N: 1,673,268.8552, E: 1,607,609.8223
℄ 119th St., Sta. 210+77.05, 42.26' Rt.=
WL 1, Sta. 0+00.00
Existing Blowoff Assembly *
Remove 16" CI MJ Cap and begin new 16" water main installation.

Remove 48 L.F. paved surface. Replace with 6" temporary asphalt.

CAUTION !!!
2" Gas Line (KGS)

Install Silt Fence

N: 1,673,341.6473, E: 1,607,607.6279
℄ 119th St., Sta. 211+50.00, 39.63' Rt.=
WL 1, Sta. 0+72.83
1-16" CI CL MJ 45° Bend
Defl.= 44°01'28"

CAUTION !!!
Proposed 36" RCP Storm Sewer

Install Silt Fence

N: 1,673,418.9230, E: 1,607,528.2992
℄ 119th St., Sta. 212+26.96, 40.00' Lt.=
WL 1, Sta. 1+83.57
1-16" CI CL MJ 45° Bend
Defl.= 45°58'33"

Proposed AT&T (Approx. location)
AT&T to relocate and consolidate existing lines. The Conrtractor shall remove existing abandoned buried lines encountered, as required, that are in conflict with the proposed waterline installation. The Contractor shall coordinate with AT&T, Mr. John Fagan (316-268-2102), prior to beginning waterline installation.

N: 1,673,785.3494
E: 1,607,529.7355
WL1, Sta. 5+50.00
Match Point

SCALE:
0 20 40
PLAN: LAT. & LONG.
PROFILE: HORIZ. SAME AS ABOVE
VERT.

The Contractor may either directional drill, using Certa-Lok RJ PVC Pipe (or approved equal), or install casing pipe by boring methods for the waterline crossing of 119th. Street, at his option. Easements/Rights-of-Ways that the Contractor can use are shown on the plans. The Contractor will be responsible for acquisition of any additional easements required, depending on the installation methods. All costs for this item shall be included in the price bid for '16" Pipe by Directional Drill', regardless of the method of pipe installation.

Note: The Contractor shall maintain traffic at all times during construction of the 16" water main.

26.13'– 16" Pipe

366.43'– 16" Pipe

N: 1,673,359.8706, E: 1,607,588.9205
WL 1, Sta. 0+98.94 to
N: 1,673,400.6906, E: 1,607,547.0160
WL 1, Sta. 1+57.44
Install 58.50 L.F. 16" C905 RJ PVC Pipe by directional drilling.

72.83'– 16" Pipe

CAUTION !!!
Prop. 4" Gas Line(Semcrude)

CAUTION !!!
4" Gas Line (Semcrude)

26.11'– 16" Pipe

Ronald R. & Carol A. C

* PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE THE EXISTING 16" WATERLINE AT STATION 0+00.00 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.

MICHAEL D. KEEL
13944
1/20/11
KANSAS
PROFESSIONAL ENGINEER

PLAN | CHECKED | CHECKED | BY | DATE

Unless noted otherwise, elevations shown are top of pipe

WATERLINE NO. 1

PROFILE | CHECKED | CHECKED | BY | DATE

Directional Drill

BEGIN LINE NO. 1

2" Gas Line Top of Pipe=1311.04

4" Gas Line Top of Pipe=

45° Bend

Prop. 4" Gas Line Top of Pipe=

4" Gas Line Top of Pipe=

Prop. 30" RCP SMS E=1320.19

45° Bend

119th Street West

Match Point

Proposed Ground over ℄ of Waterline

Proposed Top of Curb

Existing Ground

Top Proposed 16" Water Main

Sta. 0+03.50 to Sta. 0+46.07
Place 50.37 L.F. Fill, Sand (Flushed & Vibrated) from top pipe bedding to 2" below bottom of pavement.

1345 1340 1335 1330 1325 1320 1315 1310 1305

+00.00 1328.84
+60.00 1328.50
+72.83 1328.34
+98.94 1328.00
+57.44 1328.00
+63.57 1328.00
+00.00 1328.00
+00.00 1328.41
+00.00 1328.70
+50.00 1330.14
1328.99

0+00 1+00 2+00 3+00 4+00 5+00

Saved 01-19-2011 8:44:53 AM by TDS
Plot Scale 1:20 01-19-2011 9:15:13 AM by JED_D_SCRIPTS
Q:\2008\08208\001\08208-001-25 WL1.dgn

Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202
316-262-2691 • FAX 316-262-3003

Designed By MDK | Job No. 35-08208-001
Drawn By TDS | Date April 2010

119TH STREET WEST
WATERLINE IMPROVEMENTS

WATERLINE NO. 1

JAMES L. ARMOUR, P.E. – CITY ENGINEER
CITY OF WICHITA PROJECT NO. 448-448-90507

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