

ROAD SPECIFICATION		
	CONSOLIDATED THICKNESS (mm)	SPECIFICATION
1	SURFACE COURSE	30 SMA 10mm sur 40/60 68PSV
2	BINDER COURSE	60 AC 20 DENSE BIN 160/220
3	BASE COURSE	150 (min) AC 32 DENSE BASE 160/220
4	SUB BASE	SUBJECT TO CBR TYPE 1 TO TABLE 6/2 AND CLAUSE 803 SHW (RECYCLED MATERIAL) - SEE TABLE A
5	CAPPING	SUBJECT TO CBR TYPE 6F TABLE 6/1 AND CLAUSE 613 SHW (RECYCLED MATERIAL) - SEE TABLE A

NOTE  
TARMAC FOAMMASTER RECYCLED ASPHALT OR SIMILAR APPROVED PRODUCT TO BE USED

NOTE  
THE DEVELOPER WILL BE REQUIRED TO SUBMIT CBR TEST RESULTS FOR ALL ROADS TO THE HIGHWAY AUTHORITY PRIOR TO THE COMMENCEMENT OF ROAD CONSTRUCTION. CBR SAMPLES SHOULD BE TAKEN ON THE SUB-GRADE FORMATION AT MAXIMUM INTERVALS OF 100m ALONG THE CENTRELINE OF THE PROPOSED CARRIAGEWAY.

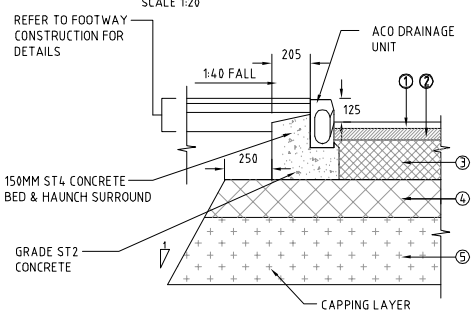
ALL MATERIALS TO BE USED IN CARRIAGEWAY AND FOOTWAY CONSTRUCTION SHALL COMPLY WITH THE RELEVANT BRITISH STANDARDS, WHERE APPLICABLE AND WITH THE REQUIREMENTS OF THE SPECIFICATION FOR HIGHWAY WORKS HMSO 1991

BELOW 5%	5% & ABOVE
300mm SUB BASE PLUS GEO TEXTILE MEMBRANE AND 400mm CAPPING LAYER	SUB BASE THICKNESS 300mm

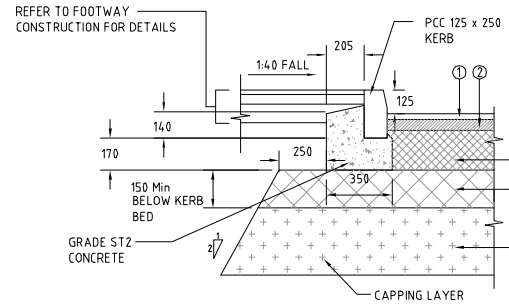
TABLE A

150MM MINIMUM, CLASS 5B TOPSOIL ACCORDANCE WITH CLAUSE 618 SHW WITH GRASS SEEDING COMPRISING 40% CHEWINGS FESCUE, 40% CREEPING RED FESCUE, 10% SMOOTH STALKED MEADOW GRASS AND 10% BROWNTOP BENT

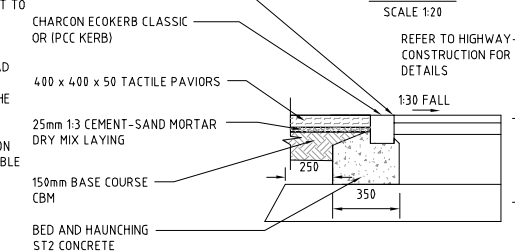
HIGHWAY VERGE DETAIL



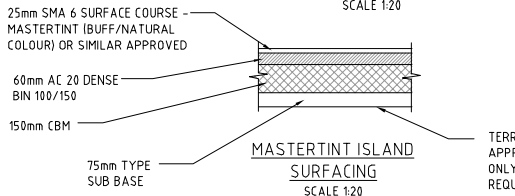
FULL ROAD CONSTRUCTION KERB DRAINAGE



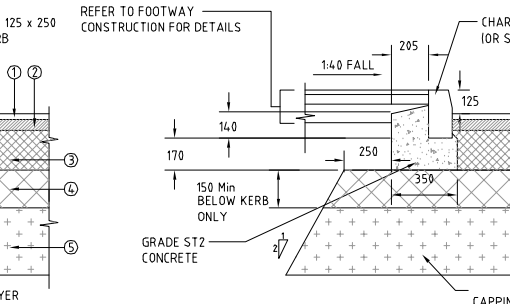
FULL ROAD CONSTRUCTION (PPC KERB)



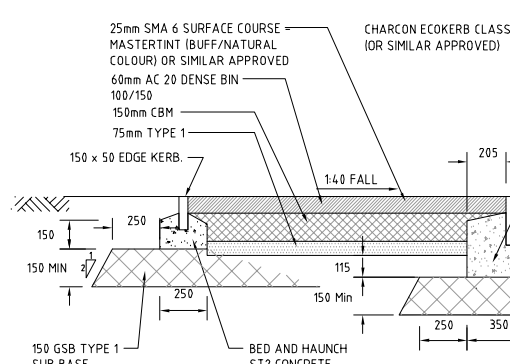
DROPPED KERB & TACTILE PAVIOR



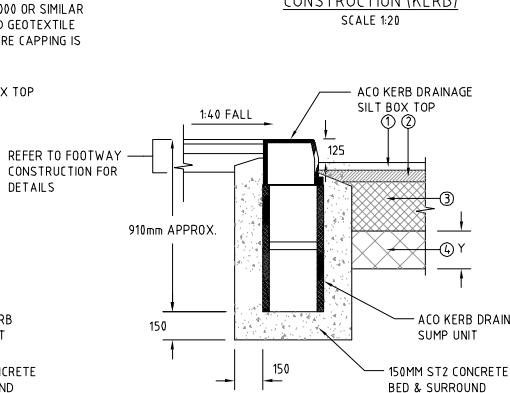
MASTERTINT ISLAND SURFACING



FULL ROAD CONSTRUCTION

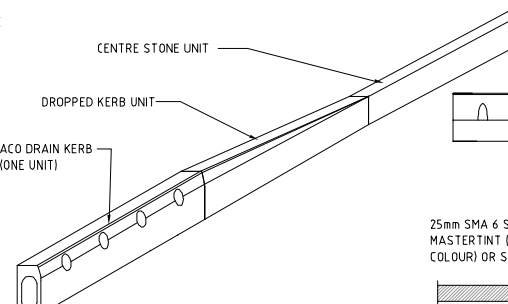


FOOTWAY AND CYCLEWAY CONSTRUCTION (KERB)

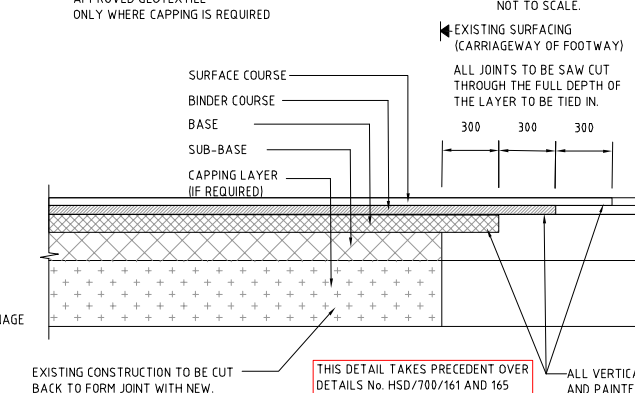


ACO KERB DRAINAGE SUMP OUTLET

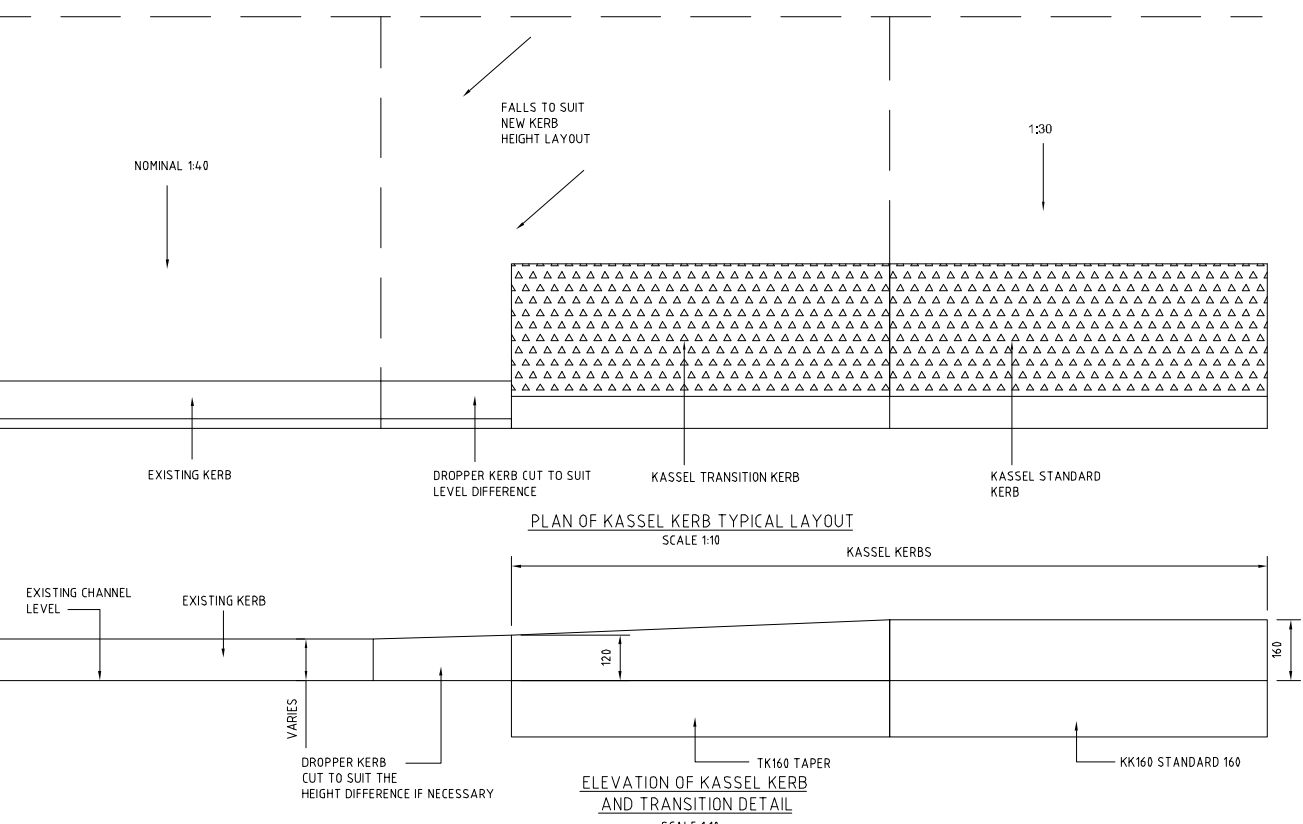
ACO KERB DRAINAGE SUMP / rodding point



TYPICAL ARRANGEMENT OF MAINS IN A 2m FOOTWAY

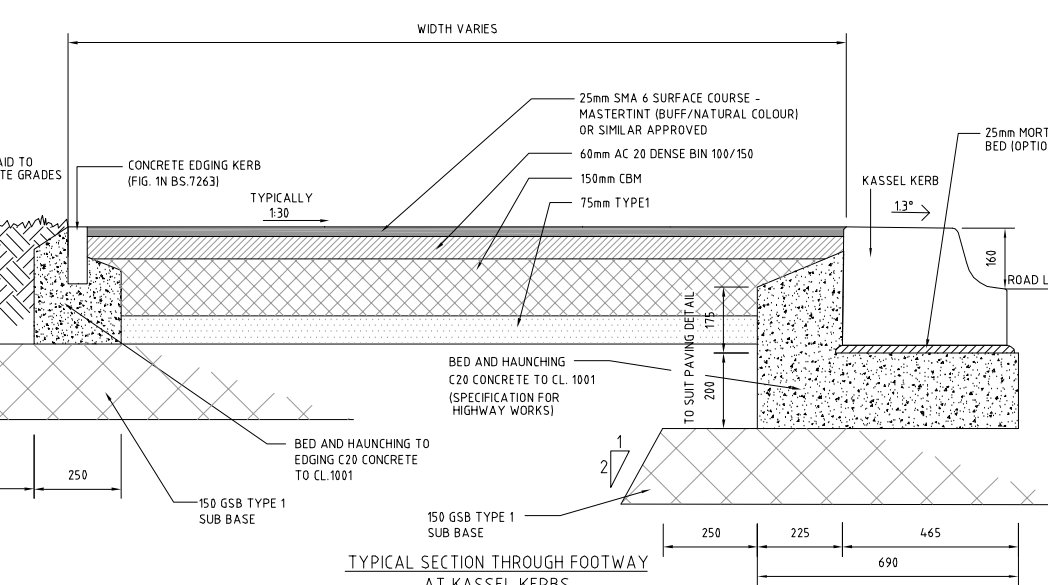


CARRIAGEWAY TIE-IN DETAIL



PLAN OF KASSEL KERB TYPICAL LAYOUT

ELEVATION OF KASSEL KERB AND TRANSITION DETAIL



TYPICAL SECTION THROUGH FOOTWAY AT KASSEL KERBS

- NOTES
1. THE ADJACENT ARRANGEMENT IS INDICATIVE ONLY. SERVICES SHOULD BE PLACED AT THE DEPTH AND WITHIN THE BEDDING AS REQUIRED BY THE APPROPRIATE UNDERTAKING AUTHORITY. SERVICE DUCT PROTECTION, TO THE SERVICE PROVIDER/HIGHWAY AUTHORITY REQUIREMENTS, WILL BE REQUIRED AT ALL ROAD CROSSINGS WHERE THE DEPTH OF COVER IS LESS THAN 12m.
  2. WHEREVER POSSIBLE SERVICES SHALL REMAIN WITHIN THE FOOTPATH.
  3. ALL SERVICES SHALL REMAIN OUTSIDE THE DRAINAGE EASEMENT ZONES.
  4. ALL SERVICES WITHIN OR CROSSING THE CARRIAGEWAY SHOULD BE LAID WITHIN DUCTS WITH ASSOCIATED DRAWPITS.
  5. NO SERVICE BOXES ARE TO BE LOCATED WITHIN TACTILE PAVING AREAS OR VEHICULAR CROSSOVERS.
  6. ALL STREET LIGHTING CABLES SHOULD BE LAID WITHIN DUCTS. EACH LENGTH OF DUCT SHALL BE CLEARLY AND DURABLY MARKED "STREET LIGHTING" AND SHALL BE COLOUR CODED TO SUIT N.J.U.G. AND L.A. REQUIREMENTS.
  7. ALL CONDUITS SHALL BE COVERED WITH TAPE MARKED LIVE CABLE. ONLY ONE TYPE OF CONDUIT SHALL BE USED WITHIN CONSECUTIVE INSPECTION CHAMBERS.
  8. ADJACENT CONDUITS IN TRENCHES MUST NOT TOUCH.
  9. COMPACTION OF BACKFILL MATERIALS SHALL BE IN ACCORDANCE WITH CLAUSE 612 SHW. THE USE OF GRANULAR SUB-BASE MATERIAL AS BACKFILL MATERIAL TO TRENCHES IN THE HIGHWAY SHOULD BE AVOIDED.
  10. ALL INSTALLATION SHALL BE IN ACCORDANCE WITH THE NATIONAL JOINT UTILITIES GROUP DOCUMENT NUJG7.
  11. THE CONTRACTOR SHALL ENSURE FULL COMPLIANCE WITH THE NEW ROADS AND STREET WORKS 1991.

Revision	Description	Date
D	MINOR REVISIONS	17/04/14
C	GENERAL REVISIONS	01/04/14
B	NOTES REVISED AND DETAIL ADDED	25/07/13
A	CONSTRUCTION ISSUE	14/03/13
08	KERB AND BEDDING DETAILS REVISED	25/09/12
07	KERB AND BEDDING DETAILS REVISED	14/09/12
06	UPDATED FOLLOWING OCC COMMENTS	27/07/12
05	UPDATED FOLLOWING OCC COMMENTS	25/06/12
04	UPDATED FOLLOWING OCC COMMENTS	20/04/12
03	DESIGN UPDATED FOLLOWING OCC COMMENTS	06/03/12
02	ADDITIONAL DETAILS ADDED	NOV 11
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FOR CONSTRUCTION

Scale	1:500	Author	M LLEWELIN
Original Size	A1	Checker	S.A.DAVIES
Height Datum	O.S.	Approver	S.A.DAVIES
Grid	O.S.	Copyright	reserved

Client

Hyder Consulting (UK) Limited  
HCL House  
St. Mellons Business Park  
Forran Road, St Mellons  
Cardiff  
CF3 0EY  
Tel: +44 029 20926700  
Fax: +44 029 20925222

Project

BICESTER ECO DEVELOPMENT EXEMPLAR SITE

Title

EXEMPLAR SITE (S278) CONSTRUCTION DETAILS

Drawing No.	Project No.	Issue
7220	UA001881	D