Appendix II

Site Development Drawings

For inspection purposes only.
Consent of copyright owner required for any other use.









EPA Export 06-10-2021:02:47:48

TO BALLYMAHON

CUT-OFF DRAIN

AREA OF SPECIAL PRECAUTIONS
AREA SHADED TO BE PROTECTED TO ENSURE THAT THIS AREA IS NOT DISTURBED OR EXPOSED BY ANY PROPOSED WORKS

NEW SIDE SLOPES 1:3

NEW SIDE SLOPES 1:4

10.0m

VENT 3.

VENT 4.

VENT 2.

VENT 1.

BUND No. 2

CROWN LEVEL 60.0m

BUND No. 1

CROWN LEVEL 63.0m

DRAIN AT TOE OF BUND

LAGOON
TOP WATER LEVEL 55.80m

54.25

LAND-DRAIN
300mm X 300mM LAND DRAIN FILLED WITH 25mm STONE

CUT-OFF DRAIN

GAS TRENCH
3.0m DEEP X 1.2m WIDE FILLED WITH 25mm STONE

NOTE
TOE-DRAIN
MAIN BUND TOE 'CUT-OFF' DRAIN 450mm WIDE X 600mm DEEP
SEE DRWG F061-05. FOR DETAILS

LEGEND
CONTOUR
GAS TRENCH
TOE DRAIN
LAND DRAIN
GAS VENT PIPE
VENT 1.

NEW SITE ENTRANCE
4.0m WIDE GALV. AGRIC. GATE WITH HINGES LOCK BOLT, GATE POSTS, RECIEVERS ETC.

NEW BOUNDARY FENCE
REMOVE EXISTING FRONT BOUNDARY FENCE
NEW 1.2m HIGH CHAIN LINK FENCE WITH CONC. POSTS AT 2.0m CTRS SET IN CONC
ALLOW FOR ALL NECESSARY LINE WIRES STRAINING POSTS, RATCHET WIRE STRAINERS ETC.

NEW CUT-OFF DRAIN
1.0m WIDE X 2.0m DEEP FILLED WITH STONE

NOTE
NEW SIDE SLOPES 1:3 FOR FIRST 3.0m IN LEVEL
NEW SIDE SLOPES 1:4 FOR LAST 2.0m IN LEVEL
ALL ARRISES/ SOLPE INTERSECTIONS TO BE ROUNDED OFF BY MAIN CONTRACTOR BY MEANS OF APPROPIATE TRANSITION CURVES

NOTES
ALL LEVELS SHOWN RELATE TO A T.B.M. OF 57.16m ON TOP OF EXISTING FIRE HYDRANT OPPOSITE ENTRANCE GATES
ALL LEVELS ARE IN METRES
ALL DIMENSIONS ARE TO BE CONFIRMED ON SITE
SEE DRAWING F061-03 + 04 FOR DETAILS OF SITE SECTIONS

THIS DRAWING TO BE READ IN COLLABORATION WITH ALL RELEVANT MONITORING REPORTS/ DRAWINGS, PROPOSALS AS FURNISHED BY SPECIALISTS MONITORING AGENCIES PREPARED BY K.T. CULLEN +

rev.	date	amendment	by.
b.	12.01.98	VENTS; DRAINAGE; GAS TRENCH ETC ADDED	JD.
a.	30.01.97	LOCATION OF AREA OF SPECIAL PRECAUTIONS SHOWN	

job. BALLYMAHON LANDFILL SITE
LONGFORD COUNTY COUNCIL

title. PROPOSED SITE LAYOUT.

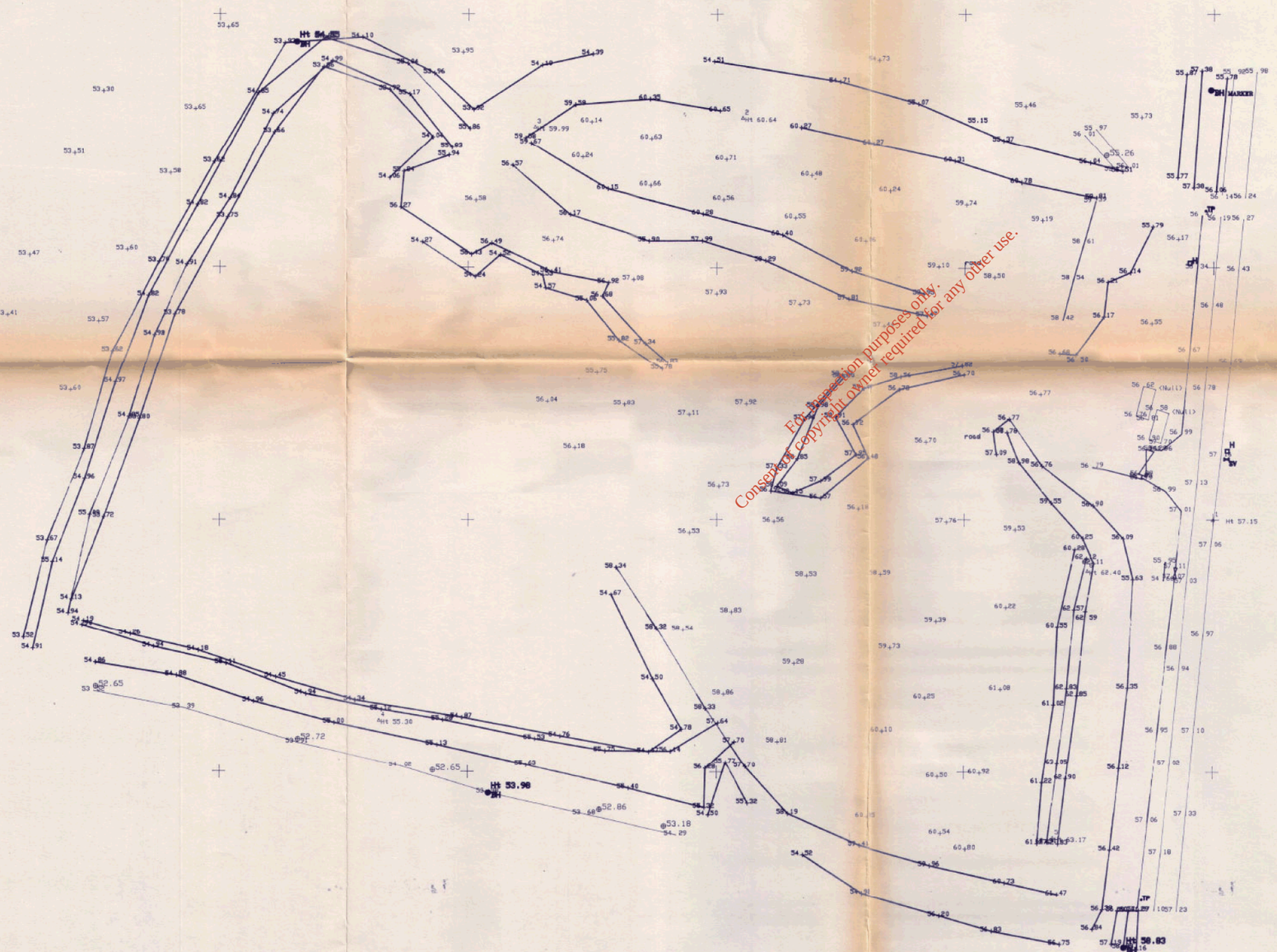
architect.

Malachi Cullen & Partners
CONSULTING CIVIL, STRUCTURAL ENGINEERS & PROJECT MANAGERS
Old Bridge House
Strand Street
Athlone
Co.Westmeath.
Tel: (0902) 74254
Fax: (0902) 78422

scale.	1:500	drawing number.	rev.
date.	MAY 1997.	F061-02.	B.
drawn.	JJD		

For inspection purposes only.
Consent of copyright owner required for any other use.

EPA Export 06-10-2021:02:47:48



For inspection purposes only.
Consent of copyright owner required for any other use.

NOTE:
ALL LEVELS APPROXIMATE TO ROOLBEG ORDNANCE DATUM.
A SITE DATUM LEVEL OF 57.1 OPPOSITE THE SITE ENTRANCE SHALL BECOME A TEMPORARY BENCH MARK.

rev.	date	amendment	by.
b.			
a.			

job.
Longford County Council
Ballymahon Landfill Site.

title.
Site Survey Plan.

architect.

Malachi Cullen & Partners
CONSULTING CIVIL, STRUCTURAL ENGINEERS & PROJECT MANAGERS
Old Bridge House
Strand Street
Athlone
Co.Westmeath.
Tel: (0902) 74264
Fax: (0902) 75422

scale.	1:500	drawing number.	rev.
date.	July 1992.	B064-01.	
drawn.	JD.		

EPA Export 06-10-2021:02:47:48

CUT-OFF DRAIN

CUT-OFF DRAIN

CUT-OFF DRAIN

CUT-OFF DRAIN

CUT-OFF DRAIN

AREA OF SPECIAL PRECAUTIONS
AREA SHADED TO BE PROTECTED TO ENSURE THAT THIS AREA IS NOT DISTURBED OR EXPOSED BY ANY PROPOSED WORKS

TO BALLYMAHON

CELL No. 3

CELL No. 2

CELL No. 1

LAGOON
TOP WATER LEVEL 53.80m

YARD

DEMOLISHED HUTS

EXISTING ACCESS ROAD

ROADWAY FENCE

GATE

SITE ENTRANCE

55.78
59.18
60.102
56.33
60.32
60.03
59.86
59.02
57.68
59.03
57.89
57.14
54.25
58.75
59.77
60.10
56.18
61.79
56.91
56.93
56.79
57.22
H 57.16
SV 57.19
57.73
61.75
57.03
56.87
62.35
60.71
62.36
60.39
60.58
61.08
60.43
60.08
61.40
62.29
56.58
58.43
54.31

A
B
C
D
E

For inspection purposes only.
Consent of copyright owner required for any other use.

NOTES
ALL LEVELS SHOWN RELATE TO A T.B.M. OF 97.16m ON TOP OF EXISTING FIRE HYDRANT OPPOSITE ENTRANCE GATES
ALL DIMENSIONS ARE TO BE CONFIRMED ON SITE
SEE DRAWING F061-05 + 06 FOR DETAILS OF SITE SECTIONS

no.	date	amendment	by
b.			
a.	01.07.97	LOCATION OF AREA OF SPECIAL PRECAUTIONS SHOWN	

job. BALLYMAHON LANDFILL SITE
LONGFORD COUNTY COUNCIL

title. EXISTING SITE SURVEY.

architect.

Malachi Cullen & Partners
CONSULTING CIVIL, STRUCTURAL ENGINEERS & PROJECT MANAGERS
Old Bridge House
Strand Street
Athlone
Co.Westmeath.
Tel: (0902) 74264
Fax: (0902) 78422

scale.	1:500	drawing number	rev.
date.	MAY 1997.	F061-01.	A
drawn	JJD		

EPA Export 06-10-2021:02:47:48

TO BALLYMAHON

CUT-OFF DRAIN

AREA OF SPECIAL PRECAUTIONS
AREA SHADED TO BE PROTECTED TO ENSURE THAT THIS AREA IS NOT DISTURBED OR EXPOSED BY ANY PROPOSED WORKS

NEW SIDE SLOPES 1:3

NEW SIDE SLOPES 1:4

NOTE
TOE-DRAIN.
MAIN BUND TOE 'CUT-OFF' DRAIN
450mm WIDE X 600mm DEEP
SEE DRWG P061-05. FOR DETAILS

BUND No. 2

CROWN LEVEL 60.0m

VENT 3.

VENT 4.

DRAIN AT TOE OF BUND

LEGEND
CONTOUR
GAS TRENCH
TOE DRAIN
LAND DRAIN
GAS VENT PIPE
VENT 1.

LAGOON
TOP WATER LEVEL 53.80m

NEW SITE ENTRANCE
4.0m WIDE GALV. AGRIC. GATE WITH HINGES, LOCK BOLT, GATE POSTS, RECIEVERS ETC.

NEW BOUNDARY FENCE
REMOVE EXISTING FRONT BOUNDARY FENCE
NEW 1.2m HIGH CHAIN LINK FENCE WITH CONC. POSTS AT 2.0m CTRS SET IN CONC. ALLOW FOR ALL NECESSARY LINE WIRES, STRAINING POSTS, RATCHET WIRE STRAINERS ETC.

BUND No. 1

VENT 2.

VENT 1.

CROWN LEVEL 63.0m

LAND-DRAIN
300mm X 300mM LAND DRAIN FILLED WITH 25mm STONE

CUT-OFF DRAIN

GAS TRENCH
3.0m DEEP X 1.2m WIDE FILLED WITH 25mm STONE

NEW CUT-OFF DRAIN
1.0m WIDE X 2.0m DEEP FILLED WITH STONE

NOTE
NEW SIDE SLOPES 1:3 FOR FIRST 3.0m IN LEVEL
NEW SIDE SLOPES 1:4 FOR LAST 2.0m IN LEVEL
ALL ARRISES/ SOLPE INTERSECTIONS TO BE ROUNDED OFF BY MAIN CONTRACTOR BY MEANS OF APPROPIATE TRANSITION CURVES.

NOTES
ALL LEVELS SHOWN RELATE TO A T.B.M. OF 57.16m ON TOP OF EXISTING FIRE HYDRANT OPPOSITE ENTRANCE GATES
ALL LEVELS ARE IN METRES
ALL DIMENSIONS ARE TO BE CONFIRMED ON SITE
SEE DRAWING P061-03 + 04 FOR DETAILS OF SITE SECTIONS

THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL RELEVANT MONITORING REPORTS/ DRAWINGS, PROPOSALS AS FURNISHED BY SPECIALISTS MONITORING AGENCIES PREPARED BY K.T. CULLEN +

rev.	date	amendment	by
b.	12 of 98	VENTS, DRAINAGE, GAS TRENCH ETC ADDED	JD.
a.	10.07.97	LOCATION OF AREA OF SPECIAL PRECAUTIONS SHOWN.	

job. BALLYMAHON LANDFILL SITE
LONGFORD COUNTY COUNCIL

title. PROPOSED SITE LAYOUT.

architect.

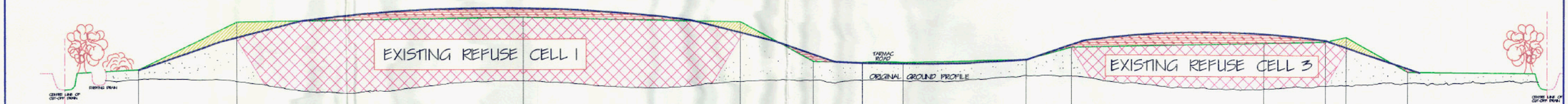
Malachi Cullen & Partners
CONSULTING CIVIL, STRUCTURAL ENGINEERS & PROJECT MANAGERS
Old Bridge House
Strand Street.
Athlone
Co.Westmeath.
Tel: (0902) 74264
Fax: (0902) 78422

scale.	1:500	drawing number.	rev.
date.	MAY 1997.	P061-02	B.
drawn	J.D		

For inspection purposes only.
Consent of copyright owner required for any other use.
EPA Export 06-10-2021:02:47:48

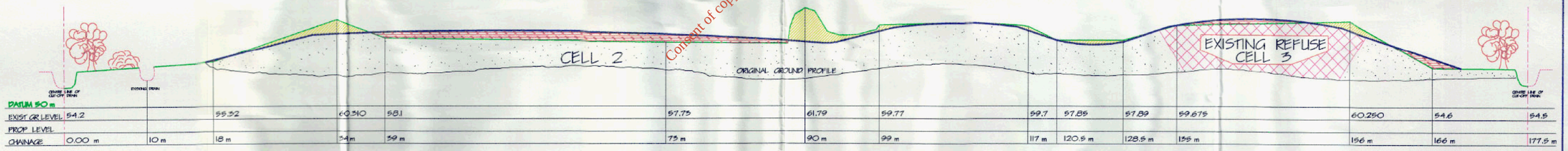
PROPOSED BUND No. 1

PROPOSED BUND No. 2



DATUM 50 m														
EXIST GR LEVEL	0.00 m	56.2	61.845	62.56	61.75	56.99	56.85	56.85	57.15	58.68	59.17	59.34	59.9	55.75	55.65
PROP LEVEL															
CHAINAGE	0.00 m	9.0 m	21 m	56 m	82.5 m	91.5 m	97.5 m	102.5 m	117.5 m	125 m	146.5 m	154 m	156.5 m	164 m	181 m

CROSS SECTION A - A



DATUM 50 m														
EXIST GR LEVEL	54.2		59.32	60.310	58.1	57.75	61.79	59.77	59.7	57.85	57.89	59.675	60.250	54.6	54.5
PROP LEVEL															
CHAINAGE	0.00 m	10 m	18 m	34m	39 m	73 m	90 m	99 m	117 m	120.5 m	128.5 m	135 m	156 m	166 m	177.5 m

CROSS SECTION B - B

DENOTES PROPOSED FILL

DENOTES PROPOSED CUT

DENOTES REFUSE FILL

EXISTING GROUND LEVEL

PROPOSED GROUND LEVEL

rev.	date	amendment	by.
b.			
a.			

job.
LONGFORD COUNTY COUNCIL
BALLYMAHON LANDFILL SITE

title.
CROSS SECTIONS THROUGH SITE

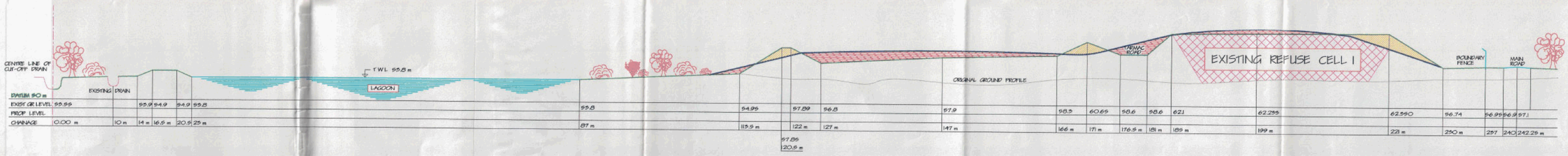
architect.

Malachi Cullen & Partners
CONSULTING CIVIL, STRUCTURAL ENGINEERS & PROJECT MANAGERS
Old Bridge House,
Strand Street,
Athlone,
Co.Westmeath.
Tel: (0902) 74264.
Fax: (0902) 78422.

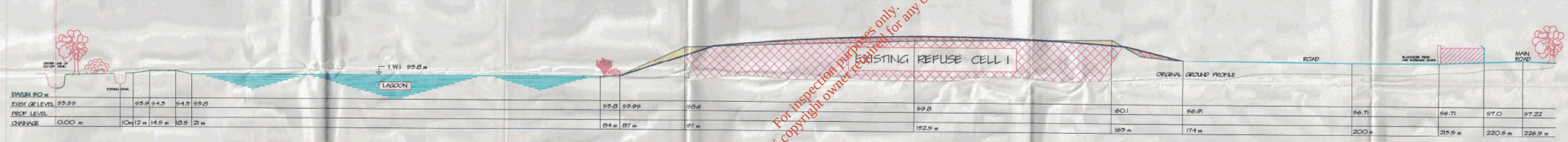
scale.	1:250	drawing number.	rev.
date.	JUNE '97	F061 - 03	
drawn.	J.O'D		

For inspection purposes only.
Consent of copyright owner required for any other use.

EPA Export 06-10-2021:02:47:48



CROSS SECTION C - C



CROSS SECTION D - D

For inspection purposes only.
Consent of copyright owner required for any other use.

DENOTES PROPOSED FILL

DENOTES PROPOSED CUT

DENOTES REFUSE FILL

EXISTING GROUND LEVEL

PROPOSED GROUND LEVEL



CROSS SECTION E - E

rev.	date	amendment	by.
a.			
b.			

job. LONGFORD COUNTY COUNCIL
BALLYMAHON LANDFILL SITE

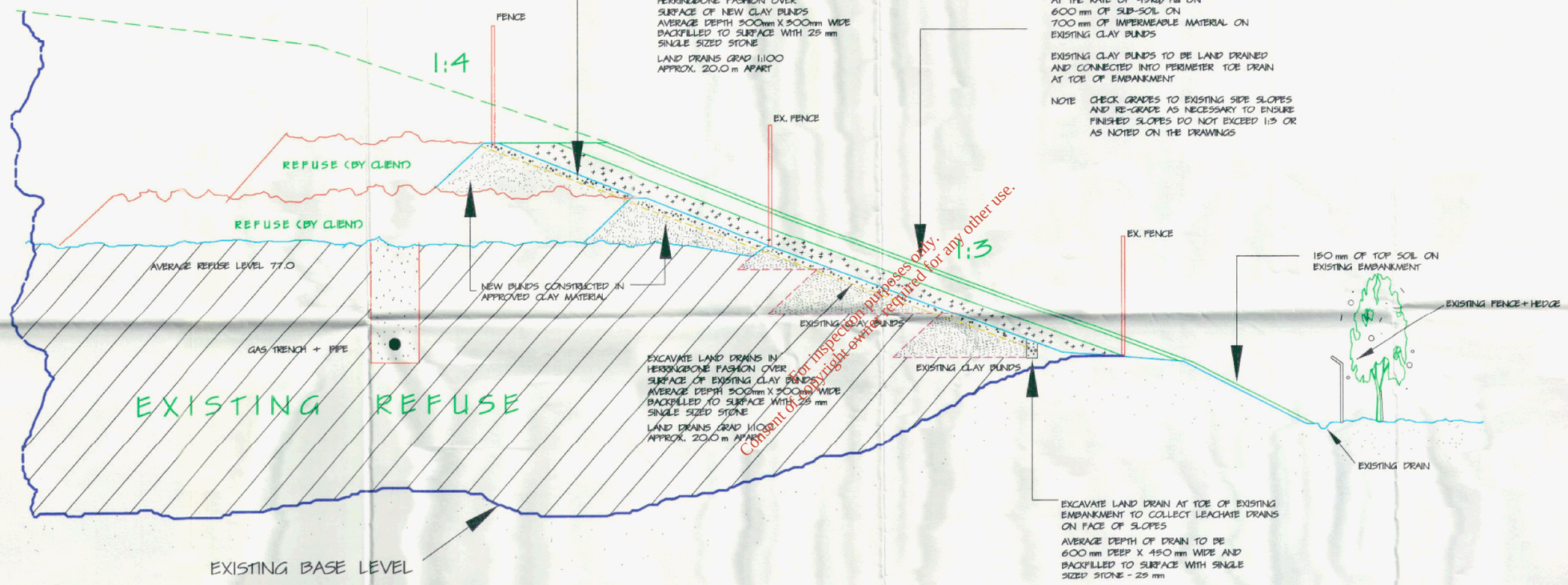
title. CROSS SECTIONS THROUGH SITE

architect.

Malachi Cullen & Partners
CONSULTING CIVIL, STRUCTURAL ENGINEERS & PROJECT MANAGERS
Old Bridge House,
Strand Street,
Athlone,
Co.Westmeath.
Tel: (0902) 74264.
Fax: (0902) 78422.

scale.	1 : 250	drawing number.	rev.
date.	JUNE '97	F061 - 04	
drawn.	J.O'D		

EPA Export 06-10-2021:02:47:48



For inspection purposes only.
Consent of copyright owner required for any other use.

FINAL CAPPING DETAILS OF SIDE EMBANKMENT - 1:100 H+V

rev.	date	amendment	by.
b.			
a.			

job. LONGFORD COUNTY COUNCIL BALLYMAHON LANDFILL SITE

title. DETAILS OF COVER MATERIAL

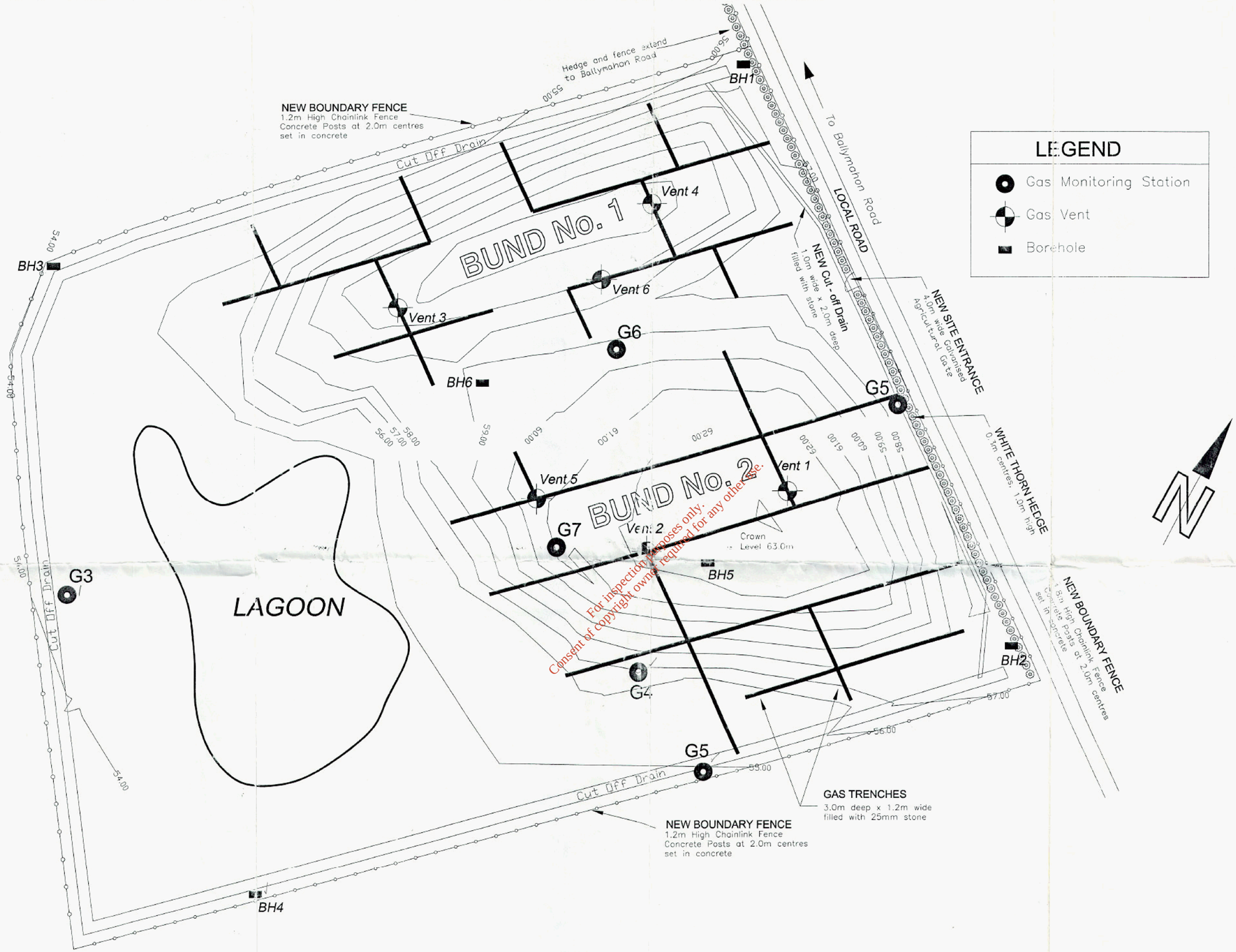
architect.

Malachi Cullen & Partners
CONSULTING CIVIL, STRUCTURAL ENGINEERS & PROJECT MANAGERS
Old Bridge House, Strand Street, Athlone, Co.Westmeath.
Tel: (0902) 74384. Fax: (0902) 75452.

scale.	1:100	drawing number.	rev.
date.	JUNE 1997.	F061-05.	
drawn.	JJP		

CAD File Ref. No. CAD_NO

EPA Export 06-10-2021:02:47:48



For inspection purposes only.
Consent of copyright owner required for any other use.

Wills Bros. Ltd.
Civil Engineering Contractors

Ballylahan Bridge,
Foxford,
Co. Mayo.
Telephone: 094 - 56221
Facsimile: 094 - 56221

Rev	By	Date	Description

Project:	Ballymahon Landfill Site
Component:	Reinstatement
Title:	As-built details
Designed:	File Name:
Drawn:	Scales: 1:500
Checked:	Date: 26th February 2001
	Drawing No. BLS-01

EPA Export 06-10-2021:02:47:48