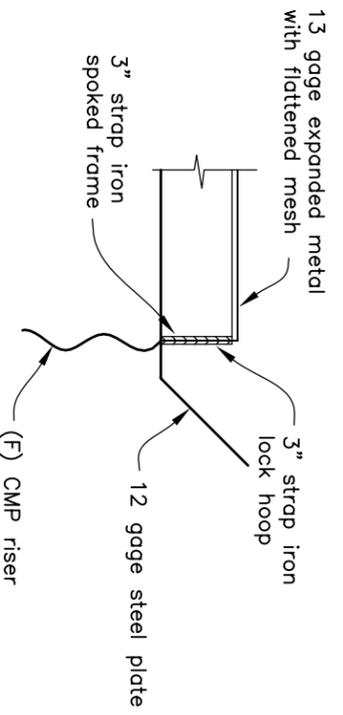


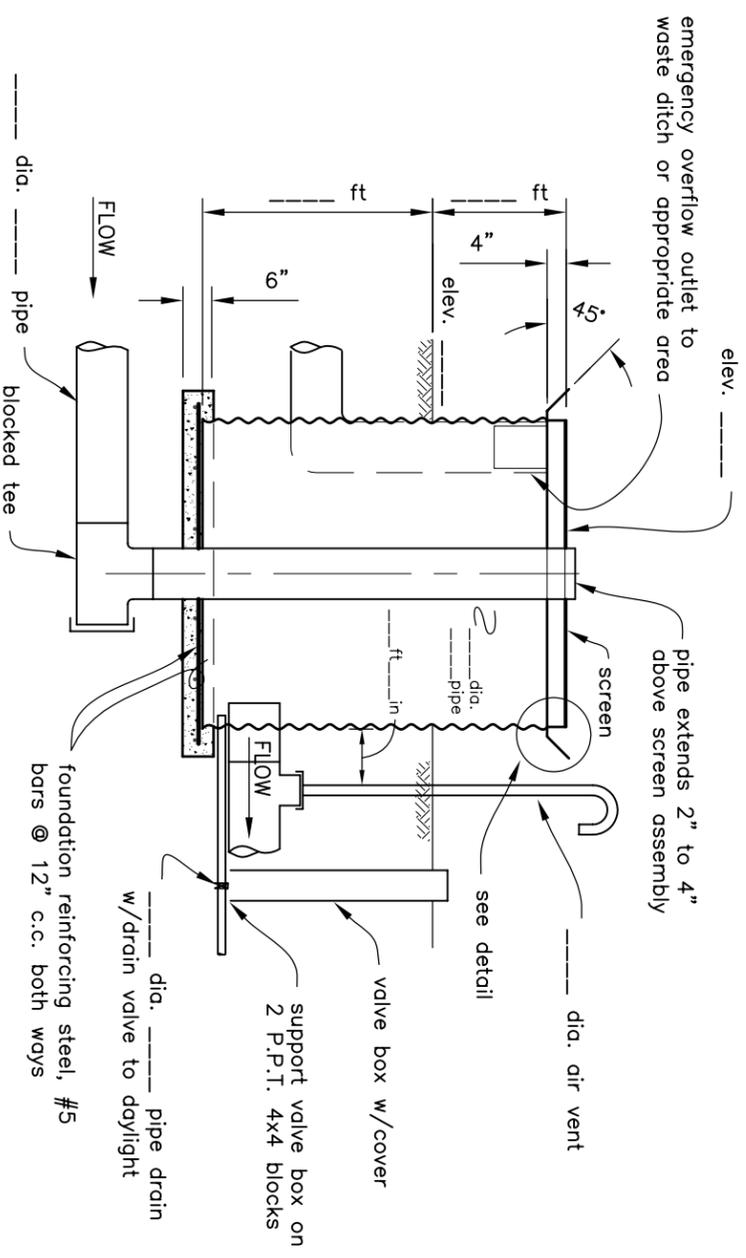
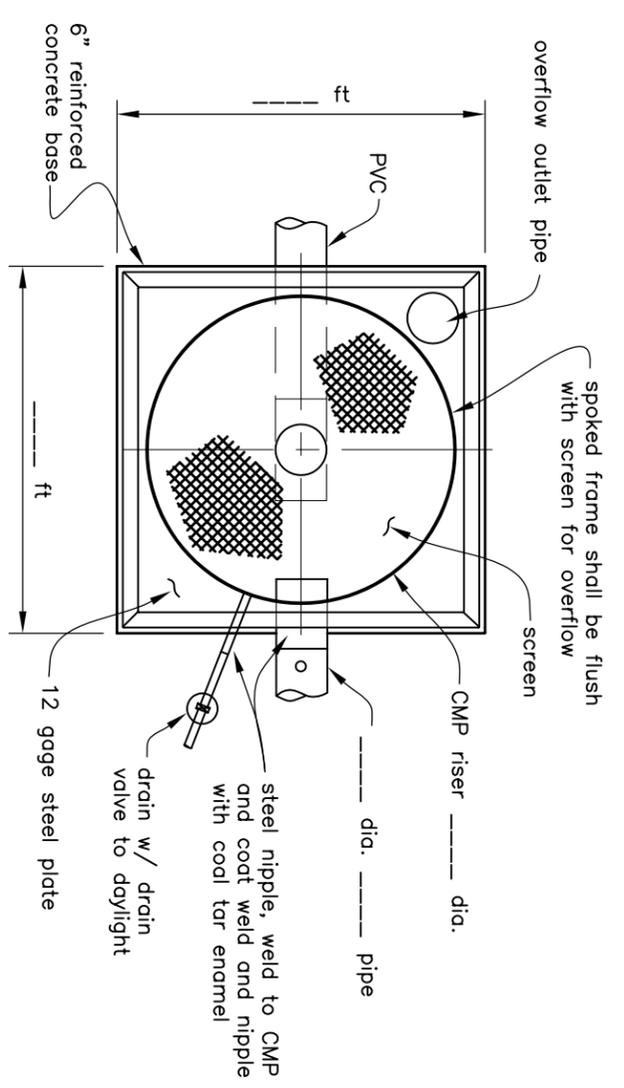
FLOW cfs	RISER DIA	SCREEN DIA
1	8"	48"
2	10"	60"
3	12"	72"
4	15"	84"
5	18"	96"

Recommended riser velocity 3 fps (min)

- A. 1 x 1/8 inch strap iron lock hoop. These hold screens (B and C) in place on frame (D).
- B. 20 mesh stainless steel wire cloth screen. Screen is bent over edge of spoked frame and held in place by lock hoop (A).
- C. 3/4 inch size, 13 gage expanded metal with flattened mesh. Weld to spoked frame.
- D. 2 x 3/16 inch outer ring with 1 1/2 x 1/8 inch strap iron, spoked frame, having a \_\_\_\_\_ inch hub hoop and a \_\_\_\_\_ inch outer hoop. Spokes rest on lip of riser.
- E. \_\_\_\_\_ inch inlet pipe extends 2 to 4 inches above the screen.
- F. \_\_\_\_\_ inch galvanized CMP riser. The frame (D) lies on top of the riser. Use 14 gage minimum.
- G. 12 gage steel plate to be welded to the bottom of spoked frame (D). Weld \_\_\_\_\_  $\phi$ , 6 inch stub over-flow pipe to 12 gage steel plate.



**DETAIL**



**SECTION**

This drawing requires supporting technical documentation prior to use and must be adapted to the specific site. Inlet and outlet pipes may be installed through CMP riser or through concrete base as desired.

Drawing not to scale

Date \_\_\_\_\_  
 2/2005  
 Designed \_\_\_\_\_  
 Drawn \_\_\_\_\_  
 Checked \_\_\_\_\_  
 Approved \_\_\_\_\_  
 Title \_\_\_\_\_

**TURBULENT FOUNTAIN SCREEN**

IRRIGATION



File Name  
 OR\_TURB\_FOUNTAIN.DWG  
 Drawing No.

Sheet \_\_\_\_\_ of \_\_\_\_\_