N-1,699,850.4982 E-1,685,394.9706
LINE NO. 1, Sta. 56+57.7 =
LINE NO. 4, Sta. 0+00.0
MH 21

CAUTION !!!
15" RCP
Storm Sewer

N-1,699,932.7235, E-1,685,245.3870
Sta. 1+70.7
Existing Wet Well to be converted to MH. Pump Station and Force Main to be abandoned. See detail sheet no. 15 and 16.

21ST STREET NORTH

Exist. R/W 60'

Prop. 20' Sanitary Sewer Easement

Liquid Propane Line

Gravel Propane Tank

Generator

Utility Easement

Transformer on conc. pad

Antenna

Owner:
Target Corporation
Minneapolis, MN

LINE NO. 1
See sheet no. 11

Install 170.7 L.F.
8" Pipe

SANITARY SEWER LINE NO. 4

N-1,701,568.1420, E-1,686,173.6056
Sta. 0+00.0
Core existing concrete MH wall and Install outside drop connection. 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. Repair Interior Linings/Coatings as necessary. This work shall be considered subsidiary to the price bid for pipe in place.

CAUTION !!!
Buried Telephone (SBC) *

N-1,701,569.2311, E-1,686,260.0552
Sta. 0+86.5
Plug and Stake End of Pipe
See Detail Sheet No. 12

K-96 OFF-RAMP

GREENWICH ROAD

RESERVE "A"

Temp. Esmt. 70' ℄

RESERVE "A"

KENSINGTON GARDENS

Install 86.5 L.F.
8" Pipe

Remove and reset fence as required.

Sta. 0+05.0 to Sta. 0+54.0
Install 49.0 L.F. Steel Casing by boring.
(Min. I.D. 18")

SANITARY SEWER LINE NO. 5

N-1,702,865.4338, E-1,686,114.0355
Sta. 0+00.00
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.

CAUTION !!!
Proposed 38"X24" RCPHE Storm Sewer (by others)

CAUTION !!!
Existing 2" Waterline *

CAUTION !!!
Buried Telephone (SBC) *

CAUTION !!!
8" Gas Line (KGS) *

CAUTION !!!
Existing 16" Waterline *

N-1,702,866.6708, E-1,686,245.0567
Sta. 1+31.0
Plug and Stake End of Pipe
See Detail Sheet No. 12

GREENWICH ROAD

Exist. R/W 60'

Proposed R/W 60' ±

Prop. 20'x20' Esmt.

K-96 ON-RAMP

Owner:
C & C Realty L.L.C.

Install 131.0 L.F.
8" Pipe

Sta. 0+32.00 to Sta. 0+97.00
Install 65 L.F. Steel Casing by boring.
(Min. I.D. 18")

SANITARY SEWER LINE NO. 6

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

* PRIOR TO BEGINNING CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE THE EXISTING 2" AND 16" WATERLINES, 8" GAS LINE, BURIED TELEPHONE AND BURIED ELECTRIC TO VERIFY ITS HORIZONTAL AND VERTICAL LOCATION. THE UTILITY LOCATIONS SHALL BE REPORTED TO THE ENGINEER SO THAT ANY NECESSARY PLAN MODIFICATIONS CAN BE MADE.

TEMPORARY CONSTRUCTION EASEMENT

× DENOTES SANITARY SEWER TO BE ABANDONED IN PLACE.

NOTE: SEE GENERAL NOTES ON SHEET NO. 2 FOR TRAFFIC CONTROL REQUIREMENTS. LANE CLOSURE NOT TO EXCEED 2 DAYS.

Existing Ground
Top mound = 1363.9
Exist. Pump Station to be abandoned
Top of Pipes = 1358.15 from 2- Exist. 6" FM Pipes (SW)
℄ In = 1348.86 from Exist. 8" SS. Pipe (N)
℄ In = 1345.76 from Exist. 15" SS. Pipe (E)
℄ In = 1345.86 from LINE NO. 1
Floor = 1339.95 Exist. Wet Well
Exist. Wet Well Top. Elev. = 1364.2
MH 21 Top. Elev. = 1364.3
℄ Out = 1345.36
℄ In = 1346.45
170.7 L.F. 8" Pipe @ 1.20%
℄ Out = 1348.49
℄ = 1347.64

Existing Ground
Proposed Ground (By Others)
Existing MH Top. Elev. = 1370.69
Buried Telephone
End Line No. 5
32.5 L.F. Jetted Sand Backfill (Sta. 0+54 to Sta. 0+86.5)
℄ In = 1351.89 from Exist. 12" SS. Pipe (N)
Steel Casing
℄ Out = 1351.59 (12")
℄ In = 1357.05
86.5 L.F. 8" Pipe @ 0.40%
℄ = 1358.09

30 L.F. Jetted Sand Backfill (Sta. 0+00 to Sta. 0+30)
32 L.F. Jetted Sand Backfill (Sta. 0+99 to Sta. 1+31)
Existing MH Top. Elev. = 1372.77
Exist. 16" Waterline Top. of Pipe= 1361.71
8" Gas Line
Prop. 38"X24" RCPHE SWS ℄= 1367.21
Exist. 2" Waterline Top. of Pipe= 1370.52
Buried Telephone
End Line No. 6
Existing Ground
Proposed Ground (By Others)
℄ In = 1356.22 from Exist. 8" SS. Pipe (W)
℄ In = 1355.92 from Exist. 12" SS. Pipe (N)
Steel Casing
℄ Out = 1355.92 (12")
℄ In = 1356.22
131.0 L.F. 8" Pipe @ 0.40%
℄ = 1356.74

1375 1370 1365 1360 1355 1350 1345 1340 1335
0+00 1+00

1375 1385 1370 1380 1365 1375 1360 1370 1355 1365 1350 1360 1345 1355 1340 1350 1335 1345
0+00 1+00

1385 1380 1375 1370 1365 1360 1355 1350 1345
0+00 1+00

PLAN CHECKED CHECKED
PROFILE CHECKED CHECKED

DATE BY

DSNR: MDK OPER: CSL SCALE: 1=40.00
Q:\2004\04219\002\SSRP10 ChangeOrderNo1 09-19-2005 05:02:06 pm

No.	Date	By	Revision
1	09/14/05	MDK	CHANGE ORDER 1 - CHANGED LOCATION OF LINE NO. 6

MAIN 16 OF THE
FOUR MILE CREEK SEWER
SANITARY SEWER LINE NO. 4, NO. 5, AND NO. 6
JAMES L. ARMOUR, P.E. - CITY ENGINEER
CITY OF WICHITA PROJECT NO. 466-85961

Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202
316-262-2691 • FAX 316-262-8003

Designed By MDK | Job No. 35-04219-002
Drawn By JCA, TRD | Date MAY 2004

Sheet 13 of 26

CHANGE ORDER NO. 1