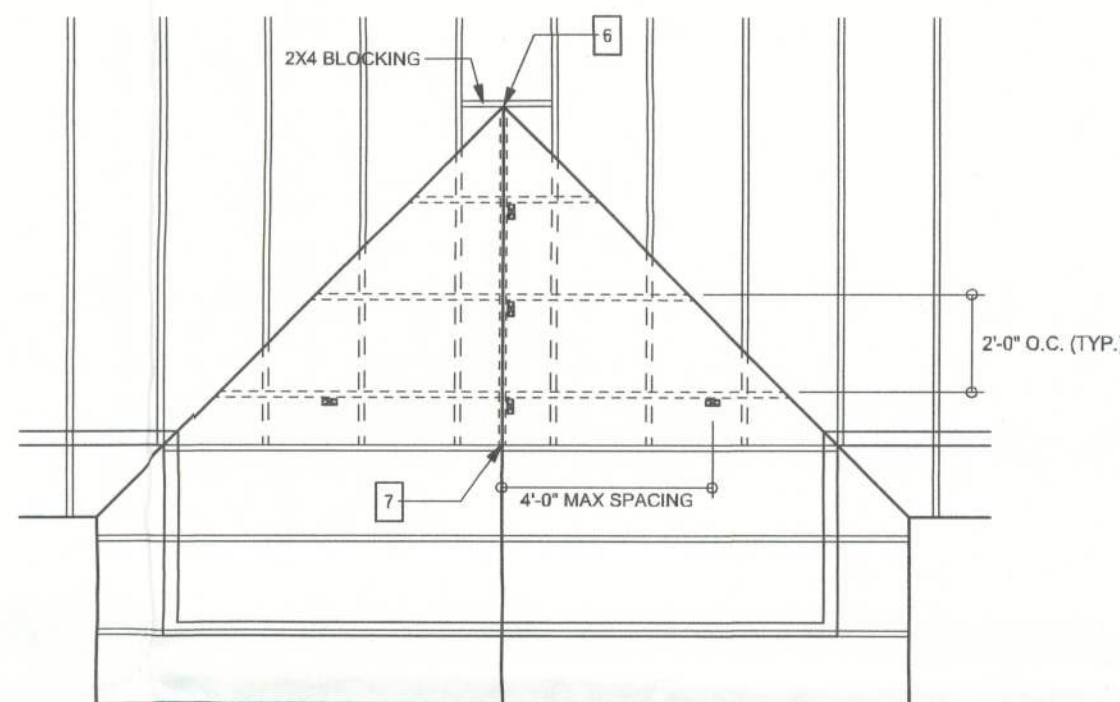


REVISIONS

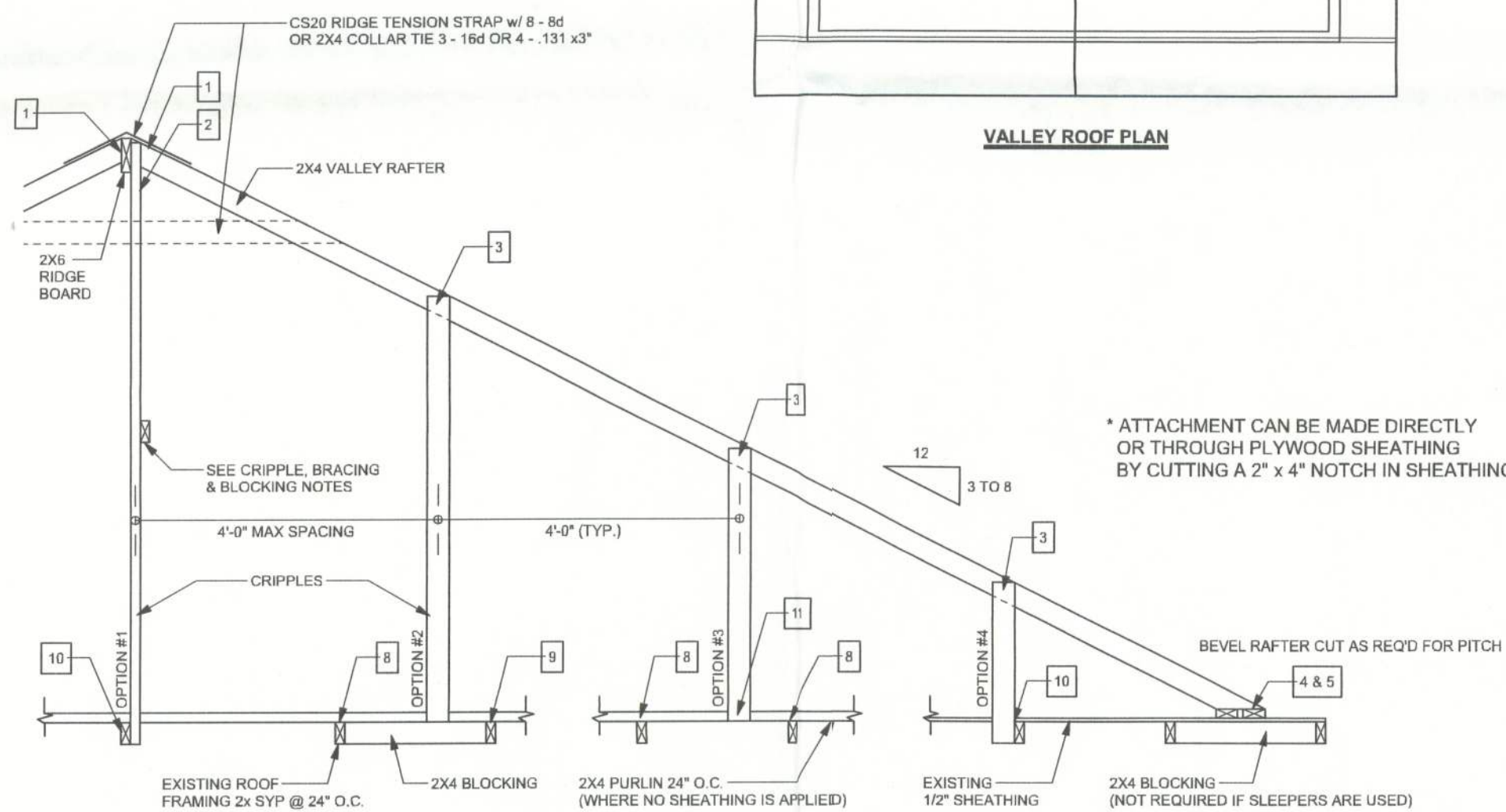
SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE

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



VALLEY ROOF PLAN



SECTION CUT PARALLEL TO VALLEY RAFTER

RETROFIT ROOF OVER FRAMING & BRACING DETAIL

SCALE: N.T.S.

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

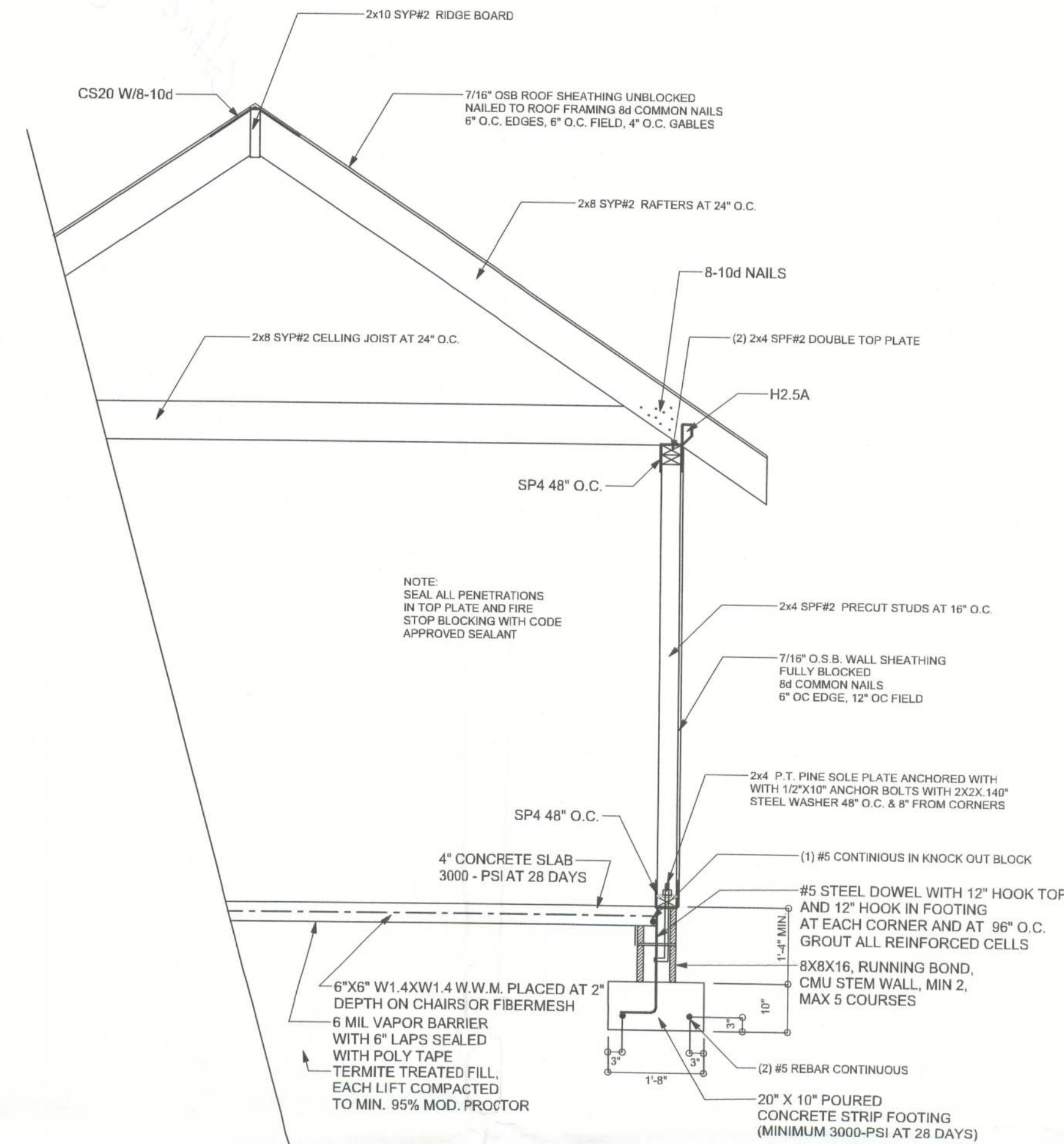
1 2X4 RAFTERS TO RIDGE	3-16d OR 6-131 x 3" TOE NAILS
2 CRIPPLE TO RIDGE OR RAFTER	3-16d OR 6-131 x 3" FACE NAILS
4 RAFTER TO SLEEPER OR BLOCKING	6-16d OR 12-131 x 3" TOE NAILS
5 SLEEPER TO TRUSS	4-16d OR 8-131 x 3" FACE NAILS EACH TRUSS
6 RIDGE BOARD TO ROOF BLOCK	3-16d OR 6-131 x 3" TOE NAILS
7 RIDGE 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
8 PURLIN TO TRUSS (IF CRIPPLE IS ATTACHED TO PURLIN)	4-16d OR 8-131 x 3" NAILS
9 TRUSS TO BLOCKING	3-16d OR 6-131 x 3" END NAILS
10 CRIPPLE TO TRUSS	3-16d OR 6-131 x 3" FACE NAILS
11 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 6" 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 HEELS) 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, Kzt = 1.0
 - ENCLOSED BUILDING

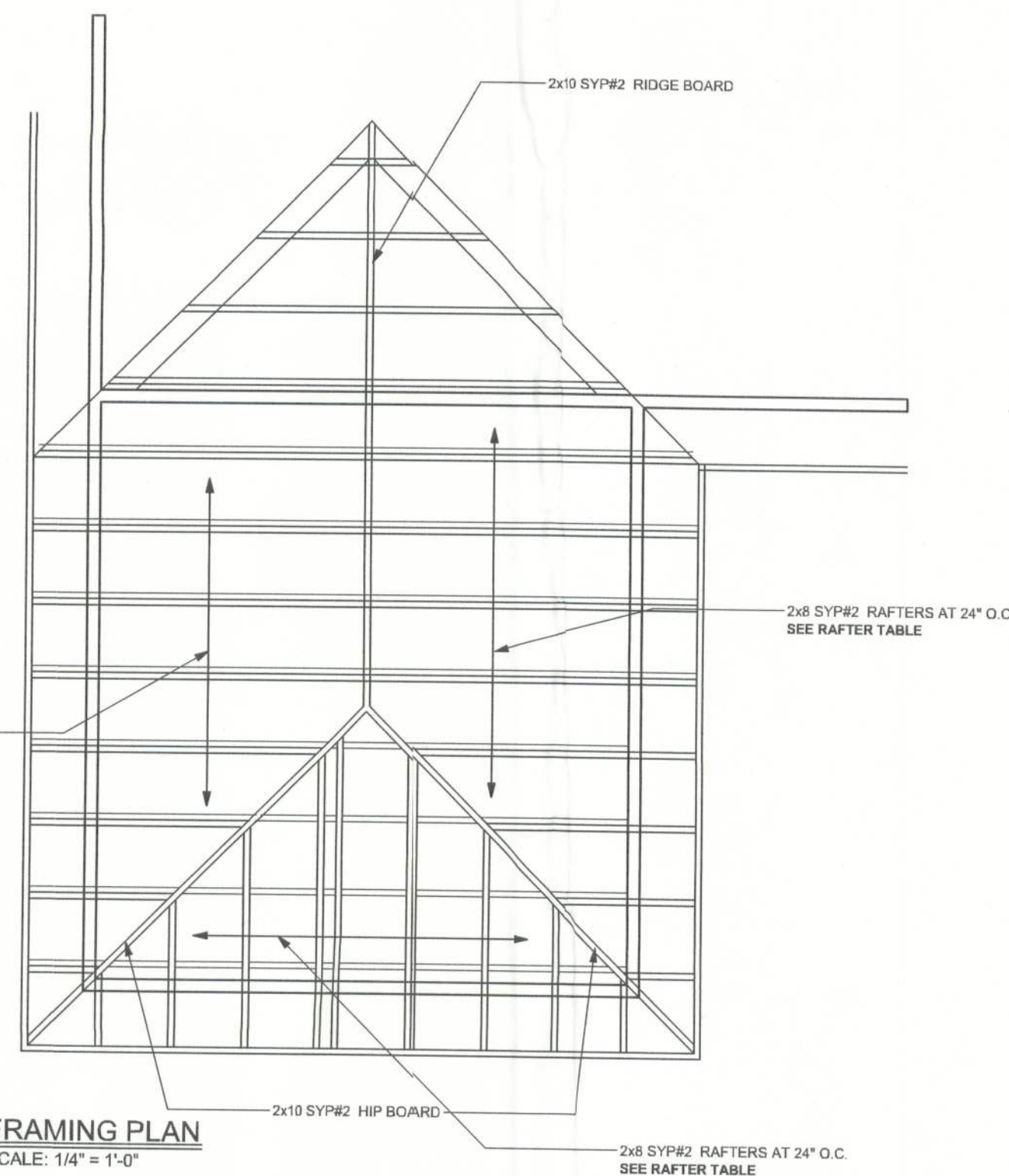
CRIPPLE, BRACING, & BLOCKING NOTES

- 2X4 CONTINUOUS LATERAL BRACE (CLB) MIN. IS REQUIRED FOR CRIPPLES 5'-0" TO 10'-0" LONG
 NAILS #2 - 10d NAILS OR 2X4 "T" OR SCAB BRACE NAIL 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 PROPOSED 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



TYPICAL WALL SECTION

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



FRAMING PLAN

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

WINDLOAD ENGINEER: Mark Disoway
 P.E. No. 53915, P.O. Box 868, Lake City, FL 32056, 386-754-5419

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

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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 160K, Florida building code 2001, to the best of my knowledge.

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

MARK DISOWAY
 P.E. 53915

Mark Disoway
 SEAL

LOCK
RESIDENCE

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PRINTED DATE:
 June 20, 2005

DRAWN BY: Ben Sparks

CHECKED BY:

FINALS DATE:
 June 14, 2005

JOB NUMBER:
 505043

DRAWING NUMBER

S2
 OF 2 SHEETS