STORMVAULT BIOFILTRATION (SVBF) CONFIGURATION: TREE BOX (-PB) MODEL: SVBF-TB 3X5

**HYDRAULICS**

STORMWATER QUALITY DESIGN FLOW (SQDF)

RETURN FREQUENCY / PERIOD OF PEAK DESIGN CONVEYANCE FLOW XX-YRS

**TREATMENT**

BIO SOILS FILTRATION MEDIA

SIERRA BLEND

NOTE 9

BIO SOIL MEDIA* JENSEN'S

BIO SOIL MEDIA UNITIZED TREATMENT FLUX RATE HYDRAULIC SURFACE

TREATMENT FLUX RATE 1.5-GPM 30-GPM

NOTE 14 BIOFILTRATION (SVBF)

PLANT VIEW

PLAN VIEW

ISOMETRIC VIEW

SECTION B-B

SECTION A-A

BACKFILL TO BE DESIGNED BY OTHERS.

MATERIALS & DESIGN PARAMETERS

1. ALL DIMENSIONS ARE IN DECIMAL INCHES.

2. CONCRETE SHALL HAVE A MINIMUM COMpressive STRENGTH Fc = 3,000 psi AT 28-DAYS.


4. HIGH SULFATE RESISTANT CEMENT IN ACCORDANCE WITH ASTM C-150.

5. VARIOUS SECTIONS DESIGNED AND MANUFACTURED IN ACCORDANCE WITH ASTM C618 & CS8.

6. ALL PRECAST CONCRETE COMPONENTS TO BE MANUFACTURED IN AN MBC CERTIFIED PLANT.

7. IF REQUIRED, JENSEN WILL FURNISH VATS WITH SUB-APPLIED WATERPROOFING COATING AROUND THE INSIDE SURFACE OF SVBF.

8. BRIDGING STONE SHALL BE CLEANED, WASHED...

9. GROUNDWATER ELEVATION IS ASSUMED TO BE BELOW THE BOTTOM OF PRECAST STRUCTURE. CONTACT JENSEN STORMWATER SYSTEMS FOR HIGH GROUNDWATER CONDITIONS.

10. STANDARD CONFIGURATION IS SHOWN. ALTERNATE CONFIGURATIONS ARE readily AVAILABLE. CONTACT JENSEN STORMWATER SYSTEMS FOR CUSTOM DESIGNS.

11. FOR COMPLETE DESIGN AND PRODUCT INFORMATION, CONTACT JENSEN STORMWATER SYSTEMS.

12. JENSEN STORMWATER SYSTEMS TO PROVIDE ALL MATERIALS AS SHOWN, UNLESS OTHERWISE NOTED.

13. TREE GRATES TYPICALLY AVAILABLE IN 30" X 30" & 60" X 60"; OTHER GRATE SIZES AVAILABLE UPON REQUEST.

14. ALL CONCRETE COMPONENT THICKNESSES, DIMENSIONS, AND JOINT ORIENTATIONS MAY VARY ACROSS JENSEN PRECAST MANUFACTURING FACILITIES.