N-26,624.5695, E-17,326.4520
Sta. 0+00.0
Core existing concrete MH wall and install outside drop connection (utilize existing 8" stub to west for bottom 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. Repair Interior Linings/Coatings as necessary. This work shall be considered subsidiary to the price bid for pipe in place.

CAUTION !!!
Proposed 3-36" RCP Storm Sewer (by others)

LINE NO. 1
See sheet no. 6

N-26,613.6063, E-17,082.9967
Sta. 2+43.7
Const. MH 22
Outside Drop MH

N-26,558.6864, E-17,035.4685
Sta. 3+16.3
Const. MH 23
Standard MH

N-26,580.7113, E-16,887.0756
Sta. 4+66.4
Const. MH 24
Outside Drop MH

LINE NO. 8
See sheet no. 17

CAUTION !!!
Prop. 6" Waterline (by others)

N-26,648.4832, E-16,894.3032
Sta. 5+34.5
Const. MH 25
Standard MH

N-26,669.8059, E-16,817.1010
Sta. 6+14.6
Const. MH 26
Standard MH

LINE NO. 9
See sheet no. 18

N-26,758.4397, E-16,659.7990
Sta. 7+95.2
Const. MH 27
Outside Drop MH

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

18" PVC SS
12" Hac
9" Hac
6" Jun
8" PVC SS
12" Mop
12" Mop
6" Junction Box
Prop. Static Pool El.= 166.0
Prop. Static Pool El.= 166.0
20' Util. Esm't.
15' Util. Esm't.
10' Util. Esm't.
5' Util. Esm't.
15' Drng. Esm't.
Limits of Prop. Pvmt. (by others)
Prop. 6" Waterline (by others)
15" RCP
18" RCP
80°38'51"
9.8'
57°36"
90°00'00"
180°00'00"

LINE NO. 15
See sheet no. 25

Install 243.7 L.F. 8" PVC Pipe.
Install 72.6 L.F. 8" PVC Pipe.
Install 150.1 L.F. 8" PVC Pipe.
Install 68.1 L.F. 8" PVC Pipe.
Install 80.1 L.F. 8" PVC Pipe.
Install 180.6 L.F. 8" PVC Pipe.

① ② DENOTES SEWER SERVICE. SEE SHEET NO. 29 FOR SEWER SERVICE SCHEDULE AND DETAILS

SEE SHEETS NO. 3, 4 & 5 FOR PLAT COORDINATES

SHAEL D. KOSTER 13944 11/18/05 KANSAS PROFESSIONAL ENGINEER

SANITARY SEWER LINE NO. 7

242.3 L.F. Jetted Sand Backfill (Sta. 2+43.7 to Sta. 4+86)
276.2 L.F. Jetted Sand Backfill (Sta. 5+19 to Sta. 7+95.2)

Existing MH Top Elev.= 169.9
Prop. 1- 36" RCP SWS E= 157.00
MH 22 Top Elev.= 172.6
MH 23 Top Elev.= 172.4
MH 24 Top Elev.= 171.7
Prop. 6" Waterline
MH 25 Top Elev.= 171.7
MH 26 Top Elev.= 171.2
MH 27 Top Elev.= 170.3
10'
Top mound= 172.4
Top mound= 172.2
Top mound= 171.5
Top mound= 171.5
Top mound= 171.0
Proposed Ground (by others)
Existing Ground
4.1(1%)

℄ In= 162.55 From LINE NO. 15
℄ In= 160.91 From LINE NO. 8
℄ In= 162.09 From LINE NO. 9
℄ In= 146.46 From Exist. 18" SS Pipe (N)

Sta. 4+86 to Sta. 5+19
Place 33 L.F. of Excavatable Flowable Fill from top of pipe bedding to Elev.= 168.1

℄ Out= 146.46
℄ In= 151.30
℄= 151.60
℄= 151.90
℄ Out= 152.03
℄ In= 152.13
℄= 152.35
℄ Out= 152.45
℄= 152.70
℄ Out= 152.90
℄ In= 153.00
℄= 153.10
℄ Out= 153.21
℄ In= 153.31
℄= 153.50
℄= 153.55
℄= 153.80
℄= 154.09

243.7 L.F. 8" PVC Pipe @ 0.30%
72.6 L.F. 8" PVC Pipe @ 0.30%
150.1 L.F. 8" PVC Pipe @ 0.30%
68.1 L.F. 8" PVC Pipe @ 0.30%
80.1 L.F. 8" PVC Pipe @ 0.30%
180.6 L.F. 8" PVC Pipe @ 0.30%

0+00 1+00 2+00 3+00 4+00 5+00 6+00 7+00

180 175 170 165 160 155 150 145 140

PLAN CHECKED CHECKED DATE BY

PROFILE CHECKED CHECKED

DSNR: MDK OPER: TLB SCALE: 1=40.00
G:\2004\04485\002\SSPP10 11-15-2005 01:19:45 pm

LATERAL 5, MAIN 7
OF THE NORTHWEST INTERCEPTOR SEWER
SANITARY SEWER LINE NO. 7
JAMES L. ARMOUR, P.E. - ACTING CITY ENGINEER
CITY OF WICHITA PROJECT NO. 488-84877

Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202
316-262-2691 • FAX 316-262-0063

Designed By	MDK	Job No.	35-04485-002
Drawn By	TLB	Date	September 2004

Sheet 15 of 33