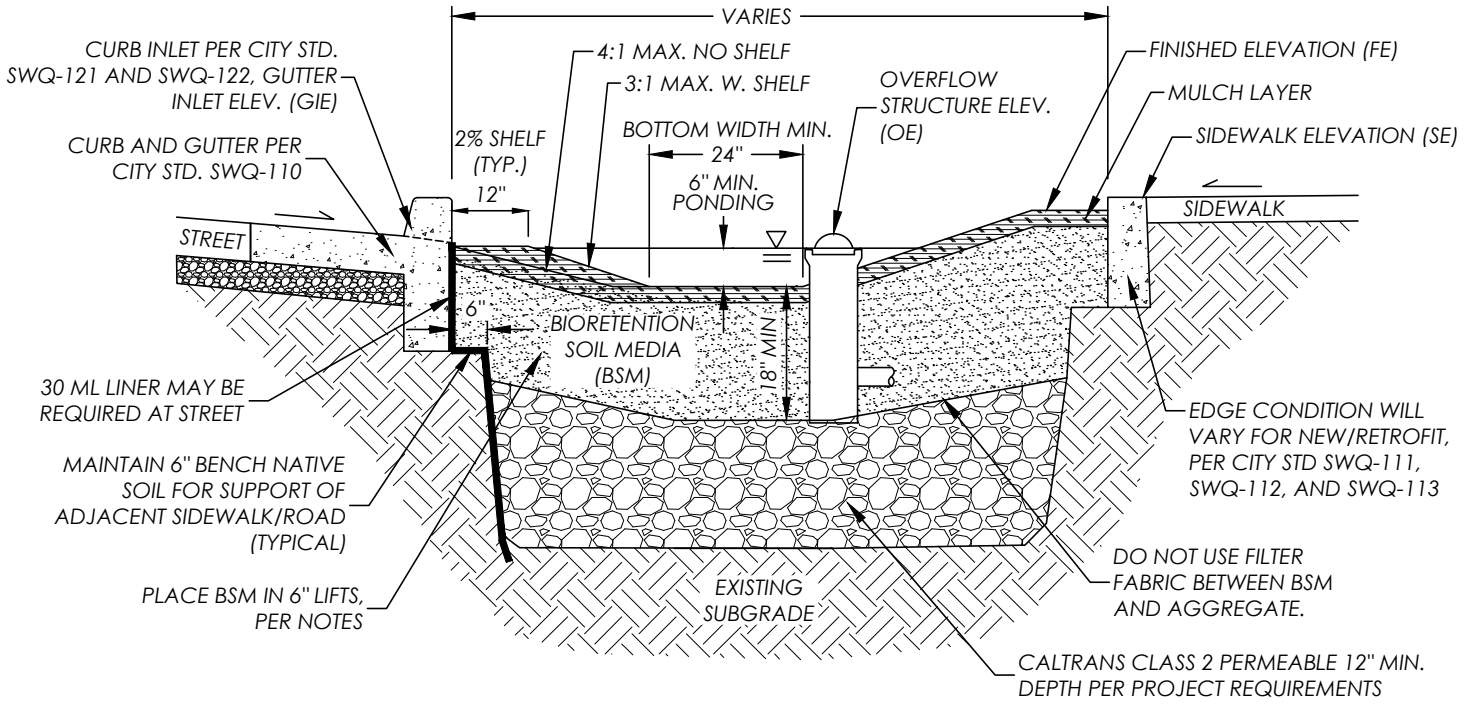

DESIGN NOTES

1. *ADDITIONAL DESIGN GUIDANCE PROVIDED IN BIORETENTION FACILITY FIGURE 4.1 & 4.2 OF BASMAA POST-CONSTRUCTION MANUAL.*
2. *OVERFLOW STRUCTURE REQUIRED FOR IN-LINE SYSTEMS WITHOUT OVERFLOW BYPASS, PER CITY STD. SWQ-140.*
3. *PROVIDE SPOT ELEVATIONS AT INLETS ON CIVIL PLANS (FE, OE, GIE, SE). SEE CITY STD. SWQ-121 AND SWQ-122.*
4. *MAX. LONGITUDINAL SLOPE 6% WITH CHECK DAMS. SEE CITY STD. SWQ-130, SWQ-131.*
5. *EDGE CONDITION WILL VARY FOR NEW AND RETROFIT PROJECTS. CURB AND SIDEWALK DETAILS MAY BE MODIFIED FOR PROJECT BY CIVIL AND GEOTECHNICAL ENGINEERS AND APPROVED BY PUBLIC WORKS DEPARTMENT.*
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.*

CONSTRUCTION NOTES

1. *SCARIFY SUBGRADE BEFORE INSTALLING BIORETENTION AREA AGGREGATE AND BSM.*
2. *FACILITY EXCAVATION TO ALLOW FOR SPECIFIED SOIL AND MULCH DEPTHS TO ACHIEVE FINISHED ELEVATIONS ON CIVIL PLANS.*
3. *COMPACT EACH 6" LIFT OF BSM WITH LANDSCAPE ROLLER OR BY LIGHTLY WETTING. IF WETTING, ALLOW TO DRY OVERNIGHT BEFORE PLANTING.*
4. *DO NOT WORK WITHIN BIORETENTION AREA DURING RAIN OR UNDER WET CONDITIONS.*
5. *KEEP HEAVY MACHINERY OUTSIDE BIORETENTION AREA LIMITS.*

CITY OF NAPA *PUBLIC WORKS DEPARTMENT*

STREET BIORETENTION FACILITY

(SLOPED SIDED, NO ON-STREET PARKING, SIDEWALK, WITHOUT UNDERDRAIN)

DRAWN BY:	*LFM*	*CHECKED BY:*	*TCW*
DATE:	*06/2018*	*APPROVED BY:*	*JRL*
SCALE:	*NONE*	*DRAWING NO.*	*SWQ-102*
FIELD NOTES:			

G:\Pubwks\STORMWATER PROGRAM\E.12 Post Construction Stormwater Management Program\E.12.a-f_Site Design Measures\Post-Construction Standards\AutoCad Drawings\SWQ-102 - St Bio Sloped no park.dwg