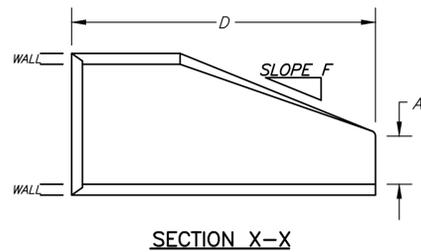
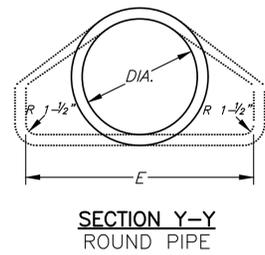
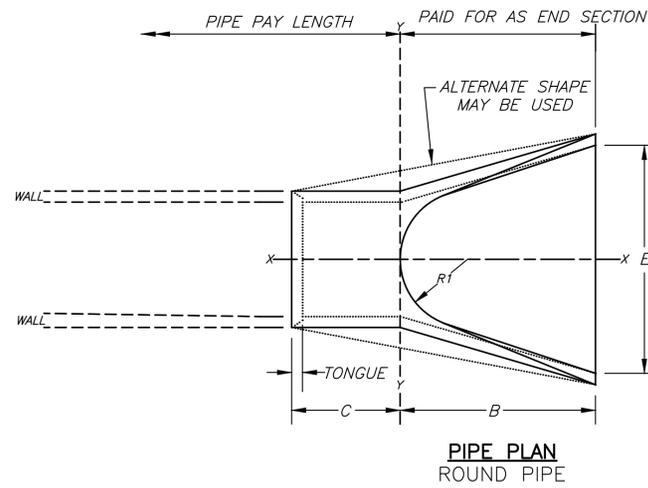
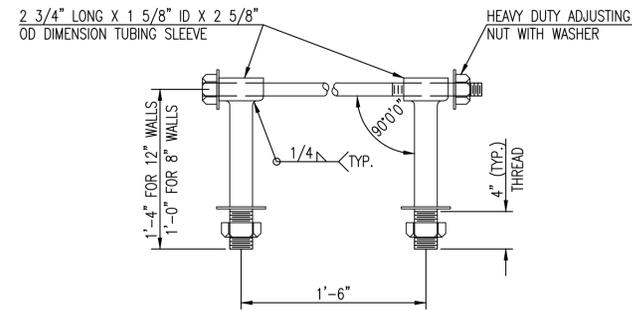


PLOTTED: Friday, August 01, 2025 @ 02:48PM
 J:\PROJECTS\2023\20230810\0431_COW_WDC_BRIDGE REPLACEMENT AT 15TH STREET\00_230431_CAD\SET\06_CIVIL\SWIS\20431_SWIS DETAILS.DWG

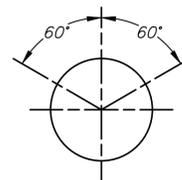


DIAM.	A	B	C	D	E	F	R1	TONGUE	WALL
18"	9"	2'-3"	3'-10"	6'-1"	3'-0"	3:1	12"	2-1/2"	2-1/2"

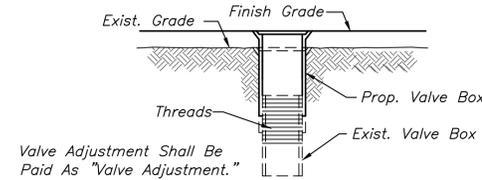


HEAVY DUTY (H.D.) COUPLER
NO SCALE

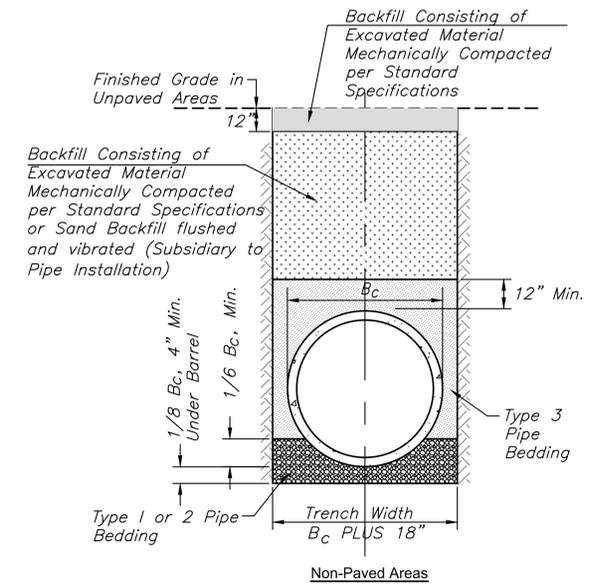
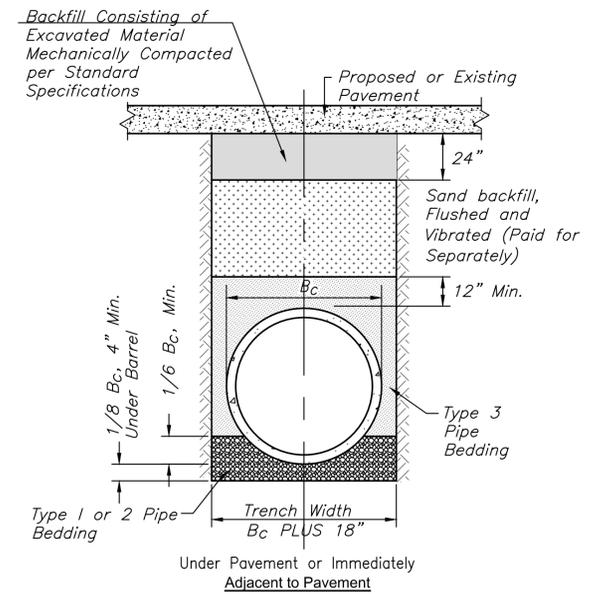
- NOTES
- BOLTS TO BE A-36 1 1/2" DIAMETER.
 - BOLTS, NUTS, WASHERS AND SLEEVES TO BE ZINC PLATED.
 - WASHERS TO BE 3 1/2" O.D. X 7 GAUGE.
 - SHIP WITH NUTS AND WASHERS PLACED ON BOLTS.
 - INSTALL PIPE COUPLER AT ALL STORM SEWER PIPE OUTFALLS. COUPLE A MINIMUM OF THREE JOINTS FROM THE END OF THE LINE.
 - TIES ARE SUBSIDIARY TO STORM SEWER INSTALLATIONS.



ROUND AND ELLIPTICAL PIPE



WATER VALVE BOX ADJUSTMENT DETAIL



STORM SEWER TRENCH DETAILS



IMPROVEMENT PLANS FOR
15TH STREET BRIDGE OVER THE WICHITA DRAINAGE CANAL
WICHITA, KS

MISCELLANEOUS DETAILS (STORM SEWER)

PROJECT NO. 472-2023-085864

SCALE NTS

DRAWN DESIGNED CHECKED
LWG JRA JRA

ISSUED FOR CONSTRUCTION 8-1-2025

NO. REVISION DATE

SHEET NO.

©2025 MKEC ENGINEERING, INC. ALL RIGHTS RESERVED WWW.MKEC.COM THESE DRAWINGS AND THEIR CONTENTS, INCLUDING, BUT NOT LIMITED TO, ALL CONCEPTS, DESIGNS, & DETAILS ARE THE EXCLUSIVE PROPERTY OF MKEC ENGINEERING, INC. (MKEC), AND MAY NOT BE USED OR REPRODUCED IN ANY WAY WITHOUT THE EXPRESS CONSENT OF MKEC.