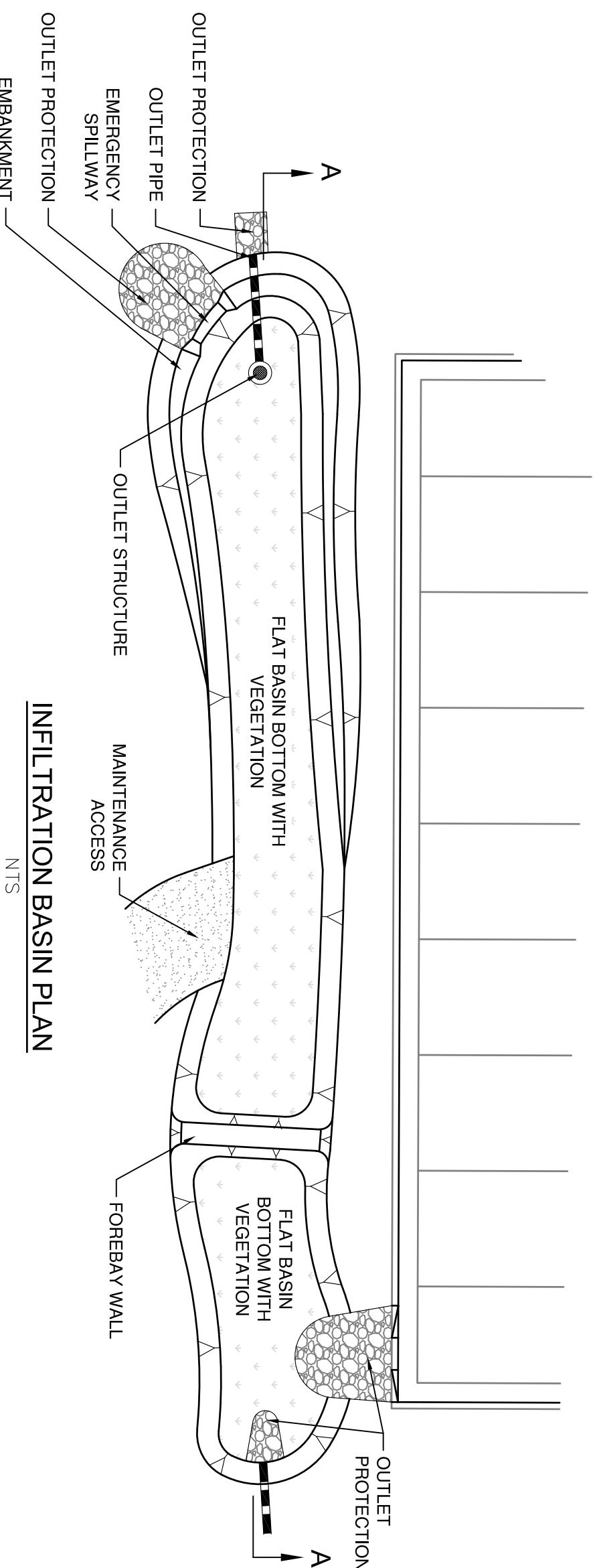


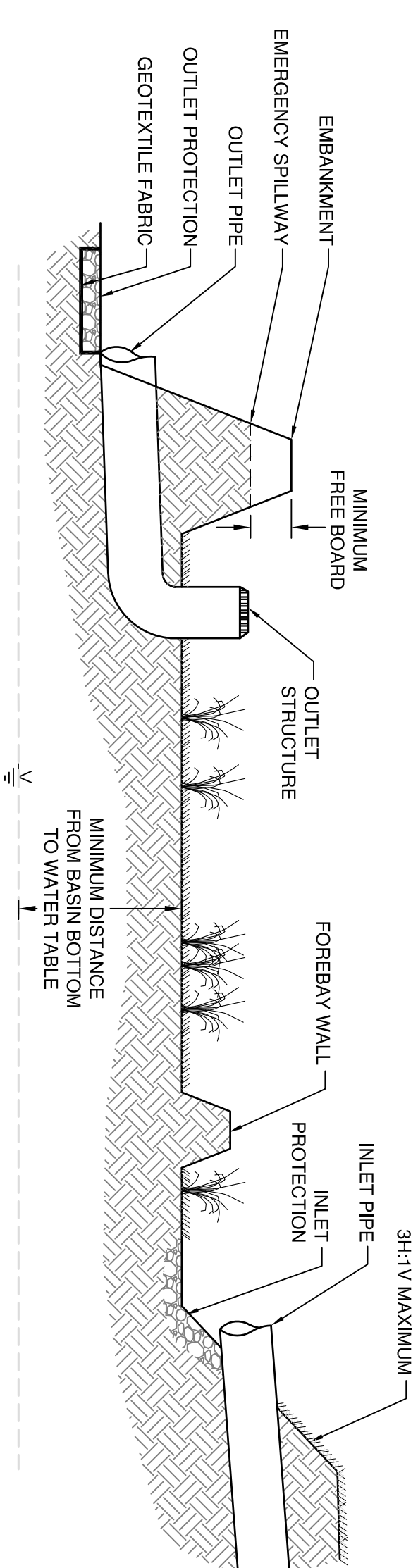
NOTES:

- a. 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.
- b. VERIFICATION SURVEY IS REQUIRED TO CONFIRM SPECIFIED TEMPORARY SURFACE PONDING VOLUME IS PROVIDED.
- c. 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.
- d. SLOTTED OR PERFORATED UNDERDRAIN PIPE MUST BE MORE THAN 5 FEET FROM TREE LOCATIONS (IF SPACE ALLOWS), PLACE PERFORATIONS POINTED DOWN, IF POSSIBLE.
- e. CONSULT WITH A GEOTECHNICAL ENGINEER TO EVALUATE IF AN ENGINEERED BASIN FLOOR IS REQUIRED DUE TO IN-SITU INFILTRATION RATES. IF ENGINEERED BASIN FLOOR IS REQUIRED, THE SOIL MEDIA THICKNESSES, LAYERS, AND SPECIFICATIONS SHALL BE BASED ON DETAILED GEOTECHNICAL REPORT.
- f. IF UNDERDRAIN IS REQUIRED, PROVIDE A CLEAN-OUT/OBSERVATION PORT IN EACH FACILITY.



INFILTRATION BASIN PLAN


NTS



INFILTRATION BASIN SECTION A-A

NTS

LOW IMPACT DEVELOPMENT - DESIGN TEMPLATE

 <p>Dixie Storm Water Coalition St. George, Washington, Ivins, Santa Clara</p>	APPROVED BY: DSWC	<p>INFILTRATION BASIN</p>	<p>STANDARD DETAIL NO. ID-1</p>
	DATE: 06/15/2020		