

BORD NA MÓNA 

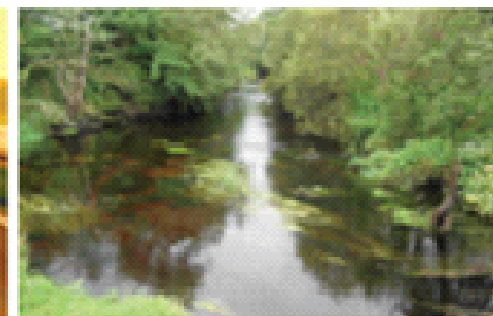
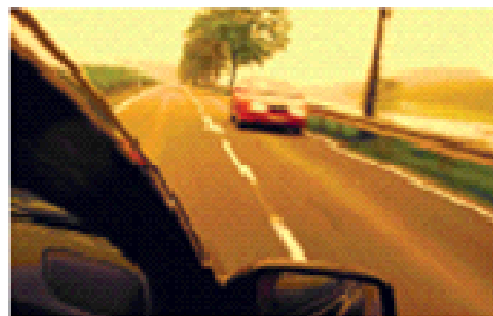
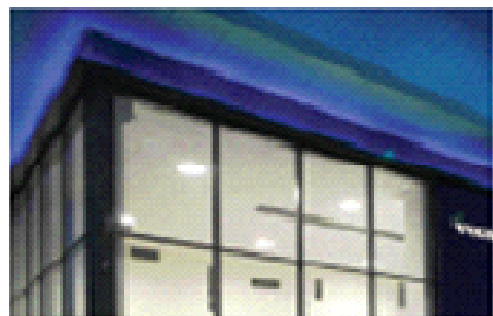
DREHID MECHANICAL
BIOLOGICAL TREATMENT
(MBT) FACILITY

WASTE LICENCE APPLICATION
EIS DRAWINGS VOLUME III
JUNE 2012

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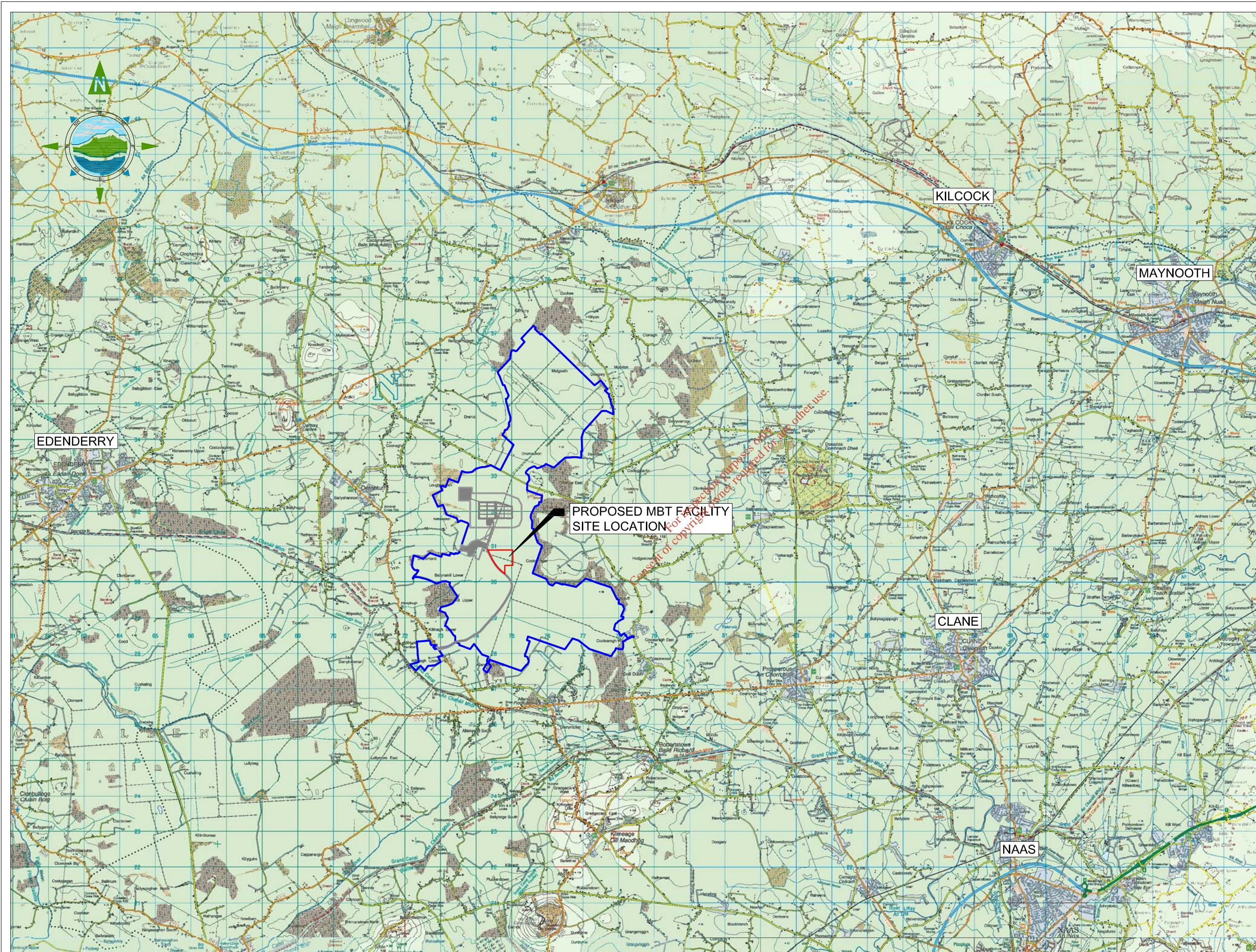
TOBIN CONSULTING ENGINEERS



DREHID MECHANICAL BIOLOGICAL TREATMENT FACILITY EIS DRAWINGS - WASTE LICENCE APPLICATION JUNE 2012

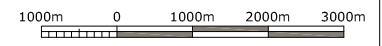
DRAWING NUMBER	DESCRIPTION	SCALE
6301-2300	REGIONAL SITE LOCATION MAP	1:100,000
6301-2301	SITE LOCATION MAP	1 : 20,000
6301-2302	EXISTING SITE TOPOGRAPHY	1 : 2,500
6301-2303	SITE LAYOUT PLAN	1 : 2,500
6301-2304	FACILITY INFRASTRUCTURE & SERVICES - GENERAL ARRANGEMENT	1 : 2,500
6301-2305	SURFACE WATER - LAYOUT PLAN	1 : 2,000
6301-2306	FOUL & PROCESS WATER DRAINAGE - LAYOUT PLAN	1 : 2,000
6301-2307	WATERMAIN - LAYOUT PLAN	1 : 2,000
6301-2308	PROPOSED HEAT TRANSFER PIPES	1 : 4,000
6301-2309	LONGITUDINAL SECTIONS THROUGH EXISTING TOPOGRAPHY	1:2,500 / 1:1,250
6301-2310	ATTENUATION LAGOONS 1 & 2 - GENERAL ARRANGEMENT & SECTION	1:500
6301-2311	TYPICAL ROAD & CARPARK CONSTRUCTION DETAILS	AS SHOWN
6301-2312	TYPICAL MANHOLE DETAILS	1:25
6301-2313	TYPICAL WATERMAIN DETAILS	1:40
6301-2314	TRENCH BEDDING DETAILS	1:40
6301-2315	STANDARD WHEELWASH DETAILS	1:100
6301-2316	WEIGHBRIDGE GENERAL ARRANGEMENT - PLAN & ELEVATIONS	AS SHOWN
6301-2317	TYPICAL FENCING DETAILS	1:100
6301-2318	SURFACE, PROCESS & FIRE WATER PUMP STATION - GENERAL ARRANGEMENT - 1 OF 2	1:100
6301-2319	SURFACE, PROCESS & FIRE WATER PUMP STATION - GENERAL ARRANGEMENT - 2 OF 2	1:100
6301-2320	SCHEMATIC & DETAILS OF HEAT TRANSFER PIPES	NTS
6301-2321	LANDSCAPE PLAN	1:3,000
6301-2322	ADMINISTRATION & WELFARE BUILDING - PLAN & ELEVATIONS	1:250
6301-2323	TYPICAL BIOFILTER / ODOUR ABATEMENT BUILDING - PLAN & ELEVATIONS	1:500
6301-2324	SRF BUILDING - PLAN & ELEVATIONS	1:500
6301-2325	MECHANICAL TREATMENT BUILDING - PLAN	1:500
6301-2326	REFINING BUILDING - PLAN & ELEVATIONS	1:500
6301-2327	MAINTENANCE BUILDING - PLAN & ELEVATIONS	1:250
6301-2328	BIOLOGICAL TREATMENT BUILDING (Configuration A (MBT with Composting) - GROUND FLOOR PLAN - SHEET 1 OF 2	1:500
6301-2329	BIOLOGICAL TREATMENT BUILDING (Configuration A (MBT with Composting) - GROUND FLOOR PLAN - SHEET 2 OF 2	1:500
6301-2330	BIOLOGICAL TREATMENT BUILDING (Configuration A (MBT with Composting) - SOUTH, EAST & WEST ELEVATIONS	1:500
6301-2331	BIOLOGICAL TREATMENT BUILDING (Configuration A (MBT with Composting) - NORTH ELEVATION	1:500
6301-2332	BIOLOGICAL TREATMENT BUILDING (Configuration B (MBT with Dry Anaerobic Digestion and Composting) - GROUND FLOOR PLAN - SHEET 1 OF 2	1:500
6301-2333	BIOLOGICAL TREATMENT BUILDING (Configuration B (MBT with Dry Anaerobic Digestion and Composting) - GROUND FLOOR PLAN - SHEET 2 OF 2	1:500
6301-2334	BIOLOGICAL TREATMENT BUILDING (Configuration B (MBT with Dry Anaerobic Digestion and Composting) - SOUTH, EAST & WEST ELEVATIONS	1:500
6301-2335	BIOLOGICAL TREATMENT BUILDING (Configuration B (MBT with Dry Anaerobic Digestion and Composting) - NORTH ELEVATION	1:500
6301-2336	MECHANICAL TREATMENT BUILDING - ELEVATIONS	1:500
6301-2337	FUEL STORAGE AREA - PLAN & ELEVATIONS	1:100

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GENERAL LEGEND
 OWNERSHIP BOUNDARY
 ACTIVITY BOUNDARY
 EXISTING PERMITTED WASTE MANAGEMENT FACILITY

- 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



Issue	Date	Description	By	Chkd.
A	27.06.12	ISSUED FOR WASTE LICENCE	MN	DC

Client:
BORD NA MÓNA

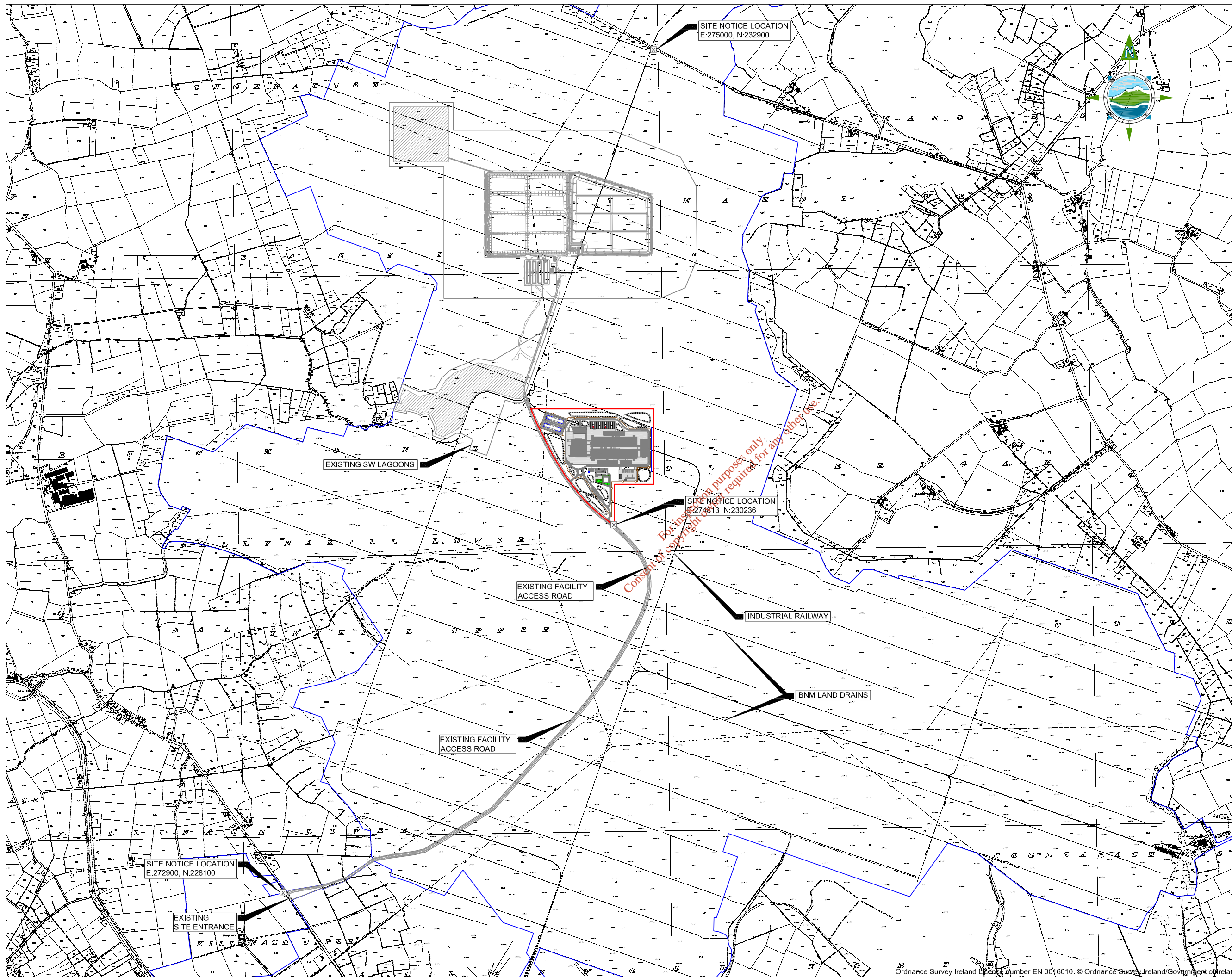
Project:
 DREHID
 MECHANICAL BIOLOGICAL
 TREATMENT (MBT) FACILITY

Title:
 REGIONAL
 SITE LOCATION MAP

Scale @ A3: 1:100,000
 Prepared by: M. Nolan
 Checked: D. Conneran
 Date: May 2012
 Project Director: D. Grehan

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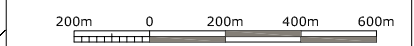
Drawing No.: **6301-2300** Issue: **A**



GENERAL LEGEND

BORD NA MÓNA OWNERSHIP BOUNDARY	SITE ACTIVITY BOUNDARY
PERMITTED FACILITY BOUNDARY	

- 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
 5. 6" OS SHEET NO'S: KILDARE 3, 4, 8, 9 & 13



Rev	Date	Description	By	Chkd.
A	27.06.12	ISSUED FOR WASTE LICENCE	MN	DC

Client:
BORD NA MÓNA

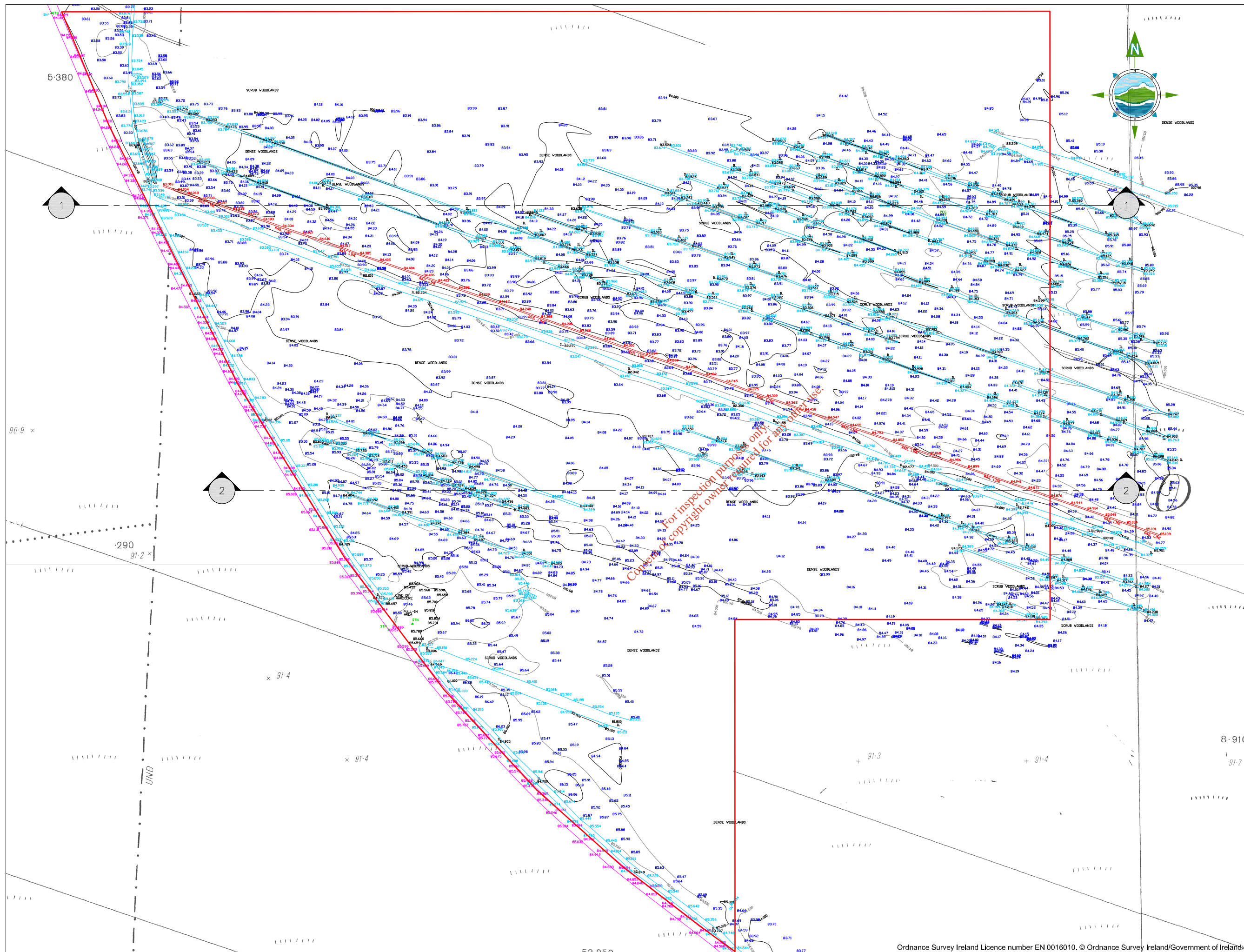
Project:
DREHID MECHANICAL BIOLOGICAL TREATMENT (MBT) FACILITY

Title:
SITE LOCATION MAP

Scale @ A3:	1:20,000	
Prepared by:	Checked:	Date:
M. Nolan	D. Conneran	May 2012
Project Director:	D. Grehan	
Drawing Status:	Waste Licence	

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Drawing No.:	6301-2301	Revision:	A
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GENERAL LEGEND

ACTIVITY BOUNDARY	—
EXISTING MAJOR CONTOUR	84.00m
EXISTING MINOR CONTOUR	84.50m
EXISTING ROAD	—
EXISTING DRAIN	—
EXISTING RAIL LINE	—
INVERT LEVEL	##.##
EX. ROAD LEVEL	##.##
RAIL LINE LEVEL	##.##
TOP OF BANK LEVEL	##.##
SPOT LEVEL	##.##

- NOTES:**
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 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
 6. FOR SECTIONS REFER TO DRG. NO: 6301 2309



Issue	Date	Description	By	Chkd.
A	27.06.12	ISSUED FOR WASTE LICENCE	M.N.	D.C.

Client:

BORD NA MÓNA

Project:

DREHID MECHANICAL BIOLOGICAL TREATMENT (MBT) FACILITY

Title:

EXISTING SITE TOPOGRAPHY

Scale @ A3: 1:2,500

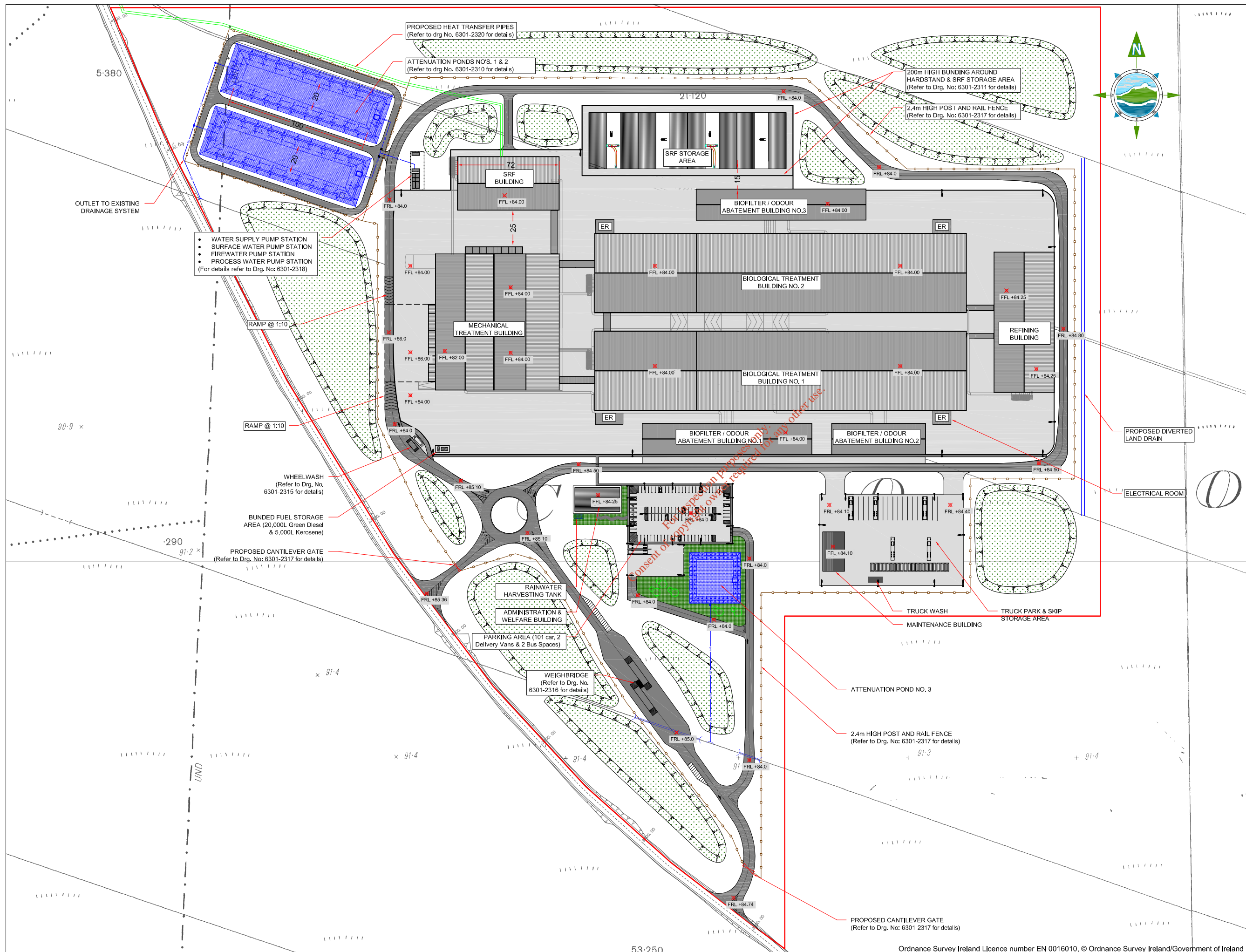
Prepared by:	Checked:	Date:
M. Nolan	D. Conneran	March 2012
Project Director:	D. Grehan	

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Drawing No.: **6301-2302** Issue: **A**



GENERAL LEGEND

ACTIVITY BOUNDARY	
PROPOSED CHAINLINK FENCE	
PROPOSED ROAD	
PROPOSED HARDSTAND	
PROPOSED ATTENUATION POND	
PROPOSED GREEN AREA	
PROPOSED BUILDINGS	
FINISHED ROAD LEVEL	FRL +159.5
FINISHED FLOOR LEVEL	FFL +149.85
PROPOSED LANDSCAPED SCREENING BERM	

- NOTES:**
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 - 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

Issue	Date	Description	By	Chkd.
A	27.06.12	ISSUED FOR WASTE LICENCE	M.N.	D.C.

Client:

Project:
**DREHID
 MECHANICAL BIOLOGICAL
 TREATMENT (MBT) FACILITY**

Title:
SITE LAYOUT PLAN

Scale @ A3: 1:2,500

Prepared by: M. Nolan Checked: D. Conneran Date: May 2012

Project Director: D. Grehan

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Drawing No.: **6301-2303** Issue: **A**