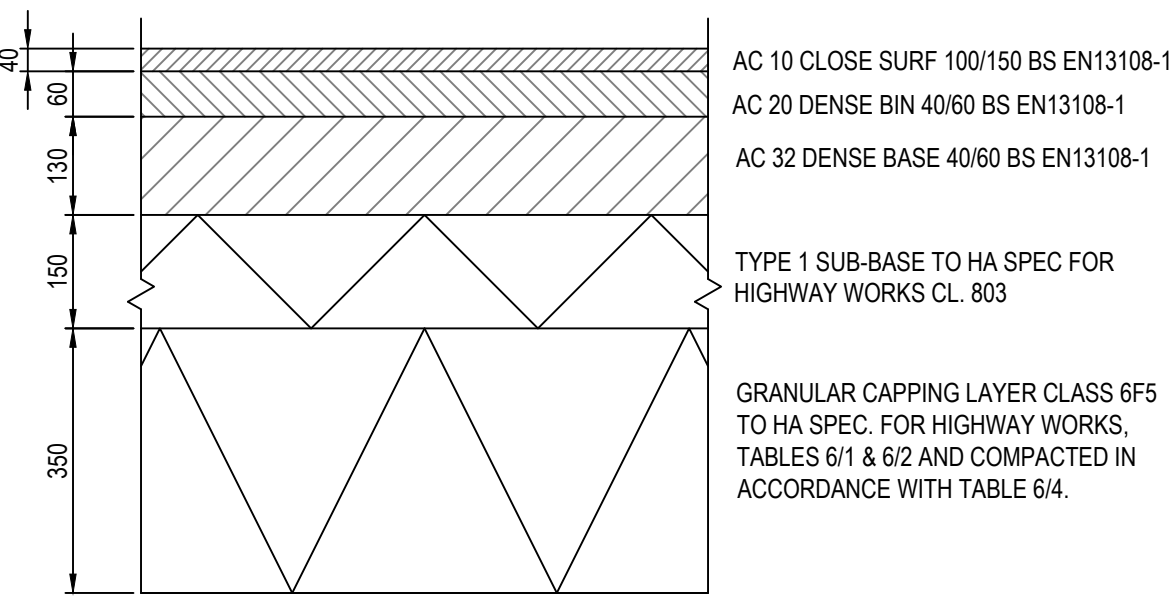
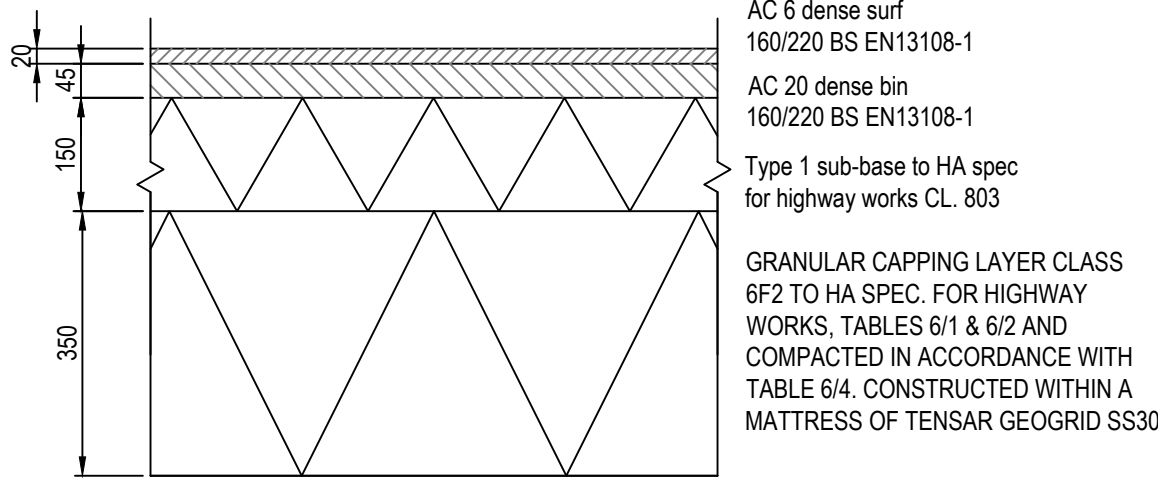




MACADAM ROAD - HIGHWAY LAND
CONSTRUCTION DETAIL

- NOTE:
- DESIGN BASED ON FORMATION HAVE CBR VALUE OF 2.5%
 - CBR TEST LOCATIONS SHOWN IN LAYOUT DRAWINGS
 - CBR TEST AT FORMATION LEVEL, TOP OF CAPPING, TOP OF SUB-BASE
 - CBR TESTS IN ACCORDANCE WITH HANTS. CC TG-5
 - THE MATERIAL SHALL BE NON-FROST SUSCEPTIBLE AS DEMONSTRATED BY COMPLIANCE WITH CLAUSE 801.8 WHEN TESTED IN ACCORDANCE WITH BS 812-124



MACADAM ROAD - PRIVATE LAND
CONSTRUCTION DETAIL

- NOTE:
- DESIGN BASED ON FORMATION HAVE CBR VALUE OF 2.5%
 - CBR TEST LOCATIONS SHOWN IN LAYOUT DRAWINGS
 - CBR TEST AT FORMATION LEVEL, TOP OF CAPPING, TOP OF SUB-BASE
 - CBR TESTS IN ACCORDANCE WITH HANTS. CC TG-5
 - THE MATERIAL SHALL BE NON-FROST SUSCEPTIBLE AS DEMONSTRATED BY COMPLIANCE WITH CLAUSE 801.8 WHEN TESTED IN ACCORDANCE WITH BS 812-124

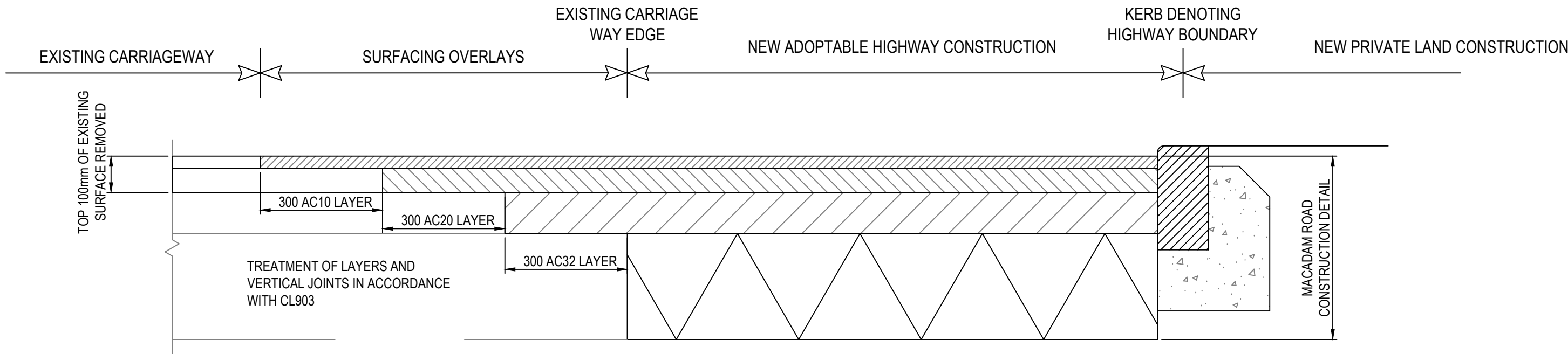
- WORKS TO BE IN ACCORDANCE WITH HAMPSHIRE COUNTY COUNCIL MODEL CONTRACT
- WORKS TO BE IN ACCORDANCE WITH HAMPSHIRE COUNTY COUNCIL HIGHWAY CONSTRUCTION STANDARD DETAILS FOR THE FOLLOWING:
- HCC11/C/010B - PRECAST CONCRETE KERBS
 - HCC11/D/125B - DRAINAGE GRIPS
 - HCC11/D/090B - HEADWALL TYPE 2 BRICK FACED
- WORKS TO BE IN ACCORDANCE WITH HAMPSHIRE COUNTY COUNCIL TECHNICAL GUIDANCE NOTES FOR THE FOLLOWING:
- TG5 - GEOTECHNICAL INVESTIGATION, TESTING AND DESIGN
 - TG6-2 - FLEXIBLE AND RIGID PAVEMENT DESIGN
 - TG8-1 - DRAINAGE, GENERAL
 - TG15 - TREES, LANDSCAPE AND ECOLOGY

CBR VALUE	CAPPING & SUB-BASE		SUB-BASE ONLY
	CAPPING THICKNESS	SUB-BASE THICKNESS	
2%	GROUND STABILISATION REQUIRED - ENGINEER TO APPROVE		
2.5%	180mm	220mm	350mm
3%	170mm	220mm	320mm
4%	160mm	220mm	270mm
5%	140mm	220mm	230mm
8%	-	220mm	220mm
10%	-	220mm	220mm
10%	-	220mm	220mm

GRADING OF SUB-BASE	
BS SIEVE	% PASSING
100mm	100
63mm	90 - 100
37.5mm	60 - 80
20mm	15 - 30
10mm	0 - 5
NOTE: AGGREGATE GRADING TEST TO BE PERFORMED IN ACCORDANCE WITH BS 1377-2	

- NOTES :
- TO COMPLY WITH INTERIM ADVICE NOTE 73/06 Rev 2009 DESIGN GUIDANCE FOR ROAD PAVEMENT FOUNDATIONS (DRAFT HD25)
 - DEPTH OF BITUMINOUS LAYER = 230mm
 - DEPTH OF SUB-BASE = 220mm AT ALL TIMES (TO MAINTAIN A DEPTH OF 450mm OF NON-FROST SUSCEPTIBLE MATERIAL). LAID AND COMPACTED IN LAYERS OF 110mm MAX.
 - GRANULAR CAPPING LAYER SPECIFICATION: CLASS 6F2 TO HA SPEC. FOR HIGHWAY WORKS, TABLES 6/1 & 6/2 AND COMPACTED IN ACCORDANCE WITH TABLE 6/4.

SUB-GRADE IMPROVEMENTS TABLE



CARRIAGEWAY TIE IN DETAIL

- NOTES:
- 300mm OVERLAY STEP TO EACH LAYER OF MACADAM

P01	28.02.25	Preliminary Issue.	FDH
Rev	Date	Revision Description	Issued by
Drawing Status: S2 - Suitable for Information			
GODSELL • ARNOLD PARTNERSHIP LTD Consulting Civil and Structural Engineers 7 Arrowsmith Court, Station Approach Broadstone, Dorset. BH18 8AX Telephone: 01202 600 900 Website: www.gapltd.net			
Client:	RICHARD BARNEY		
Project:	ASHBOURNE STABLES		
Drawing Title:	PROPOSED ENTRANCE CONSTRUCTION DETAILS		
Scale @ A1:	1:10	Drawn: FDH	Checked: UJW
Project-Originator-Zone-Level-Type-Role	Drawing No.:	Revision:	
25041-GAP-XX-XX-DR-C	9501	P01	

NOT FOR CONSTRUCTION