N-1,684,326.9528, E-1,651,481.8877
℄ Waterman St., Sta. 129+36.03, 30.64' Rt.
WL Adj. 9, Sta. 0+00.00
Existing 16" Pipe*
Remove existing 16" Cap (E) and begin new 16" water main installation. Connection to existing shall be made with clean swabbed pipe.
(Fittings, adaptors, and other incidentals as necessary)

N-1,684,334.4340, E-1,651,572.9871
℄ Waterman St., Sta. 130+26.90, 25.37' Rt.
WL Adj. 9, Sta. 0+91.41
1- 16" x 8" CI CL MJ Tee
1- 8" Anchored Valve Assembly (S)
(MJ Gate Valve)
Top Valve Box El.=1297.3
7.60'- 8" DI CL SJ Pipe
Remove existing 8" pipe (S) as necessary and connect to existing 8" pipe. Connection to existing shall be made with clean swabbed pipe.
(Fittings, adaptors, and other incidentals as necessary)

N-1,684,338.8484, E-1,651,647.8633
℄ Waterman St., Sta. 131+00.68, 26.21' Rt.
WL Adj. 9, Sta. 1+66.42
1- 16" x 8" CI CL MJ Tee
1- 8" Anchored Valve Assembly (S)
(MJ Gate Valve)
Top Valve Box El.= 1297.1
5.00'- 8" DI CL SJ Pipe
1- 8" CI CL MJ 90° Bend
Defl.= 91°12'44"
20.80'- 8" DI CL SJ Pipe
Cut in 1- 8" CI CL MJ 90° Bend
Defl.= 90°00'00"
(Fittings, adaptors, and other incidentals as necessary)

N-1,684,339.3277, E-1,651,655.9923
℄ Waterman St., Sta. 131+08.82, 26.43' Rt.
WL Adj. 9, Sta. 1+74.56
1- 16" x 6" CI CL MJ Tee
1- 6" Valve Assembly (N)
(MJ Gate Valve)
Top Valve Box El.= 1297.1

N-1,684,343.8420, E-1,651,706.7400
℄ Waterman St., Sta. 131+60.77, 26.27' Rt.
WL Adj. 9, Sta. 2+47.52
1- 16" CI CL MJ 45° Bend
Defl.= 42°25'44"

N-1,684,360.2170, E-1,651,721.7384
℄ Waterman St., Sta. 131+77.11, 11.24' Rt.
WL Adj. 9, Sta. 2+47.72
1- 16" CI CL MJ 45° Bend
Defl.= 45°00'00"

N-1,684,364.5453, E-1,651,785.8511
℄ Waterman St., Sta. 132+40.36, 12.42' Rt.=
WL Adj. 9, Sta. 3+12.00
1- 16" CI CL MJ 11 1/4° Bend (Vertical)
Defl.= 7°47'58"

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

N-1,684,361.8263, E-1,651,758.4156
℄ Waterman St., Sta. 132+12.79, 12.78' Rt.=
WL Adj. 9, Sta. 2+84.43
Connect 48" Waterline to 16" Waterline
See detail sheet no. W6.

N-1,684,368.1594, E-1,651,822.3173
℄ Waterman St., Sta. 132+77.00, 11.93' Rt.=
WL Adj. 9, Sta. 3+48.65
Existing 16" Waterline *
Remove Existing 16" pipe as necessary and Install 1- 16" CI CL MJ 11 1/4° Bend (Vert.)
Defl.= 7°47'58"
Connection to existing waterline shall be made with clean swabbed pipe. Contractor to provide temporary blowoff to flush/test pipe. (Fittings, adaptors, and other incidentals as necessary)

CAUTION !!!
Buried CATV
(Cox Communications)

CAUTION !!!
Buried Telephone
(AT&T)

CAUTION !!!
Proposed 24" RCP
Storm Water Sewer

℄ Waterman St., P.C.
Sta. 130+11.88

CAUTION !!!
8" Waterline
(City of Wichita)

CAUTION !!!
Water Service Line
(City of Wichita)

CAUTION !!!
4" Gas Line
(KGS)

CAUTION !!!
8" Waterline
(City of Wichita)

WL ADJUSTMENT NO. 10
See sheet no. W25

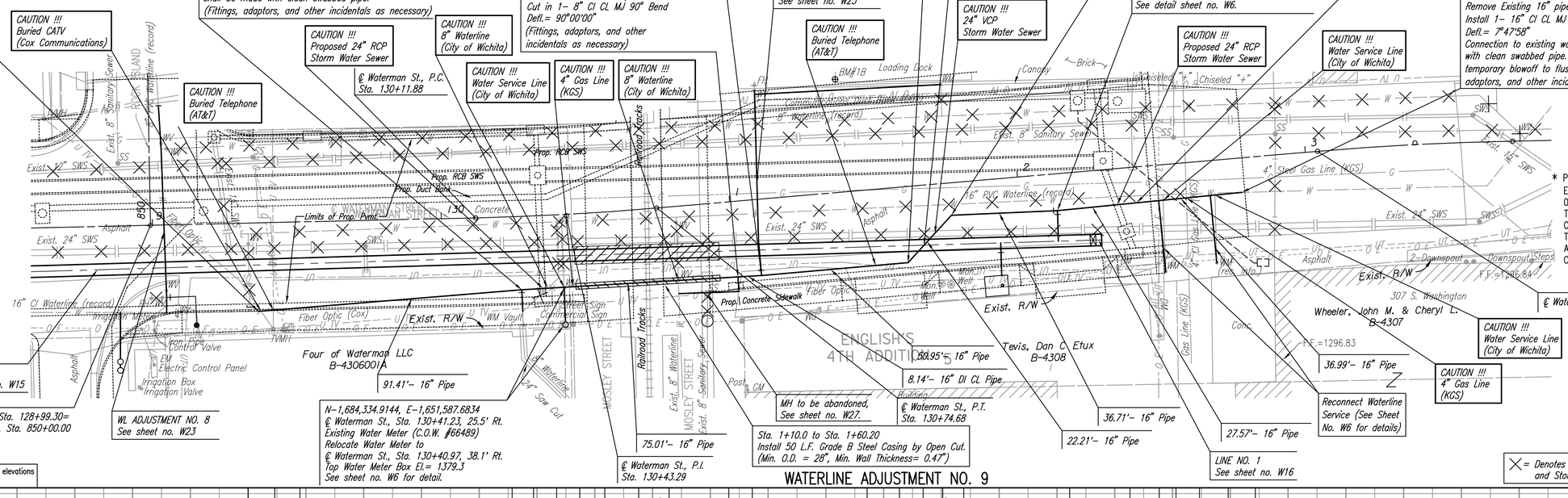
CAUTION !!!
Buried Telephone
(AT&T)

CAUTION !!!
Proposed 48"
Waterline

CAUTION !!!
24" VCP
Storm Water Sewer

CAUTION !!!
Proposed 24" RCP
Storm Water Sewer

CAUTION !!!
Water Service Line
(City of Wichita)



℄ Waterman St., P.C. Sta. 133+04.28

CAUTION !!!
Water Service Line
(City of Wichita)

CAUTION !!!
4" Gas Line
(KGS)

* PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE THE EXISTING 16" WATERLINE AT WL ADJ. NO. 9, STA. 0+00.00 AND WL ADJ. NO. 9, STA. 3+48.65 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.

LINE NO. 1
See sheet no. W15

℄ Waterman St., Sta. 128+99.30=
℄ Rock Island St., Sta. 850+00.00

WL ADJUSTMENT NO. 8
See sheet no. W23

91.41'- 16" Pipe

N-1,684,334.9144, E-1,651,587.6834
℄ Waterman St., Sta. 130+41.23, 25.5' Rt.
Existing Water Meter (C.O.W. #66489)
Relocate Water Meter to
℄ Waterman St., Sta. 130+40.97, 38.1' Rt.
Top Water Meter Box El.= 1379.3
See sheet no. W6 for detail.

75.01'- 16" Pipe

℄ Waterman St., P.I.
Sta. 130+43.29

MH to be abandoned,
See sheet no. W27.

Sta. 1+10.0 to Sta. 1+60.20
Install 50 L.F. Grade B Steel Casing by Open Cut.
(Min. O.D. = 28", Min. Wall Thickness= 0.47")

60.95'- 16" Pipe

8.14'- 16" DI CL Pipe

℄ Waterman St., P.T.
Sta. 130+74.68

36.71'- 16" Pipe

22.21'- 16" Pipe

36.99'- 16" Pipe

Reconnect Waterline
Service (See Sheet
No. W6 for details)

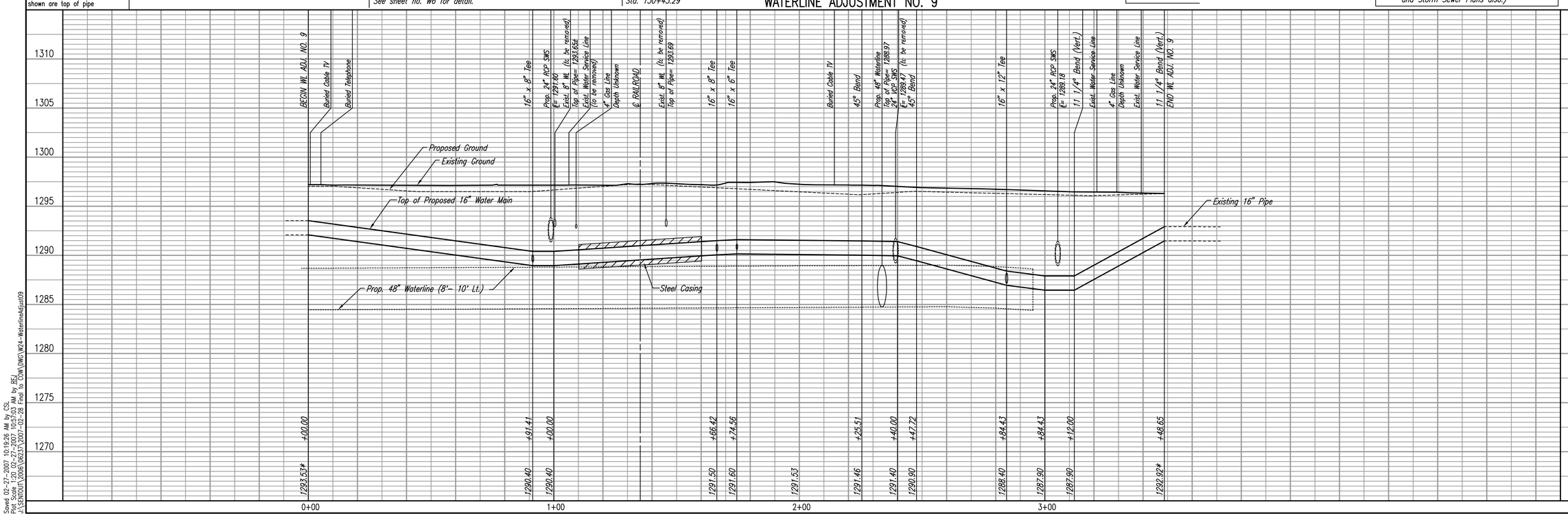
27.57'- 16" Pipe

LINE NO. 1
See sheet no. W16

Unless noted otherwise, elevations shown are top of pipe

X = Denotes Pipe to be removed. (See Paving and Storm Sewer Plans also.)

WATERLINE ADJUSTMENT NO. 9



SOUTHEAST 48" WATERLINE - PHASE 1B

WATERLINE ADJUSTMENT NO. 9

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, EJB	Job No.	35-05787-001-042
Drawn By	CSL	Date	March 2006

Sheet W24 of 31

PLAN		BY	DATE
	CHECKED		
	CHECKED		

PROFILE		BY	DATE
	CHECKED		
	CHECKED		

Saved 02-27-2007 10:19:26 AM by CSL
Plotted On 02-27-2007 10:19:53 AM by BEJ
J:\SENTOUT\2006\06237\2007-02-28 Final to COW\DWG\W24-WaterlineAdjust09