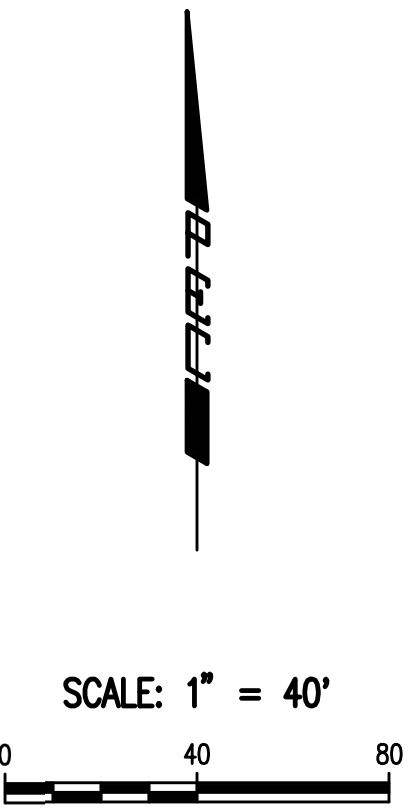




Install 42" Line Valve Vault Assembly on Existing 66" RCP
See Notes, this sheet, and See Detail, sheet no. CA 321

Remove Exist. 48" Butterfly Valve
See Notes, this sheet and Detail, sheet CA330



NOTES

1. CONTRACTOR SHALL REMOVE 48" BUTTERFLY VALVE AND REPLACE WITH A FLANGED 48" STEEL PIPE SPOOL. STEEL PIPE SHALL BE A MINIMUM 0.5" THICK AND SHALL HAVE A MINIMUM 16 MILS THICK EPOXY LINING AND COATING, PER AWWA C210.
2. CONTRACTOR TO INSTALL 42" LINE VALVE ON 66" RCP UTILIZING NECESSARY PIPE, REDUCERS, AND FITTINGS TO MAKE CONNECTIONS. THIS WORK SHALL BE CONSIDERED SUBSIDIARY TO THE BID ITEM "LINE VALVE VAULT ASSEMBLY". PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE THE EXISTING 66" RCP FORCE MAIN TO VERIFY PIPE SIZE, TYPE, FITTINGS, AND HORIZONTAL AND VERTICAL LOCATION. THE CONTRACTOR SHALL REPORT HIS FINDINGS TO THE ENGINEER SO THAT ANY NECESSARY PLAN MODIFICATIONS CAN BE MADE. ANY ADDITIONAL LABOR OR MATERIALS NECESSARY TO COMPLETE THE CONNECTION SHALL BE CONSIDERED SUBSIDIARY TO THE PROJECT.
3. THE CONTRACTOR SHALL REMOVE THE BUTTERFLY VALVE AND INSTALL THE LINE VALVE ASSEMBLY AFTER ALL PLANT 1 FLOW IS DIVERTED THRU THE PROPOSED FORCE MAIN.
4. THE CONTRACTOR SHALL DEWATER THE EXISTING 66" RCP AND PERFORM BYPASS PUMPING OF THE WEST WASTEWATER FLOWS WHILE THE VALVES ARE BEING REMOVED/INSTALLED. SCHEDULE DURING A LOW PRECIPITATION PERIOD. CONTRACTOR SHALL SUBMIT A COMPREHENSIVE WORK PLAN TO THE ENGINEER/CITY. THIS WORK SHALL BE INCLUDED IN THE LUMP SUM BID ITEM "BUTTERFLY VALVE REMOVAL"

Served 07-17-2017 9:09:58 AM by KURTIS DEKAT
 Plot Scale 1:1 07-17-2017 9:18:28 AM by KURTIS DEKAT
 U:\Wichita-Civil\2015\15554\001\Drawings\Phase 2\15554-001-CA329-BUTTERFLY VALVE REMOVAL 1

No.	Revision	By	Date
WASTEWATER PLANT 2 INFLUENT FORCE MAIN - PHASE 2 BUTTERFLY VALVE REMOVAL 1			
GARY JANZEN, P.E. - CITY ENGINEER CITY OF WICHITA PROJECT NO. 468-85202			
PEC PROFESSIONAL ENGINEERING CONSULTANTS, P.A. 303 SOUTH TOPEKA WICHITA, KS 67202 316-262-2691 www.pec1.com			
Designed by	MDK, TBK	Job No.	35-15554-1-0042
Drawn by	CSL, KTD	Date	NOVEMBER 2016
			Sht. CA329 of 60

