W.L. Sta. 0+00.00, Begin Line 1 = B.L. 1 Sta. 5+34.84, 10.76' Rt. Install 1–2"x 90° CIMJ Bend (S) Connect to Existing 2" Water Line Install 1–2" MJ Cap (N)

W.L. Sta. 0+28.03, Line 1 = B.L. 1 Sta. 5+46.67, 27.00' Rt. Install 1–8" 45° CIMJ Bend (Dn)

CAUTION Existing 48" Water Crossing

B.L. 1 Sta. 6+06.12, 30.19 Lt. IRON @ NW Prop Corner Arkansas Ave & 16th Street

DANGER Existing OHE Crossing

CAUTION Existing 12" SWS Crossing

CAUTION Existing 15" SWS Crossing

CAUTION Existing GSL Crossing

CAUTION Existing GSL Crossing

Note: See Water Meter Table For Service Locations.

0 10 20

SCALE:
1" = 20' Horizontal
1" = 5' Vertical

Install 3.29 L.F. 8" DICL Pipe

CAUTION Existing 2"AquilaGas Crossing

Remove & Replace In Kind Pavement, Curb & Gutter As Necessary For Water Main Const.

Install 16.20 L.F. 2" Pipe Swabbed with Chlorine

Install 8.83 L.F. 8" (RJ) DICL Pipe

Install 2.59 L.F. 8" DICL Pipe

Proposed Drilling Area

W.L. Sta. 5+31.42 Line 1 = B.L. 1 Sta. 10+50.00 = Match Point.

ARKANSAS

LINE 2

LINE 1

16TH

Remove & Replace Sidewalk & Wheel Chair Ramp As Necessary For Water Main Const.

W.L. Sta. 0+16.20, Line 1 = B.L. 1 Sta. 5+34.84, 27.00' Rt. Install 1–2" Service Outlet Assy (W) Install 3.00 L.F. 8" DICL Pipe (S) Install 1–2" Blowoff Assy (S) Extend 8" Water Main North. Valve Box Elev. 1306.35 Top

W.L. Sta. 0+28.03, Line 1 = B.L. 1 Sta. 5+46.67, 27.00' Rt. Install 1–8" 45° CIMJ Bend (Dn)

W.L. Sta. 00+19.20, Line 1 = B.L. 1 Sta. 5+37.84, 27.00' Rt. Install 3.00 L.F. 8" DICL Pipe (S) Install 1–8" Anchor Valve Assy Special. (Gate Valve) Valve Box Elev. = 1306.35 Top

Install 43.56 L.F. 8" Pipe

W.L. Sta. 0+73.92, Line 1 = B.L. 1 Sta. 5+92.56, 27.00' Rt. Install 1–8" 45° CIMJ Bend (Up)

W.L. Sta. 0+75.75, Line 1 = B.L. 1 Sta. 5+94.39, 27.00' Rt. Install 1–8" CIMJ 45° Bend (Dn) Extend 8" Water Main North.

Install 455.67 L.F. 8" Pipe

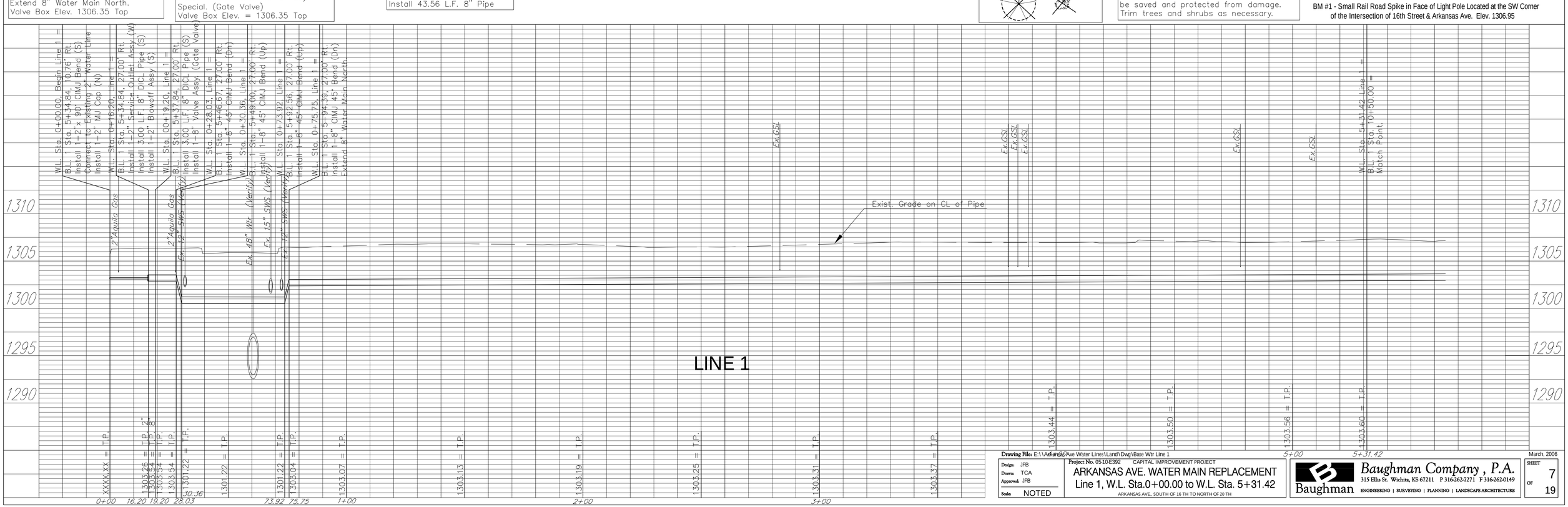
Abandon Existing 2" Water Line in Place in Accordance with City of Wichita Specs. Seal Both Ends. All Services Must Be Connected To New Main Prior to Abandonment.

NOTE:
Trees/Shrubs to be removed are marked thus:

Trees and shrubs which are not in direct conflict with Water Main Construction shall be saved and protected from damage. Trim trees and shrubs as necessary.

Benchmark

BM #1 - Small Rail Road Spike in Face of Light Pole Located at the SW Corner of the Intersection of 16th Street & Arkansas Ave. Elev. 1306.95



Drawing File: E:\1 Arkansas Ave Water Lines\Land\Dwg\Base Wtr Line 1

March, 2006

Design: JFB	Project No. 05-10-E392 CAPITAL IMPROVEMENT PROJECT
Drawn: TCA	ARKANSAS AVE. WATER MAIN REPLACEMENT
Approved: JFB	Line 1, W.L. Sta.0+00.00 to W.L. Sta. 5+31.42
Scale: NOTED	ARKANSAS AVE., SOUTH OF 16 TH TO NORTH OF 20 TH

Baughman Company , P.A.
315 Ellis St. Wichita, KS 67211 P 316-262-7271 F 316-262-0149
Baughman ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

SHEET 7 OF 19