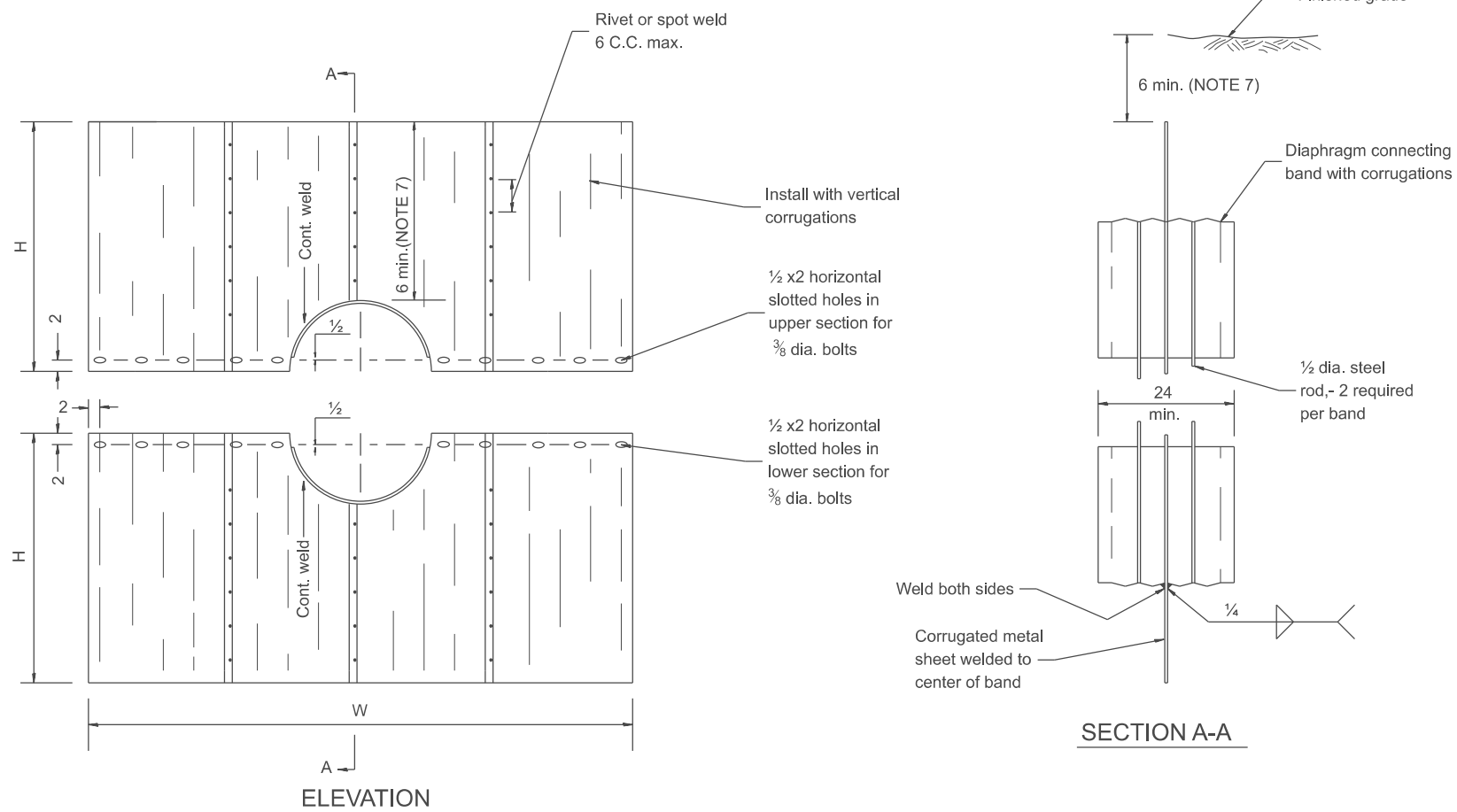


DETAILS OF CORRUGATED PIPE COLLAR

NOTES FOR COLLARS:

- Materials and coatings for all collars shall be the same as that specified for the pipe, except that bituminous coated steel or aluminum collars may be used with PVC pipe.
- Collars shall be shop fabricated, assembled and marked by painting to identify matching half sections of each collar.
- The laps between the half sections and between the pipe and connecting bands shall be caulked with fiberized asphalt mastic at the time of installation.
- All tank lugs, rods, and nuts shall be galvanized steel. Where aluminum collars are used, The rods and lugs shall be separated from the aluminum bands. By at least two (2) layers of 2 wide plastic tape with a total thickness of 2 1/4 mils or more.
- The collars shall be welded to the connecting bands as shown on the drawings, all welds shall be treated as specified for class I, II, and III welds, miscellaneous. (Refer to AWS Standard Specifications)
- Bands shall be fabricated from material having the same class of corrugations as the pipe to which it is to be attached.
- Upper half of sheet may be cut shorter to provide 6 min. earth cover.



DETAILS OF SEEPAGE COLLAR

SEEPAGE COLLAR DIMENSION TABLE

PIPE DIAMETER	NOMINAL COLLAR SIZE	FABRICATIONS DIMENSIONS	
		W(WIDTH)	H(HEIGHT)
12 15, 18 21, 24	8'x6'	8'-0"	38
27 30	8'x7'	8'-0"	3'-8"
36, 42 48	10'x7'	10'-0"	3'-8"

Collar dimensions shown may be increased to allow fabrication from standard size sheets.

SEEPAGE COLLAR SPACING	
Less than 24 pipe:	100' spacing or midpoint
Equal to or greater than 24 pipe:	80' spacing or midpoint

DESIGNER NOTES:  
1. USE WITH DISTRICT CADD STANDARD: "SLOPE DRAIN FOR BURIED PIPES"  
ADD DISTRICT SPECIAL PROVISION

MODEL: SHT\_PLAN.dwg  
FILE NAME: C:\Benitez\CONTRACTS\110110\110110.dwg  
DATE: 12/7/2022

USER NAME = Eric.Thomas	DESIGNED -	REVISED -
	DRAWN -	REVISED -
	CHECKED -	REVISED -
PLOT DATE = 12/7/2022	DATE -	REVISED -

STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION

DETAILS OF SEEPAGE COLLARS FOR BURIED PIPES

SCALE: NOT TO SCALE SHEET OF SHEETS STA. TO STA.

All dimensions are in inches unless otherwise noted.

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
DISTRICT 4 DETAIL NO. 601401		CONTRACT NO.		
ILLINOIS FED. AID PROJECT				