

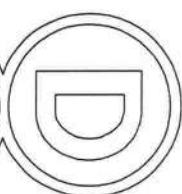
# DEAS RESIDENCE PLANS COLUMBIA COUNTY, FL

## Plan Sheet Index:

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4	rear and left elevations
5	wall typical & strapping/nailing requirements
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8	roof plan
9	foundation plan
10	electrical plan



*Marty J. Humphries*  
3-14-22



PLANS PREPARED BY:  
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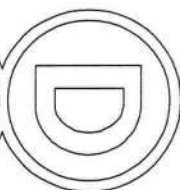
DEAS RESIDENCE PLANS  
COLUMBIA COUNTY, FL



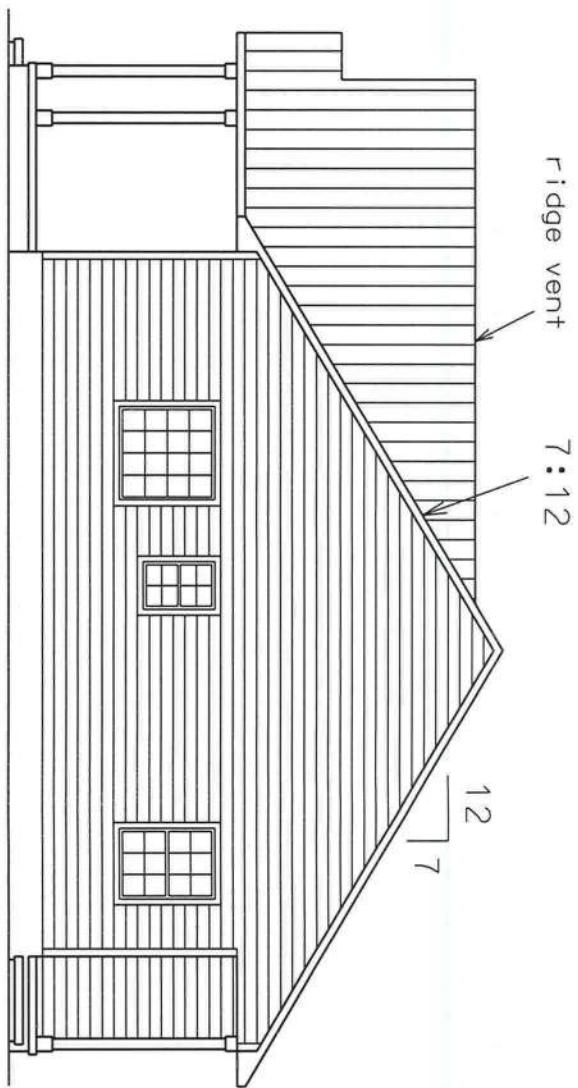
0 4' 8'

scale

3-14-22



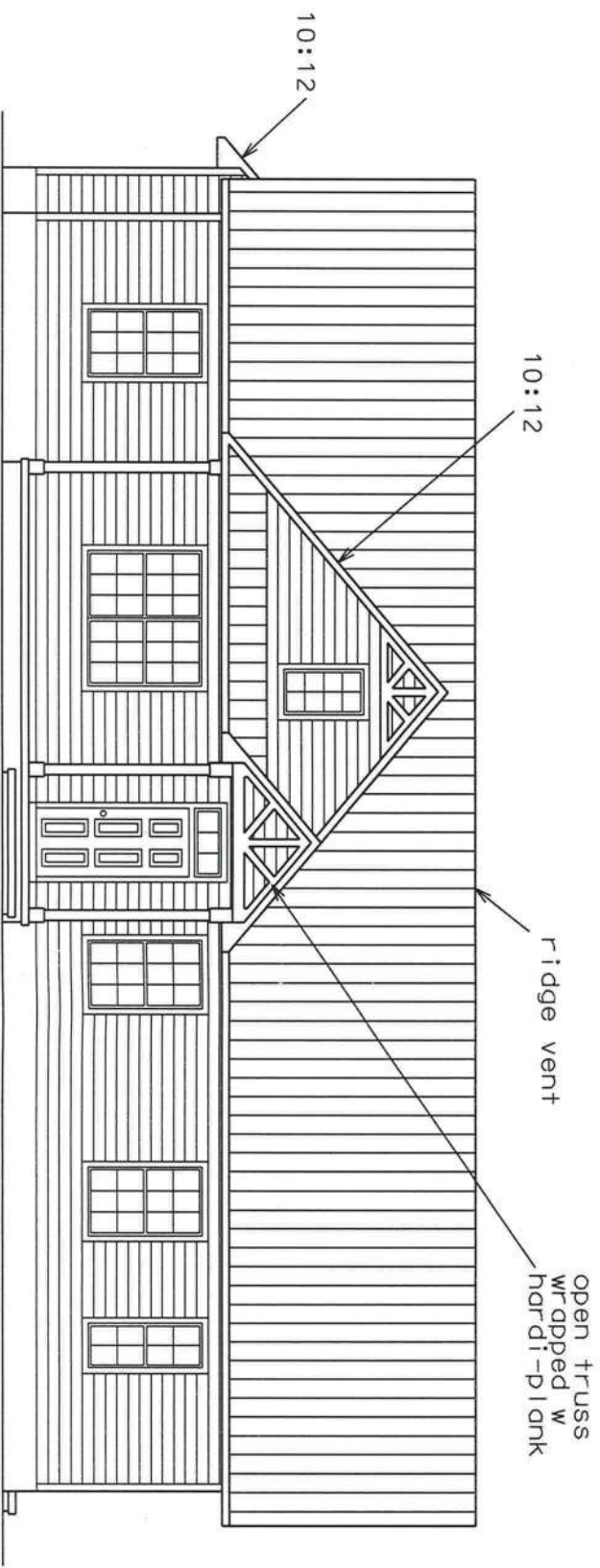




RIGHT ELEVATION

0 4' 8'

scale

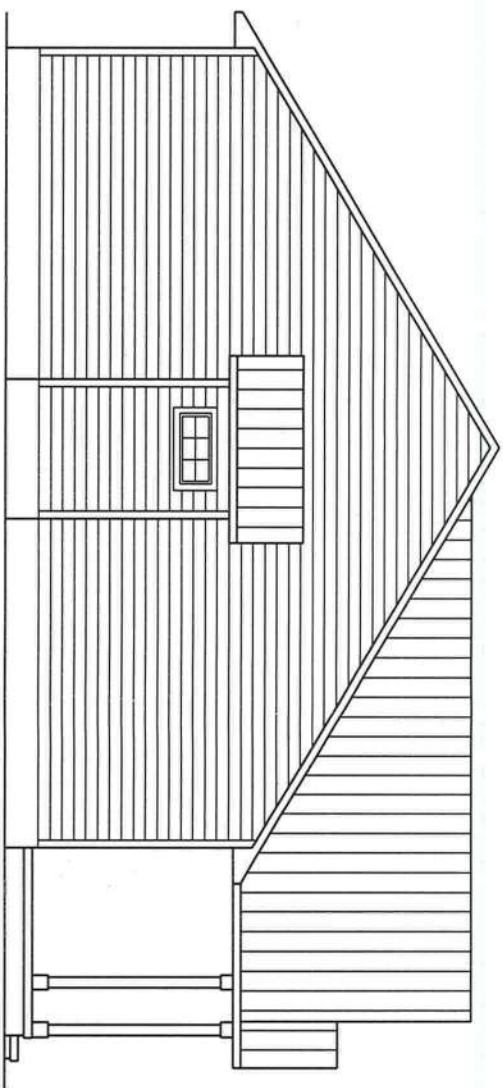


FRONT ELEVATION

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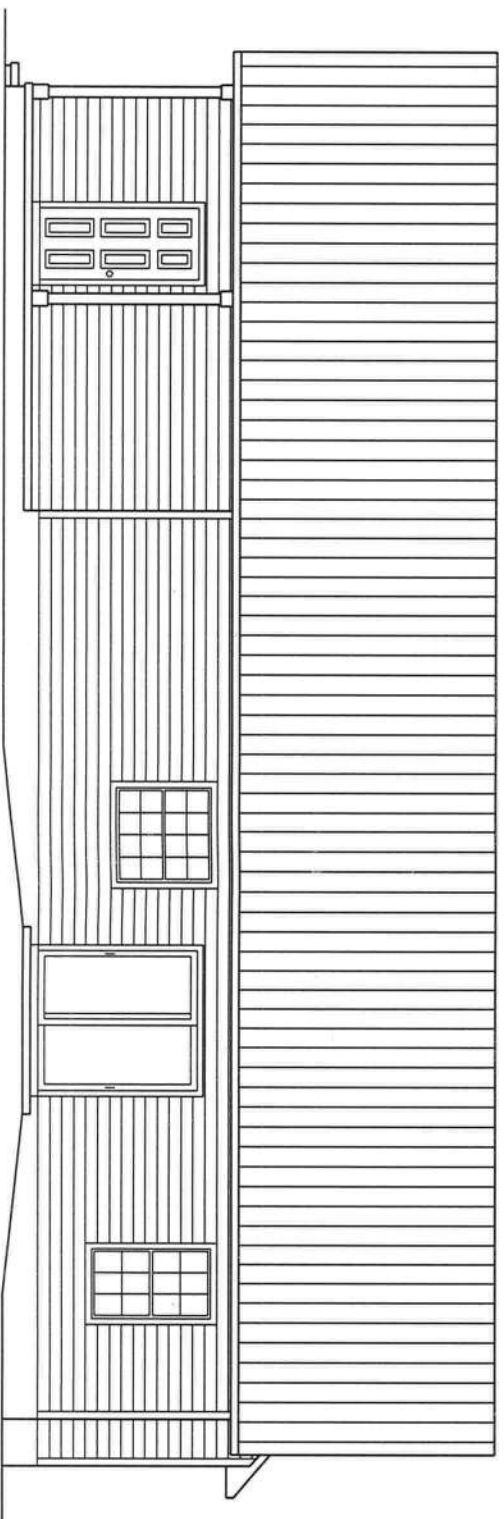
scale

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LEFT ELEVATION

0 4' 8'  
scale



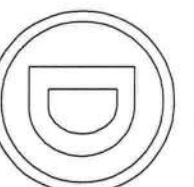
REAR ELEVATION

0 4' 8'  
scale

*MJH*  
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SHEET  
4  
OF  
10



STRAPPING AND ANCHOR REQUIREMENTS

Designed in accordance with the 2020 FBC:

WINDLOAD DATA AND EXPOSURE:

Basic Wind Speed = 120 mph Vult.  
Importance Factor = 1.0  
Exposure Category = B  
Residential Occupancy = Group R3  
Mean Roof Height = 16'  
Height and Exposure Adjustment Coefficient = 1.0  
Roof Cross Slope = 7:12 & 10:12  
Wall Height = 9'  
Risk Category = II  
Component and Cladding Pressures = Roof(Zone 1=14.2,-26.1, Zone 2=14.2,-28.7  
Zone 3=14.2,-35.3), Wall(Zone 4=15.5,-16.9 Zone 5=15.5,-20.8)(units are psf)

TRUSS ANCHORS:

At truss to exterior wall, porch beam or carport beam locations:  
install one Simpson H10A clip at truss bearing point.

WALL STRAPPING:

At top and bottom of exterior walls install one Simpson model SP6 at each side of each door and window 4' or less in width. At top and bottom of wall for windows and doors larger than 4' in width install two Simpson model SP6's each side of opening. All other wall locations install one SP6 top and bottom of the wall 4' on center.

GABLE ENDS:

At gable ends install one Simpson model H5 anchor where lookouts connect to end gable truss.  
At left and right end gables install one Simpson LSTA18 - 4' on center connecting gable end truss to wall framing.

BRACING: At each gable end install one 2x4 SPF 8' stud spaced 6' on center horizontal along top of bottom chord of trusses, nail with 2-12d nails at each truss including end truss. In addition, install a 2x4 brace extending from this stud at the gable end truss 45 degrees to truss at roof sheathing, nail with 2-12d nails where it crosses truss members and at ends. Gable end truss shall be built to receive sheathing with vertical members 2' on center. Vertical members of gable end truss greater than 5' in height shall be stiffened with one 2x4 SPF nailed with 12d nails 8' on center to back of vertical member. (See Detail)

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:

Install Simpson model ABU66 and 2 Simpson MSTA12 strapps.

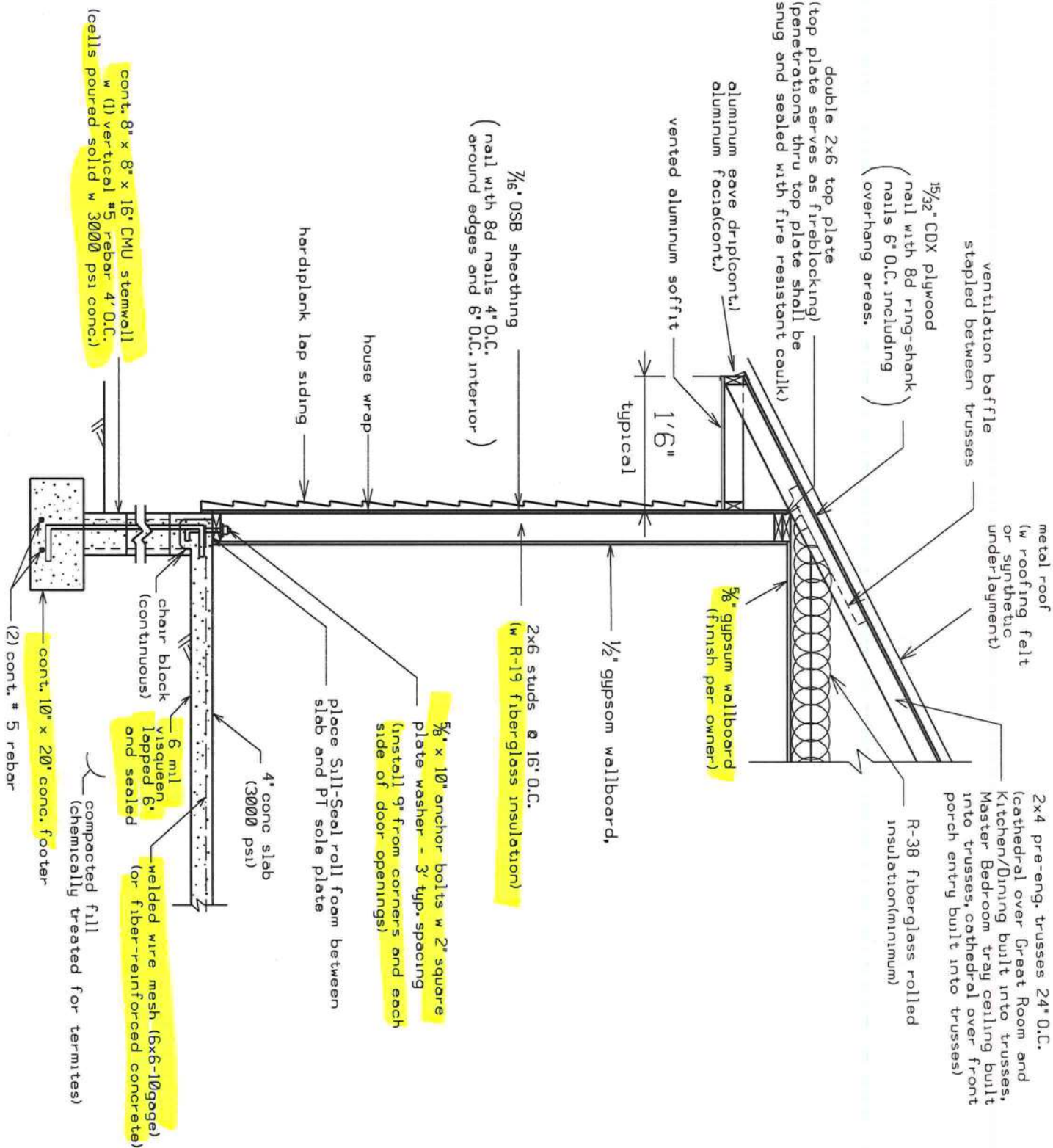
SPECIAL HEADER CONNECTIONS:

Install Simpson model HUC410 hanger connecting porch beams to home

PORCH & CARPORT CEILINGS:

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

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



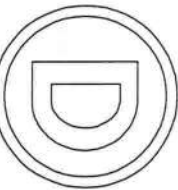
DETAIL A - WALL TYPICAL(N.T.S.)

HEADER SIZES/MATERIAL SHALL BE AS FOLLOWS:

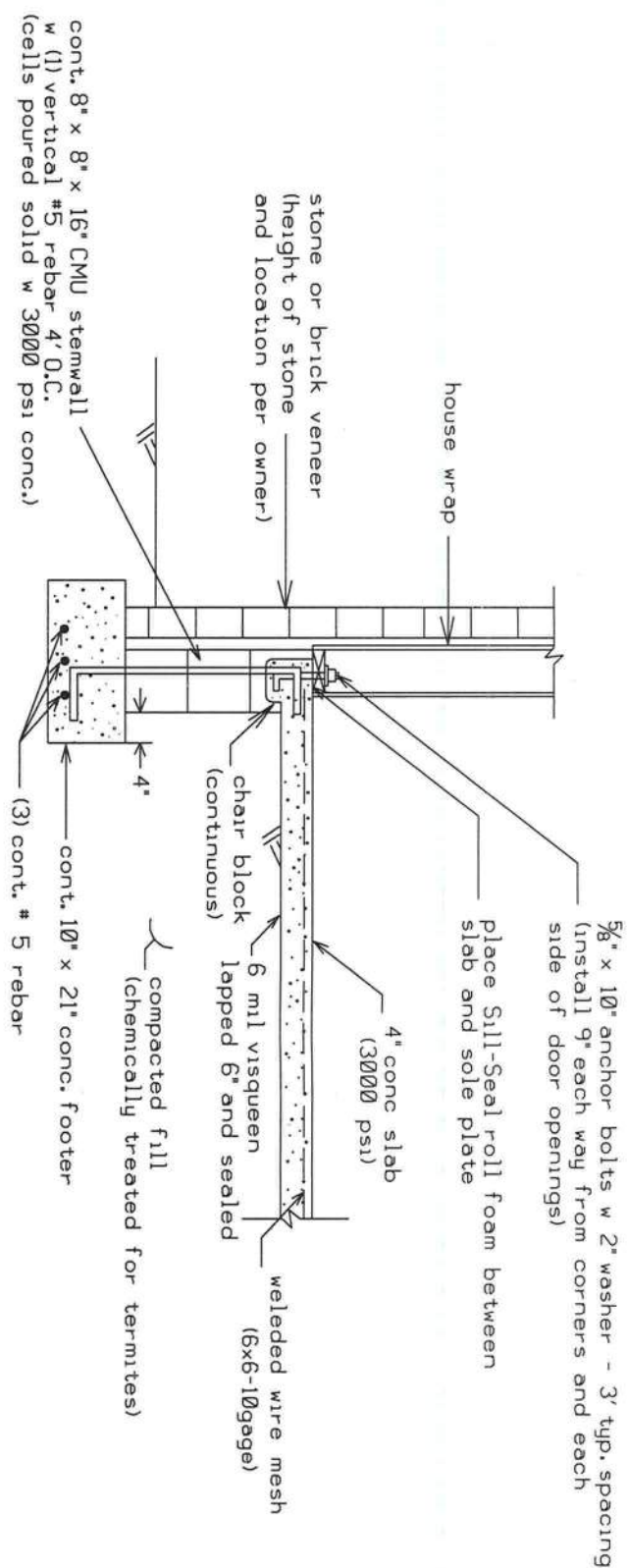
WINDOW AND DOOR OPENINGS: 2 - #2 SYP 2X10's w #2 SYP 2X6 top and bottom to form a box nailed with 12d nails 10" on center  
PORCH HEADERS SHALL BE: 2 - #2 SYP 2X10'S w 1/2" OSB or plywood between, nailed w 4-12d nails 10" on center

SYP = SOUTHERN YELLOW PINE

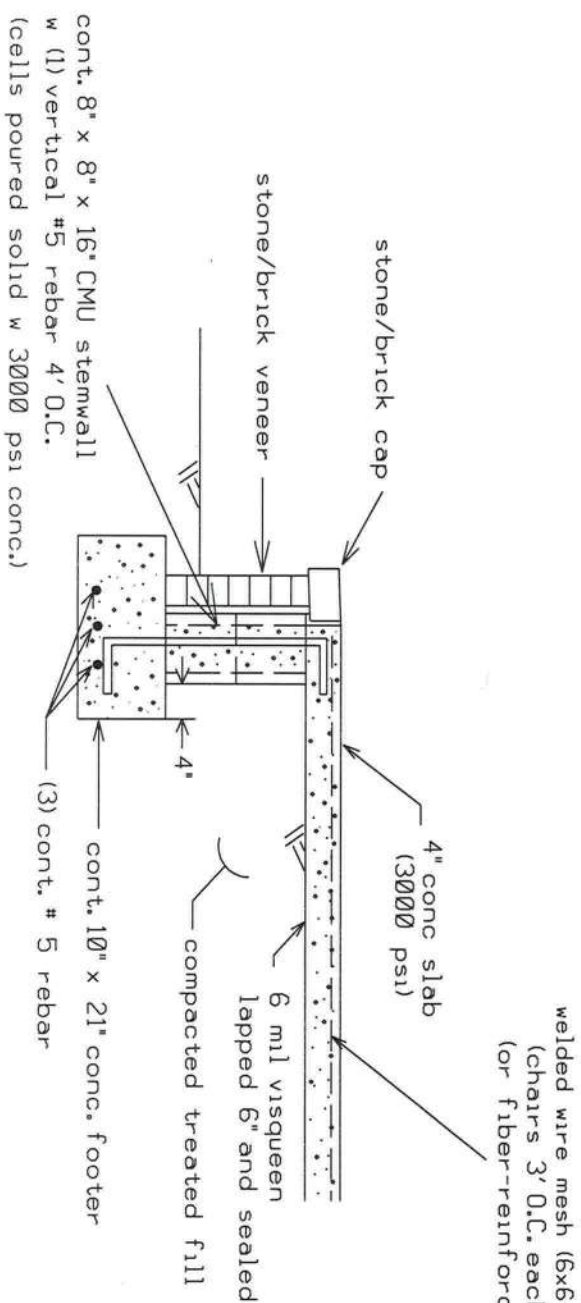
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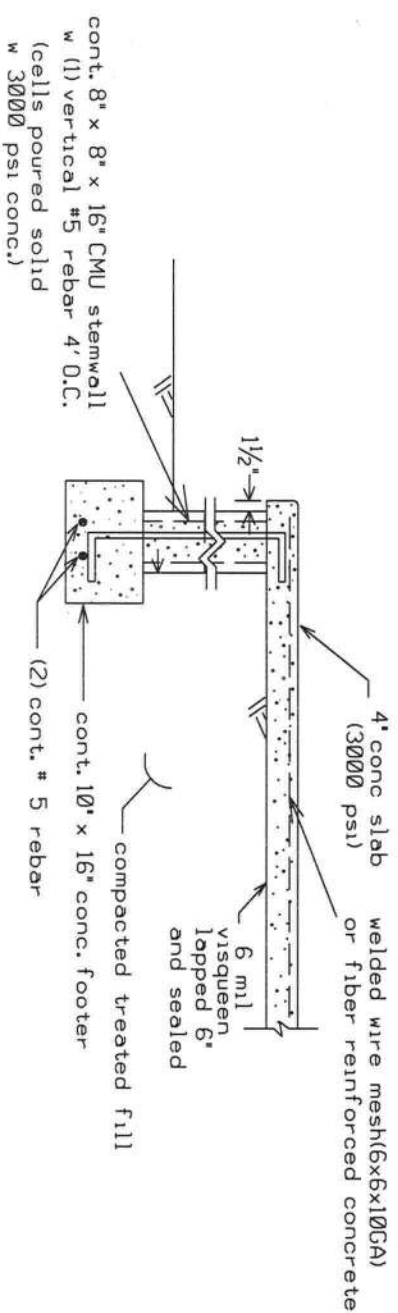


OPTIONAL EXTERIOR WALL FOOTER DETAIL FOR STONE OR BRICK VENEER LOCATIONS

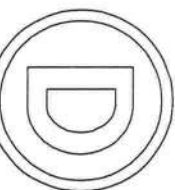


OPTIONAL PORCH FOUNDATION DETAIL (N.T.S.)

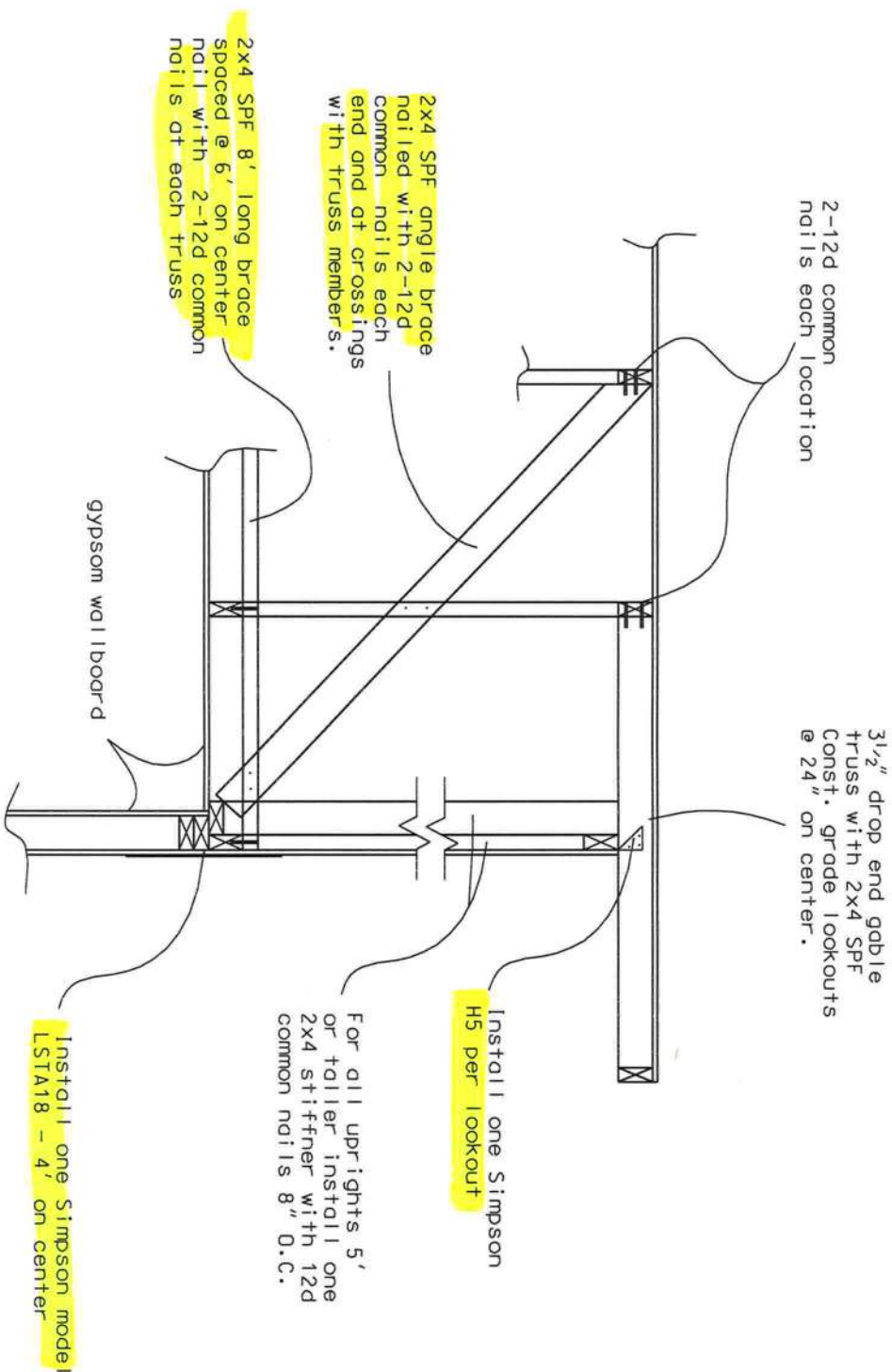
(stone or brick kneewall)



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



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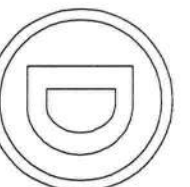
### CABLE END BRACING DETAIL (N.T.S.)

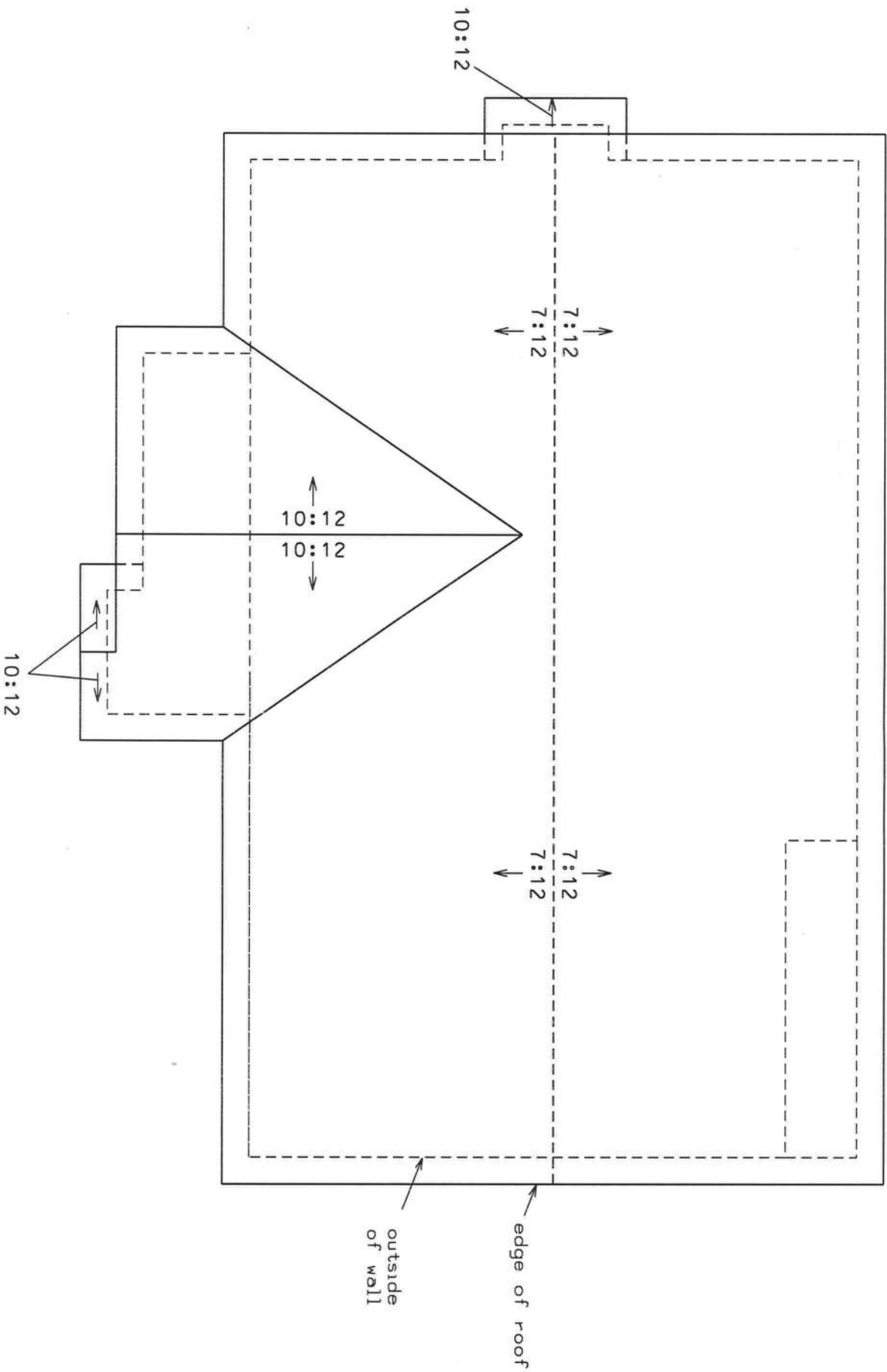
NOTE: Gable end trusses shall be dropped 3 1/2" for construction of lookouts & overhang.

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# ROOF PLAN

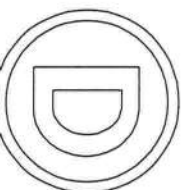
0 4' 8'  
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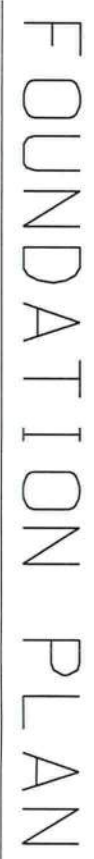
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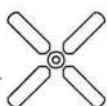




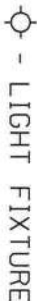


9 OF 10

ELECTRICAL LEGEND



- CEILING FAN w LIGHTS



- LIGHT FIXTURE

○ - RECESSED CAN LIGHT FIXTURE

\$ - SINGLE POLE SWITCH

\$₃ - THREE-WAY SWITCH

\$₄ - FOUR-WAY SWITCH

D - DIMMER SWITCH

D₃ - THREE-WAY DIMMER SWITCH

⊕ - RECEPT.

⊕ - GFI RECEPT OR PART OF A GFI CIRCUIT.



- SECURITY LIGHT

⊕ - EXHAUST WITH LIGHT

● - 220 V.

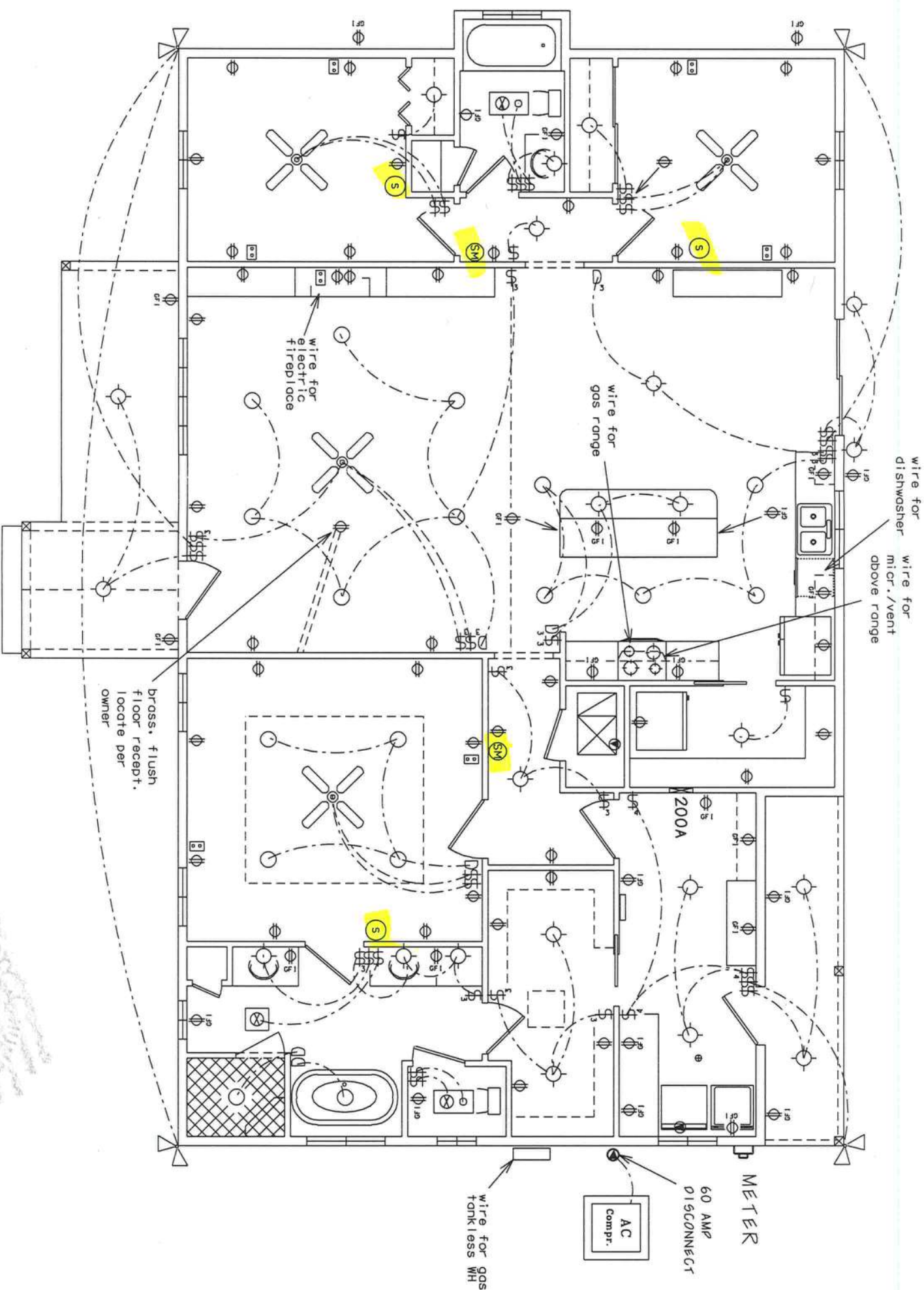
Ⓢ - SMOKE DETECTOR (AC/DC and interconnected)

ⓈM - SMOKE & CARBON MONOXIED DETECTOR (AC/DC and interconnected)

Ⓢ - COAX & TELEPHONE

NOTES:

- 1.) ALL EXTERIOR RECEPTACLES SHALL BE WEATHERPROOF.
- 2.) ALL RECPTS 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.



ELECTRICAL PLAN (N.T.S.)

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