STORMVAULT BIOFILTERATION (SVBF) CONFIGURATION: TREE WELL (-TW) MODEL: SVBF-TW 5X10.5

HYDRAULICS

STORMWATER QUALITY DESIGN FLOW (SQDF): XXX-X CFS

STORM DRAIN DESIGN CONVEYANCE FLOW: XX-X CFS

TREATMENT

BIO SOIL MEDIUM: UNITIZED 10-IN/HR 193-IN/HR

STORMWATER QUALITY DESIGN DURATION: 0.1-GPM/FT² 2-GPM/FT²

LOADING RATE (HSLR)

*VARIES*

MODEL: SVBF-TW 5X10.5 PEAK TREATMENT FLOW RATE: 0.012 CFS 0.234 CFS

PLAN VIEW

SECTION A-A

EDGE OF STREET PAVEMENT

FACE OF CURB & GUTTER LINE

TREE GRATE SEE MATERIALS NOTE 13

SEE MATERIALS NOTE 14

SEE MATERIALS NOTE 14

CURB TREAT INLET WITH "VARIES"

SEE CONSTRUCTION NOTE 9

SEE CONSTRUCTION NOTE 10

GROWTH PROMOTING OPEN BOTTOM

SECTION B-B

EDGE OF STREET PAVEMENT

FACE OF CURB & GUTTER LINE

TREE GRATE SEE MATERIALS NOTE 13

SEE MATERIALS NOTE 14

TOP OF WALL CAST IN PLACE

ISOMETRIC VIEW

CURB & GUTTER CAST IN PLACE

BYPASS PIPE

6" DEPTH OF BRIDGING STONE ABOVE UNDERDRAIN

6" DEPTH OF RIPRAP/RACALO

6" DEPTH OF BRIDGING STONE SURROUNDED BY BRIDGING STONE

RIMP EL. = XXX.XX' ± X

INV. EL. = XXX.XX' ± X

X" x X" x X"

KEEPER GRATE

WAVES

WAVES

MODEL:

DEVELOPMENT

STORMWATER BIOFILTERATION

TREE WELL

MODEL: SVBF-TW 5X10.5

PROJECT NAME

CITY, STATE

T. Schmaling

5/28/2020

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