N: 9,586.0172, E: 8,987.8338
℄ 40th St. N., Sta. 24+97.86, 29' Rt.=
WL 1, Sta. 21+80.52
Fire Hydrant Assembly

Remove fence as necessary Do Not Reset.

CAUTION !!!
Proposed 24" RCP Storm Water Sewer (by others)

N: 9,592.8632, E: 9,450.7793
℄ 40th St. N., Sta. 29+60.49, 29' Rt.=
WL 1, Sta. 26+43.52
1- Fire Hydrant Assembly
L= 4'
Top Valve Box El.= 229.8
FH Bury Line El.= 229.7

CAUTION !!!
Proposed 18" RCP Storm Water Sewer (by others)

Prop. 8" Sanitary Sewer (by others)

N: 9,597.2317, E: 9,746.1945
℄ 40th St. N., Sta. 32+55.93, 29' Rt.=
WL 1, Sta. 29+38.97
1- 8" CI CL MJ 11 1/4° Bend
Defl.= 08°31'51"

N: 9,583.7120, E: 9,846.4054
℄ 40th St. N., Sta. 33+55.93, 44' Rt.=
WL 1, Sta. 30+40.09
1- 8" CI CL MJ 11 1/4° Bend
Defl.= 08°31'51"

CAUTION !!!
16" Pipeline **
(Southern Star Central)

Remove fence as required.

CAUTION !!!
16" Gas Line (KGS)

SCALE:
0 40 80
PLAN: LAT. & LONG.
PROFILE: HORIZ. SAME AS ABOVE
VERT.
0 5

Remove 4' Block Wall as necessary and store on site.

CAUTION !!!
Buried Telephone (AT&T)

N: 9,585.5906, E: 9,973.4440
℄ 40th St. N., Sta. 34+82.99, 44' Rt.=
WL 1, Sta. 31+67.14
Existing 20" Water Main *
1- 20" x 8" Tapping Sleeve
1- 8" Tapping Valve
1- 6" Valve Box
(To be furnished and set by City of Wichita Water Dept.)
Top Valve Box El.= 229.4

20' Utility Easement

Limits of Prop. Pvmt. (by others)

40TH STREET

RESERVE E

RESERVE D

WEBB BUSINESS PARK

SECTION LINE = ℄ WEBB ROAD

463.00'- 8" Pipe

295.45'- 8" Pipe

101.12'- 8" Pipe

127.05'- 8" Pipe

16" Steel Gas Line (SSC) 4.30' deep

16" Steel Gas Line (KGS) Approx. location: 52" de per KGS 11-26-07

12" Wtr

12" Wtr

8" PVC

Bldg.

Gravel

Asphalt

Guard Rail

FH Attached to Sprinkler on 21 ft. tall Pole

Asphalt/Concrete/Gravel Mix

Drip Line

FH W# 22171

BM#5

PVC

CAUTION !!!
Waterline in Area

N: 9,596.0649, E: 9,667.2901
WL 1, Sta. 28+60.00
1- Air Release Assembly
See detail, sheet no. 5

** Contractor shall obtain a Southern Star Central Gas Pipeline Encroachment/Foreign Line Crossing Permit prior to construction. The permit application can be obtained from:
Southern Star Central Gas Pipeline, Inc.
4000 S. Seneca
Wichita, KS 67217
Attn: Cory Burkhart
(316) 529-6601

Contractor shall notify Cory Burkhart Southern Star Central Gas Pipeline at (316) 529-6601 at least 48 hours prior to commencing work in the area of Southern Star pipelines. During backfill operations, a colored safety blue plastic ribbon shall be laid 12" to 18" above the Waterline in both sides of the trench, the entire width of the Southern Star Central Gas Pipeline easement.
Contractor shall obtain the required spacing from gas line as required by the pipeline company. No additional payment will be made to modify the waterline profile as required.

Ex. Southern Star Gas Pipeline
Safety Blue Plastic Ribbons
24" (min.)
12" to 18"
Proposed Casing

* PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE THE EXISTING 20" WATERLINE AT STATION 31+67.14 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.

PLAN | CHECKED | CHECKED | BY | DATE

Unless noted otherwise, elevations shown are top of pipe

WATERLINE NO. 1

PROFILE | CHECKED | CHECKED | BY | DATE

Fire Hydrant
Prop. 24" RCP SWS
IE= 214.70
+80.52
217.47

+00.00
218.50

Fire Hydrant
Prop. 18" RCP SWS
IE= 222.63
+43.52
225.87

Air Release Assembly
+60.00
229.25

11 1/4° Bend
+38.97
229.00

11 1/4° Bend
+40.09
227.25

16" Pipeline (SSC)
Top of Pipe= 224.83
Buried Telephone
16" Gas Line (KGS)
Top of Pipe= 223.73
20" x 8" Tee
+40.00
221.50

END LINE NO. 1
+67.14
221.09 (8")
221.6 (20")*

Existing Ground
Proposed Top of Curb

245 240 235 230 225 220 215 210 205

22+00 23+00 24+00 25+00 26+00 27+00 28+00 29+00 30+00 31+00

WEBB BUSINESS PARK
WATERLINE IMPROVEMENTS
WATERLINE NO. 1

JAMES L. ARMOUR, P.E. – CITY ENGINEER
CITY OF WICHITA, PROJECT NO. 448-90333

Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202
316.262.2691 • FAX 316.262.3003

Job No. 35-07593-002-042
Date JUNE 2007
Designed By MDK
Drawn By JAN

Sheet 6 of 11

Saved 02-20-2008 3:40:04 PM by RJW
Plotted 02-20-2008 3:40:10 PM by RJW
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