FULL DEPTH CARRIAGEWAY CONSTRUCTION

40mm Surface Course
AC10 Thin Surf PSV 65 AAV_{10} to Cl.942

70mm Binder Course
AC 20 Dense Bin 100/150 to Cl. 906

210mm Base Course
AC32 Dense Base 100/150 to Cl. 906

470mm Sub-base
Type 1 Granular Sub-base to Cl.803

Assumed CBR value of 2.5% to be investigated on site. Sub-base thickness to be reduced accordingly following DMRB CD 225 Pavement Foundations Restricted Design

FULL DEPTH CARRIAGEWAY CONSTRUCTION IN WIDTHS OF LESS THAN 1m

40mm Surface Course
AC10 Thin Surf PSV 65 AAV_{10} to Cl.942

70mm Binder Course
AC 20 Dense Bin 100/150 to Cl. 906

210mm Base Course
ST4 Concrete Mix

470mm Sub-base
Type 1 Granular Sub-base to Cl.803

Assumed CBR value of 2.5% to be investigated on site. Sub-base thickness to be reduced accordingly following DMRB CD 225 Pavement Foundations Restricted Design

CARRIAGEWAY RESURFACING AND REGULATING TYPE 1

Milling of 50mm existing surface and replace with:

40mm Surface Course
AC10 Thin Surf PSV 65 AAV_{10} to Cl.942

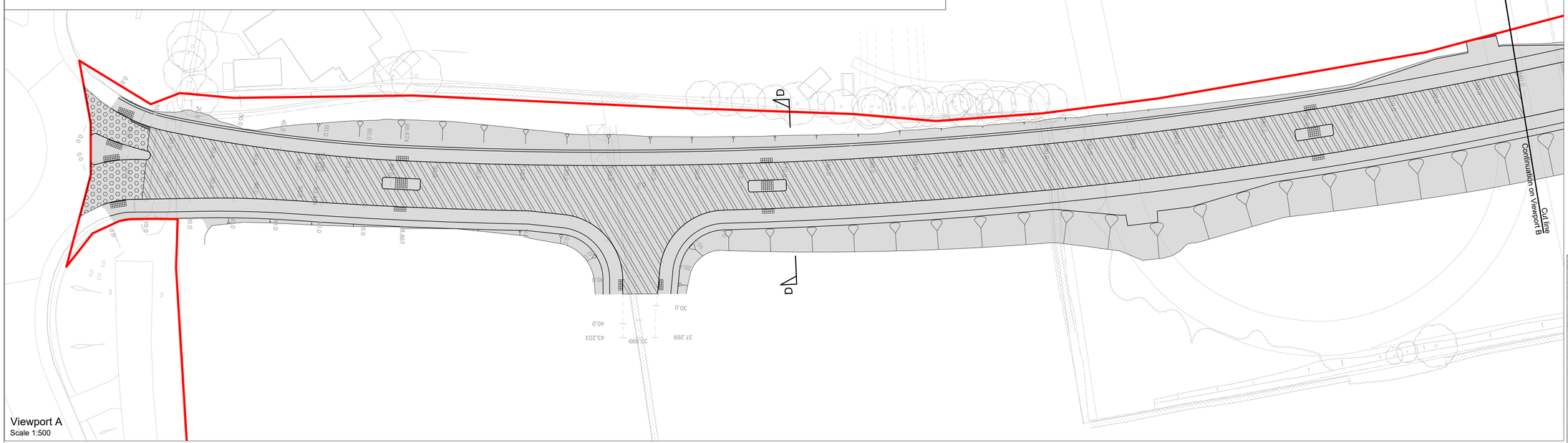
70mm Binder Course
AC 20 Dense Bin 100/150 to Cl. 906

Depth Varies Base Course Regulation
AC32 Dense Base 100/150 to Cl. 906

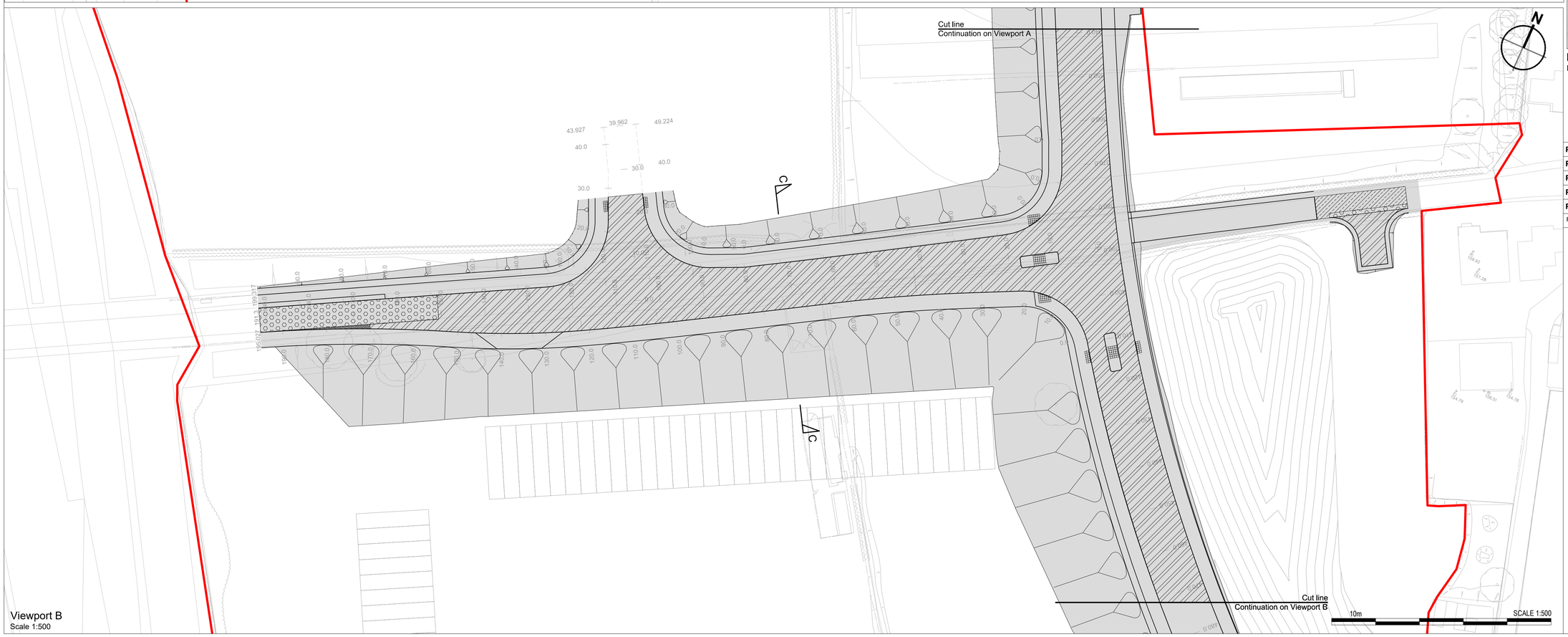
CARRIAGEWAY RESURFACING AND REGULATING TYPE 2

Milling of 50mm existing surface and replace with:

40mm Surface Course
AC10 Thin Surf PSV 65 AAV_{10} to Cl.942



Viewport A
Scale 1:500



Viewport B
Scale 1:500

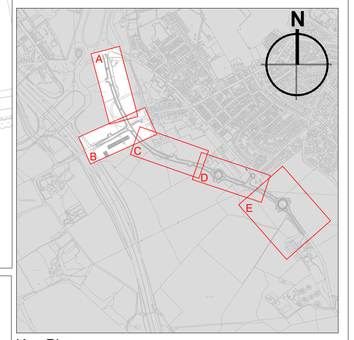
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Notes

1. This drawing has been prepared in accordance with the scope of RPS's appointment with its client and is subject to the terms and conditions of that appointment. RPS accepts no liability for any use of this document other than by its client and only for the purposes for which it was prepared and provided.
2. If received electronically it is the recipients responsibility to print to correct scale. Only written dimensions should be used.
3. This drawing should be read in conjunction with all other relevant drawings and specifications.
4. Masterplan taken from PHP drawing 4400-001 Rev P25, received 15/06/2020.
5. All works to be carried out in accordance with the Specification for Highway Works, the South Yorkshire Residential Design Guide and the requirements of Barnsley Metropolitan Borough Council.
6. For typical sections refer to drawing number HOYLA-RPS-SI-XX-DR-CR-0651 Rev P05.
7. For pavement construction refer to Proposed Link Road Design Statement HOYLA-RPS-SI-XX-RP-CR-0001 Rev P04.
8. All information shown on this drawing is subject to Technical Approval from BMBC.
9. For further details of pavement types, refer to appendix 7/1 of the specification for highways works.

Key:

- Planning Boundary
- Extent of Highway Works
- Full Depth Carriageway Construction
- Full Depth Carriageway Construction in Widths less than 1m
- Carriageway Resurfacing and Regulating Type 1
- Carriageway Resurfacing and Regulating Type 2



Key Plan
Not to Scale

Rev	Description	By	Ckd	Date
P05	BMBC comments received 26.11.20 incorporated	AB	ANT	01.12.20
P04	BMBC comments received 05.11.20 incorporated	AB	ANT	20.11.20
P03	Amendments to highway alignment provided	AB	ANT	26.10.20
P02	Amendments to Tankersley Lane provided	AB	ANT	26.08.20
P01	First Issue	KA	LAM	14.07.20

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Client: newlands developments

Project: Hoyland

Title: Pavement Construction (Sheet 1 of 3)

RPS Project Number	Scale @ A1	Date Created
NK020040	1:500	08.07.2020
Task Team Manager	**Information Author**	**Task Information Manager**
SG	KA	LAM

Status: S2 (Suitable for Information)

Document Number: HOYLA-RPS-SI-XX-DR-CR-701
Project Code - Originator - Zone - Level - Type - Role - Drawing Number

Revision: P05

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