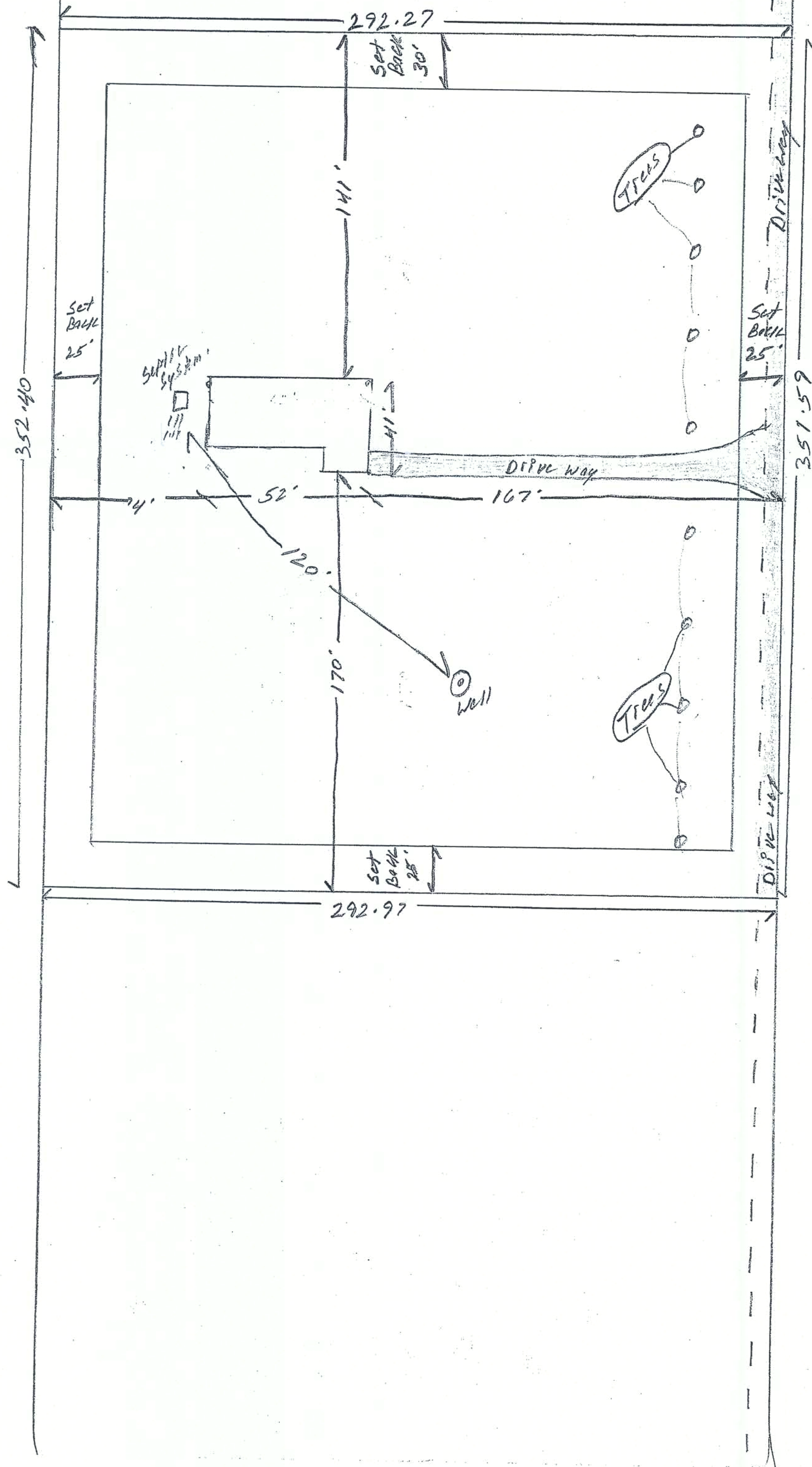


County Rd. 252 SW Pine Mount Rd.

5.01 Acres
Not A Part

30' Ingress/Egress
Easement



Brenda E. Nelson

3489 SW Pine Mount Rd.
Lake City FLA.
32024

Section 7, Town Ship 4 South
Range 16 East
Columbia County FLA.

Parcel ID 02806-037

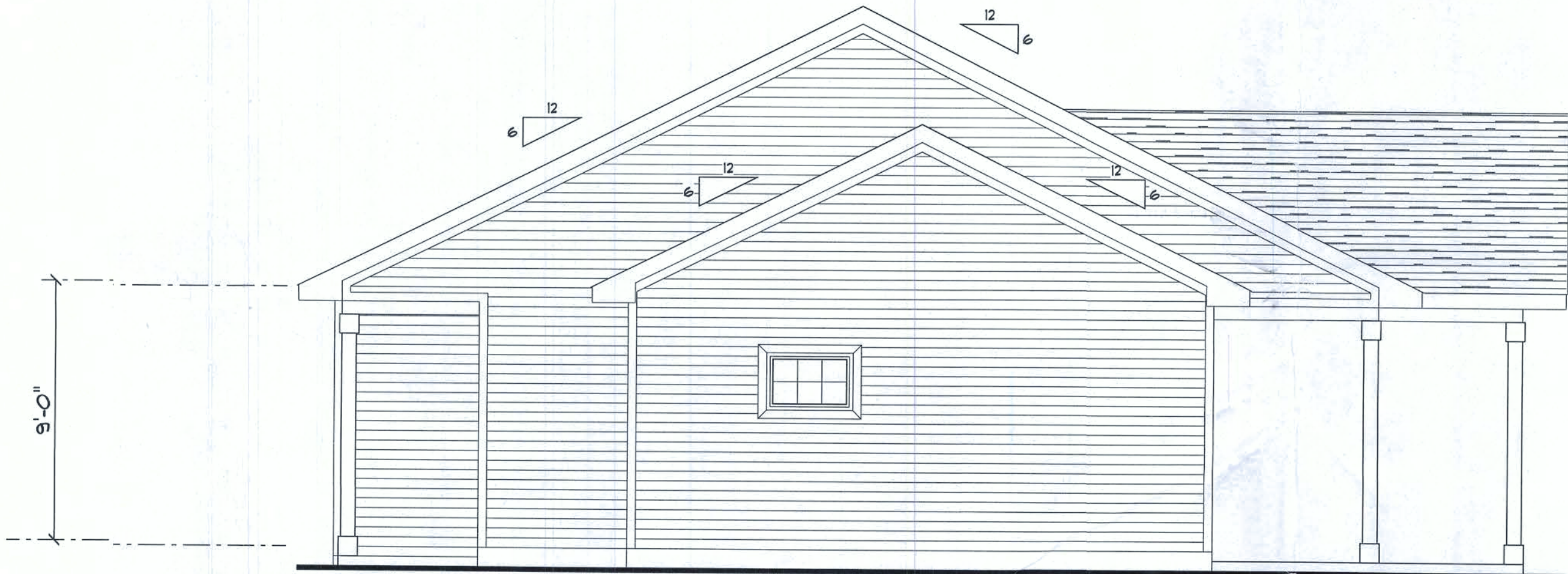
ROOF VENTILATION:
R805.2 Minimum vent area.
The minimum net free ventilating area shall be 1/150 of the area of the vented space.
Exception: The minimum net free ventilation area shall be 1/300 of the vented space provided one or more of the following conditions are met:
1. In Climate Zones 6, 7 and 8, a Class I or II vapor retarder is installed on the warm-in-winter side of the ceiling.
2. At least 40 percent and not more than 50 percent of the required ventilating area is provided by ventilators located in the upper portion of the attic or rafter space.
Upper ventilators shall be located no more than 3 feet below the ridge or highest point of the space, measured vertically, with the balance of the required ventilation provided by eave or cornice vents. Where the location of wall or roof framing members conflicts with the installation of upper ventilators, installation more than 3 feet below the ridge or highest point of the space shall be permitted.



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



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



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



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

Edgley Construction

Brenda Nelson Res.

PROJECT ADDRESS:
Pinehurst Road
Lake City, FL

DIMENSIONS:
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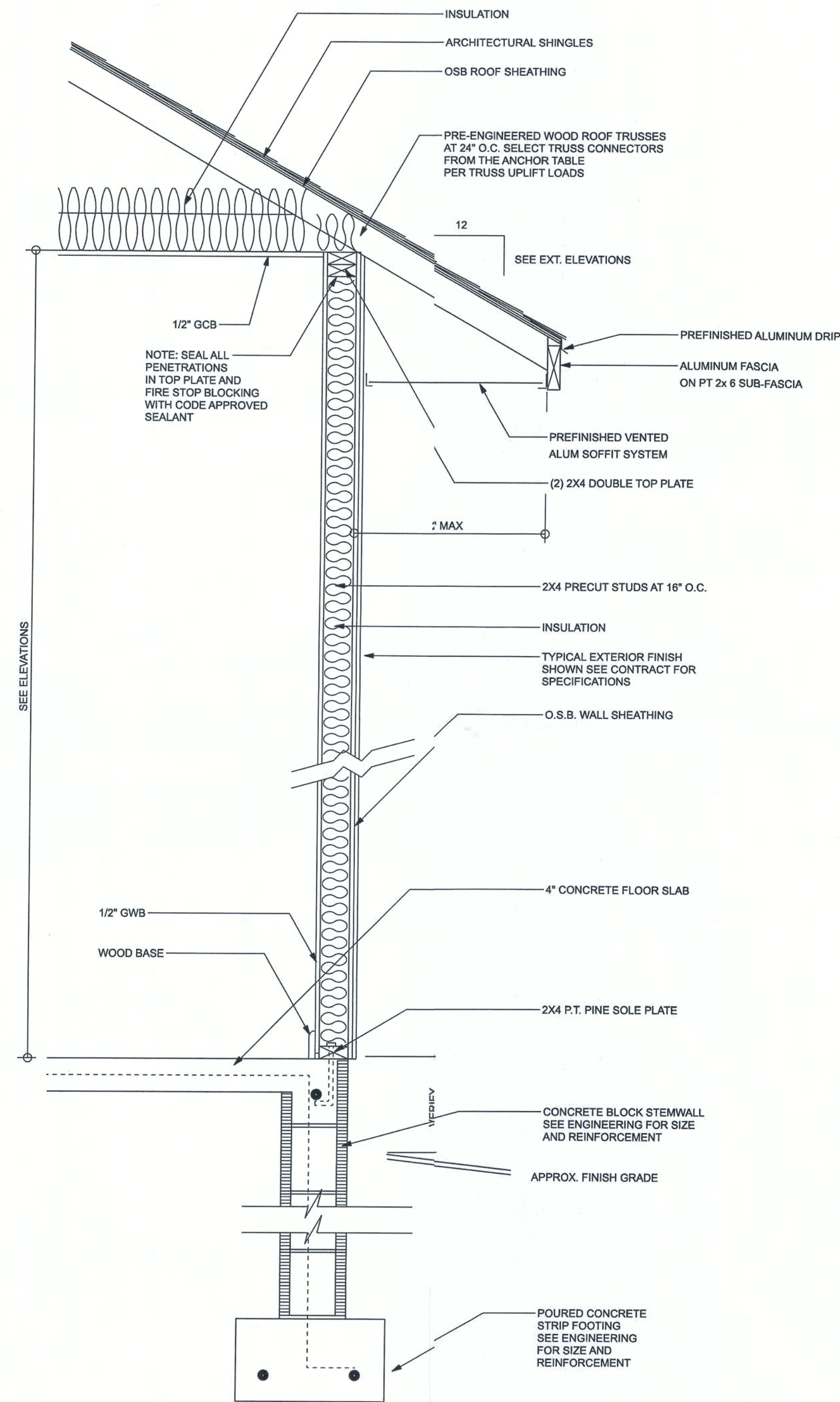
MARK DISOSWAY P.E. 53915



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316.754.5419
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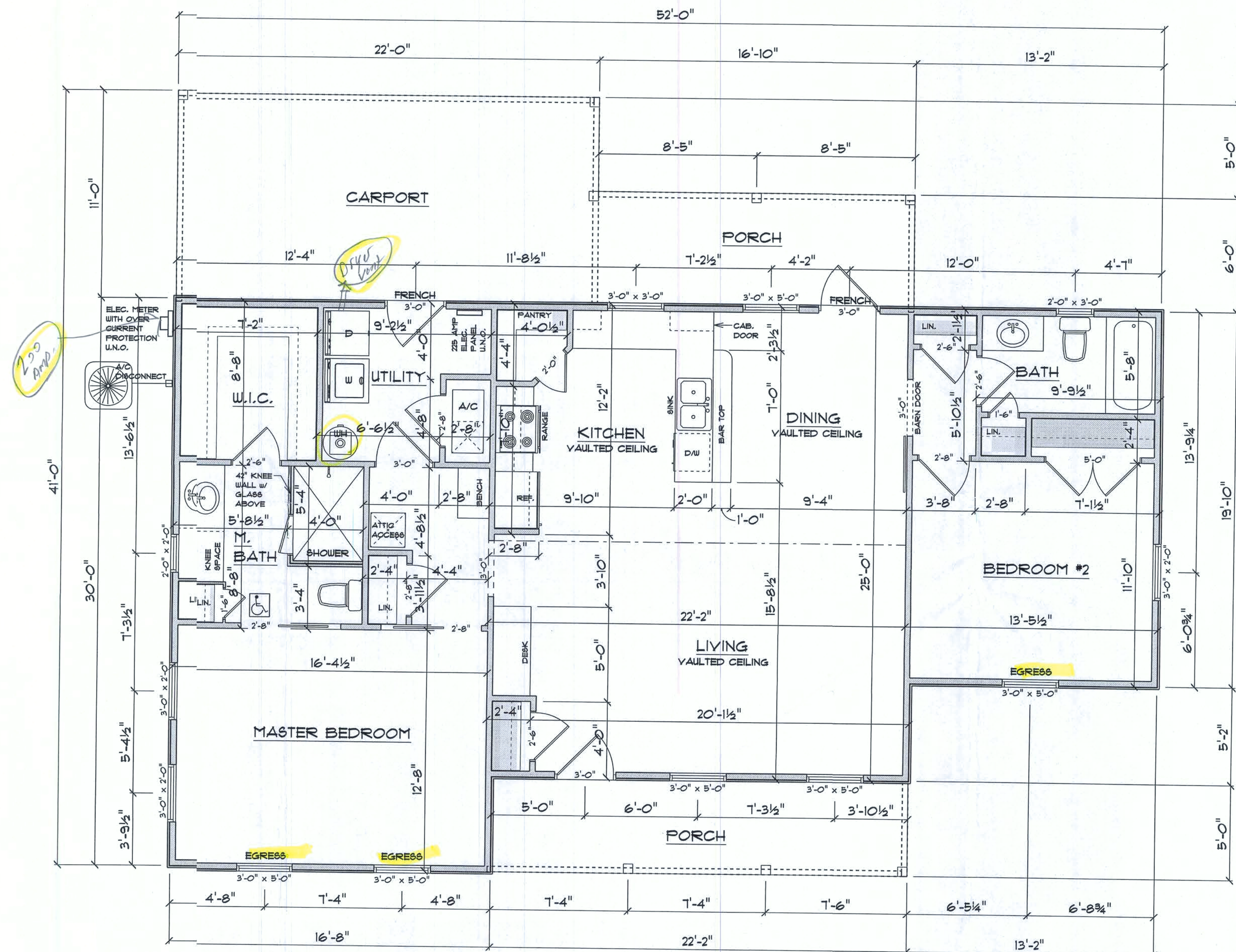
JOE NUMBER:
200430

1
OF 6 SHEETS



TYPICAL DESIGN WALL SECTION
NON - STRUCTURAL DATA

SCALE: 1" = 1'-0"



FLOOR PLAN

SCALE: 1/4" = 1'-0"
ALL CEILING HEIGHTS TO BE 9'-0" UNLESS NOTED OTHERWISE

AREA SCHEDULE	
NAME	AREA
Living	1315.3 sq. ft.
Carport	242.0 sq. ft.
Front Porch	110.8 sq. ft.
Rear Porch	101.0 sq. ft.
Total Under Roof	1769.1 sq. ft.

Edgley Construction

Brenda Nelson Res.

PROJECT ADDRESS:
Pinehurst Road
Lake City, FL

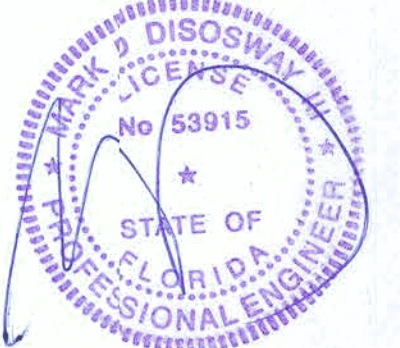
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MARK DISOSWAY P.E. 53915



Friday, May 1, 2020

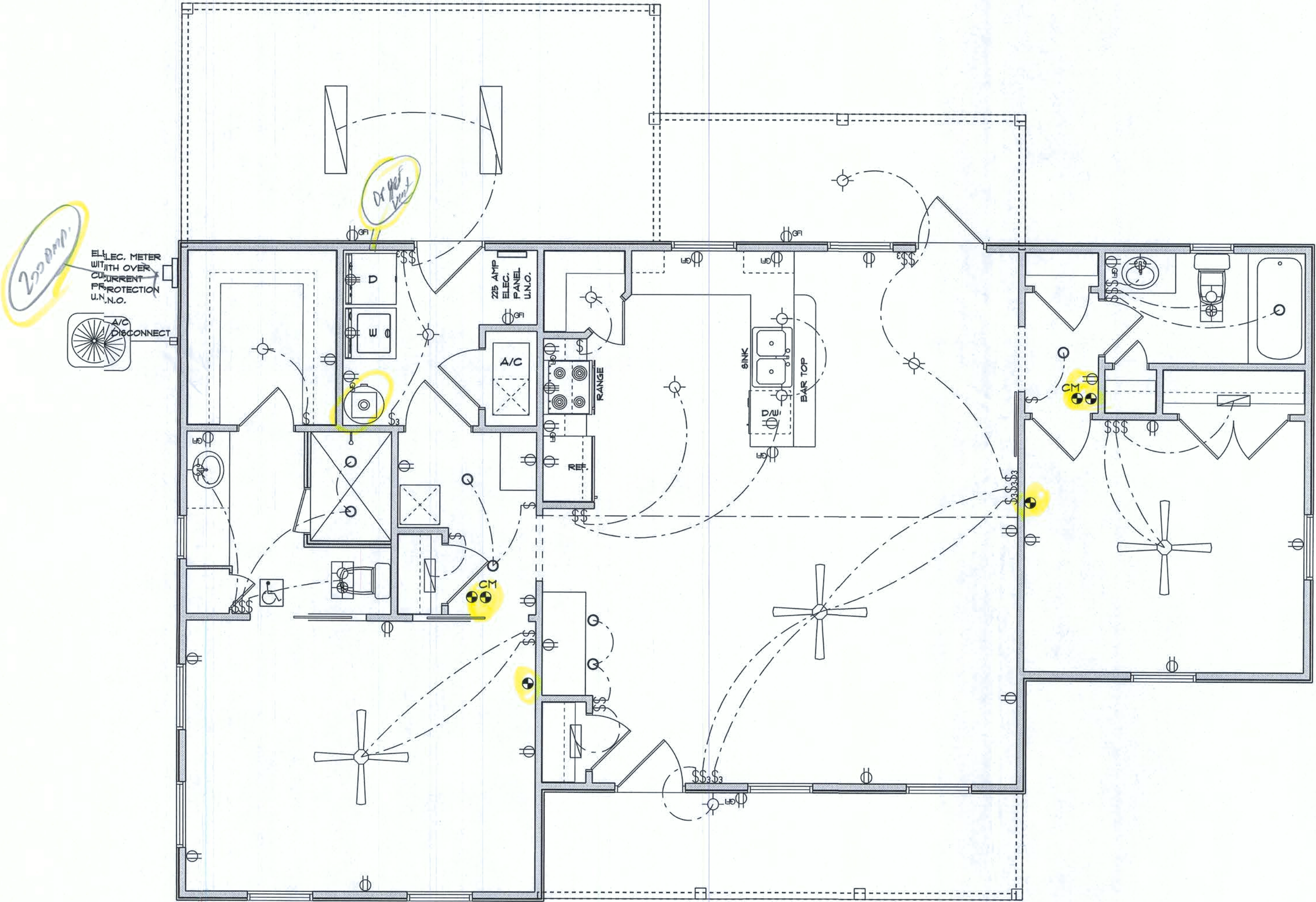
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Suite 103
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316.754.5419
disoswaydesign@gmail.com

JOB NUMBER:
200430

2
OF 6 SHEETS

ELECTRICAL PLAN NOTES:	
E-1	WIRE ALL APPLIANCES, HVAC UNITS AND OTHER EQUIPMENT PER MANUF. SPECIFICATIONS.
E-2	CONSULT THE OWNER FOR THE NUMBER OF SEPERATE TELEPHONE LINES TO BE INSTALLED.
E-3	ALL INSTALLATIONS SHALL BE PER NAT'L. ELECTRIC CODE.
E-4	ALL SMOKE DETECTORS SHALL BE 120V W/ BATTERY BACKUP OF THE PHOTOELECTRIC TYPE, AND SHALL BE INTERLOCKED TOGETHER. INSTALL INSIDE AND NEAR ALL BEDROOMS.
E-5	TELEPHONE, TELEVISION AND OTHER LOW VOLTAGE DEVICES OR OUTLETS SHALL BE AS PER THE OWNER'S DIRECTIONS, & IN ACCORDANCE W/ APPLICABLE SECTIONS OF NEC-LATEST EDITION.
E-6	ELECTRICAL CONTR SHALL BE RESPONSIBLE FOR THE DESIGN & SIZING OF ELECTRICAL SERVICE AND CIRCUITS.
E-7	ENTRY OF SERVICE (UNDERGROUND OR OVERHEAD) TO BE DETERMINED BY POWER COMPANY.
E-8	ALL 120-VOLT, SINGLE-PHASE, 15- AND 20-AMPERE BRANCH CIRCUITS SUPPLYING OUTLETS INSTALLED IN DWELLING UNIT FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENs, BEDROOMS, SUN ROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS, OR SIMILAR ROOMS OR AREAS SHALL BE PROTECTED BY A LISTED ARC-FAULT CIRCUIT INTERRUPTER, COMBINATION-TYPE INSTALLED TO PROVIDE PROTECTION OF THE BRANCH CIRCUIT.
E-9	ALL OUTLETS TO BE LOCATED ABOVE BASE FLOOD ELEVATION.
E-10	A SERVICE DISCONNECT WITH OVER CURRENT PROTECTION SHALL BE INSTALLED OUTSIDE OF THE BUILDING, ON THE LOAD SIDE OF THE METER, AT THE PLACE ELECTRIC CONDUCTORS ENTER THE BUILDING.
E-11	SERVICE ENTRANCE CONDUCTORS MAY NOT BE LOCATED INSIDE OF THE OF THE BUILDING WITHOUT SPECIAL APPROVAL OF THE BUILDING OFFICIAL.
E-12	CARBON MONOXIDE ALARMS SHALL BE REQUIRED WITHIN 10' OF ALL ROOMS FOR SLEEPING PURPOSES IN BUILDINGS HAVING A FOSSIL-FUEL-BURNING HEATER OR APPLIANCE, A FIREPLACE, OR ATTACHED GARAGE.
E-13	ALL OUTLETS LOCATED IN RESIDENTIAL TO BE TAMPER-RESISTANT PER NEC.
E-14	A MINIMUM OF 75% OF PERMANENTLY INSTALLED LAMPS OR LIGHTING FIXTURES SHALL BE HIGH EFFICACY 2014 FBC EC SEC. R404.1

ELECTRICAL LEGEND	
	CEILING FAN (PRE-WIRE FOR LIGHT KIT)
	DOUBLE SECURITY LIGHT
	2x4 FLUORESCENT LIGHT FIXTURE
	RECESSED CAN LIGHT
	BATH EXHAUST FAN WITH LIGHT
	BATH EXHAUST FAN
	LIGHT FIXTURE
	DUPLEX OUTLET
	220v OUTLET
	GFI DUPLEX OUTLET
	SMOKE DETECTOR
	WALL SWITCH
	3 WAY WALL SWITCH
	4 WAY WALL SWITCH
	WATER PROOF GFI OUTLET
	PHONE JACK
	TELEVISION JACK
	GARAGE DOOR OPENER
	CARBON MONOXIDE ALARM



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

Edgley Construction

Brenda Nelson Res.

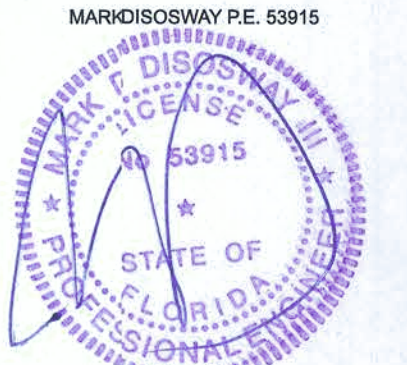
PROJECT ADDRESS:
Pinehurst Road
Lake City, FL

DIMENSIONS:
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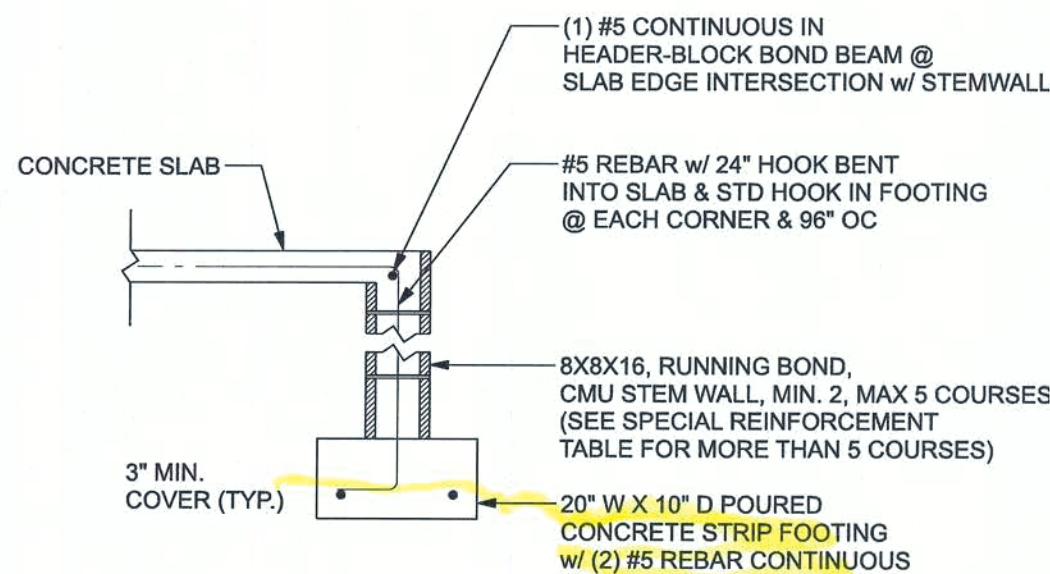


Friday, May 1, 2020

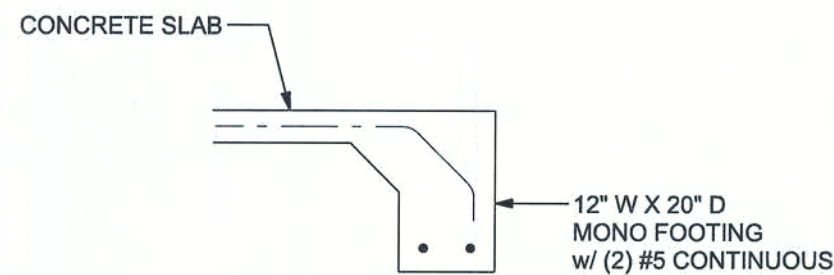
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disoswaydesign@gmail.com

JOB NUMBER:
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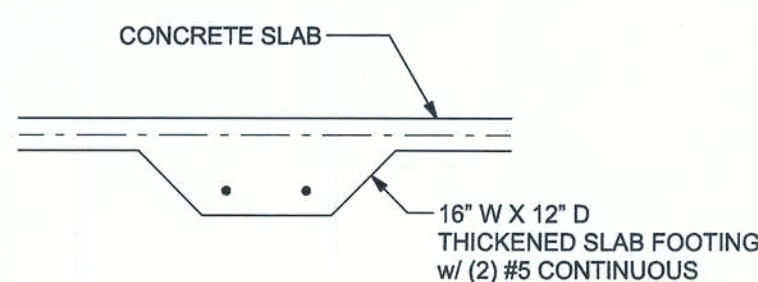
3
OF 6 SHEETS



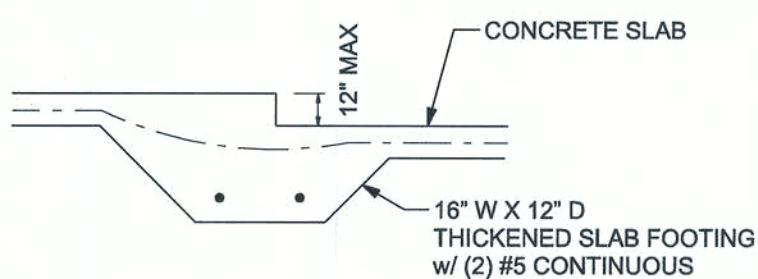
F1
S-2 STEM WALL FOOTING
SCALE: 1/2" = 1'-0"



F2
S-2 MONOLITHIC FOOTING
SCALE: 1/2" = 1'-0"



F3
S-2 INTERIOR BEARING FOOTING
SCALE: 1/2" = 1'-0"



F4
S-2 INTERIOR BEARING STEP FOOTING
SCALE: 1/2" = 1'-0"

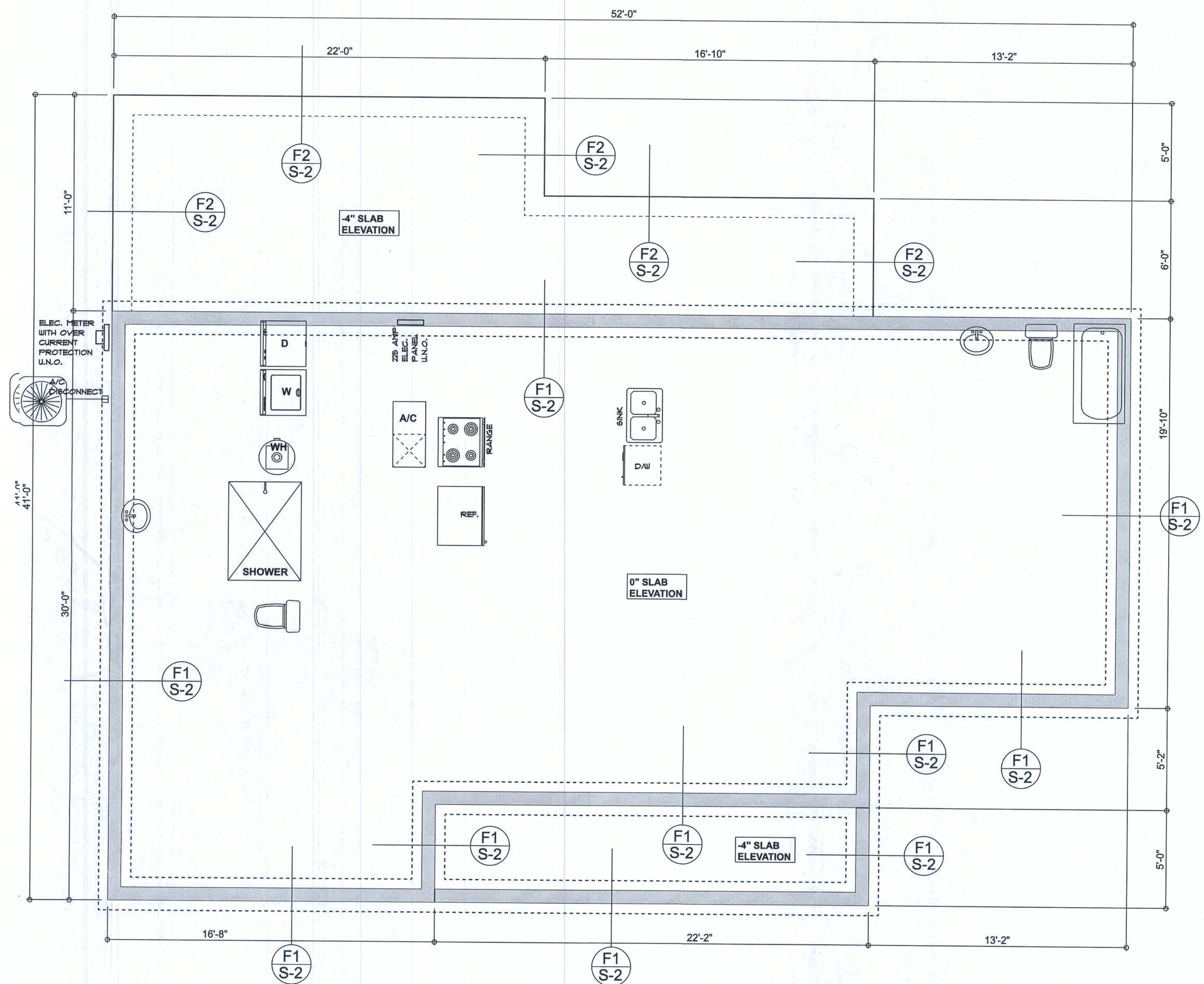
TALL STEM WALL TABLE:
The table assumes 40 ksi for #5 rebar and 60 ksi for #7 & #8 rebar with 6" hook in the footing and bent 24" into the reinforced slab at the top. The vertical steel is to be placed toward the tension side of the CMU wall (away from the soil pressure, within 2" of the exterior side of the wall). If the wall is over 8' high, add Durowall ladder reinforcement at 16" OC vertically or a horizontal bond beam with #5 continuous at mid height. For higher parts of the wall 12" CMU may be used with reinforcement as shown in the table below.

STEMWALL HEIGHT (FEET)	UNBALANCED BACKFILL HEIGHT	VERTICAL REINFORCEMENT FOR 8" CMU STEMWALL (INCHES O.C.)			VERTICAL REINFORCEMENT FOR 12" CMU STEMWALL (INCHES O.C.)		
		#5	#7	#8	#5	#7	#8
3.3	3.0	96	96	96	96	96	96
4.0	3.7	96	96	96	96	96	96
4.7	4.3	88	96	96	96	96	96
5.3	5.0	56	96	96	96	96	96
6.0	5.7	40	80	96	80	96	96
6.7	6.3	32	56	80	56	96	96
7.3	7.0	24	40	56	40	80	96
8.0	7.7	16	32	48	32	64	80
8.7	8.3	8	24	32	24	48	64
9.3	9.0	8	16	24	16	40	48

MASONRY NOTE:
MASONRY CONSTRUCTION AND MATERIALS FOR THIS PROJECT SHALL CONFORM TO ALL REQUIREMENTS OF "SPECIFICATION FOR MASONRY STRUCTURES" (ACI 530.1/ASCE 6/TMS 602). THE CONTRACTOR AND MASON MUST IMMEDIATELY, BEFORE PROCEEDING, NOTIFY THE ENGINEER OF ANY CONFLICTS BETWEEN ACI 530.1-02 AND THESE DESIGN DRAWINGS. ANY EXCEPTIONS TO ACI 530.1-02 MUST BE APPROVED BY THE ENGINEER IN WRITING.

ACI 530.1-02 Section	Specific Requirements
1.4A Compressive strength	8" block bearing walls $F_m = 1500$ psi
2.1 Mortar	ASTM C 270, Type N, UNO
2.2 Grout	ASTM C 476, admixtures require approval
2.3 CMU standard	ASTM C 90-02, Normal weight, Hollow, medium surface finish, 8"x8"x16" running bond and 12"x12" or 16"x16" column block
2.3 Clay brick standard	ASTM C 216-02, Grade SW, Type FBS, 8"x2 1/2"x11 1/2"
2.4 Reinforcing bars, #3 - #11	ASTM 615, Grade 40, $F_y = 40$ ksi, Lap splices min 40 bar dia. (25" for #6)
2.4F Coating for corrosion protection	Anchors, sheet metal ties completely embedded in mortar or grout, ASTM A525, Class G80, 0.60 coil/t2 or 304SS
2.4F Coating for corrosion protection	Joint reinforcement in walls exposed to moisture or wire ties, anchors, sheet metal ties not completely embedded in mortar or grout, ASTM A153, Class B2, 1.50 coil/t2 or 304SS
3.3.E.2 Pipes, conduits, and accessories	Any not shown on the project drawings require engineering approval.
3.3.E.7 Movement joints	Contractor assumes responsibility for type and location of movement joints if not detailed on project drawings.

BOTTOM OF EXTERIOR FOOTINGS SHALL BE A MINIMUM OF 12" BELOW UNDISTURBED SOIL OR ENGINEERED FILL PER FBC 2017-RES. SECTION R403.1.4



FOUNDATION PLAN

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

FOUNDATION NOTES

- FN - 1 DIMENSIONS ON FOUNDATION & STRUCTURAL SHEETS ARE NOT EXACT. REFER TO ARCHITECTURAL PLANS FOR ACTUAL DIMENSIONS, RECESSES IN SLAB, STEP DOWNS, ETC. DISOSWAY DESIGN GROUP OR MARK DISOSWAY, P.E. IS NOT RESPONSIBLE FOR DIMENSION ERRORS ON THIS PLAN.
- CONTRACTOR SHALL VERIFY NEED FOR INTERIOR BEARING IN ALL AREAS BY REVIEWING THE ROOF TRUSS PLAN (BY THE SUPPLIER) BEFORE FINALIZING FOUNDATION PLAN.
- FN - 2 THE SLAB SHALL BE: 4" CONCRETE SLAB REINFORCED w/ 8X8-14/14 WELDED WIRE MESH PLACED ON CHAIRS @ 12" DEPTH ON FIBER MESH CONCRETE, 6-MIL POLY VAPOR BARRIER w/ 6" LAPS SEALED w/ POLY TAPE OVER TERMITES, TREATED & COMPACTED FILL (ALSO, ANY OTHER CODE APPROVED TERMITE-TREATMENT METHOD CAN BE USED INSTEAD)

Edgley Construction

Brenda Nelson Res.

PROJECT ADDRESS:
Pharmacia Road
Lake City, FL

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MARK DISOSWAY P.E. 53915



Friday, May 1, 2020

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Suite 103
Lake City, Florida 32025
386.754.5419
disoswaydesign@gmail.com

JOB NUMBER:
200430

S-2
OF 6 SHEETS

 TRUSS
 TRUSS UNDER VALLEY FRAMING
 VALLEY RAFTER OR RIDGE
 CRIPPLE

CRIPPLES 4'-0" O.C. FOR 20 psf (TL) AND 10 psf (TD) (TYP. SHINGLE ROOF) MAX.

2	2X4 RAFTERS TO RIDGE	3'-6" OR 6 - 131" x 3" TOE NAILS
3	CHIMNEY TO RIDGE	3'-6" OR 6 - 131" x 3" FACE NAILS
4	CHIMNEY TO RAFTERS	3'-6" OR 6 - 131" x 3" FACE NAILS
5	RAFTER TO SLEEPER OR BLOOMING	3'-6" OR 12 - 131" x 3" TOE NAILS
6	SLEEPER TO TRUSS	4'-6" OR 8 - 131" x 3" FACE NAILS EACH TRUSS
7	RIDGE BOARD TO ROOF BLOCK	3'-6" OR 6 - 131" x 3" TOE NAILS
8	RIDGE BOARD TO TRUSS	3'-6" OR 6 - 131" x 3" TOE NAILS
9	PURLIN TO TRUSS (TYP)	3'-6" OR 6 - 131" x 3" NAILS
10	PURLIN TO TRUSS (IF CHIMNEY IS ATTACHED TO PURLIN)	3'-6" OR 6 - 131" x 3" NAILS
11	TRUSS TO BLOOMING	3'-6" OR 8 - 131" x 3" END NAILS
12	CHIMNEY TO TRUSS	3'-6" OR 6 - 131" x 3" FACE NAILS
13	CHIMNEY TO PURLIN	3'-6" OR 6 - 131" x 3" FACE NAILS

MAXIMUM RAFTER SPANS
 6'-0" FOR 2X4, 8'-0" FOR 2X6 SPF #2 OR SYP #2.
 MAXIMUM ROOF AREA PER SUPPORT
 1602 IN FOR 2X4'S & 2482 IN FOR 2X6'S. (EXAMPLE: 4'-0" O.C. X 4'-0" SPAN =
 1602 OR 2X4-RF SPAN = 1602)
 PURLINS REQUIRED 2'-0" O.C. IF EXISTING SHEATHING IS REMOVED.
 THIS DRAWING IS NOT TO SCALE. THE FOLLOWING ARE THE TRUSSE SPACING MINIMUMS
 IN CASES THAT THIS IS IMPRACTICAL, OVERLAP SHEATHING A MINIMUM OF
 6", AND NAIL UPWARDS THROUGH SHEATHING INTO PURLIN WITH A
 MINIMUM OF 8 - 8d COMMON WIRE NAILS.
 THIS DRAWING IS NOT TO SCALE WITH THE FOLLOWING CONDITIONS:
 (SPANS (DISTANCES BETWEEN SHEELS) 4'-0" OR LESS
 - MAXIMUM VALLEY HEIGHT: 14'-0" OR LESS
 - MAXIMUM WIND SPEED
 - MAXIMUM MEAN ROOF HEIGHT: 30 FEET
 - MAXIMUM TOTAL LOADING: 40 psf
 - MEETS IRC 2003 TABLE 7-10 WIND REQUIREMENTS
 EXPOSURE CATEGORY "C", i.e., 1.0, Ks = 1.0
 - ENCLOSED BUILDING

ZYX4 CONTINUOUS LATERAL BRACE (CLB) MIN. IS REQUIRED FOR CRIPPLES 5'-0" TO 10'-0" LONG. NAILS 2" - 10s NAILS OR ZYX 7" OR SCAB BRACE NAILD TO FLAT EDGE OF CRIPPLE WITH 64 NALS @ 8" O.C. "1" OR SCAB MUST BE 90% OF CRIPPLE LENGTH. CRIPPLES 10'-0" OR LONGER REQUIRE TWO (2) OR BOTH FACES W/ 1" OR SCAB. USE STRESS GRADED LUMBER & P.O.C. OR COMMON NALS.

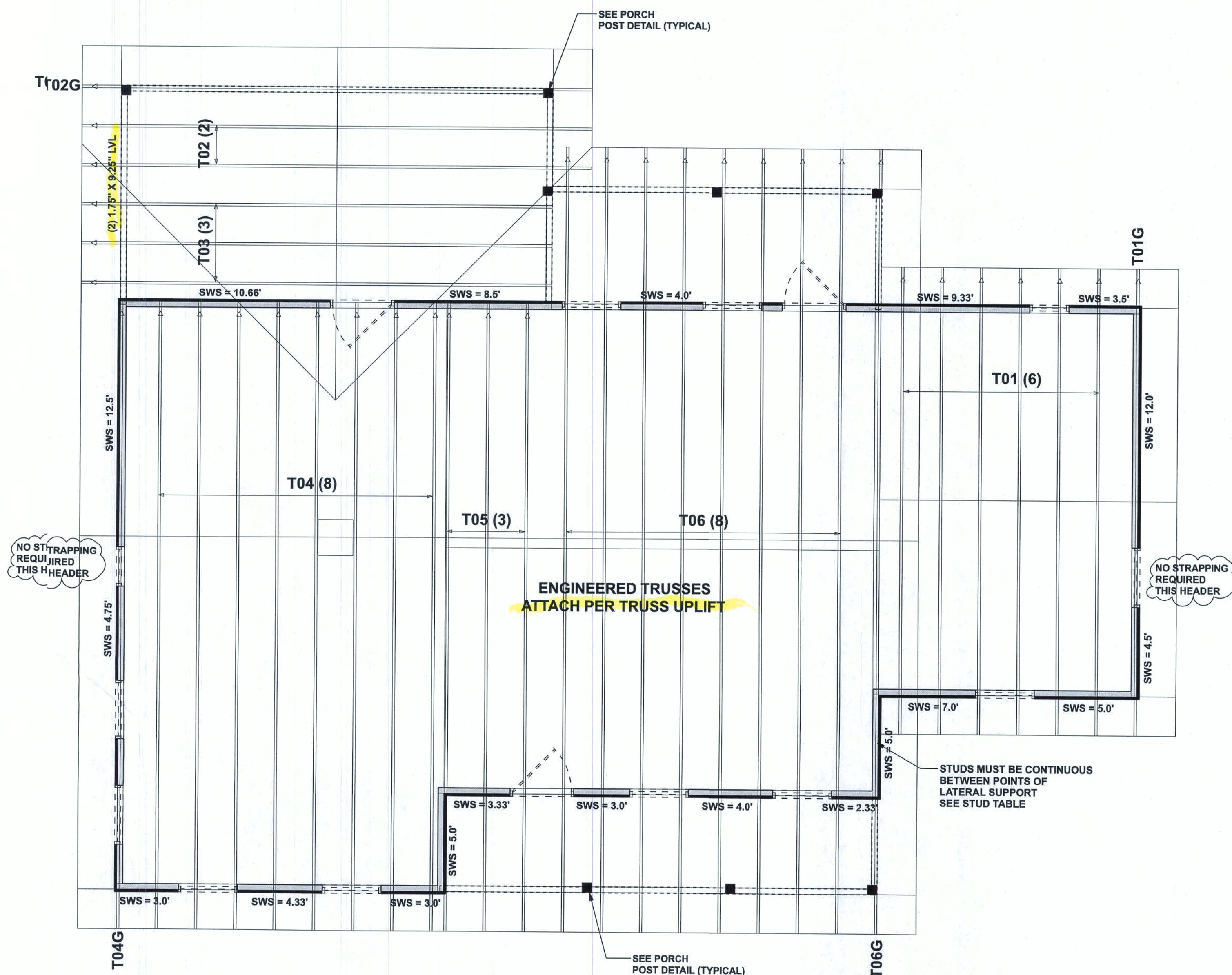
-NARROW EDGE OF CRIPPLE CAN FACE RIDGE OR RAFTER, AS LONG AS THE PROPER NUMBER OF NAILS ARE INSTALLED INTO RIDGE BOARD.

-INSTALL BLOCKING UNDER RAFTER IF SLEEPERS ARE NOT USED.

-INSTALL BLOCKING UNDER CRIPPLES IF CRIPPLES FLAT BETWEEN LOWER TRUSS TOP CHORDS AND LATERAL BRACING IS NOT USED.

-APPLY ALL NAILING IN ACCORDANCE TO NDS-1997 SECTION 12. NALS ARE COMMON WIRE NALS UNLESS NOTED OTHERWISE.

SCALE: N.T.S.



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

SN-1	ALL LOAD BEARING FRAME WALL & PORCH HEADERS SHALL BE A MINIMUM OF (2) 2X10 SP #2 (U.N.O.)
SN-2	ALL LOAD BEARING FRAME WALL HEADERS SHALL HAVE (1) JACK STUD & (1) KING STUD EACH SIDE (U.N.O.)
SN-3	ALL HEADERS W/ UPLIFT TO BE STRAPPED DOWN @ EACH SIDE WITH (1) LSTA24, 14-10d @ TOP & BOTTOM OF WALL WRAP UNDER BOTTOM PLATE & OVER TOP PLATE 1/2" X 10" ANCHOR BOLT W/ 1/4" WASHER MUST BE LOCATED WITHIN 6" OF KING STUD @ ALL DOOR LOCATIONS (U.N.O.)

SN-4 USE ONE JACK STUD GIRDER SUPPORT PER 2500 LB LOAD

SN-5 DIMENSIONS ON STRUCTURAL SHEETS
ARE NOT EXACT. REFER TO ARCHITECTURAL
FLOOR PLAN FOR ACTUAL DIMENSIONS

SN-6 PERMANENT TRUSS BRACING IS TO BE INSTALLED AT LOCATIONS AS SHOWN ON THE SEALED TRUSS DRAWINGS. LATERAL BRACING IS TO BE RESTRAINED PER BCSI-03, BCSI-B1, BCSI-B2, & BCSI-B3. BCSI-B1, BCSI-B2, & BCSI-B3 ARE FURNISHED BY THE TRUSS SUPPLIER, WITH THE SEALED TRUSS PACKAGE

[2] 2X10X0', 1J 1K ← **HEADER/BEAM CALL-OUT (U.N.O.)**

- NUMBER OF KING STUDS (FULL LENGTH)
- NUMBER OF JACK STUDS (UNDER HEADER)
- SPAN OF HEADER
- SIZE OF HEADER MATERIAL
- NUMBER OF PLYS IN HEADER

ACTUAL vs REQUIRED SHEARWALL		
	TRANSVERSE	LONGITUDINAL
ACTUAL	27456 LBF	21294 LBF
REQUIRED	13125 LBF	7380 LBF

CONNECTIONS, WALL, & HEADER DESIGN IS BASED
ON REACTIONS & UPLIFTS FROM TRUSS ENGINEERING
FURNISHED BY BUILDER. BUILDERS FIRST SOURCE
JOB #2332916

Edgley Construction

Brenda Nelson Res.

PROJECT ADDRESS:
Pinemount Road
Lake City, FL

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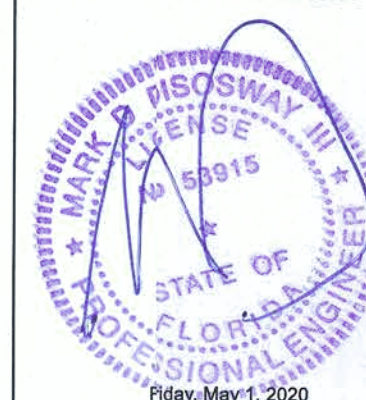
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JOB NUMBER:
200430

S-3

OF 6 SHEETS