Generic Rebar shown for example.

Additional #4 @ 12" shown for example.

Weld on reinforcing tabs as necessary for poured-in-place application.

Terminate waterproofing membrane here using factory recommended method (if membrane supplied).

Scale: 1/2"=1'-0"

1.01 Scale: 1/2"=1'-0"

Plan View

Section: Low Vent

Section: High Vent

Detail @ Top of Wall

Fabricate in 2 pieces with joint centered over middle wall. 1-3/4" x 1/4" heavy duty bar grating with banded edges (4 sides each piece). Min. moment of inertia = 2.68 in/ft.

Provide reinforcement around the sides of the opening equal to the amount of reinforcement interrupted by the opening.

Use couplings to connect to pipe inside vault (typ).

Note: Concrete & grating color to be determined by owner.

Typical reinforcement detail at pipe openings

Typical plan view

Generic rebar shown for example.

Compacted Gravel

Insulation (if supplied)

Filter fabric (for weeds)

Generic rebar shown for example.

Filter fabric

1-3/4" steel grating

4" x 2-1/4" x 1/2" bent plate with 1/8" x 1" bent bar

8" vent pipes (high & low vents)

Provide reinforcement around the sides of the opening equal to the amount of reinforcement interrupted by the opening.

Use couplings to connect to pipe inside vault (typ).

Note: See detail 33 05 13 - 03 for additional details on couplings & valves.

Concrete & grating color to be determined by owner.

Note: See detail 33 05 13 - 03 for additional details on couplings & valves.

Detail No.: 33 05 13 - 03

Scale: 1/2"=1'-0"

Date: April 2020

Detail Title: Vent Coffers Details

Facilities Planning & Construction

Standard Detail