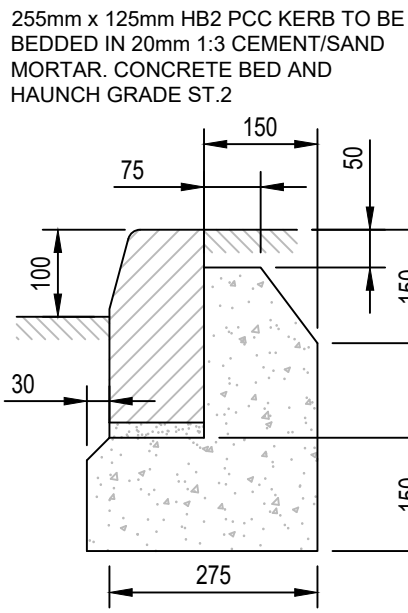
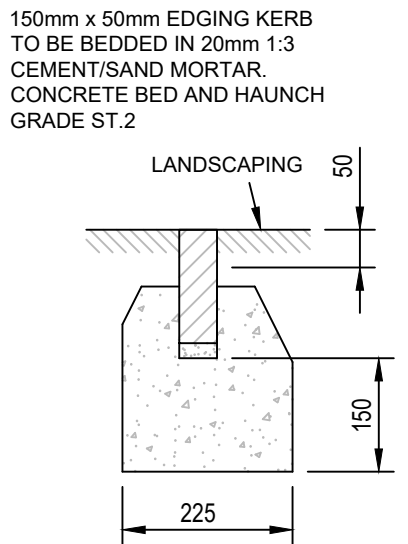
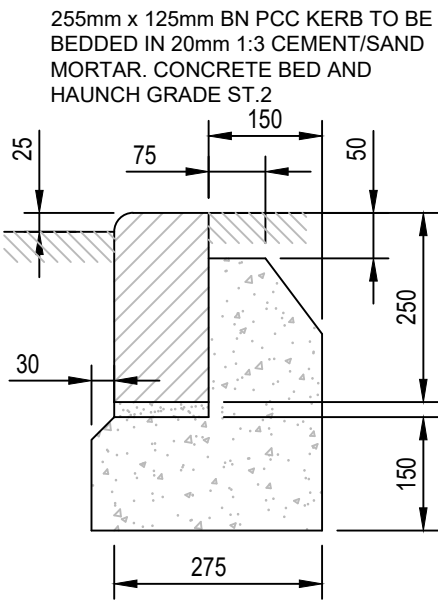




DETAIL A
SCALE 1:10

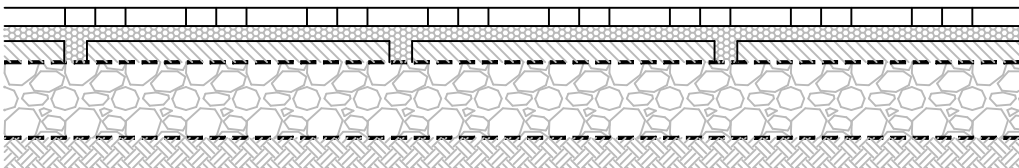


DETAIL C
SCALE 1:10



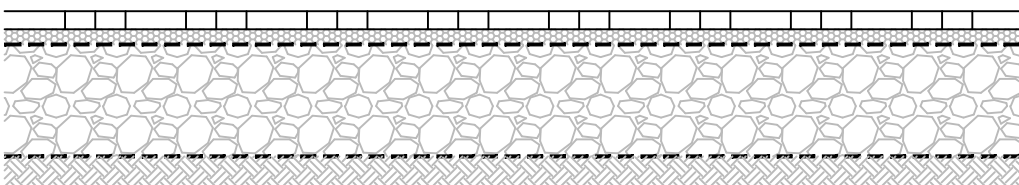
DETAIL D
SCALE 1:10

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	

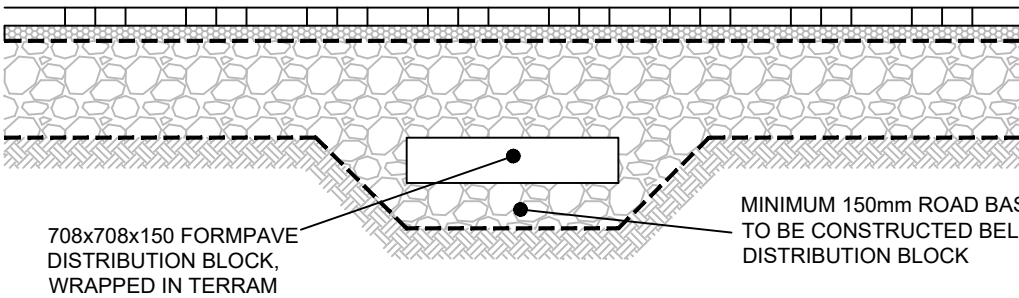


POROUS PAVED DRIVE DETAIL
SUITABLE FOR AN OCCASSIONAL HGV
SCALE 1:25

SURFACE COURSE	60mm POROUS PAVING BLOCKS LAID IN A 45° HERRINGBONE PATTERN.
LAYING COURSE	50mm THICK WASHED SINGLE SIZED 6mm AGGREGATE.
GEOTEXTILE	MARSHALL'S MT120 FILTRATION MEMBRANE
ROAD BASE	340mm NO FINES CRUSHED ROCK OR OPEN GRADED CRUSHED GRAVEL 20-40mm ANGULAR AGGREGATE. LAID AND COMPACTED IN LAYERS NO MORE THAN 150mm THICK
GEOTEXTILE	MARSHALL'S MT120 FILTRATION MEMBRANE
SUBGRADE	TO BE PREPARED IN ACCORDANCE WITH DIT SHW 600 SERIES TO PROVIDE A CBR VALUE OF 5%.

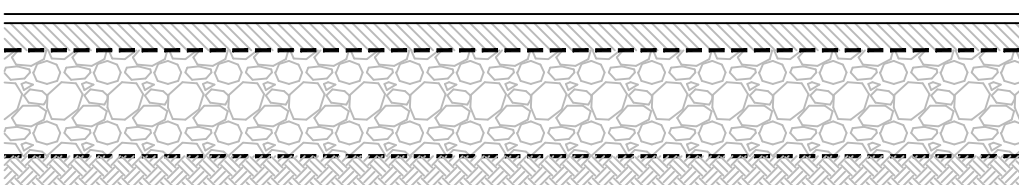


POROUS PAVED PARKING
SPACE/DRIVE DETAIL
SCALE 1:25



PRIVATE POROUS PAVED DRIVE DETAIL
SHOWING DISTRIBUTION TANK BELOW FORMATION
SCALE 1:25

SURFACE COURSE	30mm THICK - TARMACDRY SURFACE POROUS ASPHALT (OR SIMILAR).
BINDER COURSE	90mm THICK - TARMACDRY BINDER POROUS ASPHALT (OR SIMILAR).
BASE	330mm OPEN GRADED CRUSHED ROCK OR OPEN GRADED CRUSHED GRAVEL IN ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS.
GEOTEXTILE	MARSHALLS MT120 FILTRATION MEMBRANE.
SUBGRADE	TO BE PREPARED IN ACCORDANCE WITH DIT SHW 600 SERIES TO PROVIDE A CBR VALUE OF 5%.



TYPICAL ASPHALT CARPARK SECTION
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

TYPICAL ASPHALT CARRIAGEWAY SECTION
SCALE 1:25

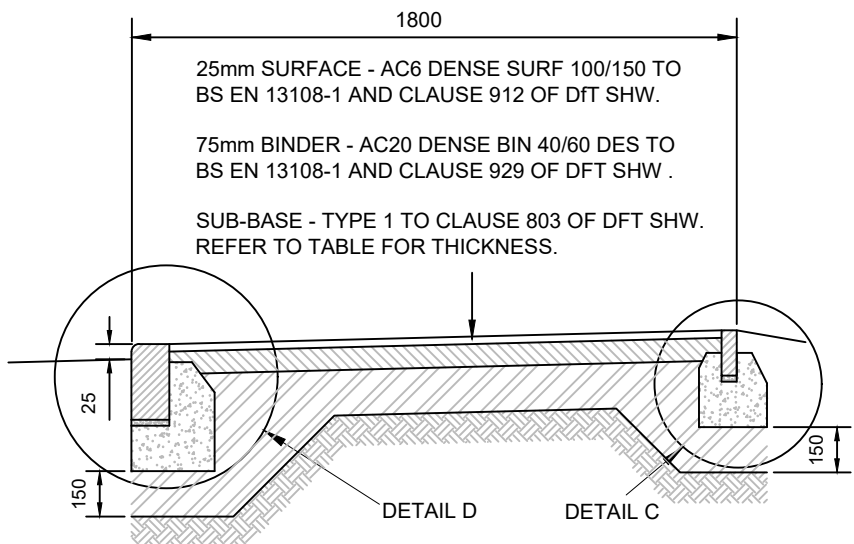
SURFACE COURSE	80mm MARSHALL'S KEYBLOK BLOCK PAVING TO BS6717 LAID IN A 45° HERRINGBONE BOND.
LAYING COURSE	50mm OF SHARP SAND (MAX 3% SILT AND CLAY BY WEIGHT, NOT MORE THAN 10% RETAINED ON 5mm SIEVE).
BASE	130mm THICK - AC32 DENSE BASE 40/60 DES TO BS EN 13108-1 AND CLAUSE 929 OF DIT SHW.
SUB BASE	TYPE 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

TYPICAL BLOCK PAVED CARRIAGEWAY SECTION
SCALE 1:25

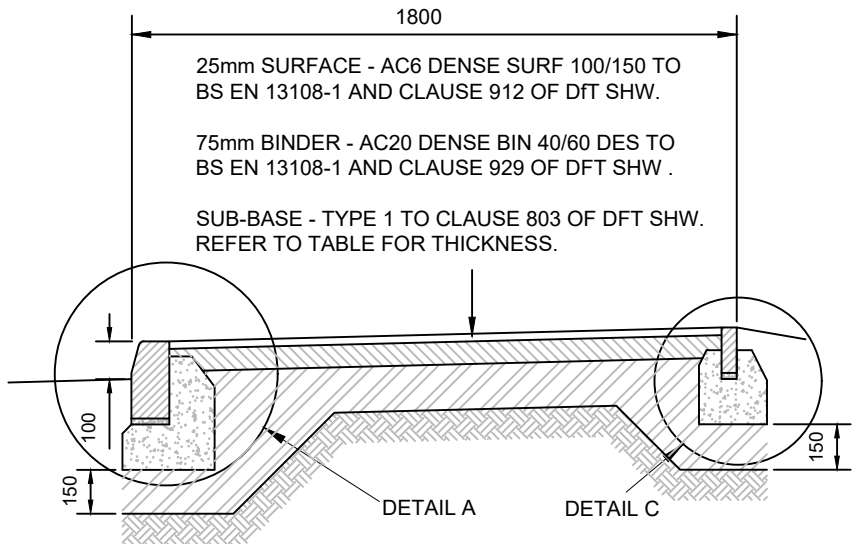
CARRIAGEWAY SUB-BASE ON CAPPING

CBR (%)	Subbase on Capping (mm)		Subbase Only (mm)
	Subbase	Capping	
≤2.5			
2.6 – 2.9	350	250	450
3.0 – 3.9	320	240	400
4.0 – 4.9	270	220	360
5.0 – 5.9	240	210	320
6.0 – 7.9	210	200	300
8.0 – 9.9	200	190	270
10 – 11.9	180	180	250
12.0 – 14.9	170	160	230
15.0+	150	150	200

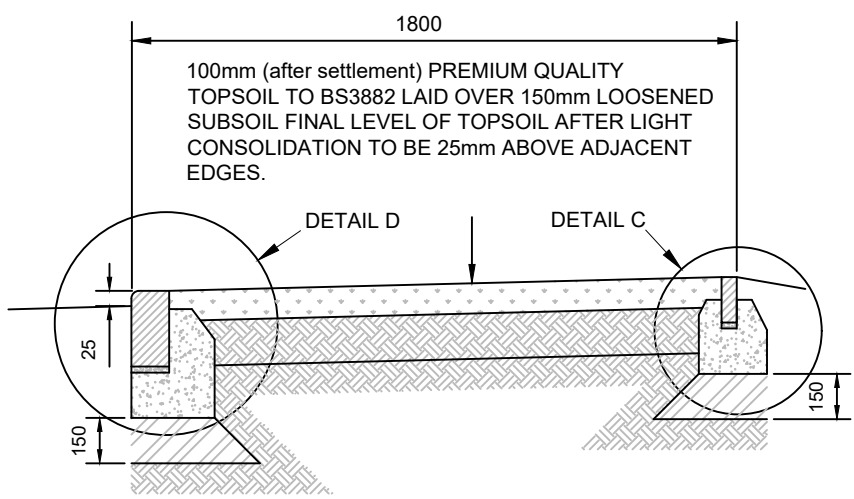
(Figures used in the table above have been extracted from Figures 3.1 and 3.2 of IAN 73/06 Rev 1)



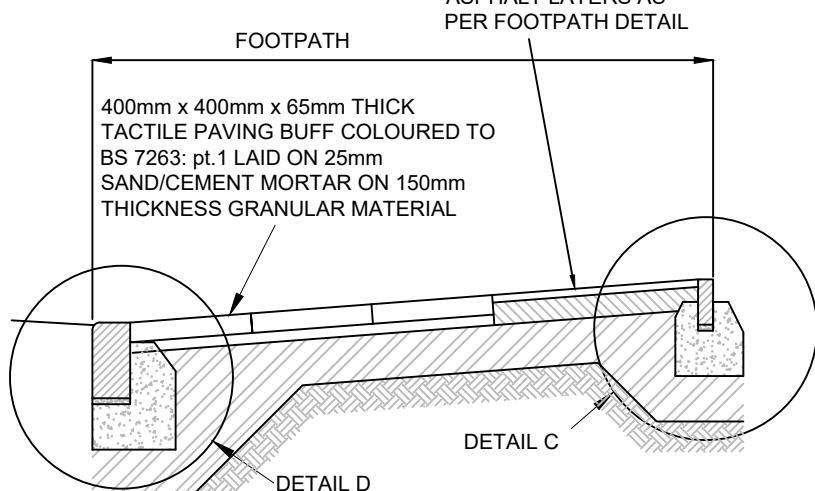
ASPHALT FOOTPATH/VEHICLE
CROSSOVER DETAIL
(SHARED SURFACE)
SCALE 1:25



ASPHALT FOOTPATH DETAIL
(MAIN CARRIAGEWAY)
SCALE 1:25

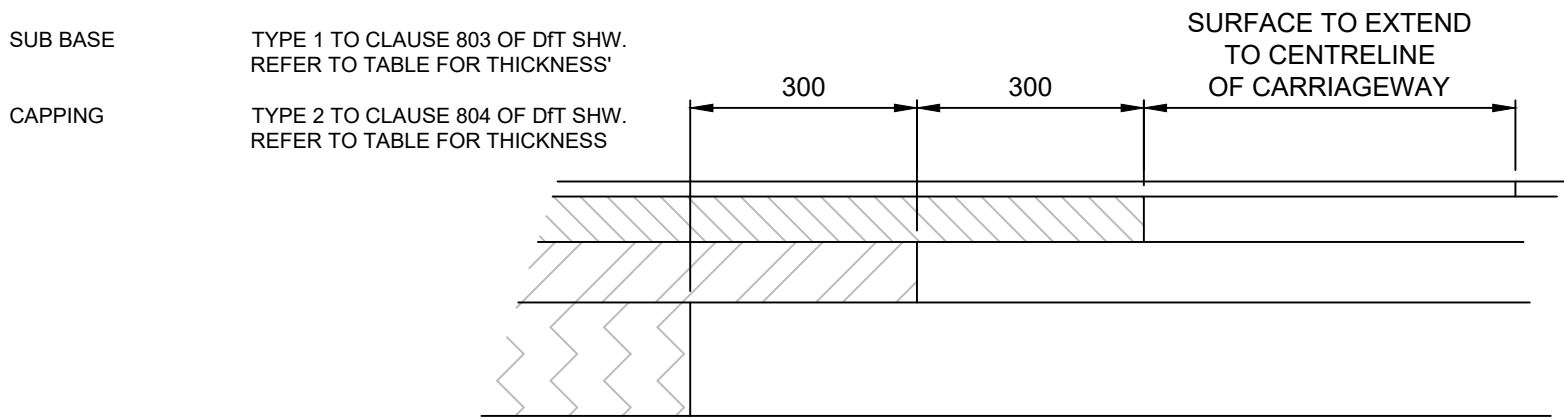


VERGE DETAIL
(SHARED SURFACE)
SCALE 1:25



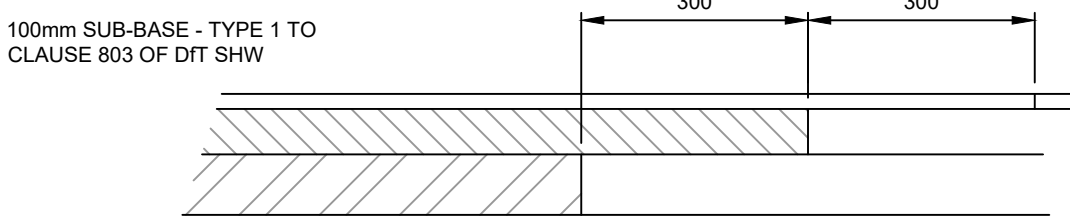
PEDESTRIAN CROSSING DETAIL
SCALE 1:25

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



CARRIAGEWAY MAKING GOOD DETAIL
SCALE 1:10

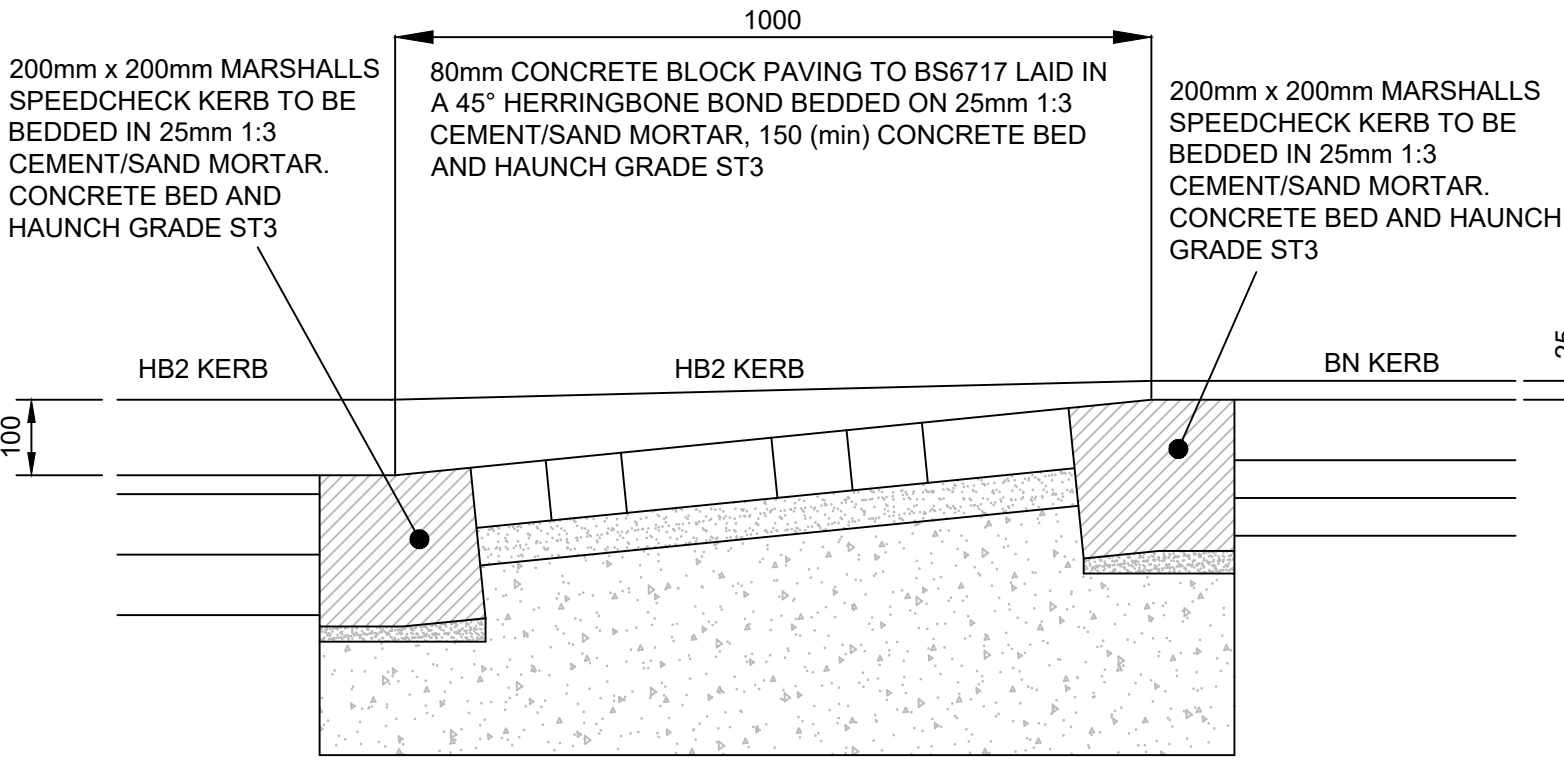
20mm SURFACE - AC6 DENSE SURF 100/150 TO BS EN 13108-1 AND CLAUSE 912 OF DIT SHW	THE WIDTH OF CONSTRUCTION IS TO MATCH THE EXISTING FULL WIDTH FOOTPATH. UNLESS SHOWN OTHERWISE ON DRAWING 10.
50mm BINDER - AC20 DENSE BIN 40/60 DES TO BS EN 13108-1 AND CLAUSE 929 OF DIT SHW.	
100mm SUB-BASE - TYPE 1 TO CLAUSE 803 OF DIT SHW	
100mm SUB-BASE - TYPE 1 TO CLAUSE 803 OF DIT SHW	



FOOTPATH MAKING GOOD DETAIL
SCALE 1:10

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)
150mm TYPE 1 GRANULAR MATERIAL

TYPICAL PRIVATE FLAGGED
PATH CROSS-SECTION
SCALE 1:25



TRANSITION RAMP TO SHARED SURFACE
SCALE 1:10

NOTES
CONTRACTORS MUST VERIFY ALL DIMENSIONS ON SITE BEFORE COMMENCING ANY WORK ON SHOP DRAWINGS
DO NOT SCALE FROM THIS DRAWING
RCD CONSULTANTS LTD COPYRIGHT

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 KENT COUNTY 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.

P3	AMENDED TO SUIT RSA COMMENTS.	31.03.2026	RAC
P2	RAMP ADDED.	27.05.2025	RAC
P1	PRELIMINARY ISSUE	23.05.2025	RAC
REV	AMENDMENT	DATE	CHKD

DRAWING STATUS

PRELIMINARY

RCD

RCD CONSULTANTS LTD
EMAIL: ray@rcd-consultants.com

CLIENT
PROJECT
PROPOSED RESIDENTIAL DEVELOPMENT SCHOOL ROAD HURST
DRAWING TITLE
EXTERNAL WORKS CONSTRUCTION DETAILS

SCALE	DRAWN BY	CHECKED	DATE
1:25 @ A1 1:50 @ A3	STC	RAC	MAY 2025
DRAWING NUMBER	REVISION		
1111-2530-CIV-30	P3		