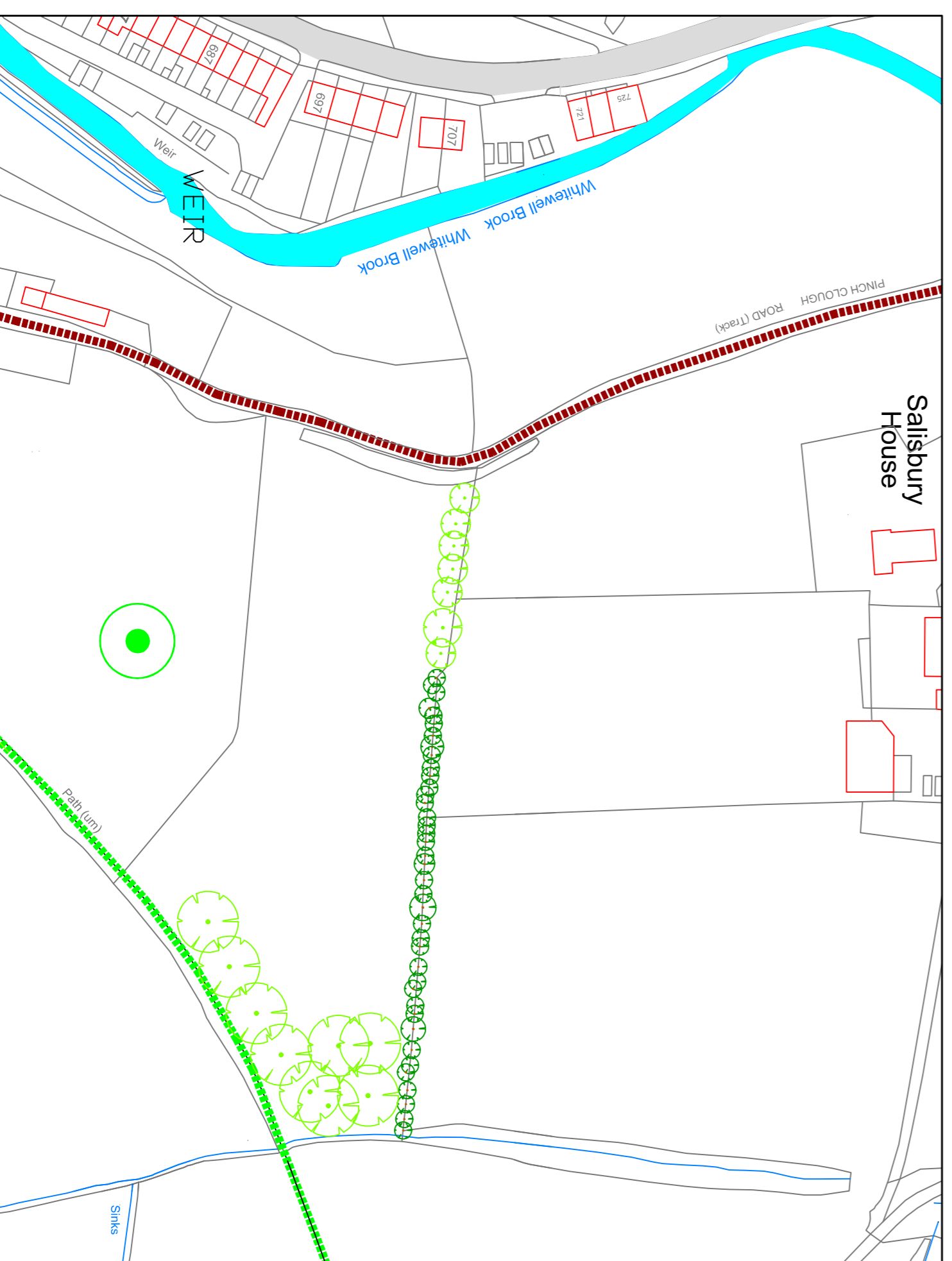
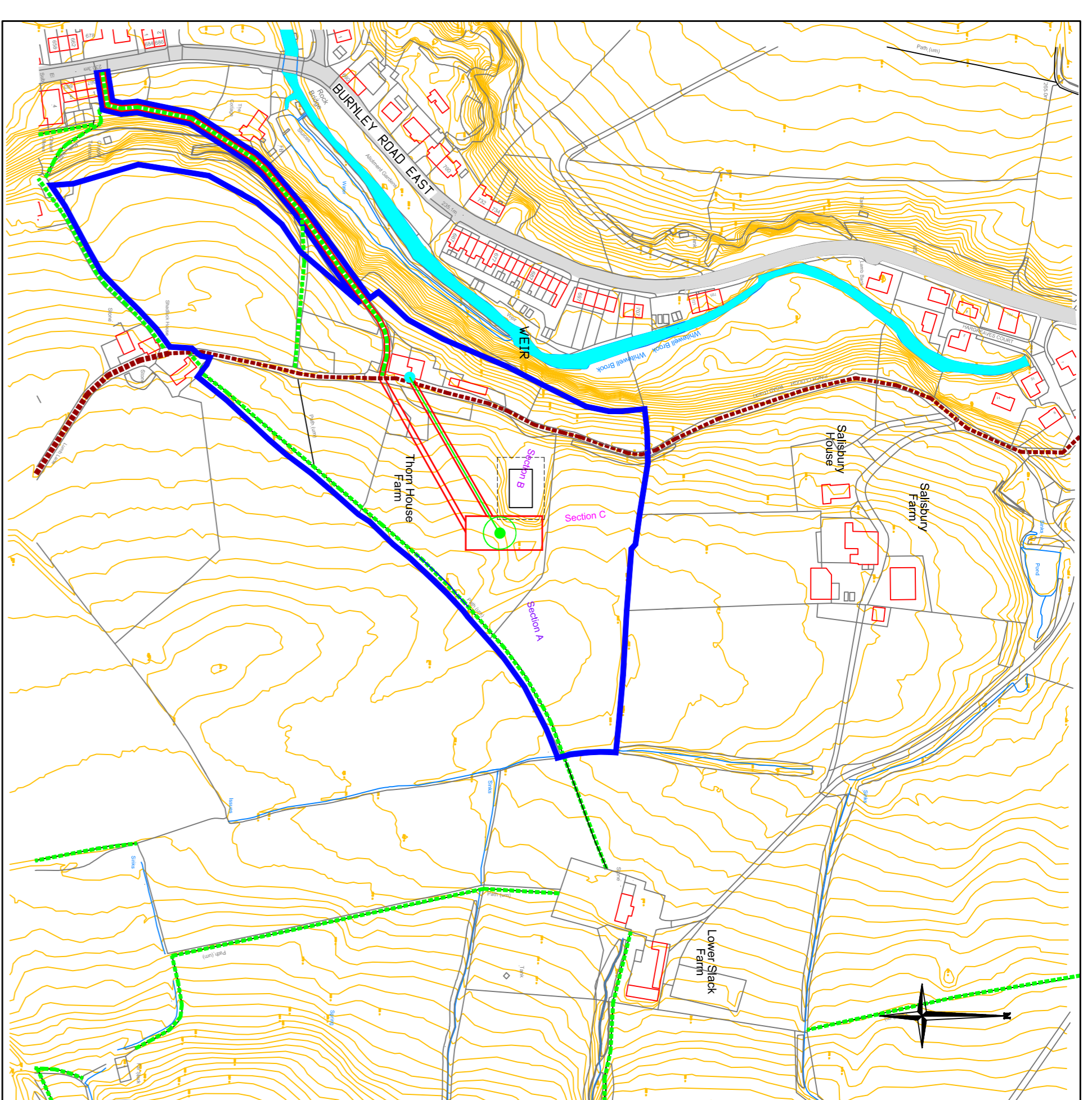


BLOCK PLAN



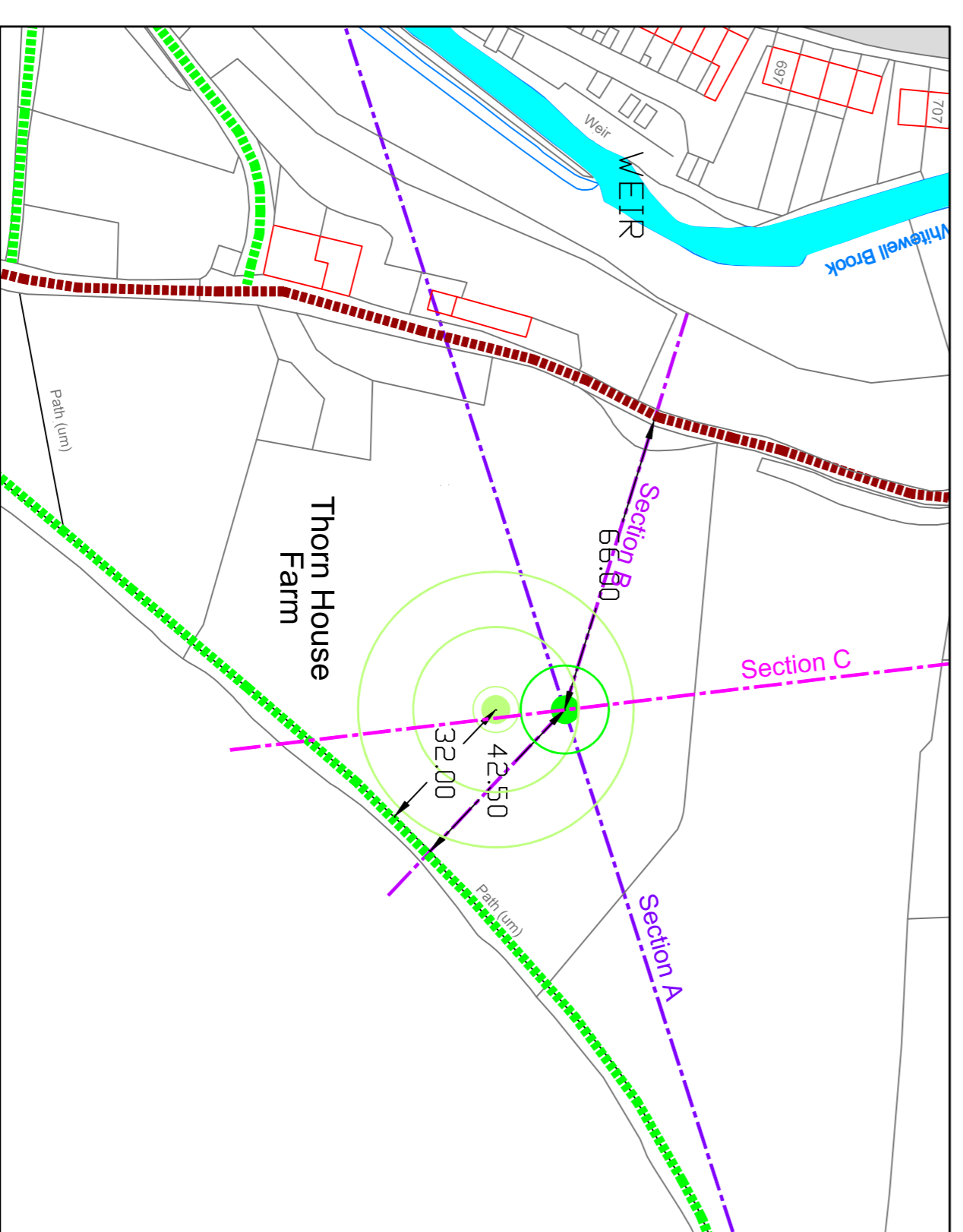
PROPOSED LANDSCAPING

- KEY**
- EXISTING FOOTPATH
  - - - EXISTING PENNINE BRIDLEWAY
  - APPLICATION SITE
  - OWNERSHIP
  - CABLE CONNECTION
  - CONTOURS SEE
  - ACCESS FOR DELIVERY, ERECTION AND ENGINEERING WORKS ONLY
  - SHADOW FLICKER BOUNDARY
  - METER POINT/GRID CONNECTION
  - PROPOSED POSITION OF THE 10kW TURBINE 18M NAST, 5.6M DIA ROTOR, 17.3M TIP
  - POSITION OF PREVIOUS APPLICATIONS: WEST18 TURBINE 18M NAST, 18M DIA ROTOR, 28M TIP; WES30 TURBINE 30M NAST, 30M DIA, ROTOR 45M TIP
  - SECTION BETWEEN WHITEWELL BROOK AND LOWER SLACK FARM
  - SECTION BETWEEN THE BRIDLEWAY AND FOOTPATH
  - SECTION BETWEEN SALISBURY HOUSE AND FOOTPATH
  - SECTION DRAWING NO E05-SECTION C
  - EXISTING TREES AND HEDGROW



LOCATION PLAN

<b>TURBINE LOCATION</b>	<b>APPLICATION FEE</b>	<b>NO SHADOW FLICKER OUTSIDE 10 TIMES THE BLADE DIAMETER AND 50 DEGREES EAST AND WEST FROM BLADE DIAMETER 9.60M X 10 = 96M</b>
GRID REFERENCE	TURBINE = 900	
CABLE RUN 90 X 0.6 = 54	TOTAL = 964	
383777 - 424388	HECTARES = 0.10	



PROPOSED 10kW TURBINE IN RELATION TO PREVIOUS WES30 AND WES18 TURBINES

NOTES

**Planning Fees**  
This is an extract from the Planning Fees regulations. 40. Wind turbines are Category 5 for fees purposes (unless of the same domestic type, where installation should be treated as an alteration or curtilage operation in Category 6 or 7) if not allowed as permitted development). To calculate the fee for a new windfarm, add all the land over which the blades of each turbine can rotate and to the area of the footprint of any ancillary structures undergoing works. It is not necessary to include turbines or other land identified between the turbines if no development is proposed there. On a site of no more than five hectares, £335 should be charged for each 0.1 hectare. Over five hectares, a fixed sum of £16,565 is payable with an additional £100 for each 0.1 hectare in excess of the first five hectares, subject to a maximum in total of £250,000.

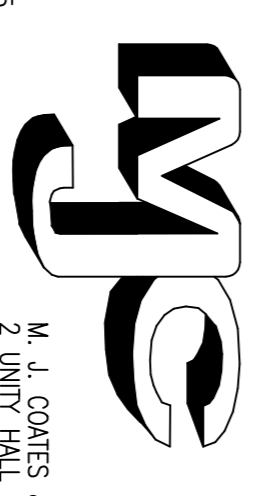
- TURBINE GROUPINGS**
- SINGLE - 1 TURBINE
  - SMALL GROUP - UP TO THREE TURBINES
  - SMALL WIND FARM - UP TO 5 TURBINES
  - MEDIUM WIND FARM - 6 TO 10 TURBINES
  - LARGE WIND FARM - 11 TO 20 TURBINES
  - VERY LARGE WIND FARM - 21 TO 30

- TURBINE HEIGHT**
- VERY SMALL - 25M OR LESS TO BLADE TIP (APR 12kW)
  - SMALL - 25 TO 50M TO BLADE TIP (APR 0.50kW)
  - MEDIUM - 50 TO 90M TO BLADE TIP (APR 1MW)
  - LARGE - 90 TO 130M TO BLADE TIP (APR 2.5MW)

**PUBLIC ROADS AND FOOTPATHS**  
The ideal separation distance between the proposed Evoco Wind Turbine and public road / footpaths is no less than Turbine Tip height plus 10%. - 20.50 + 2.05 = 22.55m

**BRIDLEWAYS**  
The ideal separation distance between proposed Wind Turbines and Bridleways is three times the blade diameter in line with the British Horse Society's recommended distances. (4x9.60=38.40m)

The ideal separation distance between proposed Wind Turbines and National Bridleways is four times the blade diameter in line with the British Horse Society's recommended distances. (4x9.60=38.40m)



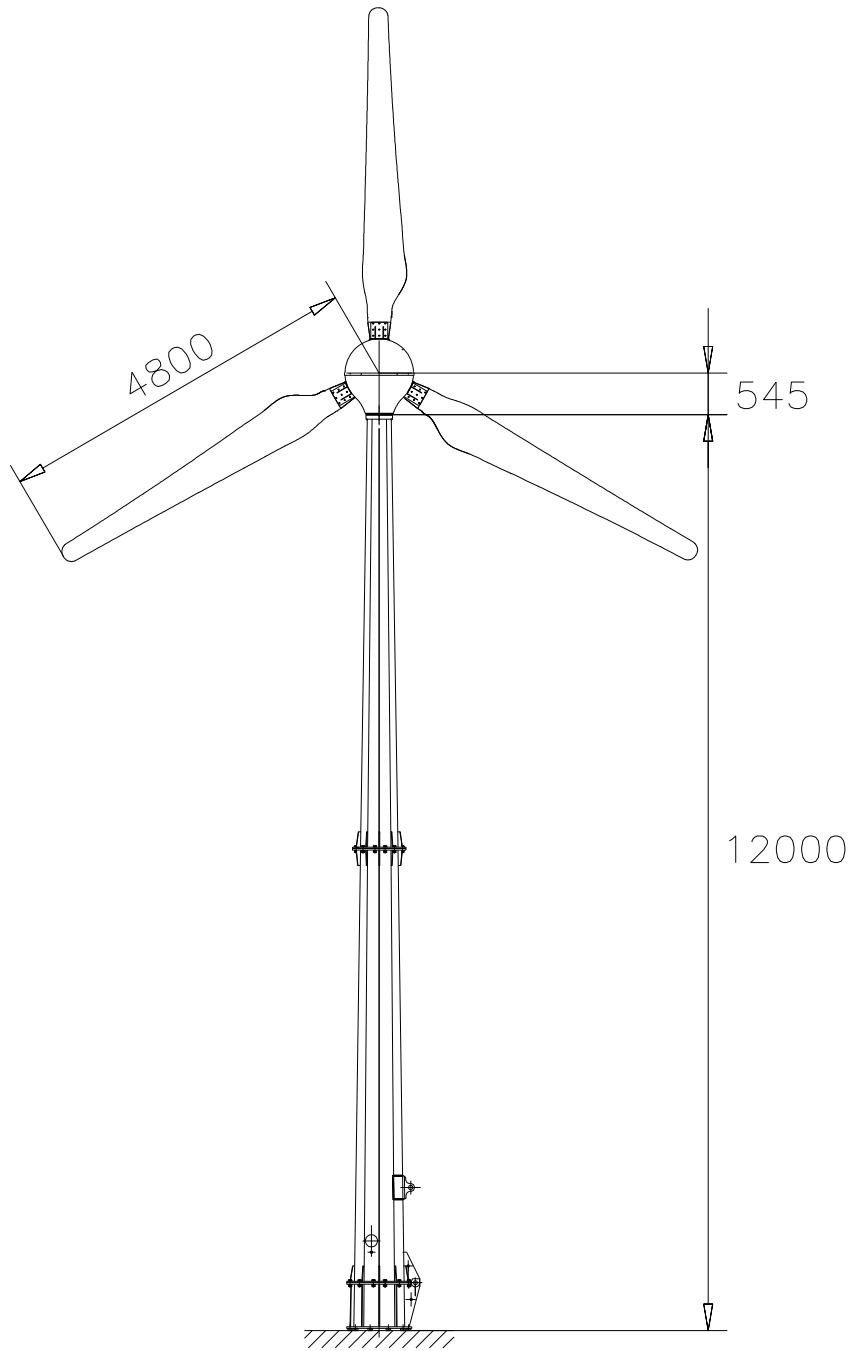
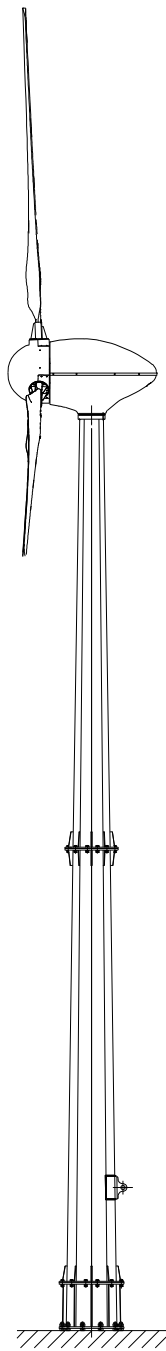
**M. J. COATES & COMPANY**  
2 UNITY HALL COURT  
HAGWOOD ROAD  
WILTONSLEY  
WILTSHIRE  
W3 1ED

**CLIENT**  
MR. A. MURRELL  
THORN HOUSE FARM  
PINCHCLOUGH ROAD  
LUMB ROSSENDALE  
BB4 9RT

**PROJECT**  
PLANNING APPLICATION  
PROPOSED INSTALLATION OF 1NO SMALL SCALE 10KW EVOCO WIND TURBINE ON A 12M MONOPOLE MAST, ON LAND AT THORN HOUSE FARM PINCHCLOUGH ROAD BB4 9RT

**TITLE**  
LOCATION PLAN AND BLOCK PLAN

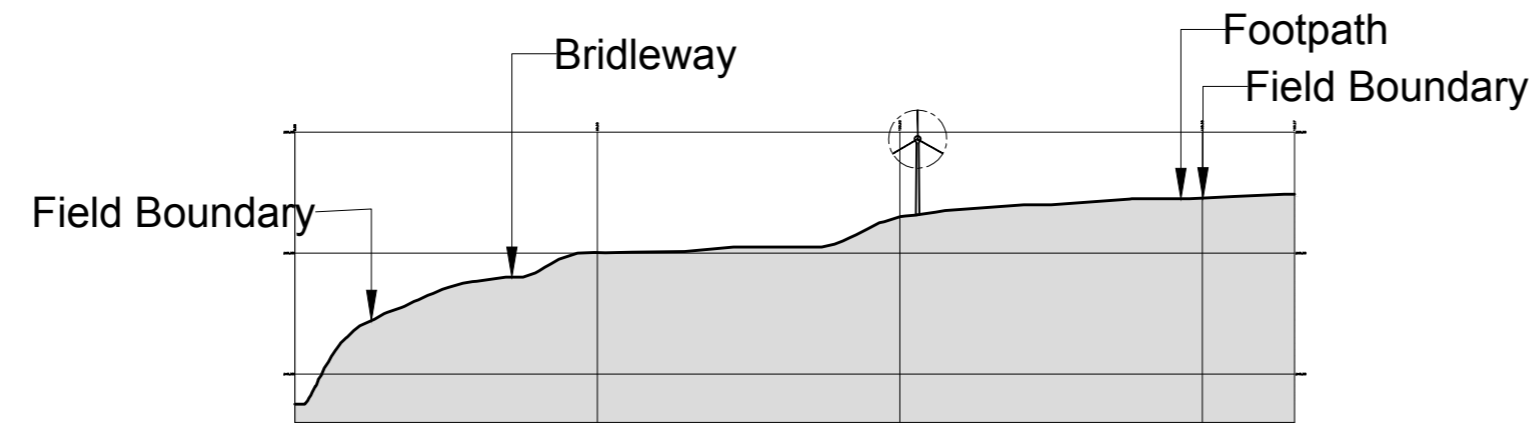
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BLOCK PLAN 1:100	SEPTEMBER 2013
LOCATION PLAN 1:2000	
DRAWN BY	CHECKED
MJC	
DRAWING NO	REVISION
ES-901	



	NAME	DATE
DRAWN	BH	
CHECKED	SW	
ENG APPR.		
MFG APPR.		
Q.A.		

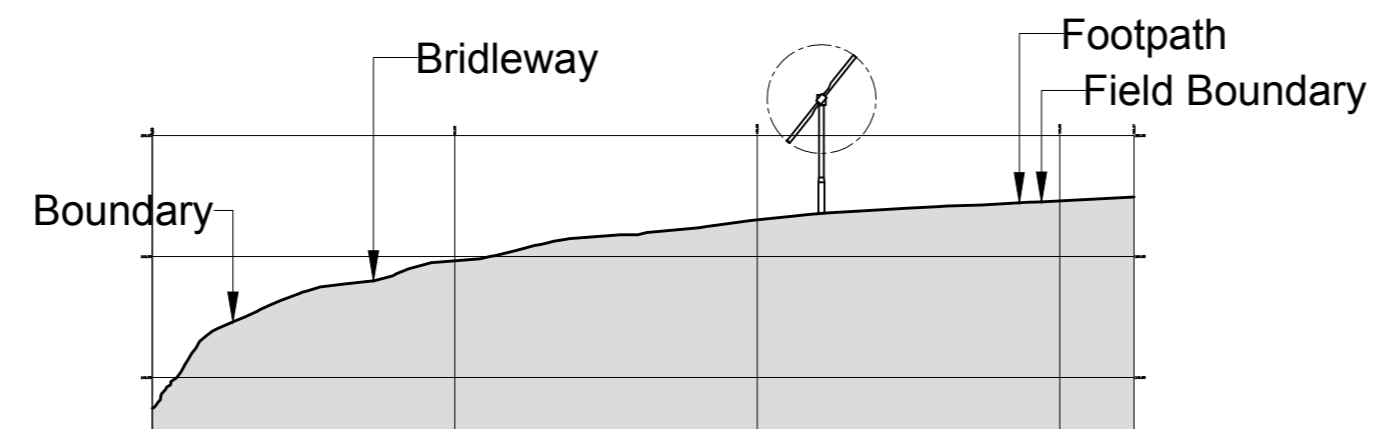
COMMENTS:

<b>TITLE: EVOCO 10kW WIND TURBINE 12m TOWER</b>		
Evoco Energy Ltd. St Pegs Mill, Thomhill Beck Lane, Brighouse. HD6 4AH. United Kingdom. Tel: +44 (0) 1484 475 800 info@evocoenergy.com		
All rights reserved		
DIM mm	DWG. NO. PL EVO10-12M	REV 2.1
SCALE: 1:100	DATE: 08/04/2009	SHEET 1 OF 1



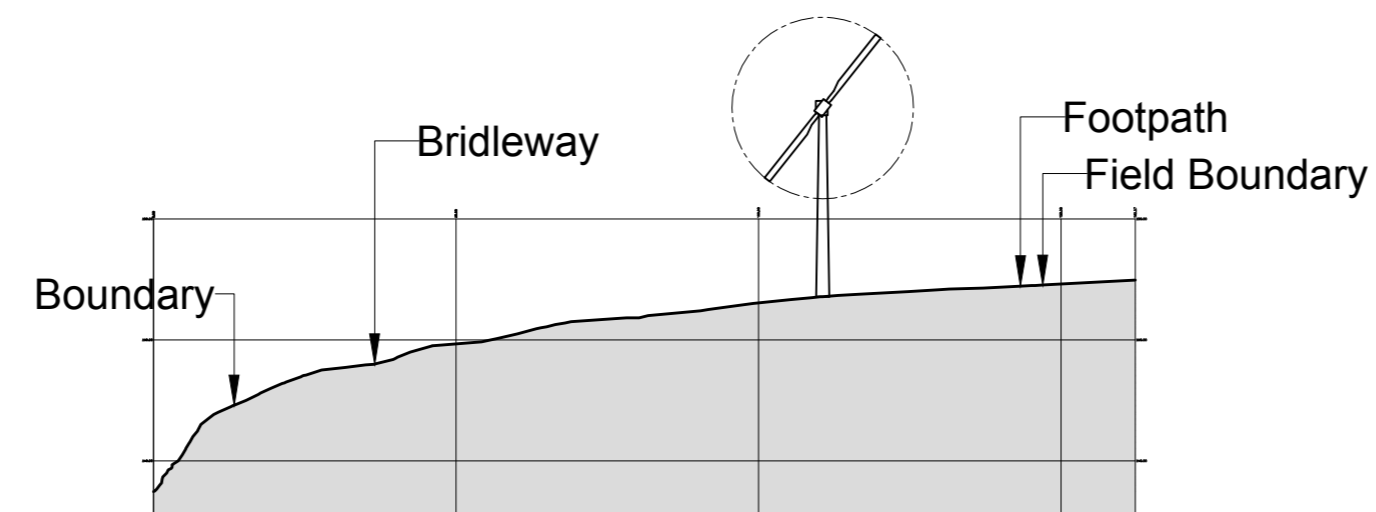
MAST - 42.50m to Footpath  
 BLADE - 40.00m to Head height

Evoco 10kW



MAST - 32.50m to Footpath  
 BLADE - 25.00m to Head height

Wes 18



MAST - 32.50m to Footpath  
 BLADE - 22.00m to Head height

Wes 30



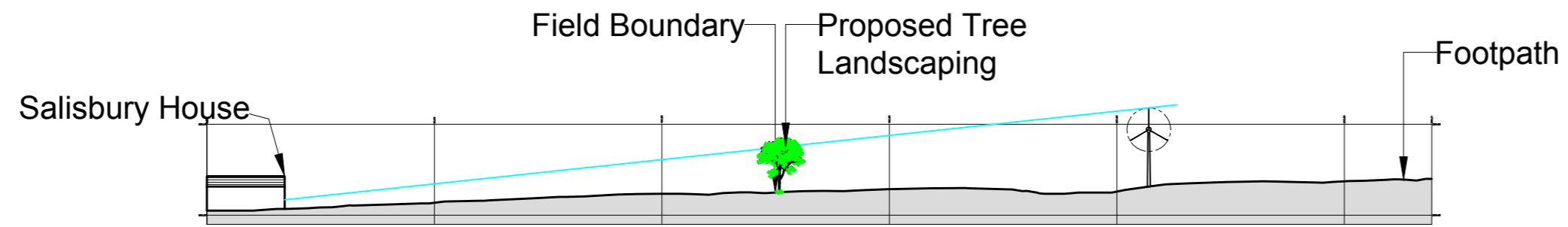
M.J. COATES & COMPANY  
 Ltd.  
 2 UNITY HALL COURT  
 HAIHMOOR ROAD  
 WEST ARDSLEY  
 WAKEFIELD  
 WF3 1ED  
 LAND SURVEYS - COMPUTER AIDED DESIGN - STRUCTURAL  
 ENGINEERS - QUANTITY SURVEYORS CDM PLANNING SUPERVISORS  
 - BUILDING SERVICES

CLIENT THORN HOUSE FARM  
 PINCH CLOUGH ROAD  
 WHITEWELL BOTTOM  
 ROSSENDALE  
 BB4 9RT

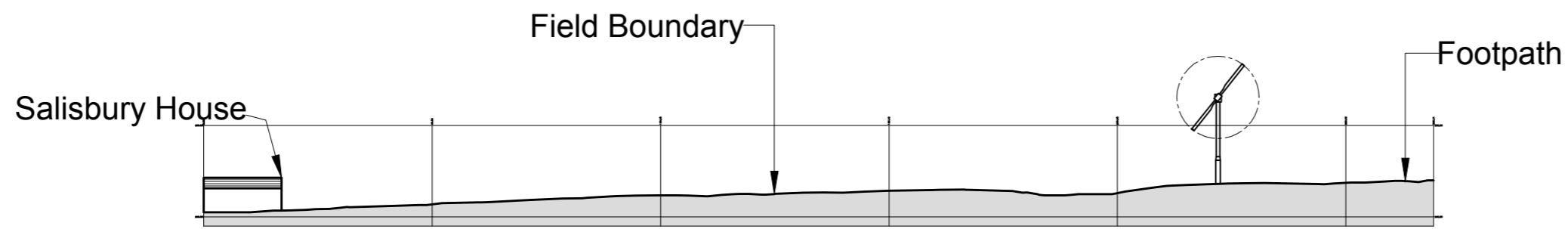
PROJECT  
 PLANNING APPLICATION  
 PROPOSED INSTALLATION OF AN  
 EVOCO 10kW with a 12m MAST

TITLE  
 SECTIONS BETWEEN THE BRIDLEWAY  
 AND THE FOOTPATH

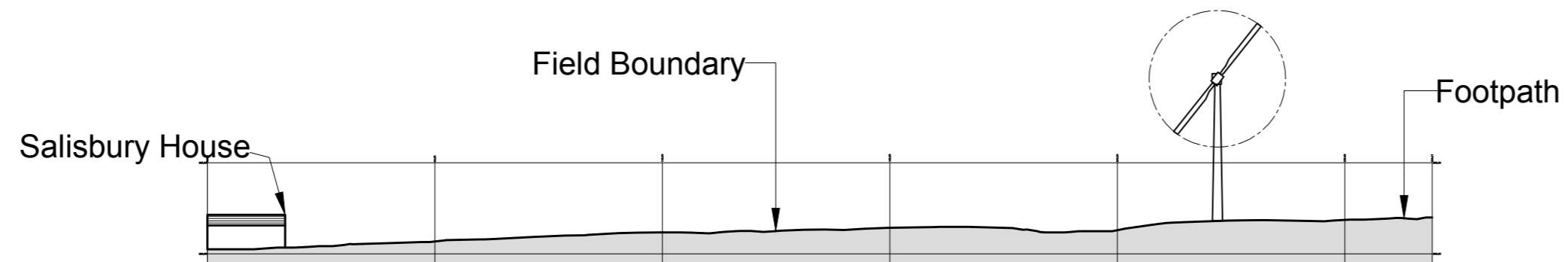
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DWG NO E05-Section B	REVISION .



Evoco 10kW



Wes 18



Wes 30



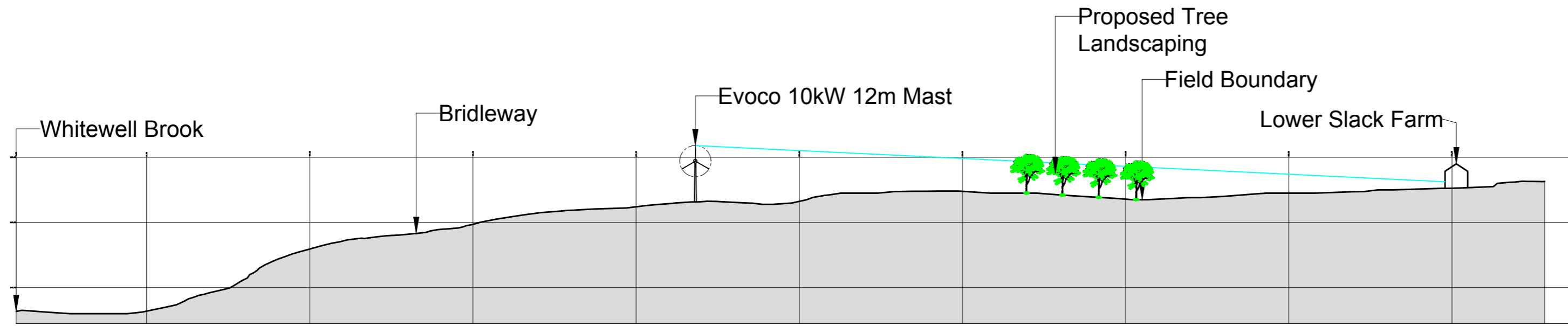
M.J. COATES & COMPANY  
 Ltd.  
 2 UNITY HALL COURT  
 HAIGHMOOR ROAD  
 WEST ARDSLEY  
 WAKEFIELD  
 WF3 1ED  
 LAND SURVEYS - COMPUTER AIDED DESIGN - STRUCTURAL  
 ENGINEERS - QUANTITY SURVEYORS CDM PLANNING SUPERVISORS  
 - BUILDING SERVICES

**CLIENT** THORN HOUSE FARM  
 PINCH CLOUGH ROAD  
 WHITEWELL BOTTOM  
 ROSSENDALE  
 BB4 9RT

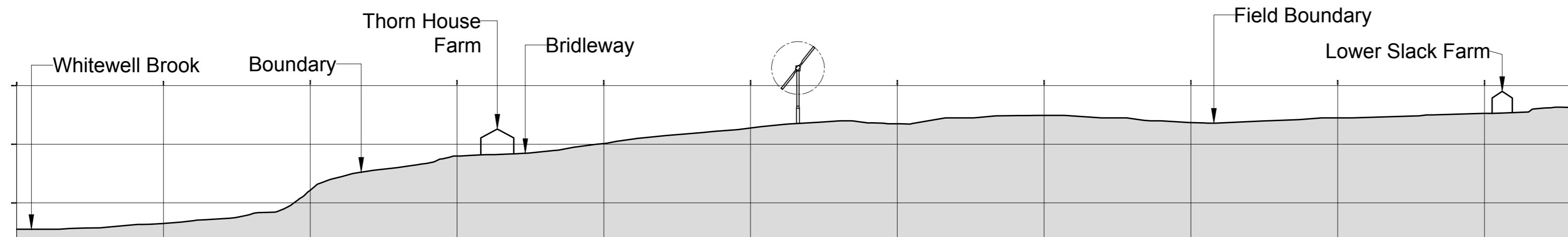
**PROJECT**  
 PLANNING APPLICATION  
 PROPOSED INSTALLATION OF AN  
 EVOCO 10kW with a 12m MAST

**TITLE**  
 SECTIONS BETWEEN SALISBURY HOUSE  
 AND THE FOOTPATH

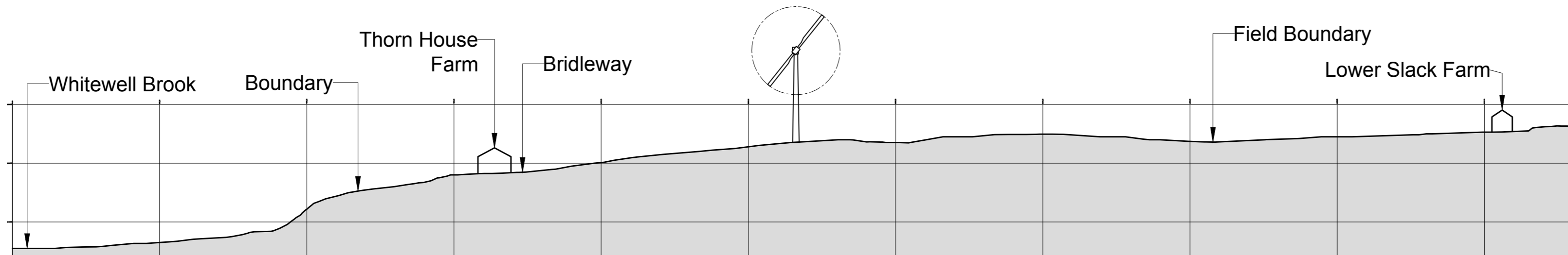
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<b>DWG NO</b> E05-Section C	<b>REVISION</b> .



Evoco 10kW



Wes 18



Wes 30



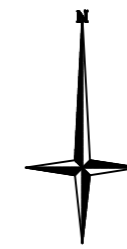
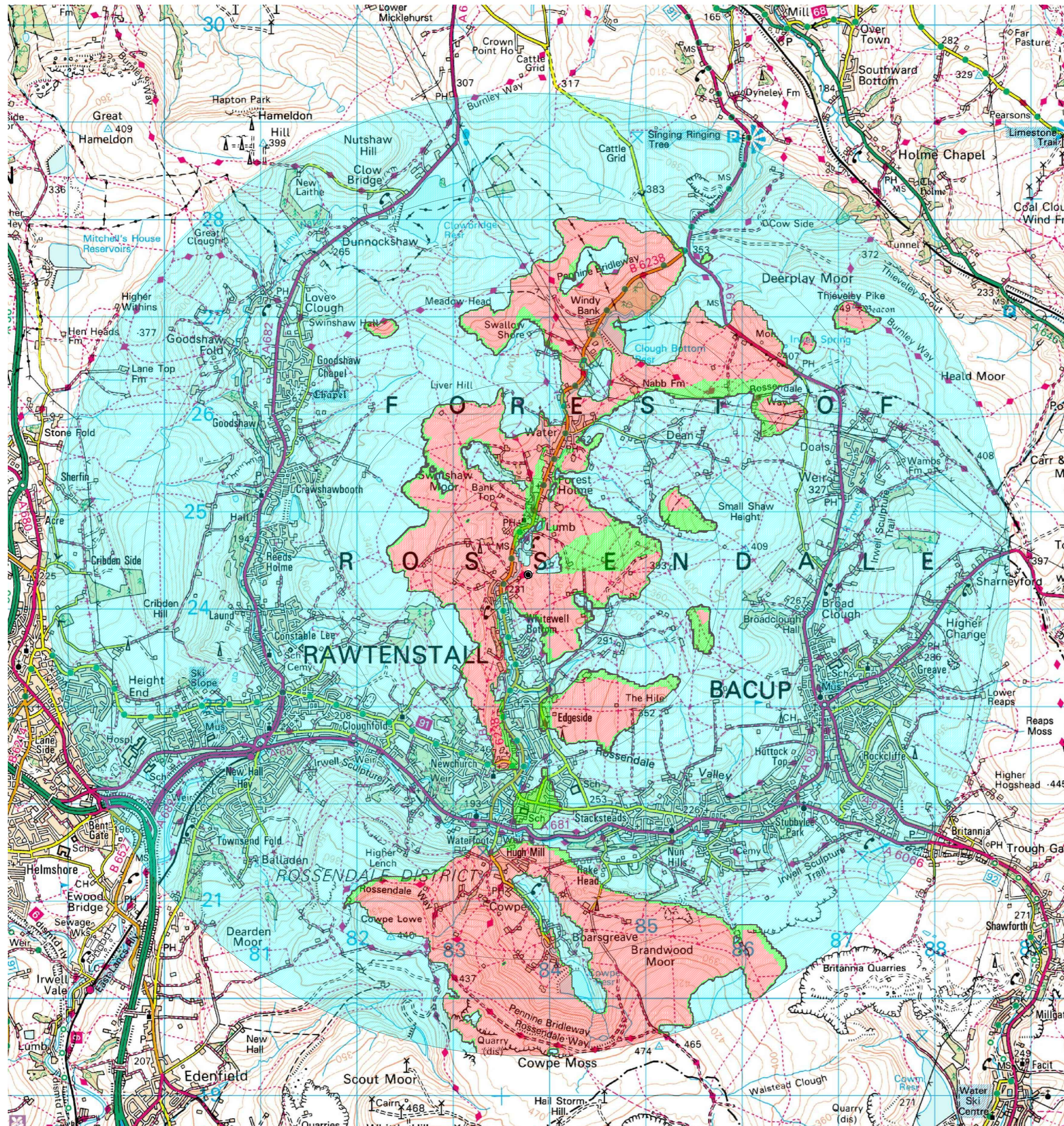
M.J. COATES & COMPANY  
 Ltd.  
 2 UNITY HALL COURT  
 HAIGHMOOR ROAD  
 WEST ARDSLEY  
 WAKEFIELD  
 WF3 1ED  
 LAND SURVEYS - COMPUTER AIDED DESIGN - STRUCTURAL  
 ENGINEERS - QUANTITY SURVEYORS CDM PLANNING SUPERVISORS  
 - BUILDING SERVICES

CLIENT THORN HOUSE FARM  
 PINCH CLOUGH ROAD  
 WHITEWELL BOTTOM  
 ROSSENDALE  
 BB4 9RT

PROJECT PLANNING APPLICATION  
 PROPOSED INSTALLATION OF AN  
 EVOCO 10kW with a 12m MAST

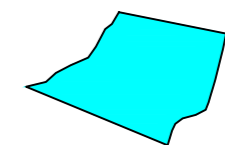
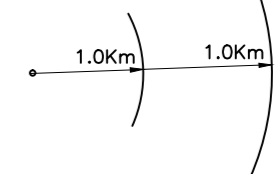
TITLE SECTIONS BETWEEN WHITEWELL BROOK  
 AND LOWER SLACK FARM

SCALE 1:1250 <small>Sheet Size A2</small>	DATE October 2013
DRAWN BY BG	CHECKED MJC
DWG NO E05-Section A	REVISION .

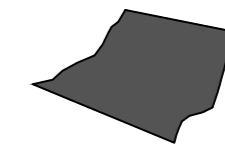


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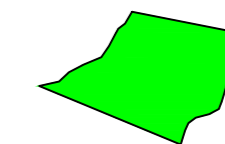
3 ● Receptor



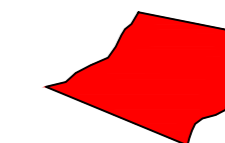
Indicates areas where the Turbine is definitely not visible



Indicates areas where only the Turbine blade tip is potentially visible



Indicates areas where only the Turbine Hub is potentially visible



Indicates areas where the full height of the Turbine is potentially visible



TELEPHONE - 0113 2525825  
FAX - 0113 2925913

**CON SERVICES**

LAND SURVEYS - COMPUTER AIDED DESIGN - STRUCTURAL ENGINEERS - QUANTITY SURVEYORS CDM PLANNING SUPERVISORS - BUILDING SERVICES

M.J. COATES & COMPANY Ltd.  
2 UNITY HALL COURT  
HAIGHMOOR ROAD  
WEST ARDSLEY  
WAKEFIELD  
WF3 1ED

**CLIENT** THORN HOUSE FARM  
PINCH CLOUGH ROAD  
WHITEWELL BOTTOM  
ROSSENDALE  
BB4 9RT

**PROJECT** PLANNING APPLICATION  
  
PROPOSED INSTALLATION OF AN  
EVOCO 10kW with a 12m MAST

**TITLE** ZONES OF THEORETICAL VISIBILITY  
5 Km RADIUS

**SCALE** Not to Scale  
Sheet Size A2

**DATE** October 2013

**DRAWN BY** BG

**CHECKED** MJC

**DWG NO** E05 - ZTV

**REVISION**