CARLOW CONCRETE TANKS ——

DRAWING TITLE:

FULL RETENTION RANGE CP3FR 500 GALLON (2.2m3) FIA3 FILTER GENERAL LAYOUT Drawn By: T. Armstrong

Date: 01/12/08

Revision: A (16/12/09)

UNIT REF	MAX FLOW	DRAINAGE	NOMINAL	SILT STORAGE	INLET INVERT TO	STANDARD PIPE
CODE	RATE (I/s)	AREA (m²)	OIL STORAGE (L)	CAPACITY (L)	BASE (mm)	SIZE O.D. (mm)
CP3FR	3.0	165	30	300	1,825	

STANDARD DESIGN LOADS:

LID:

IMPOSED LOAD: 10 kN/m2 UDL OR 5,850 kg WHEEL LOAD

DEAD LOAD: UP TO 1m OVERBURDEN

HEAVY DUTY OR CUSTOM LIDS CAN BE MANUFACTURED FOR

MORE ONEROUS APPLICATIONS.

TANK:

IMPOSED SURCHARGE: 10 kN/m² UDL (HA LOADING

EQUIVALENT TO BS 5400-2)

NOTE: VERY LARGE POINT LOADS SUCH AS THOSE FROM CRANE OUTRIGGERS SHOULD BE AVOIDED IN THE

IMMEDIATE VICINITY OF THE TANK

STANDARD ACCESS OPENING SIZE:

- 600mm x 600mm

NON STANDARD SIZES ARE AVAILABLE ON REQUEST

STANDARD UNIT WEIGHTS:

- TANK: 1.9 tonnes - COVER SLAB: 0.66 tonnes





