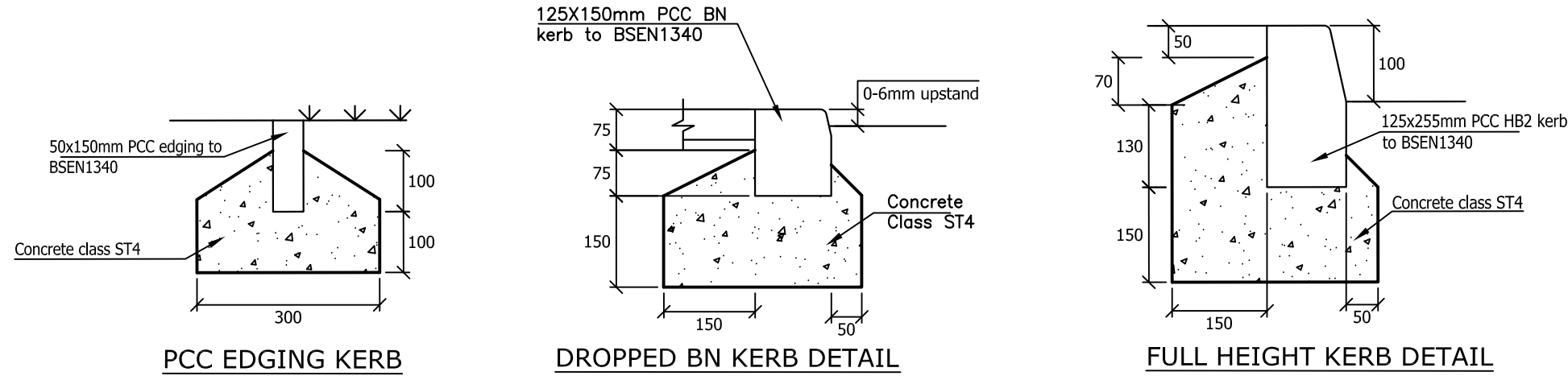
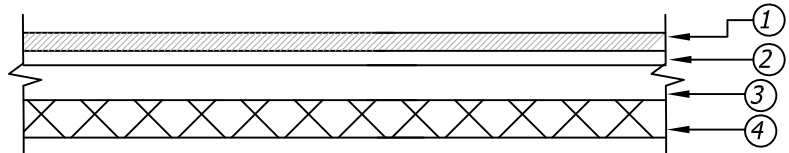




KERB DETAILS
PRIVATE

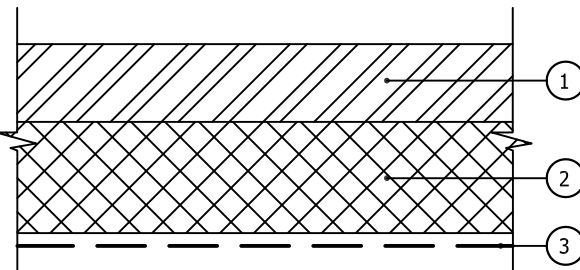
Crossover/Bellmouth
Construction Section
278 highway works



- 35mm of Asphalt Concrete 10mm size aggregate with 100/150 pen bitumen to BS EN 13108-1 (AC 10 close surf 100/150)
- 60mm Binder course, Dense Asphalt concrete AC20 dense bin 40/60 to BSEN13108-1.
- 100mm Base, AC32 Dense Base Asphalt to BSEN13108-1. 40-60 Pen
- 350mm Sub-Base D.O.T. Type 1 material to Clause 803

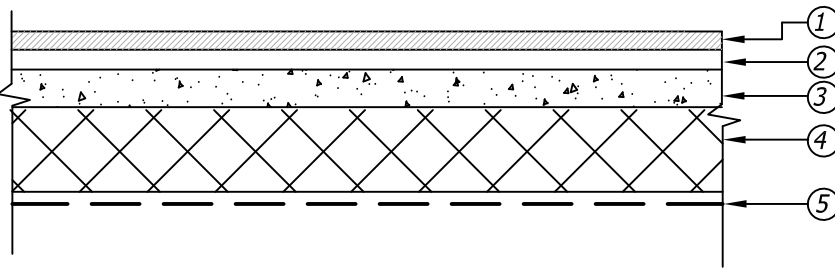
NOTE:
SUB-BASE DEPTH BASED ON CBR OF 2.5 - 3%
AS SOIL REPORT.
IN SITU CBR TEST TO BE CARRIED OUT ON
FORMATION AND SUB-BASE ADJUSTED TO
SATISFACTION OF RBC HIGHWAY ENGINEER

Porous Rubber Play Surface
(As per Architects Details)



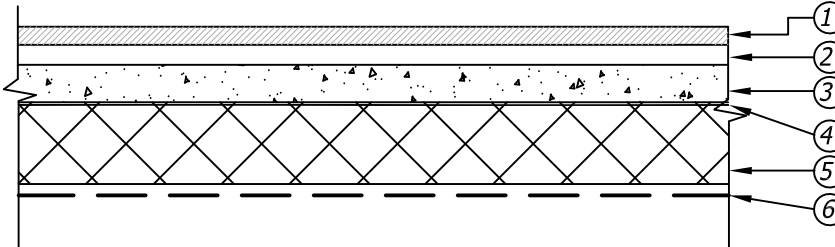
- WET POUR BONDED RUBBER SURFACING TO ARCHITECTS SPECIFICATION. DEPTH TO MANUFACTURER'S SPECIFICATION. LAID AS MANUFACTURER'S INSTRUCTIONS.
- 185mm THICK 4-20mm SUB-BASE CLEAN ANGULAR HARD STONE NO FINES.
- TERRAM 1000 GEOTEXTILE OVER COMPACTED FORMATION

Playground full depth
construction



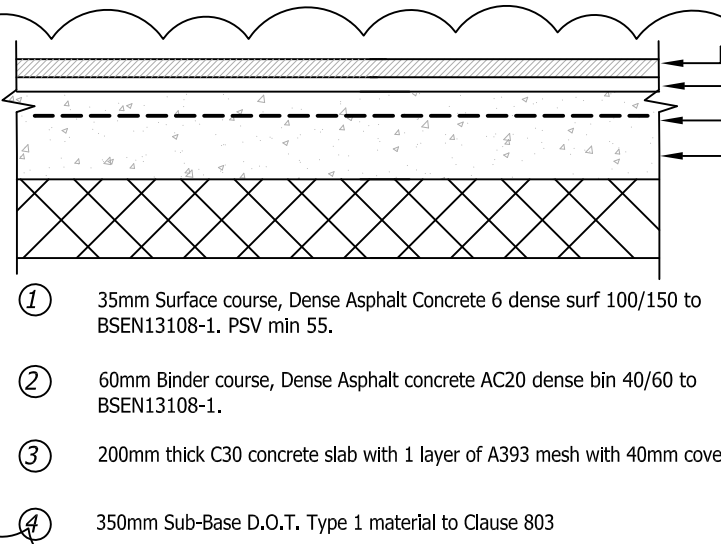
- 30mm Surface course, Dense Asphalt Concrete to BSEN13108-1. 100-150 Pen. PSV 55. AAV 14.
- 50mm thick Binder course, Dense Asphalt Concrete, AC20 dense bin 40/60 to BSEN13108-1.
- 150mm Sub-Base D.O.T. Type 1 material to Clause 803.
- 200mm Capping 6F2. Crushed concrete to Clause 802. See table opposite.
- Terram 1000 Geotextile over compacted formation

Permeable Bituminous
carriageway construction



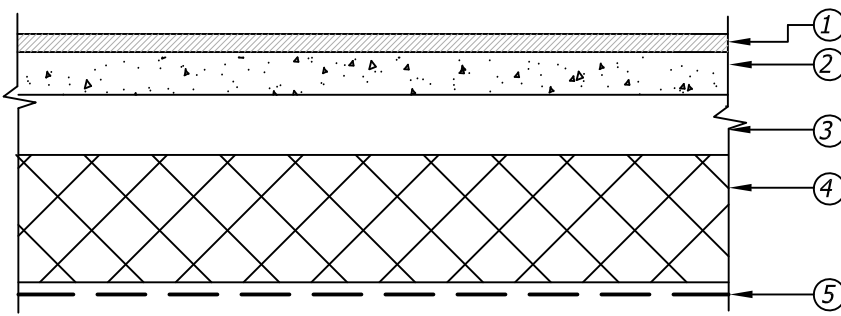
- 30mm thick Porous 'Drainasphalt 10', 10mm stone surface course by Aggregate industries.
- 90mm thick 'Drainasphalt 20', 20mm stone by Aggregate industries.
- 200mm thick Bardon Sudsagg 40mm sub-base stone layer by Aggregate industries
- Charcon Permafilter Geotextile
- 180-760mm thick capping layer (see layout for formation level) - Type 3 (no fines) or 4mm - 40mm size clean stone or crushed concrete with no fines
- Terram 1000 Geotextile over compacted formation

Concrete Raft to
highway access



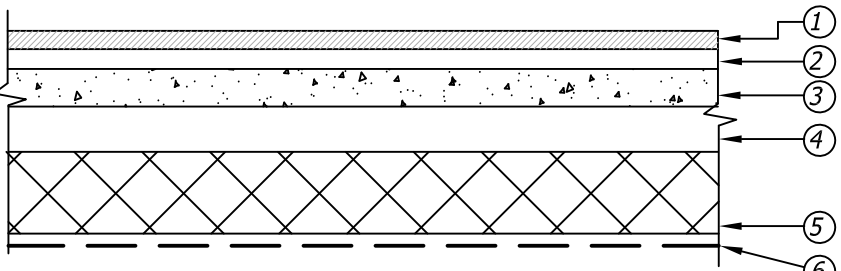
NOTE:
SUB-BASE DEPTH BASED ON CBR OF 2.5 - 3%
AS SOIL REPORT.
IN SITU CBR TEST TO BE CARRIED OUT ON
FORMATION AND SUB-BASE ADJUSTED TO
SATISFACTION OF RBC HIGHWAY ENGINEER

Flexible Car Park
Construction



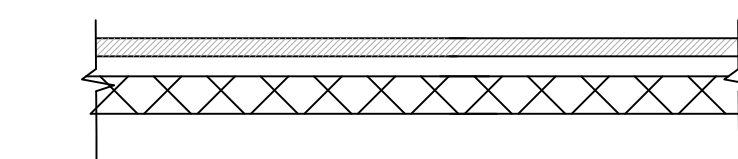
- 30mm Surface course, Dense Asphalt Concrete to BSEN13108-1. 100-150 Pen. PSV 55. AAV 14.
- 50mm thick Binder course, Dense Asphalt Concrete, AC20 dense bin 40/60 to BSEN13108-1.
- 150mm Sub-Base D.O.T. Type 1 material to Clause 803.
- 350mm Capping 6F2. Crushed concrete to Clause 802. See table opposite.
- Terram 1000 Geotextile over compacted formation

Flexible Access Road
Construction



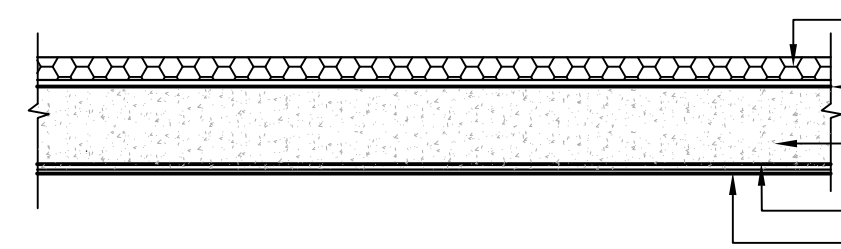
- 30mm Surface course, Dense Asphalt Concrete to BSEN13108-1. 100-150 Pen. PSV 55. AAV 14.
- 50mm thick Binder course, Dense Asphalt Concrete, AC20 dense bin 40/60 to BSEN13108-1.
- 70mm Base, AC32 Dense Base Asphalt to BSEN13108-1. 40-60 Pen
- 150mm Sub-Base D.O.T. Type 1 material to Clause 803.
- 350mm Capping 6F2. Crushed concrete to Clause 802. See table opposite.
- Terram 1000 Geotextile over compacted formation

Flexible footpath



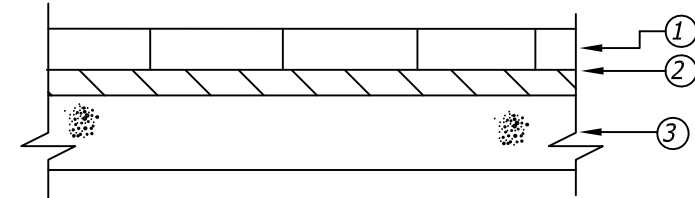
- 20mm Surface course Dense Asphalt Concrete (Aggregate 6mm nominal size) BSEN13108-1. 100-150 Pen
- 50mm Binder course, Dense Asphalt Concrete (Aggregate size nominal 20mm). BSEN13108-1. 40-60 Pen
- 100mm Sub-Base D.O.T. Type 1 material to Clause 803

Geogrid Grass Reinforcement



- 50mm deep Netpave 50 turf reinforcement grid with Geotextile under. Filled with sand/soil blend and grass seeded. See manufacturer's instructions
- Terram 1000 geotextile
- 225mm DOT type 3 material over well compacted ground base (NO FINES)
- Tensar SS30 Geogrid
- Terram 1000 geotextile over compacted formation

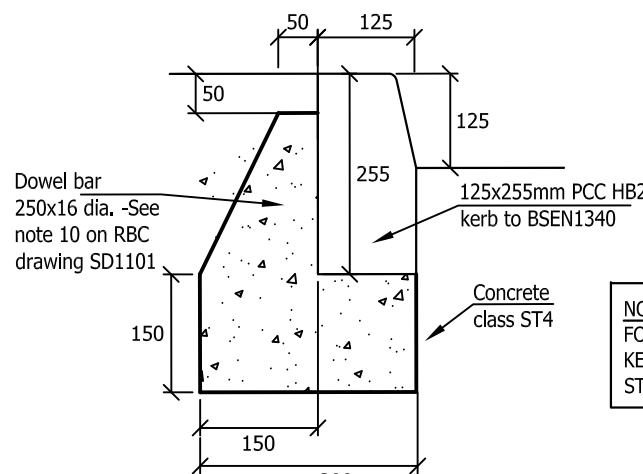
Concrete Paving Footpath
Construction



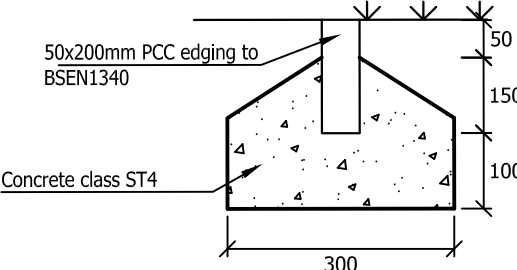
- 50mm thick, 400 x 400 PCC paving slabs
- 25mm Mortar bed, Class 1
- 150mm Sub-Base D.O.T. Type 1 material to Clause 803

PLAYGROUND/CAR PARK RE-SURFACING

20mm Surface course Dense Asphalt Concrete (Aggregate 6mm nominal size) BSEN13108-1. 100-150 Pen to be laid after removal of existing surface course. NOTE : CONTRACTOR TO TAKE CORE SAMPLES TO ASCERTAIN CONDITION OF EXISTING TARMAC/SUB-BASE PRIOR AT AN EARLY STAGE TO ESTABLISH CONDITION

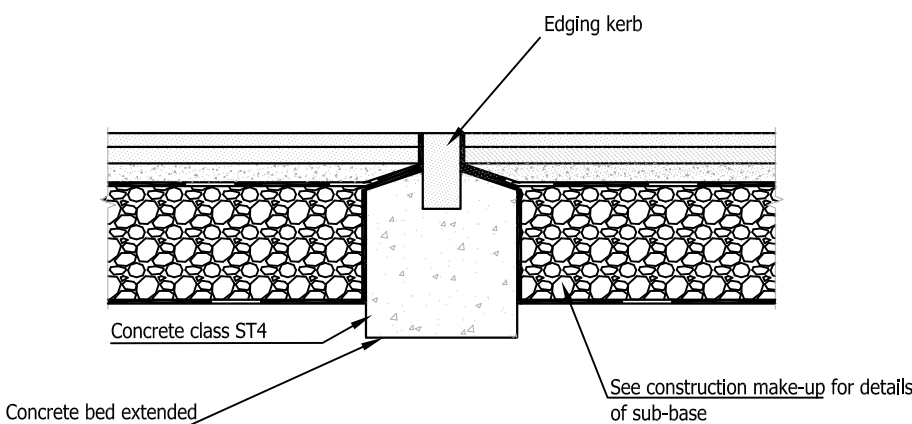


FULL HEIGHT KERB DETAIL



PCC EDGING KERB

KERB DETAILS
ADOPTABLE



FULL HEIGHT CONCRETE BAFFLE TO PERMEABLE PAVING

GENERAL NOTES:

- All dimensions to be checked on site. All details and dimensions relating to sub-contractors or suppliers work must be checked and agreed between the sub-contractor or supplier and the main contractor.
- This drawing is to be read in conjunction with all relevant architects, services and engineers drawings and specifications.
- The location, size, depth and identification of existing services that may be shown or referred to on this drawing have been assessed from non intrusive observations, record drawings or the like. The contractor shall safely carry out intrusive investigations, trial holes or soundings prior to commencing work to satisfy himself that it is safe to proceed and that the assessments are accurate. Any discrepancies shall be notified to gsp prior to works commencing.
- Tender or billing drawings shall not be used for construction or the ordering of materials.
- Do not scale. All dimensions and levels to be site confirmed.
- Copyright : This drawing must not be copied, amended nor reproduced without the prior written agreement of gsp.

PREFIXES TO DRAWING NUMBERS SHALL SIGNIFY THE FOLLOWING :-

- P = PRELIMINARY SHALL NOT BE USED FOR CONTRACT OR CONSTRUCTION PURPOSES.
T = TENDER SHALL NOT BE USED FOR CONSTRUCTION PURPOSES.
C = CONSTRUCTION THESE ARE THE ONLY DRAWINGS THAT SHALL BE USED FOR CONSTRUCTION PURPOSES.
R = RECORD RECORD OF ACTUAL COMPLETED WORK.

REV	DATE	DESCRIPTION	BY	CHK	APP
C3	06.03.15	Concrete raft detail added. Permeable tarmac details revised	SDL	NS	GO
C2	05.12.14	Surface course revised to RBC comments	SDL	NS	GO
C1	04.12.14	Edging kerb detail revised to suit RBC details	SDL	NS	GO
C0	19.11.14	STAGE F ISSUE	SDL	NS	GO

Gyoury Self
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CLIENT	MILLER CONSTRUCTION
ARCHITECT	HLM ARCHITECTS
JOB TITLE	SOUTHCOTE PRIMARY SCHOOL READING

DRAWING TITLE					
EXTERNAL WORKS DETAILS					
DRAWN	ENGINEER		CHECKED	APP	
MR	GTA				
DATE	SCALE		# A1		
OCTOBER 2014	NTS				
JOB No.	STATUS	DRAWING No.			REV.
L1039	C	SCPS-GSP-CE-00-DT-0106			C