N–1,684,295.2163, E–1,650,436.1874
℄ St. Francis St., Sta. 699+84.80, 7.4' Lt.=
WL Adj. No. 4, Sta. 0+70.79
Existing 16" Waterline *
Remove existing pipe as necessary and
Install 1– 16" x 8" CI CL MJ Tee
1– 8" Valve Assembly (S)
(MJ Gate Valve)
1– 16" Valve Assembly (W)
(MJ Butterfly Valve)
Top Valve Box El.= 1295.2 (W&S)
Connection to existing 16" pipe (W) shall be made with clean swabbed pipe.
(Fittings, adaptors, and other incidentals as necessary)

N–1,684,295.3386, E–1,650,441.3925
℄ St. Francis St., Sta. 699+84.83, 2.2' Lt.=
WL Adj. No. 4, Sta. 0+76.00
1– 16" CI CL MJ 11 1/4° Bend (Vert.)
Defl.= 11°02'48"

N–1,684,350.3963, E–1,650,427.5061
℄ St. Francis St., Sta. 700+40.15, 15.0' Lt.=
Existing 6" Waterline *
Remove existing pipe as necessary and
Install 1– 2" Blowoff Assembly (N)
Proposed Top of Box Elev.= 1295.2
1 – 6" CI Cap (S)
(Fittings and Adapters as required)

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

CAUTION !!!
12" RCP
Storm Water Sewer

℄ Waterman St., Sta. 118+96.65=
℄ St. Francis St., Sta. 700+00.00

CAUTION !!!
8" RCP
Storm Water Sewer

N–1,684,295.7145, E–1,650,457.3881
℄ Waterman St., Sta. 119+10.44, 15.1' Rt.=
WL Adj. No. 4, Sta. 0+92.00
1– 16" CI CL MJ 11 1/4° Bend (Vert.)
Defl.= 11°29'11"

N–1,684,266.4250, E–1,650,436.5426
℄ St. Francis St., Sta. 699+56.01, 7.5' Lt.=
WL Adj. No. 4, Sta. 0+42.00
1– Fire Hydrant Assembly
L= 21'
Top Valve Box El.= 1295.1
FH Bury Line El.= 1295.5

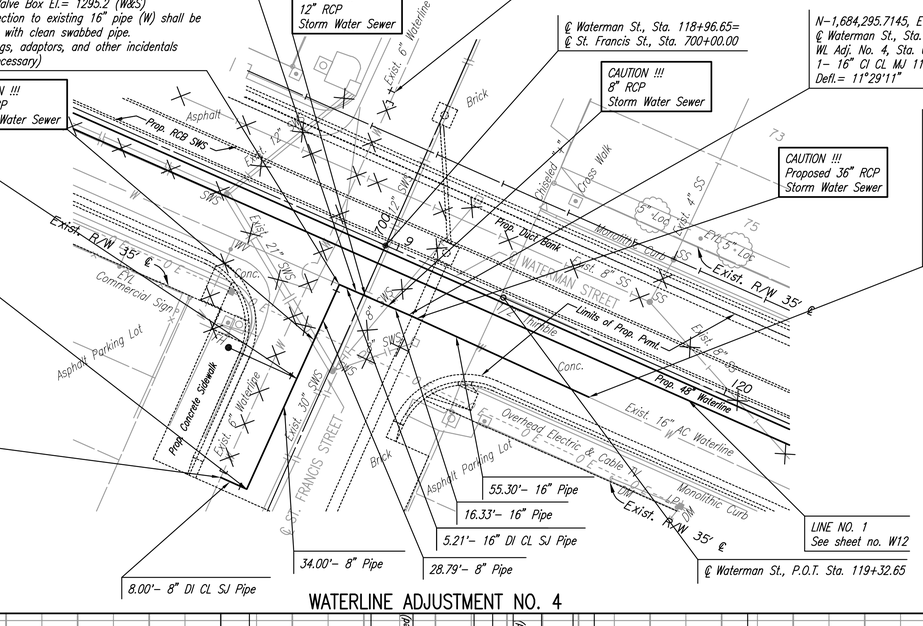
CAUTION !!!
21" RCP
Storm Water Sewer

N–1,684,232.4276, E–1,650,436.9620
℄ St. Francis St., Sta. 699+22.01, 7.7' Lt.=
WL Adj. No. 4, Sta. 0+08.00
1– 8" CI CL MJ 90° Bend
Defl.= 90°00'00"
1– 8" Anchored Valve Assembly (Special) (W)
(MJ Gate Valve)
Top Valve Box El.= 1295.2

CAUTION !!!
Proposed 36" RCP
Storm Water Sewer

N–1,684,296.1228, E–1,650,512.6820
℄ Waterman St., Sta. 119+65.71, 15.8' Rt.=
WL Adj. No. 4, Sta. 1+47.30
Existing 16" Waterline *
Remove Existing 16" pipe as necessary and begin new 16" water main installation. 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)

N–1,684,232.3289, E–1,650,428.9626
℄ St. Francis St., Sta. 699+22.04, 15.7' Lt.=
WL Adj. No. 4, Sta. 0+00.00
Existing 6" Waterline *
Cut–in 1– 6" CI CL MJ 90° Bend
Defl.= 90°00'00"
1– 8" x 6" CI CL Reducer (E)
Connection to the existing pipe shall be made with clean swabbed pipe. (Fittings, adaptors, and other incidentals as necessary)



LINE NO. 1
See sheet no. W12

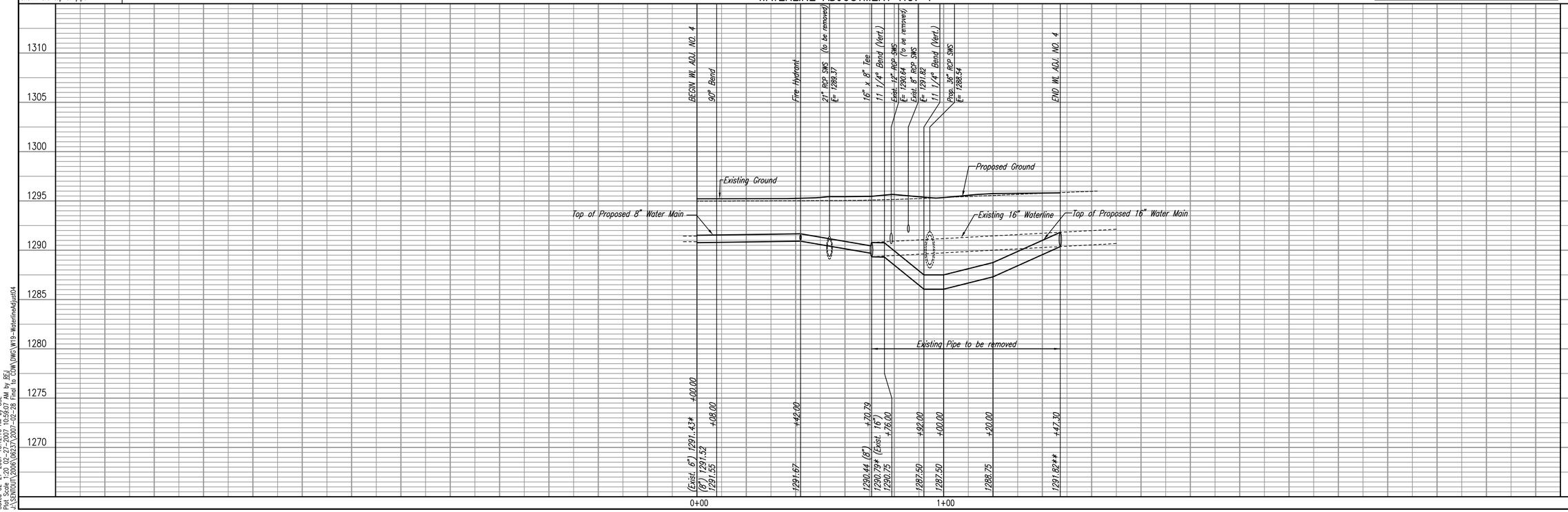
* PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE THE EXISTING 6" AND 16" WATERLINES AT STA. 0+00.00, STA. 0+70.79 AND STA. 1+47.30 TO VERIFY PIPE SIZE, TYPE, FITTINGS, AND HORIZONTAL AND VERTICAL LOCATION. THE CONTRACTOR SHALL REPORT HIS FINDINGS TO THE ENGINEER SO THAT ANY NECESSARY PLAN MODIFICATIONS CAN BE MADE. ANY ADDITIONAL LABOR OR MATERIALS NECESSARY TO COMPLETE THE CONNECTION SHALL BE CONSIDERED SUBSIDIARY TO THE PROJECT.

NOTE: CONTRACTOR SHALL INSTALL BLOWOFF AT NORTH SIDE OF WATERMAN AND INSTALL FITTING, PIPE, AND VALVE AT WL ADJ. 4, STA. 0+00.00 TO WL ADJ. 4, STA. 0+08.00 PRIOR TO INSTALING 48" WATERLINE AND ABANDONMENT OF THE EXISTING 6" WATERLINE ACROSS WATERMAN TO MAINTAIN WATER SERVICE NORTH AND SOUTH OF WATERMAN ALONG ST. FRANCIS.

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. 4



SOUTHEAST 48" WATERLINE – PHASE 1B

WATERLINE ADJUSTMENT NO. 4

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 W19 of 31

PLAN		BY	DATE
CHECKED			
CHECKED			

PROFILE		BY	DATE
CHECKED			
CHECKED			

Saved 02-27-2007 10:12:16 AM by CSL
Plot Scale 1:20 02-27-2007 10:09:07 AM by BEJ
J:\SENTOUT\2006\06237\2007-02-28 Final to CDW\DWG\W19-WaterlineAdjust04