



THORNE SOLAR FARM

PUBLIC CONSULTATION


APRIL 2014



LDĀ DESIGN



LEGEND

 Proposed Solar Panels Area

LDĀ DESIGN

PROJECT TITLE
THORNE SOLAR FARM

DRAWING TITLE
Site Location

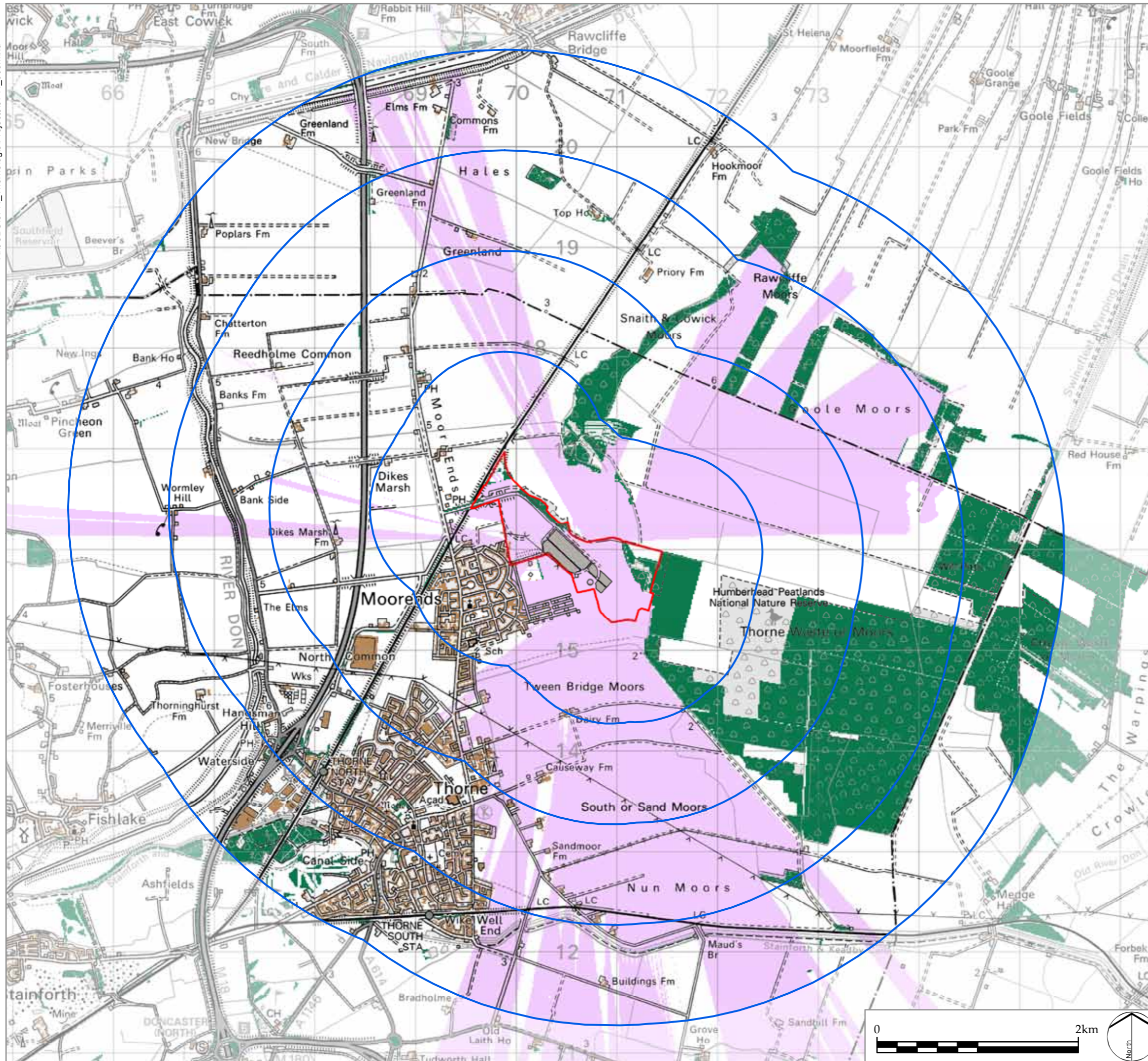
ISSUED BY	Peterborough	T: 01733 310 471
DATE	April 2014	DRAWN SG
SCALE @A3	1:38,000	CHECKED DB
STATUS	Draft	APPROVED MFi

DWG. NO. 3711_SK001







No dimensions are to be scaled from this drawing.
 All dimensions are to be checked on site.
 Area measurements for indicative purposes only.

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 Bing Maps: © Harris Corp, Earthstar Geographics LLC © 2010 Intermap Earthstar Geographics SIO © 2014 Microsoft Corporation

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LEGEND

-  Site Boundary
-  Distance from Site Boundary (1km, 2km, 3km & 4km)
-  Proposed Solar Panels (2.6m high)
- Obstructions**
-  Settlements (7.5m high)
-  Woodlands (15m high)
- Zone of Theoretical Visibility**
-  Zone of Theoretical Visibility of Solar Panels (2.6m high)

NOTE:

This drawing is based upon computer generated Zone of Theoretical Visibility (ZTV) studies. The areas shown are the maximum theoretical visibility, taking into account topography, principal woodlands and settlements as shown, which have been included in the model with the heights indicated. The model does not take into account any localised features such as small copses, hedgerows, mature trees or buildings and therefore gives an exaggerated impression of the extent of visibility. The actual visibility on the ground will be noticeably less than that suggested by this plan and visibility from principal settlements is likely to be possible from peripheral areas only.

The ZTV includes an adjustment that allows for the Curvature and Light Refraction of the Earth and has a 49.6m² resolution.

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PROJECT TITLE
THORNE SOLAR FARM

DRAWING TITLE
Zone of Theoretical Visibility (ZTV) Study

ISSUED BY	Peterborough	T: 01733 310 471
DATE	07 Mar 2014	DRAWN CMi
SCALE @A3	1:38,000	CHECKED RK
STATUS	Draft	APPROVED MFi

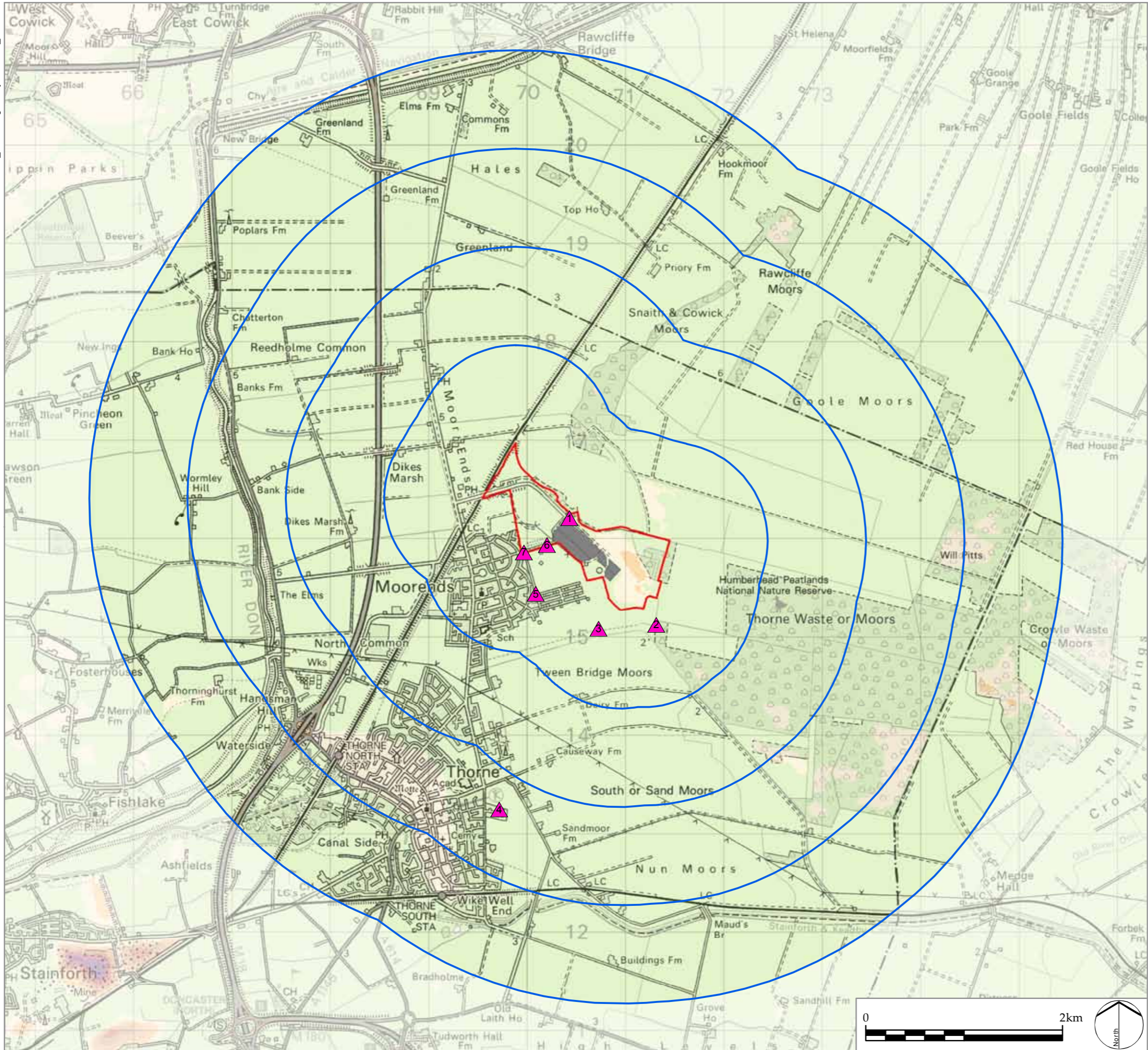
DWG. NO. 3711_003

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Sources: Ordnance Survey














LEGEND

-  Site Boundary
-  Proposed solar panels
-  Distance from Turbines (1, 2, 3, 4km)
-  Viewpoint

Elevation (m AOD)

-  35 - 40
-  30 - 35
-  25 - 30
-  20 - 25
-  15 - 20
-  10 - 15
-  5 - 10
-  0 - 5
-  -5 - 0

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PROJECT TITLE
THORNE SOLAR FARM

DRAWING TITLE
Topography and Viewpoints

ISSUED BY	Peterborough	T: 01733 310 471
DATE	01 April 2014	DRAWN VW
SCALE @A3	1:38,466	CHECKED RK
STATUS	Draft	APPROVED RK

DWG. NO. 3711_002

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Area measurements for indicative purposes only.

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Sources: Ordnance Survey

APPROX. EXTENT OF SITE

APPROX. EXTENT OF PANELS

Thorne Moors

Peatlands Way



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Viewpoint 1 - Peatlands Way (Northern site boundary)

APPROX. EXTENT OF SITE

APPROX. EXTENT OF PANELS

Peatlands Way/ Public Footpath



Viewpoint 1 Continued

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 DATE 1 Apr 2014 DRAWN ED
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 STATUS Planning APPROVED RK

DWG. NO. 3711_Panel_A

PROJECT TITLE
 THORNE SOLAR FARM

DRAWING TITLE
 Photograph Panel A

APPROX. EXTENT OF SITE

APPROX. EXTENT OF PANELS

Canals Walk

Thorne Moors



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Viewpoint 2 - Thorne Moors

APPROX. EXTENT OF PANELS

APPROX. EXTENT OF SITE

Public Footpath



Viewpoint 3 - Public footpath between Moorends and Thorne Moors

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 SCALE@A3 NTS CHECKED RK
 STATUS Planning APPROVED RK

DWG. NO. 3711_Panel_B

PROJECT TITLE
 THORNE SOLAR FARM

DRAWING TITLE
 Photograph Panel B

APPROX. EXTENT OF SITE

APPROX. EXTENT OF PANELS



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Viewpoint 4 - Lockwood Close, Thorne

APPROX. EXTENT OF SITE

Moorends recreation ground

APPROX. EXTENT OF PANELS

Thorne Moors



Viewpoint 5 - Moorends (Playing fields)

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DATE 1 Apr 2014 DRAWN ED
 SCALE@A3 NTS CHECKED RK
 STATUS Planning APPROVED RK

DWG. NO. 3711_Panel_C

PROJECT TITLE
 THORNE SOLAR FARM

DRAWING TITLE
 Photograph Panel C

APPROX. EXTENT OF SITE

APPROX. EXTENT OF PANELS

Peatlands Way/ Public Footpath

Thorne Moors



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Viewpoint 6 - Peatlands Way (Moorends)

APPROX. EXTENT OF SITE

APPROX. EXTENT OF PANELS

Peatlands Way/ Public Footpath

Moorends Recreation Ground



Viewpoint 7 - North eastern edge of Moorends settlement

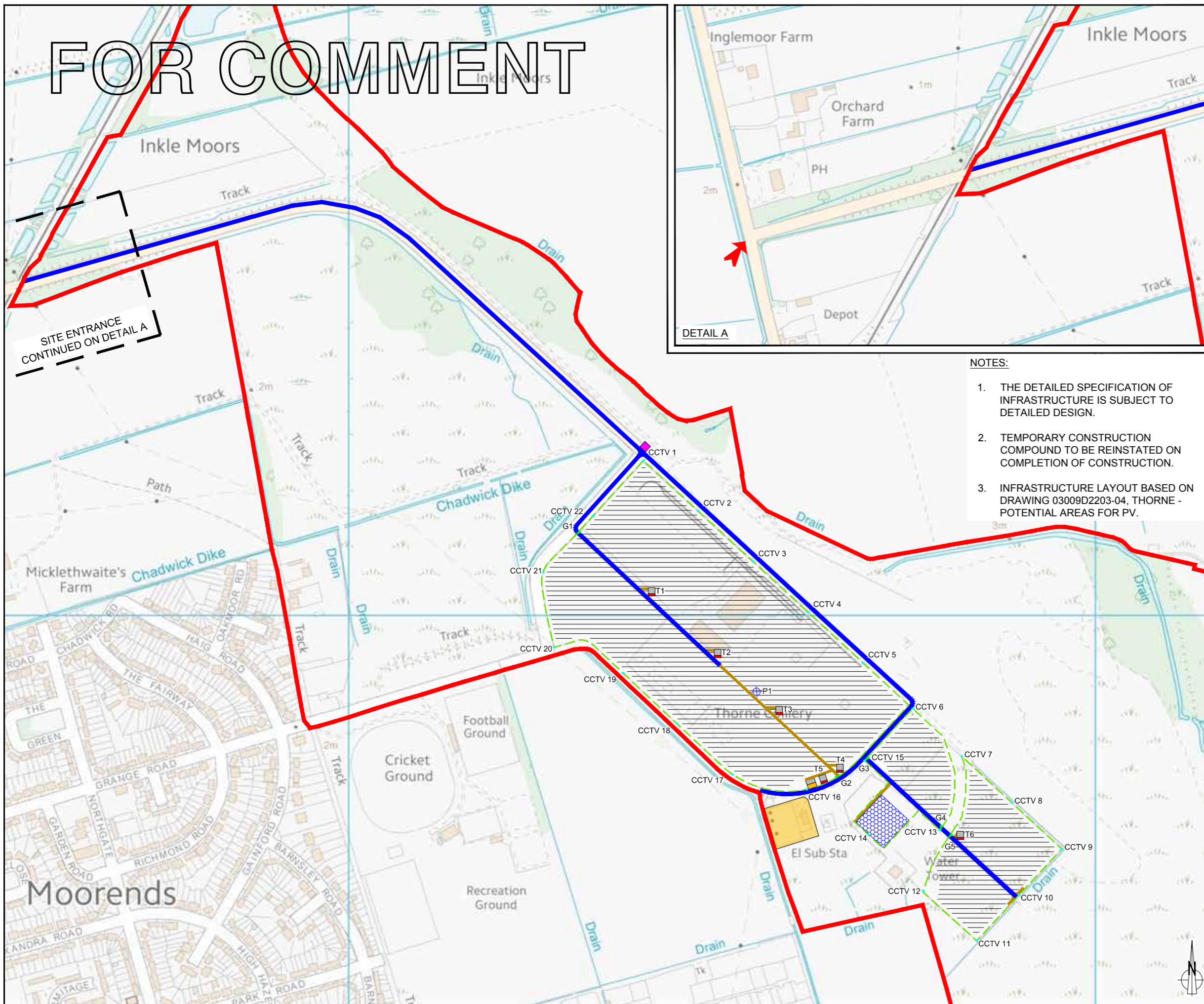
ISSUED BY Peterborough t: 01733 310471
 DATE 1 Apr 2014 DRAWN ED
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DWG. NO. 3711_Panel_D

PROJECT TITLE
THORNE SOLAR FARM

DRAWING TITLE
Photograph Panel D

FOR COMMENT



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- KEY:**
- SOLAR PV ARRAY
 - SITE BOUNDARY
 - EXISTING SITE TRACKS
 - NEW CONSTRUCTION TRACKS
 - SECURITY FENCING
 - TEMPORARY CONSTRUCTION COMPOUND
 - SUBSTATION
 - EXISTING DNO SUBSTATION
 - GATEHOUSE CONTROL
 - HARDSTANDING AREA & VEHICLE TURNING HEAD
 - EMBEDDED SUBSTATION
 - CCTV MAST
 - PYRANOMETER
 - ACCESS GATE
 - SITE ENTRANCE LOCATION

- NOTES:**
1. THE DETAILED SPECIFICATION OF INFRASTRUCTURE IS SUBJECT TO DETAILED DESIGN.
 2. TEMPORARY CONSTRUCTION COMPOUND TO BE REINSTATED ON COMPLETION OF CONSTRUCTION.
 3. INFRASTRUCTURE LAYOUT BASED ON DRAWING 03009D2203-04, THORNE - POTENTIAL AREAS FOR PV.

02	DJK	JE	TJS	27-01-2014	AMENDMENTS TO CCTV
01	DJK	JE	TJS	10-01-2014	FIRST ISSUE
ISSUE	DRAWN	CHKD	APPD	DATE	REVISION NOTES
LAYOUT DWG	N/A			T-LAYOUT NO.	N/A

DRAWING NUMBER		03009D1004-02	
COORDS	BRITISH NATIONAL GRID		
PURPOSE	PRELIMINARY		
SCALE	1:5000	ORIGINAL PLOT SIZE	A3
PROJECT TITLE			
SOLAR PV ARRAY			
DRAWING TITLE			
THORNE SOLAR PV INFRASTRUCTURE LAYOUT			
THIS DRAWING IS THE PROPERTY OF RENEWABLE ENERGY SYSTEMS LIMITED AND NO REPRODUCTION MAY BE MADE IN WHOLE OR IN PART WITHOUT PERMISSION			



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Photomontage view

This photomontage is based upon photographically derived height data with spot heights at 5m intervals. The three dimensional model of the solar farm is indicative and is not based on an accurate design.

No dimensions are to be scaled from this drawing.
All dimensions are to be checked on site.
Area measurements for indicative purposes only.

Location Plan: © Crown copyright and database rights 2013. Ordnance Survey 100030848.

VIEWPOINT INFORMATION

Grid Reference:	470432, 416215
Elevation (AOD):	4.7m
Viewer Height:	1.6m
Viewing Distance:	300m
Angle (width):	75°, solar farm occupies - 124°
Camera & Lens:	Digital SLR, 50mm
Photo date / time:	27/03/2014 15:10
Distance to solar farm:	31m



ISSUED BY	Oxford	t: 01865 887050	
DATE	April 2014	DRAWN	SD
PAGE SIZE	420mm x 297mm	CHECKED	DB
STATUS	Draft	APPROVED	RK

DWG. NO. 3711_PM

PROJECT TITLE
THORNE SOLAR FARM

DRAWING TITLE
**Viewpoint 1: Peatlands Way (Northern Site Boundary)
Left Side of View**

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Photomontage view

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VIEWPOINT INFORMATION

Grid Reference:	470432, 416215
Elevation (AOD):	4.7m
Viewer Height:	1.6m
Viewing Distance:	300mm
Angle (width):	75°, solar farm occupies - 124°
Camera & Lens:	Digital SLR, 50mm
Photo date / time:	27/03/2014 15:10
Distance to solar farm:	31m



Location Plan - 1:50,000 scale

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DATE	April 2014	DRAWN	SD
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PROJECT TITLE
THORNE SOLAR FARM

DRAWING TITLE
**Viewpoint 1: Peatlands Way (Northern Site Boundary)
Right Side of View**

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Photomontage view

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VIEWPOINT INFORMATION

Grid Reference:	470203, 415940
Elevation (AOD):	3.1m
Viewer Height:	1.6m
Viewing Distance:	300mm
Angle (width):	75°, solar farm occupies - 95°
Camera & Lens:	Digital SLR, 50mm
Photo date / time:	27/03/2014 12:20
Distance to solar farm:	74m



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DATE	April 2014	DRAWN	SD
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DWG. NO. 3711_PM

PROJECT TITLE
THORNE SOLAR FARM

DRAWING TITLE
Viewpoint 6: Peatlands Way (Moorends)

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