



**REQUEST FOR INFORMATION (RFI)**

School Name:	<u>Rio Hondo College</u>	RFI Number:	<u>545</u>
Project Name:	<u>Music and Wray Theatre</u>	Date Generated:	<u>12-Nov-24</u>
Project Description:	<u>Theatre renovation</u>	Project Number:	<u>21020.00</u>
Issued To:	<u>Rudy Viramontes</u>	Contract Number:	<u>2089-A</u>
Subject:	<u>Metal stud Fastener Schedule mark 1.</u>		

<u>S1-3</u>	<u></u>	<u></u>
Drawing Number Detail	Specification Section	Page

**Request:** ( Include a proposed solution where applicable)  
 Plan page S1-3 detail 13, metal stud fastener schedule mark 1. 1 1/2" shot pin min embed can only be achieved if the track is predrilled and with 1 1/4" minimum embed per note 3, photos 1. Photos 2 struggles to achieve, see conditions. Please confirm installation in photos 1 is acceptable. Note 1 5/8" shot pin embed is unachievable depth, concrete to hard.

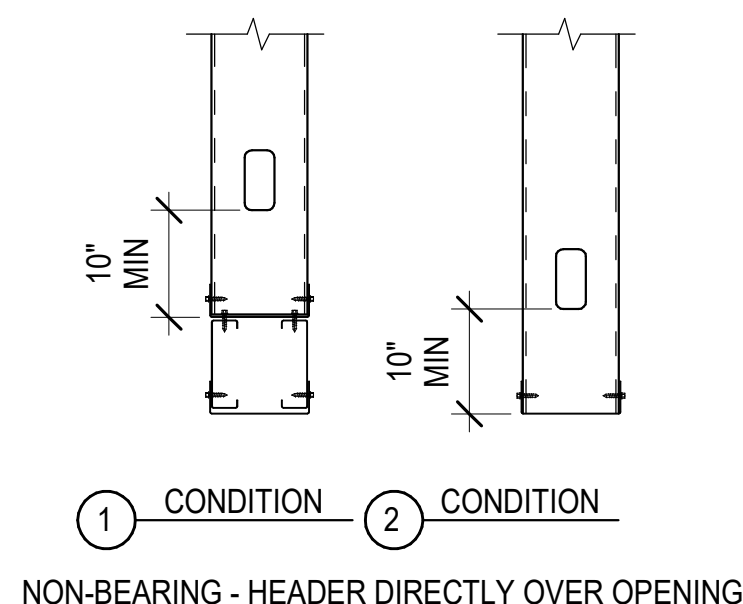
Request Issued by:	<u><i>Ric Rivera</i></u>	<u>Ric Rivera</u>	<u>12-Nov-24</u>
	Contractor's Signature	Name (Printed)	Date

**Response:**  
*Structural Response:*  
*Contractor to contact Hilti field engineering team for advice on how to install per plan.*  
*Response By: VCA Engineers Inc 11/13/2024*

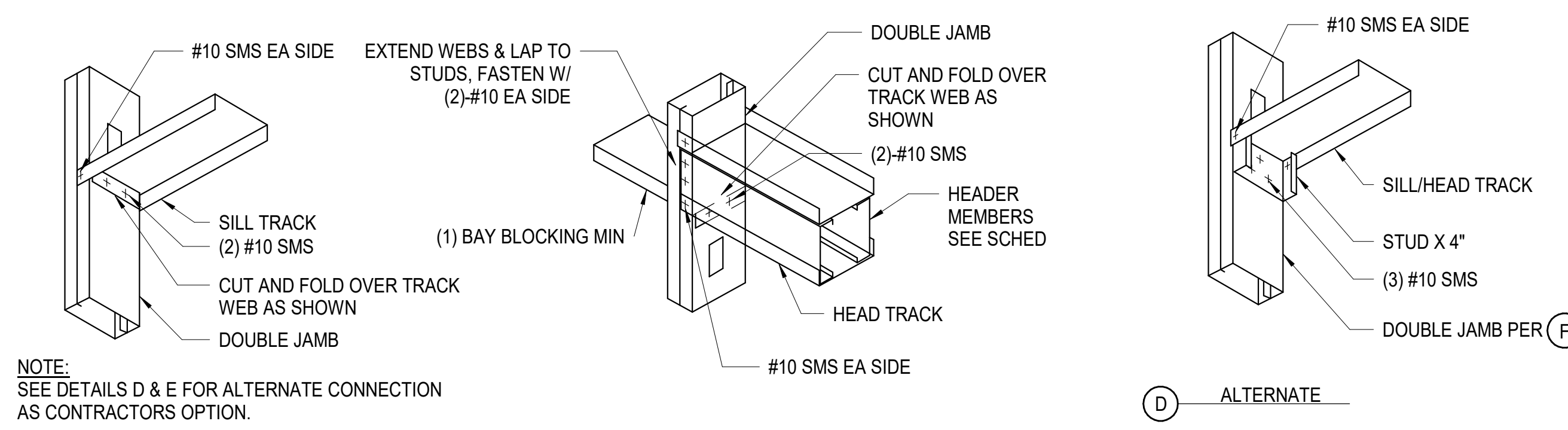
Response Issued by:	<u></u>	<u>Brett Houser</u>	<u>11/13/24</u>
	Architect's Signature	Name (Printed)	Date

<b>This Form Cannot Modify Contract Amount or Milestones and/or Contract Time.</b>
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cc:



1 CONDITION 2 CONDITION  
NON-BEARING - HEADER DIRECTLY OVER OPENING



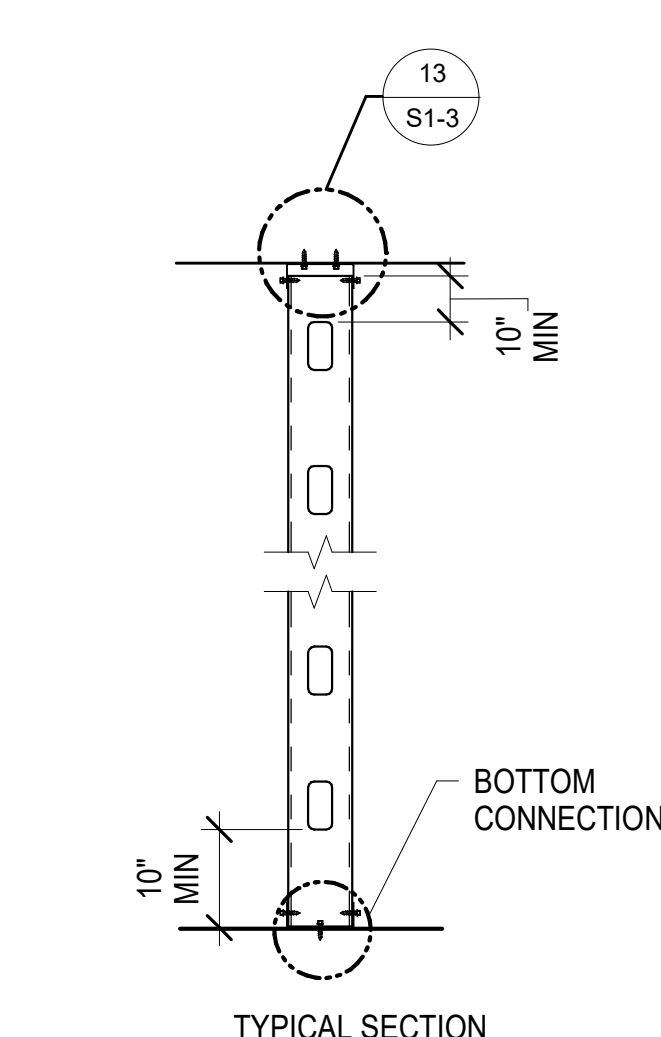
NOTE:  
SEE DETAILS D & E FOR ALTERNATE CONNECTION AS CONTRACTORS OPTION.

A HEADER DETAIL

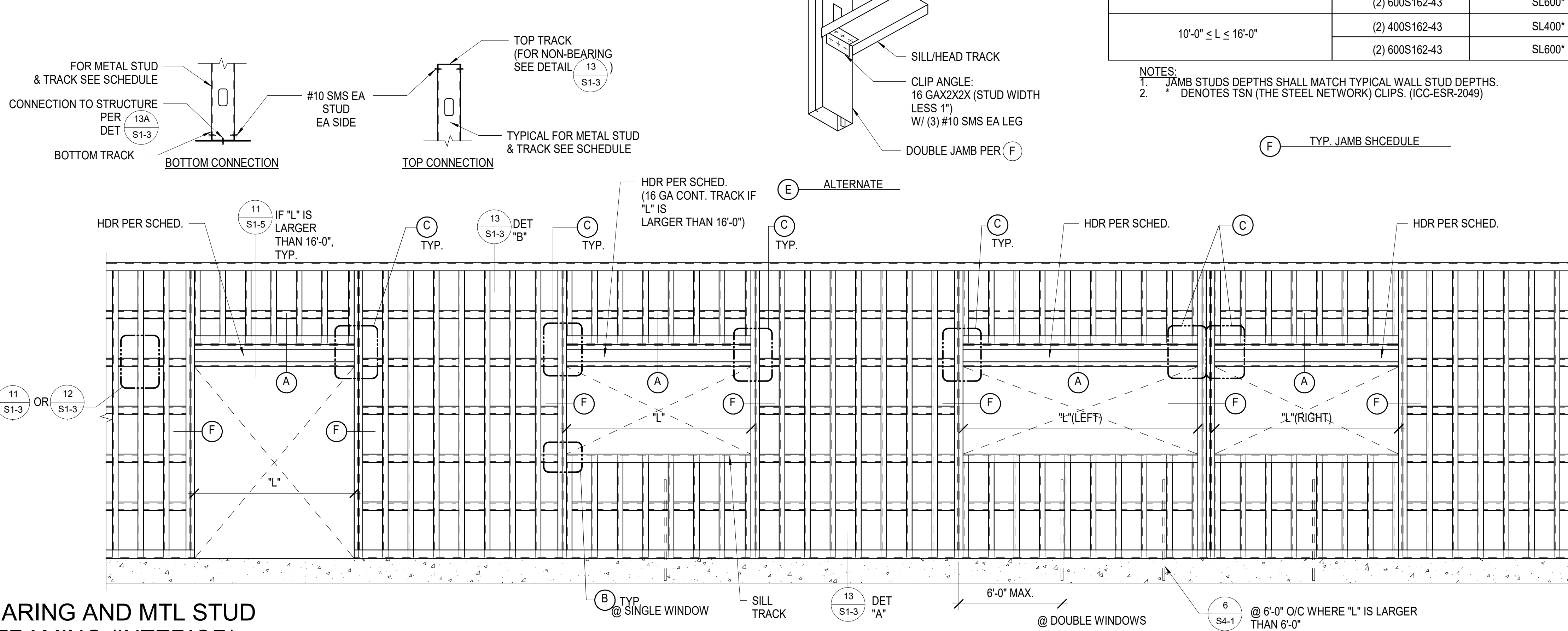
B DETAIL

C DETAIL

D ALTERNATE

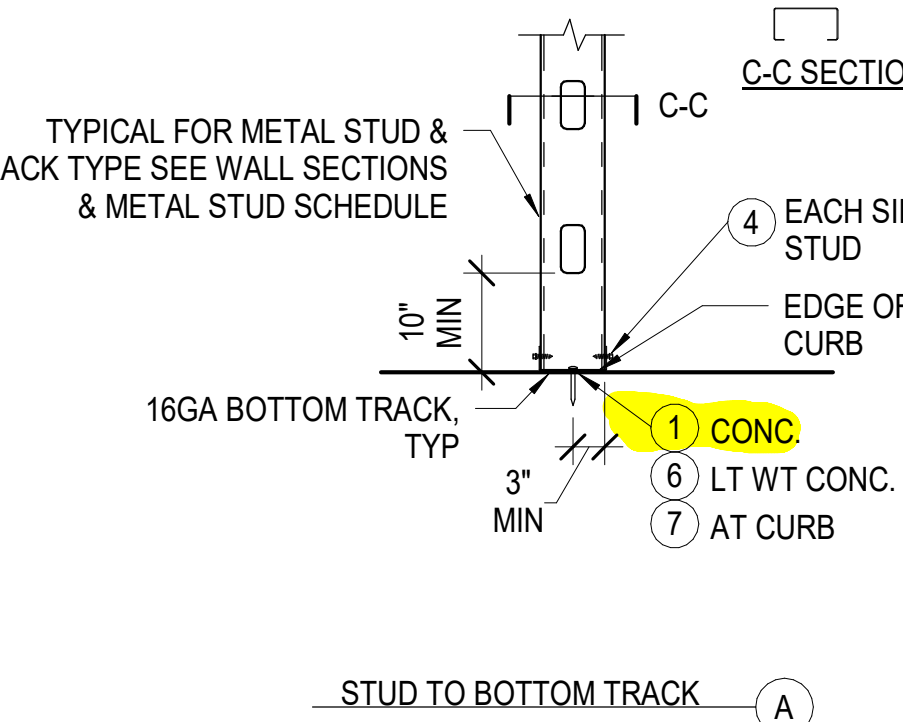


TYPICAL SECTION

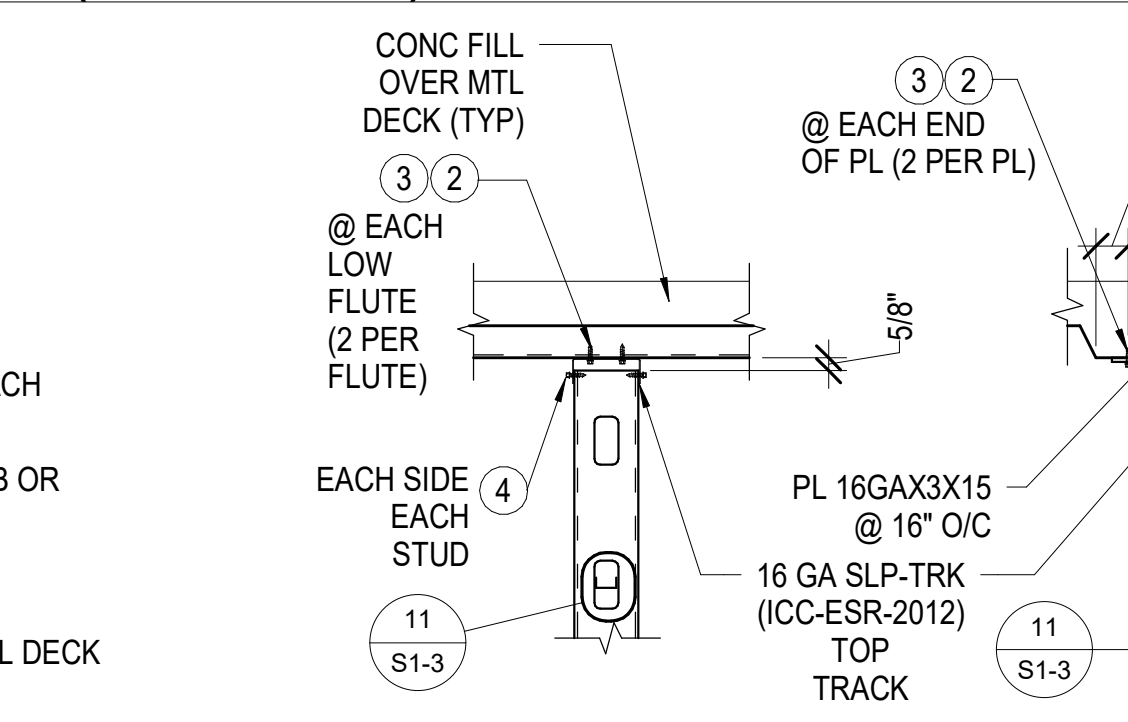


5 TYPICAL NON-BEARING AND MTL STUD SCHED. & WALL FRAMING (INTERIOR)

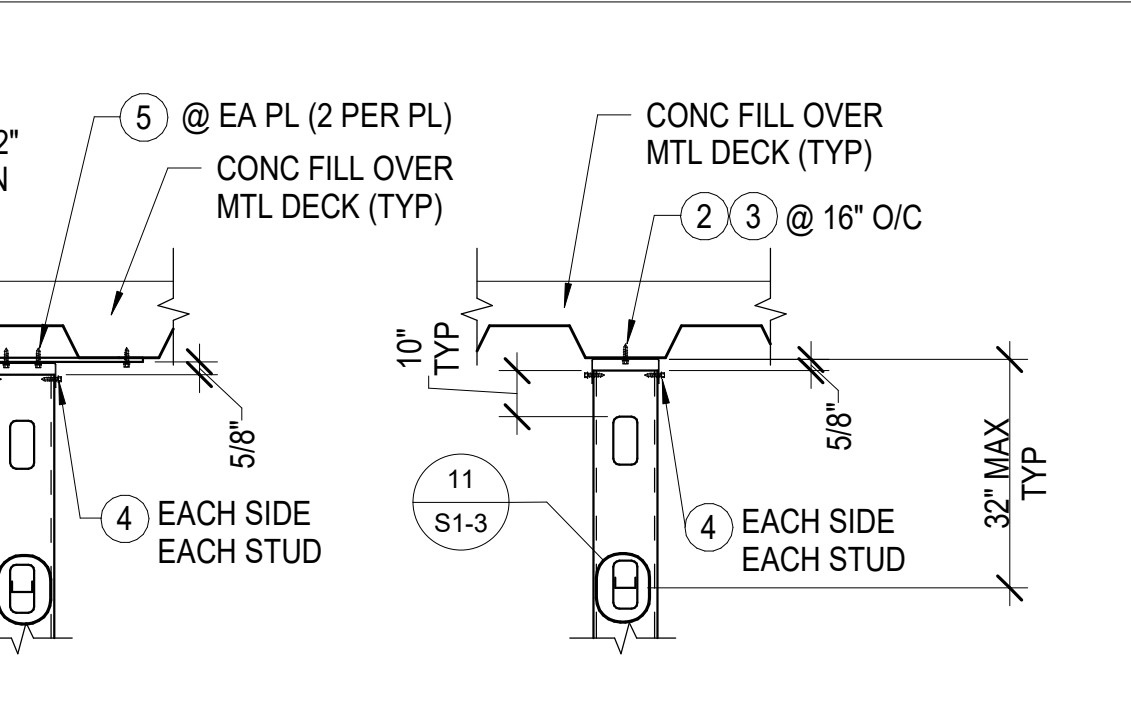
S1-3



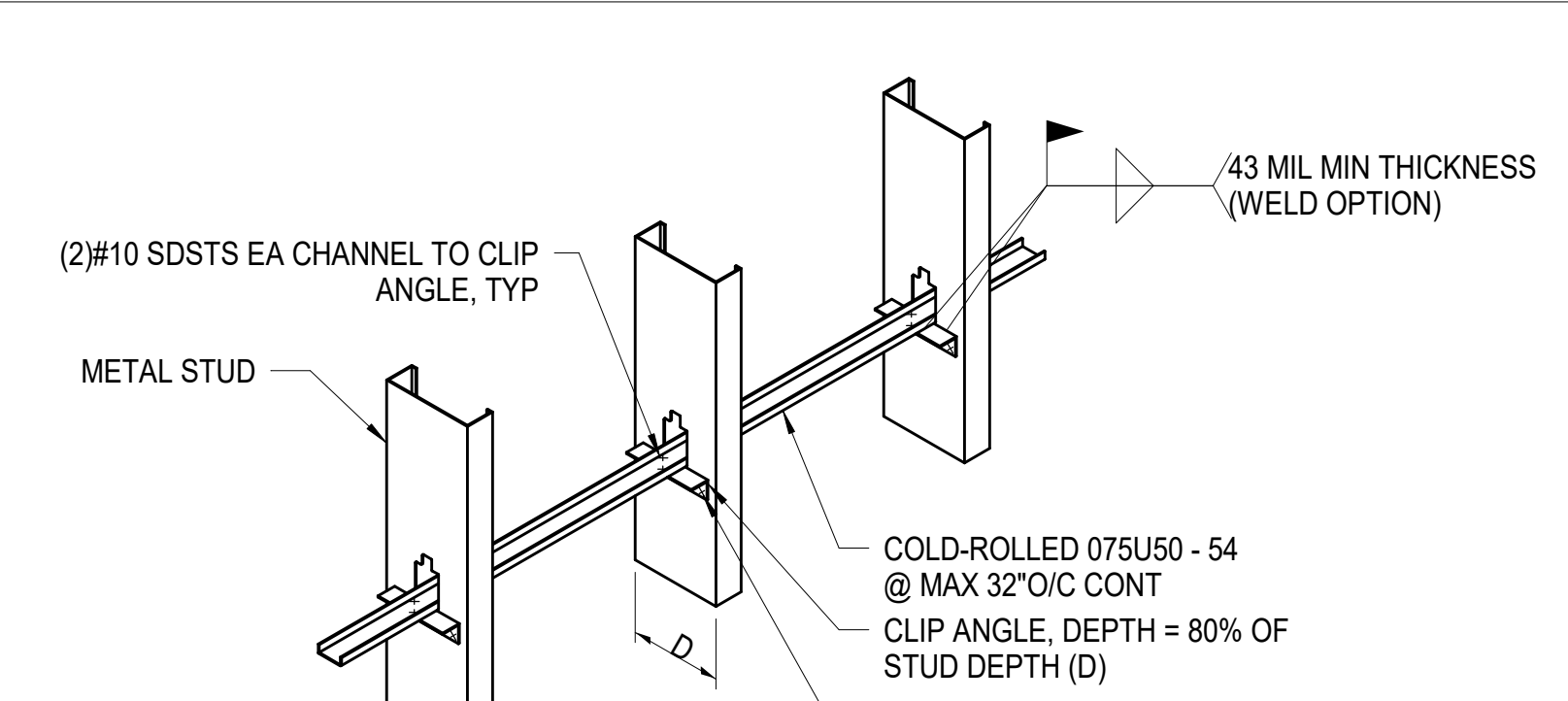
STUD TO BOTTOM TRACK



STUD PERPENDICULAR TO STEEL DECK

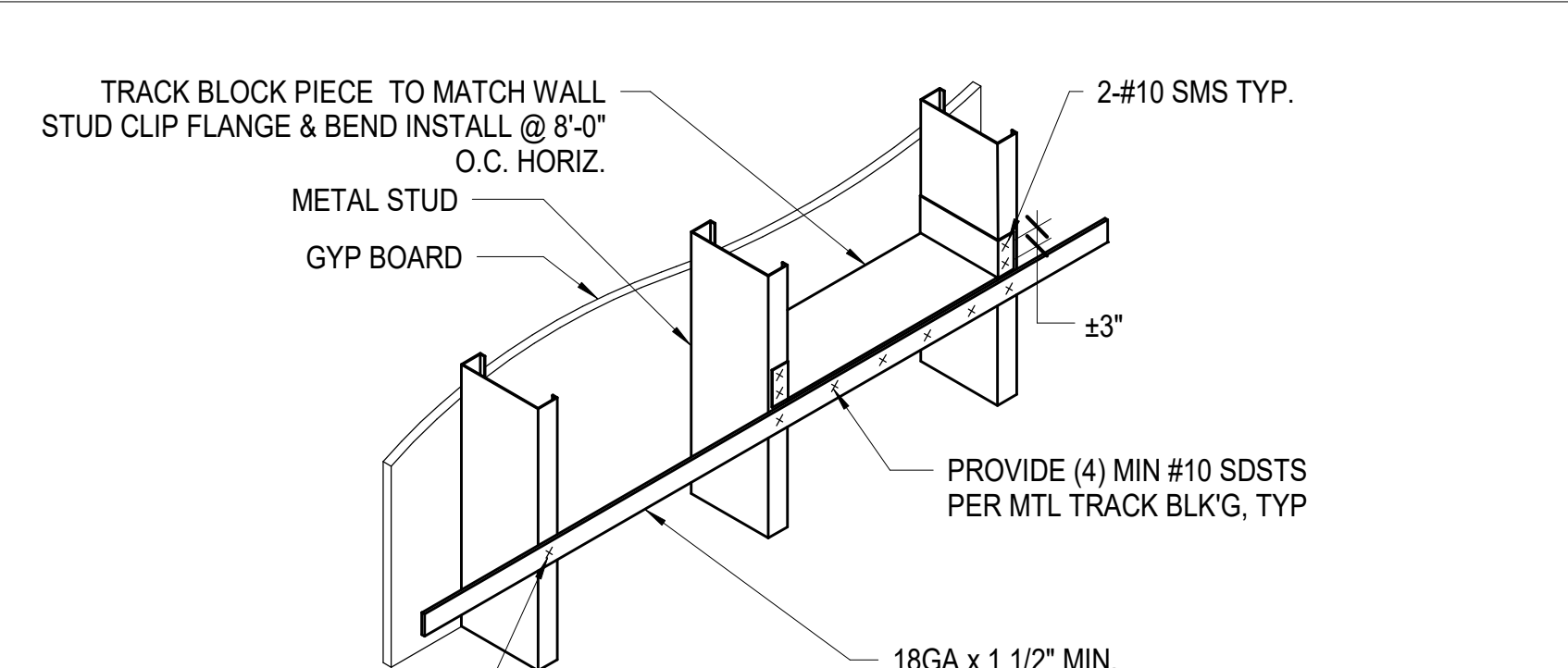


STUD PARALLEL TO STEEL DECK BETWEEN FLUTES



BRIDGING CHANNEL W/ CLIP ANGLE (WITHOUT PLYWOOD/GYP BOARD)

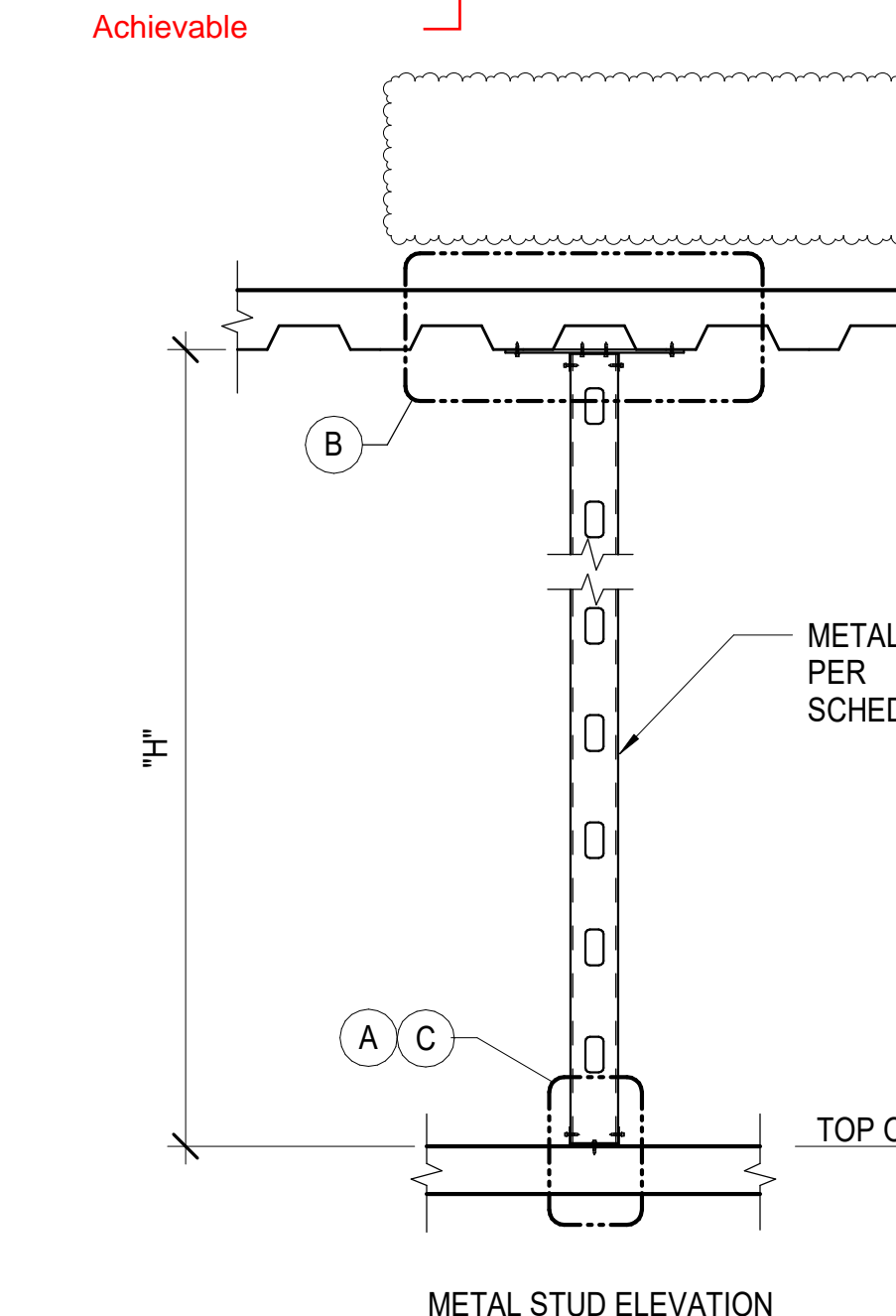
11 SCALE: N.T.S.



SINGLE FLAT STRAP BRIDGING W/ BLOCKING (WITH PLYWOOD/GYP BOARD ON ONE SIDE)

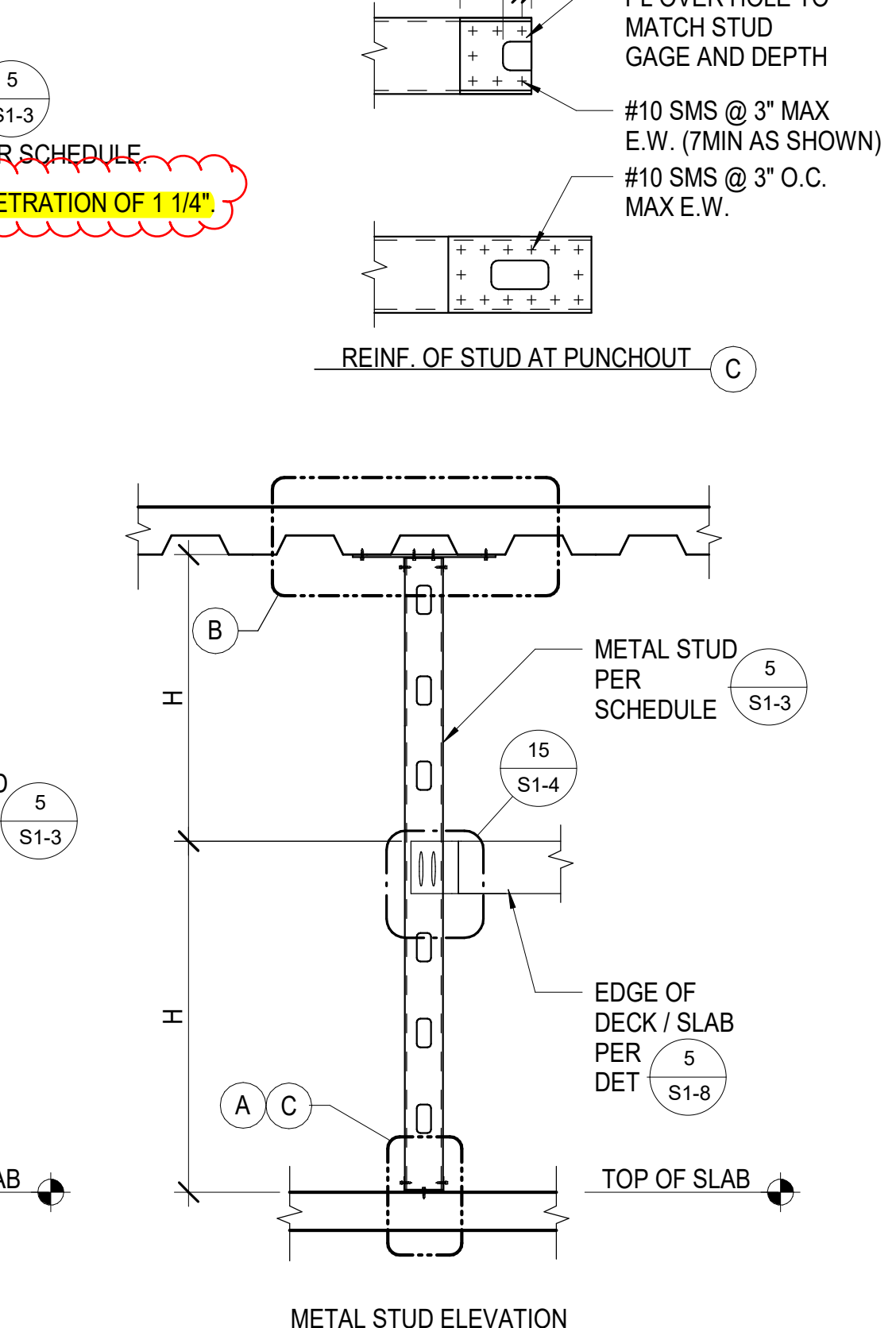
12 SCALE: N.T.S.

- NOTES:
- FOR STEEL STUD AND TRACK TYPE SEE PLANS, SECTIONS AND METAL STUD SIZE SCHEDULE ON DETAIL S1-3
  - FOR METAL STUD FASTENERS SEE METAL STUD FASTENER SCHEDULE
  - ALL POWER DRIVEN FASTENERS TO HAVE A MINIMUM PENETRATION OF 1 1/4\"**



STEEL STUD FLANGE BRACING DETAIL (INTERIOR ONLY)

13 SCALE: N.T.S.



METAL STUD ELEVATION

15 SCALE: N.T.S.

MARK	FASTENERS SIZE & SPACING	REMARKS
1	HILTI 0.157\"/>	

PAF: POWER ACTUATED FASTENER (LOW VELOCITY) OR POWER DRIVEN FASTENER HOLES FOR A.B. SHALL BE 1/16\"/>

- NOTES:
- MAXIMUM STUD HEIGHT "H" FOR STUDS @ 16\"/>

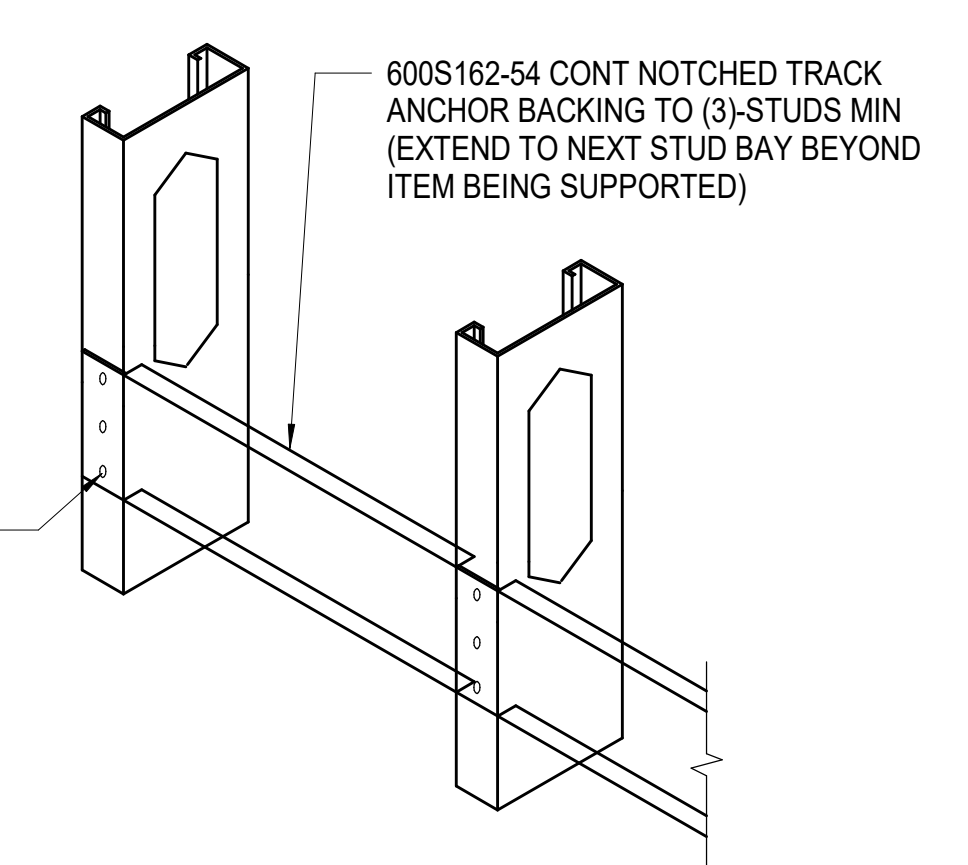


1 1/2\"/>



1 1/2\"/>

Note: 1 5/8\"/>



BACKING DETAIL

16 SCALE: N.T.S.

NOTES:

- PROVIDE STUDS, TRACKS AND BRACING PER SCHEDULE BELOW:

METAL STUD SCHEDULE UNO ON PLAN REF: STEEL STUD MANUFACTURER'S ASSOCIATION (ESR-3064P)						
TRACK	NOMINAL STUD SIZE	SSMA PRODUCT IDENTIFICATION	STUD SPACING	MINIMUM PROPERTIES		
				Sx (in)	Ma (in-k)	
BOTTOM TRACK	6"x1 1/2"x16GA	600T150-54	-	2.400	0.609	18.24
TOP TRACK	6"x1 1/2"x16GA	600T150-54	-	2.400	0.609	18.24
CAPPING TRACK	6"x2"x16GA	600T200-54	-	2.641	0.717	21.48

MAX HT FOR INTERIOR METAL STUD SIZE (1 5/8\"/>						
GAUGE	MEMBER WEB DEPTH					
	2 1/2\"/>					
14	11'-5"	17'-5"	18'-10"	26'-2"	33'-4"	33'-4"
16	-	16'-4"	17'-8"	24'-6"	31'-1"	31'-1"
18	-	15'-3"	16'-6"	22'-10"	29'-0"	29'-0"

HEADER BEAM SCHEDULE (INTERIOR NON-BEARING PARTITIONS) MAX WIND = 5PSF			
SPAN "L"	CONDITION	LITTEL SIZE	
≤ 4' 0"	DET. A - 2	16 GA TRACK, WIDTH TO MATCH	
> 4' 0" ≤ 8' 0"	DET. A - 1	(2) 6"x20 GA METAL STUDS (600S162-33)	
> 8' 0" ≤ 12' 0"	DET. A - 1	(2) 6"x18 GA METAL STUDS (600S162-43)	
> 12' 0" ≤ 16' 0"	DET. A - 1	(2) 8"x16 GA METAL STUDS (600S162-54)	

- ALL STUDS AND TRACKS SHALL CONFORM TO ASTM A1003.
  - 16GA AND HAVIER MINIMUM YIELD POINT OF 33 KSI
  - 16GA AND HAVIER MINIMUM YIELD POINT OF 50 KSI
- ALL STUDS AND TRACKS SHALL BE MANUFACTURED BY CURRENT MEMBERS OF THE STEEL STUD MANUFACTURERS ASSOCIATION (SSMA) LISTED IN ICC REPORT NO. ESR-3064P. ALL STUDS AND TRACKS SHALL COMPLY WITH ICC REPORT NO. ESR-3064P.
- ALL FRAMING COMPONENTS SHALL BE CUT SQUARELY OR ON ANGLE (SUCH AS BRACING) TO SQUARELY FIT AGAINST ADJUTING MEMBERS. MEMBERS SHALL BE HELD FIRMLY POSITION UNTIL PROPERLY FASTENED.
- STUD AND TRACKS SHALL BE ATTACHED BY WELDING AND SHEET METAL SCREWS AS NOTED ON THE DRAWINGS.
- MANUFACTURER PROVIDED PUNCH-OUTS MAY BE LOCATED ALONG THE CENTERLINE OF THE WEBS OF THE FRAMING MEMBERS. PUNCH-OUTS SHALL HAVE A MINIMUM CENTER-TO-CENTER SPACING OF 24". PUNCH-OUT SHALL HAVE A MAXIMUM WIDTH OF HALF THE MEMBER DEPTH OR 2 1/2", WHICHEVER IS LESS, AND MAXIMUM LENGTH OF 4 1/2".
- SPICES IN STUDS AND BRACES SHALL NOT PERMITTED.
- ALL FRAMING SHALL BE COORDINATED WITH GLAZING MANUFACTURERS, MECHANICAL, ELECTRICAL, PLUMBING AND OTHER TRADES.
- PROVIDE 0.08" THICK x 1.1" SQUARE OR 1.425" ROUND WASHERS FOR ALL POWDER ACTUATED FASTENERS.
- LOCATE PUNCHOUTS 10" CLEAR OF CONNECTIONS. IF PUNCH IS CLOSER THAN 10" TO CONNECTION, SEE DETAIL S1-3 DET S1-3/10"

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RIO HONDO COMMUNITY COLLEGE DISTRICT

owner

tBP project number : 21020.00

file name:

drawn by: checked by:

date: 02 / 04 / 2022

Rev: date: description:

01/25/2023 ADDENDUM #C (ISA #03)

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drawing title:  
TYPICAL DETAILS-MTL STUDS (INTERIOR)

drawing no.:  
S1-3

drawing of