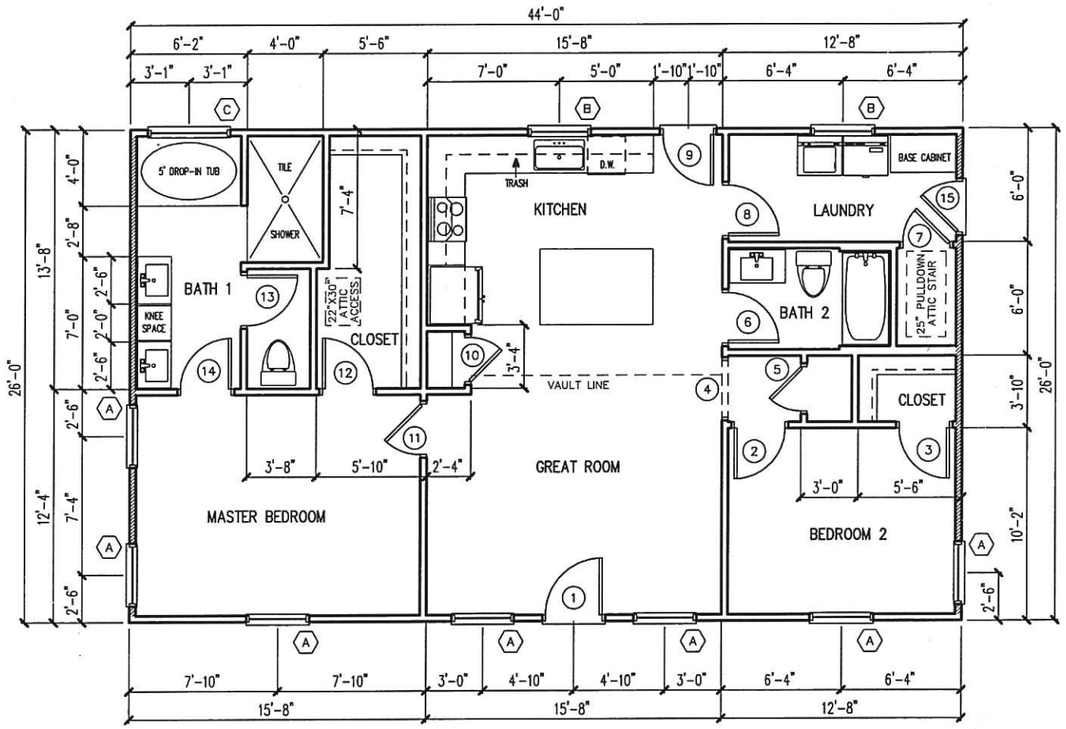


FLOOR PLAN

SCALE: 1/8" = 1'-0"

DOOR SCHEDULE

MARK	WIDTH	HEIGHT	REMARKS
1	3'-0"	6'-8"	SOLID CORE EXTERIOR DOOR
2	2'-8"	6'-8"	HOLLOW CORE DOOR
3	2'-8"	6'-8"	HOLLOW CORE DOOR
4	3'-0"	6'-8"	CASED OPENING
5	2'-4"	6'-8"	HOLLOW CORE DOOR
6	2'-8"	6'-8"	HOLLOW CORE DOOR
7	2'-4"	6'-8"	HOLLOW CORE DOOR
8	2'-8"	6'-8"	HOLLOW CORE DOOR
9	2'-8"	6'-8"	SOLID CORE EXTERIOR DOOR
10	2'-4"	6'-8"	HOLLOW CORE DOOR
11	2'-8"	6'-8"	HOLLOW CORE DOOR
12	2'-8"	6'-8"	HOLLOW CORE DOOR
13	2'-8"	6'-8"	HOLLOW CORE DOOR
14	2'-8"	6'-8"	HOLLOW CORE DOOR
15	2'-8"	6'-8"	SOLID CORE EXTERIOR DOOR

WINDOW SCHEDULE

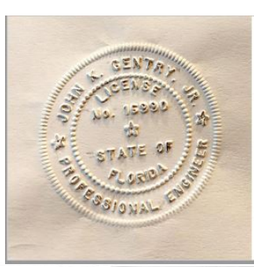
MARK	WIDTH	HEIGHT	REMARKS	HEAD HEIGHT	EGRESS
A	3'-0"	5'-2"	SINGLE UNIT-SINGLE HUNG	6'-8"	***
B	3'-0"	3'-0"	SINGLE UNIT-SINGLE HUNG	6'-8"	
C	4'-0"	4'-0"	PICTURE UNIT-TEMPERED	6'-8"	

*** MEETS FBCR 310.21 NET CLEAR OPENING REQUIREMENTS

WINDOWS AND DOORS SHALL BE LABELED TO BE IN ACCORDANCE WITH CURRENT WIND LOAD PRESSURE OF -40 PSF

EXTERIOR SHEAR WALLS

These plans comply with 2023 Florida Building Code, 120 mph wind speed (3 sec. gust)



This has been electronically signed and seal by John K. Gentry using a Digital Signature and date. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

John Gentry, PE

Digitally signed by John Gentry, PE
Date: 2024.07.19 15:47:43 -04'00'

John K. Gentry, P.E.#16990
[illegible]
Perry, FL 32348
(850) 7[illegible]

DATE: 04-10-2024

PAGE 1 OF 7

SQUARE FOOTAGE

HEATED 1144 S.F.

TOTAL 1144 S.F.

Mary Johnson

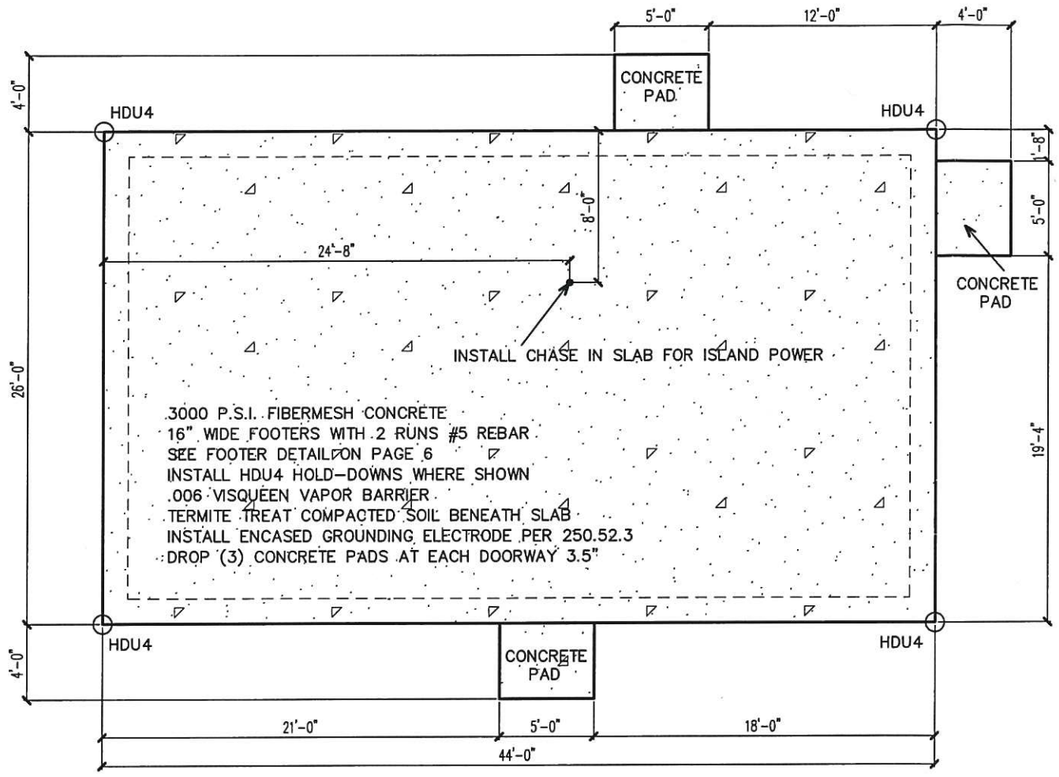
SE High Falls Rd. Lake City, Florida

CHRISMILL HOMES FLORIDA

FOUNDATION PLAN

SCALE: 1/8" = 1'-0"

* OVERHEAD PEX PLUMBING *



CONCRETE CONTROL JOINTS SHALL BE LOCATED 15-20' APART. CUT JOINTS 1/4" DEEP INTO SLAB. METAL KEYWAY SCREED STRIPS MAY BE SUBSTITUTED. JOINTS MAY BE LOCATED NEAR A WALL.

INSTALL GUTTERS AND DOWNSPOUTS, AND FINISH SLOPE TO DIRECT RUNOFF AWAY FROM FOUNDATION. FOUNDATION WILL BE CONSTRUCTED ON A PAD OF COMPACTED FILL APPROXIMATELY 28" IN HEIGHT.

PAD IS TO BE CONSTRUCTED BY COMPACTING CLEAN FILL DIRT IN 6" LIFTS, MAXIMUM, TO 95% MODIFIED DRY DENSITY AS VERIFIED BY 2 DENSITY TESTS.

These plans comply with 2023 Florida Building Code, 120 mph wind speed (3 sec. gust)

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DATE: 04-10-2024

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SQUARE FOOTAGE			
HEATED	1144 S.F.	TOTAL	1144 S.F.

Mary Johnson

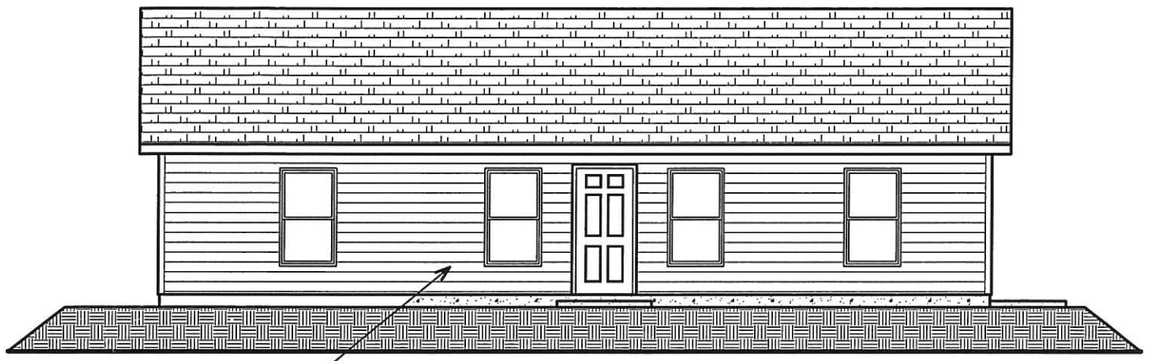
SE High Falls Rd. Lake City, Florida

CHRISMILL HOMES FLORIDA

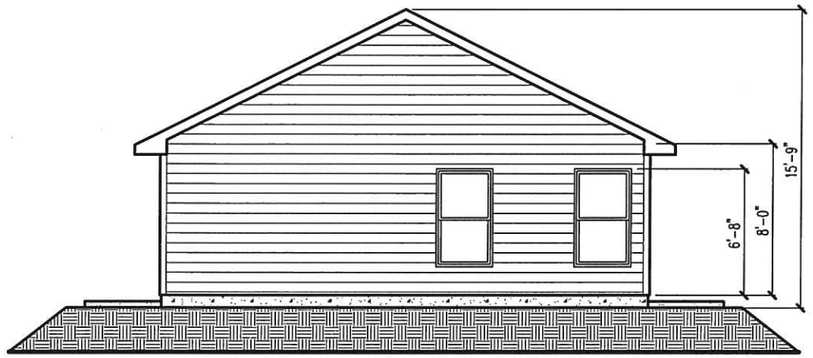
WIND DESIGN DATA:

*The Basic Wind Speed (3–second gust)–120mph
*Wind Importance Factor–1.0, Building Classification II
*Wind Exposure–B
*Category–Enclosed, GC=+/–0.18
*C&C Window and Door Pressure=–40psf

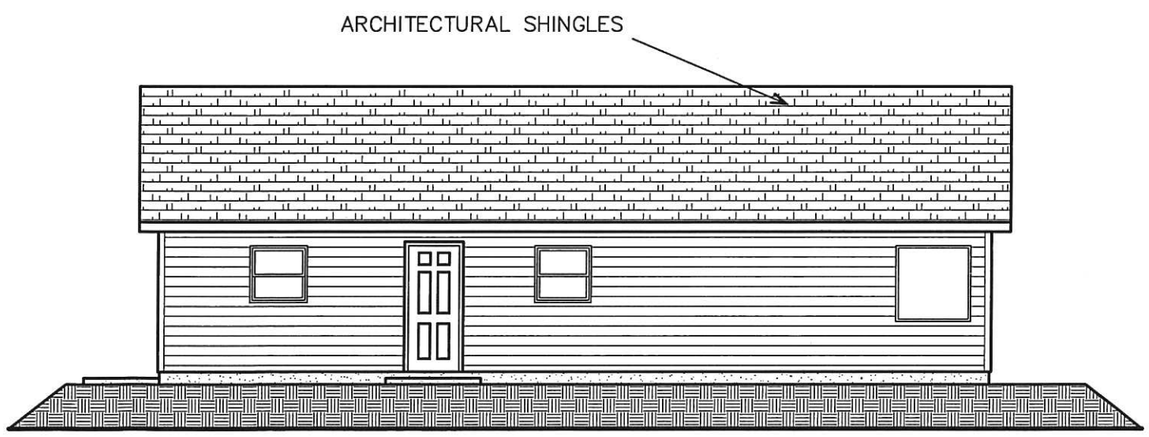
INSTALL GUTTERS AND DOWNSPOUTS, AND FINISH SLOPE TO DIRECT RUNOFF AWAY FROM FOUNDATION.
FOUNDATION WILL BE CONSTRUCTED ON A PAD OF COMPACTED FILL APPROXIMATELY 28" IN HEIGHT.



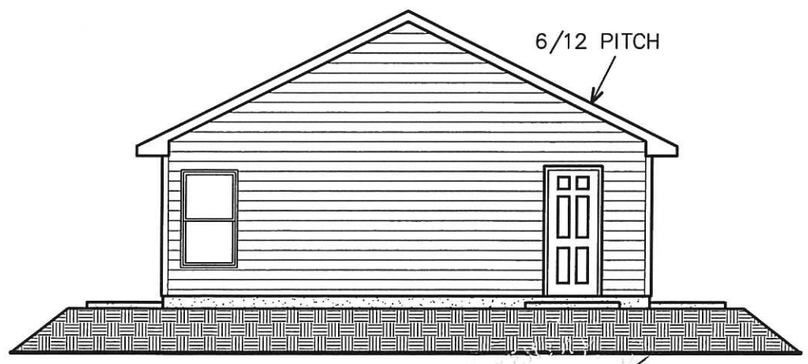
FRONT ELEVATION
SCALE: 1/8" = 1'–0"



LEFT SIDE ELEVATION
SCALE: 1/8" = 1'–0"



REAR ELEVATION
SCALE: 1/8" = 1'–0"



RIGHT SIDE ELEVATION
SCALE: 1/8" = 1'–0"

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DATE: 04–10–2024

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SQUARE FOOTAGE			
HEATED	1144 S.F.	TOTAL	1144 S.F.

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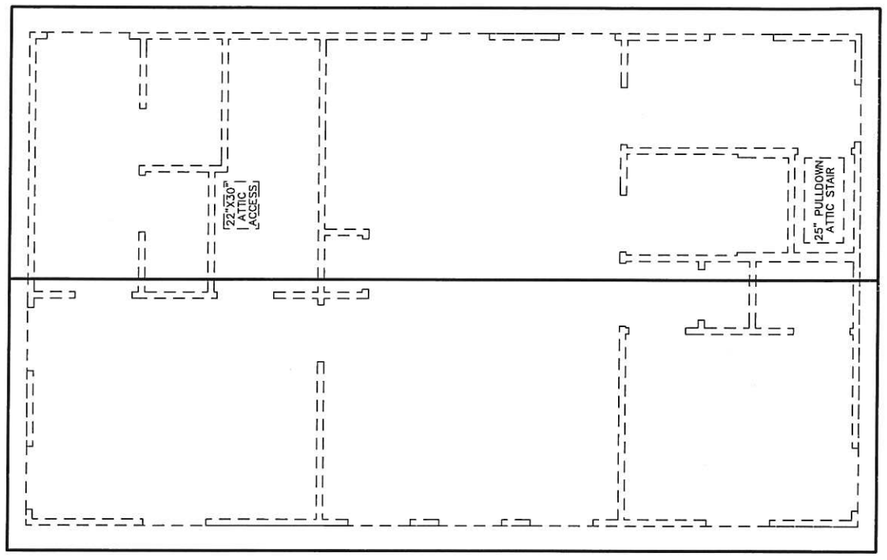
ROOF PLAN

SCALE: 1/8" = 1'-0"



6/12 ROOF PITCH
ARCHITECTURAL SHINGLES OVER SYNTHETIC UNDERLAYMENT
CONTINUOUS RIDGE VENTS
1/2" CDX OR 15/32" OSB ROOF DECKING – SEE PAGE 7 FOR NAILING PATTERNS
ENGINEERED TRUSSES 24" O.C.
SEE MANUFACTURER PROVIDED TRUSS DRAWINGS FOR BRACING DETAILS
TRUSSES TO BE MANUFACTURED PER TPI-95 AND CHAPTER 16 OF SBC

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SQUARE FOOTAGE	
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John K. Gentry 4/23/24

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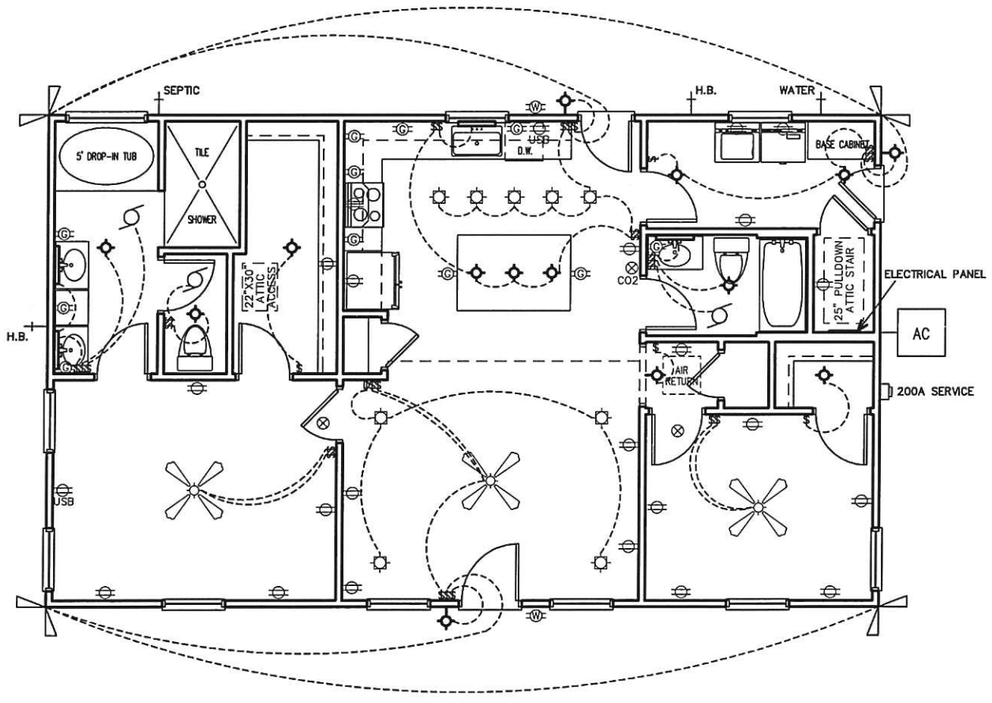
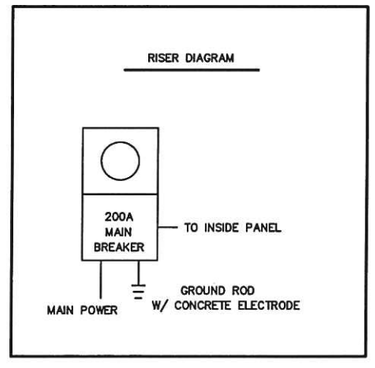
FINAL PLACEMENT OF RECEPTACLES TO BE DETERMINED ON SITE BY ELECTRICIAN PER CURRENT CODE
AIR HANDLER AND WATER HEATER ARE LOCATED IN ATTIC NEAR PULLDOWN STAIR
ALL CIRCUITS SUPPLYING OUTLETS HAVE ARC FAULT PROTECTION
UTILITY COMPANY SERVICE ENTRANCE CABLE IS UNDERGROUND



ELECTRICAL SYMBOLS

- $ WALL SWITCH
- ϕ DIMMER SWITCH
- CO2⊗ SMOKE / CO2 COMBO
- DUPLEX OUTLET
- 240 OUTLET
- Ⓦ WEATHERPROOF OUTLET
- Ⓖ GROUND FAULT OUTLET
- ⊗ SMOKE ALARM
- ◁ TELEPHONE OUTLET
- INCAND. LIGHT – CLG. MTD.
- INCAND. LIGHT. – WALL MTD.
- RECESSED LIGHT
- EXHAUST FAN
- EYEBALL LIGHT
- CEILING FAN W/ LIGHT
- CABLE TV OUTLET
- BAR MOUNT VANITY LIGHT
- DOOR CHIME



These plans comply with 2023 Florida Building Code, 120 mph wind speed (3 sec. gust)

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SQUARE FOOTAGE			
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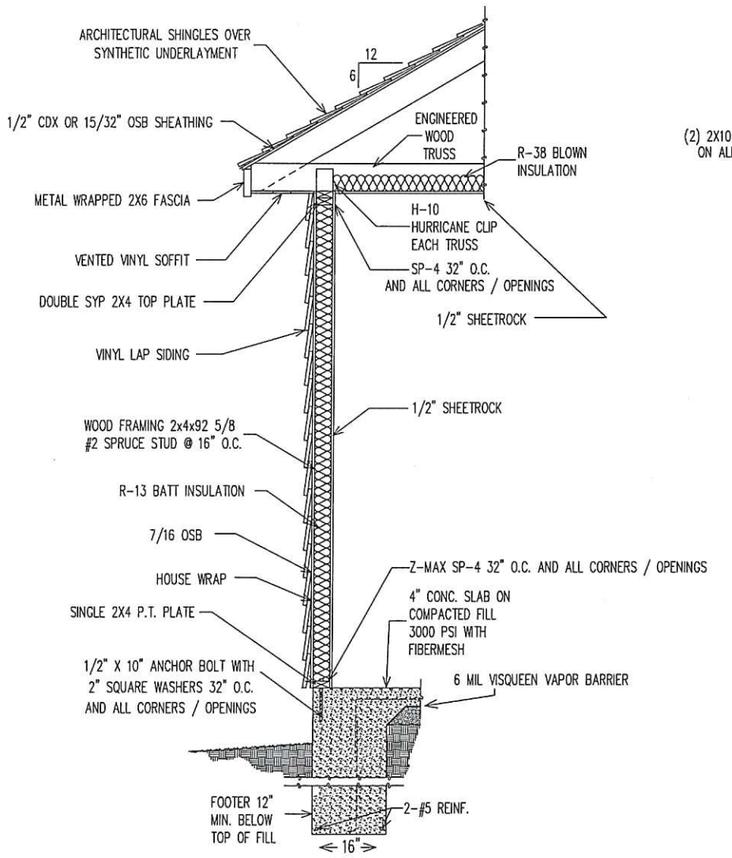
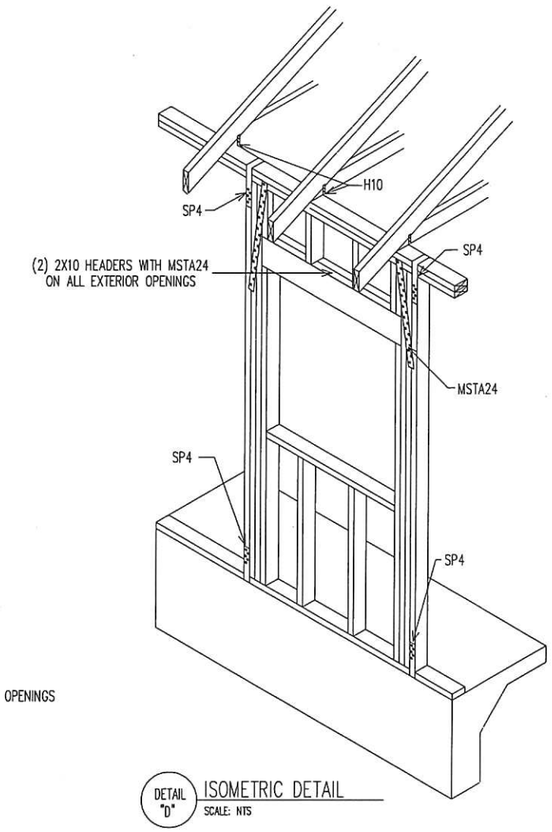


DETAIL "B" WALL SECTION FOR 120 WINDLOAD



DETAIL "D" ISOMETRIC DETAIL
SCALE: NTS

GENERAL NOTES:

DESIGN LOAD
1. LIVE LOAD = 40 PSF
2. DEAD LOAD = 10 PSF
3. WIND LOADS
BASIC WIND SPEED 120 MPH (3 SEC. GUST)
IMPORTANCE (I) = 1.0
WIND EXPOSURE = "B"
INTERNAL PRESSURE = 5 +/- PSF
ROOF COMPONENTS AND CLADDING = 50 +/- PSF
WALL COMPONENTS AND CLADDING = 40 +/- PSF

SPECIFICATIONS

DESIGN MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING STANDARDS, UNLESS OTHERWISE MODIFIED ON THE DRAWINGS:

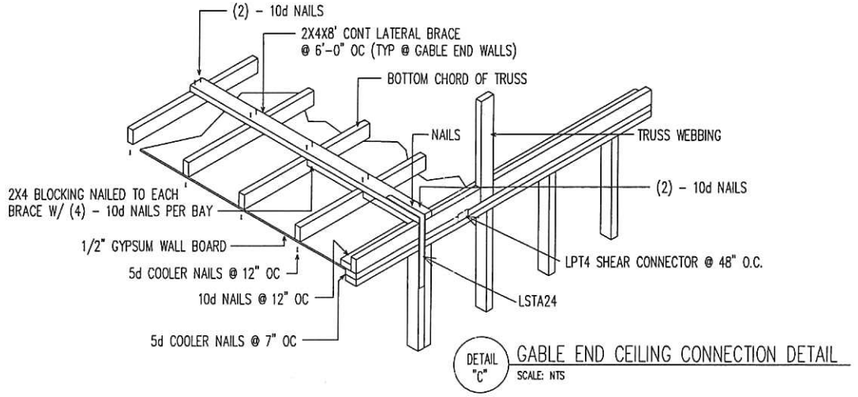
ASCE 7 MINIMUM DESIGN LOAD FOR BUILDINGS AND OTHER STRUCTURES.
ACI 318 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE.
AC315 MANUAL OF STANDARD PRACTICE FOR DETAILING CONCRETE STRUCTURES.
ACI 301 SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS.
CRSI RECOMMENDED PRACTICE FOR PLACING REINFORCING STEEL.
ACI 530/ASCE 5/TMS 402 BUILDING CODE FOR MASONRY STRUCTURES.
2023 FLORIDA BUILDING CODE

BUILDING MATERIAL

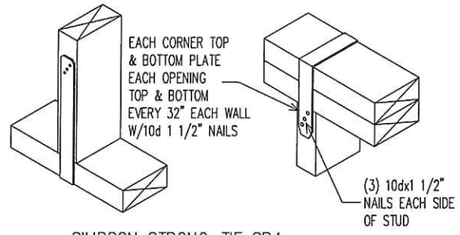
1. ROOF
A.) ROOF SHEATHING SHALL BE 1/2" APA RATED SHEATHING W 8d NAILS SPACED 4" MAXIMUM AT SUPPORTED EDGES. SPACE NAILS MAXIMUM 6" ALONG INTERMEDIATE FRAMING MEMBERS. FASTENERS SHALL BE LOCATED 3/8" FROM PANEL EDGES. MINIMUM NAIL PENETRATION SHALL BE 1-3/8" TYPICAL.
B.) NAIL SPACING SHALL BE 4" O.C. WITH 8d RING SHANK NAILS ALONG ROOFING MEMBER OVER GABLE END TRUSS.
C.) PER APA, STRUCTURAL DIAPHRAGM CAPACITY = 240 PSF (NOT INCLUDING 40% INCREASE PER FBC 2323.2.4)

2. TRUSSES
A.) TRUSSES SHALL BE PRE-ENGINEERED ACCORDING TO DESIGN LOAD.
B.) TRUSSES SHALL BE BRACED PER TRUSS PLATE INSTITUTE (TPI)HB-91

3. INTERIOR FINISHES
A.) ALL GYPSUM BOARD SHALL HAVE A MINIMUM THICKNESS OF 1/2".
4. EXTERIOR WALLS
A.) WALL SHEATHING SHALL BE 7/16" APA RATED SHEATHING W 8d NAILS SPACED 6" MAXIMUM AT SUPPORTED EDGES. SPACE NAILS MAXIMUM 6" ALONG INTERMEDIATE FRAMING MEMBERS. FASTENERS SHALL BE LOCATED 3/8" FROM PANEL EDGES. MINIMUM NAIL PENETRATION SHALL BE 1-3/8" TYPICAL.
5. CONCRETE FOOTING AND SLABS
A.) CONCRETE SHALL HAVE A MINIMUM COMPRESSIVE STRENGTH OF 3000 PSF IN 28 DAYS.
B.) REINFORCING STEEL SHALL CONFORM TO ASTM A615 GRADE 40.
C.) PROVIDE A MINIMUM COVER OF 3" FOR REINFORCING STEEL WHEN CONCRETE IS PLACED DIRECTLY AGAINST THE GROUND. CONCRETE EXPOSED TO EARTH OR WEATHER SHALL HAVE A MINIMUM COVER OF 1-1/2".
D.) FIBERMESH TO BE USED IN CONCRETE IN LIEU OF WELDED WIRE MESH.
E.) A VAPOR RETARDER CONSISTING OF 6 MIL MINIMUM POLYETHYLENE WITH JOINTS LAPPED 6" AND SEALED WITH 2" APPROVED TAPE OR MASTIC, OR OTHER APPROVED MATERIALS HAVING A MAXIMUM PERM RATING OF 0.5.
F.) ANCHOR BOLTS SHALL BE SPACED A MAX OF 4' LOCATED NOT MORE THAN 12" FROM CORNERS
6. SOIL PREPARATION AND PROPERTIES
A.) AREA UNDER FOOTINGS, FOUNDATIONS, AND CONCRETE SLABS SHALL HAVE ALL VEGETATION, STUMPS, ROOTS, AND FOREIGN MATTERS REMOVED PRIOR TO THEIR CONSTRUCTION.
B.) FILL MATERIAL SHALL BE FREE OF VEGETATION AND FOREIGN MATERIAL.
C.) ALLOWABLE BEARING PRESSURE = 1500 PSF.



DETAIL "C" GABLE END CEILING CONNECTION DETAIL
SCALE: NTS



SIMPSON STRONG-TIE SP4
SCALE: NTS

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SQUARE FOOTAGE	
HEATED	1144 S.F.
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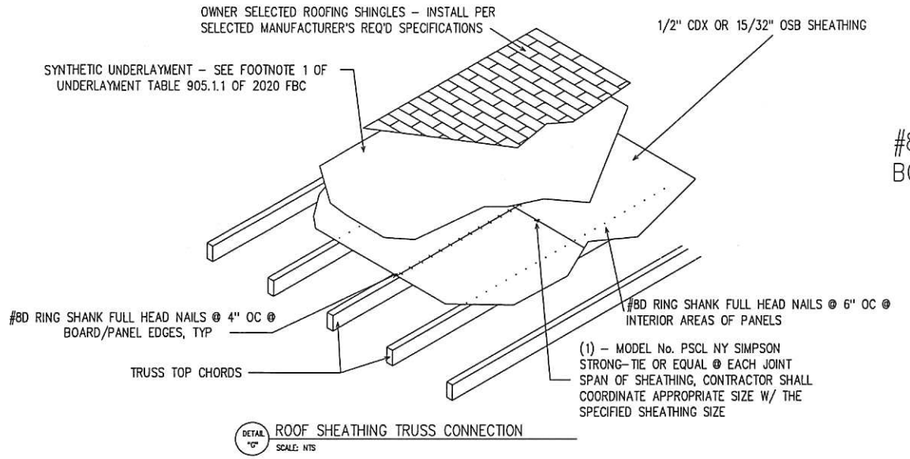
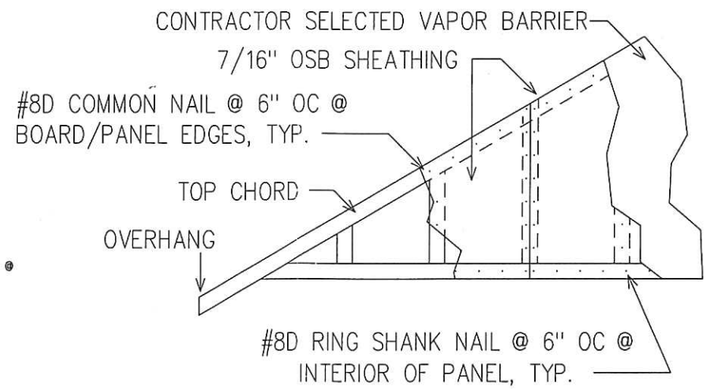
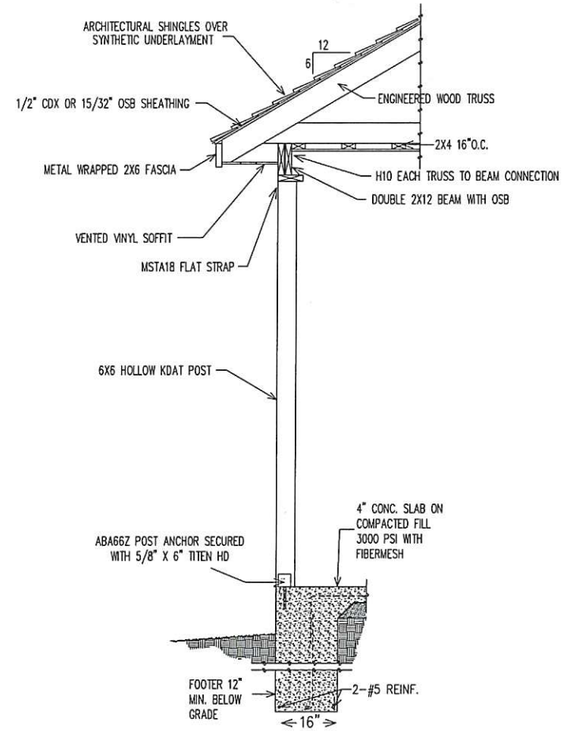


DETAIL "G" ROOF SHEATHING TRUSS CONNECTION
SCALE: NTS

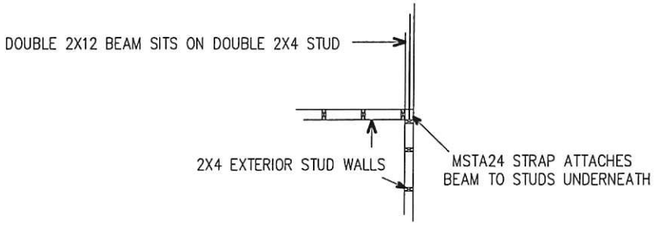


DETAIL "E" SHEATHING ATTACHMENT @ GABLE ENDWALL
SCALE: NTS

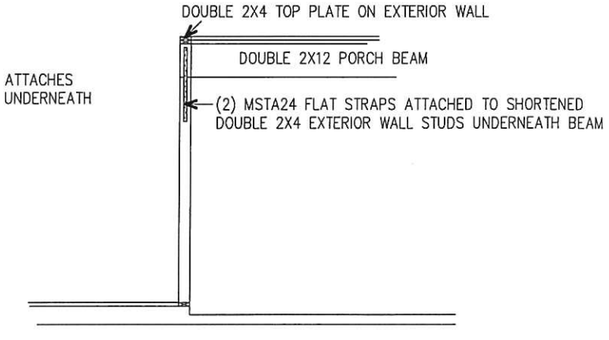


DETAIL "A" PORCH POST DETAIL – 120 MPH WINDLOAD

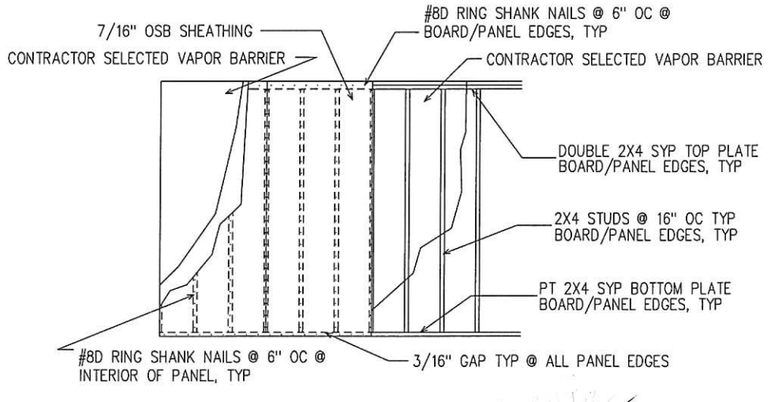
TOP VIEW OF PORCH BEAM CORNER CONNECTION



SIDE VIEW OF PORCH BEAM CONNECTION



DETAIL "H" PORCH BEAM CONNECTION IN EXTERIOR WALL DETAIL
SCALE: NTS



NOTE: SHEARWALL SHEATHING NAILING PATTERN IS 4" O.C. EDGES, 6" O.C. FIELD

DETAIL "F" TYPICAL WALL SHEATHING ATTACHMENT
SCALE: NTS

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SQUARE FOOTAGE			
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