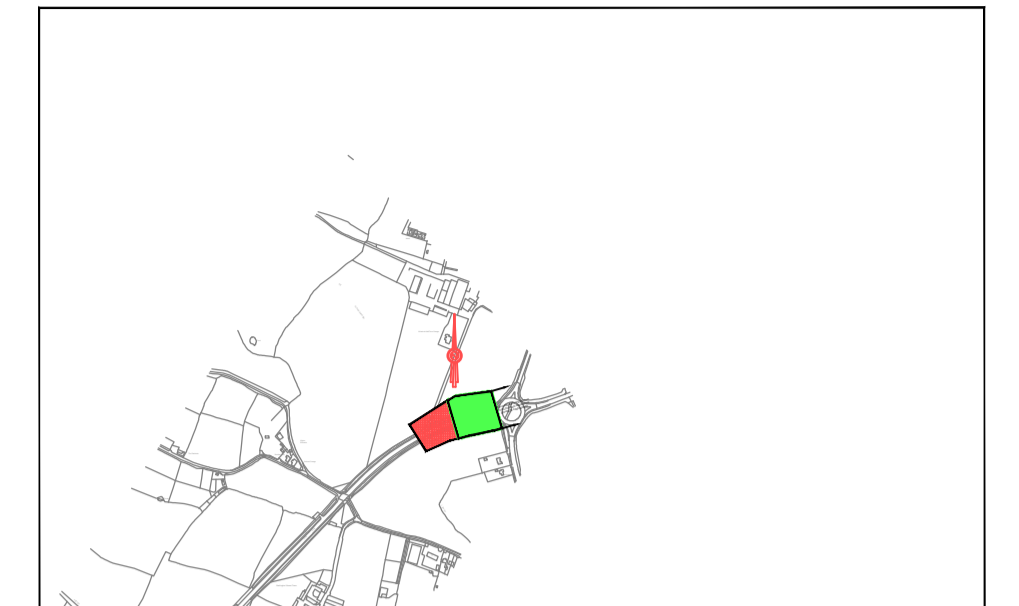


Energy & Carbon Summary		Actions Summary	
<b>Energy Reduction</b>			
Existing Annual Energy (kWhrs)	279,715	<b>Action</b>	<b>Quantity</b>
Switch off (energy removed)	-19,259	Switch Off	27
Dimming	193,728	Dimming Gear and Addressable Node	302
Retro-fit GE Streetwise White Light	25,981	New 100W SON luminaire c/w Dimming Gear and Addressable Node	1
LED Conversions	0	New 150W SON luminaire c/w Dimming Gear and Addressable Node	6
Part Night Lighting	0	Retro-fit 150 watt GE Streetwise CMH lamp in existing luminaire	35
Low Energy Fluorescent conversions	0	New LED luminaire c/w Dimming Gear and Addressable Node	0
		New 35-18lux Part Night PECU	0
		New Low Energy Fluorescent luminaire c/w 35-18 lux All-night PECU	0
<b>New Annual Energy (kWhrs)</b>	<b>219,709</b>		
<b>Reduction (kWhrs)</b>	<b>60,006</b>		
<b>Existing Carbon (tonnes p.a)</b>	<b>151.89</b>		
<b>New Carbon (tonnes p.a.)</b>	<b>119.30</b>		
<b>Carbon Reduction (tonnes p.a.)</b>	<b>32.59</b>		

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P0033a-305-205-01

P0033a-305-204-01

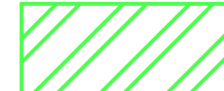



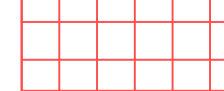

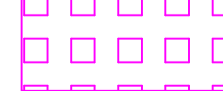
P0033a-305-202-01



P0033a-305-203-01

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Key:

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

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

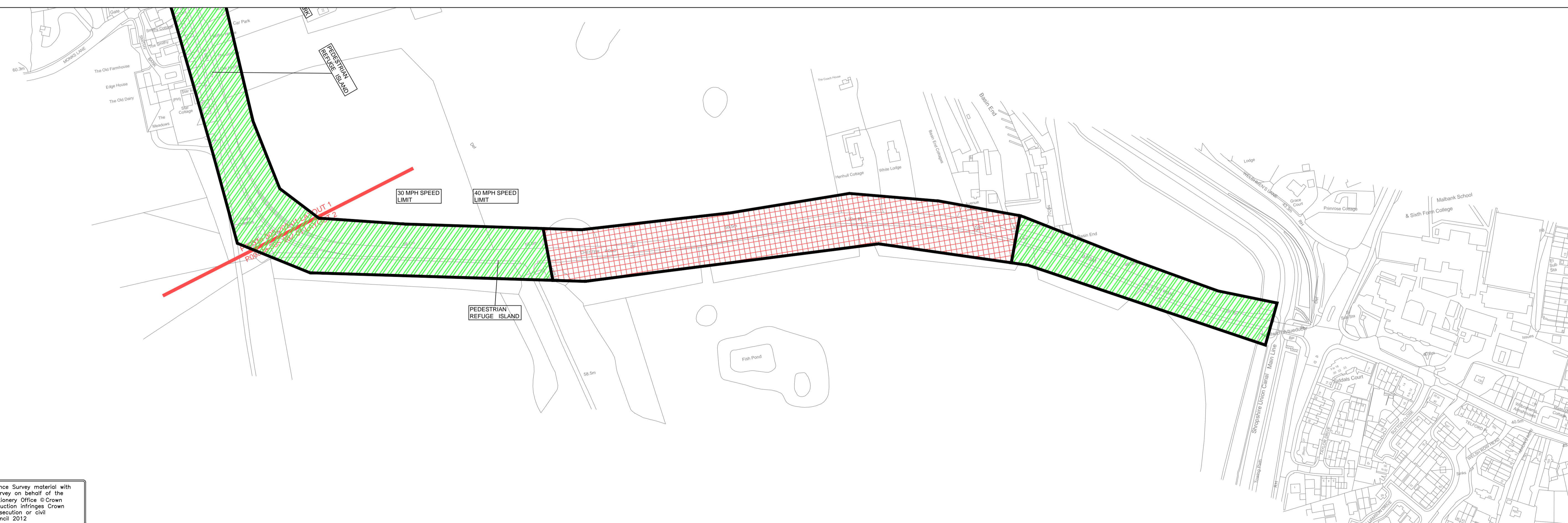
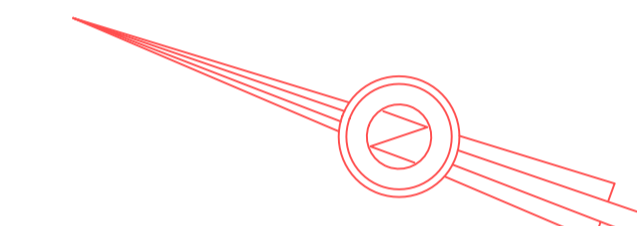
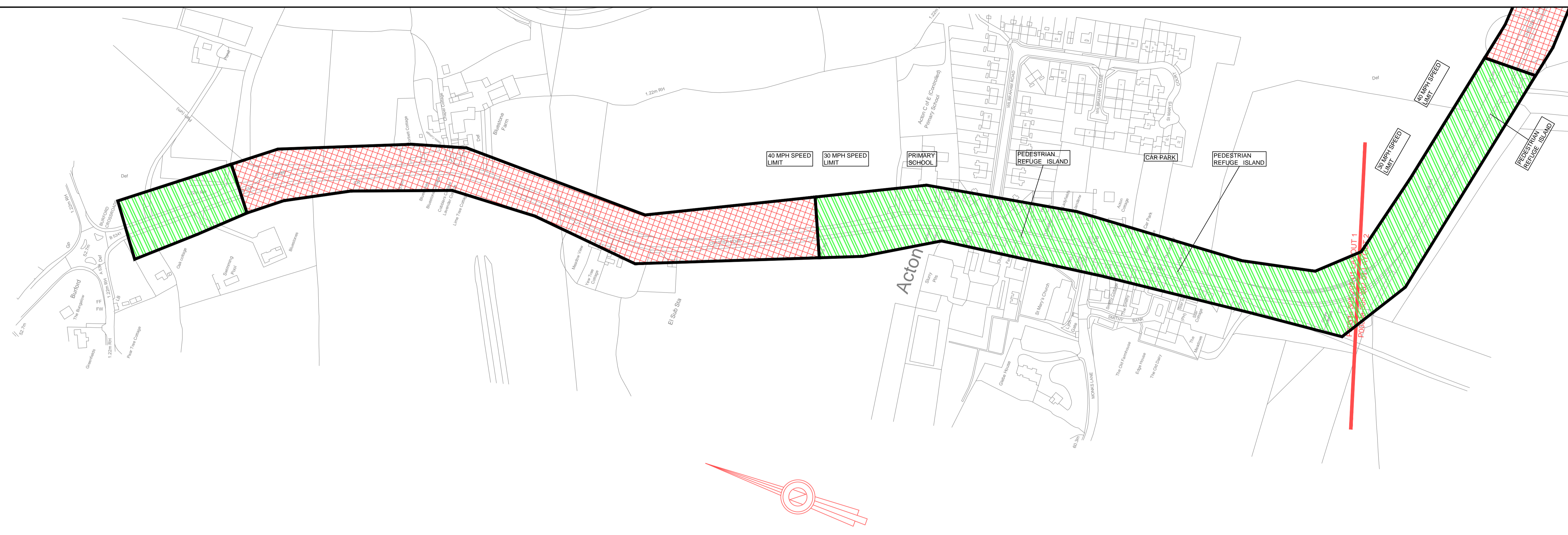
Rev.	Description	Drawn	Check	App.	Date
01	Site Assessment Not For Construction	RG	AP	AW	07/12

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

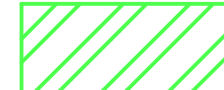

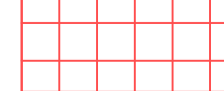



Drawing: **ZONE 305 Site Assessment**

Scale(s): NOT TO SCALE

Drawn: RG	Checked: AP	Approved: AW	Date: JULY 12
Drawing No: P0033a-305-201-01			Revision: 01



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

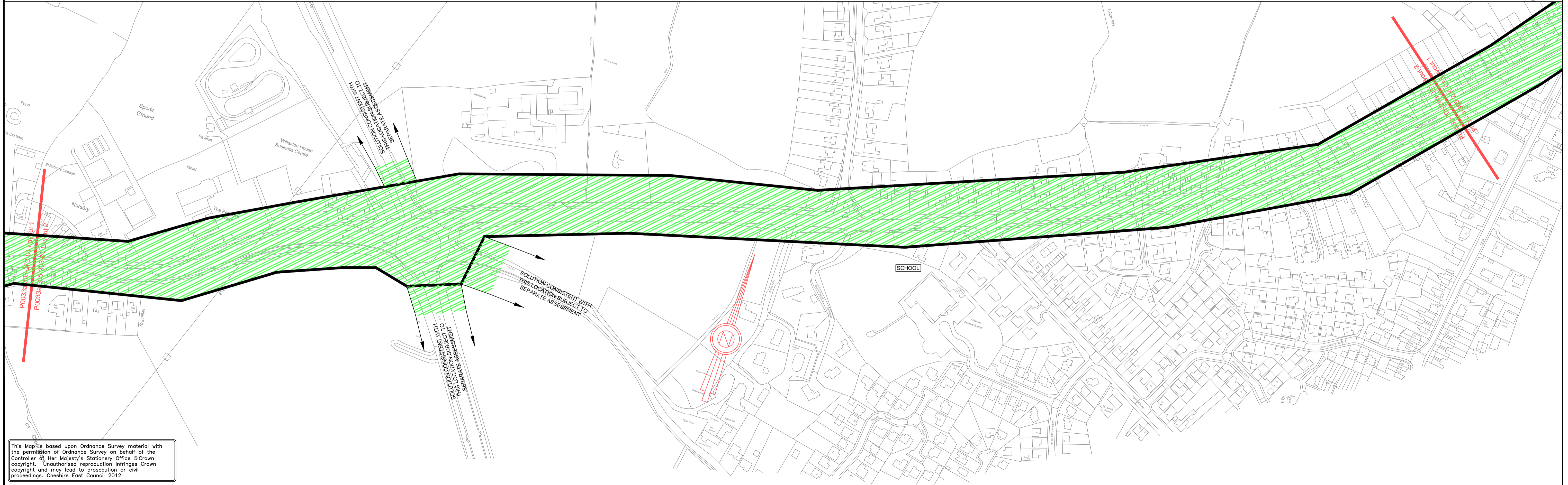
Notes:  
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Rev.	Description	Drawn	Check	App.	Date
01	Site Assessment Not For Construction	RG	AP	AW	07/12

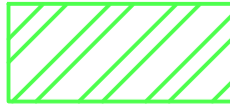
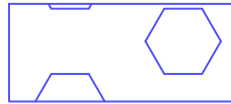
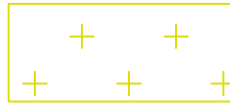
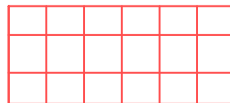


**Cheshire East Council**  
Street Lighting Energy Reduction Strategy

**ZONE 305**  
Site Assessment

Scale(s): 1:2000 @ A1			
Drawn: RG	Checked: AP	Approved: AW	Date: JULY 12
Drawing No: P0033a-305-202-01	Revision: 01		



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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

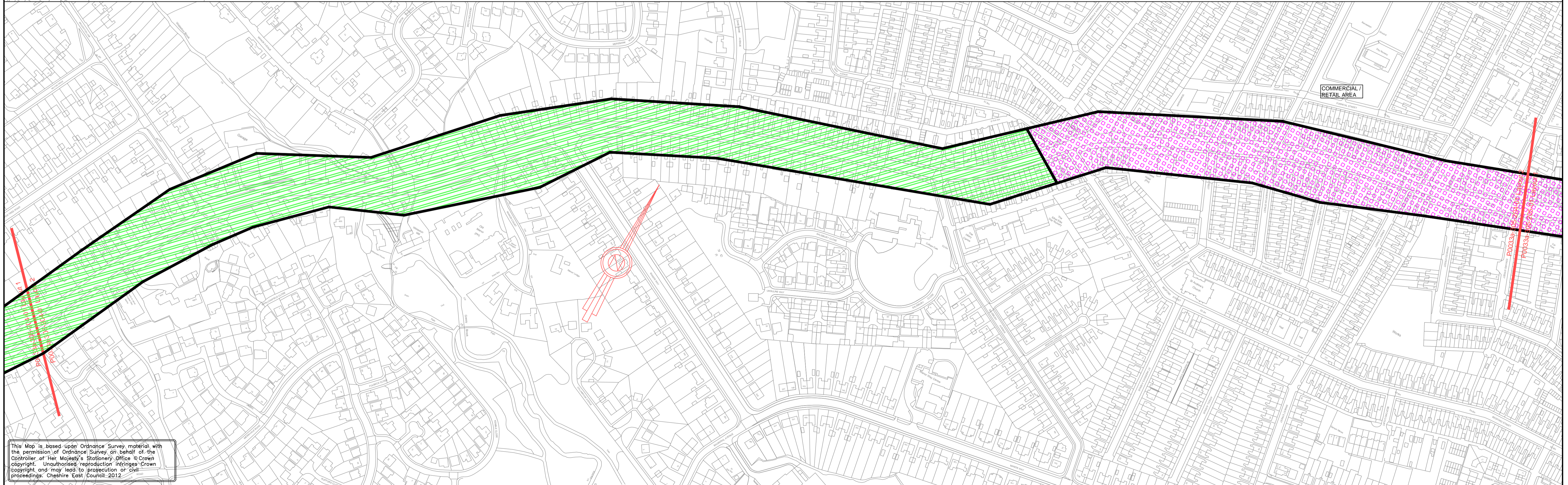
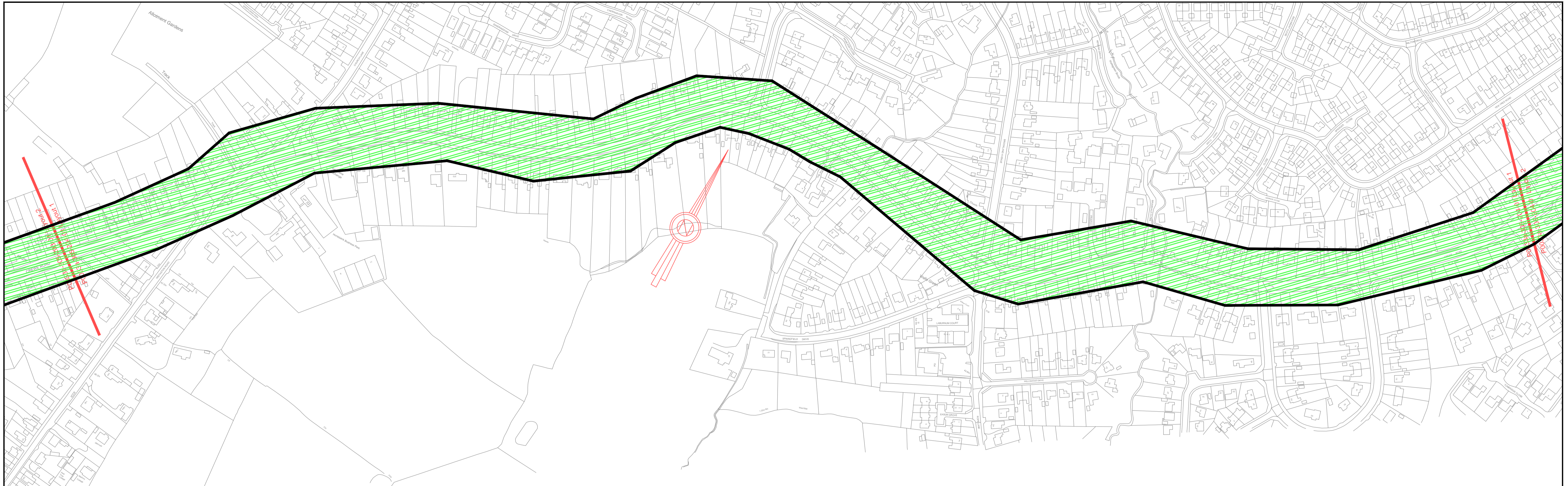
Notes:  
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Rev.	Description	Drawn	Check	App.	Date
01	Site Assessment Not For Construction	RG	AP	AW	07/12

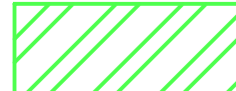



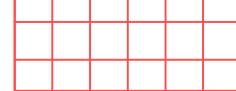


Project  
**Cheshire East Council**  
 Street Lighting Energy Reduction Strategy

Drawing  
**ZONE 305**  
**Site Assessment**

Scale(s): 1:2000 @A1			
Drawn: RG	Checked: AP	Approved: AW	Date: JULY 12
Drawing No: P0033a-305-203-01	Revision: 01		



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	LIGHTING TO BE REPLACED WITH L.E.D
	LOW ENERGY FLUORESCENT
	EXTENTS OF SURVEYED LIGHTING
	SWITCH OFF
	PART NIGHT
	TOWN CENTRE WHITE LIGHT

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

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

**ZONE 305**  
Site Assessment

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

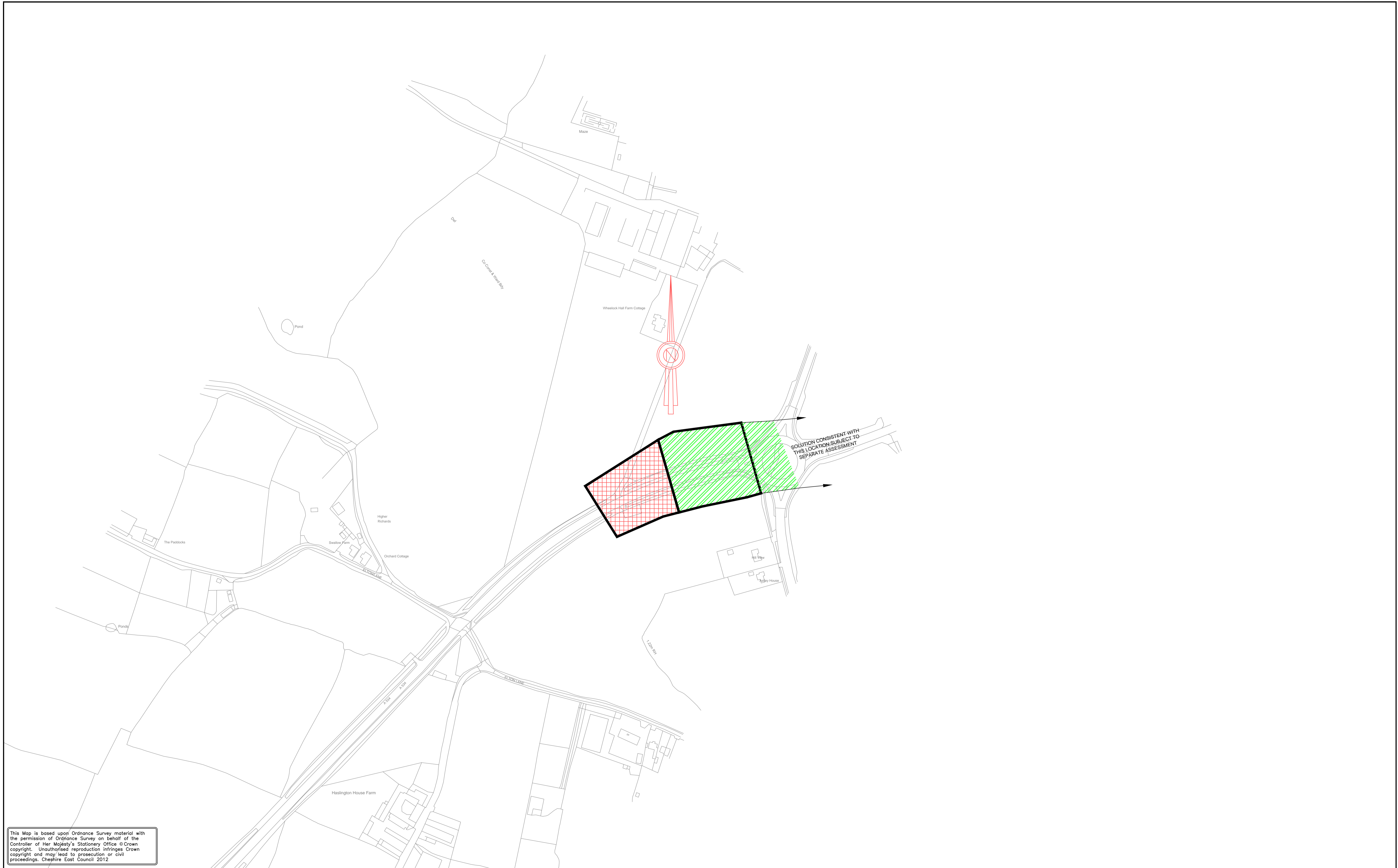
Notes:  
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Rev.	Description	Drawn	Check	App.	Date
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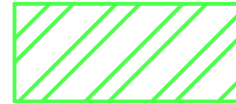

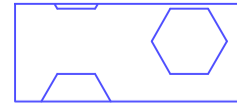

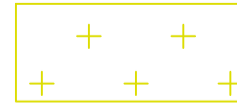

Project  
**Cheshire East Council**  
Street Lighting Energy Reduction Strategy

Drawing  
**ZONE 305**  
**Site Assessment**

Scale(s): 1:2000 @A1			
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	SWITCH OFF
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	PART NIGHT
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	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

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

Drawing  
**ZONE 305**  
Site Assessment

Scale(s): 1:2000 @ A1			
Drawn: RG	Checked: AP	Approved: AW	Date: JULY 12
Drawing No: P0033a-305-206-01			Revision: 01