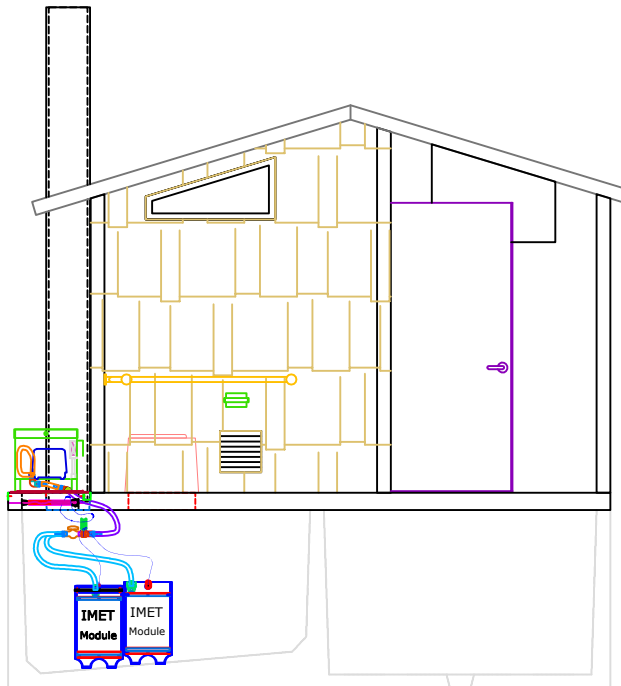
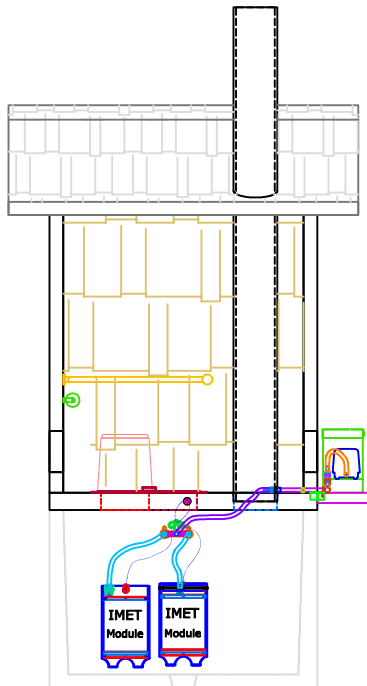
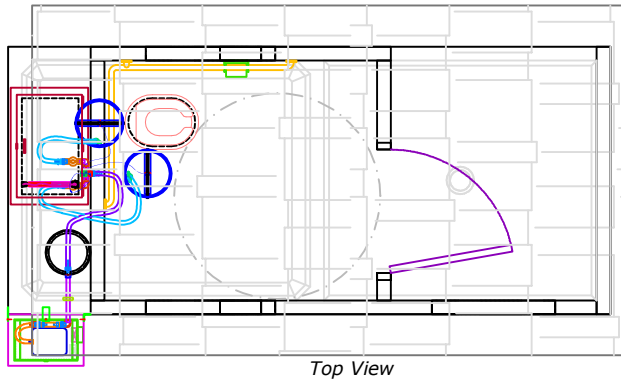


# Gunnison Vault Toilet with BioRemediation IMET Drop-in Modules

SEE ALSO drawings

240219.2 rev.1  
 IMET Modules Drop-in Installation Details  
 Gunnison Vault Toilet - Expansion Bar & Concrete Pad

240219.3 rev.1  
 IMET Modules Drop-in Installation Details  
 Module Location, Air Hoses & Infeed, Retrieval Wires, Electrical



## Site Preparation

- A - Pump-out Vault - Take all appropriate sanitary precautions
- B - Purchase or construct Concrete Pad ~22"x 15"x 2"-3" thick
  - Prepare level surface beneath concrete pad location such that the pad will approximately level with the floor top
  - Place concrete pad then use Cement Glue to attach to floor
- C - Place Expansion Bar Tank Opening
- D - Drill 1-1/2" hole in the Vent Pipe
- E - Connect 110 VAC electrical 250 watts (solar option available)

## Installation

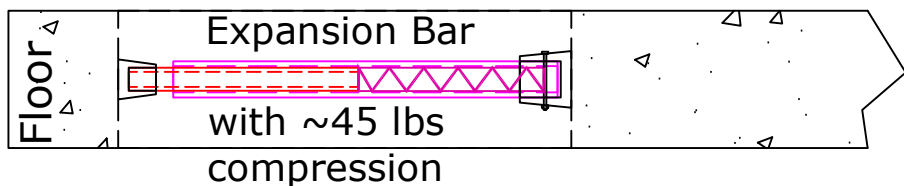
- 1 - Install Expansion Bar in the Vault Opening
- 2 - Secure Air Pump Housing to Concrete Pad with (2) 1/4" Tapcon screws
- 3 - Attach Air Hose using Cam-Lock fitting to each Module
- 4 - Attach retrieval wire to carabiner on each Module
- 5 - Attach the other end of the retrieval wires to Expansion Bar
- 6 - Place IMET Modules in the tanks approximate as shown (under edge of toilet opening, but not directly underneath)
- 7 - Feed the flexible hose of the Air Infeed thru the Vent Pipe
- 8 - Grab the flexible hose with hook or grab-bar and attach it to the infeed of the tee end of the IMET Air Manifold \*
- 9 - Attach the Air Hose from each IMET Module to the two valved ends of the IMET Air Manifold \*
- 10 - Attach IMET Air Manifold to Loop on the Expansion Bar
- 11 - Attach Red Hose to the the Air Pump Housing hose barb \*
- 12 - Confirm Air Infeed coupling positioned in the Vent Pipe hole
- 13 - Glue down the U-strap to secure Air Infeed assembly
- 14 - Use a septic caulk to seal the coupling in Vent pipe hole \*\*
- 15 - Turn-On 110 VAC electrical service (or solar panel service)
- 16 - Fill Vault with Water to ~2" over the tops of the Modules
  - \* - requires hose clamp assembly
  - \*\* - caulk, approved by Florida, is Ram-Nek by Henry

REV.	DESCRIPTION	DATE	BY
1	Replace Tapcon Screws in Cement with Cement Glue	04.12.2024	CBL
1	Replace Internal Anchor in Cement with Expansion Bar	04.12.2024	CBL

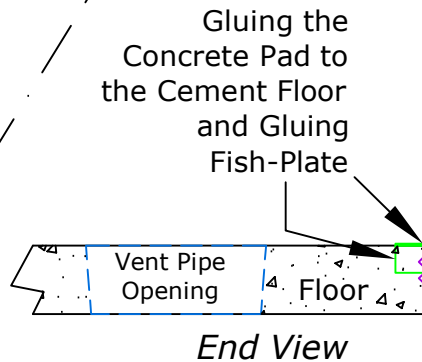
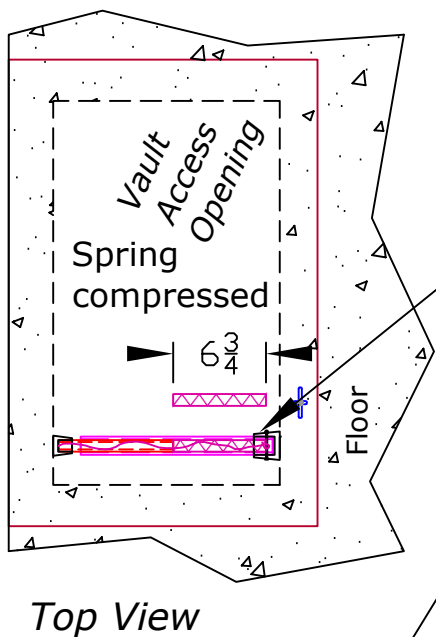
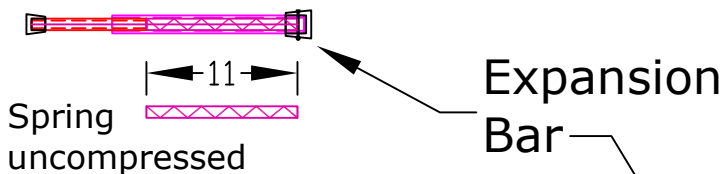


IMET Modules Drop-in Installation Gunnison Vault Toilet			
DATE: 02.19.2024	DRN. CBL	240219.1	REV 1
ASS'Y NO. n/a	APP. KEG		

# Vault Access Opening

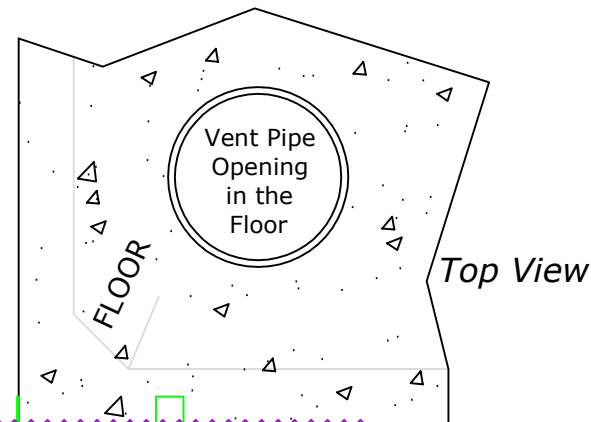


Expansion Bar with galvanize steel Spring  
rated at 11.33 lbs/inch compression



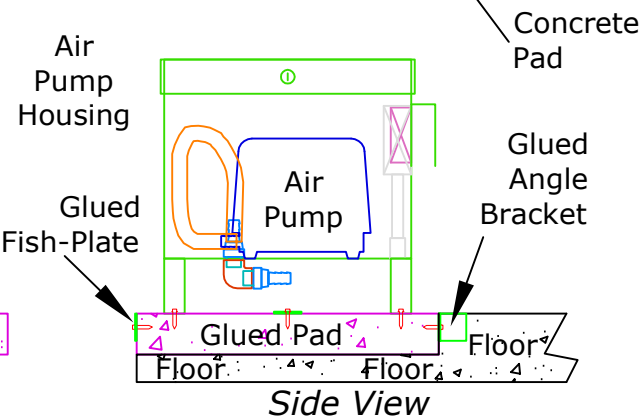
Concrete Pad attached using  
"Fish-Plate" & Angle Bracket  
to secure to the cement floor  
(locations are approximate)

(3) Points of  
attachment  
Gluing the  
Concrete Pad to  
the Cement Floor



Cement Glue the Fish Plate  
and the Concrete Pad to  
the Cement Floor

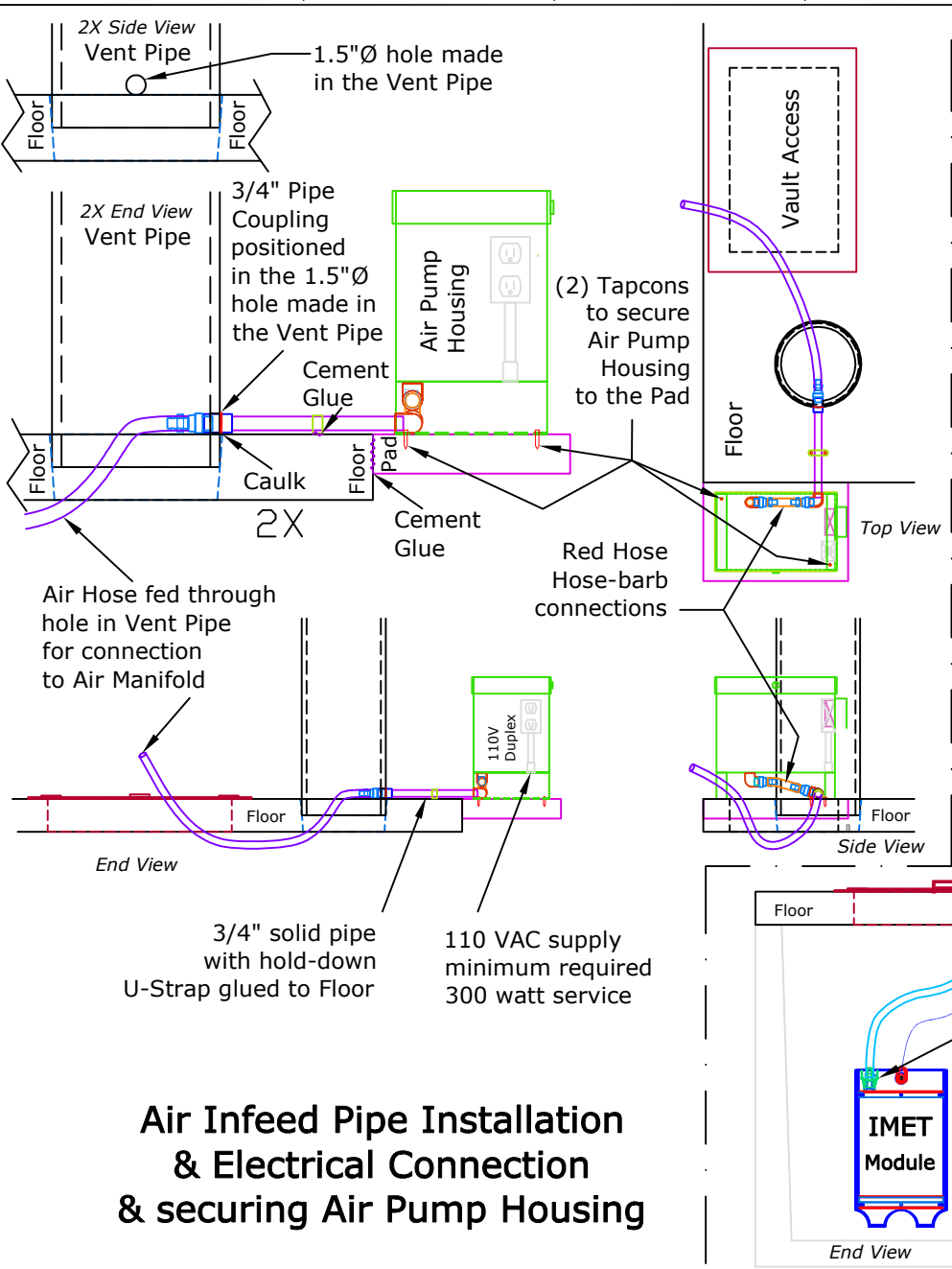
Cement  
Glued  
Angle Bracket



REV.	DESCRIPTION	DATE	BY
1	Replace Tapcon Screws in Cement with Cement Glue	04.12.2024	CBL
1	Replace Internal Anchor in Cement with Expansion Bar	04.12.2024	CBL

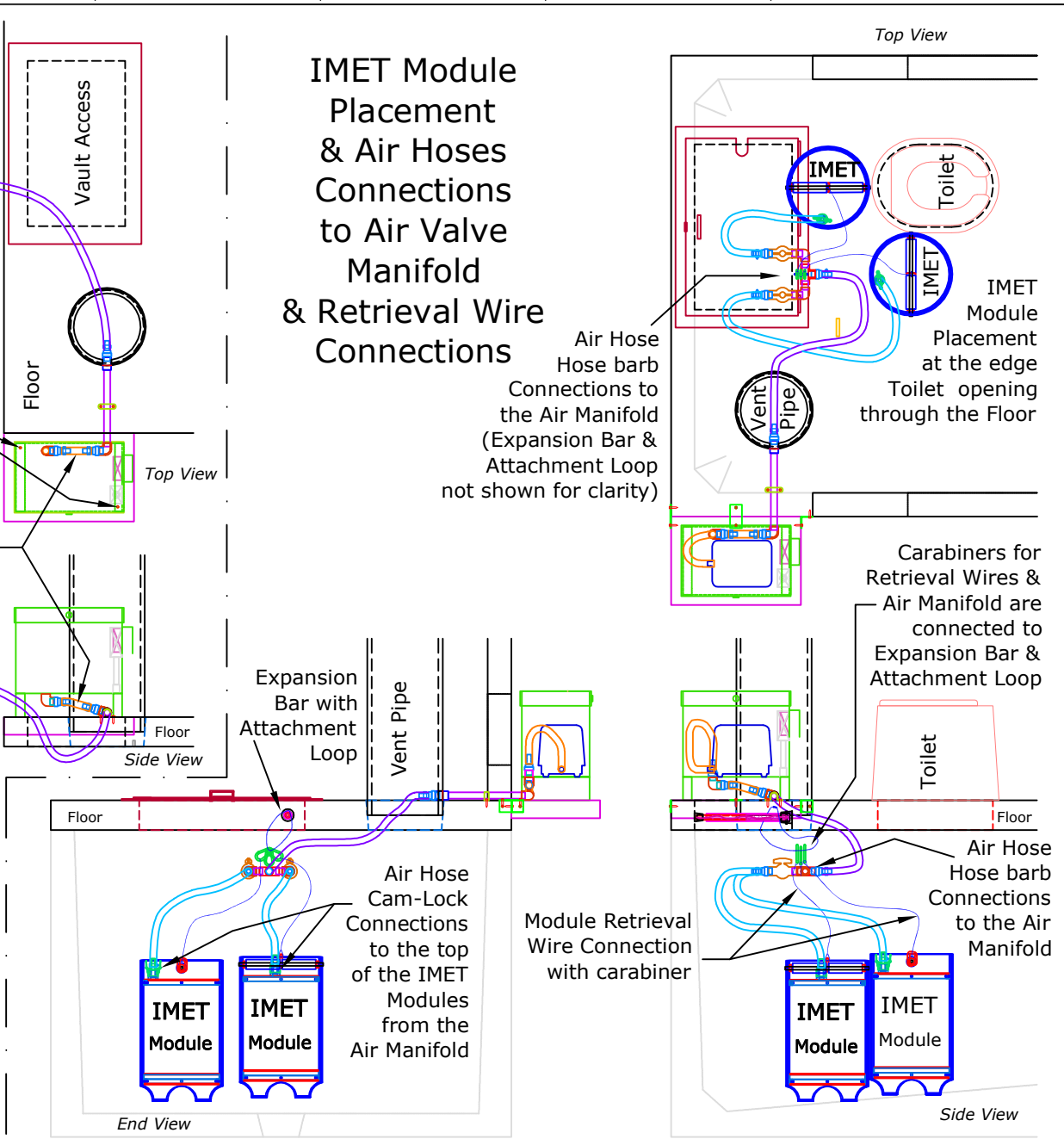


IMET Modules Drop-in Installation Details			
Gunnison Vault Toilet - Expansion Bar & Concrete Pad			
DATE: 02.28.2024	DRN. CBL	240219.2	REV 1
ASS'Y NO. n/a	APP. KEG		



### Air Infeed Pipe Installation & Electrical Connection & securing Air Pump Housing

### IMET Module Placement & Air Hoses Connections to Air Valve Manifold & Retrieval Wire Connections



REV.	DESCRIPTION	DATE	BY
1	Replace Tapcon Screws in Cement with Cement Glue	04.12.2024	CBL
1	Replace Internal Anchor in Cement with Expansion Bar	04.12.2024	CBL



IMET Modules Drop-in Installation Details			
Module Location, Air Hoses & Infeed, Retrieval Wires, Electrical			
DATE: 02.29.2024	DRN. CBL	240219.3	REV 1
ASS'Y NO. n/a	APP. KEG		