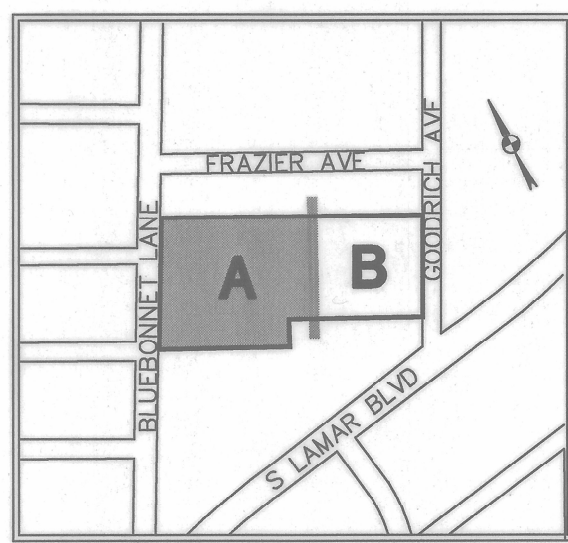


Grate Inlet Flow Calculation Table									
Inlet No.	Contributing Drainage Area (ac.)	Inlet Size	Q 25Yr (CFS)	Q 100 Yr (CFS)	h (FT)	Open Area (SF)	Q Max (CFS)	Capacity with 50% Clogging (CFS)	Pass?
A1	0.37	3'X3'	2.94	4.04	0.5	3.60	12.3	6.1	YES
A2	0.71	4'X4'	4.89	6.80	0.5	6.40	21.8	10.9	YES
A8	0.12	2'X2'	0.96	1.33	0.5	1.60	5.5	2.7	YES
A9	0.06	2'X2'	0.48	0.67	0.5	1.60	5.5	2.7	YES
A10	0.19	2'X2'	1.38	1.91	0.5	1.60	5.5	2.7	YES
B1	0.28	3'X3'	2.25	3.10	0.5	3.60	12.3	6.1	YES
B4	0.51	3'X3'	4.11	5.65	0.5	3.60	12.3	6.1	YES

V:\2220\active\222010805\civil\engineering\Design\2017-11-14 INLET CALCS.xls



KEY MAP

LEGEND

4.358 ACRES (189,816 SQ. FT.) (4.37 ACRES PER PLAT)

LOT 2

LOT 3

LOT 4

LOT 5

LOT 6

LOT 7

LOT 8

LOT 9

LOT 10

LOT 11

LOT 12

LOT 13

LOT 14

LOT 15

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Title
NLEET DRAINAGE AREA MAP A

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16 of 57

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