



CARRIAGEWAY CONSTRUCTION

LAYER	CLAUSE	MATERIAL	BINDER	THICKNESS	SPECIAL REQUIREMENTS
SURFACE COURSE	937/942	SMA		30mm	DESIGN MIXES TO BE APPROVED
BINDER COURSE	906	DENSE MACADAM BINDER		70mm	CI 7.5 OF BS 4987-1:2005
BASE	906	DENSE MACADAM BASE		250mm	RECIPE MIX TO CI 5.2 OF BS 4987 PART1-2005-DESIGN MIXES TO BE APPROVED

FOUNDATION TYPE A

LAYER	CLAUSE	MATERIAL	BINDER	THICKNESS	SPECIAL REQUIREMENTS
SUB-BASE	803	GRANULAR SUB BASE TYPE 1	N/A	170mm	BASED ON SUBGRADE CBR 10% MIN.
CAPPING	613	GRANULAR MATERIAL 6f1 TO 6f5	N/A	170mm	BASED ON SUBGRADE CBR 10% MIN.
GEOTEXTILE MEMBRANE		TERRAM 1000 OR SIMILAR APPROVED	N/A		IF INSTRUCTED BY ENGINEER.
SUB-BASE ONLY	803	GRANULAR SUB BASE TYPE 1	N/A	240mm	BASED ON SUBGRADE CBR 10% MIN.

FOUNDATION TYPE B

LAYER	CLAUSE	MATERIAL	BINDER	THICKNESS	SPECIAL REQUIREMENTS
SUB-BASE	803	GRANULAR SUB BASE TYPE 1	N/A	350mm	BASED ON SUBGRADE CBR 2.5% MIN.
CAPPING	613	GRANULAR MATERIAL 6f1 TO 6f5	N/A	250mm	BASED ON SUBGRADE CBR 2.5% MIN.
GEOTEXTILE MEMBRANE		TERRAM 1000 OR SIMILAR APPROVED	N/A		IF INSTRUCTED BY ENGINEER.
SUB-BASE ONLY	803	GRANULAR SUB BASE TYPE 1	N/A	450mm	BASED ON SUBGRADE CBR 2.5% MIN.

APPROPRIATE SUBGRADE IMPROVEMENT TO BE CARRIED OUT WHERE REQUIRED TO ACHIEVE A MINIMUM CBR OF 2.5%

FOOTWAY CROSSING CONSTRUCTION

LAYER	CLAUSE	MATERIAL	BINDER	THICKNESS	SPECIAL REQUIREMENTS
SURFACE COURSE	909	DENSE MACADAM SURFACE COURSE	190 PEN	30mm	CI 7.5 OF BS 4987 PART1-2005
BINDER COURSE	906	DENSE MACADAM BINDER COURSE	190 PEN	50mm	CI 6.5 OF BS 4987 PART1-2005
BASECOURSE	906	DENSE MACADAM BASE	190 PEN	60mm	RECIPE MIX TO CI 5.2 OF BS 4987 PART1-2005-DESIGN MIXES TO BE APPROVED
SUB-BASE	803	GRANULAR SUB BASE TYPE 1	N/A	270mm	

FOOTWAY & FOOTWAY/CYCLEWAY CONSTRUCTION

LAYER	CLAUSE	MATERIAL	BINDER	THICKNESS	SPECIAL REQUIREMENTS
SURFACE COURSE	909	DENSE MACADAM SURFACE COURSE	190 PEN	20mm	CI 7.5 OF BS 4987 PART1-2005
BINDER COURSE	906	DENSE MACADAM BINDER COURSE	190 PEN	60mm	CI 6.5 OF BS 4987 PART1-2005
SUB-BASE	803	GRANULAR SUB BASE TYPE 1	N/A	150mm	

VERGE SPECIFICATION

ITEM	CLAUSE	SPECIAL REQUIREMENTS
MAINTENANCE	3007 AND 3008	MEDIUM FREQUENCY OF CUTTING
SEEDING/TURFING	3005	SEED MIX FOR SEEDING AND/OR TURF TO BE APPROVED BY ENGINEER
GROUND PREPARATION	3004	IN ACCORDANCE WITH SUB-CLAUSES 8-11
TOPSOIL	618	CLASS 5A OR 5B 150MM THICK

DO NOT SCALE

- NOTES.
1. CBR'S TO BE CONFIRMED BY INSITU TESTS CARRIED OUT IN ACCORDANCE WITH LOCAL AUTHORITY SPEC.
 2. WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE SPECIFICATION FOR HIGHWAY WORKS (SHW), LATEST EDITION AND THE CURRENT BRITISH STANDARDS.
 3. SHW CLAUSE NUMBERS SHALL APPLY IN THE EVENT OF CONFLICTING INFORMATION.
 4. THESE DETAILS INCLUDE THE USE OF HEAVY KERB/PAVING PRODUCTS WHICH THE CONTRACTOR IS EXPECTED TO HANDLE USING APPROPRIATE MECHANICAL HANDLING AIDS IN ACCORDANCE WITH HSE GUIDANCE.
 5. EXTENTS OF FOUNDATION TYPES TO BE CONFIRMED AFTER SITE TESTING OF SUBGRADE CBR.

REV	DATE	BY	DESCRIPTION	CHK	APP
A	05/02/08	JH	FIRST ISSUE	LH	JM

PLANNING APPLICATION



 Mountbatten House, Basing View, Basingstoke, Hampshire RG21 4HU
 Tel: +44 (0)1256 318800 Fax: +44 (0)1256 318700
<http://www.wspgroup.com>

COUNTRYSIDE PROPERTIES

PROJECT: SOUTH WEST BICESTER
 BICESTER, OXFORDSHIRE

TITLE: SECTION 278 WORKS
 A41 ROUNDABOUT
 HIGHWAY CONSTRUCTION

SCALE @ AS	CHECKED:	APPROVED:
N.T.S.	LH	JM
CAD FILE: 1903-SD-028	DESIGN/DRAWN: JH	DATE: January 2008
PROJECT No: 11011903	DRAWING No: 1903/SD/028	REV: A