20-JAN-2023

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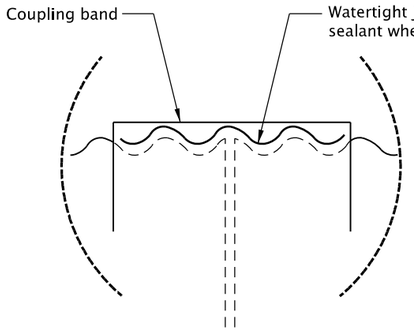
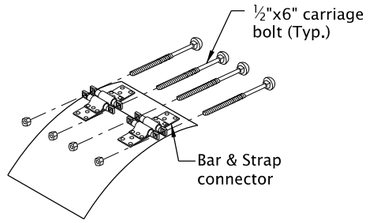
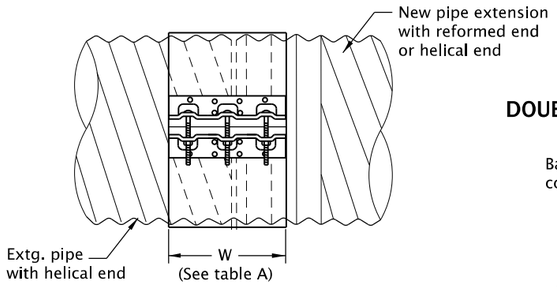


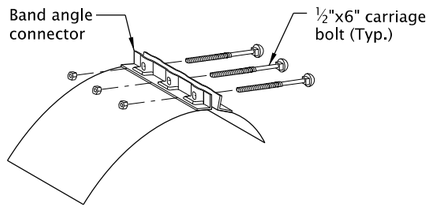
WATERTIGHT JOINT
(See general note 3)



DOUBLE BAR & STRAP CONNECTOR DETAIL



TYPE K
FLAT BAND OR DIMPLE BAND
(FOR PIPE EXTENSIONS ONLY)

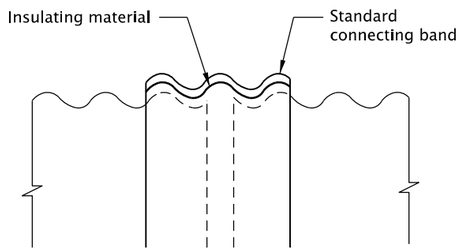


BAND ANGLE CONNECTOR DETAIL

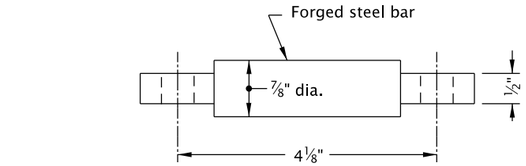
TABLE A

Band Type	Corrugations	Pipe Dia. (In)	Min. W (In)	Gasket Type
Steel	2⅔"x½"	12-48	12	Sleeve
		54-84	24	
	* 3"x1" 5"x1"	54-144	24	
Aluminum	2⅔"x½"	12-48	12	Sleeve
		54-84	24	
	* 3"x1" 5"x1"	54-96	24	

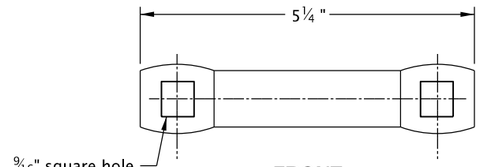
* Arch pipe only



CONNECTION DETAILS
Extending existing pipe culvert with pipe of unlike material
Type varies
(See general note 2)



TOP



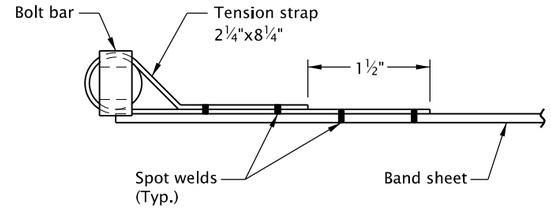
FRONT

BOLT BAR DETAIL

NOTE:
Design variations in fasteners (Straps, bars, & welds) which provide a tensile strength of 7500 lbs are permissible.

GENERAL NOTES FOR ALL DETAILS ON THIS SHEET:

1. *See Std. Dwgs. RD325 and RD326 for general notes, and details not shown.*
2. *To prevent galvanic action when unlike metals are connected, the connecting band shall be used with a full width neoprene gasket or coated with asphalt or other insulating material as approved by the engineer.*
3. *Watertight joints with gaskets are required for irrigation pipes, storm sewers, and other installations when shown on the plans. Gaskets for all coupling bands shall be (butt-cemented or vulcanized) synthetic, closed-cell sponge rubber 3/8" thick of a width equal to the band width and centering on the joint. For pipes 12 inches or less in diameter, the gasket thickness may be 3/16".*
4. *One or two piece coupling bands are optional for pipe diameters up to and including 42 inches. Coupling bands of two or more pieces are required for pipe diameters over 42 inches.*



DETAIL A
TENSION STRAP

NOTE:
Design variations in fasteners (Straps, bars, & welds) which provide a tensile strength of 7500 lbs are permissible.

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user and should not be used without first consulting a Registered Professional Engineer.

All materials shall be in accordance with the current Oregon Standard Specifications.

OREGON STANDARD DRAWINGS

COUPLING BANDS FOR CORRUGATED METAL PIPE

2024

DATE	REVISION DESCRIPTION
01-2023	REVISED DETAILS AND NOTES

CALC. BOOK NO. N/A | SDR DATE 20-JAN-2023 | **RD327**

Effective Date: June 1, 2026 - November 30, 2026