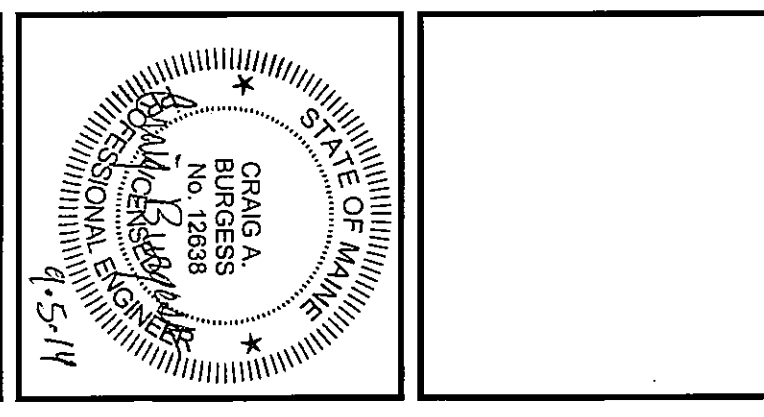


- UNDERDRAIN SOIL FILTER EMBANKMENT CONSTRUCTION NOTES:**
- CONSTRUCTION OF COMMON BORROW MATERIAL TESTING H.D.O.T. SPECIFICATIONS
  - PLACE BORROW MATERIAL IN 12" LIFTS COMPACTED TO 95% OF MAXIMUM
  - LOAM, SEED, AND STABILIZE IN ACCORDANCE WITH SEDIMENTATION AND EROSION CONTROL
  - THE EMBANKMENT LNER SHALL BE 6" THICK WITH A 5% TO 10% SLOPE TO THE SOIL FILTER BED. THE FILTER BED SHALL BE 6" THICK WITH A 5% TO 10% SLOPE TO THE SOIL FILTER BED. THE FILTER BED SHALL BE 6" THICK WITH A 5% TO 10% SLOPE TO THE SOIL FILTER BED.
- UNDERDRAIN SOIL FILTER NOTES:**
- THE FILTER BED SHALL BE AT LEAST 6" DEEP ON TOP OF THE GRAVEL UNDERDRAIN BEDDING AND MUST EXTEND ACROSS THE SPILLWAY CHANNEL TO THE PLANTING OR MAINTENANCE OPERATIONS CAN BE MIXED WITHIN THE FILTER. DURING CONSTRUCTION CARE SHOULD BE TAKEN TO AVOID COMPACTION OF BOTH THE GRAVEL AND SOIL FILTER.
  - SOIL MEDIA MUST CONSIST OF A SILTY SAND OR SOIL MIXTURE CONTAINING 25% TO 50% BY VOLUME OF A MODERATELY FINE SAND. THE MEDIA MUST BE WASHED THROUGH A NO. 20 SIEVE. THE MEDIA MUST BE WASHED THROUGH A NO. 20 SIEVE. THE MEDIA MUST BE WASHED THROUGH A NO. 20 SIEVE.
  - UNDERDRAIN BEDDING MATERIAL MUST CONSIST OF GRAVELLY MATERIAL, MEETING THE METHOD SPECIFICATION 10237 UNDERDRAIN TYPE B FOR UNDERDRAIN BACKFILL MATERIAL. GRAVELLY MATERIAL SHALL BE AVOIDED. IF CONSTRUCTION SEQUENCE CONSTRUCT UNDERDRAIN BACKFILL TO SUBGRADE (4) INCHES BELOW UNDERDRAIN INVERT PRIOR TO INSTALLING SUBBASE GRAVEL IN THE AREAS TRIBUTARY TO THE FILTER FOND.
  - INSTALL OUTLET CONTROL STRUCTURE AND OUTLET PIPES, IF REQUIRED, AND EMBANKMENT'S PER POND DETAIL.
  - ONCE BASE EMBANKING IS COMPLETE AND SITE HAS BEEN LOANED AND SEEDS CLEAN OUT ALL ACCUMULATED SEDIMENT, AND CONCLUDE INSTALLATION OF UNDERDRAIN FILTER BED, AND STABILIZE SIDE SLOPES WITH LOAM AND SEED.

- EMBANKMENT CONSTRUCTION**
- CONSTRUCTION OF COMMON BORROW MATERIAL
  - REPAIR OF EROSION, STABILIZATION WITH LOAM, SEED, AND STABILIZE IN ACCORDANCE WITH SEDIMENTATION AND EROSION CONTROL.
  - INSTALL RIPRAP AND EROSION CONTROL, FRESH WHERE SPECIFIED ON PLANS
  - LOAM, SEED, AND STABILIZE IN ACCORDANCE WITH SEDIMENTATION AND EROSION CONTROL.
- 12 OVEFLOW SPILLWAY SECTION (FILTER POND 2)**  
NOT TO SCALE

- EMBANKMENT CONSTRUCTION**
- CONSTRUCTION OF COMMON BORROW MATERIAL
  - REPAIR OF EROSION, STABILIZATION WITH LOAM, SEED, AND STABILIZE IN ACCORDANCE WITH SEDIMENTATION AND EROSION CONTROL.
  - INSTALL RIPRAP AND EROSION CONTROL, FRESH WHERE SPECIFIED ON PLANS
  - LOAM, SEED, AND STABILIZE IN ACCORDANCE WITH SEDIMENTATION AND EROSION CONTROL.
- 14 UNDERDRAIN SOIL FILTER 2 - SECTION B-B**  
NOT TO SCALE



C	OAM	09-5-14	SUBMITTED TO DEP
B	OAM	08-18-14	ISSUED FOR PRELIMINARY REVIEW
A	OAM	02-05-14	ISSUED FOR CLIENT REVIEW
REV:	BY:	DATE:	STATUS:

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**SEBAGO TECHNICS**  
www.sebagotechnics.com

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

250 Colchester Rd., Suite B  
Lewiston, ME 04240  
Tel. 207-783-5656

PROJECT NO.	FIELD BOOK	DESIGN	CHKD	DRAWN
08405		OAM	OAM	JAR

**DETAILS OF:**  
GREAT DIAMOND ISLAND TRANSFER AND RECYCLING FACILITY  
PORTLAND, MAINE

FOR:  
CITY OF PORTLAND  
55 PORTLAND STREET  
PORTLAND, MAINE 04101

DATE: 01-28-14  
SCALE: NTS  
SHEET 7 OF 8