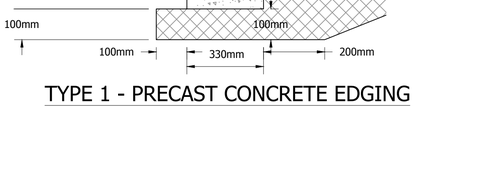
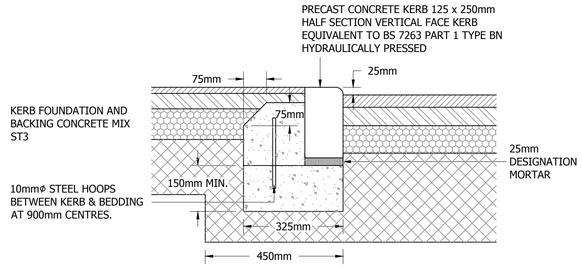


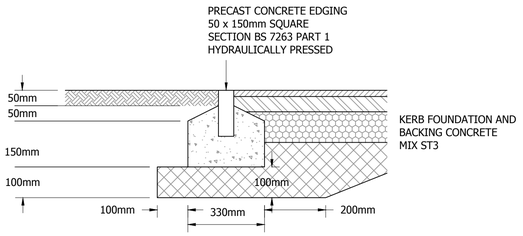
CARRIAGEWAY TIE-IN
NEW TO EXISTING AT EXISTING LEVEL



BITUMINOUS FOOTPATH DETAIL (NTS)



BULLNOSED KERB (25mm UPSTAND)



TYPE 1 - PRECAST CONCRETE EDGING

CONSTRUCTION CHART 1 - NON PERVIOUS

ROADS UP TO 0.25 msa. - NORMAL FLEXIBLE CONSTRUCTION

SUB-GRADE	SUB-BASE (mm)		SURFACING (mm)		TOTAL THICKNESS REQUIRED (mm)	
Design CBR	Without Geotextile	With Geotextile	Binder Course Notes 4 and 5	Surface Course	Without Geotextile	With Geotextile
Below 1.5% and soft spots	Not suitable	710 Notes 2 and 3	110	40	Not suitable	860 Notes 2, 3 and 6
1.5%	Not suitable	440	110	40	Not suitable	590 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%	300	300 Note 7	110	40	450 Note 6	450 Notes 6 and 7
5%	300	300 Note 7	110	40	450 Note 6	450 Notes 6 and 7
6-15%	300	300 Note 7	110	40	450 Note 6	450 Notes 6 and 7
Above 15%	300	300 Note 7	110	40	450 Note 6	450 Notes 6 and 7

Note 1 See Clauses 1.1.6, 1.1.7 and 1.1.8 in LCC Development Road and Sustainable Drainage Specification and Construction March 2017 Edition.

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 1½% the geofabric shall be laid with an approved geogrid or shall be an approved geocomposite. Approved specialist design can be used with the agreement of the Authority.

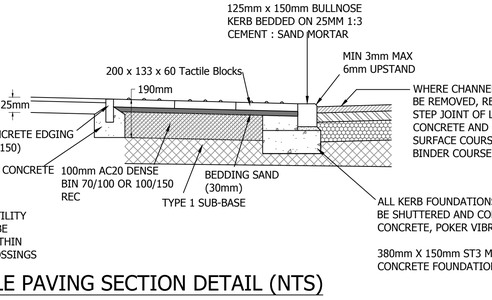
Note 4 May be laid in one layer.

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.

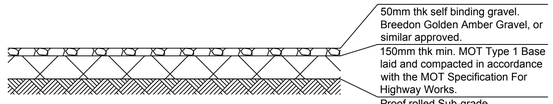
Note 6 Total thickness to be increased by 20mm above these values if the alternative kerbing installation method is used.

See Clause 1.1.17. in LCC DEVELOPMENT ROAD and SUSTAINABLE DRAINAGE SPECIFICATION and CONSTRUCTION March 2017 Edition.

Note 7 The use of a geosynthetic with a sub-grade with this bearing capacity offers no advantage or economy.

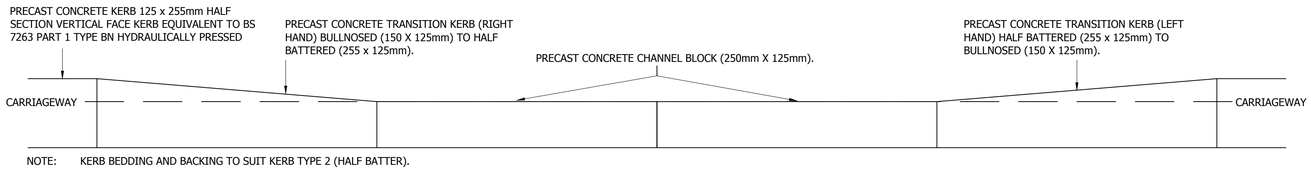


TACTILE PAVING SECTION DETAIL (NTS)



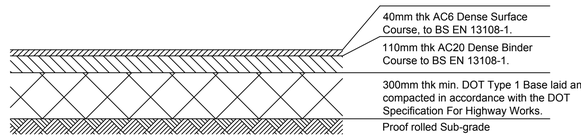
Self Binding Gravel Construction Detail - NTS

Note:
This detail to be read in accordance with the Department of Transport's Specification for Highway Works.



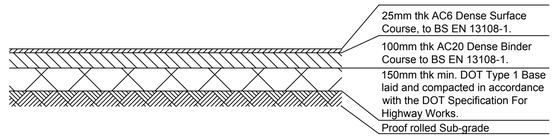
NOTE: KERB BEDDING AND BACKING TO SUIT KERB TYPE 2 (HALF BATTER).

DROPPED CROSSING (WITH THE USE OF TRANSITION KERBS) ELEVATION



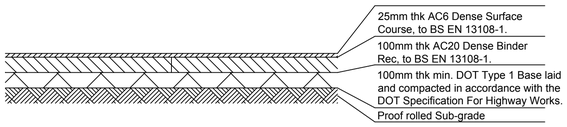
Carriageway Construction Detail - NTS

Note:
This detail to be read in accordance with the Department of Transport's Specification for Highway Works.



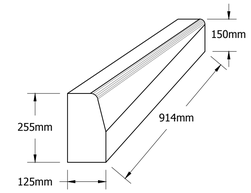
Vehicular Crossing - NTS

Note:
This detail to be read in accordance with the Department of Transport's Specification for Highway Works.

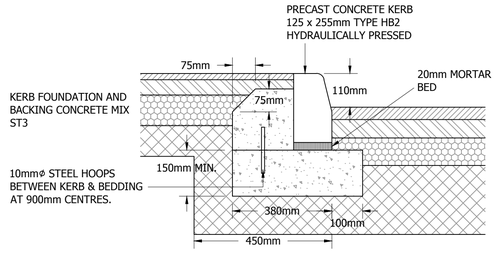


New Footway Construction Detail (Pedestrians Only) - NTS

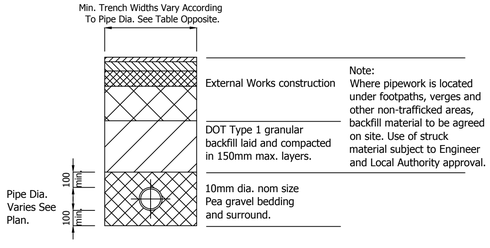
Note:
This detail to be read in accordance with the Department of Transport's Specification for Highway Works.



TRANSITION KERB UNIT 3D DETAIL



KERB TYPE 2 (HALF BATTER)



Note:
Where pipework is located under footpaths, verges and other non-trafficked areas, backfill material to be agreed on site. Use of struck material subject to Engineer and Local Authority approval.

Pipe Bedding Detail Type S
SCALE 1:20

Note:
Applicable where pipework has more than 1200mm cover under trafficked areas or more than 600mm under non-trafficked areas.

Trench Widths:	
Pipe Dia. (mm)	Min. Trench Width (mm)
100	550
150	600
225	700
300	750
375	1050
450	1150
525	1200
600	1350
675	1450
750	1500
825	1600
900	1900
975	2000
1050	2300
1200	2300
Over 1200	Pipe Dia. + 1000

Note:
No Mechanical compaction techniques to be used within 300mm of the crown of all pipework.

See Structural Engineers details for pipework laid under buildings / through foundations etc.

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2. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT DRAWINGS RELATING TO THIS PROJECT.
4. ALL DIMENSIONS SHOULD BE CHECKED ON SITE PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHOULD BE IMMEDIATELY NOTIFIED IN WRITING TO TRAVIS BAKER LIMITED.
5. THE CONTRACTOR SHALL PRIOR TO CONSTRUCTION CHECK AND VERIFY THAT THE DETAILS SHOWN ON THIS DRAWING ARE FULLY COMPATIBLE WITH ANY AS CONSTRUCTED DIMENSIONS OR LEVELS. ANY DISCREPANCIES TO BE REPORTED IMMEDIATELY IN WRITING TO TRAVIS BAKER LIMITED.
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REV	DESCRIPTION	DATE	BY	AUTH
B	AMENDED EMERGENCY SITE ACCESS CONSTRUCTION DETAILS	16/09/19	MCE	TW
A	ADDITION OF EMERGENCY SITE ACCESS CONSTRUCTION DETAILS	29/08/19	MCE	TW

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Geo-Environmental
Civil and Structural Engineering

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CLIENT
LARKFLEET HOMES

PROJECT
LOWGATE, FLEET

TITLE
CONSTRUCTION DETAILS

DRAWN	AUTHORISED	SCALE	DATE
MCE	TW	-@A1	25.01.19

PROJECT NO.	DRAWING NO.	REV
18203	302	B

STATUS.
PRELIMINARY

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