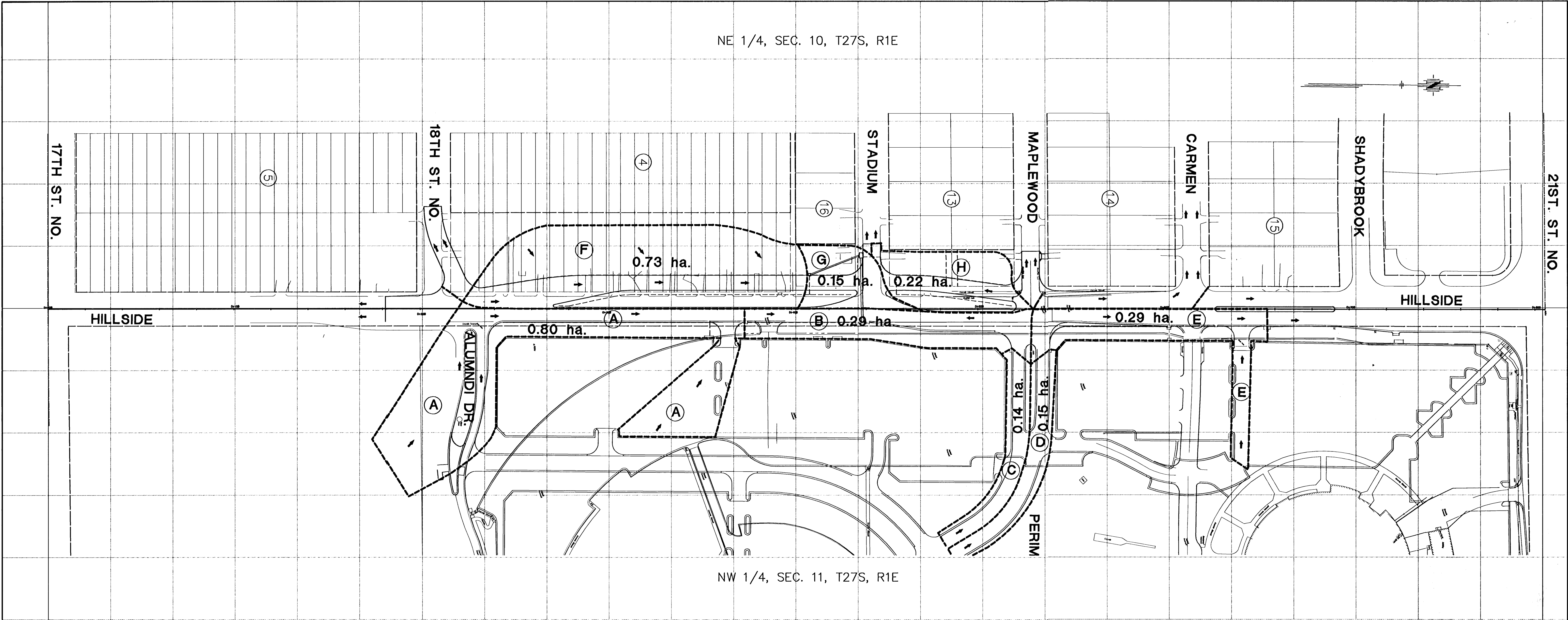




DRAINAGE ANALYSIS SUMMARY - HILLSIDE FROM 18TH ST. NORTH TO SHADYBROOK															Structure Location	Inlet (Q10)	Pipe (Q10)	
Area ID	Area ha	C10	C100	Elev Max	Elev Min	Flow Length	Tc10 Calc	Tc100 Calc	Tc10 min	Tc100 min	I10 cm/hr	I100 cm/hr	Q10 cms	Q100 cms		Inlet Size m	Pipe Size m2	Min Slope %
A	0.75	0.41	0.42	60.732	53.61	267	14.63	14.42	15	15	13.26	18.72	0.11	0.16				
B	1.51	0.50	0.51	54.329	53.15	96	9.88	9.72	15	15	13.26	18.72	0.28	0.40				
															Exist. Struc.		0.45	2.340
C	0.30	0.68	0.70	57.303	54.140	125	6.20	5.91	15	15	13.26	18.72	0.07	0.11				
D	3.05	0.63	0.65	57.303	54.140	125	6.94	6.65	15	15	13.26	18.72	0.70	1.02				
E	0.91	0.23	0.23	54.329	51.38	124	13.06	13.06	15	15	13.26	18.72	0.08	0.11				
F	18.24	0.30	0.31	58.34	52.711	174	12.84	12.68	15	15	13.26	18.72	2.00	2.92				
G	0.64	0.30	0.31	53.36	52.278	30	5.14	5.08	15	15	13.26	18.72	0.07	0.10	20+410.300	1.5	375 mm	0.500
H	0.15	0.68	0.70	54.329	52.135	100	5.82	5.54	15	15	13.26	18.72	0.04	0.05	4+972.700 (Stad.)	3.0		

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DRAINAGE MAP

STA. 0+000 TO STA. 0+800

PROJECT 472-83537 COUNTY SEDGWICK CO.

SHEET NO. 57 OF 73 SCALE 1:1000 OR mm=1 km

MAPPED BY DPG DATE 2-21-03 DETAILED BY _____

CHECKED BY _____ APPROVED BY _____ DATE _____