



NWL = 763  
 HWL = 767  
 DETAINED VOLUME = 0.6 AC-FT  
 MINIMUM BERM EL = N/A

**CONTROL POINTS**

POINT NO.	NORTHING	EASTING	ELEVATION
A1	1,905,839.13	1,019,563.35	763
A2	1,905,847.21	1,019,576.76	763
A3	1,905,849.08	1,019,686.68	763
A4	1,905,852.78	1,019,690.59	763
A5	1,905,923.11	1,019,691.49	763
A6	1,905,935.82	1,019,696.10	763
A7	1,905,948.55	1,019,700.70	763
A8	1,906,022.42	1,019,701.59	763
A9	1,906,026.29	1,019,697.53	763
A10	1,906,024.06	1,019,562.48	763
A11	1,906,024.77	1,019,555.52	763
A12	1,906,023.08	1,019,503.24	763
A13	1,906,028.63	1,019,493.53	763
A14	1,906,016.83	1,019,516.83	763
A15	1,906,021.51	1,019,541.10	763
A16	1,906,021.67	1,019,552.77	763
A17	1,906,016.37	1,019,578.36	763
A18	1,906,012.48	1,019,591.33	763
A19	1,906,011.07	1,019,603.99	763
A20	1,906,012.76	1,019,619.15	763
A21	1,905,994.71	1,019,645.20	763
A22	1,905,984.51	1,019,646.08	763
A23	1,905,969.07	1,019,650.85	763
A24	1,905,948.28	1,019,664.91	763
A25	1,905,933.24	1,019,657.57	763
A26	1,905,933.90	1,019,624.42	763
A27	1,905,529.13	1,019,603.15	763
A28	1,905,836.64	1,019,527.51	763
A29	1,905,835.65	1,019,518.14	763

POINT NO.	RADIUS (FT)
A1-A2	16
A3-A4	4
A5-A6	21.5
A6-A7	21.5
A8-A9	4
A10-A11	52.5
A15-A16	161.5
A17-A20	36.5
A20-A21	33
A22-A23	31.5
A24-A25	9.5
A26-A27	43

**DETENTION BASIN**

Total Cut =	898 Cubic Yards
Total Fill =	0 Cubic Yards
Area =	2268 Sq Yards
Balance =	898 Cubic Yards

  

Elevation Range Used	Cut (Cu. Yd)	Fill (Cu. Yd.)
763.000 to 764.000	Cut = 552	Fill = 0
764.000 to 765.000	Cut = 248	Fill = 0
765.000 to 766.000	Cut = 98	Fill = 0

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION  
**ARBOR AVENUE LOTS  
 HAWTHORNE LANE  
 GRADING PLAN**  
 SCALE: 20'  
 DATE: 12/7/2006  
 DRAWN BY: PMM  
 DESIGN BY: BLL  
 CHECKED BY: JCS

NOTE:  
 FOR ADDITIONAL INFORMATION SEE EROSION  
 CONTROL & LANDSCAPING PLAN, SHEET 71

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