

Typical Details And Sizings, Final
 Manufacturer, Sizings And Requirements
 Subject To Detailed Design'

DO NOT SCALE FROM THIS DRAWING. USE FIGURED DIMENSIONS IN ALL CASES.
 VERIFY DIMENSIONS ON SITE AND REPORT ANY DISCREPANCIES TO THE DESIGNERS IMMEDIATELY.
 THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE DESIGNERS SPECIFICATION
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- NOTES:
1. ALL DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL RELEVANT SPECIFICATIONS, BILLS OF QUANTITIES, ARCHITECTURAL, SERVICES AND ENGINEERING DRAWINGS.
 2. ALL LEVELS ARE IN METRES RELATED TO ORDNANCE DATUM MALIN HEAD.
 3. ANY DISCREPANCIES BETWEEN THESE DOCUMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
 4. DRAWINGS ARE NOT TO BE SCALED.
 5. ALL DIMENSIONS ARE IN MILLIMETRES, UNLESS NOTED OTHERWISE.

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)	

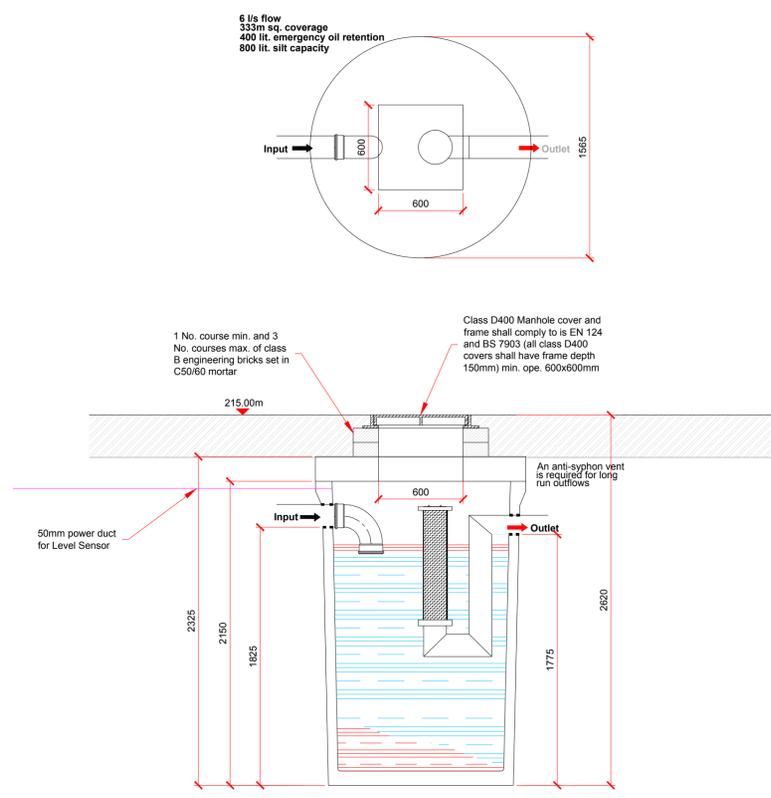
UNIT REF CODE	MAX FLOW RATE (l/s)	DRAINAGE AREA (m ²)	NOMINAL OIL STORAGE (L)	SILT STORAGE CAPACITY (L)	INLET INVERT TO BASE (mm)	STANDARD PIPE SIZE O.D. (mm)
CP3FR	3.0	165	30	300	1,825	110 Dia

STANDARD DESIGN LOADS:
LID: IMPOSED LOAD: 10 kN/m² UDL OR 5,850 kg WHEEL LOAD UP TO 1m OVERBURDEN
 DEAD LOAD:
 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

SECTION SCALE: 1:35
ROOF PLAN SCALE: 1:25
PLAN VIEW SCALE: 1:25



Full Retention Class 1
 CP3FR, FIA Filter, Volume 2,200 lit
 Scale 1:25

NOTE:
 Details as per Carlow Concrete Tanks, or similar approved.
 Tanks are to be installed and backfilled to manufacturer's requirements.
 Concrete lid and tank structure to be designed to suit loading conditions and approved prior to installation.

REV	DATE	DESCRIPTION	BY	APP
P01	26/02/2021	ISSUED FOR PLANNING	JK	GT

PROJECT: Proposed Kilcumber Bridge 110kv Substation

TITLE: Full Retention Class 1 Interceptor Details

CLIENT:

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DRAWN: JK	CHECKED: GT	APPROVED: GT
DATE: January 2021	SCALE @ A1: As Shown	
PROJECT NUMBER: 21280	DRAWING STATUS: S2	
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