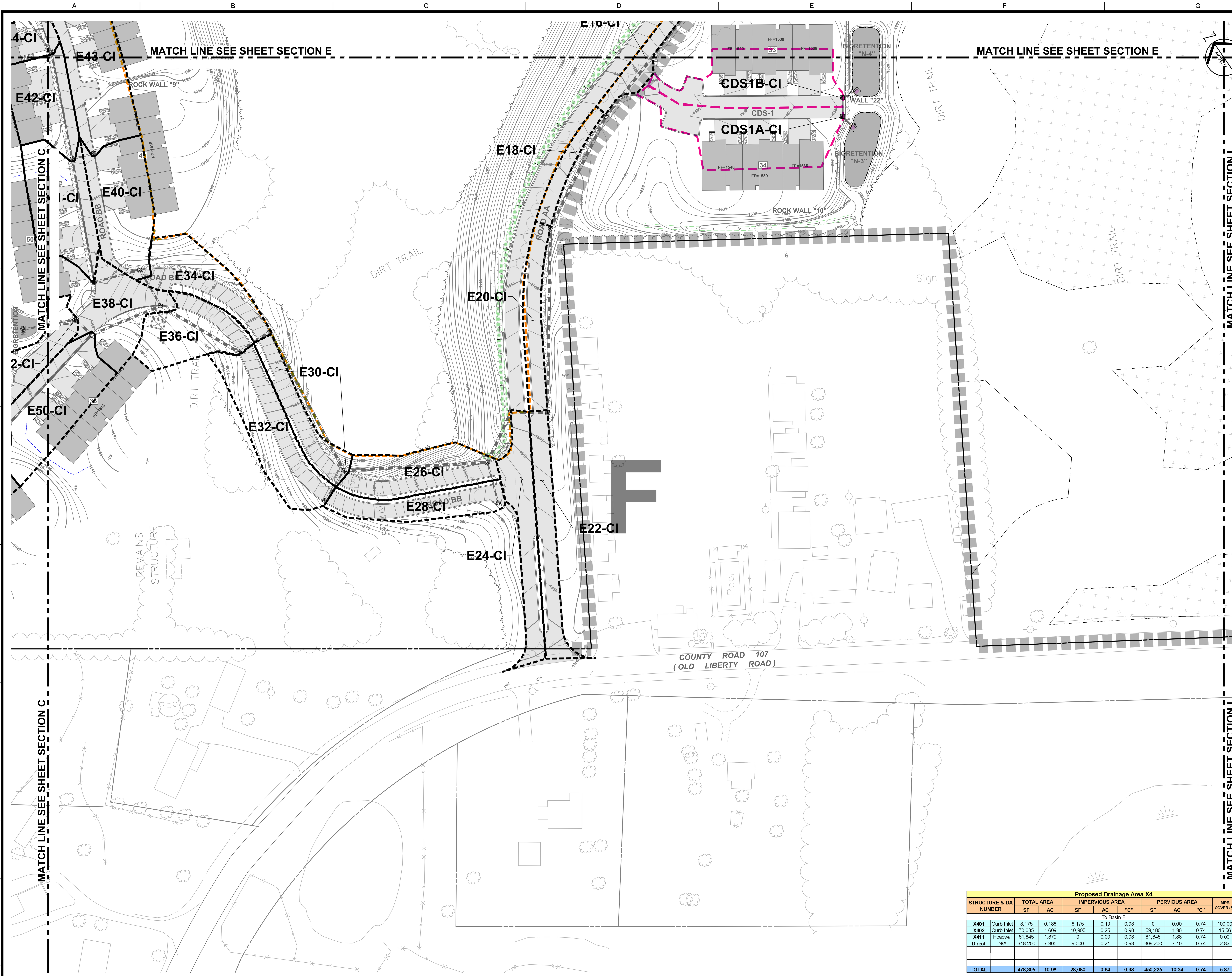

Proposed Inlet Catchment to Basin E

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											
E76-CI	E INLET	17,400	0.399	12,400	0.28	0.98	5,000	0.11	0.74	71.26	0.91
E74-CI	Curb Inlet	23,500	0.539	17,700	0.41	0.98	5,800	0.13	0.74	75.32	0.92
E72-CI	Curb Inlet	11,750	0.270	8,850	0.20	0.98	2,900	0.07	0.74	75.32	0.92
E70-CI	Curb Inlet	11,700	0.269	8,100	0.19	0.98	3,600	0.08	0.74	69.23	0.91
E68-CI	E Inlet	60,900	1.398	20,100	0.46	0.98	40,800	0.94	0.74	33.00	0.82
E66-CI	Curb Inlet	1,750	0.040	1,700	0.04	0.98	50	0.00	0.74	97.14	0.97
E64-CI	Curb Inlet	17,740	0.407	13,240	0.30	0.98	4,500	0.10	0.74	74.63	0.92
E62-CI	Curb Inlet	3,170	0.073	1,710	0.04	0.98	1,460	0.03	0.74	53.94	0.87
E60-CI	Curb Inlet	4,040	0.093	2,190	0.05	0.98	1,850	0.04	0.74	54.21	0.87
E52-CI	Curb Inlet	13,050	0.300	7,690	0.18	0.98	5,360	0.12	0.74	58.93	0.88
E59-CI	Curb Inlet	23,340	0.536	16,660	0.38	0.98	6,680	0.15	0.74	71.38	0.91
E58-CI	Curb Inlet	28,150	0.646	20,700	0.48	0.98	7,450	0.17	0.74	73.53	0.92
E56-CI	Curb Inlet	6,710	0.154	5,040	0.12	0.98	1,670	0.04	0.74	75.11	0.92
E54-AI	A Inlet	65,900	1.513	16,500	0.38	0.98	49,400	1.13	0.74	25.04	0.80
E50-CI	Curb Inlet	9,510	0.218	6,400	0.15	0.98	3,110	0.07	0.74	67.30	0.90
E48-CI	Curb Inlet	15,620	0.359	9,760	0.22	0.98	5,860	0.13	0.74	62.48	0.89
E46-CI	Curb Inlet	11,170	0.256	5,320	0.12	0.98	5,850	0.13	0.74	47.63	0.85
E44-CI	Curb Inlet	3,460	0.079	3,000	0.07	0.98	460	0.01	0.74	86.71	0.95
E43-CI	Curb Inlet	13,030	0.299	10,090	0.23	0.98	2,940	0.07	0.74	77.44	0.93
E42-CI	Curb Inlet	6,640	0.152	5,090	0.12	0.98	1,550	0.04	0.74	76.66	0.92
E41-CI	Curb Inlet	8,530	0.196	6,230	0.14	0.98	2,300	0.05	0.74	73.04	0.92
E40-CI	Curb Inlet	8,720	0.200	6,140	0.14	0.98	2,580	0.06	0.74	70.41	0.91
E38-CI	Curb Inlet	8,940	0.205	4,750	0.11	0.98	4,190	0.10	0.74	53.13	0.87
E36-CI	Curb Inlet	6,620	0.152	1,800	0.04	0.98	4,820	0.11	0.74	27.19	0.81
E34-CI	Curb Inlet	6,580	0.151	3,090	0.07	0.98	3,490	0.08	0.74	46.96	0.85
E32-CI	Curb Inlet	8,890	0.204	3,710	0.09	0.98	5,180	0.12	0.74	41.73	0.84
E30-CI	Curb Inlet	4,410	0.101	3,120	0.07	0.98	1,290	0.03	0.74	70.75	0.91
E28-CI	Curb Inlet	5,310	0.122	3,190	0.07	0.98	2,120	0.05	0.74	60.08	0.88
E26-CI	Curb Inlet	7,230	0.166	3,540	0.08	0.98	3,690	0.08	0.74	48.96	0.86
E24-CI	Curb Inlet	6,380	0.146	6,000	0.14	0.98	380	0.01	0.74	94.04	0.97
E22-CI	Curb Inlet	5,630	0.129	5,300	0.12	0.98	330	0.01	0.74	94.14	0.97
E20-CI	Curb Inlet	3,970	0.091	3,900	0.09	0.98	70	0.00	0.74	98.24	0.98
E18-CI	Curb Inlet	2,080	0.048	2,000	0.05	0.98	80	0.00	0.74	96.15	0.97
E16-CI	Curb Inlet	2,620	0.060	2,500	0.06	0.98	120	0.00	0.74	95.42	0.97
E12-CI	Curb Inlet	2,750	0.063	2,650	0.06	0.98	100	0.00	0.74	96.36	0.97
E10-CI	Curb Inlet	1,720	0.039	1,700	0.04	0.98	20	0.00	0.74	98.84	0.98
E8-CI	Curb Inlet	13,000	0.298	1,740	0.04	0.98	11,260	0.26	0.74	13.38	0.77
E6-CI	Curb Inlet	20,800	0.478	15,900	0.37	0.98	4,900	0.11	0.74	76.44	0.92
SUB-TOTAL		472,710	10.85	269,500	6.19	0.98	203,210	4.67	0.74	57.01	0.88
DIRECT FLOW & SWALES											
BASIN-E	Lawn Inlet	48,630	1.116	6,600	0.15	0.98	42,030	0.96	0.74	13.57	0.77
PDA-_E-direct		48,630	1.12	6,600	0.15	0.98	42,030	0.96	0.74	13.57	0.77
TOTAL		521,340	11.97	276,100	6.34	0.98	245,240	5.63	0.74	70.58	0.87

Proposed Inlet Catchment IN CDS

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"
TO STORM SEWERS											
CDS1-CI	Curb Inlet	21,280	0.489	17,060	0.39	0.98	4,220	0.10	0.74	80.17	0.93
CDS2-CI	Curb Inlet	25,530	0.586	17,800	0.41	0.98	7,730	0.18	0.74	69.72	0.91
CDS4A-CI	Curb Inlet	13,025	0.299	8,540	0.20	0.98	4,485	0.10	0.74	65.57	0.90
CDS4B-CI	Curb Inlet	13,025	0.299	8,540	0.20	0.98	4,485	0.10	0.74	65.57	0.90
CDS5-CI	Curb Inlet	33,500	0.769	17,010	0.39	0.98	16,490	0.38	0.74	50.78	0.86
X411-HW	HEADWALL	227,000	5.211	1,000	0.02	0.98	226,000	5.19	0.74	0.44	0.74
X10-CB	E INLET	394,500	9.056	11,697	0.27	0.98	382,803	8.79	0.74	2.96	0.75
X6-CB	E INLET	394,500	9.056	11,697	0.27	0.98	382,803	8.79	0.74	2.96	0.75
X4-CB	E INLET	394,500	9.056	11,697	0.27	0.98	382,803	8.79	0.74	2.96	0.75
X201-CB	E INLET	152,550	3.502	2,112	0.05	0.98	150,438	3.45	0.74	1.38	0.74

Proposed Drainage Area X4

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"
To Basin E											
X401	Curb Inlet	8,175	0.188	8,175	0.19	0.98	0	0.00	0.74	100.00	0.98
X402	Curb Inlet	70,085	1.609	10,905	0.25	0.98	59,180	1.36	0.74	15.56	0.78
X411	Headwall	81,845	1.879	0	0.00	0.98	81,845	1.88	0.74	0.00	0.74
Direct	N/A	318,200	7.305	9,000	0.21	0.98	309,200	7.10	0.74	2.83	0.75
TOTAL		478,305	10.98	28,080	0.64	0.98	450,225	10.34	0.74	5.87	0.75

GRAPHIC SCALE

40 0 20 40 80

(IN FEET)
1 inch = 40 ft.

FILE NAME: P:\01895\029\C\Dwgs\Plotdwgs\10_01895029C-Drainage Plans .dwg \ F | LAST EDIT: 10/15/2019

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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 F)

INITIAL DATE	JOB NO.
OCT. 15, 2019	01895.0053
SCALE	B/O
1" = 40'	
DRAWN	SHEET NO.
C.Y. / F.M.	C-10F
CHKD.	
L.A.D.	63 OF 103