RevPad™
by Mr. Good Container Homes

Container Duplex

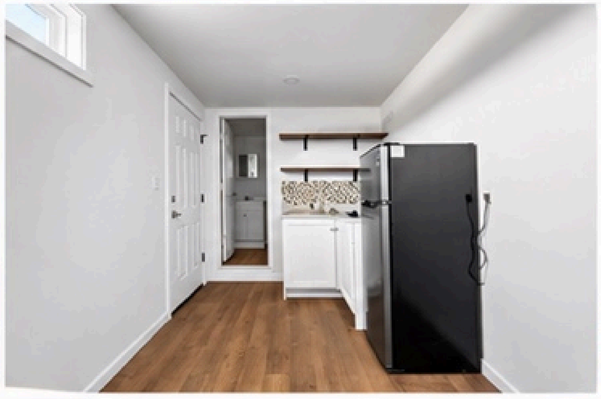
INTERIOR & EXTERIOR PHOTOS



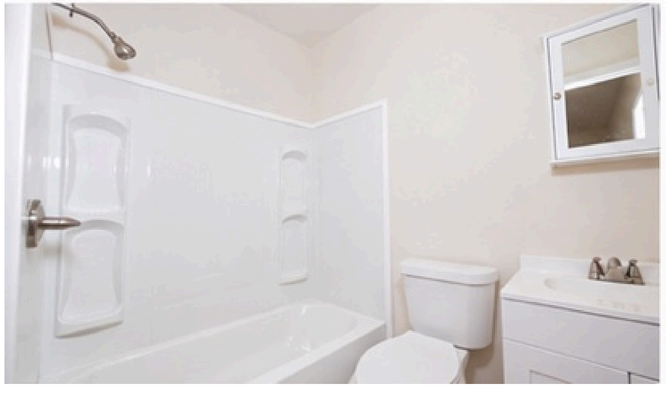


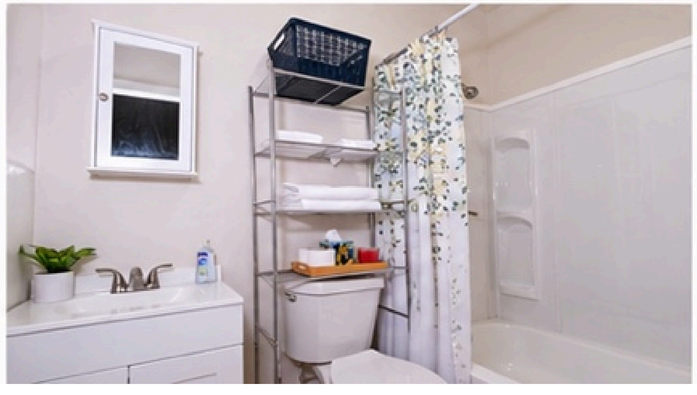










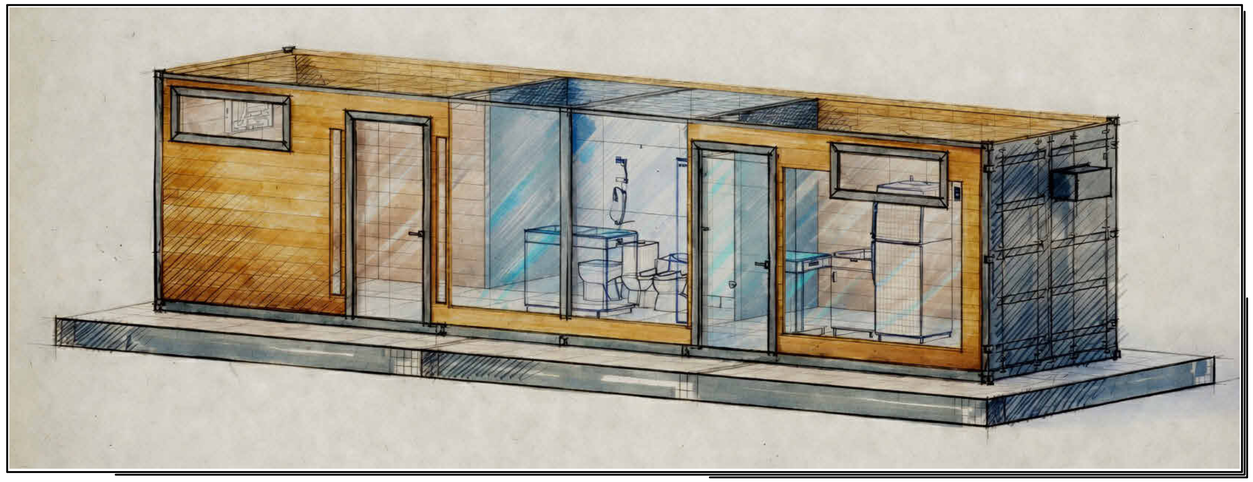


CONTAINER DUPLEX OVERVIEW

- **Two Private Studios** (Duplex)
- **Total: 320 Sq. Ft.** (160 Sq. Ft. per Studio)
- **Private Bath** (Each Studio)
- **Kitchenette** (Each Studio)
- **Window A/C** (Heat / Cool / Dehumidify)
- **50-Amp Power,** Water Hose & RV Sewer

CLICK HERE TO VIEW THE INTERACTIVE 3D VIRTUAL TOUR

CONTAINERIZED HOUSING PROJECT



Sheet List				
Sheet Number	Sheet Name	Current Revision	Current Revision Date	Sheet Order
Cover-1	Coversheet	1	5/15/2026	1
A1	First Floor Plan	1	5/15/2026	2
A2	Elevations	1	5/15/2026	3
A3	Building Section	1	5/15/2026	4
A4	Schedules	1	5/15/2026	5

GENERAL NOTES

- These notes govern unless specific notes on drawings indicate otherwise.
- All dimensions and project conditions shall be field-verified by the contractor prior to construction. Report conflicts to the Engineer of Record immediately.
- Contractor is responsible for all means and methods, safety (OSHA), permits, and coordination.
- Shop drawings and calculations for all steel fabrication, and connections (if applicable) shall be submitted for review and approval.
- Structural observations/verifications shall be performed at key stages.
- Use new materials only on modification. All work by qualified, licensed trades where required.
- Energy code compliance per 2021 IECC.
- STRUCTURAL DESIGN:
  1. The structural analysis of the structure is excluded from this plan set.
  2. Shown / Designed material sizes are the responsibility of others.
  3. Column placement and sizing is per the available floor plan design and required engineering verification.
  4. The Engineer-of-Record shall be responsible for all design confirmations.

Abbreviations (add project-specific as needed):
- AISC – American Institute of Steel Construction
- ASCE – American Society of Civil Engineers
- MRI – Mean Recurrence Interval
- Vmph – Miles per hour (3-sec gust)
- U.N.O. – Unless Noted Otherwise
- Typ. – Typical

CODES AND LOADS

Site Specific Code Data:
APPLICABLE CODES & STANDARDS

2021 International Residential Code (IRC) (wihtout amendments) and 2021 International Building Code (IBC) where applicable.
ASCE 7-16: Minimum Design Loads and Associated Criteria for Buildings and Other Structures (all loads derived from this standard).
AISC 360-16 (or latest): Specification for Structural Steel Buildings.
AISC 303-16 (or latest): Code of Standard Practice for Steel Buildings and Bridges.
AWS D1.1/D1.1M: Structural Welding Code – Steel.

Governing Authority: Smith County, Texas (unincorporated area). Contractor to obtain all required permits and inspections.

DESIGN CRITERIA (STRUCTURAL) - SITE-SPECIFIC:
Wind Loads (ASCE 7-16):
Basic Wind Speed = 106 mph (3-second gust, Risk Category II, Exposure C, 700-year MRI).
All wind pressures, coefficients, and load cases per ASCE 7-16 Chapters 26–30.

Seismic Design Parameters (ASCE 7-16):
Site Soil Class = C (Very Dense Soil and Soft Rock)

SS = 0.093 g S1 = 0.056 g
SDS = 0.08 g SD1 = 0.056 g
Fa = 1.3, Fv = 1.5
Ie = 1.0 TL = 12 sec
PGA = 0.045 g

Snow Loads (ASCE 7-16):
Ground Snow Load, pg = 5 psf (flat roof snow load and balanced/unbalanced cases per Chapter 7).
Ce, Ct, Is, and other factors per ASCE 7-16.
Other Loads:

Roof Live Load: 20 psf minimum (or per code).
Floor Live Load: 40 psf (residential) / 100 psf (shop area) or as applicable.
Dead Loads: As self-weight of materials + allowances for MEP, finishes, etc.

Materials & Design Methods:

Structural Steel or Steel Analysis: LRFD per AISC 360-16. ASTM A992, A36, A500 Gr. B/C
Connections: Bolted and welded per AISC and AWS. Minimum connection design = 125% of member capacity or reactions shown, unless noted otherwise.
Deflection Limits:
L/360 (floors live), L/240 (roof live),
L/180 or stricter for metal panels/walls per manufacturer.
H/120 Total Sidesway

Total Rollover, Uplift, Anchoring Plans: To Be Determined by Engineer of Record

PRIEST DRAFTING SERVICES
PreBid Drawings | Planning Assistance | Layout Design | Metal Building Incorporation

Priest Drafting Services
Timothy & Stephanie Priest
303 Forest South Dr.
Whitehouse Texas 75791
priestdraftingservices@gmail.com
(903)-650-9653

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No.	Description	Date
1	Conceptual Drawings Client Review	5/15/2026

Hanks Digital Acquisitions
Containerized Housing

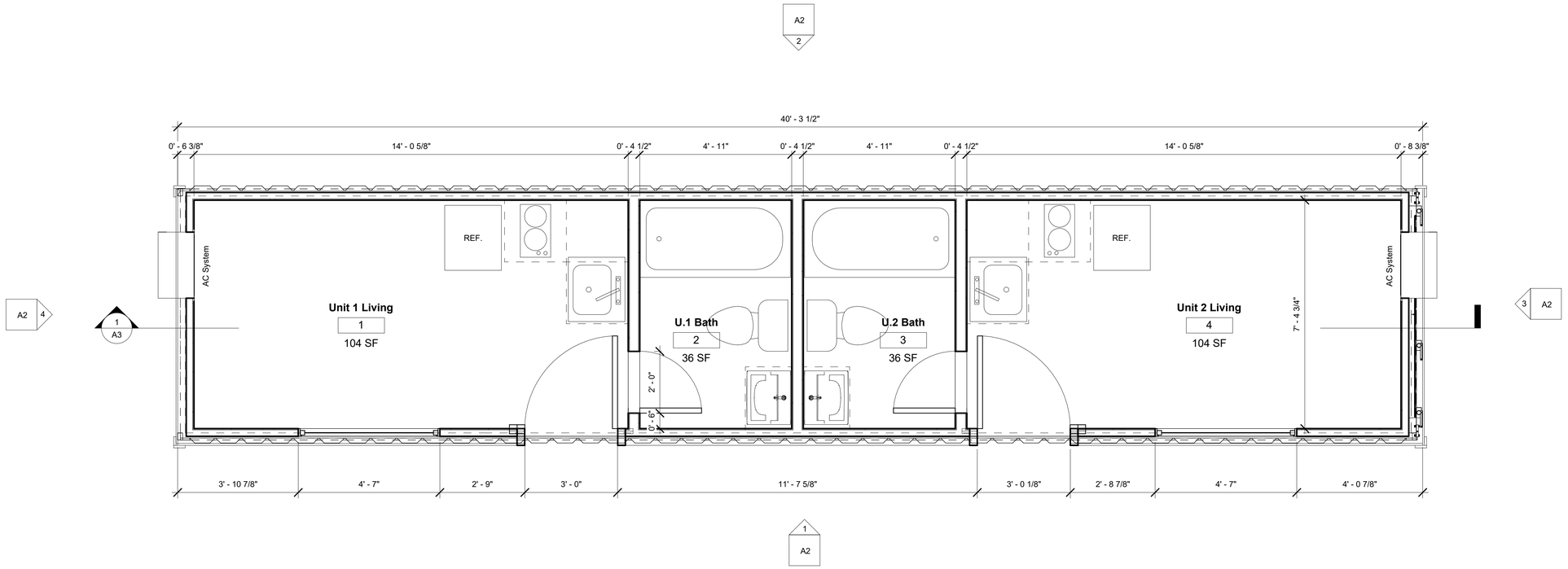
Coversheet

Project number	26109
Date	5/15/2026
Drawn by	Author
Checked by	Checker

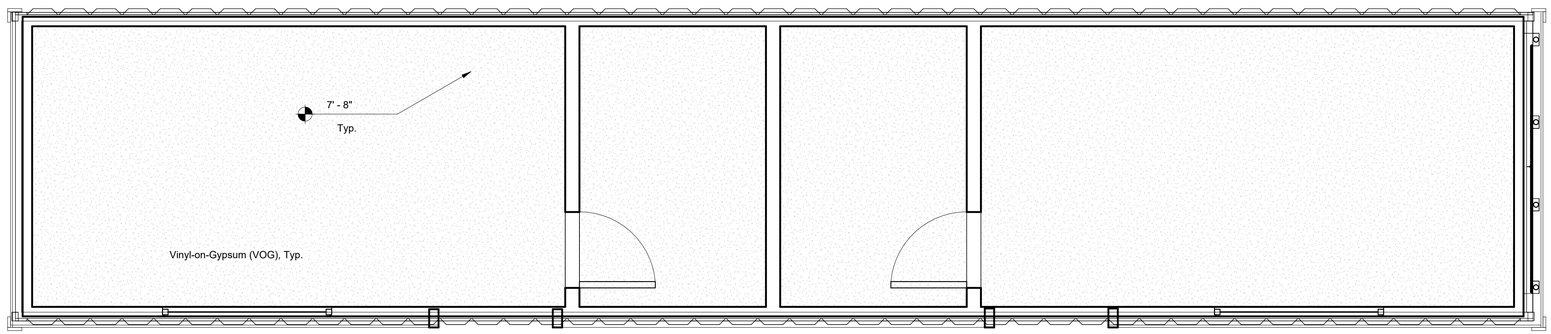
Cover-1

Scale

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1 First Floor
1/2" = 1'-0"



2 First Floor Reflected Ceiling Plan
1/2" = 1'-0"

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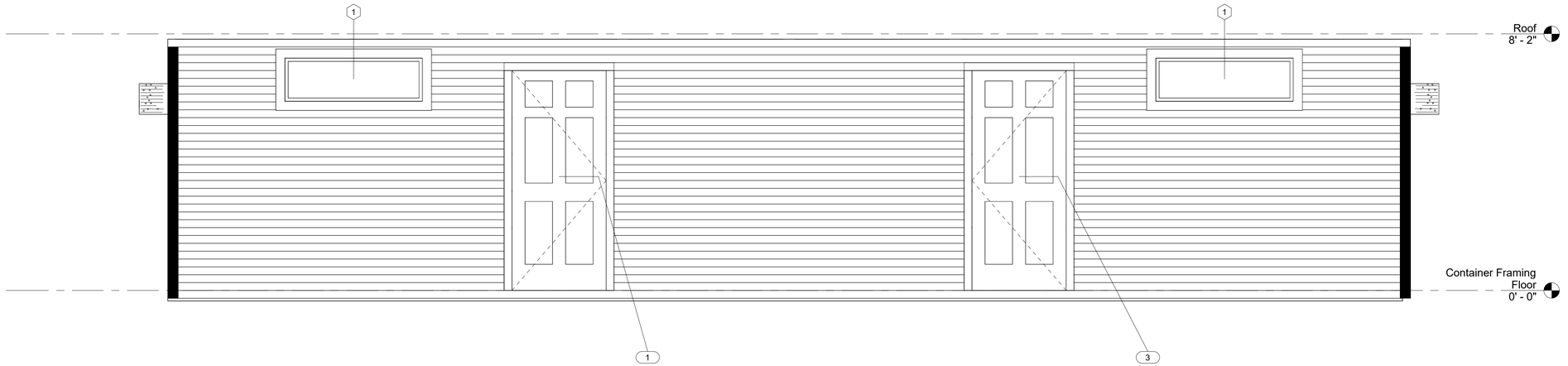
First Floor Plan

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Date	5/15/2026
Drawn by	Author
Checked by	Checker

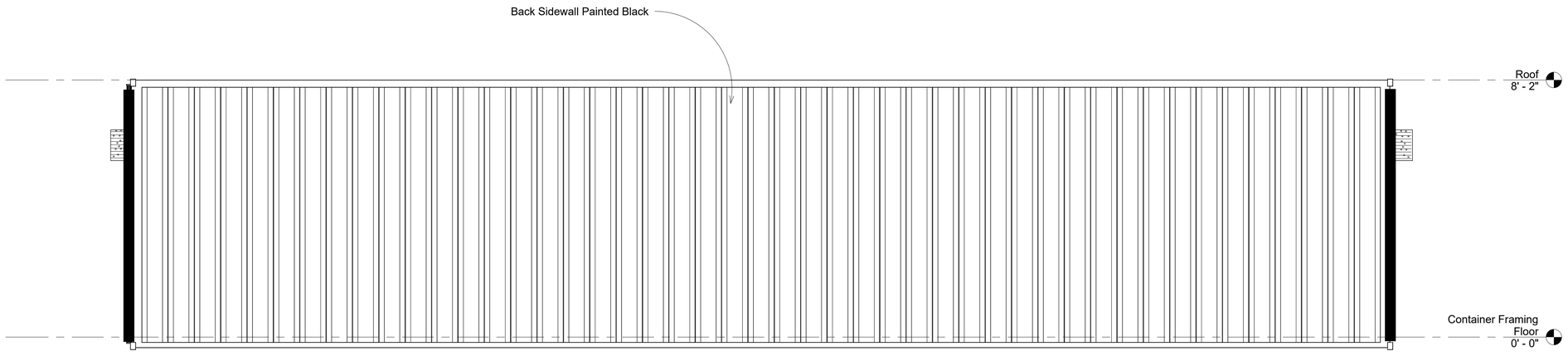
A1

Scale 1/2" = 1'-0"

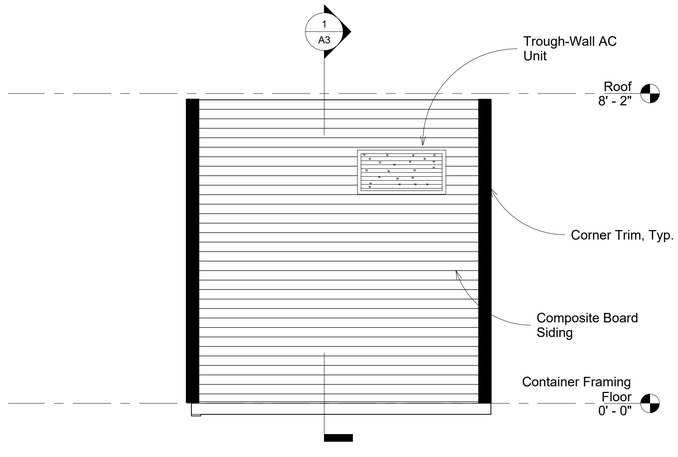
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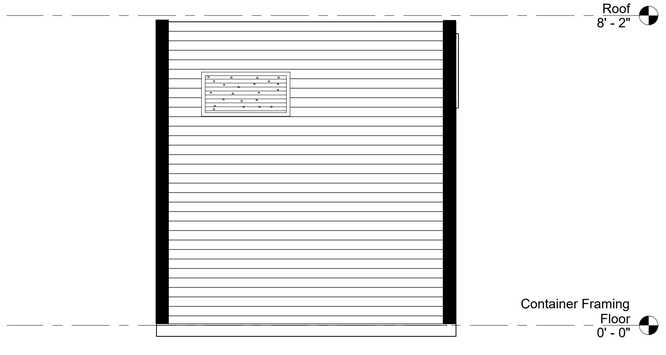
1 Front Sidewall
1/2" = 1'-0"



2 Back Sidewall
1/2" = 1'-0"



3 Right Endwall
1/2" = 1'-0"



4 West
1/2" = 1'-0"

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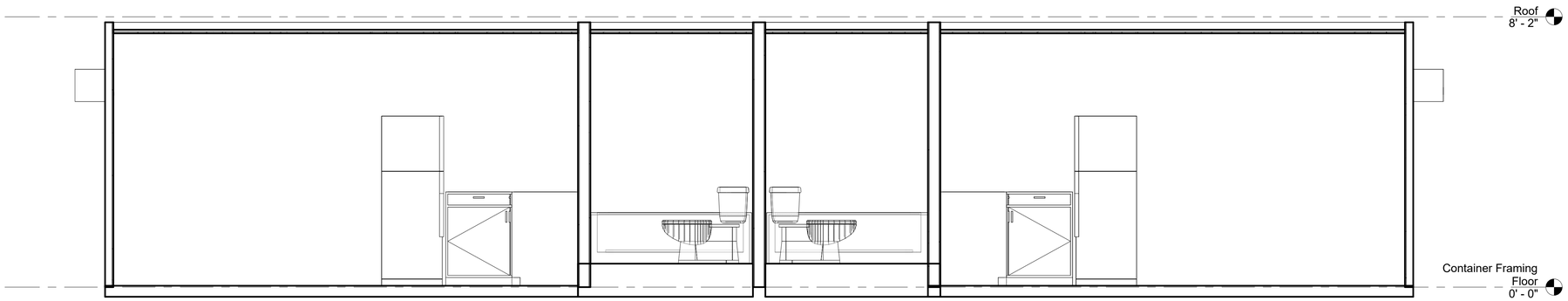
Elevations

Project number	26109
Date	5/15/2026
Drawn by	Author
Checked by	Checker

A2

Scale	1/2" = 1'-0"

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1 Longitudinal Section
1/2" = 1'-0"

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Building Section

Project number	26109
Date	5/15/2026
Drawn by	TRP
Checked by	Checker

A3

Scale	1/2" = 1'-0"

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Door Schedule

Door Number	Door Type	Door Size	Manufacturer	Model	Frame Type	Fire Rating	Details			Description	Finish		Comments
							Head	Jamb	Sill		Door	Frame	
1	42	30" x 84"											
2	57	24" x 80"											
3	42	30" x 84"											
4	57	24" x 80"											

Window Schedule

Type Mark	Rough Opening		Type	Manufacturer	Model	Material	Finish	Detail			Glazing		Head Height	Comments
	Width	Height						Head	Jamb	Sill	Thickness	Type		
1	4' - 7"	1' - 7"	Fixed with Trim										7' - 6"	Requires Verification

Room Finish Schedule

Room Number	Room Name	Finish				Ceiling Height	Floor Height	Comments
		Floor	Base	Wall	Ceiling			
1	Unit 1 Living	Vinyl	Bottom Trim Type[Pending]	Vinyl-on-Gypsum (VOG)	Vinyl-on-Gypsum (VOG)	7' - 8"	0' - 0 3/8"	
2	U.1 Bath	Vinyl	Bottom Trim Type[Pending]	Vinyl-on-Gypsum (VOG)	Vinyl-on-Gypsum (VOG)	7' - 8"	1' - 0 1/2"	
3	U.2 Bath	Vinyl	Bottom Trim Type[Pending]	Vinyl-on-Gypsum (VOG)	Vinyl-on-Gypsum (VOG)	7' - 8"	1' - 0 1/2"	
4	Unit 2 Living	Vinyl	Bottom Trim Type[Pending]	Vinyl-on-Gypsum (VOG)	Vinyl-on-Gypsum (VOG)	7' - 8"	0' - 0 3/8"	

Lighting Fixture Schedule

Type Mark	Family and Type	Manufacturer	Model	Lamp	Type Comments

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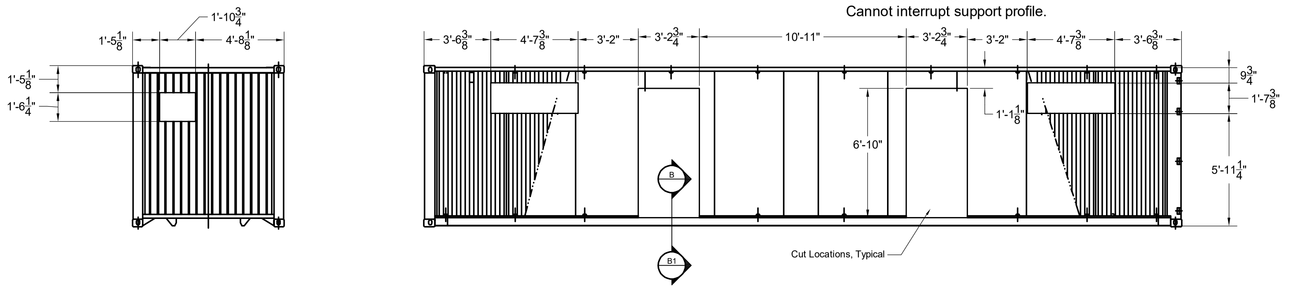
Schedules

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Date	5/15/2026
Drawn by	Author
Checked by	Checker
	A4
Scale	

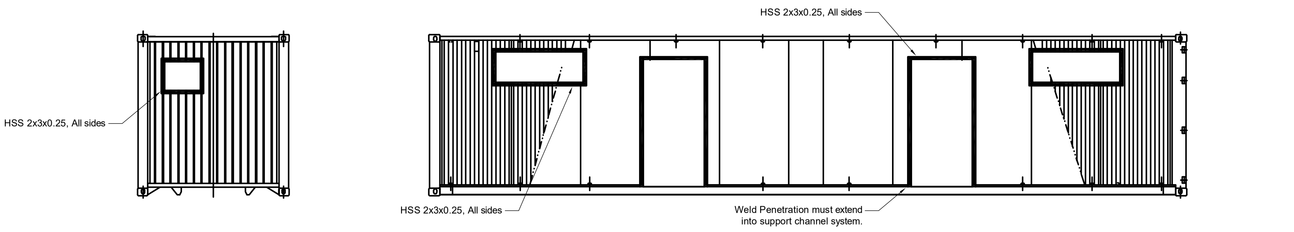
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PROFESSIONAL
ENGINEER
STAMP

TX-NUMBER
~~PENDING~~



Ⓐ MATERIAL REMOVAL MODIFICATIONS
1/4" = 1'-0"



Ⓑ MATERIAL REINFORCEMENT MODIFICATIONS
1/4" = 1'-0"

All welds to be minimum $\frac{3}{16}$" Fillet, all sides. Where voids exist against tubing, $\frac{1}{8}$" backing plate infill must be used. Welds to be brushed and painted immediately after completion.

① CONTAINER MODIFICATIONS
1/4" = 1'-0"