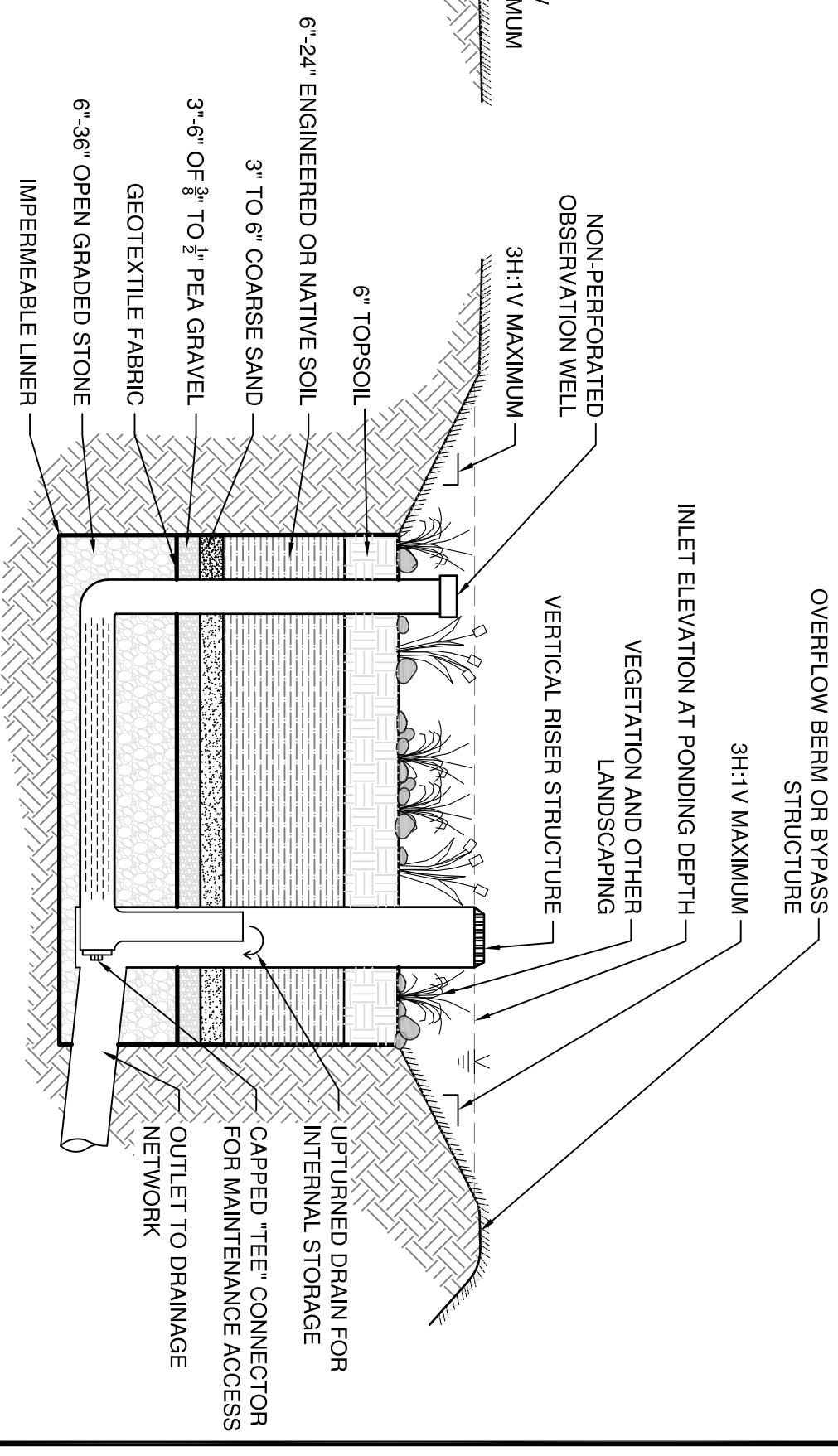


RAIN GARDEN IN NATIVE OR ENGINEERED SOILS

NTS



RAIN GARDEN WITH UNDERDRAIN SYSTEM

NTS

NOTES:

- LID BMPs MUST COMPLY WITH GUIDANCE AND LID MATRIX IN ADDITION TO LOCAL AND STATE CRITERIA. THESE TEMPLATES ARE INTENDED TO REPRESENT TYPICAL DETAILS. EACH DETAIL WILL REQUIRE REVISIONS TO MEET SPECIFIC SITE CONFIGURATIONS AND CONSTRAINTS BEFORE INCORPORATION INTO DESIGN PLANS.
- IF NO IMPERMEABLE LINER IS REQUIRED, ENSURE THAT SUBGRADE COMPACTION IS MINIMIZED DURING CONSTRUCTION. SCARIFY OR RIP SUBGRADE TO A DEPTH OF 9-12".
- PLANTINGS WITHIN THE LID BMPs ARE NOT INTENDED TO BE DRIP IRRIGATED ALTHOUGH SUPPLEMENTAL WATER DURING ESTABLISHMENT IS EXPECTED. HARDY NATIVE PLANT SPECIES THAT ARE NOT INVASIVE AND DO NOT REQUIRE CHEMICAL INPUTS ARE RECOMMENDED TO BE USED TO THE MAXIMUM EXTENT PRACTICABLE. PLANT MATERIALS MUST BE TOLERANT OF SUMMER DROUGHT, PONDING FLUCTUATIONS, AND SATURATED SOIL CONDITIONS FOR 10 TO 48 HOURS.
- SLOTTED OR PERFORATED UNDERDRAIN PIPE MUST BE MORE THAN 5 FEET FROM TREE LOCATIONS (IF SPACE ALLOWS).
- SOIL MEDIA THICKNESSES, LAYERS, AND SPECIFICATIONS SHALL BE BASED ON DETAILED GEOTECHNICAL REPORT.

LOW IMPACT DEVELOPMENT - DESIGN TEMPLATE



APPROVED BY:
DSWC

DATE:
06/15/2020

RAIN GARDEN

STANDARD DETAIL NO.
BR-1