

N: 1,696,628.2073, E: 1,665,001.0138
 @ 17th St. N., Sta. 226+32.63, 35' Lt.=
 WL 1, Sta. 0+00.00
 Existing 12" Water Main *
 1- 12" x 4" Tapping Sleeve
 1- 4" Tapping Valve
 1- 6" Valve Box
 (To be furnished and set by
 City of Wichita Water Dept.)
 Top Valve Box El.= 1409.0
 Contractor shall reimburse the
 City of Wichita for this work.

CAUTION !!!
 Duct Bank
 (AT&T)

CAUTION !!!
 Duct Bank
 (AT&T) **

CAUTION !!!
 Proposed Traffic
 Signal Conduit
 (by others)

N: 1,696,628.8915, E: 1,665,070.3034
 @ Oliver Ave., Sta. 126+91.0, 37.6' Rt.=
 WL 1, Sta. 0+65.76
 1- 1" Meter
 See Detail, Sheet no. 107

N: 1,696,628.8915, E: 1,665,070.3034
 @ Oliver Ave., Sta. 126+88.4, 41' Rt.=
 WL 1, Sta. 0+69.29
 1- 2" Blowoff Assembly
 See Detail, Sheet no. 106

N: 1,696,602.7110, E: 1,665,057.3470
 Remove existing Fire Hydrant
 (Salvage to City) Cut and Cap
 existing 4" Waterline (W)

Proposed Service Line (size to match exist.)
 All work associated with the Proposed
 Service Line installation shall be subsidiary
 to the bid item "Site Restoration".

N: 1,696,577.6770, E: 1,665,056.9440
 Remove existing Water Meter Vault
 and Water Meter. Contractor shall salvage
 material removed to the City of Wichita
 Maintenance. All work associated with
 removing the existing Water Meter Vault
 and Water Meter shall be subsidiary to the
 bid item "Water Meter Removed".

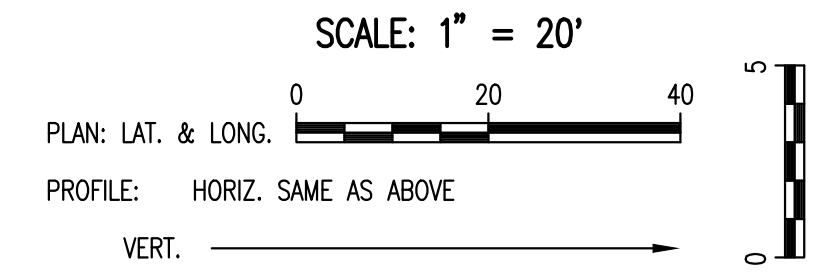
N: 1,696,253.3551, E: 1,665,054.5182
 @ Oliver Ave., Sta. 123+13.0, 18.8' Rt.=
 WL 2, Sta. 0+00.00
 Existing 8" Water Main *
 1- 8" x 6" Tapping Sleeve
 1- 6" Tapping Valve
 1- 6" Valve Box
 Top Valve Box El.= 1406.5
 (To be furnished and set by City of Wichita Water
 Dept. Contractor shall reimburse the City of Wichita
 for this work.)
 10.00' - 6" DI CL SJ Pipe (E)
 1- Fire Hydrant
 FH Bury Line El.= 1406.9

CAUTION !!!
 Duct Bank
 (AT&T) **

Remove Existing Fire Hydrant.
 Close Existing Hydrant Valve and
 Remove Valve Box (Salvage to City)

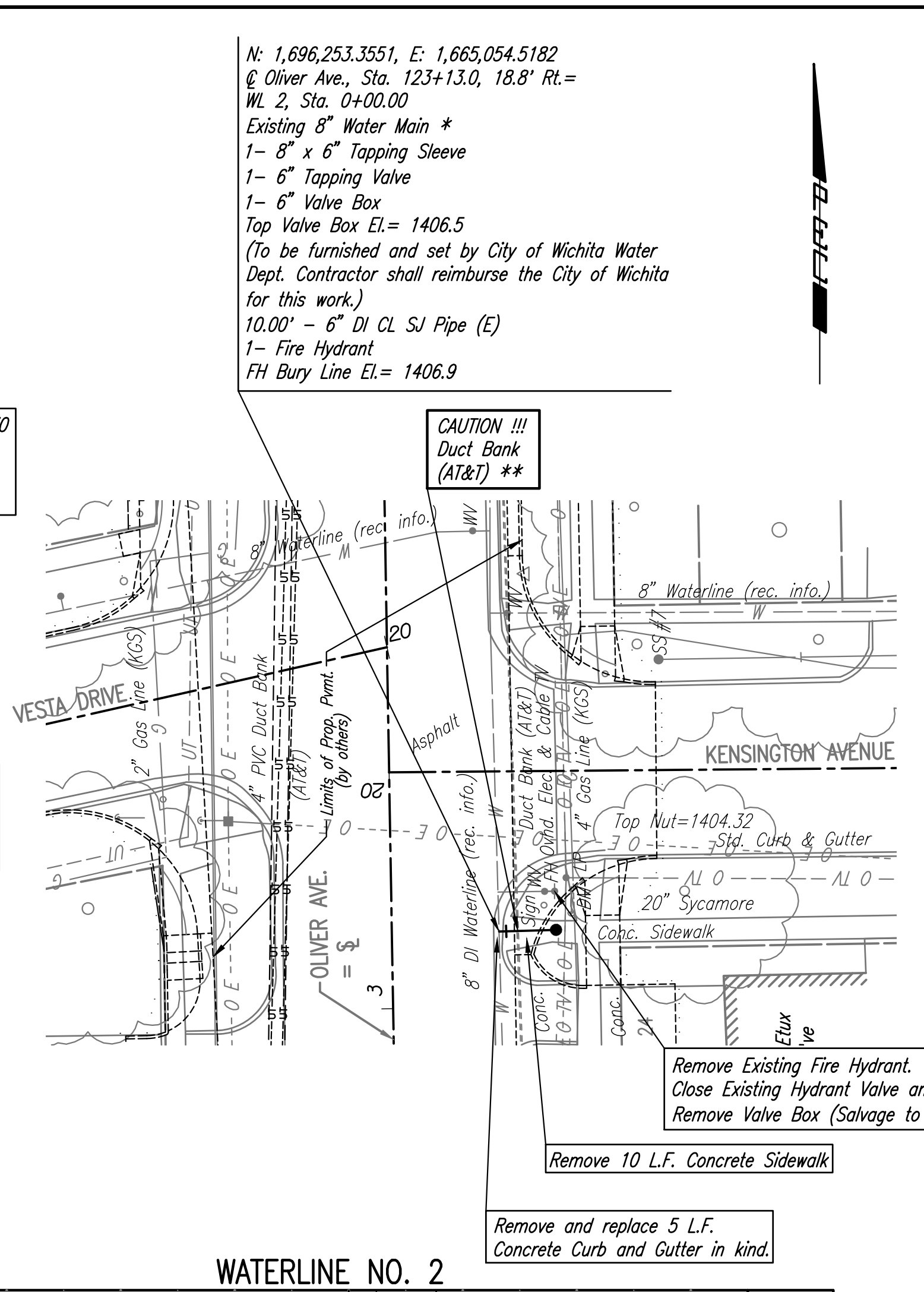
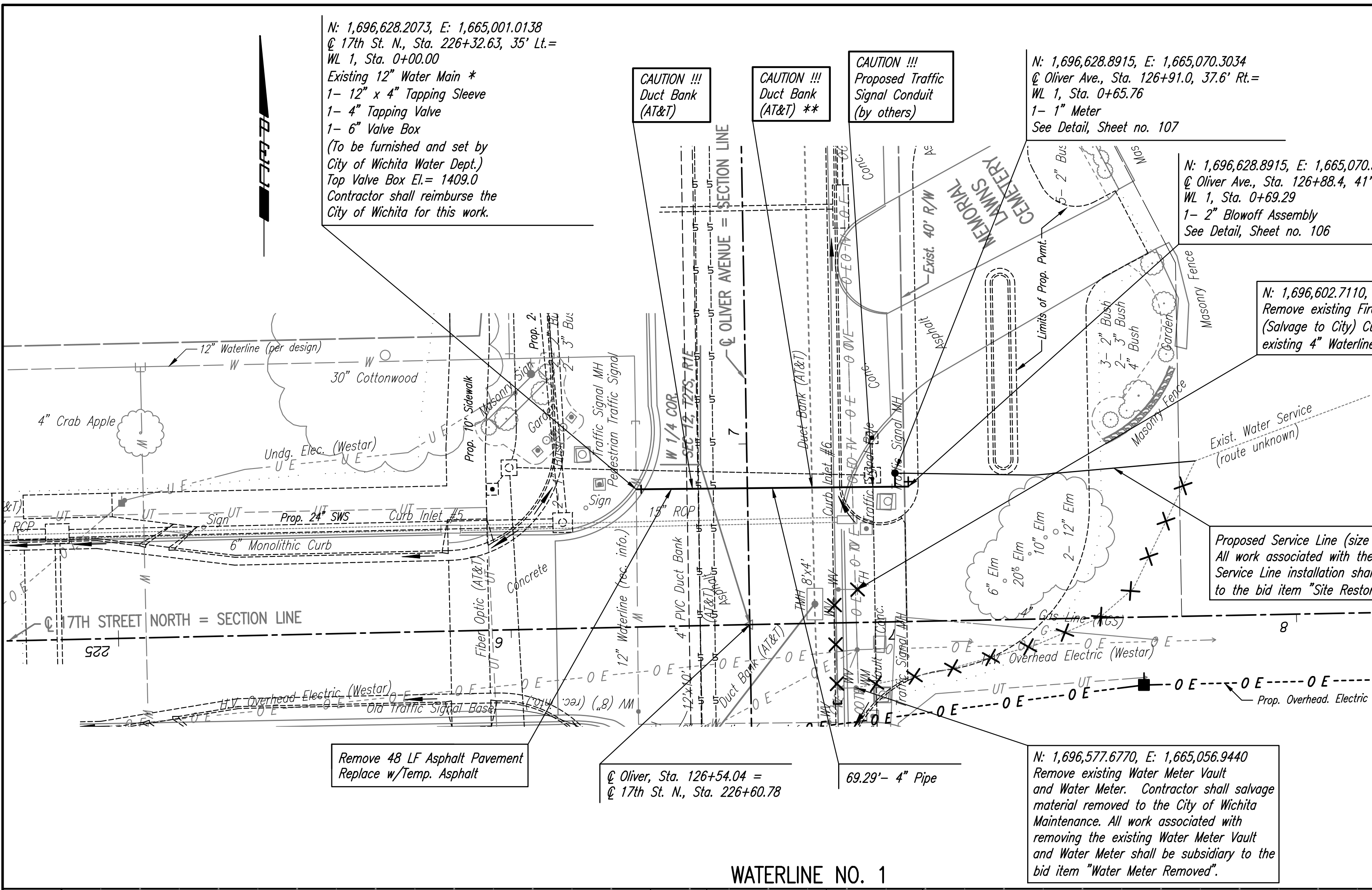
Remove 10 L.F. Concrete Sidewalk

Remove and replace 5 L.F.
 Concrete Curb and Gutter in kind.



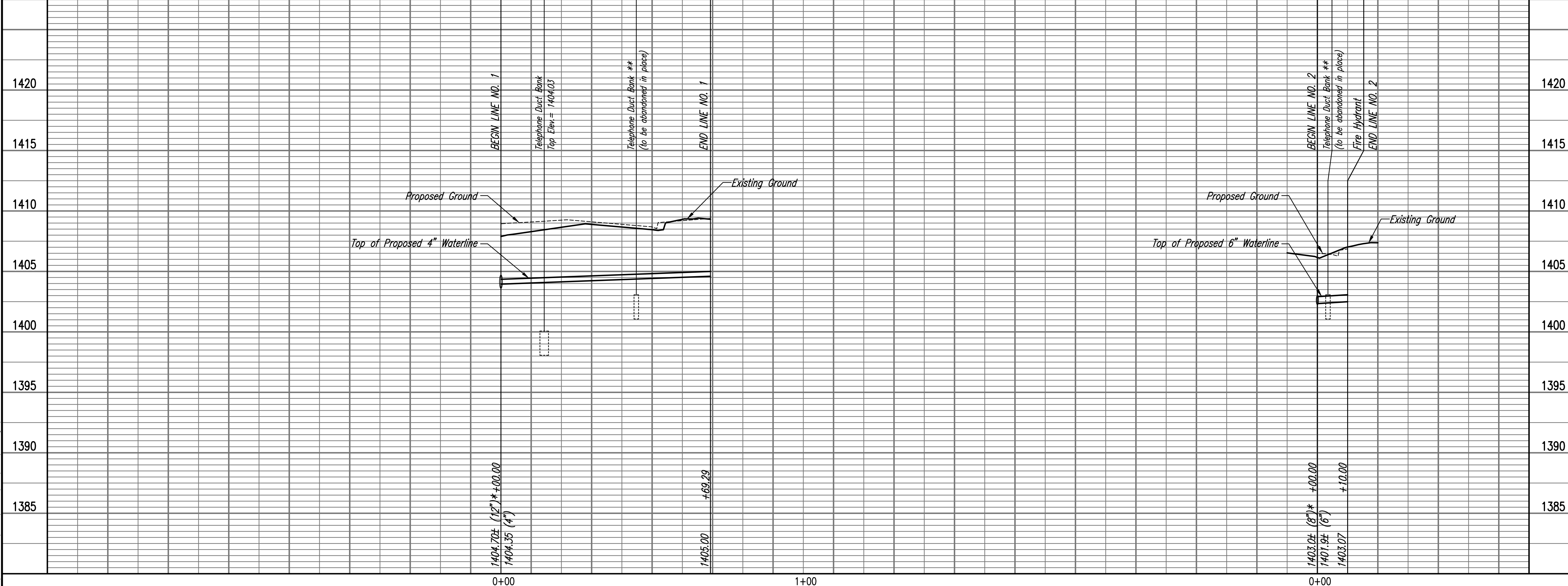
WATERLINE GENERAL NOTES

- ALL WATER MAINS AND APPURTENANCES SHALL BE INSTALLED IN ACCORDANCE WITH CITY OF WICHITA, KANSAS STANDARD SPECIFICATIONS.
- THE WATER MAIN SHALL BE CONSTRUCTED ON THE ALIGNMENT SHOWN BY THE DRAWINGS. TREES AND SHRUBS IN PUBLIC RIGHT-OF-WAY WHICH ARE IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE REMOVED BY THE CONTRACTOR WITH THE ENGINEER'S APPROVAL. TREES AND SHRUBS WHICH ARE NOT IN DIRECT CONFLICT WITH PROPOSED NEW CONSTRUCTION SHALL BE SAVED AND PROTECTED FROM DAMAGE. THE COST FOR ANY NECESSARY TREE TRIMMING, CLEARING AND/OR GRUBBING SHALL BE SUBSIDIARY TO SITE CLEARING.
- OPENING AND CLOSING WATER VALVES SHALL BE DONE SLOWLY TO PREVENT DAMAGE TO THE WATER DISTRIBUTION SYSTEM FROM WATER HAMMER. ALL VALVES CLOSED BY THE CONTRACTOR MUST BE REOPENED AS NEW CONSTRUCTION PERMITS. PROJECT INSPECTOR MUST ASCERTAIN THAT ANY VALVE CLOSED BY THE CONTRACTOR IS REOPENED. CONTRACTOR WILL BE PERMITTED TO OPERATE WATER VALVES ONLY WHEN THE PROJECT INSPECTOR ASSIGNED TO THE PROJECT IS PRESENT.



WATERLINE NO. 1

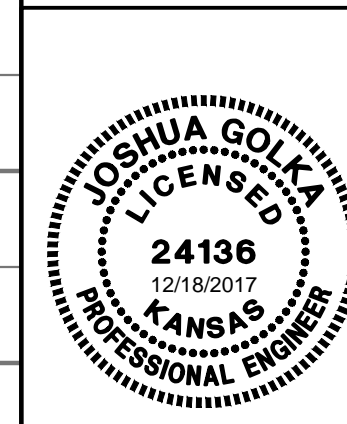
WATERLINE NO. 2



- * PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE THE EXISTING 12" WATERLINE AT WL 1, STA. 0+00.00 AND THE EXISTING 8" WATERLINE AT WL 2, STA. 0+00.00 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.
- ** EXISTING DUCT BANK TO BE ABANDONED IN PLACE BY AT&T. PRIOR TO CONSTRUCTION THE CONTRACTOR SHALL COORDINATE THE REMOVAL OF THE EXISTING ABANDONED DUCT BANK AND CABLE AS NECESSARY FOR CONSTRUCTION WITH AT&T, JASON EDWARDS AT 316-268-2008.

X = Denotes Pipe to be abandoned in place.
 □ = Denotes Cap/Plug by the contractor
 (Includes removal of existing pavement and replacement with temporary pavement.)

Scaled 12-18-2017 3:17:41 PM by SMD
 Plot Scale 1:2500
 U:\Wichita-Civil\2015\5081\000\Drawings\5081-000-C-105-WATERLINE NO. 1



No.	Revision	By	Date
17TH STREET AND OLIVER INTERSECTION			
WATERLINE NO. 1 AND NO. 2			
GARY JANZEN, P.E.-CITY ENGINEER CITY OF WICHITA PROJECT NO. 472-85214			
PROFESSIONAL ENGINEERING CONSULTANTS, P.A. 303 SOUTH TOPEKA WICHITA, KS 67202 316-262-2691 www.pec1.com			
Designed by	MDK, SAD	Job No.	15081
Drawn by	CSL, KTD	Date	August, 2015