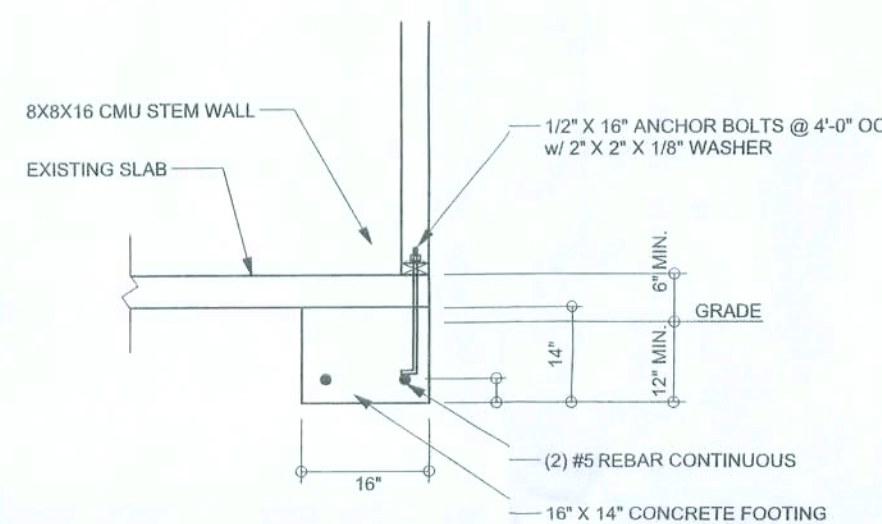
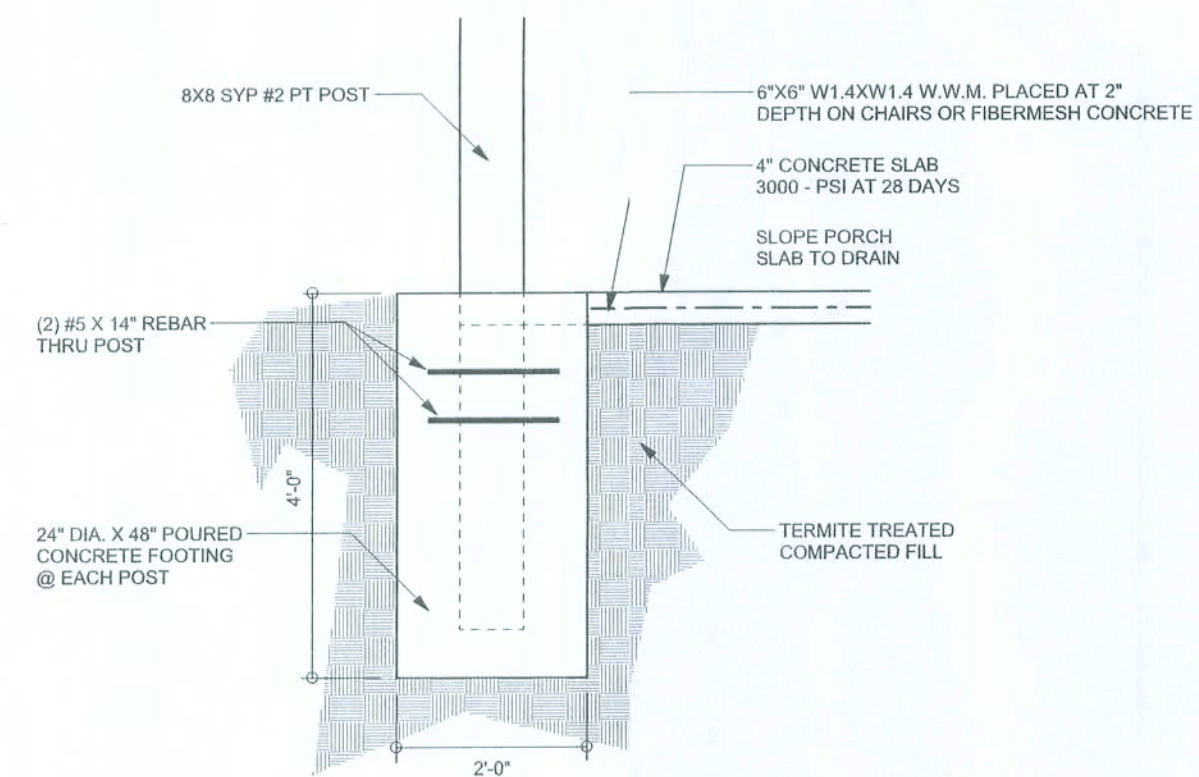


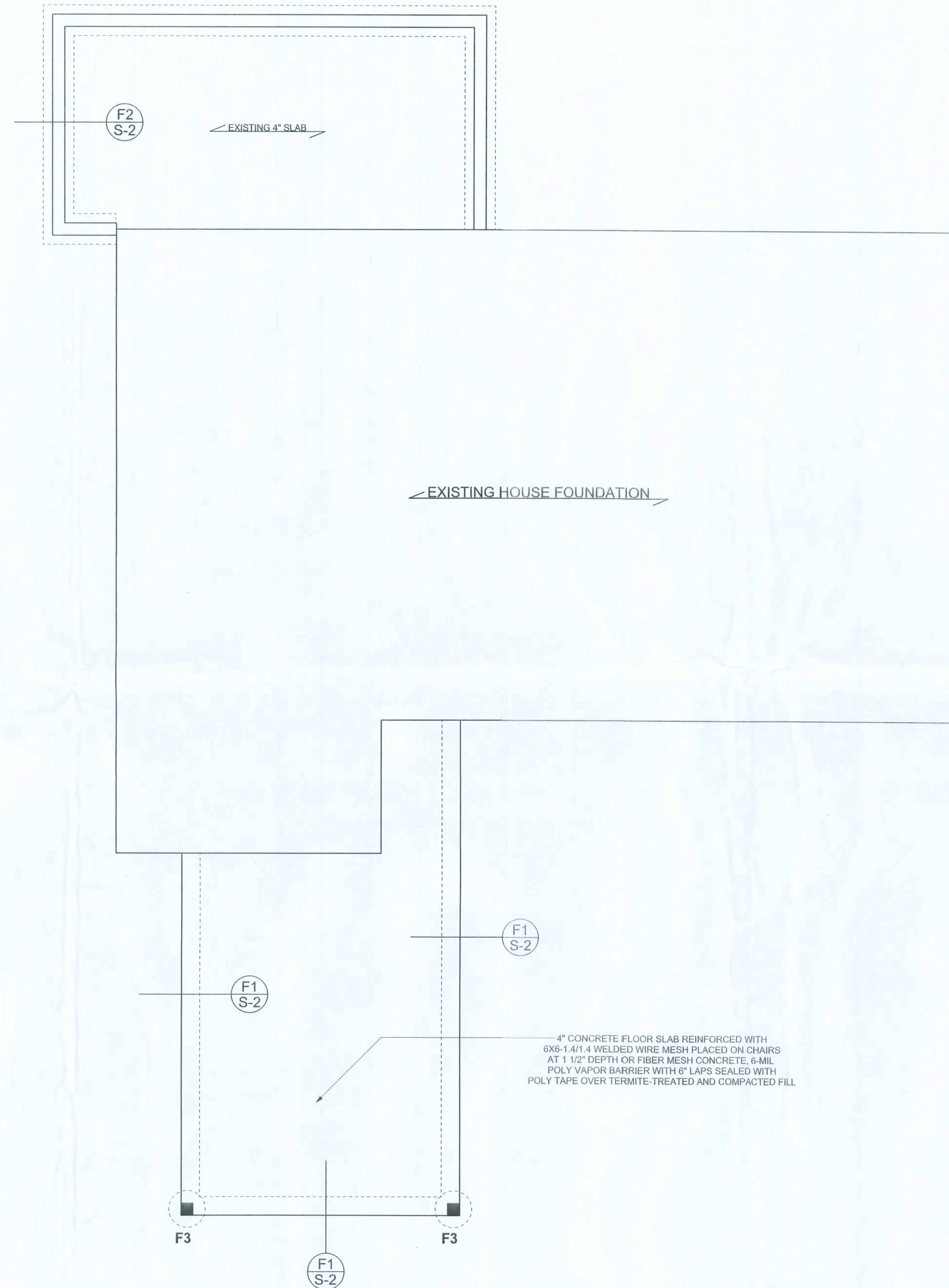
F1
S-2 **MONOLITHI FOOTING**
SCALE: 1/2" = 1'-0"



F2
S-2 **FOOTING RPAIR**
SCALE: 1/2" = 1'-0"



F3
S-2 **REAR PORCH POST FOUNDATION**
SCALE: 1/2" = 1'-0"



FOUNDATION PLAN
SCALE: 1/4" = 1'-0"
DIMENSIONS ON STRUCTURAL SHEETS
ARE NOT EXACT. REFER TO ARCHITECTURAL
FLOOR PLAN FOR ACTUAL DIMENSIONS

REVISIONS

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE

WINDLOAD ENGINEER:
Mark Discosway, PE
No. 53915, PCB 86, Lake City, FL 32056,
386-754-5419

DIMENSIONS:
Stated dimensions approximate scaled
dimensions. Refer all questions to
Mark Discosway, P.E. for resolution.
Do not proceed without clarification.

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or copied in any form or manner without first
the express written permission and consent
of Mark Discosway.

CERTIFICATION: I hereby certify that I have
examined this plan and that the applicable
portions of the plan relating to
wind engineering comply with section
R301.2.1, Florida building code.
to the best of my knowledge.

LIMITATION: This design is valid for one
building, at specified location.

MARK DISCOSWAY
P.E. 53915

Mark Discosway
02/09/09
SEAL

Restoration Specialists

Abels Residence
Repair

ADDRESS:
Branford Highway
Columbia County, Florida

Mark Discosway P.E.
P.O. Box 868
Lake City Florida 32056
Phone: (386) 754 - 5419
Fax: (386) 269 - 4871

PRINTED DATE:
June 14, 2009

DRAWN BY: STRUCTURAL BY:
David Discosway

FINALS DATE:
3 Jun 09

JOB NUMBER:
996014

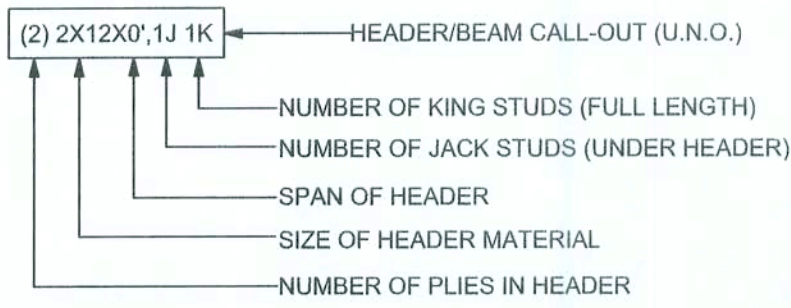
DRAWING NUMBER
3-2

OF 3 SHEETS

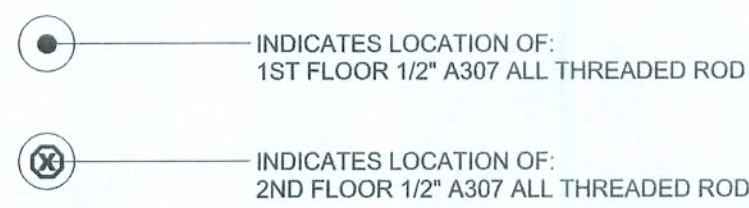
STRUCTURAL PLAN NOTES

- SN-1 ALL LOAD BEARING FRAME WALL & PORCH HEADERS SHALL BE A MINIMUM OF (2) 2X12 SYP #2 (U.N.O.)
- SN-2 ALL LOAD BEARING FRAME WALL HEADERS SHALL HAVE (1) JACK STUD & (1) KING STUD EACH SIDE (U.N.O.)
- SN-3 DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS
- SN-4 PERMANENT TRUSS BRACING IS TO BE INSTALLED AT LOCATIONS AS SHOWN ON THE SEALED TRUSS DRAWINGS. LATERAL BRACING IS TO BE RESTRAINED PER BCSI-1-03 BCSI-B1, BCSI-B2, & BCSI-B3. BCSI-B1, BCSI-B2, & BCSI-B3 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE

HEADER LEGEND



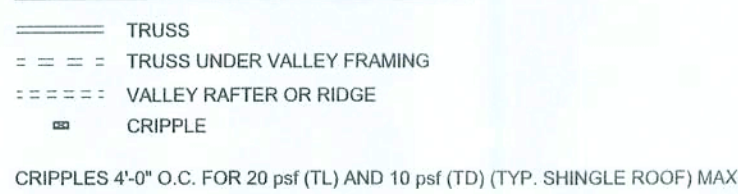
THREADED ROD LEGEND



WALL LEGEND

	EXTERIOR WALL (CMU)
	EXTERIOR WALL (WOOD FRAME)
	INTERIOR NON-LOAD BEARING WALL w/ 1/2 UPLIFT
	INTERIOR LOAD BEARING WALL w/ 1/2 UPLIFT
	INTERIOR LOAD BEARING WALL w/ 1/2 UPLIFT

VALLEY ROOF PLAN MEMBER LEGEND



CONNECTION REQUIREMENT NOTES

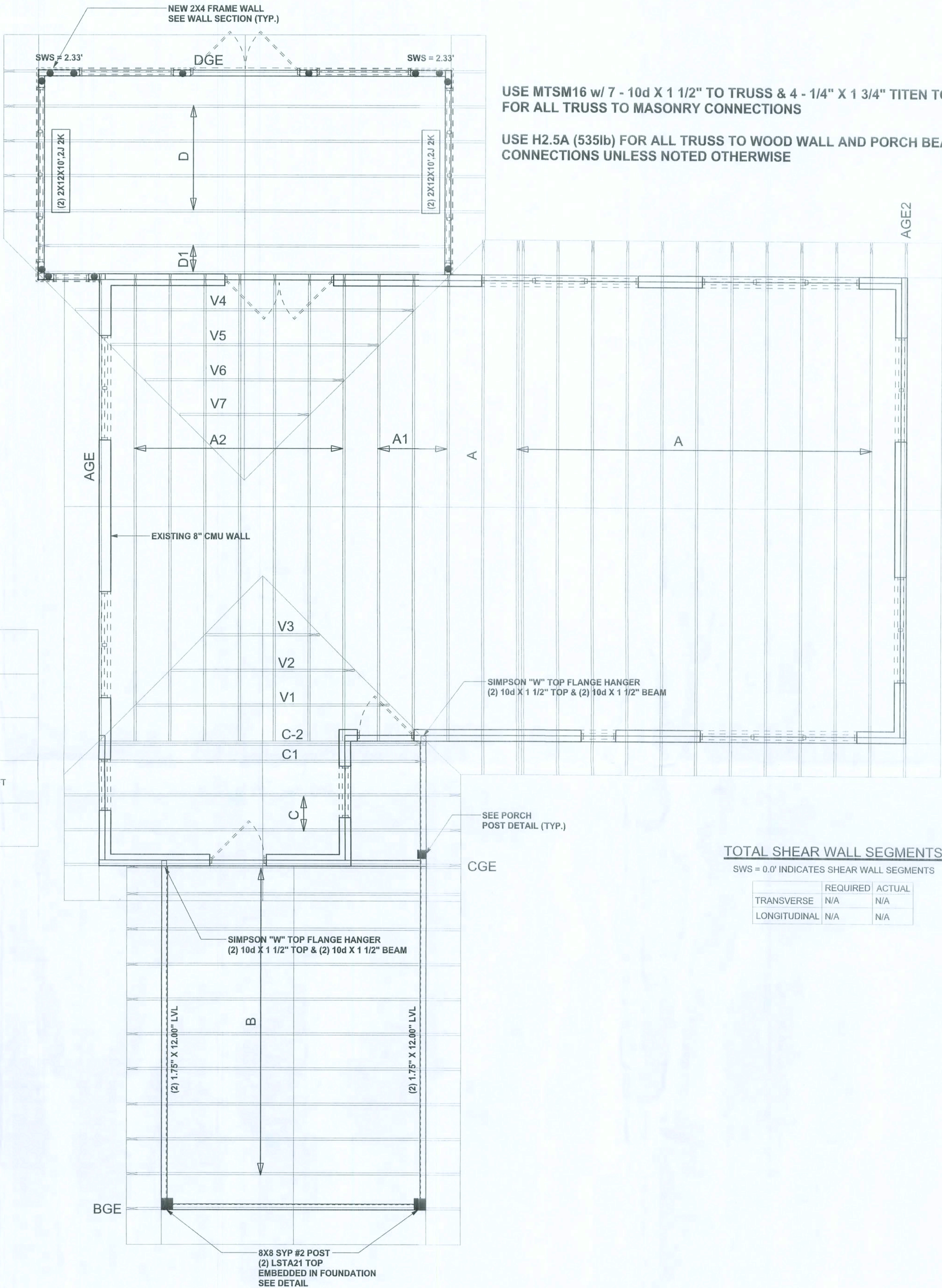
1 2X4 RAFTERS TO RIDGE	3-16d OR 6 - 131 x 3" TOE NAILS
2 CRIPPLE TO RIDGE	3-16d OR 6 - 131 x 3" FACE NAILS
3 CRIPPLE TO RAFTERS	3-16d OR 6 - 131 x 3" FACE NAILS
4 RAFTER TO SLEEPER OR BLOCKING	6-16d OR 12 - 131 x 3" TOE NAILS
5 SLEEPER TO TRUSS	4-16d OR 8 - 131 x 3" FACE NAILS EACH TRUSS
6 RIDGE BOARD TO ROOF BLOCK	3-16d OR 6 - 131 x 3" TOE NAILS
7 RIDGE BOARD TO TRUSS	3-16d OR 6 - 131 x 3" TOE NAILS
8 PURLIN TO TRUSS (TYP.)	3-16d OR 6 - 131 x 3" NAILS
9 PURLIN TO TRUSS (IF CRIPPLE IS ATTACHED TO PURLIN)	4-16d OR 8 - 131 x 3" NAILS
10 TRUSS TO BLOCKING	3-16d OR 6 - 131 x 3" END NAILS
11 CRIPPLE TO TRUSS	3-16d OR 6 - 131 x 3" FACE NAILS
12 CRIPPLE TO PURLIN	3-16d OR 6 - 131 x 3" FACE NAILS

GENERAL NOTES

MAXIMUM RAFTER SPANS
5'-0" FOR 2X4, 8'-0" FOR 2X6 SYP #2 OR SYP #2
MAXIMUM ROOF AREA PER SUPPORT
1602 IN ZONES 2 & 3, 2402 IN ZONE 1, (EXAMPLE: 4'-0" O.C. X 4'-0" SPAN = 1602 OR 2'-0" X 8'-0" SPAN = 1602)
PURLINS REQUIRED 2'-0" O.C. IF EXISTING SHEATHING IS REMOVED
PURLINS SHOULD OVERLAP SHEATHING ONE TRUSS SPACING MINIMUM
IN CASES THAT THIS IS IMPRACTICAL, OVERLAP SHEATHING A MINIMUM OF 8", AND NAIL UPWARDS THROUGH SHEATHING INTO PURLIN WITH A MINIMUM OF 8 - 8d COMMON WIRE NAILS
THIS DRAWING APPLIES TO VALLEYS WITH THE FOLLOWING CONDITIONS:
- SPANS (DISTANCES BETWEEN KEELS) 4'-0" OR LESS
- MAXIMUM VALLEY HEIGHT: 14'-0" OR LESS
- MAXIMUM WIND SPEED: 120 MPH
- MAXIMUM MEAN ROOF HEIGHT: 30 FEET
- MAXIMUM TOTAL LOADING: 40 psf
- MEETS FBC 2001/ASCE 7-98 WIND REQUIREMENTS
- EXPOSURE CATEGORY "B", I = 1.0, Kst = 1.0
- ENCLOSED BUILDING

CRIPPLE, BRACING, & BLOCKING NOTES

2X4 CONTINUOUS LATERAL BRACE (CLB) MIN. IS REQUIRED FOR CRIPPLES 5'-0" TO 10'-0" L LONG
NAILED W/ 2 - 10d NAILS @ 8" O.C. OR SCAB BRACE NAILED TO FLAT EDGE OF CRIPPLE
WITH 8d NAILS @ 8" O.C. "T" OR SCAB MUST BE 90% OF CRIPPLE LENGTH. CRIPPLES
OVER 10'-0" LONG REQUIRE TWO CLBs OR BOTH FACES W/ "T" OR SCAB. USE STRESS
GRADED LUMBER & BOX OR COMMON NAILS
- NARROW EDGE OF CRIPPLE CAN FACE RIDGE OR RAFTER
- AS LONG AS THE PROPER NUMBER OF NAILS ARE
- INSTALLED INTO RIDGE BOARD
- INSTALL BLOCKING UNDER RAFTER IF SLEEPERS ARE NOT USED
- INSTALL BLOCKING UNDER CRIPPLES IF CRIPPLES FALL BETWEEN
- LOWER TRUSS TOP CHORDS AND LATERAL BRACING IS NOT USED
- APPLY ALL NAILING IN ACCORDANCE TO NDS-1087 SECTION 12. NAILS ARE COMMON WIRE
NAILS UNLESS NOTED OTHERWISE



USE MTSM16 w/ 7 - 10d X 1 1/2" TO TRUSS & 4 - 1/4" X 1 3/4" TITEN TO CMU (750 LB)
FOR ALL TRUSS TO MASONRY CONNECTIONS

USE H2.5A (535lb) FOR ALL TRUSS TO WOOD WALL AND PORCH BEAM
CONNECTIONS UNLESS NOTED OTHERWISE

TOTAL SHEAR WALL SEGMENTS

SWS = 0.0' INDICATES SHEAR WALL SEGMENTS

	REQUIRED	ACTUAL
TRANSVERSE	N/A	N/A
LONGITUDINAL	N/A	N/A

LUMBER SIZE & GRADE MINIMUM REQUIREMENTS

RIDGE BOARD	2X6 SYP #2
RAFTER SPANS 20'-0" OR LESS	2X4 SYP #2
PURLINS / LATERAL BRACING	2X4 SPF #2
SLEEPERS	2X (WIDTH OF RAFTER SEAT CUT) SPF #3 OR 2 PARALLEL 2X4 SPF #3
CRIPPLES & BLOCKING	2X4 SPF #2 OR BETTER
TRUSS BELOW	SEE TRUSS DESIGN - SOUTHERN PINE MATERIAL

