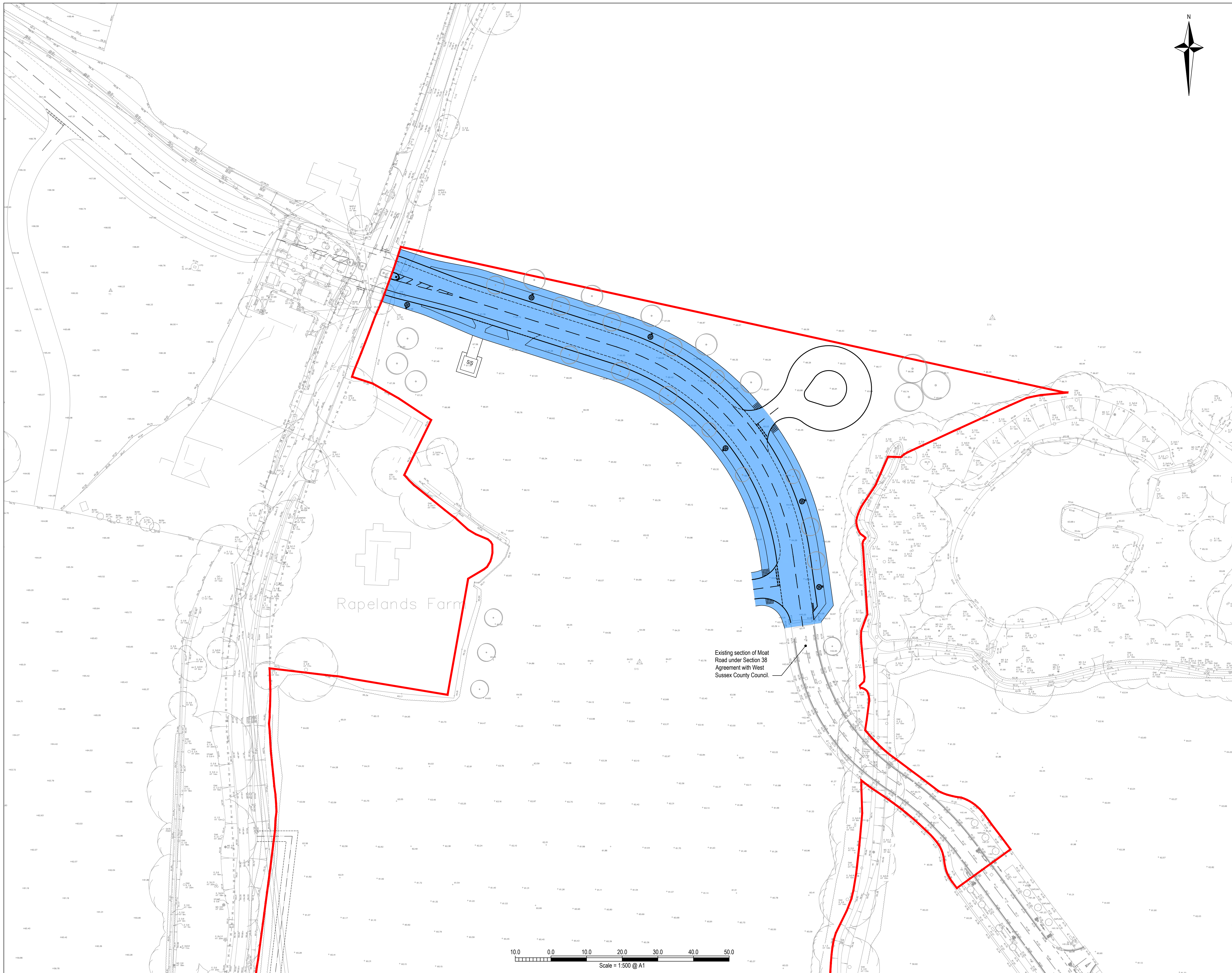




NOTES

1. This drawing is to be read in conjunction with all relevant documents and specifications.
2. Scaleable for planning purposes only.
3. This drawing has been prepared for information purposes only and must not be used for tender of construction purposes.
4. White lining is show indicatively only and subject to detailed design.
5. Tactile paving requirements to be confirmed at detailed design.
6. Adoption plan details the extents of the highway being offered for adoption as part of the Moat Road Extension reserved matters application.

KEY

Extent of highway to be offered for adoption subject to detailed design and amendments requested by WSCC as part of the Section 38 process.

P5	Soft landscaping proposals updated.	06/03/2024	MM	CS
Rev.	Description	Date	By	Chkd



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Client:		Legal & General (Strategic Land North Horsham) Ltd	
Project:		Mowbray (Land North of Horsham)	
Title:		Moat Road Extension Adoption Plan	
Engineer: C. Salt		Date: February 2024	
Director: J. Birch		Scale: 1:500 @ A1	
Status:		PLANNING	
Drawing No.		MOW-GLA-MRE-PHI-D-C-1001	
Rev		P5	

WORKS TO FORM THE OLD HOLBROOK CROSSROADS IN ACCORDANCE WITH THE DETAILS SHOWN ON DRAWING NUMBER 25216/5506/007B AS APPROVED BY THE OUTLINE PLANNING PERMISSION (DC/16/1677). ARRANGEMENT SUBJECT TO DETAILED DESIGN AND SHOWN FOR CONTEXT ONLY.

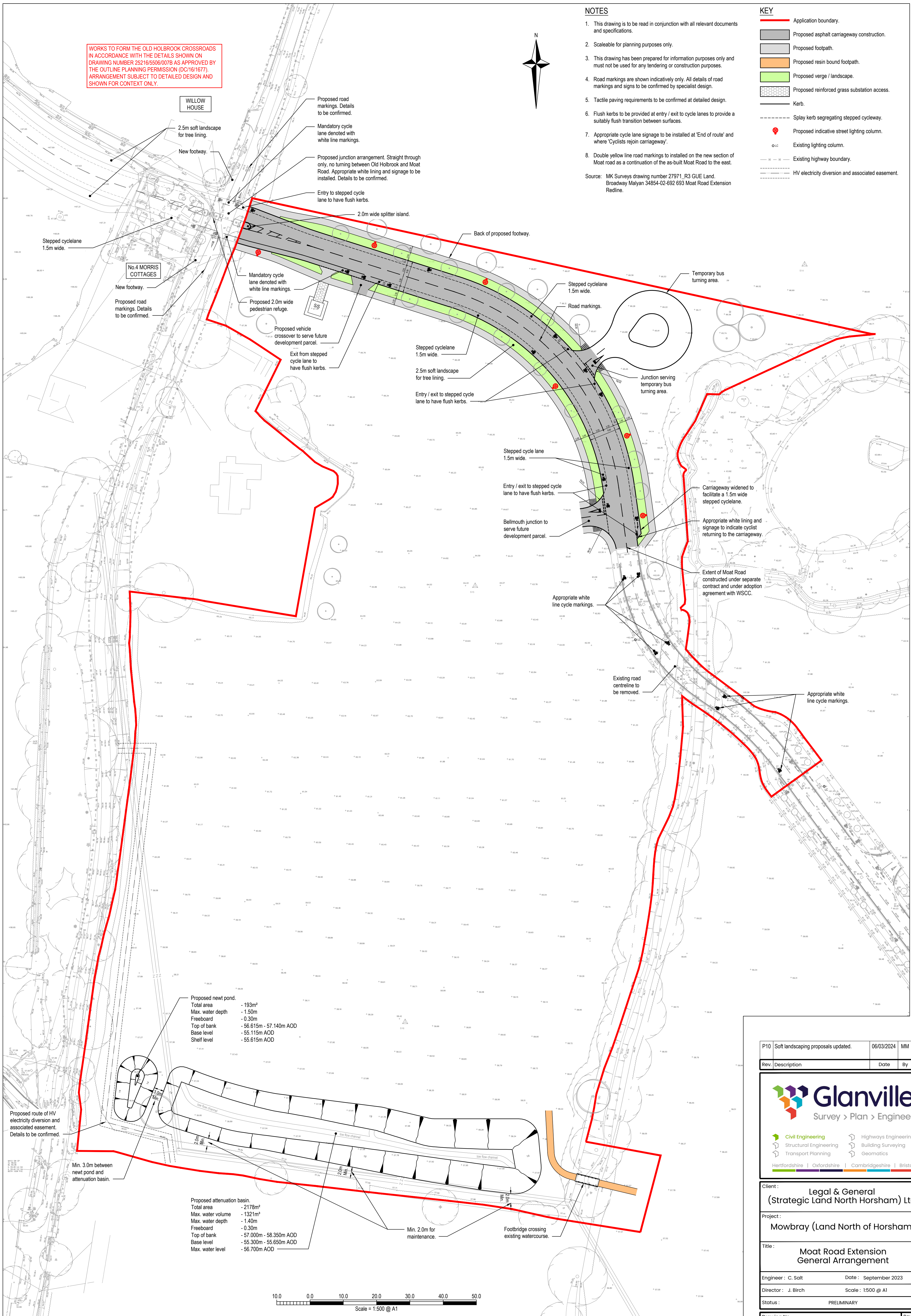
NOTES

- This drawing is to be read in conjunction with all relevant documents and specifications.
- Scaleable for planning purposes only.
- This drawing has been prepared for information purposes only and must not be used for any tendering or construction purposes.
- Road markings are shown indicatively only. All details of road markings and signs to be confirmed by specialist design.
- Tactile paving requirements to be confirmed at detailed design.
- Flush kerbs to be provided at entry / exit to cycle lanes to provide a suitably flush transition between surfaces.
- Appropriate cycle lane signage to be installed at 'End of route' and where 'Cyclists rejoin carriageway'.
- Double yellow line road markings to be installed on the new section of Moat Road as a continuation of the as-built Moat Road to the east.

Source: MK Surveys drawing number 27971_R3 GUE Land.
Broadway Malayan 34854-02-692 693 Moat Road Extension Redline.

KEY

- Application boundary.
- Proposed asphalt carriageway construction.
- Proposed footpath.
- Proposed resin bound footpath.
- Proposed verge / landscape.
- Proposed reinforced grass substation access.
- Kerb.
- Splay kerb segregating stepped cycleway.
- Proposed indicative street lighting column.
- Existing lighting column.
- Existing highway boundary.
- HV electricity diversion and associated easement.



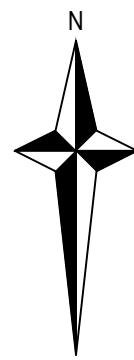
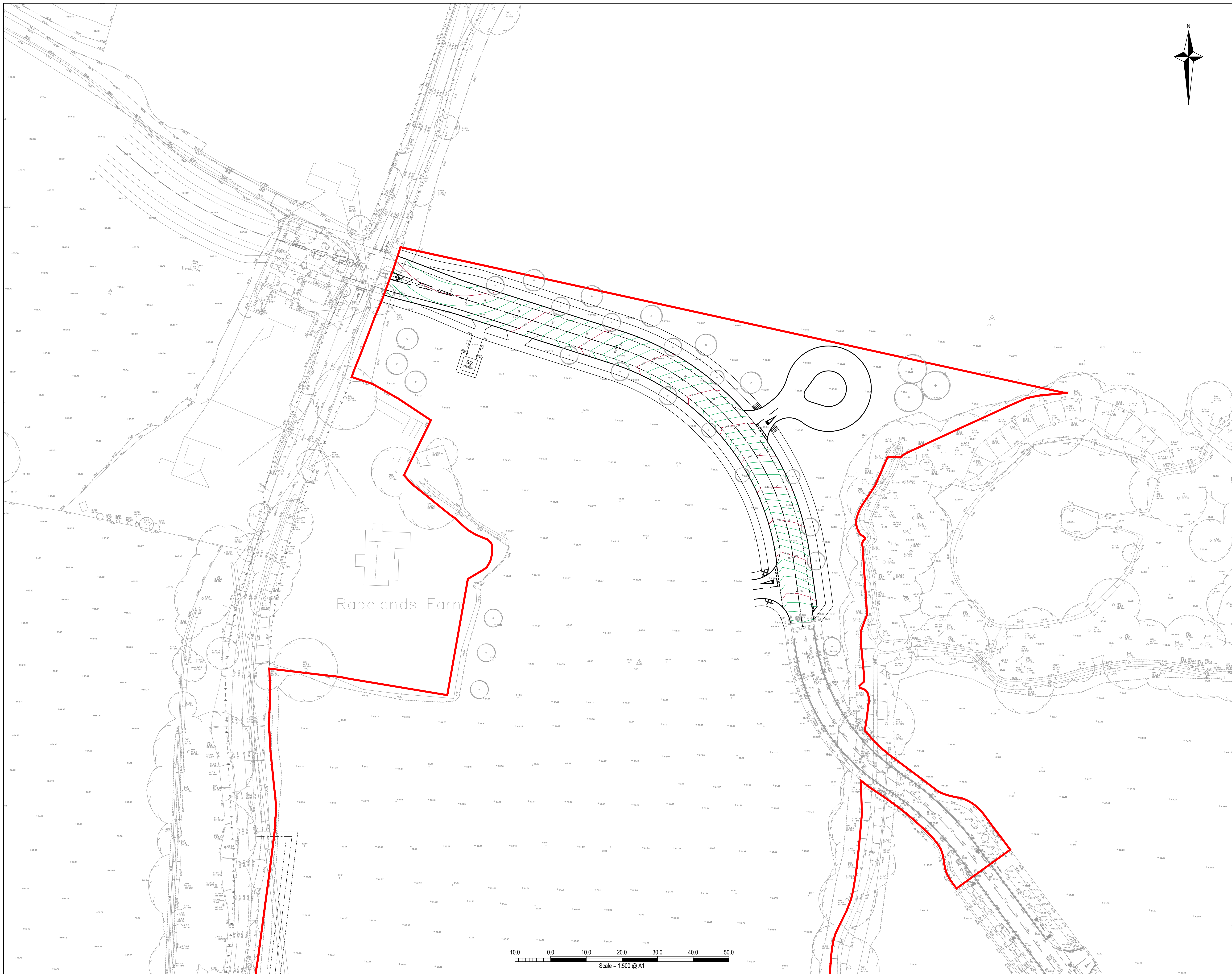
P10	Soft landscaping proposals updated.	06/03/2024	MM	CS
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Rev	Description	Date	By	Chkd
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Client:	Legal & General (Strategic Land North Horsham) Ltd
Project:	Mowbray (Land North of Horsham)
Title:	Moat Road Extension General Arrangement
Engineer:	C. Salt
Date:	September 2023
Director:	J. Birch
Scale:	1:500 @ A1
Status:	PRELIMINARY

Drawing No.	MOW-GLA-MRE-PHI-D-C-1101	Rev	P10
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NOTES

1. This drawing is to be read in conjunction with all relevant documents and specifications.
2. Scaleable for planning purposes only.
3. This drawing has been prepared for information purposes only and must not be used for tender of construction purposes.
4. Refer to drawing Mowbray-GLA-MRE-PH1-D-C-1103 for road longitudinal sections and chainage references.

KEY

- Application boundary.
- Proposed carriageway contours.
 - Major contours 0.5m
 - Minor contours 0.1m
- Road centerline and chainage references.
- Proposed spot level.

P4	Soft landscaping proposals updated.	06/03/2024	MM	CS
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Rev.	Description	Date	By	Chkd
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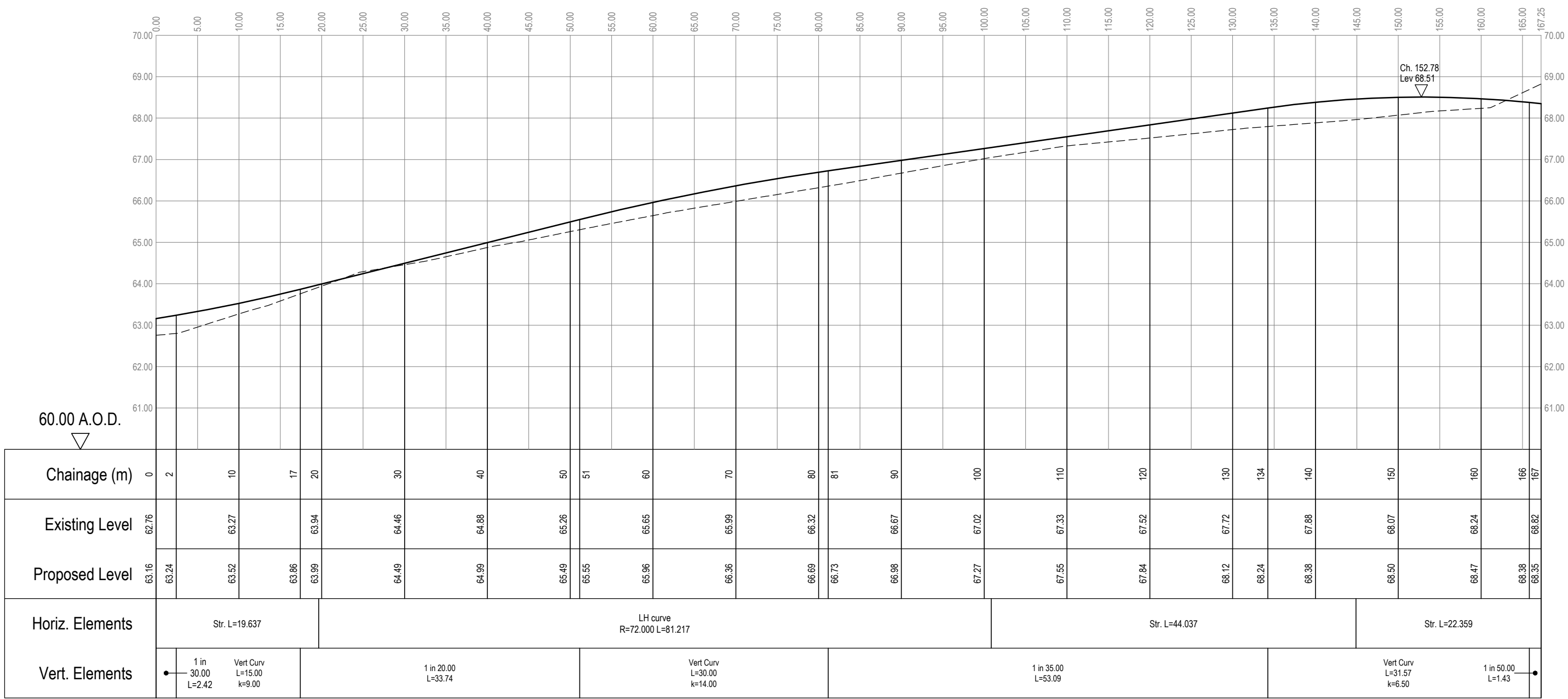
Client:	Legal & General (Strategic Land North Horsham) Ltd
Project:	Mowbray (Land North of Horsham)
Title:	Moat Road Extension Levels Layout
Engineer:	C. Salt
Date:	February 2024
Director:	J. Birch
Scale:	1:500 @ A1
Status:	PLANNING
Drawing No.	MOW-GLA-MRE-PH1-D-C-1102
Rev	P4

NOTES

1. This drawing is to be read in conjunction with all relevant documents and specifications.
2. Scaleable for planning purposes only.
3. This drawing has been prepared for information purposes only and must not be used for tender of construction purposes.
4. Refer to drawing Mowbray-GLA-MRE-D-C-1102 for chainage references, road layout and proposed road levels/contours.

KEY

- Existing ground profile.
- Proposed centerline vertical geometry profile.



Road 1 - Moat Road Extension - Longitudinal Section
Scale 1:500 Horiz. 1:100 Vert.

P1	Preliminary issue.	14/02/2024	MM	CS
Rev.	Description	Date	By	Chkd

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- Structural Engineering
- Transport Planning
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- Building Surveying
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Client:	Legal & General (Strategic Land North Horsham) Ltd		
Project:	Mowbray (Land North of Horsham)		
Title:	Moat Road Extension Road Longitudinal Section		
Engineer:	C. Salt	Date:	February 2024
Director:	J. Birch	Scale:	As Shown @ A1
Status:	PLANNING		
Drawing No.	MOW-GLA-MRE-PH1-D-C-1103	Rev	P1

Appendix C

Approved Site-Wide Surface Water Strategy



NOTES

1. DRAWING BASED ON BDB DESIGN MASTERPLAN DRG. No. 2153A-160.

2. AREA OF STATIC WATER/BASE OF TANKS IS 53184m².

KEY

NOTIONAL CORE AREA OF GREAT CRESTED NEWTS

CATCHMENT AREAS

G.C. NEWT PONDS

SWALE

1 IN 100 yr PLUS CLIMATE CHANGE FLOOD EXTENT

PERMANENTLY WET POND

GRASSED ATTENUATION BASIN

SUB-SURFACE TANK

POND REF	FLOOD STORAGE VOLUME	STORAGE DEPTH	COMMENTS
R18	400m3	0.8m	
R19	611 m3	1.0m	
R22A	300m3.	0.2m	Existing moat - assuming 200mm mightbe available as on-line attenuation. Subject to survey
R22B, C and D	Combined 3150m3	Varying depths	Includes limited pitch flooding
R23A	1600m3	1.5m	
R23B	800m3	1.5m	
R23C	700m3	1.5m	
R24A	200m3	0.2m	
R24B	1500m3	1m	
R24C	1250m3	1.5m	
R25A	1200m3	1m	
R25B	1200m3	0.8m	
R25C	300m3	1m	
R27	1200m3	1.5m	
R52A	260m3	0.3m	
R52B	120m3	0.5m	
R52C	1000m3	1.5m	

All volumes subject to detail design.

STORAGE DEPTHS ARE THAT REQUIRED FOR THE ATTENUATION OF A 1 IN 100 YEAR RAINFALL EVENT ALLOWING FOR +20% CLIMATE CHANGE AND AN APPROPRIATE INCREASE FOR URBAN CREEP. STATIC WATER DEPTHS NOT INCLUDED WHICH WILL VARY UP TO A MAXIMUM OF 2m.

I	TABLE ADDED	23.01.20	JHW	IJF	
H	PONDS RENUMBERED	22.01.20	JHW	IJF	
G	DRAWING TITLE AMENDED	10.12.19	JHW	IJF	
F	CATCHMENTS ADJUSTED TO SUIT RUSPAR ROAD AND MEAT FARM REQUIREMENTS	29.11.19	JHW	IJF	
E	REDRAWN TO SUIT NEW MASTERPLAN 2153A-160	21.06.19	SF	IJF	
D	REDRAWN TO SUIT NEW MASTERPLAN 2153-150Q	26.05.16	JW	IJF	
C	REDRAWN TO SUIT NEW MASTERPLAN 2153-150N	03.02.16	JW	IJF	
B	REDRAWN TO SUIT NEW MASTERPLAN 2153-150	02.06.15	JW	IJF	
A	REDRAWN TO SUIT COMMENTS AND 2153-59B	24.03.15	JW	IJF	
Mark	Revision	Date	Drawn	Chkd	Appd

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Drawing Issue Status

FOR PLANNING

LAND NORTH OF HORSHAM
PLANNING APPLICATION
SUDS FEATURES AND CATCHMENTS
SHEET 2 OF 3

Client

Legal & General

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Date of 1st Issue
24.03.15

Designed
JW

Drawn
JW

A1 Scale
1:2500

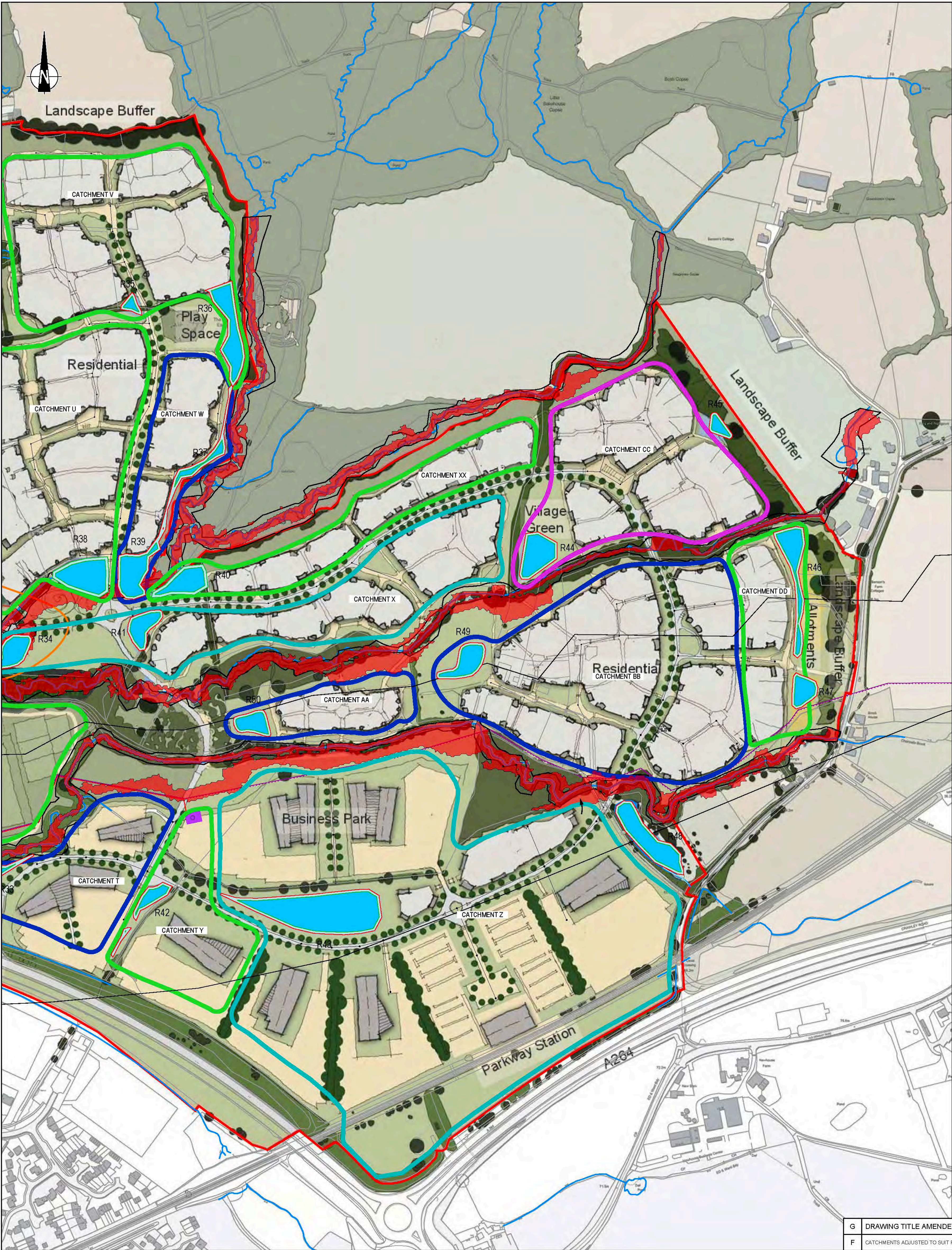
Checked
IJF

Approved

Drawing Number
25216/2007/SK02

Revision
I

READING
Tel: 01189 500 761



NOTES

1. DRAWING BASED ON BDB DESIGN MASTERPLAN DRG. No. 2153A-160.

2. AREA OF STATIC WATER/BASE OF TANKS IS 53184m².

KEY

1 IN 100 YEAR PLUS CLIMATE CHANGE FLOOD EXTENT

NOTIONAL CORE AREA OF GREAT CRESTED NEWTS

PROPOSED POND

CATCHMENT AREAS

G.C. NEWT PONDS

SWALE

SUB-SURFACE TANK

G	DRAWING TITLE AMENDED	JHW	10.12.19	IJF
F	CATCHMENTS ADJUSTED TO SUIT RUSPAR ROAD AND MEAT FARM REQUIREMENTS	JHW	29.11.19	IJF
E	REDRAWN TO SUIT NEW MASTERPLAN 2153A-160	SF	21.08.19	IJF
D	REDRAWN TO SUIT NEW MASTERPLAN 2153-150Q	JW	26.05.16	IJF
C	REDRAWN TO SUIT NEW MASTERPLAN 2153-150N	JW	03.02.16	IJF
B	REDRAWN TO SUIT NEW MASTERPLAN 2153-150	JW	02.06.15	IJF
A	REDRAWN TO SUIT COMMENTS AND 2153-59B	JW	24.03.15	IJF
Mark	Revision	Drawn	Date	Chkd

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LAND NORTH OF HORSHAM
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Date of 1st Issue

24.03.15

Drawn by

JW

A1 Scale

1:2500

Checked by

IJF

Drawing Number

25216/2007/SK03

Revision

G

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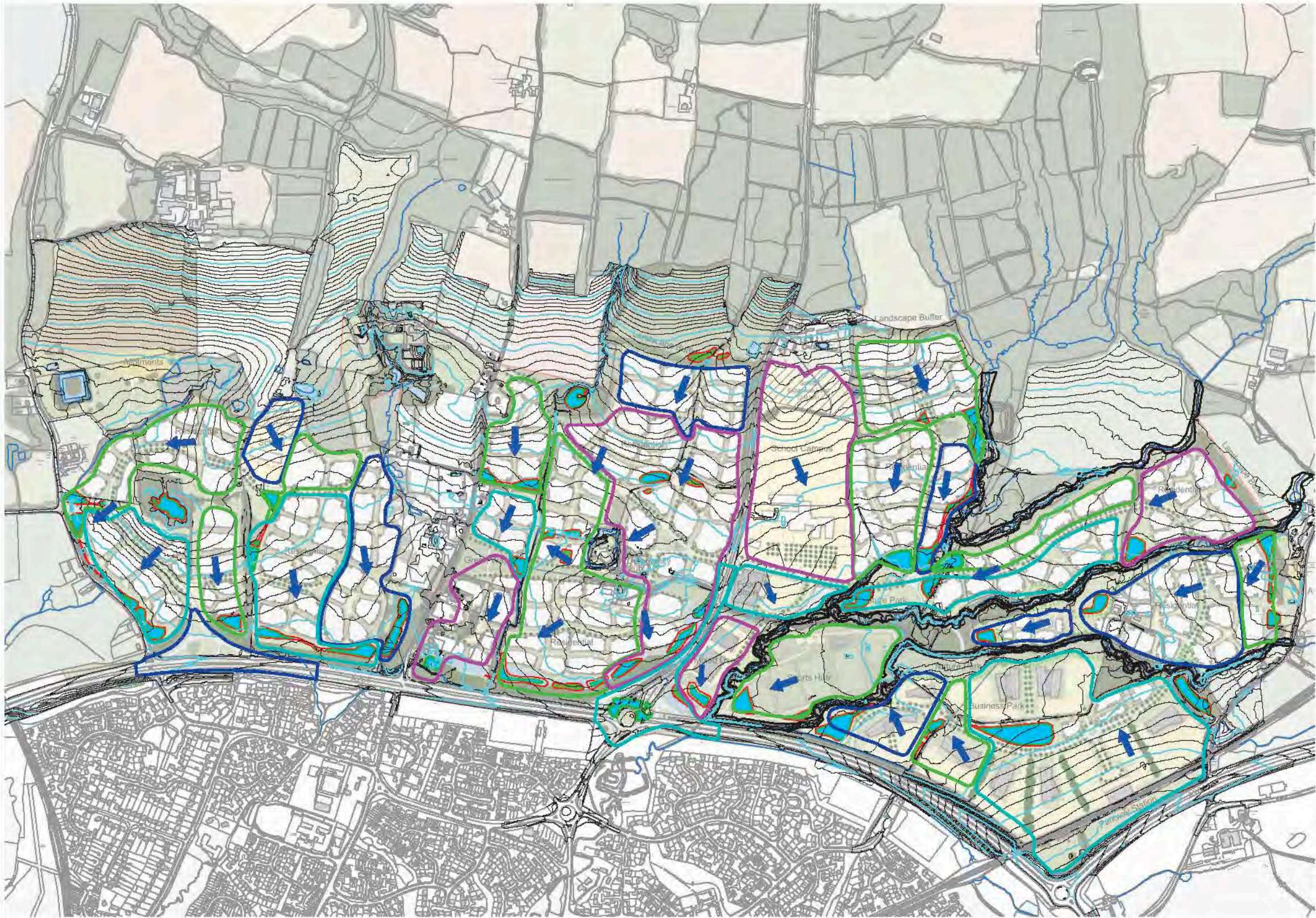
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00216 north north horsham/25216/2007/sk03.dwg

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NOTES

1. DRAWING BASED ON BDB DESIGN MASTERPLAN DRG. No. 2153A-160.

KEY

-  1 IN 100 YEAR PLUS CLIMATE CHANGE FLOOD EXTENT
-  CATCHMENT AREAS
-  SURFACE WATER FLOW DIRECTION

D	REVISION TO POND LAYOUTS IN CENTRAL AREA	23.01.20	JHW	IJF	
C	REDRAWN TO SUIT PHASE 1 MASTERPLAN AND MOAT FARM AREA	25.10.19	RMLM	IJF	
B	REDRAWN TO SUIT NEW MASTERPLAN 2153A-160	21.06.19	JC	IJF	
A	REDRAWN TO SUIT NEW MASTERPLAN 2153-150N	03.02.16	JW	IJF	
Mark	Revision	Date	Drawn	Chkd	Appd

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Drawing Issue Status
FOR PLANNING

**LAND NORTH OF HORSHAM
SUDS FEATURES AND CATCHMENTS**

Client



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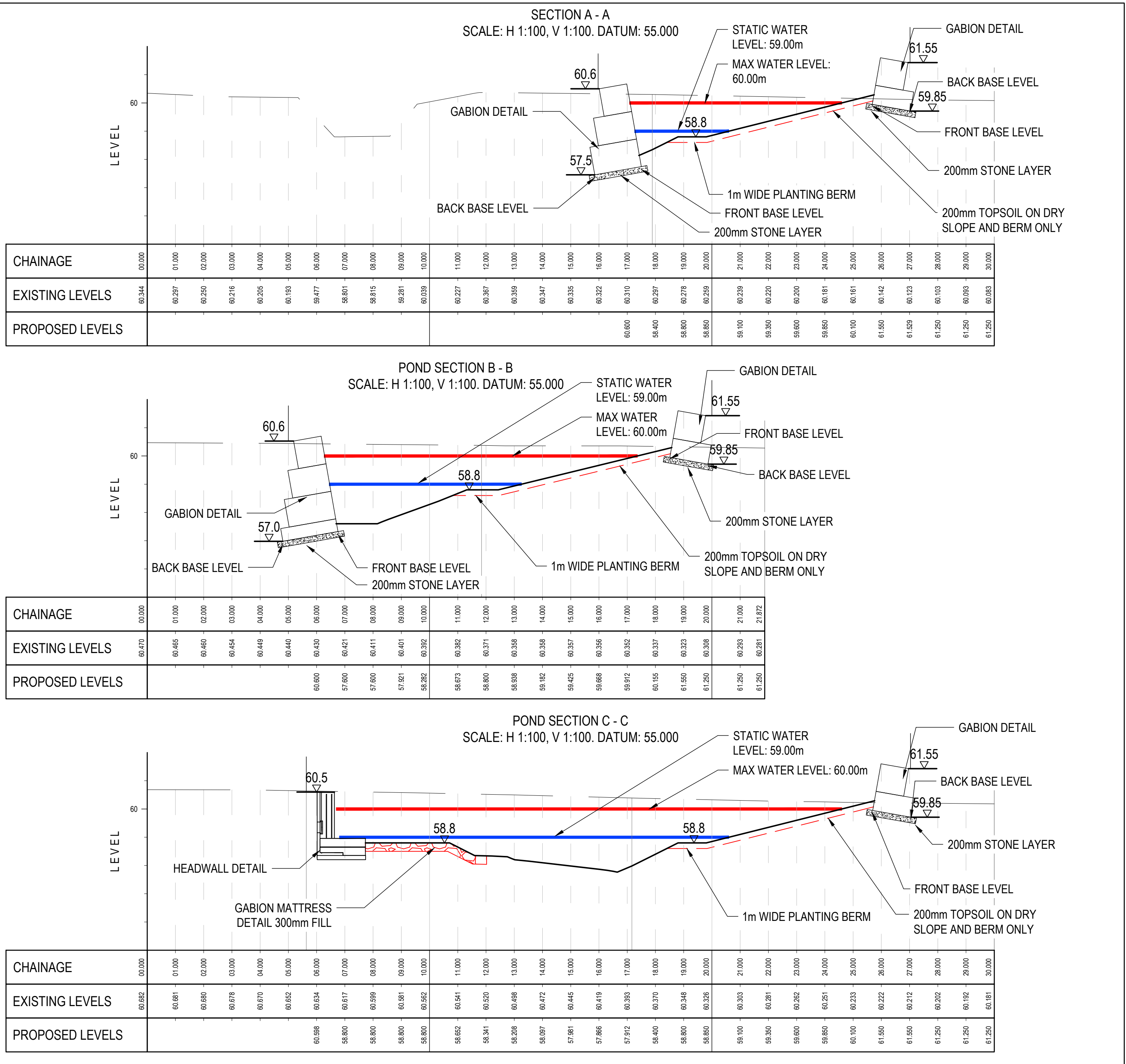
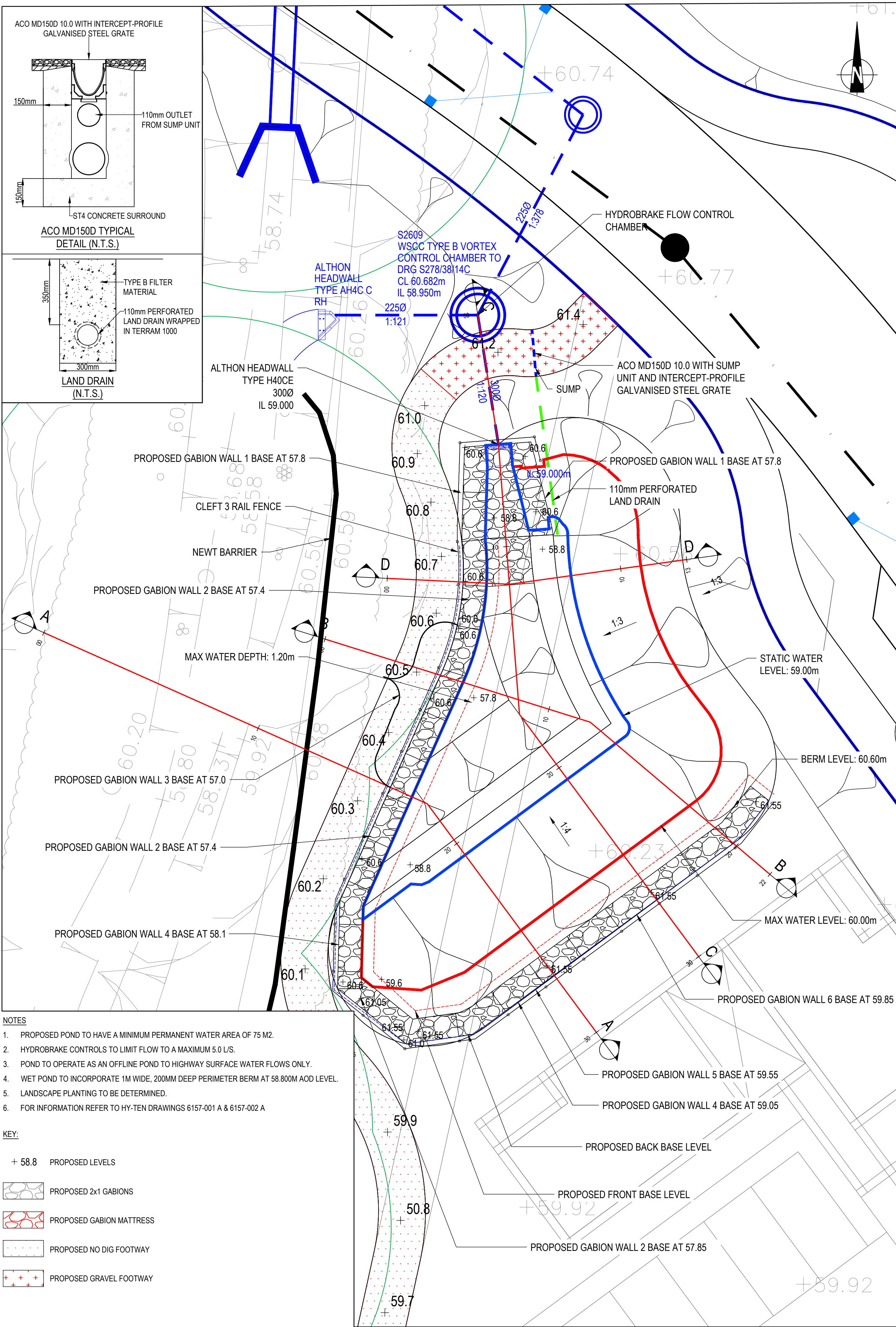
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Date of 1st Issue 03.09.15	Designed JW	Drawn JW
A3 Scale nts	Checked IJF	Approved
Drawing Number 25216/2007/SK08	Revision D	

Appendix D

Moat Road Detailed Pond Design



D	ACO DRAIN ADDED	20.11.23	JR	PJG	PJG
C	ADDITIONAL GABION WALLS INCLUDED	23.09.22	RMLM	PJG	PK
B	GABION WALLS UPDATED AND NEWT BARRIER ADDED	07.09.22	LG	PG	PK
A	UPDATED TO ADDRESS L&G COMMENTS	01.07.22	JM	SPR	PK
Mark	Revision	Date	Drawn	Chkd	Appd

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FOR CONSTRUCTION

NORTH HORSHAM - PHASE 1 MOAT HOUSE ROAD SECTION 38 POND LAYOUT

Client					
Date of 1st Issue	26.05.2022	Designed	IJF	Drawn	LG
A1 Scale	1:100	Checked	IJF	Approved	PG
Drawing Number	25216/2001/PH1/MHR/560	Revision	D		

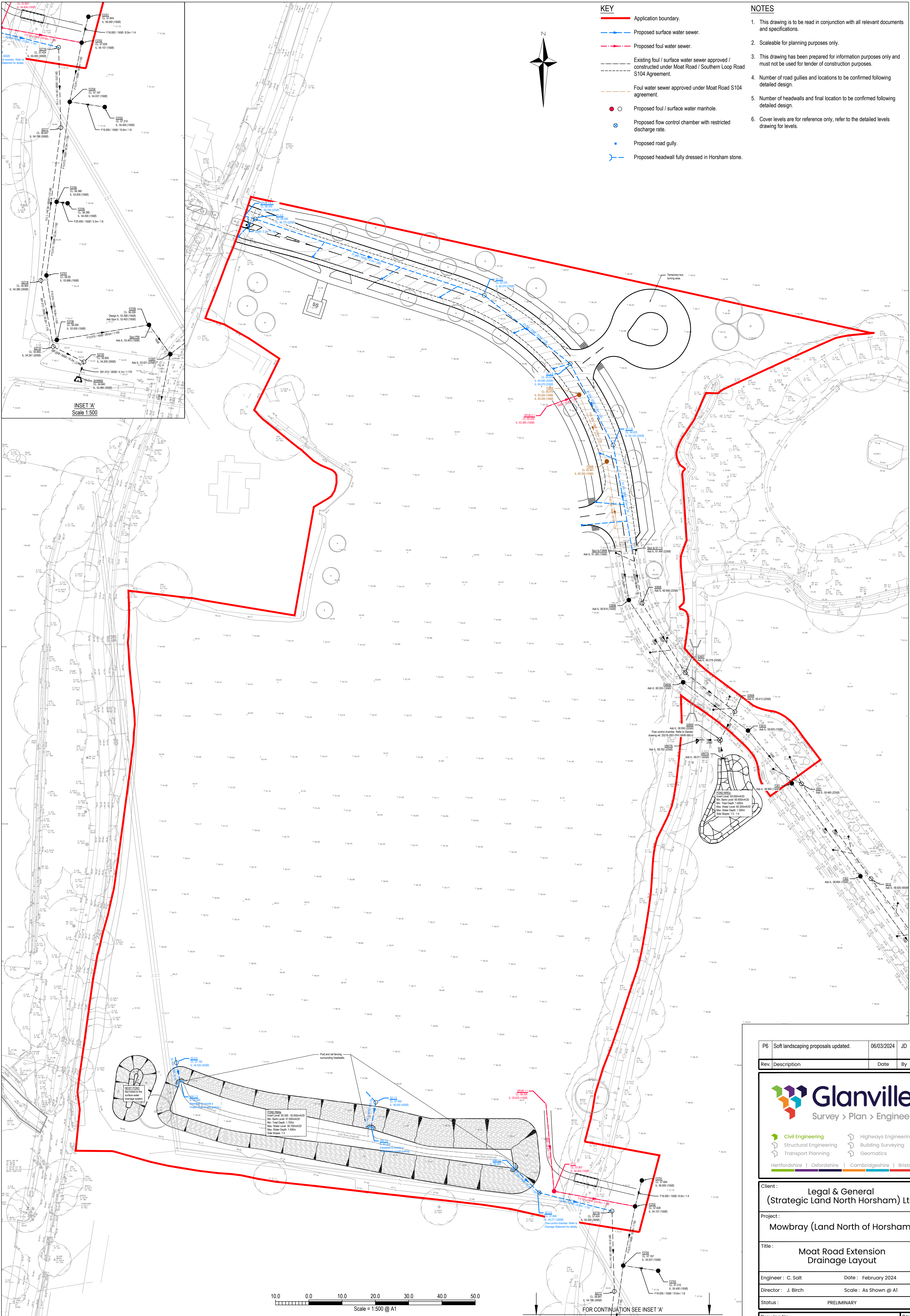
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Appendix E

Drainage Layout and Basin Sections



- KEY**
- Application boundary.
 - Proposed surface water sewer.
 - Proposed foul water sewer.
 - Existing foul / surface water sewer approved / constructed under Moat Road / Southern Loop Road S104 Agreement.
 - Foul water sewer approved under Moat Road S104 agreement.
 - Proposed foul / surface water manhole.
 - Proposed flow control chamber with restricted discharge rate.
 - Proposed road gully.
 - Proposed headwall fully dressed in Horsham stone.

- NOTES**
- This drawing is to be read in conjunction with all relevant documents and specifications.
 - Scaleable for planning purposes only.
 - This drawing has been prepared for information purposes only and must not be used for tender or construction purposes.
 - Number of road gullies and locations to be confirmed following detailed design.
 - Number of headwalls and final location to be confirmed following detailed design.
 - Cover levels are for reference only, refer to the detailed levels drawing for levels.

P6	Soft landscaping proposals updated.	06/03/2024	JD	CS
Rev	Description	Date	By	Chkd



Glanville
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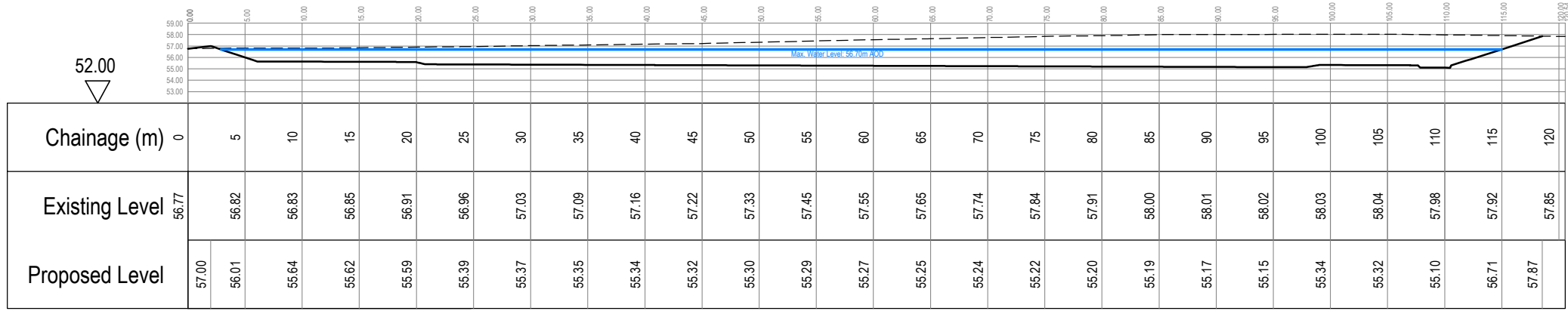
Client:	Legal & General (Strategic Land North Horsham) Ltd		
Project:	Mowbray (Land North of Horsham)		
Title:	Moat Road Extension Drainage Layout		
Engineer:	C. Salt	Date:	February 2024
Director:	J. Birch	Scale:	As Shown @ A1
Status:	PRELIMINARY		
Drawing No.	MOW-GLA-MRE-PHI-D-C-1201	Rev	P6

NOTES

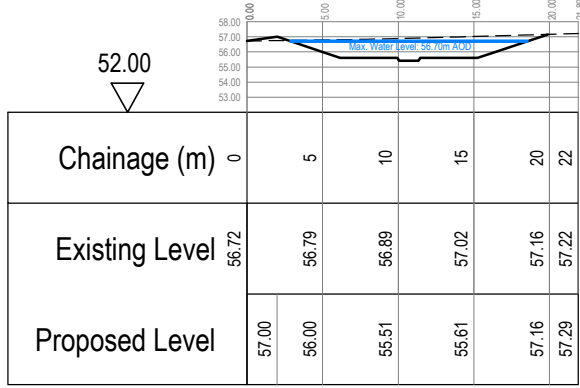
1. This drawing is to be read in conjunction with all relevant documents and specifications.
2. Scaleable for planning purposes only.
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KEY

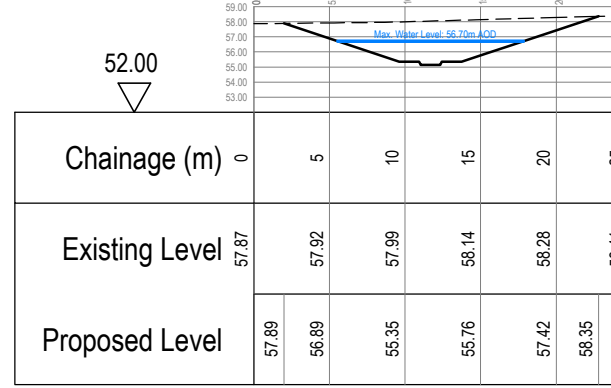
- Existing ground profile - Section
- Proposed ground profile - Section
- Proposed pond and embankment contours - Plan
- Major 0.5m
- - - Minor 0.1m
- 1:3 Fall arrow with gradient.



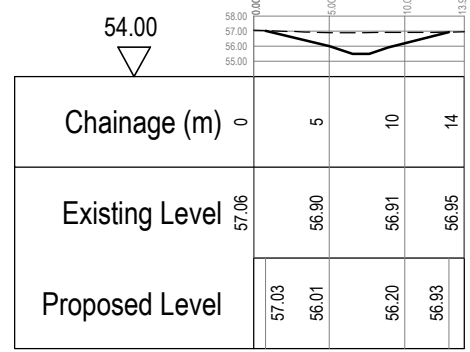
SECTION A-A THROUGH ATTENUATION BASIN
Scale 1:500



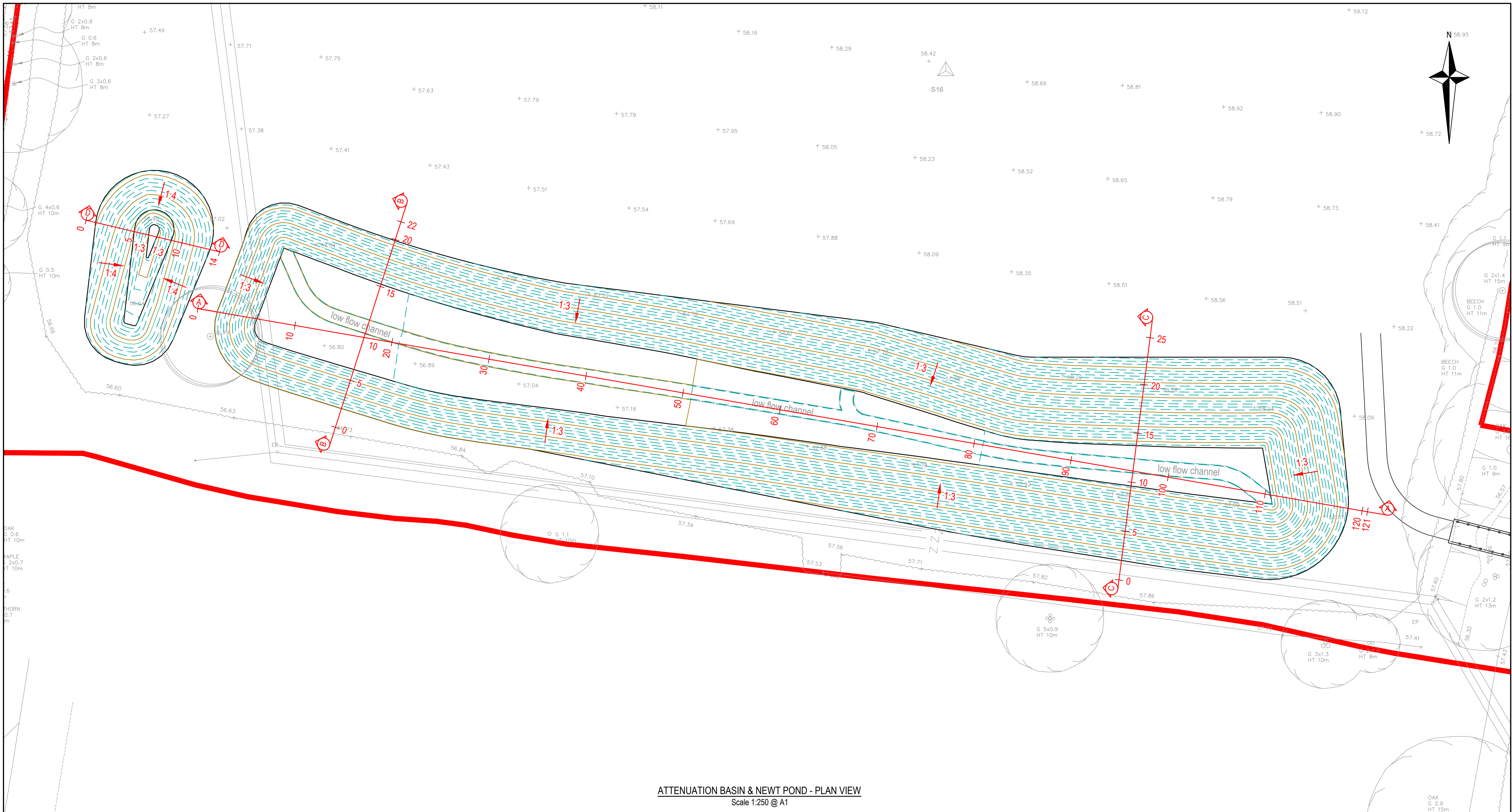
SECTION B-B THROUGH ATTENUATION BASIN
Scale 1:500



SECTION C-C THROUGH ATTENUATION BASIN
Scale 1:500



SECTION D-D THROUGH NEWT POND
Scale 1:500



ATTENUATION BASIN & NEWT POND - PLAN VIEW
Scale 1:250 @ A1

P5	Soft landscaping proposals updated.	06/03/2024	MM	CS
Rev.	Description	Date	By	Chkd

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Client:	Legal & General (Strategic Land North Horsham) Ltd		
Project:	Mowbray (Land North of Horsham)		
Title:	Moat Road Extension Attenuation Basin & Newt Pond Sections		
Engineer:	C. Salt	Date:	November 2023
Director:	J. Birch	Scale:	As Shown @ A1
Status:	PLANNING		
Drawing No.	MOW-GLA-MRE-PHI-D-C-1202	Rev	P5

Appendix F

InfoDrainage Catchment Plans