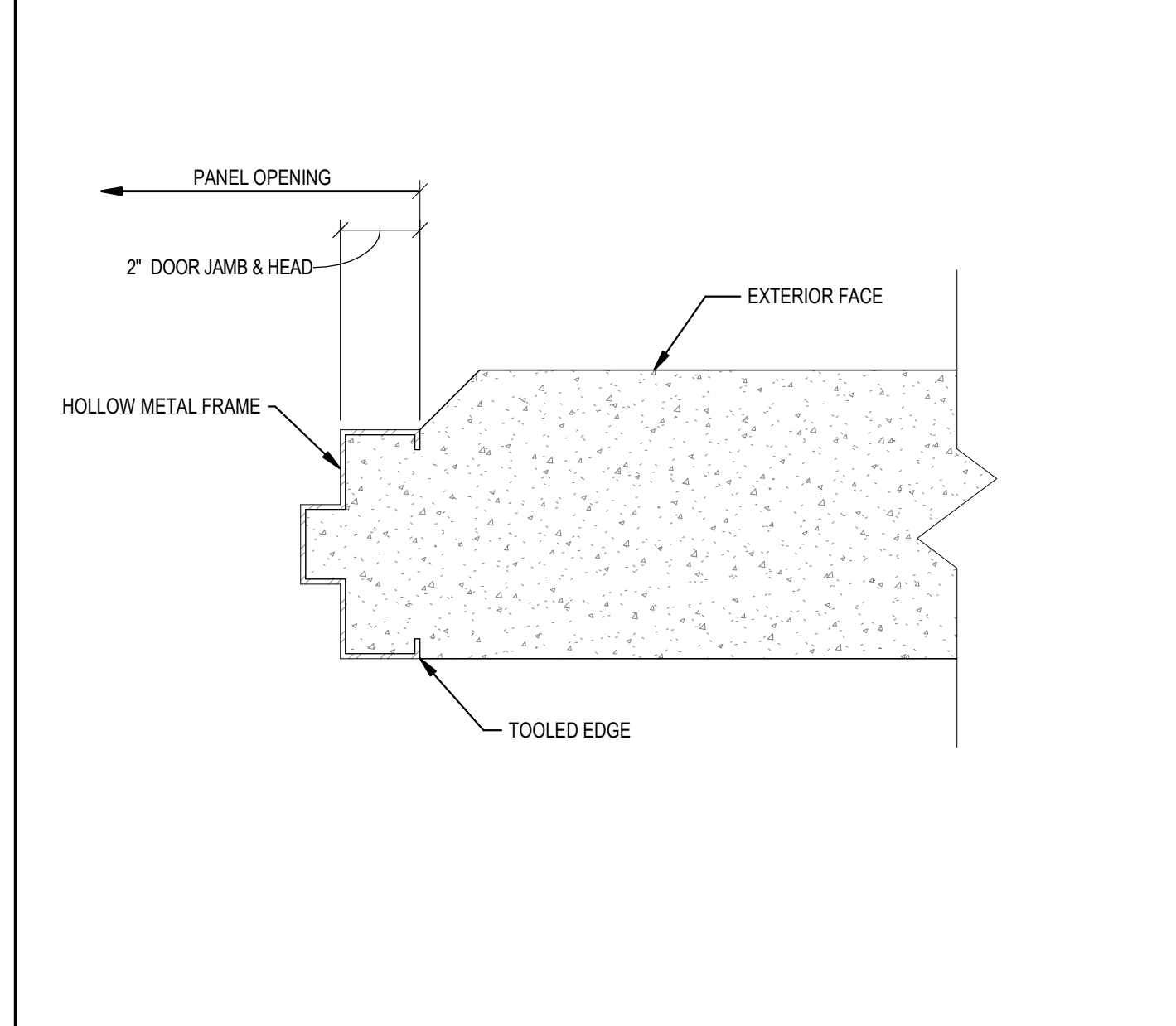
**D4** TYPICAL PANEL JOINT  
SCALE: NOT TO SCALE



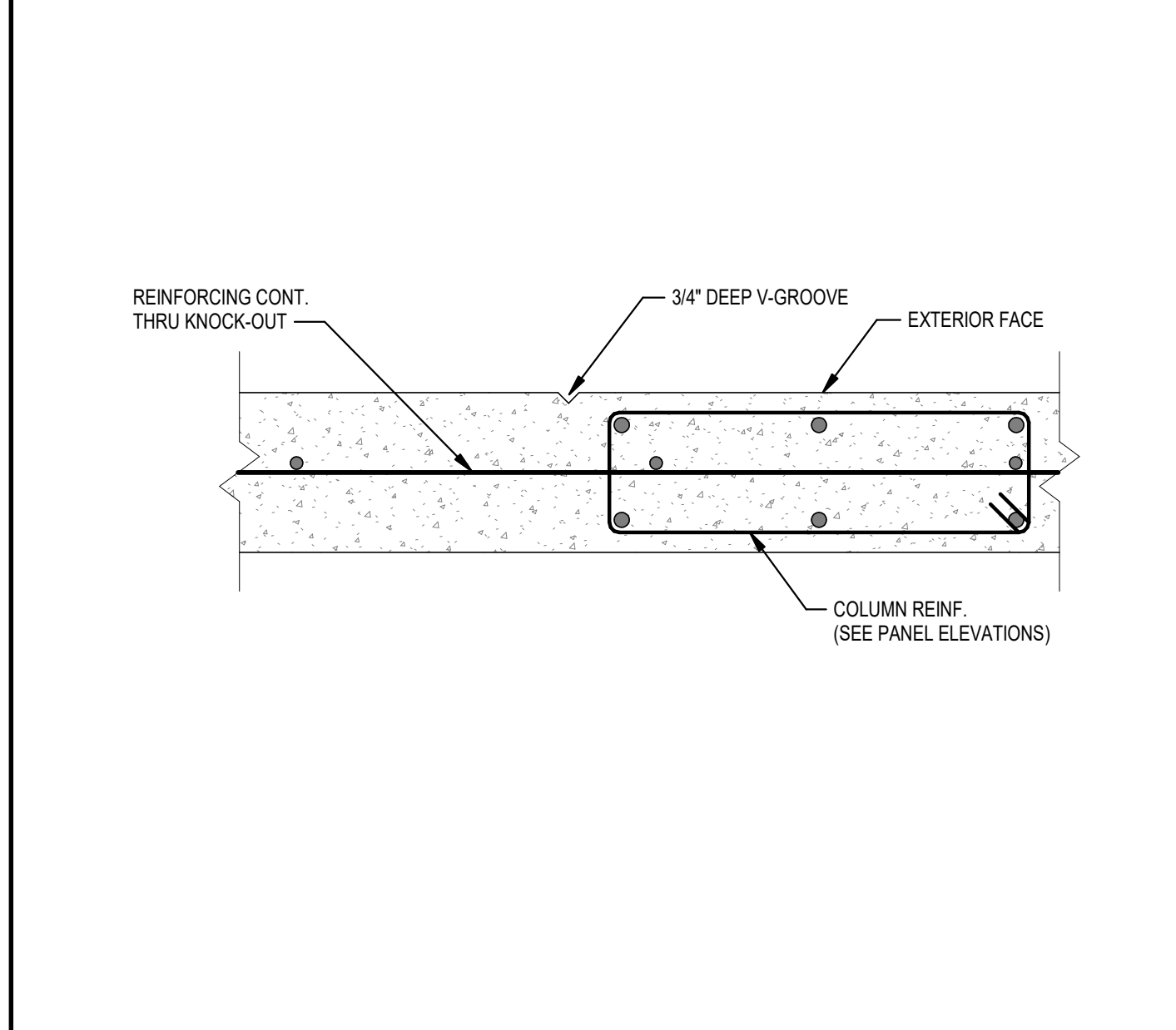
D5	DBL. JOIST POCKET DETAIL SCALE: NOT TO SCALE
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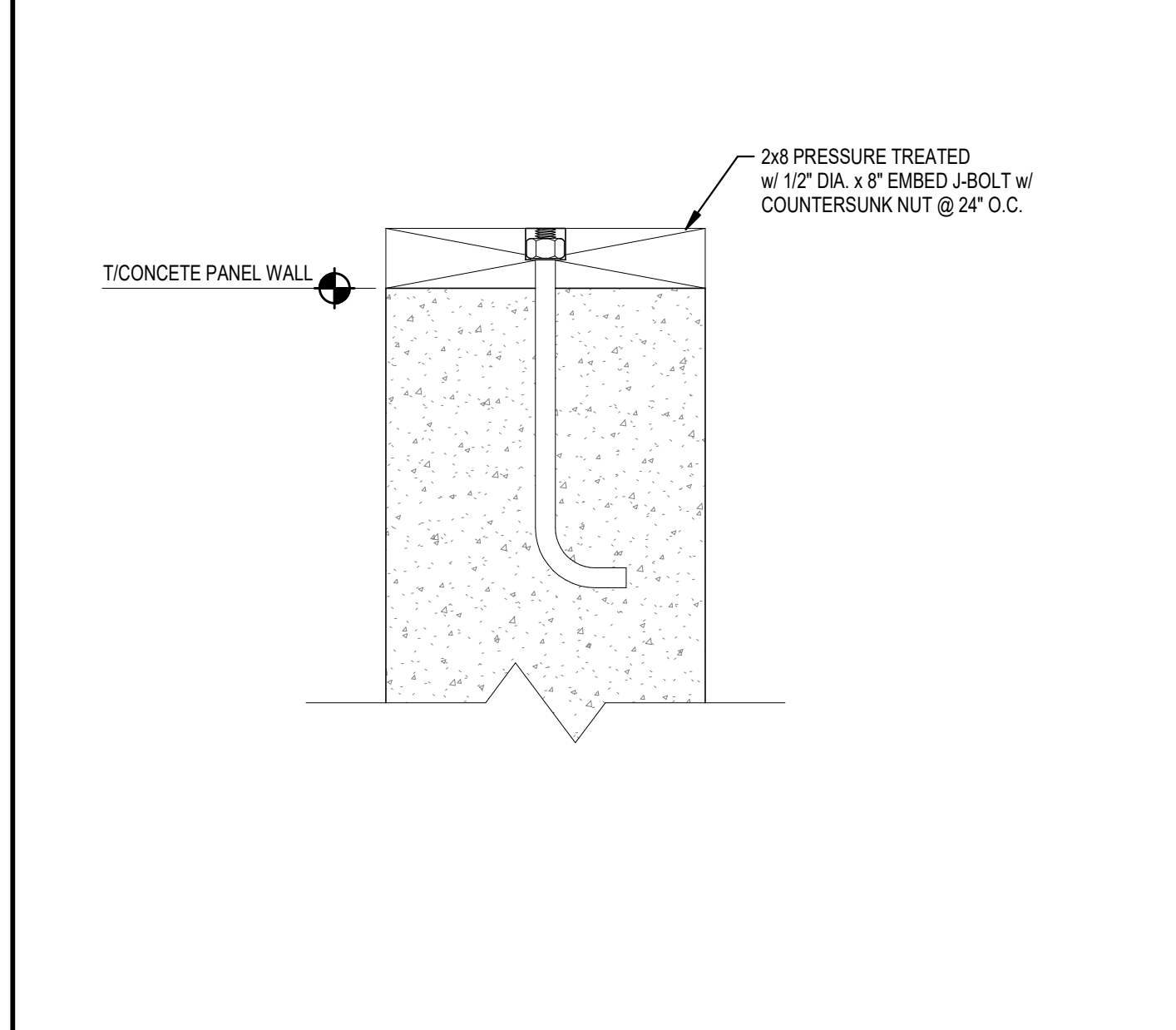
C1	<b>EMBED DETAILS</b> SCALE: NOT TO SCALE
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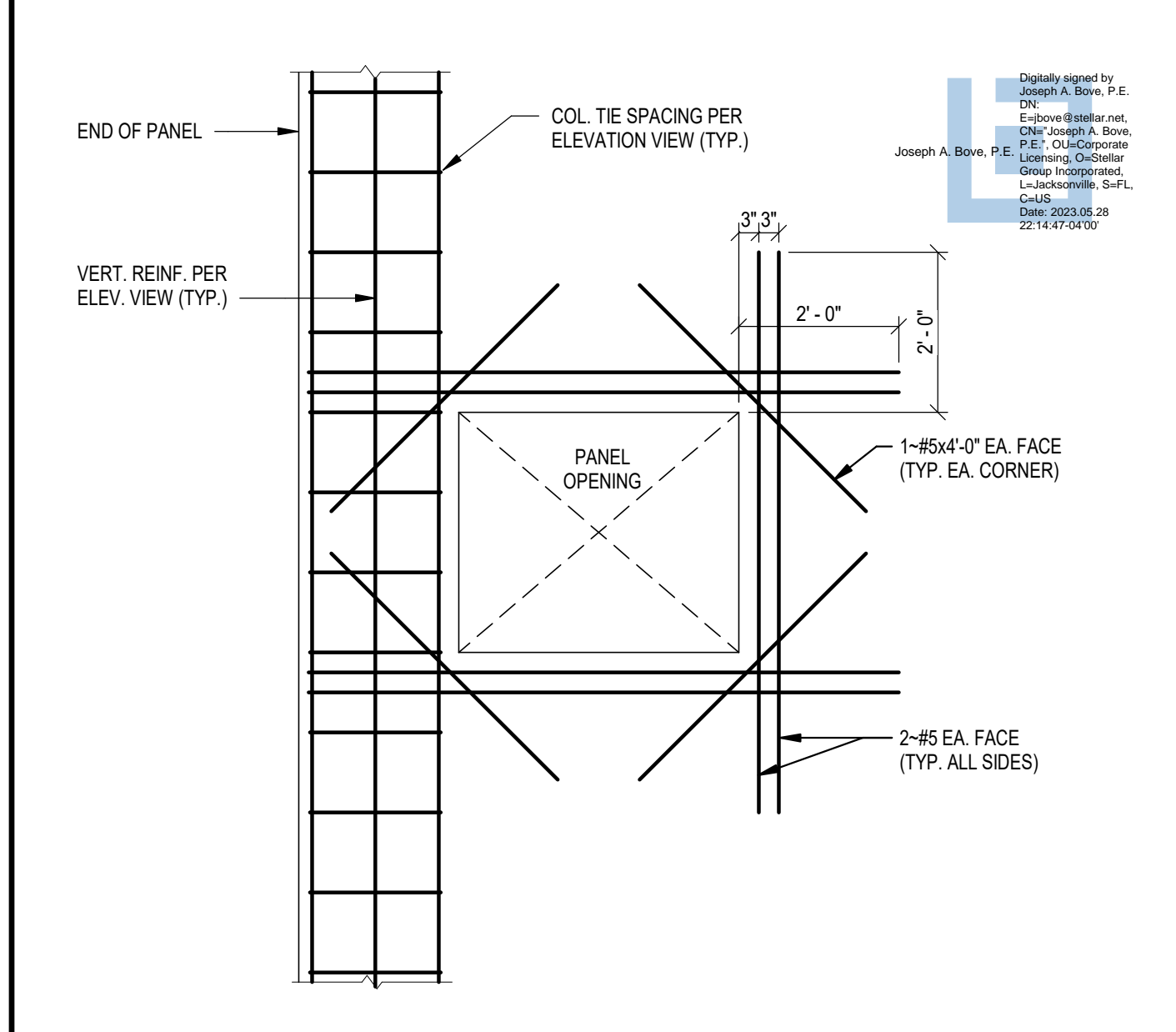
C2	H.M. DOOR FRAME
	SCALE: NOT TO SCALE



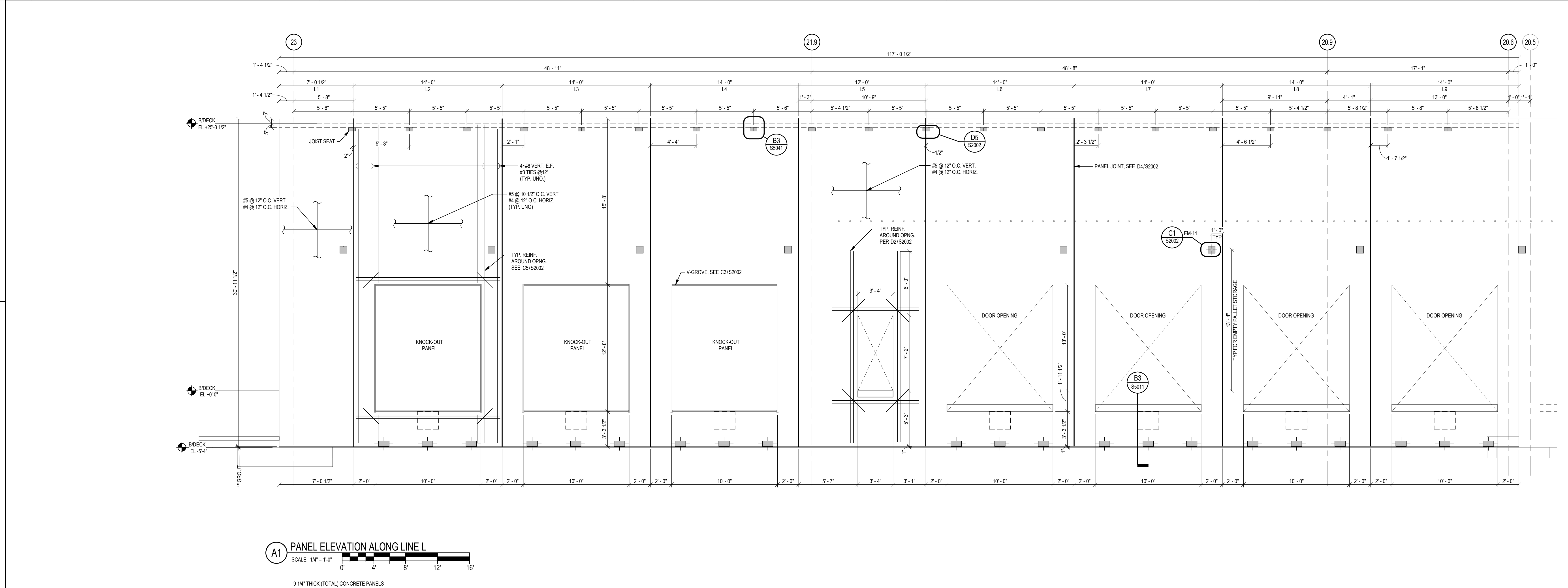
C3	V-GROOVE FOR KNOCK-OUT (K.O.) SCALE: NOT TO SCALE
----	--




C4	<b>TOP PLATE CONNECTION DETAIL</b> SCALE: NOT TO SCALE
----	---



**C5** TYP REINFORCEMENT AROUND OPENING w/ COLUMN REINF.  
SCALE: NOT TO SCALE



**A1** PANEL ELEVATION ALONG LINE L  
SCALE: 1/4" = 1'-0"



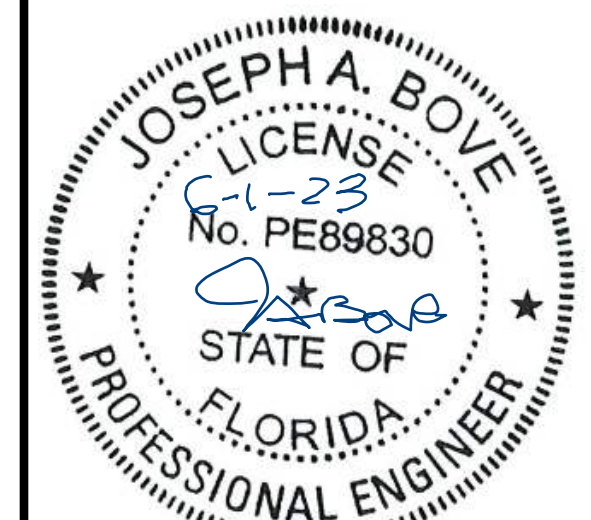
PROJECT INFORMATION

**UNITED STATES COLD STORAGE  
PHASE III EXPANSION  
LAKE CITY, FLORIDA**



OPERATING AS:  
THE STELLAR GROUP  
2900 HARTLEY ROAD, JACKSONVILLE, FL. 32257 (904) 260-2900  
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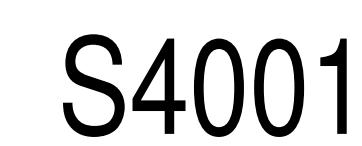
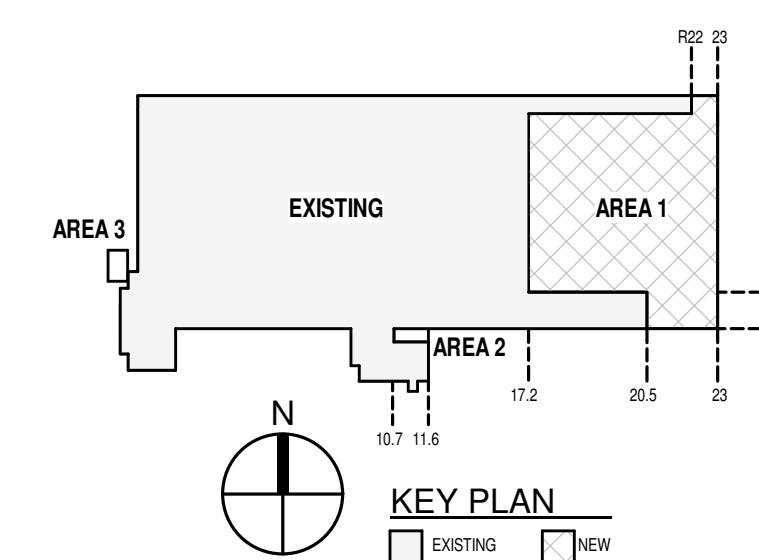
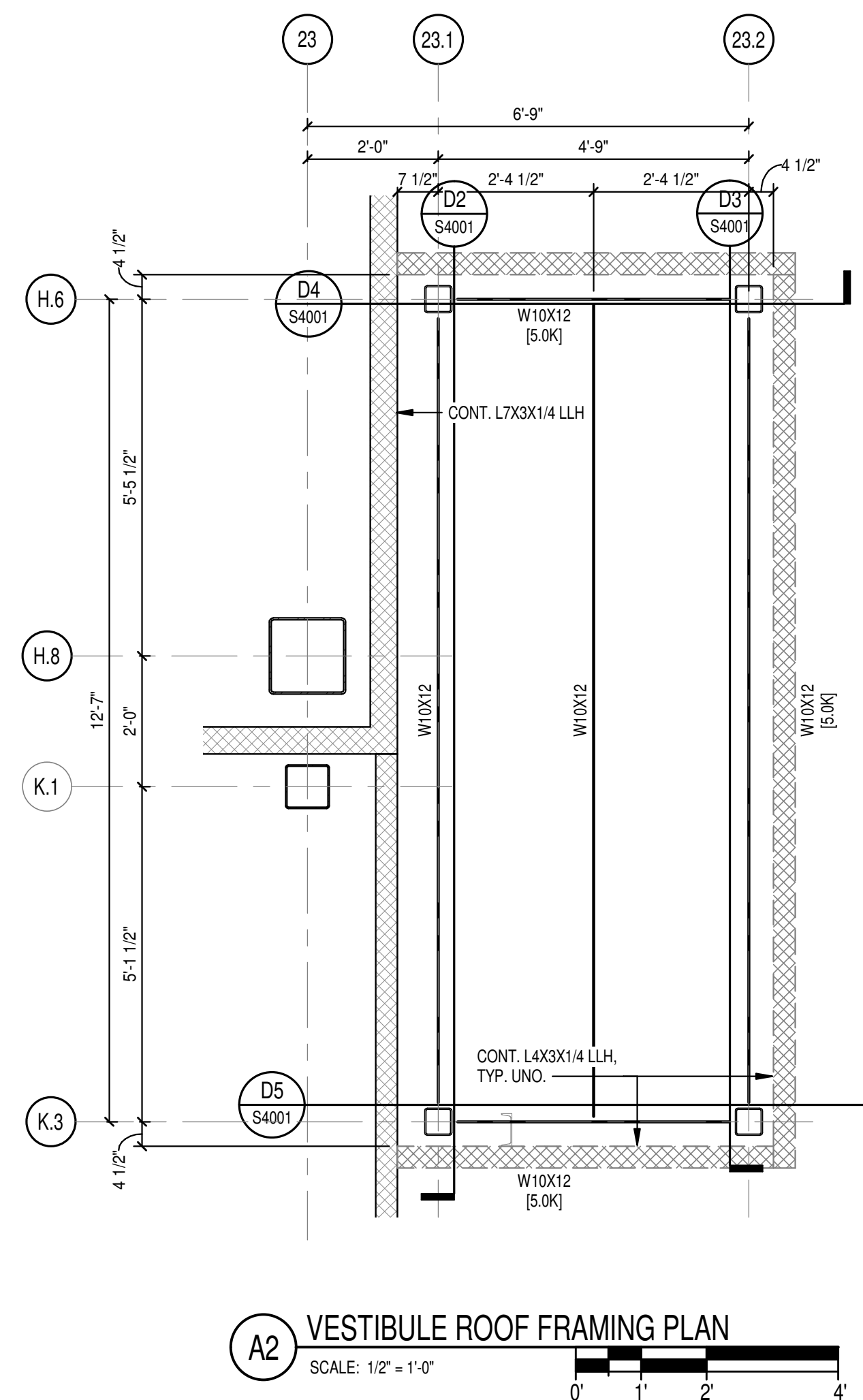
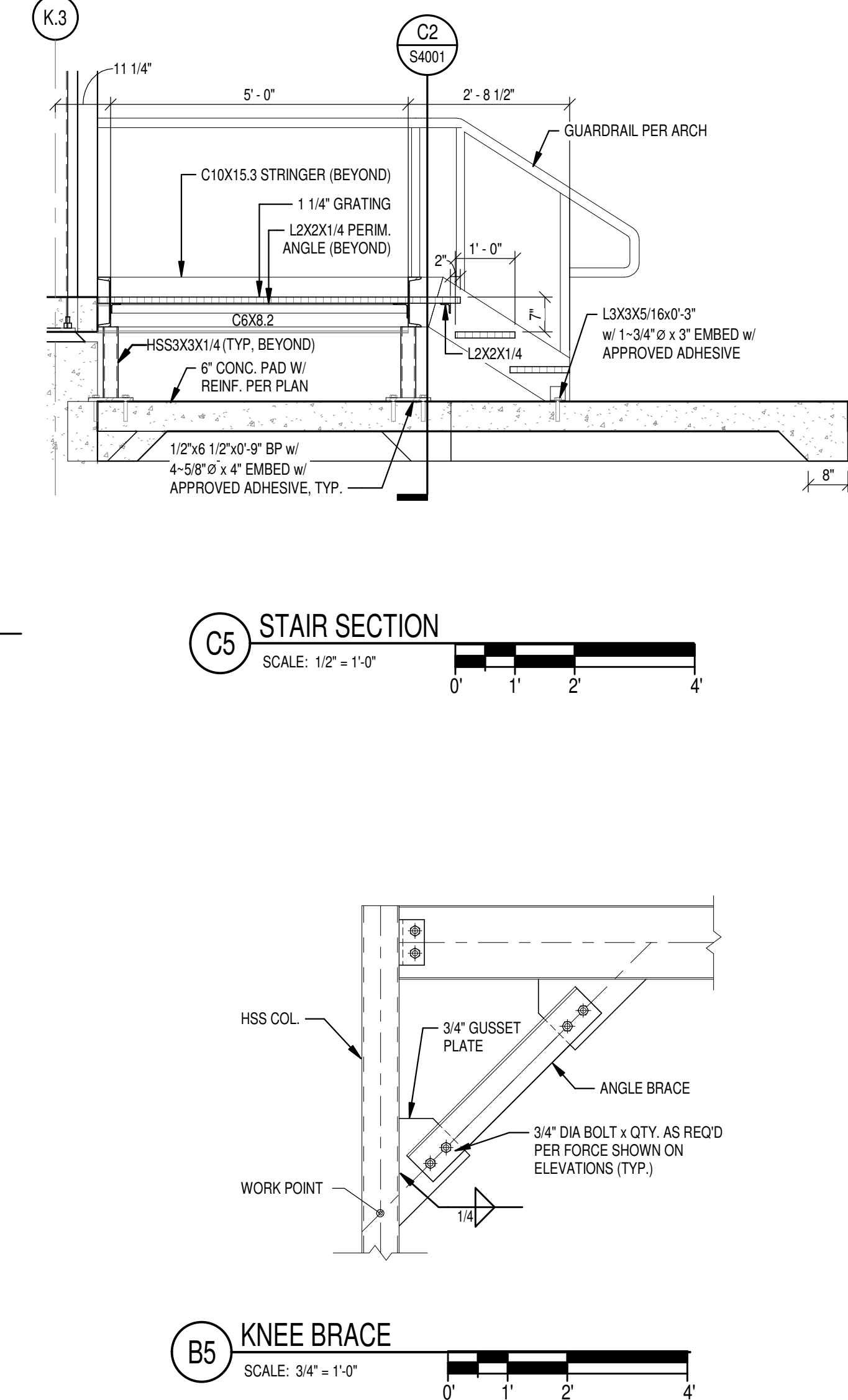
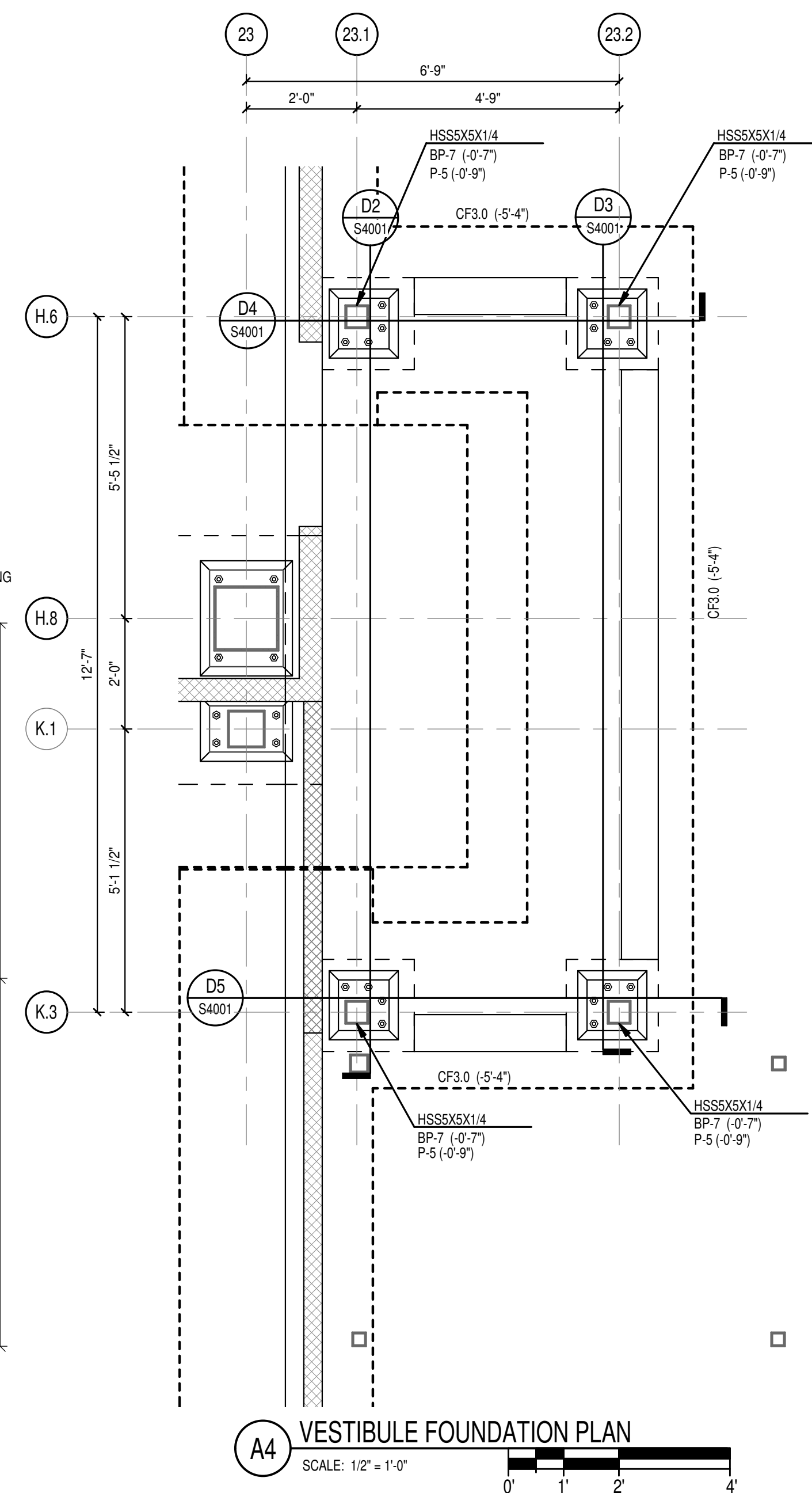
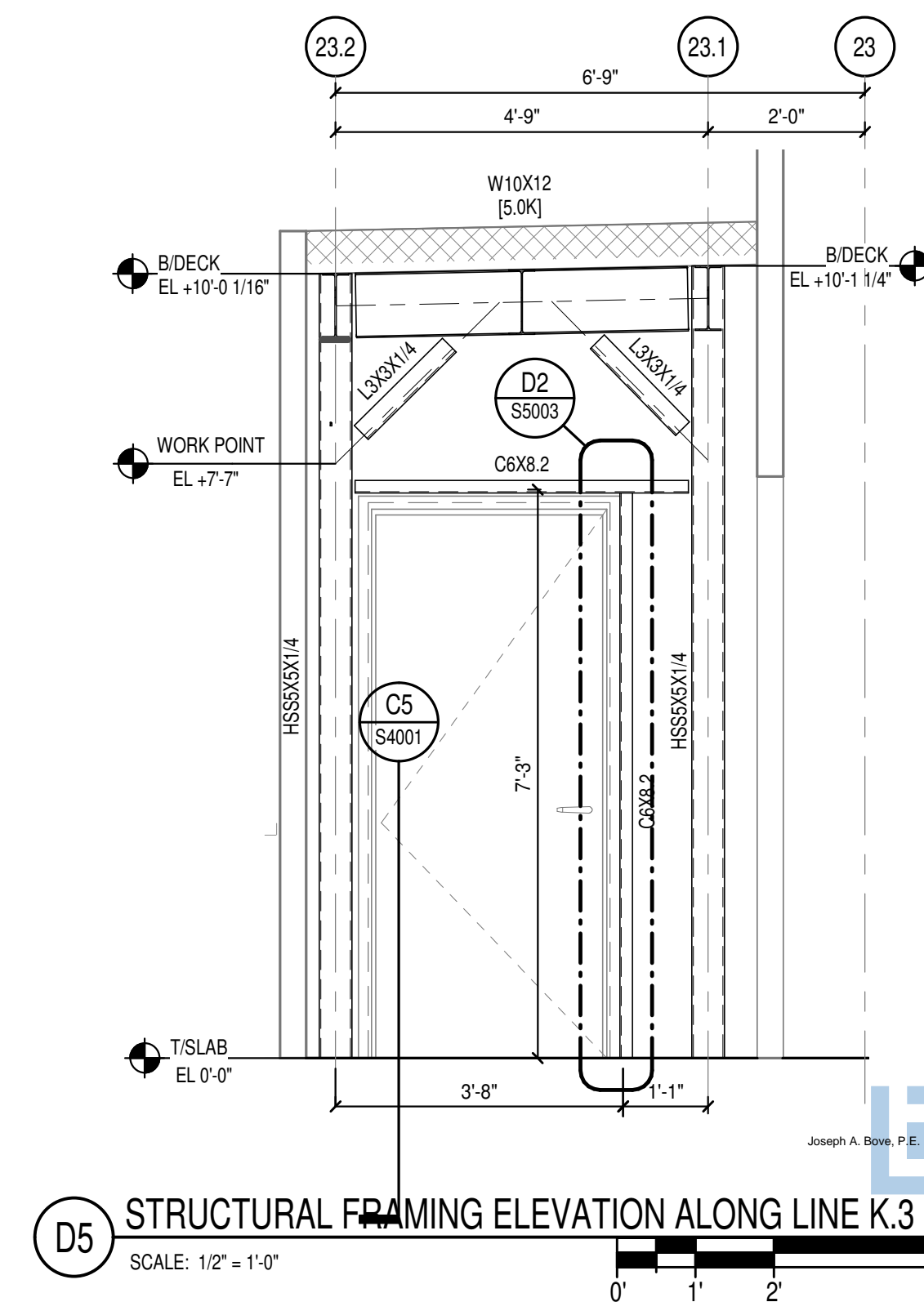
NO.	DESCRIPTION	DATE
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DATE ISSUED:	04/03/2023
DESIGNED BY:	SRS
REVIEWED BY:	JFM
A/EOR:	JAB
PROJECT NUMBER:	07366
SHEET TITLE	

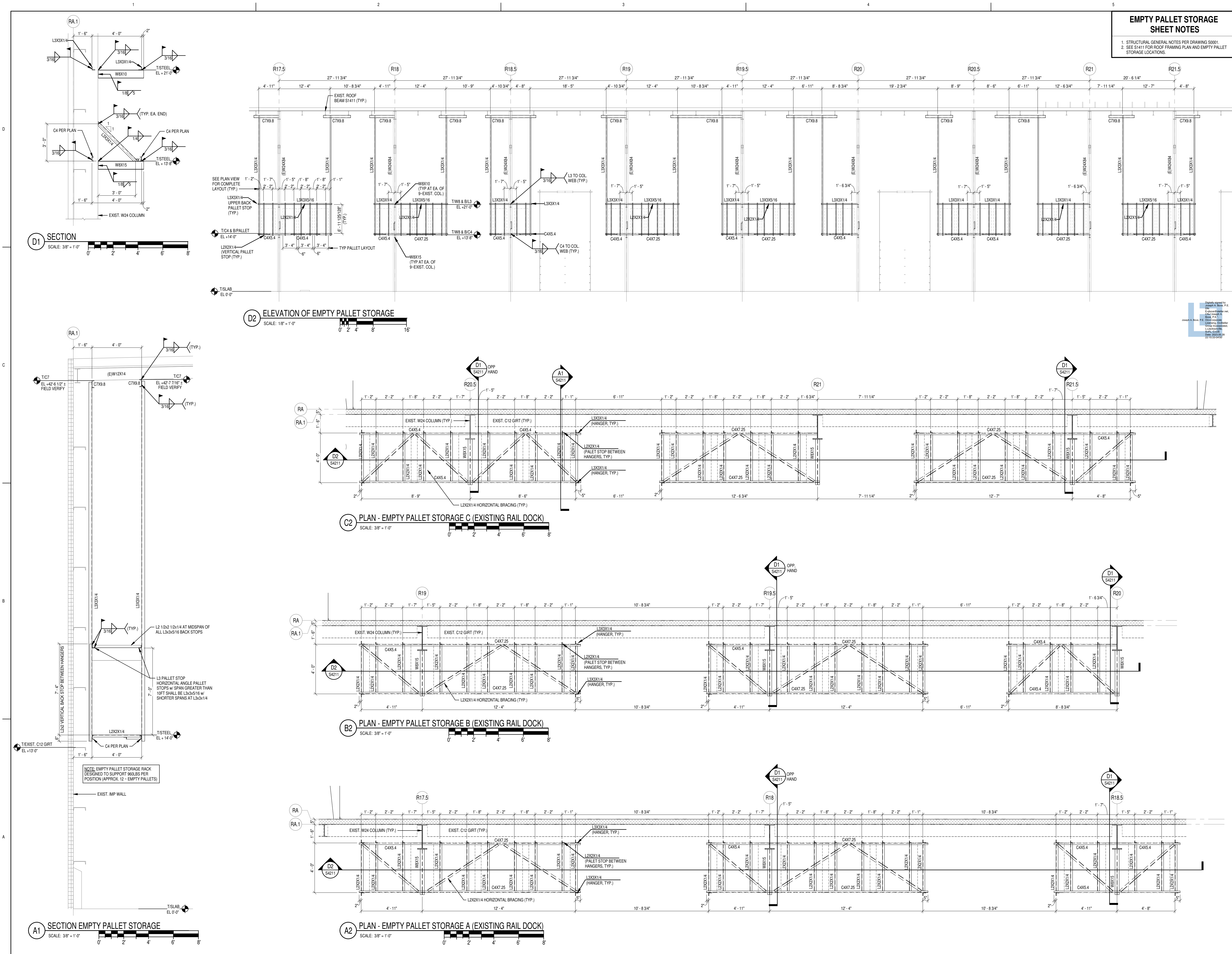
## STRUCTURAL TILT-UP ELEVATIONS & DETAILS

SHEET ID

S2002



5/26/2023 2:10:37 AM BM 360/07396 United States Cold Storage Building Expansion Phase III FL 07396\_PHASE III\_S\_R220.rvt



EMPTY PALLET STORAGE  
SHEET NOTES

1. STRUCTURAL GENERAL NOTES PER DRAWING 50001.
2. SEE S1411 FOR ROOF FRAMING PLAN AND EMPTY PALLET STORAGE LOCATIONS.



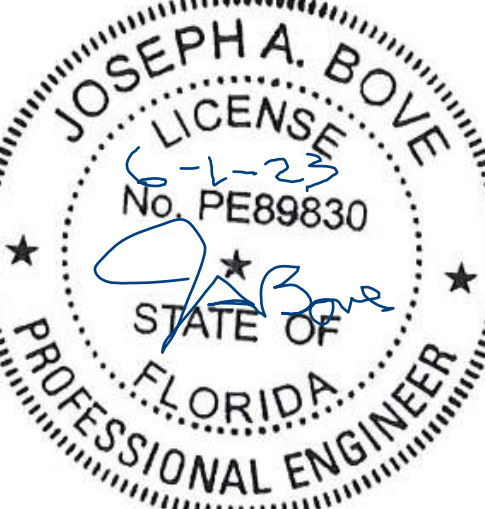
PROJECT INFORMATION

UNITED STATES COLD STORAGE  
PHASE III EXPANSION  
LAKE CITY, FLORIDA



OPERATING AS:  
THE STELLAR GROUP  
2900 HARTLEY ROAD, JACKSONVILLE, FL 32257 (R04) 260-2900  
WWW.STELLAR.NET  
FLORIDA ARCHITECTURAL LICENSE NO. AR0013370  
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REVISIONS

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A	DESIGN DEVELOPMENT 1	03/06/2023

DATE ISSUED: 03/06/2023  
DESIGNED BY: SRS  
REVIEWED BY: SRS  
A/EOR: JAB  
PROJECT NUMBER: 07396  
SHEET TITLE

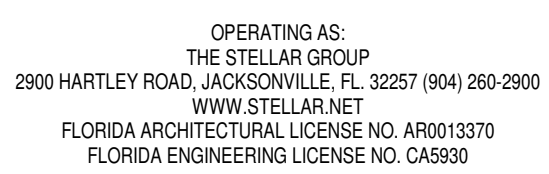
EMPTY PALLET STORAGE  
FRAMING PLANS

SHEET 0

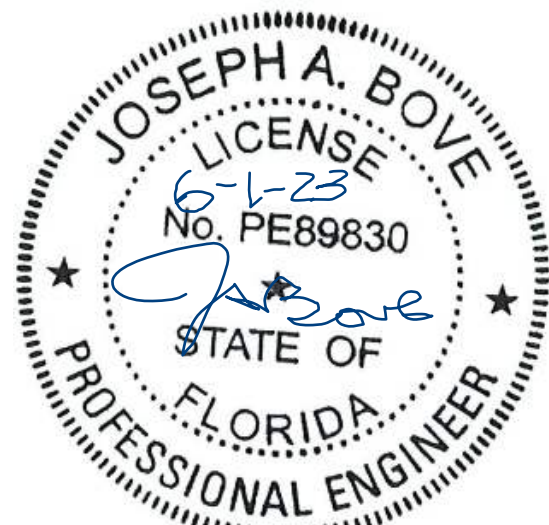
S4211



**UNITED STATES COLD STORAGE**  
**PHASE III EXPANSION**  
LAKE CITY, FLORIDA



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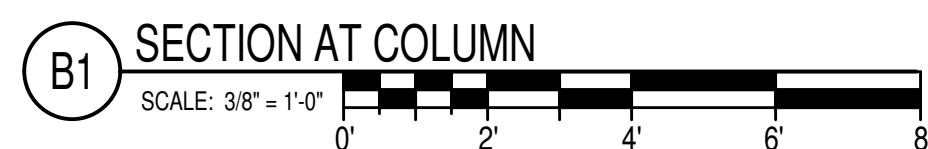
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DATE ISSUED:	04/03/2023
DESIGNED BY:	SRS
REVIEWED BY:	JFM
A/EOR:	JAB
PROJECT NUMBER:	07366
SHEET TITLE	

MAINTENANCE CATWALK  
FRAMING PLAN - AREA 1

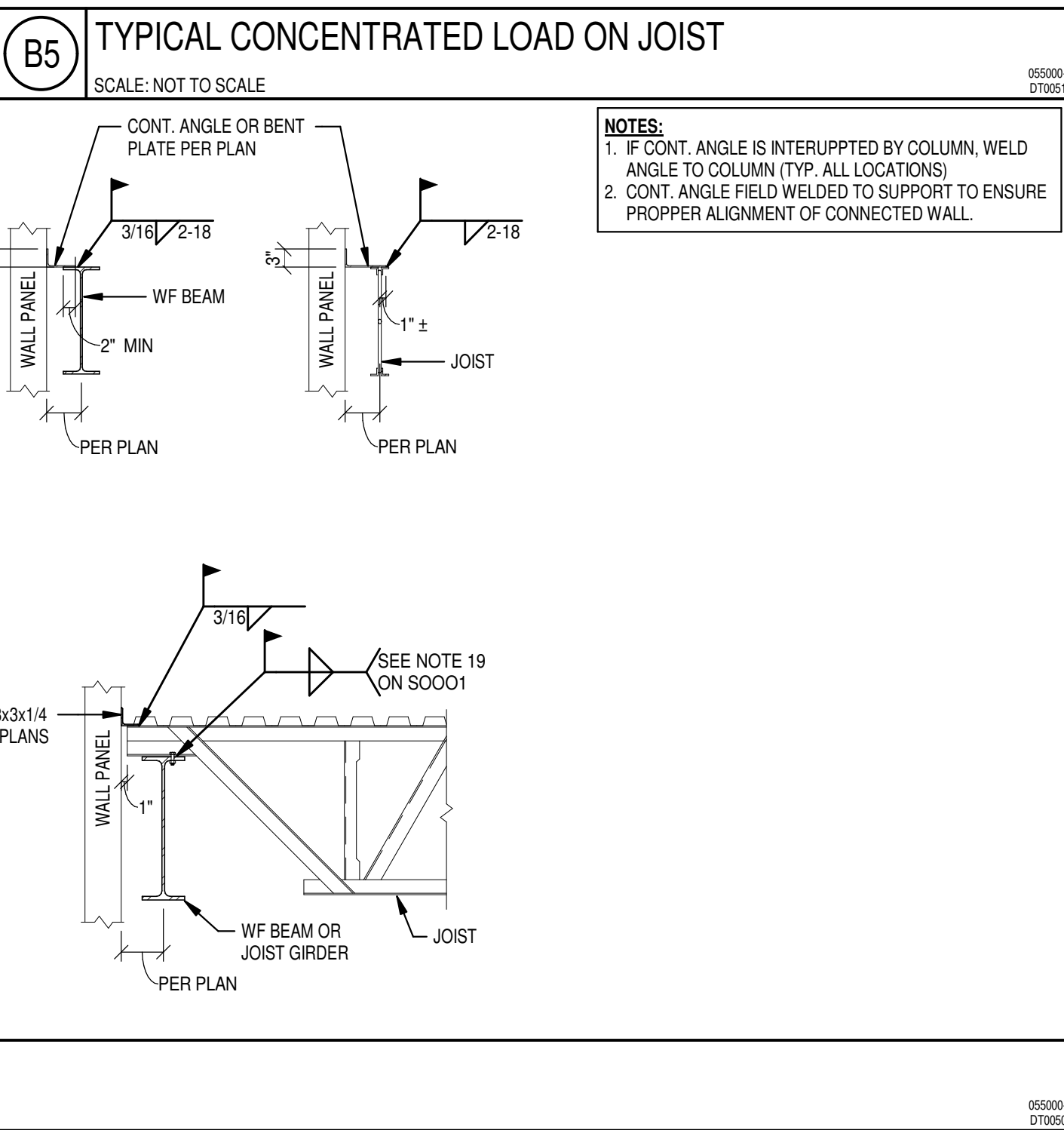
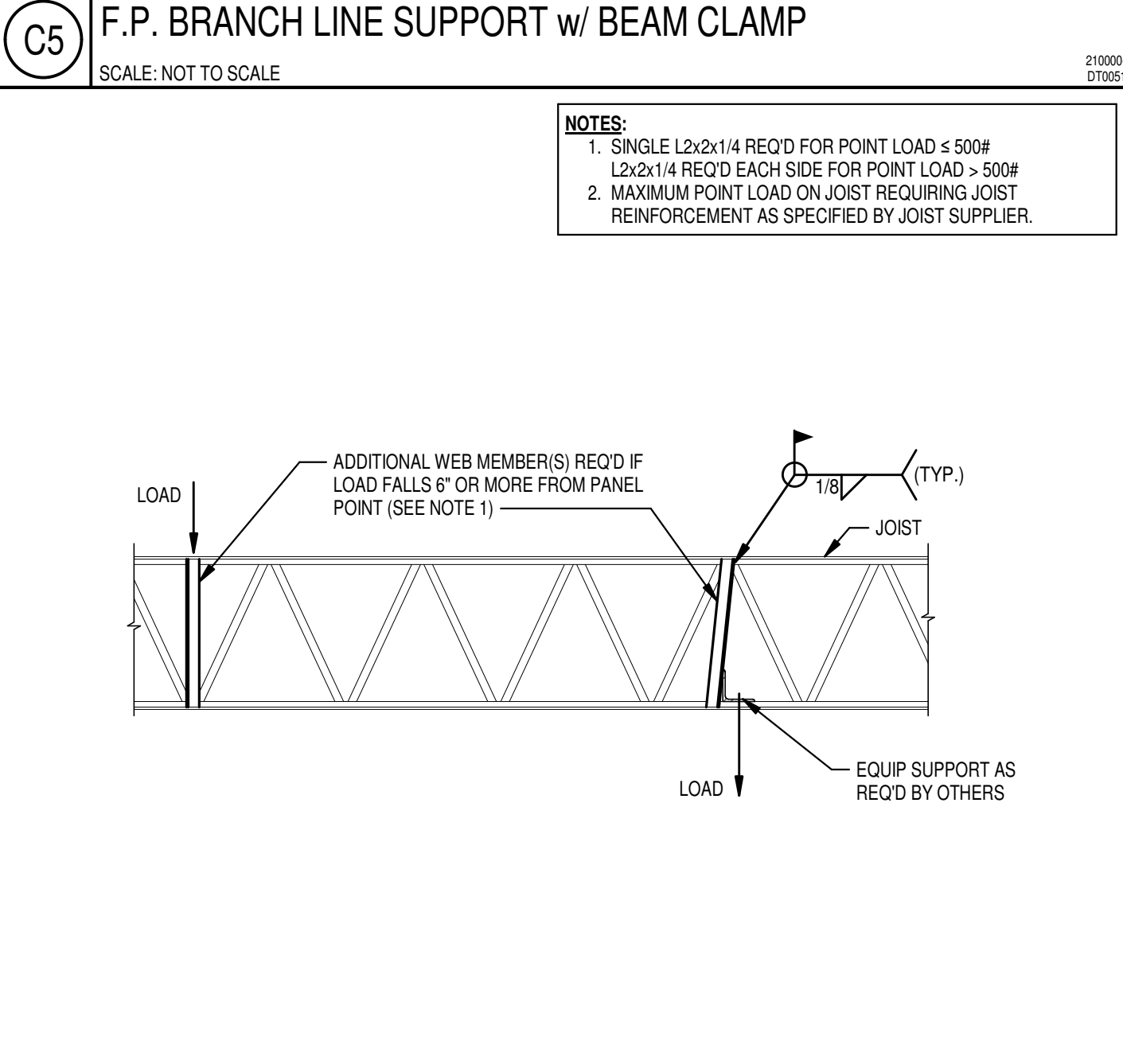
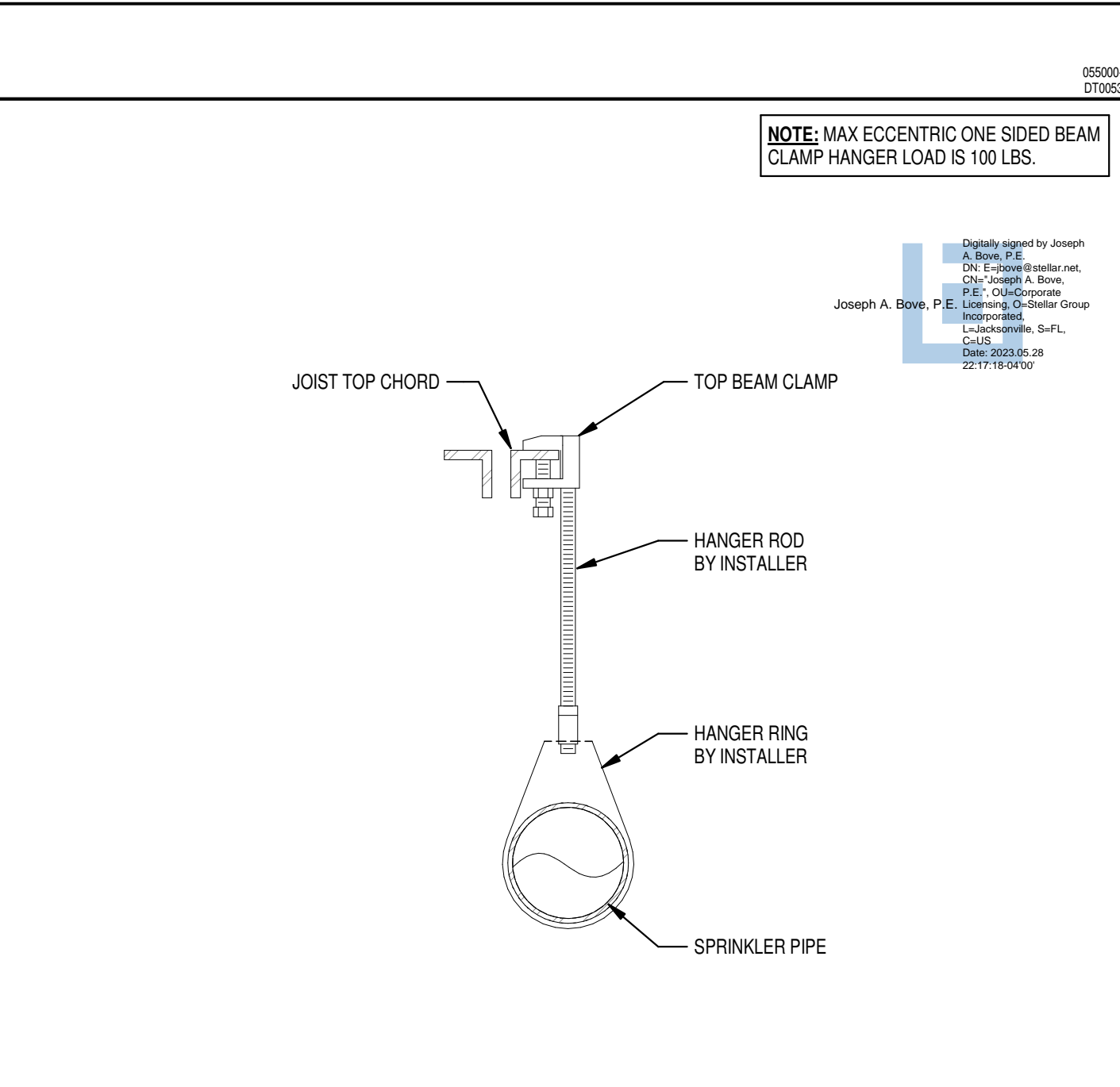
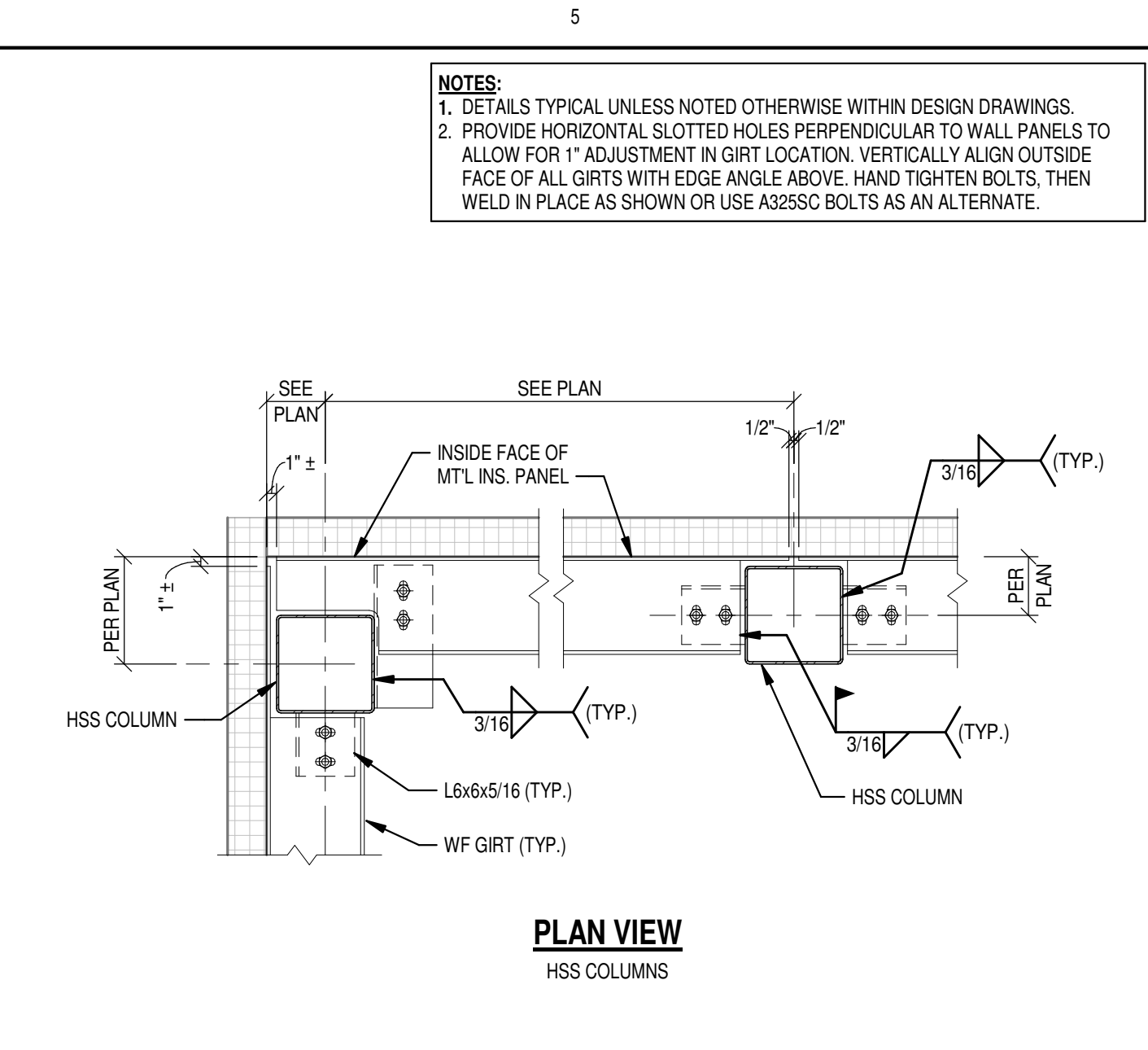
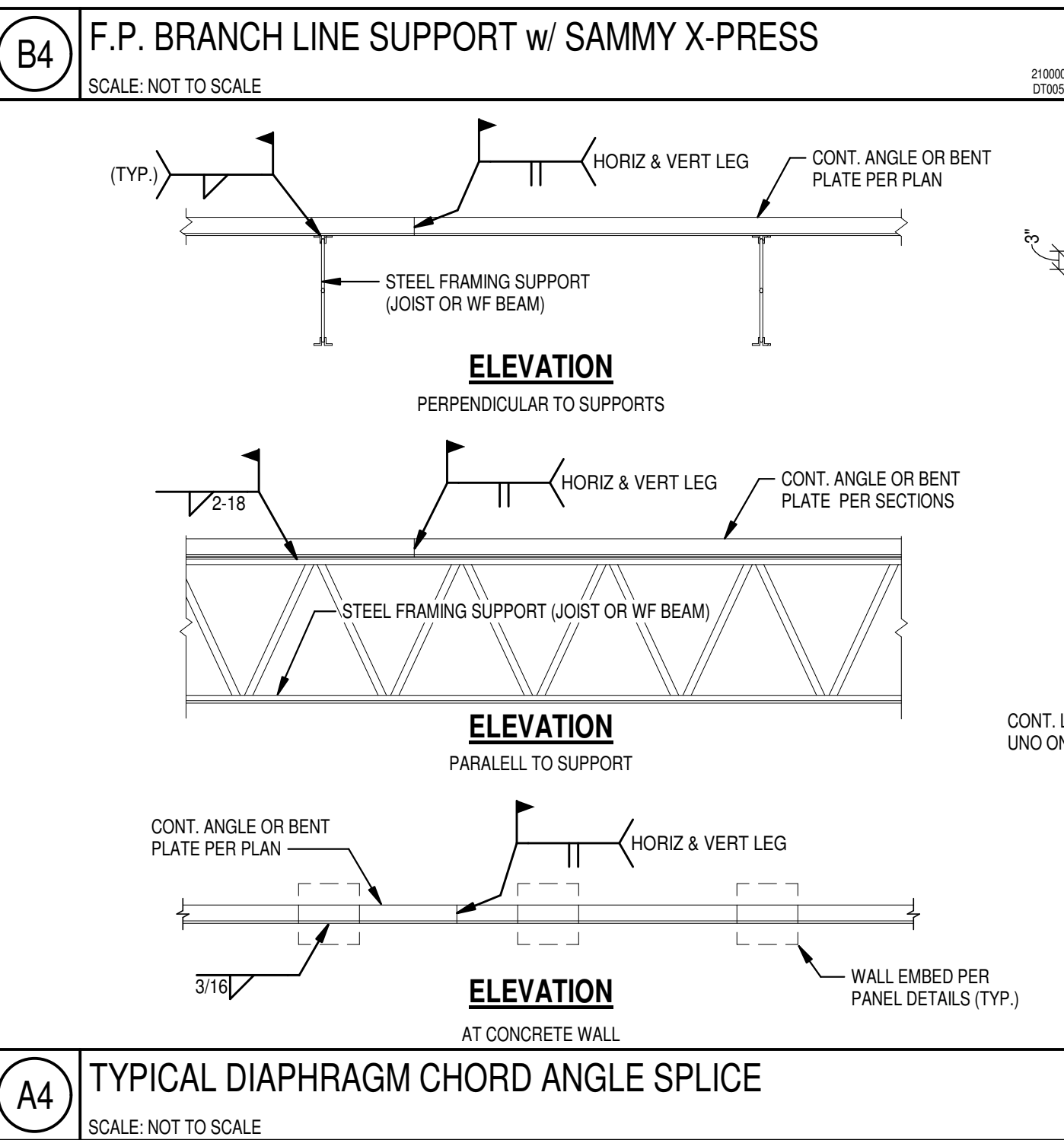
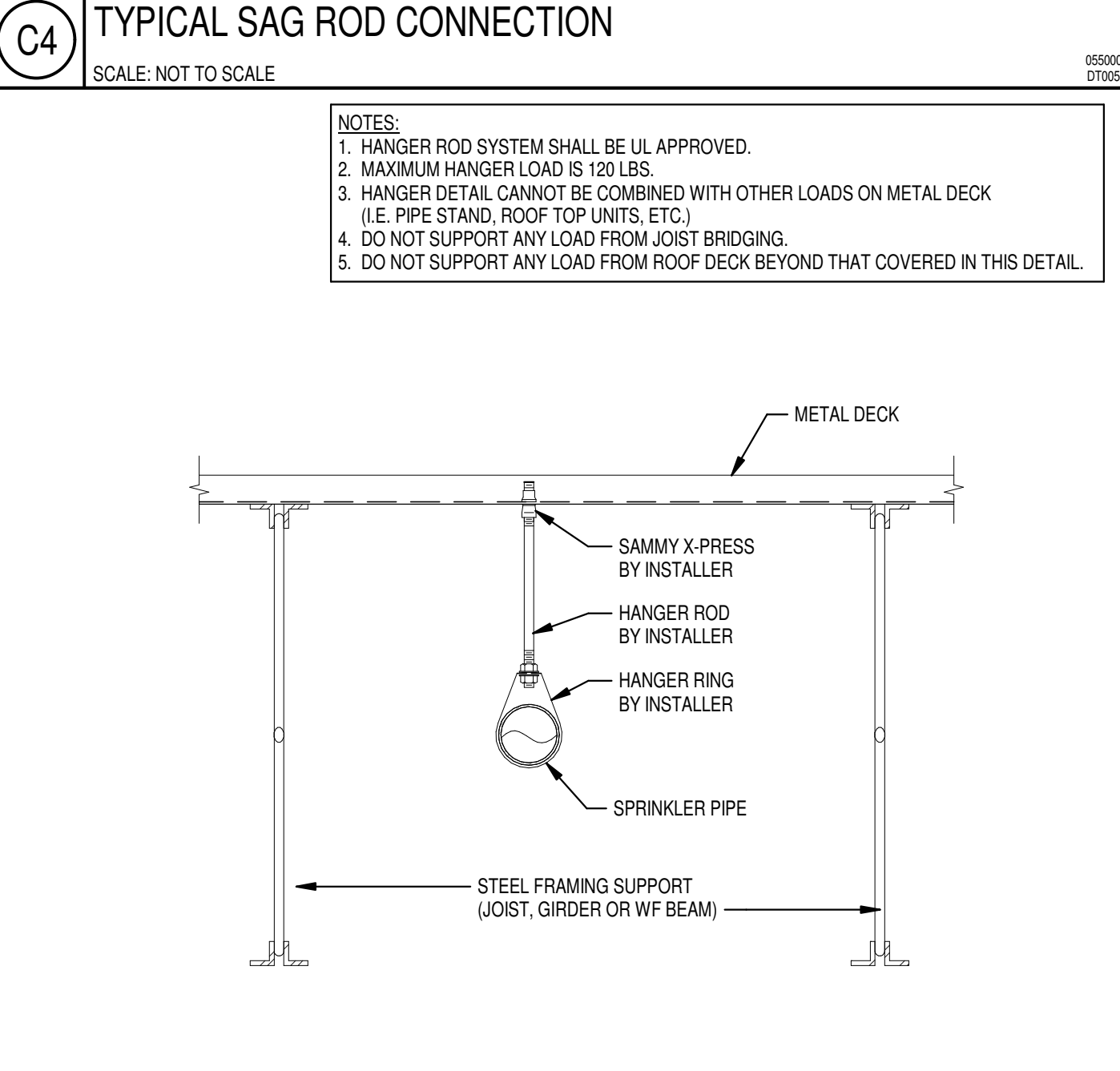
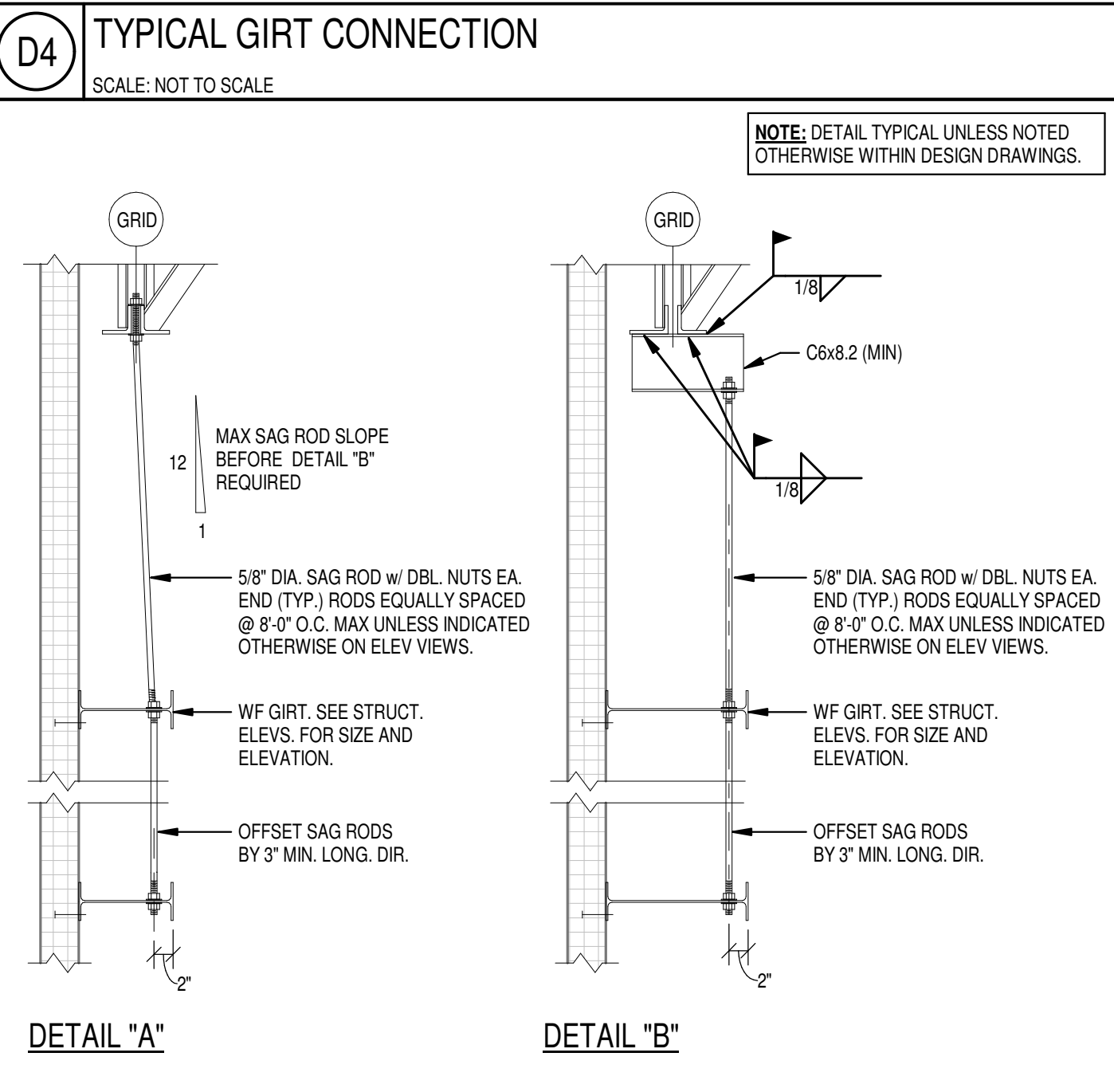
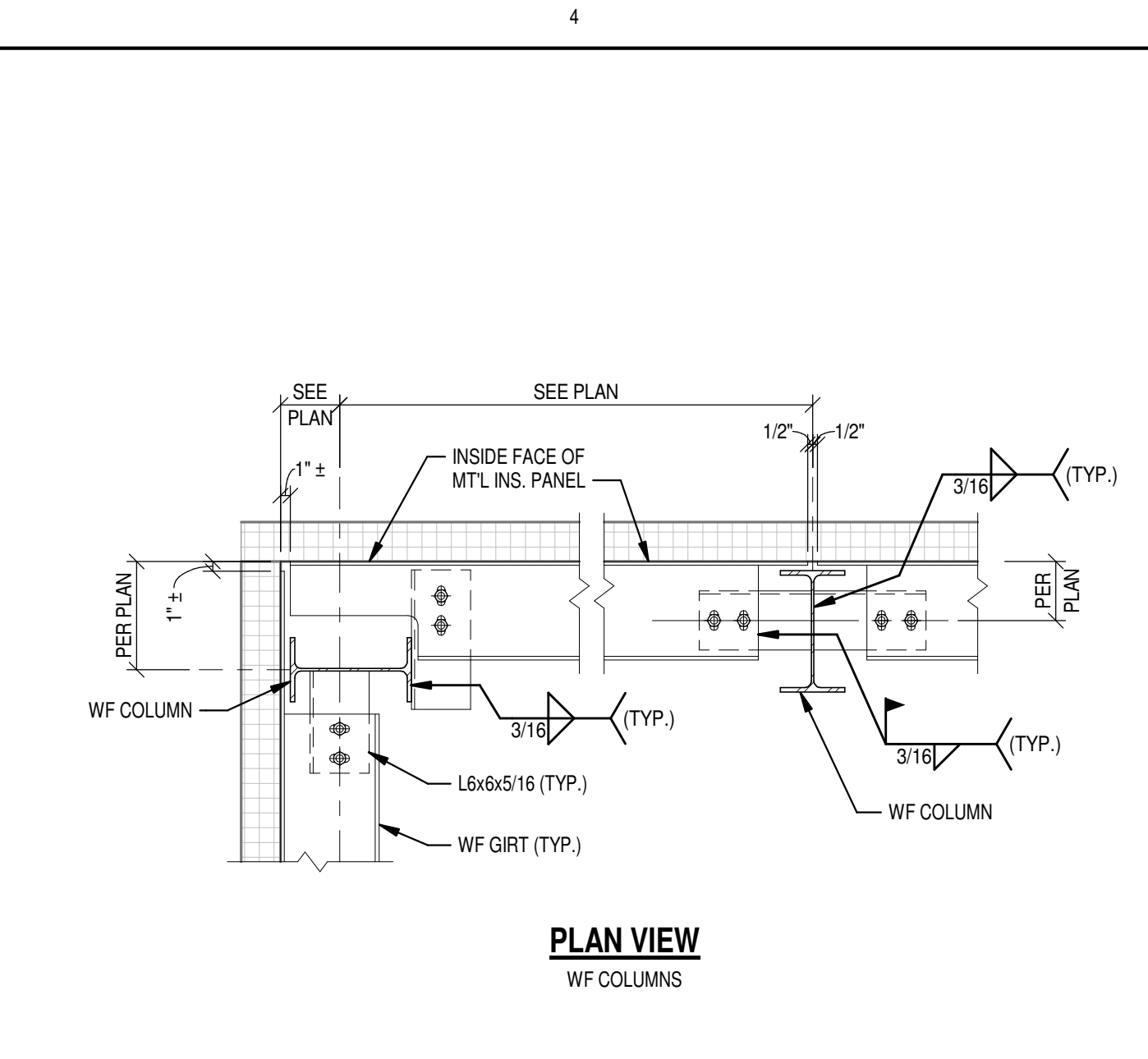
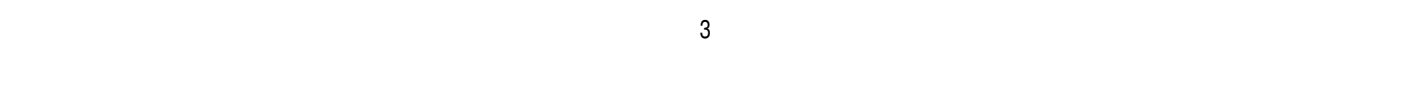
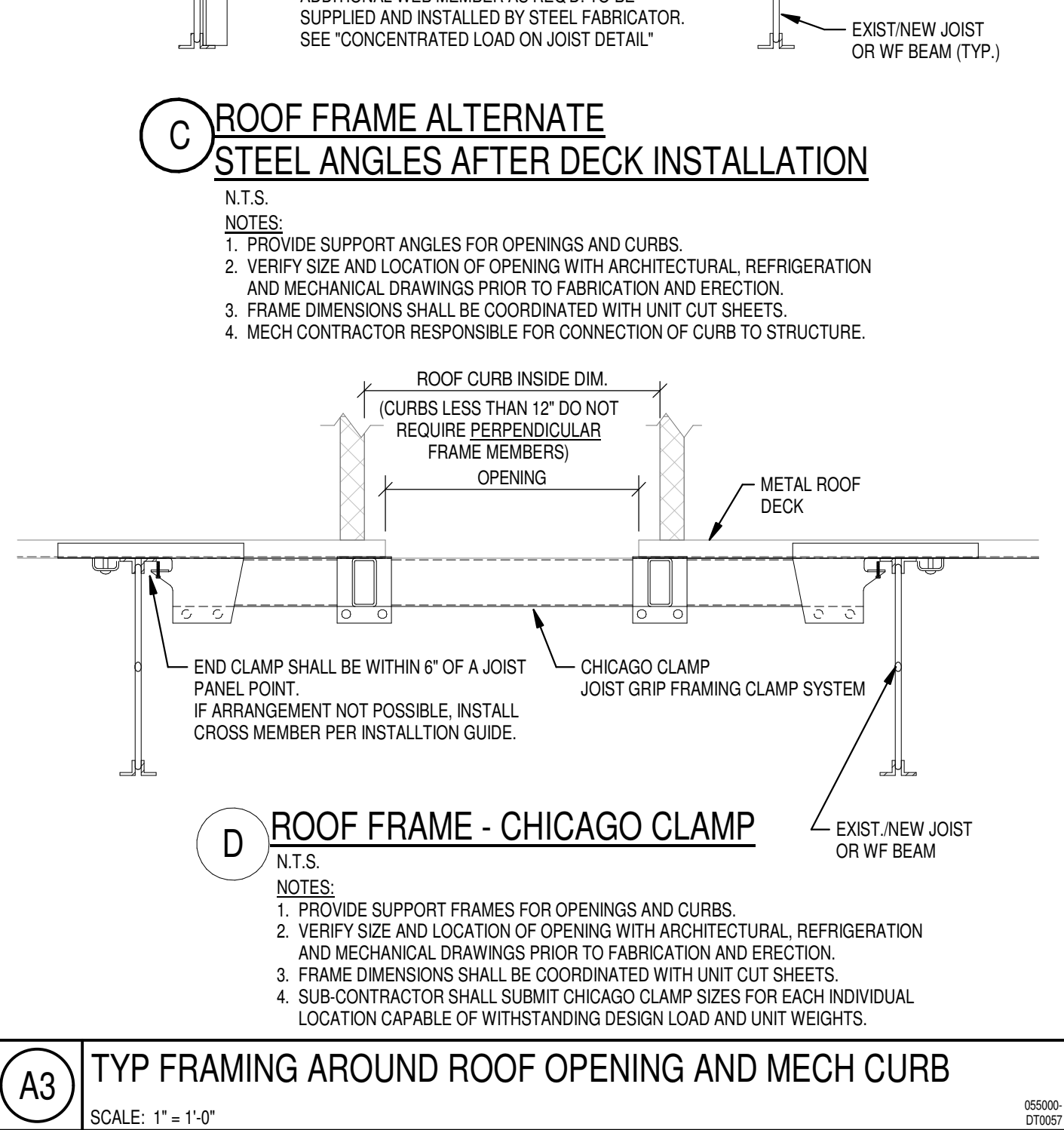
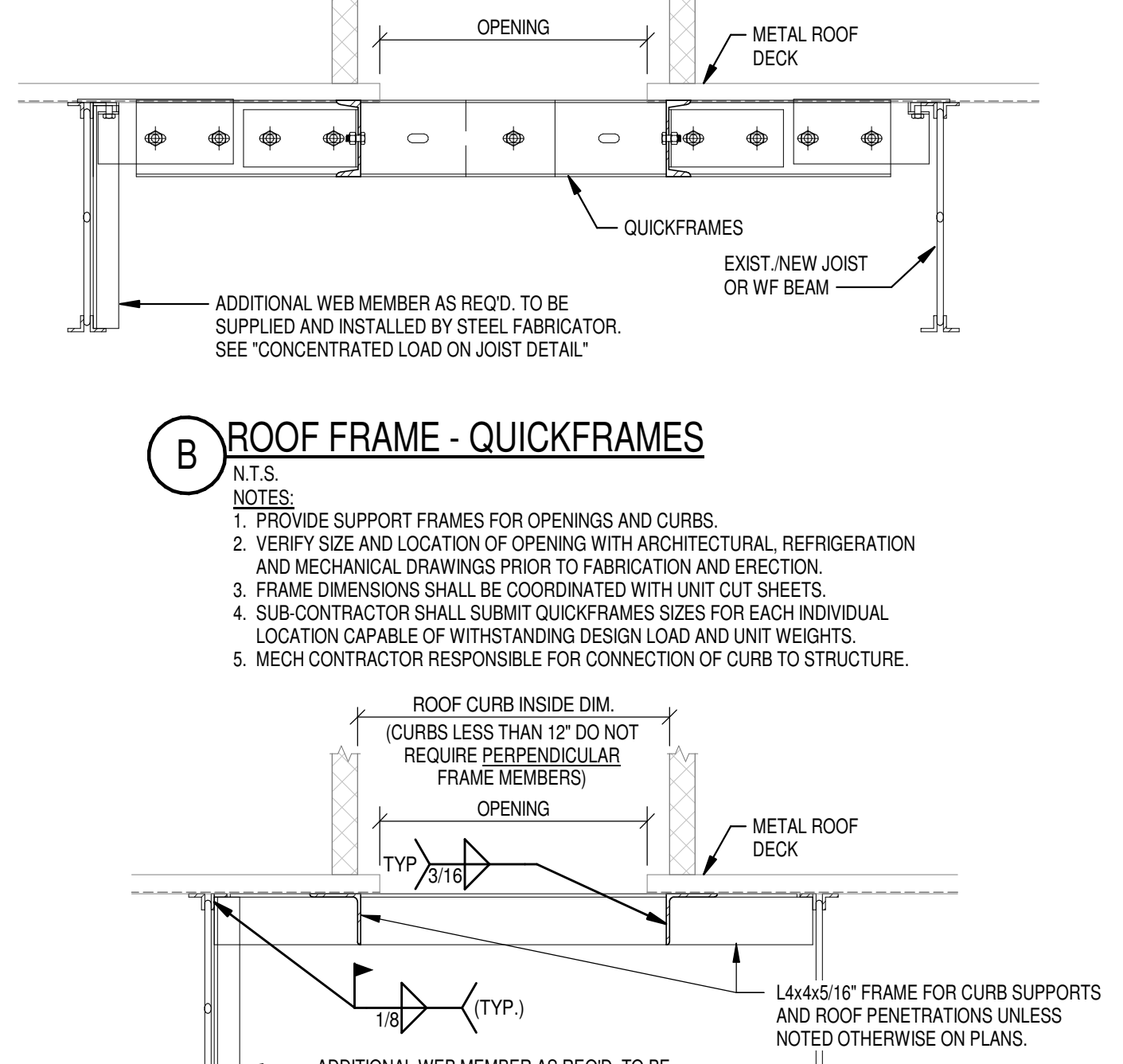
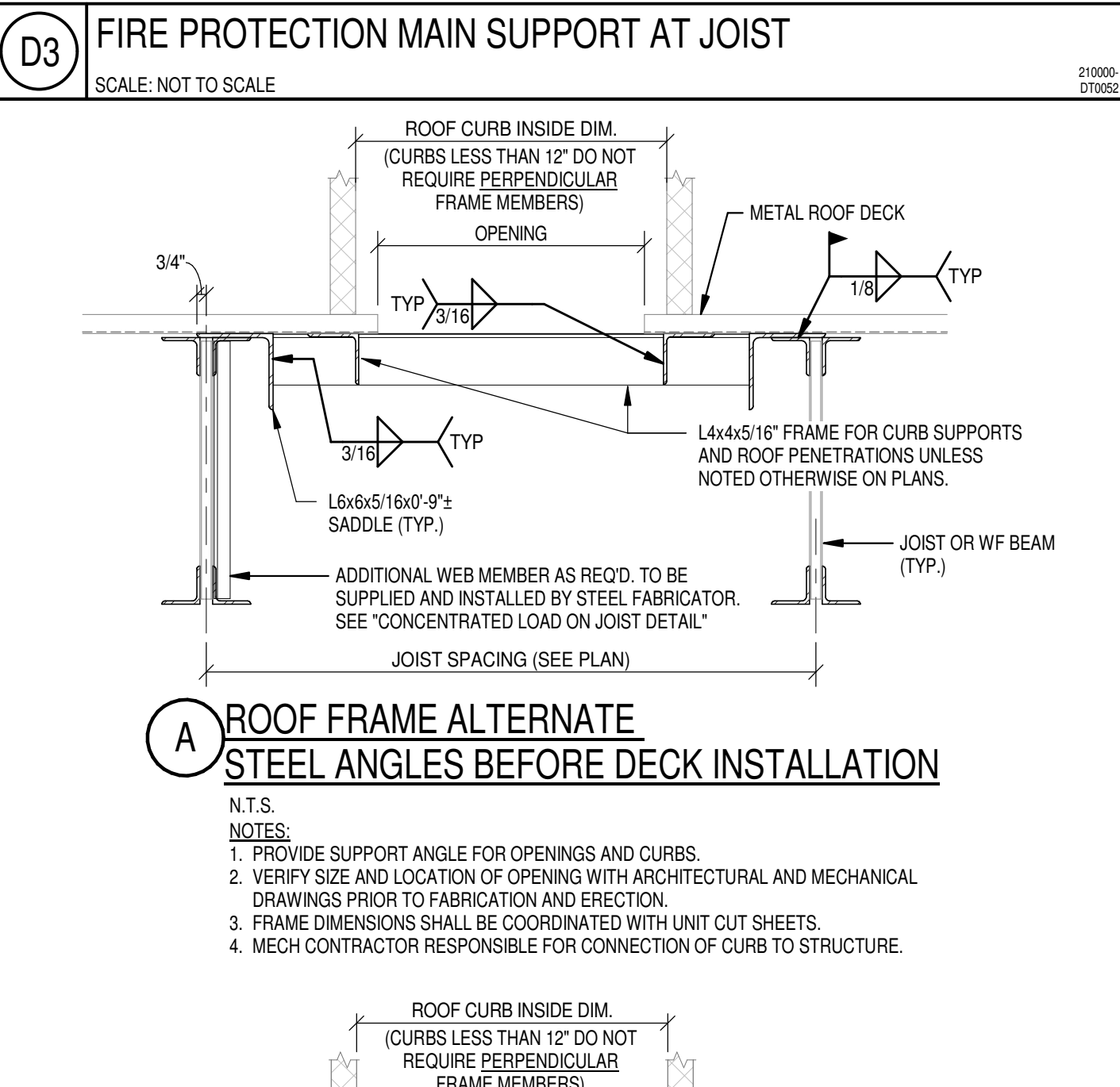
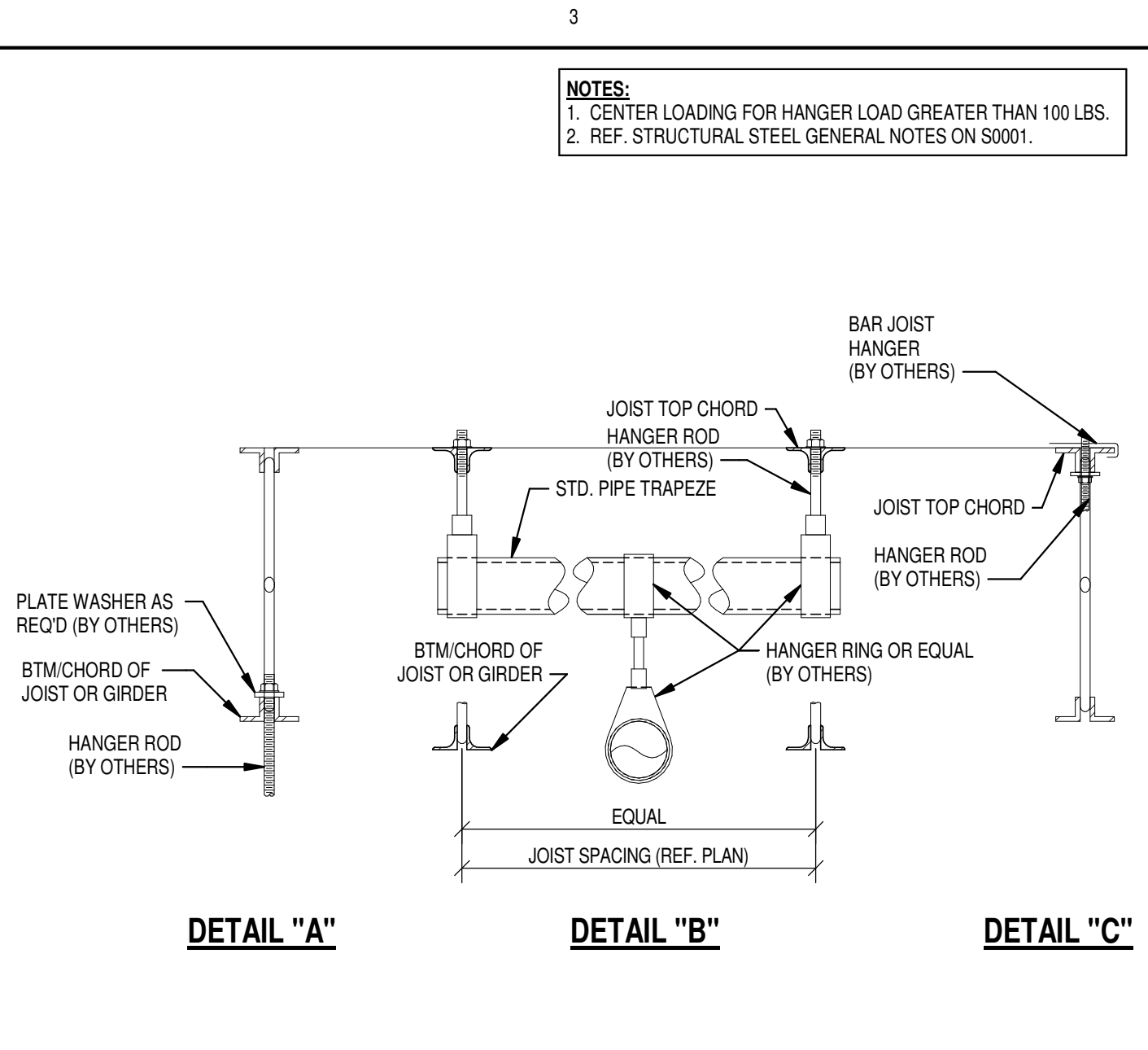
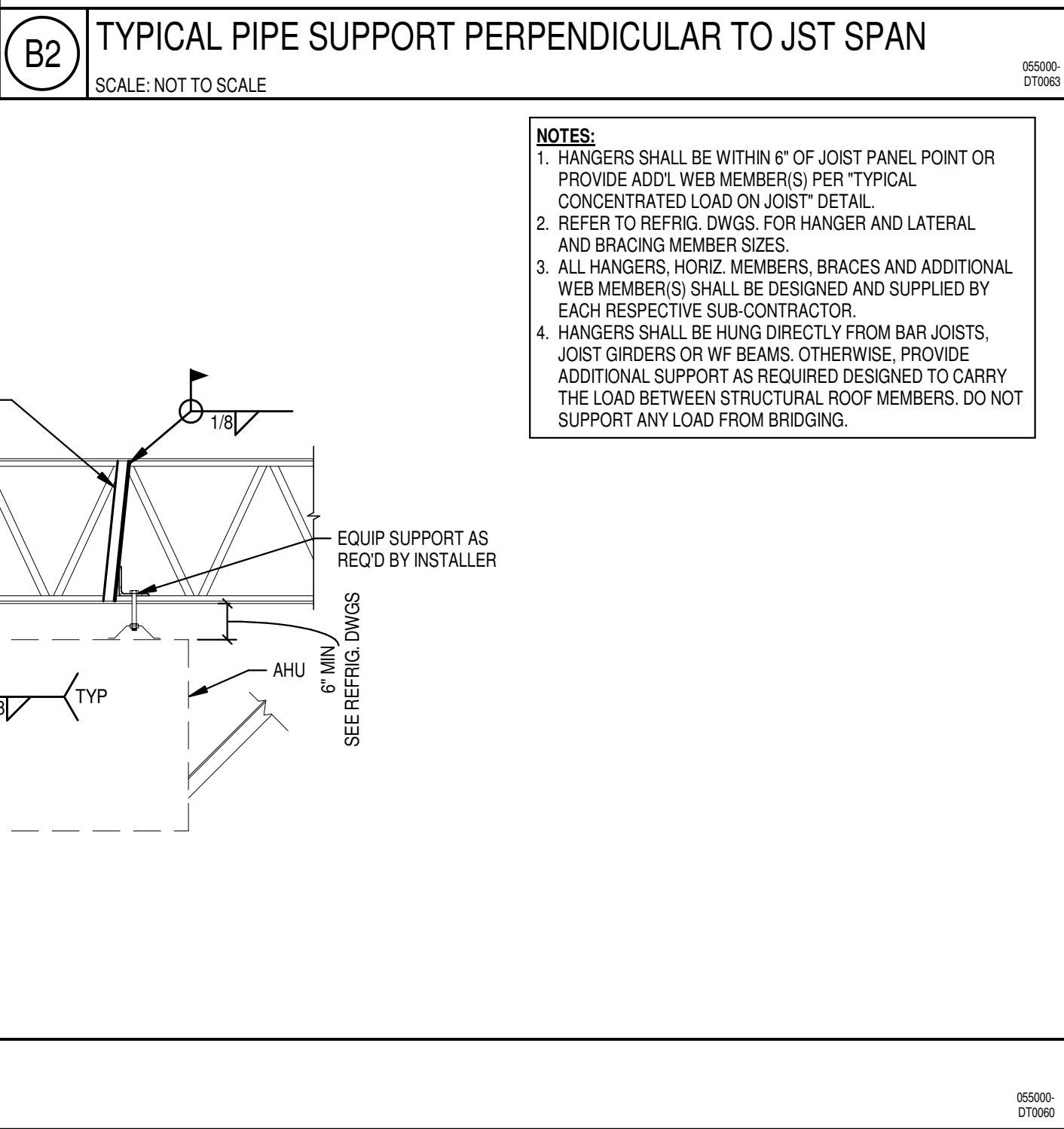
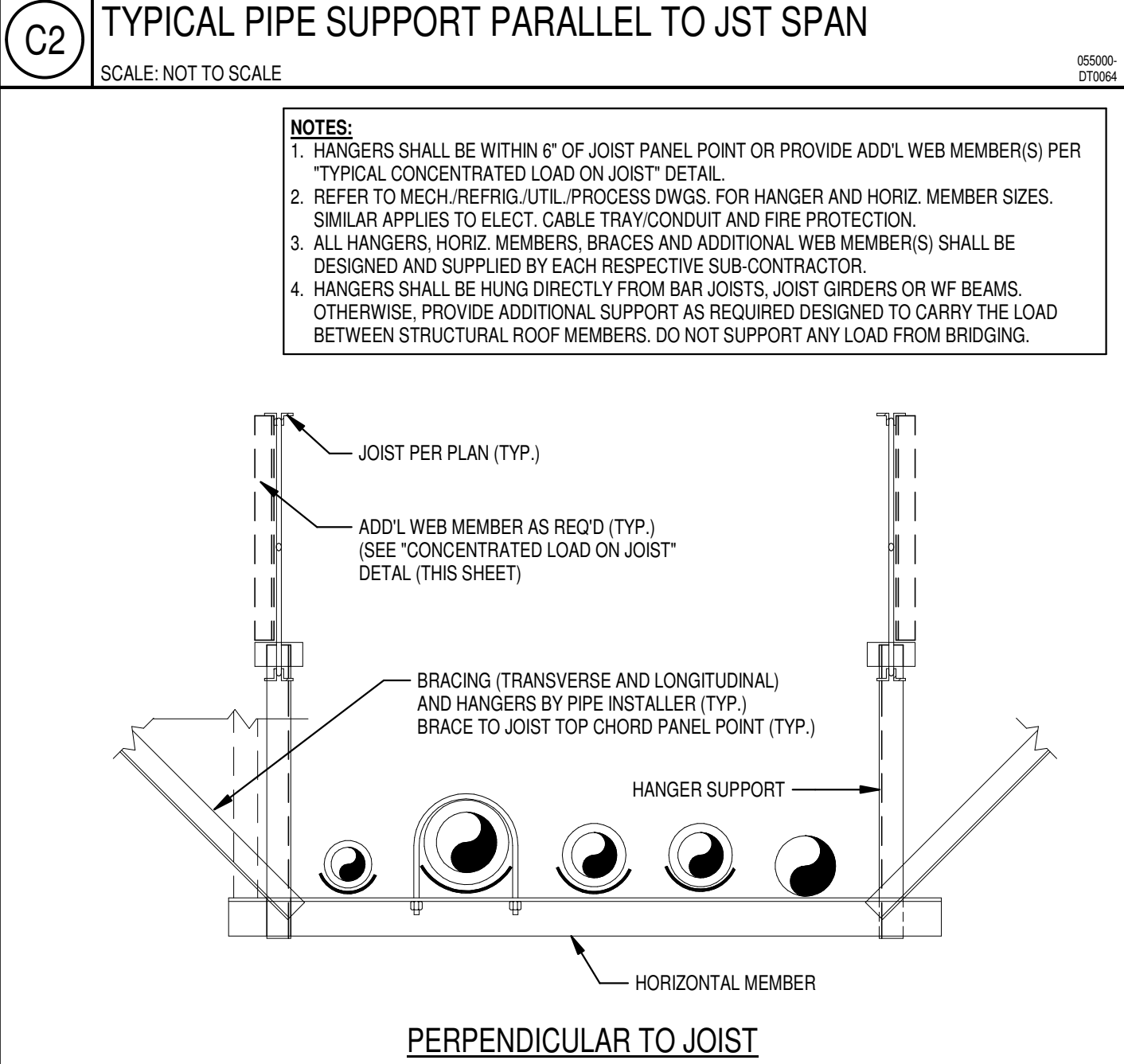
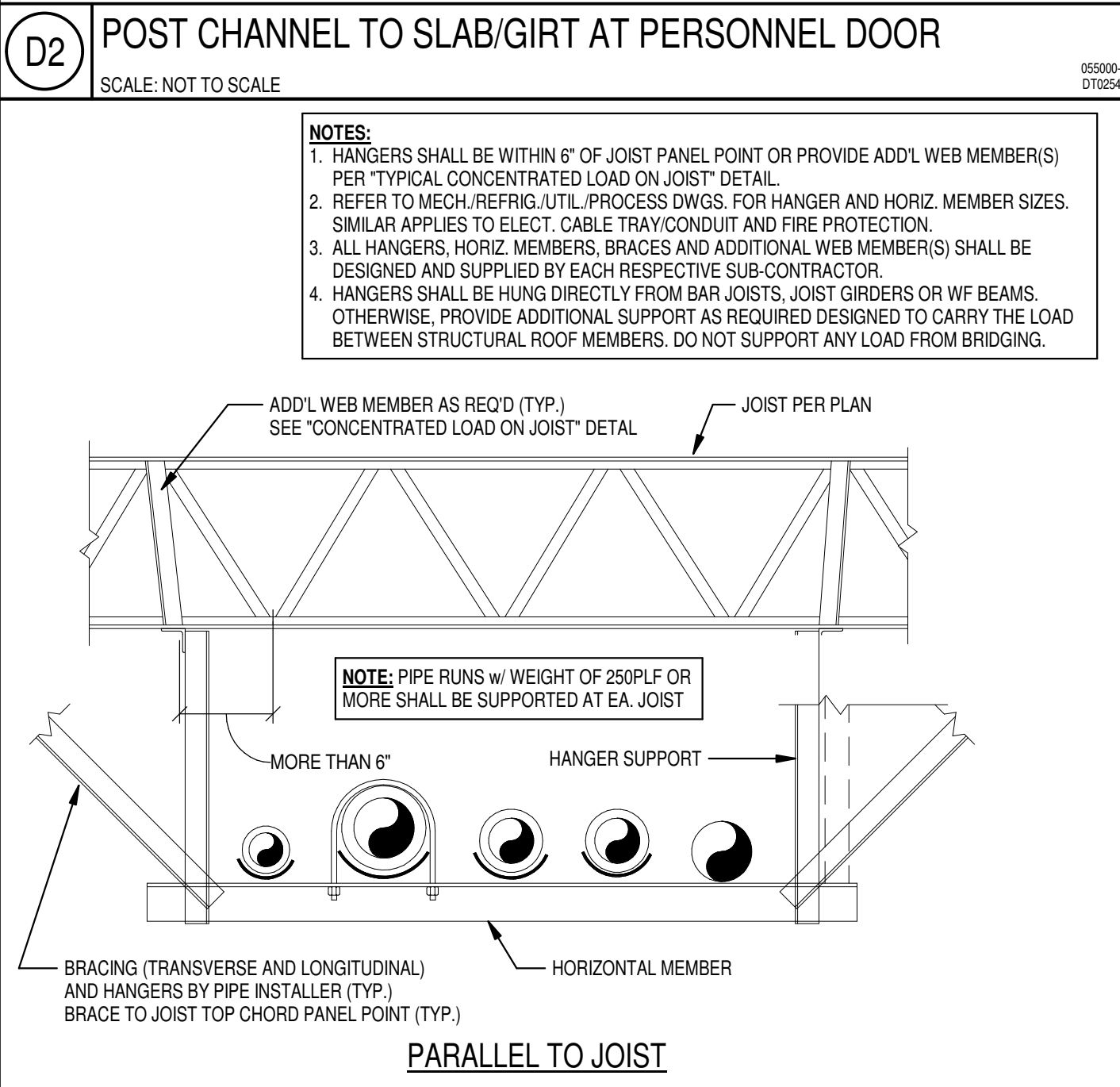
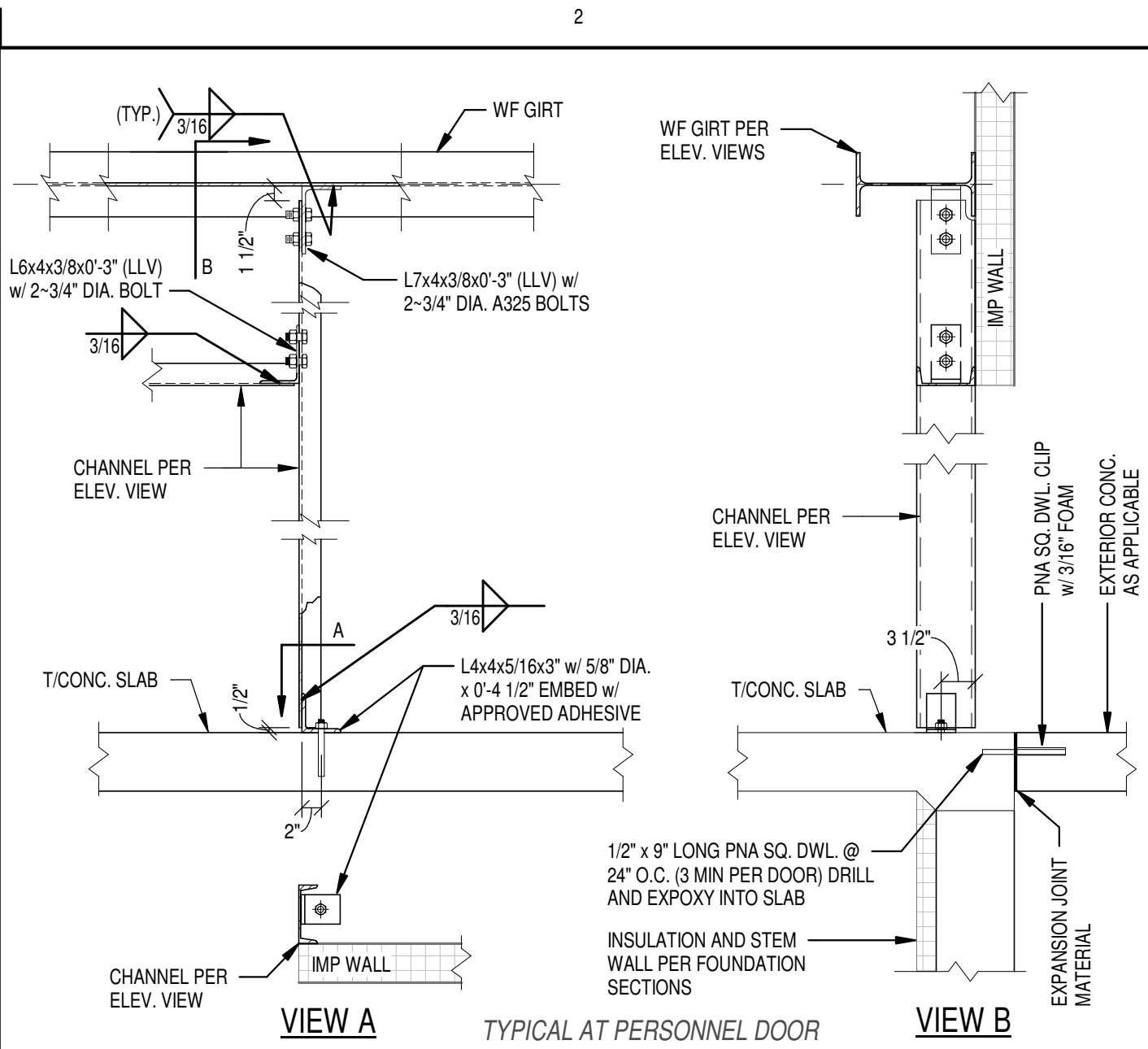
SHEET 12







D  
C  
B  
A  
5/26/2023 2:12:41 AM BIM 360://07396\_United States Cold Storage Building Expansion Phase III FL 07396\_PHASE III\_S\_P230.rvt



OWNER

PROJECT INFORMATION

UNITED STATES COLD STORAGE  
PHASE III EXPANSION  
LAKE CITY, FLORIDA

stella

OPERATING AS:  
THE STELLAR GROUP  
2900 HARTLEY ROAD, JACKSONVILLE, FL 32257 (904) 260-2900  
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FLORIDA ARCHITECTURAL LICENSE NO. A20013370  
FLORIDA ENGINEERING LICENSE NO. CA5830

SEAL

JOSEPH A. BOYE  
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FLORIDA  
PROFESSIONAL ENGINEER

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DESIGNED BY: SRS

REVIEWED BY: JFM

A/E/C: JAB

PROJECT NUMBER: 07366

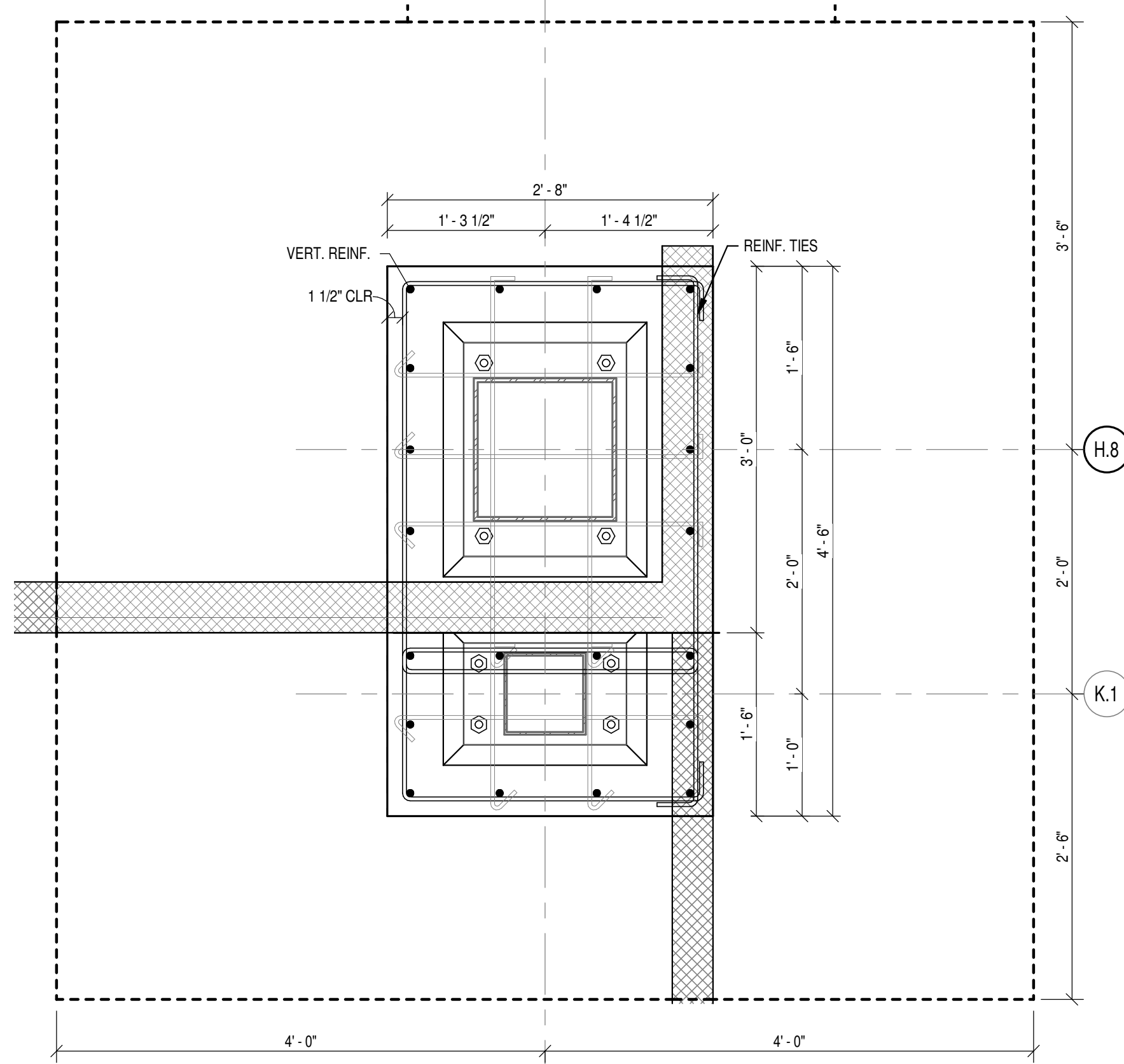
SHEET TITLE

STRUCTURAL TYPICAL  
STEEL DETAILS

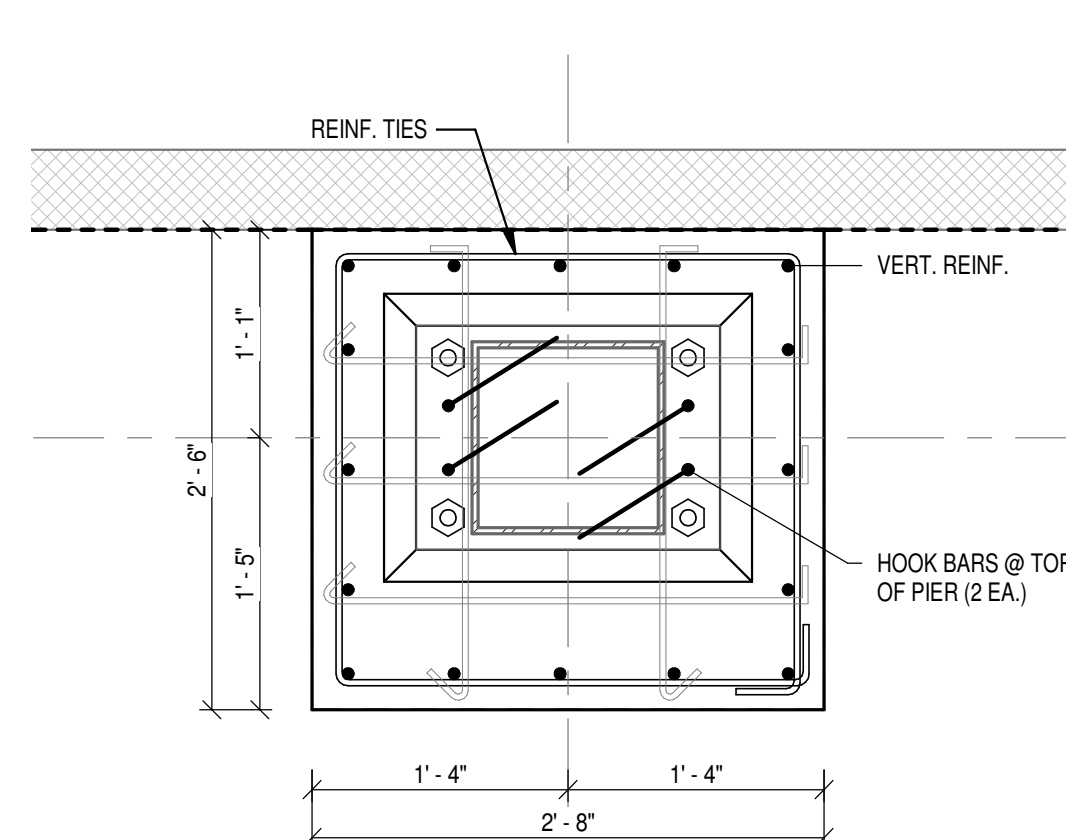
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S5003

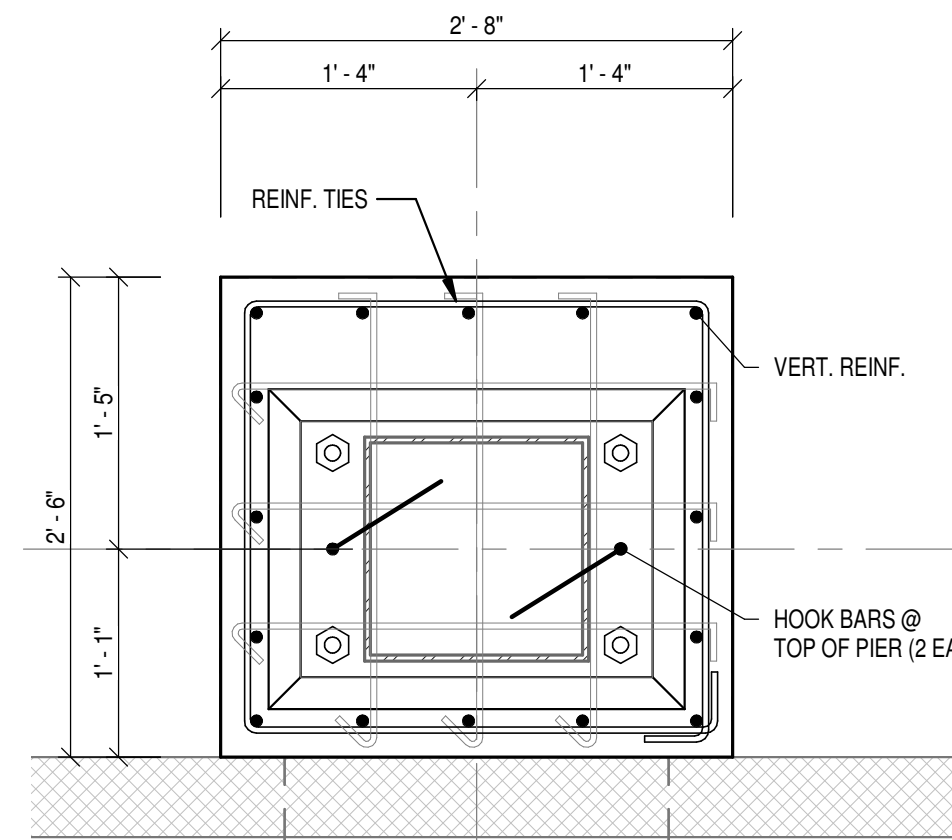
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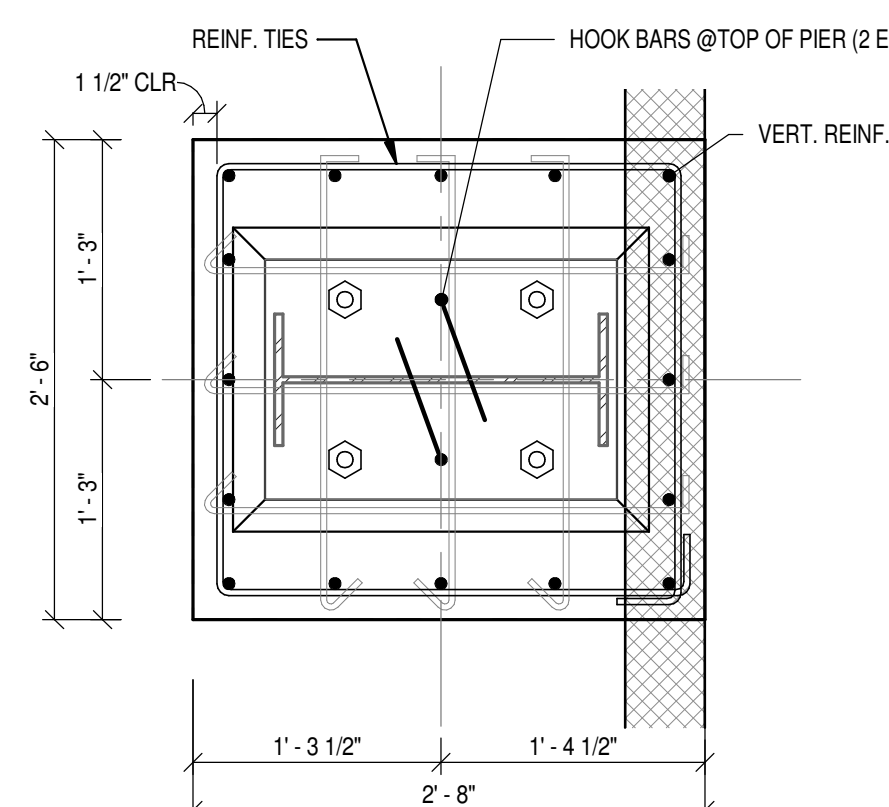
C2 P-3  
SCALE: NTS



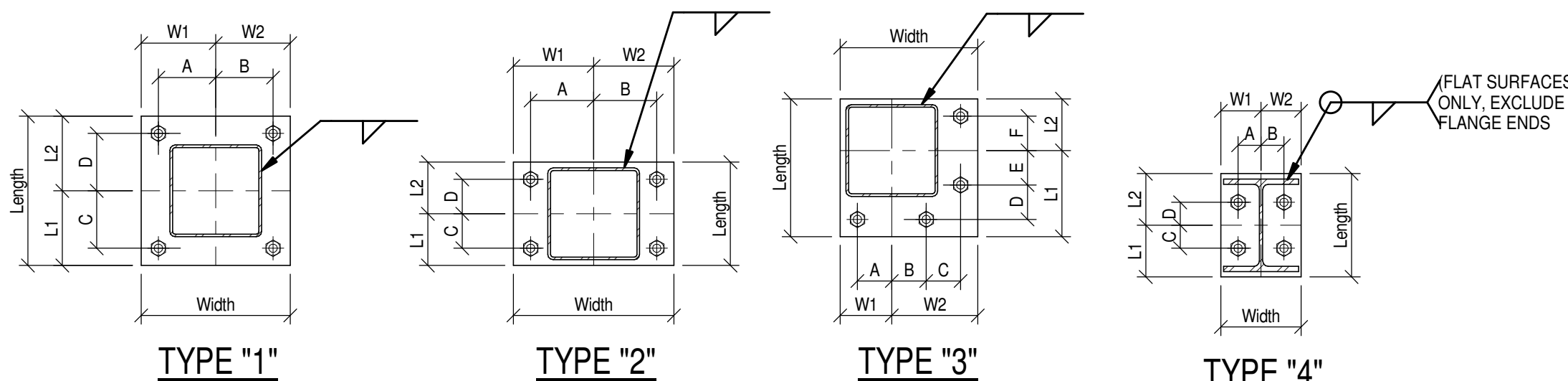
C3 P-3B  
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C4 P-1C  
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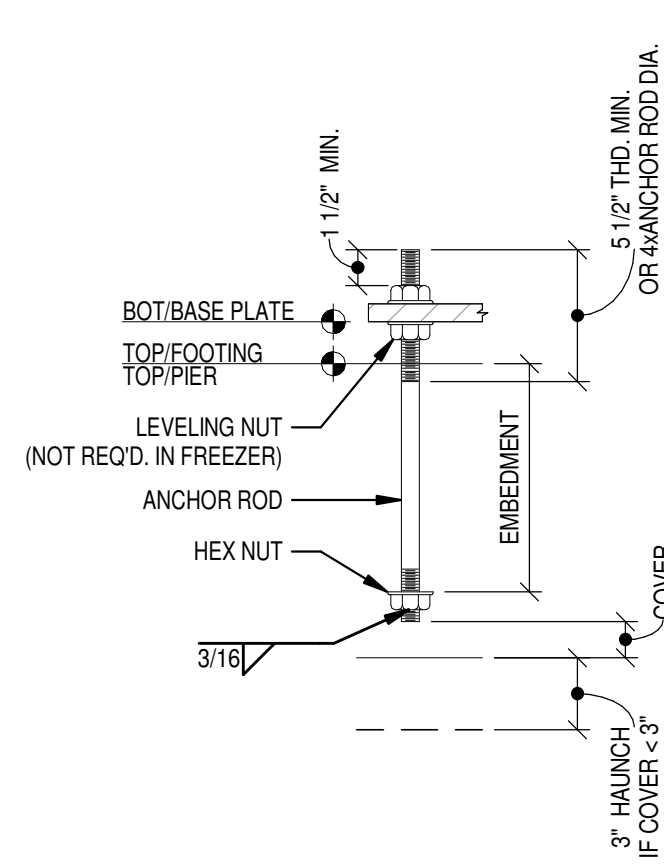


C5 P-2C  
SCALE: NTS



- NOTES
- SEE PLAN FOR ORIENTATION.
  - WELD SIZE BETWEEN COLUMN AND BASE PLATE TO BE NO LARGER THAN THICKNESS OF COLUMN WEB.

BASE PLATE SCHEDULE																				
Type ID	Column	BP Type	BPlate Thickness	Plate Width	Plate Length	L1	L2	W1	W2	A	B	C	D	E	F	ABolt Diameter	Anchor Bolt Embedment	ABolt Grade	Remarks	Count
BP-1	HSS12x12	1	3/4"	19"	1'-2"	7"	7"	9 1/2"	9 1/2"	7 1/2"	7 1/2"	5"	5"			3/4"	10"	F1554 GR55		28
BP-2	HSS14x14	2	3/4"	21"	1'-4"	8"	8"	10 1/2"	10 1/2"	8 1/2"	8 1/2"	6"	6"			3/4"	10"	F1554 GR55		9
BP-3	W21	4	3/4"	22"	1'-4"	8"	8"	11"	11"	7"	7"	5"	5"			3/4"	10"	F1554 GR55		2
BP-4	HSS12x12	1	1"	19"	1'-2"	7"	7"	9 1/2"	9 1/2"	7 1/2"	7 1/2"	5"	5"			1"	1'-0"	F1554 GR55	XBRACE	8
BP-5	W21	4	1"	22"	1'-3"	7 1/2"	7 1/2"	11"	11"	6"	6"	5"	5"			1"	1'-0"	F1554 GR55	XBRACE	9
BP-6	HSS14x14	2	1"	22"	1'-4"	8"	8"	11"	11"	9"	9"	6"	6"			1"	1'-0"	F1554 GR55	XBRACE	17
BP-7	HSS14x5	3	3/4"	11"	0'-11"	7"	4"	4"	7"	2 1/2"	2 1/2"	3"	3"	2 1/2"	2 1/2"	3/4"	10"	F1554 GR55	VESTIBULE	4
BP-8	HSS8x8	1	3/4"	16"	0'-10"	5"	5"	8"	8"	6 1/2"	6 1/2"	3"	3"			3/4"	10"	F1554 GR55		7
EM-6		1'-2"x6" 1'-0" PLATE W/ 6-1/2"x 7-4" HD STUDS (3"x4" GA)																		8



ANCHOR ROD DETAIL  
SET ANCHORS TO ENSURE PROPER EMBEDMENT FROM TOP OF PIER OR FOOTING

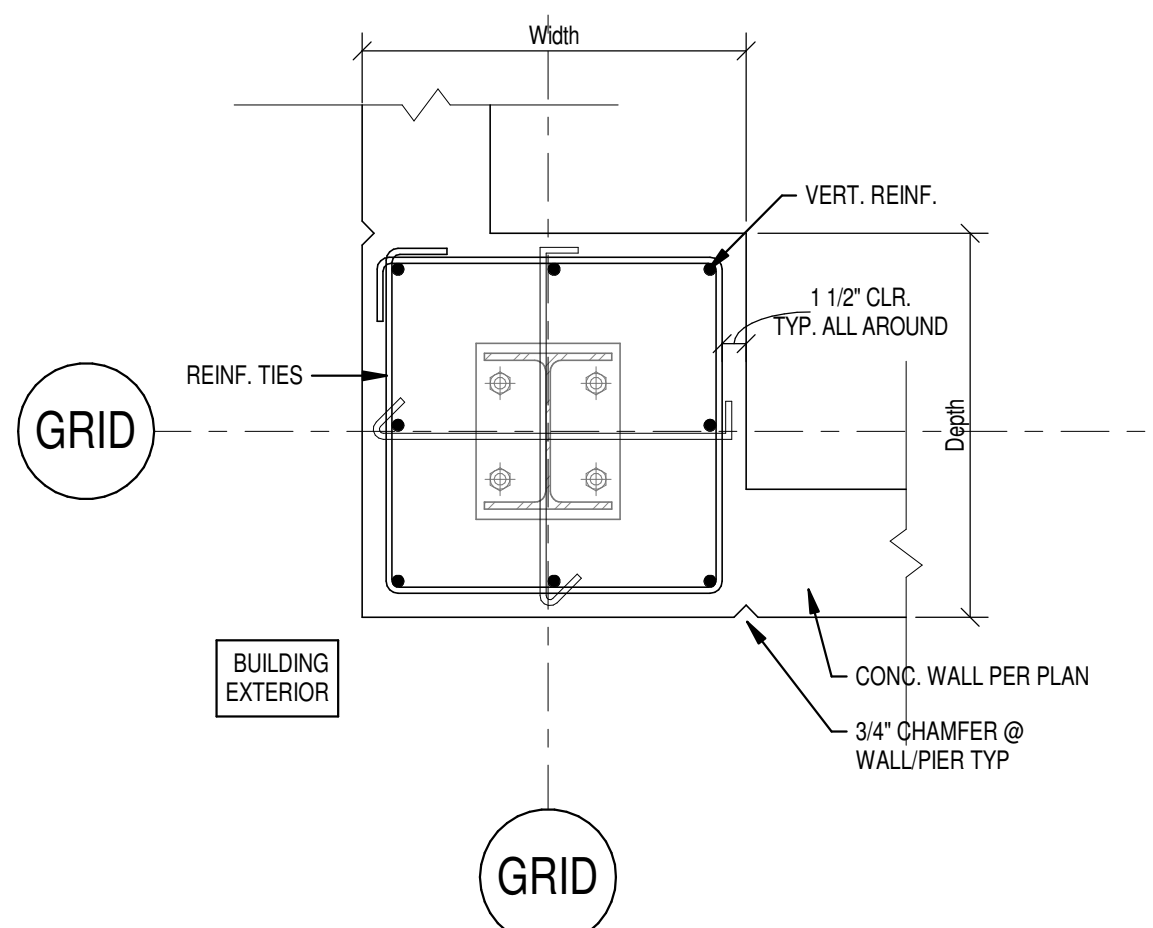
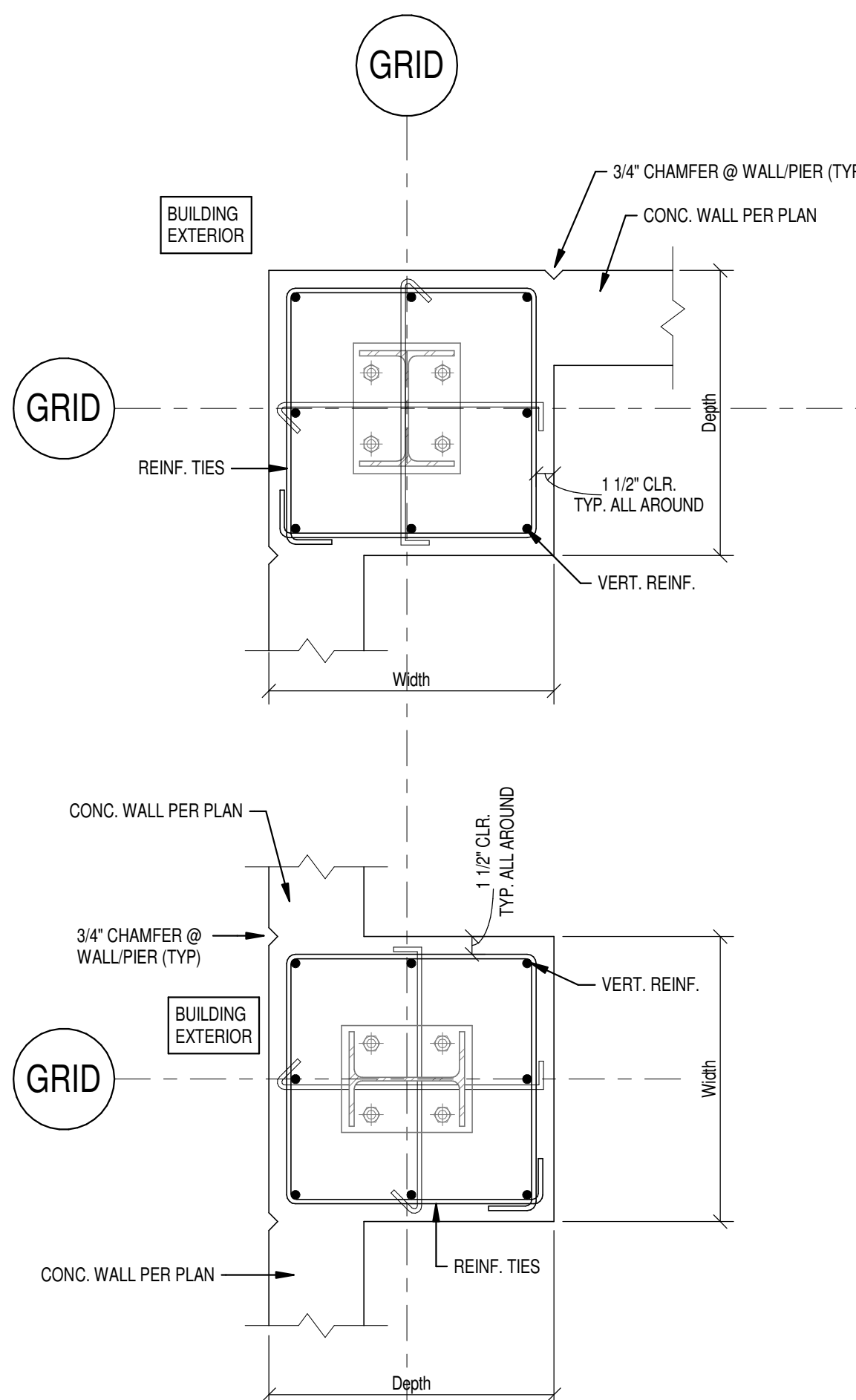
BASE PLATE ANCHOR ROD HOLE	
ANCHOR ROD DIA.	HOLE DIA.
3/4" TO 1"	5/16" OVERSIZE
1 1/4" TO 2"	1/2" OVERSIZE

- NOTES
- HOLES IN INSULATION BLOCKS SHALL BE 1/8" LARGER THAN THE DIAMETER OF THE ANCHOR BOLT.
  - IF ANCHOR ROD HOLE DIAMETER IS SPECIFIED LARGER THAN SHOWN IN SCHEDULE, ANCHOR ROD PLATE WASHERS SHALL BE USED. (SEE BELOW)

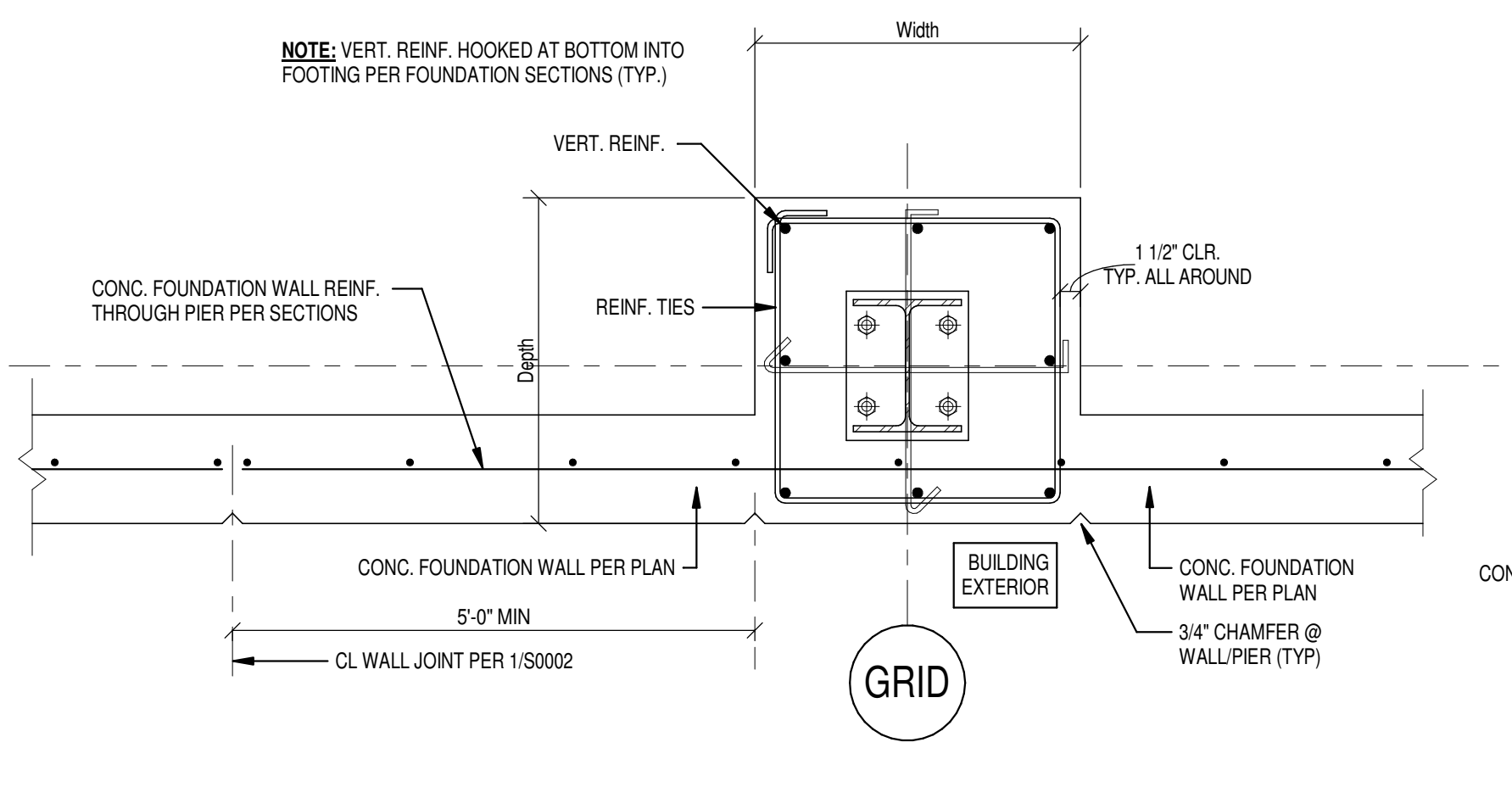
ANCHOR ROD PLATE WASHERS		
ANCHOR ROD DIAMETER	MAX. HOLE DIAMETER	PLATE WASHER SIZE W/ 1 1/16" DIA. HOLE
3/4"	1 5/16"	2" x 1 1/4"
7/8"	1 9/16"	2 1/2" x 5/16"
1"	1 13/16"	3" x 3/8"
1 1/4"	2 1/16"	3" x 1/2"
1 1/2"	2 5/16"	3 1/2" x 1/2"

NOTE:  
IF MAX. HOLE DIA. OPTION IS CHOSEN, PLATE WASHERS MUST BE WELDED TO BASE PLATE WITH 5/16" FILLET WELD FULL LENGTH OF PLATE WASHER ON TWO OPPOSING SIDES WHEN LOCATED AT A BRACED COLUMN.

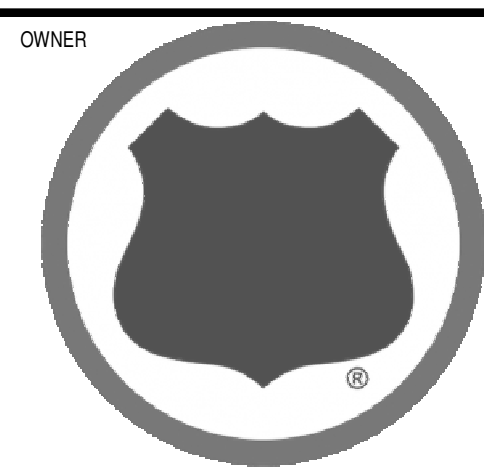
A2 ANCHOR ROD DETAIL  
SCALE: 1 1/2" = 1'-0"



PIER SCHEDULE							
Mark	Depth	Width	Vert. Reinf.	Ties at Top of Pier	Remaining Tie Info	Remarks	COUNT
P-1	2'-6"	3'-0"	10-#6	3-#3 IN TOP 5'	#3@12"		17
P-1B	2'-6"	3'-0"	10-#6	4-#3 IN TOP 7'	#3@12"		5
P-1C	2'-6"	2'-8"	18-#6	5-#3 IN TOP 8'	#3@12"		4
P-2	2'-8"	2'-6"	12-#6	3-#3 IN TOP 5'	#3@12"		7
P-2B	2'-8"	2'-6"	12-#6	5-#3 IN TOP 8'	#3@12"		3
P-2C	2'-8"	2'-6"	18-#6	5-#3 IN TOP 8'	#3@12"		2
P-3	2'-8"	4'-6"	20-#6	3-#3 IN TOP 5'	#3@12"		1
P-3B	2'-6"	2'-8"	20-#6	6-#3 IN TOP 9'	#3@12"		5
P-4	2'-11"	3'-0"	16-#6	3-#3 IN TOP 5'	#3@12"		2
P-5	1'-8"	1'-8"	8-#6	3-#3 IN TOP 5'	#3@12"		4
P-6	1'-11"	2'-2"	8-#6	3-#3 IN TOP 5'	#3@12"		4



A4 PIER SCHEDULE AND DETAILS  
SCALE: 1" = 1'-0"



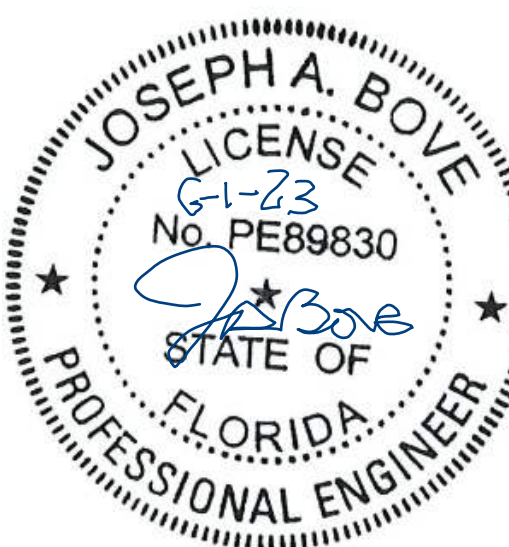
PROJECT INFORMATION

UNITED STATES COLD STORAGE  
PHASE III EXPANSION  
LAKE CITY, FLORIDA



OPERATING AS:  
THE STELLAR GROUP  
2900 HARTLEY ROAD, JACKSONVILLE, FL 32257 (904) 260-2900  
WWW.STELLAR.NET  
FLORIDA ARCHITECTURAL LICENSE NO. AR0013370  
FLORIDA ENGINEERING LICENSE NO. CA5830

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REVISIONS

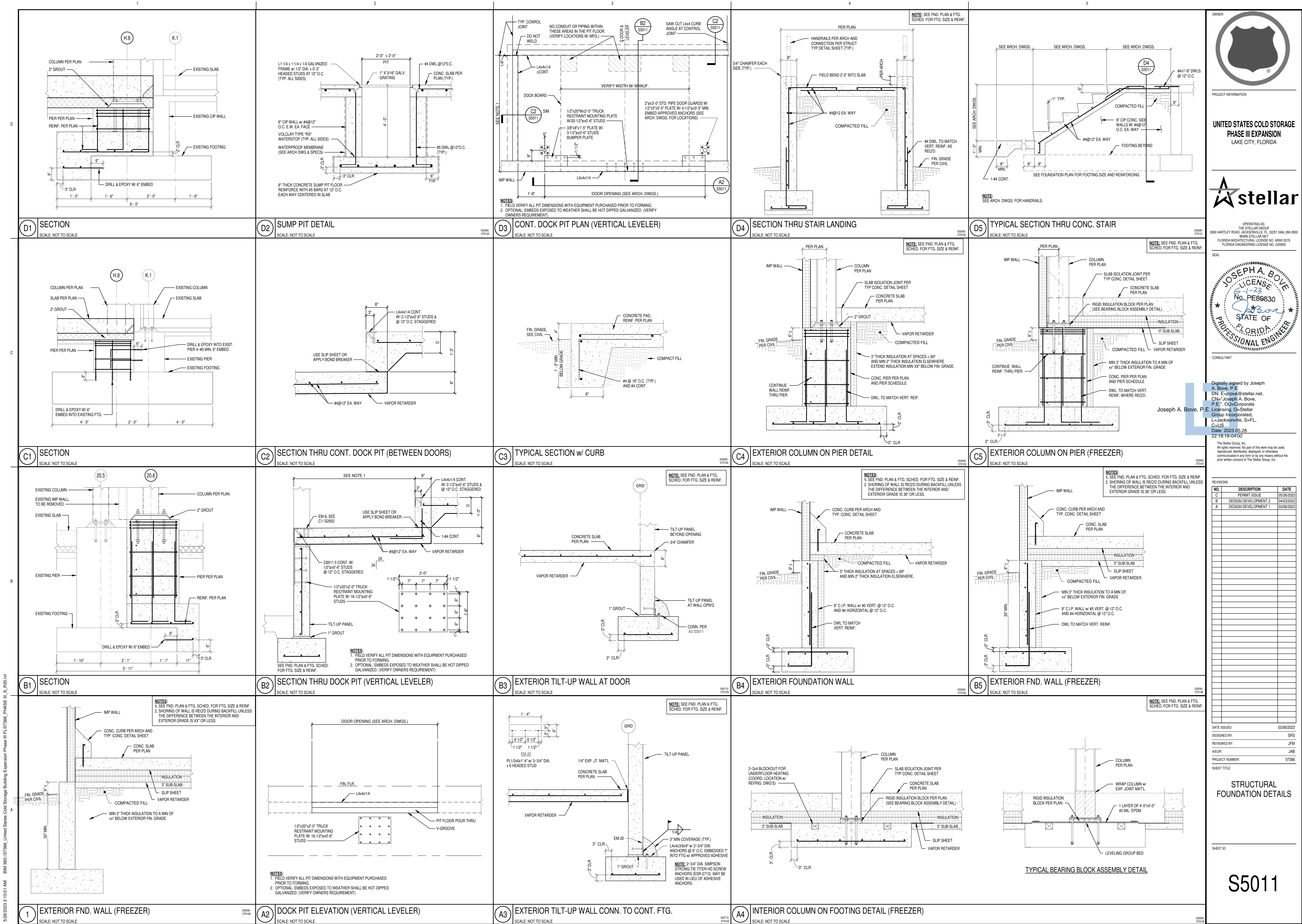
NO.	DESCRIPTION	DATE
C	PERMIT ISSUE	05/26/2023
B	DESIGN DEVELOPMENT 2	04/03/2023
A	DESIGN DEVELOPMENT 1	03/06/2023

DATE ISSUED: 03/06/2023  
DESIGNED BY: SRS  
REVIEWED BY: JFM  
A/EOR: JAB  
PROJECT NUMBER: 07366  
SHEET TITLE

BASE PLATE, ANCHOR BOLTS AND PIER DETAILS

SHEET ID

S5005



Joseph A. Bove, P.E.



SCALE: NOT TO SCALE



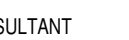
SECTION  
NAME: \_\_\_\_\_



SCALE: NOT TO SCALE



10



## DISCUSSION

ISSUED: 05/26/2023

DESIGNED BY: SRS

VIEWED BY: SRS

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3:
148

ECT NUMBER:	07266
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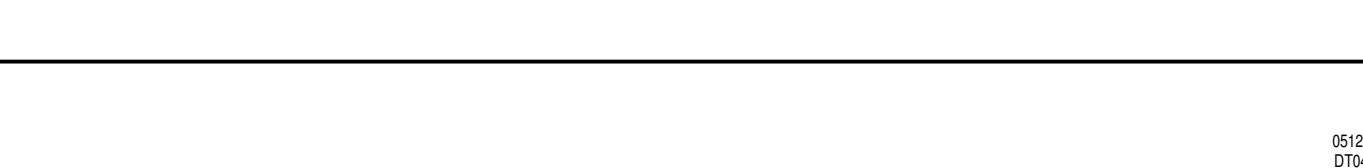
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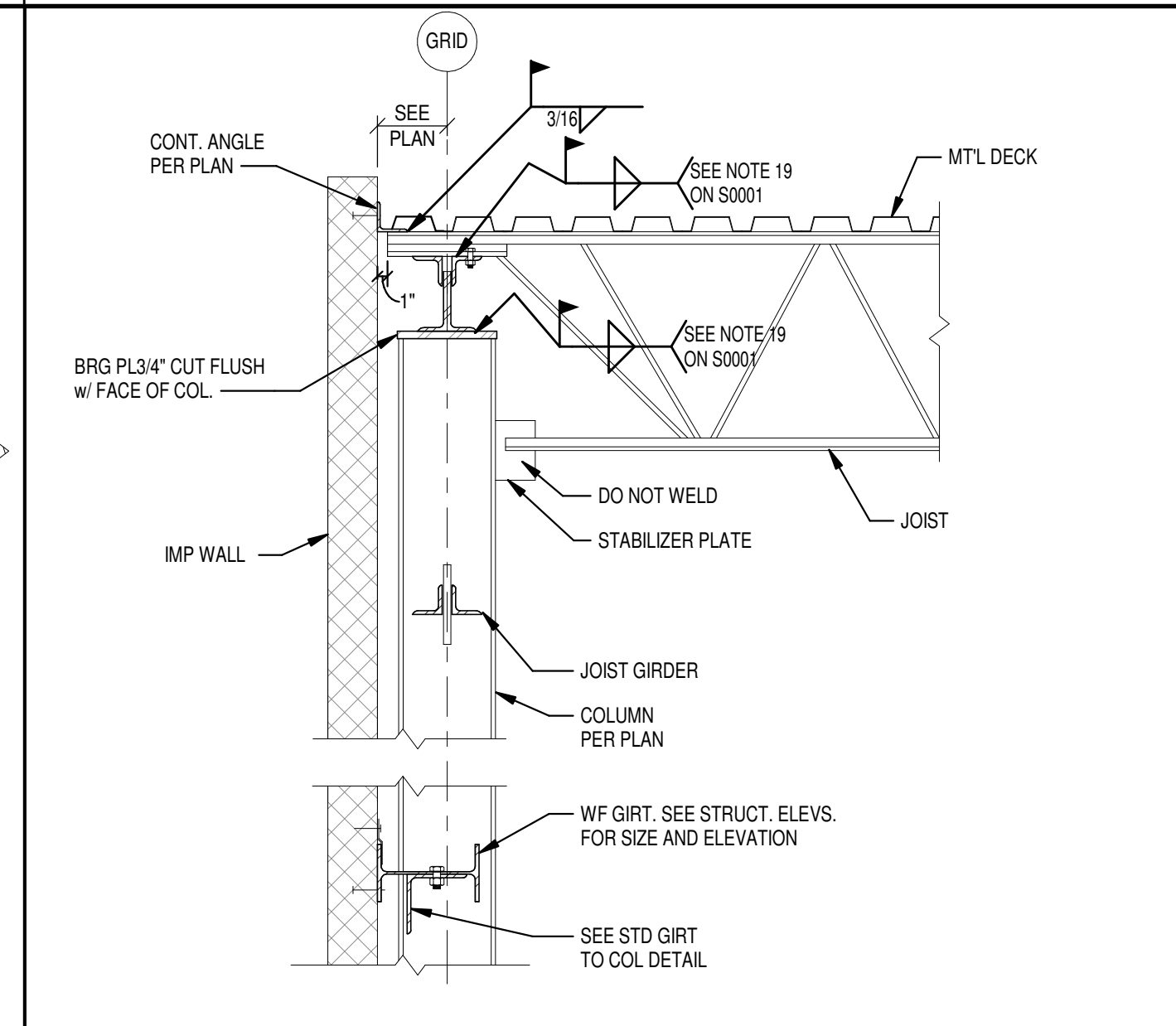
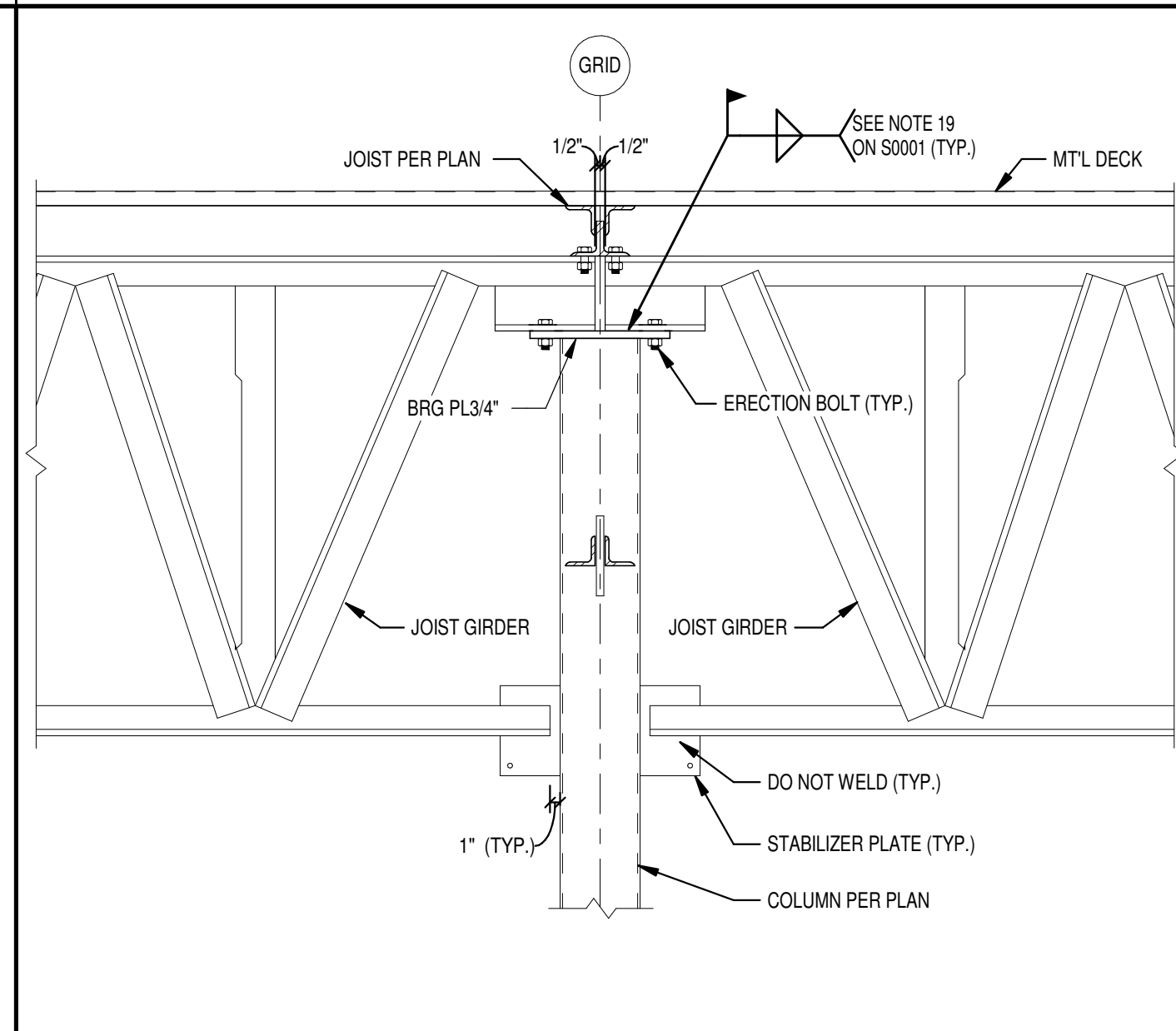
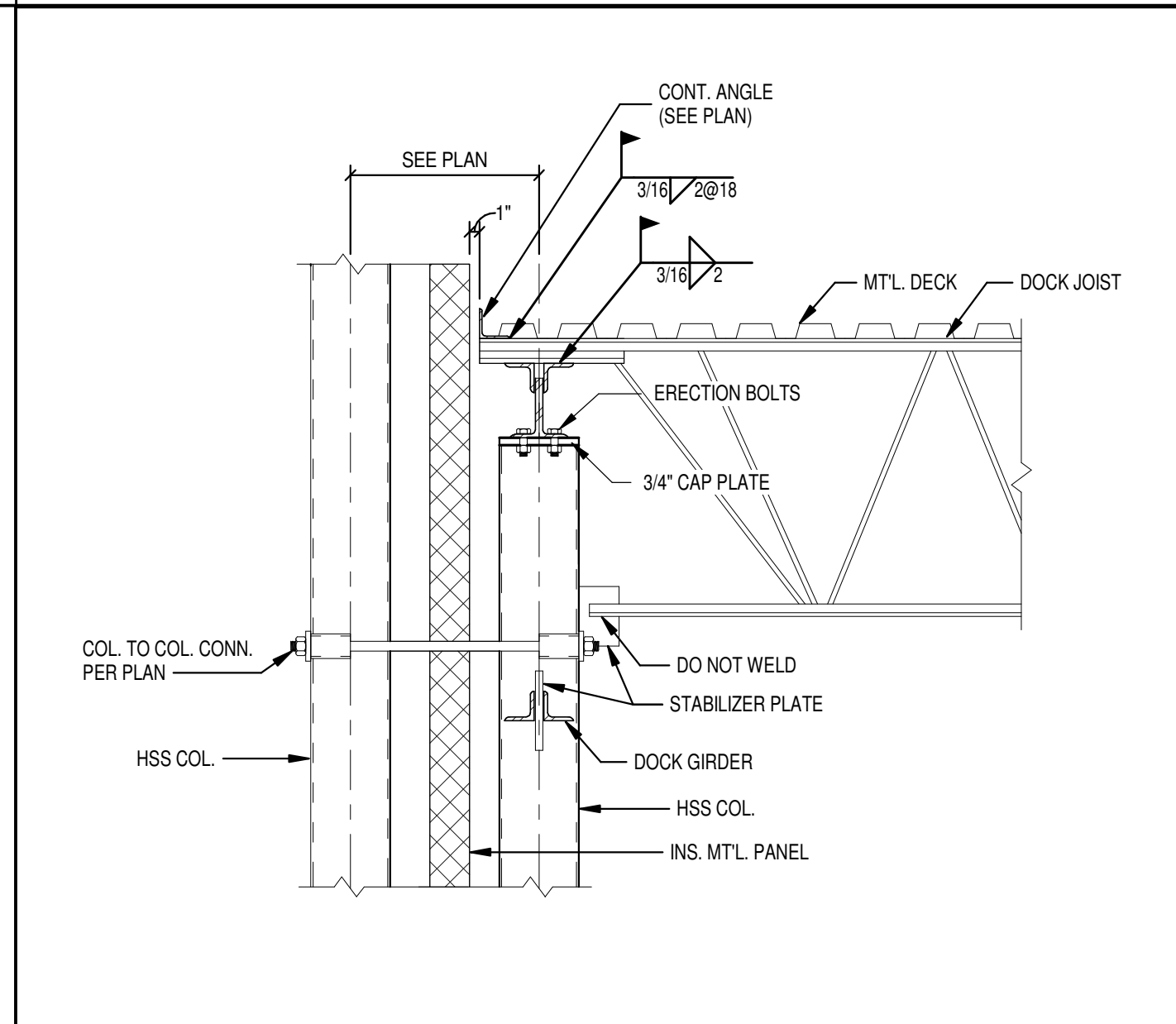
TABLE 1

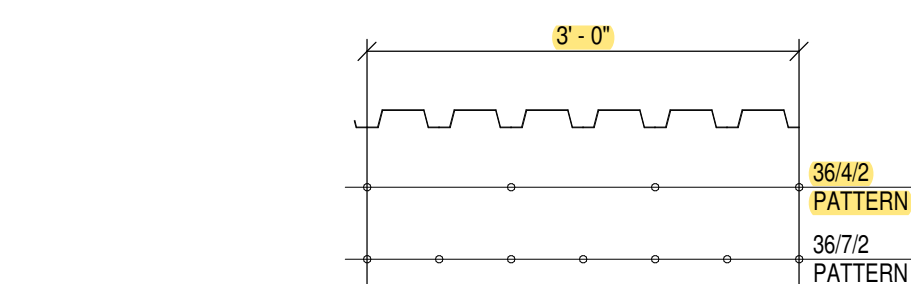
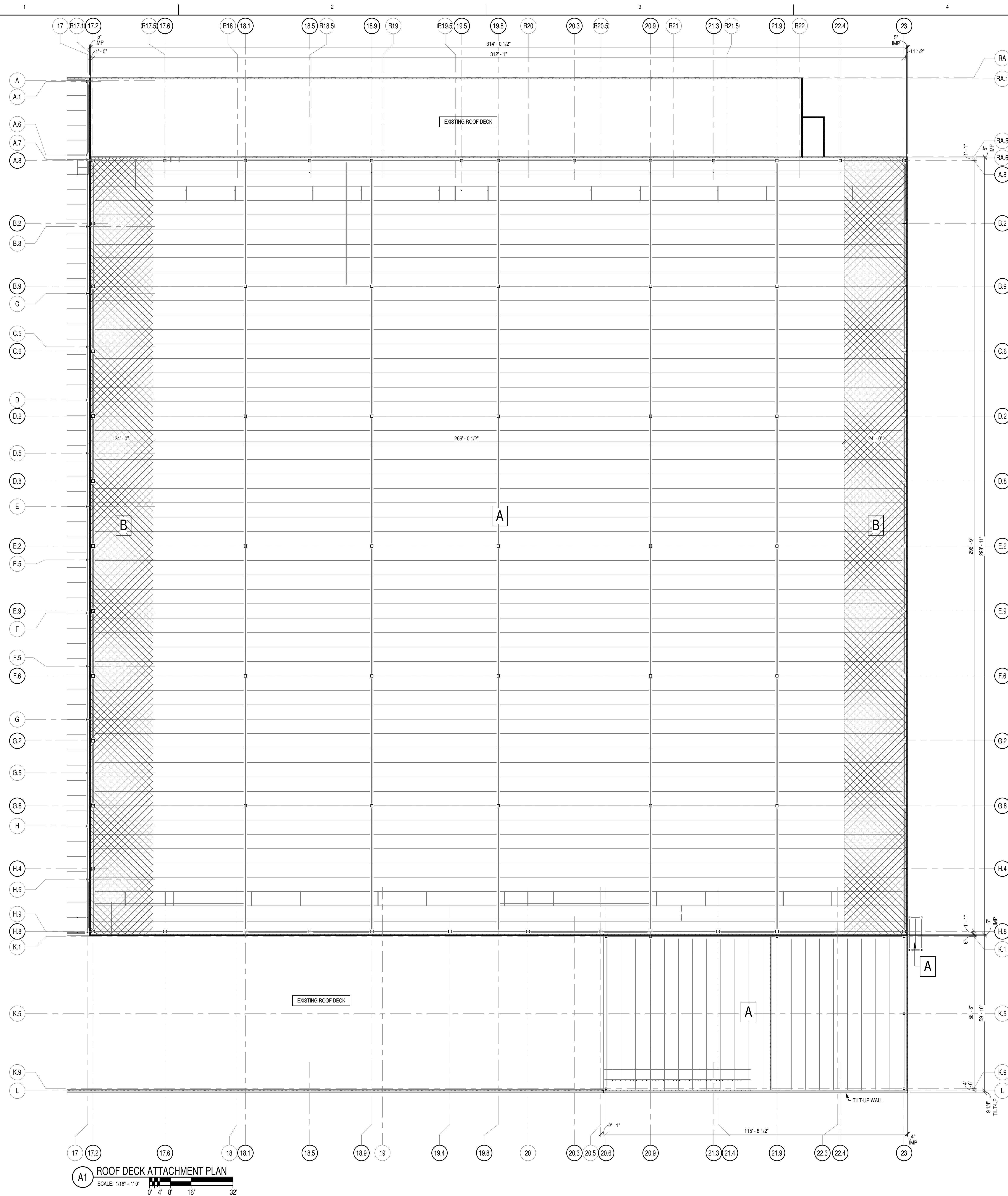
## STRUCTURAL FOUNDATION DETAILS

TID

S5012

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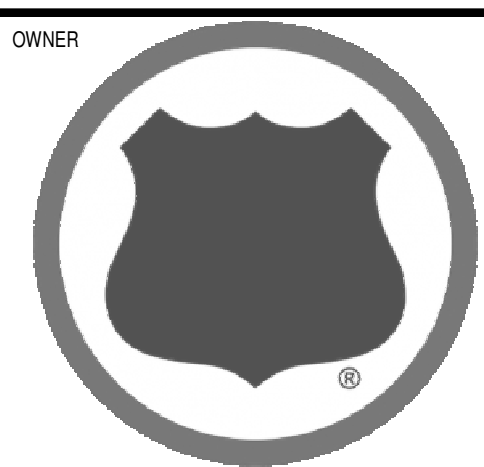
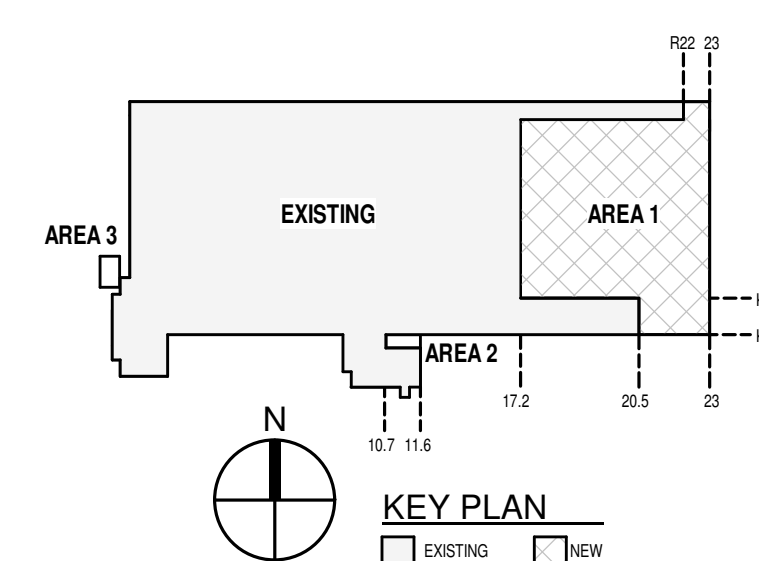
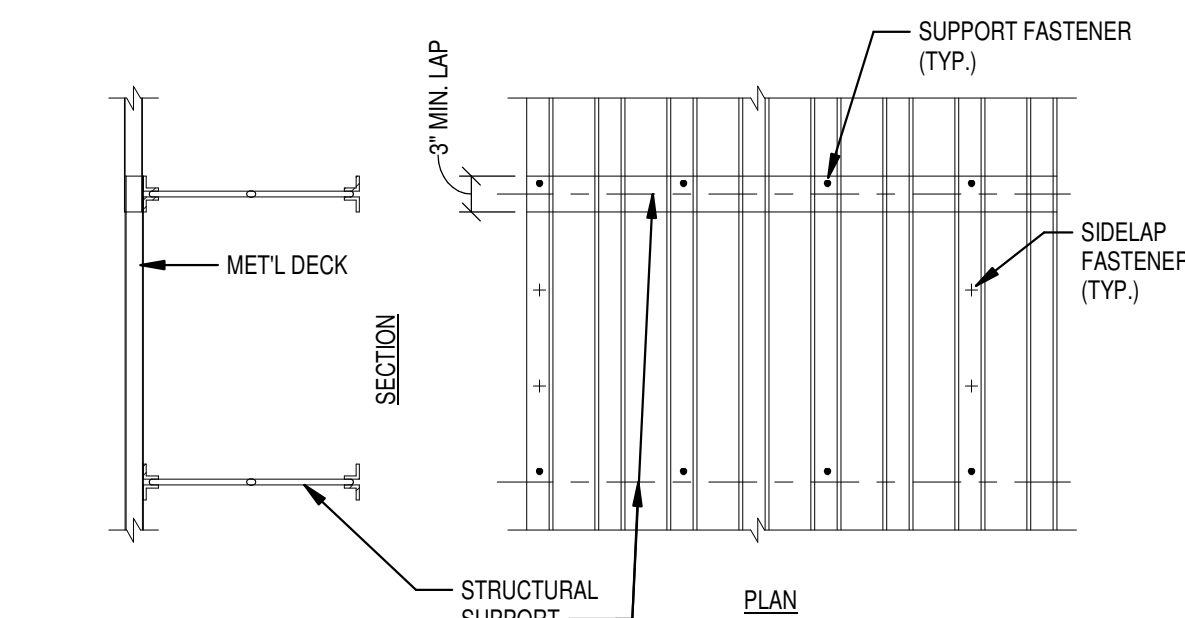




ROOF DECK ATTACHMENT SCHEDULE					
ZONE	DECK	SUPPORT FASTENERS	NO. OF WELDS @ SUPPORTS	SIDELAP FASTENERS	NO. OF SIDELAPS PER SPAN
A	TYPE B, 22 GA	HILTI PINS	4	\$-SLC HHW	2
B	TYPE B, 22 GA	HILTI PINS	7	\$-SLC HHW	2

DECK ATTACHMENT NOTES:

1. ATTACH DECK TO PERIMETER SUPPORTS WITH SAME FASTENER PATTERN AND TYPE SHOWN IN THE SCHEDULE FOR SUPPORTS.
2. END LAPS SHALL BE A MINIMUM OF 3" AND SHALL OCCUR OVER SUPPORTS.
3. SIDE LAPS BETWEEN STRUCTURAL SUPPORTS SHALL BE FASTENED WITH CONNECTION NOD ON SCHEDULE AS MANUFACTURED BY HILTI.
4. SUPPORTS SHALL BE MADE WITH THE APPLICABLE OF HILTI PINS X-HSN 24 OR X-ENP-19.



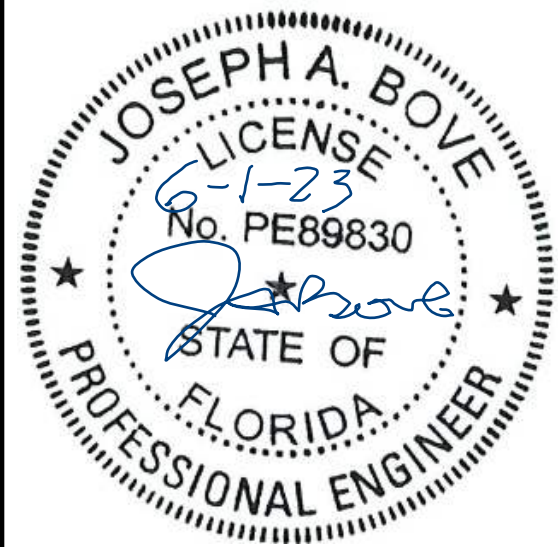
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[illegible]

DATE ISSUED:	05/26/2023
DESIGNED BY:	SRS
REVIEWED BY:	SRS
A/EOR:	JAB
PROJECT NUMBER:	07366
SHEET TITLE	

ROOF DECK ATTACHMENT  
PLAN

SHEET ID

S6001

