
## Proposed Inlet Catchment to Basin C

| STRUCTURE & DA NUMBER | | TOTAL AREA SF | TOTAL AREA AC | IMPERVIOUS AREA SF | IMPERVIOUS AREA AC | IMPERVIOUS AREA "C" | PERVIOUS AREA SF | PERVIOUS AREA AC | PERVIOUS AREA "C" | IMPE COVER (%) | COMP. "C" |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STORM SEWERS | | | | | | | | | | | |
| C29-CI | E INLET | 4,120 | 0.095 | 4,120 | 0.09 | 0.98 | 0 | 0.00 | 0.74 | 100.00 | 0.98 |
| C28-CI | Curb Inlet | 3,490 | 0.080 | 3,490 | 0.08 | 0.98 | 0 | 0.00 | 0.74 | 100.00 | 0.98 |
| C27-CI | Curb Inlet | 3,120 | 0.072 | 3,120 | 0.07 | 0.98 | 0 | 0.00 | 0.74 | 100.00 | 0.98 |
| C26-CI | Curb Inlet | 6,420 | 0.147 | 2,630 | 0.06 | 0.98 | 3,790 | 0.09 | 0.74 | 40.97 | 0.84 |
| C24-CI | Curb Inlet | 3,410 | 0.078 | 2,110 | 0.05 | 0.98 | 1,300 | 0.03 | 0.74 | 61.88 | 0.89 |
| C22-CI | Curb Inlet | 4,090 | 0.094 | 4,090 | 0.09 | 0.98 | 0 | 0.00 | 0.74 | 100.00 | 0.98 |
| C23-CI | Curb Inlet | 9,680 | 0.222 | 2,910 | 0.07 | 0.98 | 6,770 | 0.16 | 0.74 | 30.06 | 0.81 |
| C21-CI | Curb Inlet | 34,900 | 0.801 | 17,450 | 0.40 | 0.98 | 17,450 | 0.40 | 0.74 | 50.00 | 0.86 |
| C40-CI | Curb Inlet | 31,650 | 0.727 | 24,680 | 0.57 | 0.98 | 6,970 | 0.16 | 0.74 | 77.98 | 0.93 |
| C32-CI | Curb Inlet | 13,680 | 0.314 | 8,580 | 0.20 | 0.98 | 5,100 | 0.12 | 0.74 | 62.72 | 0.89 |
| C30-CI | Curb Inlet | 11,170 | 0.256 | 5,860 | 0.13 | 0.98 | 5,310 | 0.12 | 0.74 | 52.46 | 0.87 |
| C20-CI | Curb Inlet | 20,190 | 0.463 | 14,610 | 0.34 | 0.98 | 5,580 | 0.13 | 0.74 | 72.36 | 0.91 |
| C19-CI | LAWN Inle | 18,760 | 0.431 | 14,080 | 0.32 | 0.98 | 4,680 | 0.11 | 0.74 | 75.05 | 0.92 |
| C15-CI | Curb Inlet | 11,200 | 0.257 | 7,630 | 0.18 | 0.98 | 3,570 | 0.08 | 0.74 | 68.13 | 0.90 |
| C14-CI | Curb Inlet | 10,680 | 0.245 | 7,430 | 0.17 | 0.98 | 3,250 | 0.07 | 0.74 | 69.57 | 0.91 |
| C13-CI | Curb Inlet | 7,830 | 0.180 | 6,590 | 0.15 | 0.98 | 1,240 | 0.03 | 0.74 | 84.16 | 0.94 |
| C12-CI | Curb Inlet | 8,790 | 0.202 | 6,890 | 0.16 | 0.98 | 1,900 | 0.04 | 0.74 | 78.38 | 0.93 |
| C11-CI | Curb Inlet | 5,720 | 0.131 | 4,620 | 0.11 | 0.98 | 1,100 | 0.03 | 0.74 | 80.77 | 0.93 |
| C10-CI | Curb Inlet | 10,990 | 0.252 | 7,070 | 0.16 | 0.98 | 3,920 | 0.09 | 0.74 | 64.33 | 0.89 |
| C9-CI | Curb Inlet | 10,560 | 0.242 | 7,380 | 0.17 | 0.98 | 3,180 | 0.07 | 0.74 | 69.89 | 0.91 |
| C25-CI | Curb Inlet | 26,630 | 0.611 | 11,620 | 0.27 | 0.98 | 15,010 | 0.34 | 0.74 | 43.63 | 0.84 |
| SUB-TOTAL | | 257,080 | 5.90 | 73,180 | 1.68 | 0.98 | 41,380 | 0.95 | 0.74 | 28.47 | 0.89 |
| DIRECT FLOW & SWALES | | | | | | | | | | | |
| BASIN-C | Lawn Inlet | 75,060 | 1.723 | 13,200 | 0.30 | 0.98 | 61,860 | 1.42 | 0.74 | 17.59 | 0.78 |
| PDA-_C-direct | | 75,060 | 1.72 | 13,200 | 0.30 | 0.98 | 61,860 | 1.42 | 0.74 | 17.59 | 0.78 |
| TOTAL | | 332,140 | 7.62 | 86,380 | 1.98 | 0.98 | 103,240 | 2.37 | 0.74 | 46.05 | 0.85 |

## Proposed Inlet Catchment to Basin D

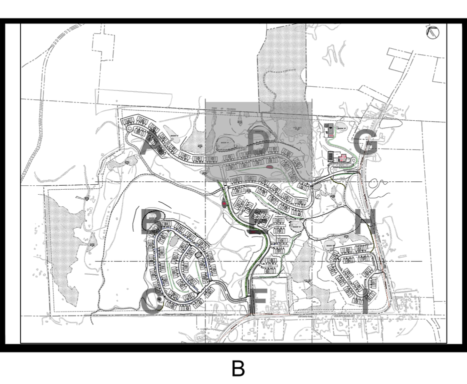
| STRUCTURE & DA NUMBER | | TOTAL AREA SF | TOTAL AREA AC | IMPERVIOUS AREA SF | IMPERVIOUS AREA AC | IMPERVIOUS AREA "C" | PERVIOUS AREA SF | PERVIOUS AREA AC | PERVIOUS AREA "C" | IMPE COVER (%) | COMP. "C" |
|---|---|---|---|---|---|---|---|---|---|---|---|
| STORM SEWERS | | | | | | | | | | | |
| D42-CI | E INLET | 10,640 | 0.244 | 8,040 | 0.18 | 0.98 | 2,600 | 0.06 | 0.74 | 75.56 | 0.92 |
| D40-CI | Curb Inlet | 11,940 | 0.274 | 9,200 | 0.21 | 0.98 | 2,740 | 0.06 | 0.74 | 77.05 | 0.92 |
| D38-CI | Curb Inlet | 1,510 | 0.035 | 1,450 | 0.03 | 0.98 | 60 | 0.00 | 0.74 | 96.03 | 0.97 |
| D36-CI | Curb Inlet | 6,210 | 0.143 | 3,780 | 0.09 | 0.98 | 2,430 | 0.06 | 0.74 | 60.87 | 0.89 |
| D34-CI | Curb Inlet | 17,450 | 0.401 | 13,970 | 0.32 | 0.98 | 3,480 | 0.08 | 0.74 | 80.06 | 0.93 |
| D32-CI | Curb Inlet | 7,270 | 0.167 | 5,840 | 0.13 | 0.98 | 1,430 | 0.03 | 0.74 | 80.33 | 0.93 |
| D30-CI | Curb Inlet | 11,990 | 0.275 | 9,260 | 0.21 | 0.98 | 2,730 | 0.06 | 0.74 | 77.23 | 0.93 |
| D28-CI | Curb Inlet | 15,640 | 0.359 | 13,420 | 0.31 | 0.98 | 2,220 | 0.05 | 0.74 | 85.81 | 0.95 |
| D26-CI | Curb Inlet | 7,370 | 0.169 | 4,360 | 0.10 | 0.98 | 3,010 | 0.07 | 0.74 | 59.16 | 0.88 |
| D24-CI | Curb Inlet | 7,260 | 0.167 | 5,540 | 0.13 | 0.98 | 1,720 | 0.04 | 0.74 | 76.31 | 0.92 |
| D22-LI | Lawn Inlet | 212,730 | 4.884 | 39,600 | 0.91 | 0.98 | 173,130 | 3.97 | 0.74 | 18.62 | 0.78 |
| D18-CI | Curb Inlet | 23,670 | 0.543 | 19,480 | 0.45 | 0.98 | 4,190 | 0.10 | 0.74 | 82.30 | 0.94 |
| D16-CI | Curb Inlet | 14,100 | 0.324 | 10,090 | 0.23 | 0.98 | 4,010 | 0.09 | 0.74 | 71.56 | 0.91 |
| D14-CI | Curb Inlet | 12,070 | 0.277 | 7,570 | 0.17 | 0.98 | 4,500 | 0.10 | 0.74 | 62.72 | 0.89 |
| D12-CI | Curb Inlet | 9,650 | 0.222 | 8,540 | 0.20 | 0.98 | 1,110 | 0.03 | 0.74 | 88.50 | 0.95 |
| SUB-TOTAL | | 369,500 | 8.48 | 160,140 | 3.68 | 0.98 | 209,360 | 4.81 | 0.74 | 43.34 | 0.84 |
| DIRECT FLOW & SWALES | | | | | | | | | | | |
| BASIN-D | Lawn Inlet | 53,170 | 1.221 | 6,600 | 0.15 | 0.98 | 46,570 | 1.07 | 0.74 | 12.41 | 0.77 |
| PDA-_C-direct | | 53,170 | 1.22 | 6,600 | 0.15 | 0.98 | 46,570 | 1.07 | 0.74 | 12.41 | 0.77 |
| TOTAL | | 422,670 | 9.70 | 166,740 | 3.83 | 0.98 | 255,930 | 5.88 | 0.74 | 55.75 | 0.83 |

GRAPHIC SCALE

40 0 20 40 80

( IN FEET )
1 inch = 40 ft.



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SIGNATURE DATE

REVISIONS/ISSUES

| REV | DATE | DESCRIPTION |
|---|---|---|

PROJECT TITLE

PRELIMINARY & FINAL SITE PLAN

# Gan-Eden Estates

TOWN OF THOMPSON SULLIVAN COUNTY NEW YORK

TAX LOT
SECTION 2,
BLOCK 1/ LOT 6.3

SHEET TITLE

## PROPOSED STORMWATER DRAINAGE PLAN
(SECTION D)

| | |
|---|---|
| INITIAL DATE: OCT. 15, 2019 | JOB NO.: 01895.0053 |
| SCALE: 1" = 40' | B/O |
| DRAWN: C.Y. / F.M. | SHEET NO.: C-10D |
| CHKD.: L.A.D. | 61 OF 103 |

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