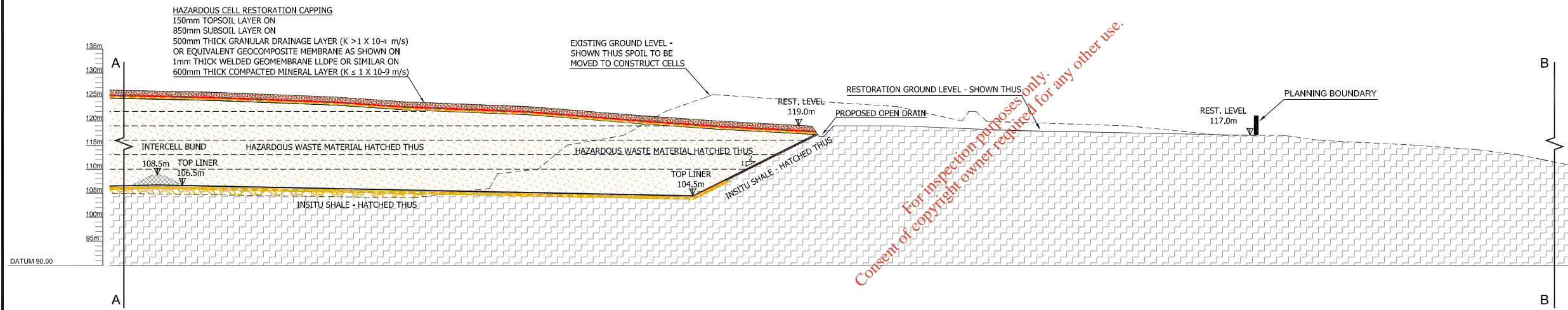
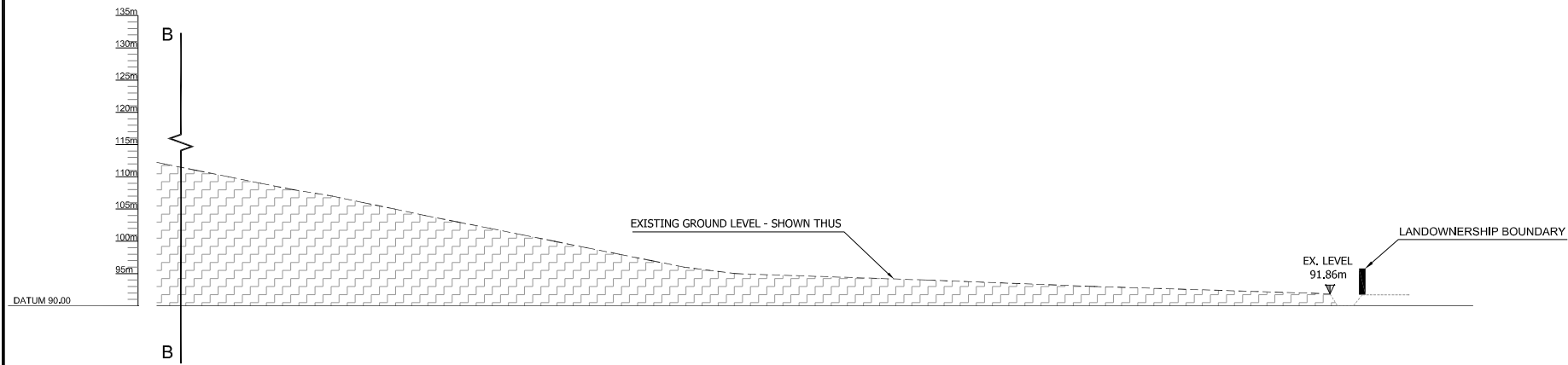


TYPICAL CROSS SECTION A-A (SECTION 1 OF 3)  
REFER DWG WLA 02(Sht 1),03(Sht 1) & 15(Sht 1)  
SCALE 1:500



TYPICAL CROSS SECTION A-A (SECTION 2 OF 3)  
REFER DWG WLA 02(Sht 1),03(Sht 1) & 15(Sht 1)  
SCALE 1:500



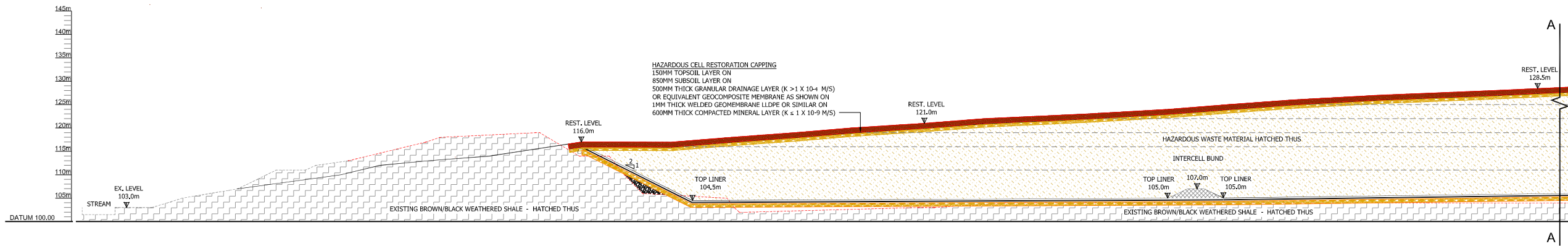
TYPICAL CROSS SECTION A-A (SECTION 3 OF 3)  
REFER DWG WLA 02(Sht 1),03(Sht 1) & 15(Sht 1)  
SCALE 1:500

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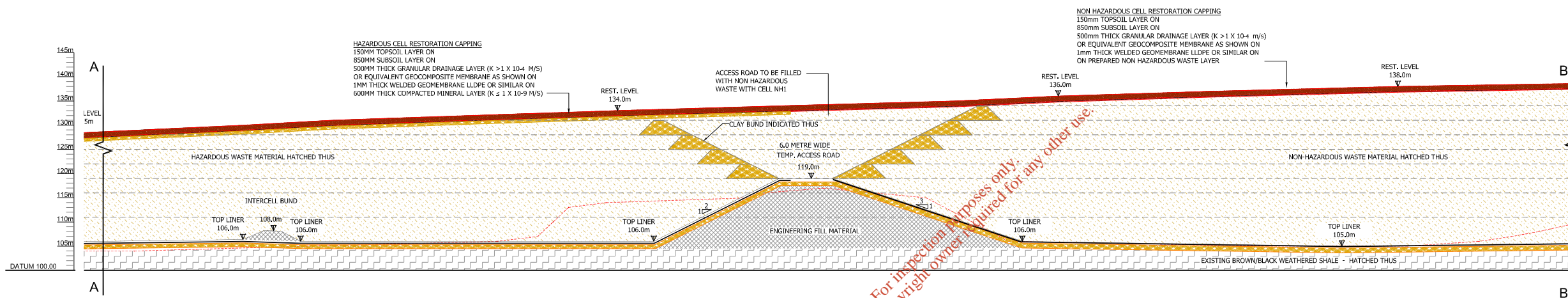
**GENERAL NOTES:**

- ALL LEVELS RELATE TO MALIN HEAD ORDNANCE DATUM.
- ALL LEVELS TO BE CONFIRMED ON SITE BY MAIN CONTRACTOR PRIOR TO COMMENCEMENT.
- DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS.
- DO NOT SCALE THIS DRAWING - USE FIGURED DIMENSIONS ONLY.

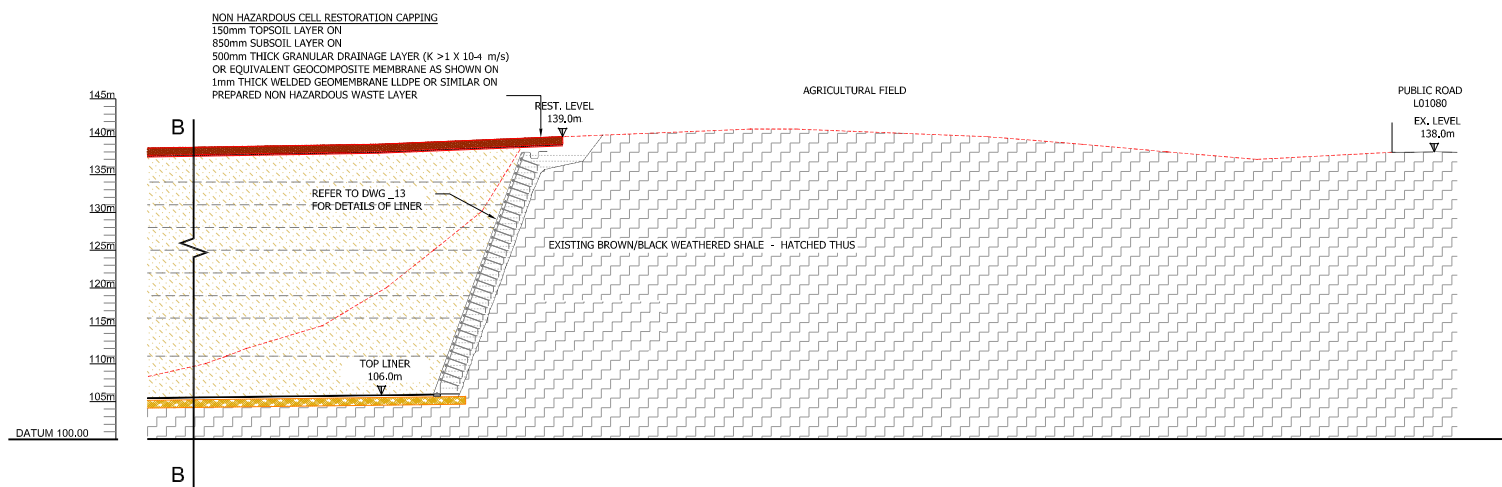
01	WASTE LICENCE APPLICATION	10.12.10	4 Projects
ver.	amendment	date,	issued to.
Prepared For:			
Client:		Murphy Environmental Hollywood Ltd	
Project:		MEHL INTEGRATED WASTE MANAGEMENT FACILITY	
Location:		HOLLYWOOD GREAT, NAGS HEAD NAUL. CO. DUBLIN	
Title:		SITE CROSS SECTION A-A	
Project Name: PP	Drawing No.: 17	File Name:	
Study Name: WLA	Version No.: 01	PP_WLA_17_01	
Section:	Date: 10 Dec. 2010	SCALE: A1(1:500)/A3(1:1000)	
WYG Job Number: C007831	Created By: CF	Reviewed By: JD	Signed Off By: HB
Prepared by:			
Old Bridge House, Strand Street, Athlone, Co. Westmeath.		WYG (Engineering) Ireland Ltd.	
Tel: (090) 6474264			
Fax: (090) 6479422			
E-mail: athlone@wyg.ie			



TYPICAL CROSS SECTION B-B (SECTION 1 OF 3)  
REFER DWG WLA 02(Sht 1),03(Sht 1) & 15(Sht 1)  
SCALE 1:500



TYPICAL CROSS SECTION B-B (SECTION 2 OF 3)  
REFER DWG WLA 02(Sht 1),03(Sht 1) & 15(Sht 1)  
SCALE 1:500



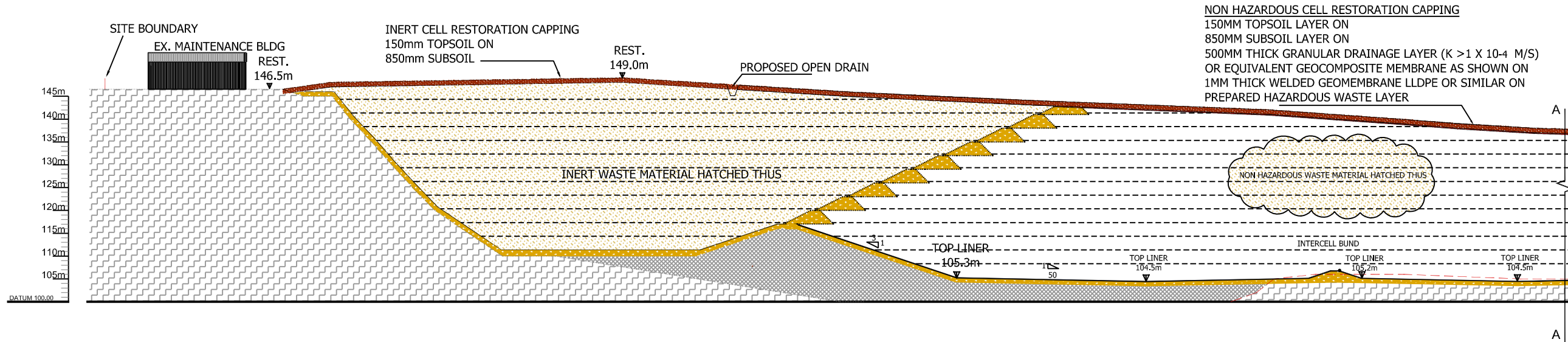
TYPICAL CROSS SECTION B-B (SECTION 3 OF 3)  
REFER DWG WLA 02(Sht 1),03(Sht 1) & 15(Sht 1)  
SCALE 1:500

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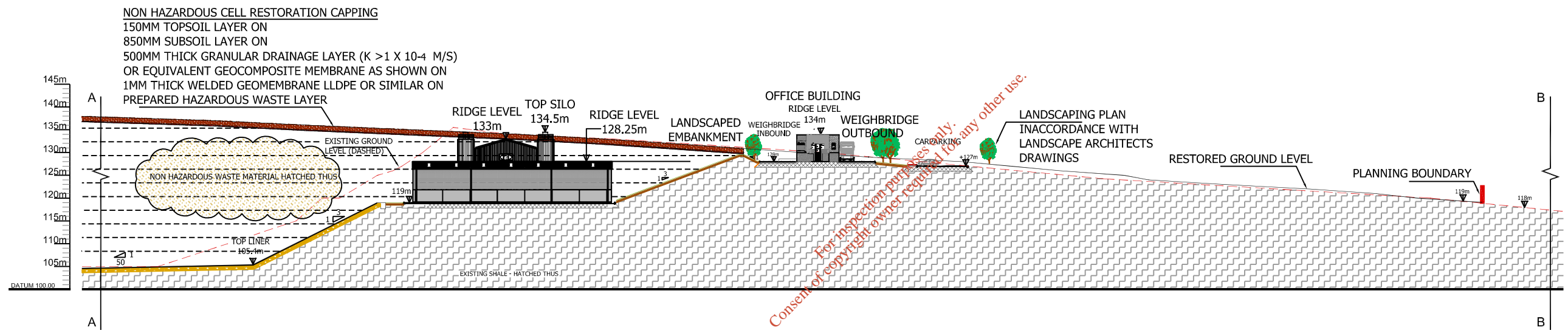
**GENERAL NOTES:**

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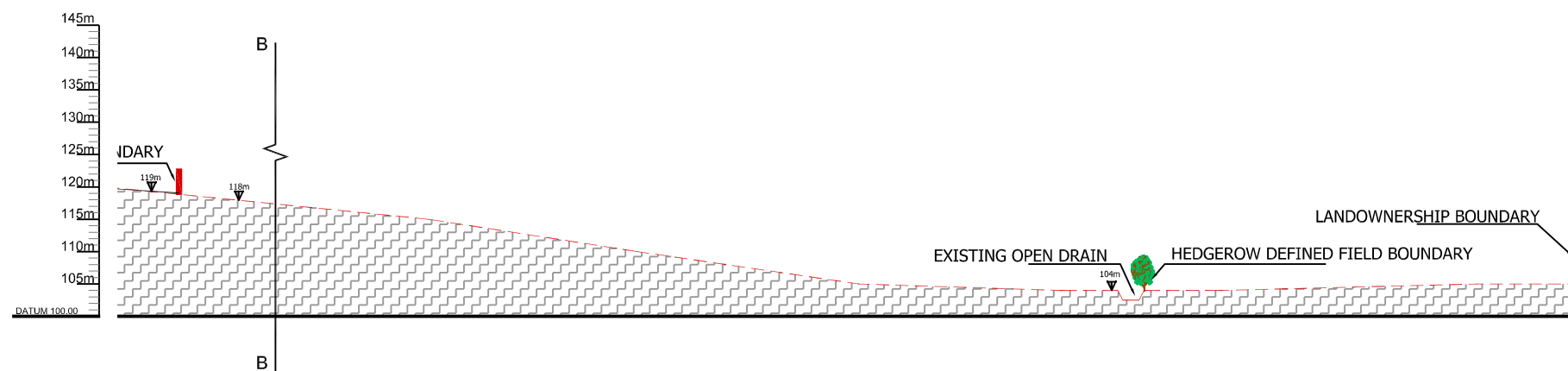
01	WASTE LICENCE APPLICATION	10.12.10	4 Projects
ver.	amendment	date,	issued to.
Prepared For:			
Client:	Murphy Environmental Hollywood Ltd		
Project:	MEHL INTEGRATED WASTE MANAGEMENT FACILITY		
Location:	HOLLYWOOD GREAT, NAGS HEAD NAUL. CO. DUBLIN		
Title:	SITE CROSS SECTION B-B		
Project Name:	PP	Drawing No.:	18
Study Name:	WLA	Version No.:	01
Section:	-	Date:	10 Dec. 2010
WYG Job Number:	C007831	SCALE:	A1(1:500)/A3(1:1000)
Created By:	CF	Reviewed By:	JD
Prepared by:	Signed Off By: HB Old Bridge House, Strand Street, Athlone, Co. Westmeath. Tel: (090) 6474264 Fax: (090) 6478422 E-mail: athlone@wyg.ie		
WYG (Engineering) Ireland Ltd.			



TYPICAL CROSS-SECTION C-C (SHEET 1 OF 3)  
REFER DWG WLA 02(Sht 1),03(Sht 1) & 15(Sht 1)  
SCALE 1:500



TYPICAL CROSS-SECTION C-C (SHEET 2 OF 3)  
REFER DWG WLA 02(Sht 1),03(Sht 1) & 15(Sht 1)  
SCALE 1:500

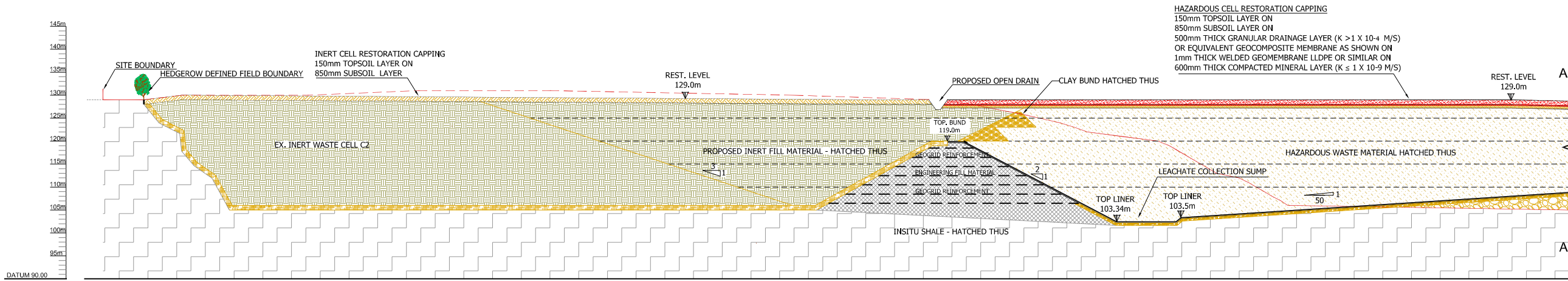


TYPICAL CROSS-SECTION C-C (SHEET 3 OF 3)  
REFER DWG WLA 02(Sht 1),03(Sht 1) & 15(Sht 1)  
SCALE 1:500

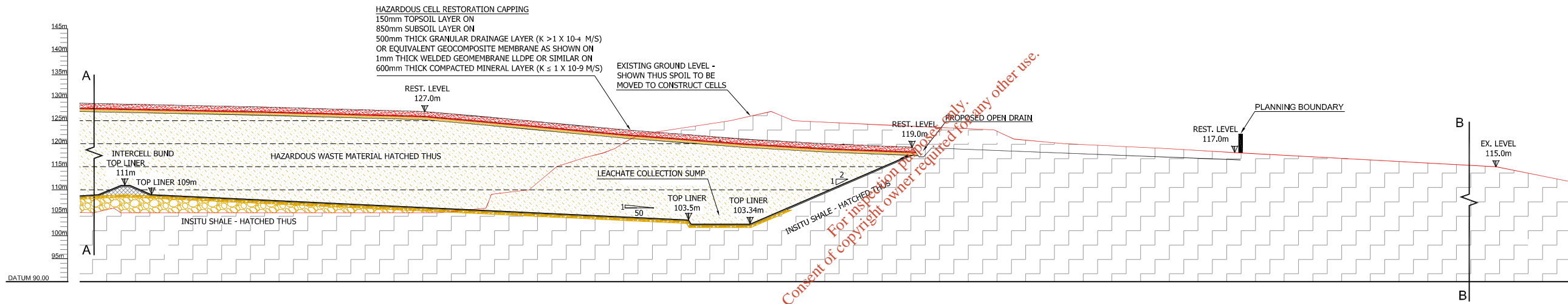
**GENERAL NOTES:**

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- ALL LEVELS TO BE CONFIRMED ON SITE BY MAIN CONTRACTOR PRIOR TO COMMENCEMENT.
- DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS.
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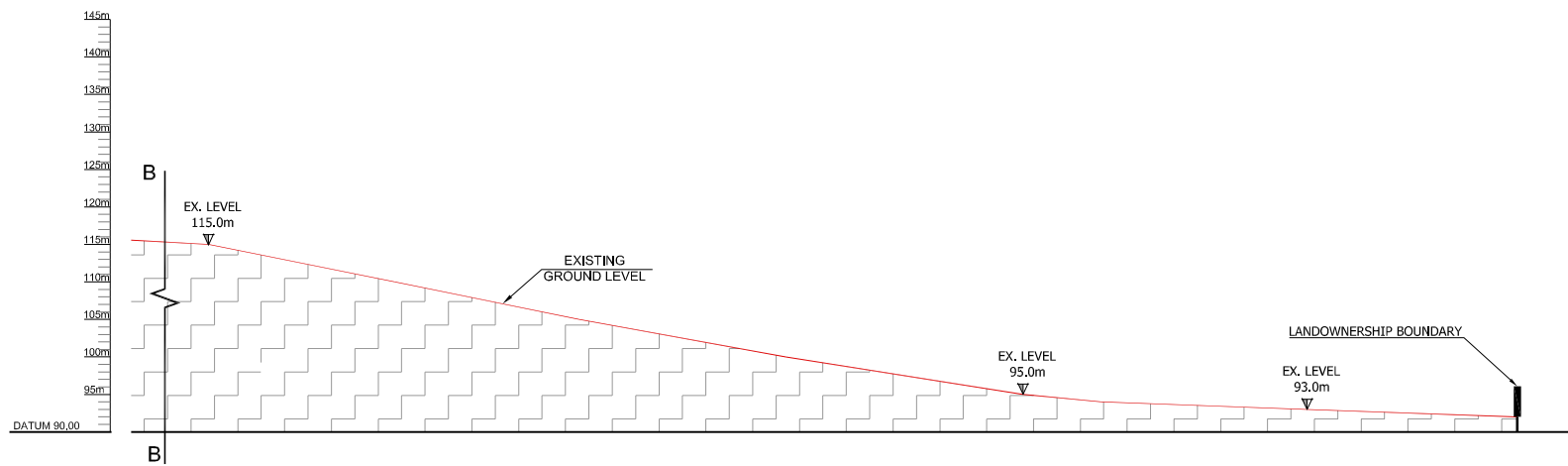
01	WASTE LICENCE APPLICATION	10.12.10	4 Projects
ver.	amendment	date,	issued to,
Prepared For:			
Client:			
Project: MEHL INTEGRATED WASTE MANAGEMENT FACILITY			
Location: HOLLYWOOD GREAT, NAGS HEAD NAUL. CO. DUBLIN			
Title: SITE CROSS SECTION C-C			
Project Name: PP	Drawing No.: 19	File Name:	
Study Name: WLA	Version No.: 01	PP_WLA_19_01	
Section:	Date: 10 Dec, 2010		
WYG Job Number: C007831	SCALE: A1(1:500)/A3(1:1000)		
Created By: CF	Reviewed By: JD	Signed Off By: HB	
Prepared by:			
Old Bridge House, Strand Street, Athlone, Co. Westmeath.			
Telt: (090) 6474264, Fax: (090) 6478422, E-mail: athlone@wyg.ie			
WYG (Engineering) Ireland Ltd.			



TYPICAL CROSS-SECTION D-D (SHEET 1 OF 3)  
 REFER DWG WLA 02(Sht 1),03(Sht 1) & 15(Sht 1)  
 SCALE 1:500



TYPICAL CROSS-SECTION D-D (SHEET 2 OF 3)  
 REFER DWG WLA 02(Sht 1),03(Sht 1) & 15(Sht 1)  
 SCALE 1:500



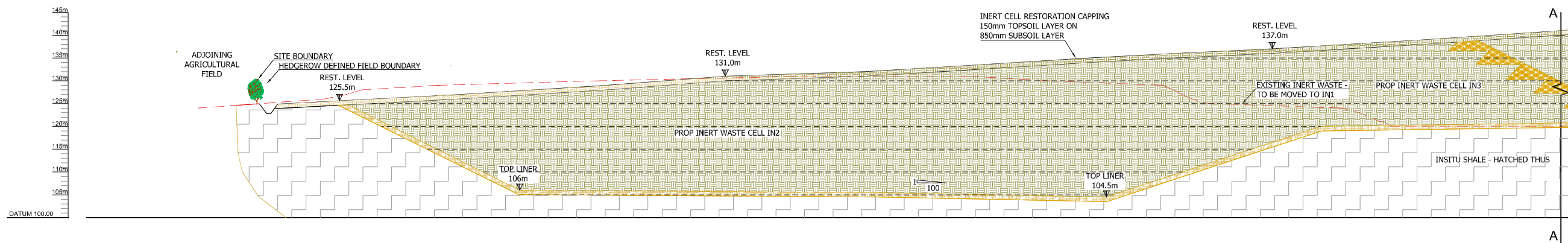
TYPICAL CROSS-SECTION D-D (SHEET 3 OF 3)  
 REFER DWG WLA 03(Sht 1),05(Sht 1) & 15(Sht 1)  
 SCALE 1:500

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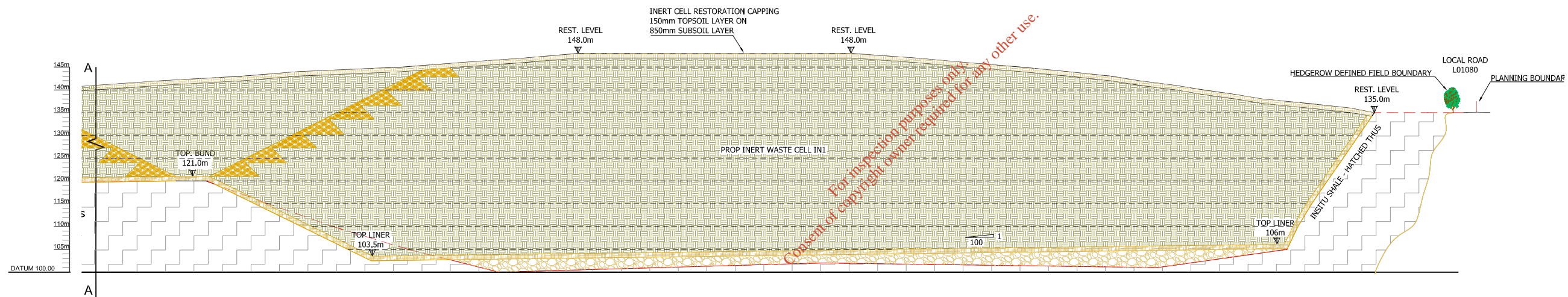
**GENERAL NOTES:**

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- DO NOT SCALE THIS DRAWING - USE FIGURED DIMENSIONS ONLY.

01	WASTE LICENCE APPLICATION	10.12.10	4 Projects
ver.	amendment	date,	issued to.
Prepared For:			
Client:		Murphy Environmental Hollywood Ltd	
Project:		MEHL INTEGRATED WASTE MANAGEMENT FACILITY	
Location:		HOLLYWOOD GREAT, NAGS HEAD NAUL. CO. DUBLIN	
Title:		SITE CROSS SECTION D-D	
Project Name:	PP	Drawing No.:	20
Study Name:	WLA	Version No.:	01
Section:	-	Date:	10 Dec. 2010
WYG Job Number:	C007831	SCALE:	A1(1:500)/A3(1:1000)
Created By:	CF	Reviewed By:	JD
Prepared by:	Old Bridge House, Strand Street, Athlone, Co. Westmeath. Tel: (090) 6474264 Fax: (090) 6478422 E-mail: athlone@wyg.ie		
		WYG (Engineering) Ireland Ltd.	



TYPICAL CROSS-SECTION E-E  
REFER DWG WLA 02(Sht 1),03(Sht 1) & 15(Sht 1)  
SCALE 1:500

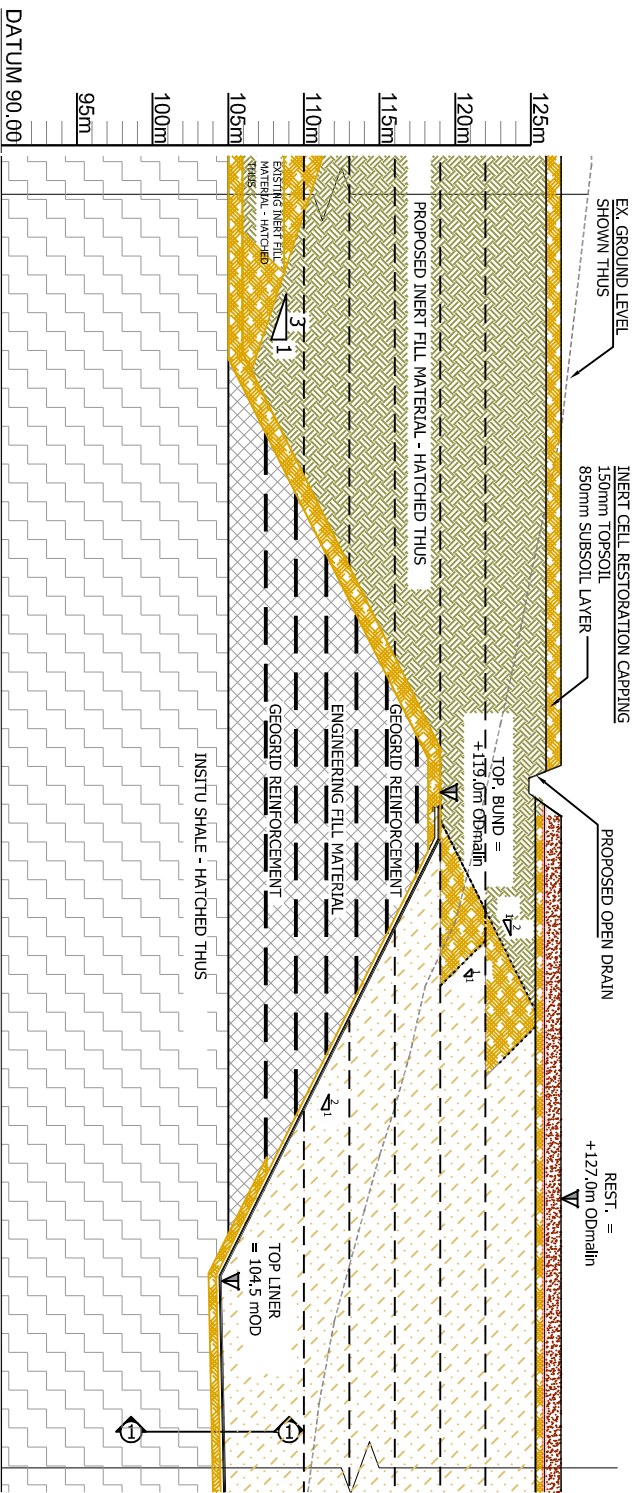


TYPICAL CROSS-SECTION E-E (continued)  
REFER DWG WLA 02(Sht 1),03(Sht 1) & 15(Sht 1)  
SCALE 1:500

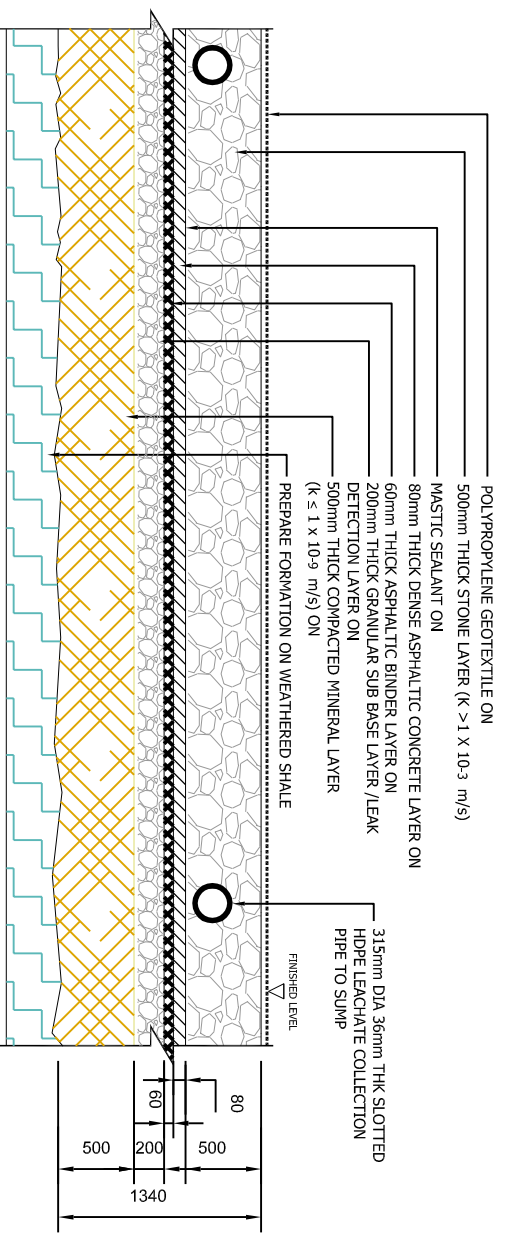
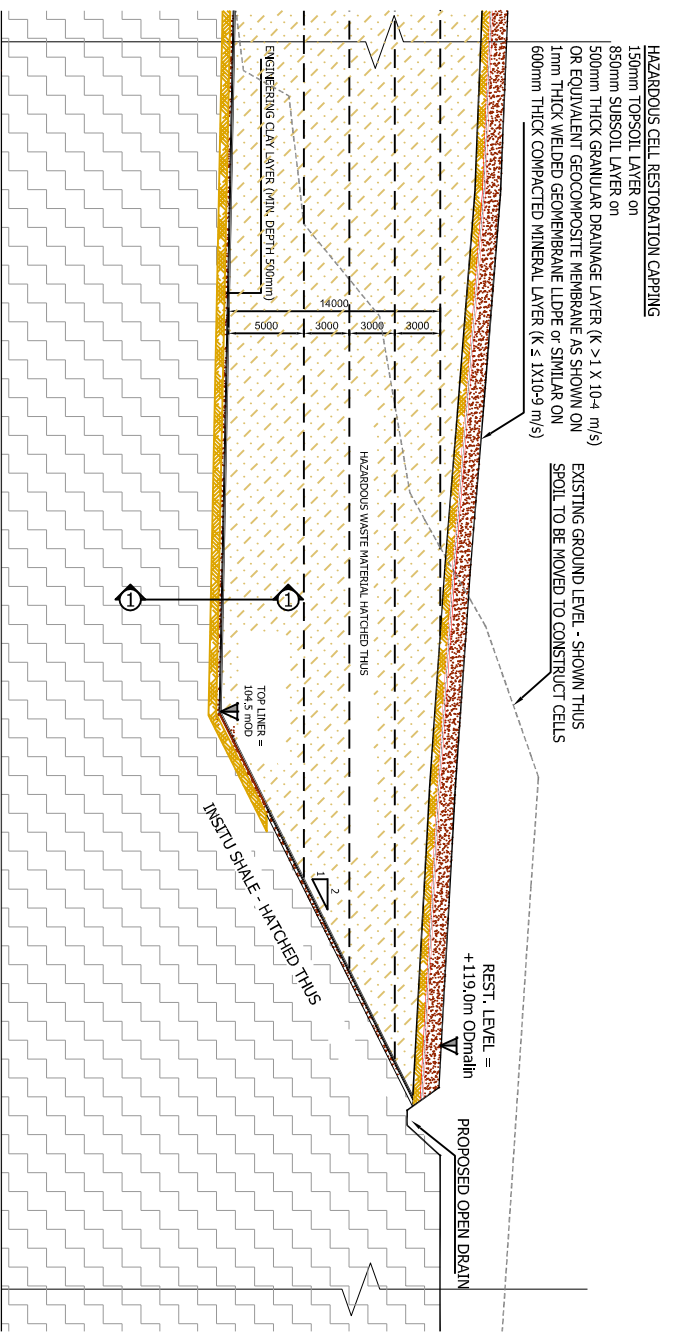
**GENERAL NOTES:**

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- DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS.
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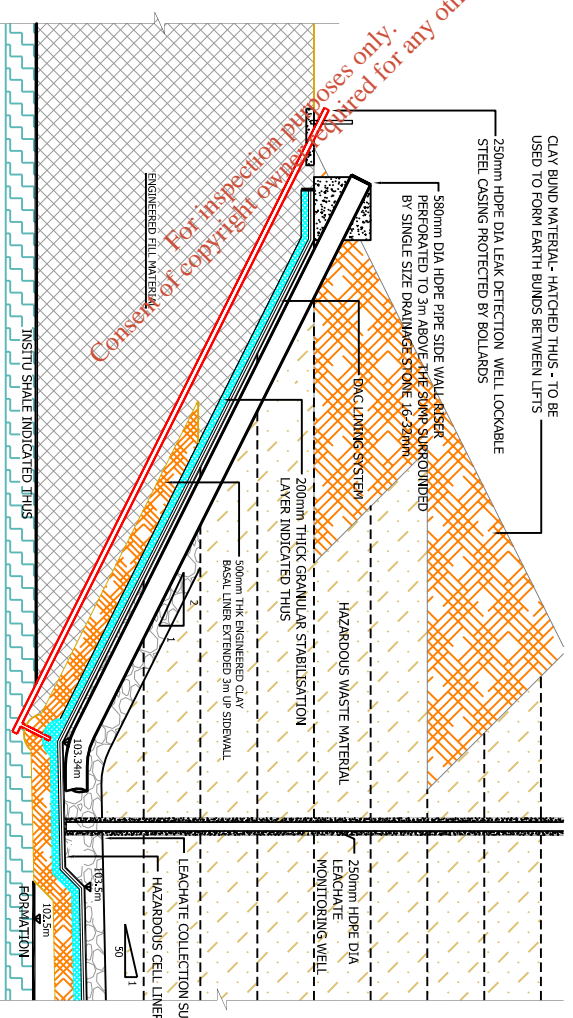
01	WASTE LICENCE APPLICATION	10.12.10	4 Projects
ver.	amendment	date,	issued to.
Prepared For:			
Client:	Murphy Environmental Hollywood Ltd		
Project:	MEHL INTEGRATED WASTE MANAGEMENT FACILITY		
Location:	HOLLYWOOD GREAT, NAGS HEAD NAUL. CO. DUBLIN		
Title:	SITE CROSS SECTION E-E		
Project Name:	PP	Drawing No.:	21
Study Name:	WLA	Version No.:	01
Section:	-	Date:	10 Dec. 2010
WYG Job Number:	C007831	SCALE:	A1(1:500)/A3(1:1000)
Created By:	CF	Reviewed By:	JD
Prepared by:	Signed Off By: HB		
Old Bridge House, Strand Street, Athlone, Co. Westmeath. Tel: (090) 6474264 Fax: (090) 6478422 E-mail: athlone@wyg.ie			
WYG (Engineering) Ireland Ltd.			



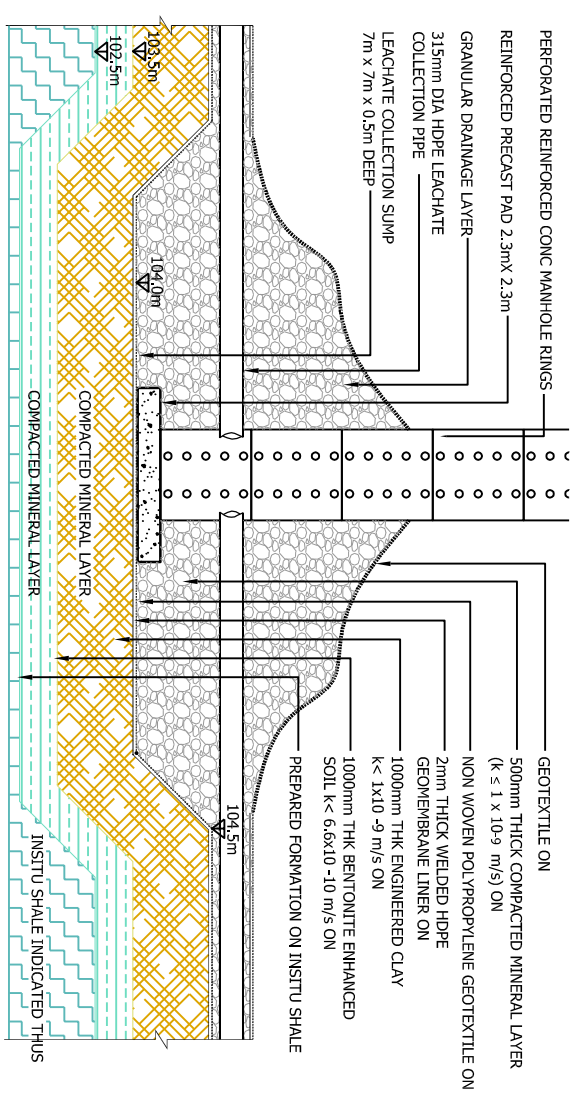
**SITE SECTION A-A**  
(REFER DWG WLA\_03)  
SCALE 1:250



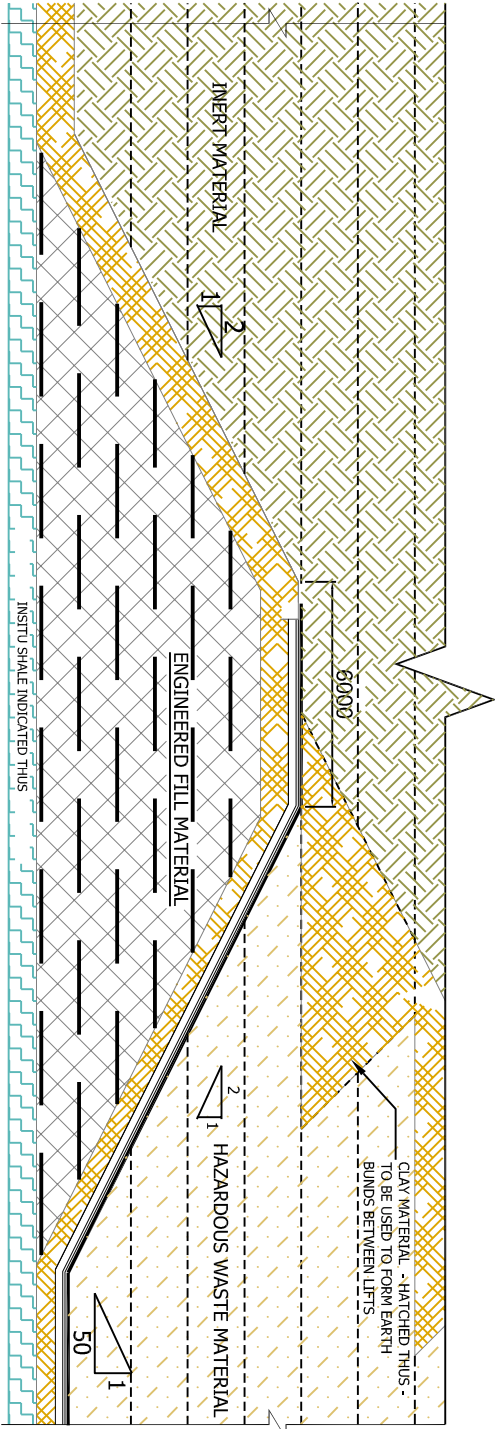
**TYPICAL CROSS SECTION 1-1**  
**HAZARDOUS CELL (THROUGH BASAL LINER)**  
SCALE 1:25



**TYPICAL CROSS SECTION - LEAK DETECTION SYSTEM**  
SCALE 1:10



**TYPICAL CROSS SECTION - NON HAZARDOUS LEACHATE COLLECTION MANHOLE**  
SCALE 1:50



**TYPICAL CROSS SECTION - BUND BETWEEN HAZARDOUS WASTE & INERT MATERIAL**  
SCALE 1:100

**GENERAL NOTES:**

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DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT DRAWINGS.  
DO NOT SCALE THIS DRAWING - USE FIGURED DIMENSIONS ONLY.

01	WASTE LICENCE APPLICATION	10.12.10	4 Progress
02	amendments	date	Issued to
Prepared For:			
Client:			
Project:			
Location:			
Title:			

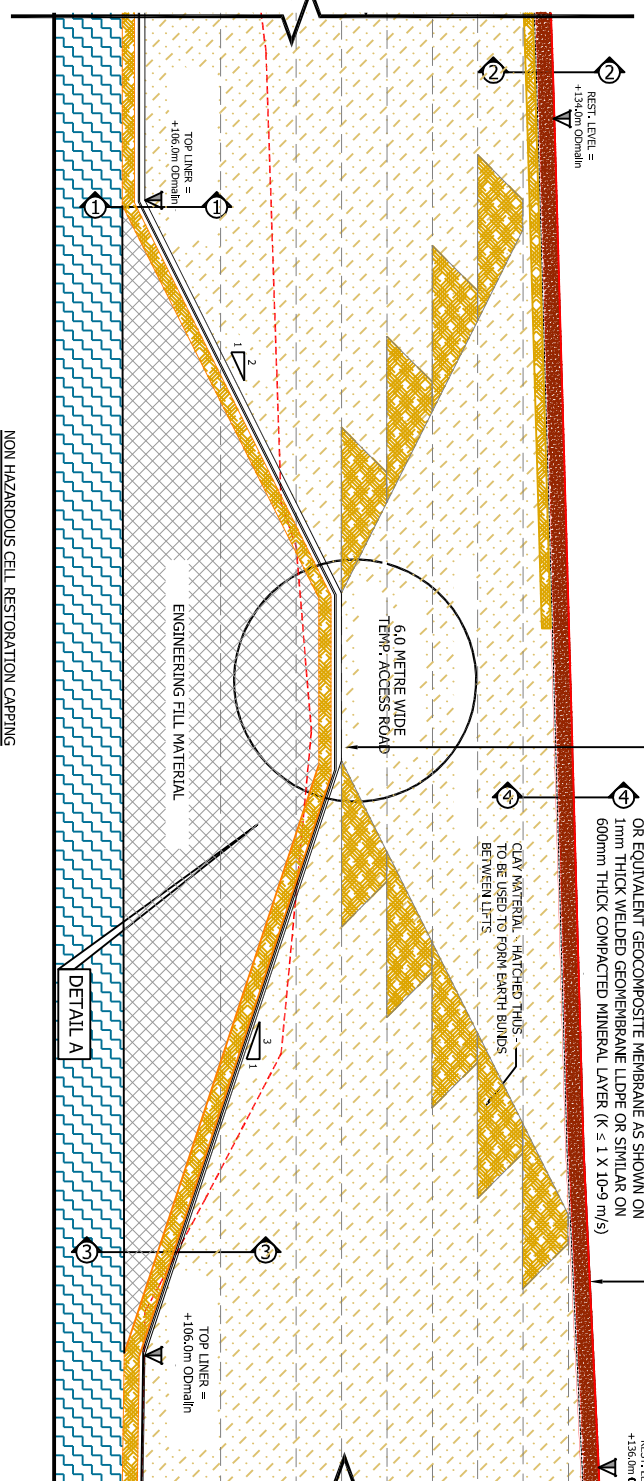
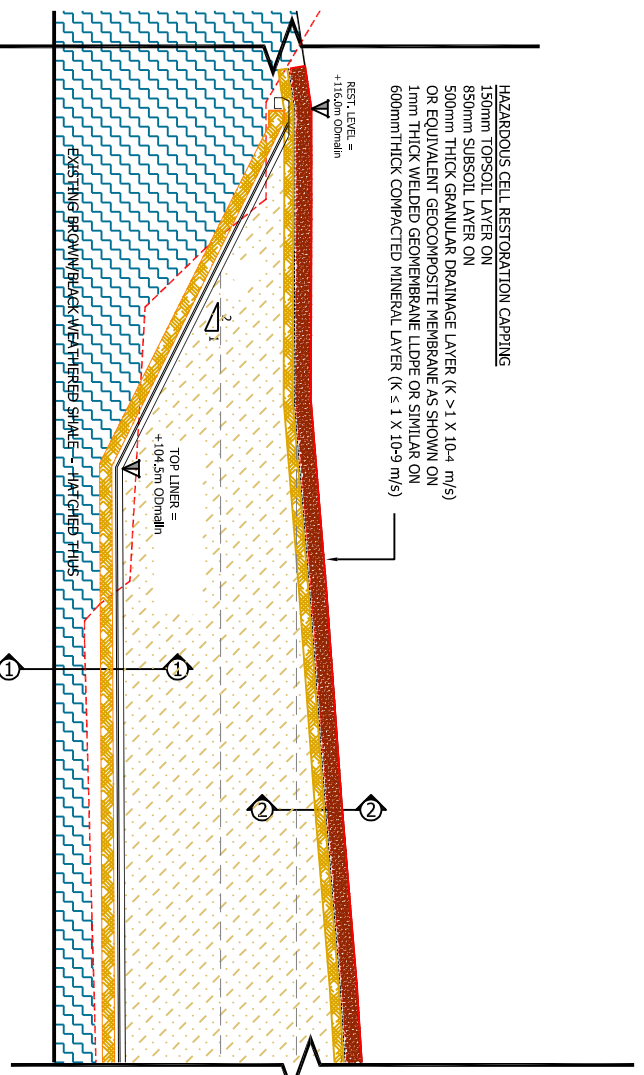
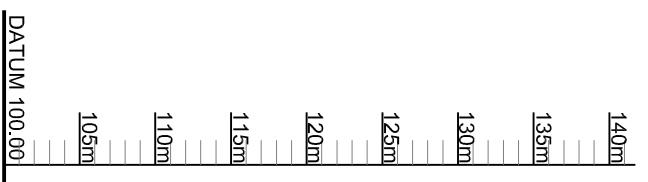
Project Name: PP	Drawing No.: 22	File Name: PP_WLA_22_01
Study Name: WLA	Version No.: 01	
Scale: 1:100	Date: 10 Dec 2010	
WVG Job Number: 0007831	SCALE: A1 / 7.3 (VARIABLE)	
Created By: CF	Reviewed By: JD	Sheet Off By: HB
Prepared by:		
Old Bridge House, Strand Street, Athlone, Co. Wick, Ireland.		
Tel: (00353) 043654 Fax: (00353) 043654 Email: info@wvg.ie		
WVG (Engineering) Ireland Ltd.		

**ARUP** | **patel tonra** | **McMANUS**

**WVG (Engineering) Ireland Ltd.**

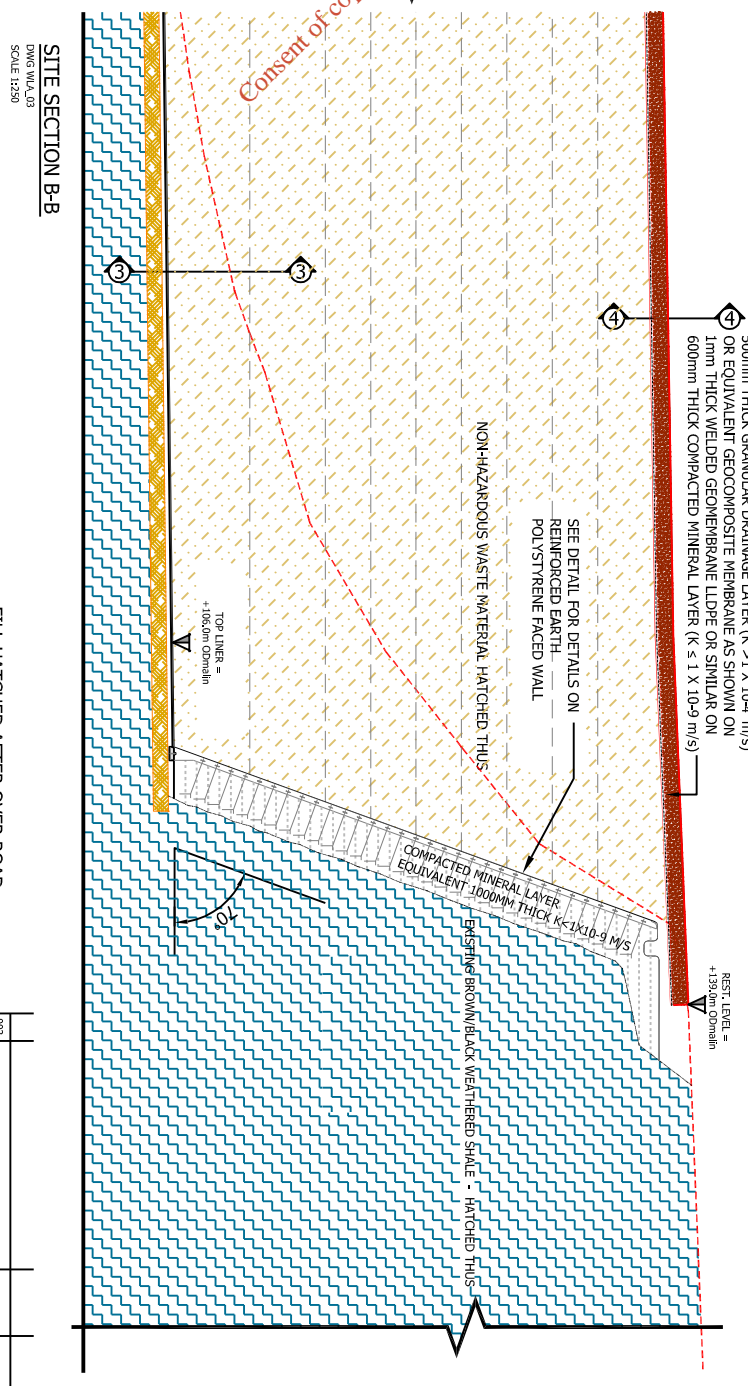
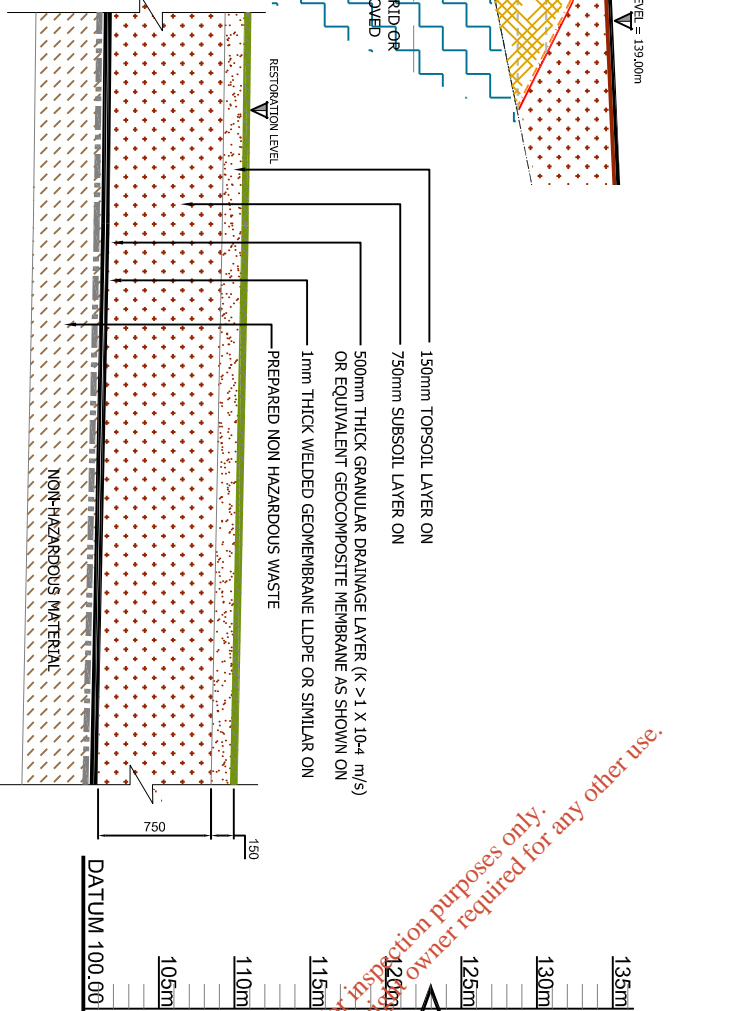
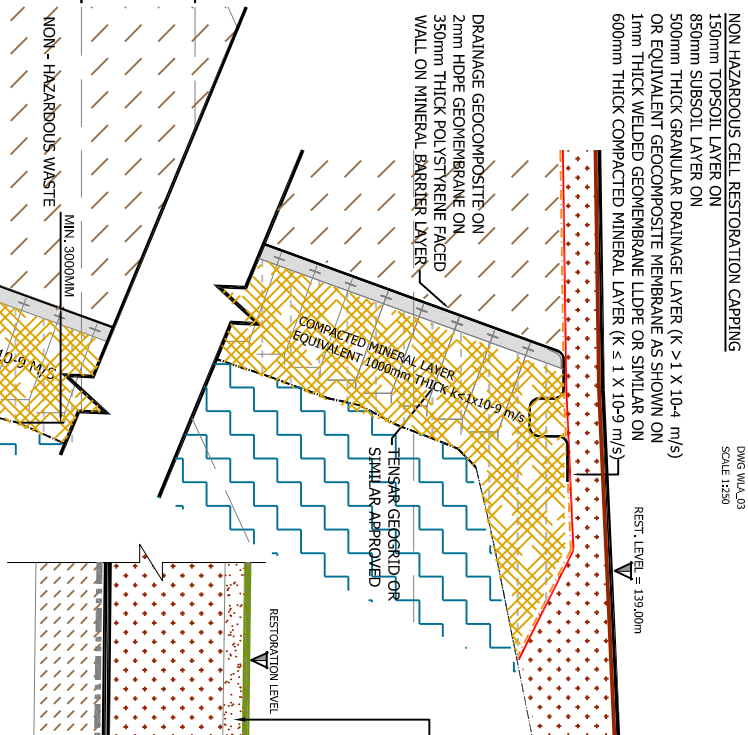
**MEHL INTEGRATED WASTE MANAGEMENT FACILITY**  
HOLLYWOOD GREAT, NAGS HEAD NAUL, CO. DUBLIN

**LINER DETAILS SECTIONS**  
SECTION A-A

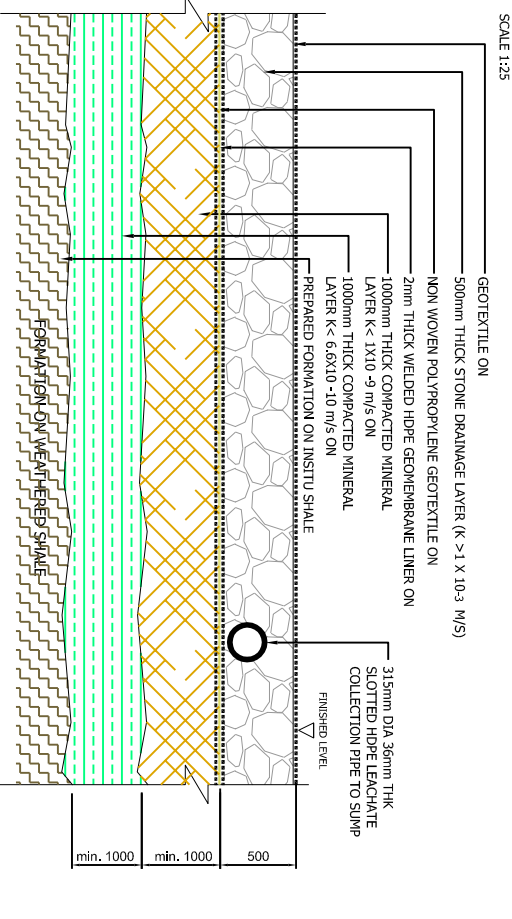


**SITE SECTION B-B**  
DWG WLA\_03  
SCALE 1:250

**SITE SECTION B-B**  
DWG WLA\_03  
SCALE 1:250



**TYPICAL CROSS SECTION 4-4 (THROUGH NON HAZARDOUS CAPPING LAYER)**  
SCALE 1:25



**SITE SECTION B-B**  
DWG WLA\_03  
SCALE 1:250

FILL HATCHED AFTER OVER ROAD WITH NON - HAZARDOUS MATERIAL AFTER NON - HAZARDOUS MATERIAL

HAZARDOUS MAIN CELLS ARE FILLED TO CAPACITY IN ORDER TO MAINTAIN TO USE OF THE ACCESS ROAD FOR AS LONG AS POSSIBLE

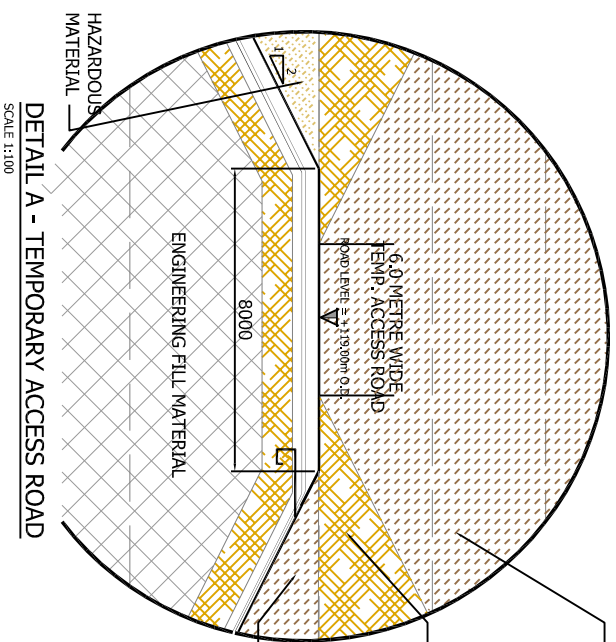
ENGINEERING CLAY MATERIAL - HATCHED THUS - TO BE USED TO FORM EARTH BUNDLS BETWEEN LIFTS

NON-HAZARDOUS MATERIAL

**GENERAL NOTES:**  
ALL LEVELS RELATE TO MALIN HEAD ORNBANCE DATUM.  
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**WASTE LICENCE APPLICATION**

**TYPICAL CROSS SECTION 3-3 (THROUGH NON HAZARDOUS BASAL LINER)**  
SCALE 1:25



FILL HATCHED AFTER OVER ROAD WITH NON - HAZARDOUS MATERIAL AFTER NON - HAZARDOUS MATERIAL

HAZARDOUS MAIN CELLS ARE FILLED TO CAPACITY IN ORDER TO MAINTAIN TO USE OF THE ACCESS ROAD FOR AS LONG AS POSSIBLE

ENGINEERING CLAY MATERIAL - HATCHED THUS - TO BE USED TO FORM EARTH BUNDLS BETWEEN LIFTS

NON-HAZARDOUS MATERIAL

001	WASTE LICENCE APPLICATION	10.12.10	4 Projects
002	amendment		
003			

Client: MEHL INTEGRATED WASTE MANAGEMENT FACILITY  
Location: NAUL, CO DUBLIN  
HOLLYWOOD GREAT, NAGS HEAD

Title: LINER DETAILS SECTIONS SECTION B-B

Project Name: WLA  
Version No.: 01  
Date: 10 Dec 2010  
DWG No: PP\_WLA\_23\_01  
Scale: A1 / A3 (V) (V) (V)

Created By: CF  
Reviewed By: JD  
Signed Off By: HB

Old Bridge House, Strand Street, Co. Westmeath.  
Tel: (01) 947400  
Fax: (01) 947402  
Email: admin@wvg.ie

WVG (Engineering) Ireland Ltd.