**HYDRAULICS**

- **STORMWATER QUALITY DESIGN FLOW (SQDF):** xx.x-CFS
- **STORMDRAIN DESIGN CONVEYANCE FLOW:** XX-X-CFS
- **RETURN FREQUENCY / PERIOD OF PEAK DESIGN CONVEYANCE FLOW:** XX-YRS

**TREATMENT**

- **BIO SOLID FATTEN MEDIA**
  - **PUBLIC DOMAIN BIO SOLID MEDIA:**
    - JENSEN'S SIERRA BLEND
    - 1.6-GPM 32-GPM

**CONSTRUCTION & INSTALLATION NOTES**

1. CONTRACTOR TO VERIFY ALL DIMENSIONS AND ELEVATIONS IN FIELD PRIOR TO INSTALLATION.
3. CONNECTOR MAY ALSO GORUM ALL PIPE PENETRATIONS IN PRECAST CONCRETE DRains IN FIELD AS NECESSARY.
4. CONTRACTOR TO PROVIDE FIELD FOUR OF CURB TO ELEVATIONS SHOWN ON THE SITE DRAWINGS AS NECESSARY.
6. VEGETATION, FOUNDATION, SUBGRADE, AND SURFACES TO BE DESIGNED BY CONTRACTOR.
7. SBM MAY BE READILY RECONFIGURED AS AN OPEN SWALE SYSTEM TO CONSTRUCT PONDING SYSTEMS.
8. SBM MAY BE Deployed WITH UNFINISHED TOP OF WALLS TO BE POURED IN FIELD ALLOWWING FOR CONSTRUCTION OF CONTINUOUS STRUCTURES AND LANDSCAPE FEATURES.
9. INLETS THROUGH CURB CAN BE LOCATED ON ANY SIDE OF THE BOX AND THEIR DIMENSIONS VARY PER DESIGN.

**MATERIALS & DESIGN PARAMETERS**

- **ALL DIMENSIONS ARE IN DEASINAL NUMBERS.**
- **CONCRETE SHALL HAVE A MINIMUM COMPRRESSIVE STRENGTH F'c = 5,000 psi AT 28 DAYS.**
- **THE PORTLAND CEMENT USED IN THE PRECAST SECTION SHALL MEET THE REQUIREMENTS OF TYPE IV HIGH SULFATE RESISTANT CEMENT IN ACCORDANCE WITH ASTM C150-13.**
- **WATER SECTIONS DESIGNED AND MANUFACTURED IN ACCORDANCE WITH ASTM C674 & C666.**
- **ALL PRECAST CONCRETE COMPONENTS TO BE MANUFACTURED IN AN INDOOR CERTIFIED PLANT.**
- **IF REQUIRED, JENSEN WILL APPLY VALUV-WALL VAPOR BARRIER SHOWN IN Figs. 35 & 15.**
- **SUBGRADE EL. = XXXX.XX' + SUBGRADE EL. = XXXX.XX' +**
- **ALL PIPE SHALL CONFORM TO ASTM D3033 (SDR 35) PIPE.**
- **GROUNDWATER ELEVATION IS ASSUMED TO BE BELOW THE BOTTOM OF THE DRAINAGE SYSTEM.**
- **STORMVAULT/SYSTEMS FOR HIGH-GROUNDWATER CONDITIONS.**
- **STORMVAULT/SYSTEMS FOR CUSTOM DESIGNS.**
- **STORMVAULT/SYSTEMS FOR CUSTOM DESIGNS.**
- **STORMVAULT/SYSTEMS FOR CUSTOM DESIGNS.**
- **STORMVAULT/SYSTEMS FOR CUSTOM DESIGNS.**

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