N-9,646.6529, E-8,971.4050
Sta. 0+00.0
Core existing concrete MH wall and Install New 8" Pipe. Seal new 8" Pipe to MH with an approved waterstop gasket and non-shrink grout. Construct a minimum of 3' Reinforced Concrete Encasement from MH wall. Reshape MH floor to provide smooth flow. This work shall be considered subsidiary to the price bid for pipe in place.

Remove and reset fence as required.

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

N-9,658.4548, E-9,219.7842
Sta. 2+48.7
Const. MH 1
Standard MH

N-9,661.9295, E-9,454.7585
Sta. 4+83.7
Const. MH 2
Standard MH (5' Dia.)

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

N-9,682.6945, E-9,844.4941
Sta. 8+74.0
Const. MH 3
Standard MH (5' Dia.)

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

N-9,683.5078, E-9,899.4881
Sta. 9+29.0
Plug and Stake End of Pipe
See Detail This Sheet

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

Top
Toe
Concrete
8" PVC
20' Utility Easement
Chain Link Fence
68°04'23"
SSMH#1
18" RCP
24" RCP
Bldg.
Gravel
5'
1°52'23"
230'
20' Utility Easement
18" RCP
Limits of Prop. Pvmt. (by others)
Prop. 8" Waterline (by others)
WEBB BUSINESS PARK
Asphalt
Guard Rail
FH Attached to Sprinkler on 21 ft. tall Pole
Stockpile
2°12'09"
40TH STREET
RESERVE C
RESERVE B
60'
BM#12
4' Block Wall
Chain Link Fence
16" Steel Gas Line (SSG)
20" A.C. Water Main
SECTION LINE = ℄ WEBB ROAD
Drop Inlet
Concrete/Gravel Mix

Remove Concrete Pavement as necessary.
Install 248.7 L.F. 8" Pipe
Install 235.0 L.F. 8" Pipe
Remove Asphalt and Concrete as required do not replace.
Install 390.3 L.F. 8" Pipe
Install 55.0 L.F. 8" Pipe

① DENOTES SEWER SERVICE. SEE SHEET NO. 7 FOR SEWER SERVICE SCHEDULE AND DETAILS

℄ – Denotes Caps or Plugs to be installed.

BURIED PIPE PLUG & MARKER DETAIL

(PLUGGING & STAKING SHALL BE SUBSIDIARY TO THE LUMP SUM PRICE BID FOR PIPE IN PLACE)

3" Dia. Galv. Pipe. Set flush w/top of Concrete Marker
2" wide metallic detectable tape
1' dia. x 4" thick Concrete Marker (Painted Fluorescent Orange)
Pipe Plug as manufactured by pipe supplier.
Proposed Pipe Line

SANITARY SEWER NO. 1

929.0 L.F. Jetted Sand Backfill (Sta. 0+00.0 to Sta. 9+29.0)

Existing MH
Top Elev.= 221.46
Prop. 18" RCP SWS
℄= 214.60
MH 1
Top Elev.= 226.3
MH 2
Top Elev.= 230.5
Prop. 18" RCP SWS
℄= 222.37
MH 3
Top Elev.= 232.0
Plug and Stake
16" Gas Line (SSG)
Top of Pipe= 225.56
Buried Telephone
16" Gas Line (WGS)
Top of Pipe= 224.2
Exist. 20" Waterline
Top of Pipe= 222.3

Proposed Ground
Existing Ground
℄ In = 207.41
from Exist. 8" SS. Pipe (S)

℄ Out= 207.36
℄ In= 207.56
248.7 L.F. 8" Pipe @ 0.40%
℄ = 207.96
℄ = 208.36
℄ Out= 208.56
℄ In= 208.66
℄ = 208.86
℄ = 209.26
235.0 L.F. 8" Pipe @ 0.40%
℄ Out= 209.60
℄ In= 209.70
℄ = 209.77
℄ = 210.17
390.3 L.F. 8" Pipe @ 0.40%
℄ = 210.56
℄ = 210.96
℄ Out= 211.26
℄ In= 211.36
℄ = 211.46
℄ = 211.58
55.0 L.F. 8" Pipe @ 0.40%

240 235 230 225 220 215 210 205 200
0+00 1+00 2+00 3+00 4+00 5+00 6+00 7+00 8+00 9+00

LATERAL 123
OF SANITARY SEWER NO. 23
SANITARY SEWER NO. 1
JAMES L. ARMOUR, P.E. – CITY ENGINEER
CITY OF WICHITA, PROJECT NO. 468-84430

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

Job No. 35-07593-001-042
Date JUNE 2007
Designed By MDK
Drawn By JAN
Sheet 4 of 11

PLAN | BY | DATE | CHECKED | CHECKED

PROFILE | CHECKED | CHECKED

Saved 02-20-2008 3:33:52 PM by RJW
Plotted 02-20-2008 4:27:04 PM by RJW
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