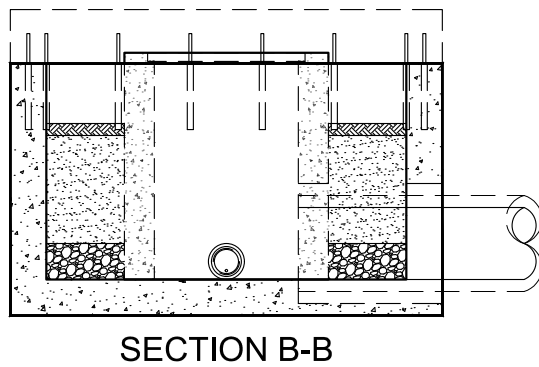
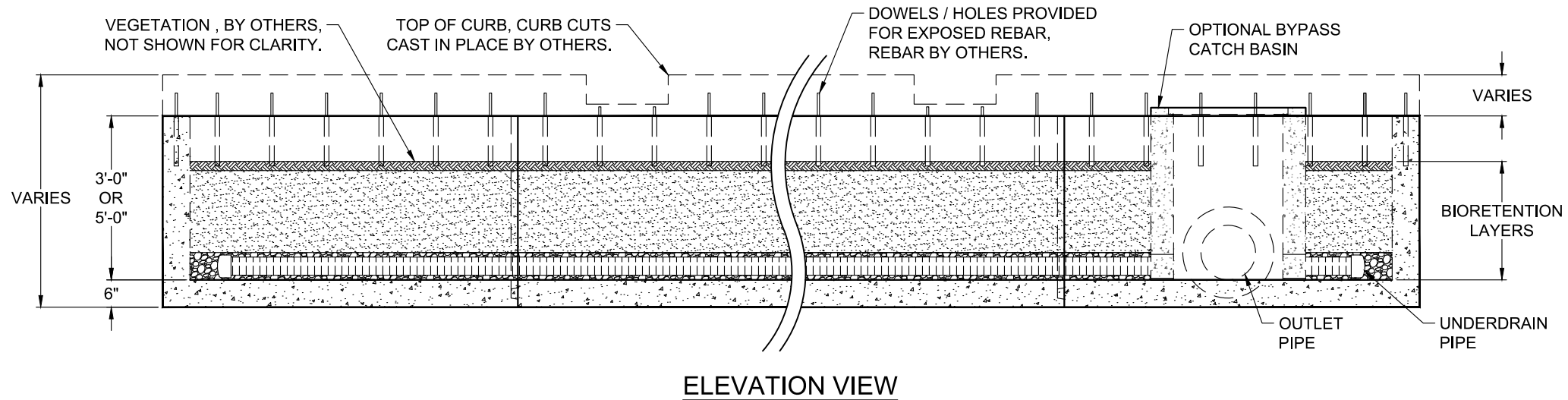
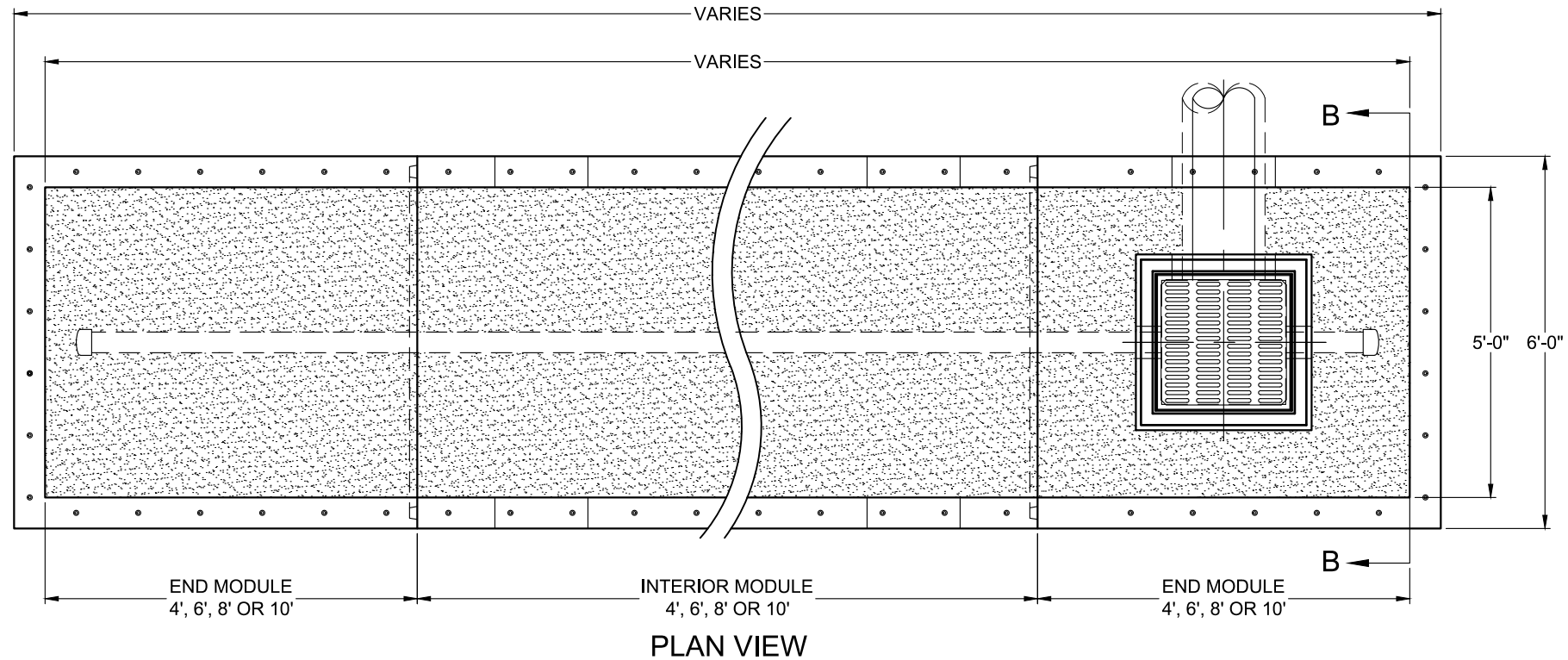


| SITE SPECIFIC DATA | | | |
|------------------------------|-----------|-----------|------------------|
| Structure ID | ID | | |
| Treatment Media Surface Area | XX sf | | |
| Rim Elevation | X.XX' | | |
| TerraMod Module Height | 3' or 5' | | |
| Pipe Data | Pipe Size | Pipe Type | Invert Elevation |
| Outlet | XX" | XXX | X.XX' |
| Underdrain | XX" | XXX | X.XX' |
| Notes: | | | |
| - | | | |
| PERFORMANCE SPECIFICATIONS | | | |
| WA Ecology GULD Equivalency | | | |



- NOTES:**
- DESIGN LOADINGS:
 - 300 PSF PEDESTRIAN LOADING.
 - ASSUMED WATER TABLE = BELOW BOTTOM OF PRECAST.
 - DRY LATERAL EARTH PRESSURE (EPF) = 45 PCF.
 - LATERAL LIVE LOAD SURCHARGE=80 PSF.
 - NO LATERAL SURCHARGE FROM ADJACENT BUILDINGS, WALLS, PIERS, OR FOUNDATIONS.
 - CONCRETE 28 DAY COMPRESSIVE STRENGTH SHALL BE 5,000 PSI MINIMUM.
 - STEEL REINFORCEMENT: REBAR, ASTM A-615 OR A-706, GRADE 60.
 - MESH REINFORCEMENT: ASTM C-1064, GRADE 80.
 - CEMENT: ASTM C-150 SPECIFICATION.
 - REQUIRED NATIVE ALLOWABLE SOIL BEARING PRESSURE = 2,500 PSF.
 - REFERENCE STANDARD:
 - ASTM C 890
 - ASTM C 913
 - THIS STRUCTURE IS DESIGNED TO THE PARAMETERS NOTED HEREIN. PLEASE VERIFY THAT THESE PARAMETERS MEET PROJECT REQUIREMENTS. IF DESIGN PARAMETERS ARE INCORRECT, REVIEWING ENGINEER/AUTHORITY SHALL NOTIFY OLDCASTLE INFRASTRUCTURE UPON REVIEW OF THIS SUBMITTAL.
 - OVERSIZED HOLES TO ACCOMMODATE SPECIFIC PIPE TYPE MUST BE CONCENTRIC TO PIPE ID. AFTER PIPES ARE INSTALLED, ALL ANNULAR SPACES SHALL BE FILLED WITH A MINIMUM OF 3000 PSI CONCRETE FOR FULL THICKNESS OF PRECAST WALLS. PIPES ARE TO BE FLUSH WITH THE INSIDE SURFACE OF THE CONCRETE STRUCTURE.
 - CONTRACTOR RESPONSIBLE TO VERIFY ALL SIZES, LOCATIONS AND ELEVATIONS OF OPENINGS.
 - CONTRACTOR RESPONSIBLE TO ENSURE ADEQUATE BEARING SURFACE IS PROVIDED (I.E. COMPACTED & LEVEL PER PROJECT SPECIFICATIONS).
 - ALL EXTERIOR SURFACES SUPPLIED WITH "FORM FINISH."
 - SYSTEM SHIPPED EMPTY. UNDERDRAIN, SOIL/FILTER MEDIA, DRAIN ROCK PROVIDED & INSTALLED BY OTHERS.
 - ADAPTORS/ANGLES AND EXTERNAL PIPING BY OTHERS.



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TerraMod™ Modular (STANDARD)
 Bioretention System

| | | |
|-------------------|----------|--------|
| CUSTOMER | - | |
| PROJECT NAME | - | |
| SHEET NAME | REVISION | SHEET |
| Specifier Drawing | REV DATE | 1 OF 1 |
| TM-5 | - | - |

