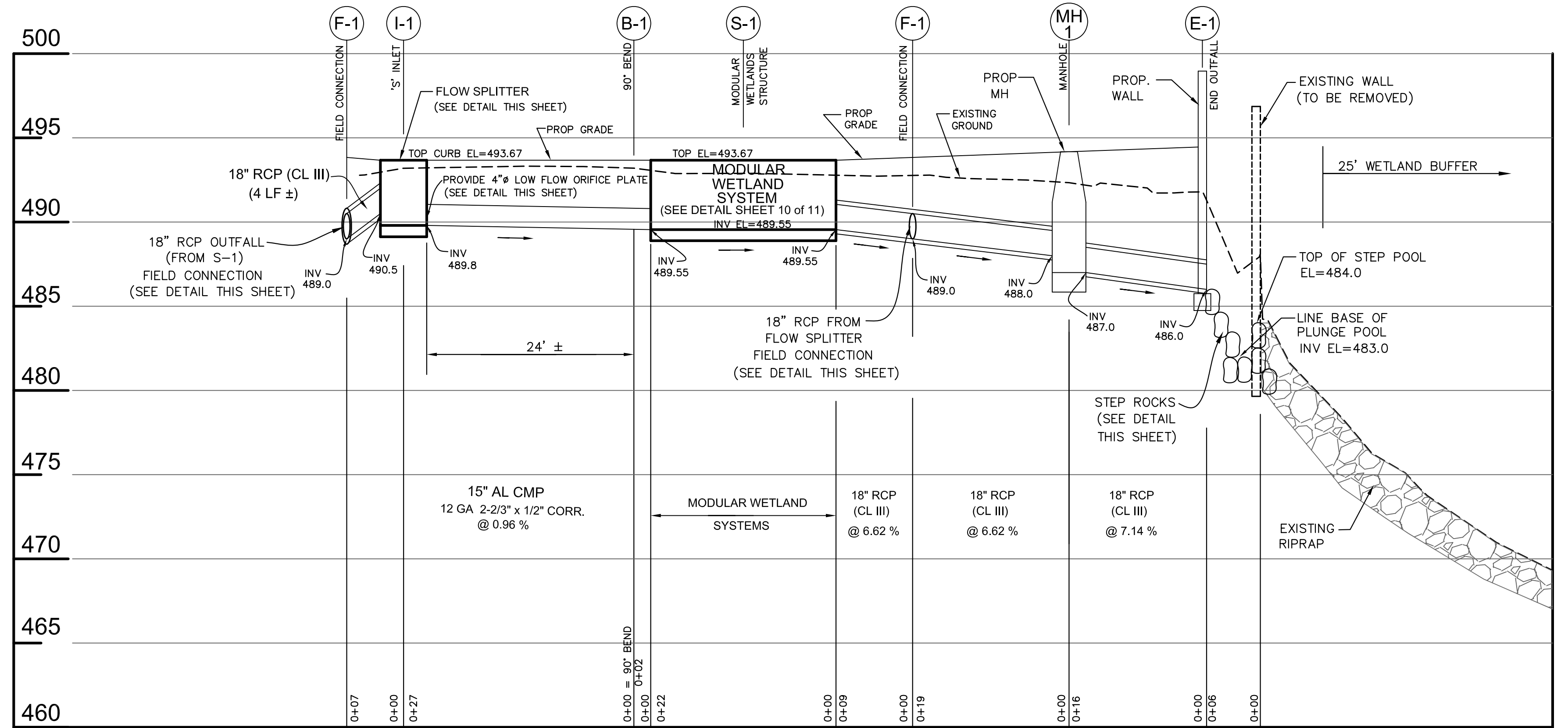


**SCHEMATIC FLOW SPLITTER DETAILS**  
 STORM DRAIN INLET STRUCTURE  
 (MODIFIED DOUBLE TYPE 'S' COMB. INLET MD-374.71)  
 NOT TO SCALE

FIELD CONNECTION NOTE:  
 CONTRACTOR TO INSTALL THE 18" RCP FROM THE FLOW SPLITTER STRUCTURE INTO THE 18" RCP OUTFALL. PROVIDE WATERTIGHT WITH MASTIC AND/OR NON-SHRINK EPOXY GROUT AT THE JOINT OF FIELD CONNECTION.

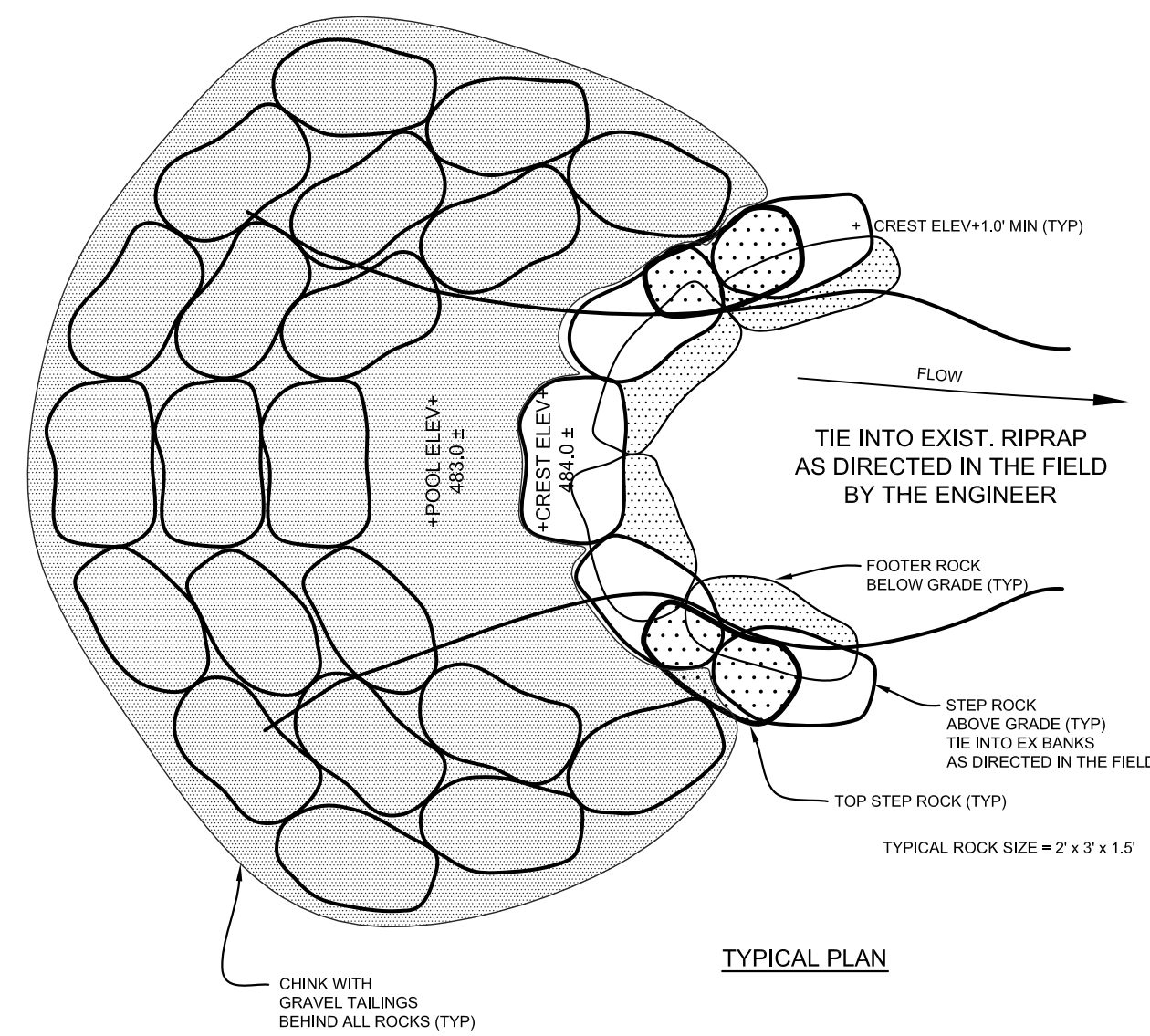


**Profile Along C Storm Drain Outfall, Modular Wetland Systems & Flow Splitter Structure**

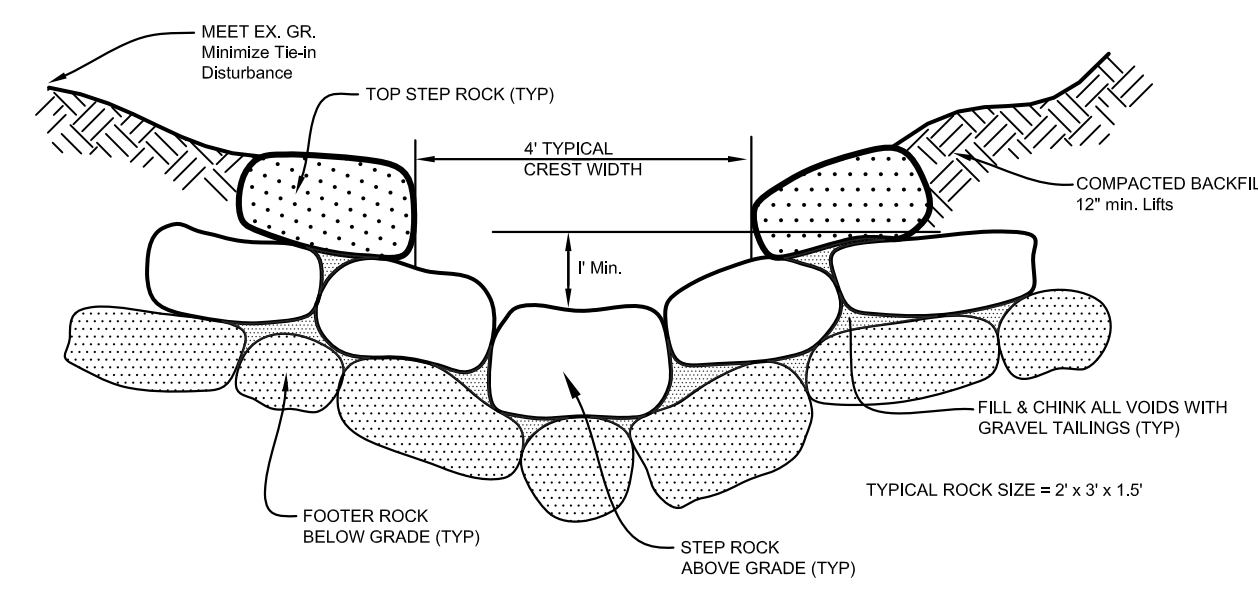
SCALE: H: 1"=10', V: 1"=5'

**STEP POOL NOTES**

1. All work shall be under the direction of a Licensed Professional Engineer or Licensed Landscape Architect (and/or their designee) who has demonstrated experience in oversight of stream restoration construction using natural channel techniques (the Engineer).
2. Limit of disturbance shall be clearly delineated prior to commencement of construction. Contractor shall minimize disturbance to existing trees and root systems to the maximum extent practical. No trees shall be removed unless authorized by the Engineer.
3. Specific location of all structures shall be reviewed in the field with the Engineer prior to construction. The Engineer shall make adjustments as needed based on their professional judgement.
4. Rock used for all Step Pool structures shall be angular flat rock (Imbricated Riprap), of the approximate dimensions shown on the details, and shall be approved by the Engineer prior to the commencement of construction. Rock shall be free of laminations, weak cleavages, and will not disintegrate from the action of air, water, or in handling and placing. Placement of rock shall be in a manner that minimizes gaps and potential flow paths between the rock. All upstream gaps shall be chinked with gravel tailings. All chinking shall utilize material of an appropriate gradation that reduces the potential of flow through the stone and scour of the chinking material.
5. All disturbed areas shall be permanently stabilized with Seed Mix #8 from Table 25 of the 1994 Maryland Standards and Specifications for Soil Erosion and Sediment Control.



TYPICAL PLAN



TYPICAL STEP CROSS SECTION

**TYPICAL SCHEMATIC STEP POOL DETAILS**  
 NOT TO SCALE

PROJECT: TAKOMA PARK LINDEN AVE WATER QUALITY RETROFIT & RETAINING WALL REMEDIATION

TITLE: STORMWATER MANAGEMENT PROFILE & DETAILS

**T.E. SCOTT+ASSOCIATES**  
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Designed By: TES/WRK	Scale: AS SHOWN	Proj. No. 0901
Drawn By: TAM	Date: 6/29/09	
Checked By: TES	Approved	SHEET 9 OF 11

PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND. LICENSE No. 32602, EXPIRATION DATE: 1-15-2010.