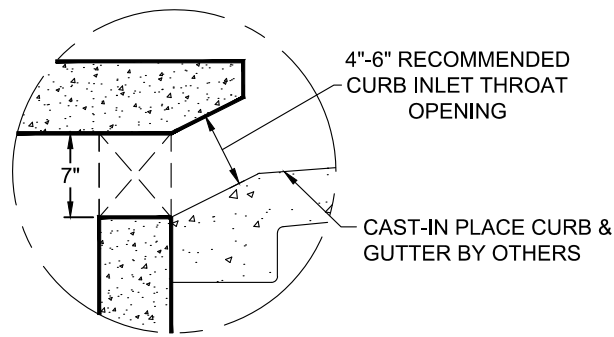
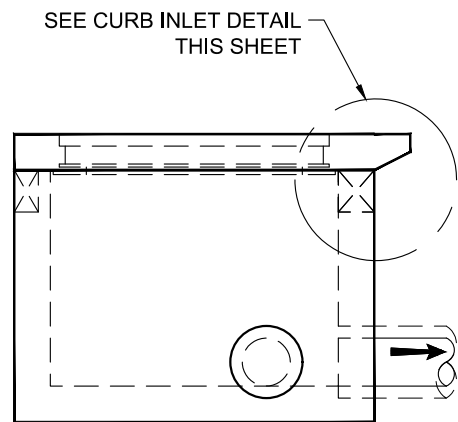


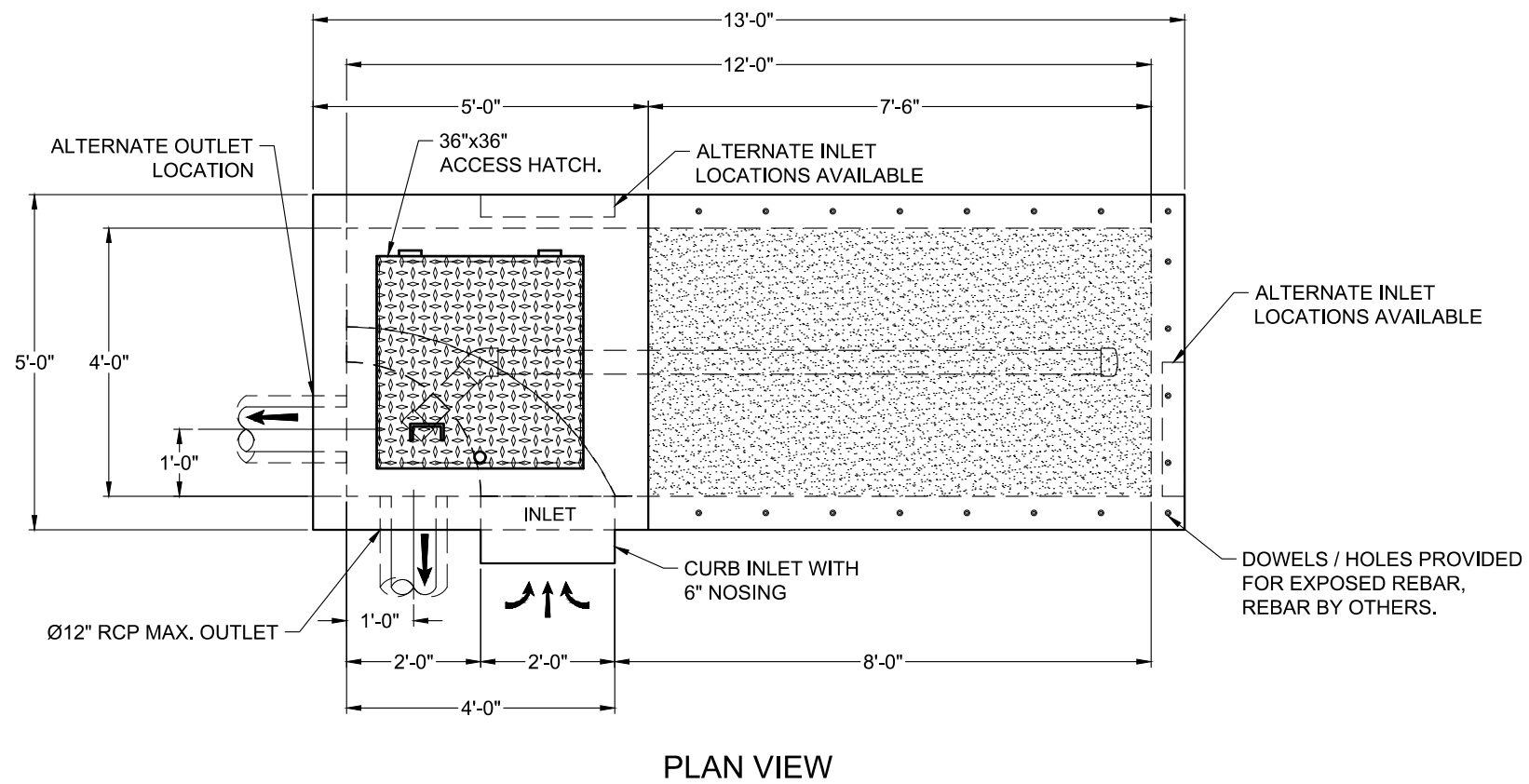
| SITE SPECIFIC DATA | | | | | |
|---|---------------|-----------|-----------|------------------|--|
| Structure ID | ID | | | | |
| Treatment Flow Rate (cfs) | - | | | | |
| Peak Flow Rate (cfs) | - | | | | |
| Rim Elevation | - | | | | |
| Pipe Data | Pipe Location | Pipe Size | Pipe Type | Invert Elevation | |
| Outlet | - | - | - | - | |
| Notes: | | | | | |
| PERFORMANCE SPECIFICATIONS | | | | | |
| Treatment Flow Capacities: | | | | | |
| NJDEP 80% Removal, 75 micron | 0.179 cfs | | | | |
| WA Ecology GULD - Basic, Enhanced & Phosphorus | 0.160 cfs | | | | |
| Bypass Capacity | 2.0 cfs | | | | |
| *Contact Oldcastle for alternative treatment flow capacities. | | | | | |



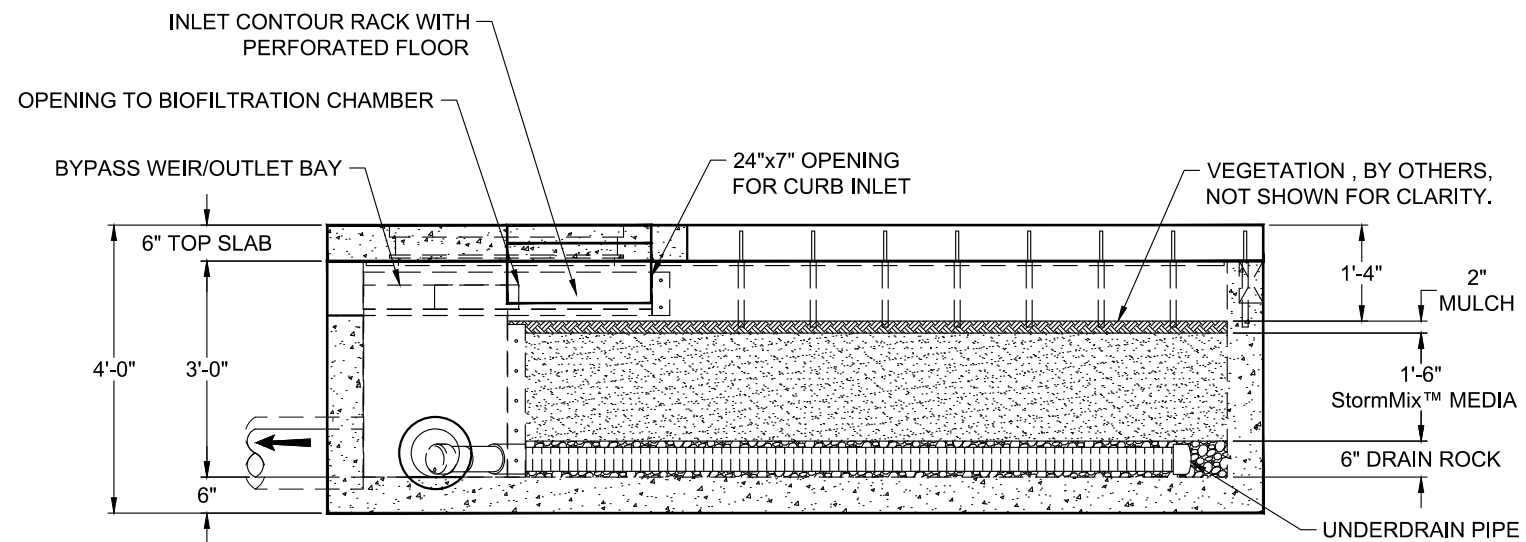
CURB INLET DETAIL



LEFT END VIEW



PLAN VIEW



ELEVATION VIEW

NOTES:

- DESIGN LOADINGS:
 - 300 PSF PEDESTRIAN LOADING
 - DESIGN SOIL COVER: 0' MAXIMUM
 - ASSUMED WATER TABLE: BELOW BASE OF PRECAST (ENGINEER-OF-RECORD TO CONFIRM SITE WATER TABLE ELEVATION)
 - LATERAL EARTH PRESSURE: 45 PCF (DRAINED)
 - LATERAL LIVE LOAD SURCHARGE: 80 PSF (APPLIED TO 8'-0" BELOW GRADE)
 - NO LATERAL SURCHARGE FROM ADJACENT BUILDINGS, WALLS, PIERS, OR FOUNDATIONS.
- CONCRETE 28-DAY MINIMUM COMPRESSIVE STRENGTH: 5,000 PSI MINIMUM.
- REINFORCING: REBAR, ASTM A615/A706, GRADE 60
- CEMENT: ASTM C150
- REQUIRED ALLOWABLE SOIL BEARING CAPACITY: 2,500 PSF
- REFERENCE STANDARD:
 - ASTM C890
 - ASTM C913
 - ACI 318-14
- THIS STRUCTURE IS DESIGNED TO THE PARAMETERS NOTED HEREIN. ENGINEER-OF-RECORD SHALL VERIFY THAT NOTED PARAMETERS MEET OR EXCEED PROJECT REQUIREMENTS. IF DESIGN PARAMETERS ARE INCORRECT, REVIEWING ENGINEER/AUTHORITY SHALL NOTIFY OLDCASTLE INFRASTRUCTURE UPON REVIEW.
- INLET AND OUTLET HOLES WILL BE FACTORY CORED/CAST PER PLANS AND CUSTOMER REQUIREMENTS. INLET AND OUTLET LOCATIONS CAN BE MIRRORED.
- CONTRACTOR RESPONSIBLE TO VERIFY ALL SIZES, LOCATIONS, AND ELEVATIONS OF OPENINGS.
- CONTRACTOR RESPONSIBLE TO ENSURE ADEQUATE BEARING SURFACE IS PROVIDED (I.E. COMPACTED AND LEVEL PER PROJECT SPECIFICATIONS).
- SECTION HEIGHTS, SLAB/WALL THICKNESSES, AND KEYWAYS ARE SUBJECT TO CHANGE AS REQUIRED FOR SITE REQUIREMENTS AND/OR DUE TO PRODUCT AVAILABILITY AND PRODUCTION FACILITY CONSTRAINTS.
- MAXIMUM PICK WEIGHTS*:
 - TOP: XX,XXX LBS
 - BASE: XX,XXX LBS* (* COMBINED WEIGHT OF BASE INCLUDES BYPASS WEIR, DIVIDER WALL, ROCK & MEDIA)
- INTERNALS SHALL CONSIST OF UNDERDRAIN PIPE, ROCK, STORMMIX™ MEDIA, MULCH, AND INLET CONTOUR RACK.



Ph: 800.579.8819 | www.oldcastleinfrastructure.com/stormwater
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BioPod™ Biofilter System (STANDARD)
 Planter vault with Internal Bypass

| | | |
|--------------------------------|---------------|--------|
| CUSTOMER | - | |
| PROJECT NAME | - | |
| SHEET NAME | REVISION | SHEET |
| Specifier Drawing BPP-412IB | - REV DATE | 1 OF 1 |

