

A SC-740 TYPICAL DETENTION SYSTEM CROSS SECTION
N.T.S.

*SEE STORMTECH'S DESIGN MANUAL
FOR STORMTECH® INFORMATION CALL 1-888-892-2694

**ACCEPTABLE FILL MATERIALS
STORMTECH® SC-740™ CHAMBER SYSTEMS**

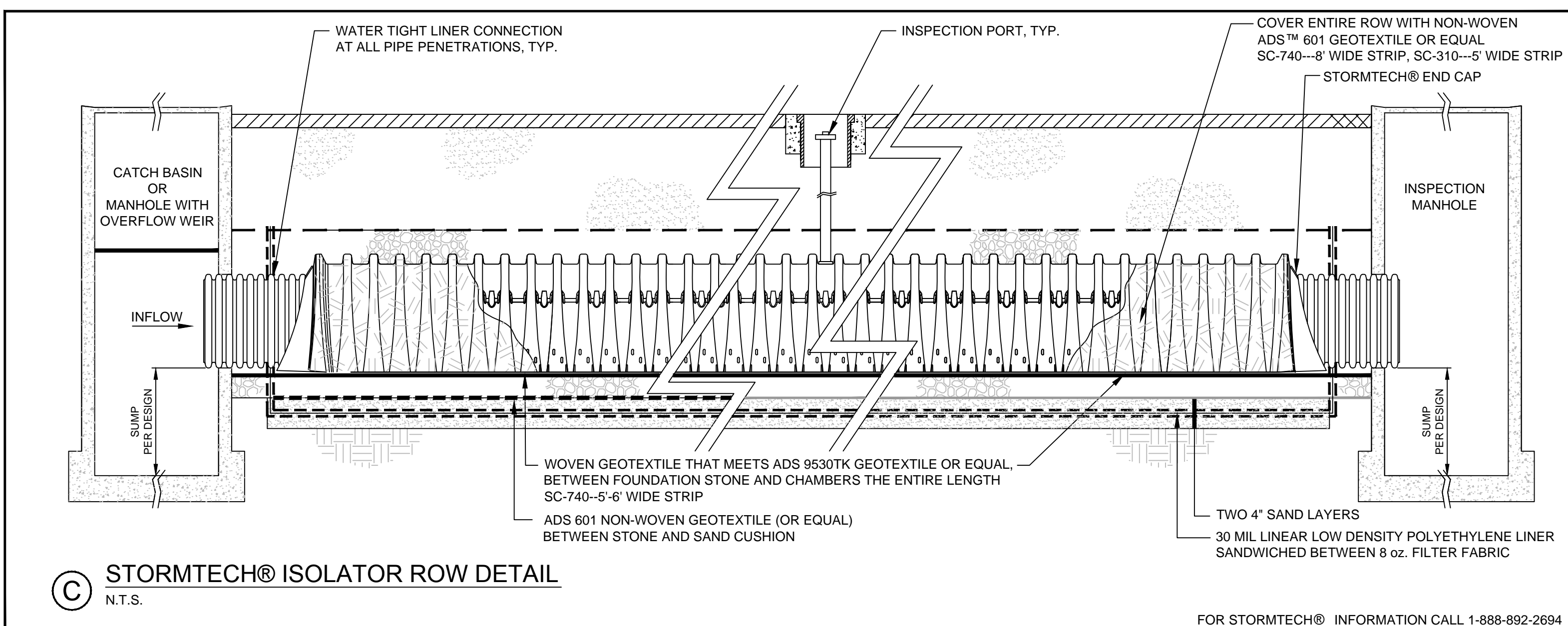
| MATERIAL LOCATION | DESCRIPTION | AASHTO M43 DESIGNATION | AASHTO M145 DESIGNATION | COMPACTION/DENSITY REQUIREMENT |
|--|--|---|-------------------------|--|
| FILL MATERIAL FROM 18" TO GRADE ABOVE CHAMBERS | ANY SOIL/ROCK MATERIALS, NATIVE SOILS OR PER ENGINEER'S PLANS. CHECK PLANS FOR PAVEMENT SUBGRADE REQUIREMENTS. | N/A | N/A | PREPARE PER ENGINEER'S PLANS. PAVED INSTALLATIONS MAY HAVE STRINGENT MATERIAL AND PREPARATION REQUIREMENTS. |
| © FILL MATERIAL FOR 6" TO 18" ELEVATION ABOVE CHAMBERS (24" FOR UNPAVED INSTALLATIONS) | GRANULAR WELL-GRADED SOIL/AGGREGATE MIXTURES, <35% FINES. | 3, 357, 4, 467, 5, 56, 57, 6, 67, 68, 7, 78, 8, 89, 9, 10 | A-1 A-2 A-3 | COMPACT IN 6" LIFTS TO A MINIMUM 95% STANDARD PROCTOR DENSITY. ROLLER GROSS VEHICLE WEIGHT NOT TO EXCEED 12,000 LBS. DYNAMIC FORCE NOT TO EXCEED 20,000 LBS. |
| ® EMBEDMENT STONE SURROUNDING AND TO A 6" ELEVATION ABOVE CHAMBERS | WASHED ANGULAR STONE WITH THE MAJORITY OF PARTICLES BETWEEN 1/4" - 2 INCH | 3, 357, 4, 467, 5, 56, 57 | N/A | NO COMPACTION REQUIRED |
| ® FOUNDATION STONE BELOW CHAMBERS | WASHED ANGULAR STONE WITH THE MAJORITY OF PARTICLES BETWEEN 1/4" - 2 INCH | 3, 357, 4, 467, 5, 56, 57 | N/A | PLATE COMPACT OR ROLL TO ACHIEVE A 95% STANDARD PROCTOR DENSITY |

PLEASE NOTE: THE LISTED AASHTO DESIGNATIONS ARE FOR GRADATIONS ONLY. THE STONE MUST ALSO BE WASHED CRUSHED ANGULAR. FOR EXAMPLE, THE STONE MUST BE SPECIFIED AS WASHED, CRUSHED, ANGULAR NO. 4 STONE.

NOTES:

1. THE INSTALLATION OF STORMTECH® CHAMBERS SHALL BE IN ACCORDANCE WITH THE LATEST STORMTECH® INSTALLATION INSTRUCTIONS
2. THE CONTRACTOR IS ADVISED TO REVIEW AND UNDERSTAND THE INSTALLATION INSTRUCTIONS PRIOR TO BEGINNING SYSTEM INSTALLATION. CALL 1.888.892.2694 OR VISIT WWW.STORMTECH.COM TO RECEIVE A COPY OF THE LATEST STORMTECH® INSTALLATION INSTRUCTIONS.

B STORMTECH® ACCEPTABLE FILL MATERIALS
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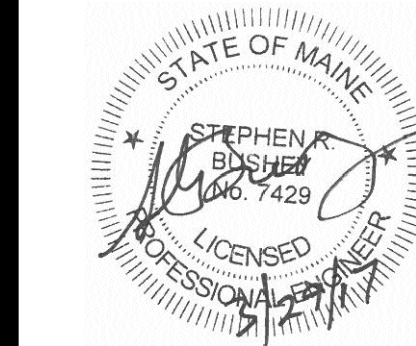
C STORMTECH® ISOLATOR ROW DETAIL
N.T.S.

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17.03.29
YJAW/DD
SRB
Appr.
PFE
By
1. SUBMITTED TO CITY FOR PRELIMINARY SHEET APPLICATION
Revision

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|------------------------------|------|-------|-------|----------|
| File Name: 195350337 DETAILS | DED | SRB | SRB | 16.11.29 |
| | DWN. | CHKD. | DSGN. | DATE |

Permit-Seal



Client/Project
BRUNER/COTT

CHILDREN'S MUSEUM &
THEATRE OF MAINE
THOMPSON'S POINT - PORTLAND, MAINE

Title
STORMWATER DETAILS -
SUBSURFACE WATER QUALITY
VOLUME STORAGE

Project No. 195350337
Scale AS NOTED

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