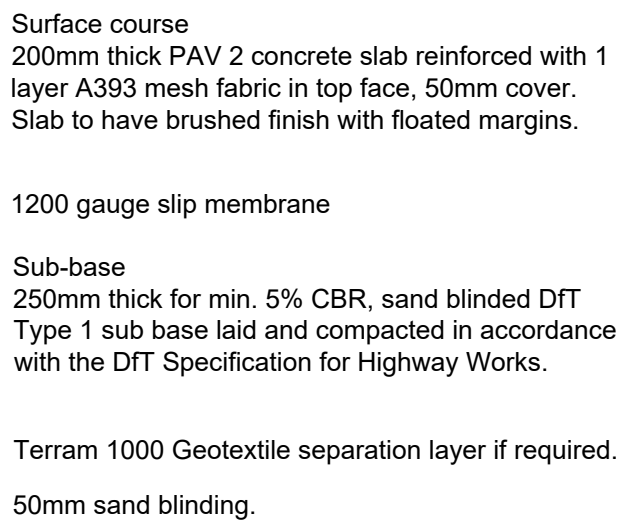
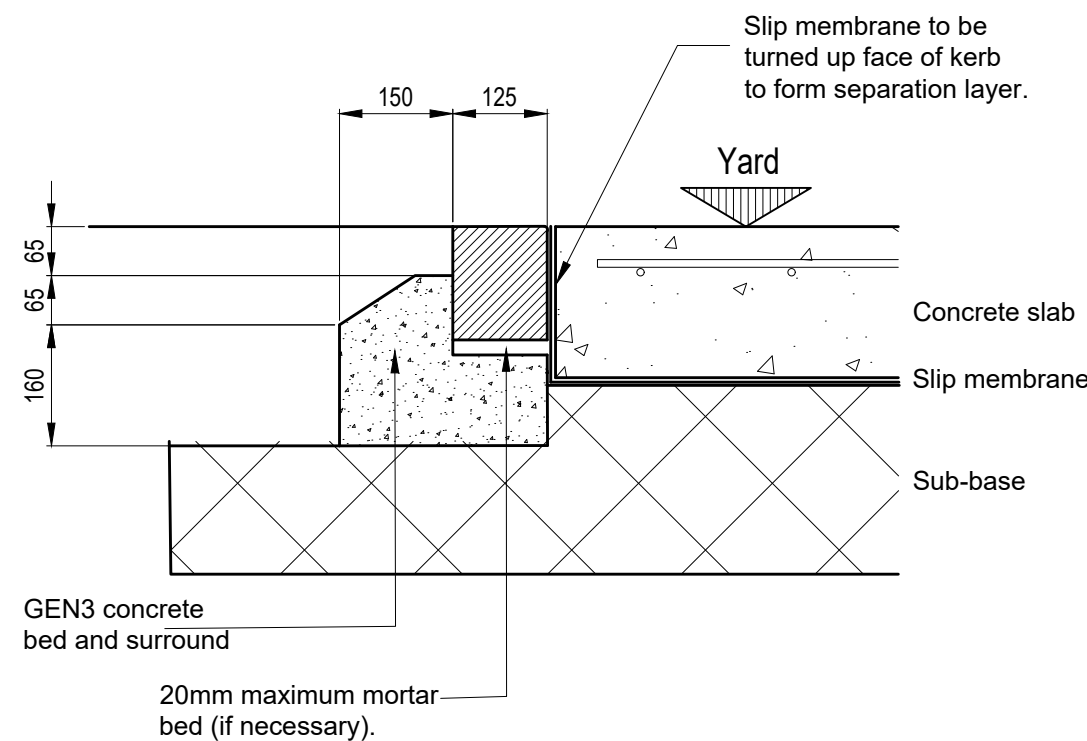
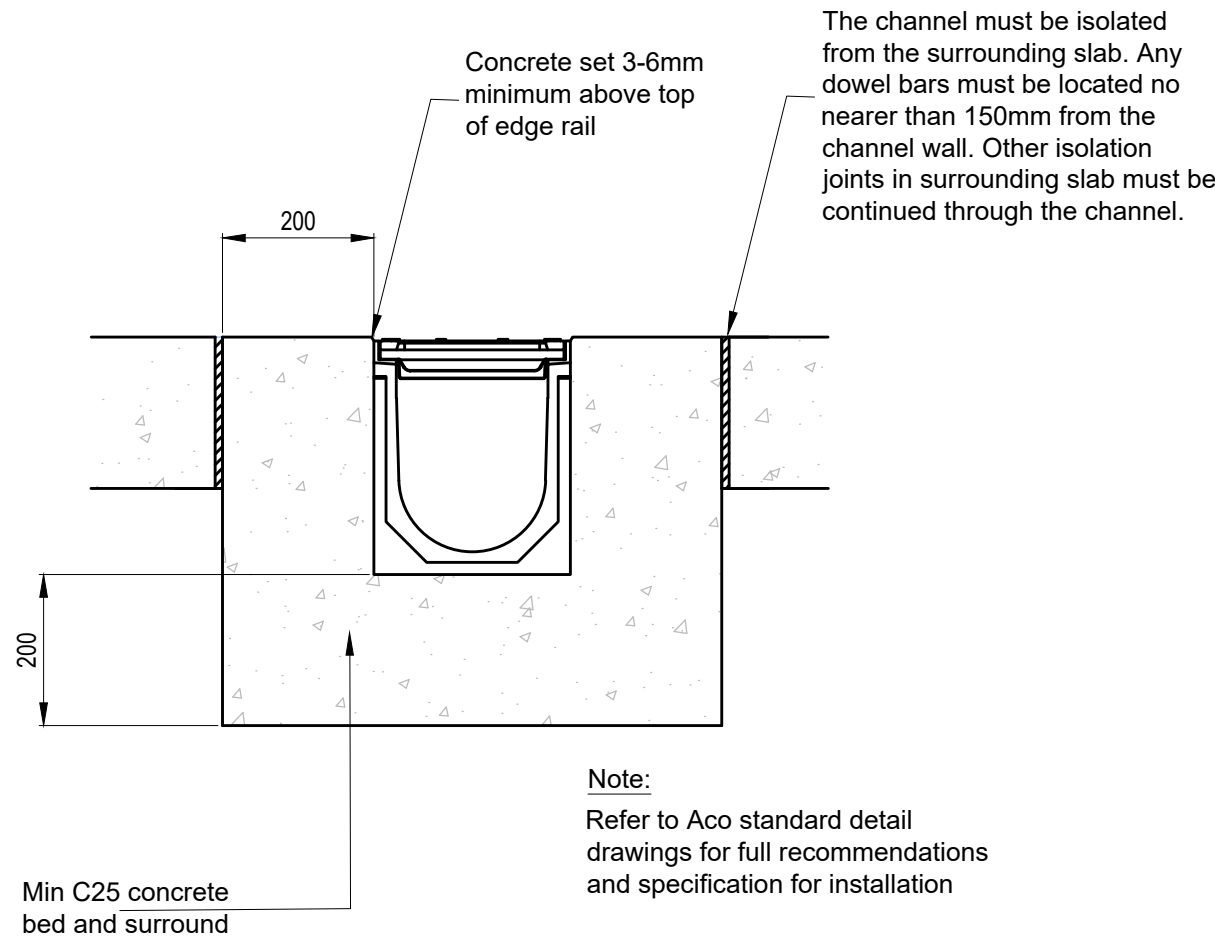




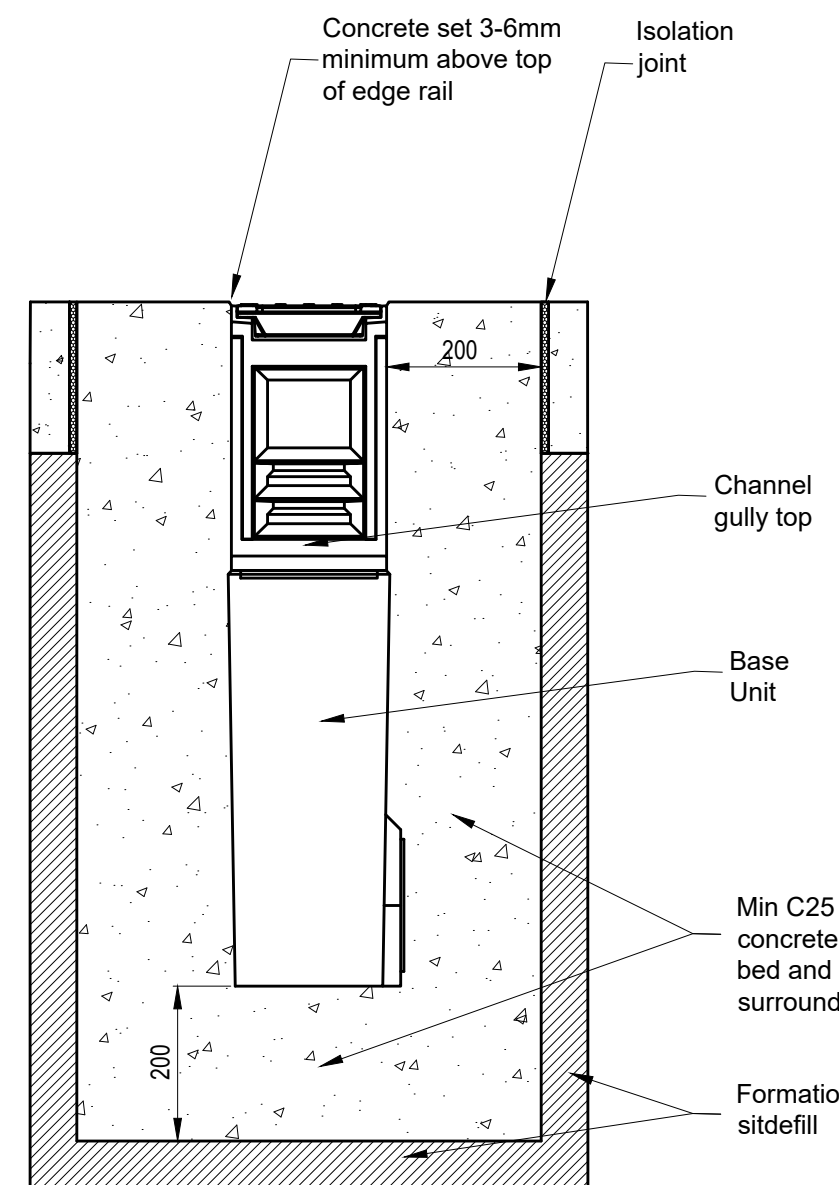
Service Road Slab Construction Detail



Typical bullnosed (BN) kerb
laid flush
(Scale 1:10)



Typical Aco Drainage Channel Detail

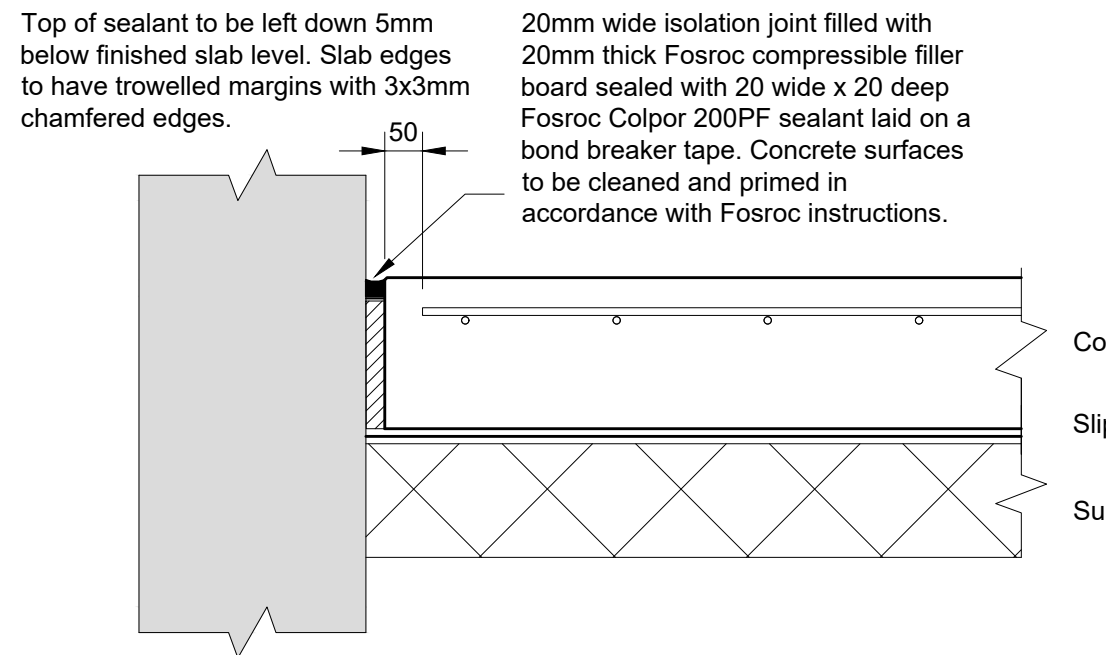


Typical Aco Sump Outfall Detail

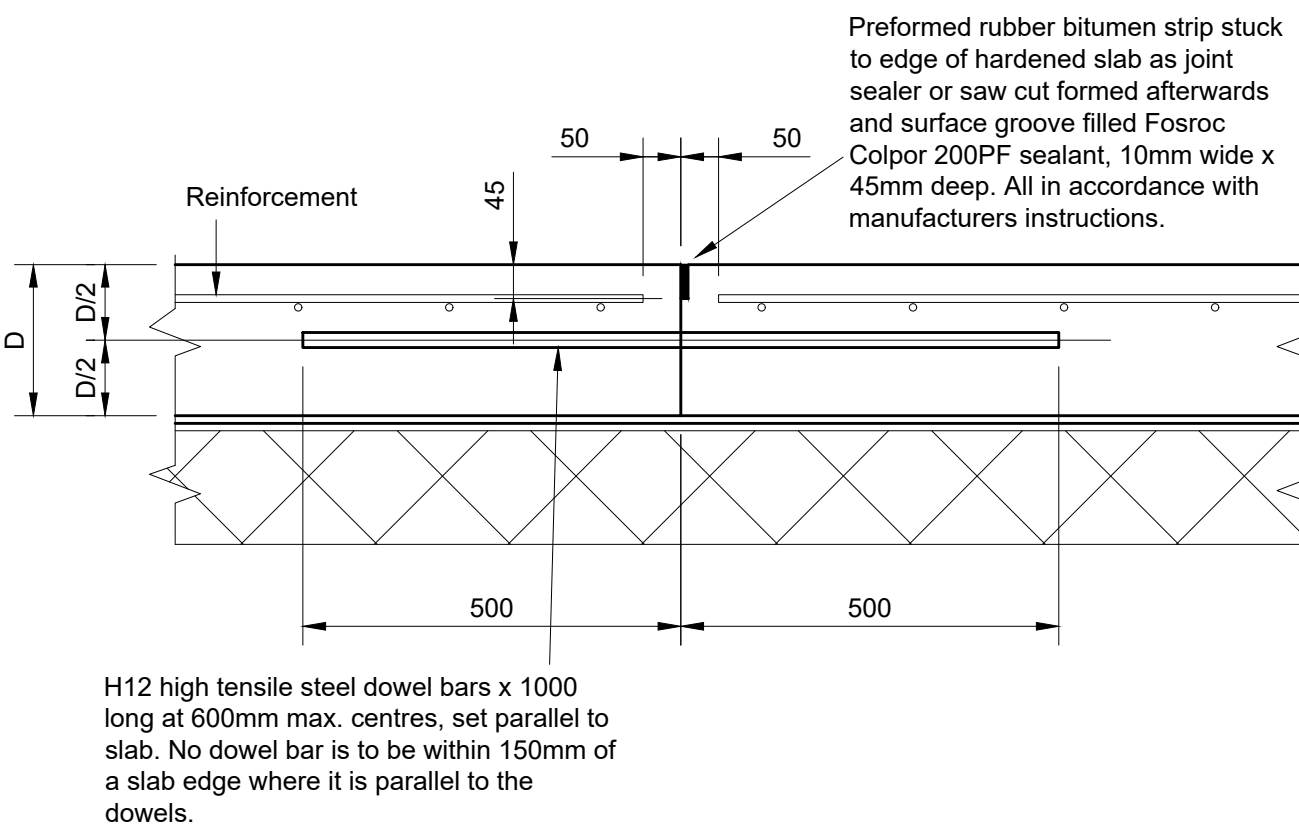
(Scale 1:10)

- 1) Installation to be undertaken in accordance with manufacturers requirements. Channels should be installed using levels of workmanship that accord with the National Code of Practice BS 8000-0:2014 and in keeping with BS EN 1433:2002.
- 2) The sump should be positioned to connect into existing gully connection pipe. Any channel knockouts should remain until channel connection. The channels should then be selected starting from the outlet, to make up the length of the channel required. Install channels in order from the outlet with the arrow on each unit pointing to the outlet (flow direction) and ensure the channels are butt together so that the male and female details locate positively.
- 3) The channel must be isolated from the surrounding environment. An isolation joint must be positioned upto 1500mm from the channel wall. Any dowel bars must be located no nearer than 150mm from the channel wall. Other isolation joints in surrounding slab must be continued through the channel.
- 4) The channel installation is not complete until the fin surfacing is laid. In any temporary condition, ie with the channel walls projecting above adjacent ground site traffic should not cross channels. Loose boards, stone fill or cover plates will not protect the channel walls or grating. A temporary channel crossing should be formed by raising the ground level locally to 3-6mm above top of edge rail, either side of a channel for a distance of 750 to 1000mm, to form ramps. Note that the channel load class should be adequate to carry site traffic.
- 5) Gratings should be securely fixed to the channel, where required, using an appropriate grate lock system. Where the grate locking system incorporates fixing bolts, these should be tightened to the torque of 40Nm.

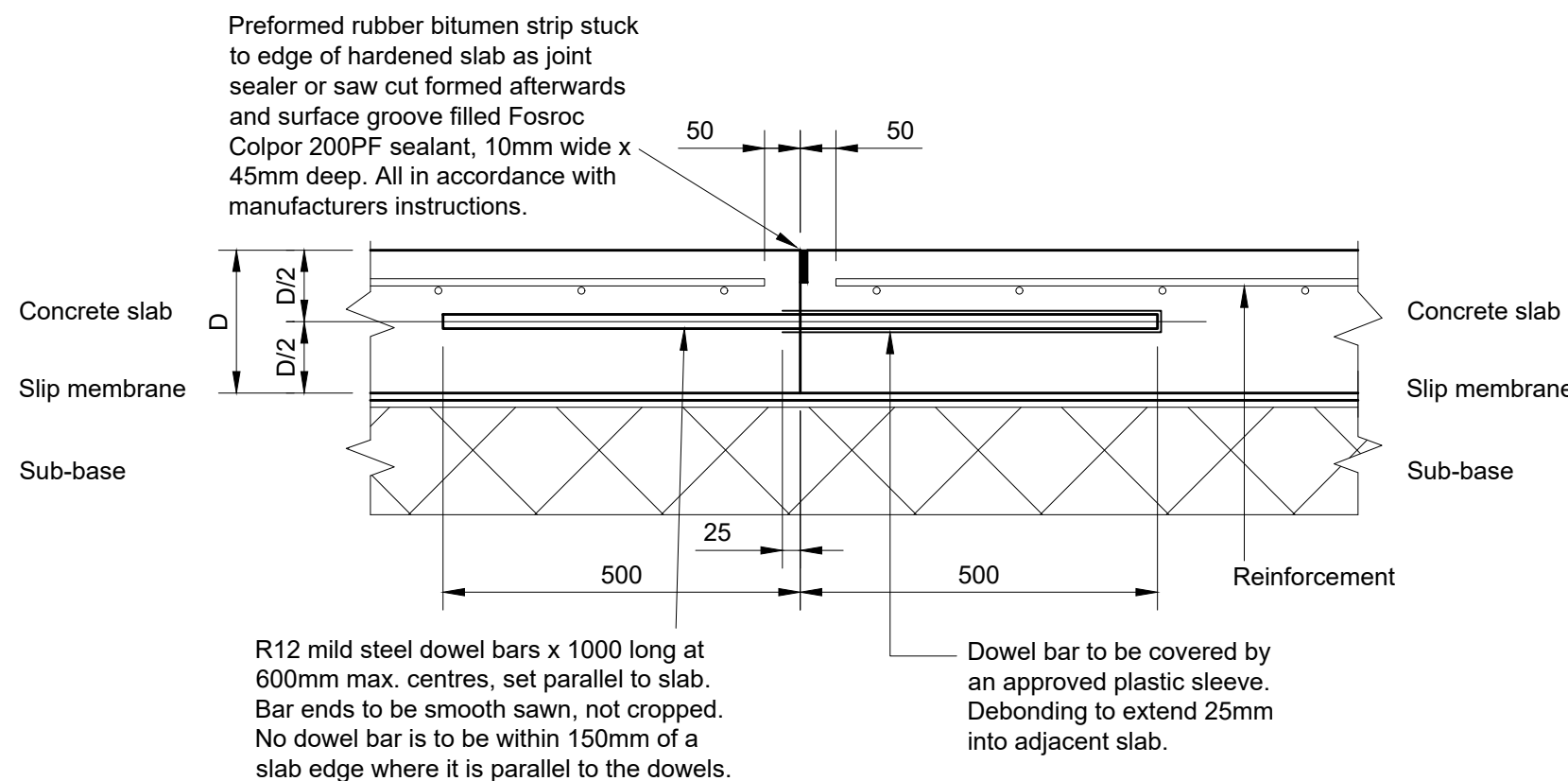
1. The drawings, design and all information contained therein are the sole copyright of Norder Design Associates (NDA) and reproduction in any form is forbidden unless permission is obtained in writing.
2. This drawing is to be read in conjunction with all other relevant Architects, Engineers and specialists drawings, details and specifications.
3. Conflicting information shown on the NDA drawings or discrepancies between the information given by NDA and that provided by others must be referred to NDA before work proceeds.
4. Dimensions must not be scaled from this drawing.
5. Dimensions marked 'dimension to be site checked' are subject to confirmation by site measurement before construction proceeds.
6. Subcontractor surveys, such as for the purposes of steelwork installation, take precedence over 'site dimensions' indicated on this drawing. All surveys should ensure an accurate fit of components.
7. Temporary works associated with the construction of the project shall be the responsibility of the Principal Contractor.
8. Where any temporary works or scaffolding are required the Principal Contractor shall appoint a competent and suitably experienced Temporary Works Coordinator (TWC). Refer to BS 5975 for guidance on temporary works and the role of a TWC.
9. Calculations and drawings of all Contractor designed structural items associated with NDA's design responsibilities shall be submitted to the Engineer for comment at least 10 days prior to manufacture. Any comments made by NDA do not absolve the Contractor of his design responsibilities.



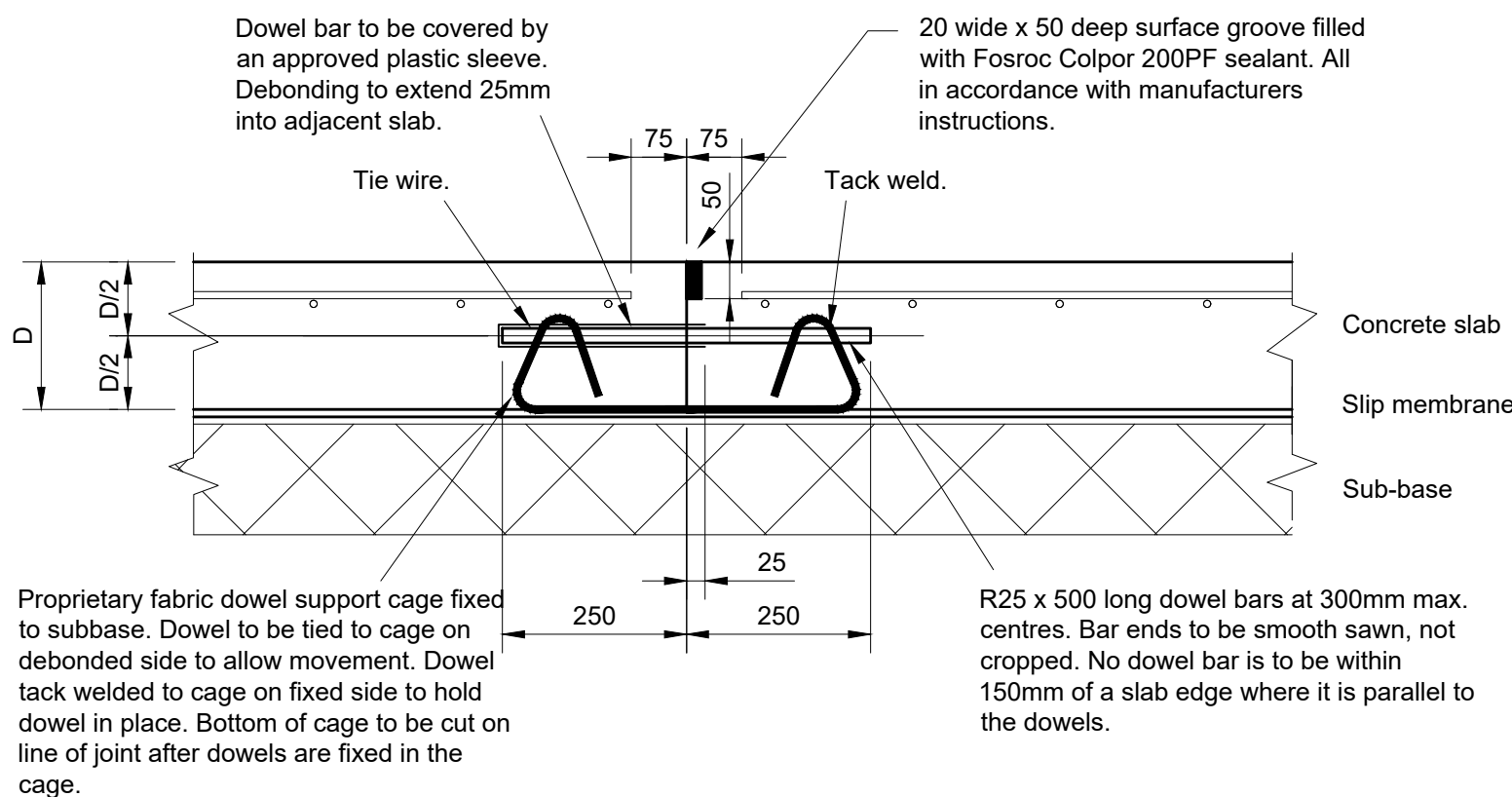
Isolation joint (IJ)



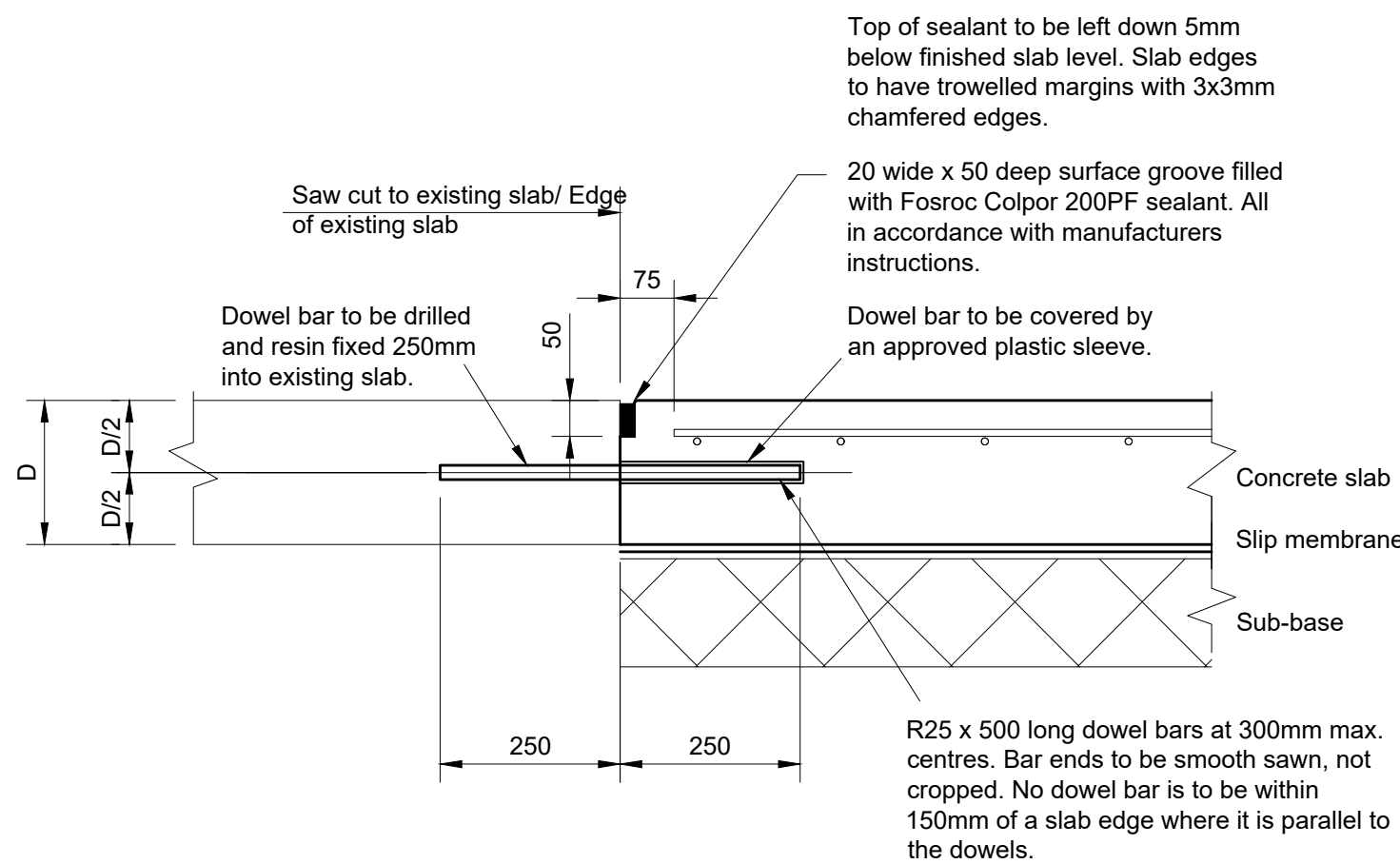
Longitudinal joint (LJ)
(Scale 1:10)



Debonded Longitudinal joint (DLJ)



Transverse joint (TJ)



Joint to existing slab (CJ)
(Scale 1:10)

T1	02.11.20	Tender Issue	AF
P3	02.10.20	Amended as clouded	AF
P2	03.09.20	Issued for Comment.	AF
P1	01.09.20	Preliminary Issue	AF
REV DATE	AMENDMENT		BY
CLIENT			

CLIENT



PROJECT

Manchester Brewery
Site Service Road

~~DRAWING TITLE~~

Construction Details
Sheet 1 of 2



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SCALE
AS SHOWN SHEET SIZE A

DATE	DRAWN	CHECKED
Sept 2020	AF	RSP

DRAWING NO.	REV
8540-NDA-XX-XX-DR-C-1006	T1