



PLAN 1/20
(projecting stretcher course)

(REFER TO BARRATT STANDARD DETAIL DB-SD13-004)



The diagram illustrates a cross-section of a road pavement structure. It shows a full depth carriageway construction on the left and a shared surface carriageway construction on the right. The full depth construction includes a 40mm surface course, 60mm binder course, 130mm base course, and a sub-base layer. The shared surface construction includes a 150mm thick ST4 concrete layer and a 150mm thick Type 1 sub-base layer. A transition kerb is shown between the two sections, with a 125mm upstand and a 130mm channel. A dropped kerb is shown on the right, with a 125mm upstand and a 130mm channel. The diagram also shows a 125x255x914 long square channel (flush) and a 125mm HB2 kerb upstand. The sub-base layer is dependent on CBR's, and the paving layer is also dependent on CBR's. The full depth construction is as per WBC standard detail, and the shared surface construction is also as per WBC standard detail. The diagram includes dimensions for the various layers and components, such as 40mm, 60mm, 130mm, 125mm, 130mm, 914mm, 150mm, 175mm, and 125mm.

Labels and dimensions in the diagram include:

- HB2 KERB 125mm UPSTAND
- 125x255x914 LONG SQUARE CHANNEL (FLUSH)
- 40mm SURFACE COURSE
- 60mm BINDER COURSE
- 130mm BASE COURSE
- SUB-BASE (DEPENDANT ON CBR's)
- PAVING LAYER (DEPENDANT ON CBR's)
- TRANSITION KERB 125mm-0mm UPSTAND
- 125x255x914 LONG SQUARE CHANNEL (FLUSH)
- DROPPED KERB 125mm UPSTAND (TO PROVIDE PEDESTRIAN ACCESS TO SHARED SURFACE AREA)
- 914mm
- 130mm
- 125mm
- 150mm
- 175mm
- 150mm THICK ST4 CONCRETE
- 150mm THICK TYPE 1 SUB-BASE
- RED COLOURED CONCRETE BLOCK PAVING 80mm THICK LAID IN HERRINGBONE PATTERN
- SAND BED 50mm THICK
- FULL DEPTH CARRIAGEWAY CONSTRUCTION (AS PER WBC STANDARD DETAIL)
- SHARED SURFACE CARRIAGEWAY CONSTRUCTION (AS PER WBC STANDARD DETAIL)

(DELINEATION BETWEEN STANDARD CARRIAGEWAY & SHARED SURFACE)

NOTES:

1. DO NOT SCALE FROM THIS DRAWING.
2. ALL DIMENSIONS ARE IN METRES, UNLESS STATED OTHERWISE.
3. BASED ON INCOMING LAYOUT
"PLN-8-9-1001-PLANNING LAYOUTS - REV A"
PRODUCED BY BRIMSTONE DESIGN LTD.
4. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT SCHEME DRAWINGS AND SPECIFICATIONS.

C01	UPDATED TO SUIT CLIENT COMMENTS	AS	TA	11.11.24
Rev	Description	Dwn	Chk	Date
REVISIONS				
Preliminary Issue	✓	Submitted for S104		
Planning Issue		Issued for Tender		✓
Submitted for S38		Issued for Construction		
Submitted for S278		As Built		
DRAWING STATUS				



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FINCHWOOD PARK
PARCEL 9

DRAWING TITLE

HIGHWAY CONSTRUCTION
DETAILS
SHEET 2 OF 2

DATE	DRAWN	CHECKED	SCALE
SEP' 2024	TV	TA	NTS @A1
DRAWING No.	REV	SMA PROJECT No.	
H8686-SMA-XX-XX-DR-CE-300169	C01	6860	

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