

WIRE FENCE BACKING 2" X 2" WOOD - POLYPROPYLENE FILTER FABRIC 8'-0" O.C. MAX. FILL WITH EXCAVATED MATERIAL -FILTER FABRIC TO EXTEND INTO TRENCH UNDISTURBED EARTH UNDER EXCAVATED MATERIAL

EROSION CONTROL FENCE DETAIL

NOT TO SCALE

12" - INV.: 11.75 -INV.: 11.50 " ORIFICE IN WEIR, TYPICAL OF 2 INV.: 9.75

OUTLET CONTROL STRUCTURE
NOT TO SCALE

-24" MANHOLE FRAME AND COVER RIM: 15.0 **EXPANSION** RESTRAINT--INSTALL SILT SACK UNDER GRATE SILT SACK BY ACF -CUT NOTCHES IN WEIR ENVIRONMENTAL OR **APPROVED** -EXISTING CATCH **EQUIVALENT BASIN** - TOP OF WEIR = 12.25CATCH BASIN FILTER FABRIC MATERIAL SECURELY FASTENED TO THE POSTS WIRE MESH (IF USED) 12111211121112111211121112 -12" HPDE FROM STORAGE NOTES:

- . INSTALL SILTSACK PER MANUFACTURER'S RECOMMENDATIONS.
- 2. SILTSACKS SHALL BE CHECKED FOR SEDIMENT LEVEL AND OVERALL CONDITION IMMEDIATELY AFTER EVERY RAIN EVENT AND AT LEAST EVERY DAY DURING PROLONGED RAINFALL.
- 3. SEDIMENT SHALL BE REMOVED WHEN THE SEDIMENT HAS ACCUMULATED TO 1/2 THE DESIGN DEPTH OF THE SILTSACK. REMOVED SEDIMENT SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT WILL NOT
- 4. SEDIMENT SHALL ONLY BE REMOVED BY REMOVING THE SILTSACKS FROM THE CATCH BASINS ACCORDING TO MANUFACTURER RECOMMENDATIONS.
- 6. CARE SHALL BE TAKEN TO AVOID SPILLING SEDIMENT WHILE REMOVING THE
- 7. ANY DAMAGED SILTSACK SHALL BE REPLACED WITH A NEW SILTSACK.

• FOR COMPLETE MODULE DATA, SEE APPROPRIATE R-TANKSD

• INSTALLATIONS PER THIS DETAIL MEET GUIDELINES OF H20

(AASHTO) STANDARD SPECIFICATIONS

PRE-TRÉATMENT STRUCTURES NOT SHOWN

LOADING PER THE 1983, 13TH EDITION OF THE AMERICAN

ASSOCIATION OF STATE, HIGHWAY AND TRAFFIC OFFICIALS

-GEOGRID (TENSAR BX-1200 OR EQUAL) PLACED 12" ABOVE THE

R-TANK^{SD} SYSTEM. OVERLAP ADJACENT PANELS BY 18" MIN.

INLET PROTECTION - SILT SACK
NOT TO SCALE

-PINE HALL BRICK STORMPAVE 2-3/4" THICK AS PER SPECIFICATIONS - # 89 AGGREGATE IN OPENINGS-WASHED FRACTURED AND OPENGRADED - CURB / EDGE RESTRAINT 3" BEDDING COURSE - 3/8" WASHED FRACTURED OPEN-GRADED STONE #89 AGGREGATE — - TOPSOIL/FILL 4" BASE COURSE - 3/4" WASHED CRUSHED STONE #57 AGGREGATE -12" SUB-BASE COURSE - 1-1/2"-3" CLEANED FRACTURED, OPEN-GRADED STONE 4" PERFORATED PIPE TO THE #2 AGGREGATE — R-TANK^{SD} STORAGE SYSTEM 12" LAYER OF LOAMY SAND FILTER MEDIA-4%-7% FINES-- R-TANK^{SD} STORAGE SYSTEM-SEE DETAIL THIS SHEET 3" - 3/4" CRUSHED STONE -GEOTEXTILE MARKER LAYER (MIRAFI 140N OR APPROVED EQUAL) -

PERVIOUS PAVER ABOVE R-TANK^{SD} (TYPICAL)

NOT TO SCALE

TOTAL COVER: 18" MINIMUM AND 120" MAXIMUM. FIRST 12" MUST BE FREE DRAINING BACKFILL (SPEC SECTION 2.03B): STONE <1.5" OR SOIL (USCS CLASS GW, GP, SW OR SP). ADDITIONAL FILL MAY BE STRUCTURAL FILL (SPEC SECTION 2.03C): STONE OR SOIL (USCS CLASS SM, SP, SW, GM, GP OR GW) WITH MAX CLAY CONTENT<10%, MAX 25% PASSING NO. 200 SIEVE, AND MAX PLASTICITY INDEX OF 4. A MIN. 12" COVER MUST BE MAINTAINED BETWEEN BACKFILL EQUIPMENT AND THE TOP OF THE R-TANK™ SYSTEM AT ALL TIMES. TOTAL HEIGHT OF TOP BACKFILL SHOULD NOT EXCEED 10'. CONTACT ACF ENVIRONMENTAL IF MORE THAN 10' OR LESS THAN 18" OF TOP BACKFILL IS REQUIRED (FROM TOP OF TANK TO TOP OF PAVEMENT)

GEOGRID SHOULD EXTEND 3' BEYOND THE EXCAVATION FOOTPRINT -COVER FROM FINISH GRADE 36" (0.91 m) TO TOP OF TANK: 18" (0.46 m) MIN. UTILITY MARKERS -PAVED SURFACE 120" (3.05 m) MAX AT CORNERS (TYP.)— 12" (0.30 m) TOP FILTER EL: 12.44 INLET PIPE(S)-REFER TO SHT. TOP TANKS EL: 11.44 C1.2 FOR INVERTS - $\stackrel{\textstyle \sim}{}$ BOT. TANKS EL: 10.00 3" (0.08 m) MIN.-24" (0.61 m)— -OUTLET PIPE INV.: 9.75 -GEOTEXTILE FABRIC, MIRAFI R-TANK^{SD} UNITS WRAPPED IN 8 OZ. BASE: 3" MIN. FREE DRAINING BACKFILL 140N OR APPROVED EQUAL NONWOVEN GEOTEXTILE (OR EQUAL) (SPEC SECTION 2.03B) COMPACTED TO 95% LOAD RATING: 42.9 PSI (MODULE ONLY) STANDARD PROCTOR DENSITY IS REQUIRED TO PROVIDE A LEVEL BASE SURFACE. MUST BE SMOOTH, FREE OF LUMPS OR

DEBRIS, AND EXTEND 2' BEYOND R-TANK^{SD}

2,000 PSF MUST BE ACHIEVED PRIOR TO

INSTALLING R-TANKSD. NATIVE SOILS MAY

FOOTPRINT. A BEARING CAPACITY OF

BE ACCEPTABLE IF DETERMINED TO BE

STABLE BY OWNER'S ENGINEER

R-TANK_{SD} - HS-20 LOADS
NOT TO SCALE

MODULE SHEET

- SIDE BACKFILL: 24" MIN. OF FREE DRAINING BACKFILL (SPEC SECTION 2.03B): STONE <1.5" OR SOIL (USCS CLASS GW, GP, SW OR SP). MUST BE FREE FROM LUMPS, DEBRIS AND OTHER SHARP OBJECTS. SPREAD EVENLY TO PREVENT R-TANK^{SD} MOVEMENT. COMPACT SIDE BACKFILL WITH POWERED MECHANICAL COMPACTOR IN 12" LIFTS

PROPOSED AC HOTEL **PORTLAND**

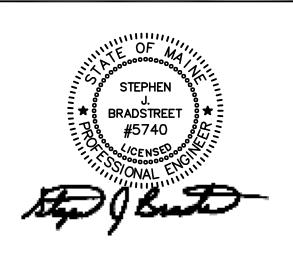
> HANCOCK STREET THAMES STREET PORTLAND, MAINE

FORE STREET /

-LOOPS FOR INSERTING REBAR (FOR LIFTING

AND REMOVAL)

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CONSTRUCTION **DETAILS**

|) | APPROVED CITY PLAN | | 02/15/17 |
|------------|------------------------|--------------|----------|
| | FINAL SUBMISSION | | 03/15/16 |
| } | PRELIMINARY SUBMISSION | | 09/29/15 |
| ` | CLIENT REVIEW | | 09/15/15 |
|) . | Revision/Issue | | Date |
| sign by: | | Checked by: | |
| МРМ | | SJB | |
| ıwn by: | | Approved by: | |
| | | a .a | |

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