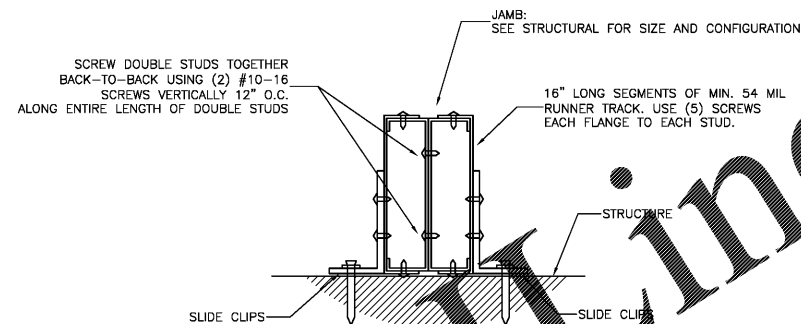
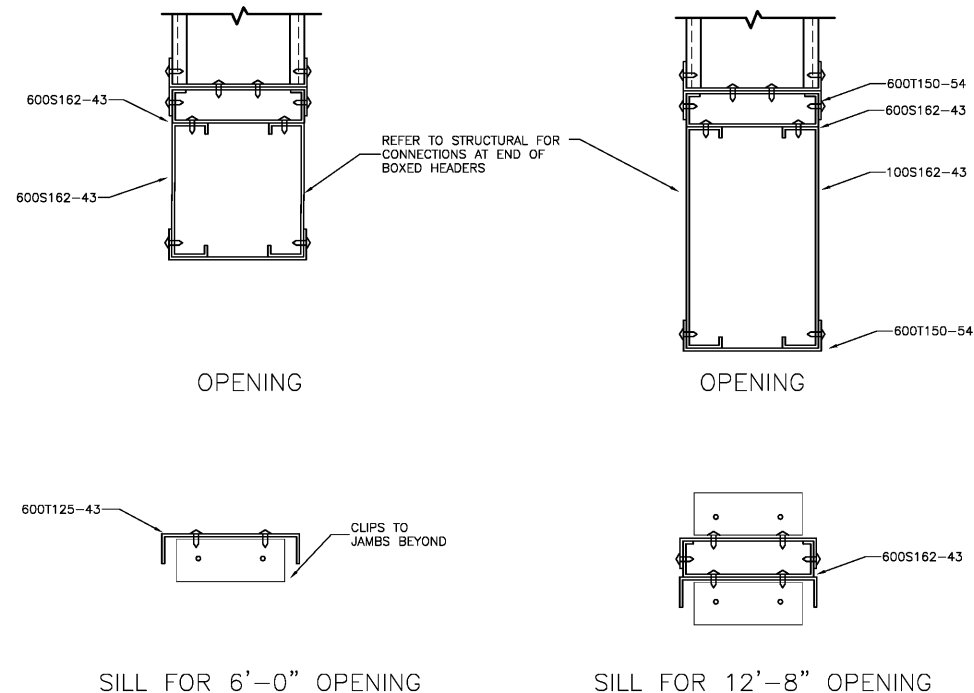




SMITH DESIGN GROUP, INC.

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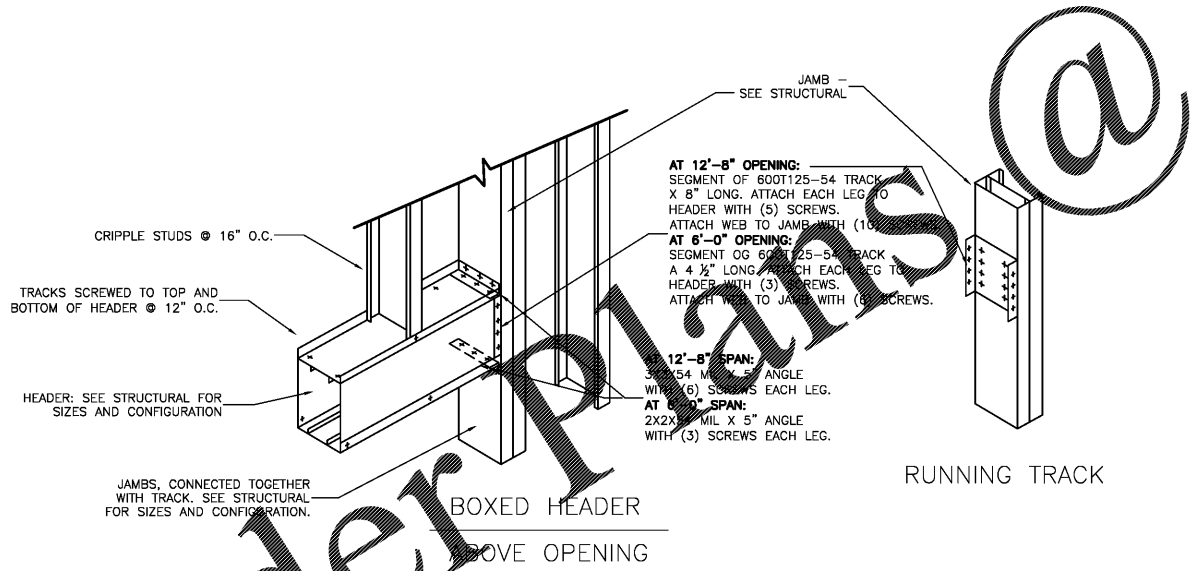
PLAN DETAIL:  
 MULTIPLE STUD BYPASS  
 N.T.S.

2  
 A9-6 SECTION AT HEADER AND SILL  
 N.T.S.

FOR THIS CONFIGURATION, STUD MEMBER USED AS HEAD OR SILL MUST BE CONTINUOUS. ANY TRACK SPLICES MUST BE AWAY FROM MIDDLE 1/3 OF HEAD / SILL SPAN.

**SECTION 6 COLD FORMED METAL FRAMING**

- A. SECTIONS AND DETAILS SHOWN ON THE DRAWINGS ARE FOR CONCEPT ONLY. ACTUAL MEMBER SIZE, SPACING, GAUGE AND CONNECTION DETAILS SHALL BE DESIGNED BY METAL STUD ENGINEER. METAL STUDS SHALL BE DESIGNED PER "SPECIFICATIONS FOR THE DESIGN OF COLD FORMED STRUCTURAL STEEL MEMBERS" FOR ALL APPLICABLE LOADS. APPLICABLE WIND LOADS SHALL BE DETERMINED BY THE 2000 INTERNATIONAL BUILDING CODE.
- METAL STUDS SUPPORTING BRICK VENEER OR SPLITFACE BLOCK SHALL BE DESIGNED TO LIMIT DEFLECTION TO L/500.
- B. DESIGN OF LIGHT GAUGE METAL FRAMING SHALL BE PERFORMED BY A LICENSED STRUCTURAL ENGINEER IN THE STATE IN WHICH THE PROJECT WILL BE CONSTRUCTED. DESIGN CALCULATIONS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER OF RECORD FOR APPROVAL PRIOR TO FABRICATION. DESIGN CALCULATIONS SHALL BE SIGNED AND SEALED BY THE DESIGN ENGINEER.
- C. LIGHT GAUGE METAL FRAMING SHOP DRAWINGS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER OF RECORD FOR APPROVAL PRIOR TO FABRICATION SHOWING WALL SECTIONS COORDINATED WITH DRAWINGS SHOWING FRAMING, ACCESSORIES, ANCHORAGE AND CONNECTION DETAILS.
- D. MATERIAL SPECIFICATIONS FOR LIGHT GAUGE STEEL:  
 16 GA. OR HEAVIER: ASTM A-446, Fy = 50 KSI MINIMUM.  
 18 GA. OR LIGHTER: ASTM A-446, Fy = 33 KSI MINIMUM.
- E. GALVANIZING: MINIMUM G-60 COATING.
- F. CONNECTION MATERIAL GAUGE  
 MATCH STUD GAUGE U.N.O. CLIP ANGLES SHALL BE 14 GA. MINIMUM.
- BUILT-UP MEMBERS  
 FASTEN TOGETHER WITH 1" LONG STITCH WELDS OR #12 SCREWS AT 12" O.C. MAXIMUM, EACH FLANGE AND EACH END TRACK.
- H. PROVIDE BRIDGING AT 4'-0" MAXIMUM VERTICAL SPACING IN WALLS.
- I. STUDS SHALL BE INSTALLED TO SEAT SQUARELY (WITHIN 1/16") AGAINST THE WEB PORTION OF THE TOP AND BOTTOM TRACKS. TRACKS SHALL REST ON A CONTINUOUS, UNIFORM BEARING SURFACE.
- J. TEMPORARY BRACING SHALL BE PROVIDED AND LEFT IN PLACE UNTIL WORK IS PERMANENTLY STABILIZED.
- K. SPLICING OF MEMBERS SPANNING BETWEEN SUPPORTS SHALL NOT BE PERMITTED.
- L. VERTICAL ALIGNMENT (PLUMBNESS) OF WALLS SHALL BE WITHIN 1/960TH (1/8" IN 10'-0") OF THE SPAN.
- M. HORIZONTAL ALIGNMENT (LEVELNESS) OF WALLS SHALL BE WITHIN 1/960TH (1/8" IN 10'-0") OF THEIR RESPECTIVE LENGTHS.
- N. SPACING OF STUDS SHALL NOT BE MORE THAN +1/8" FROM THE DESIGNED SPACING PROVIDING THAT THE CUMULATIVE ERROR DOES NOT EXCEED THE REQUIREMENTS OF THE FINISHED MATERIALS.
- O. PROVIDE DEEP TRACK ASSEMBLY AT TOPS OF ALL NON-LOAD BEARING STUD WALLS TO ALLOW FOR MOVEMENT OF STRUCTURE. ARCHITECT SHALL REVIEW IN PLACE METAL STUD CONSTRUCTION PRIOR TO THE INSTALLATION OF GYPSUM BOARD OR SHEATHING.



3  
 A9-6 BOXED HEADER DETAIL  
 N.T.S.

REVISIONS	
DATE	DESCRIPTION

PROJECT:  
**VERNON ROAD FIRE STATION**  
 VERNON ROAD  
 LAGRANGE GEORGIA

TITLE:  
**MISCELLANEOUS DETAILS**

MODIFIED DATE:	JOB NO: <b>1731</b>
ISSUED DATE: FOR BID AND PERMIT 07 MAY 2018	SHEET: <b>A9-6</b>

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