TOBEN STREET

SWS210 (Begin Construction)
Sta. 20+00.00, SWS Line 2
Connect to Proposed Inlet
by 205 PPP (607879)
Install 183.1 LF 30" SWS (E)
30"ïin(E)=1408.50 1407.84
36"ïout(W)=1407.09 1407.84

Top Inlet= 1414.36

1415

Construction Limits

1417

1410

30" SWS

18" SWSU

24" SWSU

SWS220
Sta. 21+83.09, SWS Line 2=
Sta. 0+00.00, SWS Line 2A
Install Type D Manhole (4'–0" Dia.)
Top Elev.=1415.51 1415.67
Install 66.0 LF 24" SWS (N)
Install 198.0 LF 30" SWS (S)
30"ïout(W)=1409.25 1408.84
24"ïin(N)=1410.00 1409.60
30"ïin(S)=1410.00 (SWS Line 2A)
See Sheet No. 11

SWS Line 2A
See Sheet No. 6

SWS240
Sta. 22+49.09, SWS Line 2
Install Drop Inlet
(L=4'–0", W=2'–0")
Top Elev.=1414.60 1414.62
Install 126.9 LF 18" SWS (N)
18"ïin(N)=1411.60 1411.72
24"ïout(S)=1410.60 1411.72
See Sheet No. 13

Top Elev. =1404.87

1417.63

SWS250
Sta. 23+75.96, SWS Line 2
Install Std. Type 1 Curb Inlet (5'–0")
(W=4'–0)
Top Elev.=1418.33 1418.11
Install 335.8 LF 15" SWS (W)
15"ïin(E)=1414.99 1414.96
18"ïout(S)=1414.74 1414.71
See Sheet No. 14

1420

Existing SSMH and Pipe
to be Removed and Capped
at Property Line

15" SWS

20' 0' 20'

No.	Date	By	Approved	Revision

PREPONY ADDITION
SWS LINE 2
PLAN AND PROFILE
WICHITA, KANSAS

JAMES ARMOUR, P.E. - CITY ENGINEER
OCA No. 607861
Project No. 2042 PPS

POE & ASSOCIATES OF KANSAS, INC.
CONSULTING ENGINEERS
5940 E Central, Suite 200 Wichita, KS 67208-4242
Phone 316/685-4414 FAX 316/685-4444

Begin Construction SWS210 +00.00

SWS220 +83.09

SWS240 +49.09

SWS250 +75.96

1+11.11

Existing Ground

Proposed Ground

Proposed Inlet by 205 PPP (607879)

SWS Line 2A
See Sheet No. 6

30" SWS X 183.1 LF @ 0.40%

24" SWS X 66.0 LF @ 0.92%

18" SWS X 126.9 LF @ 2.48%

15" SWS X 335.8 LF @ 0.84%

36"ïout(W)=1407.09
30"ïin(E)=1408.50

30"ïout(W)=1409.25
24"ïin(N)=1410.00
30"ïin(S)=1410.00 (SWS Line 2A)

24"ïout(S)=1410.60
18"ïin(N)=1411.80

18"ïout(S)=1414.74
15"ïin(E)=1414.99

CAUTION!!!
Existing Sanitary Sewer Line
SS î=1404.76

15"î=1415.2

1420.0
1417.5
1415.0
1412.5
1410.0
1407.5
1405.0
1402.5

20+00 20+50 21+00 21+50 22+00 22+50 23+00 23+50 24+00 24+50 25+00 25+50

FINAL

Designed By: BLB
Drawn By: JGF
Drawing: 04_SWS_Line 2_PP.dwg
Date: February 24, 2011
Sheet 4