MARY DELL POND IMPROVEMENTS - PRELIMARY LANDSCAPE COST ESTIMATE

	BOTANICAL NAME	COMMON NAME	SF/AREA	TOTAL QTY.	SEED	2" PLUG	#2 CONT.	2.5-3" cal.	EST. COST
ZONE 1	**12,000**	**SF TOTAL AREA**							
	AQUATIC PLANTS 12" - 36" WATER DEPTH		12,000						
	Nymphaea odorata	Water lily	3,000	330		330			
	Lemna minor	Duckweed	3,000	330		330			
	Potamogeton pectinatus	Sago Pondweed	3,000	330		330			
	Potamogeton perfoliatus	Redhead Grass	3,000	330		330			
				1,320		1,320			$1,980
ZONE 2	**6,000**	**SF TOTAL AREA**							
	AQUATIC PLANTS 6"- 12" WATER DEPTH		6,000						
	Alisma plantago-aquatica	Water plantain	600	150		150			
	Dulchium arundinaceum	Three-sided sedge	600	150		150			
	Glyceria canadensis	Rattlesnake Grass	600	150		150			
	Glyceria striata	Fowl Mannagrass	600	150		150			
	Juncus effusus	Soft Rush	600	150		150			
	Peltandra virginica	Arrow arum	600	150		150			
	Polygonum spp	Smartweeds	600	150		150			
	Pontederia cordata	Pickerelweed	600	150		150			
	Scirpus spp	Bulrushes	600	150		150			
	Sparganium eurycarpum	Giant bur-reed	600	150		150			
				1,500		1,500			$2,250
ZONE 3	**20,000**	**SF TOTAL AREA**							
	Regulary Inundated								
	SEED MIX								
	Floodplain Mix (ERNMX-154)		20,000		9				
	cover crop of grain rye		20,000		14				
									$1,160
	SHRUBS		8,000						
	Clethra alnifolia	Sweet pepperbush	800	32			32		
	Cornus stolonifera	Red osier Dogwood	1200	48			48		
	Cornus amomum	Silky Dogwood	800	32			32		
	Cornus racemosa	Grey dogwood	400	16			16		
	Lindera Benzoin	Spicebush	800	32			32		
	Ilex glabra	Inkberry holly	400	16			16		
	Ilex verticillata	Winterberry	1200	48			48		
	Vaccinium corymbosum	Highbush blueberry	1200	48			48		
	Viburnum dentatum	Arrowwood	1200	48			48		
				320			320		$4,800
	SHADE TREES								
	Betula nigra	River Birch						4	
	Liquidambar styraciflua	Sweetgum						8	
	Platanus occidentalis	American sycamore						6	
	Salix nigra	Black Willow						5	
	Quercus bicolor	Swamp White Oak						10	
								33	$5,610
	UNDERSTORY TREES								
	Amelanchier canadensis	Serviceberry						12	
	Magnolia virginiana	Sweetbay Magnolia						8	
								20	$2,500
ZONE 4									
	MEADOW (SEED MIX)								
	Low Growing Wildflower & Grass Mix (ERNMX-156)		270,000		248				$2,975
	FOREBAY (SEED MIX)								
	Native Detention Area Mix (ERNMX-183)		3,800		2				$105
	MOWN PATH		31,000		107				$1,000
	Commercial Conservation Mix (ERNMX-113)								
	SPRAY EXISITNG VEGEATION		**300,000**						$3,444
	OTHER LANDSCAPE IMPROVEMENTS								
	BOULDERS								
	12'-36" River Jack Boulders		2,500	65					$13,000
	RELOCATE TREES								
	Existing Trees							4	$600
	STREET TREES								
	Quercus imbricaria	Shingle Oak						5	$850
								ESTIMATED TOTAL	**$40,274**

***Estimate is for material only and doesn't include installation costs**

Pennoni

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ALL DIMENSIONS MUST BE VERIFIED BY CONTRACTOR AND OWNER MUST BE NOTIFIED OF ANY DISCREPANCIES BEFORE PROCEEDING WITH WORK

MARY DELL POND RESTORATION PROJECT

BARKER DRIVE
WEST CHESTER, PENNSYLVANIA

CONCEPT LANDSCAPE PLAN

EAST GOSHEN TOWNSHIP
1580 PAOLI PIKE
WEST CHESTER, PA 19380

NO.	DATE	REVISIONS	BY
			DSD
			DSD

PROJECT	EGOST00015
DATE	2018-05-01
DRAWING SCALE	1"=50'
DRAWN BY	DSD
APPROVED BY	NMC

CM2001

PROJECT STATUS: —
PLOTSTYLE: Pennoni NCS.stb
PLOTTED: 10/24/2018 7:26:09 AM,BY: Janet T.Tobin
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