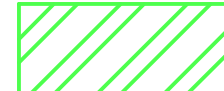


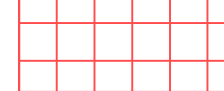




Energy & Carbon Summary		Actions Summary	
<b>Energy Reduction</b>			
Existing Annual Energy (kWhrs)	121,955	<b>Action</b>	<b>Quantity</b>
Switch off (energy removed)	0	Switch Off	0
Dimming	97,248	Dimming Gear and Addressable Node	134
Retro-fit GE Streetwise White Light	0	New 100W SON luminaire c/w Dimming Gear and Addressable Node	0
LED Conversions	0	New 150W SON luminaire c/w Dimming Gear and Addressable Node	26
Part Night Lighting	3,535	Retro-fit 150 watt GE Streetwise CMH lamp in existing luminaire	0
Low Energy Fluorescent conversions	0	New LED luminaire c/w Dimming Gear and Addressable Node	0
<b>New Annual Energy (kWhrs)</b>	<b>100,783</b>	New 35-18lux Part Night PECU	18
<b>Reduction (kWhrs)</b>	<b>21,172</b>	New Low Energy Fluorescent luminaire c/w 35-18 lux All-night PECU	0
<b>Existing Carbon (tonnes p.a.)</b>	<b>66.22</b>		
<b>New Carbon (tonnes p.a.)</b>	<b>54.73</b>		
<b>Carbon Reduction (tonnes p.a.)</b>	<b>11.50</b>		

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**Key:**

 LIGHTING TO REMAIN (WITH DIMMING)	 LIGHTING TO BE REPLACED WITH L.E.D	 LOW ENERGY FLUORESCENT
 SWITCH OFF	 PART NIGHT	 EXTENTS OF SURVEYED LIGHTING

**Notes:**  
EXTENTS OF DIMMING AT ROUNDABOUTS IS FOR INDICATIVE PURPOSES ONLY. PLEASE SEE SCHEDULE OF LIGHTING FOR FULL DETAILS.

01	Site Assessment Not For Construction	RG	AP	AW	07/12
Rev.	Description	Drawn	Check	App.	Date

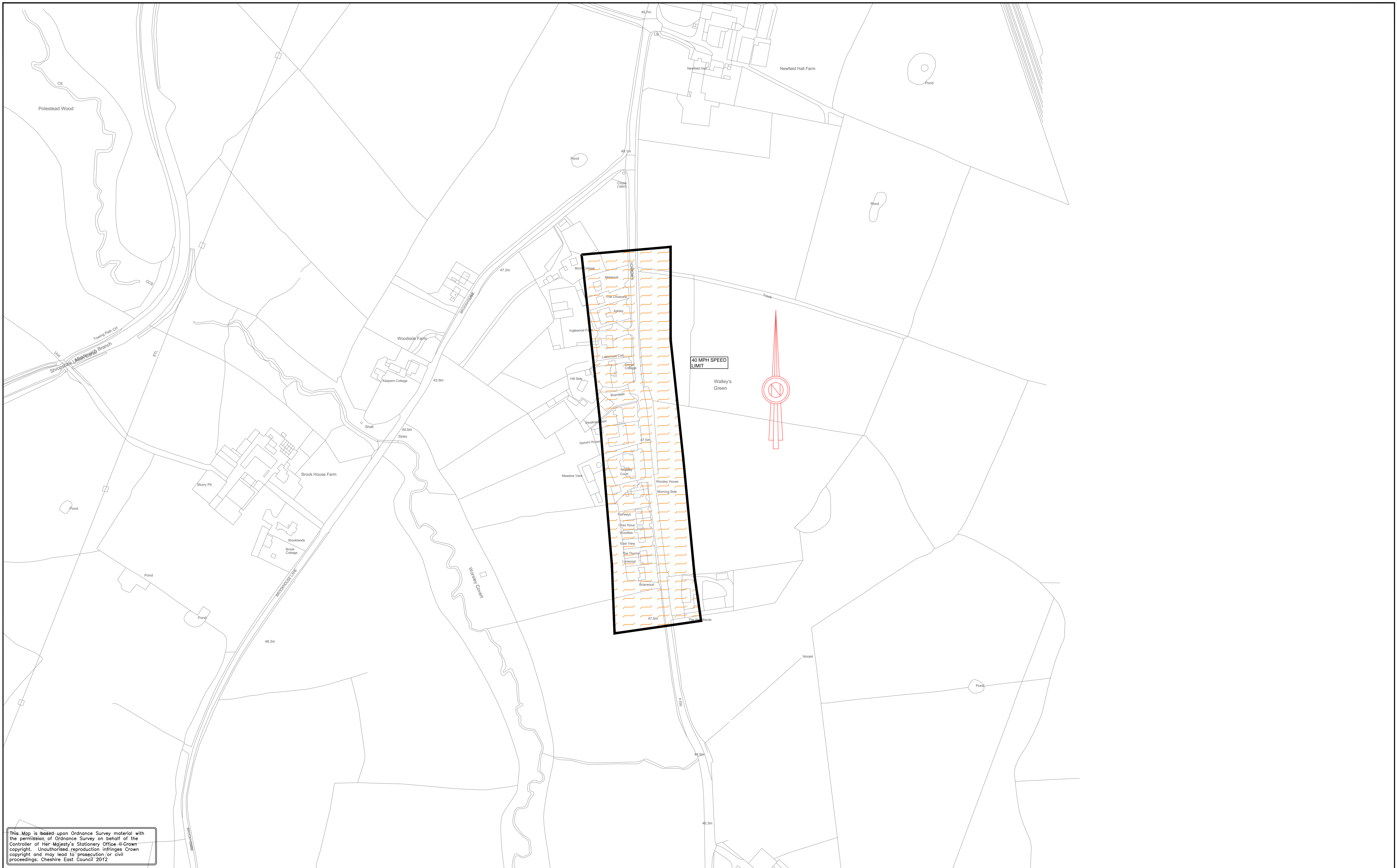
**Project:** Cheshire East Council  
Street Lighting Energy Reduction Strategy

**Drawing:** ZONE 304  
Site Assessment

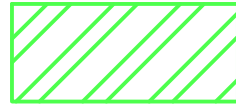
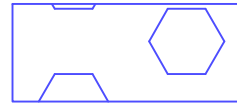


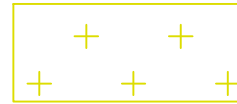
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Drawn: RG	Checked: AP	Approved: AW	Date: JULY 12
Drawing No: P0033a-304-201-01			Revision: 01





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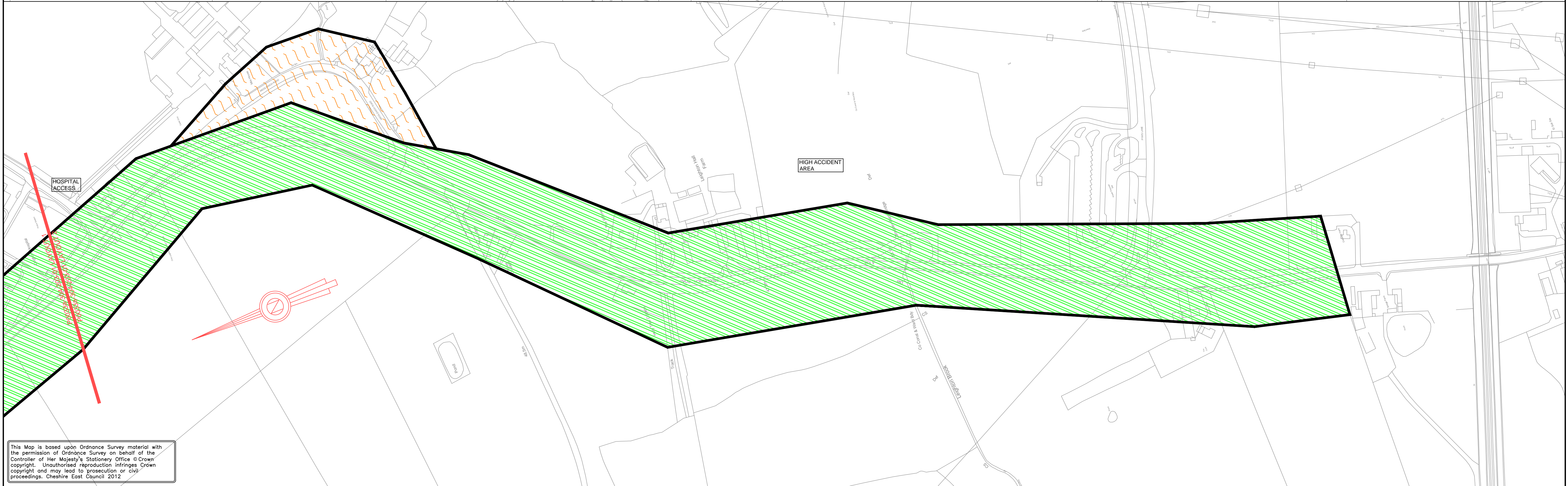
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	LIGHTING TO REMAIN (WITH DIMMING)		LIGHTING TO BE REPLACED WITH L.E.D
	SWITCH OFF		PART NIGHT
	LOW ENERGY FLUORESCENT		EXTENTS OF SURVEYED LIGHTING

Notes:  
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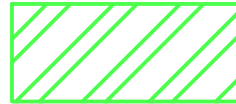
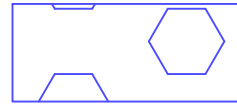
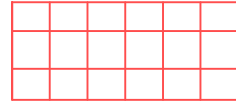

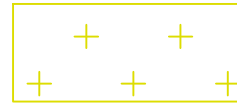

Rev.	Description	Drawn	Check	App.	Date
01	Site Assessment Not For Construction	RG	AP	AW	07/12

<b>Cheshire East Council</b> Street Lighting Energy Reduction Strategy		Scale(s): 1:2000 @A1	
<b>ZONE 304</b> Site Assessment		Drawn: RG	Checked: AP
		Approved: AW	Date: JULY 12
		Drawing No: P0033a-304-202-01	Revision: 01





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	SWITCH OFF		PART NIGHT
	LOW ENERGY FLUORESCENT		EXTENTS OF SURVEYED LIGHTING

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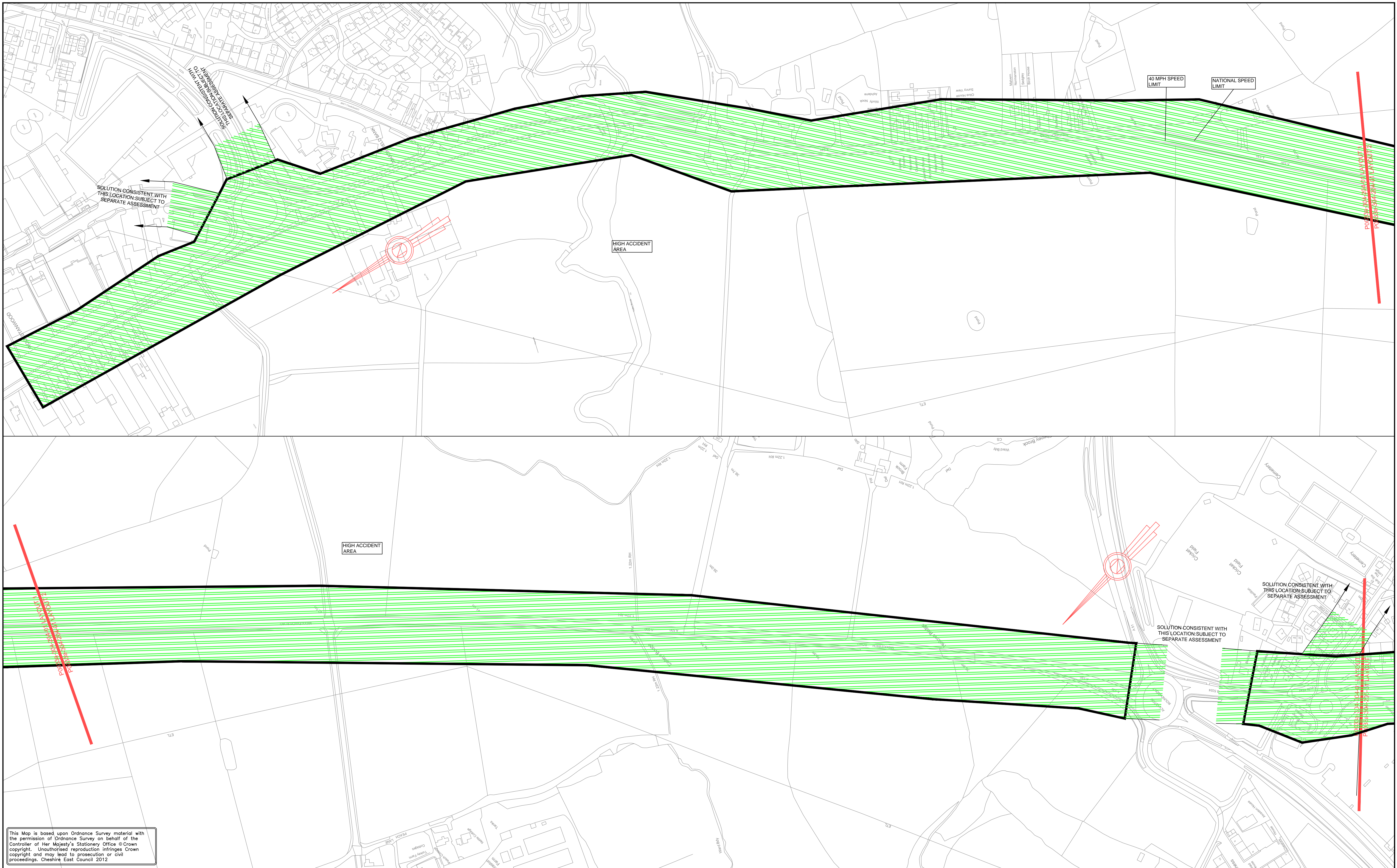
Rev.	Description	Drawn	Check	App.	Date
01	Site Assessment Not For Construction	RG	AP	AW	07/12

**Cheshire East Council**  
Street Lighting Energy Reduction Strategy

Project  
**ZONE 304**  
Site Assessment

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Key:

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	SWITCH OFF		PART NIGHT		EXTENTS OF SURVEYED LIGHTING

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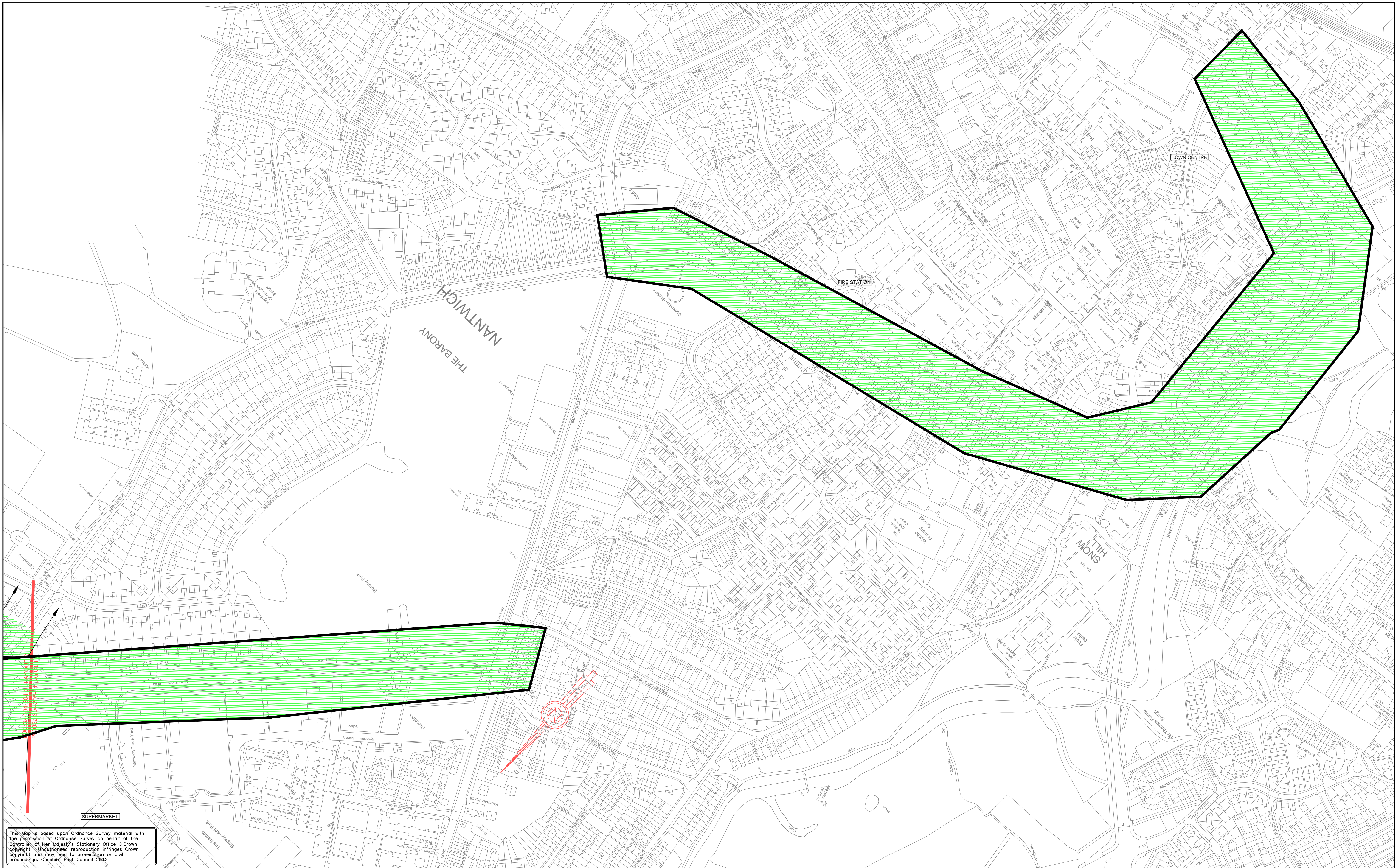
01	Site Assessment Not For Construction	RG	AP	AW	07/12
Rev.	Description	Drawn	Check	App.	Date

Project  
**Cheshire East Council**  
 Street Lighting Energy Reduction Strategy

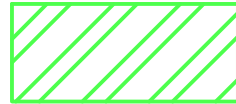
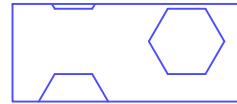
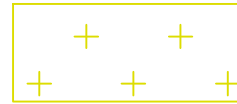
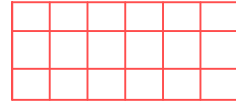


Drawing  
**ZONE 304**  
**Site Assessment**

Scale(s): 1:2000 @A1			
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Key:	
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	LIGHTING TO BE REPLACED WITH L.E.D
	LOW ENERGY FLUORESCENT
	SWITCH OFF
	PART NIGHT
	EXTENTS OF SURVEYED LIGHTING

Notes:  
EXTENTS OF DIMMING AT ROUNDABOUTS IS FOR INDICATIVE PURPOSES ONLY. PLEASE SEE SCHEDULE OF LIGHTING FOR FULL DETAILS.

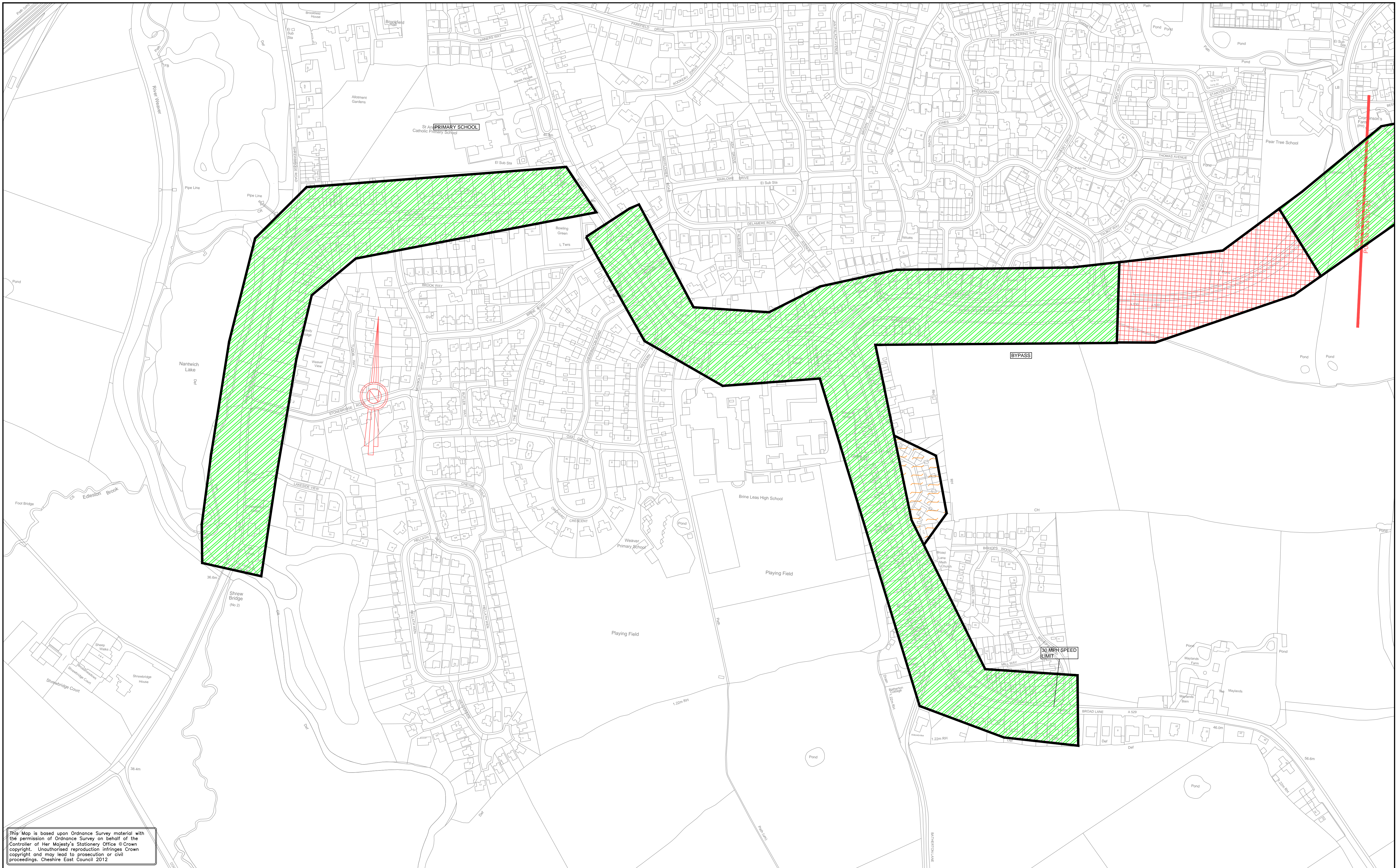
Rev.	Description	Drawn	Check	App.	Date
01	Site Assessment Not For Construction	RG	AP	AW	07/12

Project  
**Cheshire East Council**  
Street Lighting Energy Reduction Strategy

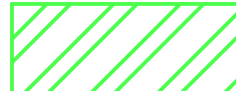
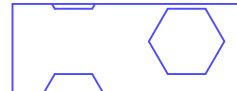
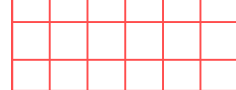



Drawing  
**ZONE 304**  
Site Assessment

Scale(s): 1:2000 @A1			
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	SWITCH OFF		PART NIGHT
	LOW ENERGY FLUORESCENT		EXTENTS OF SURVEYED LIGHTING

Notes:  
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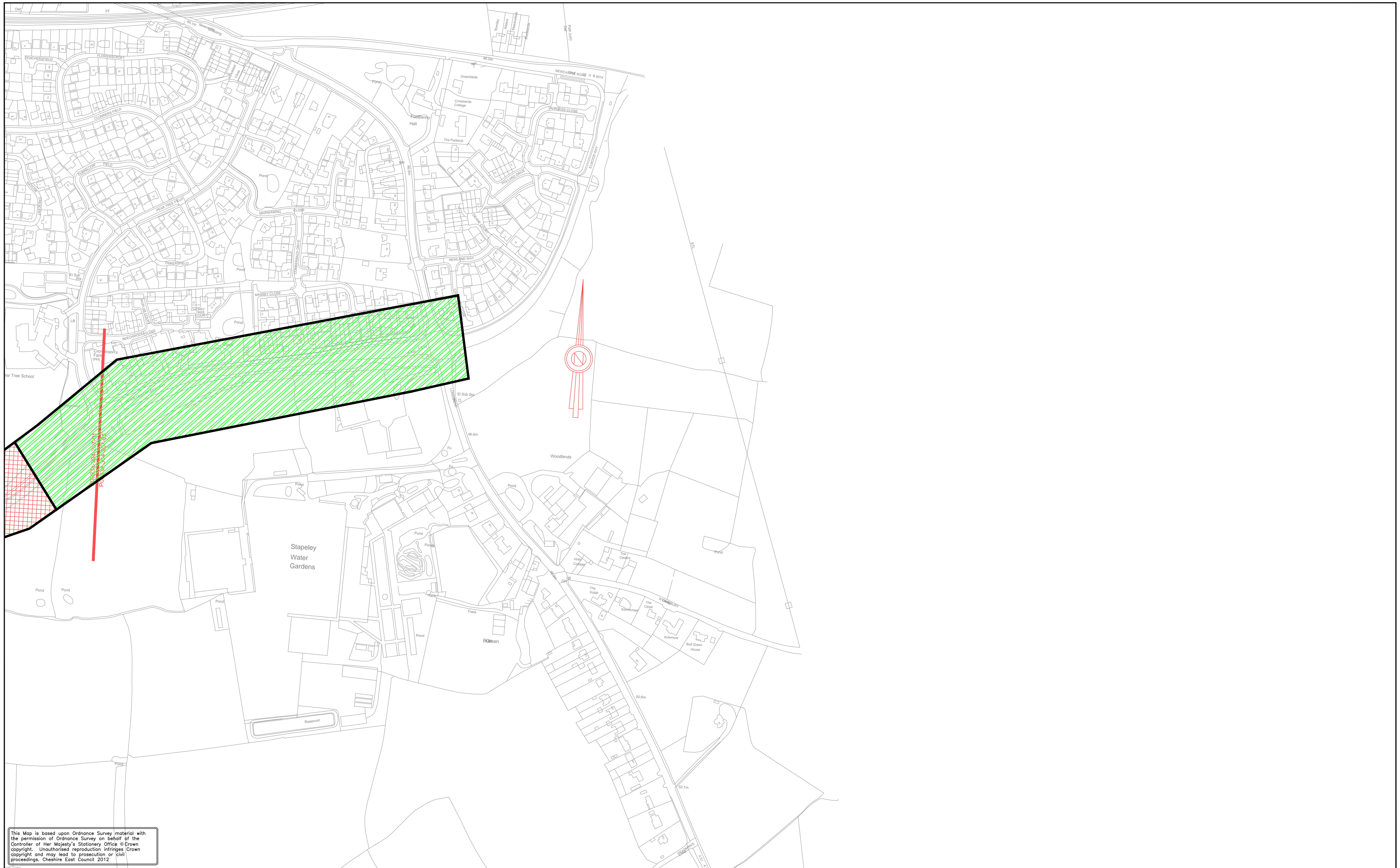
Rev.	Description	Drawn	Check	App.	Date
01	Site Assessment Not For Construction	RG	AP	AW	07/12

Project  
**Cheshire East Council**  
 Street Lighting Energy Reduction Strategy

Drawing  
**ZONE 304**  
 Site Assessment

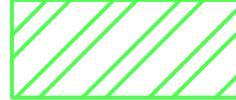
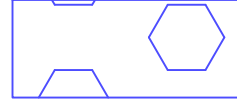




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Key:

- |   |                                   |   |                                    |   |                              |
|---|-----------------------------------|---|------------------------------------|---|------------------------------|
|  | LIGHTING TO REMAIN (WITH DIMMING) |  | LIGHTING TO BE REPLACED WITH L.E.D |  | LOW ENERGY FLUORESCENT       |
|  | SWITCH OFF                        |  | PART NIGHT                         |  | EXTENTS OF SURVEYED LIGHTING |

Notes:

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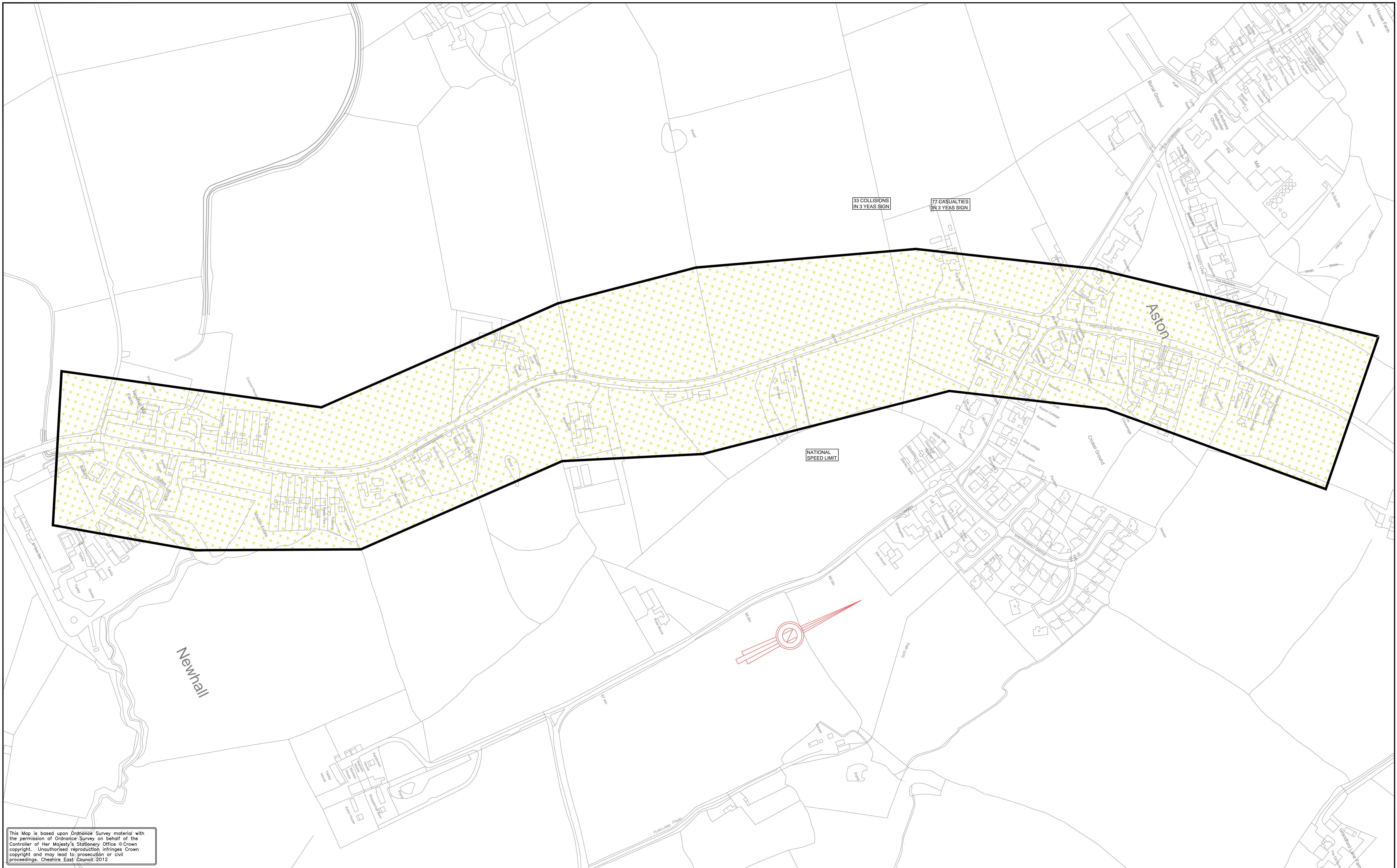
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01	Site Assessment Not For Construction	RG	AP	AW	07/12

Project  
**Cheshire East Council**  
Street Lighting Energy Reduction Strategy

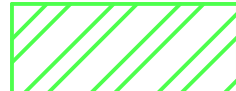
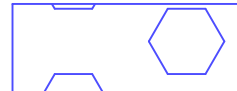

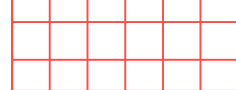


Drawing  
**ZONE 304**  
Site Assessment

Scale(s): 1:2000 @A1			
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	LIGHTING TO BE REPLACED WITH L.E.D
	LOW ENERGY FLUORESCENT
	SWITCH OFF
	PART NIGHT
	EXTENTS OF SURVEYED LIGHTING

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Rev.	Description	Drawn	Check	App.	Date
01	Site Assessment Not For Construction	RG	AP	AW	07/12

**Cheshire East Council**  
Street Lighting Energy Reduction Strategy

Project  
**ZONE 304**  
Site Assessment

Scale(s): 1:2000 @A1			
Drawn: RG	Checked: AP	Approved: AW	Date: JULY 12
Drawing No: P0033a-304-208-01			Revision: 01