

CONCRETE TO BE 28 DAY COMPRESSIVE STRENGTH TO 4000 PSI

ASTM A615; CONNECTED

WITH TIE WIRE REBAR TO BE 2.5" FROM

ALL PENETRATIONS TO BE SLEEVED OR HAVE

SLIP CONNECTIONS
MINIMUM 36" FROM TOP
OF SLAB TO TOP OF TANK

EXTEND COMPACTED

BACKFILL A MINIMUM 3 FT. BEYOND ALL SIDES

NO. 4 REBAR Ø 1/2") GRADE 60 STEEL PER

FACE OF CONCRETE

REBAR SPACING 12" GRID, 4" SPACING AROUND ACCESS

OPENINGS

OF TANK

NOTES: 1. FOR GRAVITY APPLICATIONS ONLY. 2. ALL PROCEPTOR UNITS ARE MANUFACTURED WITH FIBERGLASS REINFORCED PLASTICS. PHYSICAL CHARACTERISTICS AND THICKNESS: PHYSICAL CHARACTERISTICS AND THICKNESS. ISOPHTHALIC POLYESTER RESIN AND EGLASS. MINIMUM THICKNESS OF 1/4" WALL AND 3/8" TOP AND BOTTOM BOWLS. A MINIMUM (EACH) OF 3.5 FT OF COVER AND 1.09% SLOPE BAFFLE ACCESSWAY IS REQUIRED FOR ALL EXTERIOR 4" OR 6" PIPING. Ø3" VENT PORTS (2) 2 - 4" VENTS TO INSIDE OF BUILDING. MAXIMUM BURIAL DEPTH = 7 FEET (GRADE TO INVERT OF INLET) (GKADE TO INVEKT OF INILET) FOR DEEPER INSTALLATIONS CALL GREEN TURTLE FOR CUSTOM REINFORCEMENT. 3. ALL PROCEPTOR UNITS ARE TO BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AT LEFT. 4. GMC/OMC 50-300 UNITS COME STANDARD WITH 4"INLET AND OUTLET (OTHER CUSTOM SIZES AVAILABLE AT EXTRA CHARGE). (SEE NOTE 6) INLET 5. ALL INTERNAL PIPING IS SCHEDULE 40 PVC. EITHER 4" OR 6" INTERNAL PIPING MAY BE REQUIRED IN FOX METRO'S SERVICE AREA. REFER TO THE APPROVED PLANS FOR SERVICE AREA. REFER 10 THE APPROVED PLANS POR"). SIZING OF THE DOWNSTREAM SEWER SERVICE (4" OR 6"). CONTRACTOR SHALL PROVIDE CONNECTIONS IF APPLICABLE. REFER TO FOX METRO FOR CLEANOUT AND SAMPLE PORT COVER DETAIL. 6. FOR ALL 50-300 GALLON UNTS, IN LIEU OF SEPARATE VENTING, A.1-1/2" **TOP VIEW** HOLE SHALL BE PROVIDED ON EACH INLET/OUTLET BAFFLE, JUST BELOW THE TOP OF THE TANK. THE TOP OF THE TANK. 7. EXTENSION COLLAR TO BE ORDERED TO MEET FINISHED GRADE, CUT ON SITE FOR FINAL ADJUSTMENT AND CAULKED WITH SIKAFLEX BY CONTRACTOR FOR CAULTED WATERTIGHT SEAL. 8. COVERS AVAILABLE FOR H20 TRAFFIC LOADING, PEDESTRIAN LOADING OR ABOVE GROUND INSTALLATION. 9. CONSULT GREEN TURTLE FOR OTHER SIZES. 1-1/2" HOLE (TYP) 10. ALL UNITS ARE FACTORY TESTED. 11. 30 YEAR WARRANTY AGAINST LEAKS, AND STRUCTURAL FAILURE. 12. U.S. PATENT # 5,746,912; CND PATENT # 2,195,822. SEE NOTE 6 PIPE CONNECTION MEETING ASTM D-2241 (2) (INLETS AND OUTLETS) JOINED WITH NON-SHEAR COUPLING (2 TOTAL) Ø24"

ISOMETRIC VIEW

OUTLET

STANDARD MISSION BANDS ALLOWED FOR CLEANOUT RISERS ONLY.

SEE NOTE 5-

_d₄

IF VEHICLE TRAFFIC LOADING CONDITIONS EXIST USE REINFORCED CONCRETE RELIEVING SLAB DESIGNED BY ENGINEER C/O (2) Ø 24" FRAME AND COVER COLLAR (EC2) HEIGHT EXTENSION TRIMMABLE ON SITE COLLAR AS REQUIRED SEE TABLE COMPACTED PEA GRAVEL IF OVER 6 FT. REQUIRES FACTORY (OR APPROVED EQUIVALENT REINFORCEMENT COMPACTED TO 98% SPD) OF TANK INLET NJTLET-DRY WEIGHT OF TANK (SEE NOTE 2 BELOW WIDTH 32"--LENGTH 62' AND NOTE 6 ABOVE RIGHT) 150lbs BURIAL ANTI-BUOYANCY SLAB FOR HIGH WATER TABLE В DEPTH CONDITIONS ONLY 3000 psi CONCRETE READY MIX POUR 12" HORIZONTALLY ALL AROUND BASE OF UNIT Max. 6'-8" 6 ft. NOTES: Min. 46" 38" MIN. 6" COMPACTED PEA GRAVEI REFER TO INSTALLATION PROCEDURE AND INSTALLATION CHECKLIST. PROCEPTOR SEPARATORS MUST BE INSTALLED IN ACCORDANCE WITH ALL RELEVANT FEDERAL, PROVINCIAL/STATE, AND LOCAL CODES INCLUDING LOCAL PLUMBING CODE. US PATENT # 5,746,912; CON PATENT # 2,195,822 (OR APPROVED BACKFILL COMPACTED TO 98% SPD) **INSTALLATION DETAILS**

INTERCEPTOR DETAILS

SIDE VIEW

20'

	TITLE: PROCEPTOR OIL AND GREASE SEPARATOR	REV	DATE	DRAWN			Proceptor*	
	DETAIL AND INSTALL COMPILATION	1	JUNE 28, 2016		_		i iocopioi	
	GMC 100 FM	3						
LY	ALL DIMENSIONS IN INCHES	4					7i idn	
	PROJECT: WO:	5						
	FOX METRO	7			┨	US 877 428 8187 CAN 877 966 9444 www.greenturtletech.com		
		8						
		9						
		10		L	SIZE	DWG.	NO. 1C 100 IV FM PACKAGE	REV.
		_	AWN BY: S. MANGAT	1012	SCAL		DO NOT SCALE DRAWING	_
		DRA	AWN DATE: JUNE 04, 2	2013	SCAL	E.IVI3	DO NOT SCALE DRAWING	