

Proposal Details

Proposal Name	Erection of wind turbine at Whinnyhaugh Farm, Garmouth
Proposal Description	Erection of 20kW turbine (13.1 metre rotor diameter) and installation of underground cables to provide source of renewable energy at Whinnyhaugh Farm, Garmouth
Address	Easting: 333324 - Northing: 864852
Local Authority	Moray Council
Application Online Reference	000049450-002

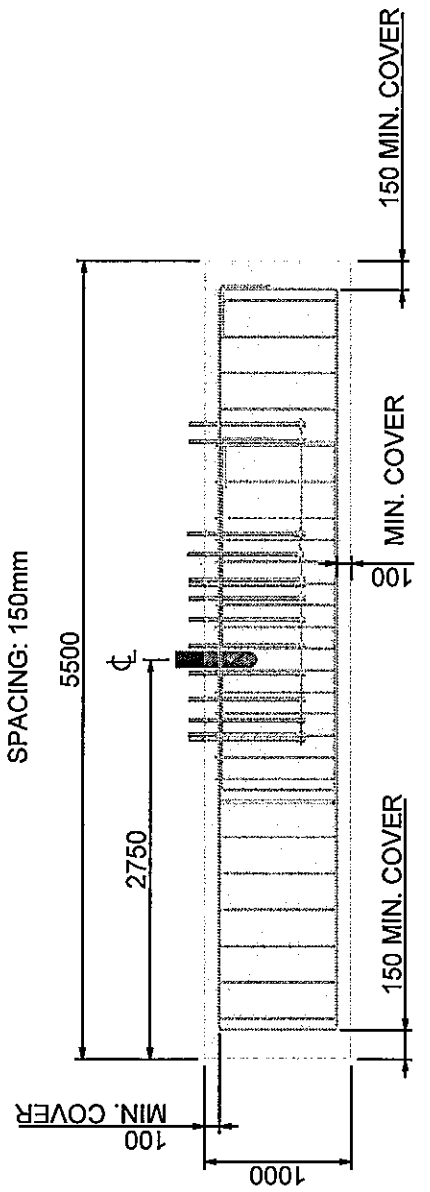
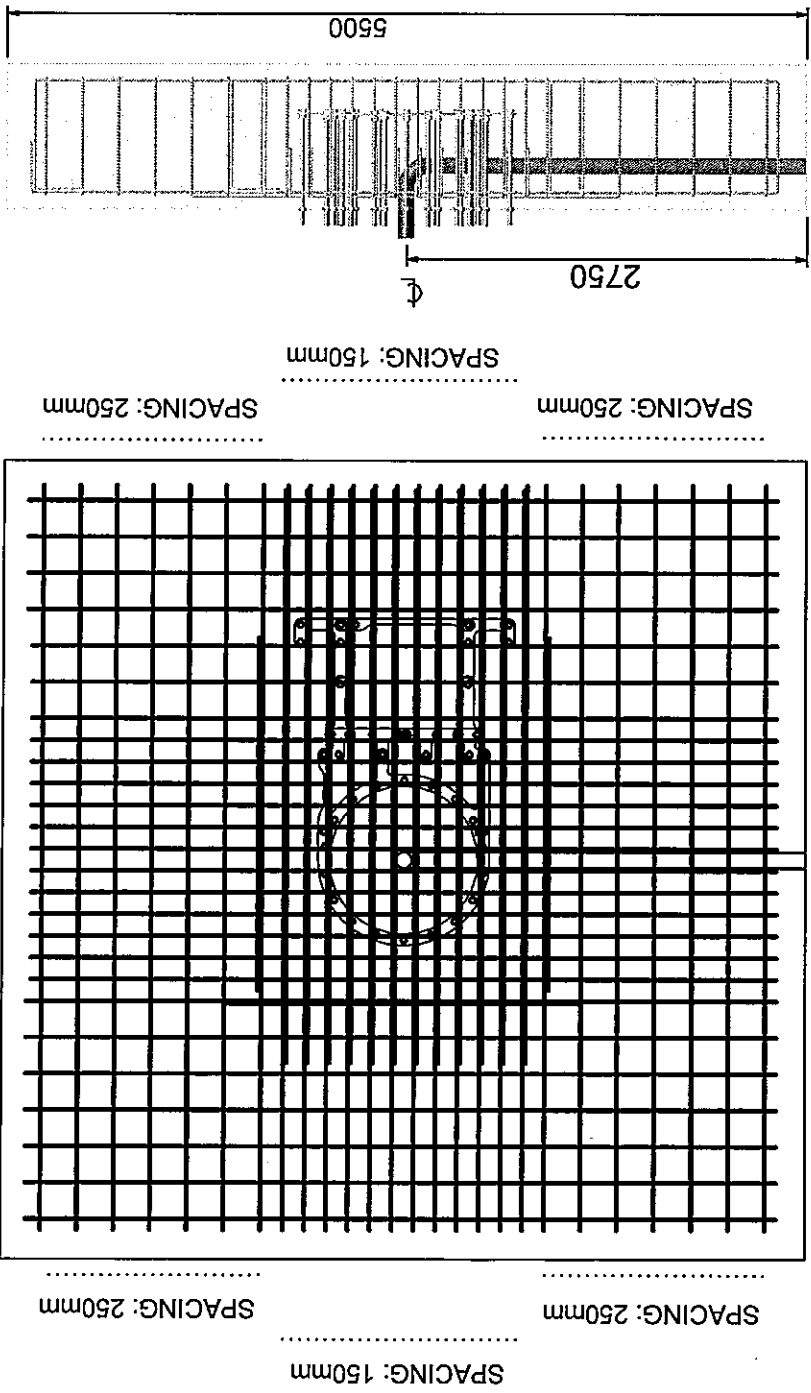
Application Status

Form	optional
Main Details	complete
Checklist	complete
Declaration	complete
Supporting Documentation	complete
Email Notification	complete

Attachment Details

Appeals against Refusals and other decisions	System	A4
Detail	Attached	A3
Foundation Drawings	Attached	A3
Location	Attached	A3
Looking back toward farm	Attached	Not Applicable
Looking East	Attached	Not Applicable
Looking South	Attached	Not Applicable
Looking West	Attached	Not Applicable
Original Application	Attached	A4
Turbine Elevations	Attached	A3

REV	NPI#	SUMMARY OF CHANGES	DATE	BY	CHKD
A	-	PRODUCTION RELEASE	21-Jan-11	CON	-
B	-	CHANGED QUANTITIES OF REBARS 23, 24, 26	01-Feb-11	CON	-



- FOUNDATION DESIGN BASED UPON ALLOWABLE NET SOIL BEARING PRESSURE OF MIN. 100kN/sq.m
- MINIMUM COVER TO BE 100mm.
- CONCRETE TO BE C35 TO BS8110 USING OPC AND 20mm MAX. AGGREGATE SIZE.
- MAX. FREE WATER/CEMENT RATIO 0.55.
- MINIMUM CEMENT CONTENT OF 325 Kg/m.
- MONOPOLE BASEPLATE, TEMPLATES, DUCTING AND BOLTING ARRANGEMENT DETAILED SEPARATELY.
- DUCTING TO BE A MAXIMUM OF 110mm DIAMETER
- FOUNDATION SIZE FOR 15kW AND 20kW TURBINES:
 5.5x5.5x1.0m (30 CU. METRES)
 Vref=50m/s → FOS > 1.5
 Vref=42.5m/s → FOS > 2.0



PART NUMBER: A-0920	
DESCRIPTION: 5.5 SQ. FOUNDATION	QTY PER UNIT: 1
MATERIAL: -	SCALE: 1:1
DRAWN: C O'Neill	DWG SIZE: A4
CHECKED: -	SPRINT TO SCALE
DATE: 21-Jan-11	SHEET: 1 OF 1