



QUANTUM
CONSULTING ENGINEERS

1511 THIRD AVENUE
SUITE 323
SEATTLE, WA 98101
TEL 206.957.3900
www.quantumce.com

SEAL:



PROJECT:

**LIN KICKSA
RESIDENCE**
5331 FOREST AVE SE
MERCER ISLAND, WA 98040

APPROVAL:

NO.	DESCRIPTION	DATE	BY
PERMIT SET		5/5/25	
PERMIT CORRECTIONS		9/26/25	

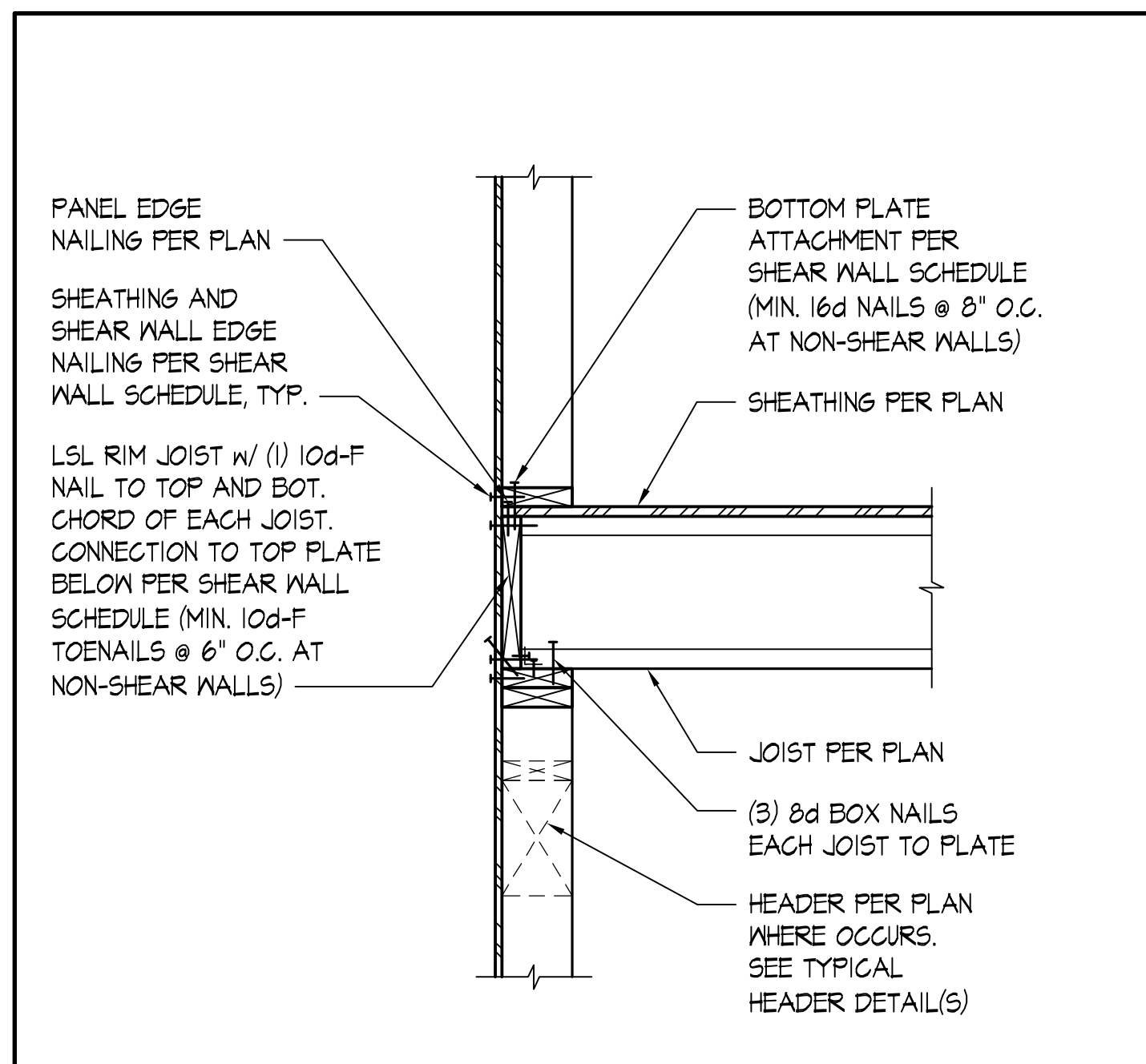
ISSUES: ○ REVISIONS: △

P.M.	SHT
P.E.	BSD
DRAWN BY:	SSN
SCALE:	AS SHOWN
DATE:	5/5/25
JOB NO.	24429.01
SHEET TITLE:	

**FLOOR
DETAILS**

SHEET NO.

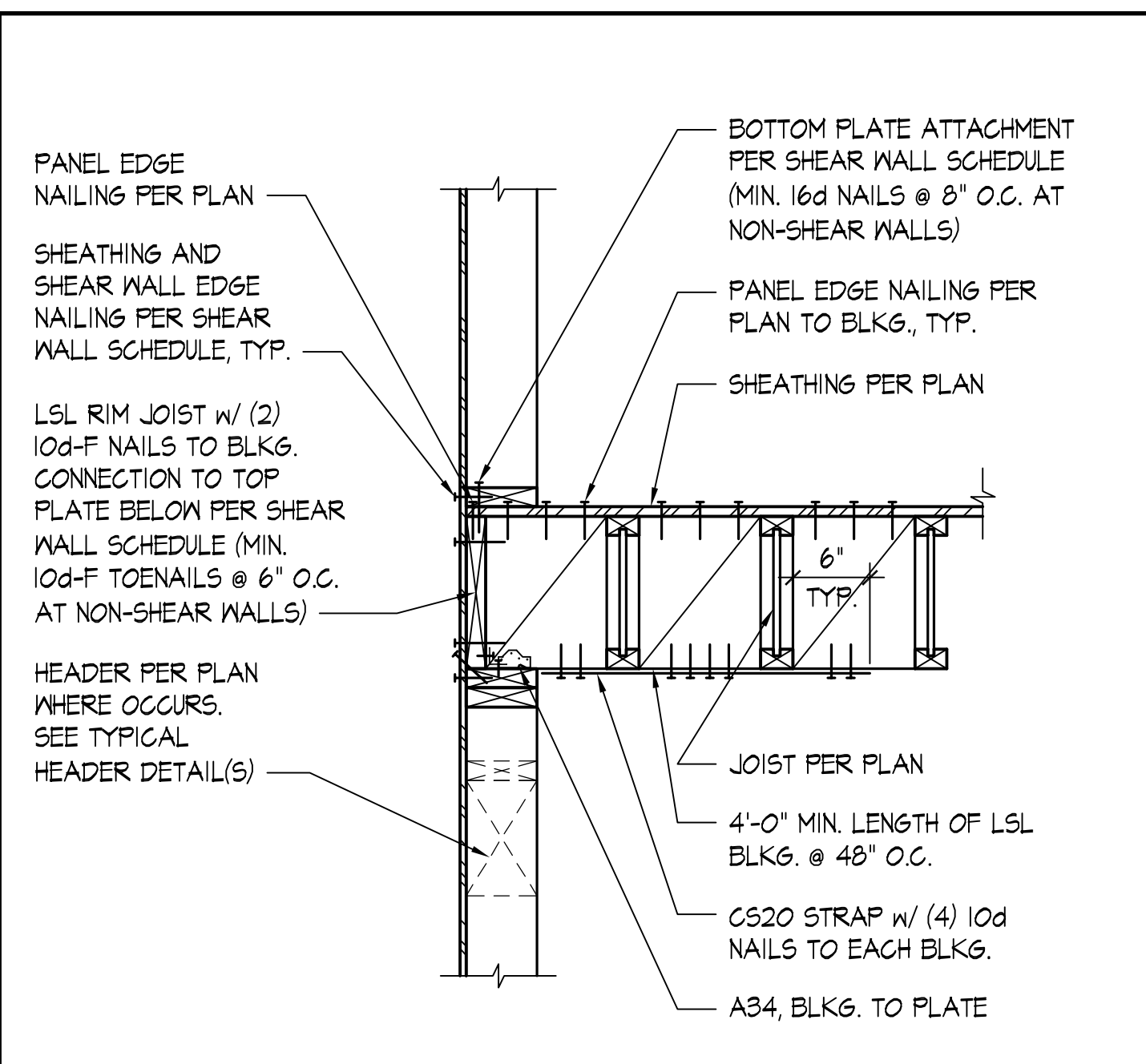
S4.2



TYPICAL EXTERIOR WALL - I-JOIST PERPENDICULAR

SCALE: NONE

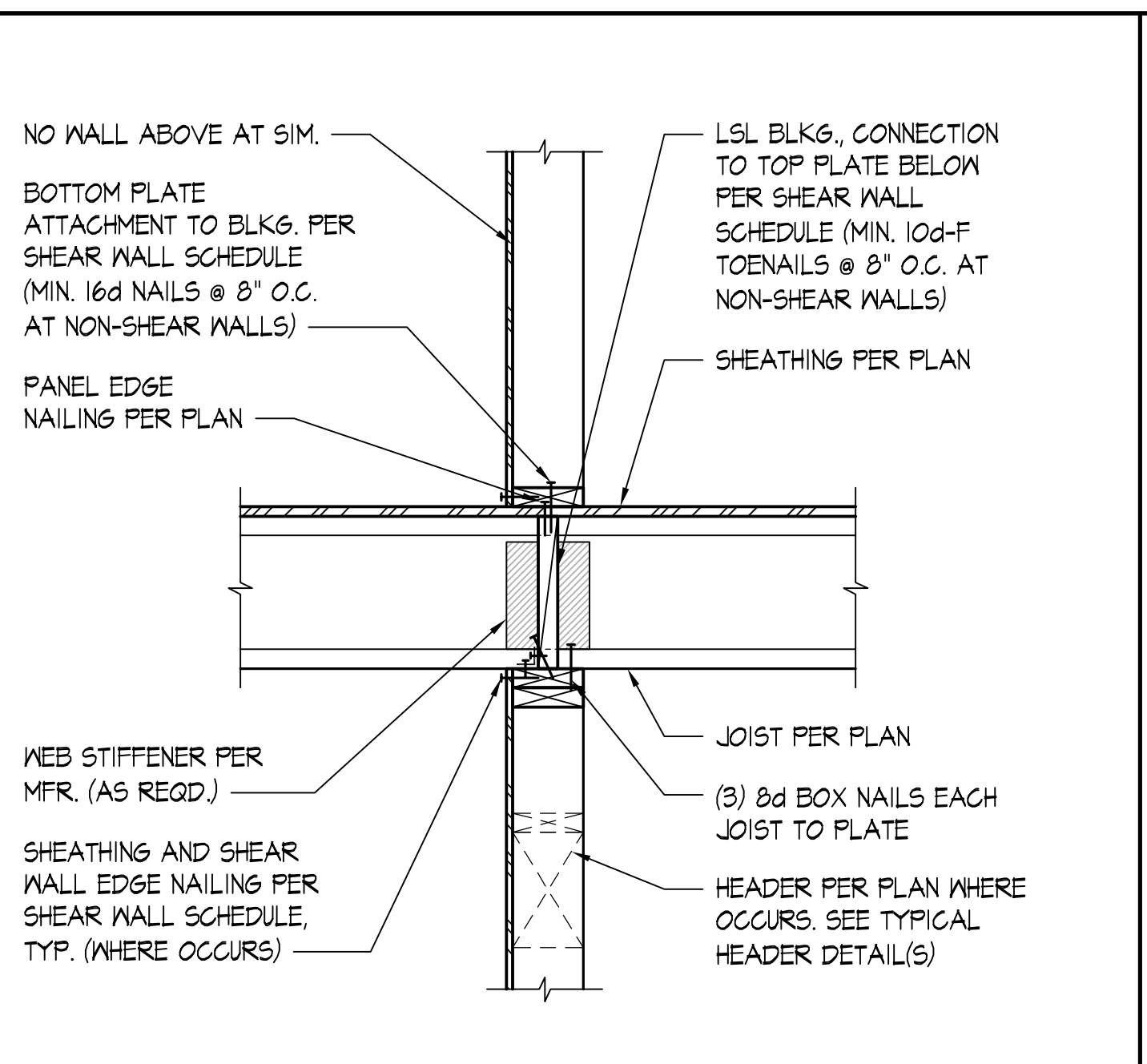
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TYPICAL EXTERIOR WALL - I-JOIST PARALLEL

SCALE: NONE

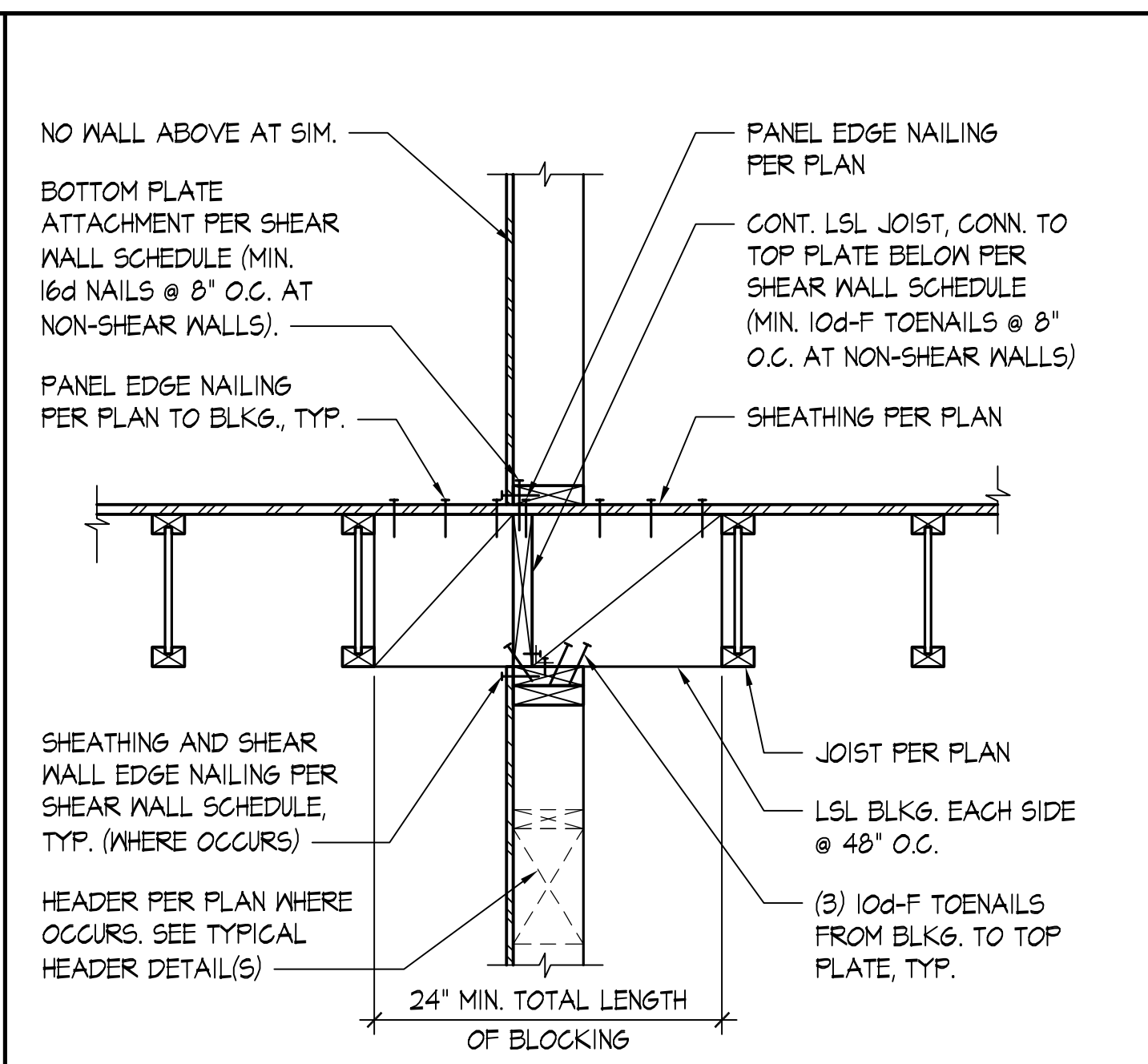
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TYPICAL INTERIOR WALL - I-JOIST PERPENDICULAR

SCALE: NONE

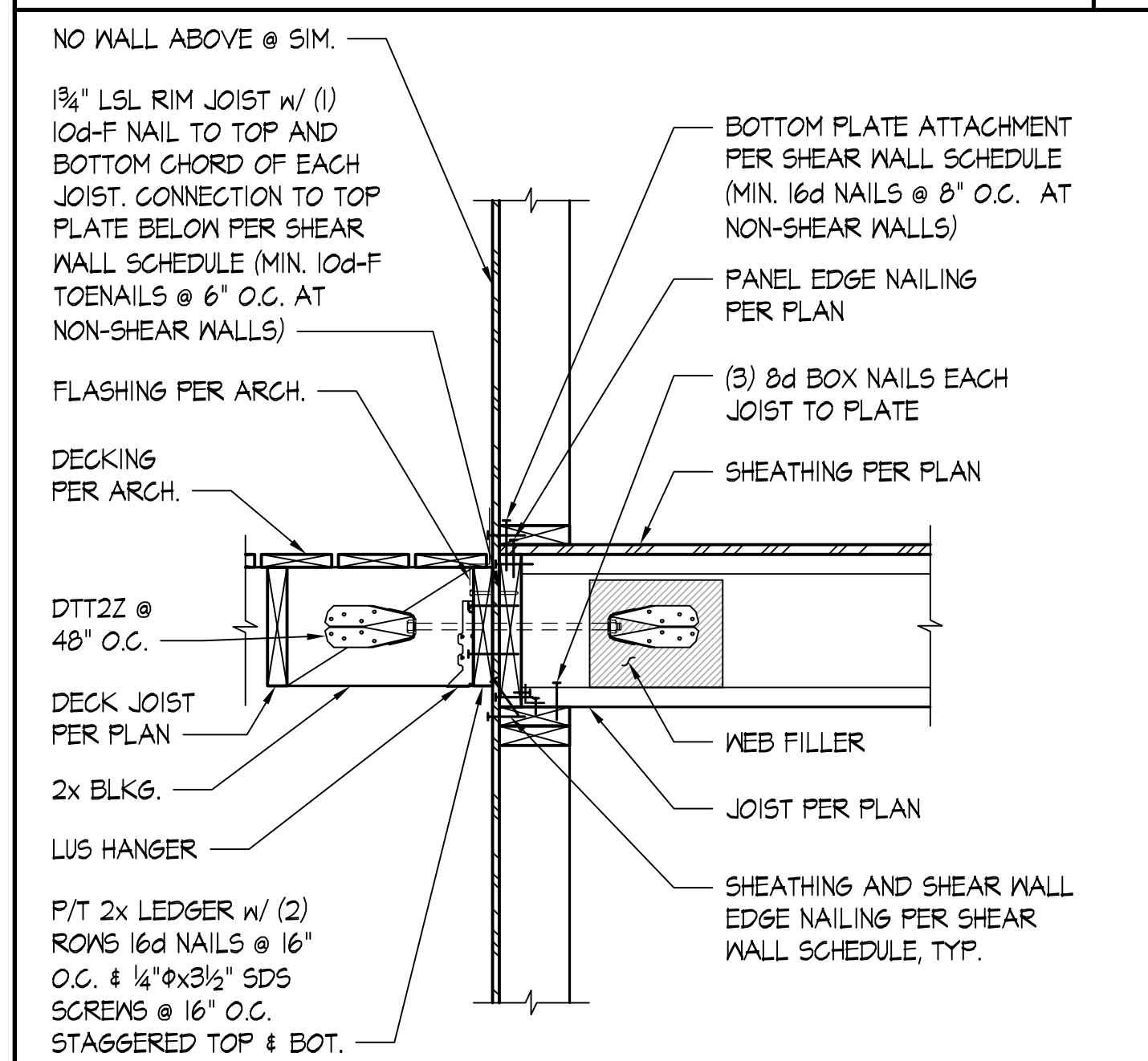
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TYPICAL INTERIOR WALL - I-JOIST PARALLEL

SCALE: NONE

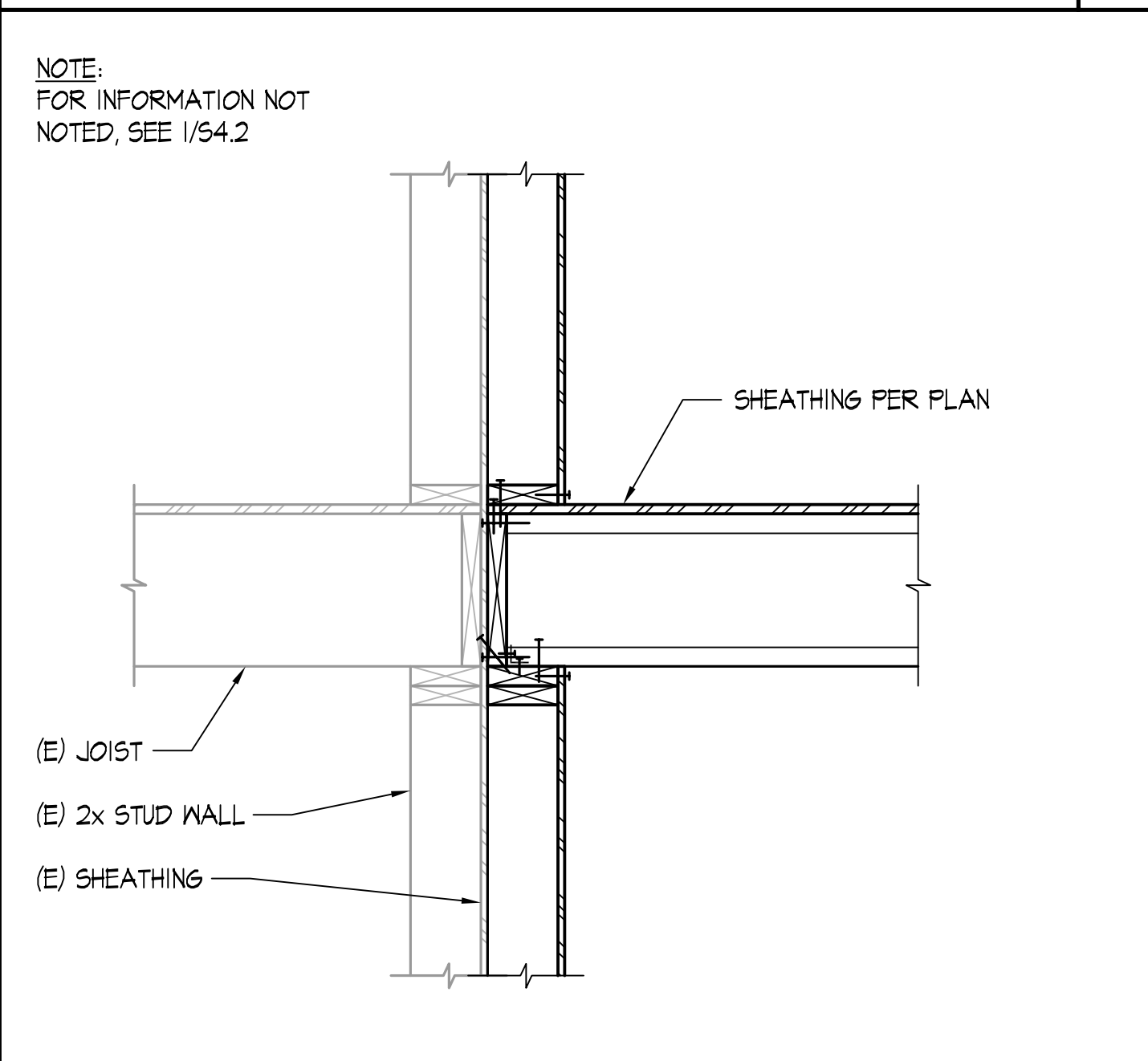
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TYPICAL EXTERIOR WALL WITH DECK ATTACHED - I-JOIST FLOOR

SCALE: NONE

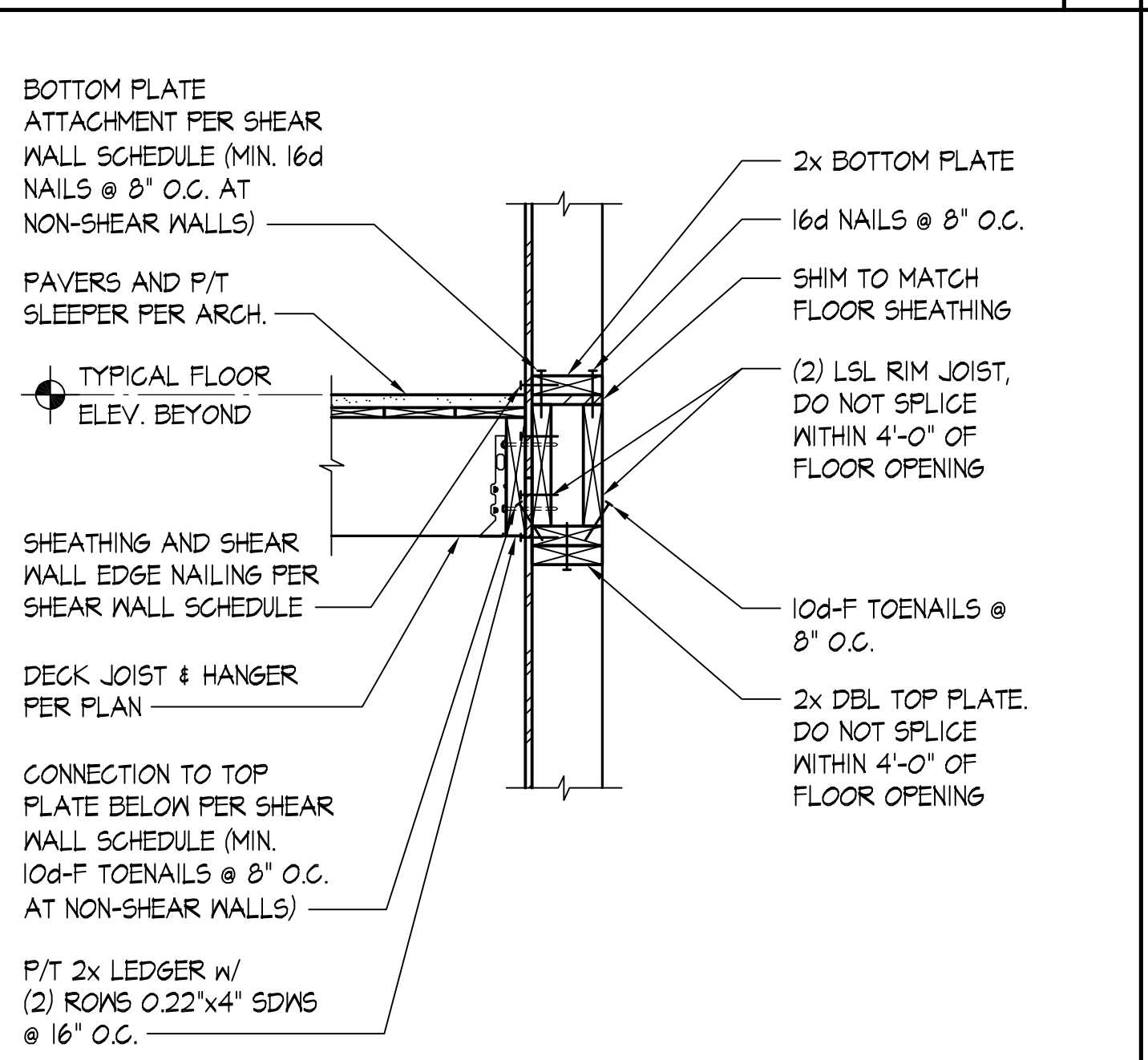
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NEW EXTERIOR WALL AT EXISTING EXTERIOR WALL

SCALE: NONE

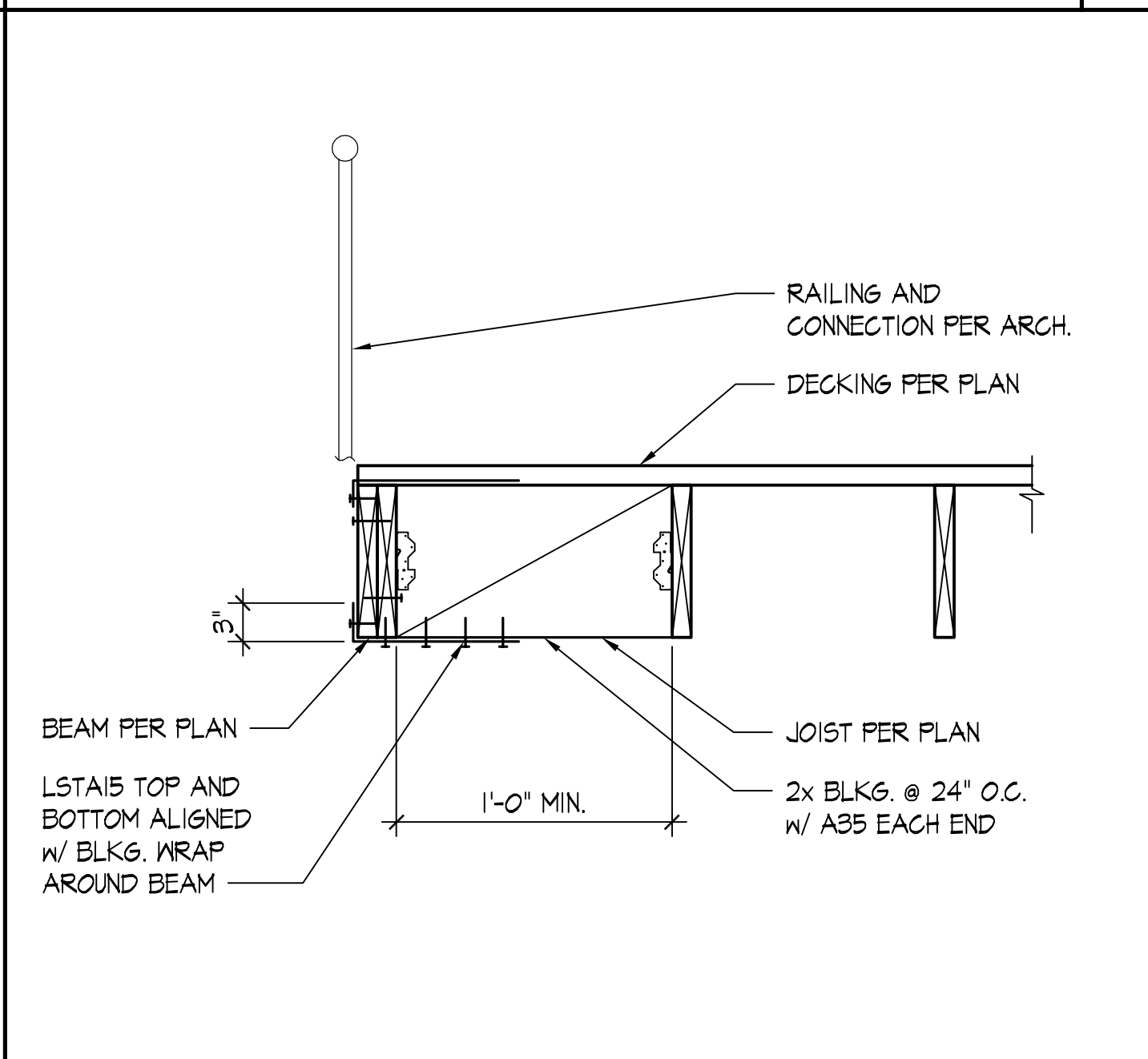
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EXTERIOR WALL AT FLOOR OPENING DECK JOIST

SCALE: NONE

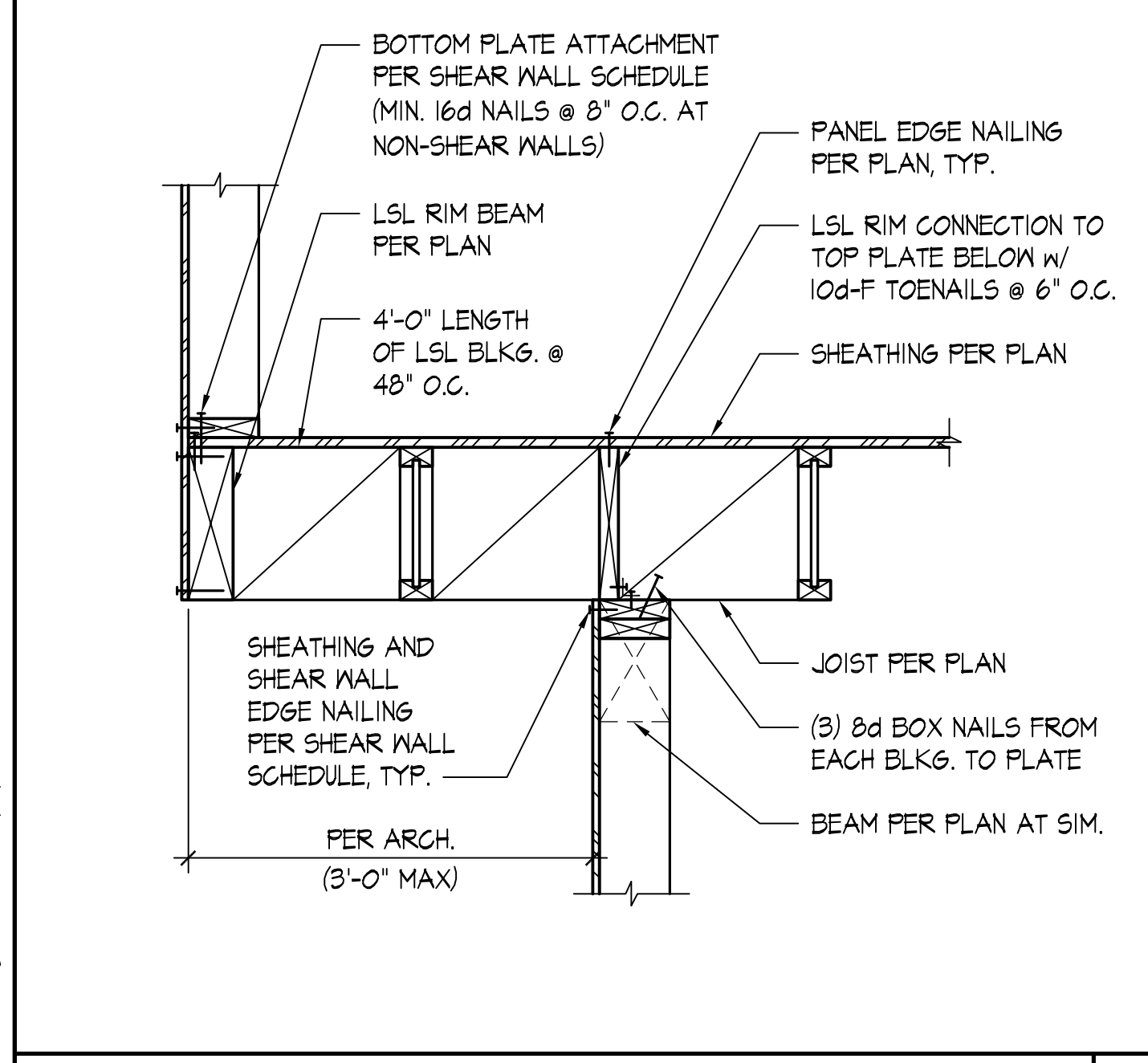
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TYPICAL FLOOR EDGE - I-JOIST PARALLEL

SCALE: NONE

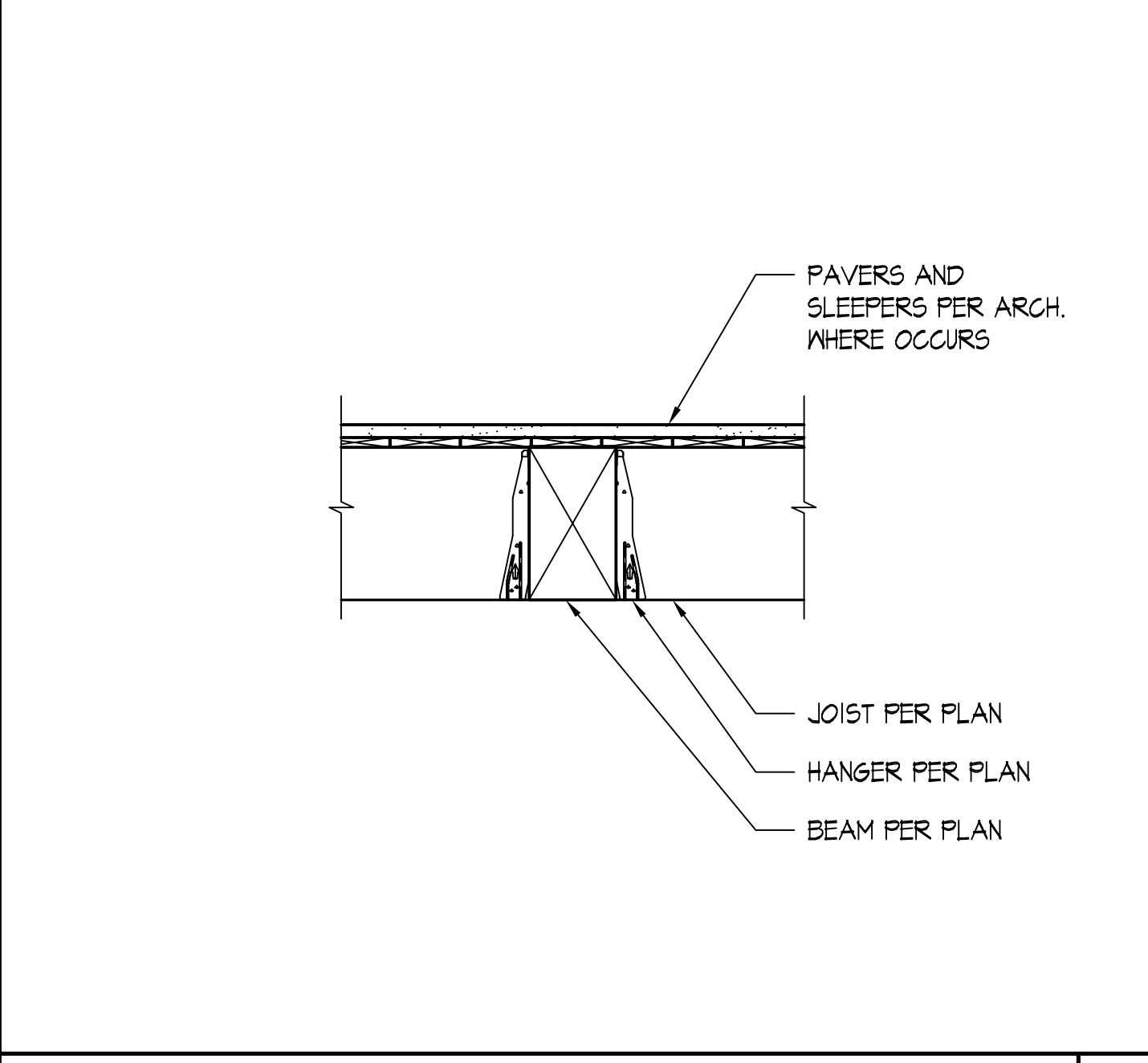
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FLOOR CANTILEVER AT EXTERIOR WALL - I-JOIST

SCALE: NONE

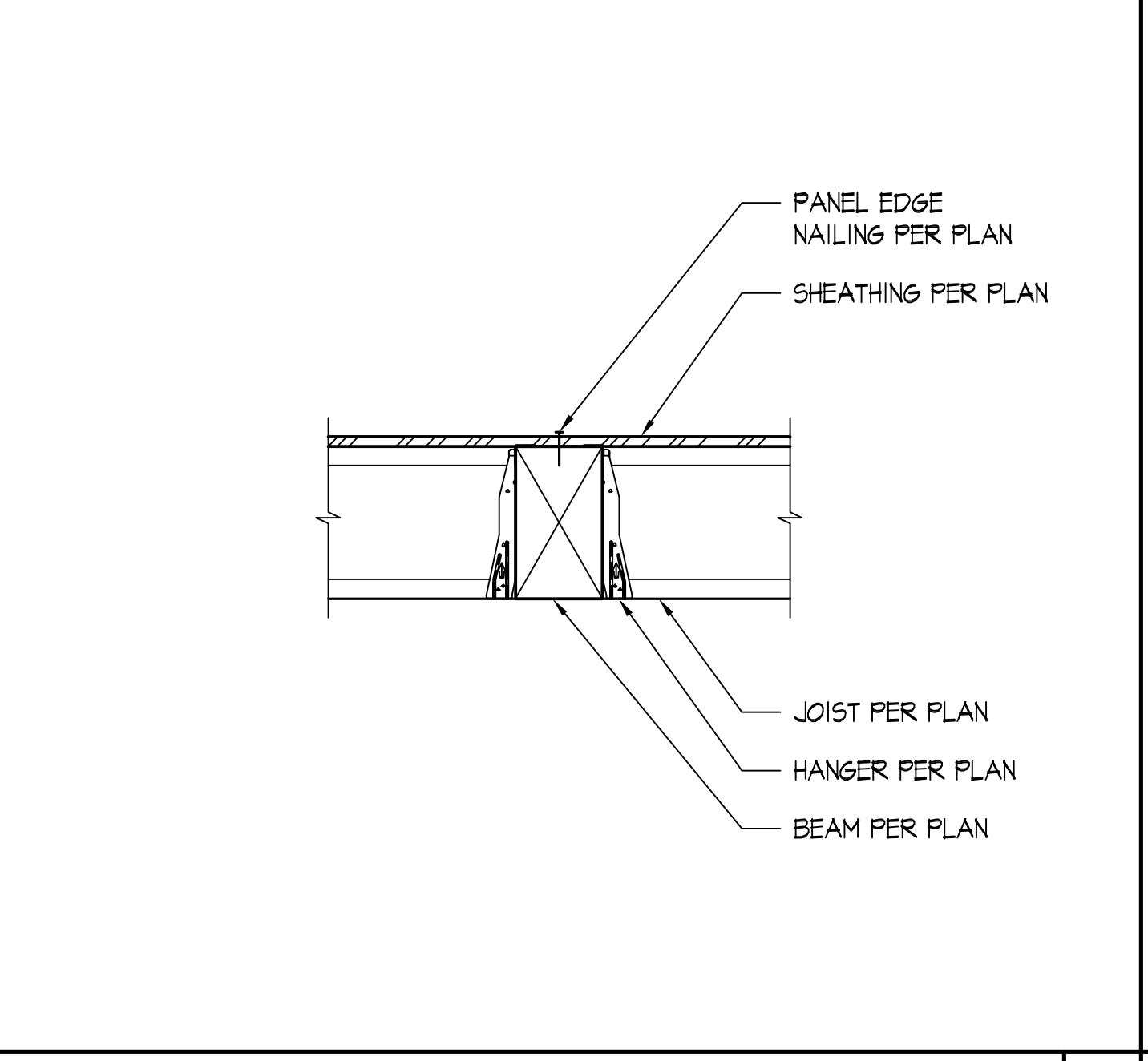
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DECK JOIST TO FLUSH BEAM CONNECTION

SCALE: NONE

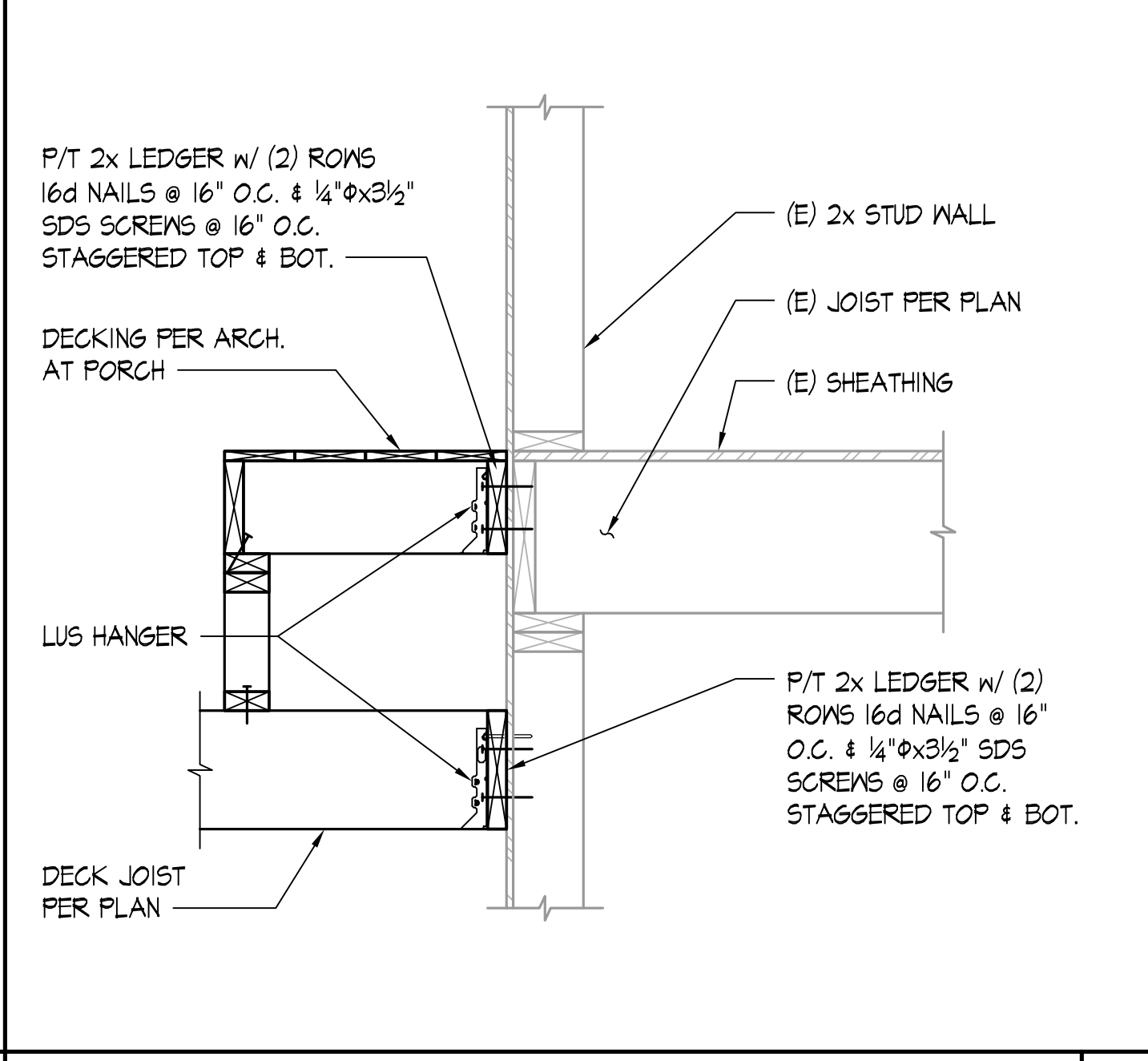
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TYPICAL I-JOIST TO FLUSH BEAM CONNECTION

SCALE: NONE

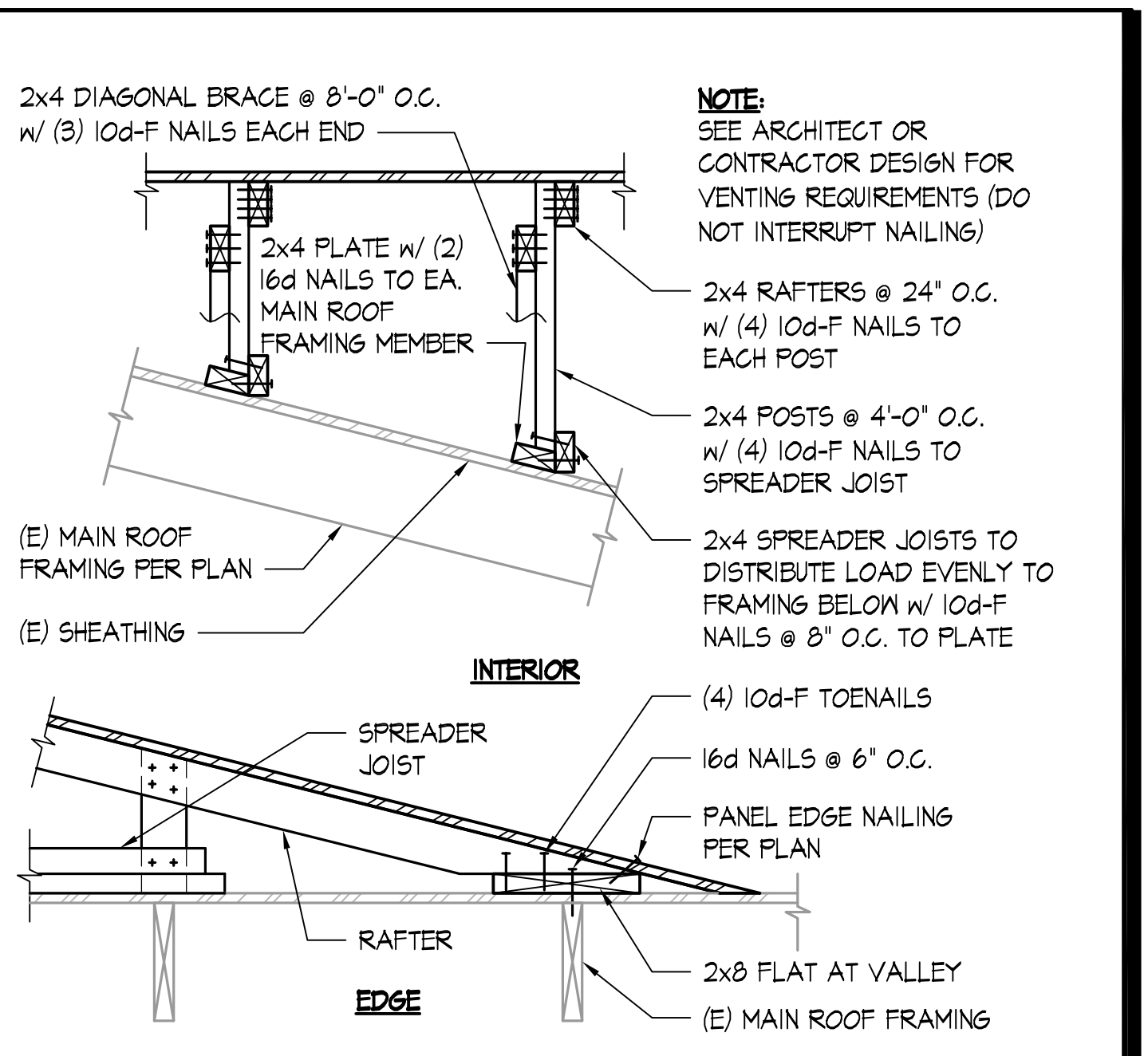
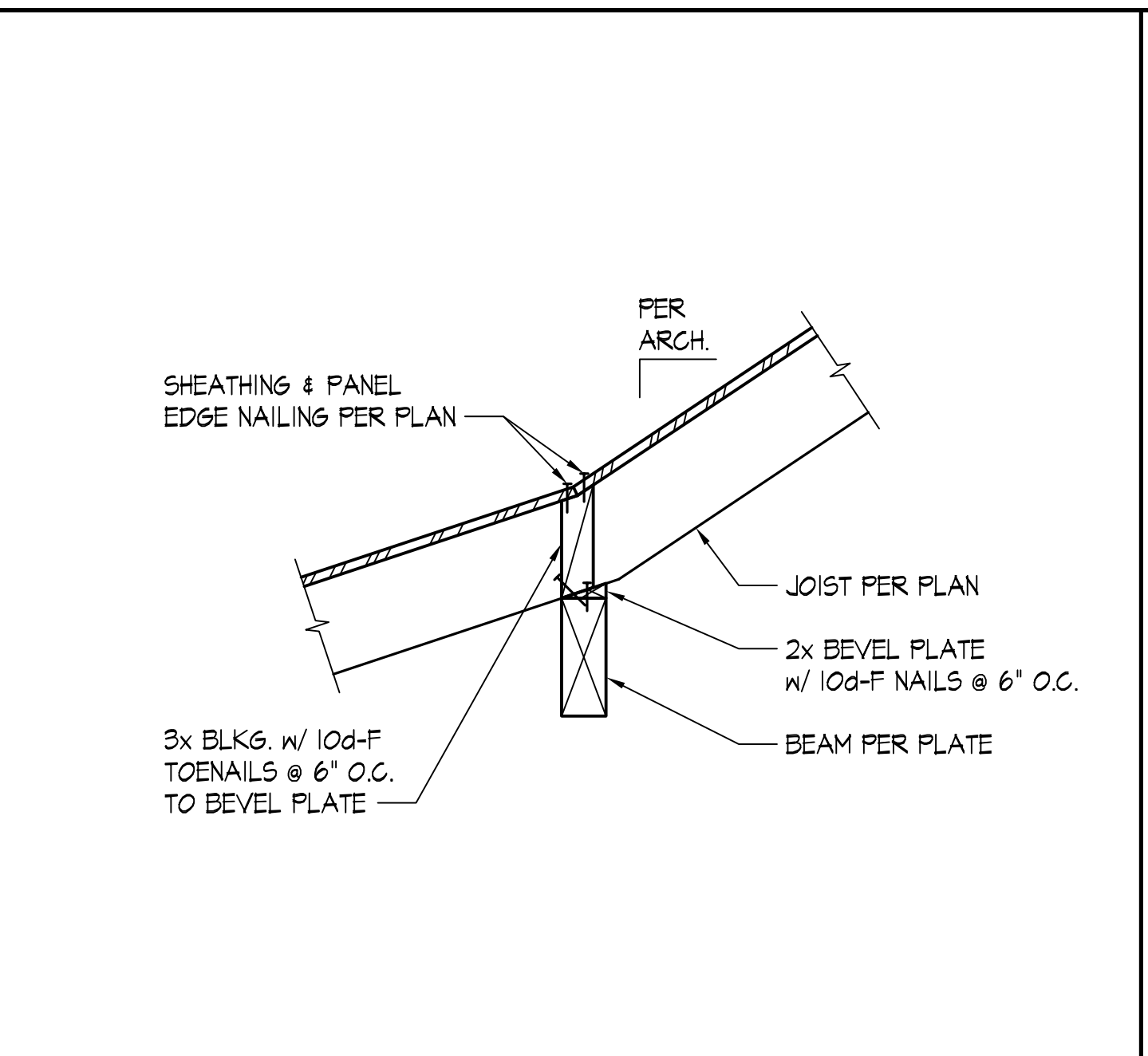
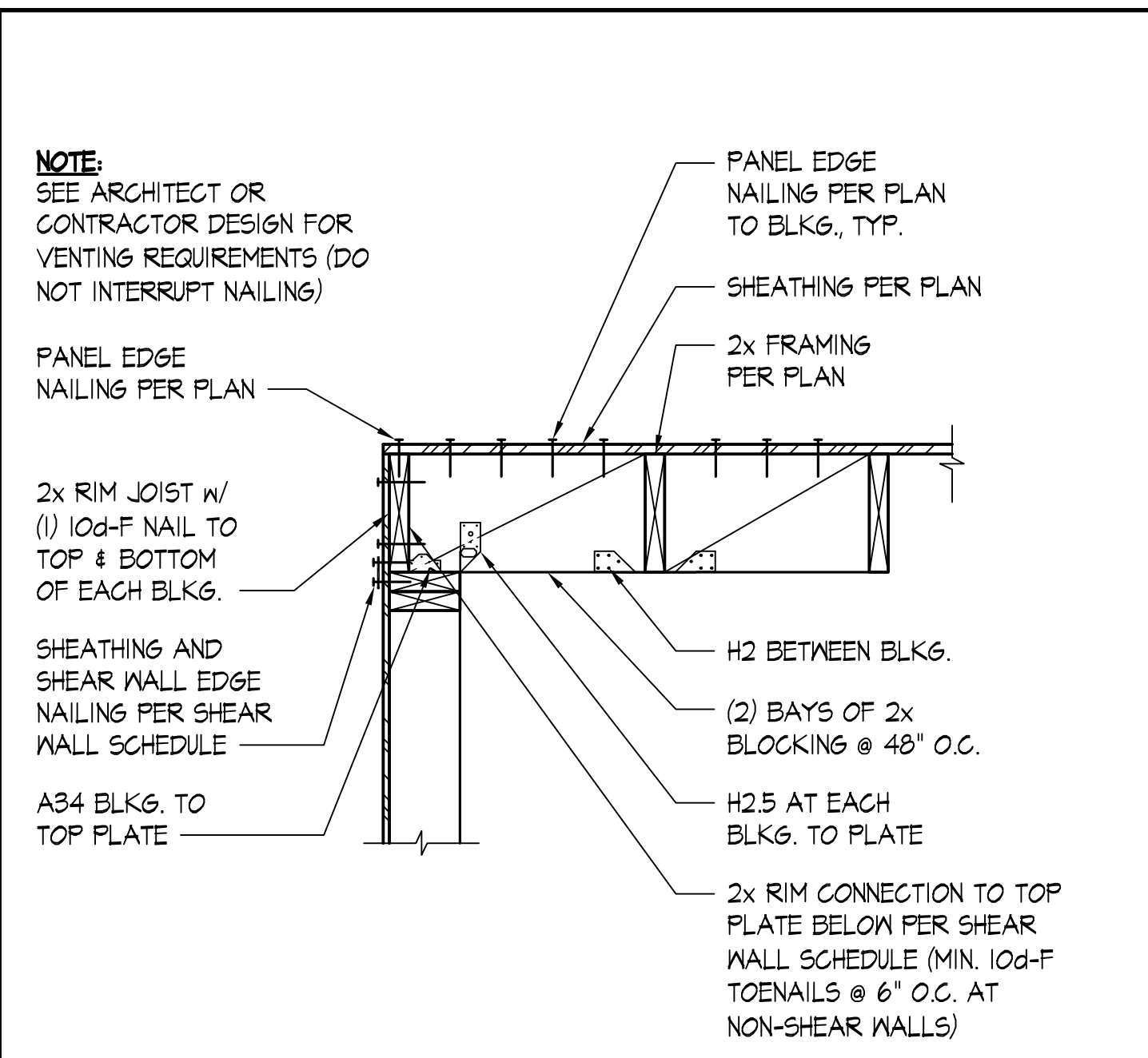
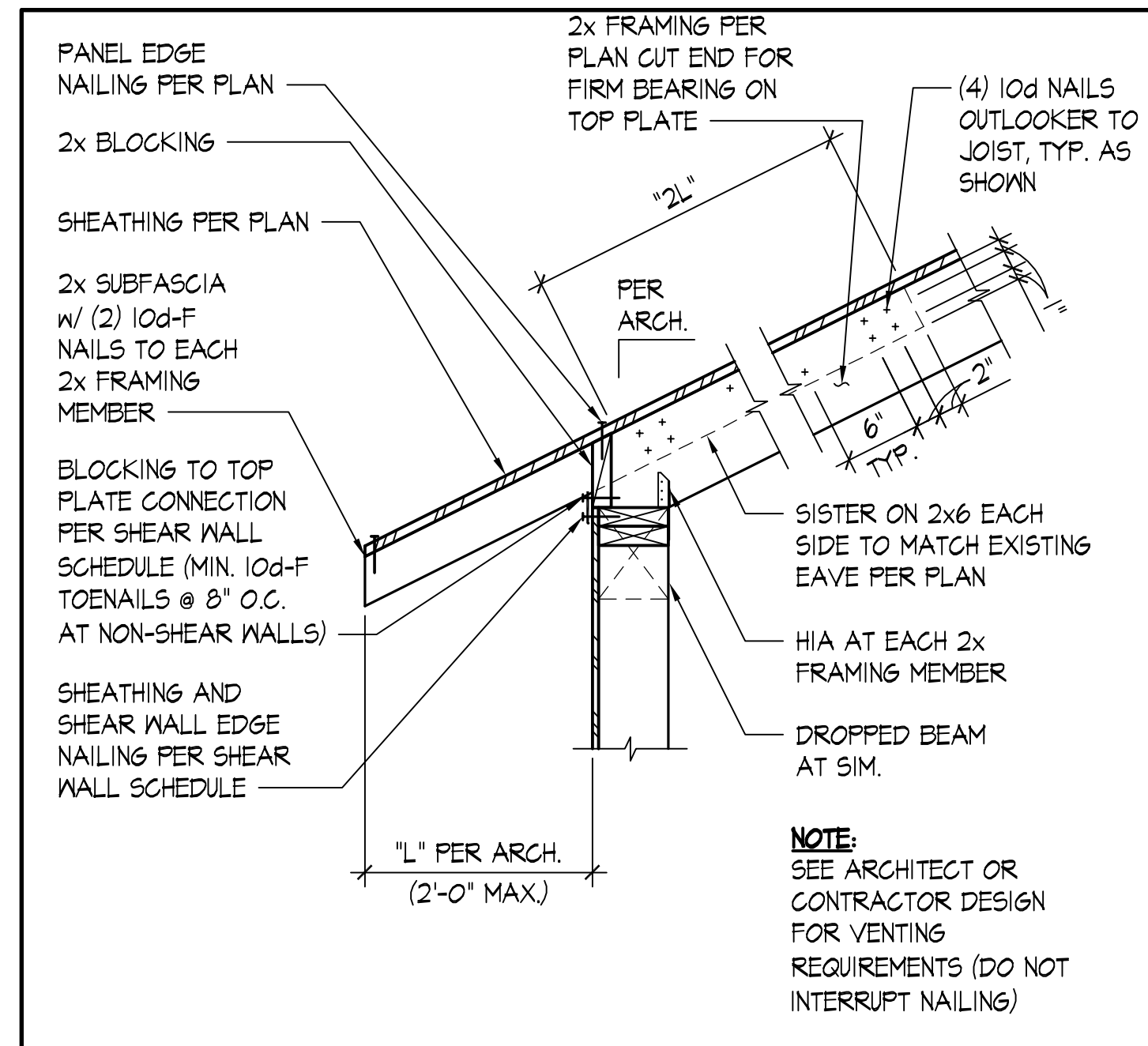
11



EXISTING WALL WITH DECK ATTACHED AT PORCH

SCALE: NONE

12

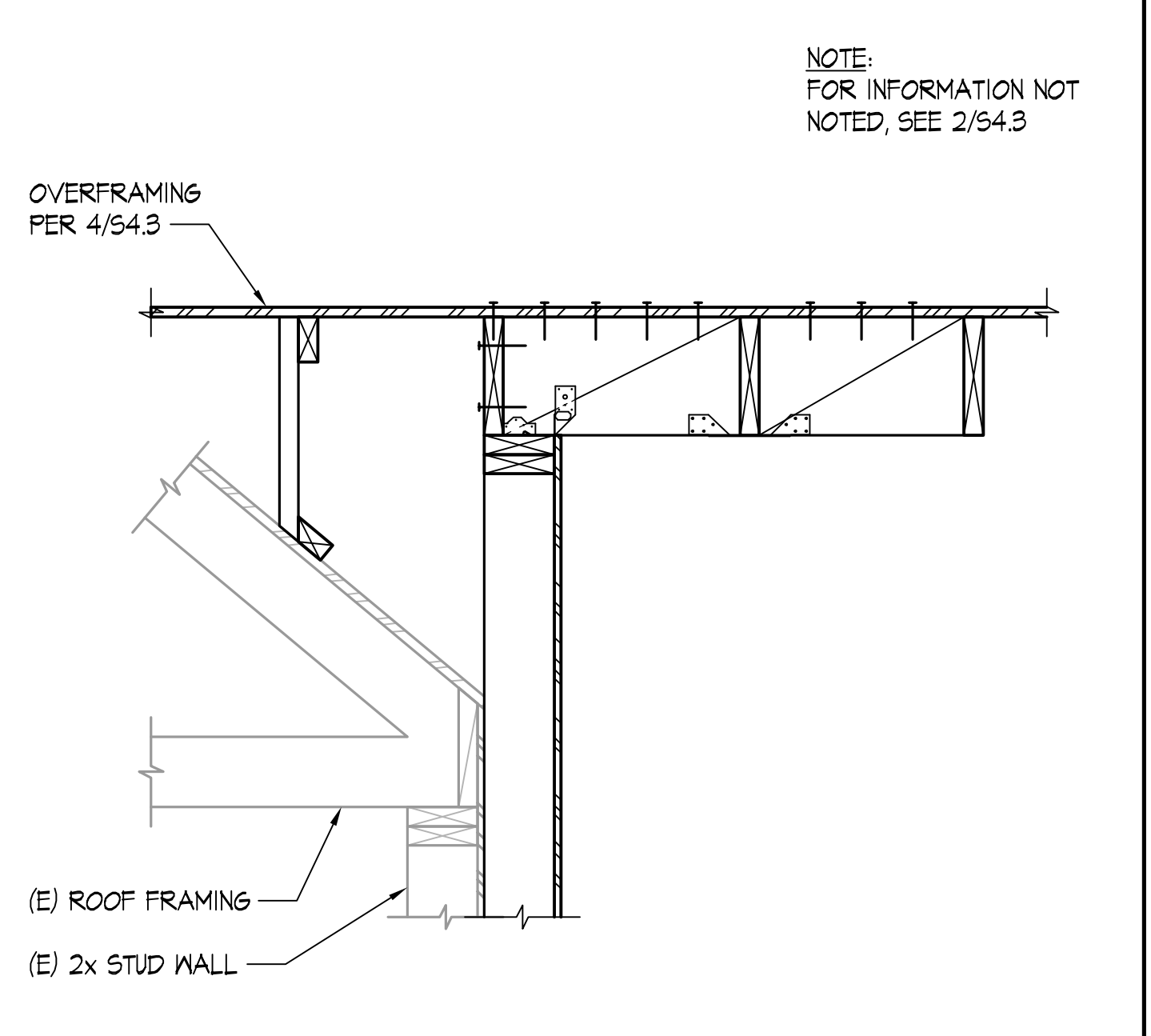
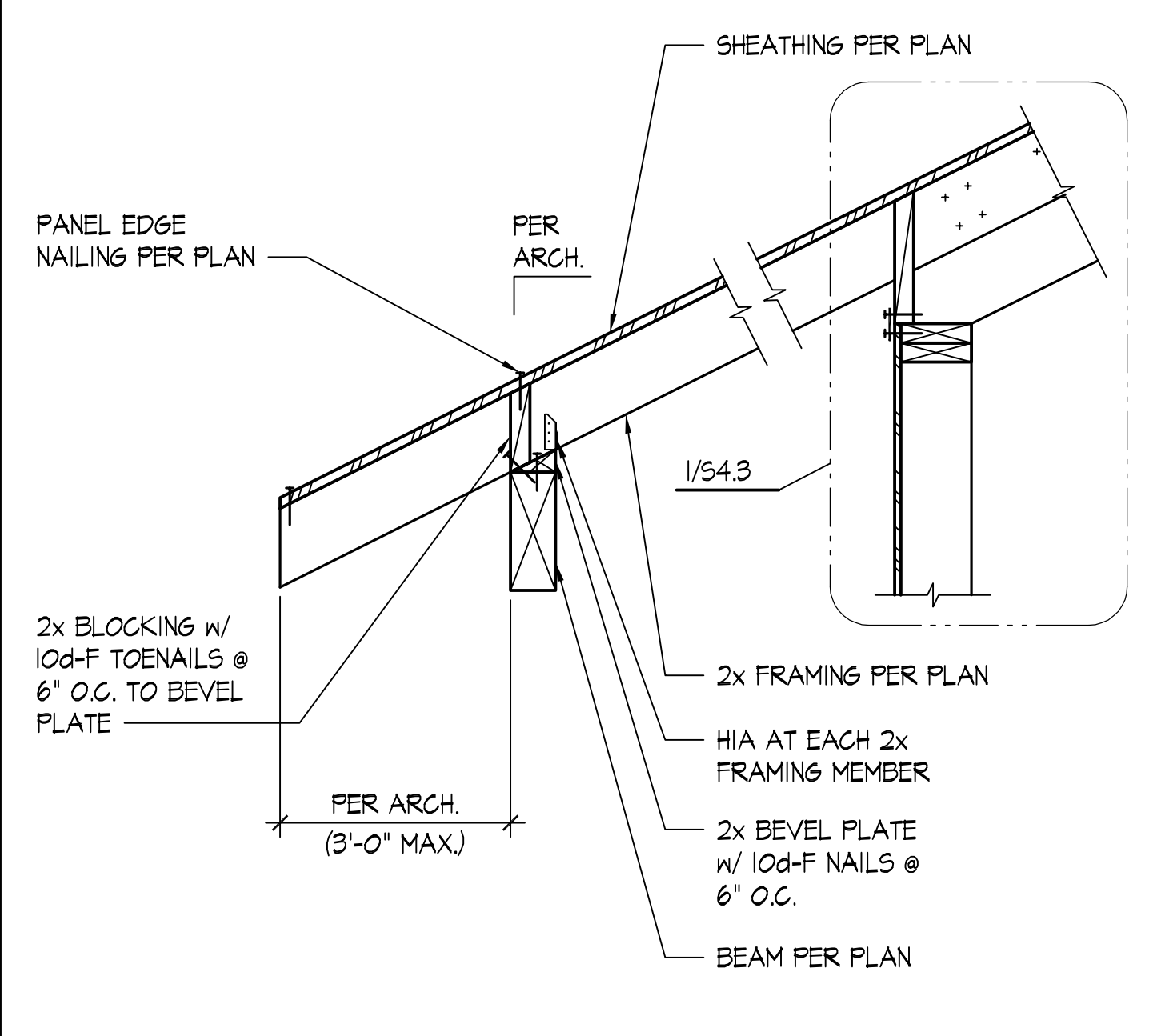
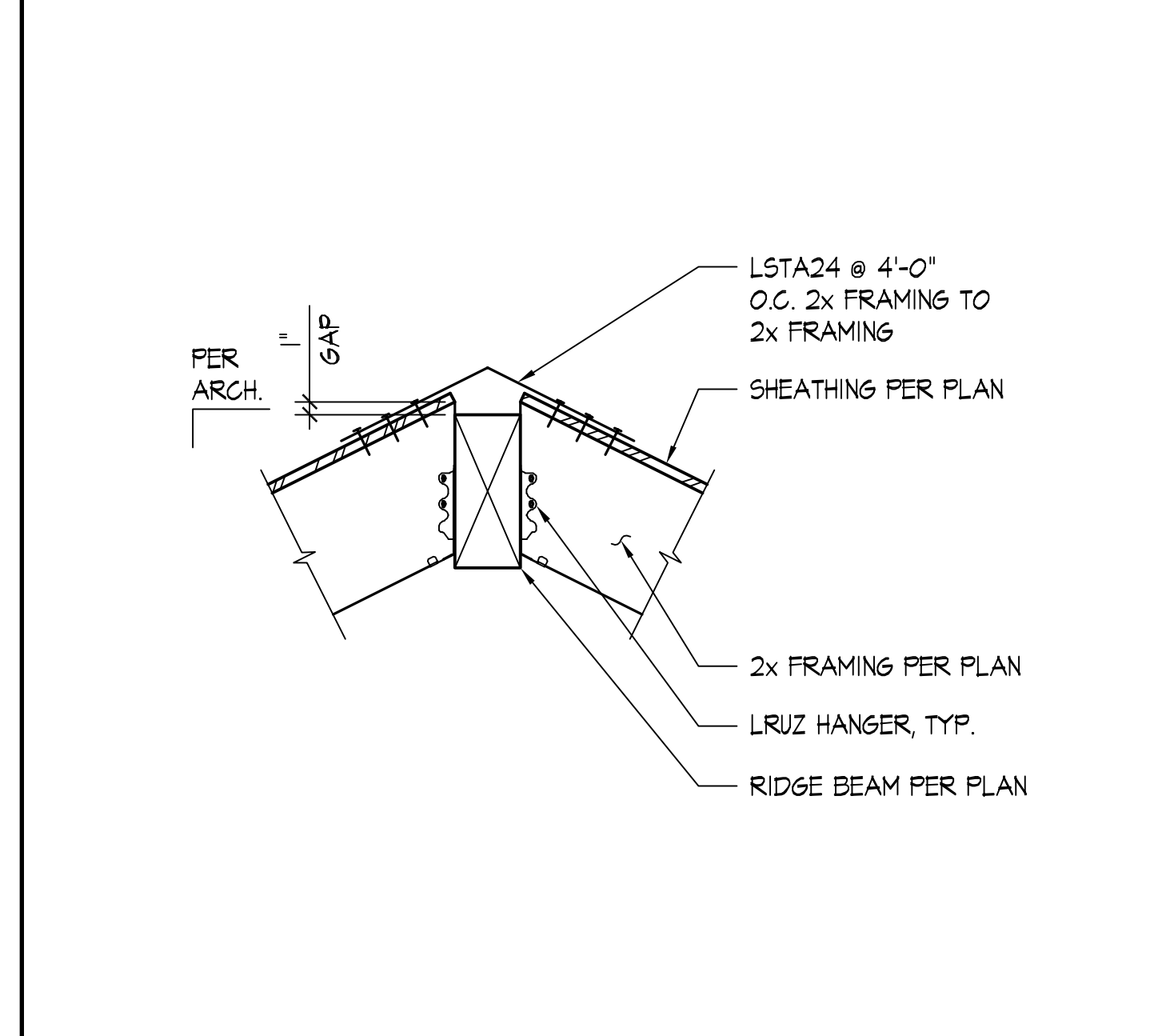


TYPICAL SLOPED ROOF FRAMING TO EXTERIOR WALL - 2x FRAMING PERPENDICULAR SCALE: NONE 1

TYPICAL EXTERIOR WALL AT ROOF - 2x FRAMING PARALLEL SCALE: NONE 2

BEAM AT CHANGE IN ROOF SLOPE SCALE: NONE 3

TYPICAL ROOF OVERFRAMING SCALE: NONE 4

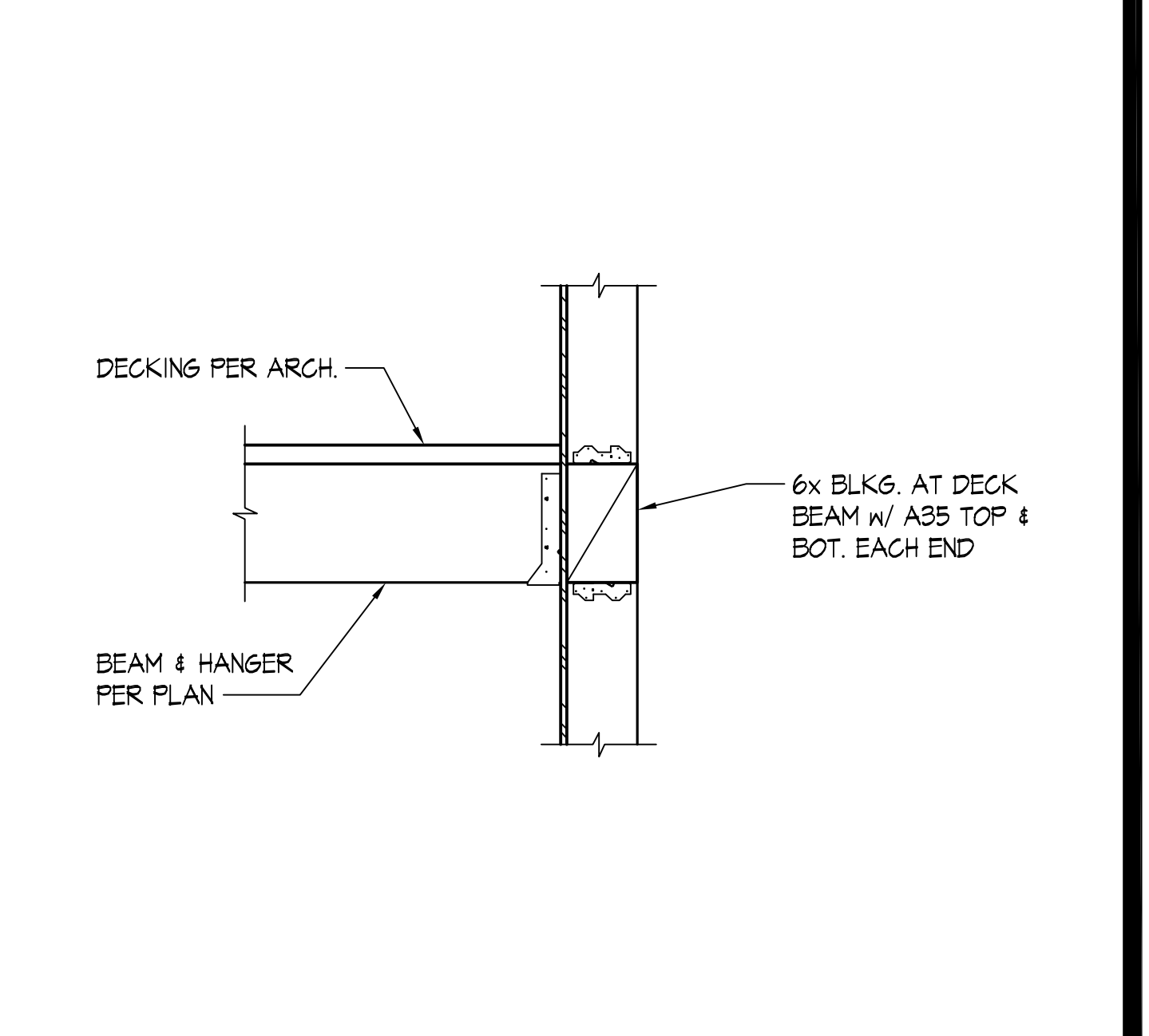
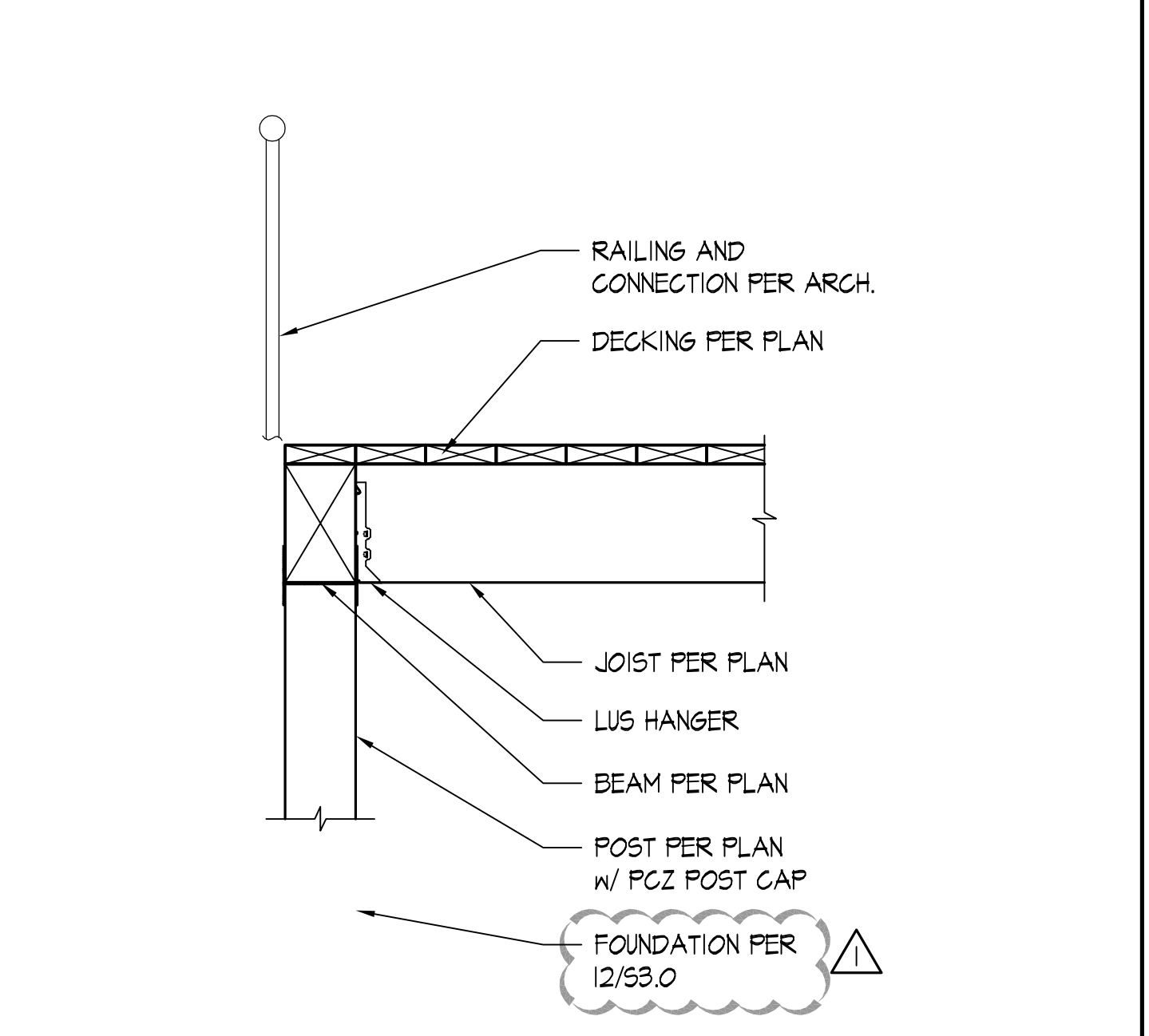
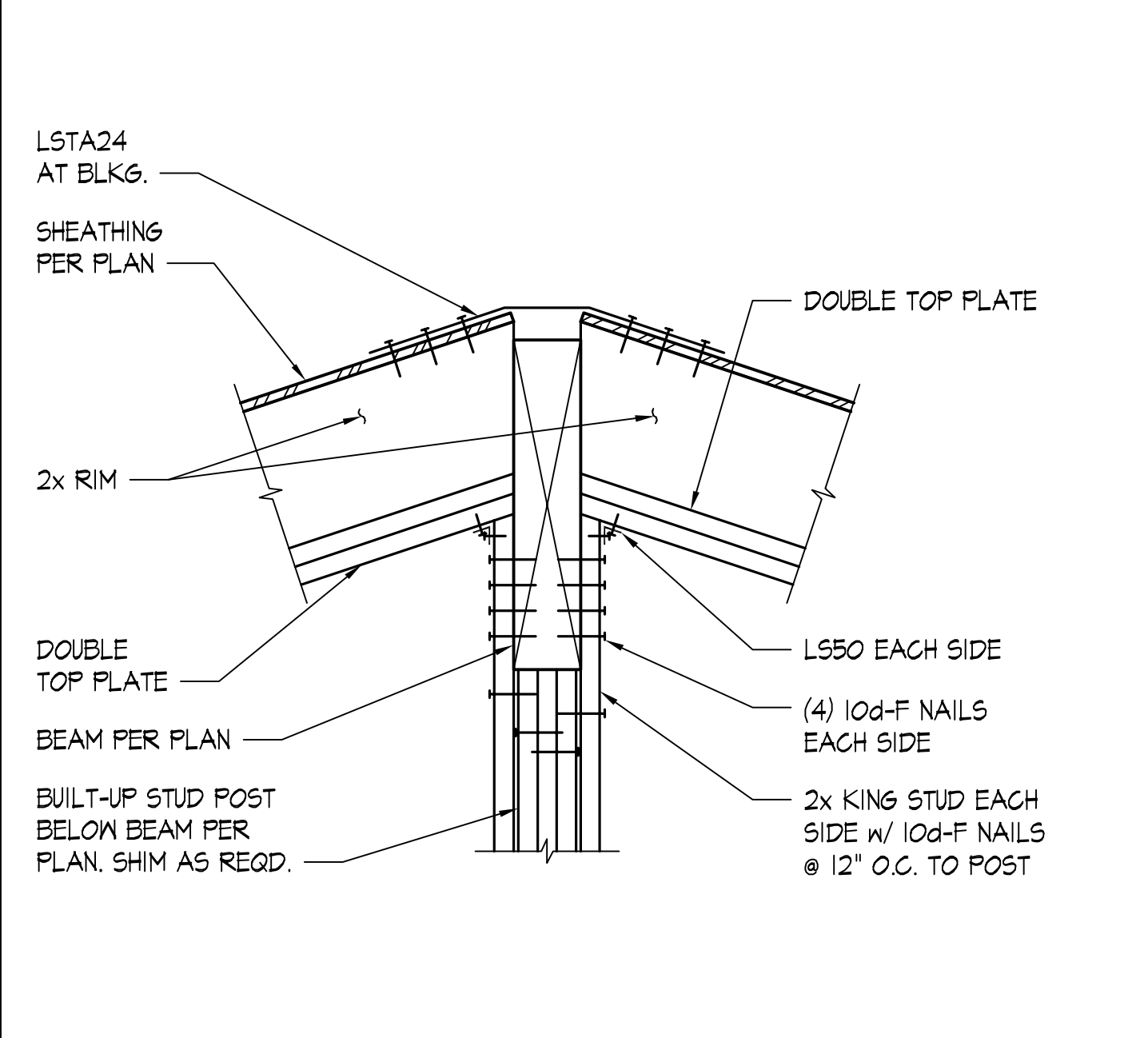
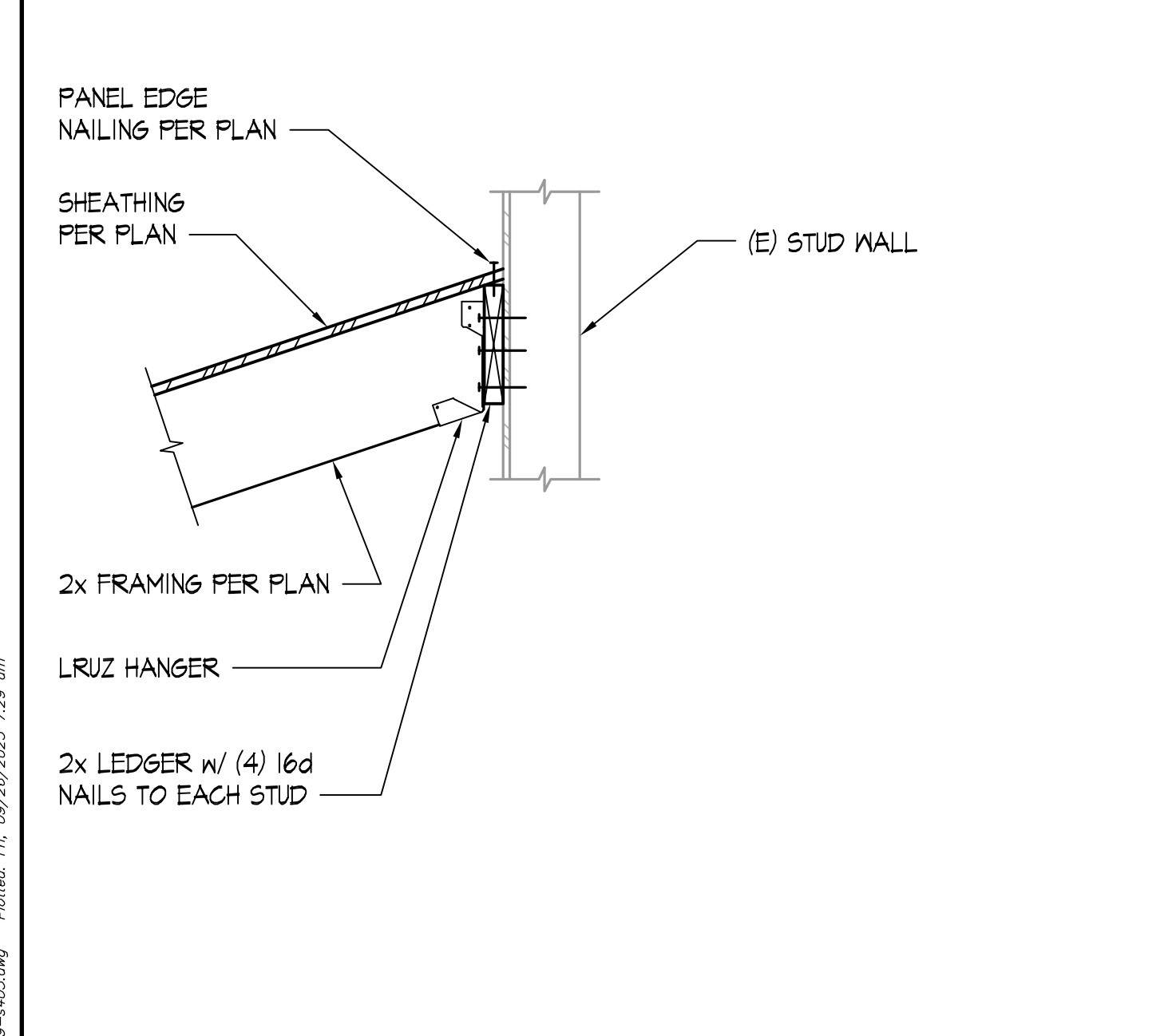


TYPICAL FLUSH RIDGE BEAM - 2x FRAMING PERPENDICULAR SCALE: NONE 5

ENTRY ROOF FRAMING OVER DROPPED BEAM SCALE: NONE 6

NEW ROOF AT EXISTING ROOF SCALE: NONE 7

DETAIL SCALE: NONE 8



2x FRAMED LOW ROOF SCALE: NONE 9

RIDGE BEAM AT EXTERIOR WALL SCALE: NONE 10

TYPICAL DECK EDGE - JOIST PERPENDICULAR TO BEAM SUPPORT SCALE: NONE 11

DECK BEAM TO STUD WALL BLOCKING SCALE: 1\"/>



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**ROOF
DETAILS**

SHEET NO.

S4.3