

				MAXIMUM HEADER SPAN IN FEET				
			3'	6'	9'	12'	15'	16'
		NUMBER OF HEADER STUDS SUPPORTING END OF HEADER						
			1	1	2	2	2	2
	UNSUPPORTE WALL HEIGHT	D _{STUD} SPACING	NUMI	NUMBER OF FULL LENGTH STUDS AT EACH EN		H END OF H	ID OF HEADER	
	10 FT. OR LESS	16 IN.	1	2	2	2	2	2
	GREATER THAN 10 FT.	16 IN.	1	2	2	2	3	3

FRAMING DETAILS FOR OPENINGS

TO BOTTOM OF TRUSS.

TOP PLATE

2X4 MIN. SPF #2 STUD WALL

ALSO SEE MFG. INSTALLATION INSTRUCTION

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

GARAGE DOOR BUCK

SIMPSON (2) LSTA24 18-10d 1295# ALLOW. LÒÁD (1) EA. SIDE GARAGE DOOR BUCK EXTENDS BEAM MIN. (2)2"X12" W/ 1/2" PLYWOOD FLINTCH PLATE SIMPSON BC46 COLUMN CAP - DBL 2X4 MIN. SPF #2 6" BEVELED TRIM 6" X 6" P.T. SYP. POST 1"x HARDI- TRIM ON ALL SIDES 1"x6" BEVELED CONCRETE BASED TRIM — 2x6 SPF #2 ATTACHED (HARDI-BOARD OR EQUAL) TO STUD WALL W/4 COUNTERSINK 5" LAG POST SHALL BE INSTALLED W/ MIN. 2" BOLTS W/1/8"x2" WASHER CLEARANCE ABOVE PORCH FLOOR SIMPSON ABU 46 POST ANCHOR - 2x4 MIN. P\$ILL PLATE PORCH FOOTER SEE

POST DETAIL

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

FOUNDATION FOR SIZE

COMPONENT & CLADDING DESIGN PRESSURES:

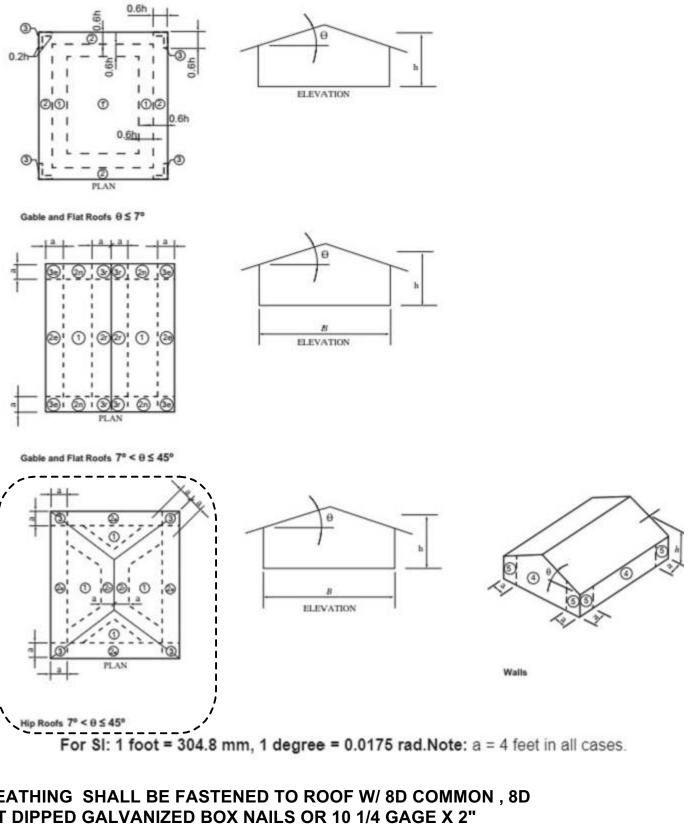
COMPONENT & CLADDING DESIGN PRESSURE LOADS: SUPPLIERS / MANUFACTURERS OF ALL CLADDING AND COMPONENTS (INCLUDING, BUT NOT LIMITED TO: SIDING, ROOFING, DOORS, WINDOWS, AWNINGS, ETC.) WILL SUBMIT REPORTS & DATA SIGNED AND SEALED BY A LICENSED STRUCTURAL ENGINEER IN THE STATE OF FLORIDA DOCUMENTING COMPLIANCE WITH THIS PROVISION OF THE FLORIDA BUILDING CODE; 2020 7th EDITION WITH SUPPLIMENTS

BASIC WIND SPEED 140 MPH ROOF SLOPE 20°-27° INTERNAL PRESSURE COEFFICIANT .18 'A' DIMENSION = 4'

COMPONENT & CLADDING

COMPONENT AND CLADDING WIND LOADS FOR A BUILDING WITH A MEAN ROOF HEIGHT OF 30 FEET

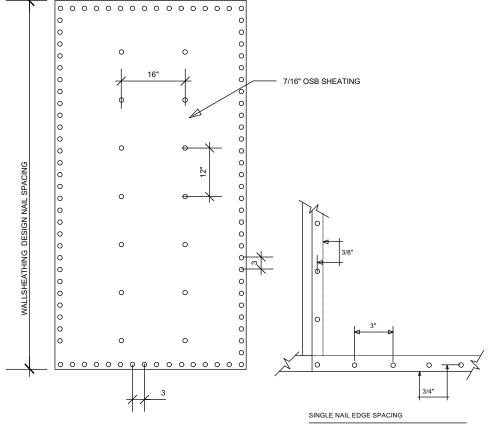
LOCATED IN EXPOSURE B (psf RIS	ZONE	EFFECTIVE WIND AREA	POS	NEG
	1	10	15.8	-28.3
	1	20	13.6	-25.1
	1	50	10.8	-20.8
HIP ROOF >20 TO 27 DEGREES	1	100	10.0	-17.6
	2e, 2r, 3	10	15.8	-39.1
	2e, 2r, 3	20	13.6	-34.9
	2e, 2r, 3	50	10.8	-29.4
	2e, 2r, 3	100	10.0	-25.3
	ZONE	EFFECTIVE WIND AREA	POS	NEG
	ZONE 4		POS 21.2	NEG -22.9
	 	WIND AREA	· · ·	
	4	WIND AREA	21.2	-22.9
	4	WIND AREA 10 20	21.2	-22.9 -22.0
WALLS	4 4 4	WIND AREA 10 20 50	21.2 20.2 19.0	-22.9 -22.0 -20.7
WALLS	4 4 4 4	WIND AREA 10 20 50 100	21.2 20.2 19.0 18.0	-22.9 -22.0 -20.7 -19.8
WALLS	4 4 4 4	WIND AREA 10 20 50 100 500	21.2 20.2 19.0 18.0 15.8	-22.9 -22.0 -20.7 -19.8 -17.6
WALLS	4 4 4 4 4 5	WIND AREA 10 20 50 100 500 10	21.2 20.2 19.0 18.0 15.8 21.2	-22.9 -22.0 -20.7 -19.8 -17.6 -28.3
WALLS	4 4 4 4 4 5 5	WIND AREA 10 20 50 100 500 10 20	21.2 20.2 19.0 18.0 15.8 21.2 20.2	-22.9 -22.0 -20.7 -19.8 -17.6 -28.3 -26.4



SHEATHING SHALL BE FASTENED TO ROOF W/8D COMMON, 8D HOT DIPPED GALVANIZED BOX NAILS OR 10 1/4 GAGE X 2" MINIMUM LENGTH POWER NAILS @ 4" O.C. ON SHEET EDGES AND 12"O.C. IN SHEET FIELD EXCEPT AS NOTED BELOW.

●ZONE 2e, 2r & 3 USE FASTENERS @ 4" O.C. ON SHEET EDGES AND 4" O.C. IN SHEET FIELD

•SPACE FASTENERS 4" O.C. MIN. @ GABLE ENDWALL OR GABLE TRUSS.



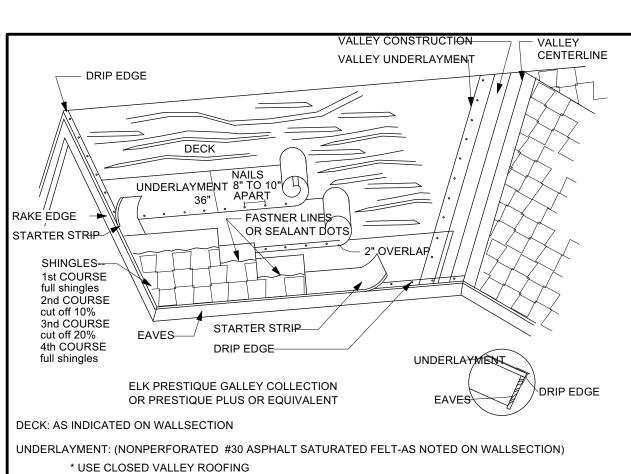
SHEATING NAILING PATTERN

WOOD FRAME CONSTRUCTION

MANUFACTUR	ER: SIMPS	ON HOLD DOWN
TRUSS/GIRDER	HOLD DOW	N NAILS
UPLIFT		
O-995	H10	8-8d
995-2200	H10 and H15	8-8d 4-10d4-10d 12-10d
2200-3965	MGT	22-10d
INTERIOR FRAM BEARING WALL	E H10	TRUSS 8 8d TOP PLATE 8 8d

UP 10 995 EQUAL OR SUPERIOR STRAPS MAY BE USED IN EACH CONDITION





VALLEY CONSTRUCTION: OPEN, WOVEN AND CLOSED VALLEYS ARE ACCEPTABLE WHEN APPLIED BY ASPHALT ROOFING MANUFACTURING ASSOCIATION (ARMA) RECOMMENDED PROCEDURES. FOR METAL VALLEYS, USE 36" WIDE VERTICAL UNDERLAYMENT PRIOR TO APPLYING 18" METAL FLASHING (SECURE EDGE W/ NAILS). NO NAILS ARE TO BE WITHIN 6" OF VALLEY CORNER.

FASTENERS: ALWAYS NAIL THROUGH THE FASTENER LINE OR ON PRODUCTS W/O FASTENER LINES, NAIL BETWEEN AND IN LINE W/ SEALANT DOTS. PROVIDE

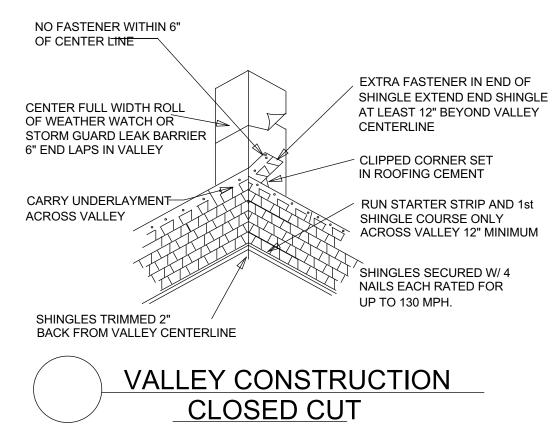
MIN. (6) PROPERLY PLACED NAILS PER SHINGLE. NAILS: CORROSIVE RESISTANT 3/8" head, min. 12 Gauge 1-1/4" - New roof 1-1/2" - Roof overs FASTENERS SHOULD BE LONG ENOUGH TO OBTAIN 3/4" DECK PENETRATION OR PENETRATION THROUGH DECK.

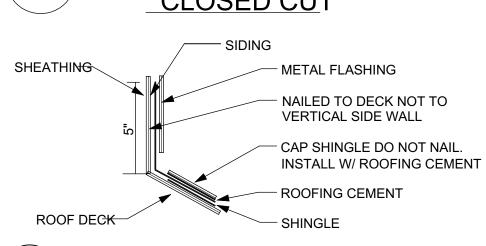
DRIP EDGE: SHALL BE PROVIDED @ EAVES AND GABLES OF SHINGLE ROOFS, AND OVERLAPPED A MIN. OF 2". EAVE DRIP EDGE SHALL EXTEND 1/4" BELOW SHEATHING AND EXTEND BACK ON THE ROOF A MIN. OF 2". DRIP SHALL BE MECHANICALLY FASTENED A MAXIMUM OF 12" O.C.

ROOF COVERING DETAIL

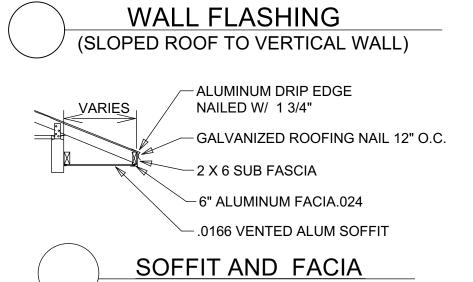
SHINGLE INSTALLATION DETAILS APPLY TO SHINGLES MADE BY THE FOLLOWING MANUFACTURERS WHICH HAVE BEEN APPROVED FOR 110 MPH ROYALSOVEREIGNCE MARQUIS/MARQUIS WEATHER MAX SLATELINE COUNTRY MANSION COUNTRY ESTATES TIMBERLINE 30 TIMBERLINE SELECT TIMBERLINE ULTRA SENTINEL GRAND CANYON **GRAND SEQUOIA** IF CONTRACTOR USES ANOTHER BRAND CONTRACTOR SHALL PROVIDE

INSTALLATION DETAILS

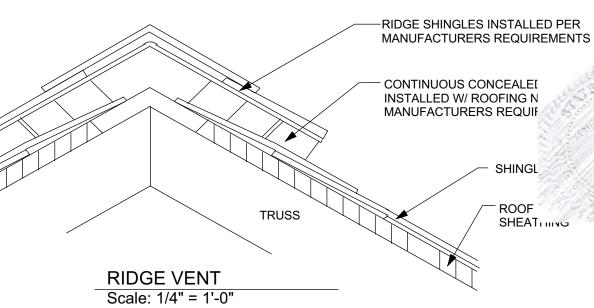




WALL FLASHING



INSTALLATION



ALL DRAWINGS AND SPECIFICATIONS ARE PROPERTY OF KERMIT HUGHES ARCHITECT. ANY REVISIONS OF ESE PLANS WITHOUT WRITTEN CONSEN ERMIT HUGHES ARCHITECT SHALL ENDEM KERMIT HUGHES ARCHITECT OF ANY RESPONSIBILITY RELATED TO THE PROJECT. 04-22-2022

THESE PLANS ARE NOT TO BE REVISED REPRODUCED OR DUPLICATED IN ANY

WAY WITHOUT WRITTEN CONSEN OF KERMIT HUGHES ARCHITECT

DRAWN BY: KERMIT

APPROVED BY: **KERMIT**

CITY

AR92098

Kermit Hughes c=US, st=Florida l=Ocala, o=Kerm James Hughes, cn=Kermit Hughes 2022.04.22 17:18:57 -04'00'

SHEET NO.

S101 4 OF 4