

STEEDLEY RESIDENCE PLANS COLUMBIA COUNTY, FL

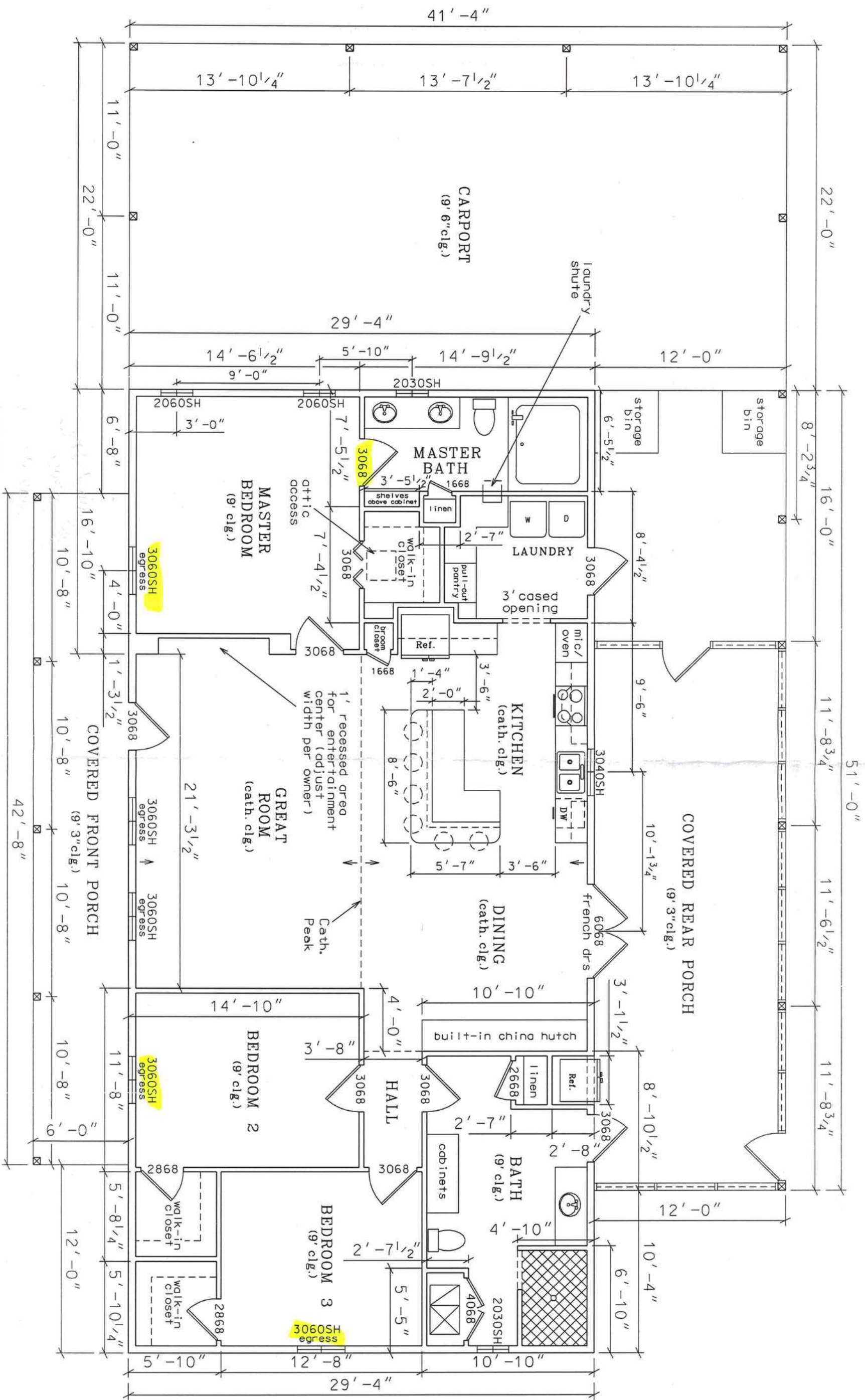
Plan Sheet Index:

Sheet No.	Description
1	title/index sheet
2	floor plan
3	front and right elevations
4	rear and left elevations
5	wall typical & strapping/nailing requirements
6	special details
7	special details
8	roof plan
9	foundation plan
10	electrical plan



MJH
8-8-20





MJS
8-8-20

FLOOR PLAN

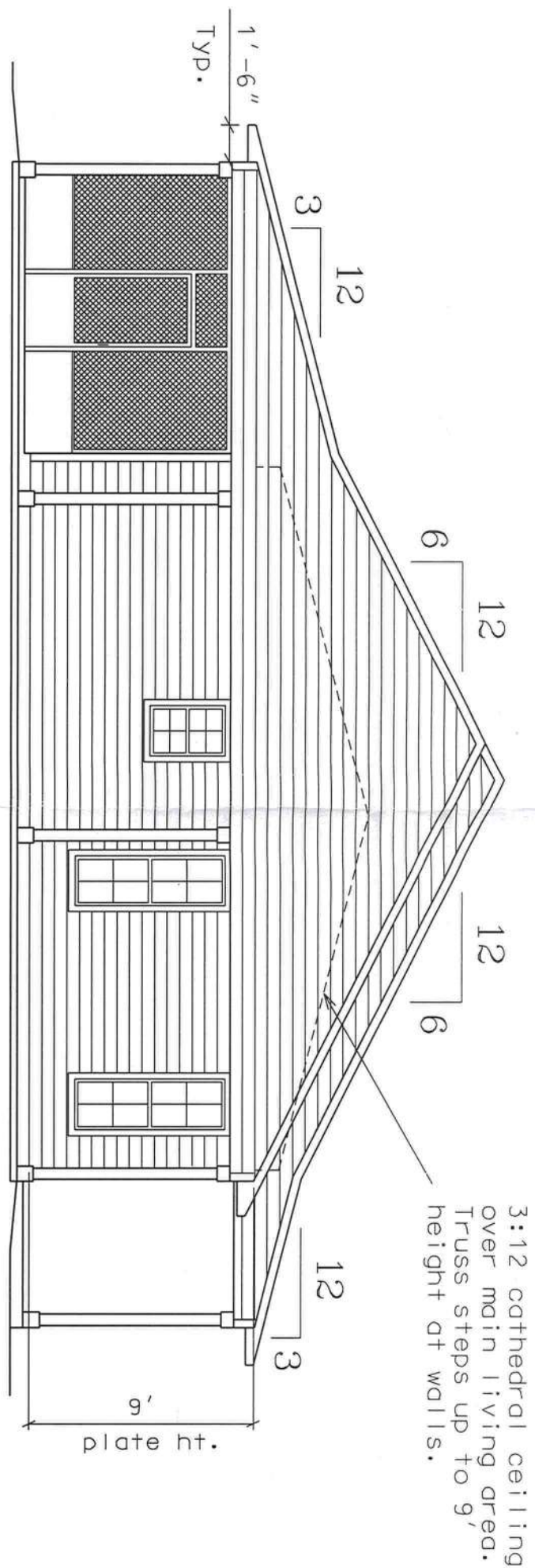
0 3' 6"
scale

LIVING AREA - 1799 sq. ft.
CARPORT/PORCHES - 1776 sq. ft.

STEEDLEY RESIDENCE PLANS COLUMBIA COUNTY, FL

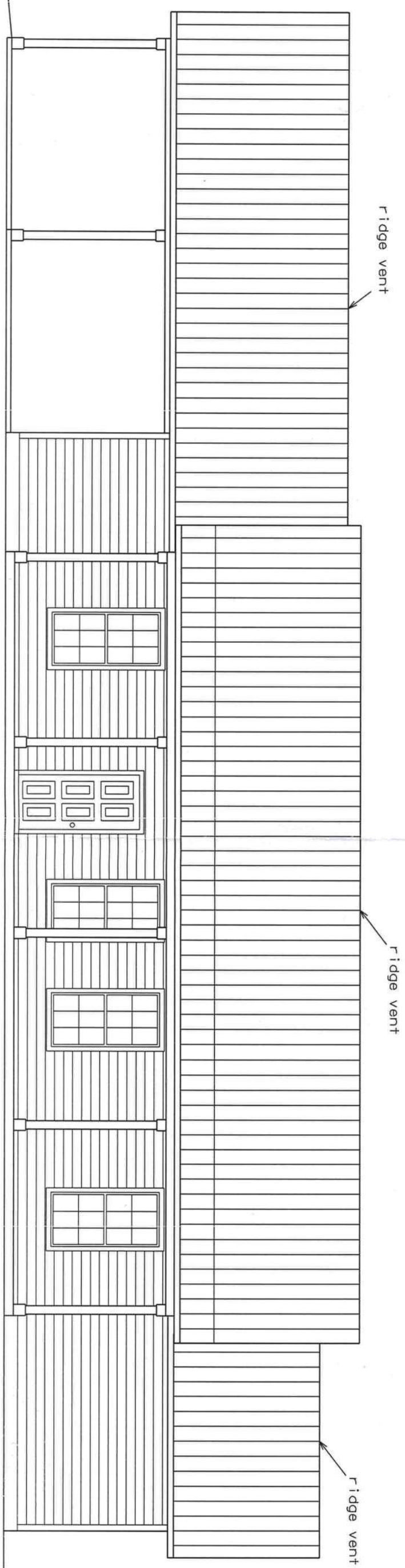
PLANS PREPARED BY:
MARTY J. HUMPHRIES P.E. # 51976
7932 240TH ST., O'BRIEN, FL 32071





LEFT ELEVATION

0 3' 6'
scale

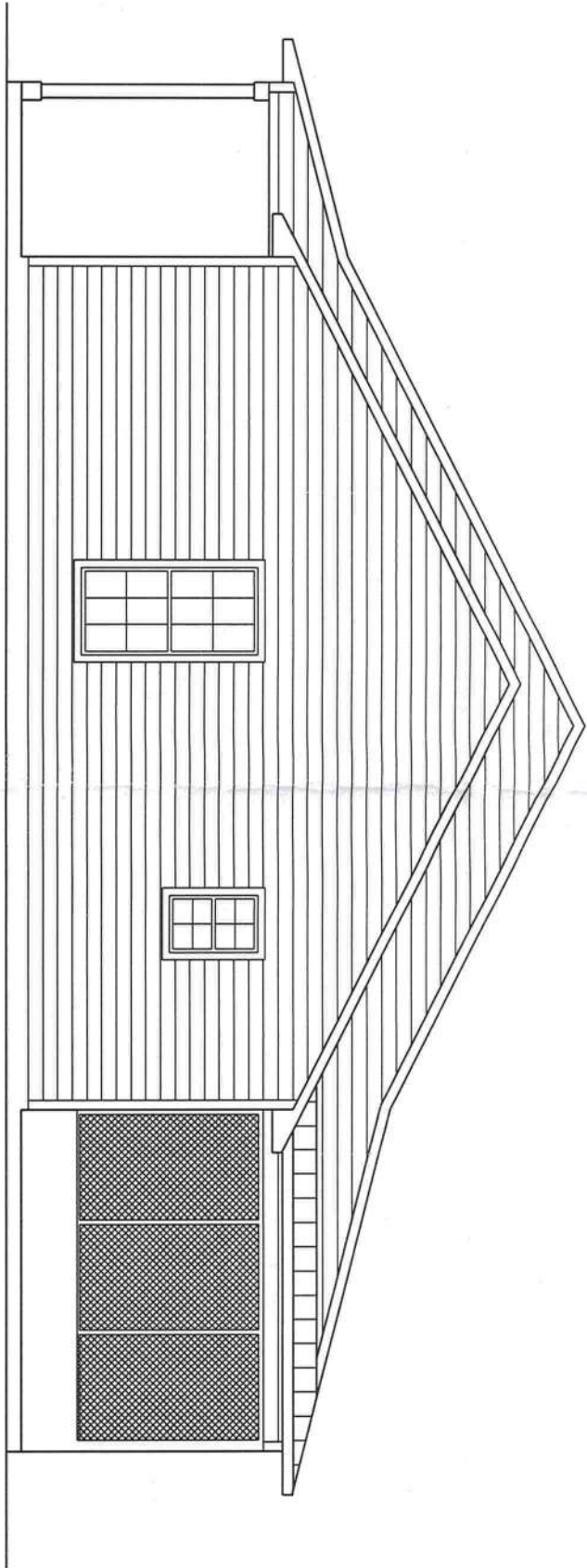


FRONT ELEVATION

0 3' 6'
scale

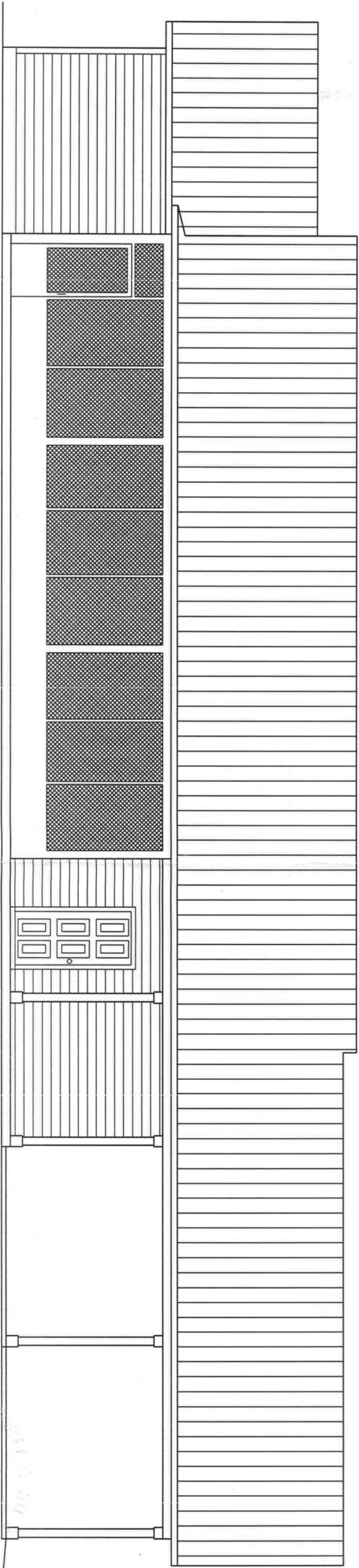
Marty J. Humphries
8-8-20





RIGHT ELEVATION

0 3' 6'
scale



REAR ELEVATION

0 3' 6'
scale

MJH
8-8-20



STRAPPING AND ANCHOR REQUIREMENTS

(Designed In accordance with the 2020 FBC):

WINDLOAD DATA AND EXPOSURE:

Basic Wind Speed = 120 mph Vult.

Importance Factor = 1.00

Exposure Category = B

Residential Occupancy = Group R3

Mean Roof Height = 15'

Height and Exposure Adjustment Coefficient = 1.00

Roof Cross Slope = 3:12, 6:12

Wall Height = 9'

Risk Category = II

Component and Cladding Pressures = Roof(Zone 1=11.6,-22.1, Zone 2=11.6,-35.3

Zone 3=11.6,-41.8), Wall(Zone 4=15.5,-16.9, Zone 5=15.5,-20.8)(units are psf)

TRUSS ANCHORS:

At Truss to exterior walls and porch/carport beam locations:

Install one Simpson Model H10A anchor for all trusses. Install Simpson H3 clip for small Jack trusses.

WALL STRAPPING:

For doors and windows 4' or less in width install one SP6 each side top and bottom of the wall. For doors and windows greater than 4' in width install two Simpson SP6's each side top and bottom of the wall. For all other locations install one SP6 top and bottom of the wall 4' on center.

SHEATHING:

Wall sheathing shall be installed with long dimension vertical on exterior walls and full-depth blocking shall be required at horizontal joints in sheathing.

PORCH COLUMNS:

At each column Install Simpson model ABU66 and two Simpson MSTA12 straps at each column to header connection.

Wrap columns with hardiplank and trim with hardboard trim.

CARPORT COLUMNS:

Connect 6 exterior columns to header with 4 Simpson MSTA12 straps (2 each side) (See Footer detail for connection requirements at bottom). Wrap columns with hardiplank and trim with hardiboard trim.

PORCH/CARPORT CEILINGS:

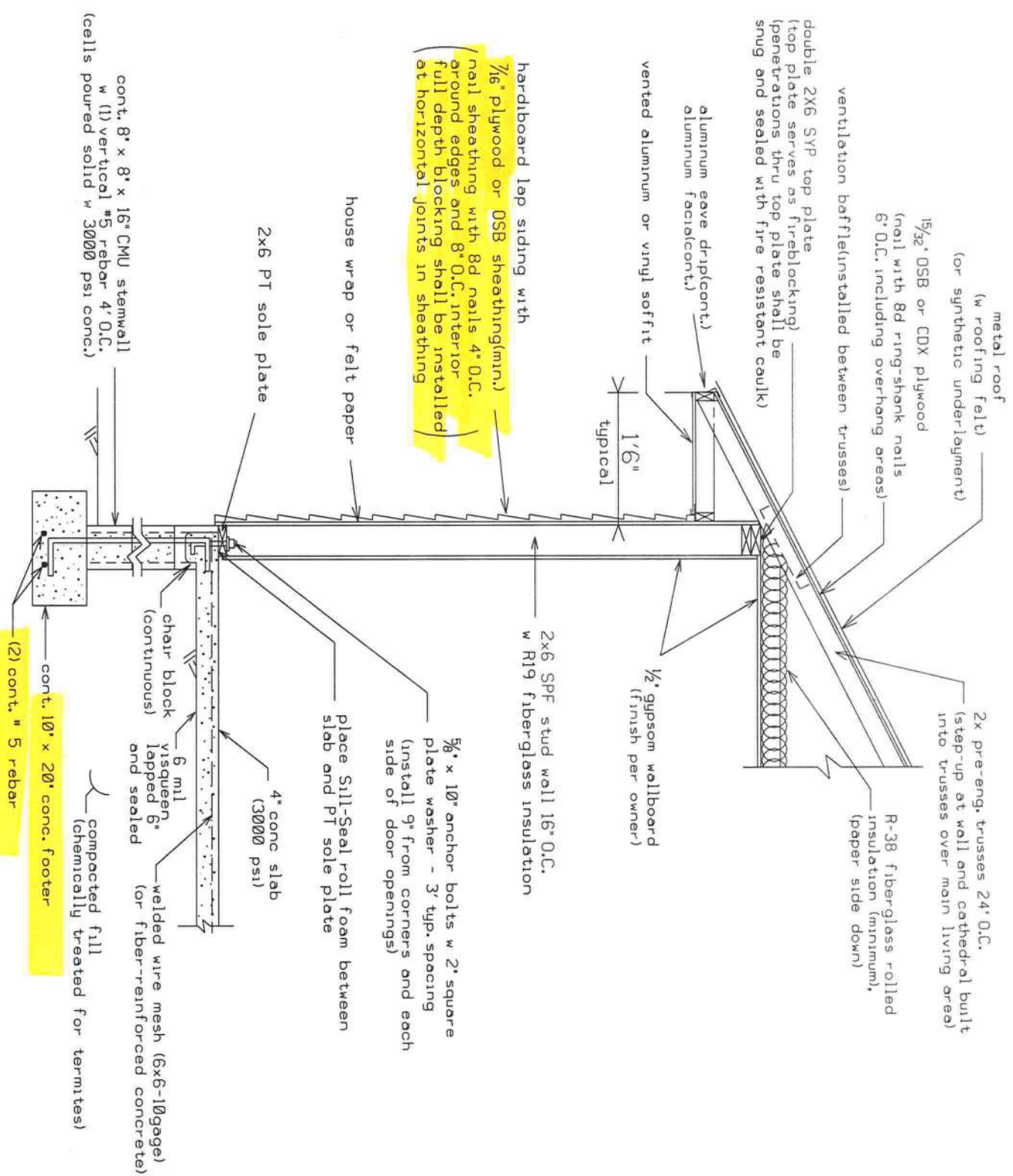
Install 1x4 SPF lathes 16" on center nailed to trusses with 2-8d nails or install $\frac{7}{16}$ " OSB sheathing nailed with 8d nails 6" on center and cover with solid aluminum soffit, vinyl soffit material or hardipanel.

CARPORT HEADER TO HOME CONNECTION:

For Carport Headers install Simpson HUC0612-SDS. Connect with Simpson SDS 1/4" x 2 1/2" screws.

Equivalent capacity anchors may be substituted, installed in accordance with the manufacturers requirements.

Note: Revised 04/08/21 for 2020 Florida Building Code, M.J.H.



DETAIL A - OPTIONAL WALL TYPICAL (N.T.S.)

HEADER SIZES/MATERIAL SHALL BE AS FOLLOWS:

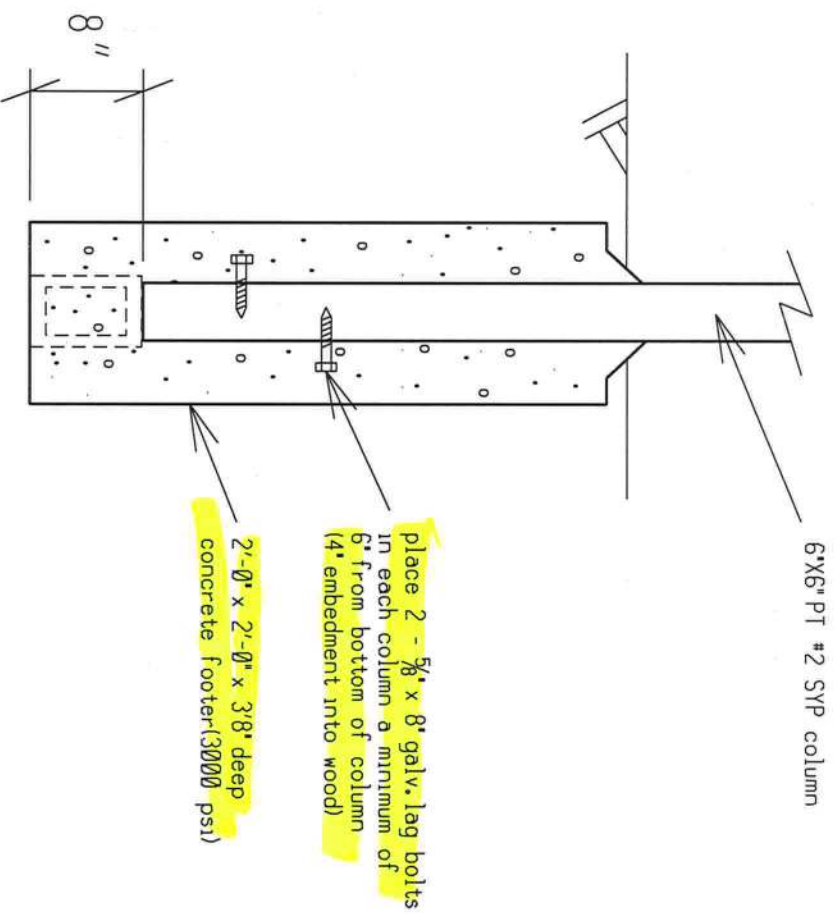
WINDOW AND DOOR OPENINGS: 2-#2 SYP 2X10's w #2 SYP 2X6 top and bottom to form a box nailed with 12d nails 10" on center.

FRONT PORCH HEADER: 2 - #2 SYP 2X10'S w 1/2" OSB or plywood between, nailed w 4-12d nails 10" on center

REAR PORCH HEADER: 2 - #2 SYP 2X12'S w 1/2" OSB or plywood between, nailed w 4-12d nails 10" on center

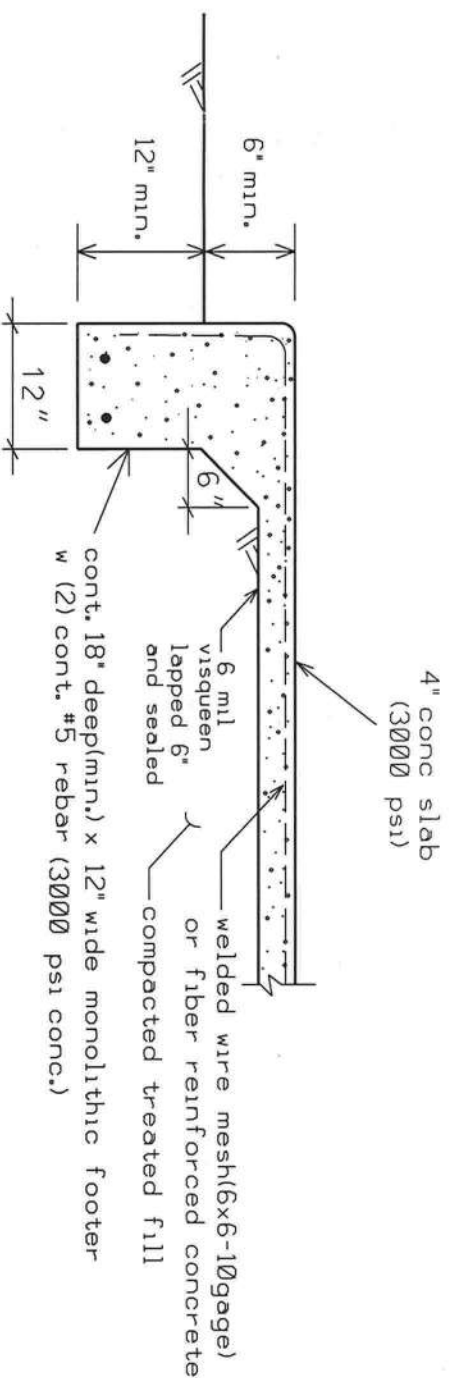
CARPONt HEADER SHALL BE: 3 - #2 SYP 2X12'S w 1/2" OSB or plywood between, nailed w 4-12d nails 10" on center

SYP = SCUTHERN YELLOW PINE

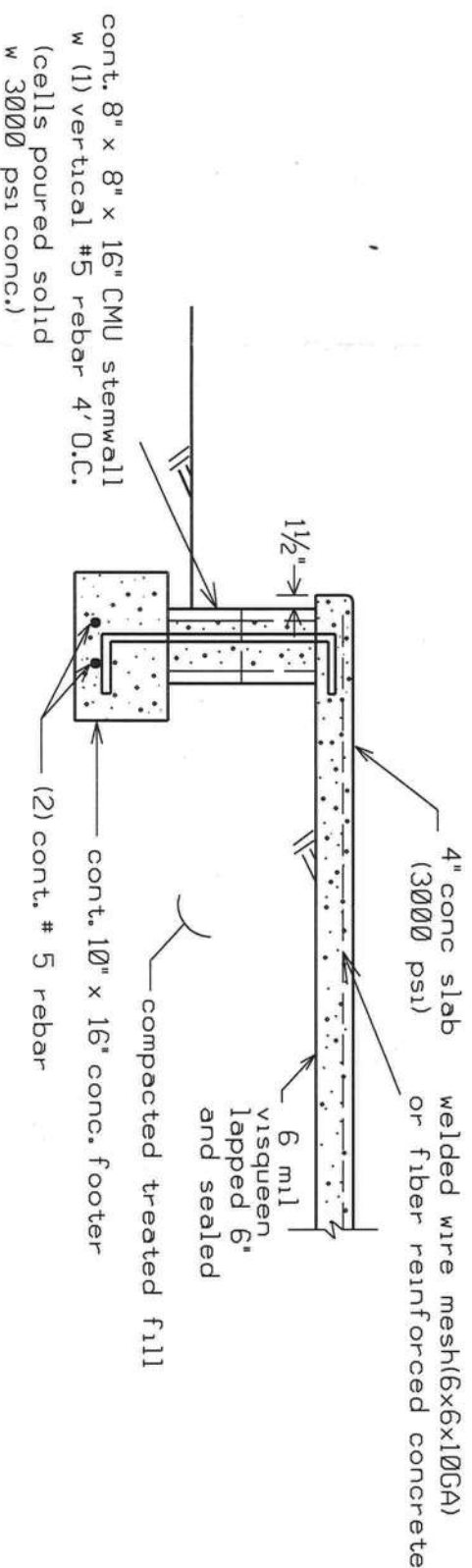


DETAIL C - CARPORT COLUMN
FOOTER DETAIL (N.T.S.)

Note: PT column may be set on half masonry block(8") with cell turned parallel to bottom of footer.

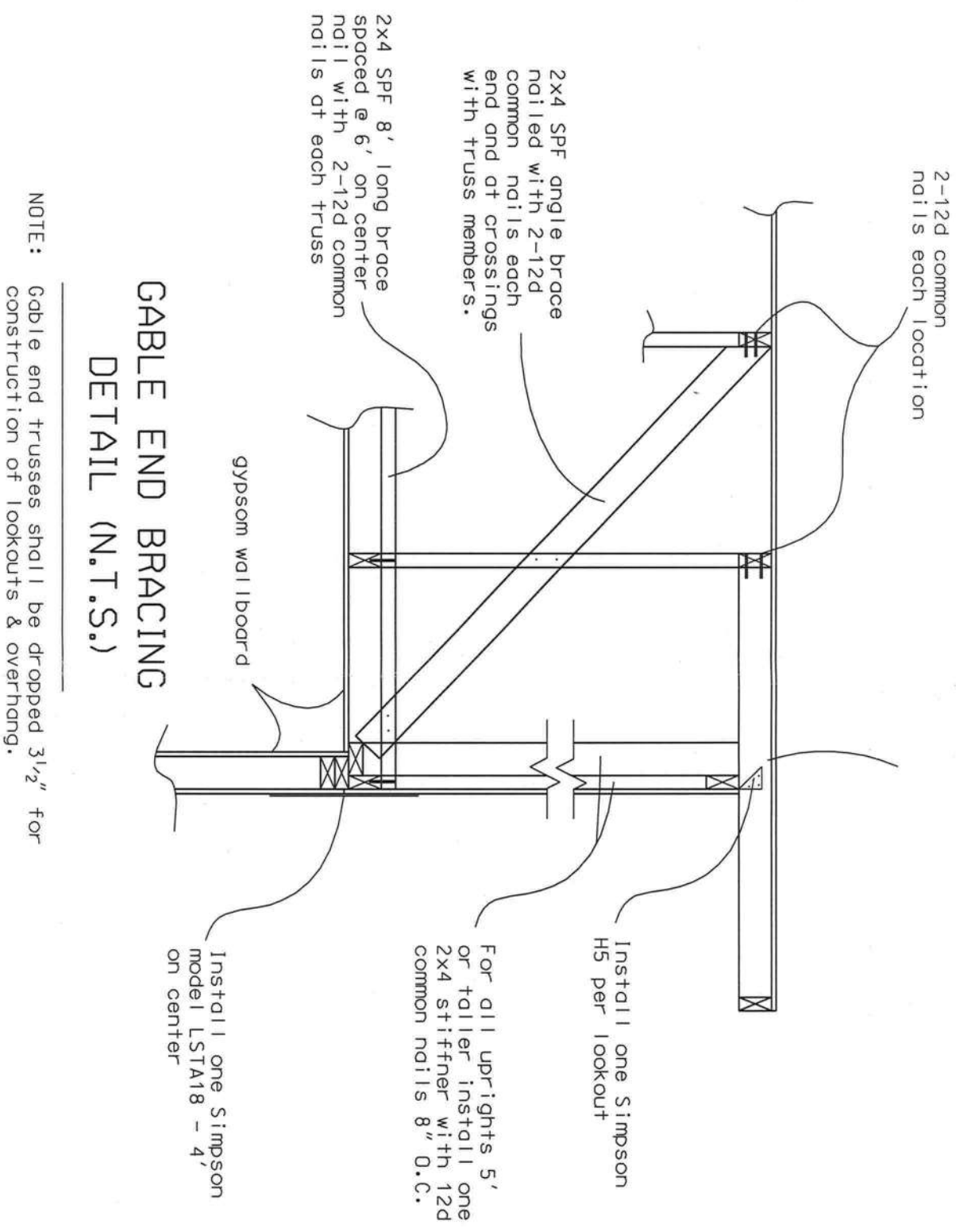


DETAIL B - OPTIONAL MONOLITHIC PORCH FOUNDATION (N.T.S.)

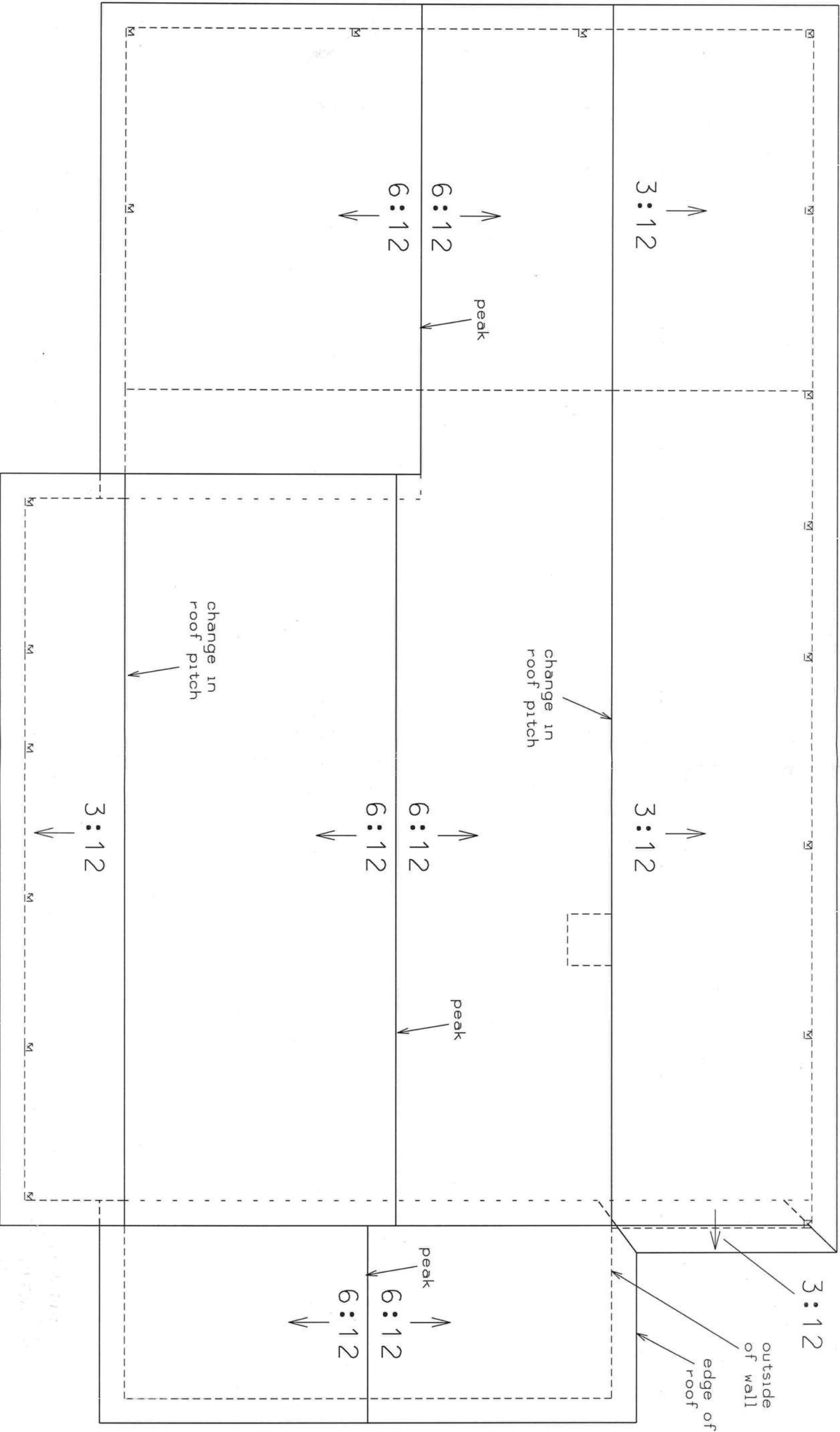


DETAIL B - STEMWALL PORCH FOUNDATION (N.T.S.)

MJH 521
8-8-20



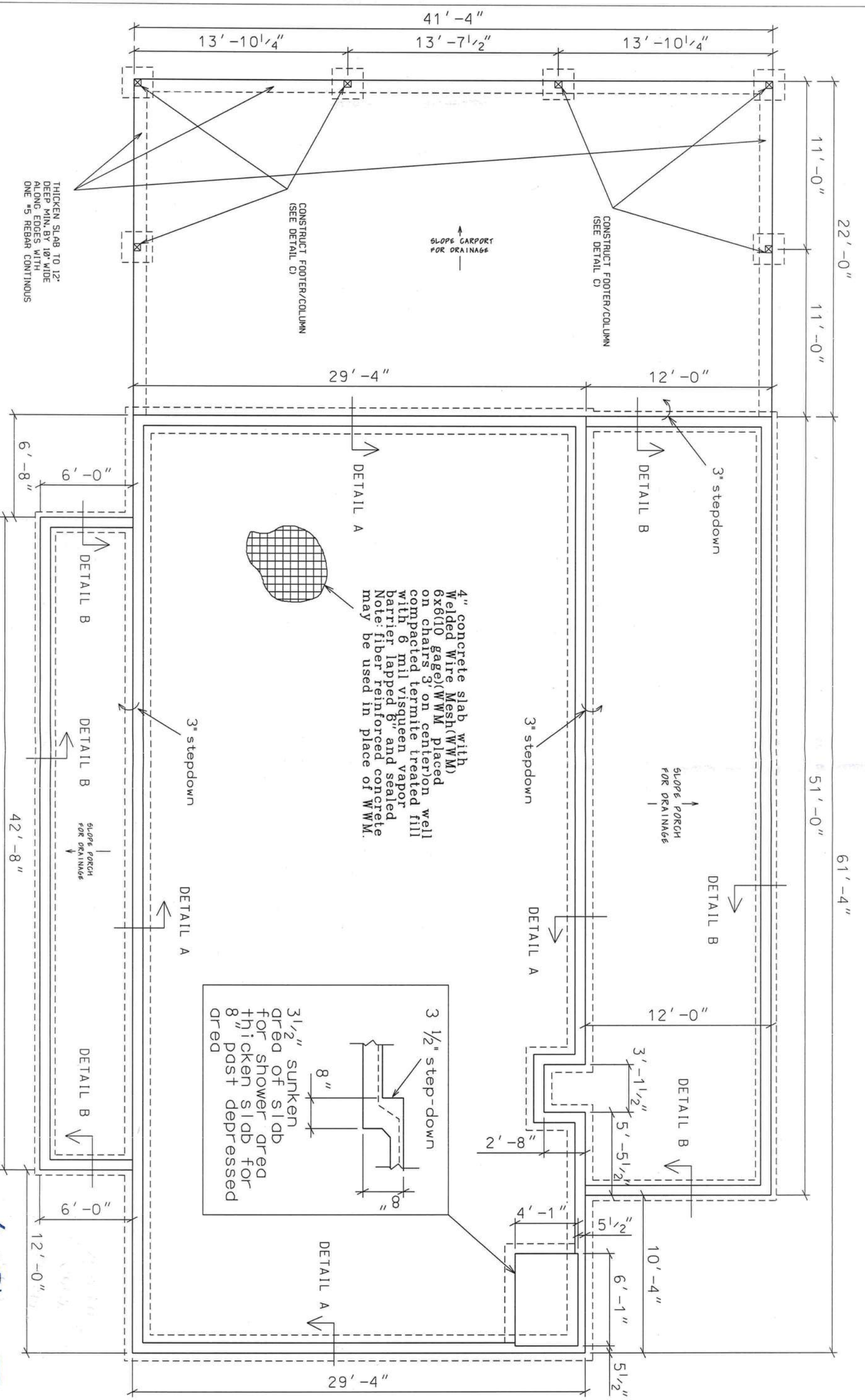
MJH 501
6-8-20



ROOF PLAN

MJH 5/21
8-8-20





FOUNDATION PLAN

0 3' 6'
scale

MJH 52
8-8-20

STEEDLEY RESIDENCE PLANS
COLUMBIA COUNTY, FL

PLANS PREPARED BY:
MARTY J. HUMPHRIES P.E. # 51976
7932 240TH ST., O'BRIEN, FL 32071



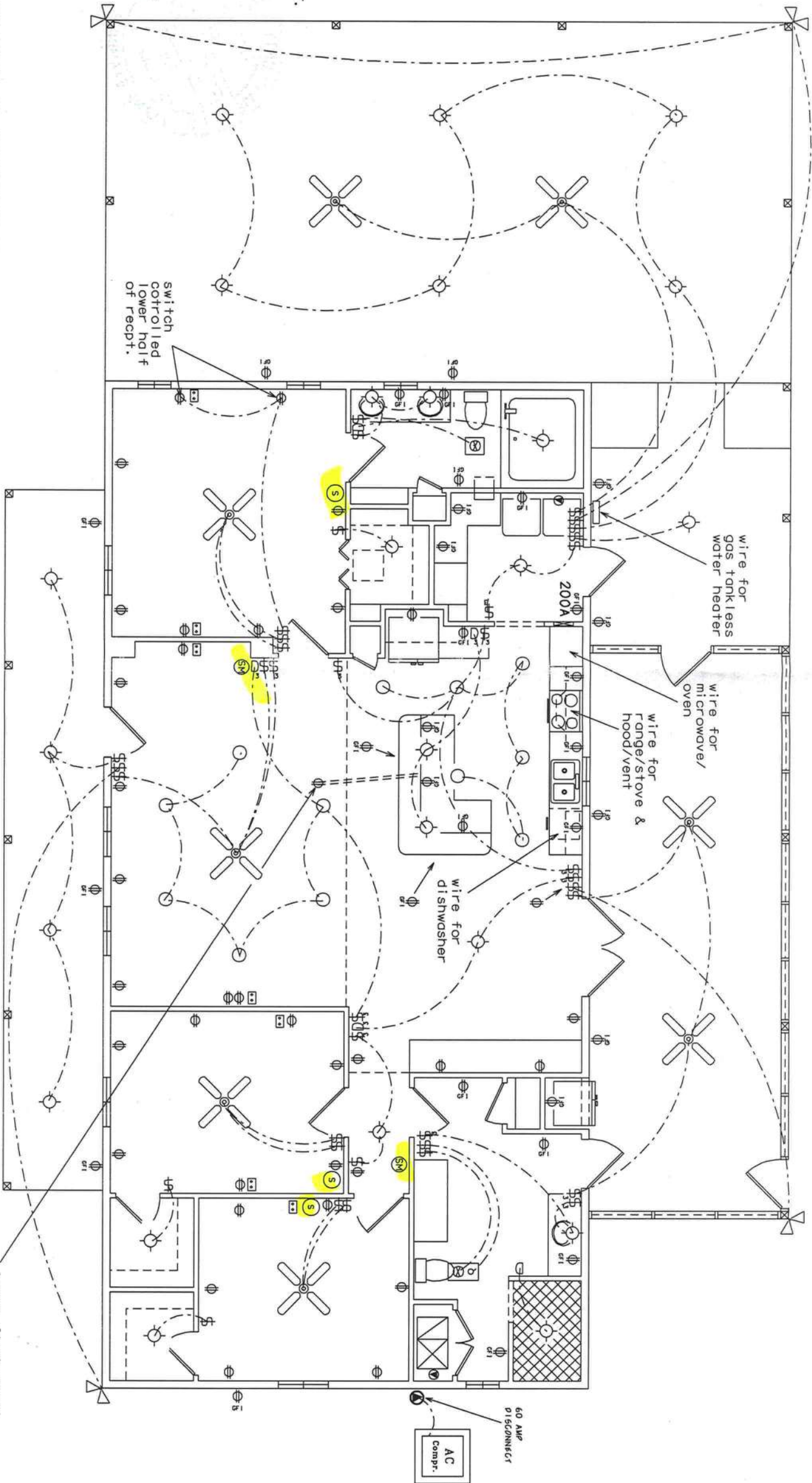
ELECTRICAL LEGEND

- ✖ - CEILING FAN w/ LIGHTS
- ◇ - LIGHT FIXTURE
- - RECESSED CAN LIGHT FIXTURE
- \$ - SINGLE POLE SWITCH
- ⌘ - THREE-WAY SWITCH
- D - DIMMER SWITCH
- Q - THREE-WAY DIMMER SWITCH
- ⊕ - RECEPT.
- ⊕ - GFI RECEPT OR PART OF A GFI CIRCUIT.
- ⊕ - EXHAUST WITH LIGHT
- ⊕ - EXHAUST
- ⊕ - 220 V.
- ⊕ - SMOKE DETECTOR (AC/DC and interconnected)
- ⊕ - SMOKE & CARBON MONOXIDE DETECTOR (AC/DC and interconnected)
- ⊕ - COAX & TELEPHONE
- ▽ - SECURITY LIGHT

NOTES:

- 1.) ALL EXTERIOR RECEPTACLES SHALL BE WEATHERPROOF.
- 2.) ALL RECEPTS NOT A GFI OR PART OF A GFI CIRCUIT SHALL BE PART OF AN AFCI CIRCUIT.
- 3.) PLACE 4 LIGHTS IN HOME ATTIC AREA WITH SWITCH NEAR ATTIC ACCESS.
- 4.) POWER TO BE RAN FROM METER ON POLE TO SERVICE PANEL IN LAUNDRY ROOM

ELECTRICAL PLAN (N.T.S.)



Marty J. Humphries
8-8-20