

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

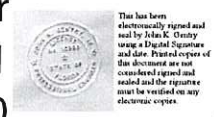
DOOR SCHEDULE			
MARK	WIDTH	HEIGHT	REMARKS
1	3'-0"	6'-8"	SOLID CORE EXTERIOR DOOR
2	2'-8"	6'-8"	HOLLOW CORE DOOR
3	2'-6"	6'-8"	HOLLOW CORE DOOR
4	4'-0"	6'-8"	BI-HINGE DOOR UNIT
5	1'-6"	6'-8"	HOLLOW CORE DOOR
6	2'-6"	6'-8"	HOLLOW CORE DOOR
7	3'-0"	6'-8"	CASED OPENING
8	1'-6"	6'-8"	HOLLOW CORE DOOR
9	2'-6"	6'-8"	HOLLOW CORE DOOR
10	4'-0"	6'-8"	BI-HINGE DOOR UNIT
11	2'-8"	6'-8"	FULL LITE EXTERIOR DOOR
12	2'-0"	6'-8"	HOLLOW CORE DOOR
13	3'-0"	6'-8"	CASED OPENING
14	2'-8"	6'-8"	HOLLOW CORE DOOR
15	2'-0"	6'-8"	HOLLOW CORE DOOR
16	2'-8"	6'-8"	SOLID CORE EXTERIOR DOOR
17	2'-8"	6'-8"	HOLLOW CORE DOOR
18	2'-8"	6'-8"	HOLLOW CORE DOOR
19	2'-8"	6'-8"	HOLLOW CORE DOOR
20	2'-8"	6'-8"	HOLLOW CORE DOOR
21	18'-0"	7'-0"	OVERHEAD GARAGE DOOR

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

*** 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
INTERIOR LOAD BEARING WALL

John K
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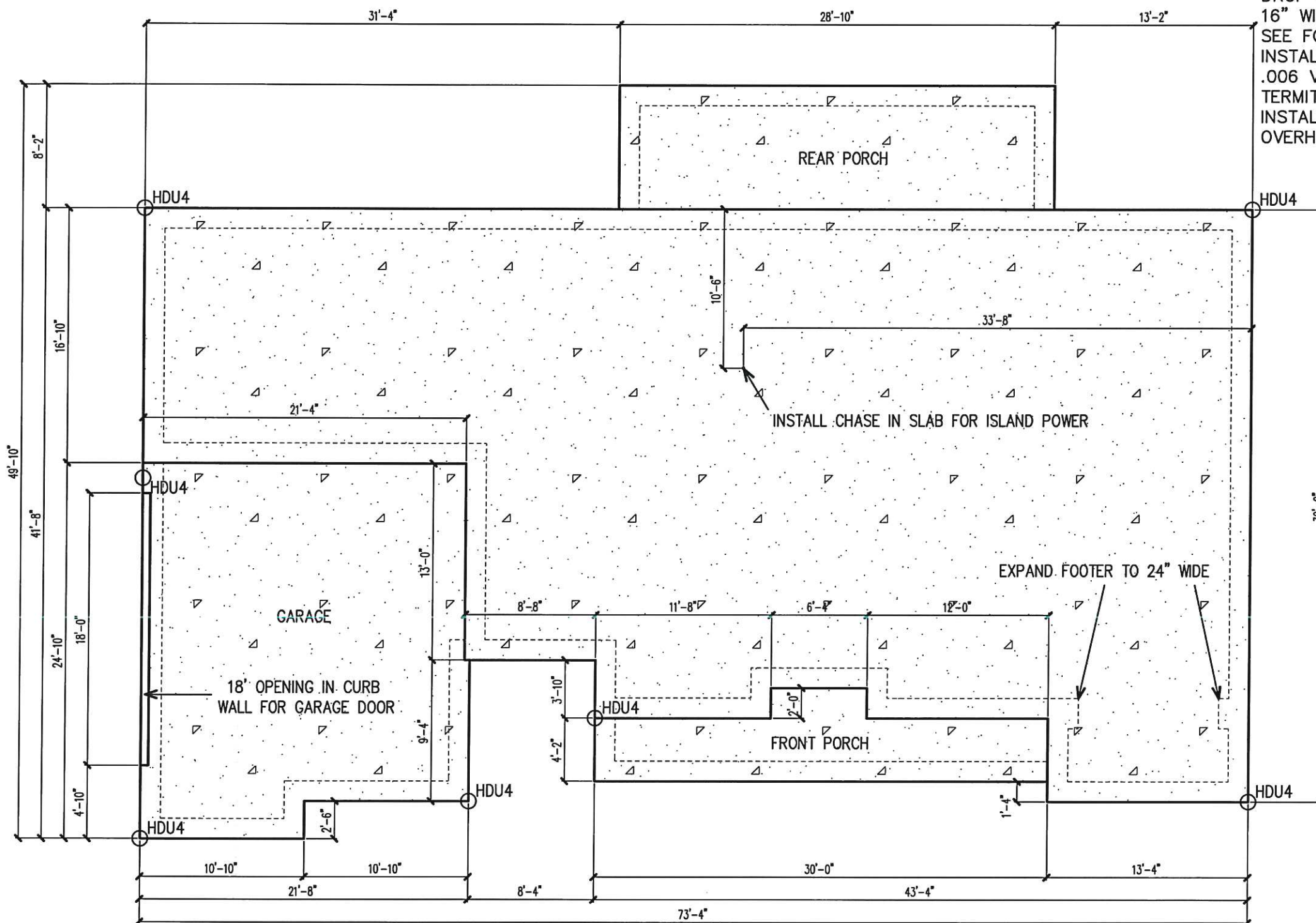
John K. Gentry, P.E.#16990
P.O. Box 1034
Perry, FL 32348
(850) 672-0145

These plans comply with 2023 Florida Building Code, 130 mph wind speed (3 sec. gust)

SQUARE FOOTAGE	
HEATED	2137 S.F.
GARAGE	507 S.F.
PORCH	360 S.F.
TOTAL	3004 S.F.

Norman & Almonte
589 SW Kicklighter Terrace, Lake City, FL

CHRISMILL HOMES
FLORIDA



3000 P.S.I. FIBERMESH CONCRETE
 DROP GARAGE MIN. 3.5"
 DROP PORCHES 3.5"
 16" WIDE FOOTERS WITH 2 RUNS #5 REBAR
 SEE FOOTER DETAIL ON PAGE 7
 INSTALL HDU4 HOLD-DOWNS WHERE SHOWN
 .006 VISQUEEN VAPOR BARRIER
 TERMITE TREAT COMPACTED SOIL BENEATH SLAB
 INSTALL ENCASED GROUNDING ELECTRODE PER 250.52.3
 OVERHEAD PEX PLUMBING SUPPLY LINES

FOUNDATION PLAN

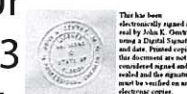
SCALE: 1/8" = 1'-0"

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.

REFERENCE DETAIL "B2" ON PAGE 7 IF FOUNDATION HEIGHT ABOVE GRADE EXCEEDS 16"

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John K
 .Gentry Jr
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DATE: 03-23-2025

PAGE 2 OF 8

SQUARE FOOTAGE	HEATED	GARAGE	PORCH	TOTAL
	2137 S.F.	507 S.F.	360 S.F.	3004 S.F.

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589 SW Kicklighter Terrace, Lake City, FL



WIND DESIGN DATA:

- *The Basic Wind Speed (3-second gust)-130mph
- *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: 1/8" = 1'-0"



REAR ELEVATION

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

John K Gentry

Jr

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15:22:43

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This has been electronically signed and sealed 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 copy.

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PAGE 3 OF 8

SQUARE FOOTAGE

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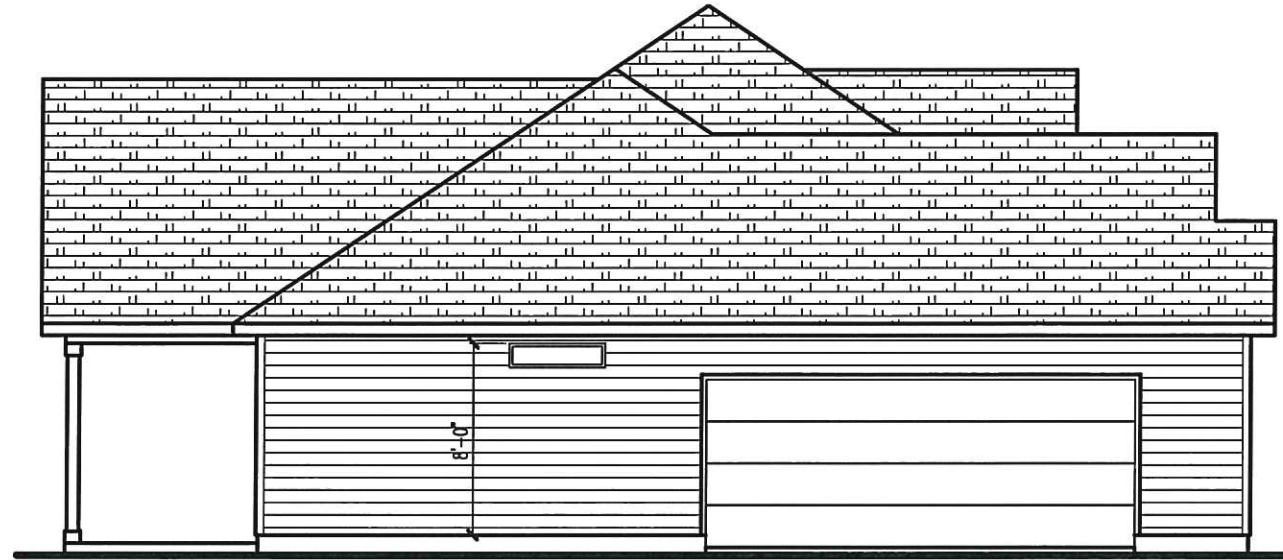
589 SW Kicklighter Terrace, Lake City, FL



CHRISMILL HOMES
FLORIDA

WIND DESIGN DATA:

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- *Wind Importance Factor—1.0, Building Classification II
- *Wind Exposure—B
- *Category—Enclosed, GC=+/-0.18
- *C&C Window and Door Pressure=-40psf



LEFT ELEVATION

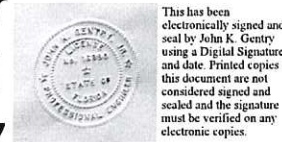
SCALE: 1/8" = 1'-0"



RIGHT ELEVATION

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

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.Gentry Jr
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PAGE 4 OF 8

SQUARE FOOTAGE

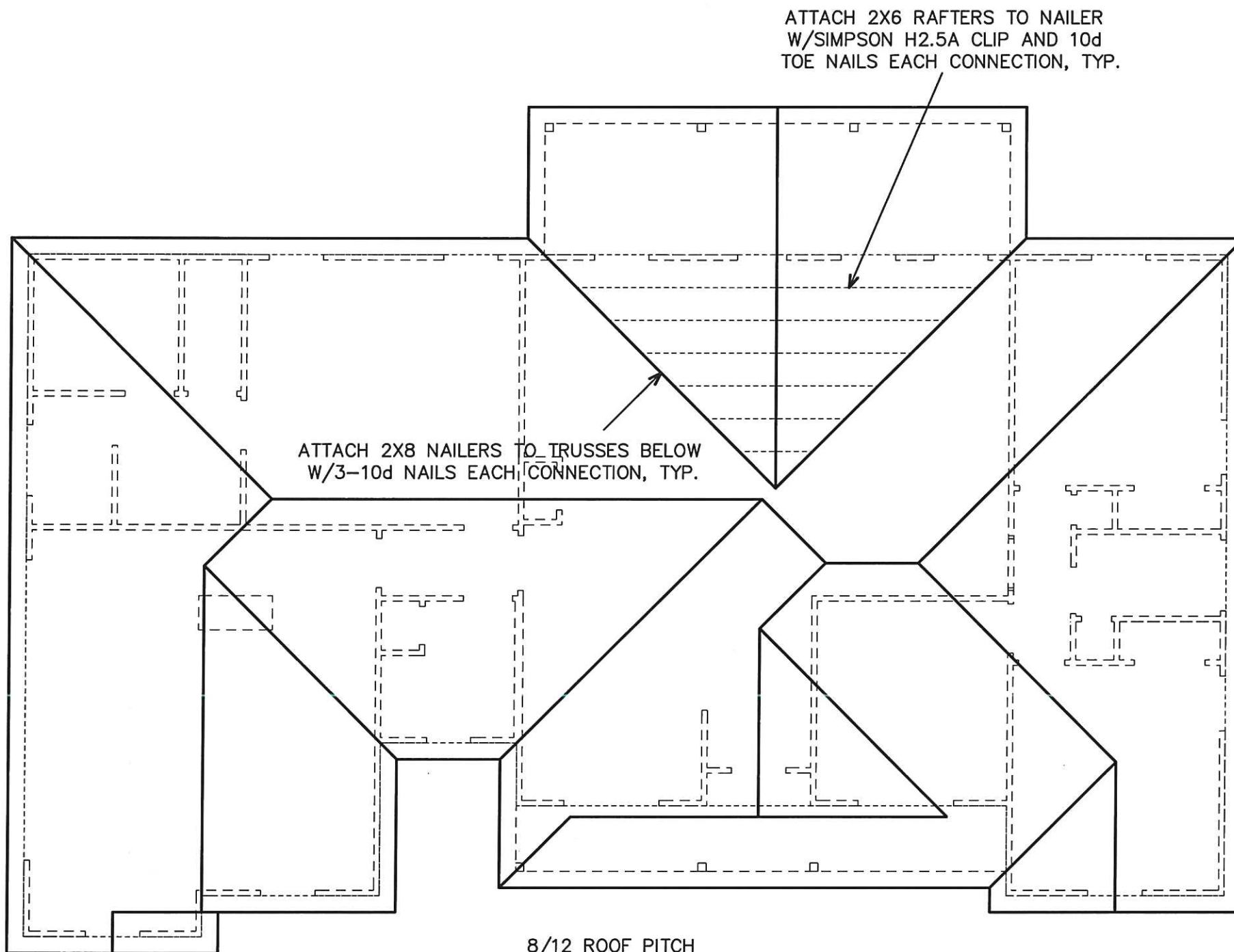
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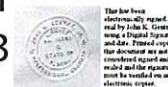


ROOF PLAN

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

8/12 ROOF PITCH
12" OVERHANGS
ARCHITECTURAL SHINGLES OVER SYNTHETIC UNDERLAYMENT
15/32" OSB ROOF DECKING - SEE PAGE 8 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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PAGE 5 OF 8

SQUARE FOOTAGE	
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FINAL PLACEMENT OF RECEPTACLES AND SMOKE DETECTORS TO BE DETERMINED ON SITE BY ELECTRICIAN TO MEET CURRENT CODES
ALL CIRCUITS SUPPLYING OUTLETS HAVE ARC FAULT PROTECTION
AIR HANDLER AND WATER HEATER ARE LOCATED IN ATTIC, NEAR PULLDOWN STAIR
WIRE AND BRACE LIGHTS ON PORCHES FOR FUTURE CEILING FANS

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

⊗

CAN LIGHT W/ FAN

⊗

CEILING FAN W/ LIGHT

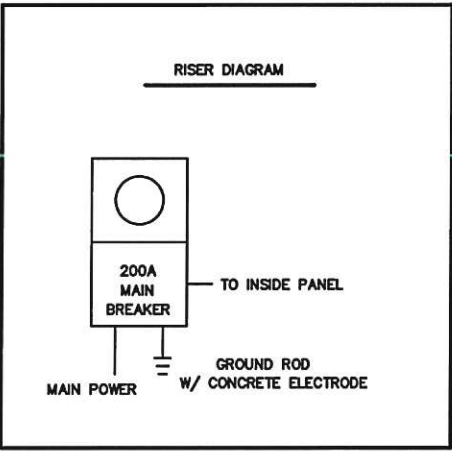
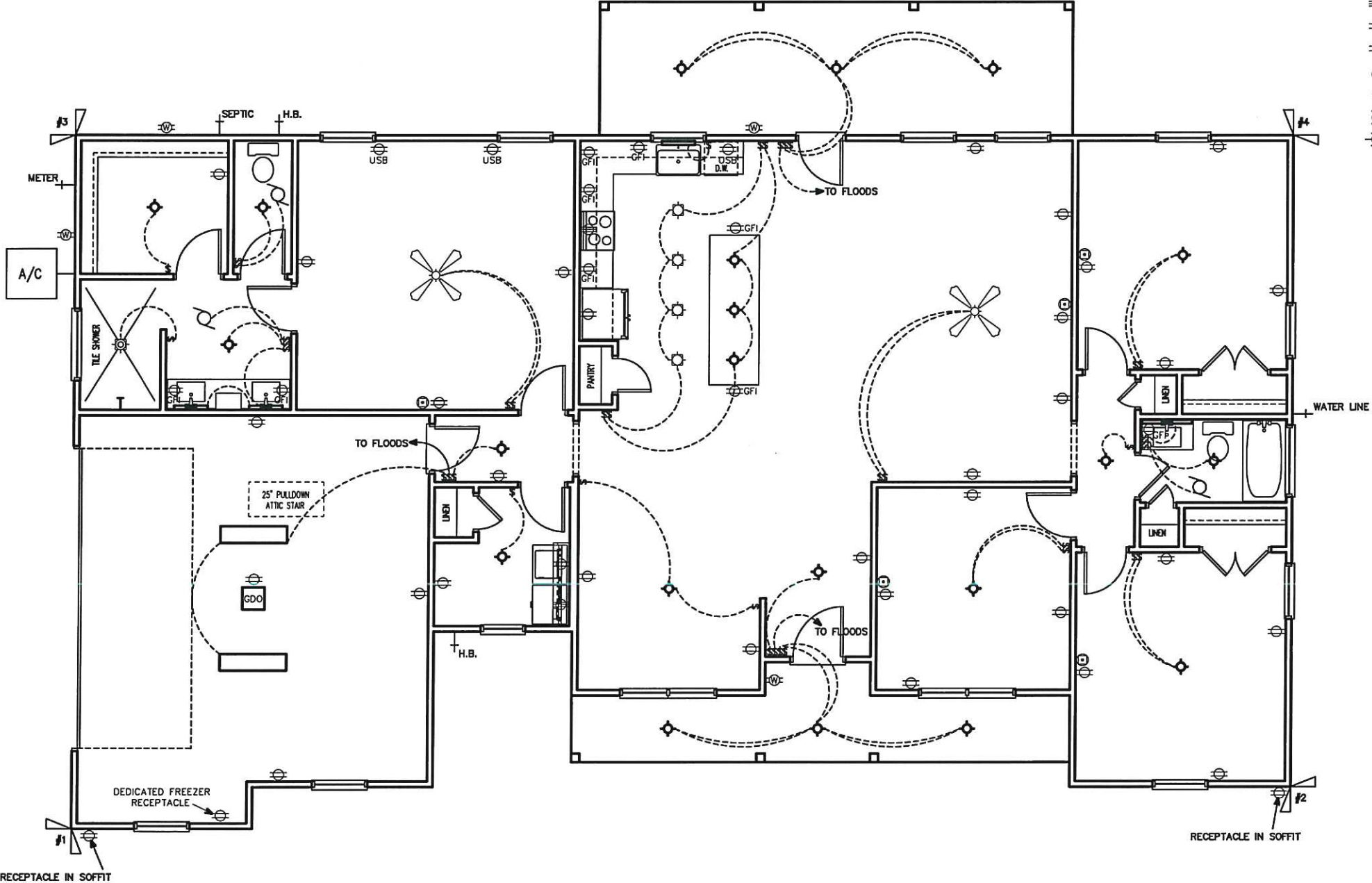
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CABLE TV OUTLET

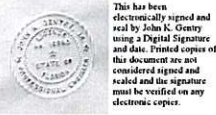
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BAR MOUNT VANITY LIGHT

⊕

DOOR CHIME

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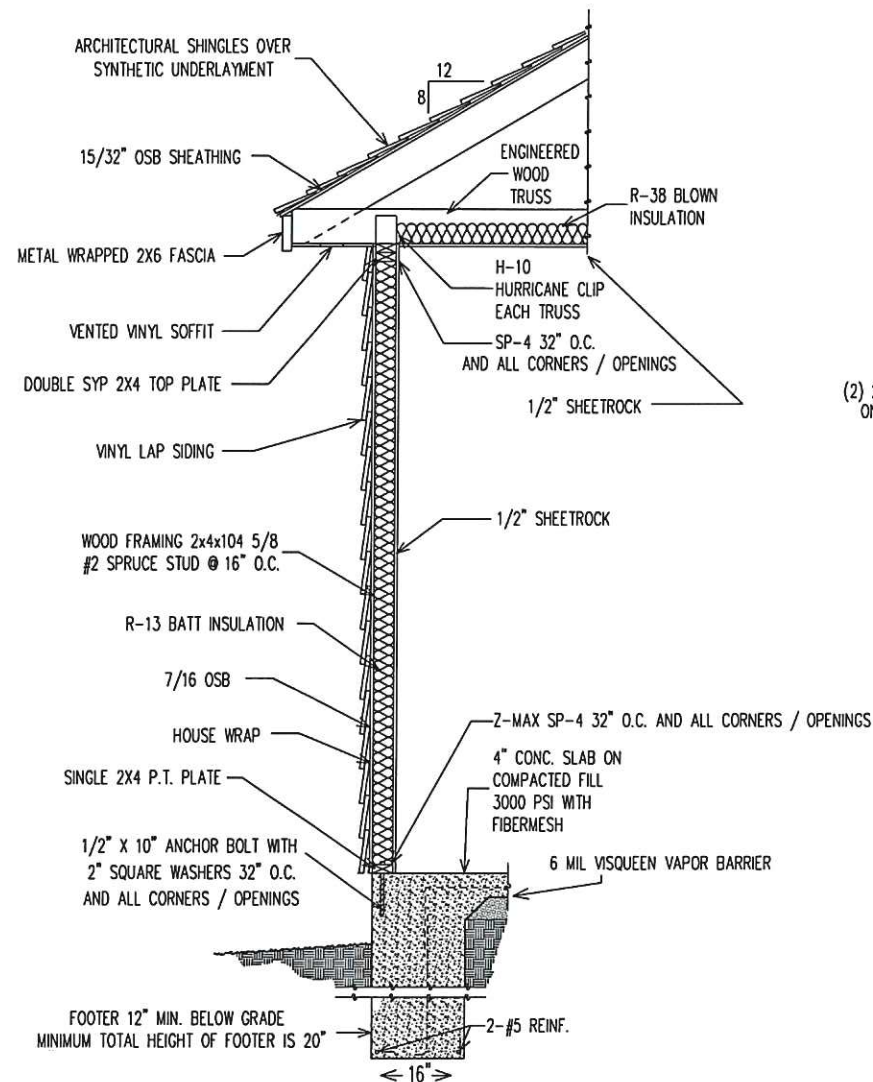
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PORCH				
TOTAL				

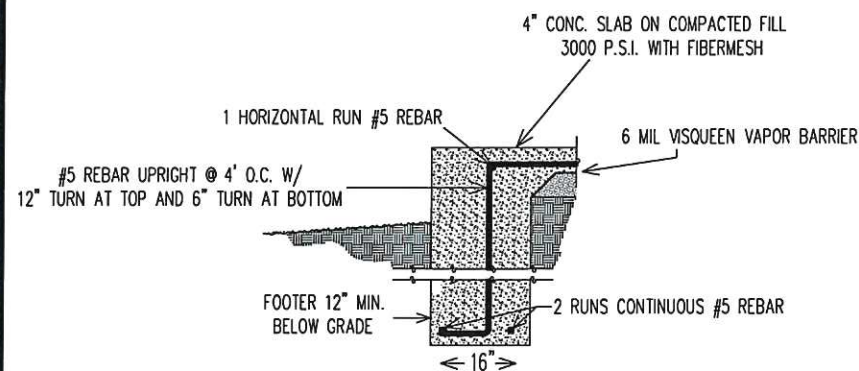
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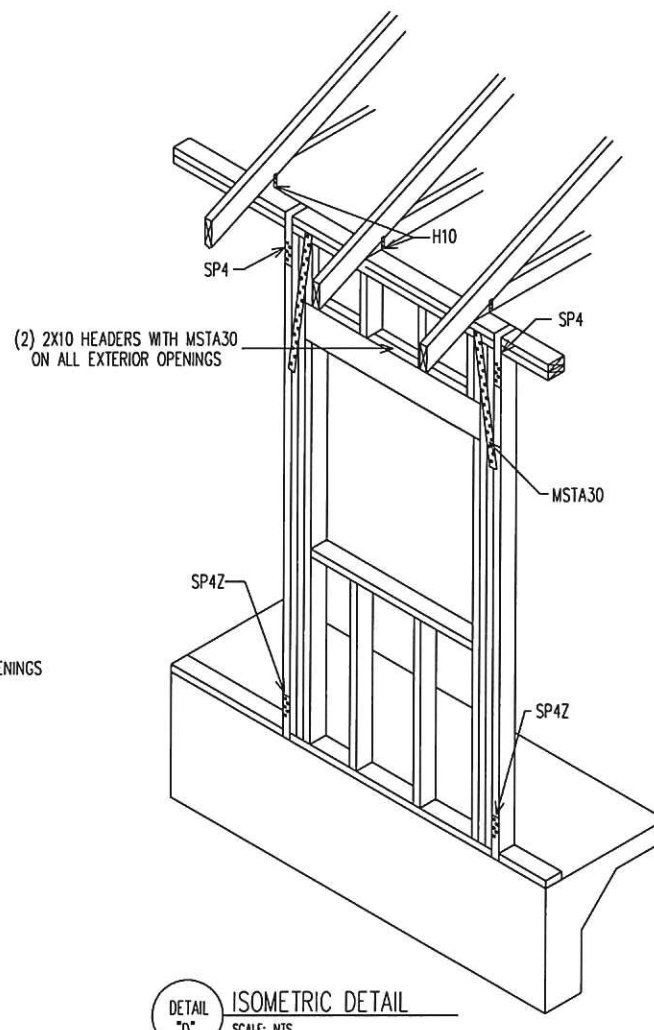




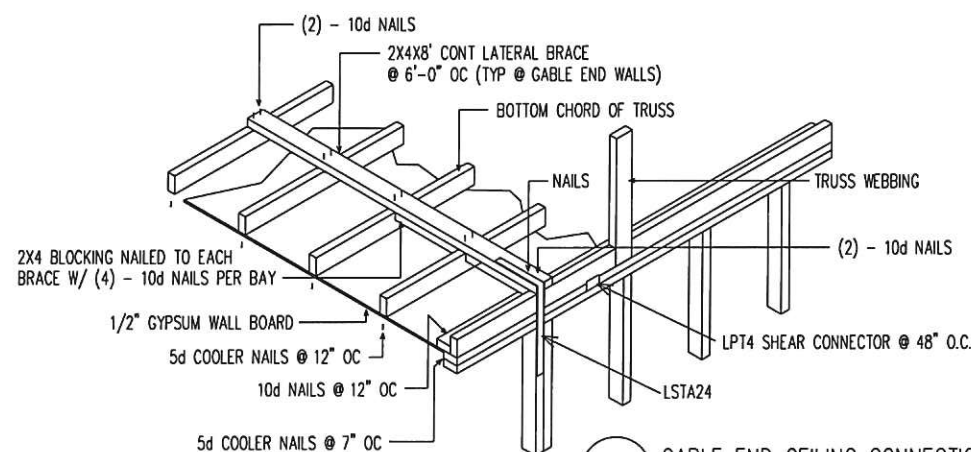
DETAIL "B" WALL SECTION FOR 130 WINDLOAD



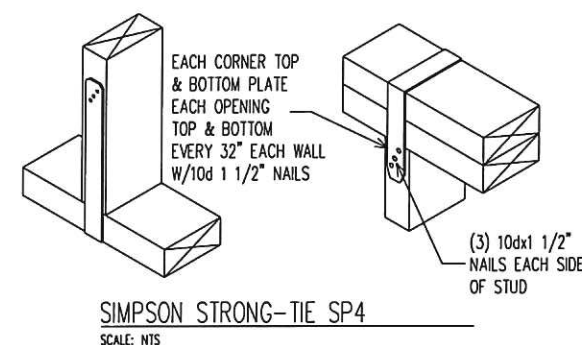
DETAIL "B2" FOOTER DETAIL FOR >16" SLAB ABOVE GRADE



DETAIL "D" ISOMETRIC DETAIL SCALE: NTS



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



SIMPSON STRONG-TIE SP4 SCALE: NTS

GENERAL NOTES:

DESIGN LOAD

1. LIVE LOAD = 40 PSF

2. DEAD LOAD = 10 PSF

3. WIND LOADS

BASIC WIND SPEED 130 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.

AC308 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

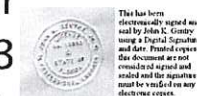
SHALL HAVE ALL VEGETATION, STUMPS, ROOTS, AND FOREIGN

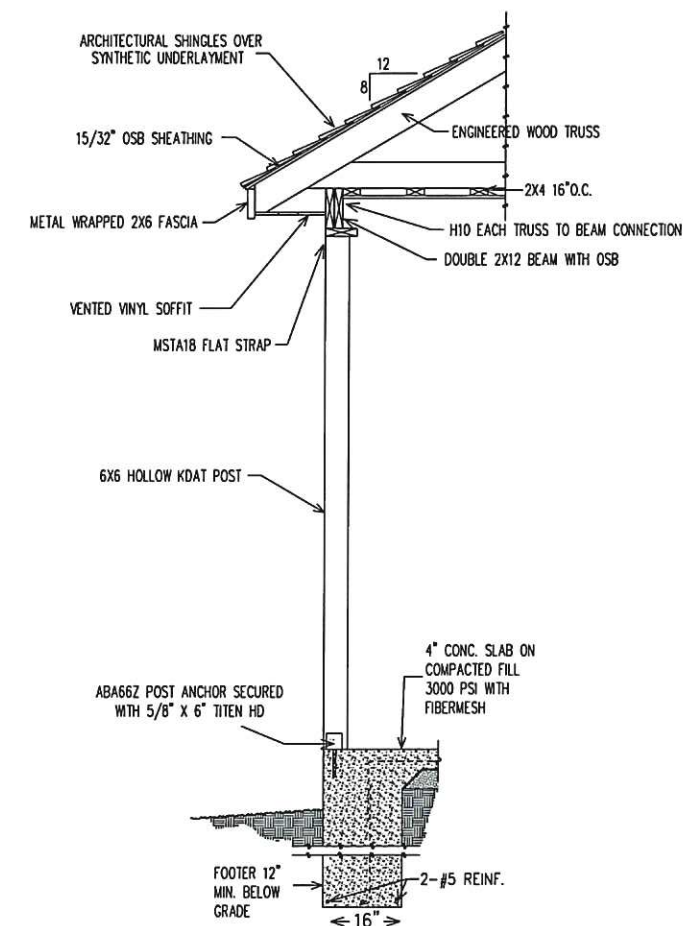
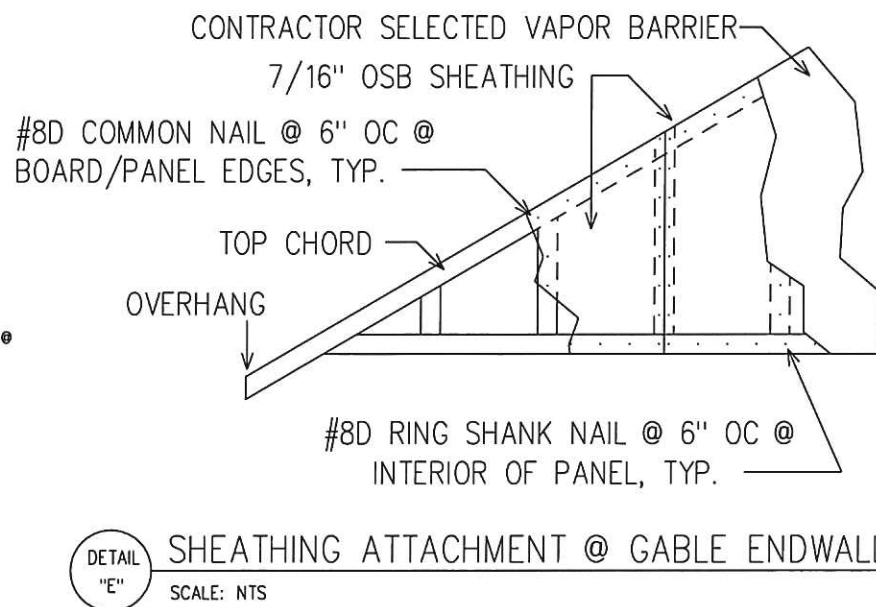
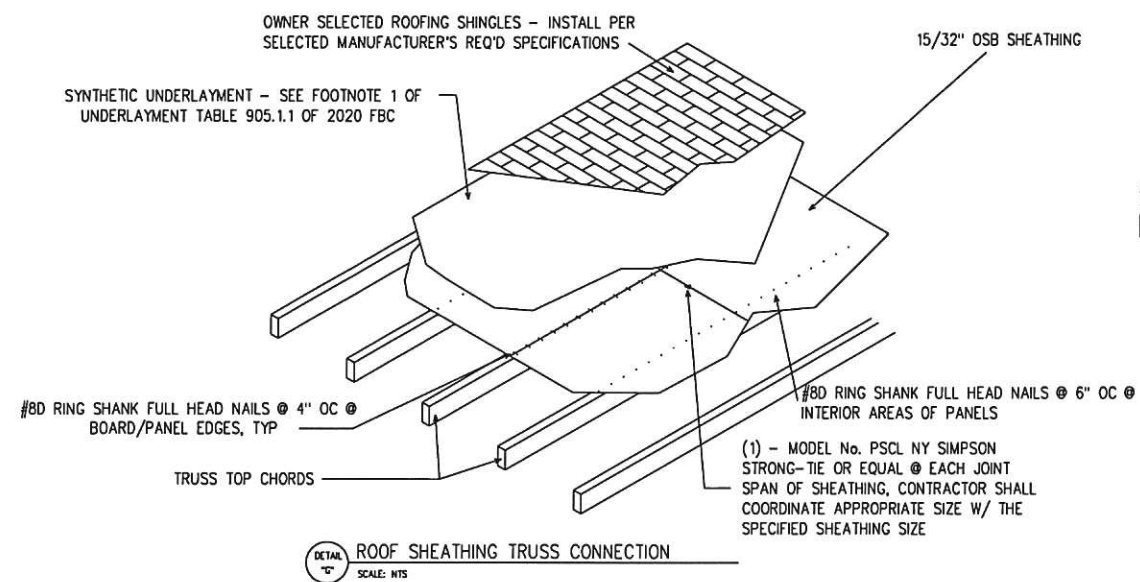
MATTERS REMOVED PRIOR TO THEIR CONSTRUCTION.

B.) FILL MATERIAL SHALL BE FREE OF VEGETATION AND FOREIGN

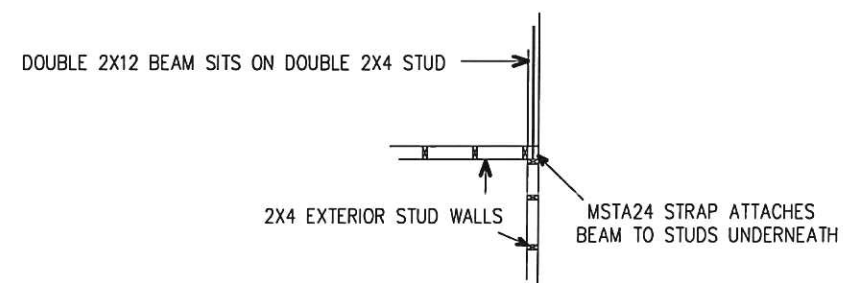
MATERIAL.

C.) ALLOWABLE BEARING PRESSURE = 1500 PSF.

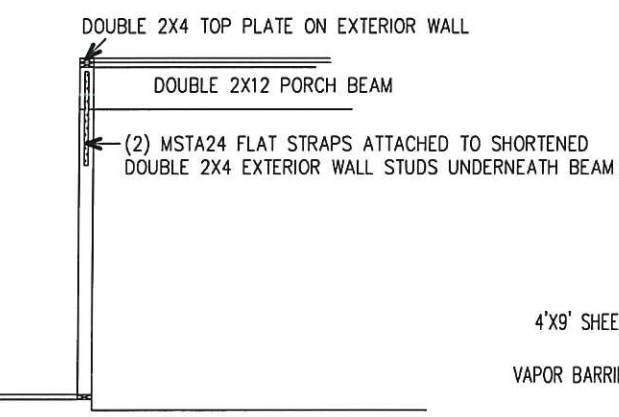




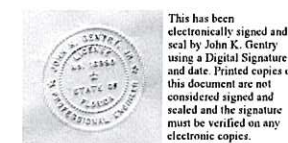
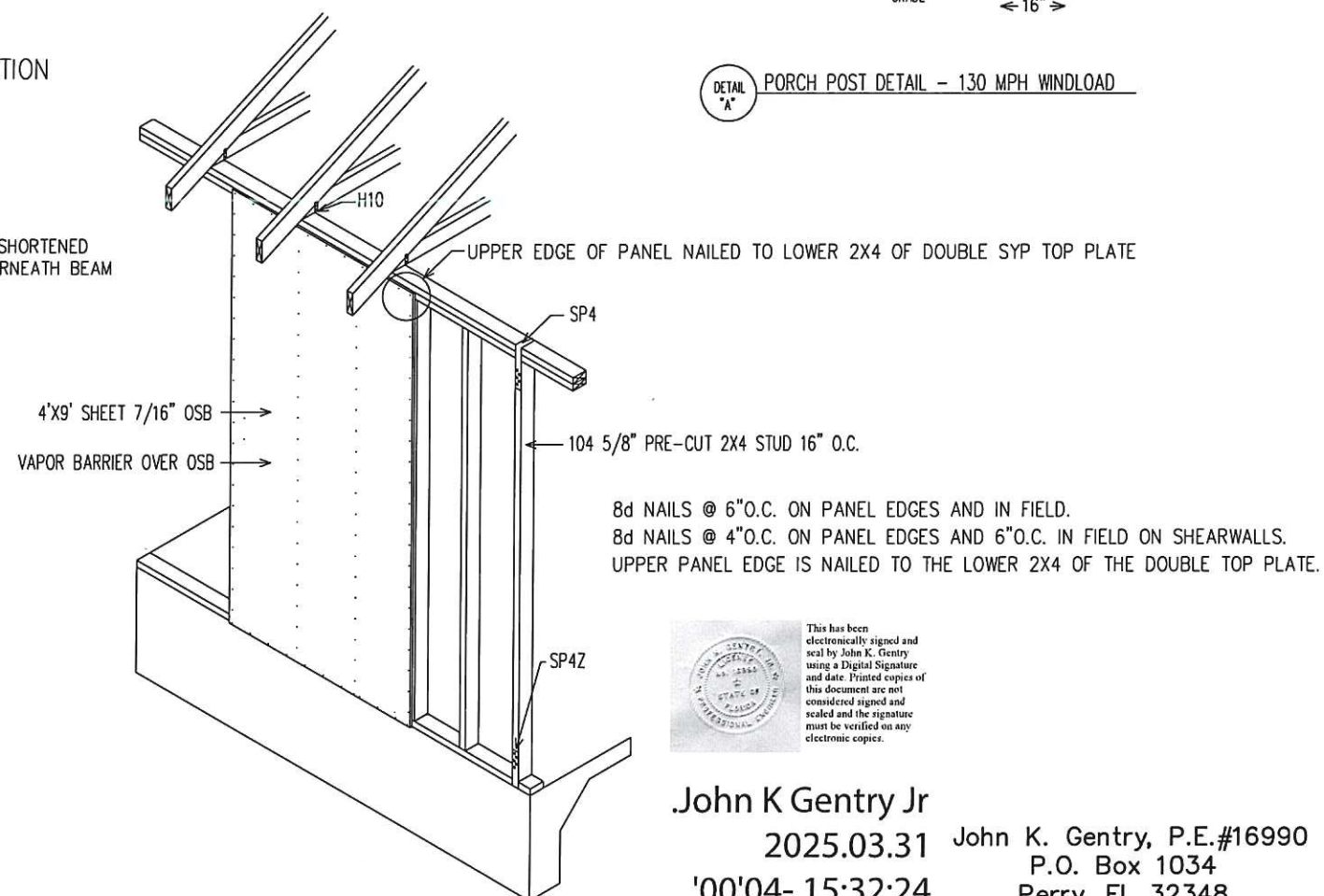
TOP VIEW OF PORCH BEAM CORNER CONNECTION



SIDE VIEW OF PORCH BEAM CONNECTION



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



John K Gentry Jr
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PAGE 8 OF 8

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