

TYPE DESIGNATION

8" PRECAST & PRESTRESSED U-INTELS

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MARK	LENGTH	TYPE	SUS	GRAVITY							
				8F8-CB	8F10-CB	8F12-CB	8F14-CB	8F16-CB	8F18-CB	8F20-CB	8F22-CB
L1	2'-0"	(34")	PRECAST	2302	3166	4473	6039	7536	9004	10472	11936
L2	3'-6"	(42")	PRECAST	2302	3166	4473	6039	7536	9004	10472	11936
L3	4'-0"	(48")	PRECAST	2028	3166	4473	6039	7536	9004	10472	11936
L4	4'-6"	(54")	PRECAST	1651	1781	1933	2081	2231	2381	2531	2681
L5	5'-4"	(64")	PRECAST	1184	1223	1301	1381	1461	1541	1621	1701
L6	5'-10"	(70")	PRECAST	512	1000	1099	1174	1259	1334	1419	1504
L7	6'-6"	(78")	PRECAST	931	1089	1201	1296	1386	1476	1566	1656
L8	7'-6"	(90")	PRECAST	161	1029	1076	1165	1254	1343	1432	1521
L9	8'-4"	(100")	PRECAST	512	1000	1099	1174	1259	1334	1419	1504
L10	10'-4"	(124")	PRECAST	456	1000	1099	1174	1259	1334	1419	1504
L11	11'-4"	(136")	PRECAST	445	1000	1099	1174	1259	1334	1419	1504
L12	12'-0"	(144")	PRECAST	414	1000	1099	1174	1259	1334	1419	1504
L13	13'-4"	(160")	PRECAST	362	1000	1099	1174	1259	1334	1419	1504
L14	14'-0"	(168")	PRECAST	338	1000	1099	1174	1259	1334	1419	1504
L15	14'-8"	(176")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
L16	15'-4"	(184")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
L17	17'-4"	(208")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
L18	19'-4"	(232")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
L19	21'-4"	(256")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
L20	22'-0"	(264")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR
L21	24'-0"	(288")	PRESTRESSED	N.R.	NR	NR	NR	NR	NR	NR	NR

MARK	LENGTH	TYPE	SUS	GRAVITY							
				8F8-CB	8F10-CB	8F12-CB	8F14-CB	8F16-CB	8F18-CB	8F20-CB	8F22-CB
L22	4'-4"	(52")	PRECAST	1489	1591	1701	1811	1921	2031	2141	2251
L23	4'-6"	(54")	PRECAST	1351	1448	1551	1651	1751	1851	1951	2051
L24	5'-8"	(68")	PRECAST	185	103	103	103	103	103	103	103
L25	5'-10"	(70")	PRECAST	135	103	103	103	103	103	103	103
L26	6'-8"	(80")	PRECAST	822	103	103	103	103	103	103	103
L27	7'-6"	(90")	PRECAST	665	103	103	103	103	103	103	103
L28	9'-8"	(116")	PRECAST	371	103	103	103	103	103	103	103

SHOP DUG 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.

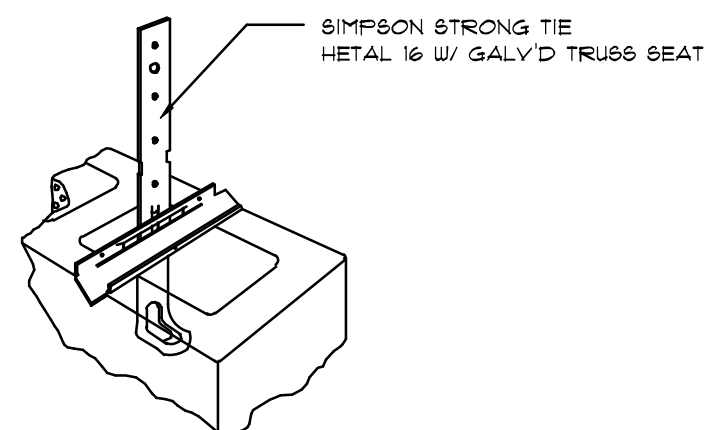
PROJECT COORDINATION REQUIREMENTS

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 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, LICENCED PROFESSIONAL ENGINEER.

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, & 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

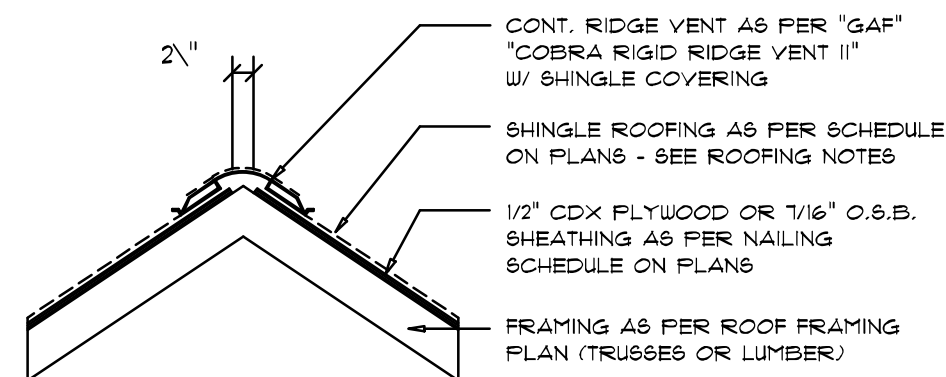
NOTE!

SHEATH ROOF W/ 1/2" CDX PLYWOOD PLACED W/ LONG DIMENSION PERPENDICULAR TO THE ROOF TRUSSES, SECURE TO FRAMING W/ 8d NAILS - AS PER DETAIL ON SHEET SD.4

NOTE!

THE DESIGN WIND SPEED FOR THIS PROJECT IS 130 MPH PER 2011 PER R301.2.1.1 AND LOCAL JURISDICTION REQUIREMENTS

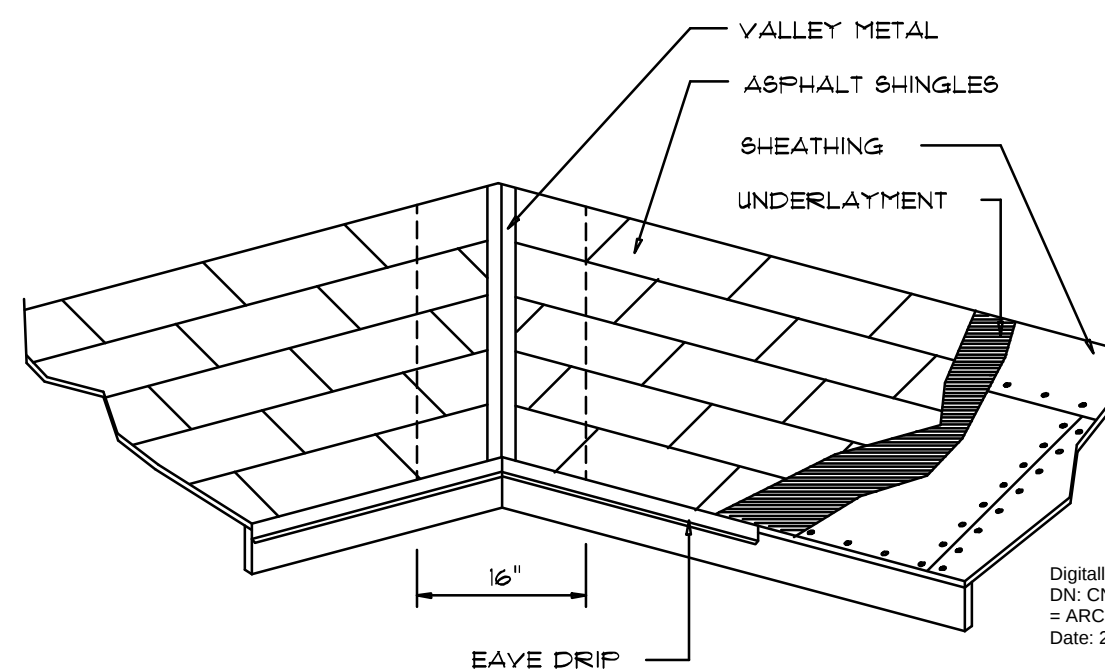
AREA OF ATTIC	REQ'D L.F. OF VENT	NET FREE AREA OF INTAKE
1600 SF	20 LF	410 SQ.IN.
1800 SF	24 LF	490 SQ.IN.
2000 SF	28 LF	570 SQ.IN.
2500 SF	32 LF	690 SQ.IN.
2800 SF	36 LF	730 SQ.IN.
3100 SF	40 LF	820 SQ.IN.
3600 SF	44 LF	900 SQ.IN.



MIAMI/DADE PRODUCT APPROVAL REPORT: #8-0713-05

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	0.0175	26 (ZINC COATED G30)	
ZINC ALLOY LEAD PAINTED TERNE	0.021		40 20

A CUSTOM HOME FOR:
PETER & ANNA LEV
PROJECT ADDRESS: 125 SW MILKWEED CT, LAKE CITY, FLORIDA 32025

N. P. GEISLER

Digitally signed by N. P. GEISLER
DN: cn = N. P. GEISLER, c = US, o = AR0007005 OU
= ARCHITECT
Date: 2022.10.20 15:43:50 -0500

AR0007005

NICHOLAS PAUL GEISLER ARCHITECT
P.A. Certified
1758 NW Brown Rd.
Lake City, FL 32055
(850) 352-4935

JOB NUMBER
20221011

SHEET NUMBER

S.2
OF 4 SHEETS

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