W.L. Sta. 00+00.00 Line 1A
W.L. Sta. 00+22.09 Line 1
B.L. Sta. 16+71.80 24.00' Lt
1- 8"x8" MJ Tee
1- 8" MJ Valve
1- 6" Valve Box
Valve Box Elev. = 172.03
22.00 LF of 8" WL (N)

Remove FH Assy and drop off at Maintenance Facility on Mclean.

W.L. Sta. 00+15.36 Line 1
B.L. Sta. 16+59.91 24.00' Lt
1-8"x6" MJ Tee
7.00 L.F. DICL (W)
1- Fire Hydr. Assy.
L = 5.00 L.F.
F.H. Bury Line Elev. = 173.04
1-8" Anch. Valve Assy.(W)
1-8" MJ Cap (W)
Top Valve Box Elev. = Exist

W.L. Sta. 00+22.00 Line 1A
B.L. Sta. 16+71.80 46.00' Lt
1- 8"x6" MJ Tee
5.33 LF of 8" DICL (N)
1- 8" MJ Cap (N)
1- 6" MJ Valve
1- 6" Valve Box (E)
Valve Box Elev. = 172.85
5.00 FL of 6" DICL (E)
Connect to Exist 6" WL

W.L. Sta. 1+15.33 Line 1
W.L. Sta. 0+00.00 Line 1B
B.L. Sta. 17+59.88 24.00' Lt
1-8"x8" MJ Tee
1-8" MJ Valve(S)
1-6" Valve Box
Valve Box Elev. = 170.96

W.L. Sta. 1+57.73 Line 1
B.L. Sta. 18+12.00 33.00' Lt
2- 2" Short Service
Remove 2 Ex. Dom. Meter Assy and install 2 New Dom. Meter Assy.

W.L. Sta. 2+21.75 Line 1
B.L. Sta. 18+66 34.00' Lt
1- 2" Short Service
Remove Ex. Dom. Meter Assy & install New Dom. Meter Assy.

W.L. Sta. 2+64.57 Line 1
B.L. Sta. 19+09.13 24.00' Lt
1- Fire Hydr. Assy.
L = 10.00 L.F.
F.H. Bury Line Elev. = 169.96
Top Valve Box = Exist

W.L. Sta. 03+41.44 Line 1
W.L. Sta. 02+32.57 Line 3
B.L. Sta. 19+86.00 24.00' LT
1-8"x8" MJ Tee
1-8" Valve (N)
1-6" Valve Box
Valve Box Elev. = 168.46

OFFSET: 42.48 L
93.24 L.F. 8" Pipe
Prop. 8" WL
15.36 L.F. 6" Pipe
6.73 L.F. 8" DICL
Abandon 6" CI
18.97 L.F. 8" Pipe
149.24 L.F. 8" Pipe
76.87 L.F. 8" Pipe
Ex. 6" WL
Ex. Sign
Ex. Asphalt
Ex. Conc. SW
Ex. Drive
Ex. WL
CP3
16+00
17+00
18+00
19+00
20+00
40+00
℄ Douglas Ave.

W.L. Sta. 00+00.00 Line 1
B.L. Sta. 16+59.97 8.65' Lt
Install 1-6"x6" tapping sleeve (by COW)
1-6" Tapping valve
1-6" Valve Box
1-6" MJ Cap (E) on exist. 6" WL.

CAUTION!!
Existing SS

W.L. Sta. 0+22.81 Line 1B
B.L. Sta. 17+56.12 5.03' Lt
Remove the existing valve box, bury valve in concrete
Connect to Exist 8"
Close Existing Valve (N)
(1-6" Tapping Valve)by COW

W.L. Sta. 0+18.97 Line 1B
B.L. Sta. 17+59.97 5.03' Lt
1-8" 90° MJ Bend
3.84 L.F. DICL(W)

CP2
Watermark Bookstore
Prop. Line 1

(IN FEET)
1 inch = 20 ft.

Vert. Scale
(IN FEET)
1 inch = 5 ft.

6"x6" Tapping Sleeve
8"x6" MJ Tee
8"x8" MJ Tee
8"x8" MJ Tee
Fire Hydrant Assy.
8"x8" MJ Cross
Begin
8"x6" MJ Tee
Begin
8" 90° MJ Bend

Ex. Ground
CAUTION!!
Prop. SWS 15"
Elev. 166.60
Prop. Line
Prop. Ground
CAUTION!!!
Existing 8" SS
Approx FL 157.18
to 159.48

170
160

Top = 168.77
Top = 168.66 +15.36
Top = 168.58 +22.09
Top = 168.23
Top = 167.61
Top = 167.43 +15.33
Top = 167.00
Top = 166.38
Top = 165.76
Top = 165.58 +64.57
Top = 165.14
Top = 164.63 +41.44
Top = 168.58
Top = 168.89 +22.09
Top = 167.43
Top = 168.04 +18.97

0+00
1+00
2+00
3+00
0+00
0+00

Oliver and Douglas
Water Line 1
Wichita, KS

kemiller engineering
516 S. Market,
Wichita, KS 67202
316/264-0242

PROJECT NUMBER			
472-83755			
KEM NO. 03033	FILE WL1	DATE 7/2005	SHEET 14
DESIGN PB	DRAWN JO	REVISED 2/15/08	OF 49