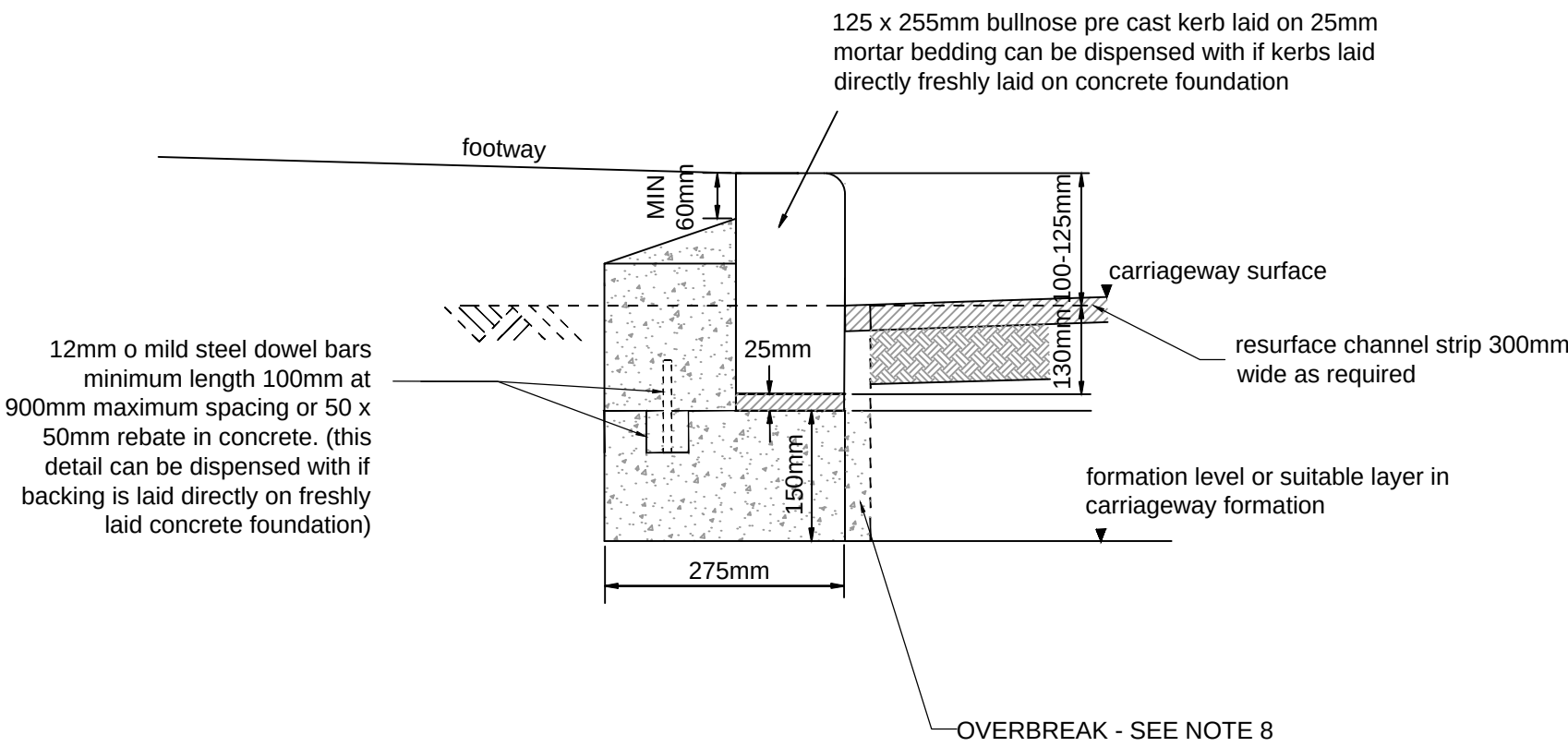
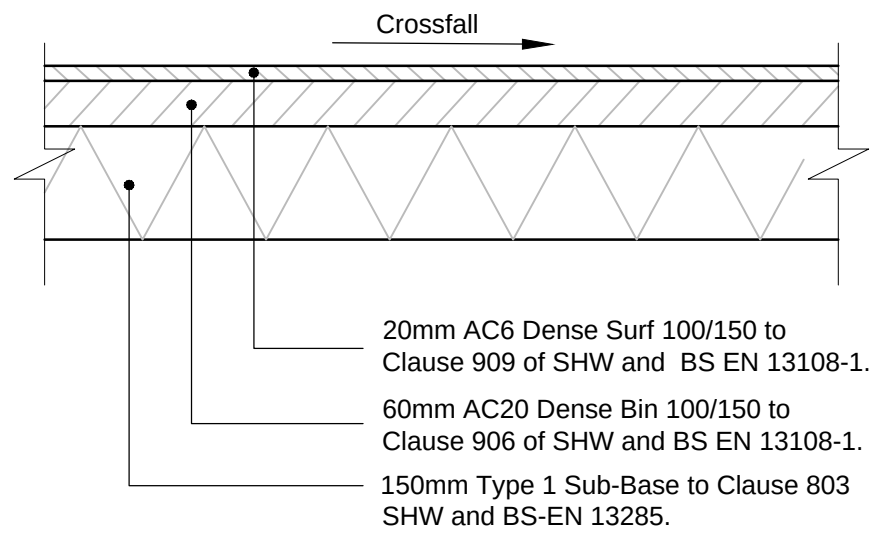




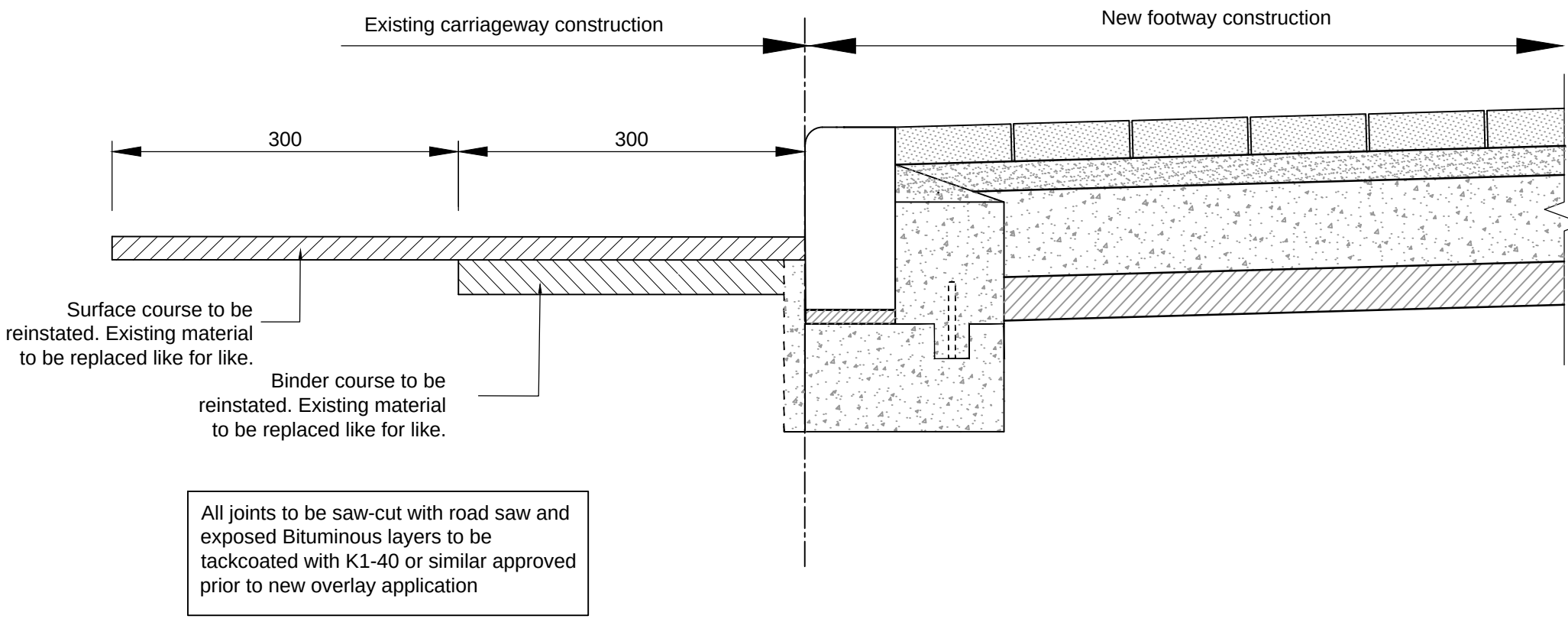
NEW BULLNOSE PRECAST KERB
DETAIL

1 Scale: 1:10



Asphalt Footway Construction Detail

2 Scale: 1:10



TYPICAL TIE IN DETAIL

3 Scale: 1:10

NOTES

1. General:

- Refer to Conisbee drawing nos. C7000 for plans.
- All dimensions are in millimetres (mm) unless stated otherwise.
- The SHW acronym refers to the Manual of Contract Documents for highways works - Volume 1 Specification for highways works.
- Contractor to undertake CBR test as required at sub-base formation level.
- Any soft spots in the formation are to be reported to the engineer prior to commencement of any pavement works. All soft spots shall be removed and replaced with a fill material to the design engineer's specification.
- HEALTH AND SAFETY: The works shall be carried out by specialist competent and experienced contractors who are members of a recognised national organisation. Operatives shall have received full and appropriate training for the operations they are to undertake. All work shall be carried out in accordance with all pertinent Health and Safety Regulations.

2. Kerbs

- Kerb units are to be compliant to BS EN 1340:2003 or BS EN 1343:2001.
- All kerb units are to be laid in accordance with the requirements of BS 7533-6:1999
- Kerb foundation movement joints are to be formed using a compressible joint filler board in accordance with SHW 1015
- Concrete Bedding and backing shall be type ST1 to clause 2602 Table 26/1
- cement shall be ordinary portland cement to BS EN 197-1
- Cut lengths of kerb are to be cut using a disc cutter min. length 450mm
- In the case of new carriageway construction the sub-base layer is extended 300mm beyond the back of kerb foundation the contractor shall allow for filling in between the road sub-base and the footway formation with sub base material in the rate for kerbing.
- Reconstruction of existing carriageway channel measured separately
- Kerbs laid in existing carriageway formation - rate to include infill of overbreak in front of kerb with concrete type ST1 to binder course finish level.

6. Concrete Pavers

- Concrete pavers shall comply with BS EN 1338:2003
- Concrete pavers are to be laid in accordance with the requirements of BS 7533-3:2005 (+A1:2009).
- Laying material shall conform to BS EN 12620:2002 Gf 85 0/4 (MP) fine aggregate. Fines category varies depending upon categories defined in BS 7533-3 Table D.1
- Jointing material shall conform to BS EN 12620:2002 Gf 85 0/1 (FP) fine aggregate. Fines category I2
- Apply jointing sand and stabilising block sealer to finish surface in accordance with manufactures instructions.
- Depth of ST2 concrete varies according to depth of blocks and as detailed in bill of quantities.
- Clause numbers related to dept. of transport specification for highway works amended as appropriate.
- Construction specification as detailed in appendix 11/1

7. Asphalt Surfacing

- All bituminous mixtures for **AC** designated materials shall be in accordance with BS EN 13108-1
- All bituminous mixtures for **HRA** designated materials shall be in accordance with BS EN 13108-4
- All bituminous mixtures for **SMA** designated materials shall be in accordance with BS EN 13108-5
- Aggregate for bituminous mixtures shall be in accordance with BS EN 13043
- Paving grade bitumen shall comply with BS EN 12591
- All bituminous mixtures shall be placed and compacted in accordance with clause 903 of the SHW.

8. Sub-base Material

- Sub-base material shall be to BS EN 13285 and table 8/1 of the SHW.
- Sub-base material shall be laid in accordance with clause 802 of the SHW.

9. Capping Material

- Capping material shall comply with BS 1377 and Table 6/1 of the SHW.
- Capping material shall be compacted in accordance with Table 6/4 of the SHW.

NOT FOR CONSTRUCTION

P2 28.09.18	Footway detail revised to asphalt	JC	TG
P1 06.06.16	Preliminary issue	TB	TG
Rev	Date	Description	Drawn Check

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Drawing Status	
PRELIMINARY	
Project	Date JUNE 18
CHURCH INN, CAMBRIDGE ROAD MANCHESTER	ScaleAS SHOWN
	Drawn TB
Title	Engineer TG
SECTION 278 HIGHWAY DETAILS	Project No 161045
Drawing No 161045-CON-DR-C-7300	Revision P2