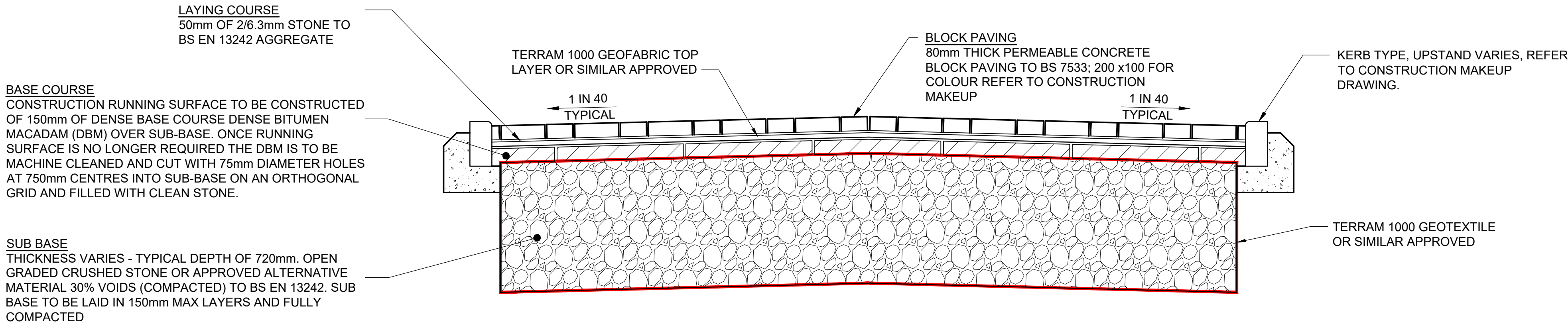
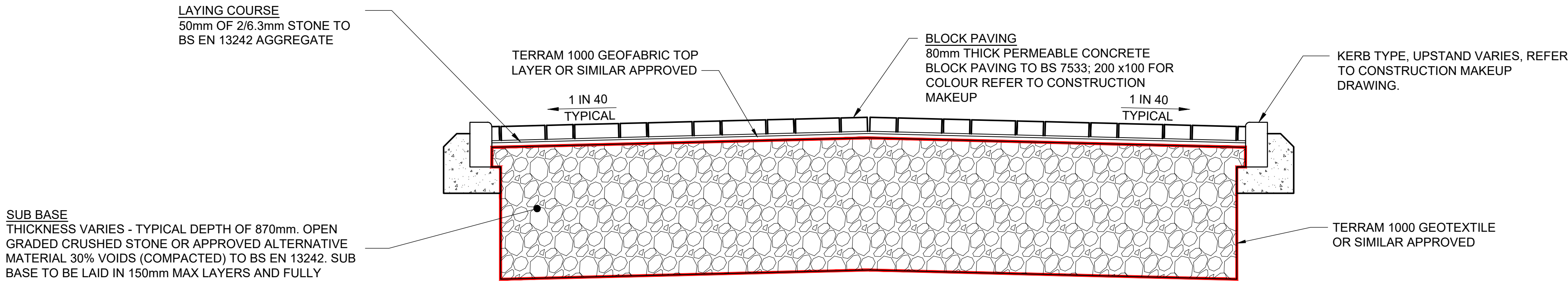




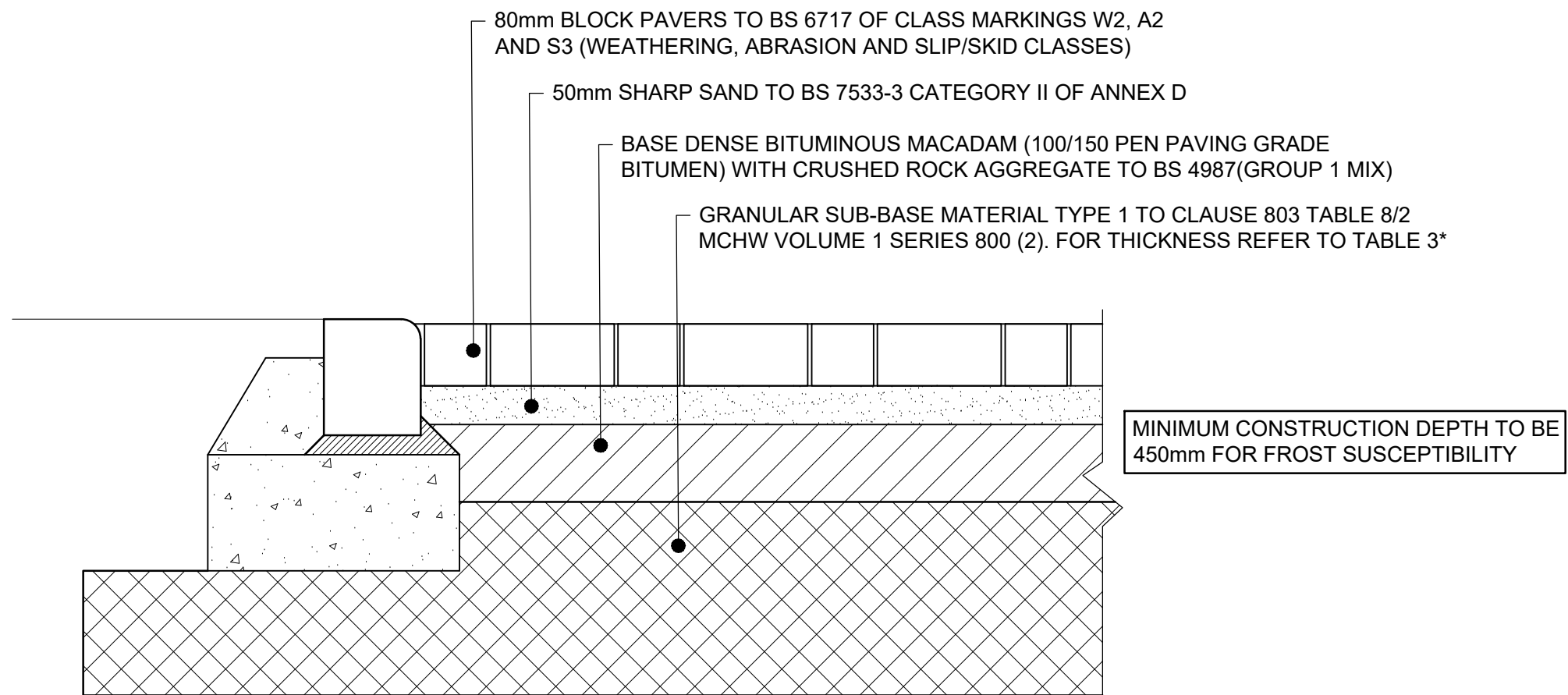
TYPICAL SECTION THROUGH PERMEABLE COURTYARDS AND PRIVATE DRIVEWAYS (WITH CONSTRUCTION TRAFFIC / HGV's)
(BASED ON CBR 3%)



TYPICAL SECTION THROUGH PERMEABLE COURTYARDS AND PRIVATE DRIVEWAYS (NO CONSTRUCTION TRAFFIC / HGV's)
(BASED ON CBR 3%)

TABLE '2C' SHARED DRIVES HAVING INFREQUENT USE BY COMMERCIAL VEHICLES					
CONSTRUCTION		ROAD TYPE			
		BITUMINOUS MACADAM	CONCRETE	BLOCK PAVERS	GRAVEL
SUB-BASE	GRANULAR SUB-BASE MATERIAL TYPE 1 TO CLAUSE 803 TABLE 8/2 MCHW VOLUME 1 SERIES 800 (2).	TABLE 3*	TABLE 3*	TABLE 3*	TABLE 3*
BASE (ROAD BASE)	DENSE BITUMINOUS MACADAM (100/150 PEN PAVING GRADE BITUMEN) WITH CRUSHED ROCK AGGREGATE TO BS 4987(GROUP 1 MIX)	ASPHALT BASED ON THE PROVISION A GEOTEXTILE MEMBRANE UNDERNEATH THE SUB-BASE. WHERE NO GEOTEXTILE MEMBRANE IS PROVIDED, SEE TABLE 3	N/A	N/A	N/A
	CONCRETE DESIGNATION (BS 8500-2 TABLE 7)	N/A	N/A	N/A	N/A
	DENSE BITUMINOUS MACADAM (100/150 PEN PAVING GRADE BITUMEN) WITH CRUSHED ROCK AGGREGATE TO BS 4987 (GROUP 2 MIX)	80 (0/32mm SIZE TO CLAUSE 6.4) OR (0/20mm SIZE TO 7.5)	N/A	N/A	N/A
BINDER COURSE (BASE COURSE)	DENSE BITUMINOUS MACADAM (100/150 PEN PAVING GRADE BITUMEN) WITH CRUSHED ROCK AGGREGATE TO BS 4987 (GROUP 2 MIX)	30 (0-10mm SIZE TO CLAUSE 7.4)	N/A	100mm WHEN USED BY CONSTRUCTION TRAFFIC	A 38mm THICKNESS OF GRADED 15/20mm UNBOUND AGGREGATE TO BS EN 13242 (GRAVEL), WELL ROLLED AND COMPACTED, SHOULD BE USED.
SURFACE COURSE (WEARING COURSE)	HOT ROLLED ASPHALT TO BS 594-1	40 (DESIGNATION 30% 0/14)	N/A	N/A	N/A
	MASTIC ASPHALT TO BS 1447	30 (GRADE S - 40% 0/10mm SIZE)	N/A	N/A	N/A
	CONCRETE DESIGNATION (BS 8500-2 TABLE 7)	N/A	150 GRADE PAV2	N/A	N/A
	SHARP SAND TO BS 7533-3 CATEGORY II OF ANNEX D	N/A	N/A	50	N/A
BEDDING COURSE	SHARP SAND TO BS 7533-3 CATEGORY II OF ANNEX D	N/A	N/A	50	N/A
PAVERS	BLOCK PAVERS TO BS 6717 OF CLASS MARKINGS W2, A2 AND S3 (WEATHERING, ABRASION AND SLIP/SKID CLASSES)	N/A	N/A	80	N/A

TABLE '3' MINIMUM SUB-BASE THICKNESS FOR PAVED AREAS		
CBR VALUES	MINIMUM THICKNESS (mm) OF SUB-BASE (CONSOLIDATED IN ACCORDANCE WITH MCHW VOLUME 1 CLAUSE 801, TABLE 8/1)	
	WITHOUT GEOTEXTILE	WITH GEOTEXTILE
< 2%	N/A	300
2-3%	325	225
3-5%	250	150
5-7%	150	N/A
7-20%	100	N/A



PRIVATE ROAD HAVING INFREQUENT USE BY COMMERCIAL VEHICLES

- NOTES**
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE MANUAL FOR CONTRACT DOCUMENTS, VOLUME 1, SPECIFICATION FOR HIGHWAY WORKS, WSCC SPECIFICATION AND ALL OTHER RELATED DRAWINGS ISSUED.
 2. IF THERE IS ANY AMBIGUITY BETWEEN THE SPECIFICATION AND THE DRAWINGS, THE CONTRACTOR SHALL IMMEDIATELY INFORM THE ENGINEER.
 3. DO NOT SCALE FROM THIS DRAWING. WORK FROM FIGURED DIMENSIONS ONLY.
 4. ALL DIMENSIONS SHOWN ON THIS DRAWING ARE IN METRES
 5. ALL DIMENSIONS, LEVELS AND SURVEY GRID CO-ORDINATES ARE TO BE CHECKED ON SITE AND THE ENGINEER NOTIFIED IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO THE COMMENCEMENT OF THE WORKS.
 6. NO DEVIATION FROM THE DETAILS SHOWN ON THIS DRAWING IS PERMITTED WITHOUT PERMISSION FROM THE ENGINEER.

FOR PLANNING PURPOSES ONLY

C	GEOTEXTILE AMENDED IN ACCORDANCE WITH ADC COMMENTS	JA	SG	LH	24.07.19
B	GEOTEXTILE AMENDED IN ACCORDANCE WITH ADC COMMENTS	JA	SG	LH	12.07.19
A	IMPERMEABLE MEMBRANE REMOVED FROM DETAIL	JA	SG	LH	03.07.19
Rev	Amendments	Dm	Chk	App	Date

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Job Title
LAND SOUTH OF BURNDELL ROAD, YAPTON

Drawing Title
PRIVATE HIGHWAYS CONSTRUCTION DETAILS

Client
BOVIS HOMES

Scale NTS @ A1	Date JAN 19	Designed SG
Drawn TSB	Checked SG	Approved LH
Job No 18-070	Drawing No 18-070/112	Rev C