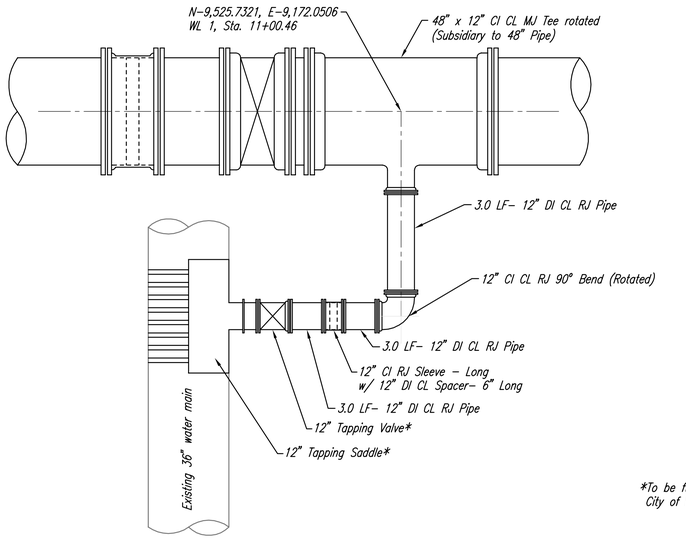
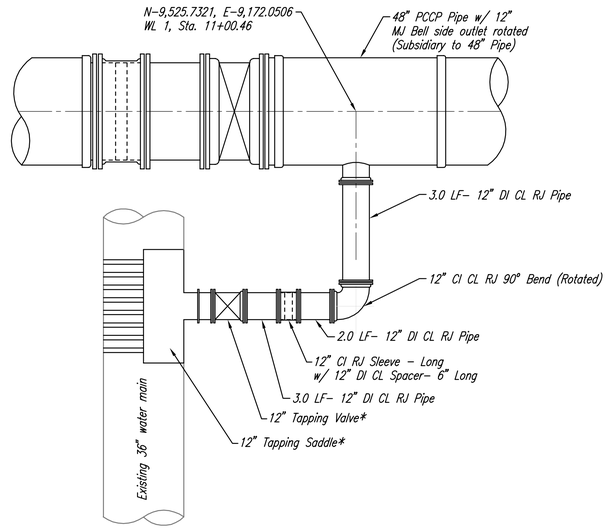


DI CL OPTION

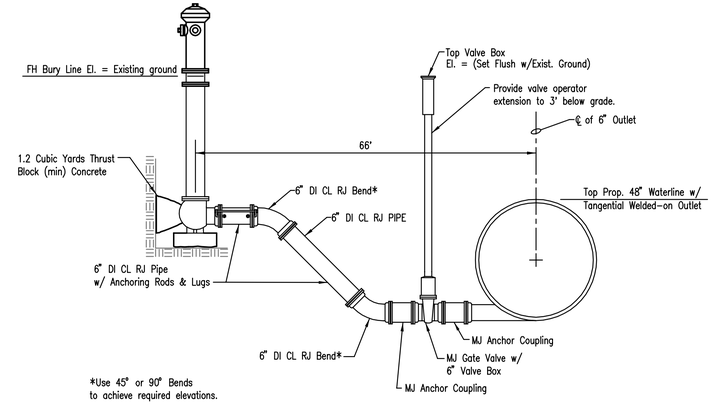


PCCP OPTION

*To be furnished and set by
City of Wichita Water Dept.

36" CONNECTION DETAIL

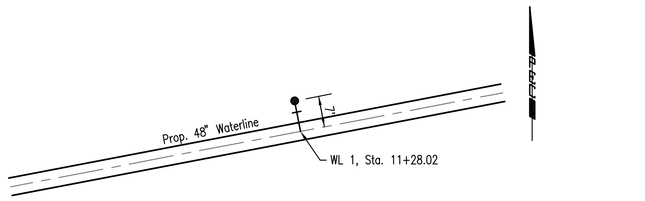
No Scale



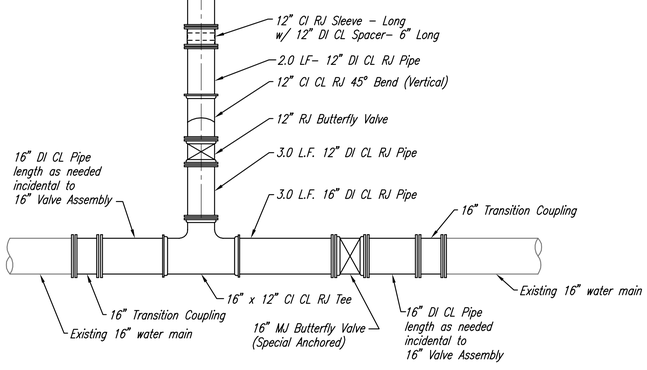
FLUSHING HYDRANT ASSEMBLY

Not to Scale

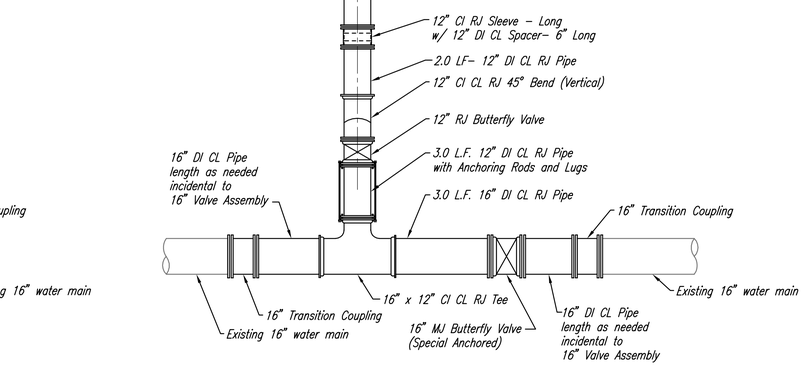
1) ALL BLOCKING TO BE POURED CONCRETE CLASS II.
2) USE STANDARD 5' BURY HYDRANT
3) ALL PIPING AND FITTINGS BETWEEN THE MAIN AND THE FIRE HYDRANT SHALL BE DUCTILE IRON.
4) FITTINGS OTHER THAN THOSE SHOWN OR ROTATED FITTINGS MAY BE REQUIRED IN ORDER TO ALIGN THE FIRE HYDRANT AT THE PLAN LOCATION. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL REQUIRED PIPE AND FITTINGS NECESSARY TO COMPLETE THE WORK AT NO ADDITIONAL COST TO THE OWNER.



FLUSHING HYDRANT LOCATION
HORIZONTAL LAYOUT



DI CL OPTION



PCCP OPTION

16" CONNECTION DETAIL

No Scale

REMOVE FULL LENGTH SEGMENTS OF EXISTING 16" AC PIPE AS NEEDED. CONTRACTOR MAY DISPOSE OF OR DELIVER TO 1825 S. McLEAN. COST INCIDENTAL TO PIPE INSTALLED.

CONNECTION DETAIL NOTES

1. CONTRACTOR SHALL NOTIFY CITY WATER DEPARTMENT A MINIMUM OF 48 HOURS BEFORE ANY CONSTRUCTION BEGINS. TIE INS SHALL OCCUR DURING PERIODS OF LOW WATER USE. CONTRACTOR SHALL SUBMIT A SCHEDULE DEPICTING DATE AND TIME OF SHUTDOWN TO THE CITY WATER DEPARTMENT FOR APPROVAL AT LEAST 2 WEEKS IN ADVANCE OF SHUTDOWN.
2. CONTRACTOR SHALL EXCAVATE THE EXISTING WATERLINE TO VERIFY JOINT LAYOUT, DEPTH, AND CONNECTION DETAIL.
3. CONTRACTOR SHALL NOTIFY ENGINEER IMMEDIATELY IF LAYING DIRECTION, SIZE, OR SPECIFIED MATERIAL TYPE DIFFERS FROM THE DETAILED DRAWING. THERE WILL NOT BE A CHANGE ORDER FOR OPPOSITE LAYING DIRECTION OR FOR MATERIAL TYPE DIFFERENCES.
4. CONTRACTOR SHALL HAVE FITTINGS, VALVES, AND APPURTENANCES ON SITE TO COMPLETE THE CONNECTION TO THE EXISTING WATERLINE BEFORE REMOVING ANY EXISTING WATERLINES.
5. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING A MINIMUM OF THREE COMPLETE SECTIONS OF THE EXISTING WATERLINE TO INSTALL THE FITTINGS, VALVES, AND APPURTENANCES TO CONNECT THE PROPOSED WATERLINE.
6. ALL OVER EXCAVATED AREAS AT THE TIE IN LOCATION SHALL BE FILLED OR ENCASED WITH EXCAVATABLE FLOWABLE FILL.
7. THE CONTRACTOR SHALL UTILIZE RESTRAINED JOINT PIPE, TIE RODS, OR OTHER APPROVAL METHODS TO RESTRAIN ALL VALVES, FITTINGS, AND PIPING AT THE VALVE AND CONNECTION LOCATIONS.
8. ALL COUPLINGS AND DUCTILE IRON FITTINGS AND APPURTENANCES SHALL BE POLY WRAPPED PER THE SPECIFICATIONS.

No.	Revision	By	Date

WATERWALK PUBLIC IMPROVEMENTS – PHASE 2 PACKAGE 2
(SOUTHEAST 48" WATERLINE – PHASE 1A)

WATERLINE DETAILS

JAMES L. ARMOUR, P.E. – CITY ENGINEER
CITY OF WICHITA PROJECT NO. 448-90182

Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202
316-262-2691 • FAX 316-262-3003

Designed by MDK	Job No. 35-05787-001-42	Sht. 35 of 47
Drawn by JGA	Date March 2006	

Saved 05-25-2006 4:48:38 PM by JGA
Plotted 5-25-2006 4:50:00 PM by JGA
J:\SENTOUT\2005\05787\001\Phase1A\2006-05-26 to COW\DWG\35-Waterline Details