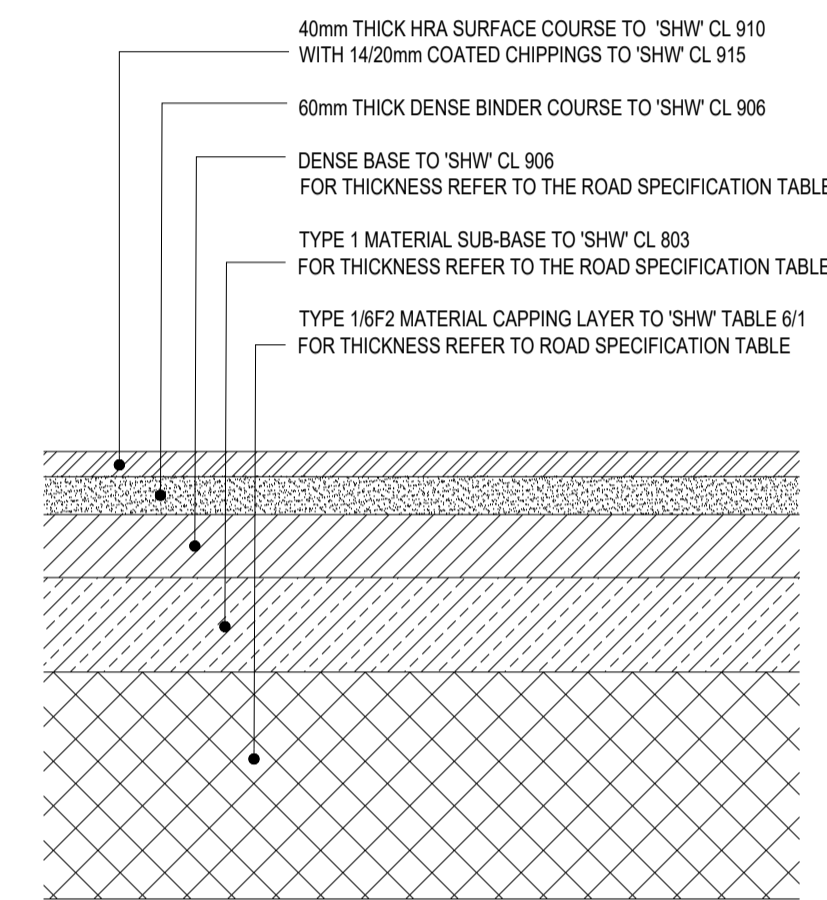


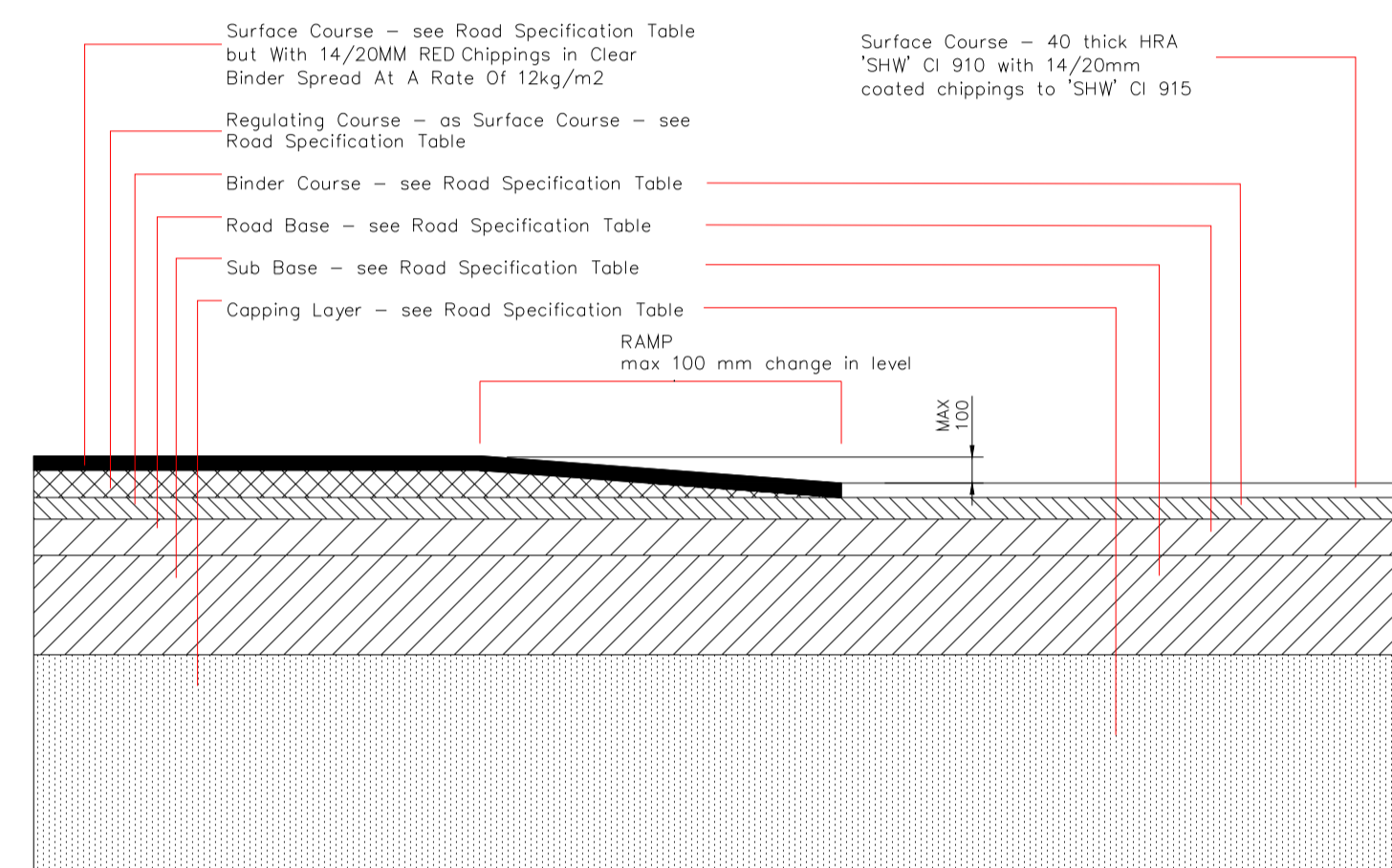
ROAD SPECIFICATION TABLE

| | CBR | CAPPING LAYER | | SUB BASE | | BASE | | SURFACE COURSE | |
|---|-----|---------------|--------|----------------|----------------|--------------|------|----------------|--|
| | | TYPE 1/6F2 | TYPE 1 | DENSE (CL.906) | DENSE (CL.906) | HRA (CL.910) | | | |
| LOCAL DISTRIBUTOR | >5 | - | 250mm | - | 170mm | 60mm | 40mm | | |
| | 2-5 | 350mm | 150mm | - | - | - | - | | |
| | <2 | 600mm | 150mm | - | - | - | - | | |
| INDUSTRIAL ACCESS ROAD | >5 | - | 250mm | - | 150mm | 60mm | 40mm | | |
| | 2-5 | 350mm | 150mm | - | 150mm | 60mm | 40mm | | |
| | <2 | 600mm | 150mm | - | 150mm | 60mm | 40mm | | |
| GENERAL ACCESS STREET (including minor access links and cul-de-sacs) | >5 | - | 250mm | - | 100mm | 60mm | 40mm | | |
| | 2-5 | 350mm | 150mm | - | 100mm | 60mm | 40mm | | |
| | <2 | 600mm | 150mm | - | 100mm | 60mm | 40mm | | |
| MINOR INDUSTRIAL ACCESS ROAD/UP TO 2,000 SQM COMMERCIAL PROPERTY | >5 | - | 250mm | - | 100mm | 60mm | 40mm | | |
| | 2-5 | 350mm | 150mm | - | 100mm | 60mm | 40mm | | |
| | <2 | 600mm | 150mm | - | 100mm | 60mm | 40mm | | |
| PATH OR FOOTWAY | - | - | - | - | - | 50mm | 30mm | | |
| DRIVEWAY CROSSING OF FOOTWAY | - | - | - | - | - | 80mm | 40mm | | |

The Certificate for the Capping Layer should be submitted to the Council prior to material being laid on site. Where site test and/or inspections show the initial depths of construction chosen to be inadequate, the Developer will be required to amend the Specification accordingly and take such measures as may be necessary to rectify works already completed. Block Paving and Permeable Paving are permitted alternatives for straight sections of GENERAL ACCESS STREET up to 50 dwellings where 80mm blocks with a 30mm depth of sand or gravel will be equivalent to binder and surface course. The Base layer is for protection to permeable sub-base prior to laying of blocks and laying course. Immediately prior to laying blocks, the Base surface to be cleaned then drilled with 100mm diameter holes at 1m spacing centres. Holes to be filled with aggregate as per laying course. Holes to be drilled or core cut in areas of porous block paving only. Road not to be trafficked by construction vehicles after blocks have been laid. No frost susceptible material shall be used down to 450mm.



ASPHALT CARRIAGEWAY CONSTRUCTION DETAIL



TYPICAL SECTION THROUGH SPEED TABLE / RAISED JUNCTION SCALE N.T.S.

RAISED TABLE NOTES:

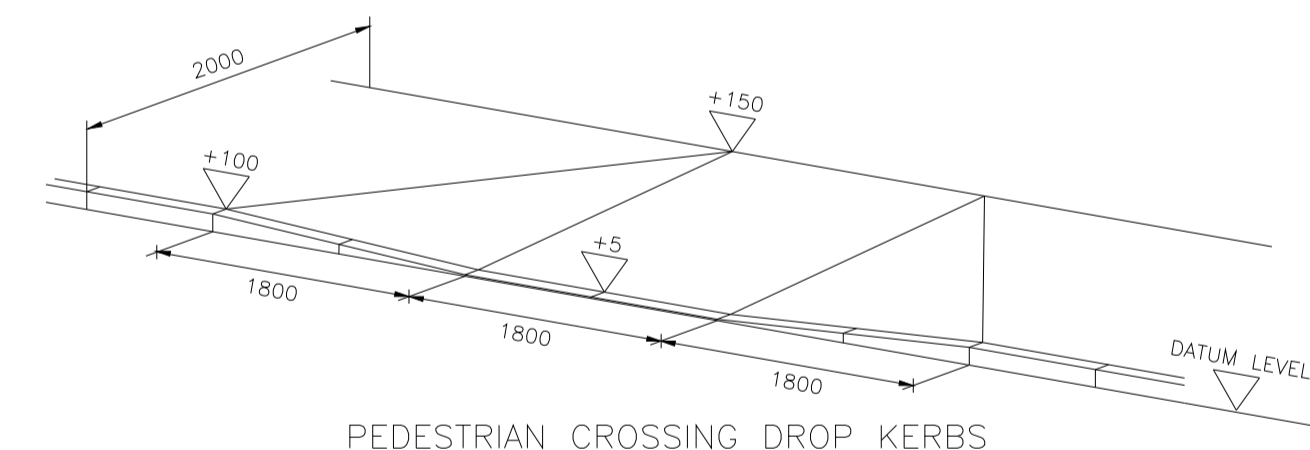
THE MINIMUM HEIGHT OF THE RAISED TABLE IS 75mm AND MAXIMUM HEIGHT IS 100mm.

THE RAMP GRADIENT SHOULD BE 1 IN 20 ON MAIN ROUTES INCLUDING ANY ROUTE USED BY BUSES THEREFORE FOR A 100mm HIGH RAISED TABLE THE RAMP LENGTH IS 2m.

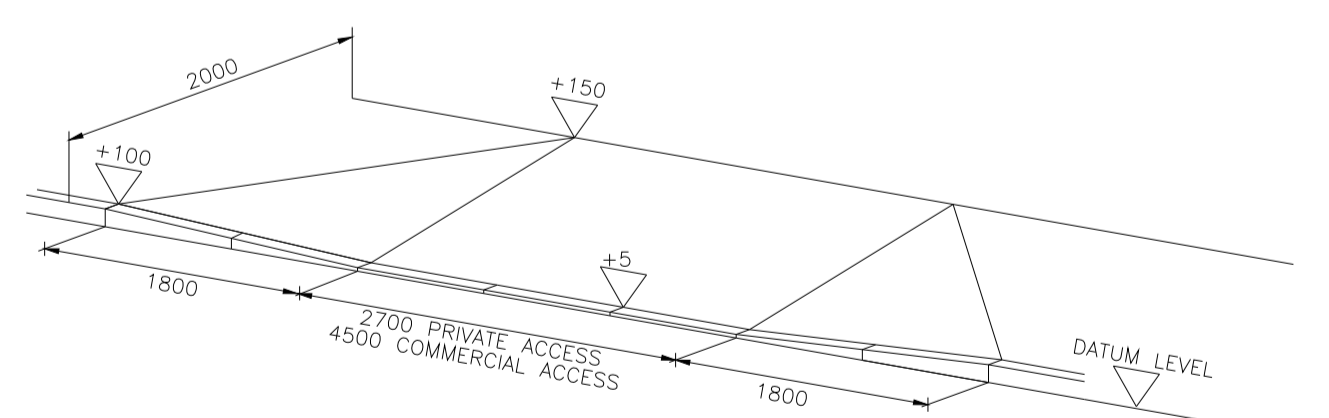
IN RESIDENTIAL AREAS THE RAMP GRADIENT SHOULD BE 1 IN 12 THEREFORE FOR A 100mm HIGH RAISED TABLE THE RAMP LENGTH IS 1.2m.

THE HRA SURFACE COURSE SHOULD HAVE 14/20mm COATED RED CHIPPINGS AS PER SHW CL 915 ON THE RAMP AND THE RAISED TABLE.

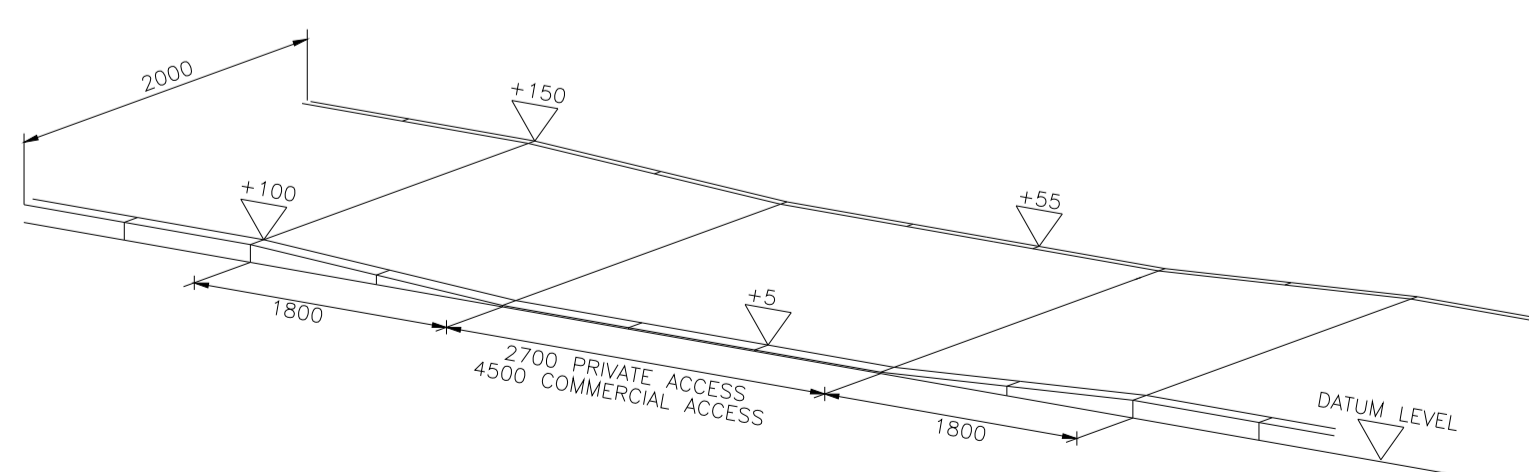
TRIANGULAR MARKINGS TO BE PROVIDED ON RAMP AS PER CHAPTER 5 SECTION 10 OF THE TRAFFIC SIGNS MANUAL 2018.



PEDESTRIAN CROSSING DROP KERBS



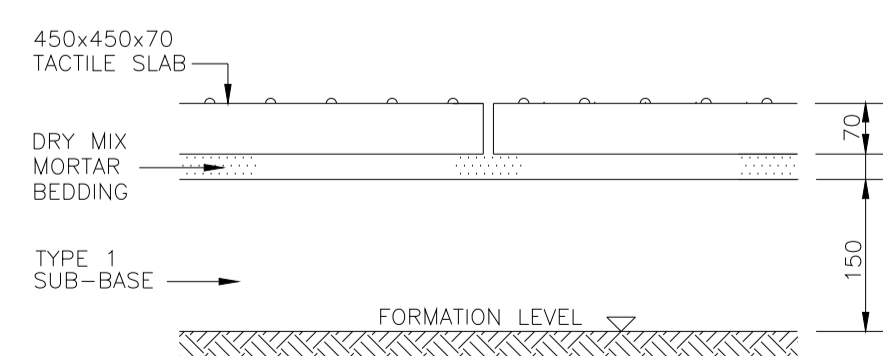
VEHICULAR ACCESS DROP KERBS TYPE 1



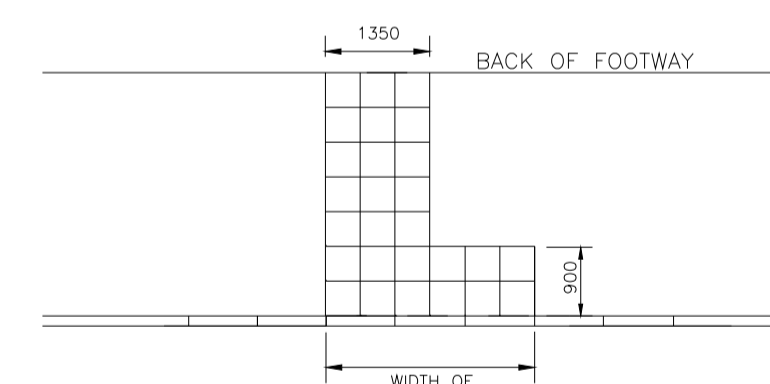
VEHICULAR ACCESS DROP KERBS TYPE 2

TACTILE PAVING NOTES

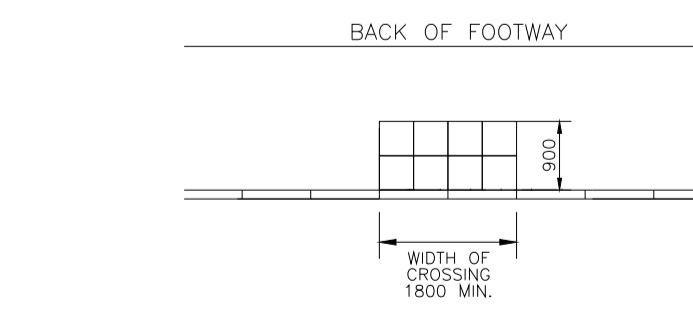
- TACTILE SLABS TO BE 450mm x 450mm x 70mm THICK AND HAVE BLISTER PATTERN.
- THE LAYOUT OF TACTILE PAVING SHALL BE IN ACCORDANCE WITH "DETR GUIDANCE ON THE USE OF TACTILE PAVING SURFACES".



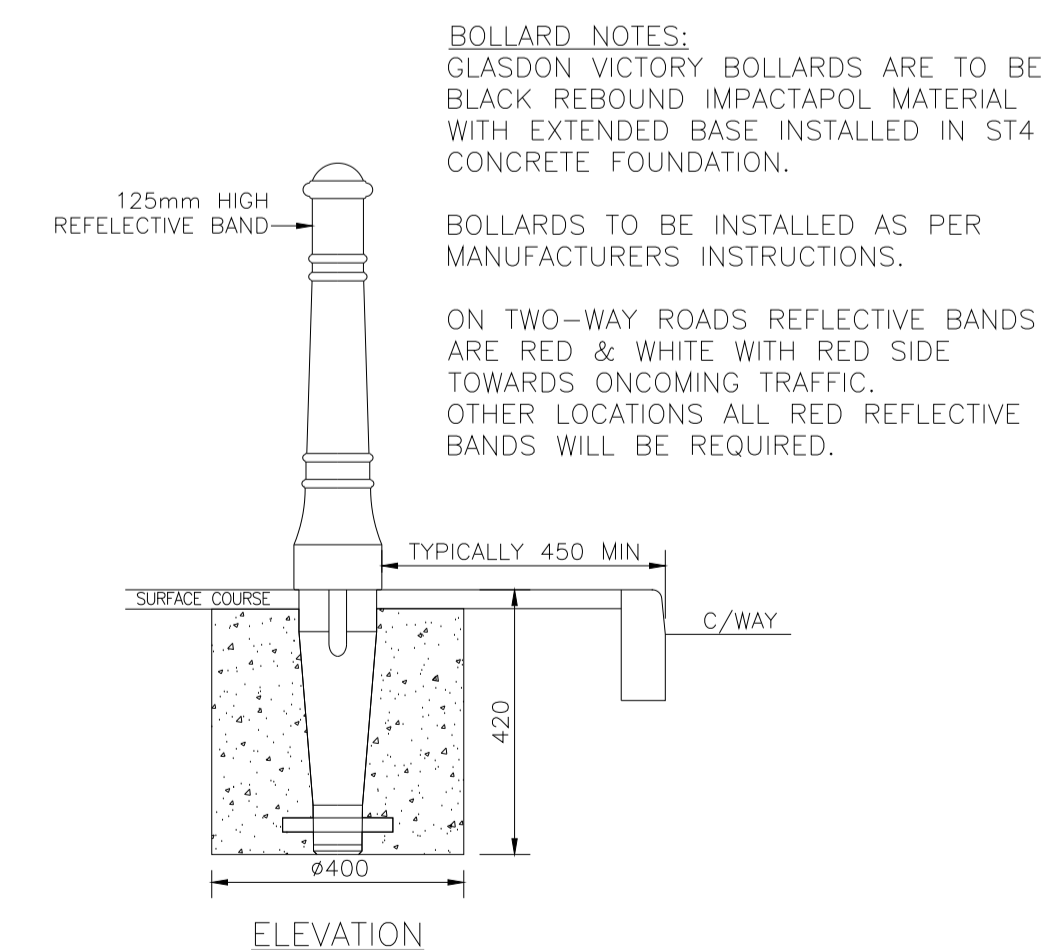
TYPICAL CROSSING CROSS SECTION TACTILE PAVING SLABS



TYPICAL LAYOUT AT CONTROLLED PEDESTRIAN CROSSING RED COLOURED TACTILE PAVING SLABS



TYPICAL LAYOUT AT UNCONTROLLED PEDESTRIAN CROSSING BUFF COLOURED TACTILE PAVING SLABS



VICTORY BOLLARD (EXTENDED BASE) DETAIL

BOLLARD NOTES: GLASDON VICTORY BOLLARDS ARE TO BE BLACK REBOUND IMPACTAPOL MATERIAL WITH EXTENDED BASE INSTALLED IN ST4 CONCRETE FOUNDATION.

BOLLARDS TO BE INSTALLED AS PER MANUFACTURERS INSTRUCTIONS. ON TWO-WAY ROADS REFLECTIVE BANDS ARE RED & WHITE WITH RED SIDE TOWARDS ONCOMING TRAFFIC. OTHER LOCATIONS ALL RED REFLECTIVE BANDS WILL BE REQUIRED.

NOTES

- ALL DIMENSIONS IN MILLIMETRES.
- 'SHW' REFERS TO THE LATEST EDITION OF THE 'SPECIFICATION FOR HIGHWAY WORKS' VOLUME 1 OF THE MANUAL OF CONTRACT DOCUMENTS FOR HIGHWAY WORKS.
- CONCRETE KERBS TO COMPLY WITH BS EN 1340:2003 AND CLAUSE 1101 OF THE SPECIFICATION FOR HIGHWAY WORKS.
- KERB FOUNDATION AND HAUNCHING TO BE GRADE ST4 CONCRETE MIX.
- KERBS TO BE LAID DIRECTLY ON THE CONCRETE FOUNDATION WHILE CONCRETE IS STILL PLASTIC. HAUNCHING TO BE LAID WHILE FOUNDATION IS STILL PLASTIC IN ONE OPERATION. ALTERNATIVELY, KERBS CAN BE LAID ON A FOUNDATION PREVIOUSLY LAID AND BEDDED ON A LAYER OF CLASS 1 MORTAR 20mm THICK.
- IN AREAS SUBJECTED TO HEAVY LOADING, THE FOUNDATION AND HAUNCHING SHOULD BE LAID MONOLITHIC WITH FRESH CONCRETE, OR DOWEL BARS SHOULD BE FIXED IN THE BASE AND EXTENDED INTO HAUNCHING. DOWEL BARS MAY BE OMITTED IF THE HAUNCHING IS ADEQUATELY RESTRAINED BY ADJACENT MATERIAL.
- ALL KERBS TO BE LAID WITH A 2mm GAP, EXCEPT KERBS LAID TO A RADIUS OF LESS THAN 40mm, WHICH SHALL BE LAID WITH AN AVERAGE GAP OF 6mm AND POINTED WITH CLASS 1 MORTAR.
- FOR RADII OF 12m OR LESS, KERBS OF APPROPRIATE RADIUS SHALL BE USED AS PER BS EN 1340:2003.
- TRANSITION KERBS SHALL BE USED AT ALL CHANGES IN KERB TYPE.
- KERBS MUST BE CUT BY APPROVED MECHANICAL MEANS, THE LENGTH OF ANY CUT KERB SHALL NOT BE LESS THAN 450mm.

| REVISION | DETAILS | BY | DATE |
|----------|---|----|-------|
| A | Alterations made to Speed Table/ Raised Junction Detail | MG | 09/22 |

East Lothian Council
Road Services
John Muir House
Haddington
East Lothian
EH41 3HA
01620 827827

**RCC STANDARD DRAWINGS
ROAD CONSTRUCTION DETAILS**

| | |
|---|---|
| Date: DECEMBER 2020 Scale: NOT TO SCALE Client: - | Drawn by: EL Checked by: GO Dwg status: - |
|---|---|