BENCHMARK:

BM #7 – RR Spike in West face of HLP, East side of Hydraulic, South of Alta Street. Sta. 155+07, 41' Rt. Elev. = 86.12 (City Datum)

WILLOWOOD MOBILE HOME PARK INC
C - 43491
CAMELOT ADDITION

FRANK & BARBARA A. RUGGIERO
B - 12266 - 1
Part of Lot 1

FIRST PENTECOSTAL CHURCH
C - 39462
ED DWIRE ADDITION

SCALE: 1" = 20'

CAUTION! Existing 6" Gas 30" San Sewer Prop. 6" Gas Crossing

CAUTION! Existing U/G Bell 4" Gas Proposed 30" SWS Pipe Crossing

Install 66.10 L.F. 8" Pipe

Install 6" Plug @ Hydrant Tee

Install 8.00 L.F. 8" D.I.C.L. Pipe

Install 4.47 L.F. 8" D.I.C.L. Pipe

Install 8.00 L.F. 8" D.I.C.L. Pipe

Install 7.5 L.F. 8" DICL Pipe

Install 3.0 L.F. 8" DICL Pipe

Install 8.0 L.F. 6" DICL Pipe

Install 69.25 L.F. 8" Pipe

HYDRAULIC AVENUE

SELMA AVENUE

ALTA AVENUE

SAND ROAD

Line 6

Line 7

BL 155 + 12.86

W.L. Sta. 0+00.00, Begin Line 6 =
B.L. Sta. ~~155+22.36~~, 31.13' Rt.
Tap Existing 16" C.I. Water Line
~~1 – 16" x 8" Tapping Sleeve~~
~~1 – 8" Tapping Valve~~ Existing V# 9972
~~1 – 6" Valve Box~~
Tap to be Performed by City of Wichita Water Dept.
Valve Box Elev. = 82.90

Existing Valve
Mega-Lug
90° Bend (N)
8'-8" DICL PIPE
90° Bend (W)
6.2'-8" DICL
Coupler

W.L. Sta. 0+03.50, Line 6 =
B.L. Sta. 155+22.36, 26.63' Rt.
~~1 – 45° C.I.M.J. Bend (V)~~ 90° Bend
Restrain/Block as Necessary

W.L. Sta. 0+08.00, Line 6 =
B.L. Sta. 155+22.36, 24.43' Rt.
~~1 – 45° C.I.M.J. Bend (V)~~ 90° Bend
Restrain/Block as Necessary

* See Note 0+77.5

W.L. Sta. ~~0+86.57~~, End Line 6 = 38.37 Lt.
B.L. Sta. 155+14.36, ~~17.44~~ Lt.
Tap Existing 8" A.C. Water Line
~~1 – 8" x 8" Tapping Sleeve~~ 8" CLOW
~~1 – 8" Tapping Valve~~ V# 448
~~1 – 6" Valve Box~~ 5.3'W + 3.3'N FH
Tap to be Performed by City of Wichita Water Dept.
Valve Box Elev. = 83.00

W.L. Sta. ~~0+78.57~~, Line 6 =
B.L. Sta. ~~155+22.36, 17.44' Lt.~~
~~1 – 8" 90° Bend (Rolled 45°)~~
~~Restrain/Block as Necessary~~

BL 155 + 17.5 40' Rt

W.L. Sta. 0+74.10, Line 6 =
B.L. Sta. ~~155+22.36, 14.28' Rt.~~
~~1 – 8" 45° C.I.M.J. Bend (V)~~ 90° Bend
Restrain/Block as Necessary

BL 162+16.25

W.L. Sta. 0+00.00, Begin Line 7 =
B.L. Sta. ~~162+08.36~~, 30.55' Rt.
Tap Existing 16" C.I. Water Line
~~1 – 16" x 8" Tapping Sleeve~~
~~1 – 8" Tapping Valve~~
~~1 – 6" Valve Box~~
Tap to be Performed by City of Wichita Water Dept.
Valve Box Elev. = 86.00

Existing V# 10023

6" Valve
C-6" PIPE
6'-90° Bend
8"x6" Reducer
3'-8" DICL PIPE
1-8" 45° Bend
4½'-8" PIPE
8"-45° Bend

W.L. Sta. 0+04.50, Line 7 =
B.L. Sta. 162+08.35. 26.05' Rt.
1 – 45° C.I.M.J. Bend (V)
Block as Necessary

W.L. Sta. 0+07.50, Line 7 =
B.L. Sta. 162+08.35. 23.95' Rt.
1 – 45° C.I.M.J. Bend (V)
Block as Necessary

90° Bend

W.L. Sta. 0+76.75, Line 7 =
B.L. Sta. 162+08.35. 47.09' Rt.
1 – ~~45°~~ C.I.M.J. Bend (V)
Restrain/Block as Necessary

of 76.5

W.L. Sta. ~~0+79.75~~, Line 7 =
B.L. Sta. 162+08.35, 49.19' Lt.
1 – 8" 90° Bend (Rolled 45°)
1 – 8" x 6" P.E. x M.J. Reducer
Restrain/Block as Necessary

* See Note

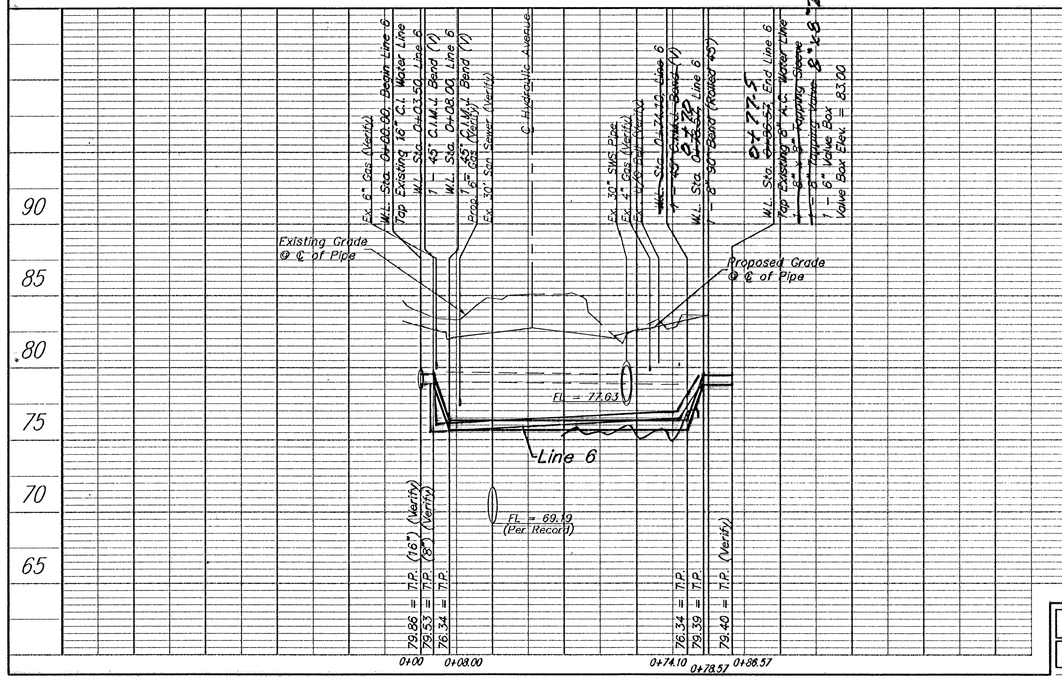
W.L. Sta. 0+87.75, End Line 7 =
B.L. Sta. 162+16.19, 49.15' Lt.
Tap Existing 6" A.C. Water Line
~~1 – 6" x 6" Tapping Sleeve~~
~~1 – 6" Tapping Valve~~
Tap to be Performed by City of Wichita Water Dept.
Valve Box Elev. = 86.30

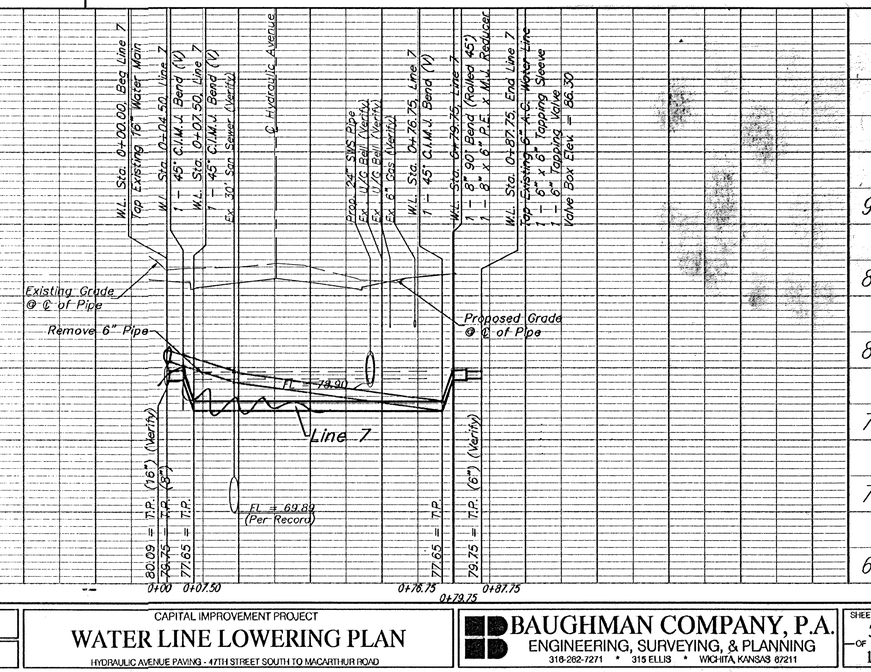
6" CLOW V# 477
4.8'W + 3.8'S FH

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

Note:

Tapping Existing A.C. Water Lines may be Eliminated if it can be Determined that Connection to A.C. Line is Feasible and Disruption to Service can be Minimized. Contractor to Use Transition Couplings to Connect to A.C. Water Line.





PROJECT NUMBER	SHEET NAME	ENGINEERING DIRECTORY
472-76-245-83324	Wtr06	F:\Eng\Hydraulic\wtr

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

CAPITAL IMPROVEMENT PROJECT

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 50 OF 102