



**SMITH DESIGN GROUP, INC.**  
 2 WEST WALTON STREET  
 LAGRANGE, GEORGIA 30240  
 708-882-5511 www.SDGarch.net

- NOTES (SHEET S1-3):**
- METAL BUILDING ROOF BY PRE ENGINEERED METAL BUILDING MANUFACTURER
  - 8" DEEP Z-PURLINS AT 5'-0" +/- o.c. BY PRE ENGINEERED METAL BUILDING MANUFACTURER
  - SINGLE SLOPE METAL BUILDING FRAME BEAM BY PRE ENGINEERED METAL BUILDING MANUFACTURER
  - 1 1/2" DEEP 22 GAUGE WIDE RIB PAINTED ROOF DECK. FASTEN TO PERIMETER AND SUPPORTS WITH PUDDLE WELDS AT 6" o.c.
  - HSS 12x6x1/4 CONTINUOUS BEAM, MITER AND WELD AT CORNERS. SEE DETAILS ON S3-1 FOR CONNECTIONS TO COLUMNS. TOP OF STEEL = +20'-2".
  - HSS 12x6x1/4 BEAM BETWEEN AND WELDED TO CROSS BEAMS (SIMILAR WHERE WELDED TO FACE OF COLUMN). TOP OF STEEL = +20'-2".
  - HSS 12x6x1/4 BEAM CANTILEVERED OVER COLUMN. SEE DETAILS ON S3-1 FOR CONNECTIONS. TOP OF STEEL = +20'-2".
  - HSS 12x6x1/4 LOW BEAM BETWEEN COLUMNS. SEE DETAILS ON S3-1 FOR CONNECTIONS - PROVIDE CONNECTION TO METAL BUILDING COLUMN. TOP OF STEEL = +20'-2".
  - HSS 12x6x1/4 HIGH BEAM OVER COLUMNS. SEE DETAILS ON S3-1 FOR CONNECTIONS.
  - HSS 6x6x1/4 POST UP FROM LOW BEAM TO HIGH BEAM. SEE DETAILS ON S3-1 FOR CONNECTIONS.
  - HSS 12x6x1/4 BEAM OVER COLUMN AND WELDED TO LOW BEAM AT LINE 4. TOP OF STEEL = +20'-2".
  - HSS 12x6x1/4 BEAM - WELD TO FACE OF COLUMN PER DETAILS ON S3-1. TOP OF STEEL = +20'-2".
- NOTE:**  
 PROVIDE PEMB ROOF PERIMETER MEMBERS CAPABLE OF RESISTING 320 PLF WORKING HORIZONTAL WIND LOAD (FROM POSITIVE OR NEGATIVE PRESSURE) FROM TOP OF WALL STUD CONNECTIONS AT MASONRY VENEER EXTERIOR WALLS. SEE ARCHITECTURAL DRAWINGS FOR ADD ALTERNATE OPTIONS AND EXTENTS.

REVISIONS	
Δ	DESCRIPTION

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

**TITLE:**  
 ROOF FRAMING PLAN

MODIFIED DATE:	JOB NO: <b>1731</b>
ISSUED DATE: FOR BID AND PERMIT <b>7 MAY 2018</b>	SHEET: <b>S1-3</b>

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**ROOF FRAMING PLAN**  
 SCALE: 1/4" = 1'-0"

1  
S1-3

SBFA JOB # 18034.01  
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