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Woodinville, WA 98072-8427



Owner:
YESLER TOWERS
Project Name:
YESLER TOWERS

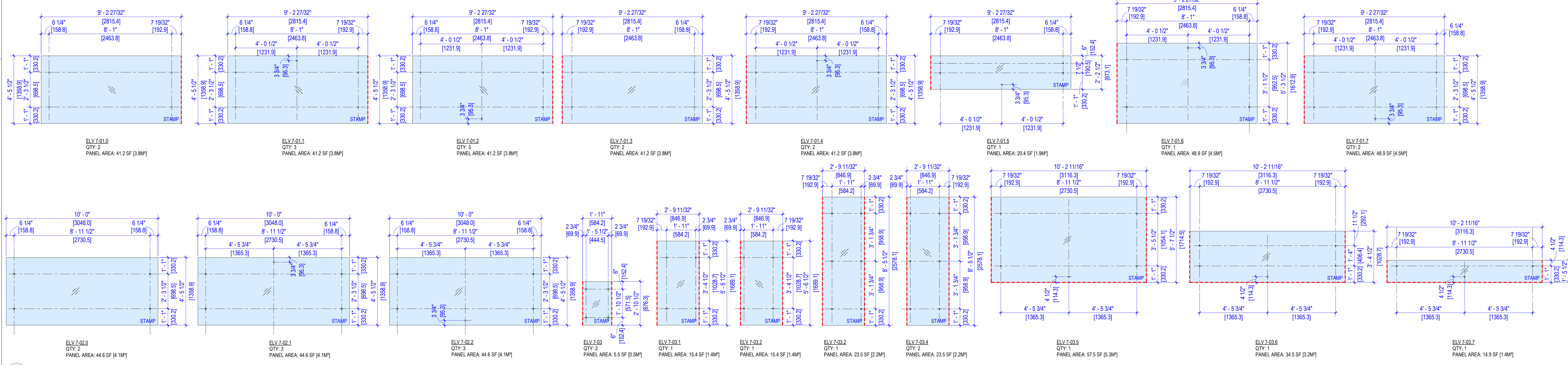
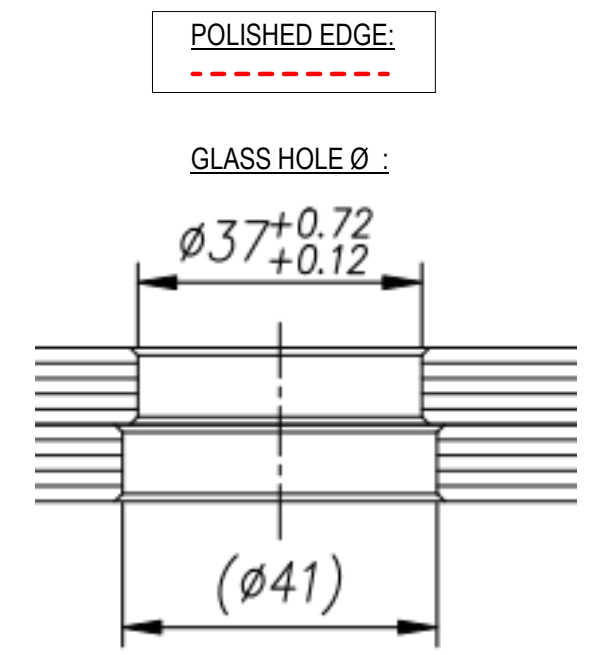
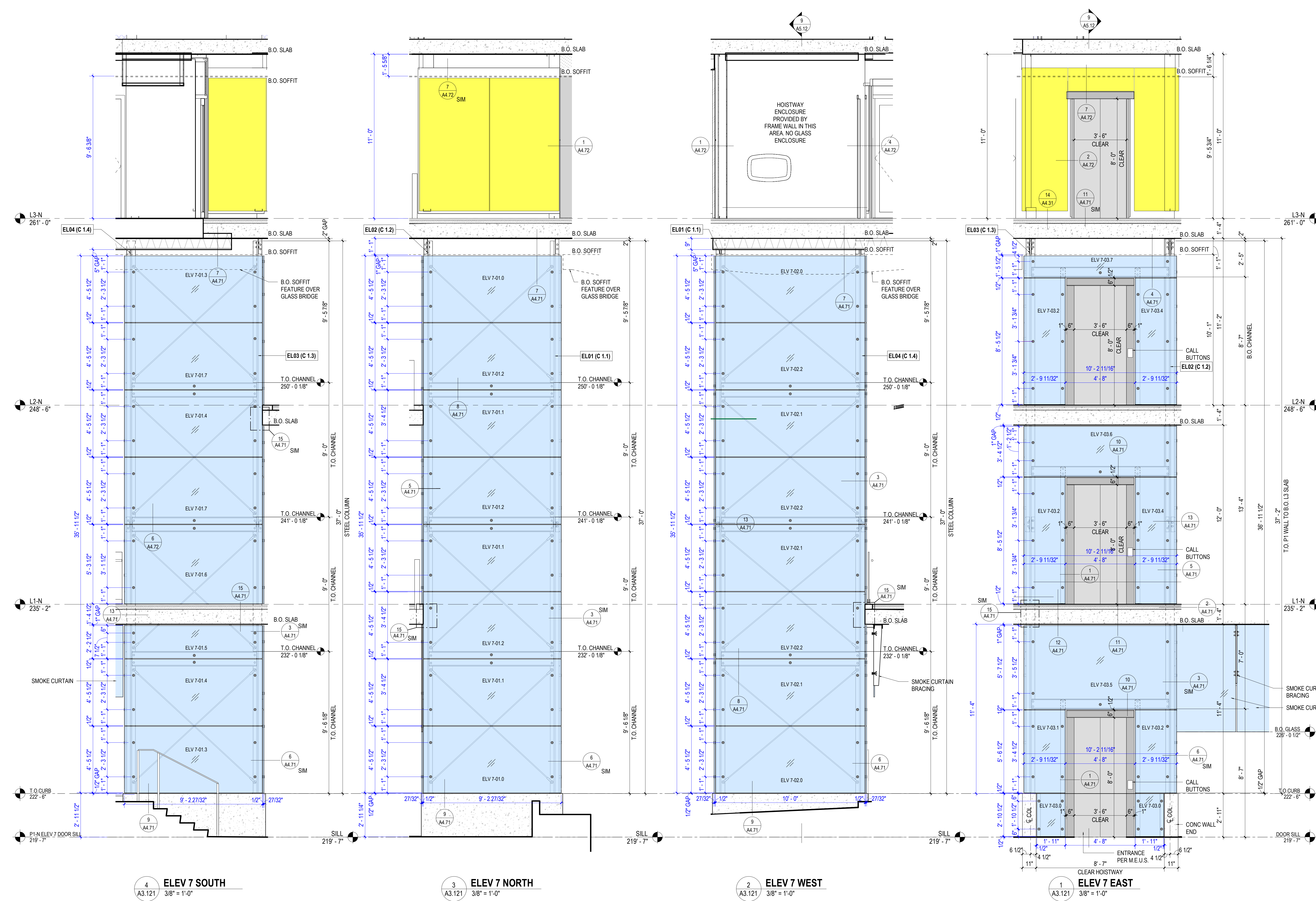
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**ENLARGED ELEVATIONS -
ELEVATOR 7**

No.	Description	Date
1	PHASE 3 PERMIT REVISION: ELEVATOR 7	08/23

DPD # 6769232-PH
Issue Date 08/08/23

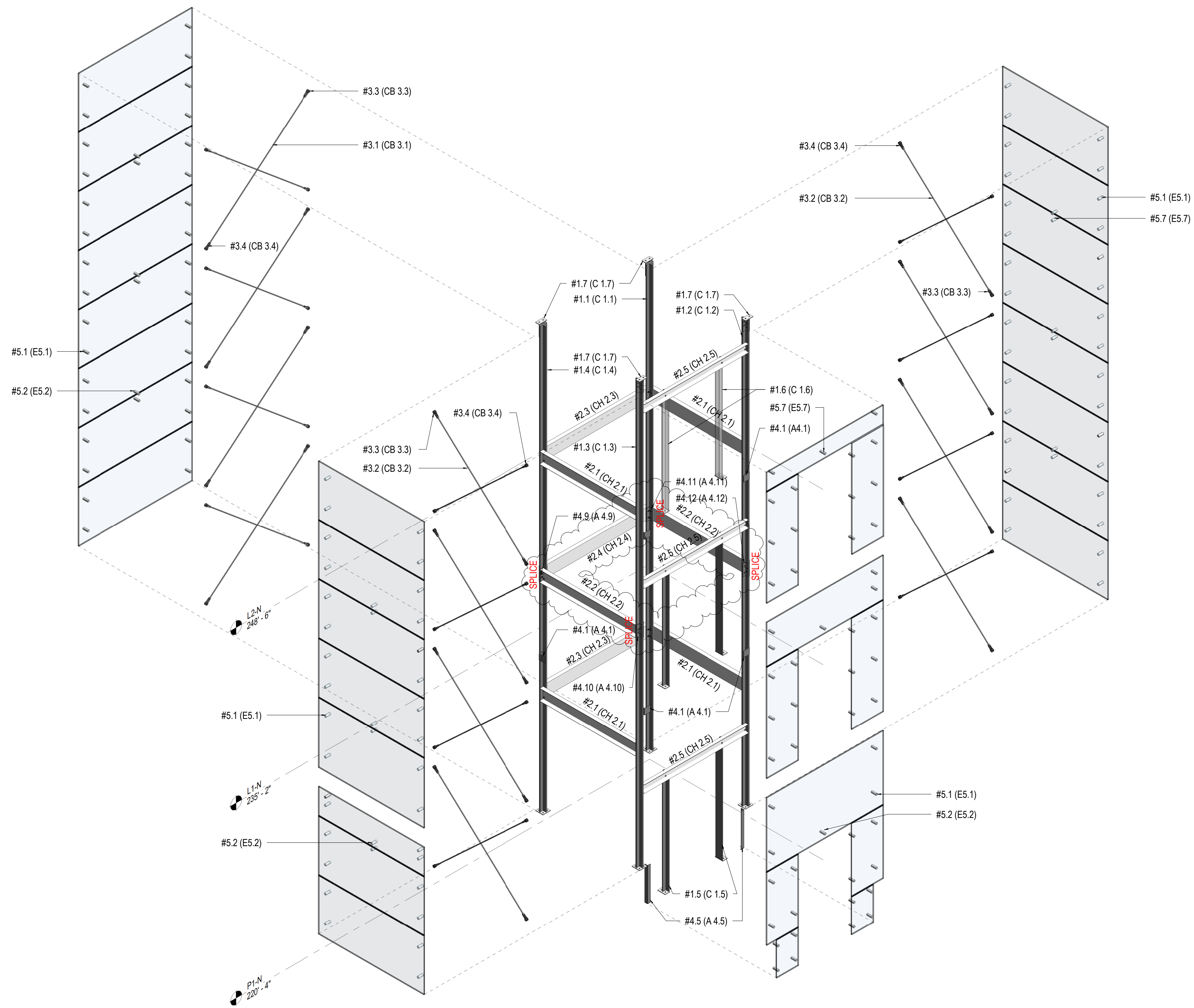
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Sheet Number

SDCI Approval Stamp



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A3.121
GLASS SHOP DRAWINGS FOR ELEVATOR 7
3/8" = 1'-0"

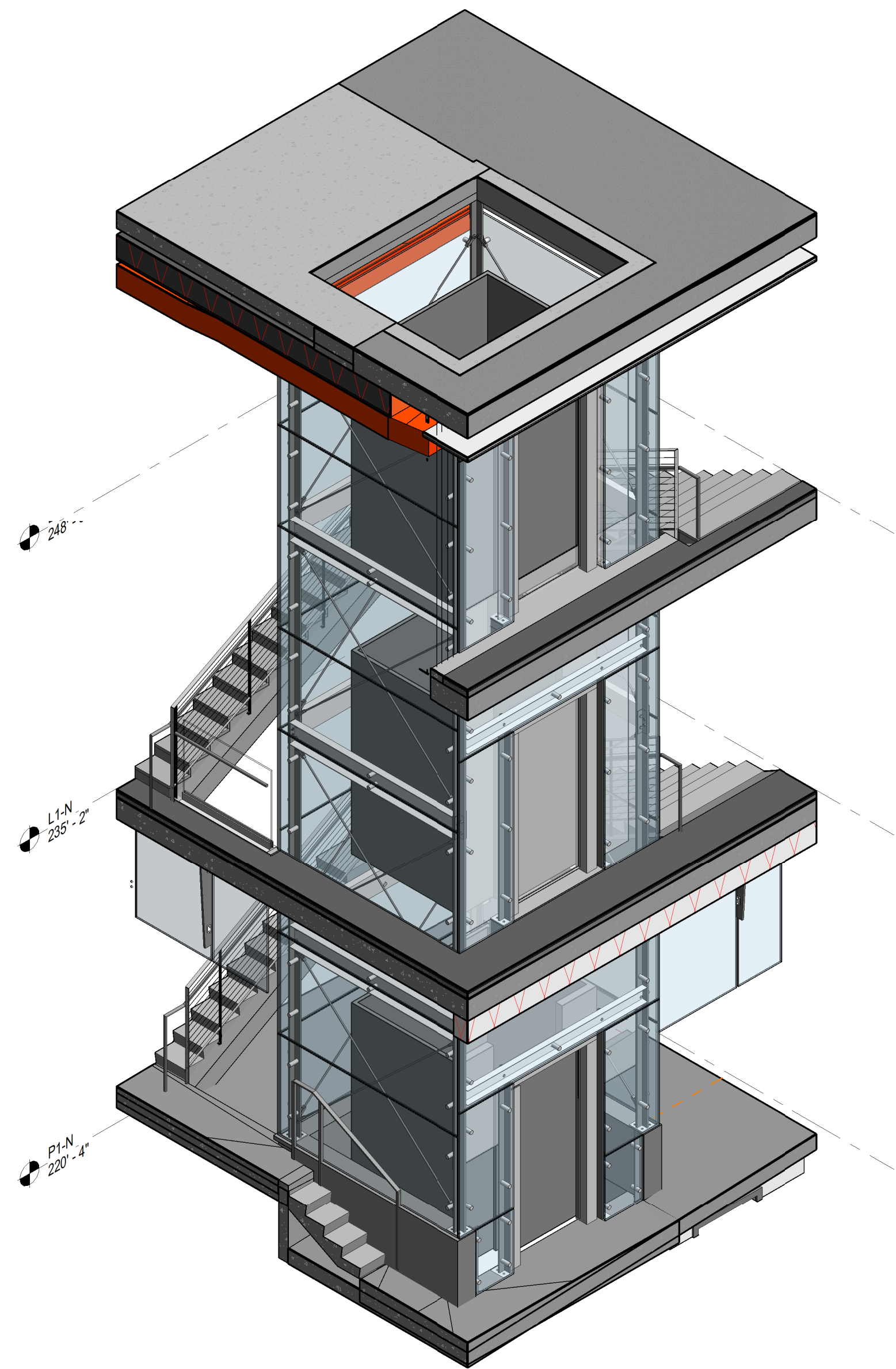
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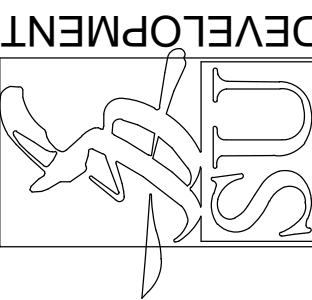
2
A3.122 3D ELEVATOR 7 AXON - EXPLODED

ELEVATOR 7 - PARTS LIST																	
ITEM #	DESCRIPTION (ASSEMBLIES)	QTY	UNIT	SPECIAL NOTES	CONNECTION	MATERIAL	VENDOR	STOCK NUMBER	ITEM #	DESCRIPTION (ASSEMBLIES)	QTY	UNIT	SPECIAL NOTES	CONNECTION	MATERIAL	VENDOR	STOCK NUMBER
1	C 1.0 - COLUMNS								4.5	A 4.5-METAL ANGLE (EL-13)	2	2'-10 3/4"x4"x4"	ASTM A36		STEEL		
1.1	C 1.1-NW COLUMN (EL-01)	1	37'-0"x7"x7"			STEEL	TAIWAN		4.6	WEDGE ANCHOR (STEEL ANGLE)	8	1/2"x4"	ASSEMBLED WITH 4.7 & 4.8		STEEL		
1.2	C 1.2-NE COLUMN (EL-02)	1	37'-0"x7"x7"			STEEL	TAIWAN		4.7	FLAT WASHER	8	-			STEEL		
1.3	C 1.3-SE COLUMN (EL-03)	1	37'-0"x7"x7"			STEEL	TAIWAN		4.8	ACORN NUT	8	1/2"x0			STEEL		
1.4	C 1.4-SW COLUMN (EL-04)	1	37'-0"x7"x7"			STEEL	TAIWAN		4.9	A 4.9-SPLICE PLATE (EL-14)	6	3"x1'-0"x14"	SPLICE (@ CHANNEL ENDS)	CONNECT TO COL & 4.10	STEEL		
1.5	C 1.5-DOOR TEE (EL-05)	2	9'-3"x7"x4"	ASTM A36		STEEL	TAIWAN		4.10	A 4.10-SPLICE ANGLE (OUTER) (EL-15)	4	3"x3"x1'-0"x14"	SPLICE (OUTSIDE COLUMNS)	CONNECT TO COL & 4.9	STEEL		
1.6	C 1.6-DOOR TEE (EL-06)	4	9'-3"x7"x4"	ASTM A36		STEEL	TAIWAN		4.11	A 4.11-SPLICE ANGLE (INNER) (EL-16)	4	3"x3"x1'-0"x14"	SPLICE (INSIDE COLUMNS)	CONNECT TO COL & CHANNELS	STEEL		
1.7	C 1.7-COLUMN TOP BRACKET	4	4"x8"x10"	ASTM A36	BOLTED TO TOP OF 1.1-1.4	STEEL	TAIWAN		4.12	A 4.12-SPLICE ANGLE (@ DOOR) (EL-17)	2	3"x3"x1'-0"x14"	SPLICE (@ DOOR SIDE)	CONNECT TO COL 4.10, & 4.11	STEEL		
1.8	WEDGE ANCHOR (BASE)	28	1/2"x4"	ASSEMBLED WITH 1.10 & 1.11	BOLTED THROUGH 1.1-1.4 TO CONC.	STEEL			4.13	HEAVY BOLT	16	3/4"x0	ASSEMBLED WITH 4.14 & 4.15		STEEL		
1.9	WEDGE ANCHOR (TOP)	8	3/4"x4"	ASSEMBLED WITH 1.11 & 1.13	BOLTED THROUGH 1.1-1.4 TO CONC.	STEEL			4.14	HEX NUT	16	3/4"x0			STEEL		
1.10	ACORN NUT	28	1/2"x0	ASSEMBLED WITH 1.8		STEEL			4.15	FLAT WASHER	16	-			STEEL		
1.11	FLAT WASHER	36	-			STEEL			4.16	HEAVY BOLT	4	7/8"x0	ASSEMBLED WITH 4.17 & 4.18		STEEL		
1.12	BOLT	24	1/2"x0	ASSEMBLED WITH 1.13-1.15	BOLTED TO TOP OF 1.1-1.4 & 1.7	STEEL			4.17	HEX NUT	4	7/8"x0			STEEL		
1.13	HEX NUT	24	-			STEEL			4.18	FLAT WASHER	4	-			STEEL		
1.14	FLAT WASHER	48	-			STEEL			5	E 5.0 - HOISTWAY ENCLOSURE							
1.15	SPLIT WASHER	24	-			STEEL			5.1	E 5.1-ROUTEL	146		LONG @ COLUMNS			KIN LONG	
2	CH 2.0 - CHANNELS								5.2	E 5.2-ROUTEL	21		SHORT @ CHANNELS			KIN LONG	
2.1	CH 2.1-C300x90 (EL-07)	4	8'-4"x11.81"	ASTM A36		STEEL	TAIWAN		5.3	FINISHED METAL ANGLE	X	-					
2.2	CH 2.2-C300x90 (EL-07.1)	2	8'-3 1/2"x11.81"	ASTM A36		STEEL	TAIWAN		5.4	FINISHED METAL CHANNEL	X	-					
2.3	CH 2.3-C300x90 (EL-08)	2	9'-2 1/2"x11.81"	ASTM A36		STEEL	TAIWAN		5.5	SILICONE	X	-					
2.4	CH 2.4-C300x90 (EL-08.01)	1	9'-2"x11.81"	ASTM A36		STEEL	TAIWAN										
2.5	CH 2.5-C200x80	3	9'-2 1/2"x7.87"	ASTM A36		STEEL	TAIWAN										
2.6	BOLT	48	7/8"x0	ASSEMBLED WITH 2.7-2.9	2.1 TO 2.5 BOLTED TO COLUMNS	STEEL											
2.7	HEX NUT	48	7/8"x0			STEEL											
2.8	FLAT WASHER	96	7/8"x0			STEEL											
2.9	SPLIT WASHER	48	7/8"x0			STEEL											
2.10	BOLT	12	1/2"x0	ASSEMBLED WITH 2.11-2.13	2.5 BOLTED TO 1.5 & 1.6	STEEL											
2.11	HEX NUT	12	1/2"x0			STEEL											
2.12	FLAT WASHER	24	1/2"x0			STEEL											
2.13	SPLIT WASHER	12	1/2"x0			STEEL											
3	CB 3.0 - CROSS BRACING																
3.1	CB 3.1-CROSS BRACING (EL-10)	8	7/8"x11'-0 3/8"			STEEL											
3.2	CB 3.2-CROSS BRACING (EL-11)	16	7/8"x10'-4 3/4"			STEEL											
3.3	CB 3.3-CLEVIS FORKS (L HAND)	24	2.5" DIAM	7/8"x0 PIN & THREAD, 1" GRIP, GALV.		STEEL											
3.4	CB 3.4-CLEVIS FORKS (R HAND)	24	2.5" DIAM	7/8"x0 PIN & THREAD, 1" GRIP, GALV.		STEEL											
3.5	TURNBUCKLE	24	TBD	IF NEEDED		STEEL											
4	A 4.0 - STEEL ATTACHMENTS																
4.1	A 4.1-SLAB EDGE ATTACHMENT (EL-12)	5	3"x6"x7"	ASTM A36		STEEL											
4.2	WEDGE ANCHOR (SLAB)	10	1/2"x4"	ASSEMBLED WITH 4.3 & 4.4		STEEL											
4.3	ACORN NUT	10	1/2"x0			STEEL											
4.4	FLAT WASHER	10	-			STEEL											

ELEVATOR 7 - 3D



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Owner:

YESLER TOWERS

ELEVATOR 7 COMPONENTS

Sheet Name:

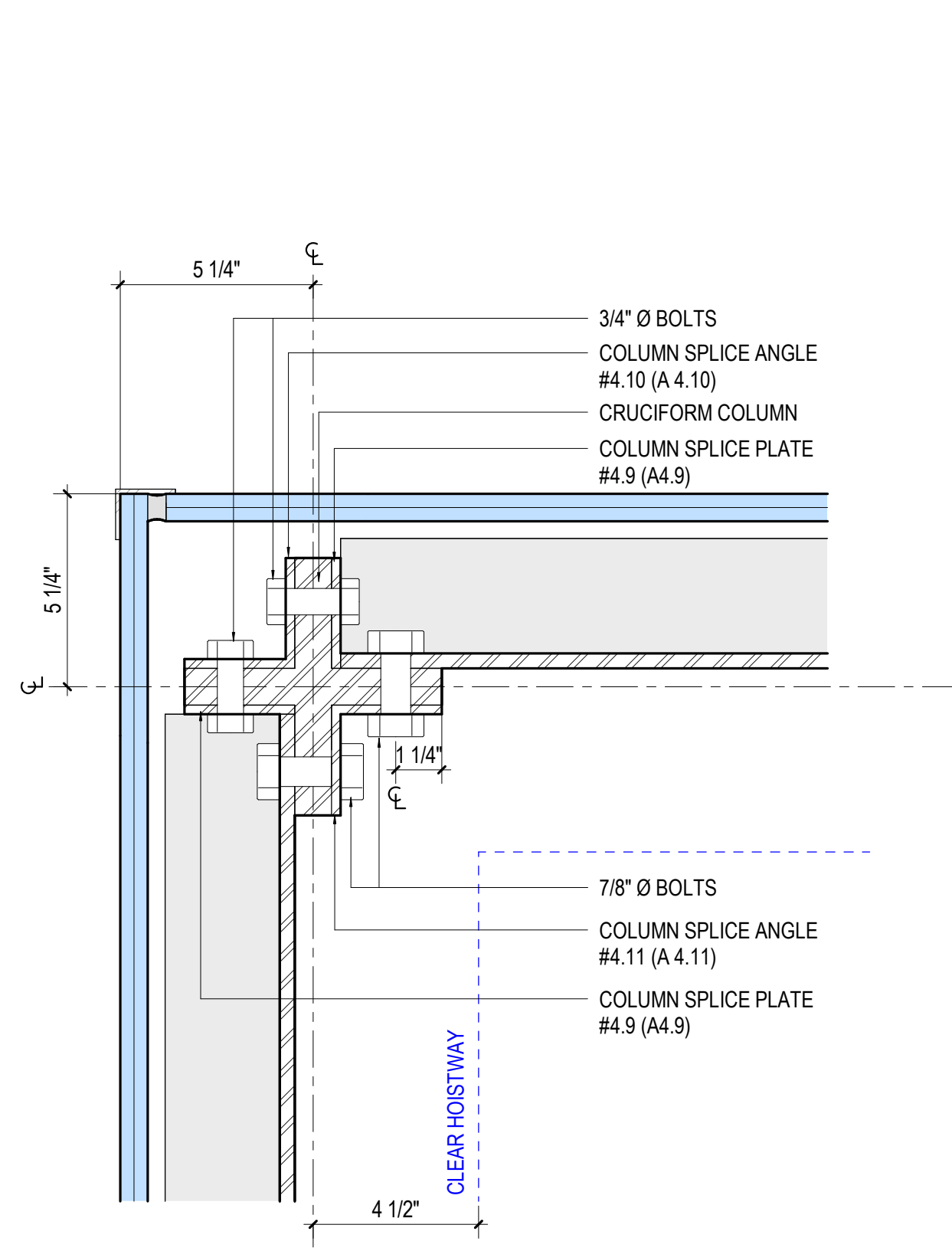
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2	ISSUED FOR PERMIT	10.17.23

DPD # 6769232-PH
Issue Date 10/16/23

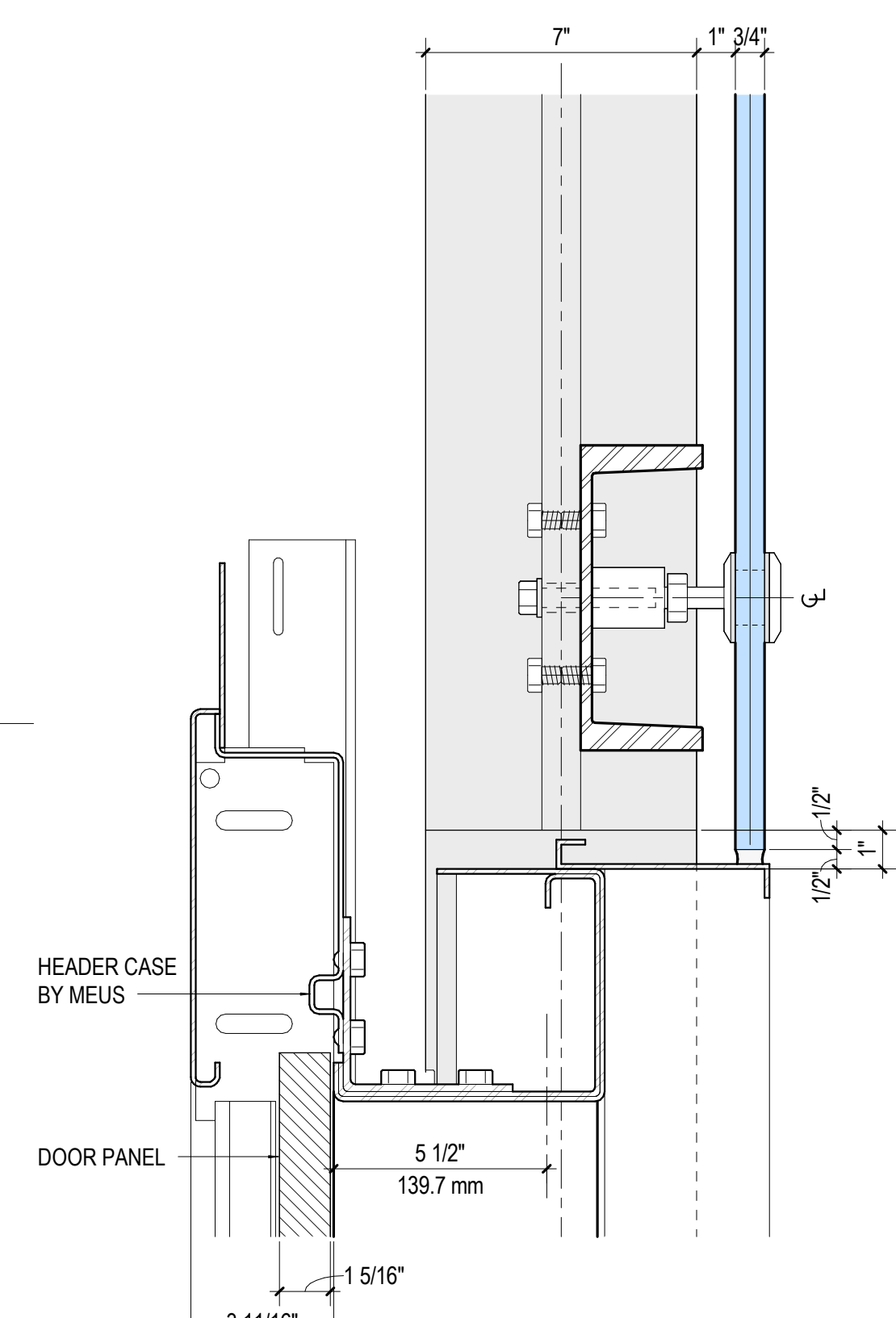
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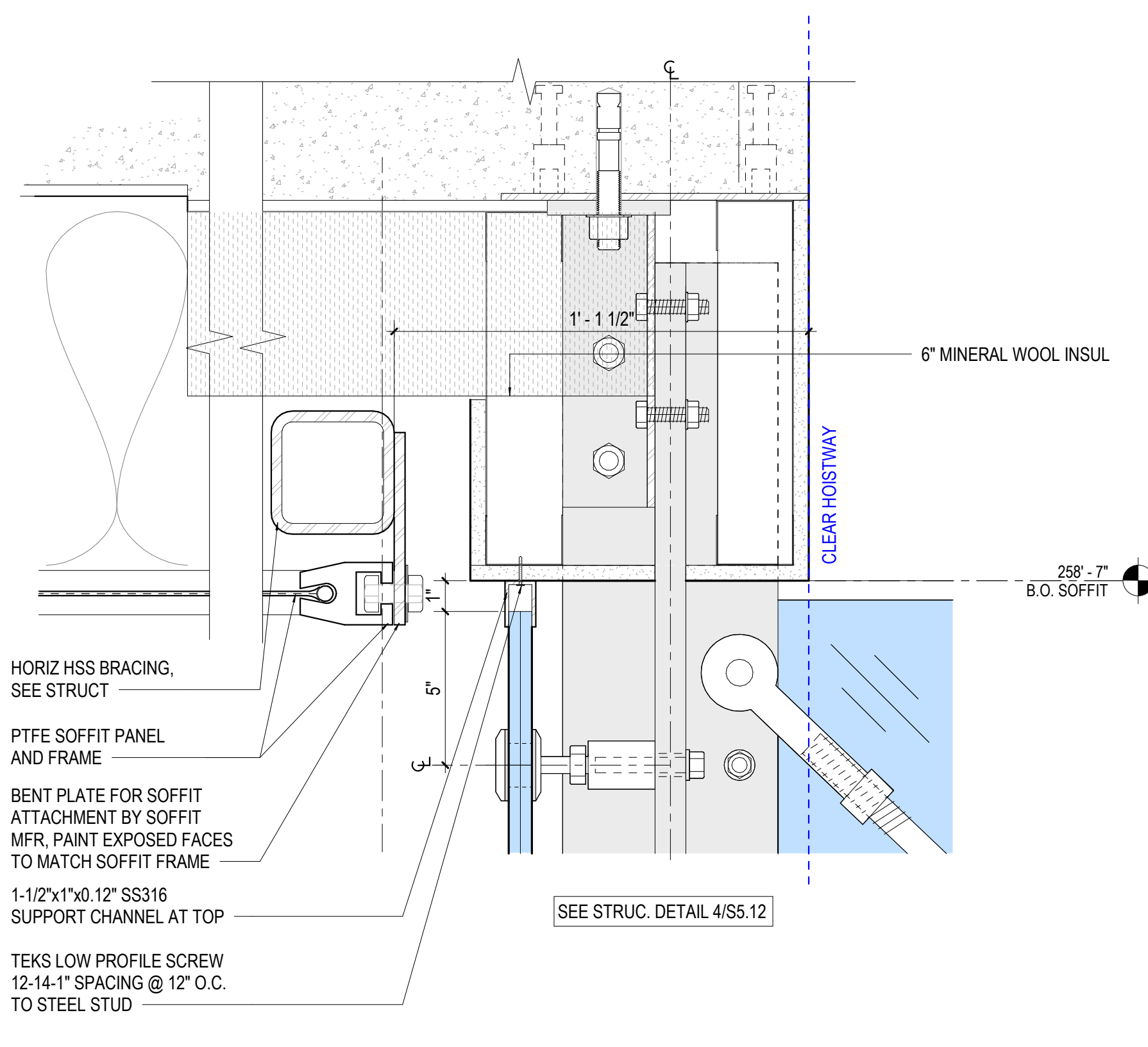
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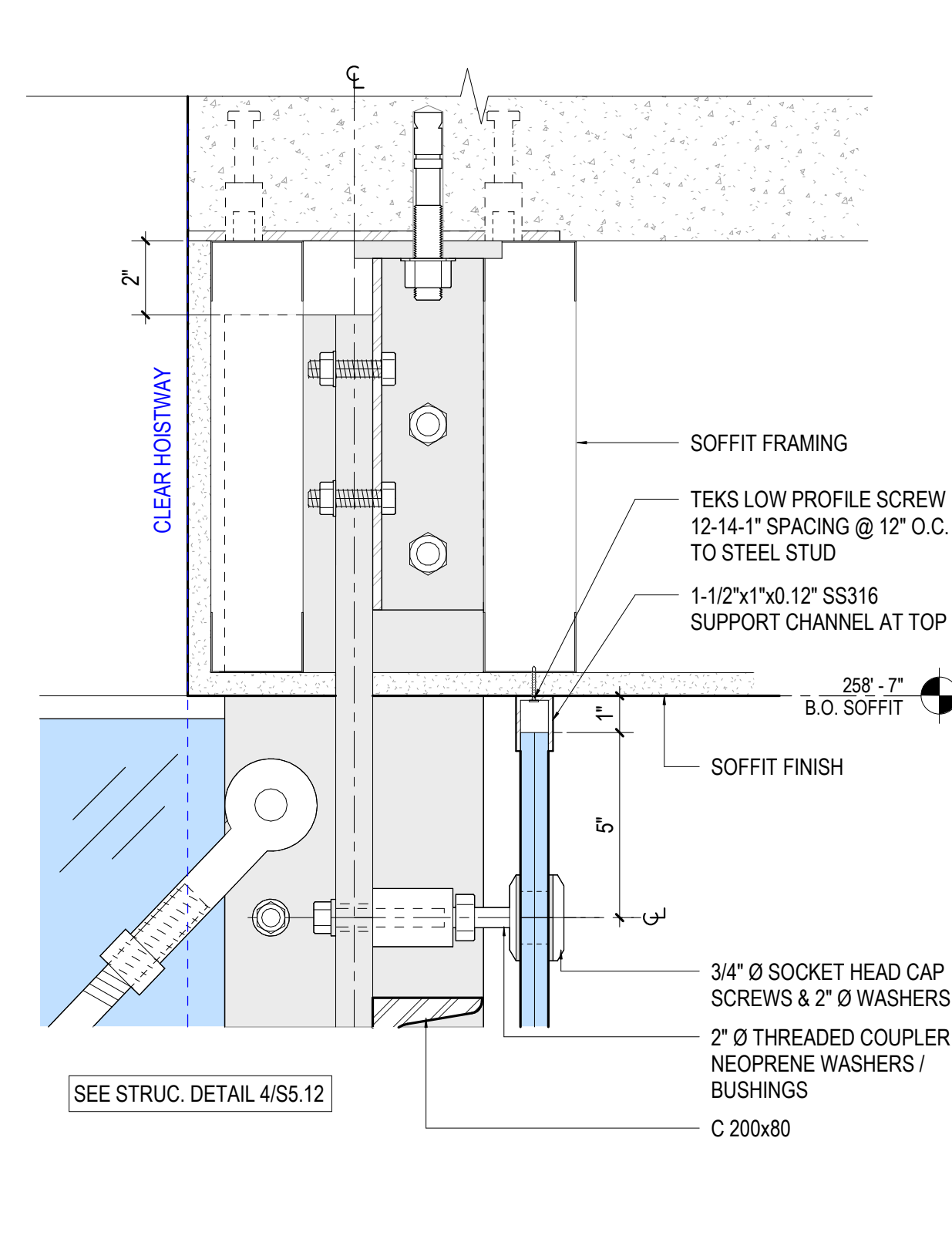
13 COLUMN SPLICE
A4.71 3" = 1'-0"



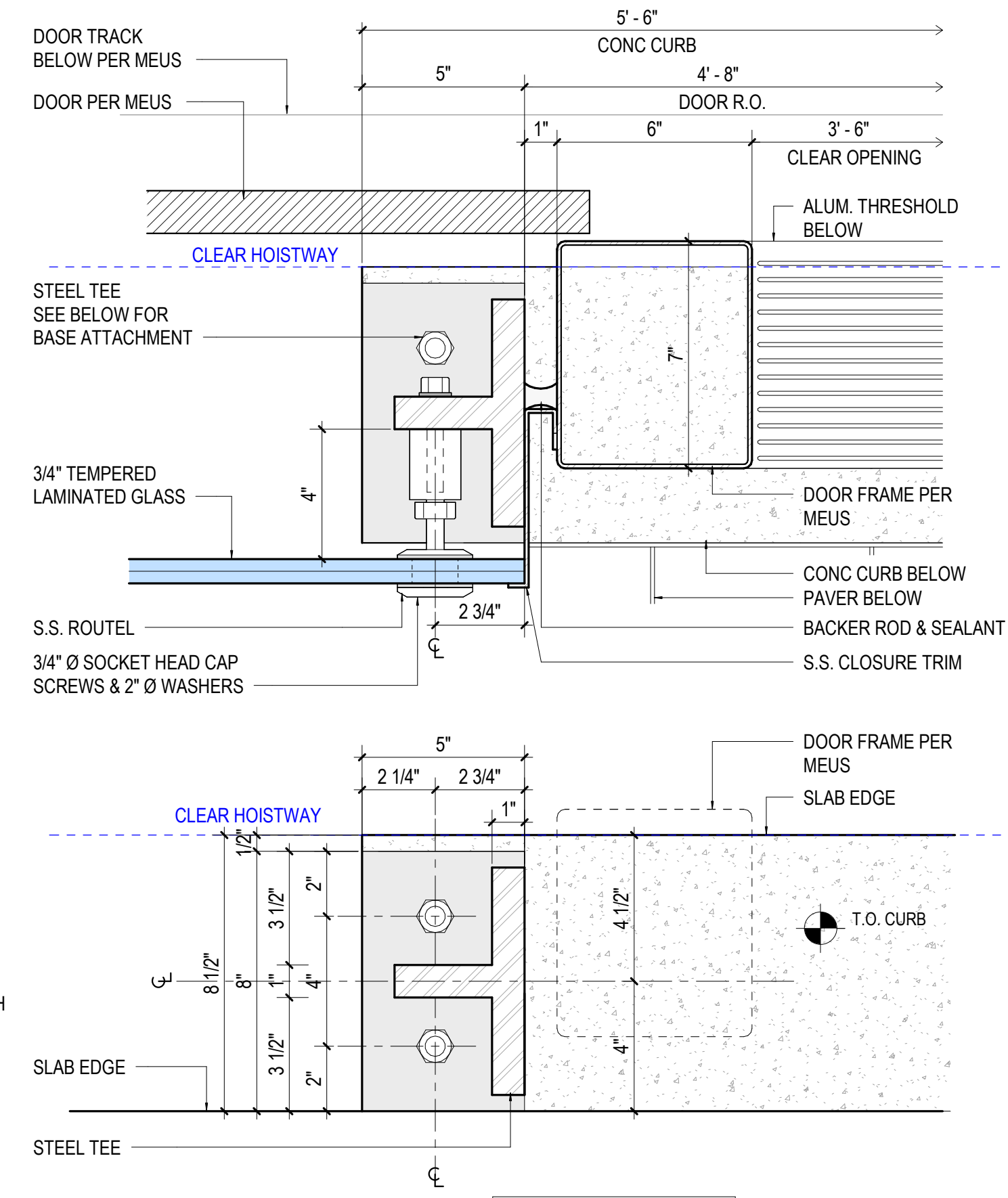
10 DOOR HEADER
A4.71 3" = 1'-0"



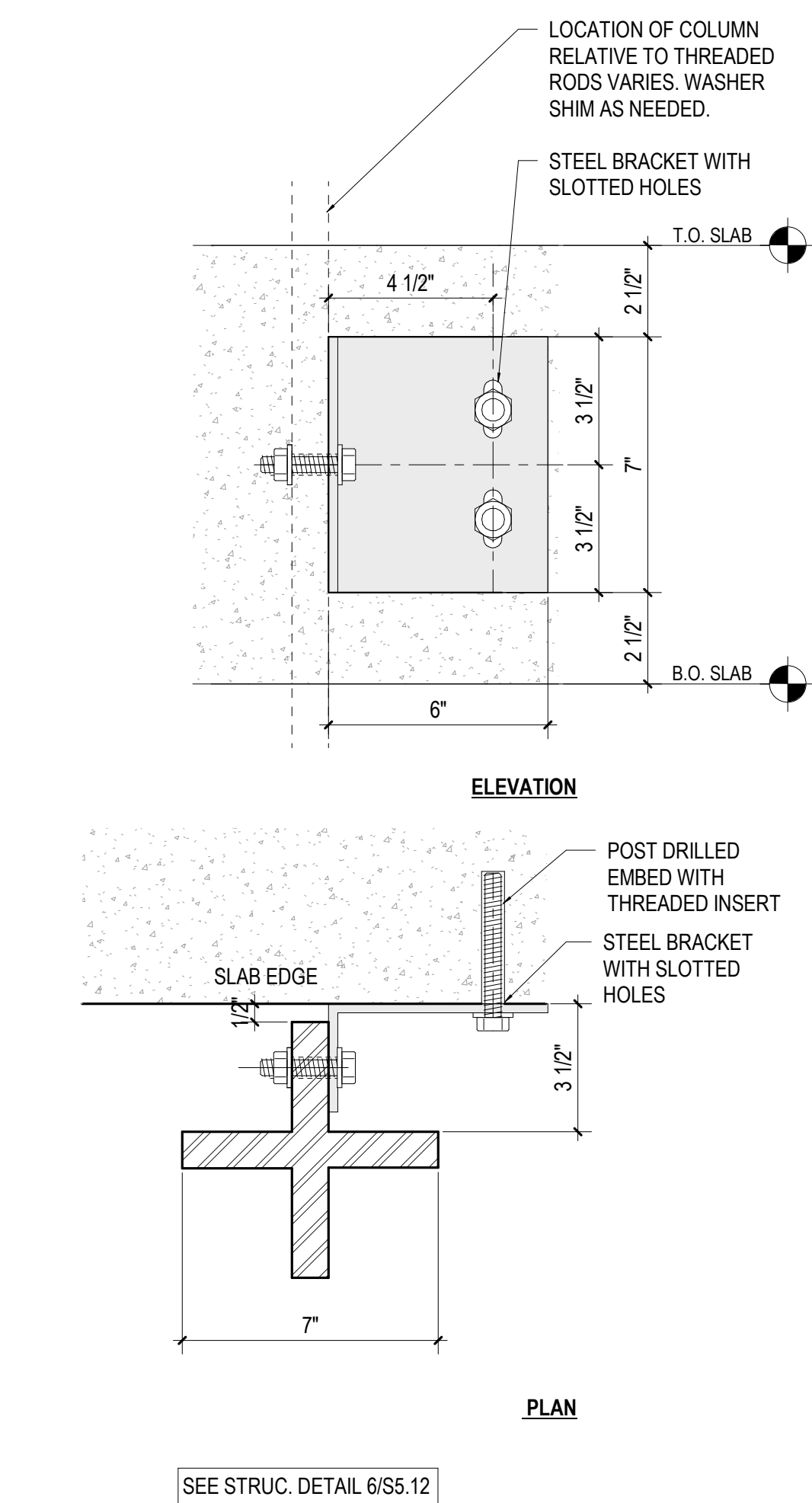
7 TOP OF COLUMN
A4.71 3" = 1'-0"



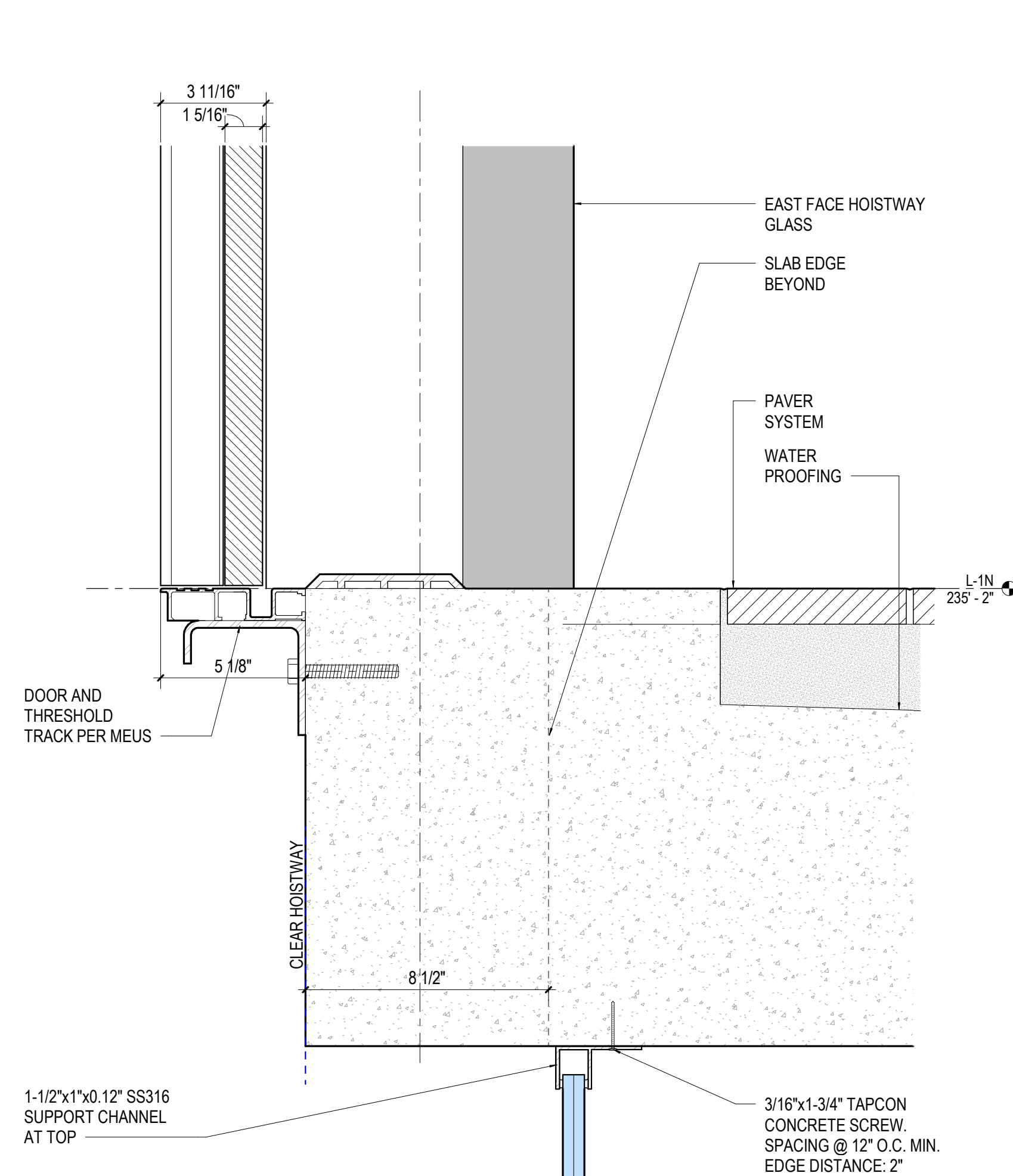
4 TOP OF COLUMN
A4.71 3" = 1'-0"



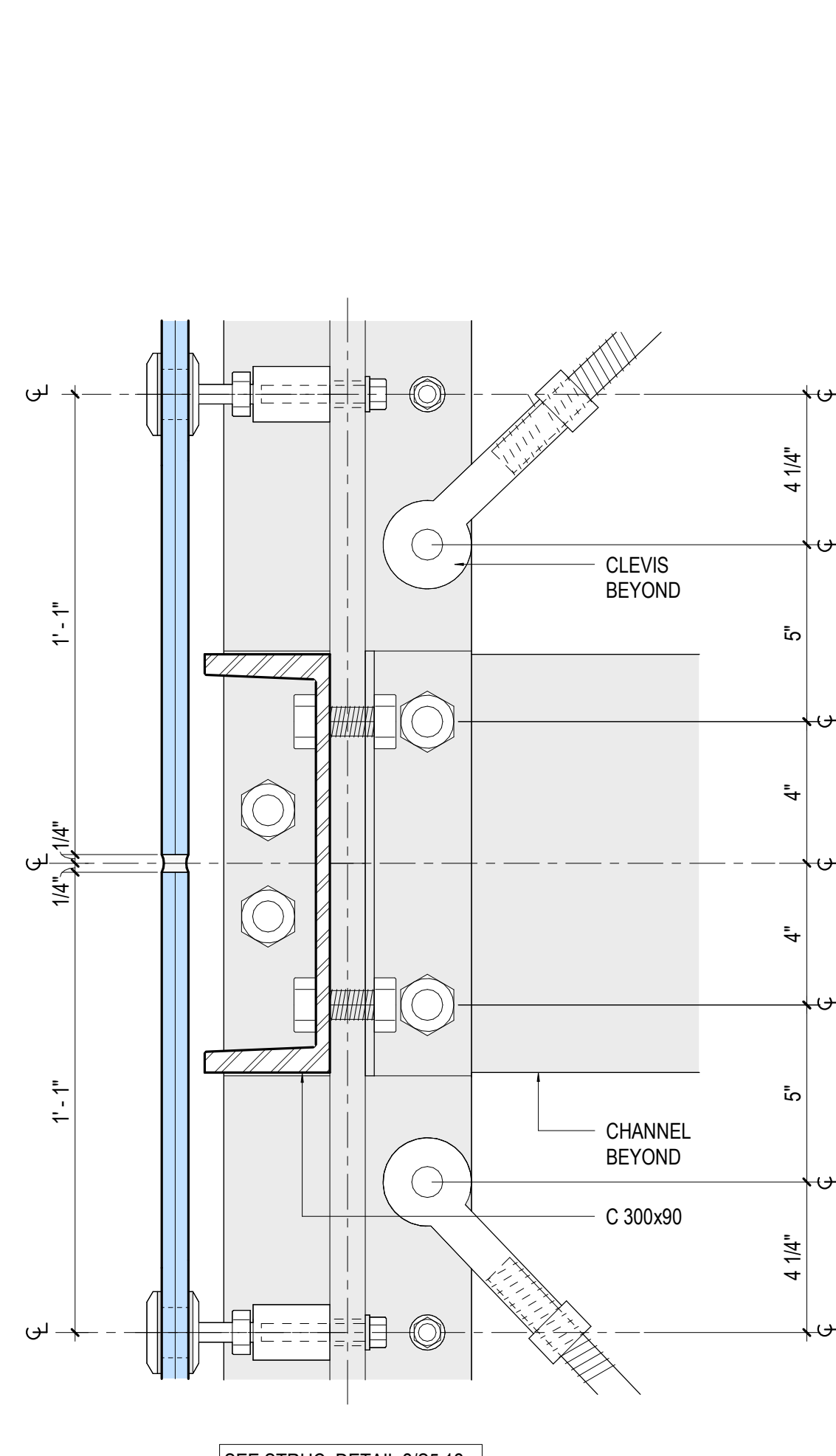
1 DOOR JAMB DETAIL
A4.71 3" = 1'-0"



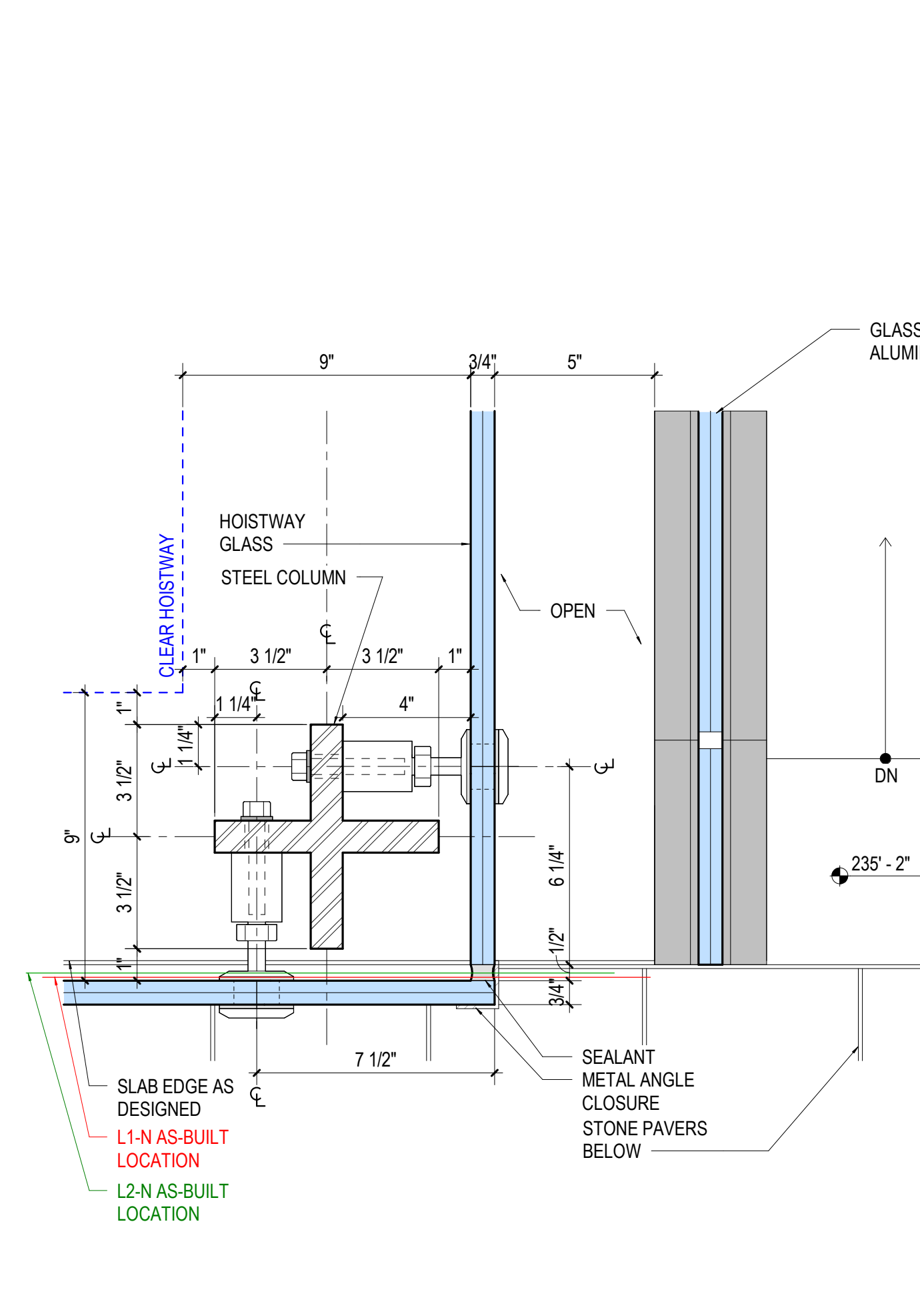
14 SLAB EDGE PLAN
A4.71 3" = 1'-0"



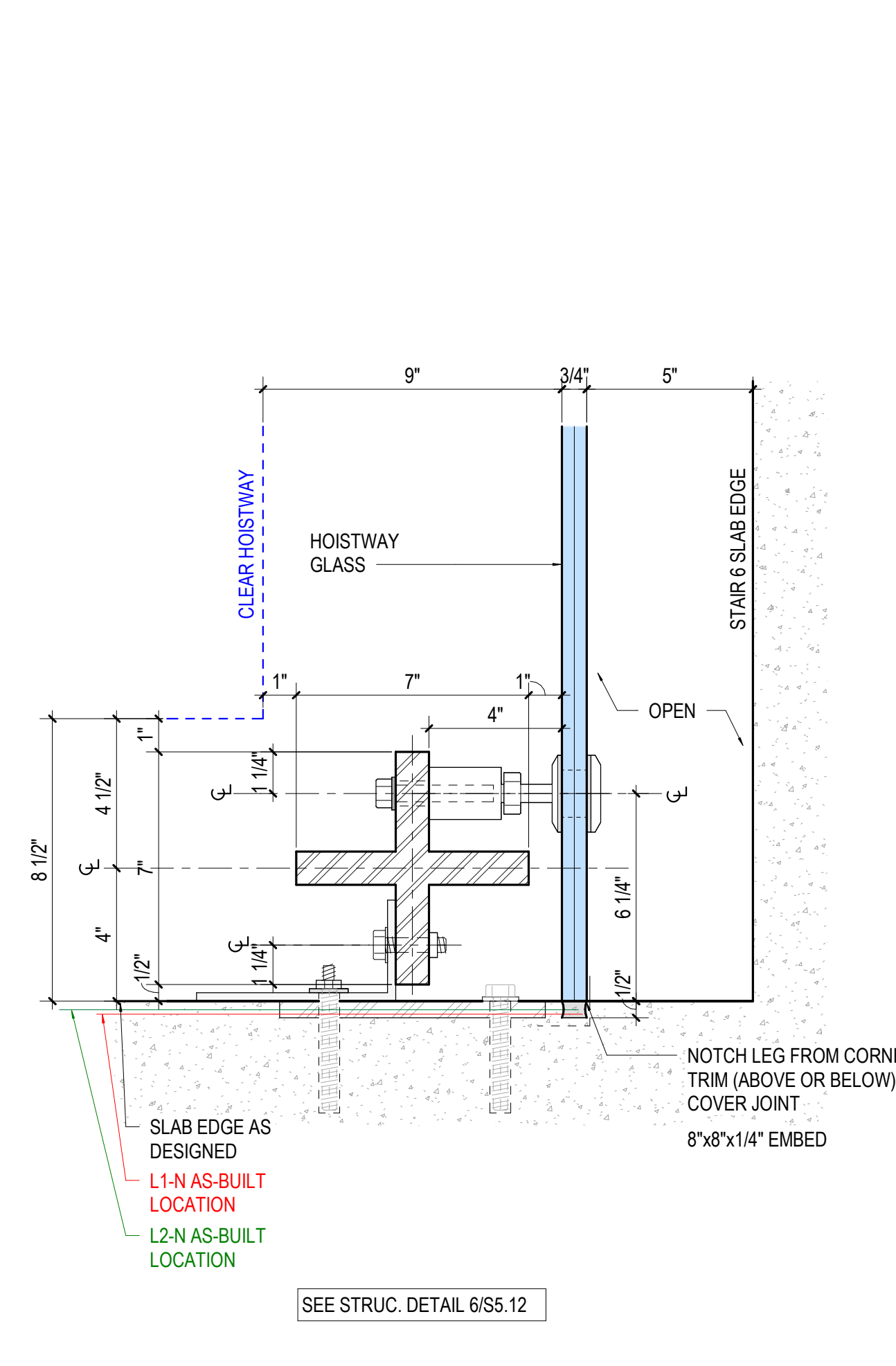
11 ELEVATOR 7 DOOR THRESHOLD
A4.71 3" = 1'-0"



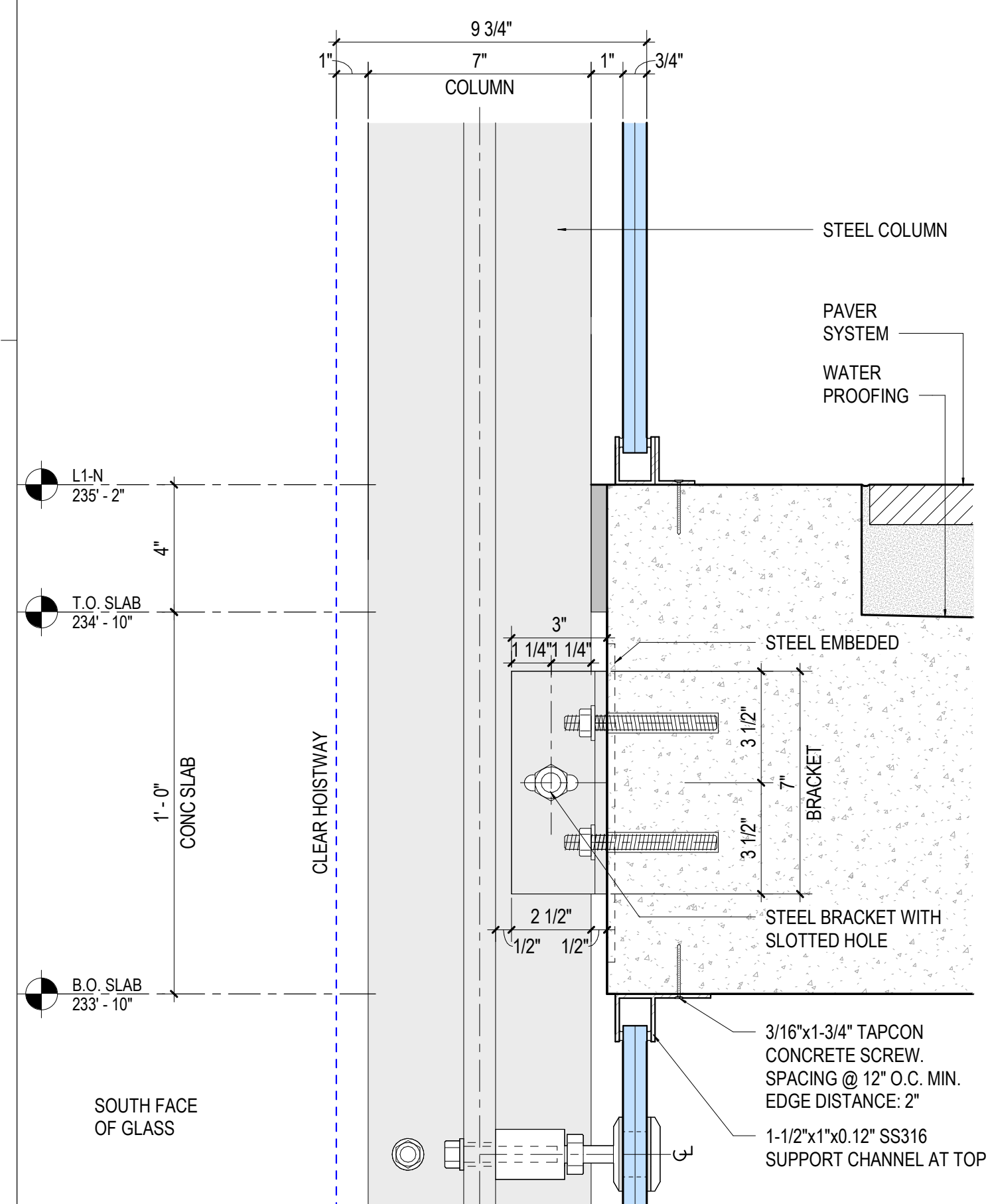
8 SECTION AT CHANNEL
A4.71 3" = 1'-0"



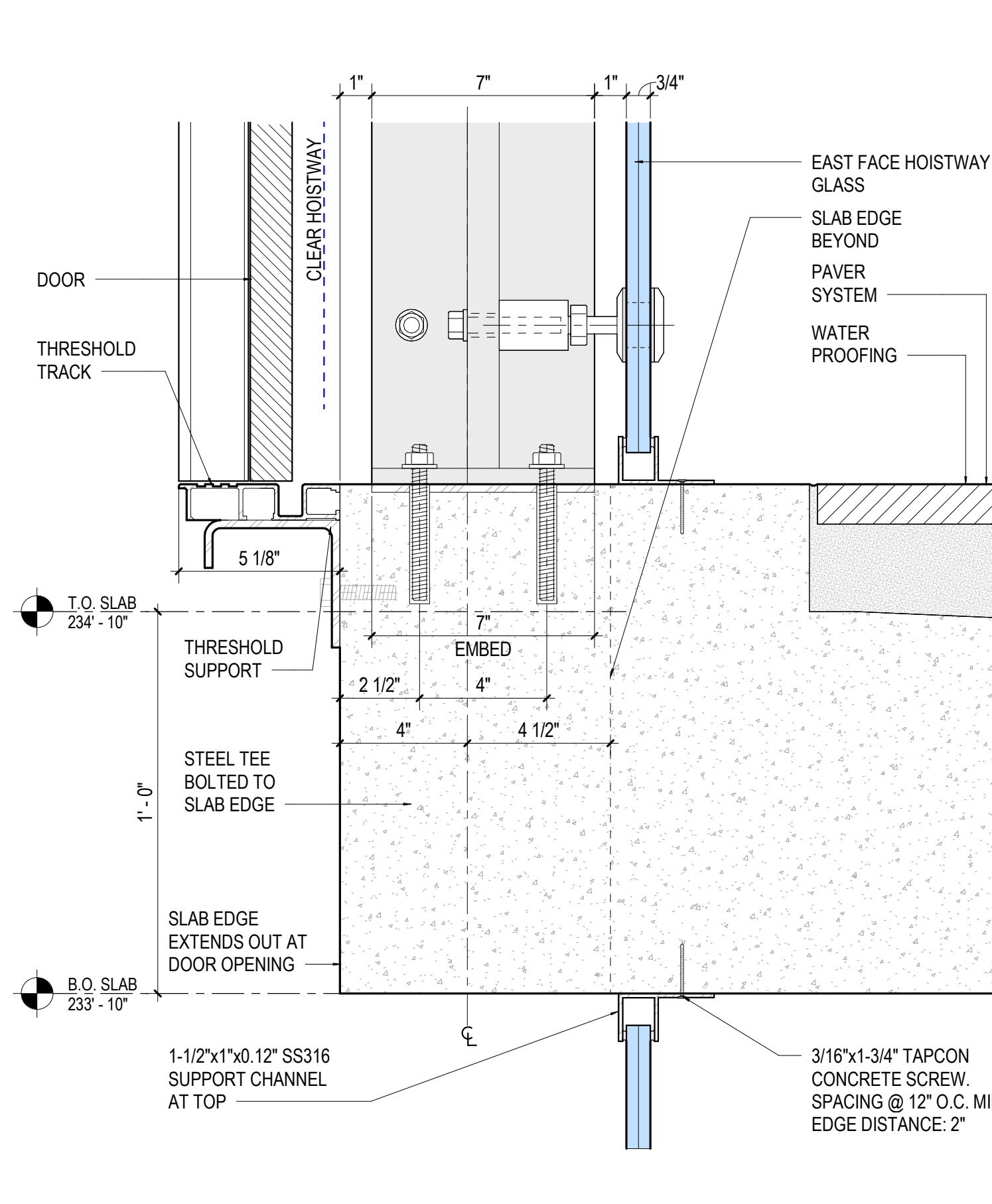
5 HOISTWAY DETAIL @ STAIR 6
A4.71 3" = 1'-0"



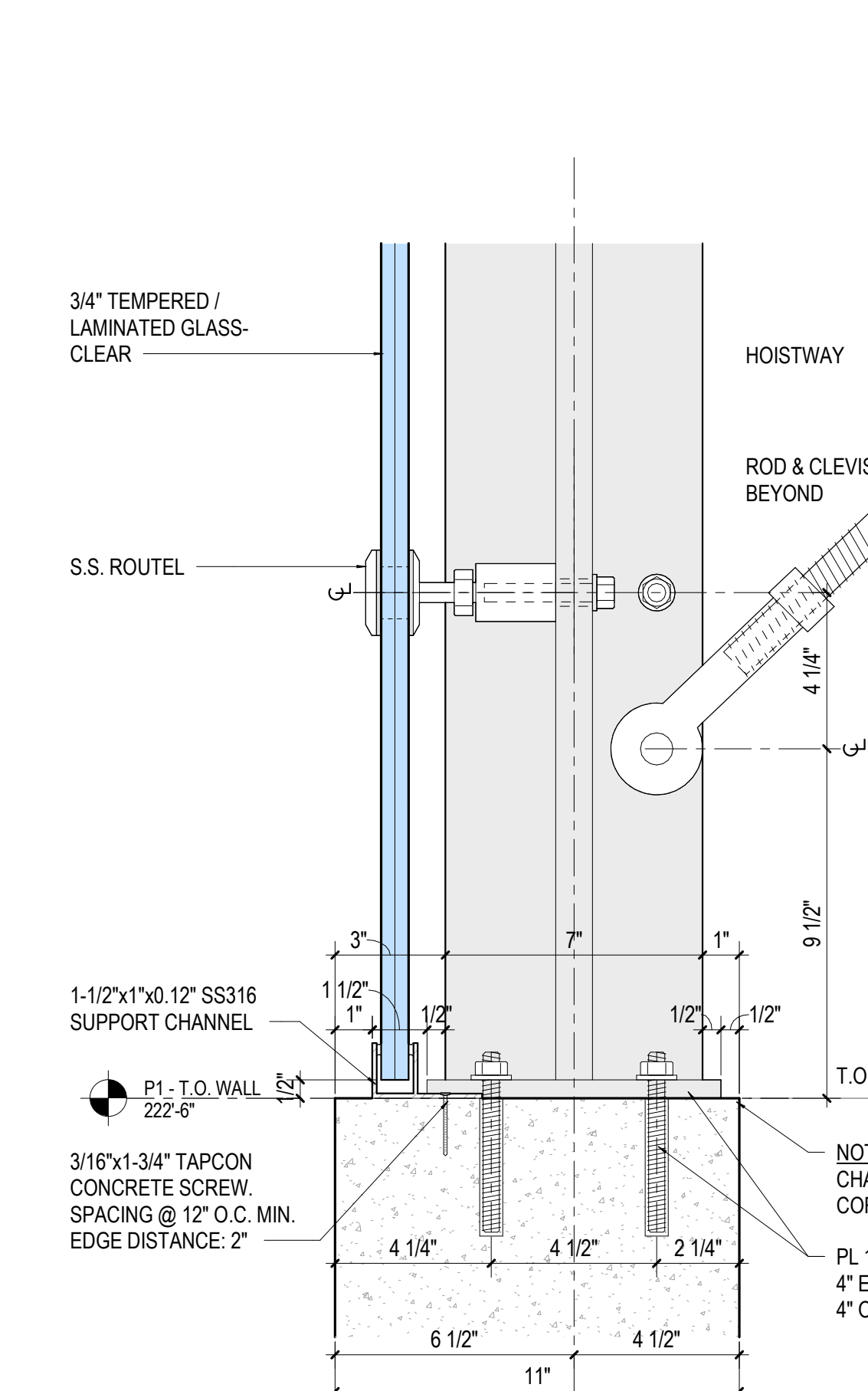
2 PLAN DETAIL @ N.E. CORNER - L1
A4.71 3" = 1'-0"



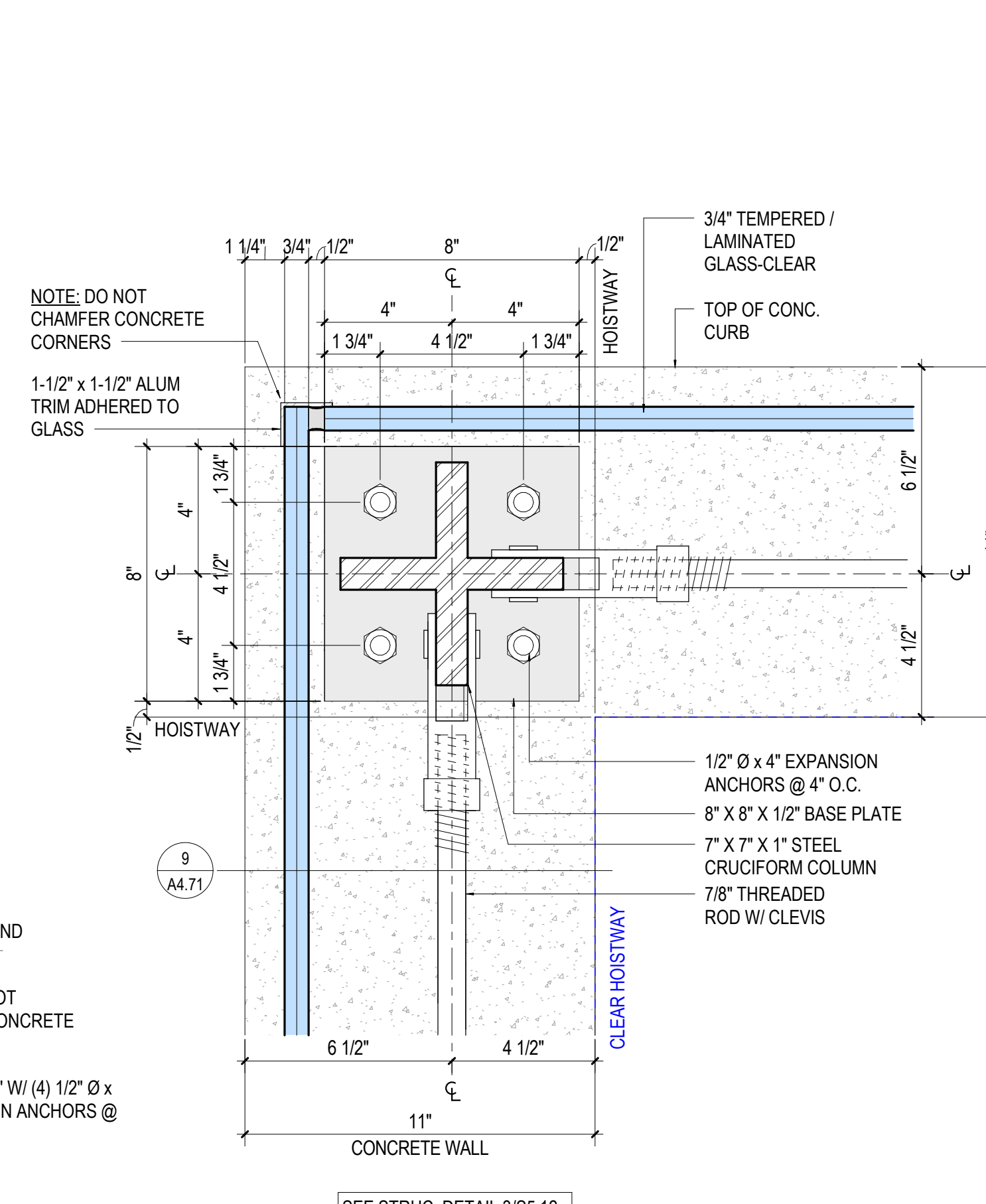
15 SECTION DETAIL COLUMN ATTACHMENT TO SLAB
A4.71 3" = 1'-0"



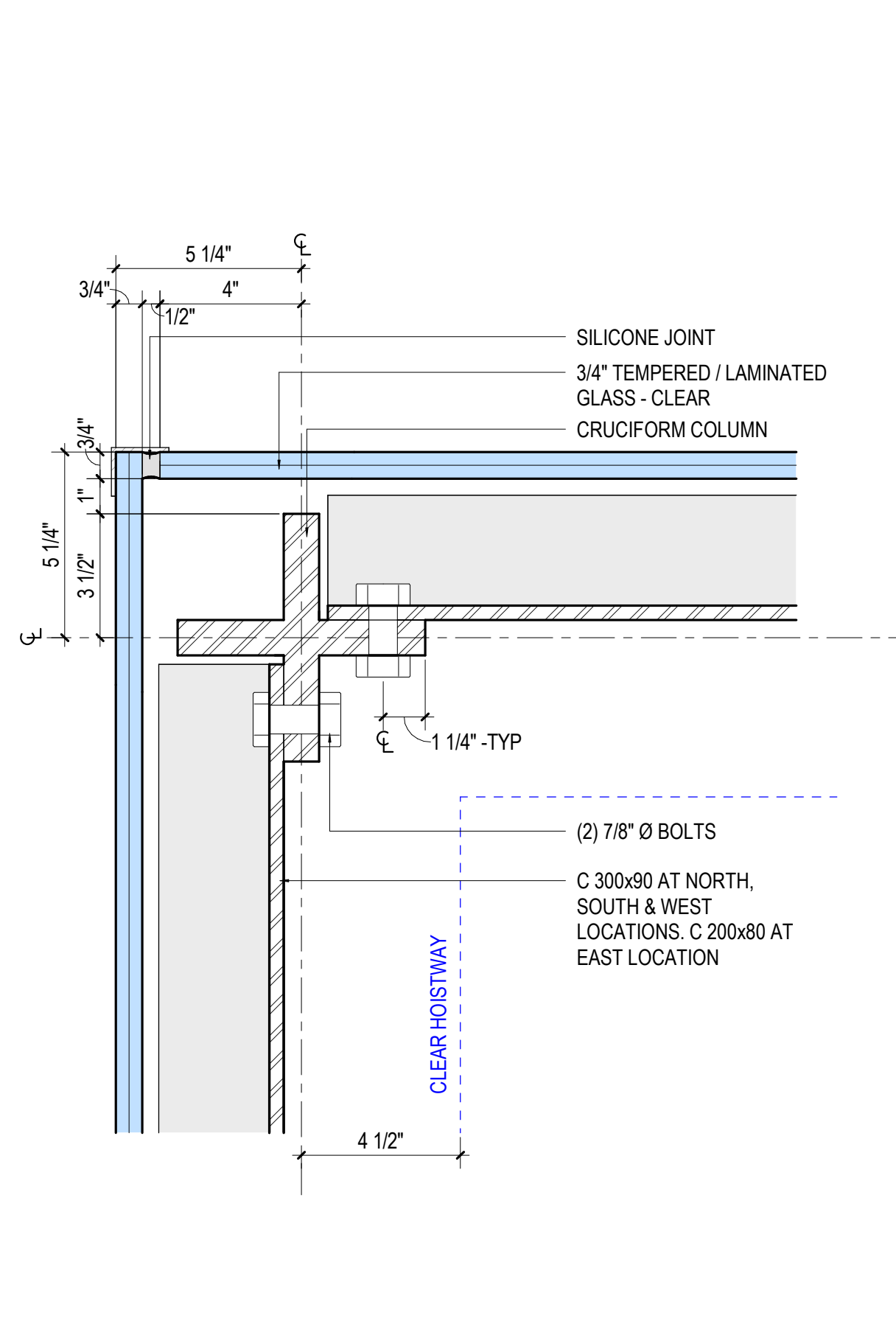
12 SECTION DETAIL @ JAMB SUPPORT
A4.71 3" = 1'-0"



9 COLUMN BASE
A4.71 3" = 1'-0"



6 PLAN DETAIL AT COLUMN BASE
A4.71 3" = 1'-0"



3 PLAN DETAIL AT STEEL CHANNEL
A4.71 3" = 1'-0"

11636
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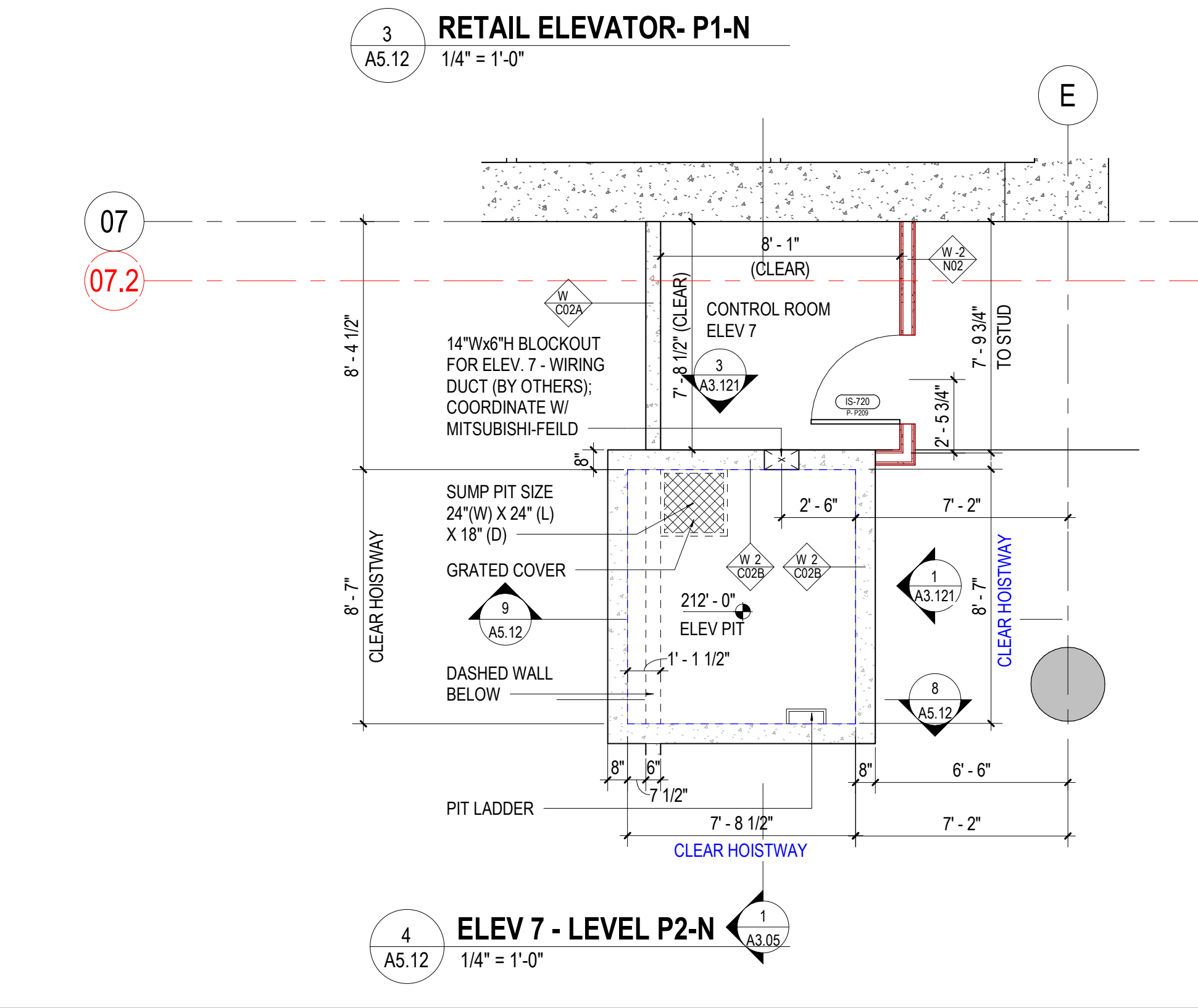
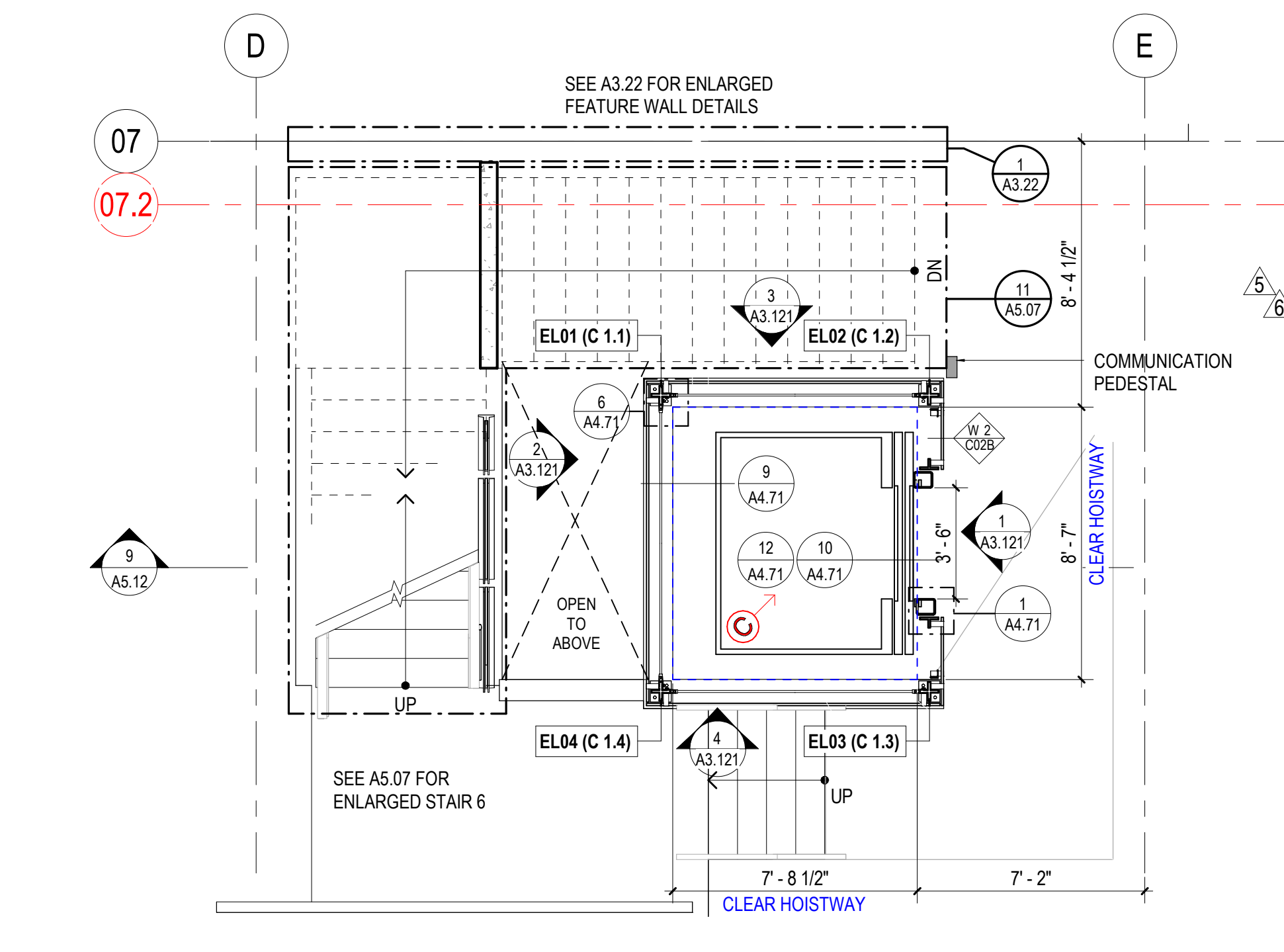
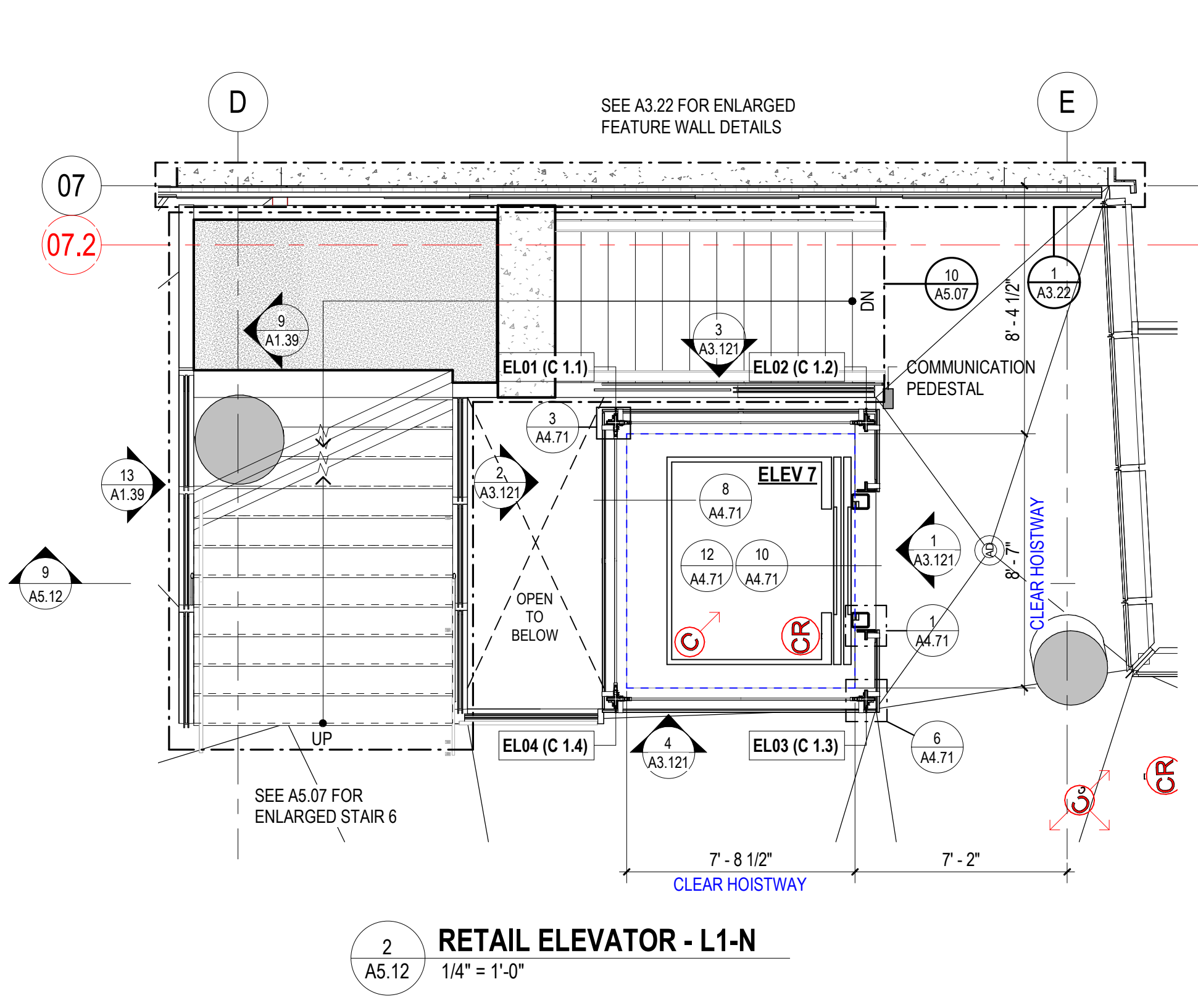
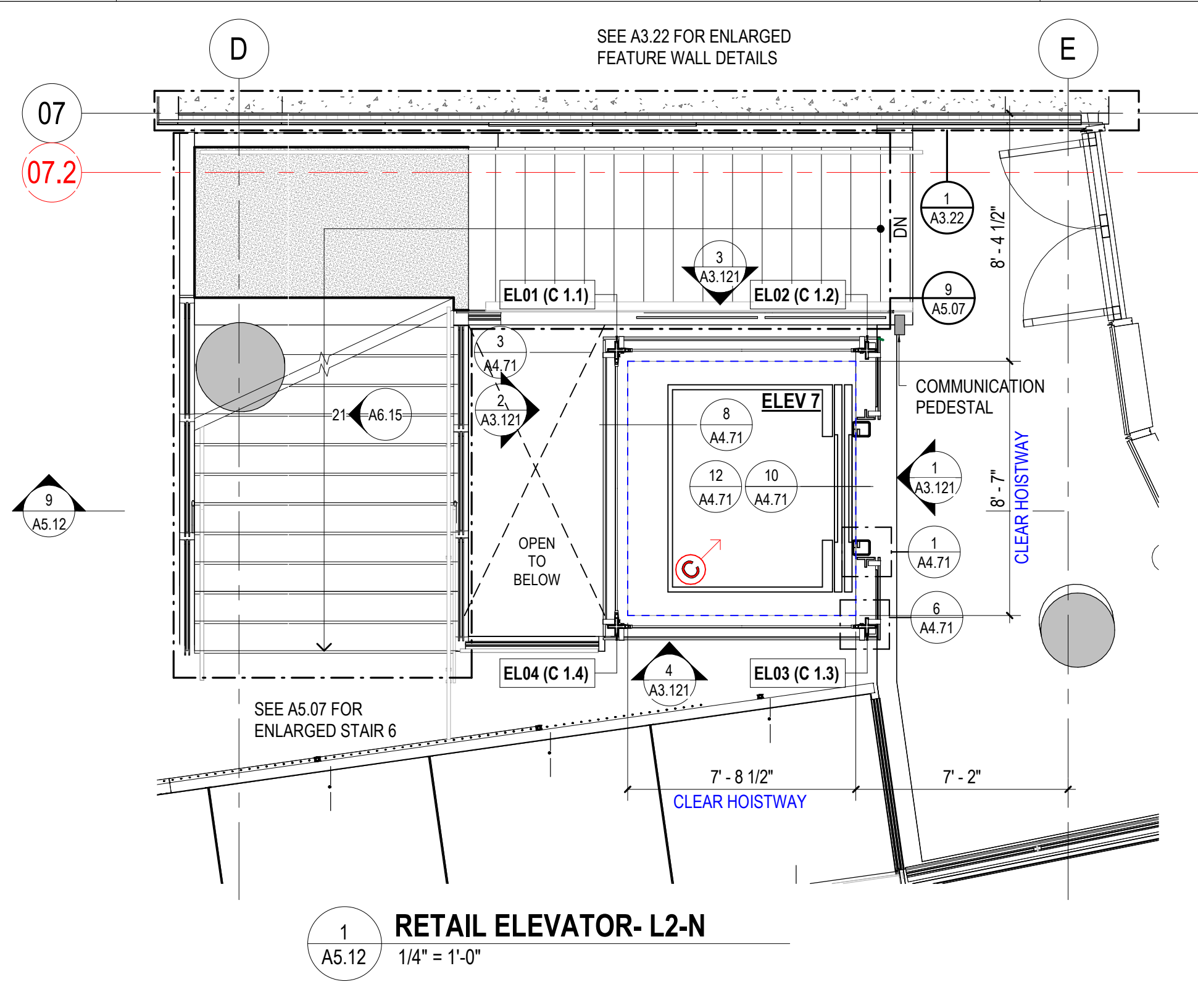
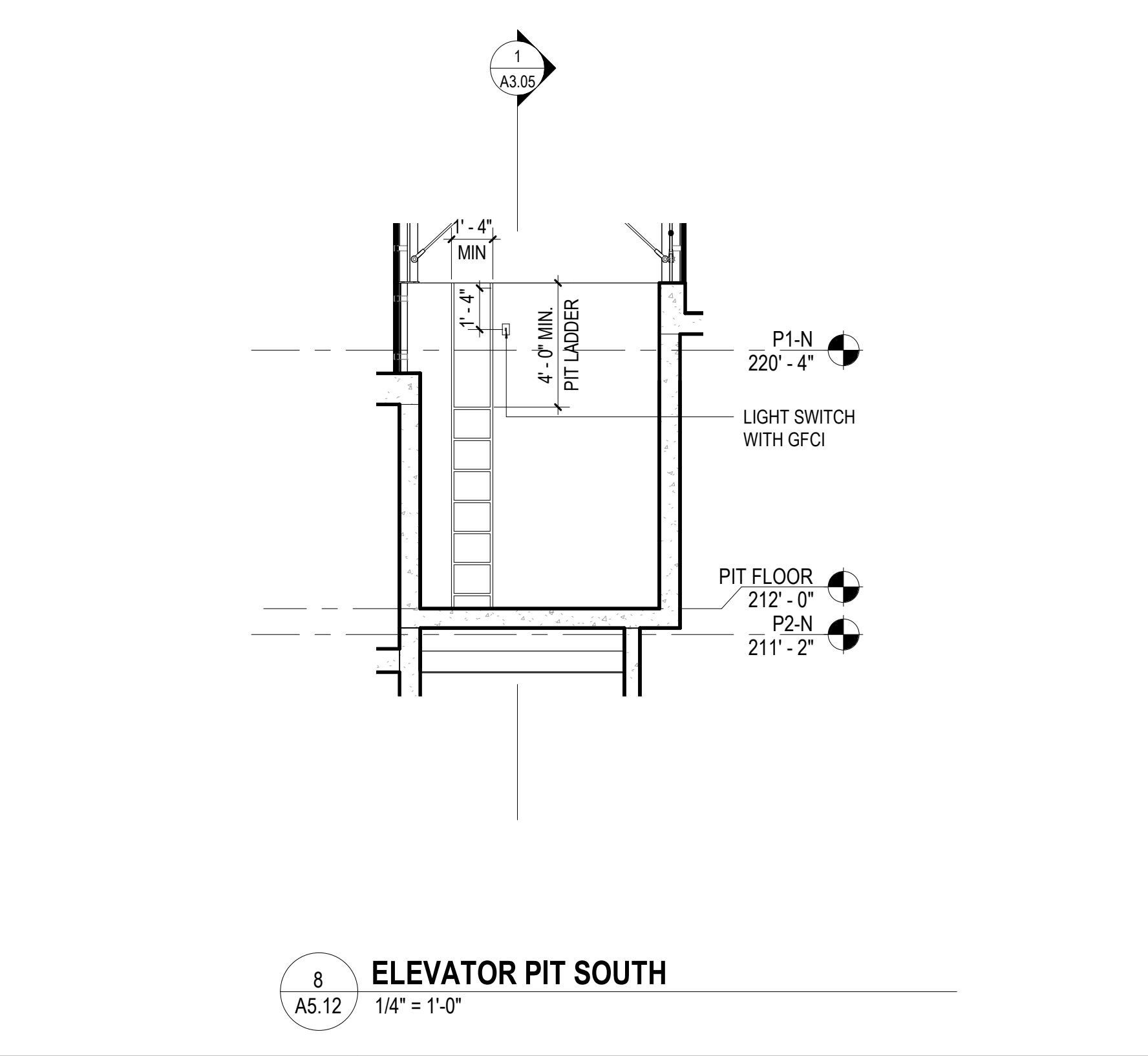
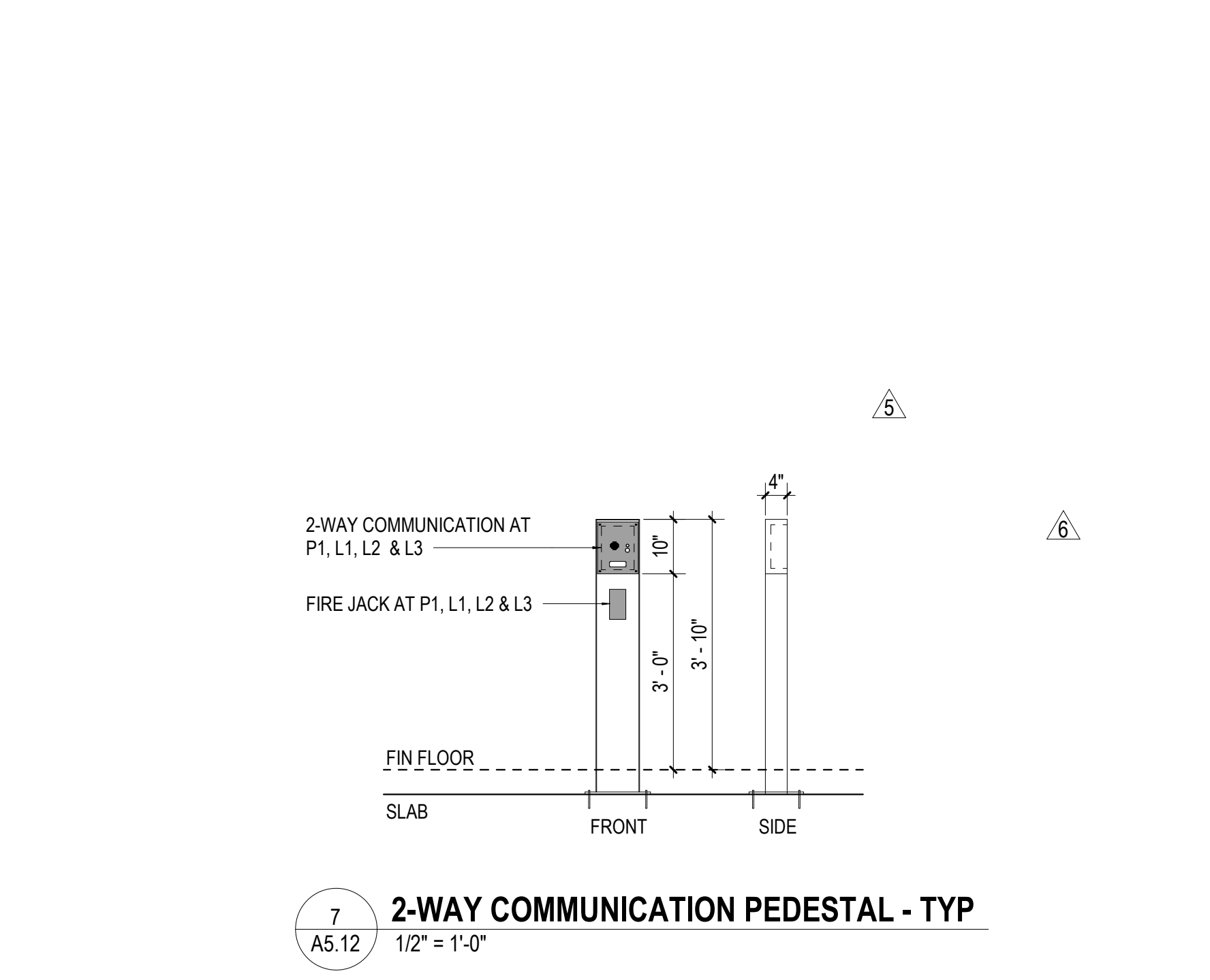
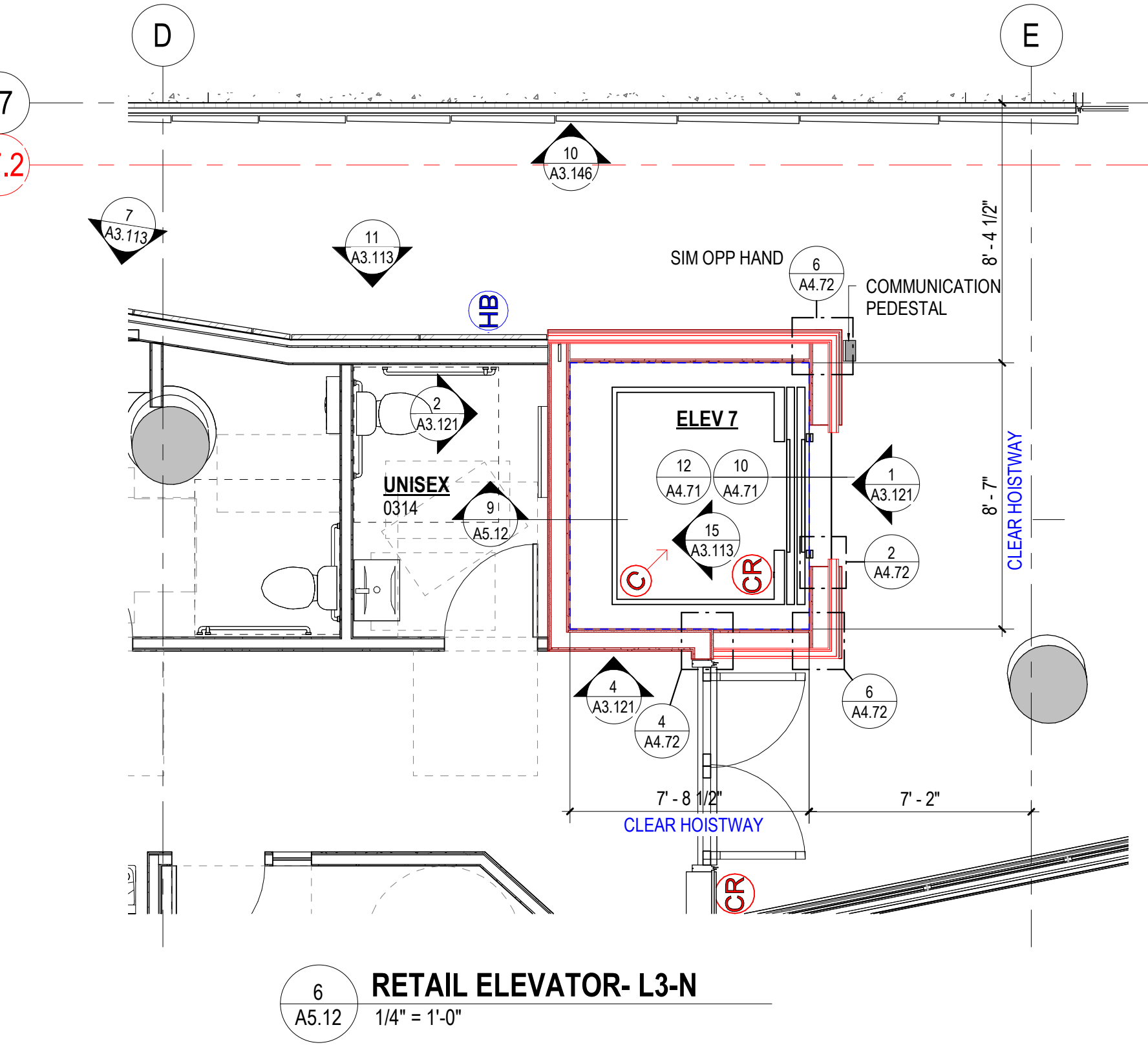
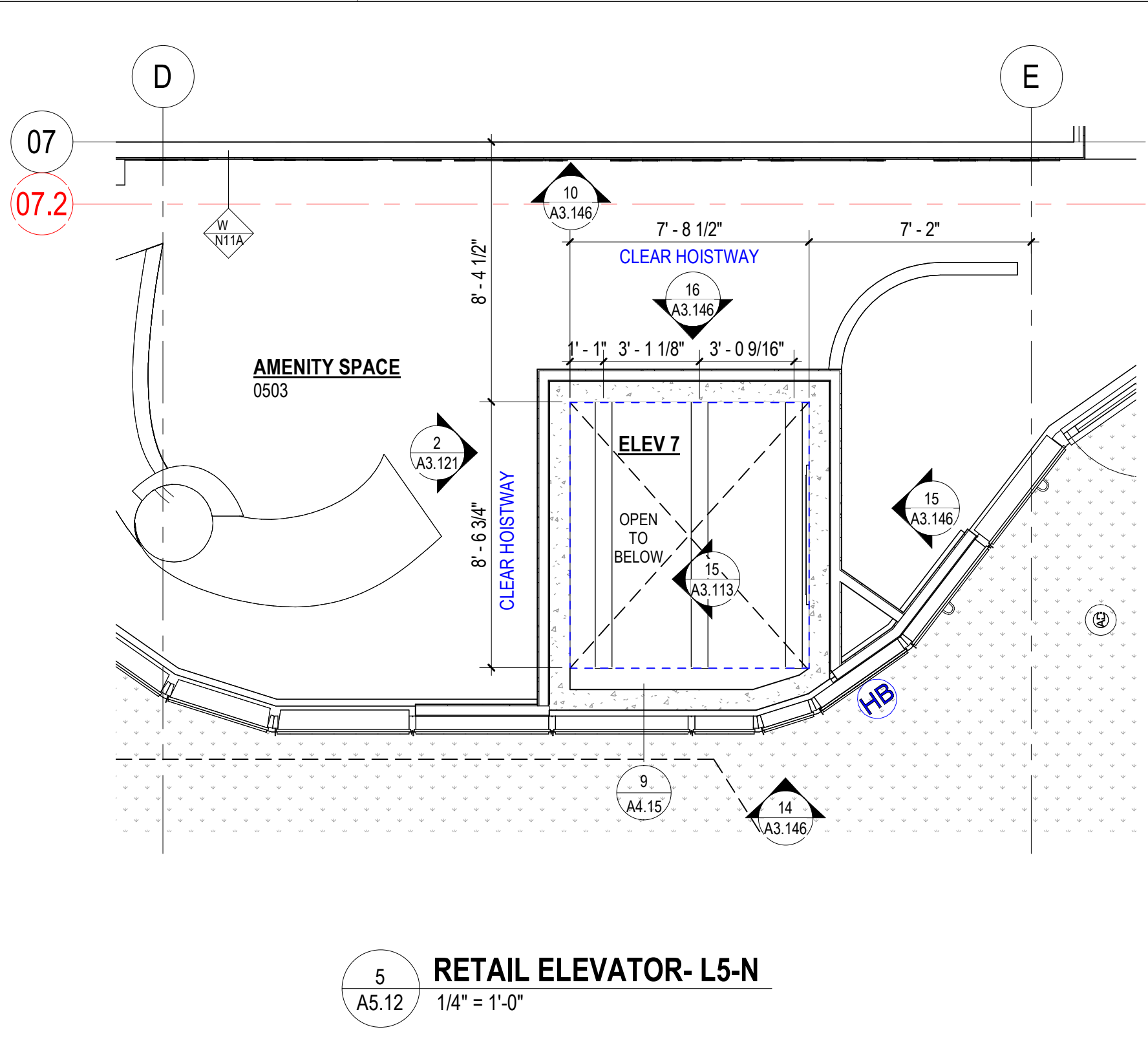
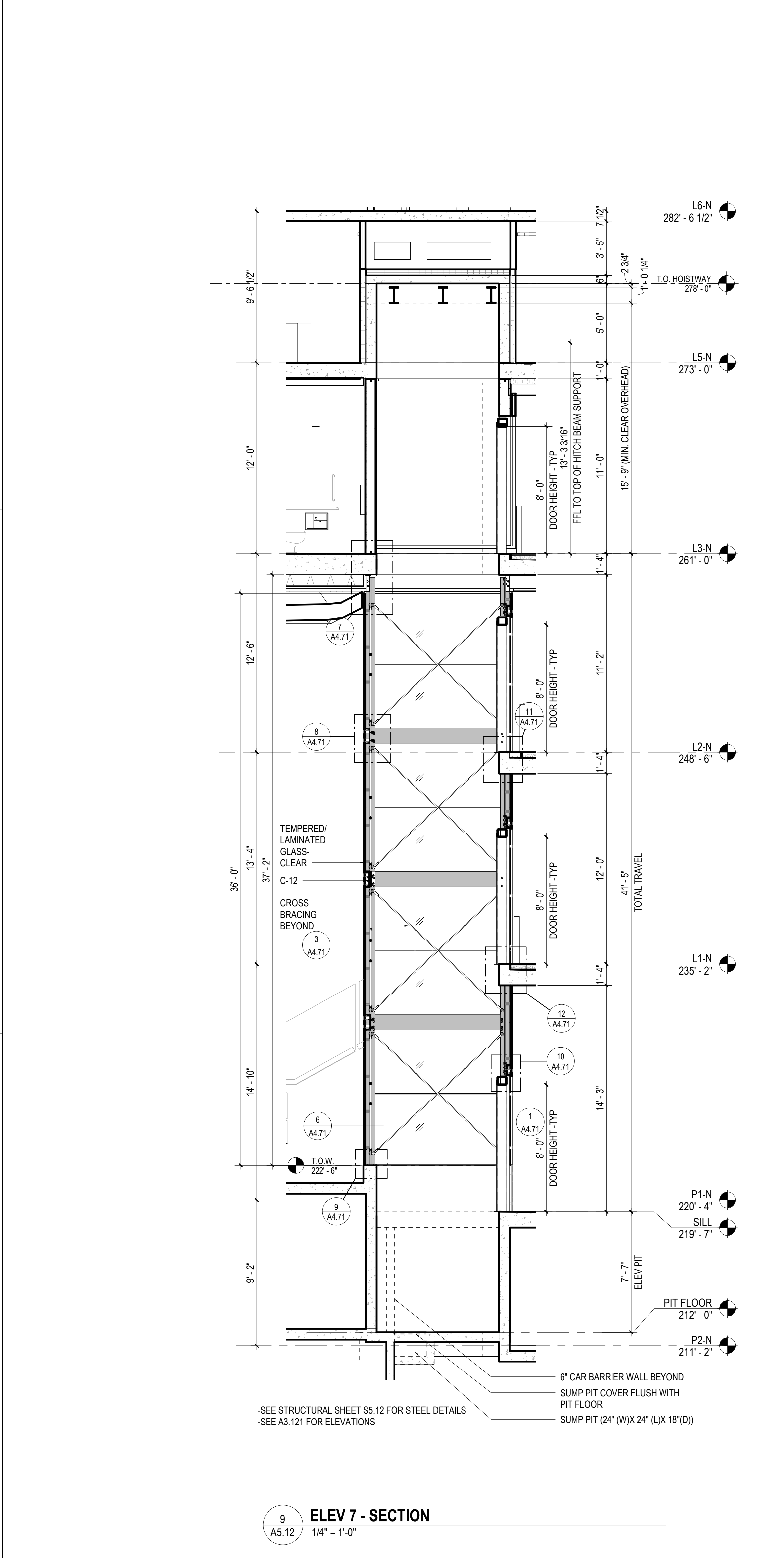
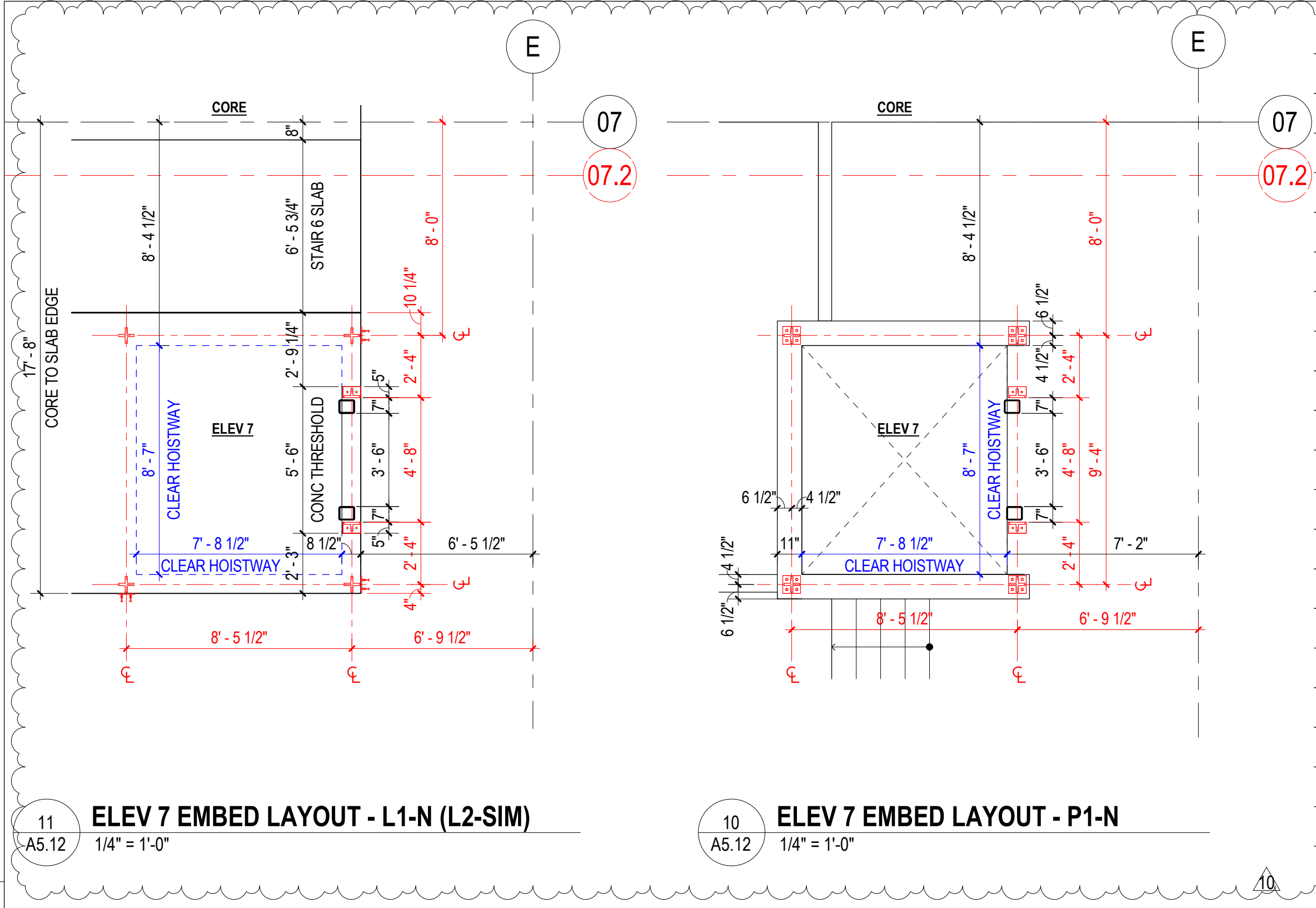
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ELEVATOR 7 DETAILS

No.	Description	Date
1	PHASE 3 PERMIT REVISION: ELEVATOR 7	08/08/23

DPD # 6769232-PH
Issue Date 08/08/23

A4.71
Sheet Number

SDCI Approval Stamp



ELEVATOR GENERAL NOTES:

- ELEVATOR 1, 2, 5 & 6 TO BE USED AS FIRE SERVICE ACCESS ELEVATOR AND FIRE DEPARTMENT EMERGENCY ACCESS ELEVATOR FOR AMBULANCE STRETCHER. PROVIDE FIRE SERVICE ACCESS ELEVATOR SYMBOL. SBC 403.6.1.5.5, FIG. 403.6.1.5.5 AND INTERNATIONAL SYMBOL FOR EMERGENCY MEDICAL SERVICES (STAR OF LIFE). SBC 3016.11. SYMBOLS TO BE PLACED ON HOISTWAY DOOR FRAME. ELEVATOR SYSTEM SHALL COMPLY WITH THE SEATTLE ENERGY CONSERVATION CODE C405.9.1
- ELEVATORS 1, 2, 5 & 6 ARE REQUIRED TO COMPLY WITH THE EMERGENCY OPERATION AND SIGNALING DEVICE REQUIREMENTS OF SECTION 2.2.7 OF ASME A17.1. ADDITIONALLY, STANDBY POWER IS REQUIRED TO BE PROVIDED IN ACCORDANCE WITH SBC 2015 SEC 1009.4 AND NFPA 70
- A TWO-WAY COMMUNICATION SYSTEM SHALL BE PROVIDED AT THE ELEVATORS LANDING ON ALL ELEVATOR LANDINGS (OTHER THAN AT THE LEVEL OF EXIT DISCHARGE)
 - 1009.8.1 SYSTEM REQUIREMENTS. TWO-WAY COMMUNICATION SYSTEMS SHALL PROVIDE COMMUNICATION BETWEEN EACH REQUIRED LOCATION AND THE FIRE COMMAND CENTER OR A CENTRAL CONTROL POINT LOCATION APPROVED BY THE FIRE DEPARTMENT. WHERE THE CENTRAL CONTROL POINT IS NOT CONSTANTLY ATTENDED, A TWO-WAY COMMUNICATION SYSTEM SHALL HAVE A TIED AUTOMATIC TELEPHONE DIAL-OUT CAPABILITY TO A MONITORING LOCATION OR 9-1-1. THE TWO-WAY COMMUNICATION SYSTEM SHALL INCLUDE BOTH AUDIBLE AND VISIBLE SIGNALS. WA STATE AMENDMENTS REQUIRE THE TWO-WAY COMMUNICATION SYSTEM SHALL HAVE A BATTERY BACKUP OR AN APPROVED ALTERNATE SOURCE OF POWER THAT IS CAPABLE OF 90 MINUTES USE UPON FAILURE OF THE NORMAL POWER SOURCE.
 - 1009.8.2 DIRECTIONS. DIRECTIONS FOR THE USE OF THE TWO-WAY COMMUNICATION SYSTEM, INSTRUCTIONS FOR SUMMONING ASSISTANCE VIA THE TWO-WAY COMMUNICATION SYSTEM AND WRITTEN IDENTIFICATION OF THE LOCATION SHALL BE POSTED ADJACENT TO THE TWO-WAY COMMUNICATION SYSTEM.
- SBC 3022 ASME 2.2.2.2 IN ELEVATORS THAT ARE FIRE SERVICE ACCESS OR OCCUPANT EVACUATION ELEVATORS, A DRAIN OR SUMP PUMP SHALL BE PROVIDED IN THE AREA OF THE PIT THAT SERVES THOSE ELEVATORS. THE SUMP PUMP/DRAIN SHALL HAVE THE CAPACITY TO REMOVE A MIN. OF 11.4 MGD (2,000 GPM) PER HOISTWAY
- SBC 3021 ASME 2.1.3.3 FLOORS OF HOISTWAYS, CONTROL ROOMS AND MACHINE ROOMS SHALL HAVE A COATED CONCRETE OR METAL SURFACE WITHOUT PENETRATIONS THAT WILL RESIST ABSORPTION OF OIL, GREASE AND SIMILAR MATERIALS. CONTROL ROOMS SHALL HAVE FLOORS THAT COVER THE ENTIRE AREA OF THE ROOM.
- WAC 296-96-02465 ELEVATOR CONTROL ROOM AND CONTROL SPACE ACCESS DOORS SHALL BE PROVIDED WITH A SIGN THAT READS "ELEVATOR EQUIPMENT ROOM AUTHORIZED PERSONNEL ONLY". THE SIGN SHALL BE LOCATED 8" ABOVE FFL. LETTERING SHALL NOT BE LESS THAN 0.375 IN IN HEIGHT AND SHALL CONTRAST WITH THE BACKGROUND. THE TEMPERATURE AND HUMIDITY SHALL COMPLY WITH ASME A17.1.2.1.4 AND SECTION 713.1.4. CONTROL OF SMOKE AND HOT GASES IN ELEVATOR HOISTWAY.
- SBC 3016.3 COMPLY WITH SEISMIC REQUIREMENTS.
- ASME SECTION 2.4 AND 3.4. PROVIDE PROPER TOP CAR RUNWAYS, CLEARANCES AND REFUGE SPACE.
- ASME RULE 2.1.1.2 AND 2.1.1.4. GROUT ALL MASONRY JAMBS AND HEADERS TO RETAIN FIRE RATINGS OF HOISTWAY. IN OTHER THAN MASONRY, PROVIDE LABELED ENTRANCE ASSEMBLIES INSTALLED AS TESTED.
- SBC 3020. GROUT BEHIND ALL HOISTWAY PENETRATIONS FOR PIPES, FITTINGS, ETC.
- SBC 3016.5.4 VENTILATION AND PRESSURIZATION EQUIPMENT, DUCTS, ETC. CANNOT BE LOCATED IN ELEVATOR MACHINE ROOMS, HOISTWAYS, OR SPACES.
- ASME RULES 2.1.1.2 AND 2.1.1.4.8 GLASS USED IN OR ON ELEVATOR HOISTWAYS AND CARS MUST BE LAMINATED AND MEET THE REQUIREMENTS OF ASME 2.97.
- SBC 106 PROVIDE CALCULATIONS AND DRAWINGS TO SDCI FOR APPROVAL OF THE STRESSES AS NOTED IN THE APPLICABLE RULES OF ASME SECTION 2.9.
- ASME SECTION 2.6. PROVIDE CALCULATIONS TO SDCI FOR APPROVAL OF THE ABILITY OF THE PIT FLOOR AND STRUCTURE TO WITHSTAND THE ELEVATOR BUFFER ENGAGEMENT REACTIONS.
- ASME 2.2.7.1. PROVIDE MEANS OF TWO-WAY CONVERSATION BETWEEN EACH ELEVATOR AND A READILY ACCESSIBLE POINT (MAIN ELEVATOR LOBBY) OUTSIDE THE HOISTWAY.
- ASME 2.2.7.1.1.2 THIS STRUCTURE IS CONSIDERED AS UNATTENDED, AND AN ADDITIONAL EMERGENCY SIGNALING DEVICES SHALL BE PROVIDED (PHONE TO ANSWERING SERVICE).
- ASME 2.2.7.1.1.5 PROVIDE AN EMERGENCY POWER SUPPLY FOR THE DEVICES REQUIRED BY 2.2.7.1. THE SUPPLY SHALL BE CAPABLE OF OPERATING THE AUDIBLE DEVICE FOR AT LEAST ONE HOUR AND THE MEANS OF A TWO-WAY CONVERSATION FOR AT LEAST FOUR HOURS.
- SBC 3016.9 INSTALL APPROVED KEY RETAINER BOX, KEYED TO THE SECURE CITY KEY.
- SBC 3016.10 KEYS REQUIRED FOR THE OPERATION OF ELEVATOR, FIRE EMERGENCY SERVICE, THE MACHINE ROOM AND THE MECHANICAL HOISTWAY ACCESS KEY SHALL BE TAGGED AND KEPT IN THE KEY BOX. SEE ELEVATOR CODE SECTION ON SHEET 40.12
- SBC 403.6.1.7 PROTECTION OF WIRING AND CABLES WIRES OR CABLES THAT ARE LOCATED OUTSIDE ELEVATOR HOISTWAY AND MACHINE ROOM AND THAT PROVIDE NORMAL OR EMERGENCY POWER, CONTROL SIGNALS, COMMUNICATION WITH THE CAR, LIGHTING, HEATING, AIR CONDITIONING, VENTILATION, FIRE DETECTING SYSTEMS TO FIRE SERVICE ACCESS ELEVATORS SHALL BE PROTECTED BY CONSTRUCTION HAVING A FIRE RATING OF NOT LESS THAN 2 HRS OR SHALL BE PROTECTED BY A LISTED ELECTRICAL PROTECTIVE SYSTEM HAVING A FIRE RESISTANCE RATING OF NOT LEAST 2 HRS.
- ASME 2.2.2.2 FIXED VERTICAL LADDER OF NON COMBUSTIBLE MATERIAL LOCATED WITHIN REACH OF ACCESS DOOR. LADDER IS PERMITTED TO BE RETRACTABLE OR NON RETRACTABLE.
- ASME 2.2.4.2.1 THA LADDER SHALL EXTEND NOT LESS THAN 48" ABOVE THE SILL OF THE ACCESS DOOR.
- ASME 2.2.4.2.2 THE LADDER RUNG OR STEPS SHALL BE MIN. 16" WIDE.
- ASME 2.2.4.2.3 THE LADDER RUNGS, CLEATS OR STEPS SHALL BE SPACED 12" ON CENTER. SHALL BE PROVIDED TO NOT LESS THAN THE HEIGHT OF ACCESS DOOR SILL. SHALL BE DESIGNED TO MINIMIZE SLIPPING.
- ASME 2.2.4.2.4 A CLEAR DIST BETWEEN CENTERLINE OF RUNGS/ STEPS TO BACK WALL SHALL BE NOT LESS THAN 4.5".
- ASME 2.2.4.2.6 LADDER SHALL SUSTAIN LOAD OF 300 LB

EMERGENCY RECALL OPERATION

DESIGNATED ALTERNATE	LEVEL 1	LEVEL P1

YESLER TOWERS

ENLARGED ELEVATOR PLANS & SECTIONS - ELEVATOR 7

No.	Description	Date
1	PHASE 1 PERMIT	12.15.20
2	NORTH TOWER BG WPL/PC	03.21.21
3	NORTH TOWER BG P/C	08.15.21
4	PHASE 1 PERMIT RESUBMITTAL 01	11.02.21
5	PHASE 1 PERMIT RESUBMITTAL 02	02.04.22
6	PHASE 1 PERMIT RESUBMITTAL 03	03.22.22
7	PHASE 1 PERMIT RESUBMITTAL 04	06.15.22
8	PHASE 1 PERMIT RESUBMITTAL 05	06.15.22
9	PHASE 1 PERMIT RESUBMITTAL 06	07.21.22
10	PHASE 1 PERMIT RESUBMITTAL 07	08.03.22

DPD # 6769232-PH

Issue Date 12.11.20

A5.12

Sheet Number

SDCI Approval Stamp