N: 1709923.0696, E: 1653469.8070
WL No. 1, STA. 10+00.00=
CL 37TH STREET, STA. 143+53.21, 32' R
EXISTING 12" WATERLINE*
CONNECT NEW PIPE TO EXIST. 12" WATERLINE.
ALL FITTINGS, ADAPTORS, AND
OTHER INCIDENTALS NECESSARY TO
PERFORM THIS TIE IN SHOULD BE
CONSIDERED SUBSIDIARY TO THE PRICE BID
FOR PIPE.
BEGIN WL NO. 1
(5005)

N: 1709923.2410, E: 1653474.8867
WL No. 1, Sta. 10+05.08=
CL 37TH STREET, STA. 143+58.29, 32' R
1- 12" 11 1/4° RJ VERTICAL BEND
(5006)

N: 1709923.5081, E: 1653482.8016
WL No. 1, Sta. 10+13.00=
CL 37TH STREET, Sta. 143+66.20, 31' R
1- 12" 11 1/4° RJ VERTICAL BEND
(5007)

CAUTION !!!
PROPOSED 42" RCP
STORM WATER SEWER
(BY OTHERS)

CAUTION !!!
2" GAS LINE
(KGS)

N: 1709925.1740, E: 1653542.7845
WL No. 1, STA. 10+73.01=
CL 37TH STREET, STA. 144+26.20, 30' R
1- 12" 45° RJ BEND
DEFL.= 45°10'43"
(5008)

REMOVE AND REPLACE
113 L.F. CURB & GUTTER
IN KIND.

REMOVE AND REPLACE
63 S.Y. CONCRETE
PAVEMENT.

N: 1709937.8608, E: 1653554.7196
WL No. 1, STA. 10+90.43=
CL 37TH STREET, STA. 144+38.22, 18' R
1- 12" 45° RJ BEND
DEFL.= 46°23'57"
(5009)

CAUTION!!!
BURIED FIBER OPTIC LINE
(CENTURY LINK)

CAUTION !!!
30" RCP STORM
WATER SEWER

N: 1709938.4817, E: 1653656.4937
WL No. 1, Sta. 11+92.20=
CL 37TH STREET, Sta. 145+40.00, 18' R
EXISTING 12" WATERLINE*
CONNECT TO EXIST. 12" WATERLINE.
ALL FITTINGS, ADAPTORS, AND
OTHER INCIDENTALS NECESSARY TO
PERFORM THIS TIE IN SHOULD BE
CONSIDERED SUBSIDIARY TO THE PRICE BID
FOR PIPE.
END WL NO. 1
(5010)

PLAN: LAT. & LONG. 0 10' 20' 40'
PROFILE: HORIZ. SAME AS ABOVE
VERT:

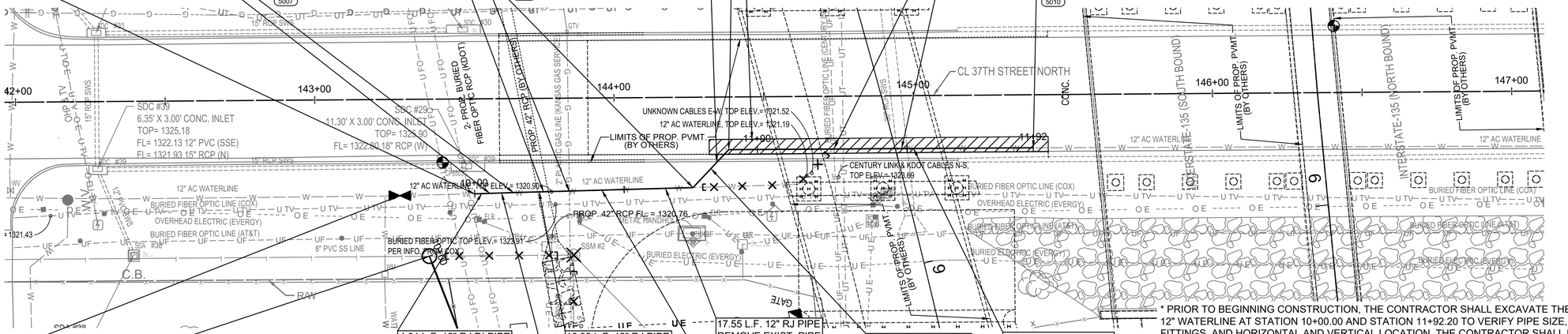
LEGEND

X = DENOTES WATERLINE TO BE ABANDONED IN PLACE.

[= DENOTES CAP/PLUG BY THE CONTRACTOR. (INCLUDES REMOVAL AND REPLACEMENT OF PAVEMENT)

⊛ = CLOSE VALVE, REMOVE VALVE BOX (SALVAGE TO CITY) (INCLUDES REMOVAL AND REPLACEMENT OF PAVEMENT)

(5000) = SEE SHEET NO. CU300 FOR WATERLINE COORDINATES (TYP.)



PROPOSED WATER VALVE
SEE SHEET NO. CU303

SANITARY SEWER ADJUSTMENT NO. 1
SEE SHEET NO. CU101

4.81 L.F. 12" RJ DI PIPE
REMOVE EXIST. PIPE

16.82 L.F. 12" RJ PIPE
REMOVE EXIST. PIPE

7.62 L.F. 12" RJ DI PIPE
REMOVE EXIST. PIPE

25.00 L.F. 12" RJ PIPE
REMOVE EXIST. PIPE

17.55 L.F. 12" RJ PIPE
REMOVE EXIST. PIPE

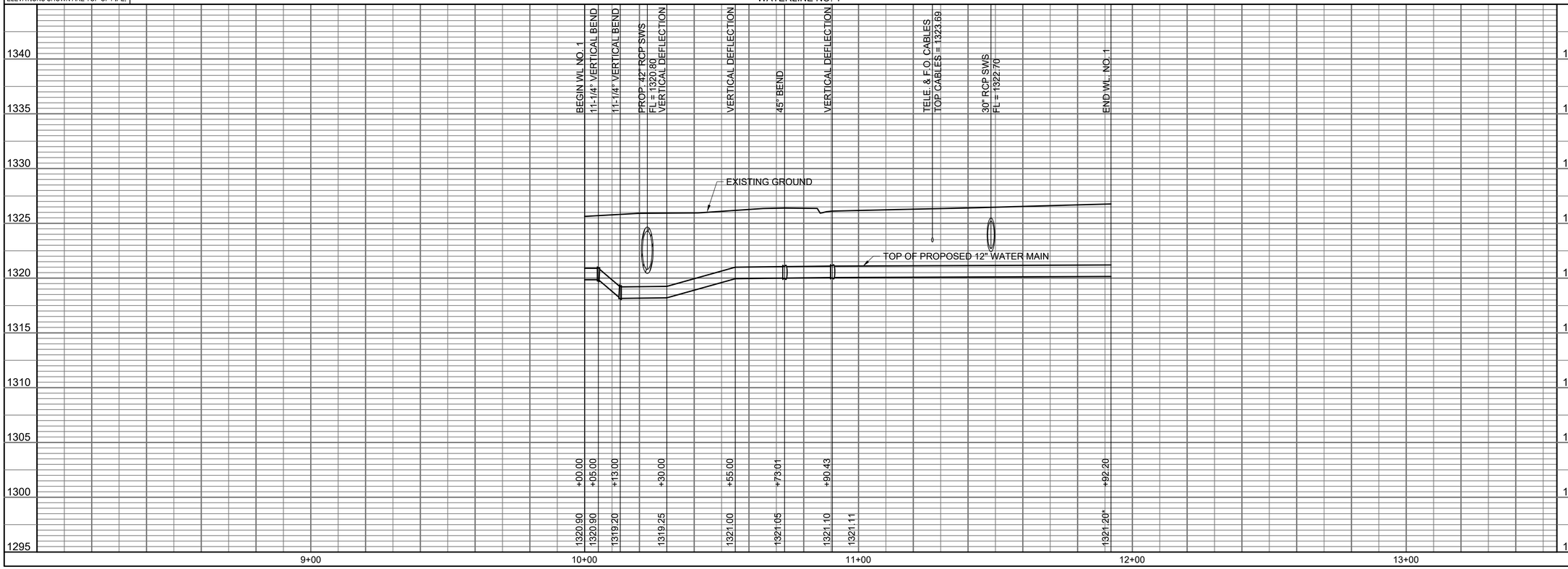
16.50 L.F. 12" RJ PIPE

101.32 L.F. 12" RJ PIPE
REMOVE EXIST. PIPE

WATERLINE NO. 1

* PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE THE EXISTING 12" WATERLINE AT STATION 10+00.00 AND STATION 11+92.20 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.

UNLESS NOTED OTHERWISE.
ELEVATIONS SHOWN ARE TOP OF PIPE.



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

CITY OF WICHITA

TREVOR KAUFMAN
LICENSED
26008
09/14/2022
KANSAS
PROFESSIONAL ENGINEER

SANITARY SEWER AND WATERLINE IMPROVEMENTS

TO SERVE

NORTH JUNCTION UTILITY RELOCATION

GARY JANZEN, P.E. - CITY ENGINEER
SS: CITY OF WICHITA PROJ. NO. 468-2021-002929
WL: CITY OF WICHITA PROJ. NO. 448-2021-034139

Issue:		

JOB NO.	35-210253-000-0042
DATE	01 JUNE 2021
PM	TBK
DESIGNED BY	TBK
DRAWN BY	KTD
CHECKED BY	RWG

WATERLINE NO. 1

CU302

SAVED 5/16/2022 10:45:16 AM BY KURTIS.DEKAT
PLOTTED 9/13/2022 11:24:29 AM BY KURTIS.DEKAT
U:\WICHITA-CIVIL\2021\210253\000\MUNI\DRAWINGS\210253-000-CU302.DWG