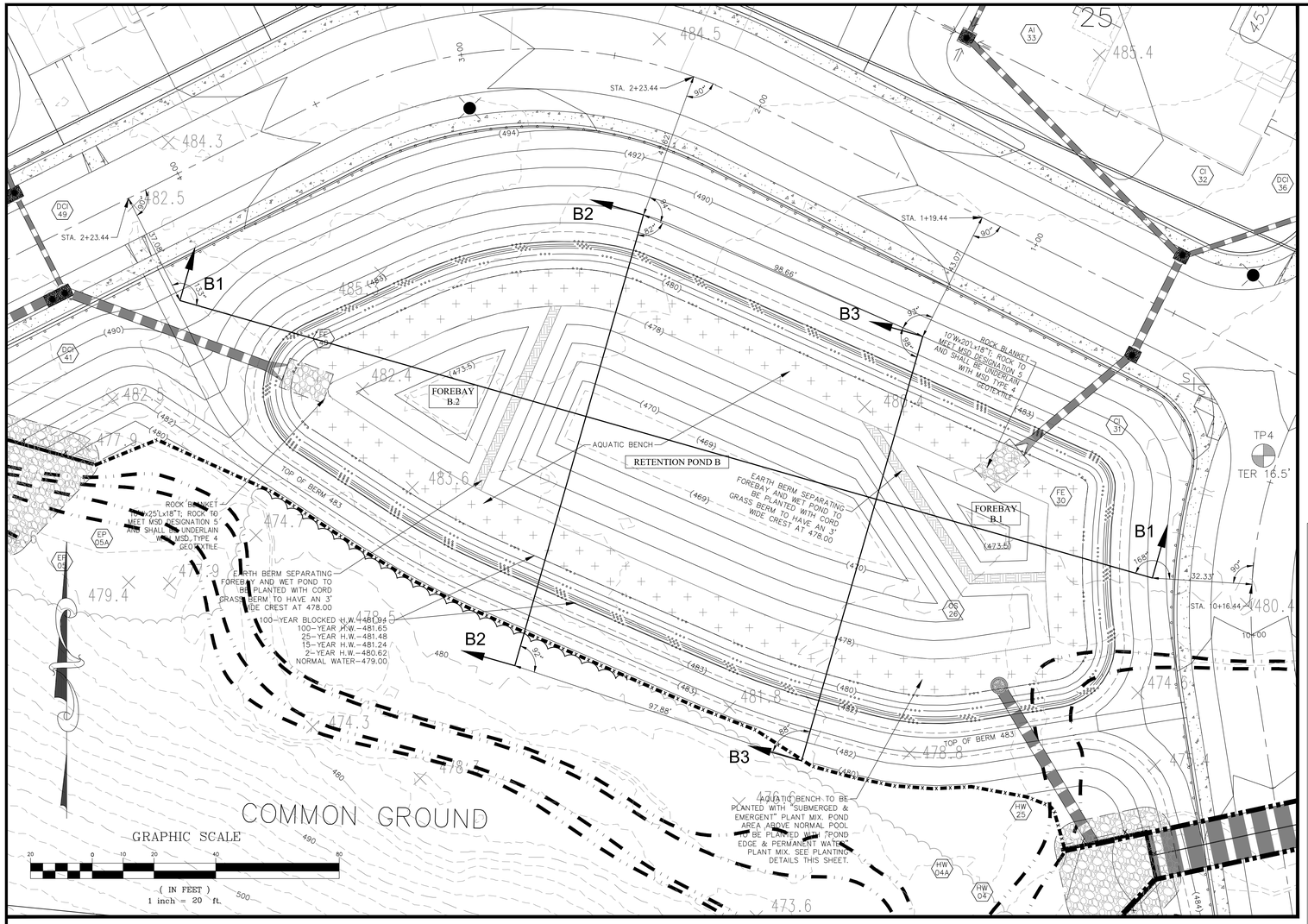
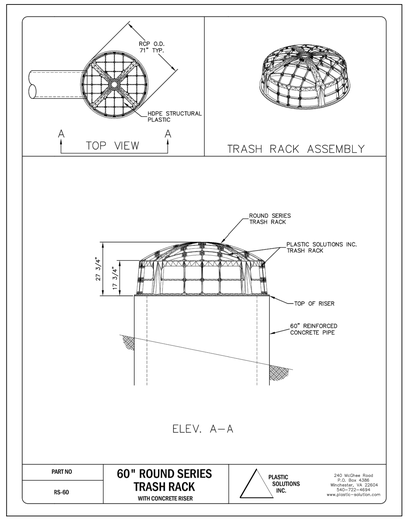




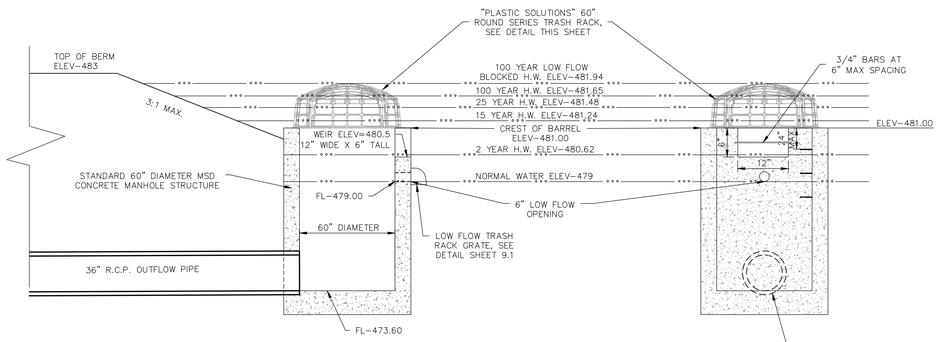
ISSUE	REMARKS/DATE
1	2020-12-31 INITIAL SUBMITTAL
2	2021-02-23 CITY COMMENTS
3	2021-04-13 CITY COMMENTS
4	2021-05-26 CITY COMMENTS
5	2021-06-15 FOR APPROVAL

Latin Name	Common Name	Submerged & Emergent (enter depth in feet)	Pond Edge & Permanent Water	Dry Pond	Wet Pond	Wet Meadow	Upland Buffer	Height (feet)	Spacing (feet)	Seasonal Interest - Color and Months	J	F	M	A	M	J	J	A	S	O	N	D	Sun	Part Sun	Shade	Dry	Medium	Wet	Rhizome	Bunch/Clump	Fall Color	Flower Color	Flower Inconspicuous	Food Source Songbirds	Food Source Waterfowl	Food Source Pollinators	Food Source Mammals	Nest Material	Wildlife Interest
Grasses/Sedges																																								
Carex annectans	Yellow fruited sedge		x		x			2-3	1.5	tan			x	x	x									x	x	x		x	x	x			x	H	12	3		L	
Carex grayi	Bur sedge		x		x			1-2	1.5	tan			x	x	x										x	x	x		x	x	x				M	12	2		L	M
Carex cinnita	Fringed sedge		x		x			2-3	1.5	brown				x	x									x	x	x			x	x	x				H	12	3	U	L	
Carex muskingumensis	Palm sedge		x	x	x			2-3	1.5	tan			x	x	x	x	x							x	x	x		x	x	x	x			x	H	24	3		M	M
Carex vulpinoidea	Fox sedge		x		x			2-3	1.5	tan				x	x	x								x	x	x			x	x				x	H	24	3	L	L	
Juncus effusus	Soft rush	0-1	x					2-3	1.5	green						x	x	x	x	x				x	x				x	x	x			x	H	24	4	L	M	M
Scirpus atrovirens	Great green bullrush		x		x			2-3	1.5	green			x	x	x									x	x				x	x	x			x	M	12	3		L	
Scirpus cyperinus*	Wool grass		x					3-4	1.5	orange			x	x	x	x	x	x	x	x				x	x				x	x		x	x	H	24	3		M	
Forbs																																								
Asclepias incarnata	Marsh milkweed		x	x	x			2-4	2	pink					x	x	x	x						x	x				x	x		x		M	18	3	M	M	
Chelone obliqua	Rose turtlehead		x		x			3-4	2	rose/purple						x	x	x						x	x	x		x	x					M	12	1		M	
Equisetum hyemale	Horsetail		x	x	x			2-4	2.5	green			x	x					x	x				x	x	x			x	x			x	H	36	5		H	H
Helenium autumnale	Sneezeweed		x		x			3-4	2	yellow						x	x	x	x					x	x	x			x	x	x			M	18	3	M	M	
Hibiscus lasiocarpos	Rose mallow		x	x	x			3-7	2.5	white/pink						x	x	x	x					x	x	x			x	x	x			M	36	5		M	M
Iris fulva	Copper iris		x	x	x			2-3	1.5	copper				x	x									x	x				x	x				M	12	1		M	
Iris virginica	Southern blueflag iris		x		x			2-3	2	blue						x	x							x	x				x	x			x	H	36	4		M	M
Lobelia cardinalis	Cardinal flower		x	x	x			2-3	1.5	red						x	x	x						x	x	x	x		x	x	x			H	18	5	L	M	U
Mimulus ringens*	Allegehny monkey flower		x	x	x			1-2	1.5	lavender						x	x	x						x	x				x	x				M	24	1		M	
Nymphaea odorata	Fragrant water lily	1-5						1	10	white						x	x	x						x					x					H	36			H	
Pontederia cordata	Pickeral weed	0-1	x					1-2	2.5	blue					x	x	x	x	x					x	x	x			x					M	12	4	L	L	U
Sagittaria latifolia	Arrowleaf	0-1	x					1-4	2.5	white						x	x	x						x					x	x				M	18	3	M	M	L
Saururus cernuus	Lizard tail	0-1	x					1-2	2.5	white					x	x	x	x						x	x	x			x					H	24			H	
Thalia dealbata	Wild canna	0-2	x					4-7	5	purple						x	x	x						x					x					H	24			M	H
Trees/Shrubs																																								
Aesculus pavia	Red buckeye		x		x			10-20	15	red			x	x										x	x	x			x	x	x			H	18	2		L	M
Cephalanthus occidentalis	Buttonbush	x	x		x			5-10	7.5	white					x	x	x							x	x	x			x	x		x		H	36	7		M	H
Quercus macrocarpa	Bur oak		x		x		x	40-60	35	green									x	x				x	x	x			x	x			x	H	36	5	H	L	H
Taxodium disticum	Bald cypress	x	x	x	x			40-60	20	orange									x	x				x	x	x			x	x			x	H	36	7		L	H

Requirements:
Local Ecotype Rule: Plants of Missouri or Southern Illinois ecotype are required.
It is recommended that a minimum of 5 grass/sedge species and 8 forb species be provided for each BMP. It is recommended that this list be provided to landscape contractors/buyers in case substitutions are required.
Where a diverse landscape is desired, each species should consist of between 5% - 15% of the total plant count for each BMP.
Refer to Planting, Water, and Mulch Requirements for Stormwater BMP's for plant sizes and irrigation requirements
Biodegradable erosion blanket must be used on slopes greater than 10%.
Erosion blankets must be coarse to allow varying leaf sizes (examples include Geojute, Curlex #1 and North-American Green S75 single net straw blanket, or equivalent)

*Experimental for practice and/or limited availability in commercial trade

Section 7: Plant List | MSD Landscape Guide | Wet Ponds



OUTFALL STRUCTURE 26
SIDE AND FRONT SECTION
N.T.S.

PROJECT TITLE

BROOKSIDE ADDITION

O'FALLON, MISSOURI

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ENGINEERS & SURVEYORS
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STATE OF MISSOURI MICHAEL G. BOERDING NUMBER E-28643 PROFESSIONAL ENGINEER

Date: 06-15-2021
Michael G.Boerding. PE
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Professional Engineer

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BASIN DETAILS

P+Z No.	20-001538
City No.	20-009251
Date:	June 15, 2021
Job No.	19-10-344

Page No.

9.2

IMP

"PRELIMINARY PLAT" Approval Date: September 3, 2020

Drawing name: V:\1910344 Feldewert Lombardo\Drawings\Engineering\Improvements\0344IMP.dwg Plotted on: Jun 15, 2021 - 7:54am Plotted by: jluetkenhaus