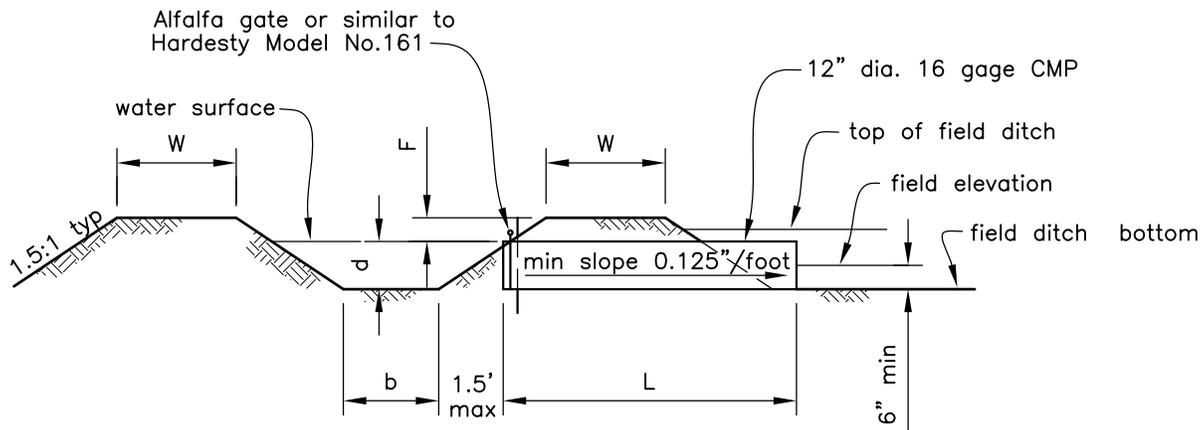


**PLAN**



**ELEVATION**

b feet	d feet	F feet	W feet	L feet
0.5	1.00	0.50	1.00	4.0
1.0	1.00	0.50	1.50	6.0
1.5	1.00	0.50	2.00	6.0
2.0	1.00	0.50	2.50	6.0
1.0	1.20	0.70	1.25	6.0
1.5	1.20	0.70	1.50	6.0
2.0	1.20	0.70	2.00	8.0
1.5	1.33	0.77	1.75	8.0
2.0	1.33	0.77	2.00	8.0

b = bottom width of farm irrigation ditch  
d = depth of water in farm irrigation ditch  
F = freeboard  
W = top width  
L = length of pipe

Top of pipe inlet not to be above the water surface.

Pipe Dia. inches	Capacity cfs
12	2.3

Pipe capacity with water surface at inlet same elevation as top of pipe and outlet unsubmerged.

This drawing requires supporting technical documentation prior to use and must be adapted to the specific site.

Practice Code \_\_\_\_\_ Job Class \_\_\_\_\_

Drawing not to scale

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

CAD FILE NAME  
OR\_CMP\_TURNOUT12.DWG  
DRAWING NO.  
SHEET \_\_\_\_\_ OF \_\_\_\_\_

**CMP TURNOUT**

IRRIGATION