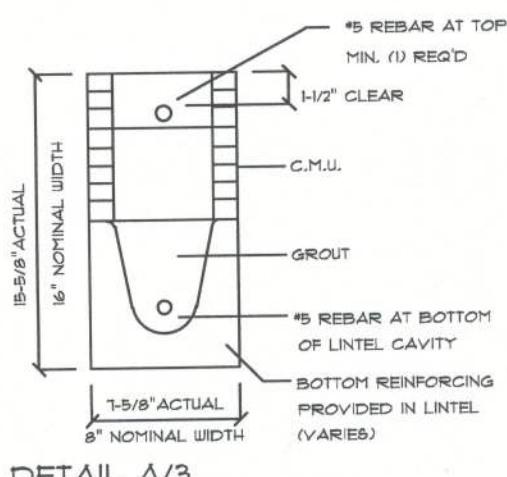


TYPE DESIGNATION

8" PRECAST + PRESTRESSED U-INTELS



MARK	LENGTH	TYPE	RUB	GRAVITY					
				8F8-CB	8F8-OB	8F16-OB	8F20-OB	8F24-OB	8F28-OB
L1	2'-10" (34')	PRECAST	2301	3166	4413	6099	7526	9004	10472
L2	3'-6" (42')	PRECAST	3302	3166	4413	6099	7526	9004	10472
L3	4'-0" (48')	PRECAST	2029	2646	4413	6099	7526	9004	10472
L4	4'-6" (54')	PRECAST	1681	1787	3153	3687	4409	5149	5896
L5	5'-0" (60')	PRECAST	1384	1223	1301	1809	2317	2826	3334
L6	5'-10" (70')	PRECAST	972	1000	1099	1474	1899	2304	2721
L7	6'-6" (78')	PRECAST	937	1255	1201	1396	1560	1734	1908
L8	7'-6" (90')	PRECAST	761	1029	1675	1885	1984	2439	2866
L9	8'-4" (100')	PRECAST	573	632	1048	1449	1707	1982	2271
L10	10'-6" (126')	PRECAST	456	482	802	1028	1331	1635	1938
L11	11'-4" (136')	PRECAST	448	658	1028	1331	1635	1938	2241
L12	12'-0" (144')	PRECAST	414	598	935	1245	1554	1863	2172
L13	13'-4" (160')	PRECAST	362	427	736	1028	1331	1635	1938
L14	14'-0" (168')	PRECAST	338	485	748	1076	1436	1855	2243
L15	14'-8" (176')	PRESTRESSED	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.	N.R.
L16	15'-4" (184')	PRESTRESSED	N.R.	420	689	1050	1355	1660	1965
L17	17'-4" (208')	PRESTRESSED	N.R.	310	530	850	1400	1800	2200
L18	18'-4" (220')	PRESTRESSED	N.R.	240	420	750	1050	1400	1750
L19	21'-4" (256')	PRESTRESSED	N.R.	183	330	610	840	1340	1780
L20	22'-0" (264')	PRESTRESSED	N.R.	160	300	570	810	1250	1660
L21	24'-0" (288')	PRESTRESSED	N.R.	150	240	470	720	1030	1350

MARK	LENGTH	TYPE	RUB	GRAVITY					
				8F8-OB	8F16-OB	8F20-OB	8F24-OB	8F28-OB	8F32-OB
L22	4'-4" (52')	PRECAST	1485	1591	3053	3882	3954	4329	5904
L23	4'-6" (54')	PRECAST	1351	1445	2782	2714	3600	4481	5575
L24	5'-0" (60')	PRECAST	785	722	342	4592	6472	7841	9416
L25	5'-10" (70')	PRECAST	735	832	350	3502	3502	3502	3502
L26	6'-6" (78')	PRECAST	822	103	262	4074	6472	6516	5814
L27	7'-6" (90')	PRECAST	665	901	1671	2533	2576	3223	3872
L28	8'-8" (104')	PRECAST	371	361	1711	2292	1858	2491	2844
				450	834	1253	1071	1542	1614
				535	928	1481	3719	2618	3555

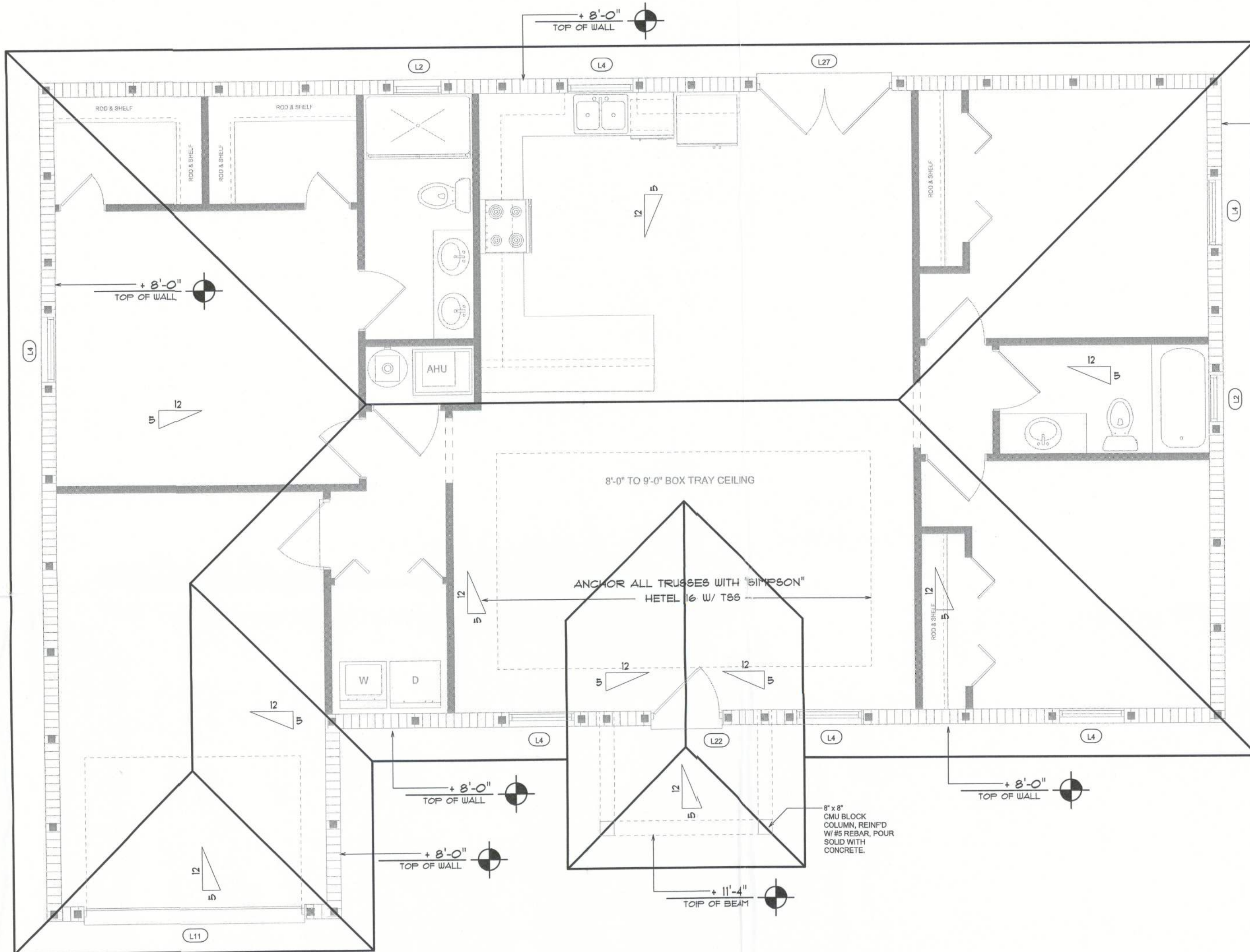
SHOP DRUG COORDINATION: THE TRUSS ANCHOR STRAPS AS INDICATED IN THE CONSTRUCTION DOCUMENTS ARE SUGGESTED STRAPS AND THAT THE TRUSS ENGINEERED SHOP DRAWING LOADS TAKE PRECEDENCE OVER THAT INDICATED IN THE CONSTRUCTION DOCUMENTS. THE UPLIFT LOADS INDICATED FOR EACH TRUSS IN THE ENGINEERED TRUSS SHOP DRAWINGS 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

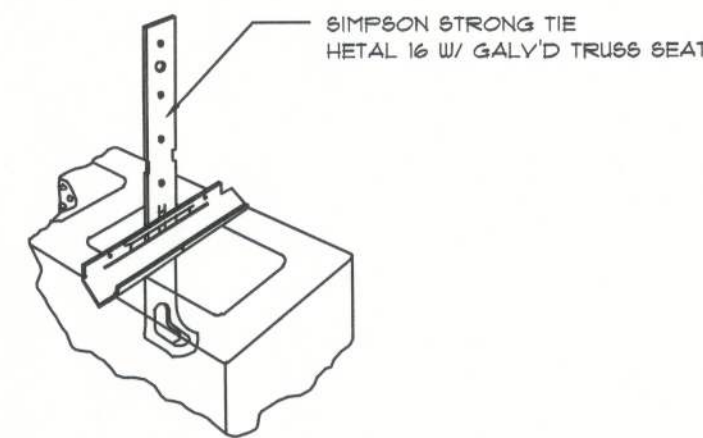
NOTICE: THESE PLANS ARE DRAWN FOR AVERAGE SITE CONDITIONS AND COMPLIANCE WITH APPLICABLE CODES AT THE TIME THEY ARE DRAWN. DUE TO VARYING STATE, LOCAL, AND NATIONAL CODES, RULES AND REGULATIONS, N.P. GEISLER, ARCHITECT CANNOT WARRANT COMPLIANCE WITH ALL APPLICABLE STATE, LOCAL, AND NATIONAL CODES IN 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 BUILDING, 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 Ed., ALONG W/ 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, 4 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.

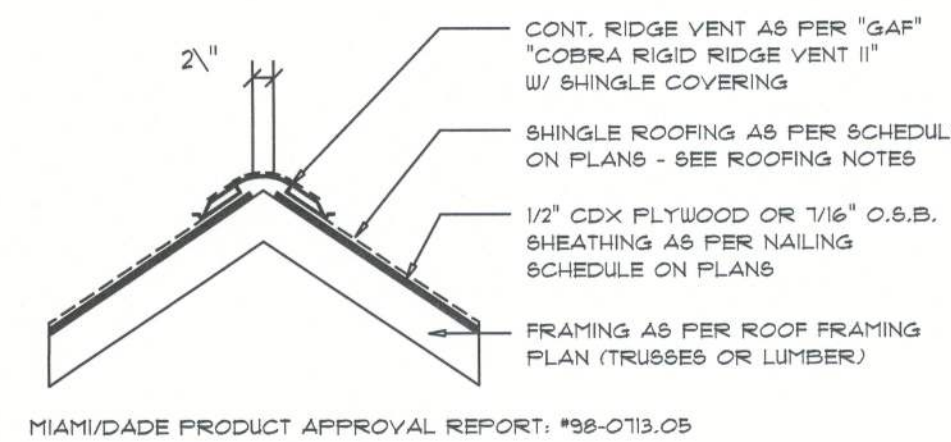
ROOF PLAN NOTES

- 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 SD.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 5.4

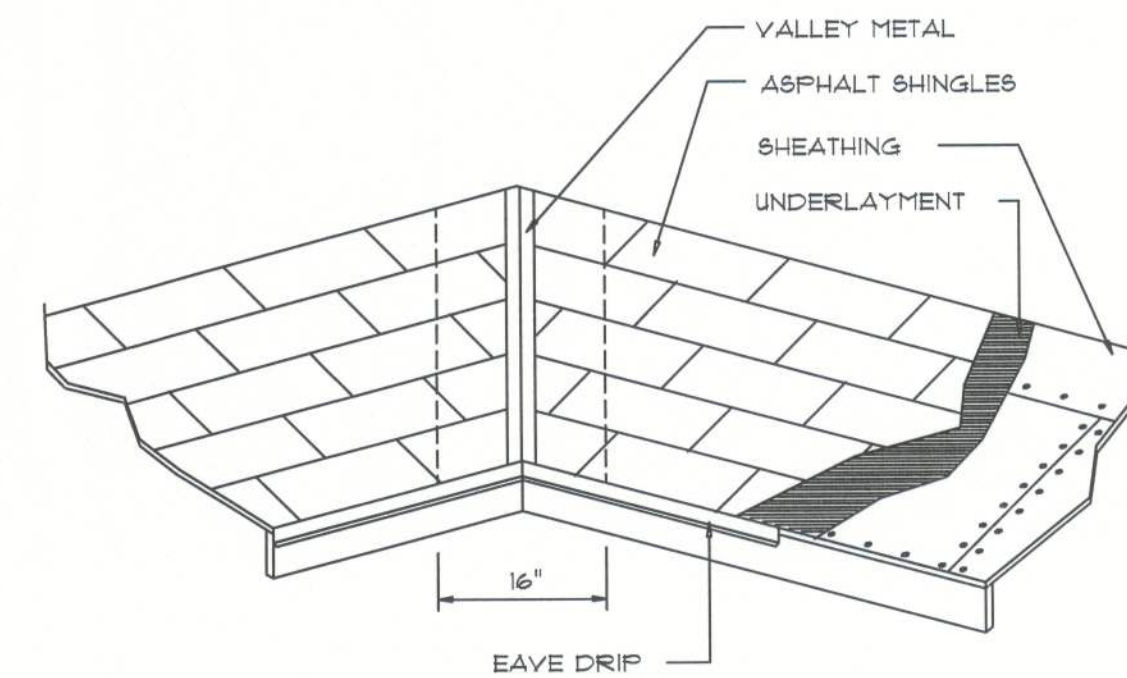
NOTE: THE DESIGN WIND SPEED FOR THIS PROJECT IS 130 MPH PER 2023 FBC (8TH EDITION) AND LOCAL JURISDICTION REQUIREMENTS

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	480 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.



Ridge Vent DETAIL

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



VALLEY FLASHING

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	0.0178	26 (ZINC COATED G90)	
ZINC ALLOY LEAD PAINTED TERNE	0.021		40 20

REVISIONS
March 08, 2024

SOFTPLAN
ARCHITECTURAL DESIGN SOFTWARE

A CUSTOM HOME DESIGN FOR:
YASMANIS REYES
PROJECT ADDRESS: 301 NW COLEMAN PLACE, LAKE CITY, FLORIDA 32025

AR0007005

NICHOLAS GEISLER ARCHITECT
1758 NW Brown Rd.
Lake City, FL 32055
N.C.A.R.S. Certified (386) 365-4555

JOB NUMBER
20240227

SHEET NUMBER
S.2

OF 4 SHEETS

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