

FRISINGER RESIDENCE PLANS COLUMBIA COUNTY, FL

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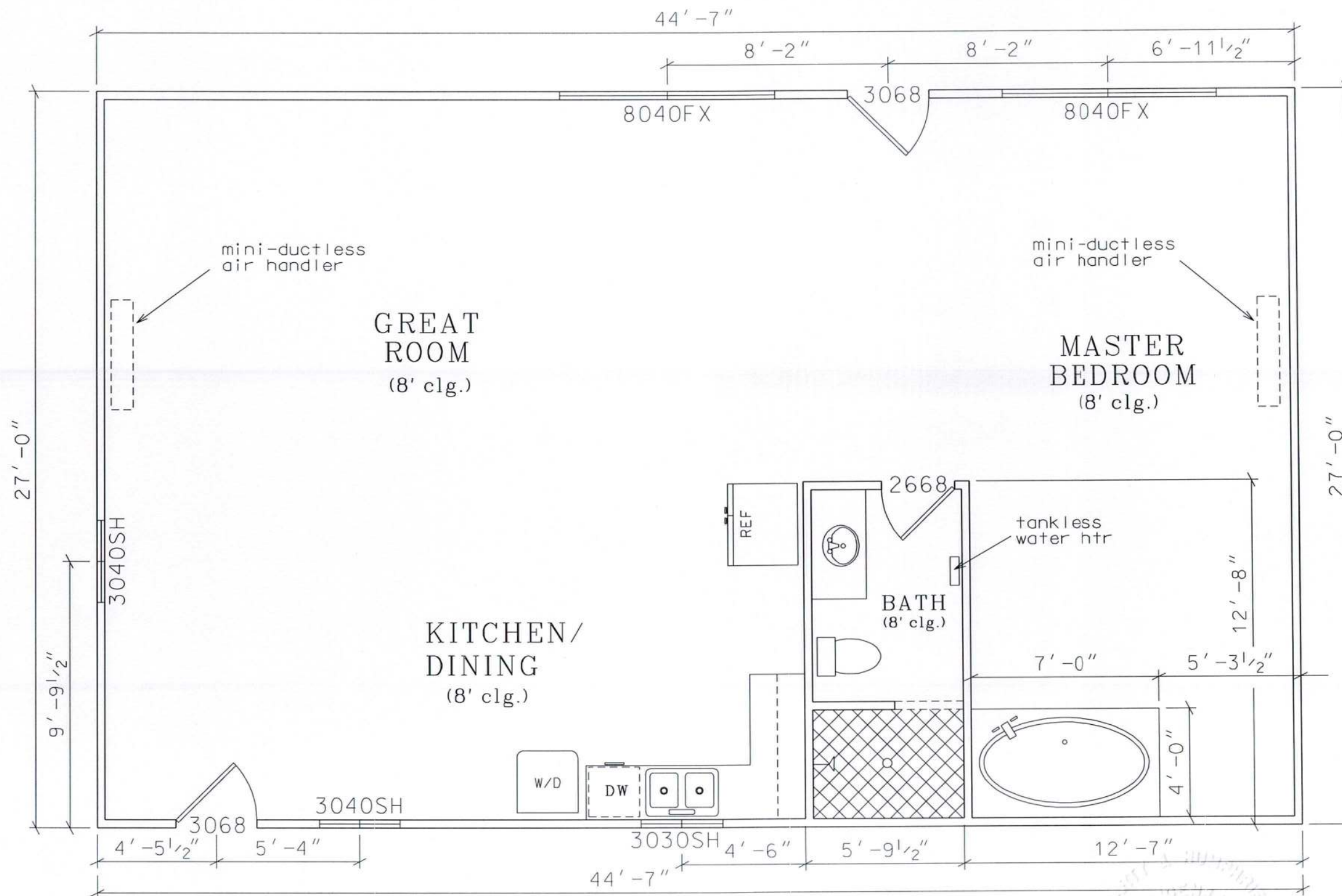
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9-10-20

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FLOOR PLAN

LIVING AREA - 1204 sq. ft.

note: dimensions are from edge of studs.

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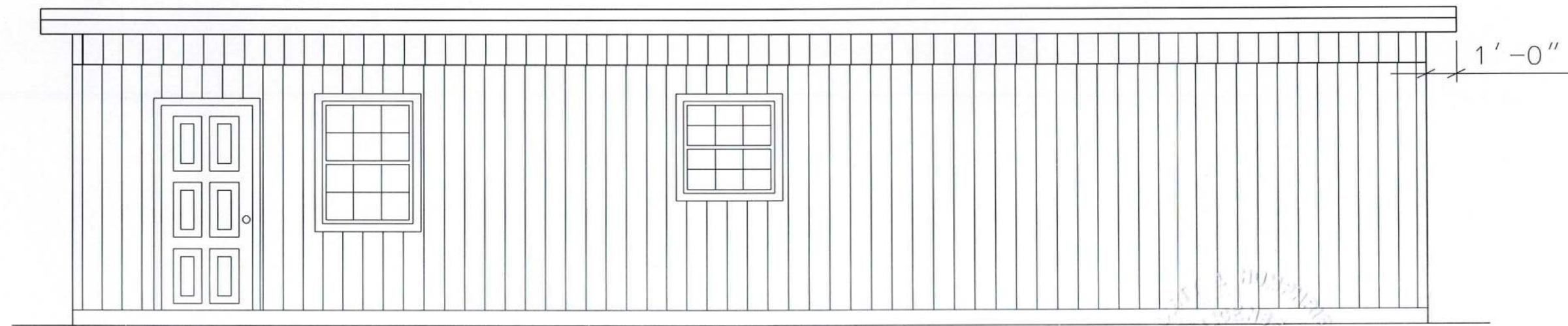
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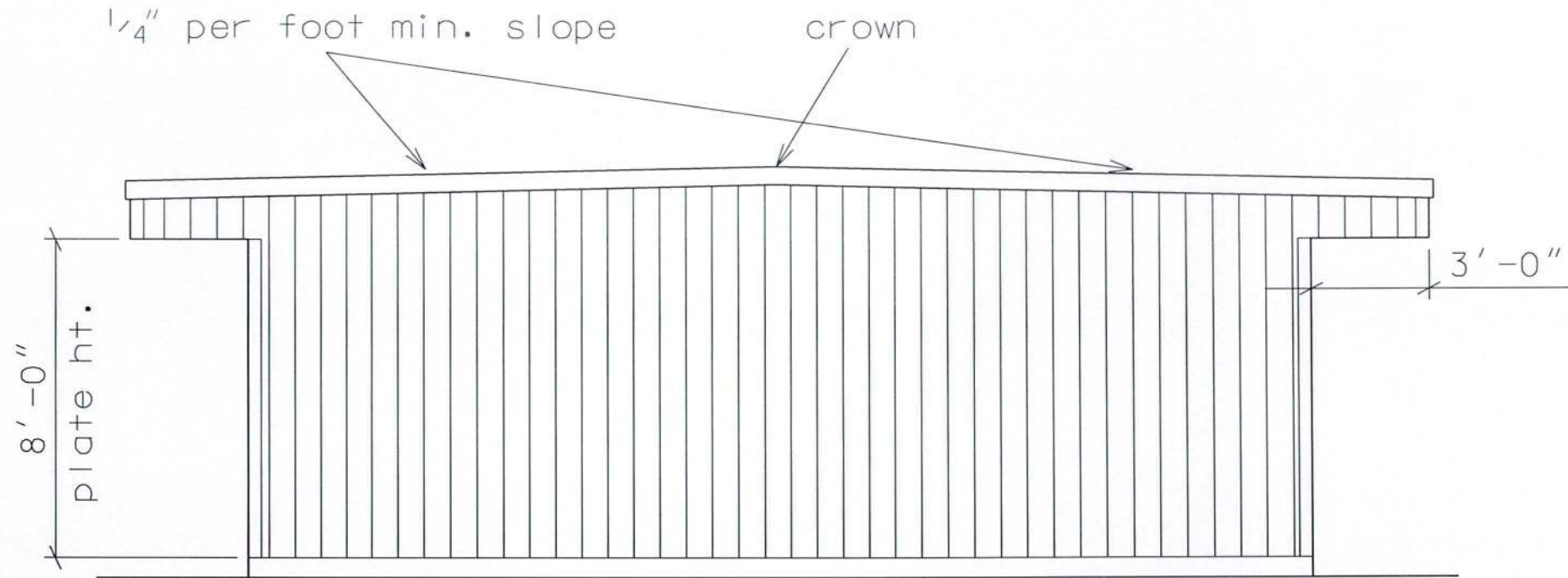
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FRONT ELEVATION



RIGHT ELEVATION

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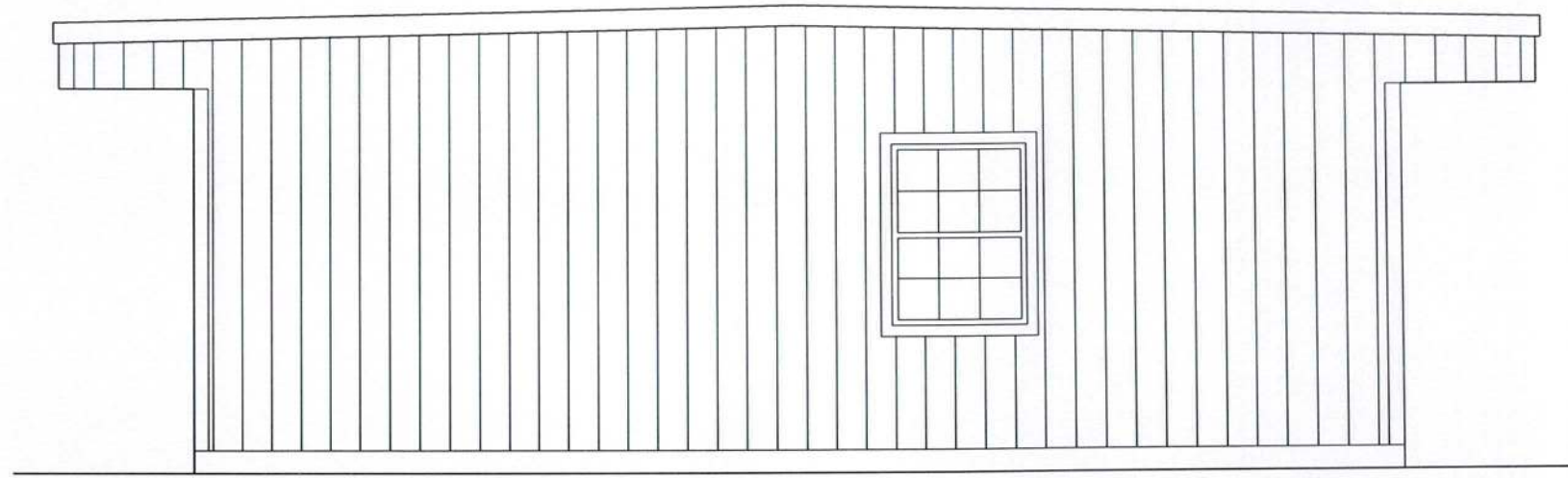
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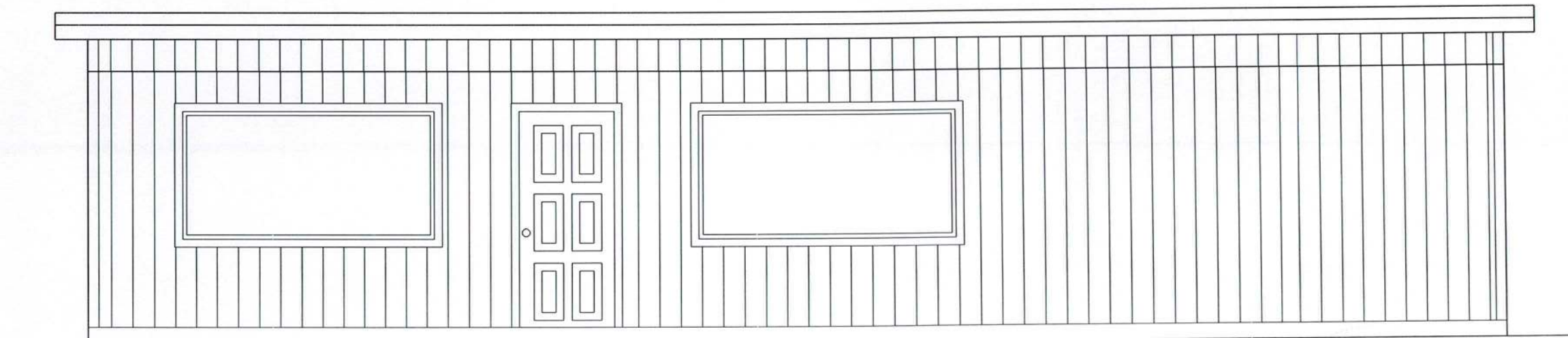
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RIGHT ELEVATION (option 2)



REAR ELEVATION

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0 2' 4'
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STRAPPING AND ANCHOR REQUIREMENTS

(Designed In accordance with the 2017 FBC)

WINDLOAD DATA AND EXPOSURE:

Basic Wind Speed = 130 mph Vult.
Importance Factor = 1.0
Exposure Category = B
Residential Occupancy = Group R3
Mean Roof Height = 10' 4"
Height and Exposure Adjustment Coefficient = 1.0
Roof Cross Slope = 1/4" per foot min.
Wall Height = 8'
Risk Category = II
Component and Cladding Pressures = Roof(Zone 1=10.5,-16.0, Zone 2=10.5,-29.0, Zone 3=10.5,-43.0), Wall(Zone 4=18.2,-19.0, Zone 5=18.2,-24.0)(units are psf)

ROOF JOIST ANCHORS:

At Joist to Exterior Wall Locations: install one Simpson model H3 anchor each location

WALL STRAP TIES:

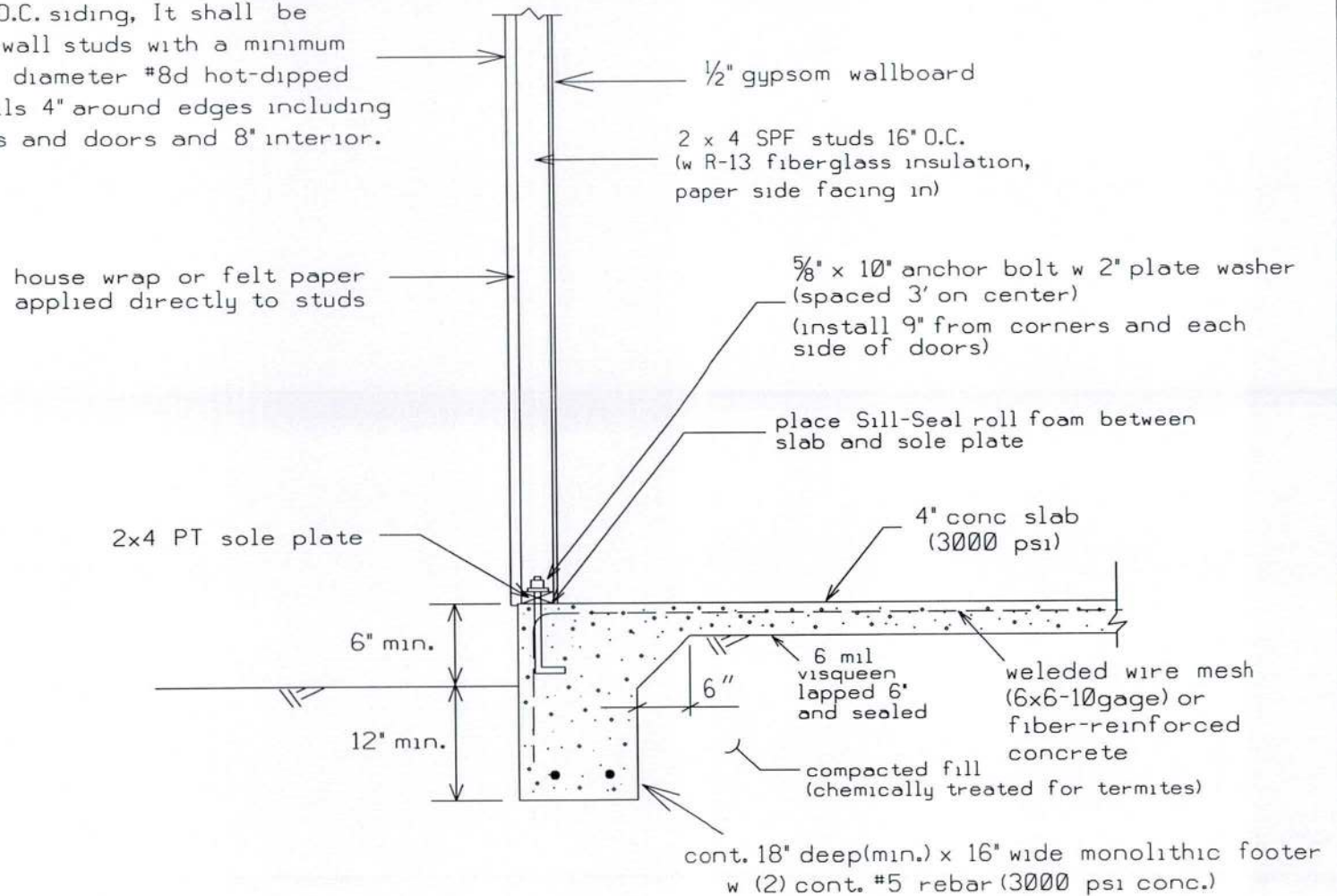
At top and bottom of wall install one Simpson model SP4 at each side of each door and window 4' or less in width. At top and bottom of wall for the 8040FX windows install two Simpson model SP4's each side of opening. At all other locations install one Simpson model SP4 4' on center top and bottom of the wall.

SHEATHING:

Wall sheathing shall be as shown in Detail A.
Roof sheathing shall be as shown in Roof/Ceiling Detail.

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

1 9/32" T1-11 siding applied vertically over house wrap or felt. siding shall be APA rated 16" O.C. siding. It shall be connected to wall studs with a minimum of 0.113 shank diameter #8d hot-dipped galvanized nails 4" around edges including around windows and doors and 8" interior.



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

WINDOW AND DOOR OPENINGS: 2 - #2 SYP 2X12'S w 1/2" plywood or OSB between nailed w 4-12d nails 10" O.C.

SYP = SOUTHERN YELLOW PINE

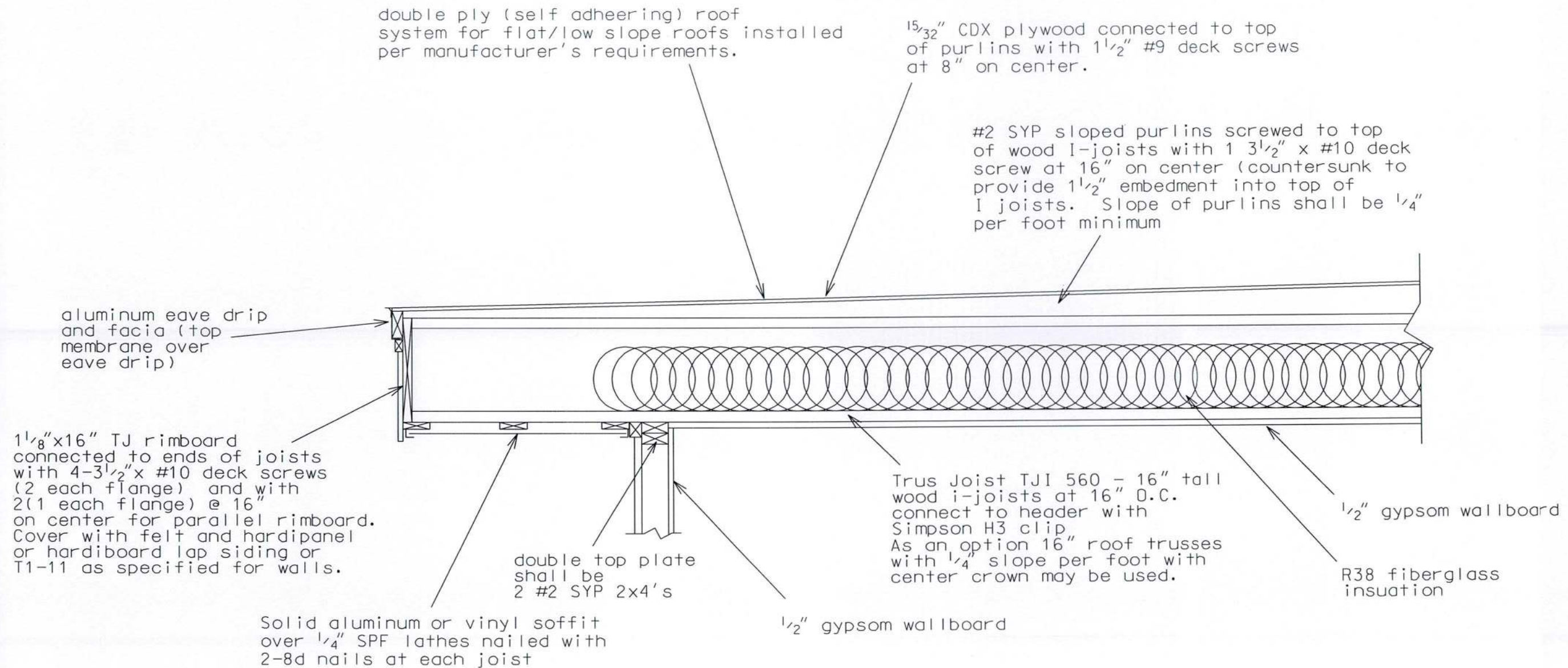
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0 2' 4'
scale

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Note: See sheets 5 & 7 for additional layout, strapping and nailing requirements.

Roof/Ceiling Detail N.T.S.

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#2 - 2x4 SPF 1' wide ladderbox with struts at 2' on center. Connect struts w 2 #10 x 3 1/2" deck screws. Connect ladderbox to rimboard/purlin w 2 #10 by 3 1/2" deck screws 16" on center.

1 1/8" x 16" tall TJ Rimboard

TJI 560 x 16" deep wood I-joist at 16" on center connected to top plate with Simpson H3 clip. As an option 16" roof trusses with 1/4" slope per foot with center crown may be used.

see "Roof/Ceiling Detail"

ROOF FRAMING PLAN

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crown

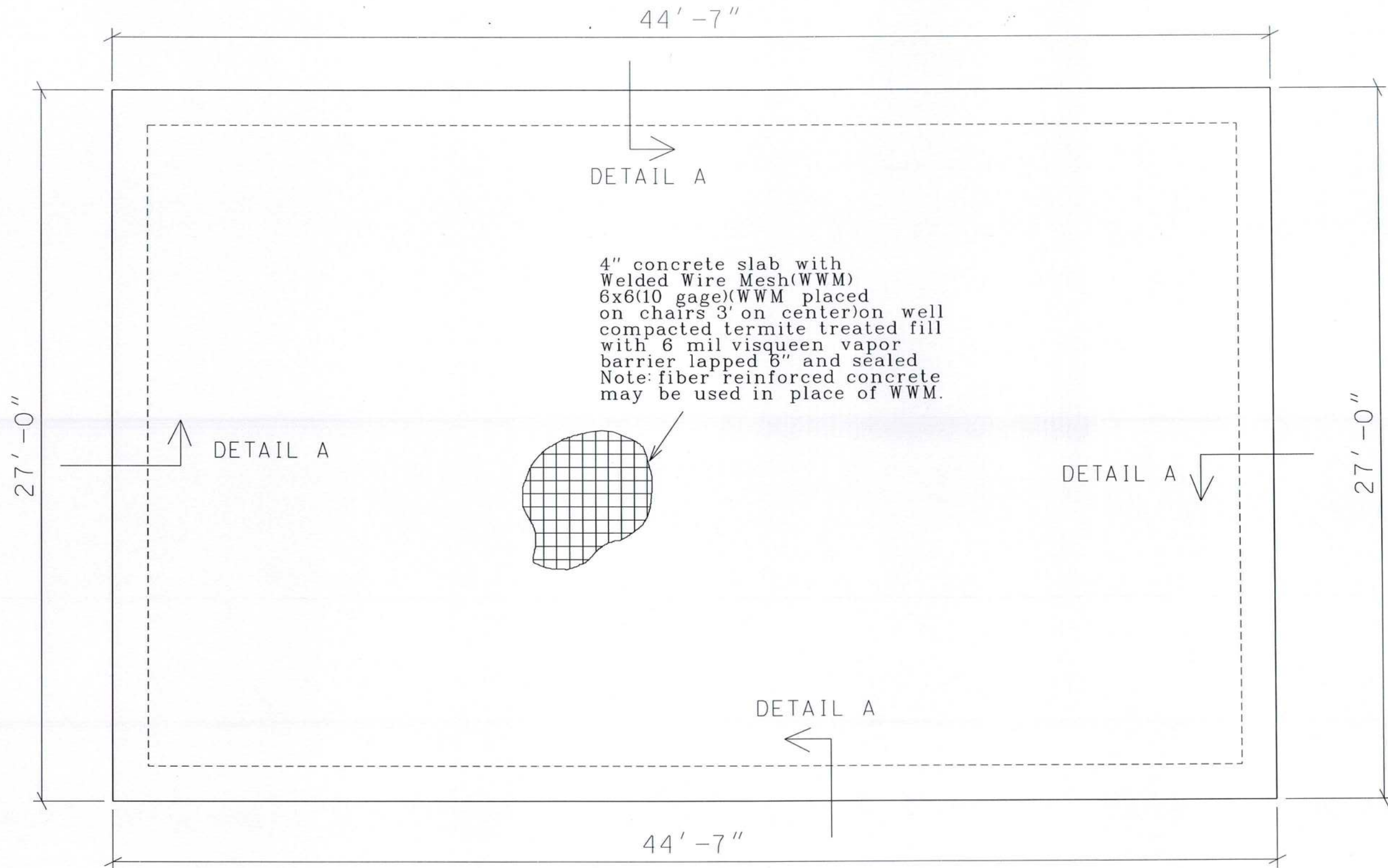
edge of roof

edge of wall

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FOUNDATION PLAN

0 2' 4'
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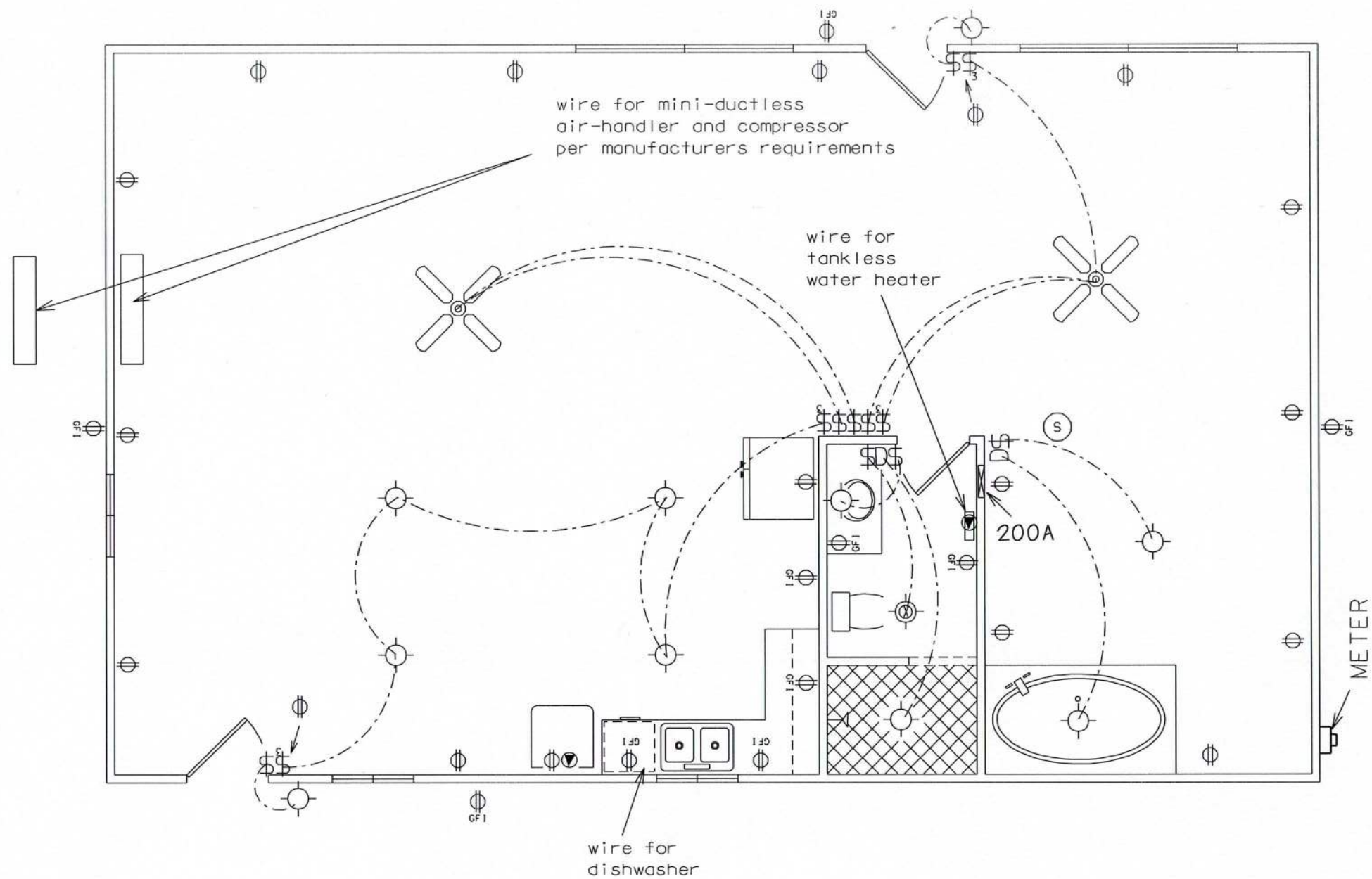
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ELECTRICAL LEGEND

- ✕ - CEILING FAN w LIGHTS
- ⊙ - LIGHT FIXTURE
- \$ - SINGLE POLE SWITCH
- \$₃ - THREE-WAY SWITCH
- D - DIMMER SWITCH
- D₃ - THREE-WAY DIMMER SWITCH
- ⊕ - RECEPT.
- ⊕_{GFI} - GFI RECEPT OR PART OF A GFI CIRCUIT.
- ⊕_{EX} - LIGHT w EXHAUST IN BASE
- ⦿ - 220 V.
- Ⓢ - SMOKE DETECTOR (AC/DC and interconnected)



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.

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ELECTRICAL PLAN (N.T.S.)



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