

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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1. ALL DIMENSIONS IN MILLIMETERS UNLESS NOTED OTHERWISE.
2. THIS DRAWING TO BE READ IN CONJUNCTION WITH ALL OTHER ENGINEERING DRAWINGS AND CALCULATIONS ASSOCIATED WITH THIS PROJECT.
3. ALL ADOPTABLE HIGHWAY WORKS ARE TO BE CARRIED OUT TO THE REQUIREMENTS AND FULL SATISFACTION OF WOKINGHAM BOROUGH COUNCIL.
4. 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.
5. 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.
6. FOR LANDSCAPING SURFACE MATERIAL FINISHES REFER TO ARCHITECT'S CURRENT WORKING DRAWINGS.

SURFACE COURSE 80mm POROUS PAVING BLOCKS LAID IN A 45° HERRINGBONE PATTERN.

LAYING COURSE 50mm THICK WASHED SINGLE SIZED 6mm AGGREGATE.

GEOTEXTILE MARSHALL'S MT120 FILTRATION MEMBRANE.

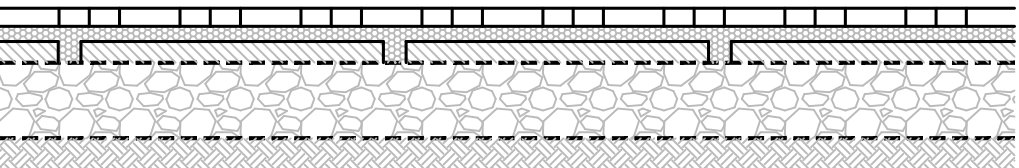
BASECOURSE 70mm THICK AC32 DENSE BASE 40/60 DES TO BS EN 13108-1 AND CLAUSE 929 OF DIT SHW

ROAD BASE 250mm NO FINES CRUSHED ROCK OR OPEN GRADED CRUSHED GRAVEL 20-40mm ANGULAR AGGREGATE. LAID AND COMPACTED IN LAYERS NO MORE THAN 150mm THICK

GEOGRID MARSHALL'S MT120 FILTRATION MEMBRANE.

SUBGRADE TO BE PREPARED IN ACCORDANCE WITH DIT SHW 600 SERIES TO PROVIDE A CBR VALUE OF 5%.

75mm DRAINAGE HOLES AT 1000 CENTRES TO BE CORE DRILLED THROUGH THE DBM LAYER AND FILLED WITH WASHED 6mm AGGREGATE



DETAIL 1
POROUS PAVED DRIVE DETAIL
SUITABLE FOR AN OCCASSIONAL HGV
SCALE 1:25

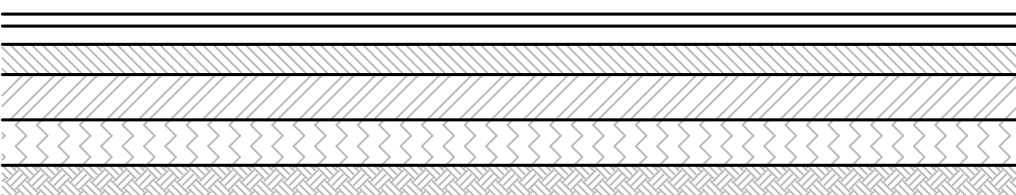
SURFACE COURSE 40mm THICK - AC10 PEN 100/150 TO BS EN 13108-1 AND CLAUSE 912 OF DIT SHW. PSV60+, AAV 14.

BINDER COURSE 60mm THICK - AC20 DENSE BIN 40/60 DES TO BS EN 13108-1 AND CLAUSE 929 OF DIT SHW

BASE 130mm THICK - AC32 DENSE BASE 40/60 DES TO BS EN 13108-1 AND CLAUSE 929 OF DIT SHW

SUB BASE TYPE 1 TO CLAUSE 803 OF DIT SHW. REFER TO TABLE FOR THICKNESS

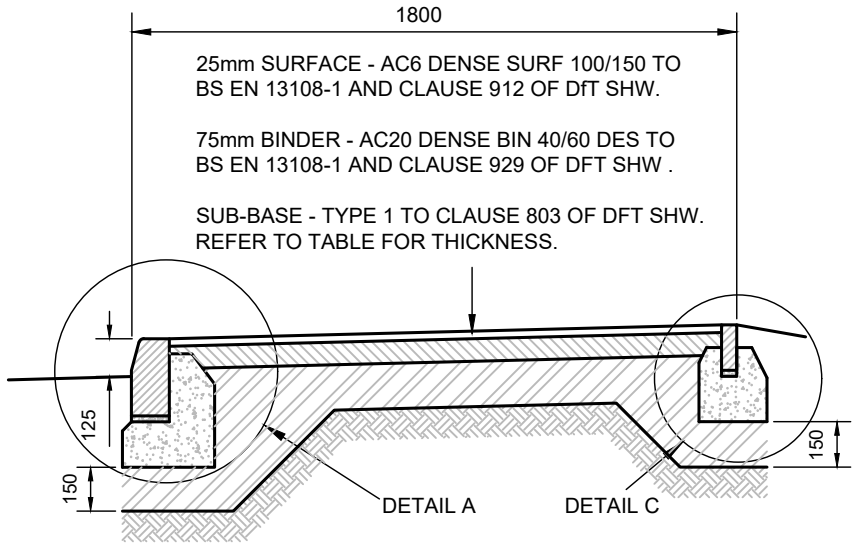
CAPPING TYPE 2 TO CLAUSE 804 OF DIT SHW. REFER TO TABLE FOR THICKNESS



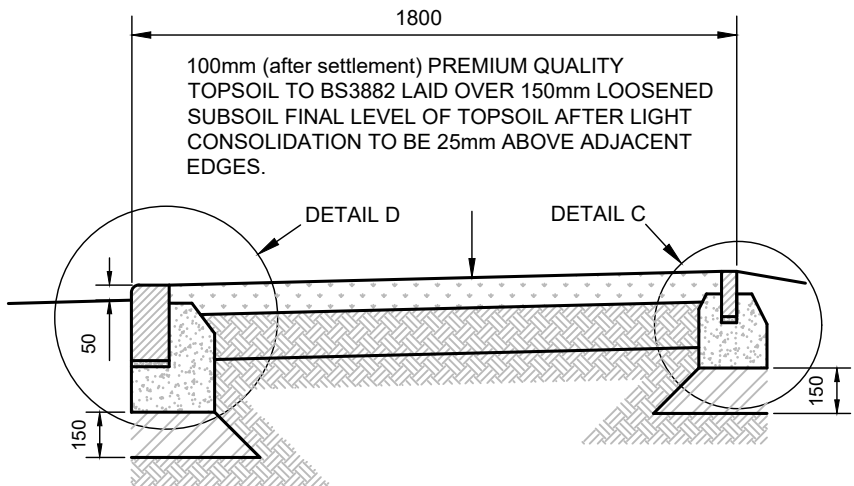
DETAIL 2
TYPICAL ASPHALT CARRIAGEWAY SECTION
CARRIAGEWAY SUB-BASE ON CAPPING

CBR (%)	Subbase on Capping (mm)		Subbase Only (mm)
	Subbase	Capping	
≤2.5	Ground Stabilisation	Ground Stabilisation	Ground Stabilisation
2.6 – 2.9	350	250	450
3.0 – 3.9	320	240	400
4.0 – 4.9	270	220	390
5.0 – 5.9	240	210	320
6.0 – 7.9	210	200	300
8.0 – 9.9	200	180	270
10 – 11.9	180	180	250
12.0 – 14.9	170	160	230
15.0+	150	150	200

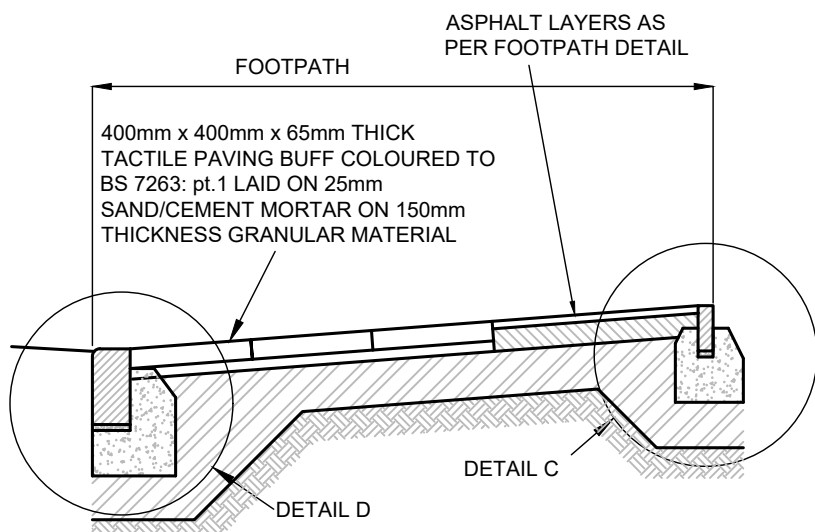
(figures used in the table above have been extracted from figures 3.1 and 3.2 of IAN 73/06 Rev 1)



DETAIL 3
ASPHALT FOOTPATH DETAIL
(MAIN CARRIAGEWAY)
SCALE 1:25



VERGE DETAIL
(SHARED SURFACE)
SCALE 1:25



PEDESTRIAN CROSSING DETAIL
SCALE 1:25

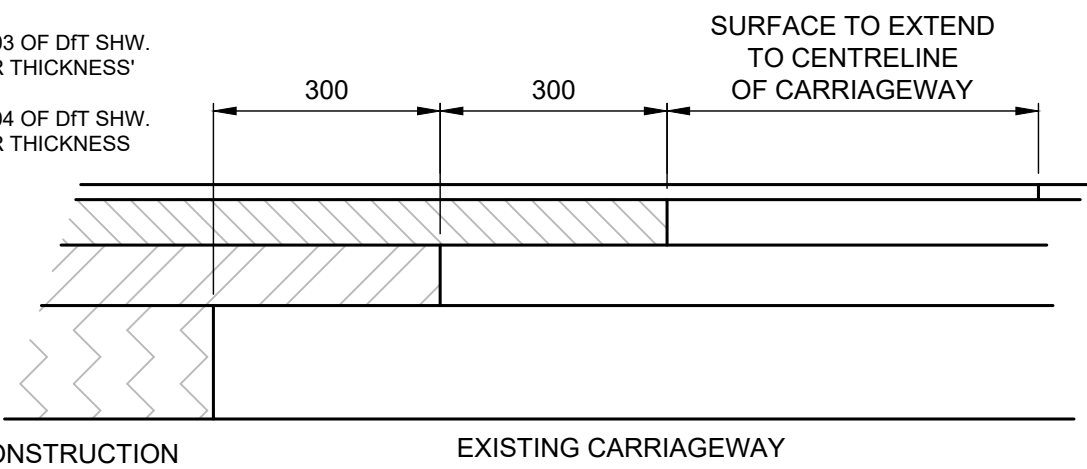
SURFACE COURSE 40mm THICK - AC10 PEN 100/150 TO BS EN 13108-1 AND CLAUSE 912 OF DIT SHW. PSV60+, AAV 14.

BINDER COURSE 60mm THICK - AC20 DENSE BIN40/60 DES TO BS EN 13108-1 AND CLAUSE 929 OF DIT SHW

BASE 130mm THICK - AC32 DENSE BASE 40/60 DES TO BS EN 13108-1 AND CLAUSE 929 OF DIT SHW

SUB BASE TYPE 1 TO CLAUSE 803 OF DIT SHW. REFER TO TABLE FOR THICKNESS

CAPPING TYPE 2 TO CLAUSE 804 OF DIT SHW. REFER TO TABLE FOR THICKNESS



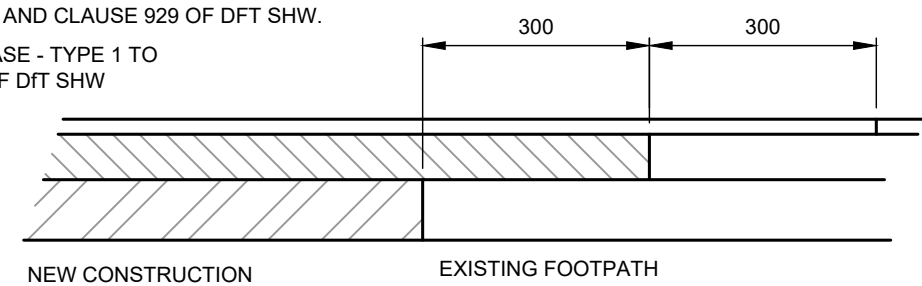
DETAIL 5
CARRIAGEWAY MAKING GOOD DETAIL
SCALE 1:10

20mm SURFACE - AC6 DENSE SURF 100/150 TO BS EN 13108-1 AND CLAUSE 912 OF DIT SHW

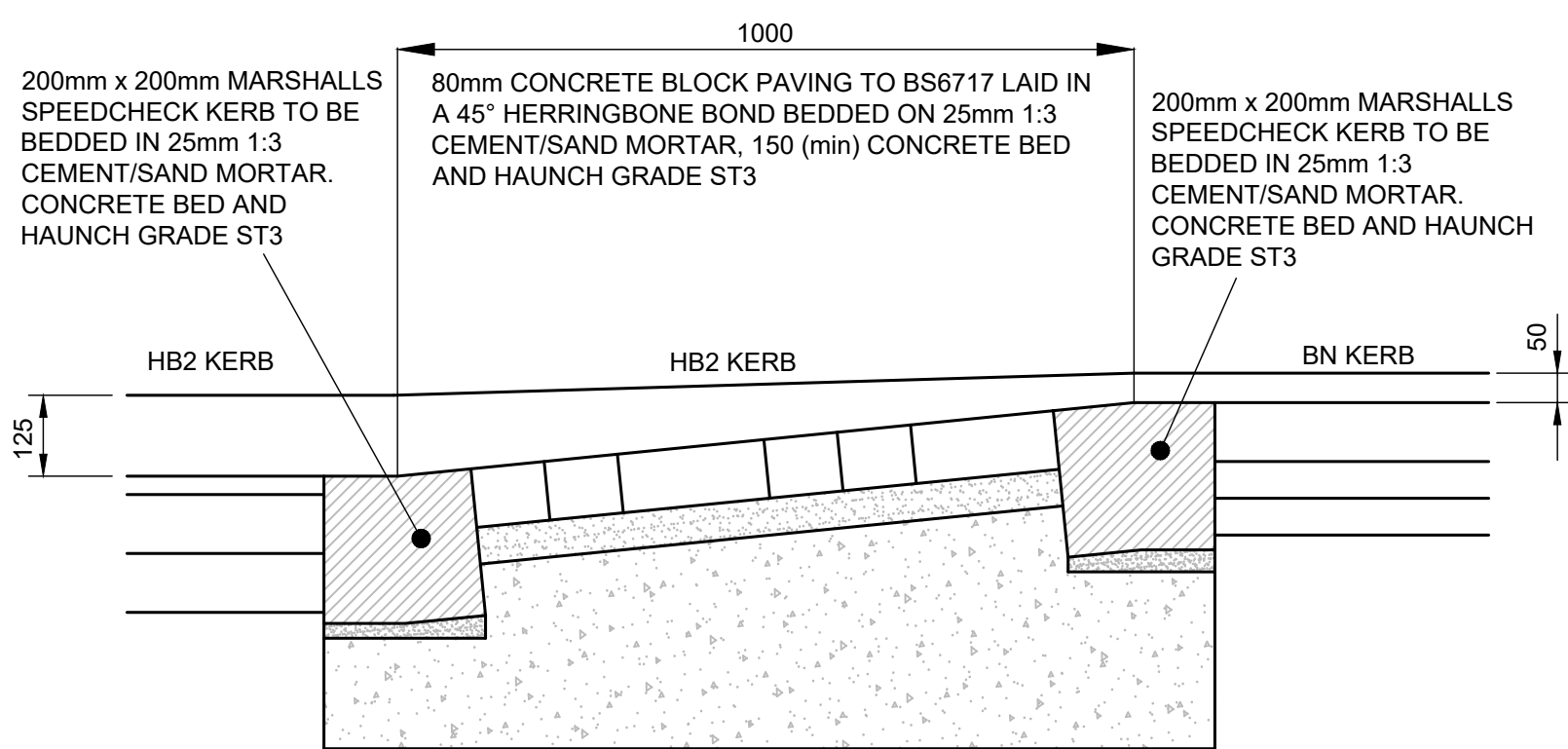
50mm BINDER - AC20 DENSE BIN 40/60 DES TO BS EN 13108-1 AND CLAUSE 929 OF DIT SHW.

100mm SUB-BASE - TYPE 1 TO CLAUSE 803 OF DIT SHW

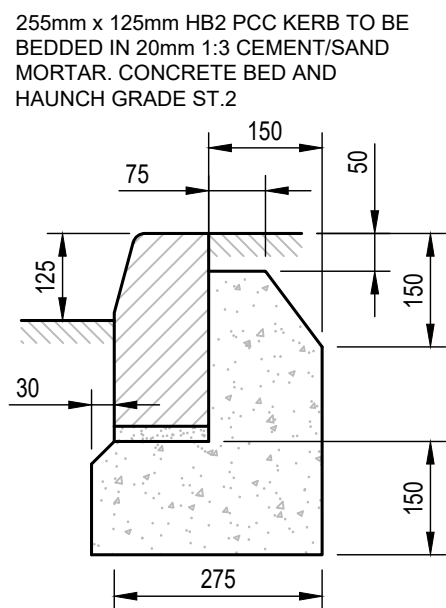
THE WIDTH OF CONSTRUCTION IS TO MATCH THE EXISTING FULL WIDTH FOOTPATH, UNLESS SHOWN OTHERWISE ON DRAWING 10.



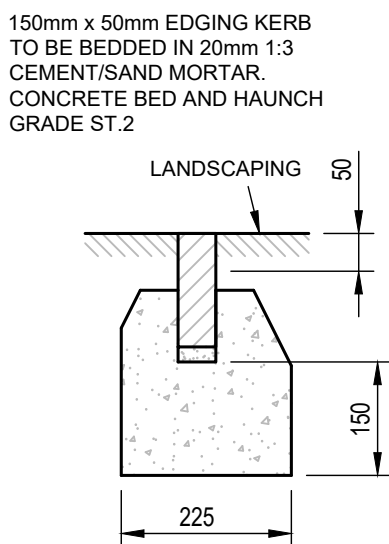
DETAIL 4
FOOTPATH MAKING GOOD DETAIL
SCALE 1:10



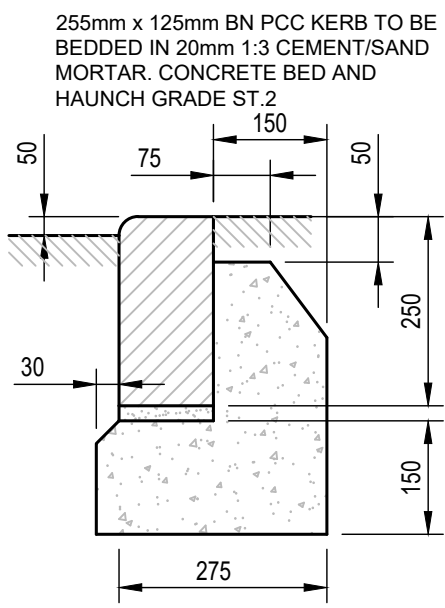
TRANSITION RAMP TO SHARED SURFACE
SCALE 1:10



DETAIL A
SCALE 1:10



DETAIL C
SCALE 1:10



DETAIL D
SCALE 1:10

P1	PRELIMINARY ISSUE	27.05.2025	RAC
REV	AMENDMENT	DATE	CHKD

DRAWING STATUS

PRELIMINARY

RCD

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CLIENT

PROJECT
PROPOSED RESIDENTIAL DEVELOPMENT
SCHOOL ROAD
HURST

DRAWING TITLE
SECTION 278
CONSTRUCTION DETAILS

CIVILS

SCALE	DRAWN BY	CHECKED	DATE
1:25 @ A1 1:50 @ A3	STC	RAC	MAY 2025

DRAWING NUMBER	REVISION
1111-2530-CIV-130	P1