N: 1,675,862.6319, E: 1,607,552.7788
℄ 119th. St., Sta. 236+70.78, 24.00' Lt.=
WL 1, Sta. 26+36.63
1- 16" CI CL MJ 22 1/2° Bend
Defl.= 22°37'44"

CAUTION !!!
Proposed 18" RCP Storm Sewer

Ina L. Kerns
AT-191-1

Install Silt Fence

N: 1,675,675.9950
E: 1,607,532.2462
WL 1, Sta. 24+50.00
Match Point

N: 1,675,887.0283, E: 1,607,542.6908
℄ 119th. St., Sta. 236+95.14, 34.16' Lt.=
WL 1, Sta. 26+63.03
1- 16" CI CL MJ 22 1/2° Bend
Defl.= 22°30'00"

N: 1,675,959.3518, E: 1,607,542.7347
℄ 119th. St., Sta. 237+67.47, 34.32' Lt.=
WL 1, Sta. 27+35.35
Existing 16" CI MJ Tee*
Remove Exist. 16" pipe(S) and Fire Hydrant Assembly**. Connect new 16" pipe to existing 16"x 8" Tee.

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

* PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE THE EXISTING 16" WATERLINE AT STA. 27+35.35 AND THE EXISTING 8" WATERLINE AT THE PROPOSED FIRE HYDRANT LOCATION (STA. 27+35.35, 92.32' 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.

** - Salvage to City of Wichita Water Dept.

N: 1,675,959.0883, E: 1,607,635.0544
℄ 119th. St., Sta. 237+67.47, 58.00' Rt.=
WL 1, Sta. 27+35.35, 92.32' Rt.=
Existing 8" Water Main*
Cut-in 1- Fire Hydrant Assembly
L=4'
Top Valve Box El.=1333.22
FH Bury Line El.=1333.19
See Sheet B4 for detail.

Exist. R/R R/W

20" Elm

Barbed Wire

Exist. R/W 40' ℄

Gate Post

C.O.W. Water (Rec. Inf.)

Install Silt Fence

Asphalt

235

119TH ST.

186.63'- 16" Pipe

26.40'- 16" Pipe

72.32'- 16" Pipe

18" RCP

Sign

Utility Esmt.

Pine

10" Pine

12" Pine

8" Pine

1" Bush

4" Red

Cedar

Masonry

Concrete

Steps

Sign

Peg

IRP-Chiseled

CARR

RESERVE "B"
Homeowners Assoc., Inc.
D-48126

RESERVE "A"
Homeowners Assoc.

Unless noted otherwise, elevations shown are top of pipe

WATERLINE NO. 1

Match Point

Proj. 16" RCP, SWS
El.= 1328.06

22 1/2° Bend

22 1/2° Bend

Existing 16"x 8" Tee

END LINE NO. 1

Proposed Ground over ℄ of Waterline
Existing Ground
Proposed Top of Curb

Top Proposed 16" Water Main

Sta. 24+50.00 to Sta. 26+55.53
Place 205.53 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

+50.00 +30.00 +80.00 +36.63 +63.03 +00.00 +35.35

1327.83 1327.57 1327.41 1326.50 1326.50 1326.50 1328.30 1325.60 1325.24

25+00 26+00 27+00

MICHAEL D. KERNS
NUMBER
13944
11/10/11
KANSAS
PROFESSIONAL ENGINEER

119TH STREET WEST
WATERLINE IMPROVEMENTS
WATERLINE NO. 1

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

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

Job No. 35-08208-001
Date April 2010
Designed By MDK
Drawn By TDS
Sheet B10 of 15

PLAN | CHECKED | CHECKED | BY | DATE

PROFILE | CHECKED | CHECKED | BY | DATE

Saved 01-19-2011 8:49:06 AM by TDS
Plot Scale 1:20 01-19-2011 9:12:42 AM by TED_D_SCRIPTER
Q:\2008\08208\001\08208-001-C10 WLPP06