

- 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. 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

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

OLD TRUNK FOUL SEWER NOW
DISCONNECTED AND DIVERETED AS
PART OF THE GDDR PROJECT

OLD TRUNK FOUL SEWER NOW
DISCONNECTED AND DIVERETED AS
PART OF THE GDDR PROJECT

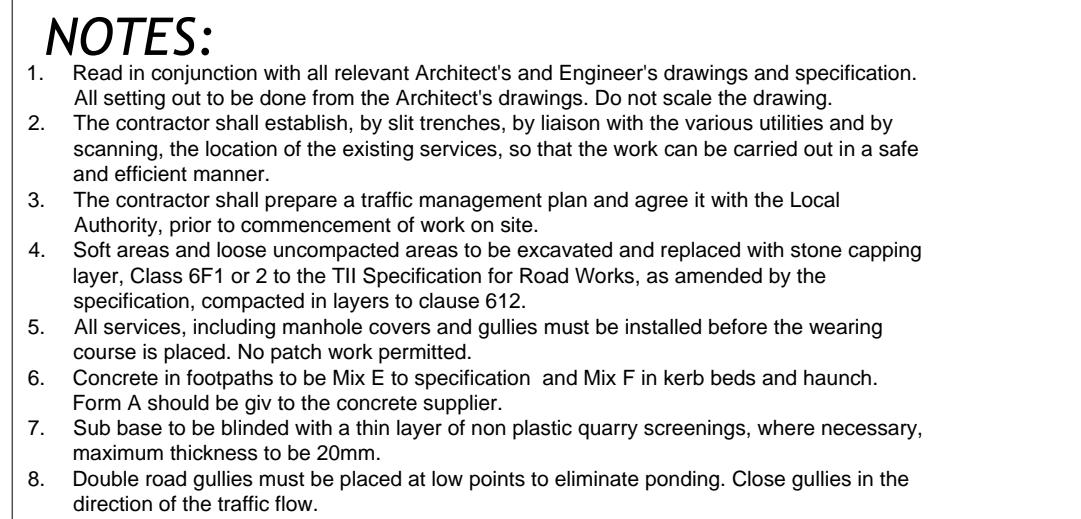
OLD TRUNK WATERMAIN NOW
DISCONNECTED AND DIVERETED AS
PART OF THE GDDR PROJECT

REV DATE DESCRIPTION

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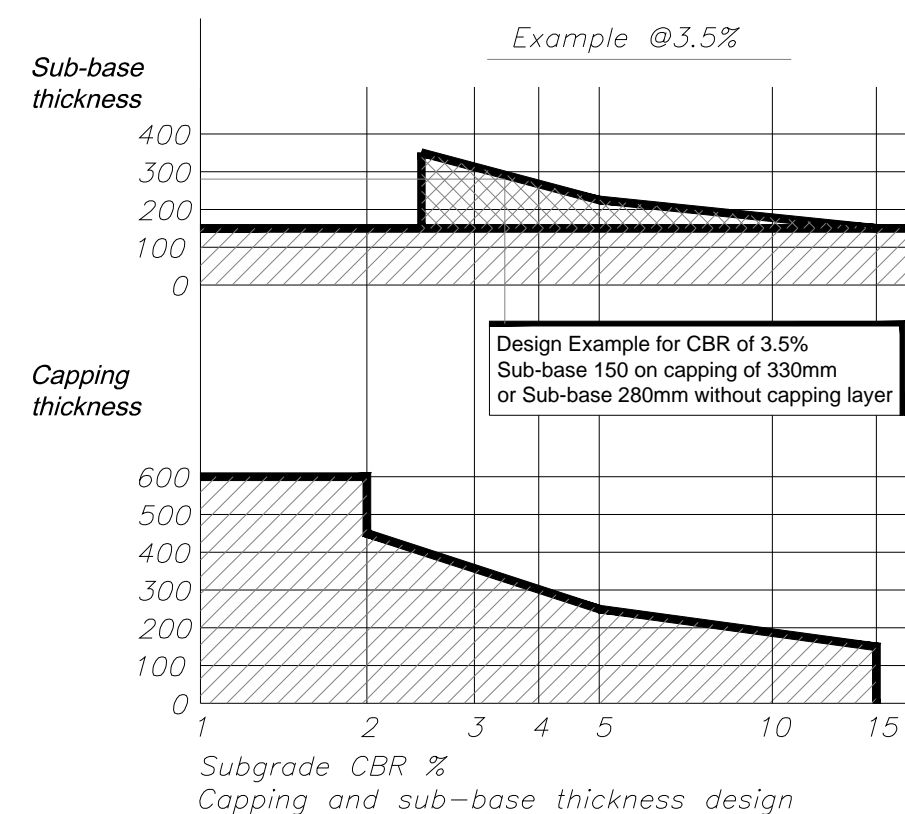
<u>Project</u>						
GLENAMUCK NORTH LRD - SITE B						
<u>Drawing Title</u>				<u>Architect</u>		
Road & Block Levels				MCORM		
<u>Date</u>	<u>Drawn By</u>	<u>Scales</u>	<u>Dwg.No.</u>	<u>Stage</u>	<u>Rev</u>	
May'25	RM	1:500 @ A1	2411/200	LRD STAGE 3		



1. 40mm Surface Course HRA in accordance with Cl.911.915,943 of SWR laid and compacted in accordance with Cl.91.93.
2. 600mm Dense Binder Course (20/20mm nominal size) in accordance with Cl. 929,930,937,943 of SWR laid and compacted in accordance with Cl.903. AC20 HDM bit 40/60 des.
3. 100mm Dense Base Course macadam(30/30mm nominal size) in accordance with Cl.906,907,929,930 of SWR laid and compacted in accordance with Cl.903. AC HDM base 60/60 des.
4. Sub-base -200mm (nominal) crushed stone sub base to be class 808 and grading to be in accordance with the TII Specification for Road Layers, laid and compacted to class 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 of the TII Specification for Road Works, compacted in layers to class 612.
7. Tensar HX165 Geogrid (1st Layer), allow 600mm for overlaps
8. Terram woven geotextile with min laping of 600mm
9. Rolled and Compacted firm sub-grade
10. Granular filling material, to Class 6F2 certified for end 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.
11. Hardcore and granular fill shall be obtained from a 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
12. The relative density to be agreed but minimum sample per 125m³ for roads/paths.
13. CBR tests to be carried out at a maximum of 50 m c/c.
14. Tensar is required generally in low CBR and wet areas.



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.



To low grassed landscape

Tapered kerb

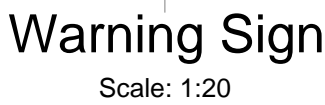
2m

15mm dropped kerb to promote overland flow

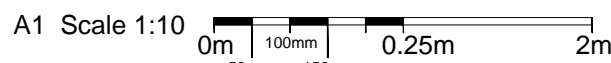
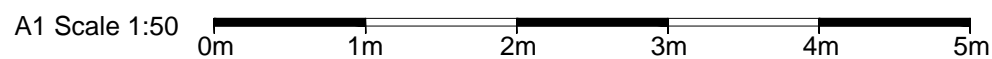
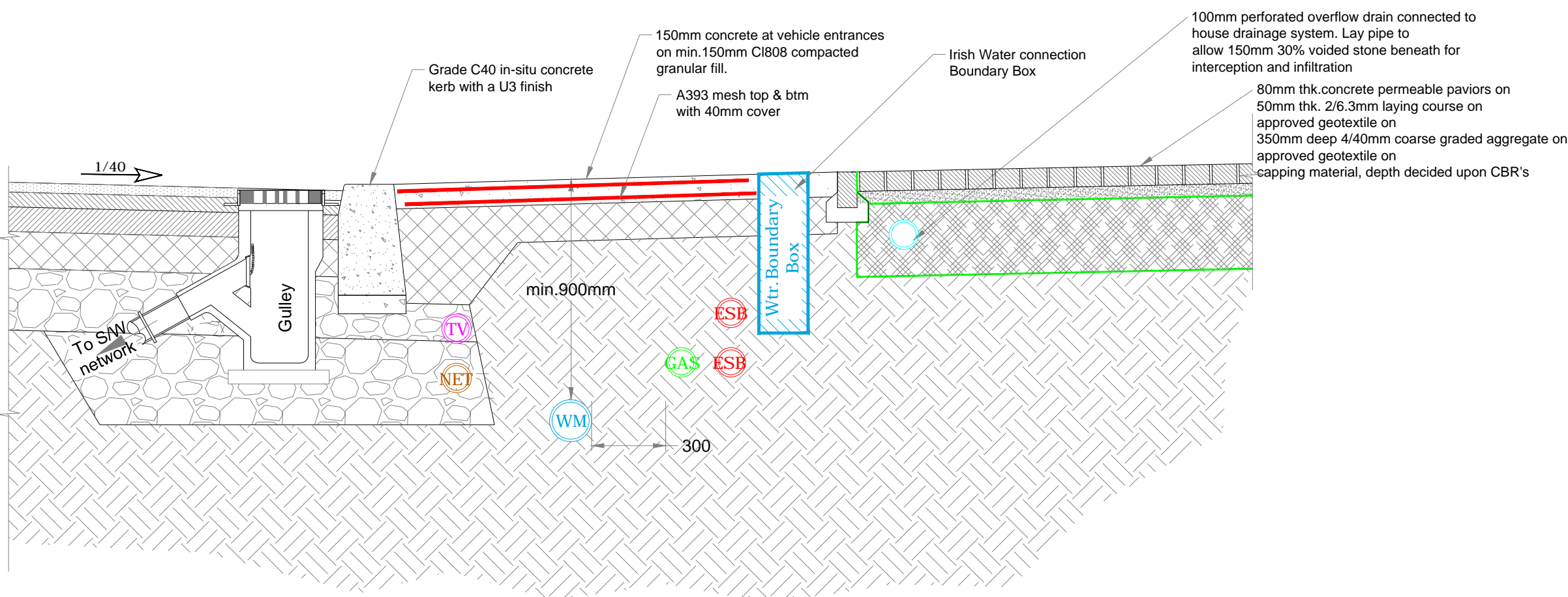
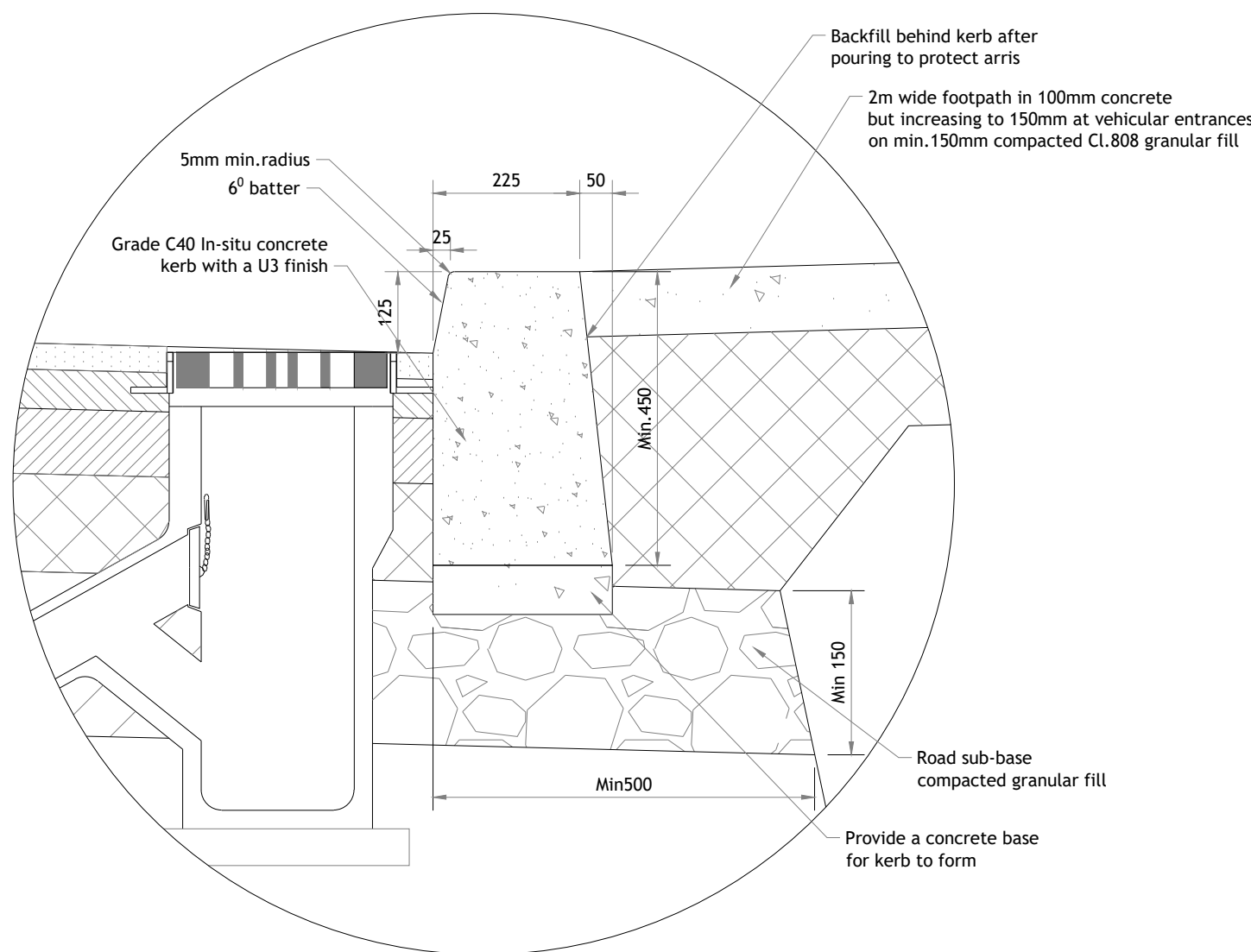
OVERLAND FLOW DROPPED KERB

Scale 1:50





-
- Sign Ref. 6.44 T.S.I.
600x600
- 3.35x76 dia.
galvanised pole
- 100 concrete/flexible
to match existing
- 600x600x600
concrete foundation




©This drawing is Copyright and must only be used for the project noted

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 shall be excavated and replaced with stone capping layer, Class 6F1 or 2 to the TII Specification for Road Works, as amended by the specification, commented 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. Form A should be given to the concrete supplier.
7. Sub base to be blinded with a thin layer of non plastic quarry screenings, where necessary, maximum thickness to be 20mm.
8. Double road gullies must be placed at low points to eliminate ponding. Close gullies in the direction of the traffic flow.

1. 40mm Surface Course HRA in accordance with Cl.91.915,913 of SVR laid and compacted in accordance with Cl.91.03.
2. 60mm Dense Binder Course (020mm nominal size) in accordance with Cl. 929.930,937,943 of SVR laid and compacted in accordance with Cl.93.03. AC20 HD bin 40/60 des
3. 100mm Dense Base Course macadam (032mm nominal size) in accordance with Cl.929.930,937,943 of SVR laid and compacted in accordance with Cl.93.03. AC HD base 60/60 des
4. Sub-Base -200mm (SRW) 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 selected for the end use for additional to 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. Tensar woven geotextile with min lapling of 600mm
9. Rolled and Compacted firm sub-grade
10. Granular filling material, to Class 6F2 certified for end use to the requirements of SR21:2014 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 a 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 in accordance with SR21:2014 Annex E.
12. CBR tests to be agreed but minimum sample per 125m² for roads/paths.
13. TBR tests are carried out at a maximum of 50 m/c wet.
14. CBR tests required generally in low CBR and wet areas.

1. 80mm thick concrete permeable pavions, on
2. 50mm thick 2/6.3mm laying course, on
3. Terram geotextile, on
4. 350mm deep 4/40mm coarse graded aggregate, on
5. Tensar HX165 Geogrid (2nd Layer), on
6. Terram woven geotextile with min lapping of 600mm, on
7. 350mm Capping Layer - stone capping over should be to Class G62 to the TII Specification for Road Works, compacted in layers to clause 612, on
8. Tensar HX165 Geogrid (1st layer), allow 600mm for overlaps on
9. Terram woven geotextile with min lapping of 600mm
10. Rolled and Compacted firm sub-grade
11. Provide concrete banding kerbs to restrain permeable paving at 5m/c to detail
12. Provide 150mm perforated land drain connected to main SW drainage at 10m/c with IC's with D400 frameslides
13. Gravel filling material, to Class G62 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.
14. Hardcore and granular fill shall be obtained from a 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
 - a) at a frequency to be agreed but minimum of 1 No sample per 125m² for roads/paths.
 - b) CBR tests to be carried out at a maximum of 50 m/c
 - c) Terram is required generally in low CBR and wet areas.

REV / DATE	DESCRIPTION
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Project

GLENAMUCK NORTH - SITE B

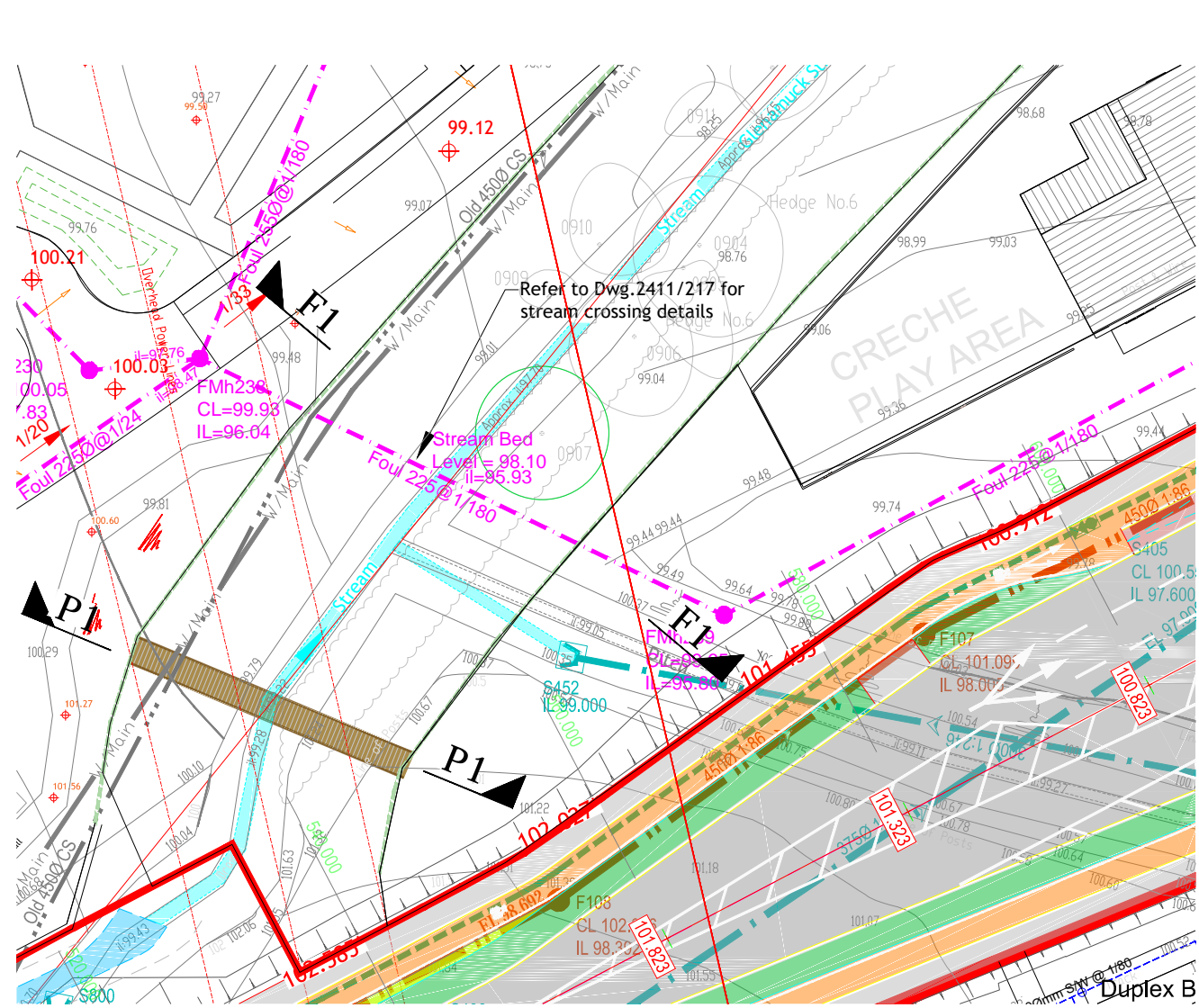
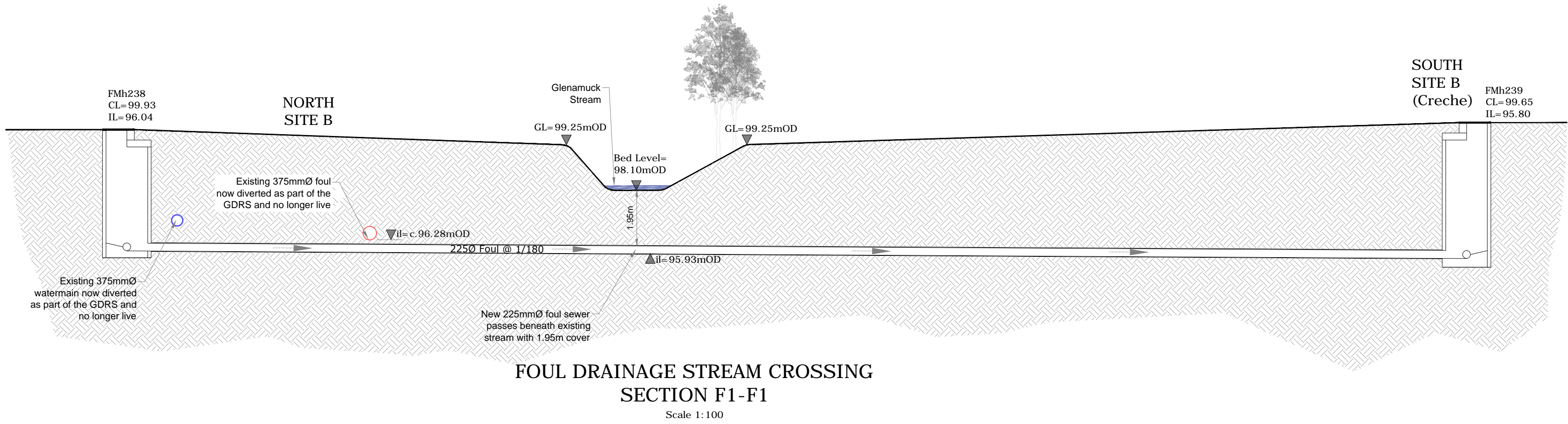
Drawing Title

ROAD DETAILS- Sheet 2

Architect

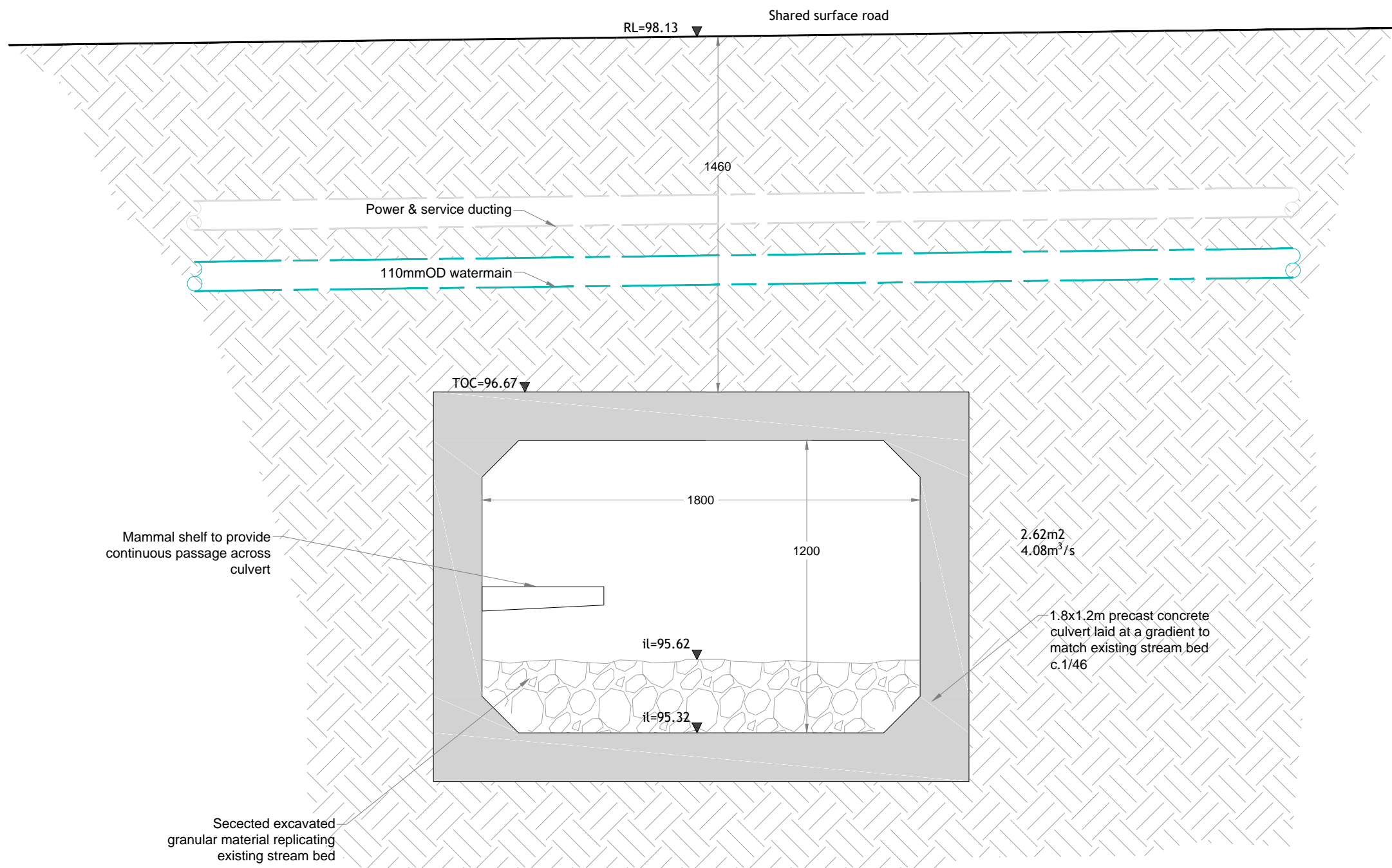
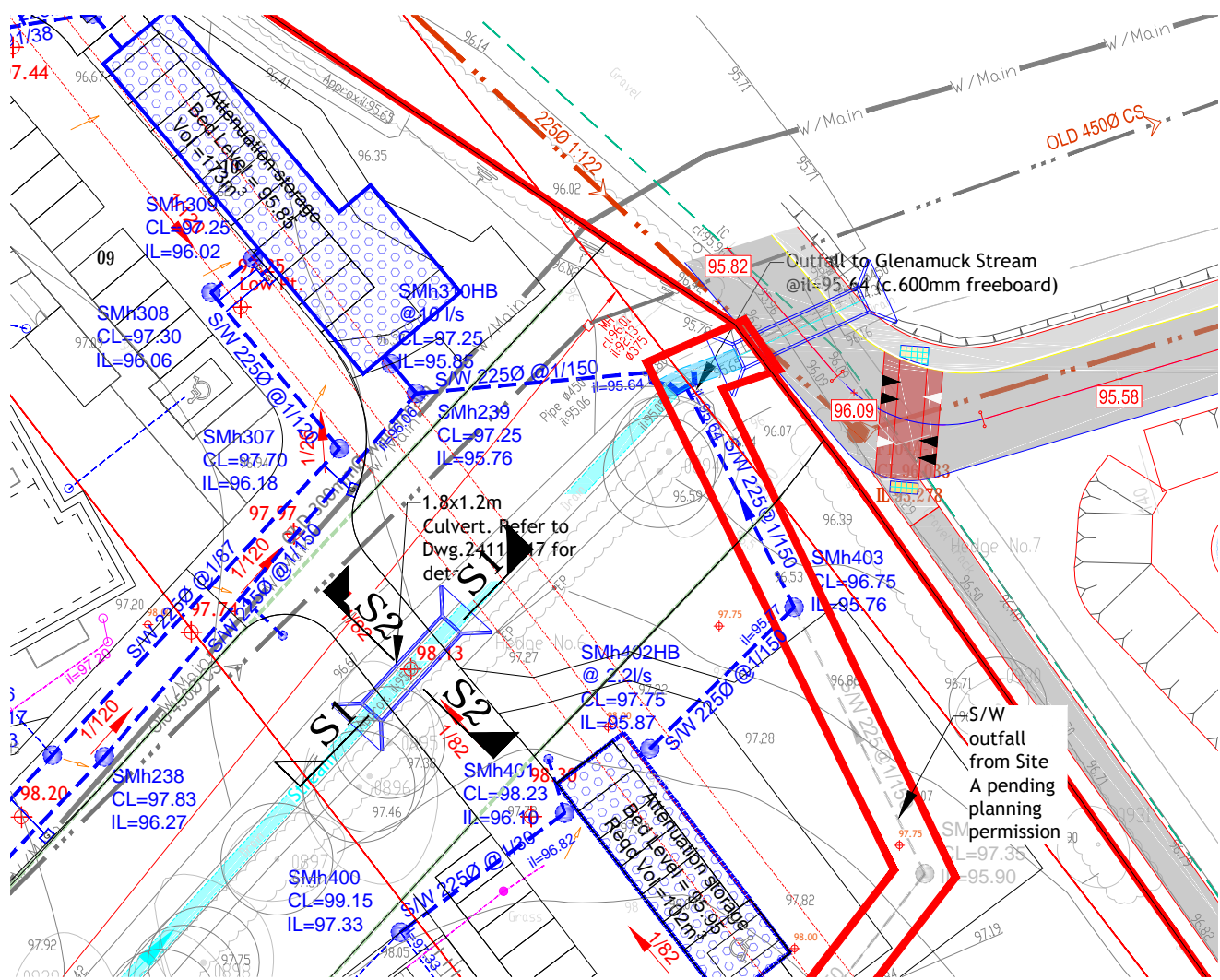
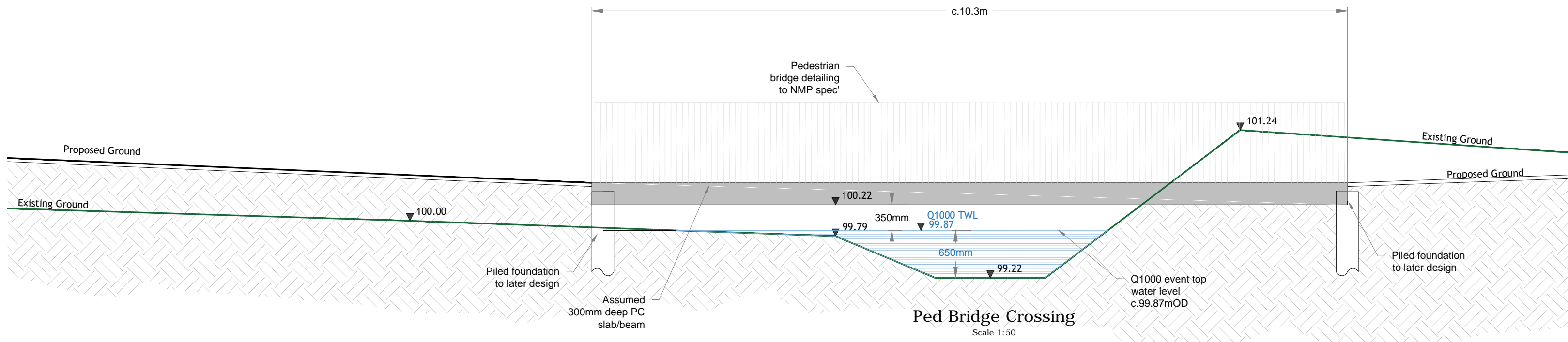
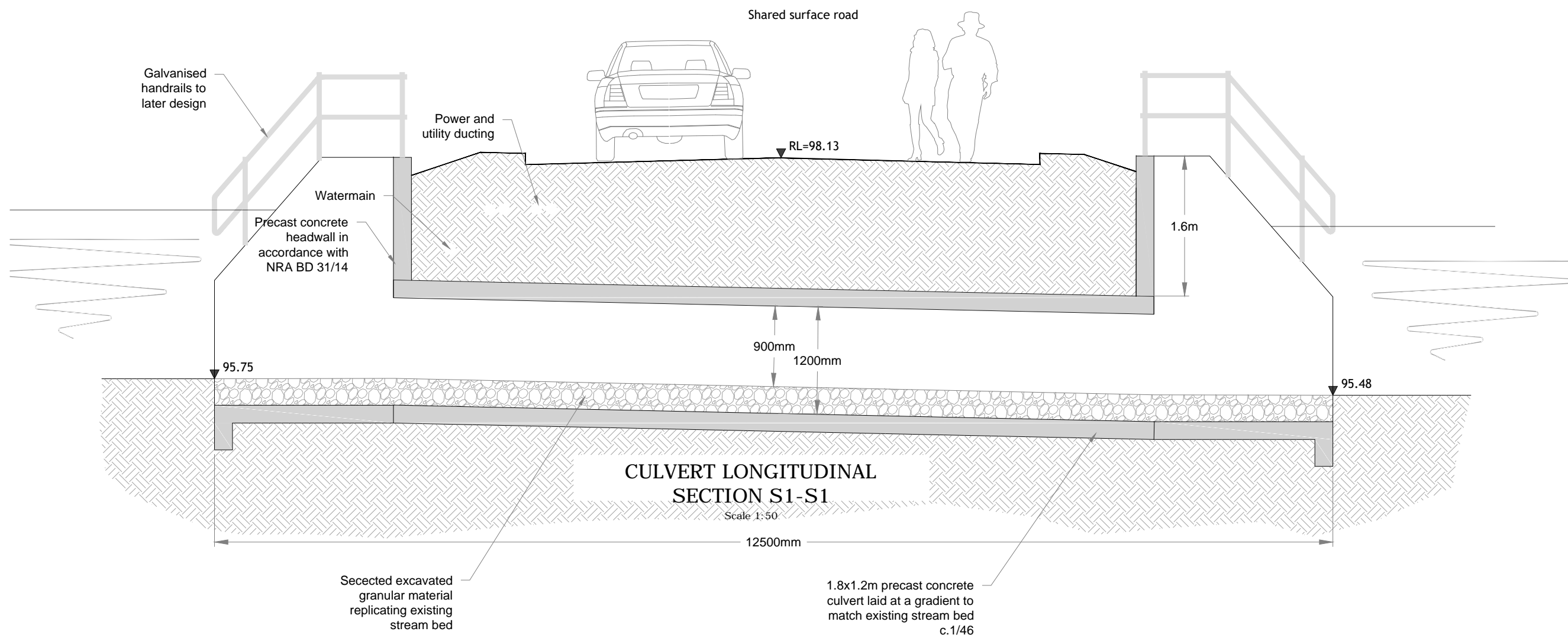
**MCCORM
Architects**

Date	Drawn By	Scales	Dwg.No.	Stage	Rev
Oct'23	RM	As Shown @ A1	2104/217	LRD Stage 3	



- 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.

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



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Project GLENAMUCK NORTH - SITE B	
Drawing Title Stream Crossing Details	
Architect MCORM	
Date May'25	Drawn By RM
Scales As Shown @ A1	Dwg.No. 2411/218
Stage LRD STAGE 3	Rev