KEY MAP

0 150' 300'

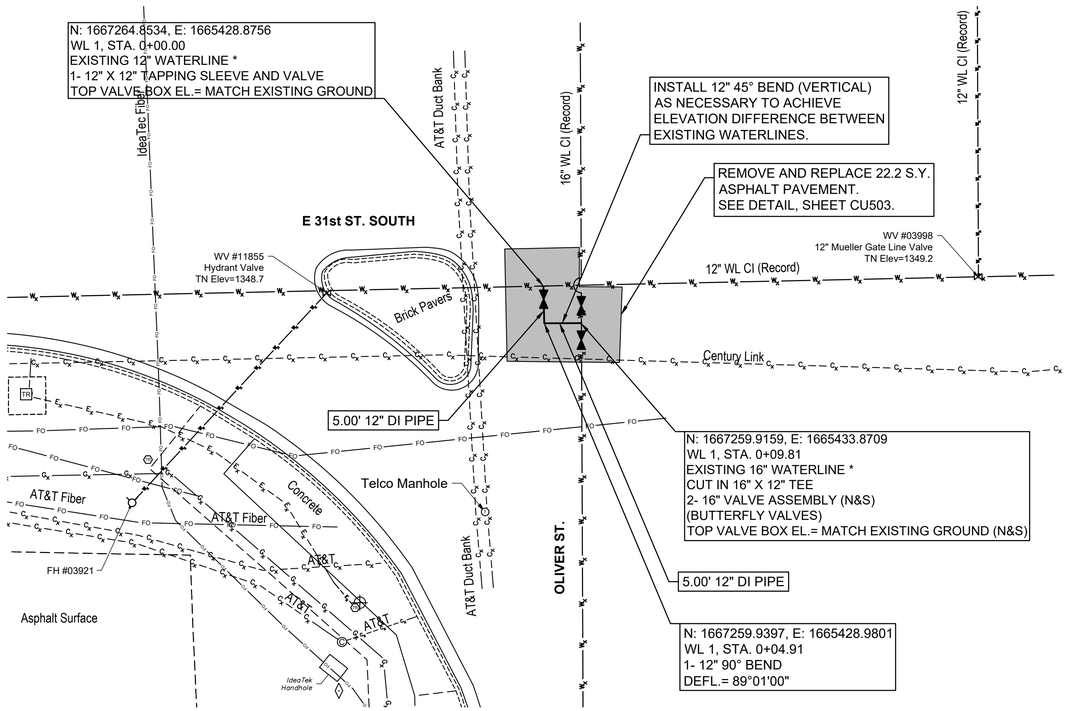
LEGEND

- EXISTING WATER MAIN WITH PIPE SIZE
- EXISTING WATER VALVE
- EXISTING FIRE HYDRANT

VERTICAL CONTROL (NAVD88, GEOID18)

BENCHMARK #1
"X" Cut found in SE/Cor Traffic Signal Pole Base
N:1,667,331.3702 E:1,665,386.2891
GPS ELEV.= 1,352.14 (NAVD88)

BENCHMARK #2
City of Wichita Brass Disk
SE/Cor Traffic Signal Pole Base
N:1,667,262.2125 E:1,665,508.7092
GPS ELEV.= 1,352.47 (NAVD88)
CITY MSL ELEV=1351.88 (NGVD29 Datum)
NCAT ELEV=1352.34 (City MSL + NCAT Conversion)



CROSS CONNECTION PLAN

0 10' 20'

* PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE THE EXISTING 12" WATERLINE AT WL NO. 1, STA. 0+00.00 AND THE EXISTING 16" WATERLINE AT WL NO. 1, STA. 0+09.81, 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.

NOTE: WATERLINE VALVES TO BE OPERATED BY CONTRACTOR ONLY IF WATER DEPARTMENT REPRESENTATIVE IS ON SITE.

SURVEY PROVIDED BY:
Merestone Surveying Job #22-07-263
NAD83 Kansas State Plane, South Zone,
US Survey Foot Grid Coordinates (NOT GROUND)
Vertical Datum: NAVD88 (Geoid18)

- KS ONE-CALL TICKET: 22498538

PEC
PROFESSIONAL ENGINEERING CONSULTANTS
303 SOUTH TOPEKA
WICHITA, KS 67202
316-262-2691 www.pec1.com

CITY OF WICHITA

GAGE SCHEER LICENSED 28775 08/29/2024 KANSAS PROFESSIONAL ENGINEER

WATERLINE IMPROVEMENTS

CROSS CONNECTION AT
31ST STREET S AND OLIVER STREET

PAUL GUNZELMAN, P.E. - CITY ENGINEER
CITY OF WICHITA ENGINEERING PROJECT NO. 448-2023-038022

Issue:		

JOB NO.	35-220496-000
DATE	MAY 2024
PM	TBK
DESIGNED BY	GAS
DRAWN BY	CSL
CHECKED BY	TBK

CROSS CONNECTION PLAN AND KEY MAP

CU101

SAVED 5/31/2024 11:20:19 AM BY CATHY LINK
PLOTTED 5/31/2024 11:22:51 AM BY CATHY LINK
U:\WICHITA-C\VIL\2022\220496\000\PEC\DRAWINGS\31ST AND OLIVER\220496-000-CU101-WATERLINE NO 1.DWG