

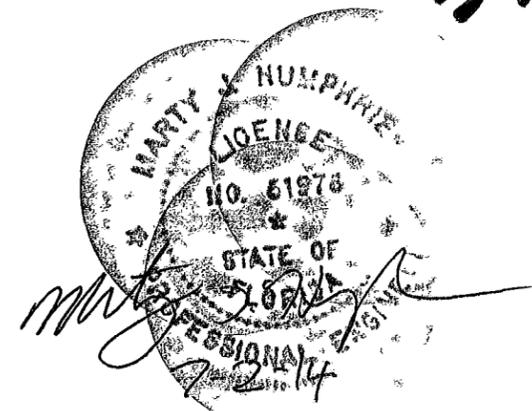
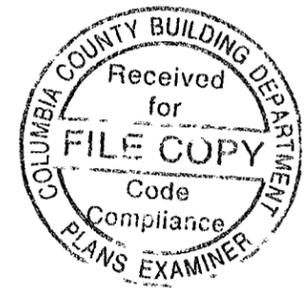
# CASE

# RESIDENCE PLANS

# COLUMBIA COUNTY, FL

## Plan Sheet Index:

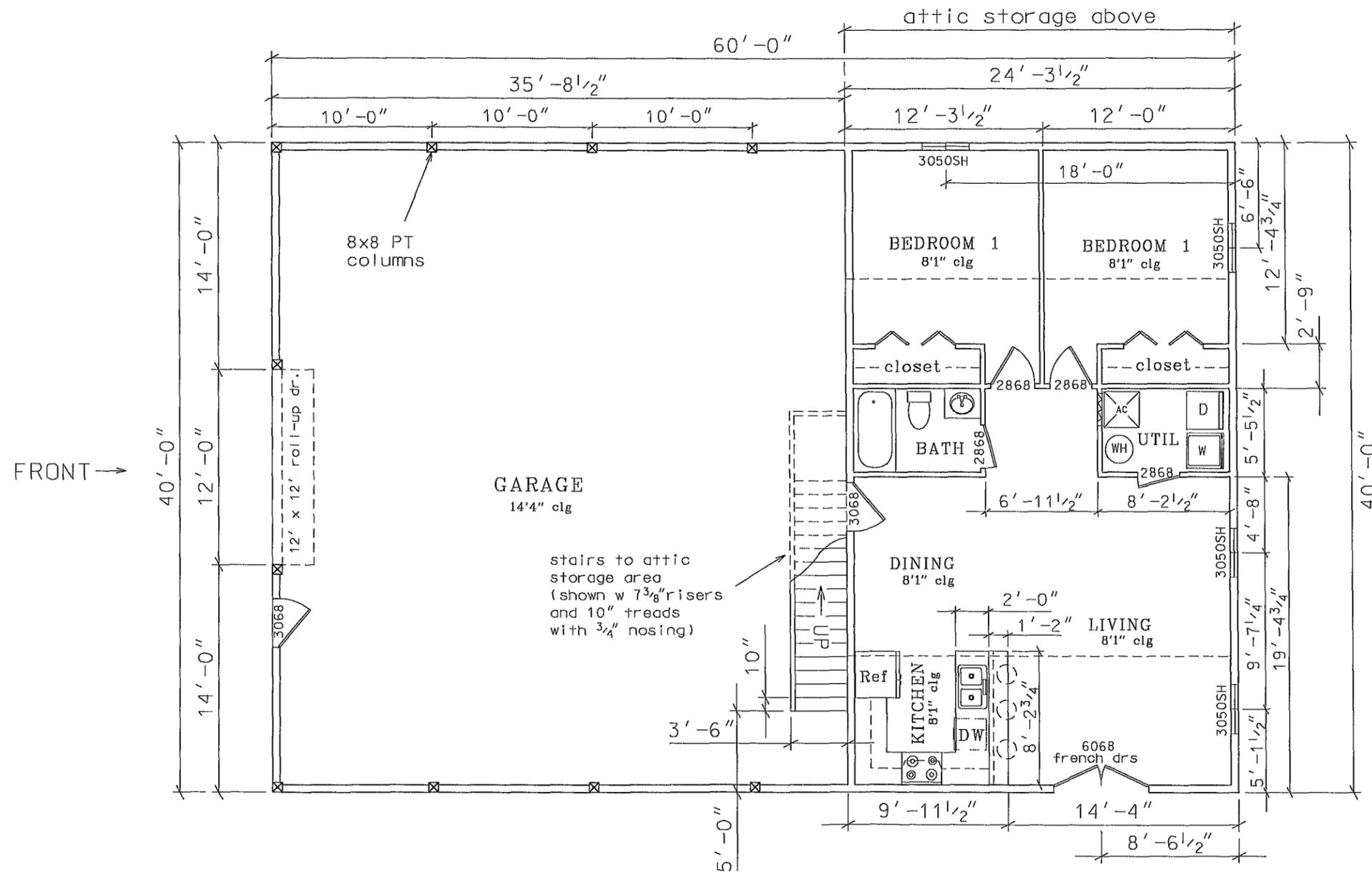
Sheet No.	Description
1	title/index sheet
2	floor plan
3	front and right elevations
4	rear and left elevations
5	wall typical(living area)
6	wall typical(garage area)
7	gable bracing detail/truss schematics
8	foundation plan
9	electrical plan



SET 2

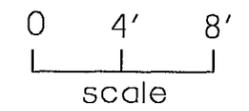
PLANS PREPARED BY:  
MARTY J. HUMPHRIES P.E. # 51976  
7932 240TH ST., O'BRIEN, FL 32071

CASE RESIDENCE PLANS  
COLUMBIA COUNTY, FLORIDA

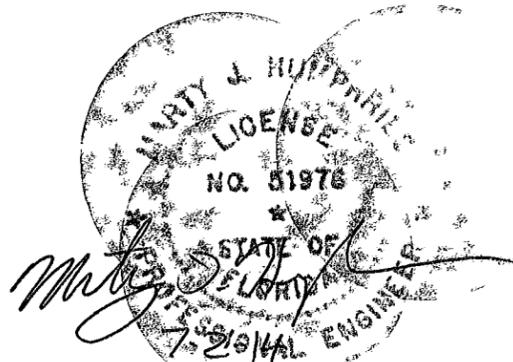


FRONT →

# FLOOR PLAN



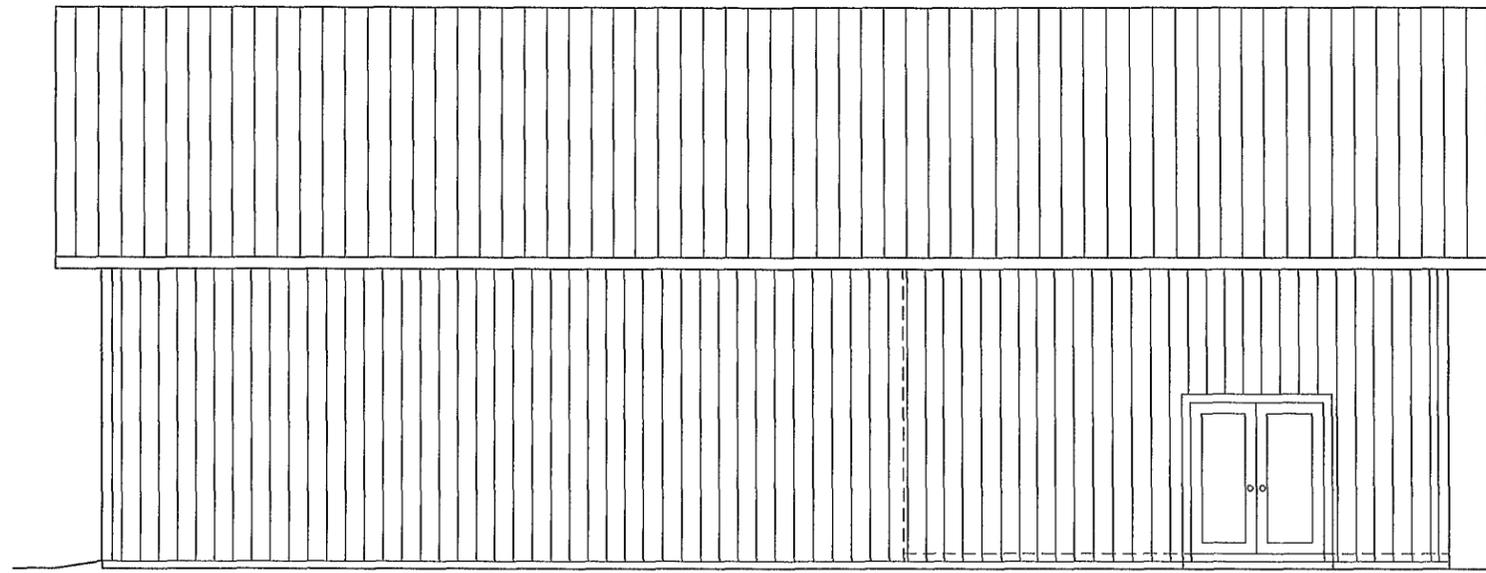
Note: Doors between garage and home shall be a solid wood doors not less than 1 3/8" in thickness, solid or honeycomb steel doors not less than 1 3/8" thick or a 20 minute fire-rated doors.



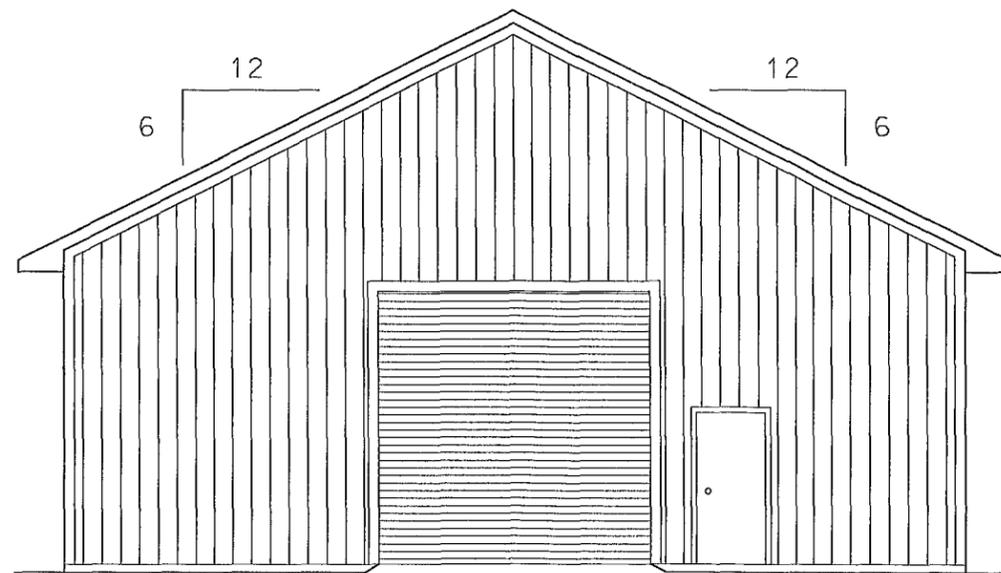
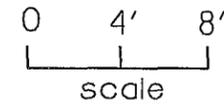
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 COLUMBIA COUNTY, FLORIDA

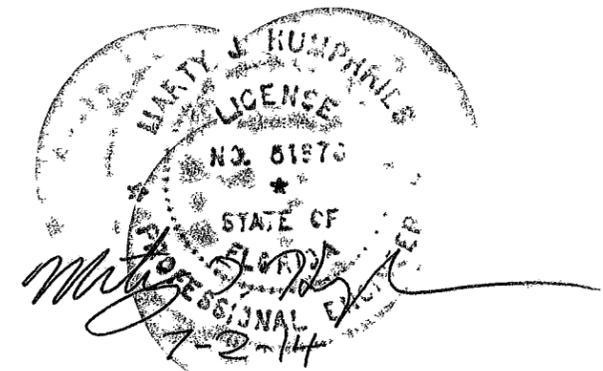
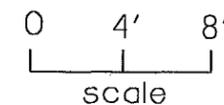
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RIGHT ELEVATION



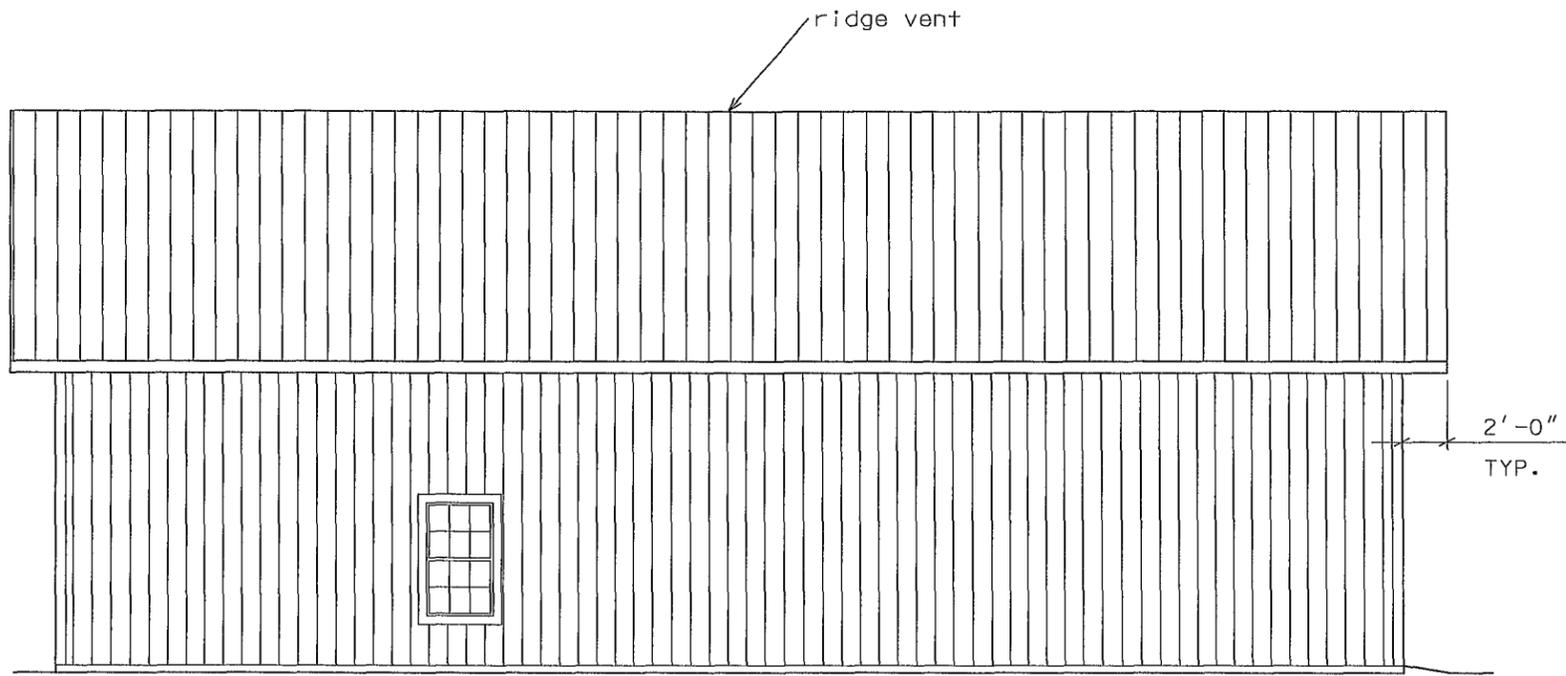
FRONT ELEVATION



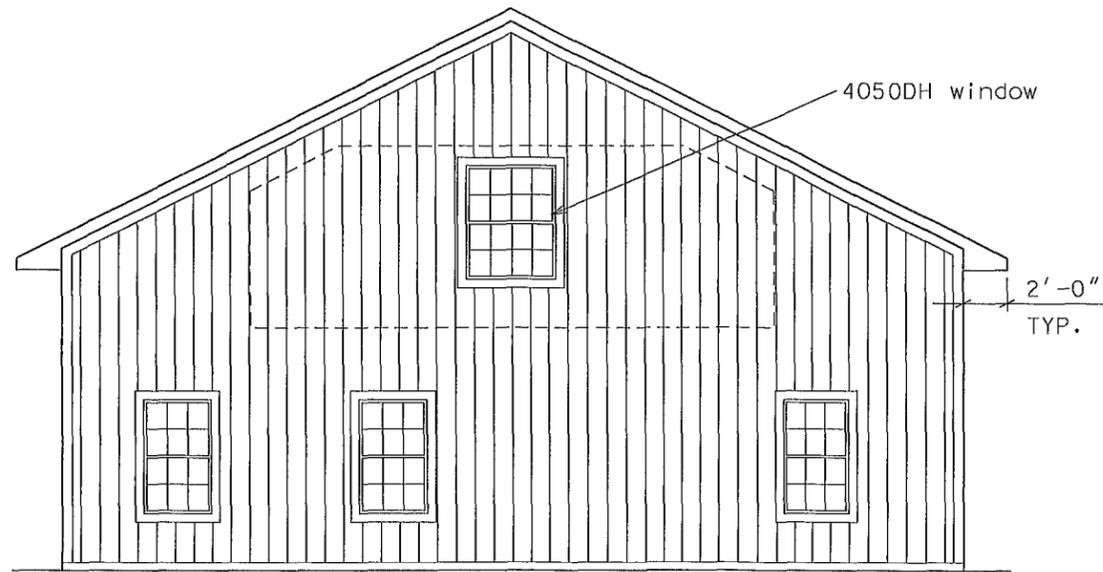
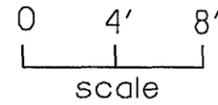
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CASE RESIDENCE PLANS  
COLUMBIA COUNTY, FLORIDA

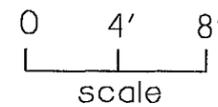
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LEFT ELEVATION



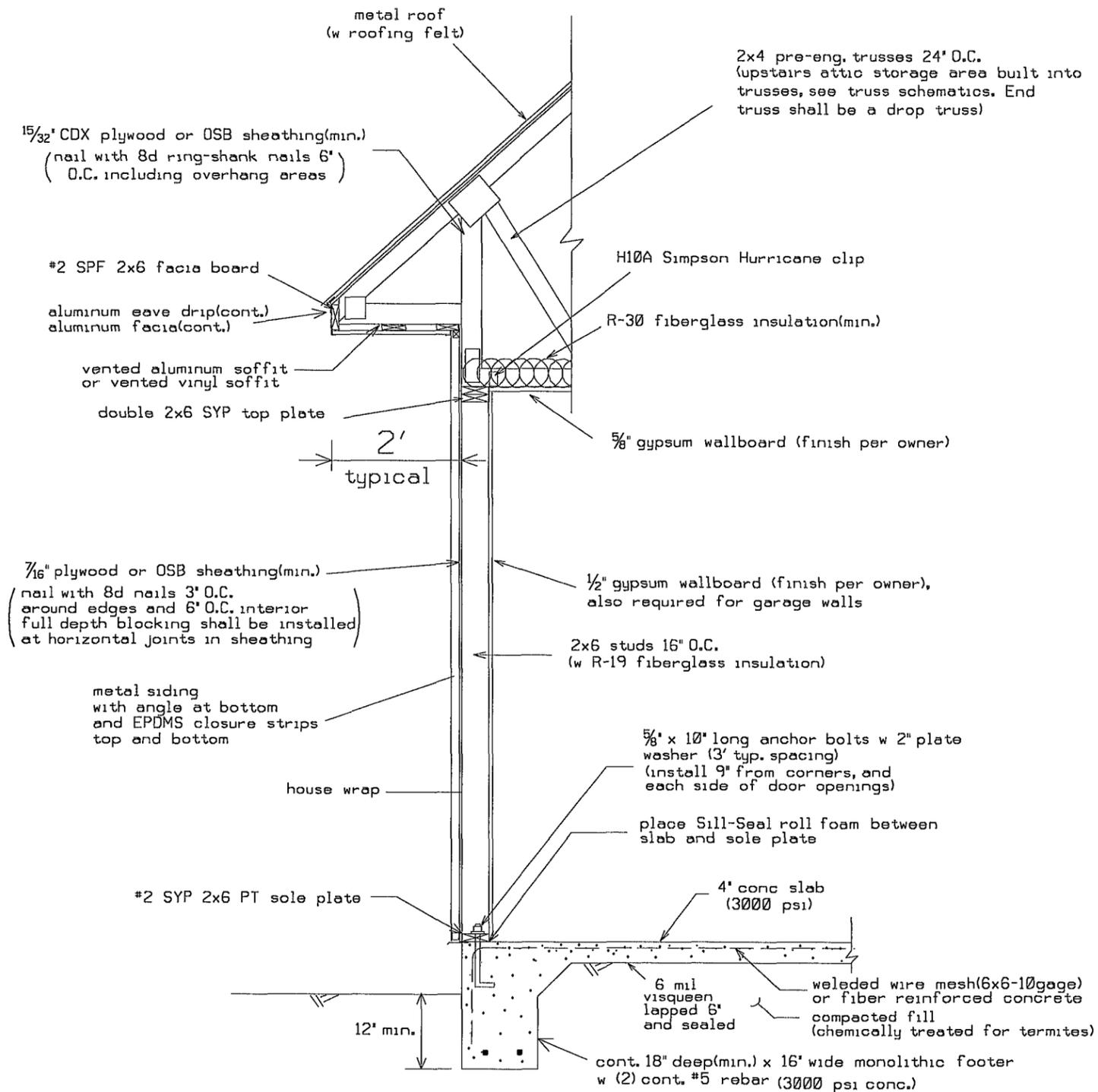
REAR ELEVATION



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CASE RESIDENCE PLANS  
COLUMBIA COUNTY, FLORIDA

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**DETAIL A - WALL TYPICAL, LIVING AREA (N.T.S.)**

HEADER SIZES/MATERIAL SHALL BE AS FOLLOWS:

WINDOW AND DOOR OPENINGS: 2 - #2 SYP 2x10's with 2x6 top and bottom nailed with 12d nails 10" on center.

NOTE: WALL BETWEEN GARAGE AND HOME SHALL BE COVERED WITH 1/2" GYPSUM WALL BOARD. DOORS BETWEEN GARAGE AND LIVING AREA AND ATTIC STORAGE SHALL BE EITHER A 1 3/8" MIN. SOLID WOOD DOOR, 1 3/8" MIN. SOLID OR HONEYCOMB CORE STEEL DOOR, OR A 20 MIN. FIRE-RATED DOOR.

## STRAPPING AND ANCHOR REQUIREMENTS

(Designed In accordance with the 2010 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 = 19'  
 Height and Exposure Adjustment Coefficient = 1.0  
 Roof Cross Slope = 6:12  
 Wall Height = 8'1"(living) and 14'4"(garage)  
 Risk Category = II  
 Component and Cladding Pressures = Roof(Zone 1=14.9,-23.7, Zone 2=14.9,-41.3, Zone 3=14.9,-61.0), Wall(Zone 4=25.9,-28.1, Zone 5=25.9,-34.7)(units are psf)

### TRUSS ANCHORS:

At Truss to Exterior Wall Locations: install one Simpson model H10A anchor for all trusses.

### WALL STRAP TIES:

For Living Area: at top and bottom of wall install one Simpson model SP6 at each side of each door and window. All other wall locations install one SP6 top and bottom of the wall 4' on center. For french door install 2 SP6's top and bottom of the wall each side.

(See typical for wall construction requirements at garage)

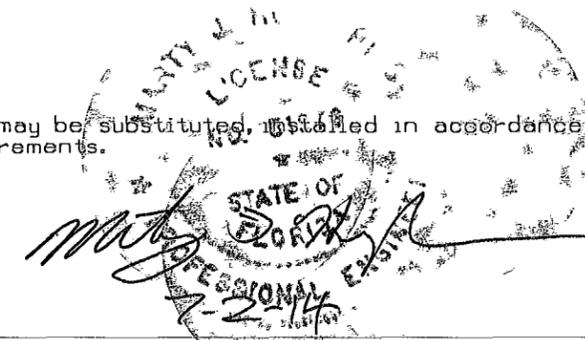
### GABLE ENDS:

(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.

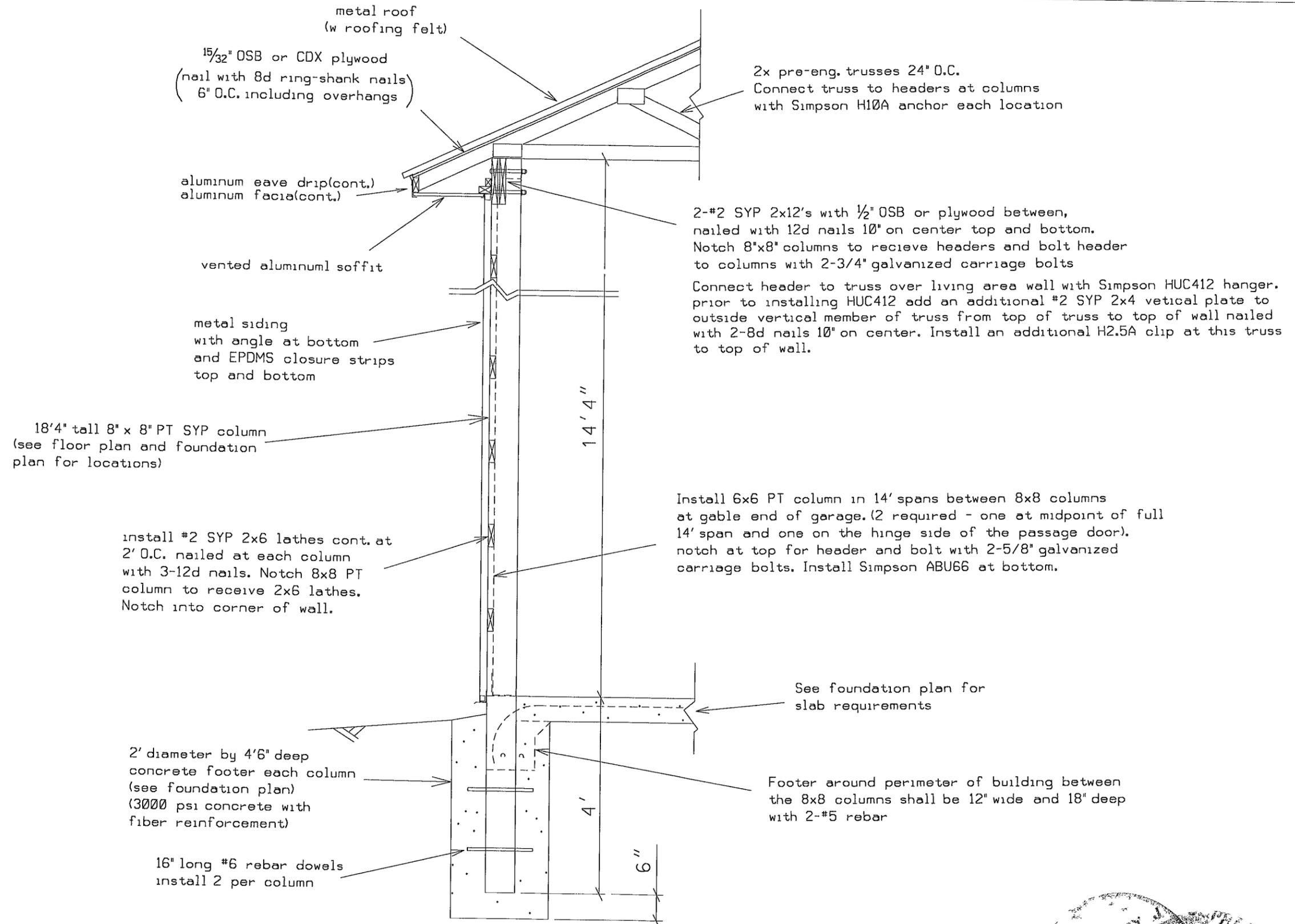
Equivalent capacity anchors may be substituted, installed in accordance with the manufacturers requirements.



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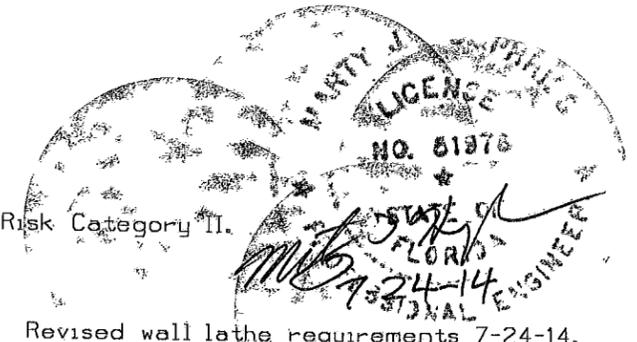
CASE RESIDENCE PLANS  
 COLUMBIA COUNTY, FLORIDA

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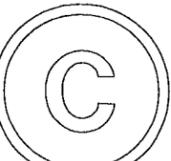


DETAIL B - WALL TYPICAL, GARAGE AREA (N.T.S.)

Designed in accordance with 2010 Florida building code for 120mph Vult. zone, adjustment factor 1.0, Exposure Category B and Risk Category II.



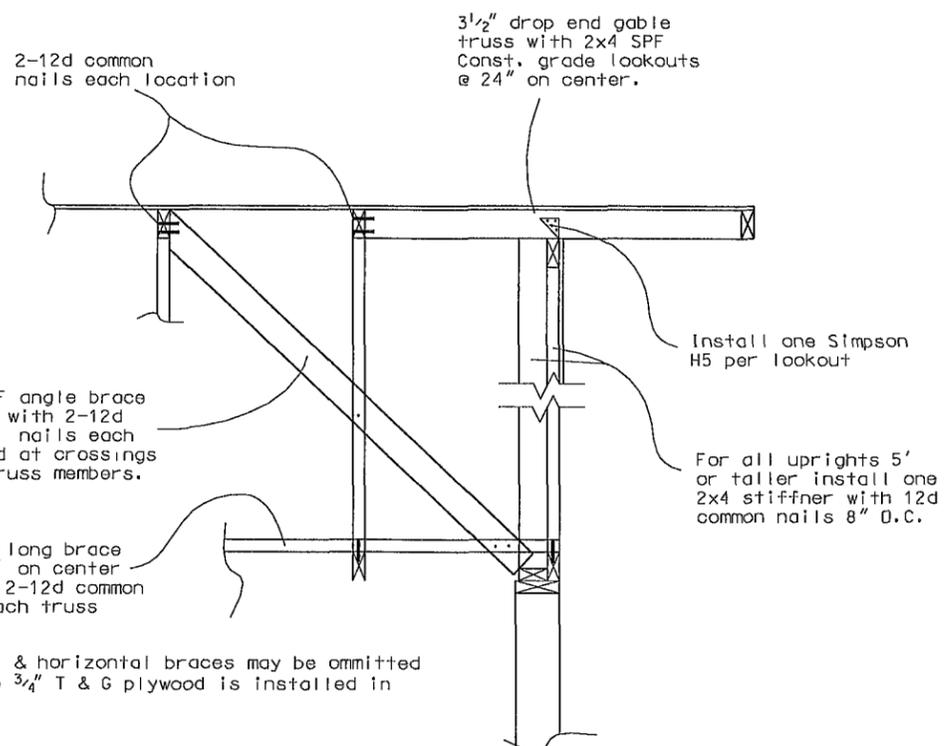
Revised wall lath requirements 7-24-14.



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 7932 240TH ST., O'BRIEN, FL 32071

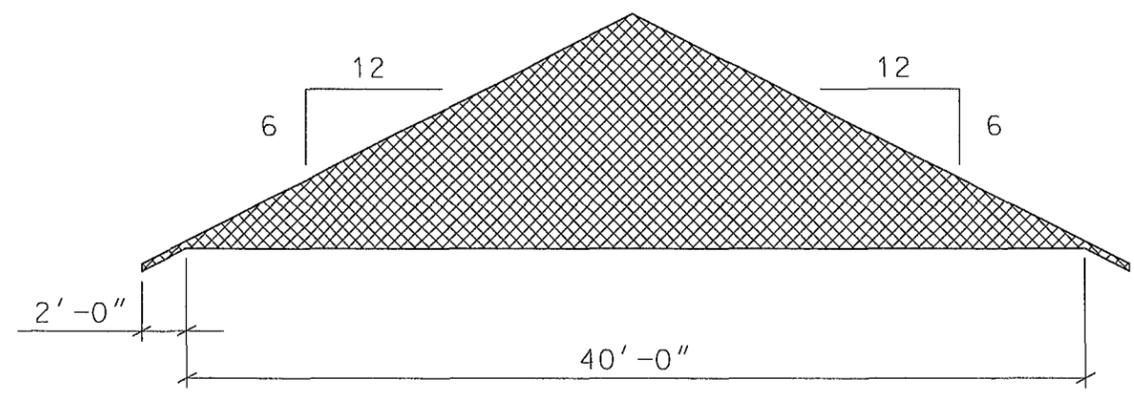
CASE RESIDENCE PLANS  
 COLUMBIA COUNTY, FLORIDA

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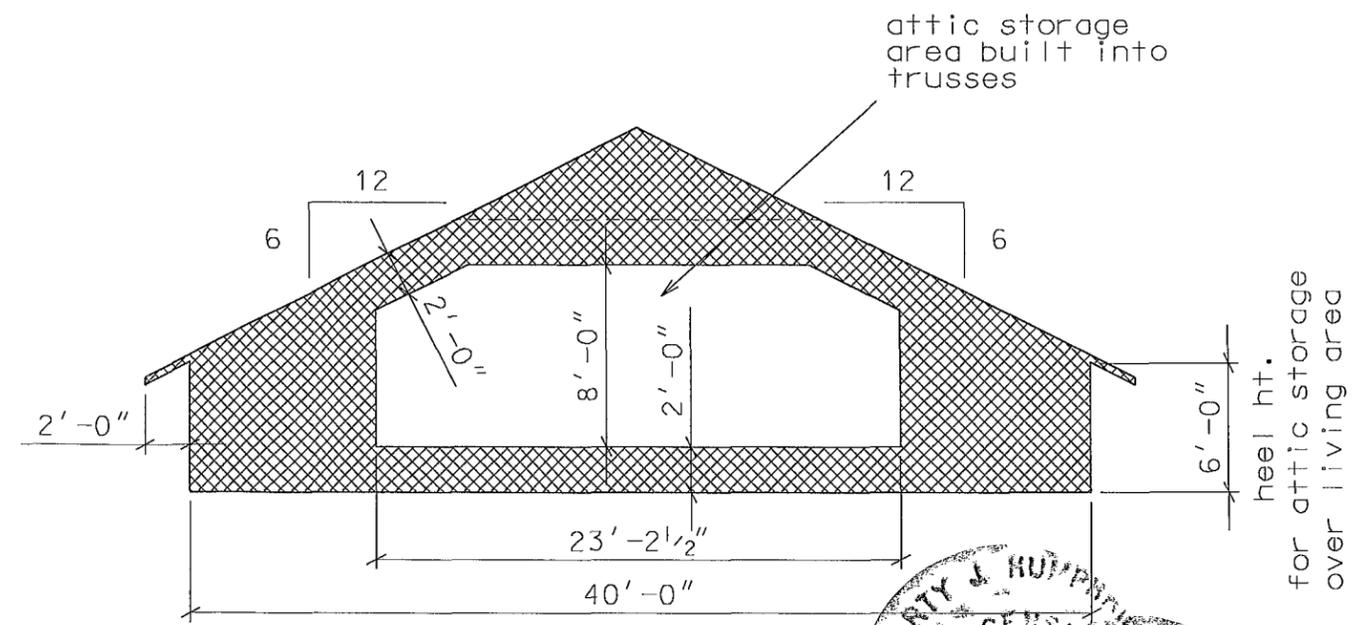


GABLE END BRACING  
DETAIL (N.T.S.)

Note: Interior angel & horizontal braces may be omitted in areas where 3/4" T & G plywood is installed in attic area

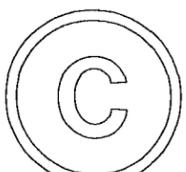


COMMON TRUSS SCHEMATIC(over garage area)



COMMON TRUSS SCHEMATIC(over living area)

MARTY J. HUMPHRIES  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
7-2-14

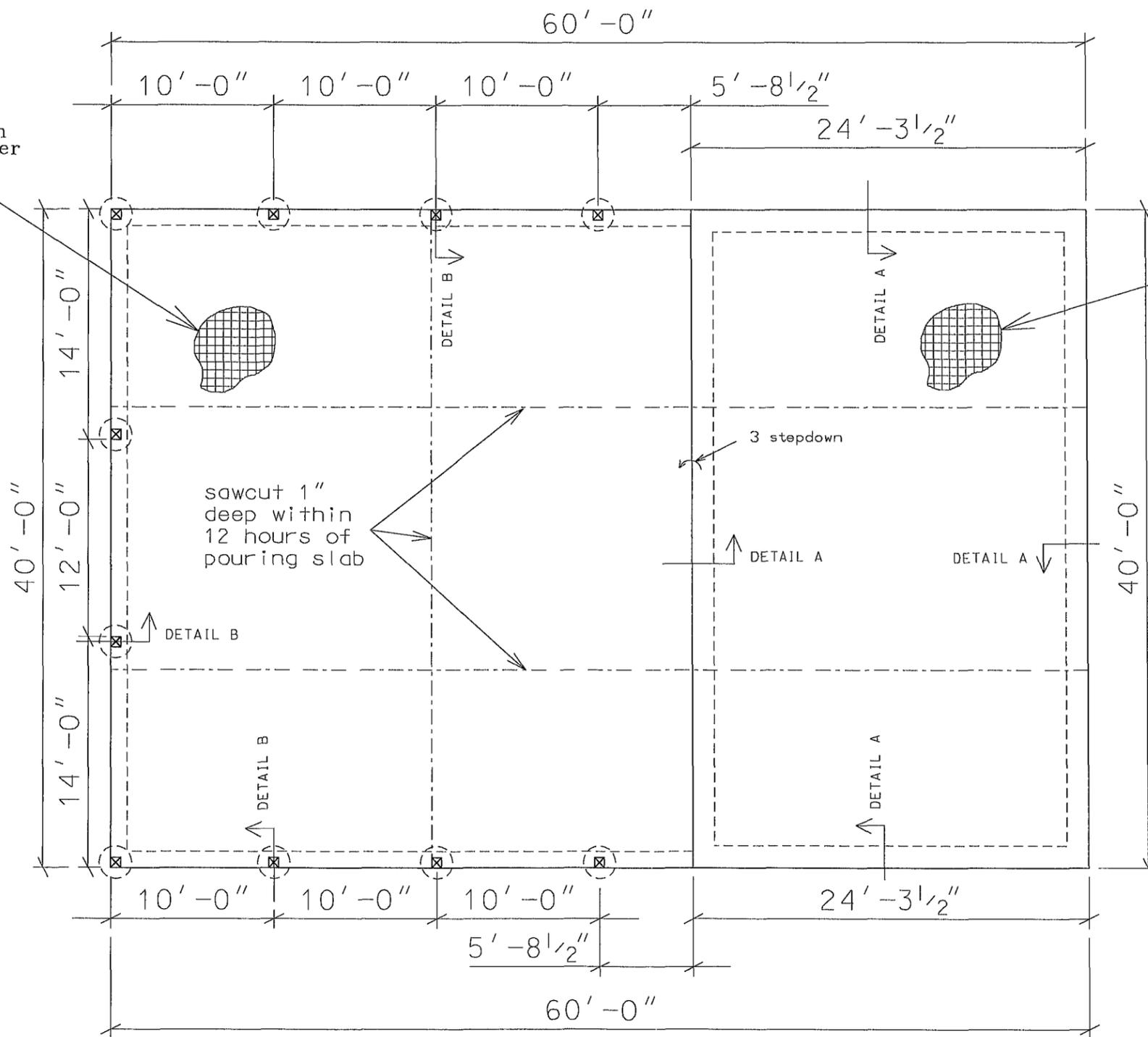


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7932 240TH ST., O'BRIEN, FL 32071

CASE RESIDENCE PLANS  
COLUMBIA COUNTY, FLORIDA

6" concrete slab with  
Welded Wire Mesh(WWM)  
6x6(10 gage)(WWM placed  
on chairs 3' on center) with  
6 mil visqueen vapor barrier  
lapped 6" and sealed.

4" concrete slab with  
Welded Wire Mesh(WWM)  
6x6(10 gage)(WWM placed  
on chairs 3' on center) with  
6 mil visqueen vapor barrier  
lapped 6" and sealed.

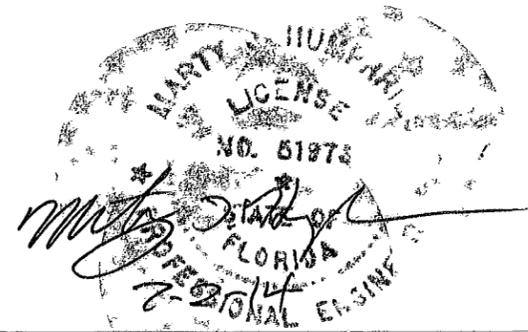


# FOUNDATION PLAN



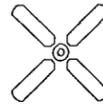
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CASE RESIDENCE PLANS  
COLUMBIA COUNTY, FLORIDA



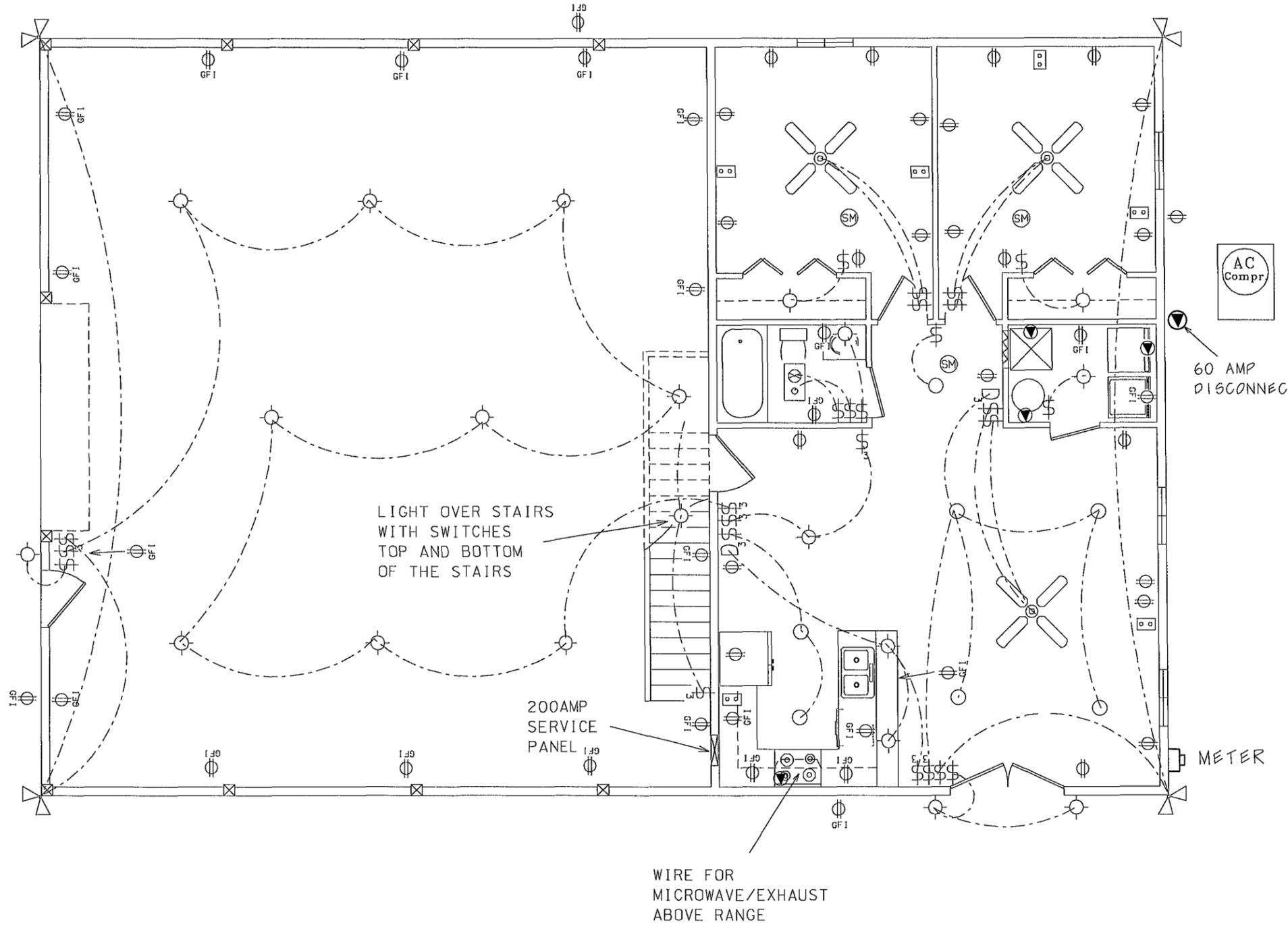
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# ELECTRICAL LEGEND

-  - CEILING FAN w LIGHTS
-  - LIGHT FIXTURE
-  - RECESSED CAN LIGHT FIXTURE
-  - SINGLE POLE SWITCH
-  - THREE-WAY SWITCH
-  - THREE-WAY DIMMER SWITCH
-  - RECEPT.
-  - GFI RECEPT OR PART OF A GFI CIRCUIT.
-  - SECURITY LIGHT
-  - EXHAUST WITH LIGHT
-  - 220 V.
-  - SMOKE & CARBON MONOXIED DETECTOR (AC/DC and interconnected)
-  - TELEPHONE AND RG6 COAX

## 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 ATTIC STORAGE AREA WITH SWITCH NEAR DOOR TO STORAGE AREA.
- 4.) PLACE SMOKE/CARBON MONOXIDE DETECTOR IN ATTIC STORAGE AREA.



# ELECTRICAL PLAN


  
 MARTY HUMPHRIES  
 LICENSE NO. 51976  
 STATE OF FLORIDA  
 PROFESSIONAL ENGINEER

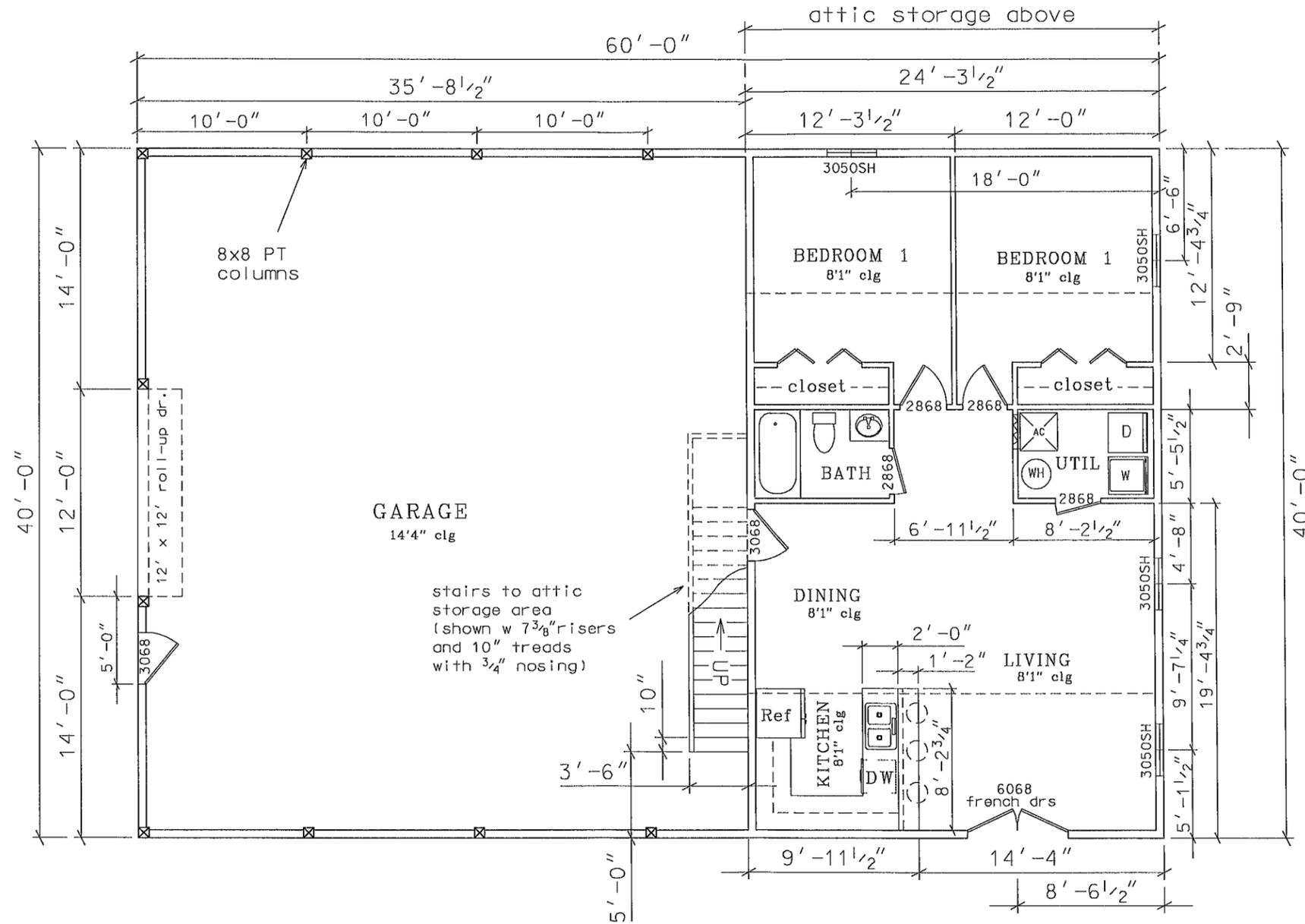


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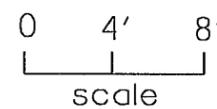
CASE RESIDENCE PLANS  
 COLUMBIA COUNTY, FLORIDA

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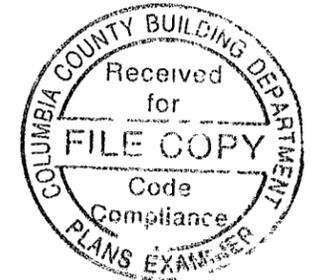
FRONT →



# FLOOR PLAN



Note: Doors between garage and home shall be a solid wood doors not less than 1 3/8" in thickness, solid or honeycomb steel doors not less than 1 3/8" thick or a 20 minute fire-rated doors.

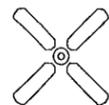


CASE RESIDENCE PLANS  
COLUMBIA COUNTY, FLORIDA

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7932 240TH ST., O'BRIEN, FL 32071

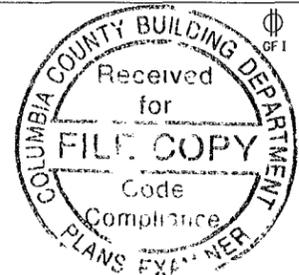
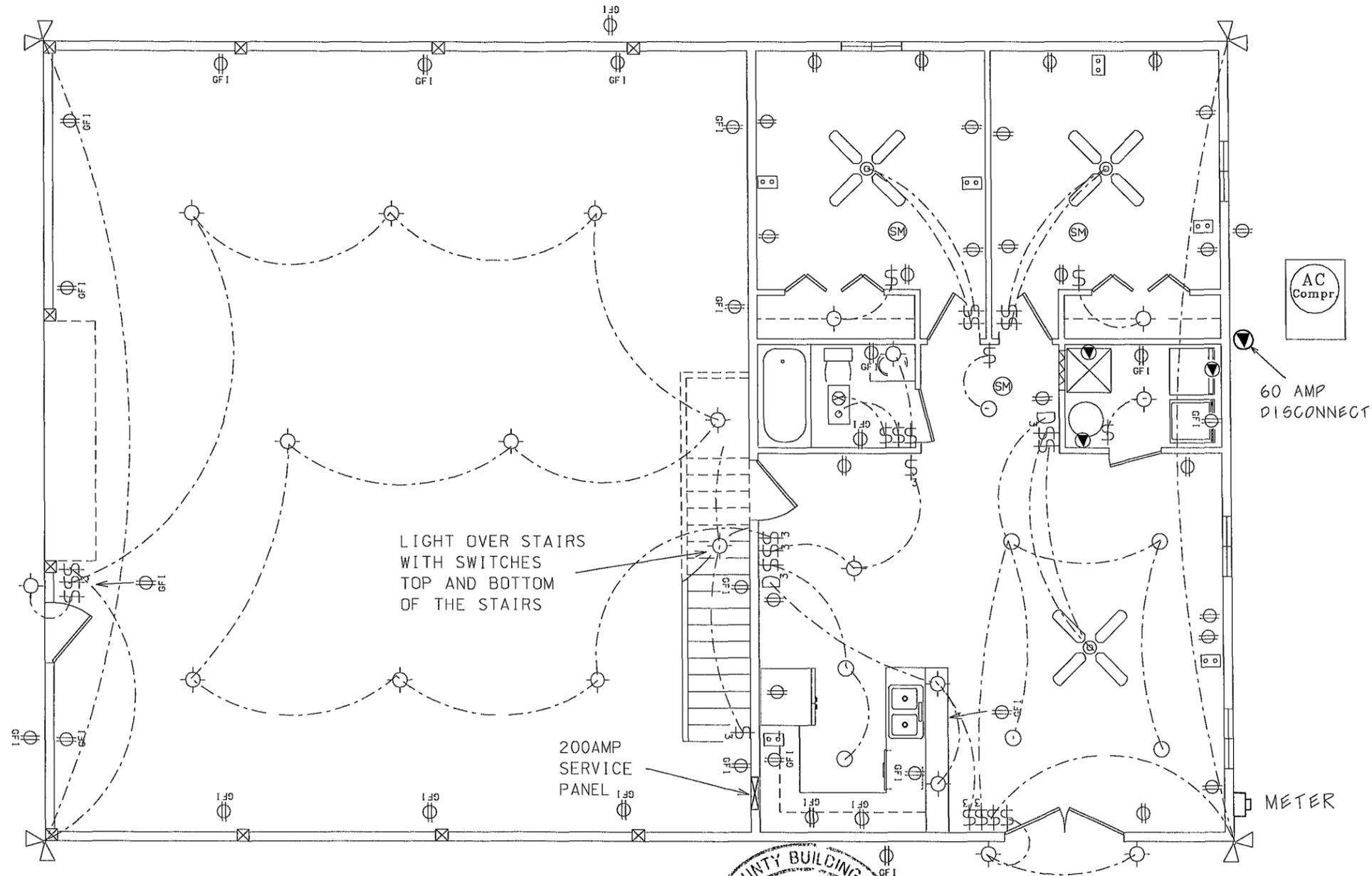
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# ELECTRICAL LEGEND

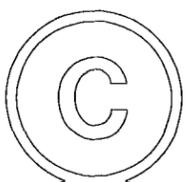
-  - CEILING FAN w LIGHTS
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-  - RECESSED CAN LIGHT FIXTURE
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# ELECTRICAL PLAN (N)



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CASE RESIDENCE PLANS  
 COLUMBIA COUNTY, FLORIDA

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