

STORMWATER RETENTION PIT DIMENSIONS

IMPERVIOUS AREA SQUARE FEET	CUBIC FEET OF		CUBIC FEET OF PIT
	STORAGE NEEDED	PIT DIMENSIONS	
1000	562	10'X10'X5' DEEP	500
1100	578	11'X11'X5' DEEP	605
1200	631	12'X12'X5' DEEP	720
1300	684	12'X13'X5' DEEP	780
1400	736	13'X13'X5' DEEP	845
1500	789	13'X13'X5' DEEP	845
1600	842	13'X14'X5' DEEP	910
1700	894	13'X14'X5' DEEP	910
1800	947	14'X14'X5' DEEP	980
1900	1000	14'X15'X5' DEEP	1050
2000	1052	15'X15'X5' DEEP	1125
2100	1105	15'X15'X5' DEEP	1125
2200	1157	15'X16'X5' DEEP	1200
2300	1210	15'X16'X5' DEEP	1200
2400	1263	16'X16'X5' DEEP	1280
2500	1315	16'X17'X5' DEEP	1360
2600	1368	16'X17'X5' DEEP	1360
2700	1421	17'X17'X5 DEEP	1445
2800	1473	17'X18'X5' DEEP	1530
2900	1526	17'X18'X5' DEEP	1530
3000	1578	18'X18'X5' DEEP	1620
3100	1631	18'X18'X5' DEEP	1620
3200	1684	18'X19'X5' DEEP	1710
3300	1736	19'X19'X5' DEEP	1805
3400	1789	19'X19'X5' DEEP	1805
3500	1842	19'X20'X5' DEEP	1900
3600	1894	19'X20'X5' DEEP	1900
3700	1947	20'X20'X5' DEEP	2000
3800	2000	20'X20'X5' DEEP	2000
3900	2052	20'X21'X5' DEEP	2100
4000	2105	20'X22'X5' DEEP	2200
4100	2157	20'X22'X5' DEEP	2200
4200	2210	21'X21'X5' DEEP	2205
4300	2300	20'X23'X5' DEEP	2300
4400	2315	21'X22'X5' DEEP	2310
4500	2368	20'X24'X5' DEEP	2400
4600	2421	20'X25'X5' DEEP	2500
4700	2473	20'X25'X5' DEEP	2500
4800	2526	20'X26'X5' DEEP	2600
*CUBIC FEET OF STORAGE IS FIGURED AT SQ FT/ 1.9		*STONE AREA = 63% IMPERVIOUS	