

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 1500 PSF VERTICAL BEARING PRESSURE AND 100 PSF/FT LATERAL BEARING PRESSURE.

B. FOUNDATION DESIGN SHOWN IS BASED ON THE MINIMUM PRESUMPTIVE SOIL STRENGTHS FROM THE SPECIFIED BUILDING CODE. OWNER SHALL VERIFY ACTUAL SOIL CONDITIONS AT EACH JOB SITE AND ANY REQUIRED ADJUSTMENTS TO THE FOUNDATION DESIGN SHALL BE DESIGNED BY OTHERS.

3. CONCRETE

A. COMPRESSION STRENGTH OF ALL REINFORCED CONCRETE SHALL NOT BE LESS THAN 3500 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 COVER FOR REINFORCING BARS SHALL BE 3 UNLESS NOTED OTHERWISE.

D. ANCHOR RODS SHALL BE ASTM F1554 GRADE 36 MINIMUM, GALVANIZED ROD, HEADED OR WITH HEAVY HEX NUT TACKED TO ROD.

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 OF ASTM A500, GRADE B (Fy = 46 KSI).

C. WELDING SHALL CONFORM TO THE REQUIREMENTS OF THE AMERICAN WELDING SOCIETY'S SPECIFICATIONS 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 AND SHALL CONFORM TO THE REQUIREMENTS SHOWN ON THE DRAWING.

B. EXTRUDED ALUMINUM GUTTER FASCIA SHALL BE FABRICATED FROM ALUMINUM ALLOY 6105-T6 AND SHALL CONFORM TO THE REQUIREMENTS SHOWN ON THE DRAWING.

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 AND SHALL CONFORM TO THE DECK PROFILE SHOWN ON THE DRAWING.

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 ATTACHED TO STEEL SHALL BE 12-24 HEX WASHER HEAD #5 POINT SELF DRILLING SCREWS WITH BOND SEAL WASHER.

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.

E. ALL BOLTS SHALL BE TIGHTENED TO A SNUG-TIGHT CONDITION AS DEFINED IN THE 2004 RESEARCH COUNCIL ON STRUCTURAL CONNECTIONS (RCSC) SPECIFICATION FOR STRUCTURAL JOINTS USING A325 OR A490 BOLTS.

8. SHOP FABRICATION AND FIELD ASSEMBLY

A. ALL STRUCTURAL STEEL AND ALUMINUM COMPONENTS SHALL BE SHOP FABRICATED SO THAT FIELD ASSEMBLY OF CONNECTIONS CAN BE PERFORMED USING ONLY BOLTING AND SCREW PLACEMENT.

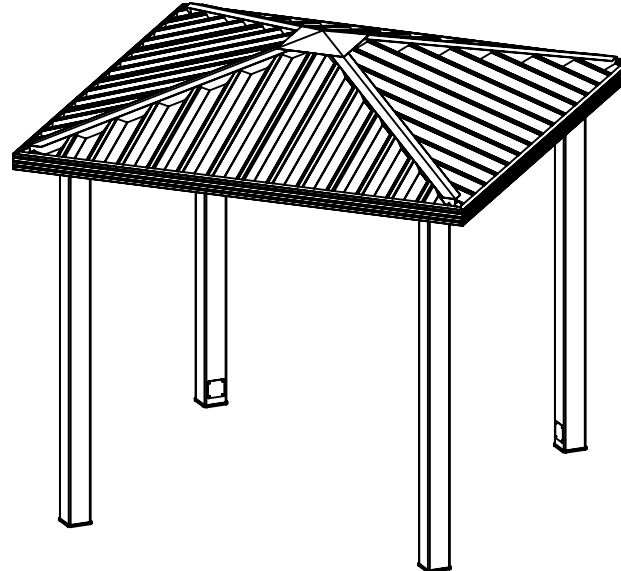
B. ALL SHOP WELDING TO BE PERFORMED BY AWS CERTIFIED WELDERS.

C. ALL SHOP WELDS SHALL BE IN STRICT ACCORDANCE WITH THE STRUCTURAL WELDING CODE AWS D1.1 OF THE AMERICAN WELDING SOCIETY SPECIFICATIONS. ALL STRUCTURAL WELDS SHALL BE IN COMPLIANCE WITH THE REQUIREMENTS OF "PRE-QUALIFIED" WELDED JOINTS. ALL WELDING SHALL CONFORM TO AWS A5.18 : ER70S-6 SERIES E70XX ELECTRODES - LOW HYDROGEN.

D. FIELD WELDING SHALL NOT BE REQUIRED.

9. SPECIAL INSPECTIONS

A. SPECIAL INSPECTIONS, IF ANY REQUIRED BY THE LOCALLY ADOPTED BUILDING CODES, ARE NOT INCLUDED IN THIS WORK AND SHALL BE DONE BY OTHERS.



AMERICANA OUTDOORS
2 INDUSTRIAL DR, SALEM IL 62881
(800)851-0865 - www.americana.com

TITLE:

10'x10'
NAVAJO SHELTER

SIZE

DWG. NO.

A

REV

SCALE: 1:1

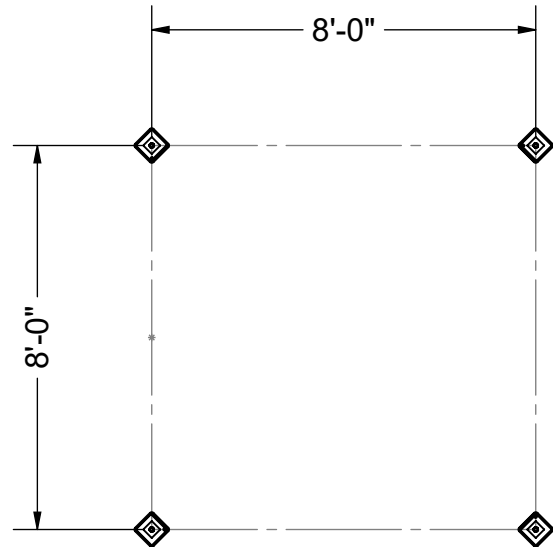
WEIGHT:

SHEET 1 OF 1

PRELIMINARY: NOT FOR CONSTRUCTION

NOTES:

A FOUNDATION DESIGN HAS NOT BEEN PERFORMED BY AMERICANA.
A LICENSED ENGINEER FAMILIAR WITH SOIL CONDITIONS AT CONSTRUCTION
SITE MUST PERFORM A FOUNDATION DESIGN.



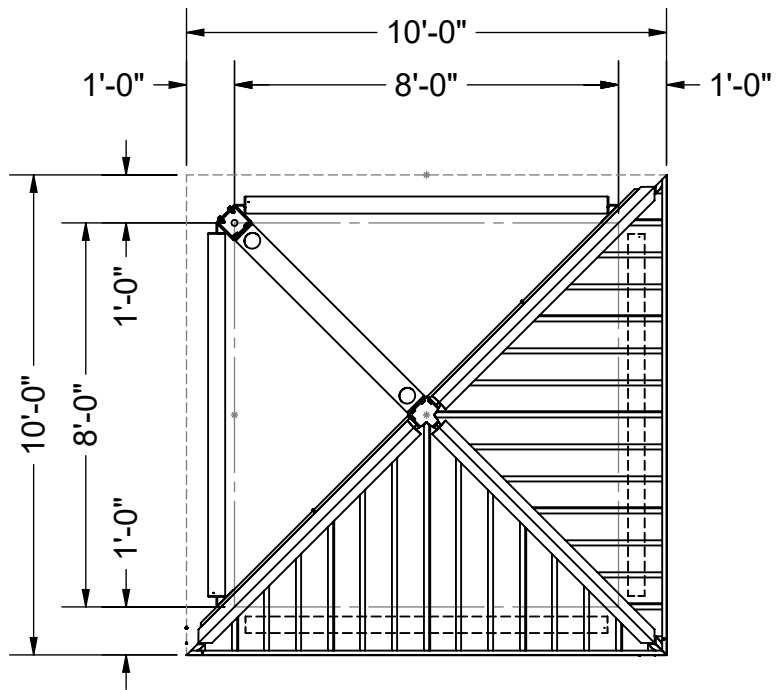
FOUNDATION PLAN

Scale: $\frac{1}{4}" = 1'-0"$

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SCALE: 1:1	WEIGHT:	SHEET 1 OF 1



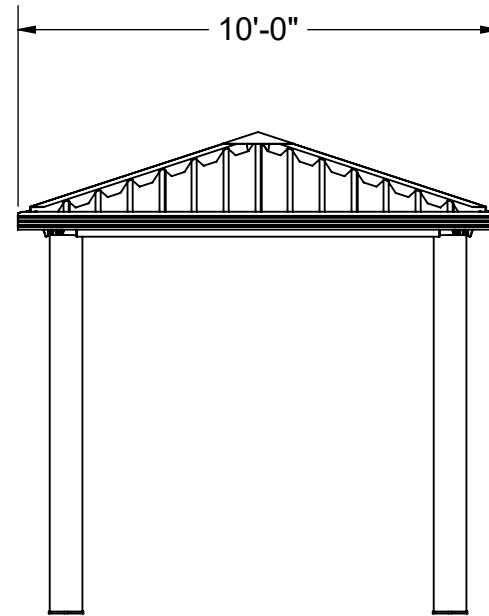
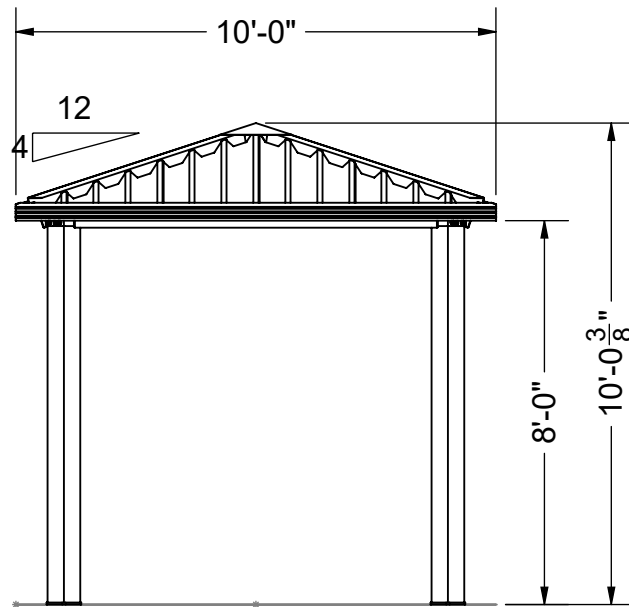
ROOF PLAN
 Scale: $\frac{1}{4}" = 1'-0"$

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 NAVAJO SHELTER**

SIZE A	DWG. NO.	REV
SCALE: 1:1	WEIGHT:	SHEET 1 OF 1

BOTTOM OF TIE BLOCK ELEVATION = 9'-0 $\frac{1}{2}$ "



ELEVATIONS

Scale: $\frac{1}{4}$ " = 1'-0"

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SIZE	DWG. NO.	REV
A		
SCALE: 1:1	WEIGHT:	SHEET 1 OF 1