

FUTURE RESIDENCE OF:
Christie Cruz & Andres Fernandez

CUSTOMER SELECTION NOTES					
ELEVATIONS	FLOOR PLAN	KITCHEN	BATHROOMS	BATHROOMS CONTINUED	APPLIANCES CONTINUED
<div>SIDING MATERIAL TO BE: <div><div><input type="checkbox"/> VINYL SIDING</div><div><input type="checkbox"/> CEMENT LAP SIDING</div><div><input type="checkbox"/> STUCCO</div></div></div> <div>ROOFING MATERIAL TO BE: <div><div><input type="checkbox"/> ARCHITECTURAL SHINGELS</div><div><input type="checkbox"/> METAL</div></div></div> <div>WINDOW GRID PATTERNS TO BE : <div><div><input type="checkbox"/> 6 OVER 6</div><div><input type="checkbox"/> 3 OVER 1</div><div><input type="checkbox"/> 1 OVER 1</div></div></div> <div>GARAGE DOOR OPTIONS IF APPLICABLE : <div><div><input type="checkbox"/> STANDARD RAISED PANEL</div><div><input type="checkbox"/> RIBBED PANEL DESIGN</div><div><input type="checkbox"/> ADD GLASS PANELS WITH GRIDS</div><div><input type="checkbox"/> ADD GLASS PANELS WITHOUT GRIDS</div><div><input type="checkbox"/> ADD GARAGE DOOR OPENER</div><div><input type="checkbox"/> ADD GARAGE DOOR OPENER KEYPAD</div></div></div> <div>SHUTTER OPTIONS : <div><div><input type="checkbox"/> NO SHUTTERS</div><div><input type="checkbox"/> VINYL RAISED PANEL</div><div><input type="checkbox"/> VINYL LOUVERED</div><div><input type="checkbox"/> VINYL BOARD & BATTEN</div><div><input type="checkbox"/> GARAGE DOOR OPENER W/ 2 REMOTES</div><div><input type="checkbox"/> KEYPAD FOR GARAGE DOOR OPENER</div></div></div> <div>EXTERIOR DOOR STYLES : <div><div><input type="checkbox"/> FRONT - 6 PANEL</div><div><input type="checkbox"/> FRONT - 3-LITE CRAFTSMAN</div><div><input type="checkbox"/> FRONT - FULL GLASS NO GRIDS</div><div><input type="checkbox"/> FRONT - FULL GLASS W/ GRIDS</div><div><input type="checkbox"/> REAR - SLIDING GLASS</div><div><input type="checkbox"/> REAR - 6 PANEL</div><div><input type="checkbox"/> REAR - FULL GLASS NO GRIDS</div><div><input type="checkbox"/> REAR - FULL GLASS W/ GRIDS</div><div><input type="checkbox"/> SIDE - SLIDING GLASS</div><div><input type="checkbox"/> SIDE - 6 PANEL</div><div><input type="checkbox"/> SIDE - FULL GLASS NO GRIDS</div><div><input type="checkbox"/> SIDE - FULL GLASS W/ GRIDS</div></div></div>	<div>CEILING HEIGHTS AND OPTIONS: <div><div><input type="checkbox"/> 8' - STANDARD</div><div><input type="checkbox"/> 9' - OPTIONAL</div><div><input type="checkbox"/> 10' OPTIONAL</div></div></div> <div><div><input type="checkbox"/> VAULT CEILING IN LIVING AREAS</div><div><input type="checkbox"/> TRAY CEILING IN MASTER BATH</div><div><input type="checkbox"/> TRAY CEILING IN LIVING ROOM</div><div><input type="checkbox"/> TRAY CEILING IN FOYER</div><div><input type="checkbox"/> TRAY CEILING IN FLEX / FORMAL / STUDY</div><div><input type="checkbox"/> TRAY CEILING IN ENTIRE LIVING AREA</div></div> <div>INTERIOR DOOR STYLE: <div><div><input type="checkbox"/> 6 - PANEL COLONIAL</div><div><input type="checkbox"/> 2 - PANEL ARCHED TOP</div><div><input type="checkbox"/> 2 - PANEL CHEYENNE</div><div><input type="checkbox"/> 5 - PANEL</div><div><input type="checkbox"/> SHAKER 3 PANEL</div><div><input type="checkbox"/> BIRKDALE 3 PANEL</div></div></div> <div>INTERIOR DOOR HARDWARE: **CIRCLE COLOR** <div><div><input type="checkbox"/> DORIAN LEVER - CHROME / S.N. / VEN. BRNZE.</div><div><input type="checkbox"/> BALBOA LEVER - CHROME / S.N. / VEN. BRNZE.</div><div><input type="checkbox"/> DELTA LEVER - CHROME / S.N. / VEN. BRNZE.</div><div><input type="checkbox"/> TYLO KNOB - CHROME / S.N. / VEN. BRNZE.</div><div><input type="checkbox"/> COVE KNOB - CHROME / S.N. / VEN. BRNZE.</div><div><input type="checkbox"/> POLO KNOB - CHROME / S.N. / VEN. BRNZE.</div></div></div>	<div>KITCHEN CABINET OPTIONS: <div><div><input type="checkbox"/> LEVEL 1 PAINTED CABINETS</div><div><input type="checkbox"/> LEVEL 1 STAINED CABINETS</div><div><input type="checkbox"/> LEVEL 2 PAINTED CABINETS</div><div><input type="checkbox"/> LEVEL 2 STAINED CABINETS</div><div><input type="checkbox"/> 30" UPPER WALL CABINETS</div><div><input type="checkbox"/> 30" & 36" STAGGERED UPPER WALL CABINETS</div><div><input type="checkbox"/> 42" UPPER WALL CABINETS</div><div><input type="checkbox"/> KNOBS</div><div><input type="checkbox"/> PULLS</div><div><input type="checkbox"/> CROWN MOULDING ON UPPER WALL CABINETS</div><div><input type="checkbox"/> SOFT CLOSE CABINET DOORS</div><div><input type="checkbox"/> SOFT CLOSE CABINET DRAWERS</div></div></div> <div>KITCHEN COUNTER TOP OPTIONS: <div><div><input type="checkbox"/> LAMINATE TOPS</div><div><input type="checkbox"/> LEVEL 1 GRANITE</div><div><input type="checkbox"/> LEVEL 2 GRANITE</div><div><input type="checkbox"/> LEVEL 1 QUARTZ</div><div><input type="checkbox"/> LEVEL 2 QUARTZ</div><div><input type="checkbox"/> ADD 4" GRANITE BACKSPLASH</div><div><input type="checkbox"/> ADD 4" QUARTZ BACKSPLASH</div></div></div> <div>KITCHEN SINK OPTION: <div><div><input type="checkbox"/> 8" DEEP 50/50 DROP-IN SINK</div><div><input type="checkbox"/> UNDERMOUNT DEEP 50/50 SINK</div><div><input type="checkbox"/> UNDERMOUNT PLATINUM SINGLE BOWL SINK</div><div><input type="checkbox"/> FARM SINK</div></div></div> <div>KITCHEN FAUCET OPTION: <div><div><input type="checkbox"/> PFIRST SERIES 1 - CHROME</div><div><input type="checkbox"/> PFIRST SERIES 1 - STAINLESS</div><div><input type="checkbox"/> PFIRST SERIES 1 - MATTE BLACK</div><div><input type="checkbox"/> STELLEN 1 - STAINLESS</div><div><input type="checkbox"/> STELLEN 1 - MATTE BLACK</div><div><input type="checkbox"/> STELLEN 1 - BRUSHED GOLD</div><div><input type="checkbox"/> STELLEN TOUCHLESS - CHROME</div><div><input type="checkbox"/> STELLEN TOUCHLESS - STAINLESS</div><div><input type="checkbox"/> STELLEN TOUCHLESS - MATTE BLACK</div><div><input type="checkbox"/> NEERA CULINARY - STAINLESS</div><div><input type="checkbox"/> NEERA CULINARY - GOLD</div><div><input type="checkbox"/> NEERA CULINARY - MATTE BLACK</div><div><input type="checkbox"/> ASARI - CHROME</div><div><input type="checkbox"/> ASARI - STAINLESS</div><div><input type="checkbox"/> ASARI - GOLD</div><div><input type="checkbox"/> ASARI - MATTE BLACK</div></div></div>	<div>MASTER BATH VANITY CABINET OPTIONS: <div><div><input type="checkbox"/> LEVEL 1 PAINTED CABINETS</div><div><input type="checkbox"/> LEVEL 1 STAINED CABINETS</div><div><input type="checkbox"/> LEVEL 2 PAINTED CABINETS</div><div><input type="checkbox"/> LEVEL 2 STAINED CABINETS</div><div><input type="checkbox"/> KNOBS</div><div><input type="checkbox"/> PULLS</div><div><input type="checkbox"/> SOFT CLOSE DOORS</div><div><input type="checkbox"/> SOFT CLOSE DRAWERS</div><div><input type="checkbox"/> RAISED HEIGHT VANITY</div><div><input type="checkbox"/> LAMINATE TOP(S)</div><div><input type="checkbox"/> LEV. 1 GRANITE TOP(S)</div><div><input type="checkbox"/> LEV. 2 GRANITE TOP(S)</div><div><input type="checkbox"/> LEV. 1 QUARTZ TOP(S)</div><div><input type="checkbox"/> LEV. 2 QUARTZ TOP(S)</div><div><input type="checkbox"/> ROUND DROP-IN SINK(S)</div><div><input type="checkbox"/> ROUND UNDERMOUNT SINK(S)</div><div><input type="checkbox"/> RECTANGLE UNDERMOUNT SINK(S)</div></div></div> <div>HALL BATH 1 VANITY CABINET OPTIONS: <div><div><input type="checkbox"/> LEVEL 1 PAINTED CABINETS</div><div><input type="checkbox"/> LEVEL 1 STAINED CABINETS</div><div><input type="checkbox"/> LEVEL 2 PAINTED CABINETS</div><div><input type="checkbox"/> LEVEL 2 STAINED CABINETS</div><div><input type="checkbox"/> KNOBS</div><div><input type="checkbox"/> PULLS</div><div><input type="checkbox"/> SOFT CLOSE DOORS</div><div><input type="checkbox"/> SOFT CLOSE DRAWERS</div><div><input type="checkbox"/> RAISED HEIGHT VANITY</div><div><input type="checkbox"/> LAMINATE TOP(S)</div><div><input type="checkbox"/> LEV. 1 GRANITE TOP(S)</div><div><input type="checkbox"/> LEV. 2 GRANITE TOP(S)</div><div><input type="checkbox"/> LEV. 1 QUARTZ TOP(S)</div><div><input type="checkbox"/> LEV. 2 QUARTZ TOP(S)</div><div><input type="checkbox"/> ROUND DROP-IN SINK(S)</div><div><input type="checkbox"/> ROUND UNDERMOUNT SINK(S)</div><div><input type="checkbox"/> RECTANGLE UNDERMOUNT SINK(S)</div></div></div>	<div>HALL BATH 2 VANITY CABINET OPTIONS CONTINUED: <div><div><input type="checkbox"/> SOFT CLOSE DRAWERS</div><div><input type="checkbox"/> RAISED HEIGHT VANITY</div><div><input type="checkbox"/> LAMINATE TOP(S)</div><div><input type="checkbox"/> LEV. 1 GRANITE TOP(S)</div><div><input type="checkbox"/> LEV. 2 GRANITE TOP(S)</div><div><input type="checkbox"/> LEV. 1 QUARTZ TOP(S)</div><div><input type="checkbox"/> LEV. 2 QUARTZ TOP(S)</div><div><input type="checkbox"/> ROUND DROP-IN SINK(S)</div><div><input type="checkbox"/> ROUND UNDERMOUNT SINK(S)</div><div><input type="checkbox"/> RECTANGLE UNDERMOUNT SINK(S)</div></div></div> <div>GUEST BATH VANITY CABINET OPTIONS: <div><div><input type="checkbox"/> LEVEL 1 PAINTED CABINETS</div><div><input type="checkbox"/> LEVEL 1 STAINED CABINETS</div><div><input type="checkbox"/> LEVEL 2 PAINTED CABINETS</div><div><input type="checkbox"/> LEVEL 2 STAINED CABINETS</div><div><input type="checkbox"/> KNOBS</div><div><input type="checkbox"/> PULLS</div><div><input type="checkbox"/> SOFT CLOSE DOORS</div><div><input type="checkbox"/> SOFT CLOSE DRAWERS</div><div><input type="checkbox"/> RAISED HEIGHT VANITY</div><div><input type="checkbox"/> LAMINATE TOP(S)</div><div><input type="checkbox"/> LEV. 1 GRANITE TOP(S)</div><div><input type="checkbox"/> LEV. 2 GRANITE TOP(S)</div><div><input type="checkbox"/> LEV. 1 QUARTZ TOP(S)</div><div><input type="checkbox"/> LEV. 2 QUARTZ TOP(S)</div><div><input type="checkbox"/> ROUND DROP-IN SINK(S)</div><div><input type="checkbox"/> ROUND UNDERMOUNT SINK(S)</div><div><input type="checkbox"/> RECTANGLE UNDERMOUNT SINK(S)</div></div></div>	<div>ALL STAINLESS LEVEL 2 APPLIANCES <div><div><input type="checkbox"/> 30" RECIRCULATING RANGE HOOD</div><div><input type="checkbox"/> 30" VENTED RANGE HOOD</div><div><input type="checkbox"/> RECIRCULATING MICROWAVE / HOOD</div><div><input type="checkbox"/> VENTED MICROWAVE / HOOD</div></div></div> <div>ALL STAINLESS LEVEL 3 APPLIANCES <div><div><input type="checkbox"/> 30" RECIRCULATING RANGE HOOD</div><div><input type="checkbox"/> 30" VENTED RANGE HOOD</div><div><input type="checkbox"/> RECIRCULATING MICROWAVE / HOOD</div><div><input type="checkbox"/> VENTED MICROWAVE / HOOD</div></div></div> <div>CUSTOMER SUPPLIED APPLIANCES <div><div><input type="checkbox"/> YES</div></div></div>
					PLUMBING HARDWARE
					<div>KITCHEN FAUCET - **CIRCLE COLOR OPTION** <div><div><input type="checkbox"/> PFIRST SERIES 1 (CHROME / S.S. / MATTE BLK.)</div><div><input type="checkbox"/> STELLEN 1 (S.S. / BRSHD.GOLD / MATTE BLK.)</div><div><input type="checkbox"/> NEERA CULINARY (S.S. / GOLD / BLACK)</div><div><input type="checkbox"/> ASARI (CHROME / S.S. / GOLD / BLACK)</div><div><input type="checkbox"/> STELLEN TOUCHLESS (CHROME / S.S. / BLACK)</div></div></div> <div>KITCHEN SINK <div><div><input type="checkbox"/> 8" DEEP DOUBLE BOWL SINK (DROP-IN)</div><div><input type="checkbox"/> UNDERMOUNT DEEP DOUBLE SINK 50/50</div><div><input type="checkbox"/> UNDERMOUNT PLATINUM BOWL</div><div><input type="checkbox"/> FARM SINK</div></div></div> <div>MASTER BATH SINK(S) <div><div><input type="checkbox"/> ROUND DROP-IN</div><div><input type="checkbox"/> ROUND UNDERMOUNT</div><div><input type="checkbox"/> RECTANGLE UNERMOUNT</div></div></div> <div>HALL BATH 1 SINK(S) <div><div><input type="checkbox"/> ROUND DROP-IN</div><div><input type="checkbox"/> ROUND UNDERMOUNT</div><div><input type="checkbox"/> RECTANGLE UNERMOUNT</div></div></div> <div>HALL BATH 2 SINK(S) <div><div><input type="checkbox"/> ROUND DROP-IN</div><div><input type="checkbox"/> ROUND UNDERMOUNT</div><div><input type="checkbox"/> RECTANGLE UNERMOUNT</div></div></div> <div>GUEST BATH SINK(S) <div><div><input type="checkbox"/> ROUND DROP-IN</div><div><input type="checkbox"/> ROUND UNDERMOUNT</div><div><input type="checkbox"/> RECTANGLE UNERMOUNT</div></div></div>

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

Private Provider Plan Review
Completed by Michael Williams
Cases: BU2215, PX4929, BN7822
Related Duly Authorized Representative

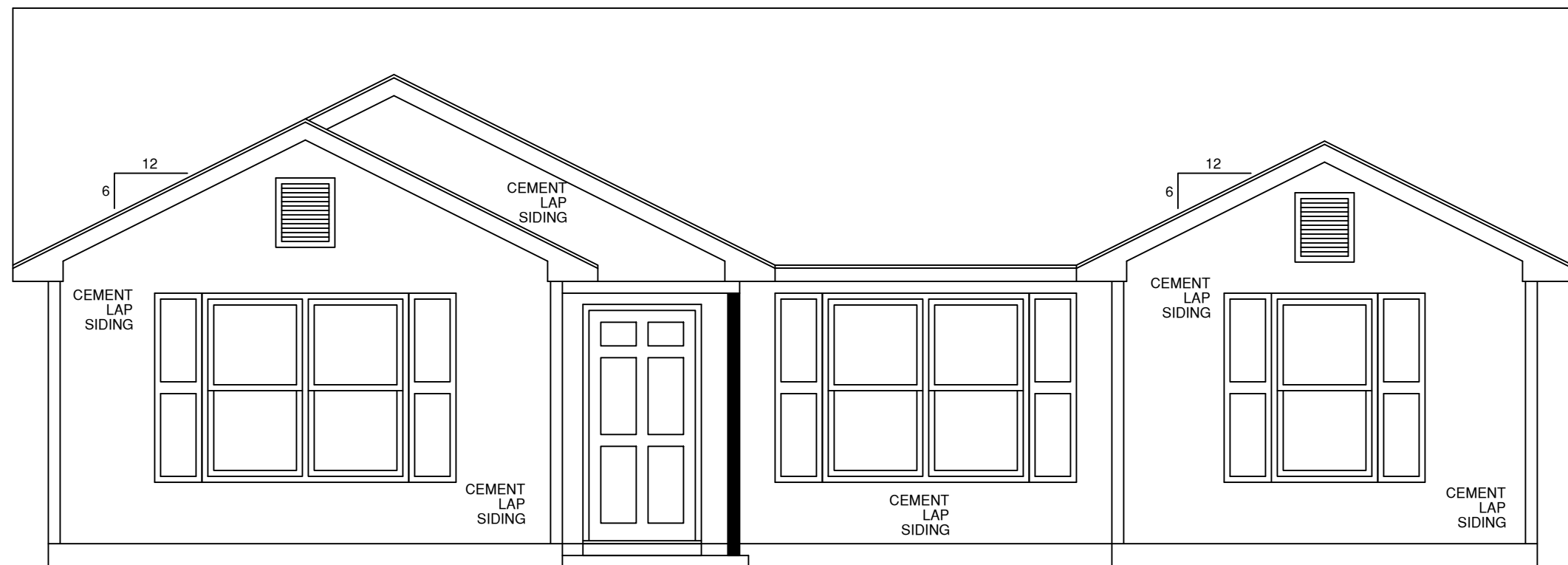


Diagram illustrating the elevation of a building facade, showing the placement of windows and the ridge/vent area.

The facade is divided into sections by vertical lines. The central section features a large rectangular area labeled "RIDGE / OFF-RIDGE VENT(S) AS REQUIRED". Below this section, there are three distinct window types:

- A single window unit labeled "CEMENT LAP SIDING" on the left.
- A double window unit labeled "CEMENT LAP SIDING" in the center.
- A larger double window unit labeled "CEMENT LAP SIDING" on the right.

The diagram uses simple line drawings to represent the windows and the siding. The text "CEMENT LAP SIDING" is repeated under each window unit. The central ridge/vent area is indicated by a horizontal line and the text "RIDGE / OFF-RIDGE VENT(S) AS REQUIRED".

TWS-1 | **TYPICAL WALL SECTION**

PRE-ENGINEERED ROOF TRUSSES @ 24" O.C.

30 YR. ARCHITECTURAL ASPHALT ROOF SHINGLES

SYNTHETIC ROOF FELT

7/16" OSB ROOF SHEATHING

SEE TYPICAL TRUSS CONNECTION PER ENGINEERING

ALUMINUM DRIP EDGE

2x6 SUB FASCIA

6" FASCIA

VENTED SOFFIT

SEE ELEVATION FOR TOP OF WINDOW AND WALL PLATE HEIGHT

4" FIBER CEMENT OR VINYL TRIM

4" FIBER CEMENT OR VINYL TRIM

7/16" CSB OVER VAPOR BARRIER / HOUSE WRAP

SIDING: FIBER CEMENT OR VINYL PER SELECTIONS

EXTERIOR PAINT

12"x8" ANCHOR BOLT

2x4 PT SILL PLATE

6" ± GRADE

SEE ENGINEERING

SEE ENGINEERING

WELL COMPACTED CLEAN FILL

3,000 PSI CONC. MONOLITHIC FOOTER REINF. W/ 2 - #5 REBAR CONTINUOUS

4" 3,000 PSI CONC. SLAB REINF. W/ 3x3 W.W.M.

FINISH FLOORING

1/2" TOP BASEBOARD

WALL INSULATION @ 16" O.C. WITH 2x4 WOOD STUDS

DRYWALL WRAPPED SILL

2x4 WOOD STUDS @ 16" O.C. WITH WALL INSULATION

24" FLAT STRAP

1/2" GYPSUM BOARD

24" Flat Strap SEE DETAIL H-1

(2) 2x4 CONT. TOP PLATE

24" Flat Strap

1/2" GYPSUM CEILING BOARD

INSULATION

30 YR. ARCHITECTURAL ASPHALT ROOF SHINGLES

SYNTHETIC ROOF FELT

7/16" OSB ROOF SHEATHING

PRE-ENGINEERED ROOF TRUSSES @ 24" O.C.

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.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.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 BUILDING CODES TAKE PRECEDENCE OVER DRAWINGS
12. BUILDER TO VERIFY ALL DIMENSIONS

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

JOB # : 12-246
CRUZ-FERNANDEZ

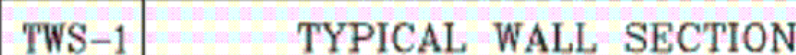


FLORIDA ENGINEERING
161 TAMiami TRAIL, UNIT
PORT CHARLOTTE, FL. 3
PH: (341) 221-5000
FAX: (341) 979-5000

Digitally signed by
Craig E Gunderson
Date: 2024.09.13
12:43:03-04'00'



SCALE 1/4"= 1'-0"



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.O.
4. ALL ANGLES TO BE DRAWN AT 90° OR 45° UNLESS NOTED OTHERWISE
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TOTAL HEATED AND COOLED AREA:	1267
TOTAL UNDER BEAM AREA:	1289

0 SW MERCIFUL PLACE

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



RED DOOR
homes

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 2023 FLORIDA BUILDING CODE, 8TH EDITION. THIS CERTIFICATION DOES NOT PRECLUDE THE DESIGNER'S OBLIGATION TO VERIFY THE DESIGNATION NUMBER OF THE BUILDING CODE. THESE PLANS HAVE BEEN PREPARED IN COMPLIANCE WITH THE 2023 FLORIDA BUILDING CODE, 8TH EDITION WITH SUPPLEMENTS.

Craig E. Gunderson, P.E. #880102 Date: _____

Craig E. Gunderson

No. 80102

STATE OF FLORIDA

PROFESSIONAL ENGINEER

Digitally signed by

Craig E Gunderson

Date:

2024.09.13

12:43:03-04'00'

FLORIDA ENGINEERING, LLC

4801 TAMARAC TRAIL, UNIT 101

PORT CHARLOTTE, FL 33981

PH: (813) 971-9800

FAX: (813) 979-8186

GENERAL J-BOLT PLAN NOTES:

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

Private Provider Plan Review
Completed by Michael Williams
Licenses: BU2215, PX4929, BN7822
Or Associated Duly Authorized Representative



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

PERMIT NUMBER:

HEATH DEPT. NUMBER:

DRAFTING DATES:

PRELIM. : 7/29/2024 JPH

PERM. :

FINAL :

J-Bolt Location Plan

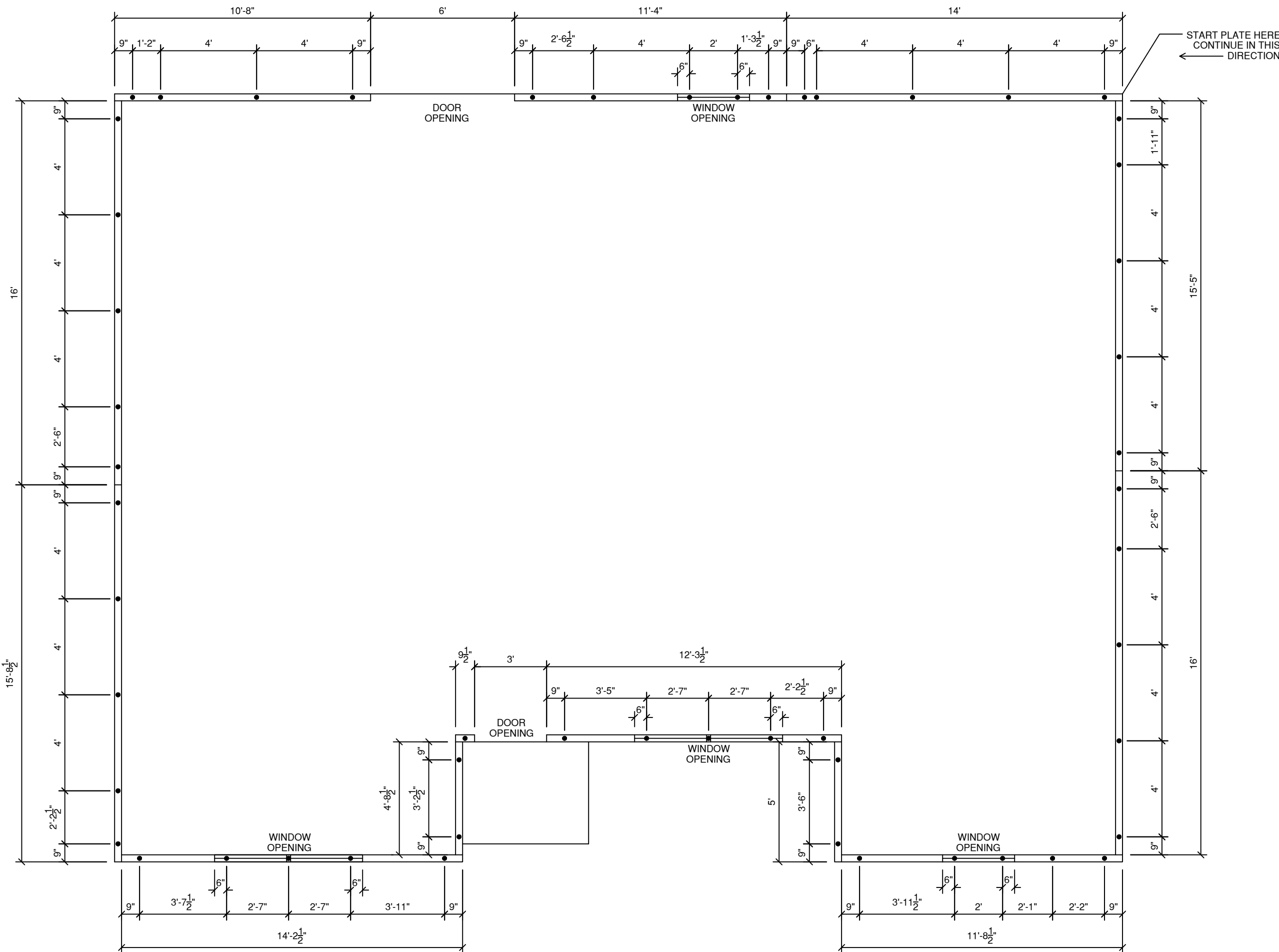
NEWPORT
"CLASSIC"



COPYRIGHT 2022 RED DOOR HOMES, LLC.
LICENSED TO RED DOOR HOMES OF:
NORTH CENTRAL FLORIDA

JOB # : 12-246

CRUZ-FERNANDEZ

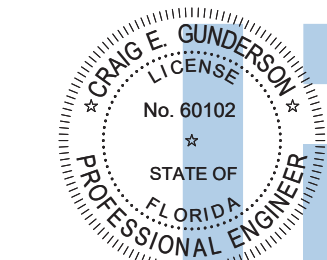


J-BOLT LOCATION PLAN

SCALE 1/4"= 1'-0"

I HEREBY CERTIFY AS THE BUILDING DESIGN ENGINEER OF RECORD, THAT THE BUILDING DESIGN AS SHOWN ON THESE PLANS MEETS ALL REQUIREMENTS, AND THAT NO ACCOMPANIED BY DESIGN AND SUPPORT DOCUMENTS, CONFORM TO THE 2023 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 2023 FLORIDA BUILDING CODE, 6TH EDITION WITH SUPPLEMENTS.

Craig E. Gunderson, P.E. #008102 Date: _____



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Craig E Gunderson
Date:
2024.09.13
12:43:04-04'00'

GENERAL PLUMBING PLAN NOTES:

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

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Completed by Michael Williams
Licenses: BU2215, PX4529, BN7822
Or Associated Duly Authorized Representative



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.

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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 :

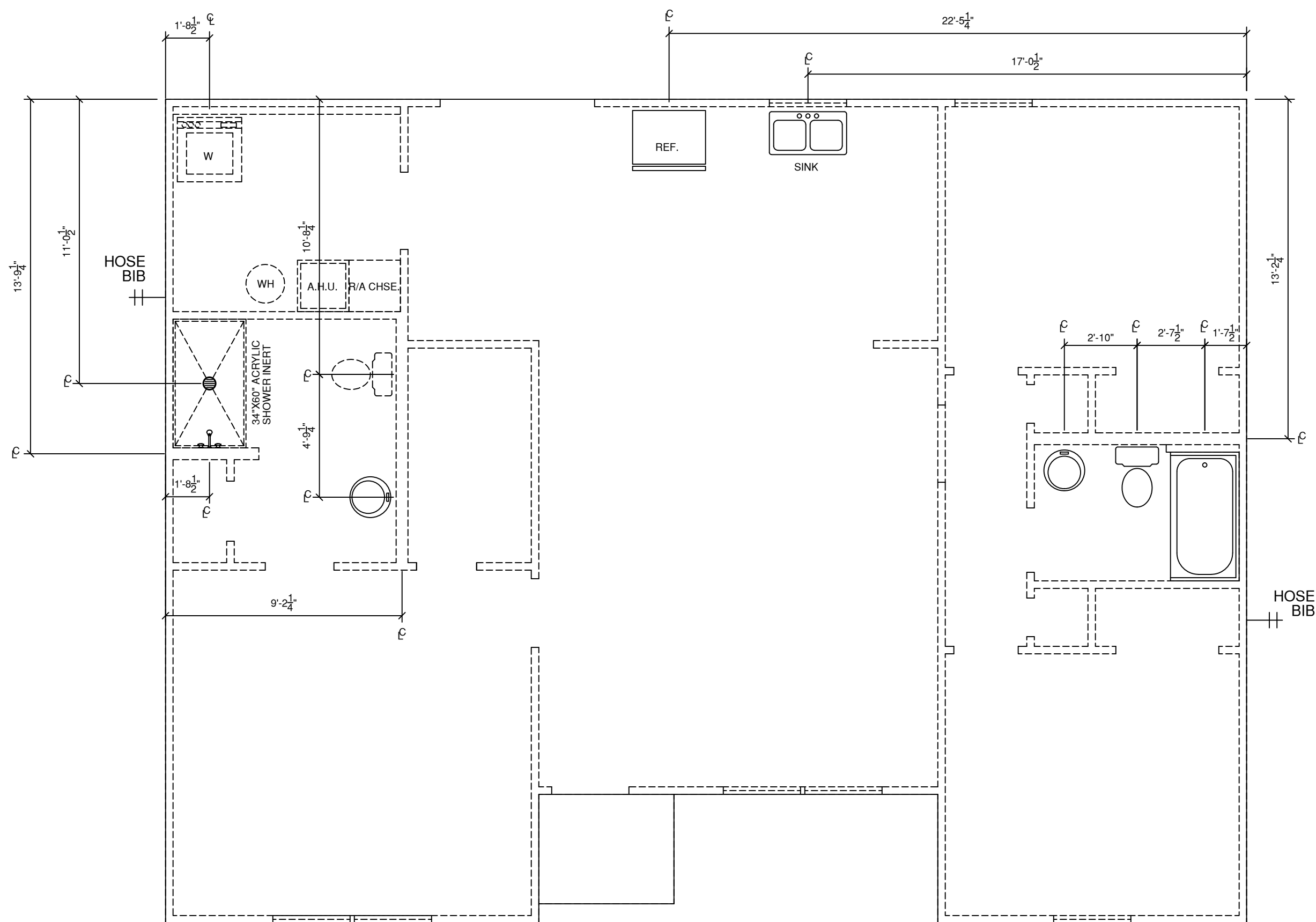
Plumbing Plan

NEWPORT
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JOB # : 12-246
CRUZ-FERNANDEZ



PLUMBING PLAN

SCALE 1/4" = 1'-0"

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FLORIDA ENGINEERING, LLC
4915 TAMARAC PALM, UNIT 101
PORT CHARLOTTE, FL 33682
TEL: 813.343.4840
FAX: 813.373.8199

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Craig E Gunderson
Date: 2024.09.13 12:43:05-04'00'

- 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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FREEDOM
CODE COMPLIANCE

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COUNTY:

COLUMBIA

PERMIT NUMBER:

HEATH DEPT. NUMBER:

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

Main Floor Plan

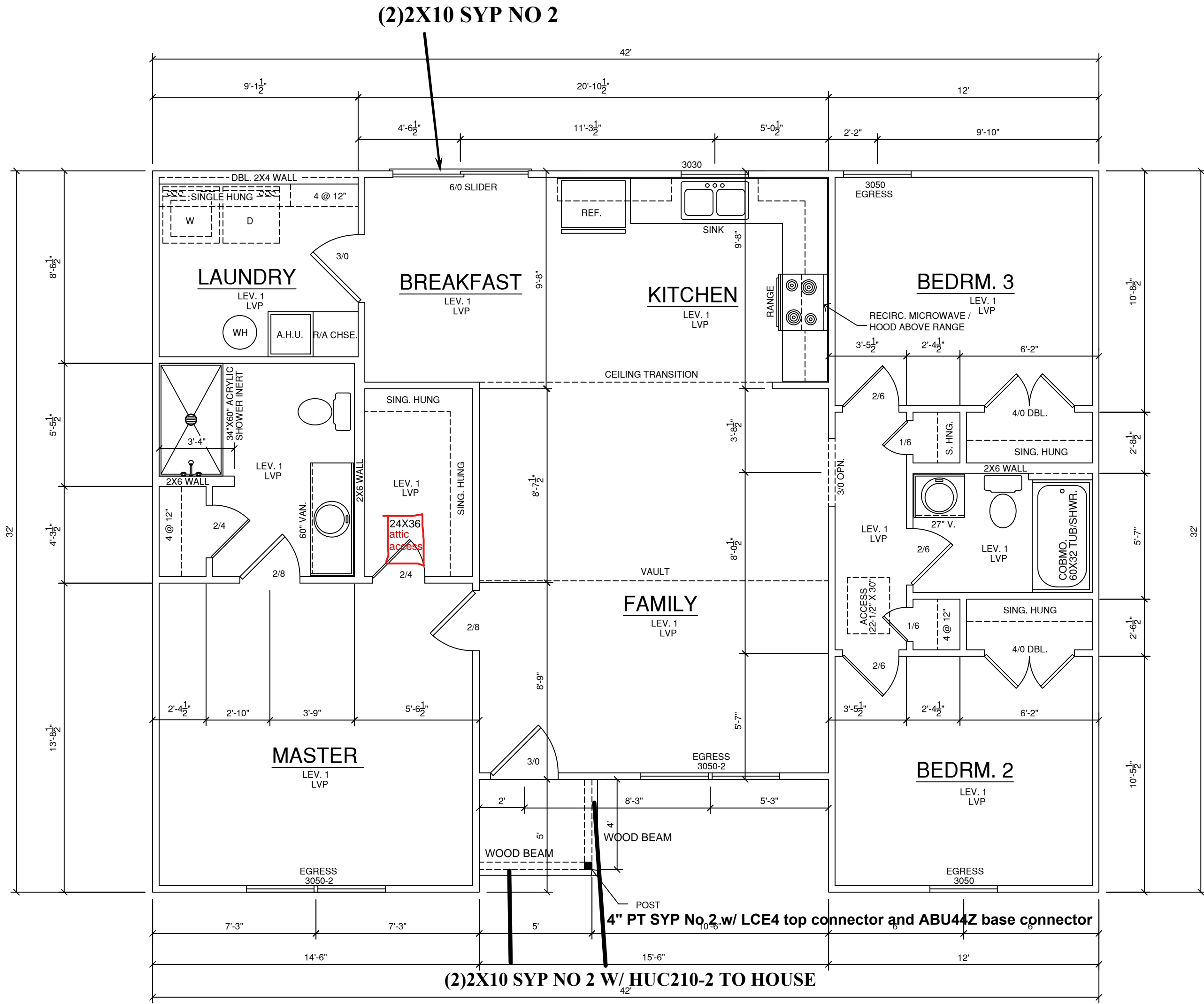
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NORTH CENTRAL FLORIDA

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"

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

FLORIDA ENGINEERING, LLC
4161 TAMARAC TRAIL, UNIT 101
PORT CHARLOTTE, FL 33682
PH: (841) 391-9880
FAX: (841) 979-9199

CRAIG E. GUNDERSON
LICENSE
No. 60102
★
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Digitally signed
by Craig E
Gunderson
Date:
2024.09.13
12:43:06-04'00'

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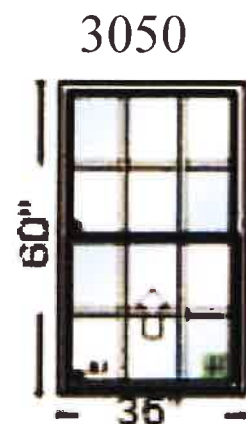
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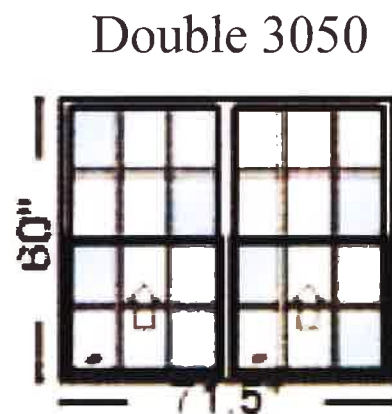
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DETAIL PAGE

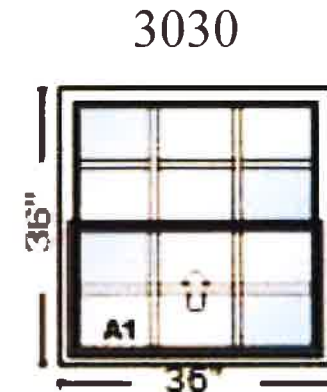
SCALE (TYPICAL)
1/4" = 1'-0"



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

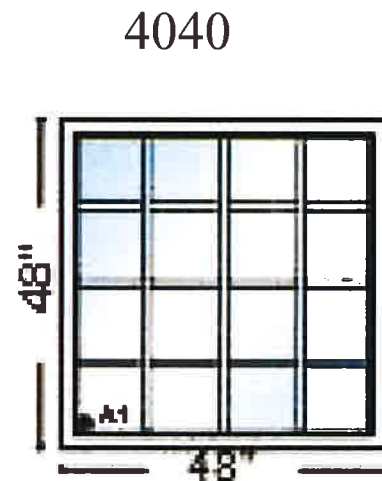


SIZE AND FEATURES
V1, 2900, Twin Single-Hung
Dimension Type = Vinyl Size
Overall Rough Opening = 72" x 60 1/2", Overall Unit = 71 1/2" x 60"
Frame Width = 36, Frame Height = 60, Product Style = Equal Sash
Call Size = 3-0 x 5-0



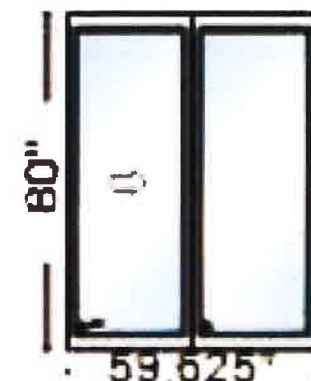
SIZE AND FEATURES
V1, 2900, Single-Hung
Dimension Type = Vinyl Size
Overall Rough Opening = 36 1/2" x 36 1/2", Overall Unit = 36" x 36"
Call Size = 3-0 x, 3-0, Frame Width = 36, Frame Height = 36, Product

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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

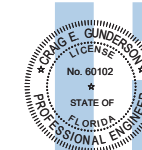


SIZE AND FEATURES
V3, 5800, 2 Panel
Dimension Type = Call Size
Overall Rough Opening = 60 1/8" x 80 1/2", Overall Unit = 59 5/8" x 80"
Call Size = 5-0 x, 6-8, Frame Width = 59.625, Frame Height = 80

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Craig E. Gunderson, P.E. #66102 Date:

FLORIDA ENGINEERING, LLC
4161 TAMARAC TRAIL, UNIT 101
PORT CHARLOTTE, FL 33982
PH: (841) 381-9950
FAX: (841) 879-8196



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DETAIL PAGE

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

PAGE
WD 1

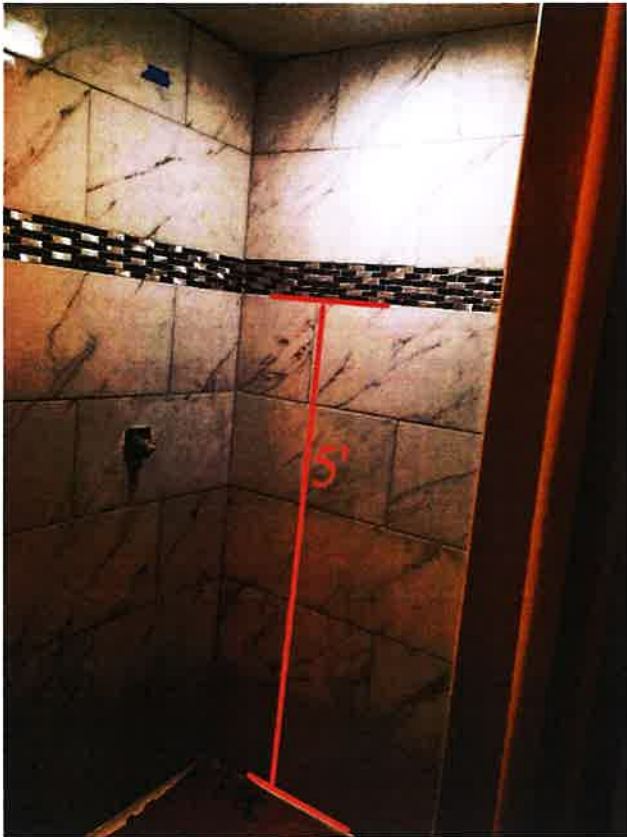
WINDOW



Tub/Shower Horizontal
Tile Detail



Fireplace Tile Detail



Mosaic Band Tile Detail

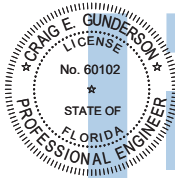


Tub/Shower Vertical
Tile Detail



Shower Tile Detail
With Shelves Heights

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DETAIL PAGE

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

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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.

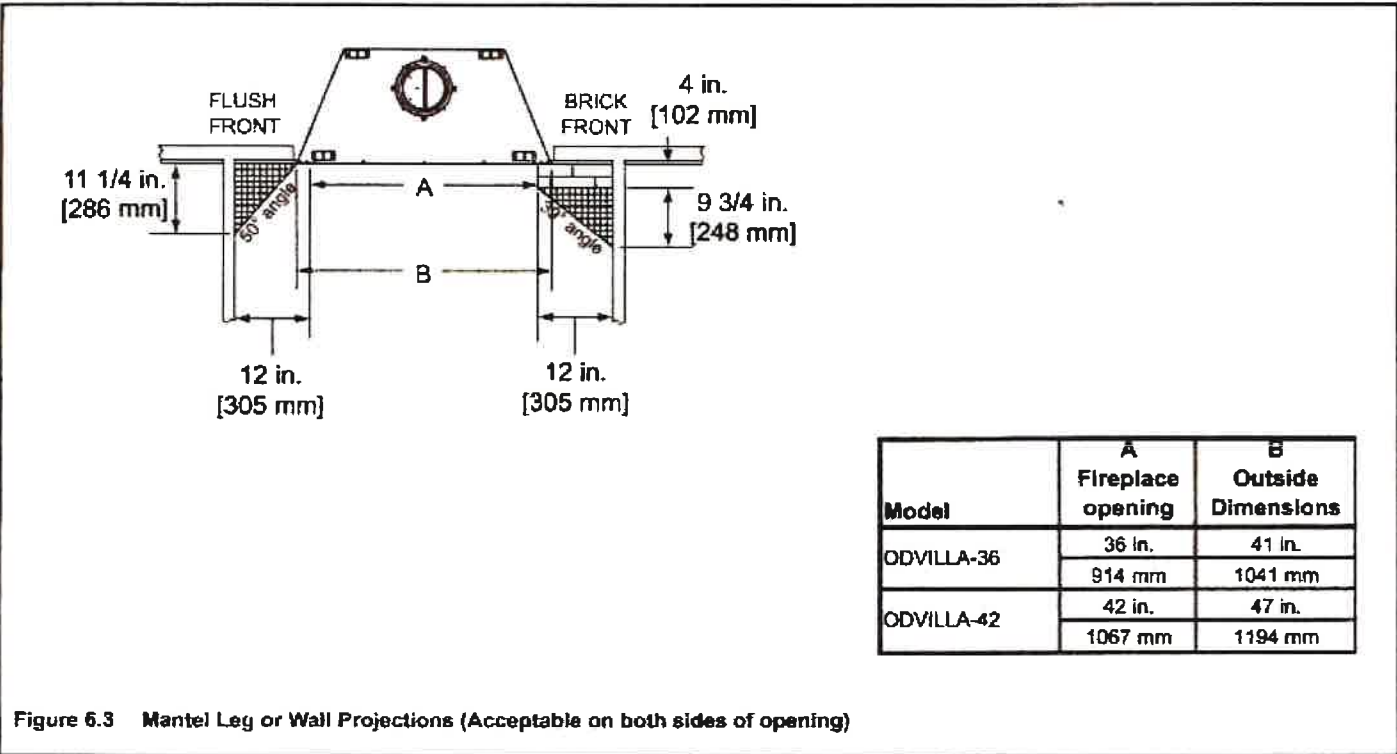


Figure 6.3 Mantel Leg or Wall Projections (Acceptable on both sides of opening)

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.

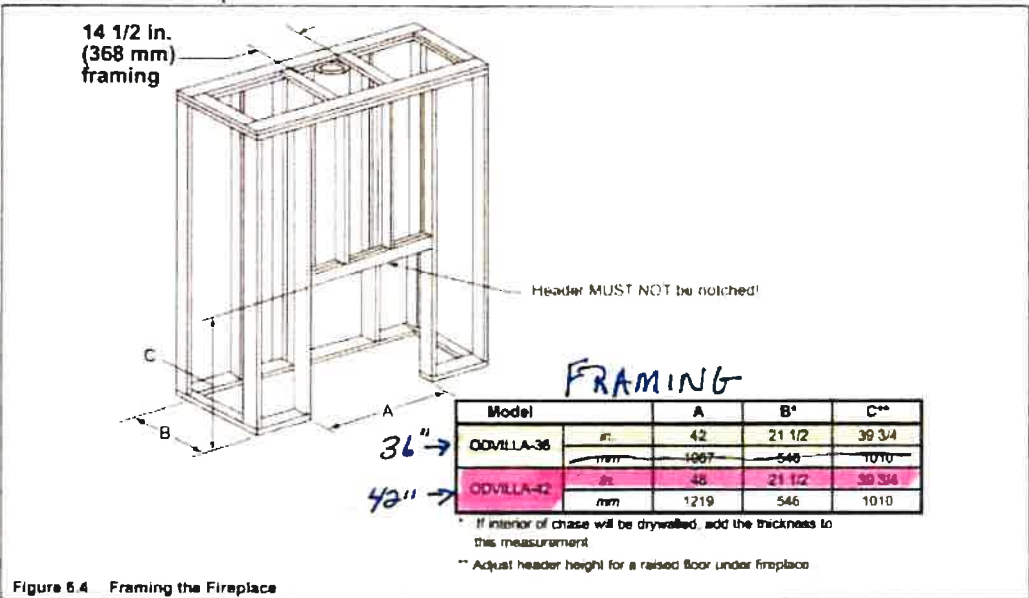
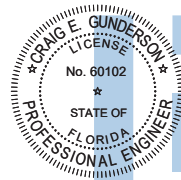


Figure 6.4 Framing the Fireplace



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.

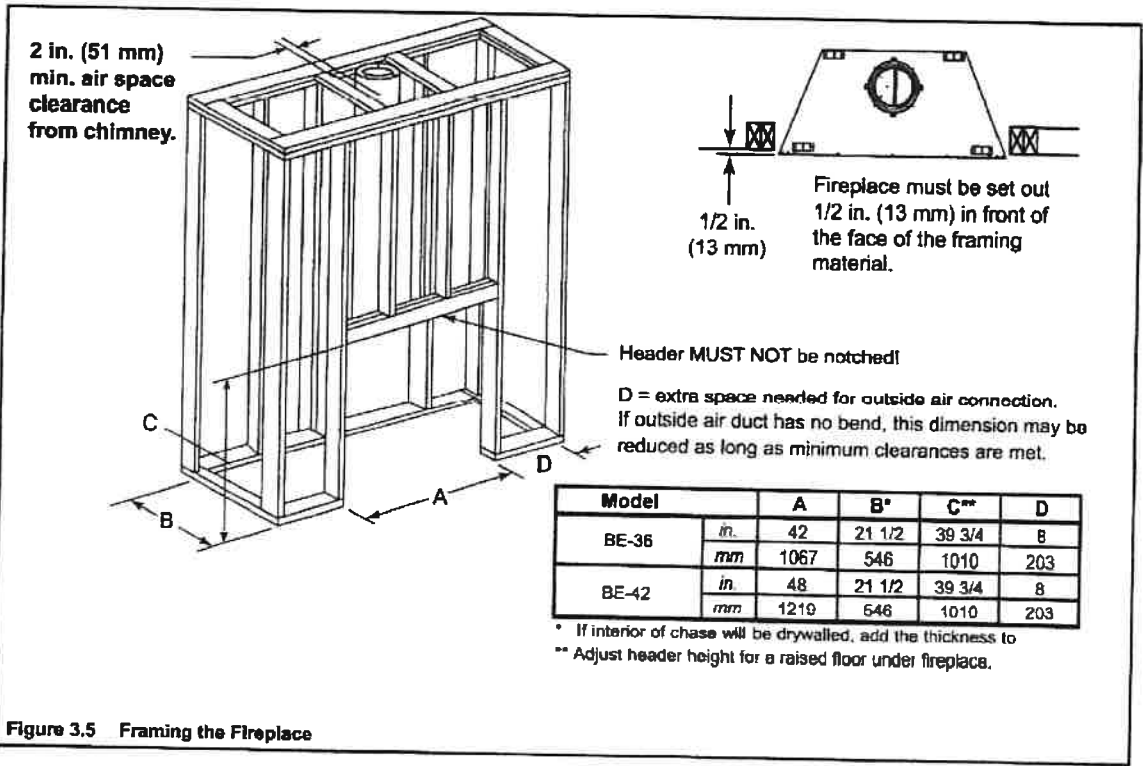
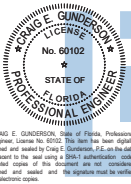


Figure 3.5 Framing the Fireplace

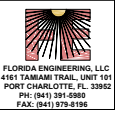
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DETAIL PAGE

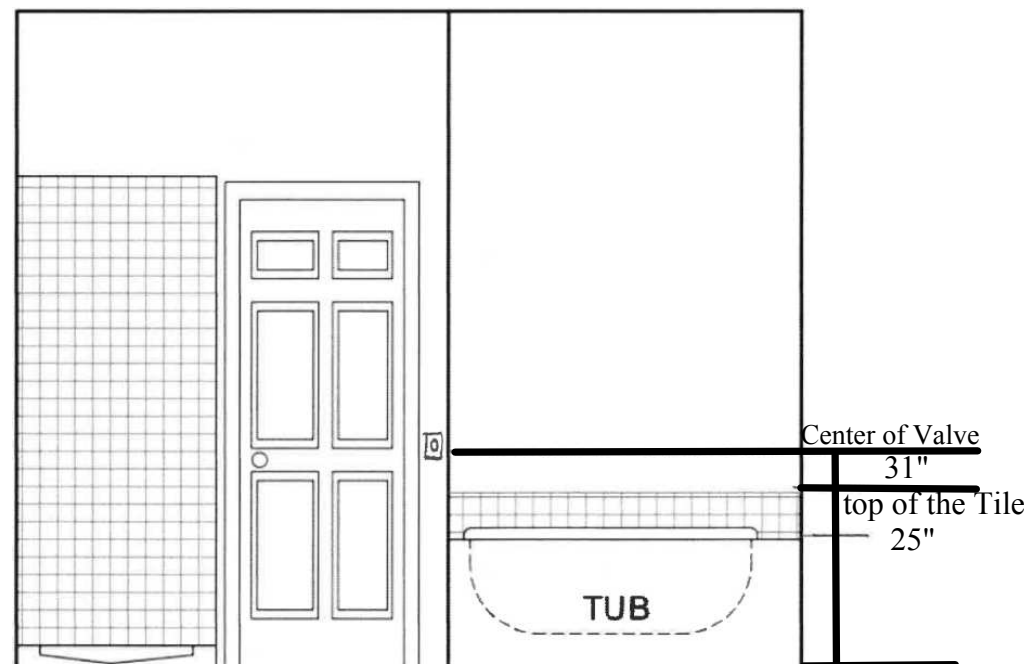
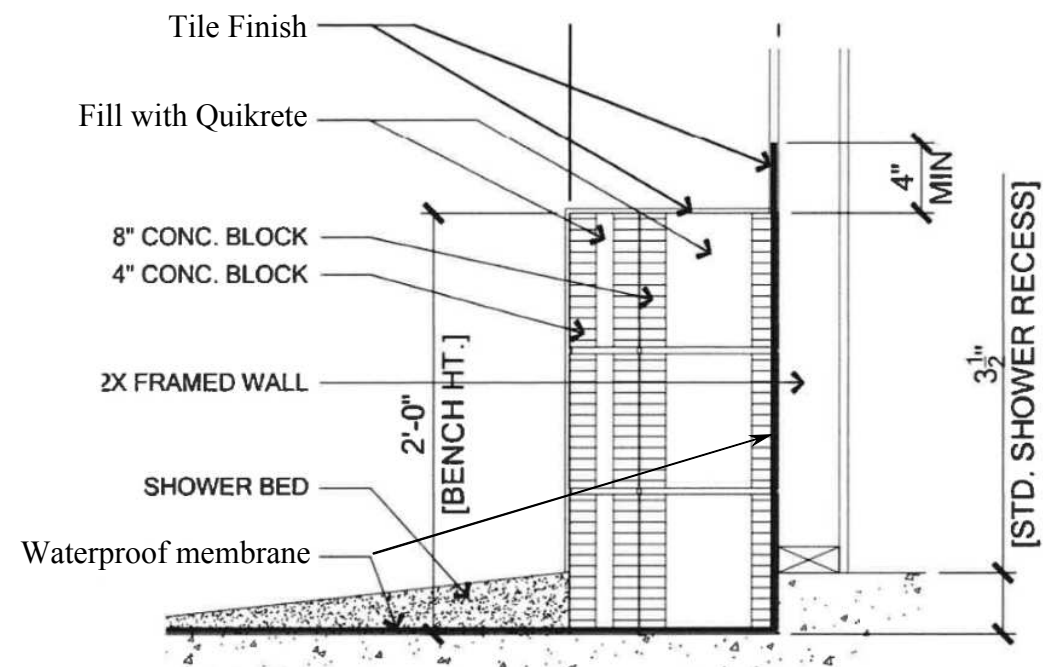
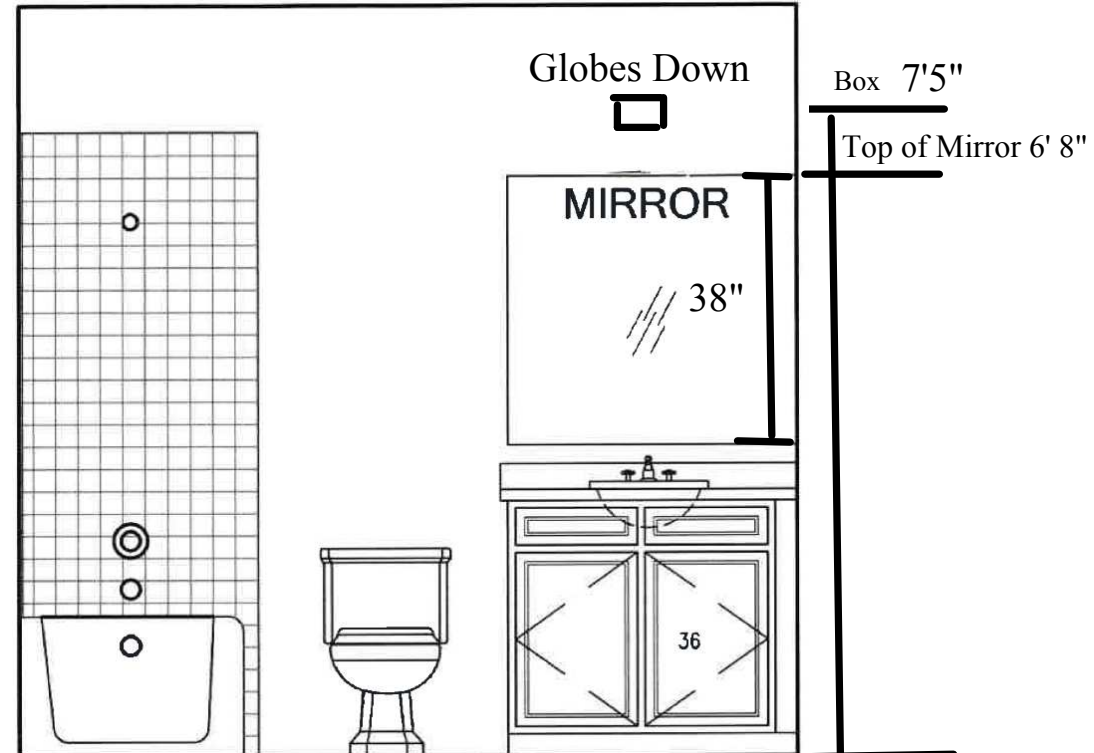
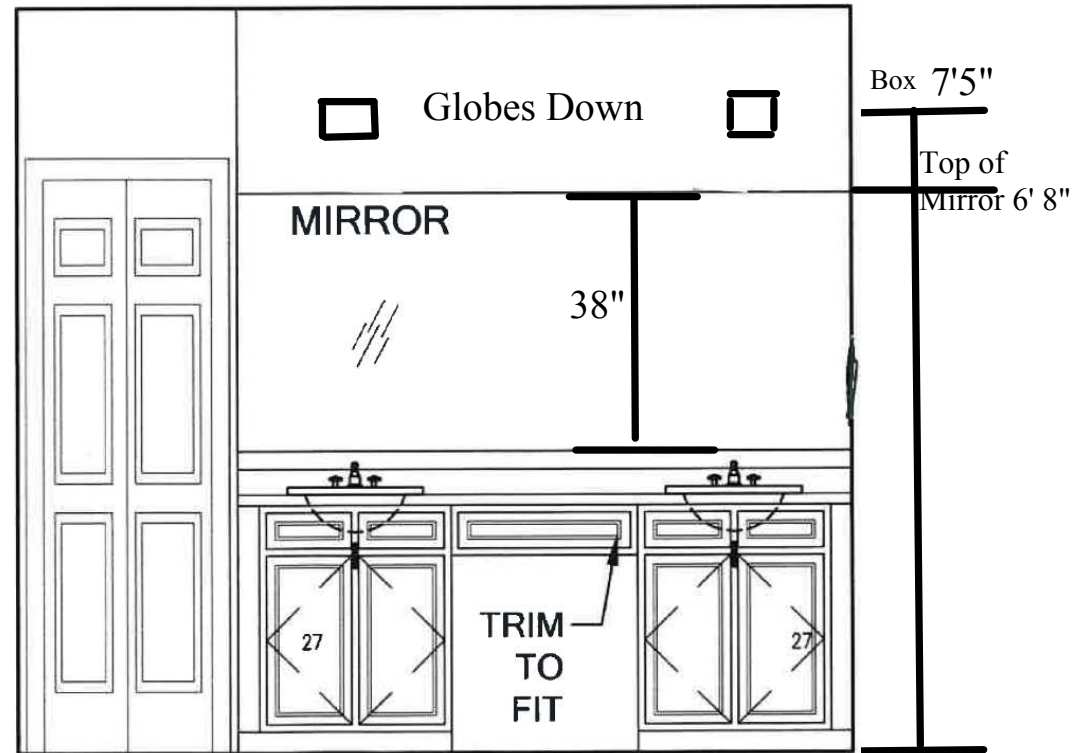
J.S.

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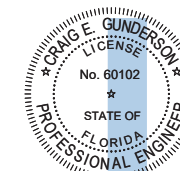
FP2
Fire
Place

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Gunderson
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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.

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 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.

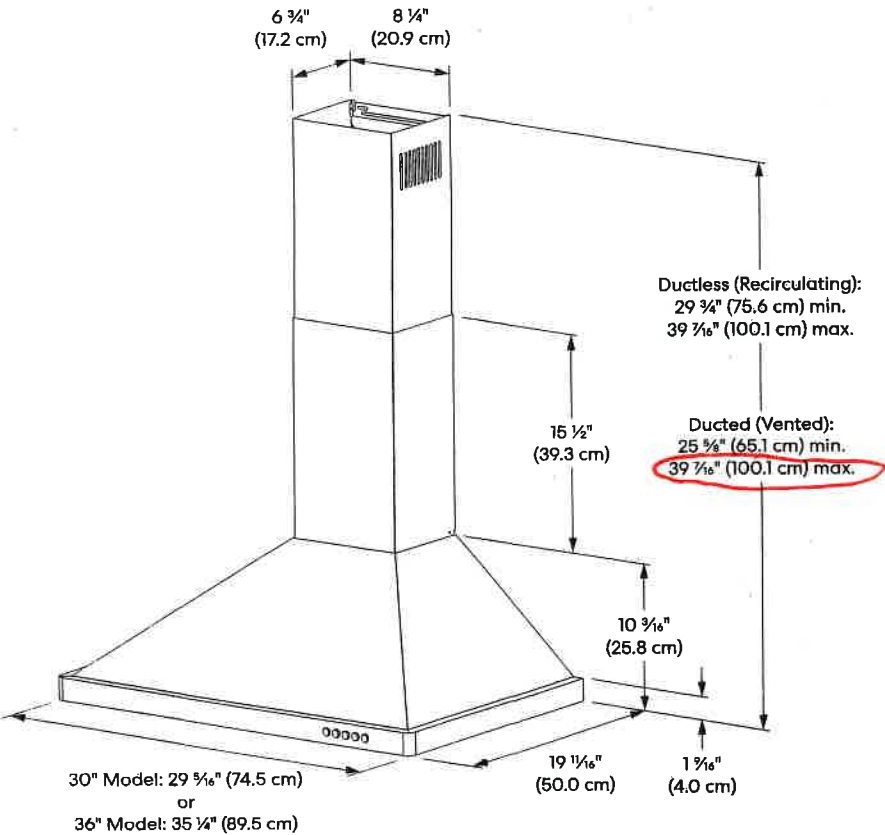


Product Dimensions

631 SERIES

30" Model: COS-63175 / 63175S

36" Model: COS-63190 / 63190S



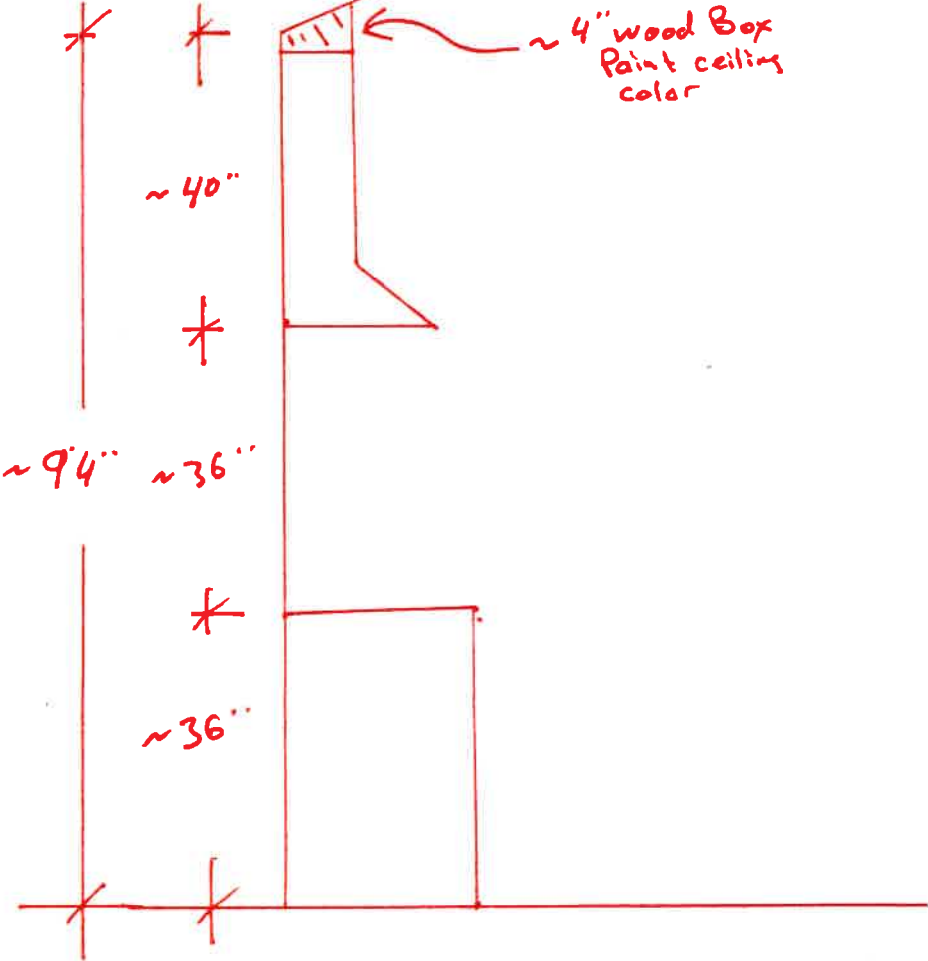
Cabinet Clearances

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:



Digitally signed by
Craig E. Gunderson

Private Provider Plan Review
Completed by Michael Williams
Licenses: BU2215, PX4929, BN7822
Or Associated Duly Authorized Representative



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HEREBY CERTIFY AS THE BUILDING DESIGN ENGINEER OF RECORD, THAT THE BUILDING DESIGN AS SHOWN ON THESE PLANS STRUCTURALLY COMPLIES WITH 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. #000102

DATE: _____

FLORIDA ENGINEERING, LLC
4101 TANNAN TRAIL, UNIT 101
FORT CHARLOTTE, FL 34636
PH: (813) 391-0060
FAX: (813) 375-8108

CRAIG E. GUNDERSON
LICENSE
No. 00102
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Digitally signed
by Craig E
Gunderson
Date:
2024.09.13
12:43:11-04'00'

CRAIG E. GUNDERSON, State of Florida, Professional Engineer, License No. 00102. This item has been digitally signed and sealed by Craig E. Gunderson, P.E., on the date adjacent to the seal using a digital authentication code. Printed copies of this document are not considered signed and sealed until the signature must be verified on electronic copies.

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

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

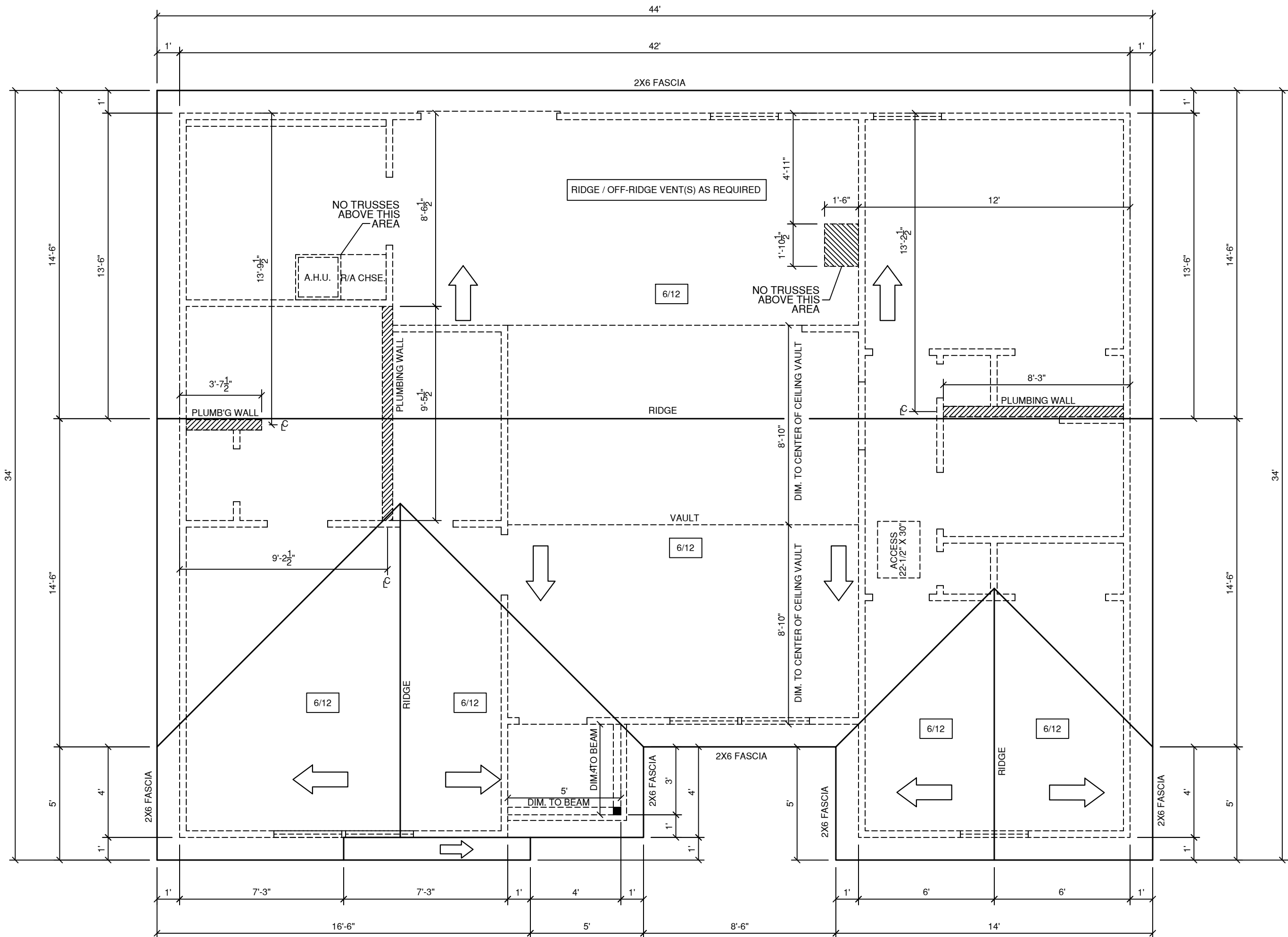
NEWPORT
"CLASSIC"



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NORTH CENTRAL FLORIDA

JOB # : 12-246

CRUZ-FERNANDEZ



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

Attic Vent Calculation

Attic Area: 1267÷300=4.2233

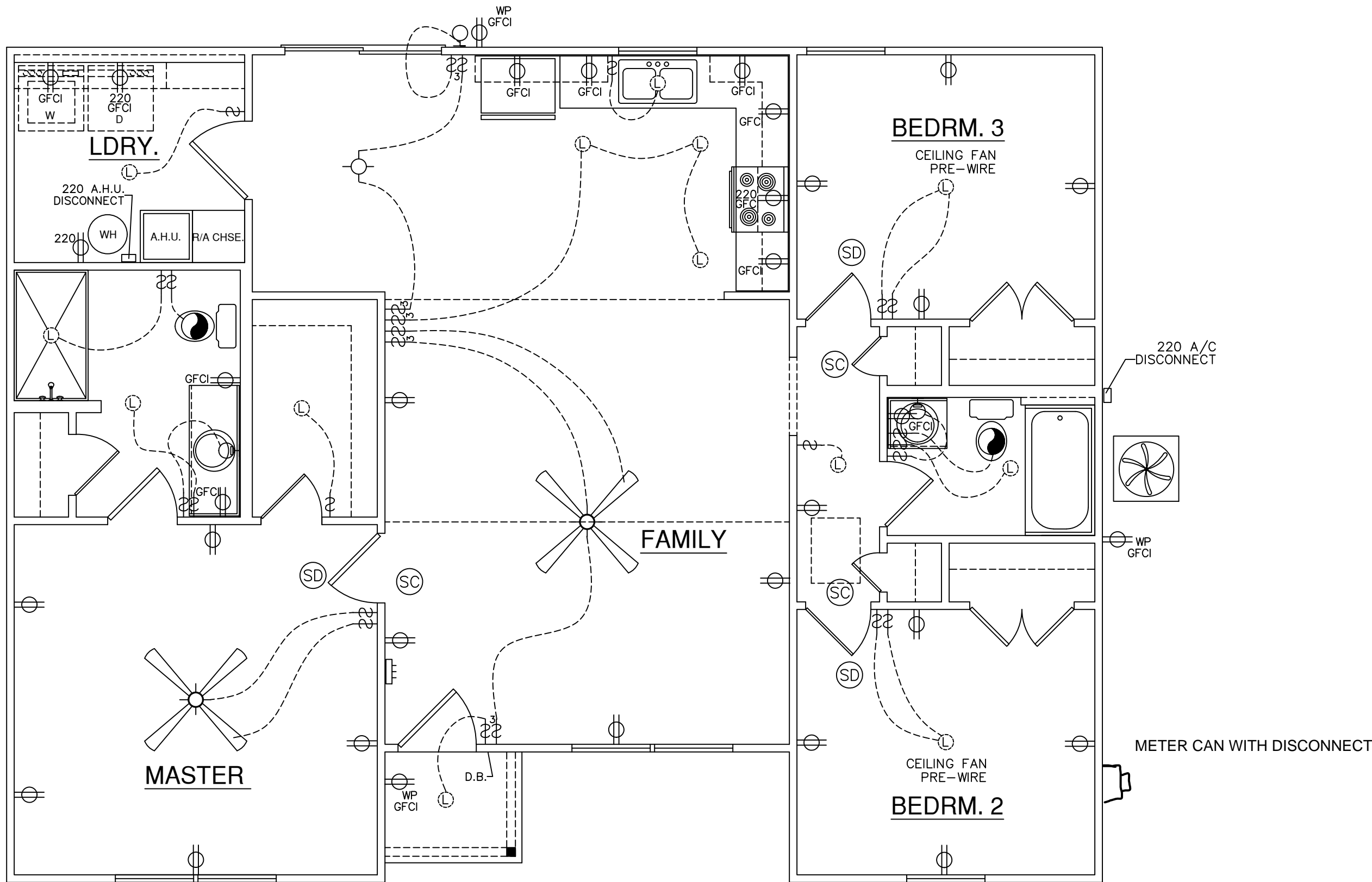
Vent Area Required: 4.2233÷2=2.1117

Locate in upper 1/2: 2.1117÷0.72=2.9329

4 ft off Ridge vents: 3

CRAIG E. GUNDERSON
LICENSE
No. 00102
*
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

Digitally signed
by Craig E
Gunderson
Date:
2024.09.13
12:43:12-04'00'



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

ELECTRICAL LEGEND

	DUPLEX OUTLET
	GROUND FAULT INTERRUPTER OUTLET
	WATER PROOF OUTLET
	220 VOLT OUTLET
	SINGLE POLE SWITCH
	THREE-WAY SWITCH
	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:
- PROVIDE AFCI'S (ARC-FAULT CIRCUIT INTERRUPTERS) COMBINATION TYPE INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUITS IN ALL DWELLING UNITS PER NEC210.12

SWITCHES 42"
OUTLETS 14"
TELEPHONE 14"
TELEVISION 14"

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COLUMBIA

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HEATH DEPT. NUMBER:

DRAFTING DATES:

PRELIM. : 7/29/2024 JPH

PERM. :

FINAL :

Electric Plan

NEWPORT
"CLASSIC"



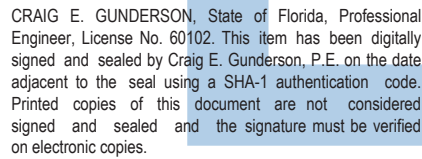
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NORTH CENTRAL FLORIDA

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

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



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

FLORIDA ENGINEERING, LLC
4161 TAMPAH TRAIL, UNIT 101
PORT CHARLOTTE, FL 33952
Ph: (813) 391-9300
Fax: (813) 379-5156

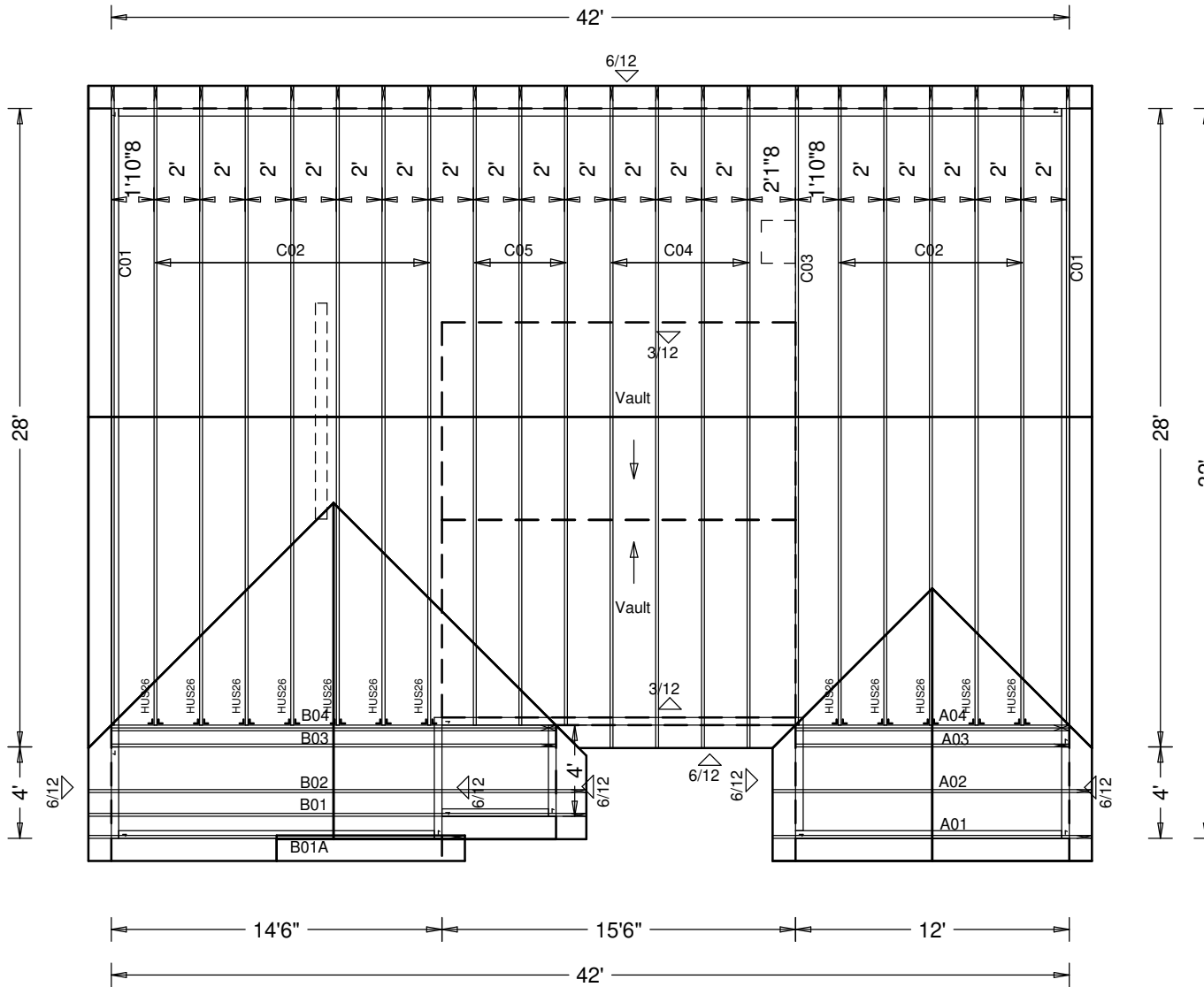
60" VAN.

A side-view diagram of a 60-inch van. A dashed line indicates the location of the front door, which is positioned towards the front of the vehicle.



27" VAN.

JOB # : 12-246
CRUZ-FERNANDEZ



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

Digitally signed
by Craig E
Gunderson
Date:
2024.09.13
12:42:36-04'00'

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
 - 3/4" 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.
 - 2.1. 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
 - 2.2. 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 FPFC 8th EDITION
2021 NFPA 101-LIFE SAFETY CODE

APPLICABLE STANDARDS:

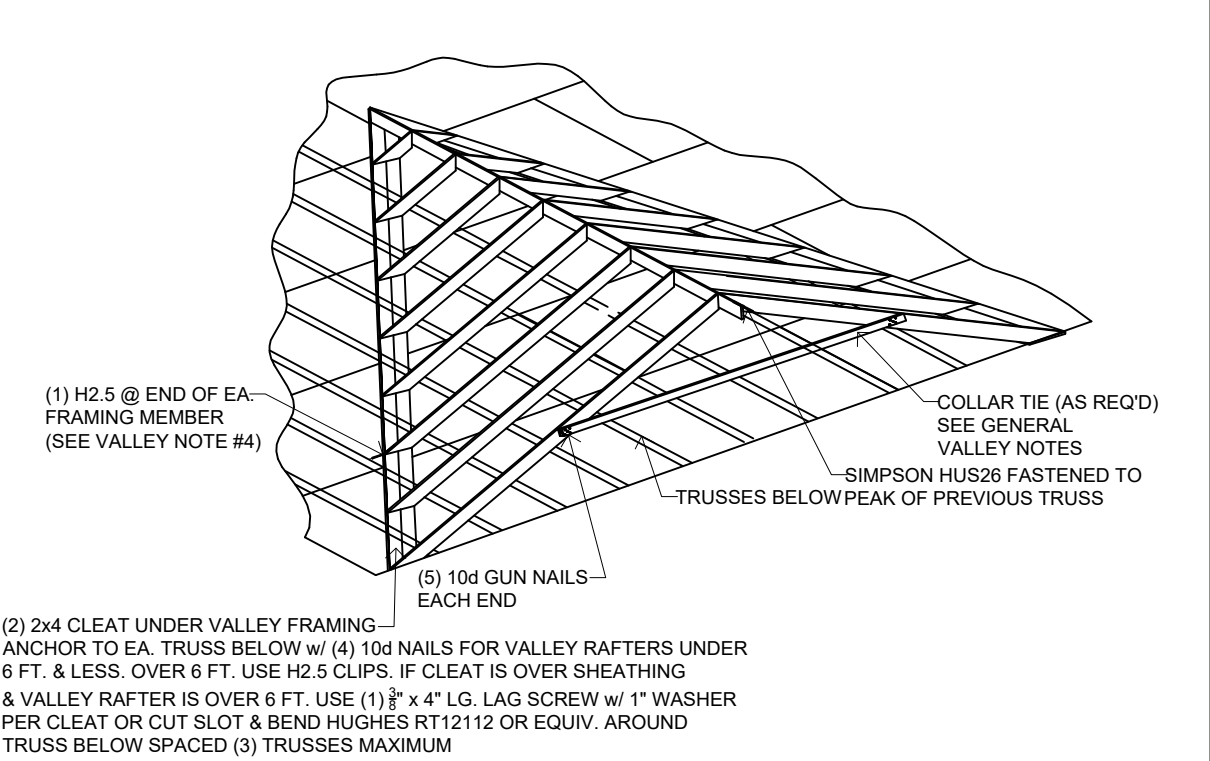
ASCE 7-22: MIN. DESIGN LOADS ON BUILDINGS AND OTHER STRUCTURES
ACI 318-19: BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE
AISC STEEL CONSTRUCTION MANUAL (LATEST EDITION)
TMS 402/602-16: BUILDING CODE REQUIREMENTS AND SPECIFICATIONS FOR MASONRY STRUCTURES
AWC 2018 NATIONAL DESIGN SPECIFICATION FOR 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:

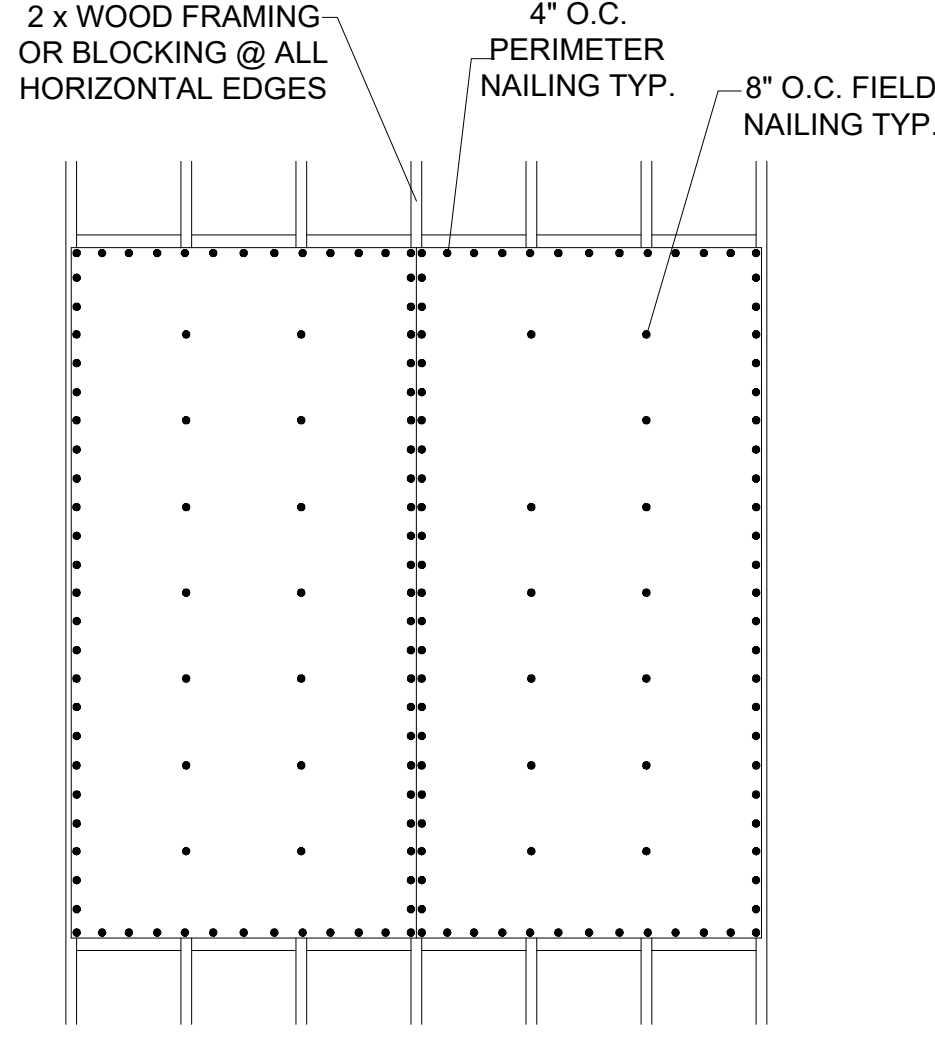
TRUSS TO MASONRY w/ UPLIFT UP TO 1,810# USE (1) SIMPSON HETA20 OR EQ. U.N.O.
TRUSS TO MASONRY w/ UPLIFT FROM 1,811# TO 2,365# USE (2) SIMPSON HETA20 OR EQ. U.N.O.
GIRDER TO MASONRY USE (2) SIMPSON HETA20 OR EQ. UNLESS NOTED OTHERWISE
TRUSS TO WOOD w/ UPLIFT UP TO 1,310# USE (1) SIMPSON HTS20 OR EQ. U.N.O.
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:

1. RAFTERS TO BE 2x4 SPACED 24" O.C. UP TO 8 FT., USE 2x6 UP TO 12 FT.
2. RAFTER LENGTHS (FROM RIDGE TO CLEAT) OVER 12'-0" TO HAVE 2x4 COLLAR
3. TIE OR KICKER @ 1/3 RAFTER SPAN (UP TO 24 FT. MAX. RAFTER LENGTH)
4. RIDGE BOARD SHALL BE 2x6 MIN. OR 2x4 RAFTERS & 2x8 MIN. FOR 2x6 RAFTERS.
5. ATTACH RAFTERS 4 FT. OR LONGER TO RIDGE BOARD & CLEAT USING (1) SIMPSON H2.5 CONNECTOR, NAILED W/ (8) 8d & ALL OTHERS TOE-NAIL W/ 10d.



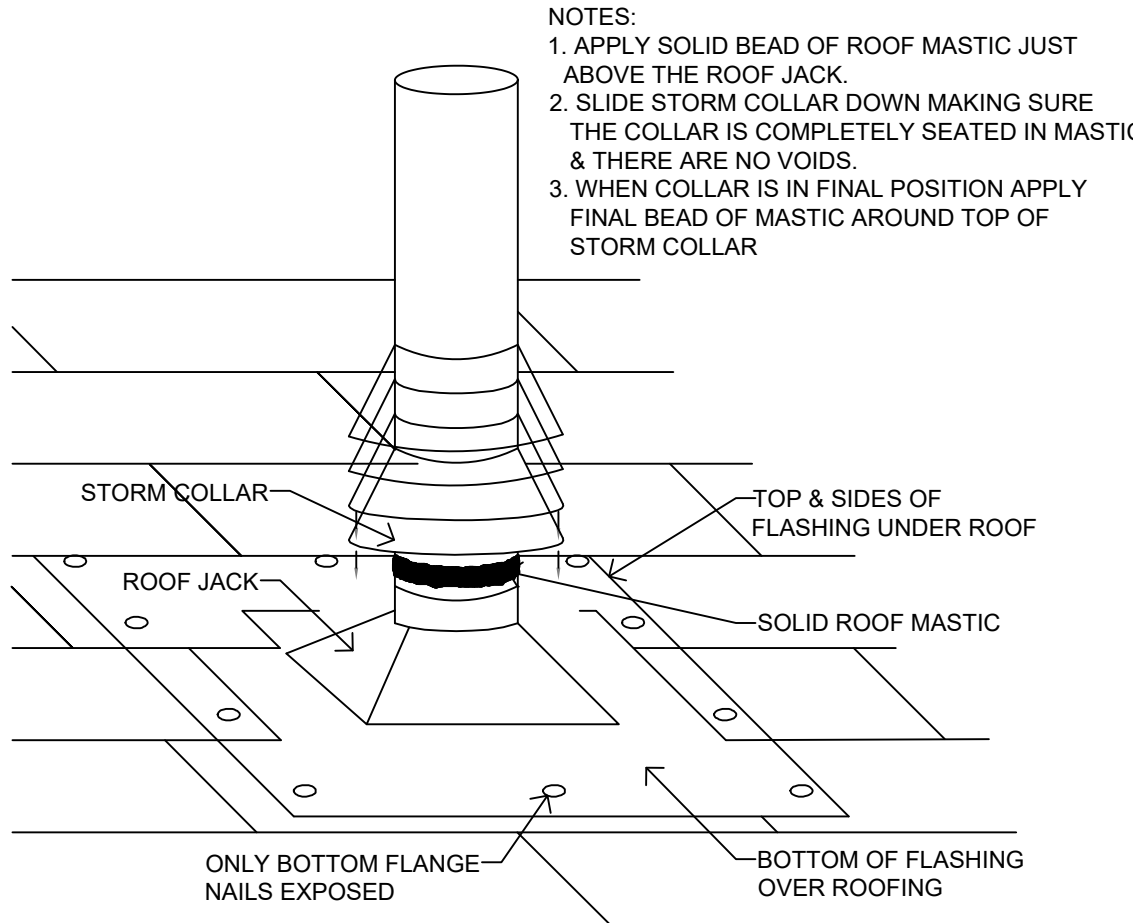
VALLEY FRAMING DETAIL
SCALE: N.T.S.



1. PROVIDE MIN. 7/16" SHEATHING w/ 8d COMMON NAILS @ 4" & 8" SPACING.
2. SHEATHING SHALL BE INSTALLED W/ FACE GRAIN PARALLEL TO STUDS.
3. ALL HORIZONTAL JOINTS SHALL BE INSTALLED OVER FRAMING OR BLOCKING.
4. SINGLE STORY APPLICATION: SHEATHING SHALL BE ATTACHED TO BOTTOM PLATE & TOP MEMBER OF DOUBLE TOP PLATE.

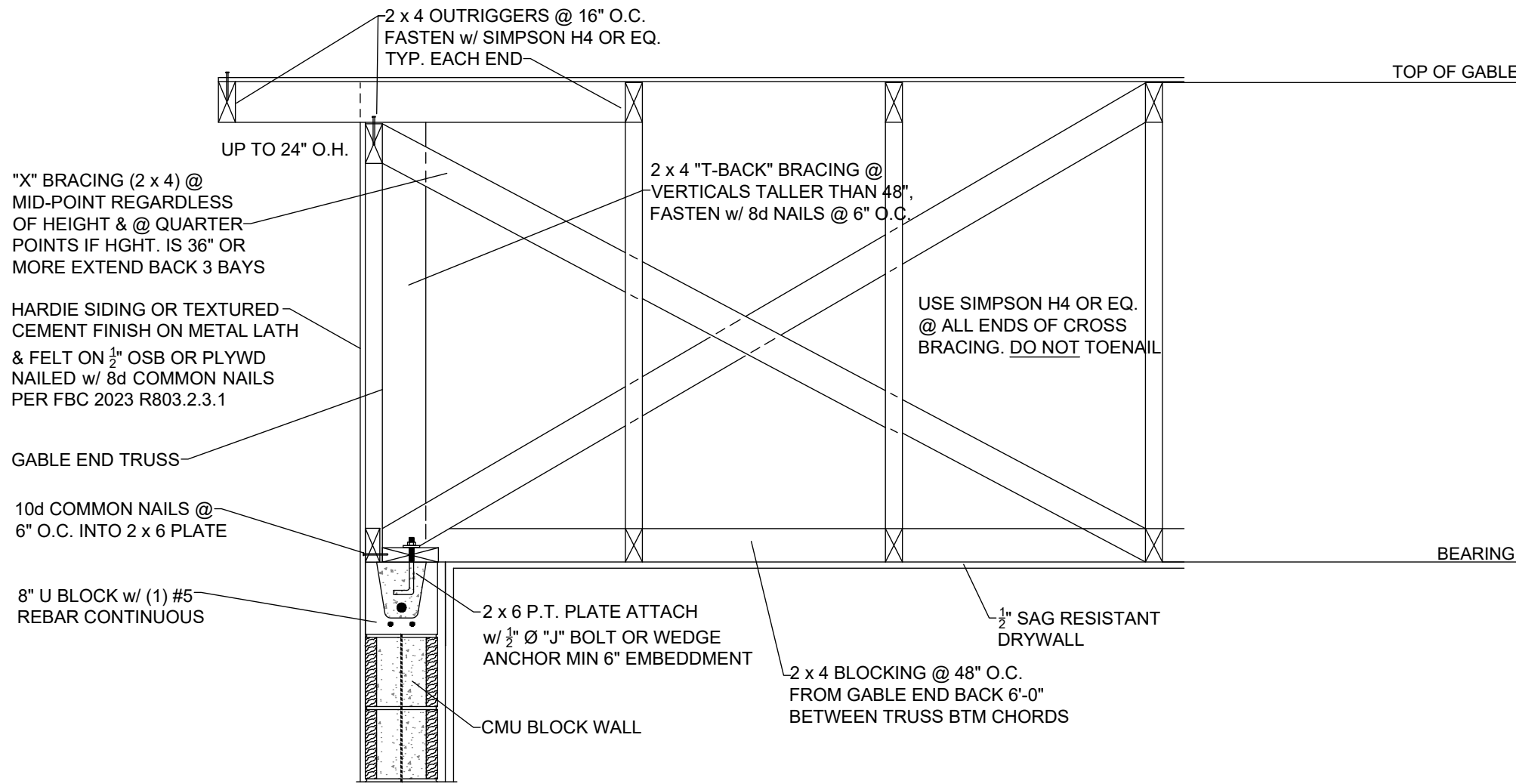
NOTE:
WALL SHEATHING TO BE USED AS SHEAR WALL & UPLIFT RESISTANCE.
SEE FLOOR PLANS FOR SHEAR WALL SEGMENT ANCHOR REQUIREMENTS.

TYPE II WALL SHEATHING
NAILING REQUIREMENTS
SCALE: N.T.S.



VENT PIPE PENETRATION
SCALE: N.T.S.

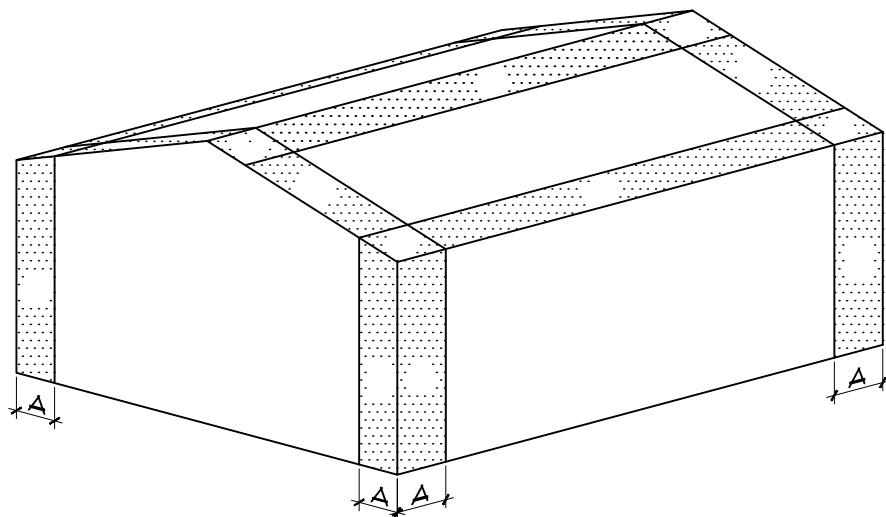
ALL STRUCTURAL LUMBER TO BE SYP NO 2 OR BETTER



GABLE END CONNECTION
N.T.S.

ROOF PLAN NOTES

1. 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.
2. 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.
3. 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.

1. RIDGE VENT & OFF RIDGE VENTS ARE TO BE INSTALLED TO MANUFACTURER'S SPECIFICATIONS WITH 2x4 BLOCKING BETWEEN TRUSSES AT EACH SIDE OF VENT.
2. BLOCKING NAILED W/ (2) 16d NAILS AT EACH END, EACH PIECE TYPICAL
3. OFF RIDGE VENT INSTALLED A MINIMUM OF 12" FROM ROOF PEAK
4. 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 RSR3-03 (21/2" x 0.131" x 0.281 HEAD DIAMETER) NAILS EXCEPT THAT ASTM F1667 RSR3-01 (23/8" x 0.113") NAILS OR ASTM F1667 RSR3-04 (3" x 0.120" x 0.281 HEAD DIAMETER) NAILS SHALL BE PERMITTED WHERE SHEATHING THICKNESS IS 15/32 INCHES AND LESS. RSR3-01, RSR3-03 AND RSR3-04 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	4	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

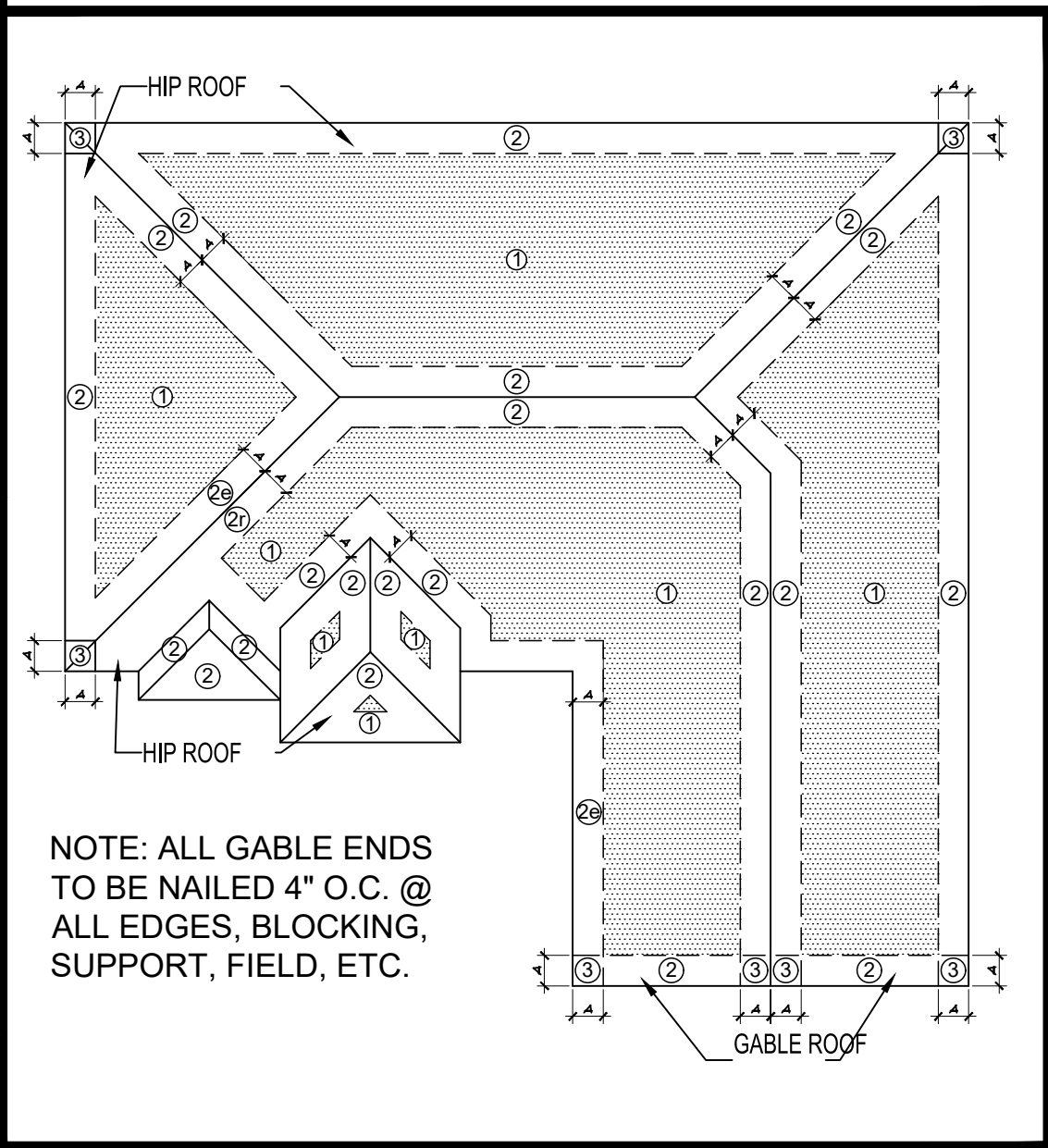
E = NAIL SPACING ALONG PANEL EDGES (INCHES)

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

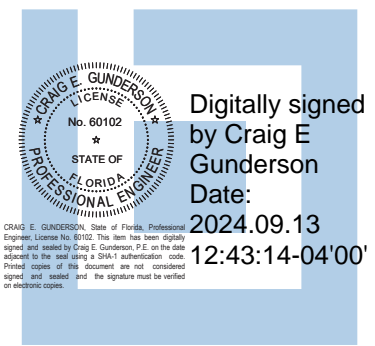
A. FOR SHEATHING LOCATED A MINIMUM OF 4 FEET FROM THE PERIMETER EDGE OF THE ROOF, INCLUDING 4 FEET ON EACH SIDE OF RIDGES AND HIPS, NAIL SPACING IS PERMITTED TO BE 6 INCHES ON CENTER ALONG PANEL EDGES AND 6 INCHES ON CENTER ALONG INTERMEDIATE SUPPORTS IN THE PANEL FIELD.

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

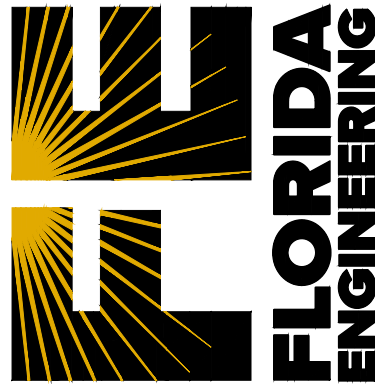


Private Provider Plan Review
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I HEREBY CERTIFY AS THE BUILDING DESIGN ENGINEER OF RECORD THAT THE DESIGN AND DETAILS ON THIS PLAN AND AS ACCOMPANIED BY DESIGN & SUPPORT DOCUMENTS HAVE BEEN PREPARED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE. THE CERTIFICATION DOES NOT MAKE THE ROOF TRUSS COMPONENTS OF WHICH THE TRUSS DESIGN ENGINEER IS THE DESIGNER RESPONSIBLE FOR THE DESIGN OF THE TRUSS SYSTEM. THIS PLAN HAS 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:

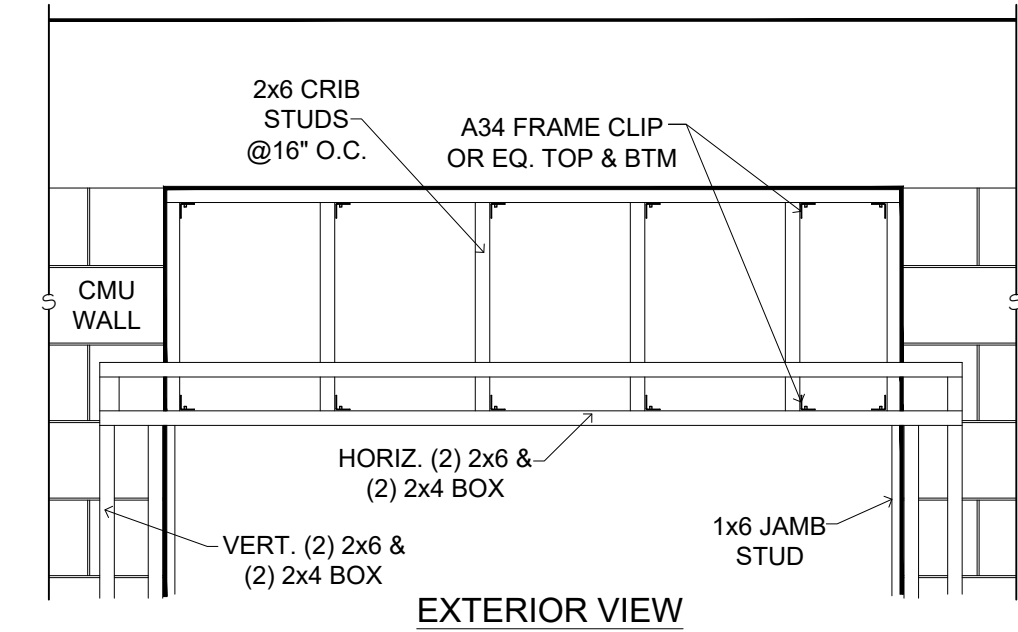
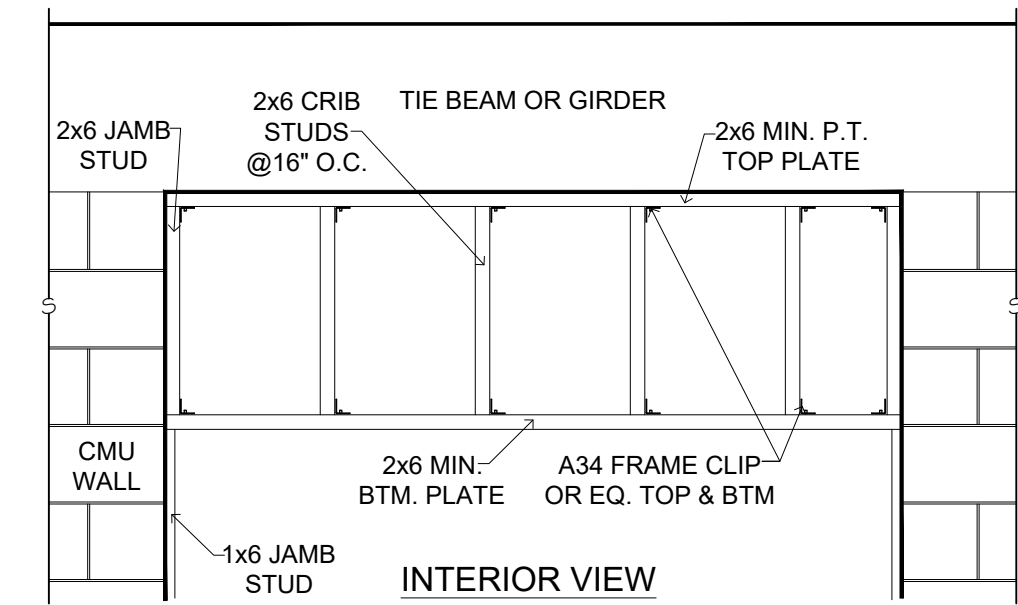
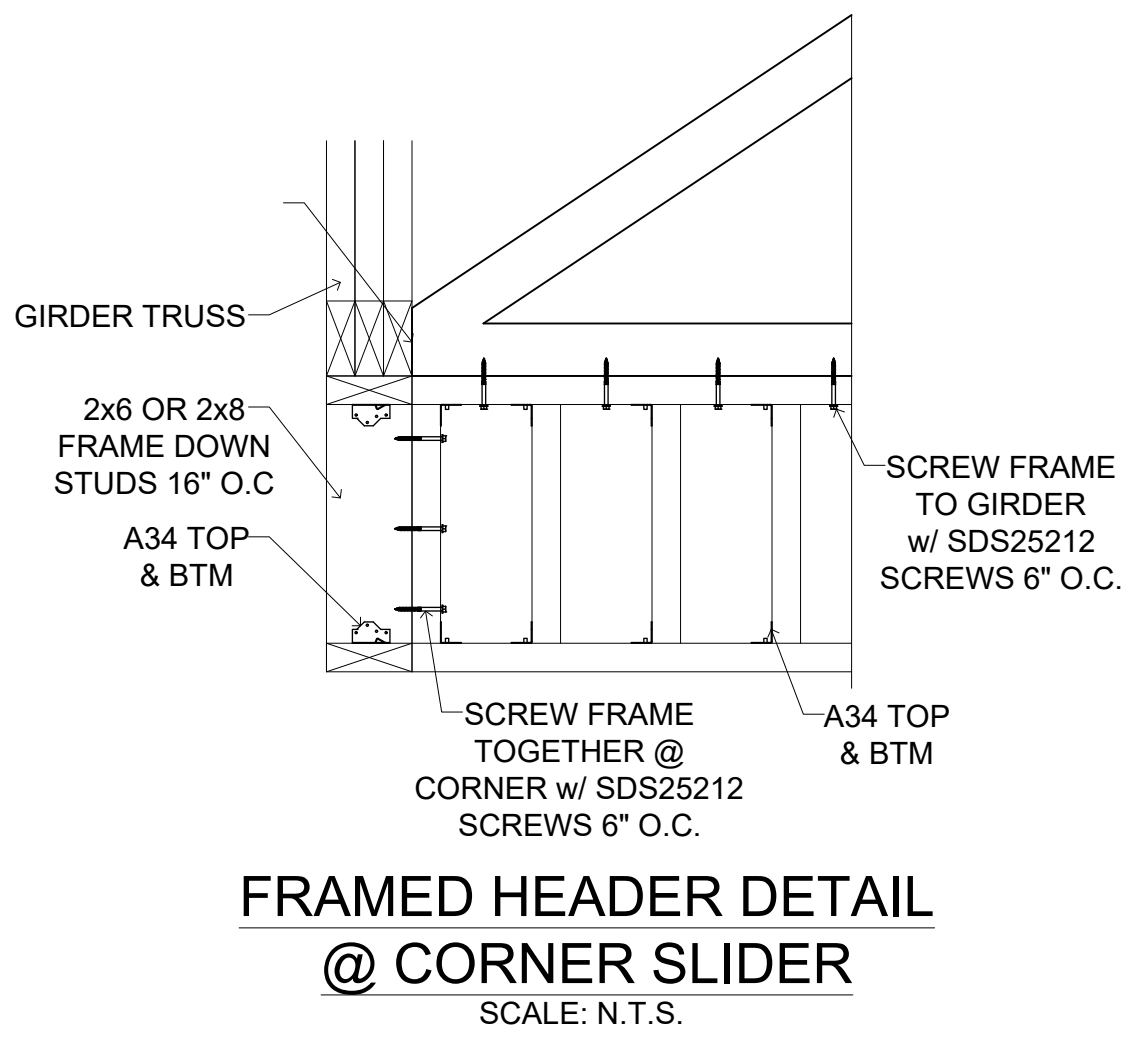
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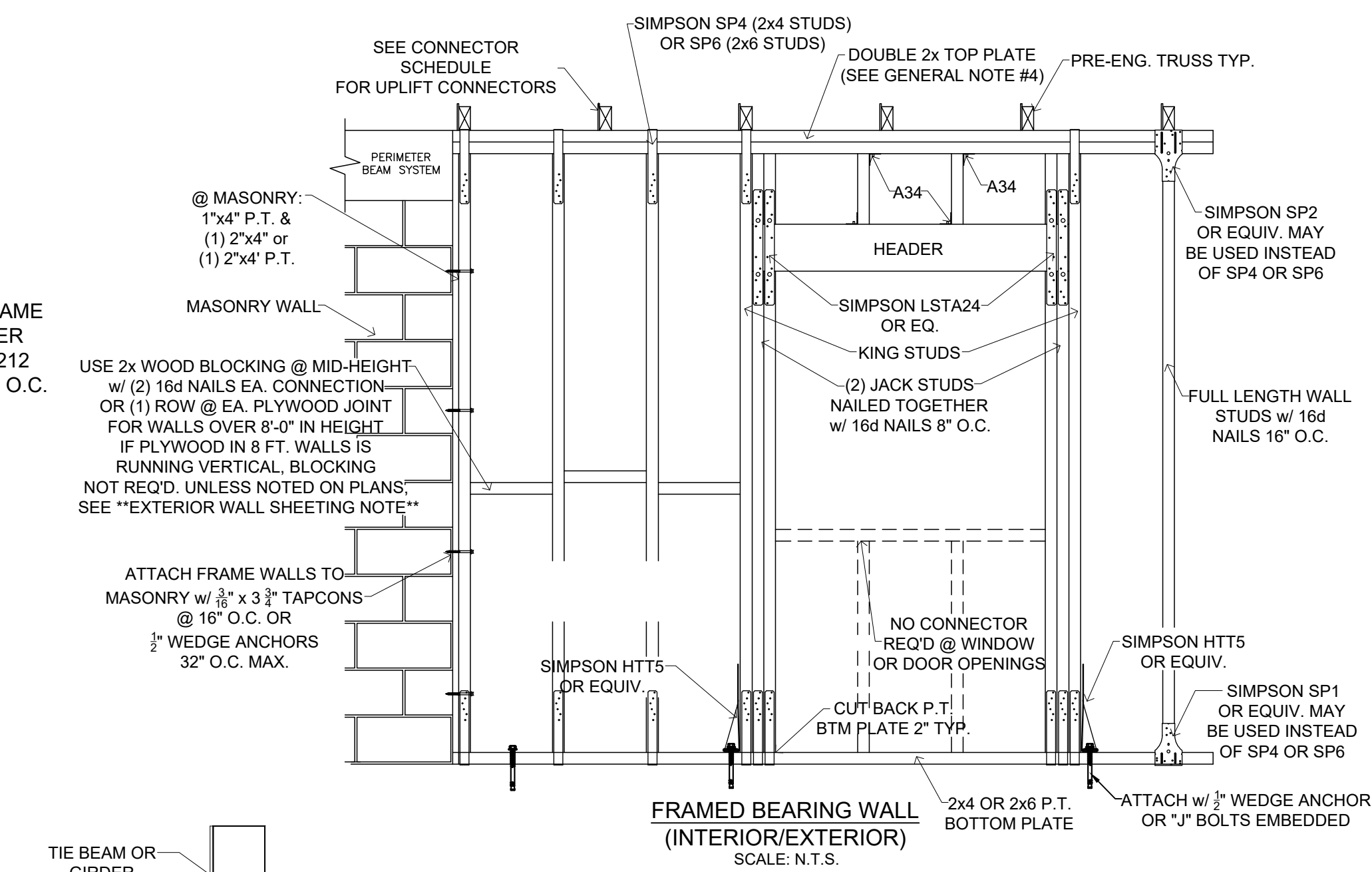
STRUCTURAL DETAILS

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

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

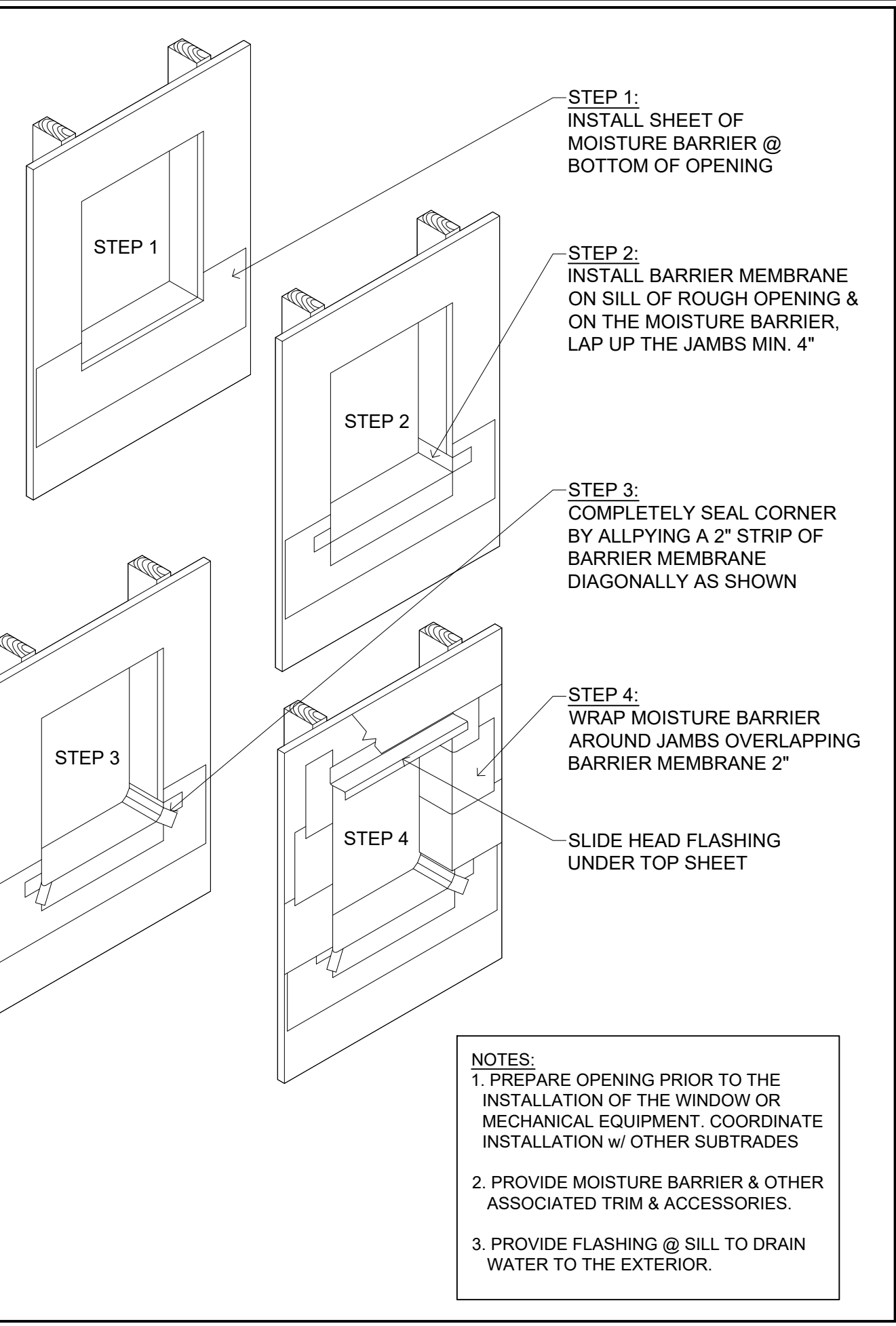
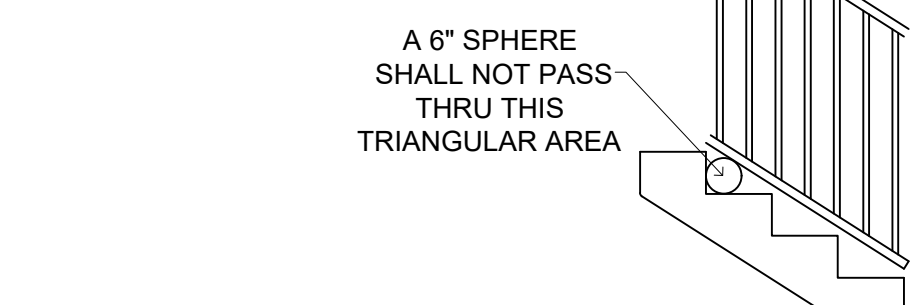
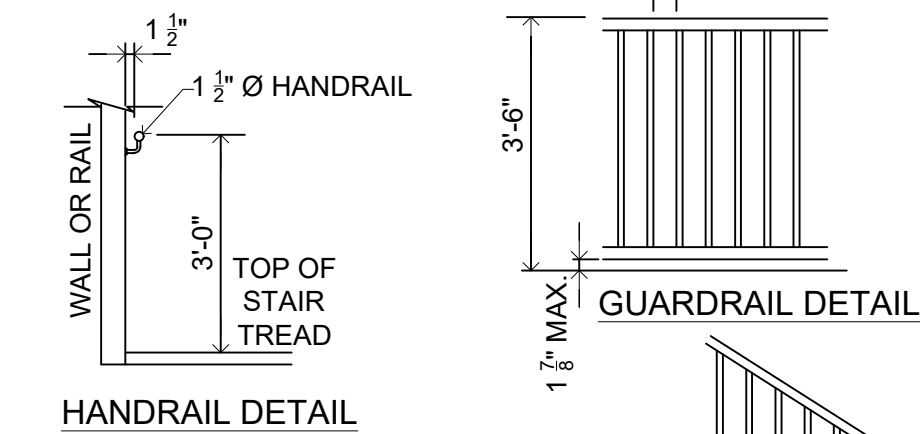
STAIR FRAMING DETAIL

REFERENCE FBC LATEST EDITION
ALL STAIR STRUCTURAL FRAMING SHALL BE 2x MATERIAL
RISER HEIGHT: 7 $\frac{1}{8}$ " 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.

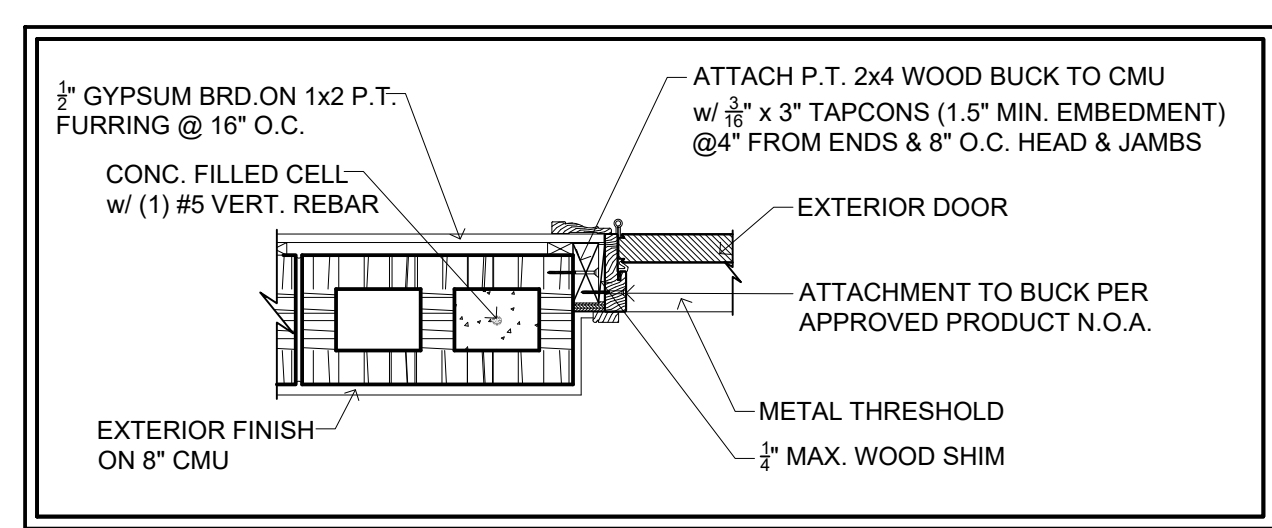
UNSUPPORTED WALL HEIGHT	STUD SPACING	MAXIMUM HEADER SPAN (FEET)					
		4'	6'	9'	12'	15'	18'
10' OR LESS	12 INCHES	2	2	3	3	3	3
	16 INCHES	2	2	3	3	3	3
	24 INCHES	1	2	2	2	2	2
GREATER THAN 10'	12 INCHES	2	2	3	4	5	5
	16 INCHES	2	2	3	3	4	4
	24 INCHES	1	2	2	2	3	3

STRAP LOCATION	FASTENERS	UPLIFT
2x4 AND 2x6 WALL	10d x 1 $\frac{1}{2}$ " NAILS	
SIMPSON MSTA (flat strap)		
A	10	780
A	14	1055
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

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

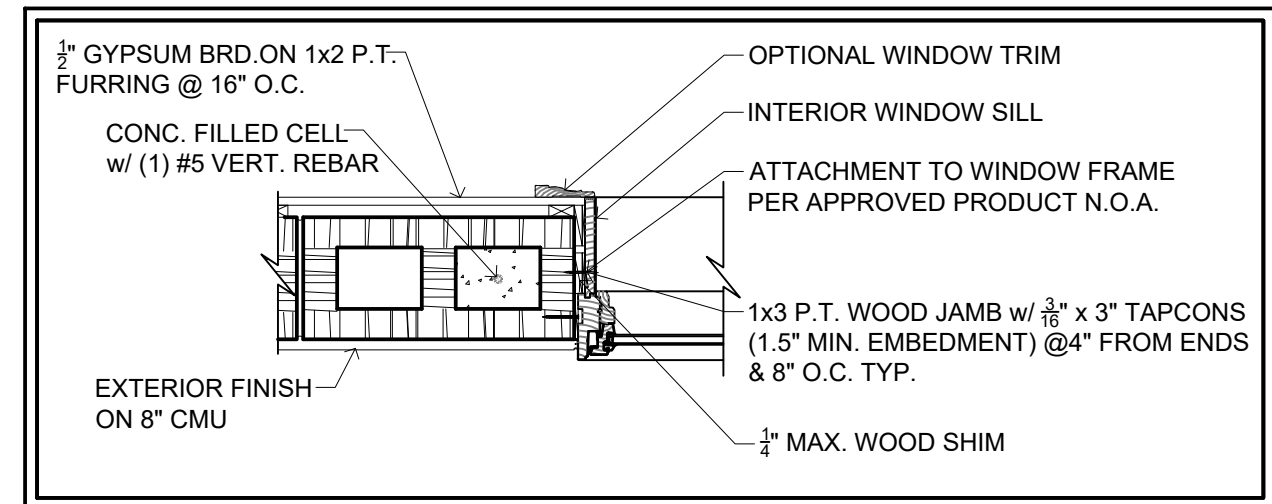
MINIMUM STUD & HEADER REQUIREMENTS FOR OPENINGS

NTS



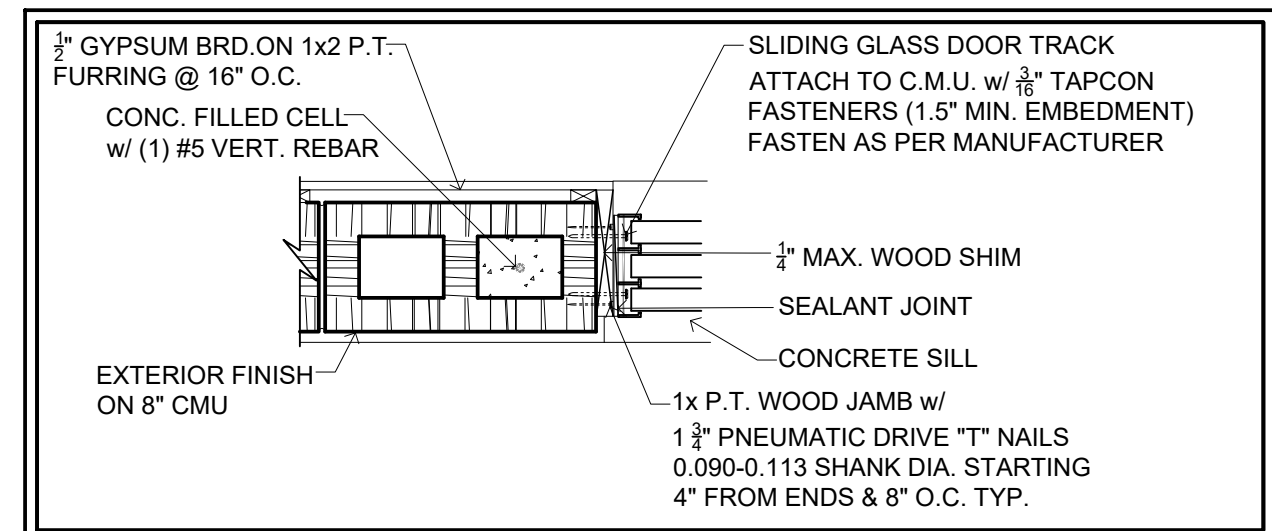
DOOR JAMB TO BLOCK HEAD & SIDELITES SIMILAR

SCALE: N.T.S.



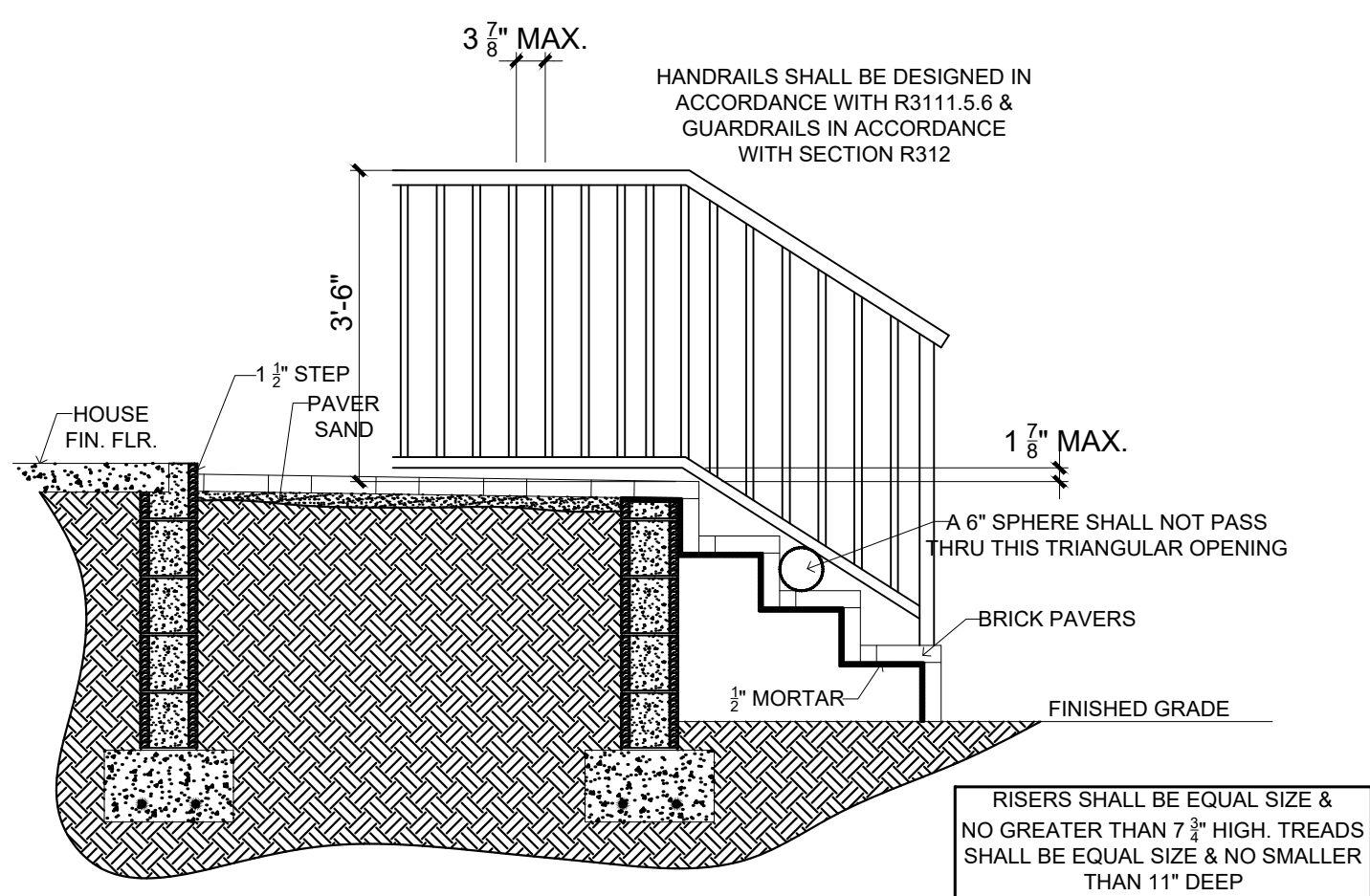
WINDOW JAMB TO BLOCK HEAD SIMILAR

SCALE: N.T.S.



SLD GLASS DOOR JAMB TO BLOCK HEAD SIMILAR

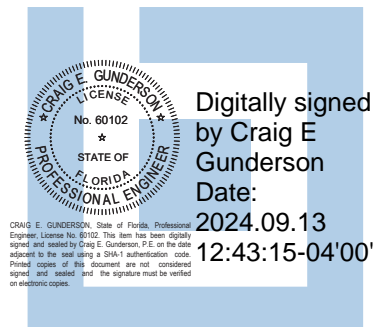
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EXTERIOR STAIR DETAIL WITH STEM WALL

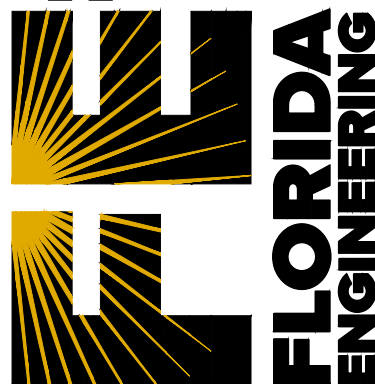
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No.	Description	Date
X		X
X		X
X		X

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REVIEWED BY:

PROJECT NO:

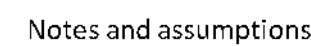
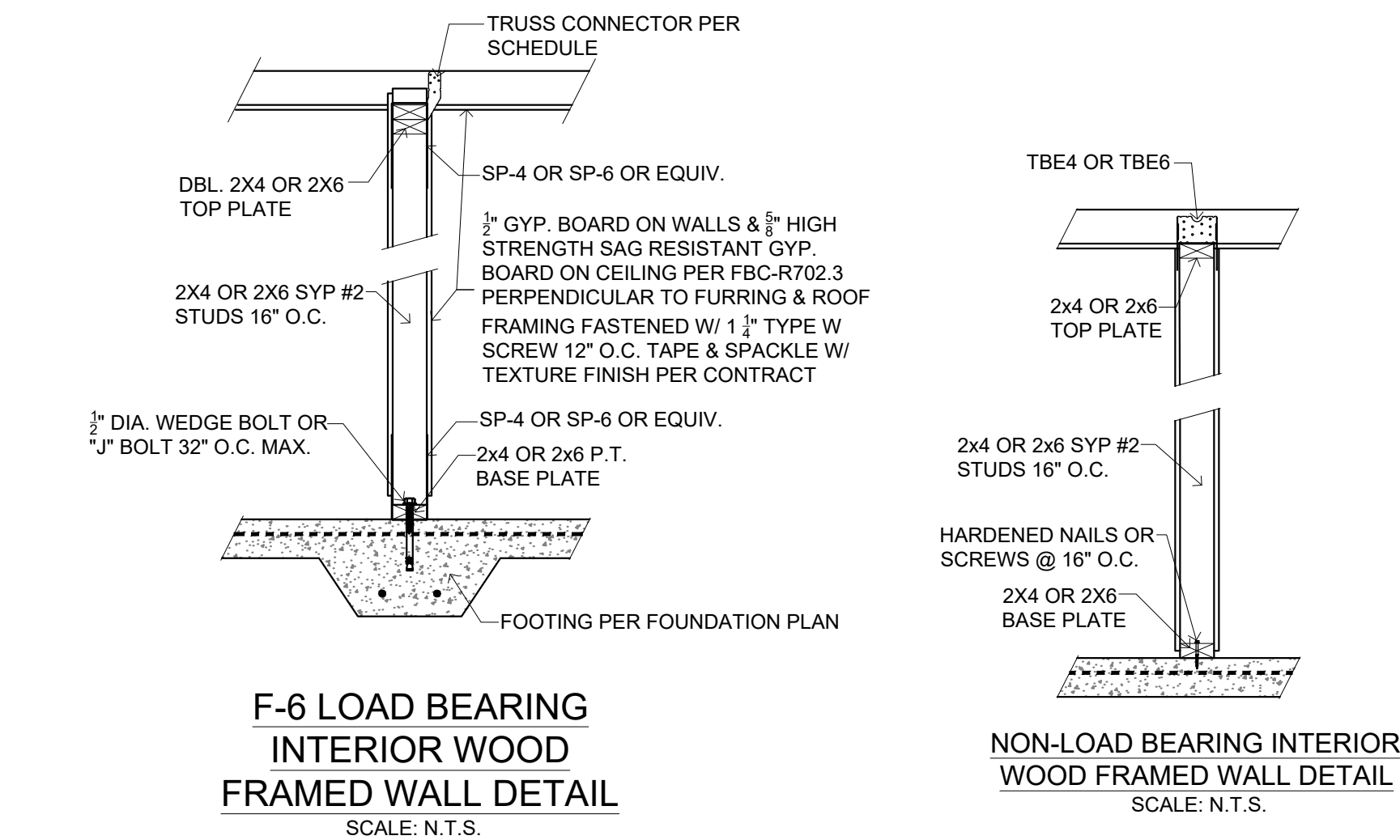
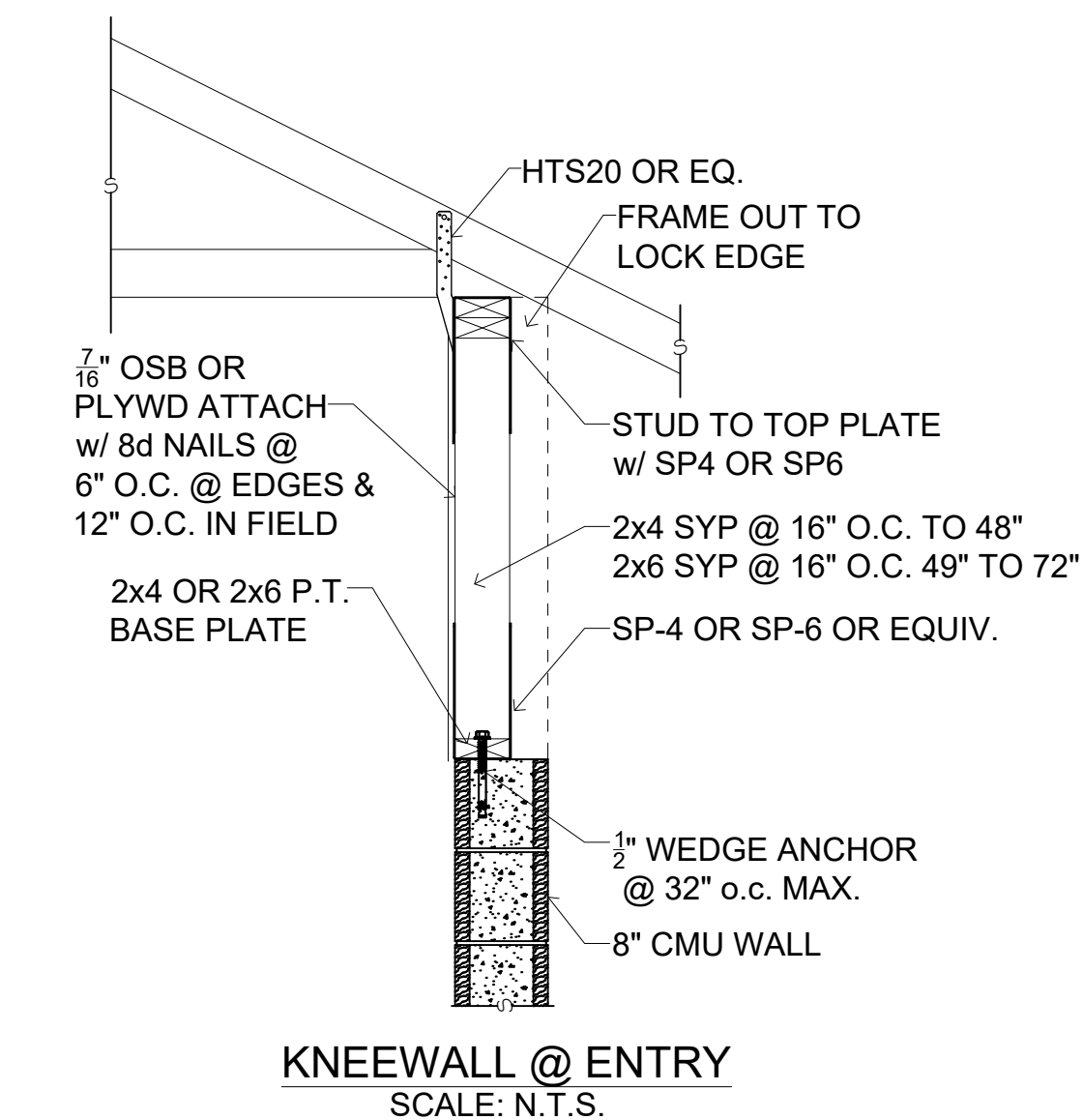
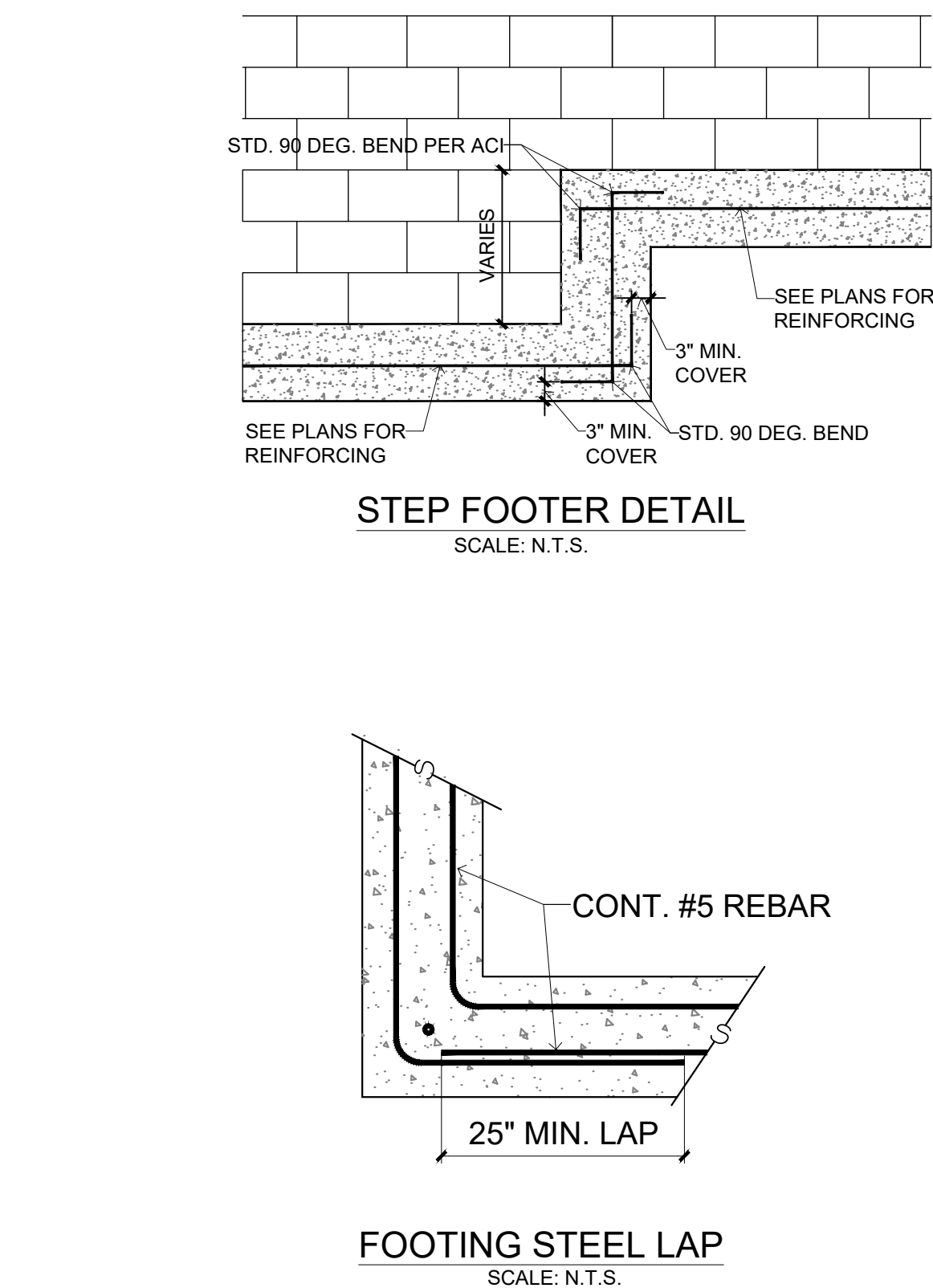
SCALE: PER PLAN

SHEET TITLE:

STRUCTURAL DETAILS

SHEET NUMBER:

S-2



All stem walls to be restrained by slab								
3000 psi conc. Used for all footers								
4" soil over top of toe								
CMU stem centered over footer								
Courses	Height (in ft)	Reinforcing size	Spacing	Grout Spacing	Footer depth	Footer width	Footer reinforcement	Max. Factored Load (plf)
4	2.667	#5	48" O.C	48" O.C	16"	16"	#5 @ 8" O.C/ (2) #5	2400
6	4.000	#5	32" O.C	32" O.C	16"	30"	#5 @ 8" O.C/ (3) #5	3000
8	5.333	#5	32" O.C	32" O.C	20"	42"	#5 @ 8" O.C/ (3) #5	4000

DESIGN CRITERIA:

2023 FBC-R, SEC R301.2

ULTIMATE DESIGN WIND SPEED (MPH) V_{ULT} =

130

NOMINAL DESIGN WIND SPEED (MPH) V_{ASD} =

101

EXPOSURE CATEGORY:

C

MEAN BUILDING HEIGHT (FT) =

20.00

END ZONE DIMENSION (FT) a =

4.00

ROOF TYPE:

HIP ROOF

ROOF PITCH:

4.5 TO 6

IN 12

RISK CATEGORY:

II

OCCUPANCY CLASSIFICATION:

ENCLOSED / PARTIALLY OPEN

INTERNAL PRESSURE COEFFICIENT =

+/-0.18

HEIGHT & EXPOSURE ADJUSTMENT FACTOR =

1.29

ADJUSTED C & C WIND PRESSURES (ASD) (PSF)

ROOF	EWA = 10 FT ²		EWA = 20 FT ²		EWA = 50 FT ²		EWA = 100 FT ²	
Zone 1'	NA	NA	NA	NA	NA	NA	NA	NA
Zone 1	17.6	-31.5	15.1	-27.9	12.0	-23.1	10.0	-19.5
Zone 2	17.6	-43.5	15.1	-37.5	12.0	-29.6	10.0	-23.5
Zone 3	17.6	-43.5	15.1	-37.5	12.0	-29.6	10.0	-23.5

WALL	EWA = 10 FT ²		EWA = 20 FT ²		EWA = 50 FT ²		EWA = 100 FT ²	
Zone 4	23.5	-25.6	22.5	-24.6	21.1	-23.1	20.0	-22.1
Zone 5	23.5	-31.5	22.5	-29.5	21.1	-26.6	20.0	-24.6

GARAGE DOOR

9 X 7

20.8

-23.5

16 X 7

20.0

-22.2

FLOOR LIVE LOAD = 40 PSF

ROOF LIVE LOAD = 20 PSF

SOIL BEARING CAPACITY = 2000 PSF

ROOF TRUSS CONNECTORS		
CONNECTOR	MAX. UPLIFT (LBS)	NOTES
HETA16/20	1810	TRUSS TO CONCRETE BEAM
DETA20	2480	TRUSS TO CONCRETE BEAM
HTSM20	955	TRUSS TO CONCRETE BEAM RETROFIT
(2) VGT	7185	2-PLY GIRDER TO MASONRY/WOOD
(2) VGT	8890	3-PLY GIRDER TO MASONRY/WOOD
FGTR	8885	GIRDER TO MASONRY RETROFIT
HGT-2	10345	2-PLY GIRDER TO WOOD COLUMN
HGT-3	10440	3-PLY GIRDER TO WOOD COLUMN
LGUM26-2-SDS	1430	2 PLY GIRDER TO MASONRY FACE MOUNTED
H2.5A	595	TRUSS TO DBL TOP PLATE
HTS 16/20	1310	TRUSS TO WOOD BEAM/HEADER
H10A	1040	TRUSS TO DBL TOP PLATE
HUS26	1320	TRUSS TO LEDGERBOARD FACE MOUNTED
(2) HTSM20	1850	USE IN LIEU OF MISSED HETA20

<div><div><div><div></div><div>FLORIDA PROFESSIONAL ENGINEERING EXAMINATIONS BOARD</div><div>REGISTRATION NO. 68-00102</div><div>DATE OF EXPIRATION 12/31/2024</div><div>CERTIFICATE NO. 123456789</div><div>RENEWAL DATE 12/31/2024</div></div><div>Digitally signed by Craig E Gunderson Date: 2024.09.13 12:43:16-04'00'</div></div></div>	<div><div>ALL THE DESIGN AND DETAILS ON THIS PLAN HAVE BEEN PREPARED BY FLORIDA ENGINEERING LLC AND SHALL NOT BE REPRODUCED OR REPRODUCED WITHOUT THE WRITTEN PERMISSION OF FLORIDA ENGINEERING LLC.</div><div>Florida Engineering, LLC 4161 TAMAMI TRAIL UNIT 101 PO BOX 9600 FORT MYERS FL 33902 FAX 941-979-8105</div></div>												
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