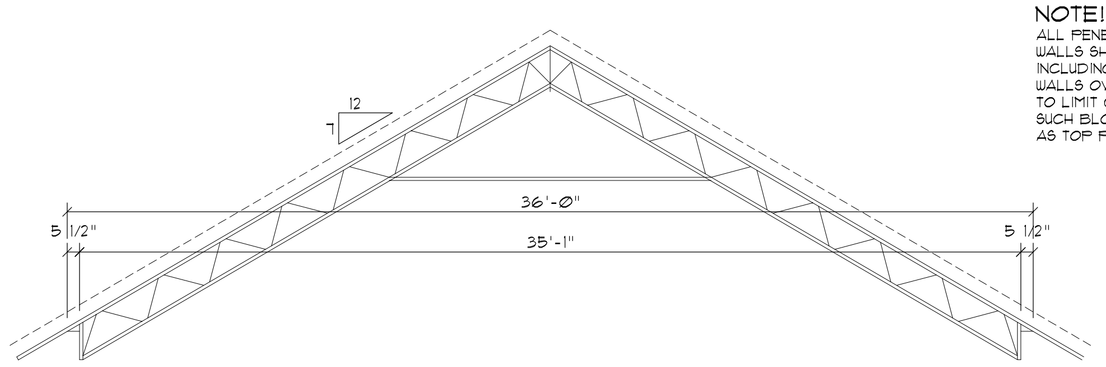
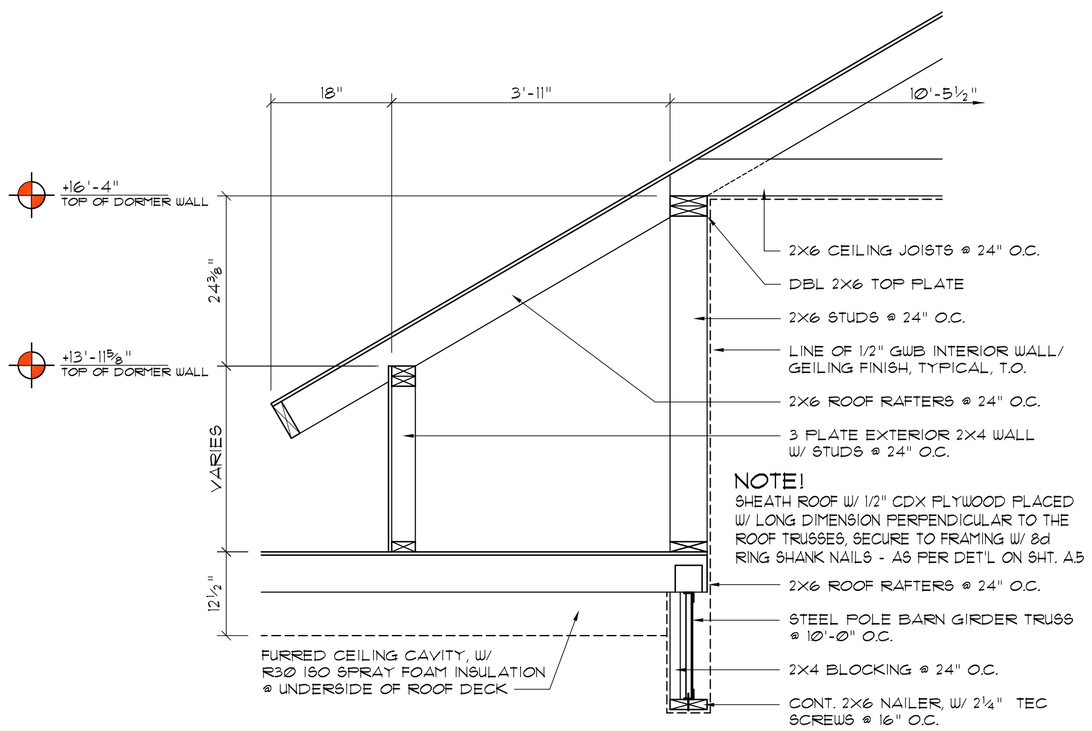


STL. TRUSS DETAIL

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

NOTE!
ALL PENETRATIONS OF THE TOP PLATE OF ALL LOAD BEARING WALLS SHALL BE SEALED WITH FIRE RETARDANT CAULKING, INCLUDING WIRING, PLUMBING OR OTHER SUCH PENETRATIONS. WALLS OVER 8'-0" TALL SHALL HAVE CONTINUOUS BLOCKING TO LIMIT CAVITY HEIGHT TO 8'-0". PENETRATIONS THROUGH SUCH BLOCKING SHALL BE TREATED IN THE SAME MANNER AS TOP PLATES, NOTED ABOVE

NOTE!
REFER TO THE WINDOW/DOOR HEADER SCHEDULE ON SHEET A5 FOR ALL MINIMUM SIZE HEADERS AND ALTERNATES MINIMUM SIZE ALLOWABLE IS 2-2X10.



NOTE!
SHEATH ROOF W/ 1/2" CDX PLYWOOD PLACED W/ LONG DIMENSION PERPENDICULAR TO THE ROOF TRUSSES, SECURE TO FRAMING W/ 8d RING SHANK NAILS - AS PER DET'L ON SHT. A5

DORMER SECTION

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

D

DORMER FRAMING ANCHOR SCHEDULE

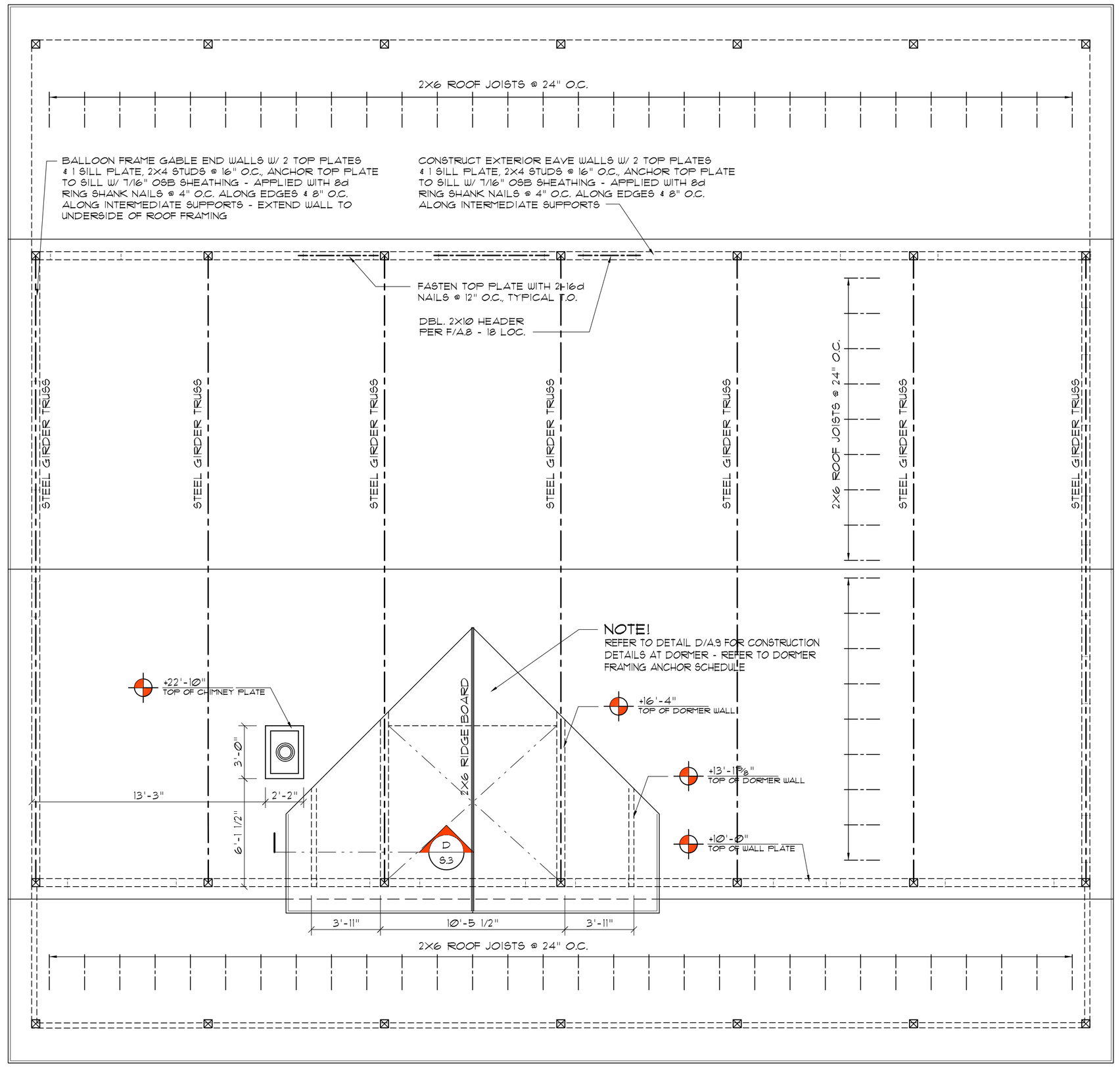
APPLICATION	MANUFR/MODEL	CAP.
RAFTERS TO RIDGE:	SIMPSON LRUZ	695*
RAFTERS TO WALL PLATES:	SIMPSON H2.5A	150*
HEADER TO KING STUD(S):	SIMPSON ST22	1370*
PLATE TO STUD:	SIMPSON SP2	1065*
STUD TO SILL:	SIMPSON SPI	585*
SILL TO POLE BARN ROOF FRAMING:	SIMPSON SDWC15600	595*
MISC. JOINTS	SIMPSON A34	315*/240*

NOTE:
ALL ANCHORS SHALL BE SECURED W/ NAILS AS PRESCRIBED BY THE MANUFACTURER FOR MAXIMUM JOINT STRENGTH, UNLESS NOTED OTHERWISE.

NOTE:
REFER TO THE INCLUDED STRUCTURAL DETAILS FOR ADDITIONAL ANCHORS/ JOINT REINFORCEMENT AND FASTENERS.

NOTE:
ALL UNLISTED JOINTS IN THE LOAD PATH SHALL BE REINFORCED WITH SIMPSON A34 FRAMING ANCHORS, TYPICAL T.O.

NOTE:
"SIMPSON" PRODUCT APPROVALS:
MIAMI/DADE COUNTY REPORT #97-0107.05, #96-1126.11, #99-0623.04
SBCCI NER-443, NER-393



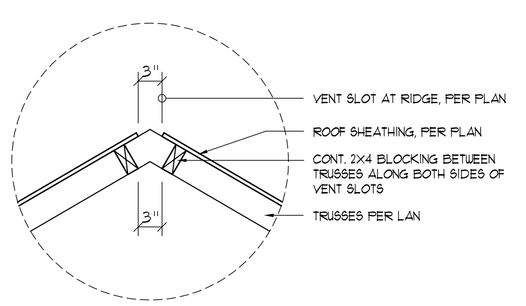
Roof PLAN

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

NOTE!
SHEATH ROOF W/ 1/2" CDX PLYWOOD PLACED W/ LONG DIMENSION PERPENDICULAR TO THE ROOF TRUSSES, SECURE TO FRAMING W/ 8d RING SHANK NAILS - AS PER DETAIL ON SHEET A5

NOTE!
THE DESIGN WIND SPEED FOR THIS PROJECT IS 130 MPH PER 2023 FBC 1606 AND LOCAL JURISDICTION REQUIREMENTS

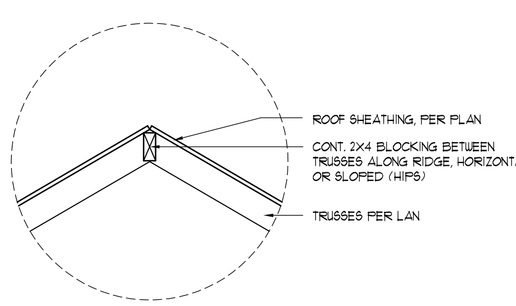
AREA OF ATTIC	REQ'D L.F. OF VENT	NET FREE AREA OF INTAKE
1600 SF	20 LF	410 SQ.IN.
1800 SF	24 LF	490 SQ.IN.
2200 SF	28 LF	570 SQ.IN.
2500 SF	32 LF	650 SQ.IN.
2800 SF	36 LF	730 SQ.IN.
3100 SF	40 LF	820 SQ.IN.
3600 SF	44 LF	900 SQ.IN.



Vent DETAIL

SCALE: 1" = 1'-0"

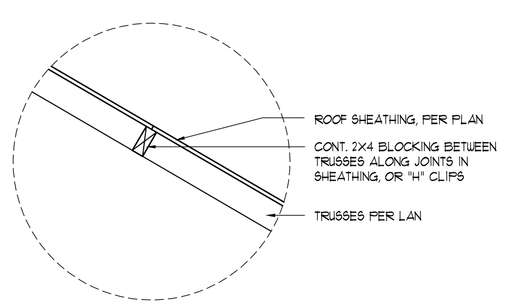
A1



Ridge DETAIL

SCALE: 1" = 1'-0"

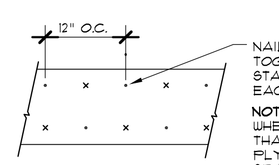
A2



Joint DETAIL

SCALE: 1" = 1'-0"

A3



NAIL PLYWOOD FLITCH BEAM TOGETHER W/ 16d NAILS STAGGERED TOP AND BOTTOM, EACH FACE

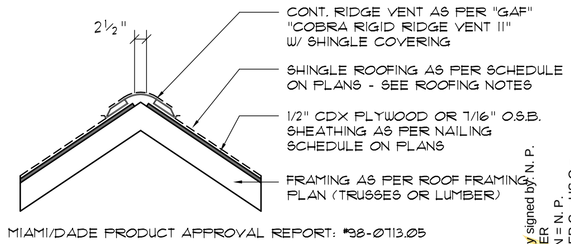
NOTE:
WHERE BEAM SPAN IS GREATER THAN 8'-0", CENTER 8'-0" LONG PLYWOOD AT CENTERS OF BEAM SPAN, BUTT ADJACENT PLYWOOD PIECES TIGHT TO CENTER PIECE. STAGGER JOINTS AT BEAMS WITH MORE THAN ONE PLYWOOD PLATE.

PLYWOOD FLITCH BEAM DETAIL

B/U Beam DETAIL

SCALE: NONE

B



MIAMI/DADE PRODUCT APPROVAL REPORT: #98-0713.05

Ridge Vent DETAIL

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

C

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REVISION:
01 AUG 2024

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N.P. Geisler, Architect

DRAWN:
MPB

CUSTOM RESIDENTIAL DESIGN for:
FLOYD FAMILY
COLUMBIA COUNTY, FLORIDA
ROOF PLAN

Celebrating 52 Years of Service
1972 - 2024
N.P. Geisler, Architect
AR0007005

CUSTOM ARCHITECTURAL DESIGN

NICHOLAS PAUL GEISLER
ARCHITECT

1758 NW Brown Rd.
Lake City, FL 32055
386-365-4355

DATE:
22 JUL 2024

COMM:
2K2418

SHEET:
S.3
3 OF 5

Digitally signed by N. P. GEISLER
DN: CN = N. P. GEISLER, C = US, O = ARCHITECT, OU = AR0007005
Date: 2024.08.02 12:46:40 -04'00'

N. P. GEISLER

AR0007005