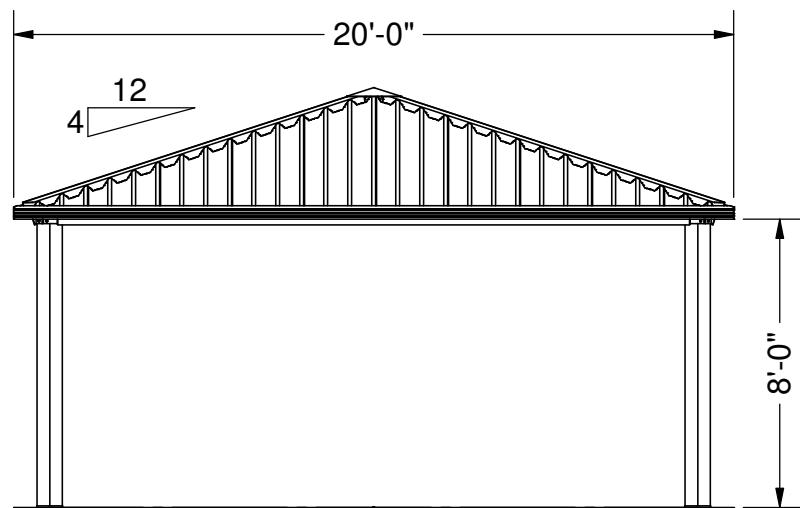
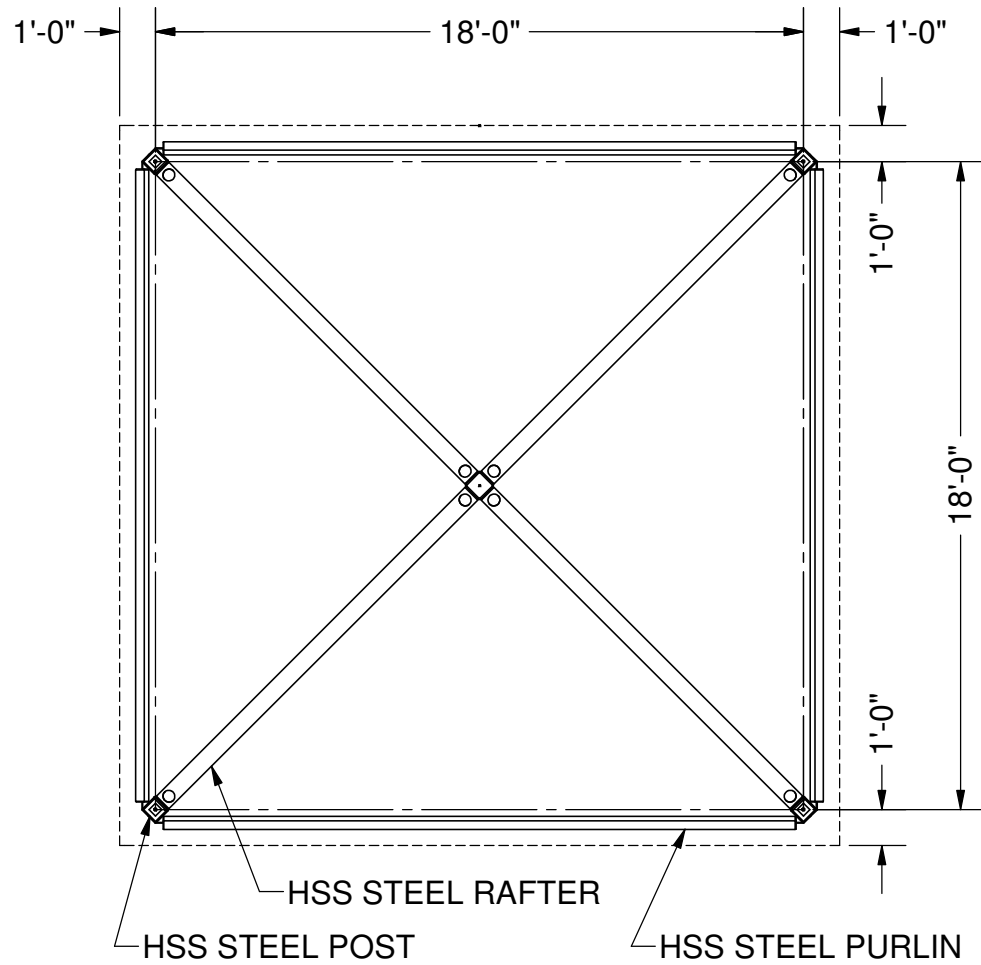


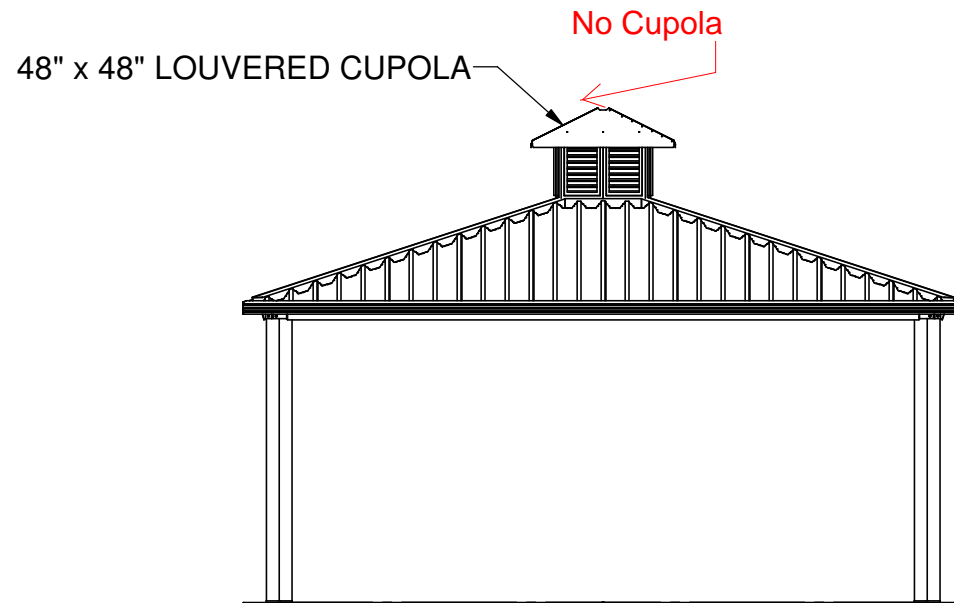
**ROOF PLAN**  
Scale:  $\frac{3}{16}'' = 1'-0''$



**ELEVATION**  
Scale:  $\frac{3}{16}'' = 1'-0''$



**FRAME PLAN**  
Scale:  $\frac{3}{16}'' = 1'-0''$



**ELEVATION w/ OPTIONAL CUPOLA**  
Scale:  $\frac{3}{16}'' = 1'-0''$

**GENERAL NOTES**

1. SHELTER DESIGN
  - A. THIS SHELTER HAS BEEN DESIGNED AS AN OPEN STRUCTURE. THE ADDITION OF ANY ENCLOSURE SUCH AS WALLS, INSECT MESH, OR SHADE SCREENS SHALL BE PROHIBITED AS INCREASED WIND FORCES MAY RESULT.
2. FOUNDATION
  - A. THE FOUNDATION SHALL REST ON SOUND SOIL THAT IS FREE OF ORGANIC AND DELETERIOUS MATERIALS AND CAPABLE OF SUPPORTING 1000 PSF VERTICAL BEARING PRESSURE.
  - B. FOUNDATION DESIGN SHOWN IS A RECOMMENDATION ONLY. OWNER SHALL VERIFY ACTUAL SOIL CONDITIONS AT EACH JOB SITE AND ANY REQUIRED ADJUSTMENTS TO THE FOOTING DESIGN SHALL BE DESIGNED BY OTHERS.
3. CONCRETE
  - A. COMPRESSION STRENGTH OF ALL REINFORCED CONCRETE SHALL NOT BE LESS THAN 2500 PSI AT 28 DAYS.
  - B. REINFORCING BARS SHALL BE DEFORMED BARS CONFORMING TO THE REQUIREMENTS OF MINIMUM ASTM A615 GRADE 40 FOR #4 AND SMALLER BARS AND GRADE 60 FOR BARS LARGER THAN #4.
  - C. MINIMUM CONCRETE CLEAR COVER FOR REINFORCING BARS SHALL BE 3".
4. STRUCTURAL STEEL
  - A. STEEL PLATE SHALL CONFORM TO THE REQUIREMENTS OF ASTM A36.
  - B. HOLLOW STRUCTURAL SECTIONS (HSS) SHALL CONFORM TO THE REQUIREMENTS OF ASTM A500, GRADE B.
  - C. WELDING SHALL CONFORM TO THE REQUIREMENTS OF THE AMERICAN WELDING SOCIETY'S SPECIFICATION FOR THE MATERIAL BEING WELDED.
  - D. WELDING ELECTRODES SHALL BE E70XX.
  - E. STRUCTURAL STEEL COMPONENTS SHALL BE COATED WITH ANTI-GRAFFITI POLYESTER TGIC POWDER COAT FINISH MEETING AAMA 2604-02 SPECIFICATION.
5. ALUMINUM
  - A. EXTRUDED ALUMINUM RIDGE CAP SHALL BE FABRICATED FROM ALUMINUM ALLOY 6105-T5.
  - B. EXTRUDED ALUMINUM GUTTER FASCIA AND FASCIA TRIM SHALL BE FABRICATED FROM ALLOY 6061-T6 OR 6105-T6.
  - C. ALUMINUM COMPONENTS SHALL BE COATED WITH ANTI-GRAFFITI POLYESTER POWDER COAT FINISH MEETING AAMA 2604-02 SPECIFICATION.
6. ROOF DECK
  - A. INTERLOCKING SEAL ALUMINUM ROOF DECK SHALL BE ROLL FORMED FROM ALUMINUM ALLOY 3004-H34.
  - B. ROOF DECK SHALL BE COATED WITH HEAT REFLECTIVE BASF ULTRA-COOL COATING OR APPROVED EQUAL.
7. FASTENERS
  - A. HIGH STRENGTH BOLTS SHALL CONFORM TO ASTM A325 OR A307 (SEE DETAILS).
  - B. SCREWS ATTACHING TO STEEL SHALL BE 12-24 HEX WASHER HEAD #5 POINT SELF DRILLING SCREWS.
  - C. SCREWS ATTACHING TO ALUMINUM SHALL BE 8-18 HEX WASHER HEAD #2 POINT SELF DRILLING SCREWS.
  - D. HIGH STRENGTH BOLTS SHALL BE HOT DIP GALVANIZED. ALL SCREWS SHALL BE STAINLESS STEEL OR COATED WITH ZINC.

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TITLE			
<b>20'-0" x 20'-0"</b> <b>NAVAJO SHELTER</b>			
SIZE	DATE	DWG NO	REV
<b>B</b>	12/17/2012	NAV20x20	
SCALE: AS NOTED		DRAWN: AY	SHEET 1 of 1