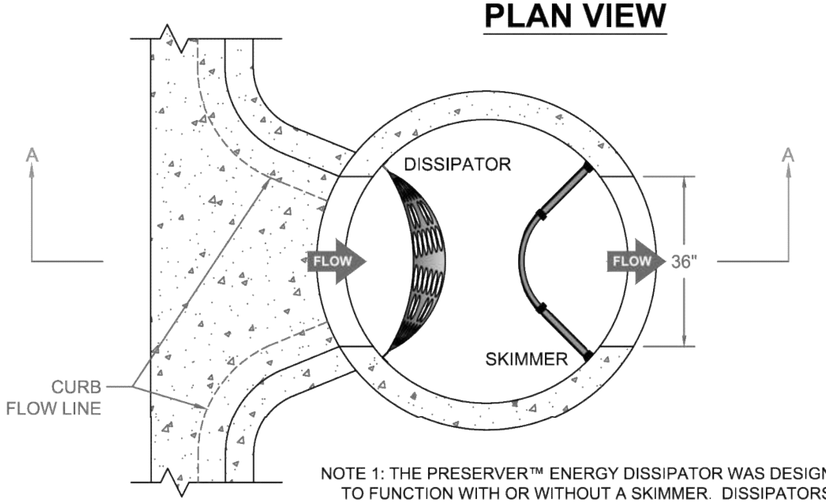
THE PRESERVER™

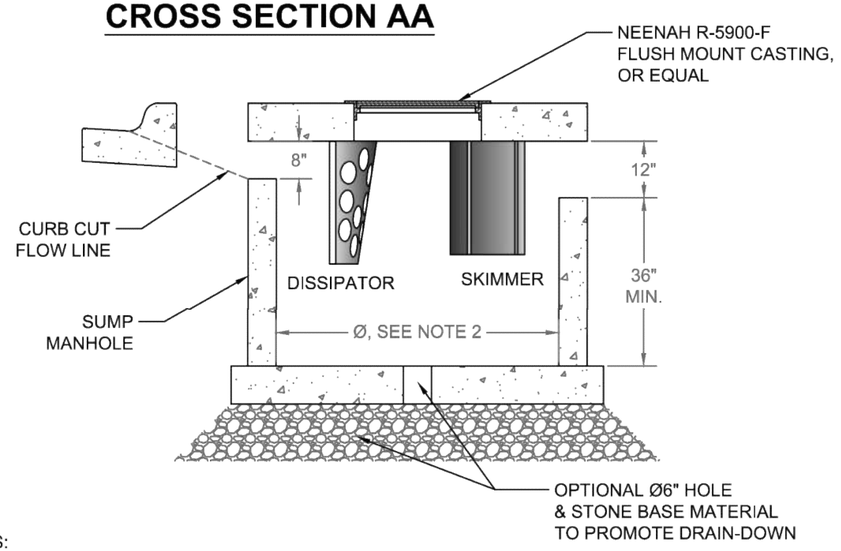
CURB CUT INLET

PLAN VIEW



NOTE 1: THE PRESERVER™ ENERGY DISSIPATOR WAS DESIGNED AND TESTED TO FUNCTION WITH OR WITHOUT A SKIMMER. DISSIPATORS & SKIMMERS CAN BE UTILIZED IN TANDEM OR INDEPENDENTLY.

CROSS SECTION AA



GENERAL NOTES:

- GRAVITY FLOW CAPACITY OF 5.25 CFS
- RIPRAP STILLING BASIN RECOMMENDED AT STRUCTURE OUTLET

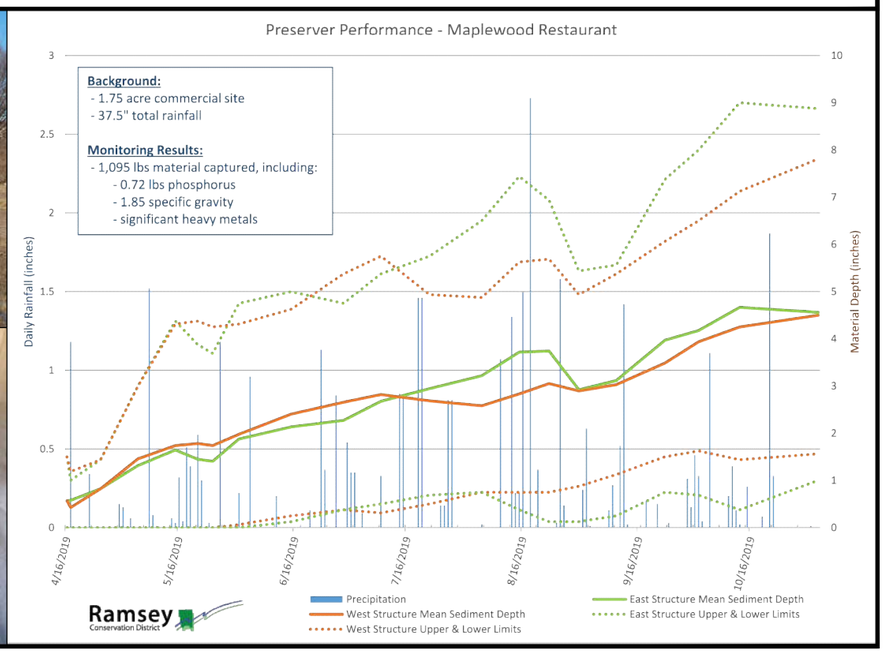
NOTE 2: 4' MIN. STRUCTURE DIAMETER. 5' MIN. STRUCTURE DIAMETER WHEN USING DISSIPATOR & SKIMMER IN TANDEM

Not to Scale

BENEFITS:

- REDUCE DOWNSTREAM BMP MAINTENANCE WHILE PRESERVING FUNCTIONALITY
- OPTION TO INCLUDE A SKIMMER FOR CAPTURE OF FLOATABLE POLLUTANTS
- DISSIPATOR INCREASES REMOVAL EFFICIENCIES & DECREASES RESUSPENSION & WASHOUT OF CAPTURED MATERIAL
- LARGE STORAGE CAPACITY FOR CAPTURED MATERIAL
- NO STRUCTURE SEPARATION FROM THE CURB CUT
- EASY TO INSTALL, ACCESS, & MAINTAIN
- TREAT LARGE AREAS / HIGH FLOWS
- FIELD VERIFIED PERFORMANCE

ITEM	PRESERVER™	RAIN GUARDIAN TURRET
TREATMENT FLOW CAPACITY	5.25 CFS	??? CFS (3.45 CFS INCLUDING BYPASS FLOW)
MATERIAL STORAGE CAPACITY	36 CF MIN. (Ø4', 3' SUMP)	~4 CF
INSPECTION/MAINT. FREQUENCY	ONCE PER YEAR	AFTER EVERY STORM



PRESERVER

Momentum ENVIRONMENTAL LLC

877-773-0073 • www.MomentumEnv.com

THE PRESERVER™
CURB CUT DETAIL

ENERGY DISSIPATOR AND/OR SKIMMER

PROUDLY MADE IN THE USA | QUALITY MATERIALS: 100% recycled HDPE, Stainless steel brackets, Stainless steel hardware

CONCEPTUAL PLAN DISCLAIMER:
THIS GENERIC DETAIL DOES NOT ENCOMPASS THE SIZING, FIT, AND APPLICABILITY OF THE PRESERVER FOR THIS SPECIFIC PROJECT. IT IS THE ULTIMATE RESPONSIBILITY OF THE DESIGN ENGINEER TO ASSURE THAT THE STORMWATER SYSTEM DESIGN IS IN FULL COMPLIANCE WITH ALL APPLICABLE LAWS AND REGULATIONS. MOMENTUM ENVIRONMENTAL LLC DOES NOT APPROVE PLANS, SIZING, OR SYSTEM DESIGNS. THE DESIGN ENGINEER IS RESPONSIBLE FOR ALL DESIGN DECISIONS.