8/29/01 K:\D\0101008 LOEFFLER\IMPROVEMENT PLANS\1008san.dwg 10/12/01 02:22:50 PM CDT

8" SANITARY – STA: 3+60– ELEV: 494.89
30" STORM – STA: 1+11 – ELEV: 499.83
FL OUT = 494.94
FL IN = 495.14
T= 511.8 (MH F)
LOT# 123 STA. 0+05 85' RT. B.F. 505.9 T.S. 503.4
LOT# 60 STA. 0+10 15' LT. B.F. 505.9 T.S. 503.4
LOT# 59 STA. 0+67 15' LT. B.F. 507.1 T.S. 504.6
LOT# 124 STA. 0+72 85' RT. B.F. 507.3 T.S. 504.8
LOT# 58 STA. 1+30 15' LT. B.F. 508.3 T.S. 505.8
LOT# 125 STA. 1+42 85' RT. B.F. 508.7 T.S. 506.2
LOT# 57 STA. 1+90 15' LT. B.F. 509.5 T.S. 507.0
LOT# 126 STA. 2+05 85' RT. B.F. 510.1 T.S. 507.6
LOT# 56 STA. 2+50 15' LT. B.F. 510.7 T.S. 508.2
LOT# 127 STA. 3+00 85' RT. B.F. 511.5 T.S. 509.0
LOT# 55 STA. 3+10 15' LT. B.F. 511.9 T.S. 509.4
335.00'~8"PVC @ 3.6%
FL OUT = 507.20
T= 518.5 (MH G)
LOT# 128 STA. MH G 85' RT. B.F. 512.2 T.S. 509.7

FL OUT = 473.26
FL IN = 474.00
150.70'~8"PVC @ 3.0%
SWEEP INVERT TO EXIST FL
T= 486.83 (EX MH)
FL OUT = 481.53
FL IN = 481.73
T= 494.0 (MH A)
LOT# 15 STA. 0+47, 45'LT B.F. 494.0, T.S. 491.5
LOT# 6 STA. 0+72, 39'RT B.F. 494.8, T.S. 492.3
197.60'~8"PVC @ 1.56%
LOT# 14 STA. 1+35, 28'LT B.F. 494.3, T.S. 491.8
LOT# 7 STA. 1+64, 40'RT B.F. 495.2, T.S. 492.7
FL OUT = 484.81
FL IN = 485.01
T= 495.5 (MH B)
LOT# 9 STA. 0+11, 47'RT B.F. 493.6, T.S. 491.1
LOT# 10 STA. 0+54, 28'RT B.F. 494.8, T.S. 492.3
LOT# 13 STA. 0+71, 33'LT B.F. 494.9, T.S. 492.4
123.70'~8"PVC @ 1.0%
FL OUT = 486.25
FL IN = 486.45
T= 501.7 (MH C)
80.00'~8"PVC @ 1.0%
FL OUT = 487.25
FL IN = 487.45
T= 502.2 (MH D)
LOT# 113 STA. 0+30 85' RT. B.F. 497.6 T.S. 495.1
LOT# 114 STA. 1+00 85' RT. B.F. 499.7 T.S. 497.2
LOT# 115 STA. 1+70 85' RT. B.F. 501.8 T.S. 499.3
LOT# 69 STA. 1+99 15' LT. B.F. 502.2 T.S. 499.7
LOT# 116 STA. 2+40 85' RT. B.F. 503.4 T.S. 500.9
LOT# 68 STA. 2+55 15' LT. B.F. 503.4 T.S. 500.9
LOT# 67 STA. 3+45 15' LT. B.F. 503.4 T.S. 500.9
LOT# 117 STA. 3+50 85' RT. B.F. 503.5 T.S. 501.0
363.80'~8"PVC @ 1.0%
FL OUT = 491.09
FL IN = 491.29
T= 509.4 (MH E)
LOT# 66 STA. 0+45 15' LT. B.F. 502.3 T.S. 499.8
LOT# 118 STA. 0+57 85' RT. B.F. 502.3 T.S. 499.8
LOT# 65 STA. 1+05 15' LT. B.F. 501.1 T.S. 498.6
8" SANITARY – STA: 1+20– ELEV: 492.49
15" STORM – STA: 1+18 – ELEV: 496.38
LOT# 119 STA. 1+30 85' RT. B.F. 500.9 T.S. 498.4
LOT# 64 STA. 1+35 15' LT. B.F. 501.1 T.S. 498.6
LOT# 120 STA. 1+50 85' RT. B.F. 501.7 T.S. 499.2
LOT# 63 STA. 1+95 15' LT. B.F. 502.3 T.S. 499.8
LOT# 121 STA. 2+45 85' RT. B.F. 503.1 T.S. 500.6
LOT# 62 STA. 2+55 15' LT. B.F. 503.5 T.S. 501.0
LOT# 122 STA. 3+05 85' RT. B.F. 504.5 T.S. 502.0
LOT# 61 STA. 3+15 15' LT. B.F. 504.7 T.S. 502.2
365.00'~8"PVC @ 1.0%
CONCRETE ENCASEMENT (TYP)
GRANULAR FILL (TYP.)
CONCRETE CRADLE (TYP)
8" SANITARY – STA: 3+60– ELEV: 494.89
30" STORM – STA: 1+11 – ELEV: 499.83
FL OUT = 494.94
FL IN = 495.14
T= 511.8 (MH F)

FL OUT = 487.25
FL IN = 487.45
T= 502.2 (MH D)
71.50' 8"PVC @ 1.0%
GRANULAR FILL (TYP.)
FL OUT = 488.17
FL IN = 488.37
T= 502.0 (MH I)
LOT# 112 STA. 0+26, 14'LT B.F. 495.5, T.S. 493.0
CONCRETE ENCASEMENT (TYP)
CONCRETE CRADLE (TYP)
LOT# 111 STA. 0+96, 11'LT B.F. 493.9, T.S. 491.4
8" SANITARY – STA: 1+11– ELEV: 489.48
21" STORM – STA: 0+16 – ELEV: 492.96
LOT# 110 STA. 1+25, 10'LT B.F. 493.6, T.S. 491.1
LOT# 8 STA. 1+32, 91'RT B.F. 496.1, T.S. 493.6
275.40'~8"PVC @ 1.0%
FIRST 70' @ 2.0% FROM MAIN CONCRETE ENCASE @ STORM X-ING
LOT# 109 STA. 1+95, 7'LT B.F. 494.9, T.S. 492.4
FL OUT = 491.12
LOT# 108 STA. 2+70, 16'LT B.F. 497.0, T.S. 494.5
T= 502.2 (MH J)

FL OUT = 486.25
FL IN = 486.45
T= 501.7 (MH C)
39.50' 8"PVC @ 12.0%
FL OUT = 491.19
LOT# 11 STA. 0+35, 19'RT B.F. 498.2, T.S. 495.7
T= 501.7 (MH H)
LOT# 12 MH H, 41'LT B.F. 495.6, T.S. 493.1

1"=10' SCALE 1"=50'

480 490 500 510 520 530 540 550 470

BASE MAP N/A

NO.	01
M.S.D. P#	N/A
SHEET	14 OF 29
DIGITAL FILE LOCATION	SERVER-STERLING-2 G:\D\1008\dwg

PROJECT: *SPRING ORCHARD*

SHEET TITLE: SANITARY SEWER PROFILES

DRAWN:
DESIGNED:
CHECKED:

PREPARED BY:
THE STERLING CO.
ENGINEERS & SURVEYORS
5055 NEW BAUMGARTNER ROAD
ST. LOUIS, MISSOURI 63129
(314)-487-0440 FAX 487-8944
E-Mail: Sterling@sterling-eng-sur.com

MICHAEL G. POPPINK NUMBER E-26643 REGISTERED PROFESSIONAL ENGINEER STATE OF MISSOURI

PREPARED FOR:
N & K HIGHWAYS, L.L.C.
5091 NEW BAUMGARTNER ROAD
ST. LOUIS, MISSOURI 63129
(314) 487-6717

ISSUE	REMARKS/DATE
1	9-06-01 FIRST SUBMITTAL
2	9-26-01 REVISIONS PER D.C.S.D.
3	10-05-01 D.C.S.D. & CITY COMMENTS
4	10-10-01 REV SAN LINE D-J PER D.C.S.D.
5	10-12-01 REVISE LATERALS PER CITY