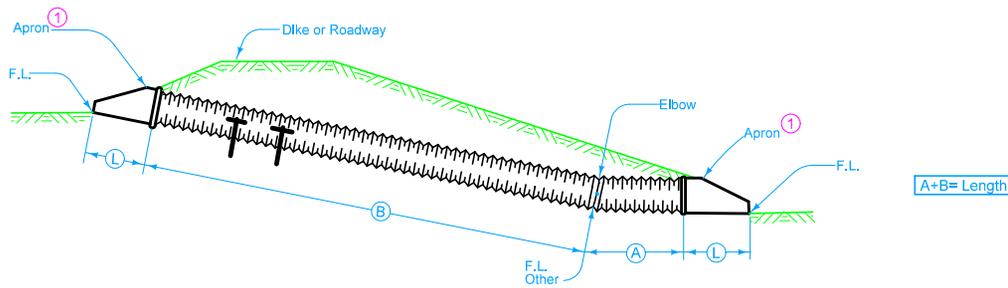
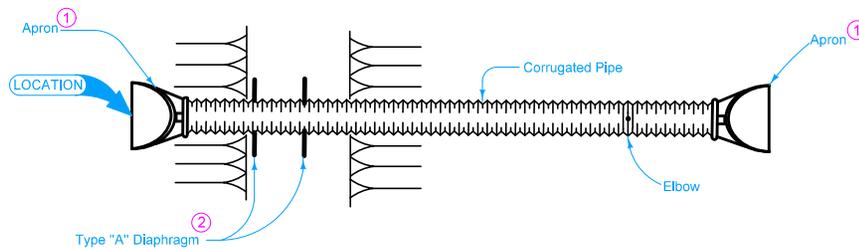


Standard type joint couplings are required. See [Materials I.M. 441](#).

- ① Refer to the following:
[DR-203](#) for the circular metal,
[DR-204](#) for arch metal.
- ② See [DR-501](#). If more than one diaphragm is specified, install 15 feet apart or as specified.



SECTION



PLAN

Possible Tabulation:
104-3

IOWA DOT	REVISION	
	1	04-18-17
STANDARD ROAD PLAN		DR-631
		SHEET 1 of 1
REVISIONS: Modified note 1 to include references to additional apron types.		
 APPROVED BY DESIGN METHODS ENGINEER		
CORRUGATED PIPE CULVERT LETDOWN STRUCTURE WITH SINGLE ELBOW		