## DRAWING NOT TO BE USED FOR CONSTRUCTION FRAME AND COVER EMBOSSED "STORMCEPTOR". GRADE ADJUSTER TO SUIT FINISHED GRADE CONCRETE RISERS AND BASE COMPONENTS OUTLET PLATFORM-C/W RUBBER GASKETS FOR JOINTS. MANUFACTURED TO CSA & OPS STDS. **OUTLET RISER &** TO SUIT MAINTENANCE ACCESS **FINISHED** OUTLET PIPE SIZE BASED ON GRADE OUTLET RISER VANE-1524 [60"] MIN. SEWER DESIGN. FLEXIBLE BOOT OR GROUTED TO CONCRETE DROP PIPE RISER SECTION. 508 [20"] NLET OUTLET/ SINGLE OR MULTIPLE INLET PIPE 25mm [1"] DIFFERENCE BETWEEN-279 [11"] INLET AND OUTLET INVERT OUTLET INLET FRAME AND COVER, MIN. Ø575 [22" TO BE LOCATED OVER DROP PIPE -OUTLET RISER 3913 [154"] 3887 [153"] OPTIONAL INLET FRAME AND GRATE -OUTLET RISER VANE MIN. 610x610 mm [24"x24"] TO BE LOCATED OVER DROP PIPE. 2986 [117 1/2"] FRAMES AND COVERS (MIN. Ø575 [22"]) **Storm**cept TO BE LOCATED OVER MAINTENANCÉ -DROP PIPE\* ACCESS AND OIL INSPECTION PORT. -STORAGE SUMP OIL INSPECTION PORT PLAN VIEW -3658 [144"]-SECTION VIEW **INSTALLATION NOTES**

- MAXIMUM SURFACE LOADING RATE (SLR) INTO LOWER CHAMBER THROUGH DROP PIPE IS 1135 L/min/m $^2$  (27.9 gpm/ft $^2$ ) FOR STORMCEPTOR EF12 AND 535 L/min/m<sup>2</sup> (13.1 gpm/ft<sup>2</sup>) FOR STORMCEPTOR EFO12 (OIL CAPTURE CONFIGURATION).
- ALL DIMENSIONS INDICATED ARE IN MILLIMETERS (INCHES) UNLESS OTHERWISE SPECIFIED.
- STORMCEPTOR STRUCTURE INLET AND OUTLET PIPE SIZE AND ORIENTATION SHOWN FOR INFORMATIONAL PURPOSES ONLY.
- UNLESS OTHERWISE NOTED, BYPASS INFRASTRUCTURE, SUCH AS ALL UPSTREAM DIVERSION STRUCTURES, CONNECTING STRUCTURES, OR PIPE CONDUITS CONNECTING TO COMPLETE THE STORMCEPTOR SYSTEM SHALL BE PROVIDED AND ADDRESSED SEPARATELY.
- DRAWING FOR INFORMATION PURPOSES ONLY. REFER TO ENGINEER'S SITE/UTILITY PLAN FOR STRUCTURE ORIENTATION.
- NO PRODUCT SUBSTITUTIONS SHALL BE ACCEPTED UNLESS SUBMITTED 10 DAYS PRIOR TO PROJECT BID DATE, OR AS DIRECTED BY THE ENGINEER OF

FOR SITE SPECIFIC DRAWINGS PLEASE CONTACT YOUR LOCAL STORMCEPTOR REPRESENTATIVE. SITE SPECIFIC DRAWINGS ARE BASED ON THE BEST AVAILABLE INFORMATION AT THE TIME. SOME FIELD REVISIONS TO THE SYSTEM LOCATION OR CONNECTION PIPING MAY BE NECESSARY BASED ON AVAILABLE SPACE OR SITE CONFIGURATION REVISIONS. ELEVATIONS SHOULD BE MAINTAINED EXCEPT WHERE NOTED ON BYPASS STRUCTURE (IF REQUIRED).

- A. ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OF RECORD.
- B. CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH CAPACITY TO LIFT AND SET THE STRUCTURE (LIFTING CLUTCHES PROVIDED)
- C. CONTRACTOR WILL INSTALL AND LEVEL THE STRUCTURE, SEALING THE JOINTS, LINE ENTRY AND EXIT POINTS (NON-SHRINK GROUT WITH APPROVED WATERSTOP OR FLEXIBLE BOOT)
- D. CONTRACTOR TO TAKE APPROPRIATE MEASURES TO PROTECT THE DEVICE FROM CONSTRUCTION-RELATED EROSION RUNOFF.
- E. DEVICE ACTIVATION, BY CONTRACTOR, SHALL OCCUR ONLY AFTER SITE HAS BEEN STABILIZED AND THE STORMCEPTOR UNIT IS CLEAN AND FREE OF DEBRIS.

STANDARD DETAIL NOT FOR CONSTRUCTION

SITE SPECIFIC DATA REQUIREMENTS							(%) 11.13.49 14.16.980.9800 14.16.980.9800 14.16.980.9800 14.10.19.19.19.19.19.19.19.19.19.19.19.19.19.		
STORMCEPTOR MODEL			EF		_	NUL +1 NUL +1 NU			
STRUCTURE ID *							MHITS 1999		
HYDROCARBON STORAGE REQ'D (L) *							16-90-		
WATER QUALITY FLOW RATE (L/s) *							FAIRVIEW DI 6-4801 CA 4 6-4801 CA 4 700 Maria 1990 1890 A 1990 A 1990 1890 A 1990 A 1990 A 1990 1890 A 1990 A 1990 A 1990 A 1990 1890 A 1990 A 1990 A 1990 A 1990 A 1990 1890 A 1990 A		
PEAK FLOW RATE (L/s) *									
RETURN PERIOD OF PEAK FLOW (yrs) *							800-56 800-56 1-1-1-1-1		
DRAINAGE AREA (HA) *								F F F F	
DRAINAGE AREA IMPERVIOUSNESS (%)					*		DATE: 10/24/2017		
PIPE DATA:	I.E.	MAT'L	DIA	SLOPE	% H	GL	DESIGNED:	DRAWN:	
INLET #1	*	*	*	*	*		JSK CHECKED:	JSK APPROVED:	
INLET #2	*	*	*	*	*		BSF	SP	
OUTLET	*	*	*	*	*		PROJECT No.:	SEQUENCE No.:	
* PER ENGINEER OF RECORD							EFO12 SHEET: 1	OF 1	