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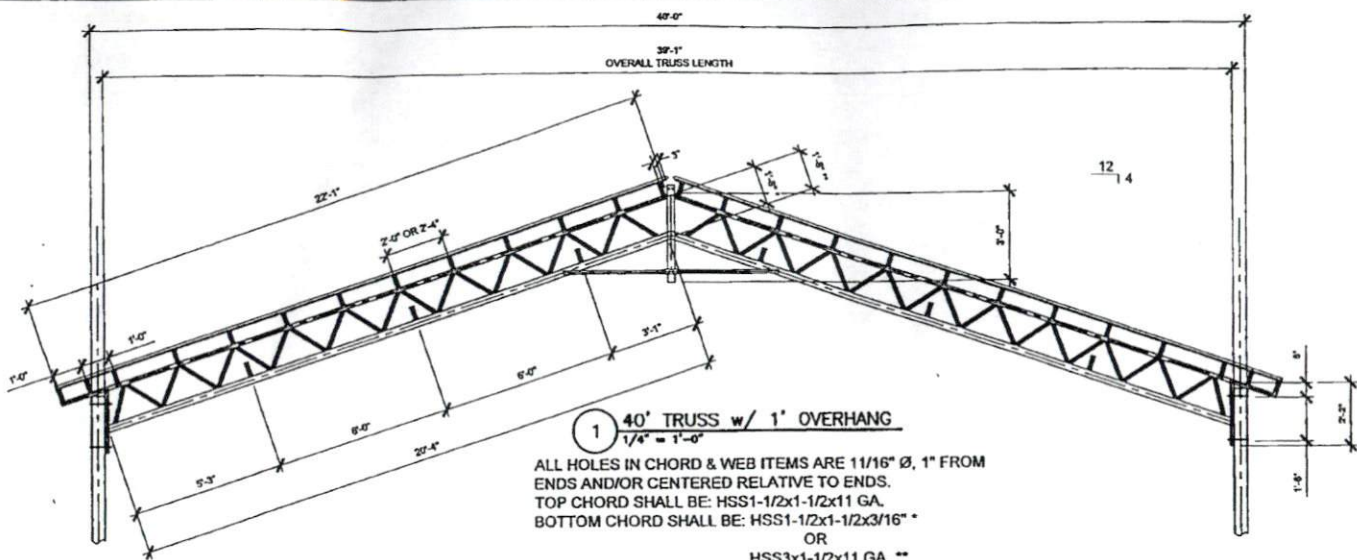


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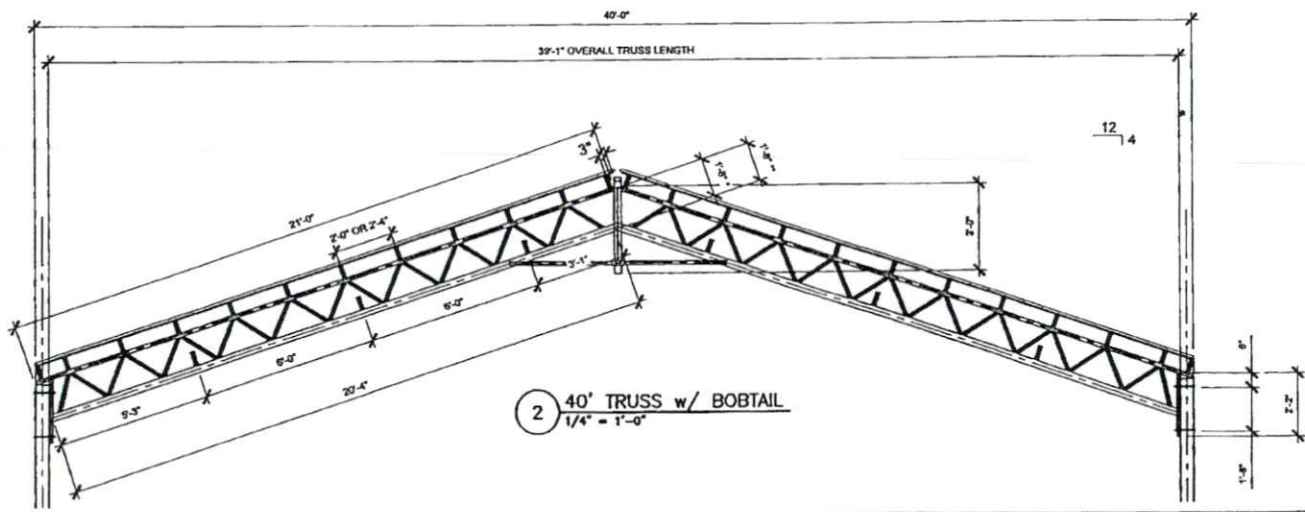


FOR: MICHAEL K. WEBER P.E.  
STRUCTURAL ENGINEER  
NORTH CAROLINA P.E. # 043557



1 40' TRUSS w/ 1' OVERHANG  
1/4" = 1'-0"

ALL HOLES IN CHORD & WEB ITEMS ARE 11/16" Ø, 1" FROM ENDS AND/OR CENTERED RELATIVE TO ENDS.  
TOP CHORD SHALL BE: HSS1-1/2x1-1/2x11 GA.  
BOTTOM CHORD SHALL BE: HSS1-1/2x1-1/2x3/16" OR  
HSS3x1-1/2x11 GA. \*\*  
DIAGONAL WEB MEMBERS SHALL BE: HSS1x1x14 GA.  
VERTICAL ENDS SHALL BE: L1-1/2x1-1/2x1/4"  
RIDGE COLLAR-TIE SHALL BE: L1-1/2x1-1/2x11 GA.



2 40' TRUSS w/ BOBTAIL  
1/4" = 1'-0"

EMBOSSMENT STAMP      DIGITAL  
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|----------------|------------|
| JOB NUMBER:    | 22007-40   |
| DRAWN BY:      | DAW        |
| CHECKED BY:    | MRW        |
| PLOT DATE:     | 01/17/2022 |
| SHEET TITLE    |            |
| 40' TRUSS PLAN |            |
| DRAWING NUMBER |            |
| S111           |            |

12'-50" HSS Tube Truss Drawings for  
Blackwater Truss Systems  
8736 Hwy 87 N.  
Milton, FL 32570







# STANDARD FOUNDATION FOR THE STATE OF NORTH CAROLINA FOR BLACKWATER TRUSS SYSTEM

8736 FL-87  
MILTON, FL. 32570

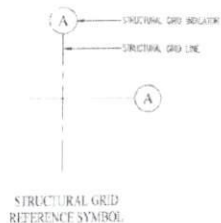
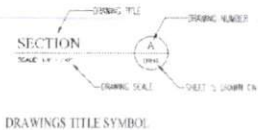
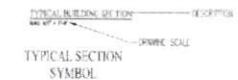
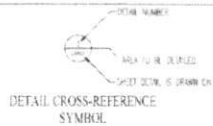
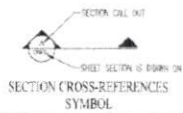
**CRAMER**  
ENGINEERS, LLC  
1400 EIGHTH AVENUE  
SUITE 100  
MILTON, FL 32570  
352-941-8811  
www.cramerengineers.com



DATE: 09-13-2023

DESIGNED AND DRAWN BY:  
CRAHER ENGINEERS, LLC

## STRUCTURAL GRAPHICS SYMBOLS



## ABBREVIATIONS

| TYPE      | DESCRIPTION            | TYPE  | DESCRIPTION                         |
|-----------|------------------------|-------|-------------------------------------|
| A.B       | ANCHOR BOLT            | L     | LENGTH                              |
| ALT       | ALTERNATE              | L.L.H | LONG LEG HORIZONTAL                 |
| ARCH      | ARCHITECTURAL          | L.L.V | LONG LEG VERTICAL                   |
| AVG       | AVERAGE                | L.P   | LOW POINT                           |
| BCDL      | BOTTOM CHORD DEAD LOAD | MAX   | MAXIMUM                             |
| BCLL      | BOTTOM CHORD LIVE LOAD | MECH  | MECHANICAL                          |
| BFF       | BELOW FINISH FLOOR     | MEZZ  | MEZZANINE                           |
| BLDG      | BUILDING               | MFR   | MANUFACTURER                        |
| BM        | BEAM                   | MIN   | MINIMUM                             |
| B.O       | BOTTOM OF              | MISC  | MISCELLANEOUS                       |
| BOT       | BOTTOM                 | MWFRS | MAIN WIND FORCE<br>RESISTING SYSTEM |
| BRG       | BEARING                | M.O   | MASONRY OPENING                     |
| C.J       | CONTROL JOINT          | N.S   | NEAR SIDE                           |
| CLR       | CLEAR                  | O.C   | ON CENTER                           |
| C.M.U     | CONCRETE MASONRY UNIT  | O.D   | OUTSIDE DIAMETER                    |
| CONC      | CONCRETE               | O.H   | OVER HEAD                           |
| CONST. JT | CONSTRUCTION JOINT     | O.G   | OUT TO GUT                          |
| CONT      | CONTINUOUS             | P.S.F | POUNDS PER SQUARE FOOT              |
| D         | DEPTH                  | P.S.I | POUNDS PER SQUARE INCH              |
| DET.      | DETAIL                 | R     | RADIUS                              |
| DIA.      | DIAMETER               | REINF | REINFORCEMENT                       |
| ELEV      | ELEVATION              | SIM.  | SIMILAR                             |
| EQ.       | EQUAL                  | T&B   | TOP AND BOTTOM                      |
| E.W       | EACH WAY               | TCDL  | TOP CHORD DEAD LOAD                 |
| EXIST     | EXISTING               | TC.L  | TOP CHORD LIVE LOAD                 |
| FIN       | FINISH                 | T.O   | TOP OF                              |
| FLR       | FLOOR                  | T.O.S | TOP OF STEEL                        |
| FND       | FOUNDATION             | TYP   | TYPICAL                             |
| F.S       | FAR SIDE               | U.N.O | UNLESS NOTED OTHERWISE              |
| FTG.      | FOOTING                | VERT. | VERTICAL                            |
| GA.       | GALGE                  | V.I.F | VERIFY IN FIELD                     |
| HORIZ     | HORIZONTAL             | W.W.F | WELDED WIRE FABRIC                  |
| H.P.      | HIGH POINT             | W     | WIDTH                               |
| INSUL     | INSULATION             | W.    | WITH                                |
| IN L.O    | IN LIEU OF             |       |                                     |

## STRUCTURAL DRAWING LIST:

C01 COVER SHEET  
S0.1 STRUCTURAL NOTES  
S1.0 FOUNDATION SECTIONS & DETAILS  
S1.2 FOUNDATION SECTIONS & DETAILS

NO. 7-2-15-07

REVISION

DATE: 09-13-2023  
DRAWN BY: J. CRAMER  
CHECKED BY: J. CRAMER  
SCALE: ALL DIMENSIONS FULL

COVER SHEET

C0.1

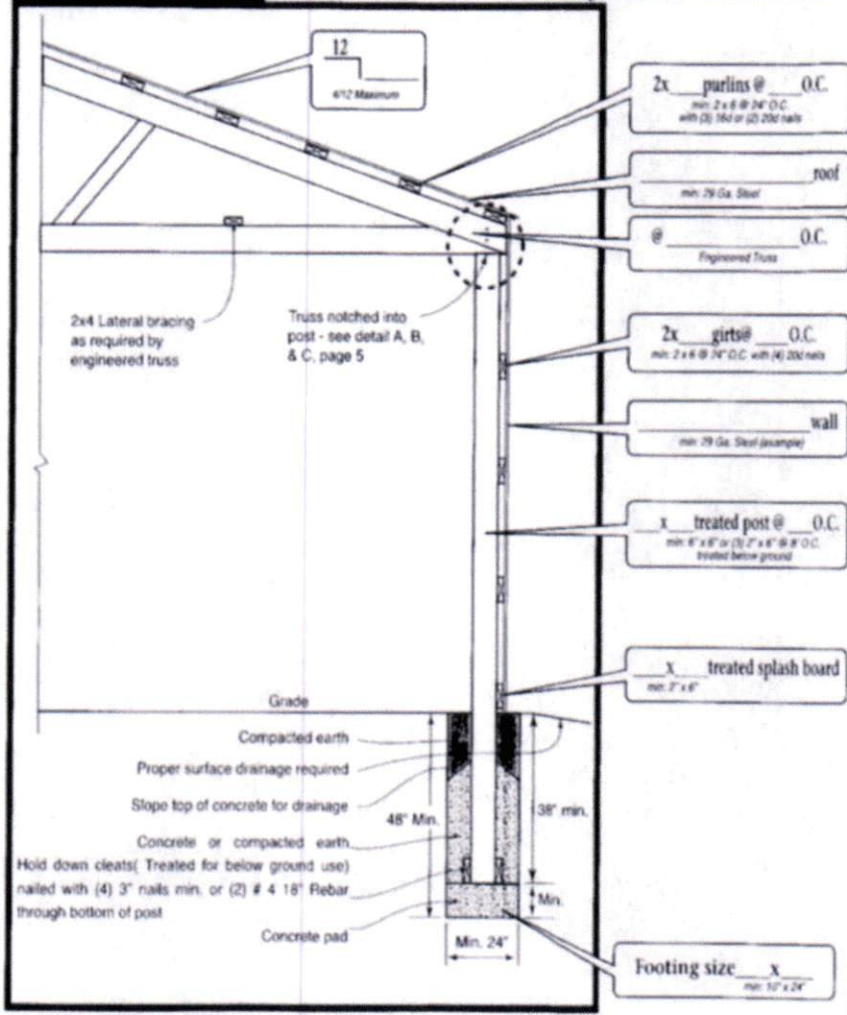




# Pole Barn Construction

## End Elevation

Note: Purlins must be on edge with roll blocking if trusses are more than 4' o.c.

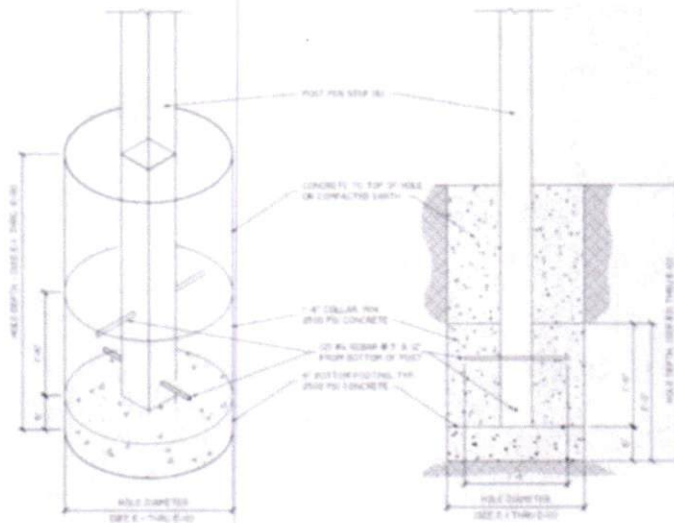


## SECTION F: FOUNDATION REQUIREMENTS

Bottom of Footing shall be excavated to depth required, and inspected. Inspection will be measuring physical depth of hole and width across to ensure holes meet requirements of this manual. Pour 6" Concrete footing at bottom of hole, allow 7 days before applying loads to concrete footing. Pour collar section once post is plumb & square. The post may be within 4" of edge of hole (out of plane center) for up to 6" x 6" Posts, and within 3" for 8" X 8" Post.

Refer to Tables E-1 thru E-10 for sizing of posts and foundation holes.

Figure F-1: Typical Hole Diagram

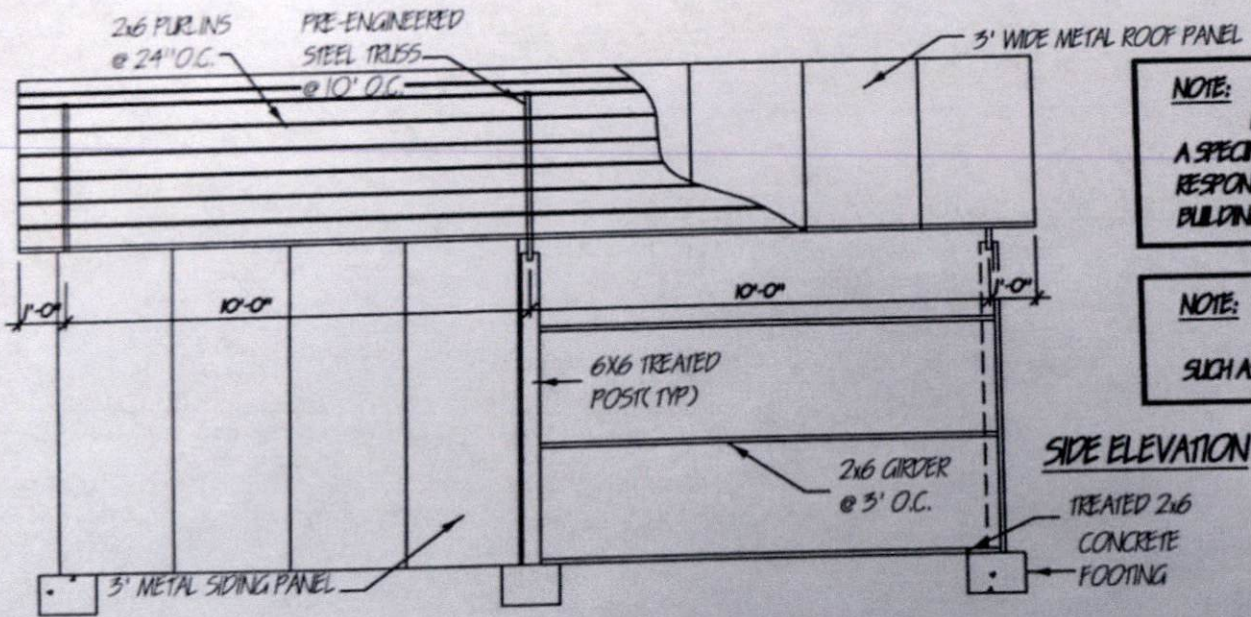
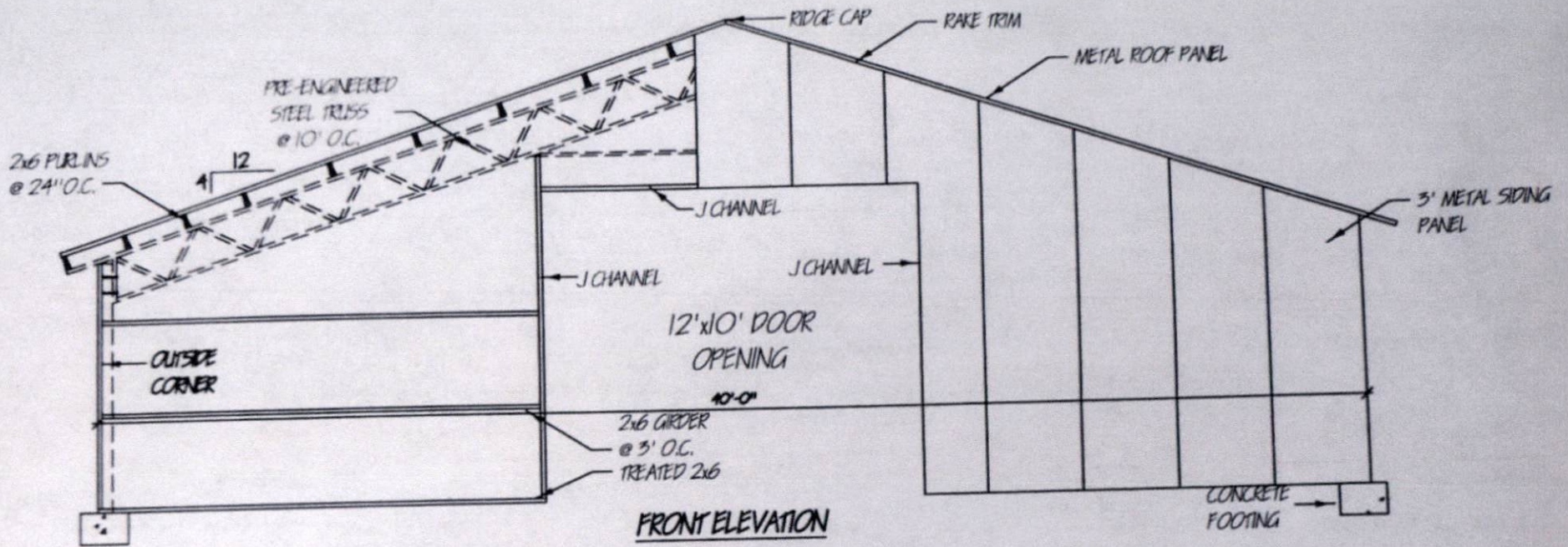


**Required Inspections:**

1. Holes only no concrete
2. 6" concrete fully cured, with post braced in place. No additional concrete poured prior to this inspection.





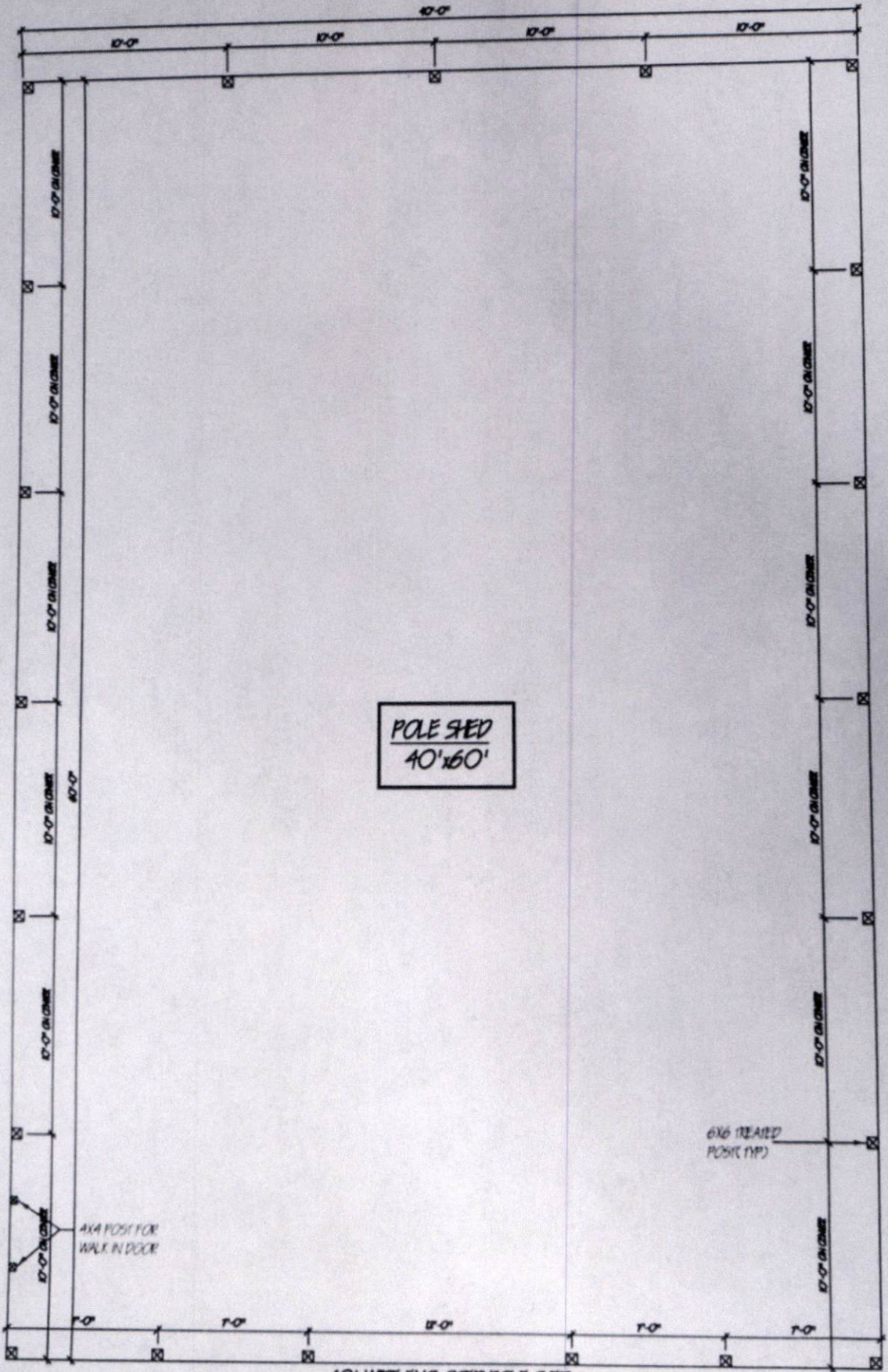


**NOTE:**  
 BUILDING IS NOT DESIGNED TO MEET A SPECIFIC BUILDING CODE. CUSTOMER IS RESPONSIBLE FOR MEETING THEIR LOCAL BUILDING CODE.

**NOTE:**  
 ADDITIONAL MATERIAL MAY BE NEEDED, SUCH AS LUMBER FOR TEMPORARY BRACING.

**POLE SHED**  
**40'x60'**





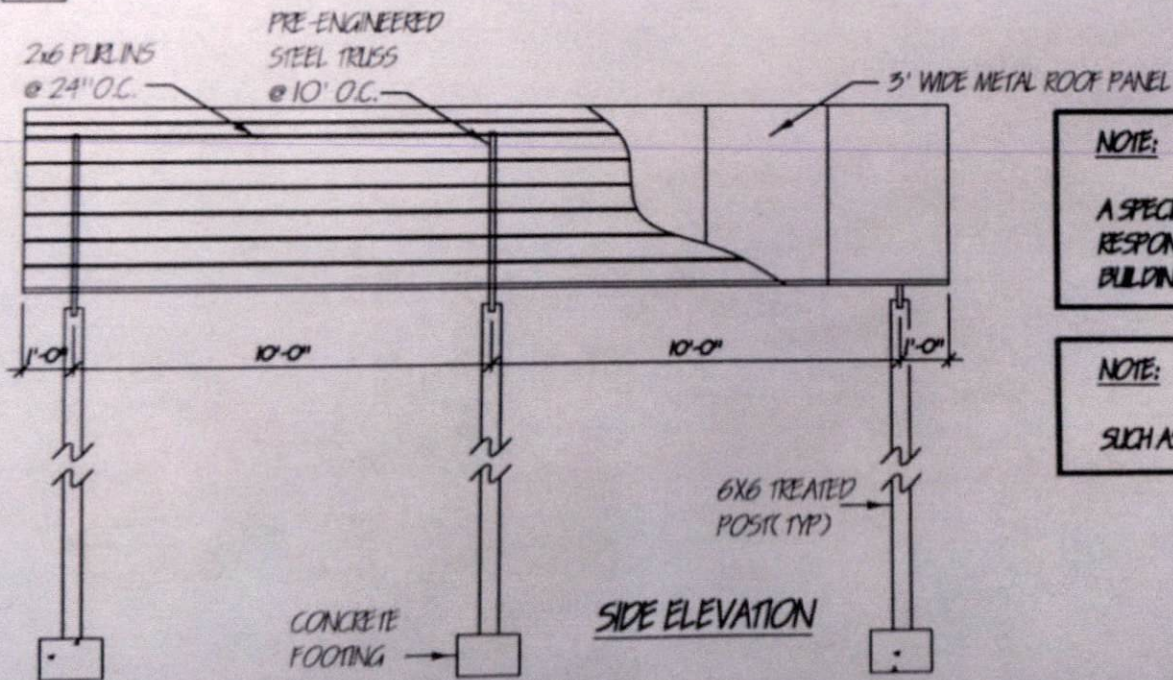
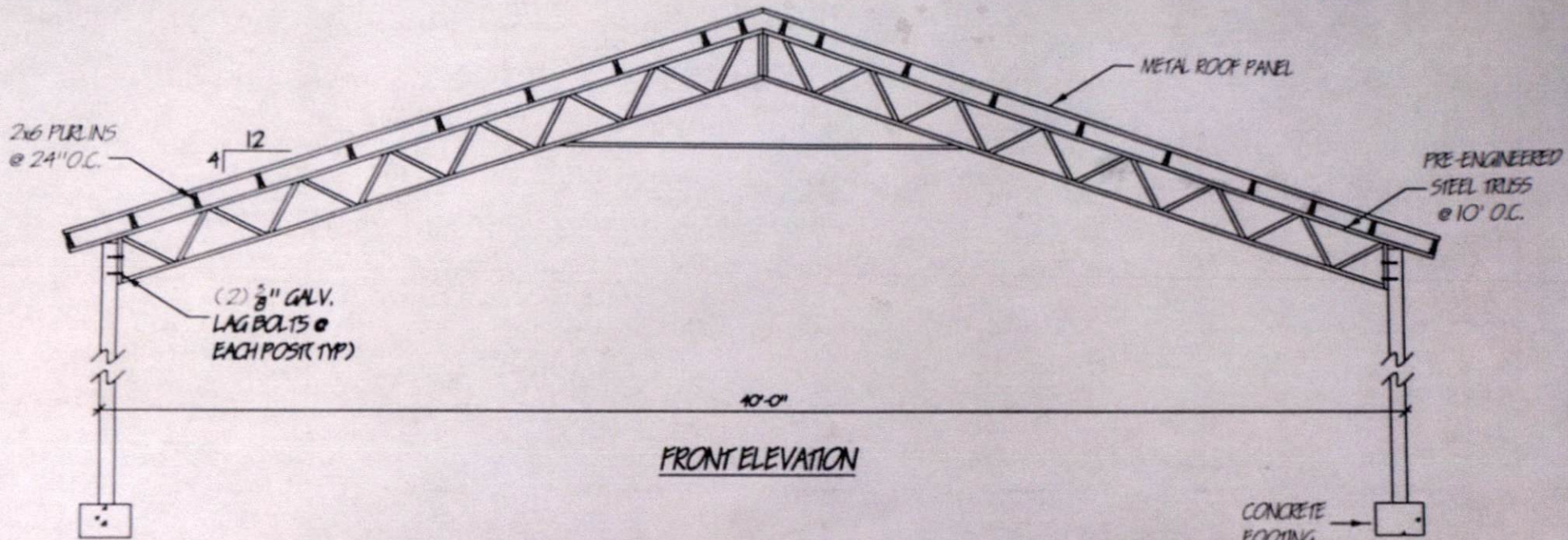
POLE SHED  
40'x60'

4x4 POST FOR  
WALK IN DOOR

6x6 TREATED  
POST (TP)

40' WIDE ENCLOSED POLE SHED  
POST PLACEMENT





**NOTE:**

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