BENCHMARK:

BM #9 – City of Wichita Bench Mark Disc, 48.6' South and 32.4' West of Centerlines Hydraulic and Mac Arthur Sta. 168+35.3, 32.4' Rt. Elev. = 86.98 (City Datum)

0 10 20

SCALE: 1" = 20'

CHRISTIAN ADDITION

JONH C. VAN VESSUM, II, etal
B - 12209

JOHN C II & DIANA M VAN VESSUM
B - 12207
Part of Lot 9

JERRY & LINDA HANSEN
B - 12208
Part of Lot 9

HYDRAULIC AVENUE

HYDRAULIC AVE.

MAC ARTHUR ROAD

PENTECOSTAL SECOND ADDITION

FIRST UNITED PENTECOSTAL CHURCH INC
C - 43602

T. J. of KANSAS, Inc.
GLADYS MORRIS, etal
C - 116 - UP
Film 75, Page 993

CL 20' K.G.& E. EASEMENT MISC BOOK 415, PAGE 585 & 586

Bk 163+00 164+00 165+00 166+00 167+00 168+00 168+83.94 169+00

W.L. Sta. ~~0+00.00~~, Begin Line 8 =
B.L. Sta. ~~164+00.00~~, 29.95' Rt.
1 – 45° C.I.M.J. Bend (V)

0+14.32 BL 164+11

W.L. Sta. 1+31.33, Line 8 =
B.L. Sta. 165+27.92, 33.54' Rt.
Install Fire Hydrant Assy (E)
L = ~~3.50~~ 6.5
Valve Box Elev. = 84.90
Bury Line Elev. = 85.60

16"x6" Tee
6" Valve
2'-6" DICL PIPE
6" 90° Bend (V)
22"-6" DICL PIPE (V)
6-90° Bend (V)
29"-6" DICL PIPE
EA

6"CLOW FH H#6745
6"CLOW V#737

Contractor Shall Temporarily Replace All Roadway, Drive and Sidewalk Pavement as Necessary to Maintain Pedestrian and Vehicular Traffic Until Construction of Permanent Pavement is Complete.

3+87.3 BL 167+91.5

W.L. Sta. ~~3+92.54~~, Line 8 =
B.L. Sta. ~~167+96.77~~, 32.70' Rt.
1 – 45° C.I.M.J. Bend (V)
Restrain/Block as Necessary

CAUTION!
Ex. Gas S/L
Prop. Gas S/L
Crossings

Reconnect Ex WSL's as Rqd.

Reconnect Ex WSL's as Reqd.

Install 6.60 L.F. 16" D.I.C.L. Pipe

Install 123.91 L.F. 16" Pipe

Install 261.21 L.F. 16" Pipe

Install 6.06 L.F. 16" D.I.C.L. Pipe

0+18.32

W.L. Sta. ~~0+07.42~~, Line 8 =
B.L. Sta. ~~164+04.10~~, 33.94' Rt.
1 – 45° C.I.M.J. Bend (V)
Block as Necessary
BL 164+15.0

B.L. Sta. 165+18.87, 34.37' Rt.
Remove Hydrant & Blocking
Remove 6" DICL as Required.

CAUTION!
Proposed 18" SWS Crossing

2" V #20795
6"-2" PVC PIPE
2"-90° Bend (V)
3'-1"-2" PVC PIPE
2"-90° Bend
1'-8" PVC Coupling

W.L. Sta. 3+01.81, Line 8 =
B.L. Sta. 167+05.28, 32.98' Rt.
1 – 2" Service Outlet Assembly
Contractor Shall use Fittings and Pipe as Necessary to Match

3+96.8

W.L. Sta. ~~4+00.00~~, End Line 8 =
B.L. Sta. ~~168+00.00~~, 28.69' Rt. 167+96
1 – 45° C.I.M.J. Bend (V)

Note:
Pavement, Sidewalks, and Etc. To Be Removed Are Indicated By:

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

W.L. Sta. 0+00.00, Begin Line 8
Connect to Ex. 16" C.I. Wtr Line
1 – 45° C.I.M.J. Bend (Reqd.) (V)
W.L. Sta. 0+07.42 Line 8 P.V.I.
1 – 45° C.I.M.J. Bend (V)
Remove 16" Cast Iron Pipe
Existing Grade @ ℄ of Pipe
W.L. Sta. 1+31.33, Line 8
Install Fire Hydrant Assy (E)
Valve Box Elev. = 84.90
Bury Line Elev. = 85.60
W.L. Sta. 2+00.00, Line 8 P.V.I.
Water Service Line
W.L. Sta. 2+20.00, Line 8 P.V.I.
W.L. Sta. 2+60.00, Line 8 P.V.I.
Prop Inlet
Prop 18" RCP
Proposed Grade @ ℄ of Pipe
FL = 80.13
W.L. Sta. 2+80.00, Line 8 P.V.I.
W.L. Sta. 3+01.81, Line 8
2" Service Outlet Assembly
Water Service Line
Ex. Gas S/L (Verify)
Prop. Gas S/L (Verify)
W.L. Sta. 3+87.3, Line 8
1 – 45° C.I.M.J. Bend (V)
W.L. Sta. ~~4+00.00~~, End Line 8
1 – 45° C.I.M.J. Bend (V)
Connect to Ex. 16" Wtr. Line
Line 8
79.24 = T.P.
78.50 = T.P.
79.47 = T.P.
80.50 = T.P.
82.68 = T.P. (Verify)
22.64 = T.P. (Verify)
0+00 0+08.80
1+00
1+31.33
2+00 2+20 2+60 2+80 3+00
3+92.54 4+00

PROJECT NUMBER	SHEET NAME	ENGINEERING DIRECTORY
472-76-245-83324	Wtr07	F:\Eng\Hydraulic\wtr

DESIGN	DRAWN	APPROVED	DATE	SCALE	BAUGHMAN NO
JFB	KWR	JFB	Sept. 2002	Noted	99-09-E454

CAPITAL IMPROVEMENTS

WATER LINE LOWERING PLAN

HYDRAULIC AVENUE PAVING - 47TH STREET SOUTH TO MACARTHUR ROAD

BAUGHMAN COMPANY, P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

SHEET 51 OF 102