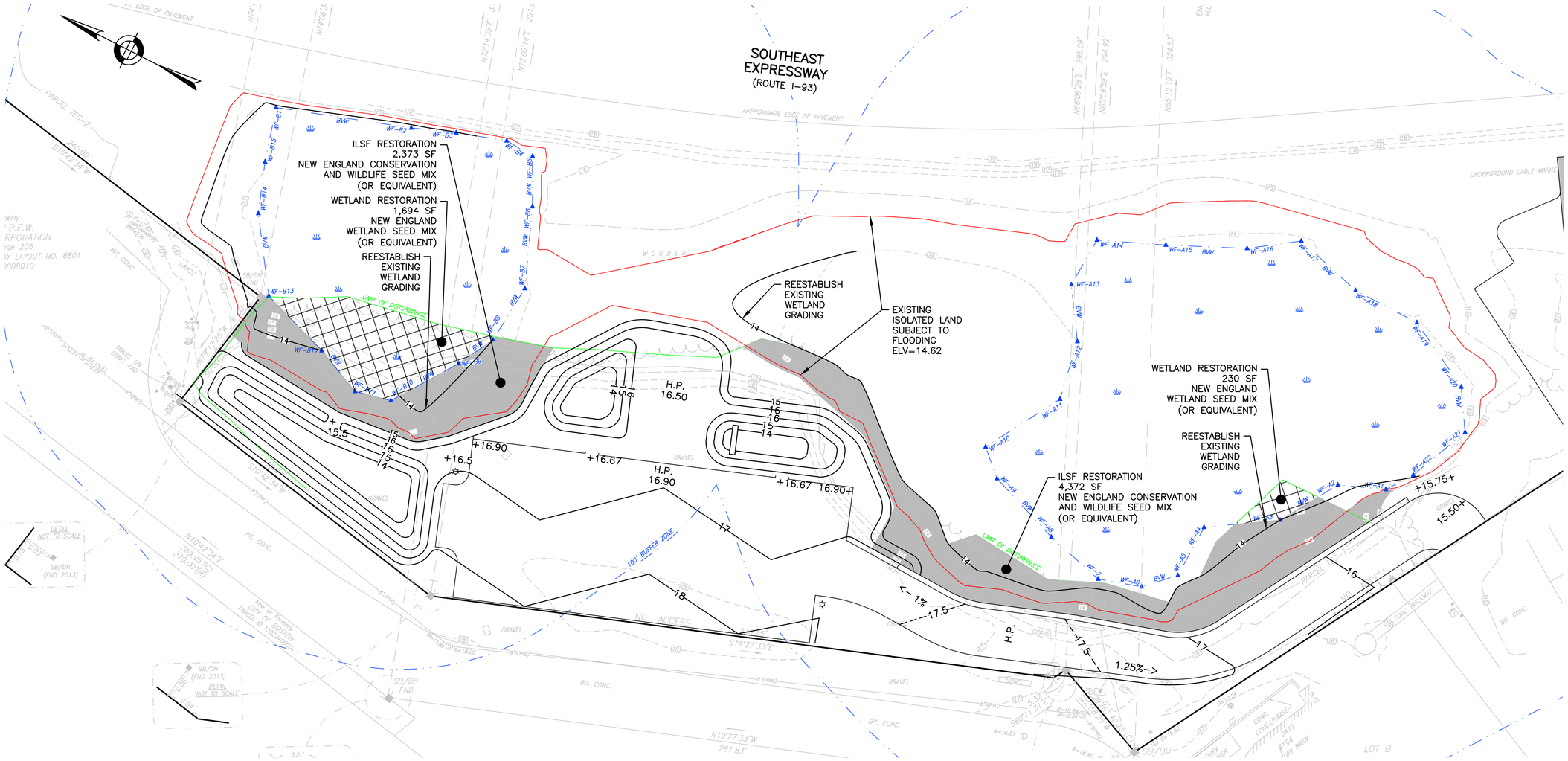

1. SEE WETLAND AND BUFFER ZONE RESTORATION REPORT PREPARED BY LUCAS ENVIRONMENTAL, LLC FOR DETAILED INFORMATION ABOUT THIS PLANTING PLAN.
2. PROPOSED PARKING AND DRAINAGE IMPROVEMENTS SUBMITTED UNDER SEPARATE NOTICE OF INTENT.
3. DURING CONSTRUCTION, PROTECT ALL EXISTING SITE FEATURES, STRUCTURES AND UTILITIES.
4. PLANTS SHALL BE TRUE TO SPECIES AND VARIETY SPECIFIED AND NURSERY GROWN IN ACCORDANCE WITH THE AMERICAN STANDARD FOR NURSERY STOCK UNDER CLIMATIC CONDITIONS SIMILAR TO THOSE IN THE LOCALITY OF THE PROJECT. SUBSTITUTIONS WILL BE PERMITTED ONLY IF APPROVED BY THE WETLAND SCIENTIST.
5. WETLAND SCIENTIST APPROVAL IS REQUIRED BEFORE PLANT MATERIAL IS PLANTED. I
6. ALL EXPOSED BURLAP, WIRE BASKETS AND OTHER MATERIALS ATTACHED TO PLANTS SHALL BE REMOVED PRIOR TO PLANTING. CARE SHALL BE TAKEN NOT TO DISTURB THE ROOT BALL OF PLANTS.
7. THOROUGHLY WATER ALL PLANTS IMMEDIATELY AFTER PLANTING.
8. LOAM USED SHALL BE UNIFORM IN COMPOSITION, FREE FROM SUBSOIL, STONES LARGER THAN 1", NOXIOUS SEEDS AND SUITABLE FOR THE SUPPORT OF VEGETATIVE GROWTH. THE pH VALUE SHALL BE BETWEEN 5.5 AND 6.5.
9. MULCH IN TREE AND SHRUB BEDS SHALL BE NATURAL, NATIVE HEMLOCK MULCH FREE OF GROWTH OR GERMINATION INHIBITING INGREDIENTS.
10. LOCATIONS FOR PLANTS AND/OR OUTLINE OF AREAS TO BE PLANTED ARE TO BE STAKED OUT AT THE SITE FOR APPROVAL BY THE WETLAND SCIENTIST.

RESTORATION AREA		SQUARE FEET
ISOLATED VEGETATED WETLAND		1,924
ISOLATED LAND SUBJECT TO FLOODING AND BUFFER ZONE		6,745

TABLE 1
ISOLATED VEGETATED WETLAND RESTORATION PLAN PLANTING SCHEDULE*

Common Name	Latin Name	Indicator Status	Size	Quantity
Trees				
Green Ash	*Fraxinus pensylvanica*	FACW	4-6'	10
Pin Oak	*Quercus palustris*	FACW	4-6'	6
Red Maple	*Acer rubrum*	FAC	4-6'	6
			Total	**22**
Shrubs				
Speckled Alder	*Alnus rugosa*	FACW	2-3'	12
Elderberry	*Sambucus canadensis*	FACW	2-3'	12
Silky Dogwood	*Cornus amomum*	FACW	2-3'	12
Pussy Willow	*Salix discolor*	FACW	2-3'	12
			Total	**48**
Ground Cover				
New England Wetland Seed Mix (or equivalent)		Varies	1 lb. /2,500 s.f.	1 lb.

TABLE 2
ILSF AND BUFFER ZONE RESTORATION PLAN PLANTING SCHEDULE

Common Name	Latin Name	Size	Quantity
Trees			
Hackberry	*Celtis occidentalis*	4-6'	6
Red Cedar	*Juniperus virginiana*	4-6'	10
Chokecherry	*Prunus virginiana*	4-6'	10
Pin Oak	*Quercus palustris*	4-6'	8
Gray Birch	*Betula populifolia*	4-6'	6
		Total	**40**
Shrubs			
Black Chokeberry	*Aronia melanocarpa*	2-3'	25
Bayberry	*Myrica pensylvanica*	2-3'	25
Virginia Rose	*Rosa virginiana*	2-3'	10
Alternate-leaved Dogwood	*Cornus alternifiora*	2-3'	15
Serviceberry	*Amelanchier canadensis*	2-3'	25
		Total	**100**
Ground Cover			
New England Conservation/Wildlife Mix, or equivalent		1 lb./7,500 sq. ft.	1.5

TABLE 3
NEW ENGLAND CONSERVATION/WILDLIFE MIX

Latin Name	Species	Indicator Status
Elymus virginicus	Virginia Wild Rye	FACW-
Schizachyrium scoparium	Little Bluestem	FACU
Andropogon gerardii	Big Bluestem	FAC
Festuca rubra	Creeping Red Fescue	FACU
Panicum virgatum	Switch Grass	FAC
Chamaecrista fasciculata	Partridge Pea	FACU
Panicum clandestinum	Deer Tongue	FAC+
Sorghastrum nutans	Indian Grass	UPL
Asclepias syriaca	Common Milkweed	FACU-
Heliopsis helianthoides	Ox Eye Sunflower	UPL
Eupatorium purpureum	Purple Joe Pye Weed	FAC
Euthamia graminifolia	Grass Leaved Goldenrod	FAC
Verbena hastata	Blue Vervain	FACW
Zizia aurea	Golden Alexanders	FAC
Aster umbellatus	Flat Topped/Umbrella Aster	FACW
Solidago juncea	Early Goldenrod	NI

TABLE 4
NEW ENGLAND WETMIX (WETLAND SEED MIX)

Species	Latin Name	Indicator Status
Fox Sedge	*Carex vulpinoidea*	OBL
Blunt Broom Sedge	*Carex scoparia*	FACW
Lurid Sedge	*Carex lurida*	OBL
Hop Sedge	*Carex lupulina*	OBL
Fowl Bluegrass	*Poa palustris*	FACW
Beggar Ticks	*Bidens frondosa*	FACW
Green Bulrush	*Scirpus atrovirens*	OBL
Swamp Milkweed	*Asclepias incarnata*	OBL
Fringed Sedge	*Carex crinita*	OBL
Soft Rush	*Juncus effusus*	FACW+
Starved/Calico Aster	*(Symphyotrichum lateriflorum)*	FACW
Blue Flag	*Iris versicolor*	OBL
American Mannagrass	*Glyceria grandis*	OBL
Square Stemmed Monkey Flower	*Mimulus ringens*	OBL
Spotted Joe Pye Weed	*Eupatorium maculatum*	OBL

HOWARD STEIN HUDSON
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www.hshassoc.com

PREPARED FOR:

256 FREEPORT STREET
BOSTON, MA

REVISIONS:

NO	BY	DATE	DESCRIPTION

COMMONWEALTH OF MASSACHUSETTS
RICHARD E. LATINI
CIVIL
No. 41033
REGISTERED PROFESSIONAL ENGINEER

PERMIT SET
NOT FOR CONSTRUCTION

WETLAND AND BUFFER RESTORATION PLAN

DATE:	03/10/22
PROJECT NUMBER:	19059
DESIGNED BY:	RJM
DRAWN BY:	RJM
CHECKED BY:	JD

FIG-1