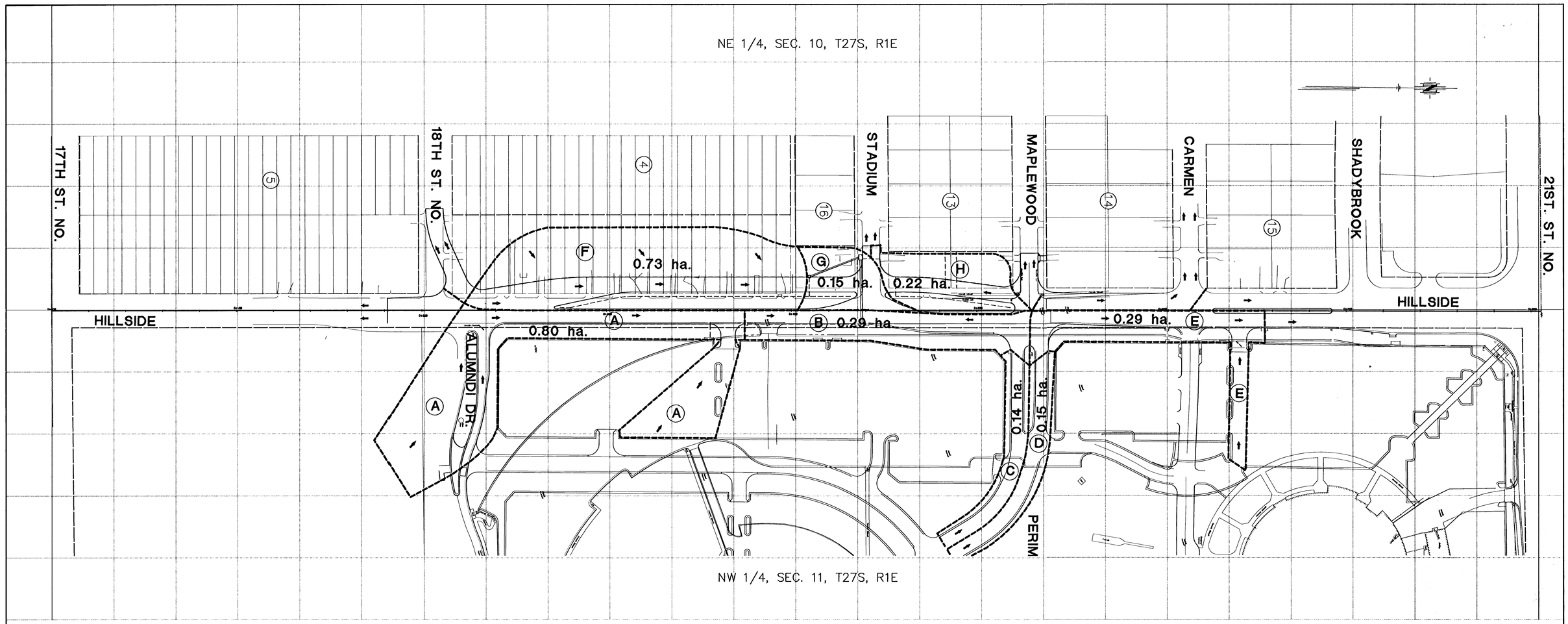


DRAINAGE ANALYSIS SUMMARY - HILLSIDE FROM 18TH ST. NORTH TO SHADYBROOK

Area ID	Area	C10	C100	Elev	Elev	Flow	Tc10	Tc100	Tc10	Tc100	I10	I100	Q10	Q100	Structure Location	Inlet (Q10)	Pipe (Q10)	
	ha			Max	Min	Length	Calc	Calc	min	min	cm/hr	cm/hr	cms	cms		Inlet Size	Pipe Size	Min Slope
																m	m2	%
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				
															20+410.300	1.5	375 mm	0.500
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				
															4+972.700 (Stad.)	3.0		
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				

H:\CIVIL\01053\SUR\01053DRG.DWG 05/01/03 08:41:01 AM CDT

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 ____