NASH POND IMPROVEMENTS
CORNWALL, CT
DECEMBER 2017
(REVISED JULY 2018)
FOR
DR. GEORGE YANCOPOULOS
71 POPPLE SWAMP ROAD

PREPARED BY:
MACCHI ENGINEERS, LLC
44 GILLETT STREET
HARTFORD, CT 06105
TEL. (860) 549-6190
PROPOSED DISPOSAL AREA PLAN

SCALE: 1" = 50'-0"
SHORELINE PLANTING NOTES

1. Contractor shall have a pre-construction meeting with the Wetland Scientist prior to any work in the area.

2. The shoreline shall be planted with a combination of woody species and wetland seed mix.

3. Seeds and planting of live stakes or seedlings shall occur immediately following construction of the wetland area. Establishment and protection of the vegetation shall be completed and monitored for the duration of the project.

4. A single row of live stakes shall be planted with core log logs at a spacing of 6'-0". Use dominant log, cut branches of Willow (Salix spp.) and Osage orange (Celtis occidentalis) purchased from an approved supplier. Plant material shall be compact and free of debris, roots, and other undesirable material.

5. Dominant log stakes shall be between 6 3/4" and 2 3/4" in diameter and 6' - 7' in length. Rod branches shall be cleanly removed. The basal end shall be cut to a square shape.

6. If live stakes must be stored prior to planting, one third of the basal end shall be submerged in cold water.

7. Live stakes shall be soaked for a minimum of 24 hours and up to 7 days before planting. Soaking is most easily accomplished in proximity to the planting location.

8. To ease installation, pilot holes shall be drilled, through gaps in the vegetation where gaps can be made. Insert vegetation into the pilot holes before applying the soil mix, so that the vegetation can be visually inspected before installation.

9. Use stakes shall be installed into the soil. A maximum of 2 3/4" of the stake may be exposed above ground. Exposure should be minimal to prevent desiccation.

10. Turfseed may also be used if live stakes are not available due to seasonal, or other constraints. Turfseed shall be 10-12" deep, 8'-10" in width, (each 10' x OS or 500' wpl).

11. After the turfseed is planted, the seed mix shall be seeded with Misch & Misch mix from New England Wetland Plants Inc. The seed mix should be applied at a rate of 1.0 to 1.5 lbs/sq. ft.

12. The contractor shall provide the seed mix and live stakes/turfseed per supplier's recommendation.

13. The project wetland scientist shall inspect the site upon completion of plant installation and prior to finalization from the site to ensure proper plant location and quality.

RESTORATION NOTES

1. Any remaining wetland areas with bare soil should be seeded with wetland mix. The seed mix should contain a mix of sedges, grasses, and grass-like plants that are native to varying wetland types. Prevent soil mix from being seeded with new herbicides and weekly mix from New England Wetland Plants at a rate of 1.0 to 1.5 lbs/sq. ft.

2. During the first growing season, trees should be mulched with pine bark mulch to a depth of 2'-6" to prevent soil moisture.

3. Weed Thursday usually should be applied to bare soil to prevent soil moisture during the establishment period. As well as to control the weed from invasion.

4. All plantings should be watered as needed during the first growing season.