



**KILMAINHAMWOOD  
FACILITY EXPANSION**

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**VOLUME III  
EIS DRAWINGS FOR WASTE LICENCE APPLICATION  
MAY 2010**



**KILMAINHAMWOOD FACILITY EXPANSION -  
EIS DRAWINGS FOR WASTE LICENCE APPLICATION  
MAY 2010**

DRAWING NUMBER	DESCRIPTION	SCALE
5361-2400	REGIONAL SITE LOCATION MAP	1 : 20,000
5361-2401	SITE LOCATION MAP	1 : 5,000
5361-2402	SITE LAYOUT PLAN	1 : 1,000
5361-2403	PROPOSED EXTENSION PLAN	1 : 500
5361-2404	FACILITY BUILDING PROPOSED ELEVATIONS	1 : 1,000
5361-2405	FACILITY ADMIN. BUILDING PROPOSED ELEVATIONS	1 : 250
5361-2406	ENVIRONMENTAL MONITORING LOCATIONS	1 : 10,000
5361-2407	DWELLINGS WITHIN 1km RADIUS OF ACTIVITY BOUNDARY	1 : 5,000
5361-2408	REGIONAL SURFACE WATER LAYOUT	1 : 20,000
5361-2409	LANDSCAPING PROPOSALS - SHEET 1 OF 2	1 : 2,000
5361-2410	LANDSCAPING PROPOSALS - SHEET 2 OF 2	1 : 2,000
5361-2411	SECTIONS THROUGH ATTENUATION AREA	AS SHOWN
5361-2412	SERVICES PLAN	1:5,000

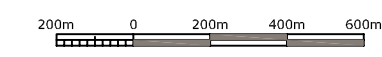
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**GENERAL LEGEND**  
 APPLICATION BOUNDARY    ACTIVITY BOUNDARY

SITE NOTICE LOCATION  
 X

- NOTES**
1. FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING
  2. ALL DRAWINGS TO BE CHECKED BY THE CONTRACTOR ON SITE
  3. ENGINEER TO BE INFORMED BY THE CONTRACTOR OF ANY DISCREPANCIES BEFORE ANY WORK COMMENCES
  4. ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD



Rev	Date	Description	By	Ckd
B	25.05.10	ISSUED FOR WLA		PON
A	30.06.09	ISSUED FOR EIS	MN	P.ON

Client: **Thorntons recycling**

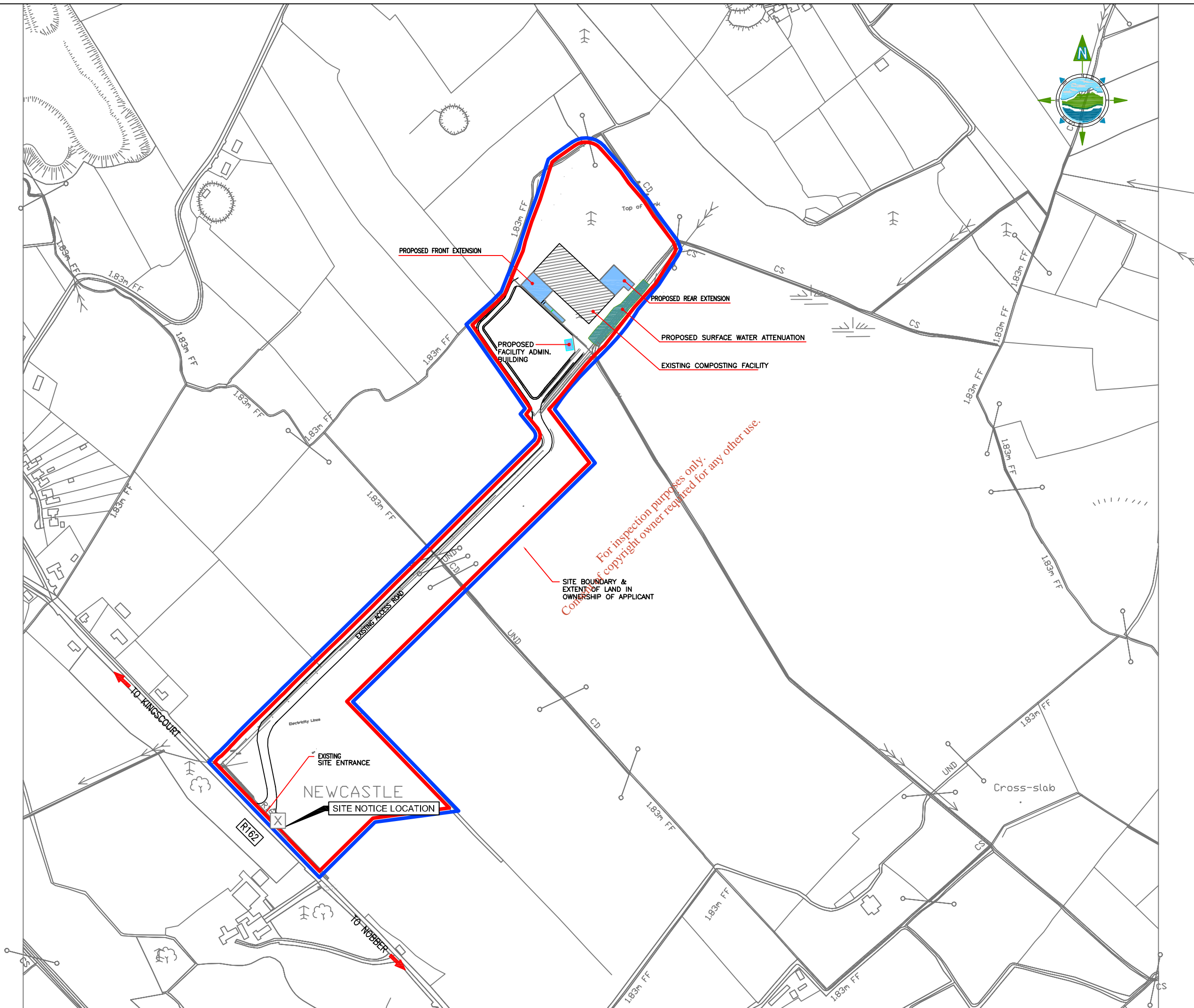
Project: **KILMAINHAMWOOD FACILITY EXPANSION**

Title: **REGIONAL SITE LOCATION MAP**

Scale @ A3: 1:20,000  
 Prepared by: M. Nolan    Checked: P. O'Neill    Date: June 2009  
 Project Director: D. Grehan

**TOBIN**  
 Patrick J. Tobin & Co. Ltd.  
 TOBIN Consulting Engineers,  
 Block 10-4, Blanchardstown Corporate Park,  
 Dublin 15, Ireland.  
 tel: +353-(0)1-8030406  
 fax: +353-(0)1-8030409  
 e-mail: dublin@tobin.ie  
 www.tobin.ie

Drawing No.: **5361-2400**    Revision: **B**



**GENERAL LEGEND**  
 APPLICATION BOUNDARY    ACTIVITY BOUNDARY  
 SITE NOTICE LOCATION



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Rev	Date	Description	By	Crk'd
B	25.05.10	ISSUED FOR W/LA	M/N	PON
A	30-05-09	ISSUED FOR E/S	M/N	PON

Client: **Thorntons recycling**

Project: **KILMAINHAMWOOD FACILITY EXPANSION**

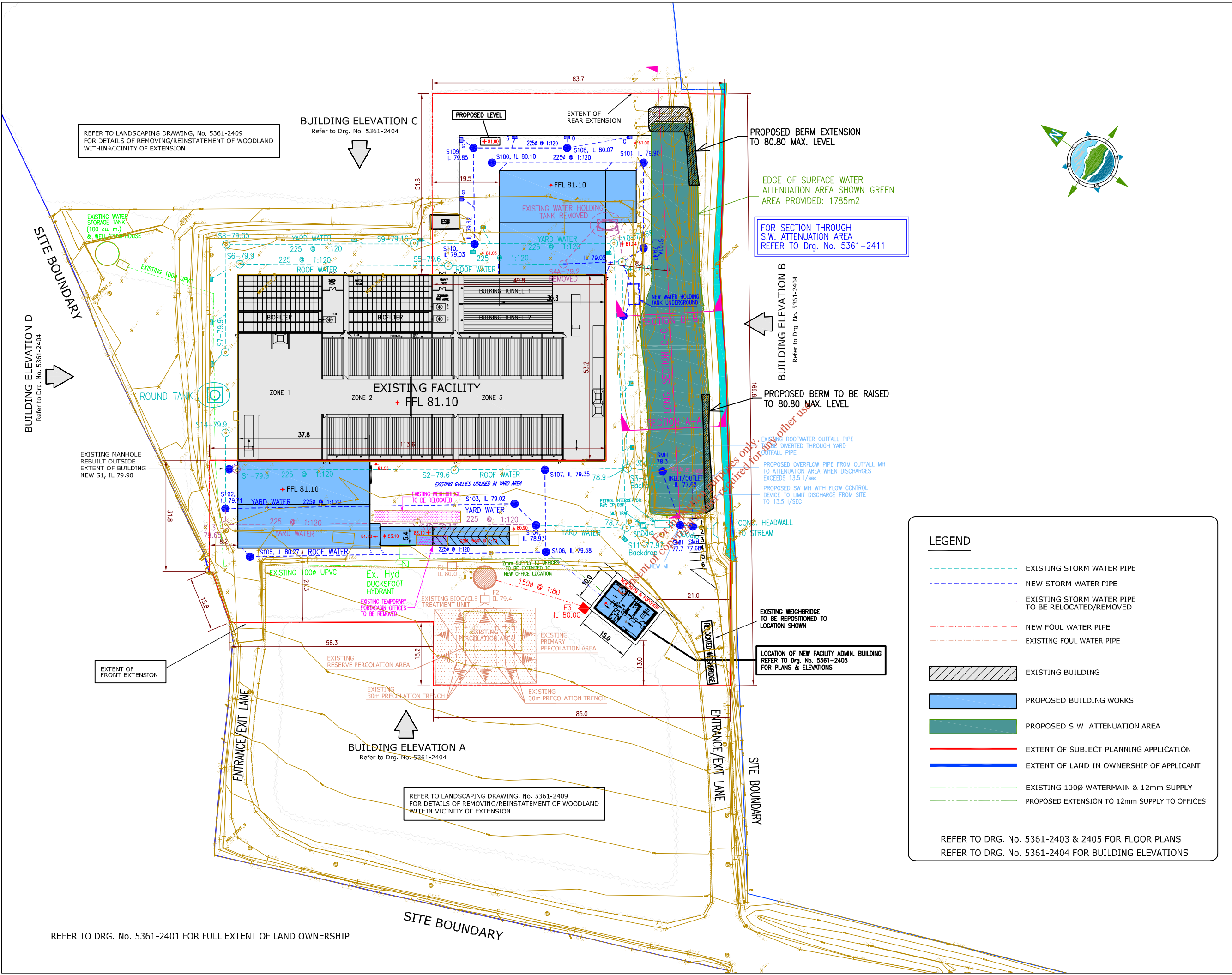
Title: **SITE LOCATION MAP**

Scale @ A3: 1:5000  
 Prepared by: N.Vennard    Checked: P.O'Neill    Date: 24.03.09  
 Project Director: D.Grehan

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 Patrick J. Tobin & Co. Ltd.  
 TOBIN Consulting Engineers,  
 Block 104, Blanchardstown Corporate Park,  
 Dublin 15, Ireland.  
 tel: +353-(0)1-8030406  
 fax: +353-(0)1-8030409  
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Drawing No.: **5361-2401**    Revision: **B**

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REFER TO LANDSCAPING DRAWING, No. 5361-2409 FOR DETAILS OF REMOVING/REINSTATEMENT OF WOODLAND WITHIN VICINITY OF EXTENSION

**BUILDING ELEVATION C**  
Refer to Drg. No. 5361-2404

**PROPOSED BERM EXTENSION TO 80.80 MAX. LEVEL**

EDGE OF SURFACE WATER ATTENUATION AREA SHOWN GREEN AREA PROVIDED: 1785m<sup>2</sup>

FOR SECTION THROUGH S.W. ATTENUATION AREA REFER TO Drg. No. 5361-2411

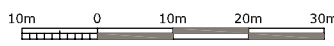
**BUILDING ELEVATION B**  
Refer to Drg. No. 5361-2404

**PROPOSED BERM TO BE RAISED TO 80.80 MAX. LEVEL**

**BUILDING ELEVATION D**  
Refer to Drg. No. 5361-2404



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Rev	Date	Description	By	Chk'd
B	25.05.10	ISSUED FOR WLA	MN	PNR
A	30-06-09	ISSUED FOR EIS	MN	PNR

**LEGEND**

- EXISTING STORM WATER PIPE
- NEW STORM WATER PIPE
- EXISTING STORM WATER PIPE TO BE RELOCATED/REMOVED
- NEW FOUL WATER PIPE
- EXISTING FOUL WATER PIPE
- EXISTING BUILDING
- PROPOSED BUILDING WORKS
- PROPOSED S.W. ATTENUATION AREA
- EXTENT OF SUBJECT PLANNING APPLICATION
- EXTENT OF LAND IN OWNERSHIP OF APPLICANT
- EXISTING 100Ø WATERMAIN & 12mm SUPPLY
- PROPOSED EXTENSION TO 12mm SUPPLY TO OFFICES

REFER TO DRG. No. 5361-2403 & 2405 FOR FLOOR PLANS  
REFER TO DRG. No. 5361-2404 FOR BUILDING ELEVATIONS

Client: **Thorntons recycling**

Project: **KILMAINHAMWOOD FACILITY EXPANSION**

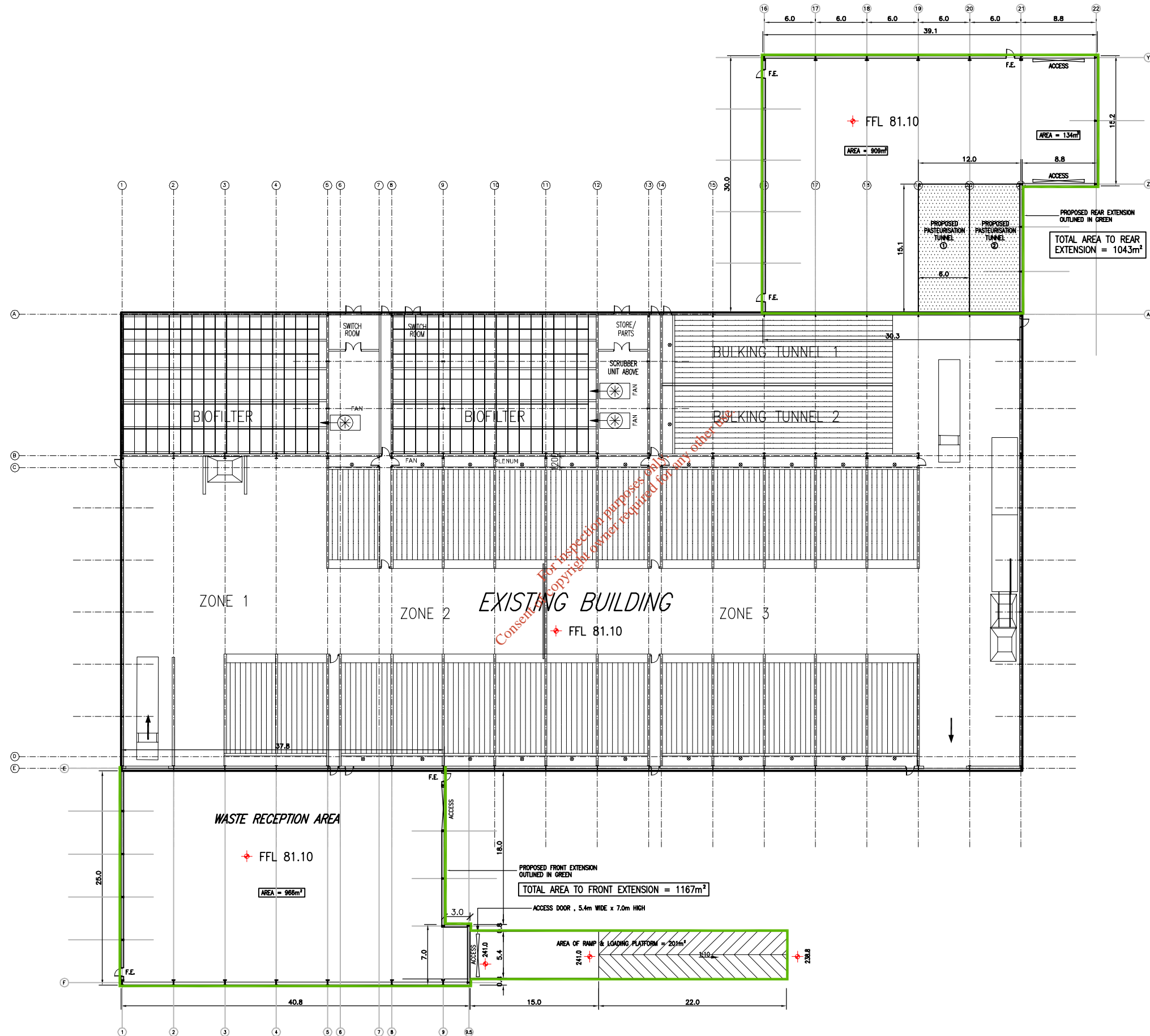
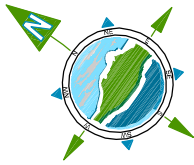
Title: **SITE LAYOUT PLAN**

Scale @ A3: **1:1,000**  
Prepared by: N.Vennard  
Checked: P.O'Neill  
Date: February 09  
Project Director: D.Grehan

**TOBIN**  
Patricia J. Tobin & Co. Ltd.  
TOBIN Consulting Engineers,  
Block 10-4, Blanchardstown Corporate Park,  
Dublin 15, Ireland.  
tel: +353(0)1-8030406  
fax: +353(0)1-8030409  
e-mail: dublin@tobin.ie  
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Drawing No.: **5361-2402 B**

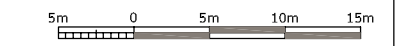
REFER TO DRG. No. 5361-2401 FOR FULL EXTENT OF LAND OWNERSHIP



**GENERAL LEGEND**

OUTLINE OF PROPOSED EXTENSION

- NOTES:**
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Rev	Date	Description	By	Chkd
B	25.05.10	ISSUED FOR WLA	MN	PON
A	30-06-09	ISSUED FOR EIS	MN	PON

Client: **Thorntons recycling**

Project: **KILMAINHAMWOOD FACILITY EXPANSION**

Title: **PROPOSED EXTENSION PLAN**

Scale @ A3: **1:500**

Prepared by: **N.Vennard** Checked: **P.O'Neill** Date: **24.03.09**

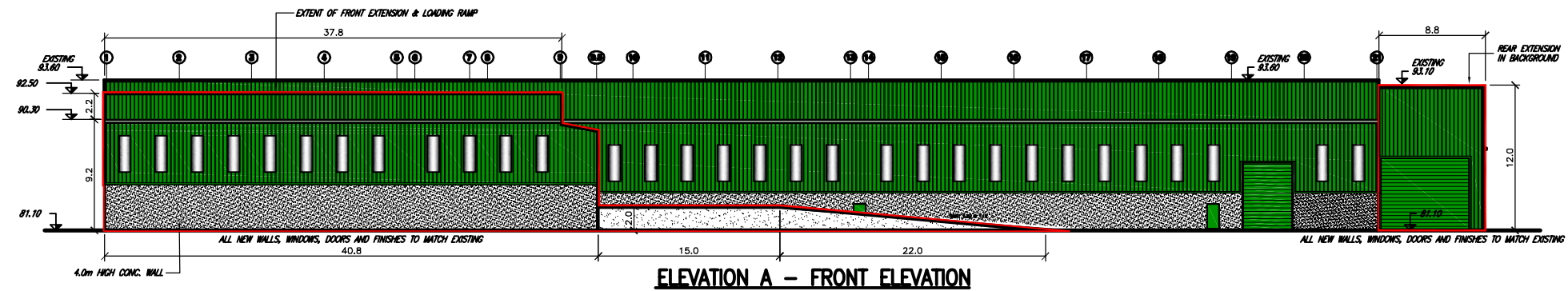
Project Director: **D.Grehan**

Drawing Status:

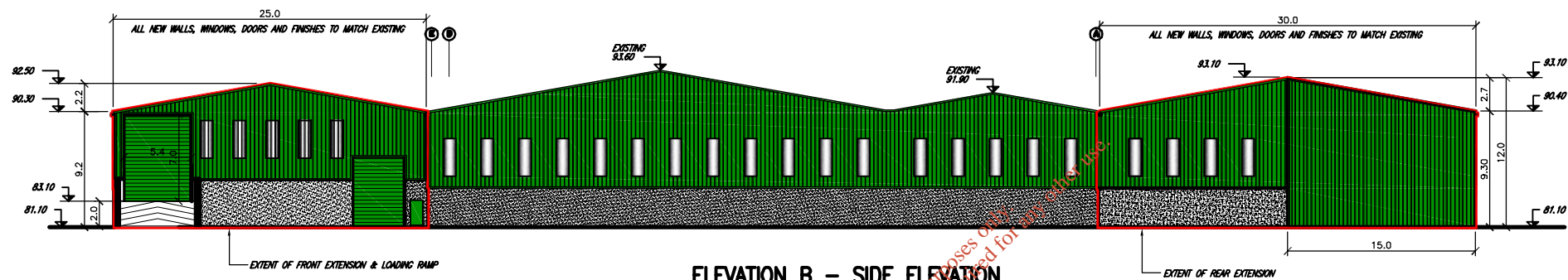
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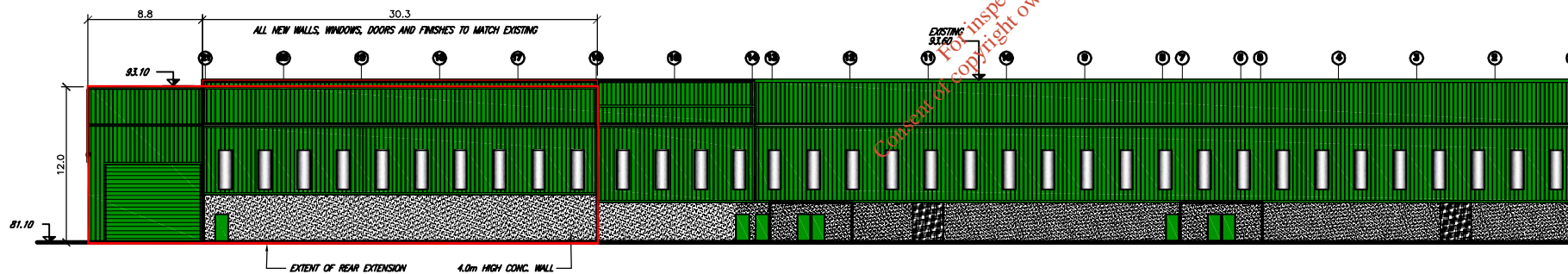
Drawing No: **5361-2403** **B**



**ELEVATION A - FRONT ELEVATION**

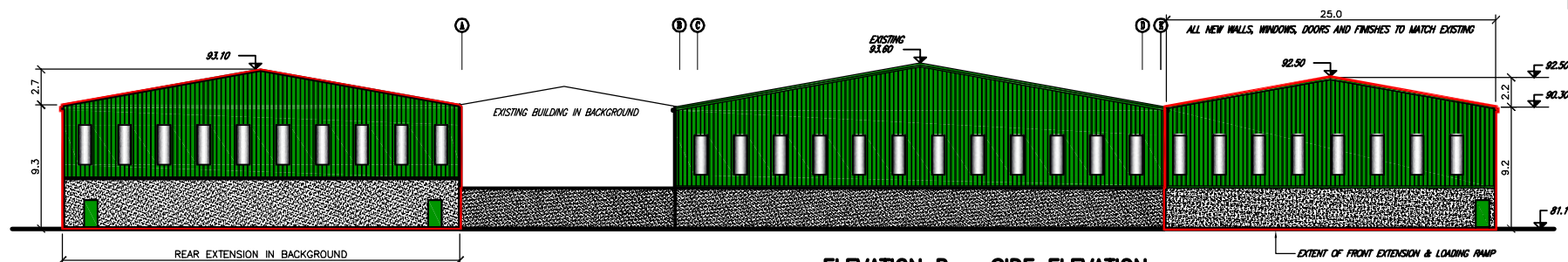


**ELEVATION B - SIDE ELEVATION**



**ELEVATION C - REAR ELEVATION**

REFER TO DRAWING No. 5361-2402 FOR SITE PLAN & DRAWING No. 5361-2403 FOR FLOOR PLANS



**ELEVATION D - SIDE ELEVATION**

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Rev	Date	Description	By	Chkd.
B	25.05.10	ISSUED FOR WLA	MN	PCN
A	30-05-09	ISSUED FOR EIS	MN	PCN

Client: **Thorntons recycling**

Project: **KILMAINHAMWOOD FACILITY EXPANSION**

Title: **FACILITY BUILDING PROPOSED ELEVATIONS**

Scale @ A3: 1:1,000

Prepared by: N.Vennard  
Checked: P.O'Neill  
Date: February 09

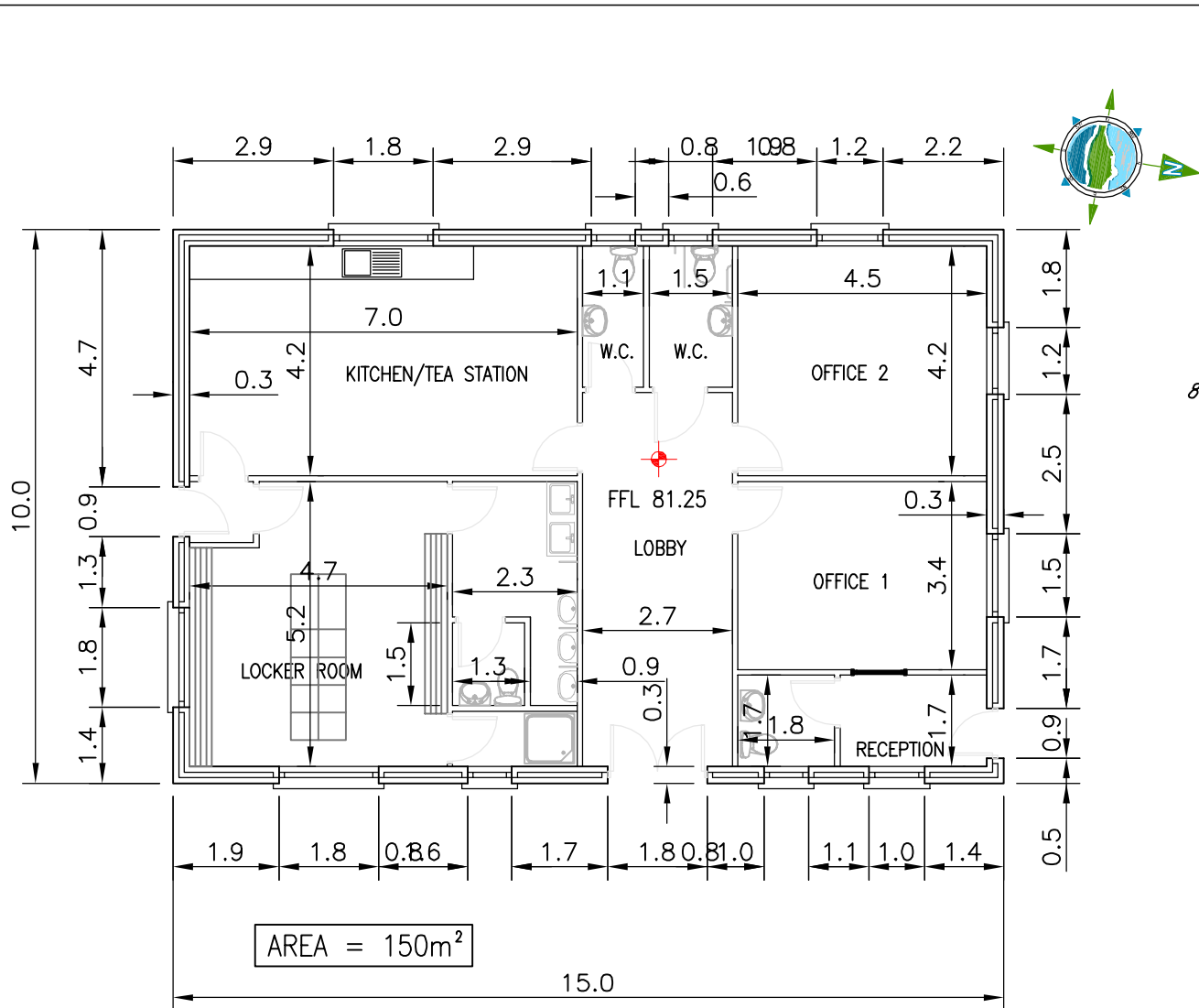
Project Director: D.Grehan

Drawing Status:

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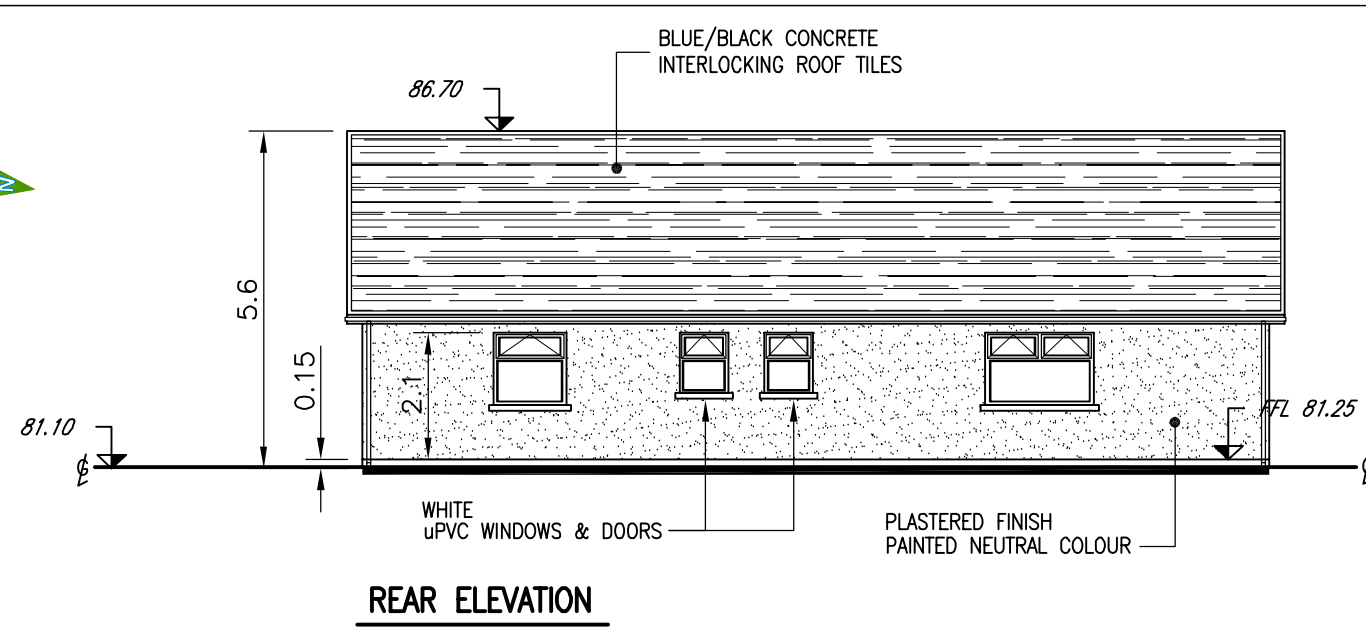
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tel: +353-(0)1-8030406  
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Drawing No: **5361-2404** Revision: **B**

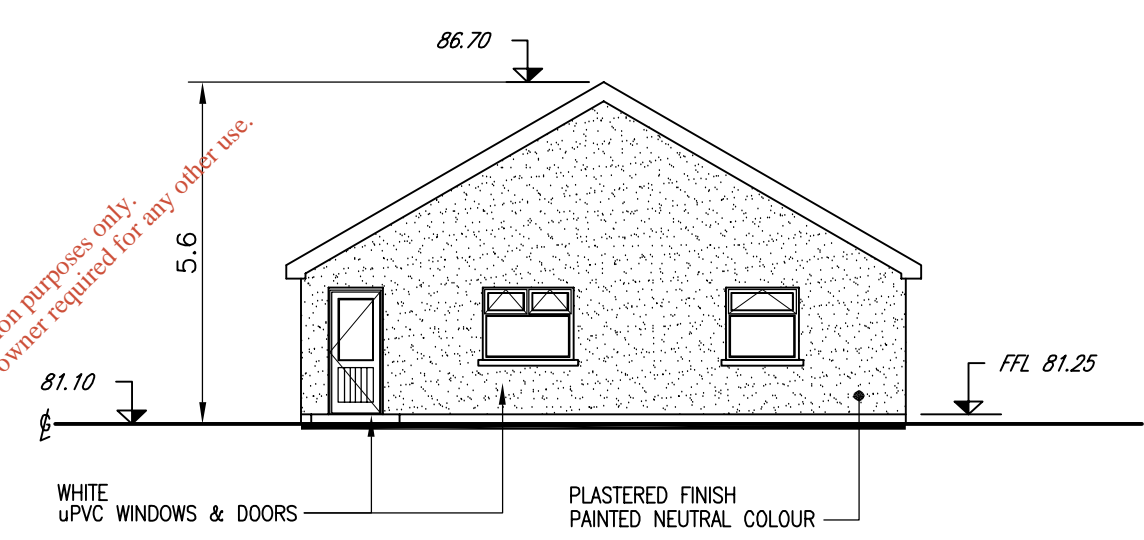


**GROUND FLOOR PLAN**

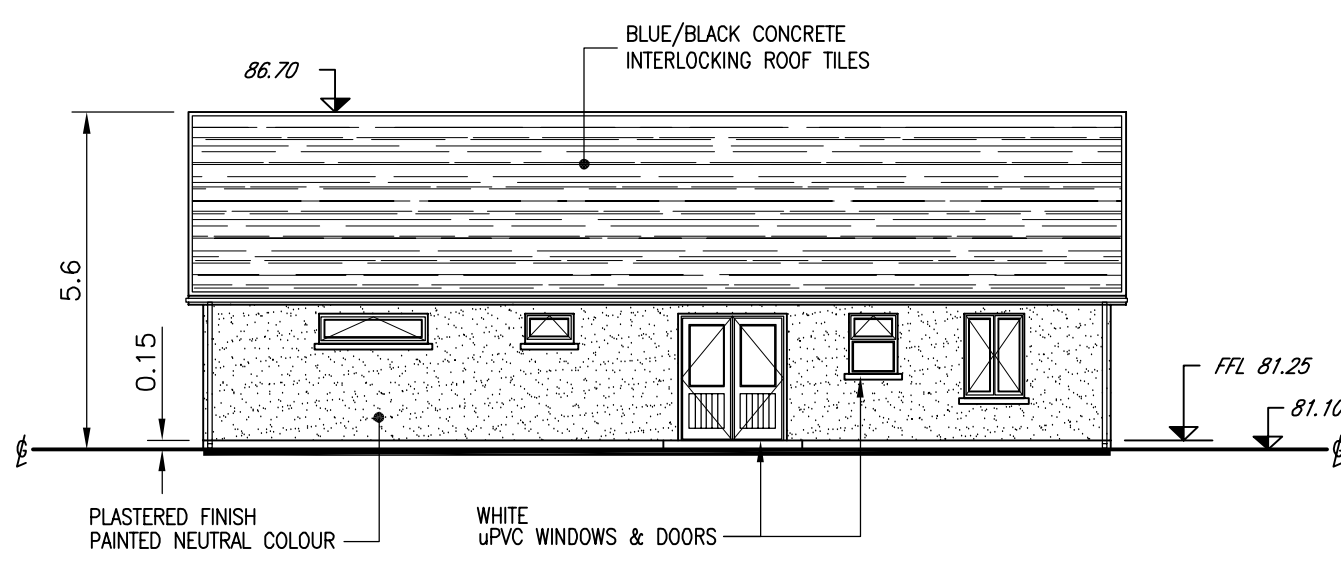
AREA = 150m<sup>2</sup>



**REAR ELEVATION**

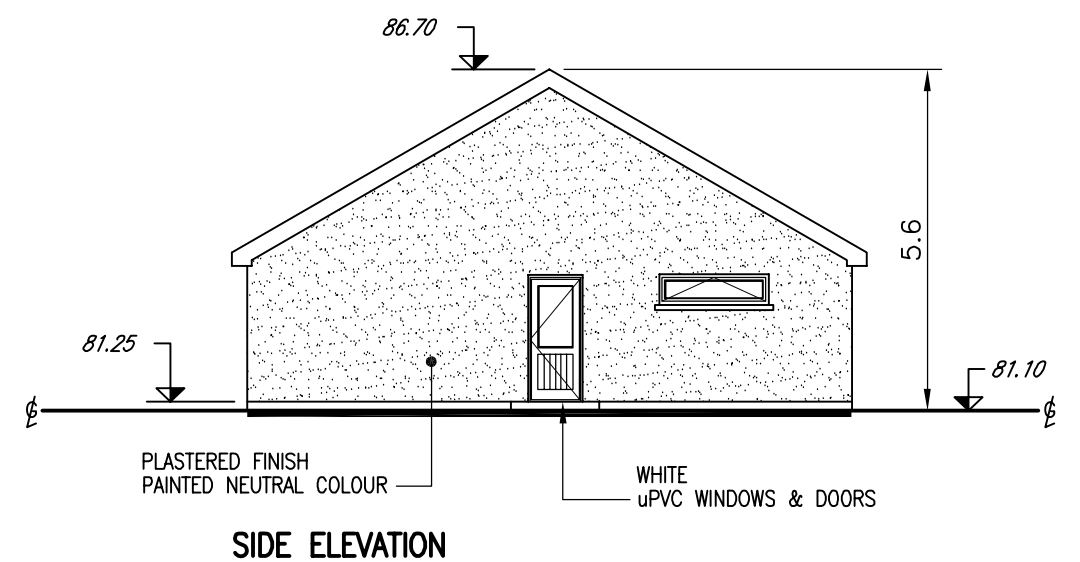


**SIDE ELEVATION**



**FRONT ELEVATION**

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**SIDE ELEVATION**

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Rev	Date	Description	By	Chkd.
B	25.05.10	ISSUED FOR W/LA	MN	PCN
A	30-05-09	ISSUED FOR E/S	MN	PCN

Client: **Thorntons recycling**

Project: **KILMAINHAMWOOD FACILITY EXPANSION**

Title: **FACILITY ADMIN. BUILDING PROPOSED ELEVATIONS**

Scale @ A3: 1:250

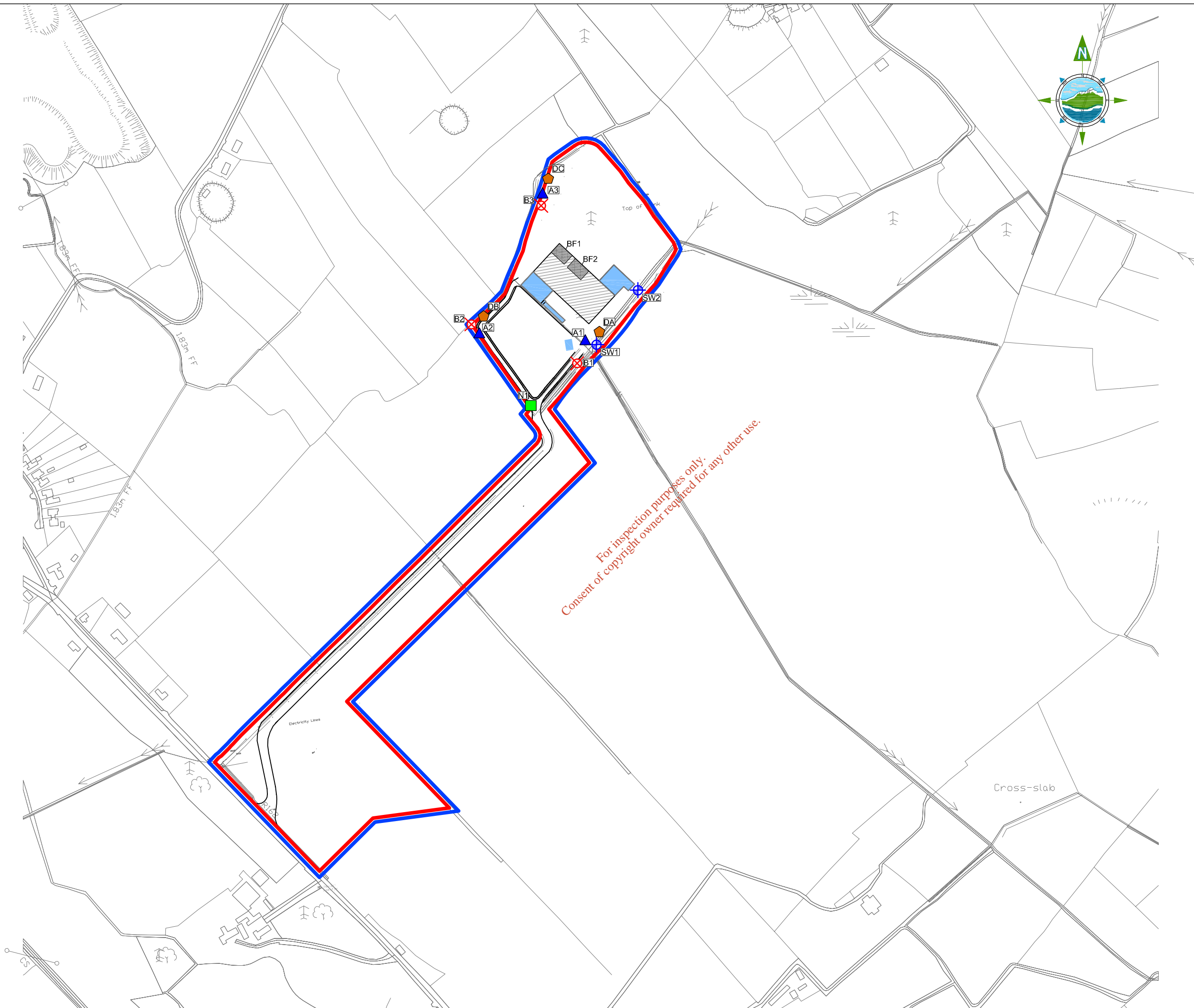
Prepared by:	Checked:	Date:
N.Vennard	P.O'Neill	24.03.09
Project Director:	D.Grehan	

Drawing Status:

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Patrick J. Tobin & Co. Ltd.  
TOBIN Consulting Engineers,  
Block 104, Blanchardstown Corporate Park,  
Dublin 15, Ireland.  
tel: +353-(0)1-8030406  
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e-mail: dublin@tobin.ie  
www.tobin.ie

Drawing No.: **5361-2405** Revision: **B**





**GENERAL LEGEND**

OWNERSHIP BOUNDARY	APPLICATION BOUNDARY
DUST MONITORING POINT	D2
AIR MONITORING POINT	A2
NOISE MONITORING POINT	N
BOREHOLE	B2
SURFACE WATER MONITORING POINT	SW2
BIOFILTER	BF

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Rev	Date	Description	By	Crk'd
B	25.05.10	ISSUED FOR WLA	MN	PON
A	30-05-09	ISSUED FOR EIS	MN	PON

Client: **Thorntons recycling**

Project: **KILMAINHAMWOOD FACILITY EXPANSION**

Title: **ENVIRONMENTAL MONITORING LOCATIONS**

Scale @ A3: 1:10,000

Prepared by:	Checked:	Date:
N.Vennard	P.O'Neill	24.03.09
Project Director:	D.Grehan	

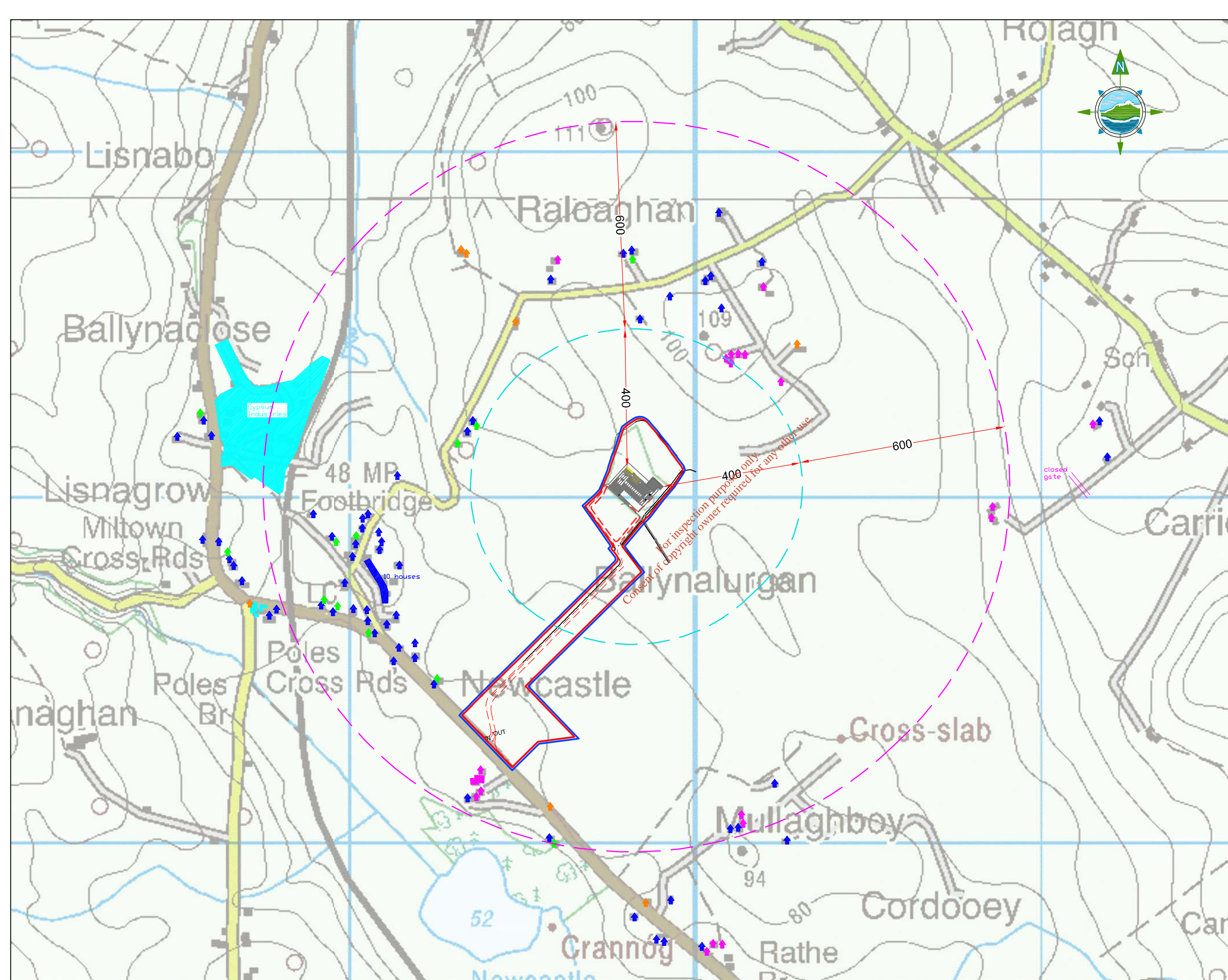
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Revision: **B**

Drawing No.: **5361-2406**



**GENERAL LEGEND**

APPLICATION BOUNDARY	ACTIVITY BOUNDARY
400m BUFFER	1km BUFFER
RESIDENTIAL DWELLING	SHED / STABLES
DERELICT BUILDINGS	FARM BUILDINGS
BUSINESS PREMISES	SITE NOTICE LOCATION

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100m 0 100m 200m 300m

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A	30.06.09	ISSUED FOR E/S	M/N	P, O/N

Client: **Thorntons recycling**

Project: **KILMAINHAMWOOD FACILITY EXPANSION**

Title: **DWELLINGS WITHIN 1km RADIUS OF ACTIVITY BOUNDARY**

Scale @ A3: 1:5,000

Prepared by: M. Nolan    Checked: P. O'Neill    Date: February '09

Project Director: D. Grehan

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Patrick J. Tobin & Co. Ltd.  
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Drawing No.: **5361-2407**    Revision: **B**



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B	25.05.10	ISSUED FOR W/LA	MN	PON
A	30-05-09	ISSUED FOR E/S	MN	PON

Client: **Thorntons recycling**

Project: **KILMAINHAMWOOD FACILITY EXPANSION**

Title: **REGIONAL SURFACE WATER LAYOUT**

Scale @ A3: 1:20,000

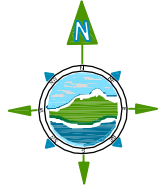
Prepared by:	Checked:	Date:
N.Vennard	P.O'Neill	24.03.09
Project Director:	D.Grehan	

Drawing Status:

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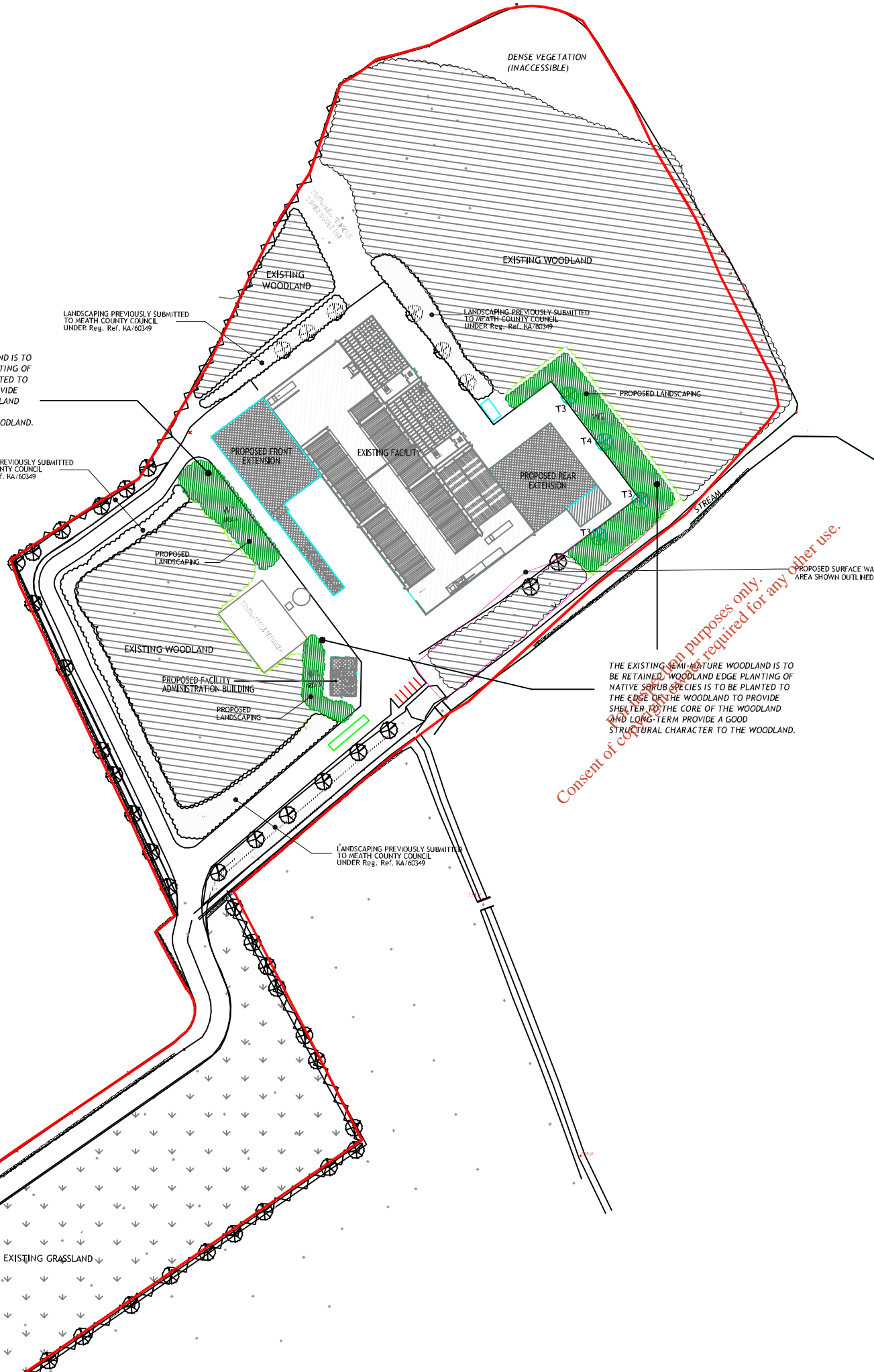
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e-mail: dublin@tobin.ie  
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Drawing No.: **5361-2408** Revision: **B**



THE EXISTING SEMI-MATURE WOODLAND IS TO BE RETAINED. WOODLAND EDGE PLANTING OF NATIVE SHRUB SPECIES IS TO BE PLANTED TO THE EDGE OF THE WOODLAND TO PROVIDE SHELTER TO THE CORE OF THE WOODLAND AND LONG-TERM PROVIDE A GOOD STRUCTURAL CHARACTER TO THE WOODLAND.



LANDSCAPING PREVIOUSLY SUBMITTED TO MEATH COUNTY COUNCIL UNDER Reg. Ref. KA/60349



THE EXISTING SEMI-MATURE WOODLAND IS TO BE RETAINED. WOODLAND EDGE PLANTING OF NATIVE SHRUB SPECIES IS TO BE PLANTED TO THE EDGE OF THE WOODLAND TO PROVIDE SHELTER TO THE CORE OF THE WOODLAND AND LONG-TERM PROVIDE A GOOD STRUCTURAL CHARACTER TO THE WOODLAND.

Consent of Meath County Council required for any other use.

**KEY TO LANDSCAPE TREATMENT**

-  PROPOSED TREE PLANTING (see schedule below)
-  PROPOSED WOODLAND EDGE PLANTING (see schedule below)

- NOTES:**
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**KEY TO TREE PLANTING**

TREE No.	BOTANICAL NAME	SIZE	QUANTITY
T3	FRAXINUS EXCELSIOR	10-12cm girth b/r	3
T4	QUERCUS ROBUR	12-14cm girth b/r	1

**KEY TO WOODLAND EDGE PLANTING**

WOODLAND No.	BOTANICAL NAME	SIZE	PLANTING DENSITY metre centres	QUANTITY
W1 AREA A	CORYLUS AVELLANA	60-90cm b/r	1	93
	ROSA CANINA	60-90cm b/r	1	93
	ILEX AQUIFOLIUM	2L c/g	1	93
	SYMPHORICARPOS ALBUS	40-60cm b/r	1	62
	CRATAEGUS MONOGYNA	60-90cm b/r	1	155
W1 AREA B	PRUNUS SPINOSA	60-90cm b/r	1	124
	CORYLUS AVELLANA	60-90cm b/r	1	45
	ROSA CANINA	60-90cm b/r	1	45
	ILEX AQUIFOLIUM	2L c/g	1	45
	SYMPHORICARPOS ALBUS	40-60cm b/r	1	30
W2	CRATAEGUS MONOGYNA	60-90cm b/r	1	75
	PRUNUS SPINOSA	60-90cm b/r	1	60
	CORYLUS AVELLANA	60-90cm b/r	1	210
	ROSA CANINA	60-90cm b/r	1	210
	ILEX AQUIFOLIUM	2L c/g	1	210
	SYMPHORICARPOS ALBUS	40-60cm b/r	1	140
	CRATAEGUS MONOGYNA	60-90cm b/r	1	118
	PRUNUS SPINOSA	60-90cm b/r	1	295

**NOTE:**  
LANDSCAPING WORKS SHOWN RELATE TO THE ADJUSTMENT OF SITE PLANTING DUE TO THE EXTENSION PROPOSAL

ALL NON DETAILED PLANTING IS AS PER LANDSCAPING PROPOSAL PREVIOUSLY SUBMITTED TO MEATH COUNTY COUNCIL

REFER TO DRAWINGS 5361-2402, 2403, 2404 & 2405 FOR SITE PLAN, FLOOR PLANS & ELEVATIONS

Rev	Date	Description	By	Chk'd
B	25.05.10	ISSUED FOR WLA	MN	PON
A	30.05.09	ISSUED FOR EBS	MN	PON

Client: 

Project: **KILMAINHAMWOOD FACILITY EXPANSION**

Title: **LANDSCAPING PROPOSALS - SHEET 1 OF 2 -**

Scale @ A3: 1:2,000

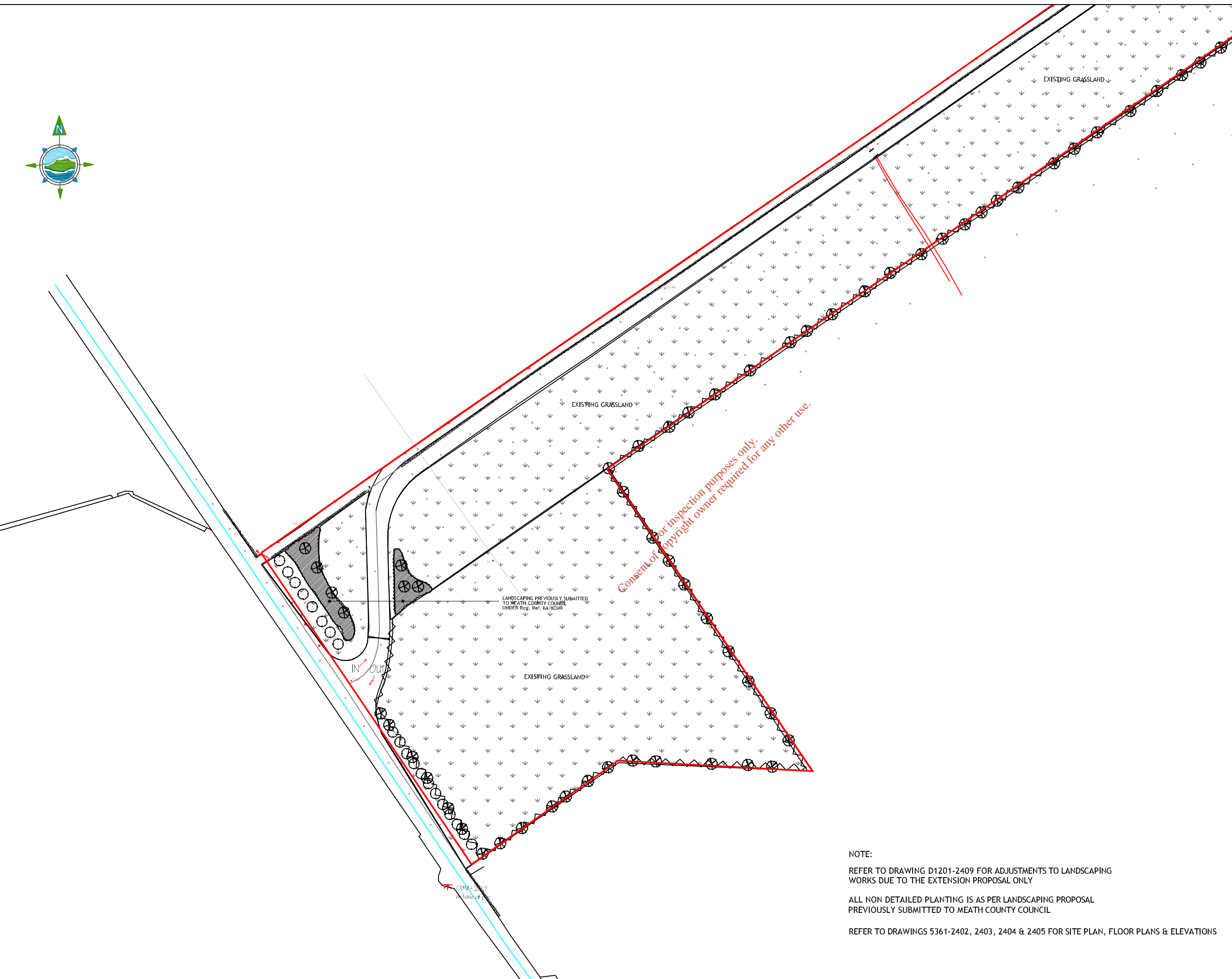
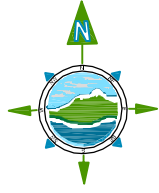
Prepared by:	Checked:	Date:
N.Vennard	P.O'Neill	24.03.09

Project Director: D.Grehan

Drawing Status:

 **TOBIN**  
Patrick J. Tobin & Co. Ltd.  
TOBIN Consulting Engineers,  
Block 10-4, Blanchardstown Corporate Park,  
Dublin 15, Ireland.  
tel: +353-(0)1-8030406  
fax: +353-(0)1-8030409  
e-mail: dublin@tobin.ie  
www.tobin.ie


Drawing No.:	5361-2409	Revision:	B
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**NOTES:**

1. FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING.
2. ALL DRAWINGS TO BE CHECKED BY THE CONTRACTOR ON SITE
3. ENGINEER/EMPLOYERS REPRESENTATIVE, AS APPROPRIATE, TO BE INFORMED BY THE CONTRACTOR OF ANY DISCREPANCIES BEFORE ANY WORK COMMENCES
4. THE CONTRACTOR SHALL UNDERTAKE A THOROUGH CHECK FOR THE ACTUAL LOCATION OF ALL SERVICES/UTILITIES, ABOVE AND BELOW GROUND, BEFORE ANY WORK COMMENCES
5. ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD

Rev	Date	Description	By	Chkd
B	25.05.10	ISSUED FOR WLA	MN	PON
A	30-05-09	ISSUED FOR EIS	MN	PON

Client: 

Project: **KILMAINHAMWOOD FACILITY EXPANSION**

Title: **LANDSCAPING PROPOSALS - SHEET 2 OF 2 -**

Scale @ A3:	1:2,000	
Prepared by:	Checked:	Date:
N.Vennard	P.O'Neill	24.03.09
Project Director:	D.Grehan	
Drawing Status:		

 **TOBIN**  
Patrick J. Tobin & Co. Ltd.

TOBIN Consulting Engineers,  
Block 10-4, Blanchardstown Corporate Park,  
Dublin 15, Ireland.  
tel: +353-(0)1-8030406  
fax: +353-(0)1-8030409  
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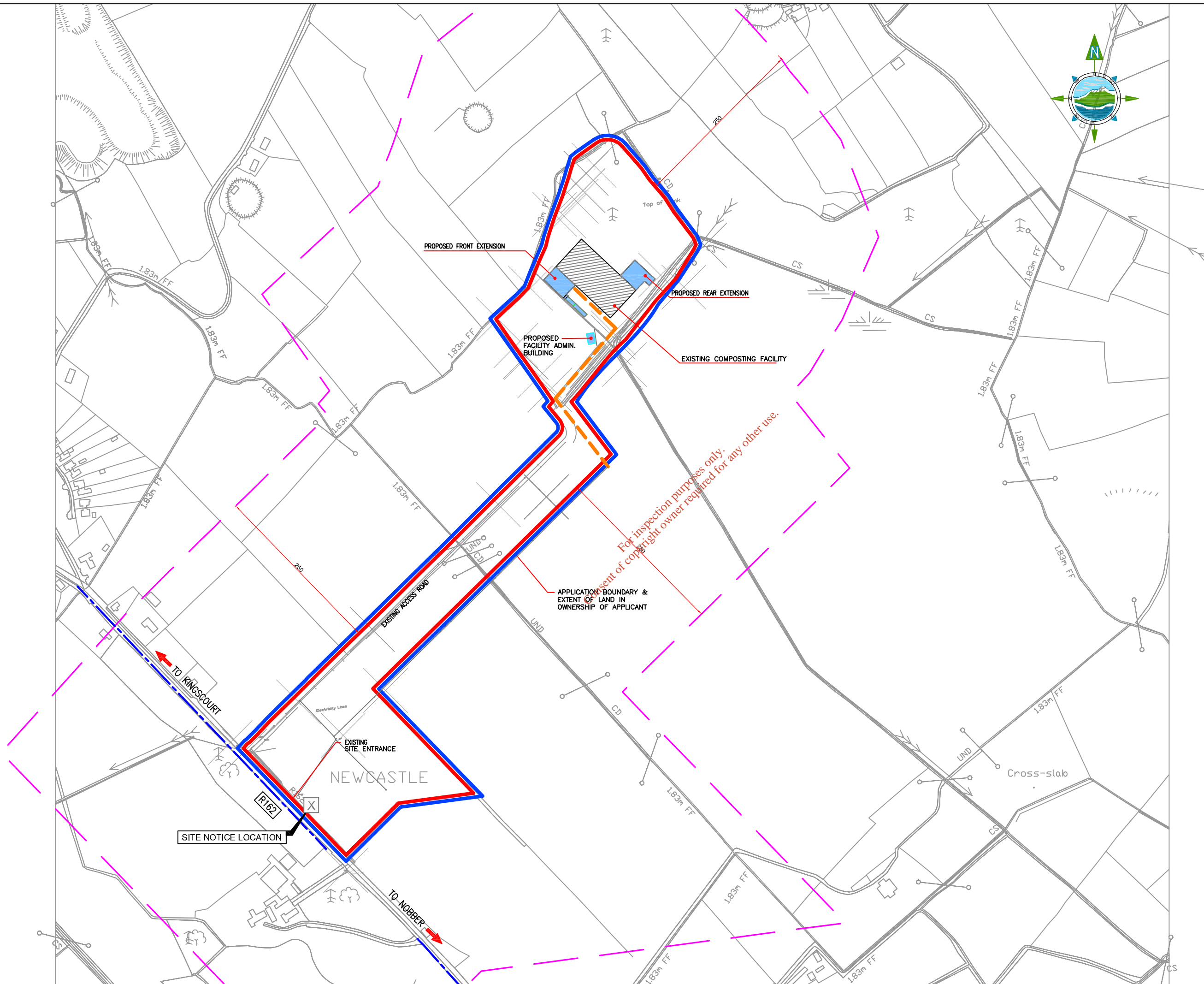
**NOTE:**  
REFER TO DRAWING D1201-2409 FOR ADJUSTMENTS TO LANDSCAPING WORKS DUE TO THE EXTENSION PROPOSAL ONLY

ALL NON DETAILED PLANTING IS AS PER LANDSCAPING PROPOSAL PREVIOUSLY SUBMITTED TO MEATH COUNTY COUNCIL

REFER TO DRAWINGS 5361-2402, 2403, 2404 & 2405 FOR SITE PLAN, FLOOR PLANS & ELEVATIONS

Drawing No.:	<b>5361-2410</b>	Revision:	<b>B</b>
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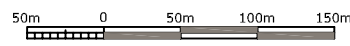


**GENERAL LEGEND**

LAND OWNERSHIP BOUNDARY: Blue dashed line  
 APPLICATION BOUNDARY: Red solid line  
 EXISTING UNDERGROUND POWER LINE: Orange dashed line  
 EXISTING WATERMAIN: Blue dashed line

SITE NOTICE LOCATION: X

- NOTES:**
- FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING.
  - ALL DRAWINGS TO BE CHECKED BY THE CONTRACTOR ON SITE
  - ENGINEER/EMPLOYERS REPRESENTATIVE, AS APPROPRIATE, TO BE INFORMED BY THE CONTRACTOR OF ANY DISCREPANCIES BEFORE ANY WORK COMMENCES
  - THE CONTRACTOR SHALL UNDERTAKE A THOROUGH CHECK FOR THE ACTUAL LOCATION OF ALL SERVICES/UTILITIES, ABOVE AND BELOW GROUND, BEFORE ANY WORK COMMENCES
  - ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD



Rev	Date	Description	By	Crk'd
B	25.05.10	ISSUED FOR W/LA	M/N	PON
A	30.06.09	DRAFT ISSUE	M/N	PON

Client: **Thorntons recycling**

Project: **KILMAINHAMWOOD FACILITY EXPANSION**

Title: **SERVICES PLAN**

Scale @ A3: 1:5000

Prepared by: N.Vennard	Checked: P.O'Neill	Date: February 09
Project Director: D.Grehan		

Drawing Status:

**TOBIN**  
 Patrick J. Tobin & Co. Ltd.

TOBIN Consulting Engineers,  
 Block 104, Blanchardstown Corporate Park,  
 Dublin 15, Ireland.  
 tel: +353-(0)1-8030406  
 fax: +353-(0)1-8030409  
 e-mail: dublin@tobin.ie  
 www.tobin.ie

Drawing No.: **5361-2412**      Revision: **B**