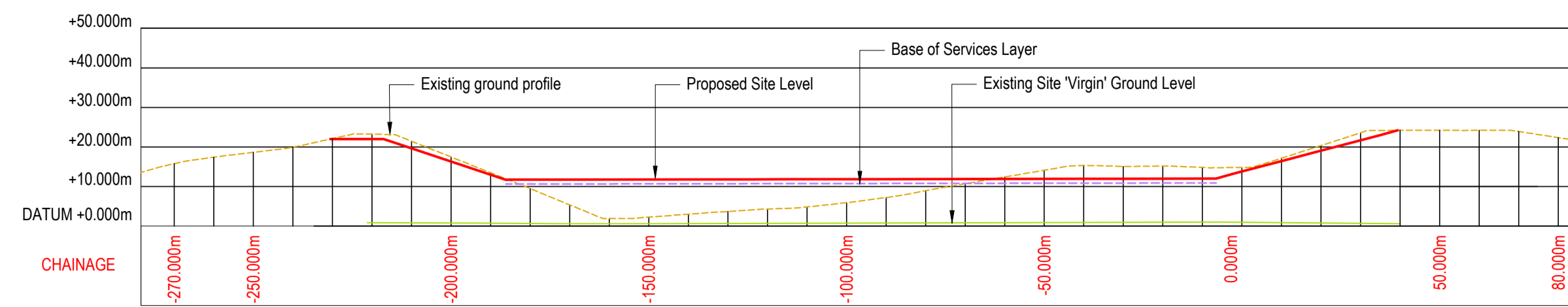


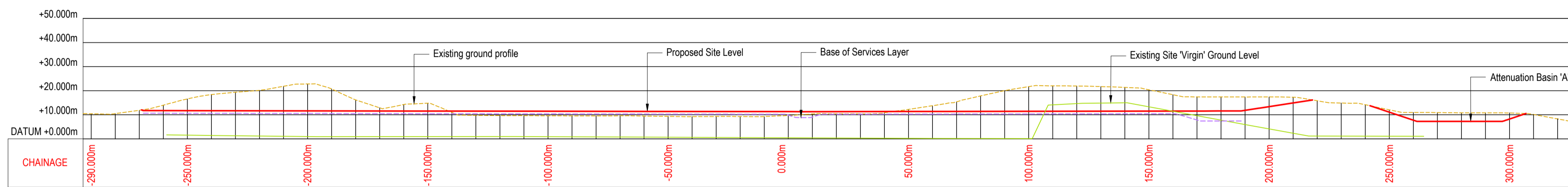
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REV	DATE	DESCRIPTION	DRW	CHK
P01	10.05.24	ISSUED FOR INFORMATION	NTW	ATE
P02	17.05.24	ISSUED FOR INFORMATION SECTIONS UPDATED.	NTW	AND
P03	24.05.24	ISSUED FOR INFORMATION TITLE BLOCK UPDATED. SECTION F-F UPDATED.	NTW	AND

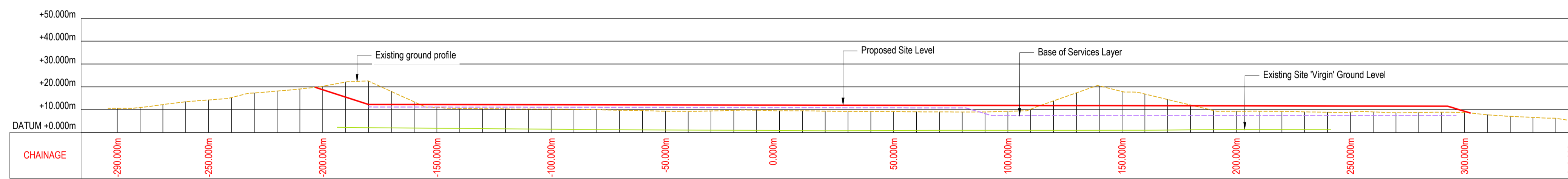
NOTES
 1. FOR SECTION LOCATIONS REFER TO DRG. No. P23165-ZZ-XX-DR-C-?????



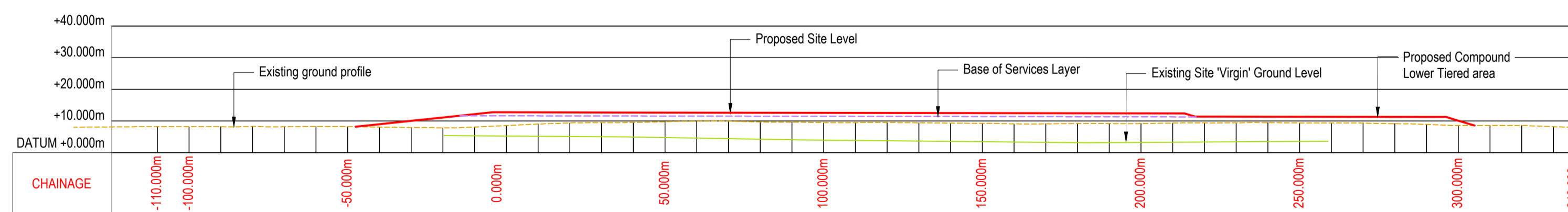
SECTION E-E
 1:1250



SECTION F-F
 1:1250



SECTION G-G
 1:1250



SECTION H-H
 1:1250

Client
 THORPE MARSH GREEN ENERGY HUB LIMITED

Project Title
 THORPE MARSH LANDFILL (EPR/CP3091SC/V002)

Drawing Title
 PROPOSED LANDFILL CELL INDICATIVE SECTIONS
 SHEET 2

Job No.	Originator	Zone	Level	Type	Rate	Drawing No.	Revision
P23165	SMCE	ZZ	XX	DR	C	0106	P03

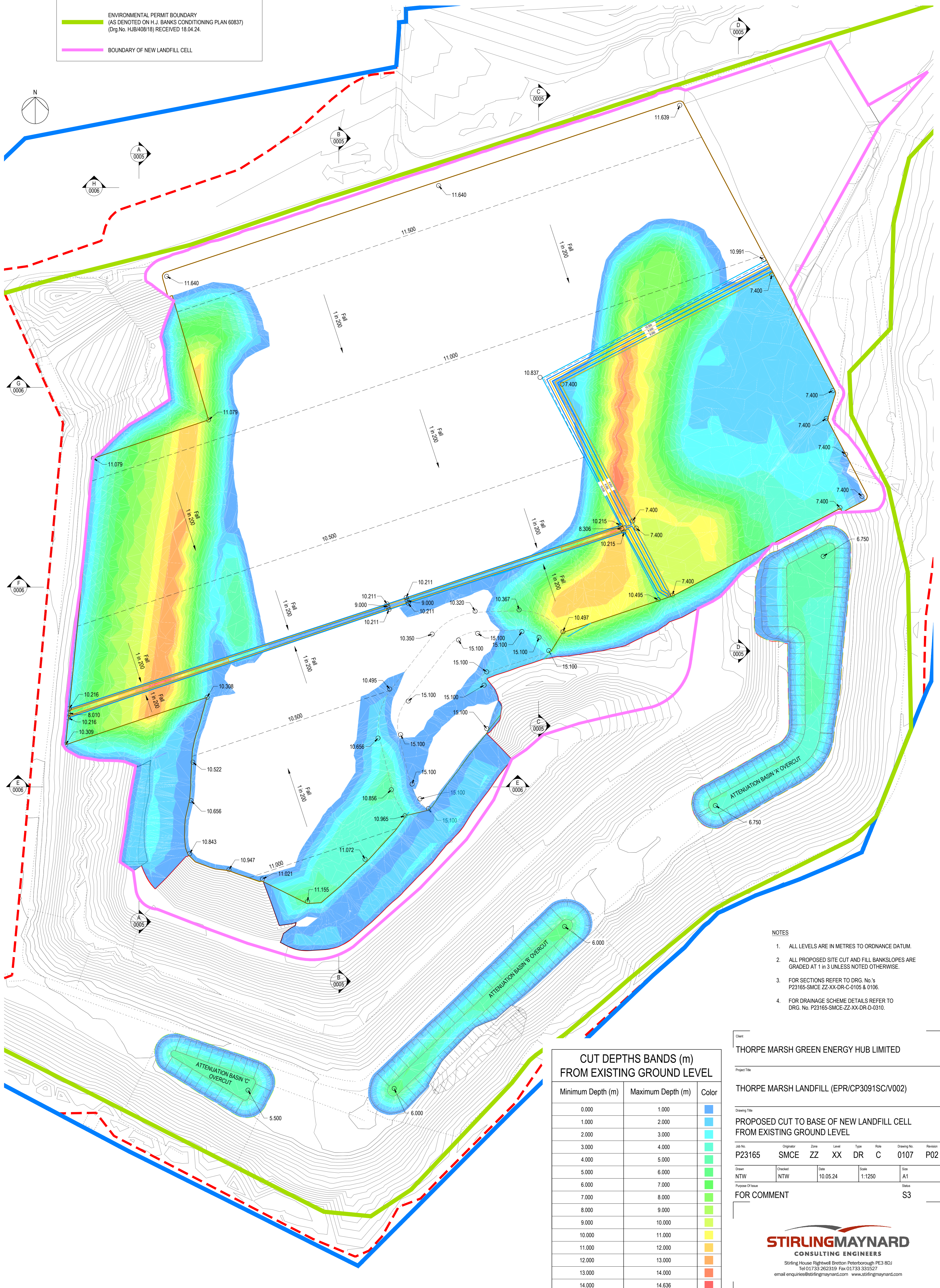
Drawn	Checked	Date	Scale	Size
NTW	ATE	01.02.24	As Shown	A1

Purpose Of Issue
 FOR COMMENT
 Status
 S3



LEGEND

- LAND OWNERSHIP BOUNDARY
- - - PLANNING RED LINE BOUNDARY
- ENVIRONMENTAL PERMIT BOUNDARY
(AS DENOTED ON H.J. BANKS CONDITIONING PLAN 60837)
(Drg.No. HJBI408/18) RECEIVED 18.04.24.
- BOUNDARY OF NEW LANDFILL CELL



- NOTES**
- ALL LEVELS ARE IN METRES TO ORDNANCE DATUM.
 - ALL PROPOSED SITE CUT AND FILL BANKSLOPES ARE GRADED AT 1 in 3 UNLESS NOTED OTHERWISE.
 - FOR SECTIONS REFER TO DRG. No.'s P23165-SMCE ZZ-XX-DR-C-0105 & 0106.
 - FOR DRAINAGE SCHEME DETAILS REFER TO DRG. No. P23165-SMCE-ZZ-XX-DR-D-0310.

**CUT DEPTHS BANDS (m)
FROM EXISTING GROUND LEVEL**

Minimum Depth (m)	Maximum Depth (m)	Color
0.000	1.000	Blue
1.000	2.000	Light Blue
2.000	3.000	Cyan
3.000	4.000	Teal
4.000	5.000	Green
5.000	6.000	Light Green
6.000	7.000	Yellow-Green
7.000	8.000	Yellow
8.000	9.000	Orange
9.000	10.000	Light Orange
10.000	11.000	Yellow-Orange
11.000	12.000	Orange
12.000	13.000	Red-Orange
13.000	14.000	Red
14.000	14.636	Dark Red

Client
THORPE MARSH GREEN ENERGY HUB LIMITED

Project Title
THORPE MARSH LANDFILL (EPR/CP3091SC/V002)

Drawing Title
**PROPOSED CUT TO BASE OF NEW LANDFILL CELL
FROM EXISTING GROUND LEVEL**

Job No.	Originator	Zone	Level	Type	Role	Drawing No.	Revision
P23165	SMCE	ZZ	XX	DR	C	0107	P02

Drawn	Checked	Date	Scale	Size
NTW	NTW	10.05.24	1:1250	A1

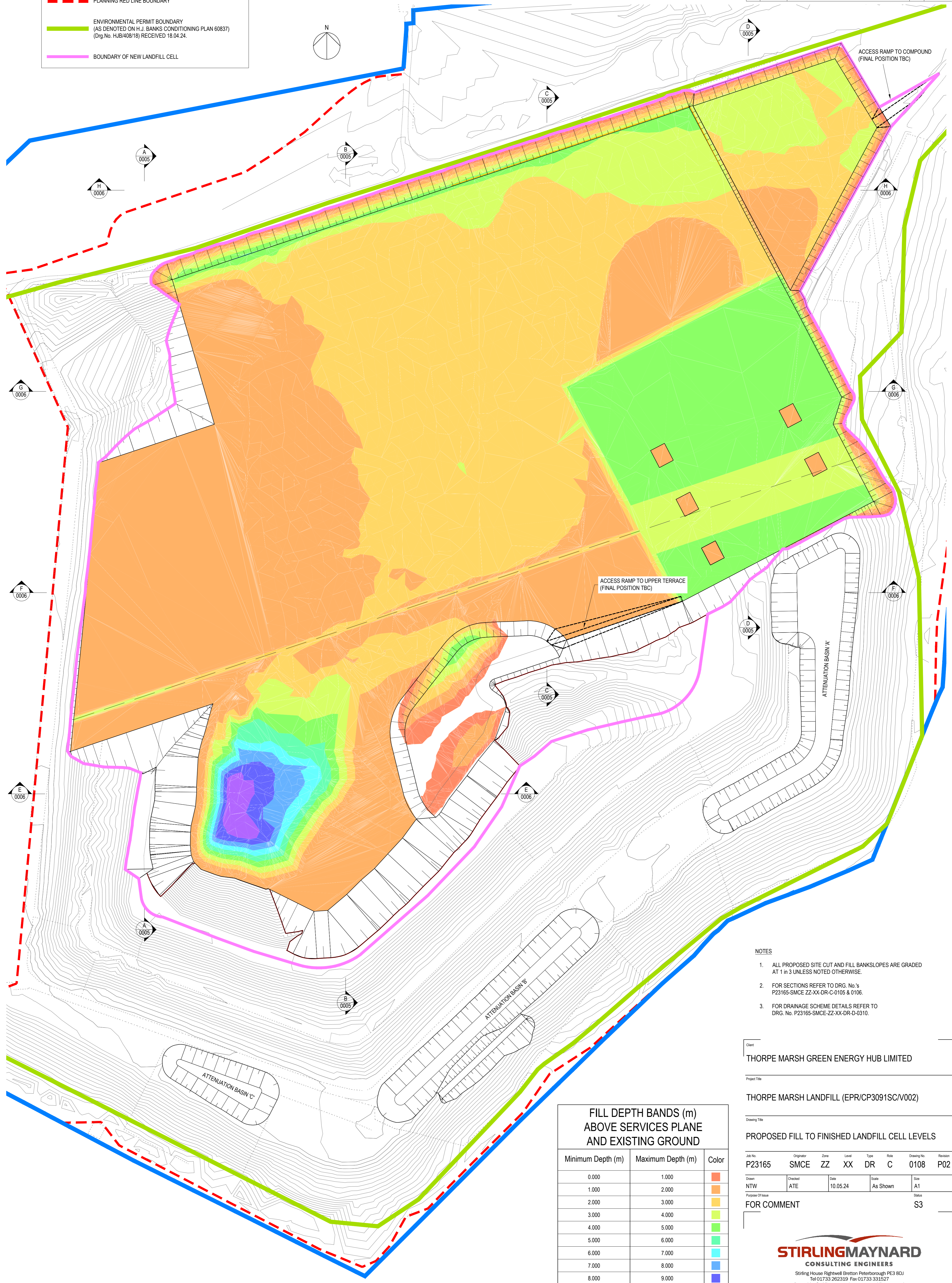
Purpose Of Issue
FOR COMMENT Status
S3

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REV	DATE	DESCRIPTION	DRW	CHK
P01	17.05.24	ISSUED FOR INFORMATION	NTW	AND
P02	24.05.24	ISSUED FOR INFORMATION. TITLE BLOCK UPDATED. LAND FILL CELL BOUNDARY UPDATED TO NORTH EAST SITE CORNER. ATTENUATION BASIN PROFILES UPDATED.	NTW	AND

LEGEND

	LAND OWNERSHIP BOUNDARY
	PLANNING RED LINE BOUNDARY
	ENVIRONMENTAL PERMIT BOUNDARY (AS DENOTED ON H.J. BANKS CONDITIONING PLAN 60837) (Drg.No. HJB/408/18) RECEIVED 18.04.24.
	BOUNDARY OF NEW LANDFILL CELL



- NOTES**
- ALL PROPOSED SITE CUT AND FILL BANKSLOPES ARE GRADED AT 1 IN 3 UNLESS NOTED OTHERWISE.
 - FOR SECTIONS REFER TO DRG. No.'s P23165-SMCE ZZ-XX-DR-C-0105 & 0106.
 - FOR DRAINAGE SCHEME DETAILS REFER TO DRG. No. P23165-SMCE-ZZ-XX-DR-D-0310.

Client
THORPE MARSH GREEN ENERGY HUB LIMITED

Project Title
THORPE MARSH LANDFILL (EPR/CP3091SC/V002)

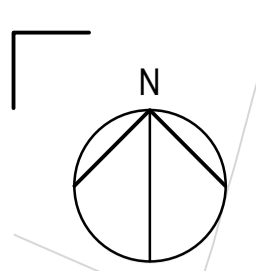
Drawing Title
PROPOSED FILL TO FINISHED LANDFILL CELL LEVELS

Job No.	Originator	Zone	Level	Type	Role	Drawing No.	Revision
P23165	SMCE	ZZ	XX	DR	C	0108	P02
Drawn	Checked	Date	Scale	Size			
NTW	ATE	10.05.24	As Shown	A1			
Purpose Of Issue							Status
FOR COMMENT							S3

FILL DEPTH BANDS (m) ABOVE SERVICES PLANE AND EXISTING GROUND

Minimum Depth (m)	Maximum Depth (m)	Color
0.000	1.000	Orange
1.000	2.000	Light Orange
2.000	3.000	Yellow
3.000	4.000	Light Green
4.000	5.000	Green
5.000	6.000	Light Blue
6.000	7.000	Blue
7.000	8.000	Dark Blue
8.000	9.000	Purple
9.000	9.881	Dark Purple

STIRLINGMAYNARD
 CONSULTING ENGINEERS
 Stirling House, Roughton, Breton, Peterborough PE3 8DU
 Tel: 01733 262319 Fax: 01733 331527
 email: enquiries@stirlingmaynard.com www.stirlingmaynard.com



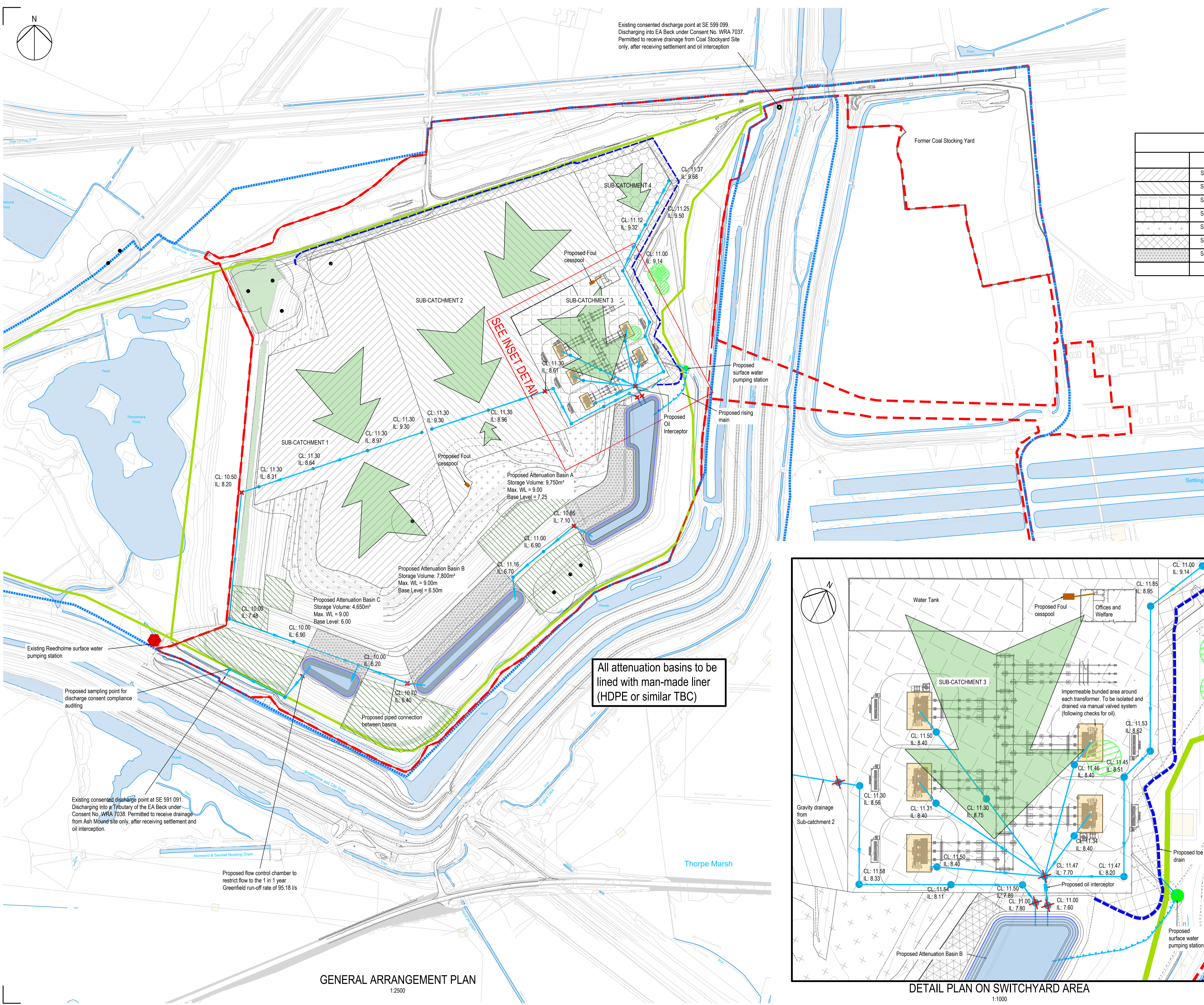
Existing consented discharge point at SE 599 099.
Discharging into EA Beck under Consent No. WRA 7037.
Permitted to receive drainage from Coal Stockyard Site only, after receiving settlement and oil interception

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REV	DATE	DESCRIPTION	DRW	CHK
P01	10.05.24	FIRST ISSUE	AND	ATE
P02	21.05.24	BASIN SIZES AND POSITIONS UPDATED.	AND	ATE
P03	24.05.24	SUB-CATCHMENT 7 ADDED. DISCHARGE RATE UPDATED TO 1 IN 1 YEAR GREENFIELD RUN OFF. PIPEWORK ROUTE FROM BASIN C TO OUTFALL UPDATED. CESSPOOL REMOVED FROM AREA TO NORTH EAST.	AND	ATE
P04	27.05.24	TITLE BLOCK UPDATED.	AND	ATE

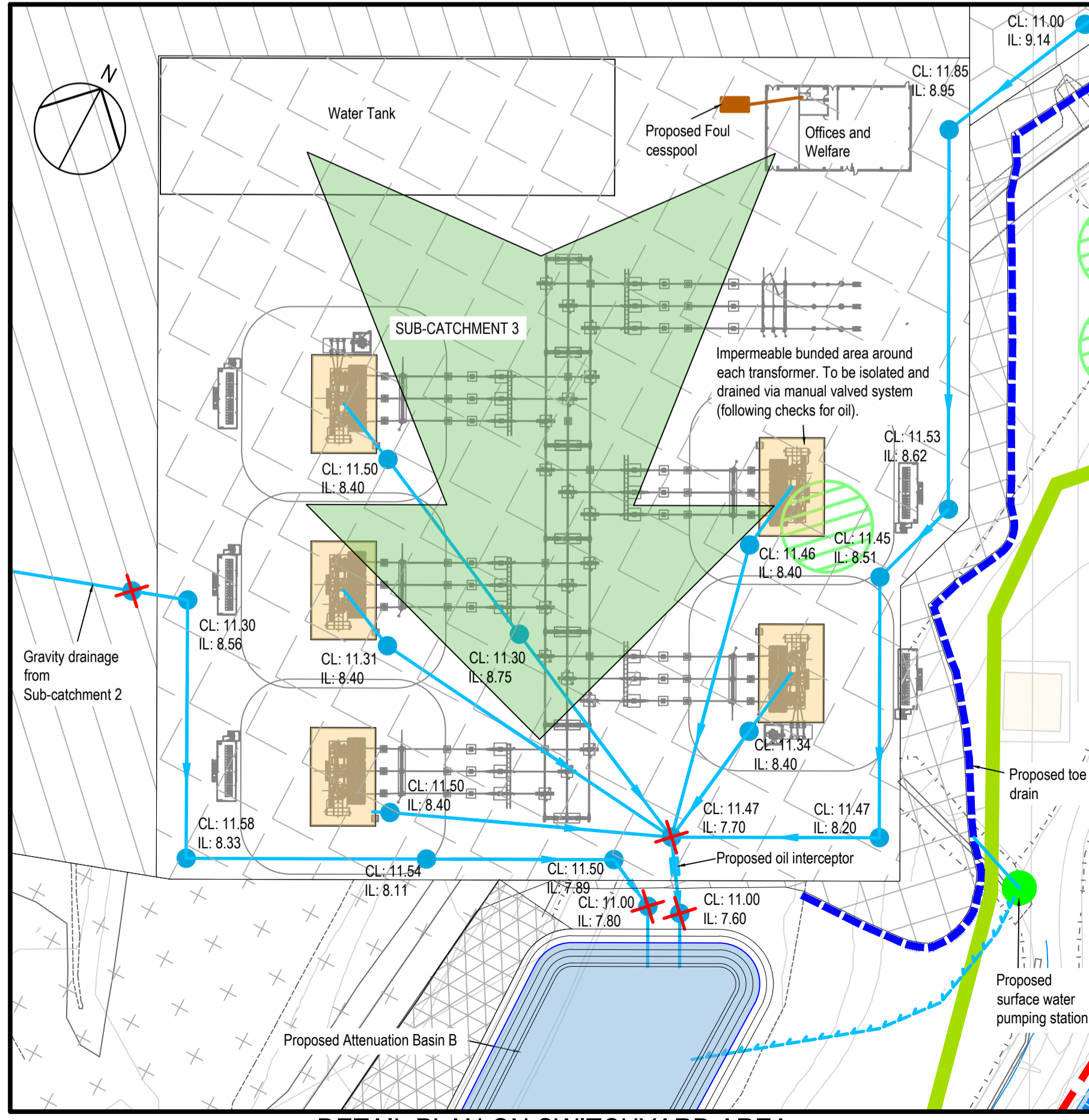
CATCHMENT AREAS			Area [m ²]
Catchment	Description		
Sub-Catchment 1	General development area		82,000
Sub-Catchment 2	General development area		88,000
Sub-Catchment 3	Switchyard area		31,500
Sub-Catchment 4	Poss. welfare area		12,550
Sub-Catchment 5	Internal slopes draining onto development area		39,250
Sub-Catchment 6	External formed slopes - being picked up by toe drains		10,750
Sub-Catchment 7	Existing external slopes draining towards attenuation basins		18,185
TOTAL			282,235

- KEY:**
- Planning red line boundary
 - Land ownership boundary
 - Environmental permit boundary (as denoted on H.J Banks Conditioning Plan 60837 - Drg. No. HJB/408/18)
 - General surface water drainage falls. Drainage to be via a system of gravel filter drains with perforated pipes. System to be designed to accommodate 100% of the surface water with no allowance for infiltration
 - Proposed surface water drain
 - Proposed surface water manhole
 - ✕ Proposed surface water manhole with isolation point
 - Proposed foul water drain
 - Existing Reedholme surface water pumping station
 - Proposed impermeable bunded area around each transformer. To be isolated and drained via a manual valved system (following checks for oil).
 - Proposed toe drain around newly formed embankments.
 - Proposed surface water pumping station.
 - Proposed surface water rising main.
 - Existing wooded area.



SEE INSET DETAIL

All attenuation basins to be lined with man-made liner (HDPE or similar TBC)



CONFIDENTIAL

Client: **THORPE MARSH GREEN ENERGY HUB LIMITED**

Project Title: **THORPE MARSH LANDFILL (EPR/CP3091SC/V002)**

Drawing Title: **INDICATIVE DRAINAGE STRATEGY FOR DEVELOPMENT AREA**

Job No. P23165	Originator SMCE	Zone ZZ	Level XX	Type DR	Rate D	Drawing No. 0310	Revision P04
Drawn AND	Checked ATE	Date 08.05.24	Scale As Shown	Sheet A1			

Purpose Of Issue: **FOR COMMENT** Status: **S3**

STIRLINGMAYNARD
CONSULTING ENGINEERS
Stirling House Rightwell Breton Peterborough PE3 8DJ
Tel 01733 262319 Fax 01733 331527
email enquiries@stirlingmaynard.com www.stirlingmaynard.com

GENERAL ARRANGEMENT PLAN
1:2500

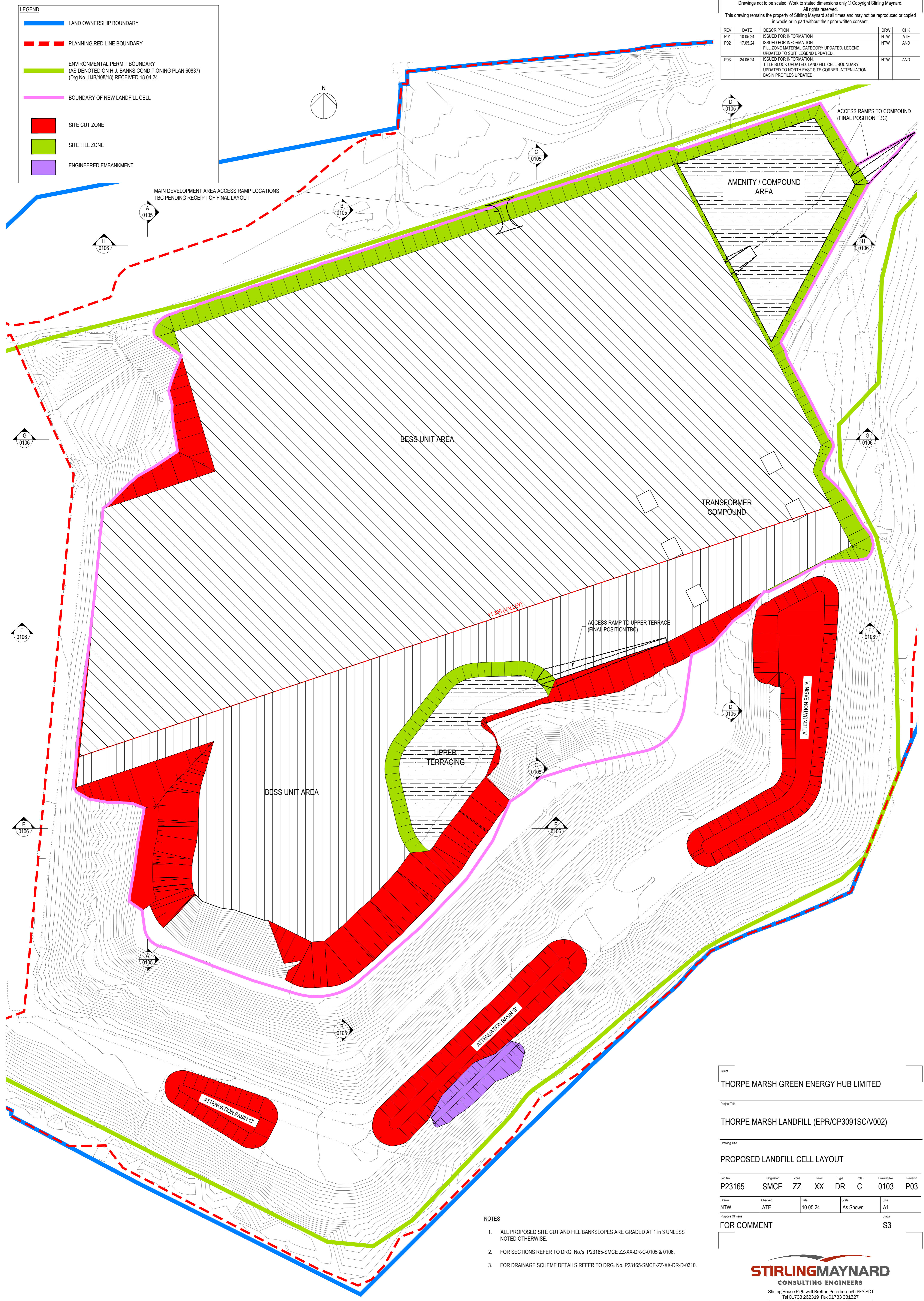
DETAIL PLAN ON SWITCHYARD AREA
1:1000

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REV	DATE	DESCRIPTION	DRW	CHK
P01	10.05.24	ISSUED FOR INFORMATION	NTW	ATE
P02	17.05.24	ISSUED FOR INFORMATION. FILL ZONE MATERIAL CATEGORY UPDATED. LEGEND UPDATED TO SUIT. LEGEND UPDATED.	NTW	AND
P03	24.05.24	ISSUED FOR INFORMATION. TITLE BLOCK UPDATED. LAND FILL CELL BOUNDARY UPDATED TO NORTH EAST SITE CORNER. ATTENUATION BASIN PROFILES UPDATED.	NTW	AND

LEGEND

	LAND OWNERSHIP BOUNDARY
	PLANNING RED LINE BOUNDARY
	ENVIRONMENTAL PERMIT BOUNDARY (AS DENOTED ON H.J. BANKS CONDITIONING PLAN 60837) (Drg No. HJB/408/18) RECEIVED 18.04.24.
	BOUNDARY OF NEW LANDFILL CELL
	SITE CUT ZONE
	SITE FILL ZONE
	ENGINEERED EMBANKMENT



Client: **THORPE MARSH GREEN ENERGY HUB LIMITED**

Project Title: **THORPE MARSH LANDFILL (EPR/CP3091SC/V002)**

Drawing Title: **PROPOSED LANDFILL CELL LAYOUT**

Job No.	Originator	Zone	Level	Type	Role	Drawing No.	Revision
P23165	SMCE	ZZ	XX	DR	C	0103	P03

Drawn	Checked	Date	Scale	Size
NTW	ATE	10.05.24	As Shown	A1

Purpose of Issue: **FOR COMMENT** Status: **S3**

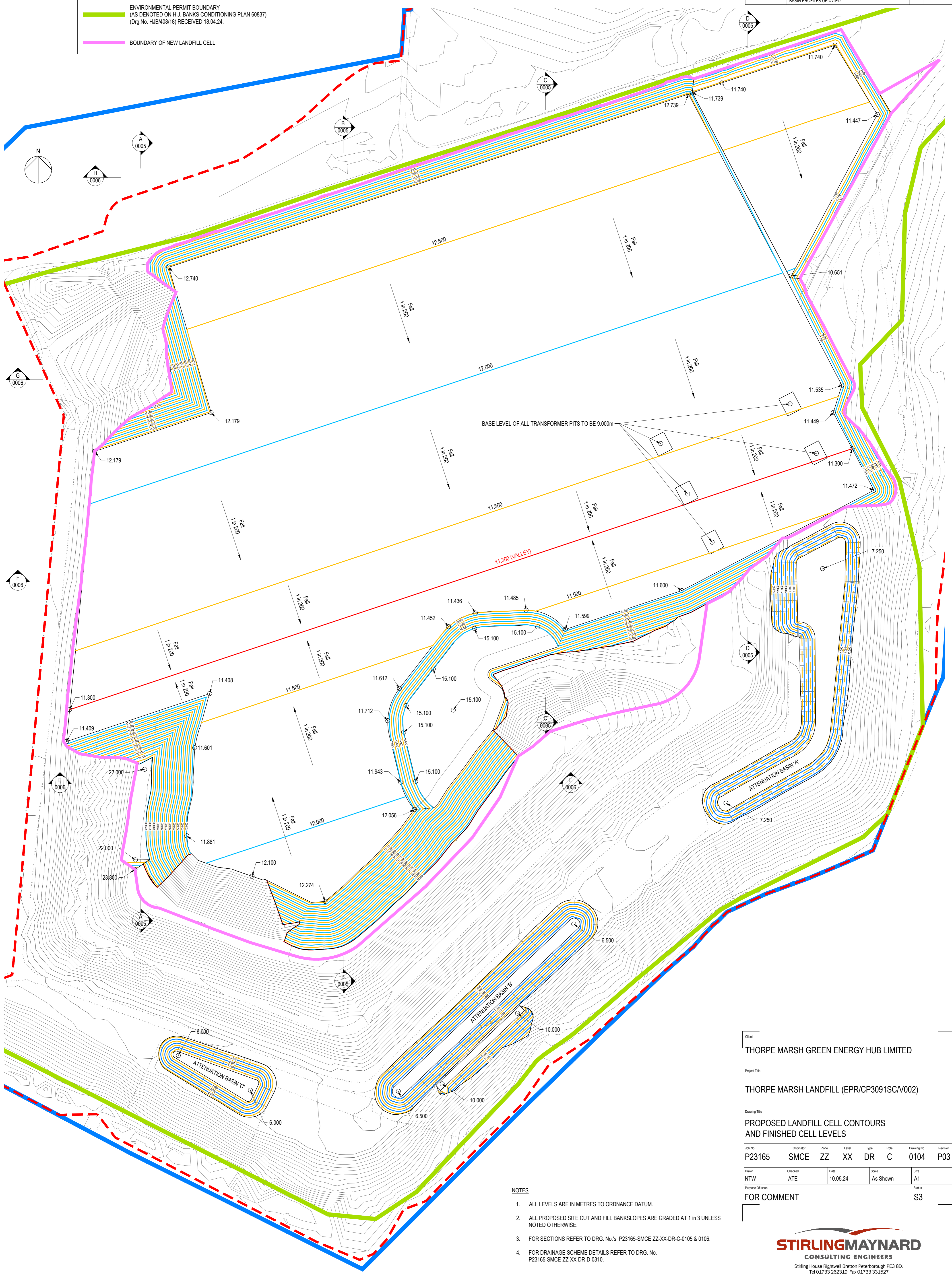
- NOTES**
- ALL PROPOSED SITE CUT AND FILL BANKSLOPES ARE GRADED AT 1 IN 3 UNLESS NOTED OTHERWISE.
 - FOR SECTIONS REFER TO DRG. No.'s P23165-SMCE-ZZ-XX-DR-C-0105 & 0106.
 - FOR DRAINAGE SCHEME DETAILS REFER TO DRG. No. P23165-SMCE-ZZ-XX-DR-D-0310.

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REV	DATE	DESCRIPTION	DRW	CHK
P01	10.05.24	ISSUED FOR INFORMATION	NTW	ATE
P02	17.05.24	ISSUED FOR INFORMATION ATTENUATION POND LINK CHANNELS ADDED. LEGEND UPDATED.	NTW	AND
P03	24.05.24	ISSUED FOR INFORMATION TITLE BLOCK UPDATED. LAND FILL CELL BOUNDARY UPDATED TO NORTH EAST SITE CORNER. ATTENUATION BASIN PROFILES UPDATED.	NTW	AND

LEGEND

- LAND OWNERSHIP BOUNDARY
- PLANNING RED LINE BOUNDARY
- ENVIRONMENTAL PERMIT BOUNDARY (AS DENOTED ON H.J. BANKS CONDITIONING PLAN 60837) (Drg.No. HJB/408/18) RECEIVED 18.04.24.
- BOUNDARY OF NEW LANDFILL CELL



Client: **THORPE MARSH GREEN ENERGY HUB LIMITED**

Project Title: **THORPE MARSH LANDFILL (EPR/CP3091SC/V002)**

Drawing Title: **PROPOSED LANDFILL CELL CONTOURS AND FINISHED CELL LEVELS**

Job No.	Originator	Zone	Level	Type	Role	Drawing No.	Revision
P23165	SMCE	ZZ	XX	DR	C	0104	P03

Drawn	Checked	Date	Scale	Size
NTW	ATE	10.05.24	As Shown	A1

Purpose Of Issue: **FOR COMMENT** Status: **S3**

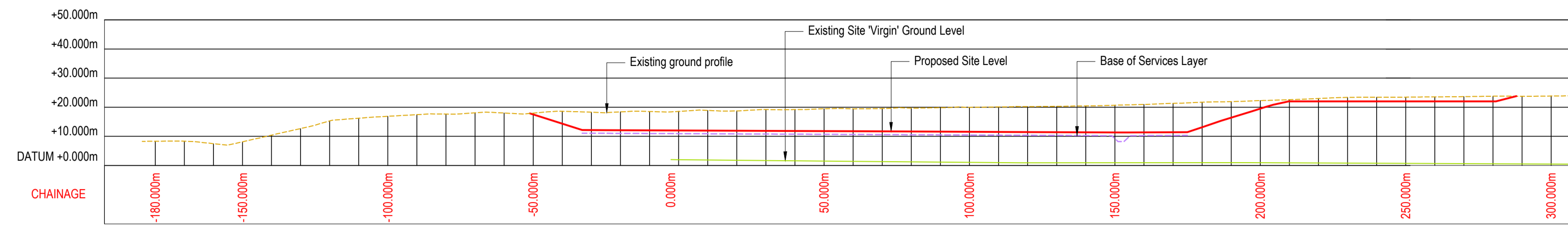
- NOTES**
- ALL LEVELS ARE IN METRES TO ORDNANCE DATUM.
 - ALL PROPOSED SITE CUT AND FILL BANKSLOPES ARE GRADED AT 1 in 3 UNLESS NOTED OTHERWISE.
 - FOR SECTIONS REFER TO DRG. No.'s P23165-SMCE ZZ-XX-DR-C-0105 & 0106.
 - FOR DRAINAGE SCHEME DETAILS REFER TO DRG. No. P23165-SMCE-ZZ-XX-DR-D-0310.



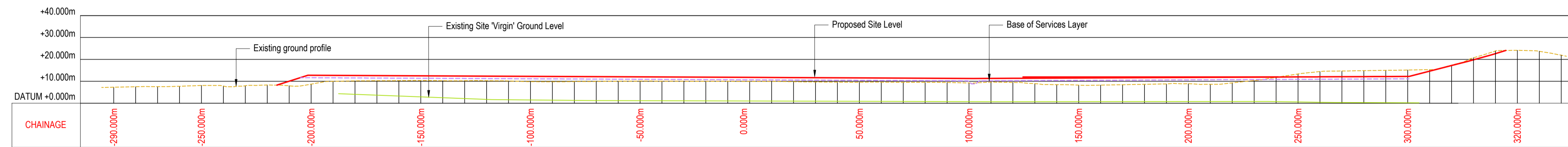
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REV	DATE	DESCRIPTION	DRW	CHK
P01	10.05.24	ISSUED FOR INFORMATION	NTW	ATE
P02	17.05.24	ISSUED FOR INFORMATION SECTIONS UPDATED.	NTW	AND
P03	24.05.24	ISSUED FOR INFORMATION TITLE BLOCK UPDATED.	NTW	ATE

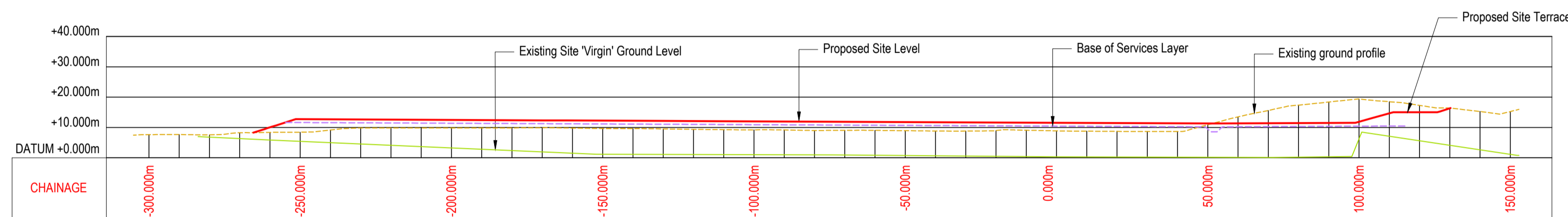
- NOTES
- FOR SECTION LOCATIONS REFER TO DRG. No. P23165-ZZ-XX-DR-C-0103 & 0104



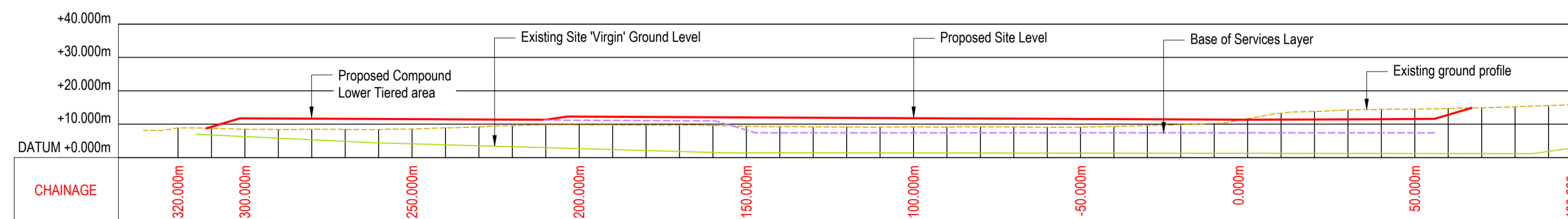
SECTION A-A
1:1250



SECTION B-B
1:1250



SECTION C-C
1:1250



SECTION D-D
1:1250

Client
THORPE MARSH GREEN ENERGY HUB LIMITED

Project Title
THORPE MARSH LANDFILL (EPR/CP3091SC/V002)

Drawing Title
PROPOSED LANDFILL CELL INDICATIVE SECTIONS
SHEET 1

Job No.	Originator	Zone	Level	Type	Role	Drawing No.	Revision
P23165	SMCE	ZZ	XX	DR	C	0105	P03

Drawn	Checked	Date	Scale	Size
NTW	ATE	01.02.24	As Shown	A1

Purpose Of Issue	Status
FOR COMMENT	S3