APPENDIX A-1

WALTHER SIDEWALK
SOIL PROFILES

SOIL PROFILE
Auger Boring 1

Date: January 13, 2005
Soil Description By: M.G. Sams, CPSS

County: New Castle, Delaware
Project Location: Walther Sidewalk

Horizon/Depth	SOIL COLOR		Texture	Structure	Consistence	Boundary	Comments
	Matrix	Mottling					
C / 0-23.0 cm (0-9.1 in)	10YR 5/3 Brown		loam	massive	very compacted and firm	abrupt	graded fill for lawn growth
2BC / 23.0-35.0 cm+ (9.1-13.8 in+)	10YR 5/4 Yellowish brown	few: 10YR 5/6 Yellowish brown	sandy loam	massive	compacted, firm		truncated lower subsoil

Additional Notes: Upland position, profile of Coastal Plain sediments was truncated and covered with fill for lawn enhancement.

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SOIL PROFILE
Auger Boring 2

Date: January 13, 2005
Soil Description By: M.G. Sams, CPSS

County: New Castle, Delaware
Project Location: Walther Sidewalk

Horizon/Depth	SOIL COLOR		Texture	Structure	Consistence	Boundary	Comments
	Matrix	Mottling					
C / 0-32.0 cm (0-12.6 in)	10YR 5/3 Brown		loam	massive	very compacted and firm	abrupt	graded fill for lawn growth
2BC / 32.0-40.0 cm+ (12.6-15.8 in+)	10YR 5/4 Yellowish brown	common: 10YR 5/6 Yellowish brown	sandy loam, with 10% fine gravels	massive	compacted, firm		truncated lower subsoil

Additional Notes: Upland position, profile of Coastal Plain sediments was truncated and covered with fill for lawn enhancement.

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SOIL PROFILE
STP N100 E100

Date: April 14, 2005
Soil Description By: M.G. Sams, CPSS

County: New Castle, Delaware
Project Location: Walther Sidewalk

Horizon/Depth	SOIL COLOR		Texture	Structure	Consistence	Boundary	Comments
	Matrix	Mottling					
Ap / 0-16.0 cm (0-6.3 in)	10YR 3/2 Very dark grayish brown		gravelly loam, with 20% gravels	very weak medium granular	friable	clear, smooth	
Bt / 16.0-30.0 cm+ (6.3-11.8 in+)	10YR 5/4 Yellowish brown		very gravelly clay loam, with 60% gravels	weak medium subangular blocky	friable		

Additional Notes: Upland position, well developed profile forming in sandy Coastal Plain sediments.

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