

WIRE FENCE BACKING

POST
8'-0" O.C. MAX.

FILL WITH EXCAVATED

MATERIAL

FLOW

TRENCH

FILTER FABRIC TO

EXTEND INTO TRENCH
UNDER EXCAVATED

MATERIAL

WIRE FENCE BACKING

POLYPROPYLENE
FILTER FABRIC

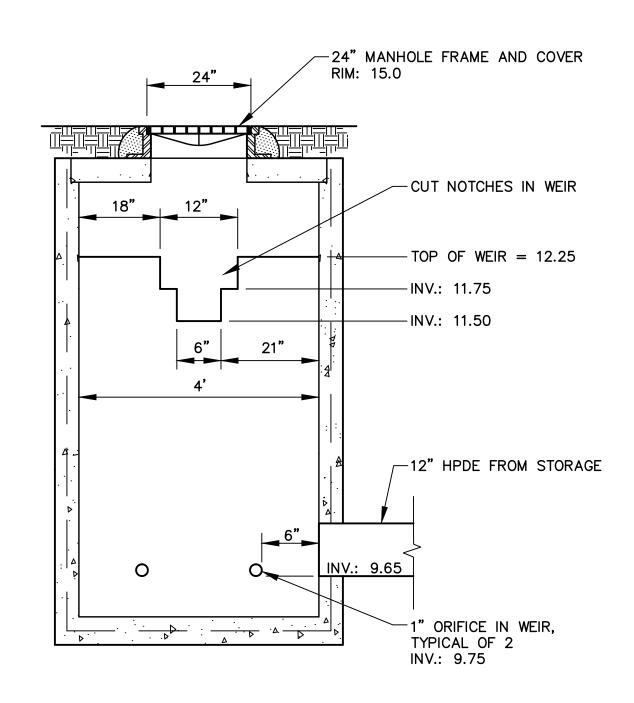
FILTER FABRIC

TRENCH
UNDER EXCAVATED
MATERIAL

EROSION CONTROL FENCE DETAIL

NOT TO SCALE

OUTLET CONTROL STRUCTURE
NOT TO SCALE



SILT SACK BY ACF
ENVIRONMENTAL OR
APPROVED
EQUIVALENT

EXISTING CATCH
BASIN

CATCH BASIN

FILTER FABRIC
MATERIAL SECURELY
FASTENED TO THE
POSTS WIRE MESH
(IF USED)

NOTES:

EXPANSION

RESTRAINT-

- 1. 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 FRODE
- 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-TANK^{SD}

• 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

INLET PROTECTION - SILT SACK
NOT TO SCALE

PRELIMINARY NOTE ON STRUCT

- 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 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)

R-TANK^{SD} SYSTEM. OVERLAP ADJACENT PANELS BY 18" MIN. 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.)— (0.30 m) TOP FILTER EL: 12.44 INLET PIPE(S)-TOP TANKS EL: 11.44 REFER TO SHT. C1.2 FOR **INVERTS** -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

MODULE SHEET

BASE: 3" MIN. FREE DRAINING BACKFILL (SPEC SECTION 2.03B) COMPACTED TO 95% 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} FOOTPRINT. A BEARING CAPACITY OF 2,000 PSF MUST BE ACHIEVED PRIOR TO INSTALLING R-TANK^{SD}. NATIVE SOILS MAY BE ACCEPTABLE IF DETERMINED TO BE

BE ACCEPTABLE IF DETERMINED TO BE STABLE BY OWNER'S ENGINEER

R-TANKSD - HS-20 LOADS

NOT TO SCALE

- 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

PORTLAND, MAINE

Prepared for:

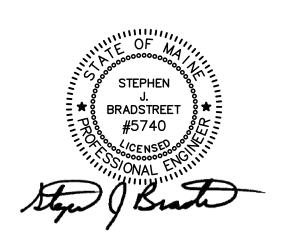
PORTLAND NORWICH GROUP, LLC

2330 PALM RIDGE ROAD #305 SANIBEL, FLORIDA 33957

PROPOSED AC HOTEL

PORTLAND

FORE STREET /
HANCOCK STREET /
THAMES STREET



CIVIL ENGINEER:

-LOOPS FOR INSERTING REBAR (FOR LIFTING

-INSTALL SILT SACK

UNDER GRATE

AND REMOVAL)

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CONSTRUCTION DETAILS

C FINAL SUBMISSION 03/15/16
B PRELIMINARY SUBMISSION 09/29/18
A CLIENT REVIEW 09/15/18
No. Revision/Issue Date
Design by:

MPM SJB
Approved by:

JAR SJB
Project:
Date:
150.06094
AUGUST 2015

C2.4

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