**NOTES:**

1. SUITABLE FOR STREET LONGITUDINAL SLOPE OF LESS THAN 6%.
2. PLANTER BOTTOM SLOPE: 0% FOR BIORETENTION, 1.5% FOR BIOFILTRATION OR DETERMINED BY ENGINEER.
3. SIDEWALK ELEVATION MUST BE SET ABOVE INLET AND OUTLET ELEVATIONS TO ALLOW OVERFLOW TO DRAIN TO STREET.
4. LENGTH (L) AND WIDTH (W) DETERMINED BY ENGINEER.
5. WHERE FEASIBLE WIDTH OF STORMWATER FACILITY MAY EXTEND INTO EXISTING PLANTING STRIP, IN WHICH CASE, EXISTING CURB WOULD BE REMOVED.

**APPLICATION OF THESE DETAILS REQUIRE APPROVAL FROM SDOT AND SPU.**
NOTES:

1. STREAMBED COBBLE FOREBAY FOR USE WITH STORMWATER CURB EXTENSIONS ONLY.

2. TO PREVENT PONDING, POSITION INLET CLOSER TO EXISTING CURB IF THE STREET CROSS-SLOPE IS >2%. ADDITIONAL INLETS CAN BE ADDED IF NECESSARY (PREFERABLY IMMEDIATELY DOWNSTREAM OF EACH CHECK DAM TO MINIMIZE POTENTIAL BACKFLOW). ADDITIONAL INLETS ARE NOT RECOMMENDED FOR STREETS SLOPED<1%.

APPLICATION OF THESE DETAILS REQUIRE APPROVAL FROM SDOT AND SPU.

Figure 6-21A

Natural Drainage System Detail
Curb Extension
Inlet / Outlet Details

July 2008
SECTION A-A 6-21

NOTE:
* IF STORMWATER CURB EXTENSION IS CONSTRUCTED NEXT TO AN EXISTING SIDEWALK, SOIL ELEVATION MUST BE BROUGHT TO TOP OF CURB AND SLOPE AWAY FROM CURB AT A 4:1 MAX SLOPE.

SECTION B-B 6-21

6” CURB COS STD PLAN 410
BIORETENTION SOIL, LANDSCAPE MIX

EROSION CONTROL BLANKET OR STREAMBED GRAVEL (2’-4’)
NON-PERMISSIVE MATERIAL

BEG. STREET GRADE

S = 0%

APPLICATION OF THESE DETAILS REQUIRE APPROVAL FROM SDOT AND SPU.

NATURAL DRAINAGE SYSTEM DETAIL
CURB EXTENSION SECTIONS

FIGURE
6-21B