



Ellgia Scunthorpe  
Permit Variation Application

ELL/006

Plans

Plans	
Permits Locations	ELL/006a
Site layout plan 2022	ELL/006b
Point Source Emissions & Drainage Plan 006c	ELL/006c
Process Flow	ELL/006d
Scunthorpe AQMA	ELL/006e
Receptors Plan	ELL/006f
Location Plan	ELL/SCU/FPP/001
Site Plan	ELL/SCU/FPP/002
Site Layout and Storage Plan (proposed)	ELL/SCU/FPP/011
Fuels and Oils Storage	ELL/SCU/FPP/011a

Ellgia Scunthorpe Site Plan and Permit Locations









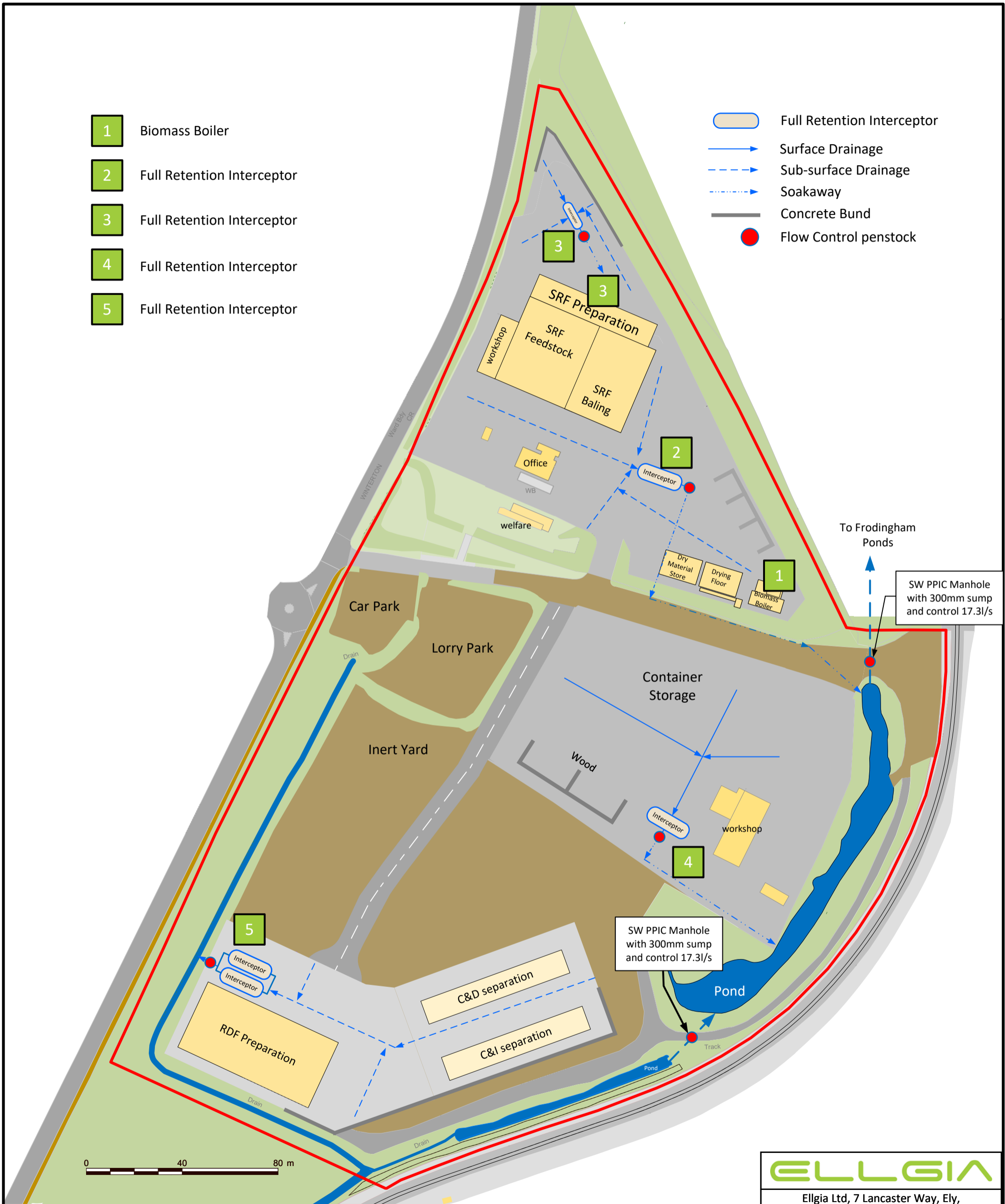
- Site Boundary
- Permit Boundary
- Permit Boundary
- Permit Boundary
- Land recently purchased by Ellgia



<b>ELLGIA</b>		
Ellgia Ltd, 7 Lancaster Way, Ely, Cambridgeshire, CB6 3NW		
Title	Site Plan 2022	
Drawing No.	ELL/006b	
Date	Revision	Scale
19/06/22	B	1:1000 at A3

- 1 Biomass Boiler
- 2 Full Retention Interceptor
- 3 Full Retention Interceptor
- 4 Full Retention Interceptor
- 5 Full Retention Interceptor

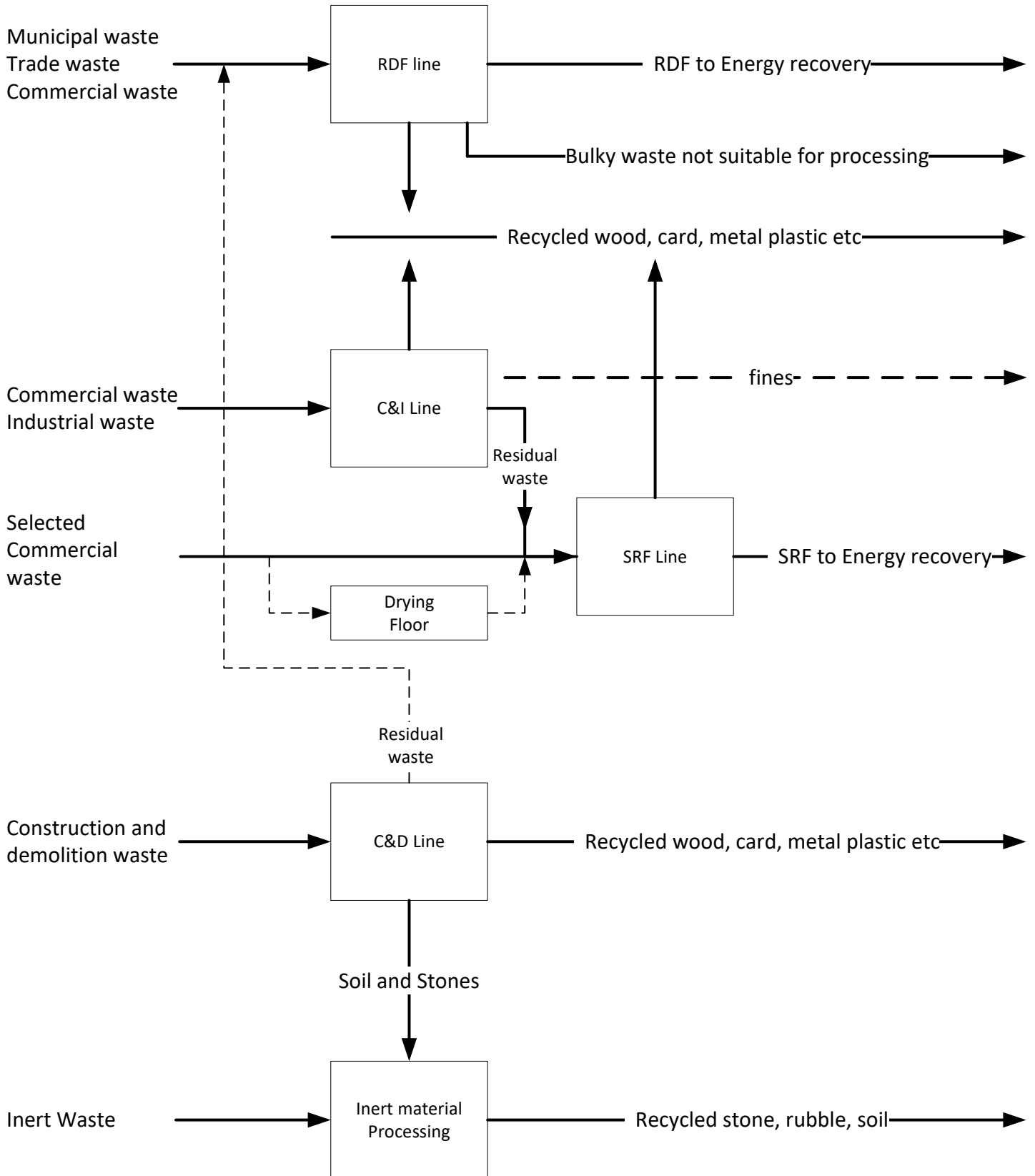
-  Full Retention Interceptor
-  Surface Drainage
-  Sub-surface Drainage
-  Soakaway
-  Concrete Bund
-  Flow Control penstock

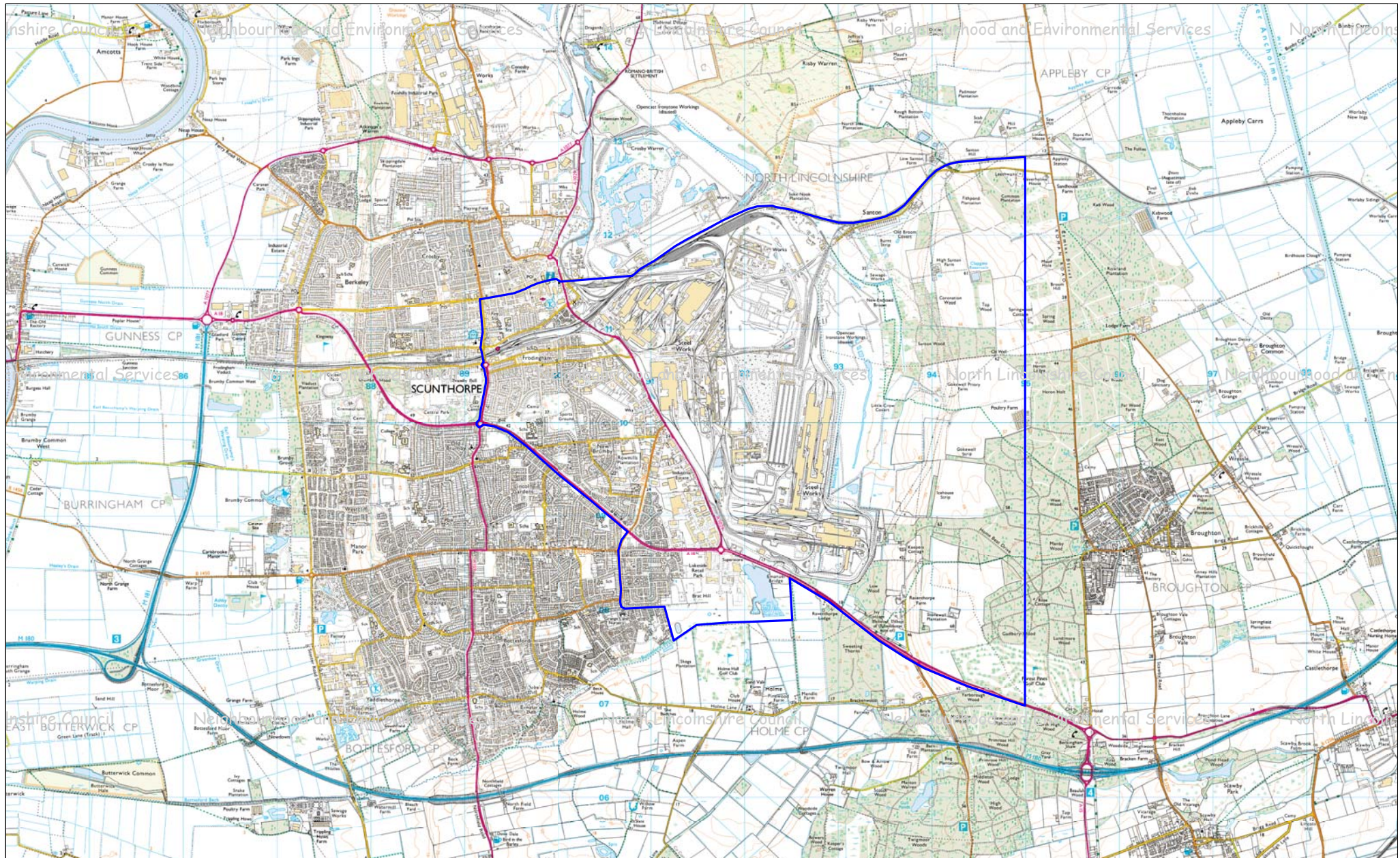



<b>ELLGIA</b>		
Elgia Ltd, 7 Lancaster Way, Ely, Cambridgeshire, CB6 3NW		
Title	Point Source Emissions	
Drawing No.	ELL/006c	
Date	Revision	Scale
Jun 22	A	1:1000 at A3



ELL/006d  
Ellgia Scunthorpe Permit Variation Application  
Site Process Schematic






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**NORTH LINCOLNSHIRE COUNCIL 100013349 2007**

Drawing Title: Scunthorpe AQMA for breaches of the daily objective for PM10s	
Drawn by: JRF	Date: 08/03/2007
Scale: NOT TO SCALE	OS Grid Ref: SE9154309898



**Neighbourhood and Environmental Services**

Head of Service,  
**Keith Ford** BA(Hons), MCIEH, MRSH, MInstWM

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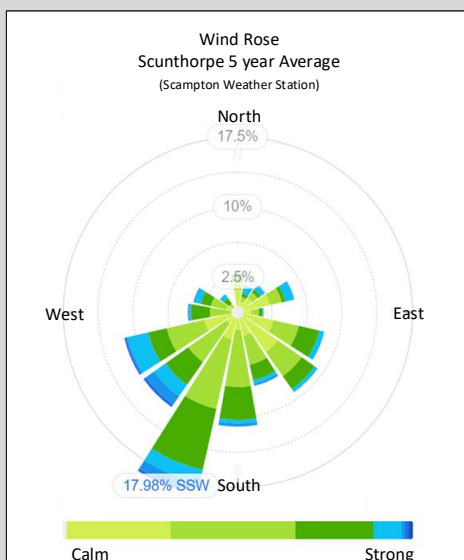
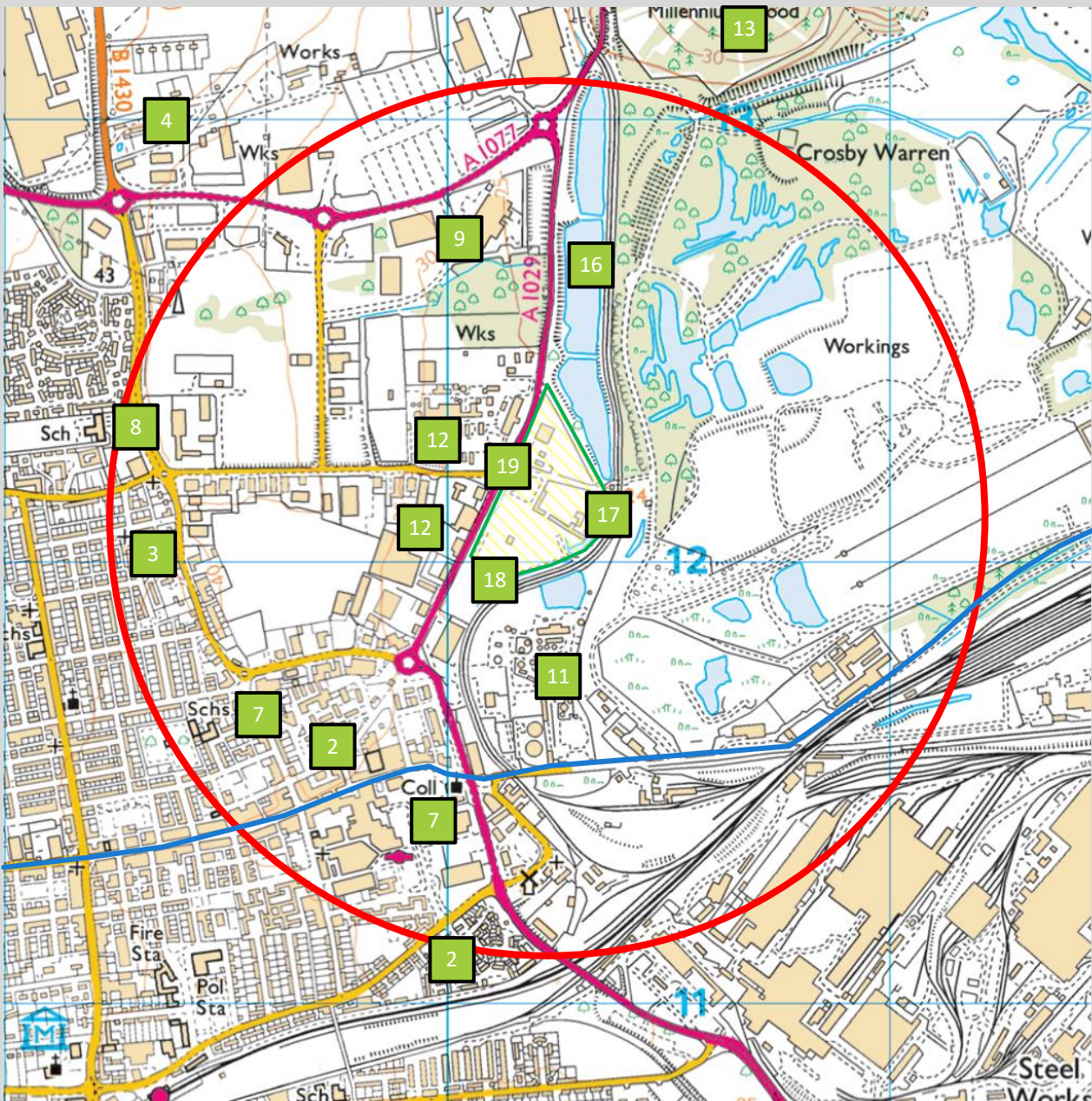
ELL/006f

Ellgia Scunthorpe

Permit Variation Application reference

Receptors Plan

Ellgia Scunthorpe Receptors with 1km  
Grid Reference SE 90224 12236



<b>ELLGIA</b>		
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Title	Sensitive Receptors	
Drawing No.	ELL/SCU/FPP/020	
Date	Revision	Scale
28/09/21	B	NA



The Table below details the identified sensitive receptors for the **Top Site** within a 2 kilometre radius (unless otherwise specified) of the facility. Only the closest receptor in each direction is listed. The EMS Sensitive Receptor Plans show the location of the receptors in line with the plan reference given below.

Nature of Receptor		Direction	Approximate Distance from Emission Points Associated with the Process <sup>3</sup>	Plan Reference
Residential*		NNE	1.6 km	1
		S	960 metres	2
		W	750 metres	3
		NW	1 km	4
Hospitals*		SW	2 km	5
Educational*		NNE	1.7 km	6
		SW	900 metres	7
		W	1 km	8
Industrial / Commercial / Offices*		N	300 metres	9
		E	1 km	10
		S	20 metres	11
		W	25 metres	12
Nature Conservation <sup>5</sup>	Sawcliffe LNR	NNE	750 metres	13
	Atkinson's Warren LNR	W	1.65 km	14
	Risby Warren SSSI	NE	1.6 km	15
Water Resources – Surface Waters		N	15 metres	16
		E	15 metres	16
		S	25 metres (site drainage ponds)	17
		W	155 metres (site drainage ditches)	18
Water Resources – Groundwater <sup>1</sup>		Site is not located within a Groundwater Source Protection Zone. It is anticipated the underlying geology will have a variable permeability.		
Highways and Transportation <sup>2</sup>		S	Adjacent	19
		W	Adjacent	20
Air Quality Management Zone <sup>4</sup>		Site lies within the Scunthorpe Air Quality Management Zone for breaches of the daily objective for PM10s.		

\*: Closest receptor identified;

1: Groundwater Source Protection Zones identified using the 'What's in your backyard' section of the Environment Agency's website. Geology outlined using the Envirocheck Report Geology 1:50,000 Maps Referenced 29261326\_1\_1, 3-Nov-2009.

2: Closest local road network only;

3 Distance shown measured using Ordnance Survey data provided by Promap;

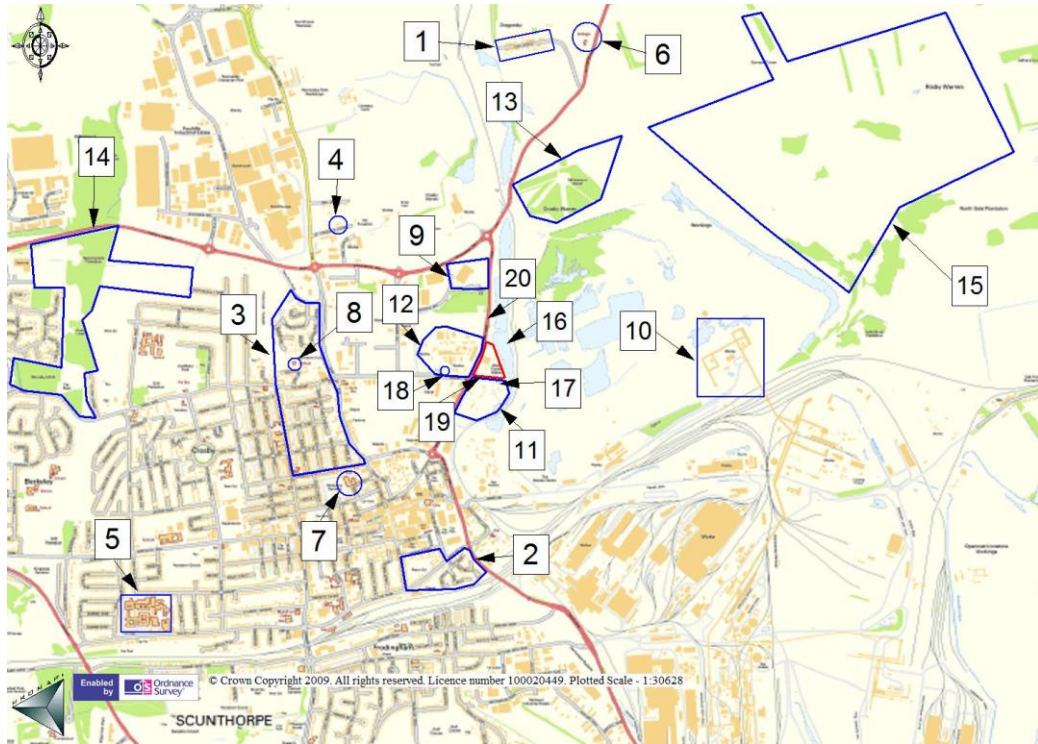
4 Air Quality Management Zone data assessed using [www.airquality.co.uk/archive/laqm/laqm.php](http://www.airquality.co.uk/archive/laqm/laqm.php) November 2009;

5 Nature and Conservation receptors established through the MAGIC and Nature on the Map websites October / November 2009

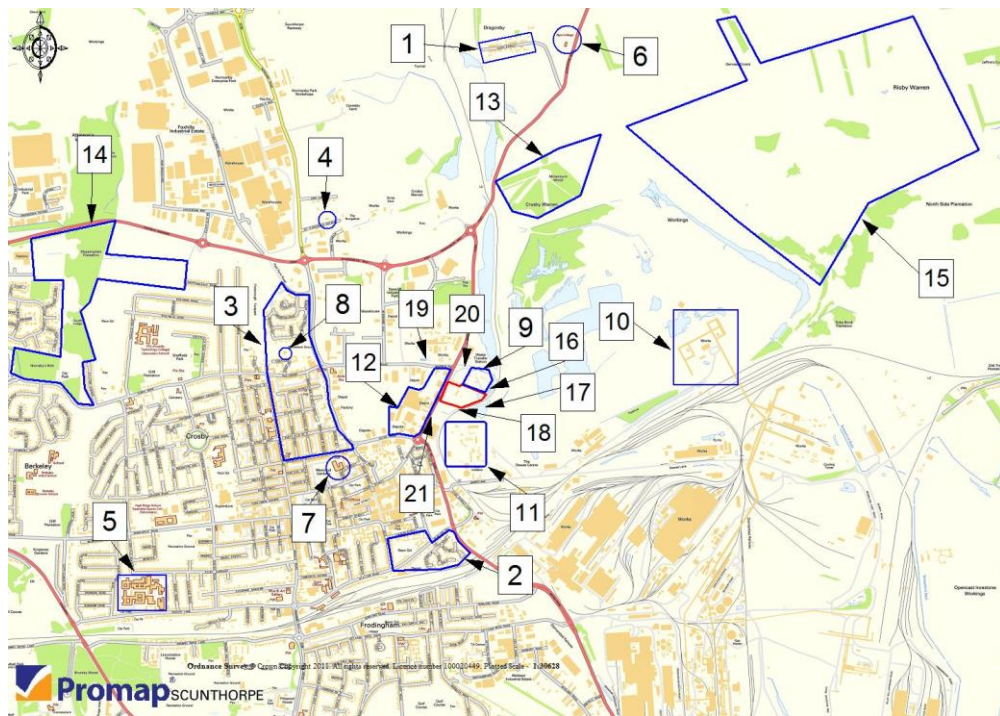
The Table below details the identified sensitive receptors for the **Bottom Site** within a 2 kilometre radius (unless otherwise specified) of the facility. Only the closest receptor in each direction is listed. The EMS Sensitive Receptor Plans show the location of the receptors in line with the plan reference given below.

Nature of Receptor		Direction	Approximate Distance from Emission Points Associated with the Process <sup>3</sup>	Plan Reference
Residential*		NNE	1.9 km	1
		S	720 metres	2
		W	685 metres	3
		NW	1.1 km	4
Hospitals*		SW	1.9 km	5
Educational*		NNE	2 km	6
		SW	640 metres	7
		W	915 km	8
Industrial / Commercial / Offices*		N	Adjacent	9
		E	1.1 km	10
		S	80 metres	11
		W	20 metres	12
Nature Conservation <sup>5</sup>	Sawcliffe LNR	NNE	1 km	13
	Atkinson's Warren LNR	W	1.6 km	14
	Risby Warren SSSI	NE	1.85 km	15
Water Resources – Surface Waters		Surface waters are present within the proposed site boundary. Dykes are present to the East, South and West and a pond is present on the North East corner of the site.		
		N	Adjacent	16
		E	30 metres	17
		S	60 metres	18
		W	190 metres	19
Water Resources – Groundwater <sup>1</sup>		Site is not located within a Groundwater Source Protection Zone. It is anticipated the underlying geology will have a variable permeability.		
Highways and Transportation <sup>2</sup>		N	100 metres	20
		W	Adjacent	21
Air Quality Management Zone <sup>4</sup>		Site lies within the Scunthorpe Air Quality Management Zone for breaches of the daily objective for PM10s		
<p>Notes:</p> <p>*: Closest receptor identified;</p> <p>1:Groundwater Source Protection Zones identified using the 'What's in your backyard' section of the Environment Agency's website. Geology outlined using the Envirocheck Report Geology 1:50,000 Maps Referenced 29261326_1_1, 3-Nov-2009.</p> <p>2: Closest local road network only;</p> <p>3 Distance shown measured using Ordnance Survey data provided by Promap;</p> <p>4 Air Quality Management Zone data assessed using <a href="http://aqma.defra.gov.uk/images/aqma_maps/Scunthorpe.pdf">http://aqma.defra.gov.uk/images/aqma_maps/Scunthorpe.pdf</a> October 2010;</p> <p>5 Nature and Conservation receptors established through the MAGIC and Nature on the Map websites October / November 2010</p>				

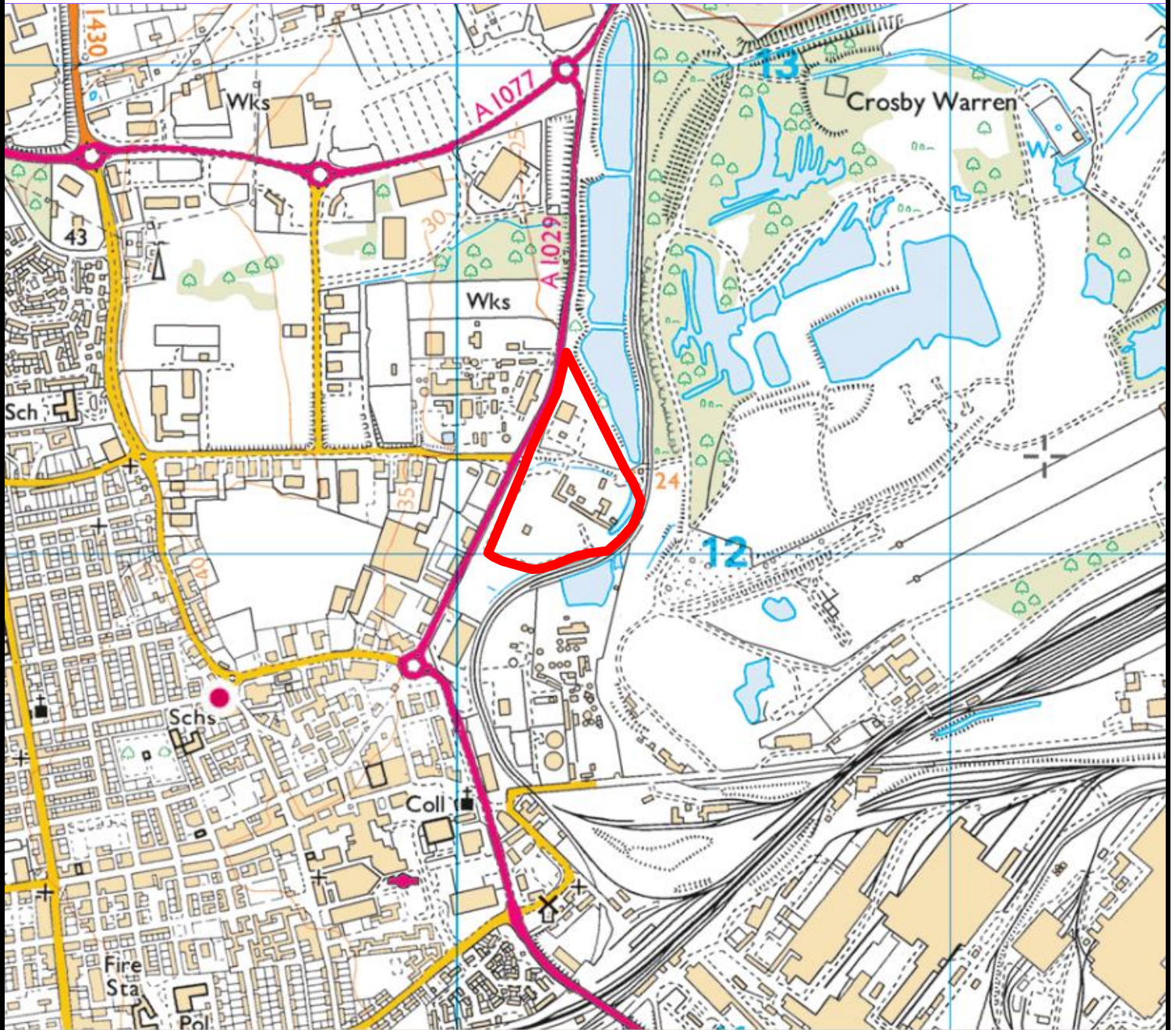
### Top Site



### BOTTOM SITE



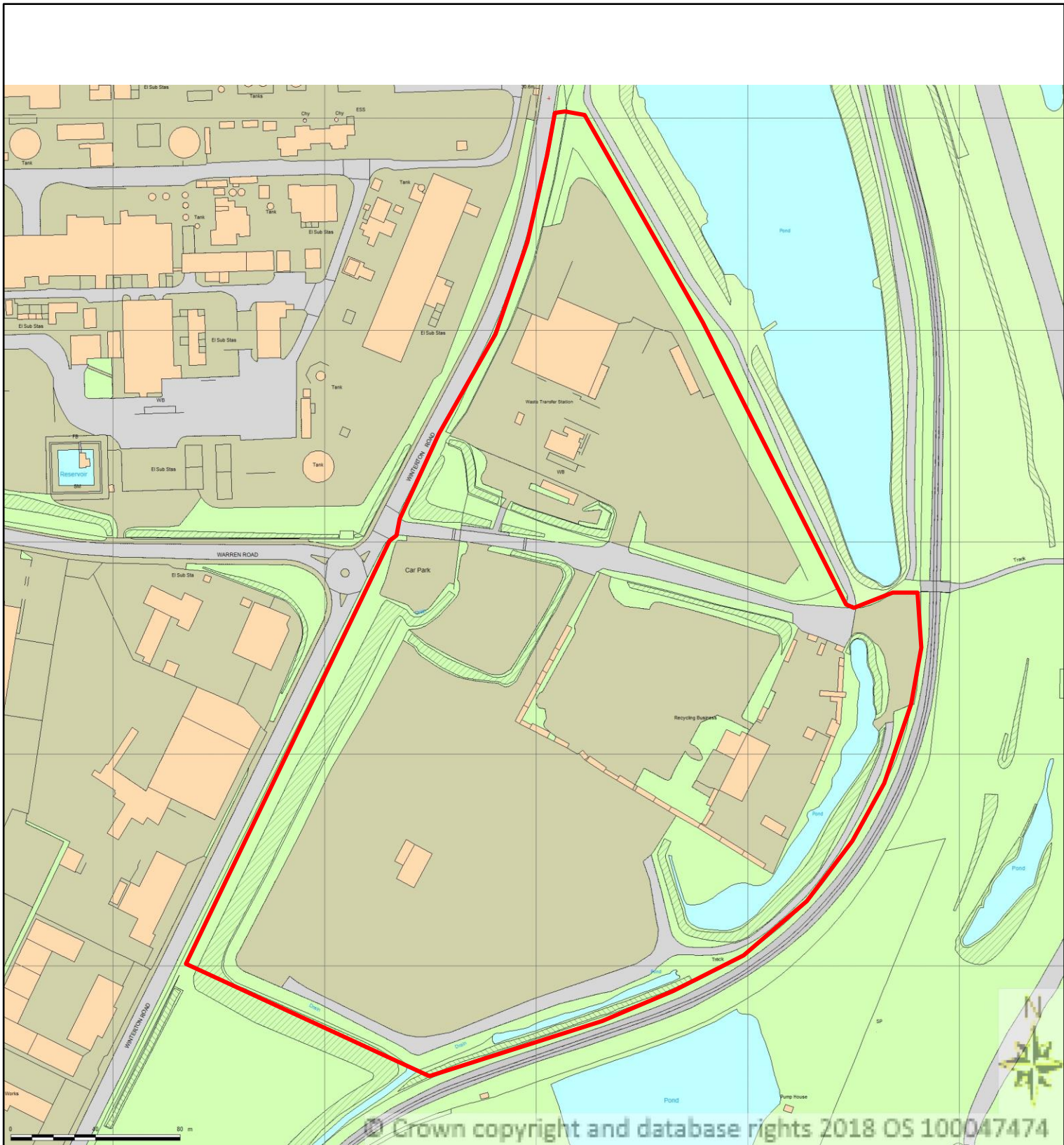
Ellgia Scunthorpe  
Site Location  
Grid Reference SE 90224 12236



**ELLGIA**

Ellgia Ltd, 7 Lancaster Way, Ely,  
Cambridgeshire, CB6 3NW

Title	Site Location	
No	ELL/SCU/FPP/001	
Date	Revision	
Dec 21	A	



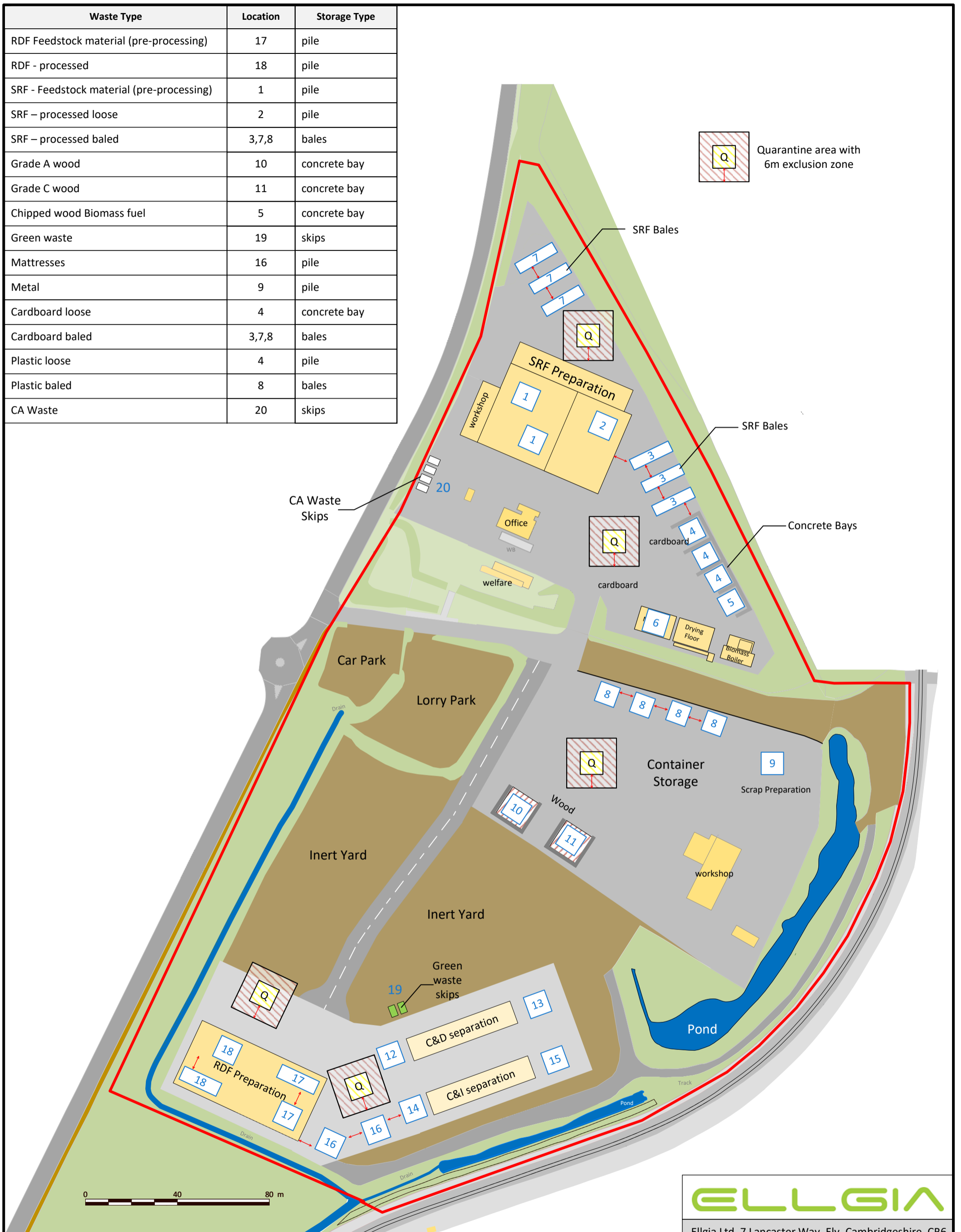
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**ELLGIA**

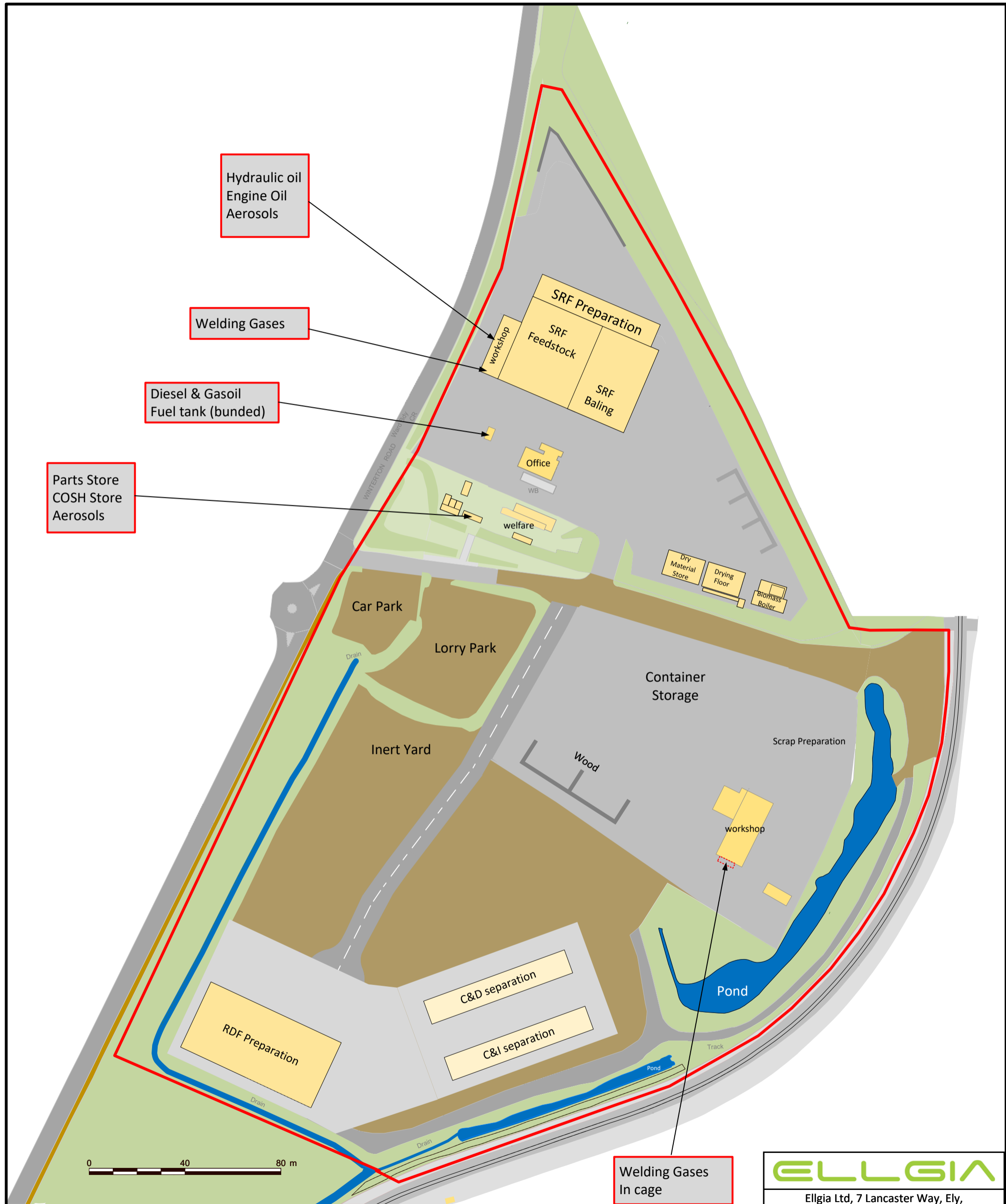
Ellgia Ltd, 7 Lancaster Way, Ely,  
Cambridgeshire, CB6 3NW

<b>Title</b>	Site Location Plan	
<b>Drawing No.</b>	ELL/SCU/FPP/002	
<b>Date</b>	<b>Revision</b>	<b>Scale</b>
13/12/19	B	1:2500 at A4

Waste Type	Location	Storage Type
RDF Feedstock material (pre-processing)	17	pile
RDF - processed	18	pile
SRF - Feedstock material (pre-processing)	1	pile
SRF - processed loose	2	pile
SRF - processed baled	3,7,8	bales
Grade A wood	10	concrete bay
Grade C wood	11	concrete bay
Chipped wood Biomass fuel	5	concrete bay
Green waste	19	skips
Mattresses	16	pile
Metal	9	pile
Cardboard loose	4	concrete bay
Cardboard baled	3,7,8	bales
Plastic loose	4	pile
Plastic baled	8	bales
CA Waste	20	skips



<b>ELLGIA</b>		
Ellgia Ltd, 7 Lancaster Way, Ely, Cambridgeshire, CB6 3NW		
Title	Storage Plan	
Drawing No.	ELL/SCU/FPP/011	
Date	Revision	Scale
28/09/21	A	1:1000 at A3



Hydraulic oil  
Engine Oil  
Aerosols

Welding Gases

Diesel & Gasoil  
Fuel tank (bunded)

Parts Store  
COSH Store  
Aerosols

Welding Gases  
In cage

<b>ELLGIA</b>		
Elgia Ltd, 7 Lancaster Way, Ely, Cambridgeshire, CB6 3NW		
Title	Oils, Fuels & Combustibles	
Drawing No.	ELL/SCU/FPP/011a	
Date	Revision	Scale
Jan 22	A	1:1000 at A3