VENT STACK DETAIL

3.0m High Vent Stack

1145

Ground Level

Backfill

1010

Vent to be brought to Palisade Fence

4 No. 200mm Deep M24 Fixing Bolts

650

1.4x1.2x0.65 Mass Concrete Base

SECTION Scale 1:50

Vent to be brought to Palisade Fence

Wall Of Chamber

1.4x1.2x0.65 Mass Concrete Base

PLAN Scale 1:50

Tank Vertical Section

Ground Level

1 No. course min. and 3 No. courses max. of class B engineering bricks set in C50/60 mortar

Class D400 Manhole cover and frame shall comply to is EN 124 and BS 7903 (all class D400 covers shall have frame depth 150mm) min. ope. 600x600mm

Ground Level

675 Max.

600

Precast concrete manhole rings to IS 420 in conjunction with is EN 1917 : 2004

175

50mm power duct to high level alarm

Input →

Foul Holding Tank back filled with SR21 compliant stone fill

500   150   500

300

300mm Thk RC Base with 2 layers A393 mesh (1T,1B)

Lid Section

175

Tank Top Plan

Lid Top Plan

600

600

FOUL SEWER HOLDING TANK
(Volume 5m³)
Scale 1:25

Date:	Rev:	Description:		Drawn By:

Prepared By:

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Client:
Pinewood Wind Limited

Job Title:
Pinewoods Wind Farm Substation & Grid Connection

Drawing Title:
Figure 14: Typical Foul Holding Tank Details

Drawing No.	Revision No.
PIN001SUBSTN_PAG_GA-0.08	Rev 00

Scale:	Date:
A1 - AS SHOWN	10/09/2020

Drawn By:	Checked By:	Confirmed By:
J.B.	C.M.P.	S.C.