N-1,684,297.0692, E-1,650,644.2590
℄ Waterman St., Sta. 120+97.28, 17.6' Rt.=
WL Adj. 5, Sta. 0+82.46=
WL Adj. 6, Sta. 0+29.19
16" x 12" Cross

WL ADJUSTMENT NO. 5
See sheet no. W20

℄ Waterman St., Sta. 120+82.39=
℄ Commerce St., Sta. 800+00.00

CAUTION !!!
Existing 8"
Sanitary Sewer

N-1,684,296.8593, E-1,650,615.0701
℄ Waterman St., Sta. 120+68.10, 17.2' Rt.=
WL Adj. 6, Sta. 0+00.00
Existing 16" Waterline*
Remove 16" Cap and begin new 16" water main installation.
Install 1- 16" Anchored Valve Assembly (Special) (W) (MJ Butterfly Valve)
Top Valve Box El.= 1296.0
Connection to existing waterline shall be made with clean swabbed pipe. (Fittings, adaptors, and other incidentals as necessary)

CAUTION !!!
Existing 20"
Sanitary Sewer

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

N-1,684,297.1052, E-1,650,649.2589
℄ Waterman St., Sta. 121+02.28, 17.7' Rt.=
WL Adj. 6, Sta. 0+34.19
Horizontal Deflection
Defl.= 2°30'00"

N-1,684,295.7073, E-1,650,687.6043
℄ Waterman St., Sta. 121+40.59, 19.8' Rt.=
WL Adj. 6, Sta. 0+72.56
Horizontal Deflection
Defl.= 3°16'03"

N-1,684,296.9611, E-1,650,748.4922
℄ Waterman St., Sta. 122+01.49, 19.8' Rt.=
WL Adj. 6, Sta. 1+33.46
Horizontal Deflection
Defl.= 2°19'53"

N-1,684,305.6688, E-1,650,868.3172
℄ Waterman St., Sta. 123+20.25, 20.8' Rt.=
WL Adj. 6, Sta. 2+53.60
1- 16" CI CL MJ 22 1/2° Bend (Vertical)
Defl.= 22°18'57"

CAUTION !!!
15" RCP
Storm Water Sewer

CAUTION !!!
Proposed 30" RCP
Storm Water Sewer

N-1,684,306.2197, E-1,650,875.8972
℄ Waterman St., Sta. 123+27.85, 20.9' Rt.=
WL Adj. 6, Sta. 2+61.20
1- 16" CI CL MJ 90° Bend (Rotated)
Defl.= 91°59'19" (Horizontal)
Defl.= 22°18'57" (Vertical)

N-1,684,317.5809, E-1,650,874.6740
℄ Waterman St., Sta. 123+27.77, 9.5' Rt.=
WL Adj. 6, Sta. 2+72.63
Existing 16" Waterline*
Remove pipe as necessary and
Cut in 1- 16" CI CL MJ 90° Bend
Defl.= 90°00'00"
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 !!!
Proposed 48"
Waterline

CAUTION !!!
15" RCP
Storm Water Sewer

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

* PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE THE EXISTING 16" WATERLINE AT WL ADJ. 6, STA. 0+00.00 AND WL ADJ. 6, STA. 2+72.63 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. W12

WL ADJUSTMENT NO. 5
See sheet no. W20

29.19'- 16" Pipe

224.41'- 16" Pipe

℄ Waterman St., P.O.T. Sta. 122+20.11

8.22'- 16" DI CL SJ Pipe

11.43'- 16" Pipe

Miller, Eugene J. Dec of Trust
B-4223

Trans Pacific Properties LLC
B-4298

AT & SF Railway Co.
B-4304

ENGLISH'S ADDITION
ENGLISH'S 3RD ADDITION
ENGLISH'S 4TH ADDITION
UNION STATION ADDITION

℄ WATERMAN STREET
℄ COMMERCE STREET

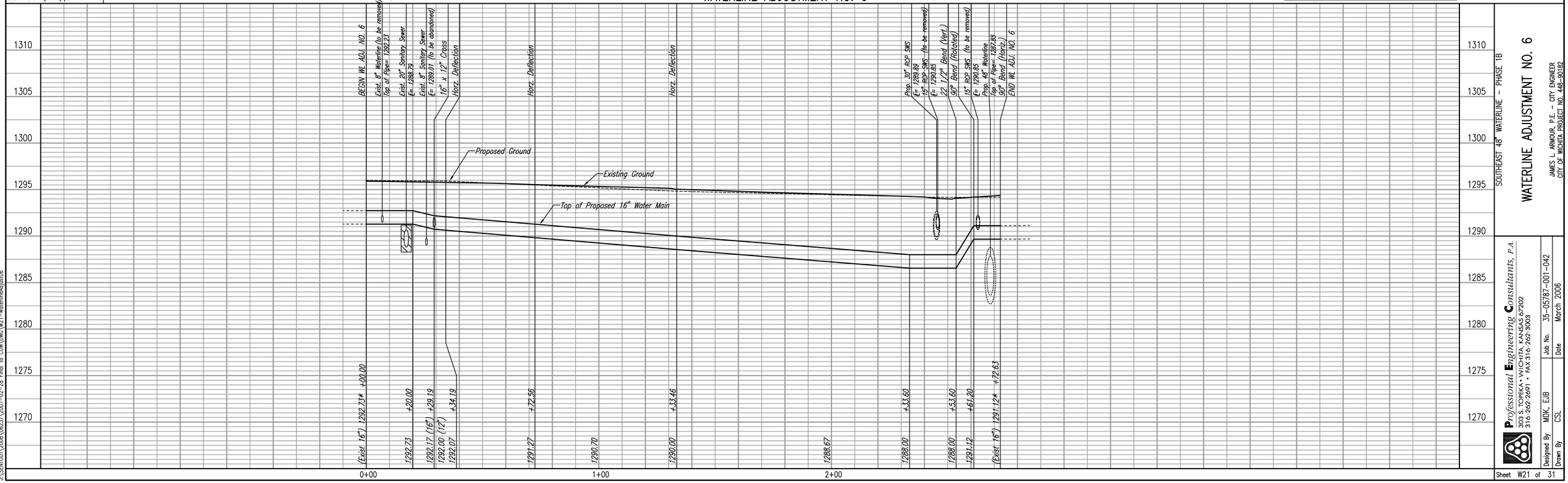
Exist. R/W
Prop. 8" Sanitary Sewer
Prop. Duct Bank
Prop. RCB SWS
Limits of Prop. Pvmt.
16" PVC Waterline (Tredford)
Prop. Concrete Sidewalk (by others)
Prop. Concrete Sidewalk
Exist. 8" Sanitary Sewer
Exist. 20" Sanitary Sewer
8" Waterline
Overhead Electric, Telephone, & Cable TV
Steel Gas Line
Abandoned Tele. Pedestal (USD259)
4" Steel Gas Line
Cable Fence
Wood Dock
Retaining Wall
N. Bridge Abutment
S. Bridge Abutment
Steel Lid (typ. 2 each side)
1/4 Bar w/Baughman Cap
Conc. Median
30" Sq. Conc. Column (typ. of 11)
Barrier
Steel Gas Line
Handrail
Top Bridge=1306.13
Railroad Tracks
Rail Road Berm
Asphalt
Brick
Concrete
Grass
Gravel
Stop Sign
Sign
Night Shiner
10" Pear
8" Pine
12" Pine
2-6" Pine
2-10" Pine

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. 6

PLAN	CHECKED	CHECKED	BY	DATE
PROFILE	CHECKED	CHECKED		



SOUTHEAST 48" WATERLINE - PHASE 1B

WATERLINE ADJUSTMENT NO. 6

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 W21 of 31

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