APPENDIX B

Hunters Pond Dam Removal Engineering Drawings
& Plan Set
1. ALL CONSTRUCTION SHALL ADHERE TO OSHA STANDARDS AND REGULATIONS.

CONSTRUCTION SAFETY AND SECURITY:
PRESERVATION ACT OF 1966, AS AMENDED (NHPA). NO WORK DEVIATING FROM THE PROJECT PLANS AND FEDERAL PERMITS ARE OBTAINED.

MORDECAI LINCOLN ROAD BRIDGE ARE HISTORIC PROPERTIES AS DEFINED UNDER THE NATIONAL HISTORIC CONDITIONS, THESE PLANS ARE NOT TO BE UTILIZED AS AS-BUILTS.

2. AS FIELD CONDITIONS MAY REQUIRE FIELD MODIFICATION AND MINOR CHANGES TO PROPOSED APPROVED BY THE PROJECT ENGINEER.

3. THESE PLANS ARE NOT TO BE UTILIZED FOR CONSTRUCTION, UNTIL ALL REQUIRED LOCAL, STATE, AND SPECIFICATIONS SHALL OCCUR THAT ALTERS, DISTURBS, OR OTHERWISE IMPACTS THESE RESOURCES, UNLESS

4. EXCAVATIONS AND STOCKPLIES IN NO WAY SHALL HAVE SLOPES STEEPER THAN 2:1.

5. THE CONTRACTOR SHALL NOTE THAT IN THE CASE OF A DISCREPANCY BETWEEN THE SCALED AND THE CONTRACTOR'S OWN EXPENSE.

6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR AND REPLACEMENT OF ROADS, CURBS, FENCES, MAINS. ANY DAMAGE TO EXISTING SERVICES OR MAINS SHALL BE REPAIRED IMMEDIATELY AT THE CONTRACTOR'S OWN EXPENSE.

7. WATER MAIN RELOCATION PLAN AND DETAILS

A.K.A. MORDECAI LINCOLN ROAD DAM
TOWN OF SCIUTATE
PLYMOUTH COUNTY, MASSACHUSETTS

HUNTERS POND
DAM REMOVAL

PROJECT OWNER:
TOWN OF SCIUTATE DEPARTMENT OF PUBLIC WORKS
600 CHIEF JUSTICE CUSHING HIGHWAY
SCIUTATE, MA 02066
781-545-8731

PROJECT PARTNERS AND FUNDERS:
TOWN OF SCIUTATE
NOAA RESTORATION CENTER

UNITED STATES FISH AND WILDLIFE SERVICE
MASSACHUSETTS OFFICE OF COASTAL ZONE MANAGEMENT

CORPORATE WETLANDS RESTORATION PARTNERSHIP
MASSACHUSETTS BAYS NATIONAL ESTUARY PROGRAM

NATIONAL FISH AND WILDFLIFE FOUNDATION
MASSACHUSETTS DIVISION OF ECOLOGICAL RESTORATION

SHEET INDEX:
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SHEET 2 – EXISTING AND PROPOSED CONDITIONS PLAN
SHEET 3 – REGULATED AREAS PLAN
SHEET 4 – CROSS-SECTIONS AND PROFILES
SHEET 5 – CROSS-SECTIONS AND PROFILES
SHEET 6 – CONSTRUCTION PLAN
SHEET 7 – CONSTRUCTION DETAILS
SHEET 8 – CONSTRUCTION DETAILS
SHEET 9 – WATERMAIN DETAILS AND PROFILE

TOWN OF SCIUTATE
6/24/2016
7/11/2016
7/11/2016
11/9/2016
11/30/2016
1142.001
LIFTING LOOP (OPTIONAL)

ROADWAYS SHALL BE REMOVED AND RETURNED TO THE CONSTRUCTION SITE.
REMOVED OR STABILIZED ON SITE. DISTURBED SOIL AREAS RESULTING FROM OTHER CONSTRUCTION ACTIVITIES AND PEDESTRIAN TRAFFIC. BAGS SHALL NOT BE AVAILABLE. ALL SURFACE WATER THAT IS FLOWING TO OR DIVERTED TOWARD THE PUBLIC ROAD. IMPRACTICAL, A BERM WITH 5:1 SLOPES THAT CAN BE CROSSED BY VEHICLES SHALL BE MAINTAINED ON THE SITE FOR THIS PURPOSE.

- STABILIZATION BAFFLE
- PLATE FOR EACH PIPE WITH WATERFIT CONNECTION
- 4" DRAIN WITH CAP
- 1" - 3" ROCK
- 4" FILL PORT WITH CAP
- 4" BALLAST STONE
- 6" MIN.
- 20' OR AS REQUIRED
- 2" HARDWARE CLOTH
- 1/2"
- THERMAL SEAL
- HOOK AND CHAIN FOR REMOVAL
- PERFORATED 48" PIPE WRAPPED WITH 1/2" HARDWARE CLOTH
- PERFORATED (REMOVABLE) 12"-36" PIPE WRAPPED WITH 2" HARDWARE CLOTH AND GEOTEXTILE
- CLEAN GRAVEL
- HOOK AND HINGE AT TOP
- ENCLOSURE STAND PIPE
- FILTERED WATER FLOW
- FILTER CLOTH
- SECTION A A'
- SECTION A-A
- SECTION C-C
- SECTION D-D
- SECTION E-E
- SECTION F-F
- SECTION G-G
- SECTION H-H
- SECTION I-I
- SECTION J-J
- SECTION K-K
- SECTION L-L
- SECTION M-M
- SECTION N-N

NOTES:
1. CONTAINERS SHALL BE LOCATED FOR EASE OF CLEAN-OUT AND DISPOSAL OF TRAPPED SEDIMENT AND TO MINIMIZE INTERFERENCE WITH CONSTRUCTION ACTIVITIES AND PEDESTRIAN TRAFFIC. BAGS SHALL NOT BE PLACED DIRECTLY INTO RECEIVING WATERS.
2. SEDIMENT CONTROL BAGS MUST BE LOCATED AWAY FROM RECEIVING WATERS AND DISPOSED OF ACCORDING TO MANUFACTURER’S INSTRUCTIONS.
3. THE INSIDE STAND PIPE (CENTER PIPE) SHALL BE CONSTRUCTED BY PERFORATING A CORRUGATED OR PVC PIPE BETWEEN 12" AND 36" IN DIAMETER. THE PERFORATIONS SHALL BE 1/2" 6" SLITS OR 1" DIAMETER HOLES 6" ON CENTER. THE CENTER PIPE SHALL BE WRAPPED WITH 1/2" HARDWARE CLOTH FIRST, THEN WRAPPED AGAIN WITH GEOTEXTILE CLASS E.
4. THE CENTER PIPE SHALL EXTEND 12" TO 18" ABOVE THE ANTICIPATED WATER SURFACE ELEVATION OR BULK CREST ELEVATION WHEN DEWATERING A BASN.
5. UPON PRIOR APPROVAL FROM ENGINEER, ALTERNATIVE METHODS OF DEWATERING SUCH AS DEWATERING WELL POINTS SHALL BE USED.

NOTES:
- NET TO SCALE
- TEMPORARY SEEDING TO ALL SOIL STOCKPILES.
1. TO PREVENT GENERAL MECHANICAL DAMAGE
2. BOX TRIMMERS WITHIN 28 FEET OF BUILDINGS SITE TO PREVENT MECHANICAL INJURY. FENCING OR OTHER BARRIER SHALL BE INSTALLED AT THE DRIPLINE OF THE TREE BRANCHES OR BEYOND. TREE-ROOT SYSTEMS COMMONLY EXTEND BEYOND THE DRIPLINE.

3. BOARDS SHALL NOT BE NAILED TO TREES DURING CONSTRUCTION.
4. FREDERIC ROOKS SHALL NOT BE CUT IN AN AREA INSIDE THE DRIPLINE OF THE TREE BRANCHES.
5. DAMAGED TREES WITH DAMAGED ROOKS IMMEDIATELY AND BEFORE THEY ARE EXPOSED. Exposed rooks should be covered with topspin immediately after excavation is complete. Rooks should be pruned to give a clean, sharp surface, amenable to healing. Roots exposed during hot weather shall be irrigated to prevent permanent tree injury. CARE FOR SERIOUS INJURY SHALL BE RESIGNED BY A PROFESSIONAL FORESTER OR CERTIFIED TREE EXPERT.

NOTES:
1. TO PREVENT GENERAL MECHANICAL DAMAGE TO TREES INSTALL TREE PROTECTION AS INDICATED IN DETAIL.
2. Box trimmers within 28 feet of buildings site to prevent mechanical injury. Fencing or other barrier shall be installed at the dripline of the tree branches or beyond. Tree-root systems commonly extend beyond the dripline.
3. Boards shall not be nailed to trees during construction.
4. Frederic rooks shall not be cut in an area inside the dripline of the tree branches.
5. Damaged trees with damaged rooks immediately and no part shall be removed. Exposed rooks should be covered with topspin immediately after excavation is complete. Rooks should be pruned to give a clean, sharp surface, amenable to healing. Roots exposed during hot weather shall be irrigated to prevent permanent tree injury. Care for serious injury shall be resolved by a professional forester or certified tree expert.