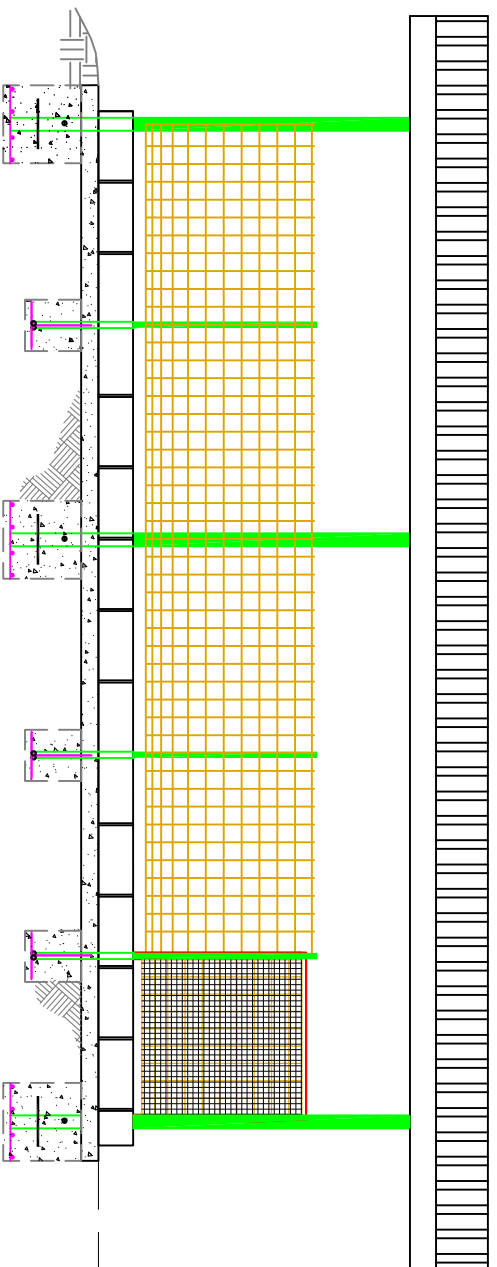


AS-EPA 2 PEN MODIFIED DRY-LITTER PIGGERY DESIGN

CLIENT: _____

VILLAGE: _____



This dry litter piggery design has been approved by the American Samoa Environmental Protection Agency on _____ (Date) _____.

GENERAL CONDITIONS

- AS-EPA must be notified at least one week before construction activity begins. A pre-construction meeting on-site with AS-EPA is required before any construction starts. To schedule a pre-construction meeting, contact the AS-EPA Water Program @ 633-2304.
- AS-EPA must be notified when construction is complete. A final walk-thru inspection must be conducted by AS-EPA before pigs can be placed in the new piggery.

DRY LITTER DESIGN NOTES

- All pen floors must be concrete. The roof must extend at least 2-feet beyond all compost bins and pig pens.
- New hog panel walls must be reinforced as indicated on construction drawings. New concrete slabs must be a minimum of 4 inches in thickness reinforced with mesh wire.
- All concrete must be 3000 psi.
- Concrete columns can be used instead of galvanized 3-inch tubing as indicated on construction drawings.
- It is recommended that all galvanized members be painted with anti-corrosive paint.
- Water nipples should be attached to hog panels 2-feet from the dry litter alley. Water nipples must be attached using galvanized fittings and must connect to a pressurized water source.

DRY LITTER OPERATIONAL NOTES

- This is a dry system. Water must never be used to clean pens.
- A carbon source such as wood chips must be added to each pen on a regular basis to absorb moisture and control odors.
- Waste must be shoveled periodically and out of the dry litter pen and into the compost bins.
- Composting waste must be rotated between the composting bins every two weeks to allow for proper aeration.
- Compost bins must be kept dry.
- All pens must use a water nipple to supply water to the animals

NRCS STANDARDS & SPECIFICATIONS NOTES

Construction shall comply with the American Samoa EFOTG website (http://efotg.nrcs.usda.gov/efotg_locator.aspx?map=PB) standard and specifications for each of the following practices:

1. Waste Treatment, Practice 629
2. Composting Facility, Practice 317
3. Manure Transfer, Practice 634
4. Roof Runoff Structure, Practice 558
5. Heavy Use Area Protection, Practice 561

DRAWING LIST

Sheet 1: Title Sheet & Site Plan

Sheet 2: Building Profiles

Sheet 3: Side View & Details

SITE COORDINATES

LAT: _____

LDG: _____

1 SITE PLAN
NTS

SHEET NO:
1

DATE:	REVISION:

DRAWN BY:	B.R.
CHECKED BY:	M.V.
PROJECT MGR:	



PROJECT:
ENGINEERING DESIGNS FUNDED BY
ANA GRANT "PIGS IN PARADISE"

SHEET TITLE:
TITLE SHEET

CLIENT:

SCALE:	
AS SHOWN	
CASE NO.	
DATE:	
SHEET NO.	
1 OF 3	

DATE:	REVISION:

DRAWN BY: B.R.
 CHECKED BY: M.V.
 PROJECT MGR:

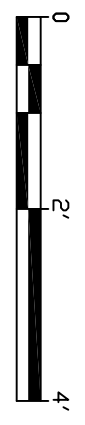
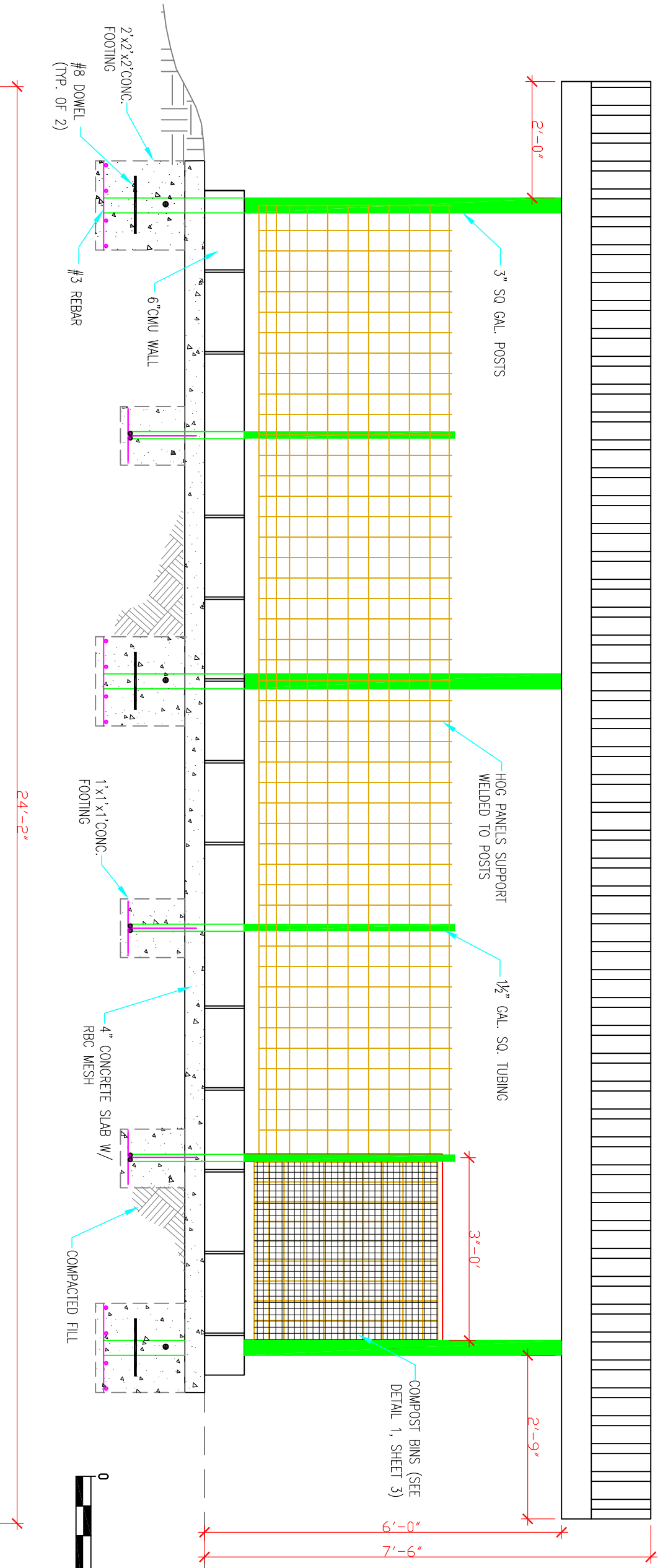


PROJECT: ENGINEERING DESIGNS FUNDED BY ANA GRANT "PIGS IN PARADISE"

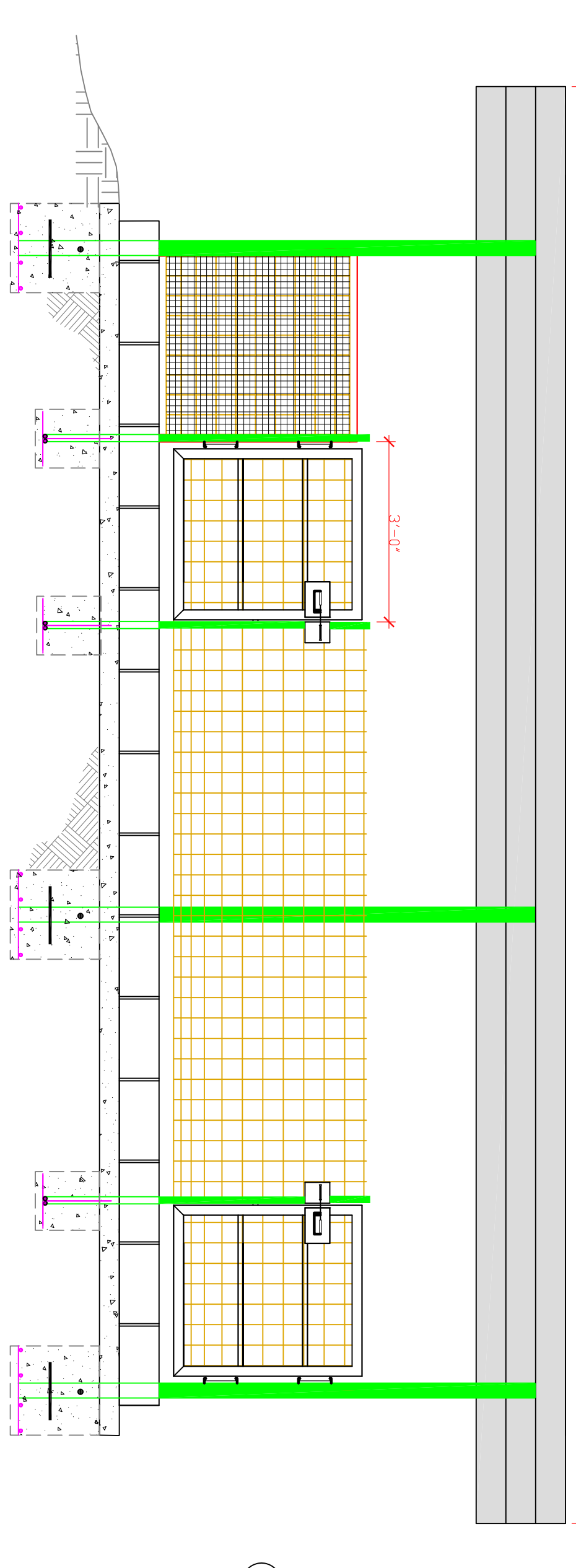
SHEET TITLE: BUILDING PROFILES

CLIENT:
SCALE:
AS SHOWN
FILE NO.
DATE:
SHEET NO.

1 FRONT VIEW
 Scale: 1/2" = 1'



2 REAR VIEW
 Scale: 1/2" = 1'



DATE	REVISION

DRAWN BY:	B.R.
CHECKED BY:	M.V.
PROJECT MGR:	



PROJECT: ENGINEERING DESIGNS FUNDED BY ANA GRANT "PIGS IN PARADISE"

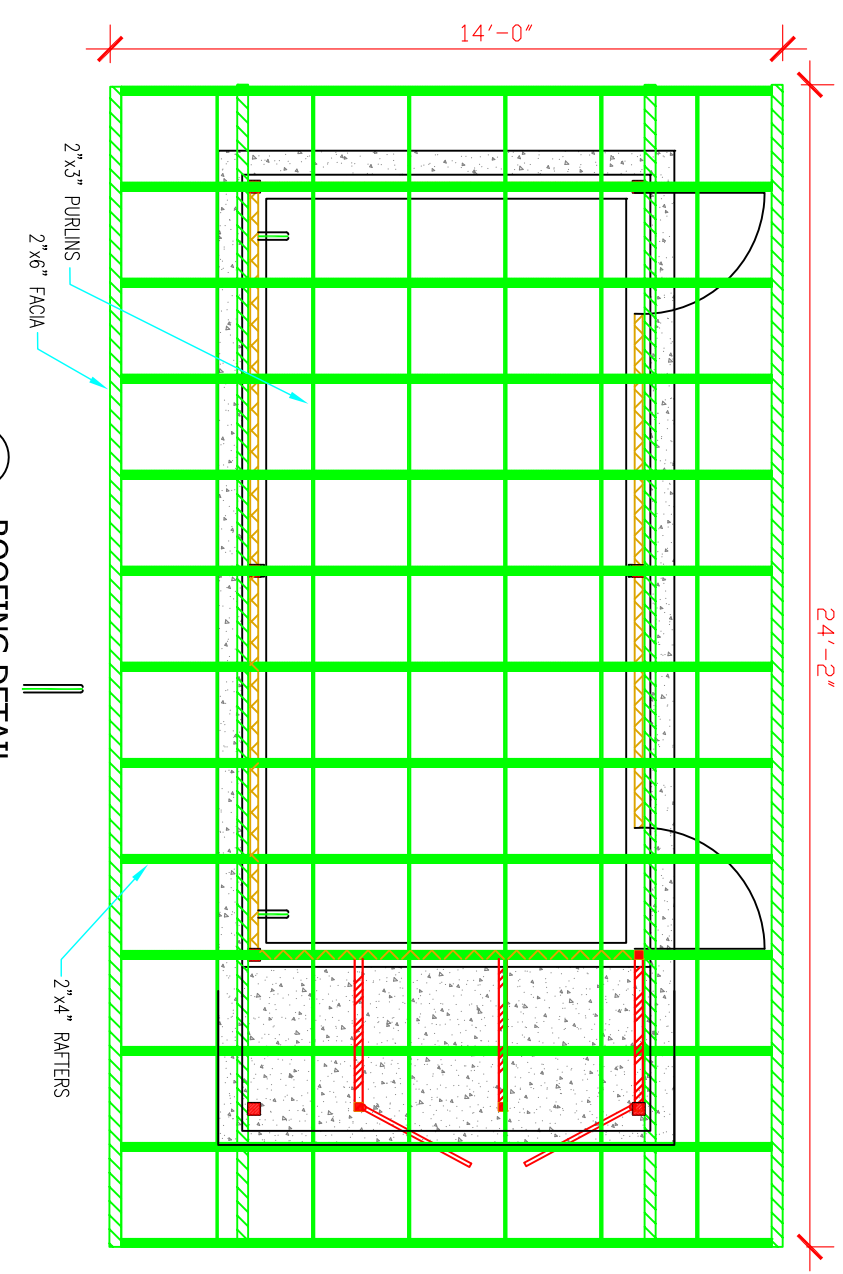
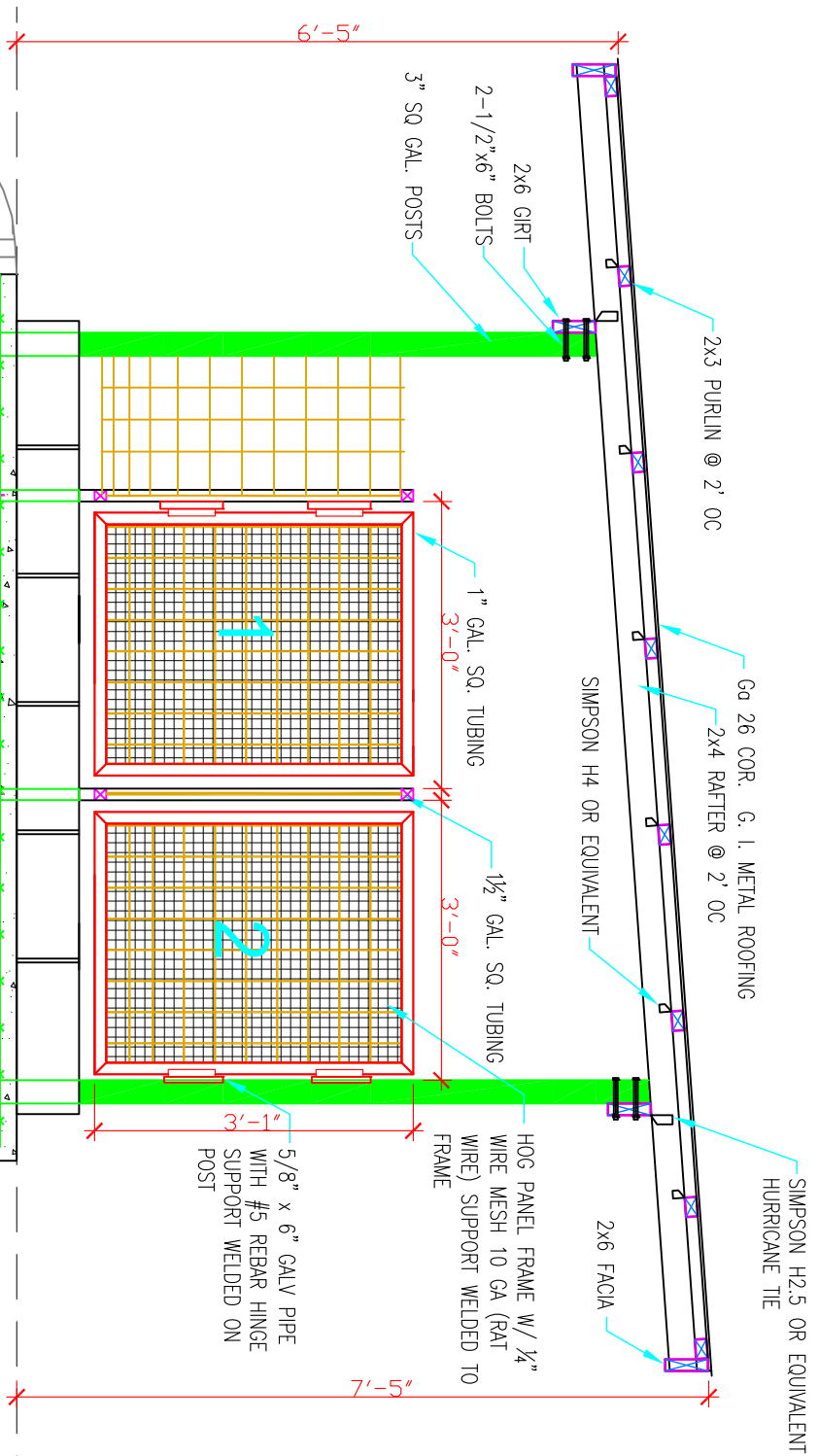
SHEET TITLE: **BUILDING DETAILS**

CLIENT:

SCALE: **AS SHOWN**

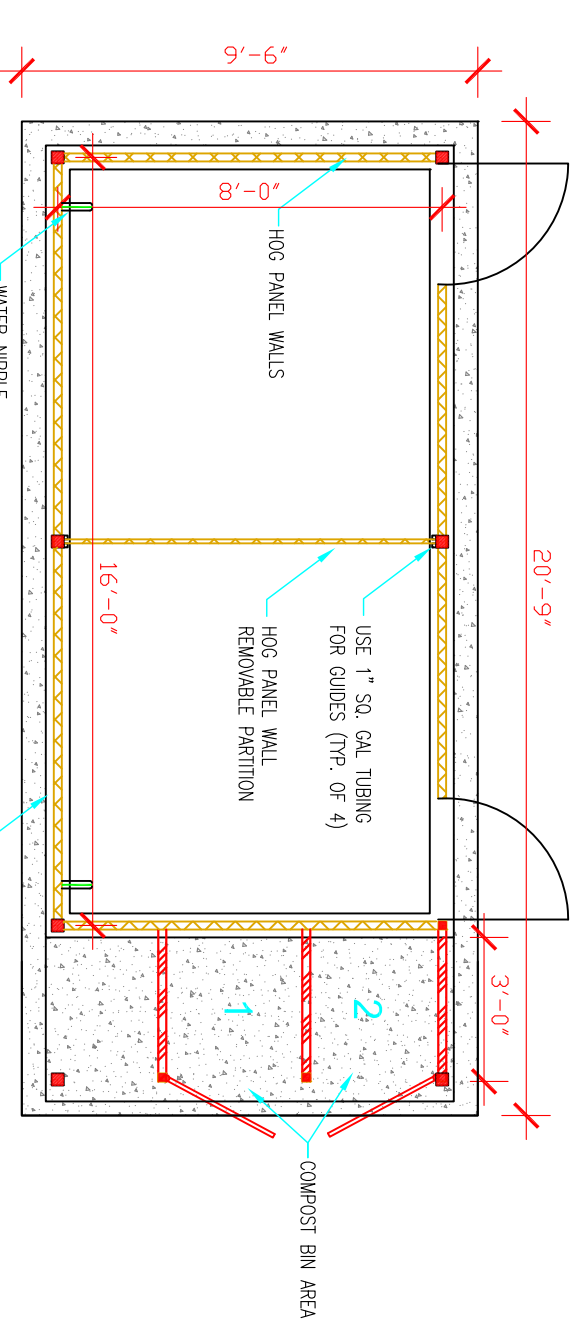
DATE:

SHEET NO. **3 OF 3**

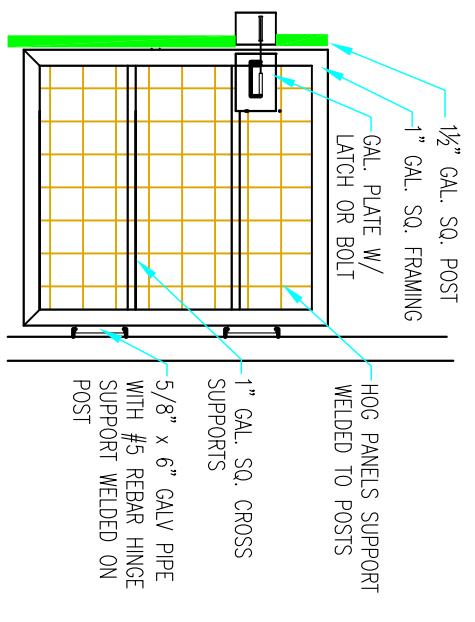


1 RIGHT SIDE VIEW & COMPOST BIN DETAIL
1/2"=1'

5 ROOFING DETAIL
1/4"=1'



2 FLOOR PLAN
1/4"=1'



3 GATE DETAIL
1/2"=1'

4 WATER SUPPLY SCHEMATIC
NTS

