

\*10' MIN. RADIUS WHERE SITE CONDITIONS DO NOT ALLOW 15' RADIUS

**CIRCULAR CULVERT PIPE**

(2-2/3"x1/2" CORRUGATIONS)

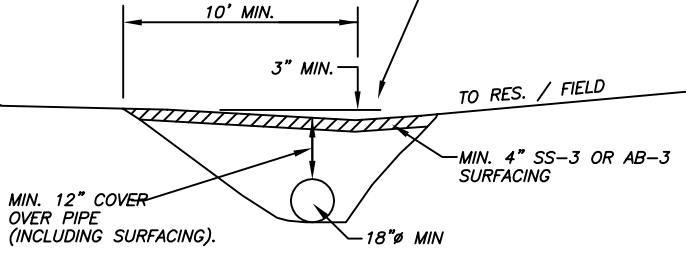
(3"x1" CORRUGATIONS)

DIA.	GAUGE	DIA.	GAUGE
18-21"	16	36-54"	14
24-30"	14	60-84"	12
36-54"	12		
60-72"	10		

ARCH CULVERT PIPE MAY BE REQUIRED AND / OR MAY BE ALLOWED AS AN ALTERNATE; WHEN ARCH PIPE IS APPROVED FOR USE, GAUGE WILL BE SPECIFIED ON PERMIT.

**TYPE OF "MATERIALS" ALLOWED**

- NEW BITUMINOUS COATED CORRUGATED STEEL PIPE
- NEW GALVANIZED CORRUGATED STEEL PIPE
- NEW ALUMINIZED CORRUGATED STEEL PIPE
- NEW TYPE III REINFORCED CONCRETE PIPE
- NO OTHER MATERIALS ARE APPROVED



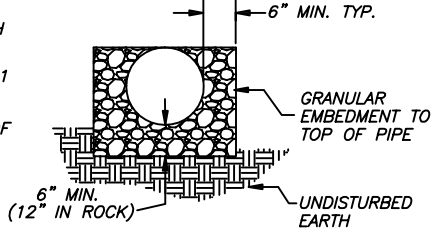
**DETAILS**

PIPE SLOPE: MATCH SLOPE OF DITCH OR AS SPECIFIED IN THE PERMIT

6:1 SHOULDER SLOPE

ALL PIPES MUST BE NEW AT TIME OF PLACEMENT.

**BEDDING DETAIL**



**CONSTRUCTION METHODS**

BACKFILL WITH 6" COMPACTED LAYER, FILLING ON BOTH SIDES UNIFORMLY. PROVIDE MINIMUM 8" COMPACTED SOIL AND MINIMUM 4" COMPACTED SS-3 OR AB-3 COVER OVER PIPE. SS-3 OR AB-3 MAY BE SUBSTITUTED FOR SOIL.



**Douglas County Public Works**

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LAWRENCE, KANSAS 66044

STANDARDS FOR  
TYPICAL RES./COMM. ENTRANCE