Benchmark

BM #3 - City of Wichita Disc Located at the SW Corner of Bridge at Little Arkansas River & 18th Street at West End of Handrail. Elev. 1311.59

BM #4 - City of Wichita Disc Located at the SE Corner of Bridge at Little Arkansas River & 18th Street at East End of Handrail. Elev. 1311.56

Remove & Replace In Kind Sidewalk As Necessary For Water Main Construction.

CAUTION Existing 3" KGS Gas Crossing

W.L. Sta. 14+17.71, Line 1 = B.L. 1 Sta. 19+23.63, 27.00' Rt. Install 1–8"x 8" CIMJ Tee (E) Install 1–8" Anch Valve Assy. (Gate Valve)(E) Valve Box Elev. = 1307.85 Top Install 16.00 L.F. 8" Pipe (E)

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

Install 18.29 L.F. 8" Pipe

W.L. Sta. 14+36.00, Line 1 = B.L. 1 Sta. 19+41.96, 27.00' Rt. Install 1–Fire Hydrant Assy. (W) L = 4.63' Valve Box Elev. 1308.14 Top Bury Line Elev. 1308.09

Remove & Salvage Ex. Fire Hydrant & Valve Box. Deliver to City of Wichita Install 1–6" MJ Cap On FH Branch

DANGER Existing OHE Crossing

CAUTION Existing 39" SWS Crossing

CAUTION Existing 6" Water Crossing

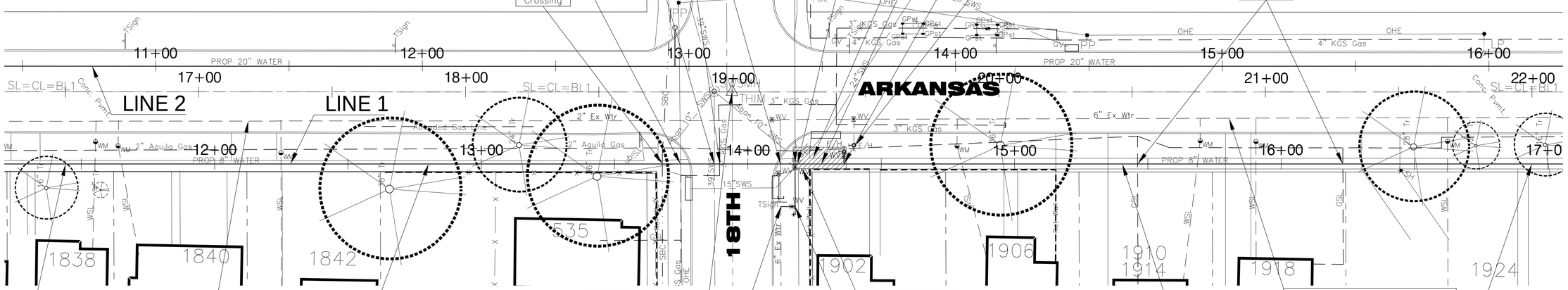
CAUTION Existing 15" SWS Crossing

CAUTION Existing SBC Crossing

CAUTION Existing GSL Crossing

Note: See Water Meter Table For Service Locations.

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



W.L. Sta. 11+44.08 Line 1 = B.L. 1 Sta. 16+50.00 = Match Point.

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.

Install 273.63 L.F. 8" Pipe

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.

B.L. 1 Sta. 19+00.00 = THIMBLE @ Intersection of Center Line Arkansas Ave & 18th Street

B.L. 1 Sta. 19+18.25, 43.00' Rt. Install 1–6"x 90° CIMJ Bend (E) Connect to Existing 6" Water Line (E) Install 1–6" MJ Cap (W)

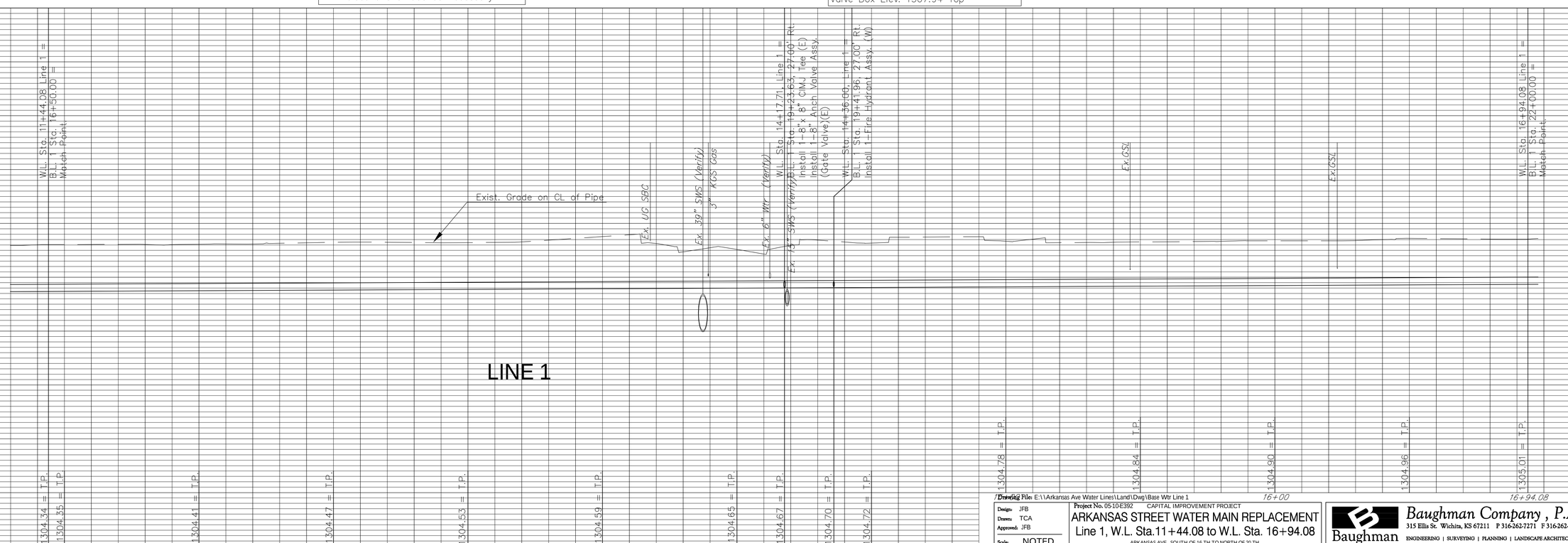
Proposed Drilling Area

W.L. Sta. 14+17.71, 16.00' Rt. Line 1 = B.L. 1 Sta. 19+23.63, 43.00' Rt. Install 1–8"x 6" CIMJ Tee (S) Install 1–6" Valve Assy (S) Valve Box Elev. 1307.94 Top Install 5.38 L.F. 6" DICL Pipe (S) Install 3.00 L.F. 8" DICL Pipe (E) Install 1–2" Blowoff Assy (E) Valve Box Elev. 1307.94 Top

Abandon Existing 6" 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.

Install 258.08 L.F. 8" Pipe

W.L. Sta. 16+94.08 Line 1 = B.L. 1 Sta. 22+00.00 = Match Point.



LINE 1

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

Design: JFB
Drawn: TCA
Approved: JFB
Scale: NOTED

Project No. 05-10-E392 CAPITAL IMPROVEMENT PROJECT

ARKANSAS STREET WATER MAIN REPLACEMENT
Line 1, W.L. Sta.11+44.08 to W.L. Sta. 16+94.08
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

March, 2006

SHEET 9 OF 19