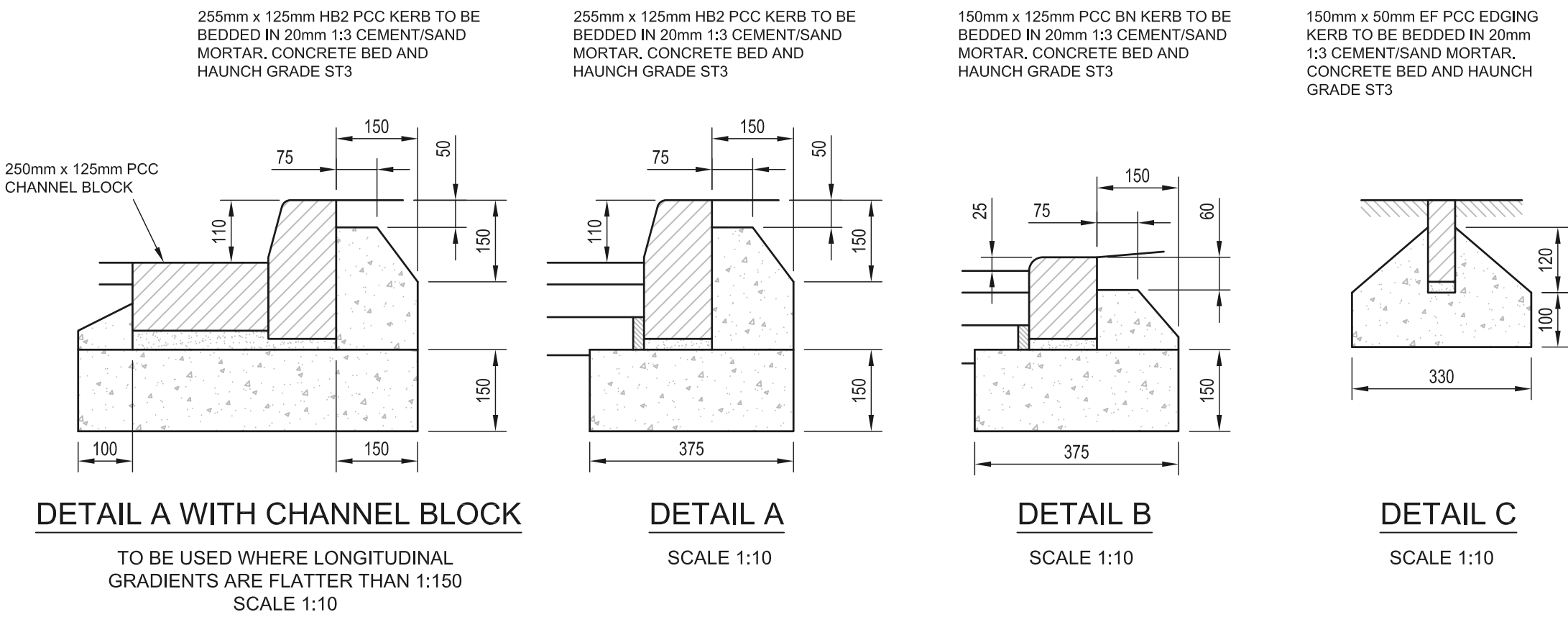
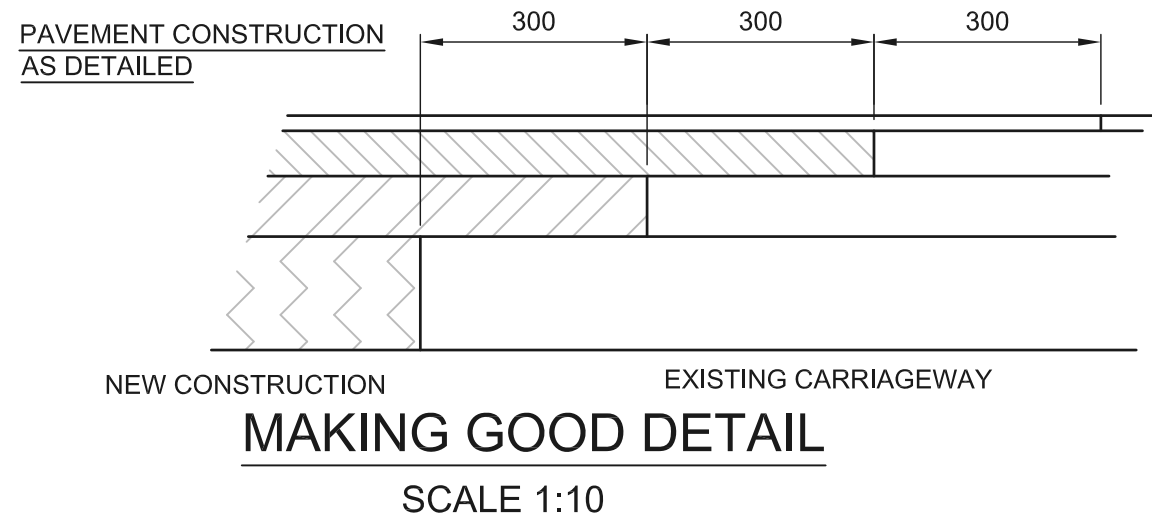
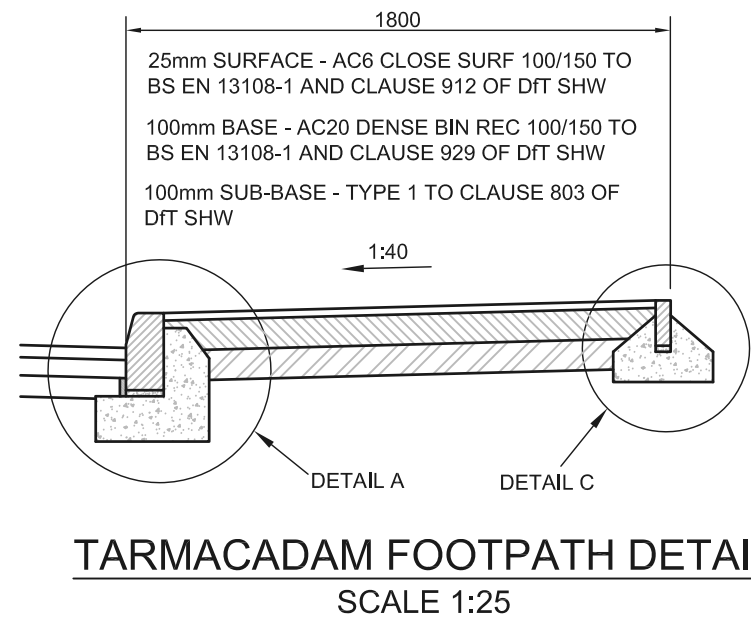
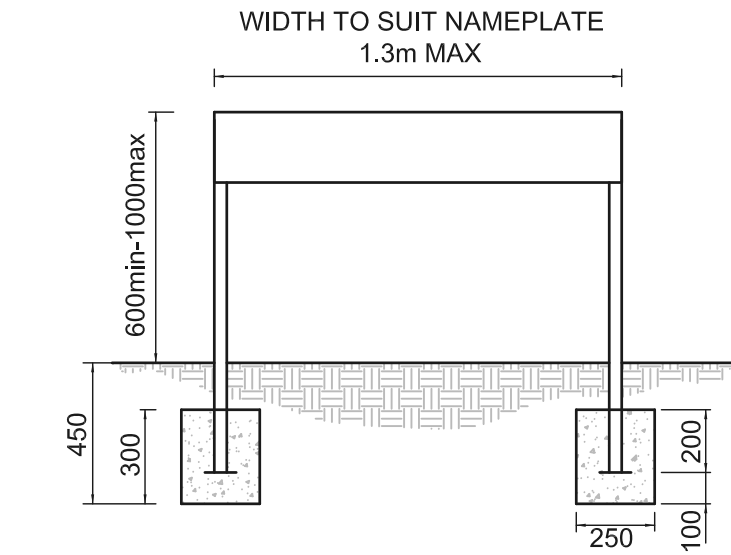
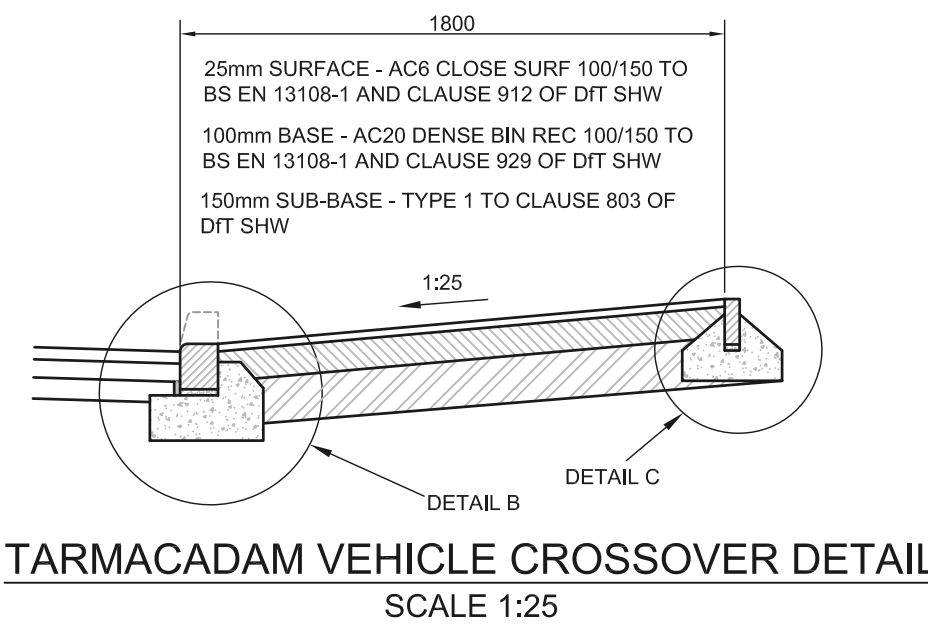
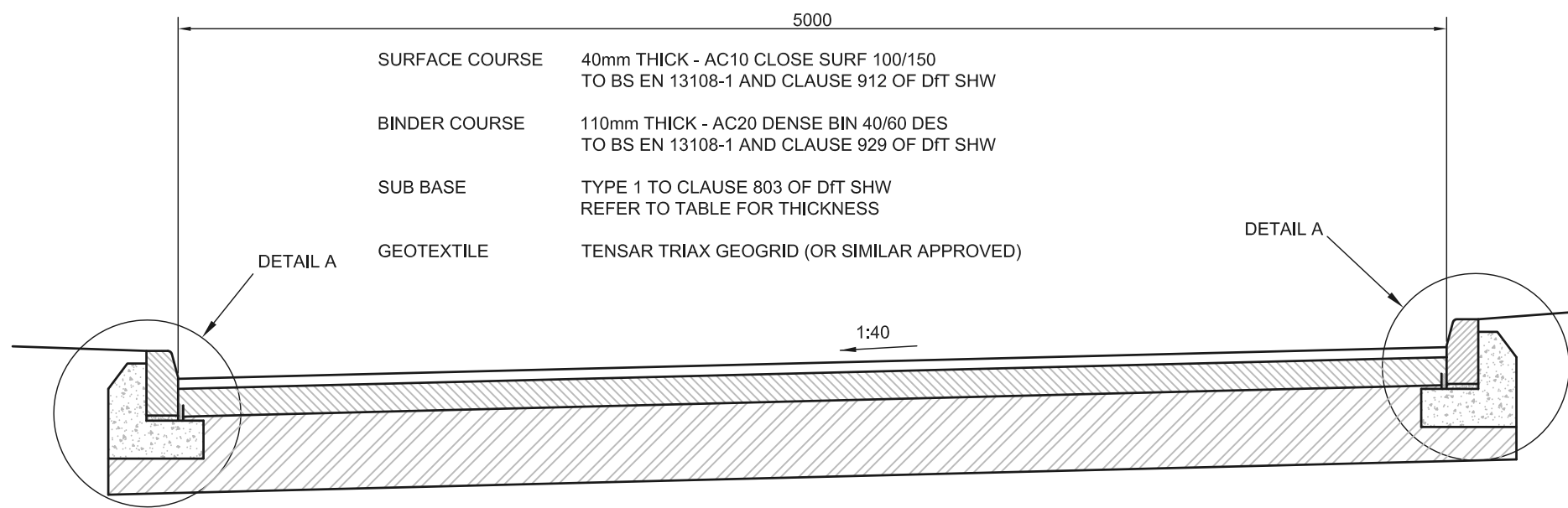




MIX ST2 INDIVIDUAL CONCRETE BASE FOR EACH POST, TO CLAUSE 2602 OF THE SPECIFICATION, THE EMBEDDED SECTION OF POST IS TO BE TREATED WITH 2 COATS OF ALKALI RESISTANT BITUMINOUS PAINT.

STREET NAME PLATE

REFER TO LAYOUT DRAWINGS FOR LOCATIONS OF STREET NAME PLATES, SOME LOCATIONS MAY REQUIRE NAMEPLATE TO BE SECURELY FIXED TO BRICKWORK OF BUILDINGS OR WALLS. FIXINGS TO BE NON-CORROSIVE, MOUNTING HEIGHT ON HOUSES OR WALLS TO BE AGREED ON SITE WITH THE HIGHWAY AUTHORITY.



CONSTRUCTION CHART 1
ROADS UP TO 0.25 m.s.a. - NORMAL FLEXIBLE CONSTRUCTION

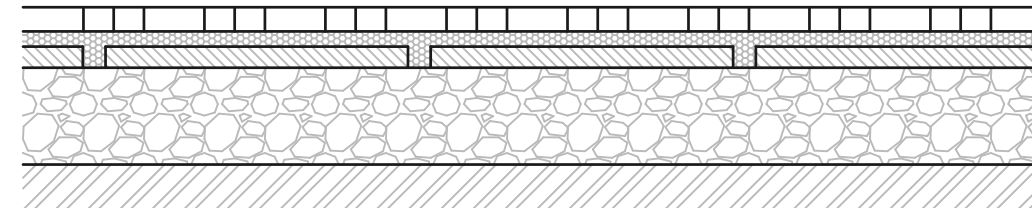
SUB-GRADE ^{NOTE 1}	SUB-BASE (mm)		SURFACING (mm)		TOTAL THICKNESS REQUIRED (mm)	
	Without geosynthetic	With geosynthetic	Binder Course	Surface Course	Without geosynthetic	With geosynthetic
Design CBR			Notes 4&5			
Below 1 1/2% & soft spots	Not suitable	710 ^{NOTE 2&3}	110		860 ^{NOTE 6}	590 ^{NOTE 6}
1 1/2%	Not suitable	440	110	40	Not suitable	490 ^{NOTE 6}
2%	400	340	110	40	550 ^{NOTE 6}	490 ^{NOTE 6}
3%	310	300	110	40	460 ^{NOTE 6}	450 ^{NOTE 6}
4% ^{NOTE 7}	300	300 ^{NOTE 7}	110	40	450 ^{NOTE 6}	450 ^{NOTE 6 & 7}
5% ^{NOTE 7}	300	300 ^{NOTE 7}	110	40	450 ^{NOTE 6}	450 ^{NOTE 6 & 7}
6-15% ^{NOTE 7}	300	300 ^{NOTE 7}	110	40	450 ^{NOTE 6}	450 ^{NOTE 6 & 7}
Above 15% ^{NOTE 7}	300	300 ^{NOTE 7}	110	40	450 ^{NOTE 6}	450 ^{NOTE 6 & 7}

Note 1 See Clauses 1.1.6, 1.1.7 and 1.1.8
Note 2 See Clause 1.1.6 - Assumes no improvement is possible using either sub-soil drainage or soil strengthening technique. 710mm is 410mm of 6F5 Capping Layer Granular Fill to clause 6.8 and 300mm of Type 1 sub-base. The thickness of 710mm can be reduced to 620mm if all Type 1 sub-base is used.
Note 3 For soft spots and sub-grades with a CBR of less than 1 1/2% the geosynthetic shall be an approved geogrid.
Note 4 May be laid in one layer.
Note 5 Initial Binder Course layer thickness 70mm if the alternative kerbing installation method (two stage construction - kerbing to be laid at a later stage) is used. Total Binder Course thickness becomes 130mm in these circumstances. See Clause 1.1.17.
Note 6 Total thickness to be increased by 20mm above these values if the alternative kerbing installation method is used.
See Clause 1.1.17.
Note 7 The use of a geosynthetic with a sub-grade with this bearing capacity offers no advantage or economy.

CBR SUBGRADE %	1%	2%	3%	4%	5%+
80mm PRIORA BLOCKS	80	80	80	80	80
LAYING COURSE 6mm WASHED (mm)	50	50	50	50	50
DBM LAYER - 50open (mm)	70	70	70	70	70
OPEN GRADED CRUSHED ROCK OGCR (mm)	450	325	275	250	150
TOTAL CONSTRUCTION DEPTH (mm)	650	525	475	450	350

75mm DRAINAGE HOLES AT 2000 CENTRES TO BE PUNCHED THROUGH THE DBM LAYER AND FILLED WITH WASHED 6mm AGGREGATE

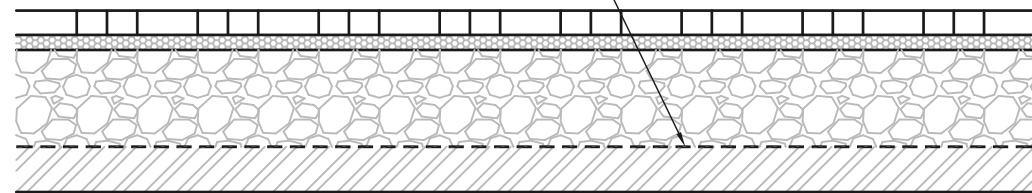
MINIMUM CONSTRUCTION DEPTH IN FROST SUSCEPTIBLE SOILS TO BE 450mm



**POROUS PAVED DETAIL
FOR USE IN AREAS
TRAFFICKED BY HGVs**
SCALE 1:25

CBR SUBGRADE %	< 4%	5%+
80mm PRIORA BLOCKS	80	80
LAYING COURSE 6mm WASHED (mm)	50	50
OPEN GRADED CRUSHED ROCK OGCR (mm)	250	150
TOTAL CONSTRUCTION DEPTH (mm)	380	280

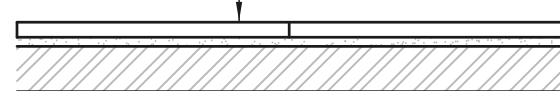
MINIMUM CONSTRUCTION DEPTH IN FROST SUSCEPTIBLE SOILS TO BE 450mm
LAYER OF TENSAR TRIAX GEOGRID TO BE USED IN CARPARK AISLES OR WHERE CBR < 4%



**POROUS PAVED DETAIL
FOR USE IN AREAS TRAFFICKED
BY LIGHT VEHICLES**
SCALE 1:25

50mm (600x600) CONCRETE PAVING SLABS LAID IN STAGGERED FORMATION ON 30mm OF SHARP SAND (MAX 3% SILT AND CLAY BY WEIGHT NOT MORE THAN 10% RETAINED ON 5mm SIEVE)

100mm TYPE 1 GRANULAR MATERIAL



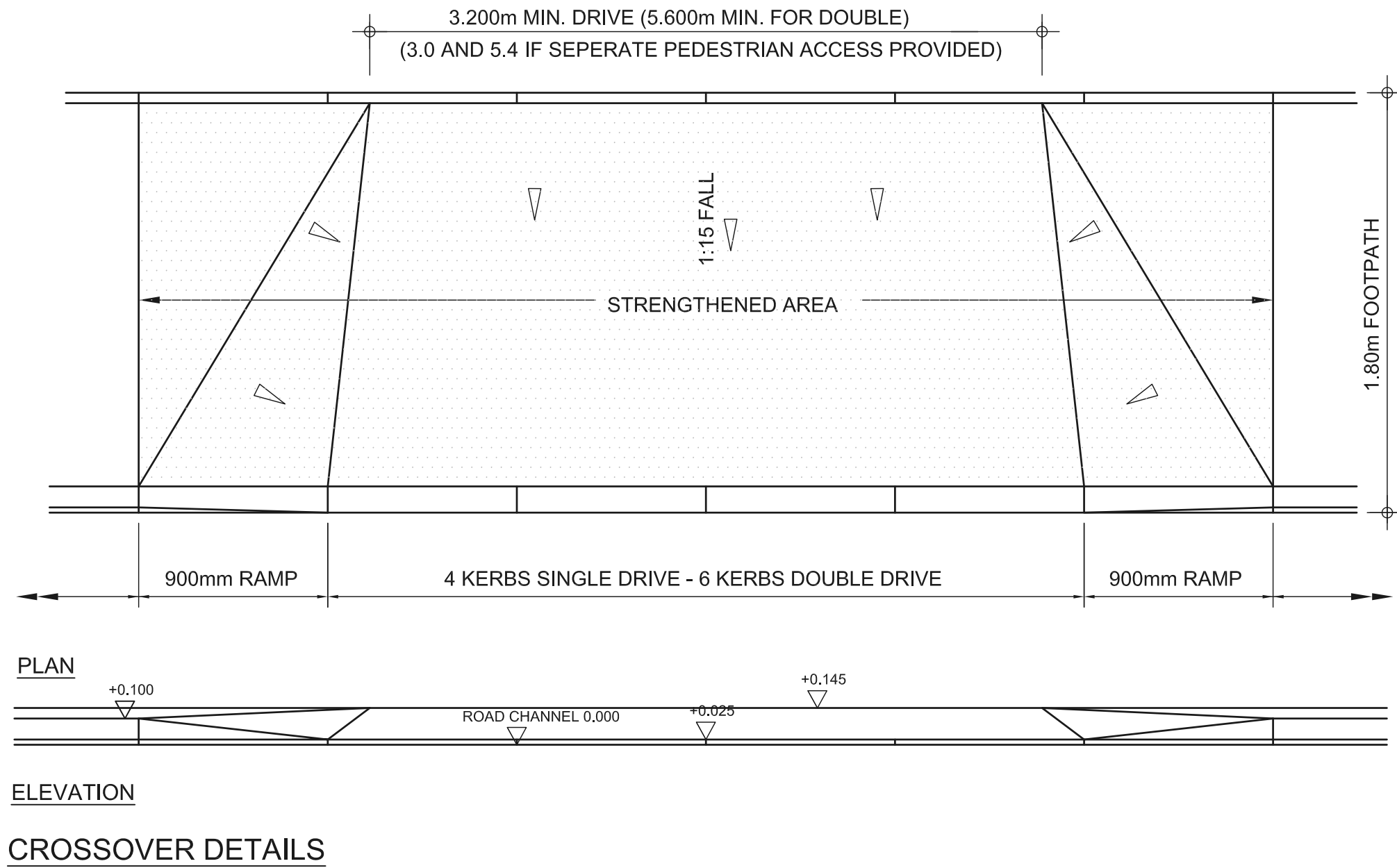
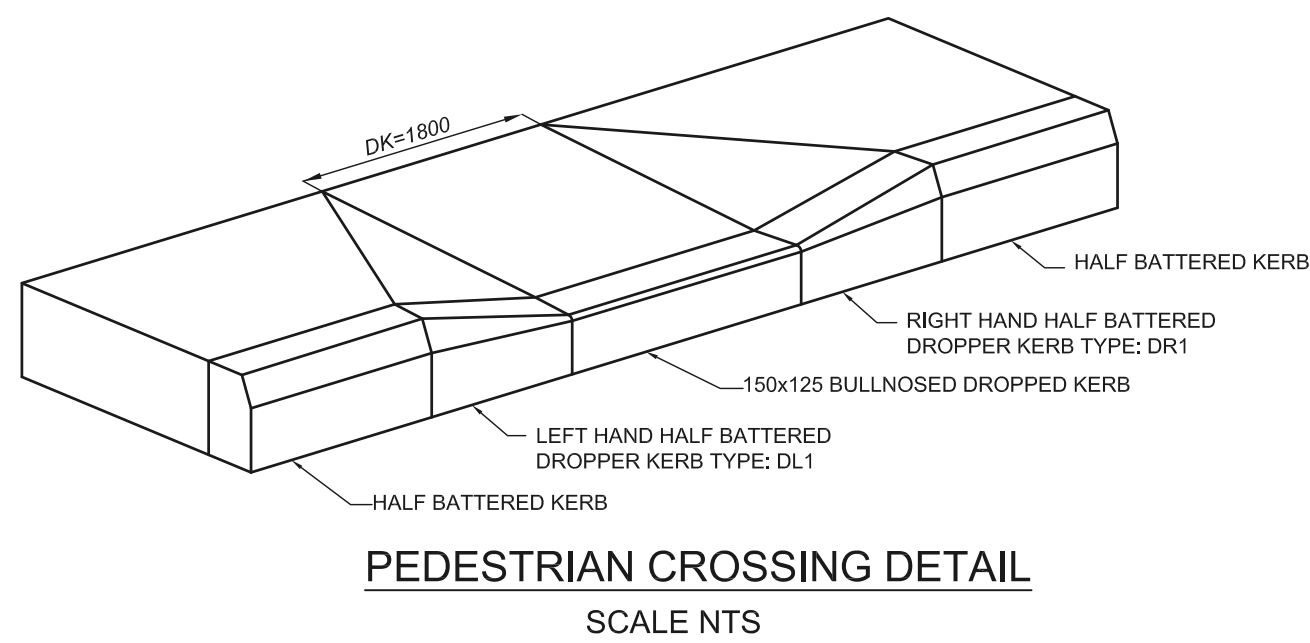
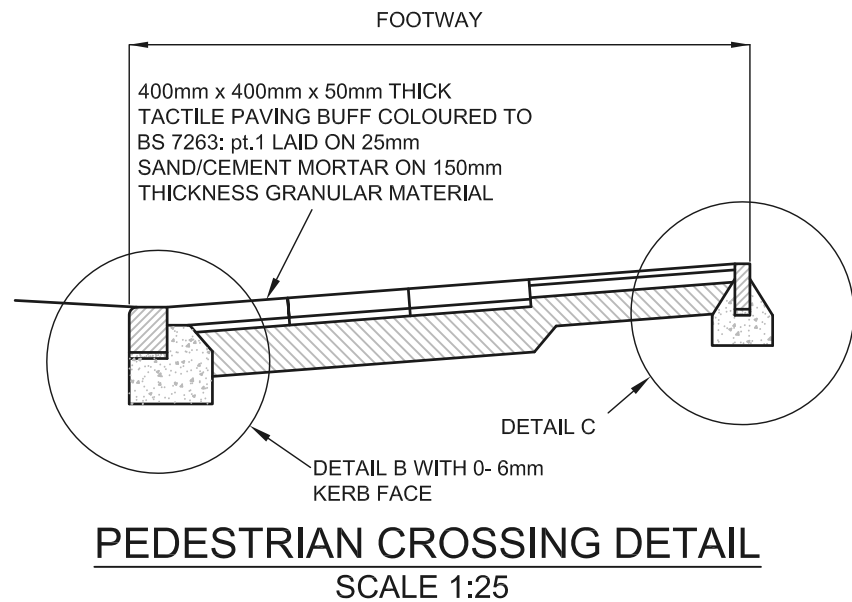
PRIVATE FLAGGED PATH CROSS-SECTION
SCALE 1:25

NOTES
CONTRACTORS MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK ON SHOP DRAWINGS

DO NOT SCALE FROM THIS DRAWING

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- NOTES.
- "THE SPECIFICATION IN ALL RESPECTS SHALL BE IN ACCORDANCE WITH THE CURRENT LINCOLNSHIRE DESIGN GUIDE FOR RESIDENTIAL AREAS" AND "DEVELOPMENT ROAD SPECIFICATION AND CONSTRUCTION" PUBLICATIONS IN FORCE IN THE COUNTY AT THE TIME OF CONSTRUCTION.
 - ALL COMPONENTS AND MATERIALS ARE TO BE MANUFACTURED AND SUPPLIED IN ACCORDANCE WITH THE RELEVANT BRITISH STANDARDS, AND LAID AND BACKFILLED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS AND THE RELEVANT BRITISH STANDARDS.
 - THE CONTRACTOR SHALL, BEFORE COMMENCING THE WORKS, VERIFY ALL SITE AND SETTING OUT DIMENSIONS, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE TRUE AND PROPER SETTING OUT OF THE WORKS AND FOR THE CORRECTNESS OF THE POSITION, LEVELS, DIMENSIONS, AND ALIGNMENT OF ALL PARTS OF THE WORKS.
 - THE CONTRACTOR IS TO PROVIDE AS-BUILT COVER AND INVERT LEVELS OF MANHOLES WITHIN THE ADOPTED/ADOPTABLE HIGHWAY
 - FOR LANDSCAPING SURFACE MATERIAL FINISHES REFER TO ARCHITECT'S CURRENT WORKING DRAWINGS.



A	FOR APPROVAL	21.03.15	RAC
REV	AMENDMENT	DATE	CHKD

DRAWING STATUS

FOR APPROVAL

RCD

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23 HASTINGS ROAD ROAD, MAIDSTONE, KENT, ME15 7SH
MOBILE: 07702 052 137
EMAIL: ray@rcd-uk.com

CLIENT
RELIANT BUILDING CONTRACTORS LTD

PROJECT
PROPOSED RESIDENTIAL DEVELOPMENT
KINGS ROAD
SPALDING

DRAWING TITLE
EXTERNAL WORKS
CONSTRUCTION DETAILS

CIVILS

SCALE AS SHOWN AT A1	DRAWN BY RAC	CHECKED MGC	DATE MAR 2015
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DRAWING NUMBER 1151-1004-CIV-30	REVISION A
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