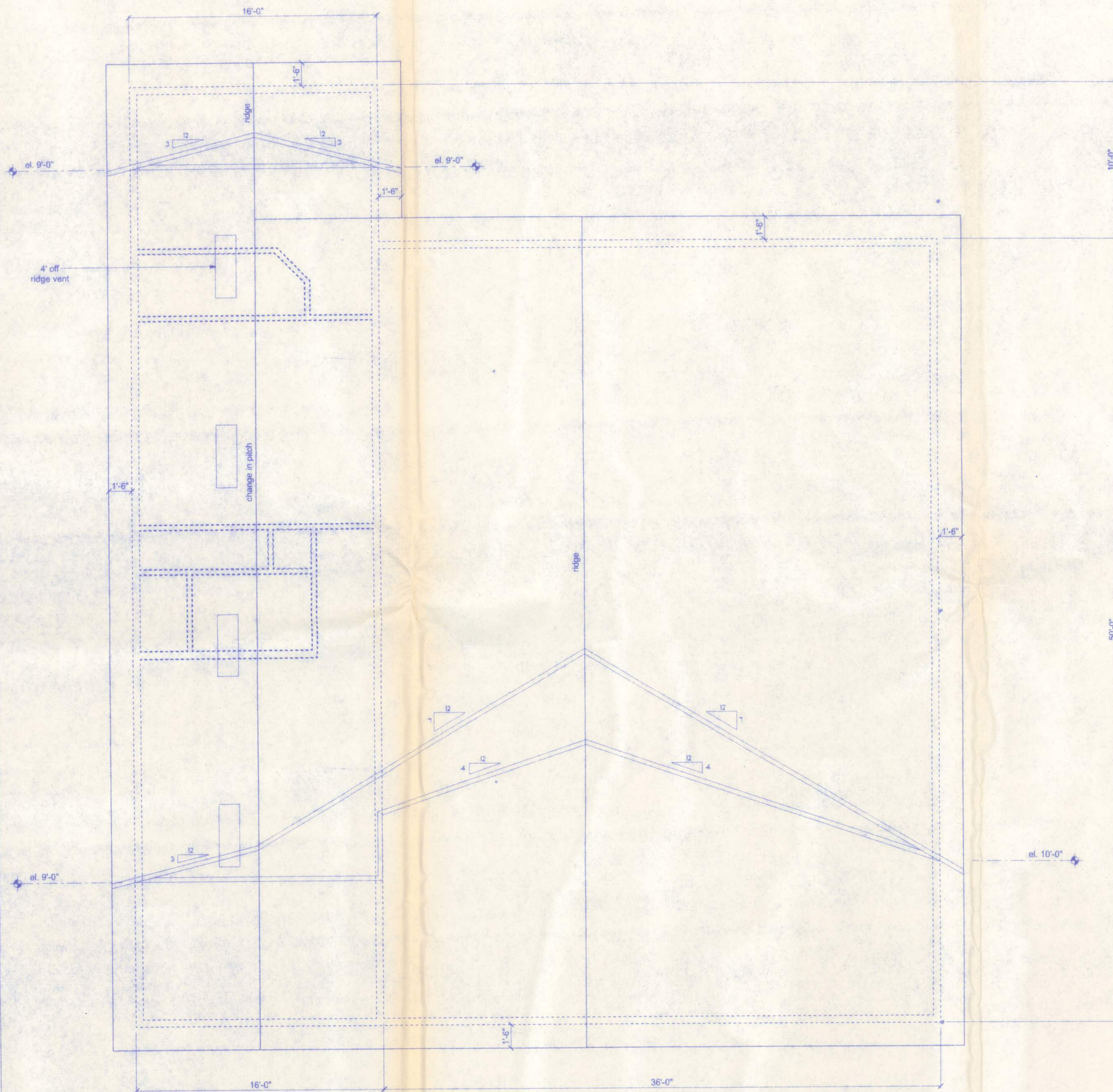
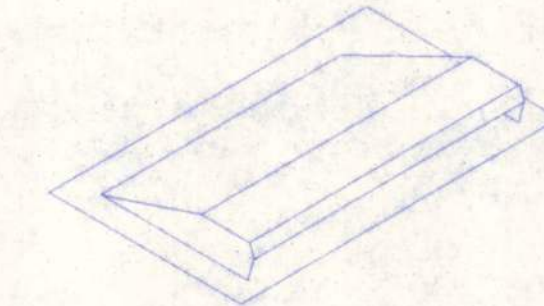




ROOF PLAN
SCALE: 1/4" = 1'-0"



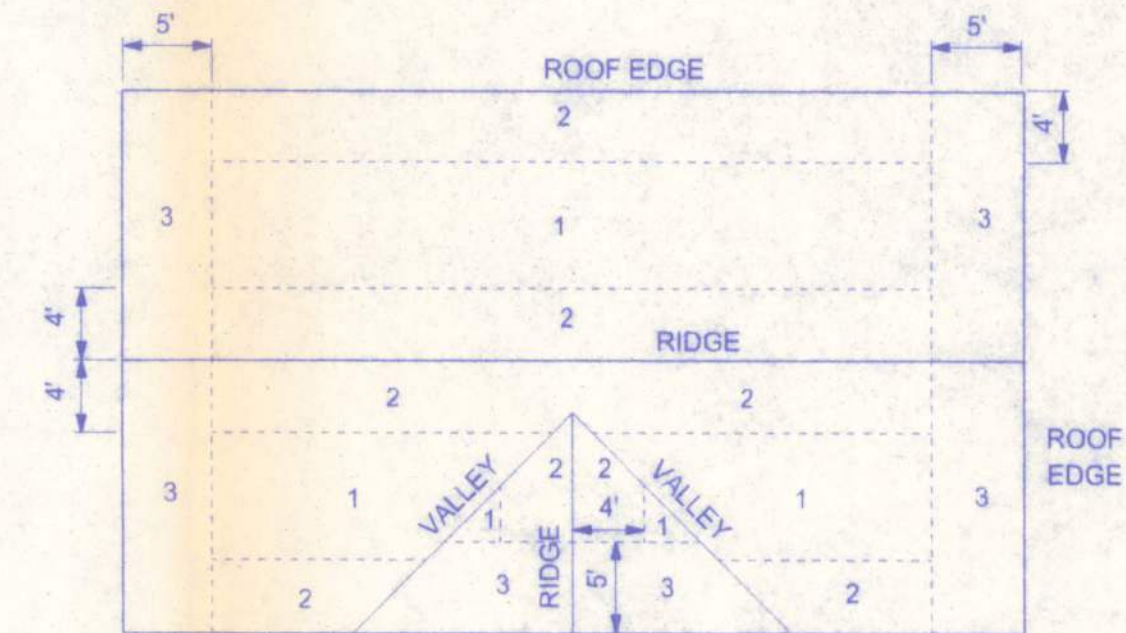
STANDARD OFF RIDGE VENT

SIZE	LENGTH "L"	Area Net Free SQ. IN.	HEIGHT "H"	Cut Out Size
4'	46.25"	138	5.5"	46" x 3"
6'	70.25"	210	5.5"	70" x 3"
8'	94.25"	282	5.5"	94" x 3"
10'	118.25"	354	5.5"	118" x 3"

required venting with vinyl soffits shall be 1/300 of total insulated attic.
 $960 \text{ sf}/300 = 3.2 \text{ sf} \times 144 = 460.8 \text{ sq. in.}$
 $\# \text{ of 4' off ridge vents} = 460.8/138 = 3.3$
 use (4) - 4' off ridge vents

ROOF SHEATHING FASTENINGS

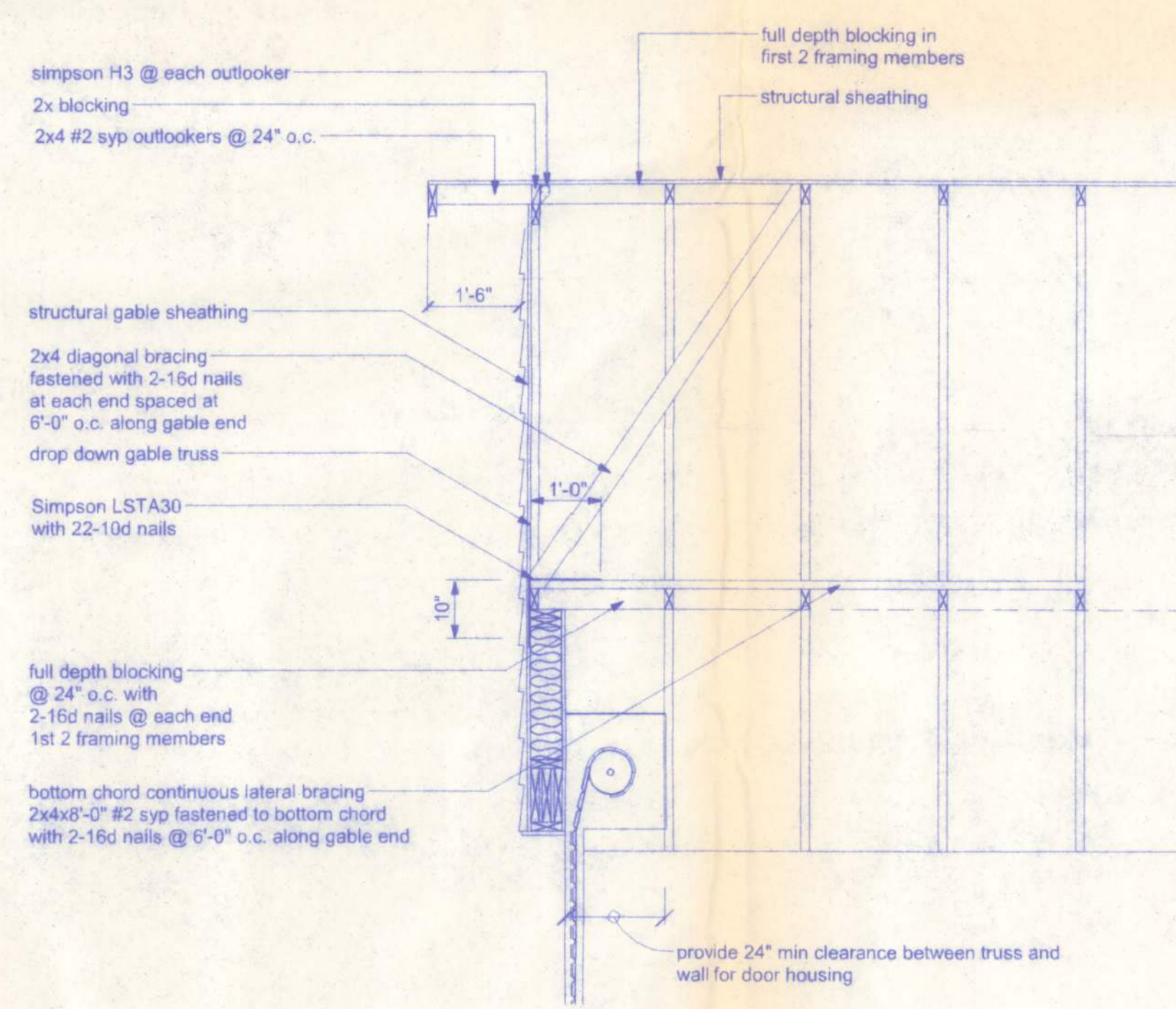
NAILING ZONE	SHEATHING TYPE	FASTENER	SPACING
1	15/32" cdx	8d ring shank hot dipped galvanized	6 in. o.c. EDGE 12 in. o.c. FIELD
2			6 in. o.c. EDGE 6 in. o.c. FIELD
3			6 in. o.c. EDGE 6 in. o.c. FIELD



ROOF SHEATHING NAILING ZONES (GABLE ROOF)

CONNECTOR SCHEDULE FOR TRUSS ANCHORAGE

CONNECTOR	TRUSS	TOP PLATE	UPLIFT PROVIDED	MANUFACTURER
H2.5	5-8d NAILS	5-8d NAILS	365 LBS	SIMPSON
H10	8-8d NAILS	8-8d NAILS	850 LBS	SIMPSON
MTS12	7-10d NAILS	7-10d NAILS	1,000 LBS	SIMPSON
H16	2-10d NAILS	10-10d NAILS	1,300 LBS	SIMPSON
(2)HTS20	10-10d NAILS	10-10d NAILS	2 x 1,450 = 2,900 LBS	SIMPSON



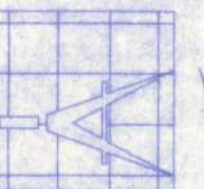
1 CEILING DIAPHRAGM
NTS

NOTE: ALL WOOD TO BE NUMBER 2 GRADE SOUTHERN YELLOW PINE

Willa H. Freeman
11/8/11
P.E. # 90037

**DALE AND MARY NANNY
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Freeman
Design Group inc

DATE 11/8/11
DRAWN BY W.H.F.
APPROVED W.H.F.

REVISIONS

SHEET A-5

OF 10

PROJECT NO. 11.R036

CERTIFICATE OF AUTHORIZATION # 00008701