## DRAWING NOT TO BE USED FOR CONSTRUCTION COMPACT OUTLET PLATFORM-FRAME AND COVER EMBOSSED OUTLET RISER & "STORMCEPTOR". MAINTENANCE ACCESS GRADE ADJUSTER TO SUIT OUTLET RISER VANE-FINISHED GRADE DROP PIPE CONCRETE RISERS AND BASE COMPONENTS C/W RUBBER GASKETS FOR JOINTS. SINGLE OR MULTIPLE INLET PIPE MANUFACTURED TO CSA & OPS STDS. 25mm [1"] DIFFERENCE BETWEEN-4. INLET AND OUTLET INVERT OUTLET PIPE SIZE BASED ON TO SUIT SEWER DESIGN. FLEXIBLE BOOT FINISHED **GRADE** OR GROUTED TO CONCRETE 864 [34"] MIN. RISER SECTION. OUTLET NILET. **ÖÜTLET** FRAME AND COVER, MIN. Ø575 [22"] 279 [11"] TO BE LOCATED OVER DROP PIPE OPTIONAL INLET FRAME AND GRATE MIN. 610x610 mm [24"x24"] TO BE LOCATED OVER DROP PIPE -OUTLET RISER -OUTLET RISER VANE FRAMES AND COVERS (MIN. Ø575 [22"]) TO BE LOCATED OVER MAINTENANCÉ 3913 [154"] 3887 [153"] ACCESS AND OIL INSPECTION PIPE. OIL INSPECTION PIPE PLAN VIEW 2986 [117 1/2"] -DROP PIPE\* 758 [29 7/8"] -STORAGE SUMP Stormce -3658 [144**"**]— SECTION VIEW -1432 [56 3/8"]-PLAN VIEW **INSTALLATION NOTES** MAXIMUM SURFACE LOADING RATE (SLR) INTO LOWER CHAMBER THROUGH A. ANY SUB-BASE, BACKFILL DEPTH, AND/OR ANTI-FLOTATION PROVISIONS ARE DROP PIPE IS 1135 L/min/m $^2$ (27.9 gpm/ft $^2$ ) FOR STORMCEPTOR EF12 AND 535 SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY L/min/m<sup>2</sup> (13.1 gpm/ft<sup>2</sup>) FOR STORMCEPTOR EFO12 (OIL CAPTURE ENGINEER OF RECORD. CONFIGURATION). B. CONTRACTOR TO PROVIDE EQUIPMENT WITH SUFFICIENT LIFTING AND REACH SITE SPECIFIC DATA REQUIREMENTS 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.

EXCEPT WHERE NOTED ON BYPASS STRUCTURE (IF REQUIRED).

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

- 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

## STORMCEPTOR MODEL STRUCTURE ID WATER QUALITY FLOW RATE (L/s) PEAK FLOW RATE (L/s) RETURN PERIOD OF PEAK FLOW (yrs) DRAINAGE AREA (HA) DRAINAGE AREA IMPERVIOUSNESS (%) 7/17/2018 PIPE DATA: I.E. MAT'L DIA SLOPE % HGL ESIGNE JSK JSK INLET #1 PPROVED INLET #2 OUTLET ROJECT N SEQUENCE No. EF12-C PER ENGINEER OF RECORD

1 of 1