

[illegible]

4/12

EXISTENCE
of all
things
depends
on
bottoms
will
w.

BOY WALL BELOW

24% 34% @ 16% O.C

8" OVER HAND

all. go 1573

DBL
24 8 34

27
C4 2013

TAKE IN AND
ALONGSIDE
EXTRE TOP
CORD

ADD 2X10 SYP.
ALONG TOP COED
OF PASTORAL GARDEN
BOLDED w/ 1/4" x 1/2" SPS
2 Row C 12" O.K.
6/12

2. Pkt

FAUSTGE TRÜSSES

DER

STABLE
ERKENNE GLEDER TRUSS 2.
WALL
W. 15

Bk. Van
Bum
us

2x10 SUP RASTERS
@ 16" O.C.
TRP.

2x25x8 44P

2x10 SYP Rafter
@ 16" O.C.
TYP

27'
RAFTER

TWP
 Asphalt Gravelly
 15' 6" Feet
 4 1/2" OSB
 2x12 HP
 Nail SP
 6" on edge
 8" on field

Digitally signed by
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o=Florida,
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PREPARED FOR
REED McDANIEL CONSTRUCTION
REED ROOFING
2230 SE DAYA DR. STE. 101
LAKE CITY, FL 32025
843.359.1569
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CONTACT: LESLIE McDANIEL

MITCHELL RESIDENCE
ROOF FRAMING PLAN
174 SW WISDOM WAY, LAKE CITY

PROJECT NO.	FL22017
DATE	APR. 4, 2022
REVISION DATE	
SHEET	5-1

5-1
Sheet

- DESIGN CODES:
2020 FLORIDA BUILDING CODE (FBC) - RESIDENTIAL
ASCE 7-10, 2005
NDS, ACI, ATC, AFWA, AFA, ICC 600-08
- OCCUPANCY: RESIDENTIAL GROUP R-3 (ONE- AND TWO-FAMILY DWELLINGS)
- DESIGN LOADS:

ROOF CONVENTIONAL FRAMING:
LL 20 PSF RAFTERS
LL 20 PSF CEILING JOISTS
DL 10 PSF RAFTERS
DL 10 PSF CEILING JOISTS
DL 30 PSF ATTICS WITH STORAGE
DL 10 PSF ATTICS W/O STORAGE

MAXIMUM HEIGHT OF STRUCTURE: 16'-11 1/2"
 • NUMBER OF STORIES: 1

- TYPE OF CONSTRUCTION: TYPE V-G, UNPROTECTED, UNSPRINKLERED

- WIND ZONE INFORMATION
BUILDING: ENCLOSED STRUCTURE
ULTIMATE DESIGN WIND SPEED: 130 MPH
NOMINAL DESIGN WIND SPEED: 110 MPH
BUILDING RISK CATEGORY: II
WIND EXPOSURE CATEGORY: C
INTERNAL PRESSURE COEFFICIENT: 0.18 CGpi ±

NOTE
7/16" O.S.B. NAILED WITH 8D 6"
O.C. IN FIELD & 4" O.C. ON EDGES

Simpson Strong-Tie Co. Strong-Drive SDWC TRUSS Screws may be used for uplift connection in lieu of straps. Strong-Drive SDWC TRUSS Screws to be installed per manufacturer's specifications.

Simpson Strong-Tie Co. Titen HD Heavy-Duty Screw Anchors 5/8" x 8", maximum spacing of 42" o.c., may be used in lieu of 5/8"x10" anchor bolts with 3"x3"x1/8" washer. Titen HD Heavy-Duty Screw Anchors shall be installed per manufacturer's specifications.

- **4" O.C.** GABLE END
- **6" O.C.** EDGES (ALL ZONES)
- **6" O.C.** INTERMEDIATE FRAMING (ZONE 3)
- **12" O.C.** INTERMEDIATE FRAMING (ZONES 1 & 2)

SEE FIGURE R803.2.3.1, SECTION R803.1, 2017 FLORIDA BUILDING CODE - RESIDENTIAL, SIXTH EDITION FOR ROOF SHEATHING NAILING ZONES

OVERLAP ROOFING UNDERLAYMENT 4"(MIN) OVER HIPS AND RIDGES

BUTTON CAP NAILS ARE USED TO FASTEN UNDERLAYMENT TO ROOF DECK WHEN SHINGLES NOT INSTALLED SAME DAY

DRIP EDGE INSTALLED OVER THE UNDERLAYMENT AT RAKES AND UNDER THE UNDERLAYMENT AT EAVES

ALL ROOF PENETRATIONS ARE PROPERLY FLASHED W/ FLASHING OF THE
CORRECT SIZE FOR THE PENETRATION

METAL ROOFING ATTACHED W/ CORRECT FASTENERS PER CODE AND
MANUFACTURERS SPECS

1" SPACE IS MAINTAINED BETWEEN THE END OF THE GUTTER AND THE WALL CLADDING

7/16" O.S.B. NAILED WITH 8D 6
O.C. IN FIELD & 4" O.C. ON EDGES



ARCHITECTURAL SHINGLES

PRE-ENGINEERED ROOF TRUSSES

7/16" O.S.B. NAILED WITH
SPRCS 7H 6" MIN SPACING @ 0.5
O.C. ON EDGES
SHEATHING ON IT CLIPS

PROVIDE PERMANENT
BRACING TO TRUSSES
AS PER TRUSS MITR.
SPECS.

R-38 BATT INSULATION

1/2" DRYWALL

HURRICANE CLIPS AT EACH TRUSS

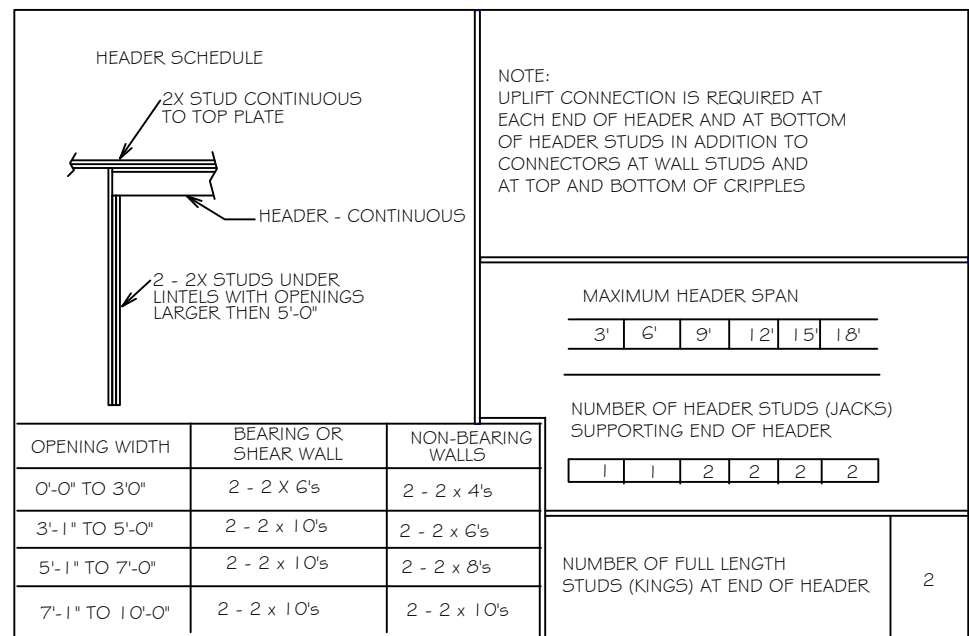
2-2X4 TOP PLATES

TYPICAL 2-4 EXTERIOR WALL ENDING PER
SPECS 7H 6" MIN SPACING @ 0.5 B. NAILED
FROM THE BOTTOM PLATE TO THE TOP OF
THE DOUBLE TOP PLATE WITH 6" @ 0.5 O.C.
EDGE AND 6" O.C. IN FIELD W/ SHIMMED
2-4 STUDS @ 16" O.C. R-19 BATT
INSULATION 1/2" DRYWALL VERTIC 4 WALL

2X6 FASCIA

SOFFIT

4" STUD EAVE



Digitally signed
by Carol
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