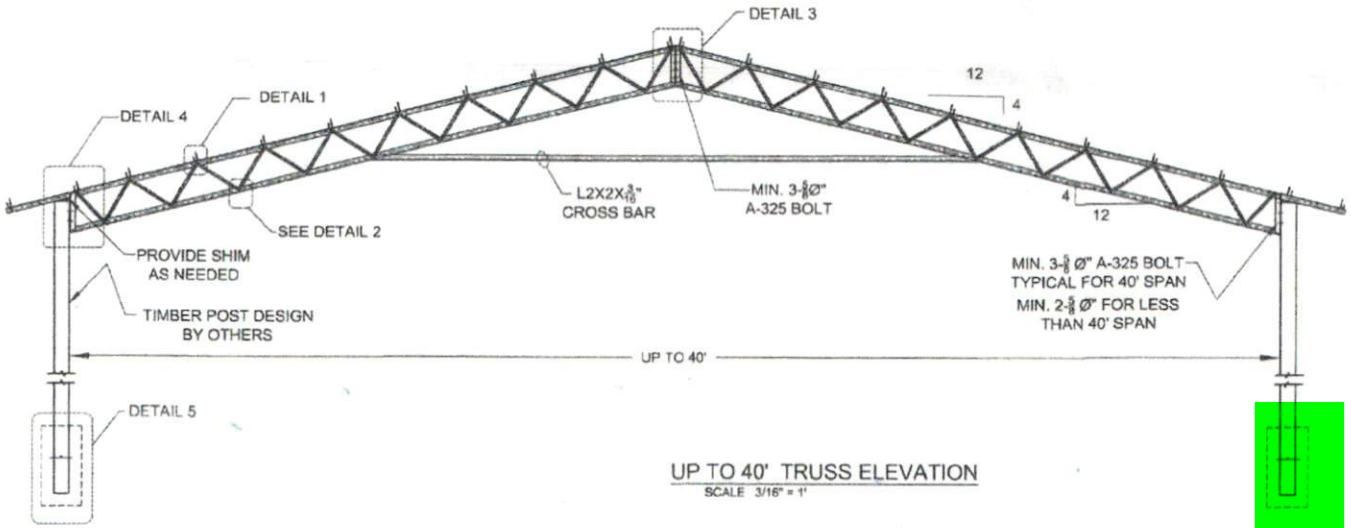
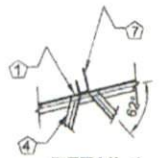
NOTICE TO CONTRACTOR
All construction must comply with current NC Building Codes and is subject to field inspection and verification.

APPROVED
Limited building only review
Permit holder responsible for full compliance with the code
03/28/2024

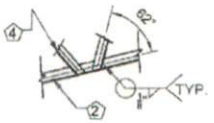
Harnett COUNTY NORTH CAROLINA




UP TO 40' TRUSS ELEVATION
SCALE 3/16" = 1'




DETAIL 1
SCALE = NONE



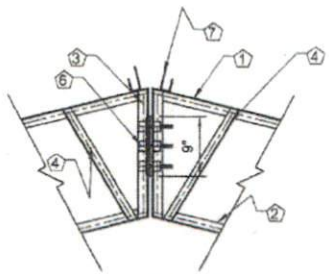

DETAIL 2
SCALE = NONE

DESIGN CRITERIA

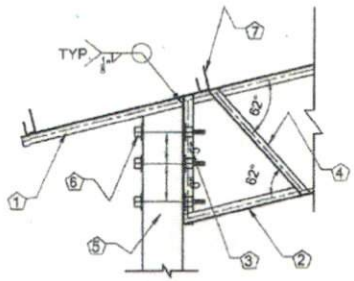
| | | | |
|---|---|---|---|
| 1. | WIND LOAD | Vult | = 140 MPH |
| 2. | LIVE LOAD | | = 10 PSF |
| 3. | DEAD LOAD | | = 5 PSF |
| 4. | SNOW LOAD | W snow | = 20 PSF |
| 5. | CONCRETE | FC' | = 3500 PSI |

NOTES:
MAXIMUM TRUSS SPACING SHALL BE 10 FT.

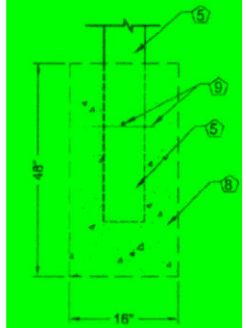
| | FRAMING |
|---|---|
| 1 | L 2X2X3/16" |
| 2 | L 2X2X3/16" |
| 3 | L 2X2X3/16" |
| 4 | L 1X1X1/8" |
| 5 | 6X6 P.T. WOOD POST |
| 6 | 3- 5/8"Ø A325 |
| 7 | BRACKET |
| 8 | 16"Ø X40" FND. |
| 9 | # 5 BAR 12" LONG |




DETAIL 3
SCALE = NONE




DETAIL 4
SCALE = NONE




DETAIL 5
SCALE = NONE

GENERAL NOTES

A. STRUCTURAL STEEL DESIGN, FABRICATION AND ERECTION SHALL BE IN ACCORDANCE WITH AISC "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS," NINTH EDITION.

B. HIGH STRENGTH BOLTING SHALL BE IN ACCORDANCE WITH AISC "SPECIFICATION " FOR STRUCTURAL JOINTS USING ASTM A325 OR A490 BOLTS" (LATEST EDITION).

C. ALL STRUCTURAL STEEL SHALL HAVE THE FOLLOWING MINIMUM YIELD STRENGTHS, SHALL BE HOT DIP GALVANIZED PER PER SABS 934 AT GROUND FLOOR, UNLESS OTHERWISE NOTED ON THE DRAWINGS.

| | |
|---|---|
| STRUCTURAL TUBING | Fy = 46KSI |
| ALL OTHER | Fy = 36KSI |

D. WELDING SHALL BE IN ACCORDANCE WITH AMERICAN WELDING SOCIETY SPECIFICATION AWS A5.1 (1996).

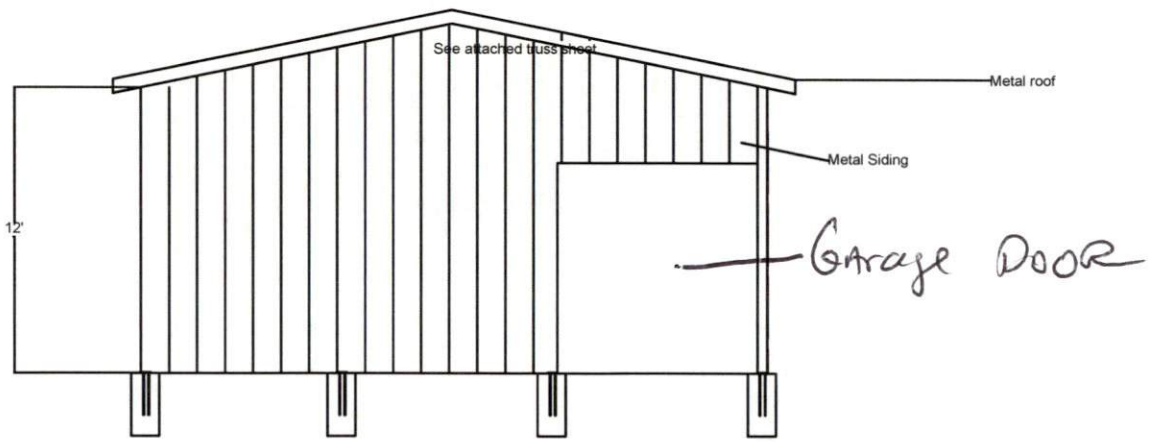
E. WELDING ELECTRODES USED FOR SHOP OR FIELD CONNECTIONS SHALL HAVE A MINIMUM ELECTRODE TENSILE STRENGTH OF 70 KSI. UNLESS NOTED OTHERWISE ON THE DRAWINGS, ELECTRODES SHALL CONFORM TO AWS A5.

KIFAYAT U. KHAN, PE
N.C. P.E. NO. 047046

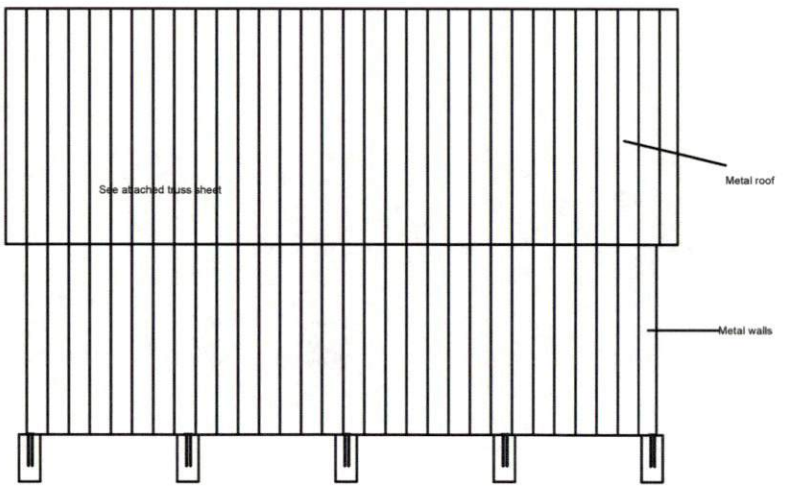
NORTH CAROLINA PROFESSIONAL SEAL 047046 ENGINEER KIFAYAT U. KHAN
3/10/2018


S.E.C.M. CORP.
6732 CEDAR RIDGE CIR.
MILTON, FL 32570
PH: 850-623-2232 FAX: 850-665-2345
EMAIL: KKAHN@SECMCORP.COM

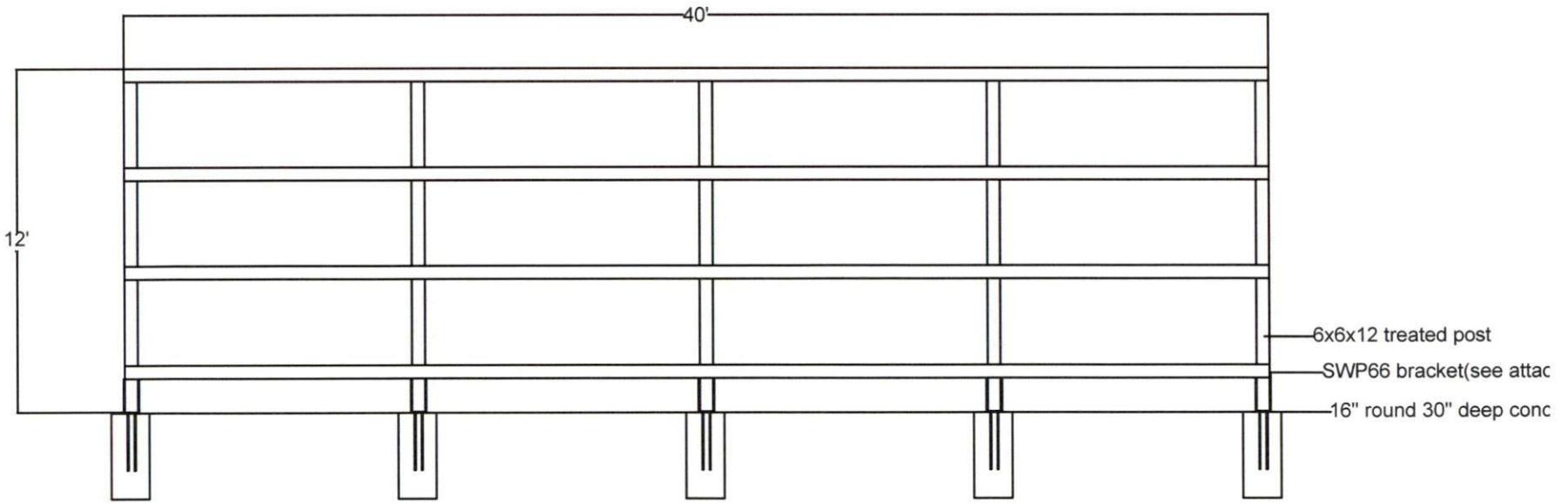

| | |
|---|---|
| PROJECT NAME: | S.A.M |
| LOCATION: | BREWTON |
| COUNTY: | ESCAMBIA |
| DATE: 4/18/2011 | SCALE: SHOWN |
| DRAWN: KK | REVISION: 0 |
| CHECKED: KK | ADDENDUM: 0 |
| COVER SHEET | SHEET 1 OF 1 |




Typical metal on Front

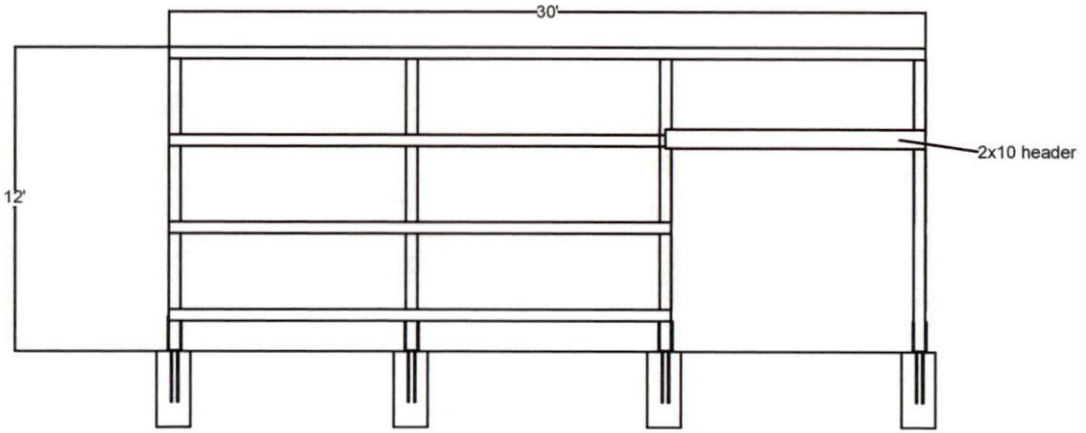



Typical metal on sides and roof




Typical framing on sides and back

See attached truss sheet

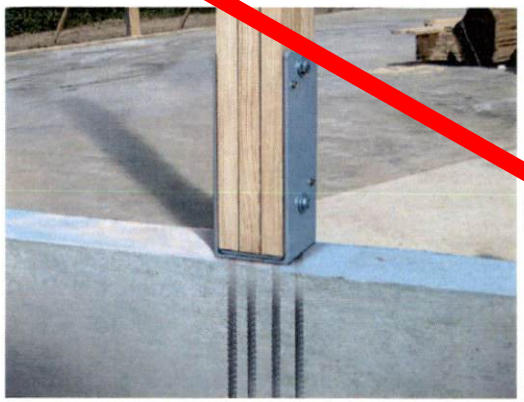



Typical framing on Front

# STURDI-WALL® PLUS ANCHOR BRACKETS

The Sturdi-Wall® system allows for post-frame construction on traditional concrete foundations. ICC-ES certified Sturdi-Wall® Plus anchor brackets are constructed of 100% American-made 1/4" steel, robotically welded, and finished with a tough powder coat. Provides the highest ultimate strength connection to your foundation but requires installation while concrete is still wet.*

PERMA COLUMN.

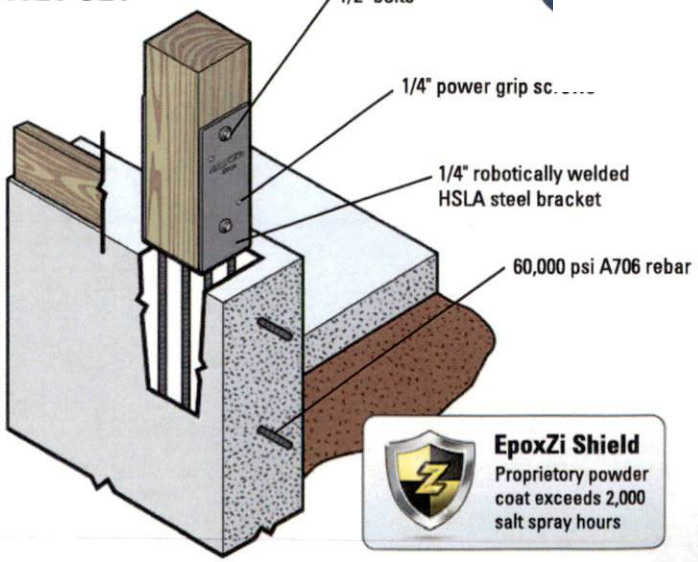


Posts shall be embedded as shown on engineered design

| Model ID | Type | Bracket height | Description | Weight (lbs.) |
|---|---|---|---|---|
| SWP46 | 4" x 6" | 13" | 3-5/8" pocket fits 4" x 6" post | 16 |
| SWP63 | 3-Ply 6" | 13" | 4-5/8" pocket fits 3-Ply 6" laminated column | 16 |
| | | | 5-5/8" pocket fits 6" x 6" post | 17 |
| | | | 6-1/8" pocket fits 4-Ply 6" laminated column | 21 |
| | | | 4-5/8" pocket fits 3-Ply 8" laminated column | 27 |
| | | | 6-1/8" pocket fits 4-Ply 8" laminated column | 28 |
| | | | 7-5/8" pocket fits 5-Ply 8" laminated column or 8" x 8" post | 29 |
| SWP88 | 8" x 8" | 18" | [illegible]/8" pocket fits 8" x 8" archi[illegible]tural post | 30 |

*Hardware sold separately.*

## WET SET




STURDI-WALL. ANCHOR BRACKETS