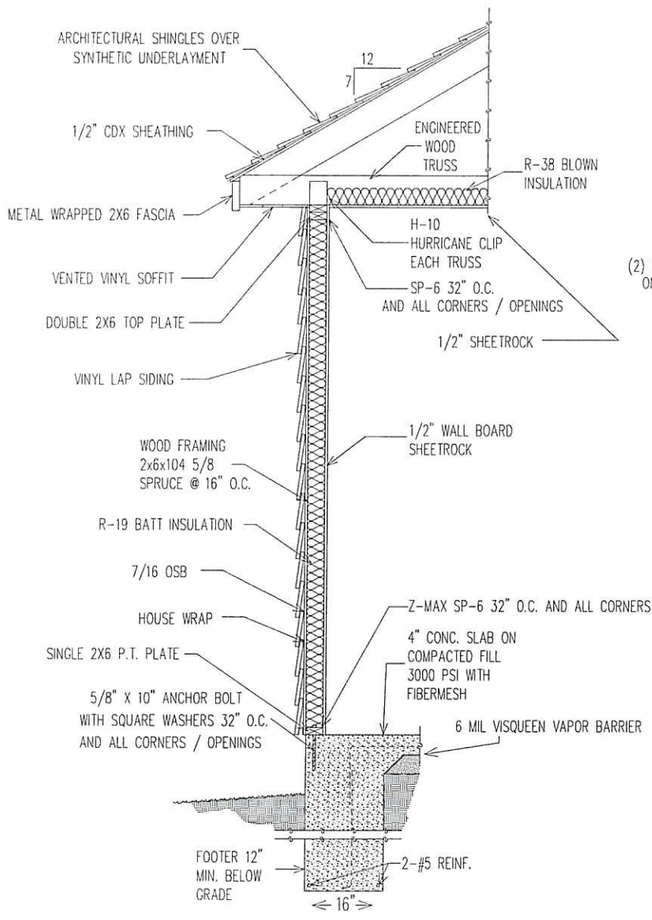
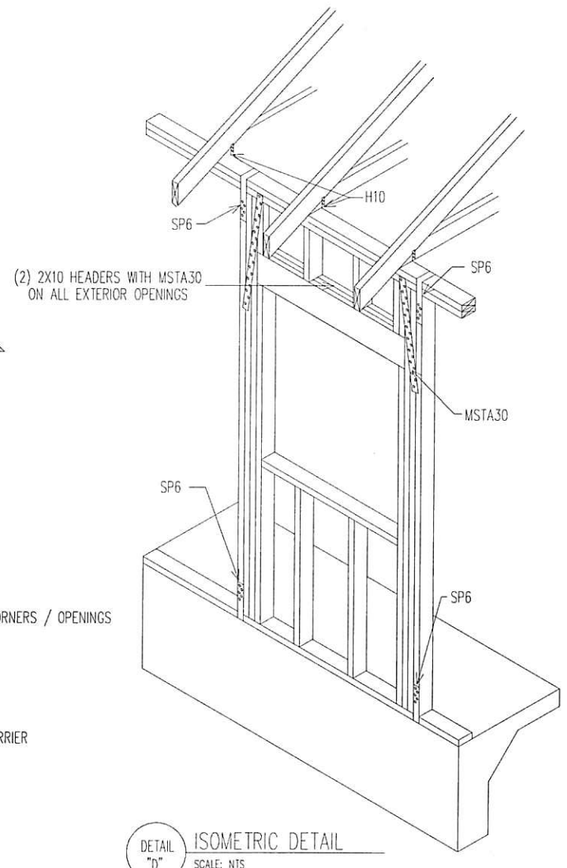
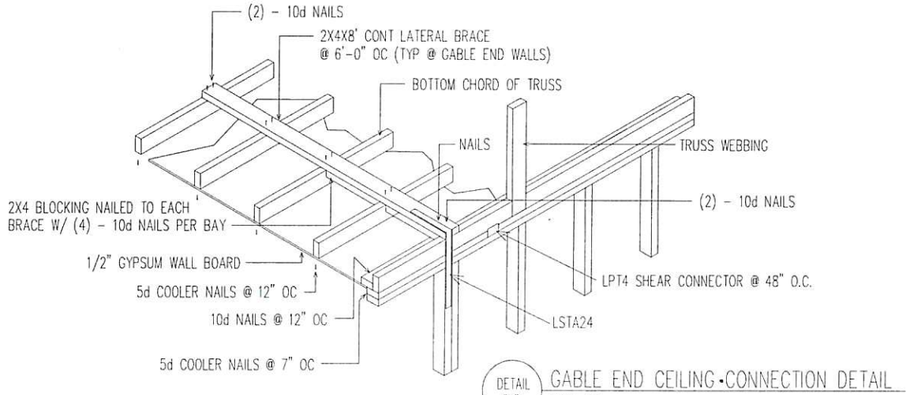


DETAIL "B" WALL SECTION FOR 120 WINDLOAD



DETAIL "D" ISOMETRIC DETAIL
SCALE: NTS



DETAIL "C" GABLE END CEILING-CONNECTION 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 = 50 +/- PSF

SPECIFICATIONS

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

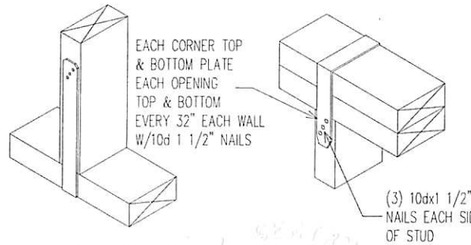
ASCE 7 MINIMUM DESIGN LOAD FOR BUILDINGS AND OTHER STRUCTURES.
ACI 318 BUILDING CODE REQUIREMENTS FOR REINFORCED CONCRETE.
AC315 MANUAL OF STANDARD PRACTICE FOR DETAILING CONCRETE STRUCTURES.
ACI 301 SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS.
CRSI RECOMMENDED PRACTICE FOR PLACING REINFORCING STEEL.
ACI 530/ASCE 5/TMS 402 BUILDING CODE FOR MASONRY STRUCTURES.
2020 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 1/2"
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.



SIMPSON STRONG-TIE ZMAX SP6
SCALE: NTS

These plans comply with 2020 Florida Building Code, 120 mph wind speed (3 sec. gust)

John K. Gentry 7/30/24

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P.O. Box 1034
Perry, FL 32348
(850) 672-0145

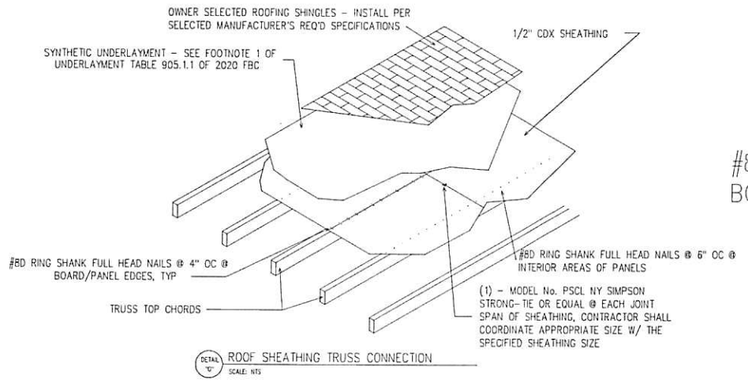
DATE: 06-09-2021

PAGE 7 OF 9

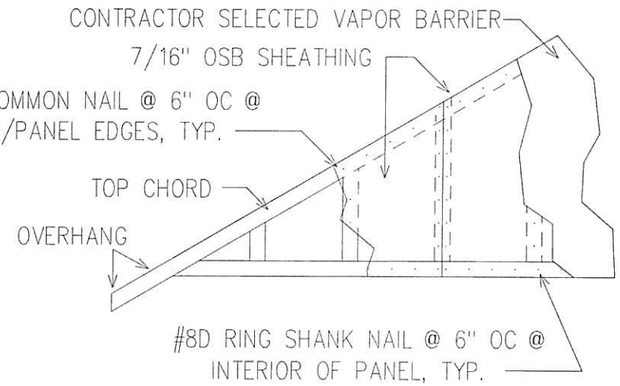
SQUARE FOOTAGE	
HEATED	2225 S.F.
PORCH	157 S.F.
TOTAL	2382 S.F.

Brian & Heather Trujillo
204 SW Madison Ct. Lake City, Florida

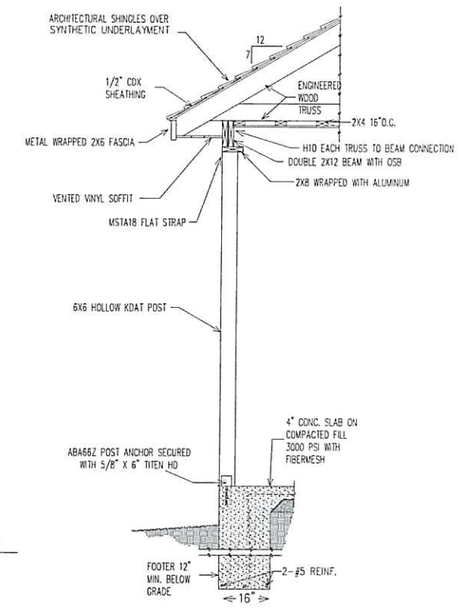
CHRISMILL HOMES



DETAIL "G" SCALE: NTS — ROOF SHEATHING TRUSS CONNECTION

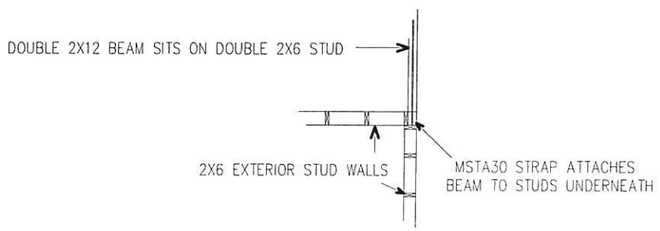


DETAIL "E" SCALE: NTS — SHEATHING ATTACHMENT @ GABLE ENDWALL

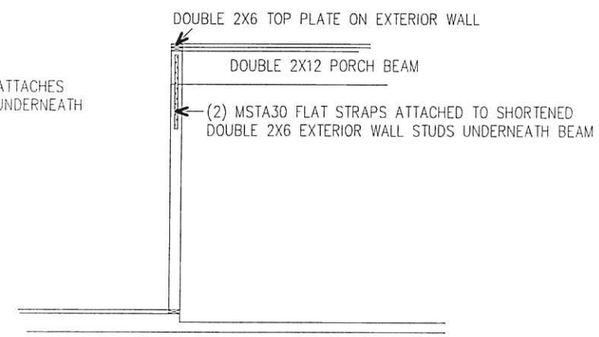


DETAIL "A" — PORCH POST DETAIL - 120 MPH WINDLOAD

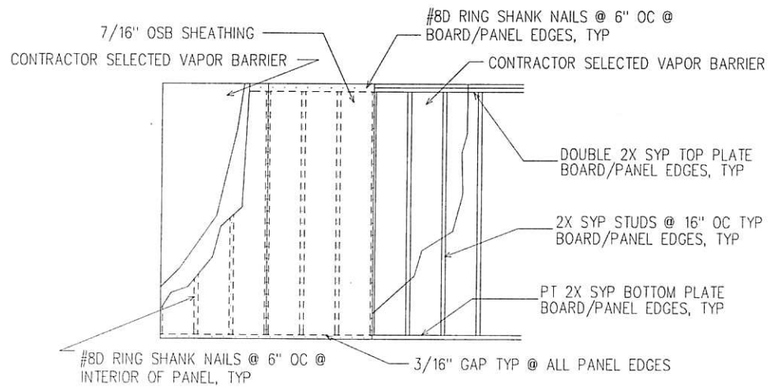
TOP VIEW OF PORCH BEAM CORNER CONNECTION



SIDE VIEW OF PORCH BEAM CONNECTION



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



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

DETAIL "F" SCALE: NTS — TYPICAL WALL SHEATHING ATTACHMENT

These plans comply with 2020 Florida Building Code, 120 mph wind speed (3 sec. gust)

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