

SPINE ROAD (RESIDENTIAL SPECIFICATION)		
	CONSOLIDATED THICKNESS (mm)	SPECIFICATION
1	SURFACE COURSE	30
2	BINDER COURSE	60
3	BASE COURSE	150 (min)
4	SUB BASE	SUBJECT TO CBR
5	CAPPING	SUBJECT TO CBR

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.

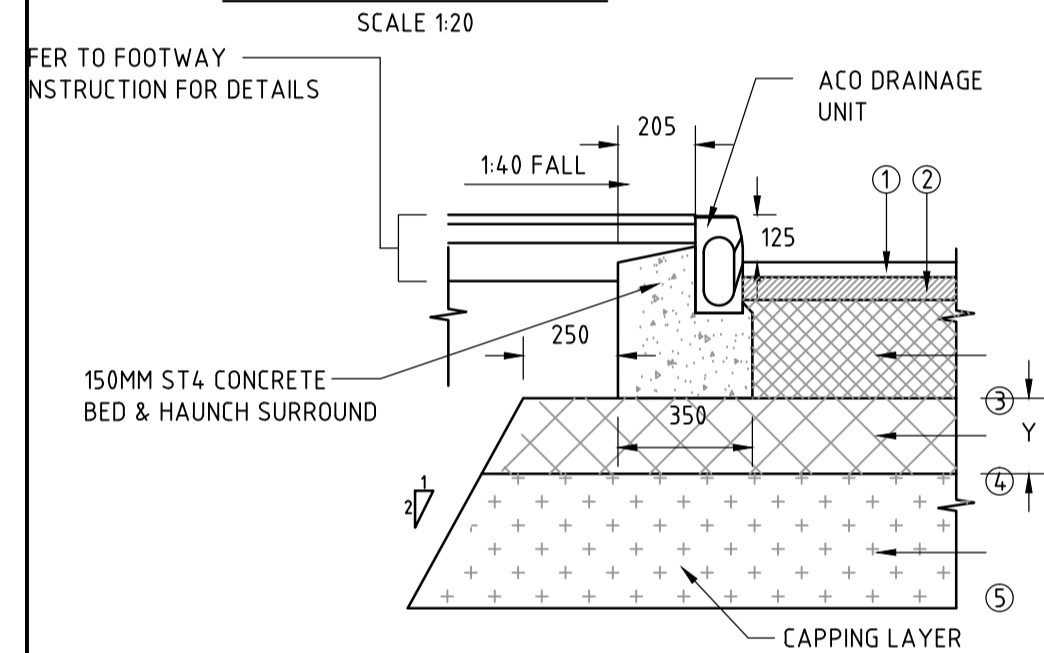
ALL MATERIALS TO BE USED IN CARRIAGEWAY AND FOOTWAY CONSTRUCTION SHALL COMPLY WITH THE RELEVANT BRITISH STANDARDS, WHERE APPLICABLE AND WITH THE REQUIREMENTS OF THE SPECIFICATION FOR HIGHWAY WORKS HMSO 1991

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

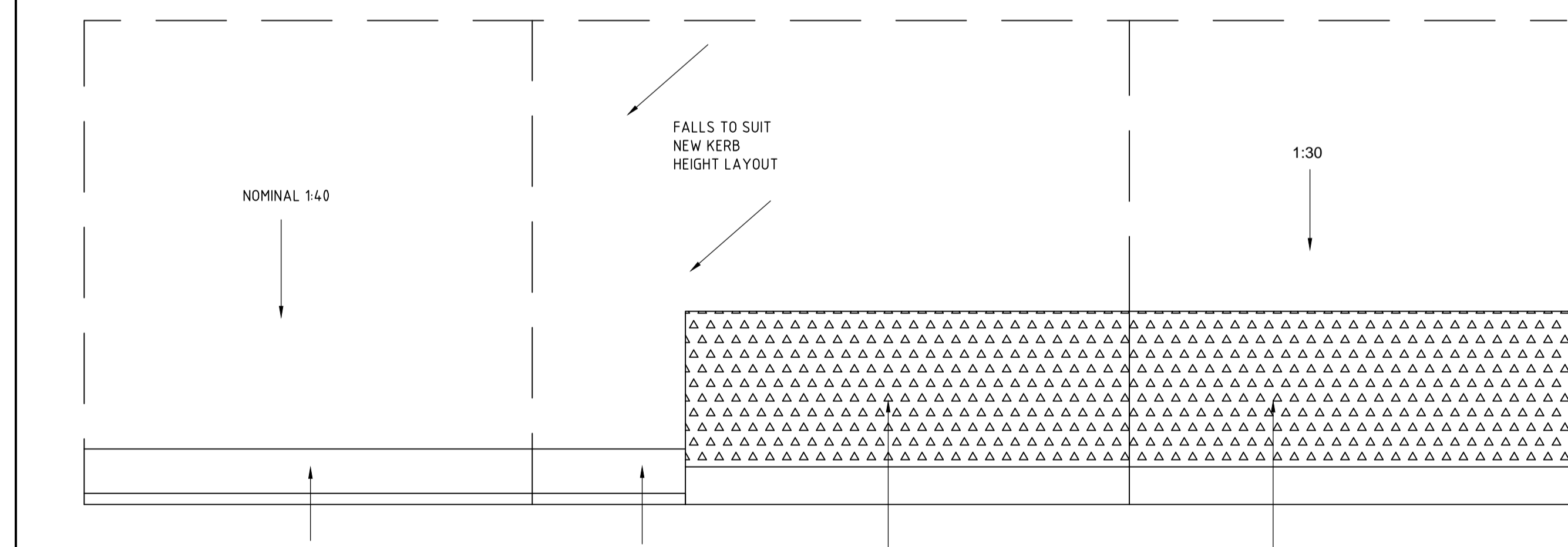
TABLE A

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
SCALE 1:20

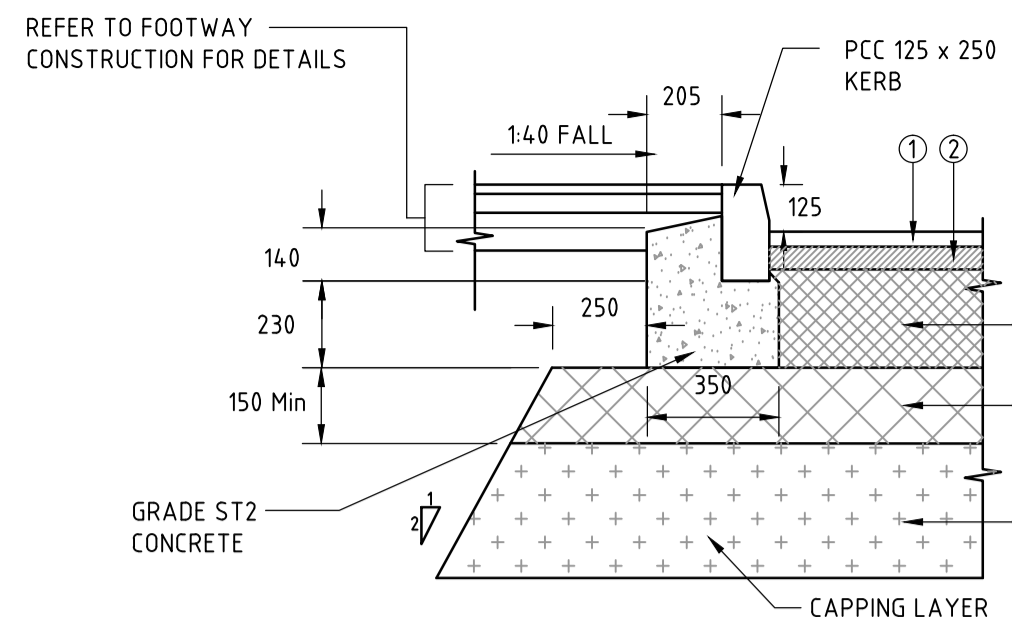
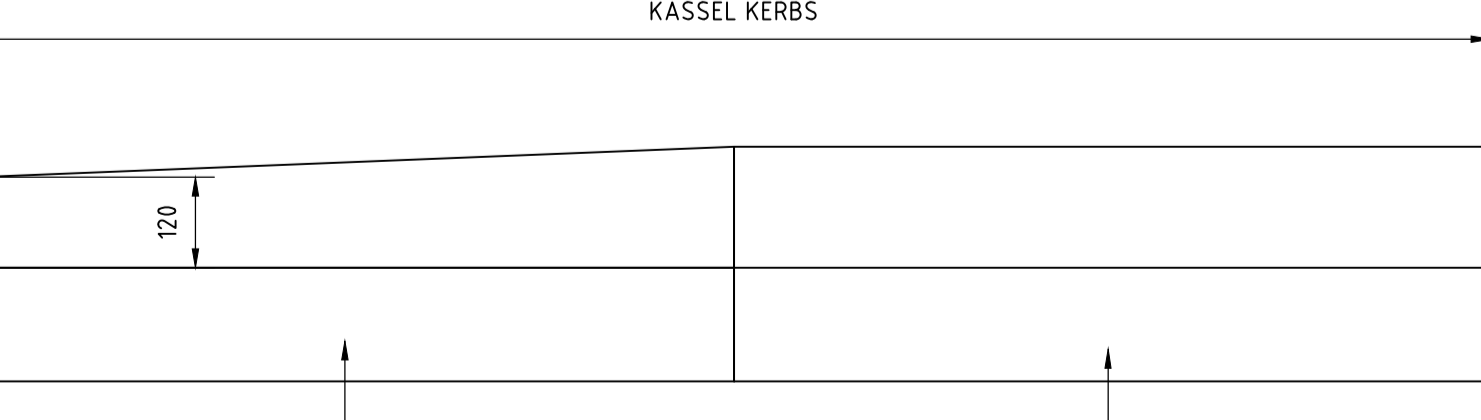


FULL ROAD CONSTRUCTION
KERB DRAINAGE
SCALE 1:20

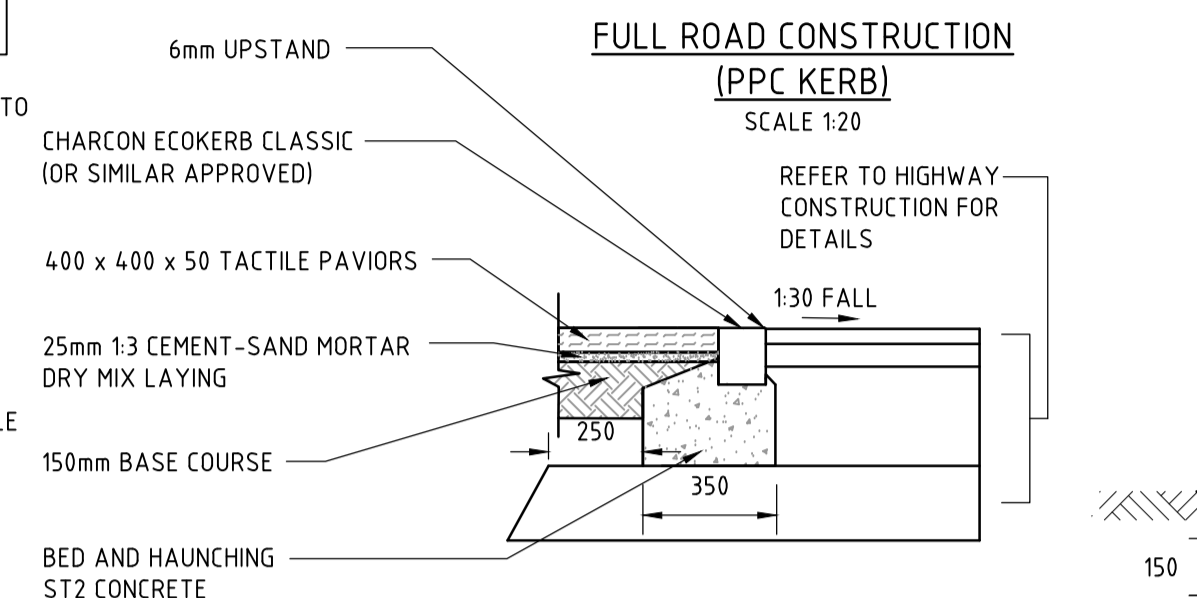


PLAN OF KASSEL KERB TYPICAL LAYOUT
SCALE 1:10

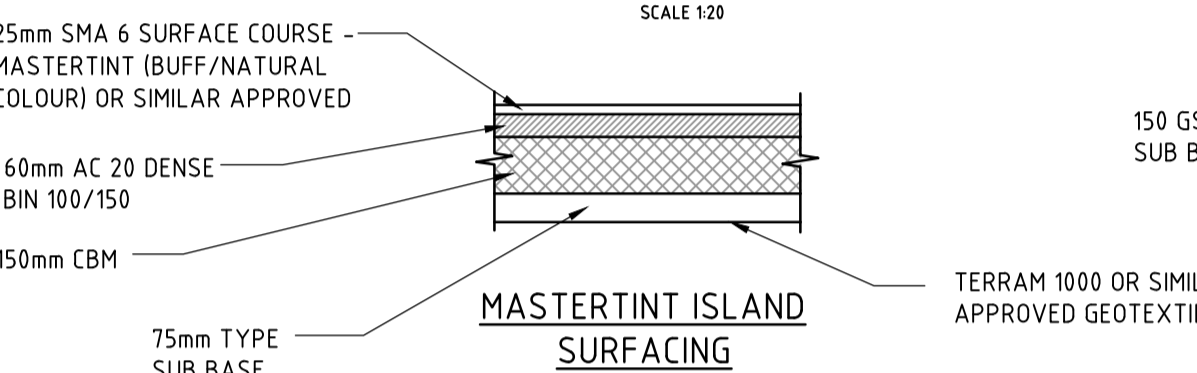
ELEVATION OF KASSEL KERB
AND TRANSITION DETAIL
SCALE 1:10



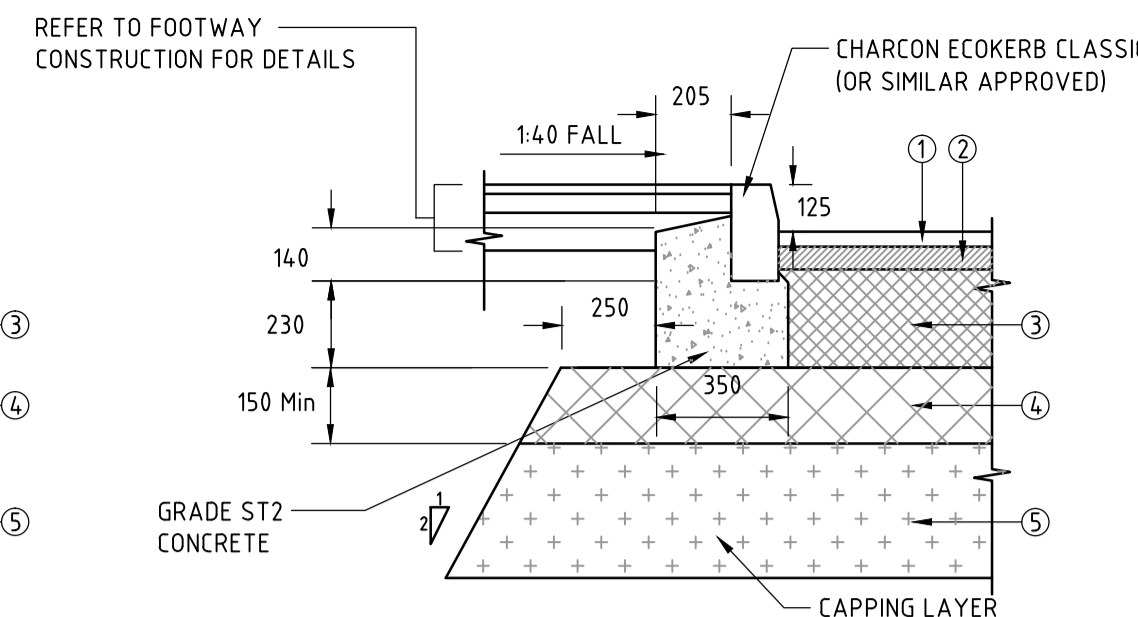
FULL ROAD CONSTRUCTION
(PPC KERB)
SCALE 1:20



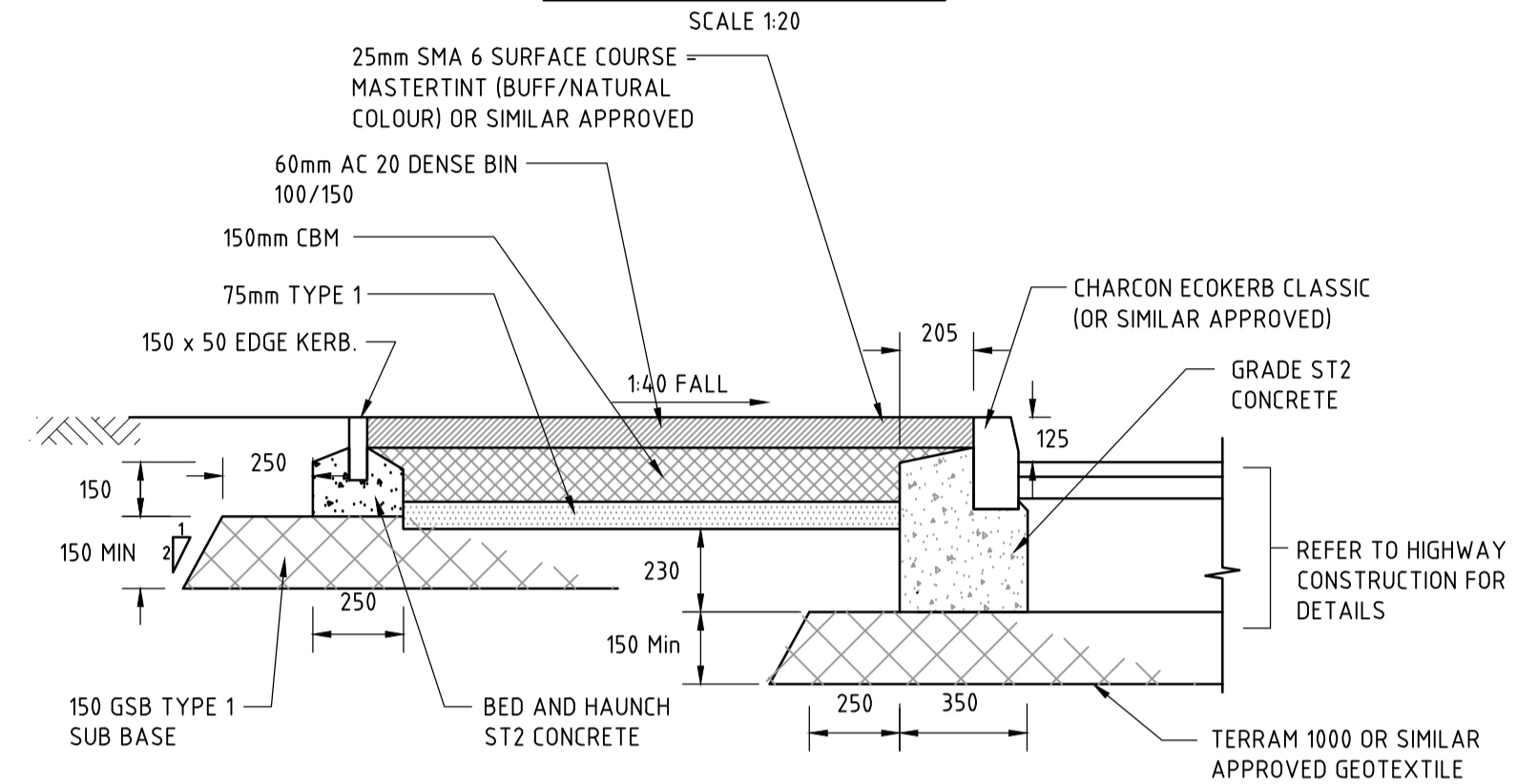
DROPPED KERB & TACTILE PAVIOR
SCALE 1:20



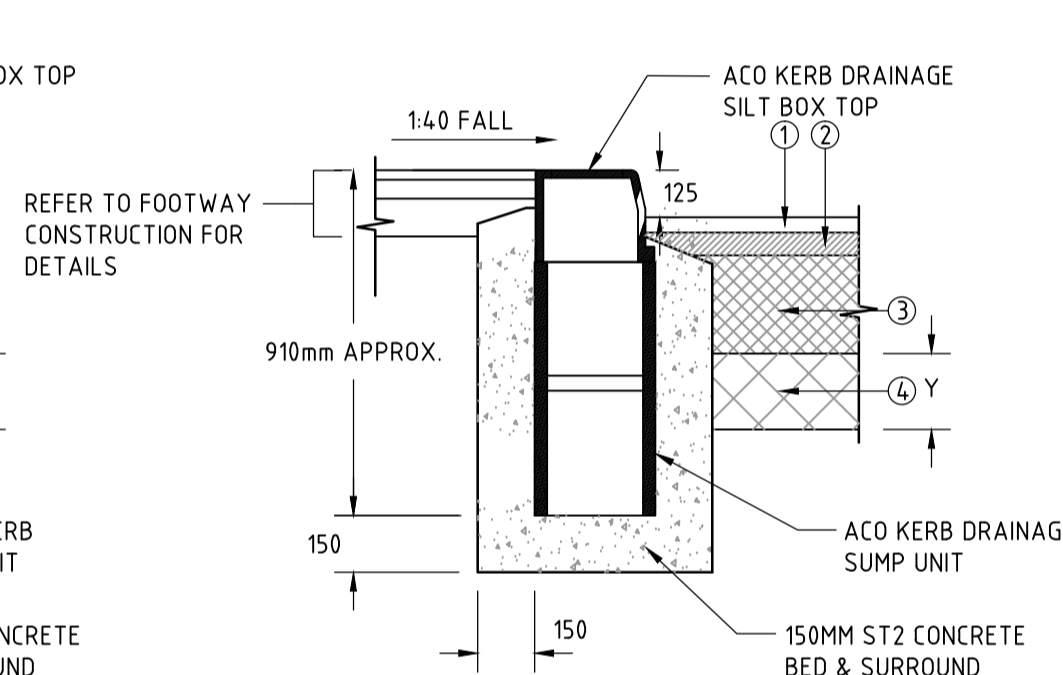
MASTERTINT ISLAND
SURFACING
SCALE 1:20



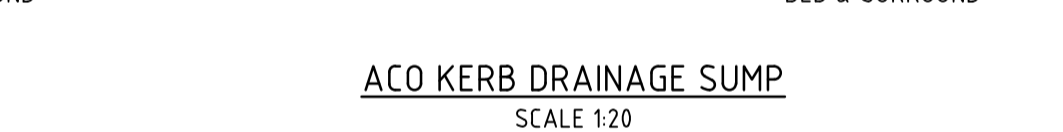
FULL ROAD CONSTRUCTION
SCALE 1:20



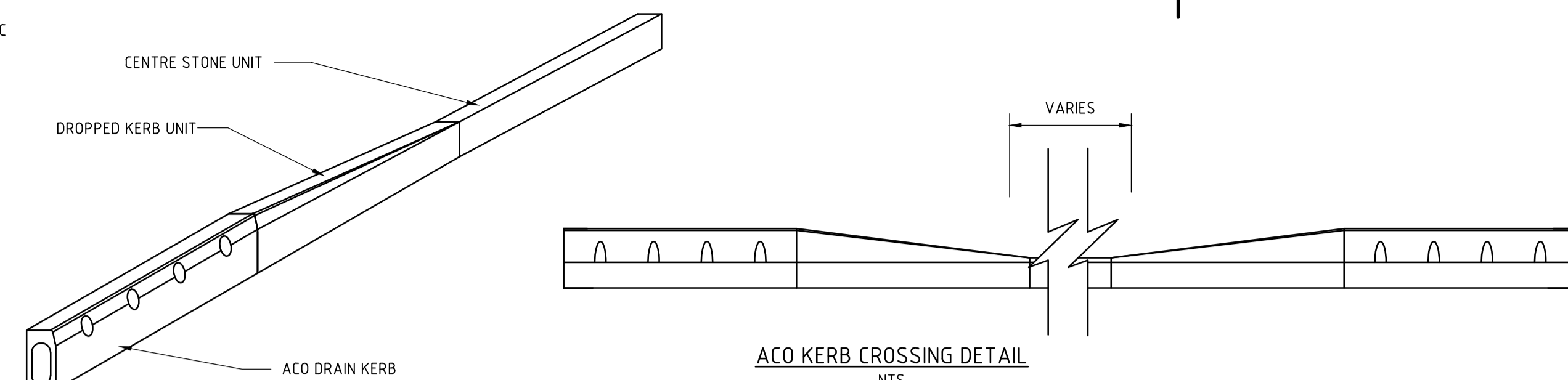
FOOTWAY CONSTRUCTION (KERB)
SCALE 1:20



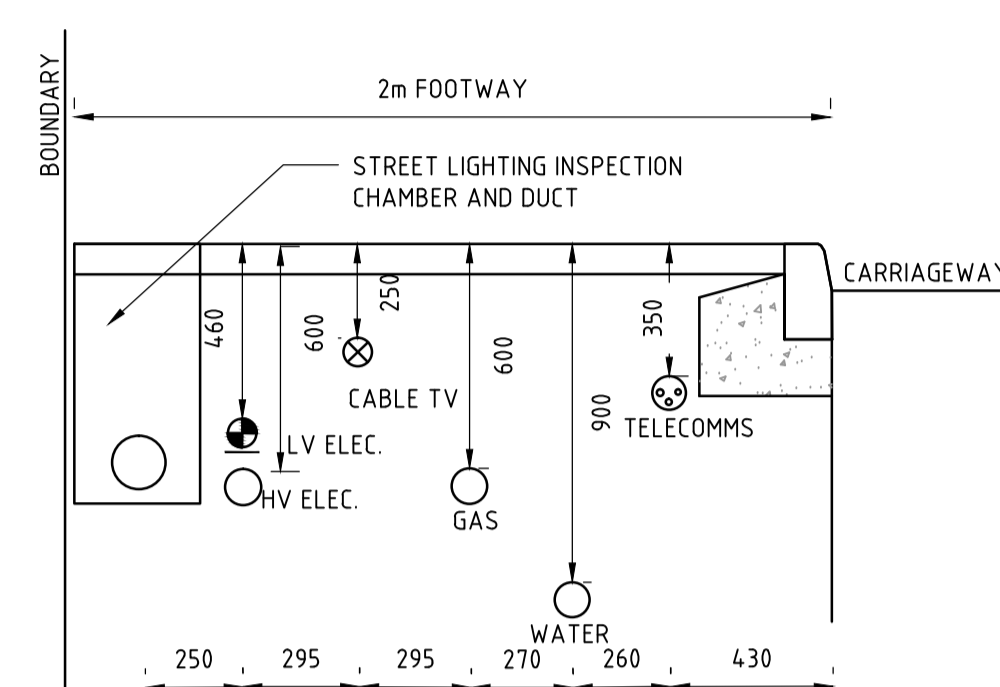
ACO KERB DRAINAGE SUMP OUTLET
SCALE 1:20



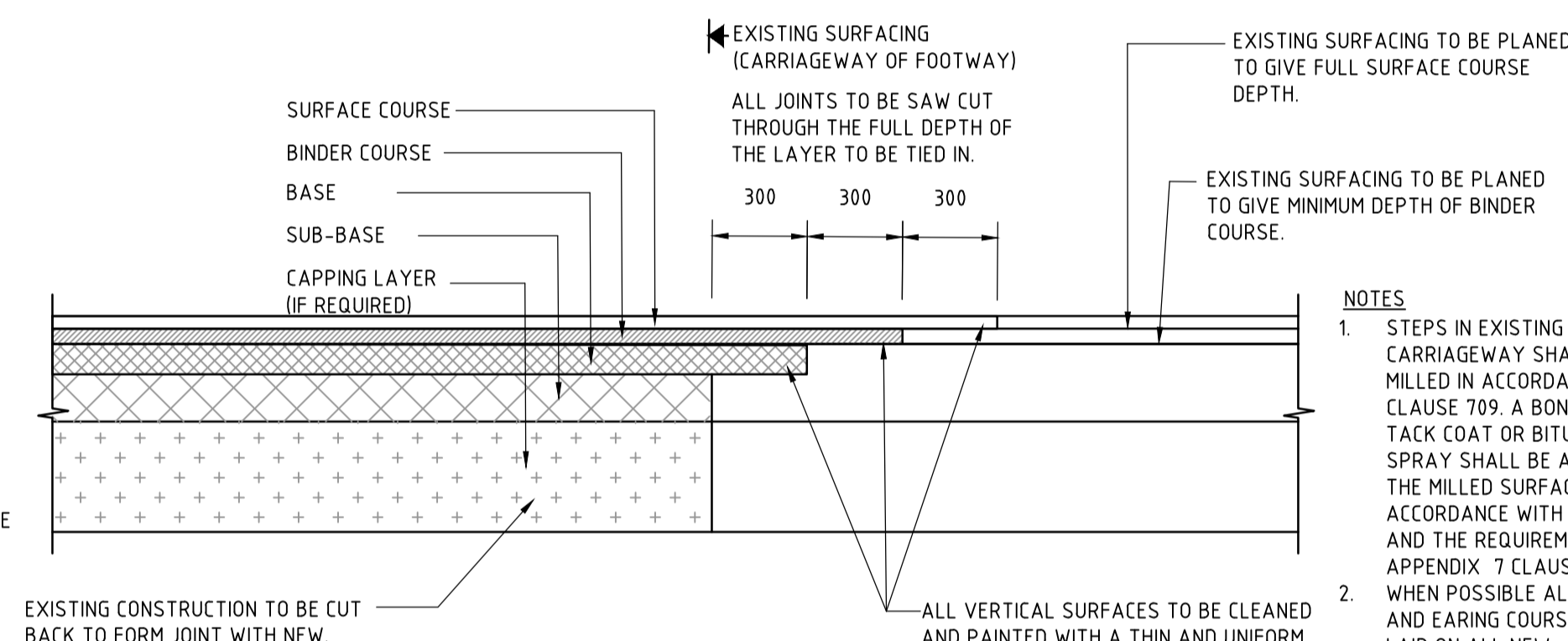
ACO KERB DRAINAGE SUMP
SCALE 1:20



ACO KERB CROSSING DETAIL
NTS



TYPICAL ARRANGEMENT OF MAINS
IN A 2m FOOTWAY
NOT TO SCALE.



CARRIAGEWAY TIE-IN DETAIL
SCALE 1:20

- 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 1.2m.
 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.
 8. ONLY ONE TYPE OF CONDUIT SHALL BE USED WITHIN CONSECUTIVE INSPECTION CHAMBERS.
 9. ADJACENT CONDUITS IN TRENCHES MUST NOT TOUCH.
 10. 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.
 11. ALL INSTALLATION SHALL BE IN ACCORDANCE WITH THE NATIONAL JOINT UTILITIES GROUP DOCUMENT NUUG7.
 12. THE CONTRACTOR SHALL ENSURE FULL COMPLIANCE WITH THE NEW ROADS AND STREET WORKS 1991.

Issue	Description	Date
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
01	FIRST ISSUE	APR 11

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	

File name: 7221-UA001881-UP210-08-S278-CONSTRUCTION DETAIL



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Project
**BICESTER ECO
DEVELOPMENT EXEMPLAR SITE**

Title
**EXEMPLAR SITE (S278)
CONSTRUCTION DETAILS**

Drawing No.	Project No.	Issue
7220	UA001881	08