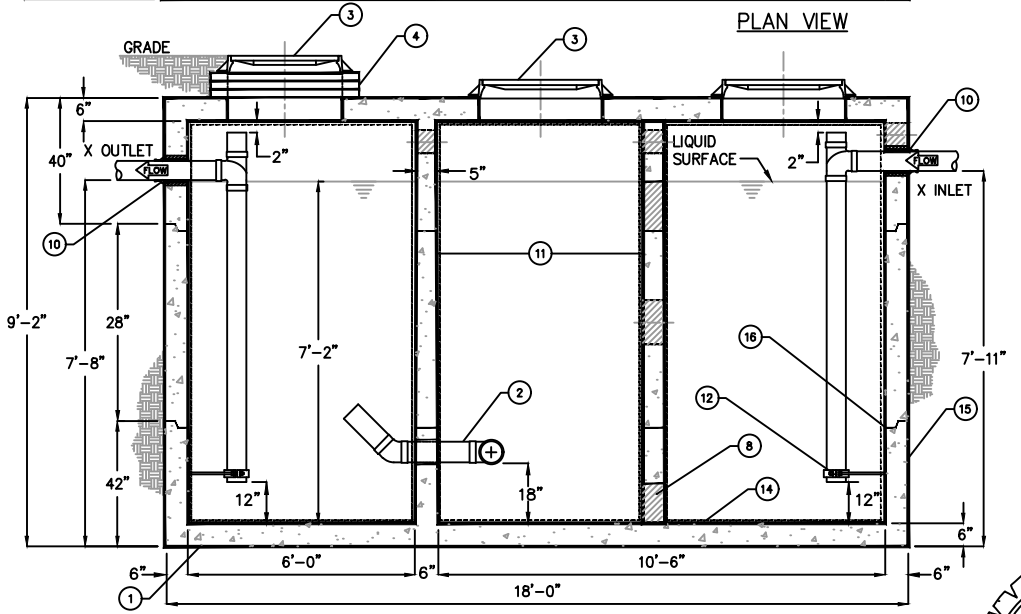
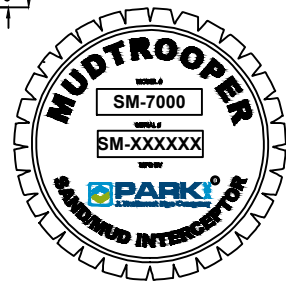


KEYED NOTES		
MARK	QTY	DESCRIPTION
1	1	PRECAST CONCRETE SAND-MUD INTERCEPTOR
2	1	4", 6", OR 8" PVC MANIFOLD
3	3	24" CAST IRON FRAME AND COVER
4	0	CONCRETE EXTENSION RINGS (AS REQUIRED)
5	1	X" VENT
6	4	4" VENT SLEEVE IN BAFFLE
7	1	8" Ø HOLE (TYP-2)
8	1	5'-0" x 1'-0" or 7'-0" x 1'-0" OPENING
9	2	INLET AND OUTLET SCH 40 PVC PIPING
10	2	RESILIENT RUBBER BOOT OR COUPLING
11	2	MONOLITHIC BAFFLE
12	1	GALVANIZED RISER SUPPORT
13	1	NAMEPLATE INDICATING: MFG: ParkUSA 888-611-PARK MODEL: SM-02 DATE MANUFACTURED
14	1	INTERIOR EPOXY COATING
15	1	EXTERIOR EPOXY COATING
16	1	WATERPROOF JOINT SEALED W/ PLASTIC FLEXIBLE GASKET



SAND-MUD INTERCEPTOR SCHEDULE							
MODEL NO.	CAPACITY USGal	EMPTY WT (LBS)	LENGTH L	WIDTH W	HEIGHT H	INLET FL1	OUTLET FL2
SM-7000	7,000	59,908	18'-0"	9'-0"	9'-2"	7'-11"	7'-8"
SM-8000	8,000	65,018	18'-0"	9'-0"	10'-0"	8'-9"	8'-6"
SM-9000	9,000	69,116	18'-0"	9'-0"	10'-10"	9'-7"	9'-4"
SM-10000	10,000	85,760	21'-2"	11'-2"	8'-8"	7'-5"	7'-2"
SM-11000	11,000	89,950	21'-2"	11'-2"	9'-6"	8'-3"	8'-0"
SM-12000	12,000	93,280	21'-2"	11'-2"	10'-0"	8'-9"	8'-6"
SM-13000	13,000	97,960	21'-2"	11'-2"	10'-6"	9'-3"	9'-0"
SM-14000	14,000	101,040	21'-2"	11'-2"	11'-2"	9'-11"	9'-8"
SM-15000	15,000	107,700	21'-2"	11'-2"	12'-2"	10'-11"	10'-8"

OTHER SIZES ARE AVAILABLE. CONTACT US FOR MORE INFORMATION



- APPLICATIONS**
- ▣ AGRABUSINESS
 - ▣ LIVESTOCK/BARN
 - ▣ MANUFACTURING AREAS
 - ▣ MANUFACTURING FACILITY EFFLUENT WATER

GENERAL INFORMATION

THE SMCS SAND/MUD INTERCEPTOR IS USED TO PREVENT POTENTIALLY HARMFUL DEBRIS FROM ENTERING INTO THE PUBLIC SANITARY SEWER. THE MULTI-CHAMBER TANK SEPARATES & COLLECTS THE DEBRIS FROM THE WASTEWATER. AN EFFLUENT SCREEN POLISHES THE WASTEWATER PRIOR TO ENTERING THE PUBLIC SEWER. A SERVICE ALERT SYSTEM WILL INDICATE WHEN SERVICE IS NEEDED. EASY MAINTENANCE IS PERFORMED BY PUMPING OUT THE UNIT BY A PROFESSIONAL WASTE DISPOSAL SERVICE. THE EFFLUENT SCREEN CAN BE REMOVED & CLEANED AS REQUIRED.

SPECIFICATIONS

- CONCRETE:** CLASS I/II CONCRETE WITH DESIGN STRENGTH OF 4500 PSI AT 28 DAYS. UNIT IS OF MONOLITHIC CONSTRUCTION AT FLOOR, FIRST STAGE OF WALL AND BAFFLE WITH SECTIONAL RISER TO REQUIRED DEPTH. GROSS EMPTY WEIGHT OF APPROXIMATELY 59,908 LBS.
- REINFORCEMENT:** GRADE 60 REINFORCED WITH STEEL REBAR CONFORMING TO ASTM A615 ON REQUIRED CENTERS OR EQUAL. STRUCTURAL DESIGN IS BASED ON AASHTO HS-20 LOADING.
- C.I. CASTINGS:** MANHOLE FRAMES, COVERS OR GRATES ARE MANUFACTURED OF GREY CAST IRON CONFORMING TO ASTM A48 CLASS 30. MANHOLE SHALL HAVE 24 INCH INSIDE DIAMETER AND BE TRAFFIC DUTY.

ENGINEERING DATA

INTERCEPTOR IS STRUCTURALLY AND HYDRAULICALLY ENGINEERED CONFORMING TO UNIFORM PLUMBING CODE. NOMINAL LIQUID CAPACITY IS 7,000 GALLONS WITH TOTAL SOLIDS RETENTION CAPACITY OF APPROXIMATELY 16,200 LBS. MANUFACTURER TO PROVIDE STRUCTURAL DRAWINGS & BUOYANCY CALCULATIONS CERTIFIED BY A LICENSED ENGINEER UPON REQUEST. FIELD EXCAVATION AND PREPARATION SHALL BE COMPLETED PRIOR TO DELIVERY OF INTERCEPTOR. USE DIMENSIONAL DATA AS SHOWN.

HEAVIEST PIECE 26,100 LBS © ParkUSA. ALL RIGHTS RESERVED.



SAND/MUD INTERCEPTOR
MODEL SM SIZE 7000 GALLONS

PM	PC	DRN	ENG	DWG. NO.	REV.
				SM-2	A
DATE				2023	



CREATED ON 4/19/2024 BY: [redacted]
LAST MODIFIED ON 4/19/2024 4:17 PM BY: kvu

PLOTTED ON 4/19/2024 4:17 PM BY: kvu, kette, c:\Users\kvu\Desktop\file replacement website\SM-2