



October 29, 2021

South Hadley Conservation Commission
Town of South Hadley
116 Main Street
South Hadley, MA 01075

Re: 508 River Road

Dear Commission Members:

On behalf of Anabela Cruz, The Berkshire Design Group respectfully submits this letter and enclosed plan pertaining to unpermitted work conducted on the above property and for which an Enforcement Order was issued on 5/14/2021.

We understand the South Hadley Conservation Commission issued an Enforcement Order on May 14, 2021 to Anabela Cruz and Walter Rose located at 508 River Road for unpermitted work conducted within the 200' Riverfront Area associated with the Connecticut River. We understand the work consisted of driveway improvements, construction of new retaining walls, repair of existing retaining walls, installation of new site stairs and shed, and new landscape plantings. Our office was contact to assess the unpermitted work and develop a restoration/mitigation plan to bring the project into conformance under the Wetlands Protection Act (M.G.L. c. 131, § 40).

As shown on the attached plan, this 22,500 SF parcel is located entirely within the 200' Riverfront Area given its location immediately adjacent to the Connecticut River. The parcel was created prior to 1996 and thus the work subject to the regulations under 310 CMR 10.58(5) as redevelopment. The existing property, prior to any improvements, included a total of 4,812 SF of "degraded area" as defined in the regulations. These consist of areas devoid of vegetation, structures, or other impervious surfaces. The allowable area of disturbance, not requiring mitigation/restoration under 310 CMR 10.58(5)(e), is equal to 2,250 SF, or 10% of the overall Riverfront Area on the site.

The project is proposing a total of 3,686 SF of disturbance, of which 1,436 SF is not in conformance (3,686 SF minus 2,250 SF) with the regulations. As shown on the attached plan, the project is seeking to include restoration areas on the property to bring the project into compliance. Two separate areas totaling 2,355 SF of restoration are being proposed which includes several native woody plantings as well as herbaceous ground cover consisting of semi-shade grasses and forbes. Restoration areas are limited onsite due to shallow ledge and steep grades. The areas restoration areas proposed are in areas which currently lack substantial understory or groundcover vegetation. A mature tree canopy covers the majority of the property not occupied by buildings and will be retained throughout the project.



We trust the information provided in this letter combined with the attached plan documents the site improvements and restoration necessary to satisfy the standards and requirements of the Enforcement Order and the Wetlands Protection Act.

We look forward to presenting this information to you at your next available hearing and please don't hesitate to contact me know if you have additional questions or requests.

Sincerely,
The Berkshire Design Group, Inc.

A handwritten signature in blue ink, appearing to read "Jeffrey Squire", with a long horizontal line extending to the right.

Jeffrey Squire, RLA, ASLA
Principal



LOCUS not to scale

EXISTING SITE INFORMATION

PARCEL SIZE	22,500 SF
PARCEL CREATED	pre-1964
TOTAL RIVERFRONT AREA	18,704 SF (Inner 100')
	3,796 SF (Outer 100')
TOTAL DEGRADED AREA	3,794 SF (Inner 100')
per 310 CMR 10.58(5)	1,018 SF (Outer 100')
	4,812 SF (Total)

PROPOSED SITE INFORMATION

PARCEL SIZE	22,500 SF
PARCEL CREATED	pre-1964
TOTAL RIVERFRONT AREA DISTURBANCE	1,702 SF (Inner 100')
	1,984 SF (Outer 100')
	3,686 SF
TOTAL DISTURBANCE ALLOWED	2,250 SF (10% total Riverfront Area)
per 310 CMR 10.58(5)(e)	
AREA NOT IN CONFORMANCE	1,436 SF
RESTORATION AREA REQUIRED:	1,436 SF
RESTORATION AREA PROPOSED:	2,355 SF

PLANT LIST				
Symbol	Qty	Latin Name	Common Name	Size
AD	6	Cornus alternifolia	Alternate-leaved Dogwood	4'-5' hgt
AH	9	Corylus americana	American Hazelnut	3'-4' hgt
NB	17	Diervilla lonicera	Northern Bush Honeysuckle	1'-2' hgt
SP	15	Clethra alnifolia	Sweet Pepperbush	2'-3' hgt

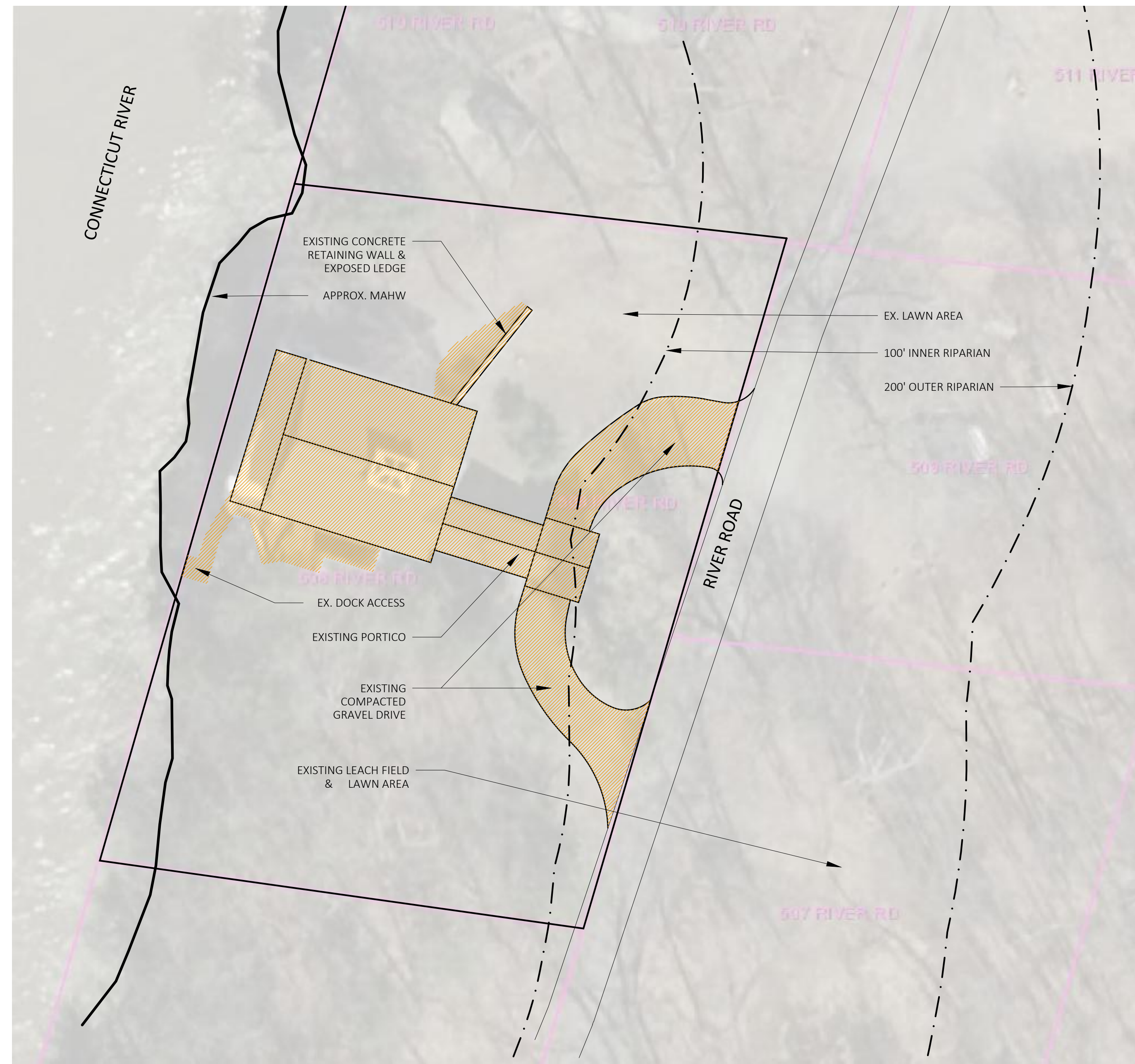
New England Semi-Shade Grass and Forbs Mix

APPLICATION RATE: 30 lbs/acre | 1450 sq ft/lb

SPECIES: Virginia Wildrye (*Elymus virginicus*), Canada Wild Rye (*Elymus canadensis*), Partridge Pea, (*Chamaecrista fasciculata*), Red Fescue, (*Festuca rubra*), Spiked Gayfeather/Marsh Blazing Star (*Liatris spicata*), Sensitive Fern (*Onoclea sensibilis*), Zigzag Aster (*Aster prenanthoides/Symphotrichum prenanthoide*), Hollow-Stem Joe Pye Weed (*Eupatorium fistulosum/Eutrochium fistulosum*), White Asters, (*Geum canadense*), Eastern Columbine (*Aquilegia canadensis*), Path Rush (*Juncus tenuis*)

Existing Site

(current degraded area)



Proposed Site Improvements

(area of disturbance)



Berkshire Design Group
 Landscape Architecture
 Civil Engineering
 Planning
 Land Surveying

4 Allen Place, Northampton, Massachusetts 01060
 (413) 582-7000 • FAX (413) 582-7005
 Email: bdg@berkshiredesign.com
 Web: http://www.berkshiredesign.com

This drawing is not intended nor shall it be used for construction purposes unless the signed professional seal of a registered landscape architect, civil engineer or land surveyor employed by The Berkshire Design Group, Inc. is affixed above. 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.

© Copyright The Berkshire Design Group, Inc. This drawing and all of its contents are the express property of The Berkshire Design Group, Inc., and shall not be copied or used in any way without the written consent of The Berkshire Design Group, Inc.

508 River Road
 South Hadley, MA

Notice of Intent

SITE PLAN

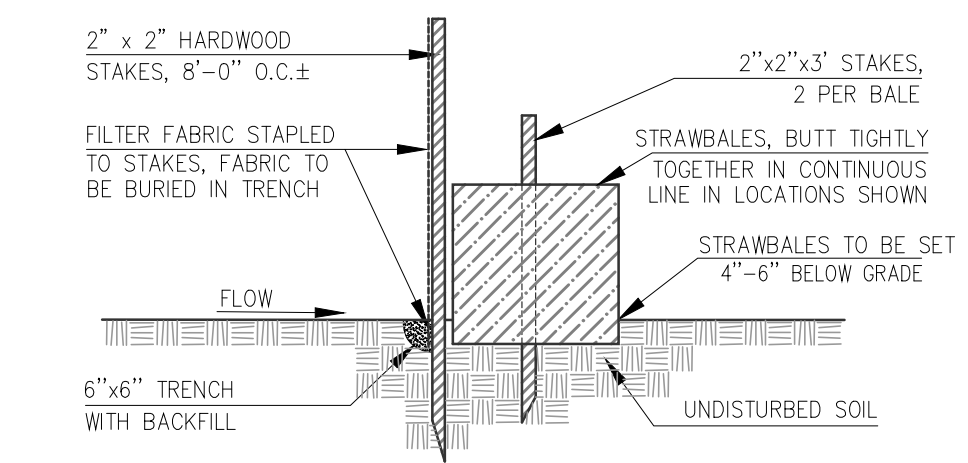
SCALE 1"=20'-0" (if printed full size @ 24" x 36")

EXISTING CONDITIONS NOTES

- Existing conditions taken from compilation of Town GIS, OLIVER, record plans, & aerial imagery. No field survey was performed.
- Property lines shown are approximate.
- The locations of existing underground utilities are shown in an approximate way only based on available data and all utilities may not be shown. Prior to construction, contractor shall call the "Dig Safe Center" at 1-800-322-4844 and have all utilities marked on the ground. The contractor shall be responsible for determining the exact location of all existing utilities before commencing work. The contractor agrees to be fully responsible for any and all damages which might be occasioned by his/her failure to exactly locate and preserve any and all utilities.

DEMOLITION & EROSION CONTROL NOTES

- Erosion control measures shall be incorporated in the sequence of construction to prevent sediment-laden runoff from leaving the site, and shall, where applicable, consist of at least the following procedures:
 - A siltation fence along downslope site boundaries prior to commencing any other work. Fence material shall be Mirafi 140N, Trevira 1127, or approved equal.
 - Temporary barrier of strawbales around catch basins and drain inlets to prevent sediment-laden runoff from entering drainage system.
 - New or regraded slopes of 3:1 or greater shall receive spread straw and/or seed and fertilizer as per plans. New or regraded slopes of 2:1 or greater shall be blanketed with Curlex erosion control matting, or approved equal; provide temporary slope erosion control where required.
 - Fill and grading shall be treated with slope stabilization seeding or ground cover and straw mulch upon completion.
- All strawbale and silt fence erosion and sedimentation checks shall be placed prior to beginning work as per the plan and as per the appropriate detail specification.
- Wherever strawbale or silt fence filters are used, they shall be maintained in good working condition until ground cover is reestablished. Silt fence shall be periodically cleaned as necessary to assure proper and effective functioning. Strawbales shall also be replaced as necessary, to provide adequate function.
- Natural vegetation shall be retained wherever feasible up to the scheduled start of construction activity in the area. Where possible, clearing shall precede construction activity.
- No siltation shall be allowed into the wetlands on site, and no erosion of any bank edge shall be allowed under any circumstances.
- Soil stockpiles shall be shaped and seeded with temporary cover as per seeding specifications or mulched if grading is to be delayed over winter. The downhill toe-of-slope of all stockpiled soils shall be protected by staked strawbales or silt fence.
- If any questions arise regarding erosion and sedimentation control measures, the Project Landscape Architect shall be consulted immediately.



NOTE: SILT FENCE TO BE ERECTED WITHIN THE LIMITS OF THE SILTATION AREA ADJACENT TO THE STRAWBALES

EROSION CONTROL BARRIER

Revisions

Date:	October 26, 2021	Sheet Number	L-101
Scale:	1"=20'		
Drawn By:	JDS		
Checked By:	JDS		