1. ADDITIONAL DESIGN GUIDANCE PROVIDED IN BIORETENTION FACILITY FIGURE 4.1 & 4.2 OF THE BASMAA POST CONSTRUCTION MANUAL.

2. OVERFLOW STRUCTURE REQUIRED FOR IN-LINE SYSTEMS WITHOUT AN OVERFLOW BYPASS, CITY STD. SWQ-140.

3. PROVIDE SPOT ELEVATIONS AT INLETS ON CIVIL PLANS (FE, OE, GIE, SE). SEE CITY STD. SWQ-121.

4. MAX. LONGITUDINAL SLOPE 6% WITH CHECK DAMS. SEE CITY STD. SWQ-130 AND SWQ-131.

5. EDGE CONDITION WILL VARY FOR NEW/RETROFIT, CITY STD. SWQ-111, SWQ-112 AND SWQ-113

6. IF CALTRANS CLASS 2 PERMEABLE IS NOT AVAILABLE, SUBSTITUTE CLASS 3 PERMEABLE WITH AN OVERLYING 3” DEEP LAYER OF 3/4” (NO. 4) OPEN-GRADED AGGREGATE. (VERIFY WITH CITY OF NAPA CONSTRUCTION DIVISION)

7. BIORETENTION SOIL MEDIA (BSM) SPECIFICATION PER BASMAA POST CONSTRUCTION MANUAL.

8. PLANTING DESIGN AND IRRIGATION PER BASMAA POST CONSTRUCTION MANUAL APPENDIX F PLANT MATRIX.

9. MULCH (OPTIONAL) PER BASMAA POST CONSTRUCTION MANUAL APPENDIX F PLANT MATRIX.

10. LOCATE ENERGY DISSIPATION COBBLE ONLY AS SPECIFIED IN INLET DETAILS - AVOID DECORATIVE USE.

CITY OF NAPA

STREET BIORETENTION FACILITY
(SLOPED SIDED, WITH ON-STREET PARKING, SIDEWALK, WITH UNDERDRAIN)