Sta. 4+61.52 SWS Line No. 118=
Sta. 118+97, 40.0′ Lt. ℄ Waterman St.=
Sta. 700+05.40.03, 0.33′ Rt. ℄ St. Francis St.
Construct R.C. Manhole
L=5′-6" W=5′-6" H=5′-0" H_T=1′-3"
See Sh. No. D22
(156)

Sta. 42+68.98 SWS Line No. 100=
Sta. 5+00 SWS Line No. 118=
Sta. 119+13, 5.0′ Lt. ℄ Waterman St.=
Sta. 700+05.04, 16.35′ Rt. ℄ St. Francis St.
Construct R.C. Manhole (RCB)
L=5′-6" W=5′-6" H=6.54′ H_T=1′-3"
Install 12"x29.7′ SWS (RCP) (N)
Install 36"x86.1′ SWS (RCP) (S) w/Plug
See Sh. No. D22, D25, D26
(154)

Sta. 45+05.98 SWS Line No. 100=
Sta. 5+00 SWS Line No. 125=
Sta. 121+50, 5.0′ Lt. ℄ Waterman St.
Construct R.C. Manhole (RCB)
L=5′-6" W=5′-6" H=6.17′ H_T=1′-3"
Install 36"x30.0′ SWS (RCP) (N) w/Plug
See Sh. No. D22, D25, D26
(174)

Sta. 45+83.99 SWS Line No. 100=
Sta. 5+00 SWS Line No. 119=
Sta. 122+28.35, 4.43′ Lt. ℄ Waterman St.
Connect to 45"x29"x82.5′ SWS (RCPHE) (E)
See Sh. No. D32
(107)

Exist.
4" Map
6" Waterline
600 E. Waterman
71
73
75
Brick
Waterman Properties B-42100004
5" Loc
5" Loc
5" Loc
5" Loc
5" Loc
Exist. 4" SS
Cross Walk
Exist. R/W 35′ ℄
Monolithic Curb
Exist. 8" SS
700
9
120
℄ Prop. Water Line
16" AC Waterline
Conc.
℄ Proposed Improvement
Exist. 8" SS
Line 118
Line 100
Monolithic Curb
Exist. R/W 35′ ℄
Peppard, Patricia L. Trust B-4297
Overhead Electric & Cable TV
Abandoned Tele. Pedestal (USD259)
Cable Fence
77
Asphalt Parking Lot
79
℄ St. Francis St.
Brick
155
40
8" Waterline
Brick
Exist. 20" Sanitary Sewer
Concrete
622 E. Waterman
72
74
76
Miller, Eugene J. Dec of Trust B-4223
Elec. Duct Bank
175
10" Pear
10" Pear
Exist. R/W
Conc.
Std. C&G
Line 125
Exist. 8" Sanitary Sewer
800
2
16" PVC Waterline (record)
Asphalt
Std. C&G
2" Steel Gas Line
12" Loc
12" Loc
Conc.
4" Steel Gas Line
Abandoned Tele. Pedestal (USD259)
Exist. R/W
Trans Pacific Properties LLC B-4298
78
Brick
Exist. 20" Sanitary Sewer
Electric, Telephone & Cable TV
2" Steel Gas Line
℄ Commerce St.
80
Wood Dock
SS Service Line (rec. info.)
Loading Dock
400 S. Commerce
Gravel
Line 119
Std. C&G
8" Pine
8" Pine
8" Pine
164
165
6" Pine
12" Pine
8" PVC
163
Retaining Wall
158
Low Point
Railroad Tracks
Face of Bridge
N. Bridge Abutment
Steel Lid (typ. 3 each side)
Top Bridge=1306.55
Top Bridge=1306.71
Top Bridge=1306.61
3
Barrier
Line 120
Conc. Median
4
30" Sq. Conc. Column (typ. of 11)
Top Bridge=1306.44
Top Bridge=1306.34
Std. C&G
Low Point
S. Bridge Abutment
3" Steel Gas Line
Exist. R/W
AT & SF Railway Co. B-4304
Buried Cable TV (Cox) (rec. info.)
Handrail
161
12" Pine
160
Top Bridge=1306.43
162
Rail Road Berm
2-6" Pine
2-10" Pine
2
3
Ex
Exist. R/W
Scale: 1"=20′
Bridge Deck
Top Bridge=1306.47
Handrail
Top Bridge=1306.32
Face of Headwall
Face of Bridge
Top of Hub Guard
Top Bridge=1306.30
Low Point
Top Bridge=1306.20
10" Pine
10" Pine
W

1,300
1,298
1,296
1,294
1,292
1,290
1,288
1,286
1,284
1,282
Water Line
℄ St. Francis St.
154
Sta. 42+68.98
SWS Line No. 100
R.C. Manhole (RCB)
Top Elev.=1295.37
SS Line
Water Line
℄ Commerce St.
SS Line
Prop. Water Line (12")
SS Line
174
Sta. 45+05.98
SWS Line No. 100
R.C. Manhole (RCB)
Top Elev.=1295.77
107
Sta. 45+83.99
SWS Line No. 100
Connect to SWS Line No. 119
Existing Ground Line
Proposed Ground Line
℄=1290.25
12" RCP (N)
℄=1288.50
36" RCP (S)
℄=1290.00
36" RCP (N)
515.3 L.F. 6′x3′ RCB @ 0.00%
+62.79
121.2 L.F. 6′x3′ RCB @ 1.77%
℄ In=1284.00
℄ Out=1284.00
℄ In=1286.15
℄ Out=1286.53
42
43
44
45
46

WATERMAN STREET

STORM SEWER PLAN

LINE NO. 100
STA. 42+00 TO STA. 45+81.94
C.O.W. PROJ. NO. 468-84167

Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202
316-262-2691 • FAX 316-262-3003

Designed by	MJW	Job No.	06237
Drawn by	DRP	Date	Feb., 2007

Sheet D5 of D35

DSNR: MJW OPER: DRP SCALE: 00-00-2006 14:00:04 LAST REV: 2-19-2007 BY: DRP
I:/2006/06237/PROFILE/06237-000-PR-SWS100-4.DGN