

# CARLOW CONCRETE TANKS

**DRAWING TITLE:**  
 FULL RETENTION RANGE  
 CP25FR 3500 GALLON (15.9m<sup>3</sup>)  
 FIA 30 FILTER  
 GENERAL LAYOUT

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**Revision:** A (16/12/09)

UNIT REF CODE	MAX FLOW RATE (l/s)	DRAINAGE AREA (m <sup>2</sup> )	NOMINAL OIL STORAGE (L)	SILT STORAGE CAPACITY (L)	INLET INVERT TO BASE (mm)	STANDARD PIPE SIZE O.D. (mm)
CP25FR	25.0	1,385	250	2,500	2,400	225 Dia

**STANDARD DESIGN LOADS:**

**LID:**

IMPOSED LOAD: 10 kN/m<sup>2</sup> 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/m<sup>2</sup> 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: 6.9 tonnes  
 - COVER SLAB: 3.5 tonnes

