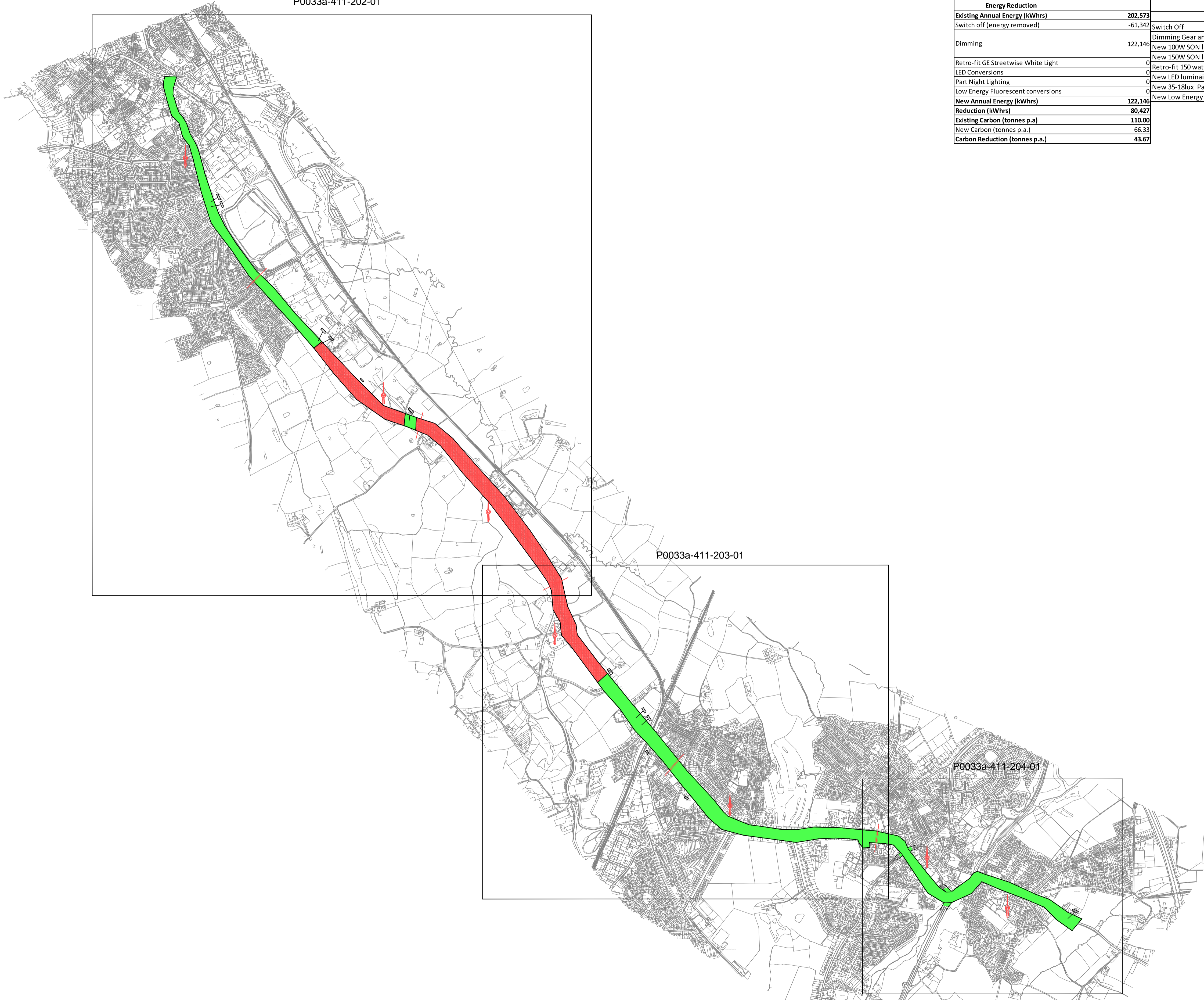


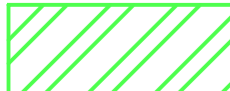


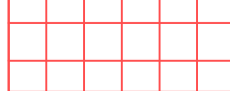


P0033a-411-202-01



Energy & Carbon Summary		Actions Summary	
<b>Energy Reduction</b>		<b>Action</b>	
Existing Annual Energy (kWhrs)	202,573		<b>Quantity</b>
Switch off (energy removed)	-61,342	Switch Off	86
Dimming	122,146	Dimming Gear and Addressable Node	198
		New 100W SON luminaire c/w Dimming Gear and Addressable Node	0
		New 150W SON luminaire c/w Dimming Gear and Addressable Node	0
Retro-fit GE Streetwise White Light	0	Retro-fit 150 watt GE Streetwise CMH lamp in existing luminaire	0
LED Conversions	0	New LED luminaire c/w Dimming Gear and Addressable Node	0
Part Night Lighting	0	New 35-18lux Part Night PECU	0
Low Energy Fluorescent conversions	0	New Low Energy Fluorescent luminaire c/w 35-18 lux All-night PECU	0
<b>New Annual Energy (kWhrs)</b>	<b>122,146</b>		
<b>Reduction (kWhrs)</b>	<b>80,427</b>		
<b>Existing Carbon (tonnes p.a.)</b>	<b>110.00</b>		
<b>New Carbon (tonnes p.a.)</b>	<b>66.33</b>		
<b>Carbon Reduction (tonnes p.a.)</b>	<b>43.67</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

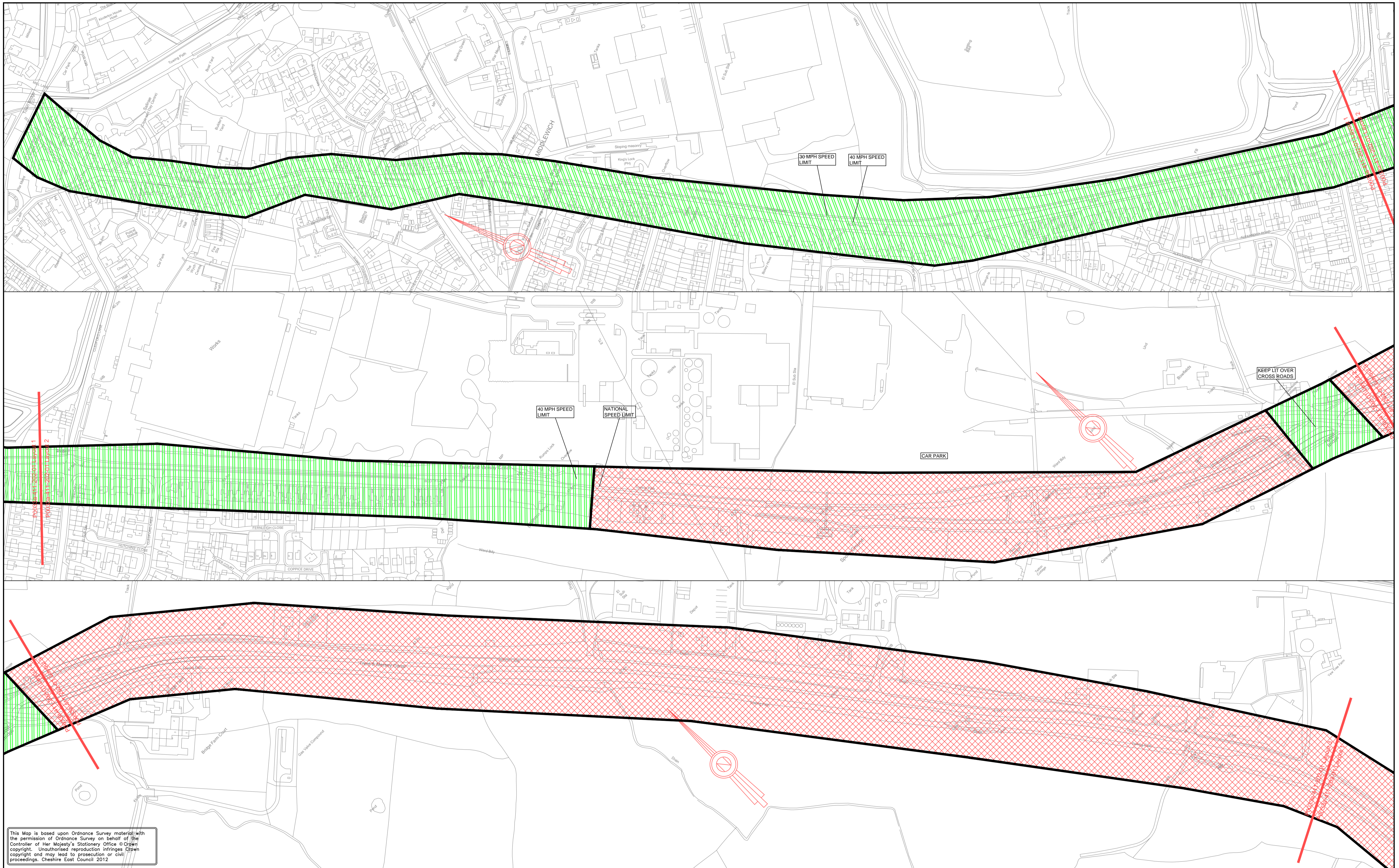
Notes:  
EXTENTS OF DIMMING AT ROUNDABOUTS IS FOR INDICATIVE PURPOSES ONLY. PLEASE SEE SCHEDULE OF LIGHTING FOR FULL DETAILS.

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

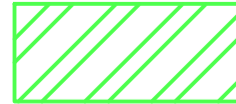
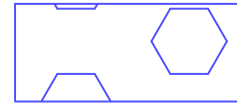

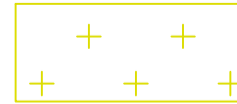


**Cheshire East Council**  
Street Lighting Energy Reduction Strategy

**ZONE 411**  
Site Assessment

Scale(s): NOT TO SCALE			
Drawn: RG	Checked: AP	Approved: AW	Date: JULY 12
Drawing No: P0033a-411-201-01			Revision: 01



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	PART NIGHT		EXTENTS OF SURVEYED LIGHTING

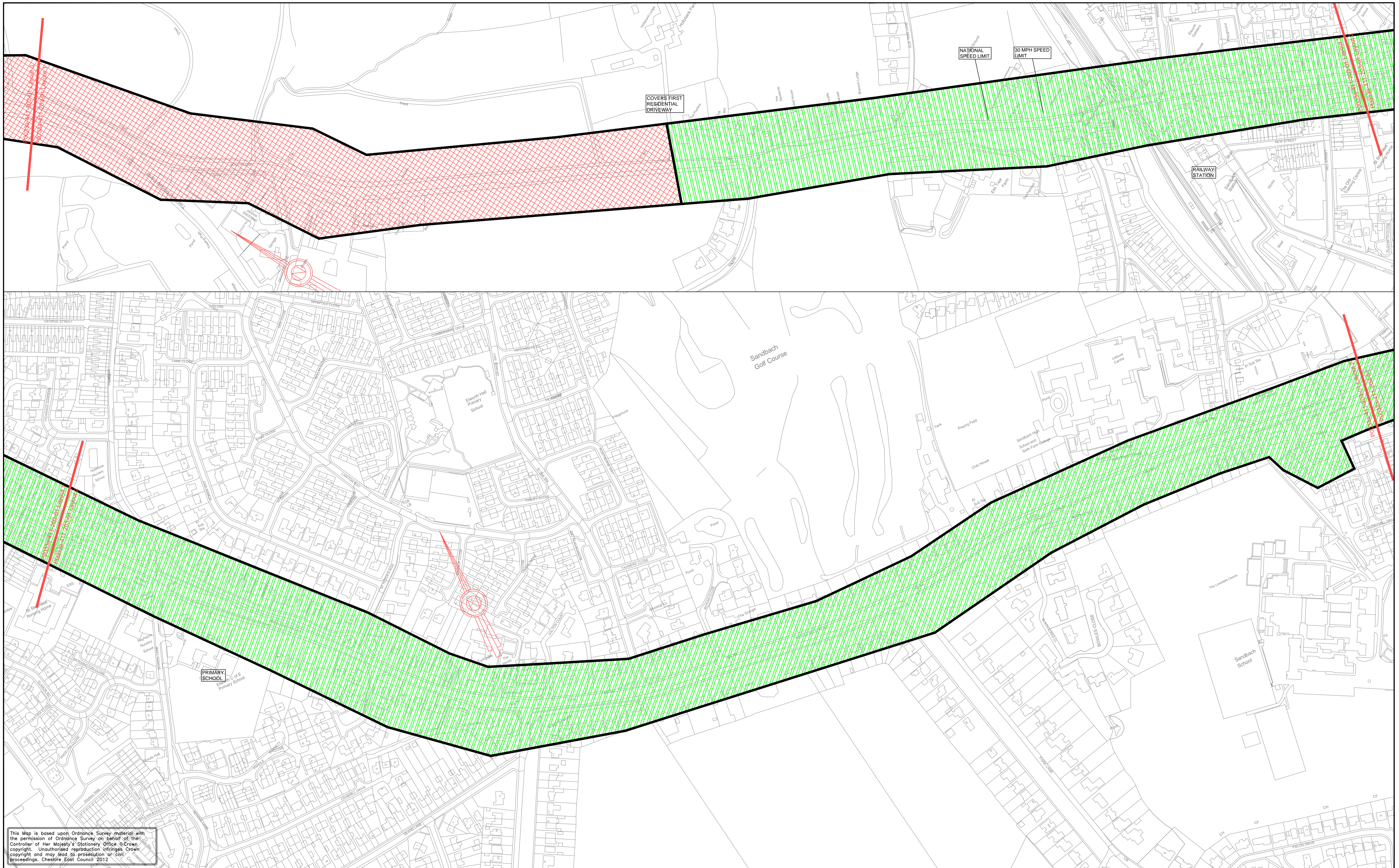
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Rev.	Description	Drawn	Check	App.	Date
01	Site Assessment Not For Construction	RG	AP	AW	07/12

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

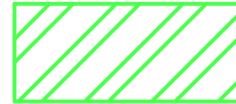
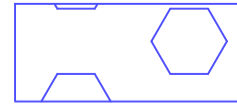
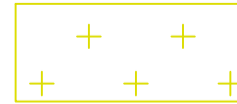



Drawing  
**ZONE 411**  
**Site Assessment**

Scale(s): 1:2000 @ A1			
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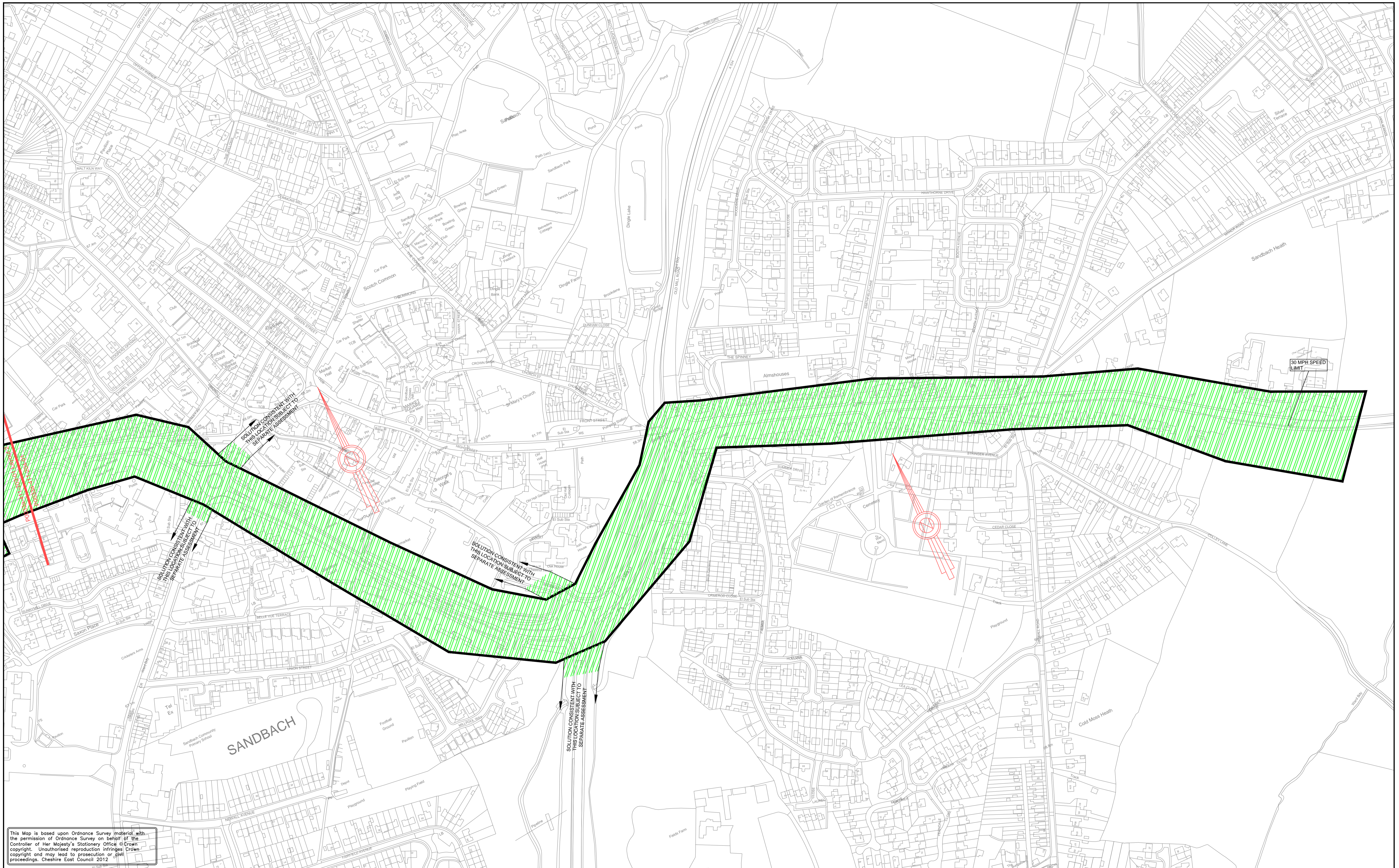
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Project  
**Cheshire East Council**  
Street Lighting Energy Reduction Strategy

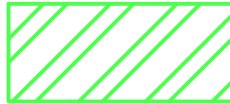
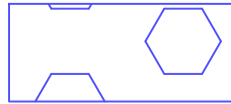
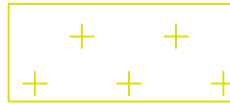
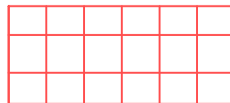


Drawing  
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Site Assessment

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

Drawing: **ZONE 411**  
**Site Assessment**

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