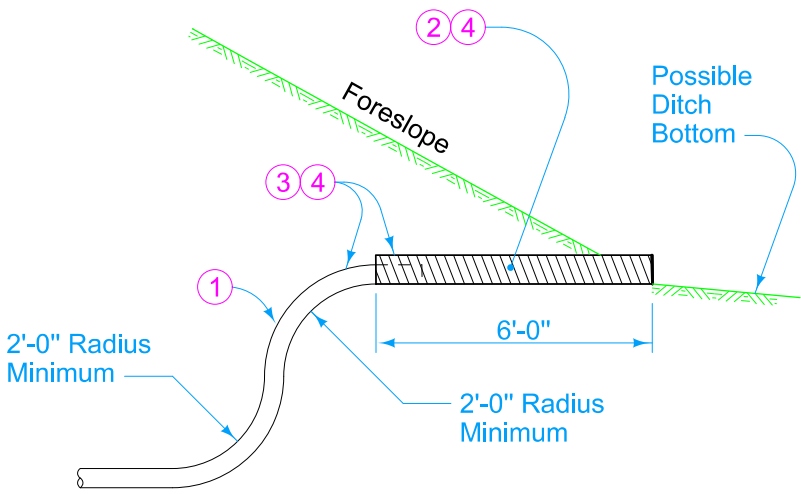
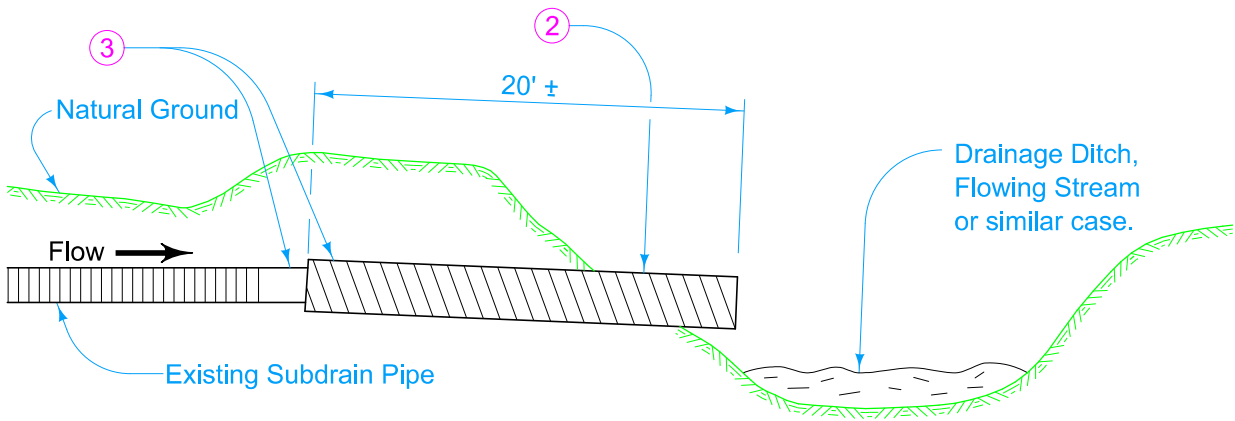


STANDARD SUBDRAIN OUTLET  
TYPE A  
For existing subdrain pipes 12" or less in diameter. (5)



PRESSURE RELEASE OUTLET  
TYPE B





SPECIAL OUTLET  
TYPE C

- (1) Perforated Subdrain (Polyethylene Corrugated Tubing).
- (2) If corrugated metal pipe is used, an outlet 2 inches larger than existing subdrain pipe is required. If double-walled PE or PVC pipe is used, an outlet pipe of the same diameter as the existing subdrain pipe may be used.
- (3) The pipes should be coupled in one of the two following ways: (1) Use an inside fit reducer coupler (coupler must be inserted a minimum of 12 inches into C.M.P.); or (2) Insert 12 inches of the existing subdrain pipe into the corrugated metal outlet pipe, then fully seal the entire opening with grout.
- (4) If a concrete headwall is used, refer to DR-306.
- (5) For existing subdrain pipes larger than 12 inches in diameter, use Special Outlet, Type C.

Possible Contract Item:  
Subdrain Outlet (DR-305)

Possible Tabulations:  
104-5C  
104-6

 IOWA DOT	REVISION	
	2	04-19-22
	DR-305	
STANDARD ROAD PLAN	SHEET 1 of 1	
REVISIONS:      Added 104-6 to Possible Tabulations.		
		
APPROVED BY DESIGN METHODS ENGINEER		
<div>SUBDRAIN OUTLETS (STANDARD SUBDRAIN, PRESSURE RELEASE AND SPECIAL)</div>		