



REPLY TO
ATTENTION OF

DEPARTMENT OF THE ARMY
NEW ENGLAND DISTRICT, CORPS OF ENGINEERS
696 VIRGINIA ROAD
CONCORD, MASSACHUSETTS 01742-2751

MAINE GENERAL PERMIT (GP)
AUTHORIZATION LETTER AND SCREENING SUMMARY

Brad Roland
City of Portland
55 Portland Street
Portland, Maine 04101

CORPS PERMIT # NAE-2016-02204
CORPS GP ID# 16-486
STATE ID# L-

DESCRIPTION OF WORK:

place fill in 620 SF (.01 acres) of intertidal area in conjunction with the installation of a storm water outfall with associated riprap apron off Baxter Boulevard Portland, Maine as shown on the attached plans entitled 36" Outfall Pipe of Woodford Street CSO Separation Baxter Boulevard Portland Maine for City of Portland in 4 sheets dated 09-19-16.
ADDITIONAL CONDITIONS: SEE ATTACHED SHEET

LAT/LONG COORDINATES : 43.67093° N 70.27749° W USGS QUAD: ME- Portland West

I. CORPS DETERMINATION:

Based on our review of the information you provided, we have determined that your project will have only minimal individual and cumulative impacts on waters and wetlands of the United States. **Your work is therefore authorized by the U.S. Army Corps of Engineers under the enclosed Federal Permit, the Maine General Permit (GP).** Accordingly, we do not plan to take any further action on this project.

You must perform the activity authorized herein in compliance with all the terms and conditions of the GP [including any attached Additional Conditions and any conditions placed on the State 401 Water Quality Certification including any required mitigation]. Please review the enclosed GP carefully, including the GP conditions beginning on page 5, to familiarize yourself with its contents. You are responsible for complying with all of the GP requirements; therefore you should be certain that whoever does the work fully understands all of the conditions. You may wish to discuss the conditions of this authorization with your contractor to ensure the contractor can accomplish the work in a manner that conforms to all requirements.

If you change the plans or construction methods for work within our jurisdiction, please contact us immediately to discuss modification of this authorization. This office must approve any changes before you undertake them.

Condition 38 of the GP (page 16) provides one year for completion of work that has commenced or is under contract to commence prior to the expiration of the GP on October 13, 2020. You will need to apply for reauthorization for any work within Corps jurisdiction that is not completed by October 13, 2021.

This authorization presumes the work shown on your plans noted above is in waters of the U.S. Should you desire to appeal our jurisdiction, please submit a request for an approved jurisdictional determination in writing to the undersigned.

No work may be started unless and until all other required local, State and Federal licenses and permits have been obtained. This includes but is not limited to a Flood Hazard Development Permit issued by the town if necessary.

II. STATE ACTIONS: PENDING [], ISSUED [x], DENIED [] DATE _____

APPLICATION TYPE: PBR: _____, TIER 1: X, TIER 2: _____, TIER 3: _____, LURC: _____ DMR LEASE: _____ NA: _____

III. FEDERAL ACTIONS:

JOINT PROCESSING MEETING: 10/20/16 LEVEL OF REVIEW: CATEGORY 1: _____ CATEGORY 2: X

AUTHORITY (Based on a review of plans and/or State/Federal applications): SEC 10 _____, 404 _____ 10/404 X, 103 _____

EXCLUSIONS: The exclusionary criteria identified in the general permit do not apply to this project.

FEDERAL RESOURCE AGENCY OBJECTIONS: EPA NO, USF&WS NO, NMFS NO

If you have any questions on this matter, please contact my staff at 207-623-8367 at our Manchester, Maine Project Office. In order for us to better serve you, we would appreciate your completing our Customer Service Survey located at <http://per2.nwp.usace.army.mil/survey.html>

Rodney A. Howe
RODNEY A. HOWE
SENIOR PROJECT MANAGER
MAINE PROJECT OFFICE

Frank J. Del Giudice 11/23/16
FRANK J. DEL GIUDICE DATE
CHIEF, PERMITS & ENFORCEMENT BRANCH
REGULATORY DIVISION



**US Army Corps
of Engineers** ®
New England District

**PLEASE NOTE THE FOLLOWING ADDITIONAL CONDITIONS FOR
DEPARTMENT OF THE ARMY
GENERAL PERMIT
NO. NAE-2016-02204**

1. The permittee shall assure that a copy of this permit is at the work site whenever work is being performed and that all personnel performing work at the site of the work authorized by this permit are fully aware of the terms and conditions of the permit. This permit, including its drawings and any appendices and other attachments, shall be made a part of any and all contracts and sub-contracts for work which affects areas of Corps of Engineers' jurisdiction at the site of the work authorized by this permit. This shall be done by including the entire permit in the specifications for the work. If the permit is issued after construction specifications but before receipt of bids or quotes, the entire permit shall be included as an addendum to the specifications. The term "entire permit" includes permit amendments. Although the permittee may assign various aspects of the work to different contractors or sub-contractors, all contractors and sub-contractors shall be obligated by contract to comply with all environmental protection provisions of the entire permit, and no contract or sub-contract shall require or allow unauthorized work in areas of Corps of Engineers jurisdiction.
2. The permittee must still obtain any other Federal, State, or local permits as required by law before beginning work. This includes but is not limited to a Flood Hazard Development Permit issued by the town if necessary.
3. This authorization requires you to 1) notify us before beginning work so we may inspect the project, and 2) submit a Compliance Certification Form. You must complete and return the enclosed Work Start Notification Form(s) to this office at least two weeks before the anticipated starting date. You must complete and return the enclosed Compliance Certification Form within one month following the completion of the authorized work and any required mitigation (but not mitigation monitoring, which requires separate submittals).
4. Please note General Condition 21. Sedimentation and Erosion Control on pages 11 and 12 of the attached General Permit.
5. Areas of re-planted salt marsh shall be monitored for a period of two years and remedial action taken to insure a minimum of 75% survival rate.

17. DIRECTIONS TO THE SITE

From I-295, take exit 6B and continue north on Forest Avenue. Right on Baxter Boulevard and continue 1 mile to the intersection of Vannah Avenue. The outfall pipe location is on the east side of Baxter Boulevard, SE of the intersection of Baxter Boulevard and Vannah Avenue.

18. Nature of Activity (Description of project, include all features)

Installation of a 36" storm drain outfall pipe with rip rap apron discharging into Back Cove directly adjacent to existing outfall, as part of a larger CSO separation along Woodford Street.

Construction will impact approximately 620 sf of existing shoreline and existing riprap embankment. No tree clearing is proposed.

19. Project Purpose (Describe the reason or purpose of the project, see instructions)

Outfall for a new separated storm drain constructed to relieve inflow to an adjacent existing combined sewer overflow (CSO) location

USE BLOCKS 20-23 IF DREDGED AND/OR FILL MATERIAL IS TO BE DISCHARGED

20. Reason(s) for Discharge

Minor excavation is required to install the storm drain and riprap apron outfall protection. Approximately 620 sf of area below the HAT will be impacted for the installation of the storm drain pipe and construction of the riprap apron. The proposed outfall is directly adjacent to an existing outfall and will minimize impact by discharging both pipes to a shared apron.

21. Type(s) of Material Being Discharged and the Amount of Each Type in Cubic Yards:

Type Amount in Cubic Yards	Type Amount in Cubic Yards	Type Amount in Cubic Yards
Excavation 103 cy	Riprap Installed 103 cy	

22. Surface Area in Acres of Wetlands or Other Waters Filled (see instructions)

Acres 620 square feet (.014 acres)

or

Linear Feet

23. Description of Avoidance, Minimization, and Compensation (see instructions)

The outfall has been located on an existing, developed slope immediate adjacent to an existing outfall constructed in 2001 and the Back Cove Trail. The proposed impact is limited to the construction required to modify the existing outfall location with a new, widened riprap apron and slope protection sized to protect the outfall of the co-located storm drain outfalls.

24. Is Any Portion of the Work Already Complete? Yes No IF YES, DESCRIBE THE COMPLETED WORK

25. Addresses of Adjoining Property Owners, Lessees, Etc., Whose Property Adjoins the Waterbody (if more than can be entered here, please attach a supplemental list)

a. Address- See Attached

City - State - Zip -

b. Address-

City - State - Zip -

c. Address-

City - State - Zip -

d. Address-

City - State - Zip -

e. Address-

City - State - Zip -

26. List of Other Certificates or Approvals/Denials received from other Federal, State, or Local Agencies for Work Described in This Application.

AGENCY	TYPE APPROVAL*	IDENTIFICATION NUMBER	DATE APPLIED	DATE APPROVED	DATE DENIED
Maine DEP	Permit By Rule	N/A	9/23/2016	TBD	

* Would include but is not restricted to zoning, building, and flood plain permits

27. Application is hereby made for permit or permits to authorize the work described in this application. I certify that this information in this application is complete and accurate. I further certify that I possess the authority to undertake the work described herein or am acting as the duly authorized agent of the applicant.

SIGNATURE OF APPLICANT

DATE



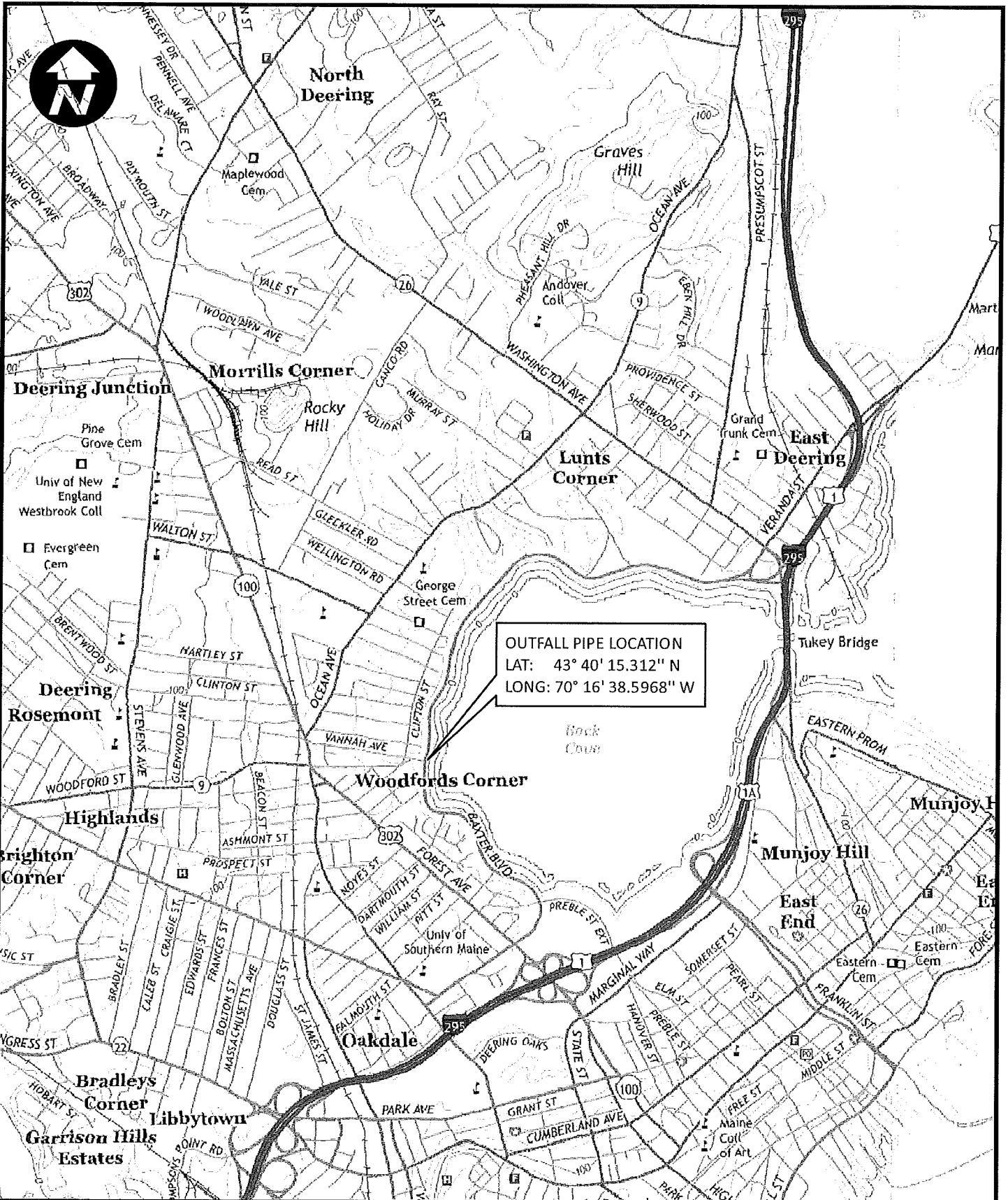
SIGNATURE OF AGENT

DATE

9-21-2016

The Application must be signed by the person who desires to undertake the proposed activity (applicant) or it may be signed by a duly authorized agent if the statement in block 11 has been filled out and signed.

18 U.S.C. Section 1001 provides that: Whoever, in any manner within the jurisdiction of any department or agency of the United States knowingly and willfully falsifies, conceals, or covers up any trick, scheme, or disguises a material fact or makes any false, fictitious or fraudulent statements or representations or makes or uses any false writing or document knowing same to contain any false, fictitious or fraudulent statements or entry, shall be fined not more than \$10,000 or imprisoned not more than five years or both.



OUTFALL PIPE LOCATION
 LAT: 43° 40' 15.312" N
 LONG: 70° 16' 38.5968" W

SEBAGO
 TECHNICS

WWW.SEBAGOTECHNICS.COM

75 John Roberts Rd. - Suite 1A
 South Portland, ME 04106
 Tel. 207-200-2100

250 Goddard Rd. - Suite B
 Lewiston, ME 04240
 Tel. 207-783-6596

**SITE LOCATION MAP OF:
 WOODFORD STREET SEWER SEPARATION**

LOCATION: WOODFORD STREET
 PORTLAND, MAINE

INFORMATION: 2011 USGS QUADRANGLE
 (-PORTLAND-WEST -PORTLAND-EAST)

SCALE: 1" = 2,000'

DATE: 9/15/2016

BACK
COVE

INSTALL RIPRAP APRON AT
OUTLET, PROTECT EXISTING
OUTLET & EXTEND RIPRAP TO
LIMITS SHOWN, MINIMIZE
DISTURBANCE TO EXISTING
VEGETATION, REFER TO RIPRAP
OUTLET CONSTRUCTION NOTES
FOR DISTURBANCE OF COASTAL
WETLAND VEGETATION OUTSIDE
RIPRAP LIMITS

GRADE PAVED AREAS WITHIN
BAXTER BOULEVARD TO MATCH
EXISTING CONDITIONS

LOW PERMEABILITY
DAM

Pipe - (128)

36" STORMDRAIN

10' WIDE RIPRAP
D50=24"
DEPTH=4.5'
TYPICAL BOTH SIDES

BAXTER BOULEVARD

gravel walk

gravel walk

40" oak
lp mastarm

CROSS WALK

9014



PLAN VIEW - 36" OUTFALL PIPE
OF WOODFORD STREET CSO SEPARATION

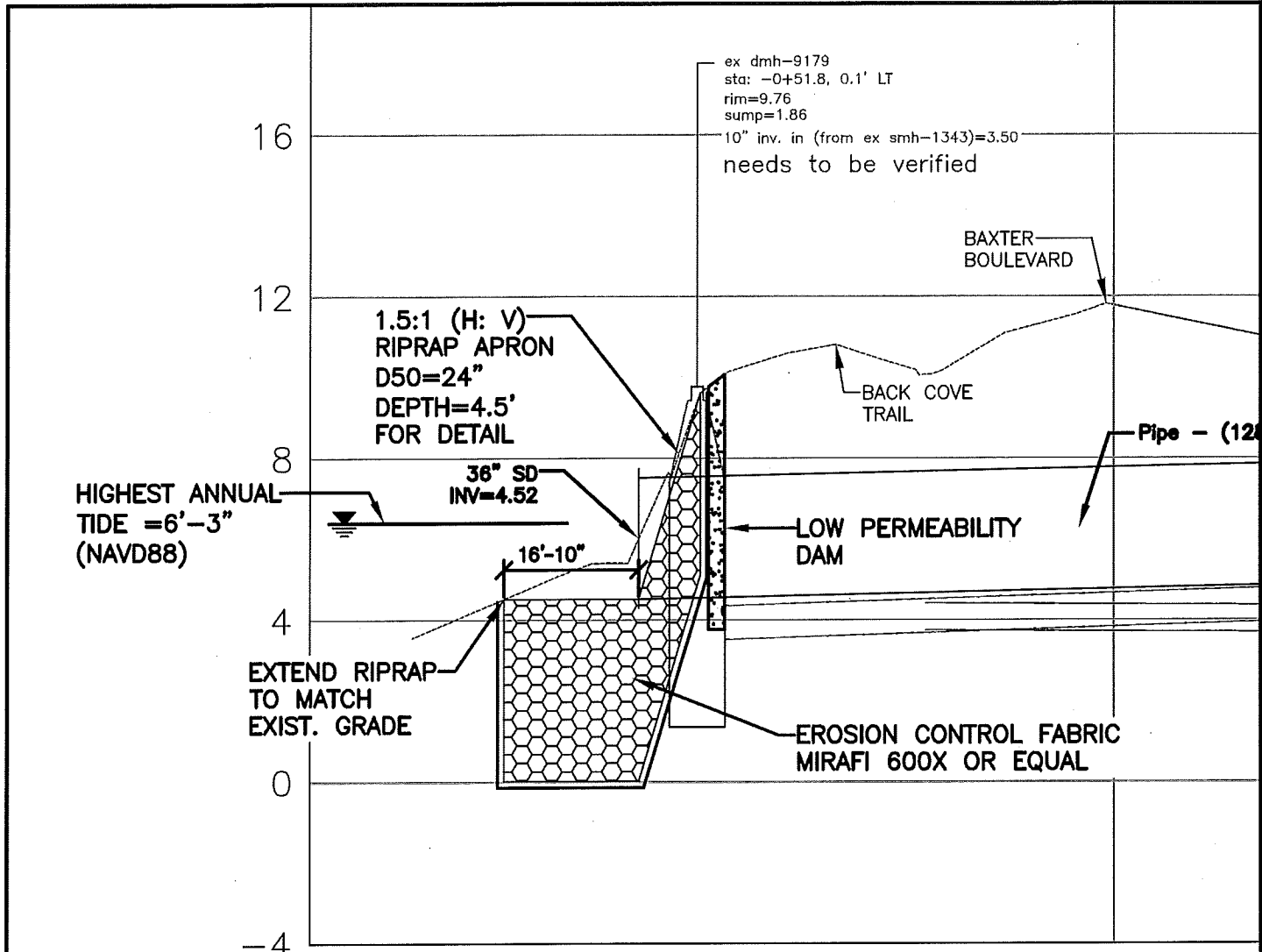
SCALE: AS NOTED

DATE: 09-19-16

LOCATION:
BAXTER BOULEVARD
PORTLAND, MAINE

FOR:
CITY OF PORTLAND
MAINE

SHEET:
1 OF 4



9.82	9.825	11.78	11.777
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0+00

PROFILE

SCALE: HORZ. 1"=20'
VERT 1"=4'



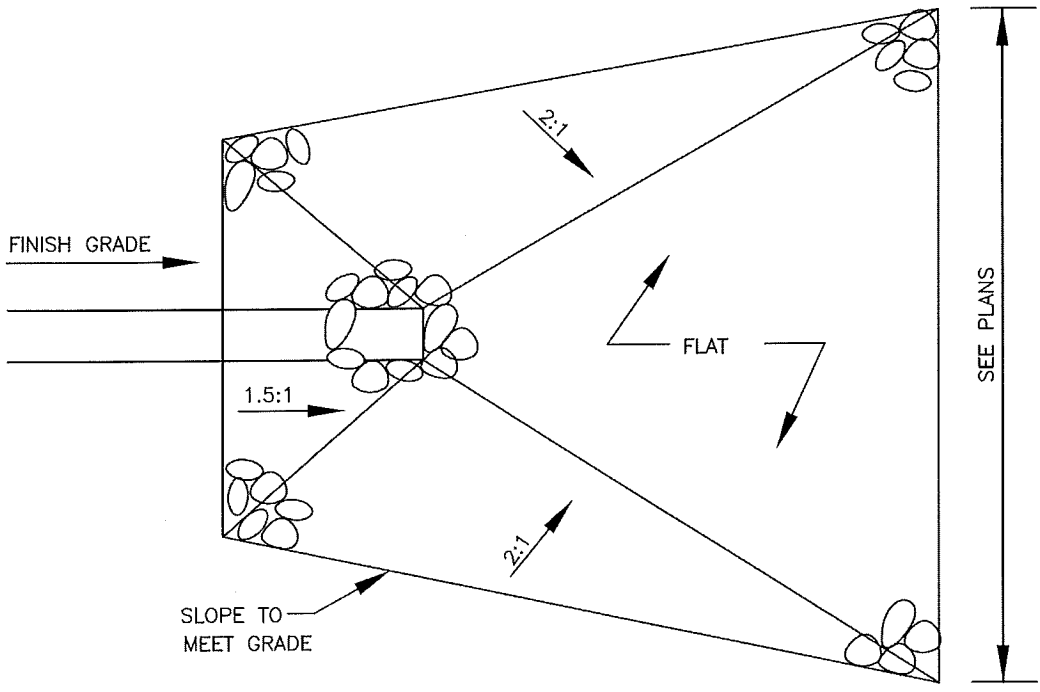
**PROFILE - 36" OUTFALL PIPE
OF WOODFORD STREET CSO SEPARATION**

SCALE: AS NOTED
DATE: 09-19-16

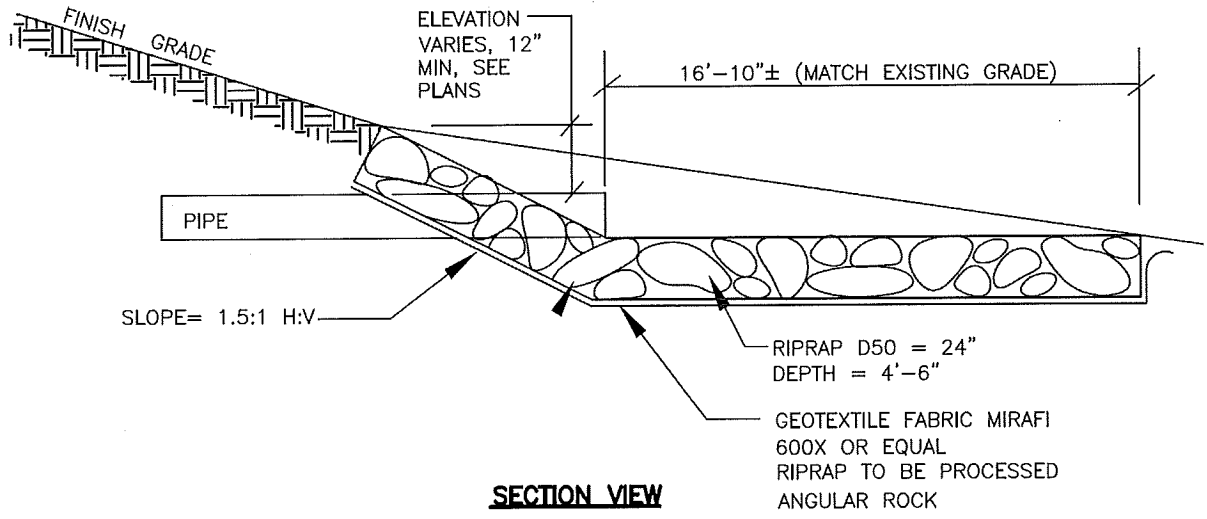
LOCATION:
BAXTER BOULEVARD
PORTLAND, MAINE

FOR:
CITY OF PORTLAND
MAINE

SHEET:
2 OF 4



PLAN VIEW



SECTION VIEW

RIPRAP APRON
NOT TO SCALE



**DETAILS - 36" OUTFALL PIPE
OF WOODFORD STREET CSO SEPARATION**

SCALE: NOT TO SCALE
DATE: 09-19-16

LOCATION:
BAXTER BOULEVARD
PORTLAND, MAINE

FOR:
CITY OF PORTLAND
MAINE

SHEET:
3 OF 4

RIPRAP OUTLET CONSTRUCTION NOTES (REFER TO RIPRAP APRON DETAIL ON DETAIL SHEET)

PRE-CONSTRUCTION

1. MEET ON SITE WITH OWNER, SITE CONTRACTOR, AND THE DESIGN ENGINEER TO DISCUSS SCOPE OF WORK AND EXPECTATIONS. DETERMINE LIMITS OF TIDAL "SPARTINA" GRASS.
2. CONTRACTOR SHALL HAVE ALL MATERIALS APPROVED BY THE DESIGN ENGINEER PRIOR TO INSTALLATION.

CONSTRUCTION PHASE

1. STABILIZE DISTURBED AREAS IN ACCORDANCE WITH THE EROSION AND SEDIMENT CONTROL BMP MANUAL, LATEST EDITION. SEE THE EROSION & SEDIMENT CONTROL NOTES AND PLAN FOR ADDITIONAL REQUIREMENTS. PROTECT NEARBY TREES, WHICH ARE PROPOSED TO REMAIN. TO THE EXTENT PRACTICAL, PROTECT THE ROOT ZONE OF THESE TREES.
2. THE CONTRACTOR SHALL CONSIDER THE TIDE SCHEDULE CAREFULLY; AND SHALL SCHEDULE WORK TO AVOID INTERRUPTIONS OF DAYLIGHT WORKING HOURS WITH HIGH TIDES. WORKING WITHIN TIDAL WATERS IS NOT PERMITTED.
3. THE CONTRACTOR SHALL ONLY WORK IN AREAS THAT CAN BE COMPLETED DURING EACH CONSTRUCTION DAY. NO AREAS SHALL BE EXCAVATED BY THE CONTRACTOR AND LEFT EXPOSED, AS THESE AREAS WILL BE SUBJECT TO EROSION FROM TIDAL SURGES OR STORM EVENTS.
4. WITHIN VEGETATIVE AREA PROPOSED TO BE DISTURBED, CAREFULLY REMOVE THE TOP ORGANIC LAYER (12"±) BELOW ELEVATION DETERMINED AT PRECONSTRUCTION MEETING. REMOVE USING METHOD THAT WILL KEEP THE VEGETATION SYSTEM INTACT. STOCKPILE THE ORGANIC LAYER IN A MANNER SO THAT MATERIAL CAN BE REUSED. REMOVE ONLY ENOUGH VEGETATION NEEDED TO INSTALL THE TIDE GATE VAULT AND SEWER PIPE IN ACCORDANCE WITH THE CROSS-SECTION. ORGANIC LAYER REMOVAL, STORAGE AND PLACEMENT SHALL BE INCIDENTAL TO THE RELATED PIPE PAY ITEM.
5. PIPE INSTALLATION: LOW PERMEABILITY DAMS OF NATURAL CLAY, BETONITE OR FLOWABLE FILL SHALL BE INSTALLED AS SHOWN TO MINIMIZE TIDAL FLOW THROUGH THE BACKFILL. DAMS SHALL EXTEND A MINIMUM 1 FOOT BELOW THE TRENCH BOTTOM, 1 FOOT BEYOND THE SIDEWALLS AND UP TO ELEVATION 7.4 OR TOP OF FINISHED GRADE. DAMS SHALL BE A MINIMUM OF 2 FEET THICKNESS. COSTS OF LOW PERMEABILITY DAMS SHALL BE INCIDENTAL TO THE CONTRACT.
6. INSTALL RIPRAP APRON IN ACCORDANCE WITH THE DETAILS. ONCE THE RIPRAP SLOPE IS COMPLETELY INSTALLED, THE CONTRACTOR SHALL GRADE THE DISTURBED AREAS UNIFORMLY TO MATCH EXISTING TOPOGRAPHY (U.N.O.) AND THE NEW RIPRAP EDGE.
7. PLACE EXISTING ORGANIC MATERIAL IN DISTURBED VEGETATIVE AREAS BELOW ELEVATION 10, WORKING FROM THE OUTFALL TO THE VAULT. DISTURBED VEGETATIVE AREAS ABOVE ELEVATION 10 SHALL HAVE LOAM AND SEED. ORGANIC LAYER REMOVAL, STORAGE AND PLACEMENT SHALL BE INCIDENTAL TO THE RELATED PIPE PAY ITEM.
8. INSPECT THE SITE EVERY TWO WEEKS FOR SIGNS OF EROSION AND ESTABLISHMENT OF VEGETATION. REPAIR ERODED AREAS AND REPLANT VEGETATION TO ESTABLISH 75% VEGETATION CATCH, AS REQUIRED.
9. IN AREAS REQUIRING REPLANTING, INSTALL NORTH AMERICAN GREEN C125BN EROSION CONTROL FABRIC OR APPROVED EQUAL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS (PAY ITEM 613.319).
10. USING RAZOR BLADE, CAREFULLY CUT HOLES 1 FOOT O.C. AND IN ROWS SPACED 1 FOOT APART. LOOSELY OFFSET HOLES BETWEEN ROWS FOR APPROXIMATELY 6-8 HOLES PER SQUARE YARD. PLANT CORD GRASS SPARTINA PATENS (SALT MEADOW GRASS) AND SPARTINA ALTERNIFLORA (SMOOTH CORDGRASS) PLUGS IN ALTERNATING FASHION. COSTS ASSOCIATED WITH CUTTING FABRIC AND PLANTING GRASS PLUGS WILL BE PAID THROUGH THE BID ITEM 615.072.



**NOTES - 36" OUTFALL PIPE
OF WOODFORD STREET CSO SEPARATION**

SCALE: N/A

DATE: 09-19-16

LOCATION:
BAXTER BOULEVARD
PORTLAND, MAINE

FOR:
CITY OF PORTLAND
MAINE

SHEET:
4 OF 4