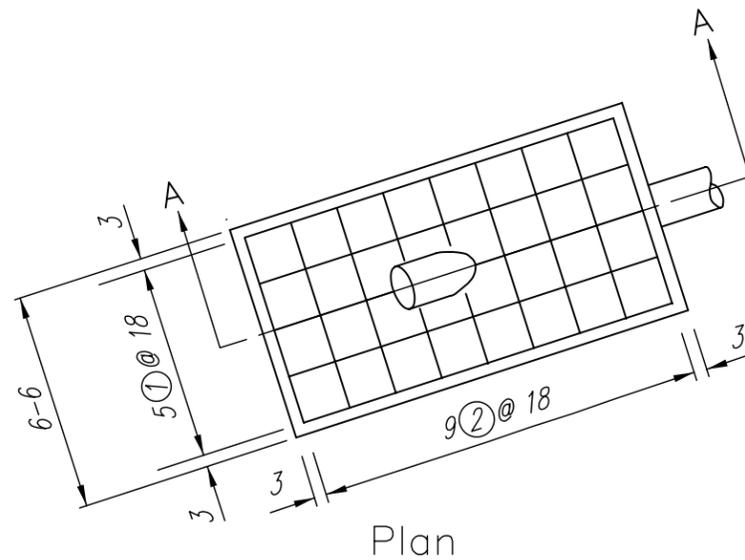
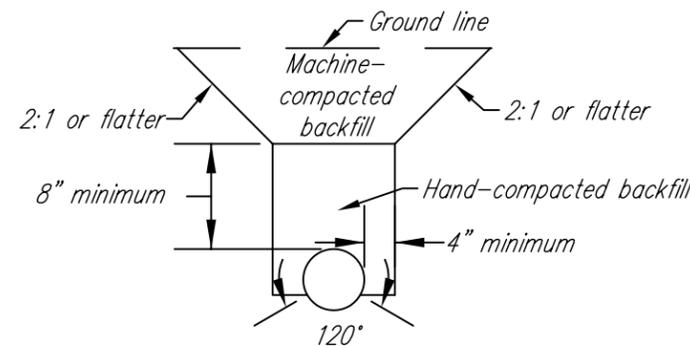


Concrete Protection for Pipe Inlets



Plan



Pipe Installation Detail

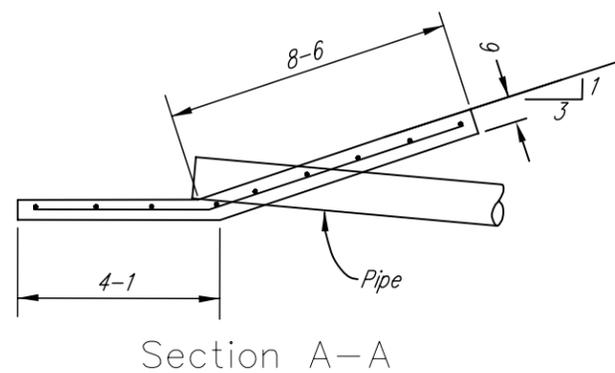
Reinforcing Steel Schedule

Mark	Size	Quantity	Length (ft-in)	Total Length (ft-in)
1	3	5	12-0	60-0
2	3	9	6-0	54-0

Total Length 114-0 ft-in
 Total Weight 43 lbs.
 Concrete Volume 1.5 cu. yds.

Notes:

1. Pipe material and fittings shall be as required in specifications.
2. Concrete shall have a minimum design strength of 3500 psi or as required by the specifications.
3. Reinforcing steel shall be as shown or be 2 layers of 6 x 6 - 6 x 6 (6 x 6 - W2.9 x W2.9) steel mesh. The reinforcement shall be placed in the center of the concrete slab.
4. Bars or steel mesh should be cut in the field as needed to provide adequate clearance from pipe. Bend bars or steel mesh as needed to align with earthfill slope.
5. A nylon fiber mesh additive may be used in lieu of reinforcing steel. When nylon fiber mesh is used in the concrete mix, it shall be added at the minimum rate of 1.5 pounds per cubic yard.



Section A-A

Details of Concrete Slab

Note: All dimensions in feet and inches

Before any investigation or construction activity, the excavator is responsible for calling Kansas One-Call at 800-344-7233 (800-DIG-SAFE)

Date	
Designed	
Drawn	
Checked	
Approved	



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Concrete Protection for 15" to 24" Diameter Pipe Inlets