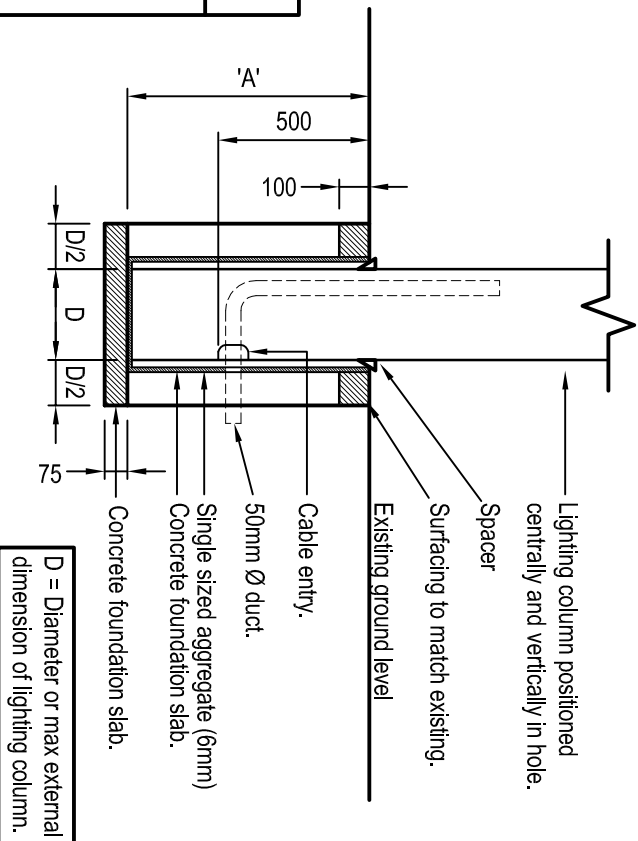
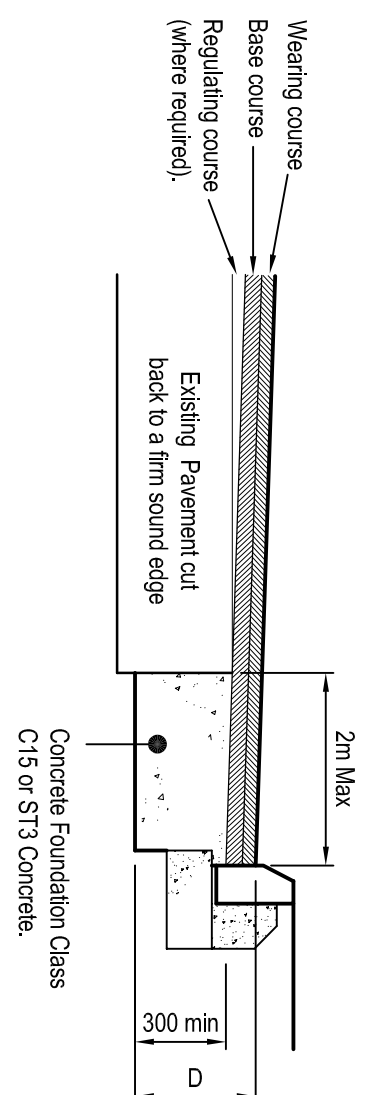
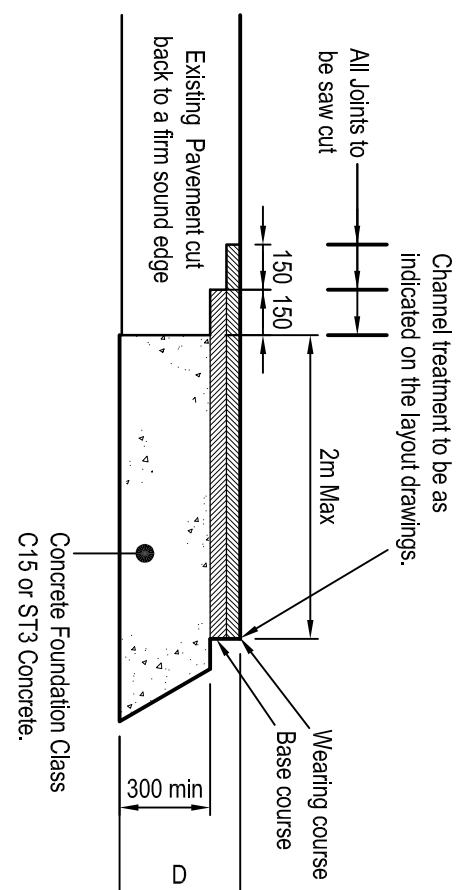


Norm. Height of Column	Planting Depth 'A' Minimum
5	800
6	1000
8	1200
10	1500
12	1700
15	2000



Typical Planted Root Lighting Column
Foundation Detail
1:25

1:25

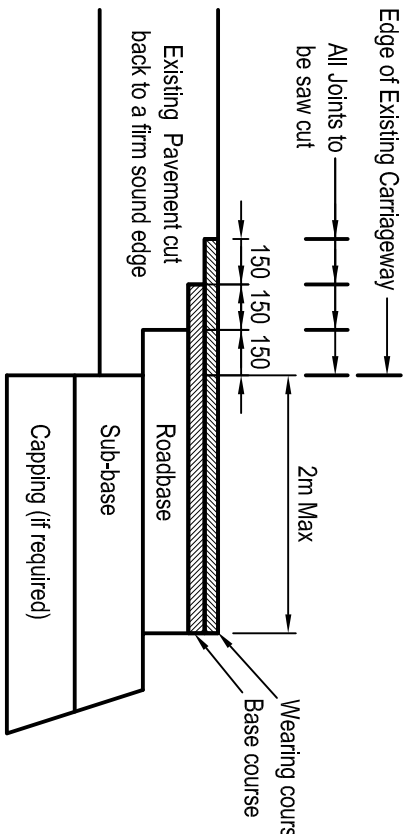


Notes

1. D is overall new pavement thickness including sub-base, minimum 200mm concrete.
2. Where widening dimension is less than 300, concrete treatment is to be extended beyond new channel line such that upper surface width of concrete is 350 minimum.
3. Kerb, bed and backing as per standard detail.
4. Wearing course material should be chosen to match as closely as possible the existing adjacent surfaces.

Details where carriageway width increased by less than 2m

1:25

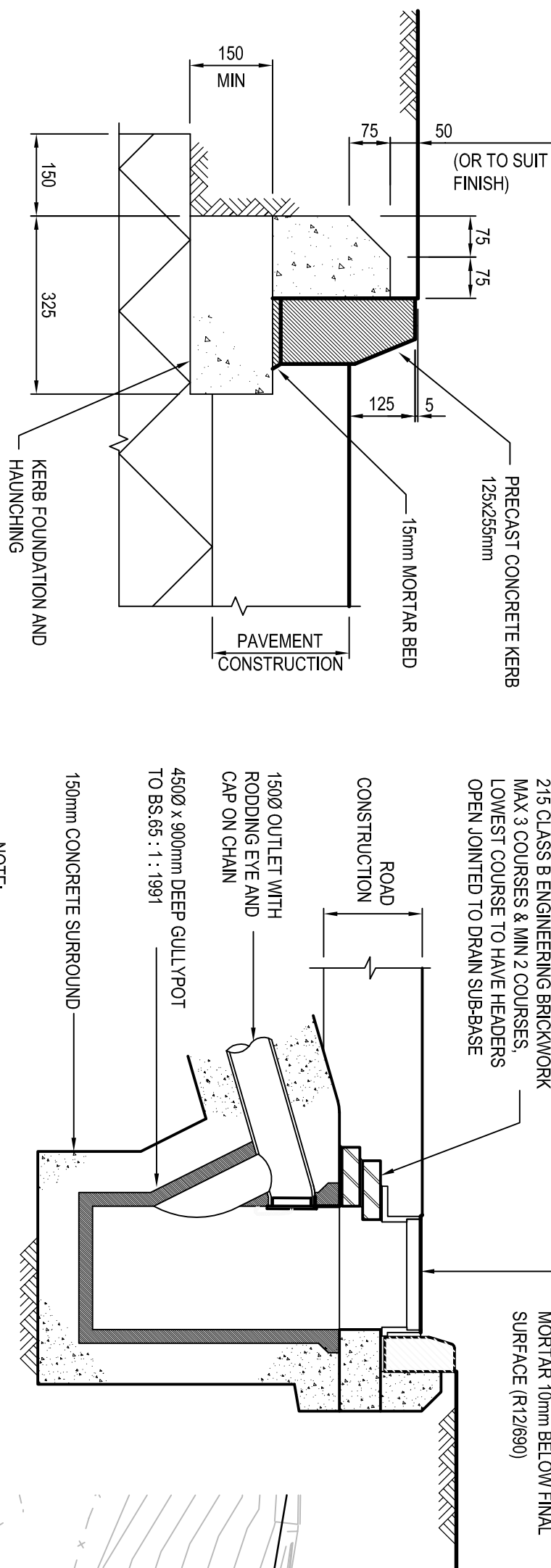


Notes

1. Wearing course material should be chosen to match as closely as possible the existing adjacent surfaces.

Details where carriageway width increased by 2m or greater
1:25

1:25

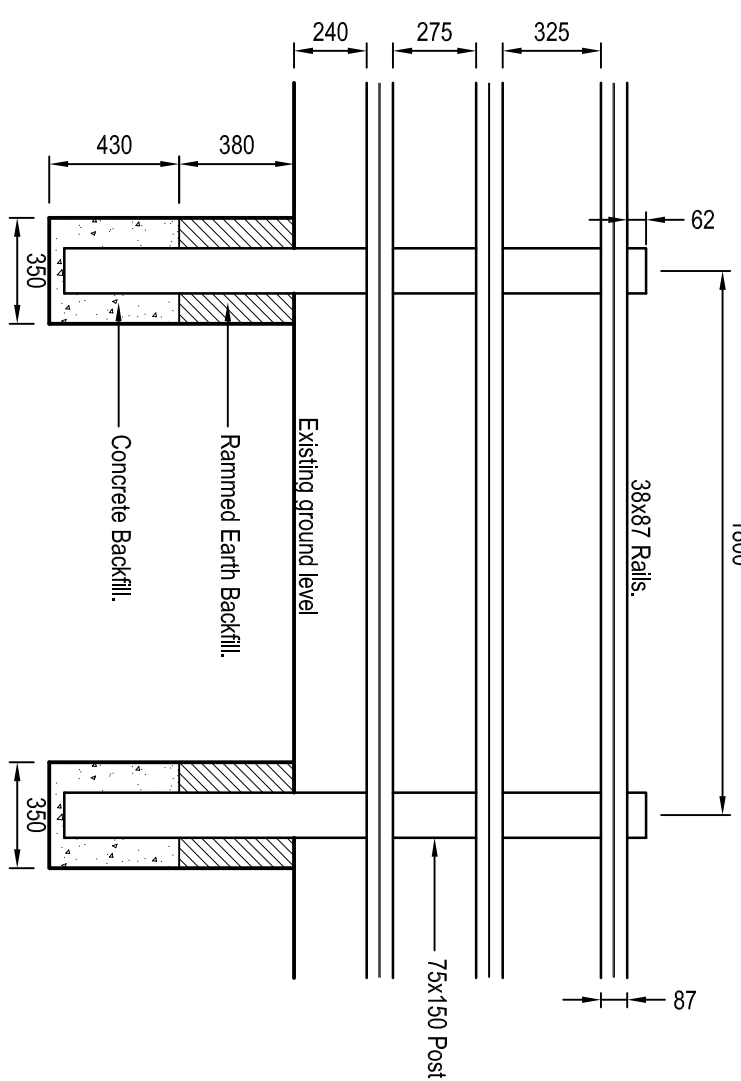


NOTE

GULLY CONNECTIONS TO STORM DRAINS TO BE MADE WITH PURPOSE MADE OBLIQUE JUNCTIONS WITH APPROPRIATE BENDS UNLESS SHOWN OTHERWISE.

Standard Kerb Installation detail (SP,
1:10

1:10

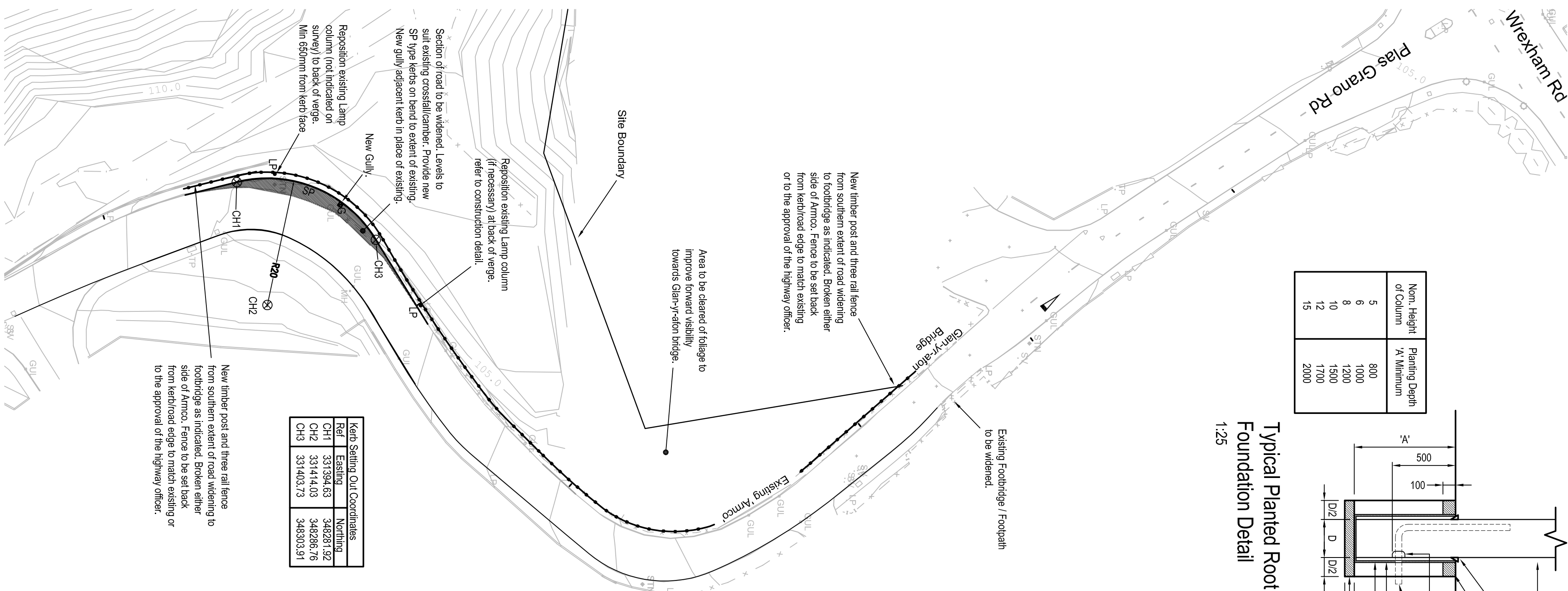


Notes

1. Concrete backfill to be mix type ST2
2. BS1722: Part 7 applies.
3. Rails to be placed on Highway side of the posts.
4. 4mm Ø fencing wire to be supplied along centre of each rail on highway side.
5. Posts to be bedded on a 50mm thickness of backfill concrete

Typical Post and Three Rail Fence Detail.

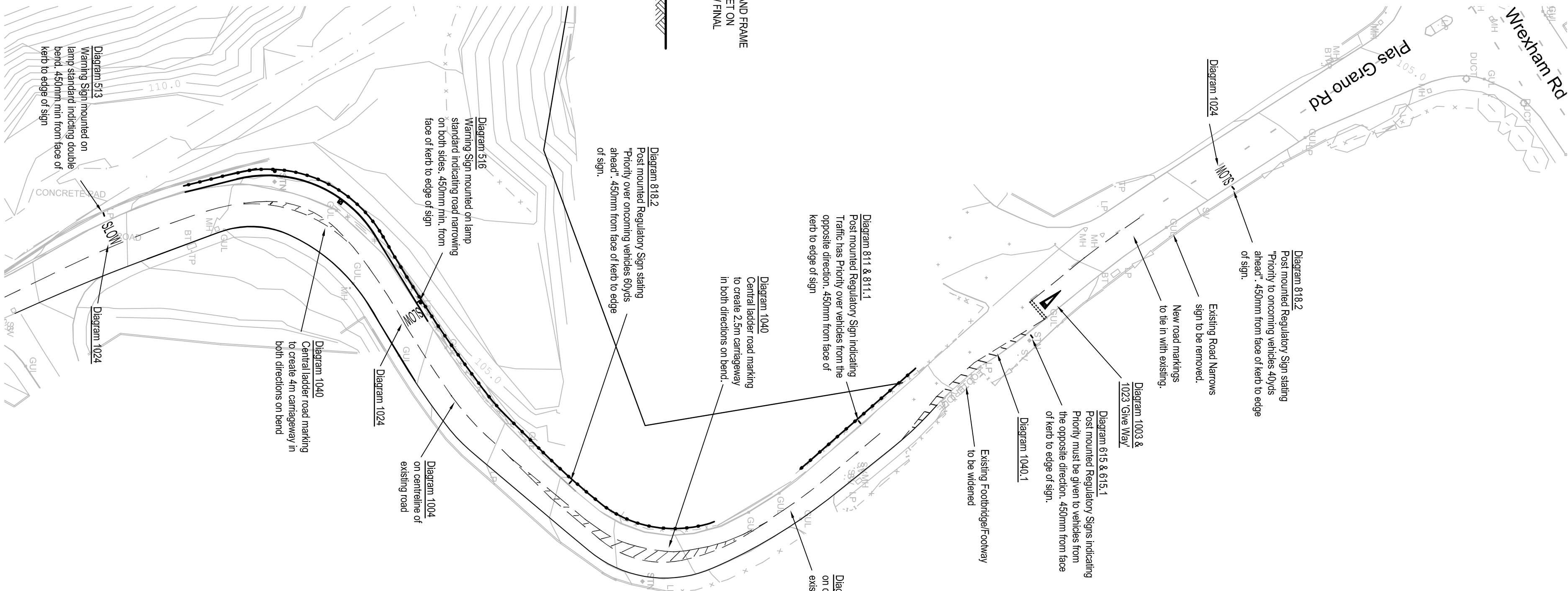
1:25



PROPOSED ROAD MODIFICATIONS LAYOUT

Scale 1:500

Kerb Setting Out Coordinates		
Ref	Easting	Northing
CH1	331334.63	348281.92
CH2	331414.03	348286.76
CH3	331403.73	348303.91



PROPOSED WHITE LINING AND SIGNAGE LAYOUT

Scale 1:500

This drawing is to be read in conjunction with all project drawings, specifications and relevant information. All dimensions are in millimetres (unless shown otherwise) and must be verified by the contractor prior to commencement. Any discrepancies are to be reported to PDC immediately. Do not scale - work to figured dimensions only. This drawing is protected by copyright and must not be used, except for the stated purpose, without written consent.

Notes

- 1) This drawing is not to be scaled.
- 2) The Contractor shall check all dimensions and levels on site.
- 3) Any surplus excavated material requiring disposal off-site should be taken to a suitably licensed landfill site.
- 4) All materials (including sub-grade) within 450mm of the finished road surface shall be non-toxic susceptible. Where the sub-grade occurs within 450mm of the finished road surface, it shall be tested for frost susceptibility. If it is found to be so, then in accordance with Clause 705 of the Specification for Highway Works, it shall be removed and replaced with suitable non-toxic susceptible material.
- 5) Capping layer (or expanded sub-base, wherever is applicable) thicknesses are to be determined from equilibrium laboratory CBR tests where the sub-grade has been exposed and weathered. In-situ testing may be carried out immediately after sub-grade is first exposed, providing that the store capping / expanded sub-base layer is then laid promptly following the testing procedure to avoid further exposure to the elements.
- 6) For design purposes a CBR value of 5% has been assumed.
- 7) All carriageway materials to be laid in while reflective thermoplastic material unless otherwise specified.
- 8) While lining and Signage references shown on this drawing are taken from the Traffic Signs Regulations and General Directions 2002.
- 9) The type of materials and precise setting out of markings and signage indicated is to be agreed on site with the Highways Engineer.
- 10) All work to be carried out in accordance with the Specification for Highway Works.

Legend

[illegible]

Revisions	Drawn	Auth	Date
bridge and minor revisions			

The Ley 356 Melrose Avenue Pedmore
 Stourbridge West Midlands DY8 2LE

t. 01384 371046
 f. 01384 440197

e. and@preance-design.co.uk

Bersham Colliery Tip
Plas Grano Rd, Rhosyllen, Wrexham.

Proposed Highway Modifications

Layouts and Details

Client	Status
Bersham Glenside Limited	Approval
Drawing no.	Revision
11-0153/201	B
Drawn	Authorized
RG	AP
Date	Scale
June 2011	As Shown