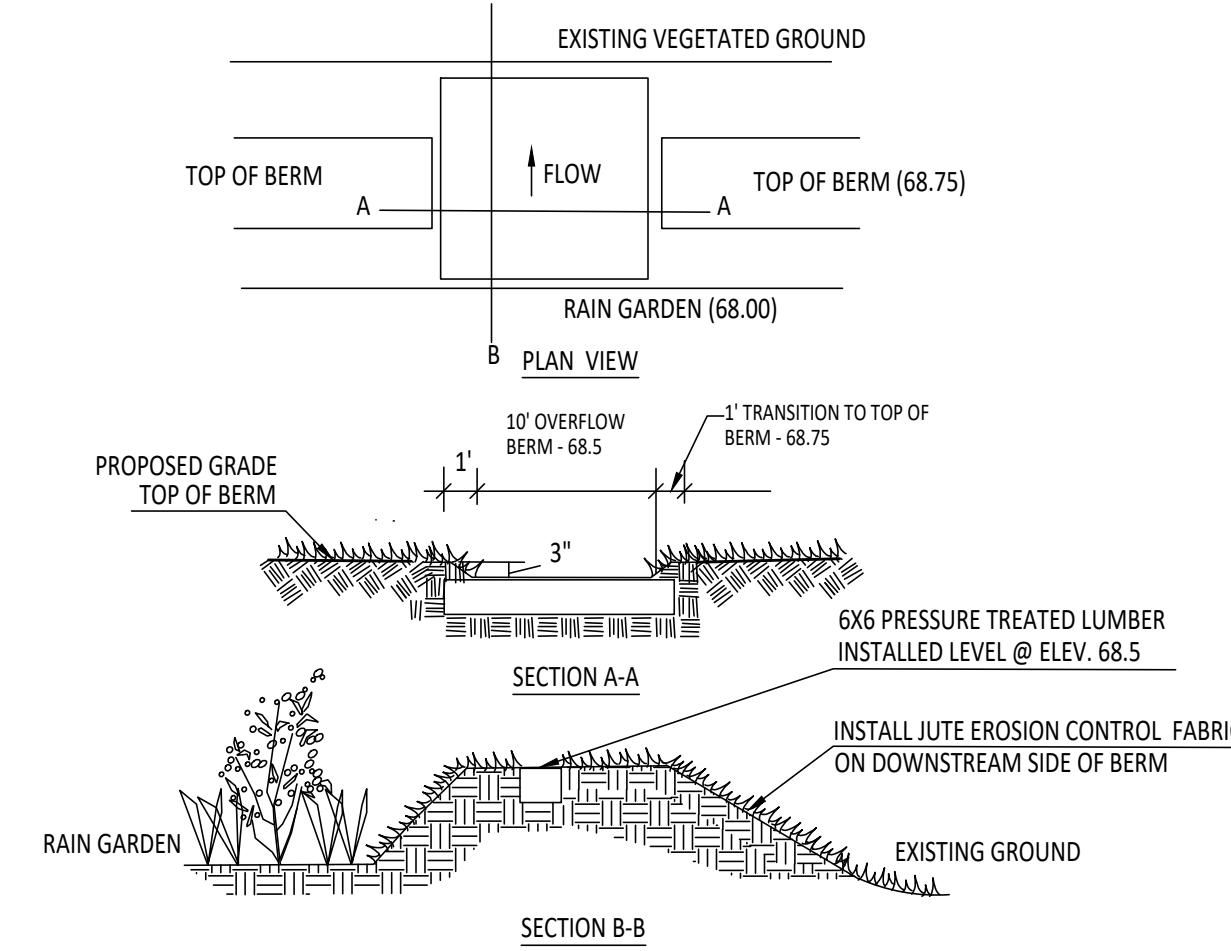
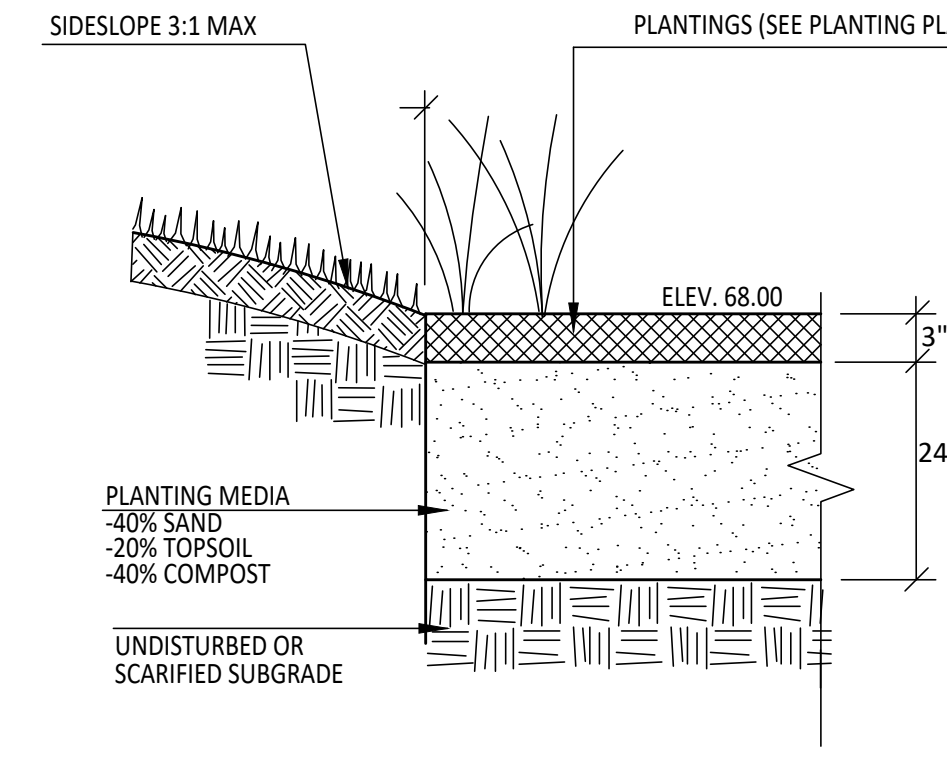


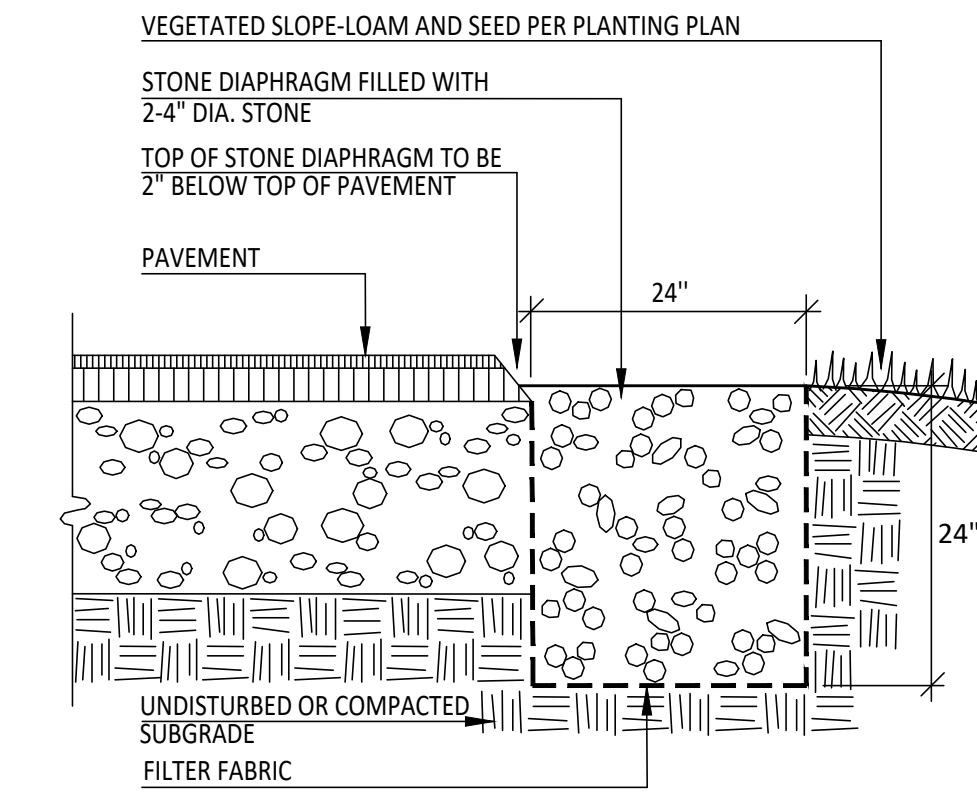
1 Straw Wattle
 L1 Not to Scale



2 Level Spreader
 L1 Not to Scale



3 Rain Garden Section
 L1 Not to Scale



4 Stone Diaphragm
 L1 Not to Scale

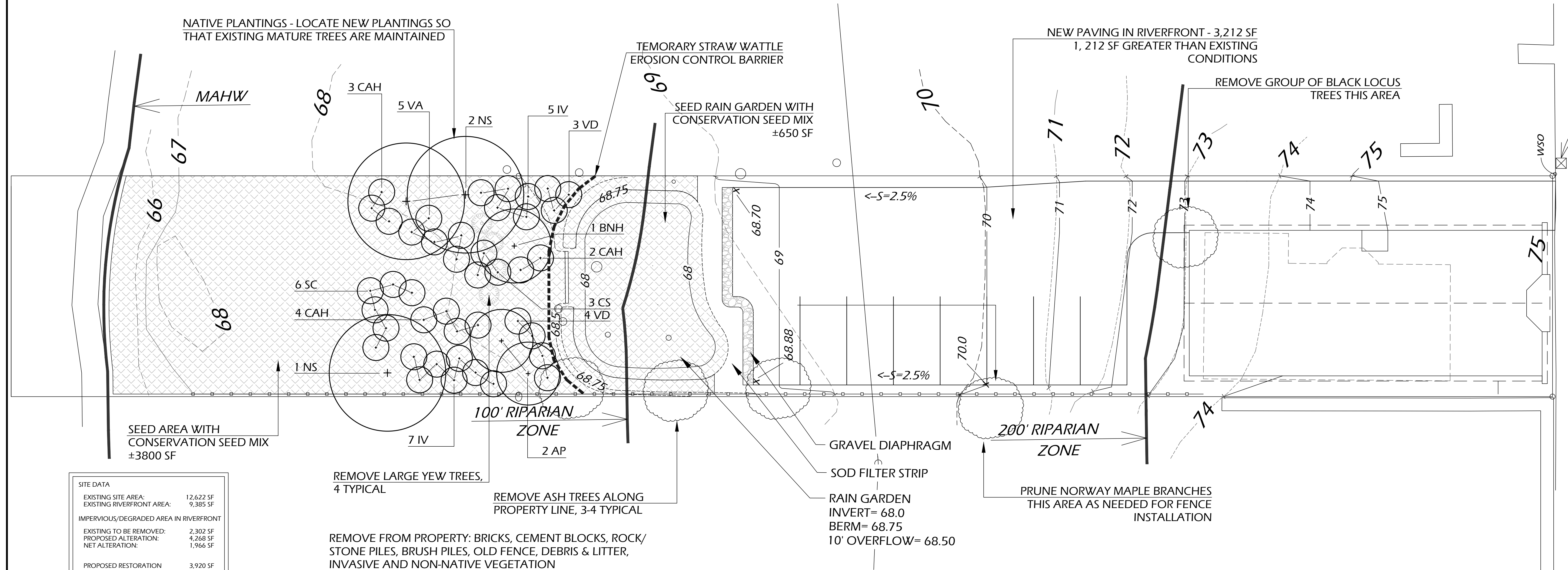
Plant List

KEY	QTY	LATIN	COMMON	SIZE	NOTES
AP	2	<i>Acer pensylvanicum</i>	Striped Maple	5'-6" ht.	
BNH	1	<i>Betula nigra</i> 'Heritage'	Heritage River Birch	7'-8" ht.	multi-stem
CAH	9	<i>Clethra alnifolia</i> 'Hummingbird'	Summersweet	24"-36"	pink
CS	3	<i>Cornus sericea</i>	Red-twig Dogwood	24"-36"	
IV	12	<i>Ilex verticillata</i>	Winterberry Holly	24"-36"	
NS	3	<i>Nyssa sylvatica</i>	Black Gum	1.5"-2" cal.	
SC	6	<i>Sambucus canadensis</i>	Black Elderberry	24"-36"	
VA	5	<i>Viburnum acerifolium</i>	Mapleleaf Viburnum	24"-36"	
VD	7	<i>Viburnum dentatum</i>	Arrowwood Viburnum	24"-36"	

Conservation Seed Mix

NEW ENGLAND CONSERVATION/WILDLIFE SEED MIX	
SPECIES	PERCENT (Raw Seed)
Big Bluestem (<i>Andropogon gerardii</i>)	20
Little Bluestem (<i>Schizachyrium scoparium</i>)	20
Switchgrass (<i>Panicum virgatum</i>)	20
Fox Sedge (<i>Carex vulpinoidea</i>)	10
Silky Wild Rye (<i>Elymus villosus</i>)	8
Common Milkweed (<i>Asclepias syriaca</i>)	5
Deertongue (<i>Panicum clandestinum</i>)	5
Pennsylvania Smartweed (<i>Polygonum pensylvanicum</i>)	5
Partridge Pea (<i>Chamaecrista fasciculata</i>)	4
Silky Smooth Aster (<i>Aster laevis</i>)	1.5
Nodding Bur Marigold (<i>Bidens cernua</i>)	1
Flat-top Aster (<i>Aster umbellatus</i>)	0.5
TOTAL	100

NATIVE PLANTINGS - LOCATE NEW PLANTINGS SO THAT EXISTING MATURE TREES ARE MAINTAINED



SITE DATA

EXISTING SITE AREA:	12,622 SF
EXISTING RIVERFRONT AREA:	9,385 SF
IMPERVIOUS/DEGRADED AREA IN RIVERFRONT	
EXISTING TO BE REMOVED:	2,302 SF
PROPOSED ALTERATION:	4,268 SF
NET ALTERATION:	1,966 SF
PROPOSED RESTORATION	3,920 SF
(INCLUDES NATIVE PLANTING, CLEANUP, CONSERVATION MIX SEEDING; DOES NOT INCLUDE RAIN GARDEN AREA)	

REMOVE LARGE YEWE TREES, 4 TYPICAL

REMOVE FROM PROPERTY: BRICKS, CEMENT BLOCKS, ROCK/STONE PILES, BRUSH PILES, OLD FENCE, DEBRIS & LITTER, INVASIVE AND NON-NATIVE VEGETATION

GRAVEL DIAPHRAGM

SOD FILTER STRIP

RAIN GARDEN
 INVERT= 68.0
 BERM= 68.75
 10' OVERFLOW= 68.50

PRUNE NORWAY MAPLE BRANCHES THIS AREA AS NEEDED FOR FENCE INSTALLATION

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Do not scale drawing for quantity take-offs or construction. Use written dimensions only. If dimensions are incomplete, contact The Berkshire Design Group Inc. for clarification.

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Restoration and Drainage Plan

Revisions
 DEP Comments 08-26-219

Date: July 24, 2019
 Scale: 1"=10'
 Drawn By: Staff
 Checked By: MYL

L1