N-1,699,250.4192, E-1,685,530.6529
Sta. 50+25.7
MH 18

N-1,699,498.9966, E-1,685,401.0144
Sta. 53+06.1
Const. MH 19
Standard MH

N-1,699,705.5196 E-1,685,397.4634
Sta. 55+12.7 *
Const. MH 20
Outside Drop MH
Connect to existing 8" pipe.

Proprosed 8" Sanitory Sewer (by others) (Lateral 1, Main 16 of the Four Mile Creek Sewer – C.O.W. Project No. 468-83984)

CAUTION !!! Existing 2" Waterline (abandoned)

CAUTION !!! Buried Telephone (SBC) (Fiber Optic)

CAUTION !!! 8" Gas Line (KGS)

CAUTION !!! 60" RCP Storm Sewer

CAUTION !!! Existing 36" Waterline

N-1,699,850.4982 E-1,685,394.9706
Sta. 56+57.7
Const. MH 21
Standard MH

N-1,699,936.3978, E-1,685,458.6932
Sta. 57+64.7*
Core existing concrete MH wall and Install New 15" Pipe. Seat new 15" 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. Plug existing 15" PVC pipe (W)

LINE NO. 4
See sheet no. 13

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

* PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE THE EXISTING 15" PVC PIPE AT SANITARY SEWER STATION 57+64.7 AND THE 8" SANITARY SEWER AT STATION 55+12.7 TO VERIFY THEIR HORIZONTAL AND VERTICAL LOCATIONS. THE PIPES LOCATIONS SHALL BE REPORTED 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.

OAK CREEK
RESERVE
Future Channel (by others)
Owner: Stanson Commercial Properties LLC Wichita, KS
RESERVE A
21ST STREET NORTH
REGENCY LAKES COMMERCIAL 2ND ADDITION
Owner: Target Corporation Minneapolis, MN
Section Line
Prop. 20' Sanitary Sewer Easement
Existing Lift Station
Concrete Retaining Wall
Transformer on conc. pad
Antenna
Liquid Propane Tank
Concrete Driveway
Asphalt
Std. Curb
Curb Inlet
Manhole
Fire Hydrant
Gate Valve
Power Pole
Light Pole
Mail Box
Sign
Tree
Bush
Fence
Utility Easement
Prop. 8" San. Sewer (by others)
20' Util. Esm't.
30' Util. Esm't.
26° 33'29"
90°00'00"
180°00'00"
63° 13'22"
37° 33'15"
8" PVC
15" PVC
24" RCP
18" RCP
60" RCP
10' Drainage Esmt.
20' Utility Esmt
40' Utility Esmt
RCB (design info)

× = DENOTES SANITARY SEWER TO BE ABANDONED IN PLACE.
[ ] = TEMPORARY CONSTRUCTION EASEMENT

NOTE: ALL DISTURBED AREA'S NORTH OF 21ST STREET SHALL BE SODDED IN ACCORDANCE WITH CITY OF WICHITA REQUIREMENTS.

Install 280.4 L.F. 21" Pipe
Install 206.6 L.F. 21" Pipe
Install 240 L.F. Sediment Barrier
Remove and reset fence as required.
Install 145.0 L.F. 21" Pipe
Sta. 55+27 to Sta. 56+53 Install 126 L.F. Steel Casing by boring. (Min. I.D. 32")
Install 107.0 L.F. 15" Pipe
Install 349 L.F. Sediment Barrier

SANITARY SEWER LINE NO. 1

497 L.F. Jetted Sand Backfill (Sta. 50+25.7 to Sta. 56+12.7)

Top mound = 1360.5
Top mound = 1360.2
Top mound = 1361.4
Top mound = 1363.9
Existing Ground
MH 18 Top Elev. = 1360.9
MH 19 Top Elev. = 1361.6
MH 20 Top Elev. = 1361.8
MH 21 Top Elev. = 1364.3
Exist. MH Top Elev. = 1367.0
Exist. 2" Waterline
Top of Pipe= 1357.24
Buried Telephone
8" Gas Line
Top of Pipe= 1355.84
60" RCP S.W.
Top of Pipe= 1355.54
Exist. 36" Waterline
Top of Pipe= 1352.21
℄ In = 1345.95 from 1- 8" Pipe (S)
℄ In = 1353.23 from 1- 8" Pipe (W)
℄ In = 1346.45 from LINE NO. 4
℄ In = 1346.07 from Exist. 15" SS. Pipe (NW)
Steel Casing
℄ Out= 1344.66
℄ In= 1344.76
℄= 1344.83
℄= 1344.93
℄= 1345.03
℄= 1345.12
℄= 1345.23
℄= 1345.31
℄ Out= 1345.38
℄ In= 1345.86
℄= 1346.00
℄ Out= 1346.03
280.4 L.F. 21" Pipe @ 0.095%
206.6 L.F. 21" Pipe @ 0.095%
145.0 L.F. 21" Pipe @ 0.095%
107.0 L.F. 15" Pipe @ 0.15%
50+00 51+00 52+00 53+00 54+00 55+00 56+00 57+00
1375 1370 1365 1360 1355 1350 1345 1340 1335

Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202
316-262-2691 • FAX 316-262-3003
Designed By MDK
Drawn By JDA, TRD
Job No. 35-042219-002
Date MAY 2004
Sheet 11 of 26

MAIN 16 OF THE FOUR MILE CREEK SEWER
SANITARY SEWER LINE NO. 1
JAMES L. ARMOUR, P.E. - CITY ENGINEER
CITY OF WICHITA PROJECT NO. 468-83803

13944 5/25/05 KANSAS PROFESSIONAL ENGINEER

PLAN CHECKED CHECKED BY DATE
PROFILE CHECKED CHECKED BY DATE

DSNR: MDK OPER: GSL SCALE: 1=40.00
Q:\2004\042219\002\SSPP08 05-24-2005 06:06:46 pm