

Notes:

- All dimensions in millimetres unless otherwise stated.
- Kerbs shall be precast concrete kerbs complying with BS EN 1340 and Clause 1101 of The Specification for Highway Works.
- Mix sulphate resistant concrete kerb base to Clause 2602 shall be laid on the sub-base, and shall be a minimum thickness of 150mm. Sub-base shall be excavated where necessary to achieve 150mm thickness. Re-compact distributed sub-base prior to construction of kerb base. The kerb base and backing will normally be laid in one operation. However, where concrete base is laid in advance of kerbs, 200 x 20mm diameter mild steel dowel bars will be required in backing at 450mm centres. Kerbs will then be laid on 10mm thickness cement mortar designation (i) Bed to Clause 2404.
- Where excavation into existing carriageway is required, a trench shall be excavated of sufficient depth and width to accommodate the complete base, bed and backing of the kerb type scheduled, whilst providing sufficient space for the necessary use of mechanical lifting apparatus.
- Where it is required to lay kerbs to radii less than 12 metres, hydraulically pressed radius kerbs to the appropriate radius shall be used and consideration shall be given to the use of shorter kerbs where the alignment requires such kerbs to achieve a satisfactory line without large joints. Granite kerbs may be required in conservation areas.
- The maximum gap between kerbs shall be 3mm. Any gap wider than 3mm shall be flash pointed with cement mortar.
- The appropriate 914mm long precast concrete transition kerb shall be installed at each change in kerb type, tie-ins to existing terminations.
- Installation of dowel bars may also be instructed by the Engineer at locations where standard kerbs are considered to be vulnerable to damage caused by vehicle impact.
- The minimum length of any cut kerb shall be 450mm.

Revisions



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Client: Swindon Borough Council

KERBS, CHANNELS & EDGINGS

Designed DW	Scale NTS	Date MAR 2017	Revision
Drawn MA	Drawing no. SBC/STD/1100/01		A
Checked SG			



1. All dimensions in millimetres unless otherwise stated.
2. See Drawing No. SBC/STD/1100/01 for details of kerbs, channels and edgings, haunch bedding and mortar.
3. See Drawing Nos. SBC/STD/700/01 to 07 for details of pavement specification and construction thickness.
4. For details of vehicular crossings, see drawing no SBC/STD/700/06.
5. 1m deep rootbarrier required beyond edgings/kerbs when located adjacent to planting (private or adoptable) and adjacent to cycleway.

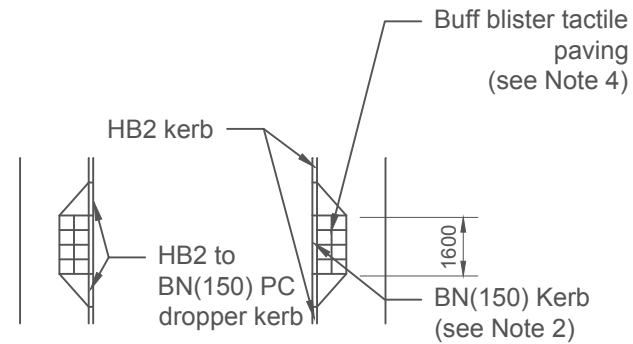
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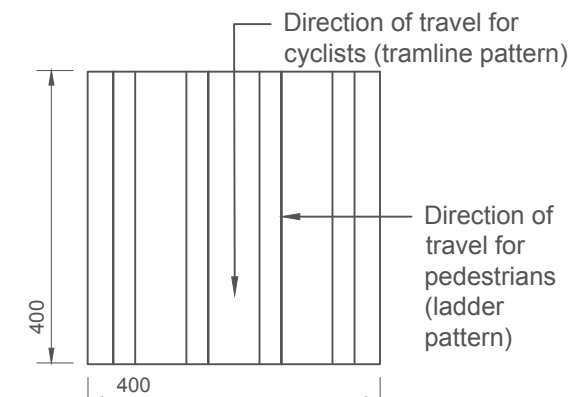
Client: Swindon Borough Council

CARRIAGEWAY & FOOTWAY EDGE DETAILS

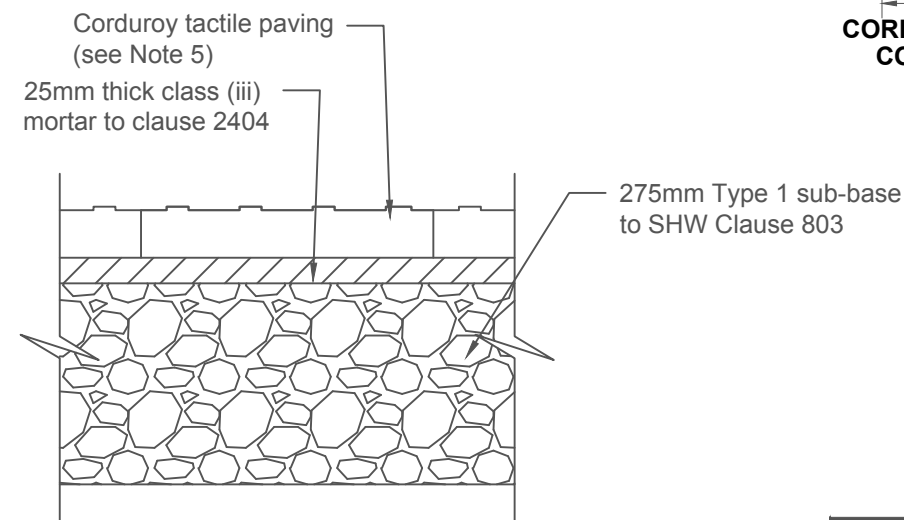
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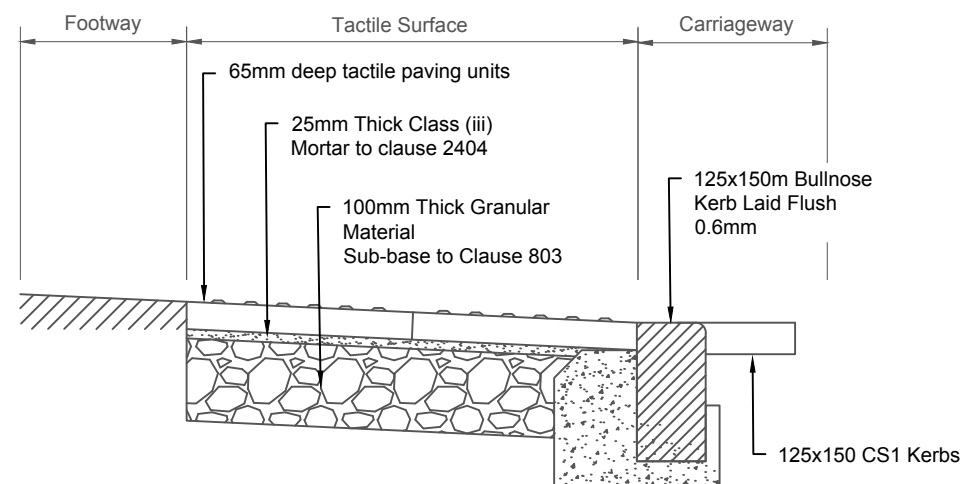
BLISTER PAVING AT UNCONTROLLED PEDESTRIAN CROSSING AWAY FROM THE JUNCTION



CORDUROY TACTILE PAVING CONSTRUCTION DETAIL



CORDUROY TACTILE PAVING BEDDING DETAIL



TACTILE PAVING BEDDING DETAIL

Notes:

1. All dimensions in millimetres unless otherwise stated.
2. See Drawing No. SBC/STD/1100/01 for details of kerbs, channels and edgings, haunch bedding and mortar.
3. See Drawing No. SBC/STD/700/01 to 07 for details of pavement specification and construction thickness.

Blister paving at an uncontrolled pedestrian crossing

4. Buff (unless in a Conversation Area) coloured blister tactile slabs shall be 400 x 400 x 65mm thick minimum manufactured to BSEN 1339 and BS 7997. Where a service cover occurs within an area of tactile flag paving the contractor shall apply 'stick-on' tiles to the surface area of the cover to provide continuity of pattern. The tiles shall match the surrounding tactile in pattern colour and shall be as supplied visual designs ltd or equivalent. All installed in accordance with manufacturers instructions. Dimensions and other layouts to be in accordance with manufacturers instructions. Dimensions and other layouts to be in accordance with DETR "Guidance on the use of Tactile Paving Surfaces; Chapter 1".

Corduroy paving for segregated pedestrian/cycle facilities

5. Buff coloured corduroy tactile slabs shall be 400 x 400 x 65 thick minimum manufactured to BSEN 1339 and BS 7997 and shall be used at the beginning of and end of segregated pedestrian/cycle routes, at regular intervals along the route and at junctions with other pedestrian and cycle routes. Dimensions and layouts to be in accordance with DETR "Guidance on the use of Tactile Paving Surfaces; Chapter 1".
6. 'Tacpad' or similar approved may be used instead of the tactile slabs

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DETAILS OF HAZARD PAVING

Designed DW	Scale NTS	Date MAR 2017	Revision
Drawn MA	Drawing no. SBC/STD/1100/03		A
Checked SG			



1. All dimensions in millimetres unless otherwise stated.
2. See Drawing No. SBC/STD/1100/01 for details of kerbs, channels and edgings, haunch bedding and mortar.
3. See Drawing No. SBC/STD/700/01 to 07 for details of pavement specification and construction thickness.
4. Retention socket (NAL or similar approved) is preferred method.

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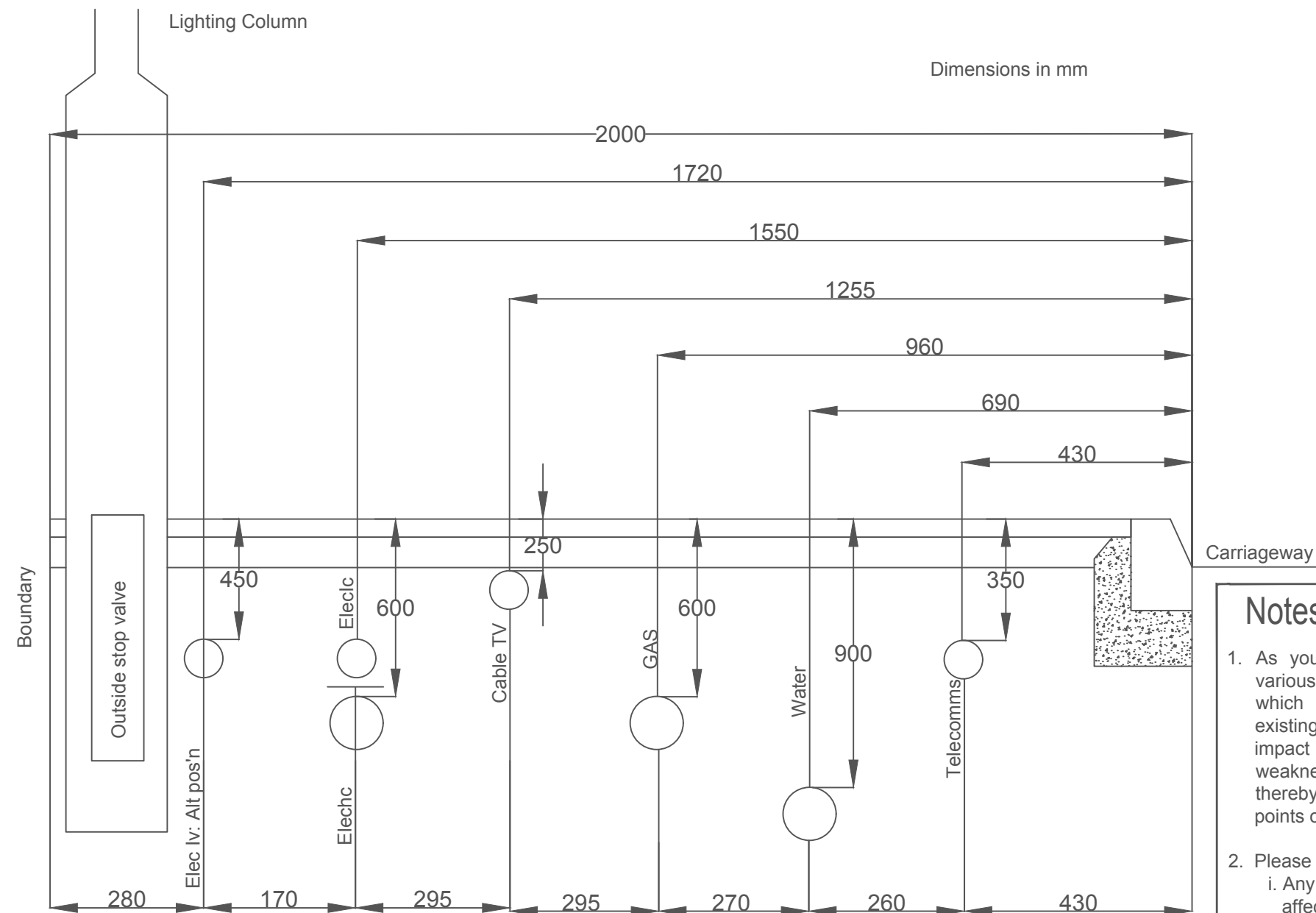
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LAMP COLUMN
BUILD OUT

Designed DW	Scale NTS	Date MAR 2017	Revision A
Drawn MA	Drawing no.		
Checked SG	SBC/STD/1100/04		



Recommended arrangement of mains in a 2m footway including cable TV duct based on NJUG publication No.7

Notes:

- As you are aware, new developments require various utility services to be supplied to them which results in a number of trenches across existing carriageways and footways. This has an impact of introducing a number of areas of weakness in relatively short sections of highway thereby reducing the design life and introducing points of potential early failure.
- Please therefore note:
 - Any areas of existing carriageway that are affected by the installation of new service trenches/road crossings (including sewers) for any development are required to be planned and resurfaced, full carriageway width by length of trench (minimum length to be 15m if trench shorter than this).
 - Any areas of existing footway/cycleway that are affected by installation of new service trenches (including sewers) for any development are required to be planned and resurfaced, full carriageway width by length of trench (minimum length to be 15m if trench shorter than this).
- These areas should be clearly shown on the S38 & S278 plans as 'existing highway affected by the works' prior to Technical Approval being granted. Where services information is not available prior to Technical Approval, the above bullet points should be added as notes to all plans and be identified to the contractor.

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DISPOSITION OF SERVICES IN FOOTWAYS

Designed DW	Scale NTS	Date MAR 2017	Revision
Drawn MA	Drawing no. SBC/STD/1100/05		A
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