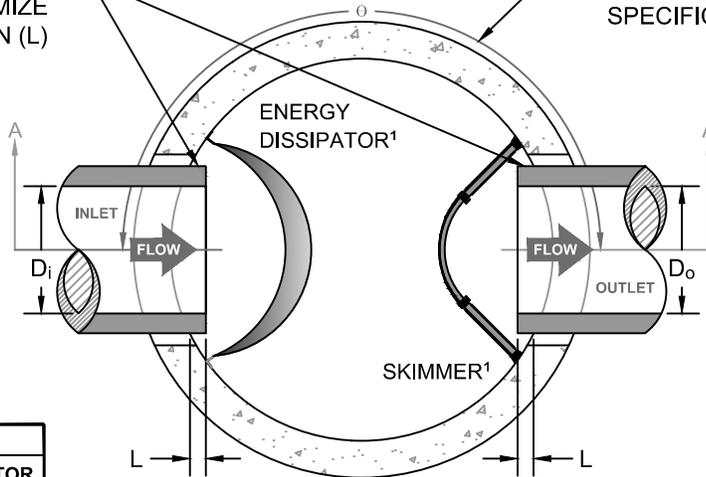


PLAN VIEW

FOR NEW MANHOLE CONSTRUCTION, CONTRACTOR TO MINIMIZE PIPE PROTRUSION (L)

REFER TO MANHOLE SIZING CHART TO ENSURE PROJECT SPECIFIC DESIGN FEASIBILITY



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.

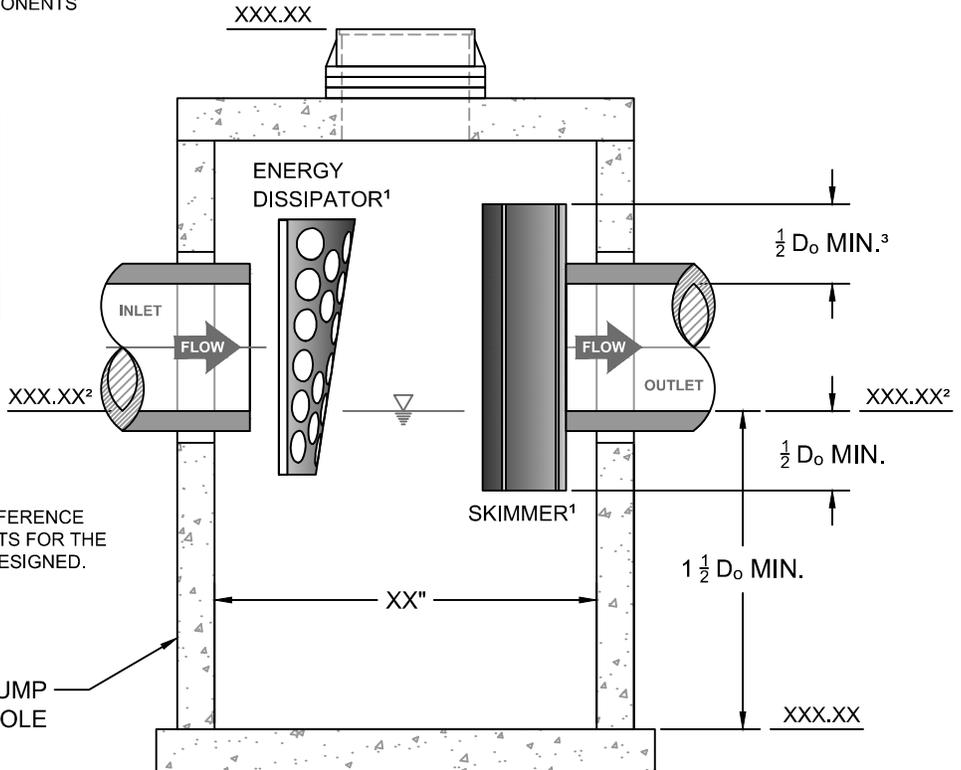
STRUCTURE DIAMETER	MAXIMUM PIPE DIAMETER*		
	DISSIPATOR ONLY	SKIMMER ONLY	DISSIPATOR & SKIMMER
48"	27"	24"	15"
60"	36"	30"	24"
72"	48"	42"	30"
84"		48"	36"
96"			48"

*RECOMMENDED TO PROVIDE ADEQUATE SPACING BETWEEN COMPONENTS FOR ACCESS & MAINTENANCE. REFER TO MANHOLE SIZING CHARTS FOR MORE DETAILED STRUCTURE SIZING OR CONTACT MOMENTUM FOR PROJECT SPECIFIC DETAILS. PRESERVER™ COMPONENTS ACCOMMODATE PIPE SIZES UP TO 48" DIAMETER.

CROSS SECTION AA

PART NUMBER**	PIPE DIAMETER	ALLOWABLE PEAK FLOW
D15 / S15	0"-15"	20 CFS
D21 / S21	16"-21"	35 CFS
D27 / S27	22"-27"	60 CFS
D36 / S36	28"-36"	100 CFS
D48 / S48	37"-48"	175 CFS

** "D" = DISSIPATOR, PLACED AT INLET(S)
"S" = SKIMMER, PLACED AT OUTLET



NOTE 2: MINIMIZE ELEVATION DIFFERENCE BETWEEN INLET AND OUTLET INVERTS FOR THE PRESERVER™ TO FUNCTION AS DESIGNED.

NOTE 3: STOCK SKIMMERS HAVE A MINIMUM FREEBOARD DEPTH OF 1/2 Do. FOR GREATER FREEBOARD DEPTHS, DESIGNERS CAN UPSIZE THE SKIMMER, OR USE A CUSTOMIZED SKIMMER. FOR CUSTOM DESIGNS, AND/OR PROJECT SPECIFIC DETAILS, CONTACT MOMENTUM.

Not to Scale



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THE PRESERVER™ STANDARD INSTALL 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.