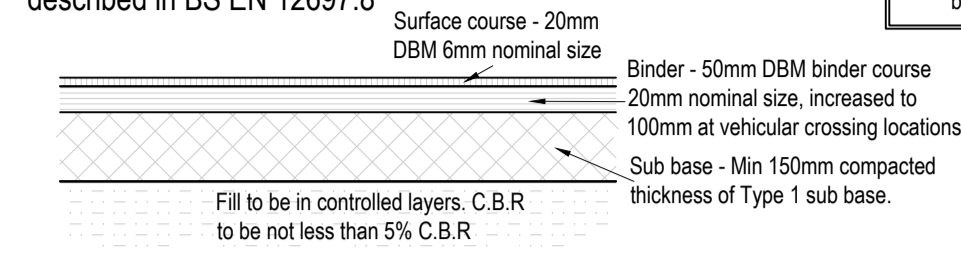


All bituminous materials shall be transported, laid and compacted in accordance with the requirements of BS 594987, as supplemented or amended by the requirements of this document, to achieve the insitu void levels in Sub-Appendix 1/2, table 1 when tested as described in BS EN 12697:8

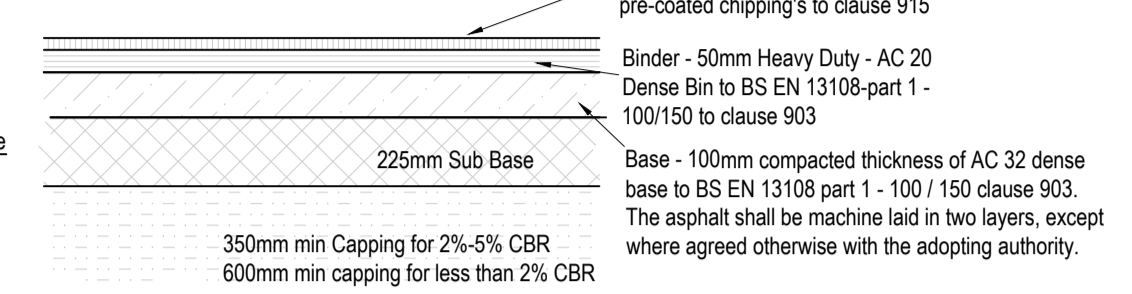
NOTES:

- Capping material need to be either 6F2, 6F3 or 6F5 material with sub base material being granular material to Clause 803
- CBR values will need to be determined on the basis of a laboratory based equilibrium value rather than tested in situ or alternatively a CBR value <2% is to be assumed with sub base and capping thickness determined on this basis.

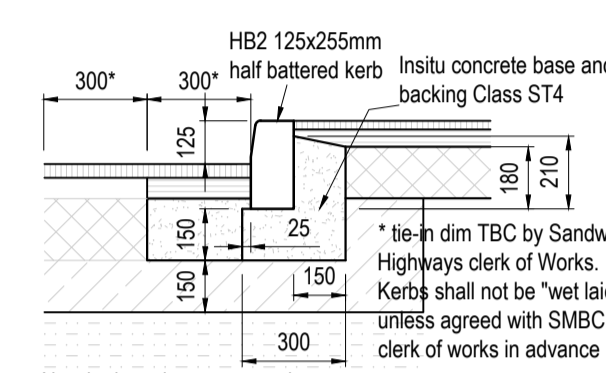


Typical Footway Construction
Scale 1:25

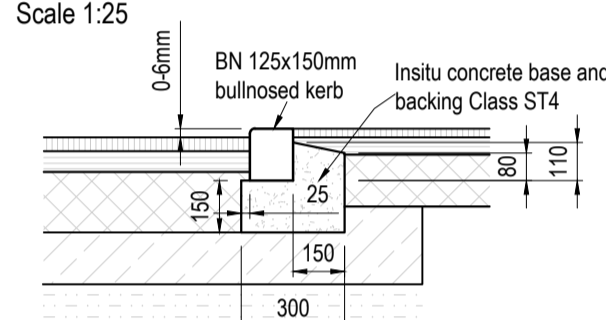
All bituminous materials shall conform to BS EN 13108, and PD 6691:2007. Aggregates shall conform to SHW Cl. 901. Asphalt shall be transported, laid and compacted in accordance with BS 594987:2007.



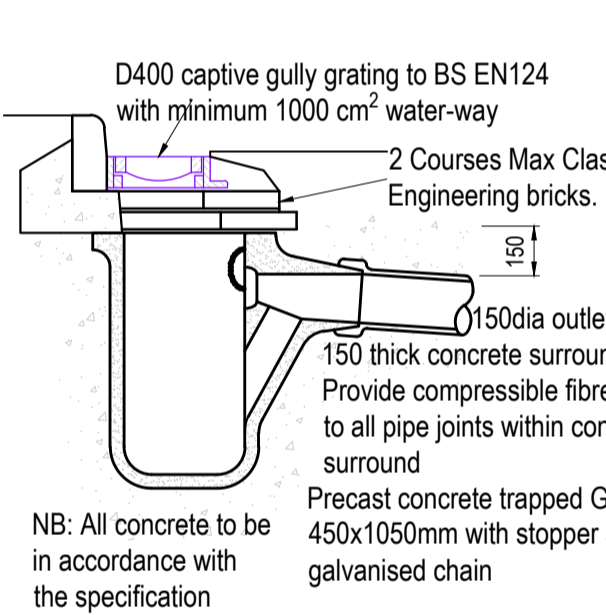
Typical Section - Carriageway/Vehicular Crossing Construction
Scale 1:25



HB2 Kerb Replacement / Tie-In to Existing Carriageway
Scale 1:25



BN 'Dropped' Kerb Construction
Scale 1:25

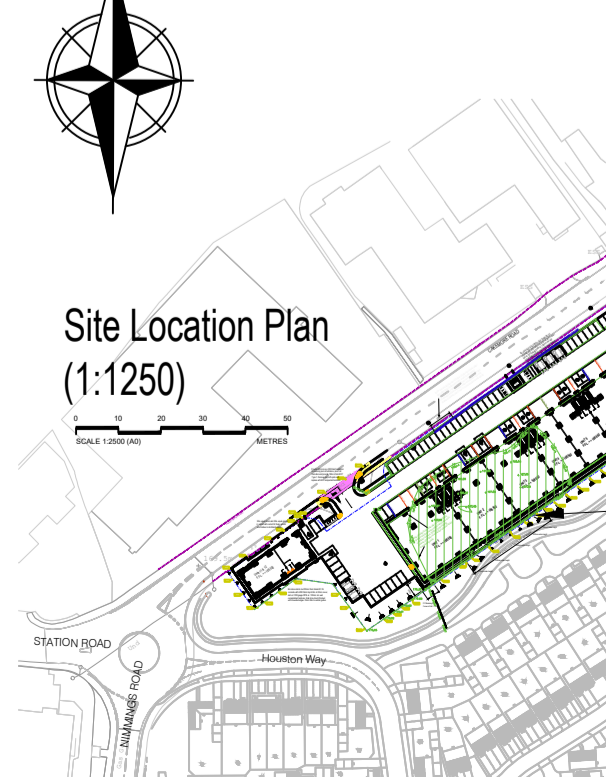


Standard Road Gully
Scale 1:25

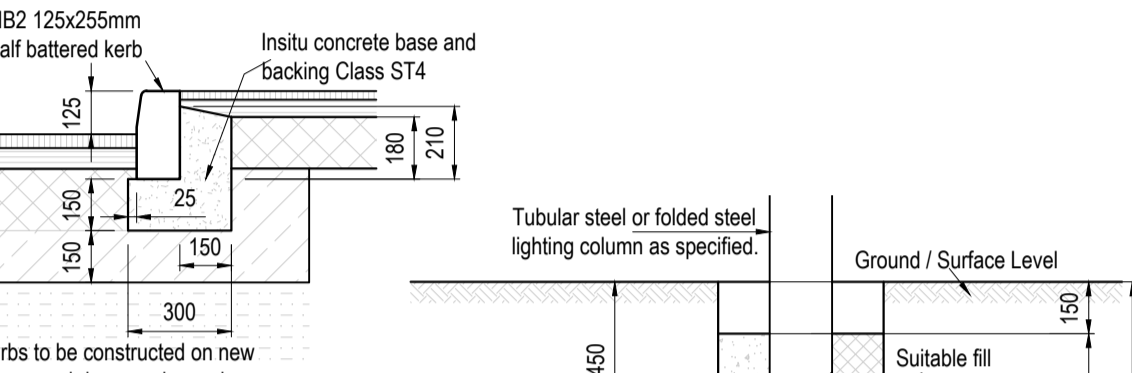
NB: All concrete to be in accordance with the specification



Typical Trench Reinstatement Detail
Scale 1:25



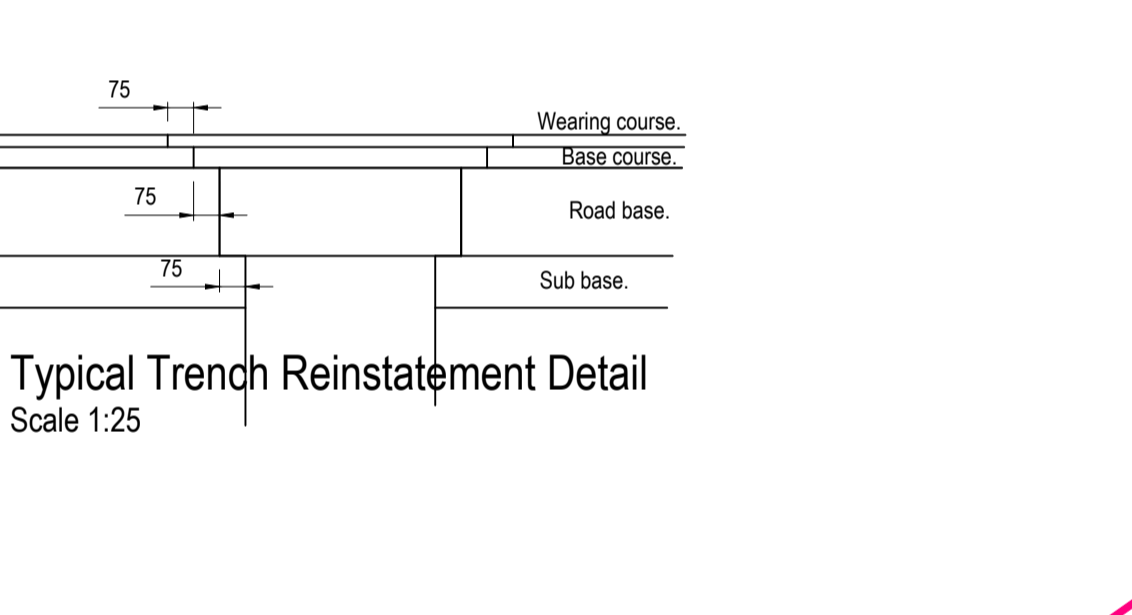
Site Location Plan (1:1250)



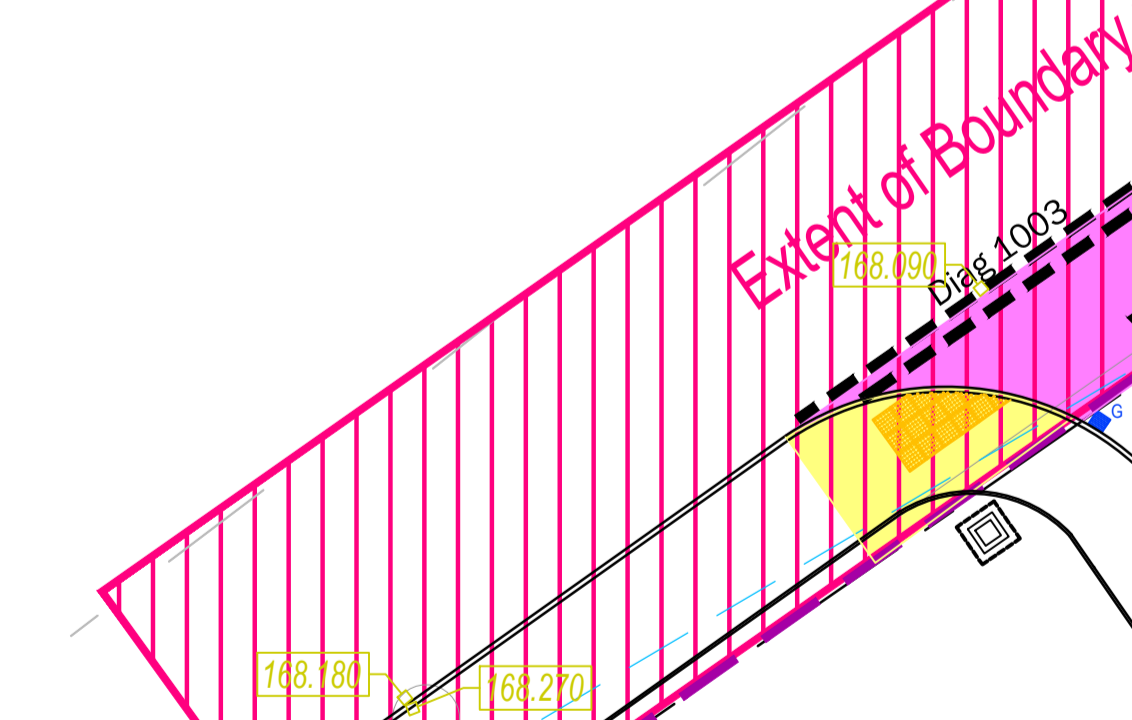
Typical Lighting Column Base
Scale 1:25

Mounting Height (m)	Planting Depth A (m)	Base Concrete Depth Y (m)
5	0.75	0.60
6	1.00	0.85
8	1.20	1.05
10	1.50	1.35
12	1.75	1.60

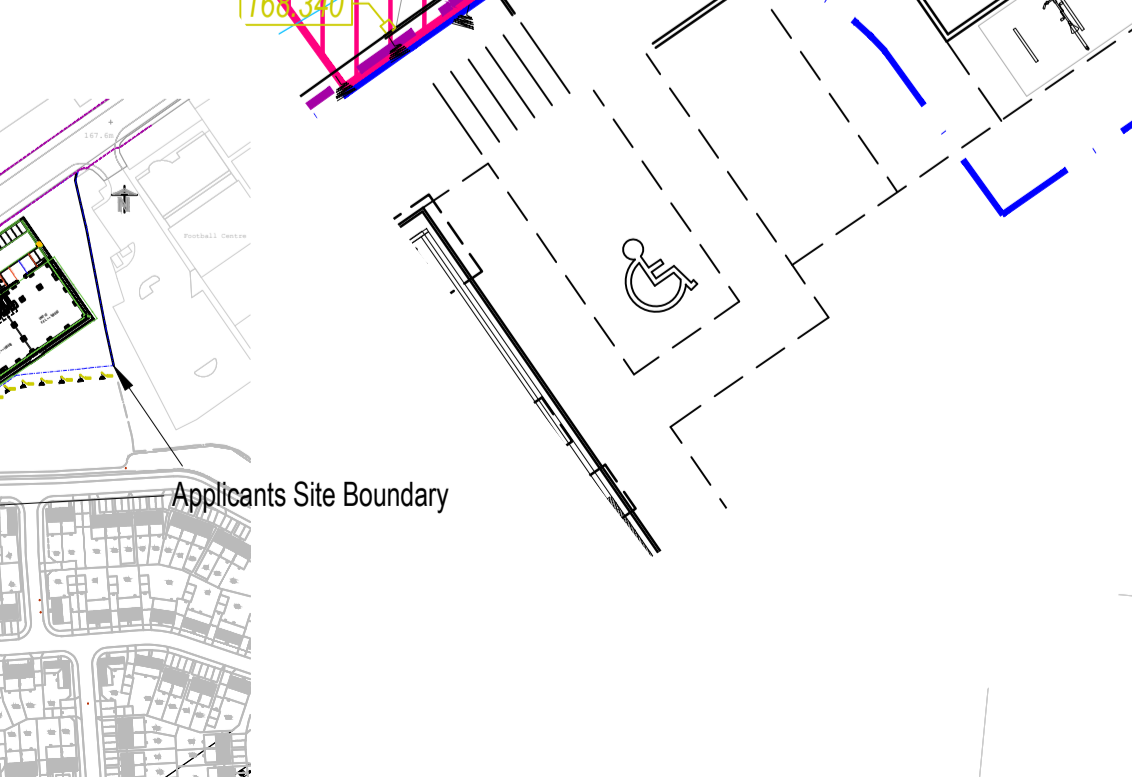
Typical Lighting Column Base
Scale 1:25



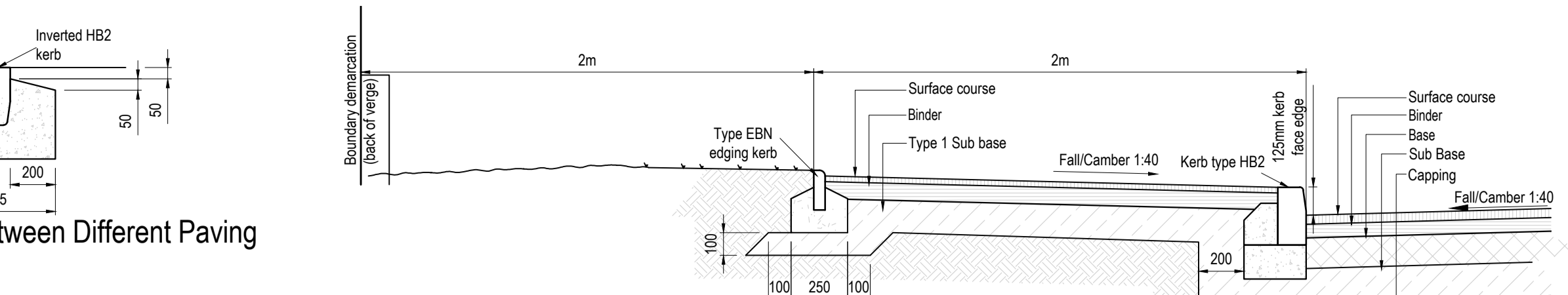
Tactile Paving Crossing (Plan)
Scale 1:25



Enlarged Plan B (Scale 1:100)

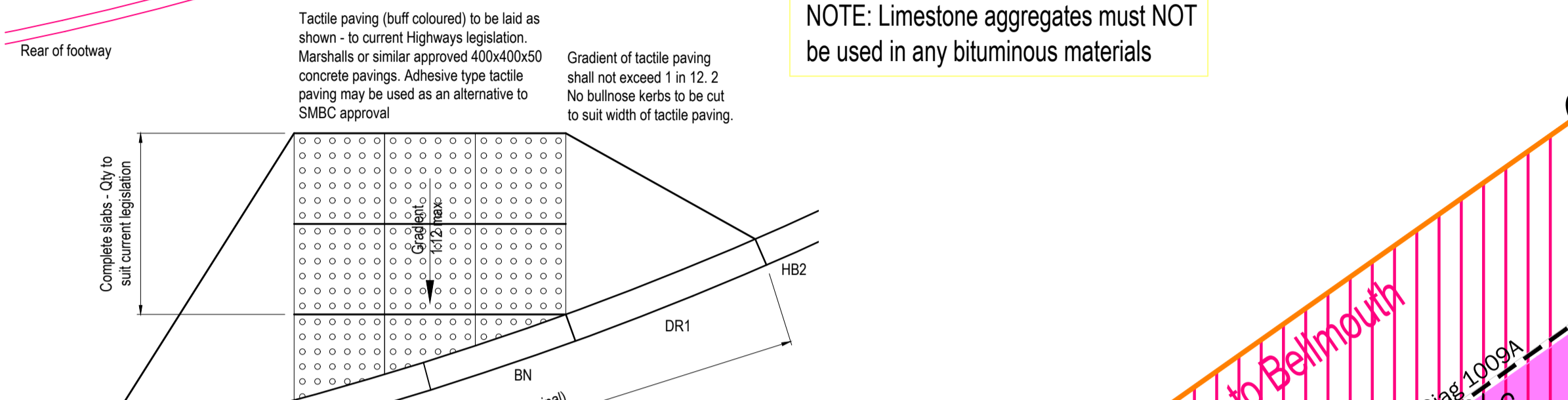


Enlarged Plan A (Scale 1:100)

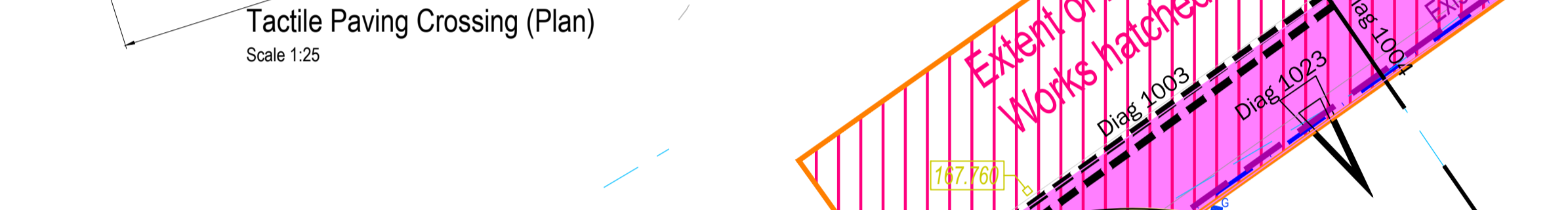


Typical Footway / Carriageway Construction
Scale 1:25

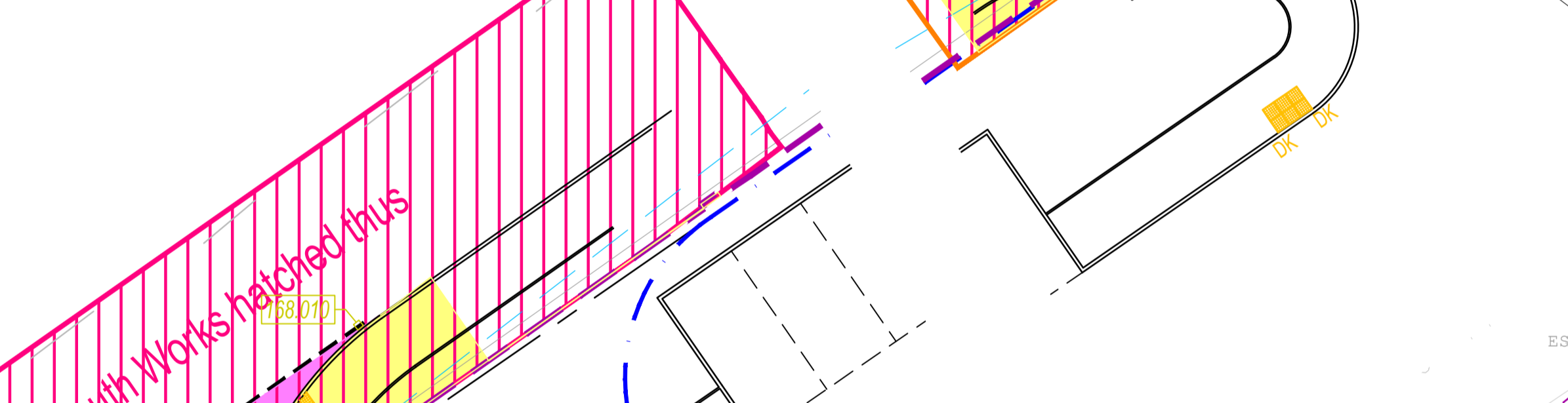
NOTE: Limestone aggregates must NOT be used in any bituminous materials



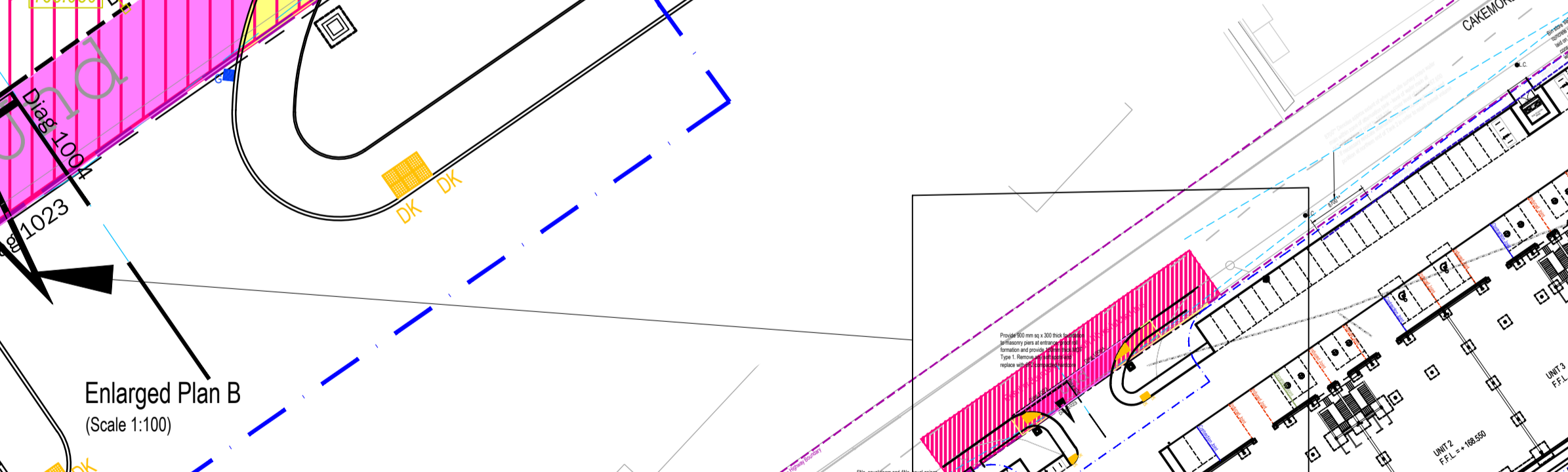
Typical Section Through Pedestrian Crossing
Scale 1:25



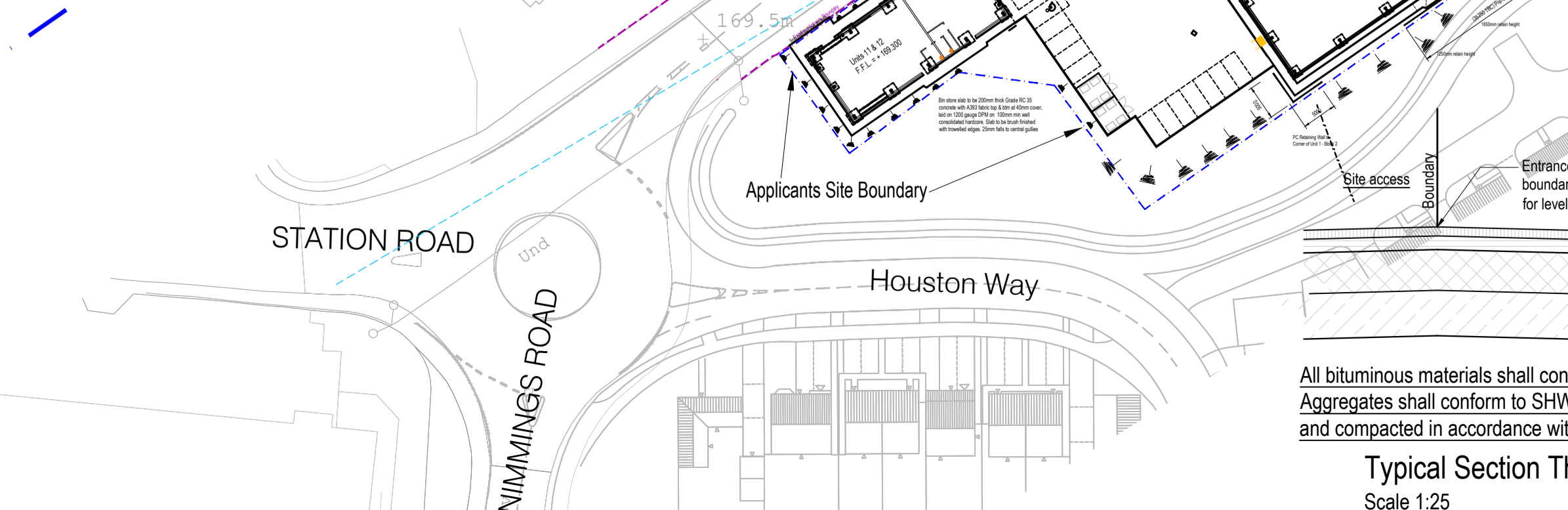
Typical Section Through Carriageway Tie In - New / Existing
Scale 1:25



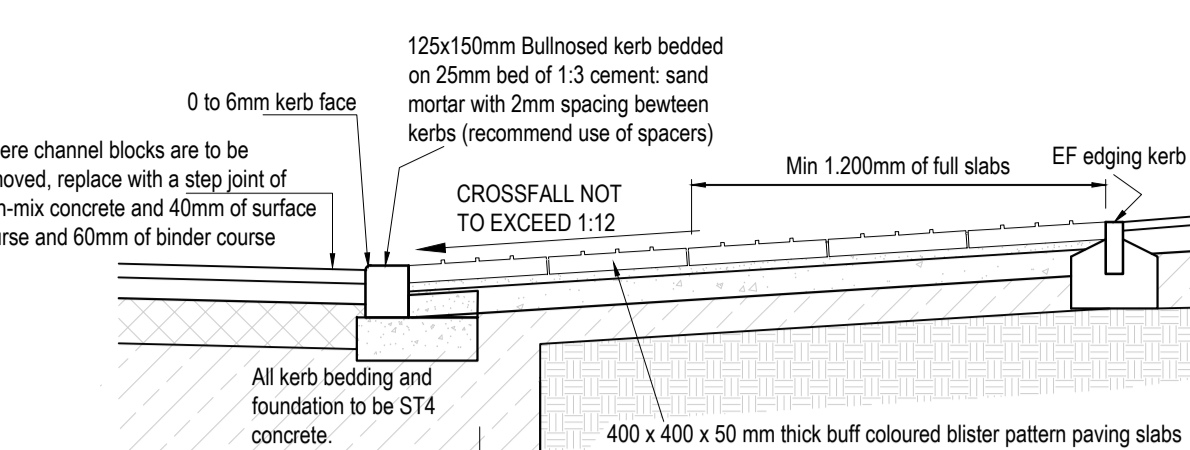
Site Location Plan (1:500)



Enlarged Plan A (Scale 1:100)

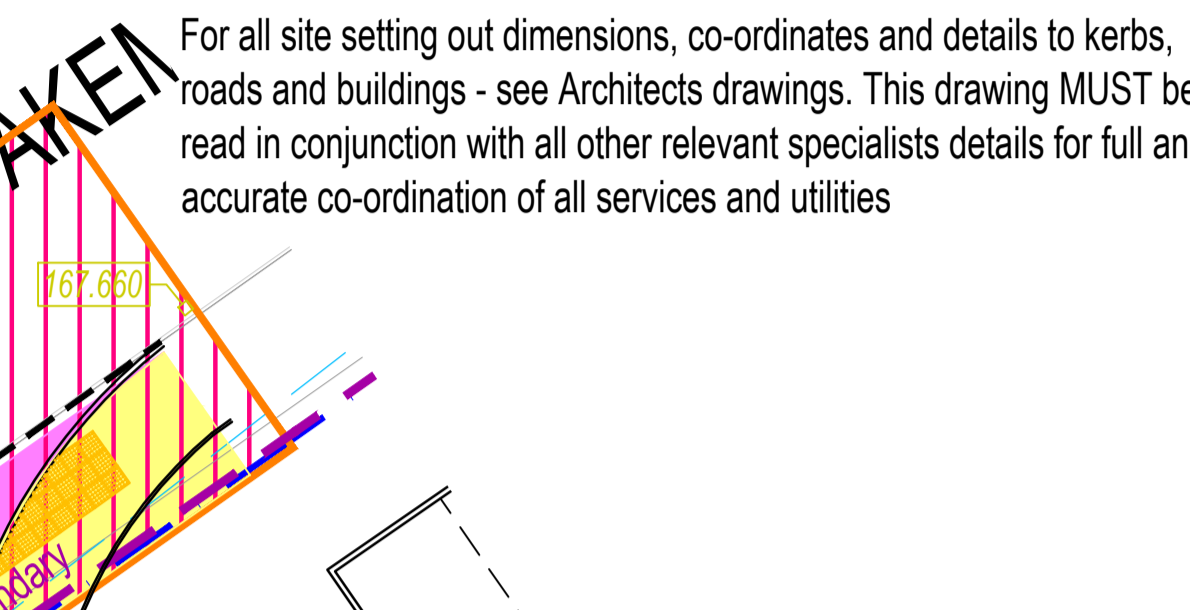


Typical Section Through Carriageway Tie In - New / Existing
Scale 1:25

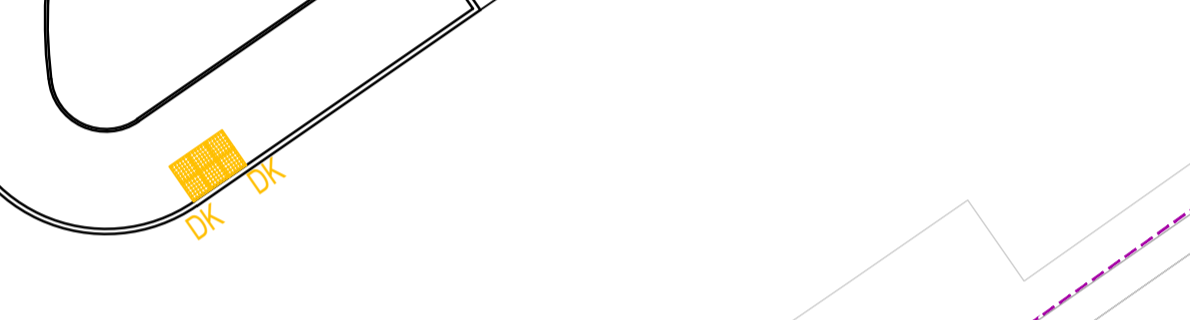


Typical Section Through Pedestrian Crossing
Scale 1:25

NOTE: Limestone aggregates must NOT be used in any bituminous materials



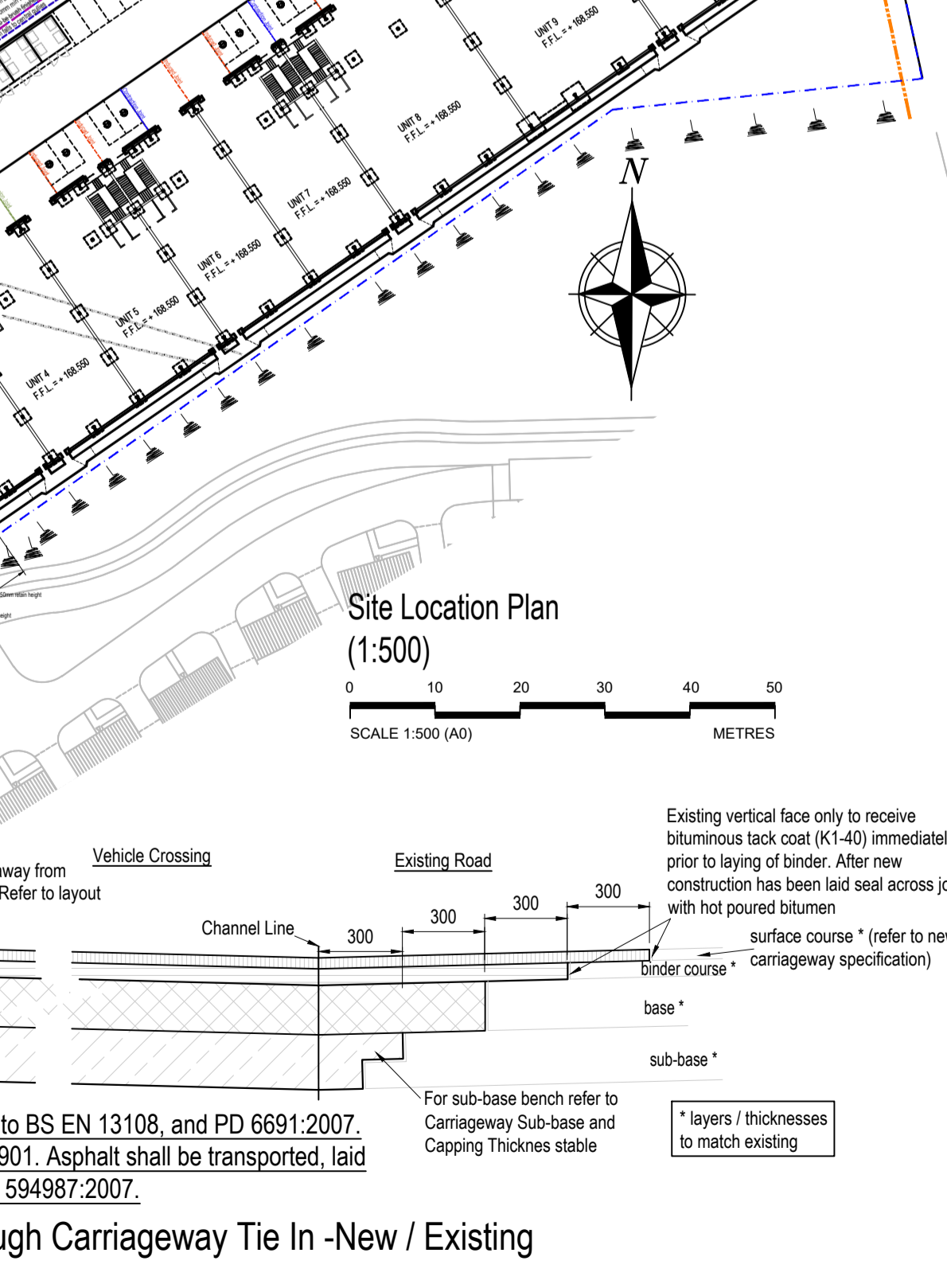
Typical Section Through Carriageway Tie In - New / Existing
Scale 1:25



Site Location Plan (1:500)



Enlarged Plan A (Scale 1:100)



Typical Section Through Carriageway Tie In - New / Existing
Scale 1:25

NOTES:

- Dimensions provided are indicative only, and should be confirmed and read in conjunction with the Architect's construction drawings at such times as they are available, and/or from site measurement.
- All settings out to be in accordance with the Architect's drawings, any ambiguities to be raised prior to construction.
- All construction details shall be compliant with the Local Authority details and specifications.

KERB NOTES

- ALL DIMENSIONS ARE IN MILLIMETERS
- Where Kerbing is to be laid to a radius of 12m or less, then radius kerbs shall be used to radii shown in B.S. EN 1340
- (i) When depth from top of foundation concrete to top surface of sub-base material is 150mm or more, the foundation concrete shall extend to the whole of this depth (ii) When depth from top of foundation concrete to top surface of sub-base material is less than 150mm, the foundation concrete shall be 150mm thick and the sub-base material shall be excavated to obtain the foundation dimensions.
- Foundation and backing concrete dimensions may locally vary at gully, duct, marker slabs, and dropper kerb positions.
- Expansion and contraction joints, drainage holes or pipes through concrete are as described in Appendix 11/1.
- The location of quadrants, dropper kerbs and other special units are as shown on the Drawings, and shall be considered part of the predominant adjoining kerb 'type' for measurement purposes.
- Thickness and extent of sub-base under kerb foundations is as shown to the outlines stated in the Contract.
- Kerbs shall be manufactured by a wet press process and shall comply with B.S. EN 1340.
- Where the extent of new construction is less than 750mm in width, then ST2 concrete may be used in lieu of sub-base and base material.

EDGING NOTES

- ALL DIMENSIONS ARE IN MILLIMETERS
- Should the Contractor wish to lay edgings onto mortar bed the foundation shall be laid to allow for a 12 thick designation (i) mortar bed.
- Backing concrete shall be continuous. Fronting concrete shall be sufficient to support the edgings at the ends and joints during construction of adjacent footway or paved area.
- Orientation of edging sections to Type EBN shall be as described in the Contract for each application.
- Edgings shall be manufactured by a wet press process and shall comply with B.S. EN 1340

KEY TO SECTION 38 / 278 DUDLEY MBC

- Carriageway offered for adoption
- Footway offered for adoption
- Verge offered for adoption
- Works to Existing Carriageway
- S104 Drainage
- Highway Drainage
- Street Lighting shown indicative only Design by others, refer to Lighting drawing for details

Residual Risk Register

No.	Description of Hazard	Control Measures	Action By
1	Excavations for kerb and road works	Contractor to provide method statement	

CONSTRUCTION

Issue No.	Description	Date
C4 MAS	Construction Issue - Bellmouth hatch adjusted	08/01/2021
C3 MAS	Construction Issue - Bellmouth position adjusted	15/12/2020
C2 MAS	Construction Issue	04/02/2020
C1 MAS	Construction Issue	11/02/2020
P1 MAS	Preliminary Issue - S171 details updated to site layout update	26/02/2020
P2 MAS	Preliminary Issue - S171 details updated to further LA comments received	11/02/2020
P3 MAS	Preliminary Issue - S171 details updated to LA comments received	26/02/2020
P4 MAS	Preliminary Issue - S171 details updated to current standards	08/02/2020
P5 MAS	Preliminary Issue - Notation updated	18/02/2020
P6 MAS	Preliminary Issue - Notation updated	22/02/2020
P7 MAS	Preliminary Issue - Additional location plan added at 1:1250 scale	25/02/2020
P8 MAS	Preliminary Issue - Scales clarified	25/02/2020
P9 MAS	Preliminary Issue - Site Area and Boundary highlighted	19/02/2020
P10 MAS	Preliminary Issue	19/02/2020

Client: **mac-group.com**
Dynamic Construction People

Project: **Proposed Commercial Units at Cakemore Road, Rowley Regis.**

Drawing Title: **Proposed Areas of Bellmouth Works S171 Detail Information**

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Complete Design Partnership Ltd

Date: Feb 2020
Scale: 1:500, 1:100 (AO)
Drawn: MAS
Checked:

Drawing No: **19-7693 / 1000**
Issue No: **C4**

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