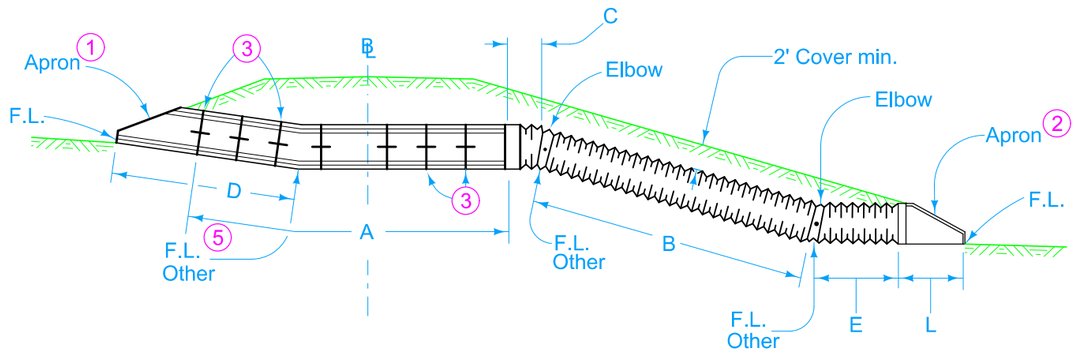
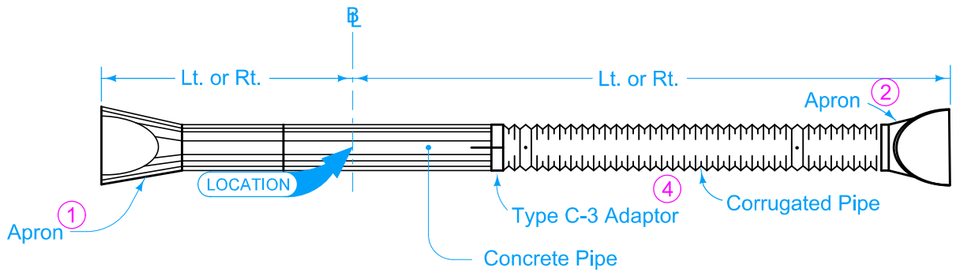


SECTION

A= Concrete Pipe Length
B+C+E= C.M.P. or P.E.P. Length



PLAN

℄ is ℄ of roadway, dike survey or other as detailed on the plans.

Skew angle is the angle which one end of the pipe is ahead (by stationing) of a line perpendicular to the ℄. (Example: Skew Rt. ahead 30 degrees)

Standard type joint couplings are required. See Materials I.M. 441.

1. Refer to the following:
   DR-201 for circular concrete.
   DR-202 for low clearance concrete.
   DR-205 for circular concrete with end wall.
   DR-206 for low clearance concrete with end wall.
2. Refer to the following:
   DR-203 for the circular metal.
   DR-204 for arch metal.
3. See DR-121.
4. See DR-122.
5. Optional "D" section only when specified in the tabulation. Refer to DR-141.

Possible Tabulation:
104-3

IOWA DOT

STANDARD ROAD PLAN

REVISION	
3	04-21-20

DR-641

SHEET 1 of 1

REVISIONS: Modified dimension line on Plan view.

APPROVED BY DESIGN METHODS ENGINEER

CONCRETE/CORRUGATED PIPE CULVERT LETDOWN STRUCTURE WITH METAL APRON