



SS401	SF302	1/8" = 1'-0"
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STEEL STUDS. AT EXTERIOR WALL LOCATIONS, PROVIDE 600S162-54 @ "16" O.C., U.N.O. SEE TYPICAL **BEARING AND EXTERIOR WALL FRAMING AT OPENINGS FOR LIGHT GAUGE STEEL DETAIL**. AT INTERIOR WALL LOCATIONS, SEE ARCHITECTURAL AND TYPICAL **INTERIOR NON-BEARING WALL FRAMING AT OPENINGS FOR LIGHT GAUGE STEEL DETAIL**.

TOP OF STEEL (T.O.S.) OR BOTTOM OF STEEL (B.O.S.) "X"-X" IS THE DISTANCE FROM FINISHED FIRST FLOOR, UNLESS NOTED OTHERWISE.

STEEL BEAM.

STEEL FRAME. SEE ELEVATIONS AS INDICATED FOR FRAMING SIZES AND ORIENTATION.

SPECIAL MOMENT RESISTING FRAME (SMRF) CONNECTION. SEE TYPICAL **REDUCED BEAM SECTION DETAILS**, WHERE PERPENDICULAR BEAM FRAMES INTO MOMENT FRAME PROVIDE CONNECTION PER TYPICAL **BEAM CONNECTION AT MOMENT FRAMES / COLLECTORS**.

CANTILEVER BEAM MOMENT FRAME CONNECTION. SEE TYPICAL **GRAVITY MOMENT CONNECTION DETAIL**.

COLLECTOR CONNECTION. SEE TYPICAL **COLLECTOR BEAM TO STEEL GIRDER/COLUMN CONNECTION SHEETING**, WHERE PERPENDICULAR BEAM FRAMES INTO/COLUMN BEAM PROVIDE CONNECTION PER TYPICAL **BEAM CONNECTION AT MOMENT FRAMES / COLLECTORS**.

BEAM BOTTOM FLANGE BRACING. ARROW POINTS TOWARDS BOTTOM FLANGE OF BEAM BEING BRACED. SEE TYPICAL **BEAM BOTTOM FLANGE BRACING DETAIL**.

STEEL OR COMPOSITE DECK FLOORING. SEE TYPICAL **SMALL/LARGE OPENINGS IN STEEL DECK FOR FLOOR OR ROOF DECK DETAIL**, U.N.O. VERIFY ALL OPENINGS WITH ARCHITECTURAL AND MECHANICAL PLANS.

COMPOSITE DECK. INDICATES DIRECTION OF DECKING. SEE TYPICAL **STEEL ROOF DECK NOTES (PL W2 OR W3) AND TYPICAL DECK ATTACHMENT LAAYOUT DETAILS**, WHERE CONNECTIONS JOIN OCCUR. SEE TYPICAL **CONSTRUCTION JOINTS IN CONCRETE OVER STEEL DECK DETAIL**. SEE **REINFORCEMENT PLANS** FOR ADDITIONAL INFORMATION.

1. SEE TYPICAL SHEETS FOR ALL GENERAL AND MATERIAL NOTES, AND ALL TYPICAL SCHEDULES AND DETAILS. THE INFORMATION ON THE TYPICAL SHEETS APPLY TO THE PROJECT AND ARE NOT TO BE DELETED OR MODIFIED. IF ANY CHANGES ARE REQUIRED, SHOW HOW. IF TYPICAL DETAILS ARE SPECIFIED ON PLANS OR NOTES, THEY WILL BE REFERENCED WITH THE WORD "TYPICAL" FOLLOWED BY **BOLD AND UNDERLINE** TEXT STATING THE TITLE OF THE TYPICAL DETAIL OR NOTE.
2. ALL UNCLEAR AND/OR MISSING DETAILS SHALL BE BROUGHT TO THE STRUCTURAL ENGINEER'S ATTENTION BEFORE PROCEEDING WITH CONSTRUCTION.
3. ALL TOP OF FRAMING ABOVE FINISH SLAB VARIES, SEE PLAN FOR INFORMATION.
4. VERIFY ROOF SLOPE(S) WITH ARCHITECTURAL PLANS.
5. SEE TYPICAL **MECHANICAL UNIT ATTACHMENT** DETAIL FOR ROOF MOUNTED EQUIPMENT. CONTRACTOR SHALL VERIFY ATTACHMENT WEIGHTS AND LOCATIONS OF ALL ROOF SUPPORTED MECHANICAL AND ELECTRICAL UNITS, AND NOTIFY THE STRUCTURAL ENGINEER OF RECORD IF ANY DISCREPANCIES ARE DETERMINED.
6. AT OPENINGS IN DECKING SEE TYPICAL **OPENINGS IN STEEL DECK** DETAILS FOR INFORMATION, UNLESS NOTED OTHERWISE. VERIFY OPENING SIZE AND LOCATION WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
7. FOR FRAMING AT DRAINS, SEE TYPICAL **LARGE OPENINGS IN STEEL DECK** DETAIL AND INFORMATION ON PLANS.
8. FOR ALL STEEL TO STEEL CONNECTIONS SEE TYPICAL **BEAM-TO-COLUMN CONNECTION** AND **BEAM-TO-GIRDER CONNECTION** SCHEDULES.
9. THE FIRST SHEET OF STEEL DECKING ADJACENT AND PARALLEL TO CHORDS, COLLECTORS AND BRACED FRAME LINES (BOTH SIDES IF APPLICABLE) SHALL BE A FULL WIDTH SHEET. PROVIDE 2 ROWS OF PUDGLE WELDS AT ALL INTERIOR LATERAL RESISTING FRAME LINES.
10. ALL CHORD & COLLECTOR BEAMS TO BE INSTALLED PRIOR TO WELDING OF METAL DECKING.
11. BEAMS ARE EQUALLY SPACED BETWEEN MAIN BEAMS OR COLUMNS, U.N.D.
12. ALL ITEMS ARE NEW UNLESS NOTED OTHERWISE.

D8	ROOF FRAMING NOTES
SF302	NOT TO SCALE

CONSULTANTS:

BROOKS-RANSOM ASSOCIATES
 STRUCTURAL ENGINEERS CIVIL ENGINEERS
 WWW.BROOKS-RANSOM.COM
 7415 N. PALM AVE., SUITE 100
 FRESNO, CALIFORNIA 93711
 PHONE: 559-449-8404 FAX: 559-449-8404

 Department of
Veterans Affairs