

#### NOTES:

##### S/W Notes:

1. Read this drawing in conjunction with all other relevant Engineers and Architects drawings.
2. Do not scale this drawing, use only written dimensions.
3. Do not set out from this drawing unless specifically confirmed by the Engineers beforehand.
4. All levels shown are Main Head datum (mOD).
5. The contractor is to check all service connections before commencing any site development works.
6. The Engineer is to be informed of discrepancies that may arise before the contractor commences any site development works, if in doubt - ask.
7. Manhole and road gully details to comply with Greater Dublin Regional Code of practice for Drainage Works.
8. Refer also to the Manhole details drawing/s provided for further information.
9. Where cover to pipes is less than 1.2m in roads, 1.0m in public areas and 0.9m in grassed/landscaped areas, surround the pipe 150mm of concrete.

THIS IS A PLANNING DRAWING ONLY  
AND CANNOT BE USED FOR CONSTRUCTION PURPOSES

REV DATE DESCRIPTION  
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Project  
**GLENAMUCK NORTH LRD - SITE B**

Drawing Title  
**S/W Drainage**

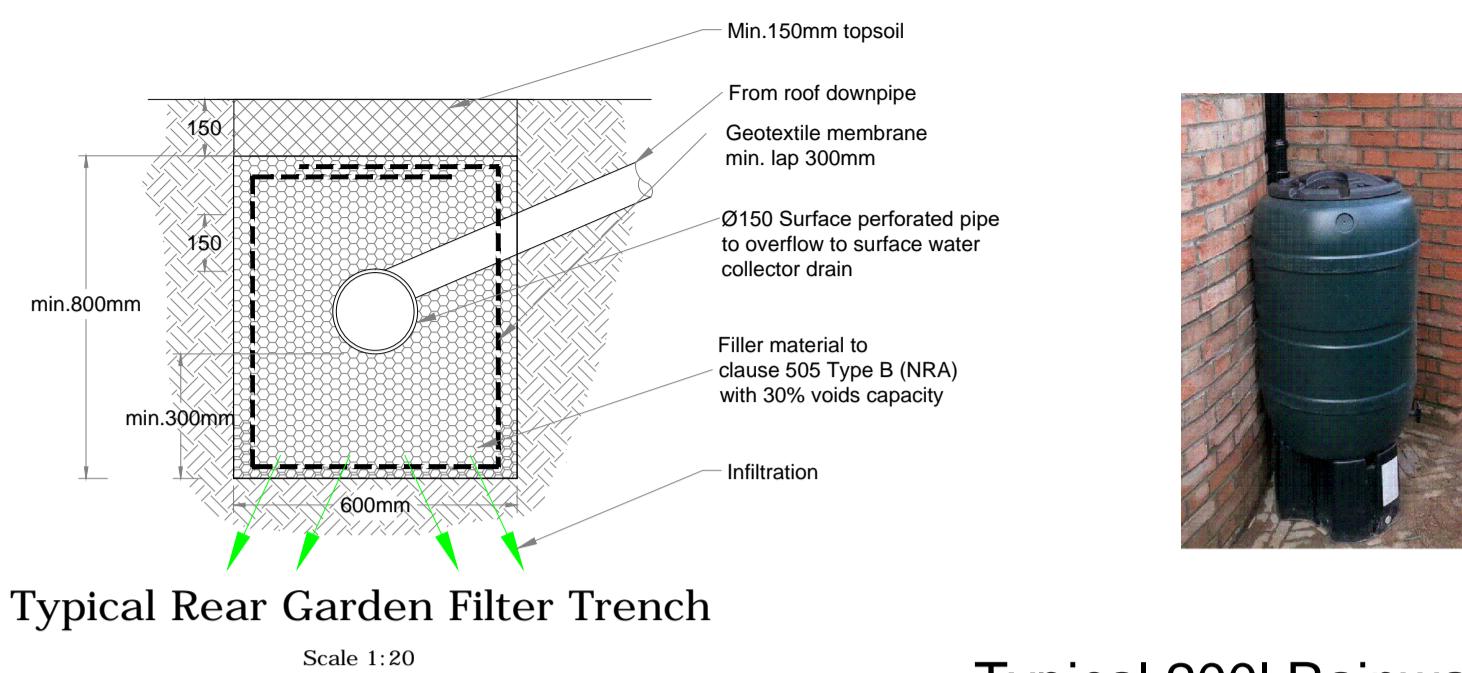
Architect  
**MCORM**

Date	Drawn By	Scales	Dwg. No.	Stage	Rev
May'25	RM	1:500 @ A1	2411/201	LRD STAGE 3	

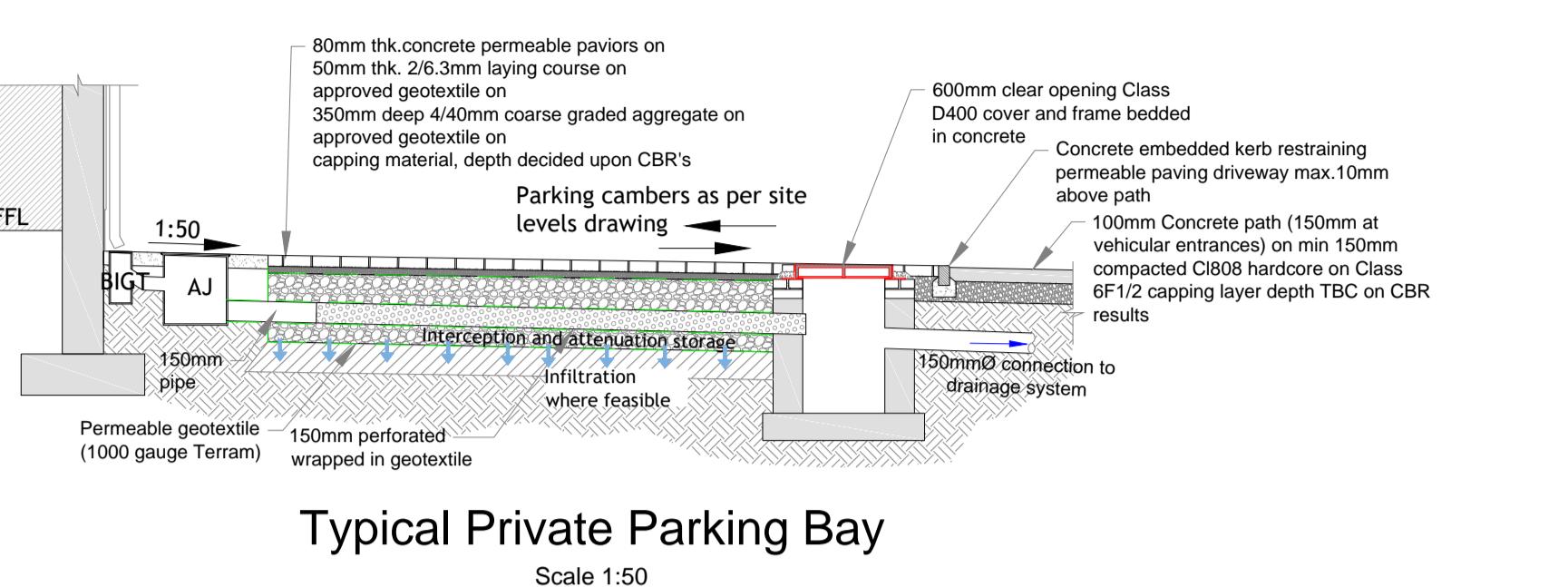
## NOTES:

1. Read in conjunction with all relevant Architect's and Engineer's drawings.
2. Do not set out from this drawing. Setting out to be done from Architect's drawings.
3. Manholes and road gully details to comply with Greater Dublin Regional Code of practice for Drainage Works.
4. All pipes up to and including 150mm to be Wavin Tritec laid in accordance with IAB building products certification. Minimum fall 1/80 UNO. House drains to be laid a minimum of 5m from rear of house, UNO.
5. All pipes 225mm and over to be S35 concrete with rubber rings, laid on a 150mm concrete bed and haunched or surrounded.
6. Where cover to pipes is less than 1.2m in roads, 1.0m in public areas and 0.8m in grassed/landscaped areas, surround the pipe up to 150mm with 100mm concrete and larger pipes with 150mm Concrete.
7. Back-fill trenches in roads to detail.
8. Adjust foundation depths as necessary, adjacent to sewers to avoid undercutting of the foundations.
9. Manholes and manhole frames shall comply with the LA standard pattern with min opening of 600mm & with closed manholes, all Manholes covers to comply with IS EN 124-1994, Group 4 (min. class D400) manholes in all trafficked areas, Minimum Group 2 (min. class B125) to be used in footways, pedestrian areas and comparable areas, Class D400 should be used in footpaths where heavy vehicles have the potential to access or mount footpaths and these covers should be of trip hazards, removable parts and be lockable, an example of suitable cover type is a Cavanagh Bronna, supplied by Cavanagh Foundry Ltd.
10. Manholes on house drains to be in private property. House drains shall not pass through property they do not serve.
11. Double gullies, with separate connections to main, to be provided at low points and at the ends of Cul de Sac's. Maximum run of pipe 15m. Minimum pipe diameter 150mm. Maximum gully spacing for roads up to 7m wide to be 50m UNO.
12. All Road gullies to be closed to the public in accordance with the LA standard.
13. All Gully covers shall be in accordance with the LA standard. Group 3 (min. class C250) where gully are located in the kerbside channels of roads which when measured from the kerb, extend a maximum of 0.5m into the carriageway and a maximum of 0.2m into the footway, Group 4 (min. class D400) to be used elsewhere. All gully covers to comply with IS EN 124-1994.
14. Record drawings of the as constructed work shall be made available to RMA at the end of the project.
15. All connections to existing public services must be determined by the main contractor prior to any construction on site. All existing invert levels to be confirmed to the engineers and all discrepancies notified to RMA before any construction commences.

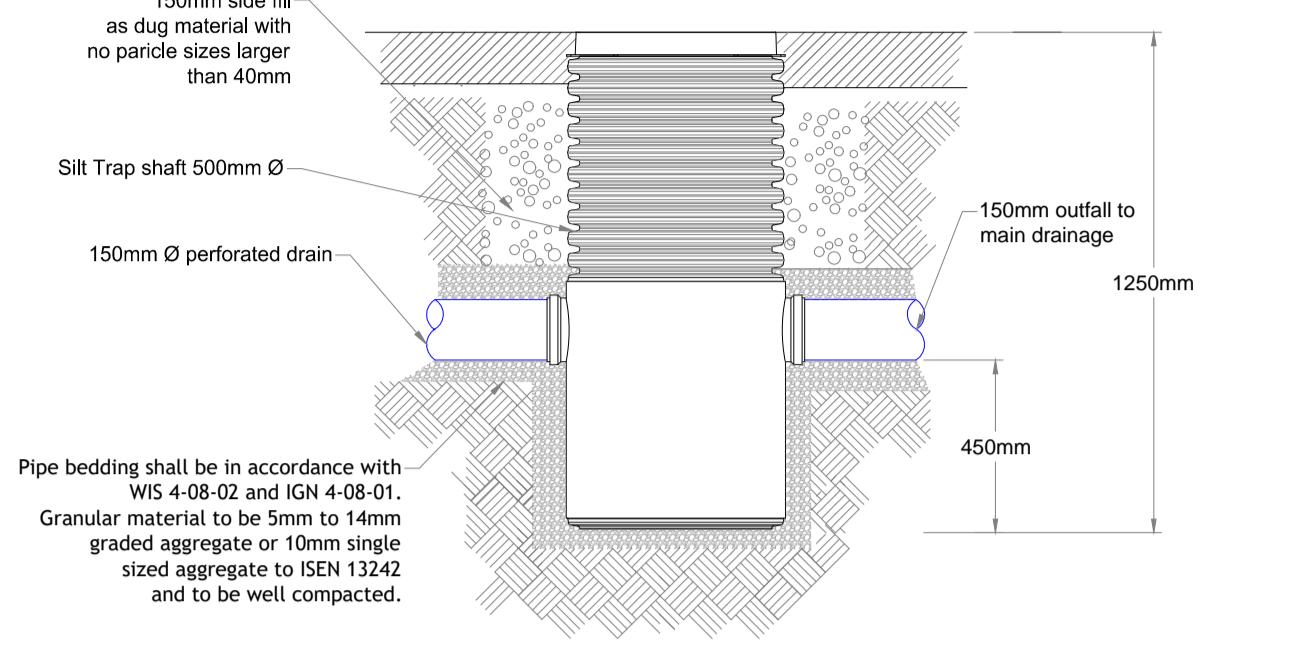
REFER TO DWG.No.2411/108 FOR MANHOLE DETAILS



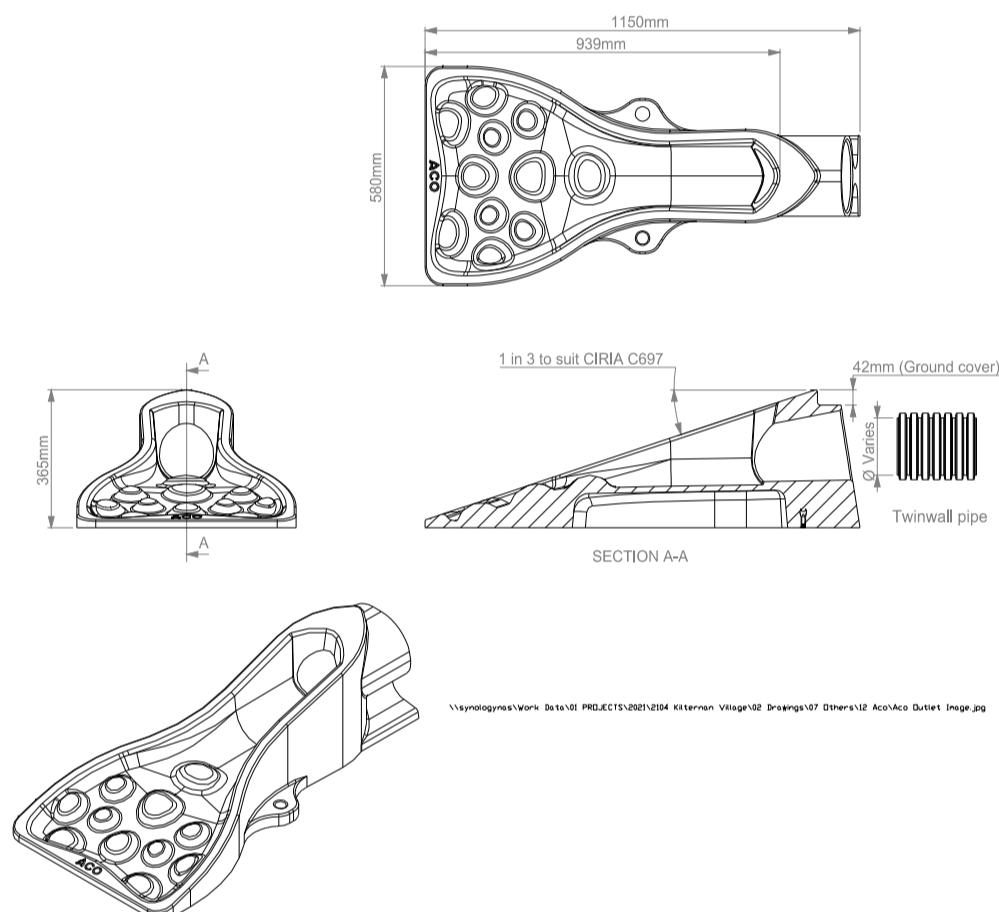
Typical 200l Rainwater Butt  
NTS



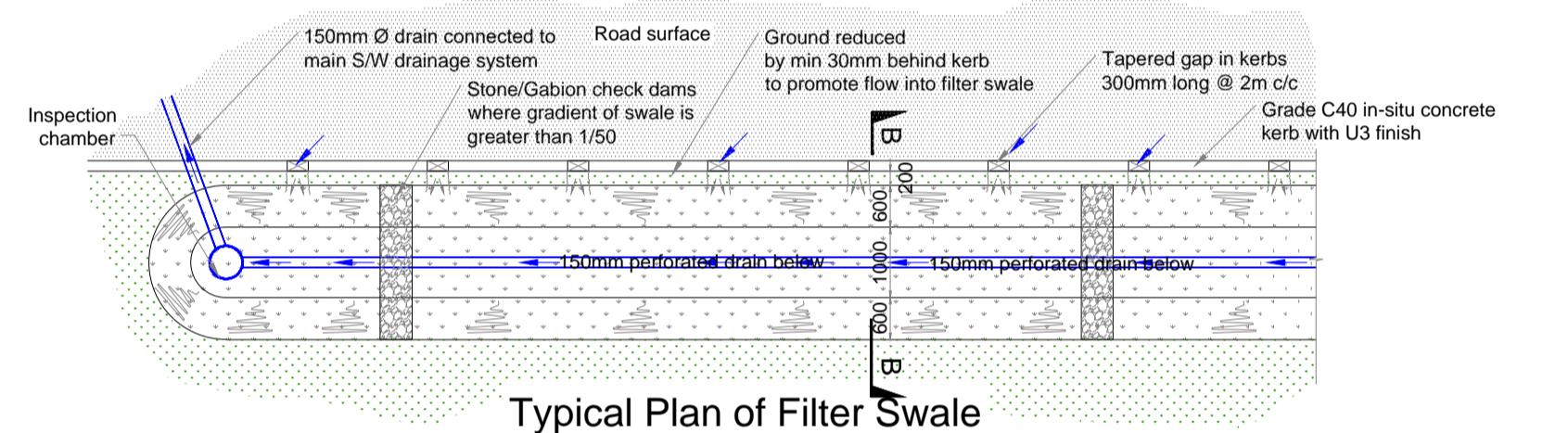
Typical Private Parking Bay



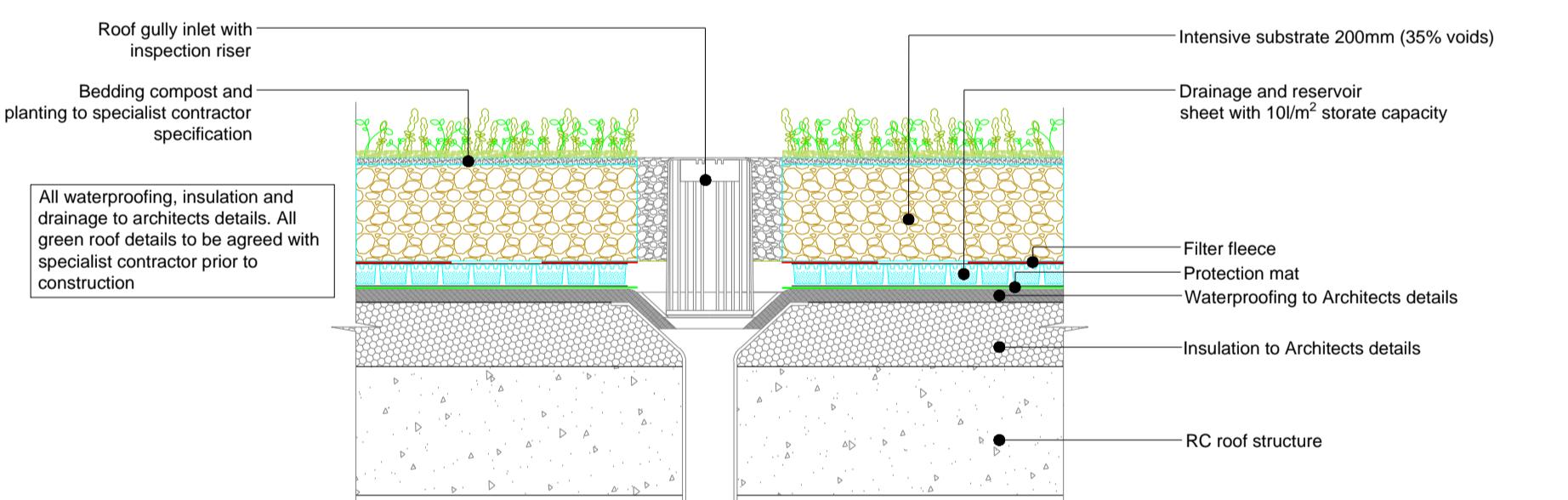
Silt-Trap Chamber at Swales and Filter Trenches



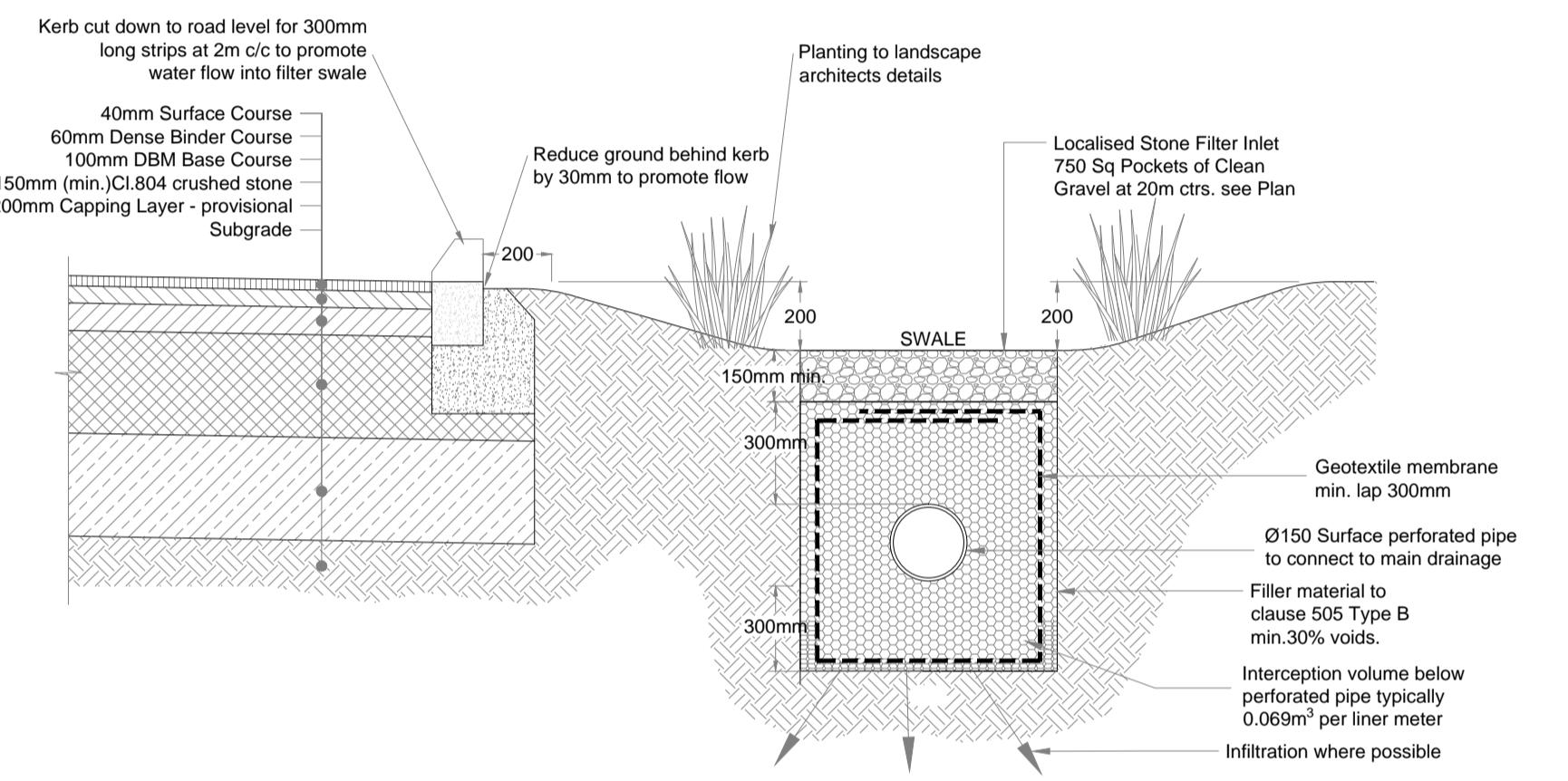
Typical ACO Proprietary SuDS Swale Inlet  
Scale 1:20



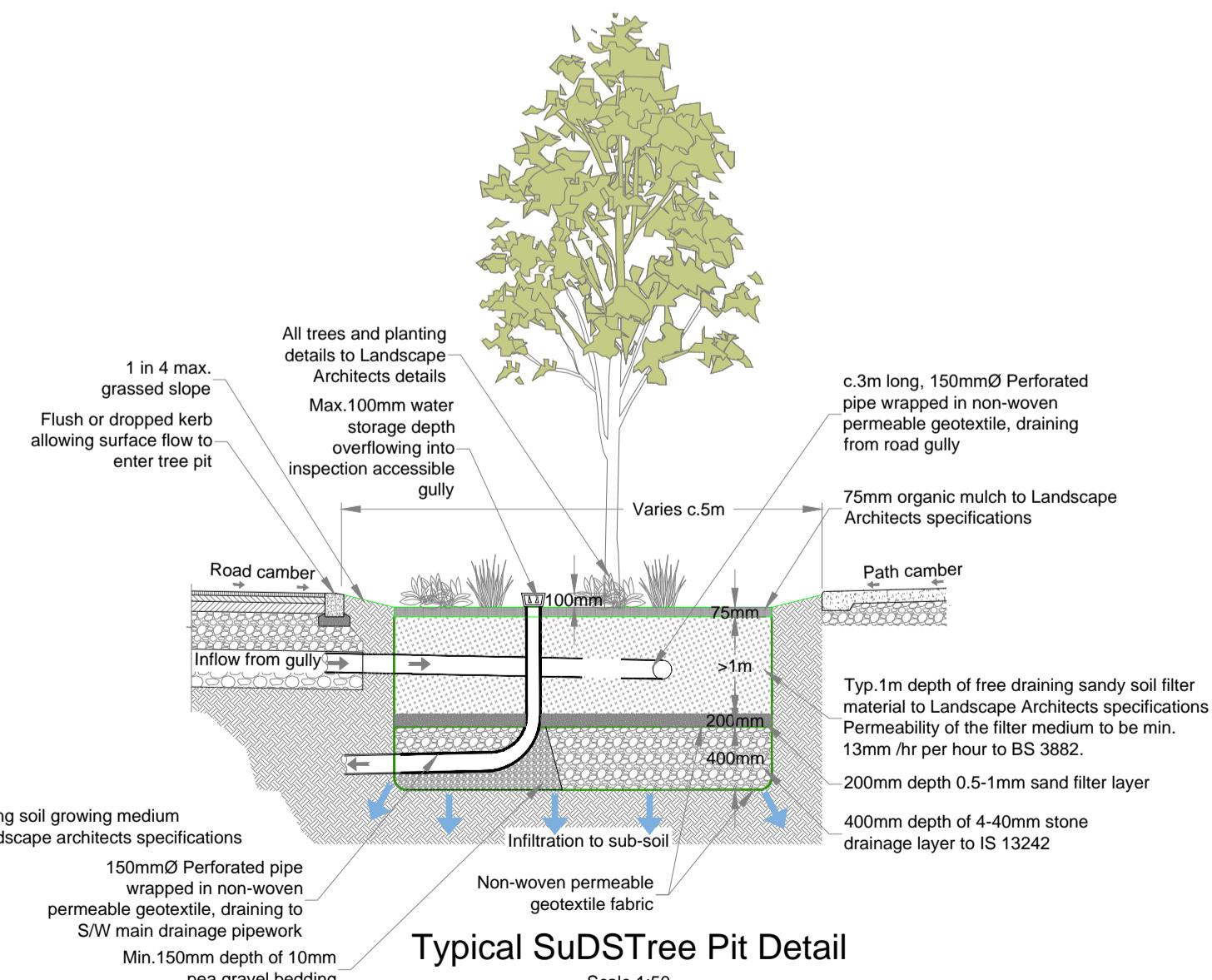
Typical Plan of Filter Swale



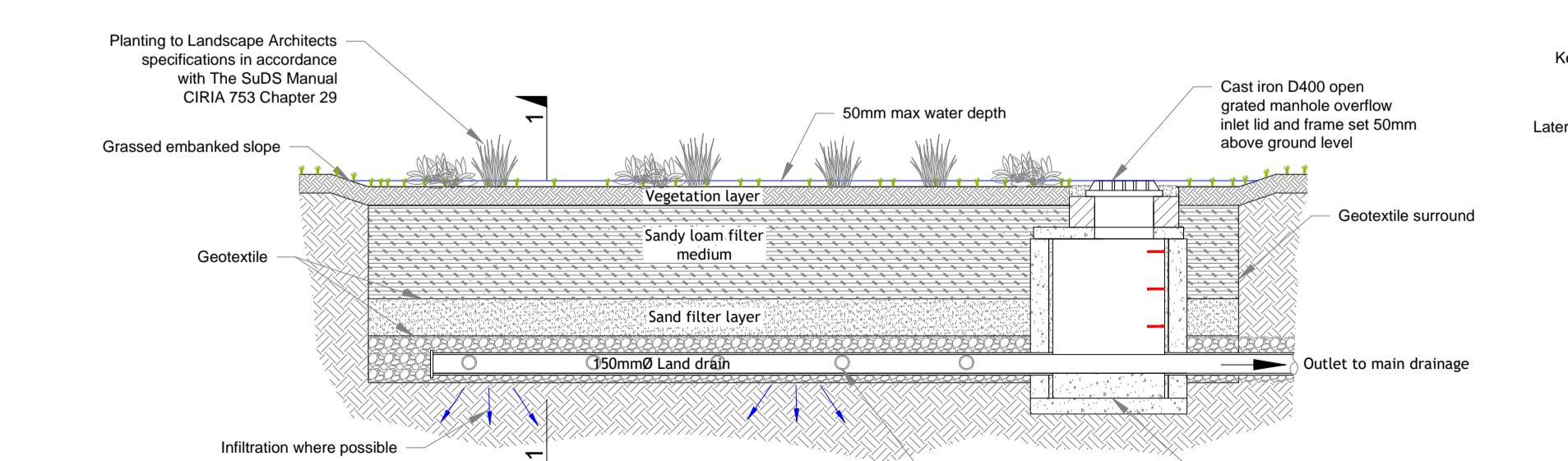
Typical Green Roof Detail



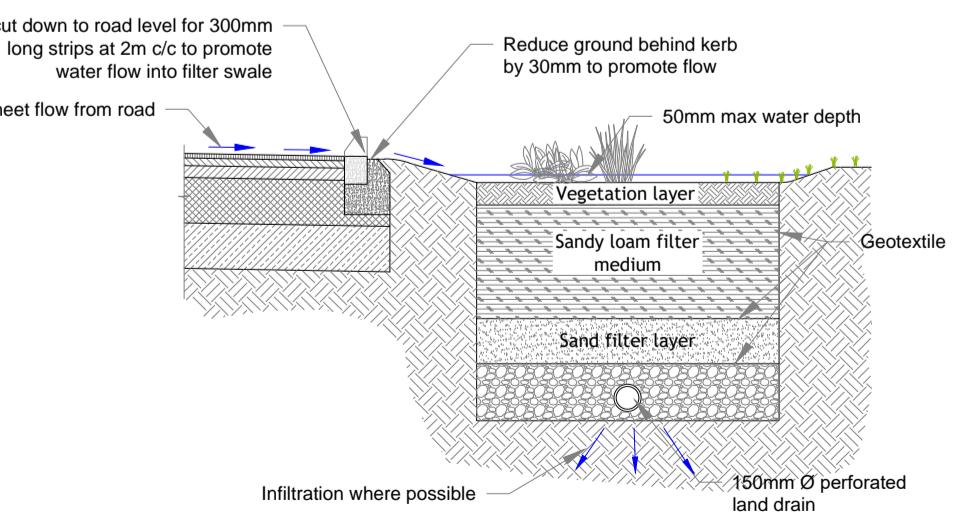
Typical Filter Swale Section



Typical SuDSTree Pit Detail  
Scale 1:50

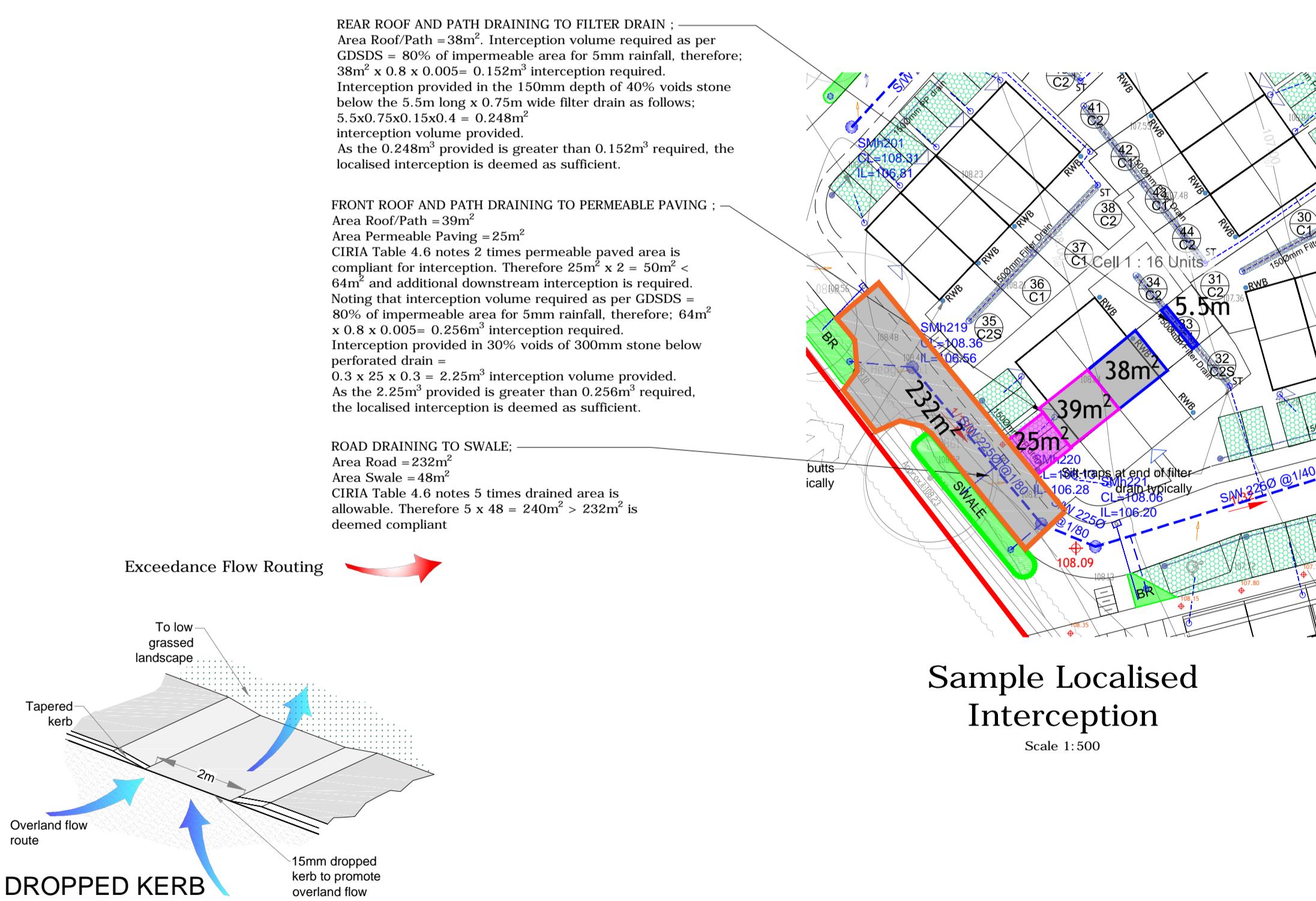
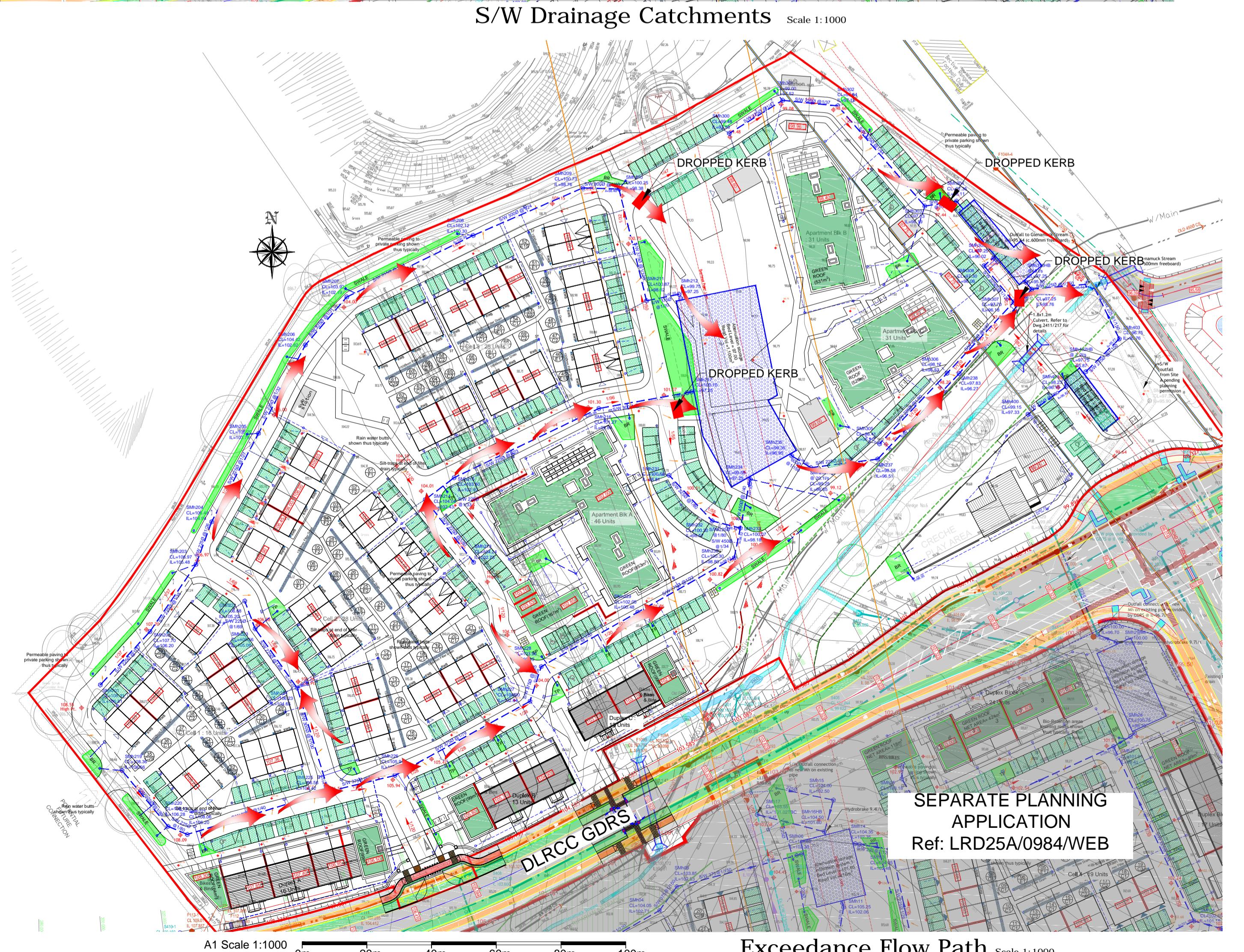
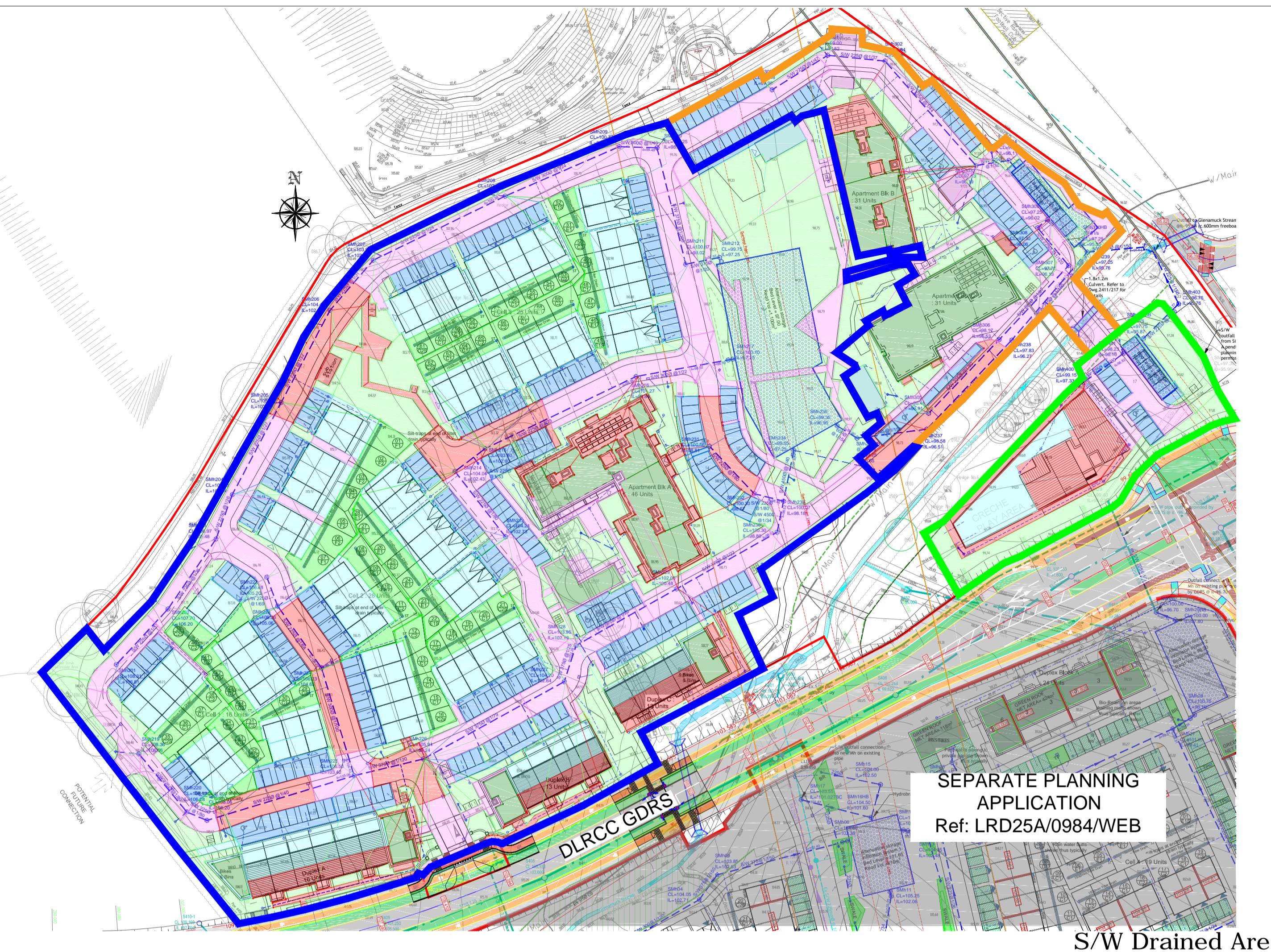
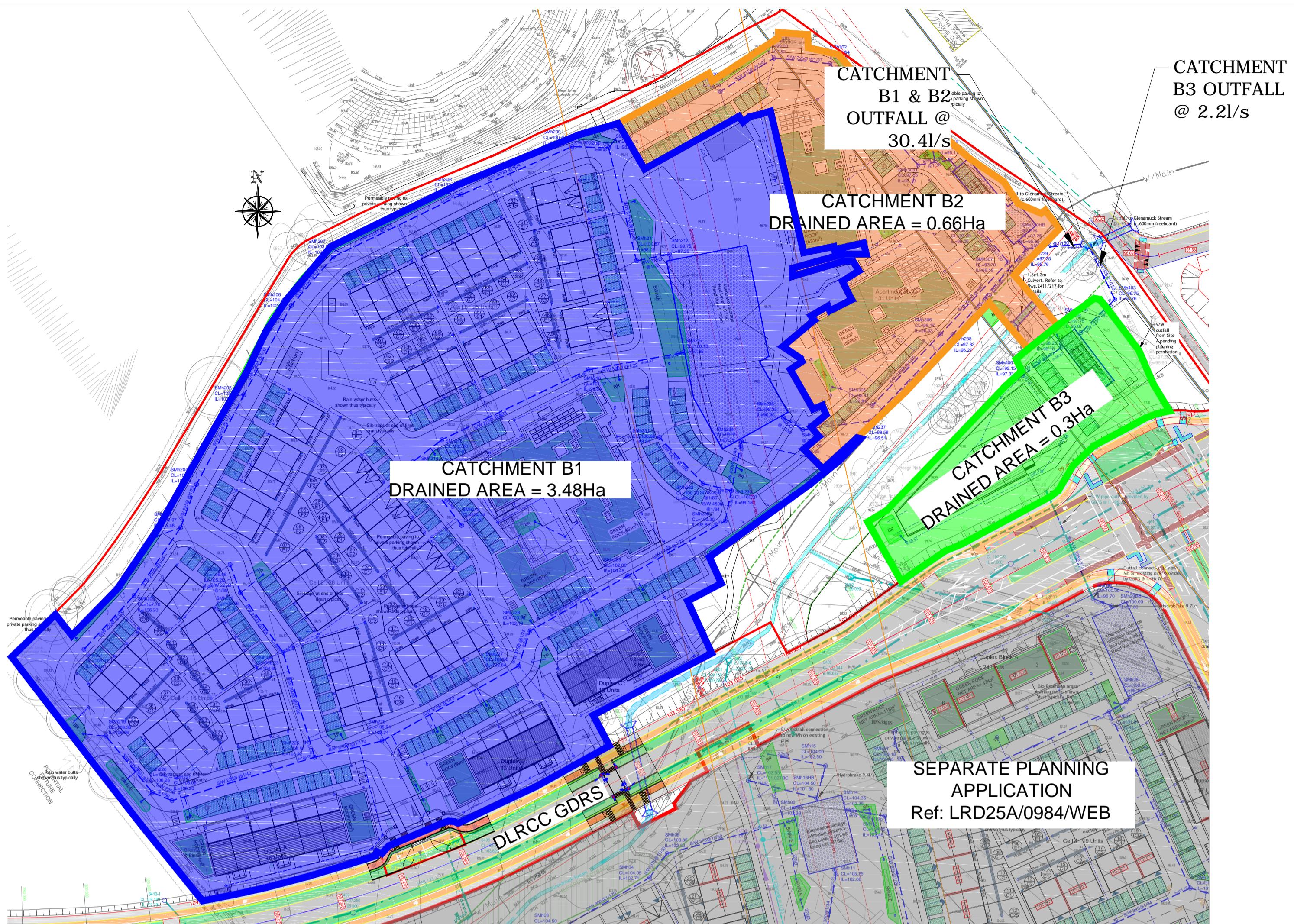


Typical Bio-Retention Area  
Long' Section



Section 1-1

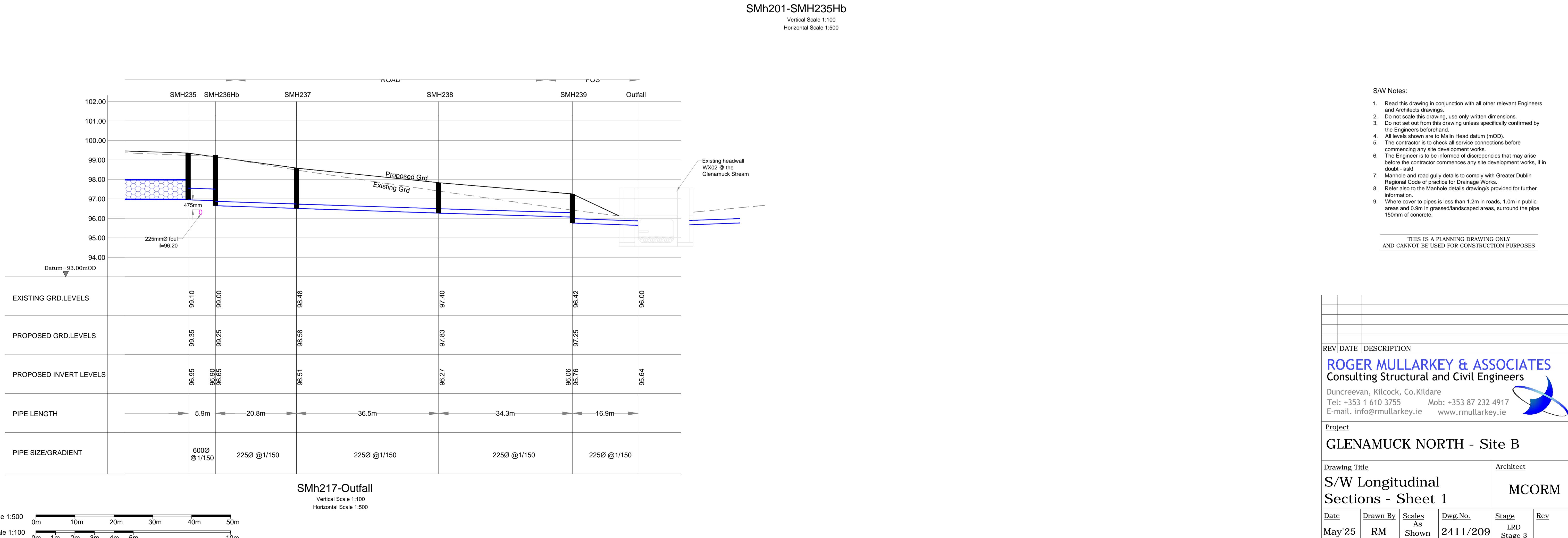
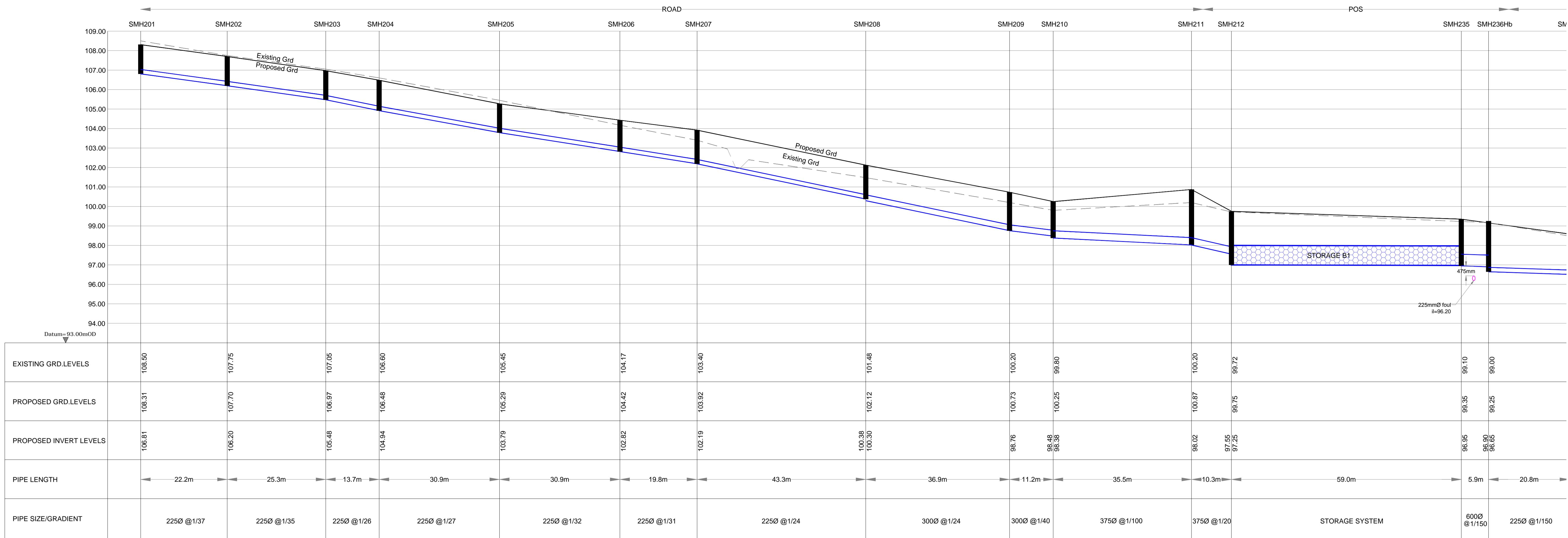
REV	DATE	DESCRIPTION			
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Project GLENAMUCK NORTH - Site B					
Drawing Title SuDS Details - Sheet 1 Architect MCORM					
Date	Drawn By	Scales As Shown	Dwg. No.	Stage	Rev
May'25	RM	1:50	2411/205	LRD	Stage 3



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Project  
**GLENAMUCK NORTH LRD - Site B**  
 Drawing Title **Drainage Catchments & Exceedance Flow** Architect **MCORM**  
 Date **Mar'25** Drawn By **RM** Scales **As Shown @ A1** Dwg. No. **2411/206** Stage **LRD Stage 3** Rev **1**





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- Manhole and road gully details to comply with Greater Dublin Regional Code of practice for Drainage Works.
- Refer also to the Manhole details drawing/s provided for further information.
- Where cover to pipes is less than 1.2m in roads, 1.0m in public areas and 0.9m in grassed/landscaped areas, surround the pipe

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## ENAMUCK NORTH - Site B

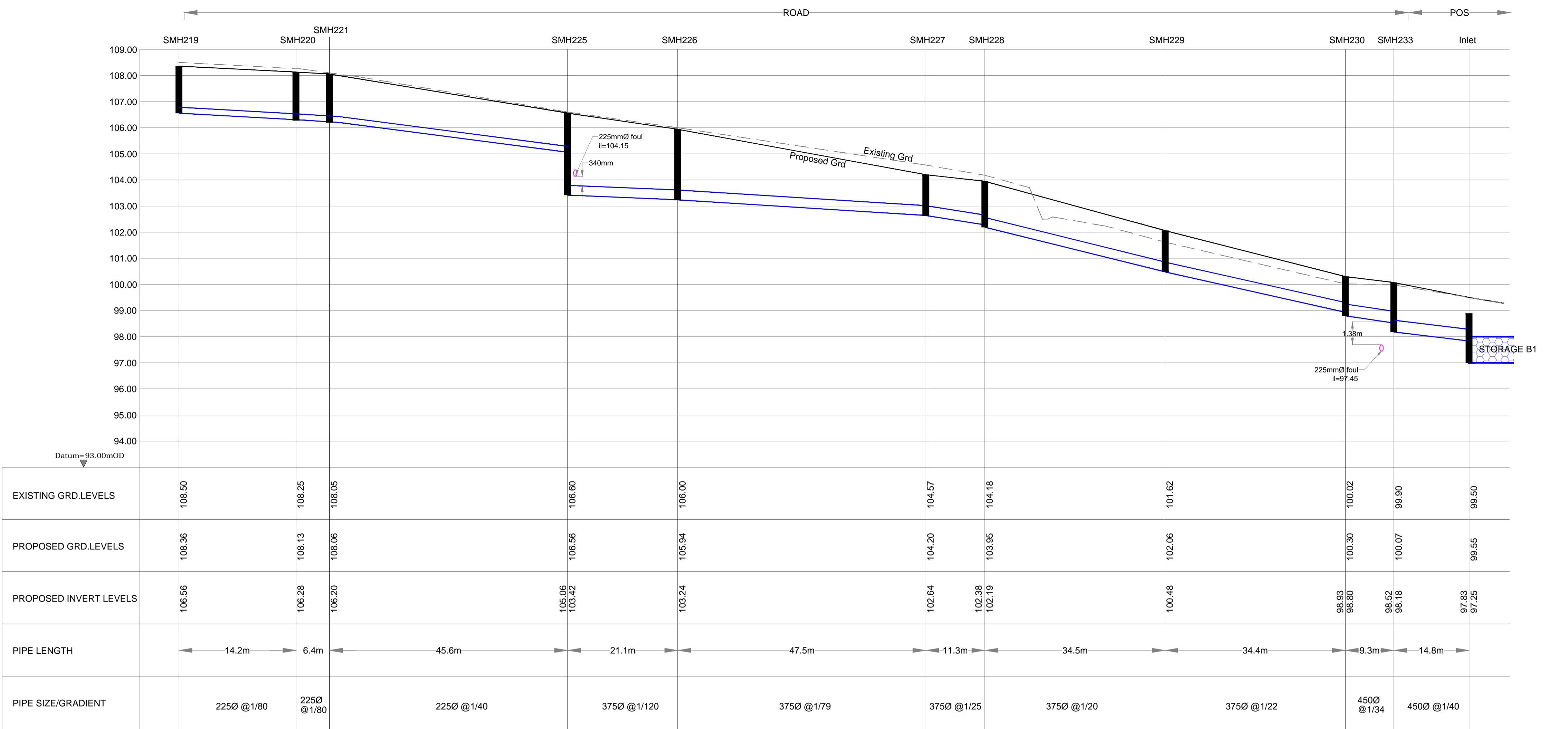
<u>Engineering Title</u> <b>W Longitudinal Sections, Sheet 1</b>	<u>Architect</u> <b>MCORM</b>
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	<u>Drawn By</u>	<u>Scales</u> As Shown @ A1	<u>Dwg. No.</u>	<u>Stage</u> LRD Stage 3	<u>Rev</u>
25	RM		2411/209		

**S/W Notes:**

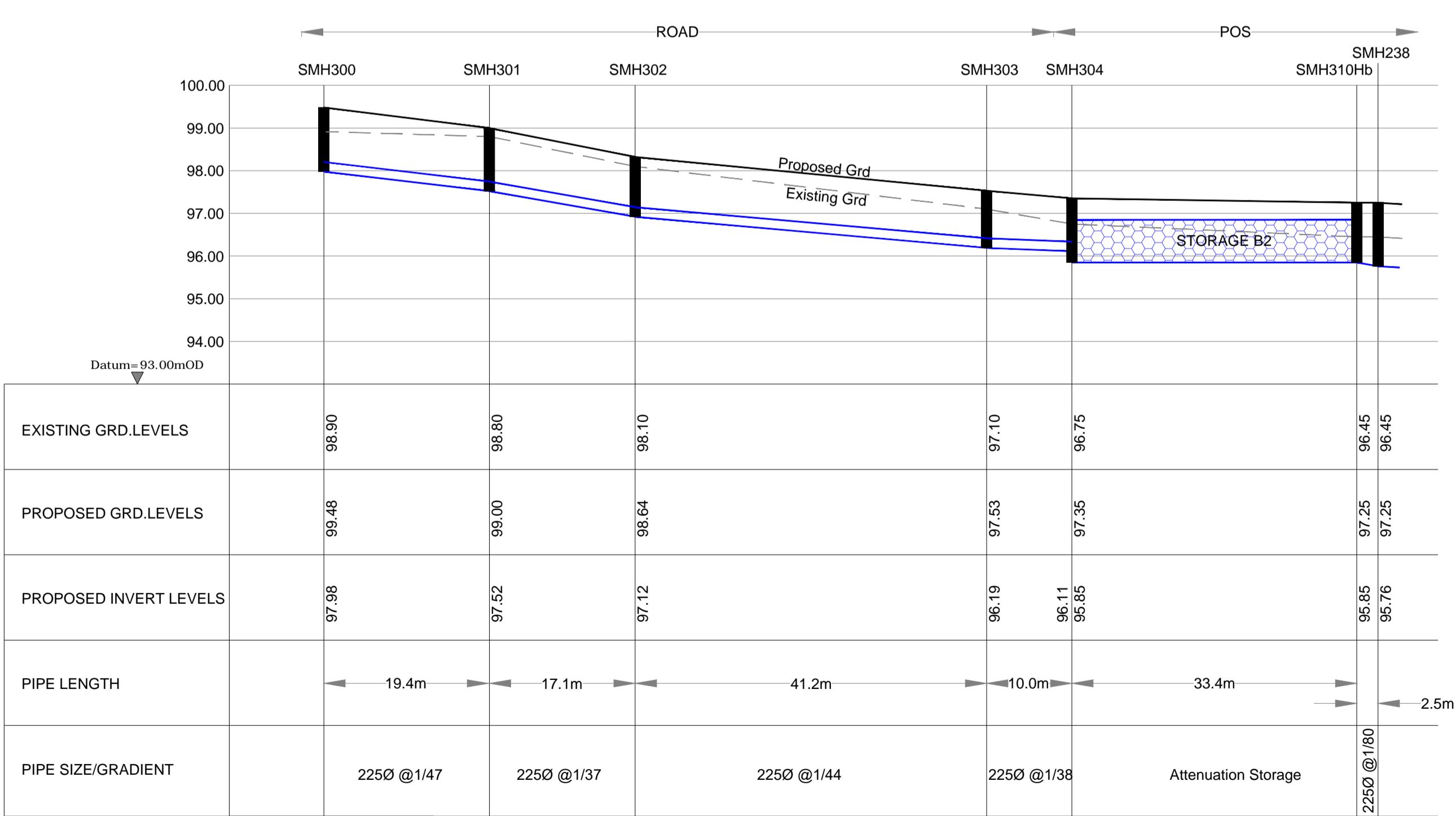
1. Read this drawing in conjunction with all other relevant Engineers and Architects drawings.
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7. Existing and road gully details to comply with Greater Dublin Regional Code of practice for Drainage Works.
8. Refer also to the Manhole details drawing/s provided for further information.
9. Where cover to pipes is less than 1.2m in roads, 1.0m in public areas and 0.9m in grassed/landscaped areas, surround the pipe 150mm of concrete.

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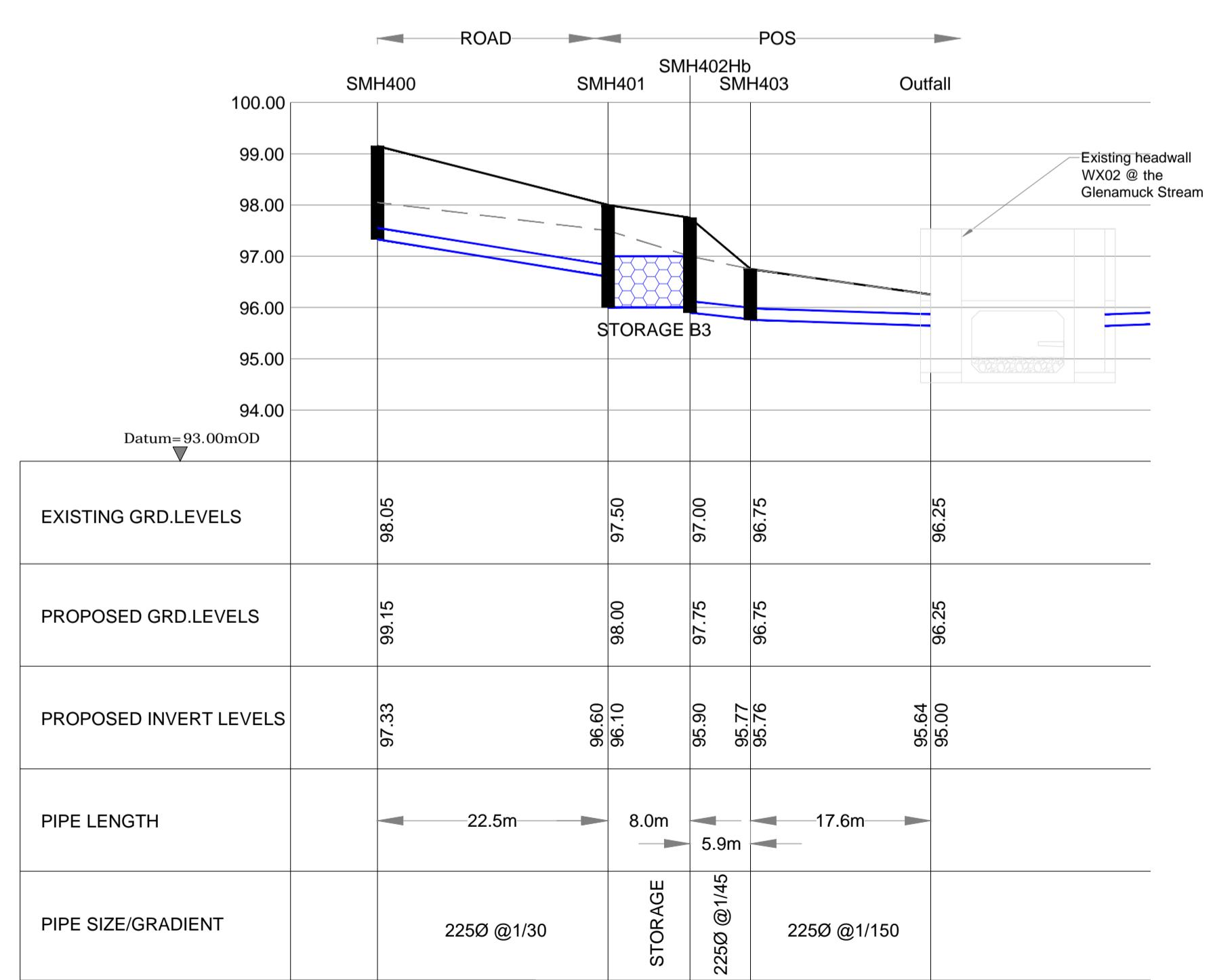
SMh219-Detention Basin

Vertical Scale 1:100  
Horizontal Scale 1:500



SMh300-SMh238

Vertical Scale 1:100  
Horizontal Scale 1:500



SMh400-Outfall

Vertical Scale 1:100  
Horizontal Scale 1:500

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Project					
GLENAMUCK NORTH - Site B					
Drawing Title		Architect			
S/W Longitudinal Sections - Sheet 2		MCORM			
Date	Drawn By	Scales	Dwg. No.	Stage	Rev
May '25	RM	As Shown @ A1	2411/210	LRD Stage 3	

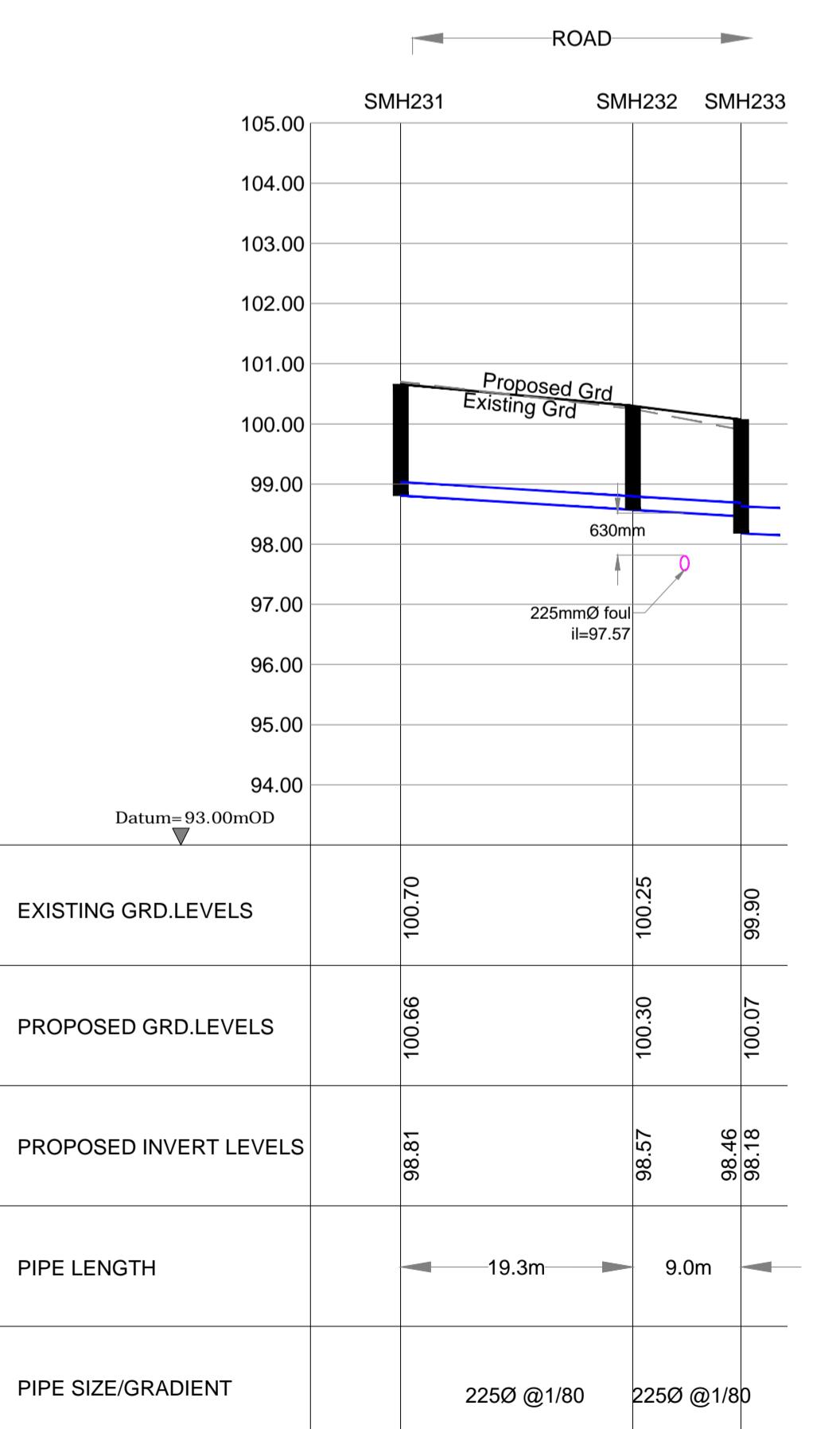
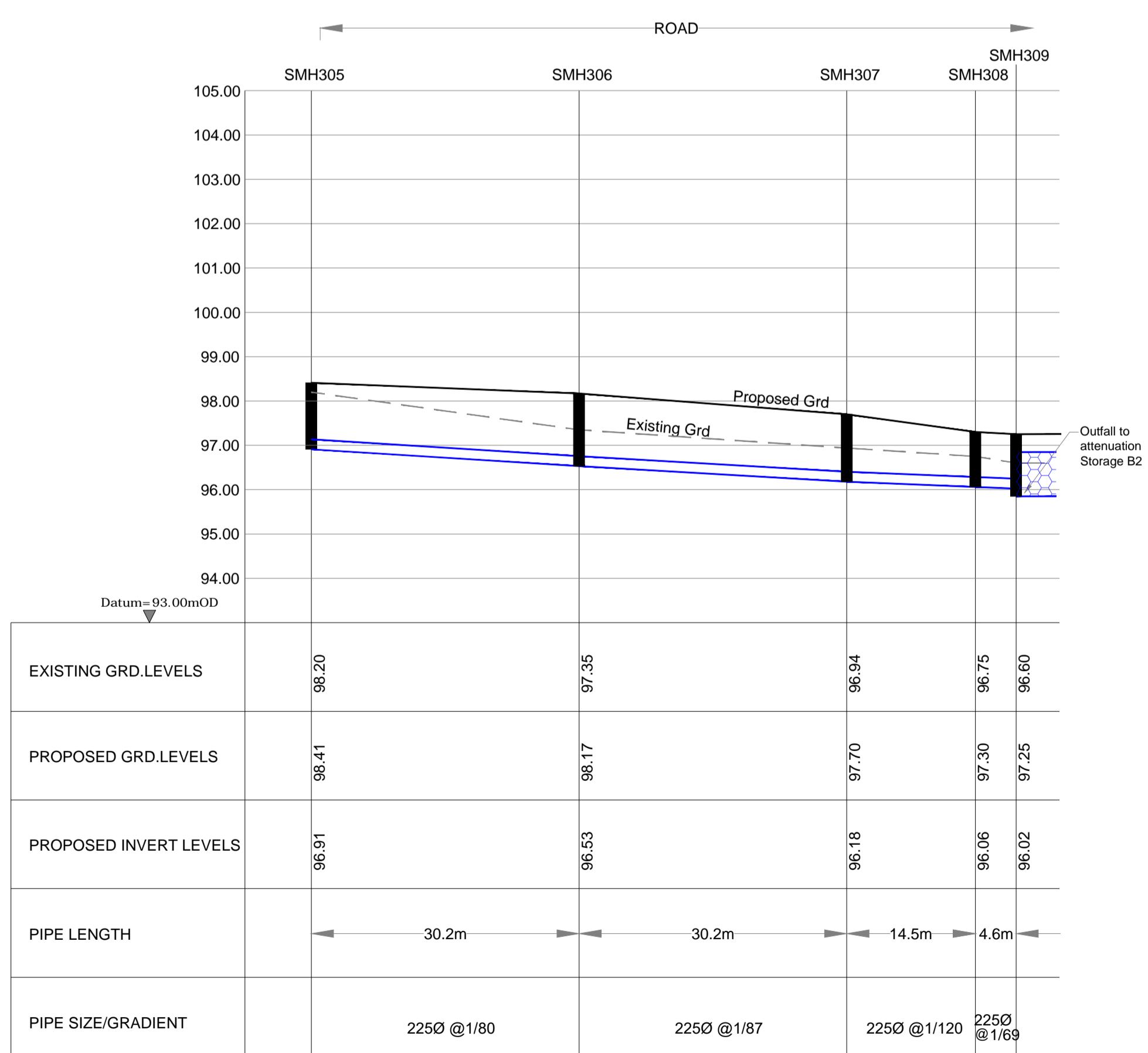
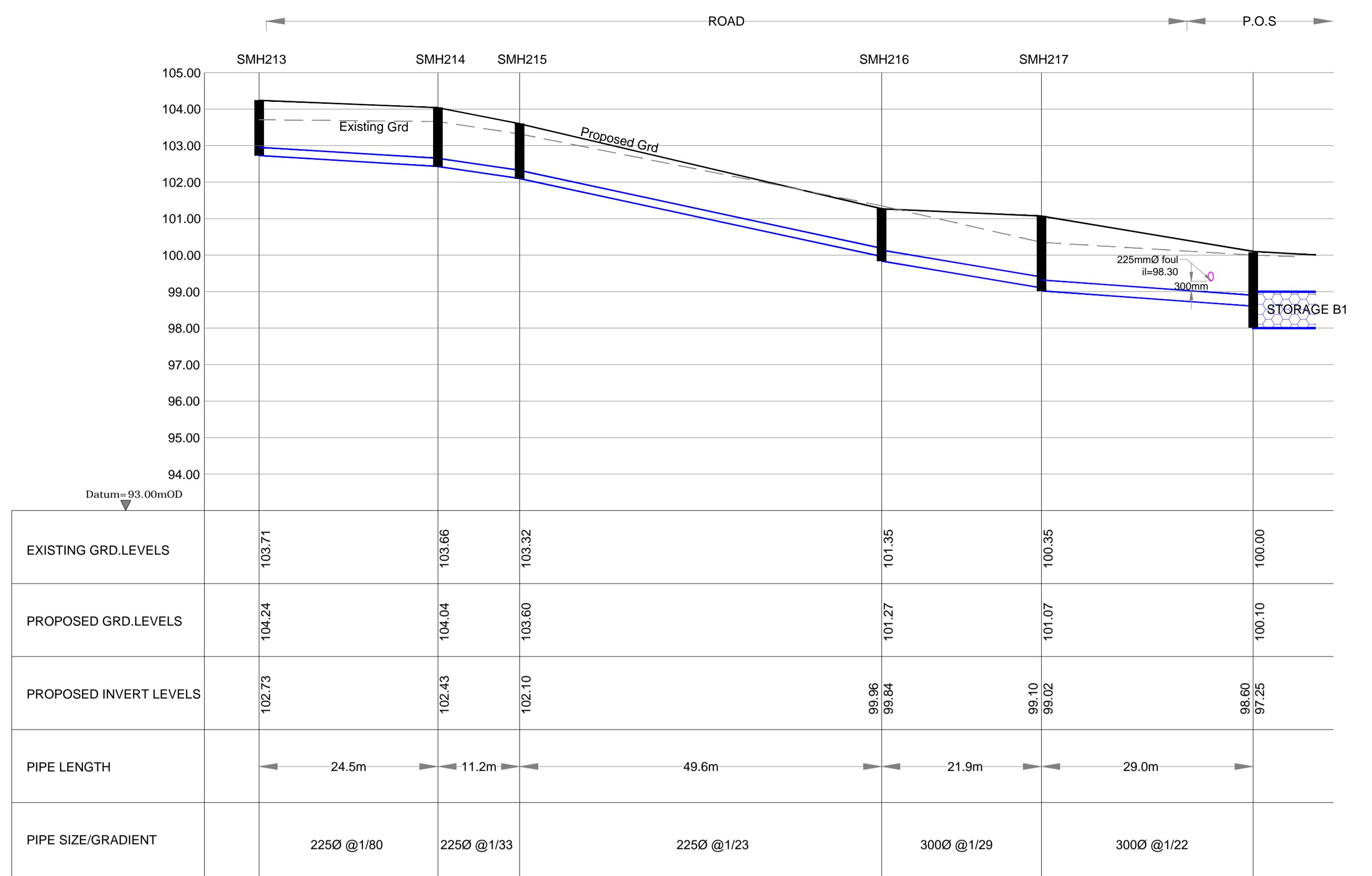
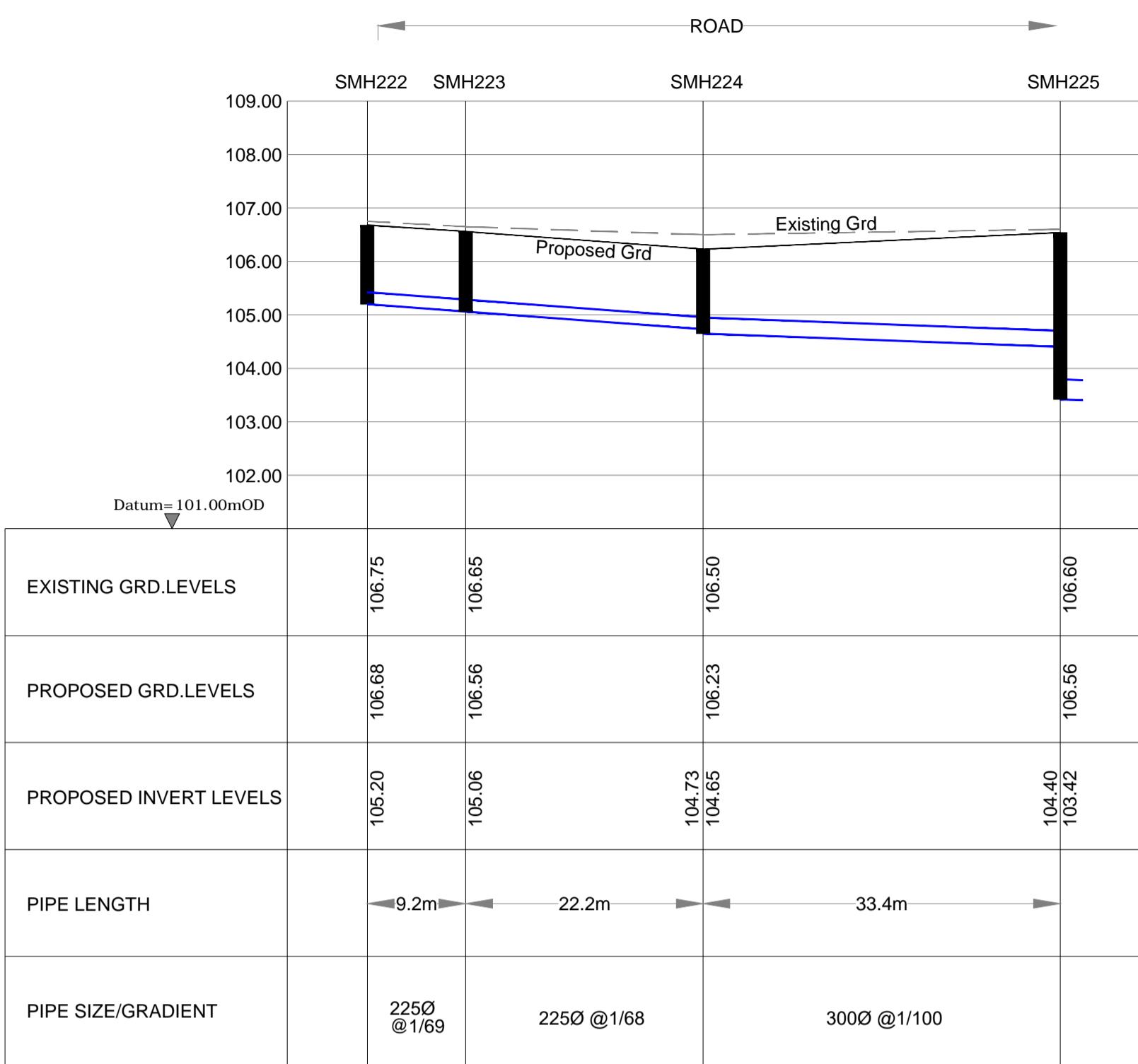
A1 Scale 1:500  
A1 Scale 1:100  
0m 10m 20m 30m 40m 50m  
0m 1m 2m 3m 4m 5m 10m

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<b>Project</b> <b>GLENAMUCK NORTH - Site B</b>					
<b>Drawing Title</b> <b>S/W Longitudinal Sections - Sheet 3</b>		<b>Architect</b> <b>MCORM</b>			
Date	Drawn By	Scales As Shown @ A1	Dwg.No.	Stage	Rev
May'25	RM		2411/211	LRD Stage 3	