WATERLINE ADJUSTMENT NO. 2
See sheet no. C16

N: 1,709,691.8817, E: 1,649,718.2848
℄ 37th St. N., Sta. 107+97.66, 19.7' Rt.=
WL Adj. 3, Sta. 0+00.00
Existing 12"x 8" Tee.

N: 1,709,692.1014, E: 1,649,733.6571
℄ 37th St. N., Sta. 108+13.03, 19.7 Rt.=
WL Adj. 3, Sta. 0+15.37
Existing 12" Waterline*
Remove existing pipe as necessary and
Cut in 1- 12" CI CL MJ 22 1/2° Bend
Defl.= 22°30'08"
Connect existing pipe with fittings, adaptors,
and other incidentals as necessary.

CAUTION !!!
Buried Telephone
(AT&T)

N: 1,709,682.7134, E: 1,649,757.2707
℄ 37th St. N., Sta. 108+36.49, 29.5' Rt.=
WL Adj. 3, Sta. 0+40.78
1- 12" CI CL MJ 22 1/2° Bend
Defl.= 22°30'00"

N: 1,709,683.0135, E: 1,649,778.2686
℄ 37th St. N., Sta. 108+57.49, 29.5' Rt.=
WL Adj. 3, Sta. 0+61.78
1- 12" CI CL MJ 22 1/2° Bend
Defl.= 22°30'00"

CAUTION !!!
Buried Telephone
(AT&T)

N: 1,709,693.0725, E: 1,649,801.6042
℄ 37th St. N., Sta. 108+80.98, 19.8' Rt.=
WL Adj. 3, Sta. 0+87.19
Existing 12" Waterline*
Remove existing pipe as necessary and
Cut in 1- 12" CI CL MJ 22 1/2° Bend
Defl.= 22°30'00"
Connect existing pipe with fittings, adaptors,
and other incidentals as necessary.

N: 1,709,696.8202, E: 1,650,063.8198
℄ 37th St. N., Sta. 111+43.22, 20.2' Rt.=
WL Adj. 4, Sta. 0+00.00
Existing 12" Waterline**
Remove existing pipe as necessary and
Cut in 1- 12" CI CL MJ 22 1/2° Bend
Defl.= 22°25'18"
Connect existing pipe with fittings, adaptors,
and other incidentals as necessary.

℄ 37th St. N., Sta. 111+22.64=
℄ St. Francis St., Sta. 5+00.00

N: 1,709,690.1831, E: 1,650,080.5808
37th St. N., Sta. 111+59.88, 27.1' Rt.=
WL Adj. 4, Sta. 0+18.03
1- 12" x 8" CI CL MJ Tee
1- 8" Anchored Valve Assembly (SW)
(MJ Gate Valve)
Top Valve Box El.= 1320.7 (SW)
5.00'- 8" DI CL SJ Pipe (SW)
Remove existing 2" Blowoff and Connect
to existing 8" Waterline **

N: 1,709,690.4410, E: 1,650,080.8490
℄ 37th St. N., Sta. 111+60.15, 26.8' Rt.
Remove Existing Fire Hydrant. Close
Existing Valve and Remove Valve Box.
(Salvage to Wichita Water Utilities)
Install 1- 6" CIMJ Plug.

CAUTION !!!
Buried Telephone
(AT&T)

N: 1,709,688.3423, E: 1,650,085.2296
℄ 37th St. N., Sta. 111+64.50, 29.0' Rt.=
WL Adj. 4, Sta. 0+23.03
1- 12" CI CL MJ 22 1/2° Bend
Defl.= 22°30'00"

N: 1,709,688.6710, E: 1,650,106.2209
℄ 37th St. N., Sta. 111+85.49, 29.0' Rt.=
WL Adj. 4, Sta. 0+44.02
1- 12" CI CL MJ 22 1/2° Bend
Defl.= 22°30'00"

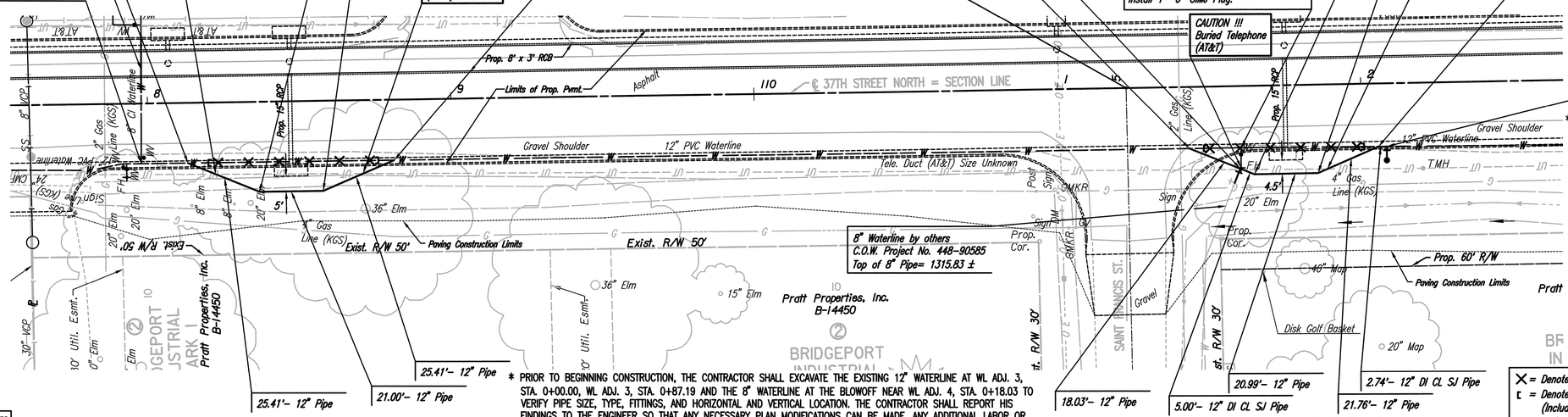
CAUTION !!!
Buried Telephone
(AT&T)

N: 1,709,697.3120, E: 1,650,126.1918
℄ 37th St. N., Sta. 112+05.60, 20.7' Rt.=
WL Adj. 4, Sta. 0+65.78
1- 12" CI CL MJ 22 1/2° Bend
Defl.= 22°30'00"

N: 1,709,697.3269, E: 1,650,128.9271
℄ 37th St. N., Sta. 112+08.33, 20.7' Rt.=
WL Adj. 4, Sta. 0+68.52
FH NO. 2
Existing 12" Waterline.**
1- Fire Hydrant Assembly
L= 4.50'
Top Valve Box El.= 1321.0
FH Bury Line El.= 1321.3
Remove existing pipe as necessary and connect to
Existing 12" Waterline. Connect existing pipe with
fittings, adaptors, and other incidentals as necessary.

** PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE THE EXISTING 12" WATERLINE AT WL ADJ. 4, STA. 0+00.00, WL ADJ. 4, STA. 0+68.52 AND AT THE CONNECTION TO THE EXISTING 8" WATERLINE (BY OTHERS) AT WL ADJ. 4, STA. 0+18.03 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.

SCALE:
PLAN: LAT. & LONG. 0 20 40
PROFILE: HORIZ. SAME AS ABOVE
VERT. 0 5

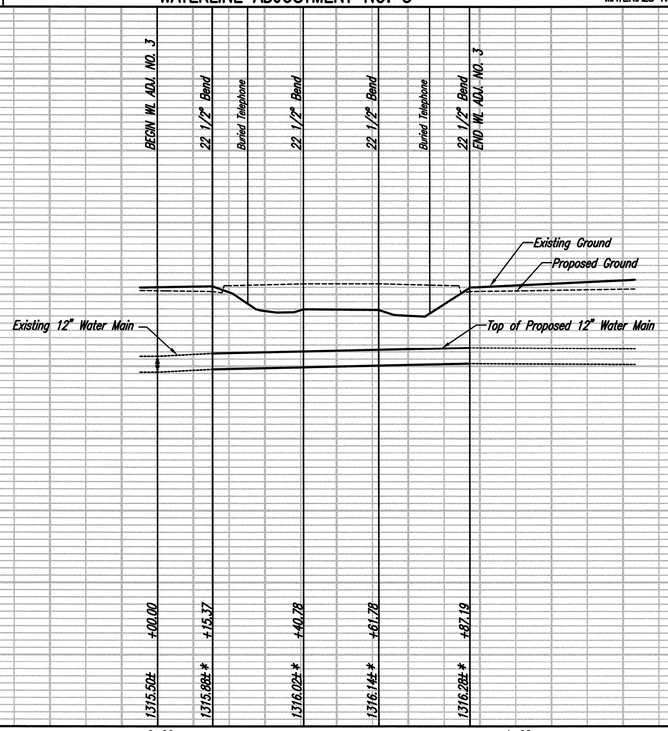


* PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE THE EXISTING 12" WATERLINE AT WL ADJ. 3, STA. 0+00.00, WL ADJ. 3, STA. 0+87.19 AND THE 8" WATERLINE AT THE BLOWOFF NEAR WL ADJ. 4, STA. 0+18.03 TO VERIFY PIPE SIZE, TYPE, FITTINGS, AND HORIZONTAL AND VERTICAL LOCATION. THE CONTRACTOR SHALL 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.

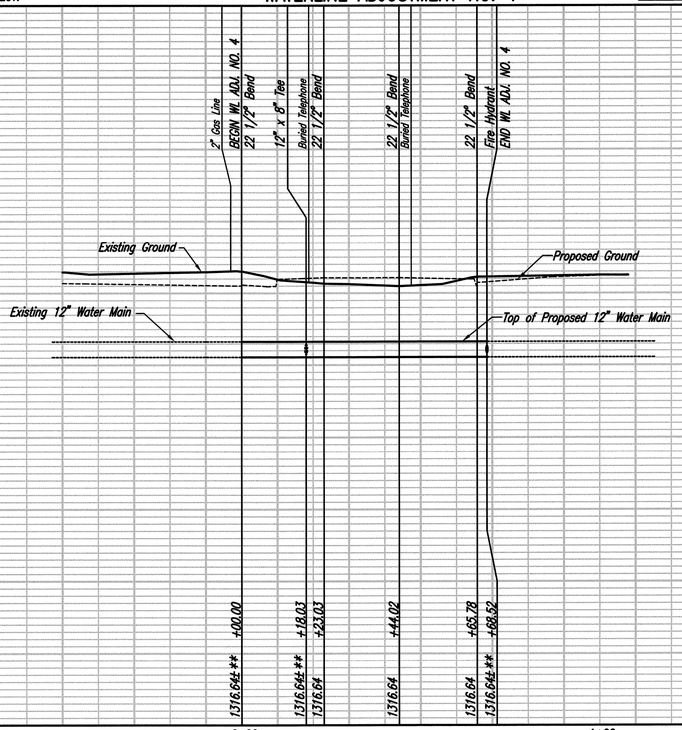
X = Denotes Pipe to be abandoned in place.
t = Denotes Cap/Plug by the contractor
(Includes removal of existing pavement and
replacement with temporary pavement.)

Unless noted otherwise, elevations shown are top of pipe

WATERLINE ADJUSTMENT NO. 3



WATERLINE ADJUSTMENT NO. 4



MICHAEL D. KELSEY
LICENSED
13944
8/31/13
KANSAS
PROFESSIONAL ENGINEER

37TH STREET NORTH - BROADWAY TO HYDRAULIC
WATERLINE MODIFICATIONS
WATERLINE ADJUSTMENT NO. 3
AND ADJUSTMENT NO. 4
GARY JANZEN, P.E. - CITY ENGINEER
CITY OF WICHITA PROJECT NO. 448-90581

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

Designed By	MDK, SAD	Job No.	35-08207-0042
Drawn By	CSL, JAN	Date	December 2011

Sheet C17 of 34

PLAN: CHECKED / CHECKED — DATE / BY
PROFILE: CHECKED / CHECKED — DATE / BY

Saved 06-19-2013 4:48:07 PM by GLM
Plot Scale 1:20 08-14-2013 11:35:17 AM by BEJ
C:\2008\08207\Waterline Adjustment Plans\08207-C17-WL Adj 03 and 04