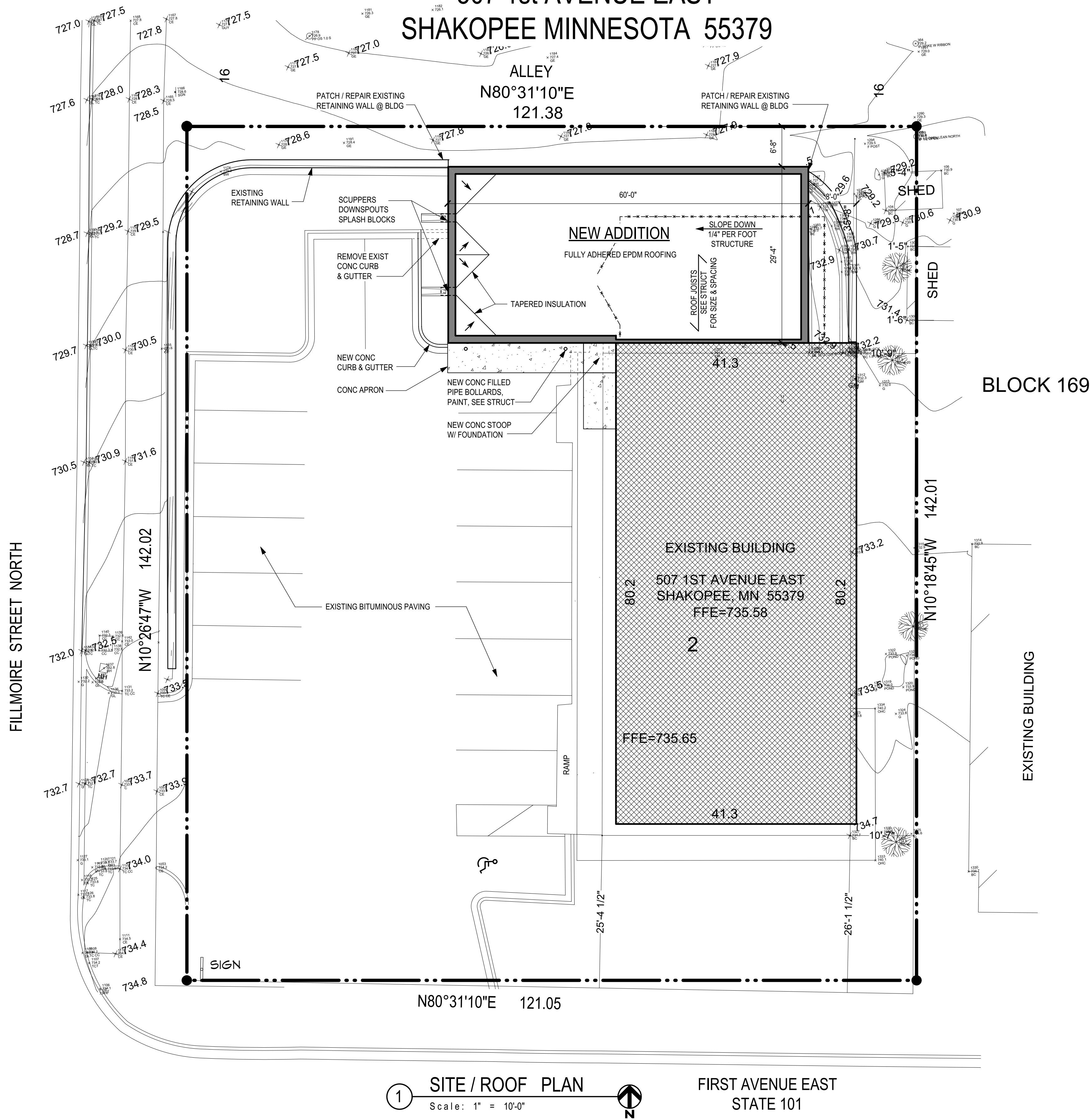


A BUILDING ADDITION FOR:

RIVERSIDE LIQUORS

507 1st AVENUE EAST
SHAKOPEE MINNESOTA 55379



CODE REVIEW

BASED ON 2015 MSBC (IBC 2012)

OCCUPANCY TYPE:	M - MERCANTILE S - STORAGE
CONSTRUCTION TYPE:	IIIB; THE EXTERIOR WALLS ARE NON-COMBUSTIBLE. WOOD CONSTRUCTION IS ALLOWED INSIDE FOR WALLS & FLOORS.
SPRINKLED:	NO
ACTUAL BUILDING AREA :	EXISTING BUILDING 3,200 S.F. ADDITION 1,760 S.F. TOTAL BLDG AREA 4,960 S.F.
ACTUAL BUILDING HEIGHT:	1 STORY
ALLOWABLE BUILDING AREA :	M = 12,500 SF S2 = 26,000 SF NON-SEPARATED USES PER 508.3.1
ALLOWABLE NUMBER OF STORIES:	2
OCCUPANT LOAD :	MERCANTILE: 1,852 SF @ 30 SF/OCC. = 61.73 OCCS. STORAGE: 2,831 SF @ 300 SF/OCC. = 9.43 OCCS. TOTAL OCCUPANT LOAD: 4,683 SF 71.16 OCCS.

PLUMBING FIXTURE REQUIREMENTS :

MERCANTILE WC:	1 : 500 MALE & FEMALE 61.73 OCCS. / 2 = 30.87 MALE & 30.87 FEMALE OCCS. 30.87 / 500 = .06 WC REQUIRED MALE & FEMALE
MERCANTILE LAV:	1 : 750 MALE & FEMALE 61.73 OCCS. / 2 = 30.87 MALE & 30.87 FEMALE OCCS. 30.87 / 750 = .04 LAV REQUIRED MALE & FEMALE
STORAGE WC:	1 : 100 MALE & FEMALE 9.43 / 2 = 4.72 MALE & 4.72 FEMALE OCCS. 4.72 / 100 = .05 WC REQUIRED MALE & FEMALE
STORAGE LAV:	1 : 100 MALE & FEMALE 9.43 / 2 = 4.72 MALE & 4.72 FEMALE OCCS. 4.72 / 100 = .05 LAV REQUIRED MALE & FEMALE

WC REQUIRED: .06 + .05 = .11 = 1 WC REQUIRED MALE & FEMALE
WC PROVIDED: 1 WC PROVIDED MALE & FEMALE, O.K.

LAV REQUIRED: .04 + .05 = .09 = 1 LAV REQUIRED MALE & FEMALE
LAV PROVIDED: 1 LAV PROVIDED MALE & FEMALE, O.K.

SERVICE SINK NOT PROVIDED
HI-LOW EWC NOT PROVIDED

WORK IN EXISTING RETAIL #106 (PRIMARY FUNCTION AREA) IS LIMITED TO EQUIPMENT INSTALLATION, CLOSURE WALLS.
ACTUAL SALES AREA ACTUALLY DECREASES.

THE STORAGE ADDITION IS NOT A "PRIMARY FUNCTION". THEREFORE THE 20% RULE (MM ACCESSIBILITY CODE 1112.7)
WOULD NOT BE TRIGGERED BY THE ADDITION.

THE OWNER HAS INDICATED THAT THEY DO NOT WISH PURSUE BARRIER REMOVAL AS PART OF THIS PROJECT IF NOT REQUIRED.
IF REQUIRED BARRIER REMOVAL SHOULD BE ACCOMPLISHED PER MM ACCESSIBILITY CODE 1112.7.1.

INDEX OF DRAWINGS

	ARCHITECTURAL
A1	SITE PLAN, CODE ANALYSIS
A2	FLOOR PLAN
A3	EXTERIOR ELEVATIONS
A4	DOOR SCHEDULE, DOOR & WINDOW TYPES, WALL SECTION & DETAILS
A5	WALL SECTIONS
	STRUCTURAL
S0.1	STRUCTURAL NOTES
S2.1	FOUNDATION PLAN
S2.2	ROOF FRAMING PLAN
S3.1	STRUCTURAL WALL SECTIONS
S3.2	STRUCTURAL PLANS & DETAILS
S4.1	STRUCTURAL DETAILS

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I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION,
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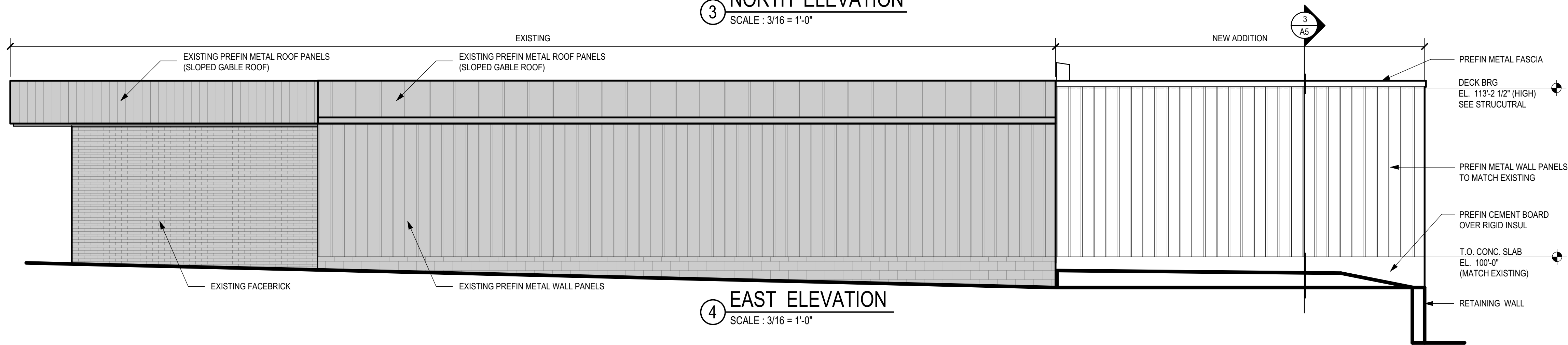
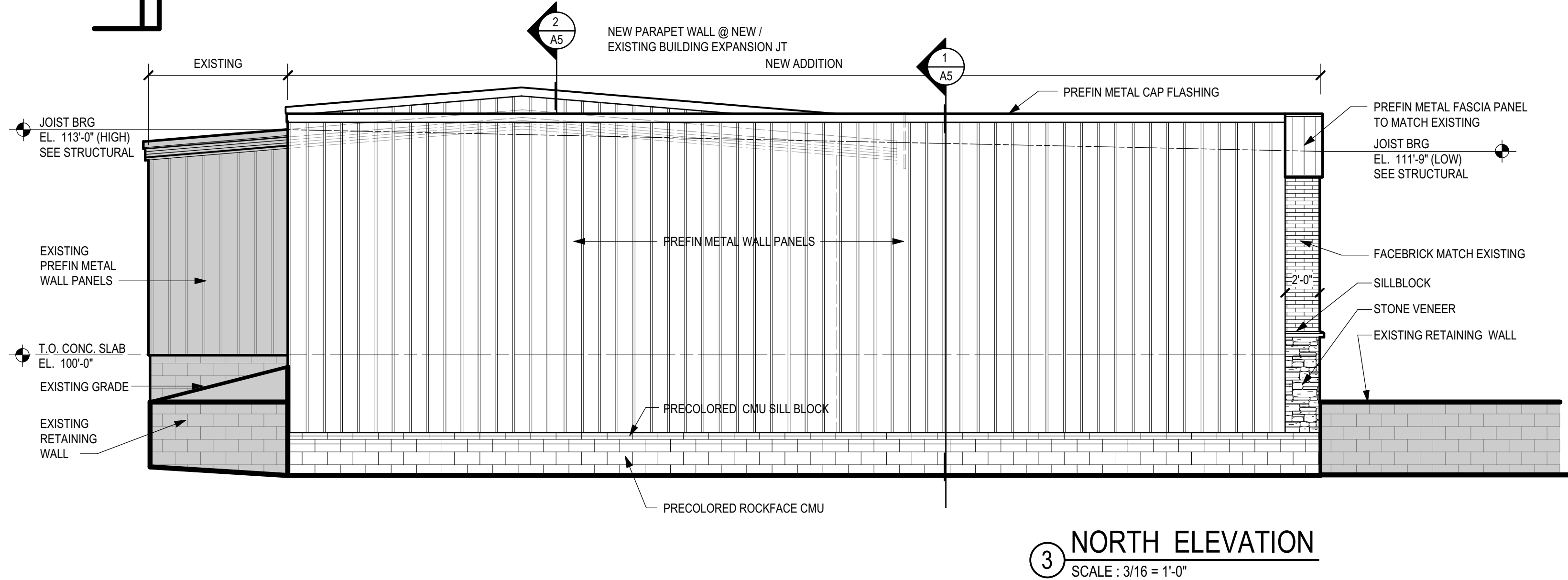
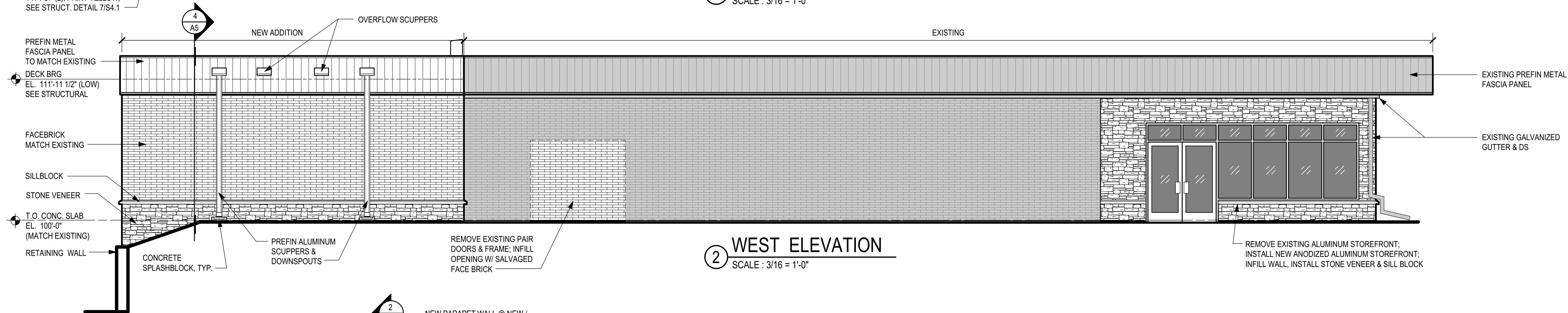
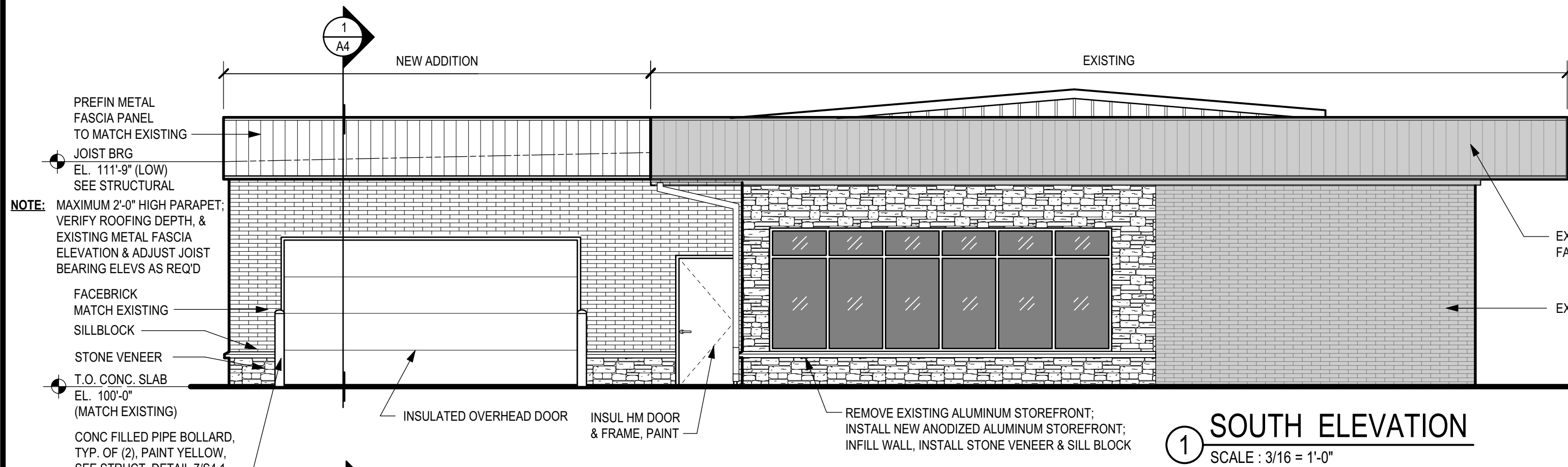
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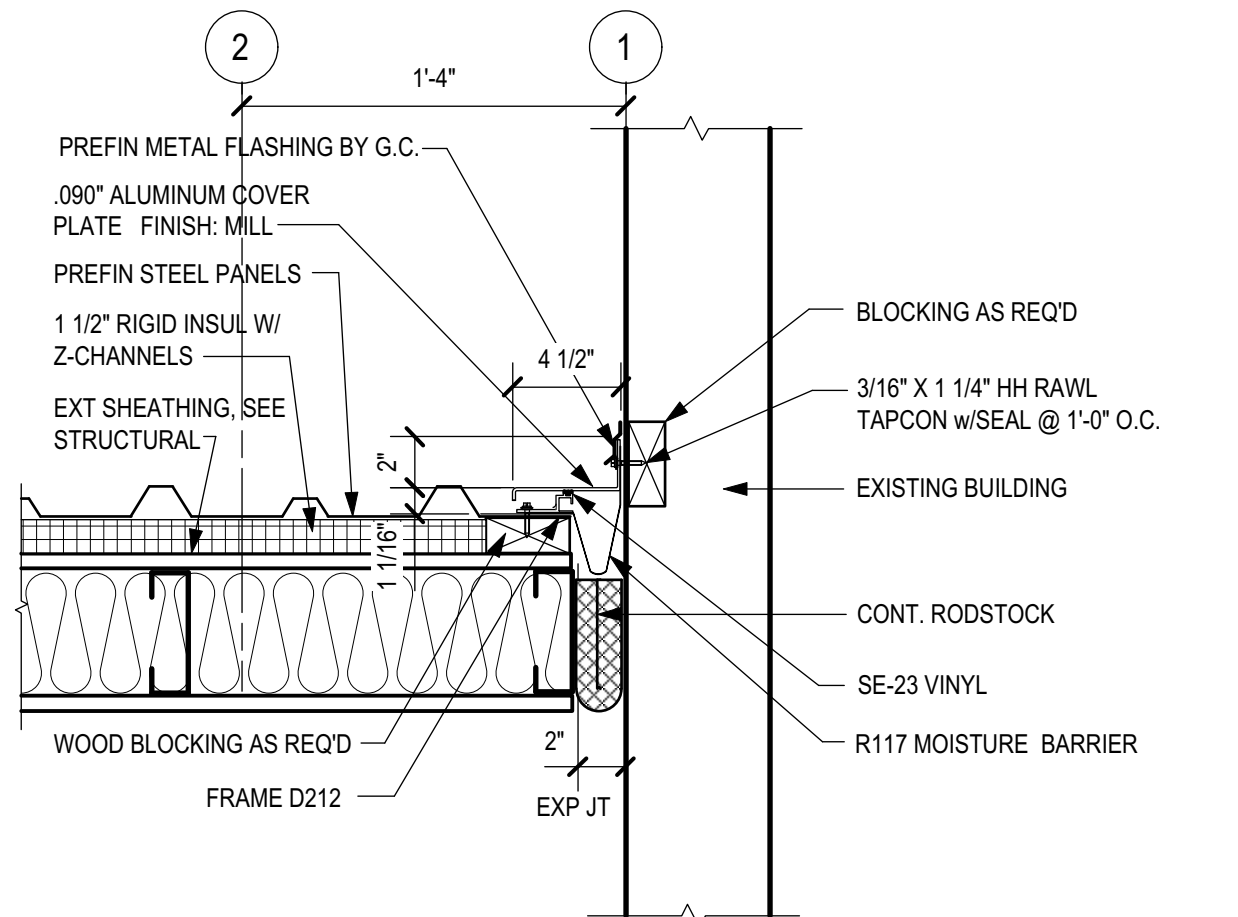
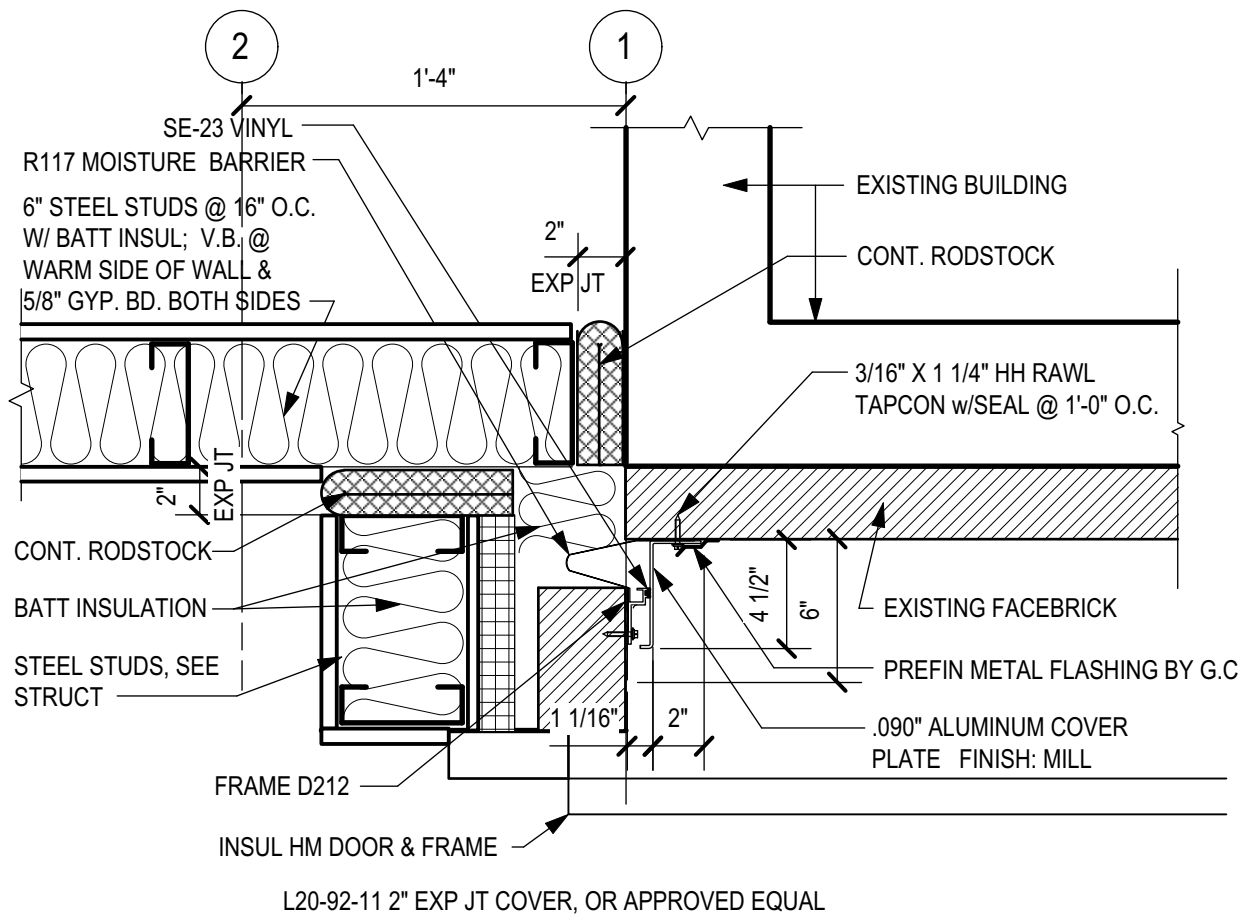
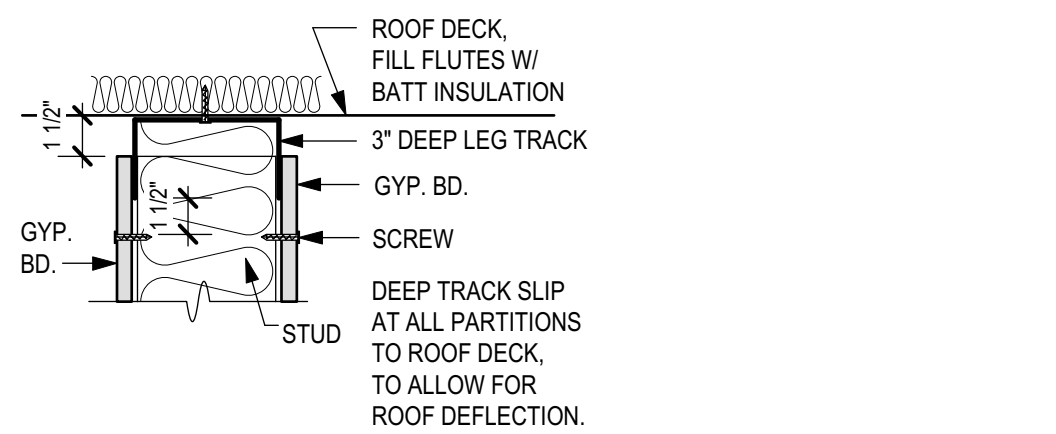
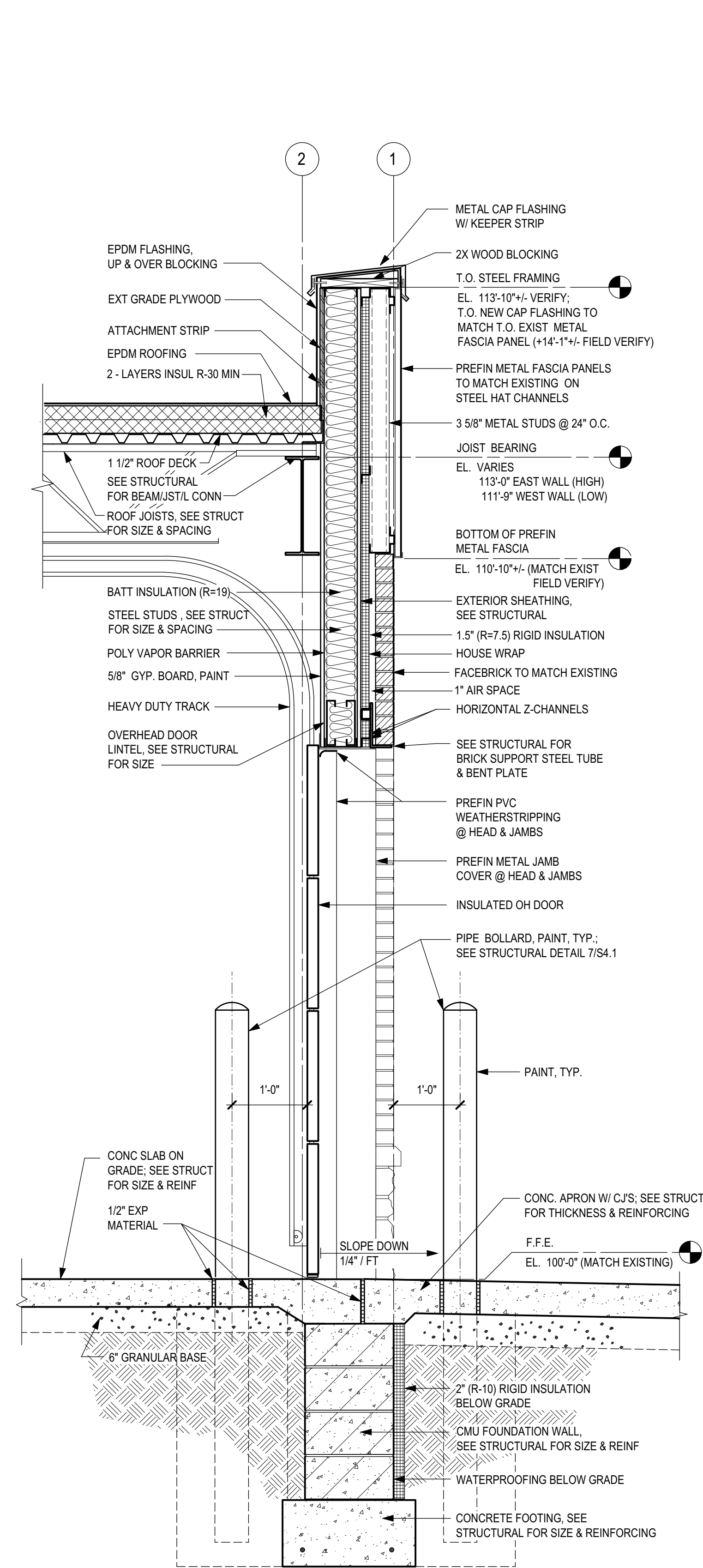
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Revisions

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Sheet	

A1





DOOR AND FRAME SCHEDULE

DOOR#	PR	DOORS					FRAMES		HDW GROUP	LABEL	NOTES	
		SIZE		CONSTRUCTION			MATL.	TYPE				
												WIDTH
100	●	3'-0"	7'-0"	ALUM	A	YES	ALUM	1	1			
EX101		EXISTING								▶		
EX102		EXISTING								▶		
EX103		EXISTING								▶		
EX104	●	EXISTING								▶		
EX105		EXISTING								▶		
EX106	●	EXISTING								▶		
107		COOLER DOOR BY COOLER SUPPLIER									▶	
109	●	3'-0"	7'-0"	HM	C	NO	HM	2	3			
110A		3'-0"	7'-0"	HM	C	NO	HM	3	4			
110B		16'-0"	8'-0"	STL	D	NO	--	--	5			

HARDWARE GROUPS
LOCKSETS TO BE CYLINDRICAL,
ND SERIES, GRADE 1, ATHENS
LEVER, BY SCHLAGE OR EQ.
HARDWARE FINISH TO MATCH EXISTING

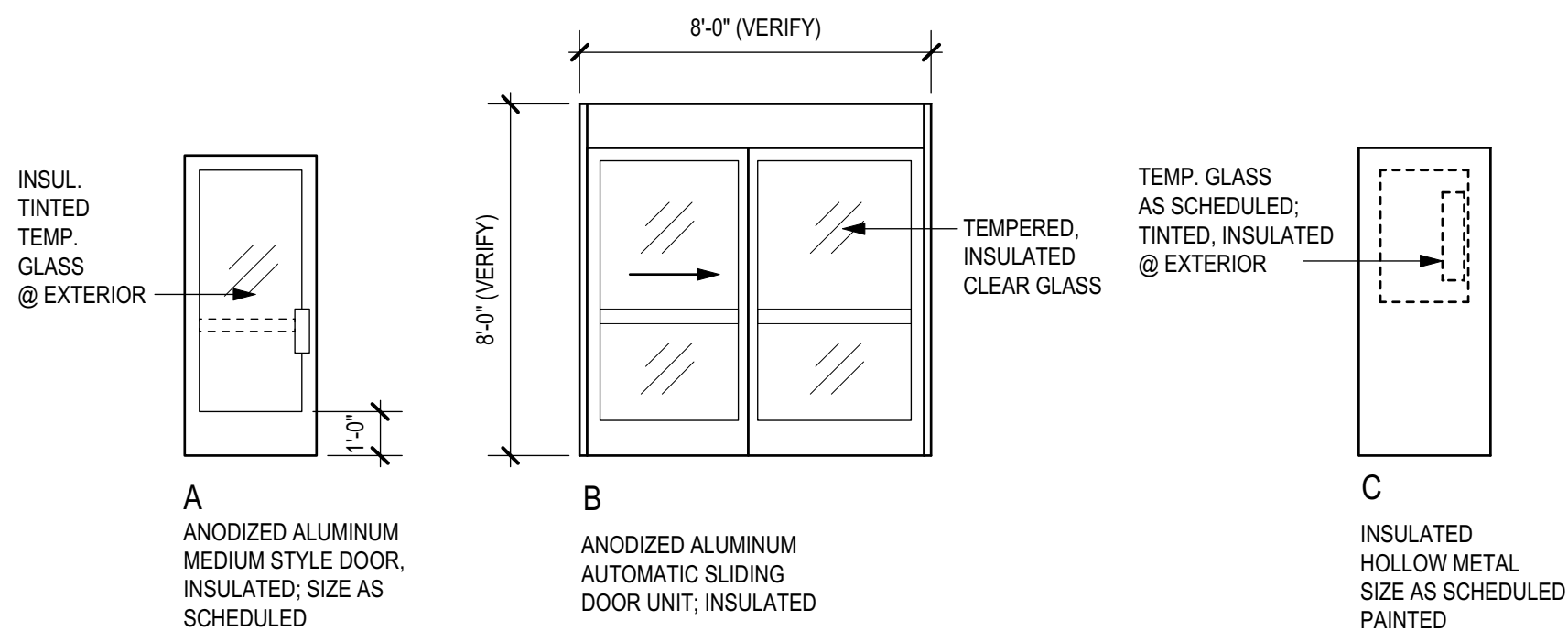
GROUP 1
3 PAIR BUTTS
(2) CLOSERS
WEATHERSTRIPPING
SWEEP
THRESHOLD
ENTRANCE EXIT DEVICE
(2) PUSH/PULL
(2) STOPS

GROUP 2
ALL HARDWARE BY
DOOR MFR

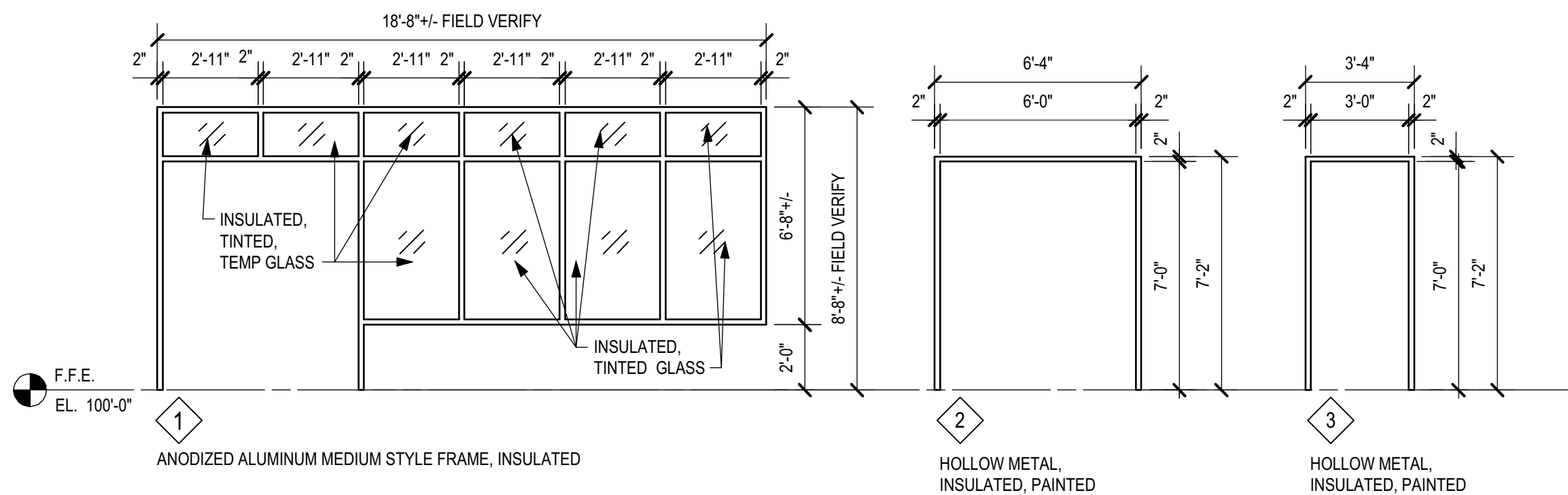
GROUP 3
3 PAIR BUTTS
OFFICE LOCKSET
(2) STOP

GROUP 4
1 1/2 PAIR BUTTS
CLOSER
WEATHERSTRIPPING
SWEEP
THRESHOLD
DRIIP
ENTRANCE EXIT DEVICE
STOP

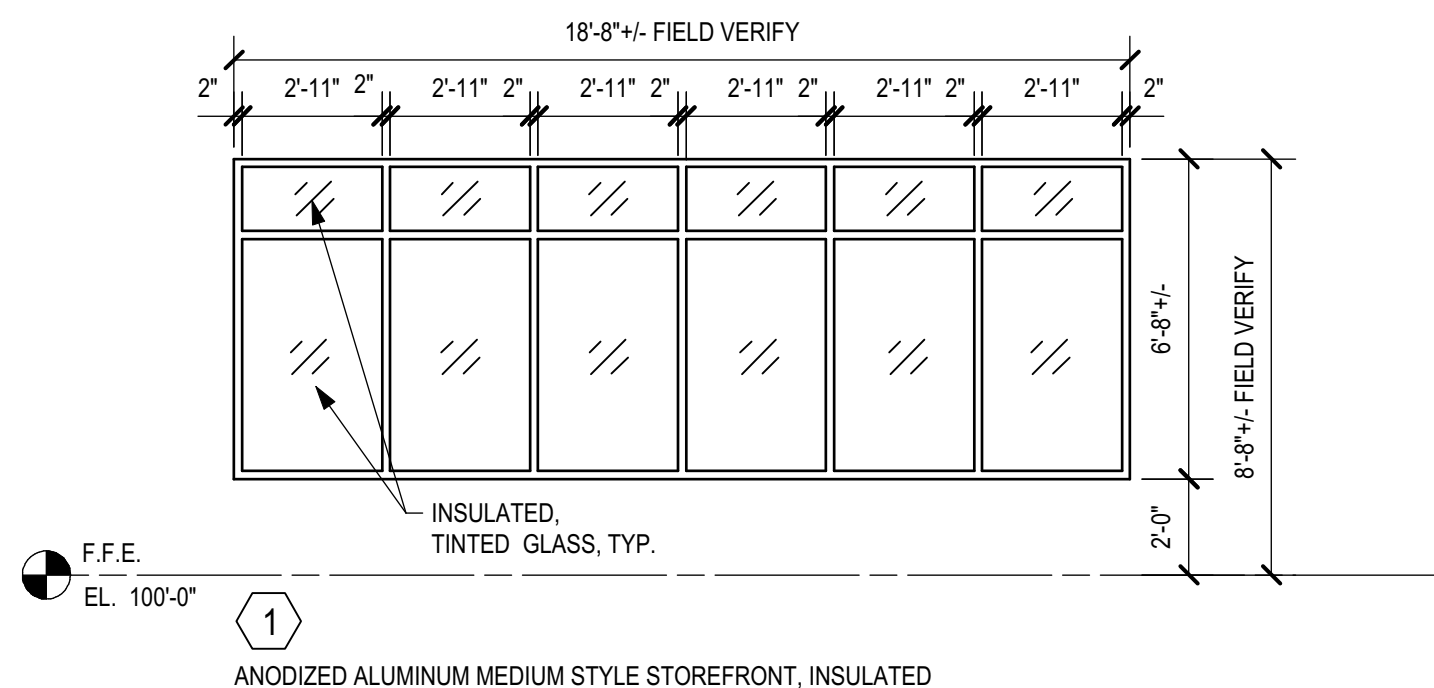
GROUP 5
ALL HARDWARE BY DOOR MFR
WEATHERSTRIPPING
AUTO OPERATOR W/ REMOTE CONTROL
HEAVY DUTY HIGH LIFT TRACK



DOOR TYPES



FRAME TYPES



WINDOW TYPES

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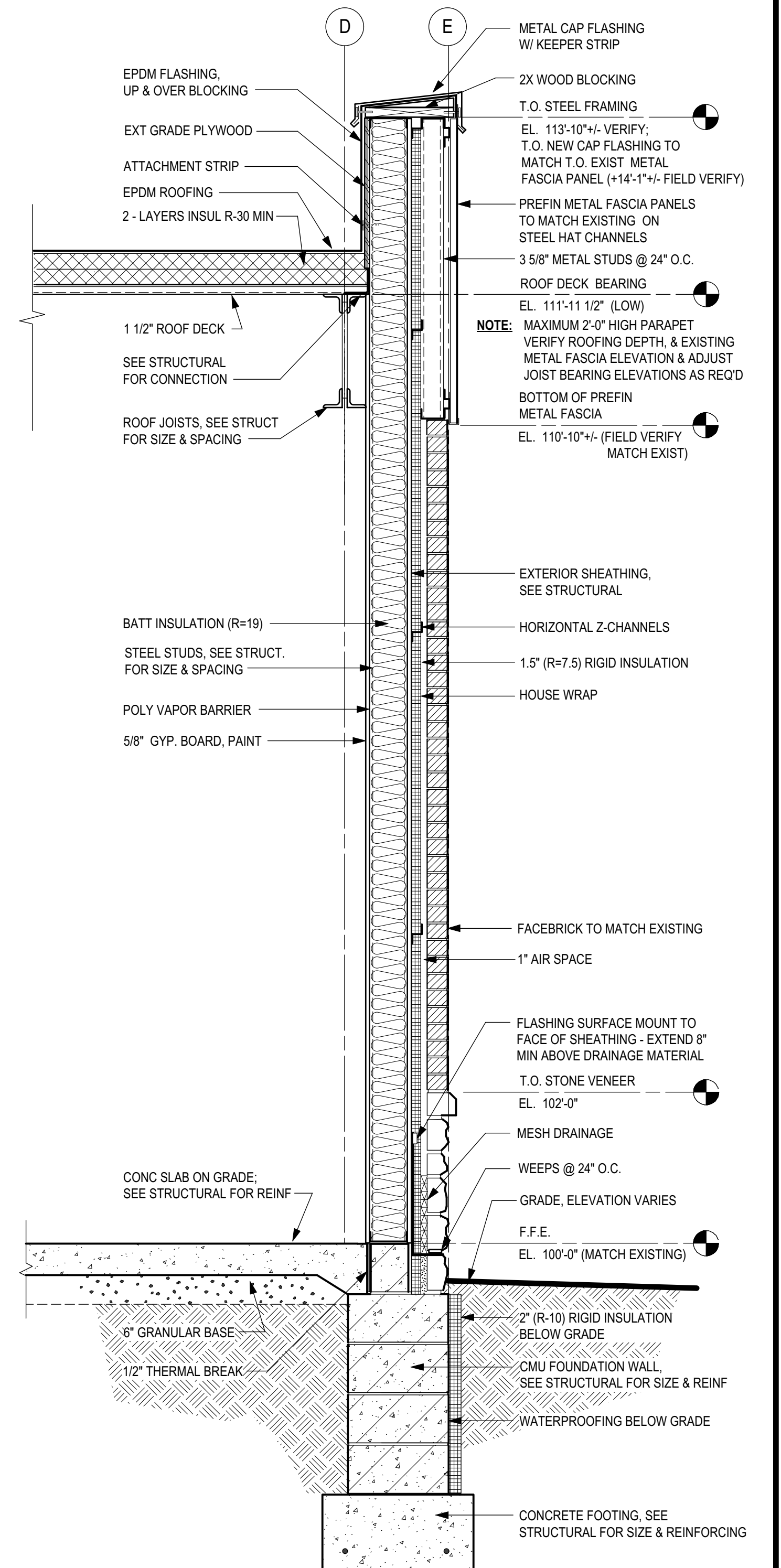
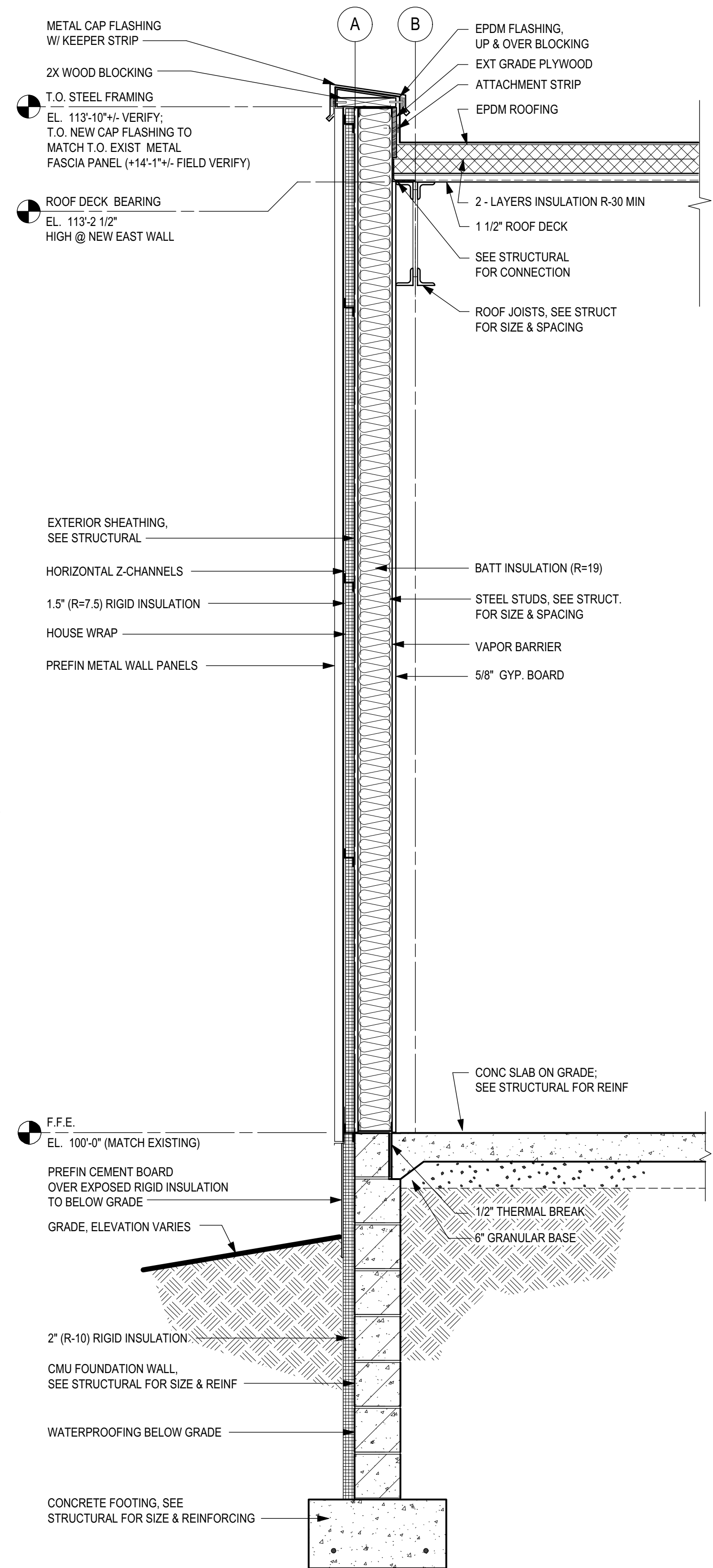
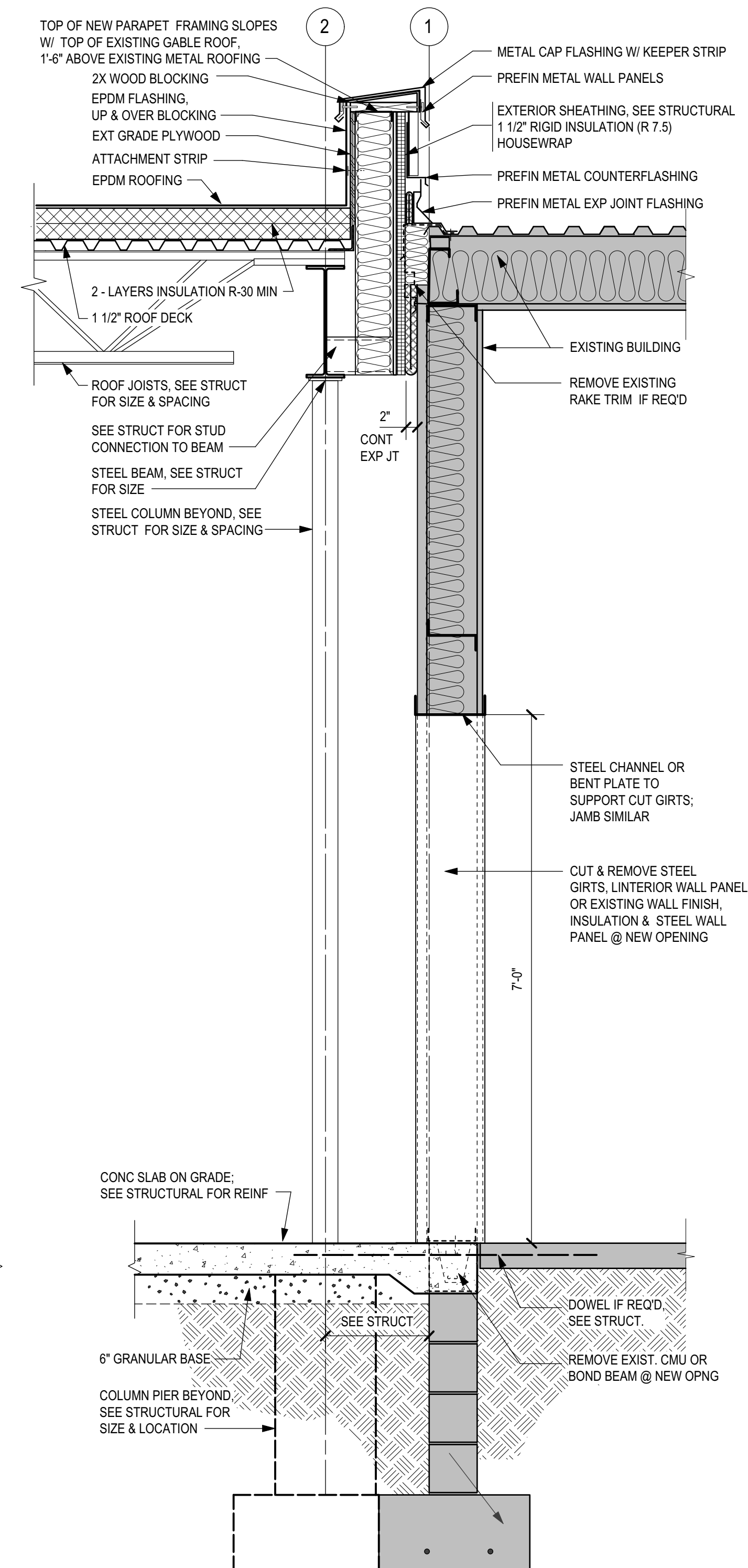
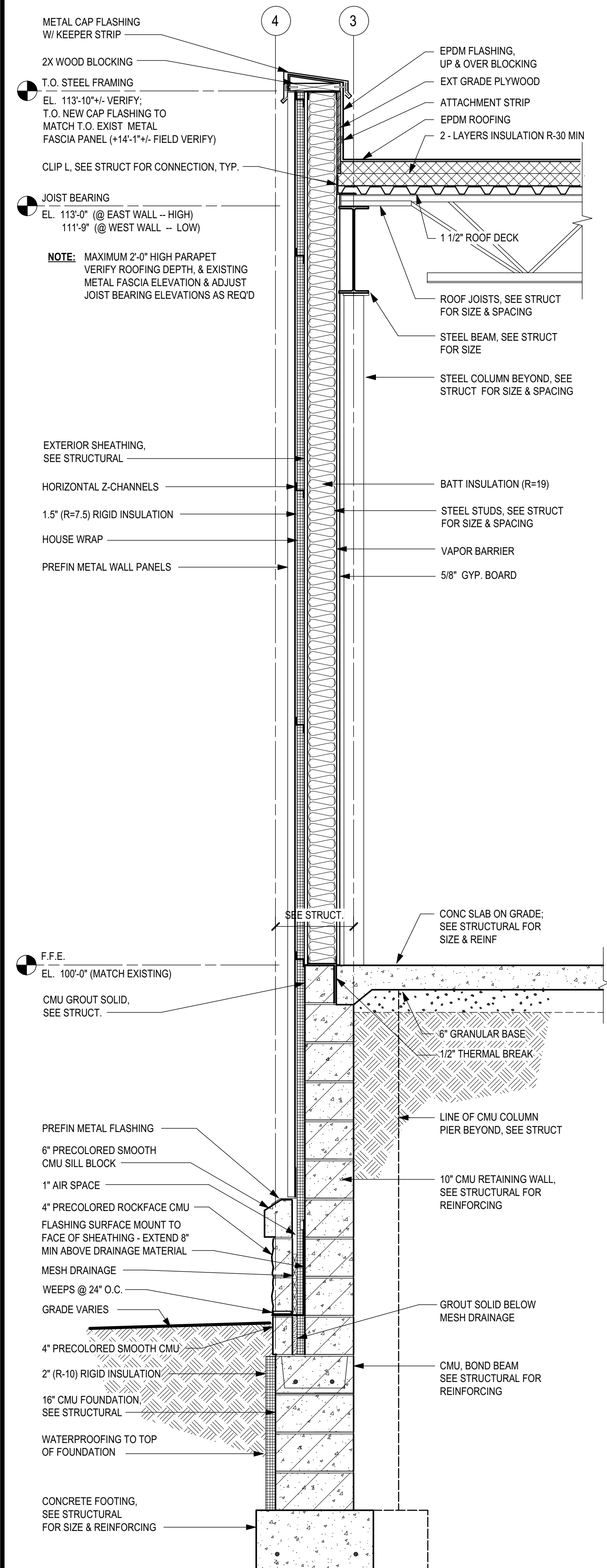
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A4



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