STORMVAULT BIOFILTRATION (SVBF) CONFIGURATION: TREE BOX (-TB)
MODEL: SVBF-TB 4.5x8.5

**JENSEN BIOFILTRATION & INFILTRATION TREE PLANTER STORMVAULT BIOFILTRATION EEDD TO TREAT THE ENTIRE SQDF AT A RATE OF 0.1 GPM/FT² WHEN USING JENSEN’S ENGINEERED BIO SOIL BLENDS.

1. JENSEN’S STORMWATER BIOFILTRATION (SVBF) DESIGNED AND SIZEED TO TREAT THE ENTIRE SQDF.
2. CAPTURED WATER QUALITY CONSTITUENTS:
   - TOTAL SOLIDS (TSS)
   - TOTAL AND DISsovISED COPPER
   - TOTAL AND DISsovISED CIN
   - OIL & GREASE
   - ECO-FORM

CONSTRUCTION & INSTALLATION NOTES

1. CONTRACTOR TO VERIFY ALL DIMENSIONS AND ELEVATIONS IN FIELD PRIOR TO INSTALLATION.
3. CONTRACTOR MAY ALSO GRATE ALL PVC PIPETATIONS IN PRECAST CONCRETE OPENINGS IN FIELD AS NECESSARY.
4. CONTRACTOR TO PROVIDE FIELD POUR OF CURB TO THE ELEVATIONS SHOWN ON THE SITE DRAWINGS AS NECESSARY.
5. THE CONNECTION BETWEEN THE SVBF LINE AND THE CURB SHALL BE MADE USING A RESILIENT CONNECT CONFORMING TO ASTM C640, AS MADE BY JENSEN, A LD, OR APPROVED EQUAL AND SHALL BE WATERTIGHT.
6. VEGETATION, EROSION CONTROL, SUBGRADE, AND BACKFILL TO BE DESIGNED BY CONTRACTOR.
7. SVBF CAN BE RECONFIGURED AS AN OPEN TOP SYSTEM TO RECEIVE SURFACE FLOW FROM ALL SIDES, ELIMINATING TOP SLAB AND TREE GRATE.
8. SVBF MAY BE DEPRECATED WITH UNFINISHED TOP OF WALLS TO BE FOUND IN FIELD ALLOWING FOR CONSTRUCTION OF CONTINUOUS STREETSCAPE AND LANDSCAPE FEATURES.
9. PARTS THROUGH-CURB CAN BE LOCATED ON ANY SIDE OF THE BOX AND THEIR DIMENSIONS VARY PER DESIGN.

MATERIALS & DESIGN PARAMETERS

1. ALL DIMENSIONS ARE IN DECIMAL INCHES.
2. CONCRETE SHALL HAVE A MINIMUM COMpressive STRENGTH OF 5,000 PSI AT 28 DAYS.
3. THE POSTAL CEMENT USED IN THE PRECAST SECTION SHALL MEET THE REQUIREMENTS OF Type IV HIGH SULFATE RESISTANT CEMENT IN ACCORDANCE WITH ASTM C150 / C150M.
4. ALL PRECAST CONCRETE COMPONENTS TO BE MANUFACTURED IN AN ENVIRONMENTALLY CERTIFIED PLANTS.
5. IF REQUIRED, JENSEN WILL FURNISH VULT WITH AUXILIARY WATERPROOFING COATING AROUND ENTIRE INLETS SURFACE OF BLM.
6. BRIDGING STONE SHALL BE CLEAN, WASHED.
7. ALL PVC PIPE SHALL CONFORM TO ASTM D 3035 (SDR-35) PIPE.
8. GROUNDWATER ELEVATION IS ASSUMED TO BE BELOW THE BOTTOM OF PRECAST STRUCTURE. CONTACT JENSEN STORMWATER SYSTEMS FOR HIGH GROUNDWATER CONDITIONS.
10. JENSEN STORMWATER SYSTEMS SHALL BE FURNISHED WITH REQUIRED ACCESSORIES.
11. JENSEN STORMWATER SYSTEMS TO PROVIDE ALL MATERIALS AS SHOWN, UNLESS OTHERWISE NOTIFIED.
12. TREE GRATES TYPICALLY AVAILABLE IN 36" X 36" & 48" X 48" OTHER GRATE SIZES AVAILABLE UPON REQUEST.
13. ALL CONCRETE COMPONENT THICKNSES, DIMENSIONS, AND JOINT ORIENTATIONS MAY VARY ACROSS JENSEN PRECAST MANUFACTURING FACILITIES.