

1. REFER TO DETAIL SHEETS FOR PAVING SECTION AND JOINT DETAILS.  
 2. TRAFFIC AFFECTED BY THE CONSTRUCTION OF THIS PROJECT HANDLED IN ACCORDANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.

**PROFILE A**  
 HORIZ. SCALE 1"=30'  
 VERT. SCALE 1"=5'

STA. 0+00 EXISTING 24" RCP CONTRACTOR TO REMOVE AND CLEAN JOINT, REPLACE GASKET AND LAY NEW 24" RCP TO JUNCTION BOX

STA. 0+16 REINFORCED CONC. MANHOLE (SEE CITY OF WICHITA STANDARD)

STA. 0+00 REINFORCED CONC. MANHOLE (SEE CITY OF WICHITA STANDARD)

STA. 0+16 15" 4:1 CET (SEE CITY OF WICHITA STANDARD)

STA. 0+00 15" 4:1 CET (SEE CITY OF WICHITA STANDARD)

P-8 24.0 LF 24" RCP @ 0.70%

P-7 18.0 LF 15" RCP @ 0.60%

FL 1317.50(157) FL 1317.88(157) FL 1318.41(157) FL 1318.85(157)

**Omitted**

**PROFILE B**  
 HORIZ. SCALE 1"=30'  
 VERT. SCALE 1"=5'

STA. 0+00 REINFORCED CONC. MANHOLE (SEE CITY OF WICHITA STANDARD)

STA. 0+16 REINFORCED CONC. MANHOLE (SEE CITY OF WICHITA STANDARD)

STA. 0+00 REINFORCED CONC. MANHOLE (SEE CITY OF WICHITA STANDARD)

STA. 0+16 15" 4:1 CET (SEE CITY OF WICHITA STANDARD)

STA. 0+00 15" 4:1 CET (SEE CITY OF WICHITA STANDARD)

P-6 16.4 LF 18" RCP @ 2.90%

FL 1317.50(157) FL 1318.41(157) FL 1318.85(157)

**Omitted**

**PROFILE E**  
 HORIZ. SCALE 1"=30'  
 VERT. SCALE 1"=5'

STA. 0+00 24" 4:1 CET (SEE DETAIL SHEET D4)

STA. 1+08 36" 6:1 RCP BASIN 2+22 18" Inlet (SEE DETAIL SHEET D3)

P-2 107.8 LF 18" RCP @ 1.0%

FL 1321.92 FL 1322.83(157)

**PROFILE C**  
 HORIZ. SCALE 1"=30'  
 VERT. SCALE 1"=5'

STA. 0+00 24" 4:1 CET (SEE DETAIL SHEET D4)

STA. 3+22 CITY OF WICHITA TYPE I-A INLET (SEE CITY OF WICHITA STANDARD) (0+00 PROFILE E)

STA. 3+97 SINGLE GRATE CATCH BASIN (SEE DETAIL SHEET D3)

P-3 322.00 LF 24" RCP @ 0.50%

P-1 74.6 LF 15" RCP @ 0.5%

FL 1321.92 FL 1321.98(157)

**PROFILE D**  
 HORIZ. SCALE 1"=30'  
 VERT. SCALE 1"=5'

STA. 0+00 REINFORCED CONC. MANHOLE (SEE CITY OF WICHITA STANDARD) (0+16 PROFILE B)

STA. 0+85 SINGLE GRATE CATCH BASIN (SEE DETAIL SHEET D3)

P-4 85.0 LF 15" RCP @ 3.50%

FL 1318.85(157) FL 1318.85(157)

**PROFILE B**  
 HORIZ. SCALE 1"=30'  
 VERT. SCALE 1"=5'

STA. 0+00 24" 4:1 CET (SEE DETAIL SHEET D4)

STA. 4+18 18" 4:1 CET (SEE DETAIL SHEET D4)

P-5 393.7 LF 18" RCP @ 2.60%

1'-0" MIN.

CAUTION\* PROPOSED GAS LINE

CAUTION\* EXISTING GAS LINE

CAUTION\* EXISTING 8" SANITARY SEWER

CAUTION\* PROPOSED 8" WATERLINE

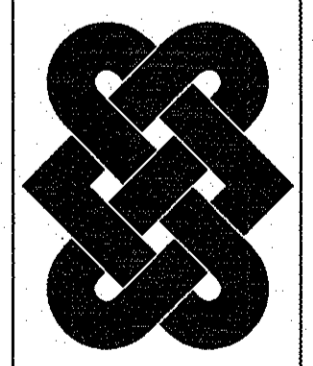
FL 1322.00(157)

CONTRACTOR TO FILL AREAS PRIOR TO INSTALLATION OF PROPOSED STORM SEWER TO 95% STANDARD PROCTOR DENSITY.

No.	Date	Revision
1		
2		
3		
4		

QuikTrip 316  
 STORM SEWER PROFILES  
 CITY OF WICHITA, KANSAS  
 JIM ARMOUR, P.E. - CITY ENGINEER

BSW INTERNATIONAL ENGINEERS, P.C.  
 ONE WEST THIRD ST., STE. 800  
 WICHITA, KS 67203  
 PHONE (616) 265-4221  
 FAX (616) 267-3394  
 CERTIFICATE OF AUTHORITY NO. E-510  
 EXPIRATION DATE 12/31/2008



Designed By: J. Crisp  
 Drawn By: J. Bradford  
 BSW Job No.: 106-0021  
 Date: 07/30/08