Existing Lake

10'
20'
92.4'
35.0'
150°26'52"
15.0'
75'
SS
1335.3
1337.5
1339.8
1340.8
5.0'
121.57'
2.39'
10' Drainage Easement
20' Utility Easement

STATION 0+00, LINE 1
INSTALL END SECTION. PLACE 22 SQ. YDS. LIGHT STONE RIP-RAP AS INDICATED. REGRADE POND BOTTOM AS NECESSARY TO ALLOW STORM SEWER CONSTRUCTION.

STATION 0+76.0, LINE 1
CONSTRUCT SHALLOW MANHOLE (5' DIA.) TOP ELEV. 1335.7

RESERVE 'D'

GRADE EASEMENT TO ALLOW SUMP TO OVERFLOW TO EXISTING LAKE. SEED, FERTILIZE AND MULCH EASEMENT PER CITY SPECIFICATIONS.

TARA FALLS 2ND ADD.

LINE 1

TARA FALLS
A
29

1

75'
W
8" Water (By Others)
Proposed
75'
W
64' R/W
116.31'

Tara Falls
Proposed A.C. Pavement

STATION 2+23.0, LINE 1
STREET STA. 18+99.3, 18.8' Rt.
CONSTRUCT TYPE 1A INLET
L = 15' W = 5'
TOP ELEV. 1340.50

STATION 2+65.6, LINE 1
STREET STA. 19+00.5, 19.4' Lt.
CONSTRUCT TYPE 1A INLET
L = 10' W = 5'
TOP ELEV. 1340.50

HATCHED PORTION OF STOCKPILE TO BE RELOCATED WITH SANITARY SEWER PROJECT

TARA FALLS
C
18
17
20
21

79.15'
75'
Proposed 8" San. Sewer (By Others)
SS
5.0'
125'
126.2'
1.93'
20' Drainage & Utility Easement
68.07'
70'
75'
SS

STATION 3+97.1, LINE 1
CONSTRUCT SHALLOW MANHOLE (5' DIA.) W/ BEEHIVE FRAME & GRATE
TOP ELEV. 1337.50

STATION 5+37.1, LINE 1
CONSTRUCT SHALLOW MANHOLE (5' DIA.) W/ BEEHIVE FRAME & GRATE
TOP ELEV. 1337.50

SCALE
1" = 20' Horiz. (Plan & Profile)
1" = 5' Vert. (Profile)

~~Subdivision~~ Bench Marks

No.	Street and Station	From CL	Description	Elevation
1	Michelle, Sta. 7+34	14.50' Rt	☒ in top of curb, East side of Michelle, between Lots 8 & 9.	1330.50
2	Michelle Ct., Sta. 2+05	14.50' Rt	☒ in top of curb, East side of Michelle Ct, between Lots 12 & 13.	1331.36
3	Michelle Ct., Sta. -0+35	0' Rt	☒ in T.C., end of Cul-de-sac on Michelle Ct, between Lots 16 & 17.	1334.53

20.0'
3.0'
1.5'
2.0'

LIGHT STONE RIP-RAP DETAIL

NOTE: STATIONS INDICATED ON PLAN INDICATE STATION AT MIDDLE OF INSIDE FACE OF INLET, UNLESS OTHERWISE NOTED.

STATION 0+00, LINE 1
INSTALL END SECTION.

STATION 0+76.0, LINE 1
CONSTRUCT SHALLOW MANHOLE (5' DIA.) TOP ELEV. 1333.7

EXISTING 8" SAN. SEWER

LINE 1

GRADE EASEMENT TO ALLOW SUMP TO OVERFLOW TO EXISTING LAKE.

PROPOSED 8" WATER MAIN

STATION 2+23.0, LINE 1
CONSTRUCT TYPE 1A INLET
W = 5'
L = 15'
TOP ELEV. 1340.50

STATION 2+65.6, LINE 1
CONSTRUCT TYPE 1A INLET
W = 5'
L = 10'
TOP ELEV. 1340.50

STATION 3+97.1, LINE 1
CONSTRUCT SHALLOW MANHOLE (5' DIA.) W/ BEEHIVE FRAME & GRATE
TOP ELEV. 1337.50

STATION 5+37.1, LINE 1
CONSTRUCT SHALLOW MANHOLE (5' DIA.) W/ BEEHIVE FRAME & GRATE
TOP ELEV. 1337.50

STA. 0+14 TO STA. 0+66, PLACE 52 L.F. PROTECTIVE FILL AS INDICATED.

Finished Grade
Existing Ground

Existing Ground
Existing Ground After Sewer Contruction = Finished Grade

100 YR W.S. = 1334.0
STATIC POOL = 1332.5±

STA. 2+25 TO STA. 2+63, PLACE 38 L.F. FLOWABLE FILL AS INDICATED. TOP ELEV = 1338.00

1340
1335
1330
1325
1345

76.0 L.F. 24" RCP @ 0.50% Grade
147.0 L.F. 24" RCP @ 0.50% Grade
42.6 L.F. 24" RCP @ 0.50% Grade
131.5 L.F. 24" RCP @ 0.50% Grade
140.0 L.F. 18" RCP @ 0.50% Grade

1331.00 FL OUT
1331.25 FL
1331.38 FL OUT
1331.48 FL IN
1331.60 FL
1331.85 FL
1332.10 FL
1332.22 FL OUT
1332.22 FL IN
1332.43 FL OUT
1332.43 FL IN
1332.61 FL
1332.86 FL
1333.09 FL OUT
1333.09 FL OUT
1333.35 FL
1333.60 FL
1333.79 FL OUT

0+00
0+76.0
1+00
2+00
2+23.0
2+65.6
3+00
3+50
3+97.1
4+50
5+00
3+97.1

TARA FALLS INCIDENTAL DRAINAGE
LINE 1
WICHITA, SEDGWICK COUNTY, KANSAS

SRB
924 NORTH MAIN
WICHITA, KANSAS 67203
http://www.srb1.com
316-264-8008
FAX 264-4621
E-Mail: srb@srb1.com
SAVOY, RUGGLES & BOHM, P.A.
ENGINEERING & SURVEYING

PROJECT NUMBER 472-83374

DESIGN	DRAWN	UTILITY	REVIEW	DATE	REVISED
KWL	KWL	-		June 1, 2001	-

DWG FILE: Paving

SRB JOB NO. 1001E

SHEET 9 OF 27