

MARSH BASIN SCHEDULE				
MODEL NO.	EMPTY WT (LBS)	LENGTH L	WIDTH W	HEIGHT H
MB-XX	19,800	13'-0"	5'-0"	5'-0"

OTHER SIZES ARE AVAILABLE. CONTACT US FOR MORE INFORMATION.

MB-XX
MAXIMUM FLOW RATE
25 - 25 GPM
50 - 50 GPM
ETC...



MARSHBASIN™

- APPLICATIONS
- ▣ INDUSTRIAL
 - ▣ RESIDENTIAL
 - ▣ INSTITUTIONAL
 - ▣ REDEVELOPMENT

GENERAL INFORMATION

THE MARSH BASIN IS DESIGNED FOR STORMWATER RUNOFF FROM COMMERCIAL & INDUSTRIAL APPLICATIONS WHERE EXCESSIVE POLLUTANTS MAY HARM THE ENVIRONMENT OR DAMAGE SEWER SYSTEMS.

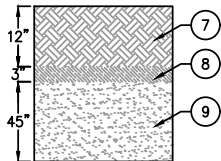
GUARANTEED PERFORMANCE

WETLAND VAULT IS USED FOR SEDIMENT RETENTION AND NUTRIENT REMOVAL.

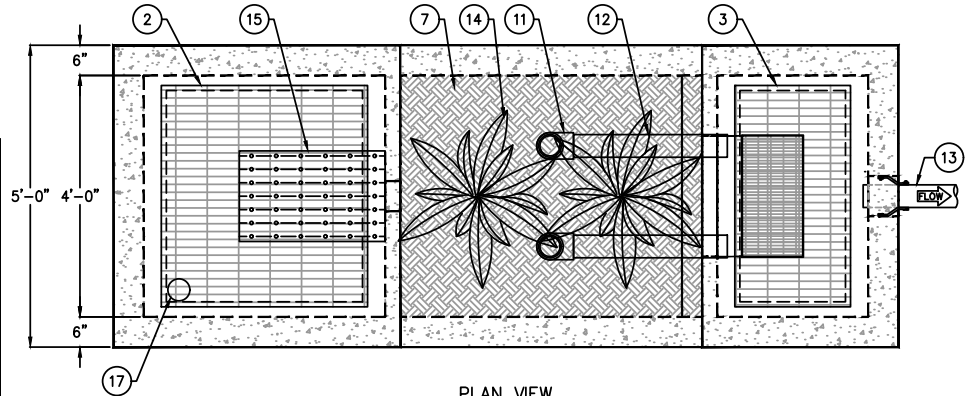
A CERTIFIED PERFORMANCE ANALYSIS UTILIZING A PROPRIETARY COMPUTER PROGRAM WILL ACCURATELY MODEL SYSTEMS TO ENSURE THAT THEIR EFFLUENT QUALITIES MEET THE REQUIRED DISCHARGE CRITERIA (EPA AND LOCAL CODES).

CONTACT OUR ENGINEERING DEPT. @ 888-611-PARK FOR A FREE PERFORMANCE EVALUATION.

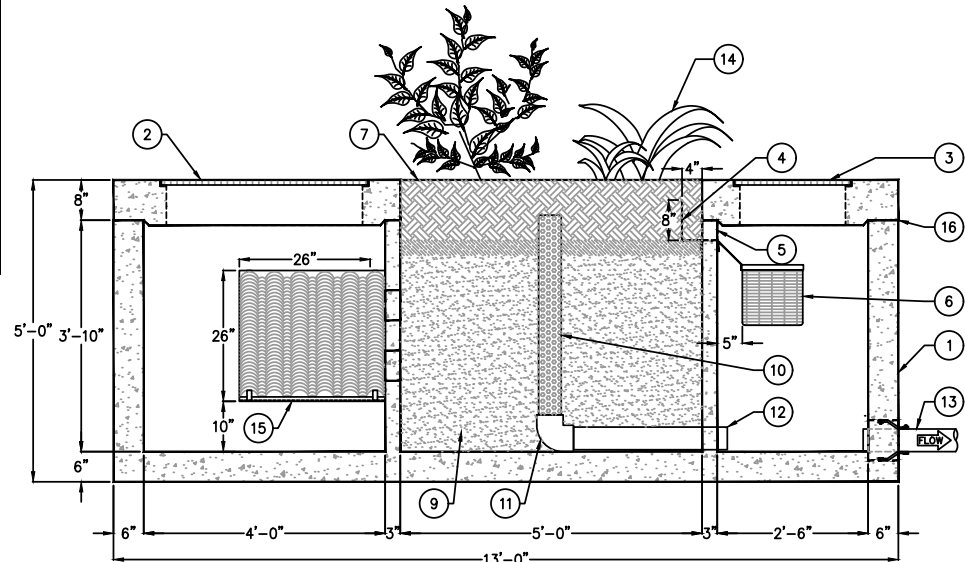
KEYED NOTES		
MARK	QTY	DESCRIPTION
1	1	5'-0" x 13'-0" x 5'-0" PRECAST CONCRETE VAULT
2	1	41"x44" FRAME & GRATE (CAST-IN)
3	1	23"x44" FRAME & GRATE (CAST-IN)
4	1	OVERFLOW WIER
5	1	4"x24" OVERFLOW OPENING
6	1	12"x12"x24" STEEL BASKET
7	1	GRAVEL
8	1	MULCH
9	1	SORBTIVE MEDIA
10	2	4" PERFORATED PVC PIPE w/ 3/4" HOLES
11	2	4" PVC ELL
12	2	4" PVC PIPE
13	1	4" PVC OUTLET PIPE
14	1	VEGETATION (VARIOUS OPTIONS AVAILABLE)
15	1	MEDIA PACK
16	1	JOINT SEALED w/ PLASTIC FLEXIBLE GASKET (RAMNEK)
17	1	NAMEPLATE INDICATING: MFG: ParkUSA 888-611-PARK WWW.PARKUSA.COM MODEL: MB-XX DATE MANUFACTURED



MEDIA BED DETAIL



PLAN VIEW



ELEVATION

SPECIFICATIONS

CONCRETE: CLASS I/II CONCRETE WITH DESIGN STRENGTH OF 4500 PSI AT 28 DAYS. UNIT IS OF MONOLITHIC CONSTRUCTION AT FLOOR AND FIRST STAGE OF WALL WITH SECTIONAL RISER TO REQUIRED DEPTH.

REINFORCEMENT: GRADE 60 REINFORCED WITH STEEL REBAR CONFORMING TO ASTM A615 ON REQUIRED CENTERS OR EQUAL.


MATERIALS: ACCESS FRAME & COVER SHALL BE FABRICATED WITH MIN. 1/4" THICK NONSKID FLOOR PLATE, BOLTDOWN, & LIFTING HANDLES. ALL MATERIALS TO BE CORROSION RESISTANT.

ENGINEERING DATA

INTERCEPTOR IS STRUCTURALLY AND HYDRAULICALLY ENGINEERED. NOMINAL TOTAL LIQUID CAPACITY AND OIL HOLDING CAPACITY AS INDICATED. RECOMMENDED FOR FLOW RATES OF 5 TO 180 GPM (CONSULT PARK FOR PROPER SIZING). MANUFACTURER SHALL SUBMIT PERFORMANCE CALCULATIONS FOR OIL & WATER SEPARATION CERTIFIED BY A LICENSED PROFESSIONAL ENGINEER UPON REQUEST. FIELD EXCAVATION AND PREPARATION SHALL BE COMPLETED PRIOR TO DELIVERY OF INTERCEPTOR.



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PROJECT: .	
CUSTOMER: .	
ENGINEER: .	
ORDER #: .	PROJ #: .
DATE: .	LOCATION: .
	
www.parkusa.com 888-611-PARK	
MARSH BASIN MODEL MB-1	
PM .	PC .
DRN .	ENG .
DWG. NO. MB-1	
DATE 01/2019	REV. .