



CUSTOMER SELECTION NOTES

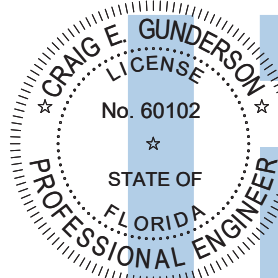
GENERAL BUILD'G NOTES	
1. MAIN FLOOR PLATE HEIGHT TO BE 8'-0" UNLESS NOTED OTHERWISE	
2. OPTIONAL BONUS PLATE HEIGHT TO BE UNLESS NOTED OTHERWISE	
3. INTERIOR AND EXTERIOR WALLS TO BE DRAWN AT 3/16" U.N.O.	
4. ALL ANGLES TO BE DRAWN AT 90° OR 45° UNLESS NOTED OTHERWISE	
5. WINDOW HEADER HEIGHT TO BE SET AT 6'-11" FROM TOP OF HOUSE SLAB TO BOTTOM OF WINDOW HEADER U.N.O.	
6. HEADER SIZES AND MATERIALS TO BE DETERMINED AND VERIFIED BY LICENSED ENGINEER AND BUILDER.	
7. SIZES, LOCATIONS, AND MATERIALS OF BEAMS, TRUSSES, GIRDERS, AND HEADERS ARE TO BE DETERMINED AND VERIFIED BY BUILDER, FRAMER, TRUSS SHOP, AND LICENSED ENGINEER	
7. FOOTER SIZE, MATERIAL AND LOCATIONS TO BE VERIFIED AND DETERMINED BY BUILDER, FOOTER CONTRACTOR, AND LICENSED ENGINEER	
8. ROOF VENTILATION TO BE DETERMINED AND VERIFIED BY BUILDER, ROOFING CONTRACTOR, AND LICENSED ENGINEER	
9. ALL MECHANICAL SYSTEMS DESIGNS, LOCATIONS AND SIZING TO BE DETERMINED AND VERIFIED BY BUILDER, APPROPRIATE TRADE CONTRACTOR , AND LICENSED ENGINEER	
10. BUILDER IS RESPONSIBLE FOR VERIFYING AND COMPLYING WITH ALL LOCAL, STATE, AND NATIONAL BUILDING CODES.	
11. LOCAL, STATE, & NATIONAL BUILD'G CODES TAKE PRECEDENCE OVER DRAWINGS	
12. BUILDER TO VERIFY ALL DIMENSIONS	
SQUARE FOOTAGE CHART	
MAIN FLOOR HEATED & COOLED AREA:	1267
COVERED FRONT PORCH AREA:	22
GARAGE AREA TO FRAME:	N/A
COVERED REAR LANAI AREA:	N/A
2ND FLOOR HEATED & COOLED AREA:	N/A
TOTAL HEATED AND COOLED AREA:	1267
TOTAL UNDER BEAM AREA:	1289
NOTE: ALL AREA CALCULATIONS ARE CALCULATED TO EXTERIOR OF FRAMED WALLS.	
<u>STREET ADDRESS:</u>	
0 SW MERCIFUL PLACE	
<u>CITY/STATE:</u>	
FT. WHITE, FL.	
<u>ZIP:</u>	
32038	
<u>COUNTY:</u>	
COLUMBIA	
<u>PERMIT NUMBER:</u>	
X	
<u>HEATH DEPT. NUMBER:</u>	
X	
DRAFTING DATES:	
PRELIM. : 7/29/2024 JPH	
PERM. :	
FINAL :	
Front & Rear Elevations	
<div style="font-size: 2em; font-weight: bold; margin: 0;">NEWPORT</div> <div style="font-size: 1.2em; font-weight: bold; margin: 0;">"CLASSIC"</div>	
<div style="text-align: right;"> <div style="font-weight: bold; font-size: 1.5em; margin: 0;">RED DOOR</div> <div style="font-weight: bold; font-size: 1.2em; margin: 0;">h o m e s</div> </div>	
COPYRIGHT 2022 RED DOOR HOMES, LLC. LICENSED TO RED DOOR HOMES OF: NORTH CENTRAL FLORIDA	
<div style="font-weight: bold; font-size: 1.2em; margin: 0;">JOB # : 12-246</div> <div style="font-weight: bold; font-size: 1.5em; margin: 0;">CRUZ-FERNANDEZ</div>	

I HEREBY CERTIFY AS THE BUILDING DESIGN ENGINEER OF RECORD THAT THE BUILDING DESIGN AS SHOWN ON THESE PLANS, STRUCTURAL COMPLIANCE ONLY AND AS ACCOMPANIED BY DESIGN AND SPECIFICATION DOCUMENTS, CONFORMS TO THE 2023 FLORIDA BUILDING CODE, 6TH EDITION. THIS CERTIFICATION DOES NOT RELIEVE THE DESIGNER FROM THE OBLIGATION TO COMPLY WITH THE 2023 FLORIDA BUILDING CODE, 6TH EDITION WITH SUPPLEMENTS.

THESE PLANS HAVE BEEN PREPARED IN COMPLIANCE WITH THE 2023 FLORIDA BUILDING CODE, 6TH EDITION WITH SUPPLEMENTS.

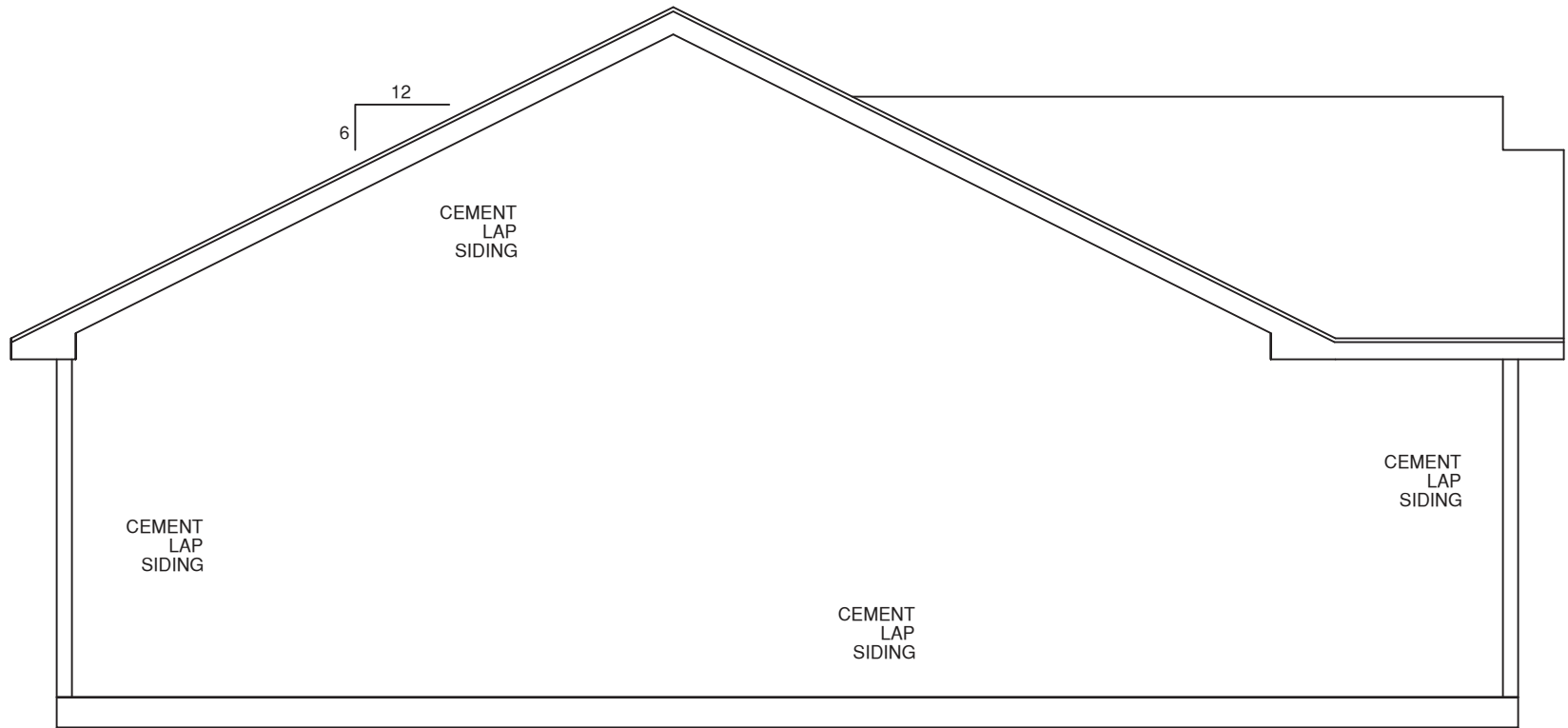
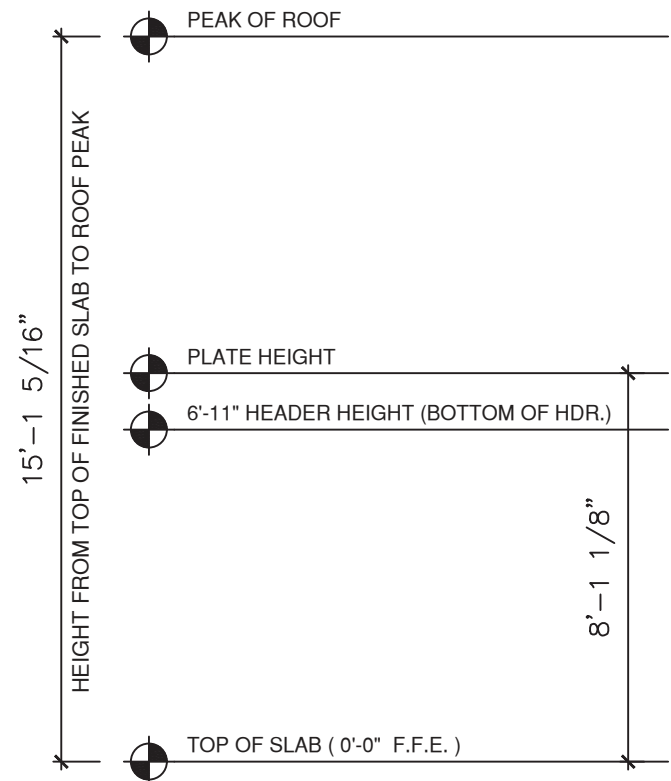
Craig E. Gunderson, P.E., 00000000

Date: _____

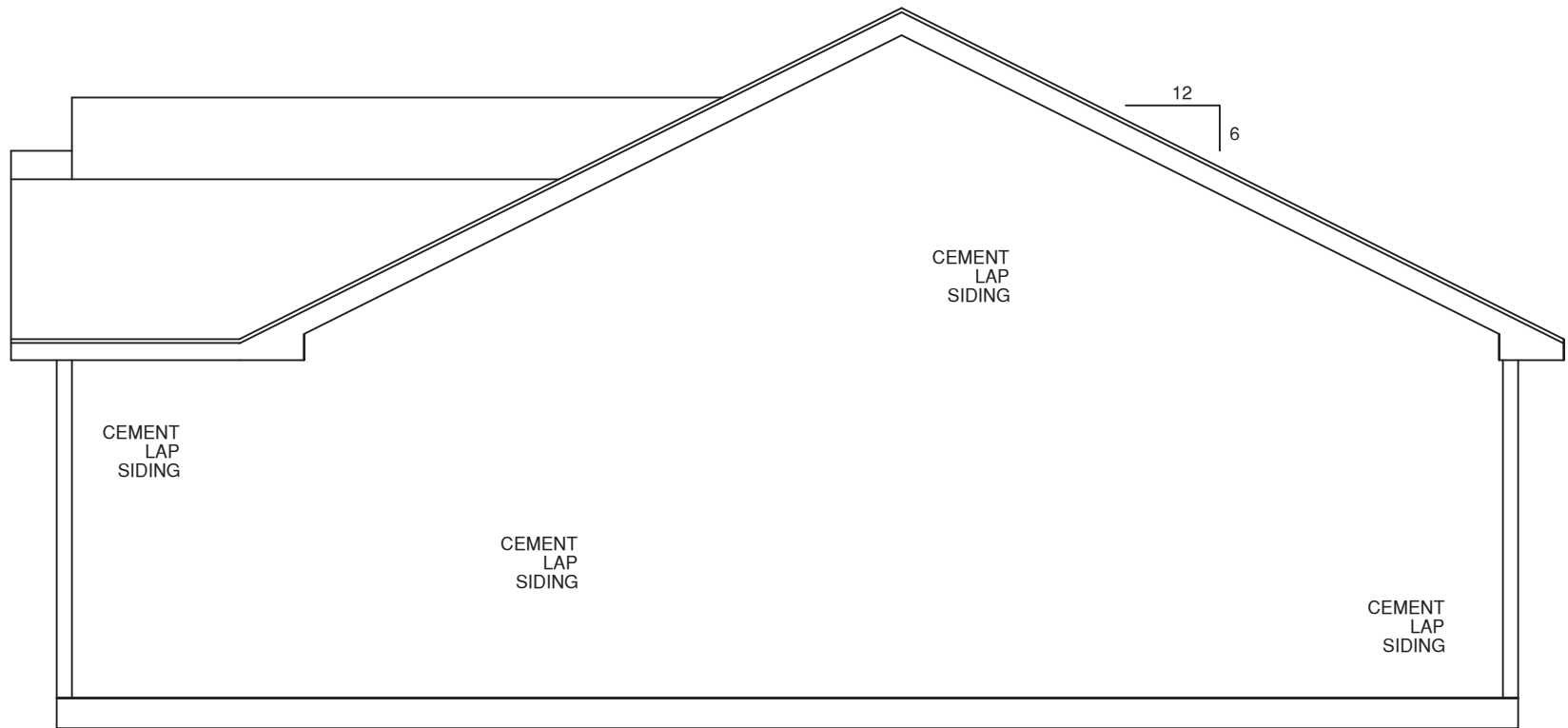
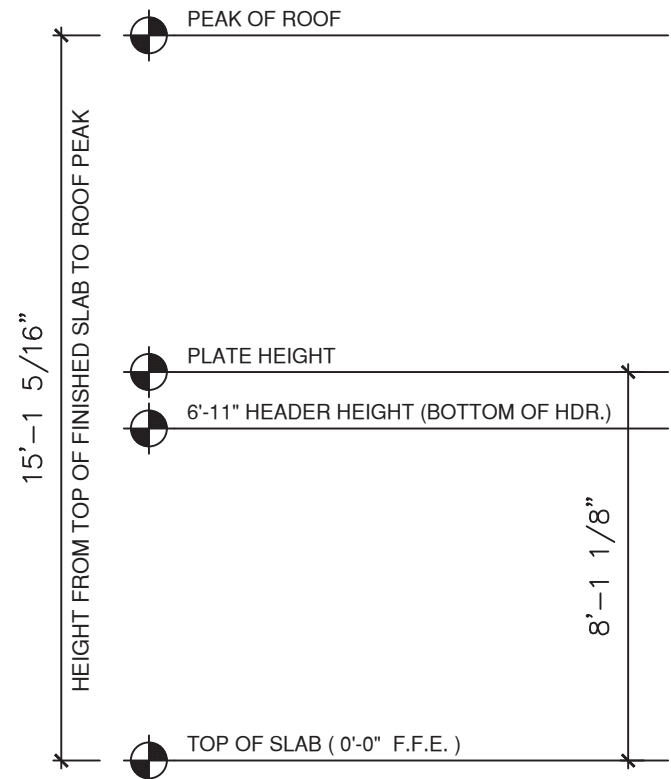


**Digitally signed
by Craig E Gunderson
Date: 2024.10.21
11:16:01-04'00'**

FLORIDA ENGINEERING, LLC
4001 W. HAWAII TRAIL, SUITE 100
PORT CHARLOTTE, FL 33682
P.O. BOX 1001, PORT CHARLOTTE, FL 33682



LEFT ELEVATION
SCALE 1/4"= 1'-0"



RIGHT ELEVATION
SCALE 1/4"= 1'-0"

GENERAL BUILD'G NOTES

1. MAIN FLOOR PLATE HEIGHT TO BE 8'-0" UNLESS NOTED OTHERWISE
2. OPTIONAL BONUS PLATE HEIGHT TO BE UNLESS NOTED OTHERWISE
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4. ALL ANGLES TO BE DRAWN AT 90° OR 45° UNLESS NOTED OTHERWISE
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11. LOCAL, STATE, & NATIONAL BUILD'G CODES TAKE PRECEDENCE OVER DRAWINGS
12. BUILDER TO VERIFY ALL DIMENSIONS

SQUARE FOOTAGE CHART

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GARAGE AREA TO FRAME:	N/A
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NOTE:
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STREET ADDRESS:

0 SW MERCIFUL PLACE

CITY/STATE:

FT. WHITE, FL.

ZIP:

32038

COUNTY:

COLUMBIA

PERMIT NUMBER:

HEATH DEPT. NUMBER:

DRAFTING DATES:

PRELIM. : 7/29/2024 JPH

PERM. :

FINAL :

Right & Left Elevations

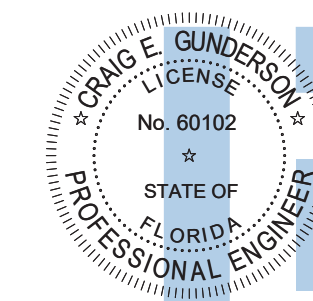
NEWPORT
"CLASSIC"



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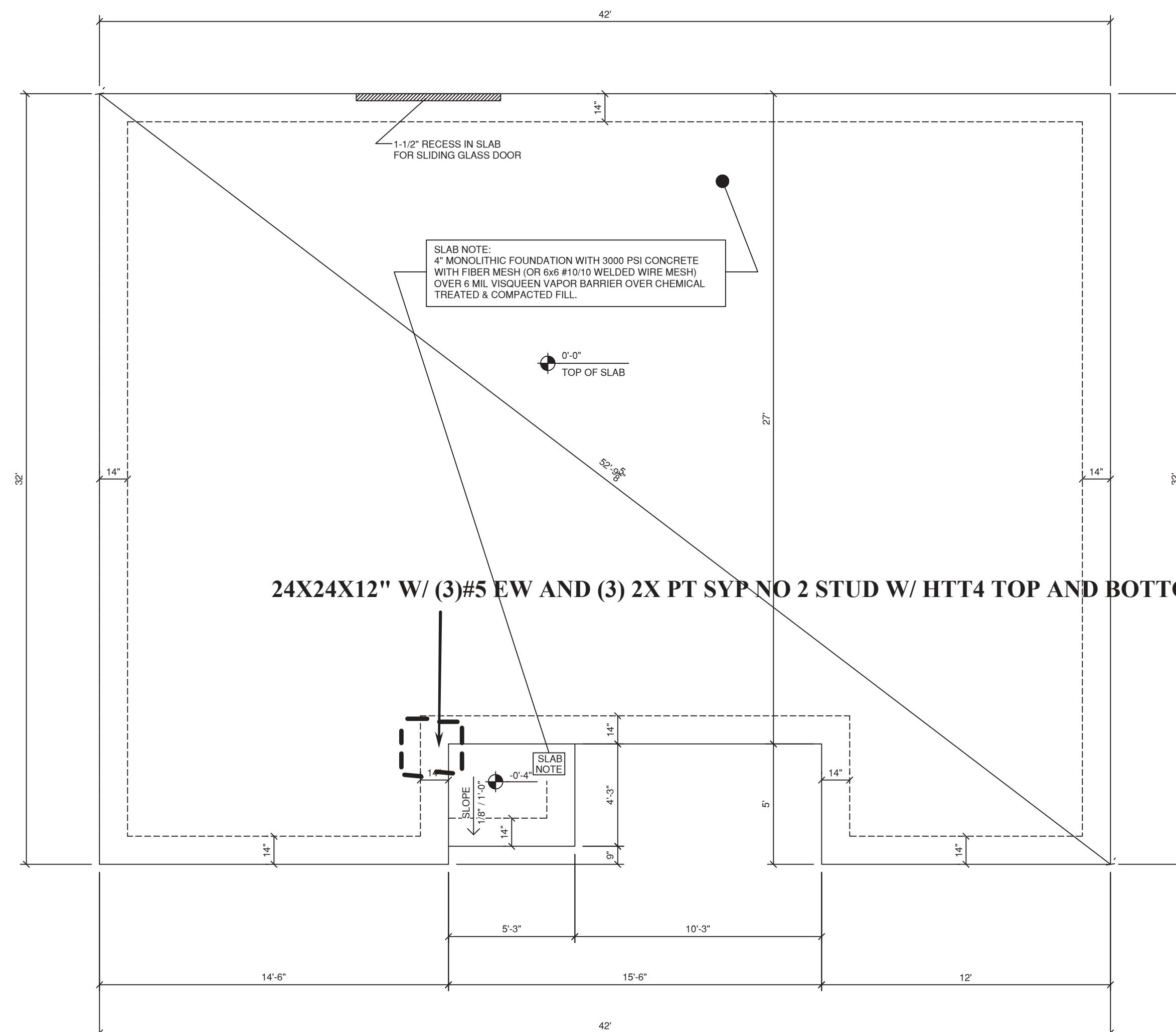
JOB # : 12-246
CRUZ-FERNANDEZ

FLORIDA ENGINEERING, LLC
4151 TAMMAM TRAIL, UNIT 10
PORT CHARLOTTE, FL. 3396
PH: (813) 291-5900
FAX: (813) 979-8196

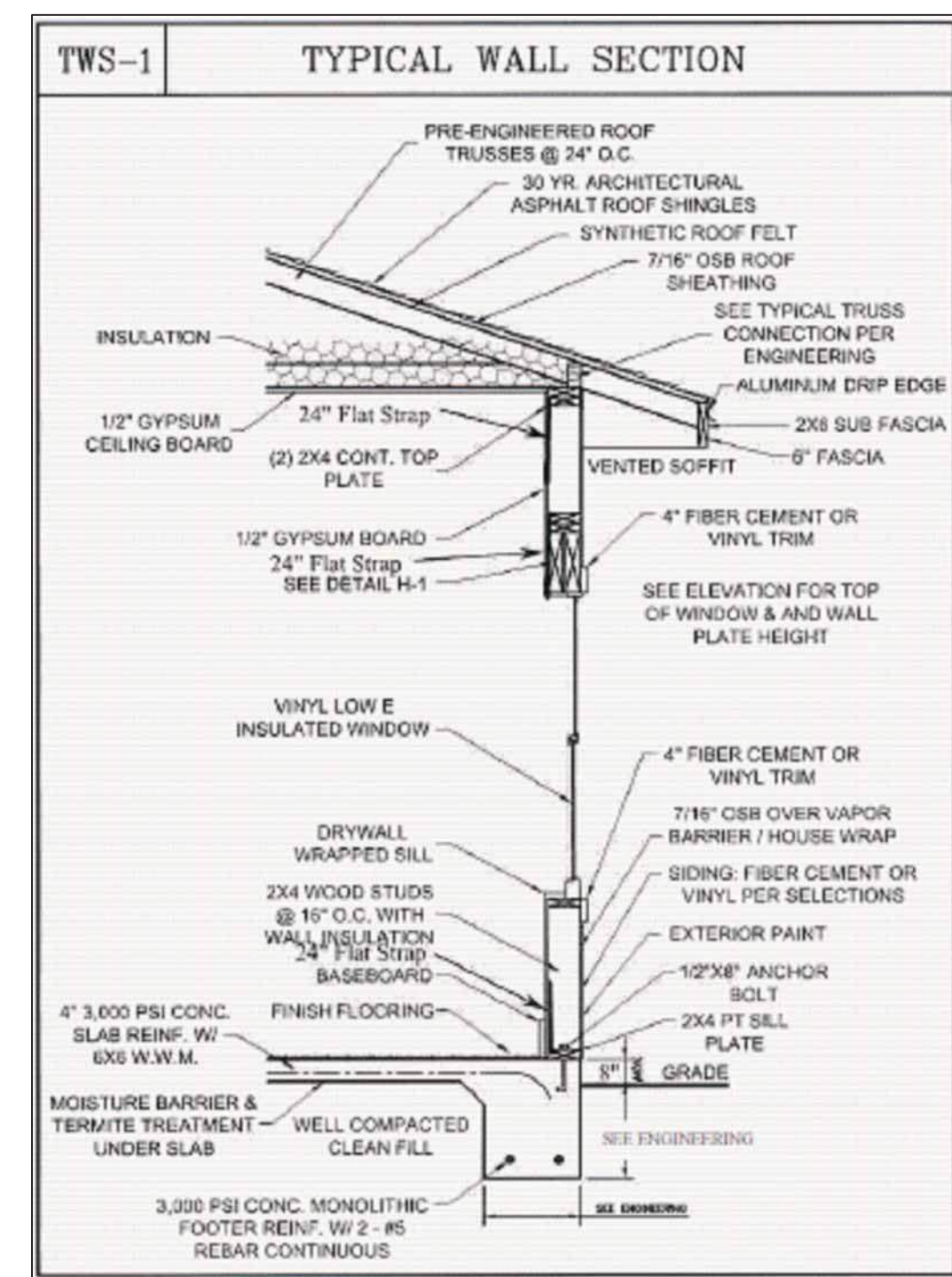


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CRAIG E. GUNDERSON, State of Florida, Professional Engineer, License No. 60102. This item has been digitally signed and sealed by Craig E. Gunderson, P.E. on the date adjacent to the seal using a SHA-1 authentication code. Printed copies of this document are not considered signed and sealed and the signature must be verified on electronic copies.



SCALE 1/4"= 1'-0"



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0 SW MERCIFUL PLACE

FT. WHITE, FL.

32038

COLUMBIA

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PRELIM. : 7/29/2024 JPH
 PERM. :
 FINAL :

"CLASSIC"



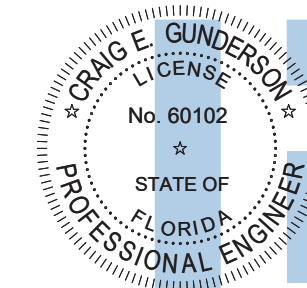
RED DOOR
homes

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NORTH CENTRAL FLORIDA

JOB # : 12-246
CRUZ-FERNANDEZ

I HEREBY CERTIFY AS THE BUILDING DESIGN ENGINEER OF RECORD, THAT THE BUILDING DESIGN AS SHOWN ON THESE PLANS MEETS ALL STRUCTURAL REQUIREMENTS AND IS ACCOMPANIED BY DESIGN AND SUPPORT DOCUMENTS IN ACCORDANCE WITH THE 2024 FLORIDA BUILDING CODE, 6TH EDITION. THIS CERTIFICATION DOES NOT PRECLUDE THE DESIGN PROFESSIONAL'S OBLIGATION TO VERIFY THE DESIGN COMPLIANCE WITH THE 2024 FLORIDA BUILDING CODE, 6TH EDITION WITH SUPPLEMENTS.

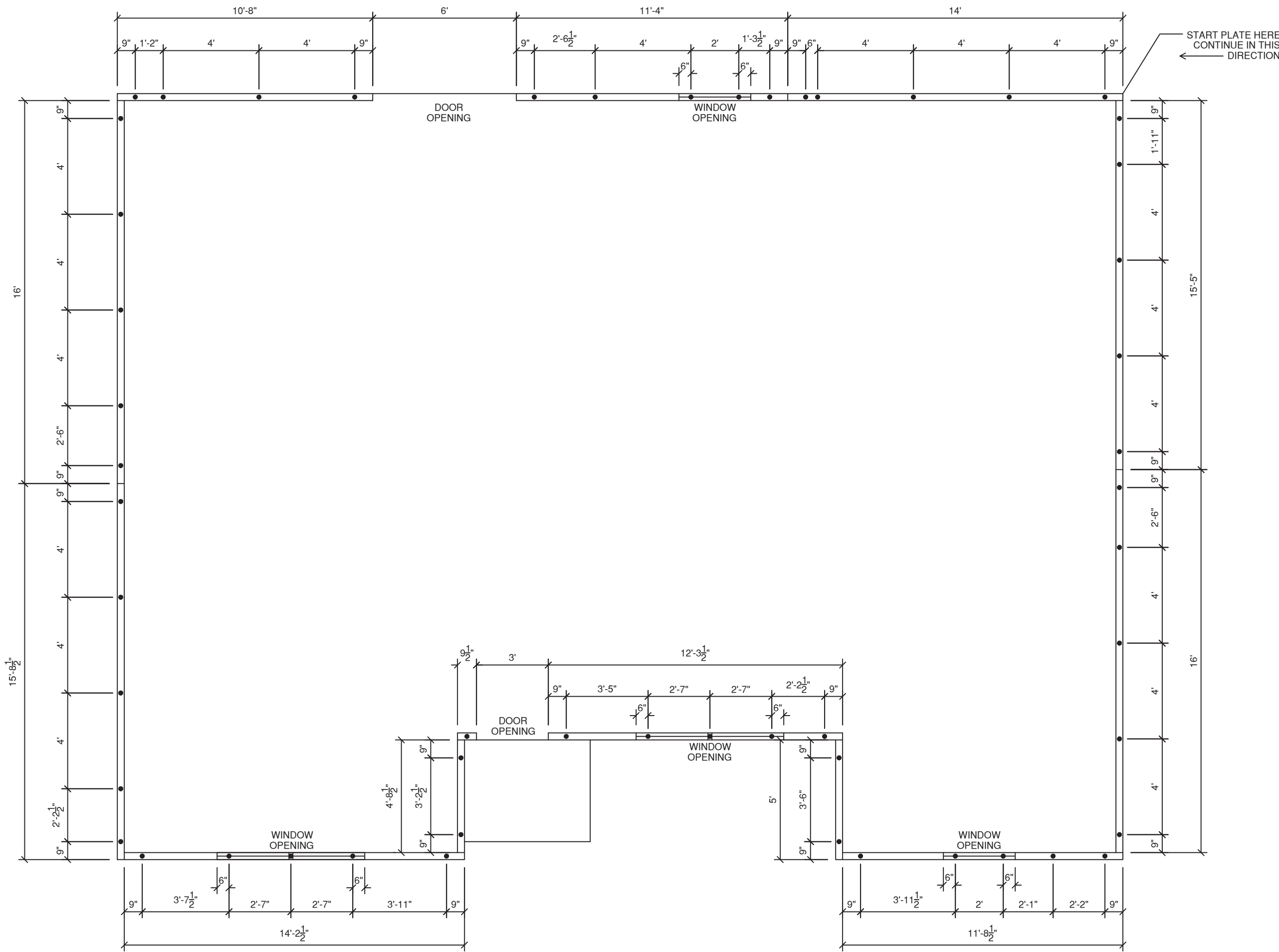
Craig E. Gunderson, P.E. #60102 Date: _____



Digitally signed
by Craig E Gunderson
Date: 2024.10.21 11:16:05-04'00'

GENERAL J-BOLT PLAN NOTES:

1. J-BOLTS ARE TO BE NO MORE THAN 9" FROM THE END OF THE BOTTOM PLATE.
2. ALL J-BOLTS MUST BE MUST BE INSTALLED NO MORE THAN 4'-0" APART FROM ONE ANOTHER.
3. J-BOLTS ARE TO BE INSTALLED 6"- IN, FROM THE OUTSIDE EDGE OF ALL WINDOWS.
4. ALL J-BOLTS USED MUST MEET ALL NATIONAL, STATE, AND LOCAL BUILDING CODES.



J-BOLT LOCATION PLAN
SCALE 1/4"= 1'-0"

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NOTE:
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STREET ADDRESS:

0 SW MERCIFUL PLACE

CITY/STATE:

FT. WHITE, FL.

ZIP:

32038

COUNTY:

COLUMBIA

PERMIT NUMBER:

HEATH DEPT. NUMBER:

DRAFTING DATES:

PRELIM. : 7/29/2024 JPH

PERM. :

FINAL :

J-Bolt Location Plan

NEWPORT "CLASSIC"



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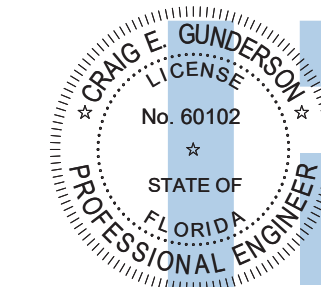
JOB # : 12-246

CRUZ-FERNANDEZ

I HEREBY CERTIFY AS THE BUILDING DESIGN ENGINEER OF RECORD, THAT THE BUILDING DESIGN AS SHOWN ON THESE PLANS, MEETS ALL REQUIREMENTS OF THE 2022 FLORIDA BUILDING CODE, 6TH EDITION, THIS CERTIFICATION DOES NOT INCLUDE ROOF TRUSS COMPONENTS OF WHICH THE TRUSS DESIGN ENGINEER IS THE ENGINEER OF RECORD. THESE PLANS HAVE BEEN PREPARED IN COMPLIANCE WITH THE 2022 FLORIDA BUILDING CODE, 6TH EDITION WITH SUPPLEMENTS.

Craig E. Gunderson, P.E. #00102

Date:



Digitally signed
by Craig E
Gunderson
Date:
2024.10.21
11:16:07-04'00'

CRAIG E. GUNDERSON, State of Florida, Professional Engineer, License No. 60102. This seal has been digitally signed and sealed by Craig E. Gunderson, P.E. on the date adjacent to the seal using a 256-bit authentication code. Printed copies of this document are not considered signed and sealed until the signature must be verified on electronic copies.

GENERAL PLUMBING PLAN NOTES:

1. DIMENSIONS ARE CENTERED ON PLUMBING FIXTURES AND TO THE CENTER OF THE WALLS.

GENERAL BUILD'G NOTES

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COLUMBIA

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FINAL :

Plumbing Plan

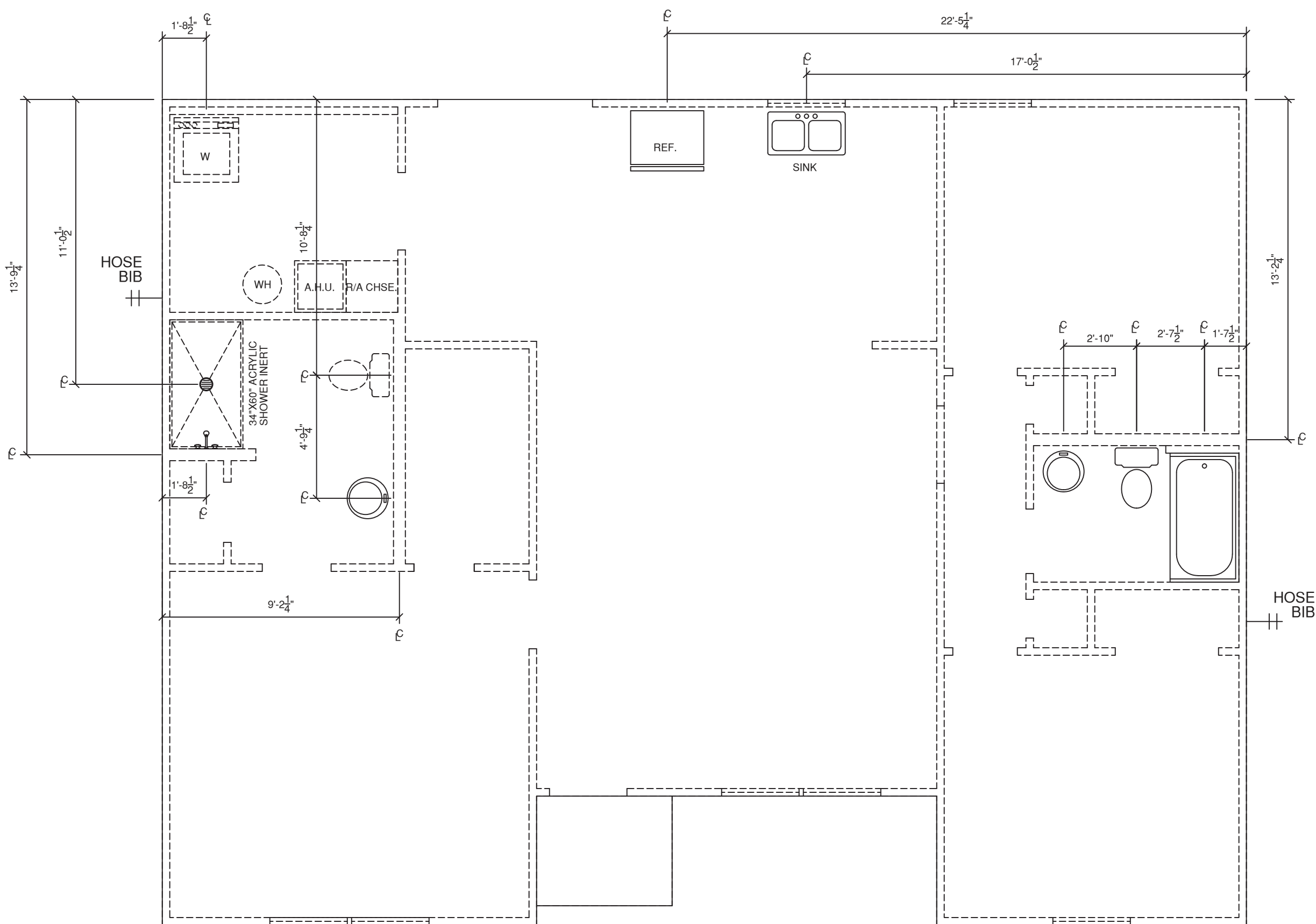
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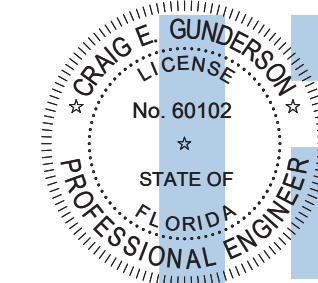
PLUMBING PLAN

SCALE 1/4" = 1'-0"

I HEREBY CERTIFY AS THE BUILDING DESIGN ENGINEER OF RECORD, THAT THE BUILDING DESIGNER HAS REVIEWED THESE PLANS AND STRUCTURAL COMPLIANCE ONLY AND AS SUCH, THE DESIGNER IS NOT PROVIDING ANY OTHER SERVICES OR GUARANTEEING THE ACCURACY OF THE PLANS. THESE PLANS HAVE BEEN PREPARED IN COMPLIANCE WITH THE 2023 FLORIDA BUILDING CODE, 6TH EDITION WITH AMENDMENTS.

Craig E. Gunderson, P.E. #000102 Date: _____

FLORIDA ENGINEERING, LLC
4101 TAMPA PALM, UNIT 101
PORT CHARLOTTE, FL 33682
PH: 813.981.9840
FAX: 813.981.9799



Digitally signed
by Craig E
Gunderson
Date:
2024.10.21
11:16:08-04'00'

GENERAL FLOOR PLAN NOTES:

- HOUSE IS WOOD FRAME CONSTRUCTION.
- 3' OPENINGS OR LESS: PROVIDE MINIMUM (2) 2X6 No.2 SOUTHERN PINE WOOD HEADER WITH 1/2" LAYER OF SOLID CONTINUOUS PLYWOOD OR OSB SPACERS GLUED AND NAILED WITH 10dX0.128" X 3" NAILS AT 12" O.C. IN 2 ROWS TOP AND BOTTOM AND CENTER ROW AT 12" O.C.
- 6' OPENINGS OR LESS: PROVIDE MINIMUM (2) 2X10 No.2 SOUTHERN PINE WOOD HEADER WITH 1/2" LAYER OF SOLID CONTINUOUS PLYWOOD OR OSB SPACERS GLUED AND NAILED WITH 10dX0.128" X 3" NAILS AT 12" O.C. IN 2 ROWS TOP AND BOTTOM AND CENTER ROW AT 12" O.C.

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PERM. :

FINAL :

Main Floor Plan

NEWPORT "CLASSIC"

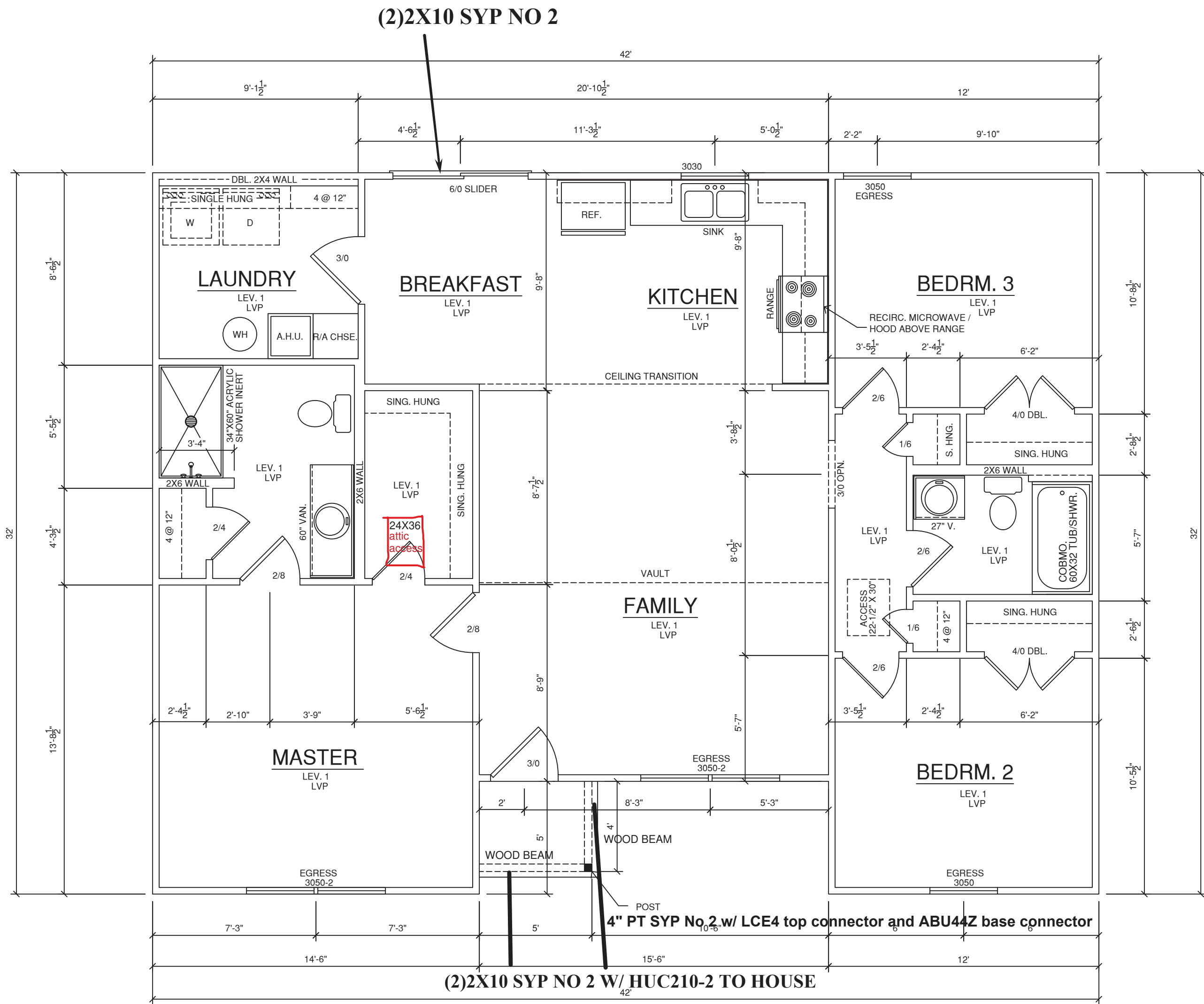


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NORTH CENTRAL FLORIDA

JOB # : 12-246

CRUZ-FERNANDEZ

HEADERS (2)2X8 SYP NO 2 U.N.O.



MAIN FLOOR PLAN

SCALE 1/4"= 1'-0"

DOOR ROUGH OPENING CHART

INTERIOR DOORS R/O

2'0"	26"x 82 1/2"
2'4"	30"x 82 1/2"
2'6"	32"x 82 1/2"
2'8"	34"x 82 1/2"
3'0"	38" x 82 1/2"

EXTERIOR DOORS R/O
INSWING OUTSWING

2'6"	32"x 82 1/2"	32" x 81 1/2"
2'8"	34" x 82 1/2"	34" x 81 1/2"
2'10"	36" x 82 1/2"	36" x 81 1/2"
3'0"	38" x 82 1/2"	38" x 81 1/2"

DOUBLE DOOR R/O

INTERIOR (Door width x 2) + 2" = R.O.W.

EXTERIOR (Door width x2) + 3" = R.O.W.

POCKET DOORS R/O

(Width 2 x Door size) = 2" = R.O.W.

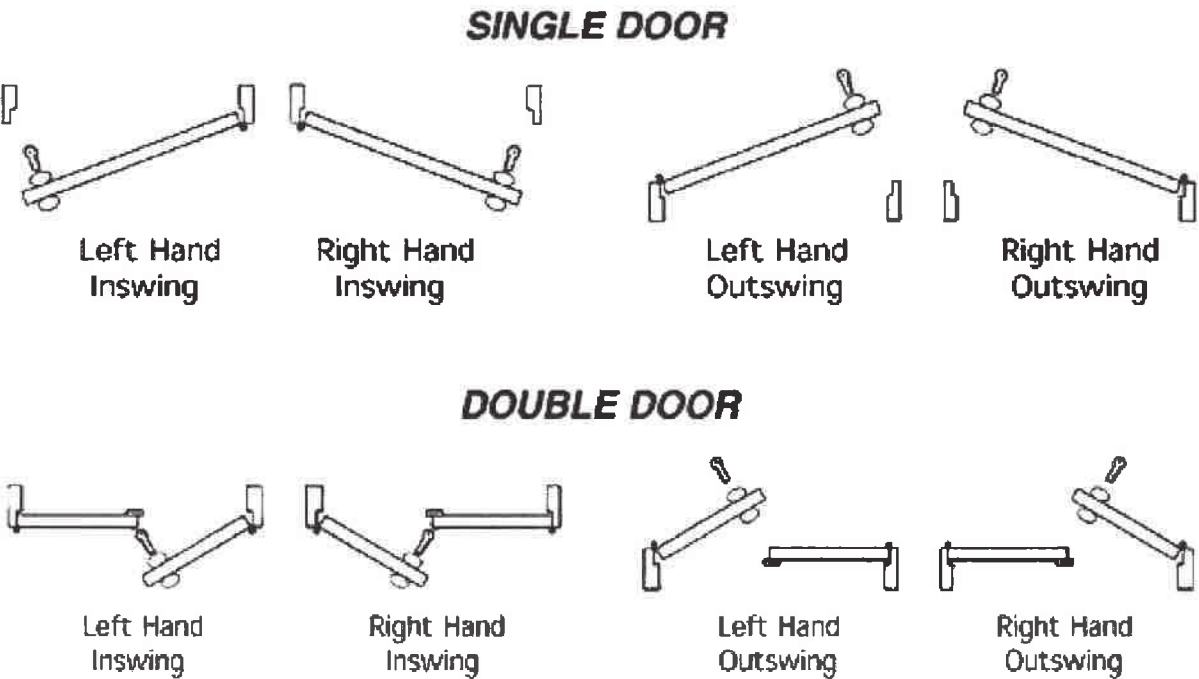
Height 84"

SLIDING GLASS DOOR R/O

5'	60" x 80"
6'	72" x 80"

ENTRY UNIT DOORS R/O

	S.D/D.S.	S.D.S	
12" sidelite	52"	65"	82 1/2"
14" sidelite	54"	69"	82 1/2"
16" sidelite	56"	73"	82 1/2"



HEREBY CERTIFY AS THE BUILDING DESIGN ENGINEER OF RECORD, THAT THE BUILDING DESIGN AS SHOWN ON THESE PLANS (STRUCTURAL COMPLIANCE ONLY) AND AS ACCOMPANIED BY DESIGN AND SUPPORT DOCUMENTS, CONFORMS TO THE 2023 FLORIDA BUILDING CODE, 8TH EDITION. THIS CERTIFICATION DOES NOT INCLUDE ROOF TRUSS COMPONENTS OF WHICH THE TRUSS DESIGN ENGINEER IS THE ENGINEER OF RECORD.

THESE PLANS HAVE BEEN PREPARED IN COMPLIANCE WITH THE 2023 FLORIDA BUILDING CODE, 8TH EDITION WITH SUPPLEMENTS.

Craig E. Gunderson, P.E. #060102 Date: _____

FLORIDA ENGINEERING, LLC
4161 TAMMAM TRAIL, UNIT 101
PORT CHARLOTTE, FL 33605
PH: (813) 991-9980
FAX: (813) 979-9199

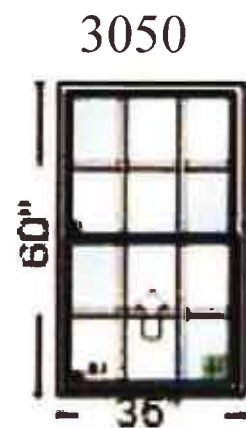
Digitally signed
by Craig E Gunderson
Date: 2024.10.21 11:16:10-04'00'

RED DOOR HOMES
7420 W NEWBERRY RD, SUITE B
GAINESVILLE, FL 32605
(352) 559-3050
#CBC1262184



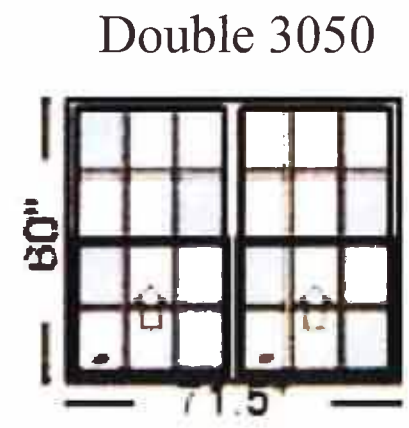
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DETAIL PAGE
SCALE (TYPICAL) 1/4" = 1'-0"
J.S.



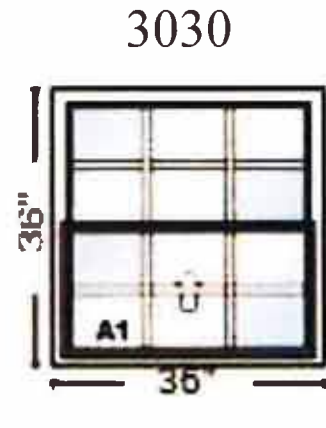
3050

SIZE AND FEATURES
V1, 2900, Single-Hung
Dimension Type = Vinyl Size
Overall Rough Opening = 36 1/2" x 60 1/2", Overall Unit = 36" x 60"
Call Size = 3-0 x, 5-0, Frame Width = 36, Frame Height = 60, Product



Double 3050

SIZE AND FEATURES
V1, 2900, Twin Single-Hung
Dimension Type = Vinyl Size
Overall Rough Opening = 72" x 60 1/2", Overall Unit = 71 1/2" x 60"
Frame Width = 36, Frame Height = 60, Product Style = Equal Sash
Call Size = 3-0 x 5-0



3030

SIZE AND FEATURES
V1, 2900, Single-Hung
Dimension Type = Vinyl Size
Overall Rough Opening = 36 1/2" x 36 1/2", Overall Unit = 36" x 36"
Call Size = 3-0 x, 3-0, Frame Width = 36, Frame Height = 36, Product

HEREBY CERTIFY AS THE BUILDING DESIGN ENGINEER OF RECORD, THAT THE BUILDING DESIGN AS SHOWN ON THESE PLANS (STRUCTURAL COMPLIANCE ONLY) AND AS ACCOMPANIED BY DESIGN AND SUPPORT DOCUMENTS, CONFORMS TO THE 2023 FLORIDA BUILDING CODE, 8TH EDITION. THIS CERTIFICATION DOES NOT INCLUDE ROOF TRUSS COMPONENTS OF WHICH THE TRUSS DESIGN ENGINEER IS THE ENGINEER OF RECORD.

THESE PLANS HAVE BEEN PREPARED IN COMPLIANCE WITH THE 2023 FLORIDA BUILDING CODE, 8TH EDITION WITH SUPPLEMENTS.

Craig E. Gunderson, P.E. #660102

Date:

FLORIDA ENGINEERING, LLC
4161 TAMARAC TRAIL, UNIT 101
PORT CHARLOTTE, FL 33952
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FAX: (841) 879-8195

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Craig E Gunderson
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4040

SIZE AND FEATURES
V1, 2900, Picture Window
Dimension Type = Vinyl Size
Overall Rough Opening = 48 1/2" x 48 1/2", Overall Unit = 48" x 48"
Call Size = 4-0 x, 4-0, Frame Width = 48, Frame Height = 48



Sliding Glass Door

SIZE AND FEATURES
V3, 5800, 2 Panel
Dimension Type = Call Size
Overall Rough Opening = 60 1/8" x 80 1/2", Overall Unit = 59 5/8" x 80"
Call Size = 5-0 x, 6-8, Frame Width = 59.625, Frame Height = 80

RED DOOR HOMES
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RED DOOR HOMES

DETAIL PAGE

SCALE (TYPICAL)
1/4" = 1'-0"

DRAWN BY
J.S.

PAGE
WD 1

WINDOW

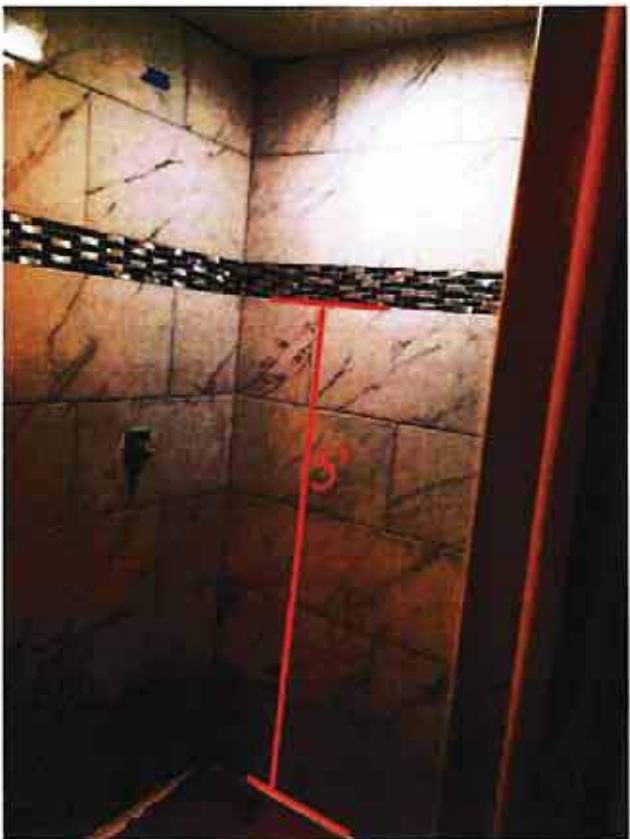
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Tub/Shower Horizontal
Tile Detail



Fireplace Tile Detail



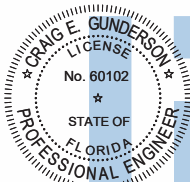
Mosaic Band Tile Detail



Tub/Shower Vertical
Tile Detail



Shower Tile Detail
With Shelves Heights



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Gunderson
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2024.10.21
11:16:15-04'00'

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DETAIL PAGE

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

DESIGNED BY
J S

PAGE

TILE
DETAIL

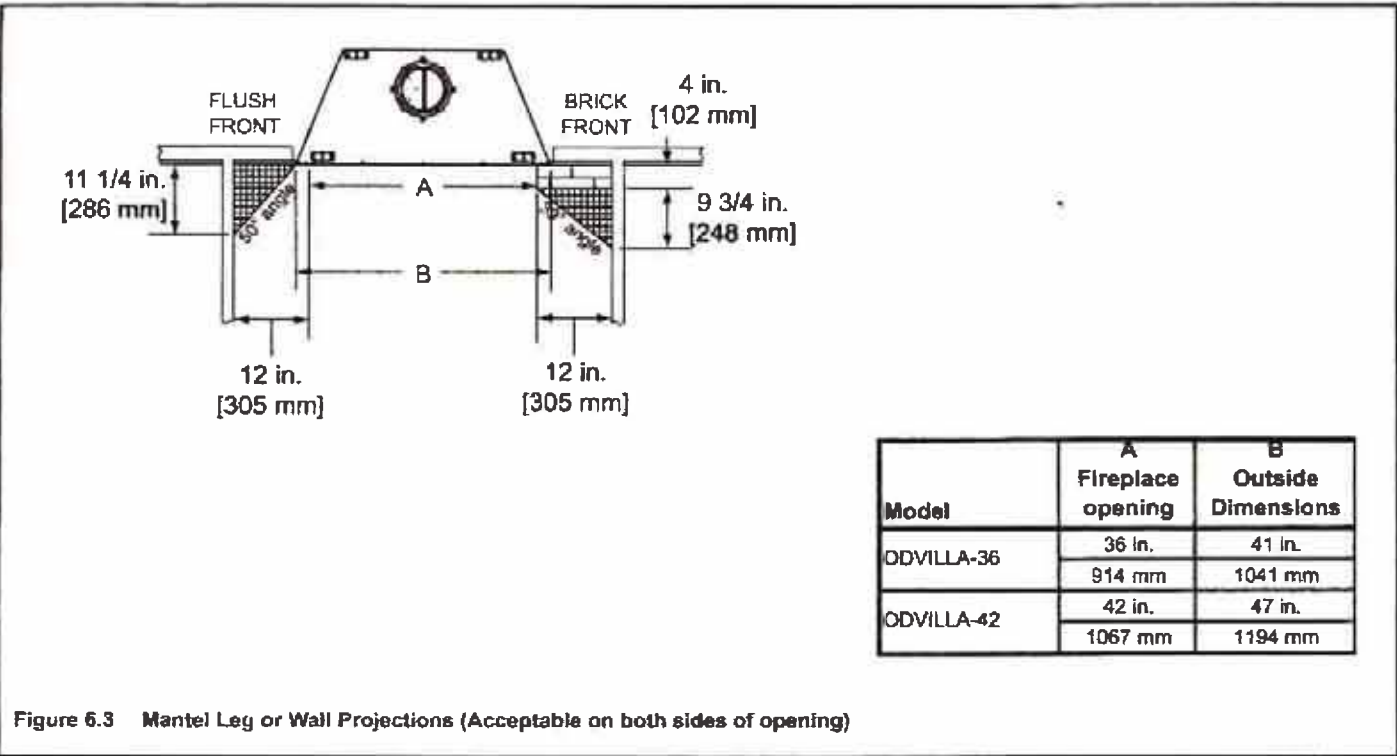
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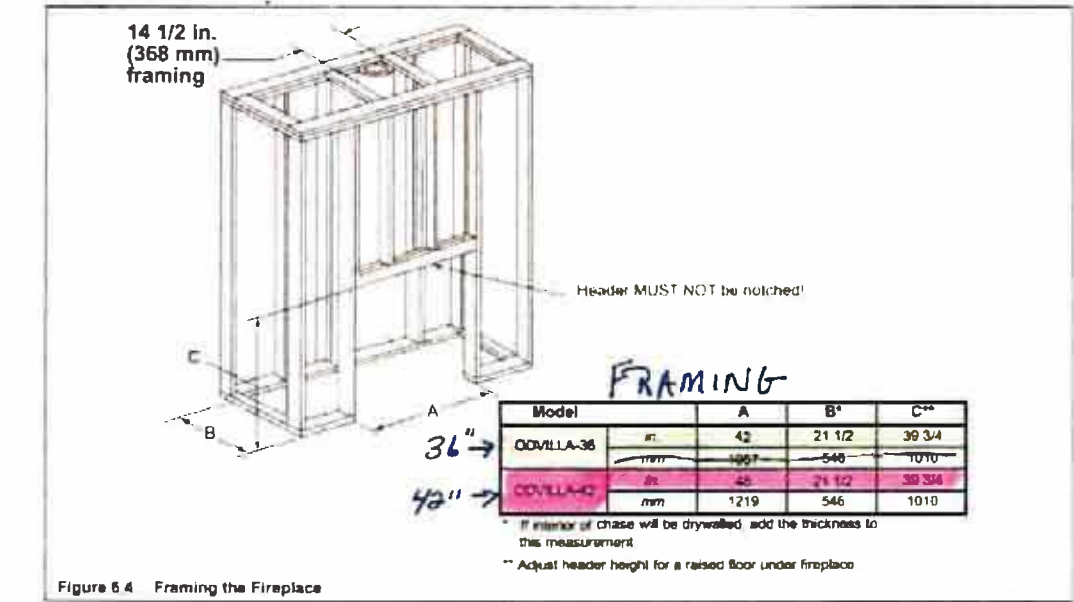
Sidewalls/Sounds Out Door Stainless Steel

- Adjacent combustible sidewalls must be located a minimum of 12 in. (305 mm) from the fireplace opening.
- Combustible and non-combustible mantel legs, surrounds and stub walls may be constructed within the gridded area, Figure 6.3.

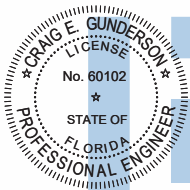


Frame the Fireplace

- Figure 6.4 shows typical framing using combustible materials (2x4 lumber shown).
- Observe all required air space clearances to combustible materials as shown in Figures 6.1 & 6.2
 - Framing across the top of the fireplace must be above top.



Fire Place Tile Detail

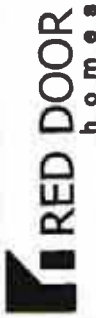


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DETAIL PAGE
1/4" = 1'-0"

PAGE
FP1
Fire
Place

Frame the Fireplace

Notice: Hearth extension design must be determined before installation of fireplace.

If the fireplace is on the floor the maximum height of a finished raised hearth is 7 1/2".
If you want a higher-raised hearth the fireplace must be placed on a platform

WARNING! Risk of fire. A raised hearth extension built flush with the fireplace opening or less than 4 in (102mm) below the fireplace opening requires the fireplace be installed on non-combustible surface.

WARNING! Risk of Fire! Comply with all minimum clearances specified

- A minimum 1/2 in. (13mm) air clearance must be maintained at the back and sides of the fireplace assembly.
- **Chimney sectiond at any lever rewuire a 2in. (51mm minimum air space clearance between the framing and chimney section.**

WARNING! Risk of Fire! You must comply with all minimum air space clearance to combustibles. DO NOT pack required air with insulation or other materials.

The finished cavity depth must be no less than 21 3/8in. (543mm) from the finished backwall to the outside of front wall framing.

CAUTION! risk of Cuts/Abrasions. Wear protective gloves and safety glasses during installation. Sheet metal edges are sharp.

Secure and Level the Fireplace

This fireplace may be placed on either a combustible or noncombustible continuous flat surface. Follow the instructions for framing in Section 3. Slide the fireplace into position. Be sure to provide the minimum 1/2 in. air clearance at the sides and back of the fireplace./

The fireplace should be positioned so the face of the noncombustible material on the fireplace will be flush with the face of the drywall on the walls.

Level the fireplace and shim as necessary.

WARNING! Risk of Fire! Prevent Contact with sagging, loose insulation.

- DO NOT install against vapor barriers or exposed insulation.
- Secure insulation and vapor barriers.
- Provide minimum air space clearances at the sides and back of the fireplace assembly.

Figure 3.5 shows a typical framing (using 2x4 lumber) of the fireplace, assuming combustible materials are used. All required clearances to combustibles around the fireplace must be adhered to.

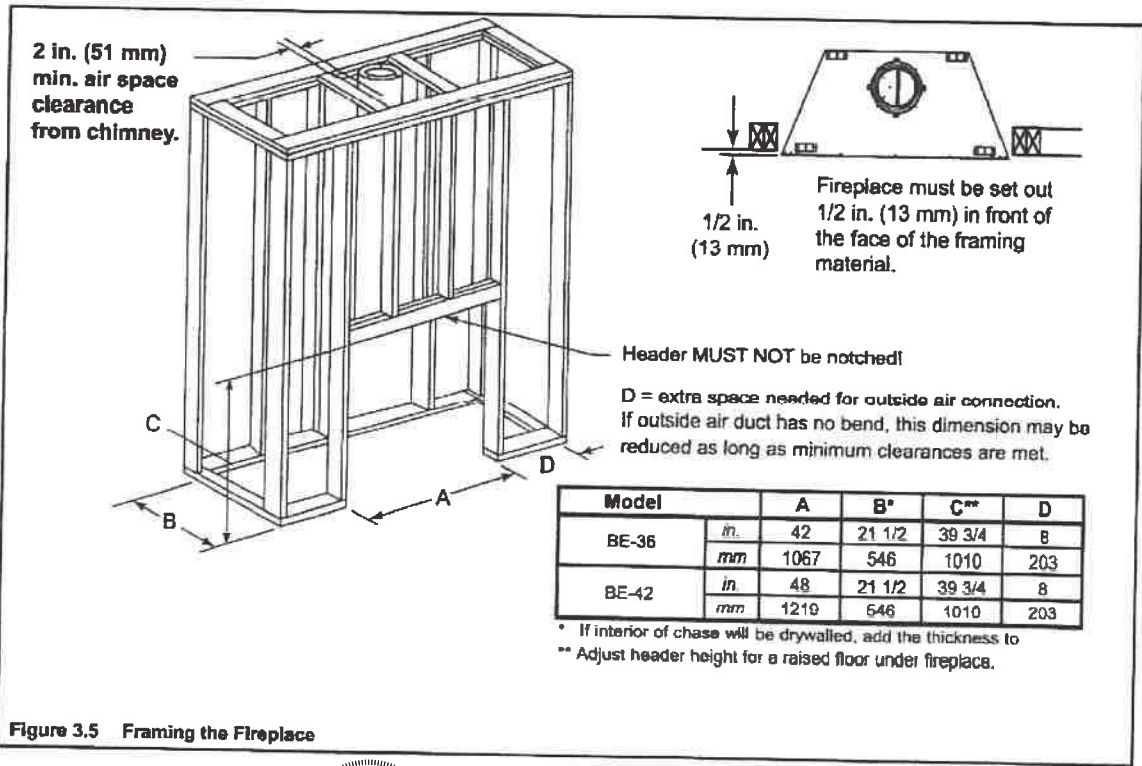
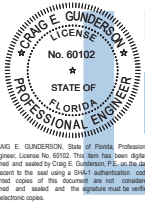


Figure 3.5 Framing the Fireplace



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DETAIL PAGE

PAGE

FP2
Fire
Place

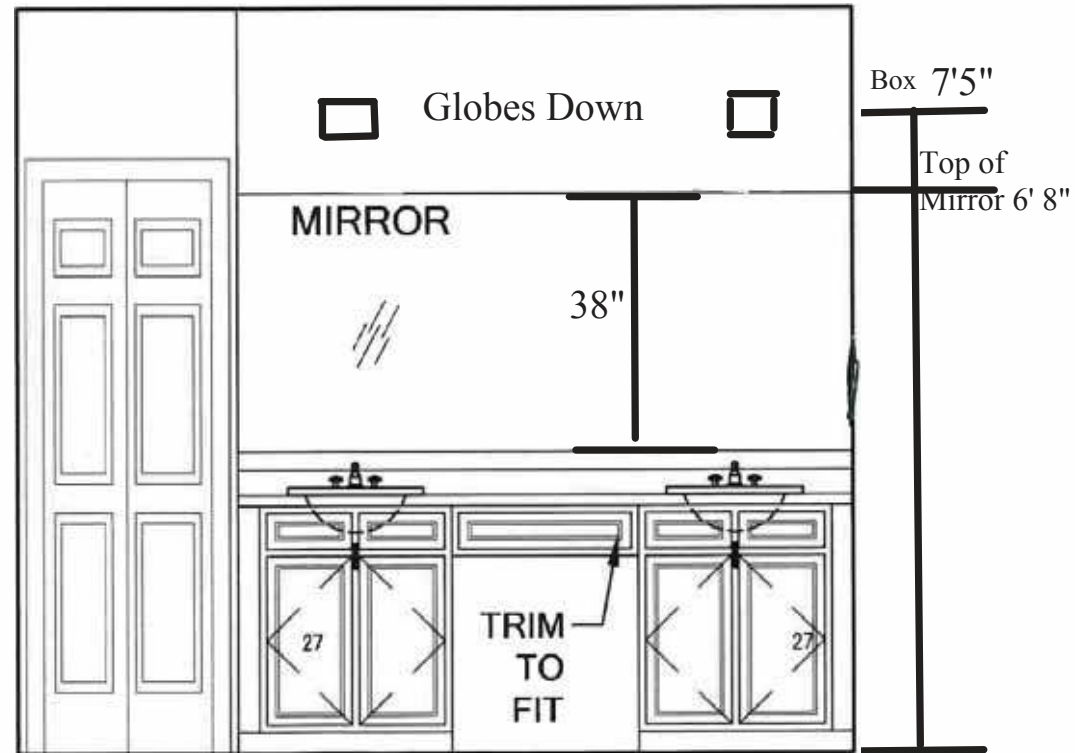
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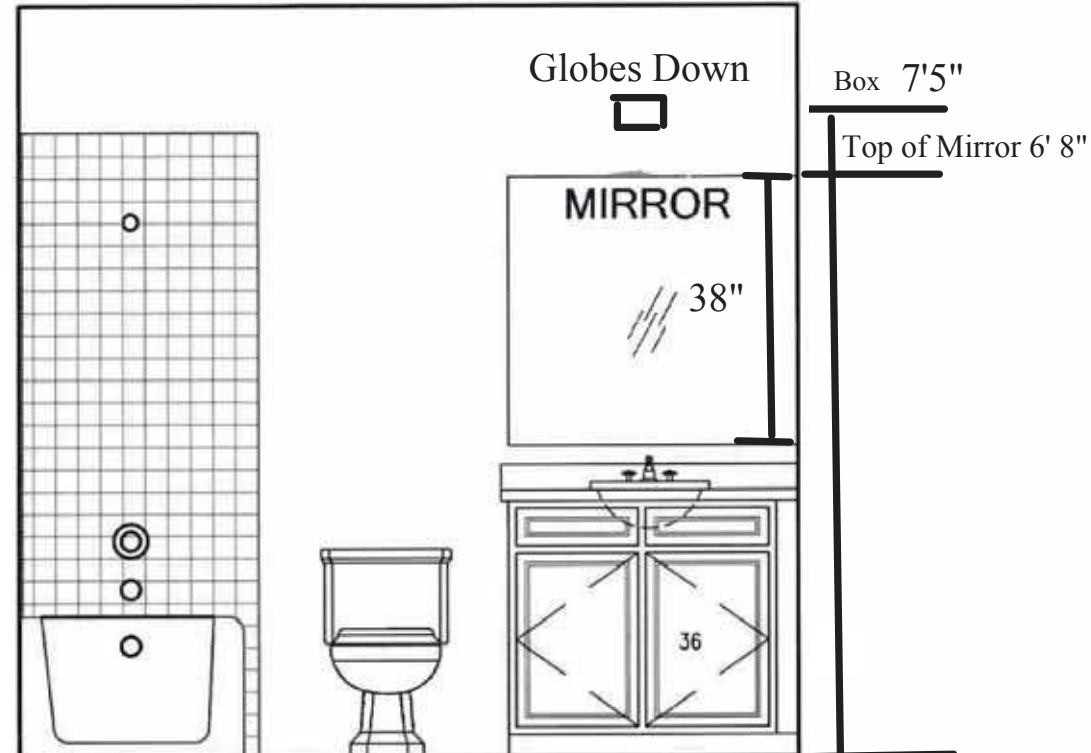
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1/4" = 1'-0"

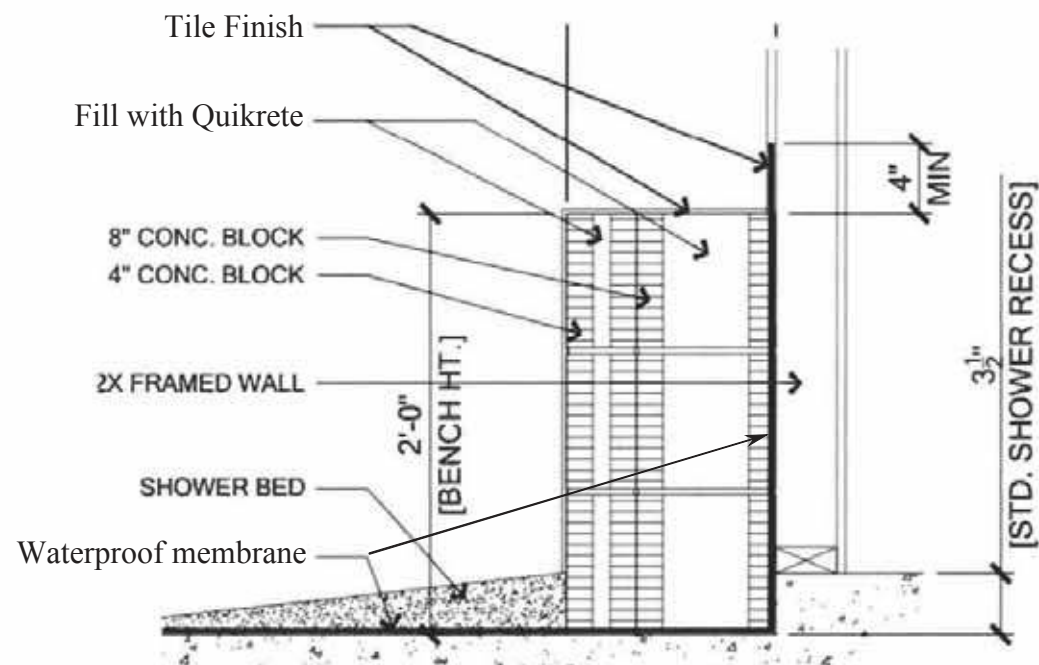
J.S.



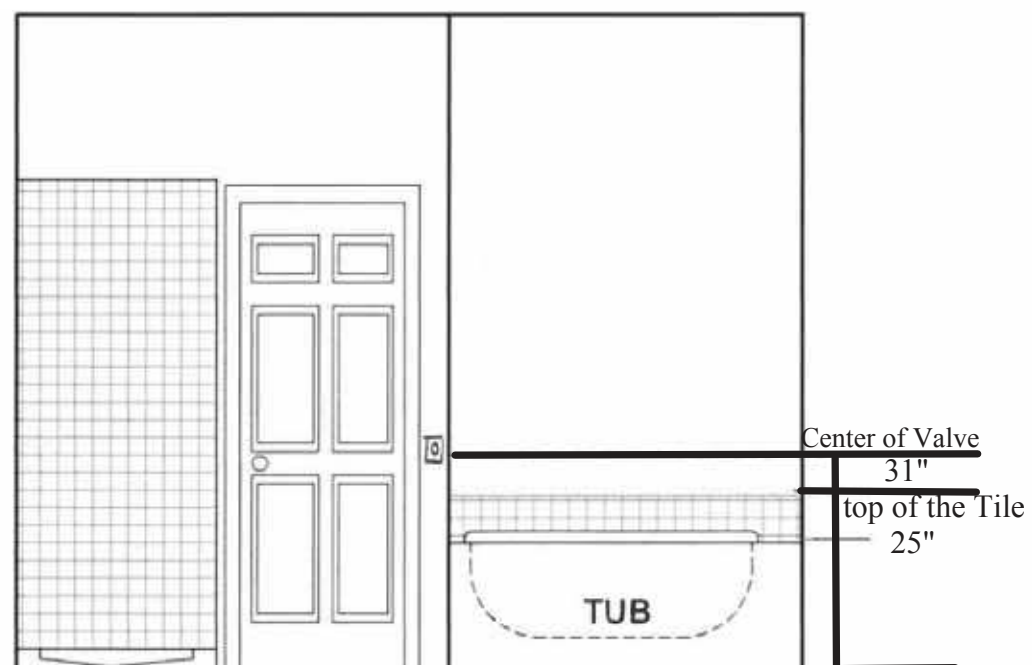
Double Vanity Light Box detail



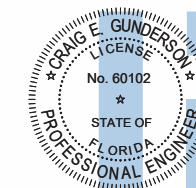
Single Vanity Light Box detail



Shower Bench Detail



Master Bath Luxury Tub
Tile and Valve Detail



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Craig E
Gunderson
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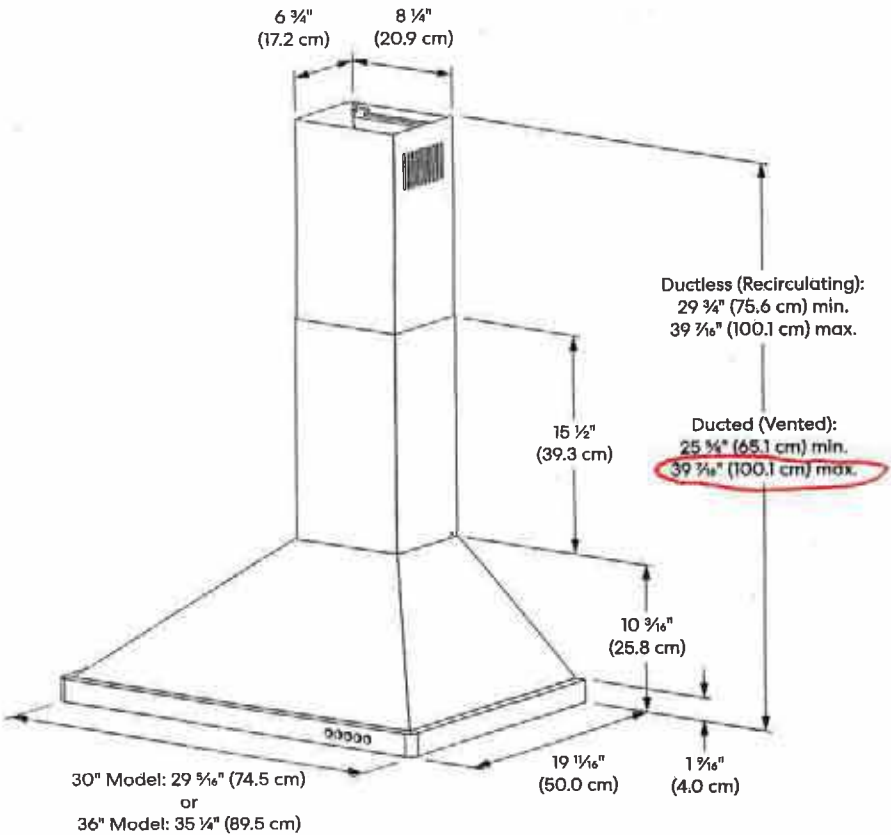


Product Dimensions

631 SERIES

30" Model: COS-63175 / 63175S

36" Model: COS-63190 / 63190S



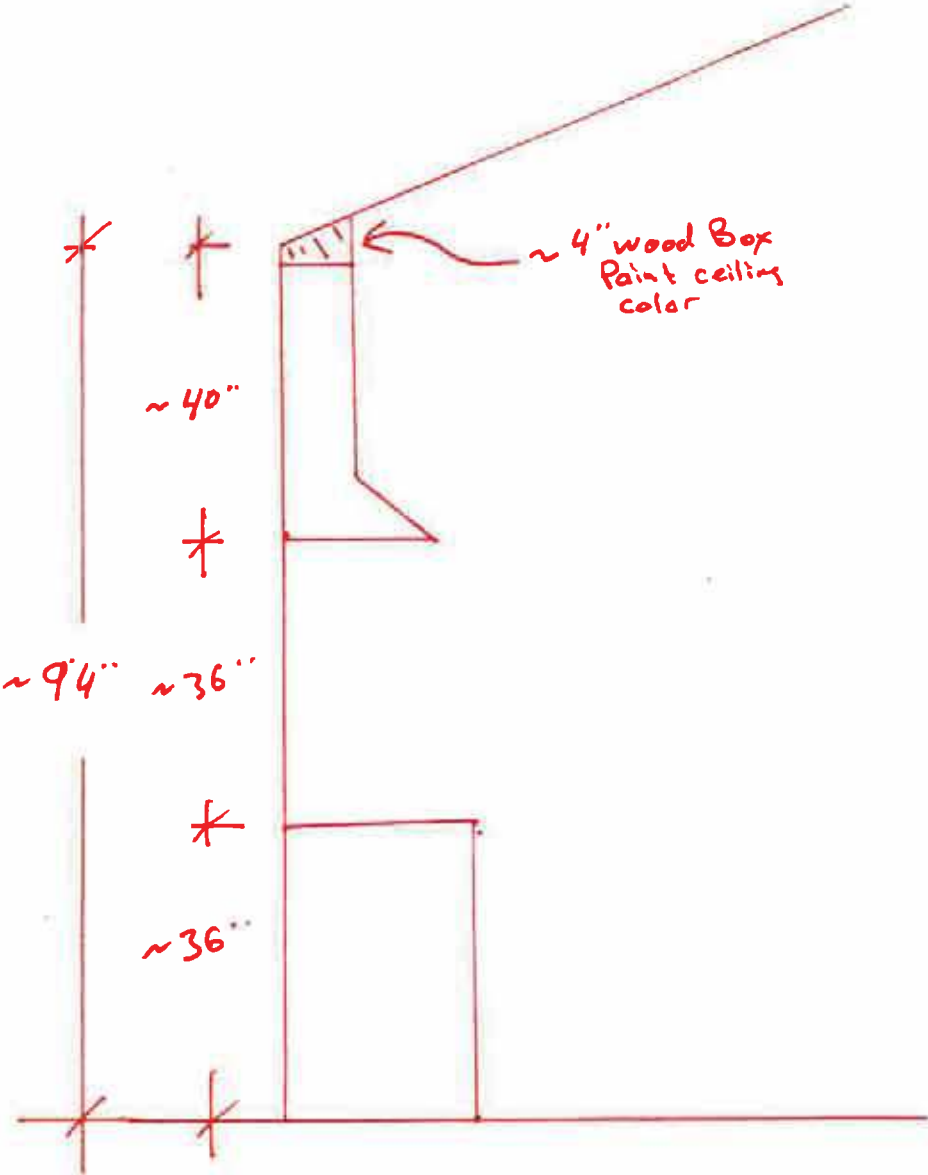
Cabinet Clearances

Given dimensions are minimum clearances.

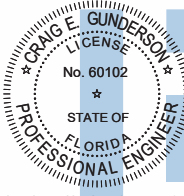
Wall Mount Range Hood



Model	A
24" Model: COS-6324EWH	23 7/16" (59.5 cm)
30" Model: COS-668A750, COS-668AS750 COS-668WRC75, COS-668WRCS75 COS-63024P, COS-63175, COS-63175S	29 5/16" (74.5 cm)
36" Model: COS-668A900, COS-668AS900 COS-668WRC90, COS-668WRCS90 COS-63190, COS-63190S	35 7/16" (90.0 cm)



IMPORTANT:



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Gunderson
Date:

2024.10.21
11:16:25-04'00'

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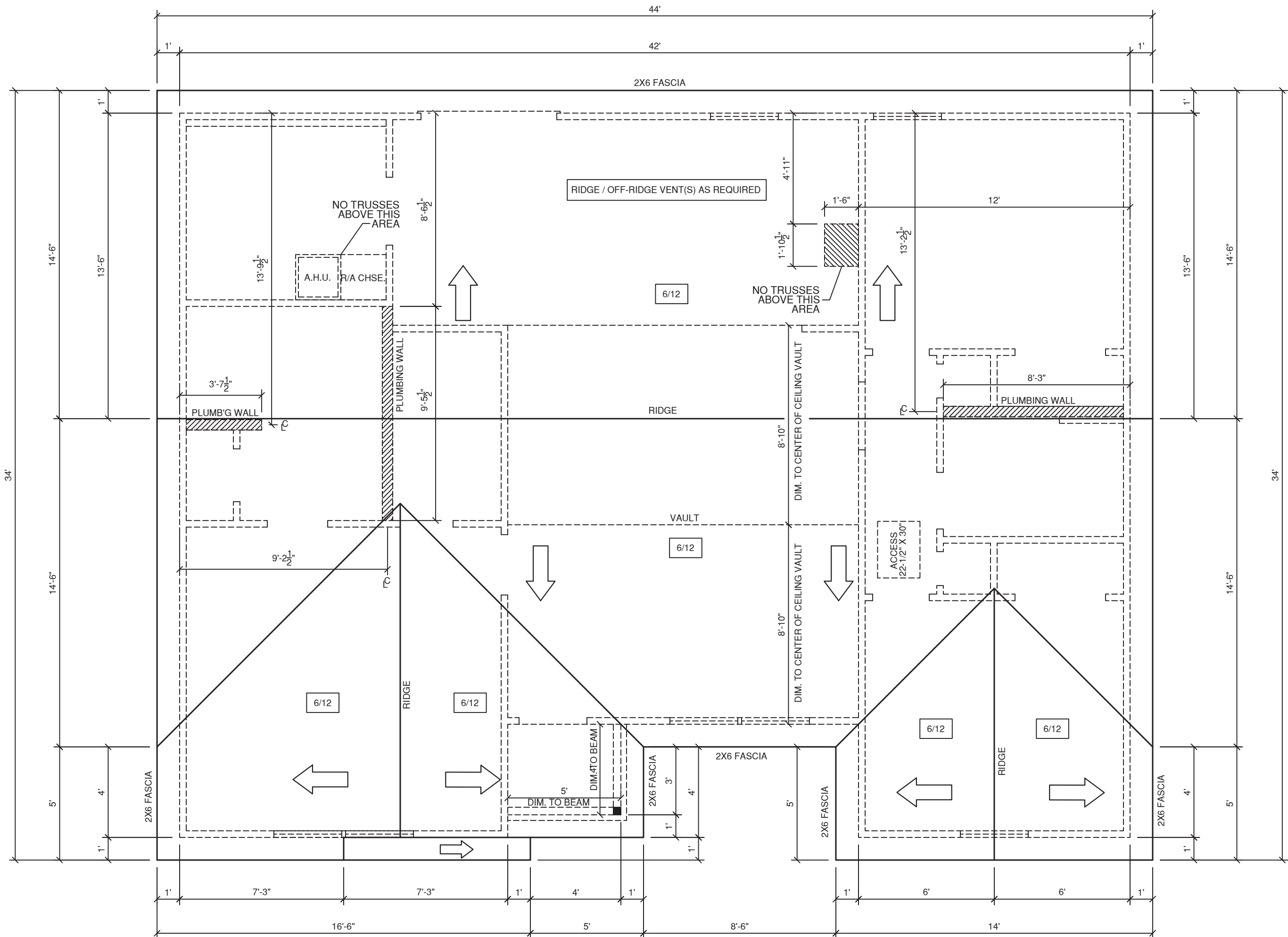


GENERAL ROOF PLAN NOTES:

1. TRUSSES ARE NOT TO COVER PLUMBING WALLS
2. RIDGE / OFF-RIDGE VENT(S) AS REQUIRED

CRAIG E. GUNDERSON
LICENSED PROFESSIONAL ENGINEER
No. 60102
STATE OF FLORIDA

Digitally signed
by Craig E Gunderson
Date: 2024.10.21 11:16:28-04'00'



ROOF PLAN
SCALE 1/4"= 1'-0"

Attic Vent Calculation

Attic Area: $1267 \div 300 = 4.2233$

Vent Area Required: $4.2233 \div 2 = 2.1117$

Locate in upper 1/2: $2.1117 \div 0.72 = 2.9329$

4 ft off Ridge vents: 3

GENERAL BUILD'G NOTES

1. MAIN FLOOR PLATE HEIGHT TO BE 8'-0" UNLESS NOTED OTHERWISE
2. OPTIONAL BONUS PLATE HEIGHT TO BE UNLESS NOTED OTHERWISE
3. INTERIOR AND EXTERIOR WALLS TO BE DRAWN AT 3 1/2" U.N.O.
4. ALL ANGLES TO BE DRAWN AT 90° OR 45° UNLESS NOTED OTHERWISE
5. WINDOW HEADER HEIGHT TO BE SET AT 6'-11" FROM TOP OF HOUSE SLAB TO BOTTOM OF WINDOW HEADER U.N.O.
6. HEADER SIZES AND MATERIALS TO BE DETERMINED AND VERIFIED BY LICENSED ENGINEER AND BUILDER.
7. SIZES, LOCATIONS, AND MATERIALS OF BEAMS, TRUSSES, GIRDERS, AND HEADERS ARE TO BE DETERMINED AND VERIFIED BY BUILDER, FRAMER, TRUSS SHOP, AND LICENSED ENGINEER
7. FOOTER SIZE, MATERIAL AND LOCATIONS TO BE VERIFIED AND DETERMINED BY BUILDER, FOOTER CONTRACTOR, AND LICENSED ENGINEER
8. ROOF VENTILATION TO BE DETERMINED AND VERIFIED BY BUILDER, ROOFING CONTRACTOR, AND LICENSED ENGINEER
9. ALL MECHANICAL SYSTEMS DESIGNS, LOCATIONS AND SIZING TO BE DETERMINED AND VERIFIED BY BUILDER, APPROPRIATE TRADE CONTRACTOR , AND LICENSED ENGINEER
10. BUILDER IS RESPONSIBLE FOR VERIFYING AND COMPLYING WITH ALL LOCAL, STATE, AND NATIONAL BUILDING CODES.
11. LOCAL, STATE, & NATIONAL BUILD'G CODES TAKE PRECEDENCE OVER DRAWINGS
12. BUILDER TO VERIFY ALL DIMENSIONS

SQUARE FOOTAGE CHART

MAIN FLOOR HEATED & COOLED AREA:	1267
COVERED FRONT PORCH AREA:	22
GARAGE AREA TO FRAME:	N/A
COVERED REAR LANAI AREA:	N/A
2ND FLOOR HEATED & COOLED AREA:	N/A
TOTAL HEATED AND COOLED AREA:	1267
TOTAL UNDER BEAM AREA:	1289

NOTE:
ALL AREA CALCULATIONS ARE CALCULATED TO EXTERIOR OF FRAMED WALLS.

STREET ADDRESS:

0 SW MERCIFUL PLACE

CITY/STATE:

FT. WHITE, FL.

ZIP:

32038

COUNTY:

COLUMBIA

PERMIT NUMBER:

HEATH DEPT. NUMBER:

DRAFTING DATES:

PRELIM. : 7/29/2024 JPH

PERM. :

FINAL :

Roof Plan

NEWPORT
"CLASSIC"



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NORTH CENTRAL FLORIDA

JOB # : 12-246

CRUZ-FERNANDEZ

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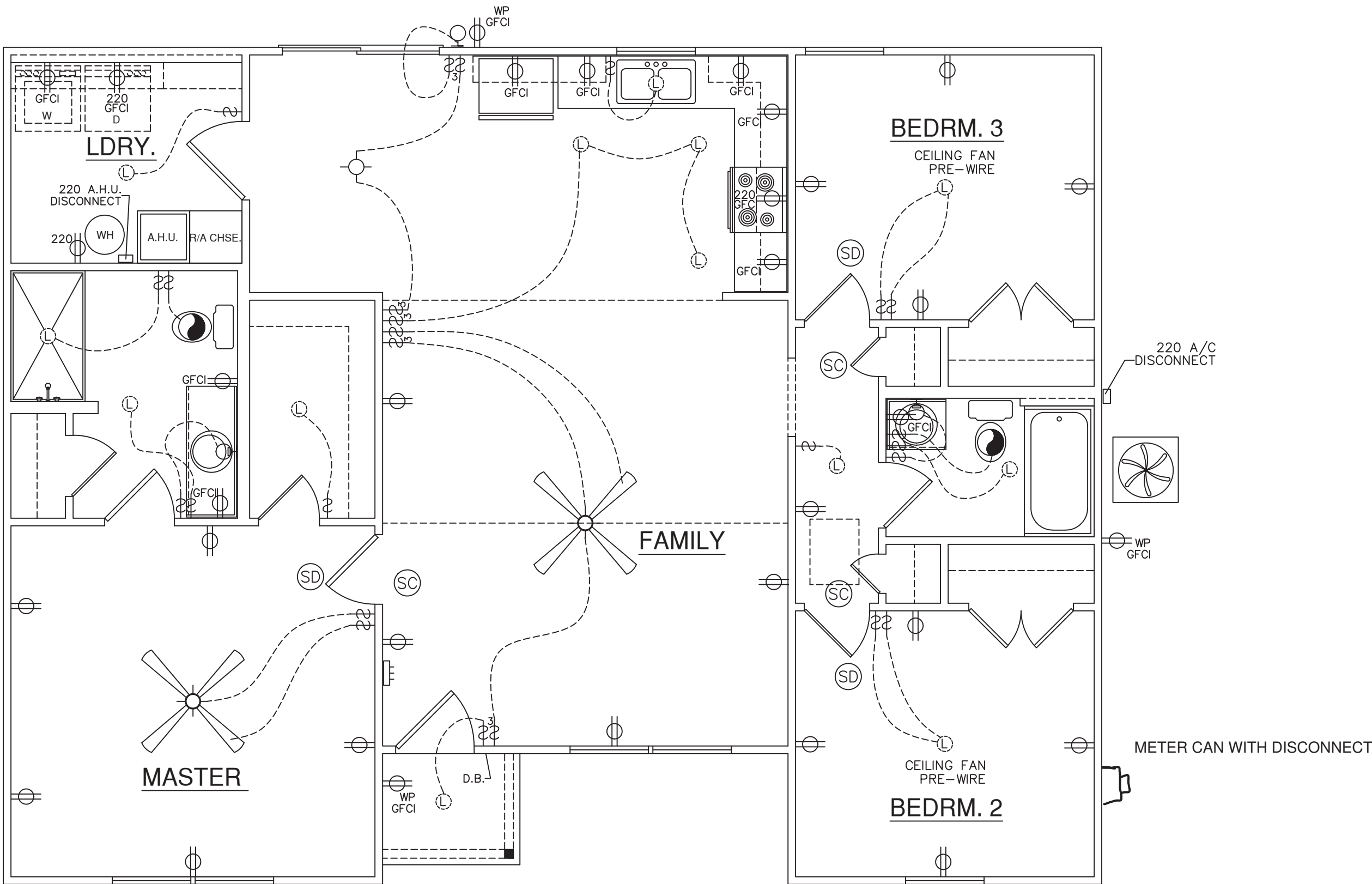
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Craig E. Gunderson, P.E. #000022

DATE: _____

FLORIDA ENGINEERING, LLC
4101 TARBAY TRAIL, UNIT 101
FORT CHARLOTTE, FL 34680
PH: (813) 291-0386
FAX: (813) 291-0388

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by Craig E
Gunderson
Date:
2024.10.21
11:16:30-04'00'



ELECTRIC PLAN
SCALE 1/4"= 1'-0"

ELECTRICAL LEGEND

⌀	DUPLEX OUTLET
⌀ ^{GFCI}	GROUND FAULT INTERRUPTER OUTLET
⌀ ^{WHP}	WATER PROOF OUTLET
⌀ ²²⁰	220 VOLT OUTLET
⌀ ³	SINGLE POLE SWITCH
⌀ ⁴	THREE-WAY SWITCH
⌀ ⁴	FOUR-WAY SWITCH
⊙	LIGHT, SURFACE MOUNTED
⊙	LIGHT, L.E.D. SURFACE MOUNT
⊙	LIGHT, PENDANT
⊙	LIGHT, COACH / VANITY
⊙	LIGHT, UNDER WALL CABINET
⊙	LIGHT, OUTDOOR FLOOD
⊙	EXHAUST FAN
⊙	SMOKE DETECTOR
⊙	SMOKE / CARBON DETECTOR
⊙	THERMOSTAT
⊙	CEILING FAN WITH LIGHT
⊙	CEILING FAN PRE-WIRE AT LIGHT
⊙	RECEPTACLE, PHONE
⊙	RECEPTACLE, CAT CABLE
⊙	RECEPTACLE, T.V. CABLE
⊙	ELECTRICAL PANEL
⊙	METER BASE
⊙	CHIME BELL, DOOR
⊙	EAVE LIGHT

ELECTRICAL NOTES

- ALL ELECTRICAL TO MEET N.E.C.
- PROVIDE 200 AMP SINGLE PHASE SERVICE
- PROVIDE ALL COPPER WIRING
- CONTRACTOR TO CONNECT ALL FIXTURES AND APPLIANCES
- CONTRACTOR TO HAVE VALID LICENSE TO DO ELECTRICAL WORK
- PROVIDE #5 REBAR ELECTRICAL GROUND TO FOUNDATION STEEL
- PROVIDE AND INSTALL LOCALLY CERTIFIED SMOKE DETECTORS AS REQUIRED BY NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) AND MEETING THE REQUIREMENTS OF ALL GOVERNING CODES
- PROVIDE AND INSTALL GROUND FAULT CIRCUIT- INTERRUPTERS (GFCI) AS REQUIRED BY NATIONAL ELECTRICAL CODE (NEC) AND MEETING THE REQUIREMENTS OF ALL GOVERNING CODES
- UNLESS OTHERWISE INDICATED, INSTALL SWITCHES & RECEPTACLES AT THE FOLLOWING HEIGHTS ABOVE THE FINISHED FLOOR:
SWITCHES 42"
OUTLETS 14"
TELEPHONE 14"
TELEVISION 14"

GENERAL BUILD'G NOTES

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0 SW MERCIFUL PLACE

CITY/STATE:

FT. WHITE, FL.

ZIP:

32038

COUNTY:

COLUMBIA

PERMIT NUMBER:

HEATH DEPT. NUMBER:

DRAFTING DATES:

PRELIM. : 7/29/2024 JPH

PERM. :

FINAL :

Electric Plan

NEWPORT
"CLASSIC"



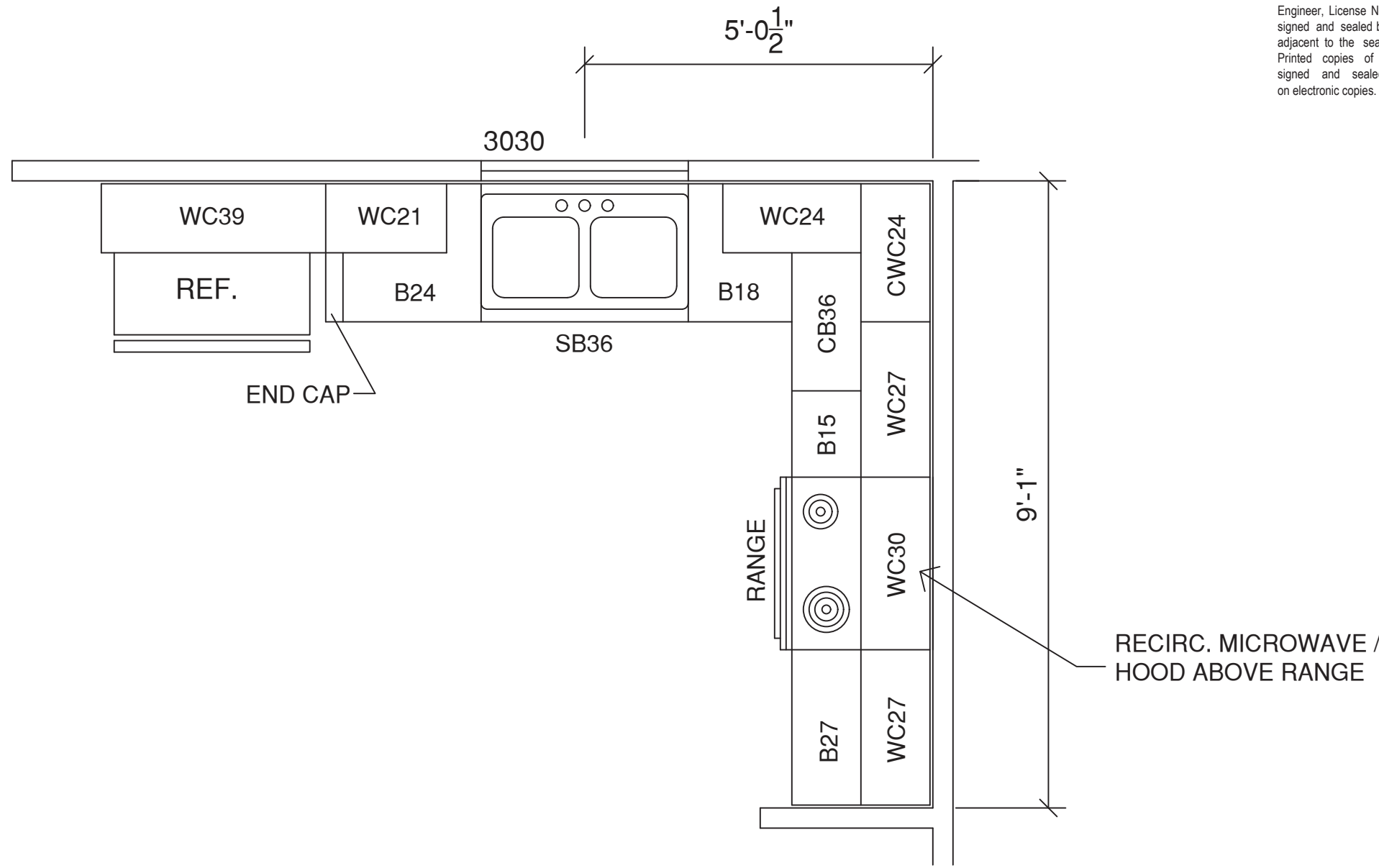
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LICENSED TO RED DOOR HOMES OF:
NORTH CENTRAL FLORIDA

JOB # : 12-246

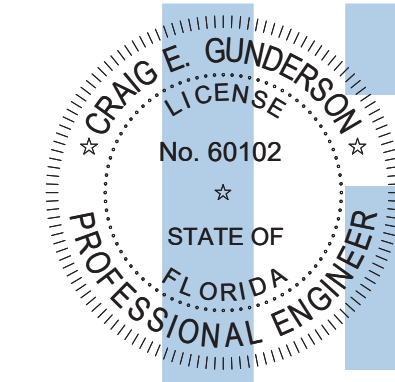
CRUZ-FERNANDEZ

CABINET LEGEND

WC: WALL CABINET
CWC: CORNER WALL CABINET
B: BASE CABINET
CB: CORNER BASE CABINET
SB: SINK BASE CABINET
FSB: FARMSINK BASE CABINET
DW: DISH WASHER SPACE
LS: LAZY SUSAN CABINET



OPTIONAL KITCHEN PLAN
SCALE 1/2"= 1'-0"



Digitally signed
by Craig E Gunderson
Date:
2024.10.21
11:16:33-04'00'

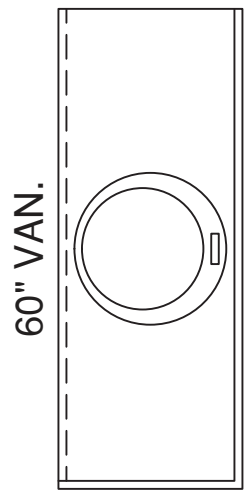
I HEREBY CERTIFY AS THE BUILDING DESIGN ENGINEER OF RECORD, THAT THE BUILDING DESIGN AS SHOWN ON THESE PLANS AND STRUCTURAL COMPLIANCE ONLY PLAN ARE ACCOMPANIED BY DESIGN AND SUPPORT DOCUMENTS CONFORMING TO THE 2023 FLORIDA BUILDING CODE, 8TH EDITION. THIS CERTIFICATION DOES NOT INCLUDE ROOF TRUSSES, COMPONENTS OF WHICH THE TRUSS DESIGN ENGINEER IS THE ENGINEER OF RECORD.

THESE PLANS HAVE BEEN PREPARED IN COMPLIANCE WITH THE 2023 FLORIDA BUILDING CODE, 8TH EDITION WITH SUPPLEMENTS.

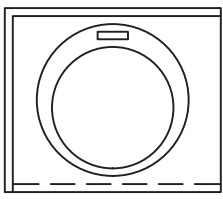
Craig E. Gunderson, P.E. #60102

Date:

FLORIDA ENGINEERING, LLC
4101 TAMARISK TRAIL, SUITE 200
PORT ORCHIE, FL 32057
PH: (941) 391-3369
FAX: (941) 370-8336



MASTER VANITY CABINET
SCALE 1/2"= 1'-0"



HALL VANITY CABINET
SCALE 1/2"= 1'-0"

GENERAL BUILD'G NOTES

- MAIN FLOOR PLATE HEIGHT TO BE 8'-0" UNLESS NOTED OTHERWISE
- OPTIONAL BONUS PLATE HEIGHT TO BE UNLESS NOTED OTHERWISE
- INTERIOR AND EXTERIOR WALLS TO BE DRAWN AT 3 1/2" U.N.O.
- ALL ANGLES TO BE DRAWN AT 90° OR 45° UNLESS NOTED OTHERWISE
- WINDOW HEADER HEIGHT TO BE SET AT 6'-11" FROM TOP OF HOUSE SLAB TO BOTTOM OF WINDOW HEADER U.N.O.
- HEADER SIZES AND MATERIALS TO BE DETERMINED AND VERIFIED BY LICENSED ENGINEER AND BUILDER.
- SIZES, LOCATIONS, AND MATERIALS OF BEAMS, TRUSSES, GIRDERS, AND HEADERS ARE TO BE DETERMINED AND VERIFIED BY BUILDER, FRAMER, TRUSS SHOP, AND LICENSED ENGINEER
- FOOTER SIZE, MATERIAL AND LOCATIONS TO BE VERIFIED AND DETERMINED BY BUILDER, FOOTER CONTRACTOR, AND LICENSED ENGINEER
- ROOF VENTILATION TO BE DETERMINED AND VERIFIED BY BUILDER, ROOFING CONTRACTOR, AND LICENSED ENGINEER
- ALL MECHANICAL SYSTEMS DESIGNS, LOCATIONS AND SIZING TO BE DETERMINED AND VERIFIED BY BUILDER, APPROPRIATE TRADE CONTRACTOR , AND LICENSED ENGINEER
- BUILDER IS RESPONSIBLE FOR VERIFYING AND COMPLYING WITH ALL LOCAL, STATE, AND NATIONAL BUILDING CODES.
- LOCAL, STATE, & NATIONAL BUILD'G CODES TAKE PRECEDENCE OVER DRAWINGS
- BUILDER TO VERIFY ALL DIMENSIONS

SQUARE FOOTAGE CHART

MAIN FLOOR HEATED & COOLED AREA:	1267
COVERED FRONT PORCH AREA:	22
GARAGE AREA TO FRAME:	N/A
COVERED REAR LANAI AREA:	N/A
2ND FLOOR HEATED & COOLED AREA:	N/A
TOTAL HEATED AND COOLED AREA:	1267
TOTAL UNDER BEAM AREA:	1289

NOTE:
ALL AREA CALCULATIONS ARE CALCULATED TO EXTERIOR OF FRAMED WALLS.

STREET ADDRESS:

0 SW MERCIFUL PLACE

CITY/STATE:

FT. WHITE, FL.

ZIP:

32038

COUNTY:

COLUMBIA

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PRELIM. : 7/29/2024 JPH

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FINAL :

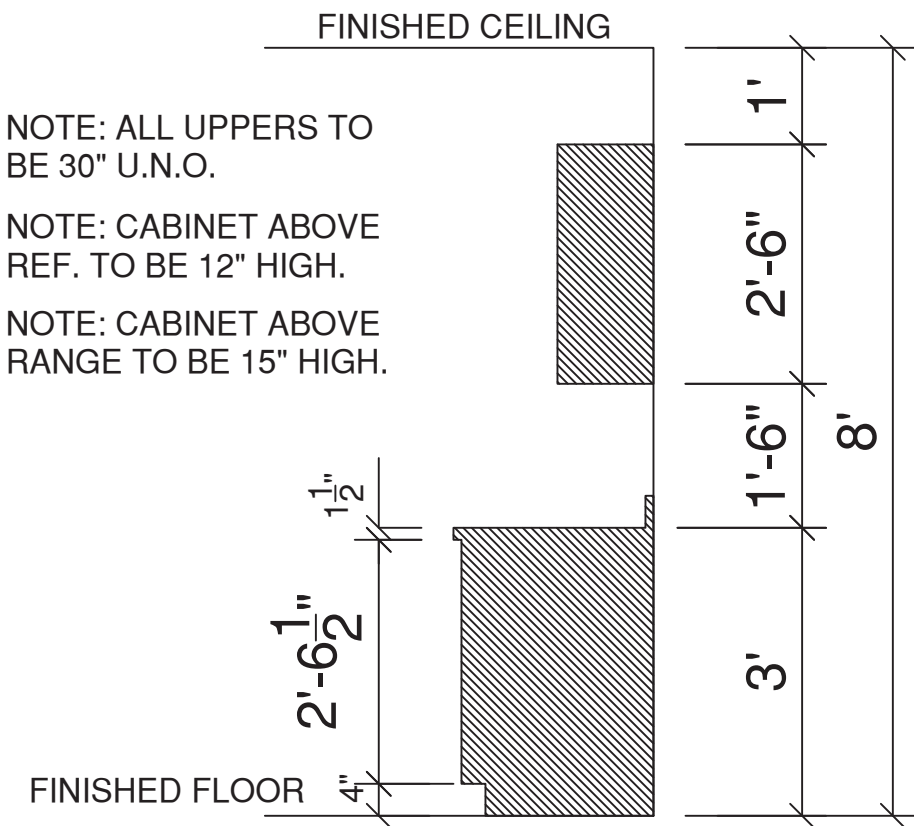
Cabinet Plan

NEWPORT
"CLASSIC"



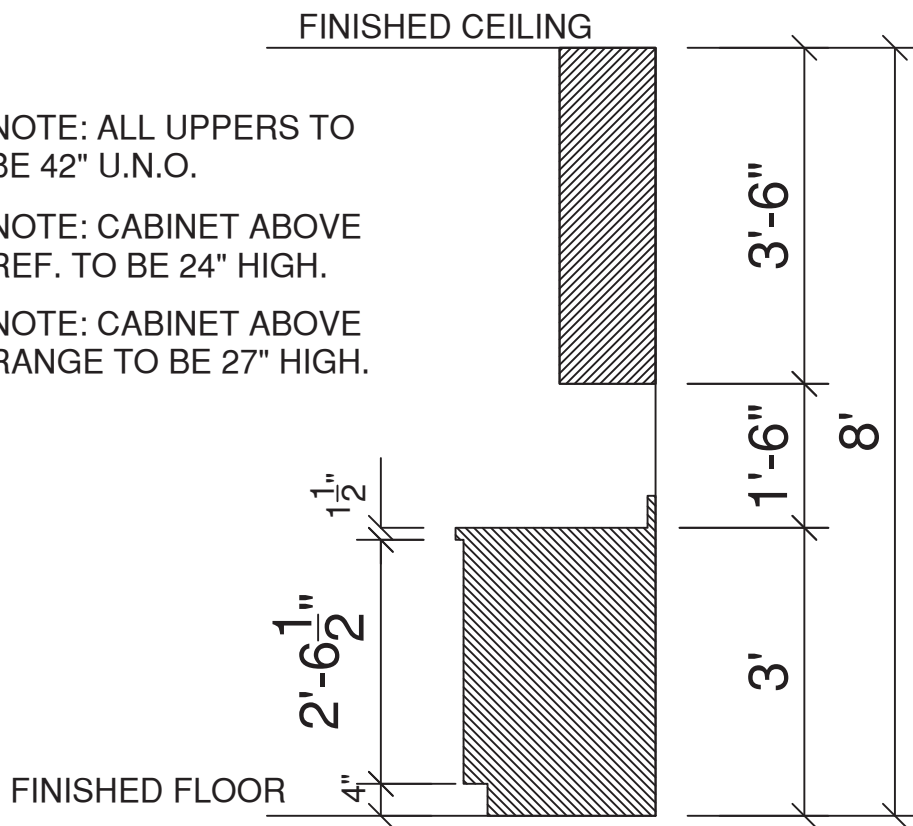
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CRUZ-FERNANDEZ



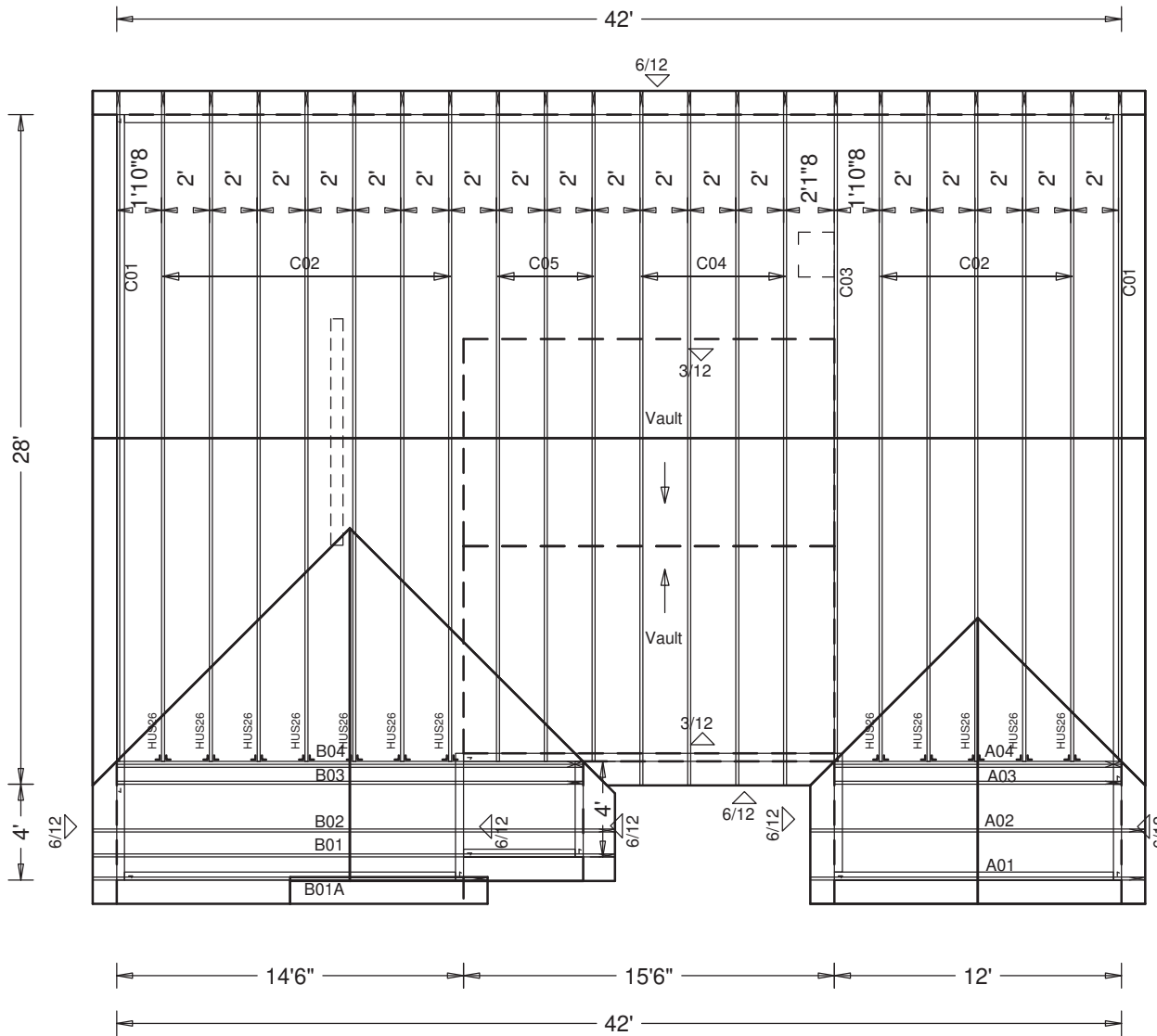
STANDARD 30" WALL CABS.
SCALE: = 1/2" = 1'-0"

- ☐ OPTIONAL SCRIBE TRIM MLD'G.
- ☐ OPTIONAL CROWN MLD'G.



OPTIONAL 42" WALL CABS.
SCALE: = 1/2" = 1'-0"

- ☐ OPTIONAL SCRIBE TRIM MLD'G.
- ☐ OPTIONAL CROWN MLD'G.



W.B. Howland Truss Co.
610 11th St. SW
Live Oak, FL 32064
(386) 362-1235
(386) 362-7124 (Fax)
howlandtruss@gmail.com

ROOF PITCH: 6/12
OVERHANG: 1'
CEILING: 8' w/Vault
EXT. WALLS: 4"
LOADING: 40psf
WIND LOAD: 130mph
EXPOSURE: C

DATE: 8/16//24

Truss to Truss Connectors:
(12) HUS26

28'
32'
4'

Craig E Gunderson
Digitally signed
by Craig E
Gunderson
Date:
2024.10.21
11:16:37-04'00'

THE TRUSS MANUFACTURER'S LAYOUT APPEARS TO BE IN SUBSTANTIAL
COMPLIANCE WITH THE PERMITTING PLANS THAT CONFORM TO 2023
FLORIDA BUILDING CODE, 8TH EDITION AND SUPPLEMENTS.
CONTRACTOR MUST VERIFY DIMENSIONS, PITCH, HEEL HEIGHTS,
OVERHANGS, ETC.

FLORIDA ENGINEERING, LLC COA #30782

Craig E. Gunderson, P.E. #201102

FLORIDA ENGINEERING, LLC
4151 TAMARIN TRAIL, UNIT 101
PORT CHARLOTTE, FL 33681
PH: (813) 381-5880
FAX: (813) 381-5156

JOB #: 24-1592

Job Name: Cruz, Christie - Newport
Customer: Red Door Homes
Designer: Kelly Caudill
ADDRESS: 281 SW Merciful Pl.
Salesman: Fill in later
: 08-28-2024

JOB NO:
24-1592

PAGE NO:
1 OF 1

GENERAL NOTES:

- THE CONTRACTOR/OWNER IS TO VERIFY ALL SITE CONDITIONS, PROPERTY DIMENSIONS, AND PRODUCT AVAILABILITY, OPENINGS FOR WINDOWS AND DOORS AND ATTACHMENT REQUIREMENTS, DIMENSIONS OF PRODUCTS, INCLUDING APPLIANCES ARE THE RESPONSIBILITY OF THE CONTRACTOR/OWNER.
- ALL STRUCTURAL DESIGN HAS BEEN CARRIED OUT PER THE PROVISIONS OF CHAPTER 16 OF THE BUILDING CODE, AS WELL AS ASCE 7.
- ENGINEERING DESIGNS PROVIDED IN THESE DETAIL SPECIFICATIONS REPRESENT THE MINIMUM DESIGN CRITERIA FOR CONSTRUCTION TO THE CODES IDENTIFIED ABOVE.
- ANY PRODUCT OR MATERIAL SUBSTITUTION IS PERMITTED AS LONG AS THE SUBSTITUTION IS EQUAL TO OR GREATER THAN THE ORIGINAL SPECIFIED PRODUCT ALL TESTING DATA OR PRODUCT VERIFICATION IS THE RESPONSIBILITY OF THE CONTRACTOR THE ENGINEER HAS NOT PROVIDED REVIEW OF SUCH MATERIAL UNLESS OTHERWISE SPECIFIED.
- THE PRESUMPTIVE LOAD-BEARING VALUES OF THE FOUNDATION SOIL IS TO BE 2000PSF BASED ON THE TABLE R401.4.1, OF THE BUILDING CODE.
- ENGINEER HAS NOT PROVIDED ANY JOB SITE INSPECTIONS UNLESS SPECIFICALLY ARRANGED.
- CLADDING PRODUCTS ARE TO BE INSTALLED TO THE MANUFACTURERS SPECIFICATIONS, AND TO COMPLY WITH THE BUILDING CODE, AND ASCE7 THE CONTRACTOR IS TO PROVIDE ANY INSTALLATION GUIDELINES OR PRODUCT TESTING REQUIRED BY THE BUILDING OFFICIAL IF REQUESTED.
- ALL CONSTRUCTION WORK AND DESIGN IS SUBJECT TO THE REVIEW AND INTERPRETATION OF THE BUILDING OFFICIALS. CONTRACTOR ACKNOWLEDGES THAT ADDITIONAL ENGINEERING DETAILS, AND/OR REQUIREMENTS MAY BE REQUESTED/REQUIRED BY THE PERMITTING AUTHORITY HAVING JURISDICTION, AND SUCH REQUIREMENTS MAY ALTER THE ORIGINAL PROPOSED DESIGN THESE ADJUSTMENTS COULD SUBJECT THE CONTRACTOR TO ADDITIONAL EXPENSES AND ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- HOMEOWNER ASSOCIATION, DEED RESTRICTIONS AND ZONING REQUIREMENTS, ETC ARE THE RESPONSIBILITY OF THE CONTRACTOR AND NO VERIFICATION OR COMPLIANCE IS EXPRESSED OR IMPLIED BY THE ENGINEER
- THE STRUCTURE HAS BEEN DESIGNED TO BE SELF-SUPPORTING AND STABLE WHEN CONSTRUCTION IS COMPLETE THE CONTRACTOR IS RESPONSIBLE FOR ERECTION PROCEDURES AND SEQUENCE OF SUCH TO PROVIDE SAFETY OF WORKERS, THE BUILDING AND ALL COMPONENTS OF THE BUILDING ALL TEMPORARY BRACING IS THE RESPONSIBILITY OF THE CONTRACTOR
- THE CONTRACTOR IS RESPONSIBLE TO PROVIDE POSITIVE DRAINAGE FROM THE STRUCTURE OR BUILDING TO ALL APPLICABLE CODES AND ORDINANCES. SITE DRAINAGE IS ALSO THE CONTRACTORS RESPONSIBILITY THE ENGINEER HAS ACKNOWLEDGED NO REVIEW, COMMENT OR COMPLIANCE.
- NO ENVIRONMENTAL STUDIES HAVE BEEN PERFORMED BY THE ENGINEER, AND IF REQUIRED ARE THE RESPONSIBILITY OF THE CONTRACT.
- THE DESIGN OF ALL PRE-ENGINEERED ROOF TRUSSES INCLUDING GIRDERS FLOOR TRUSSES, AND ALL BEAMS ARE TO BE DESIGNED TO MEET THE BUILDING CODE WITH SUPPLEMENTS, AND ASCE 7. THE DESIGN IS TO INDICATE THE ENGINEER OF RECORD AND BEAR THE SEAL OF SUCH ENGINEER. ALL LATERAL AND CROSS BRACING REQUIRED IS TO BE SPECIFIED BY THE DESIGNER. THE TRUSS OR FLOOR SYSTEM DESIGN SHALL NOT EXERT LATERAL LOADS ON ANY WALL SYSTEM, INTERIOR OR EXTERIOR. THE DESIGN IS TO ALSO INDICATE THE MAGNITUDE OF THE LOADS AND ANY PROVISIONS REQUIRED. THE CONTRACTOR ASSUMES THE RESPONSIBILITY OF REVIEW OF THE PRE-ENGINEERED SYSTEMS AND ANY COMPLIANCE NECESSARY. ANY DEVIATION FROM THE PROPOSED DESIGNS MAY REQUIRE ADDITIONAL REVIEW AND MODIFICATION.
- ALL PERMANENT TRUSS BRACING, IN ADDITION TO TRUSS BRACING SPECIFIED BY THE TRUSS ENGINEER SHALL BE INSTALLED PER THE DETAIL IN THESE SHEETS, AND IN ACCORDANCE TO BWT-76 AND HIB-91
- ALL MATERIAL INSTALLATIONS ARE TO BE PER THE CODES AND STANDARDS REFERENCED

FASCIA & SOFFIT VENTING:

- MINIMUM 2"x4" SUB FASCIA NAILED TO TRUSS TAILS W/(2) 16d NAILS AT EACH TRUSS - (EACH PLY WHEN MULTIPLE TRUSS.
- TYPICAL DRIP EDGE & SOFFIT FASCIA INSTALLED TO MFG. SPECIFICATIONS
- SEE ALUMINUM ENGINEERING SPECIFICATIONS SUPPLIED BY OTHERS FOR FASCIA OR OVERHANG REQUIREMENTS WHEN SCREEN ENCLOSURES OR STRUCTURAL GUTTERS ARE DESIGNED TO BE ATTACHED TO FASCIA. NO VENTING IF USING SPRAY FOAM INSULATION
- SOFFITS SHALL BE CAPABLE OF RESISTING THE DESIGN PRESSURES SPECIFIED IN TABLE R301.2(2).
- ENTRY LANAI CEILING SPECIFICATION OPTIONS:
 - 1" SAG RESISTANT GYPSUM BOARD OVER 1"x4" P.T. FURRING STRIPS NAILED @ 16" O.C. W/ (2) 8d NAILS EACH TRUSS
 - 2" NOMINAL PLYWOOD OR OSB FASTENED W/ 8d NAILS 6" O.C. OR 3/8" X 1 1/2" STAPLES 4" O.C.
 - 5/8" SAG RESISTANT EXTERIOR DRYWALL.

GENERAL STRUCTURAL NOTES:

- THE STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH THE DRAWINGS OF ALL OTHER DISCIPLINES AND THE SPECIFICATIONS. THE CONTRACTOR SHALL VERIFY THE REQUIREMENTS OF THE TRADES AS TO SLEEVES, CHASES, HANGERS, INSERTS, ANCHORS, HOLES, AND OTHER ITEMS TO BE PLACED OR SET IN THE STRUCTURAL WORK.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL SAFETY PRECAUTIONS AND REGULATIONS DURING WORK. THE ENGINEER WILL NOT ADVISE ON NOR ISSUE DIRECTION AS TO SAFETY PRECAUTIONS AND PROGRAMS.
- THE STRUCTURAL DRAWINGS REPRESENT THE FINISHED STRUCTURE AND DO NOT INDICATE THE METHODS OR MEANS OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY GUYING AND BRACING REQUIRED TO ERECT AND HOLD THE STRUCTURE IN PROPER ALIGNMENT UNTIL ALL STRUCTURAL WORK AND CONNECTIONS HAVE BEEN COMPLETED. THE INVESTIGATION, SAFETY, DESIGN ADEQUACY AND INSPECTION OR ERECTION BRACING, TEMPORARY SUPPORTS ETC. IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- THE ENGINEER SHALL NOT BE RESPONSIBLE FOR THE METHODS, TECHNIQUES AND SEQUENCES OR PROCEDURES TO PERFORM THE WORK. THE SUPERVISION OF THE WORK IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
- DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION, WHERE CONDITIONS ARE NOT SPECIFICALLY SHOWN, THE STANDARD DETAILS CONTAINED IN THE ENGINEER OF RECORD DETAIL SHEETS SHALL BE USED.
- LOADING APPLIES TO THE STRUCTURE DURING THE PROCESS OF CONSTRUCTION SHALL NOT EXCEED THE SAFE LOAD CARRYING CAPACITY OF THE STRUCTURAL MEMBERS. THE LIVE LOAD USED IN THE DESIGN OF THIS STRUCTURE ARE INDICATED IN THE "DESIGN CRITERIA NOTES". DO NOT APPLY ANY CONSTRUCTION LOADS UNTIL THE STRUCTURAL FRAMING IS PROPERLY CONNECTED TOGETHER AND UNTIL ALL TEMPORARY BRACING IS IN PLACE.
- GARAGE TO LIVING DOOR TO BE SOLID W/ 20 MINUTE FIRE RATING & SELF CLOSING HINGES.
- GARAGE TO DWELLING SEPARATION TO HAVE 3/4" GYPSUM BOARD ON GARAGE SIDE WALLS & 5/8" TYPE "X" ON CEILINGS W/ HABITABLE ROOMS ABOVE PER FBC 2023 R302.6.
- WALL SECTIONS 4 FOOT OR GREATER IN LENGTH W/ VERTICAL REBAR IN A FILLED CELL AT EACH END SHALL BE CONSIDERED A SHEAR WALL. FILLED CELLS ARE REQUIRED W/ VERTICAL #5 REBAR ON EACH SIDE OF WINDOWS, DOORS & OPENINGS ALSO AT ALL CORNERS & UNDER ALL GIRDER TRUSSES & BEAMS.

SITE PREPARATION NOTES:

- THE BUILDING SHALL BE PREPARED AND TESTED IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER.
- IF THE SITE PREPARATION REQUIREMENTS ARE NOT SPECIFIED BY A GEOTECHNICAL REPORT THE FOLLOWING PROCEDURES SHOULD BE USED AS A MINIMUM.
 1. WITHIN AN AREA A MINIMUM OF 5 FEET BEYOND THE BUILDING LIMITS EXCAVATE A MINIMUM OF 4" OF EXISTING SOIL. REMOVE ALL ORGANICS, PAVEMENT, ROOTS, DEBRIS AND OTHERWISE UNSUITABLE MATERIAL
 2. THE SURFACE OF THE EXPOSED SUBGRADE SHALL BE INSPECTED FOR POCKETS OF SOFT OR UNSUITABLE MATERIAL. EXCAVATE UNSUITABLE SOIL AS DIRECTED BY THE GEOTECHNICAL ENGINEER/TESTING AGENCY
 - 2.3. FILL ALL EXCAVATED AREAS WITH APPROVED CONTROLLED FILL PLACE IN 8-INCH LIFTS AND COMPACT TO A MINIMUM OF 95% OF THE MAXIMUM DRY DENSITY BASED ON THE MODIFIED PROCTOR TEST
 - 2.4. ALL CONTROLLED FILL MATERIAL SHALL BE A SELECT GRANULAR MATERIAL FREE FROM ALL ORGANICS OR OTHERWISE DELETERIOUS MATERIAL
 - 2.5. PROVIDE FILED DENSITY TESTS FOR EACH 1,500 SF OF BUILDING AREA FOR EACH LIFT OF CONTROLLED FILL

APPLICABLE CODES :

2023 FLORIDA BUILDING CODE, 8th EDITION
2023 FLORIDA BUILDING CODE, 8th EDITION, BUILDING
2023 FLORIDA BUILDING CODE, 8th EDITION, RESIDENTIAL
2023 FLORIDA BUILDING CODE, 8th EDITION, EXISTING BUILDING
2023 FLORIDA BUILDING CODE, 8th EDITION, MECHANICAL
2023 FLORIDA BUILDING CODE, 8th EDITION, PLUMBING
2023 FLORIDA BUILDING CODE, 8th EDITION, FUEL GAS
2023 FLORIDA BUILDING CODE, 8th EDITION, ACCESSIBILITY CODE
2023 FLORIDA BUILDING CODE, 8th EDITION, ENERGY CONSERVATION
2020 NATIONAL ELECTRIC CODE
2023 FPPC 8th EDITION
2021 NFPA 101-LIFE SAFETY CODE

APPLICABLE STANDARDS:

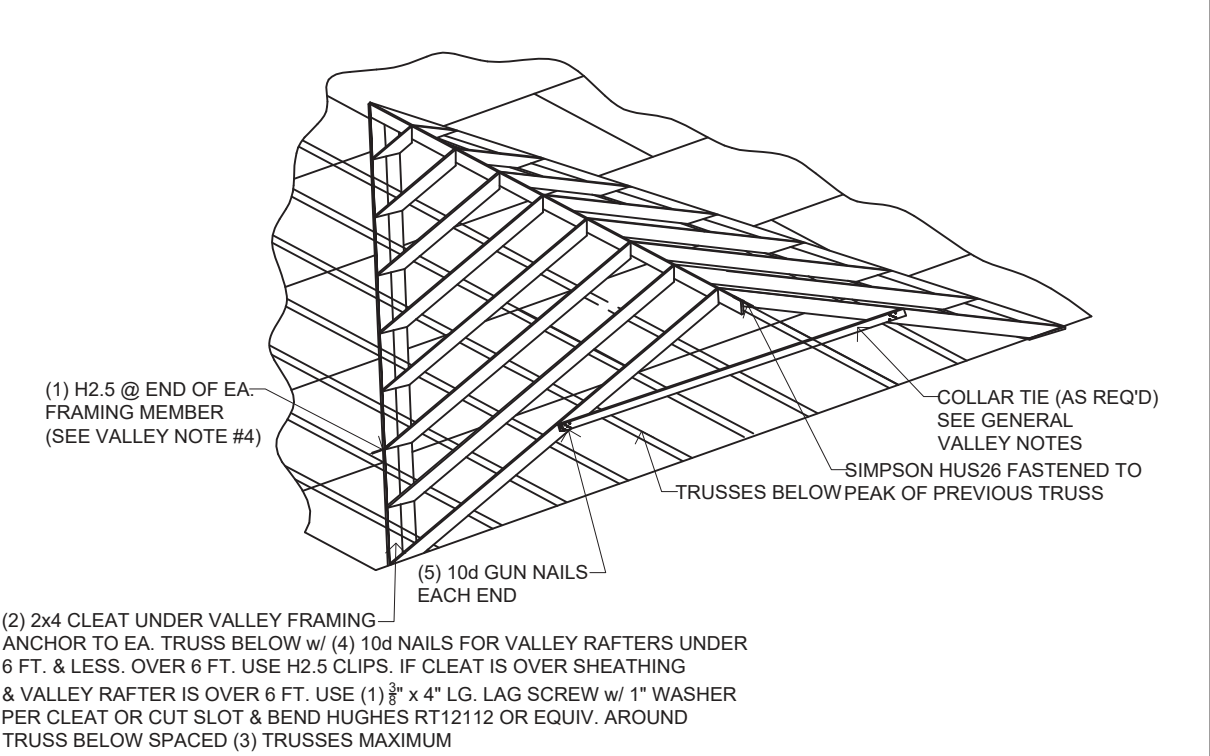
ASCE 7-22: MIN. DESIGN LOADS ON BUILDINGS AND OTHER STRUCTURES
ACI 318-19: BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
AISC STEEL CONSTRUCTION MANUAL (LATEST EDITION)
TMS 402/602-16: BUILDING CODE REQUIREMENTS AND SPECIFICATIONS FOR MASONRY STRUCTURES
AWC 2018 NATIONAL DESIGN SPECIFICATION FOR WOOD W/ ALL SUPPLEMENTS
AWC 2018 SPECIAL DESIGN PROVISIONS FOR WIND AND SEISMIC W/ COMMENTARY
AWS D1.1 STRUCTURAL WELDING CODE FOR STEEL (2020)
ALUMINUM DESIGN MANUAL 2020

TRUSS CONNECTION NOTES:

TRUSS TO MASONRY w/ UPLIFT UP TO 1,810# USE (1) SIMPSON HETA20 OR EQ. U.N.O.
TRUSS TO MASONRY w/ UPLIFT FROM 1,811# TO 2,365# USE (2) SIMPSON HETA20 OR EQ. U.N.O.
GIRDER TO MASONRY USE (2) SIMPSON HETA20 OR EQ. UNLESS NOTED OTHERWISE
TRUSS TO WOOD w/ UPLIFT UP TO 1,310# USE (1) SIMPSON HTS20 OR EQ. U.N.O.
TRUSS TO WOOD w/ UPLIFT FROM 1,311# TO 2,620# USE (2) SIMPSON HTS20 OR EQ. U.N.O.
***IF HETA20 IS MISSED OR SKIPPED ON MASONRY, (2) HTSM20 MAY BE USED.

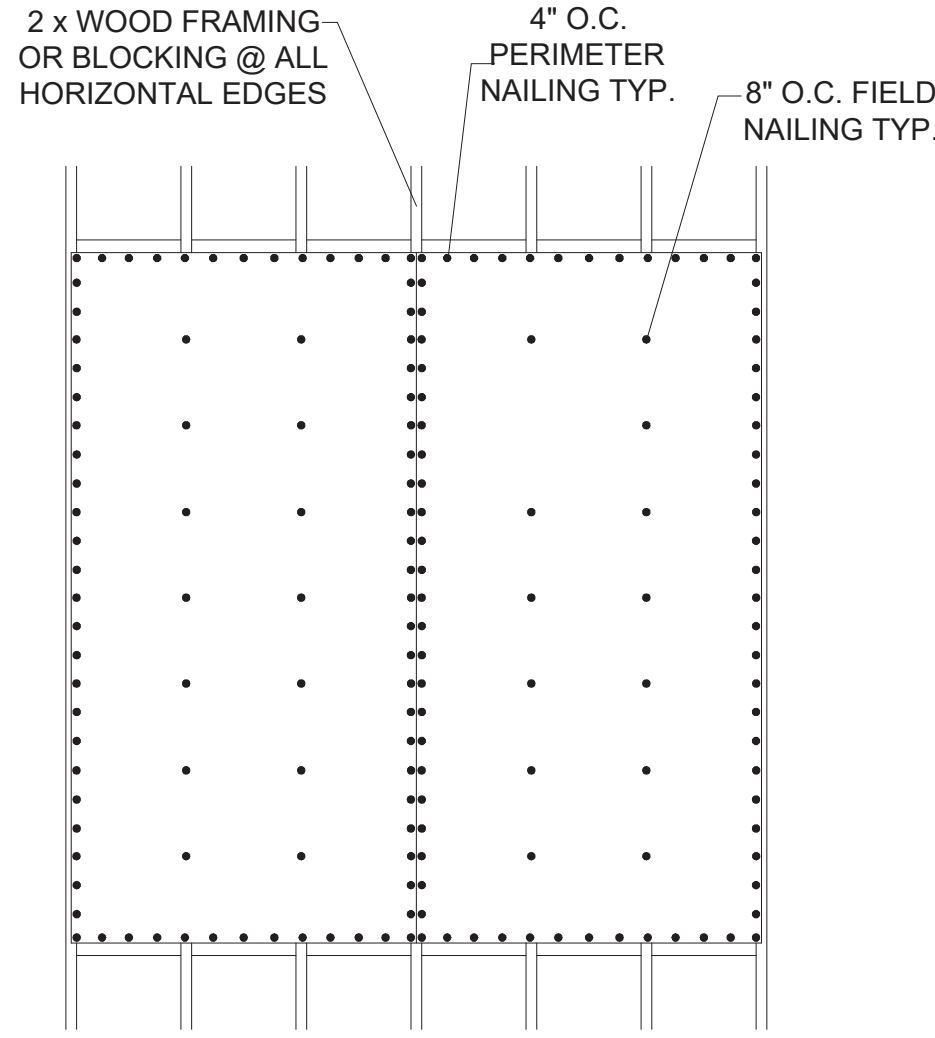
GENERAL VALLEY NOTES:

- RAFTERS TO BE 2x4 SPACED 24" O.C. UP TO 8 FT., USE 2x6 UP TO 12 FT.
- RAFTER LENGTHS (FROM RIDGE TO CLEAT) OVER 12'-0" TO HAVE 2x4 COLLAR
- TIE OR KICKER @ 1/3 RAFTER SPAN (UP TO 24 FT. MAX. RAFTER LENGTH)
- TRUSS TO WOOD w/ UPLIFT UP TO 1,310# USE (1) SIMPSON HTS20 OR EQ. U.N.O.
- TRUSS TO WOOD w/ UPLIFT FROM 1,311# TO 2,620# USE (2) SIMPSON HTS20 OR EQ. U.N.O.
- ***IF HETA20 IS MISSED OR SKIPPED ON MASONRY, (2) HTSM20 MAY BE USED.



VALLEY FRAMING DETAIL

SCALE: N.T.S.

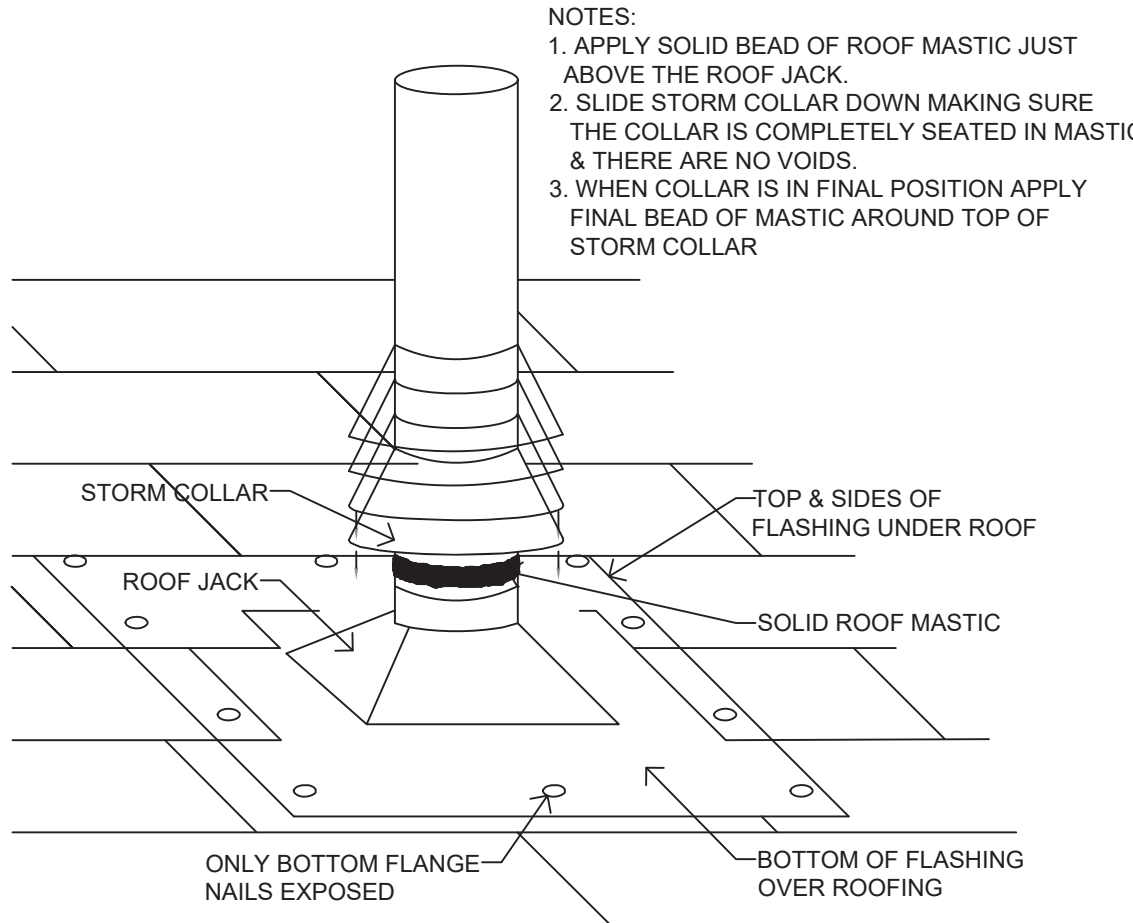


- PROVIDE MIN. 7/16\"/>

NOTE:
WALL SHEATHING TO BE USED AS SHEAR WALL & UPLIFT RESISTANCE.
SEE FLOOR PLANS FOR SHEAR WALL SEGMENT ANCHOR REQUIREMENTS.

TYPE II WALL SHEATHING
NAILING REQUIREMENTS

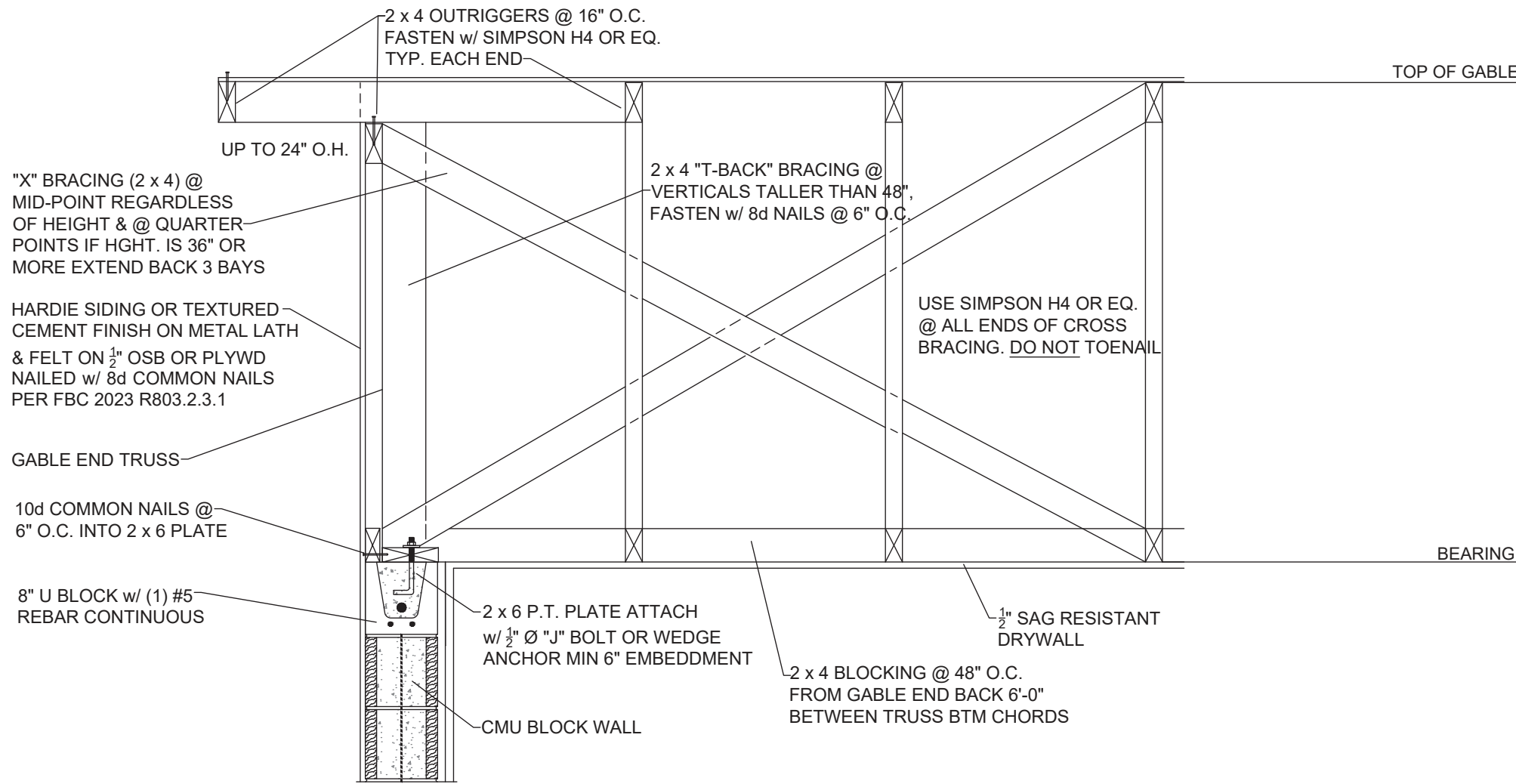
SCALE: N.T.S.



VENT PIPE PENETRATION

SCALE: N.T.S.

ALL STRUCTURAL LUMBER TO BE SYP NO 2 OR BETTER

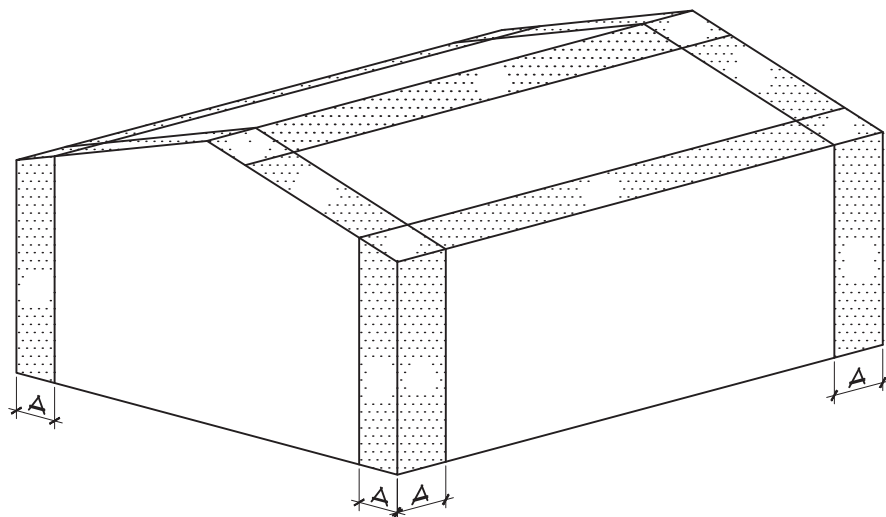


GABLE END CONNECTION

N.T.S.

ROOF PLAN NOTES

- MINIMUM PRE-FABRICATED ROOF TRUSS DESIGN LOADS TO BE:
TOP CHORD LIVE LOAD: 20 P.S.F.
TOP CHORD DEAD LOAD: 20 P.S.F.
BOTTOM CHORD: 10 P.S.F.
TOTAL OF 50 P.S.F.
- TRUSS ENGINEER IS RESPONSIBLE FOR THE DESIGN OF TRUSS SYSTEM, ROOF FRAMING PLAN & MUST PROVIDE ENGINEERING FOR ALL TRUSSES, TRUSS TO TRUSS CONNECTORS, BEAM BUCKETS/HANGER & UPLIFT DESIGN LOADS. ALL OF WHICH SHALL BE CLEARLY & COMPLETELY SPECIFIED ON TRUSS MANUFACTURER'S ENGINEERING DOCUMENTS.
- ALL FLASHING & EAVE METAL TO BE 26 GAUGE, G-90 GALV. STEEL. FLASHING TO BE INSTALLED AT ALL WALL/ ROOF INTERSECTIONS, GUTTERS (IF APPLICABLE) WHEREVER THERE IS A CHANGE IN ROOF SLOPE / DIRECTION EXCEPT HIP & RIDGE JUNCTIONS & ALL AROUND ROOF OPENINGS.



FOR COMPONENT AND CLADDING PRESSURE ZONES, REFER TO FBC2023 8TH EDITION R301.2(7).

ATTIC VENTILATION REQUIREMENTS

1/300 RATIO REQUIRED ATTIC VENTILATION 50% OF REQUIRED VENTS TO BE PLACED IN UPPER PORTION OF ATTIC AT LEAST 3 FT. ABOVE EAVE VENTS.

- RIDGE VENT & OFF RIDGE VENTS ARE TO BE INSTALLED TO MANUFACTURER'S SPECIFICATIONS WITH 2x4 BLOCKING BETWEEN TRUSSES AT EACH SIDE OF VENT.
- BLOCKING NAILED W/ (2) 16d NAILS AT EACH END, EACH PIECE TYPICAL
- OFF RIDGE VENT INSTALLED A MINIMUM OF 12" FROM ROOF PEAK
- RIDGE BLOCKING IS NOT REQUIRED WHEN A MINIMUM 24/16 SHEETING.

R905.1.1 UNDERLAYMENT.

UNDERLAYMENT FOR ROOF SLOPES 2:12 AND GREATER SHALL CONFORM TO THE APPLICABLE STANDARDS LISTED IN THIS CHAPTER. UNDERLAYMENT MATERIALS REQUIRED TO COMPLY WITH ASTM D226, D1970, D4869, D6757, OR ASTM D8257, SHALL BEAR A LABEL INDICATING COMPLIANCE TO THE STANDARD DESIGNATION AND, IF APPLICABLE, TYPE CLASSIFICATION INDICATED. UNDERLAYMENT FOR ROOF SLOPES 2:12 AND GREATER SHALL BE APPLIED AND ATTACHED IN ACCORDANCE WITH SECTION R905.1.1.1 OR R905.1.1.2 AS APPLICABLE.

TABLE R803.2.2 MINIMUM ROOF SHEATHING THICKNESS

RAFTER/TRUSS SPACING 24" O.C	WIND SPEED (MPH)							
	115	120	130	140	150	160	170	180
MIN. SPAN SHEATHING THICKNESS, INCHES (PANEL SPAN RATING) EXPOSURE B	7/16 (24/16)	7/16 (24/16)	7/16 (24/16)	7/16 (24/16)	15/32 (32/16)	19/32 (40/20)	19/32 (40/20)	19/32 (40/20)
MIN. SPAN SHEATHING THICKNESS, INCHES (PANEL SPAN RATING) EXPOSURE C	7/16 (24/16)	7/16 (24/16)	15/32 (32/16)	19/32 (40/20)	19/32 (40/20)	19/32 (40/20)	19/32 (40/20)	23/32 (48/24)
MIN. SPAN SHEATHING THICKNESS, INCHES (PANEL SPAN RATING) EXPOSURE D	15/32 (32/16)	19/32 (40/20)	19/32 (40/20)	19/32 (40/20)	19/32 (40/20)	19/32 (40/20)	23/32 (48/24)	23/32 (48/24)

WOOD STRUCTURAL PANEL SHEATHING SHALL BE FASTENED TO ROOF FRAMING IN ACCORDANCE WITH TABLE R803.2.3.1. SHEATHING SHALL BE FASTENED WITH ASTM F1667 RSRs-03 (21/2" x 0.131" x 0.281 HEAD DIAMETER) NAILS EXCEPT THAT ASTM F1667 RSRs-01 (23/8" x 0.113") NAILS OR ASTM F1667 RSRs-04 (3" x 0.120" x 0.281 HEAD DIAMETER) NAILS SHALL BE PERMITTED WHERE SHEATHING THICKNESS IS 15/32 INCHES AND LESS. RSRs-01, RSRs-03 AND RSRs-04 ARE RING SHANK NAILS MEETING THE SPECIFICATIONS IN ASTM F1667.

TABLE R803.2.3.1 ROOF SHEATHING ATTACHMENT^{a,b}

RAFTER/TRUSS SPACING 24" O.C	WIND SPEED (MPH)															
	115		120		130		140		150		160		170		180	
	E	F	E	F	E	F	E	F	E	F	E	F	E	F	E	F
	EXPOSURE B															
RAFTER/TRUSS SG = 0.42	6	6	6	6	6	6	6	6	6	6	4	4	4	4	4	4
RAFTER/TRUSS SG = 0.49	6	12	6	12	6	6	6	6	6	6	6	6	6	6	6	6
	EXPOSURE C															
RAFTER/TRUSS SG = 0.42	6	6	6	6	6	6	4	4	4	4	4	4	3	3	3	3
RAFTER/TRUSS SG = 0.49	6	6	6	6	6	6	6	6	6	6	6	6	4	4	4	4
	EXPOSURE D															
RAFTER/TRUSS SG = 0.42	6	6	6	6	4	4	4	4	4	4	3	3	3	3	3	3
RAFTER/TRUSS SG = 0.49	6	6	6	6	6	6	4	4	4	4	4	4	4	4	4	4

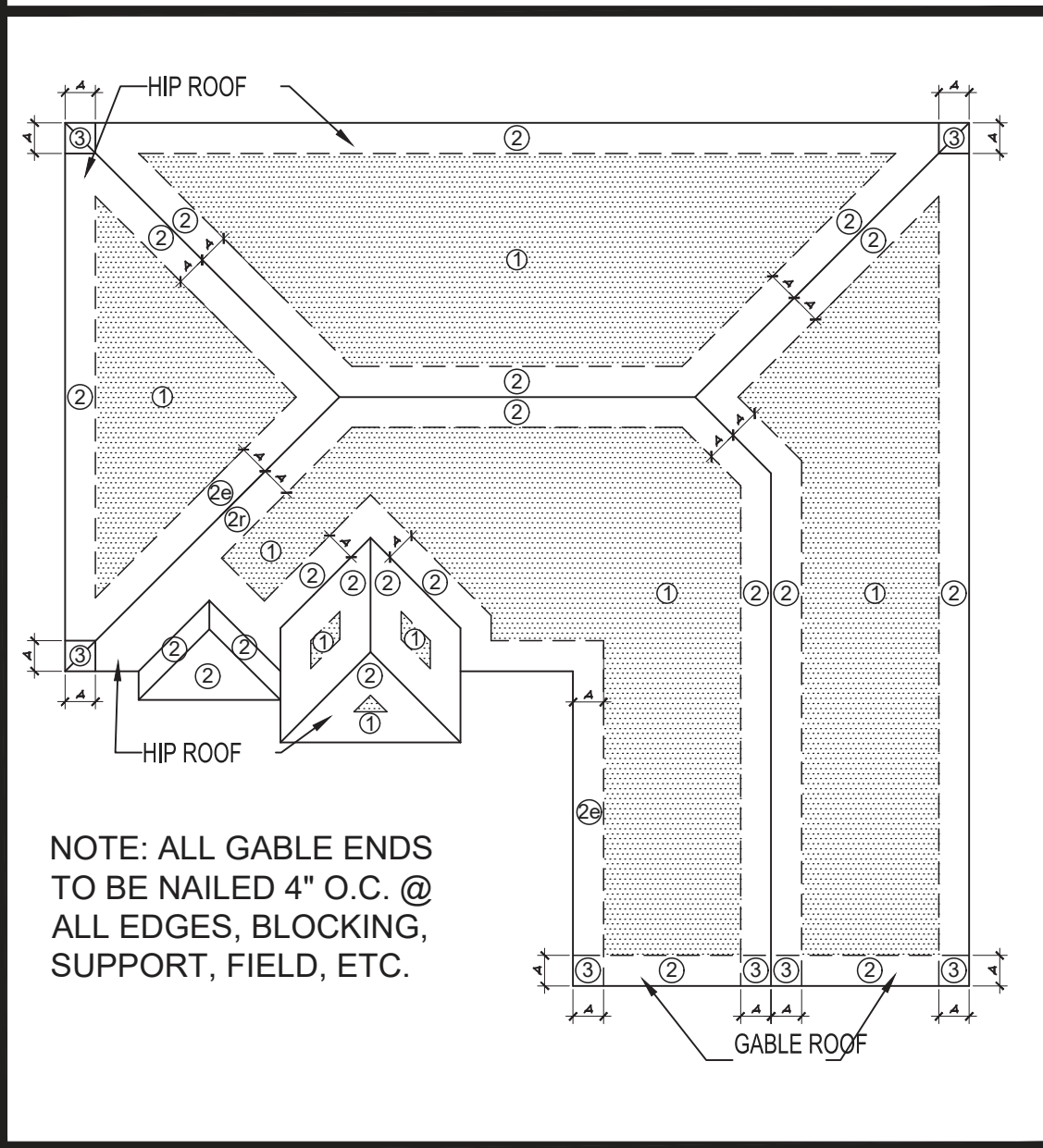
E = NAIL SPACING ALONG PANEL EDGES (INCHES)

F = NAIL SPACING ALONG INTERMEDIATE SUPPORTS IN THE PANEL FIELD (INCHES)

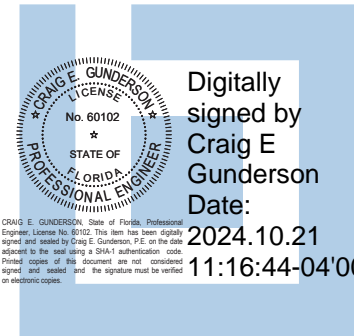
A. FOR SHEATHING LOCATED A MINIMUM OF 4 FEET FROM THE PERIMETER EDGE OF THE ROOF, INCLUDING 4 FEET ON EACH SIDE OF RIDGES AND HIPS, NAIL SPACING IS PERMITTED TO BE 6 INCHES ON CENTER ALONG PANEL EDGES AND 6 INCHES ON CENTER ALONG INTERMEDIATE SUPPORTS IN THE PANEL FIELD.

B. WHERE RAFTER/TRUSS SPACING IS LESS THAN 24 INCHES ON CENTER OR FOR SPECIFIC GRAVITIES (SG) OTHER THAN THOSE SHOWN, ROOF SHEATHING FASTENING IS PERMITTED TO BE IN ACCORDANCE WITH THE AWC WFCM OR THE AWC NDS PROVIDED NAIL SPACING DOES NOT EXCEED 6 INCHES ON CENTER ALONG PANEL EDGES AND 12 INCHES ON CENTER ALONG INTERMEDIATE SUPPORTS IN THE PANEL FIELD.

THE ENGINEER OF RECORD MUST REVIEW AND APPROVE TRUSS PLANS PRIOR TO THE START OF ANY CONSTRUCTION. FOUNDATION, BEARING WALLS, BEAMS, POSTS & TRUSS CONNECTORS ARE SUBJECT TO CHANGE BASED ON FINAL TRUSS PLANS



NOTE: ALL GABLE ENDS TO BE NAILED 4" O.C. @ ALL EDGES, BLOCKING, SUPPORT, FIELD, ETC.



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I HEREBY CERTIFY AS THE BUILDING DESIGN ENGINEER OF RECORD THAT THE DESIGN OF THIS PROJECT WAS PREPARED BY ME OR UNDER MY CLOSE PERSONAL SUPERVISION AND I AM A LICENSED PROFESSIONAL ENGINEER IN THE STATE OF FLORIDA. I AM NOT PROVIDING THIS CERTIFICATION FOR ANY OTHER PROJECTS. THE COMPONENTS OF WHICH THE TRUSS DESIGN ENGINEER IS THE DESIGNER OF RECORD HAVE BEEN PREPARED IN COMPLIANCE WITH THE 2023 8th EDITION FLORIDA BUILDING CODE WITH SUPPLEMENTS.

SEE COVER SHEET

PROJECT NAME & ADDRESS:

No.	Description	Date
△	X	X
△	X	X
△	X	X

DRAWN BY: CG

REVIEWED BY:

PROJECT NO:

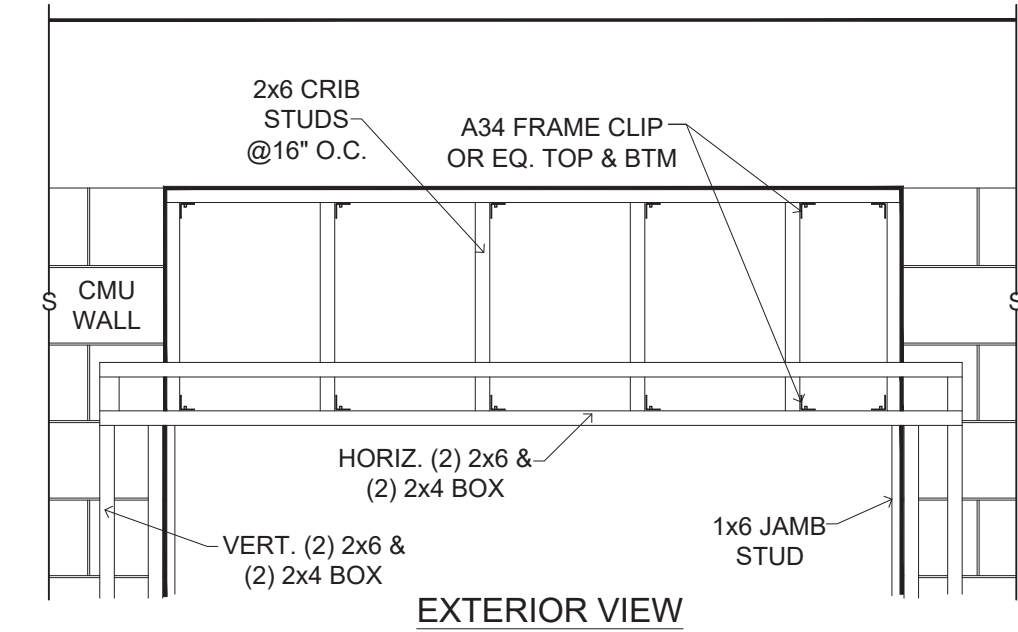
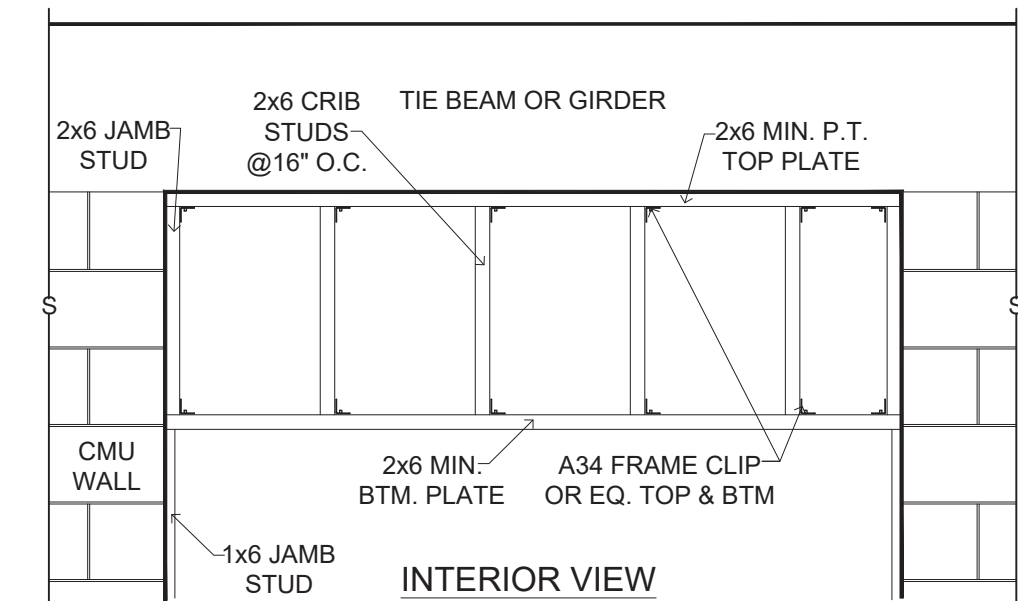
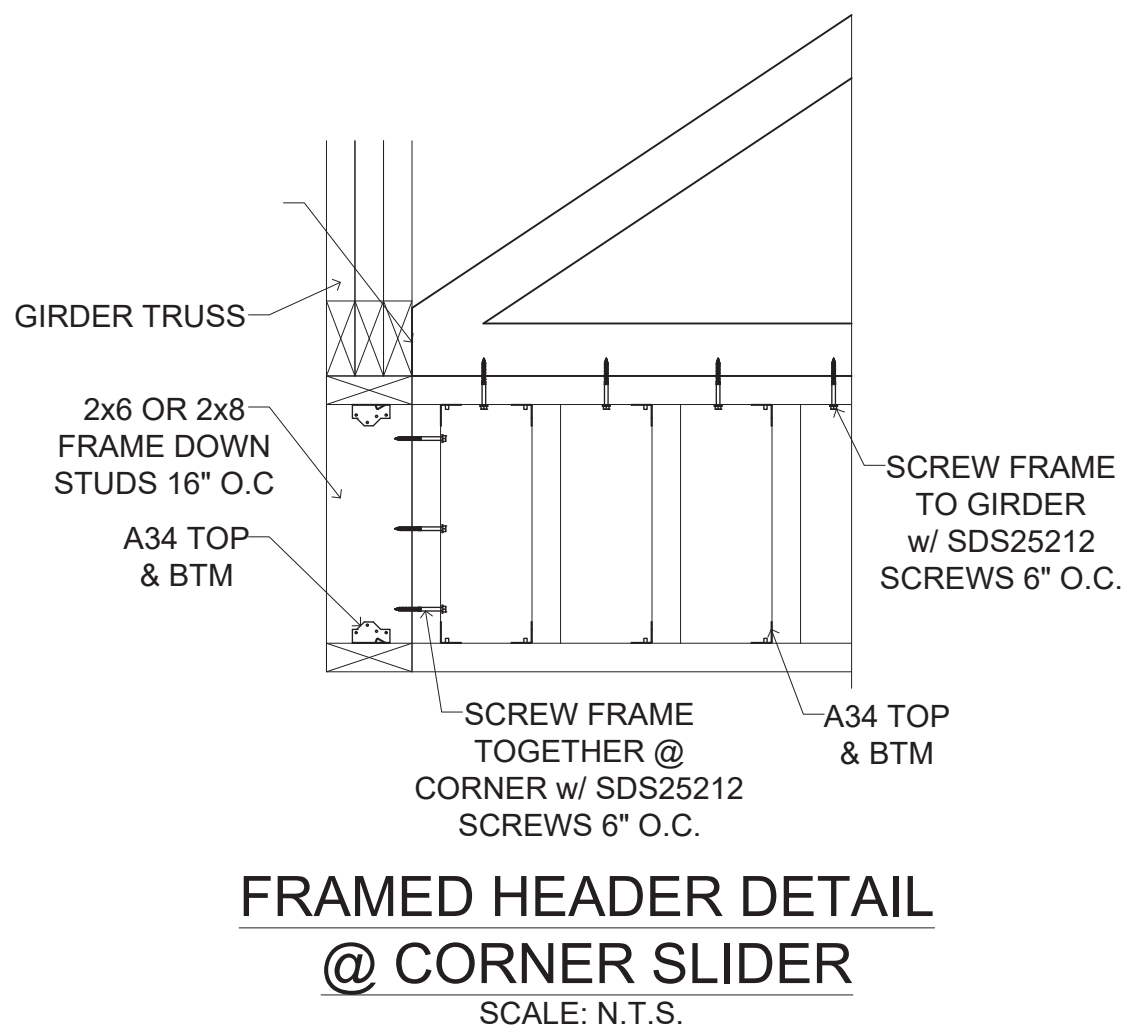
SCALE: PER PLAN

SHEET TITLE:

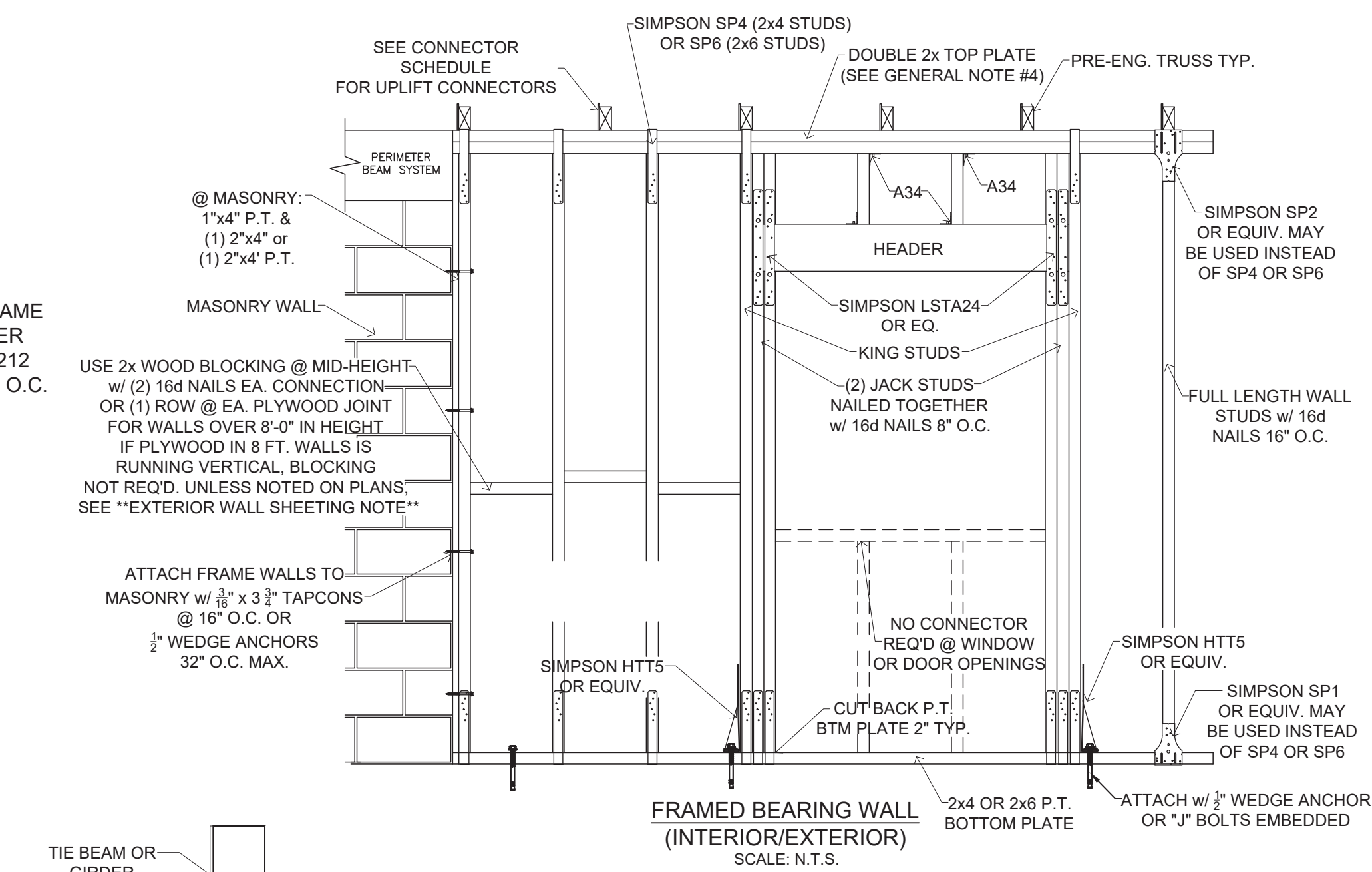
STRUCTURAL
DETAILS

SHEET NUMBER:

S-1



- NOTES:
1. ATTACH 2x6 TOP PLATE TO TIE BEAM OR GIRDER w/ $\frac{3}{8}$ " X 3 $\frac{1}{2}$ " MIN. TAPCONS STARTING 6" FROM ENDS @ 16" O.C.
 2. ATTACH 2x6 BOTTOM PLATE TO CMU WALL EA. END w/ A35 CLIP w/ (4) 10d NAILS IN TOP PLATE & (3) $\frac{3}{8}$ " TAPCONS IN CMU WALL. (CLIP MAY BE ON TOP OR BOTTOM OF PLATE).
 3. ATTACH 2x6 JAMB STUDS TO CMU WALL w/ $\frac{3}{8}$ " X 3 $\frac{1}{2}$ " LG. TAPCONS STARTING 6" FROM TOP @ 16" O.C.
 4. ATTACH 1x6 JAMB PLATES TO CMU w/ $\frac{3}{8}$ " X 2 $\frac{1}{2}$ " LG. TAPCONS STARTING 6" FROM TOP 16" O.C.
 5. ATTACH 2x6 CRIB STUDS TO TOP & BOTTOM PLATES w/ A34 CLIPS w/ (2) 10d NAILS IN CRIB STUD & (2) 10d NAILS IN PLATE.
 6. ATTACH 2x4 SIDE PLATE OF BOX ADJACENT TO FACE OF WALL TO CRIB STUDS w/ (2) #8 X 4" LG. WOOD SCREWS PER STUD.
 7. ATTACH 2x6 PLATES TO 2x4 PLATES IN BOX w/ 16d NAILS STARTING 6" FROM ENDS 16" O.C.
 8. VERTICAL BOX ONLY REQUIRED AT END WHERE JAMB STRIP IS ATTACHED. ALSO 2x4 BLOCKS IN VERTICAL BOX ARE NOT REQUIRED TO BE FULL LENGTH.
 9. ALL STRUCTURAL LUMBER MUST BE S.Y.P. #2



NOTE SCHEDULE		
#1	1/2" X 5" TITEN HD ANCHOR BOLT W/ 2" WASHER @ 6" FROM ALL CORNERS & OPENINGS, & 32" O.C. MAX.	
#2	SIMPSON SP4 @ BOTTOM OF ALL FULL LENGTH & JACK STUDS @ ALL DOOR/ WINDOW OPENINGS	
#3	SIMPSON SP4 @ TOP & BOTTOM OF FULL LENGTH STUDS @ 32" O.C.	
#4	SIMPSON SP4 @ TOP OF ALL FULL LENGTH STUDS @ ALL DOOR/ WINDOW OPENINGS	
#5	CONNECT ALL JACK STUDS TO HEADER W/ SIMPSON LSTA12 @ ALL DOOR/ WINDOW OPENINGS	
#6	CONNECT DBL TOP PLATE TO HEADER W/ SIMPSON SP4 @ 16" FROM EACH END, & 32" O.C. MAX.	

FULL LENGTH/ JACK STUD SCHEDULE		
OPENING WIDTH	(1) JACK STUD EACH END, (2) FULL LENGTH STUD EACH END	(1) JACK STUD EACH END, (2) FULL LENGTH STUDS EACH END
1'-0" TO 4'-0"	(1) JACK STUD EACH END, (2) FULL LENGTH STUD EACH END	(1) JACK STUD EACH END, (2) FULL LENGTH STUDS EACH END
4'-1" TO 6'-0"	(1) JACK STUD EACH END, (2) FULL LENGTH STUDS EACH END	(1) JACK STUD EACH END, (2) FULL LENGTH STUDS EACH END
6'-1" TO 9'-0"	(2) JACK STUDS EACH END, (3) FULL LENGTH STUDS EACH END	(2) JACK STUDS EACH END, (3) FULL LENGTH STUDS EACH END
9'-1" TO 12'-0"	(3) JACK STUDS EACH END, (3) FULL LENGTH STUDS EACH END	(3) JACK STUDS EACH END, (3) FULL LENGTH STUDS EACH END

Frame 2x4-Bearing Wall-Header Schedule
N.T.S.

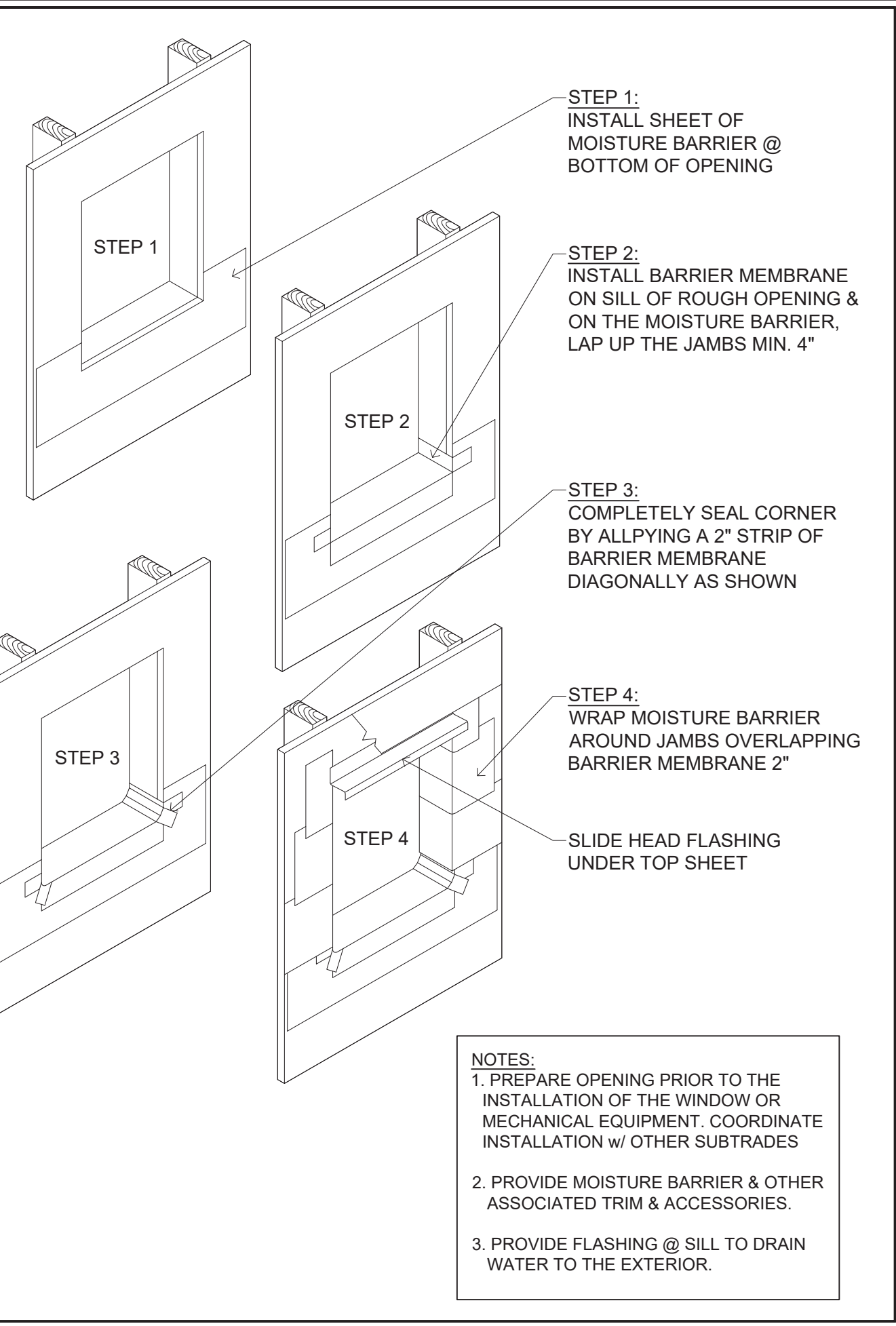
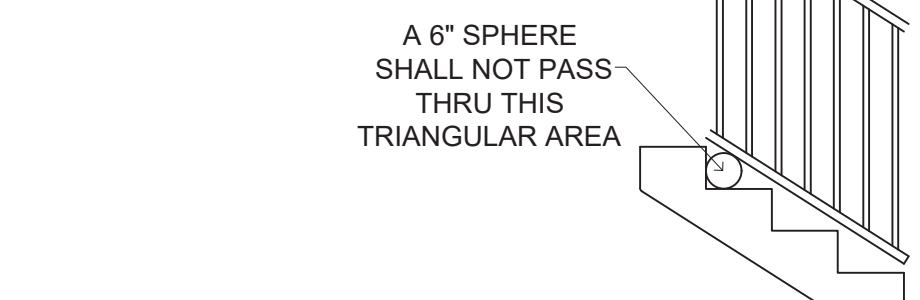
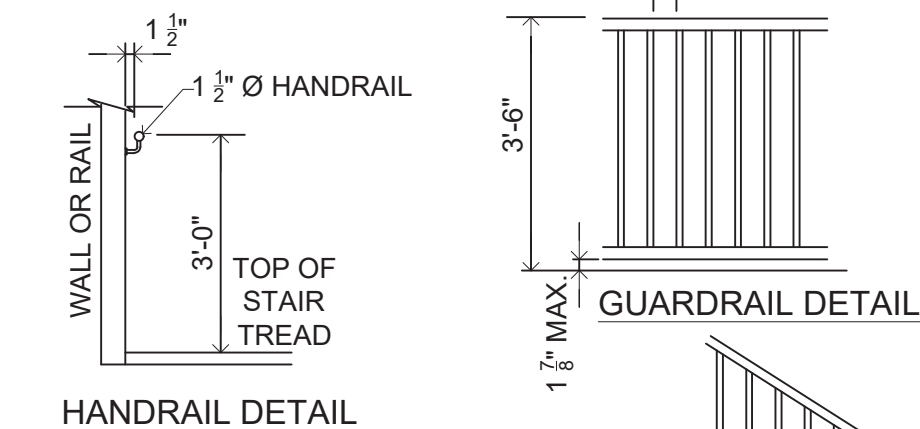
STAIR FRAMING DETAIL

REFERENCE FBC LATEST EDITION
ALL STAIR STRUCTURAL FRAMING SHALL BE 2x MATERIAL
RISER HEIGHT: 7 $\frac{3}{4}$ " MAXIMUM
TREAD WIDTH: 10" MINIMUM
SUM OF (2) RISERS + (1) TREAD (NOT INCLUDING NOSING)
SHALL EQUAL NOT LESS THAN 24" NOT MORE THAN 25"
A FLIGHT OF STAIRS SHALL NOT HAVE A VERTICAL RISE OF
MORE THAN 12 FT. BETWEEN FLOORS OR LANDINGS.
LANDINGS MUST BE CONSTRUCTED @ DOOR OPENINGS;
WIDTH & DEPTH OF LANDINGS MUST NOT BE LESS THAN
THE WIDTH OF THE STAIRS THAT THEY SERVE.

2x RISER BOARD TO BE INSTALLED
BETWEEN OUTER STAIR RAILS &
RESTING ON MIDDLE SUPPORT RAIL
2 x 12 RAIL BOARDS CUT FOR
TREADS & RISERS

ALTHOUGH NOT REQUIRED, IT IS
RECOMMENDED THE THE STAIRCASE
BE FASTENED W/ 3" GALV. DECK
SCREWS & GLUED IN AN EFFORT
TO PREVENT STAIRCASE
TRAVEL NOISE.

HANDRAILS SHALL BE DESIGNED IN
ACCORDANCE W/ FBC R311.5.6;
GUARDRAILS SHALL BE DESIGNED
IN ACCORDANCE W/ R312



- NOTES:
1. PREPARE OPENING PRIOR TO THE INSTALLATION OF THE WINDOW OR MECHANICAL EQUIPMENT. COORDINATE INSTALLATION W/ OTHER SUBTRADES
 2. PROVIDE MOISTURE BARRIER & OTHER ASSOCIATED TRIM & ACCESSORIES.
 3. PROVIDE FLASHING @ SILL TO DRAIN WATER TO THE EXTERIOR.

ROUGH OPENING PREPARATION

SCALE: N.T.S.

1. THE HEADER STUD SHALL NOT BE REQUIRED IF THE HEADER IS SUPPORTED BY A SUITABLE FRAMING ANCHOR.		MAXIMUM HEADER SPAN (FEET)					
		4'	6'	9'	12'	15'	18'
2. IF GO BOLT OR PRO BOLT OR TIE MAX ANCHOR OR SIMPSON SYSTEM IS INSTALLED, CONNECTORS INDICATED IN THIS DETAIL ARE NOT REQUIRED.		NUMBER OF FULL LENGTH STUDS AT EACH END OF HEADER					
		1	1	2	3	3	3
UNSUPPORTED WALL HEIGHT	STUD SPACING	12 INCHES	2	2	3	3	3
	16 INCHES	2	2	3	3	3	3
	24 INCHES	1	2	2	2	2	2
	12 INCHES	2	2	3	4	5	5
GREATER THAN 10'	16 INCHES	2	2	3	3	4	4
	24 INCHES	1	2	2	2	3	3

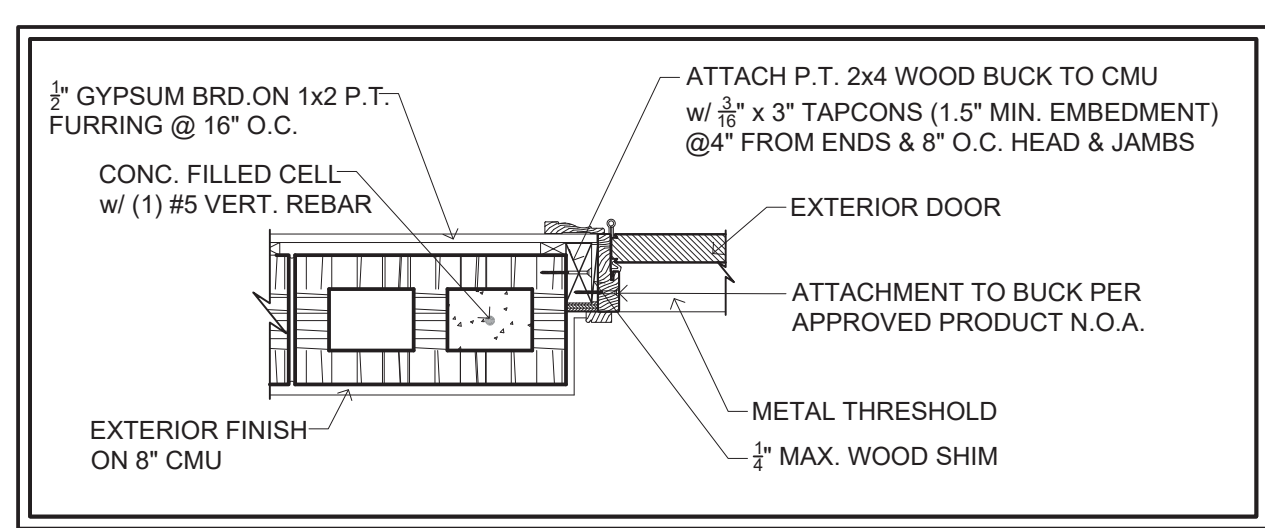
STRAP LOCATION (10d x 1 1/2" NAILS)	FASTENERS	UPLIFT
2x4 AND 2x6 WALL		
SIMPSON MSTA (flat strap)		
A	10	780
A	14	1065
A	16	1215
A	18	1370
2x4 WALL		
SIMPSON SP4		
B.C	6	735
SIMPSON SP44		
B.C	10	1240
B.C	12	1360
2x6 WALL		
SIMPSON SP6		
B.C	6	735
SIMPSON SP46		
B.C	10	1240
B.C	12	1360

ALL CONNECTORS MAY BE AS SHOWN OR SUBSTITUTED WITH EQUAL OR GREATER CONNECTORS

DOUBLE TOP PLATE SPLICE NAILING REQUIREMENT:
(2) 10D NAILS EACH SIDE OF SPLICE
SPLICE TO BE STAGGERED MIN OF 4" FROM ANY OTHER SPLICE
PLATES TO BE NAILED TOGETHER 16" OC MIN WITH 10D NAILS

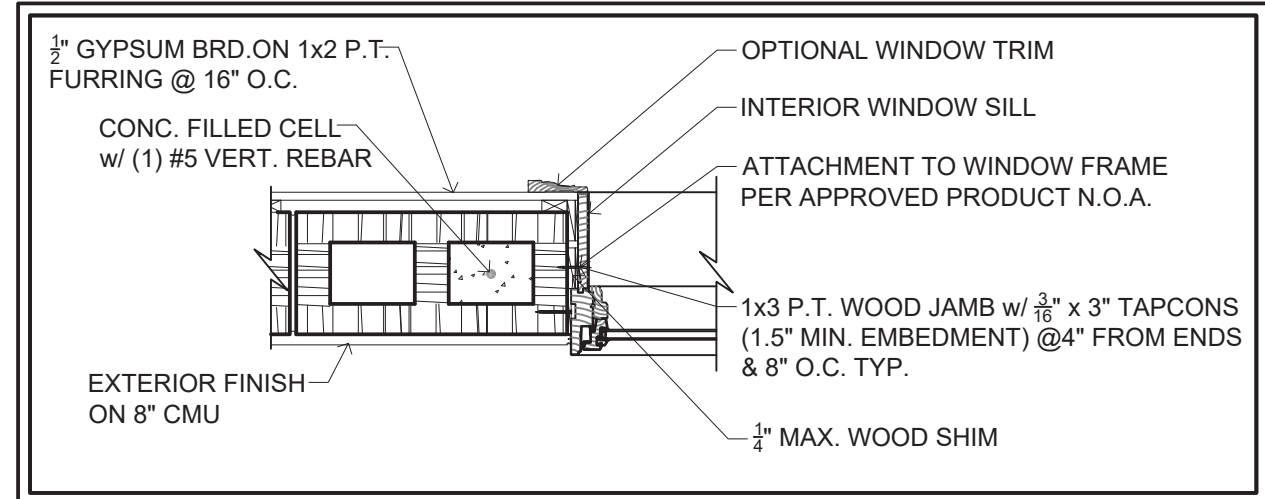
MINIMUM STUD & HEADER REQUIREMENTS FOR OPENINGS

N.T.S.



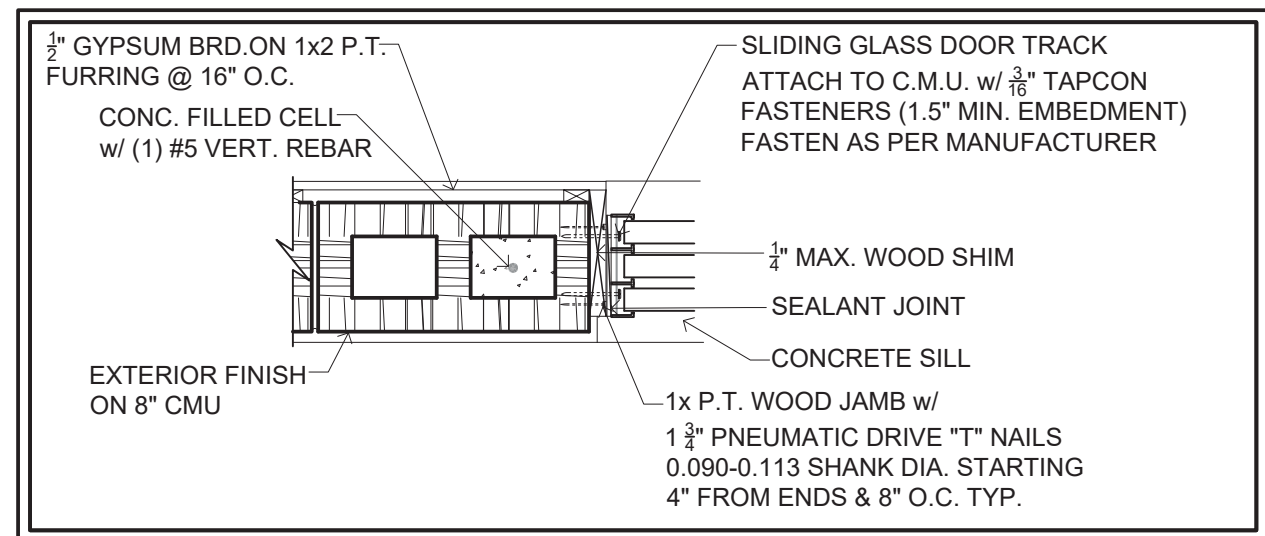
DOOR JAMB TO BLOCK HEAD & SIDELITES SIMILAR

SCALE: N.T.S.



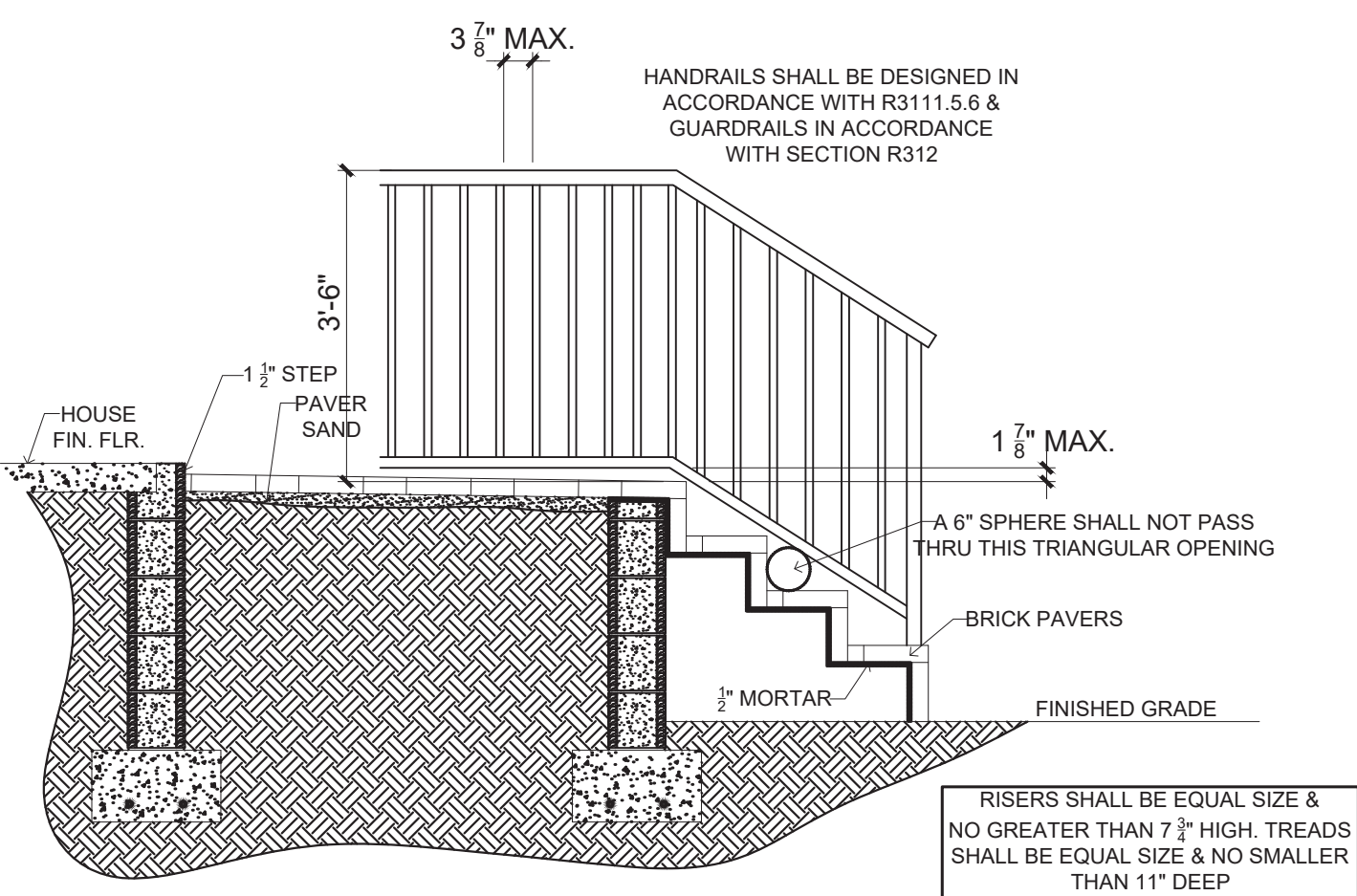
WINDOW JAMB TO BLOCK HEAD SIMILAR

SCALE: N.T.S.



SLD GLASS DOOR JAMB TO BLOCK HEAD SIMILAR

SCALE: N.T.S.



EXTERIOR STAIR DETAIL WITH STEM WALL

SCALE: N.T.S.

SEE COVER SHEET

PROJECT NAME & ADDRESS:

No.	Description	Date
X		X
X		X
X		X

DRAWN BY: CG

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PROJECT NO:

SCALE: PER PLAN

SHEET TITLE:

STRUCTURAL DETAILS

SHEET NUMBER:

S-2

