

EMBAKMENT CONSTRUCTION NOTES:

1. FILL MATERIAL MUST BE FREE OF FROZEN SOIL, ROCKS OVER 6" SOU, STUMPS, WOOD, OR OTHER PERISHABLE MATERIALS. EMBANKMENT FILLS MUST BE COMPACTED USING METHODS THAT WOULD REASONABLY GUARANTEE A FILL DENSITY OF AT LEAST 90% OF THE MAXIMUM DENSITY AS DETERMINED BY STANDARD PROCTOR (ASTM-698).
2. INSTALL RISE RAMP AND EROSION CONTROL MESH WHERE SPECIFIED.
3. LOAM SEED, AND STABILIZE IN ACCORDANCE WITH SEDIMENTATION AND EROSION CONTROL.

WETLAND SOIL SECTION NOTES:

1. WETLAND SOIL TO BE MANUFACTURED USING COMPOST, SAND AND SOME FINE SOILS TO BLEND TO A HIGH ORGANIC CONTENT (15% OR MORE ORGANIC MATTER) WITH A LOW CLAY CONTENT (15% OR LESS) AND A PERMEABILITY OF 0.1 TO 0.01 FT/DAY.
2. SEED THE GRAVEL WETLAND BOTTOM AND EMBANKMENTS UP TO ONE FOOT ABOVE BOTTOM ELEVATION WITH "NEW ENGLAND WET MIX" FROM NEW ENGLAND WETLAND PLANTS. APPLICATION RATE 118/2500 SQ. FT. (18 LBS./ACRE).
3. SEED THE REMAINDER OF THE EMBANKMENTS WITH "NEW ENGLAND CONSERVATION/WILDLIFE MIX" FROM NEW ENGLAND WETLAND PLANTS. APPLICATION RATE 118/1750 SQ. FT. (25LBS./ACRE).

SEEDING NOTES:

1. SEED THE GRAVEL WETLAND BOTTOM AND EMBANKMENTS UP TO ONE FOOT ABOVE BOTTOM ELEVATION WITH "NEW ENGLAND WET MIX" FROM NEW ENGLAND WETLAND PLANTS.
2. SEED THE REMAINDER OF THE EMBANKMENTS WITH "NEW ENGLAND CONSERVATION/WILDLIFE MIX" FROM NEW ENGLAND WETLAND PLANTS. APPLICATION RATE 118/1750 SQ. FT. (25LBS./ACRE).
3. SEED THE GRAVEL WETLAND BOTTOM AND EMBANKMENTS UP TO ONE FOOT ABOVE BOTTOM ELEVATION WITH "NEW ENGLAND WET MIX" FROM NEW ENGLAND WETLAND PLANTS. APPLICATION RATE 118/2500 SQ. FT. (18 LBS./ACRE).

PERMEABILITY OF 0.1 TO 0.01 FT/DAY.

NOT TO SCALE

SUBSURFACE GRAVEL WETLAND SECTION

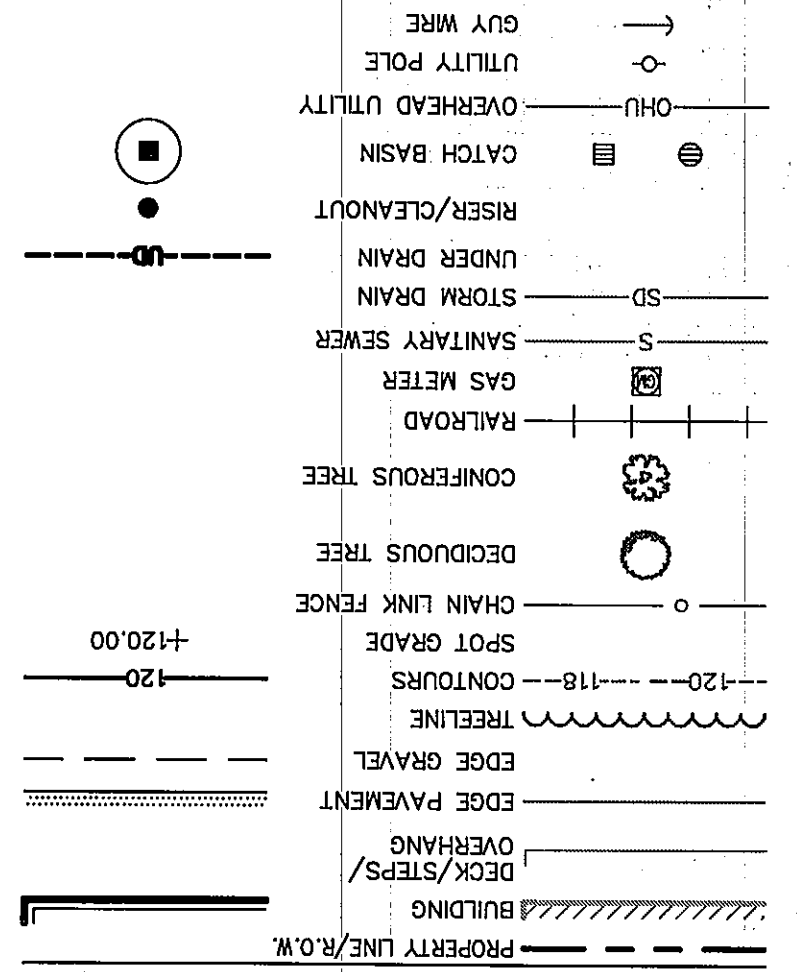
STORM DRAIN PIPE DATA

NAME	SIZE	LENGTH	SLOPE
SD-6	15"	38'	1.031%
SD-7	15"	12'	0.000%
SD-8	12"	18'	0.000%
SD-9	12"	12'	0.000%
SD-10	12"	2'	0.000%
UD-1	12"	18'	0.000%
UD-2	12"	18'	0.000%
UD-3	12"	17'	0.000%
UD-4	12"	18'	0.000%
UD-5	12"	18'	0.000%

STORM DRAIN STRUCTURE DATA

STRUCTURE	RIM	INV. IN	INV. OUT	DIAM.
CLEANOUT 1	71.75	68.75 (UD-2)	68.75 (UD-2)	12"
CLEANOUT 2	71.75	68.75 (UD-3)	68.75 (UD-3)	12"
CLEANOUT 3	71.75	68.75 (UD-5)	68.75 (UD-5)	12"
CLEANOUT 4	71.75	68.75 (UD-8)	68.75 (UD-8)	12"
CLEANOUT 5	71.75	68.75 (UD-8)	68.75 (UD-8)	12"
OCS-1	76.20	68.75 (SD-6)	71.40 (SD-6)	22"
RISER 1	73.00	68.75 (UD-1)	68.75 (UD-1)	12"
RISER 2	73.00	68.75 (UD-1)	68.75 (UD-1)	12"
RISER 3	73.00	68.75 (UD-4)	68.75 (UD-4)	12"
RISER 4	73.00	68.75 (UD-4)	68.75 (UD-4)	12"

LEGEND



GRAVEL WETLAND CONSTRUCTION PLAN
SAND & SALT STORAGE FACILITY
 PORTLAND, MAINE 04102
 CITY OF PORTLAND - DEPARTMENT OF PUBLIC SERVICES

SEBAGO
 WWW.SEBAGOENGINEERING.COM
 75 John Roberts Rd.
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DESIGNED GJM
CHECKED GJM
ISSUED FOR CITY SITE PLAN REVIEW AND APPROVAL
 DATE: 09-10-15
 STATUS: A
 THIS PLAN SHALL NOT BE MODIFIED WITHOUT WRITTEN PERMISSION FROM SEBAGO ENGINEERING, INC. ANY ALTERATIONS AUTHORIZED OR OTHERWISE SHALL BE AT THE USER'S SOLE RISK AND WITHOUT LIABILITY TO SEBAGO ENGINEERING, INC.

OWENS A. MCCULLOUGH P.E. #7122 P.S. OR PE
 REGISTERED PROFESSIONAL ENGINEER
 MAINE
 No. 7122
 EXPIRES 12/31/15