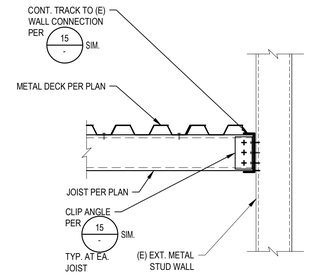
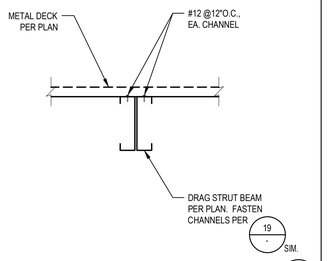
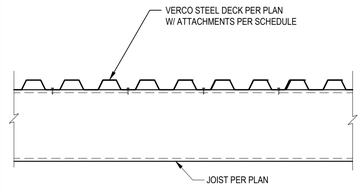



JOIST TO (E) METAL STUD WALL 21




BACK-TO-BACK DRAG STRUT 16




NOTES:
1. END BEARING SHALL BE 2" MIN.

| PERPENDICULAR | PARALLEL |
|---|---|
| (4)-#12 SMS | #12 SMS @ 12" O.C. |

TYP. METAL DECK FASTENER PATTERN 11

SHEAR WALL SCHEDULE

| MARK | WALL STUDS | DOUBLE END STUD, PER 2/- | EDGE FASTENER SPACING | FIELD FASTENER SPACING | HOLDOWN ANCHOR | TOP TRACK SIZE | BOTTOM TRACK SIZE | BOTTOM TRACK SHOTPIN SPACING | REMARKS |
|---|---|---|---|---|---|---|---|---|---|
| A | 600S200-43 @ 16" O.C. | 6"-18 GA. | 6" | 12" | HTT4 | 6"-18 GA. | 6"-18 GA. | 16" | |
| | | | | | | | | | |
| | | | | | | | | | |

NOTES:
1. FOR TYPICAL SHEAR WALL ELEVATION SEE 13 -
2. HOLDOWN ANCHORS SHALL BE PER 2 -
3. SHEAR WALL PANELS SHALL BE SURE-BOARD SERIES 200 STRUCTURAL PANELS (IAPMO ER-0126). THE FASTENERS USED TO ATTACH PANELS TO STEEL FRAMING ARE SELF-DRILLING/SELF TAPPING NO. 2 PILOT POINT FLAT HEAD, S12 DRILL POINT SCREWS. THE NO. 8 SCREWS HAVE A MIN DIAMETER OF 0.138, WITH A MINIMUM 0.3145-IN HEAD DIAMETER AND 1.25 INCH MINIMUM LENGTH, AND SHALL COMPLY WITH SAE J78, ASTM C954, AND C1513.

SHEAR WALL SCHEDULE 1

COFFMAN ENGINEERS
1455 Frazee Rd., Suite 600
San Diego, CA 92108
ph 619.232.4673
www.coffman.com

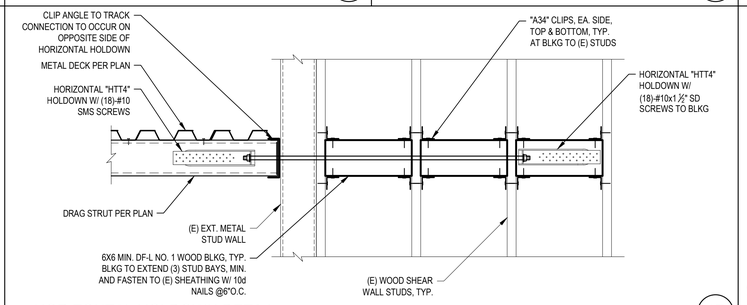
DSA

CONSULTANT

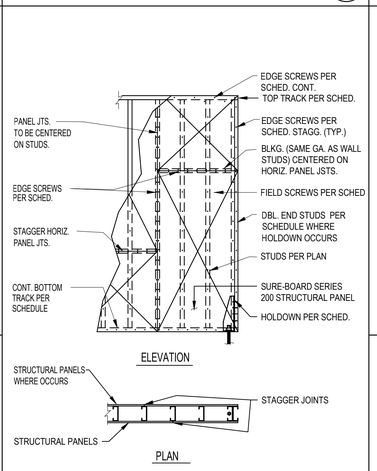
FOR DSA REVIEW ONLY - NOT FOR CONSTRUCTION

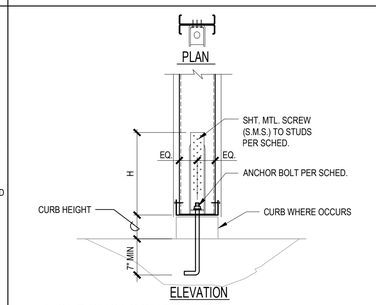
CONSULTANT

ARCHITECT/CONSULTANT




HORIZONTAL HOLDOWN DETAIL 17

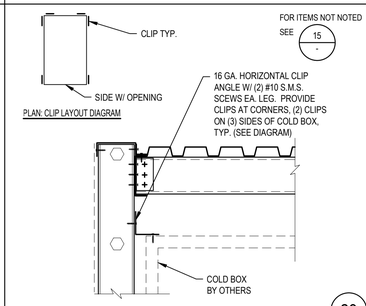


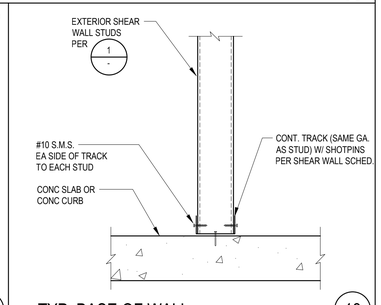

HOLDOWN SCHEDULE 2

| HOLDOWN TYPE | HEIGHT 'H' | CONNECTION TO STUDS | ANCHOR BOLT DIAMETER | |
|---|---|---|---|---|
| HTT4 | 12 3/8" | (18)-#10 SMS | 5/8" | |
| | | | | |
| | | | | |
| | | | | |

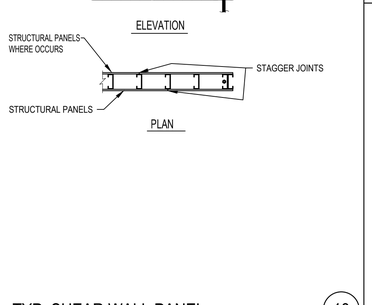
NOTES:
1. HOLDOWNS SHALL BE BY SIMPSON STRONG TIE .
2. ANCHOR ROD IN CONCRETE PER 14 S011 WHERE CURB OCCURS, EMBEDMENT DEPTH SHALL START AT TOP OF FOOTING/SLAB.
3. CONTRACTOR OPTION TO USE 3"X3"X¼" WASHER PLATE AT BASE OF THREADED ROD IN LIEU OF STANDARD HOOK



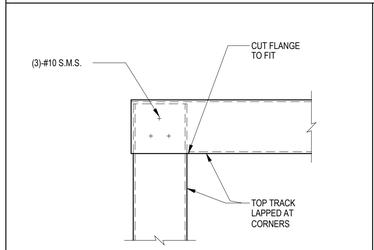

23




TYP. BASE OF WALL 18

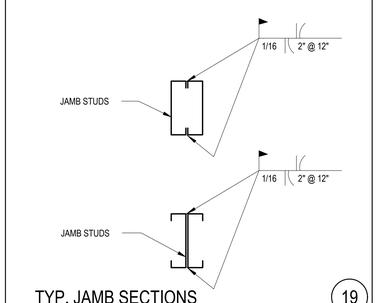



TYP. SHEAR WALL PANEL 13

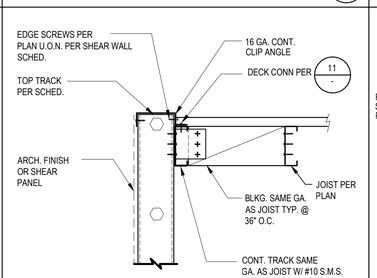



TYP. TOP TRACK LAP AT CORNERS 8

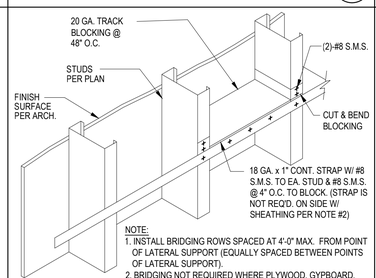
NOT USED 3




TYP. JAMB SECTIONS 19

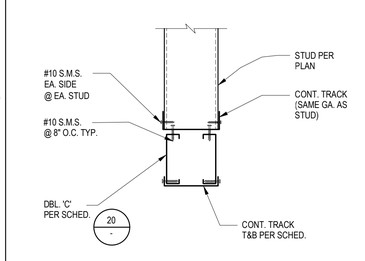



TYP. JOIST TO FULL HEIGHT WALL (PARALLEL) 14




NOTE:
1. INSTALL BRIDGING ROWS SPACED AT 4'-0" MAX. FROM POINT OF LATERAL SUPPORT (EQUALLY SPACED BETWEEN POINTS OF LATERAL SUPPORT).
2. BRIDGING NOT REQUIRED WHERE PLYWOOD, GYPBOARD, EIFS OR STUCCO SHEATHING PROVIDED ON BOTH FACES OF STUDS.

TYP. STUD LATERAL BRIDGING 9

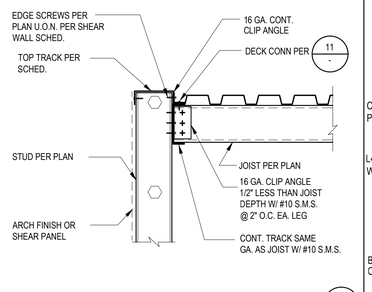



TYP. BOX HEADER SECTION 4

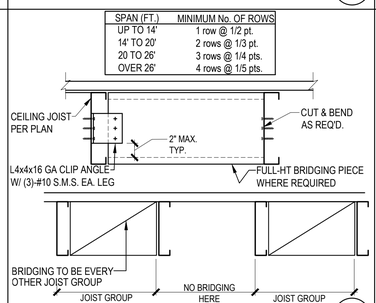
TYPICAL BOX HEADER SCHEDULE

| MAX SPAN | DOUBLE C STUD | TOP & BOTTOM TRACK | C STUD WEB FASTENERS | TRACK WEB FASTENERS | DETAIL |
|---|---|---|---|---|---|
| 6'-0" | 6" x 18 GA. | 6" x 18 GA. | 16-#8 S.M.S. (8 EA. SIDE) | 8-#8 S.M.S. (4 T&B) | 5 - |
| | | | | | |
| | | | | | |

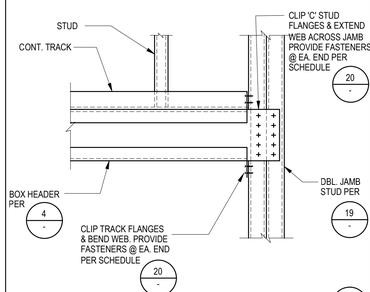
TYPICAL BOX HEADER SCHEDULE 20




TYP. JOIST TO FULL HEIGHT WALL (PERPENDICULAR) 15




BRIDGING ATTACHMENT 10




TYP. HEADER CONNECTION TO JAMB 5

SAN DIEGO UNIFIED SCHOOL DISTRICT

PREPARED FOR THE BOARD OF EDUCATION

PREPARED BY THE obr ARCHITECTURE 2419 EL CAJON BLVD, SAN DIEGO, CA 92104

STRUCTURAL DETAILS

SAN DIEGO UNIFIED SCHOOL DISTRICT
KITCHEN MODIFICATIONS GROUP 6
620 BRIARWOOD RD,
SAN DIEGO, CA 92139

BELL MIDDLE SCHOOL
BID SET

PROJECT NO. SDUF-002

DATE 04/12/25

| REVISIONS | |
|---|---|
| 1 | 04/23/25 |

SHEET NO. S5.1

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