

MAP 134
LOT 85

MAP 134
LOT 373

MAP 134
LOT 374

MAP 134
LOT 375

AREA OF FILL IN WETLANDS
TO BE RESTORED = 1,267 S.F.

PROPOSED SILT FENCE

S 77°58'00" E
109.78'

MAP 134
LOT 116

N 00°38'53" E
104.56'

POST
LIMIT OF
PREVIOUSLY
EXISTING LAWN

PROPOSED FENCE

POOL

SHED

Cover

EXISTING FENCE

B
H

EXISTING DWELLING
#1063

EXISTING FENCE

S 12°02'00" W
102.50'

MAP 134
LOT 43

MAP 134
LOT 372
10,195 S.F.

PAVED DRIVEWAY

89.14'

100' BUFFER

ZONE

N 77°58'00" W

CC BERM

ENTIRE SITE FALLS WITHIN THE
100' BUFFER ZONE.

ALMY (PUBLIC - 50' WIDE) STREET

EDGE OF PWMT.
HYD & WG

CC BERM

MAP 134
LOT 136

MAP 134
LOT 131

WETLAND RESTORATION PLAN

1063 ALMY STREET
IN
NEW BEDFORD, MA.

SCALE: 1" = 20'

DATE: MAY 2, 2019

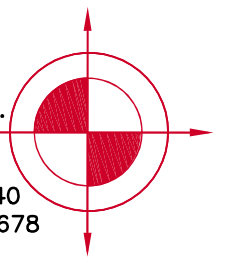
ROMANELLI ASSOCIATES INC.

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JN 16-108

Wetland Restoration Plan
Map 134 Lot 372
1063 Almy Street, New Bedford, MA 02745

On behalf of the applicant, the following sequence of work is proposed:

1. The following locations will be staked out or flagged by Romanelli Associates, Inc. in accordance with the specifications provided on the attached plan titled: *Wetland Restoration Plan prepared for 1063 Almy Street, New Bedford, MA* by Romanelli Associates, Inc., dated May 1, 2019.
 - a. Limit of Wetland Restoration Area
 - b. Erosion Control Measures Limit
2. The New Bedford Conservation Agent will be contacted and given an opportunity to inspect the staked limit of wetland restoration area, and the installed erosion control measures before any earth disturbance activities take place. **Restoration work will not proceed until authorization is provided by the Conservation Agent.** The land surveyor will be contacted if there are any discrepancies with the placement of the project staking and will meet onsite to clarify any concerns.
3. The operator of the backhoe or excavator will then begin removing the fill material from the area of impact, starting at the furthest point from the upland boundary (northern end of fill area), working back towards the upland boundary (southern end of fill area), such that travel by the equipment is limited to the fill areas or existing uplands during restoration work, and no travel occurs outside the restoration area. All earth work in the restoration area will be conducted under the supervision of a Wetland Professional.
4. The Wetland Professional will be onsite to confirm fill material in the wetland is removed down to the native topsoil horizon. Following the complete removal of fill from a designated area, the operator will use the teeth on the equipment to de-compacted and scarify the restored surface. Any native logs, rocks, or woody debris encountered in the undisturbed topsoil horizon during the removal of fill will be left within the restoration area.
5. Fill material excavated from the impacted area will be transported and graded into locations around the existing foundation of the home. No material will be stockpiled onsite.
6. As the excavation work occurs, the onsite Wetland Professional will also confirm the transition zone between the wetland restoration area and the unaffected wetland community is natural in appearance, such that restoration efforts do not lead to the draining of the unaffected wetland or create unnatural areas of ponding.
7. The New Bedford Conservation Agent will be contacted and given an opportunity to inspect the site following the removal of fill soils and preparation of the existing topsoil for seed distribution. **No seeding of the wetland restoration area will occur until site conditions are deemed acceptable by the Conservation Agent.** Once restored locations are deemed acceptable, a second set of erosion controls will be installed between the restoration area and the staked limit of previously existing lawn.
8. Following authorization to begin seeding, the wetland restoration area will be planted with a seed mix of wetland herbaceous plants (e.g. New England Wet Mix from New England Wetland Plants, Inc.) Species include: Fox Sedge (*Carex vulpinoidea*), Hop Sedge (*Carex lupulina*), Lurid Sedge (*Carex lurida*), Blunt Broom Sedge (*Carex scoparia*) Green Bulrush (*Scirpus atrovirens*), Fowl Bluegrass (*Poa palustris*), Beggar Ticks (*Bidens frondosa*) Spotted Joe-Pye Weed (*Eupatorium maculatum*), Swamp Milkweed (*Asclepias incarnate*) Fringed Sedge (*Carex crinita*), New York Ironweed, (*Vernonia noveboracensis*), Calico Aster (*Aster lateriflorus*), Blue Flag, (*Iris versicolor*), American Mannagrass (*Glyceria grandis*), and Square Stemmed Monkey Flower (*Mimulus ringens*). **Application rate:** 1 lb/2500 sf as a wet meadow mix. **0.75 lbs of seed mix will be distributed in the restoration area.**

9. Impacts to upland surface locations will be restored with hand tools or equipment prior to the contractor demobilizing from the site. As similar to the seedbed preparations performed in the wetland areas, surface locations north of the existing home will be topped with loam and prepared for seed with the teeth on the bucket of the equipment or via hand tools, and the area will be sown with an appropriate seed mix for stabilizing the affected area and establishing lawn in the backyard.
10. Following the restoration of workspace locations a fence will be installed along the limit of the restored area in accordance with the specifications provided on the attached plan titled: *1063 Almy Street, New Bedford, MA* by Romanelli Associates, Inc., dated May 1, 2019. Signage will be installed on the fence with the following language: *"A protected conservation area exists beyond this fence and is to remain undisturbed per Order of the New Bedford Conservation Commission."*
11. At the end of the first growing season (Fall 2019) a progress report will be submitted by a Wetland Professional to the New Bedford Conservation Commission detailing the relative success or failure of the wetland restoration efforts. The progress report shall include: site photographs, estimated percent of aerial coverage in the restoration area, a list of plant species present in the wetland restoration area, relative vigor of plants and any additional measures that have or will be taken to rectify any observed and noted issues. A wetland plant community established with 75% aerial coverage meets the compliance standards set forth in 310 CMR 10.55 (4)(b)(6). If this density is not achieved, an additional wetland seed mix shall be distributed.
12. Upon completion of the restoration activity and acceptance of the wetland restoration efforts by the New Bedford Conservation Commission, all remnants of the plastic erosion control fencing will be removed from the wetland and properly disposed of.

PHOTOGRAPHIC LOG

Client Name: Linda Andrade/John Miguel

Site Location: 1063 Almy Street, New Bedford, MA

Photo 1

Date:
Spring
2018

Direction Photo Taken:
North

Description:
View of limit of lawn and
transition to wetland area.

American Beech

Red Maples

Limit of Lawn



Photo 2

Date:
Spring
2019

Direction Photo Taken:
North

Description:
View of current fill
locations and cut trees.

American Beech

Cut Red Maple Stumps

