NOTES:
1. DEPTH OF AGGREGATE DISCHARGE SUBBASE SHALL BE DETERMINED BY ENGINEER IF USED AS FACILITY (SEE 6.4.2 OF STORMWATER MANUAL, VOLUME 3). WHERE POROUS SIDEWALK IS WITHIN THE CRITICAL ROOT ZONE OF TREES THAT ARE REQUIRED TO BE SAVED, REDUCE AGGREGATE DISCHARGE SUBBASE TO 2”.
2. DEPTHS SHOWN FOR PAVEMENT SECTIONS ARE COMPACTED DEPTHS.
3. SIDEWALK DEPTH AT DRIVEWAY TO MATCH DRIVEWAY PAVEMENT DEPTH.
4. DEPTH OF AGGREGATE SHALL BE 6” MIN. IF USED AS FACILITY ADDITIONAL DEPTH SHALL BE DESIGNED BY ENGINEER.
5. PERMEABLE PAVEMENT DRIVEWAYS ARE ALLOWED IN RESIDENTIAL STREETS ONLY. DEPTH OF POROUS CEMENT CONCRETE FOR DRIVEWAYS SHALL BE 8” MIN.

SECTION A – PERMEABLE PAVEMENT SECTION

SECTION B – SIDEWALK DEPTH TRANSITION AT DRIVEWAYS

APPLICATION OF THESE DETAILS REQUIRE APPROVAL FROM SDOT AND SPU.
APPLICATION OF THESE DETAILS REQUIRE APPROVAL FROM SDOT AND SPU.

PERMEABLE PAVEMENT SIDEWALK ADJACENT TO CURB

NOTE: PERMEABLE PAVEMENT FACILITIES ARE FOR LONGITUDINAL SLOPE OF 0 ~ 5% ONLY. TO MAXIMIZE THE PONDING CAPACITY USE OF CHECK DAM OR OTHER METHOD ARE RECOMMENDED. (SEE FIGURE 25 FOR DETAIL).

APPLICATION OF THESE DETAILS REQUIRE APPROVAL FROM SDOT AND SPU.

PERMEABLE PAVEMENT SIDEWALK ADJACENT TO SWALE OR DITCH

FIGURE 6-24
APPLICATION OF THESE DETAILS REQUIRE APPROVAL FROM SDOT AND SPU.

INTERCEPTOR INFILTRATION TRENCH

CHECK DAM

NATURAL DRAINAGE SYSTEM DETAIL
PERMEABLE PAVEMENT FACILITY, SIDEWALK
CHECK DAM, INTERCEPTOR

FIGURE 6-25
APPLICATION OF THESE DETAILS REQUIRE APPROVAL FROM SDOT AND SPU.

PLAN

SIDEWALK PER COS STD 420
TREE PIT PER COS STD 100A
PERMEABLE PAVEMENT FACILITY

FLOW

PARKING LANE
CURB & GUTTER
STD PLAN 410B

TO OUTFALL
APPROVED BY SPU

CURB & GUTTER

PERMEABLE PAVEMENT, USE
POROUS CEMENT CONC SIDEWALK
PER FIG. 23 OR OTHER PERMEABLE
MATERIAL AS APPROVED BY SPU

CONC SIDEWALK

2% 2%

GEOTEXTILE
(SEE FIG. 23)

SECTION A–A

NOTE 1: 6" MIN DEPTH IN THE TREE PIT
APPLIES TO POROUS CEMENT CONC
SIDEWALK ONLY. IF OTHER PERMEABLE
PAVER MATERIAL WERE USED NO MIN
DISTANCE REQUIRED.

PERMEABLE PAVEMENT

STREET TREE

5% MAX

PERMEABLE PAVEMENT

1" MIN

PERMEABLE PAVEMENT

GEOTEXTILE
(SEE FIG. 23)

DAM
NON-PERMISSIVE
MATERIAL, DEPTH
AND DIMENSIONS
PER DESIGNER

16" X 16"
BEDDING, MINERAL
AGGREGATE
TYPE 26

SECTION B–B

APPLICATION OF THESE DETAILS REQUIRE APPROVAL FROM SDOT AND SPU.

NATURAL DRAINAGE SYSTEM DETAIL
PERMEABLE PAVEMENT
FACILITY IN PLANTING
STRIP

FIGURE

6–26

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