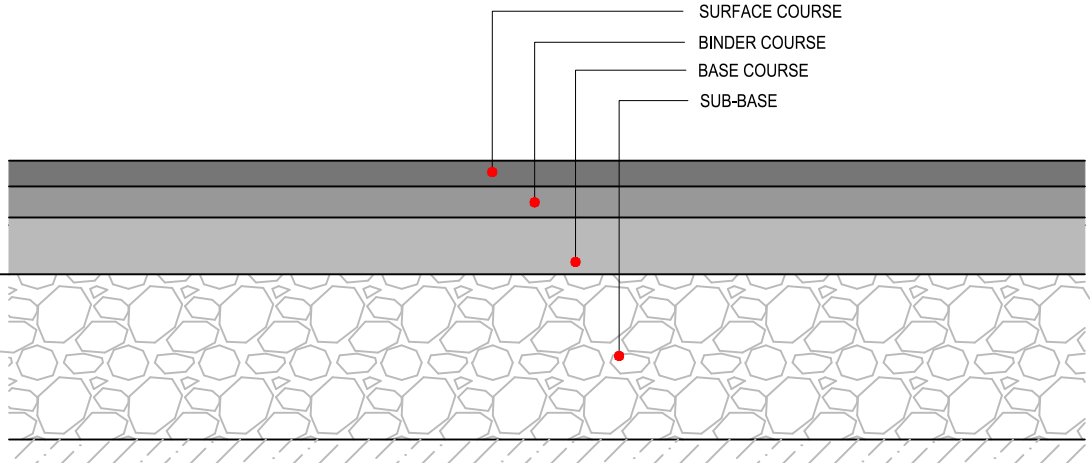
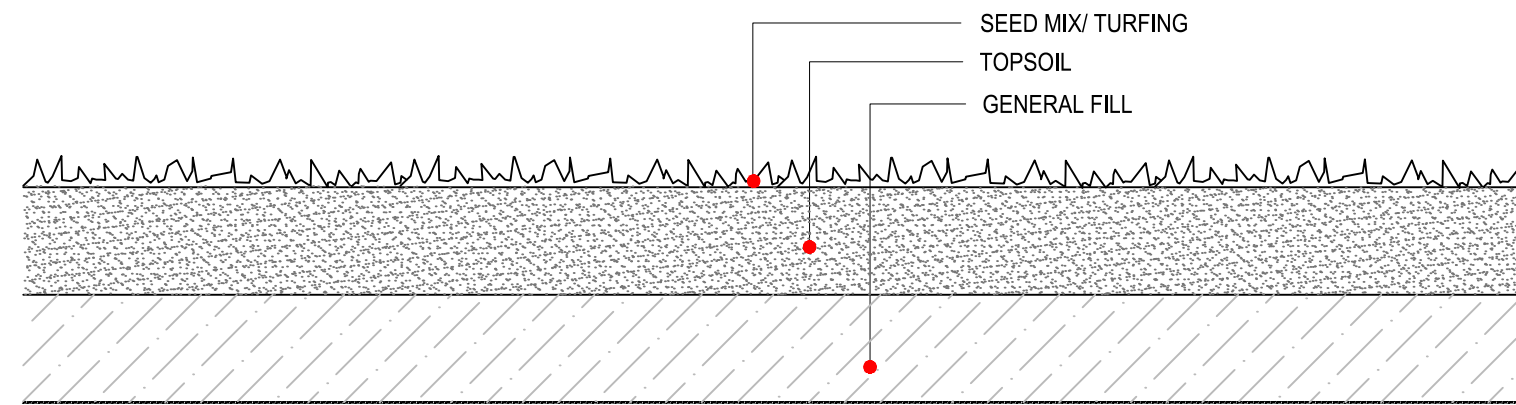




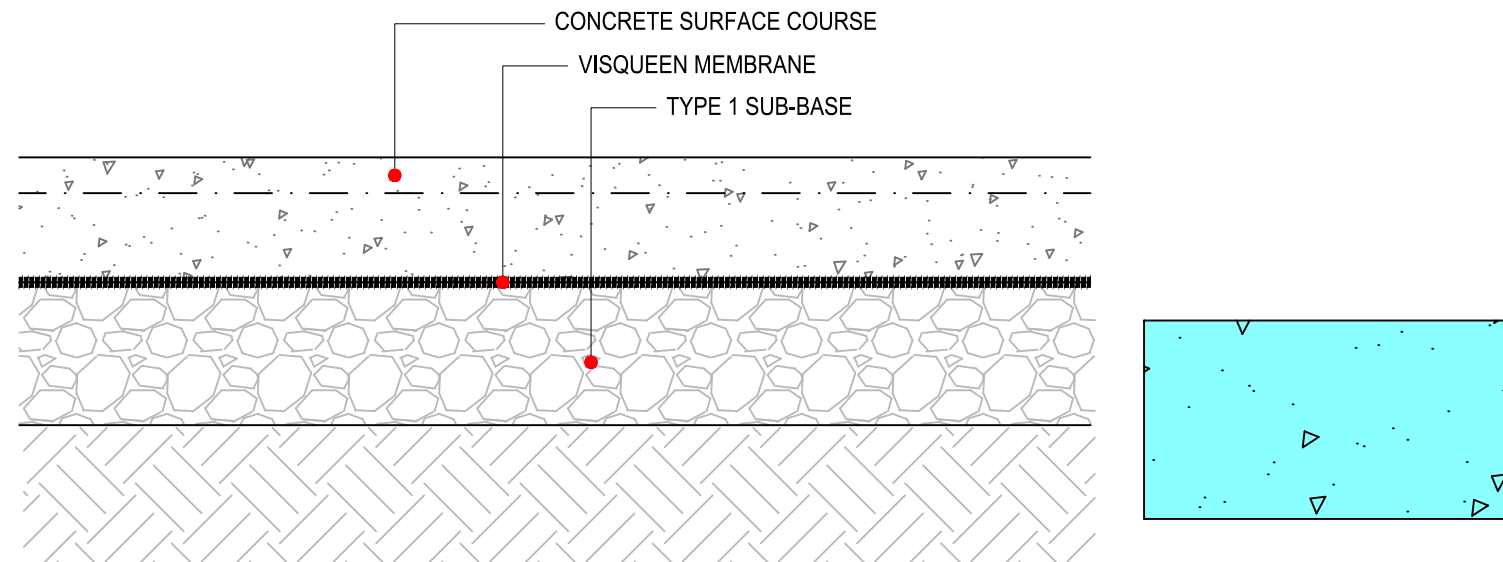
STONE MASTIC ASPHALT

LAYER	CLAUSE	MATERIAL	BINDER	THICKNESS	SPECIAL REQUIREMENTS
SURFACE COURSE	937	STONE MASTIC ASPHALT SMA 14 SURF	40/60	50mm	BS EN 13108, PD 6691 PSV=50, AAV=16
BINDER COURSE	906	DENSE MACADAM BINDER COURSE AC 20 DENSE BIN	100/150	60mm	BS EN 13108, PD 6691
BASE	903	DENSE MACADAM BASE AC 32 DENSE BASE	100/150	110mm	BS EN 13108, PD 6691
SUB-BASE	803	GRANULAR SUB-BASE TYPE 1	N/A	325mm	ASSUMED 5% CBR
GEOTEXTILE MEMBRANE		TERRAM 1000 OR SIMILAR APPROVED	N/A		WHERE POOR GROUND IS ENCOUNTERED TO BE INSTRUCTED BY ENGINEER



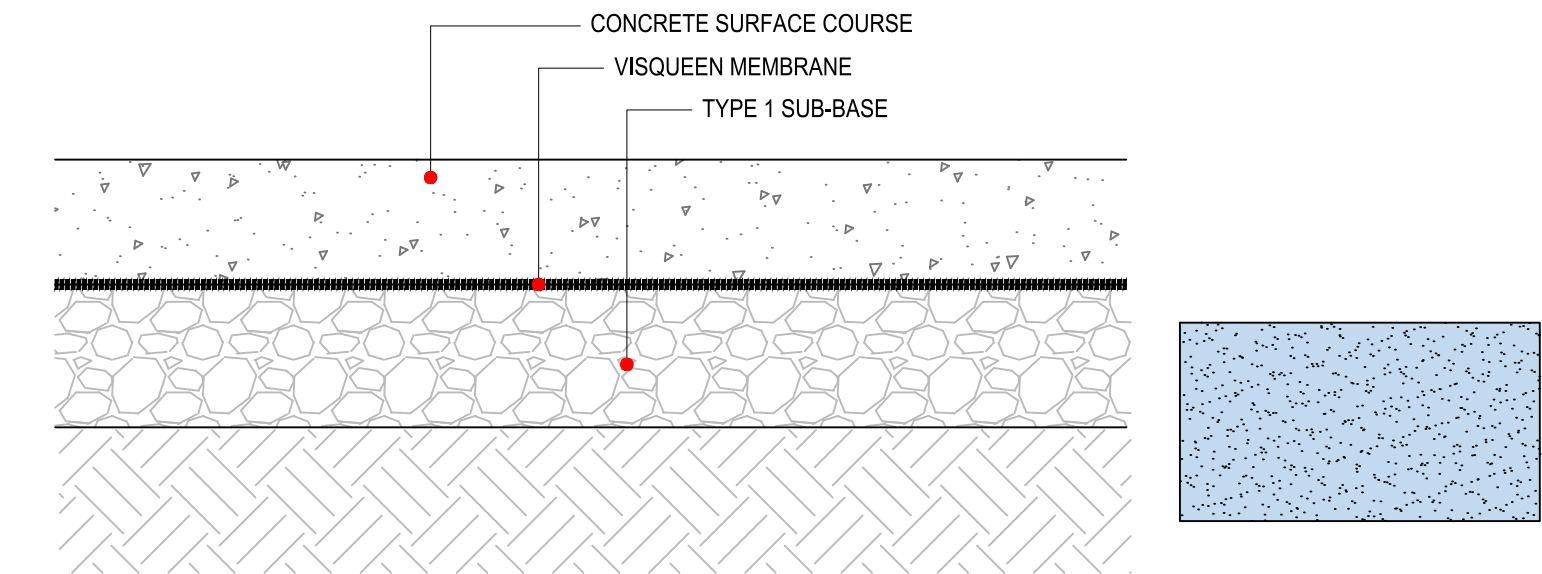
SOFT LANDSCAPING

LAYER	CLAUSE	MATERIAL	BINDER	THICKNESS	SPECIAL REQUIREMENTS
SURFACE		SEED MIX/ TURFING	N/A		TO LANDSCAPE ARCHITECTS SPECIFICATION
TOPSOIL		CLASS 5A OR 5B	N/A	150mm	
FILL		GENERAL FILL MATERIAL	N/A	300mm	FREE FROM CONTAMINATION



SERVICE YARD (CONCRETE)

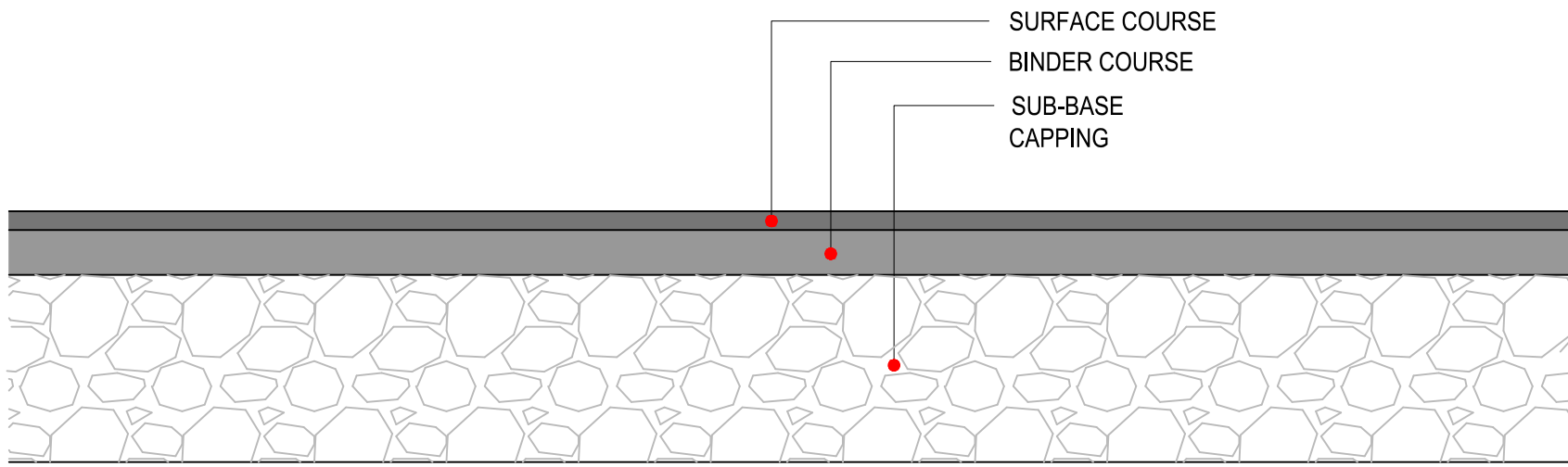
LAYER	CLAUSE	MATERIAL	THICKNESS	SPECIAL REQUIREMENTS
SURFACE COURSE	1001, 1008, 1009 & 1010	CONCRETE SLAB PAV 2 (WITH A252 MESH 50mm COVER) SURFACE COURSE	175mm	TO BS 8500 WITH BRUSHED FINISH INDUCED CONTRACTION JOINT AT 8.0m c/c LOCATIONS TBC BY LANDSCAPE ARCHITECT.
MEMBRANE		POLYTHENE SLIP MEMBRANE, VISQUEEN OR SIMILAR APPROVED		
SUB-BASE	803	GRANULAR SUB BASE TYPE 1	200mm	ASSUMED 5% CBR



CYCLE STORAGE (CONCRETE BASE)

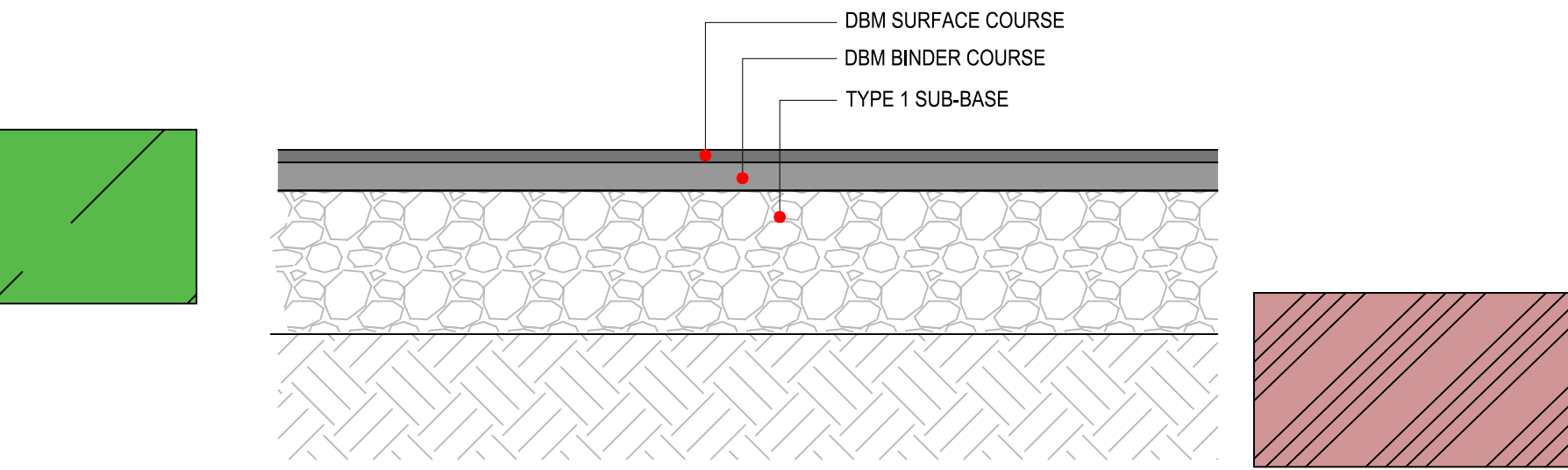
	CLAUSE	MATERIAL	THICKNESS	SPECIAL REQUIREMENTS
SURFACE COURSE	1001	CONCRETE SLAB ST4	100mm	TO BS 8500 INDUCED CONTRACTION JOINT AT 8.0m c/c LOCATIONS TBC BY LANDSCAPE ARCHITECT.
MEMBRANE		POLYTHENE SLIP MEMBRANE, VISQUEEN OR SIMILAR APPROVED		
SUB-BASE	803	GRANULAR SUB BASE TYPE 1	100mm	ASSUMED 5% CBR

NOTE: CONTRACTION JOINTS CENTRES TO BE A MAXIMUM OF 8.0m. POSITION TO BE AGREED WITH LANDSCAPE ARCHITECT.



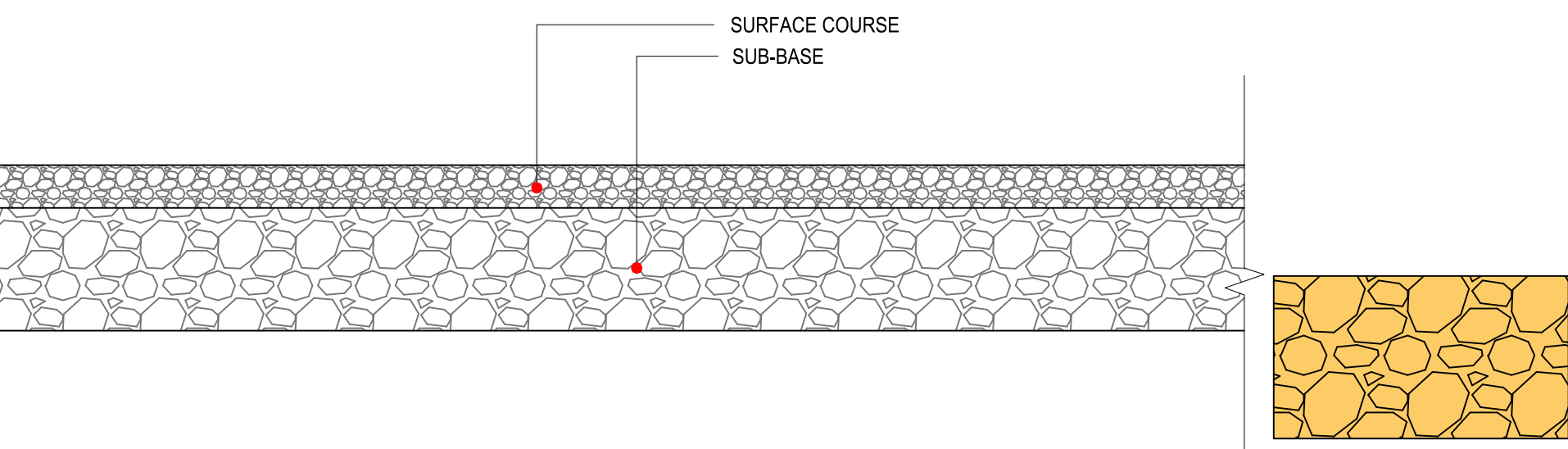
STONE MASTIC ASPHALT (PARKING BAYS)

LAYER	CLAUSE	MATERIAL	BINDER	THICKNESS	SPECIAL REQUIREMENTS
SURFACE COURSE	937	STONE MASTIC ASPHALT SMA 14 SURF	40/60	50mm	COLOURED ASPHALT TO LANDSCAPE ARCHITECTS SPECIFICATION
BINDER COURSE	906	DENSE MACADAM BINDER COURSE AC 20 DENSE BIN	100/150	60mm	BS EN 13108-1
SUB-BASE	803	GRANULAR SUB-BASE TYPE 1	N/A	325mm	ASSUMED 5% CBR



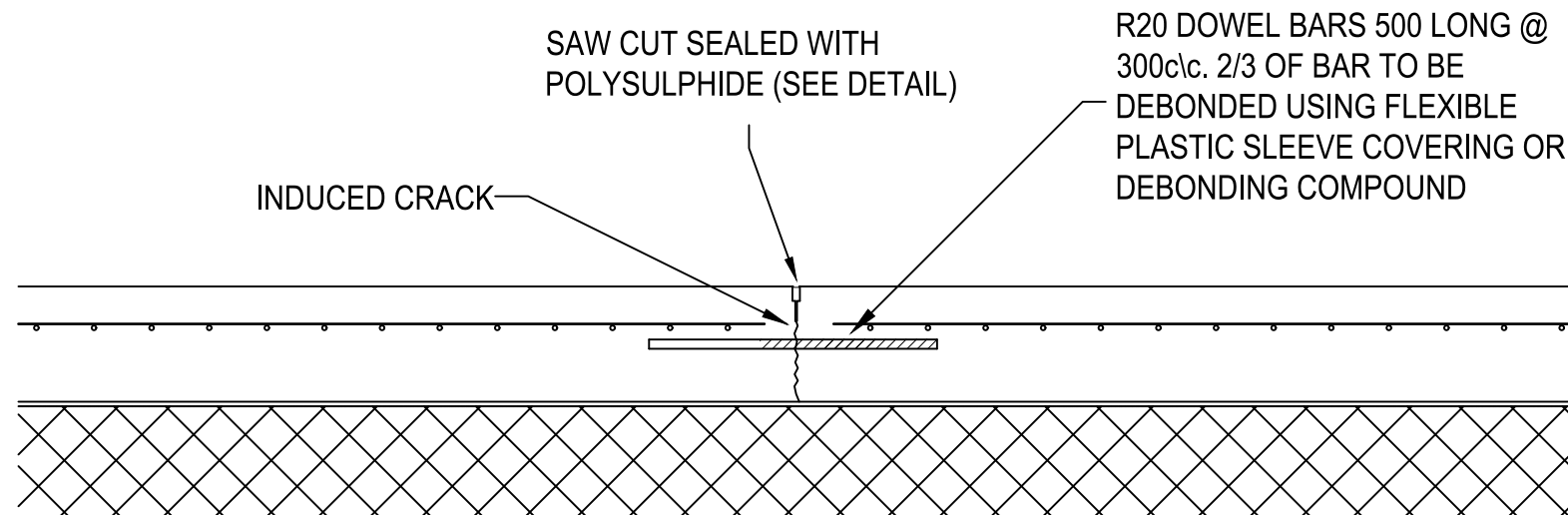
HARD SURFACING (MACADAM PAVEMENT)

LAYER	CLAUSE	MATERIAL	BINDER	THICKNESS	SPECIAL REQUIREMENTS
SURFACE COURSE	1105	DENSE MACADAM SURFACE COURSE AC 6 MED SURF	160/220 PEN	20mm	PD 6691 TABLE B.16
BINDER COURSE	1105	DENSE MACADAM BINDER COURSE AC 20 DENSE BIN	160/220 PEN	45mm	PD 6691 TABLE B.11
SUB-BASE	803	GRANULAR SUB BASE TYPE 1	N/A	325mm	ASSUMED 5% CBR



SELF BINDING GRAVEL

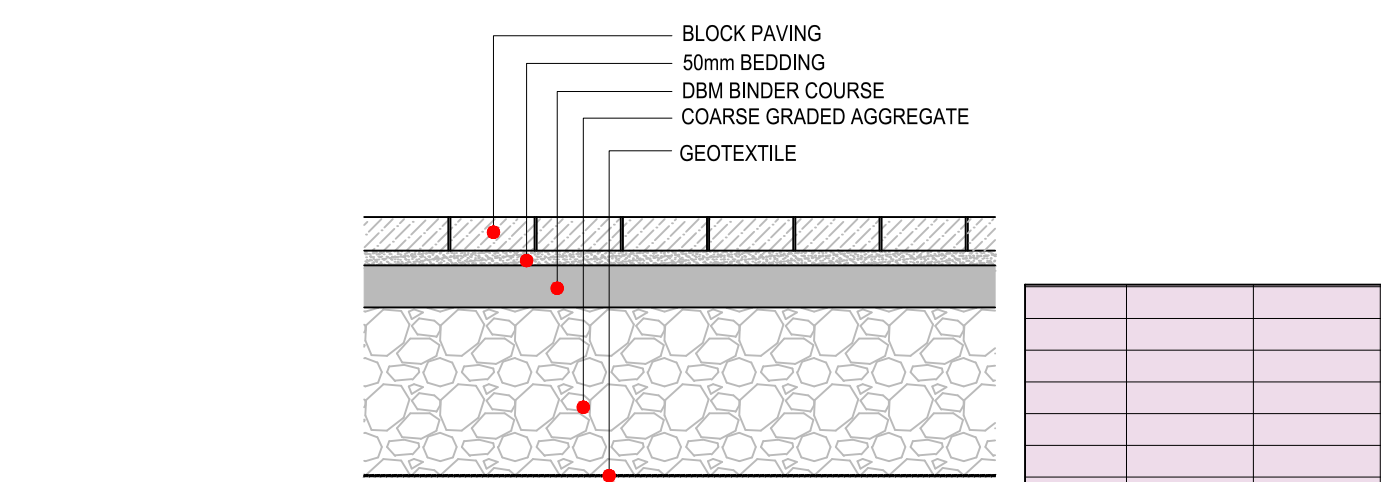
LAYER	CLAUSE	MATERIAL	BINDER	THICKNESS	SPECIAL REQUIREMENTS
SURFACE COURSE		14mm SIZE OPEN GRADED BOUND PROPRIETARY GRAVEL	N/A	70mm	
SUB-BASE	803	TYPE 3 OPEN GRADED GRANULAR SUBBASE	N/A	150mm	



TYPICAL CONTRACTION JOINT (CJ)

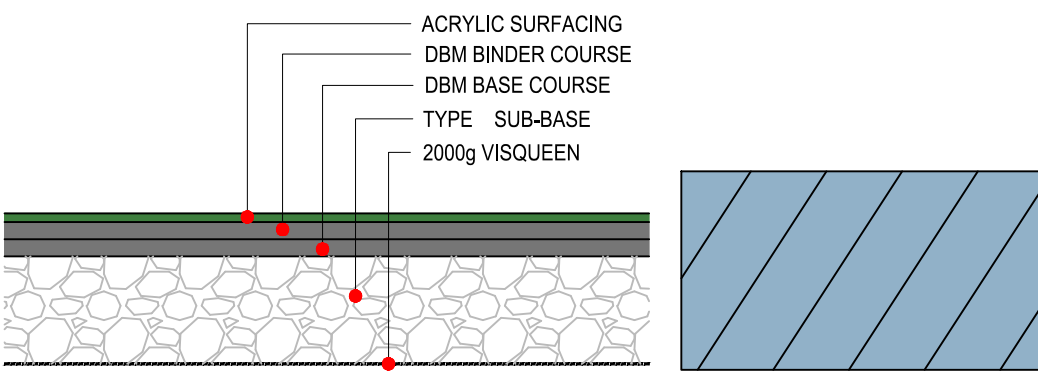
SCALE - 1:20

SAW CUT DETAIL
SCALE - 1:5



BLOCK PAVING (PAVEMENT)

	MATERIAL	BINDER	THICKNESS	SPECIAL REQUIREMENTS
SURFACE COURSE	BLOCK PAVING TO LANDSCAPE ARCHITECTS SPECIFICATION	N/A	80mm	TYPE, DIMENSIONS AND LAYING PATTERN TO BE IN ACCORDANCE WITH THE LANDSCAPE ARCHITECTS DETAILS
BEDDING AND JOINTS	6-3-2.0mm LAYING COURSE TO BS EN 13242:2003	N/A	50mm	JOINT WIDTH TO BE 8mm
ROAD BASE	DENSE MACADAM BINDER COURSE AC 20 DENSE BIN	N/A	100mm	
SUB BASE	COARSE GRADED AGGREGATE TO BS EN 13242:2003	N/A	325mm	ASSUMED 5% CBR
GEOTEXTILE LAYER	TERRAM 1000 OR EQUIVALENT APPROVED	N/A	-	WHERE POOR GROUND IS ENCOUNTERED TO BE INSTRUCTED BY ENGINEER

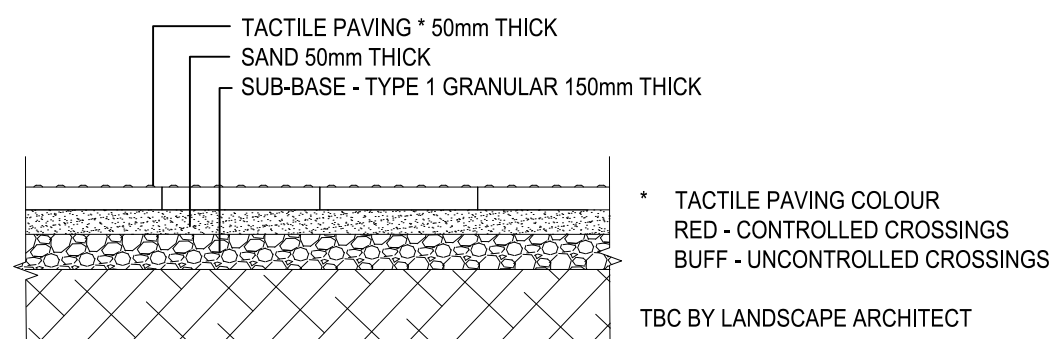
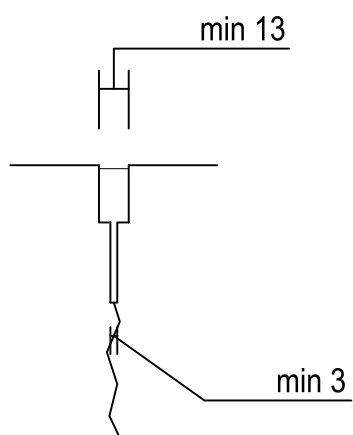


POROUS MACADAM

LAYER	MATERIAL	BINDER	THICKNESS	SPECIAL REQUIREMENTS
SURFACE COURSE	OPEN TEXTURED DENSE MACADAM BINDER COURSE AC 6 DENSE SURF	100/150	25mm	BS EN 13108, PD 6691
BINDER COURSE	OPEN TEXTURED DENSE MACADAM BASE COURSE AC 20 DENSE BIN	N/A	50mm	
SUB-BASE	TYPE 3 OPEN GRADED GRANULAR SUBBASE	N/A	Min 350mm	ASSUMED 5% CBR
MEMBRANE LAYER	IMPERMEABLE MEMBRANE 2000g VISQUEEN	N/A	-	TO BE LAPPED, TAPED AND SEALED ACCORDINGLY

TABLE A- FOUNDATION THICKNESS			
CBR VALUE	SUB-BASE ONLY (mm)	SUB-BASE ON CAPPING	
		SUB-BASE (mm)	CAPPING (mm)
2.50%	450	350	250
3	415	325	240
4	365	275	225
5	325	245	210
6	310	230	205
7	290	215	190
8	270	200	185
9	255	185	180
10	245	175	175
11	235	170	165
12	225	165	160
13	220	160	155
14	210	155	150
>15%	200	150	145

CBR VALUES TO BE CONFIRMED THROUGH INSITU TESTING IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAY WORKS.



TYPICAL TACTILE PAVING CONSTRUCTION
SCALE 1:20

BUILDING DESIGN PARTNERSHIP SHALL HAVE NO RESPONSIBILITY FOR ANY USE MADE OF THIS DOCUMENT OTHER THAN FOR THAT WHICH IT WAS PREPARED AND ISSUED.
ALL DIMENSIONS SHOULD BE CHECKED ON SITE.
DO NOT SCALE FROM THIS DRAWING
ANY DRAWING ERRORS OR DIVERGENCIES SHOULD BE BROUGHT TO THE ATTENTION OF BUILDING DESIGN PARTNERSHIP AT THE ADDRESS SHOWN BELOW.
DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE FOLLOWING BEFORE WORK COMMENCES
• THE CDM DESIGN ISSUES REGISTER
• THE BDP RISK SERIES OF DRAWINGS
• THE PROJECT CDM RISK REGISTER

NOTES

- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT ARCHITECTURAL AND ENGINEERING DETAILS, DRAWINGS AND SPECIFICATIONS.
- ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
- ALL LEVELS ARE IN METRES RELATIVE TO ORDNANCE DATUM.
- WHEN PREPARING FORMATIONS, ALL SOFT SPOTS SHALL BE REMOVED. THE FINAL SURFACE OF ALL FORMATIONS SHALL BE WELL ROLLED, SMOOTH, FREE FROM MOVEMENT UNDER COMPACTION PLANT AND FREE FROM RIDGES, CRACKS, LOOSE MATERIALS, RUTS OR OTHER DEFECTS, TO BE APPROVED BY CLERK OF WORKS
- THE LANDSCAPE ARCHITECT IS TO SPECIFY THE LEVELS AND FALLS REQUIRED.
- THE LANDSCAPE ARCHITECT IS TO CONFIRM FINISHED SURFACE MATERIAL AND JOINTING
- PAVING AND KERB TYPES ARE TO LANDSCAPE ARCHITECT SPECIFICATION.
- THESE DETAILS ARE BASED UPON A CBR VALUE OF 5%. PLEASE REFER TO ADJACENT MATERIAL THICKNESS TABLES SHOULD RECORDED CBR VALUES DIFFER.
- MIN. 450mm THICKNESS FOR FROST SUSCEPTIBILITY I.E. TOTAL BUILD-UP.
- FOR ROUTINE CASES, ALL MATERIAL WITHIN 450MM OF THE ROAD SURFACE SHOULD BE NON FROST SUSCEPTIBLE.
- CBR'S TO BE TAKEN AT REGULAR INTERVALS ACROSS THE SITE. TO BE AGREED WITH SITE MANAGER.

C01 CONSTRUCTION ISSUE	EW	LJ	06/03/20
P04 STAGE 4/CP ISSUE	LJ	DN	09/12/19
P03 DRAFT CP ISSUE	EW	DN	23/10/19
P02 LANDSCAPE BUILDUP AMENDED	OC	DN	13/06/19
P01 CLIENT COMMENTS	OC	DN	10/06/19
FIRST	EW	OC	06/06/19

REVISION	DESCRIPTION	DRAWN	CHECKED	DATE
KEYPLAN				

CLIENT	
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PROJECT TITLE
CS SOUTH

BDP JOB NUMBER P2008475	ISO 9001 CLASSIFICATION Commercial In Confidence
DRAWING TITLE SURFACE BUILD UPS GENERAL ARRANGEMENT SHEET 2 of 2	SCALE @ A1 1:100 DATE FIRST ISSUED 03/06/19
DRAWING NO. FS0765-BDP-XX-XX-DR-C-60010	REVISION C01