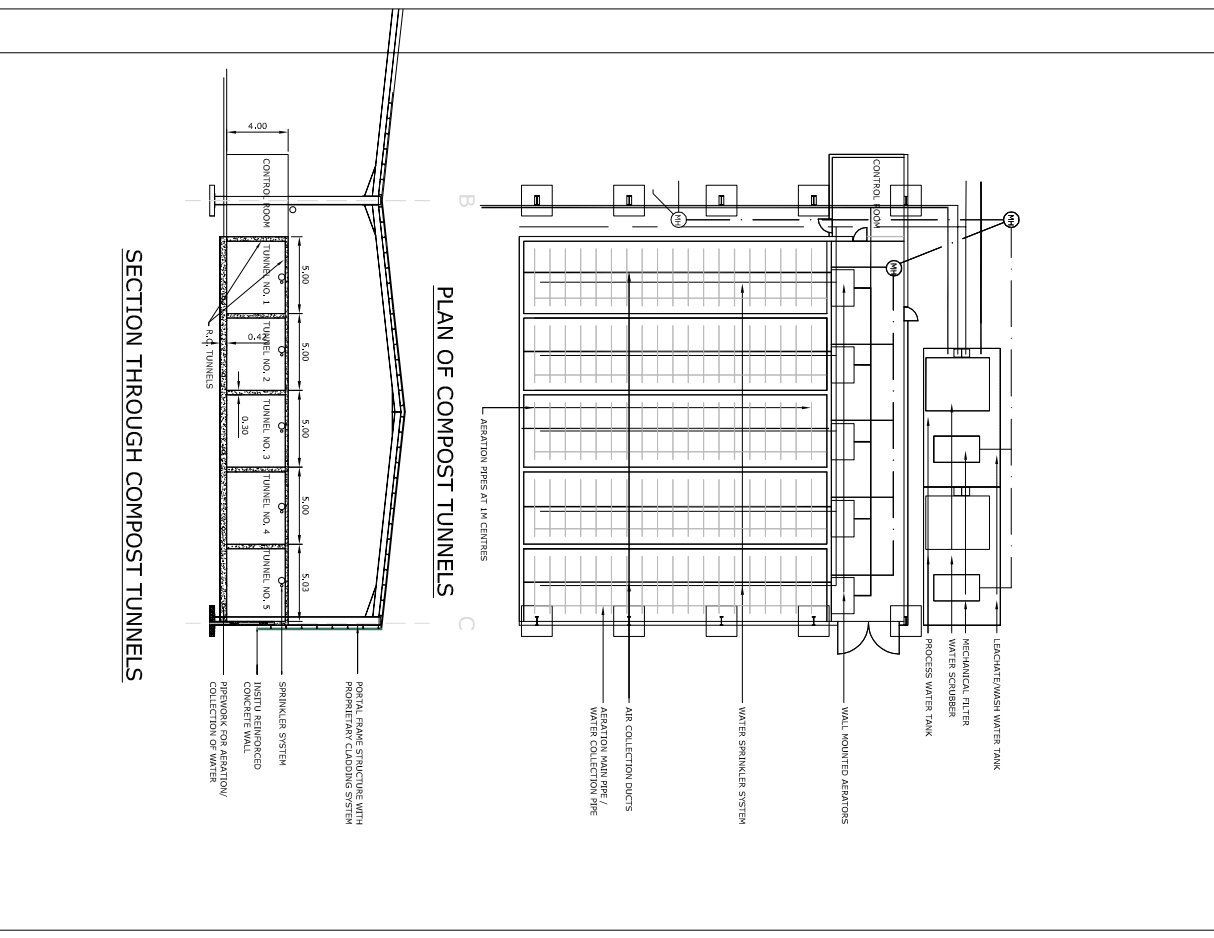


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Issue	Date	Description	By	Chkd
A	04-06-08	ISSUED FOR LICENCE REVIEW	MN	PCW

Client:
BORD NA MÓNA

Project:
INTENSIFICATION AND EXTENSION TO DREHD WASTE MANAGEMENT FACILITY

Title:
COMPOST FACILITY LAYOUT COMPOST TUNNEL PLAN AND ELEVATIONS

Scale @ A3: 1:500

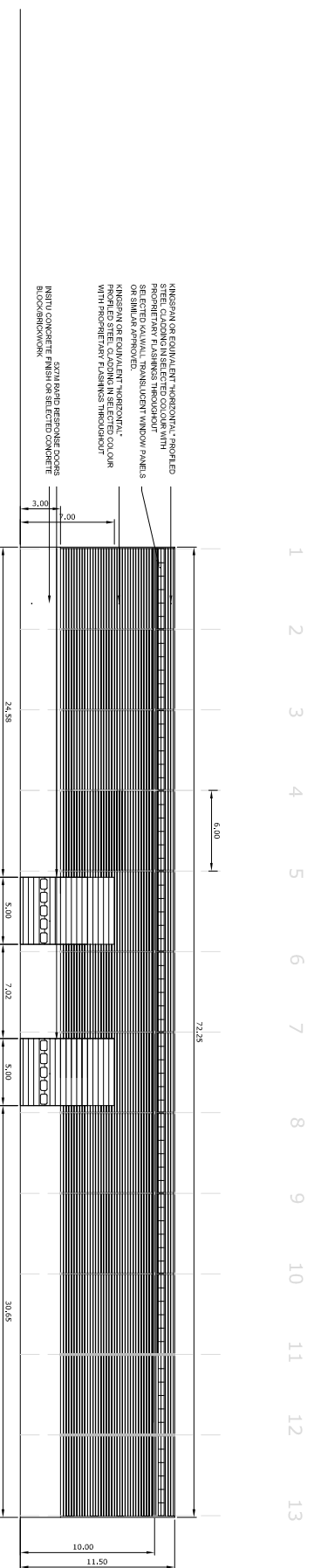
Prepared by: M. Nolan
Checked: P. O'Neill
Date: May 2008

Project Director: D. Grehan

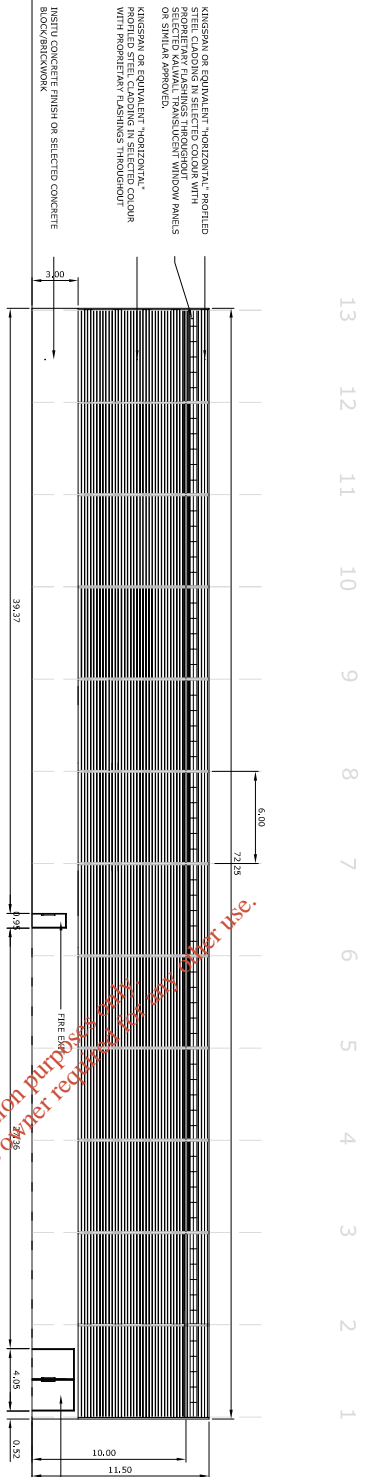
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e-mail: info@tobin.ie
www.tobin.ie

Drawing No.: 3369-2623

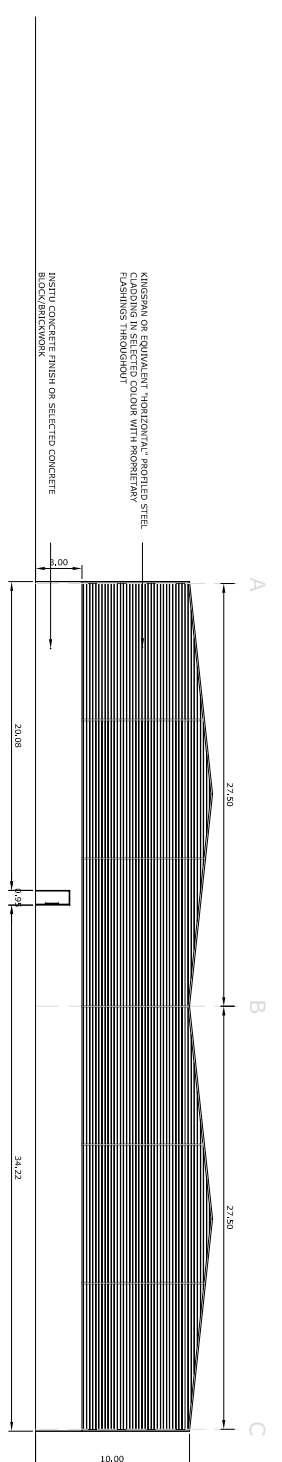
Issue: A



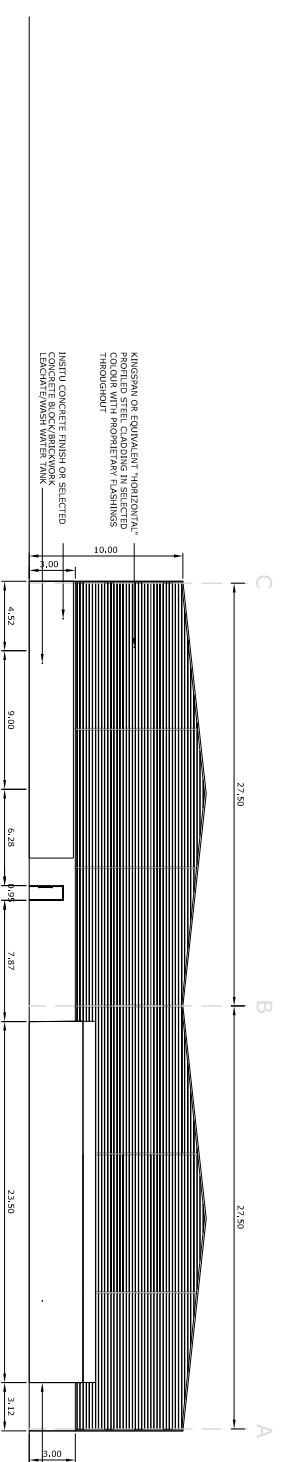
WEST ELEVATION OF COMPOSTING FACILITY



EAST ELEVATION OF COMPOSTING FACILITY



SOUTH ELEVATION OF COMPOSTING FACILITY



NORTH ELEVATION OF COMPOSTING FACILITY

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Issue	Date	Description	By	Chkd.
A	04-06-08	ISSUED FOR LICENCE REVIEW	MN	PCN

Client:
BORD NA MÓNA

Project:
 INTENSIFICATION AND
 EXTENSION TO DREHD WASTE
 MANAGEMENT FACILITY

Title:
 COMPOST FACILITY
 ELEVATIONS

Scale @ A3: 1:500

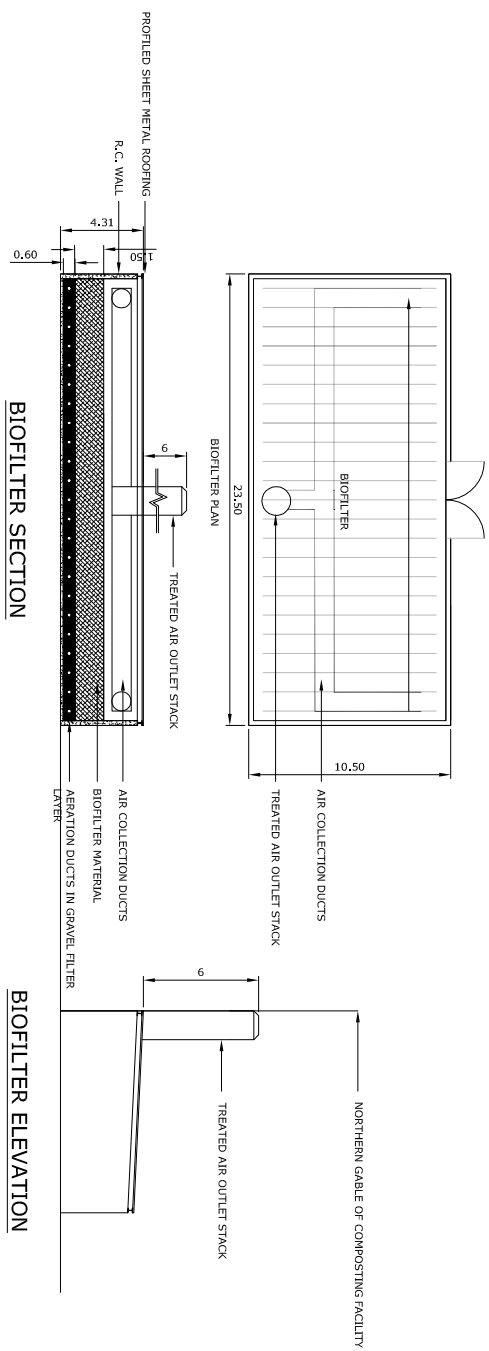
Prepared by: M. Nolan
 Checked: P. O'Neill
 Date: May 2008

Project Director: D. Geahan

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Drawing No.: 3369-2624

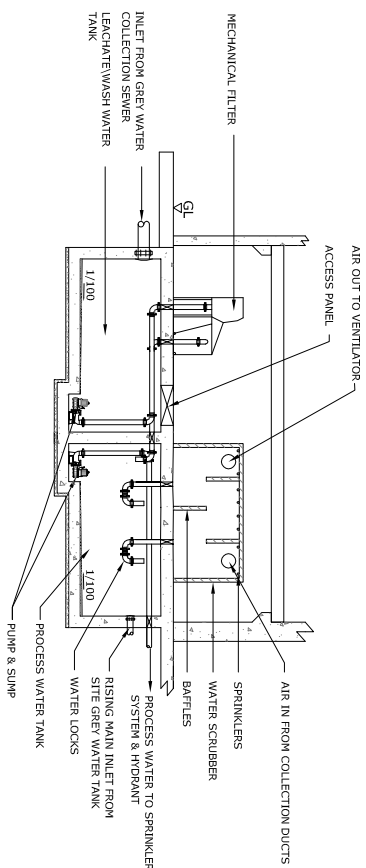
Issue: A



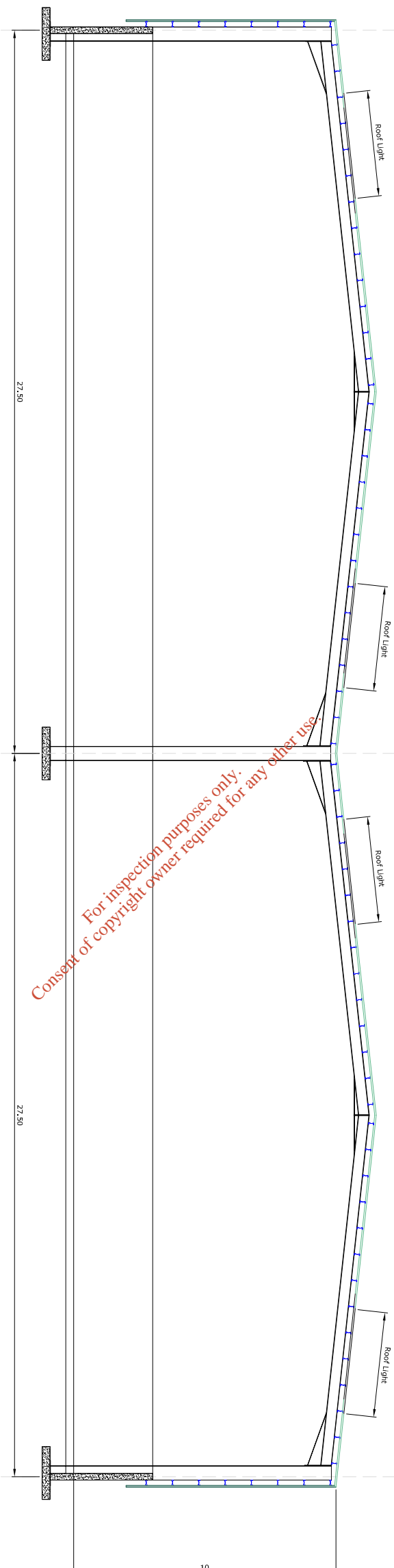
BIOFILTER SECTION
(1:400)

BIOFILTER DETAILS
(1:400)

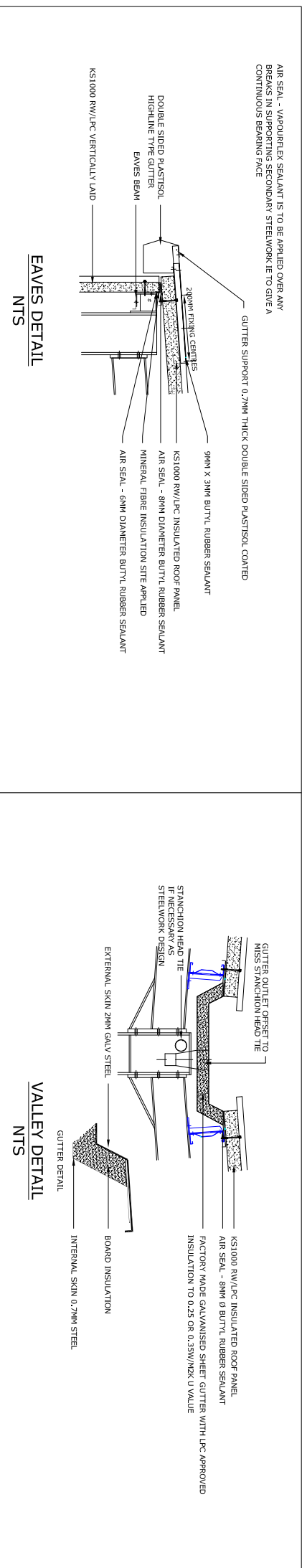
BIOFILTER ELEVATION
(1:400)



WATER COLLECTION/TREATMENT SYSTEM
(1:200)

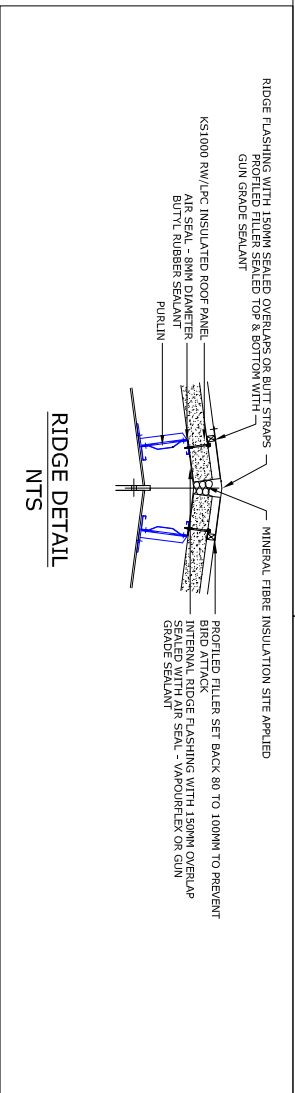


SECTION THROUGH COMPOST FACILITY
(1:200)



EAVES DETAIL
NTS

VALLEY DETAIL
NTS



RIDGE DETAIL
NTS

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Issue	Date	Description	By	Chkd
A	04-06-08	ISSUED FOR LICENCE REVIEW	MN	PNM

Client:
BORD NA MÓNA

Project:
**INTENSIFICATION AND
EXTENSION TO DREHD WASTE
MANAGEMENT FACILITY**

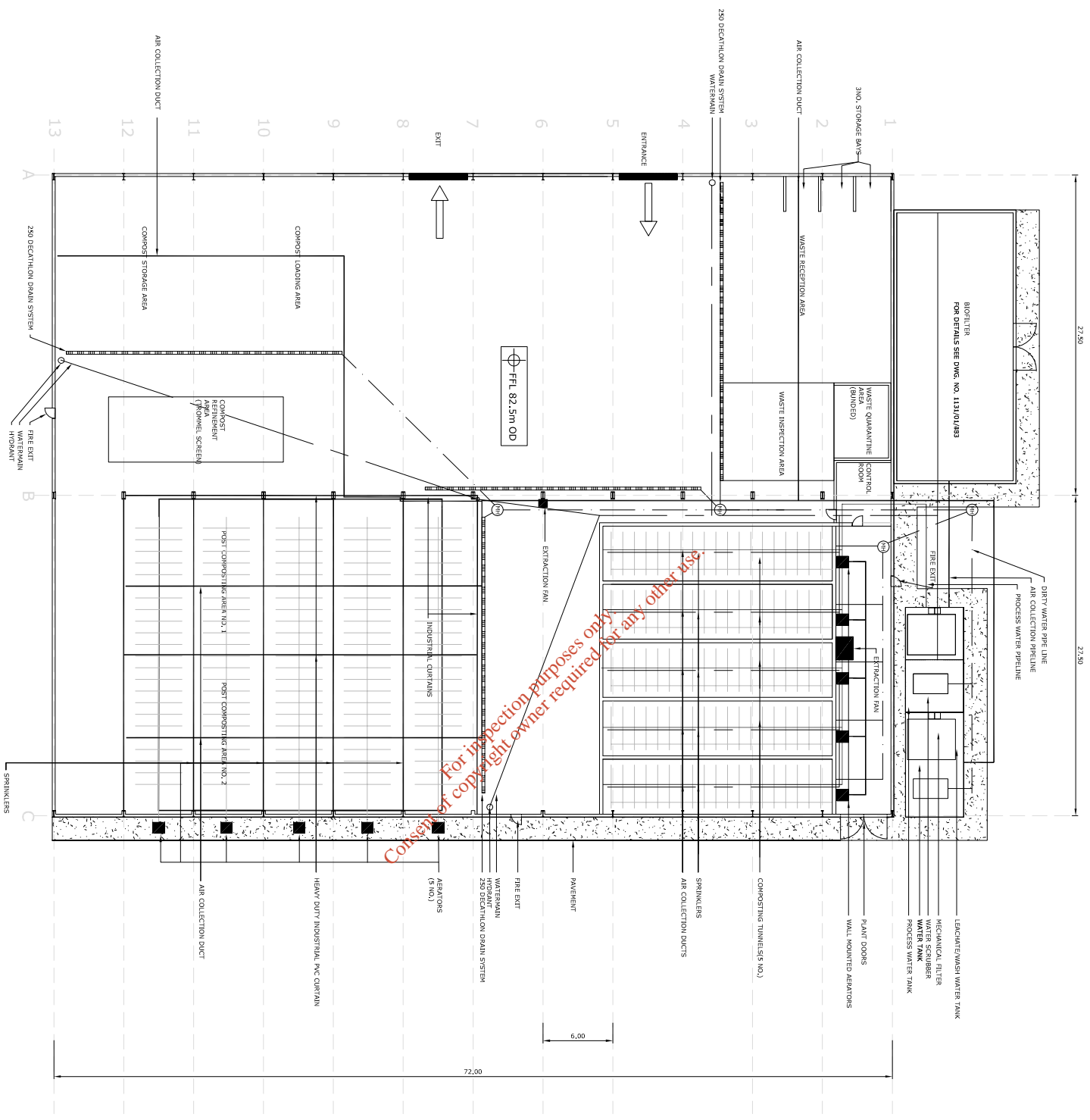
Title:
**COMPOST FACILITY DETAILS
& BIOFILTER PLAN & ELEVATION**

Scale @A3: **AS SHOWN**

Prepared by: **M. Nolan** Date: **May 2008**
Checked: **P. O'Neill**
Project Director: **D. Geahan**

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Drawing No.: **3369-2625** Issue: **A**



COMPOST FACILITY PLAN

NOTE:
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Issue	Date	Description	By	Chkd.
A	04-06-08	ISSUED FOR LICENCE REVIEW	MM	PM

Client:
BORD NA MÓNA

Project:
**INTENSIFICATION AND
 EXTENSION TO DREHD WASTE
 MANAGEMENT FACILITY**

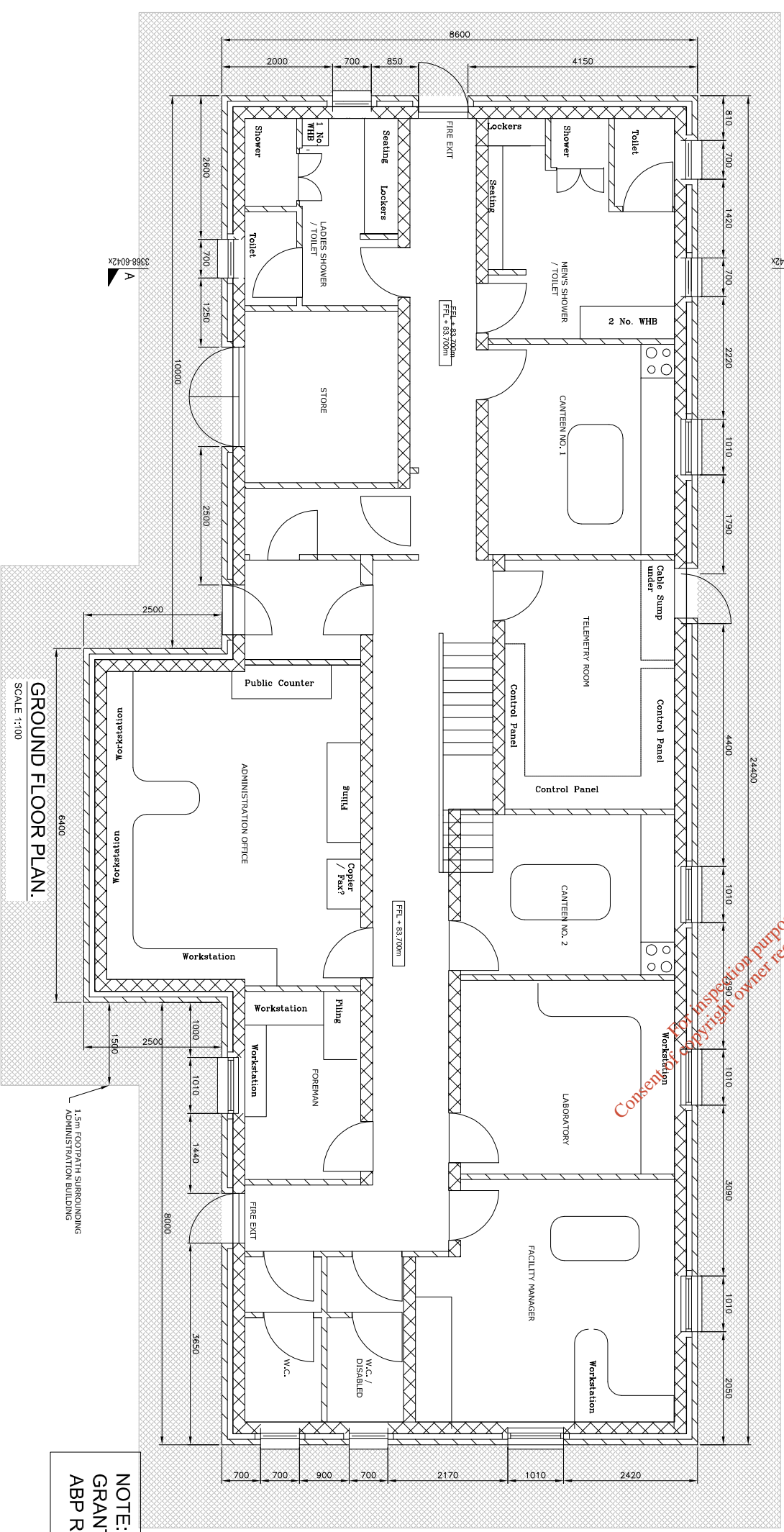
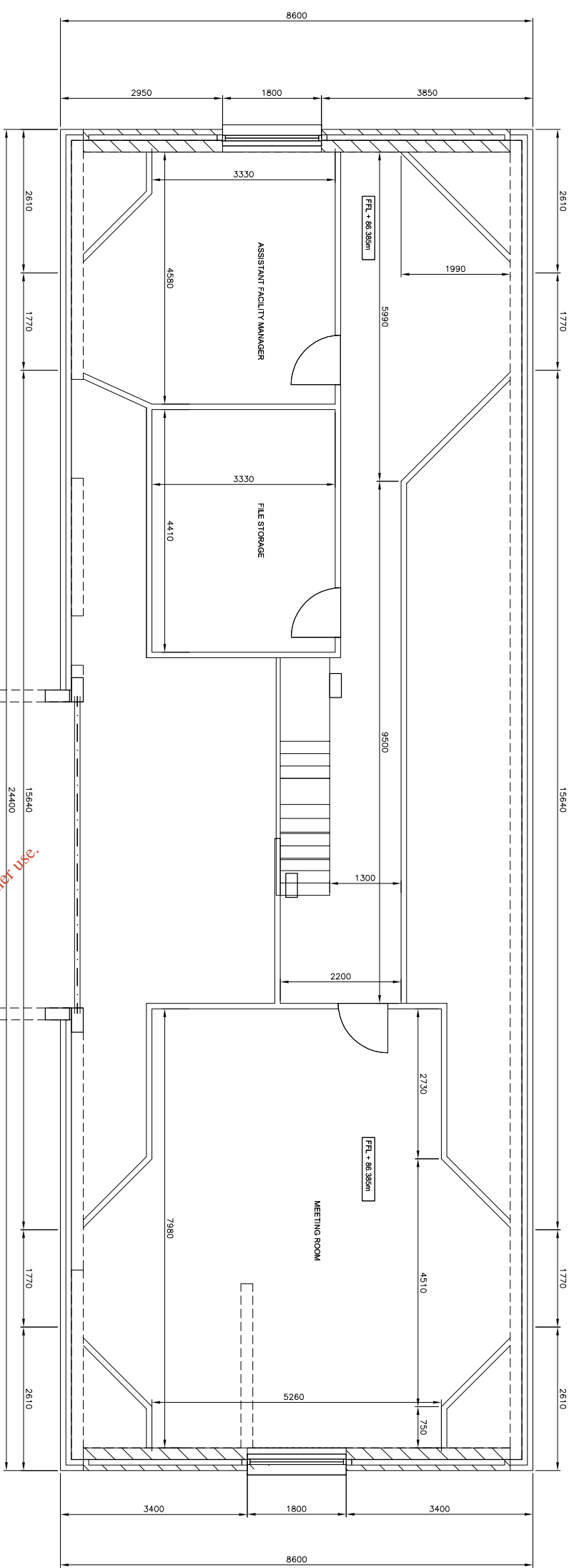
Title:
**COMPOST FACILITY
 SERVICES LAYOUT**

Scale @ A3: **1:500**

Prepared by:	M. Nolan	Checked:	P. O'Neill	Date:	May 2008
Project Director:	D. Geahan				

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Drawing No.: **3369-2626** Issue: **A**



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Issue	Date	Description	By	CHKD
A	04/05/08	ISSUED FOR LICENCE REVIEW	MMJ	PON

Client:
BORD NA MONA

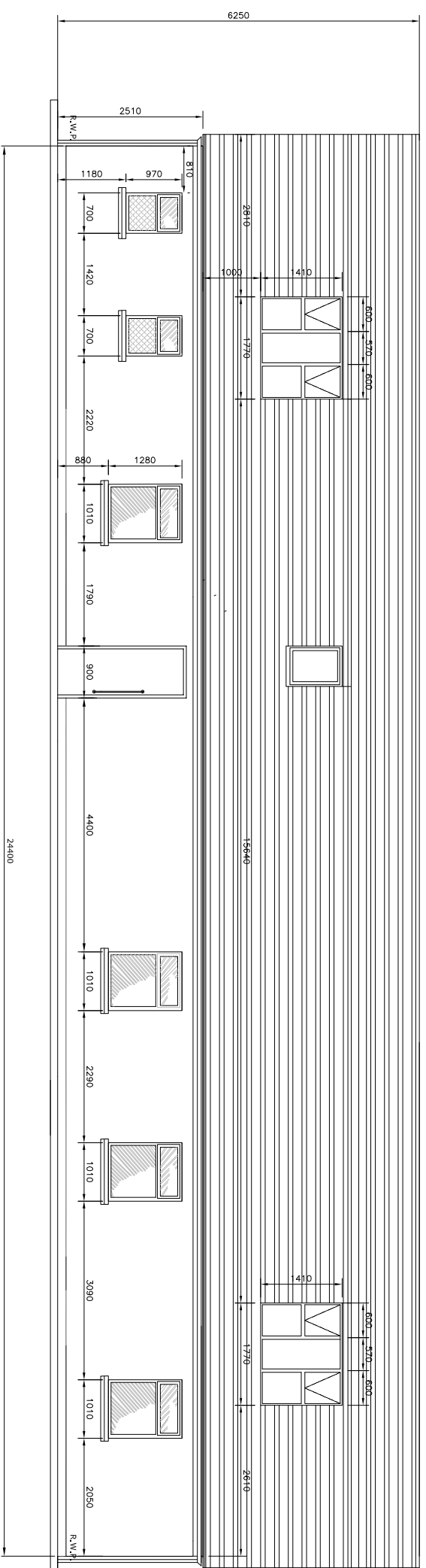
Project:
**INTENSIFICATION AND
EXTENSION TO DREHD WASTE
MANAGEMENT FACILITY**

Title:
**ADMINISTRATION BUILDING
PLANS**

Scale @ A3: **AS SHOWN**

Prepared by:	M. Nolan	Checked:	P. O'Neill	Date:	May 2008
Project Director:	D. Geahan				

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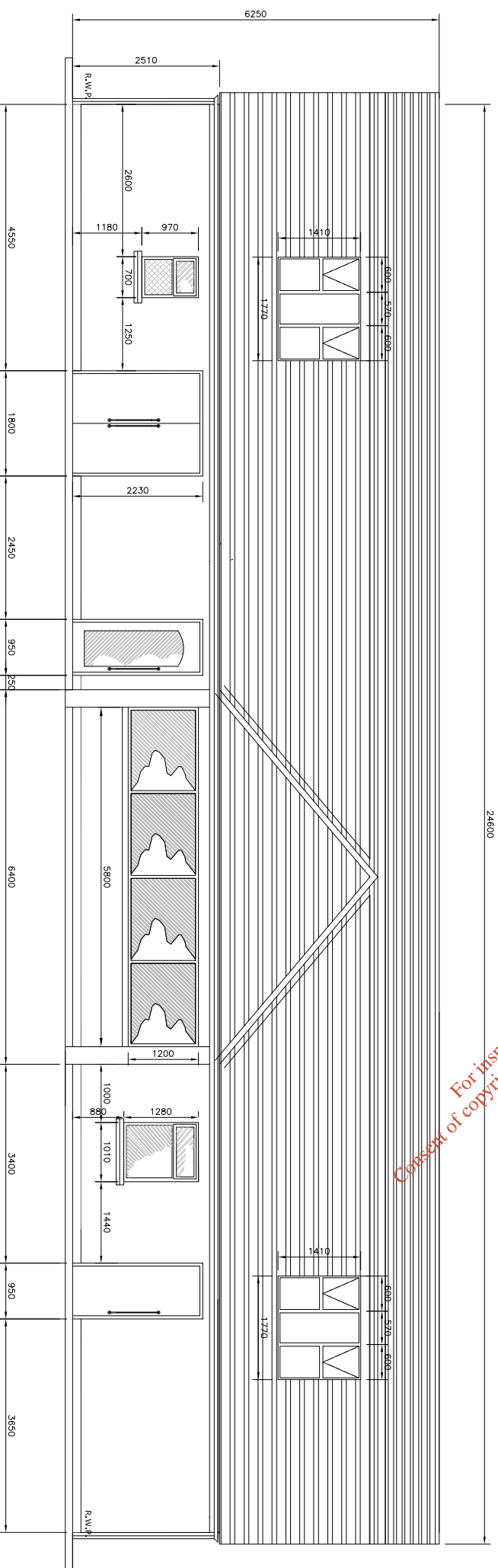
EAST ELEVATION

SCALE 1:100

FINISHES

- CONCRETE ROOF TILES IN RAL7015 SLATE GREY
- UPVC RAINWATER FITTINGS RAL9010 WHITE
- EXTERNAL WALLS IN NAP PLASTER FINISH, R9002 GREY/WHITE OR RAL9010 WHITE
- UPVC DOUBLE GLAZED WINDOWS RAL9010 WHITE
- HARDWOOD EXTERNAL DOORS RAL9010 WHITE

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WEST ELEVATION

SCALE 1:100

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Issue	Date	Description	By	Chkd.
A	04/02/08	ISSUED FOR LICENCE REVIEW	NAN	PNM

Client:
BORD NA MÓNA

Project:
**INTENSIFICATION AND
EXTENSION TO DREHD WASTE
MANAGEMENT FACILITY**

Title:
**ADMINISTRATION BUILDING
ELEVATIONS 1 OF 2**

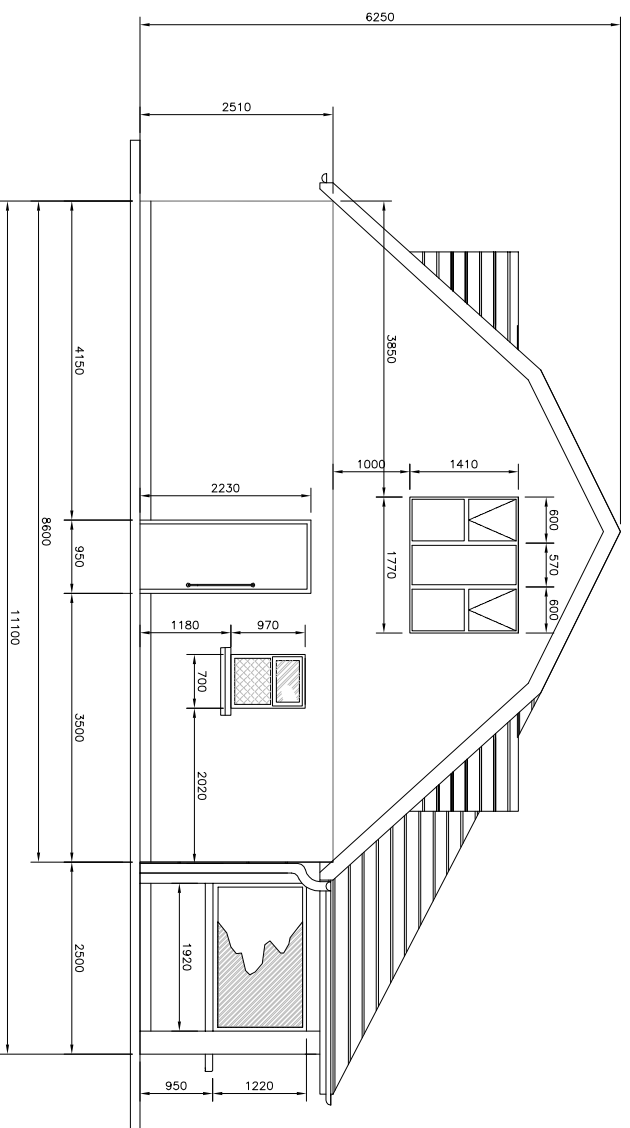
Scale @ A3: **AS SHOWN**

Prepared by: **M. Nolan** Checked: **P. O'Neill** Date: **May 2008**

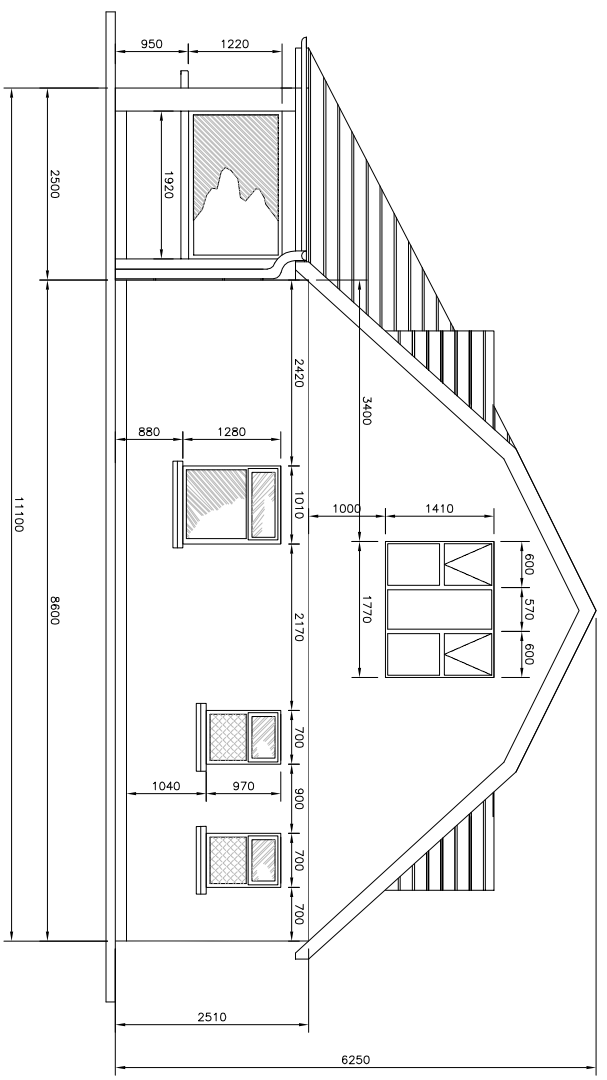
Project Director: **D. Grehan**

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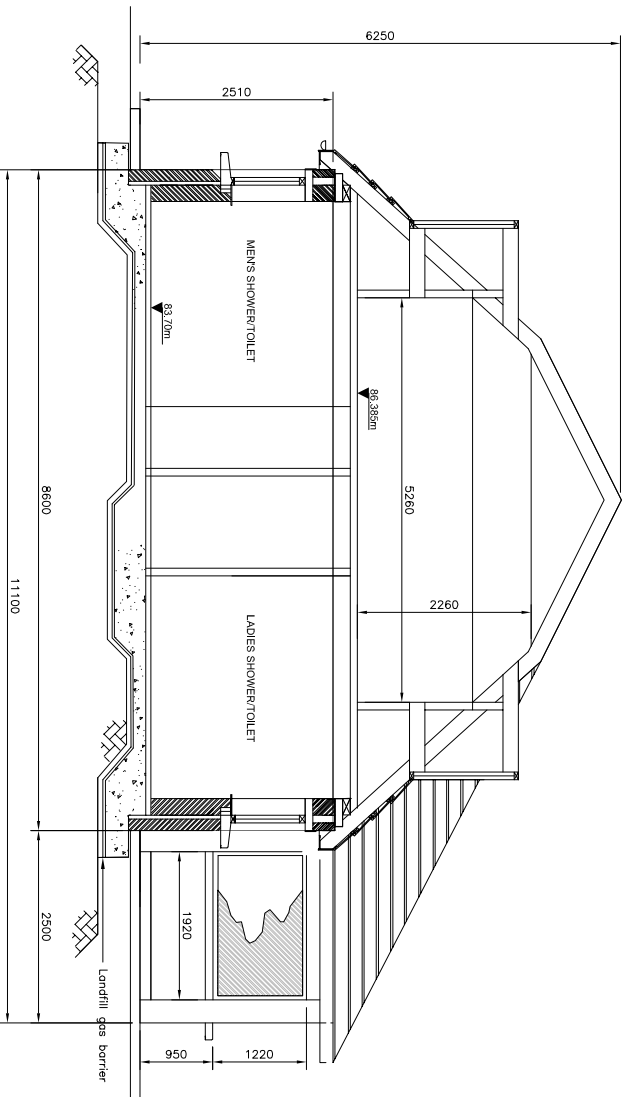
Drawing No.: **3369-2628** Issue: **A**



NORTH ELEVATION
SCALE 1:100



SOUTH ELEVATION
SCALE 1:100



SECTION A-A
SCALE 1:100

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- FINISHES**
- CONCRETE ROOF TILES IN RAL7015 SLATE GREY
 - UPVC RAINWATER FITTINGS RAL9010 WHITE
 - EXTERNAL WALLS IN NAP PLASTER FINISH, R9002 GREY/WHITE OR RAL9010 WHITE
 - UPVC DOUBLE GLAZED WINDOWS RAL9010 WHITE
 - HARDWOOD EXTERNAL DOORS RAL9010 WHITE

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Issue	Date	Description	By	Chkd.
A	04/04/08	ISSUED FOR LICENCE REVIEW	NAN	PNM

Client:
BORD NA MÓNA

Project:
**INTENSIFICATION AND
EXTENSION TO DREHD WASTE
MANAGEMENT FACILITY**

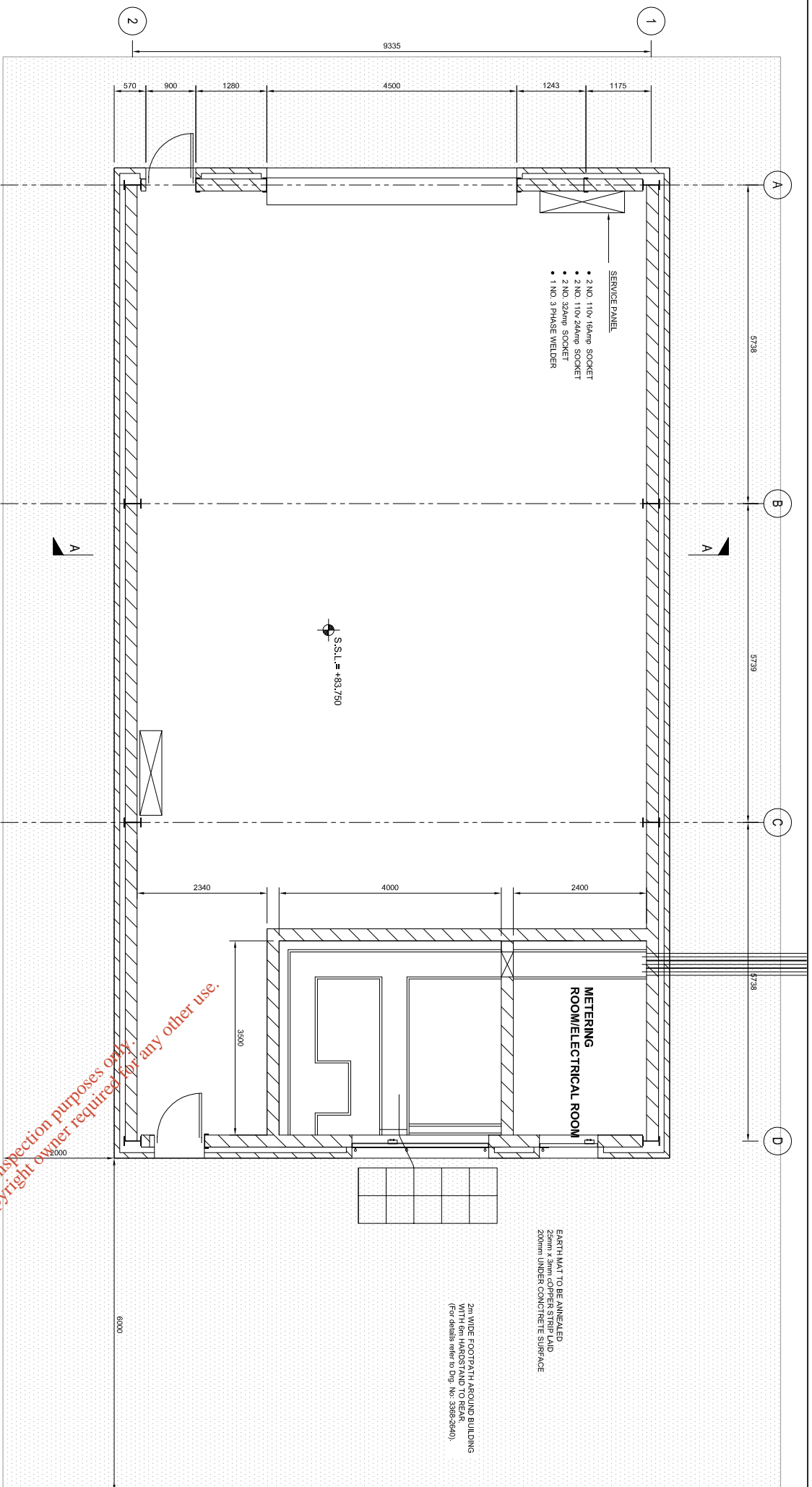
Title:
**ADMINISTRATION BUILDING
ELEVATIONS 2 OF 2**

Scale @ A3: **AS SHOWN**

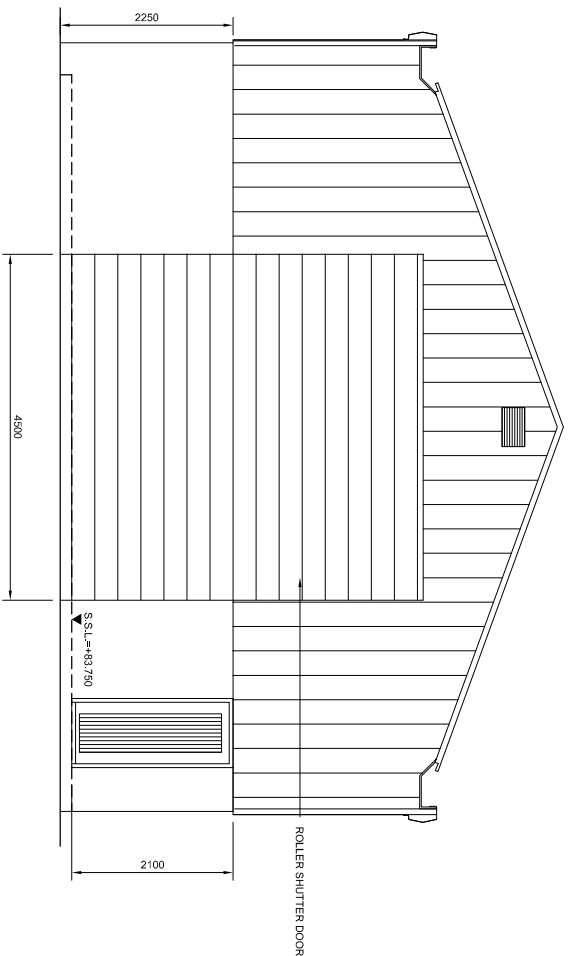
Prepared by:	Checked:	Date:
M. Nolan	P. O'Neill	May 2008
Project Director:	D. Grehan	

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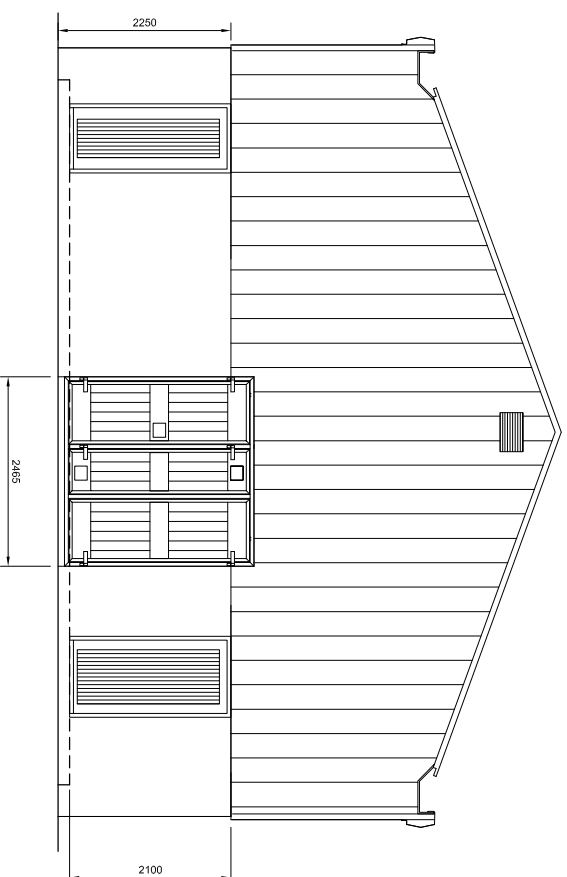
Drawing No.: **3369-2629** Issue: **A**



GROUND FLOOR PLAN
SCALE 1:100

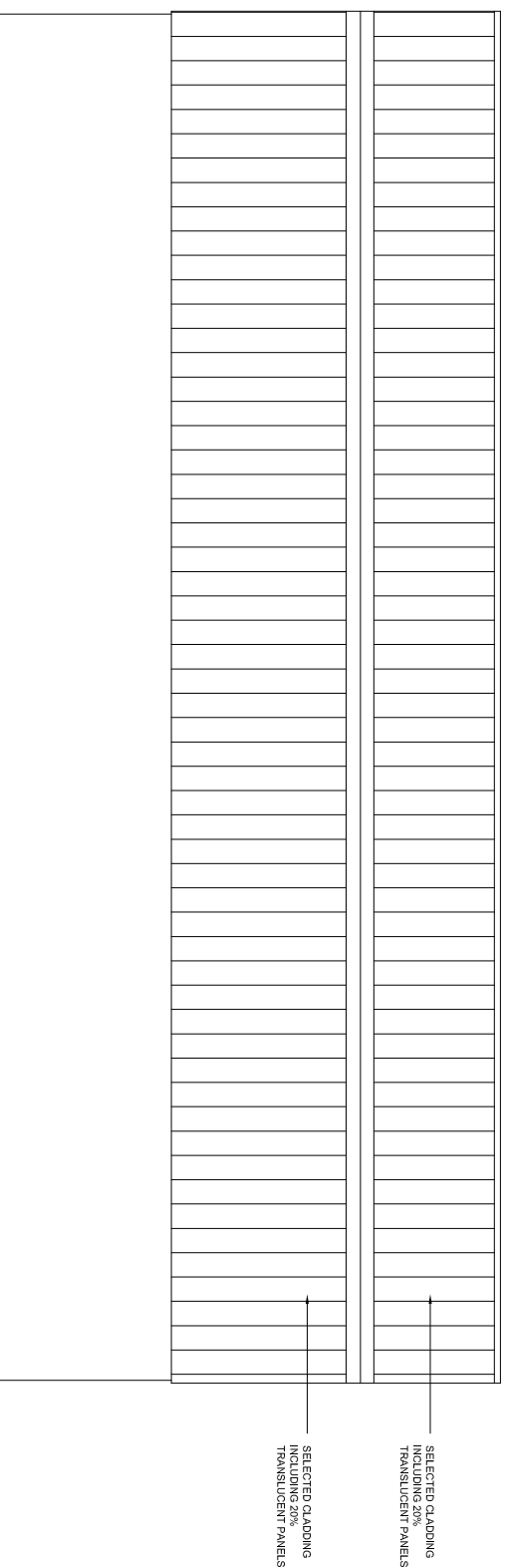


SOUTH ELEVATION
SCALE 1:100



NORTH ELEVATION
SCALE 1:100

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EAST ELEVATION (WEST ELEVATION SIMILAR)
SCALE 1:100

NOTES

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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	04-06-08	ISSUED FOR LICENCE REVIEW	MAN	POW

Client:
BORD NA MÓNA

Project:
INTENSIFICATION AND EXTENSION TO DREHD WASTE MANAGEMENT FACILITY

Title:
MAINTENANCE BUILDING PLAN AND ELEVATIONS

Scale @ A3: **AS SHOWN**

Prepared by: **M. Nolan** Checked: **P. O'Neill** Date: **May 2008**

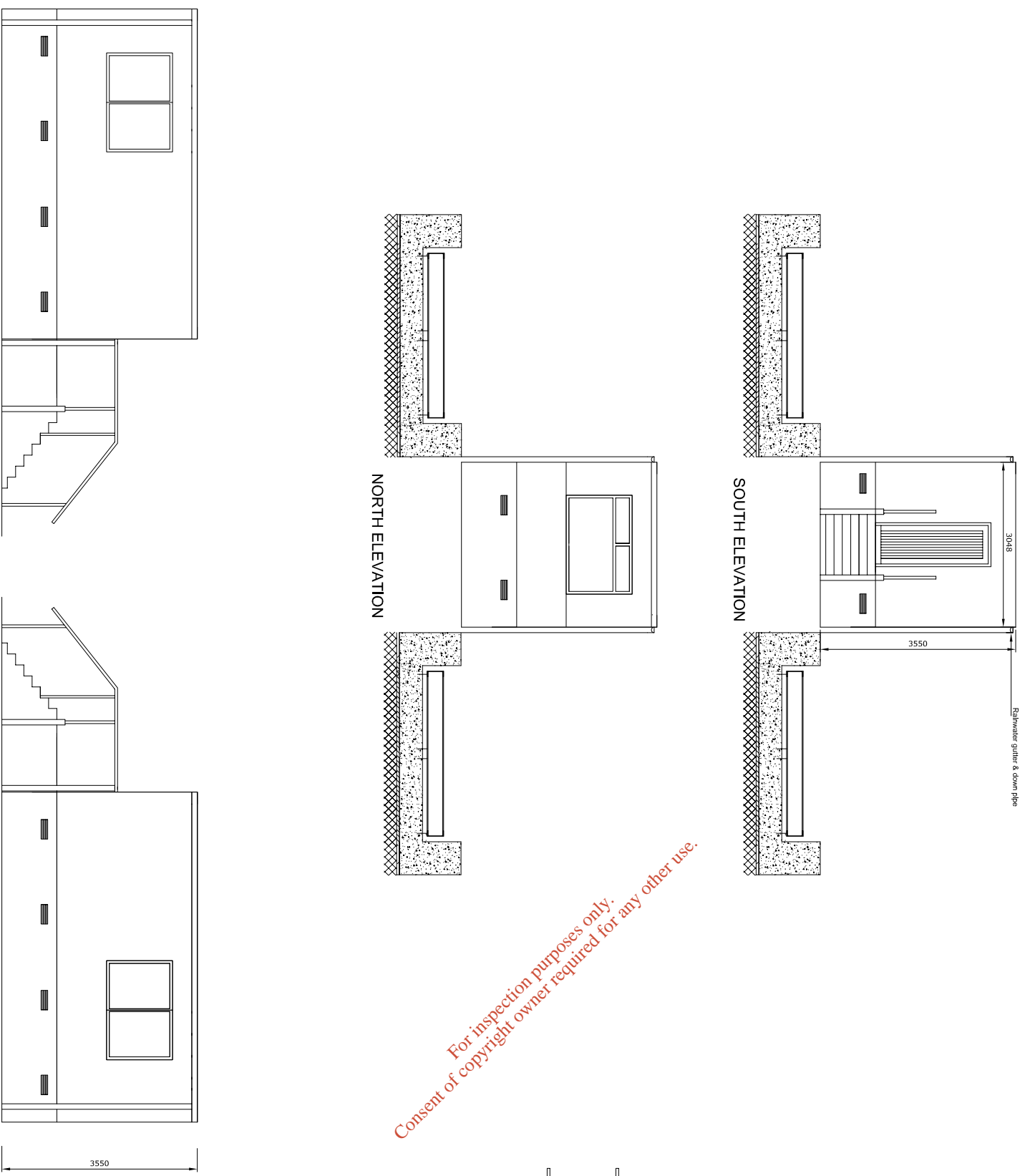
Project Director: **D. Grehan**

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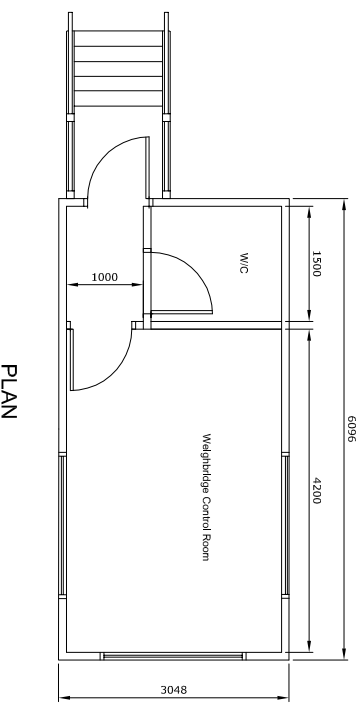
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Drawing No.: **3369-2630** Issue: **A**

WEIGHBRIDGE OFFICE



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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 MALLEN HEAD

Issue	Date	Description	By	Chkd.
A	04-05-08	ISSUED FOR LICENCE REVIEW	MM	PNM

Client:
BORD NA MÓNA

Project:
INTENSIFICATION AND EXTENSION TO DREHID WASTE MANAGEMENT FACILITY

Title:
WEIGHBRIDGE OFFICE / KIOSK PLAN AND ELEVATIONS

Scale @ A3: **1:100**

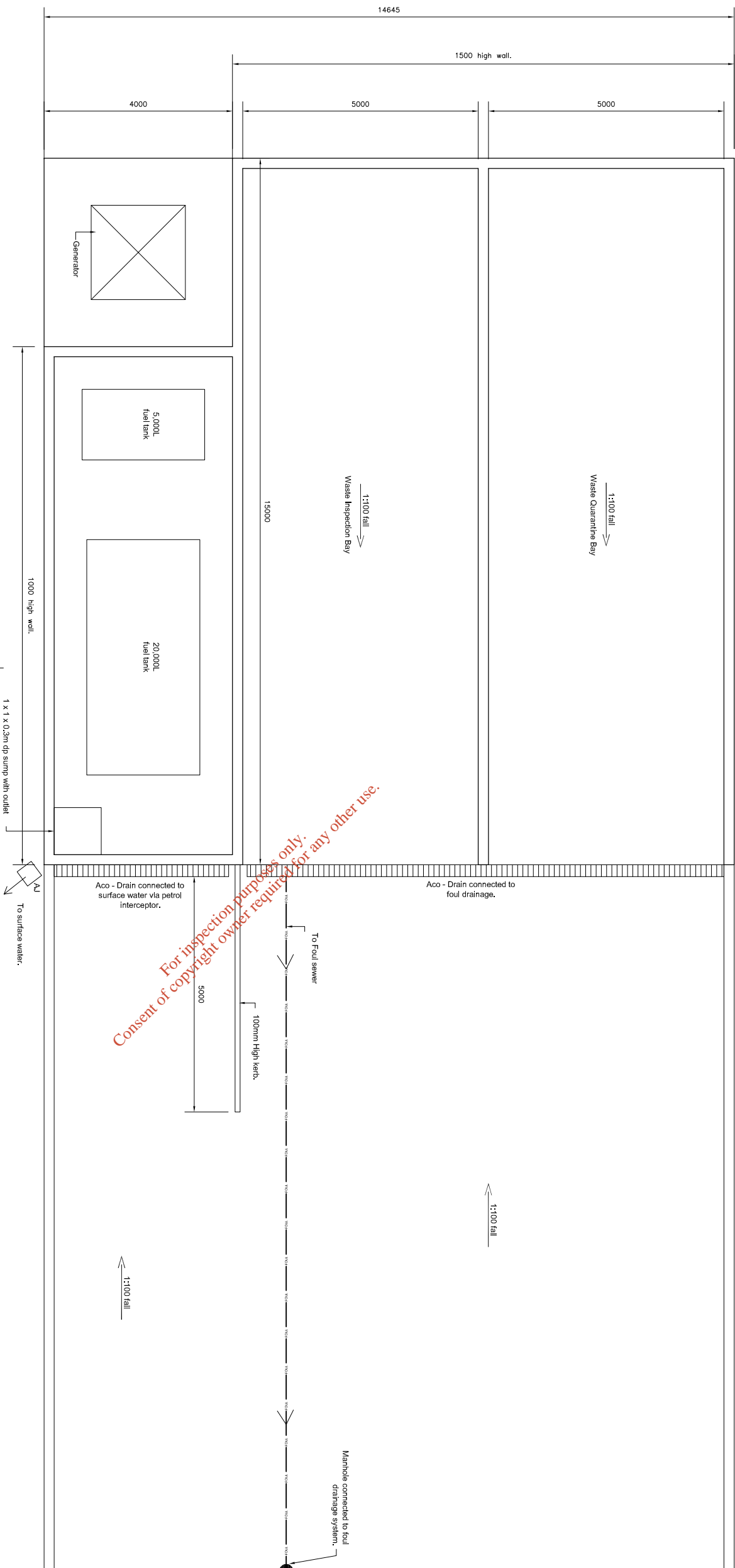
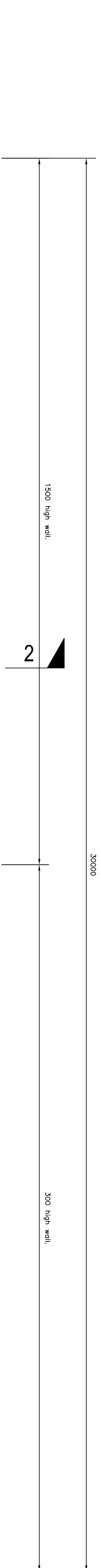
Prepared by:	Checked:	Date:
M. Nolan	P. O'Neill	May 2008
Project Director:	D. Geahan	

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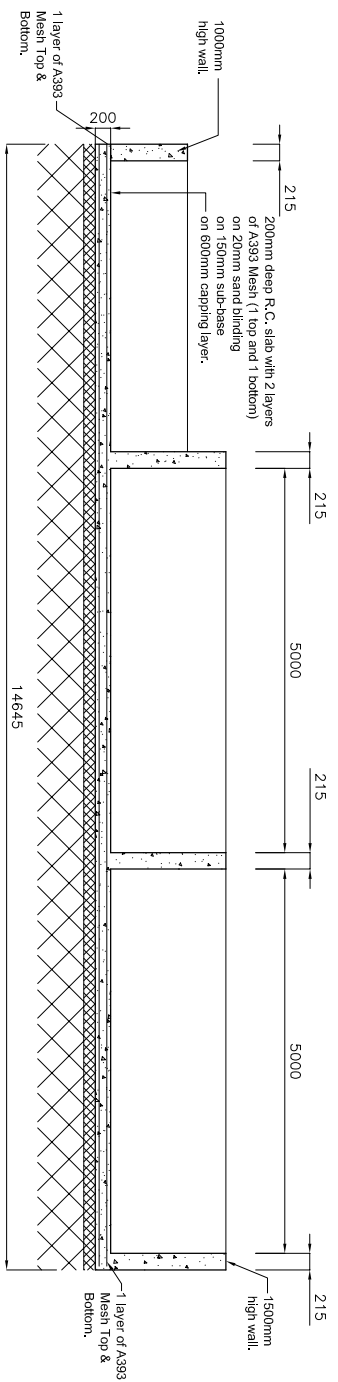
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Drawing No.: **3369-2631**

Issue: **A**



PLAN LAYOUT
SCALE 1:100



SECTION 2 - 2
SCALE 1:100

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 4. ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALLEN HEAD

Issue	Date	Description	By	D.C.	CHKD
A	04-06-08	ISSUED FOR LICENCE REVIEW	M.N.		

Client:
BORD NA MÓNA

Project:
INTENSIFICATION AND EXTENSION TO DREHD WASTE MANAGEMENT FACILITY

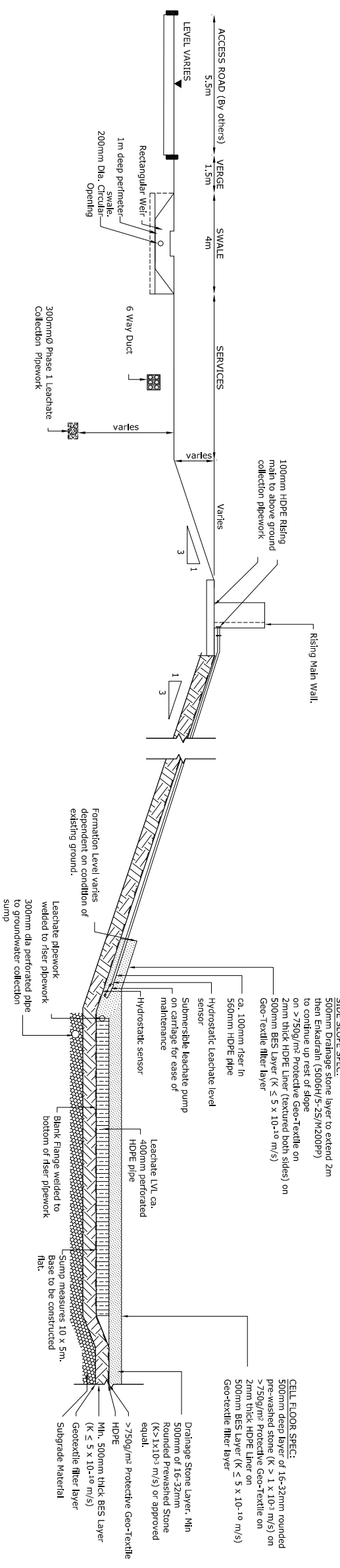
Title:
WASTE INSPECTION / QUARANTINE BAYS & FUEL STORAGE AND GENERATOR LOCATIONS GENERAL ARRANGEMENT

Scale @ A3: 1:100

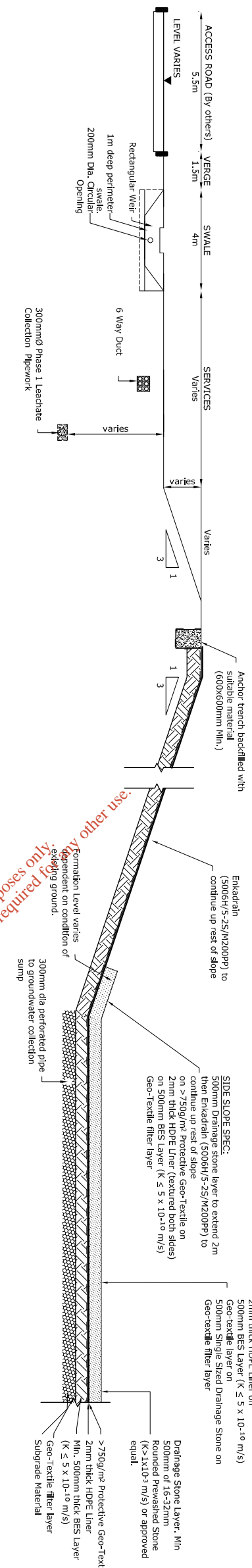
Prepared by: M. Nolan
Checked: D. Conneran
Project Director: D. Grehan
Date: May 2008

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Drawing No.: **3369-2632** Issue: **A**

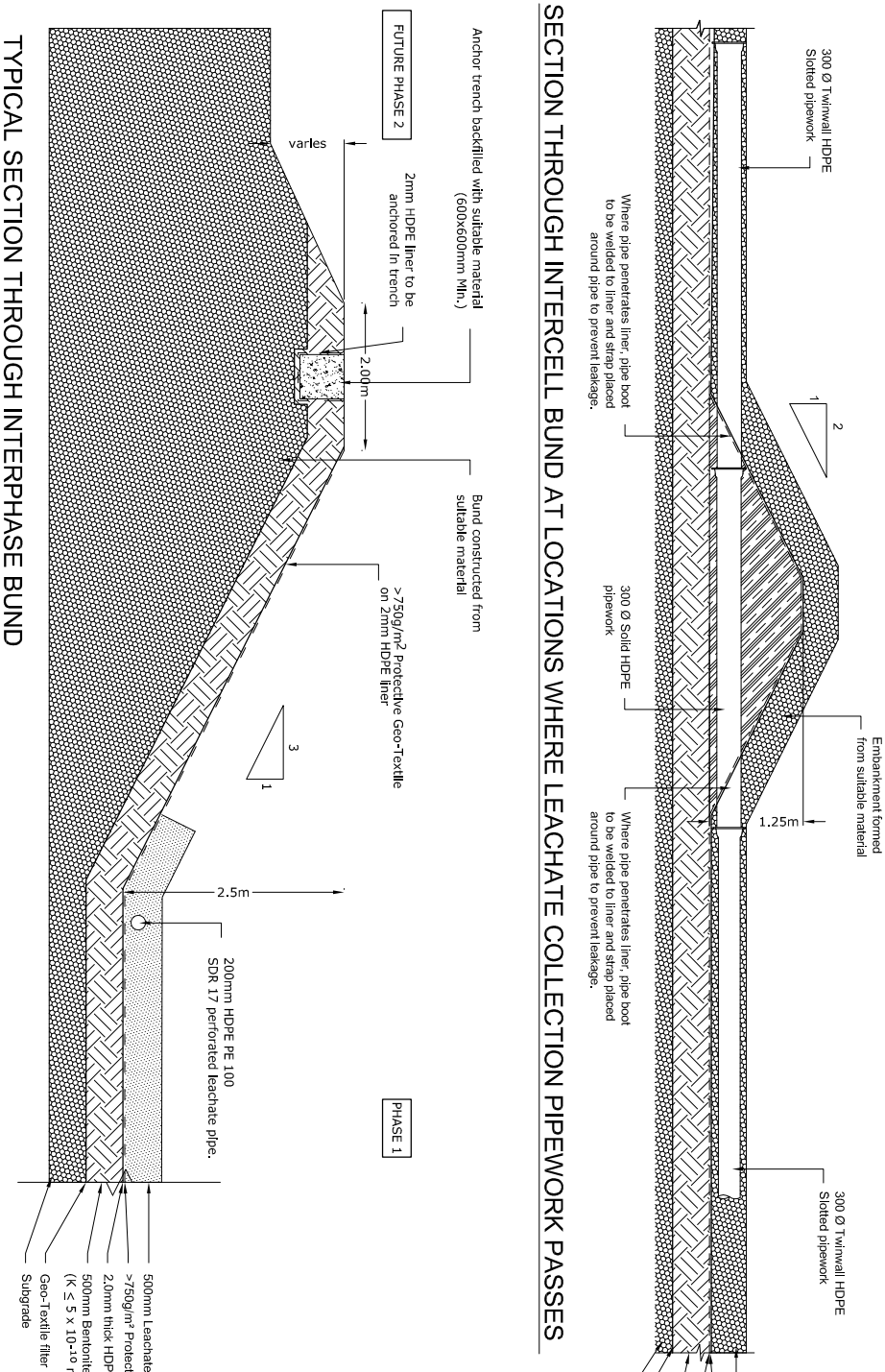


SECTION 1-1
SECTION THROUGH LEACHATE SUMP AND UPSLOPE RISER



SECTION 2-2
TYPICAL SECTION THROUGH BERM

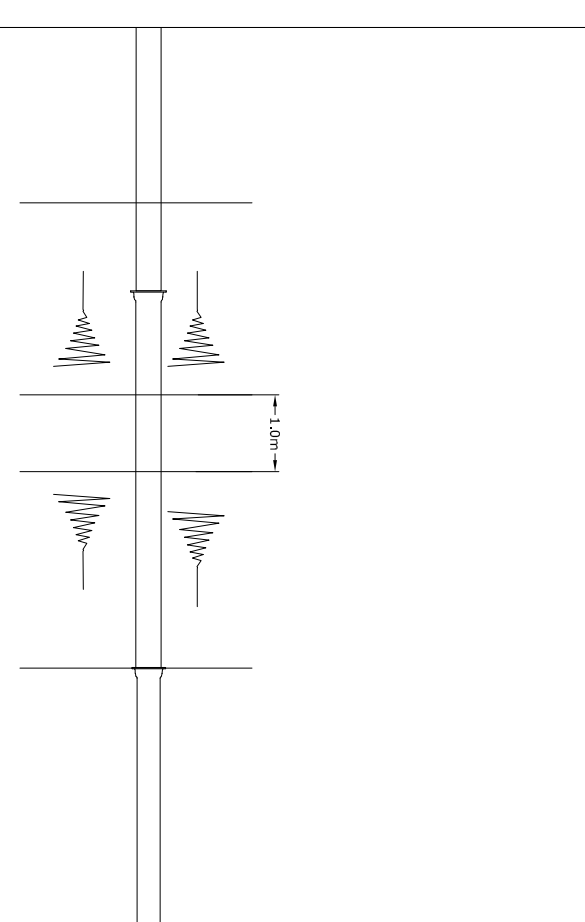
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SECTION THROUGH INTERCELL BUND AT LOCATIONS WHERE LEACHATE COLLECTION PIPEWORK PASSES

TYPICAL SECTION THROUGH INTERPHASE BUND

PLAN ON INTERCELL BUND AT LOCATIONS WHERE LEACHATE COLLECTION PIPEWORK PASSES



Issue	Date	Description	By	CHK
1	04-06-08	ISSUED FOR LICENCE REVIEW	MM	PGM

- NOTES
- FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING
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 - ENGINEER TO BE INFORMED BY THE CONTRACTOR OF ANY DISCREPANCIES BEFORE ANY WORK COMMENCES
 - ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALLEN HEAD

Client:
BORD NA MÓNA

Project:
INTENSIFICATION AND EXTENSION TO DREHD WASTE MANAGEMENT FACILITY

Title:
LINER AND EMBANKMENT DETAILS

Scale @ A3: **AS SHOWN**

Prepared by: **P. O'Neill** Date: **May 2008**

Checked by: **P. O'Neill**

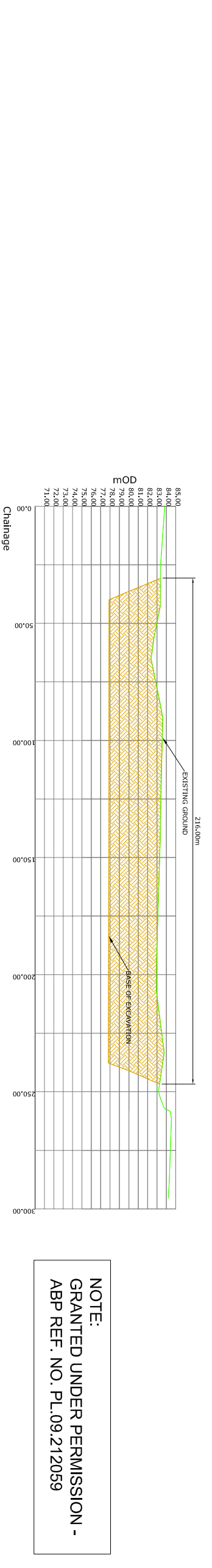
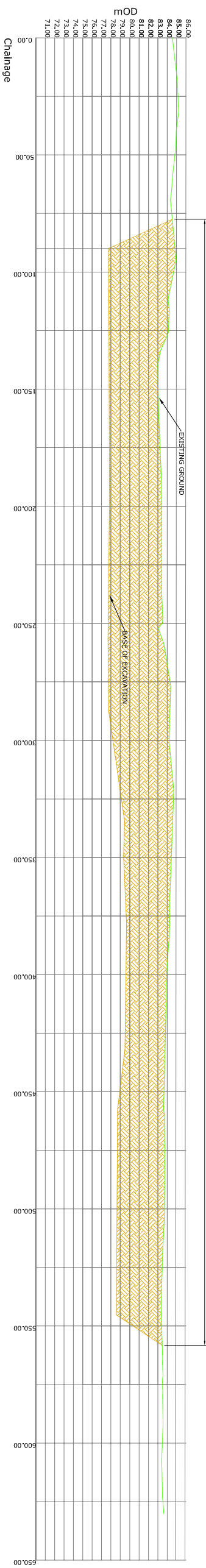
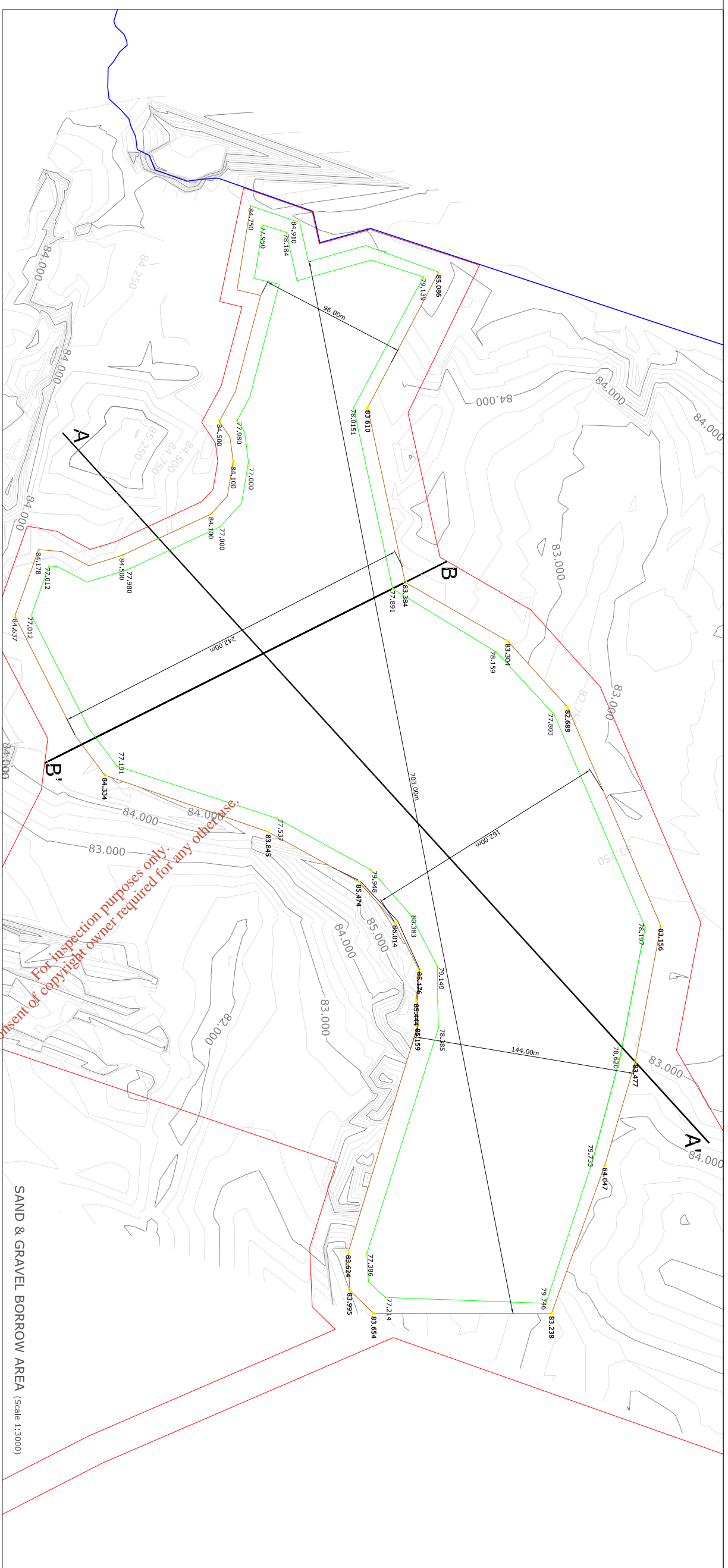
Project Director: **D. Glehan**

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Drawing No.: **3369-2633** Issue: **A**

GENERAL LEGEND
 LICENSED BOUNDARY
 TOP OF EMBANKMENT
 BOTTOM OF EMBANKMENT



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Issue	Date	Description	By	Chk
A	04-06-08	ISSUED FOR LICENCE REVIEW	MAN	POW

Client:
BORD NA MÓNA

Project:
 INTENSIFICATION AND
 EXTENSION TO DREHD WASTE
 MANAGEMENT FACILITY

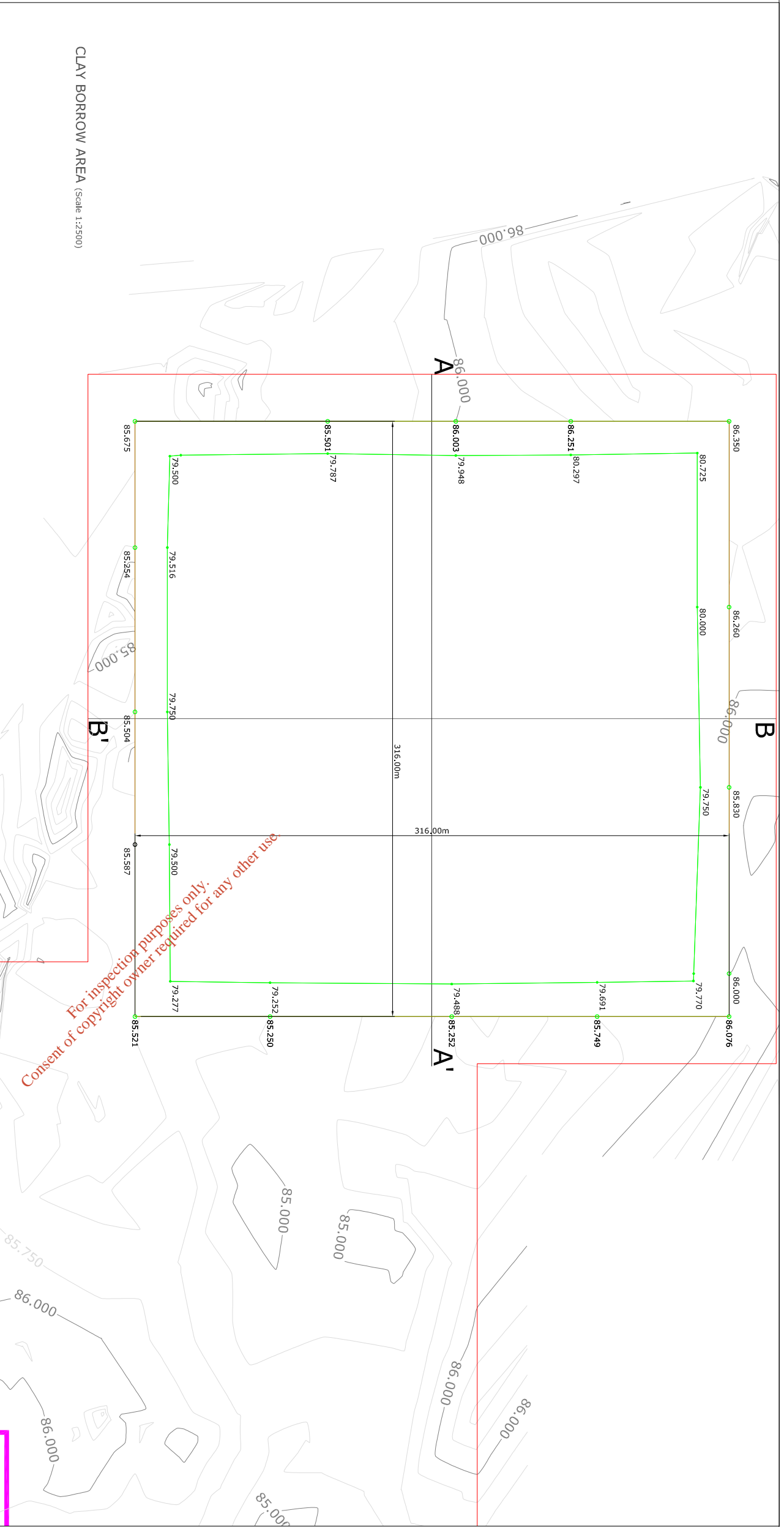
Title:
 PLAN AND SECTIONS
 THROUGH SAND & GRAVEL
 BORROW AREA

Scale @ A3: AS SHOWN
 Prepared by: M. Nollan
 Checked: P. O'Neill
 Date: May 2008
 Project Director: D. Grehan

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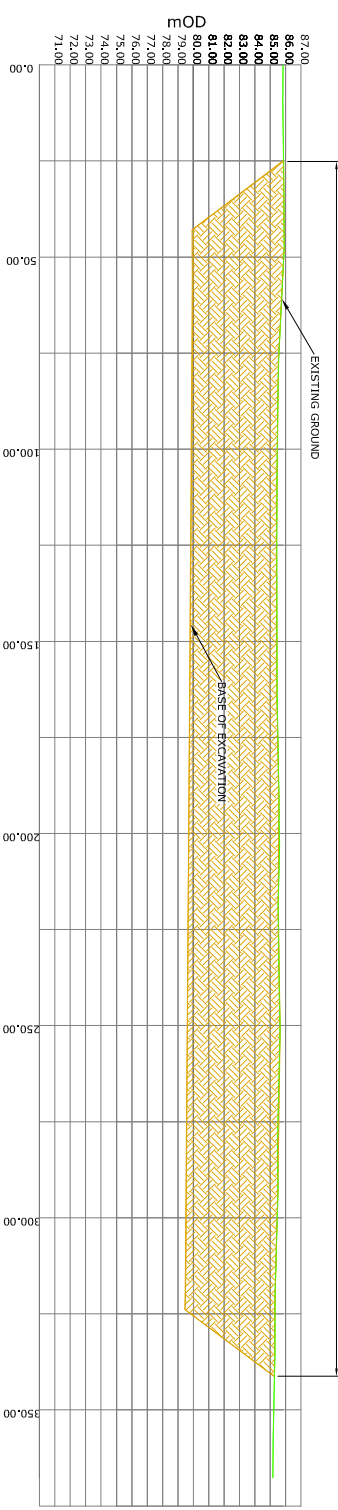
Drawing No.: 3369-2634
 Issue: A

GENERAL LEGEND
 LICENSED BOUNDARY
 TOP OF ENBAKMENT
 BOTTOM OF ENBAKMENT

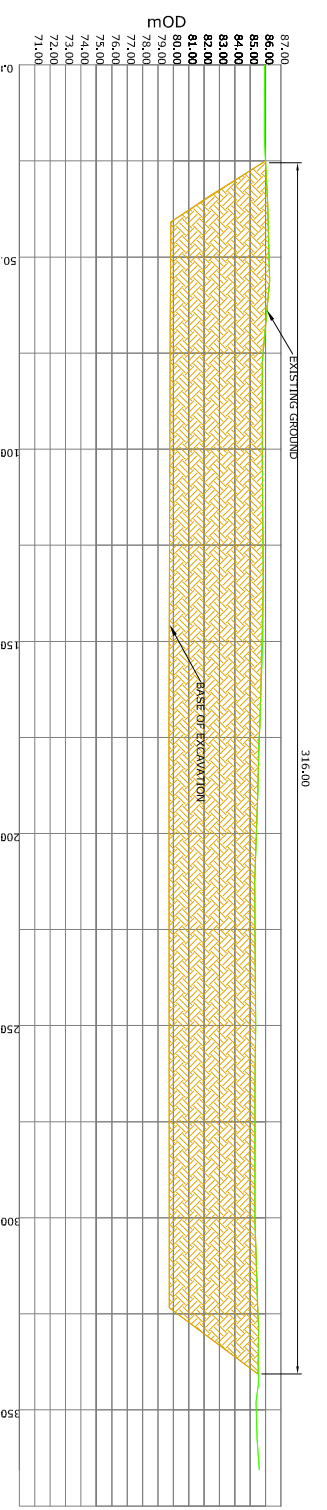


CLAY BORROW AREA (Scale 1:2500)

SECTION A - A' THROUGH CLAY BORROW AREA (Scale Horz 1:2000; Vert 1:500)



SECTION B - B' THROUGH CLAY BORROW AREA (Scale Horz 1:2000; Vert 1:500)



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Issue	Date	Description	By	CHKD
A	04.06.08	ISSUED FOR PLANNING	MM	PNW

Client:
BORD NA MÓNA

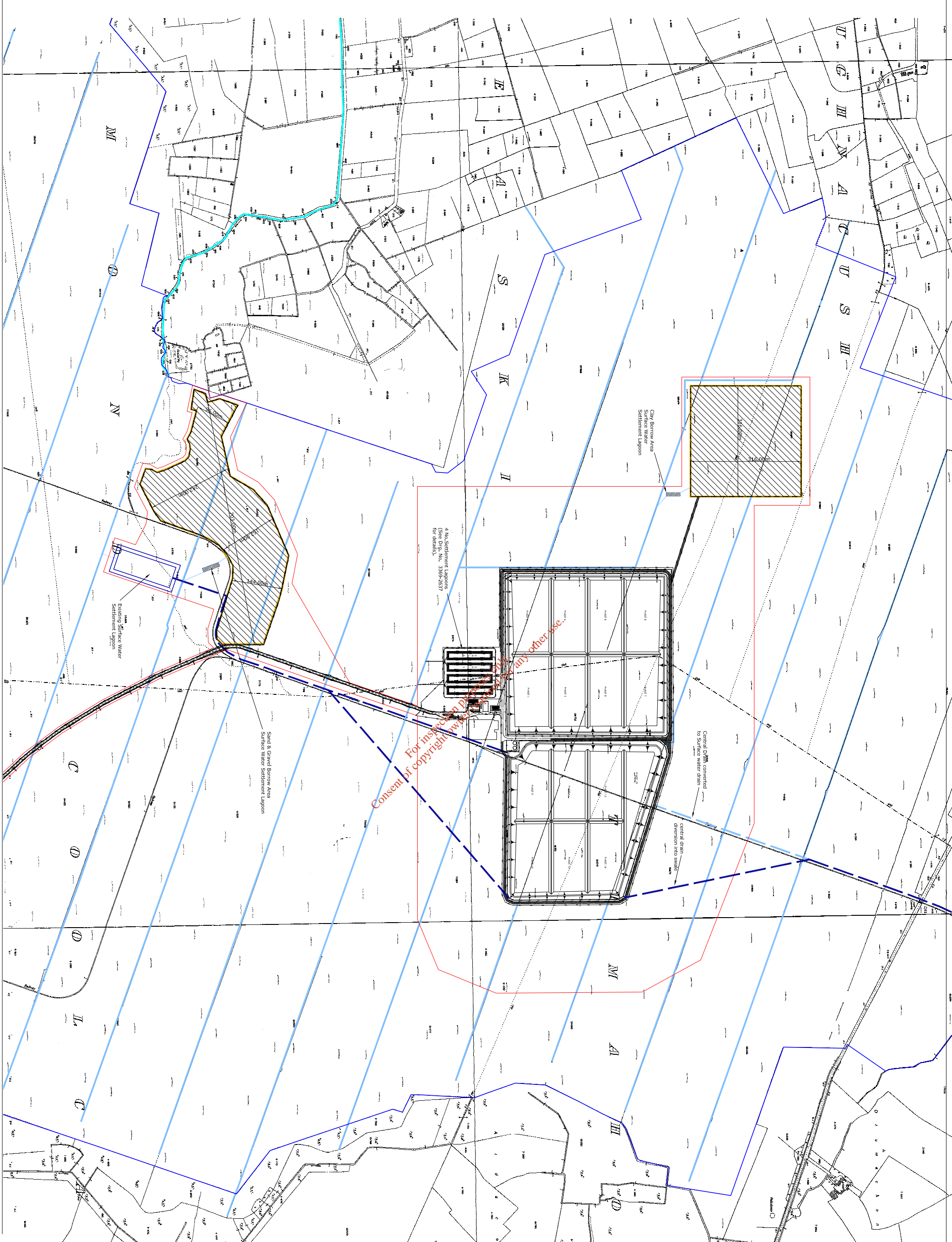
Project:
 INTENSIFICATION AND
 EXTENSION TO DREHID WASTE
 MANAGEMENT FACILITY

Title:
 PLAN AND SECTIONS
 THROUGH CLAY
 BORROW AREA

Scale @ A3: AS SHOWN
 Prepared by: M. NOLAN
 Checked: P. O'NEILL
 Date: May 2008
 Project Director: D. GREHAN

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Drawing No.: **3369-2635** Issue: **A**



Issue	Date	Description	By	CHKD
A	04-04-08	ISSUED FOR LICENCE REVIEW	MN	PNM

Client:
BORO NA MÓNA

Project:
INTENSIFICATION AND EXTENSION TO DREHID WASTE MANAGEMENT FACILITY

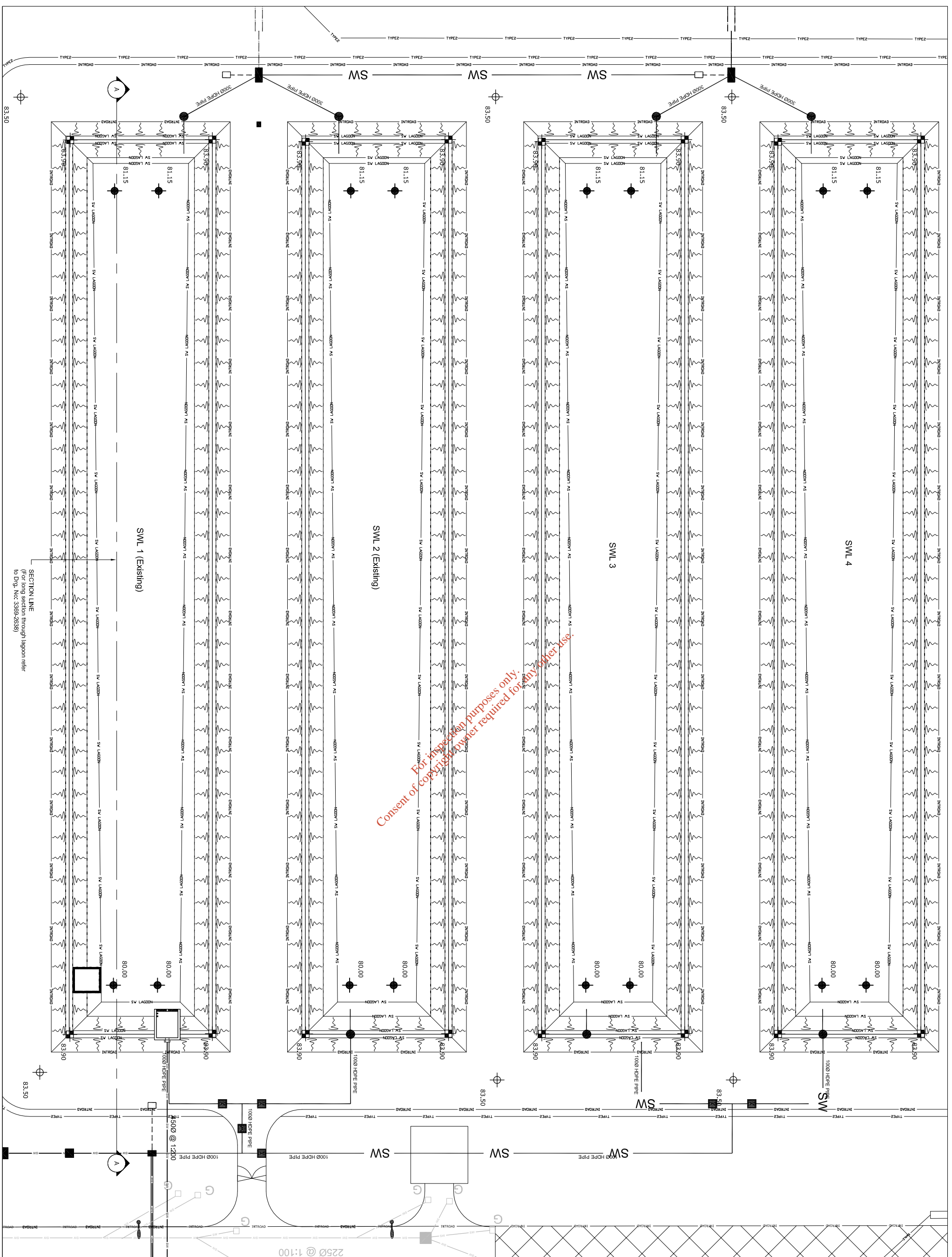
Title:
SITE DRAINAGE LAYOUT

Scale @ A3: 1:10,000
Prepared by: M. Nolan
Checked: P. O'Neill
Date: April 2008
Project Director: D. Grehan



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Drawing No.: **3369-2636** Issue: **A**



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GENERAL LEGEND

- LICENSED BOUNDARY
- EXTENTS OF LANDFILL
- EXTENTS OF BORROW AREA
- EXISTING CONTOUR
- 110

DRAINAGE LEGEND

- EXTENTS OF SURFACE WATER LAGOON AND ENGINEERED WETLAND
- FLOOD DRAINAGE AND LEACHATE COLLECTION NETWORK
- FRENCH DRAIN
- EXTENTS OF SWALE AND PERFORATED PIPE SWALE
- PERFORATED LEACHATE COLLECTION NETWORK

FENCING LEGEND

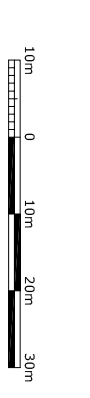
- TYPE 1 FENCING - POST & RAIL TYPE FENCE
- TYPE 2 FENCING - CHAINLINK TYPE FENCE
- TYPE 3 FENCING - SQUIDNET TYPE FENCE

SYMBOLS LEGEND

- PG1 SPOT HEIGHTS PROPOSED GROUND
- PG2 SPOT HEIGHTS ON DRAINAGE STONE
- PG3 SPOT HEIGHTS ON LANDFILL FORMATION
- PG4 SPOT HEIGHTS ON TOP OF BANK
- EMBANKMENT

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. SWL 1 AND SWL 2 PERMISSION GRANTED AND CONSTRUCTED



Issue	Date	Description	MAINT	D.C
A	04-06-08	ISSUED FOR LICENSE REVIEW		

Client:
BORD NA MÓNA

Project:
INTENSIFICATION AND EXTENSION TO DREHID WASTE MANAGEMENT FACILITY

Title:
TYPICAL SURFACE WATER SETTLEMENT LAGOON FORMATION LEVELS

Scale @ A3: **1:500**

Prepared by: **M. Nolan** Checked: **D. Connellan** Date: **May 2008**

Project Director: **D. Grehan**

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Drawing No.: **3369-2637** Issue: **A**

GENERAL LEGEND

LICENSED BOUNDARY

EXTENTS OF LANDFILL

EXTENTS OF BORROW AREA

EXISTING CONTOUR

ROAD CENTRELINE

EXTENTS OF EMBANKMENTS AND ROADSIDE DRENCHES

EXTENTS OF ANTI EROSION ROAD LANDFILL

OVERHEAD ESB LINE

EXTENTS OF KERB

DRAINAGE LEGEND

EXTENTS OF SURFACE WATER LAGOON AND ENGINEERED WETLAND

FLOOD DRAINAGE AND LEACHATE COLLECTION NETWORK

FRENCH DRAIN

EXTENTS OF SMALL SAND PERFORATED PIPE

PERFORATED LEACHATE COLLECTION NETWORK

FENCING LEGEND

TYPE 1 FENCING - POST & RAIL TYPE FENCE

TYPE 2 FENCING - CHAINLINK TYPE FENCE

TYPE 3 FENCING - SECURITY TYPE FENCE

SYMBOLS LEGEND

FG3 SPOT HEIGHTS PROPOSED GROUND

FG4 SPOT HEIGHTS ON DRAINAGE STONE

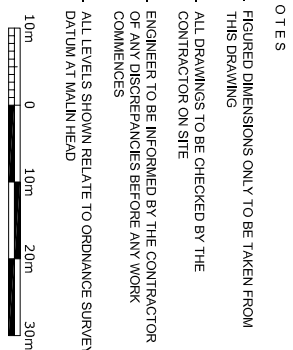
FG1 SPOT HEIGHTS ON LANDFILL FORMATION

FG2 SPOT HEIGHTS ON TOP OF BANK

EMBANKMENT

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
D	04-06-08	ISSUED FOR LICENCE REVIEW	M.N	D.C

Client: **BORD NA MÓNA**

Project: **INTENSIFICATION AND EXTENSION TO DREHD WASTE MANAGEMENT FACILITY**

Title: **SURFACE WATER SETTLEMENT LAGOON LONG SECTION**

Scale @ A3: **1:500**

Prepared by: **M. Nolan** Checked: **D. Conneran** Date: **May 2008**

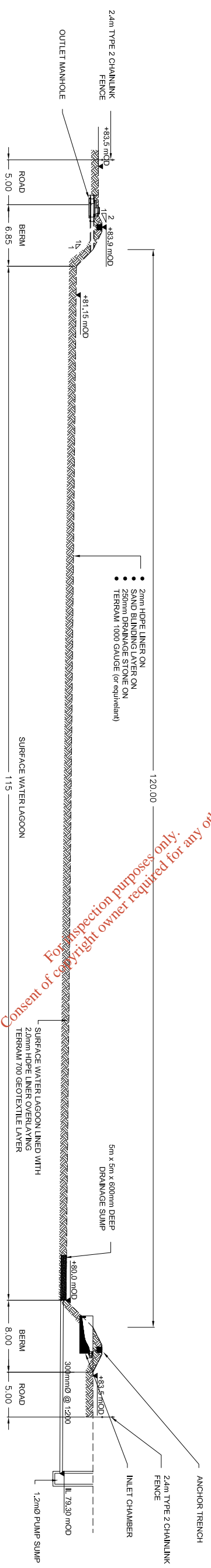
Project Director: **D. Grehan**

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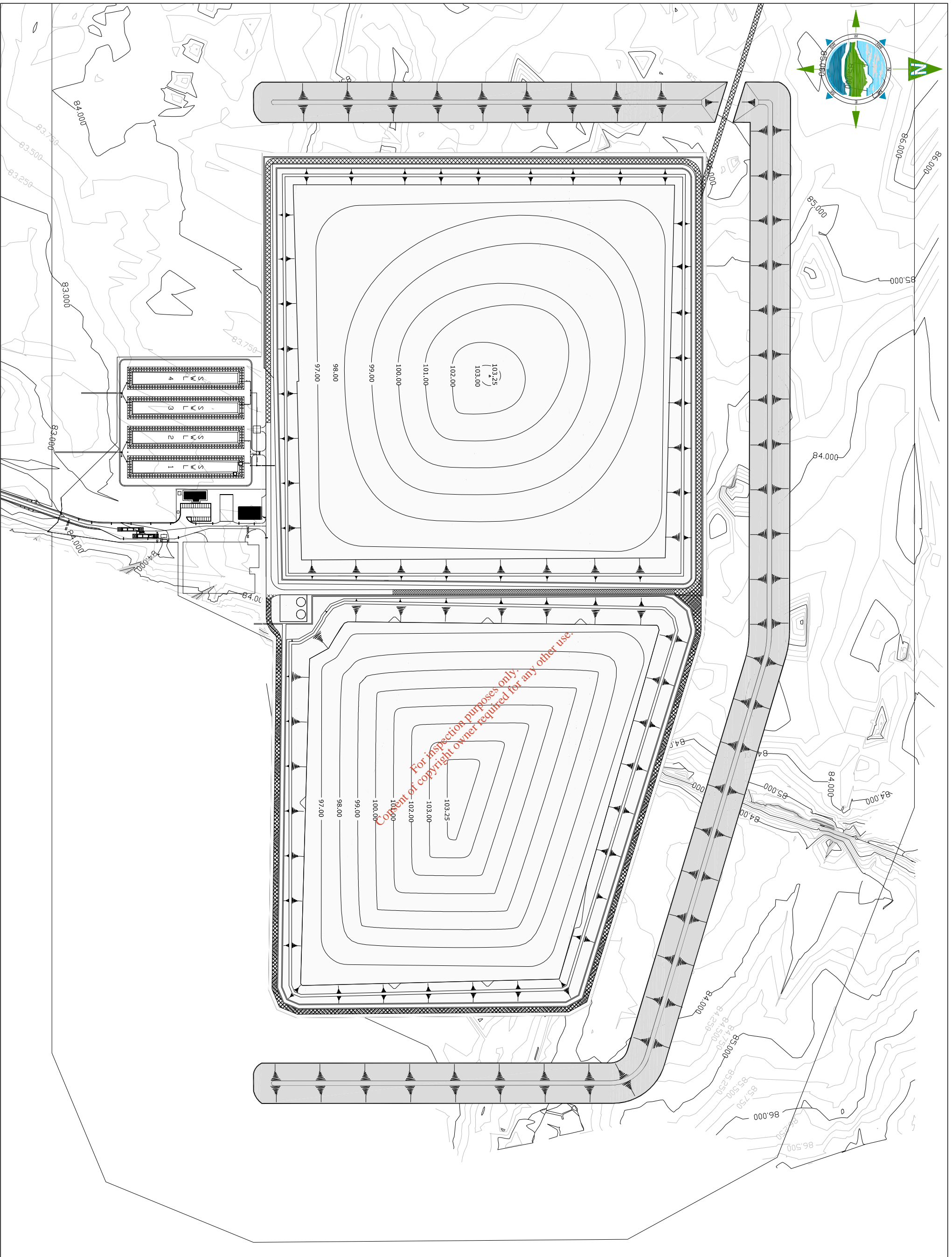
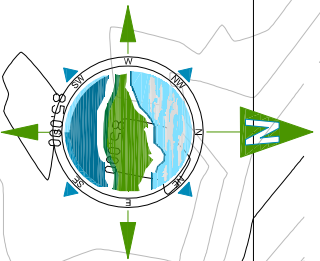
Drawing No.: **3369-2638** Issue: **A**

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SECTION A-A THROUGH SURFACE WATER LAGOON



- 2mm HDPE LINER ON
- SAND BLINDING LAYER ON
- 250mm TERRAM 1000 GEOTEXTILE LAYER ON



GENERAL LEGEND

EXISTING MAJOR CONTOUR	86.00	EXISTING MINOR CONTOUR	86.25
PROPOSED FINAL CAP CONTOUR	98.00	EMBANKMENT	

- 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	04-06-08	ISSUED FOR LICENCE REVIEW	NN	PCN

Client:
BORD NA MÓNA
 Project:
INTENSIFICATION AND EXTENSION TO DREHD WASTE MANAGEMENT FACILITY

Title:
FINAL RESTORATION LEVELS

Scale @ A3: **1:4,000**

Prepared by:	M. Nolan	Checked:	P. O'Neill	Date:	May 2008
Project Director:	D. Grehan				

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Drawing No.: **3369-2639** Issue: **A**