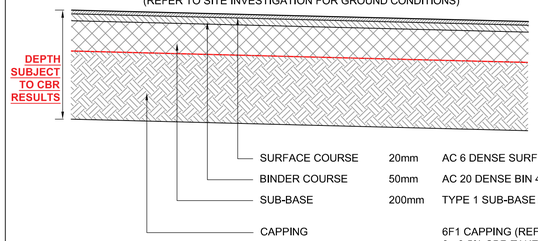
PAVEMENT BUILD-UPS ARE SUBJECT TO IN-SITU CBR TESTS AT STABILISED LEVEL

(REFER TO SITE INVESTIGATION FOR GROUND CONDITIONS)



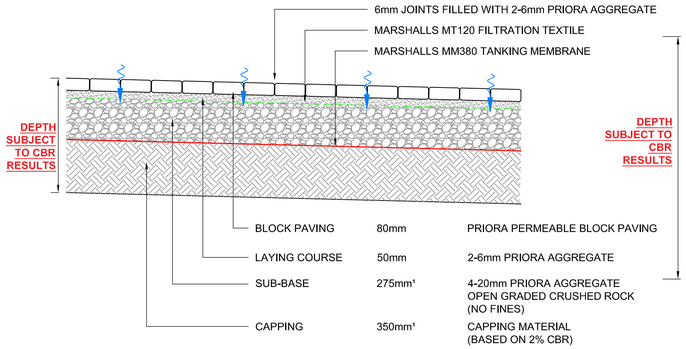
SURFACE COURSE	20mm	AC 6 DENSE SURF 100/150 (REF PD 6691)
BINDER COURSE	50mm	AC 20 DENSE BIN 40/60 (REF PD 6691)
SUB-BASE	200mm	TYPE 1 SUB-BASE (MCDHW CLAUSE 803)
CAPPING		6F1 CAPPING (REFER TO TABLE FOR DEPTHS) 2 - 2.5% CBR TAKEN FROM GI REPORT: UK17.2707D PHASE II GEO-ENVIRONMENTAL ASSESSMENT - SALTBOX, BOGNOR REGIS (ISSUE 1) ISSUED JAN 2019

CBR % VALUE	CAPPING LAYER THICKNESS
<2	600
2 - 2.5%	450
2.5 - 5	350
>5	300

TYPE A1: ASPHALT PAVING FOOTWAY CONSTRUCTION ESTATE ROAD (ADOPTABLE) (Pedestrian loading only)

SCALE 1:20

PAVEMENT BUILD-UPS ARE SUBJECT TO IN-SITU CBR TESTS AT STABILISED LEVEL

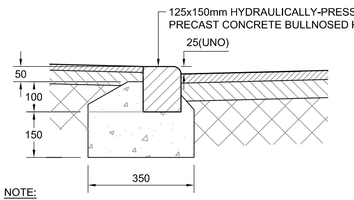


BLOCK PAVING	80mm	PRIORA PERMEABLE BLOCK PAVING
LAYING COURSE	50mm	2-6mm PRIORA AGGREGATE
SUB-BASE	275mm¹	4-20mm PRIORA AGGREGATE OPEN GRADED CRUSHED ROCK (NO FINES)
CAPPING	350mm¹	CAPPING MATERIAL (BASED ON 2% CBR)

NOTE: DETAIL ABOVE MAKES NO ALLOWANCE FOR ADDITIONAL REQUIREMENTS SHOULD THE PERMEABLE CONSTRUCTION BE USED FOR SITE TRAFFIC.

TYPE P-B2 (P): BLOCK PAVING CONSTRUCTION (PERMEABLE) UNIT 2 (Cars & Light Vehicles, No Commercial Vehicles)

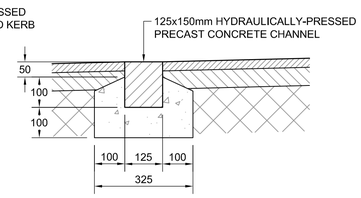
SCALE 1:20



NOTE:
1. VEHICULAR CROSSING UPSTAND TO BE 25mm PEDESTRIAN CROSSING UPSTAND TO BE 0-6mm

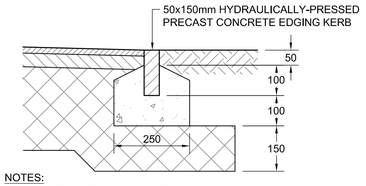
BULL NOSE KERB DETAIL (BN 25mm AND BN FLUSH)

SCALE 1:10



CHANNEL BLOCK KERB DETAIL (CS2)

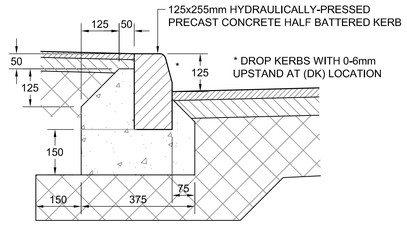
SCALE 1:10



NOTES:
1. ALL KERBS TO BE TO BS EN1340
2. ALL KERBS TO BE BEDDED ON CONCRETE GRADE ST4
3. ALL KERBS TO BE BACKED WITH CONCRETE GRADE ST1

FOOTWAY EDGING DETAIL (EF)

SCALE 1:10

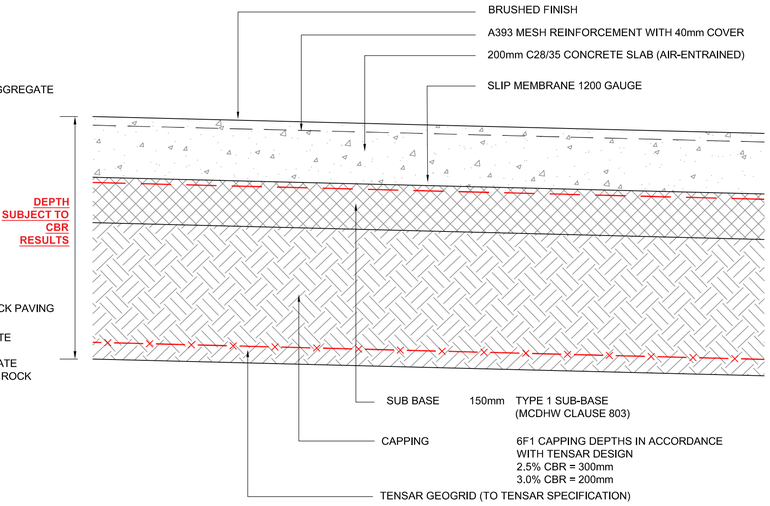


HALF BATTERED KERB DETAIL (HB2)

SCALE 1:10

PAVEMENT BUILD-UPS ARE SUBJECT TO IN-SITU CBR TESTS AT STABILISED LEVEL

(REFER TO SITE INVESTIGATION FOR GROUND CONDITIONS)



IN CUT: 2.5 - 3.5% CBR TAKEN FROM GI REPORT: UK17.2707D PHASE II GEO-ENVIRONMENTAL ASSESSMENT - SALTBOX, BOGNOR REGIS (ISSUE 1) ISSUED JAN 2019
IN FILL: ENGINEERING FILL TO BE PLACED AND COMPACTED IN ACCORDANCE WITH MCHW RECOMMENDATION TO ACHIEVE 2.5% CBR

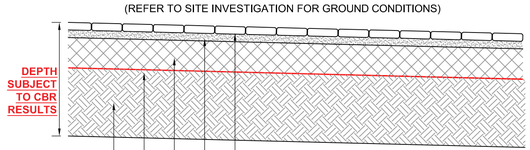
SUB BASE	150mm	TYPE 1 SUB-BASE (MCDHW CLAUSE 803)
CAPPING		6F1 CAPPING DEPTHS IN ACCORDANCE WITH TENSAR DESIGN 2.5% CBR = 300mm 3.0% CBR = 200mm
TENSAR GEOGRID (TO TENSAR SPECIFICATION)		

TYPE C1: CONCRETE YARD CONSTRUCTION UNIT 2

SCALE 1:10

PAVEMENT BUILD-UPS ARE SUBJECT TO IN-SITU CBR TESTS AT SUB-GRADE LEVEL

(REFER TO SITE INVESTIGATION FOR GROUND CONDITIONS)



BLOCK PAVING	50mm (min)	REFER TO ARCHITECT FOR SPECIFICATION / LAYOUT CONFIGURATION.
LAYING COURSE	50mm	SHARP SAND BEDDING COURSE (REF: BS 7533-3 CATEGORY II OF ANNEX D)
SUB-BASE	200mm	TYPE 1 SUB-BASE (MCDHW CLAUSE 803)
FOR CBR VALUES LESS THAN 4% ALLOW FOR ADDITIONAL GEOSYNTHETIC SEPARATOR TO PREVENT LOSS OF GRANULAR MATERIAL.		
CAPPING		6F1 CAPPING (REFER TO TABLE FOR DEPTHS) 2 - 2.5% CBR TAKEN FROM GI REPORT: UK17.2707D PHASE II GEO-ENVIRONMENTAL ASSESSMENT - SALTBOX, BOGNOR REGIS (ISSUE 1) ISSUED JAN 2019

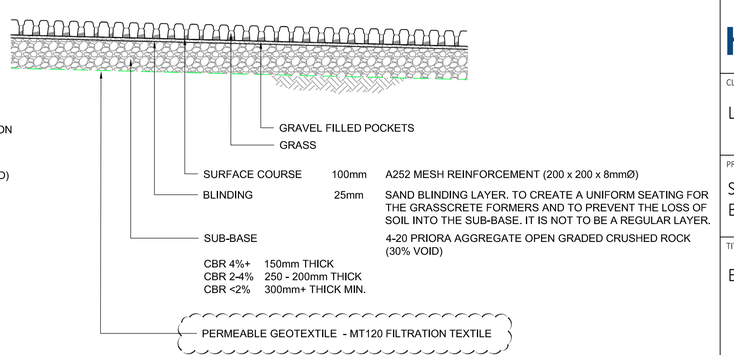
CBR % VALUE	CAPPING LAYER THICKNESS
<2	600
2 - 2.5%	450
2.5 - 5	350
>5	300

TYPE P-B1: BLOCK PAVING FOOTWAY CONSTRUCTION UNIT 2 (Pedestrian loading only)

SCALE 1:20

PAVEMENT BUILD-UPS ARE SUBJECT TO IN-SITU CBR TESTS AT SUB-GRADE LEVEL

(REFER TO SITE INVESTIGATION FOR GROUND CONDITIONS)



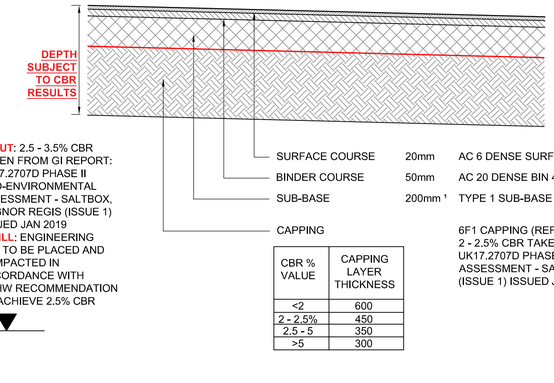
SURFACE COURSE	100mm	A252 MESH REINFORCEMENT (200 x 200 x 8mmØ)
BLINDING	25mm	SAND BLINDING LAYER. TO CREATE A UNIFORM SEATING FOR THE GRASSCRETE FORMERS AND TO PREVENT THE LOSS OF SOIL INTO THE SUB-BASE. IT IS NOT TO BE A REGULAR LAYER.
SUB-BASE		4-20 PRIORA AGGREGATE OPEN GRADED CRUSHED ROCK (30% VOID) CBR 4%+ 150mm THICK CBR 2-4% 250 - 200mm THICK CBR <2% 300mm+ THICK MIN.

TYPE G1: GRASSCRETE CONSTRUCTION ESTATE ROAD (Cars,Light Vehicles & Occasional Heavy Commercial Vehicles)

SCALE 1:20

PAVEMENT BUILD-UPS ARE SUBJECT TO IN-SITU CBR TESTS AT SUB-GRADE LEVEL

(REFER TO SITE INVESTIGATION FOR GROUND CONDITIONS)



IN CUT: 2.5 - 3.5% CBR TAKEN FROM GI REPORT: UK17.2707D PHASE II GEO-ENVIRONMENTAL ASSESSMENT - SALTBOX, BOGNOR REGIS (ISSUE 1) ISSUED JAN 2019
IN FILL: ENGINEERING FILL TO BE PLACED AND COMPACTED IN ACCORDANCE WITH MCHW RECOMMENDATION TO ACHIEVE 2.5% CBR

SURFACE COURSE	30mm	SMA 10 SURF 40/60 (REF PD 6691)
BINDER COURSE	60mm	AC 20 DENSE BIN 40/60 (REF PD 6691)
BASE COURSE	100mm	AC 32 BASE 40/60 (REF PD 6691)
SUB-BASE	150mm	Type 1 SUB-BASE (MCDHW CLAUSE 803)
CAPPING		6F1 CAPPING DEPTHS IN ACCORDANCE WITH TENSAR 2.5% CBR = 300mm 3.0% CBR = 200mm
TENSAR GEOGRID (TO TENSAR SPECIFICATION)		

TYPE A3: ASPHALT PAVING CONSTRUCTION UNIT 2 (Cars, Light Vehicles & Occasional Heavy Goods Vehicles)

SCALE 1:20

PAVEMENT BUILD-UPS ARE SUBJECT TO IN-SITU CBR TESTS AT STABILISED LEVEL

(REFER TO SITE INVESTIGATION FOR GROUND CONDITIONS)

SURFACE COURSE	20mm	AC 6 DENSE SURF 100/150 (REF PD 6691)
BINDER COURSE	50mm	AC 20 DENSE BIN 40/60 (REF PD 6691)
SUB-BASE	200mm ¹	TYPE 1 SUB-BASE (MCDHW CLAUSE 803)
CAPPING		6F1 CAPPING (REFER TO TABLE FOR DEPTHS) 2 - 2.5% CBR TAKEN FROM GI REPORT: UK17.2707D PHASE II GEO-ENVIRONMENTAL ASSESSMENT - SALTBOX, BOGNOR REGIS (ISSUE 1) ISSUED JAN 2019

CBR % VALUE	CAPPING LAYER THICKNESS
<2	600
2 - 2.5%	450
2.5 - 5	350
>5	300

TYPE A1: ASPHALT PAVING FOOTWAY CONSTRUCTION UNIT 2 (Pedestrian loading only)

SCALE 1:20

KEY PLAN

NOTES

1. All dimensions are to be checked on site before the commencement of works. Any discrepancies are to be reported to the Architect & Engineer for verification. Figured dimensions only are to be taken from this drawing.
2. The DWG file is issued for the purposes of coordination only and do not represent formal drawing issue and are not to be reprinted in any form. Formal issue of drawings is via DWF, Adobe PDF files and/or hard copies and their associated information issue sheets.
3. Note that all care has been taken with the export of DWG files and their content, but we recommend that you make due dimensional checks before using any DWG file information. Any errors found are to be reported to Hydrock immediately.
4. CBR values in accordance with SI report. contractor to inform engineer of any soft spots during construction.
5. In the event of any contradiction between this drawing and the specification, then the contractor shall seek clarification from the engineer before proceeding.
6. All in-situ concrete and precast concrete components to be manufactured using sulphate resisting portland cement (srpc) to BS 4027, If required, subject to soil conditions.
7. Refer to landscape architects drawings for extent of external surfaces and kerbing.
8. Drainage trenches within traffic areas and footways or in areas to be adopted shall be backfilled using granular type 1 material up to the road formation level.
9. Old drainage or service trenches to be excavated are to remove soft or degraded material and backfilled with specified granular sub-base material.
10. Subgrade variation: If material appears to vary from anticipated conditions, or if there are extensive soft spots, test subgrade CBR to BS 1377-4 OR BS 1377-9.
11. Soft or damaged areas to be excavated and replaced with sub-base material, compacted in layers 300 mm (maximum) thick.
12. Final excavation to formation / subformation level to be carried before compaction of subgrade.
13. Excavation or compaction not to be carried out in wet conditions when the subgrade may be damaged or destabilized.
14. Compact thoroughly by roller or other suitable means, adequate to resist subsidence or deformation of the subgrade during construction and of the completed roads / pavings.
15. Particular care to be taken when compacting fully at intrusions, perimeters and where local excavation or backfilling has taken place.
16. Subgrade improvement layer (capping) to Highways Agency 'Specification For Highway Works', Table 6/1, Placed and compacted to Highways Agency 'Specification For Highway Works', Table 6/1, Clauses 612 and 613.3, 613.8, 613.9, 613.10 and 613.13.
17. Depth of frost susceptible material below final surface of paving to be (minimum) 450mm.
18. Do not place fill on frozen surfaces. remove material affected by frost. Replace and re-compact if not damaged after thawing.
19. Subgrades and sub-base should be protected to prevent degradation by construction traffic, construction operations and inclement weather.
20. Type 1 unbound mixture for sub-base to Highways Agency 'Specification For Highway Works', Clause 801 and 803.
21. Type 1 to be spread and levelled in 150 mm maximum layers, each layer thoroughly compacted.
22. At drainage fittings, inspection covers, perimeters and where local excavation and backfilling has taken place particular care should be taken to ensure material is fully compacted.

REV						
	REVISION NOTES/COMMENTS					
	DRAWN BY	DATE	CHECKED BY	DATE	APPROVED BY	DATE
P07	ISSUED FOR CONTRACT					
	D. GALLIMORE	15/05/20	M. GRIFFIN	15/05/20	M. GRIFFIN	15/05/20
P06	ISSUED FOR CONTRACT					
	D. GALLIMORE	04/05/20	M. GRIFFIN	04/05/20	M. GRIFFIN	04/05/20
P05	REVISED AS CLOUDED					
	D. GALLIMORE	13/12/19	M. GRIFFIN	13/12/19	M. GRIFFIN	13/12/19
P04	REVISED FOLLOWING COMMENTS (AS CLOUDED)					
	D. GALLIMORE	28/11/19	M. GRIFFIN	28/11/19	M. GRIFFIN	28/11/19
P03	REVISED FOLLOWING COMMENTS (AS CLOUDED)					
	D. GALLIMORE	22/11/19	M. GRIFFIN	22/11/19	M. GRIFFIN	22/11/19
P02	REVISED FOLLOWING COMMENTS (AS CLOUDED)					
	D. GALLIMORE	06/11/19	M. GRIFFIN	06/11/19	M. GRIFFIN	06/11/19
P01	TENDER ISSUE					
	R.HUNT	17/10/19	D.GALLIMORE	17/10/19	M.GRIFFIN	17/10/19

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CLIENT
LANDLINK ESTATES

PROJECT
SALTBOX
BOGNOR REGIS

TITLE
EXTERNAL DETAILS

HYDROCK PROJECT NO. C-13319-C	SCALE @ A1 AS SHOWN
STATUS DESCRIPTION TENDER	STATUS D2
DRAWING NO. (PROJECT CODE-ORGINATOR-ZONE-LEVEL-TYPE-ROLE-NUMBER) SAL-HYD-PH1-ZZ-DR-C-7300	REVISION P07