

				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
	UNSUPPORTED WALL HEIGHT	STUD PACING	NUMBER OF FULL LENGTH STUDS AT EACH END OF HEADER					EADER
	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

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

SIMPSON (2) LSTA24 18-10d 1295# ALLOW. LÒÁD (1) EA. SIDE GARAGE DOOR BUCK EXTENDS TO BOTTOM OF TRUSS. BEAM MIN. (2)2"X12" W/ 1/2" PLYWOOD FLINTCH PLATE SIMPSON BC46 COLUMN CAP - DBL 2X4 MIN. SPF #2 TOP PLATE 6" BEVELED TRIM 6" X 6" P.T. SYP. POST 2X4 MIN. SPF #2 STUD WALL 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 FOUNDATION FOR SIZE ALSO SEE MFG. INSTALLATION INSTRUCTION POST DETAIL GARAGE DOOR BUCK

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

COMPONENT & CLADDING DESIGN PRESSURES:

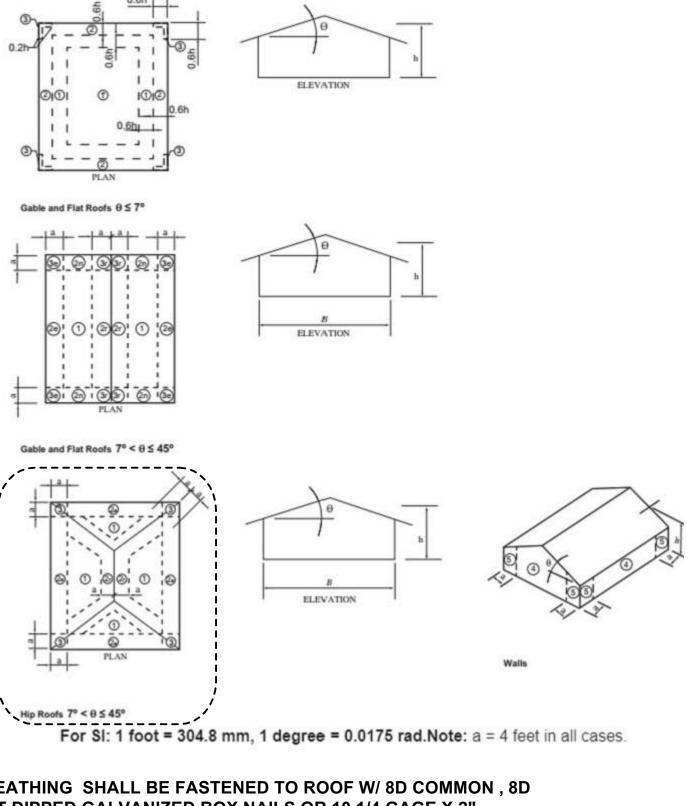
COMPONENT & CLADDING DESIGN PRESSURE LOADS: SUPPLIERS / MANUFACTURERS OF ALL CLADDING AND COMPONENTS (INCLUDING, BUT NOT LIMITED TO: SIDING, ROOFING, DOORS, WINDOWS, AWNINGS, ETC.) WILL SUBMIT REPORTS & DATA SIGNED AND SEALED BY A LICENSED STRUCTURAL ENGINEER IN THE STATE OF FLORIDA DOCUMENTING COMPLIANCE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

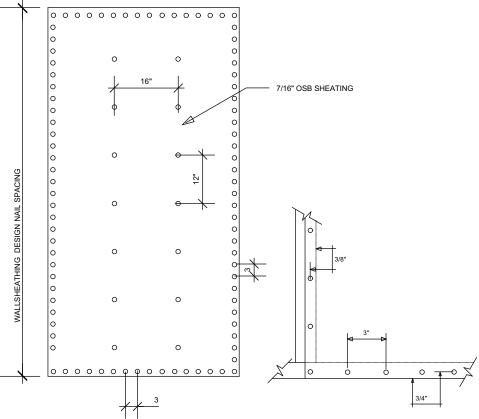
COMPONENT AND CLADDING WIND LOADS FOR A BUILDING WITH A MEAN ROOF HEIGHT OF 30 FEET LOCATED IN EXPOSURE B (psf RISK CATEGORY II

	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
		EFFECTIVE	DOS	NEC
	ZONE	WIND AREA	POS	
	ZONE 4		POS 21.2	NEG
	+	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 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	-22.0 -20.7 -19.8 -17.6 -28.3 -26.4

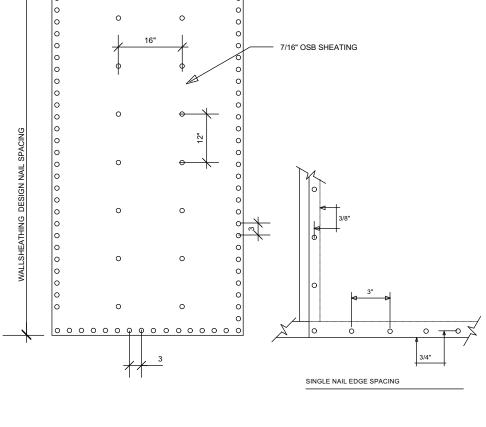


SHEATHING SHALL BE FASTENED TO ROOF W/8D COMMON, 8D HOT DIPPED GALVANIZED BOX NAILS OR 10 1/4 GAGE X 2" MINIMUM LENGTH POWER NAILS @ 4" O.C. ON SHEET EDGES AND 12"O.C. IN SHEET FIELD EXCEPT AS NOTED BELOW.

- ●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

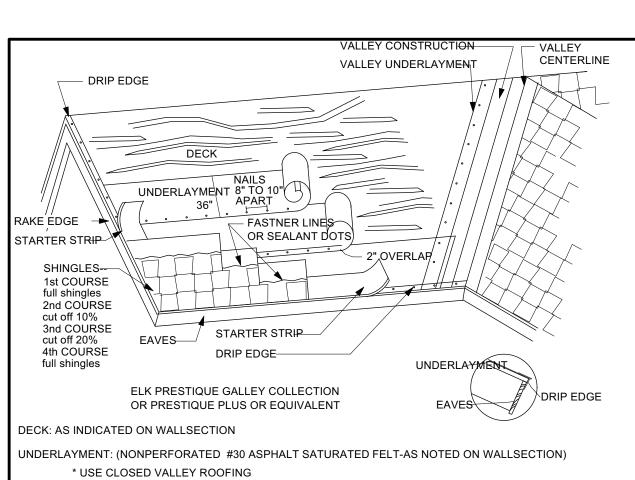


WOOD FRAME CONSTRUCTION

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 TO 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

MECHANICALLY FASTENED A MAXIMUM OF 12" O.C.

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

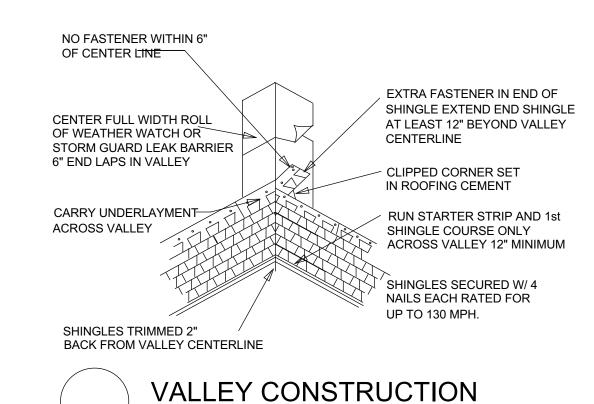
ROOF COVERING DETAIL



SHINGLE INSTALLATION DETAILS

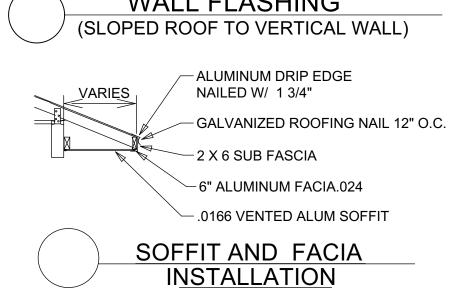
APPLY TO SHINGLES MADE BY THE FOLLOWING MANUFACTURERS WHICH HAVE BEEN APPROVED FOR 110 MPH ROYALSOFEREIGNCE MARQUIS/MARQUIS WEATHER MAX SLATELINE COUNTRY MANSION COUNTRY ESTATES TIMBERLINE 30 TIMBERLINE SELECT TIMBERLINE ULTRA SENTINEL GRAND CANYON **GRAND SEQUOIA** IF CONTRACTOR USES

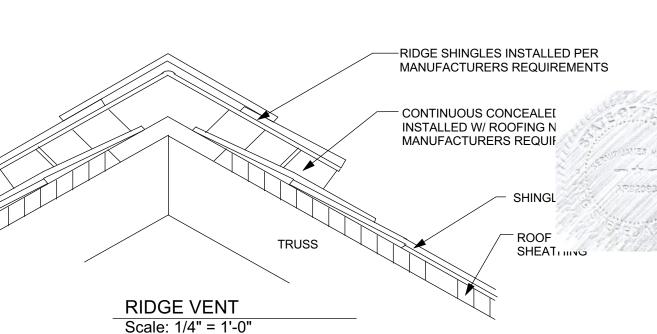
ANOTHER BRAND CONTRACTOR SHALL PROVIDE INSTALLATION DETAILS



CLOSED CUT SHEATHING METAL FLASHING NAILED TO DECK NOT TO VERTICAL SIDE WALL CAP SHINGLE DO NOT NAIL. INSTALL W/ ROOFING CEMENT - ROOFING CEMENT ROOF DECK

WALL FLASHING





WAY WITHOUT WRITTEN CONSEN OF KERMIT HUGHES ARCHITECT OF KERMIT HUGHES ARCHITECT
ALL DRAWINGS AND SPECIFICATIONS
ARE PROPERTY OF KERMIT HUGHES
ARCHITECT. ANY REVISIONS OF
THESE PLANS WITHOUT WRITTEN CONSENT
ERMIT HUGHES ARCHITECT SHALL ENDEMN
KERMIT HUGHES ARCHITECT
OF ANY RESPONSIBILITY RELATED
TO THE PROJECT.

04-22-2022 ISSUED

DRAWN BY: KERMIT

APPROVED BY: **KERMIT**

 $\mathbf{\Omega}$

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