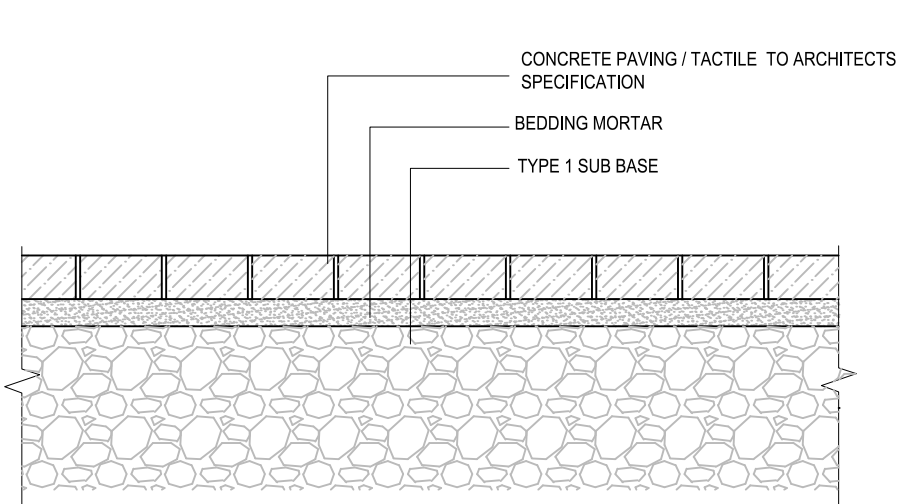
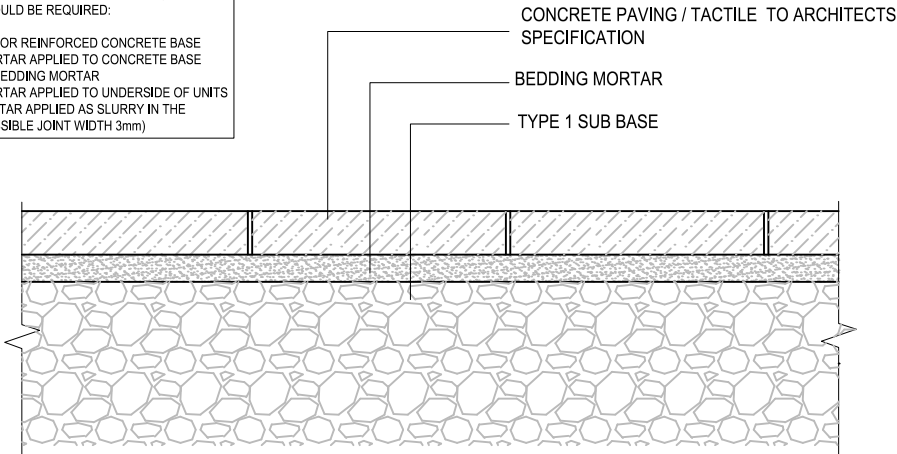




1B PEDESTRIAN PLAZA -
CONCRETE SETTS

LAYER	CLAUSE	MATERIAL	BINDER	THICKNESS	SPECIAL REQUIREMENTS
SURFACE COURSE	-	CONCRETE SETTS TORMORSE OR SIMILAR APPROVED 100 x 100mm L&D STACK BOND (TUFFTOP 8mm JOINT)	N/A	THICKNESS TO BE CONFIRMED BY LANDSCAPE ARCHITECT	BS EN 12412:2012 (MINER A) BS EN 1242, BS 7532-7, BS 7532-10 LAYING PATTERN TO ARCHITECTS DETAILS, JOINTS TO BE PROVIDED AT 640mm IN EACH DIRECTION.
BEDDING AND JOINTING	-	BEDDING MORTAR (TUFFBOND 2-PACK) WITH POLYPROPYLENE MESH REINFORCEMENT (STEINTEC GAPFILL OR SIMILAR) L&D DIRECTLY ON MOT. PRIMING MORTAR (TUFFBOND) APPLIED TO UNDERSIDE OF PAVING ELEMENTS.	N/A	50mm	BS 7532-2:2011, C2 & C2.2 (TABLE C.4 & C.5) 6mm JOINT WIDTH (JOINT WIDTHS TO PAVING TO BE CONFIRMED BY LANDSCAPE ARCHITECT). JOINTS WITHIN JOINTING & BEDDING MORTARS TO MATCH JOINTS IN BASE LAYER.
SUB-BASE	B03	VERY WELL COMPACTED MOT TYPE 1 OR TYPE 3 SUB-BASE. COMPACTION SHOULD BE 100 MPa.	N/A	MIN. 300mm	

IF 18 AREAS ARE SUBJECT TO VEHICULAR OVERLAP, BUILD UP
(ON CONCRETE BASE SHOULD BE REQUIRED):
180mm PA/2 CONCRETE OR REINFORCED CONCRETE BASE
TUFFBOND PRIMING MORTAR APPLIED TO CONCRETE BASE
20mm TUFFBOND 2-PACK BEDDING MORTAR
TUFFBOND PRIMING MORTAR APPLIED TO UNDERSIDE OF UNITS
TUFFTOP JOINTING MORTAR APPLIED AS SLURRY IN THE
(6-10mm JOINTS (MIN POSSIBLE JOINT WIDTH 3mm))

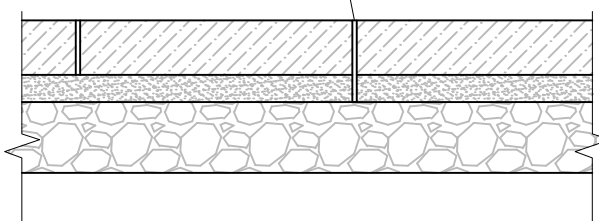


1B PEDESTRIAN PLAZA -
TEXTURED CONCRETE FLAG PAVING

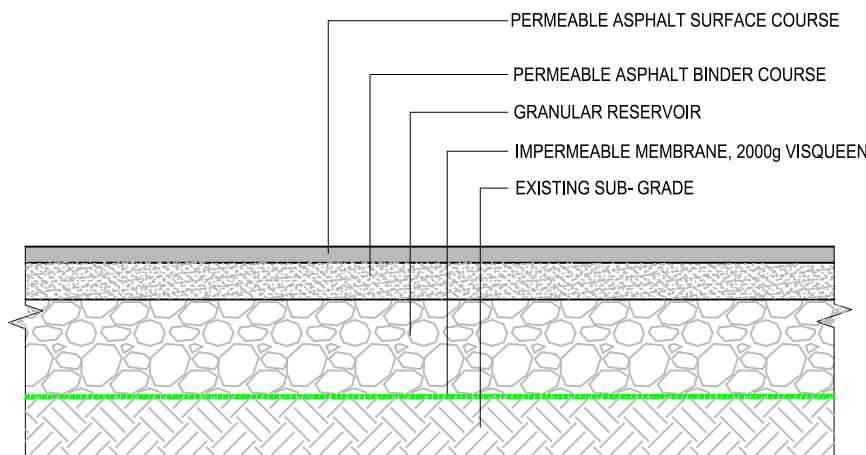
LAYER	CLAUSE	MATERIAL	BINDER	THICKNESS	SPECIAL REQUIREMENTS
SURFACE COURSE	-	TEXTURED CONCRETE FLAG PAVING (TACTILE TORMORSE OR SIMILAR APPROVED) 400 x 400mm L&D STRETCHER BOND (TUFFTOP 8mm JOINT)	N/A	THICKNESS TO BE CONFIRMED BY LANDSCAPE ARCHITECT	BS EN 12412:2012 (MINER A) BS EN 1242, BS 7532-7, BS 7532-10 LAYING PATTERN TO ARCHITECTS DETAILS, JOINTS TO BE PROVIDED AT 640mm IN EACH DIRECTION.
BEDDING AND JOINTING	-	BEDDING MORTAR (TUFFBOND 2-PACK) WITH POLYPROPYLENE MESH REINFORCEMENT (STEINTEC GAPFILL OR SIMILAR) L&D DIRECTLY ON MOT. PRIMING MORTAR (TUFFBOND) APPLIED TO UNDERSIDE OF PAVING ELEMENTS.	N/A	50mm	BS 7532-2:2011, C2 & C2.2 (TABLE C.4 & C.5) 6mm JOINT WIDTH (JOINT WIDTHS TO PAVING TO BE CONFIRMED BY LANDSCAPE ARCHITECT). JOINTS WITHIN JOINTING & BEDDING MORTARS TO MATCH JOINTS IN BASE LAYER.
SUB-BASE	B03	VERY WELL COMPACTED MOT TYPE 1 OR TYPE 3 SUB-BASE. COMPACTION SHOULD BE 100 MPa.	N/A	MIN. 300mm	

8mm COMPRESSIBLE MATERIAL
WITH SEALANT TO LANDSCAPE
ARCHITECTS SPECIFICATION

CONTRACTION JOINTS INSTALLED EVERY
6m-9m IN BOTH DIRECTIONS AS WELL AS IN
GEOMETRICALLY WEAK POINTS LIKE
CHANGES IN FALLS, LAY DIRECTIONS ETC. TO
BE AGREED WITH LANDSCAPE ARCHITECT.

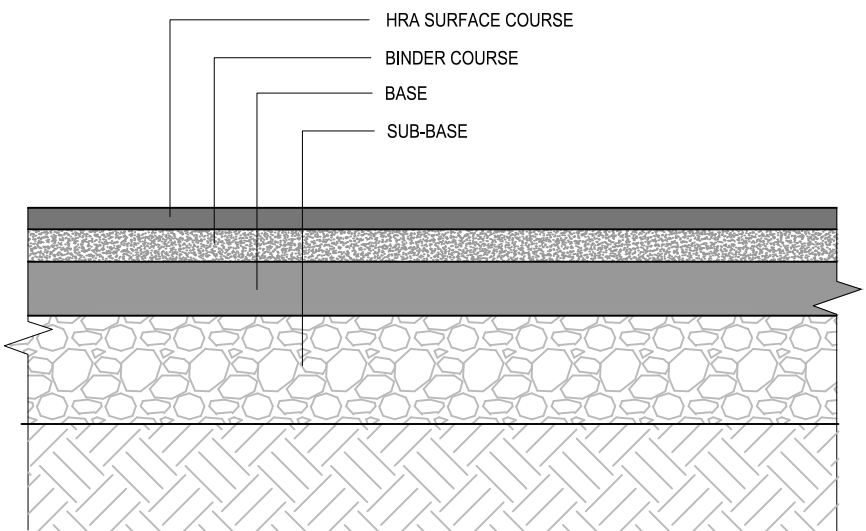


TYPICAL CONTRACTION JOINT



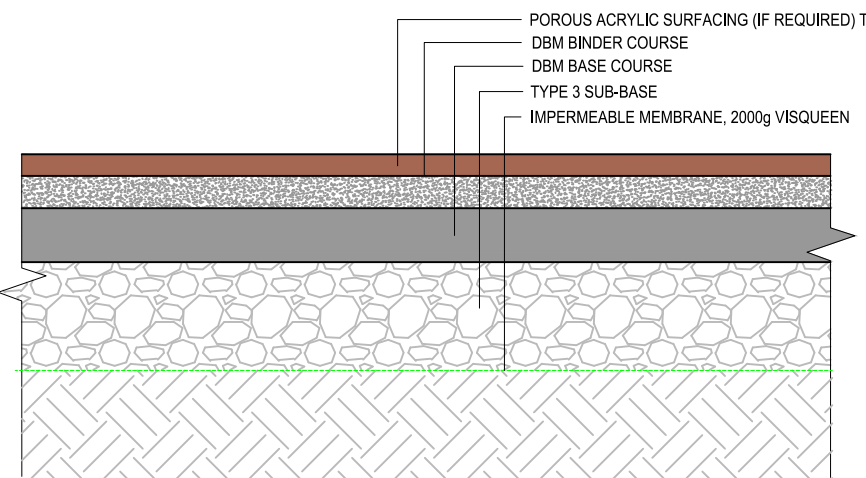
1A - PERMEABLE CAR PARKING
PERMEABLE ASPHALT

LAYER	CLAUSE	MATERIAL	BINDER	THICKNESS	SPECIAL REQUIREMENTS
SURFACE COURSE	-	PERMEABLE ASPHALT SURFACE COURSE	N/A	25mm	
BEDDING AND JOINTING	-	PERMEABLE ASPHALT BINDER	N/A	60mm	
GRANULAR STORAGE	-	GRANULAR RESERVOIR - SINGLE SIZE AGGREGATE	N/A	400mm	DEPTH BASED ON 30% VOID RATIO.
MEMBRANE	-	2000 GRAMME IMPERMEABLE LINER (OR SIMILAR APPROVED)	N/A	-	



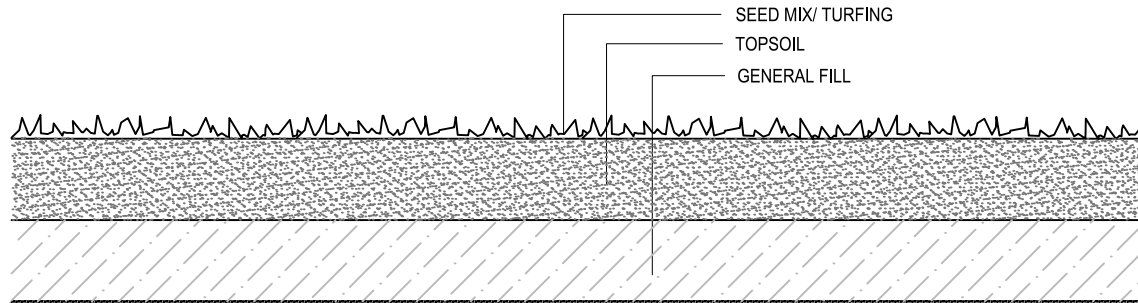
1A - VEHICULAR ACCESS & CAR PARKING
HOT ROLLED ASPHALT

LAYER	CLAUSE	MATERIAL	BINDER	THICKNESS	SPECIAL REQUIREMENTS
SURFACE COURSE	-	HOT ROLLED ASPHALT	100/100	35mm	(HRA 40/60 100 / 220 (IF HAND LAYED))
BINDER COURSE	-	AC20 DENSE BM	100/100	60mm	(100 / 220 BINDER MAY BE USED IN WINTER WHEN HAND LAYING)
BASE COURSE	-	AC20 DENSE BM	100/100	150mm	(100 / 220 BINDER MAY BE USED IN WINTER WHEN HAND LAYING)
SUB-BASE	B03/B04/B05	TYPE 1 UNBOUND MIXTURES	N/A	225mm	SLURRY CLAUSE DEPENDANT ON MIXTURE CONTENT. CAPPING LAYER AS REQUIRED.



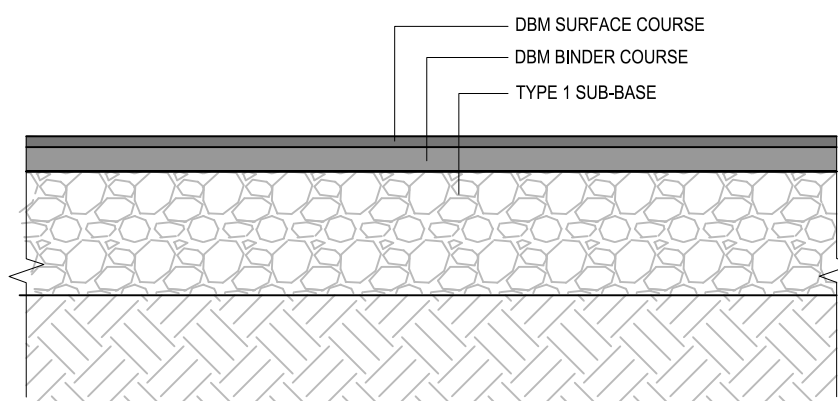
1C -POROUS MACADAM - MUGA

LAYER	MATERIAL	BINDER	THICKNESS	SPECIAL REQUIREMENTS
SURFACE COURSE	OPEN TEXTURED DENSE MACADAM BINDER COURSE AC 20 DENSE SURF	100/100	25mm	BS EN 13108, PD 6891
BINDER COURSE	OPEN TEXTURED DENSE MACADAM BASE COURSE AC 20 DENSE BM	N/A	50mm	
SUB-BASE	TYPE 3 OPEN GRADED GRANULAR SUB-BASE	N/A	350mm	30% VOID RATIO
MEMBRANE LAYER	IMPERMEABLE MEMBRANE 2000g VISQUEEN	N/A	-	TO BE LAPPED, TAPED AND SEALED ACCORDINGLY



SOFT LANDSCAPING

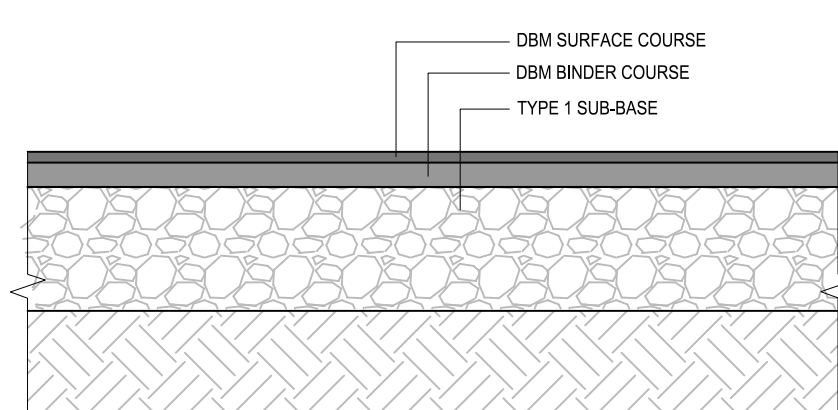
LAYER	CLAUSE	MATERIAL	BINDER	THICKNESS	SPECIAL REQUIREMENTS
SURFACE		SEED MIX TURFING	N/A		TO LANDSCAPE ARCHITECTS SPECIFICATION
TOPSOIL		CLASS 5A OR 5B	N/A	150mm	
FILL		GENERAL FILL MATERIAL	N/A	300mm	FREE FROM CONTAMINATION



1D - PLAYGROUND & PEDESTRIAN FOOTPATH

LAYER	CLAUSE	MATERIAL	BINDER	THICKNESS	SPECIAL REQUIREMENTS
SURFACE COURSE	1105	DENSE MACADAM SURFACE COURSE AC 14 MED SURF	160/220 PEN	20mm	PD 6891 TABLE B.1.6
BINDER COURSE	1105	DENSE MACADAM BINDER COURSE AC 20 DENSE BM	160/220 PEN	50mm	PD 6891 TABLE B.1.1
SUB-BASE	B03	GRANULAR SUB-BASE TYPE 1	N/A	150mm	

BUILDUPS FOR ISOLATED IMPERMEABLE PARKING BAYS TO BE THE ABOVE MATERIALS BUT
SURFACE COURSE TO BE 30mm, BINDER COURSE TO BE 60mm AND SUB-BASE TO BE 225mm THICK.



1D* - PLAYGROUND & PEDESTRIAN FOOTPATH
WITH EMERGENCY/ MEWP VEHICULAR ACCESS

LAYER	CLAUSE	MATERIAL	BINDER	THICKNESS	SPECIAL REQUIREMENTS
SURFACE COURSE	1105	DENSE MACADAM SURFACE COURSE AC 14 MED SURF	160/220 PEN	30mm	PD 6891 TABLE B.1.6
BINDER COURSE	1105	DENSE MACADAM BINDER COURSE AC 20 DENSE BM	160/220 PEN	80mm	PD 6891 TABLE B.1.1
SUB-BASE	B03	GRANULAR SUB-BASE TYPE 1	N/A	225mm	

IF FOOTPATH TO ENCOUNTER REGULAR USE BY VEHICLES, BINDER COURSE TO
BE REDUCED TO 50mm, WITH THE ADDITION OF A 75mm THICK AC BASE COURSE.

NOTE:
FOR TYPICAL INTERNAL SLAB CONSTRUCTION INFORMATION REFER TO BDP
DRAWING- SUBSTRUCTURE TYPICAL DETAILS - 009433-BDP-01-ZZ-DR-S-160301
FOR SPORTS PITCH CONSTRUCTION BUILD UP REFER TO BDP DRAWING-
TYPICAL DRAINAGE DETAILS SHEET 2 of 2 - 009433-BDP-01-XX-DR-C-520302

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 DIVERGENCES SHOULD BE BROUGHT TO THE ATTENTION
OF BUILDING DESIGN PARTNERSHIP AT THE ADDRESS SHOWN BELOW.

- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ALL
OTHER RELEVANT ARCHITECTURAL AND ENGINEERING
DETAILS, DRAWINGS AND SPECIFICATIONS.
- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS NOTED
OTHERWISE.
- ALL LEVELS ARE IN METRES RELATIVE TO ORDNANCE DATUM.
- THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH
SPACE ARCHITECTS HARD LANDSCAPE PLAN DRAWING -
01-XX-DR-L-910013
- THE ARCHITECT IS TO SPECIFY FINISHED SURFACE MATERIAL.
UNIT SIZES TO COMPLY WITH PAVEMENT DETAILS SHOWN ON
01-XX-DR-L-910013 AND THE REQUIREMENTS OF BS 7533.
- THE ARCHITECT IS TO SPECIFY THE LEVELS AND FALLS
REQUIRED.
- PAVING AND KERB TYPES ARE TO ARCHITECT SPECIFICATION.
- PAVING NOT TO BE TRAFFICKED UNTIL ANY CBGM HAS
ACHIEVED ITS 28 DAY STRENGTH.
- ALL MATERIAL WITHIN 450MM OF THE ROAD SURFACE SHOULD
BE NON FROST SUSCEPTIBLE.
- SUB-BASE TO TYPE 1 IN ACCORDANCE WITH CLAUSE 803 OF
THE SHW.
- JOINT WIDTHS TO BE CONFIRMED BY THE LANDSCAPED
ARCHITECT. PROPRIETARY MORTAR JOINTS (STEINTEC
TUFFTOP JOINTING MORTAR) ACHIEVING A MINIMUM
COMPRESSIVE STRENGTH OF 40N/mm². LAYING TO BE
CARRIED OUT AS MANUFACTURERS REQUIREMENTS.
- BEDDING MORTAR THICKNESS TO BE AS SPECIFIED.
PROPRIETARY BINDER (STEINTEC TUFFBOND 2-PACK BEDDING
MORTAR) TO ACHIEVE A MINIMUM COMPRESSIVE STRENGTH
OF 35N/mm². LAYING TO BE CARRIED OUT AS
MANUFACTURERS REQUIREMENTS.
- STEINTEC TUFFBOND PRIMING MORTAR TO BE APPLIED TO
THE UNDERSIDE OF THE PAVING SETTS AND ANY CBGM BASE
TO ENSURE A GOOD BOND.
- 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
- CBR'S TO BE TAKEN AT REGULAR INTERVALS ACROSS THE
SITE. TO BE AGREED WITH THE ENGINEER PRIOR TO
COMMENCEMENT OF PAVING WORKS.

* FIRST EW LJ 30/04/21

REVISION DESCRIPTION DRAWN CHECKED DATE

REV PLAN

CLIENT

SCALE

11 Ducie Street

PO BOX 85

Picadilly Basin

Manchester

M60 3JA

United Kingdom

T +44 [0]161 828 2200

www.bdp.com

PROJECT TITLE

HYDE ROAD SCHOOL

REV ORIGINATOR

P3001502

REV ORIGINATOR

COMMERCIAL IN CONFIDENCE

DRAWING TITLE

CONSTRUCTION BUILD UPS

SCALE

As noted @ A1

DATE

30/04/21

DRAWING NO.

009433-BDP-01-XX-DR-C-520303

REVISION

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