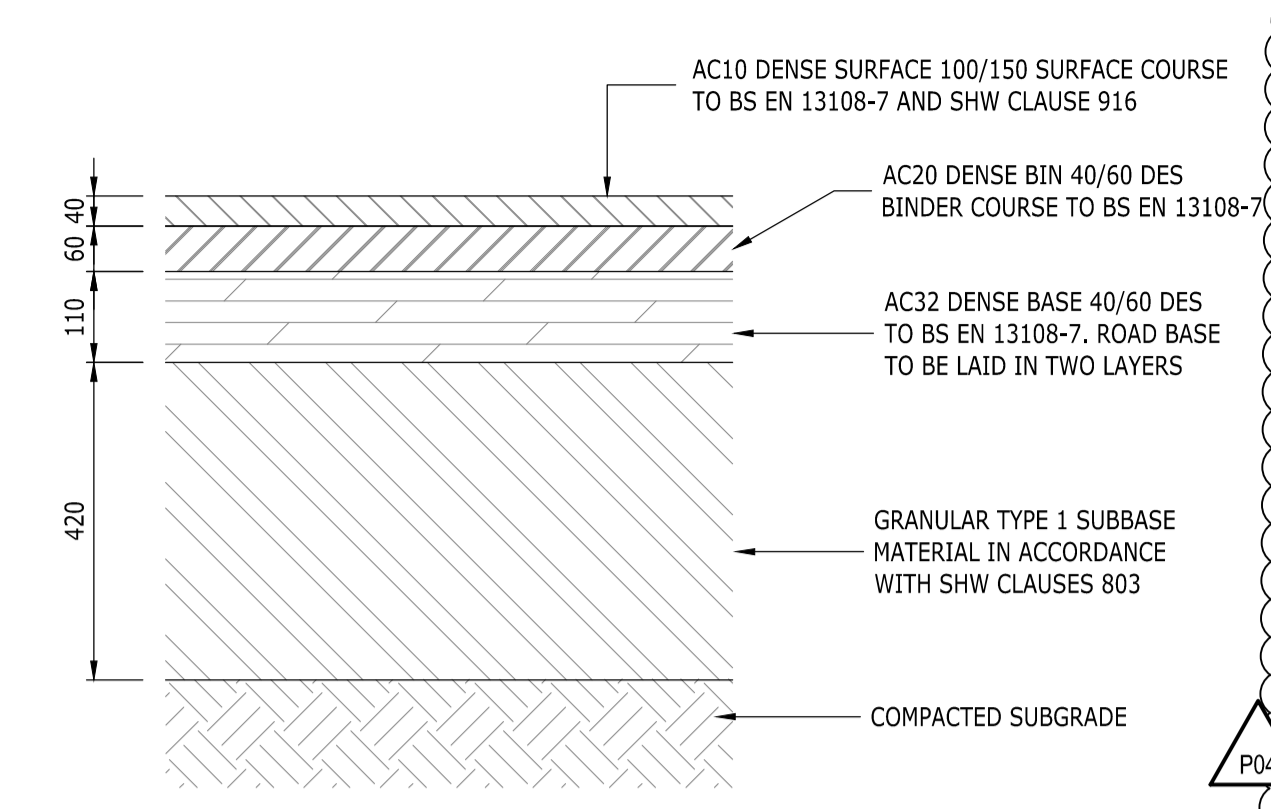


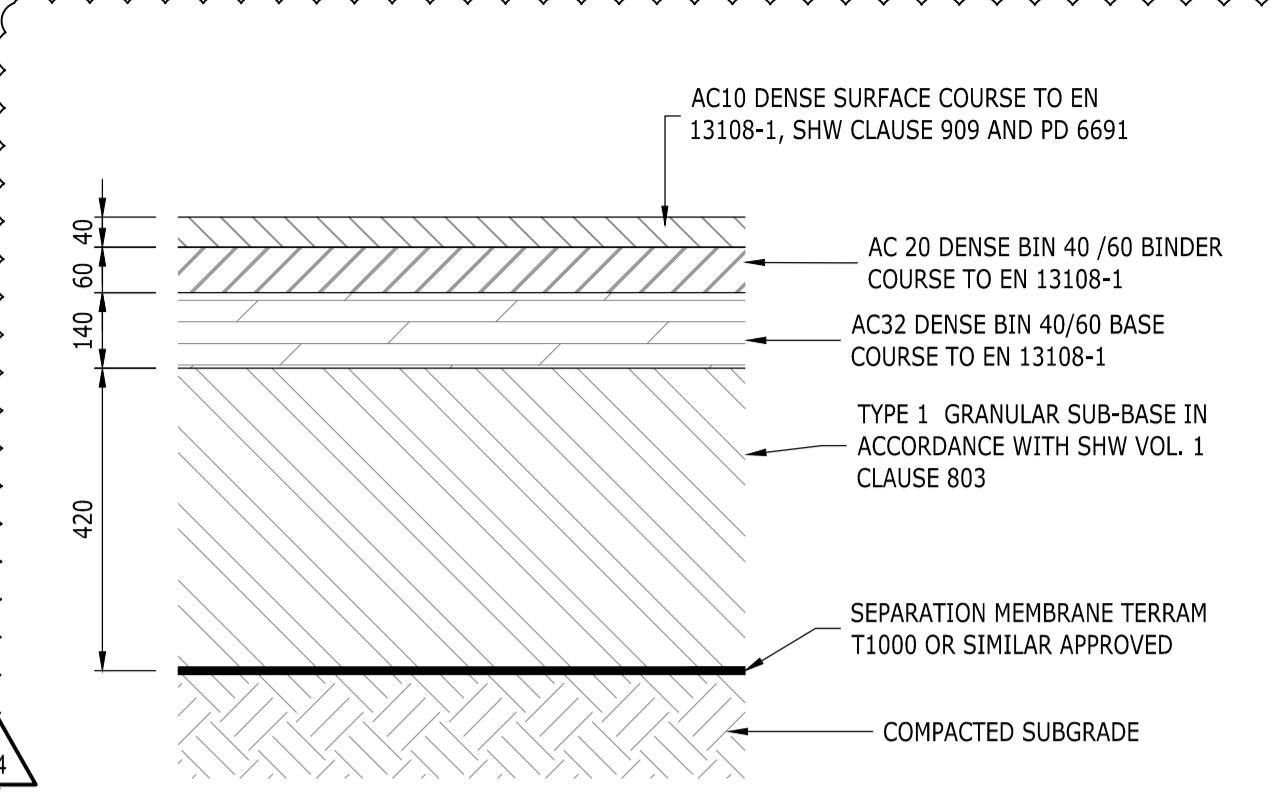
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- Notes
- THIS DRAWING IS NOT TO BE SCALED.
  - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTURAL, STRUCTURAL AND M&E DRAWINGS.
  - THIS IS NOT AN INSTALLATION DRAWING NOR A CO-ORDINATION DRAWING.
  - REFER TO DRAWING
    - BBSP-RAMB-CP-XX-DR-C-000110 FOR CONSTRUCTION AREAS
    - BBSP-RAMB-ZB-XX-DR-C-000101 FOR SURFACE WATER DRAINAGE LAYOUT
    - BBSP-RAMB-ZC-XX-DR-C-000103 FOR SURFACE WATER DRAINAGE LAYOUT
    - BBSP-RAMB-CP-XX-DR-C-000410 TO 000413 FOR TYPICAL DRAINAGE DETAILS
  - THE PAVEMENT DETAILS PROVIDED ARE TYPICAL, AND SUBJECT TO DETAIL DESIGN AND ASSESSMENT IN THE FOLLOWING DESIGN STAGE.



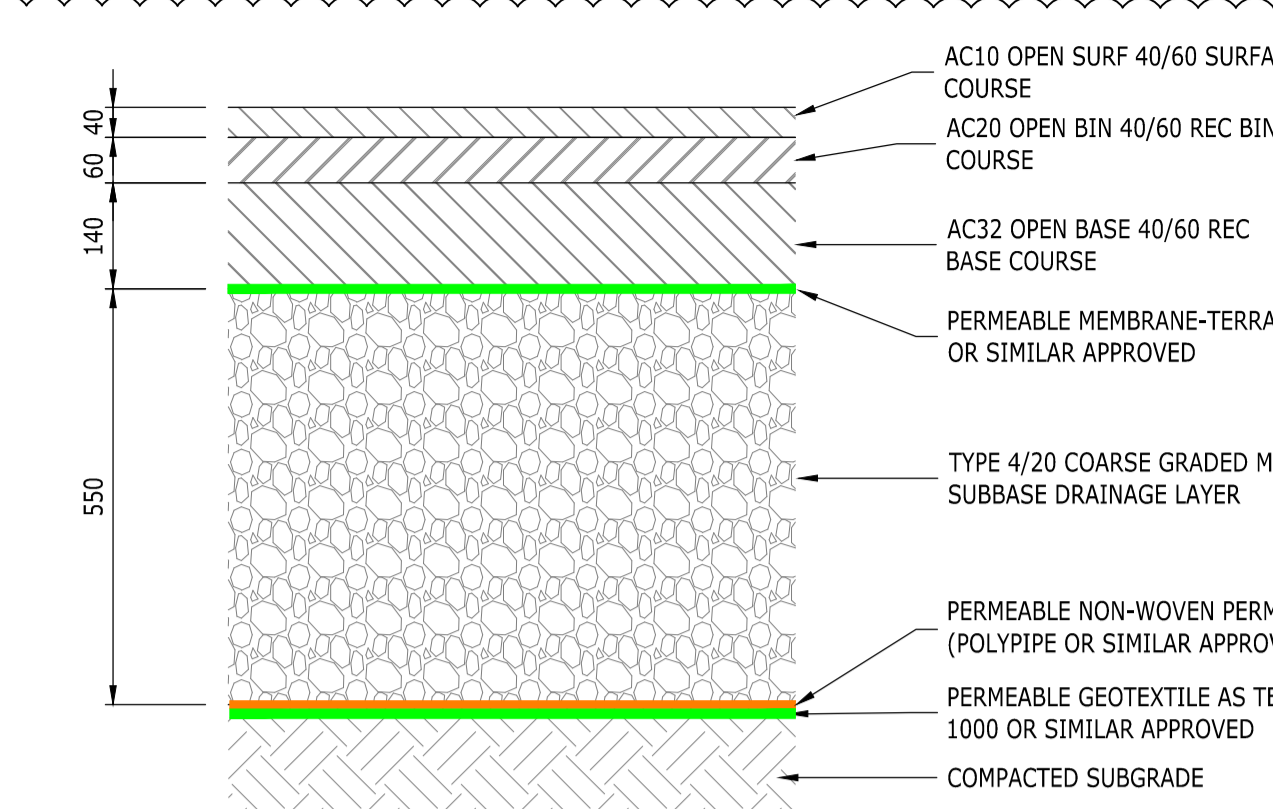
- DESIGN IN ACCORDANCE WITH DMRB VOLUME 7 CD, 225 AND 226
- BS594987:2007
- DESIGNED TO ACCOMMODATE MIN. 1.0 msa
- ASSUMED 2.5% CBR VALUE. SUB-BASE THICKNESS MAY CHANGE UPON CONFIRMATION OF CBR VALUE.

**PT1 - ASPHALT CONCRETE PAVEMENT (IMPERMEABLE, VEHICULAR LOADING)**



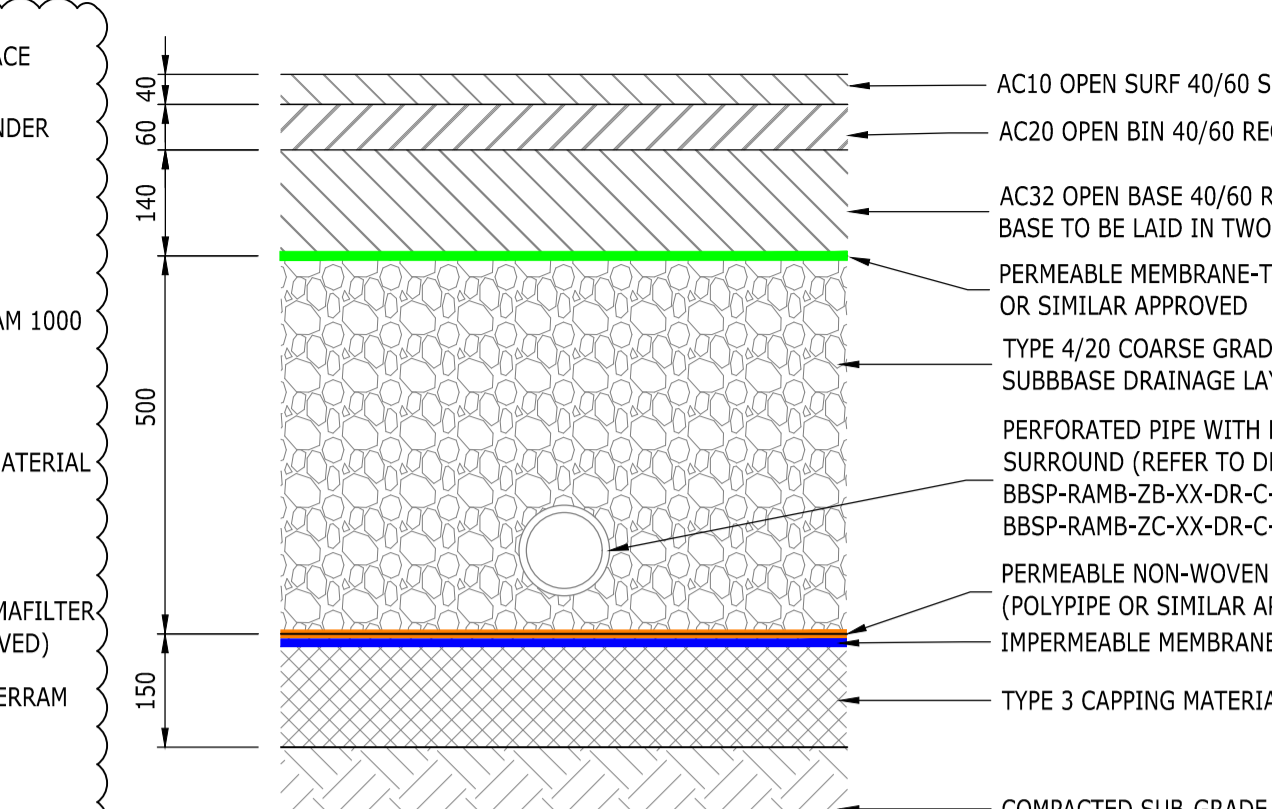
- DESIGN IN ACCORDANCE WITH DMRB VOLUME 7 CD, 225 AND 226
- BS594987:2007
- DESIGNED TO ACCOMMODATE MIN. 1.0 msa
- ASSUMED 2.5% CBR VALUE. SUB-BASE THICKNESS MAY CHANGE UPON CONFIRMATION OF CBR VALUE
- SUITABLE FOR OCCASIONAL FARM VEHICLE ACCESS (3-4 TIMES PER YEAR)

**PT1A - ASPHALT CONCRETE PAVEMENT (IMPERMEABLE, VEHICULAR LOADING, FARM VEHICLE ACCESS)**



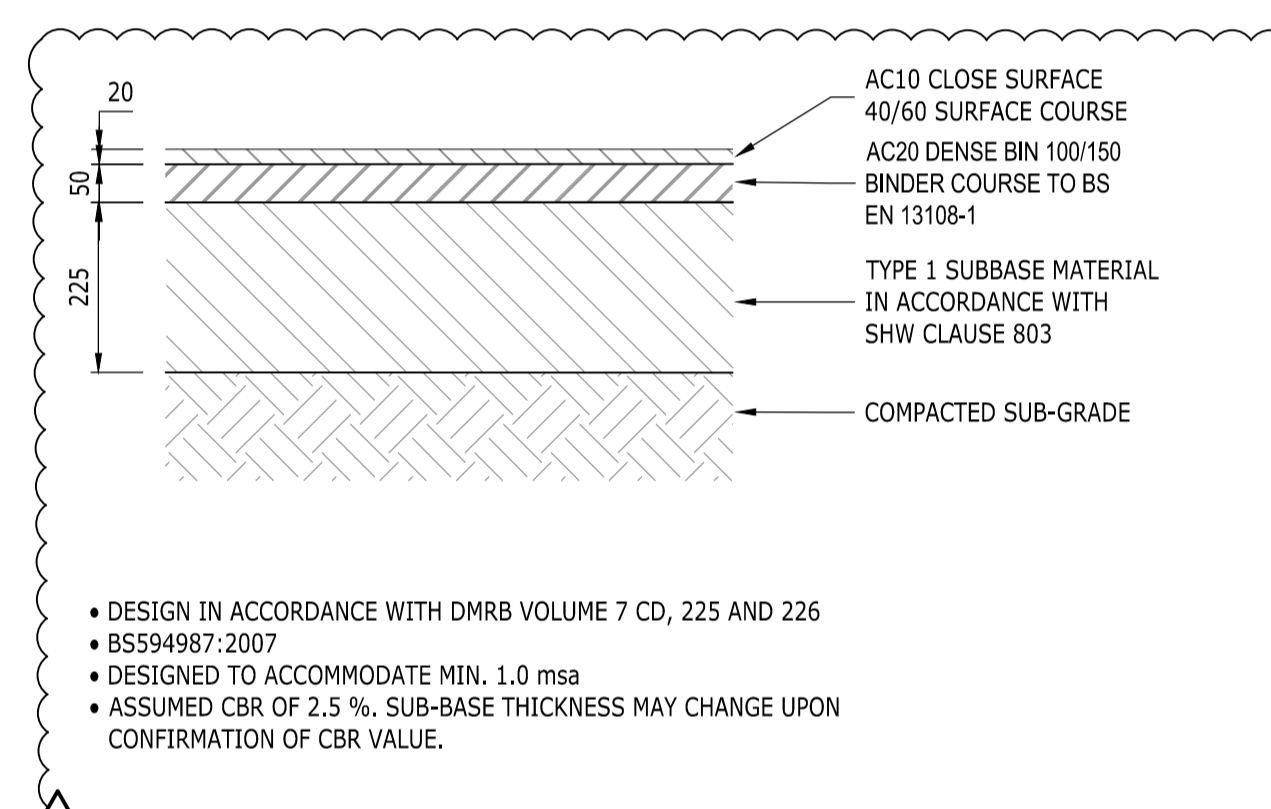
- DESIGN IN ACCORDANCE WITH DMRB VOLUME 7 CD, 225 AND 226, AND BS 7533-13 (2009)
- BS594987:2007, DESIGNED TO ACCOMMODATE MIN. 1.0 msa
- ASSUMED 2.5% CBR VALUE. SUB-BASE THICKNESS MAY CHANGE UPON CONFIRMATION OF CBR VALUE.
- FOR EXISTING AREAS AS NOTED ON DRG 1620011508-RAM-XX-XX-DR-C-00500, CONTRACTOR TO CONFIRM EXISTING PAVEMENT CONDITION AND BUILD-UP. IF EXISTING PAVEMENT CONDITION IS NOT ADEQUATE, FULL DEPTH RECONSTRUCTION REQUIRED.
- PAVEMENT BUILD-UP SUITABLE FOR SURFACE WATER INFILTRATION TO GROUND

**PT2 - ASPHALT CONCRETE (POROUS) PAVEMENT (PERMEABLE, LIGHT VEHICULAR LOADING)**



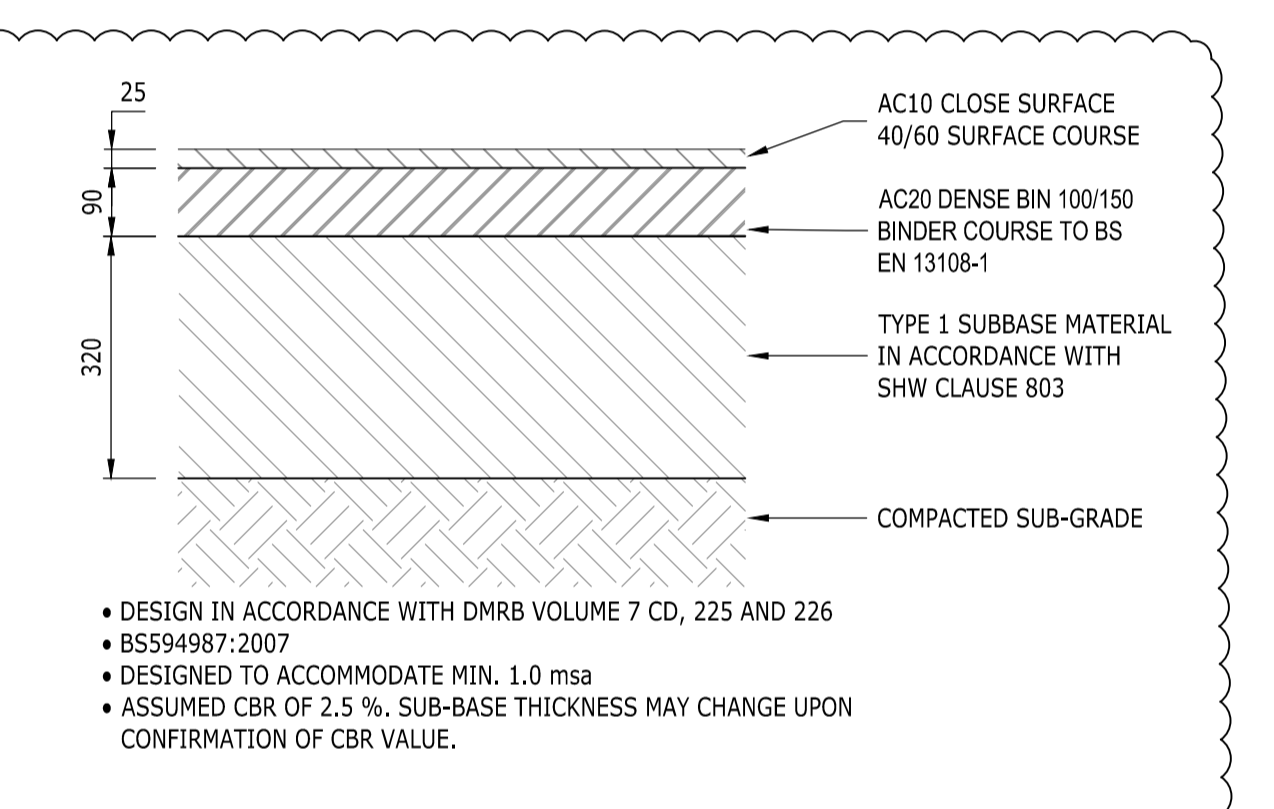
- DESIGN IN ACCORDANCE WITH DMRB VOLUME 7 CD, 225 AND 226
- BS594987:2007
- DESIGNED TO ACCOMMODATE MIN. 1.0 msa
- ASSUMED CBR OF 2.5 %. SUB-BASE THICKNESS MAY CHANGE UPON CONFIRMATION OF CBR VALUE.
- PAVEMENT BUILD-UP SUITABLE FOR SURFACE WATER ATTENUATION AND CONVEYANCE TO A NEARBY BELOW GROUND GEOCELLULAR SOAKAWAY TANK

**PT3 - ASPHALT CONCRETE (POROUS) PAVEMENT (IMPERMEABLE WITH PERFORATED PIPE, LIGHT VEHICULAR LOADING)**



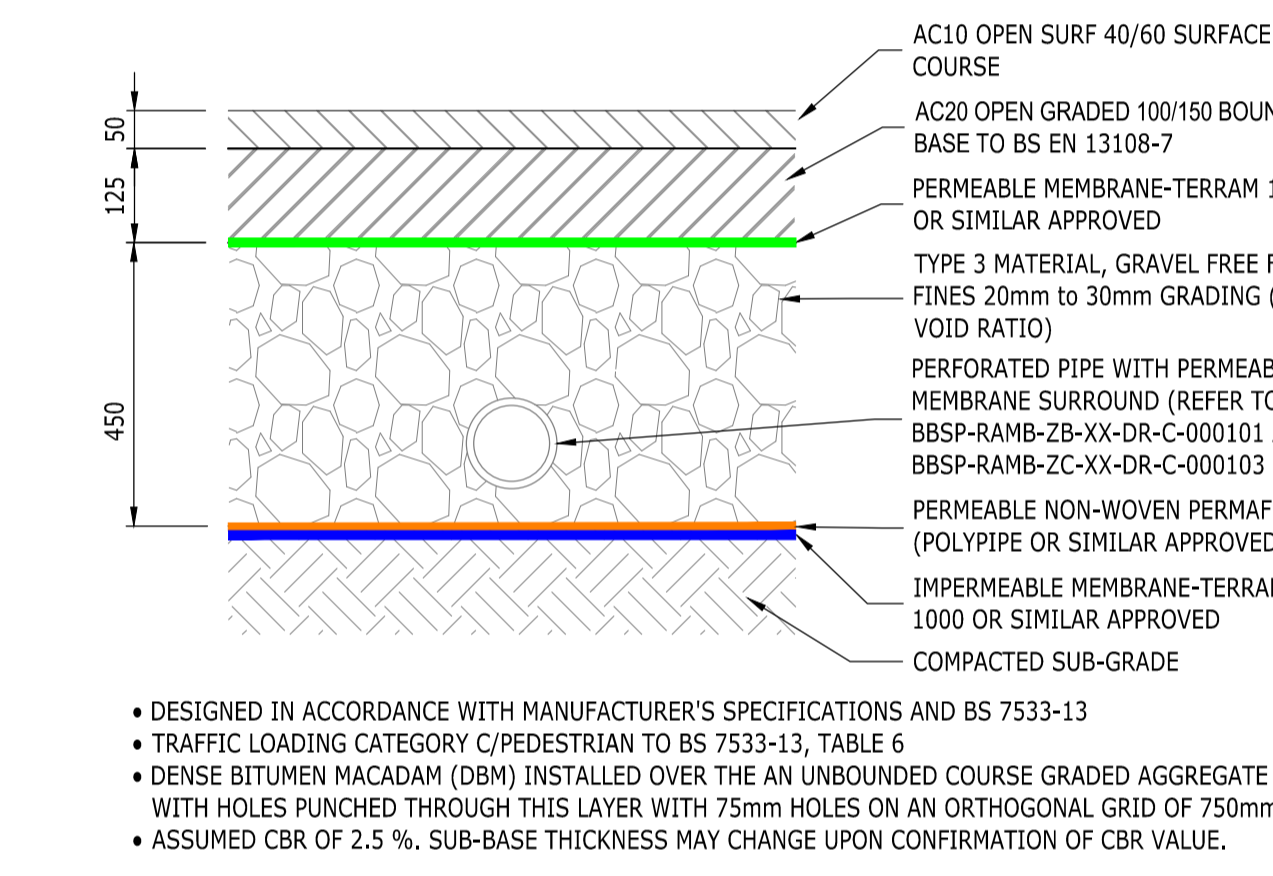
- DESIGN IN ACCORDANCE WITH DMRB VOLUME 7 CD, 225 AND 226
- BS594987:2007
- DESIGNED TO ACCOMMODATE MIN. 1.0 msa
- ASSUMED CBR OF 2.5 %. SUB-BASE THICKNESS MAY CHANGE UPON CONFIRMATION OF CBR VALUE.

**PT4 - ASPHALT CONCRETE PAVEMENT (IMPERMEABLE, PEDESTRIAN / CYCLE PATHS)**



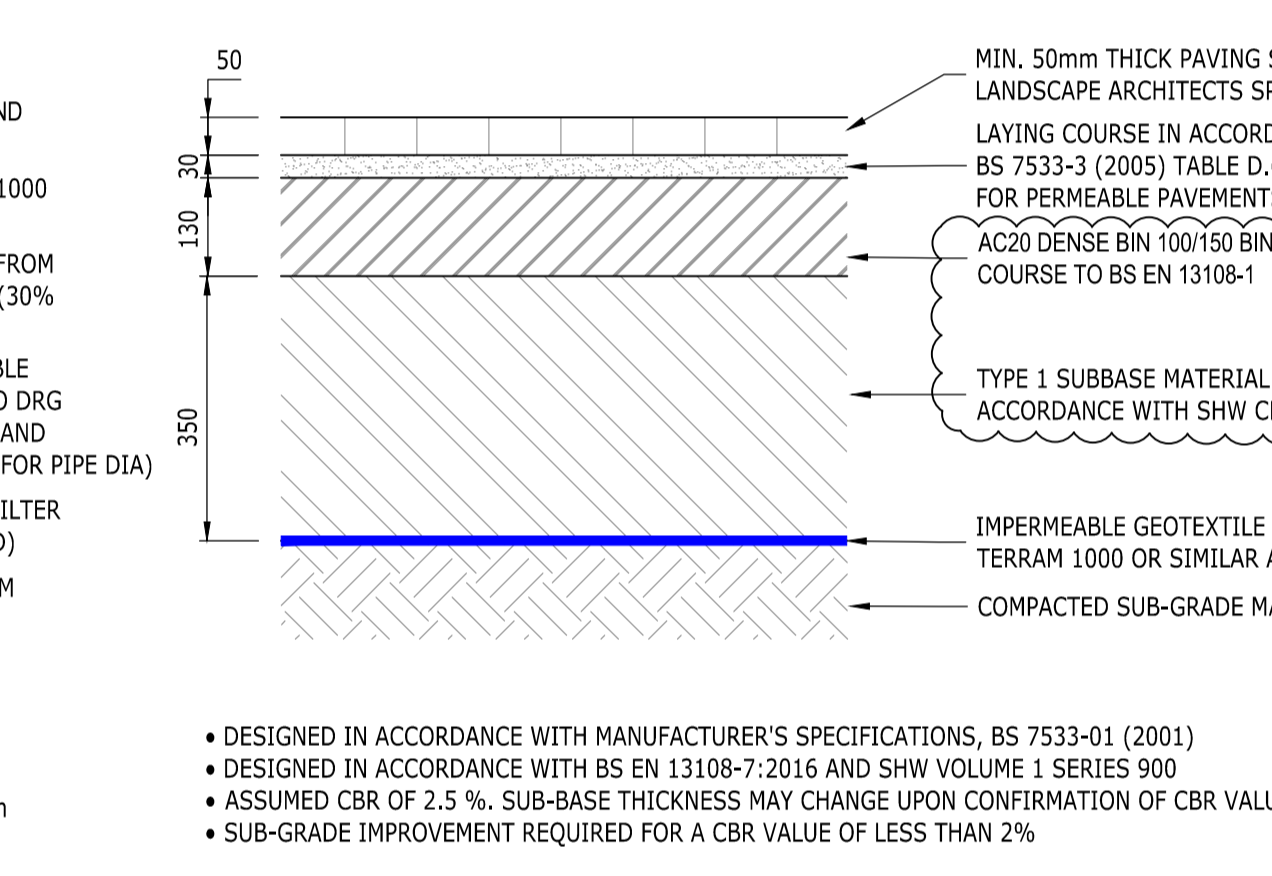
- DESIGN IN ACCORDANCE WITH DMRB VOLUME 7 CD, 225 AND 226
- BS594987:2007
- DESIGNED TO ACCOMMODATE MIN. 1.0 msa
- ASSUMED CBR OF 2.5 %. SUB-BASE THICKNESS MAY CHANGE UPON CONFIRMATION OF CBR VALUE.

**PT4A - ASPHALT CONCRETE PAVEMENT (IMPERMEABLE, PEDESTRIAN/CYCLE PATHS, MEWP OVERRUN)**



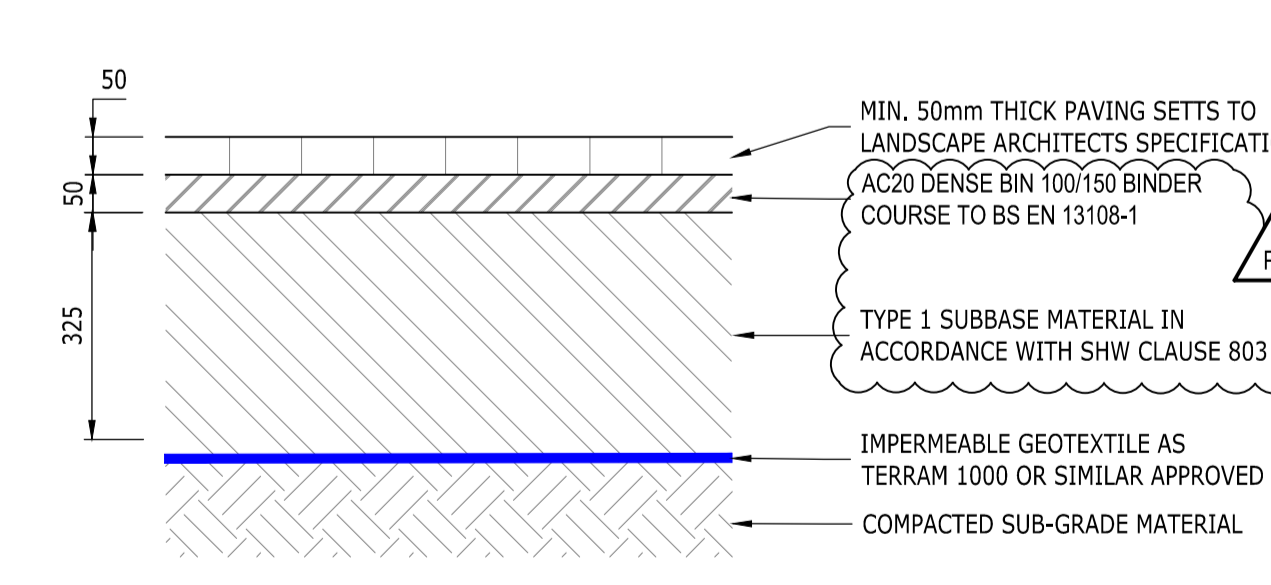
- DESIGNED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND BS 7533-13
- TRAFFIC LOADING CATEGORY C/PEDESTRIAN TO BS 7533-13, TABLE 6
- DENSE BITUMEN MACADAM (DBM) INSTALLED OVER THE AN UNBOUNDED COURSE GRADED AGGREGATE WITH HOLES PUNCHED THROUGH THIS LAYER WITH 75mm HOLES ON AN ORTHOGONAL GRID OF 750mm
- ASSUMED CBR OF 2.5 %. SUB-BASE THICKNESS MAY CHANGE UPON CONFIRMATION OF CBR VALUE.

**PT5 - ASPHALT CONCRETE (POROUS) PAVEMENT (IMPERMEABLE WITH PERFORATED PIPE, PEDESTRIAN/CYCLE PATHS)**



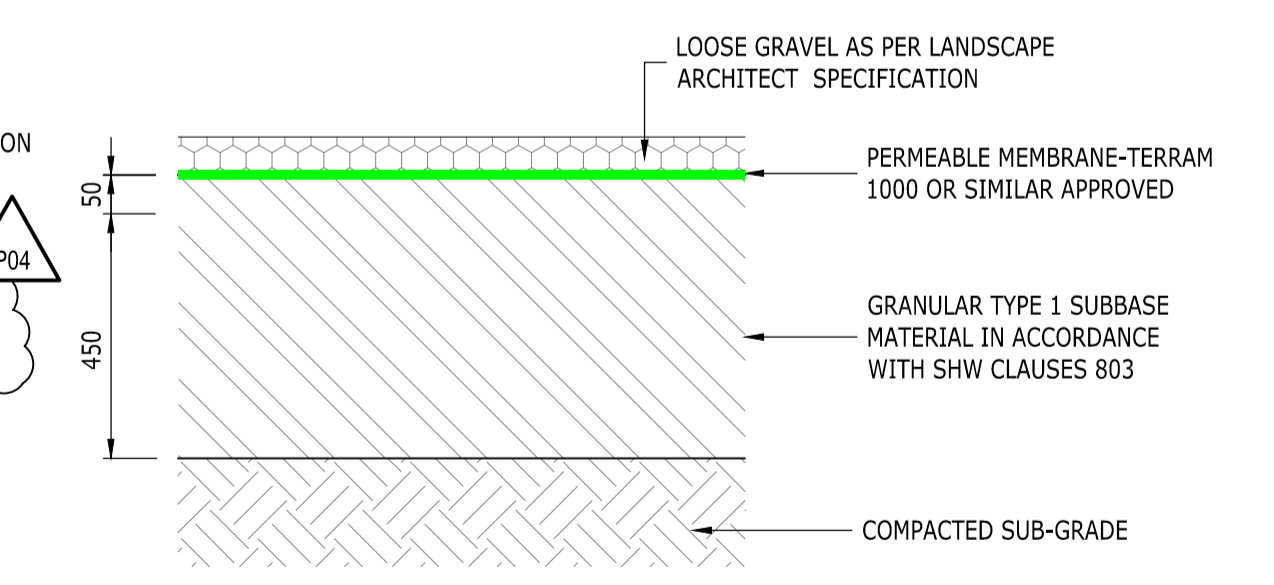
- DESIGNED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS, BS 7533-01 (2001)
- DESIGNED IN ACCORDANCE WITH BS EN 13108-7:2016 AND SHW VOLUME 1 SERIES 900
- ASSUMED CBR OF 2.5 %. SUB-BASE THICKNESS MAY CHANGE UPON CONFIRMATION OF CBR VALUE.
- SUB-GRADE IMPROVEMENT REQUIRED FOR A CBR VALUE OF LESS THAN 2%

**PT6 - CONCRETE BLOCK PAVING SERVICE ROAD (IMPERMEABLE, HEAVY VEHICULAR LOADING)**



- DESIGNED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS, BS 7533-02:2001 (CATEGORY IIIa)
- ASSUMED CBR OF 2.5 %. SUB-BASE THICKNESS MAY CHANGE UPON CONFIRMATION OF CBR VALUE.
- PROPOSED PAVEMENT BUILD-UP TO ACCOMMODATE OCCASIONAL HEAVY VEHICLE OVERRUN
- SUB-GRADE IMPROVEMENT REQUIRED FOR A CBR VALUE OF LESS THAN 2%

**PT7 - CONCRETE FLAG PAVING (IMPERMEABLE, PEDESTRIAN / MEWP LOADING)**



- DESIGNED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS AND BS 7533-13
- BASED ON PEDESTRIAN LOADING ONLY
- ASSUMED CBR OF 2.5 %. SUB-BASE THICKNESS MAY CHANGE UPON CONFIRMATION OF CBR VALUE.

**PT8 - GRAVEL/PEBBLE MARGINS (IMPERMEABLE, PEDESTRIAN LOADING)**

Rev	Description	Date	By	App
P04	STAGE 4+ ISSUE	23.05 2022	BG	EK
P03	STAGE 4 ISSUE	27.01 2022	BG	EK
P02	ISSUED FOR PLANNING	09.09 2021	AT	LS
P01	ISSUED FOR PLANNING	20.08 2021	MES	LS

**STAGE 4+**

**BEGBROOKE SCIENCE PARK SURFACE CAR PARK**

**RAMBOLL**

tel 020 7631 5291 london@ramboll.co.uk  
www.ramboll.co.uk

**CONSTRUCTION DETAILS**

Project No:	Scale (B1):	Drawn:	Date:
1620011508	NTS	MES	AUG 2021
Drawing No:	Rev:		
BBSP-RAMB-CP-XX-DR-C-000510	P04		