

N. 1646878.436, E. 1661854.606
16" WL Line No. 2, Sta. 1+00.00
Remove Existing 16" Cap and
salvage to the City of Wichita.
Connect to Exist. 16" WL.
Field verify horizontal and vertical
location prior to construction.
Coordinate connection with City
of Wichita.

N. 1646879.316, E. 1661909.662
16" WL Line No. 2, Sta. 1+55.06
Install 16" 90° CIMJ Bend
Horiz. Defl. Angle=90°00'05"

N. 1646777.147, E. 1661911.297
16" WL Line No. 2, Sta. 2+57.25
Install 16" 90° CIMJ Bend
Horiz. Defl. Angle=90°00'00"

N. 1646777.429, E. 1661928.937 (PC) to
N. 1646767.023, E. 1662183.306 (PT)
16" WL Line No. 2, Sta. 2+74.89 (PC) to
Sta. 5+29.61 (PT)
Deflect pipe line (Rt.) along 2240-ft.
radius.

N. 1646765.032, E. 1662203.602
16" WL Line No. 2, Sta. 5+50.00
Install Fire Hydrant Assembly
L=18.00'
Fire hydrant pipe shall be ductile
iron restrained joint.
Top of Valve Box El.=1257.00
Fire Hydrant Bury El.=1260.25
See detail sht. 10.

N. 1646757.261, E. 1662283.310
16" WL Line No. 2, Sta. 6+30.09
Install 16" 1 1/4" CIMJ Bend
Horiz. Defl. Angle=09°34'30"

N. 1646664.494, E. 1662625.893
16" WL Line No. 2, Sta. 9+85.00
Install 16" Valve Assembly
Top of Valve Box El.=1259.35
See detail sht. 10.
Install 16"x18" CIMJ Reducer
Transition to 18" HDPE WL Pipe
See HDPE Transition Detail A sht. Z.

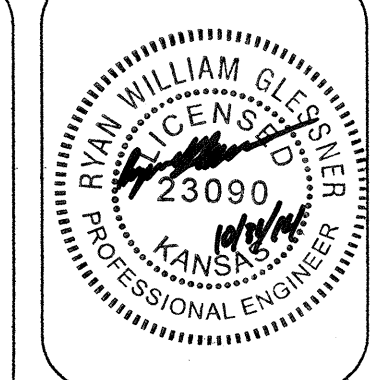
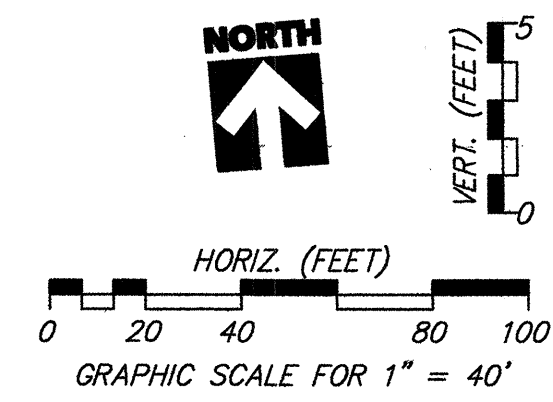
N. 1646665.618, E. 1662621.018
16" WL Line No. 2, Sta. 9+80.00
Install 1" Air Release Assembly,
See detail sht. 11.

N. 1646670.854, E. 1662601.715
16" WL Line No. 2, Sta. 9+60.00
Install Fire Hydrant Assembly
L=33.00'
Fire hydrant pipe shall be ductile
iron restrained joint.
Top of Valve Box El.=1259.00
Fire Hydrant Bury El.=1264.00
See detail Sht. 10.

16" WL Line No. 2, Sta. 9+60.00
to 9+85.00 Install 25.00 LF 16"
Water Line.

16" WL Line No. 2, Sta. 9+85.00 to
11+00.00 Install 115.00 LF 18"
HDPE Water Line by Directional Drill.

- LEGEND:**
- W — Water Line
 - FO — Buried Fiber Optic Line
 - OHE — Overhead Electric Line
 - SWS — Storm Water Sewer Line
 - 1350 — Exist. Contour (1-ft. Intervals)
 - W — Water Valve
 - FH — Fire Hydrant
 - AT&T — AT&T Box
 - PP — Power Pole



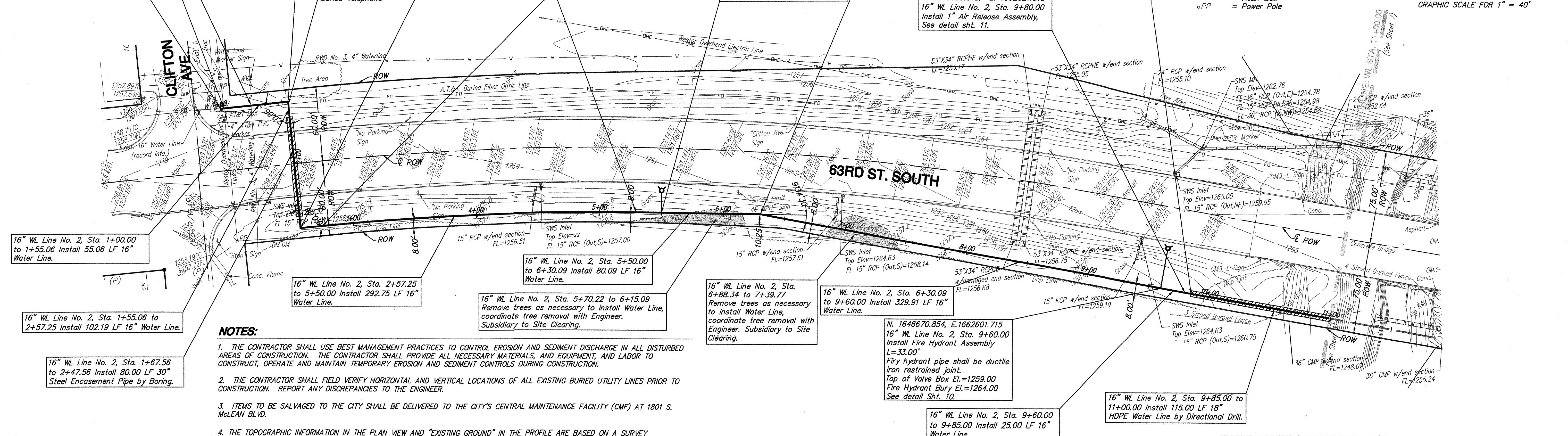
YOUNG & ASSOCIATES, P.A.
Professional Civil Engineering Consultants
100 S. Georgia, Derby, KS 67037
tele: (316)788-2552 fax: (316)788-4408 email: engineering@yngpa.com

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**16" WATER LINE NO. 2- STA 1+00.00 to 11+00.00
PLAN & PROFILE**
63rd Street South 16" Water Main Extension
City of Wichita
Sedgwick County, Kansas

scale: as noted
Design By: RWG
Drawn By: DSB
Checked By: CRY
P/N: 13-348
Prints Issued:
Field Check, 2-14-14
Office Check, 5-9-14
Final Plans, 10-30-14
Revisions:

Sheet No.
6 of 22



- NOTES:**
- THE CONTRACTOR SHALL USE BEST MANAGEMENT PRACTICES TO CONTROL EROSION AND SEDIMENT DISCHARGE IN ALL DISTURBED AREAS OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY MATERIALS, AND EQUIPMENT, AND LABOR TO CONSTRUCT, OPERATE AND MAINTAIN TEMPORARY EROSION AND SEDIMENT CONTROLS DURING CONSTRUCTION.
 - THE CONTRACTOR SHALL FIELD VERIFY HORIZONTAL AND VERTICAL LOCATIONS OF ALL EXISTING BURIED UTILITY LINES PRIOR TO CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER.
 - ITEMS TO BE SALVAGED TO THE CITY SHALL BE DELIVERED TO THE CITY'S CENTRAL MAINTENANCE FACILITY (CMF) AT 1801 S. MCLEAN BLVD.
 - THE TOPOGRAPHIC INFORMATION IN THE PLAN VIEW AND "EXISTING GROUND" IN THE PROFILE ARE BASED ON A SURVEY PERFORMED JANUARY 30, 2014.

WATER LINE NO. 2 (STA. 1+00.00 to 11+00.00) - PROFILE

