

FORT WHITE COMMUNITY THRIFT STORE PLANS FORT WHITE, COLUMBIA CO., FLORIDA

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Note: These plans are companion plans to Heritage Building Systems metal building plans for job # 19-B-33112-1.

MJH 5/22
11-28-23



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FORT WHITE COMMUNITY THRIFT STORE
FORT WHITE, COLUMBIA COUNTY, FLORIDA

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GENERAL NOTES

Miscellaneous:

- 1.) All doors in 2 hr fire wall shall have 90 minute fire ratings and shall have automatic closers. All exterior doors shall have automatic closers.
- 2.) All door handles shall be lever type and shall unlock from the inside when turned from the inside.
- 3.) Center of Grab Bars shall be mounted 33-36" above finished floor
- 4.) Dimensions for location of fixtures are from the finished wall. Toilets in handicap stalls shall be ADA compliant.
- 5.) Top of ADA lavatories shall be mounted between 29-34" above the finished floor. Knee clearance under lavatory shall be 27" min. from the floor to the bottom of the lavatory.

Mechanical:

- 1.) HVAC system to be designed by others. Each unit shall have a fresh air intake per code.
- 2.) Each air handler shall have a duct smoke detector installed at unit in return duct that once activated shuts down the HVAC unit. A visual and audible alarm shall be installed for each detector.
- 3.) Food warming stove in break room shall have a metal hood exhausting to the outside.

Structural:

- 1.) Wind loads are based on 130 mph wind speed in Exposure Category "B", in accordance with 2020 Florida Building Code and Amendments.
- 2.) All structural concrete shall be f'c-3000 psi strength concrete minimum.
- 3.) All reinforcing steel shall be grade 60 and shall be lapped a minimum of 25".
- 4.) Anchor bolts shall be A307 steel and shall be 18" in length with a 6" bend and shall be the diameter as shown in the metal building plans.
- 5.) Anchor bolts shall be placed in accordance with the steel building plans.
- 6.) Contractor shall field verify metal building dimensions prior to constructing foundation. In the event actual metal building dimensions differs from metal building plans contact engineer for evaluation/redesign before proceeding with foundation work.

Subgrade/Compaction Requirements:

- 1.) Remove all vegetation, debris, stumps etc.. from slab/foundation area.
- 2.) All fill placed shall be clean sand fill, free of organic material, large rocks or debris.
- 3.) All fill placed shall be well compacted to 95% modified proctor and shall be placed in lifts not to exceed 6" in thickness.
- 4.) Minimum capacity of soil shall be 2000 psf.

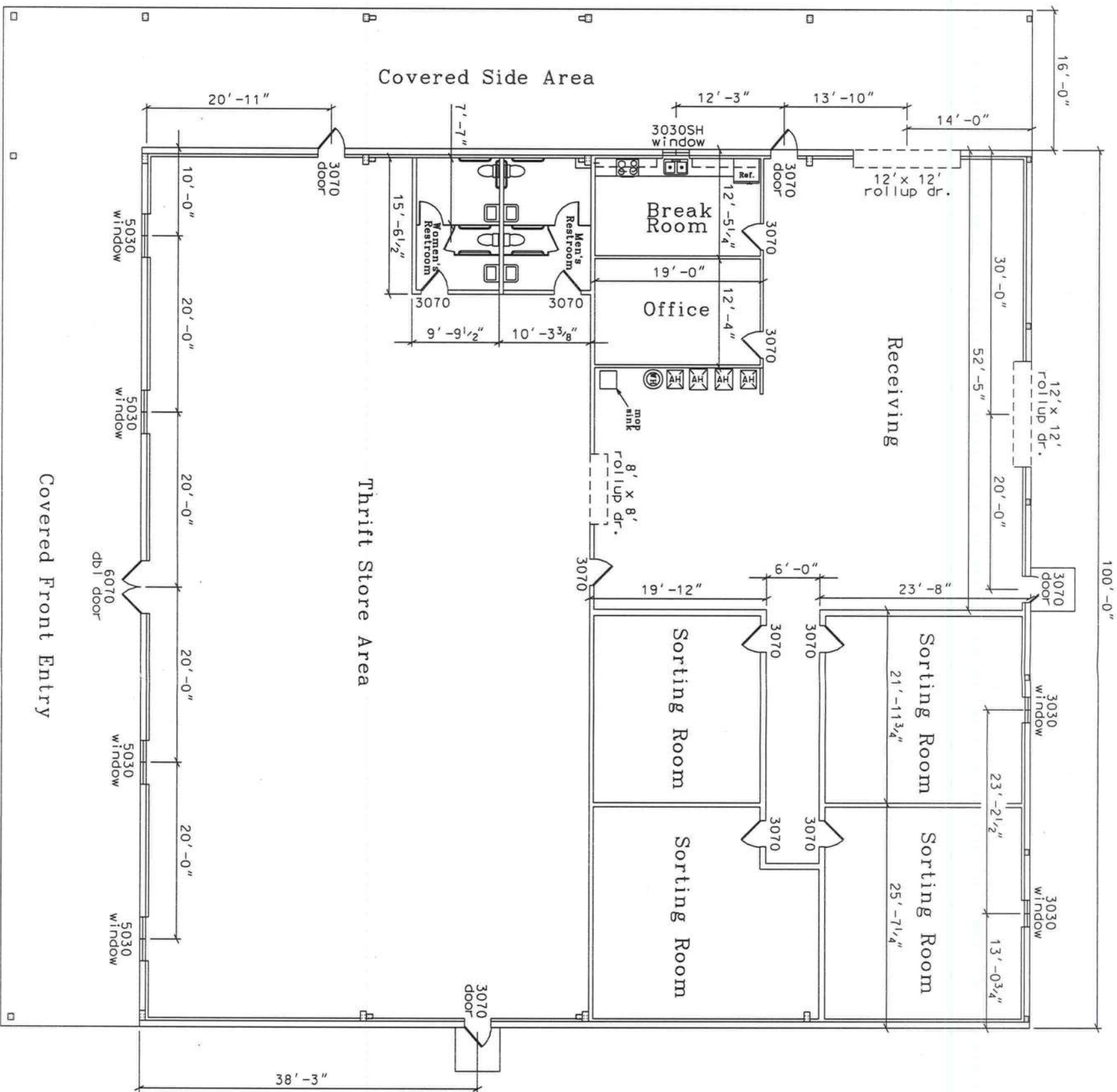


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FLOOR PLAN

0 7' 14'
scale

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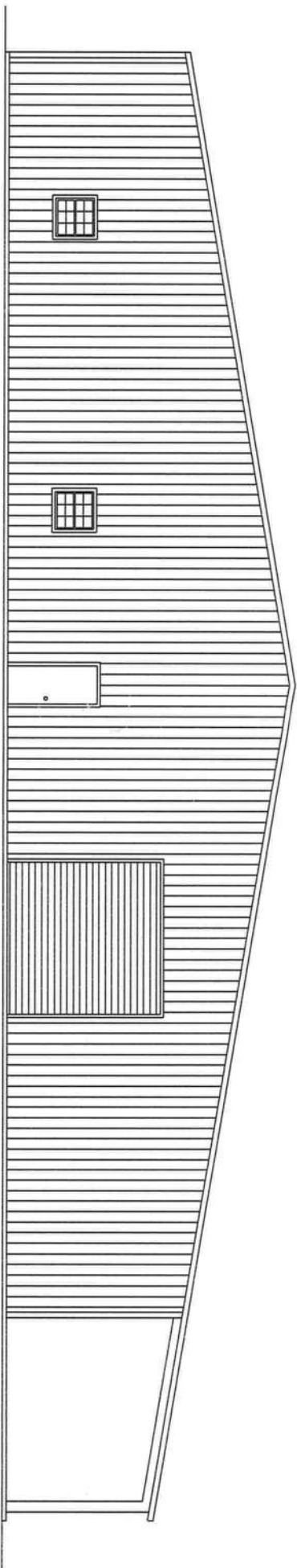
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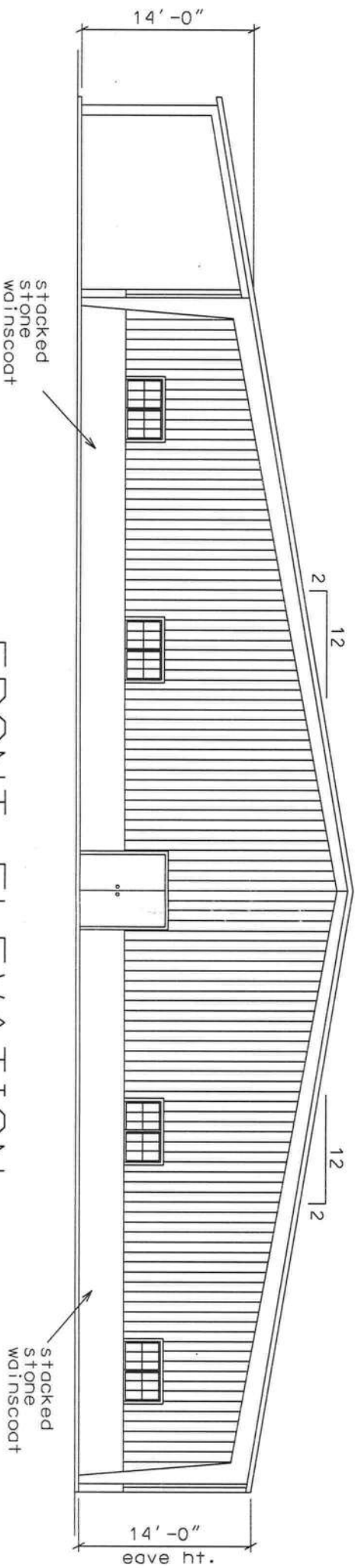


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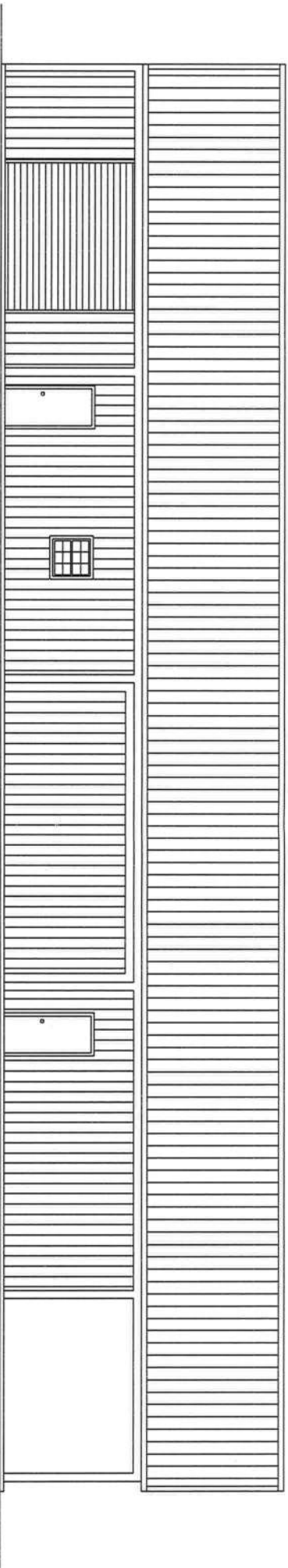


REAR ELEVATION

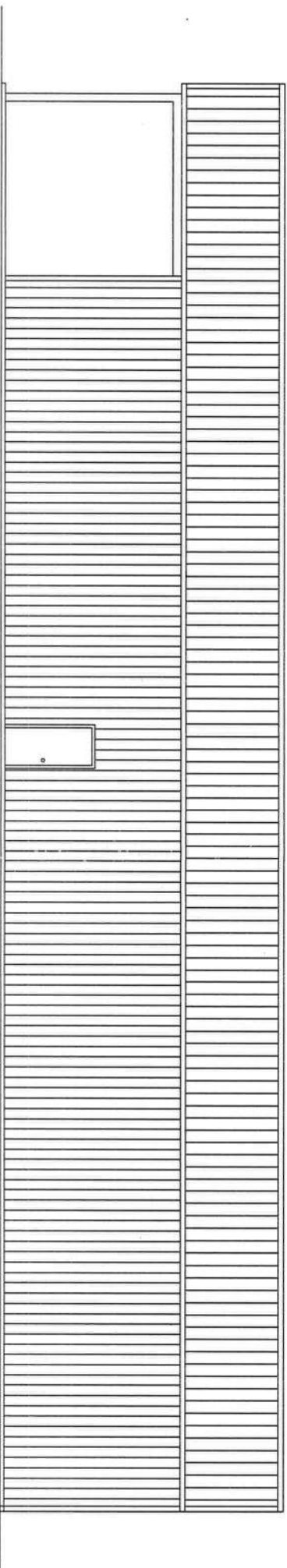


FRONT ELEVATION

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11-28-23



LEFT ELEVATION



RIGHT ELEVATION

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11-28-23



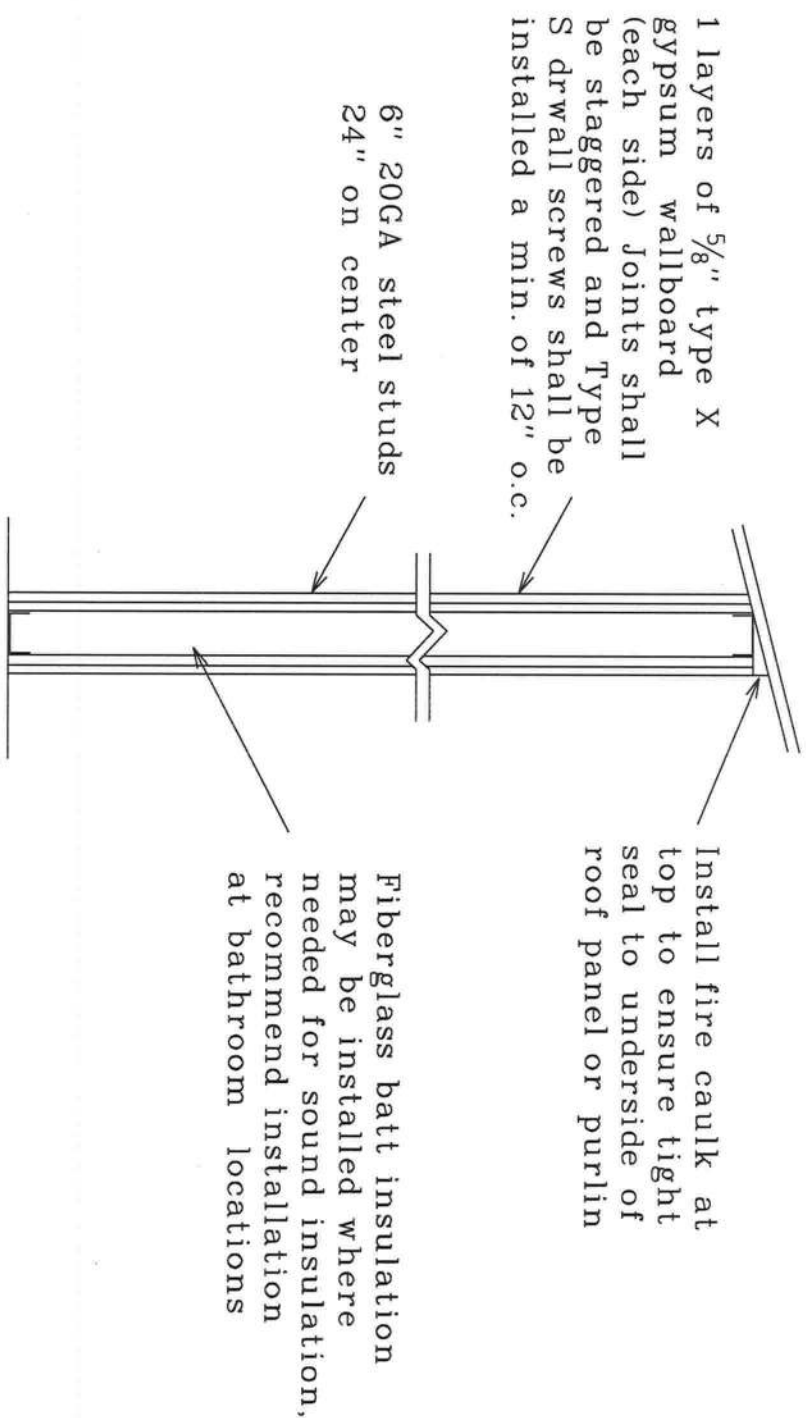
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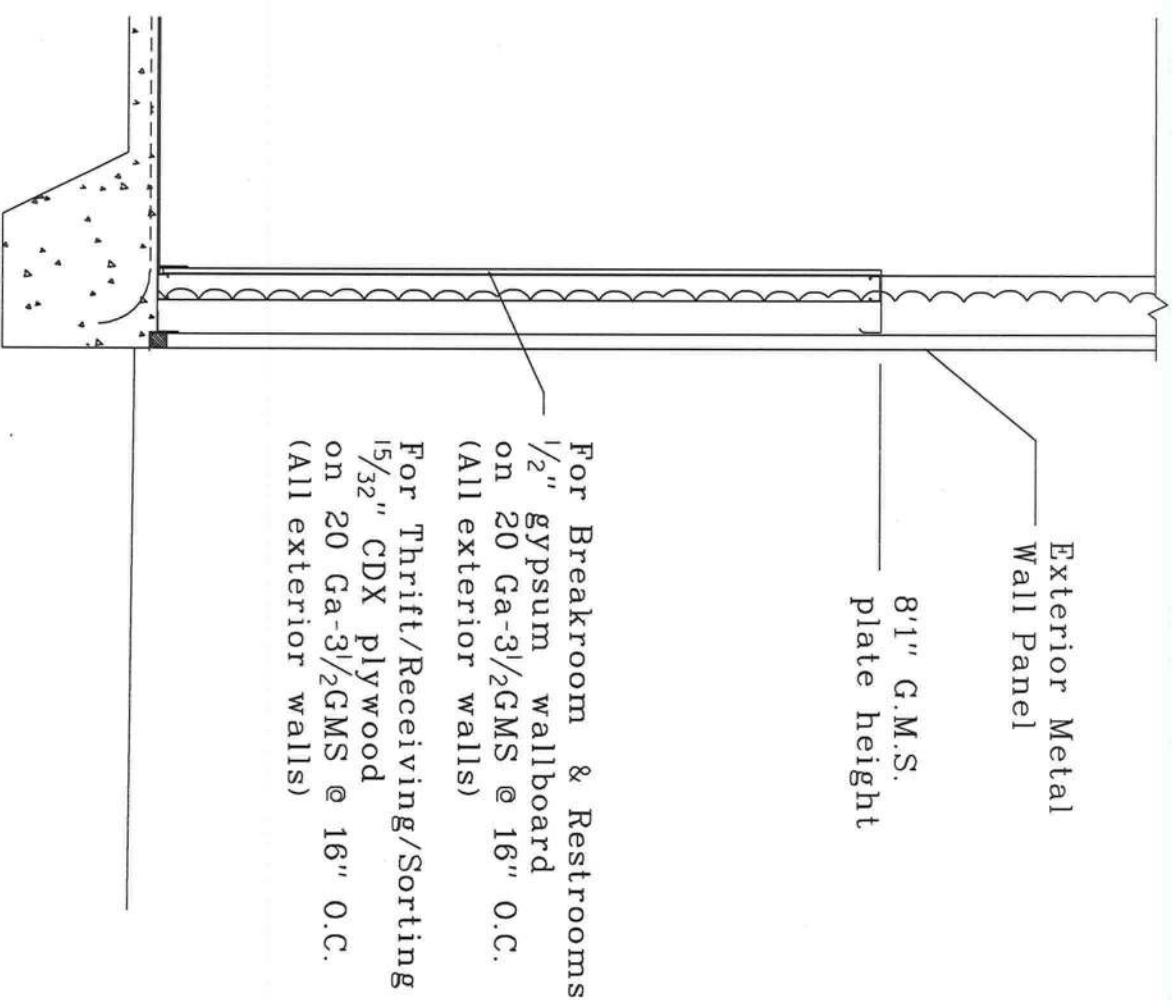


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Center wall between
Thrift Store and Receiving



Exterior Wall Detail



MJB 52
11-28-23

*2 SYP 2x10's 16" on center
w 5/8" type 'X' gypsum wallboard
on ceiling of restroom and 1/2" OSB
with 5/8" type 'X' wallboard on top
of ceiling joists. Install *2 SYP
2x10 rim joist with 2 layers of
5/8" type 'X' gypsum wallboard
covering.

Breakroom/Restroom/Office Areas

5/8" type 'X' gypsum wallboard (each side)
on 18 Ga - 3/2 GMS @ 16" O.C.
with R13 fiberglass insulation

BREAKROOM/OFFICE/RESTROOM INTERIOR WALL SECTION (N.T.S.)

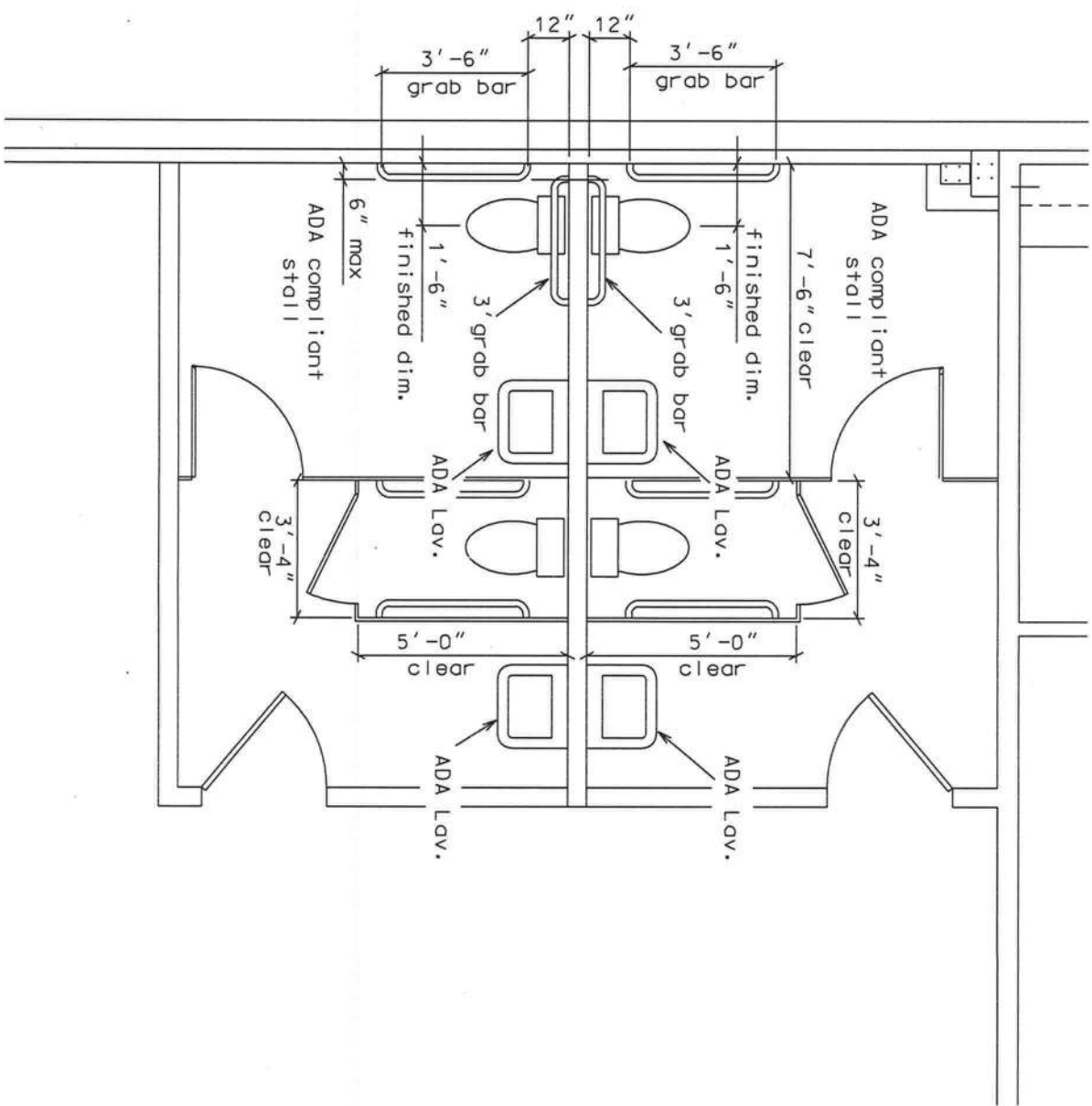
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RESTROOM LAYOUT (N.T.S.)

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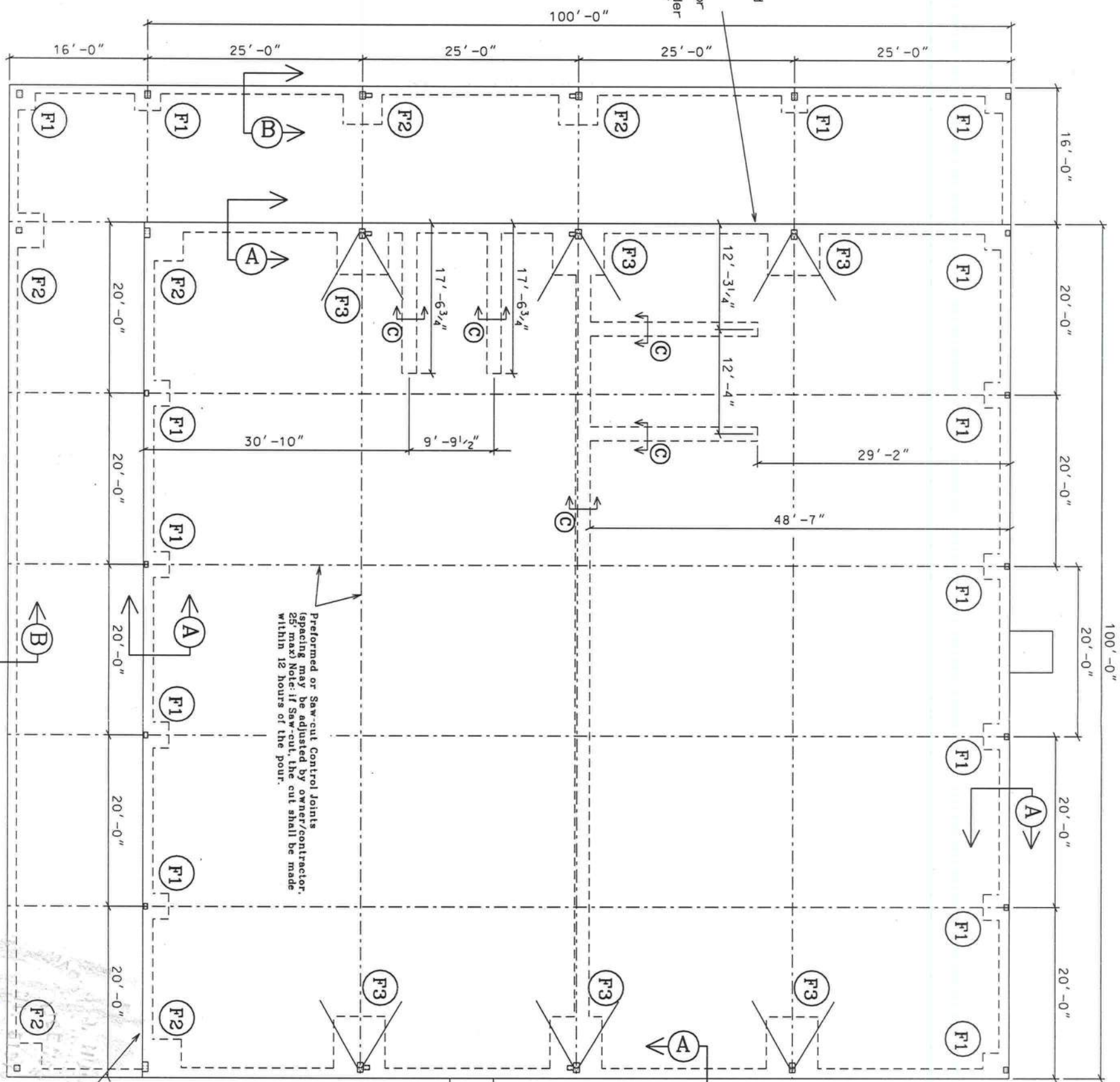


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Ms 521





Porch shall be dropped 2 1/2' below finished floor elevation of enclosed area. Slope of building to exterior columns and form 1 1/2' concrete pedestals under steel base of exterior columns.

Preformed or Saw-cut Control Joints (spacing may be adjusted by owner/contractor, 25' max) Note: if Saw-cut, the cut shall be made within 12 hours of the pour.

NOTE: Thicken edge of 5x5' concrete pads to 8" thick.

Porch shall be dropped 2 1/2' below finished floor elevation of enclosed area. Slope of building to exterior columns and form 1 1/2' concrete pedestals under steel base of exterior columns.

FOUNDATION PLAN

0 7' 14' SCALE

See metal building and anchor bolt plans for Heritage building for additional details and requirements.

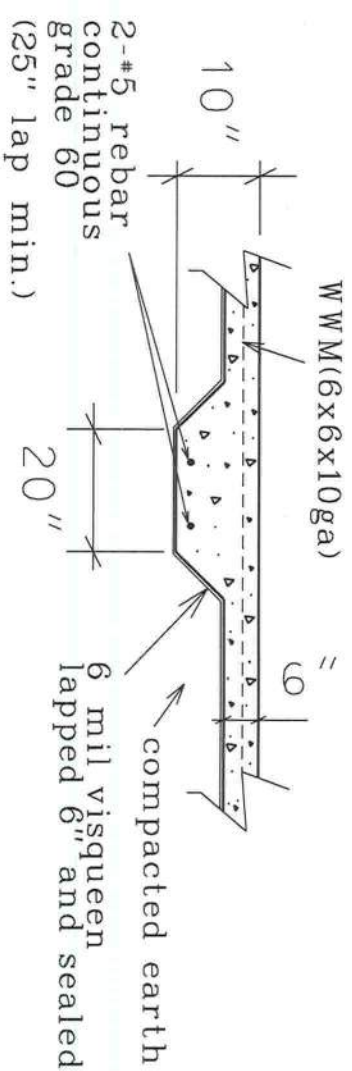
MJH 5/21
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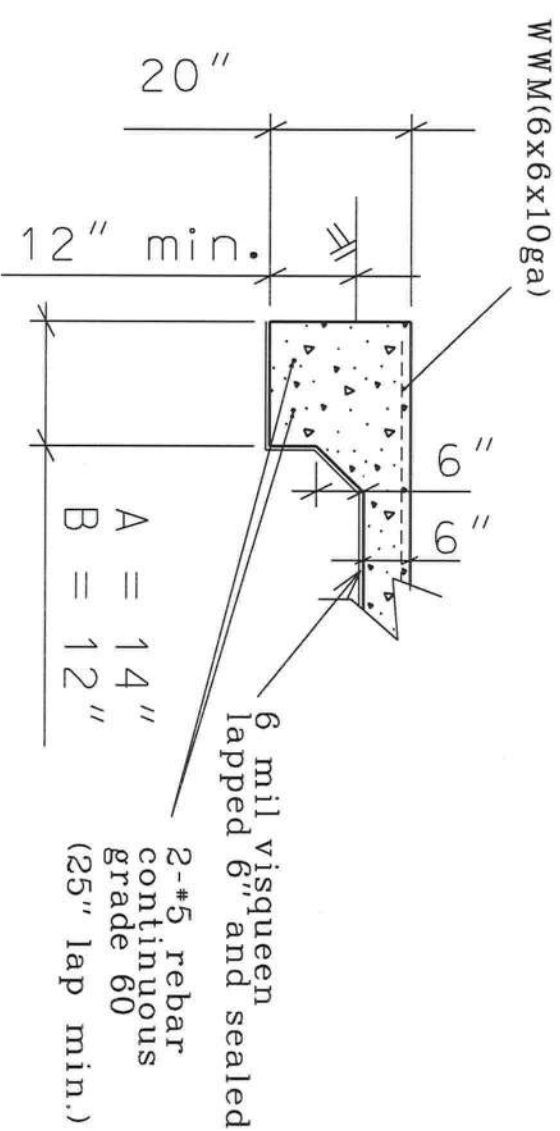
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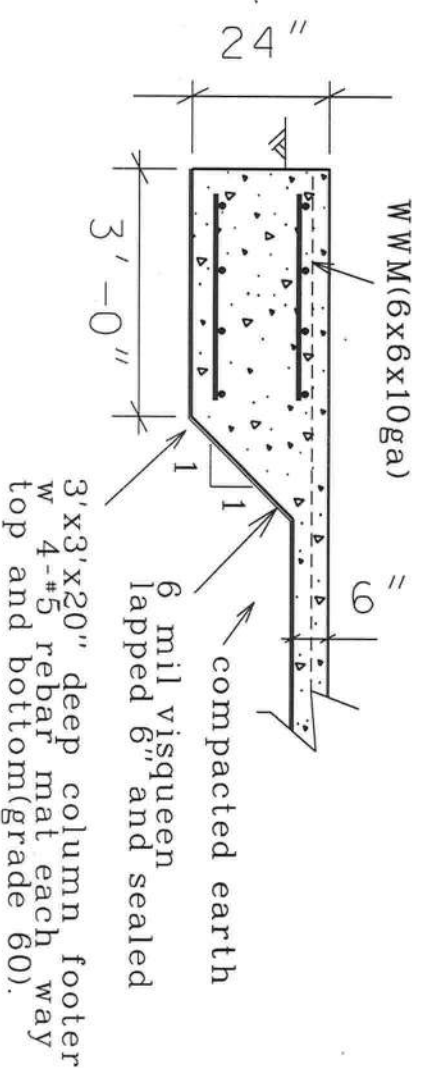
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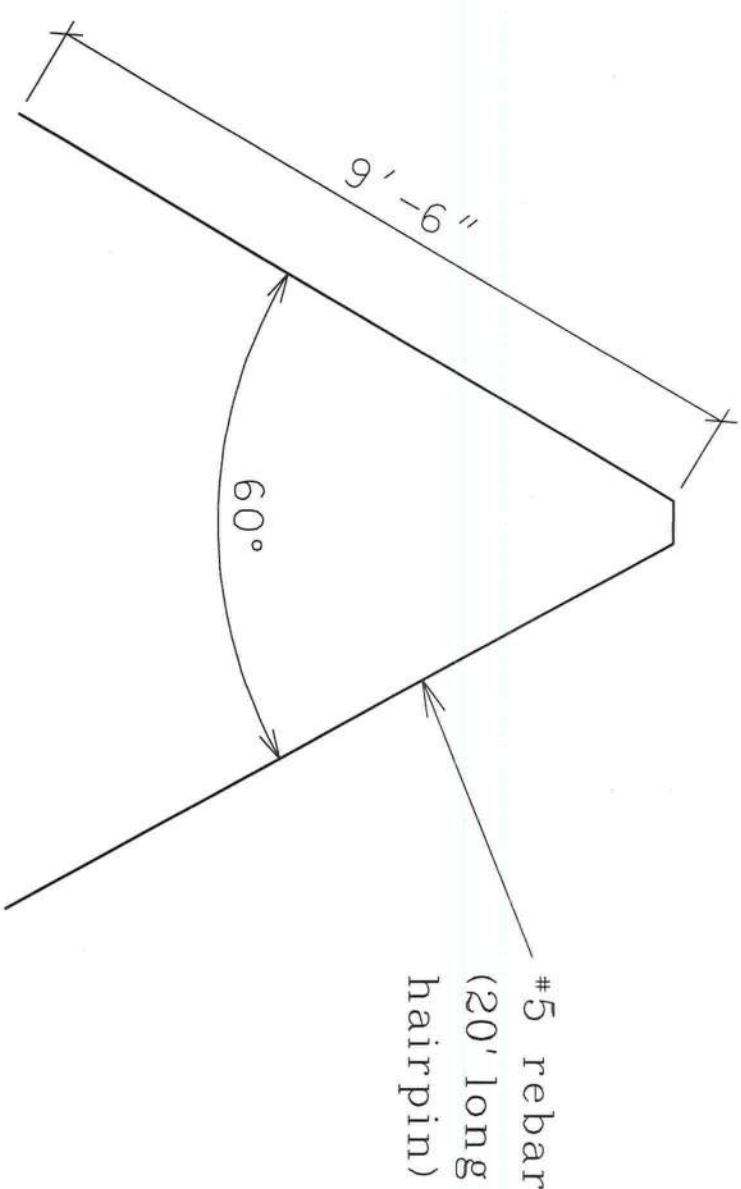
FOOTER SECTION (C) (N.T.S.)



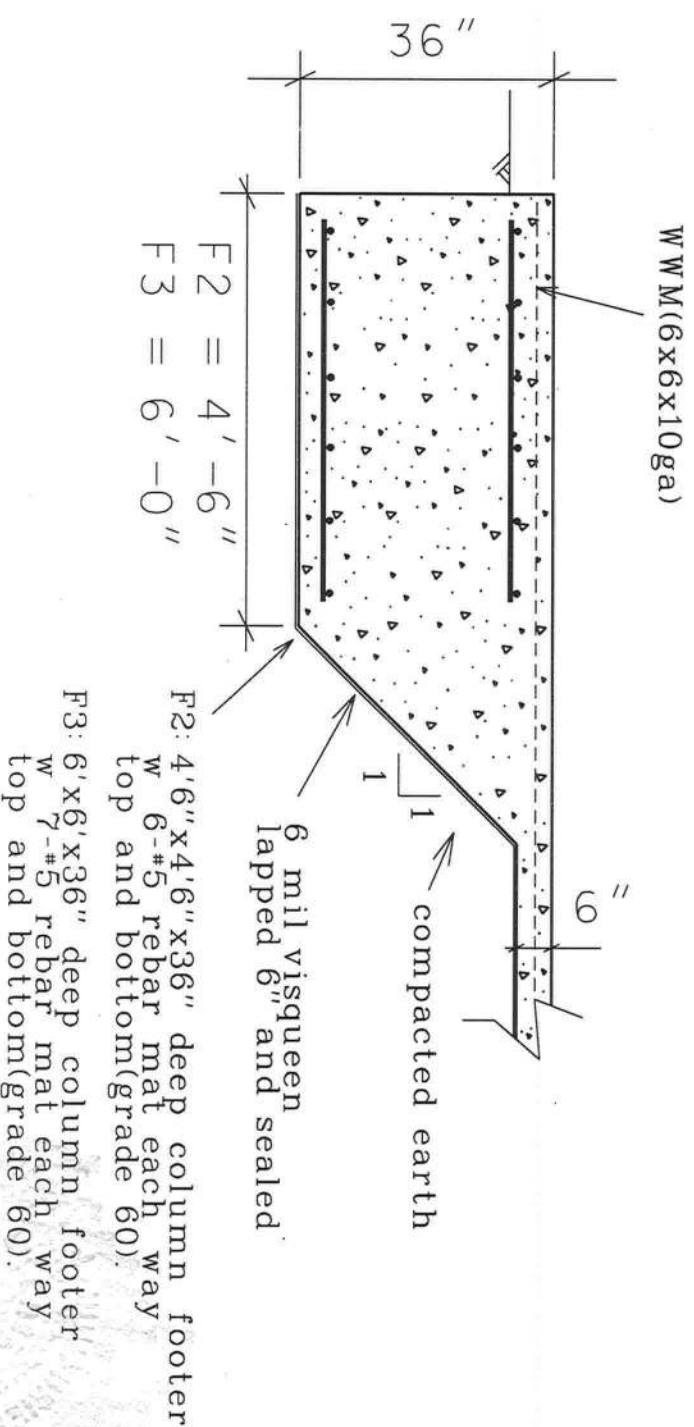
FOOTER SECTION (A) & (B) (N.T.S.)



FOOTER (F1) (N.T.S.)



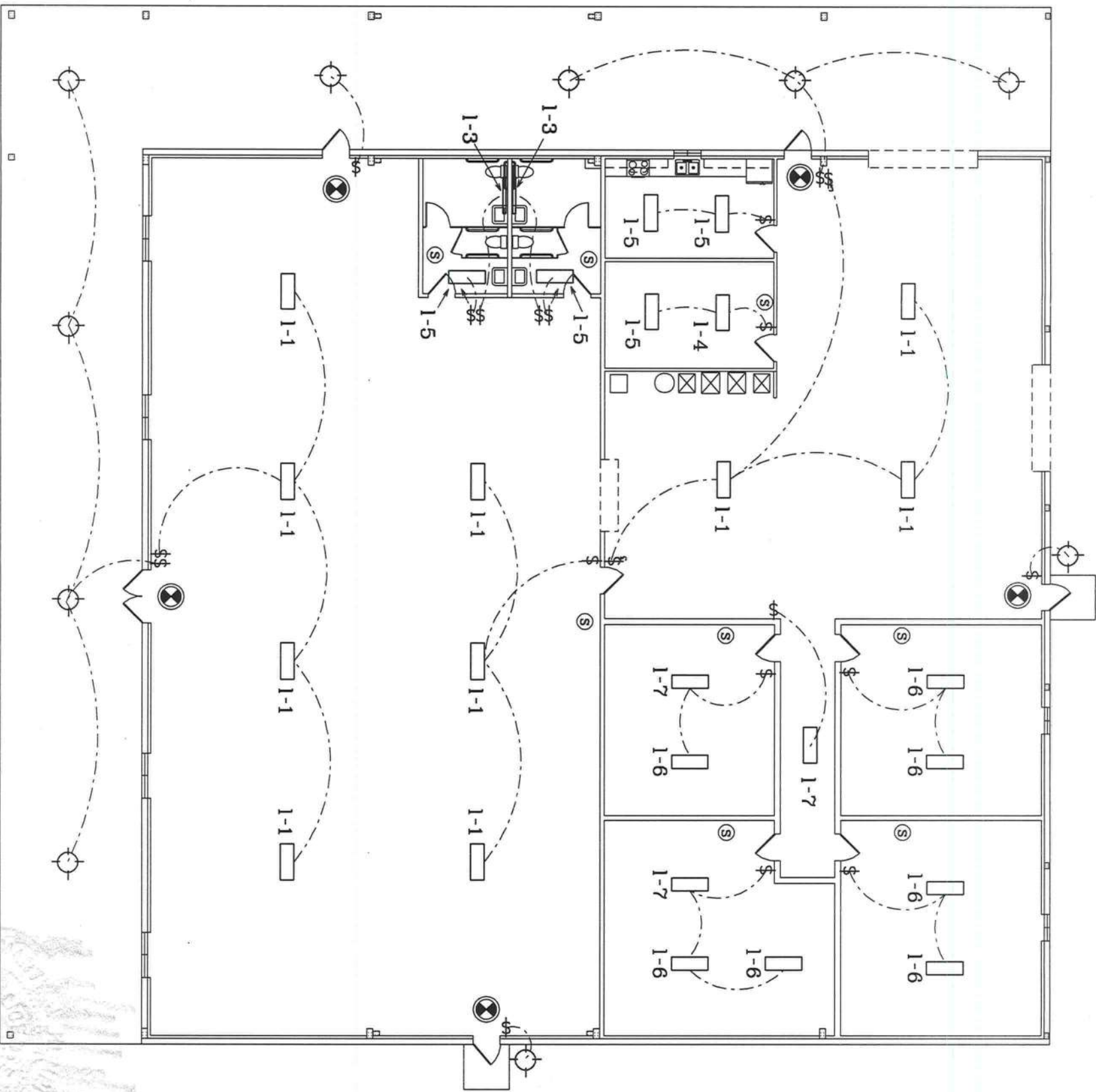
HAIRPIN DETAIL (N.T.S.)



FOOTER (F2) & (F3) (N.T.S.)

MJH
11-28-23

	lighting fixture schedule
1-1	lithonia 454lwds highway fluorescent highway light fixture (wide distribution with no uplight (3/2) mounted as close to ceiling as possible, mount using chain or cable mounts and hardware electrical. (or equivalent light)
1-2	exterior grade light fixture
1-3	fluorescent or LEDlight(wall mounted)
1-4	recessed fluorescent or LED light
1-5	recessed fluorescent or LED light (w emergency battery pack)
1-6	hanging fluorescent or LED light
1-7	hanging fluorescent or LED light (w emergency battery pack)
⊗	emergency "Exit" sign with Emergency lights (two light heads with chargeable battery)
Ⓢ	Smoke Detector/Alarm (AC/DC with interconnect)



Lighting Plan

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electrical legend

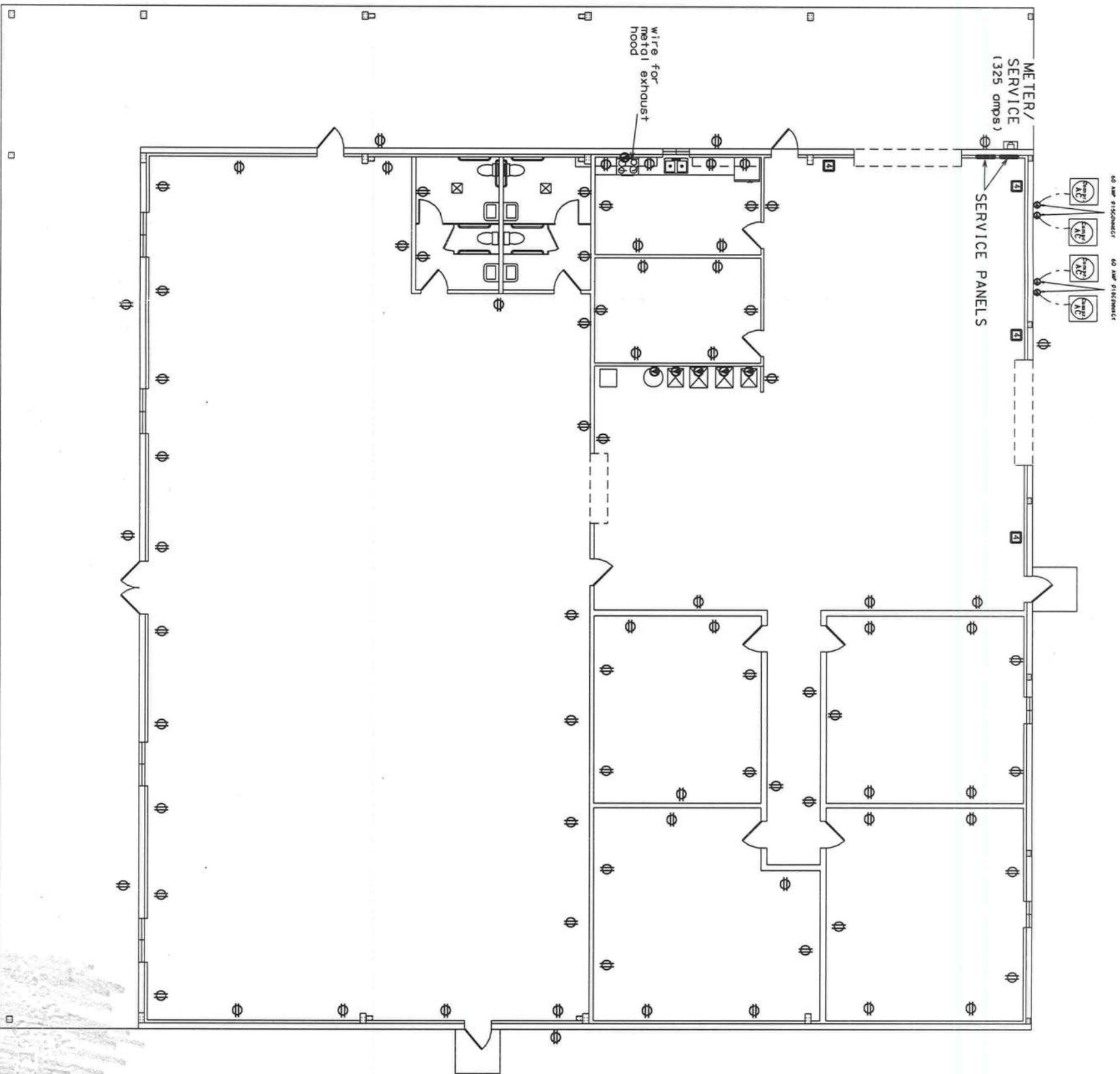
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- double duplex receptacles
- ⌀

- duplex receptacle
- ⦿

- 220 volts
- ⊠

- COOK model GC-140 series ceiling mounted exhaust fan, exhaust shall be insulated metal duct and shall exhaust above roof, provide hood to match roof panels (or equivalent capacity model)



Power Plan

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11-28-23



3-2/0 copper wires, 2"C
w 1-#2 ground wire

325A, 1Φ, 3W
METER & SOCKET

PANEL "1"
200A M.L.O.,
120/208V,
1Φ, 3W

PANEL "2"
125A M.L.O.,
120/208V,
1Φ, 3W

3-#2 copper wires, 1 1/2"C
w 1-#2 ground wire

#2 ground wire connected
to 5/8"x 8' tall Copper Weld Ground
Rod and Clamp driven just below
grade

SERVICE CABLE
FROM TRANSFORMER

BOND TO FOUNDATION REINFORCEMENT AND
METAL WATER PIPING (IF USED).

POWER RISER DIAGRAM (for 325Amp Service)

ELECTRICAL NOTES

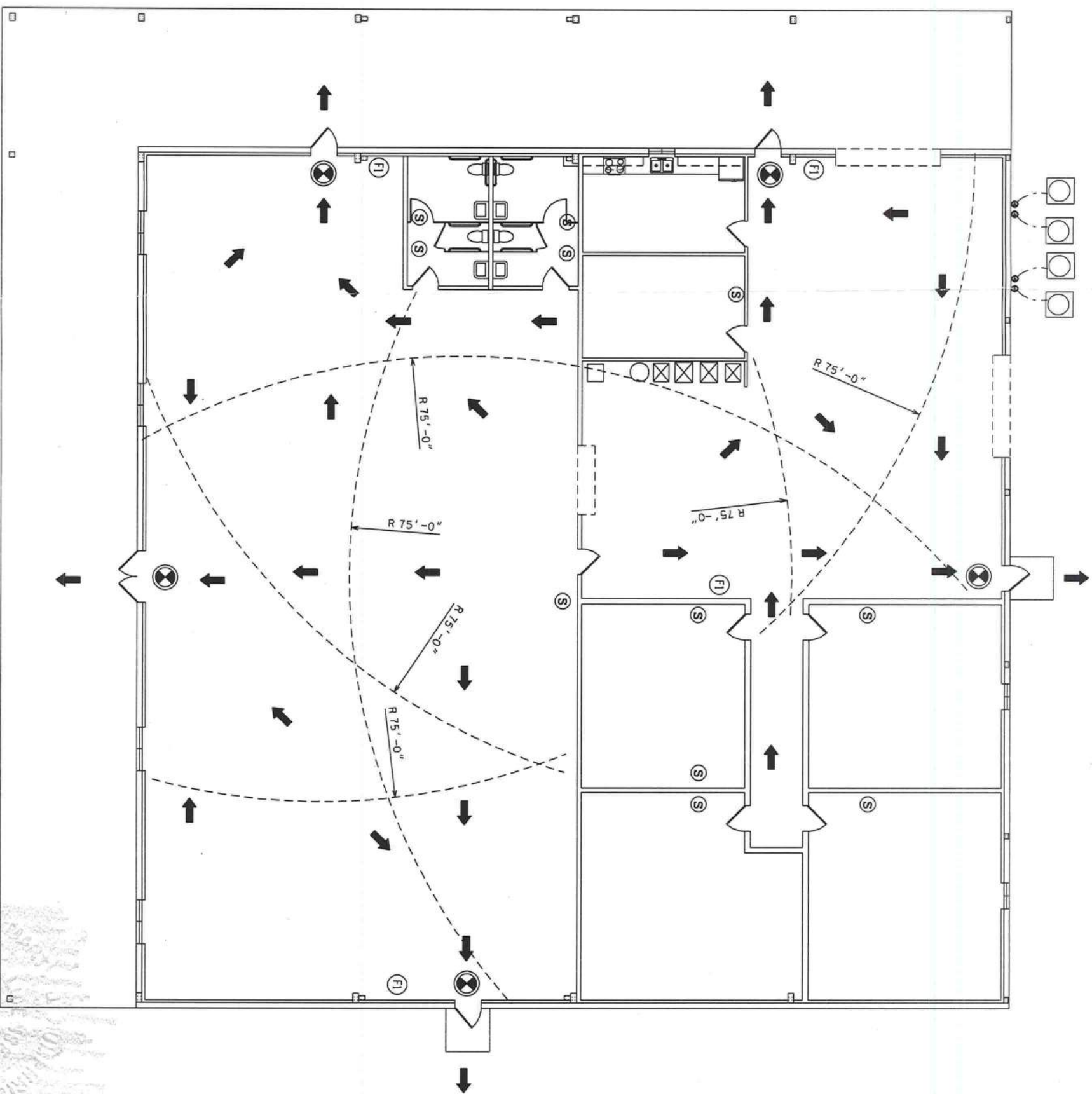
- 1.) ALL ELECTRICAL WORK SHALL BE IN ACCORDANCE WITH THE NEC, NFPA AND THE 2020 FLORIDA BUILDING CODE AND AMENDMENTS.
- 2.) ELECTRICAL CONTRACTOR SHALL BALANCE LOADING OF EACH SERVICE PANEL. NO MORE THAN 2-DOUBLE DUPLEX BOXES SHALL BE INSTALLED PER 20 AMP CIRCUIT.
- 3.) EXTERIOR RECEPTACLES SHALL BE GFI AND WEATHERPROOF.
- 4.) ALL COUNTER-TOP RECEPTACLES AND THOSE EXPOSED AND WITHIN 6' OF WATER IN THE BREAKROOM SHALL BE GFI OR PART OF A GFI CIRCUIT. ALL RESTROOM RECEPTACLES SHALL BE GFI OR PART OF A GFI CIRCUIT.
- 5.) RESTROOM EXHAUST FAN SHALL BE CONNECTED TO MAIN LIGHT SWITCH.
- 6.) ALL CIRCUITS SHALL BE LABELLED IN PANELS.
- 7.) ALL FIXTURES SHALL BE INSTALLED WITH BULBS.

- (S) — Smoke Detector/Alarm (AC/DC with interconnect)
- ⊗ — emergency "Exit" sign with Emergency lights (two light heads with chargeable battery)
- (FI) — ABC Fire Extinguisher (4A-60BC) (inspected by licensed company yearly)

Note: See lighting plan for location of lights with emergency backup power.

PROJECT INFORMATION/DATA

Occupancy - Mercantile M
 Type of Construction - IIIB
 Building is Unsprinklered (less than 12,000 sf)
 Building is Single Story
 Ceiling Height Above Finished Floor - 14'
 Building Area - 10,000



Life Safety Plan

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