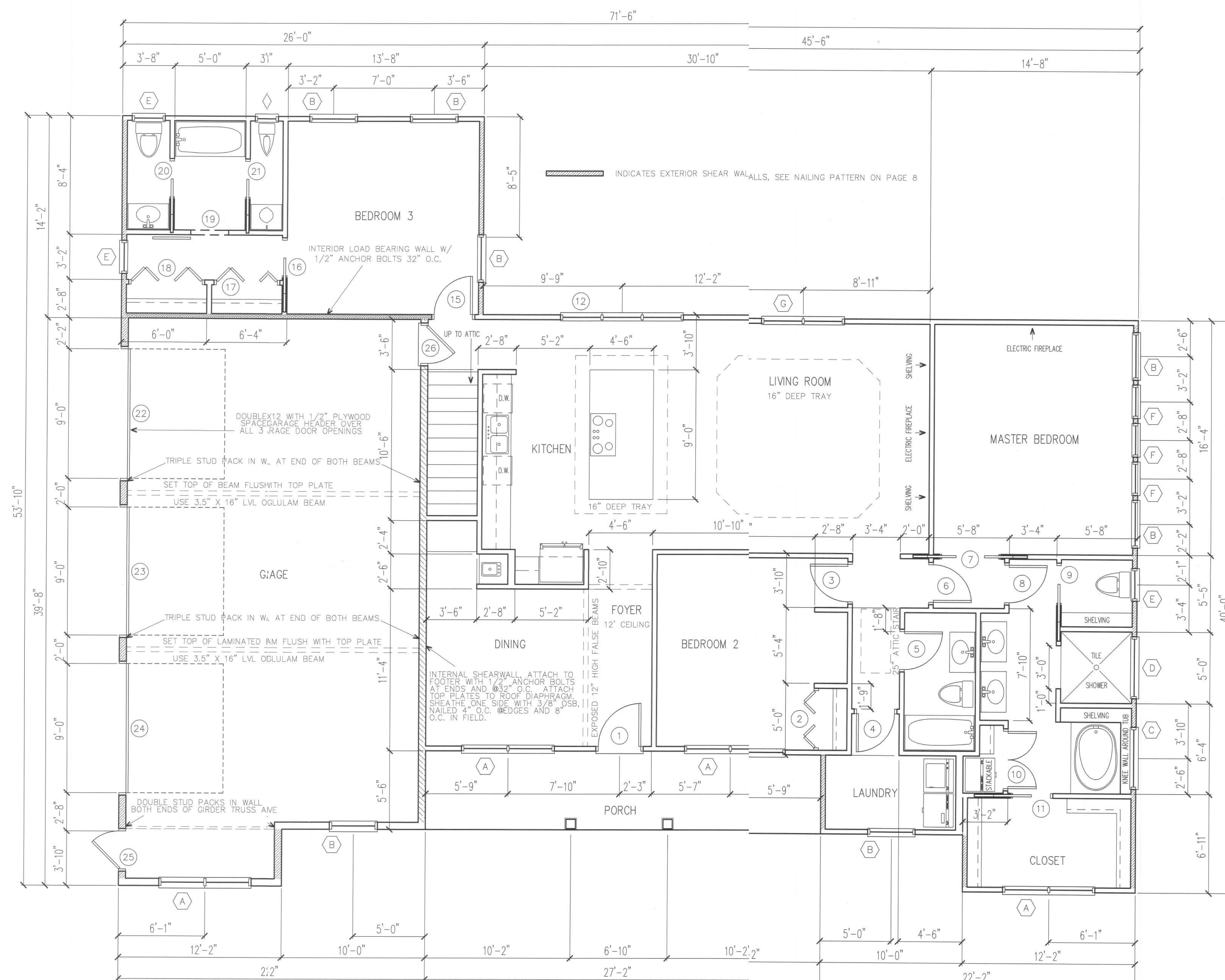




DOOR SCHEDULE			
MARK	WIDTH	HEIGHT	REMARKS
1	3'-0"	6'-8"	EXTERIOR DOOR
2	4'-0"	6'-8"	BI-FOLD DOOR UNIT
3	2'-8"	6'-8"	HOLLOW CORE DOOR
4	2'-8"	6'-8"	HOLLOW CORE DOOR
5	2'-8"	6'-8"	HOLLOW CORE DOOR
6	2'-8"	6'-8"	HOLLOW CORE DOOR
7	4'-0"	6'-8"	DOUBLE POCKET DOORS
8	2'-8"	6'-8"	HOLLOW CORE DOOR
9	2'-8"	6'-8"	POCKET DOOR
10	4'-0"	6'-8"	BI-HINGE DOOR UNIT
11	2'-8"	6'-8"	POCKET DOOR
12	8'-0"	6'-8"	TRIPLE DOOR/WINDOW UNIT
13	2'-8"	6'-8"	EXTERIOR DOOR-ATTIC
14	2'-8"	6'-8"	HOLLOW CORE DOOR-ATTIC
15	2'-8"	6'-8"	HOLLOW CORE DOOR
16	2'-6"	6'-8"	POCKET DOOR
17	5'-0"	6'-8"	BI-FOLD DOOR UNIT
18	5'-0"	6'-8"	BI-FOLD DOOR UNIT
19	2'-8"	6'-8"	SLIDING BARN DOOR
20	2'-6"	6'-8"	POCKET DOOR
21	2'-6"	6'-8"	POCKET DOOR
22	9'-0"	7'-0"	OVERHEAD GARAGE DOOR
23	9'-0"	7'-0"	OVERHEAD GARAGE DOOR
24	9'-0"	7'-0"	OVERHEAD GARAGE DOOR
25	2'-8"	6'-8"	EXTERIOR DOOR
26	2'-8"	6'-8"	EXTERIOR DOOR
27	2'-4"	6'-8"	LOUVERED DOOR

WINDOW SCHEDULE			
MARK	WIDTH	HEIGHT	REMARKS
A	3'-0"	5'-0"	DOUBLE UNIT-SINGLE HUNG
B	3'-0"	5'-0"	SINGLE UNIT-SINGLE HUNG
C	4'-0"	4'-0"	PICTURE UNIT-TEMPERED
D	4'-0"	1'-0"	PICTURE UNIT
E	2'-0"	3'-0"	SINGLE HUNG-TEMPERED
F	2'-0"	2'-0"	PICTURE UNIT
G	2'-8"	5'-0"	DOUBLE UNIT-SINGLE HUNG
DORMER	2'-4"	3'-6"	SINGLE UNIT-SINGLE HUNG
GABLE	3'-0"	5'-0"	SINGLE UNIT-SINGLE HUNG

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

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

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

John K. Gentry
John K. Gentry, P.E.#16990
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Perry, FL 32348
(850) 672-0145

SQUARE FOOTAGE			
HEATED	1999 S.F.		
GARAGE	882 S.F.		
PORCH	149 S.F.		
TOTAL	3030 S.F.		

Chandra Miller
Lake City, Florida

CHRISMILL
HOMES



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SQUARE FOOTAGE	
HEATED	1999 S.F.
GARAGE	882 S.F.
PORCH	149 S.F.
TOTAL	3030 S.F.

DATE: 04-18-2022
PAGE 2 OF 8

Chandra Miller
Lake City, Florida

CHRISMILL
HOMES

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



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



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

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

DATE: 04-18-2022

PAGE 3 OF 8

SQUARE FOOTAGE	
HEATED	1999 S.F.
GARAGE	002 S.F.
PORCH	149 S.F.
TOTAL	3030 S.F.

Chandra Miller

Lake City, Florida

CHRISMILL
HOMES

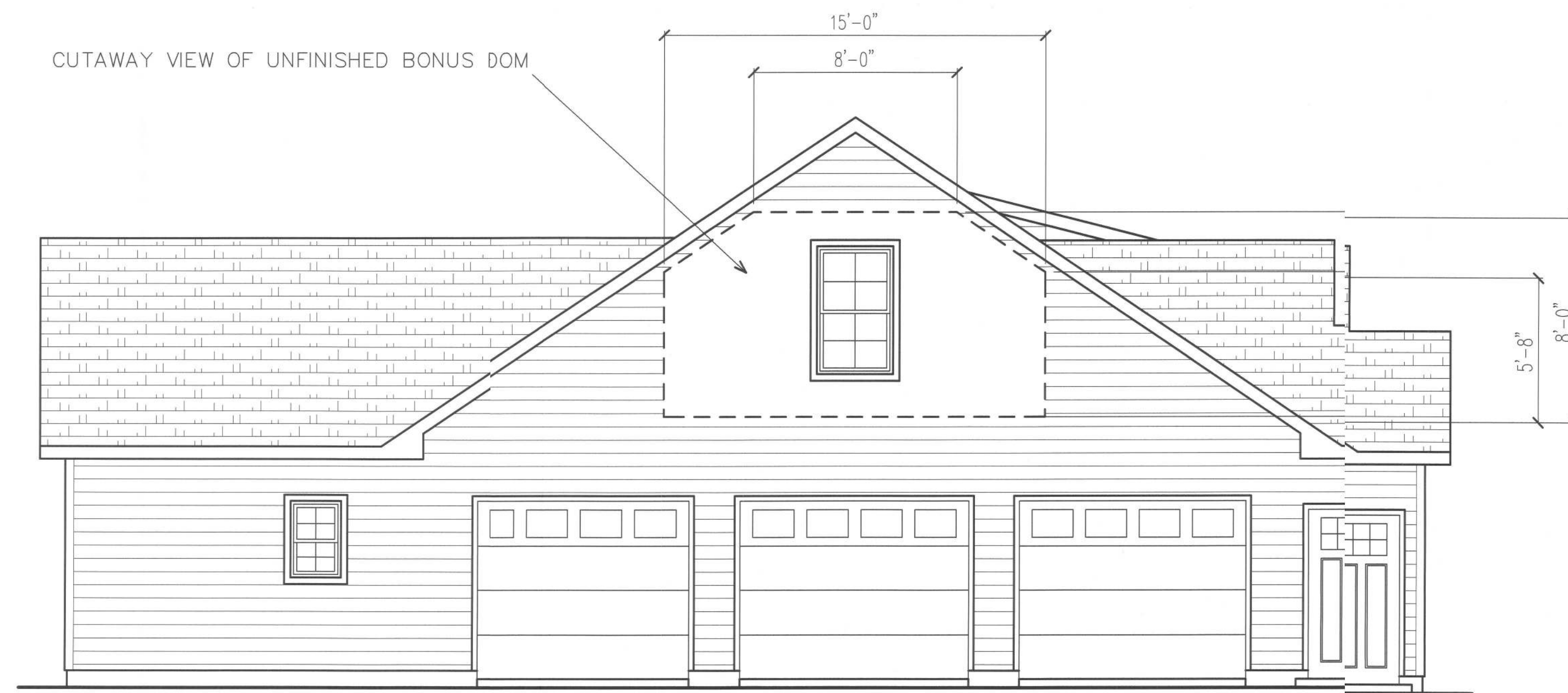
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WIND DESIGN DATA:

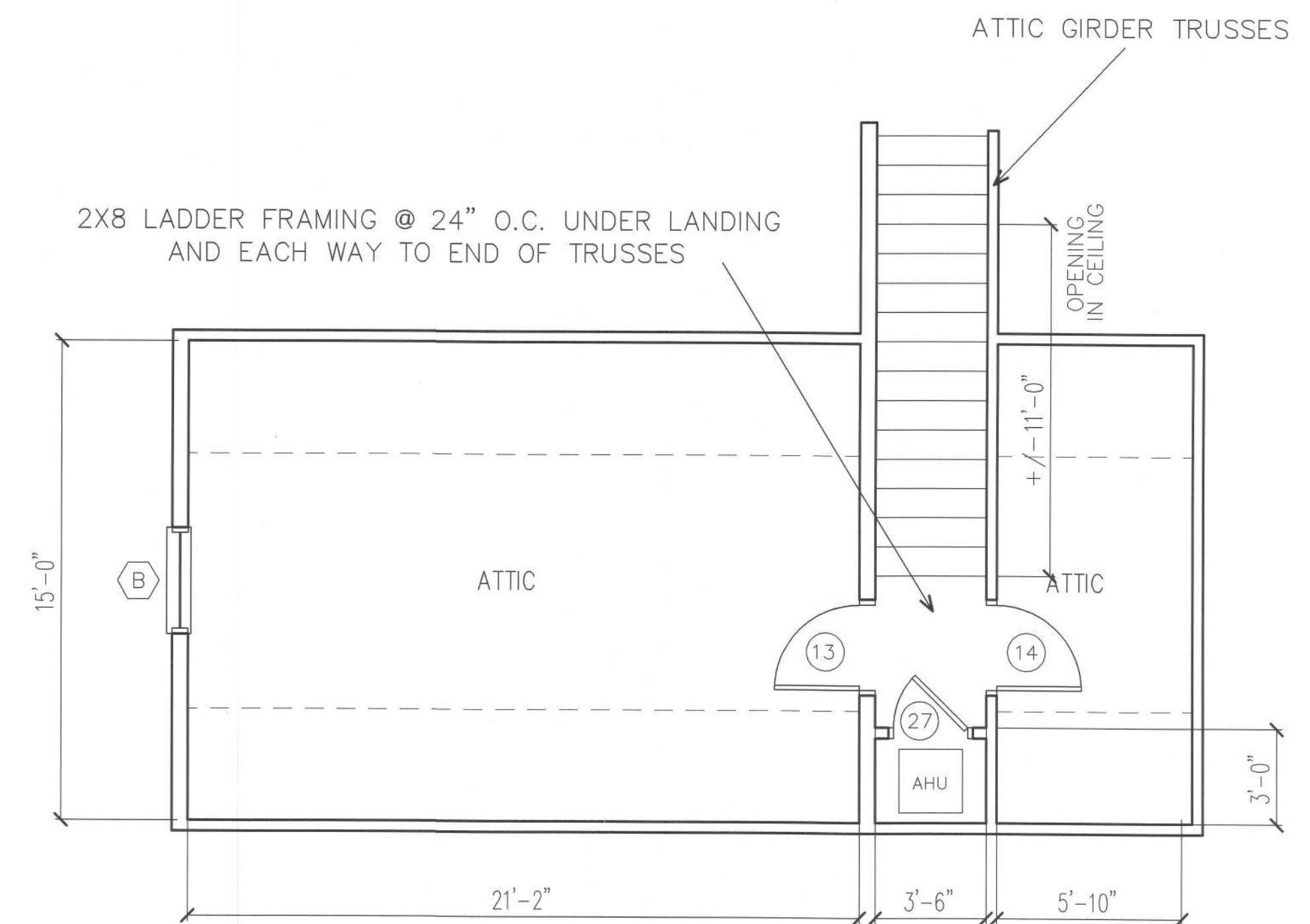
- *The Basic Wind Speed (3-second gust)-120mph
- *Wind Importance Factor-1.0, Building Classification II
- *Wind Exposure-B
- *Category-Enclosed, GC=+/-0.18
- *C&C Window and Door Pressure=-40psf



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



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



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

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

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P.E.

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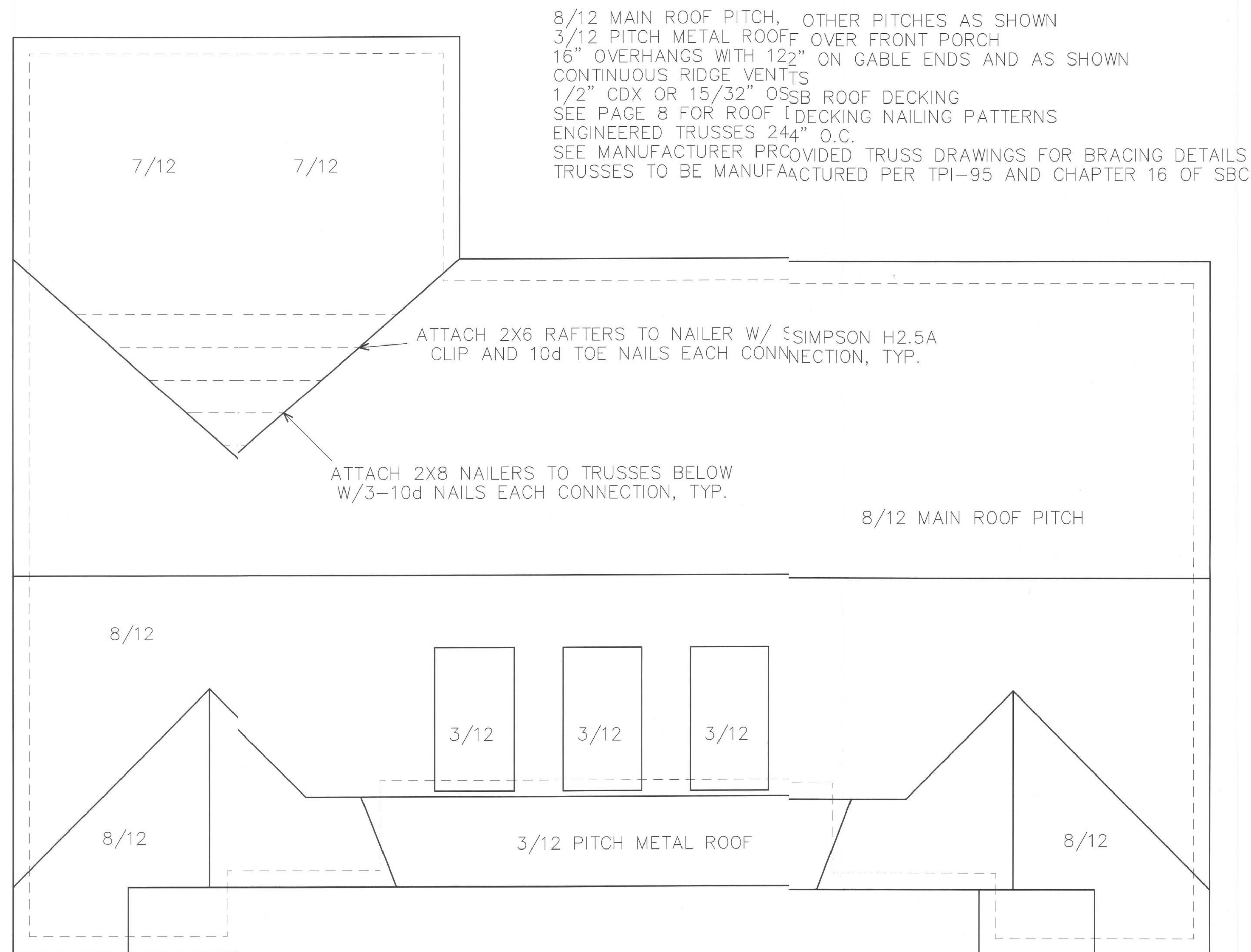
PAGE 4 OF 8

SQUARE FOOTAGE	1999 S.F.	882 S.F.	149 S.F.	3030 S.F.
HEATED				
GARAGE				
PORCH				
TOTAL				

Chandra Miller

Lake City, Florida

CHRISMILL
HOMES



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

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

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 4/12/22

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DATE: 04-18-2022
PAGE 5 OF 8

SQUARE FOOTAGE	
HEATED	1999 S.F.
GARAGE	882 S.F.
PORCH	149 S.F.
TOTAL	3030 S.F.

Chandra Miller
 Lake City, Florida

CHRISMILL
 HOMES

SQUARE FOOTAGE	1999 S.F.	882 S.F.	149 S.F.	3030 S.F.
HEATED GARAGE				
PORCH				
TOTAL				

Chandra Miller

Lake City, Florida

CHRISMILL HOMES

ELECTRICAL SYMBOLS

- ⌚

WALL SWITCH

⌚

DIMMER SWITCH

⊗

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

⊗

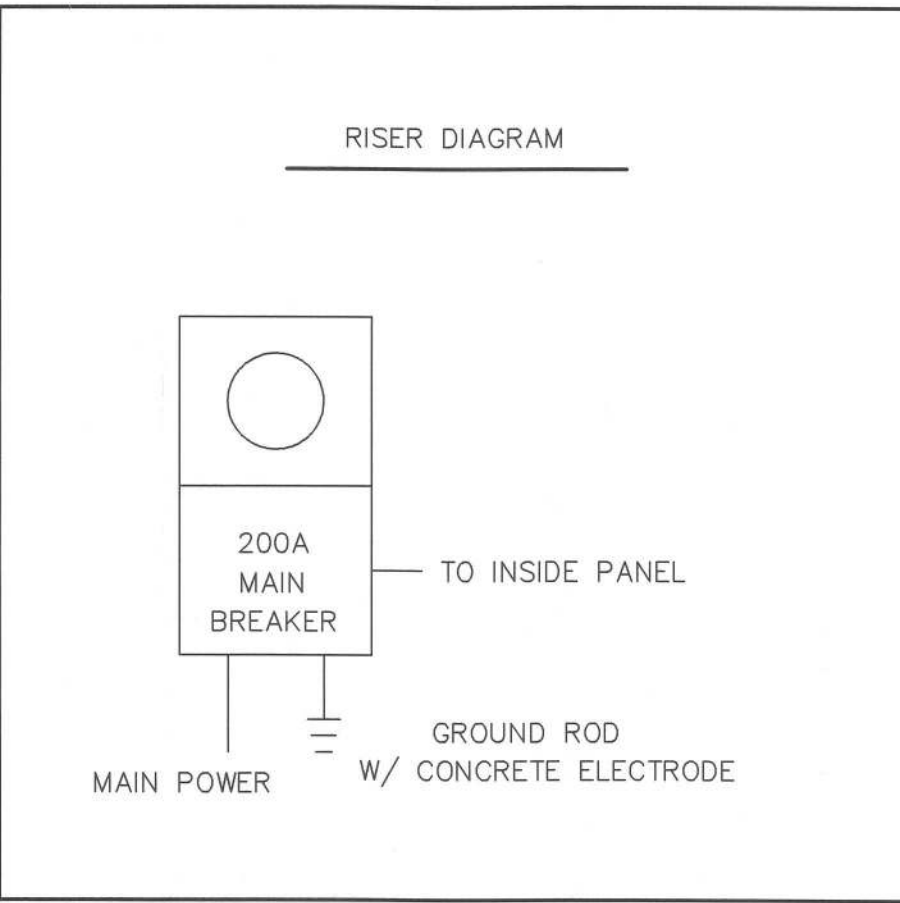
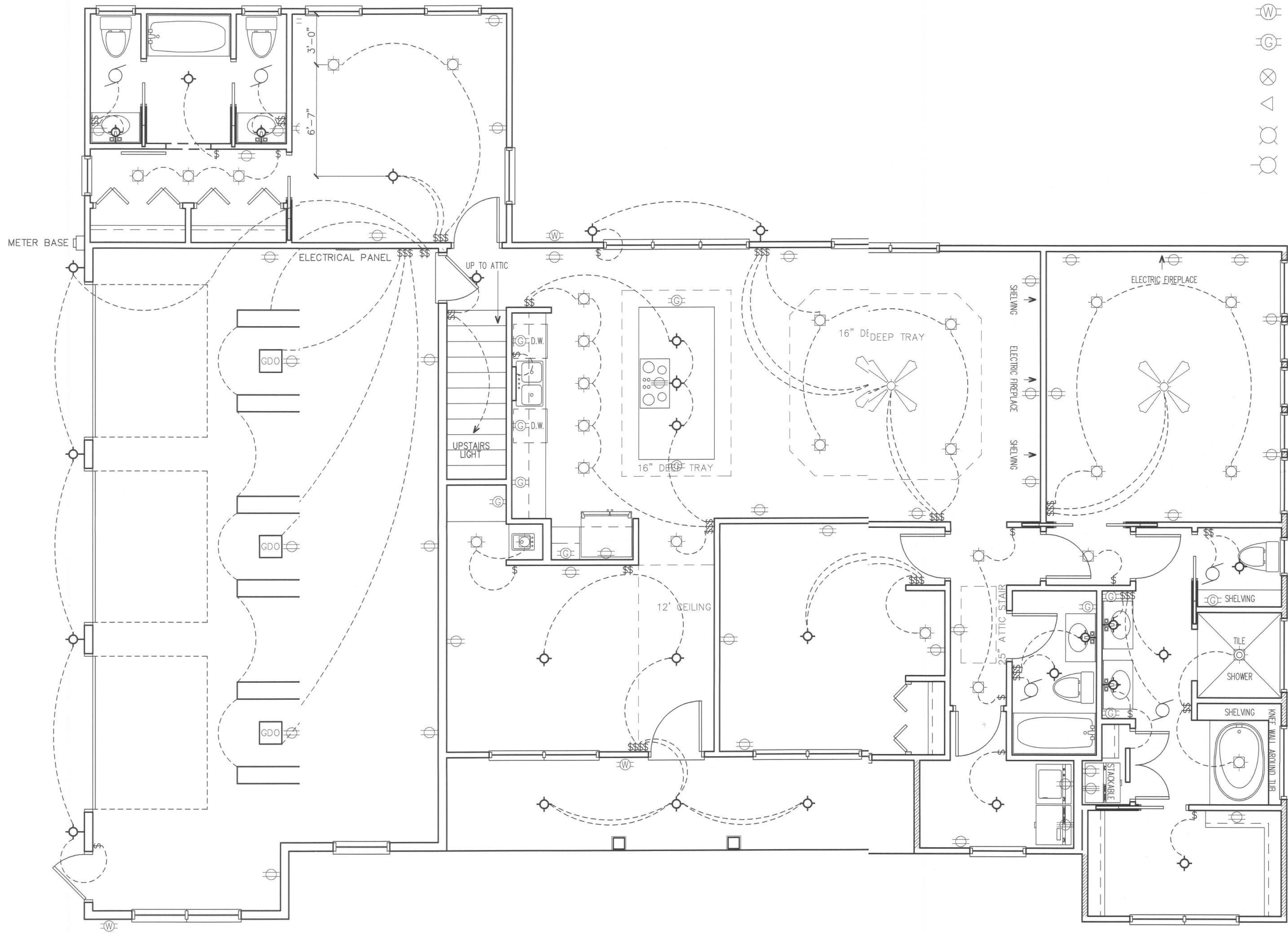
CEILING FAN W/ LIGHT

⊙

CABLE TV OUTLET

⊕

LED LIGHT



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John K. Gentry

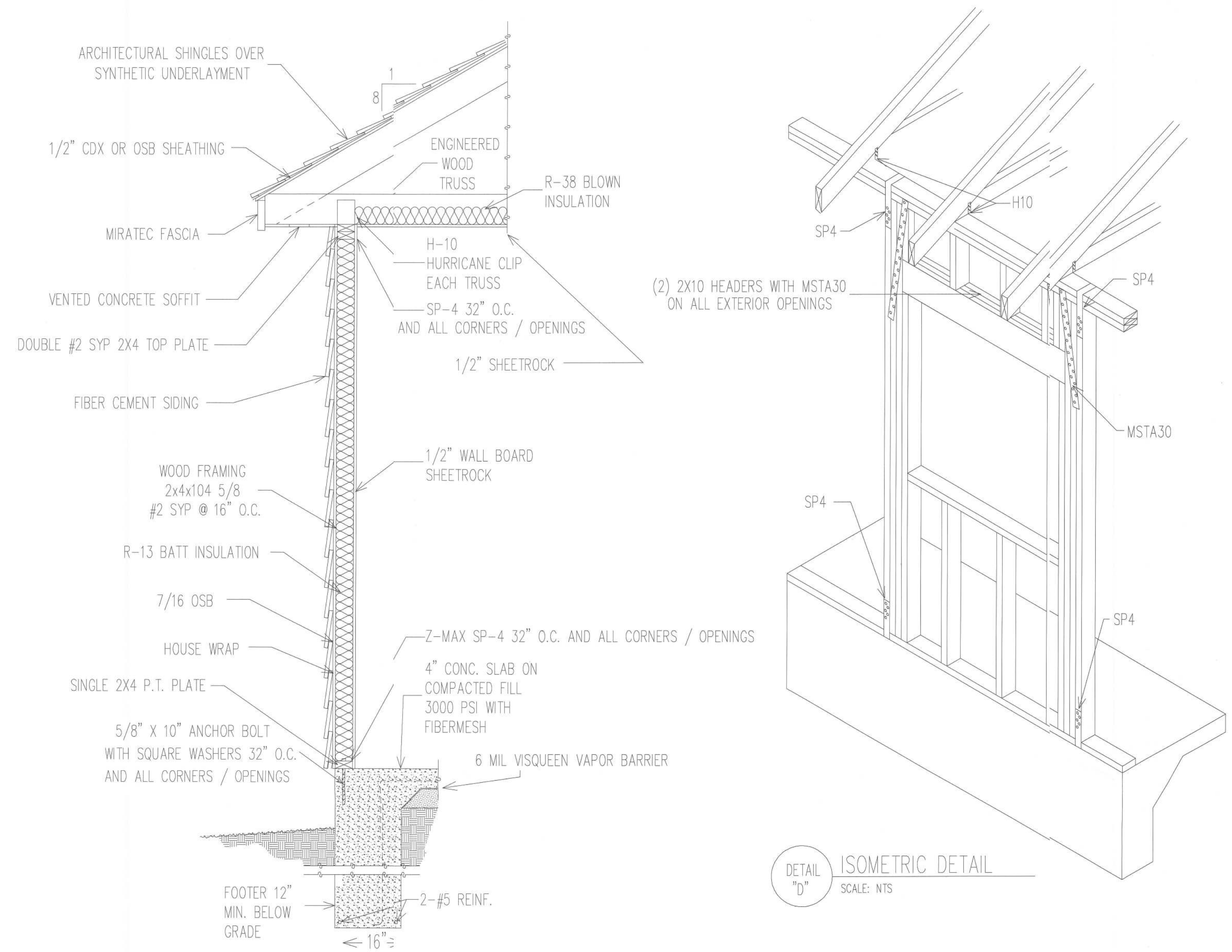
4/18/22

SQUARE FOOTAGE	1999 S.F.	862 S.F.	3030 S.F.
HEATED GARAGE			
PORCH			
TOTAL			

Chandra Miller

Lake City, Florida

CITRISMILL HOMES



GENERAL NOTES:

DESIGN LOAD

- LIVE LOAD = 40 PSF
- DEAD LOAD = 10 PSF
- 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 = -27 +/- 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.

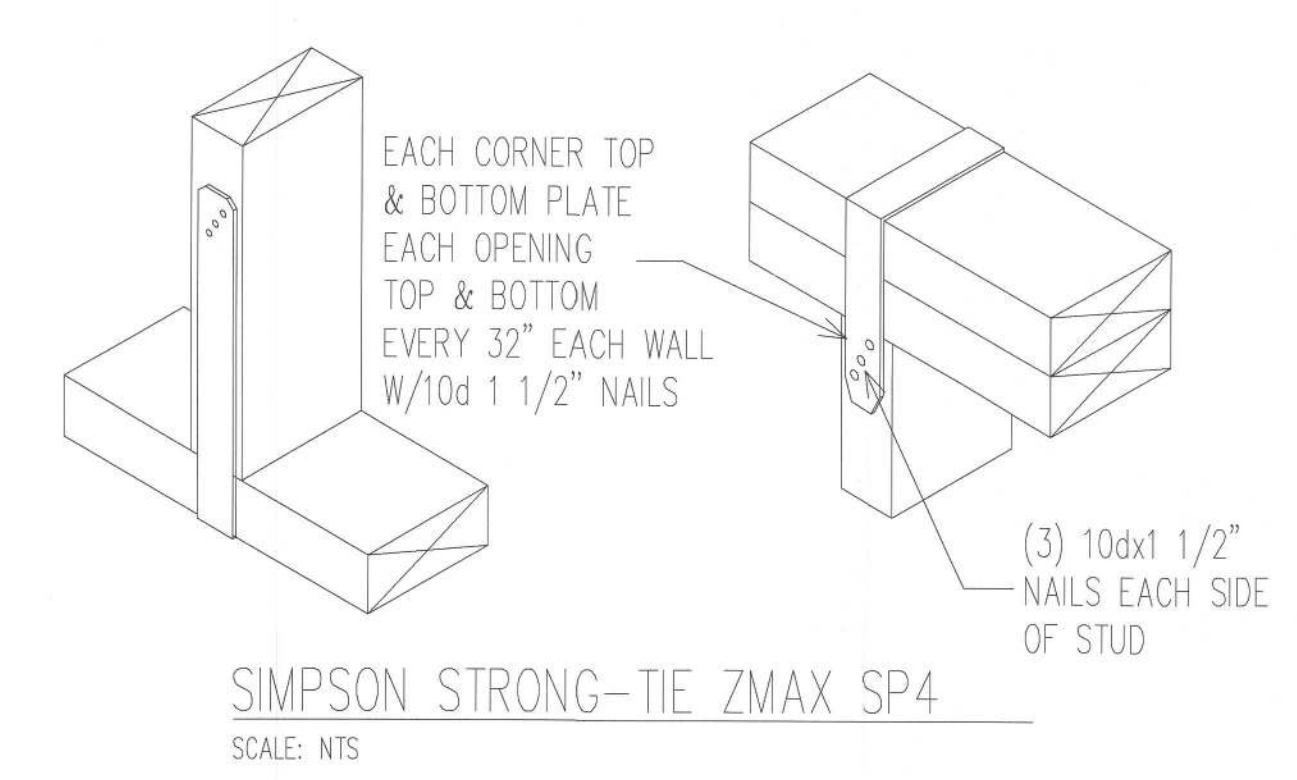
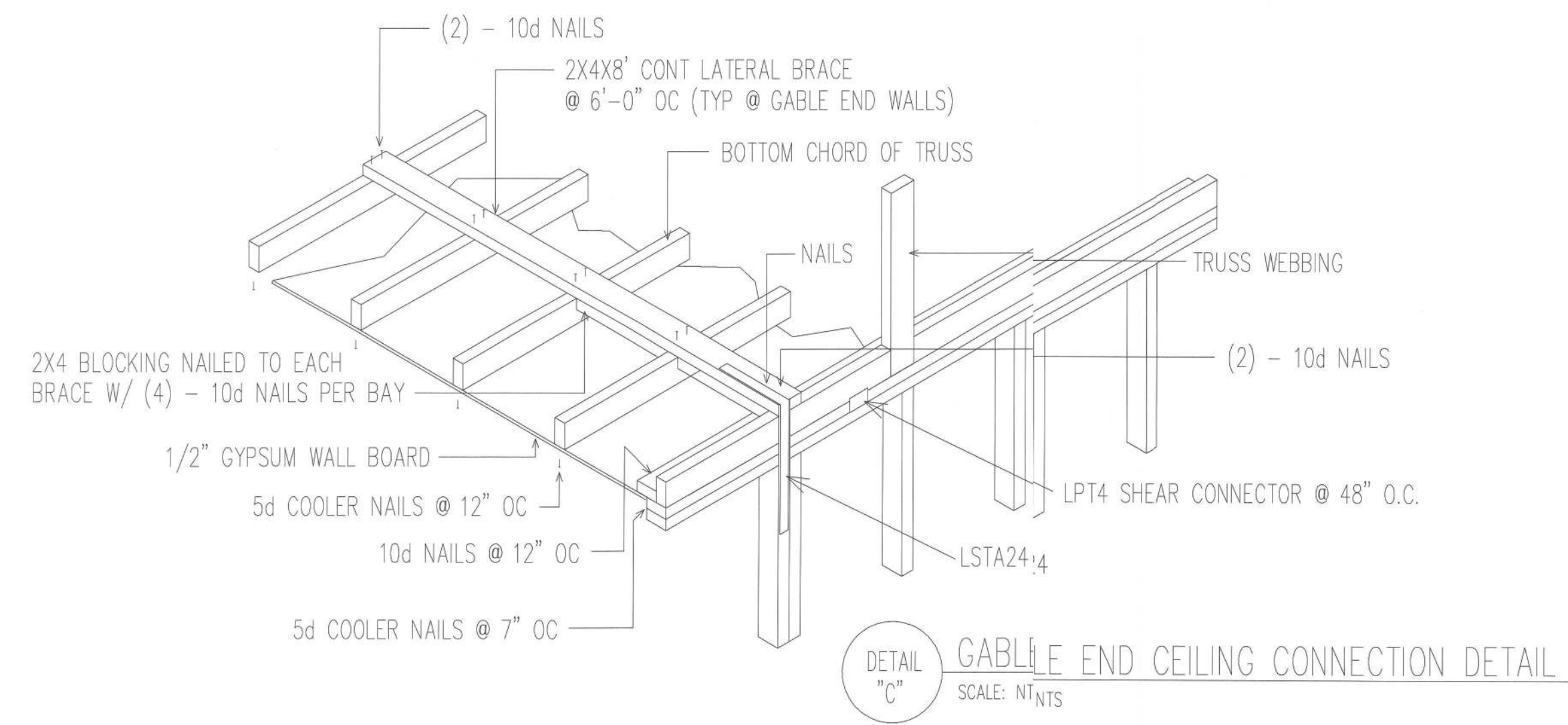
CRSI RECOMMENDED PRACTICE FOR PLACING REINFORCING STEEL.

ACI 530/ASCE 5/TMS 402 BUILDING CODE FOR MASONRY STRUCTURES.

2020 FLORIDA BUILDING CODE

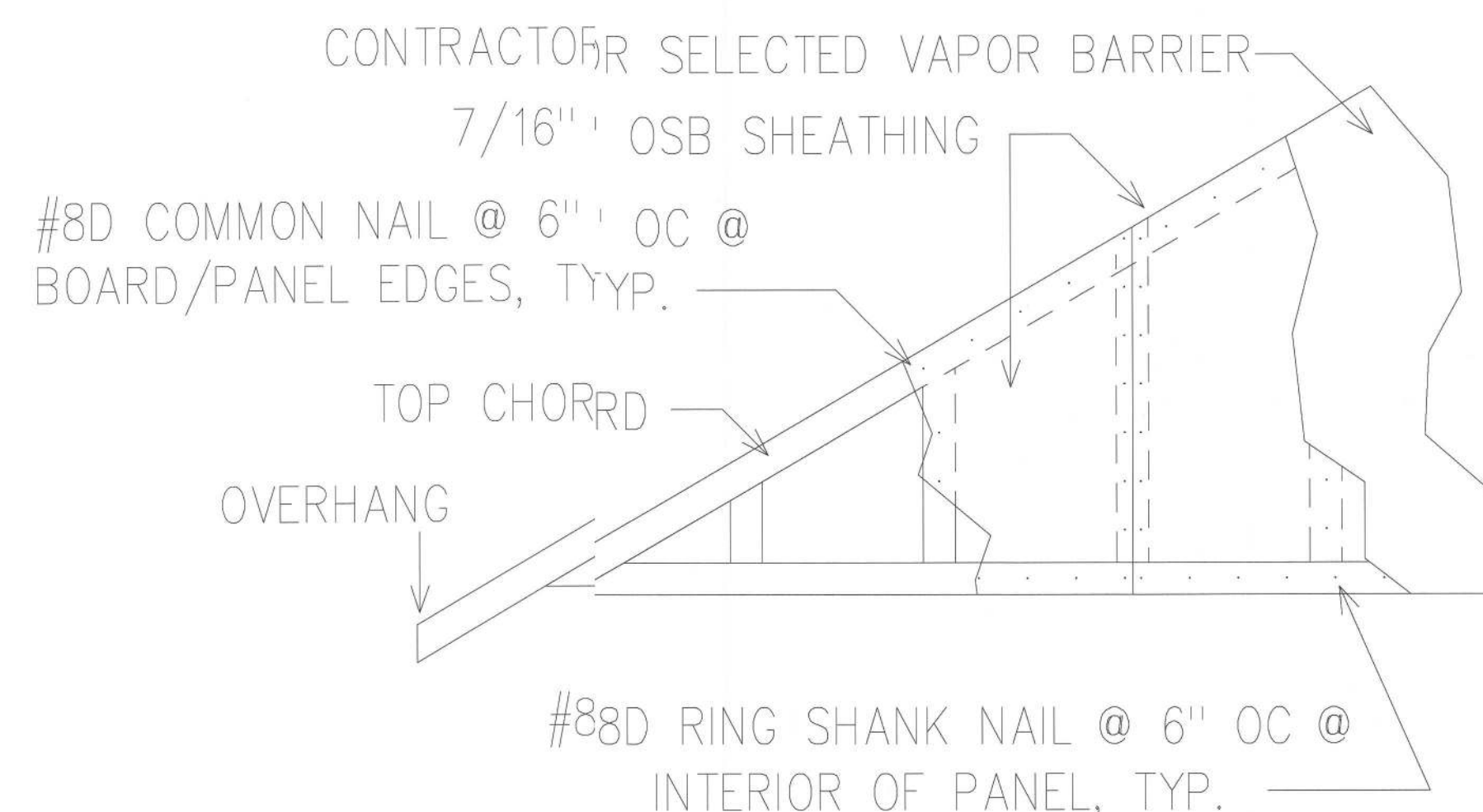
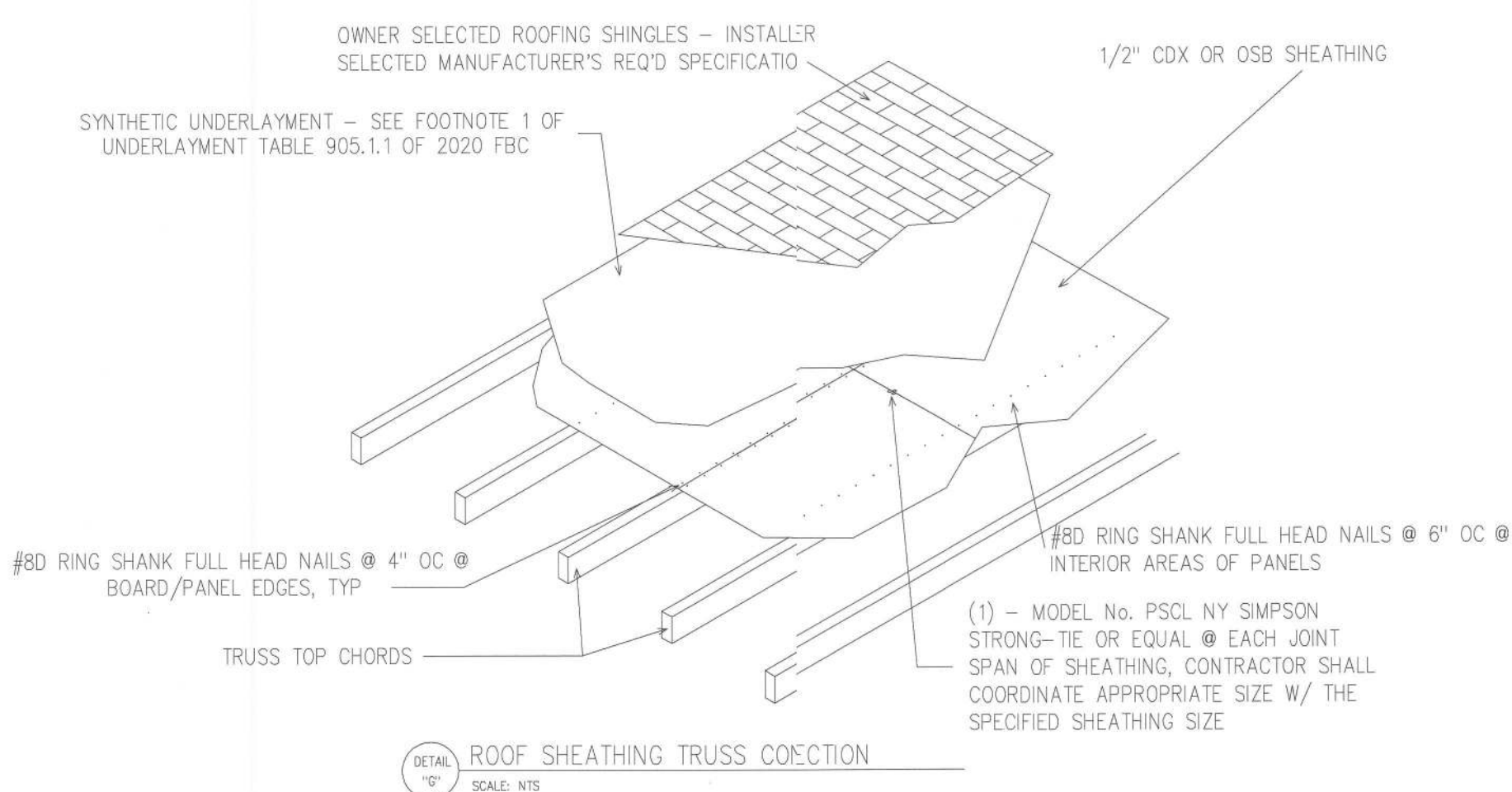
BUILDING MATERIAL

- 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)
- TRUSSES
 - A.) TRUSSES SHALL BE PRE-ENGINEERED ACCORDING TO DESIGN LOAD.
 - B.) TRUSSES SHALL BE BRACED PER TRUSS PLATE INSTITUTE (TPI)HB-91
- INTERIOR FINISHES
 - A.) ALL GYPSUM BOARD SHALL HAVE A MINIMUM THICKNESS OF 1/2".
- 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.
- 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
- 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.

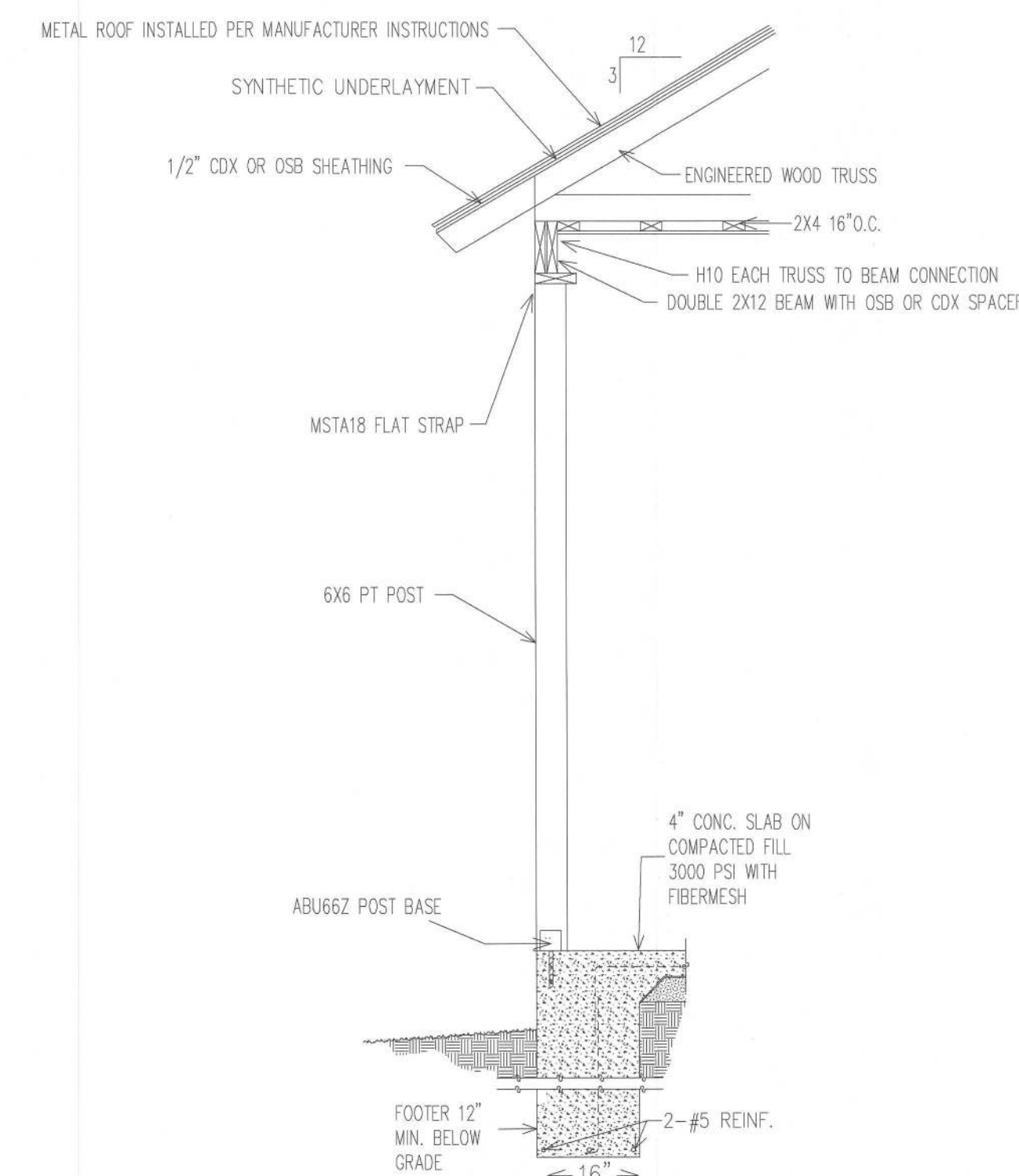


These plans comply with 2020 Florida Building Code, 120 mph wind speed (3 sec. gust)


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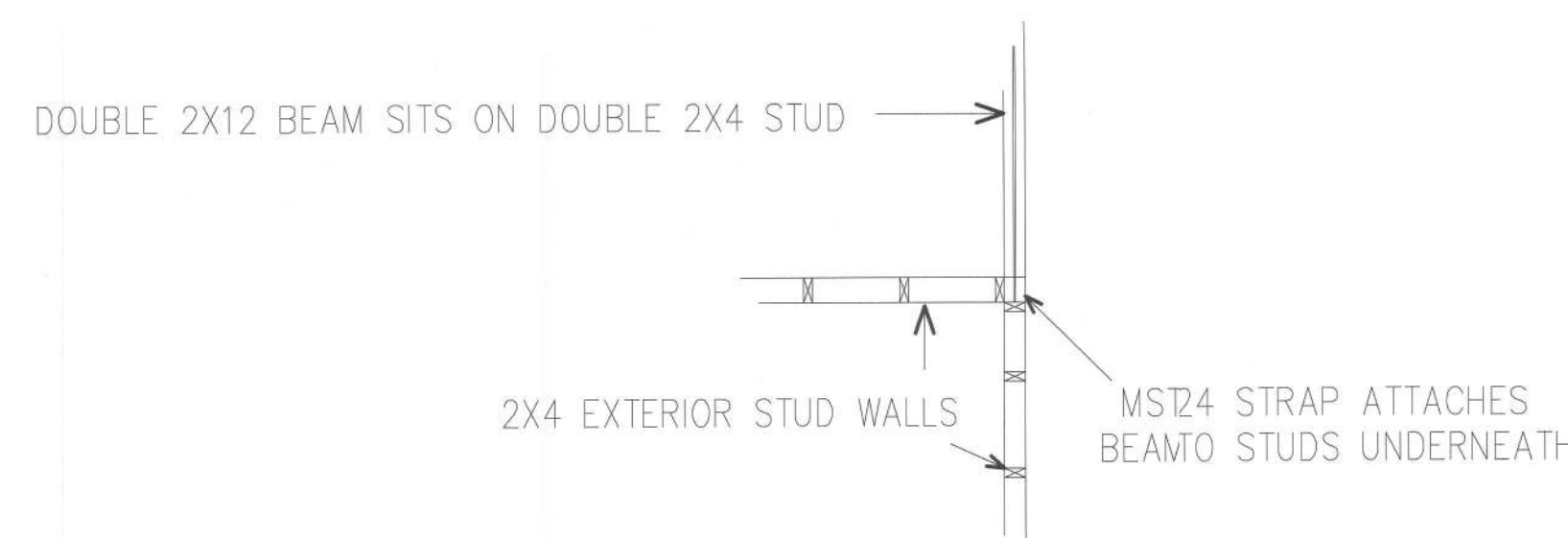


DETAIL "E" SHEATHING ATTACHMENT @ GABLE ENDWALL
SCALE: NTS

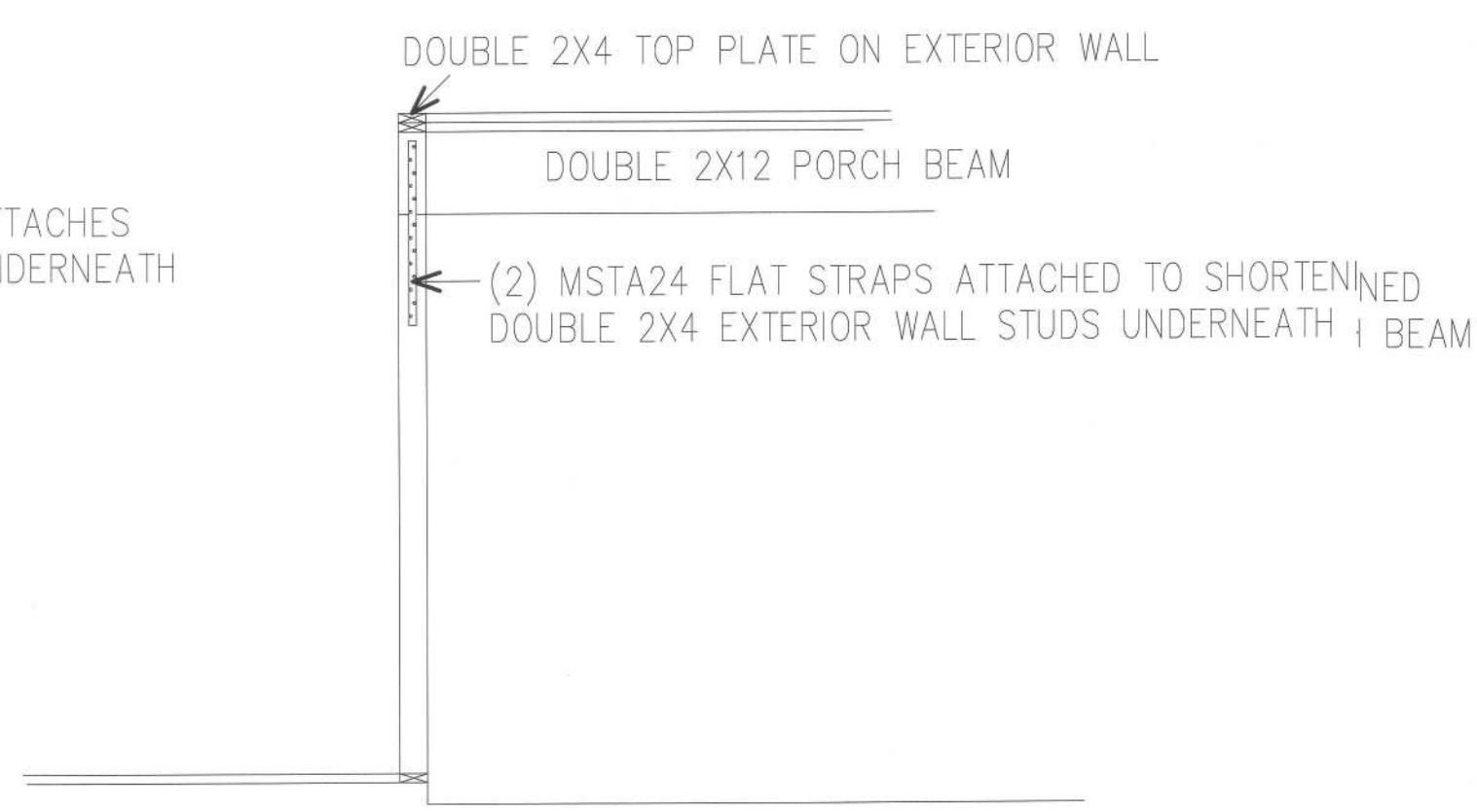


DETAIL "F" FRONT PORCH POST DETAIL - 120 MPH WINDLOAD

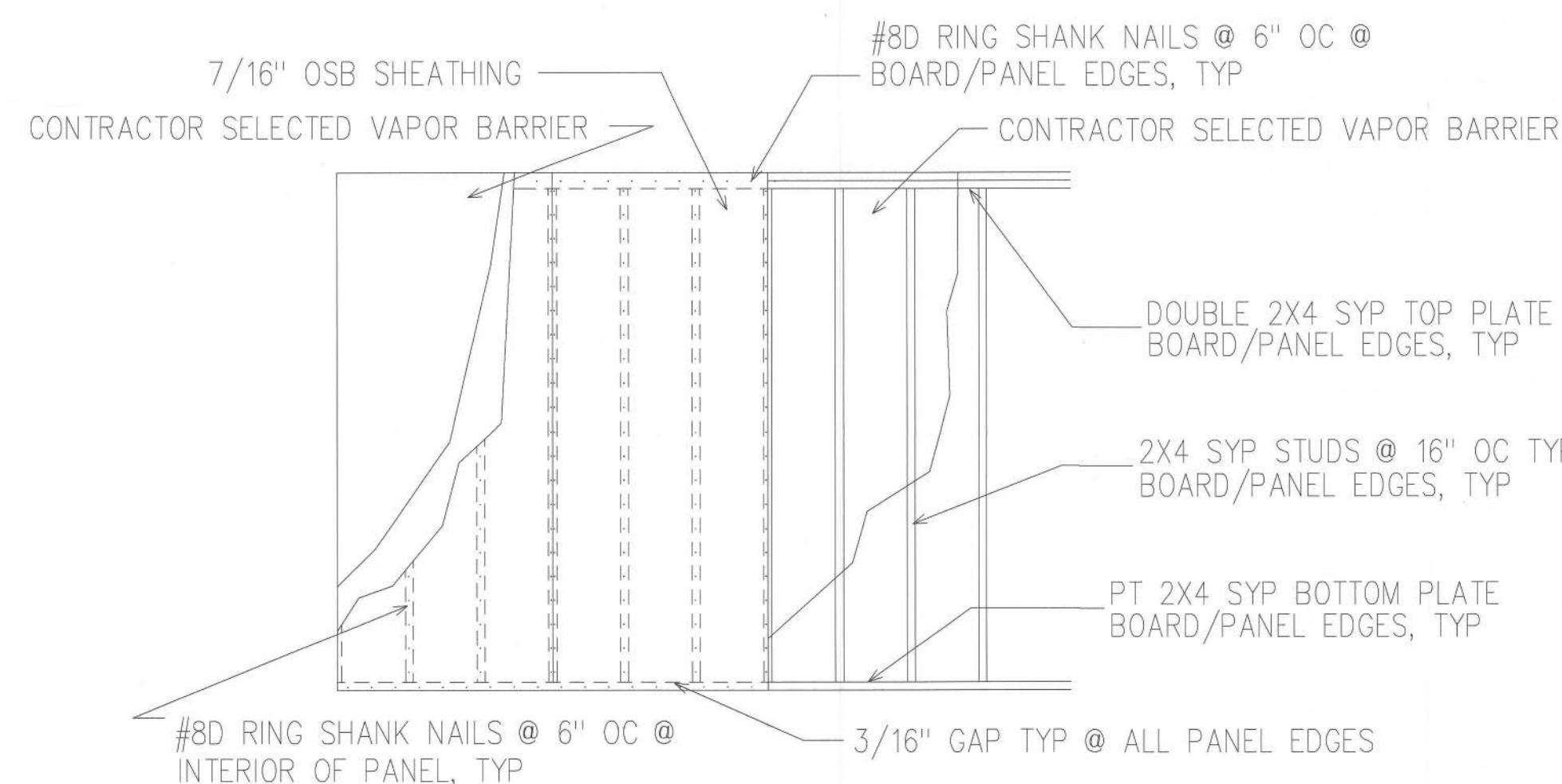
TOP VIEW OF PORCH BEAM CORNER CONNECTION



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 "I" TYPICAL WALL SHEATHING ATTACHMENT
SCALE: NTS

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4/21/22

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DATE: 04-18-2022

SQUARE FOOTAGE	HEATED GARAGE	PORCH	TOTAL
	1999 S.F.	882 S.F.	
		149 S.F.	
			3030 S.F.

Chandra Miller
Lake City, Florida

CHRISMILL
HOMES