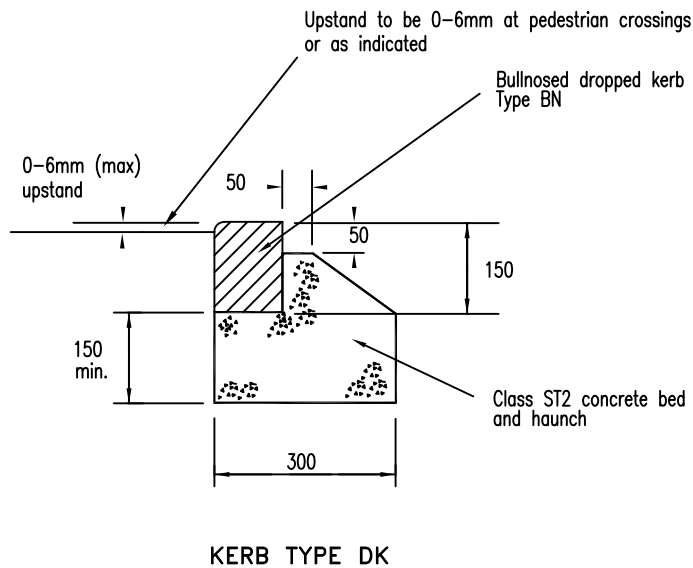
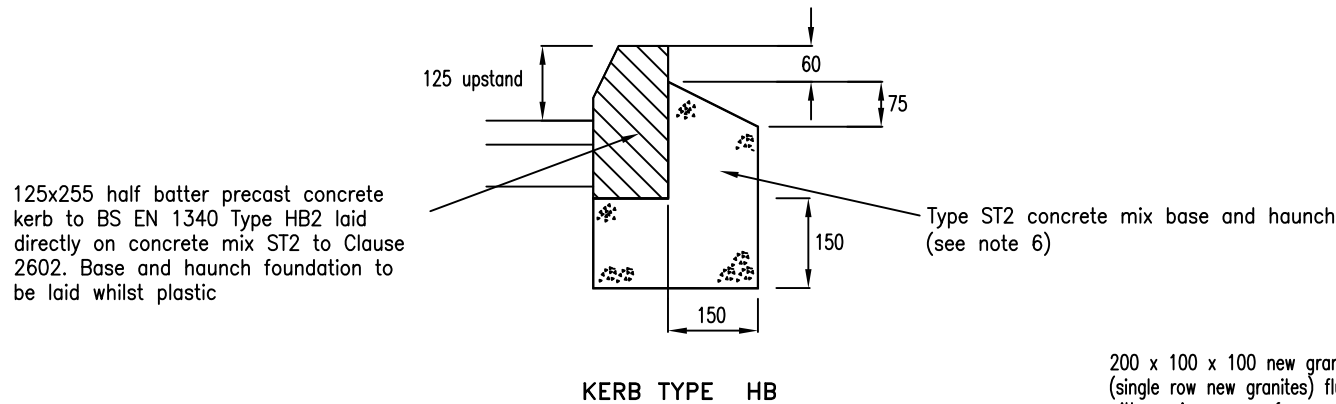
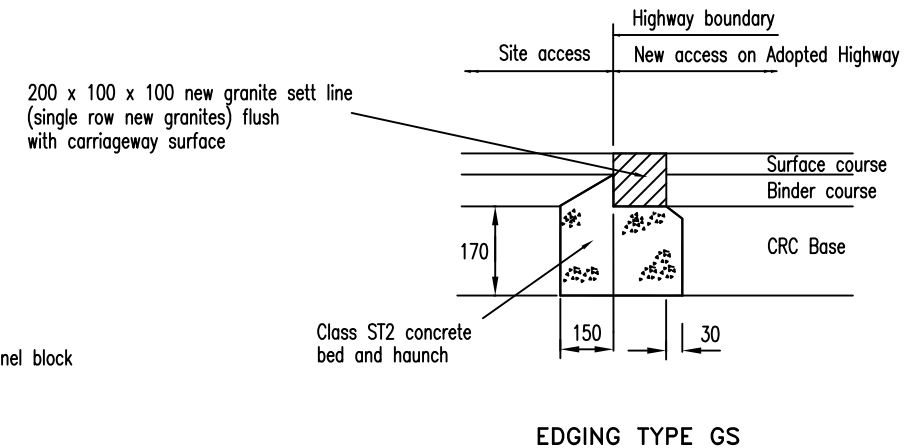
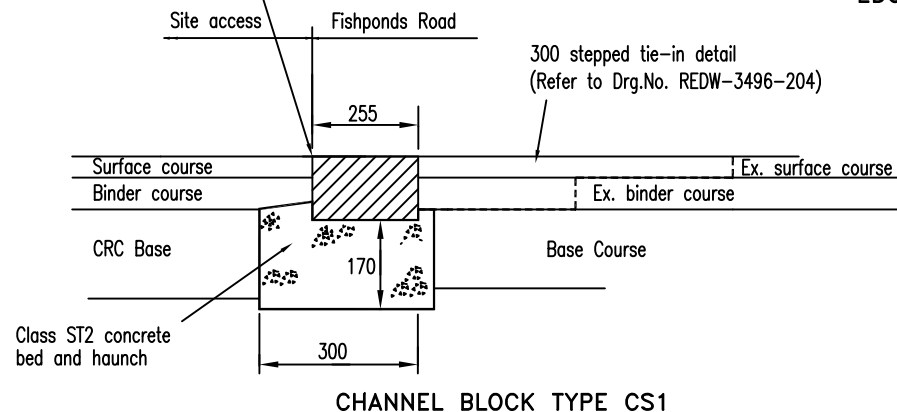


NOTES

1. All dimensions are in millimetres unless otherwise shown
2. For location of kerb types and footways refer to construction areas plans
3. Precast concrete kerbs & edgings are to comply with BS EN 1340
4. All cuts required to kerb, edgings and tactile paving shall be sawn
5. Minimum length of closures for kerbing and edgings shall be 300mm
6. Concrete base and haunching to be concrete Type ST2 to BS 8500-2 and BS EN 206-1



255 x 125 Type CS1 square channel block flush with carriageway surface



Client

THE CHERWELL GROUP

Scheme

Nigra House, Mulberry Business Park, Fishponds Road, Wokingham RG41 2GY

Drawing Title

KERB & EDGING DETAILS

Scale

NTS

Sheet

A4

Date

JUL 2023

Drawing No.

REDW-3496-201

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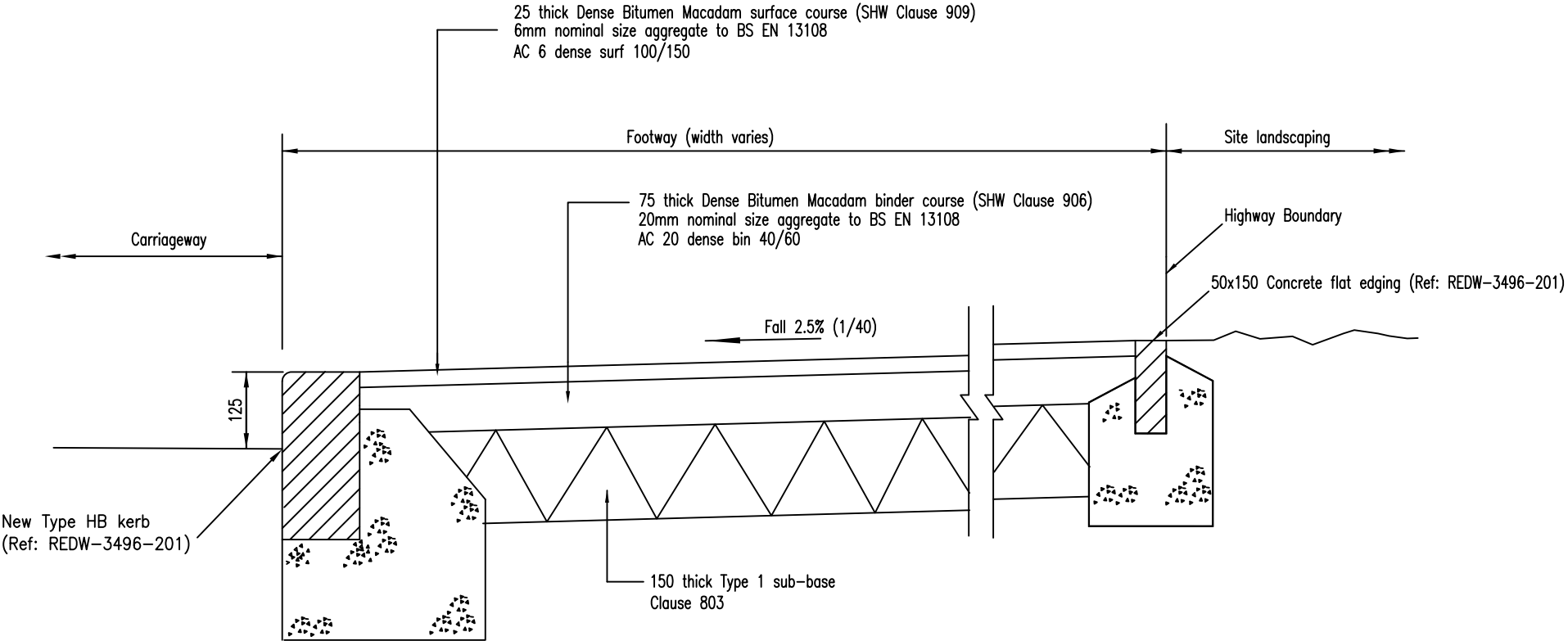
Maritime House, Basin Road North, Portslade, Brighton, BN41 1WR

Telephone: 01273 414515

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NOTES

- 1. All dimensions are in millimetres unless otherwise shown
- 2. For location of kerb types and footways refer to construction plan
- 3. Precast concrete edgings are to comply with BS EN 1340:2003
- 4. All cuts required to kerb and edgings shall be sawn
- 5. Minimum length of closures for kerbing and edgings shall be 300mm

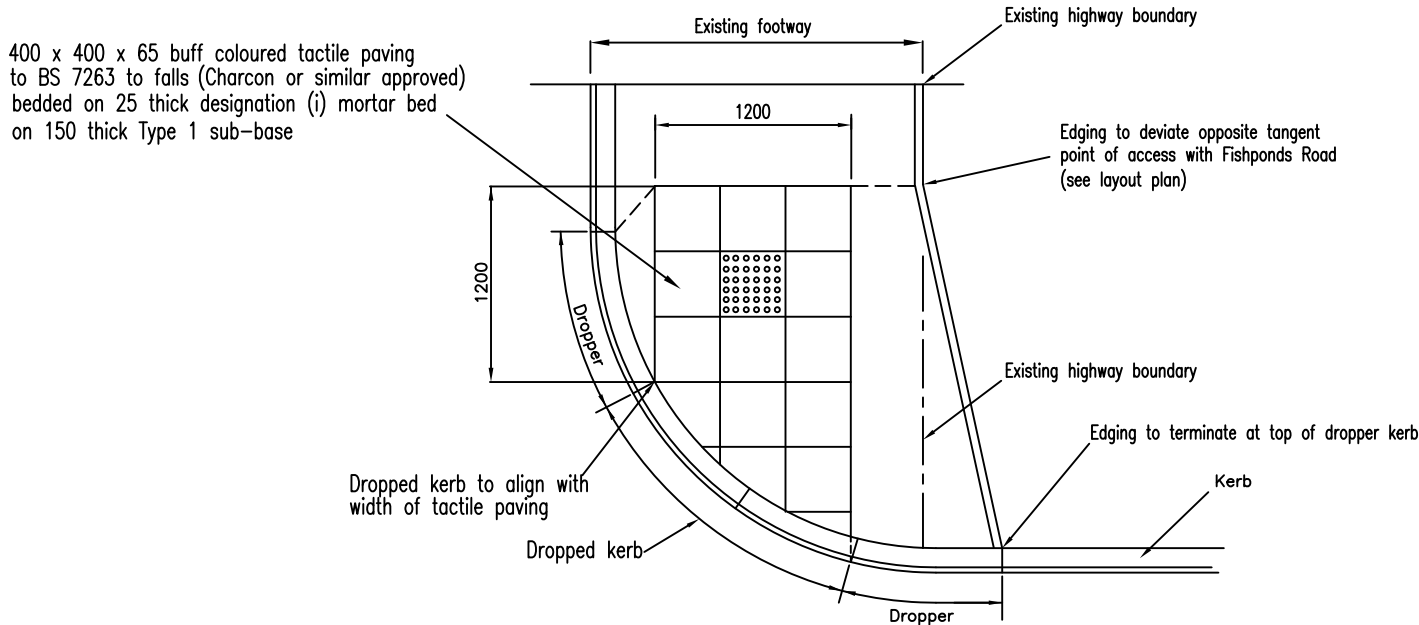


NEW FOOTWAY CONSTRUCTION

Client THE CHERWELL GROUP	Scheme Nigra House, Mulberry Business Park, Fishponds Road, Wokingham RG41 2GY				REDWOOD PARTNERSHIP CONSULTING ENGINEERS & TRANSPORTATION PLANNERS  Maritime House, Basin Road North, Portslade, Brighton, BN41 1WR Telephone: 01273 414515 www.redwoodpartnership.co.uk
	Drawing Title FOOTWAY CONSTRUCTION DETAILS				
	Scale NTS	Sheet A4	Date JUL 2023	Drawing No. REDW-3496-202	

NOTES

1. All dimensions are in millimetres unless otherwise shown
2. For details of precast concrete kerbs refer to BS 7263:Part 1:1990
3. Carriageway surfacing at dropped kerbs to be flush with top of kerb with no upstand greater than 6mm
4. The centreline of the tactile area shall align with the centreline of the opposite tactile crossing point



**TACTILE PAVING DETAIL AT
UN-CONTROLLED PEDESTRIAN CROSSING
(RADIUS KERB)**

Client

THE CHERWELL GROUP

Scheme

Nigra House, Mulberry Business Park, Fishponds Road, Wokingham RG41 2GY

Drawing Title

TACTILE PAVING DETAILS

Scale

NTS

Sheet

A4

Date

JUL 2023

Drawing No.

REDW-3496-203

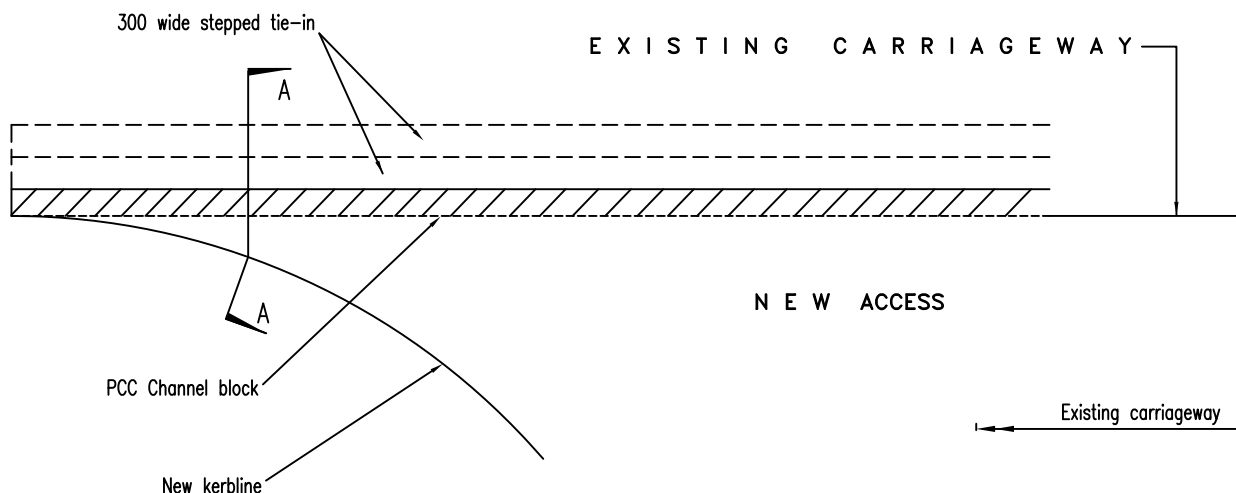
REDWOOD PARTNERSHIP

CONSULTING ENGINEERS & TRANSPORTATION PLANNERS

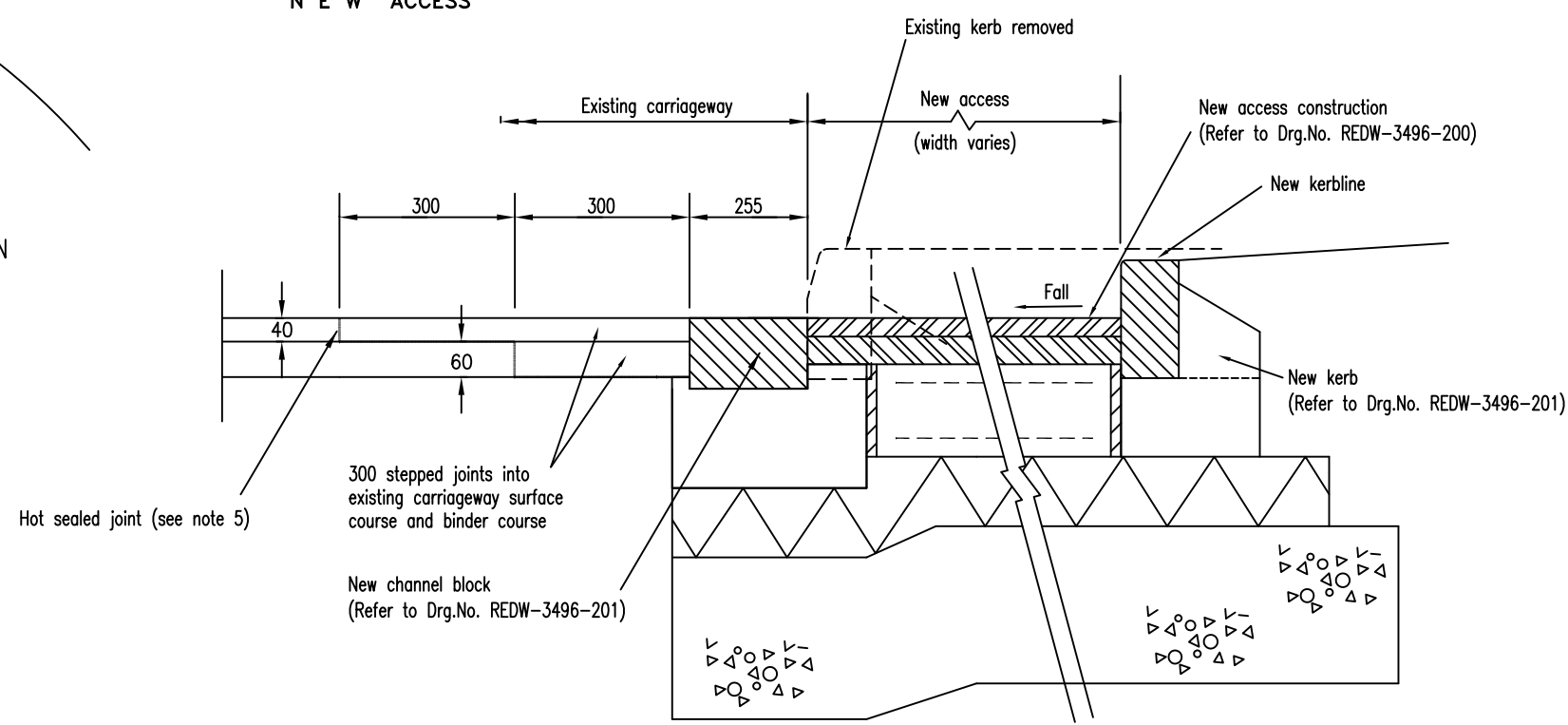
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PLAN

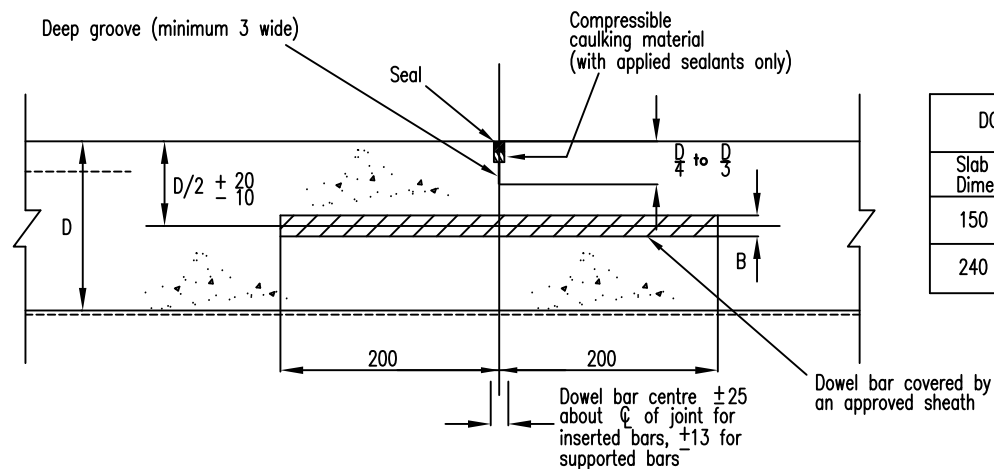


TYPICAL SECTION A-A

NOTES

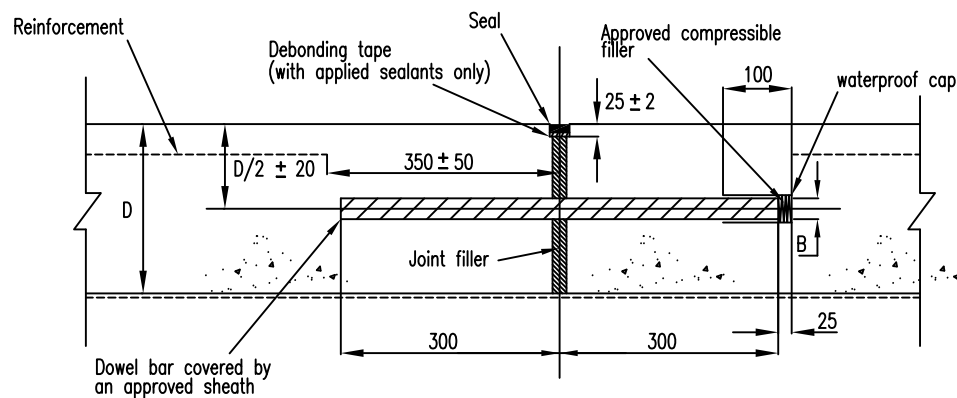
1. All dimensions are in millimetres unless otherwise shown
2. Backfilling shall not be carried out until concrete has cured
3. Refer to construction plan for extent of construction areas
4. Transverse and longitudinal joints shall be cut by the following:
 - 1) Cutting wheel fitted to roller when the surface course is warm.
 - 2) Saw cutting when the surface course is cold.
5. All vertical faces between surfacing material shall be completely sealed with hot applied 70 pen bitumen.

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	Drawing Title STEPPED TIE-IN DETAILS				
	Scale NTS	Sheet A4	Date JUL 2023	Drawing No. REDW-3496-204	



CONTRACTION JOINT (WITH SAWN GROOVE)

DOWEL BAR (Contraction joints)	
Slab thickness Dimension D	Dimension B
150 to 239	20
240 and over	25



EXPANSION JOINT

DOWEL BAR (Expansion joints)	
Slab thickness Dimension D	Dimension B
150 to 239	25
240 and over	32

NOTES

1. All dimensions are in millimetres unless otherwise shown.
2. The dowel bars shall be placed at 300 centres. This spacing shall be varied where necessary so that no dowel bar is within 150 of a slab edge or a joint parallel to the bars.
3. Gullies, drainage channels and their frames shall be isolated from the pavement slab and shall be contained within a separate small slab. The joint around the gully slab shall be vertical and incorporate joint filler board without dowel bars to Clause 1018. The joint adjacent to drainage channels shall be in accordance with manufacturers recommendations.
4. Expansion joints can be omitted in summer, provided the mid-day temperature does not fall below 10 deg C.
5. Expansion joints should be included in kerbs, channels or hard strips which are constructed in winter.
6. Contraction joints with wet formed groove shall be used in winter.
7. The maximum bay width shall be 4.5m

Client

THE CHERWELL GROUP

Scheme Nigra House, Mulberry Business Park, Fishponds Road, Wokingham RG41 2GY

Drawing Title CONCRETE ROAD BASE JOINT DETAILS

Scale NTS

Sheet A4

Date JUL 2023

Drawing No. REDW-3496-205

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KEY



Wearing course



Basecourse



Type 1 sub-base (Clause 803)



Class 1, 2 or 3 backfill



Pipe bedding material



Topsoil (Class 5A or 5B – Table 6/1)



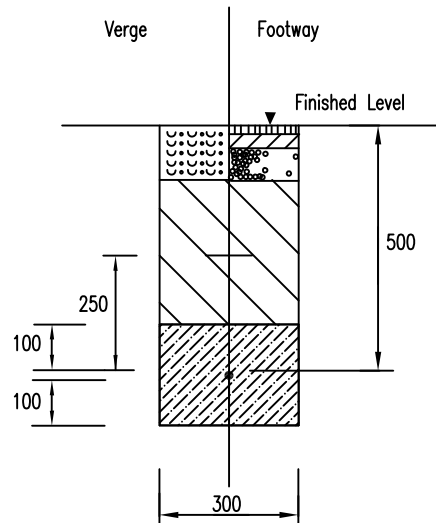
Sand BS1200 Table 1



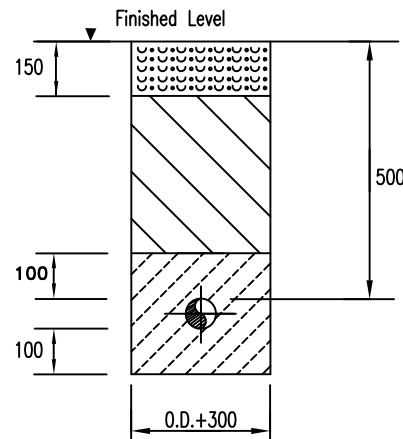
Cable marker Tape (Clause 1421.14)

NOTES

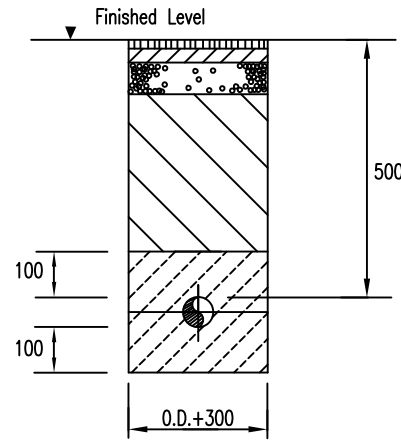
1. All dimensions are in millimetres unless otherwise shown.
2. Backfilling shall not be carried out until concrete has cured.
3. Where ducts are constructed across existing carriageway the existing carriageway construction shall be stepped in accordance with the trench reinstatement detail.
4. Refer to Appendix 7/1 for details of carriageway construction
5. Ducts are to be laid with a clearance of 100mm from other ducts and pipe crossings.
6. Lighting ducts shall be MDPE or uPVC ribbed duct, black coloured
100mm nominal dia. at road crossings
50mm nominal dia. for final connection to bollards



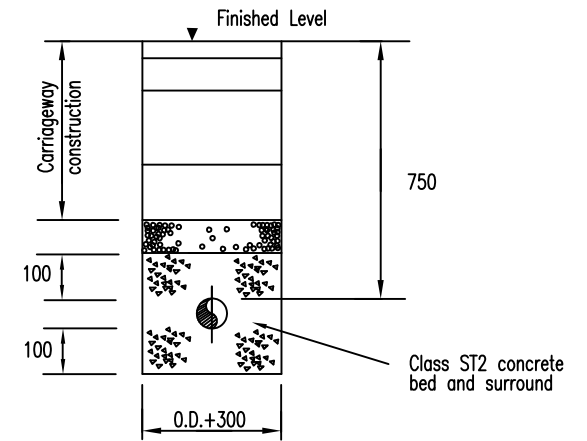
Cable in ground



Duct in verge



Duct in footway



Duct in carriageway

Client

THE CHERWELL GROUP

Scheme

Nigra House, Mulberry Business Park, Fishponds Road, Wokingham RG41 2GY

Drawing Title

DUCT & CABLE TRENCH DETAILS

Scale

NTS

Sheet

A4

Date

JUL 2023

Drawing No.

REDW-3496-206

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