

OLD TRUNK WATERMAIN NOW DISCONNECTED AND DIVERTEED AS PART OF THE GDDR PROJECT

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**NOTES:**

1. Read in conjunction with all relevant Architects and Engineer's drawings and specification. All setting out to be done from the Architect's drawings. Do not scale the drawing.
2. Refer to Dwg No.2411/xxx & xxx for full specification notes relating to the roads details.
3. The contractor shall prepare a traffic management plan and agree it with the Local Authority, prior to commencement of work on site.
4. All road surfaces drain to SuDS features or road gullies connected to SuDS features. All entry points/gullies must be placed at low points to eliminate ponding. Close gullies in the direction of the traffic flow. Place double gullies at upstream side of table ramps.

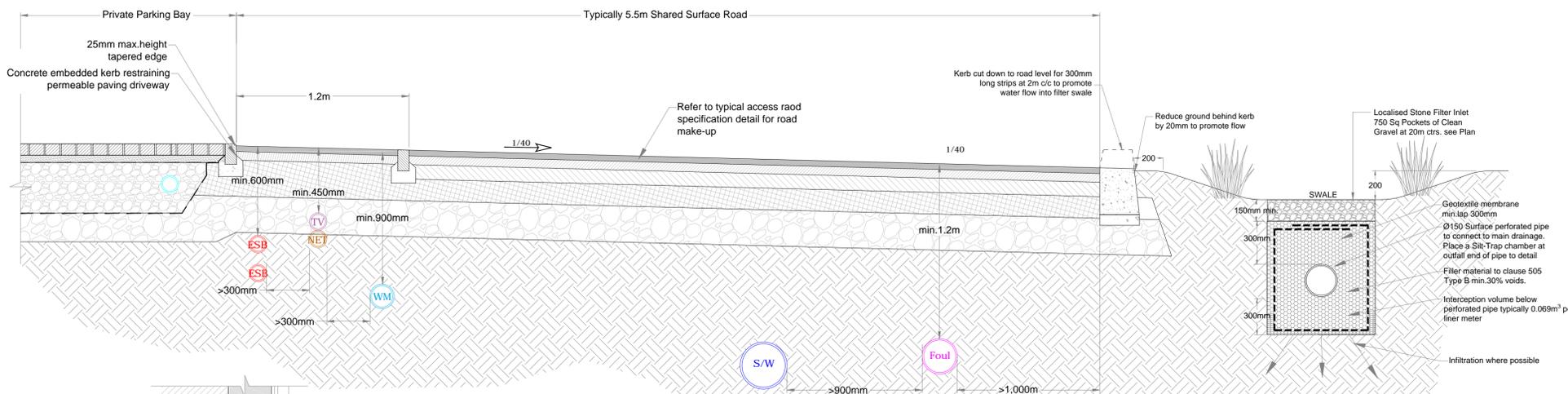
Levels Legend	
Road Level	± 101.00
Road Camber Single	<
Road Camber Double	<>
House Level	103.00

SEPARATE PLANNING APPLICATION  
Ref: LRD25A/0984/WEB

REV	DATE	DESCRIPTION

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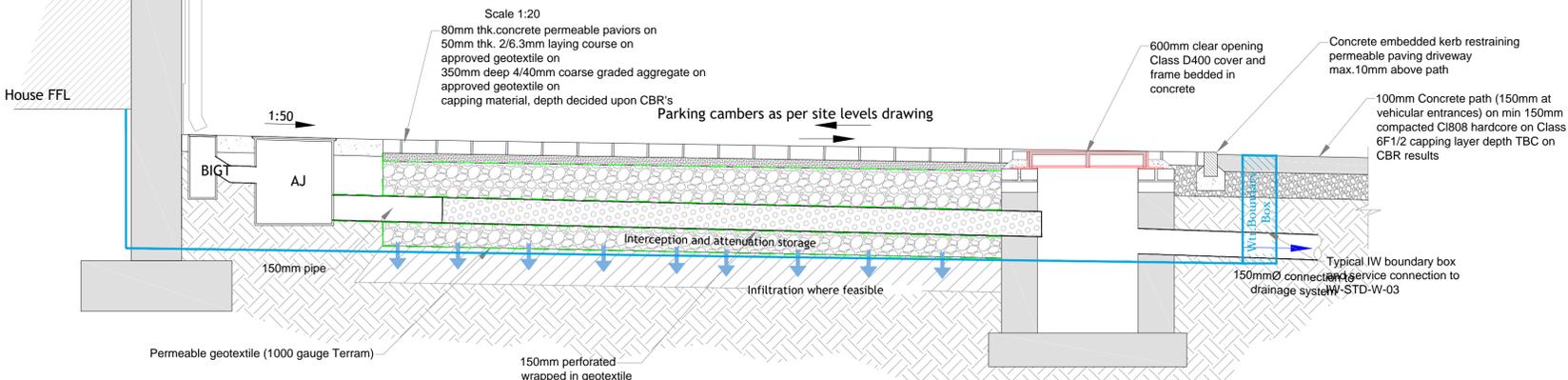
Project		GLENAMUCK NORTH LRD - SITE B	
Drawing Title		Road & Block Levels	
Architect		MCORM	
Date	Drawn By	Scales	Dwg.No.
May'25	RM	1:500 @ A1	2411/200
Stage	Rev		
LRD STAGE 3			



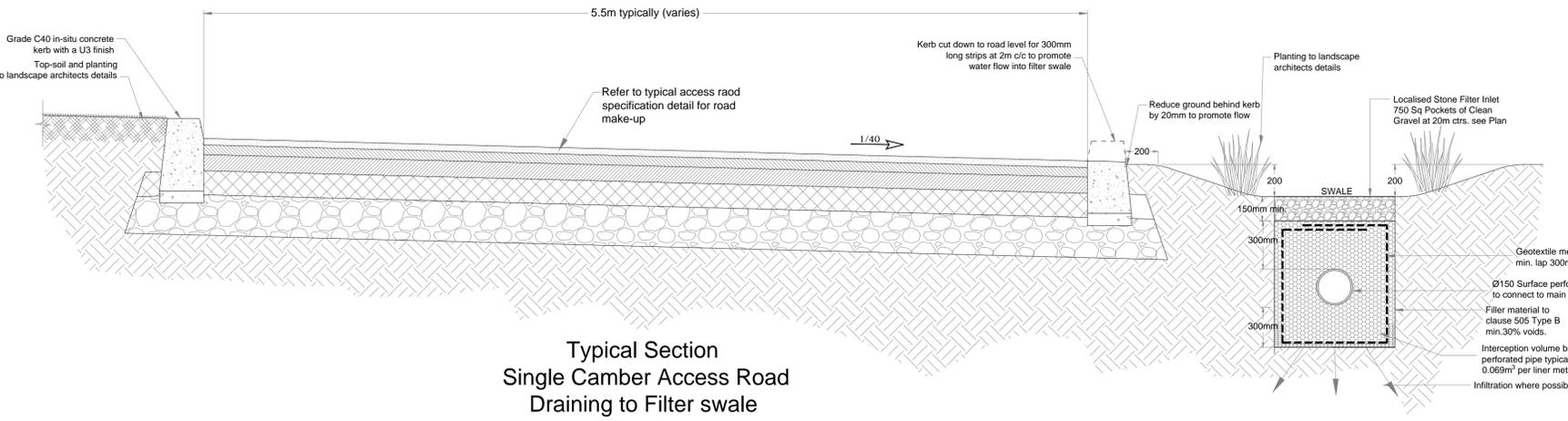
- NOTES:**
1. Read in conjunction with all relevant Architect's and Engineer's drawings and specification. All setting out to be done from the Architect's drawings. Do not scale the drawing.
  2. The contractor shall establish, by slit trenches, by liaison with the various utilities and by scanning, the location of the existing services, so that the work can be carried out in a safe and efficient manner.
  3. The contractor shall prepare a traffic management plan and agree it with the Local Authority, prior to commencement of work on site.
  4. Soft areas and loose uncompacted areas to be excavated and replaced with stone capping layer, Class 6F1 or 2 to the TII Specification for Road Works, as amended by the specification, compacted in layers to clause 612.
  5. All services, including manhole covers and gullies must be installed before the wearing course is placed. No patch work permitted.
  6. Concrete in footpaths to be Mix E to specification and Mix F in kerb beds and haunch.
  7. Form A should be given to the concrete supplier.
  8. Sub base to be blinded with a thin layer of non plastic quarry screenings, where necessary, maximum thickness to be 20mm.
  9. Double road gullies must be placed at low points to eliminate ponding. Close gullies in the direction of the traffic flow.

- ROAD SPECIFICATION FOR ACCESS ROAD:**
1. 40mm Surface Course HRA in accordance with CI.911,915,943 of SWR laid and compacted in accordance with CI.903.
  2. 60mm Dense Binder Course (0/20mm nominal size) in accordance with CI. 929,930,937,943 of SRW laid and compacted in accordance with C.903. AC20 HDM bin 40/60 des.
  3. 100mm Dense Base Course macadam(0/32mm nominal size) in accordance with CI.906,907,929,930 of SRW laid and compacted in accordance with CI.903. AC HDM base 60/60 des.
  4. Sub-Base -200mm (min) crushed stone sub base to be to clause 808 and grading to be in accordance with the TII Specification for Road Works, laid and compacted to clause 802. All stone to be certified for the end use for additional properties as per the requirements of SR21:2014 Annex E.
  5. Tensar HX165 Geogrid (2nd layer), allow 600mm for overlaps
  6. 350mm Capping Layer - stone capping layer should be to Class 6F2 to the TII Specification for Road Works, compacted in layers to clause 612.
  7. Tensar HX165 Geogrid (1st Layer), allow 600mm for overlaps
  8. Terram woven geotextile with min lapping of 600mm
  9. Rolled and Compacted firm sub-grade
  10. Granular filling material, to Class 6F2 certified for end use to the requirements of SR21 as above. It shall be used to make up levels below the hardcore. Each layer shall be compacted with approved mechanical equipment in accordance with clause 612 of the TII Specification. Generally the layers shall not exceed 150mm thick.
  11. Hardcore and granular fill shall be obtained from an independently tested and approved quarry. The stone shall be certified as being not subject to swelling and in accordance with SR21:2014 Annex E. Samples of Granular Fill to be taken from site and to be tested at a frequency to be agreed but minimum of 1No sample per 125m<sup>2</sup> for roads/paths.
  12. CBR tests to be carried out at a maximum of 50 m c/c.
  13. Terram is required generally in low CBR and wet areas.

**Typical Shared Surface Road to SuDS Section**  
Scale 1:20

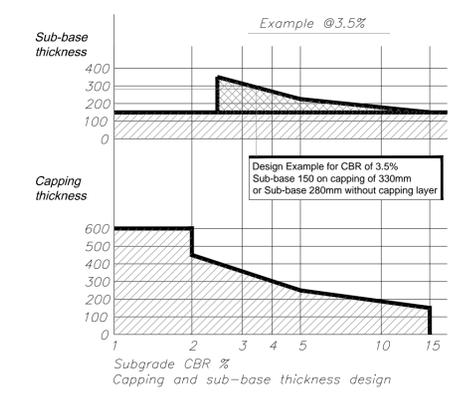


**Typical Private Parking Bay**  
Scale 1:50

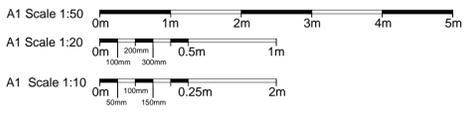
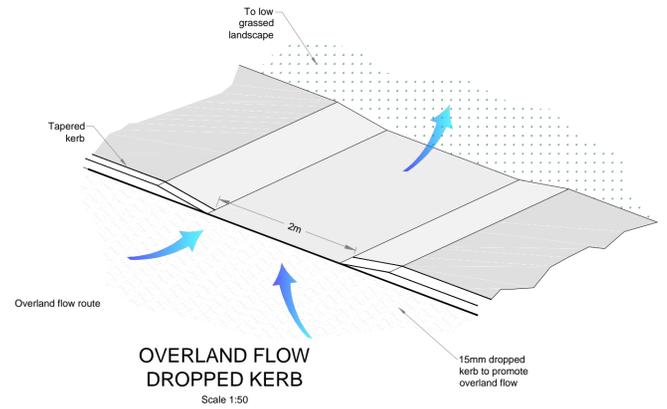


CBR%	<2	2	3	4-15	16+
Depth	350	250	200	150	0

NOTE: Use Terram geotextile generally where formation is wet. Use Tensar Geogrid in road at locations where CBR <2%. Refer to SI report for location's of CBR's.

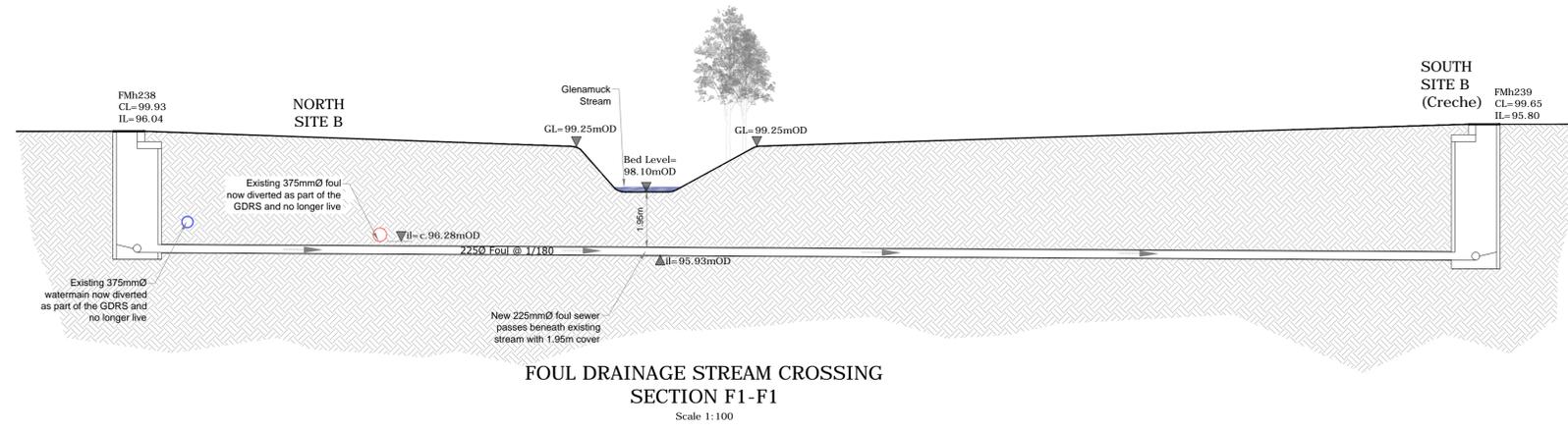


1. 40mm Surface Course HRA in accordance with CI.911,915,943 of SWR laid and compacted in accordance with CI.903.
2. 60mm Dense Binder Course (0/20mm nominal size) in accordance with CI. 929,930,937,943 of SRW laid and compacted in accordance with C.903. AC20 HDM bin 40/60 des.
3. 100mm Dense Base Course macadam(0/32mm nominal size) in accordance with CI.906,907,929,930 of SRW laid and compacted in accordance with CI.903. AC HDM base 60/60 des.
4. Sub-Base -200mm (min) crushed stone sub base to be to clause 808 and grading to be in accordance with the TII Specification for Road Works, laid and compacted to clause 802. All stone to be certified for the end use for additional properties as per the requirements of SR21:2014 Annex E.
5. 350mm Capping Layer - stone capping layer should be to Class 6F2 to the TII Specification for Road Works, compacted in layers to clause 612.
6. Terram woven geotextile with min lapping of 600mm if required
7. Rolled and Compacted firm sub-grade

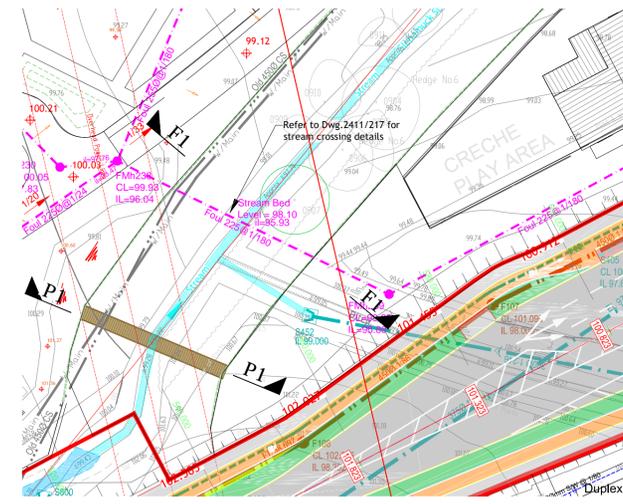


REV	DATE	DESCRIPTION
<p><b>ROGER MULLARKEY &amp; ASSOCIATES</b> Consulting Structural and Civil Engineers</p> <p>Duncreevan, Kilcock, Co. Kildare Tel: +353 1 610 3755 Mob: +353 87 232 4917 E-mail: info@rmullarkey.ie www.rmullarkey.ie</p>		
Project		
GLENAMUCK NORTH - SITE B		
Drawing Title		Architect
ROAD DETAILS - Sheet 1		MCORM Architects
Date	Drawn By	Scales As Shown @A1
May'25	RM	
Dwg.No.	Stage	Rev
2411/216	LRD Stage 3	





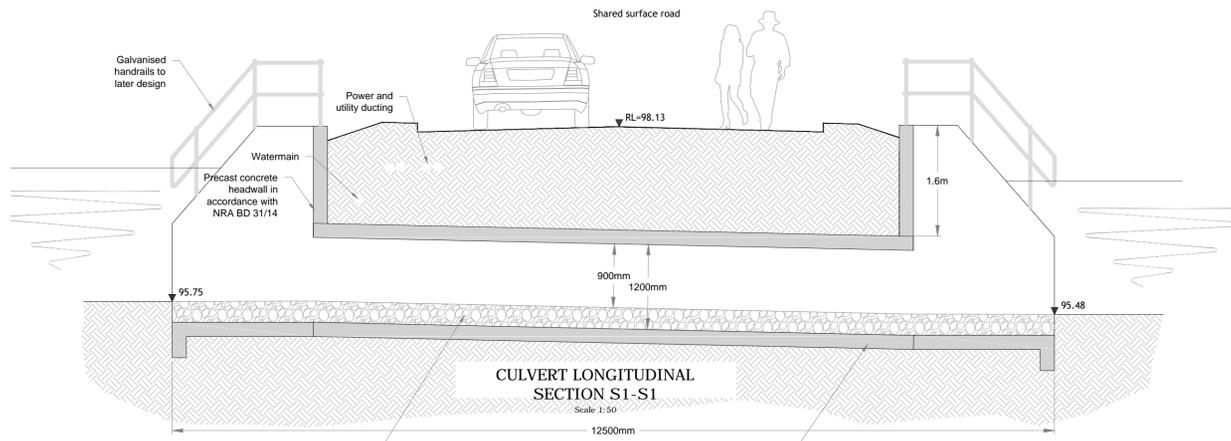
**FOUL DRAINAGE STREAM CROSSING SECTION F1-F1**  
Scale 1:100



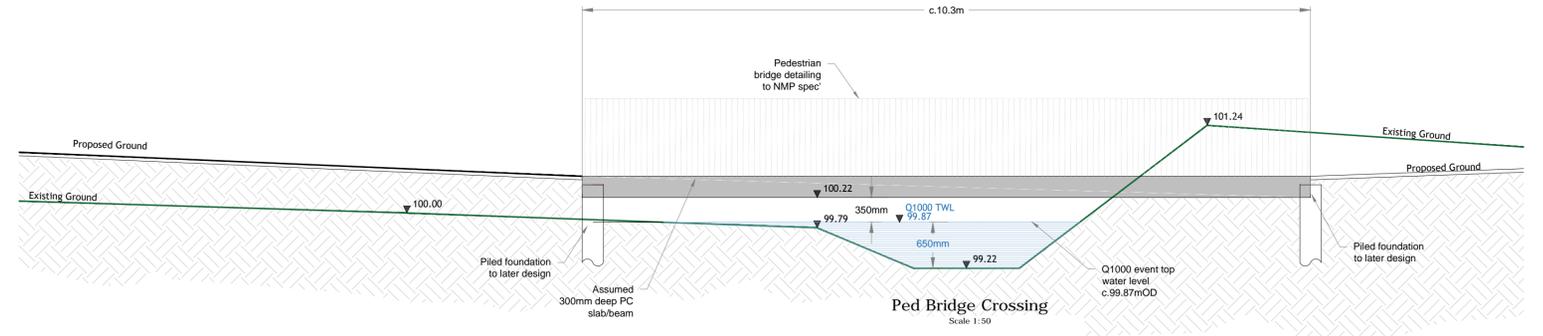
**Foul Crossing Location**  
Scale 1:500

- 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 to Malin 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.

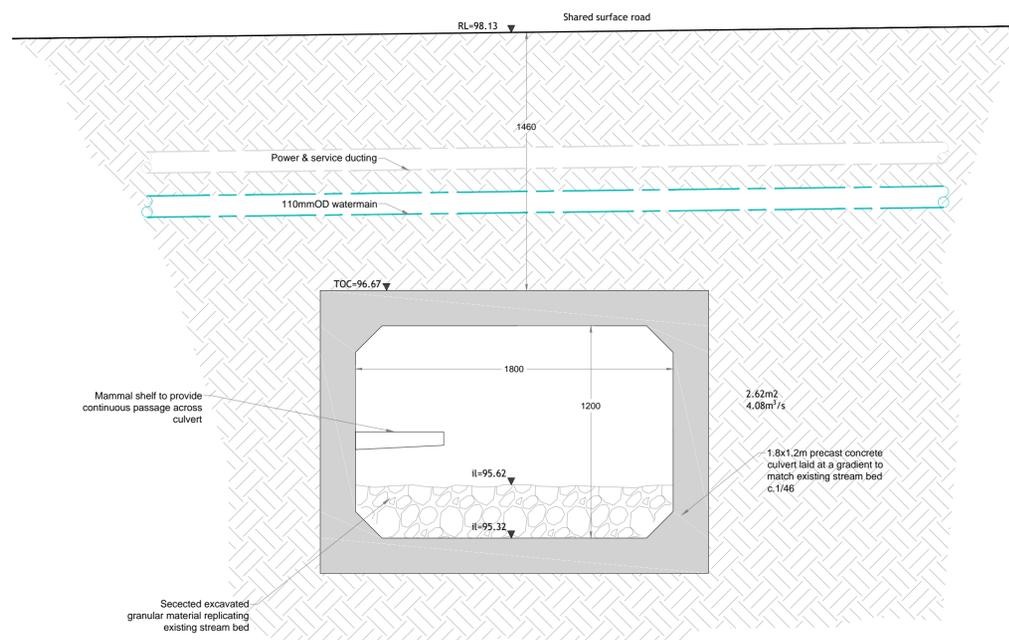
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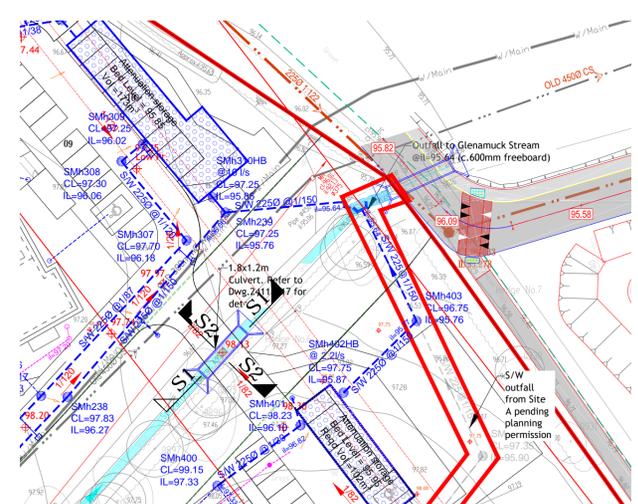
**CULVERT LONGITUDINAL SECTION S1-S1**  
Scale 1:50



**Ped Bridge Crossing**  
Scale 1:50



**CULVERT SECTION S2-S2**  
Scale 1:20



**Culvert Location**  
Scale 1:500

REV	DATE	DESCRIPTION

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**Project**  
**GLENAMUCK NORTH - SITE B**

**Drawing Title**  
**Stream Crossing Details**

**Architect**  
**MCORM**

Date	Drawn By	Scales As Shown @ A1	Dwg.No.	Stage	Rev
May'25	RM	As Shown @ A1	2411/218	LRD STAGE 3	

A1 Scale 1:500  
A1 Scale 1:50  
A1 Scale 1:20  
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