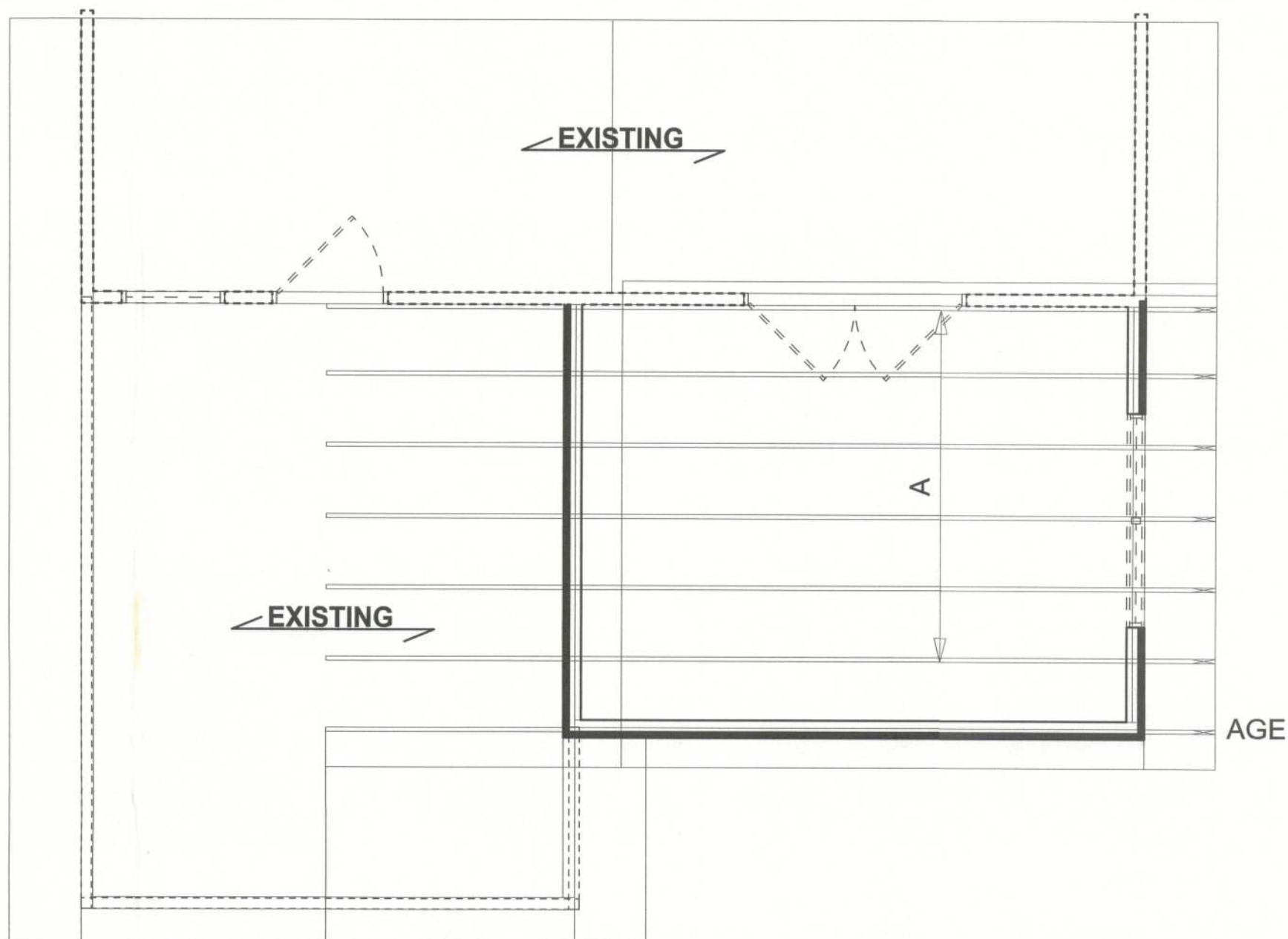


## REVISIONS

SOFTPLAN  
ARCHITECTURAL DESIGN SOFTWARE

## STRUCTURAL PLAN

SCALE: 1/4" = 1'-0"

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

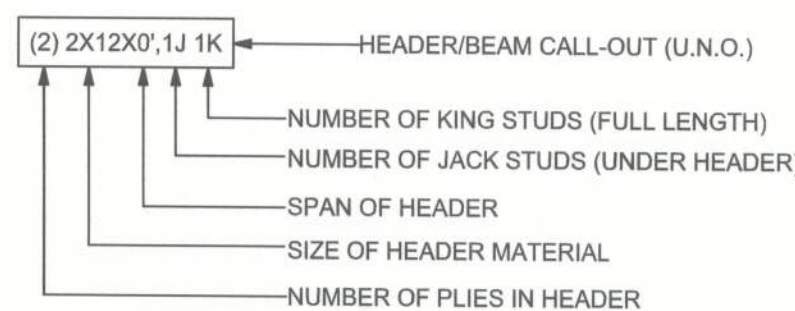
## STRUCTURAL PLAN NOTES

- 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 BCSH-03. BCSH-B1, BCSH-B2, & BCSH-B3 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE

## WALL LEGEND

	EXTERIOR WALL
	INTERIOR NON-LOAD BEARING WALL
	INTERIOR LOAD BEARING WALL w/ NO UPLIFT
	INTERIOR LOAD BEARING WALL w/ UPLIFT

## HEADER LEGEND

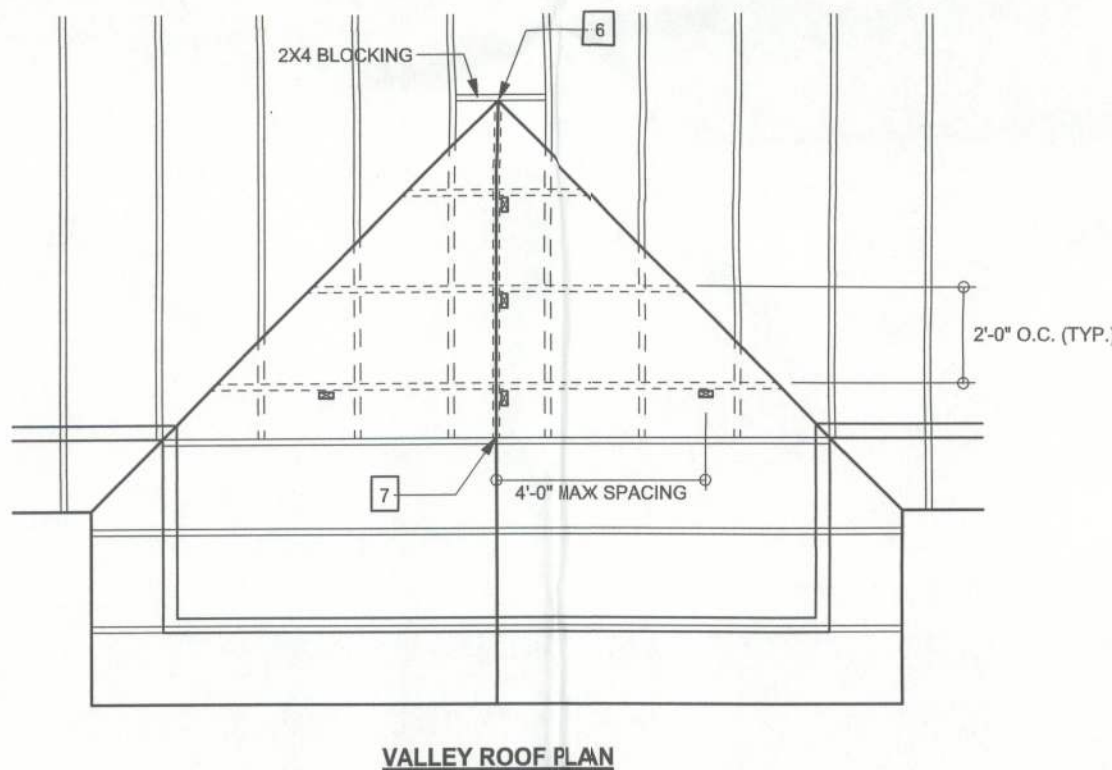


## TOTAL SHEAR WALL SEGMENTS

	REQUIRED	ACTUAL
TRANSVERSE	10.0'	18.0'
LONGITUDINAL	8.0'	16.0'

## LUMBER SIZE &amp; 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



## VALLEY ROOF PLAN MEMBER LEGEND

- TRUSS
- TRUSS UNDER VALLEY FRAMING
- VALLEY RAFTER OR RIDGE
- CRIPPLE

CRIPPLES 4'-0" O.C. FOR 20 psf (TL) AND 10 psf (TD) (TYP. SHINGLE ROOF) MAX

## 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  
6'-0" FOR 2X4, 9'-0" FOR 2X6 SPF #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 (DISTANCE BETWEEN HEELS) 40'-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, Kz1 = 1.0  
- ENCLOSED BUILDING

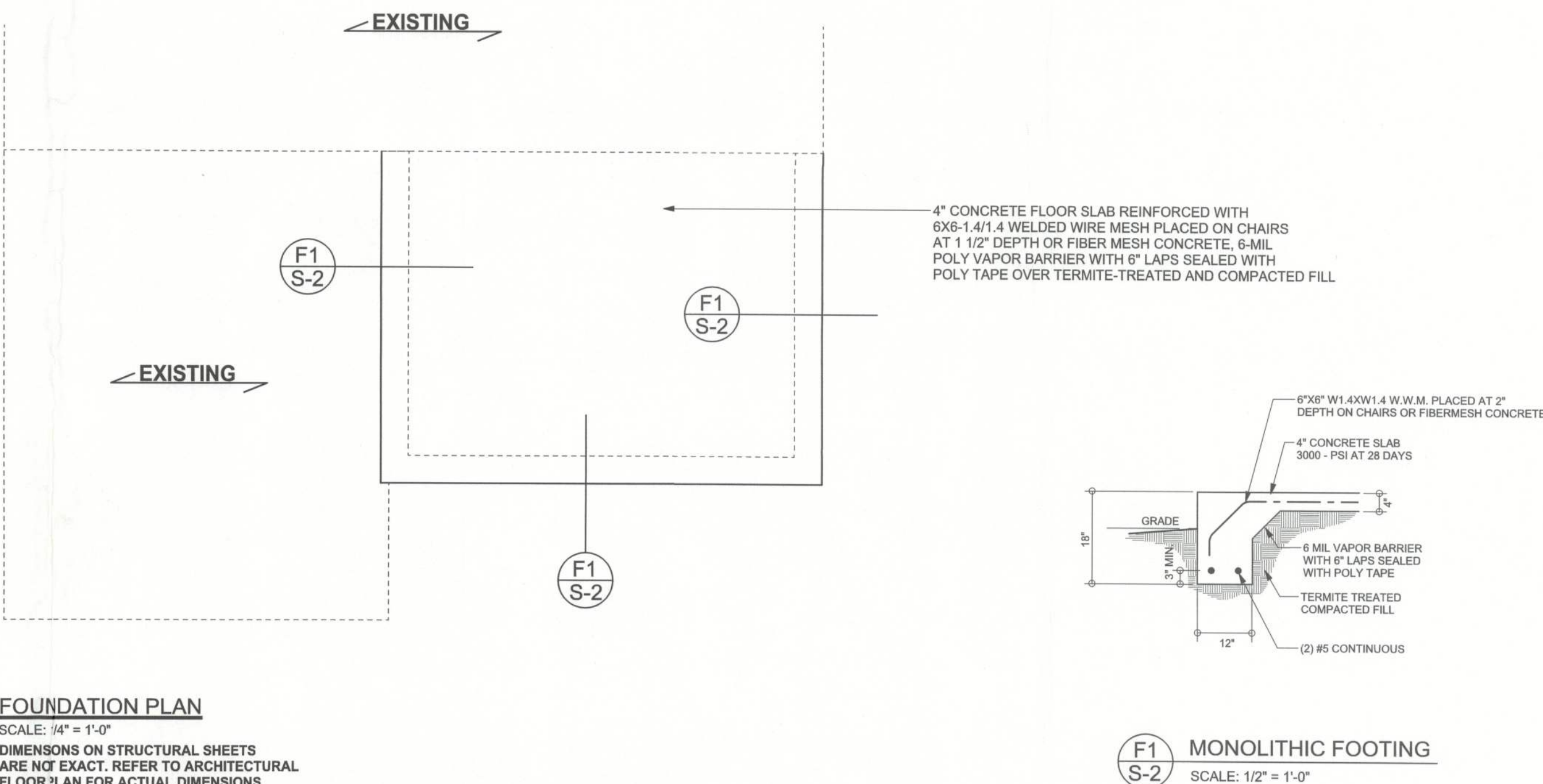
## CRIPPLE, BRACING &amp; BLOCKING NOTES

- 2X4 CONTINUOUS LATERAL BRACE (CLB) MIN. IS REQUIRED FOR CRIPPLES 6'-0" TO 10'-0" LONG NAILED w/ 2 - 10d NAILS OR 2X4 "T" OR SCAB BRACE NAILED TO FLAT EDGE OF CRIPPLE WITH 8d NAILS @ 6" 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-1997 SECTION 12. NAILS ARE COMMON WIRE NAILS UNLESS NOTED OTHERWISE.

## FOUNDATION PLAN

SCALE: 3/4" = 1'-0"

DIMENSIONS ON STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL FLOOR PLAN FOR ACTUAL DIMENSIONS

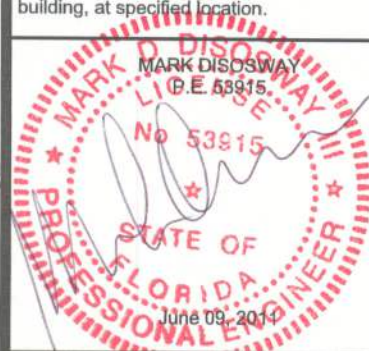
F1 S-2  
SCALE: 1/2" = 1'-0"

CONNECTIONS, WALL, &amp; HEADER DESIGN IS BASED ON REACTIONS &amp; UPLIFTS FROM TRUSS ENGINEERING FURNISHED BY BUILDER. ANDERSON TRUSS JOB #11-119

WINDLOAD ENGINEER: Mark Disoway,  
PE No. 53515, POB 866, Lake City, FL  
32056, 386-754-5419DIMENSIONS:  
Stated dimensions supersede scaled dimensions. Refer all questions to Mark Disoway, P.E. for resolution. Do not proceed without clarification.COPYRIGHTS AND PROPERTY RIGHTS:  
Mark Disoway, P.E. hereby expressly reserves its common law copyrights and property right in these instruments of service. This document is not to be reproduced, altered or copied in any form or manner without first the express written permission and consent of Mark Disoway.

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 RS01-2.1, Florida building code residential 2007, to the best of my knowledge.

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

Bryan Zecher  
Construction

Roy Cole Addition

ADDRESS:  
237 SE Becky Terr.  
Lake City, FL 32025Mark Disoway P.E.  
P.O. Box 866  
Lake City, Florida 32056  
Phone: (386) 754 - 5419  
Fax: (386) 269 - 4871

PRINTED DATE:

June 09, 2011

DRAWN BY:

STRUCTURAL BY:

David Disoway

FINALS DATE:

8Jun11

JOB NUMBER:  
1106035

DRAWING NUMBER

S-2

OF 2 SHEETS