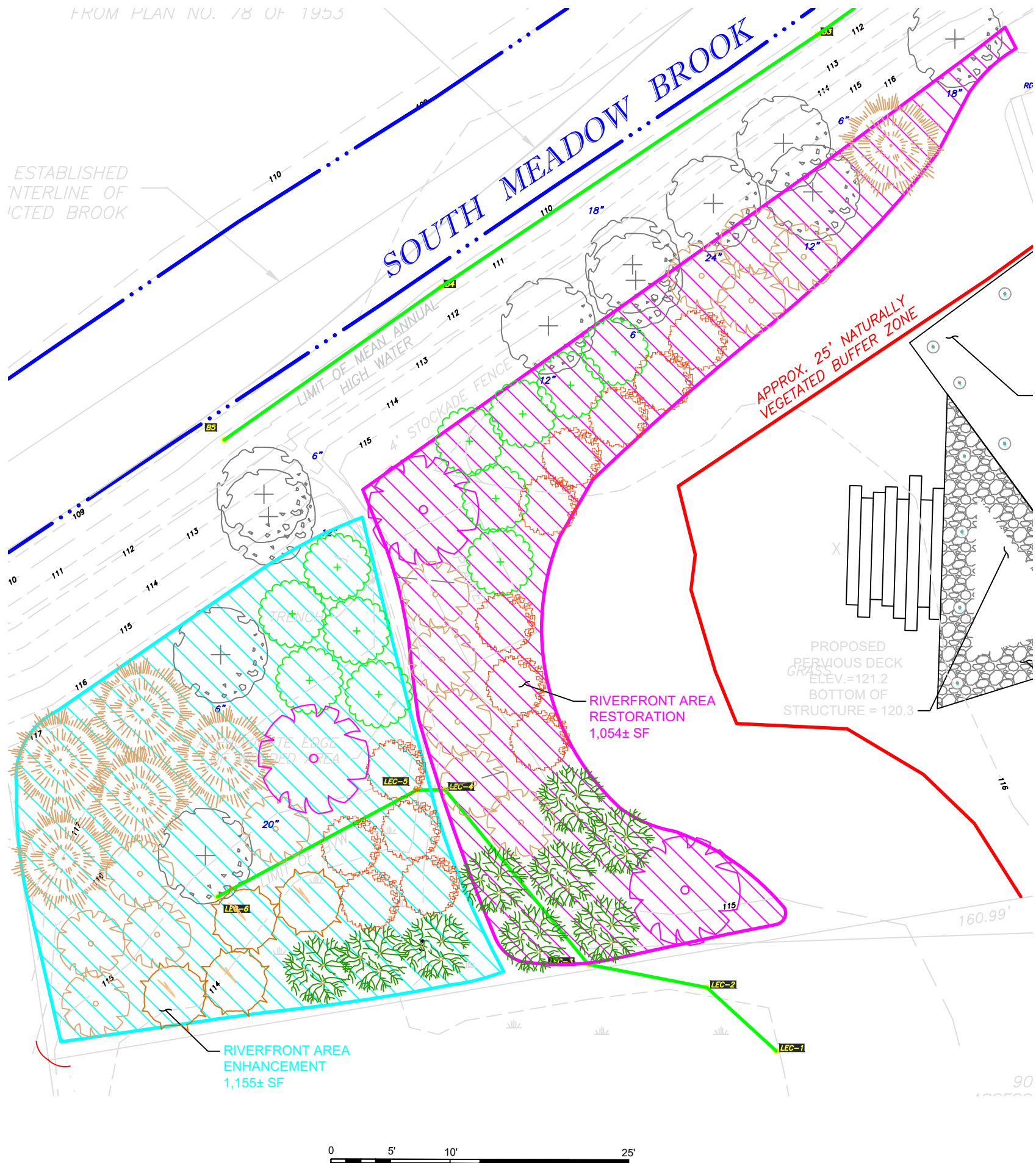


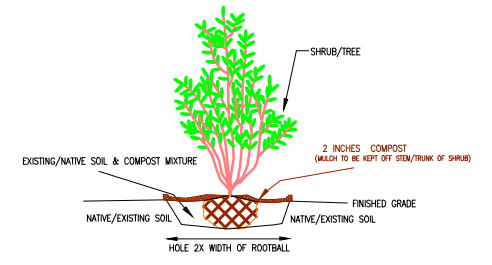
FROM PLAN NO. 78 OF 1953



NOTES

- THE LIMITS OF THE RESTORATION AREA SHALL BE STAKED IN THE FIELD PRIOR TO CONSTRUCTION AND ACCURATELY LOCATED BY A PLS.
- EROSION CONTROLS SHALL BE INSTALLED AT THE LIMIT OF WORK.
- IF TOPSOIL IS ABSENT, APPROXIMATELY 4-6 INCHES OF TOPSOIL (50/50 LEAF COMPOST AND LOAM MIXTURE) SHALL BE ESTABLISHED WITHIN THE RESTORATION AREA.
- ALL PLANTINGS SHALL BE NATIVE VARIETIES WITH NO LANDSCAPE CULTIVARS PROPOSED.
- SPECIFIC PLACEMENT OF SHRUBS WITHIN THE PLANTING AREA ARE APPROXIMATE AND MAY BE ADJUSTED IN THE FIELD.
- IF NECESSARY, ANY REQUIRED SUBSTITUTE NATIVE PLANTS SHALL BE REVIEWED BY A WETLAND SCIENTIST PRIOR TO INSTALLATION.
- A DEEP WATERING SHALL OCCUR AT THE TIME OF INSTALLATION.
- PLANTING IN THE EARLY SPRING OR EARLY FALL IS RECOMMENDED.
- IMPLEMENTATION OF A WATERING SCHEDULE IN THE FIRST GROWING SEASON FOR THE PLANTINGS IS RECOMMENDED TO ENSURE ESTABLISHMENT.
- A ONE TIME APPLICATION OF 2 INCHES OF LEAF COMPOST MULCH SHALL BE APPLIED TO THE PLANTING AREAS.
- ALL EXISTING, LIVING NATIVE SAPLINGS AND SHRUBS SHALL REMAIN IN THE RIVERFRONT AREA ENHANCEMENT PLANTING AREA. THE PROPOSED SHRUBS SHALL BE SITUATED WITHIN THE SPACES BETWEEN THE EXISTING NATIVE SAPLINGS AND SHRUBS AT THE DISCRETION OF THE WETLAND SCIENTIST SUPERVISING THE RESTORATION EFFORT.

SHRUB PLANTING DETAIL
(NOT TO SCALE)



- EXCAVATE HOLE TO THE APPROXIMATE DEPTH FOR THE ROOT BALL.
- PREVENT BURYING OF ROOT FLARE (WHERE THE FIRST MAIN ROOTS ATTACH TO THE TRUNK).
- LOOSEN EXPOSED ROOTS AS NECESSARY.
- WATER THOROUGHLY UNTIL ROOTBALL AND SURROUNDING SOIL IS COMPLETELY SATURATED.
- PLANTS THAT PREFER ACIDIC ORGANIC RICH SOIL (E.G. AZALEAS, RHODODENDRONS) SHALL INCLUDE PEAT IN SOIL AMENDMENT AND/OR ON SURFACE BENEATH MULCH.

Common Name	Genus/Species	Size	Planting Specifications	No.
Shrubs				
arrowwood	<i>Viburnum dentatum</i>	2 - 3' min.	clusters 3-7, 4 - 6 feet o.c.	9
alternate leaved dogwood	<i>Cornus alterniflora</i>	2 - 3' min.	clusters 3-7, 4 - 6 feet o.c.	3
witchhazel	<i>Hamamelis virginiana</i>	2 - 3' min.	clusters 3-7, 4 - 6 feet o.c.	6
American hazelnut	<i>Corylus americana</i>	2 - 3' min.	clusters 3-7, 4 - 6 feet o.c.	11
red twig dogwood	<i>Cornus sericea</i>	2 - 3' min.	clusters 3-7, 4 - 6 feet o.c.	13
winterberry	<i>Ilex verticillata</i>	2 - 3' min.	clusters 3-7, 4 - 6 feet o.c.	4
nannyberry	<i>Viburnum lentago</i>	2 - 3' min.	clusters 3-7, 4 - 6 feet o.c.	14
Total:				60

GROUND COVER

- A MINIMUM OF 40 OF THE FOLLOWING FERNS IN HALF GALLON POTS TO BE PLANTED IN GROUPINGS OF 3-7, SPACED 1-3' O.C.
- UPLAND AREA:
 - 30 DENNSTAEDTIA PUNCTILOBULA (HAY-SCENTED FERN)
- UPLAND AND WETLAND AREA:
 - 10 OSMUNDA CINNAMOMEA (CINNAMON FERN)

Riverfront Area Mitigation Planting Plan

100 Boulder Road
Newton, MA

Monday October 11, 2021
Revised 12-20-21

PREPARED BY:

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SCALE: 1" = 10'
(11 x 17" Print Size)

LEC File: RJOA/20-423.04



Plan adapted by:
LEC Environmental Consultants, Inc.
from plan entitled;

GRADING DRAINAGE AND UTILITY PLAN

DATED October 8 2021

Prepared by:

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