W.L. Sta. 1+91.24, Line 4 =
B.L. 3 Sta. 17+61.40, 32.30' Lt.
Install 1–8" CIMJ Tee (S)
Install 1–8" Anchor Valve Assy
(Gate Valve) (S)
Valve Box Elev. 119.18 Top
Install 3' L.F. 8" DICL Pipe (W)
Install 1–2" Blowoff Assy (W)
Extend 8" Water Main South
Valve Box Elev. 119.18 Top

Install 55.80 L.F. 8" Pipe
Swabbed with Chlorine

CAUTION
Existing
12" Water
Crossing

CAUTION
Existing
3" Gas
Crossing

W.L. Sta. 2+47.04, End Line 4 =
B.L. 3 Sta. 17+61.40, 23.50' Rt.
Install 1–8" 90° CIMJ Bend (W)
Conn. to Exstg 8" Water Line
Install 1–8" MJ Cap (E)

CAUTION
Existing
OHE
Crossing

LINE 4

Install 191.24 L.F. 8" Pipe

Abandon Existing 8" 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.

Abandon Existing 8" 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.

LINE 4

W.L. Sta. 0+13.85 Line 5 =
B.L. 3 Sta. 15+57.92, 32.30' Lt.
Install 1–8" 45° CIMJ Bend (Up)

Install 5.44 L.F. 8" DICL Pipe

W.L. Sta. 0+10.00 Line 5 =
B.L. 3 Sta. 15+54.07, 32.30' Lt.
Install 1–8" 45° CIMJ Bend (Dn)

Install 10.00 L.F. 8" DICL Pipe

W.L. Sta. 0+00.00, Begin Line 4 =
W.L. Sta. 0+00.00, Begin Line 5 =
W.L. Sta. 15+44.07, Line 1 =
B.L. 3 Sta. 19+52.64, 32.30' Lt.
Connect to Valve on Line 1
Extend 8" Water Main East.
Extend 8" Water Main West.

CAUTION
Existing
12" Gas
Crossing

CAUTION
Existing
10" Gas
Crossing

CAUTION
Existing
UGAT&T
Crossing

CAUTION
Prop
24" SWS
Crossing

CAUTION
Existing
4" Gas
Crossing

CAUTION
Existing
3" Gas
Crossing

CAUTION
Prop
15" SWS
Crossing

W.L. Sta. 3+31.41, Line 5 =
B.L. 3 Sta. 22+83.65, 32.00' Lt.
Install 1–8" CIMJ Tee (S)
Install 1–8" Anchor Valve Assy
(Gate Valve) (S)
Install 3' L.F. 8" DICL Pipe (E)
Install 1–2" Blowoff Assy (E)
Extend 8" Water Main South
Valve Box Elev. 118.09 Top

Install 6.81 L.F. 8" DICL
Pipe Swabbed with Chlorine

Install 327.56 L.F. 8" Pipe

LINE 1

LINE 5

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

Close Valve, Remove & Salvage Valve
Box. Deliver to City of Wichita. Cap
Valve with Conc.

Water Line
Relocation # 1

W.L. Sta. 3+38.22, End Line 5 =
B.L. 3 Sta. 22+83.65, 25.19' Lt.
Install 1–8" 90° CIMJ Bend (E)
Conn. to Exstg 8" Water Line (E)
Install 1–8" MJ Cap (W)

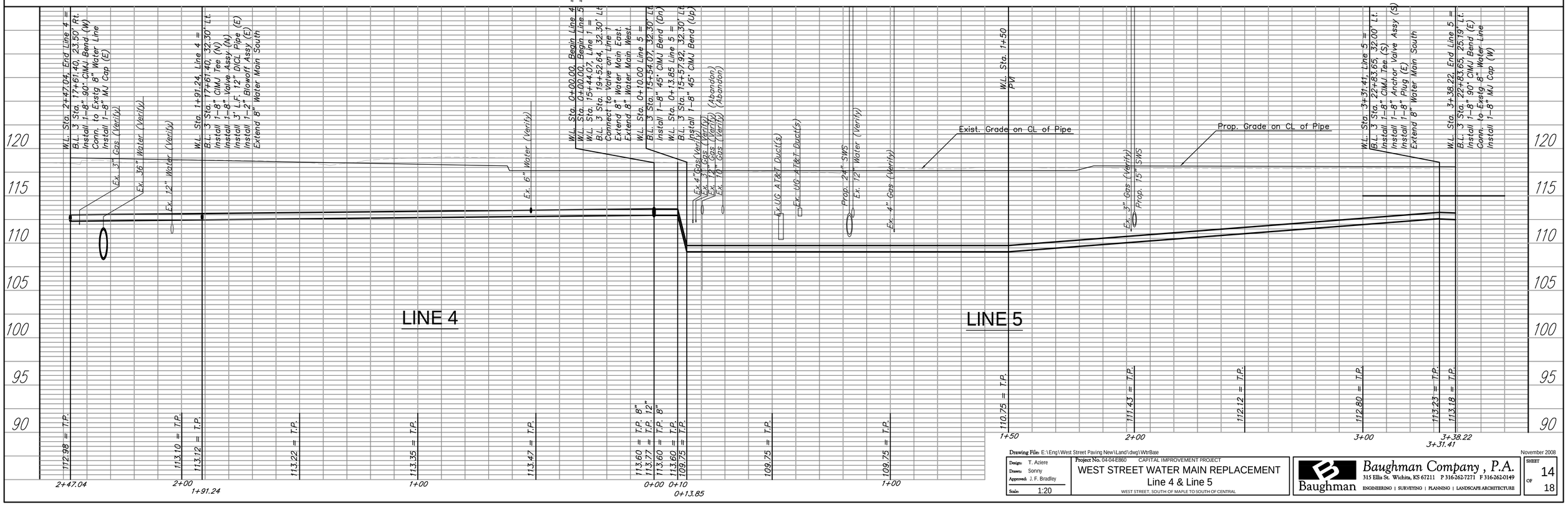
LINE 5

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

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 4 & Line 5
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
Baughman ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

SHEET 14 OF 18