

Typical Details And Sizings, Final  
 Manufacturer, Sizings And Requirements  
 Subject To Detailed Design¹

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.
  6. THE FINALISED LAYOUT MAY BE SUBJECT TO MICRO-SITING DUE TO UNFORESEEN GROUND CONDITIONS. THE EXTENT OF FLEXIBILITY WILL BE SITE SPECIFIC AND SHOULD GENERALLY NOT EXTEND BEYOND 20 METRES.

REFERENCE DRAWINGS:

DRAWING No.	Description
19876-MWP-00-00-DR-C-5005	Proposed Site Layout - Master Sheet
19876-MWP-00-00-DR-C-5409	Proposed Substation Compound Layout

**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)

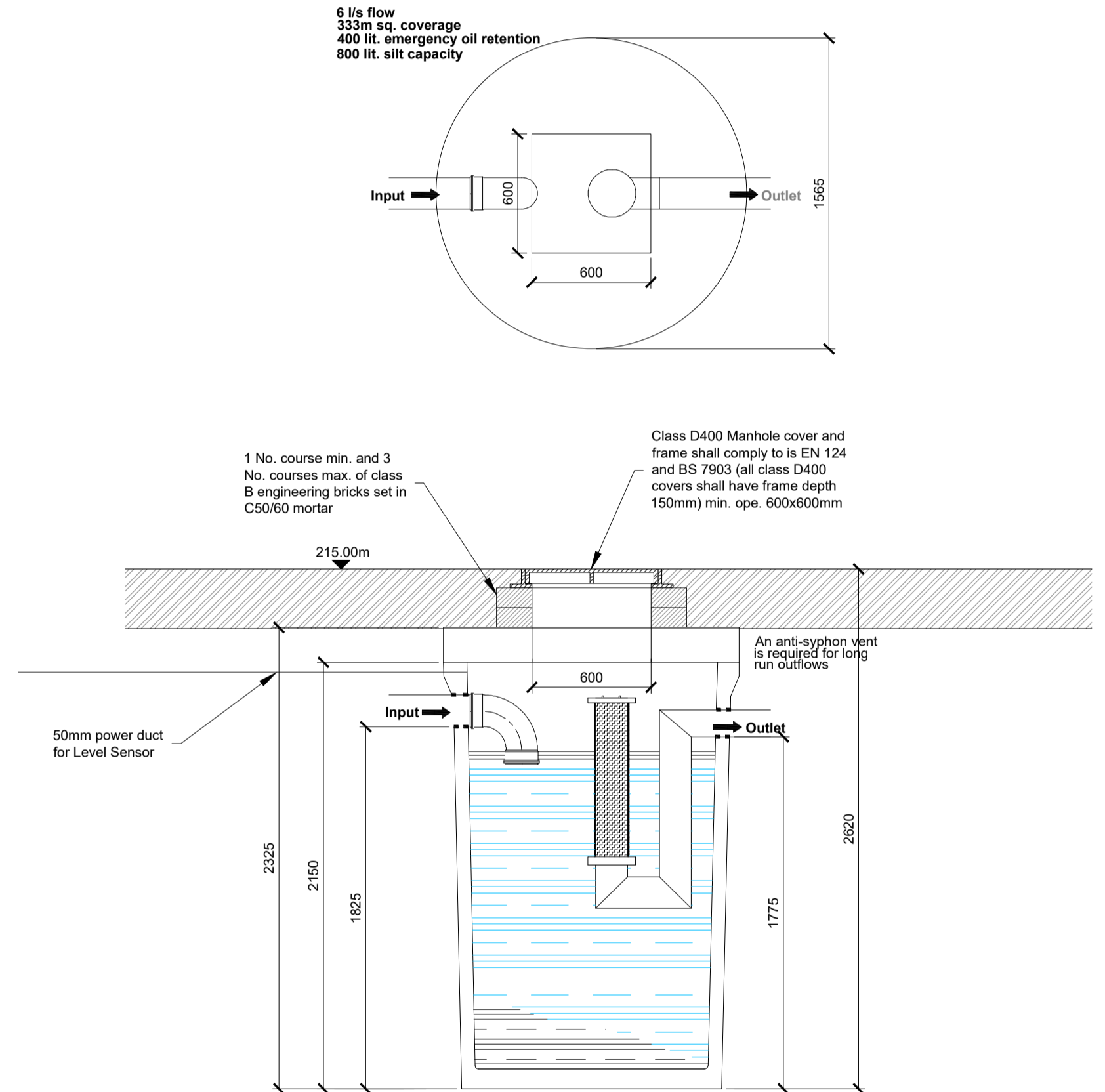
UNIT REF CODE	MAX FLOW RATE (l/s)	DRAINAGE AREA (m²)	NOMINAL OIL STORAGE (L)	SILT STORAGE CAPACITY (L)	INLET INVERT TO BASE (mm)	STANDARD PIPE SIZE O.D. (mm)
CP3FR	3.0	165	30	300	1,825	110 Dia

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

P01	14/01/2021	Issued For Planning	JK	KF
REV	DATE	DESCRIPTION	BY	APP
PROJECT: Shronowen Wind Farm				
TITLE: Substation Compound Full Retention Class 1 Interceptor Details				
CLIENT: Shronowen Wind Farm Limited				
<p><b>Malachy Walsh and Partners</b>        Engineering and Environmental Consultants        Cork   Tralee   London   Limerick</p> <p>Reen Point, Blennerville, Tralee, Co. Kerry, V92 X2TK        Tel: +353 (0) 66 7123404        Fax: +353 (0) 66 7125686        E-mail: tralee@mwp.ie        Web: www.mwp.ie</p>				
DRAWN:	JK	CHECKED:	PC	APPROVED:
DATE:	September 2020	SCALE @ A1:	As Shown	PC
PROJECT NUMBER:	19876	DRAWING STATUS:	S2	
DRAWING NUMBER:	19876-MWP-00-00-DR-C-5415	REV:	P01	