

KEY

- Primary energy centre
- Medium / small site - public or social ownership
- Large site - private ownership
- Medium / small site - private ownership
- Large site - public or social ownership
- Phase 1
- Phase 2
- Possible Phase 2

Site Identifier	Short Name
Energy Centre	Primary Energy Centre, Hoobrook Enterprise
JJ	Hoo Farm Ind Est 1
KK	Hoo Farm Ind Est 2
LL	Hoo Farm Ind Est 3
MM	Hoo Farm Ind Est 4
FF	Hoobrook Enterprise Centre 1
GG	Hoobrook Enterprise Centre 2
HH	Hoobrook Enterprise Centre 3
NN	Worcester Rd Retail Est

DRAFT

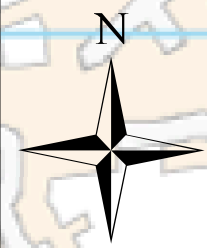
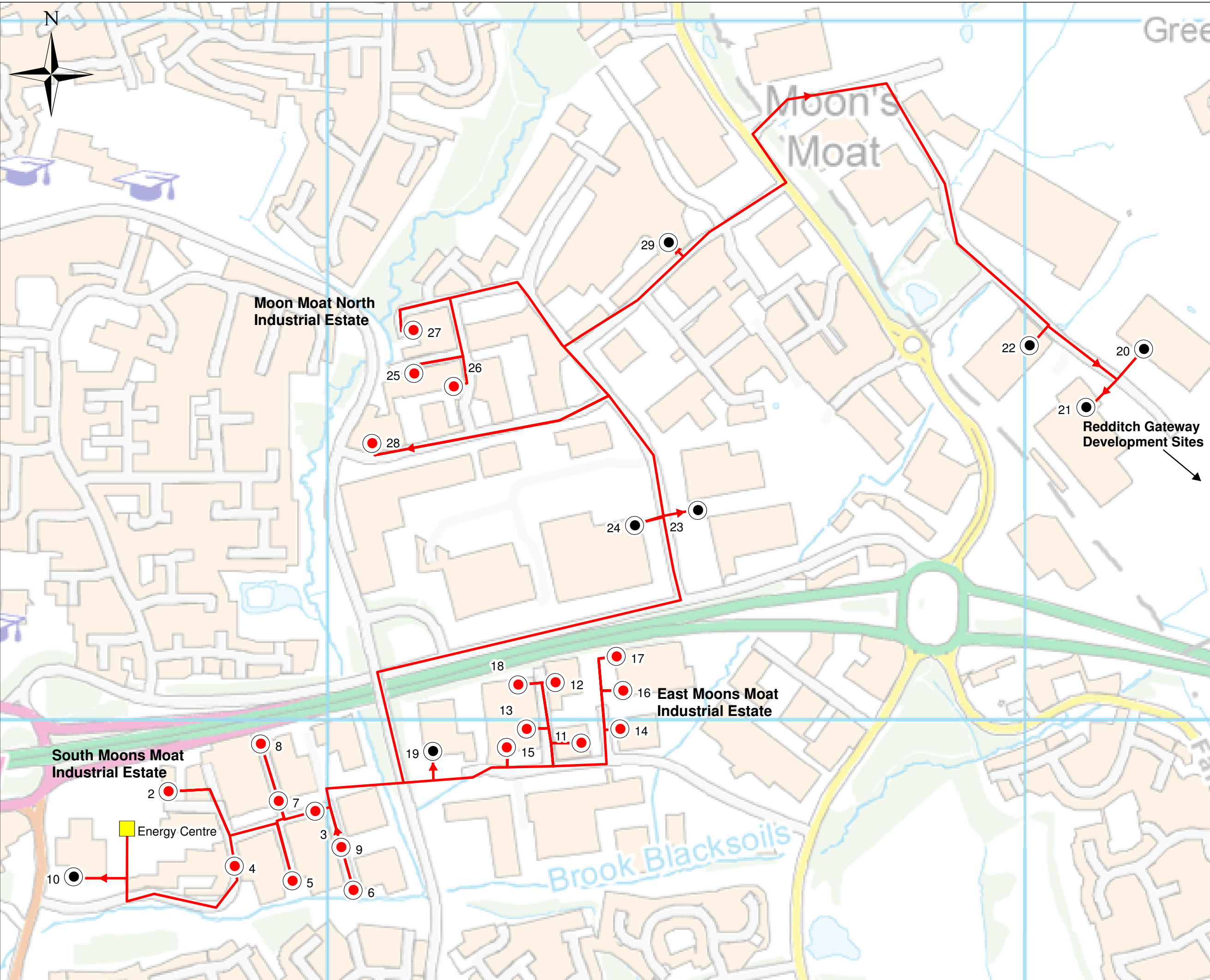
A		J Chapman 09/09/2016	M Kerlake 09/09/2016	M German 09/09/2016
Ver	Amendments	Originated by and date	Checked by and date	Approved by and date

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Client	Wychavon District Council
Project	Worcestershire Heat Mapping
Drawing Title	PROPOSED SOUTHERN DISTRICT HEAT NETWORK KIDDERMINSTER
Drawing No.	5.5
Scale @ A3 :	1:7,000
Purpose :	Information



KEY

- Primary energy centre
- Medium / small site - public or social ownership
- Large site - private ownership
- Medium / small site - private ownership
- Large site - public or social ownership
- Phase 1
- Phase 2
- - - Possible Phase 2

Site Identifier	Short Name
1	Primary Energy Centre
2	South Moons Moat 1
3	South Moons Moat 2
4	South Moons Moat 3
5	South Moons Moat 4
6	South Moons Moat 5
7	South Moons Moat 6
8	South Moons Moat 7
9	South Moons Moat 8
10	Marubeni-Komatsu
11	East Moons Moat 1
12	East Moons Moat 2
13	East Moons Moat 3
14	East Moons Moat 4
15	East Moons Moat 5
16	East Moons Moat 6
17	East Moons Moat 7
18	East Moons Moat 8
19	Blue Earth
20	SP Group
21	Lear Corp
22	Magna Intier
23	UK-NSI
24	FW Thorpe
25	Moon Moat North 1
26	Moon Moat North 2
27	Moon Moat North 3
28	Moon Moat North 4
29	Master Magnets

B	Locations updated	IW 09/09/2016	TE 05/01/2017	TE 05/01/2017
A	First Issue	J Chapman 09/09/2016	M Kerslake 09/09/2016	M German 09/09/2016
Ver	Amendments	Originated by and date	Checked by and date	Approved by and date

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Client
Wychavon District Council

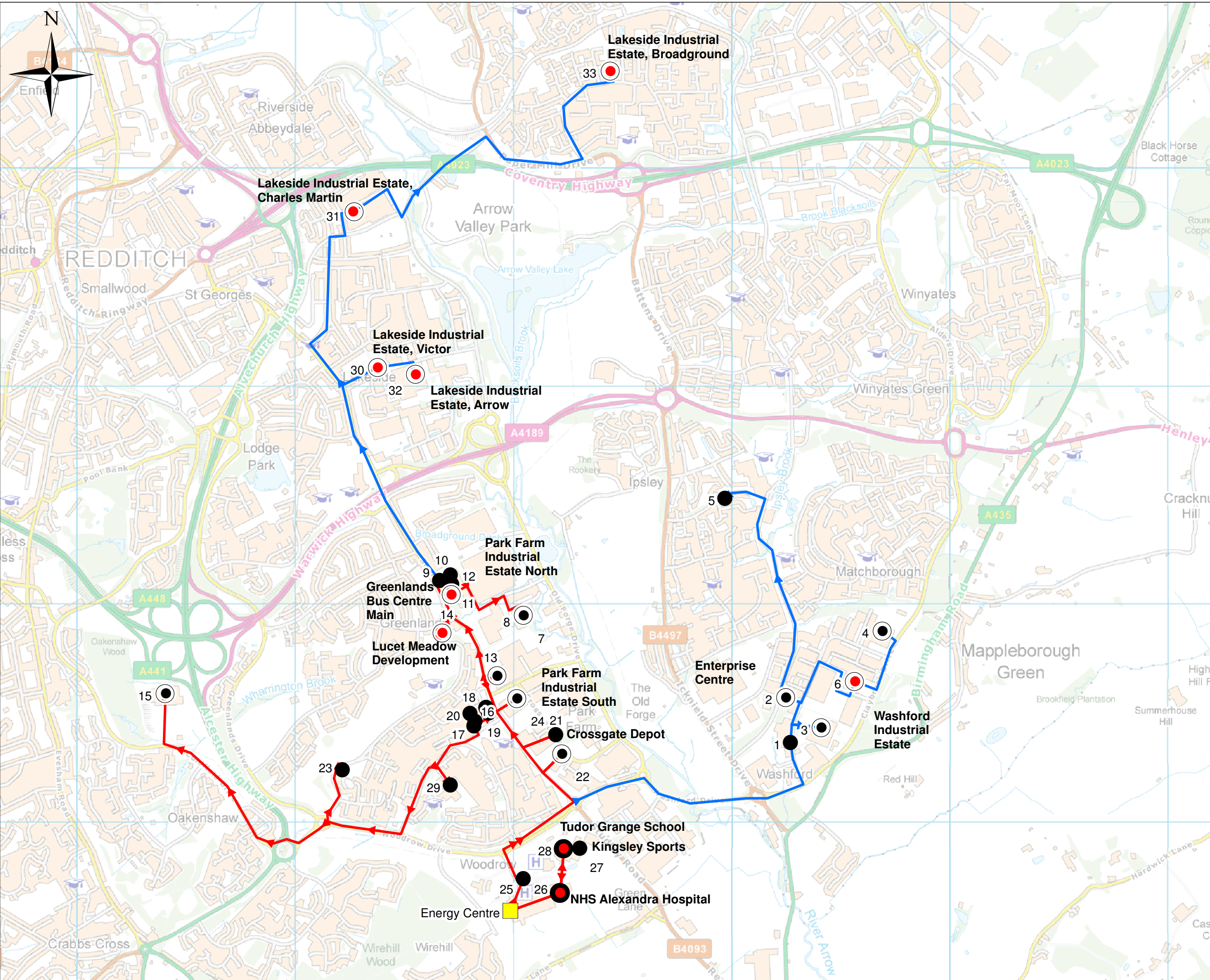
Project
Worcestershire Heat Mapping

Drawing Title
PROPOSED NORTHERN DISTRICT HEAT NETWORK, REDDITCH

Drawing No.
5.6

Scale @ A3 : 1:5,000

Purpose : Information



KEY


- Primary energy centre
- Medium / small site - public or social ownership
- Large site - private ownership
- Medium / small site - private ownership
- Large site - public or social ownership
- Phase 1
- Phase 2
- Possible Phase 2

Site ID	Short Name
Energy Centre	
1	Enterprise Centre
2	Rockline Industries
3	Gardner Denver
4	Valeo Service U
5	Arrow Vale Academy
6	Washford Ind Est
7	Park Farm Ind Est South
8	Vsmo Tirus
9	Greenlands Bus Centre Main
10	Greenlands Bus Centre 4
11	Greenlands Bus Centre 5
12	Park Farm Ind Est North
13	Langdons
14	Lucet Meadow Development
15	Tesco
16	Woodrow Centre 74 - 76
17	Woodrow Centre 44 - 46
18	Woodrow Library
19	Woodrow Office
20	Woodrow Centre
21	Crossgate Depot
22	Profin Protective Finishing
23	Woodrow Youth
24	Alcoa Fastenings
25	New development
26	NHS Alexandra Hospital
27	Kingsley Sports
28	School Tudor Grange
29	School Woodrow First
30	Lakeside Ind Est, Victor
31	Lakeside Ind Est, Charles Martin
32	Lakeside Ind Est, Arrow
33	Lakeside Ind Est, Broadground

B	Location name updated	IW 05/01/2017	TE 05/01/2017	TE 05/01/2017
A	First Issue	J Chapman 09/09/2016	M Kerslake 09/09/2016	M German 09/09/2016
Ver	Amendments	Originated by and date	Checked by and date	Approved by and date

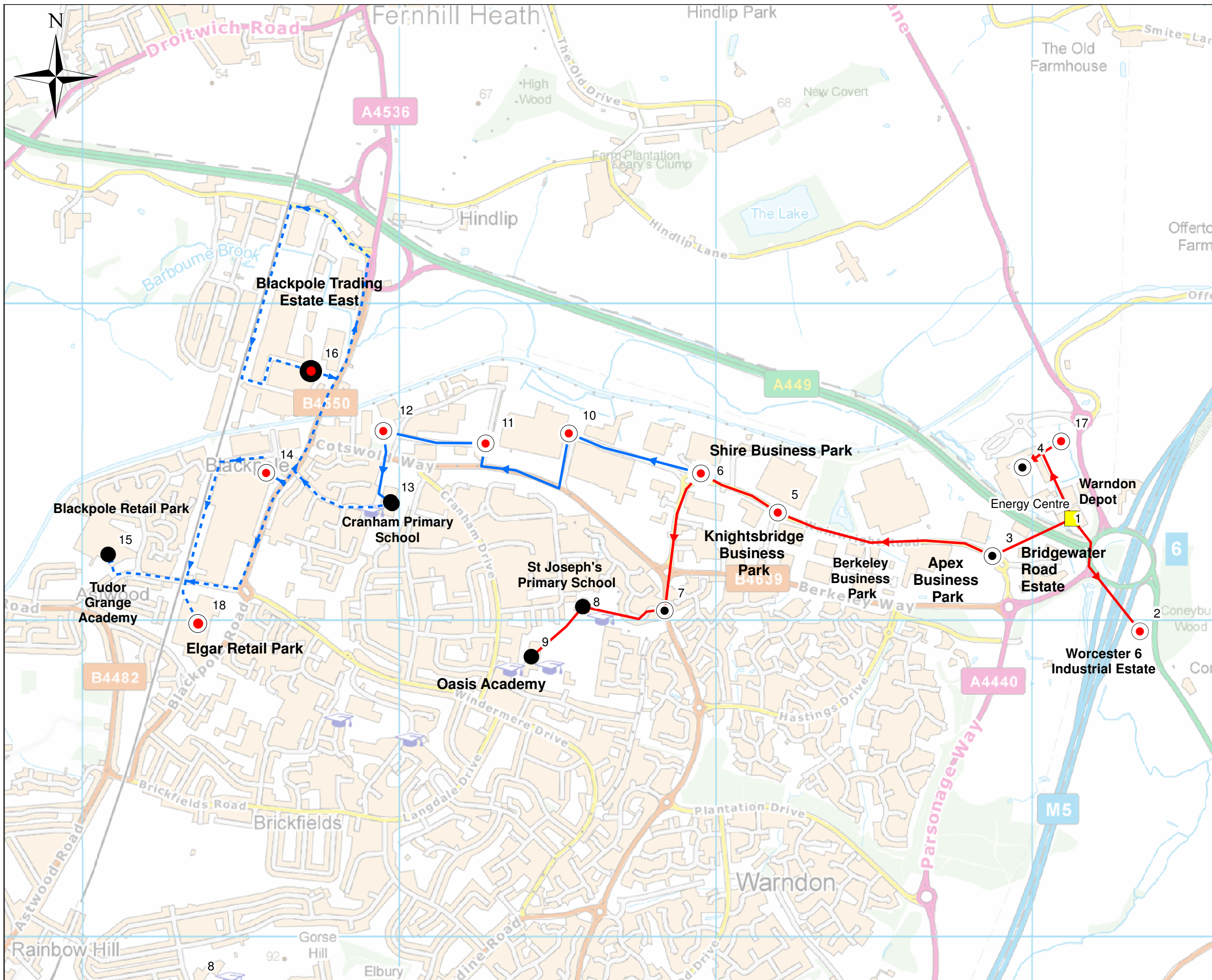
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Client	Wychavon District Council
Project	Worcestershire Heat Mapping
Drawing Title	PROPOSED NHS AND INDUSTRIAL DISTRICT HEAT NETWORK, REDDITCH
Drawing No.	5.7
Scale @ A3 :	1:16,000
Purpose :	Information



KEY

- Primary energy centre
- Medium / small site - public or social ownership
- Large site - private ownership
- Medium / small site - private ownership
- Large site - public or social ownership
- Phase 1
- Phase 2
- Possible Phase 2

Node	Name
Energy Centre	Primary Energy Centre
1	Warndon Depot
2	Worcester 6
3	Bridgewater Road
4	Warriors Stadium
5	Berkeley, Apex & Wainwright Business Parks
6	Brindley Road
7	Homestead Ave
8	School Gorse Hill
9	School Oasis Academ
10	Ebrington Drive
11	Badgeworth Drive
12	Buckhold Drive
13	School Cranham Prim
14	Blackpole Retail Park
15	School Tudor Grange
16	Blackpole Trading Park
17	David Lloyd
18	Elgar Retail Park

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A		J Chapman 09/09/2016	M Kerlake 09/09/2016	M German 09/09/2016
Ver	Amendments	Originated by and date	Checked by and date	Approved by and date

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Client
Wychavon District Council

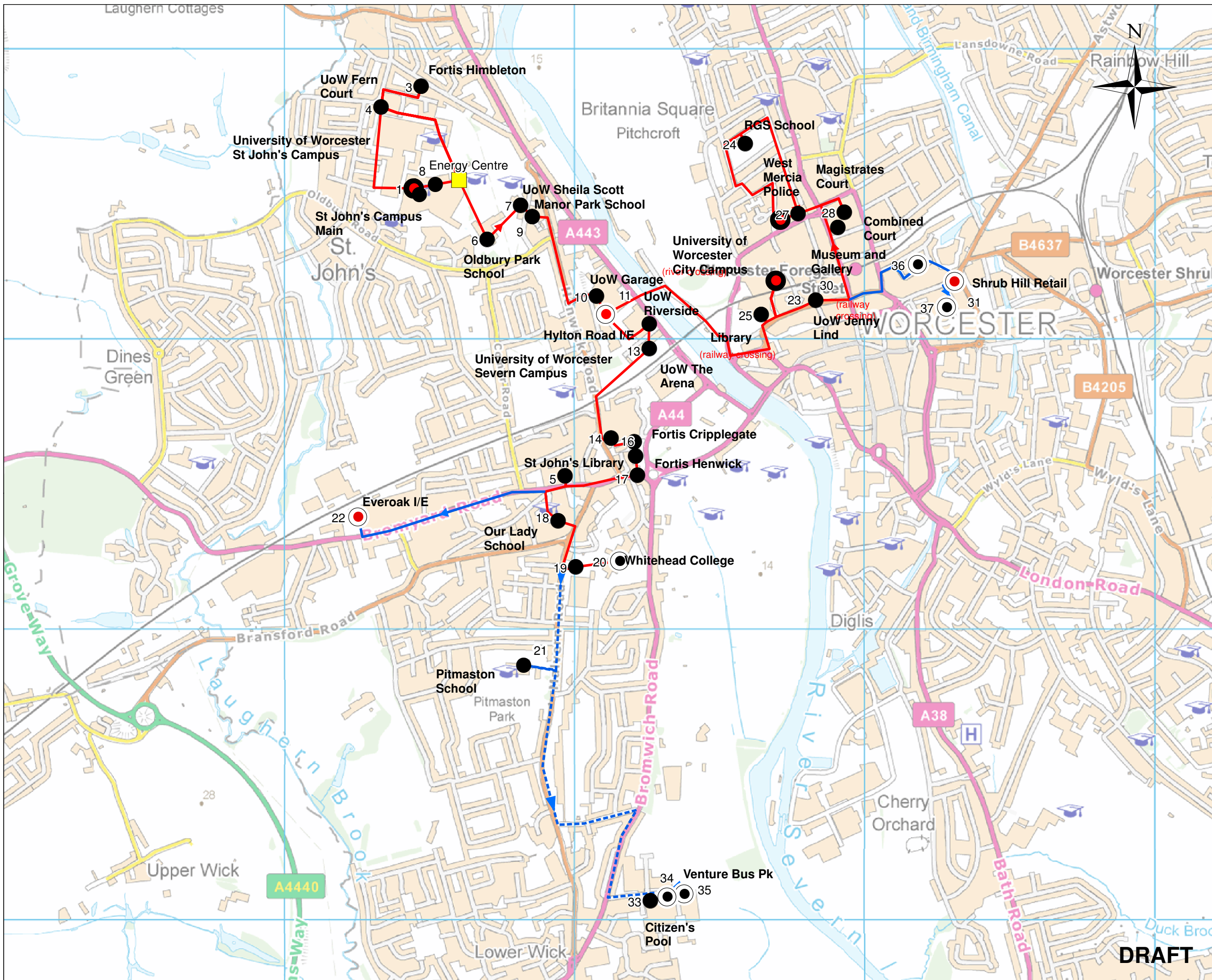
Project
Worcestershire Heat Mapping

Drawing Title
PROPOSED NORTH WORCESTER DISTRICT HEAT NETWORK, WORCESTER

Drawing No.
5.8

Scale @ A3 : 1:11,000

Purpose : Information



- KEY**
- Primary energy centre
 - Medium / small site - public or social ownership
 - Large site - private ownership
 - Medium / small site - private ownership
 - Large site - public or social ownership
 - Phase 1
 - Phase 2
 - - - Possible Phase 2

Site Identifier	Short Name
Energy Centre	Primary Energy Centre
29	Museum & Gallery
31	Shrub Hill Retail
30	UoW Jenny Lind
23	UoW City Campus
25	Library
18	School Our Lady
19	St John's Sport Centre
5	St John's Library
15	Fortis Cripplegate
16	Fortis Henwick
17	Fortis Severn
14	Fortis Russel
22	Everoak I/E
12	UoW Riverside
13	UoW The Arena
11	Hylton Road I/E
10	UoW Garage
6	School Oldbury Pk
9	School Manor Park
4	UoW Fern Court
8	UoW Porters
7	UoW Sheila Scott
1	UoW St John's Campus Main
3	Fortis Himbleton
36	Heenans Ct
24	RGS School
26	West Mercia Police
27	Magistrates Court
28	Combined Court
37	ASDA
20	Whitehead College
35	Venture Bus Pk
34	Amdac
33	Citizen's Pool
21	Pitmaston School

A		J Chapman 09/09/2016	M Kerslake 09/09/2016	M German 09/09/2016
Ver	Amendments	Originated by and date	Checked by and date	Approved by and date

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Client
Wychavon District Council

Project
Worcestershire Heat Mapping

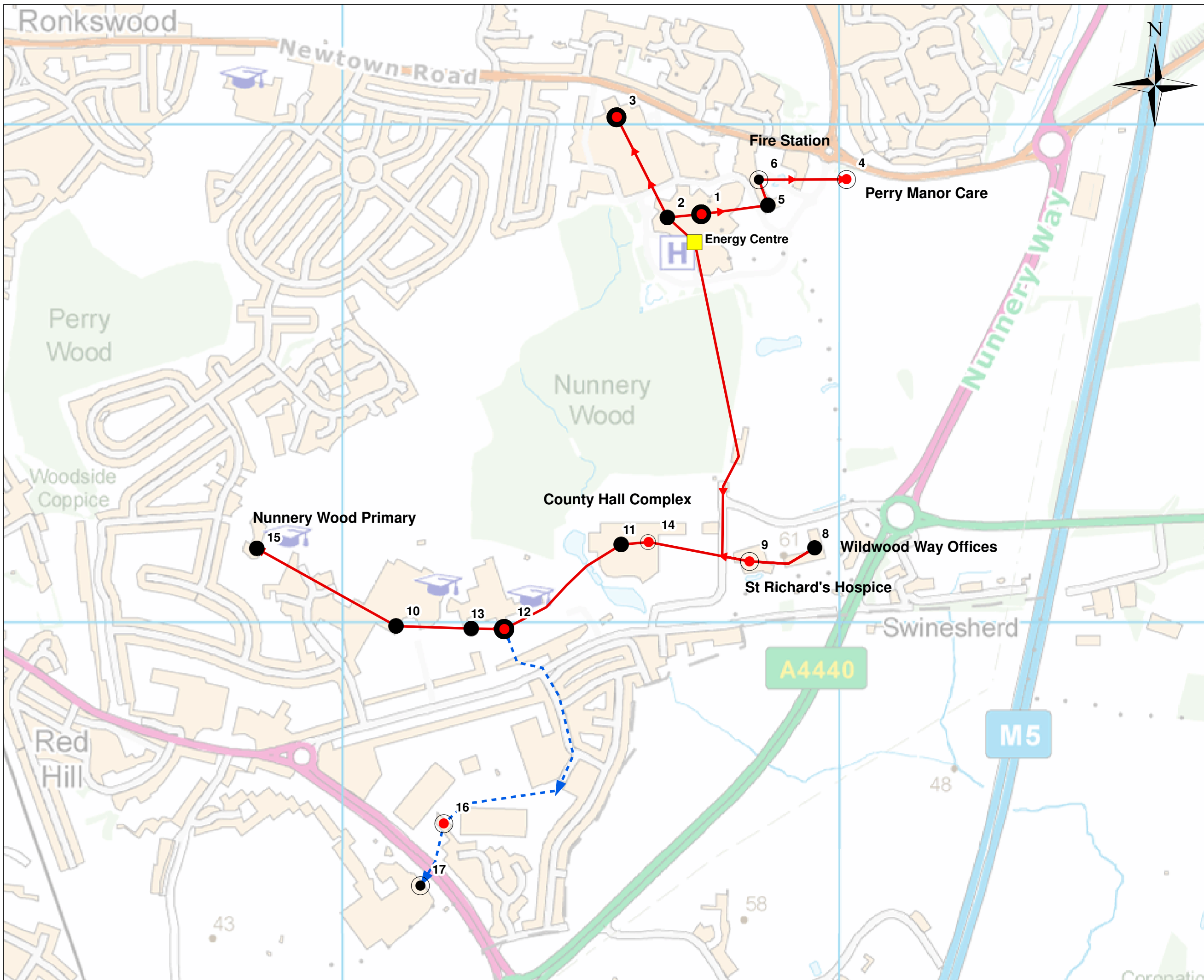
Drawing Title
PROPOSED UNIVERSITY AND CITY CENTRE DISTRICT HEAT NETWORK WORCESTER

Drawing No.
5.9

Scale @ A3 : 1:12,000
Purpose : Information

DRAFT

Path: W:\1070145 Worcestershire heat mapping\09 Documents\GIS ArcGIS_maps\FIGURE XX-Priority Sites WORCESTER UNI & CITY_JC.mxd



KEY

- Primary energy centre
- Medium / small site - public or social ownership
- Large site - private ownership
- Medium / small site - private ownership
- Large site - public or social ownership
- Phase 1
- Phase 2
- Possible Phase 2

Site Identifier	Short Name
Energy Centre	Primary Energy Centre
1	Royal NHS MAIN
2	Royal NHS CHEC
3	Worcs Mental Health Trust
4	Perry Manor Care
5	Fire Station
6	Kings Court Bus Pk
8	Wildwood Way Offices
9	St Richards Hospice
10	School Nunnery High
11	County Hall Secondary
12	6th Form Main
13	6th Form Secondary
14	County Hall Complex
15	School Nunnery Primary
16	Whittington Rd Redevelopment
17	RNIB New College

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A		J Chapman 09/09/2016	M Kerlake 09/09/2016	M German 09/09/2016
Ver	Amendments	Originated by and date	Checked by and date	Approved by and date

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Client
Wychavon District Council

Project
Worcestershire Heat Mapping

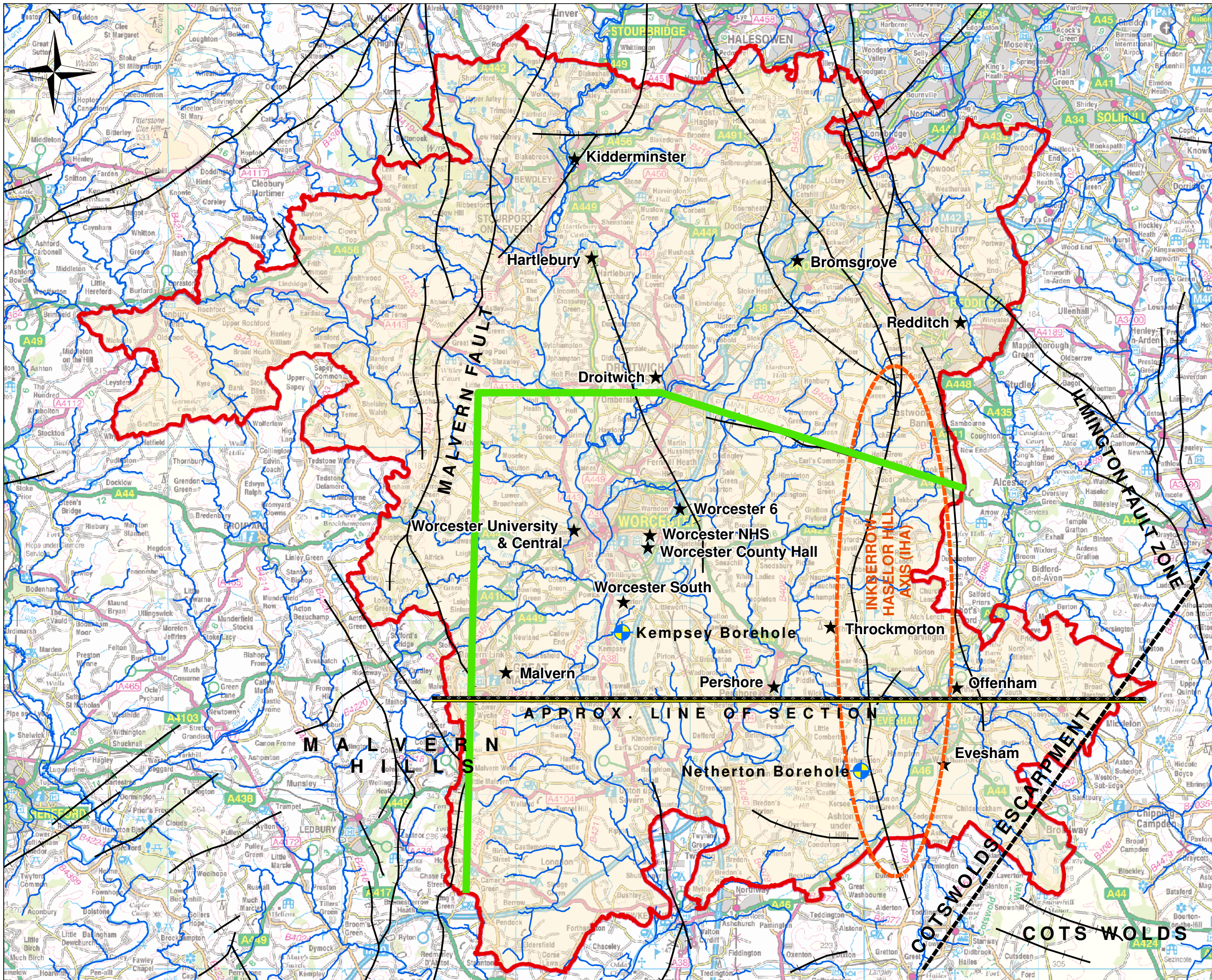
Drawing Title
PROPOSED SOUTHERN DISTRICT HEAT NETWORK, WORCESTER

Drawing No.
5.10

Scale @ A3 : 1:7,000

Purpose : Information

Path: W:\1070145 Worcestershire heat mapping\09 Documents\GIS\ArcGIS_maps\FIGURE XX-Priority Sites WORCESTER SOUTHERN NETWORK_JC.mxd



KEY

- ▭ WORCESTERSHIRE COUNTY BOUNDARY
- BGS DEEP BOREHOLE
- MAJOR GEOLOGICAL FAULT (625K MAP)
- WATERCOURSE
- ★ PRIORITY SITES
- APPROXIMATE NORTHERN AND WESTERN LIMIT OF DEEP GEOTHERMAL POTENTIAL

B	Minor correction	IW 24/01/2017	TE 24/01/2017	TE 24/01/2017
A	First Issue	IW 11/08/2016	SMcG 11/08/2016	TE 11/08/2016
Ver	Amendments	Originated by and date	Checked by and date	Approved by and date

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Client
Wychavon District Council

Project
Worcestershire Heat Mapping

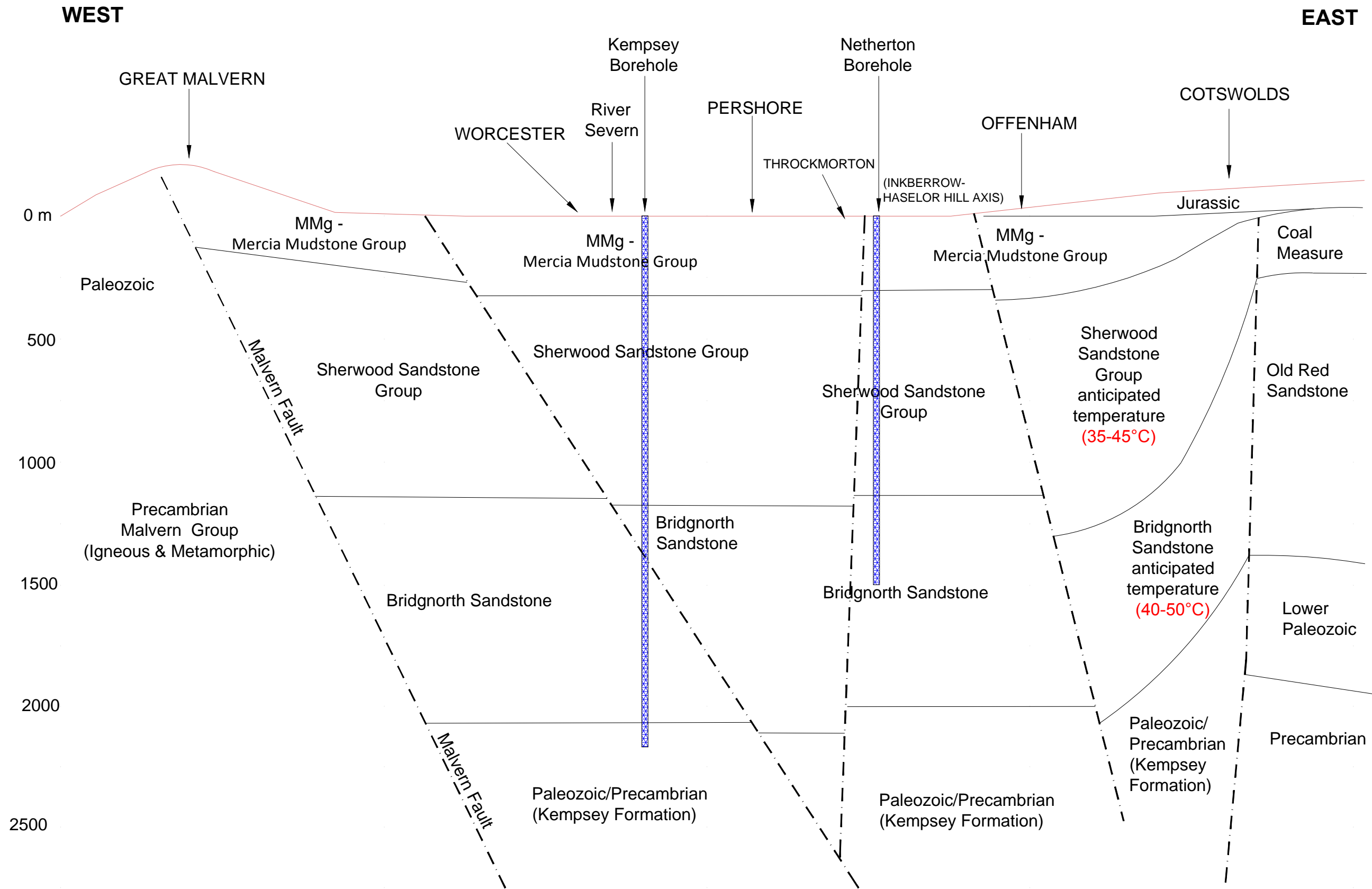
Drawing Title
Main Geological Features and Boreholes of Interest

Drawing No. 6.1

Scale @ A3 : 1:200,000

Purpose : Information

WORCESTER BASIN WEST TO EAST SCHEMATIC CROSS SECTION



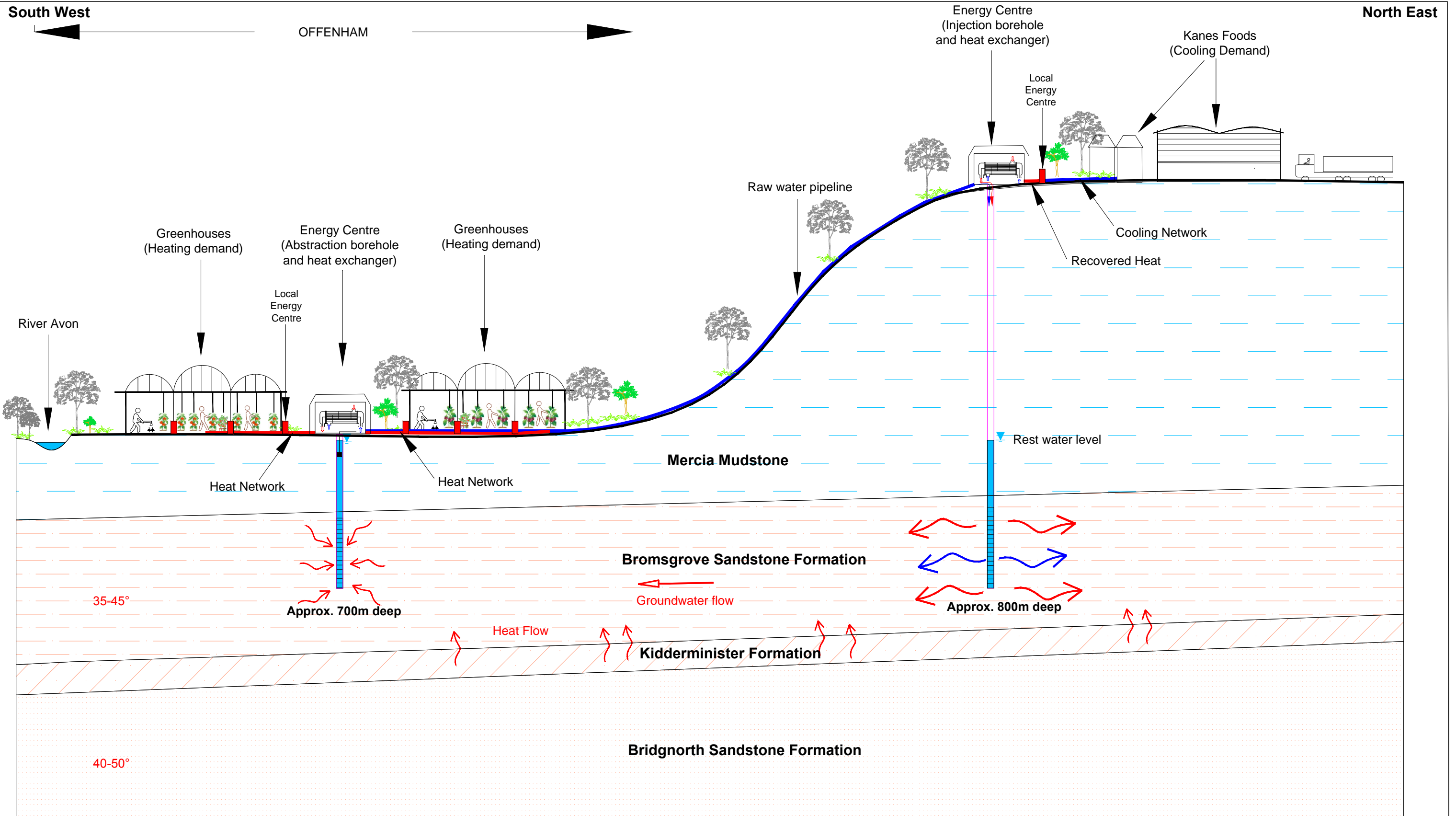
(°C) = Anticipated water temperature



Client :		Wychavon District Council	
Project :		Worcestershire Heat Mapping and Energy Master Planning	
Drawing Title :		Schematic Geological Cross-section Through Southern Worcestershire	
Issuing Office	Bristol	Drawing No. 6.2	Version B
Telephone	0117 906 2300		

B	IW 24/01/2017	TE 24/01/2017	TE 24/01/2017
A	IW 11/08/2016	SMcG 11/08/2016	TE 11/08/2016
Version	Originated by & date	Checked by & date	Approved by & date

Purpose		Scale (at A3 size)
Information		
Draft	●	N.T.S
Issue		

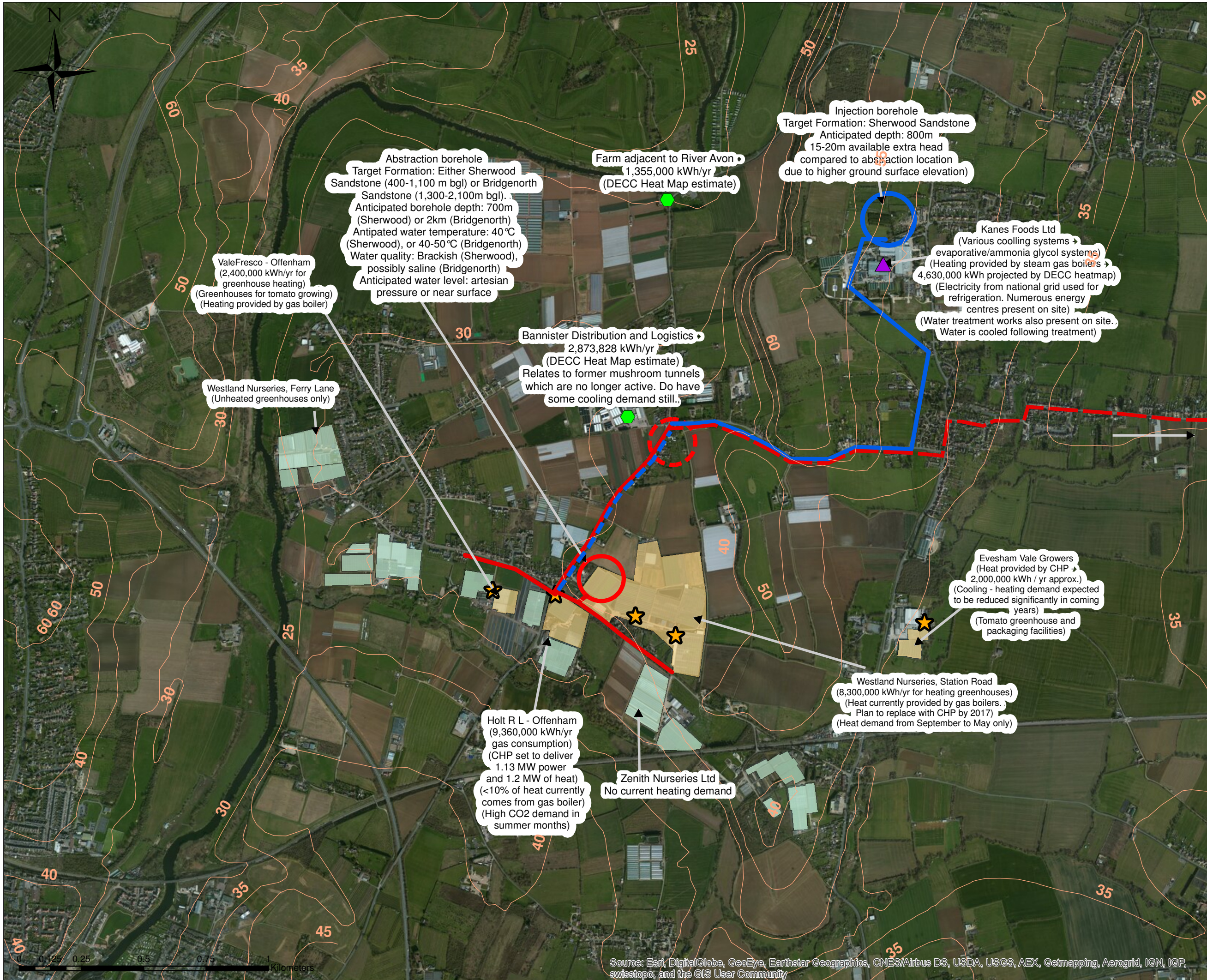


Client : Wychavon District Council
 Project : Worcestershire Heat Mapping and Energy Master Planning
 Drawing Title : Offenhams Geothermal Scheme Concept- Schematic

A	IW	SMcG	TE
Version	Originated by & date	Checked by & date	Approved by & date
	11/08/2016	11/08/2016	11/08/2016

Purpose	Information
Draft	Scale (at A3 size)
Issue	N.T.S

Issuing Office	Bristol	Drawing No. 8.1	Version A
Telephone	0117 906 2300		



KEY

Total projected heat demand (excluding residential) - kWh / yr

- Other_high_heat_demand_location
- ▲ Food Processing Plants
- Possible water transfer main (alt.)
- Ground surface elevation (mAOD)
- Possible heat main to HMP Long Lartin
- Possible water transfer main (orig.)
- Possible heat main
- ★ Greenhouse energy centre
- Indicative abstraction borehole (alt.)
- Indicative injection borehole (orig.)
- Indicative abstraction borehole (orig.)
- Greenhouse area (unheated)
- Greenhouse area (heated)

A		IW	SMcG	TE
		11/08/2016	11/08/2016	11/08/2016
Ver	Amendments	Originated by and date	Checked by and date	Approved by and date

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Client
Wychavon District Council

Project
Worcestershire Heat Mapping

Drawing Title
OFFENHAM HEAT NETWORK CONCEPT

Drawing No. 8.2

Scale @ A3 : 1:14,000
Purpose : Information