

**TRACK SECTION**

**SINGLE STUD**

**DOUBLE STUDS**

**STUD SECTION**

**NOTES:**

- TOP & BOTTOM TRACKS SHALL BE UNPUNCHED TRACK, ONE GAGE HEAVIER THAN STUDS, UNLESS NOTED OTHERWISE.
- FOR TRACK SPLICE, OVERLAP TRACK MIN. 1'-0". PROVIDE ANCHOR BOLT PER 15 S1.32 W/ IN SPLICE AT CONC. OR PROVIDE 4-#12 SMS AT OTHER LOCATIONS.
- 18GA AND LIGHTER STUDS ARE TO BE 33 KSI. 16GA AND HEAVIER STUDS ARE TO BE 50 KSI.

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**CORNER**

METAL STUD CORNERS & INTERSECTIONS14

**ELEVATION**

**PLAN**

**BOTTOM TRACK FASTENER SCHEDULE**

TYPICAL INTERIOR PARTITIONS	0.157"x1 1/2" POWDER DRIVEN PINS @ 32" O.C. OR 3/8" O. SCREW ANCHORS @ 4'-0" O.C. W/ 2 1/2" EMBEDMENT

**NOTES:**

- SCREW ANCHORS SHALL BE SIMPSON TITEN HD (ICC ESR-2713) OR EQUAL.
- POWDER DRIVEN FASTENERS SHALL BE HILTI XU (ICC ESR 2269) OR EQUAL.
- EMBEDMENT DEPTHS MEASURED FROM BOTTOM OF CURB WHERE CURB OCCURS.

BOTTOM TRACK CONSTRUCTION15

MINIMUM STUD PROPERTIES			
STUDS	AREA (IN <sup>2</sup> )	S <sub>x</sub> (IN <sup>3</sup> )	I <sub>x</sub> (IN <sup>4</sup> )
362S162-43	0.340	0.392	0.710
362S162-54	0.422	0.481	0.873
400S162-33	0.275	0.346	0.692
400S162-43	0.357	0.446	0.892
400S162-54	0.443	0.549	1.098
600S162-33	0.344	0.598	1.793
600S162-43	0.447	0.772	2.316
600S162-54	0.556	0.953	2.860
600S162-68	0.693	1.175	3.525
600S162-97	0.966	1.599	4.797
600S250-97	1.169	2.165	6.496
600S350-118	1.748	3.435	10.304

METAL STUDS AND ACCESSORIES SHALL BE PER ICC ESR-3064P

**METAL STUDS ARE TO BE:**

- 18 GAUGE AND HIGHER: A653, ASTM A653 GRADE 33 GALVANIZED STEEL SHEET, 33 KSI MINIMUM YIELD STRENGTH.
- 16 GAUGE AND LOWER: ASTM A653, GRADE 50 CLASS 1, GRADE D, GALVANIZED STEEL SHEET, 50 KSI MINIMUM YIELD STRENGTH.

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**METAL STUD SOFFIT**

METAL STUD SOFFIT (A)5 S1.32

**SOFFIT HANGER**

SOFFIT HANGER (B)6 S1.32

**BRACE CONNECTION AT DECK**

BRACE CONNECTION AT DECK6

**BLOCKING DETAILS**

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**CEILING JOIST DIAGRAM**

CEILING JOIST DIAGRAM

**TYPICAL STUD CEILING FRAMING**

TYPICAL STUD CEILING FRAMING5

**BRACE CONNECTION AT DECK**

BRACE CONNECTION AT DECK6

**METAL STUD BRIDGING**

METAL STUD BRIDGING4 S1.32

**STUD BACKING DETAIL**

STUD BACKING DETAIL1

**BRACE CONNECTION AT DECK**

BRACE CONNECTION AT DECK6

**BLOCKING DETAILS**

BLOCKING DETAILS3

**METAL STUD BRIDGING**

METAL STUD BRIDGING4 S1.32

IDENTIFICATION STAMP  
DIV. OF THE STATE ARCHITECT  
APP: 03-120551 INC.  
REVIEWED FOR  
SS ☒ FLS ☒ ACS ☒  
DATE: 01/11/2021

REVISIONS

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DATE: 08/20/2020  
FOR BRANDOW & JOHNSTON

NORWALK LA MIRADA UNIFIED SCHOOL DISTRICT  
LA MIRADA HIGH SCHOOL NEW  
FOOTBALL STADIUM PROJECT  
13520 ADELFA DRIVE LA MIRADA, CA 90638

DSA # 03-120551

NAC  
ARCHITECTURE  
NAC NO. 161-19015  
DATE 12/10/2020

DSA BACKCHECK  
SUBMISSION

TYPICAL INTERIOR METAL  
STUD DETAILS

S1.32

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