W.L. Sta. 11+91.51, Line 1 =
B.L. 1 Sta. 20+00.00 =
Match Point.

W.L. Sta. 12+62.37, Line 1 =
B.L. Sta. 20+70.86, 42.00' Lt.
Install 8.00 L.F. 2" Pipe
Install 1–2" Custom Set & Service
Reconnect Water Service
Valve Box Elev. = 118.54
Remove Existing Vault

W.L. Sta. 13+71.59, Line 1 =
B.L. 1 Sta. 21+80.09, 42.00' Lt.
Deflect Pipe 3°54'34" W

W.L. Sta. 14+59.59 =
B.L. 1 Sta. 22+67.88, 48.00' Lt.
Deflect Pipe 3°54'34" E

Install 88.00 L.F. 12" Pipe

PROP
24" SWS
Crossing

CAUTION
Existing
UGAT&T
Crossing

CAUTION
Prop KGS
Gas
Crossing

CAUTION
Existing
8" & 36"
Water
Crossing

CAUTION
Existing
3" Gas
Crossing

W.L. Sta. 15+44.07, Line 1 =
W.L. Sta. 00+00.00, Line 4 =
W.L. Sta. 00+00.00, Begin Line 5 =
B.L. 1 Sta. 23+52.36, 48.00' Lt.
Install 1–12"x 8" CIMJ Cross (EW)
Install 2–8" Anch Valve Assy. (Gate Valve)(EW)
Install 1–12" Valve Assy. (Butterfly Valve)(N)
Valve Box Elev. = 117.89 Top(E)
Valve Box Elev. = 118.81 Top(NW)

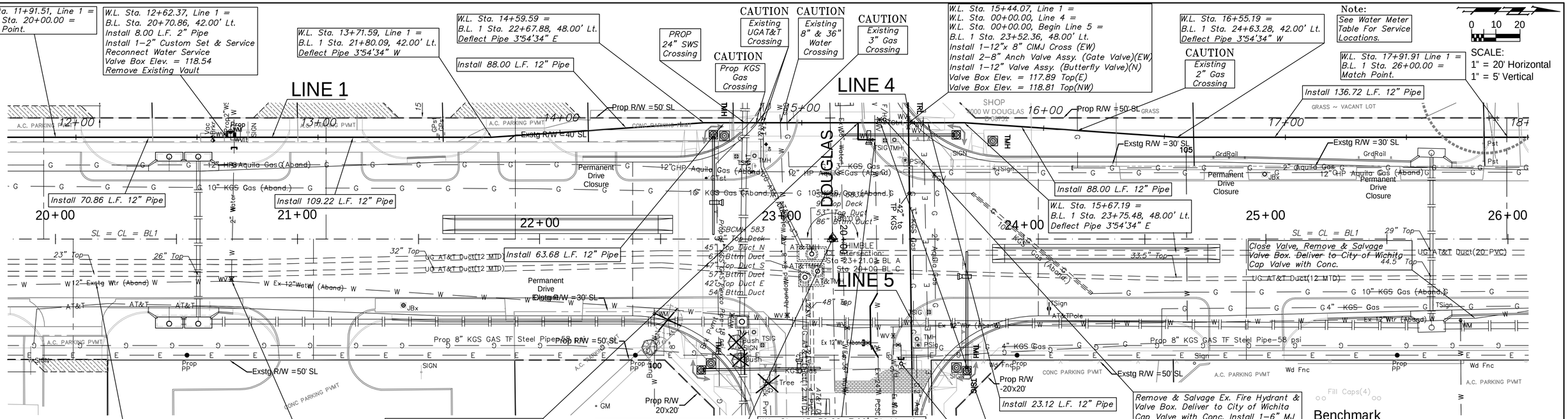
W.L. Sta. 16+55.19 =
B.L. 1 Sta. 24+63.28, 42.00' Lt.
Deflect Pipe 3°54'34" W

CAUTION
Existing
2" Gas
Crossing

Note:
See Water Meter
Table For Service
Locations.

W.L. Sta. 17+91.91 Line 1 =
B.L. 1 Sta. 26+00.00 =
Match Point.

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



W.L. Sta. 15+67.19 =
B.L. 1 Sta. 23+75.48, 48.00' Lt.
Deflect Pipe 3°54'34" E

Abandon Existing 12" 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.

Close Valve, Remove & Salvage Valve Box. Deliver to City of Wichita. Cap Valve with Conc. Install 1–2" MJ Cap On Service Branch

W.L. Sta. 15+23.27 Line 1 =
B.L. 1 Sta. 23+31.56, 48.00' Lt.
Install 1–12" CIMJ Tee (E) Rolled
Install 7.00 L.F. 12" DICL Pipe (E)
Install 1–12" CIMJ 90° Bend (N)
Install 7.00 L.F. 12" DICL Pipe (N)
To Tapping Valve (See Detail Sh 13)

B.L. 1 Sta. 23+21.03 =
B.L. 3 Sta. 20+00.00 =
THIMBLE @ Intersection of
Center Line West Street & Douglas

W.L. Sta. 15+30.28, 7.00' Rt. Line 1 =
B.L. 1 Sta. 23+38.56, 41.00' Lt.
Tap Existing 24" PCSC Water Line
1–24 x 12" Tapping Sleeve
1–12" Tapping Valve w/Valve Box
Valve Box Elev. = 118.43 Top
To Be Furnished & Installed By
City of Wichita Water Dept.

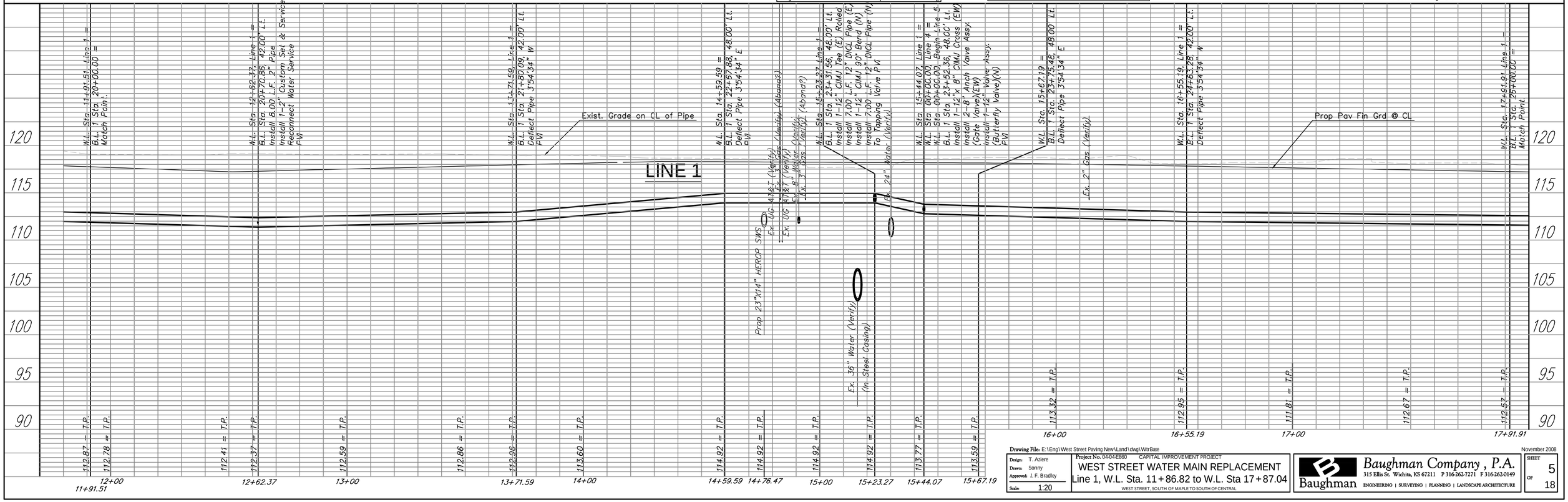
Remove & Salvage Ex. Fire Hydrant & Valve Box. Deliver to City of Wichita. Cap Valve with Conc. Install 1–6" MJ Cap On FH Branch

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

Benchmark

BM #2 – "□" on Top Parking Island 7.0' N. and 24.0' W. of the N.W. Corner Bldg. #220 (West St.)
Elev. = 120.44' City Datum

BM #3 – "□" on Top of 0.8' Curb at S.W. Corner Lot 4, Black & Towns Add., 156'± E. and 40'± N. of ℄ of Both Douglas and West St.
Elev. = 118.76' City Datum



Drawing File: E:\Eng\West Street Paving New\Land\dwg\WtrBase
November 2008

Design: T. Aziere
Drawn: Sonny
Approved: J. F. Bradley
Scale: 1:20

Project No. 04-04-E860 CAPITAL IMPROVEMENT PROJECT

WEST STREET WATER MAIN REPLACEMENT
Line 1, W.L. Sta. 11+86.82 to W.L. Sta 17+87.04
WEST STREET, SOUTH OF MAPLE TO SOUTH OF CENTRAL

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

SHEET 5 OF 18