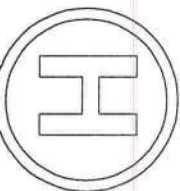


HART RESIDENCE PLANS COLUMBIA COUNTY, FL

Plan Sheet Index:

Sheet No.	Description
1	title/index sheet
2	floor plan
3	front & left elevations
4	rear & right elevations
5	wall detail/strapping requirements
6	special details
7	special details
8	roof plan
9	bonus room - truss schematic
10	foundation plan
11	electrical plan(1st floor)
12	electrical plan(bonus room)



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HART RESIDENCE PLANS
COLUMBIA COUNTY, FL

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2-24-16

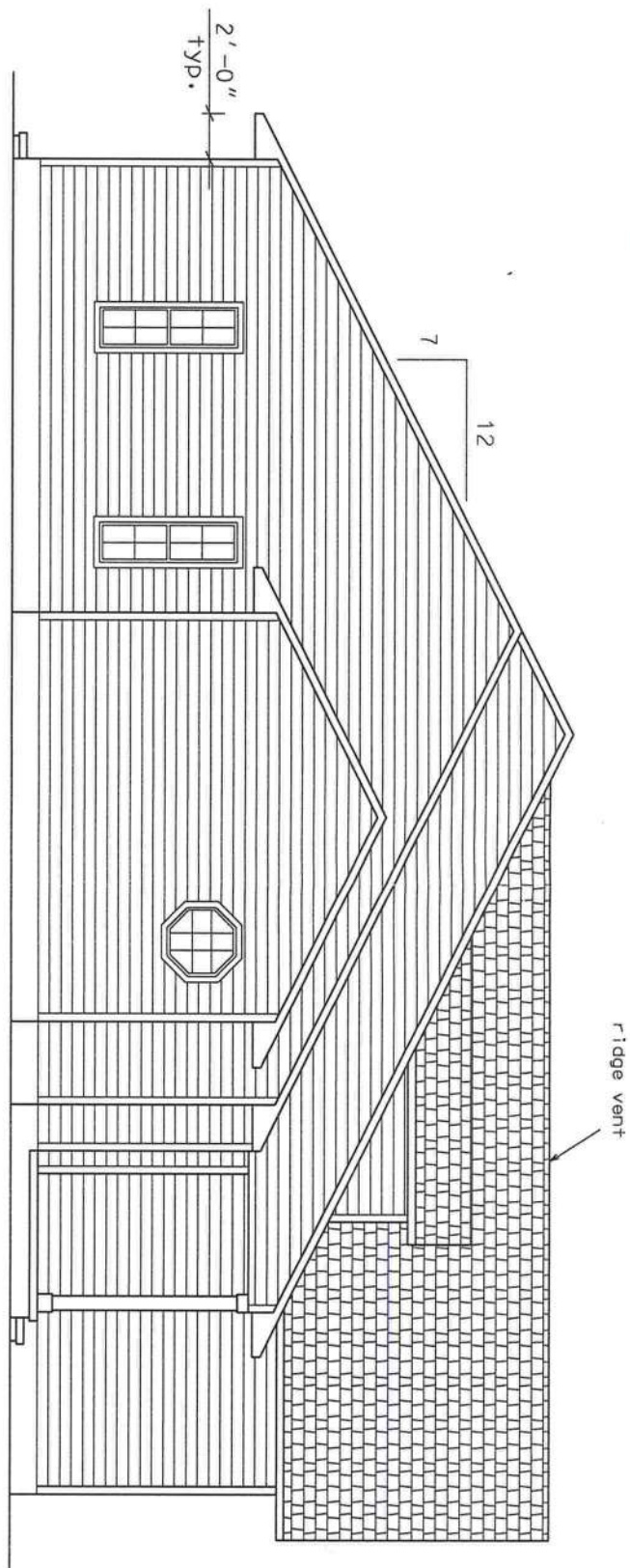


0 4' 8'

scale

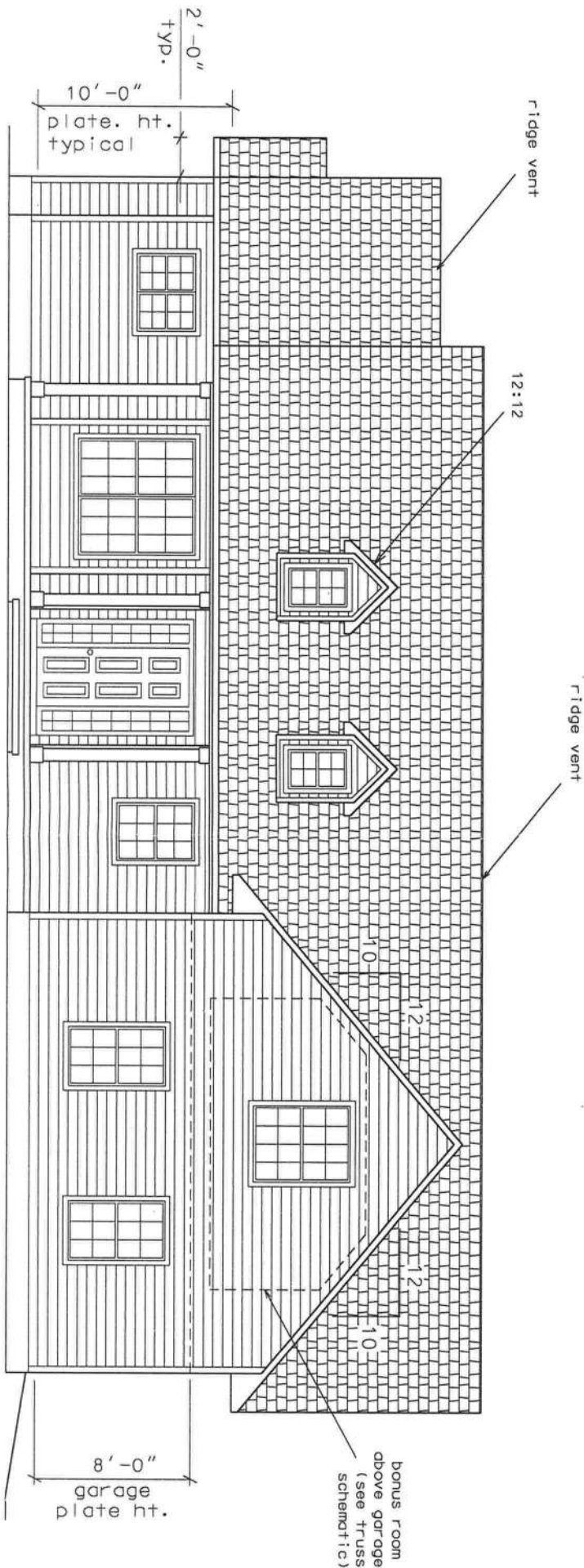
GARAGE -	575	sq. ft.
PORCHES -	377	sq. ft.

muty 5.22
2-24-16



LEFT ELEVATION

0 4' 8'
scale



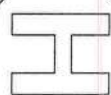
FRONT ELEVATION

0 4' 8'
scale

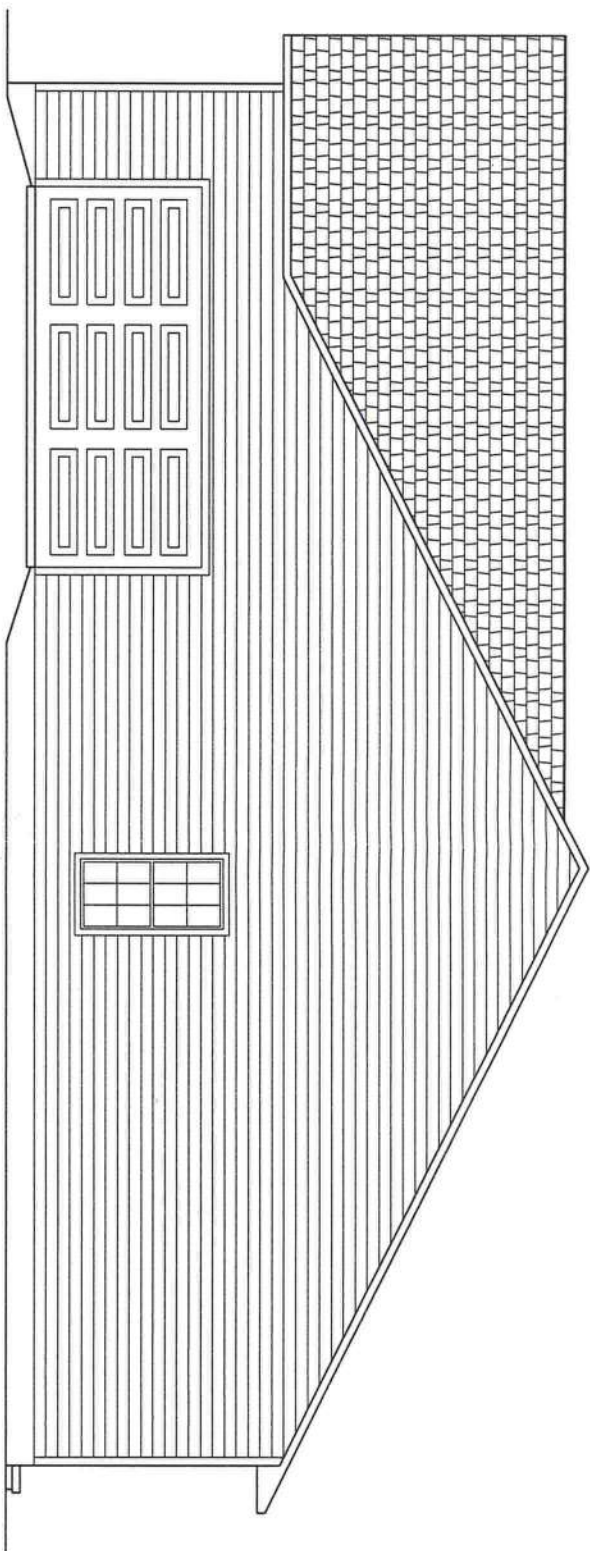
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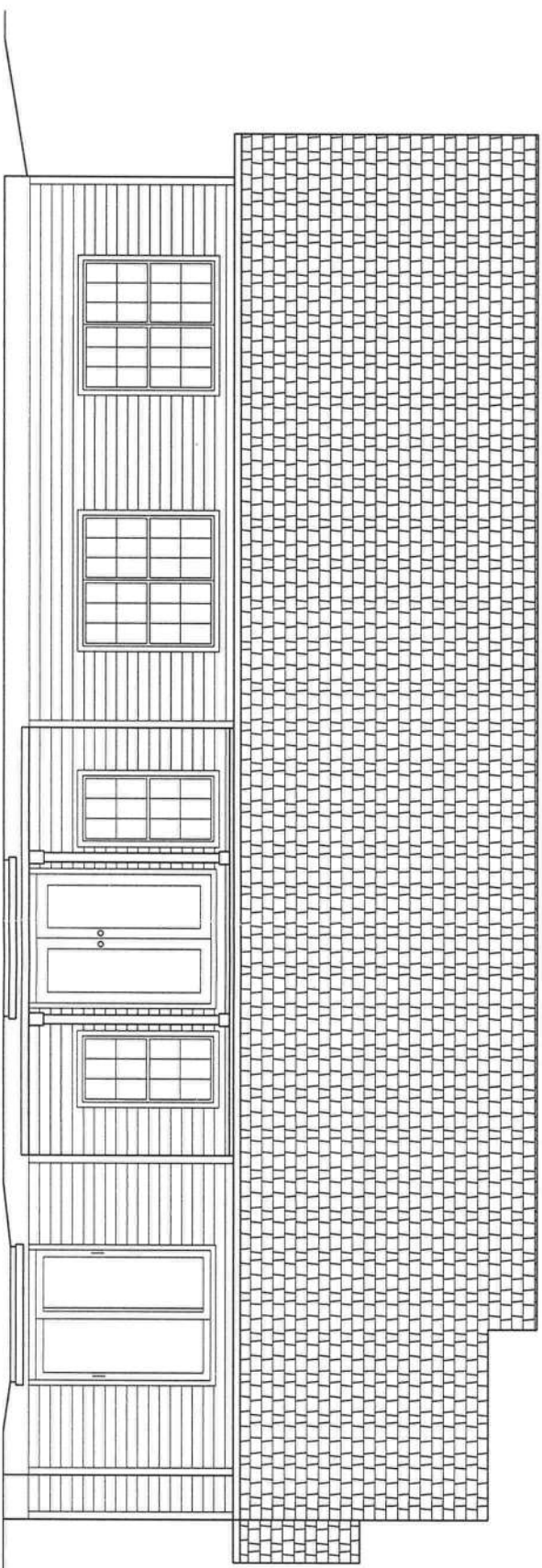
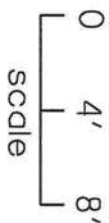
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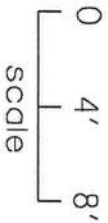
SHEET
3
OF
12



RIGHT ELEVATION



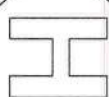
REAR ELEVATION



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SHEET
4
OF
12

(Designed In accordance with the 2014 FBC)

Basic Wind Speed = 120 mph Vult.

Exposure Category = B

$$\text{Residential Occupancy} = \text{Group R3}$$

Mean Roof Height = 16'

Height and Exposure Adjustment Coefficient = 1.00

Roof Cross Slope = 7:12, 10:12

Wall Height = 10'

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)

At Truss to Exterior Wall, Porch Beam and interior load bearing wall locations install one Simpson model H10A anchor for all trusses.

At top and bottom of exterior walls install one Simpson model SP4 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 SP4's each side of opening. All other wall locations install one SP4 top and bottom of the wall 4' on center. For garage door opening install 3-SPH4's each side, top and bottom of the wall. For interior load bearing wall install Simpson SP4's top and bottom of the wall 32" on center, one each side of door openings 3' or less in width and 2 each side of door openings greater than 3'.

At gable ends install one Simpson model H5 anchor where lookouts connect to end gable truss.

At gable ends 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 and 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)

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

Install Simpson model ABU44 and AC4Max, ACE4(Max) may be used at end columns,

Install Simpson model HUC410 hanger connecting porch header to wall of home.

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

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



WINDOW AND DOOR OPENINGS:

WINDOW AND DOOR OPENINGS: 2 - #2 SYP 2X12's w 1/2" OSB or plywood between, nailed w 3-12d nails 10" on center

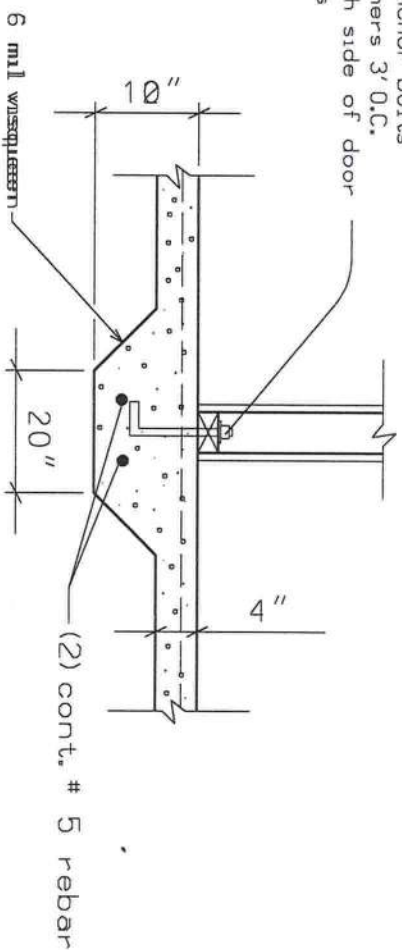
PORCH BEAM SHALL BE: 2 - #2 SYP 2X10'S w 1/2" OSB or plywood between,

INTERIOR LOAD BEARING WALLS: 2 - #2 SYP 2X12's w 1/2" plywood or OSB between nailed with 3 - 12d nails 10" O.C.

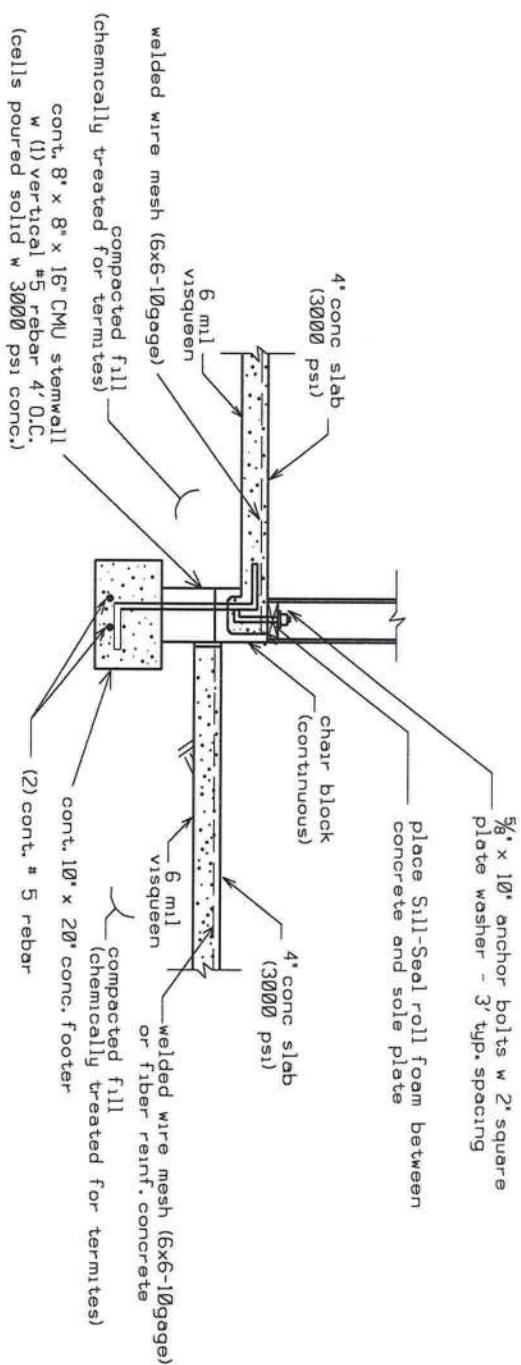
GARAGE DOOR HEADER SHALL BE: 1 - 3.5" X 14" LVL beam (Fb=2650psi, E=1.8E)

SYP = SOUTHERN YELLOW PINE

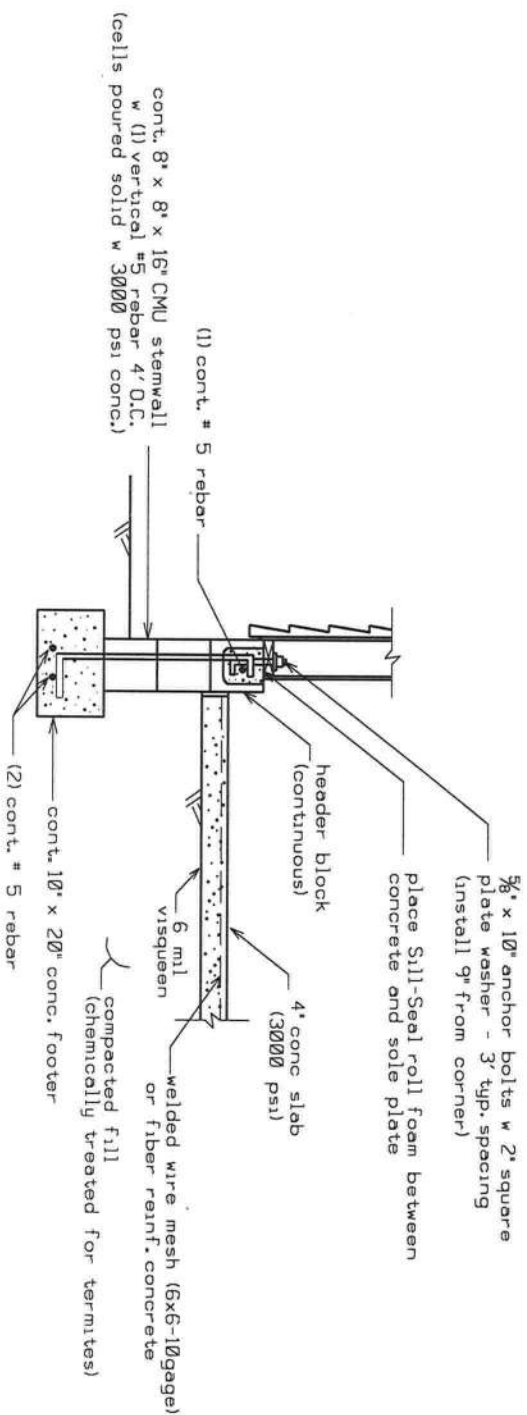
5/8"x10" anchor bolts
w 2" washers 3' O.C.
and each side of door
openings



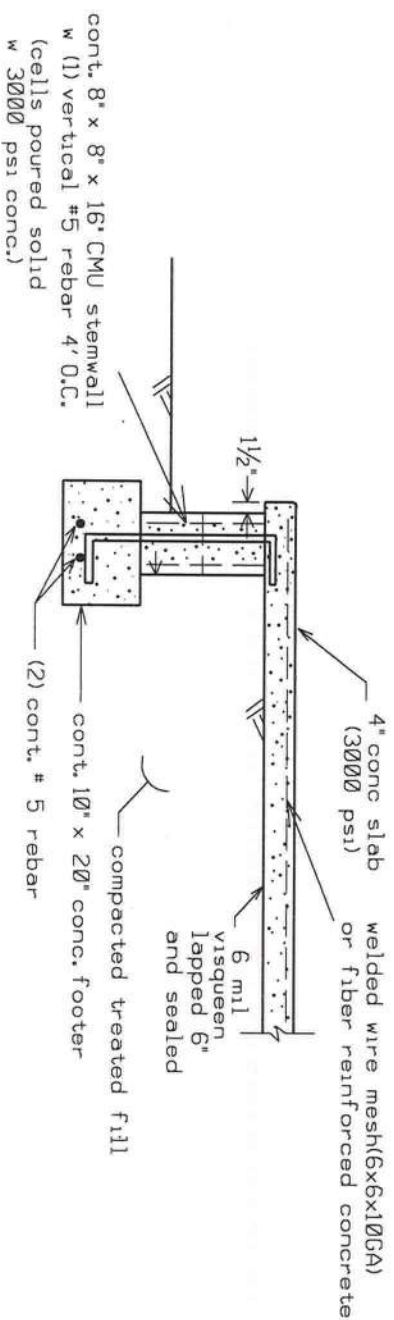
DETAIL E - INTERIOR MONOLITHIC FOOTER (N.T.S.)
(located as required by Truss Package)



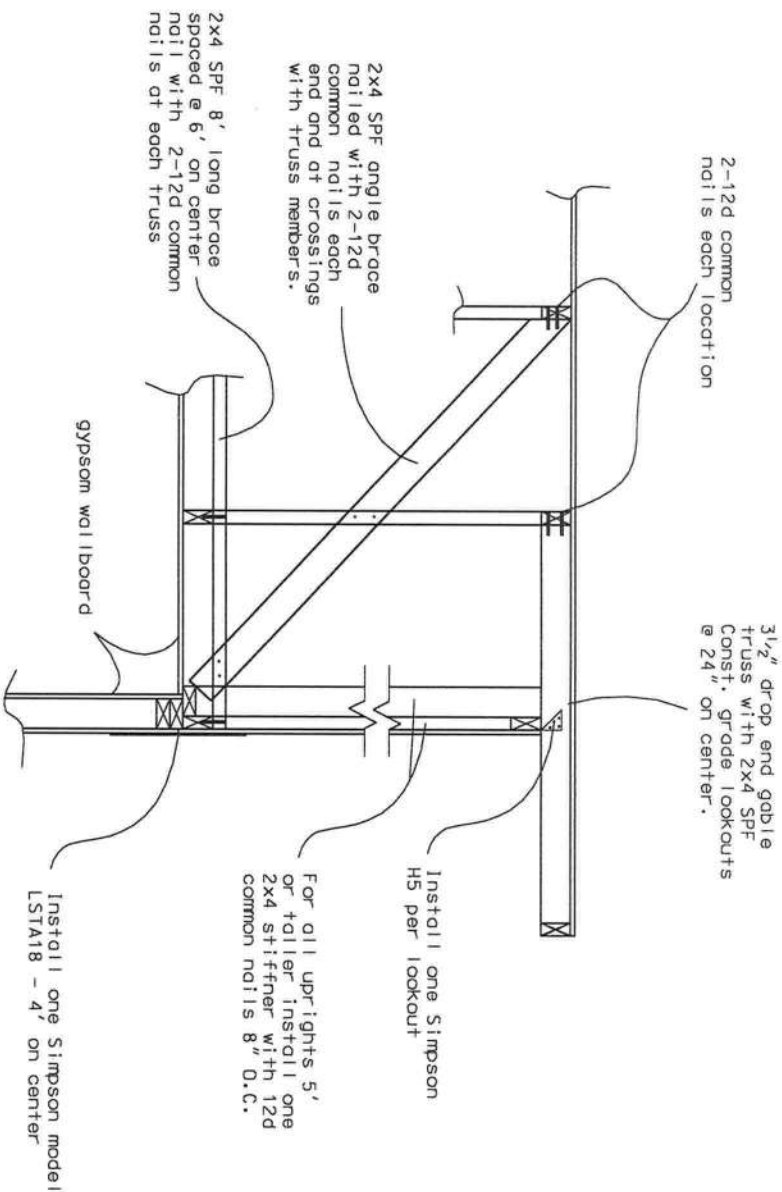
DETAIL "D"
INTERIOR GARAGE STEMWALL WITH FLOATING SLAB(N.T.S.)



DETAIL "C"
GARAGE STEMWALL WITH FLOATING SLAB(N.T.S.)



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



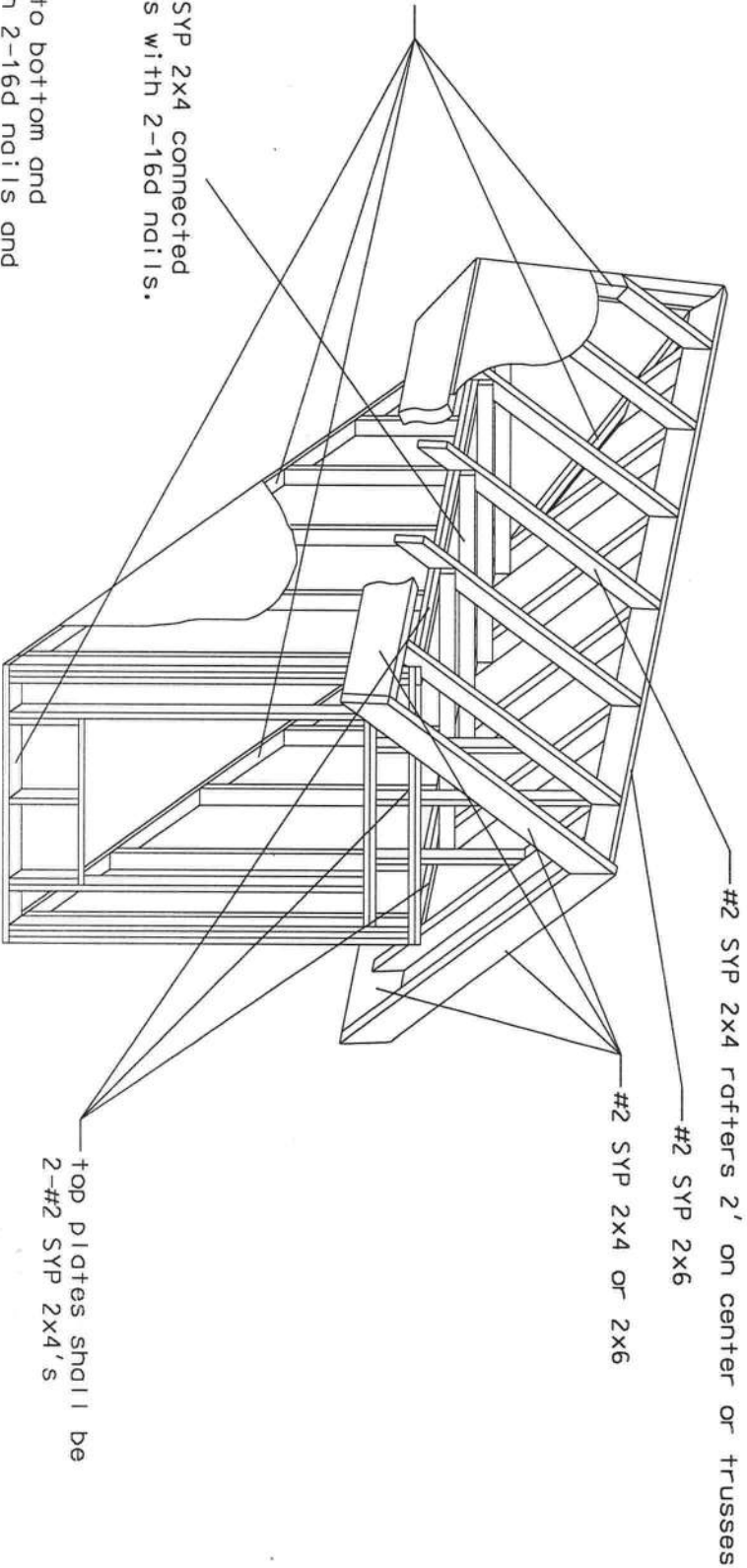
GABLE END BRACING
DETAIL (N.T.S.)

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

bottom plates shall be #2 SYP 2x4's screwed to roof decking with 1 - 2 1/2" #10 wood screw 6" O.C. (average)

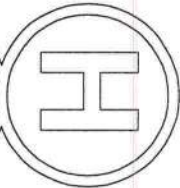
Tie beam shall be #2 SYP 2x4 connected at each end to rafters with 2-16d nails.

Note:
Connect studs to bottom and top plates with 2-16d nails and connect roof rafters to ridge plate with 2-16d nails. Also connect fascia plate to rafters with 2-16d nails at each location. Connect rafters or trusses to top plate with Simpson H5 anchor.



DORMER FRAMING DETAIL

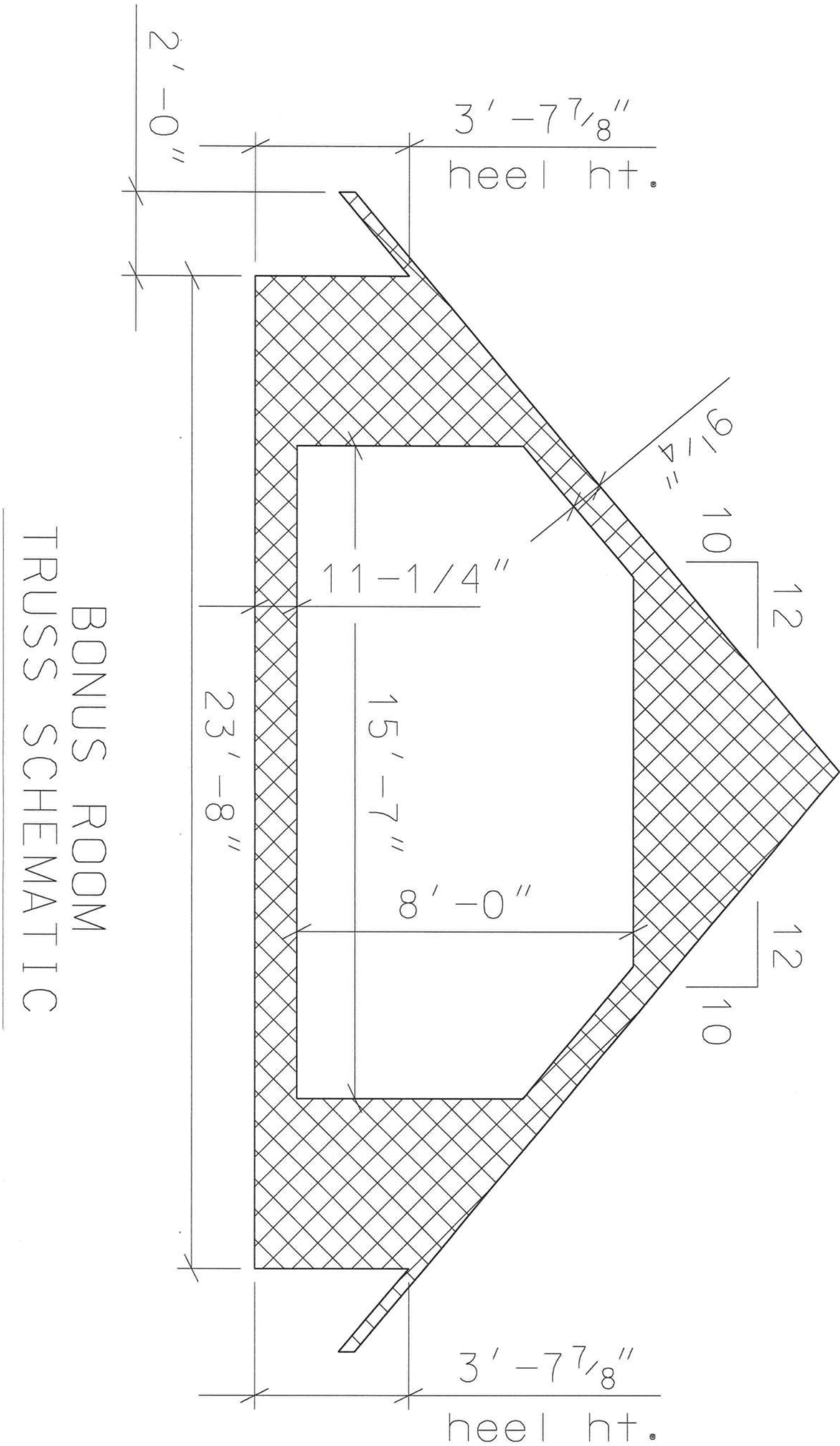
MJS O.J.H.
2-24-16



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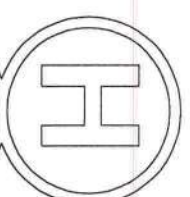
HART RESIDENCE PLANS
COLUMBIA COUNTY, FL

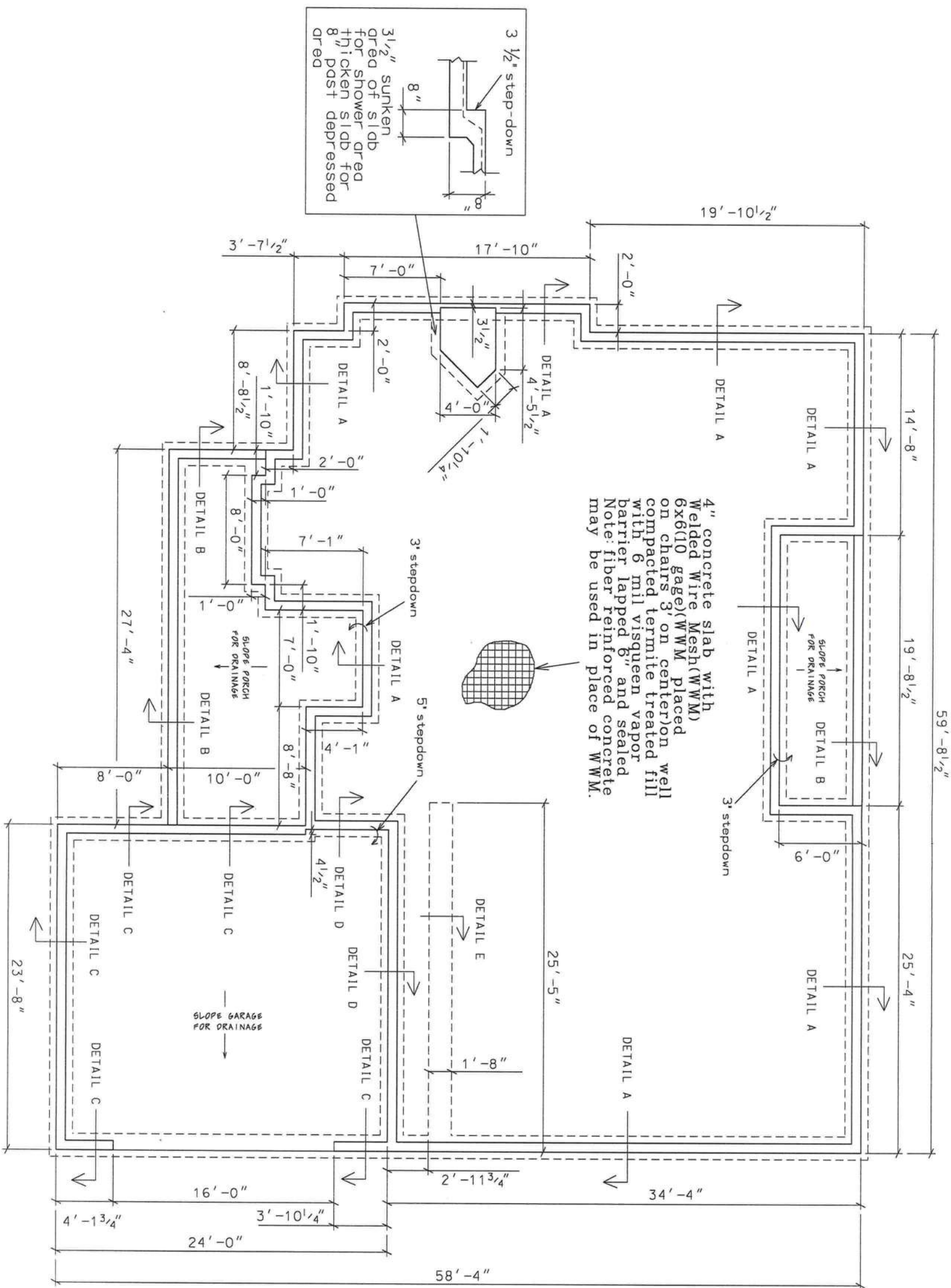




BONUS ROOM
TRUSS SCHEMATIC

Marty J. Humphries
2-24-16





FOUNDATION PLAN

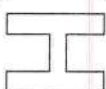
NOTE: DIMENSIONS ARE FROM OUTSIDE OF BLOCK.

0 4' 8'
SCALE

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2-24-16

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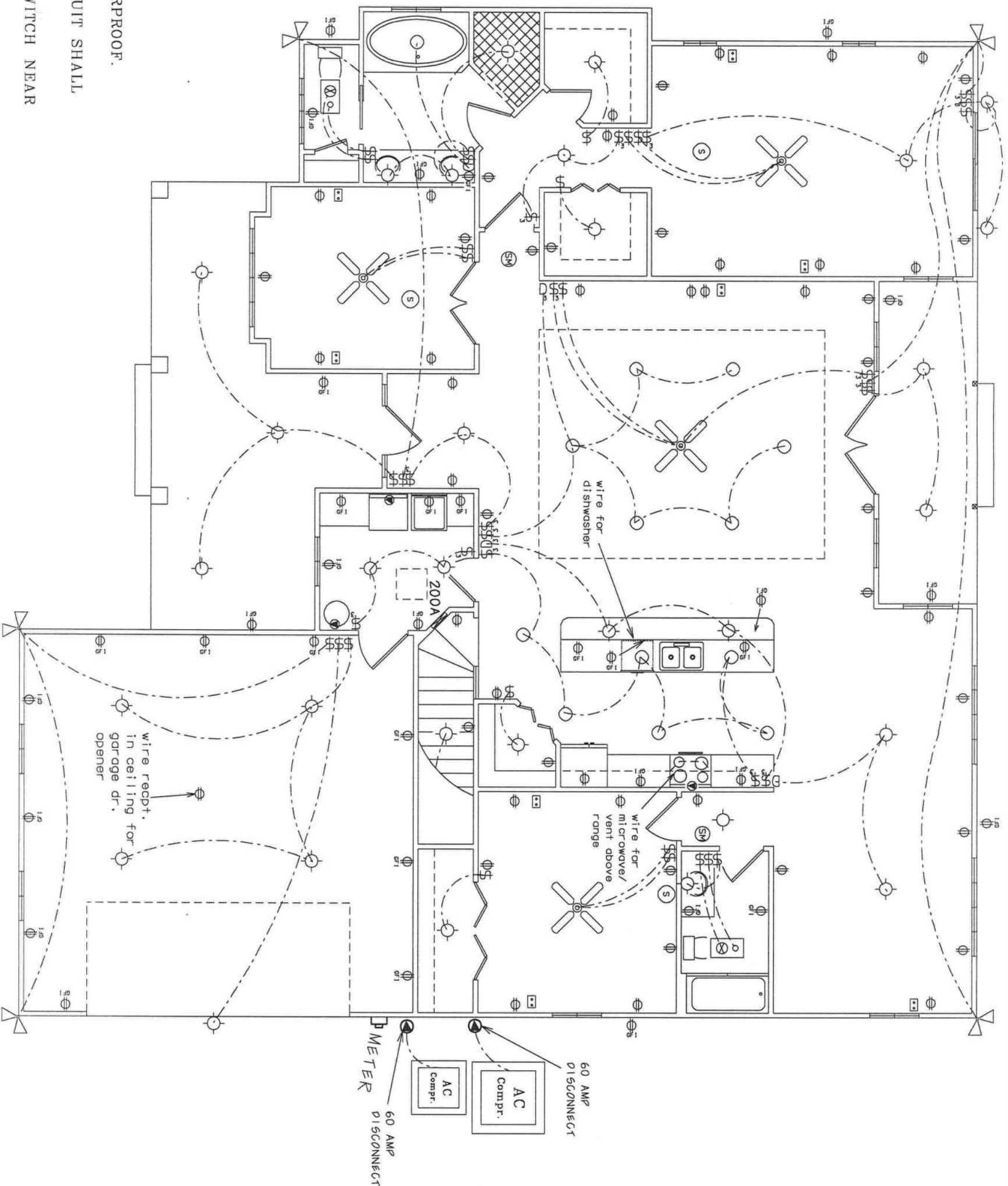
SHEET
10
OF
12

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

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.

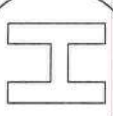


ELECTRICAL PLAN(N.T.S.)

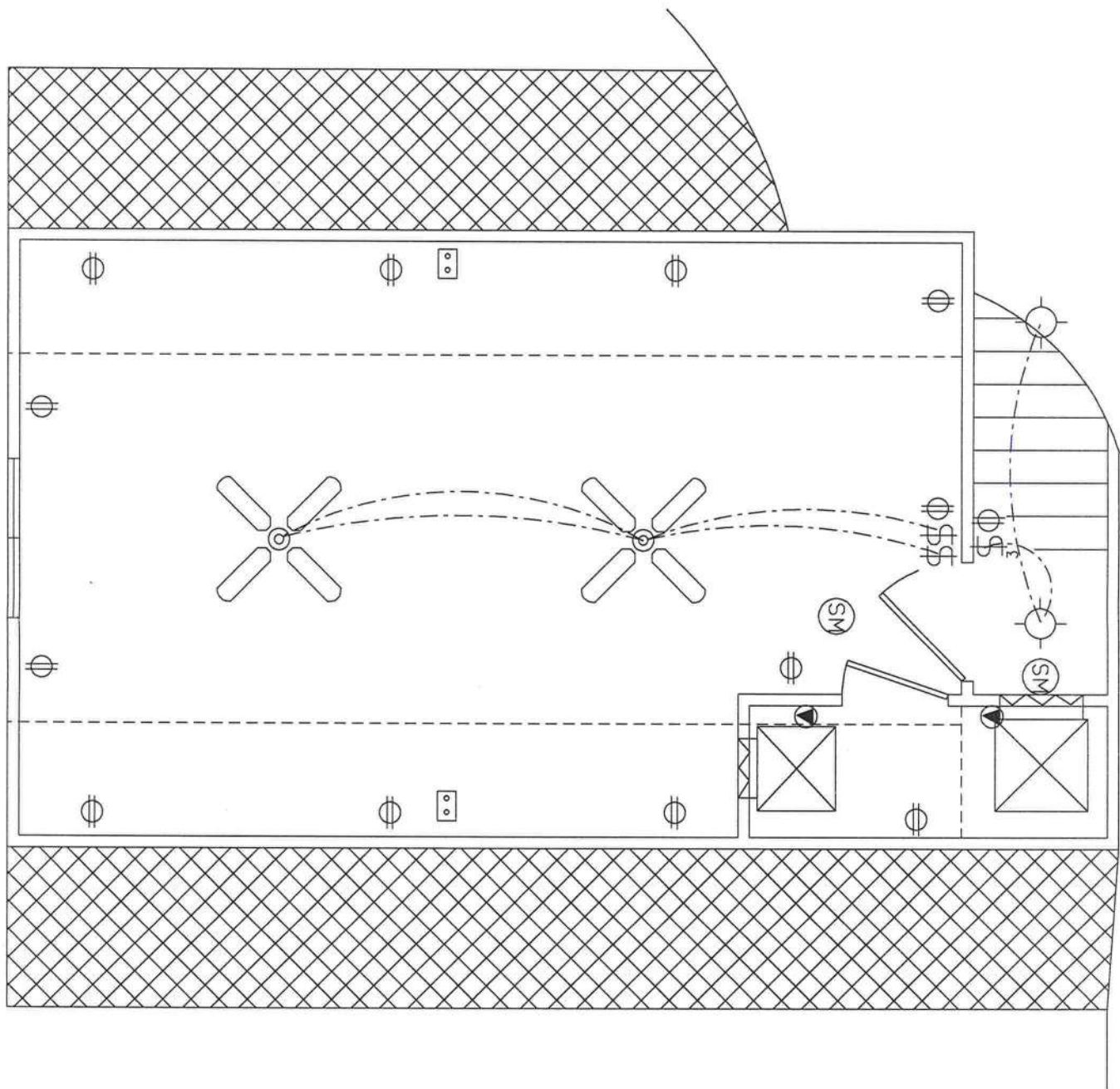
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HART RESIDENCE PLANS
COLUMBIA COUNTY, FL

SHEET
11
OF
12



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2-24-16



ELECTRICAL PLAN

(bonus room)

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2-24-16

