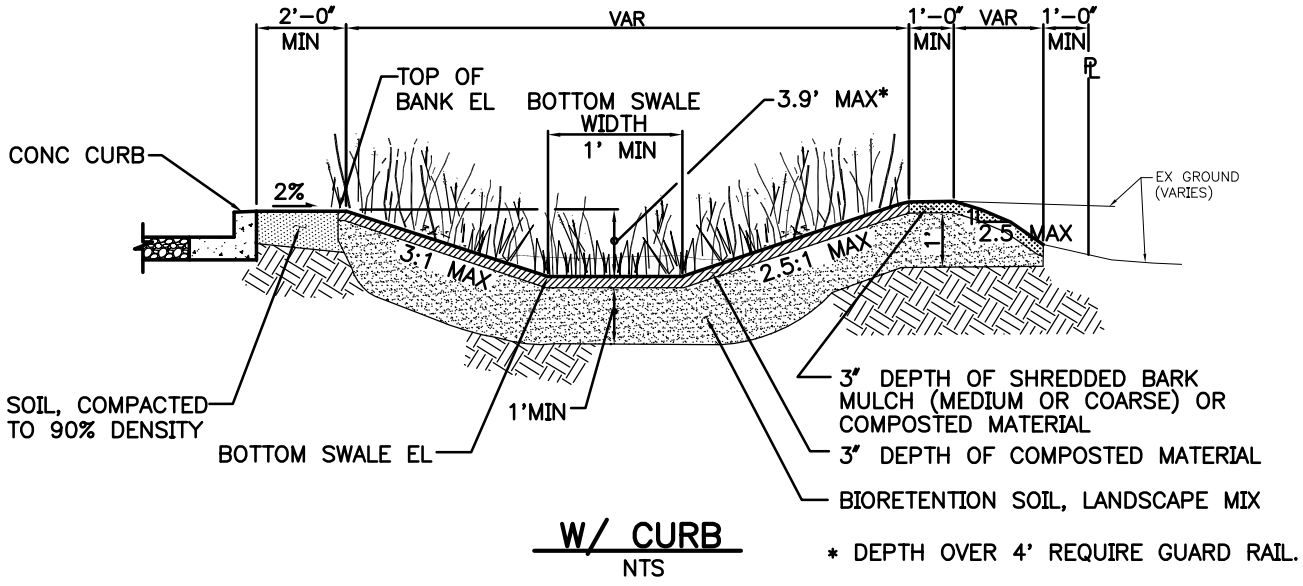
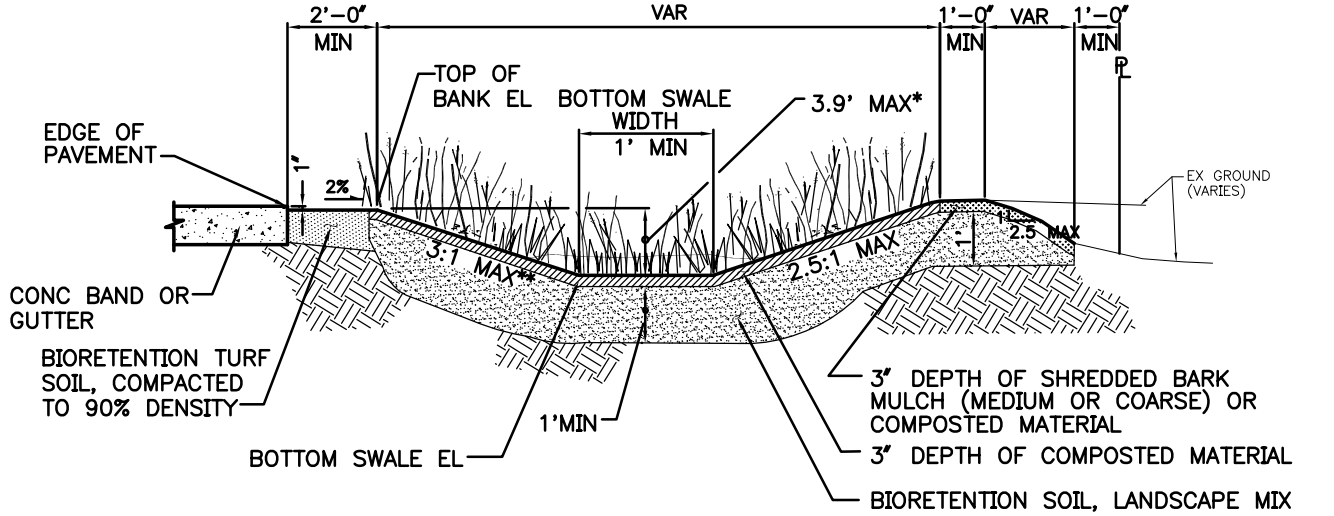


W/ CURB
NTS

* DEPTH OVER 4' REQUIRE GUARD RAIL.



W/O CURB
NTS

* DEPTH OVER 4' REQUIRE GUARD RAIL.

** 4:1 MAX WHEN WITHIN 50-FEET FROM INTERSECTIONS

APPLICATION OF THESE DETAILS REQUIRE APPROVAL FROM SDOT AND SPU.

SEATTLE RIGHT-OF-WAY manual

NATURAL DRAINAGE SYSTEM DETAIL

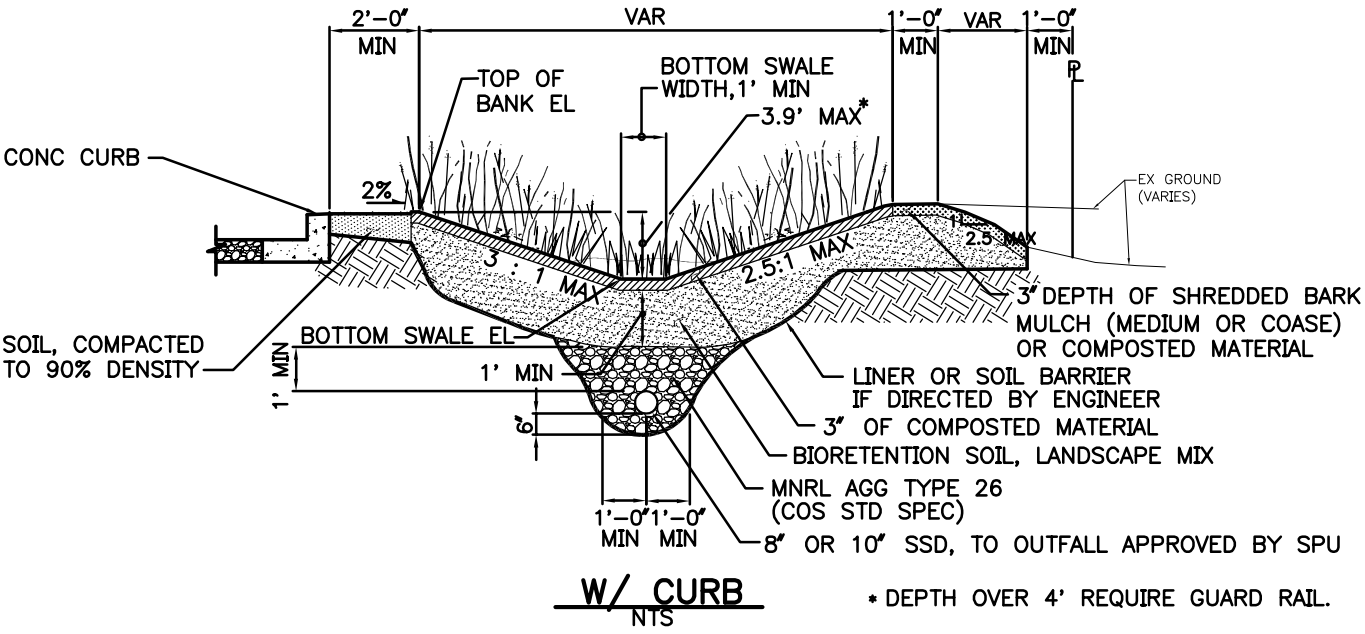
BIORETENTION SWALE

FIGURE

6-15

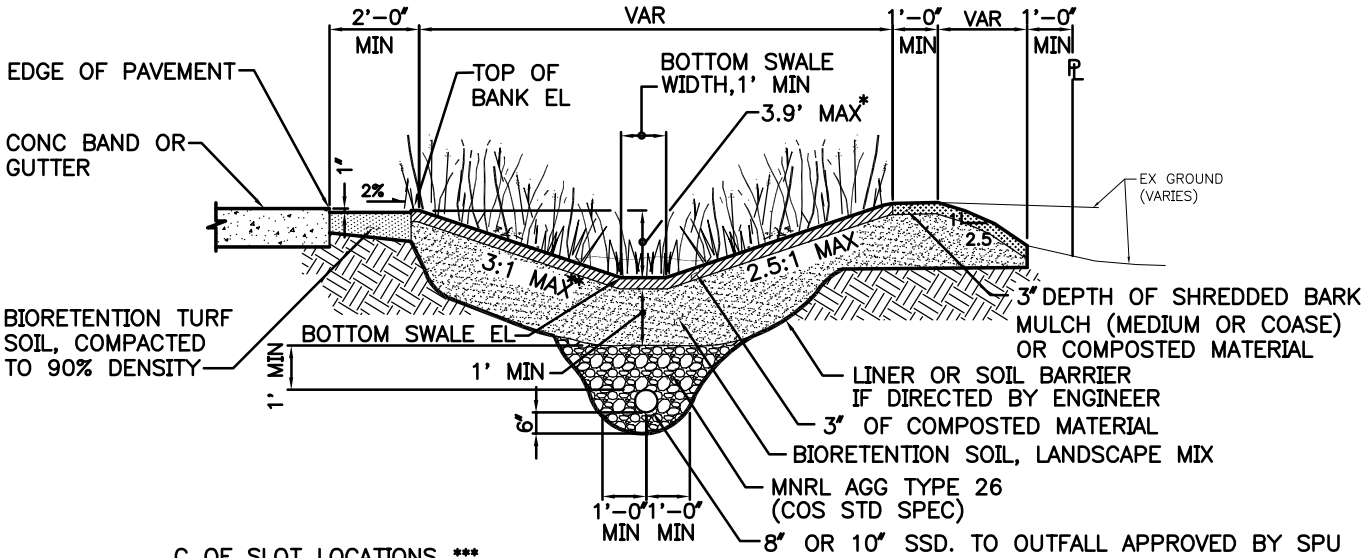
JULY 2008

P:\Utility\C333206_Std_Details\Plot Files\15 C333206_P15.dwg



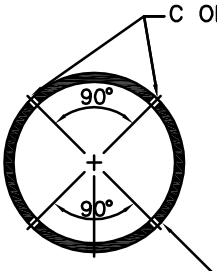
W/ CURB
NTS

* DEPTH OVER 4' REQUIRE GUARD RAIL.



W/O CURB
NTS

* DEPTH OVER 4' REQUIRE GUARD RAIL.
** 4:1 MAX WHEN WITHIN 50-FEET FROM INTERSECTIONS



***SLOTS ARE TO BE 0.069" WIDE (ON 45° CENTERS) BY 1.0" LONG AND SPACED 0.125" APART.

SSD SLOT DETAIL
NTS

APPLICATION OF THESE DETAILS REQUIRE APPROVAL FROM SDOT AND SPU.

SEATTLE RIGHT-OF-WAY manual

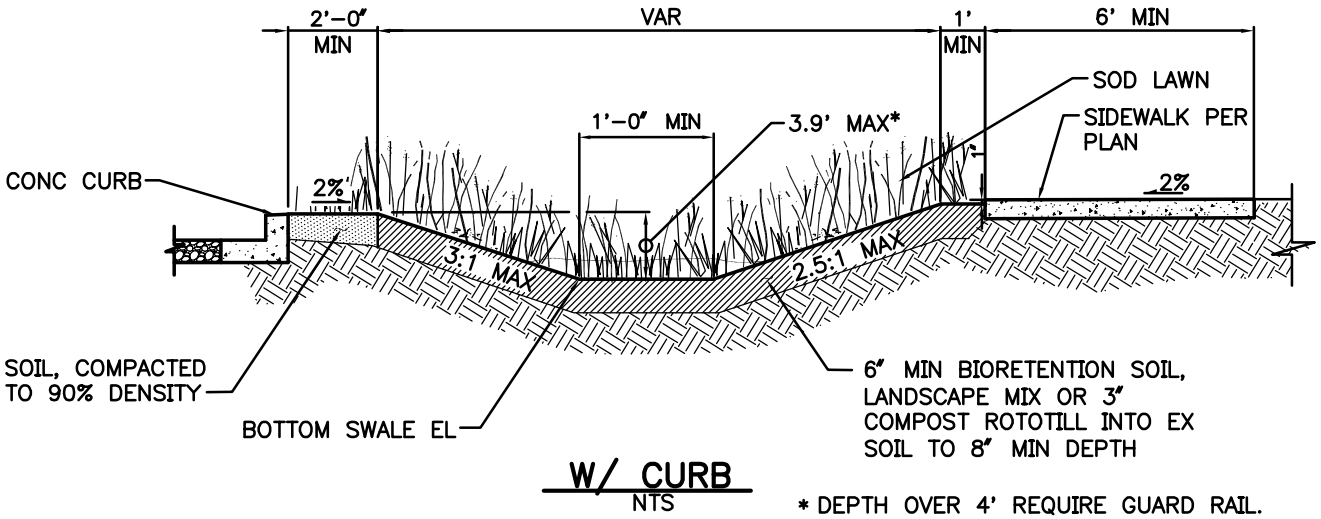
NATURAL DRAINAGE SYSTEM DETAIL

BIORETENTION SWALE W/UNDER DRAIN

FIGURE 6-16

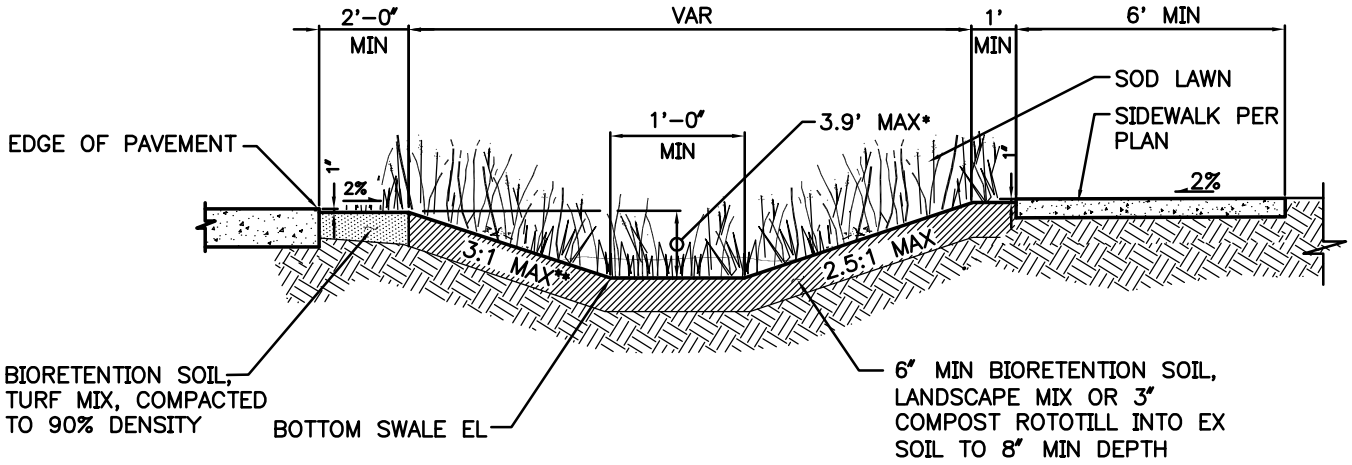
JULY 2008

P:\Utility\C333206_Std_Details\Plot Files\16 C333206_P16.dwg



W/ CURB
NTS

* DEPTH OVER 4' REQUIRE GUARD RAIL.



W/O CURB
NTS

* DEPTH OVER 4' REQUIRE GUARD RAIL.
** 4:1 MAX WHEN WITHIN 50-FEET FROM INTERSECTIONS

APPLICATION OF THESE DETAILS REQUIRE APPROVAL FROM SDOT AND SPU.

SEATTLE RIGHT-OF-WAY manual

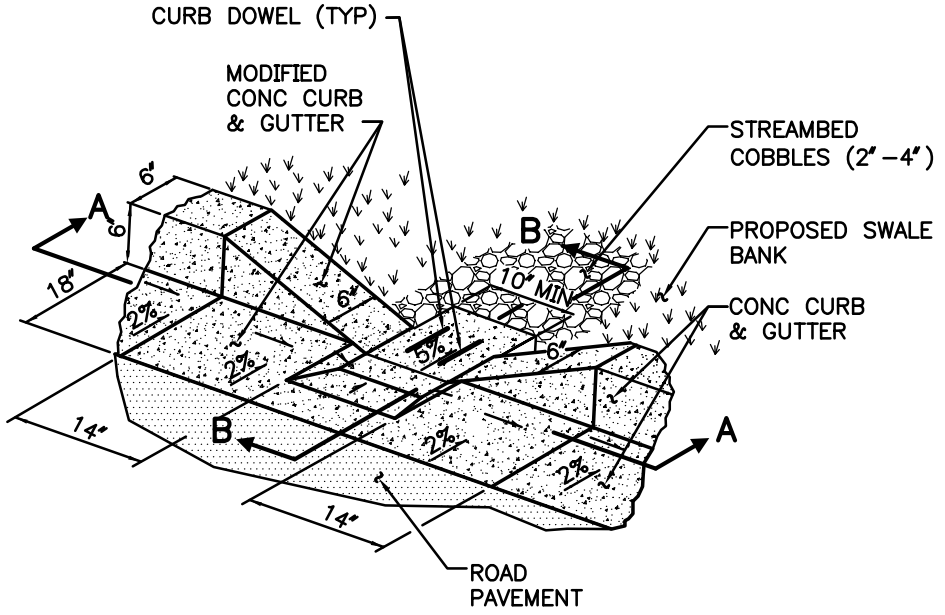
NATURAL DRAINAGE SYSTEM DETAIL

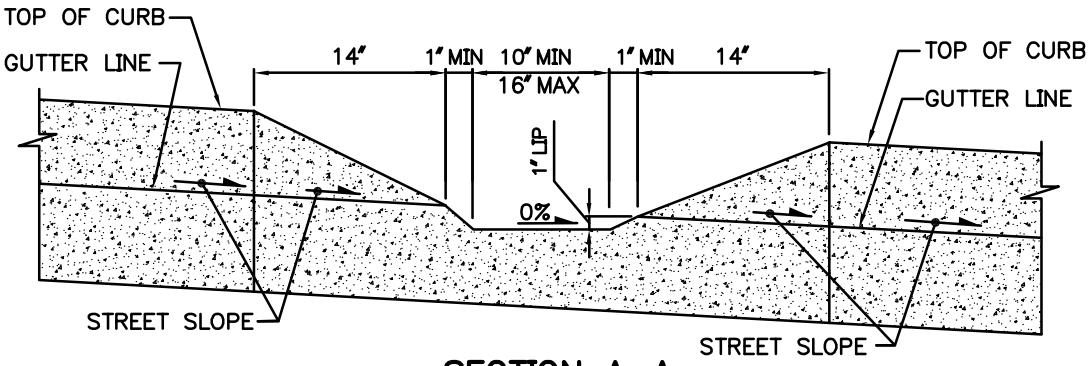
CONVEYANCE SWALE

FIGURE 6-17

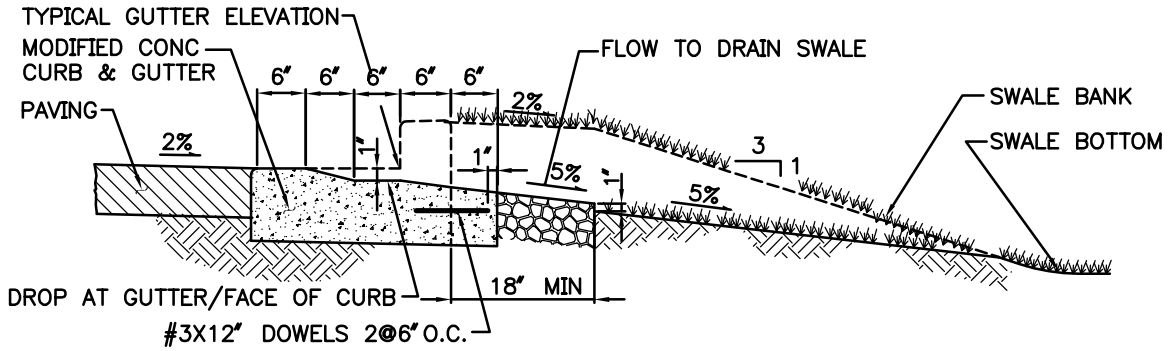
JULY 2008

P:\Utility\C333206_Std_Details\Plot Files\17 C333206_P17.dwg





SECTION A–A
NTS



SECTION B–B
NTS

APPLICATION OF THESE DETAILS REQUIRE APPROVAL FROM SDOT AND SPU.

SEATTLE RIGHT-OF-WAY manual

NATURAL DRAINAGE SYSTEM DETAIL

CURB DRAIN CUT OPENING FOR SWALE

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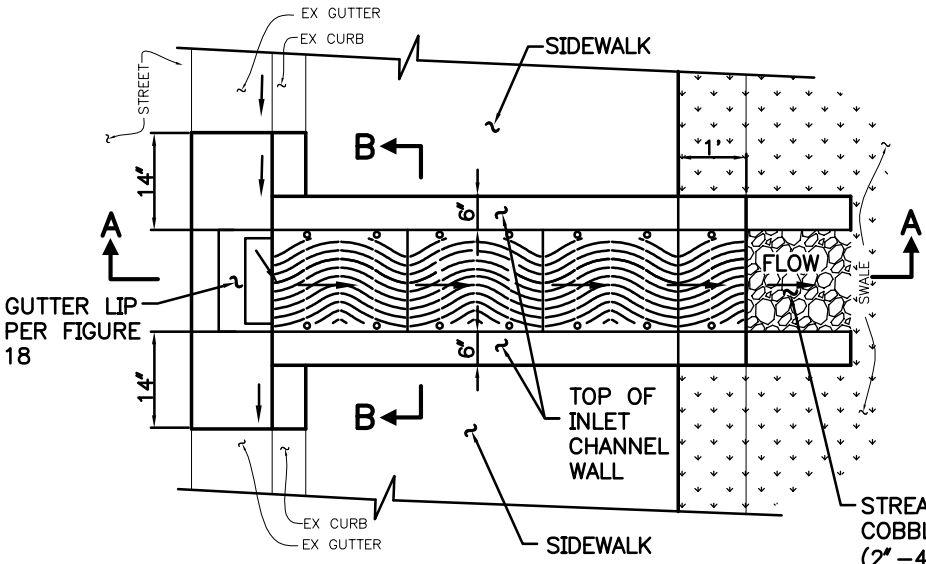
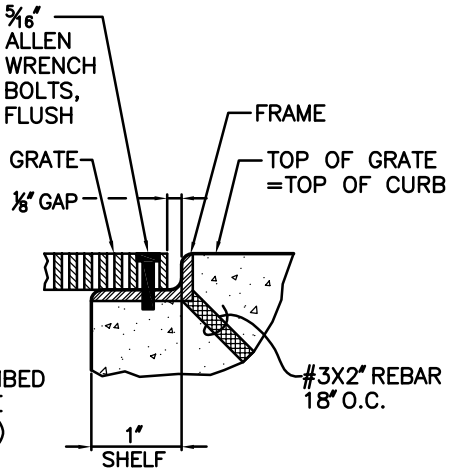
FIGURE

6–18

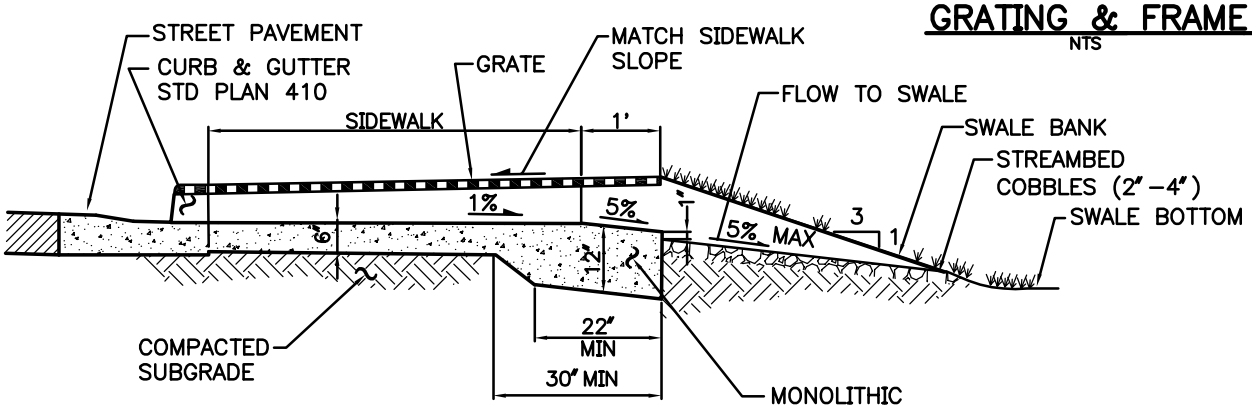
P:\Utility\C333206_Std_Details\Plot Files\18 C333206_P18.dwg



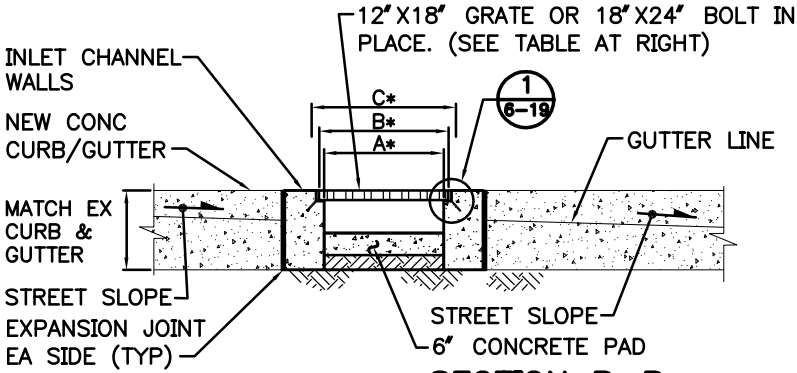
PLAN
NTS



GRATING & FRAME 1 6–19
NTS



SECTION A–A
NTS



SECTION B–B
NTS

*TRENCH GRATING

A* TRENCH WIDTH	B* GRATE WIDTH	C* FRAME WIDTH
10"	11 7/8"	12 1/8"
16"	17 7/8"	18 1/8"

NOTE: MAXIMUM GRATE HOLE WIDTH (OPEN) 1/4".GRATE SIZE 12"X18" OR 18"X24". CAST IRON URBAN ACCESSORIES TRENCH GRATE AND FRAME. TITLE WAVE MODEL OR EQUAL.

APPLICATION OF THESE DETAILS REQUIRE APPROVAL FROM SDOT AND SPU.

SEATTLE RIGHT-OF-WAY manual

NATURAL DRAINAGE SYSTEM DETAIL

CONCRETE INLET, CHANNEL & GRATE

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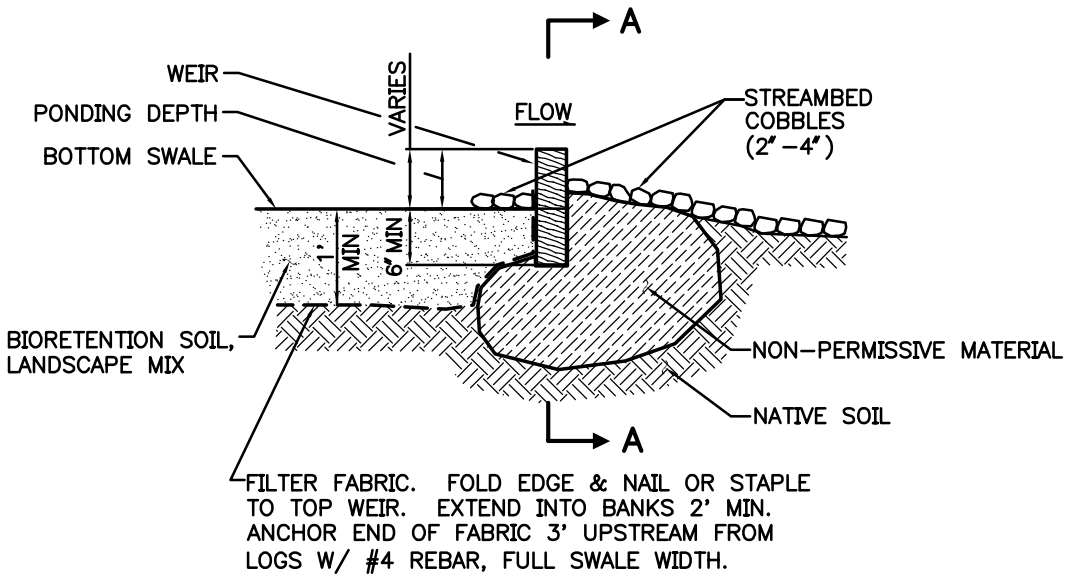
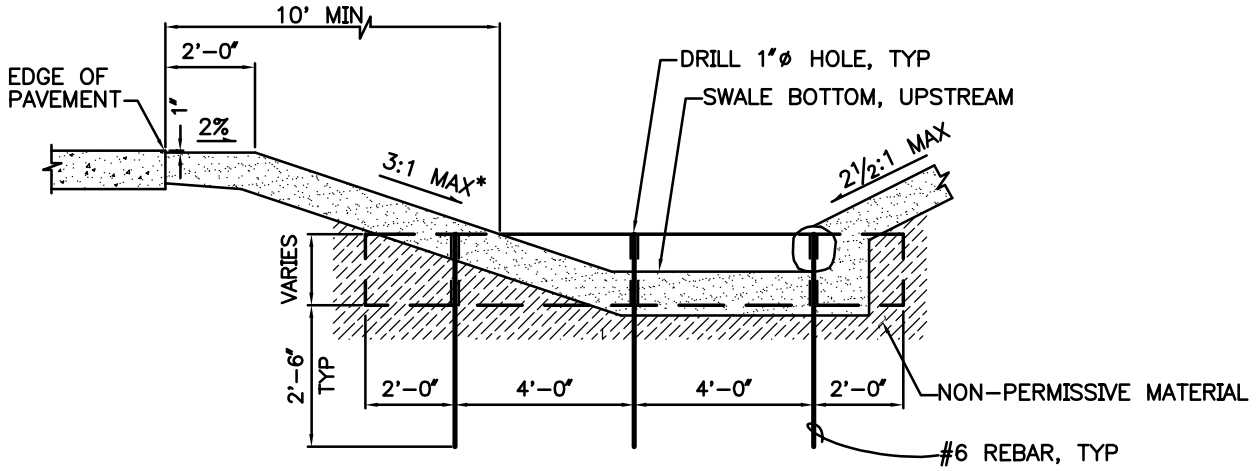
FIGURE

6–19

P:\Utility\C333206_Std_Details\Plot Files\19 C333206_P19.dwg





SECTION A–A
NTS

* 4:1 MAX WHEN WITHIN 50–FEET FROM INTERSECTIONS

APPLICATION OF THESE DETAILS REQUIRE APPROVAL FROM SDOT AND SPU.

SEATTLE RIGHT-OF-WAY manual

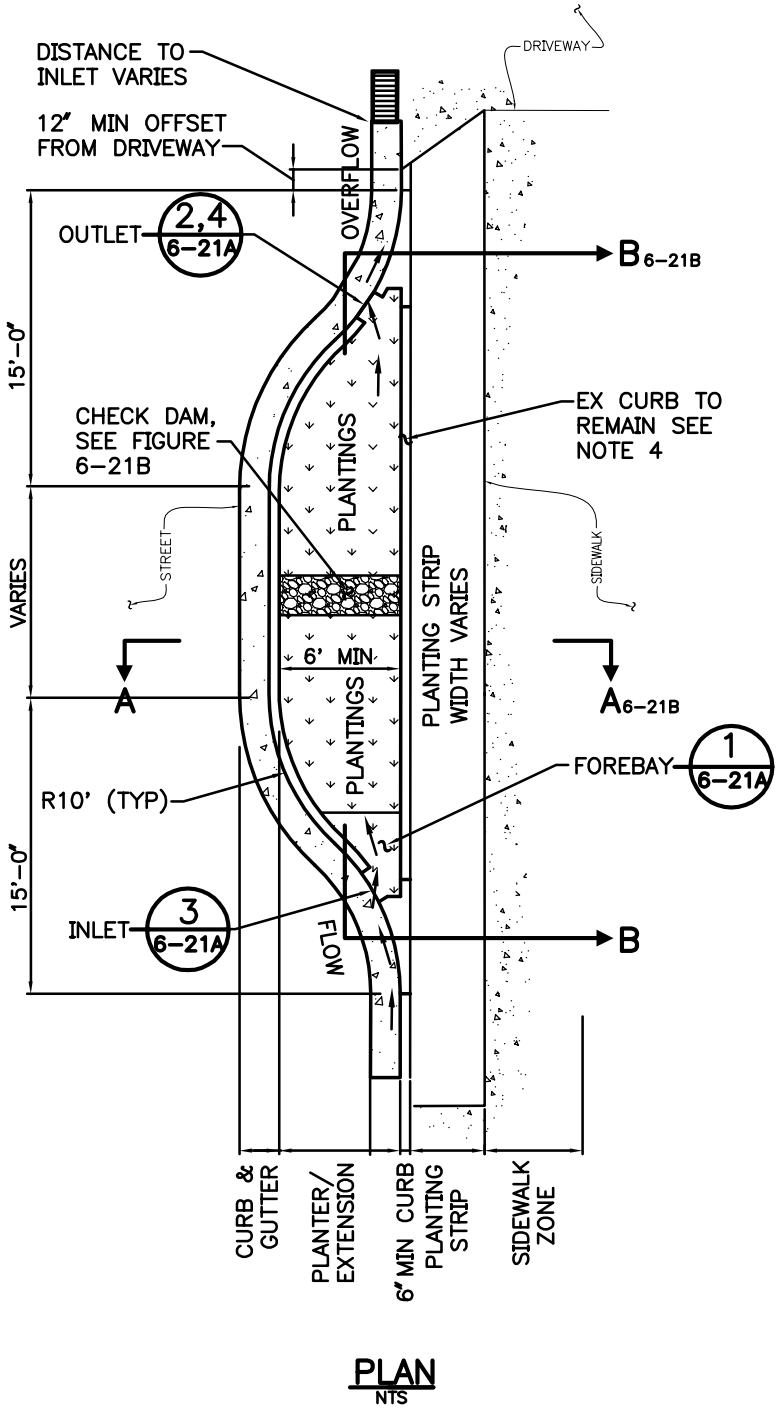
NATURAL DRAINAGE SYSTEM DETAIL

LOG WEIR

FIGURE 6–20

JULY 2008

P:\Utility\C333206_Std_Details\Plot Files\20 C333206_P20.dwg



PLAN
NTS

NOTES:

1. SUITABLE FOR STREET LONGITUDINAL SLOPE OF 0~5% ONLY.
2. PLANTER BOTTOM SLOPE IS 0%. USE CHECK DAM AS NEEDED.
3. SIDEWALK ELEVATION MUST BE SET ABOVE INLET AND OUTLET ELEVATIONS TO ALLOW OVERFLOW TO DRAIN TO STREET.
4. CURB & GUTTER PER COS STD PLAN 410B, SIDEWALK PER STD 420.
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.

SEATTLE RIGHT-OF-WAY manual

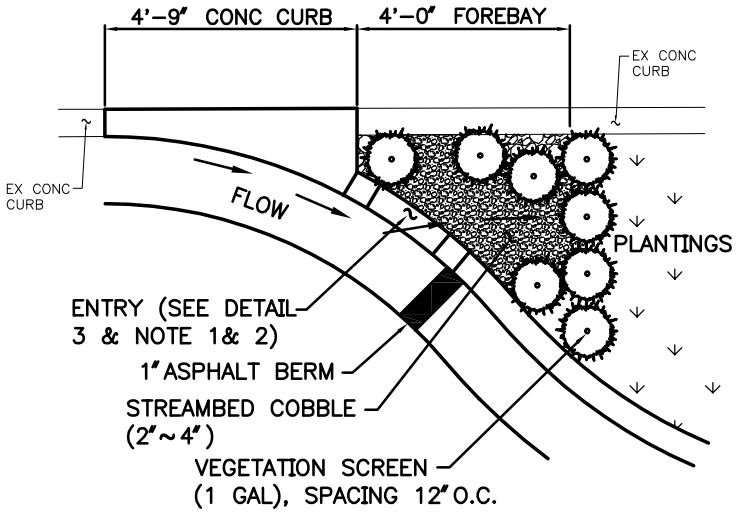
NATURAL DRAINAGE SYSTEM DETAIL

CURB EXTENSION

FIGURE 6-21

JULY 2008

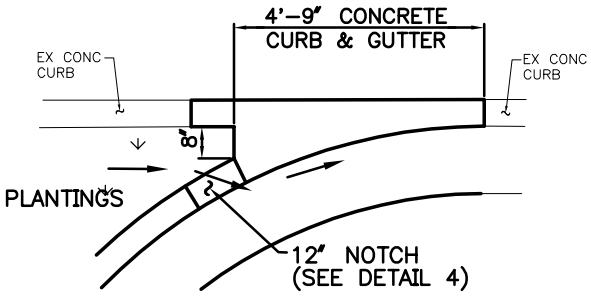
P:\Utility\C333206_Std_Details\Plot Files\21 C333206_P021.dwg



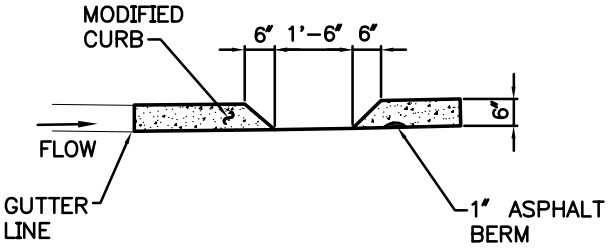
PEA GRAVEL FOREBAY NTS 1 6–21A

NOTES:

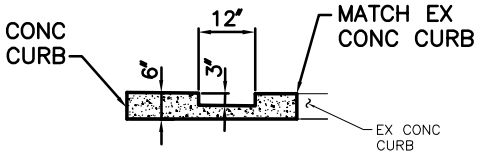
1. STREAMBED COBBLE FOREBAY FOR USE WITH STORMWATER CURB EXTENSIONS ONLY.
2. TO PREVENT PONDING, POSITION INLET CLOSER TO EXISTING CURB IF THE STREET CROSS–SLOPE IS >2%. ADDITIONAL INLETS CAN BE ADDED IF NECESSARY (PREFERABLY IMMEDIATELY DOWNSTREAM OF EACH CHECK DAM TO MINIMIZE POTENTIAL BACKFLOW). ADDITIONAL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



OUTLET CURB NTS 2 6–21A



INLET NTS 3 6–21A



OUTLET NTS 4 6–21A

APPLICATION OF THESE DETAILS REQUIRE APPROVAL FROM SDOT AND SPU.

SEATTLE RIGHT-OF-WAY manual

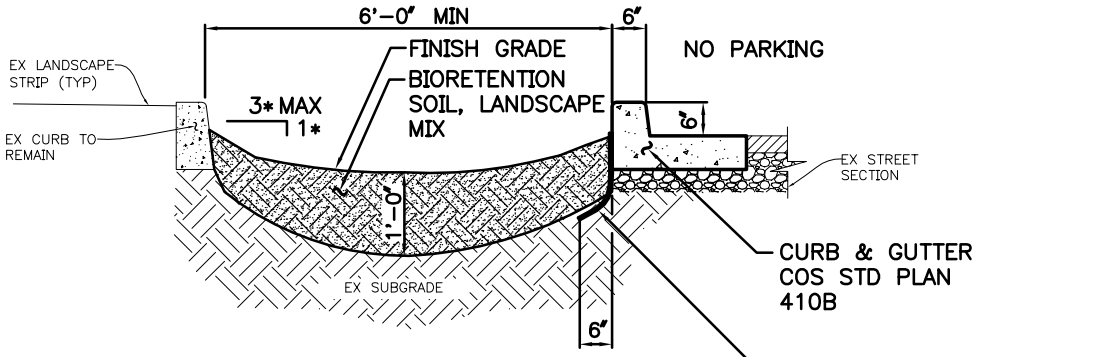
NATURAL DRAINAGE SYSTEM DETAIL

CURB EXTENSION INLET / OUTLET DETAILS

JULY 2008

FIGURE 6–21A

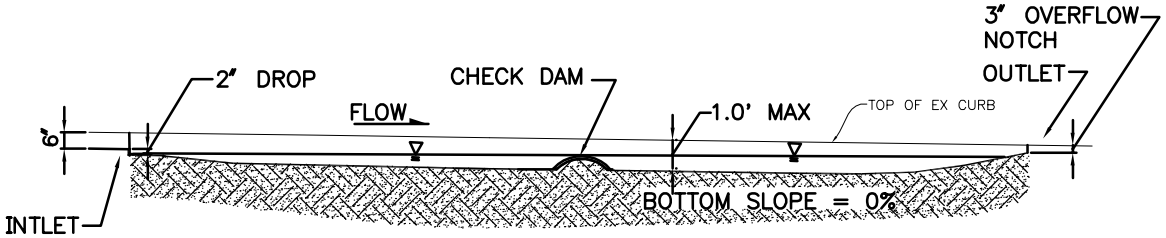
P:\Utility\C333206_Std_Details\Plot Files\21A C333206_P21A.dwg



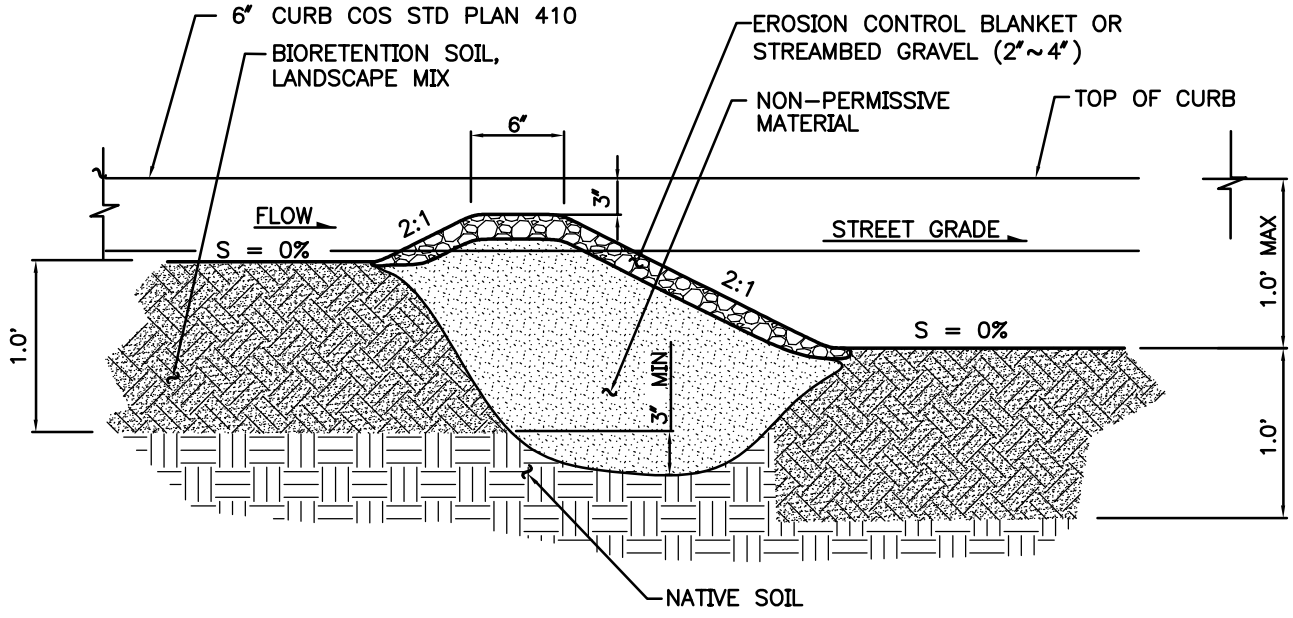
SECTION A–A 6–21
NTS

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
NTS



CHECK DAM DETAIL
NTS

APPLICATION OF THESE DETAILS REQUIRE APPROVAL FROM SDOT AND SPU.

SEATTLE RIGHT-OF-WAY manual

NATURAL DRAINAGE SYSTEM DETAIL

CURB EXTENSION SECTIONS

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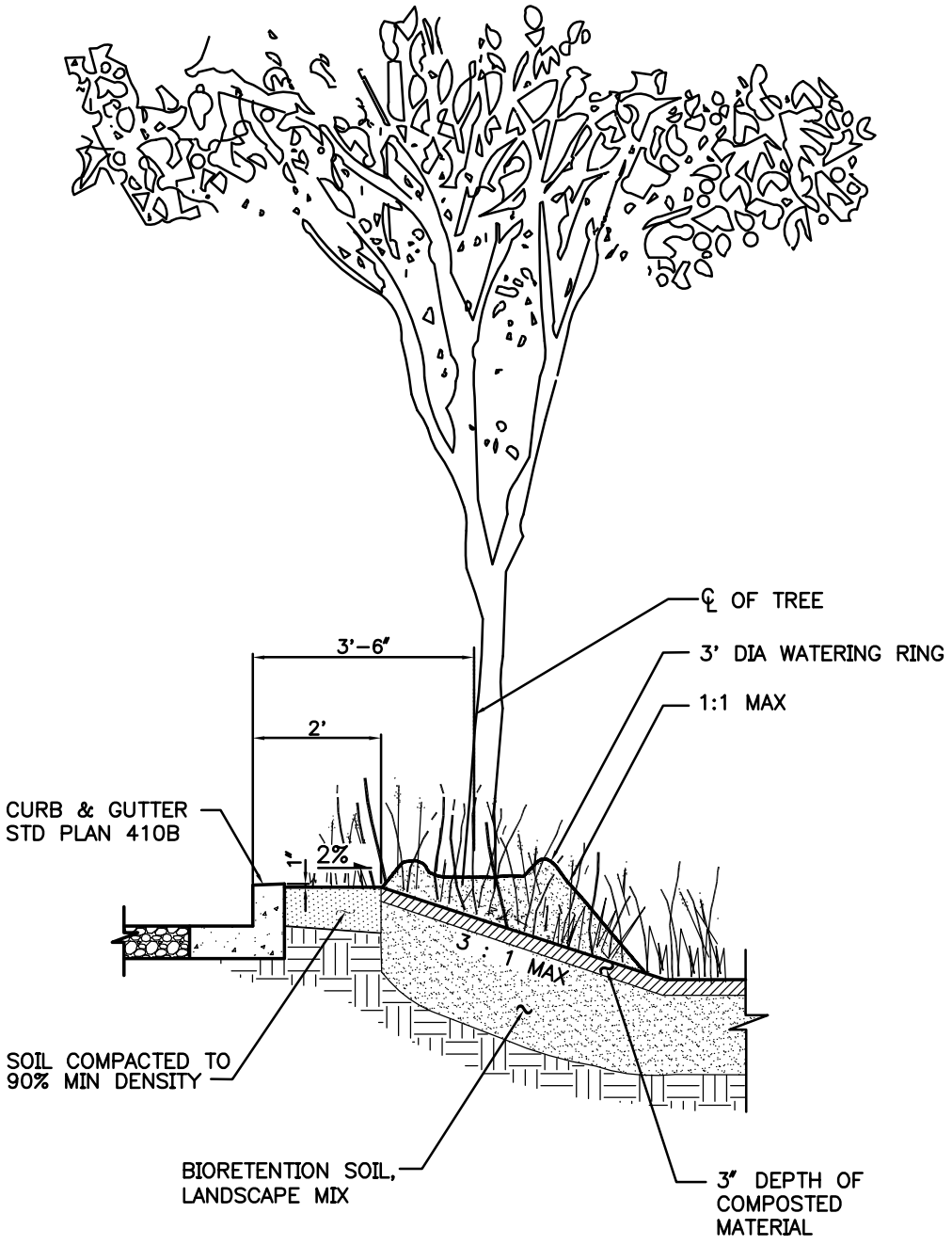
FIGURE

6–21B

P:\Utility\C333206_Std_Details\Plot Files\21B C333206_P21B.dwg



APPLICATION OF THESE DETAILS REQUIRE APPROVAL FROM SDOT AND SPU.

SEATTLE RIGHT-OF-WAY manual

NATURAL DRAINAGE SYSTEM DETAIL

TREE PLANTING WITHIN BIORETENTION SWALE

JULY 2008

FIGURE

6-22

P:\Utility\C333206_Std_Details\Plot Files\22 C333206_P22.dwg