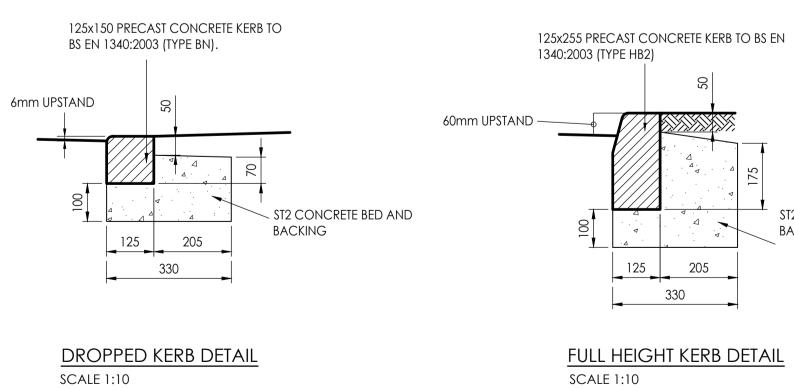
PERMEABLE BLOCK PAVING (WITHIN ROOT PROTECTION ZONE) SCALE 1:20 PRE CAST CONCRETE BLOCKS: 80mm THICK 200mm x 100mm RECTANGULAR PRECAST CONCRETE BLOCKS TO COMPLY WITH BS EN 1338:2003. SAND LAYING COURSE: 30mm THICK SHARP SAND IN ACCORDANCE WITH BS EN12620. OVERFILL 25mm CLEAN ANGULAR STONE TYPE 4/20 CELLULAR CONFINEMENT SYSTEM 100mm DEPTH 'CELLWEB' BY GEOSYNTHETICS OR SIMILAR, IN FILLED WITH CLEAN ANGULAR STONE 4/20mm TO BS7533-13:2009 GEOTEXTILE FLEECING GEO-TEXTILE MEMBRANE, TREETEX BY GEOSYNTHETICS OR SIMILAR TO PREVENT STONE MIGRATION AND HYDROCARBON POLLUTION	

<u>NOTES:</u>

DESIGNED TO CBR VALUE OF 2% IF CBR'S ARE FOUND TO BE LOWER, CONSULT ENGINEER FOR GUIDANCE.

EXISTING CAR PARK TO BE SCRAPPED BACK APPROXIMATELY 50mm AND REMEDIATED IN ACCORDANCE WITH ARBORICULTURALIST REPORT.

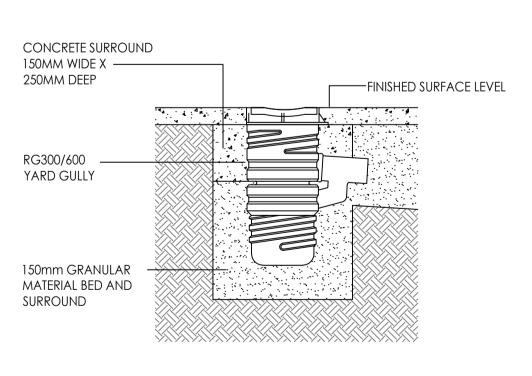


PERMEABLE BLOCK PAVING (OUTSIDE ROOT PROTECTION ZONE) SCALE 1:20 PRE CAST CONCRETE BLOCKS: BOMM THICK 200mm x 100mm RECTANGULAR PRECAST CONCRETE BLOCKS TO COMPLY WITH BS EN 1338:2003. SAND LAYING COURSE: 30mm THICK SHARP SAND IN ACCORDANCE WITH BS EN12620. SUB-BASE 125mm THICK 20mm OPEN GRADED CRUSHED ROCK SUB-BASE 125mm THICK 20mm OPEN GRADED CRUSHED ROCK GEOTEXTILE MEMBRANE IN ACCORDANCE WITH BS 7533-13 CAPPING LAYER IN ACCORDANCE WITH TABLE BELOW	ASHPALT SURFAC SCALE 1:20 SURFACE COURSE 40mm THICK HRA 30/14 BINDER COURSE 60mm THICK HRA 50/14 BASE COURSE 90mm THICK HRA 60/32 SUB-BASE TYPE 1 UNBOUND MIXTU CL.803 TABLE 8/2. FOR CAPPING LAYER TYPE 6F2 CAPPING MAT & CL.612. FOR DEPTHS
SUBGRADE	MEASURED CBR VALU

AT THE DISCRETION OF THE ENGINEER THE THICKNESS SHALL BE INCREASED IF SOFT AREAS ARE ENCOUNTERED. THE MATERIAL SHALL BE SPREAD EVENLY ON THE FORMATION IN LAYERS OF A DEPTH NOT MORE THAN 150mm COMPACTED THICKNESS .

open graded Crushed rock
-
100
125
175
300

PERMEABLE PAVING CAPPING LAYER TABLE



FULL HEIGHT KERB DETAIL

4

205

330

. .

ST2 CONCRETE BED AND

BACKING

GULLY DETAIL N.T.S.

JRFACING

CBR ≥ 5%

CBR >2<5%

CBR <2%

A 50/14 BIN 40/60 TO BS EN 13108 LAID IN 2 LAYERS AND COMPACTED TO BS 594987:2007.

60/32 BASE 40/60 BS EN 13108 LAID AND COMPACTED TO BS 594987:2007.

MIXTURE SUB-BASE TO CURRENT D.T.p. SPECIFICATION FOR HIGHWAY WORKS CL.802 & . FOR DEPTHS SEE TABLE BELOW.

ING MATERIAL TO CURRENT D.Tp. SPECIFICATION FOR HIGHWAY WORKS CL.601 TABLE 6/1 DEPTHS SEE TABLE BELOW.

BR VALUES	REQUIRED DEPTH OF SUB-BASE	REQUIRED DEPTH OF CAPPING MATERIAL
	225mm ± 10mm (MINIMUM THICKNESS)	-
	150mm ± 10mm	320mm ± 10mm
	150mm ± 10mm	600mm ± 10mm

AT THE DISCRETION OF THE ENGINEER THE THICKNESS SHALL BE INCREASED IF SOFT AREAS ARE ENCOUNTERED. THE MATERIAL SHALL BE SPREAD EVENLY ON THE FORMATION IN LAYERS OF A DEPTH NOT MORE THAN 150mm COMPACTED THICKNESS .

FORMATION LEVEL TO BE PROOF ROLLED TO CLAUSE 609, SOFT SPOTS TO BE EXCAVATED BACK TO GOOD GROUND AND FILLED WITH FULLY COMPACTED TYPE 1 SUB-BASE MATERIAL TO THE SPECIFICATION FOR HIGHWAY WORKS CLAUSE 616.

		nsulting Engineers accept no responsibility for any uno wing. Only figured dimensions are to be worked to.	authorised amo		
REV	DATE	AMENDMENT DETAILS		DRAWN	APPROVED

PROJECT	DATE	DRAWING	STATUS		
SHRUB END,	18.12.17 PRELIMINARY				
ICENI WAY, COLCHESTER, ESSEX	SCALE(S)	designed	DRAWN WL		
DRAWING TITLE HIGHWAY CONSTRUCTION	as shown	CHECKED	APPROVED		
DETAILS	JOB No			71	
	1321		create		
CLIENT	DRAWING No		REVISION	CONSULTING	
ARITIME & COASTGUARD AGENCY 03/002		-	ENGINEERS LTD		
www.createconsultingengineers.co.uk					

щ SCAL NOT Ο