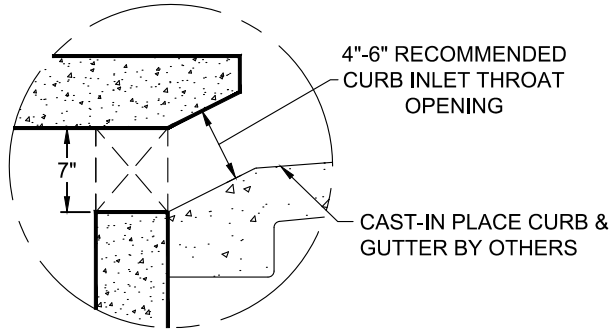
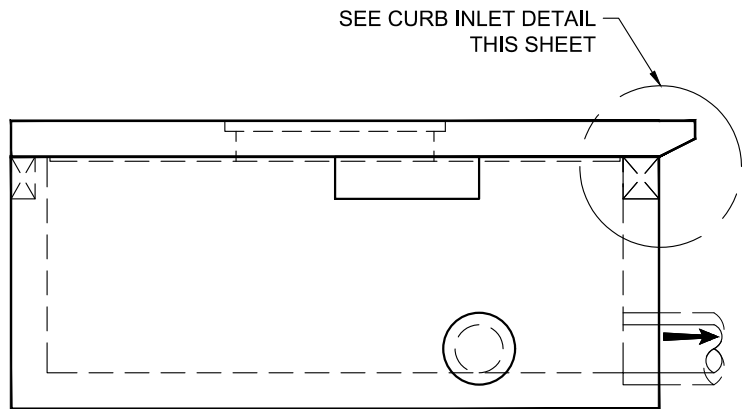


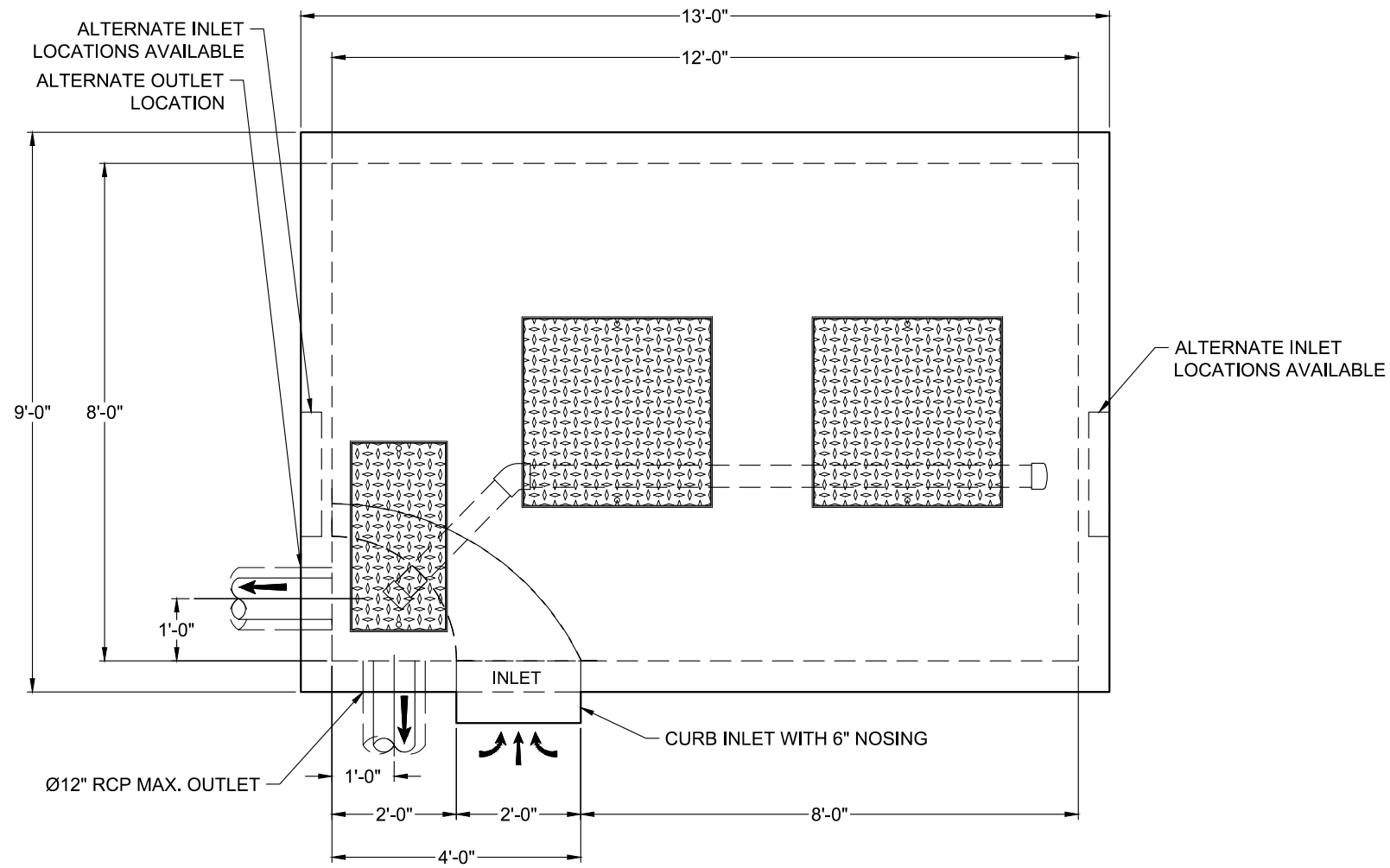
SITE SPECIFIC DATA					
Structure ID	ID				
Treatment Flow Rate (cfs)	-				
Peak Flow Rate (cfs)	-				
Rim Elevation	-				
Pipe Data	Pipe Location	Pipe Size	Pipe Type	Invert Elevation	
Outlet	-	-	-	-	
Notes:					
PERFORMANCE SPECIFICATIONS					
Treatment Flow Capacities:					
NJDEP 80% Removal, 75 micron	0.371 cfs				
WA Ecology GULD - Basic, Enhanced & Phosphorus	0.330 cfs				
Bypass Capacity	2.0 cfs				
*Contact Oldcastle for alternative treatment flow capacities.					



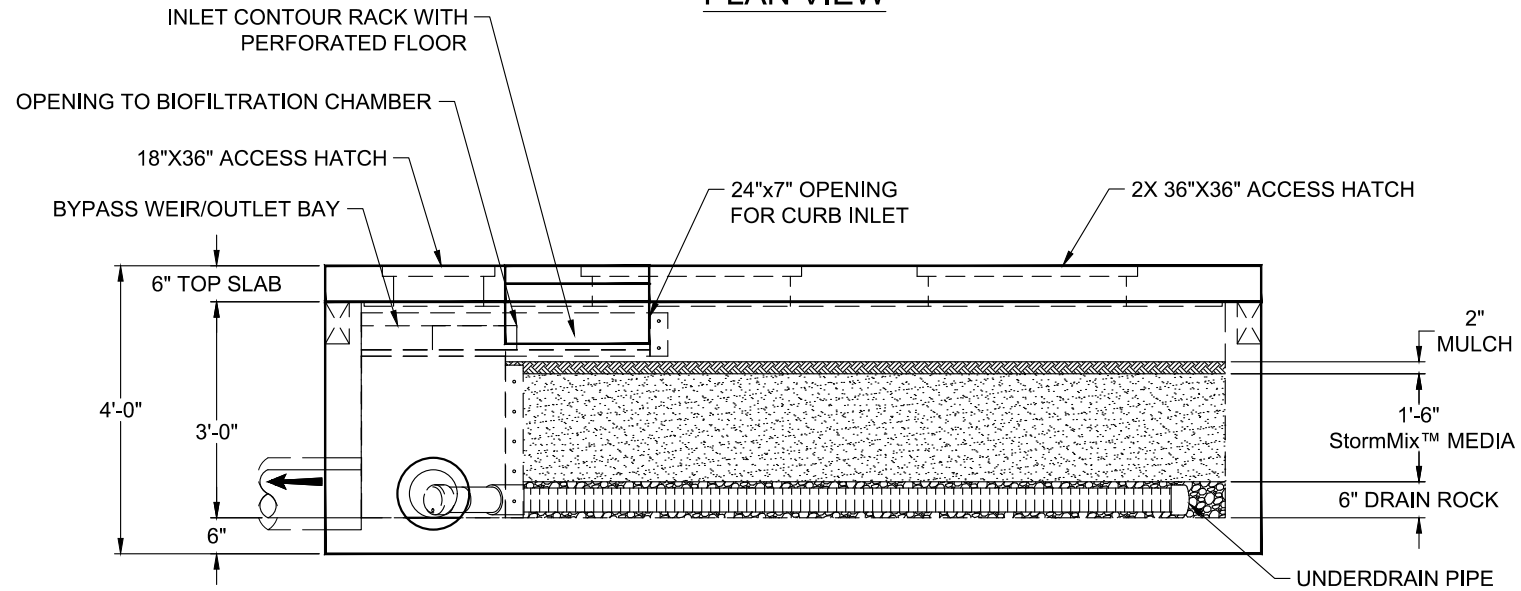
CURB INLET DETAIL



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.



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Biopod™ Biofilter System (STANDARD)
 Surface Vault with Internal Bypass

CUSTOMER	-	
PROJECT NAME	-	
SHEET NAME	REVISION	SHEET
Specifier Drawing BPS-812IB	- REV DATE	1 OF 1

