CITY OF QUINCY, MASSACHUSETTS
HOUGHS NECK BOAT RAMP RECONSTRUCTION PROJECT

JULY 6, 2018

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LOCATION MAP
WEYMOUTH FORE RIVER APPROX. MEAN LOW WATER (EL -5.16)
MEAN HIGH WATER (EL 4.33)
HIGH TIDE LINE (EL 6.79)

SEE SHEET C-502 FOR BOAT RAMP DETAILS
CONTRACTOR TO VERIFY VERTICAL CLEARANCE FROM OHW WITH UTILITY COMPANY INLET PROTECTION BARRIER (TYP.)

LIMIT OF WORK
PROPOSED FULL-DEPTH TURBIDITY CURTAIN DURING IN-WATER CONSTRUCTION AS REQUIRED BY DMF (CONTRACTOR TO ADJUST AS REQUIRED)
CONTRACTOR SHALL EXERCISE EXTREME CAUTION WHEN WORKING BELOW UTILITY LINES

Scale: AS SHOWN

C-103
EROSION CONTROL BLANKETS HAVE BEEN PROPERLY INSTALLED.
ALL SPILLS SHALL BE CLEANED UP IMMEDIATELY AFTER DISCOVERY.
ALL PERSONNEL SHALL BE INSTRUCTED REGARDING THE CORRECT PROCEDURE FOR WASTE DISPOSAL BY THE
GOOD HOUSEKEEPING:
PRODUCTS SHALL BE KEPT IN THEIR ORIGINAL CONTAINERS UNLESS THEY ARE NOT RESEALABLE.
ALL STOCKPILES SHALL BE SURROUNDED WITH TEMPORARY EROSION CONTROL MEASURES PRIOR TO THE ONSET OF
THE FOLLOWING ARE THE MATERIAL MANAGEMENT PRACTICES THAT SHALL BE USED TO REDUCE THE RISK OF SPILLS
WASTE MATERIALS
PROTECT ALL STOCKPILES FROM STORMWATER RUN-OFF USING TEMPORARY EROSION CONTROL MEASURES SUCH AS
ORIGINAL LABELS AND MATERIAL SAFETY DATA SHALL BE RETAINED FOR IMPORTANT PRODUCT
SPILL CONTROL PRACTICES
WHENEVER POSSIBLE ALL OF A PRODUCT SHALL BE USED UP BEFORE DISPOSING OF THE CONTAINER.
A MAINTENANCE INSPECTION REPORT SHALL BE MADE AFTER EACH INSPECTION
A MINIMUM OF 85% VEGETATED GROWTH HAS BEEN ESTABLISHED.
ALL WASTE MATERIALS SHALL BE COLLECTED AND STORED IN SECURELY LIDDED RECEPTACLES. ALL TRASH AND
WHEN CONSTRUCTION ACTIVITY PERMANENTLY OR TEMPORARILY CEASES WITHIN 100 FEET OF NEARBY SURFACE
CONSTRUCT TEMPORARY CULVERTS AND DIVERSION CHANNELS AS REQUIRED.
PAVEMENT WASH WATERS -NO SPILLS OR DETERGENTS
ALL MATERIALS STORED ON SITE SHALL BE STORED IN A NEAT, ORDERLY MANNER IN THEIR PROPER
COMPLETE PERMANENT SEEDING AND LANDSCAPING.
SITE PERSONNEL SHALL BE INSTRUCTED IN THESE PRACTICES BY THE SUPERINTENDENT.
ALL CONTROL MEASURES SHALL BE INSPECTED AT LEAST ONCE EACH WEEK AND FOLLOWING ANY STORM EVENT
THE EROSION CONTROL PROCEDURES SHALL CONFORM TO THE "MASSACHUSETTS EROSION AND SEDIMENT
REMOVE TRAPPED SEDIMENTS FROM COLLECTOR DEVICES AS APPROPRIATE AND THEN REMOVE TEMPORARY EROSION
FINISH PAVING ALL DRIVE AISLES AND PARKING LOTS.
AN AREA SHALL BE CONSIDERED STABLE WHEN ONE OF THE FOLLOWING HAS OCCURRED:
C. THE CONTRACTOR SHALL PERFORM EQUIPMENT/VEHICLE FUELING AND MAINTENANCE AT AN OFF-SITE
WATER USED TO CONTROL DUST
DUST CONTROL METHODS SHALL INCLUDE, BUT BE NOT LIMITED TO SPRINKLING WATER ON EXPOSED AREAS,
THE SMALLEST PRACTICAL PORTION OF THE SITE SHALL BE DENUDED AT ONE TIME.
UNCONTAMINATED AIR CONDITIONING/COMPRESSOR CONDENSATE
SPILL PREVENTION -WORK AREA SHALL BE KEPT CLEAN OF ALL MATERIALS
REMEDIAL ACTIONS FOR NONCOMPLIANCE WITH OBSERVATIONS OF NONCOMPLIANCE WITH THESE
MANUFACTURER’S RECOMMENDATIONS FOR PROPER USE AND DISPOSAL SHALL BE FOLLOWED.
ALL MEASURES SHALL BE MAINTAINED IN GOOD WORKING ORDER; IF A REPAIR IS NECESSARY, IT SHALL BE
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ALL MEASURES SHALL BE MAINTAINED IN GOOD WORKING ORDER; IF A REPAIR IS NECESSARY, IT SHALL BE
TIMBER TO BE CA TREATED SYP FOR MARINE BORER EXPOSURE, MIN. 21 DAY DRYING PRIOR TO INSTALLATION.

TIMBER LAG BOLTS TO BE 1" DIA HOT DIPPED GALVANIZED, CENTERED ON EACH PLANK.

CONTRACTOR SHALL CONSTRUCT BOAT RAMP WITH VERTICAL CURVES.

SEE SPECIFICATION SECTION 04400 FOR STONE SIZES.

PROPOSED BOAT RAMP SITE PLAN

PROPOSED BOAT RAMP GEARING TABLE

TYPICAL RAMP SECTION A-A

TYPICAL RAMP SECTION B-B

TYPICAL RAMP SECTION C-C

TYPICAL RAMP SECTION D-D

TYPICAL RAMP SECTION E-E

TYPICAL RAMP SECTION F-F

PROPOSED BOAT RAMP ALIGNMENT

SOUTH BANK

WEST BANK

TYPICAL RAMP SECTION A-A

TYPICAL RAMP SECTION B-B

TYPICAL RAMP SECTION C-C

TYPICAL RAMP SECTION D-D

TYPICAL RAMP SECTION E-E

TYPICAL RAMP SECTION F-F

CONSTRUCTION SET

Houghs Neck
Boat Ramp
Reconstruction Project

City of Quincy
Homeland Security/Marine Police Unit

Quincy, Massachusetts
CONNECTION STRAPS SHALL BE CONNECTED WITH 3/4" DIA. 6" HDG WASHERS WITH 1/4" X 2" DIA. HDG STEEL WASHERS UNDER BOTH NUT AND BOLT HEAD.

CONNECTION STRAPS SHALL BE 3/4" THICK HDG STEEL.

4 - #3 BARS 24"

CURBING TO BE PINNED THROUGH ASPHALT PAVEMENT.

CONSTRUCTION SET

Houghs Neck Boat Ramp Reconstruction Project

City of Quincy Homeland Security/Marine Police Unit

Quincy, Massachusetts