



SUWANNEE "CLASSIC"

FUTURE RESIDENCE OF: ANGELA SALEMI & FRED RUSSELL



Digitally signed by
Craig E Gunderson
 Date:
2024.06.07
13:06:34-04'00'

HEREBY CERTIFY AS THE BUILDING DESIGN ENGINEER OF RECORD, THAT THE BUILDING DESIGN AS SHOWN ON THESE PLANS IS IN FULL COMPLIANCE WITH ALL LOCAL, STATE, AND NATIONAL BUILDING CODES, AND ALL APPLICABLE REGULATIONS AND ORDINANCES. 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. #60102 Date: _____



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.
8. FOOTER SIZE, MATERIAL AND LOCATIONS TO BE VERIFIED AND DETERMINED BY BUILDER, FOOTER CONTRACTOR, AND LICENSED ENGINEER.
9. ROOF VENTILATION TO BE DETERMINED AND VERIFIED BY BUILDER, ROOFING CONTRACTOR, AND LICENSED ENGINEER.
10. ALL MECHANICAL SYSTEMS DESIGNS, LOCATIONS AND SIZING TO BE DETERMINED AND VERIFIED BY BUILDER, APPROPRIATE TRADE CONTRACTOR, AND LICENSED ENGINEER.
11. BUILDER IS RESPONSIBLE FOR VERIFYING AND COMPLYING WITH ALL LOCAL, STATE, AND NATIONAL BUILDING CODES.
12. LOCAL, STATE, & NATIONAL BUILD'G CODES TAKE PRECEDENCE OVER DRAWINGS
13. BUILDER TO VERIFY ALL DIMENSIONS

SQUARE FOOTAGE CHART

MAIN FLOOR HEATED & COOLED AREA:	992
COVERED FRONT PORCH AREA:	29
GARAGE AREA TO FRAME:	N/A
COVERED REAR LANAI AREA:	N/A
2ND FLOOR HEATED & COOLED AREA:	N/A
TOTAL HEATED AND COOLED AREA:	992
TOTAL UNDER BEAM AREA:	1021

NOTE: ALL AREA CALCULATIONS AREA TO DONE TO EXTERIOR OF FRAMING.

STREET ADDRESS:

398 SW SANDERSWAY

CITY/STATE:

FORT WHITE, FL.

ZIP:

32038

COUNTY:

COLUMBIA

PHASE: N/A

LOT: N/A

BLOCK: N/A

DRAFTING DATES:

PRELIM. : 4/11/2024 JPH
 PERM. : X
 FINAL : X

Cover Page

SUWANNEE "CLASSIC"



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 LICENSED TO RED DOOR HOMES OF:
 NORTH CENTRAL FLORIDA

JOB # : 12-231
 SALEMI-RUSSELL

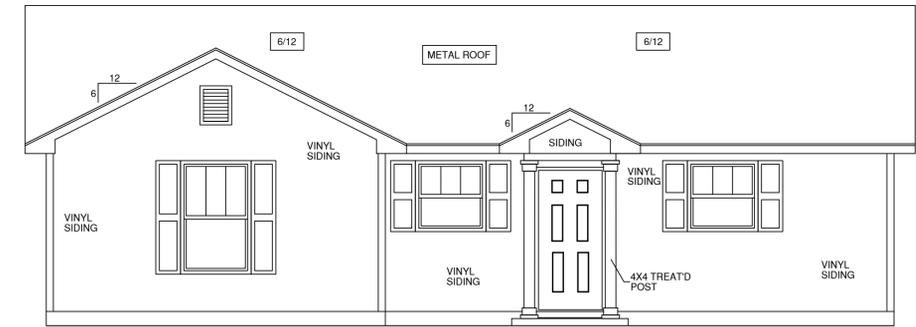
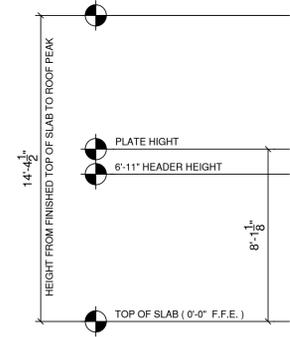
CUSTOMER SELECTION NOTES

ELEVATIONS	FLOOR PLAN	KITCHEN	BATHROOMS	BATHROOMS CONTINUED	APPLIANCES CONTINUED
SIDING MATERIAL TO BE: <input checked="" type="radio"/> VINYL SIDING <input type="radio"/> CEMENT LAP SIDING <input type="radio"/> STUCCO ROOFING MATERIAL TO BE: <input type="radio"/> ARCHITECTURAL SHINGELS <input checked="" type="radio"/> METAL WINDOW GRID PATTERNS TO BE : <input type="radio"/> 6 OVER 6 <input checked="" type="radio"/> 3 OVER 1 <input type="radio"/> 1 OVER 1 GARAGE DOOR OPTIONS IF APPLICABLE : <input type="radio"/> STANDARD RAISED PANEL <input type="radio"/> RIBBED PANEL DESIGN <input type="radio"/> ADD GLASS PANELS WITH GRIDS <input type="radio"/> ADD GLASS PANELS WITHOUT GRIDS <input type="radio"/> ADD GARAGE DOOR OPENER <input type="radio"/> ADD GARAGE DOOR OPENER KEYPAD SHUTTER OPTIONS : <input type="radio"/> NO SHUTTERS <input checked="" type="radio"/> VINYL RAISED PANEL <input type="radio"/> VINYL LOUVERED <input type="radio"/> VINYL BOARD & BATTEN <input type="radio"/> GARAGE DOOR OPENER W/ 2 REMOTES <input type="radio"/> KEYPAD FOR GARAGE DOOR OPENER EXTERIOR DOOR STYLES : <input checked="" type="radio"/> FRONT - 6 PANEL <input type="radio"/> FRONT - 3-LITE CRAFTSMAN <input type="radio"/> FRONT - FULL GLASS NO GRIDS <input type="radio"/> FRONT - FULL GLASS W/ GRIDS <input checked="" type="radio"/> REAR - SLIDING GLASS <input type="radio"/> REAR - 6 PANEL <input type="radio"/> REAR - FULL GLASS NO GRIDS <input type="radio"/> REAR - FULL GLASS W/ GRIDS <input type="radio"/> SIDE - SLIDING GLASS <input type="radio"/> SIDE - 6 PANEL <input type="radio"/> SIDE - FULL GLASS NO GRIDS <input type="radio"/> SIDE - FULL GLASS W/ GRIDS	CEILING HEIGHTS AND OPTIONS: <input checked="" type="radio"/> 8' - STANDARD <input type="radio"/> 9' - OPTIONAL <input type="radio"/> 10' OPTIONAL <input type="radio"/> VAULT CEILING IN LIVING AREAS <input type="radio"/> TRAY CEILING IN MASTER BATH <input type="radio"/> TRAY CEILING IN LIVING ROOM <input type="radio"/> TRAY CEILING IN FOYER <input type="radio"/> TRAY CEILING IN FLEX / FORMAL / STUDY <input type="radio"/> TRAY CEILING IN ENTIRE LIVING AREA INTERIOR DOOR STYLE: <input checked="" type="radio"/> 6 - PANEL COLONIAL <input type="radio"/> 2 - PANEL ARCHED TOP <input type="radio"/> 2 - PANEL CHEYENNE <input type="radio"/> 5 - PANEL <input type="radio"/> SHAKER 3 PANEL <input type="radio"/> BIRKDALE 3 PANEL INTERIOR DOOR STYLE: Hardware <input checked="" type="radio"/> 6 - PANEL COLONIAL Dorian lever, satin nickel <input type="radio"/> 2 - PANEL ARCHED TOP <input type="radio"/> 2 - PANEL CHEYENNE <input type="radio"/> 5 - PANEL <input type="radio"/> SHAKER 3 PANEL <input type="radio"/> BIRKDALE 3 PANEL	KITCHEN CABINET OPTIONS: <input type="radio"/> LEVEL 1 PAINTED CABINETS <input type="radio"/> LEVEL 1 STAINED CABINETS <input checked="" type="radio"/> LEVEL 2 PAINTED CABINETS <input type="radio"/> LEVEL 2 STAINED CABINETS <input checked="" type="radio"/> 30" UPPER WALL CABINETS <input type="radio"/> 30" & 36" STAGGERED UPPER WALL CABINETS <input type="radio"/> 42" UPPER WALL CABINETS <input type="radio"/> KNOBS <input checked="" type="radio"/> PULLS 3108 sn <input type="radio"/> CROWN MOULDING ON UPPER WALL CABINETS <input type="radio"/> SOFT CLOSE CABINET DOORS <input type="radio"/> SOFT CLOSE CABINET DRAWERS KITCHEN COUNTER TOP OPTIONS: <input type="radio"/> LAMINATE TOPS <input type="radio"/> LEVEL 1 GRANITE <input type="radio"/> LEVEL 2 GRANITE <input type="radio"/> LEVEL 1 QUARTZ <input checked="" type="radio"/> LEVEL 2 QUARTZ <input type="radio"/> ADD 4" GRANITE BACKSPLASH <input type="radio"/> ADD 4" QUARTZ BACKSPLASH KITCHEN SINK OPTION: <input type="radio"/> 8" DEEP 50/50 DROP-IN SINK <input type="radio"/> UNDERMOUNT DEEP 50/50 SINK <input checked="" type="radio"/> UNDERMOUNT PLATINUM SINGLE BOWL SINK <input type="radio"/> FARM SINK KITCHEN FAUCET OPTION: <input checked="" type="radio"/> PFIRST SERIES 1 - CHROME <input type="radio"/> PFIRST SERIES 1 - STAINLESS <input type="radio"/> PFIRST SERIES 1 - MATTE BLACK <input type="radio"/> STELLEN 1 - STAINLESS <input type="radio"/> STELLEN 1 - MATTE BLACK <input type="radio"/> STELLEN 1 - BRUSHED GOLD <input type="radio"/> STELLEN TOUCHLESS - CHROME <input type="radio"/> STELLEN TOUCHLESS - STAINLESS <input type="radio"/> STELLEN TOUCHLESS - MATTE BLACK <input type="radio"/> NEERA CULINARY - STAINLESS <input type="radio"/> NEERA CULINARY - GOLD <input type="radio"/> NEERA CULINARY - MATTE BLACK <input type="radio"/> ASARI - CHROME <input type="radio"/> ASARI - STAINLESS <input type="radio"/> ASARI - GOLD <input type="radio"/> ASARI - MATTE BLACK	MASTER BATH VANITY CABINET OPTIONS: <input checked="" type="radio"/> LEVEL 1 PAINTED CABINETS <input type="radio"/> LEVEL 1 STAINED CABINETS <input type="radio"/> LEVEL 2 PAINTED CABINETS <input type="radio"/> LEVEL 2 STAINED CABINETS <input type="radio"/> KNOBS <input type="radio"/> PULLS <input type="radio"/> SOFT CLOSE DOORS <input type="radio"/> SOFT CLOSE DRAWERS <input type="radio"/> RAISED HEIGHT VANITY <input checked="" type="radio"/> LAMINATE TOP(S) <input type="radio"/> LEV. 1 GRANITE TOP(S) <input type="radio"/> LEV. 2 GRANITE TOP(S) <input type="radio"/> LEV. 1 QUARTZ TOP(S) <input type="radio"/> LEV. 2 QUARTZ TOP(S) <input checked="" type="radio"/> ROUND DROP-IN SINK(S) white <input type="radio"/> ROUND UNDERMOUNT SINK(S) <input type="radio"/> RECTANGLE UNDERMOUNT SINK(S) HALL BATH 1 VANITY CABINET OPTIONS: <input checked="" type="radio"/> LEVEL 1 PAINTED CABINETS <input type="radio"/> LEVEL 1 STAINED CABINETS <input type="radio"/> LEVEL 2 PAINTED CABINETS <input type="radio"/> LEVEL 2 STAINED CABINETS <input type="radio"/> KNOBS <input type="radio"/> PULLS <input type="radio"/> SOFT CLOSE DOORS <input type="radio"/> SOFT CLOSE DRAWERS <input type="radio"/> RAISED HEIGHT VANITY <input checked="" type="radio"/> LAMINATE TOP(S) <input type="radio"/> LEV. 1 GRANITE TOP(S) <input type="radio"/> LEV. 2 GRANITE TOP(S) <input type="radio"/> LEV. 1 QUARTZ TOP(S) <input type="radio"/> LEV. 2 QUARTZ TOP(S) <input checked="" type="radio"/> ROUND DROP-IN SINK(S) white <input type="radio"/> ROUND UNDERMOUNT SINK(S) <input type="radio"/> RECTANGLE UNDERMOUNT SINK(S) HALL BATH 2 VANITY CABINET OPTIONS: <input type="radio"/> LEVEL 1 PAINTED CABINETS <input type="radio"/> LEVEL 1 STAINED CABINETS <input type="radio"/> LEVEL 2 PAINTED CABINETS <input type="radio"/> LEVEL 2 STAINED CABINETS <input type="radio"/> KNOBS <input type="radio"/> PULLS <input type="radio"/> SOFT CLOSE DOORS <input type="radio"/> SOFT CLOSE DRAWERS <input type="radio"/> RAISED HEIGHT VANITY <input checked="" type="radio"/> LAMINATE TOP(S) <input type="radio"/> LEV. 1 GRANITE TOP(S) <input type="radio"/> LEV. 2 GRANITE TOP(S) <input type="radio"/> LEV. 1 QUARTZ TOP(S) <input type="radio"/> LEV. 2 QUARTZ TOP(S) <input type="radio"/> ROUND DROP-IN SINK(S) <input type="radio"/> ROUND UNDERMOUNT SINK(S) <input type="radio"/> RECTANGLE UNDERMOUNT SINK(S)	HALL BATH 2 VANITY CABINET OPTIONS CONTINUED: <input type="radio"/> SOFT CLOSE DRAWERS <input type="radio"/> RAISED HEIGHT VANITY <input type="radio"/> LAMINATE TOP(S) <input type="radio"/> LEV. 1 GRANITE TOP(S) <input type="radio"/> LEV. 2 GRANITE TOP(S) <input type="radio"/> LEV. 1 QUARTZ TOP(S) <input type="radio"/> LEV. 2 QUARTZ TOP(S) <input type="radio"/> ROUND DROP-IN SINK(S) <input type="radio"/> ROUND UNDERMOUNT SINK(S) <input type="radio"/> RECTANGLE UNDERMOUNT SINK(S) GUEST BATH VANITY CABINET OPTIONS: <input type="radio"/> LEVEL 1 PAINTED CABINETS <input type="radio"/> LEVEL 1 STAINED CABINETS <input type="radio"/> LEVEL 2 PAINTED CABINETS <input type="radio"/> LEVEL 2 STAINED CABINETS <input type="radio"/> KNOBS <input type="radio"/> PULLS <input type="radio"/> SOFT CLOSE DOORS <input type="radio"/> SOFT CLOSE DRAWERS <input type="radio"/> RAISED HEIGHT VANITY <input type="radio"/> LAMINATE TOP(S) <input type="radio"/> LEV. 1 GRANITE TOP(S) <input type="radio"/> LEV. 2 GRANITE TOP(S) <input type="radio"/> LEV. 1 QUARTZ TOP(S) <input type="radio"/> LEV. 2 QUARTZ TOP(S) <input type="radio"/> ROUND DROP-IN SINK(S) <input type="radio"/> ROUND UNDERMOUNT SINK(S) <input type="radio"/> RECTANGLE UNDERMOUNT SINK(S)	ALL STAINLESS LEVEL 2 APPLIANCES <input type="radio"/> 30" RECIRCULATING RANGE HOOD <input type="radio"/> 30" VENTED RANGE HOOD <input type="radio"/> RECIRCULATING MICROWAVE / HOOD <input type="radio"/> VENTED MICROWAVE / HOOD ALL STAINLESS LEVEL 3 APPLIANCES <input type="radio"/> 30" RECIRCULATING RANGE HOOD <input type="radio"/> 30" VENTED RANGE HOOD <input type="radio"/> RECIRCULATING MICROWAVE / HOOD <input type="radio"/> VENTED MICROWAVE / HOOD CUSTOMER SUPPLIED APPLIANCES <input type="radio"/> YES PLUMBING HARDWARE KITCHEN FAUCET - "CIRCLE COLOR OPTION" <input checked="" type="radio"/> PFIRST SERIES 1 (<u>CHROME</u> S.S. / MATTE BLK.) <input type="radio"/> STELLEN 1 (S.S. / BRSHD.GOLD / MATTE BLK.) <input type="radio"/> NEERA CULINARY (S.S. / GOLD / BLACK) <input type="radio"/> ASARI (CHROME / S.S. / GOLD / BLACK) <input type="radio"/> STELLEN TOUCHLESS (CHROME / S.S. / BLACK) KITCHEN SINK <input type="radio"/> 8" DEEP DOUBLE BOWL SINK (DROP-IN) <input type="radio"/> UNDERMOUNT DEEP DOUBLE SINK 50/50 <input checked="" type="radio"/> UNDERMOUNT PLATINUM BOWL <input type="radio"/> FARM SINK MASTER BATH SINK(S) <input checked="" type="radio"/> ROUND DROP-IN <input type="radio"/> ROUND UNDERMOUNT <input type="radio"/> RECTANGLE UNDERMOUNT HALL BATH 1 SINK(S) <input checked="" type="radio"/> ROUND DROP-IN <input type="radio"/> ROUND UNDERMOUNT <input type="radio"/> RECTANGLE UNDERMOUNT HALL BATH 2 SINK(S) <input type="radio"/> ROUND DROP-IN <input type="radio"/> ROUND UNDERMOUNT <input type="radio"/> RECTANGLE UNDERMOUNT GUEST BATH SINK(S) <input type="radio"/> ROUND DROP-IN <input type="radio"/> ROUND UNDERMOUNT <input type="radio"/> RECTANGLE UNDERMOUNT
	ELECTRICAL PLAN BREAKFAST AREA LIGHT FIXTURES: Pre-wire. <input type="radio"/> 3 - BULB SATIN CHROME <input type="radio"/> 3 - BULB SATIN NICKEL <input type="radio"/> 3 - BULB SATIN MATTE BLACK <input type="radio"/> 3 - BULB SATIN OIL RUBBED BRONZE DINING AREA LIGHT FIXTURES: <input type="radio"/> 5 - BULB SATIN CHROME <input type="radio"/> 5 - BULB SATIN NICKEL <input type="radio"/> 5 - BULB SATIN MATTE BLACK <input type="radio"/> 5 - BULB SATIN OIL RUBBED BRONZE MASTER VANITY LIGHT FIXTURES: <input type="radio"/> 5 - BULB SATIN CHROME <input checked="" type="radio"/> 5 - BULB SATIN NICKEL two 3 bulb, frosted globes down <input type="radio"/> 5 - BULB SATIN MATTE BLACK <input type="radio"/> 5 - BULB SATIN OIL RUBBED BRONZE			APPLIANCES ALL WHITE LEVEL 1 APPLIANCES <input type="radio"/> 30" RECIRCULATING RANGE HOOD - WHITE <input type="radio"/> 30" VENTED RANGE HOOD - WHITE <input type="radio"/> RECIRCULATING MICROWAVE / HOOD - WHITE <input type="radio"/> VENTED MICROWAVE / HOOD - WHITE ALL BLACK LEVEL 1 APPLIANCES Glass top range <input checked="" type="radio"/> 30" RECIRCULATING RANGE HOOD - BLACK <input type="radio"/> 30" VENTED RANGE HOOD - BLACK <input type="radio"/> RECIRCULATING MICROWAVE / HOOD - BLACK <input type="radio"/> VENTED MICROWAVE / HOOD - BLACK	

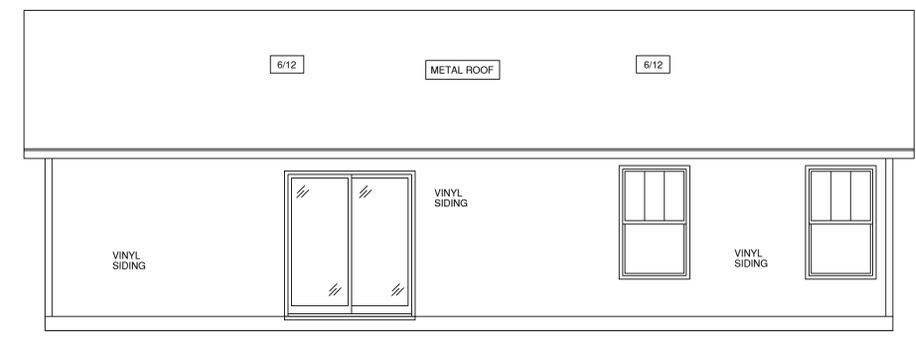
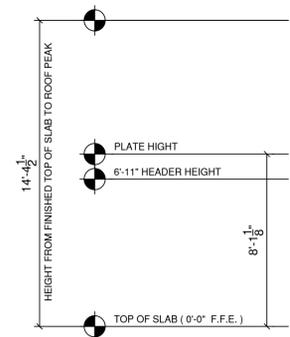
HEREBY CERTIFY AS THE BUILDING DESIGN ENGINEER OF RECORD, THAT THE BUILDING DESIGN SHOWN ON THESE PLANS IS IN COMPLIANCE WITH THE 2023 FLORIDA BUILDING CODE, 8TH EDITION, THIS CERTIFICATION DOES NOT INCLUDE ROOF TRUSS COMPONENTS OF WHICH THE TRUSS DESIGN ENGINEER IS THE ENGINEER OF RECORD.
 THESE PLANS HAVE BEEN PREPARED IN COMPLIANCE WITH THE 2023 FLORIDA BUILDING CODE, 8TH EDITION WITH SUPPLEMENTS.
 Date: _____
 Craig E. Gunderson, P.E. #980192



Digitally signed
 by Craig E
 Gunderson
 Date:
 2024.06.07
 13:06:35-04'00'



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

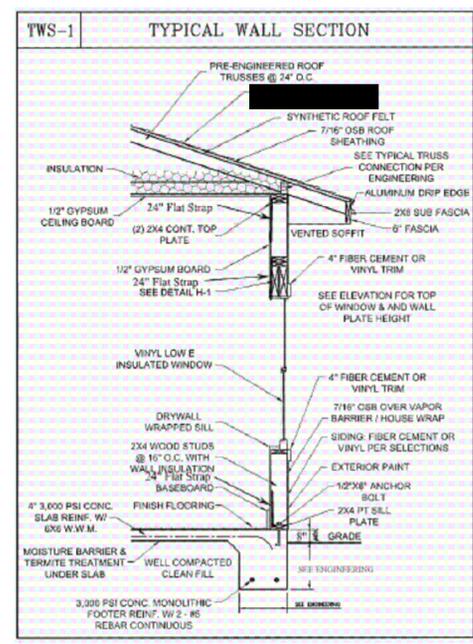


REAR ELEVATION
 SCALE 1/4" = 1'-0"

ATTIC VENT CALCULATION			
PROVIDE ATTIC VENTILATION IN COMPLIANCE W/FBC RESIDENTIAL CODE THE REQUIRED NET FREE VENTILATING AREA OF NOT LESS THAN 1/150 OF THE SPACE VENTILATED AREA MAY BE REDUCED TO 1/300 PROVIDED THAT 50% (BUT NOT MORE THAN 80%) OF THE REQUIRED VENTILATING AREA IS PROVIDED IN THE UPPER PORTION OF THE SPACE TO BE VENTILATED AT LEAST 3' ABOVE EAVE OR CORNICE WITH THE BALANCE OF THE REQUIRED VENTILATION PROVIDED BY THE EAVE OR CORNICE VENTS.			
NOTE TYPICAL VENTILATION INCLUDES			
1. SOFFIT VENTS (AREA: 6.42 SQ. IN. PER FOOT - VERIFY W/ MANUFACTURER)			
2. LOMANCO 770* ATTIC VENT LOCATED 12" MIN. FROM RIDGE (AREA: 6.42 SQ. IN. - VERIFY WITH MANUFACTURER)			
*(1) LOMANCO 770D VENT AT 140 S.I. EA. CAN BE USED IN PLACE OF (2) 770 VENTS			
AREA 1 - AREA VENTILATION REQUIRED - UPPER AND LOWER VENTS PROVIDED			
1021	S.F. ATTIC AREA / 300 =	3.40	S.F. X 144 = 490.08
490.08	S.I. / 2 =	245.04	S.I. UPPER AND LOWER VENTILATION REQ'D
UPPER VENTILATION PROVIDED			
120 SI OFF RIDGE VENTS	3.00	VENT =	360 245.04 S.I.
LOWER VENTILATION PROVIDED			
6.42 SI/FT FT SOFFIT VENTS (MIN.)	39.00	FT =	250.38 245.04 S.I.



PHONE
 (941)391-5980
 FL ENGINEERING LLC



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
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
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SQUARE FOOTAGE CHART

MAIN FLOOR HEATED & COOLED AREA:	992
COVERED FRONT PORCH AREA:	29
GARAGE AREA TO FRAME:	N/A
COVERED REAR LANAI AREA:	N/A
2ND FLOOR HEATED & COOLED AREA:	N/A
TOTAL HEATED AND COOLED AREA:	992
TOTAL UNDER BEAM AREA:	1021

NOTE: ALL AREA CALCULATIONS AREA TO DONE TO EXTERIOR OF FRAMING.

STREET ADDRESS:

398 SW SANDERSWAY

CITY/STATE:

FORT WHITE, FL.

ZIP:

32038

COUNTY:

COLUMBIA

PHASE: N/A

LOT: N/A

BLOCK: N/A

DRAFTING DATES:

PRELIM. : 4/11/2024 JPH
 PERM. : X
 FINAL : X

Front & Rear Elevations

SUWANNEE
 "CLASSIC"



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

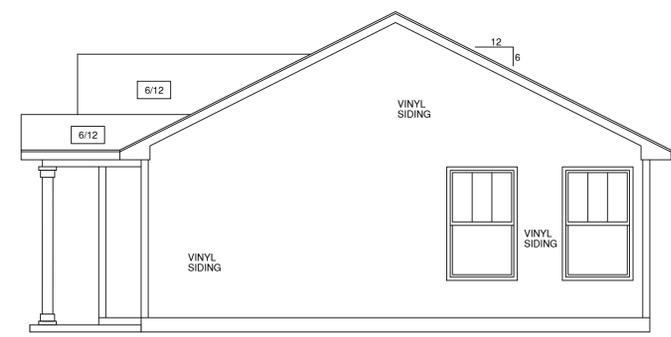
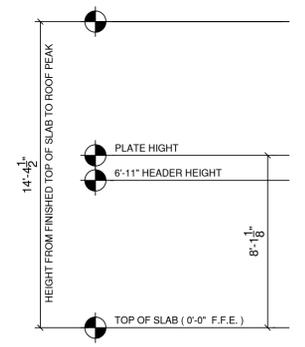
JOB # : 12-231
 SALEMI-RUSSELL

HEREBY CERTIFY AS THE BUILDING DESIGN ENGINEER OF RECORD, THAT THE BUILDING DESIGN AS SHOWN ON THESE PLANS (STRUCTURAL COMPLIANCE ONLY) 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.
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 Date: _____
 Craig E. Gunderson, P.E. #080102

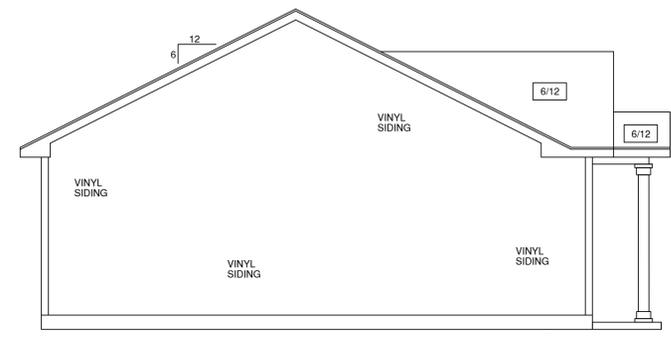
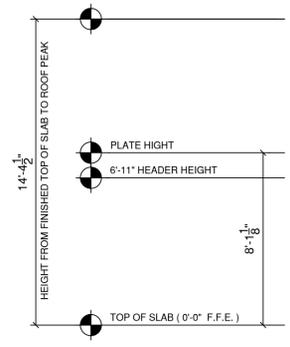


Digitally signed
 by Craig E
 Gunderson
 Date:
 2024.06.07
 13:06:36-04'00'

CRAG 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 indicated to the left using a PKCS#7 (Cryptographic Message Syntax) signature. Printed copies of this document are not considered signed and sealed until the signature has been verified on electronic copies.



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



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

GENERAL BUILD'G NOTES

1. MAIN FLOOR PLATE HEIGHT TO BE 8'-0" UNLESS NOTED OTHERWISE
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GARAGE AREA TO FRAME:	N/A
COVERED REAR LANAI AREA:	N/A
2ND FLOOR HEATED & COOLED AREA:	N/A
TOTAL HEATED AND COOLED AREA:	992
TOTAL UNDER BEAM AREA:	1021

NOTE: ALL AREA CALCULATIONS AREA TO DONE TO EXTERIOR OF FRAMING.

STREET ADDRESS:

398 SW SANDERSWAY

CITY/STATE:

FORT WHITE, FL.

ZIP:

32038

COUNTY:

COLUMBIA

PHASE: N/A

LOT: N/A

BLOCK: N/A

DRAFTING DATES:

PRELIM. : 4/11/2024 JPH

PERM. : X

FINAL : X

Right & Left Elevations

SUWANNEE
 "CLASSIC"



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 NORTH CENTRAL FLORIDA

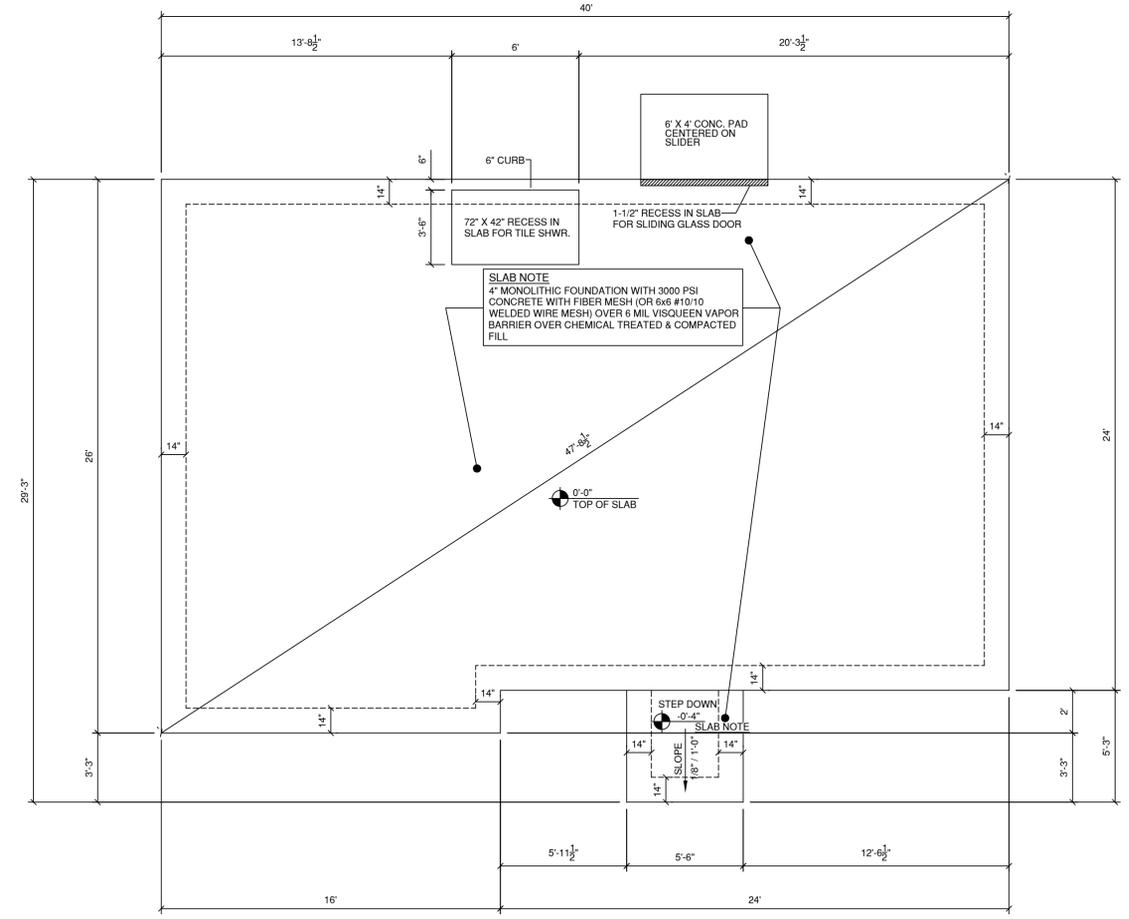
JOB # : 12-231
 SALEMI-RUSSELL

HEREBY CERTIFY AS THE BUILDING DESIGN ENGINEER OF RECORD, THAT THE BUILDING DESIGN AS SHOWN ON THESE PLANS (STRUCTURAL COMPLIANCE ONLY) AND 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
 4181 SANDBAR TRAIL, UNIT 101
 FORT CHARLOTTE, FL 33482
 PH: (841) 391-0906
 FAX: (841) 979-8196



Digitally signed
 by Craig E
 Gunderson
 Date:
 2024.06.07
 13:06:37-04'00'

CRAG 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 indicated to the left using a PKCS#7 (X.509) code. Printed copies of this document are not considered signed and sealed until the signature has been verified on electronic copies.



MONOLITHIC SLAB FOUNDATION PLAN
 SCALE 1/4" = 1'-0"

GENERAL FOUNDATION NOTES:
 1. FILLED CELLS AT ALL CORNERS, NEXT TO ALL OPENINGS, UNDER ALL GIRDERS, AND 5'-0" O.C. MAXIMUM.

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:	992
COVERED FRONT PORCH AREA:	29
GARAGE AREA TO FRAME:	N/A
COVERED REAR LANAI AREA:	N/A
2ND FLOOR HEATED & COOLED AREA:	N/A
TOTAL HEATED AND COOLED AREA:	992
TOTAL UNDER BEAM AREA:	1021

NOTE: ALL AREA CALCULATIONS AREA TO DONE TO EXTERIOR OF FRAMING.

STREET ADDRESS:
 398 SW SANDERSWAY

CITY/STATE:
 FORT WHITE, FL.

ZIP:
 32038

COUNTY:
 COLUMBIA

PHASE: N/A
 LOT: N/A
 BLOCK: N/A

DRAFTING DATES:

PRELIM. : 4/11/2024 JPH
 PERM. : X
 FINAL : X

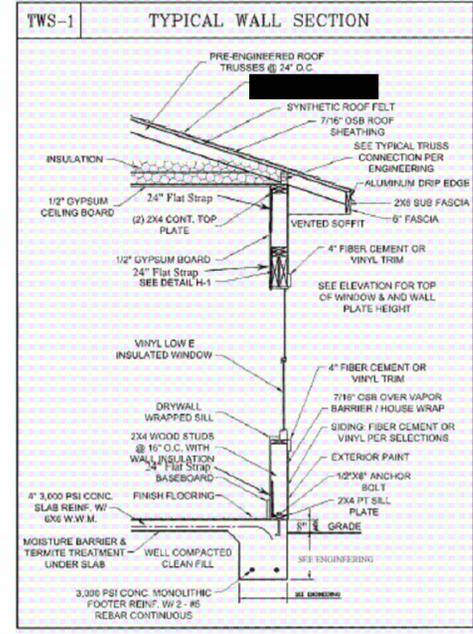
Monolithic Slab Foundation

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 NORTH CENTRAL FLORIDA

JOB # : 12-231
 SALEMI-RUSSELL

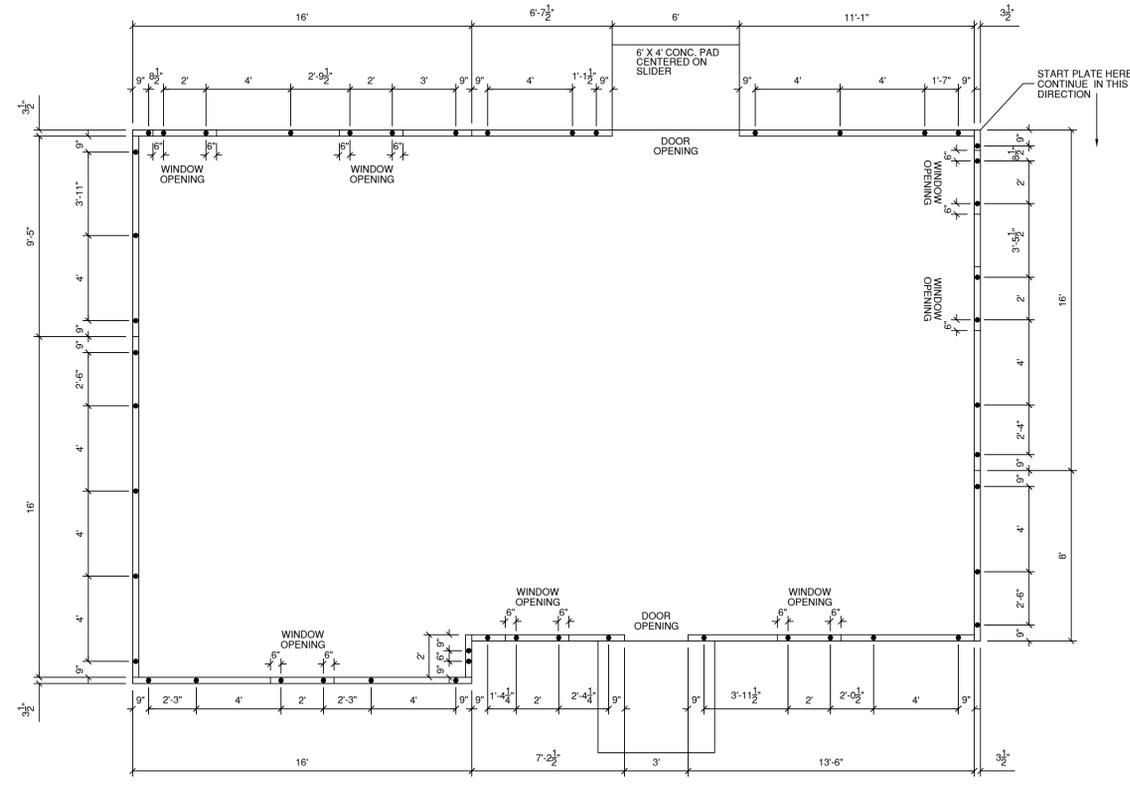


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 THESE PLANS HAVE BEEN PREPARED IN COMPLIANCE WITH THE 2023 FLORIDA BUILDING CODE 8TH EDITION WITH SUPPLEMENTS.
 Date: _____
 Craig E. Gunderson, P.E. #060102



Digitally signed
 by Craig E
 Gunderson
 Date:
 2024.06.07
 13:06:38-04'00'

CRAG 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 indicated to the left using a PKCS#7 (Cryptographic Message Syntax) signature. Printed copies of this document are not considered signed and sealed until the signature has been verified on electronic copies.



J-BOLT PLAN
 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
3. INTERIOR AND EXTERIOR WALLS TO BE DRAWN AT 3 1/2" U.N.O.
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5. WINDOW HEADER HEIGHT TO BE SET AT 6'-11" FROM TOP OF HOUSE SLAB TO BOTTOM OF WINDOW HEADER U.N.O.
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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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NOTE: ALL AREA CALCULATIONS AREA TO DONE TO EXTERIOR OF FRAMING.

STREET ADDRESS:

398 SW SANDERSWAY

CITY/STATE:

FORT WHITE, FL.

ZIP:

32038

COUNTY:

COLUMBIA

PHASE: N/A

LOT: N/A

BLOCK: N/A

DRAFTING DATES:

PRELIM. : 4/11/2024 JPH
 PERM. : X
 FINAL : X

J-Bolt Plan

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 NORTH CENTRAL FLORIDA

JOB # : 12-231
SALEMI-RUSSELL

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 THESE PLANS HAVE BEEN PREPARED IN COMPLIANCE WITH THE 2023 FLORIDA BUILDING CODE, 8TH EDITION WITH SUPPLEMENTS.
 Date: _____
 Craig E. Gunderson, P.E. #980192



Digitally signed
 by Craig E
 Gunderson
 Date:
 2024.06.07
 13:06:39-04'00'

CRAG 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 indicated to the left using a SHA-256 cryptographic code. Printed copies of this document are not considered signed and sealed until the signature has been 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

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.
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SQUARE FOOTAGE CHART

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DRAFTING DATES:

PRELIM. : 4/11/2024 JPH
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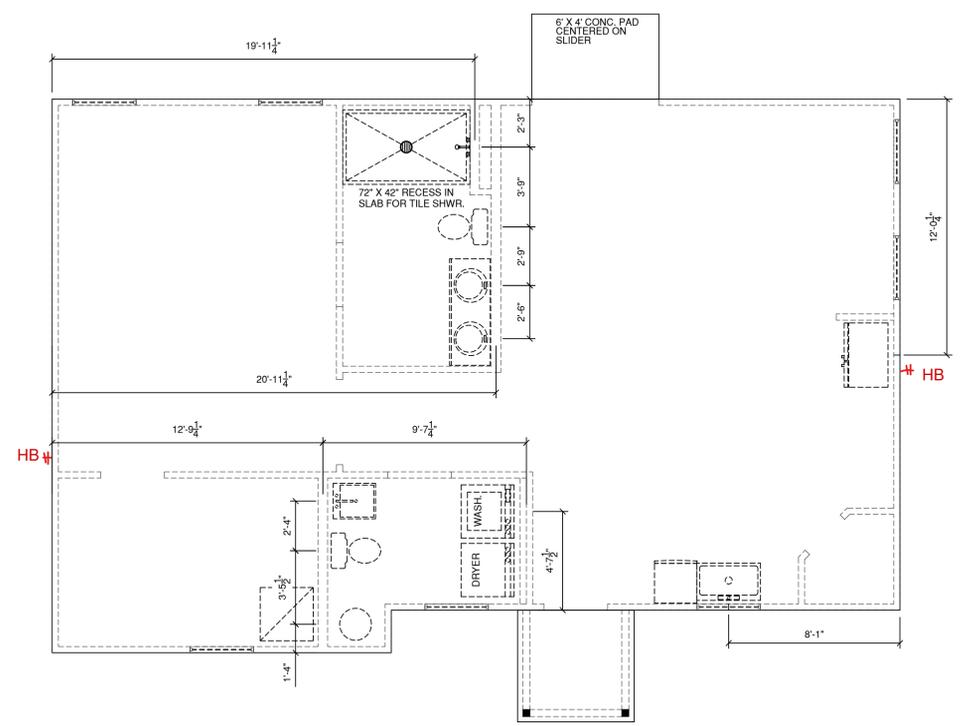
Plumbing Plan

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 NORTH CENTRAL FLORIDA

**JOB # : 12-231
 SALEMI-RUSSELL**



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

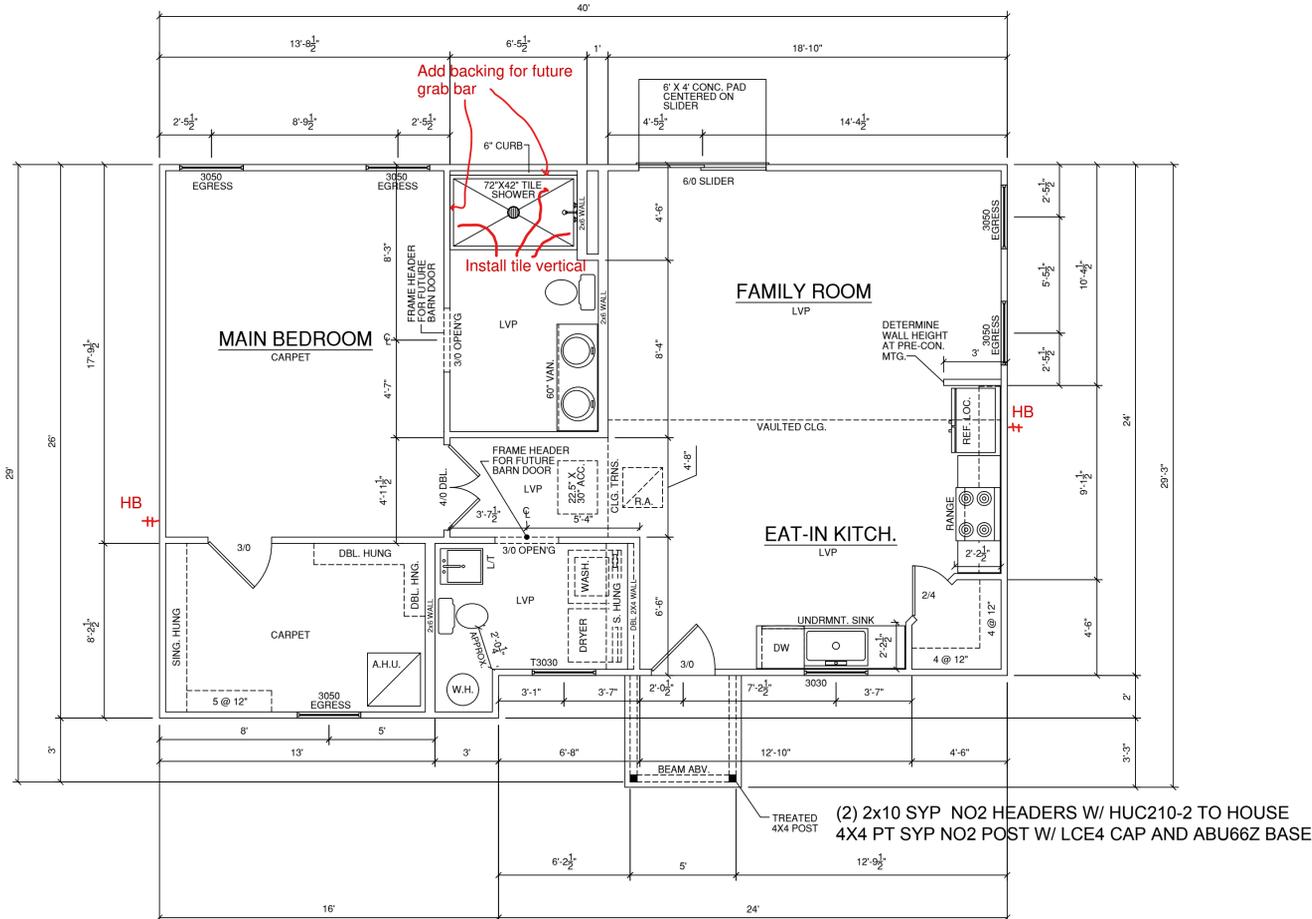
HEREBY CERTIFY AS THE BUILDING DESIGN ENGINEER OF RECORD, THAT THE BUILDING DESIGN AS SHOWN ON THESE PLANS (STRUCTURAL COMPLIANCE ONLY) HAS ACCOMPANIED BY DESIGN AND SUPPORT DOCUMENTS, CONFORMS TO THE 2023 FLORIDA BUILDING CODE 8TH EDITION. THIS CERTIFICATION DOES NOT INCLUDE ROOF TRUSS COMPONENTS OF 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.
 Date: _____
 Craig E. Gunderson, P.E. #060102



Digitally signed
 by Craig E
 Gunderson
 Date:
 2024.06.07
 13:06:41-04'00'

CRAG 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 indicated to the left using a PKCS#7 (Cryptographic Message Syntax) signature. Printed copies of this document are not considered signed and sealed until the signature has been verified on electronic copies.

DESIGN DATA				
DESIGN CRITERIA:		2023 FBC-R, SEC R301.2		
ULTIMATE DESIGN WIND SPEED (MPH) V_{ULT} =		130		
NOMINAL DESIGN WIND SPEED (MPH) V_{50} =		101		
EXPOSURE CATEGORY:		C		
MEAN BUILDING HEIGHT (FT) =		20.00		
END ZONE DIMENSION (FT) a =		4.00		
ROOF STYLE:		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 & W 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
Zone 1	17.6	-31.5	15.1	-27.9
Zone 2	17.6	-43.5	15.1	-37.5
Zone 3	17.6	-43.5	15.1	-37.5
Zone 4	17.6	-43.5	15.1	-37.5
Zone 5	17.6	-43.5	15.1	-37.5
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
Zone 5	23.5	-31.5	22.5	-29.5
Zone 6	23.5	-31.5	22.5	-29.5
Zone 7	23.5	-31.5	22.5	-29.5
Zone 8	23.5	-31.5	22.5	-29.5
Zone 9	23.5	-31.5	22.5	-29.5
Zone 10	23.5	-31.5	22.5	-29.5
Zone 11	23.5	-31.5	22.5	-29.5
Zone 12	23.5	-31.5	22.5	-29.5
Zone 13	23.5	-31.5	22.5	-29.5
Zone 14	23.5	-31.5	22.5	-29.5
Zone 15	23.5	-31.5	22.5	-29.5
Zone 16	23.5	-31.5	22.5	-29.5
Zone 17	23.5	-31.5	22.5	-29.5
Zone 18	23.5	-31.5	22.5	-29.5
Zone 19	23.5	-31.5	22.5	-29.5
Zone 20	23.5	-31.5	22.5	-29.5
Zone 21	23.5	-31.5	22.5	-29.5
Zone 22	23.5	-31.5	22.5	-29.5
Zone 23	23.5	-31.5	22.5	-29.5
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Zone 25	23.5	-31.5	22.5	-29.5
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Zone 27	23.5	-31.5	22.5	-29.5
Zone 28	23.5	-31.5	22.5	-29.5
Zone 29	23.5	-31.5	22.5	-29.5
Zone 30	23.5	-31.5	22.5	-29.5
Zone 31	23.5	-31.5	22.5	-29.5
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Zone 46	23.5	-31.5	22.5	-29.5
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Zone 50	23.5	-31.5	22.5	-29.5
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Zone 53	23.5	-31.5	22.5	-29.5
Zone 54	23.5	-31.5	22.5	-29.5
Zone 55	23.5	-31.5	22.5	-29.5
Zone 56	23.5	-31.5	22.5	-29.5
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Zone 62	23.5	-31.5	22.5	-29.5
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Zone 69	23.5	-31.5	22.5	-29.5
Zone 70	23.5	-31.5	22.5	-29.5
Zone 71	23.5	-31.5	22.5	-29.5
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Zone 74	23.5	-31.5	22.5	-29.5
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Zone 78	23.5	-31.5	22.5	-29.5
Zone 79	23.5	-31.5	22.5	-29.5
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Zone 81	23.5	-31.5	22.5	-29.5
Zone 82	23.5	-31.5	22.5	-29.5
Zone 83	23.5	-31.5	22.5	-29.5
Zone 84	23.5	-31.5	22.5	-29.5
Zone 85	23.5	-31.5	22.5	-29.5
Zone 86	23.5	-31.5	22.5	-29.5
Zone 87	23.5	-31.5	22.5	-29.5
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Zone 89	23.5	-31.5	22.5	-29.5
Zone 90	23.5	-31.5	22.5	-29.5
Zone 91	23.5	-31.5	22.5	-29.5
Zone 92	23.5	-31.5	22.5	-29.5
Zone 93	23.5	-31.5	22.5	-29.5
Zone 94	23.5	-31.5	22.5	-29.5
Zone 95	23.5	-31.5	22.5	-29.5
Zone 96	23.5	-31.5	22.5	-29.5
Zone 97	23.5	-31.5	22.5	-29.5
Zone 98	23.5	-31.5	22.5	-29.5
Zone 99	23.5	-31.5	22.5	-29.5
Zone 100	23.5	-31.5	22.5	-29.5



MAIN FLOOR PLAN
 SCALE 1/4" = 1'-0"

- 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.

- 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
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SQUARE FOOTAGE CHART

MAIN FLOOR HEATED & COOLED AREA:	992
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GARAGE AREA TO FRAME:	N/A
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2ND FLOOR HEATED & COOLED AREA:	N/A
TOTAL HEATED AND COOLED AREA:	992
TOTAL UNDER BEAM AREA:	1021

NOTE: ALL AREA CALCULATIONS AREA TO BE DONE TO EXTERIOR OF FRAMING.

STREET ADDRESS:
 398 SW SANDERSWAY

CITY/STATE:
 FORT WHITE, FL.

ZIP:
 32038

COUNTY:
 COLUMBIA

PHASE: N/A
LOT: N/A
BLOCK: N/A

DRAFTING DATES:
 PRELIM. : 4/11/2024 JPH
 PERM. : X
 FINAL : X

Floor Plan

SUWANNEE
 "CLASSIC"

RED DOOR
 homes

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 NORTH CENTRAL FLORIDA

JOB # : 12-231
SALEMI-RUSSELL

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.



Digitally signed
by Craig E
Gunderson
Date:
2024.06.07
13:06:42-04'00'

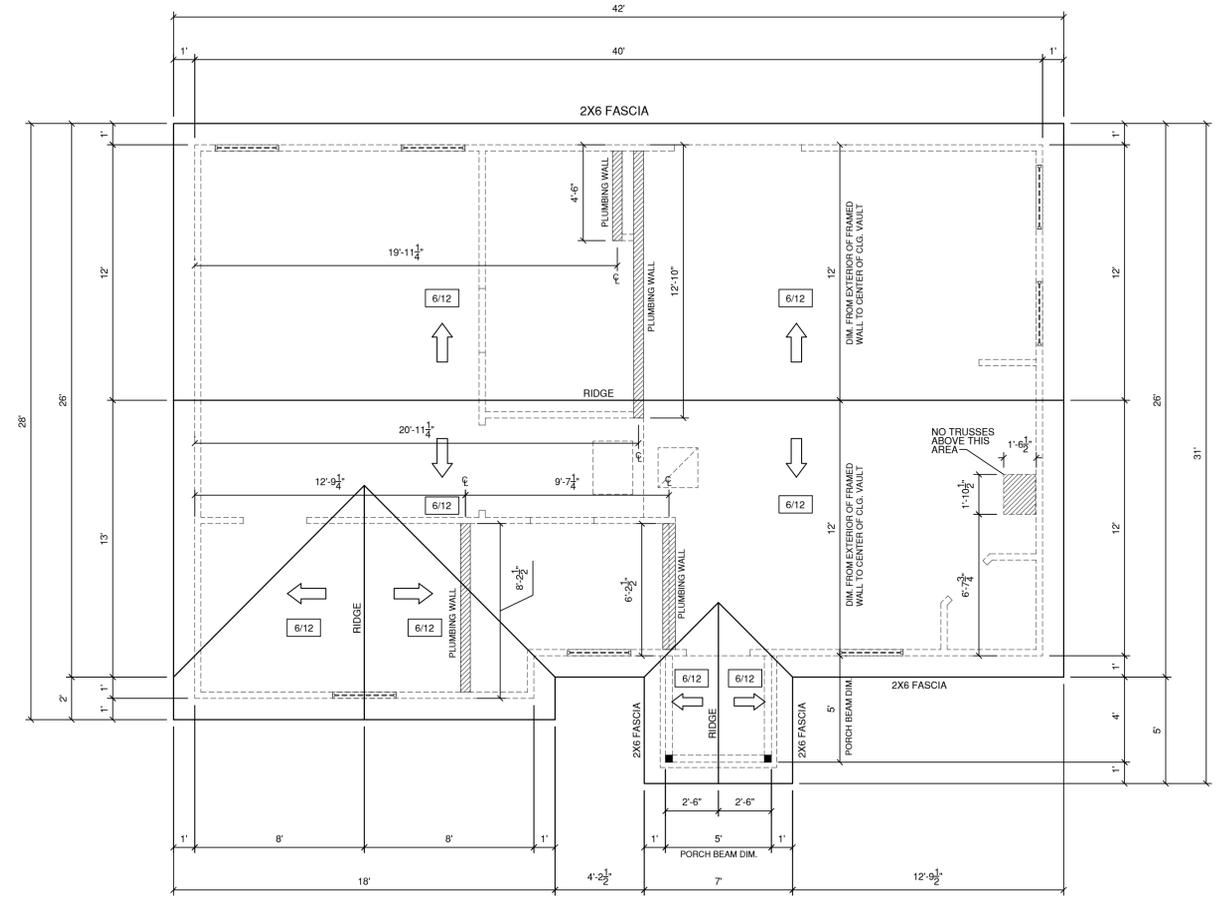
CRAG E. GUNDERSON, State of Florida, Professional Engineer, License No. 60102. This seal has been digitally signed and sealed by Craig E. Gunderson, P.E. on the date indicated to the left using a SHA-256 cryptographic code. Printed copies of this document are not considered signed and sealed until the signature has been 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



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

SQUARE FOOTAGE CHART

MAIN FLOOR HEATED & COOLED AREA:	992
COVERED FRONT PORCH AREA:	29
GARAGE AREA TO FRAME:	N/A
COVERED REAR LANAI AREA:	N/A
2ND FLOOR HEATED & COOLED AREA:	N/A
TOTAL HEATED AND COOLED AREA:	992
TOTAL UNDER BEAM AREA:	1021

NOTE: ALL AREA CALCULATIONS AREA TO DONE TO EXTERIOR OF FRAMING.

STREET ADDRESS:
398 SW SANDERSWAY

CITY/STATE:
FORT WHITE, FL.

ZIP:
32038

COUNTY:
COLUMBIA

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Roof Plan
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Attic Vent Calculation

Attic Area 1021 ÷ 300 = 3.40333
Vent Area Required 3.4033 ÷ 2 = 1.70167
Locate in upper 1/2 1.7017 ÷ 0.72 = 2.36343
4 ft off Ridge vents 2

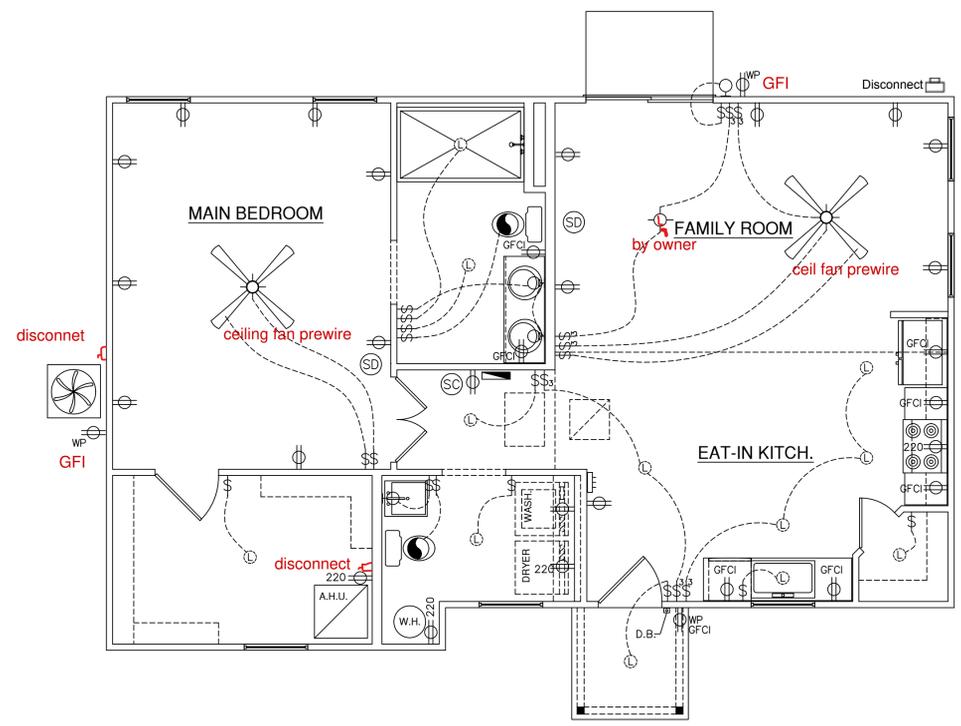
JOB # : 12-231
SALEMI-RUSSELL

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Digitally signed
 by Craig E
 Gunderson
 Date:
 2024.06.07
 13:06:43-04'00'

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

ELECTRICAL LEGEND

	DUPLEX OUTLET
	GFCI 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"

GENERAL BUILD'G NOTES

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Electric Plan

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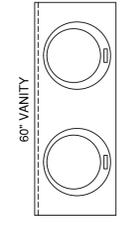
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 Craig E. Gunderson, P.E. #060102



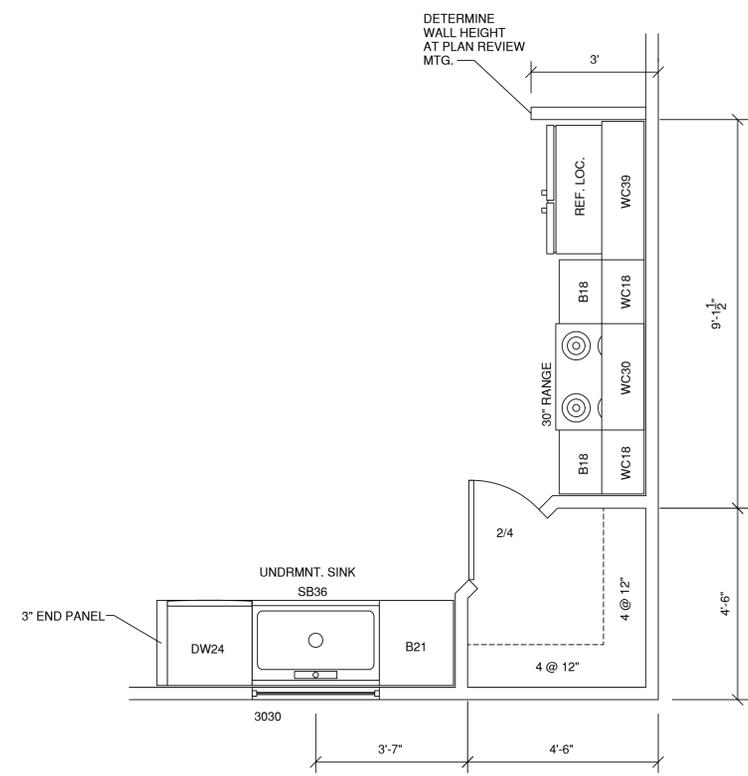
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CABINET LEGEND
 B: BASE CABINET
 WC: WALL CABINET
 CBC: CORNER BASE CABINET
 CWC: CORNER WALL CABINET
 SB: SINK BASE CABINET
 FSB: FARMHOUSE SINK BASE



MAIN BATHROOM VANITY CAB.
 SCALE 1/2" = 1'-0"



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

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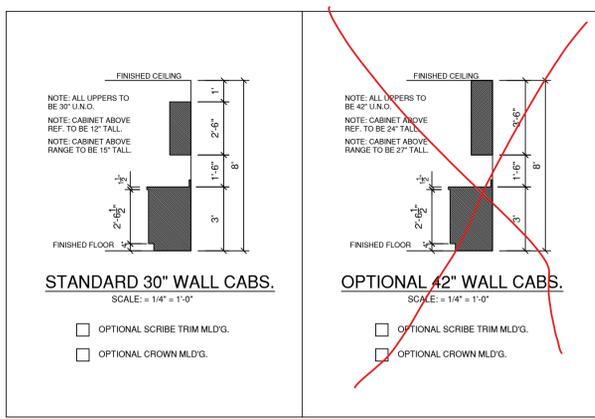
Cabinet Plan

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JOB # : 12-231
SALEMI-RUSSELL



STANDARD 30" WALL CABS.
 SCALE: = 1/4" = 1'-0"

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

OPTIONAL 42" WALL CABS.
 SCALE: = 1/4" = 1'-0"

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

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.

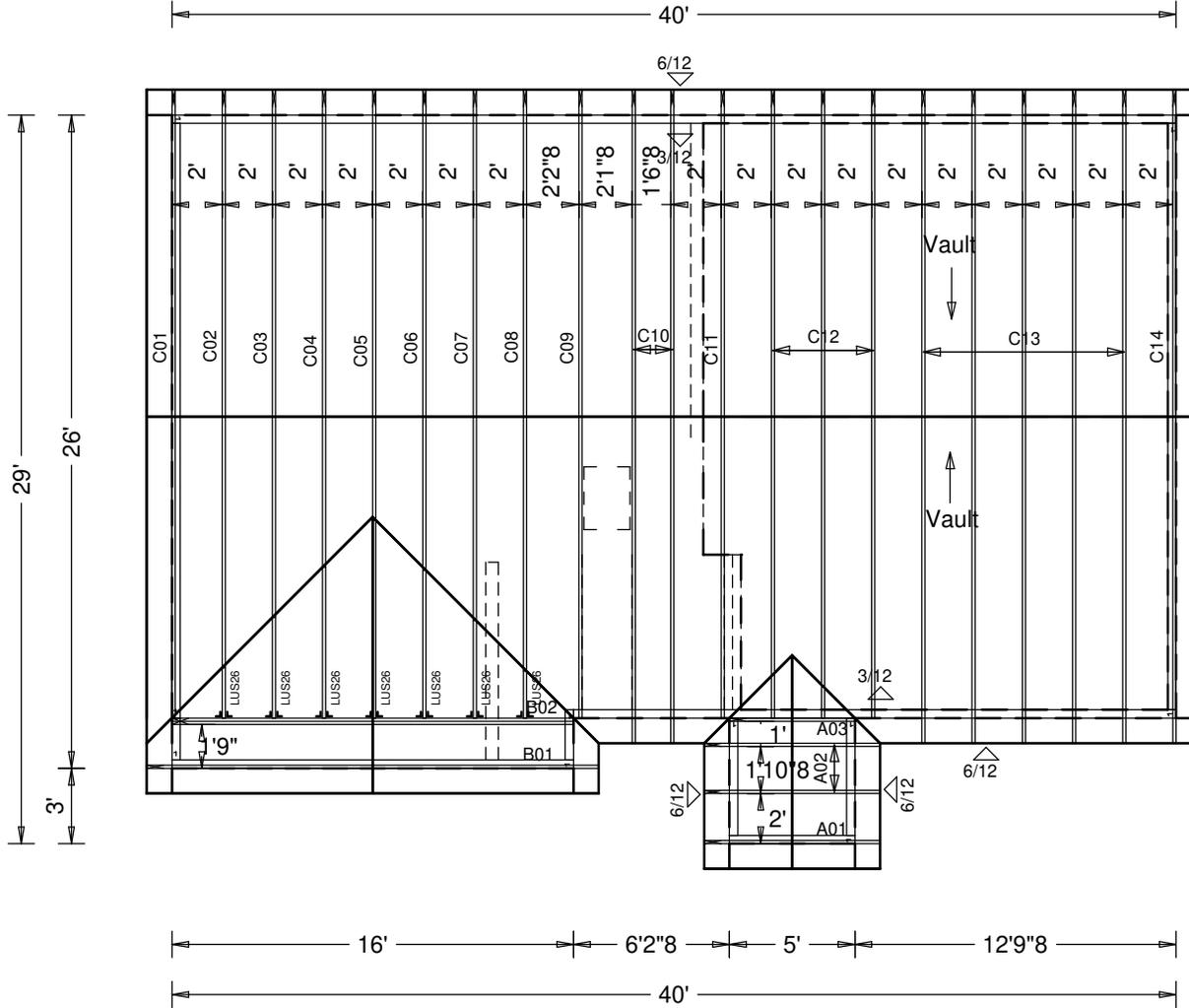


FLORIDA ENGINEERING, LLC
4567 TAMARAC TRAIL, UNIT 101
PORT CHARLOTTE, FL 33952
PH: (843) 391-0960
FAX: (843) 373-8196

Craig E Gunderson

Digitally signed
by Craig E
Gunderson
Date:
2024.06.07
13:10:47-04'00'

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



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: 130 mph
EXPOSURE: C
DATE: 5/7/24

Truss to Truss Connectors:
(7) LUS26

JOB #: 24-1030

Job Name: SALEM/RUSSELL RESIDENCE
Customer: Red Door Homes
Designer: Kelly Caudill
ADDRESS: 398 SW Sanders Way
Salesman: RL
: 05-14-2024

JOB NO:
24-1030

PAGE NO:
1 OF 1

GENERAL NOTES:

1. 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.
2. ALL STRUCTURAL DESIGN HAS BEEN CARRIED OUT PER THE PROVISIONS OF CHAPTER 16 OF THE BUILDING CODE, AS WELL AS ASCE 7.
3. ENGINEERING DESIGNS PROVIDED IN THESE DETAIL, SPECIFICATIONS REPRESENT THE MINIMUM DESIGN CRITERIA FOR CONSTRUCTION TO THE CODES IDENTIFIED ABOVE.
4. 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.
5. THE PRESUMPTIVE LOAD-BEARING VALUES OF THE FOUNDATION SOIL IS TO BE 2000PSF BASED ON THE TABLE R401.4.1, OF THE BUILDING CODE.
6. ENGINEER HAS NOT PROVIDED ANY JOB SITE INSPECTIONS UNLESS SPECIFICALLY ARRANGED.
7. 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.
8. 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.
9. 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
10. 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
11. 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.
12. NO ENVIRONMENTAL STUDIES HAVE BEEN PERFORMED BY THE ENGINEER, AND IF REQUIRED ARE THE RESPONSIBILITY OF THE CONTRACT.
13. 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.
14. 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
15. ALL MATERIAL INSTALLATIONS ARE TO BE PER THE CODES AND STANDARDS REFERENCED

FASCIA & SOFFIT VENTING:

1. MINIMUM 2"x4" SUB FASCIA NAILED TO TRUSS TAILS W/ (2) 16D NAILS AT EACH TRUSS - (EACH PLY WHEN MULTIPLE TRUSS.
2. TYPICAL DRIP EDGE & SOFFIT FASCIA INSTALLED TO MFG SPECIFICATIONS
3. 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
4. SOFFITS SHALL BE CAPABLE OF RESISTING THE DESIGN PRESSURES SPECIFIED IN TABLE R301.2(2).
5. ENTRY LANAI CEILING SPECIFICATION OPTIONS:
 - 5.1. 1" SAG RESISTANT GYPSUM BOARD OVER 1"x4" P.T. FURRING STRIPS NAILED @ 16" O.C. W/ (2) 8D NAILS EACH TRUSS
 - 5.2. 3/4" NOMINAL PLYWOOD OR OSB FASTENED W/ 8D NAILS 6" O.C. OR 3/8" X 1 1/2" STAPLES 4" O.C.
 - 5.3. 5/8" SAG RESISTANT EXTERIOR DRYWALL.

GENERAL STRUCTURAL NOTES:

1. 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.
2. 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.
3. 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 OF ERECTION BRACING, TEMPORARY SUPPORTS ETC. IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR.
4. 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.
5. 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.
6. 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.
7. GARAGE TO LIVING DOOR TO BE SOLID W/ 20 MINUTE FIRE RATING & SELF CLOSING HINGES.
8. GARAGE TO DWELLING SEPARATION TO HAVE 3/4" GYPSUM BOARD ON GARAGE SIDE WALLS & 3/8" TYPE "X" ON CEILINGS W/ HABITABLE ROOMS ABOVE PER FBC 2023 R302.6.
9. 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:

1. THE BUILDING SHALL BE PREPARED AND TESTED IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE GEOTECHNICAL ENGINEER.
2. 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 :

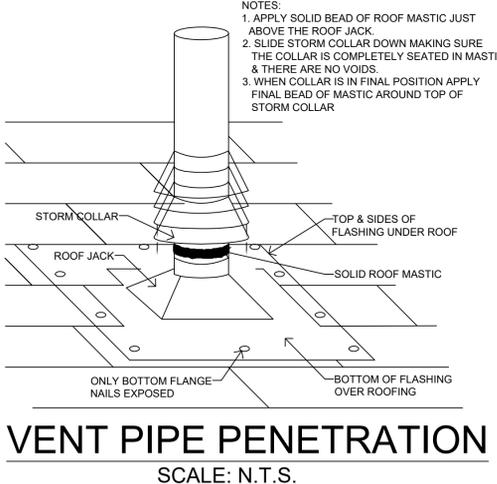
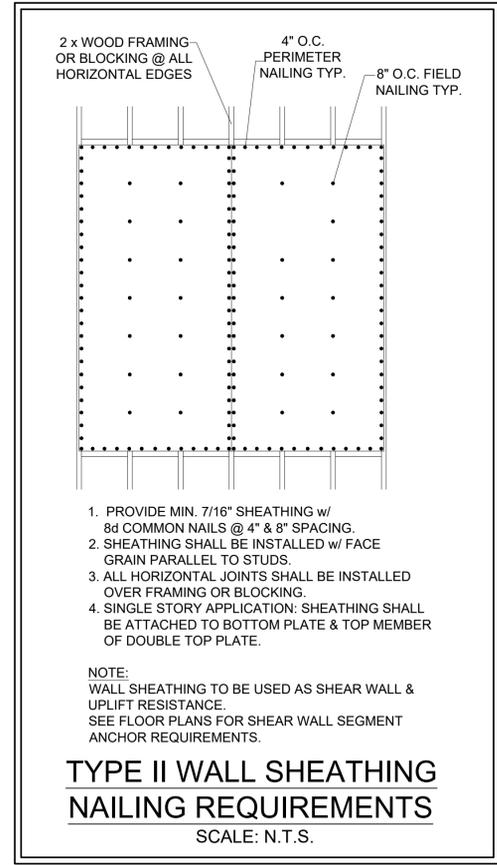
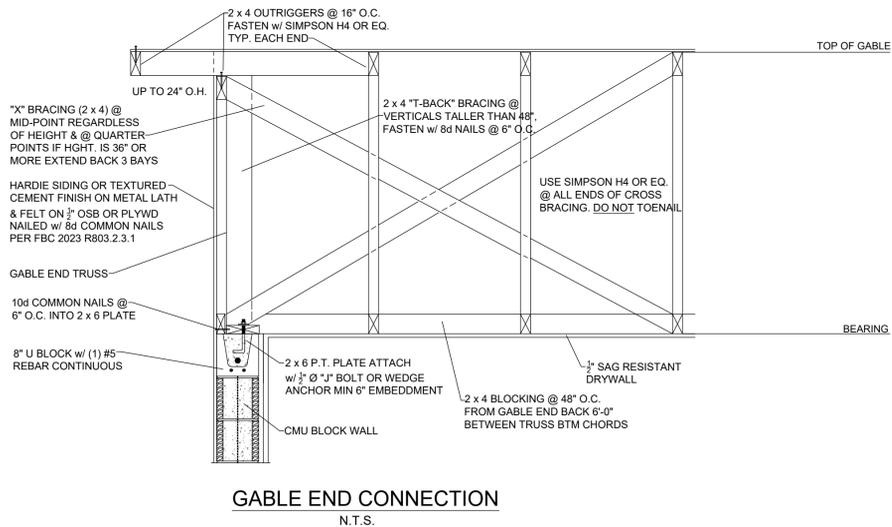
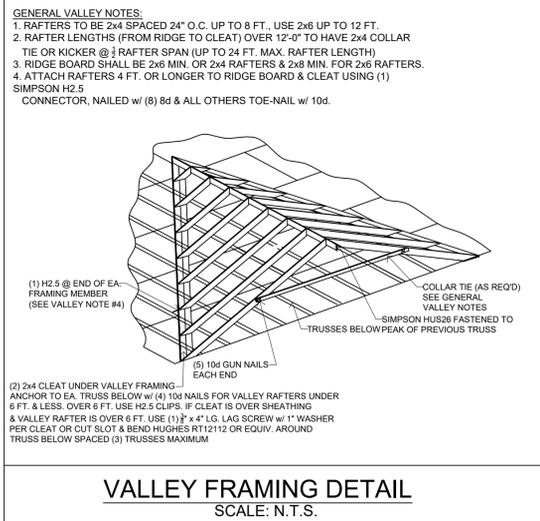
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- 2023 FLORIDA BUILDING CODE, 8th EDITION, BUILDING
- 2023 FLORIDA BUILDING CODE, 8th EDITION, RESIDENTIAL
- 2023 FLORIDA BUILDING CODE, 8th EDITION, EXISTING BUILDING
- 2023 FLORIDA BUILDING CODE, 8th EDITION, MECHANICAL
- 2023 FLORIDA BUILDING CODE, 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

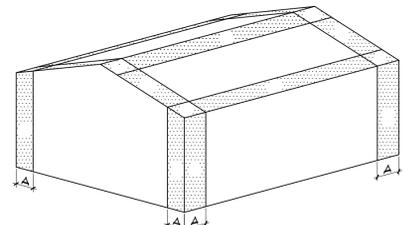
TRUSS CONNECTION NOTES:
 TRUSS TO MASONRY w/ UPLIFT UP TO 1,810# USE (1) SIMPSON HETA20 OR EQ. U.N.O.
 TRUSS TO MASONRY w/ UPLIFT FROM 1,811# TO 2,365# USE (2) SIMPSON HETA20 OR EQ. U.N.O.
 GIRDER TO MASONRY USE (2) SIMPSON HETA20 OR EQ. UNLESS NOTED OTHERWISE
 TRUSS TO WOOD w/ UPLIFT UP TO 1,310# USE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

ALL STRUCTURAL LUMBER TO BE SYP NO 2 OR BETTER



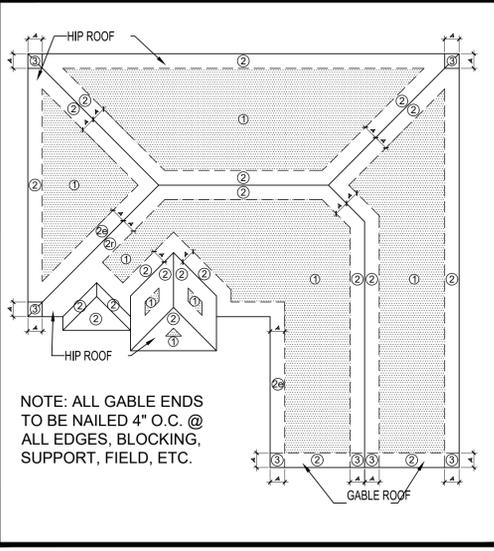
ROOF PLAN NOTES

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).

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



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	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	6	6	6	6	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.



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Private Provider Plan Review
 Completed by Michael Williams
 Licenses: RJ2215, F44929, SM7222
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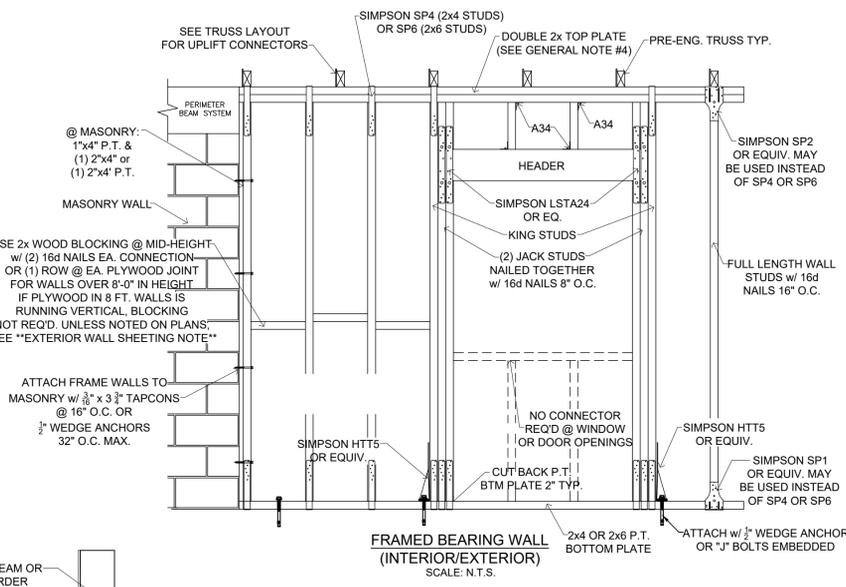
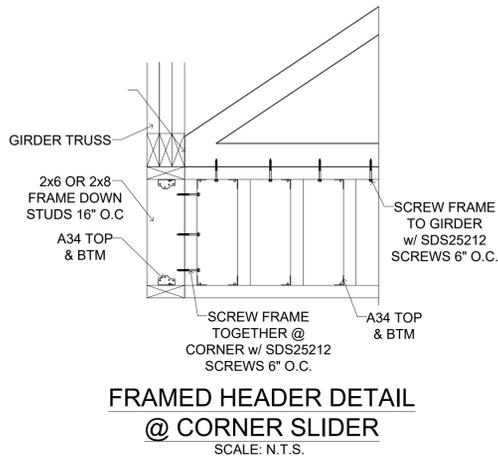
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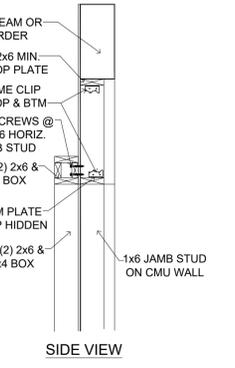
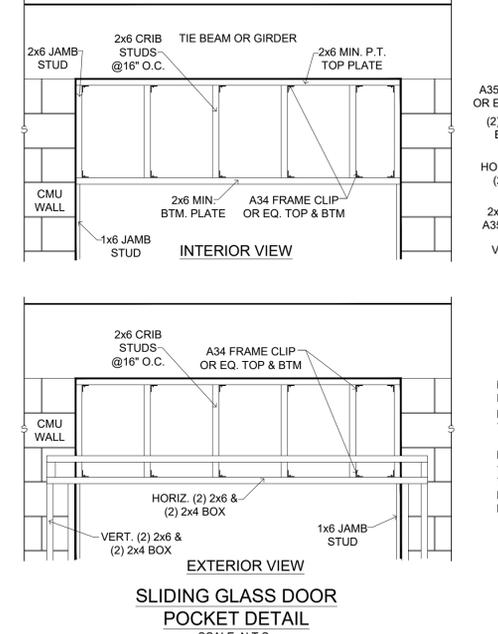
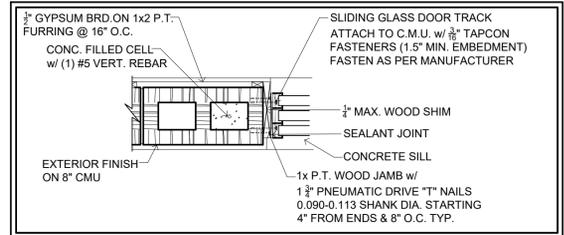
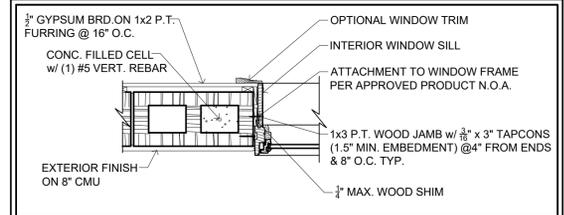
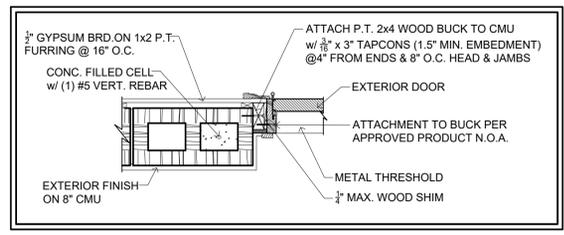
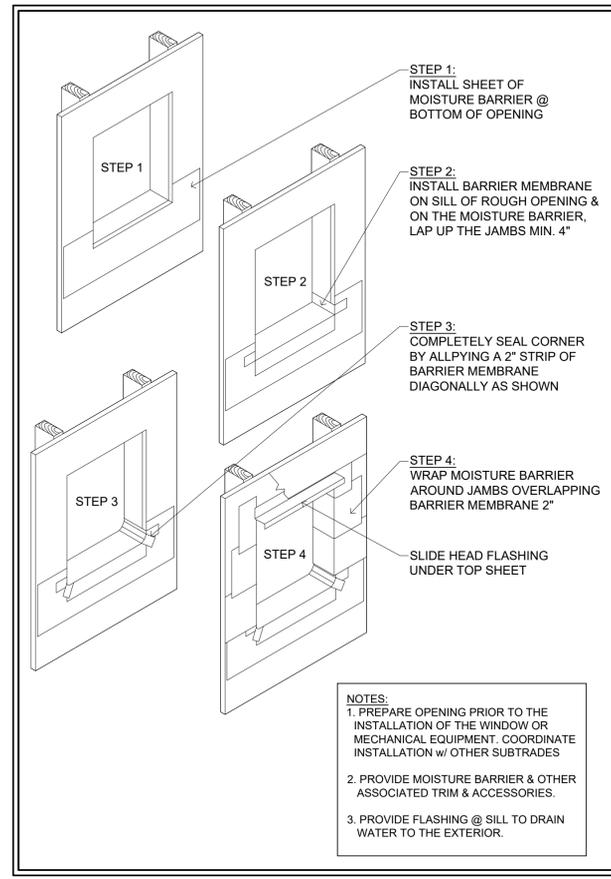
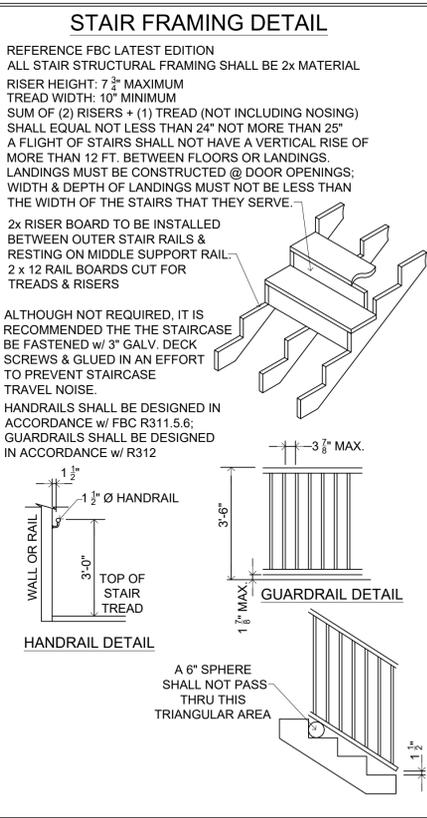
NOTE SCHEDULE

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

NOTE: DBL 2 x 12 HEADER MAX. SPAN = 12'-11" ALL OTHER SPANS SHALL BE SPECIFIED



NOTE: IF CRIB STUDS ARE NOT REQ'D, BOX 2x4 ADJACENT TO WALL CONNECTS DIRECTLY TO THE BEAM w/ 3/8" X 3 1/2" LG. TAPCONS 6" FROM ENDS @ 16" O.C.

NOTE: HORIZ. BOX MAY BE CONSTRUCTED w/ 2x6 IN LIEU OF THE 2x6 MEMBERS IF THE POCKET FOR THE SLIDING GLASS DOOR REQUIRES MORE DEPTH. VERIFY THIS PRIOR TO INSTALLATION.

NOTES:

1. ATTACH 2x6 TOP PLATE TO TIE BEAM OR GIRDER w/ 3/8" X 3 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) 3/8" TAPCONS IN CMU WALL. (CLIP MAY BE ON TOP OR BOTTOM OF PLATE).
3. ATTACH 2x6 JAMB STUDS TO CMU WALL w/ 3/8" X 3 1/2" LG. TAPCONS STARTING 6" FROM TOP @ 16" O.C.
4. ATTACH 1x6 JAMB PLATES TO CMU w/ 3/8" X 2 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

1. THE HEADER STUD SHALL NOT BE REQUIRED IF THE HEADER IS SUPPORTED BY A SUITABLE FRAMING ANCHOR.

2. IF GO BOLT OR PRO BOLT OR TIE MAX ANCHOR OR SIMPSON SYSTEM IS INSTALLED, CONNECTORS INDICATED IN THIS DETAIL ARE NOT REQUIRED.

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

MAXIMUM HEADER SPAN (FEET)

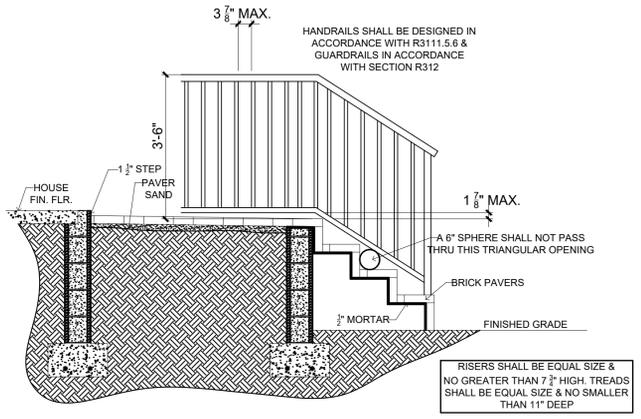
4'	6'	9'	12'	15'	18'
1	1	2	3	3	3

STRAP LOCATION 10d x 1 1/2" NAILS

STRAP LOCATION	FASTENERS	UPLIFT
2x4 AND 2x6 WALL	10d	750
SIMPSON MSTA (flat strap)	A	1055
	A	1215
	A	1370
2x4 WALL	B,C	735
SIMPSON SP4	B,C	1240
	B,C	1360
2x6 WALL	B,C	735
SIMPSON SP4	B,C	1240
	B,C	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



Digitally signed by Craig E Gunderson Date: 2024.06.07 13:06:47-04'00'

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I HEREBY CERTIFY AS THE BUILDING DESIGN ENGINEER OF THESE PLANS AND AS ACCOMPANIED BY DESIGN & SUPPORT DOCUMENTS THAT THESE PLANS AND DOCUMENTS COMPLY WITH THE FLORIDA BUILDING CODE, THE FLORIDA MECHANICAL CODE, THE FLORIDA ELECTRICAL CODE, THE FLORIDA PLUMBING AND MECHANICAL CODE, THE FLORIDA GAS PIPING CODE, THE FLORIDA SOLENOID VALVE CODE, THE FLORIDA SWIMMING POOL AND SPAS CODE, THE FLORIDA TRUSS DESIGN ENGINEER & THE FLORIDA WOOD PRESERVATION CODE. THIS PLAN HAS BEEN PREPARED IN COMPLIANCE WITH THE 2023 INTERNATIONAL BUILDING CODE WITH SUPPLEMENTS. 8th EDITION FLORIDA BUILDING CODE WITH SUPPLEMENTS.

Private Provider Plan Review
Completed by Michael Williams
Licenses: BU2215, PK4023, BN7822
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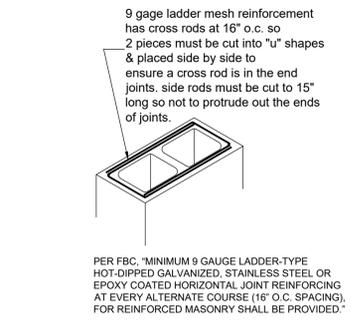
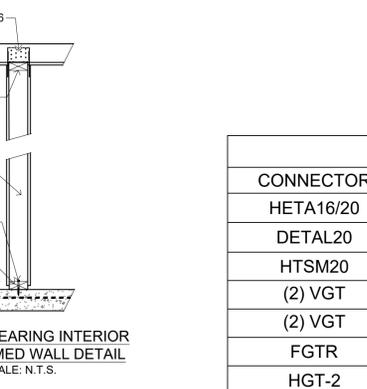
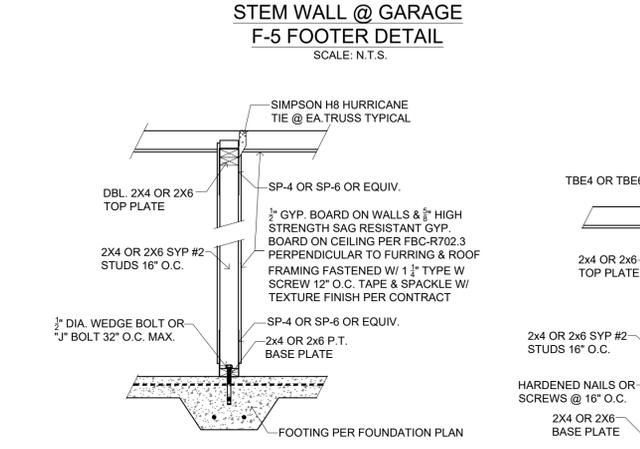
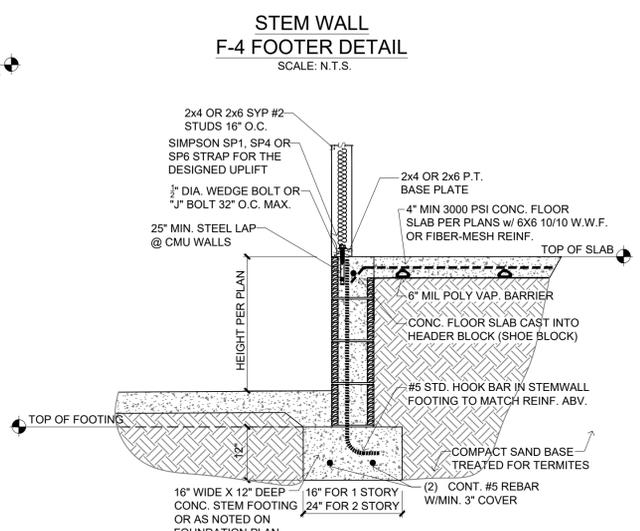
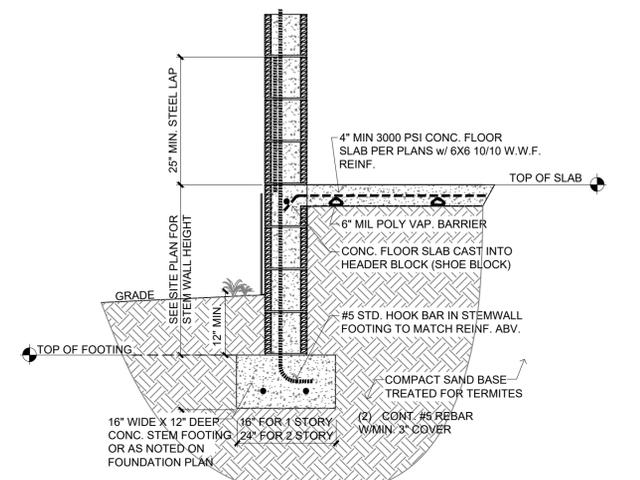
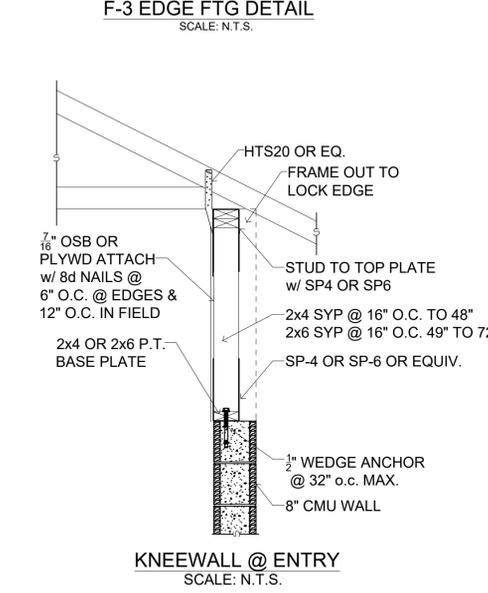
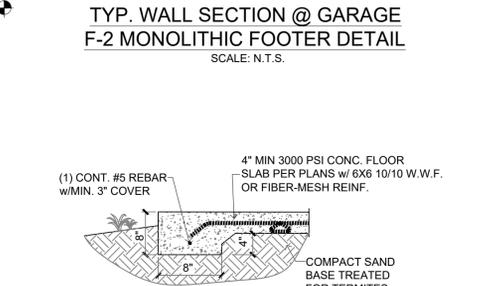
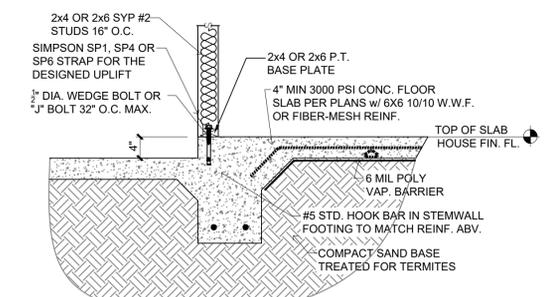
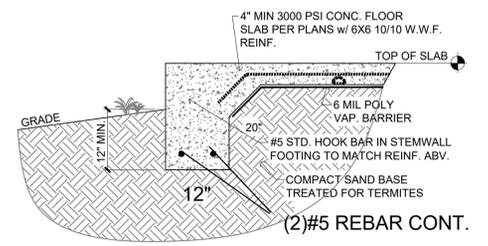
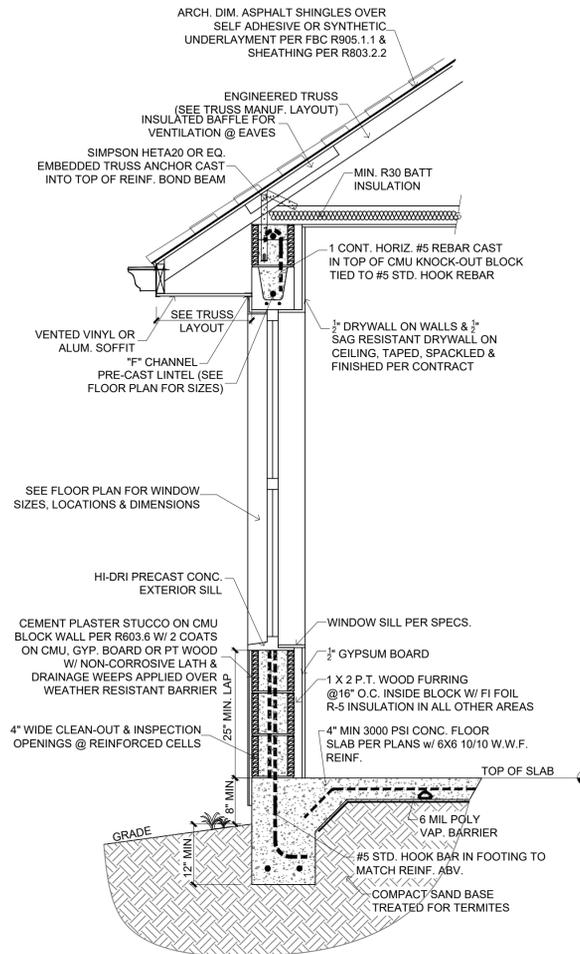
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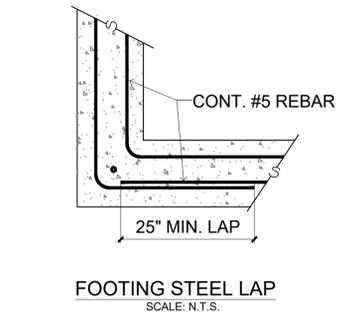
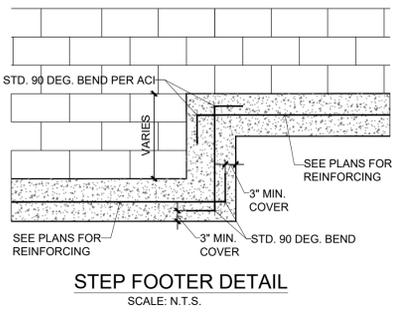
S-2



Notes and assumptions

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



REFER TO FOUNDATION PLAN FOR SIZE AND REINFORCEMENT OF ALL FOUNDATIONS INCLUDING STEM WALLS, MONOLITHIC, AND INTERIOR BEARING FOOTERS.

ROOF TRUSS CONNECTORS		
CONNECTOR	MAX. UPLIFT (LBS)	NOTES
HETA16/20	1810	TRUSS TO CONCRETE BEAM
DETAL20	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

Digitally signed by Craig E Gunderson Date: 2024.06.07 13:06:48-04'00'

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I HEREBY CERTIFY AS THE BUILDING DESIGN ENGINEER OF THESE PLANS AND AS ACCOMPANIED BY DESIGN & SUPPORT DOCUMENTS THAT THE DESIGN AND CONSTRUCTION OF THE PROJECT SHALL BE IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, THE CERTIFICATION DOES NOT MAKE THE ENGINEER OR THIS FIRM RESPONSIBLE FOR THE DESIGN OR CONSTRUCTION OF THE PROJECT. THIS PLAN HAS BEEN PREPARED IN COMPLIANCE WITH THE 2023 BUILDING CODE WITH SUPPLEMENTS.

Private Provider Plan Review
Completed by Michael Williams
Licenses: BL2215, PK929, DN7922
Or Associated Day Architect Representative
FREEDOM ENGINEERING

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-3