

CONSTRUCTION NOTES

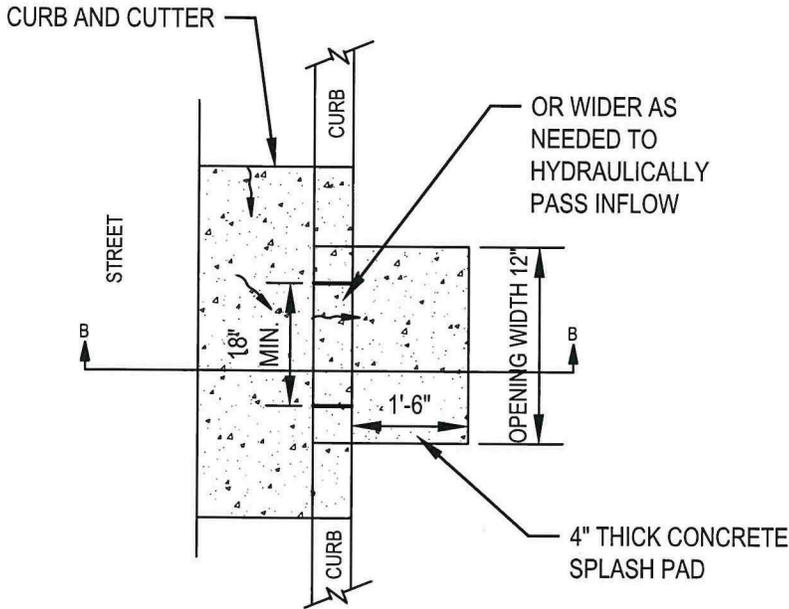
1. MAINTAIN UNDISTURBED NATIVE SOIL BENCH TO SUPPORT ADJACENT ROAD. SEQUENCE WORK TO CONSTRUCT CURBS BEFORE EXCAVATING BIORETENTION AREA FOR AGGREGATE AND BIOTIC SOIL MEDIA.
2. SCARIFY SUBGRADE BEFORE INSTALLING BIORETENTION AREA AGGREGATE AND BIOTIC SOIL MEDIA.
3. PLACE SOIL MEDIA IN 6" LIFTS. COMPACT EACH LIFT OF SOIL MEDIA WITH LANDSCAPE ROLLER OR BY LIGHTLY WETTING. IF WETTING, LET DRY OVERNIGHT BEFORE PLANTING.
4. THICKEN CONCRETE STRIP TO MEET SPLASH PAD AT CURB CUT INLETS.
5. KEEP HEAVY MACHINERY OUTSIDE BIORETENTION AREA LIMITS.
6. STORM WATER SHOULD BE DIRECTED AWAY FROM BIORETENTION UNTIL CONSTRUCTION IS COMPLETE AND DRAINAGE AREA VEGETATION IS STABILIZED.

DESIGN NOTES

1. SOIL MEDIA PER SPECIFICATIONS PROVIDED IN THE LA COUNTY DEPARTMENT OF PUBLIC WORKS LOW IMPACT DEVELOPMENT STANDARDS MANUAL FEB. 2014 BIO-01 BIOFILTRATION FACT SHEET.
2. BIORETENTION FACILITY DESIGN SHOULD OPTIMIZE THE FLAT BOTTOM DIMENSION (I.E., WIDTH, LENGTH) TO MAXIMIZE THE FUNCTIONAL AREA OF THE FACILITY.
3. CAPTURE AND CONVEY OVERFLOW TO STORM DRAIN SYSTEM (DETAIL SW-22, SW-23). ALTERNATIVELY, CONVEY OVERFLOW TO APPROVED DISCHARGE LOCATION THROUGH OTHER OVERLAND METHODS (I.E. CURB CUTS, SIDEWALK UNDERDRAIN, WEIR, ETC.).
4. PONDING DEPTH IS MEASURED FROM TOP OF MULCH LAYER TO GUTTER FLOW LINE AT FACE OF CURB.
5. DUE TO SITE VARIABILITY, TO ENSURE THE LONG-TERM STRUCTURAL STABILITY OF THE BIORETENTION FACILITY AND ANY ADJACENT INFRASTRUCTURE CONSULT WITH A GEOTECHNICAL ENGINEER.
6. A VERTICAL LINER MAY BE USED FOR BIORETENTION FACILITIES TO PREVENT LATERAL FLOW AND TO SEPARATE THE NATIVE SOIL FROM THE BIOTIC SOIL MEDIA AND THE AGGREGATE, HOWEVER A HORIZONTAL LINER SHALL NOT BE USED.
7. PROVIDE A CLEANOUT FOR FACILITIES CONSTRUCTED WITH UNDERDRAIN.

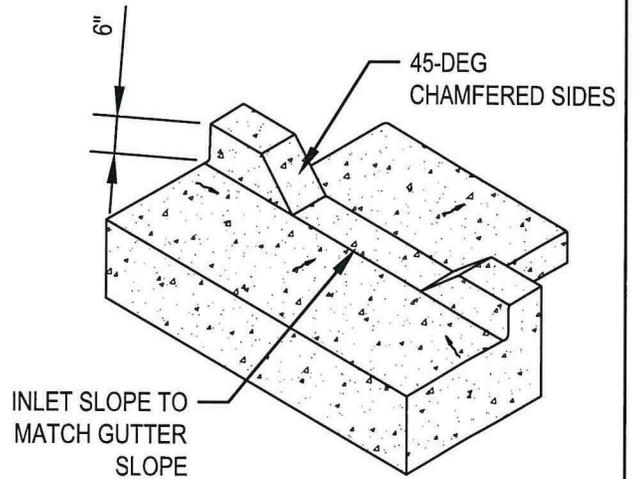
CITY OF CARSON

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| REVISIONS | DATE | MEDIAN BIORETENTION WITH CURB CUT | DRAWN BY: |
| | | | |
| DATE APPROVED: 8/29/22 | | RECOMMENDED: | APPROVED: |
| SHEET 1 OF 2 | | CITY ENGINEER | DIRECTOR OF PUBLIC WORKS |
| NO. 704 | | | |



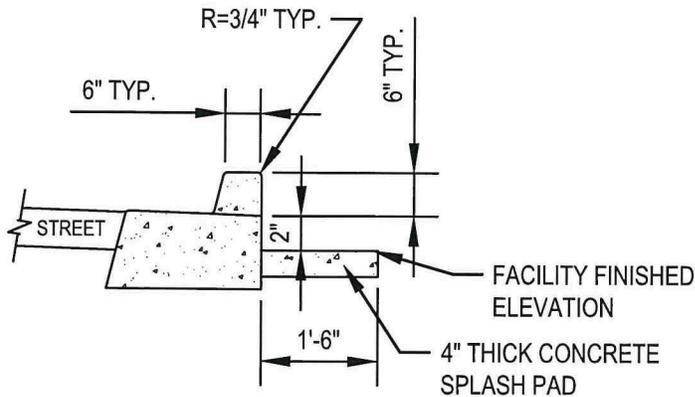
PLAN

NTS



PERSPECTIVE VIEW

NTS



SECTION B

NTS

BIORETENTION DESIGN NOTES

1. CURB AND WALL DETAILS MAY BE MODIFIED BY CIVIL AND GEOTECHNICAL ENGINEERS SUBJECT TO APPROVAL BY CITY ENGINEER.

CONSTRUCTION NOTES

1. AFTER CONSTRUCTION PLACE SAND BAGS AT GUTTER OPENINGS TO KEEP STORM FLOWS FROM ENTERING FACILITY UNTIL VEGETATION IS ESTABLISHED.

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