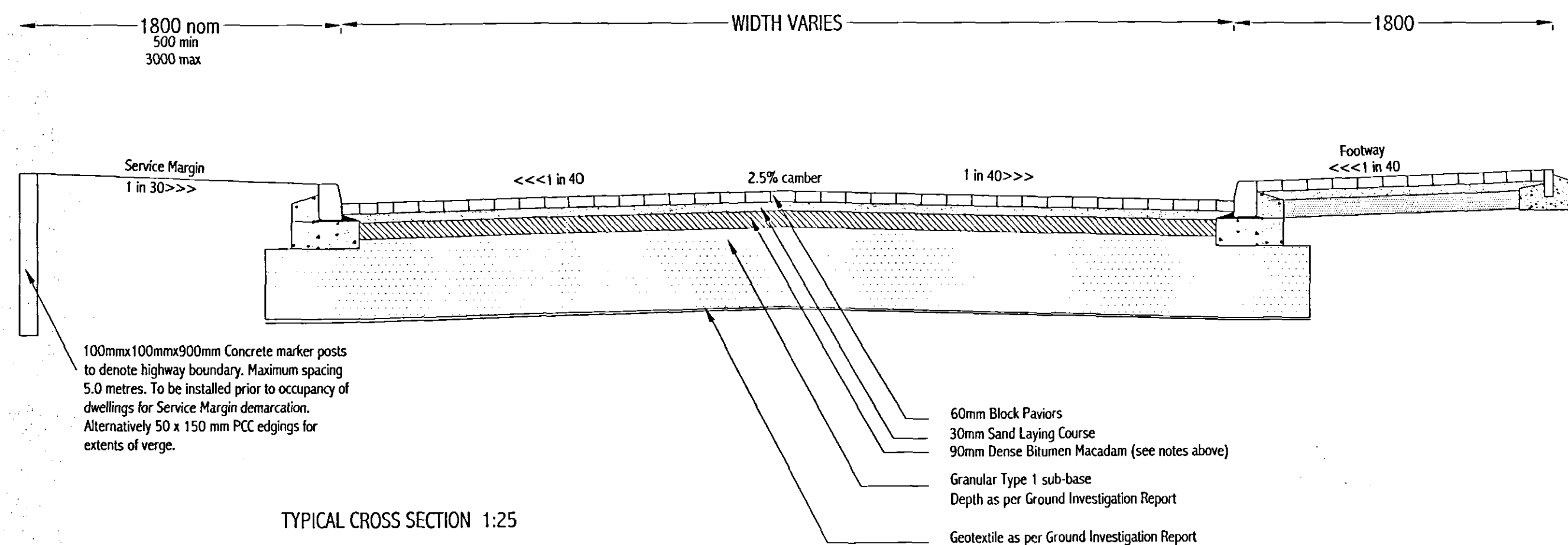
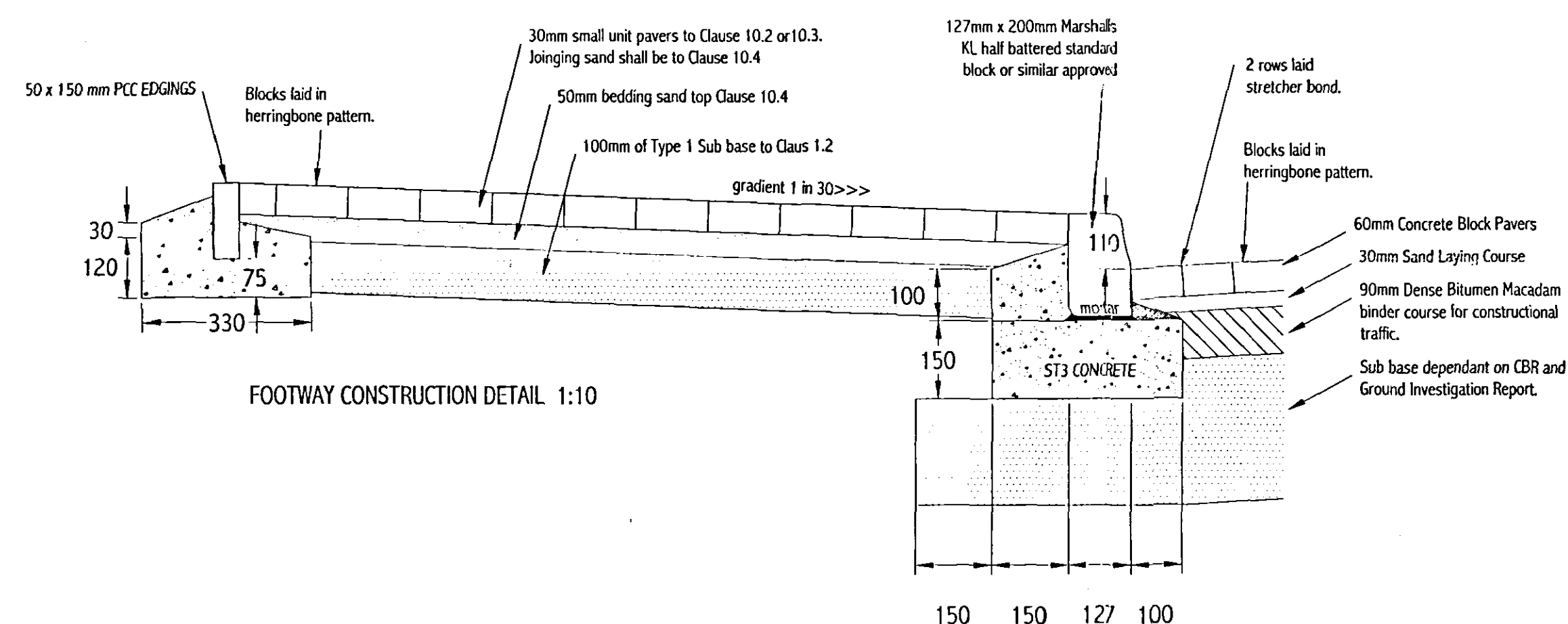
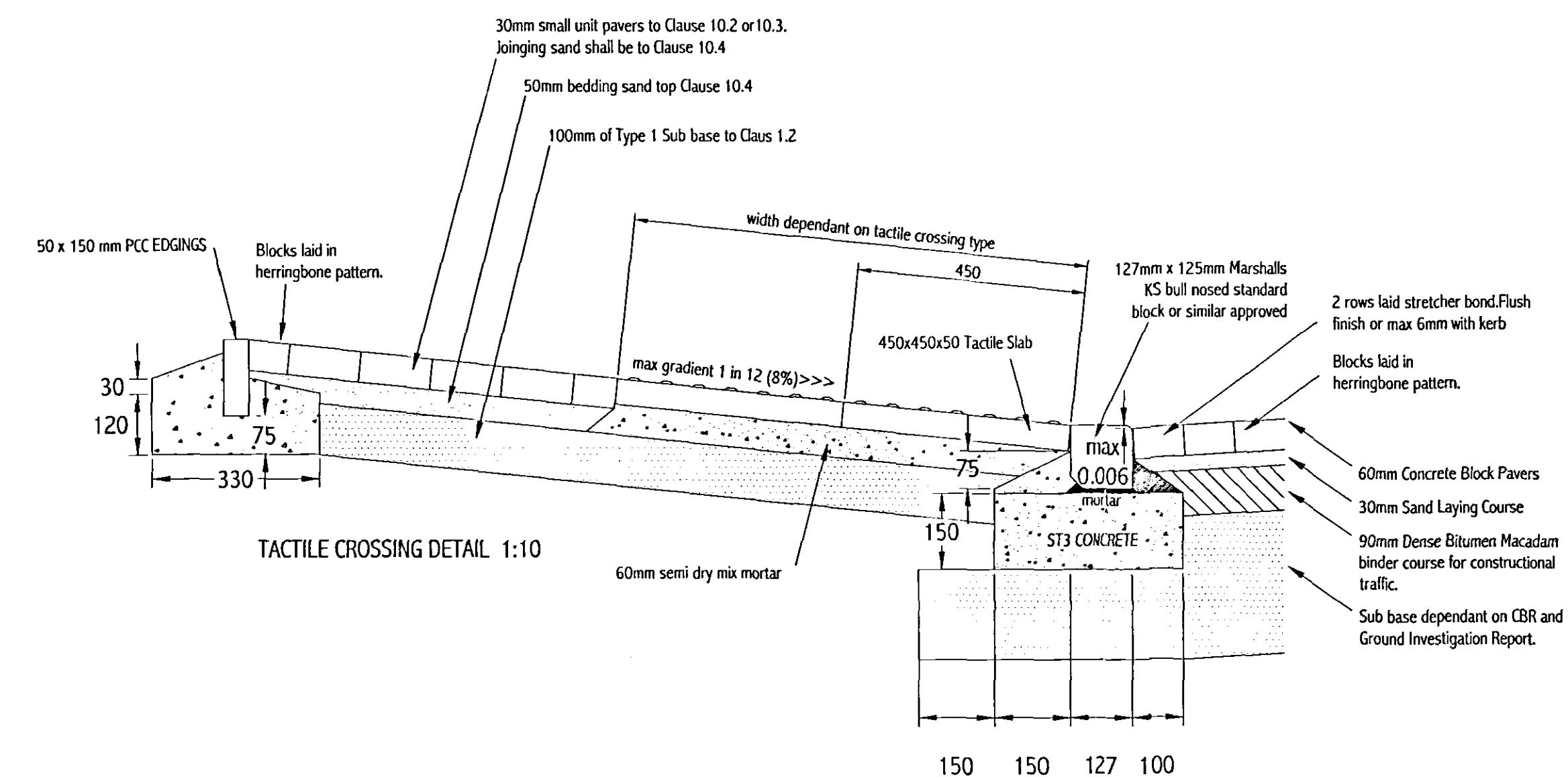
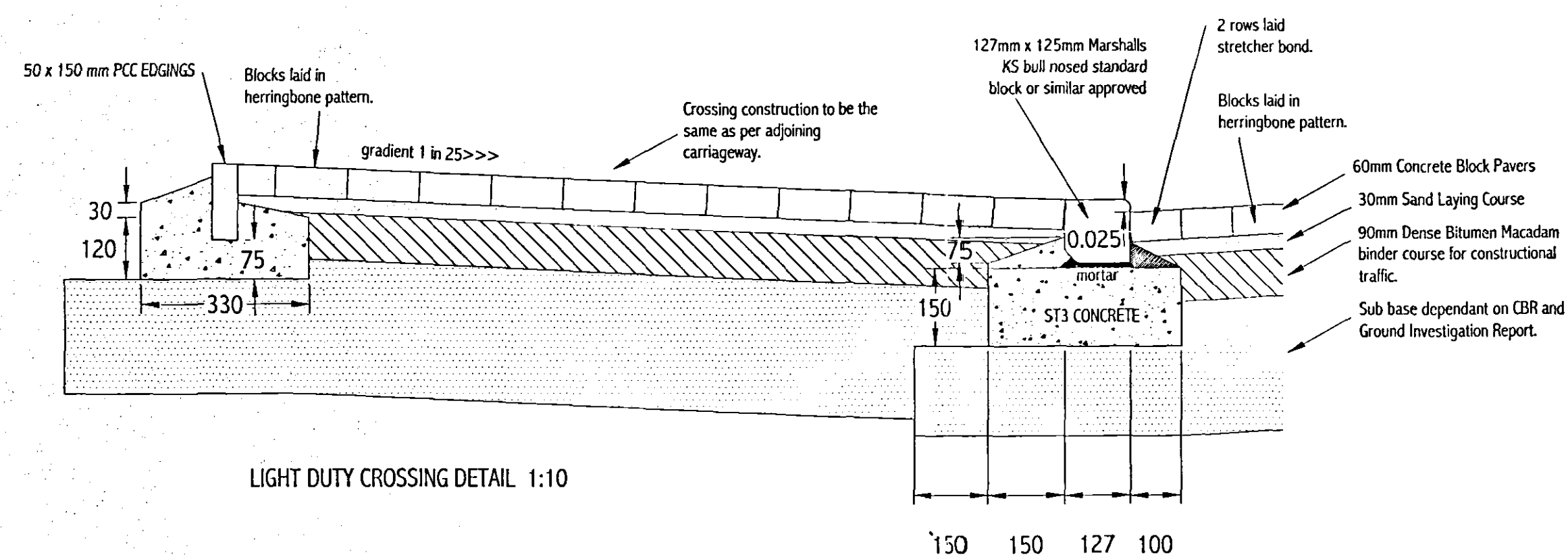
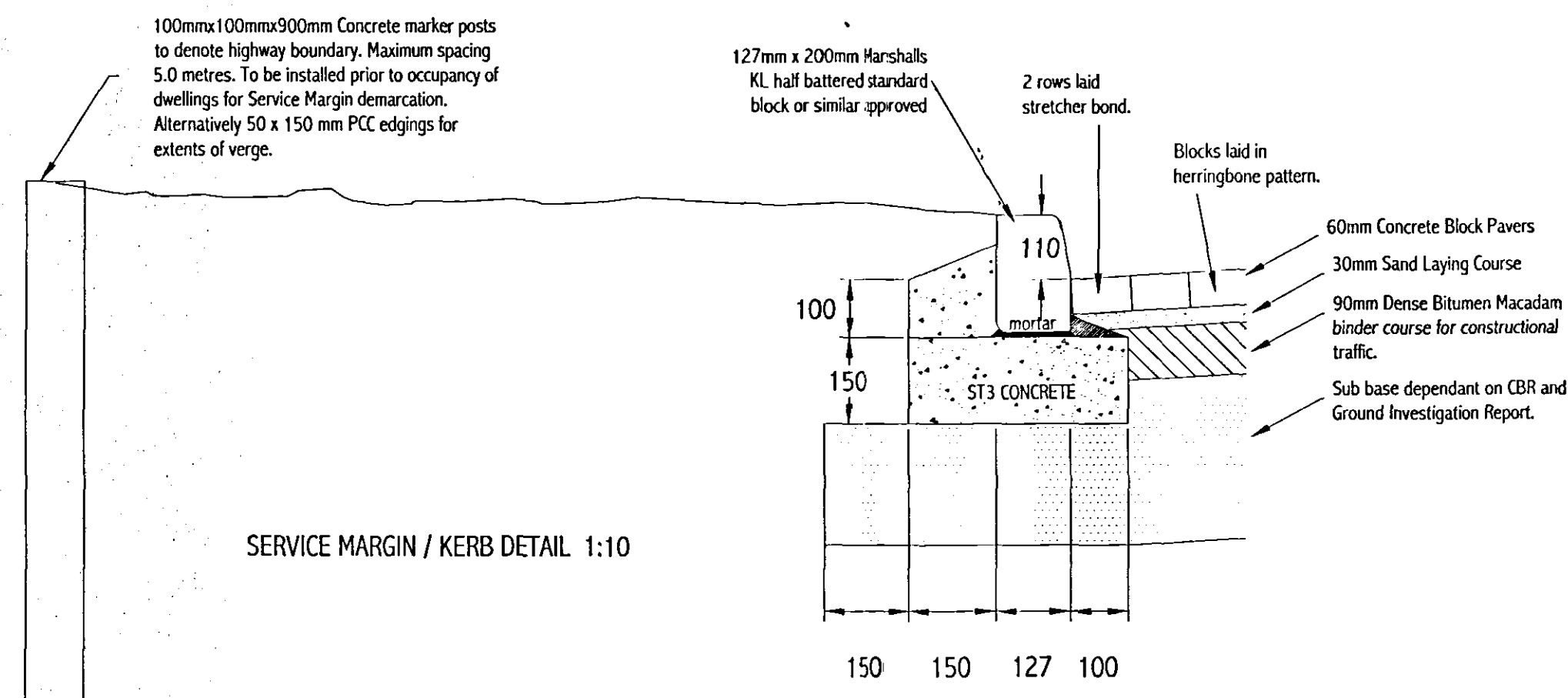


NOTE:
THE SPECIFICATION SHALL IN ALL RESPECTS BE TO THE CURRENT DEVELOPMENT ROAD LAYOUT
GUIDE AND SPECIFICATION IN FORCE IN THE COUNTY AT THE TIME OF CONSTRUCTION.



Sub-Grade mm.	Sub-base (mm)	Sub-base (mm)	Surfacing (mm)	Surfacing (mm)	Total thickness required (mm)	Total thickness reqd (mm)
Rearing Capacity (CBR)	without geotextile	with geotextile	Binder course mm.	Laying course of Black Pavlor	without geotextile	with geotextile
Below 1 % & soft Spots	Not suitable	710 mm min.	90	30 / 60	Not suitable	890 mm min.
1 %	Not suitable	640	90	30 / 60	Not suitable	620
2%	400	340	90	30 / 60	540	520
3%	310	300	90	30 / 60	490	480
4% min.	270	270 min.	90	30 / 60	450	450 min.
5% min.	270	270 min.	90	30 / 60	450	450 min.
6-15% min.	270	270 min.	90	30 / 60	450	450 min.
Above 15% min.	270	270 min.	90	30 / 60	450	450 min.

Note 1: See Clauses 1.6.6 & 1.7.

Note 2: See Clause 1.6.7. Assumes no improvement is possible using either sub-sol drainage or soil strengthening techniques. 710mm x 410mm of G5 capping layer by grade R1 to Class 6.8 and 300mm of type 1 sub-base. The thickness of type 1 sub-base to reduce to G50mm if all type 1 sub-base is used.

Note 3: For soft spots & sub-grades with a CBR of less than 1.2% the geosynthetic shall be an approved geogrid.

Note 4: See clause 1.8.

Note 5: The use of a geosynthetic with a sub-grade of this bearing capacity offers no advantage or economy.

Ref: BS7533 Guide for structural design of pavements constructed with clay or concrete block pavers.

NOTE: When the black powder construction is to be completed prior to building being commenced then the thickness of the binder course layer specified in Clause 1.7.3 (1) shall reduce to 0.25m, as per BS7533, as the binder course shall be correspondingly reduced by 10mm to maintain the 150mm total thickness.

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NOTES:

ALL IRONWORK WITHIN THE HIGHWAY SHALL CONFORM TO EN124,GRP 4 (CLASS D400). ALL GULLIES SHALL BE HINGED BUT NON- REMOVABLE AND SHALL HAVE A NOMINAL WIDTH OF 450mm WITH A MINIMUM AREA OF WATERWAY OF 900cm².

CONCRETE PAVERS TO BE LAID IN ACCORDANCE WITH
LINCOLNSHIRE COUNTY COUNCIL DEVELOPMENT ROAD
SPECIFICATION AND CONSTRUCTION 2005 AND THE
REQUIREMENTS OF BS 7533-3

PRECAST CONCRETE UNIT KERBS ARE NOT TO BE USED
AND SHOULD BE REPLACED WITH MARSHALLS KL HALF
BATTERED STANDARD BLOCK OR KS BULL NOSED
STANDARD BLOCK OR SIMILAR APPROVED AS AGREED
AND INSTRUCTED BY DEAN WHITEHEAD OF
LINCOLNSHIRE COUNTY COUNCIL 27.07.05

DO NOT SCALE. USE FIGURED DIMENSIONS ONLY.
CHECK ON SITE AND ALL DISCREPANCIES TO BE
REPORTED TO RAND DESIGN.

AMENDMENTS:

REF.	DESCRIPTION.	DATE.
A	Precast Concrete kerbs replaced with Marshalls Kerbs (10' MB & 85 RM)	28.07.05

CLIENT:
Broadgate Homes Ltd

PROJECT:

TITLE:
Lincolnshire County Council
Block Paved Constuction Minor Road and Footway Sections

SCALE:
As stated

DATE: 15 July 2005

DRAWING No:

DRAWN BY:

CHECKED BY



Rand Design
Rand, Lincolnshire, LN8 5NJ
Tel: 01673 859270 Fax: 01673 859201
enquiries@randdesign.co.uk
www.randdesign.co.uk

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