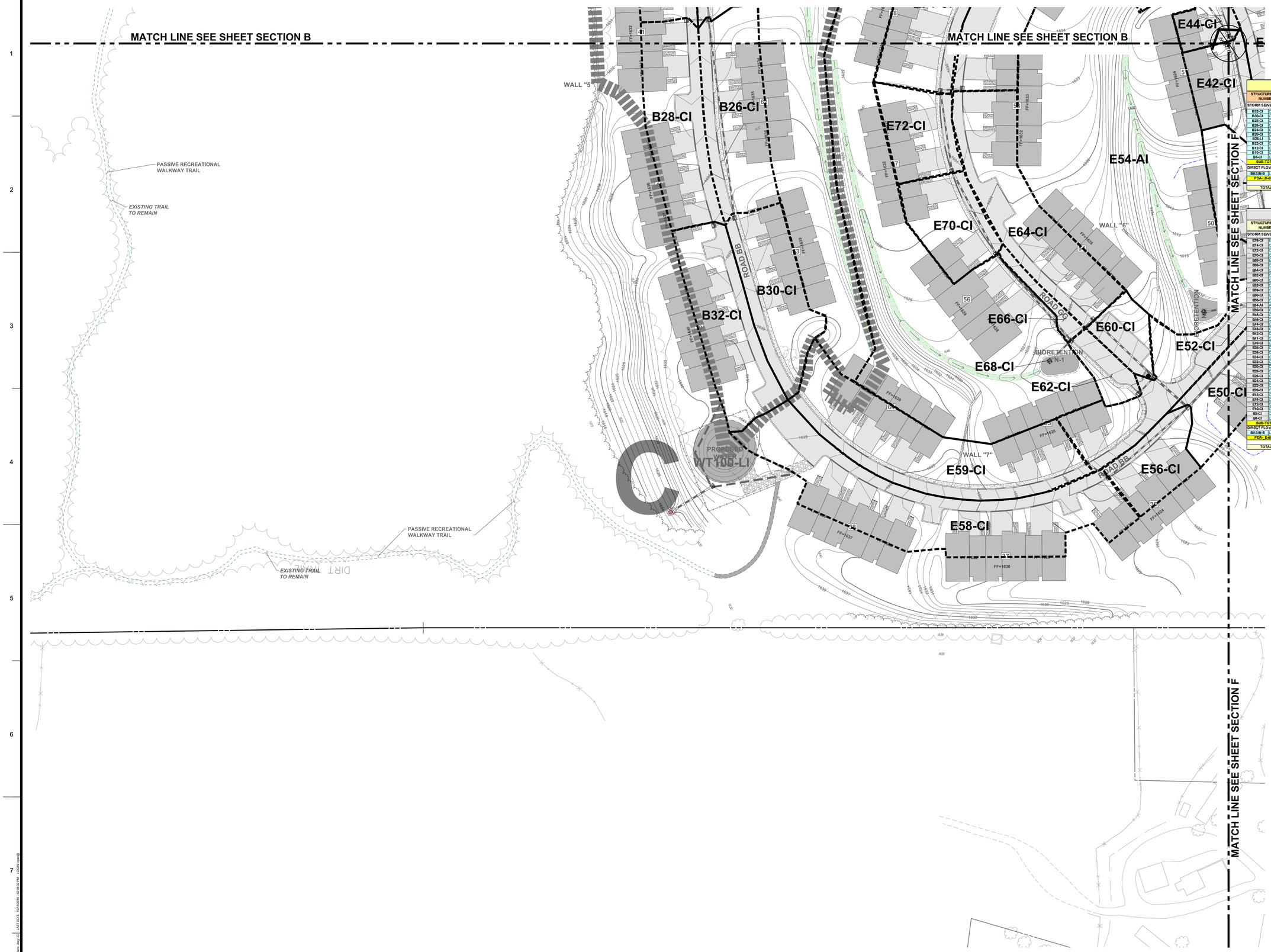

Proposed Inlet Catchment to Basin B

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											
B32-CI	Curb Inlet	13,850	*0.318*	8,180	0.19	0.98	5,670	0.13	0.74	59.06	***0.88***
B30-CI	Curb Inlet	12,050	*0.277*	9,340	0.21	0.98	2,710	0.06	0.74	77.51	***0.93***
B28-CI	Curb Inlet	14,120	*0.324*	10,750	0.25	0.98	3,370	0.08	0.74	76.13	***0.92***
B26-CI	Curb Inlet	14,800	*0.341*	6,660	0.20	0.98	8,190	0.14	0.74	58.32	***0.82***
B24-CI	Curb Inlet	25,220	*0.579*	7,890	0.18	0.98	17,330	0.40	0.74	31.28	***0.82***
B20-CI	Curb Inlet	20,800	*0.478*	16,300	0.37	0.98	4,500	0.10	0.74	78.37	***0.93***
B25-LI	LAWN Inlet	65,260	*1.498*	13,200	0.30	0.98	52,060	1.20	0.74	20.23	***0.79***
B22-CI	Curb Inlet	16,300	*0.375*	12,340	0.28	0.98	3,970	0.09	0.74	75.72	***0.92***
B12-CI	Curb Inlet	26,460	*0.608*	7,670	0.18	0.98	18,620	0.43	0.74	28.95	***0.81***
B10-CI	Curb Inlet	14,150	*0.326*	10,190	0.23	0.98	4,000	0.09	0.74	71.91	***0.91***
B5-CI	Curb Inlet	17,600	*0.404*	12,600	0.29	0.98	5,000	0.11	0.74	71.59	***0.91***
SUB-TOTAL		**340,780**	**7.83**	**117,160**	**2.69**	**0.98**	**123,620**	**2.84**	**0.74**	**46.66**	**0.85**
DIRECT FLOW & SWALES											
BASIN-B	Lawn Inlet	61,800	1.419	13,200	0.30	0.98	48,600	1.12	0.74	21.36	0.79
PDA- B-direct		**61,800**	**1.42**	**13,200**	**0.30**	**0.98**	**48,600**	**1.12**	**0.74**	**21.36**	**0.79**
TOTAL		**302,580**	**6.95**	**130,360**	**2.99**	**0.98**	**172,220**	**3.95**	**0.74**	**70.02**	**0.84**

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*	8,650	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***
E66-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*	1,170	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*	16,560	0.38	0.98	6,680	0.15	0.74	71.38	***0.91***
E58-CI	Curb Inlet	28,100	*0.646*	20,700	0.48	0.98	7,400	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	11,570	*0.266*	5,320	0.12	0.98	6,250	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***
E35-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	3,460	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*	16,900	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- Edirect		**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**

GRAPHIC SCALE
40 0 20 40 80
(IN FEET)
1 inch = 40 ft.

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DRAFT
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 C)

INITIAL DATE OCT. 15, 2019	JOB NO. 01895.0053
SCALE 1" = 40'	B/O
DRAWN C.Y. / F.M.	SHEET NO. C-10C
CHKD. L.A.D.	60 OF 103