

TYPE DESIGNATION



		GRAVITY							
MARK	LENGTH	TYPE	8"8	8"8-OB	8"8-IB	8"8-OB	8"8-IB	8"8-OB	8"8-IB
L1	2'-0"	(34")	PRECAST	2302	3166	4473	6239	7536	9004
L2	3'-6"	(42")	PRECAST	2302	3166	4473	6239	7536	9004
L3	4'-0"	(48")	PRECAST	3029	2646	4473	6239	7536	9004
L4	4'-6"	(54")	PRECAST	1681	1781	1813	2651	3403	4145
L5	5'-4"	(64")	PRECAST	1184	1229	1301	1609	2071	2651
L6	5'-10"	(70")	PRECAST	972	1000	1089	1474	1899	2504
L7	6'-6"	(78")	PRECAST	531	555	595	785	1000	1285
L8	7'-6"	(90")	PRECAST	761	829	919	1254	1609	2071
L9	8'-4"	(100")	PRECAST	972	1000	1089	1474	1899	2504
L10	10'-6"	(126")	PRECAST	456	481	521	691	891	1141
L11	11'-4"	(136")	PRECAST	445	469	509	679	879	1129
L12	12'-0"	(144")	PRECAST	414	438	478	648	848	1098
L13	13'-4"	(160")	PRECAST	360	384	424	594	794	1044
L14	14'-0"	(168")	PRECAST	338	362	402	572	772	1022
L15	14'-6"	(174")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR
L16	15'-4"	(184")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR
L17	17'-4"	(208")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR
L18	18'-4"	(220")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR
L19	21'-4"	(256")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR
L20	22'-0"	(264")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR
L21	24'-0"	(288")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR

		GRAVITY							
MARK	LENGTH	TYPE	8"8	8"8-OB	8"8-IB	8"8-OB	8"8-IB	8"8-OB	8"8-IB
L22	4'-4"	(52")	PRECAST	1489	1531	1609	2071	2651	3403
L23	4'-6"	(54")	PRECAST	1351	1400	1489	1951	2531	3283
L24	5'-8"	(68")	PRECAST	789	838	927	1254	1609	2071
L25	5'-10"	(70")	PRECAST	739	788	877	1204	1559	2021
L26	6'-6"	(80")	PRECAST	822	871	960	1285	1640	2102
L27	7'-6"	(90")	PRECAST	665	714	803	1129	1484	1946
L28	9'-6"	(116")	PRECAST	371	420	509	838	1193	1655

SHOP DWG COORDINATION: THE TRUSS ANCHOR STRAPS AS INDICATED IN THE CONSTRUCTION DOCUMENTS ARE SUGGESTED STRAPS AND THAT THE TRUSS ENGINEERED SHOP DRAWINGS TAKE PRECEDENCE OVER THAT INDICATED IN THE CONSTRUCTION DOCUMENTS. THE UPLIFT LOADS INDICATED FOR EACH TRUSS IN THE ENGINEERED TRUSS SHOP DRAWINGS MAY BE MATCHED TO STANDARD PRODUCT UPLIFT RATINGS FOR COMPARABLE UPLIFT CONNECTORS, AND THAT THE PRODUCTS THAT PROVIDE EQUAL OR GREATER UPLIFT RESISTANCE FOR THE LISTED LOADS MAY BE USED IN LIEU OF THOSE INDICATED IN THE CONSTRUCTION DOCUMENTS OR AS APPROVED BY THE BUILDING OFFICIAL.

THE CONTRACTOR SHALL COORDINATE THE TRUSS TO TRUSS ANCHOR REQUIREMENTS WITH THE TRUSS ENGINEERING SHOP DRAWINGS. SOME OF THE TRUSS TO TRUSS CONNECTIONS WILL REQUIRE ANCHOR STRAPS IN ADDITION TO TYPICAL NAILING. ANCHOR DEVICES SHALL BE REQUIRED FOR ALL JOINTS WITH AN UPLIFT OR GRAVITY LOAD OF 100 LBS OR GREATER.

TRUSSES BEARING ON INTERIOR PARTITIONS WHERE UPLIFT LOADS ARE PRESENT SHALL REQUIRE ANCHORS OF EQUAL OR GREATER LOAD CAPACITY THAN THAT INDICATED BY THE TRUSS SHOP DRAWINGS. THE UPLIFT ANCHOR SYSTEM SHALL BE CONTINUOUS TO THE FOUNDATION.

PROJECT COORDINATION REQUIREMENTS

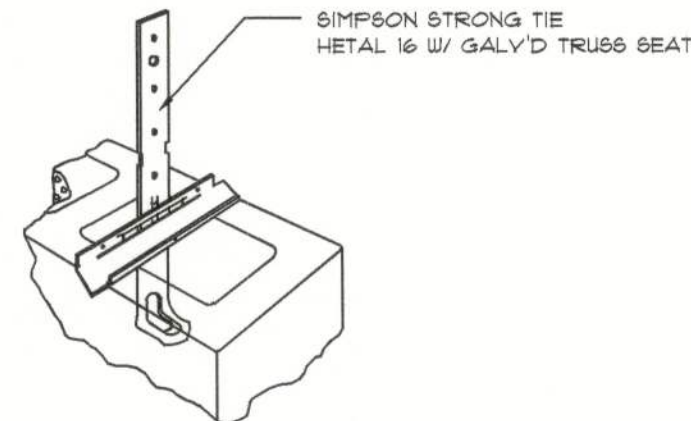
NOTICE!
THESE PLANS ARE DRAWN FOR AVERAGE SITE CONDITIONS AND COMPLIANCE WITH APPLICABLE CODES AT THE TIME THEY ARE DRAWN. DUE TO VARYING STATE, LOCAL, AND NATIONAL CODES RULES AND REGULATIONS, N.P. GEISLER, ARCHITECT CANNOT WARRANT COMPLIANCE WITH ALL APPLICABLE STATE, LOCAL, AND NATIONAL CODES IN YOUR AREA OR WITH YOUR PARTICULAR SITE CONDITIONS. IT IS THE RESPONSIBILITY OF THE PURCHASER AND/OR BUILDER TO SEE THAT THE STRUCTURE IS BUILT IN STRICT COMPLIANCE WITH ALL GOVERNING MUNICIPAL CODES (CITY, COUNTY, STATE, AND FEDERAL). IF YOUR CITY OR STATE REQUIRES AN ENGINEER'S SEAL FOR THE SITE/CIVIL PORTIONS OF THE WORK, YOU WILL NEED TO HAVE THAT DONE LOCALLY BY A QUALIFIED, LICENSED PROFESSIONAL ENGINEER.

Roof Framing PLAN

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



Truss Anchor DETAIL

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

GENERAL TRUSS NOTES:

- TRUSSES SHALL BE DESIGNED BY A LICENSED ENGINEER, AND IN ACCORDANCE WITH THE REQUIREMENTS OF THE "NATIONAL FOREST PRODUCTS ASSOCIATION" MANUAL FOR "STRESS RATED LUMBER AND ITS CONNECTIONS", LATEST EDITION, ALONG WITH THE "TRUSS PLATE INSTITUTE" SUGGESTED GUIDELINES FOR TEMPORARY AND PERMANENT BRACING, AND HANDLING OF TRUSSES. TRUSS SHOP DRAWINGS SHALL INCLUDE TRUSS DESIGN, PLACEMENT PLANS, DETS, & TRUSS TO TRUSS CONNECTIONS.
- TRUSS SHOP DRAWINGS SHALL BE SIGNED & SEALED BY THE DESIGNING ENGINEER.
- FOLLOWING DEVELOPMENT OF TRUSS SHOP DRAWINGS, ADJUSTMENTS TO THE ANCHOR REQUIREMENTS MAY BE REQUIRED DEPENDING ON THE ENGINEERED GRAVITY AND WIND UPLIFT REQUIREMENTS OF TRUSSES OR GIRDERS. THE CONTRACTOR SHALL MAKE AVAILABLE A COMPLETE SET OF TRUSS SHOP DRAWINGS TO THE ARCHITECT FOR THE PURPOSE OF REVIEW OF LOADS IMPOSED ON THE BALANCE OF THE STRUCTURE. ANY SUCH REQUIRED CHANGE SHALL BE INCORPORATED INTO THE CONSTRUCTION OF THIS STRUCTURE.

ROOF PLAN NOTES

- R-1 SEE EXTERIOR ELEVATIONS FOR ROOF PITCH
- R-2 ALL OVERHANG 18" UNLESS OTHERWISE NOTED
- R-3 PROVIDE ATTIC VENTILATION IN ACCORDANCE WITH SCHEDULE ON 8D.3
- R-4 SEE EXTERIOR ELEVATIONS AND FLOOR PLANS TO VERIFY PLATE AND HEEL HEIGHTS
- R-5 MOVE ALL VENTS AND OTHER ROOF PENETRATIONS TO REAR

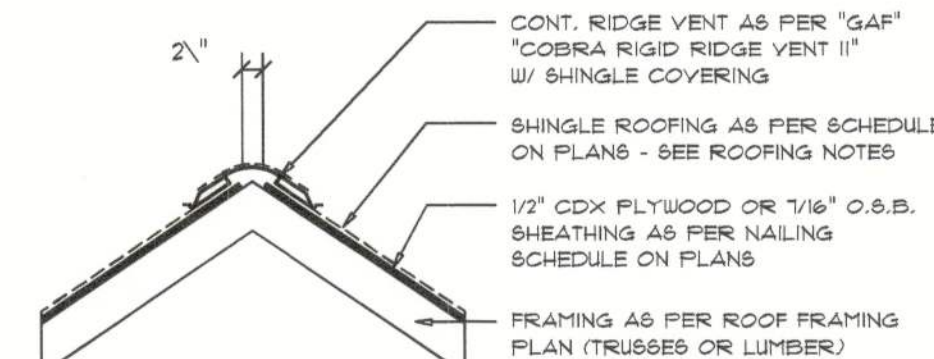
NOTE!

SHEATH ROOF W/ 1/2" CDX PLYWOOD PLACED W/ LONG DIMENSION PERPENDICULAR TO THE ROOF TRUSSES, SECURE TO FRAMING W/ 10d RING-SHANK NAILS - AS PER DETAIL ON SHEET 8.4

NOTE!

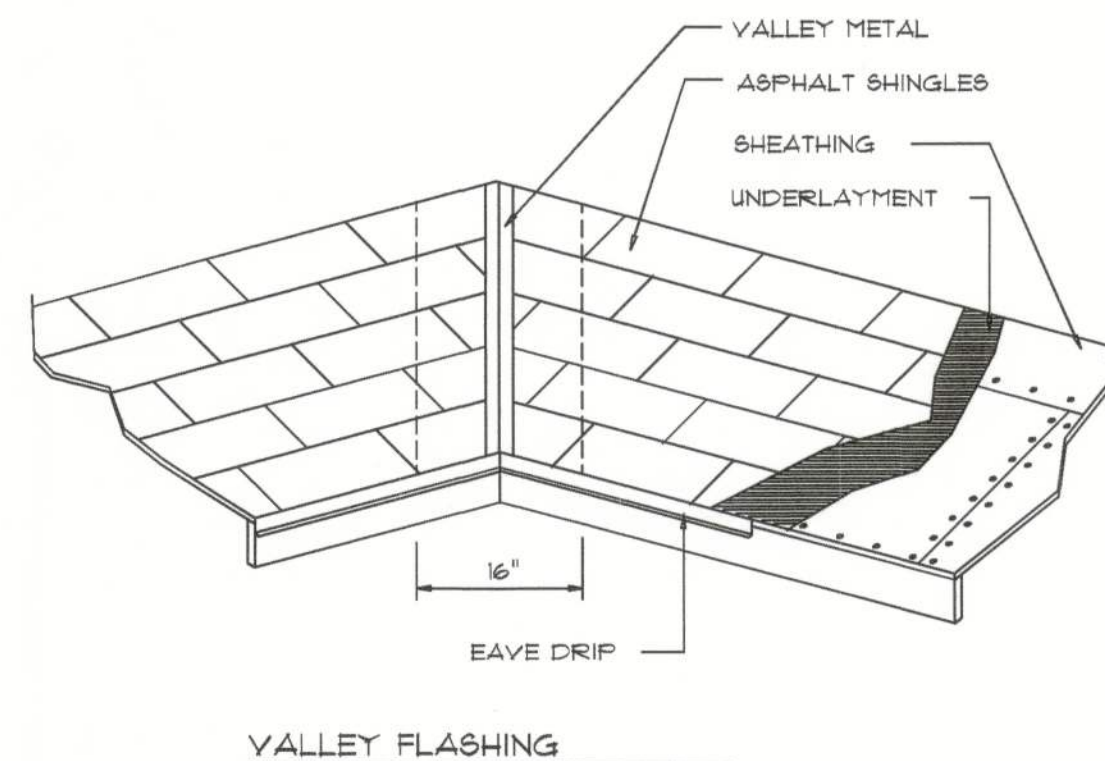
THE DESIGN WIND SPEED FOR THIS PROJECT IS 130 MPH PER 2013 FBC (8TH EDITION) AND LOCAL JURISDICTION REQUIREMENTS

AREA OF ATTIC	REQ'D L.F. OF VENT	NET FREE AREA OF INTAKE
1600 SF	30 LF	410 SQ. IN.
1900 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	810 SQ. IN.
3600 SF	44 LF	900 SQ. IN.



Ridge Vent DETAIL

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



ROOFING METALS for FLASHING/ROOFING MINIMUM THICKNESS REQUIREMENTS			
MATERIAL	MINIMUM THICKNESS (in)	GAGE	WEIGHT (OZ.)
COPPER			16
ALUMINUM	0.024		
STAINLESS STEEL		28	
GALVANIZED STEEL	0.0175	26 (ZINC COATED G90)	
ZINC ALLOY LEAD PAINTED TERNE	0.021		40 20

REVISIONS

June 06, 2024

SOFTPLAN
ARCHITECTURAL DESIGN BY TRUSS

THE 1826 MODEL DESIGN FOR:
VLADIMIR LUIS
PROJECT ADDRESS: NW KYLE COURT, LAKE CITY, FLORIDA 32025

AR0001006

NICHOLAS PAUL GEISLER
ARCHITECT
1758 NW Brown Rd.
Lake City, FL 32055
N.C.A.B. Certified (386) 365-4355

JOB NUMBER
20240601

SHEET NUMBER

S.2
OF 4 SHEETS

NOTE: ALL DRAWINGS NOT TO BE SCALED, WRITTEN DIMENSIONS TAKE PRECEDENCE OVER SCALED DIMENSIONS