SCALE:
PLAN: LAT. & LONG. 0 20 40
PROFILE: HORIZ. SAME AS ABOVE
VERT.
CAUTION !!! Water Service Line (City of Wichita)
CAUTION !!! 24" RCP Storm Water Sewer
N-1,684,000.3936, E-1,651,982.7868
℄ Washington St., Sta. 896+13.35, 7.50' Lt.=
WL 1, Sta. 5+50.00
Match Point
N-1,683,788.0967, E-1,651,986.6215
℄ Washington St., Sta. 894+00.63, 3.00' Lt.=
WL 1, Sta. 7+62.33
1- 48" RJ 45° Bend
Defl.= 45°16'29"
N: 1,683,810.4145, E: 1,652,008.2259
℄ Washington St., Sta. 894+22.55, 19.00' Rt.=
Existing 8" Waterline *
Cut-in 1- 8" Anchored Valve Assembly (Special)
(MJ Gate Valve)
Top Valve Box El.= 1295.25
CAUTION !!! 4" Gas Line (KGS)
CAUTION !!! 8" Waterline (City of Wichita)
CAUTION !!! 16.6' ft. HERCP Storm Water Sewer
CAUTION !!! Water Service Line (City of Wichita)
N-1,683,750.3085, E-1,652,026.1778
℄ Lewis St., Sta. 100+35.88, 5.67' Lt.=
WL 1, Sta. 8+17.04
1- 48" RJ 45° Bend
Defl.= 45°00'00"
CAUTION !!! 6" Waterline (City of Wichita)
CAUTION !!! Existing Telephone Manhole and Duct Bank (AT&T) to remain. AT&T to restrain Manhole and Duct Bank in place thru construction. Coordinate with AT&T, Mr. Jason Edwards at 268-2008. (Provide at least 2 weeks notice.)
CAUTION !!! Buried Electric (Westar Energy)
N: 1,683,710.4400, E: 1,652,010.4836
℄ Washington St., Sta. 893+22.55, 19.50' Rt.=
Existing 8" Waterline *
Cut-in 1- 8" Anchored Valve Assembly (Special)
(MJ Gate Valve)
Top Valve Box El.= 1295.20
℄ Washington St., Sta. 893+56.37 =
℄ Lewis St., Sta. 100+00.00
* PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE THE EXISTING 8" WATERLINE AT ℄ WASHINGTON ST., STA. 894+22.55, 19.00' RT. AND ℄ WASHINGTON ST., STA. 893+22.55, 19.50' RT. TO VERIFY PIPE SIZE, TYPE, FITTINGS, AND HORIZONTAL AND VERTICAL LOCATION. THE CONTRACTOR SHALL REPORT HIS FINDINGS TO THE ENGINEER SO THAT ANY NECESSARY PLAN MODIFICATIONS CAN BE MADE. ANY ADDITIONAL LABOR OR MATERIALS NECESSARY TO COMPLETE THE CONNECTION SHALL BE CONSIDERED SUBSIDIARY TO THE PROJECT.
WASHINGTON STREET
LEWIS STREET
℄ Washington St., P.I. Sta. 895+68.00
212.33'- 48" RJ Pipe
℄ Washington St., P.I. Sta. 894+28.49
54.71'- 48" RJ Pipe
Service Relocation (Typical) See Miscellaneous Adjustment Plans, sheet no. W15
℄ Washington St., Sta. 894+82.48 =
℄ Lewis St., Sta. 100+00.00
Unless noted otherwise, elevations shown are top of pipe
WATERLINE NO. 1
X = Denotes Pipe to be removed. (See Paving and Storm Sewer Plans also. C.O.W. Project No. 472-84657)
VERTICAL DEFLECTION TABLE
∠03 = 0°12'48"
∠04 = 0°30'00"
Match Point
Water Service Line (to be relocated)
24" RCP SWS ℄= 1288.92
Water Service Line (to be relocated)
Prop. 1" Water Service Line
45° Bend
16.6 ft.± HERCP SWS ℄= 1287.64
Exist. 8" Waterline
Top of Pipe= 1286.21 ±
4" Gas Line
Top of Pipe= 1292.22±
Exist. 6" Waterline
Top of Pipe= 1289.21 ±
Buried Electric (5" Steel Conduit)
Buried Telephone
Buried Telephone
45° Bend
Existing Ground
Proposed Ground
16.6 ft. HERCP SWS (3.9' - 4.2' Left)
Top of Proposed 48" Water Main
1310 1305 1300 1295 1290 1285 1280 1275 1270
+50.00 +62.33 +75.35 +17.04
1285.09 1284.98 1284.75 1284.60 1284.57 1284.66 1284.48
6+00 7+00 8+00
PLAN
PROFILE
BY DATE CHECKED
SOUTHEAST 48" WATERLINE - PHASE 1C
WASHINGTON/WATERMAN TO LEWIS/IDA
WATERLINE NO. 1
JAMES L. ARMOUR, P.E. - CITY ENGINEER
CITY OF WICHITA PROJECT NO. 448-90417
Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202
316-262-2691 • FAX 316-262-3003
Designed By MDK, EJB
Drawn By RFT, CSL
Job No. 35-05787-001-042
Date March 2006
Sheet W11 of 23
Saved 01-02-2009 9:38:44 AM by CSL
Plot Scale 1:20 01-02-2009 10:16:32 AM by MJC
Q:\2005\05787\001\Phase1C\05787-001-Phase1C-C-WLPP03