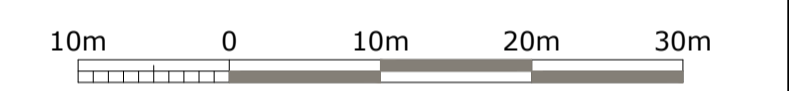
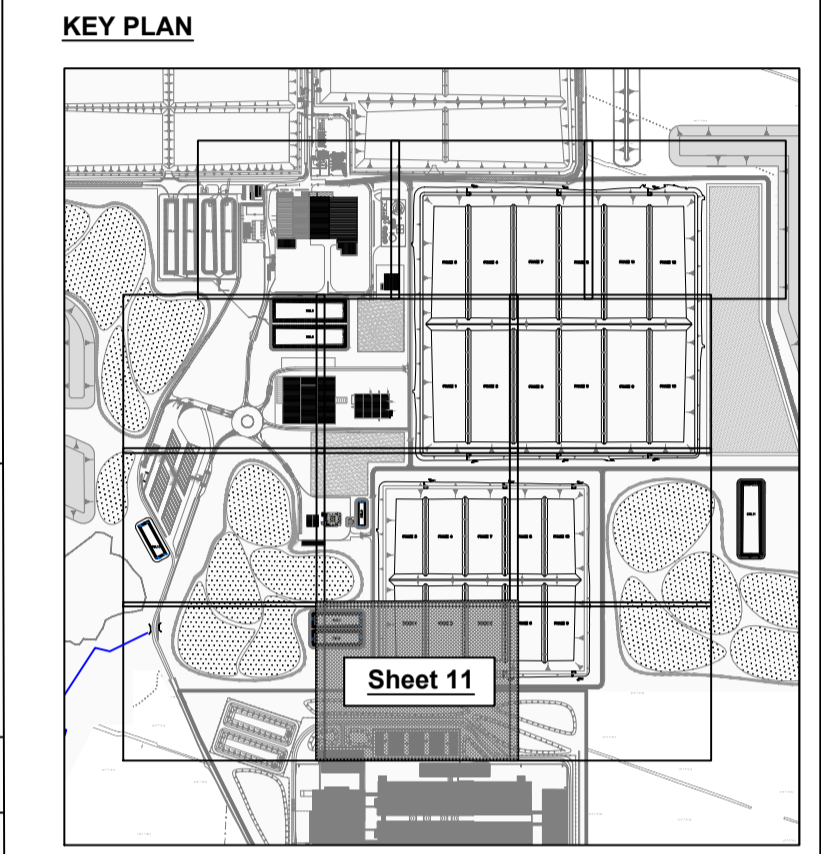


**GENERAL LEGEND**

BORD NA MÓNA OWNERSHIP BOUNDARY	APPLICATION BOUNDARY
PROPOSED SURFACE WATER SWALE	PROPOSED LEACHATE COLLECTION NETWORK
PROPOSED FOUL GRAVITY MAIN	PROPOSED FOUL RISING MAIN
PROPOSED SURFACE WATER NETWORK	PROPOSED SURFACE WATER FILTER DRAIN
PROPOSED WATERMAIN	PROPOSED FIREMAIN
PROPOSED 6 WAY ESB & COMMS DUCT	PROPOSED HYDRANT



Rev	Date	Description	By	Chkd.
A	Dec. '17	PLANNING ISSUE	EW	DC

Client: **BORD NA MÓNA**  
Naturally Driven

Project: **PROPOSED DEVELOPMENT AT DREHID WASTE MANAGEMENT FACILITY**

Title: **DRAINAGE & UTILITIES LAYOUT PLAN - Sheet 11 of 12 -**

Scale @ A1: **1:500**

Prepared by: **M. Nolan**      Checked: **A. Austin**      Date: **December 2017**

Project Director: **D. Grehan**

Drawing Status: **Planning**

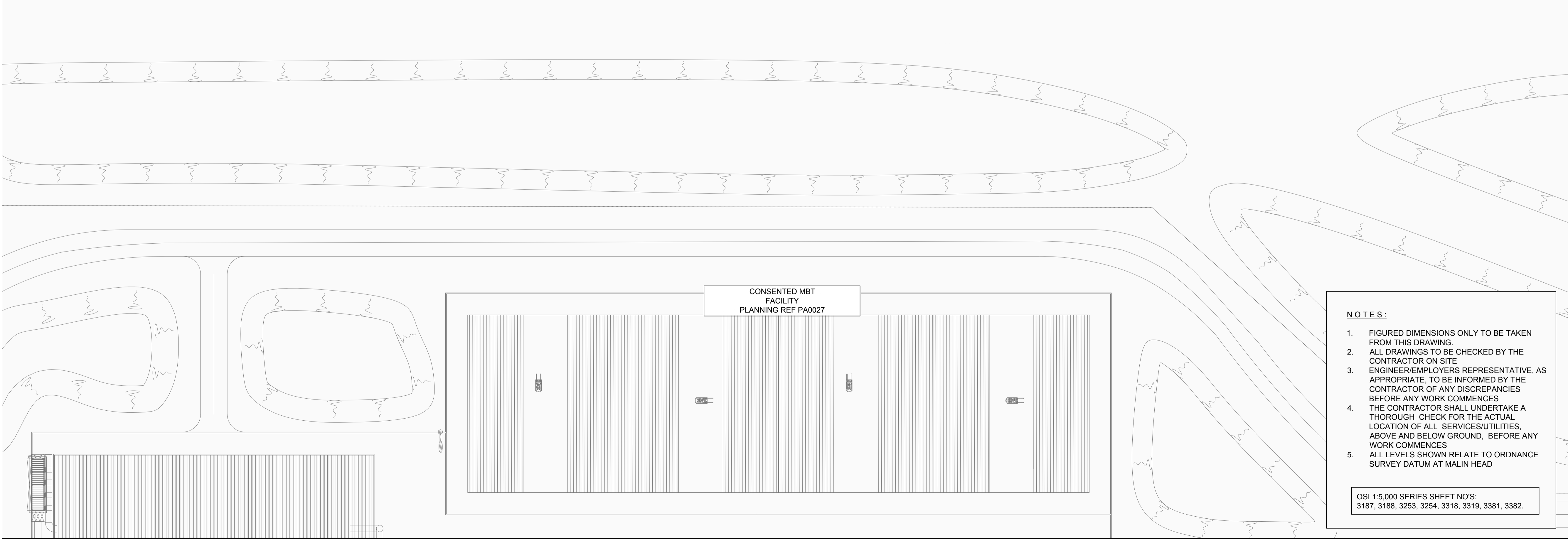
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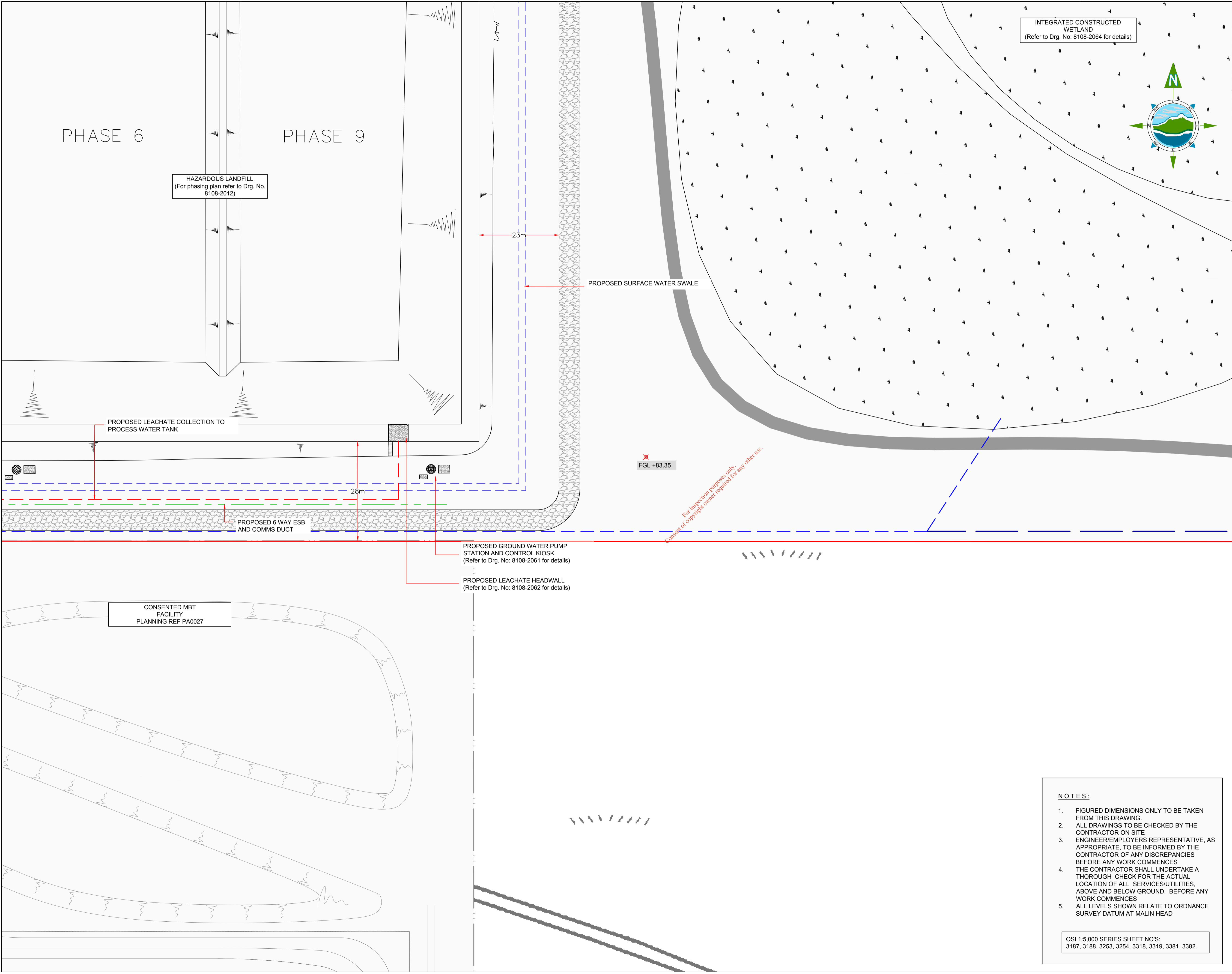
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fax: +353-(0)1-8030409  
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- ENGINEER/EMPLOYERS REPRESENTATIVE, AS APPROPRIATE, TO BE INFORMED BY THE CONTRACTOR OF ANY DISCREPANCIES BEFORE ANY WORK COMMENCES
- THE CONTRACTOR SHALL UNDERTAKE A THOROUGH 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

OSI 1:5,000 SERIES SHEET NO'S:  
3187, 3188, 3253, 3254, 3318, 3319, 3381, 3382.





INTEGRATED CONSTRUCTED WETLAND  
(Refer to Drg. No. 8108-2064 for details)

HAZARDOUS LANDFILL  
(For phasing plan refer to Drg. No. 8108-2012)

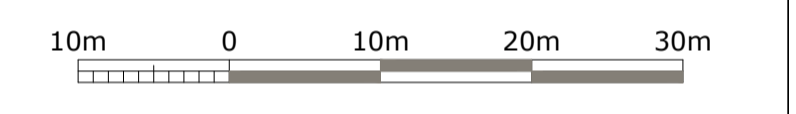
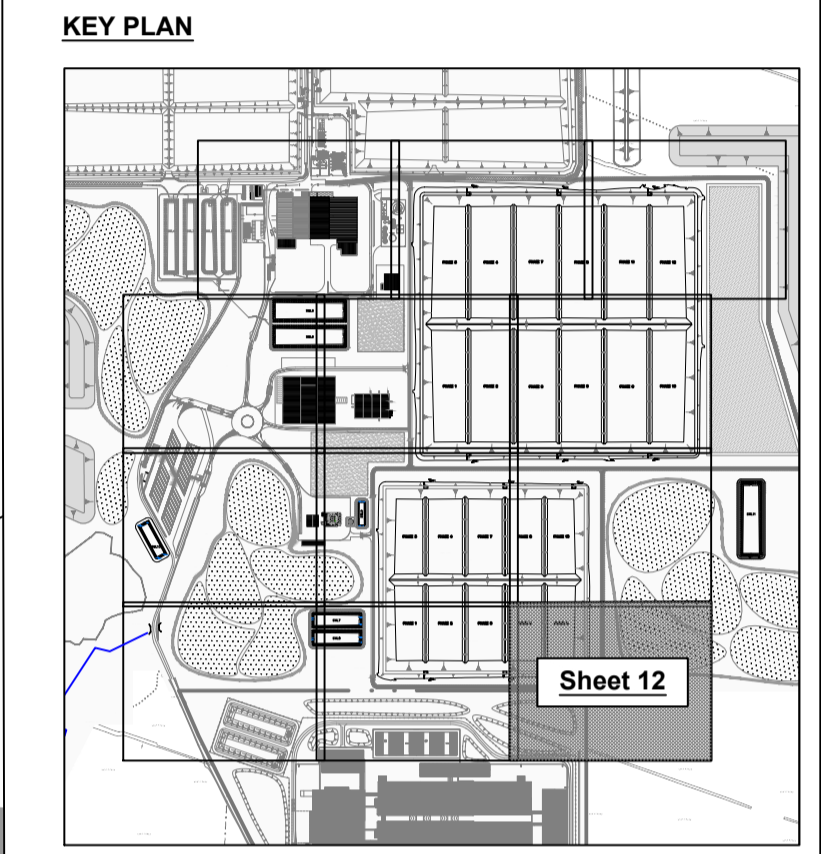
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PLANNING REF PA0027

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**GENERAL LEGEND**

BORD NA MÓNA OWNERSHIP BOUNDARY	APPLICATION BOUNDARY
PROPOSED SURFACE WATER SWALE	PROPOSED LEACHATE COLLECTION NETWORK
PROPOSED FOUL GRAVITY MAIN	PROPOSED FOUL RISING MAIN
PROPOSED SURFACE WATER NETWORK	PROPOSED SURFACE WATER FILTER DRAIN
PROPOSED WATERMAIN	PROPOSED FIREMAIN
PROPOSED 6 WAY ESB & COMMS DUCT	PROPOSED HYDRANT



Rev	Date	Description	By	Chkd.
A	Dec. '17	PLANNING ISSUE	EW	DC

Client: **BORD NA MÓNA**  
Naturally Driven

Project: **PROPOSED DEVELOPMENT AT DREHID WASTE MANAGEMENT FACILITY**

Title: **DRAINAGE & UTILITIES LAYOUT PLAN - Sheet 12 of 12 -**

Scale @ A1: **1:500**  
Prepared by: M. Nolan  
Checked: A. Austin  
Date: December 2017  
Project Director: D. Grehan  
Drawing Status: Planning

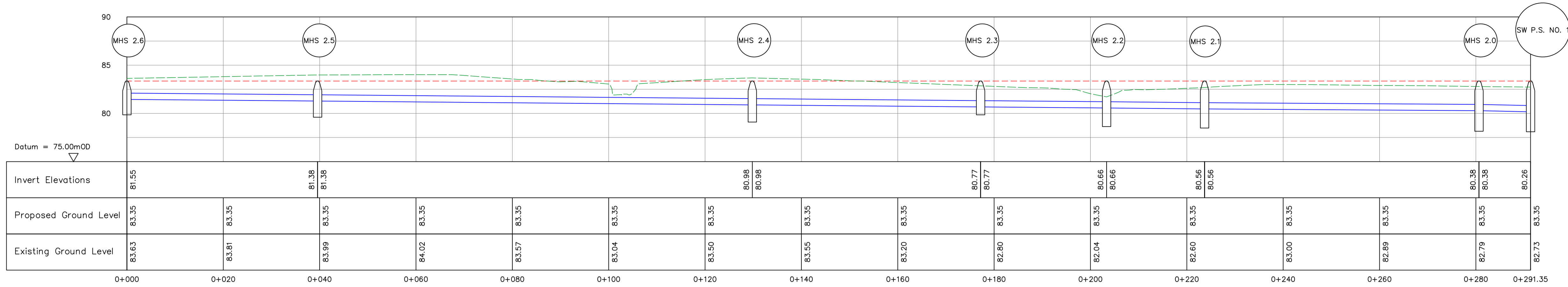
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- NOTES:**
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  - ALL LEVELS SHOWN RELATE TO ORDNANCE SURVEY DATUM AT MALIN HEAD

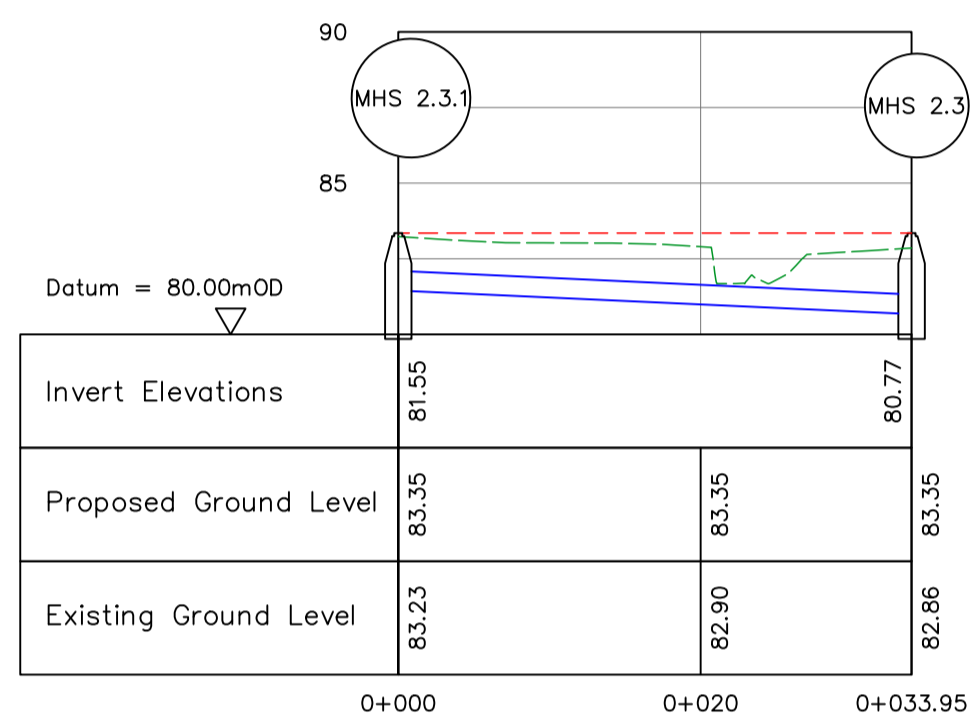
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Revision: **8108-2028 A**

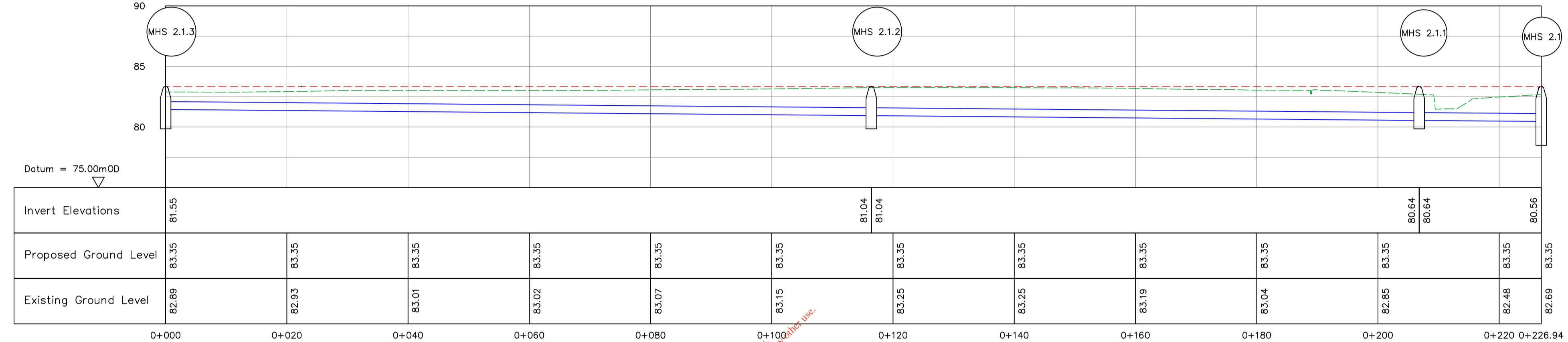




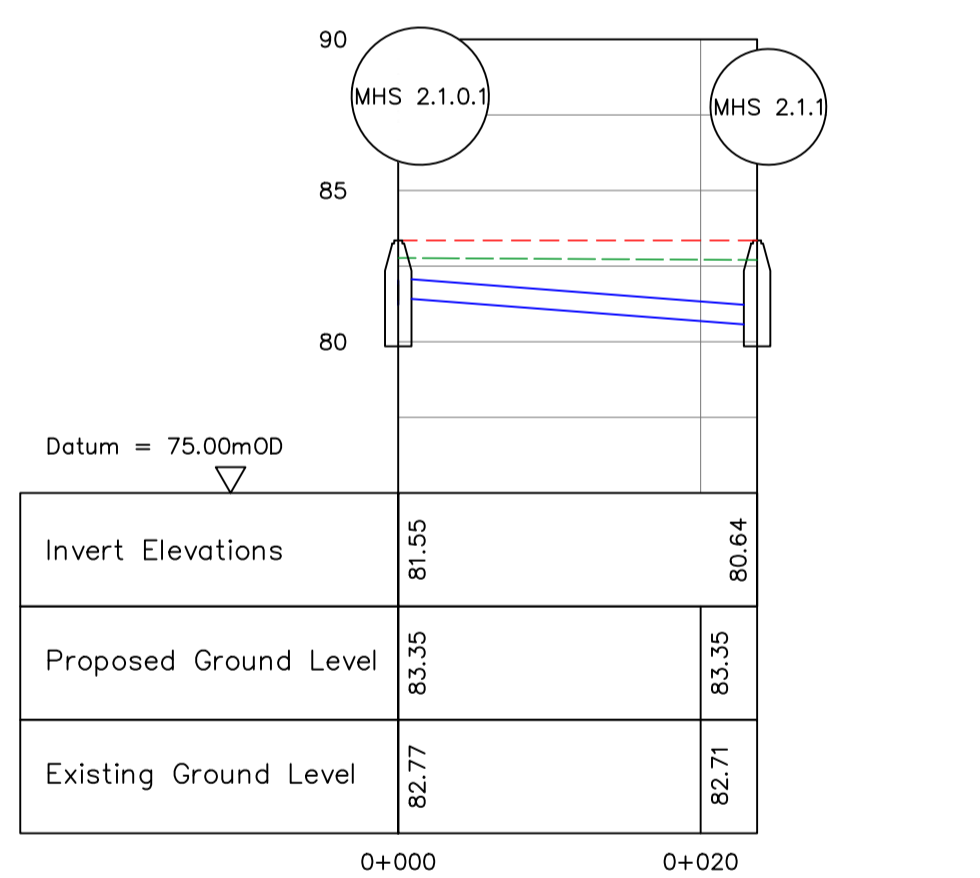
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- LONGITUDINAL SECTION MHS 2.6 TO SW P.S. NO. 1



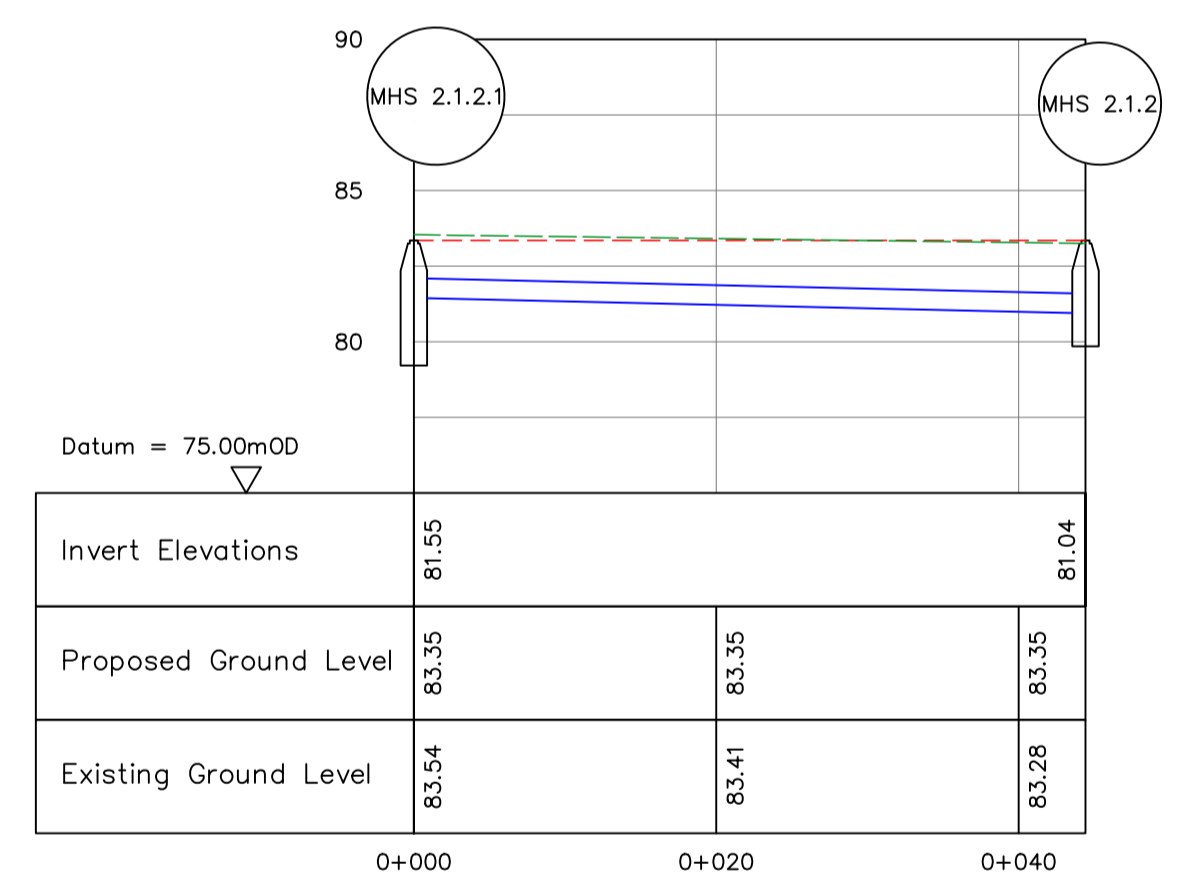
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- LONGITUDINAL SECTION MHS 2.3.1 TO MHS 2.3



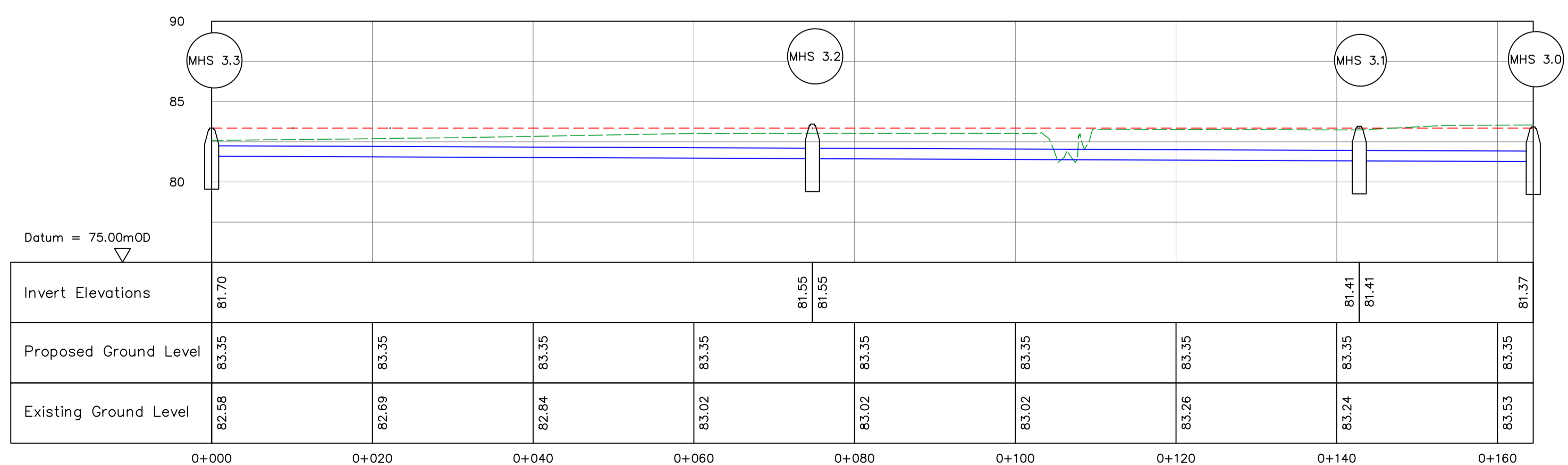
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- LONGITUDINAL SECTION MHS 2.1.3 TO MHS 2.1



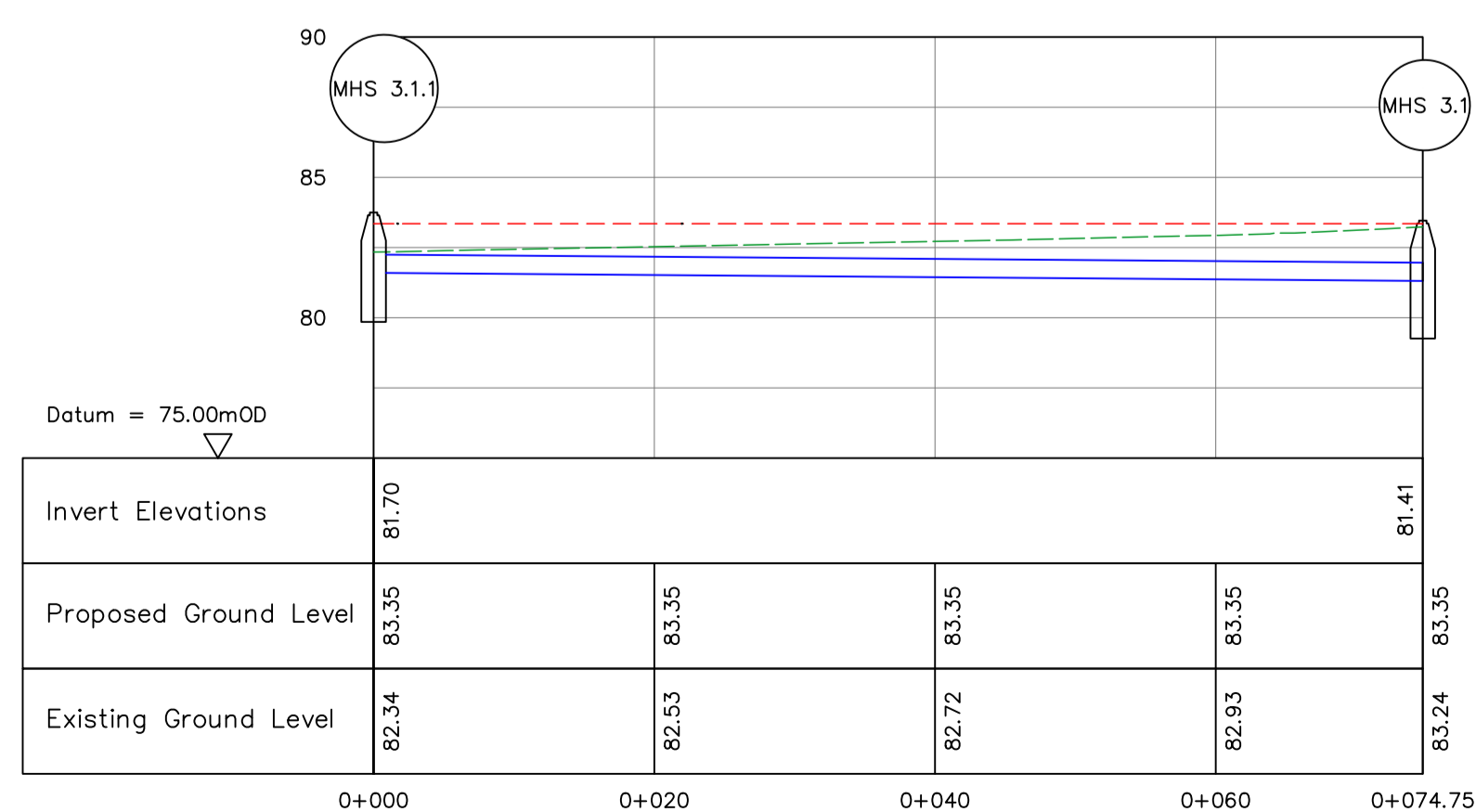
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- LONGITUDINAL SECTION MHS 2.1.0.1 TO MHS 2.1.1



**SURFACE WATER NETWORK NO. 2**  
- LONGITUDINAL SECTION MHS 2.1.2.1 TO MHS 2.1.2



**SURFACE WATER NETWORK NO. 3**  
- LONGITUDINAL SECTION MHS 3.3 TO MHS 3.0



**SURFACE WATER NETWORK NO. 3**  
- LONGITUDINAL SECTION MHS 3.1.1 TO MHS 3.1

**LEGEND:**  
 EXISTING GROUND PROFILE  
 PROPOSED GROUND PROFILE  
 PROPOSED SURFACE WATER PIPE

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Rev	Date	Description	By	Chkd.
A	Dec. '17	PLANNING ISSUE	MN	DC

Client: **BORD NA MÓNA**  
Naturally Driven

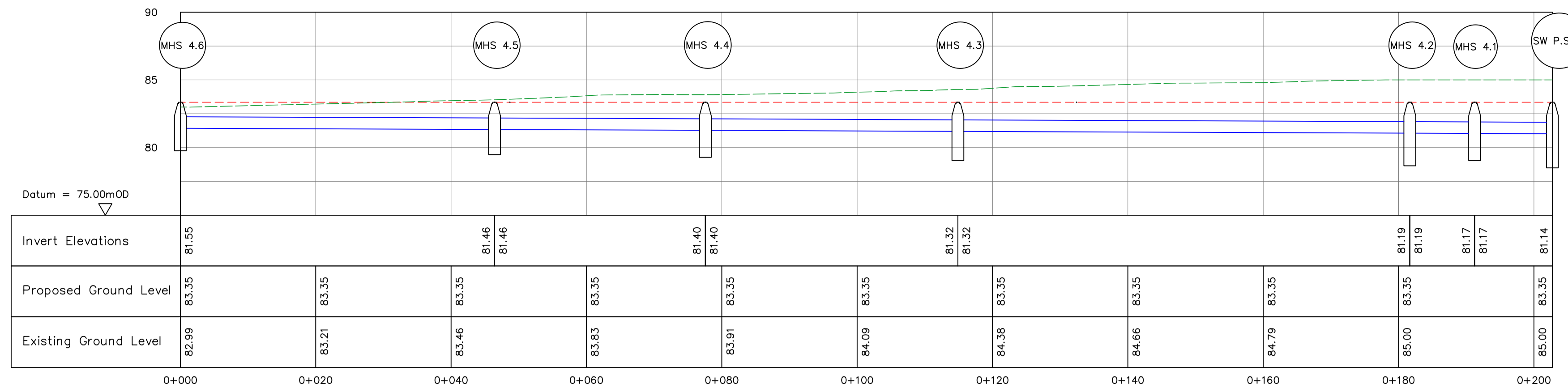
Project: **PROPOSED DEVELOPMENT AT DREHID WASTE MANAGEMENT FACILITY**

Title: **SURFACE WATER DRAINAGE LONGITUDINAL SECTIONS - Sheet 2 of 3 -**

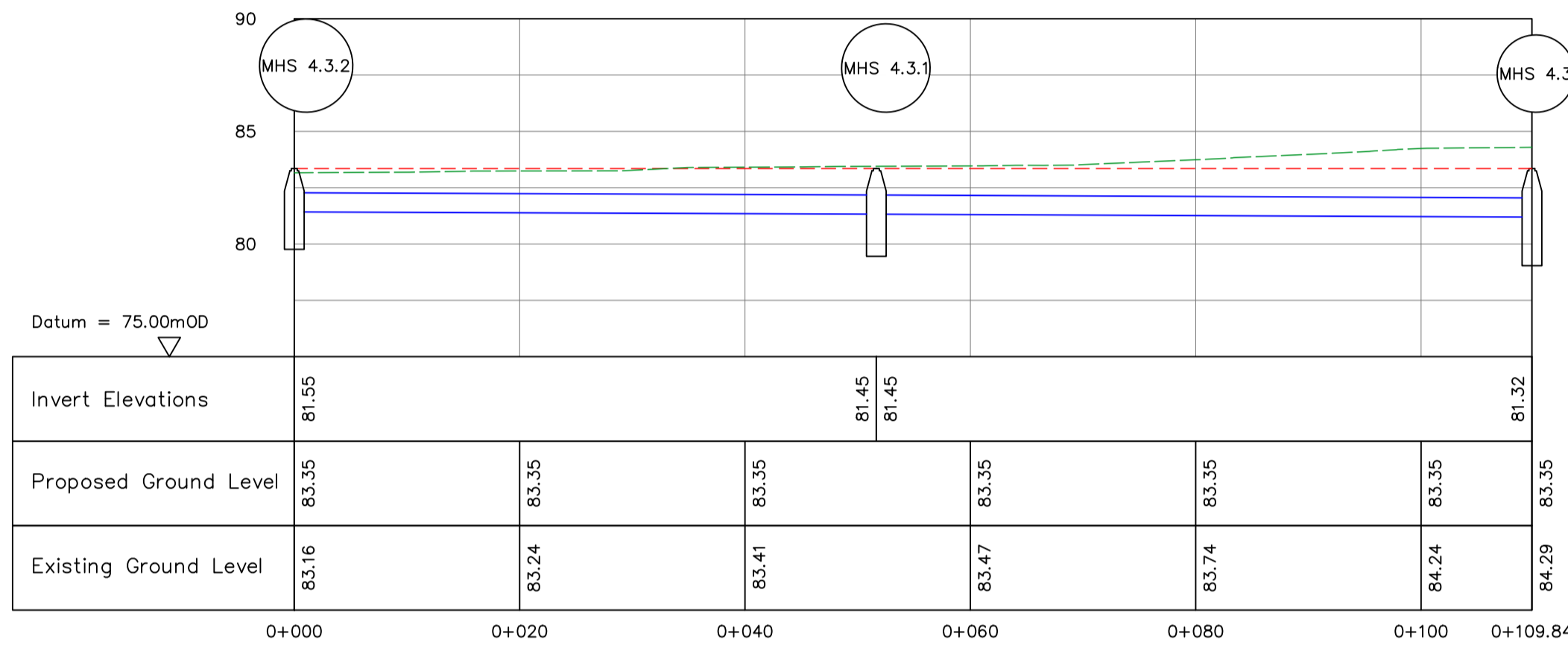
Scale @ A1: H = 1:500 / V = 1:250  
 Prepared by: M. Nolan  
 Checked: A. Austin  
 Date: December 2017  
 Project Director: D. Grehan  
 Drawing Status:

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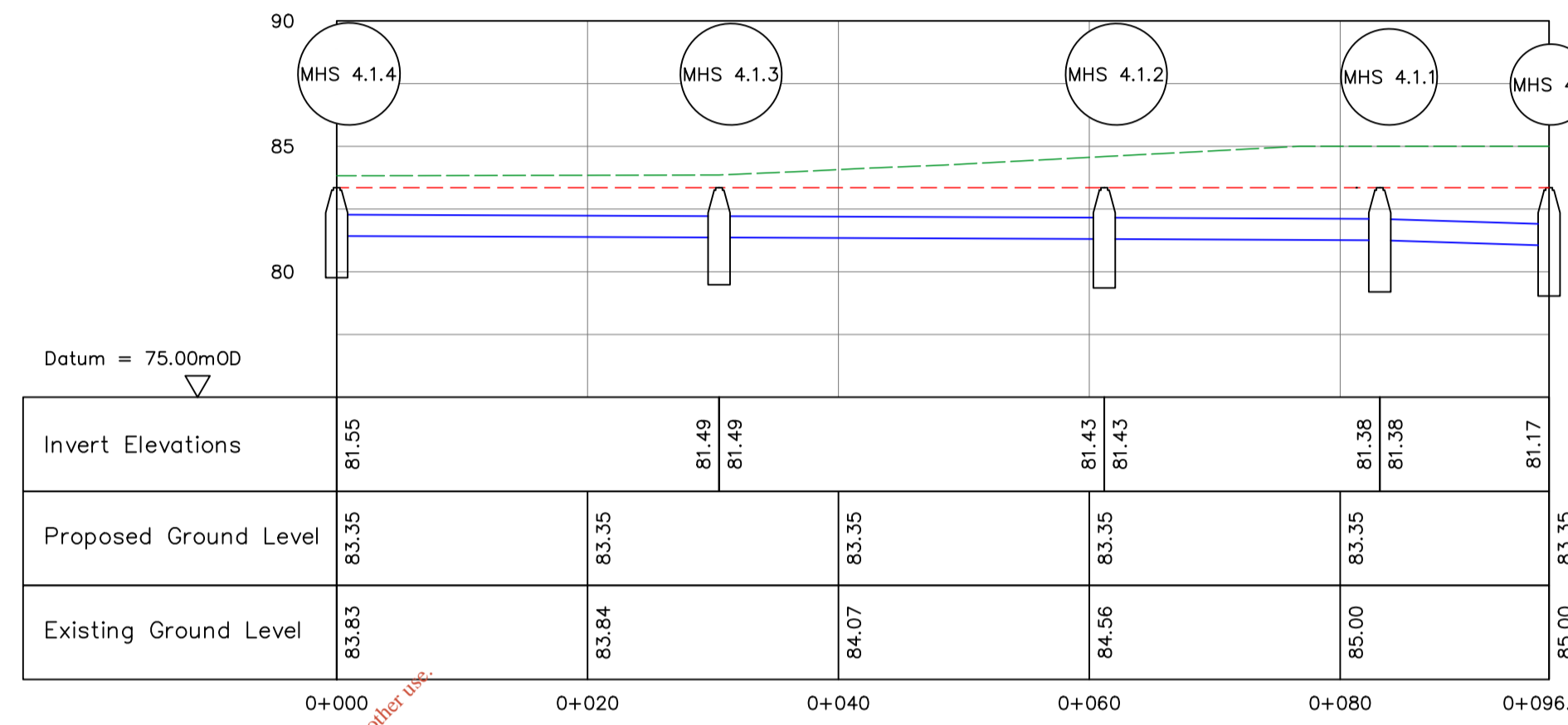
Drawing No.: **8108-2030** Revision: **A**



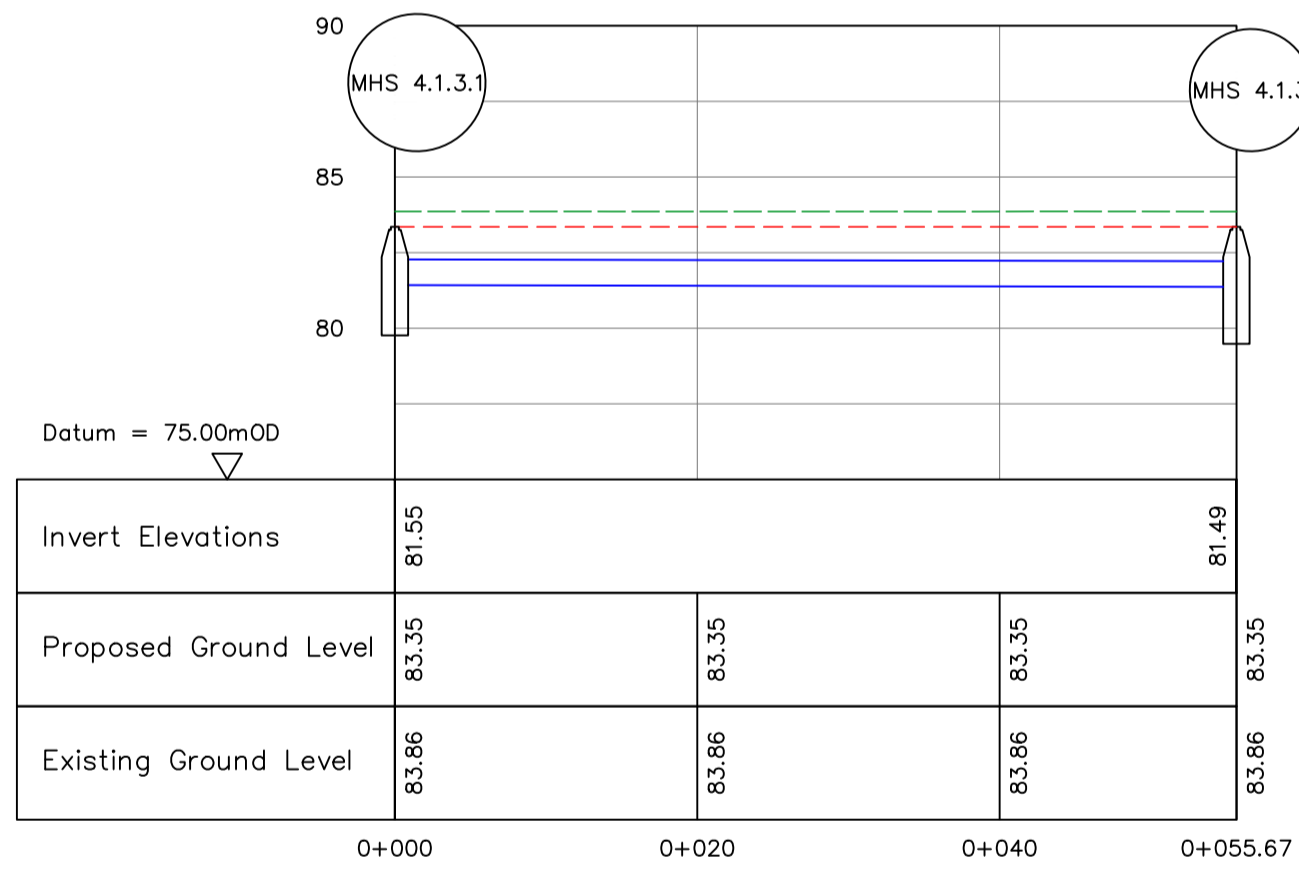
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- LONGITUDINAL SECTION MHS 4.6 TO SW P.S. 2



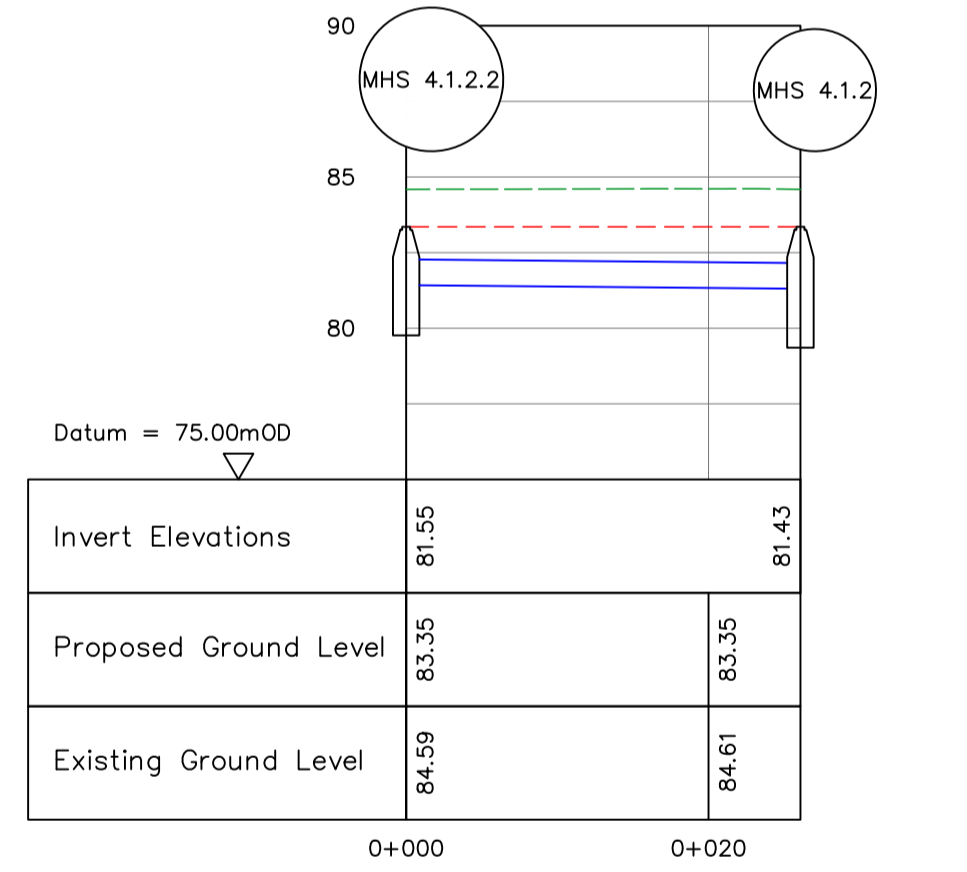
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- LONGITUDINAL SECTION MHS 4.3.2 TO MHS 4.3



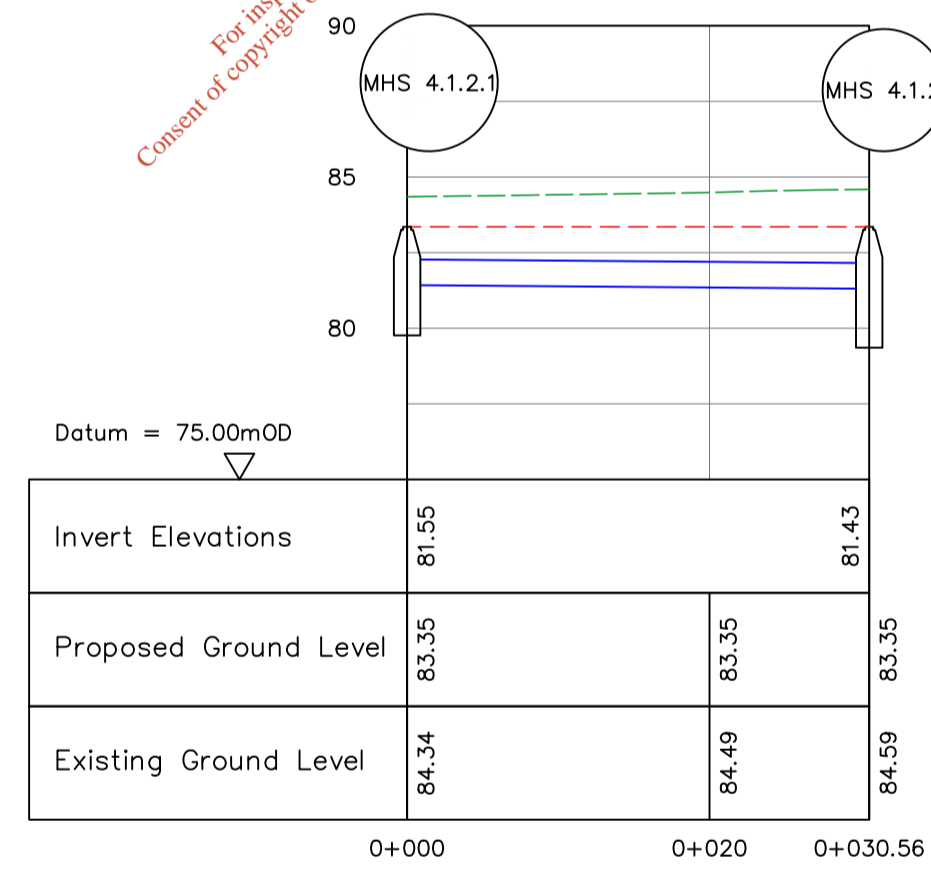
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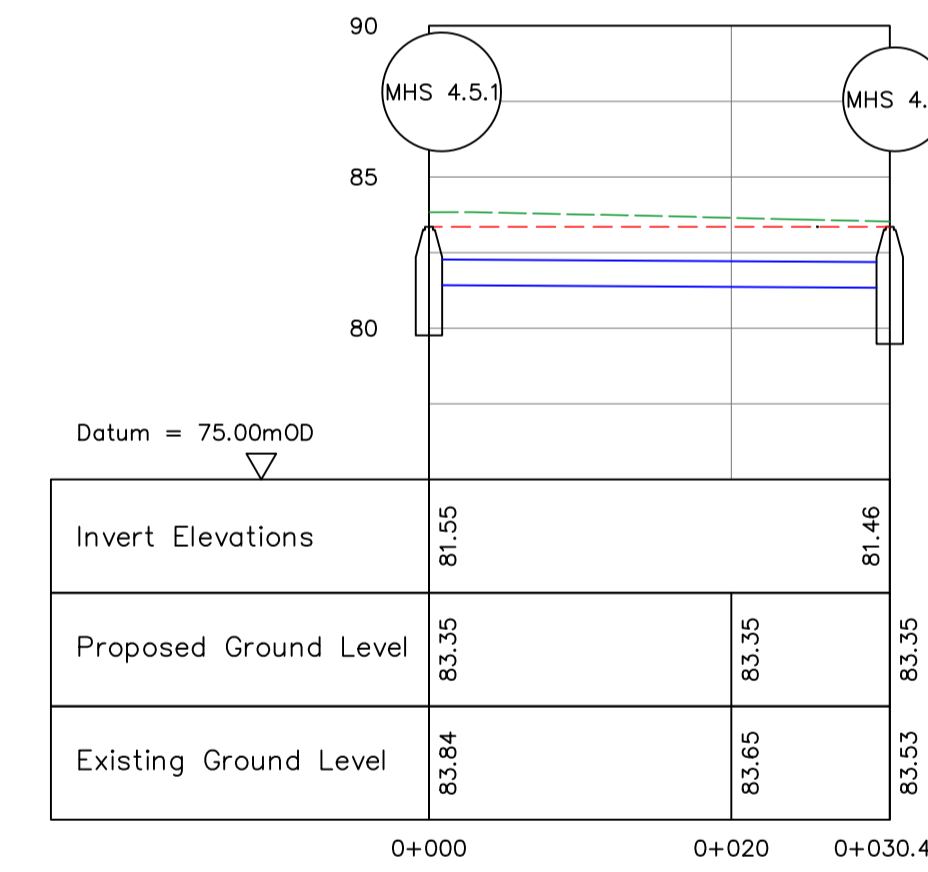
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- LONGITUDINAL SECTION MHS 4.1.3.1 TO MHS 4.1.3



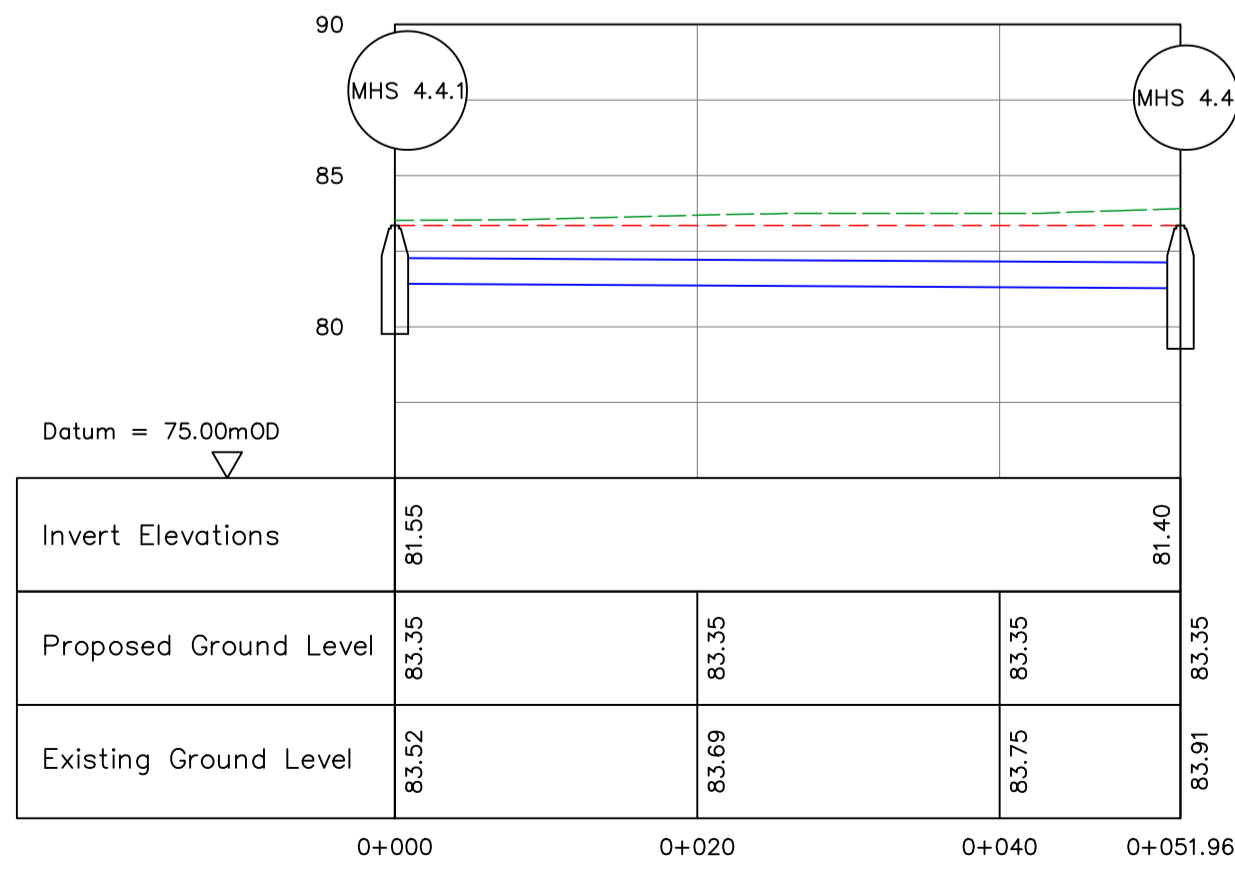
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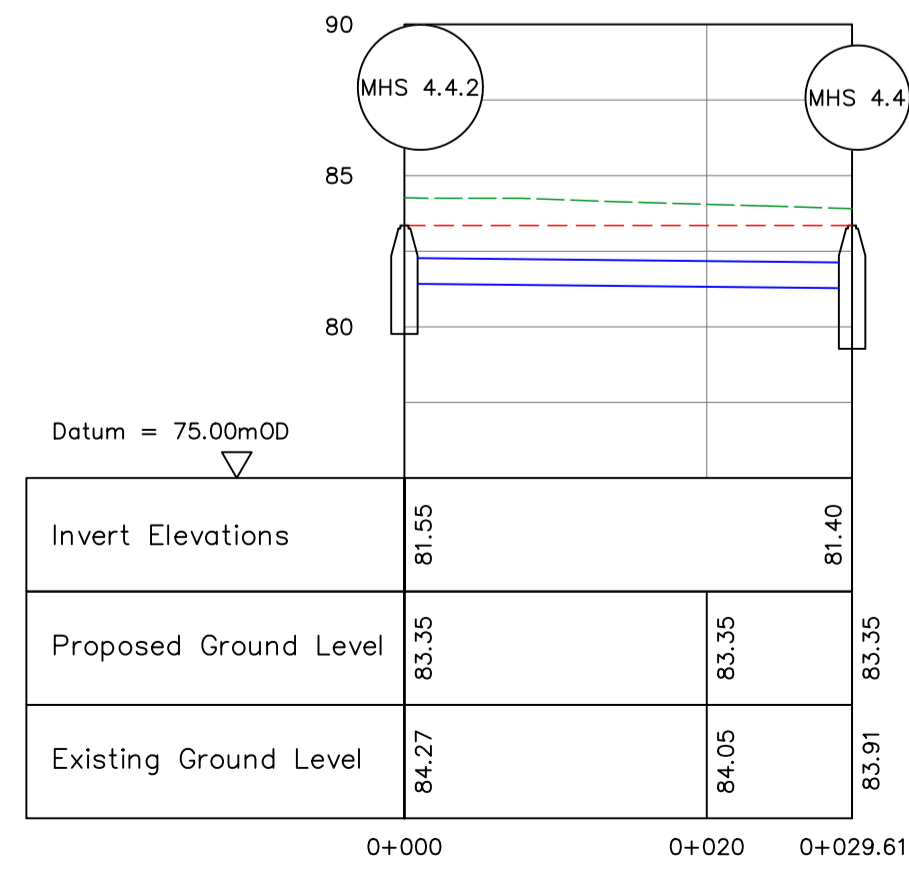
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- LONGITUDINAL SECTION MHS 4.1.2.1 TO MHS 4.1.2



**SURFACE WATER NETWORK NO. 4**  
- LONGITUDINAL SECTION MHS 4.5.1 TO MHS 4.5



**SURFACE WATER NETWORK NO. 4**  
- LONGITUDINAL SECTION MHS 4.4.1 TO MHS 4.4



**SURFACE WATER NETWORK NO. 4**  
- LONGITUDINAL SECTION MHS 4.4.2 TO MHS 4.4

**LEGEND:**  
 EXISTING GROUND PROFILE  
 PROPOSED GROUND PROFILE  
 PROPOSED SURFACE WATER PIPE

A	Dec. '17	PLANNING ISSUE	MN	DC
Rev	Date	Description	By	Chkd.

Client: **BORD NA MÓNA**  
Naturally Driven

Project: **PROPOSED DEVELOPMENT AT DREHID WASTE MANAGEMENT FACILITY**

Title: **SURFACE WATER DRAINAGE LONGITUDINAL SECTIONS - Sheet 3 of 3 -**

Scale @ A1: H = 1:500 / V = 1:250

Prepared by: M. Nolan      Checked: A. Austin      Date: December 2017

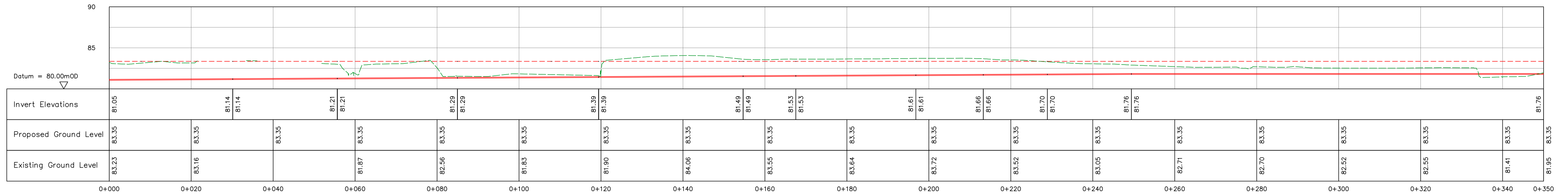
Project Director: D. Grehan

Drawing Status:

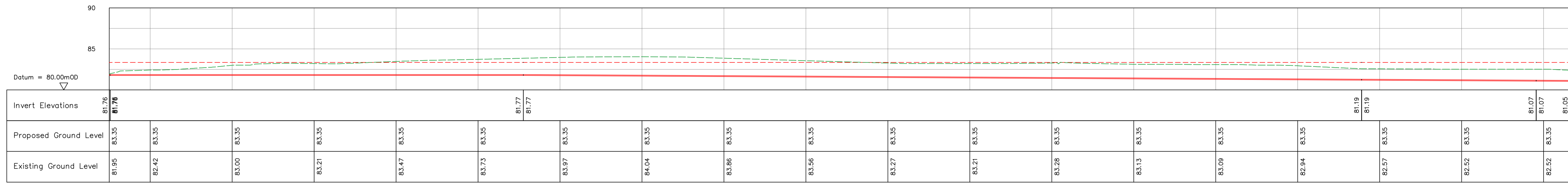
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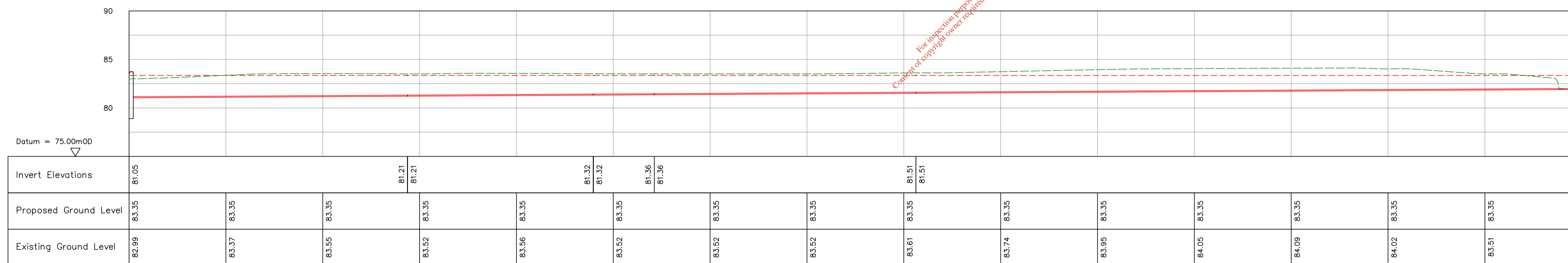
Drawing No.: **8108-2031**      Revision: **A**



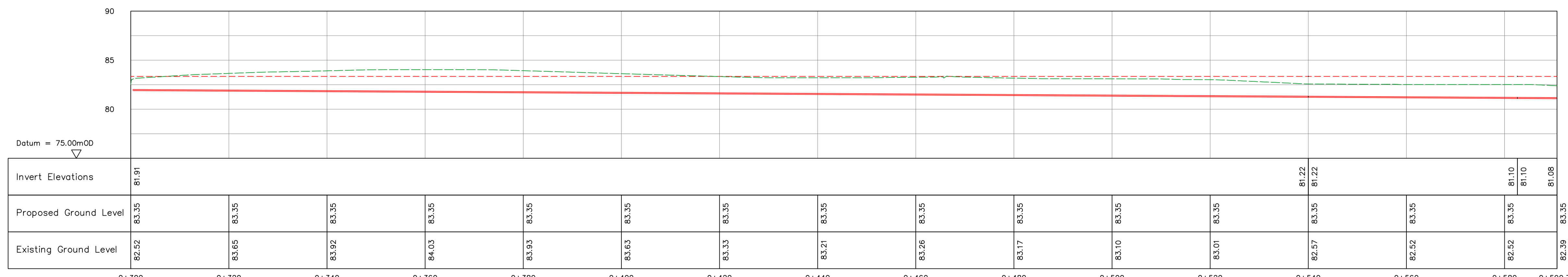
**FOUL WATER RISING MAIN NO. 1**  
- LONGITUDINAL SECTION PUMP STATION NO. 1 TO ScV



**FOUL WATER RISING MAIN NO. 1**  
- LONGITUDINAL SECTION ScV. TO LEACHATE TREATMENT FACILITY



**FOUL WATER RISING MAIN NO. 2**  
- LONGITUDINAL SECTION PUMP STATION NO. 2 TO ScV



**FOUL WATER RISING MAIN NO. 2**  
- LONGITUDINAL SECTION ScV. TO LEACHATE TREATMENT FACILITY

**LEGEND:**  
 EXISTING GROUND PROFILE  
 PROPOSED GROUND PROFILE  
 PROPOSED FOUL WATER PIPE

Rev	Date	Description	By	Chkd.
A	Dec. '17	PLANNING ISSUE	MN	DC

Client: **BORD NA MÓNA**  
Naturally Driven

Project: **PROPOSED DEVELOPMENT AT DREHID WASTE MANAGEMENT FACILITY**

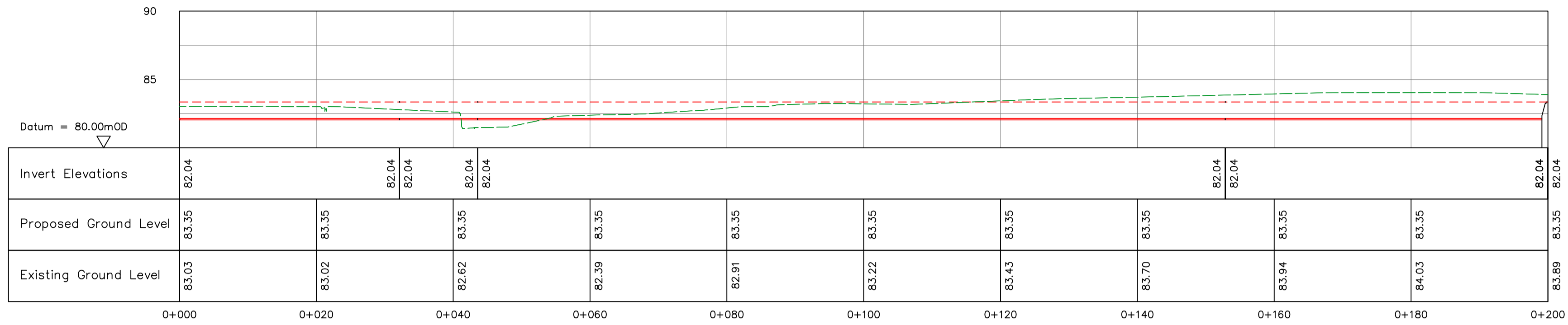
Title: **FOUL WATER DRAINAGE LONGITUDINAL SECTIONS - Sheet 1 of 2 -**

Scale @ A1: H = 1:500 / V = 1:250  
 Prepared by: M. Nolan  
 Checked: A. Austin  
 Date: December 2017  
 Project Director: D. Grehan  
 Drawing Status:

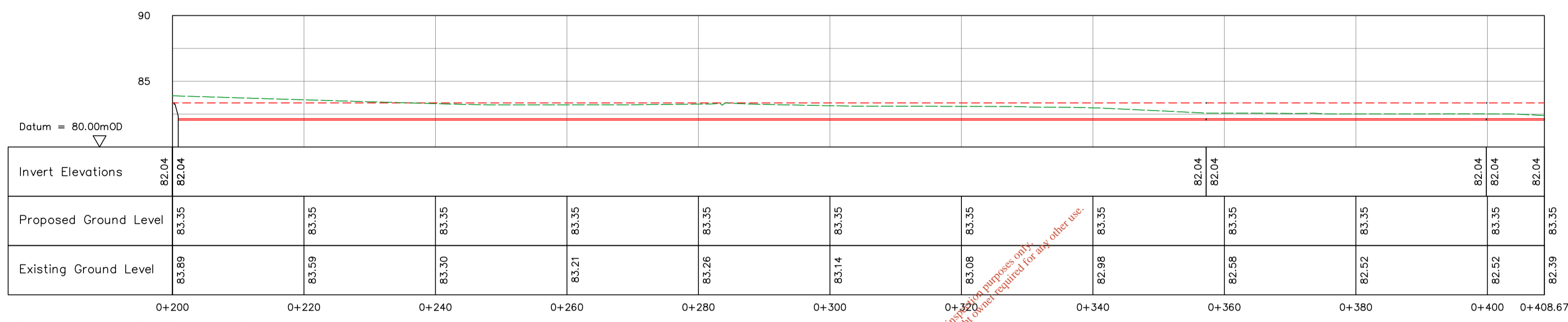
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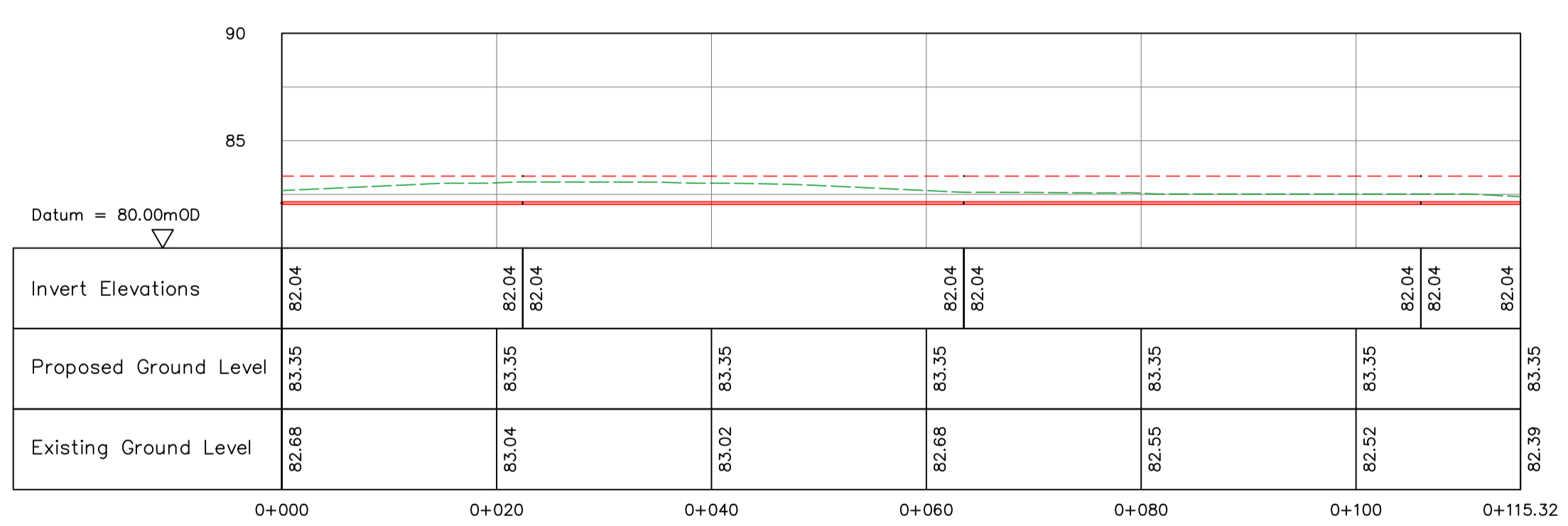
Drawing No.: **8108-2032** Revision: **A**



**FOUL WATER RISING MAIN NO. 3**  
**- LONGITUDINAL SECTION PUMP STATION NO. 3 TO ScV**



**FOUL WATER RISING MAIN NO. 3**  
**- LONGITUDINAL SECTION ScV. TO LEACHATE TREATMENT FACILITY**



**FOUL WATER RISING MAIN NO. 4**  
**- LONGITUDINAL SECTION PUMP STATION NO. 4 TO LEACHATE TREATMENT FACILITY**

**LEGEND:**  
 EXISTING GROUND PROFILE  
 PROPOSED GROUND PROFILE  
 PROPOSED FOUL WATER PIPE

Rev	Date	Description	By	Chkd.
A	Dec. '17	PLANNING ISSUE	MN	DC

Client: **BORD NA MÓNA**  
 Naturally Driven

Project:  
**PROPOSED DEVELOPMENT AT DREHID WASTE MANAGEMENT FACILITY**

Title:  
**FOUL WATER DRAINAGE LONGITUDINAL SECTIONS - Sheet 2 of 2 -**

Scale @ A1: H = 1:500 / V = 1:250

Prepared by: M. Nolan      Checked: A. Austin      Date: December 2017

Project Director: D. Grehan

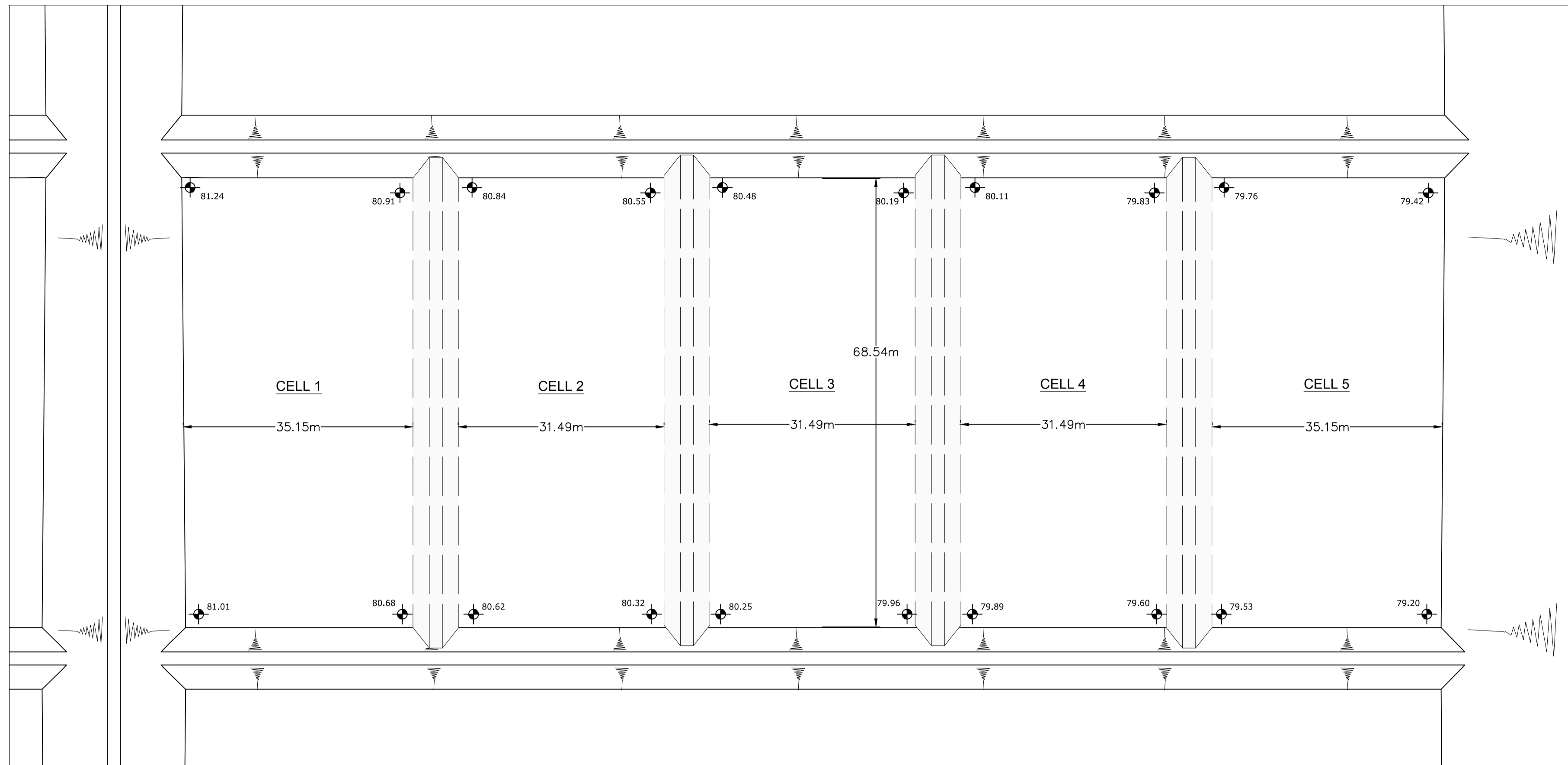
Drawing Status:

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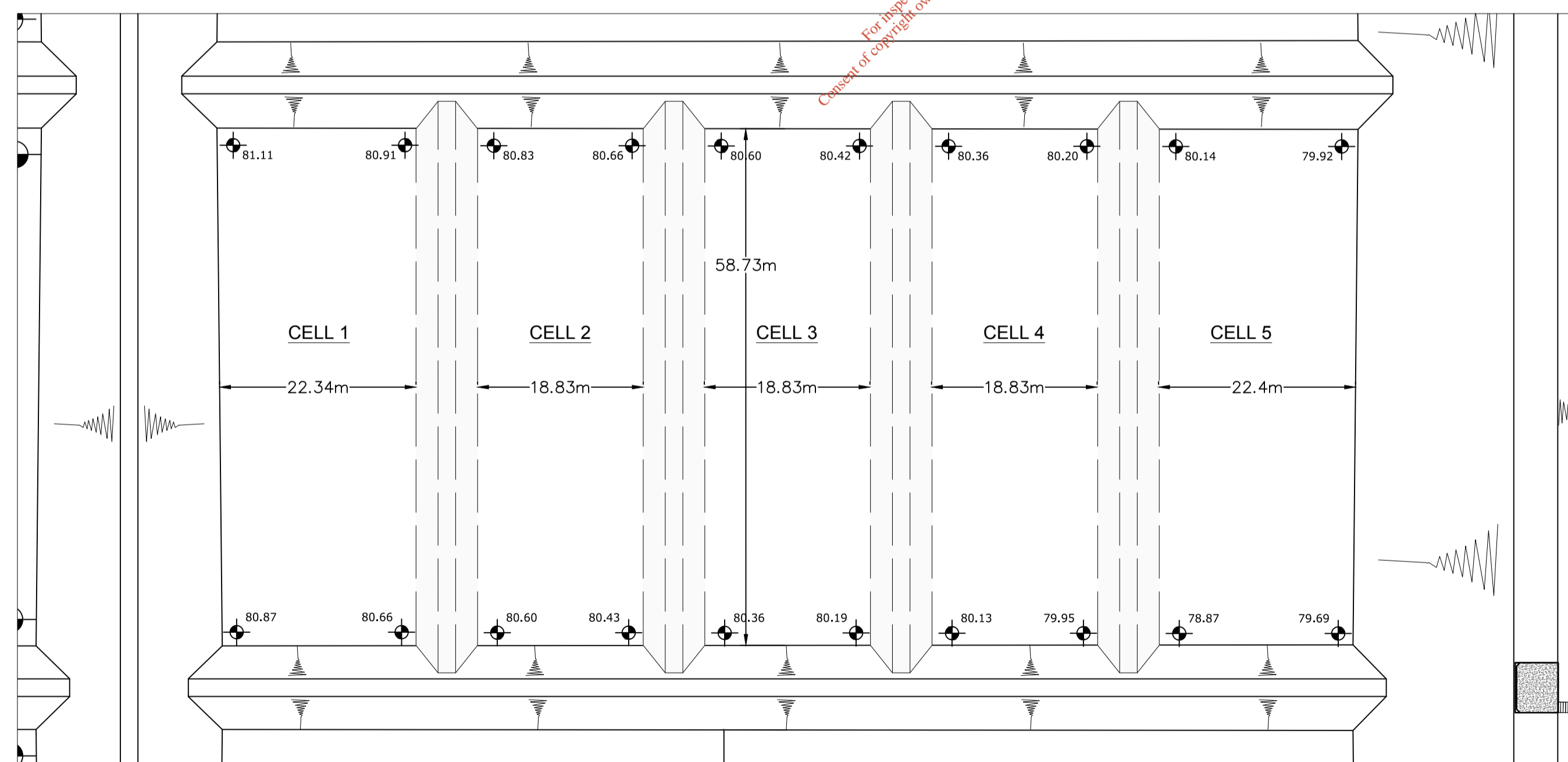
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Drawing No.: **8108-2033**      Revision: **A**

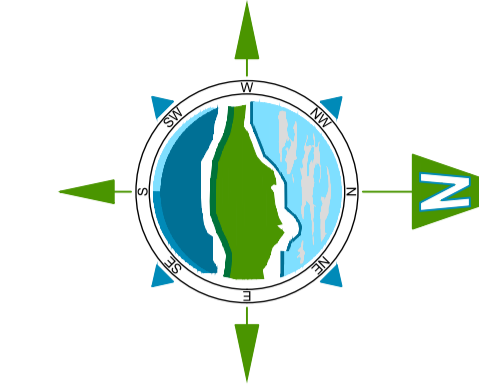
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**TYPICAL NON HAZARDOUS LANDFILL CELL LAYOUT**  
Scale 1:500



**TYPICAL HAZARDOUS LANDFILL CELL LAYOUT**  
Scale 1:500



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1. FIGURED DIMENSIONS ONLY TO BE TAKEN FROM THIS DRAWING.
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5. ALL LEVELS SHOWN RELATE TO ORDINANCE SURVEY DATUM AT MALIN HEAD.

Rev	Date	Description	By	Chkd.
A	Dec. '17	PLANNING ISSUE	MN	DC

Client: **BORD NA MÓNA**  
Naturally Driven

Project:  
**PROPOSED DEVELOPMENT AT DREHID WASTE MANAGEMENT FACILITY**

Title:  
**TYPICAL CELL LAYOUT**

Scale @ A1: **As Shown**

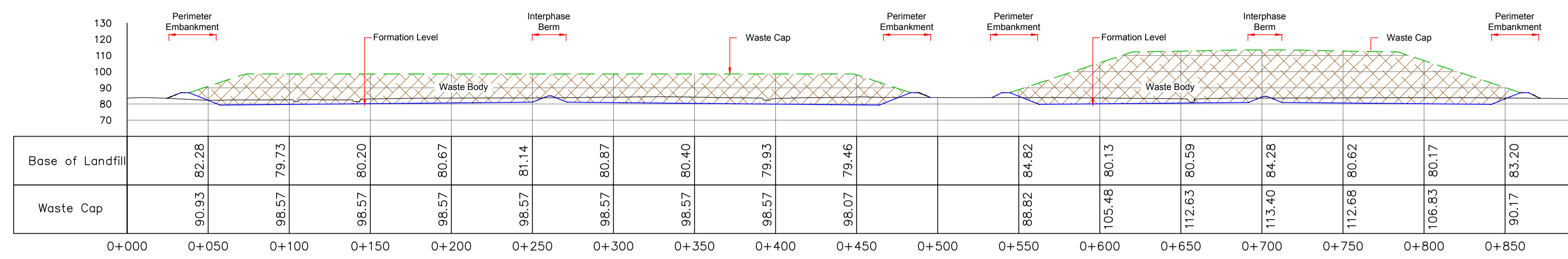
Prepared by:	Checked:	Date:
M. Nolan	A. Austin	December 2017
Project Director:	D. Grehan	
Drawing Status:	Planning	

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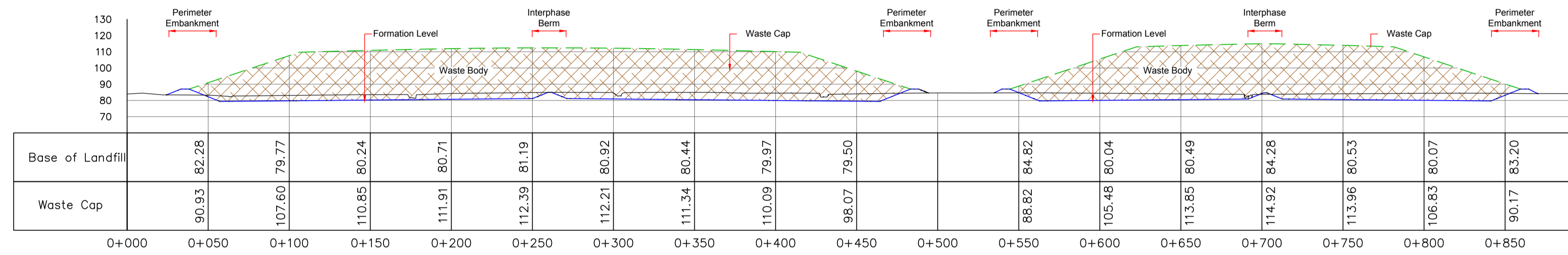
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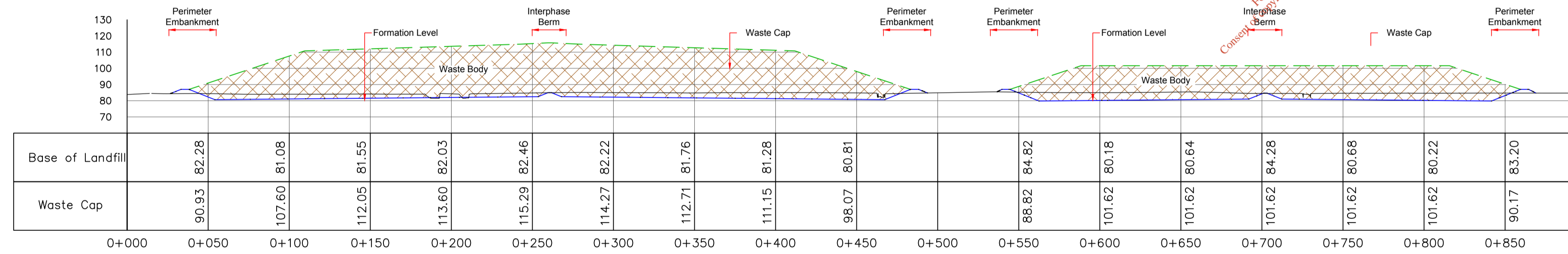




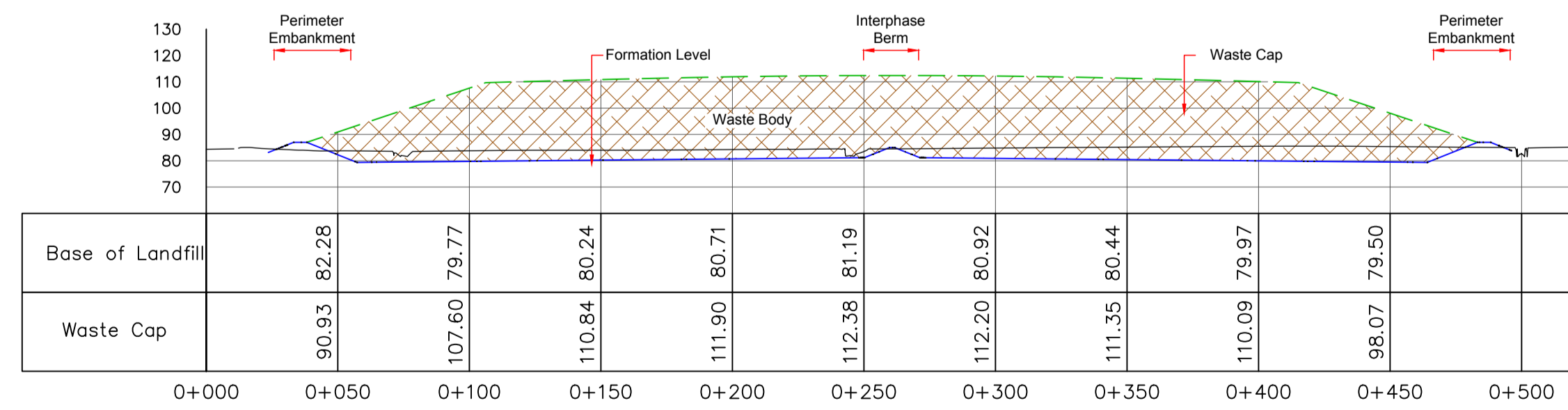
LONGITUDINAL SECTION 1 - 1



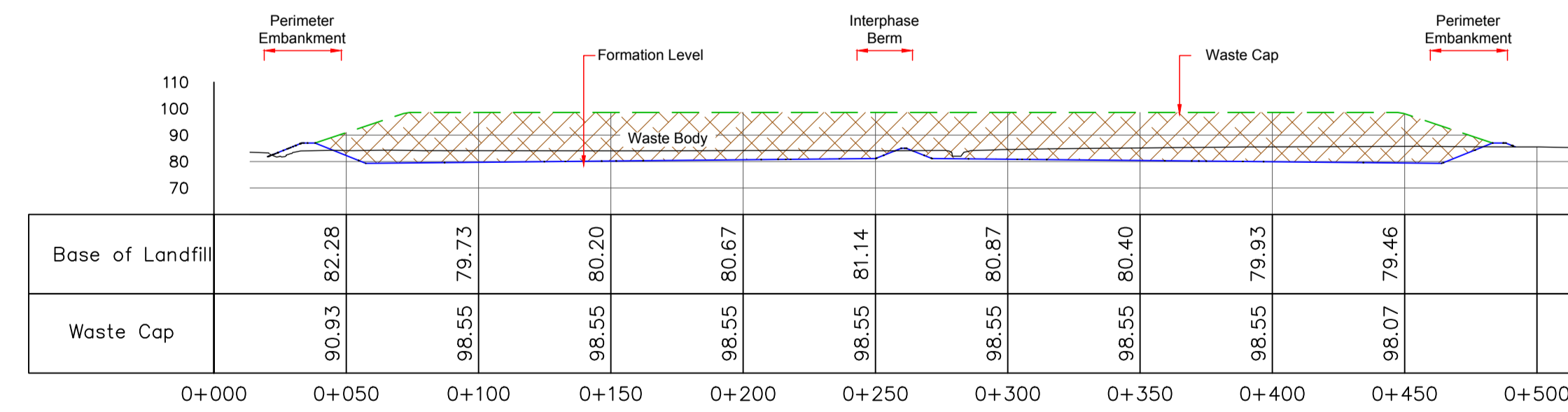
LONGITUDINAL SECTION 2 - 2



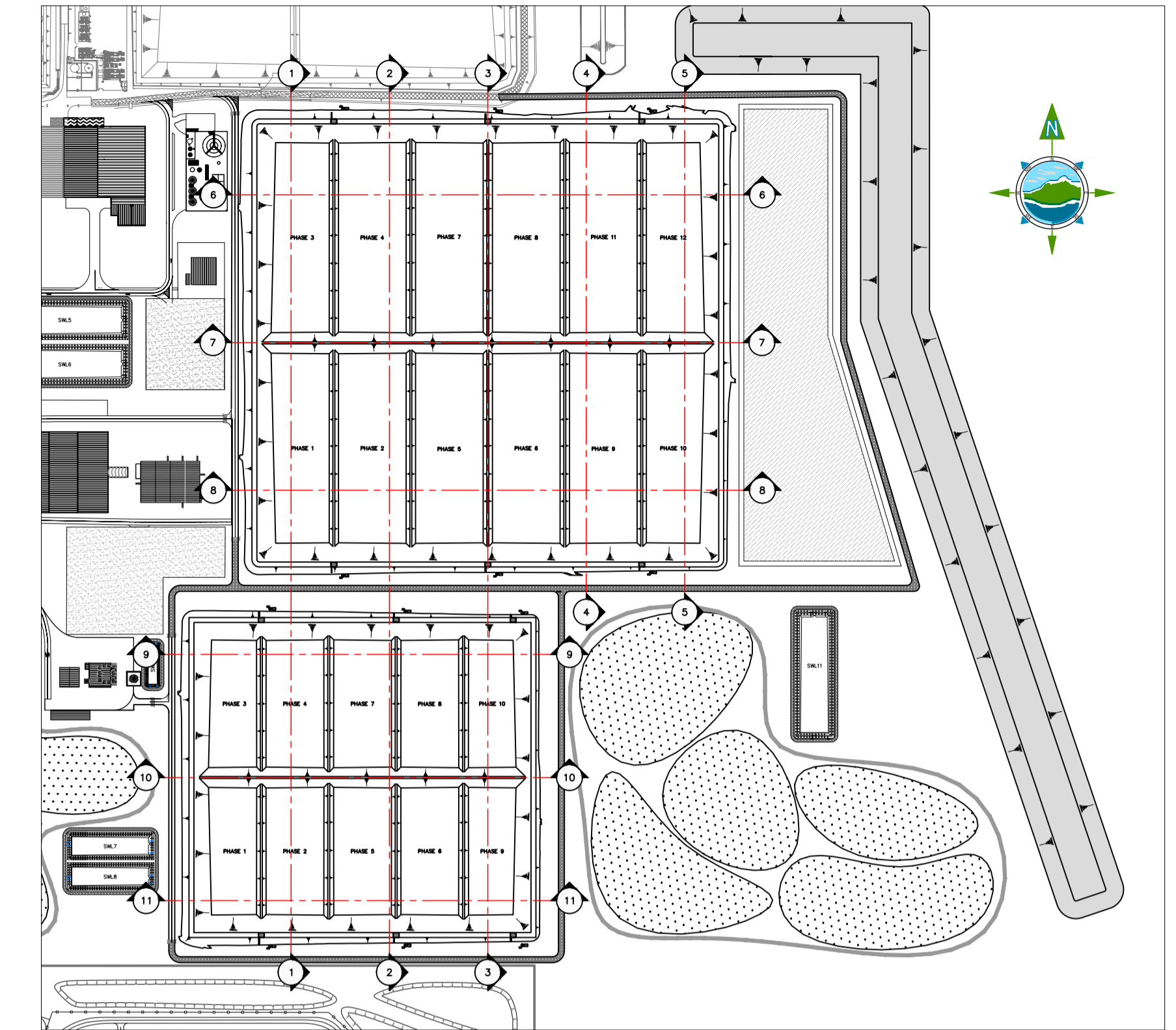
LONGITUDINAL SECTION 3 - 3



LONGITUDINAL SECTION 4 - 4



LONGITUDINAL SECTION 5 - 5



KEY PLAN -1:500



Rev	Date	Description	By	Chkd.
A	Dec. '17	PLANNING ISSUE	MN	DC

Client: **BORD NA MÓNA**  
Naturally Driven

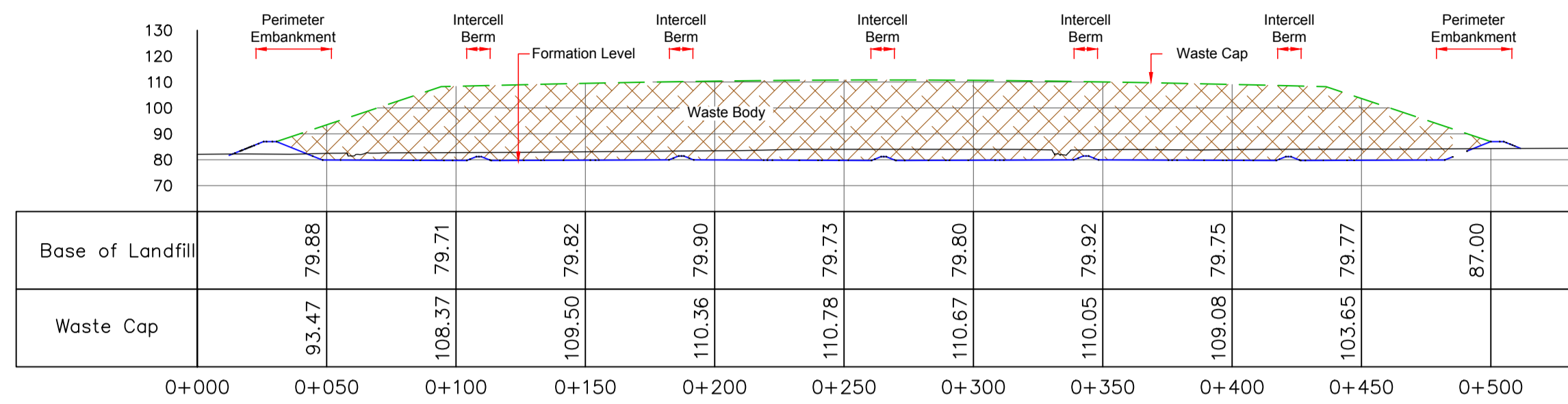
Project: **PROPOSED DEVELOPMENT AT DREHID WASTE MANAGEMENT FACILITY**

Title: **HAZARDOUS & NON HAZARDOUS LANDFILL LONGITUDINAL SECTIONS**

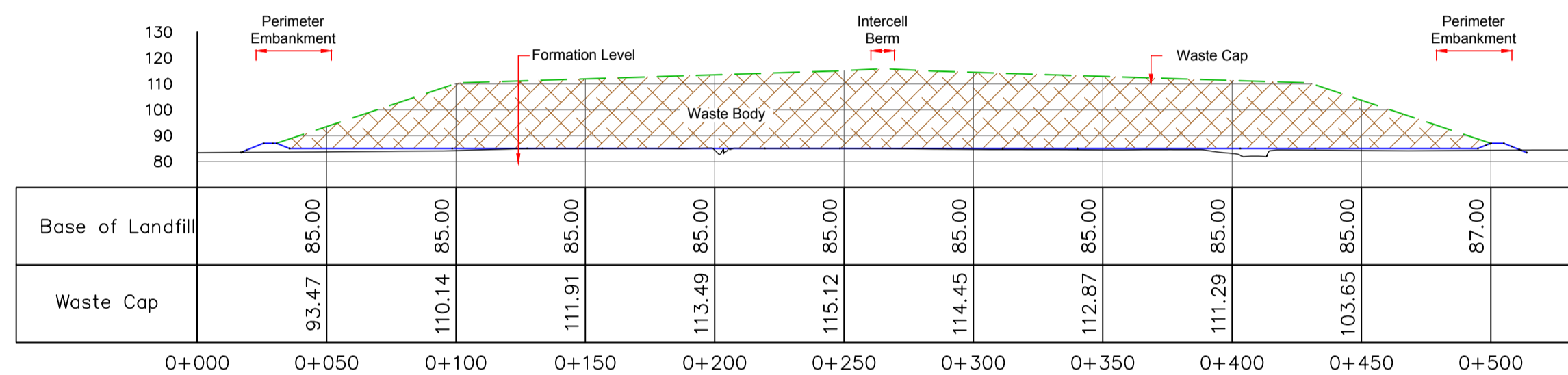
Scale @ A1: **1:2,000**  
Prepared by: M. Nolan, Checked by: A. Austin, Date: December 2017  
Project Director: D. Grehan  
Drawing Status: **Planning**

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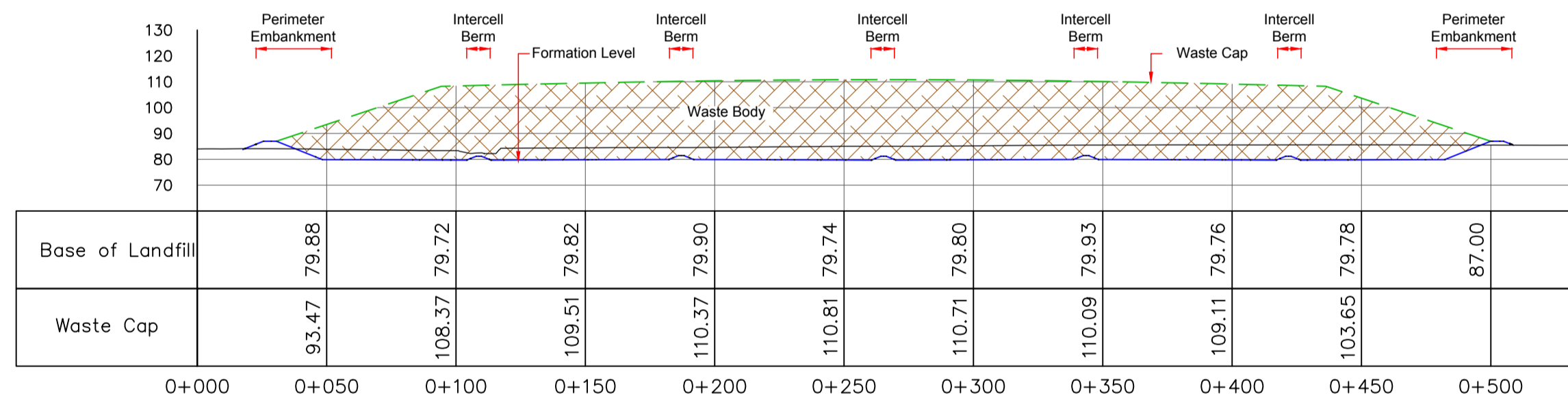
Drawing No.: **8108-2035** Revision: **A**



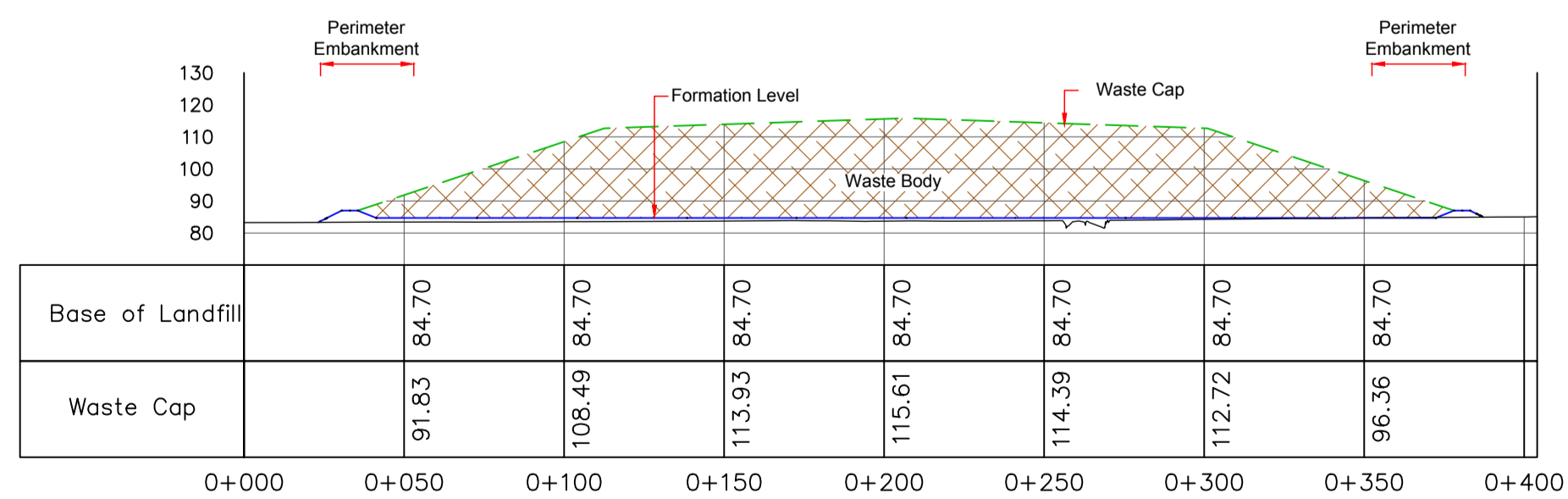
CROSS SECTION 6 - 6



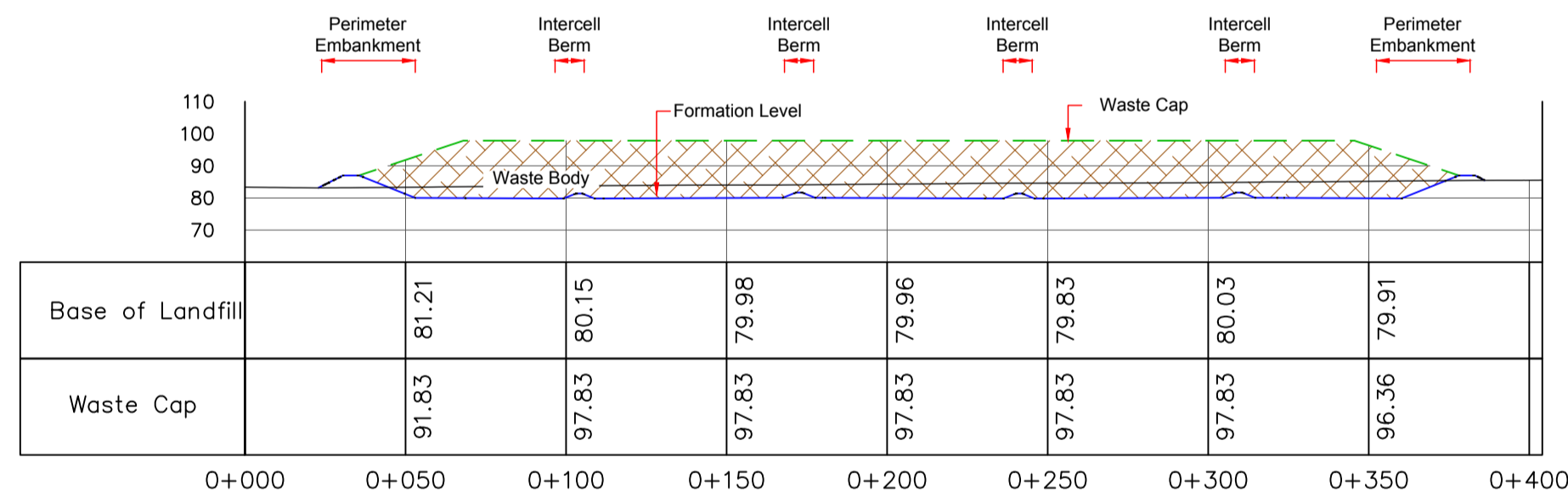
CROSS SECTION 7 - 7



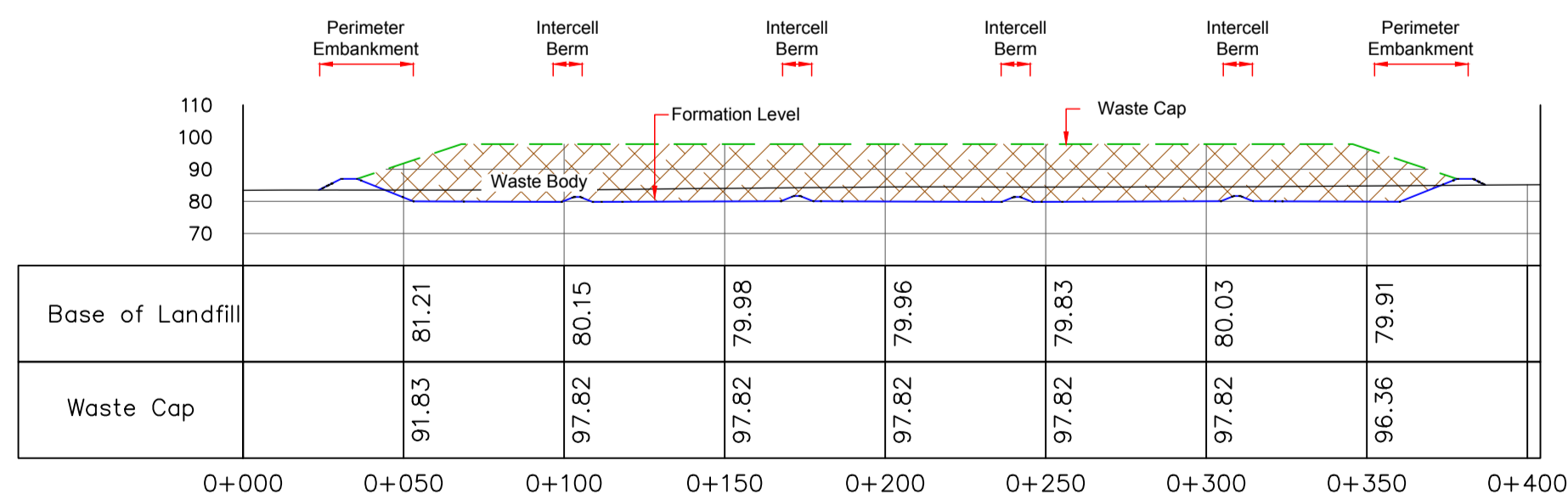
CROSS SECTION 8 - 8



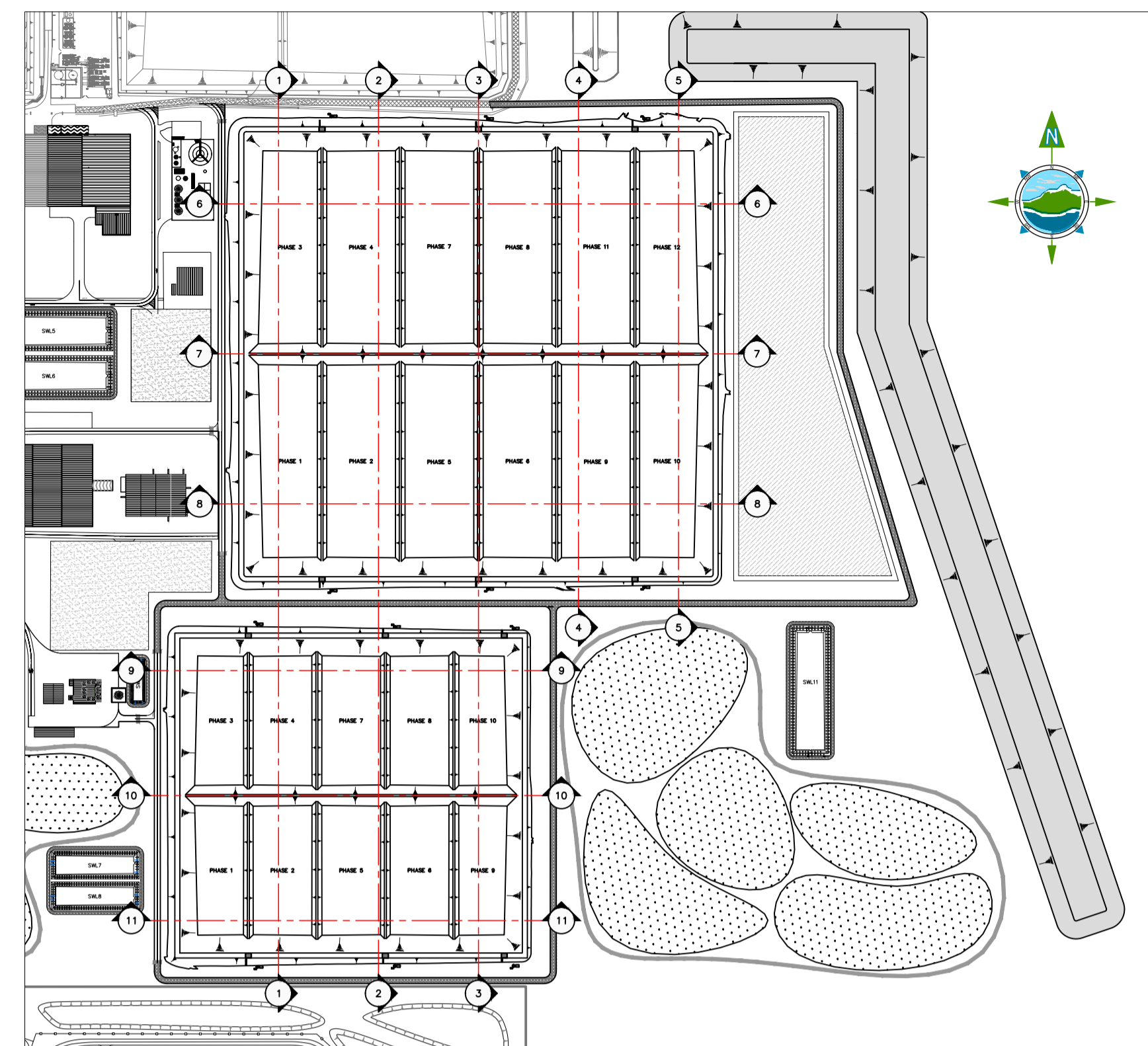
CROSS SECTION 10 - 10



CROSS SECTION 9 - 9

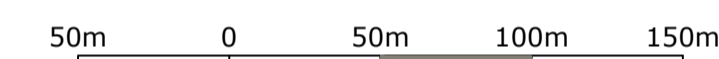


CROSS SECTION 11 - 11



KEY PLAN -1:500

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Rev	Date	Description	By	Chkd.
A	Dec. '17	PLANNING ISSUE	MN	DC

Client: **BORD NA MÓNA**  
Naturally Driven

Project: **PROPOSED DEVELOPMENT AT DREHID WASTE MANAGEMENT FACILITY**

Title: **HAZARDOUS & NON HAZARDOUS LANDFILL CROSS SECTIONS**

Scale @ A1: **1:2,000**  
Prepared by: M. Nolan  
Checked: A. Austin  
Date: December 2017  
Project Director: D. Grehan  
Drawing Status: **Planning**

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Drawing No.: **8108-2036**  
Revision: **A**