Key

New Carriageway Construction

40mm thick HRA 35/14 F surf 40/60 PSV 65
60mm thick AC 20 HDM bin 40/60 des
150mm thick AC32 Base 100/150 REC
250mm thick Type 1 Granular un-bound mixture
Sub Base

New Work Tie-in Detail
40mm thick HRA 35/14 F surf 40/60 PSV 65
60mm thick AC 20 HDM bin 40/60 des
Refer to Inset A

Narrow Widening Detail

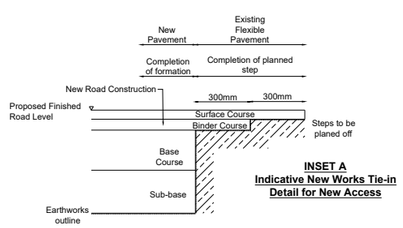
40mm thick HRA 35/14 F surf 40/60 PSV 65
60mm thick AC 20 HDM bin 40/60 des
AC 20 HDM bin 40/60 des Regulating Course
300mm thick ST4 concrete base
Refer to Inset B

Kerbs & Edging

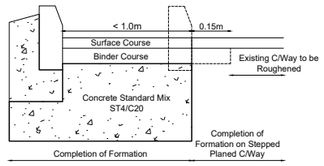
DK / TR — Drop kerb consisting of :
125 x 255/150mm hand to suit dropper kerbs
125 x 150mm pre-cast concrete bullnosed kerbs
5mm kerb face with a tolerance of +1mm and -2mm

E1 — 50x200mm pre-cast concrete edging with flush finish on concrete bed and backing

B — Proposed Bollard with reflective band at the top (product specification to be agreed)



INSET A
Indicative New Works Tie-in Detail for New Access

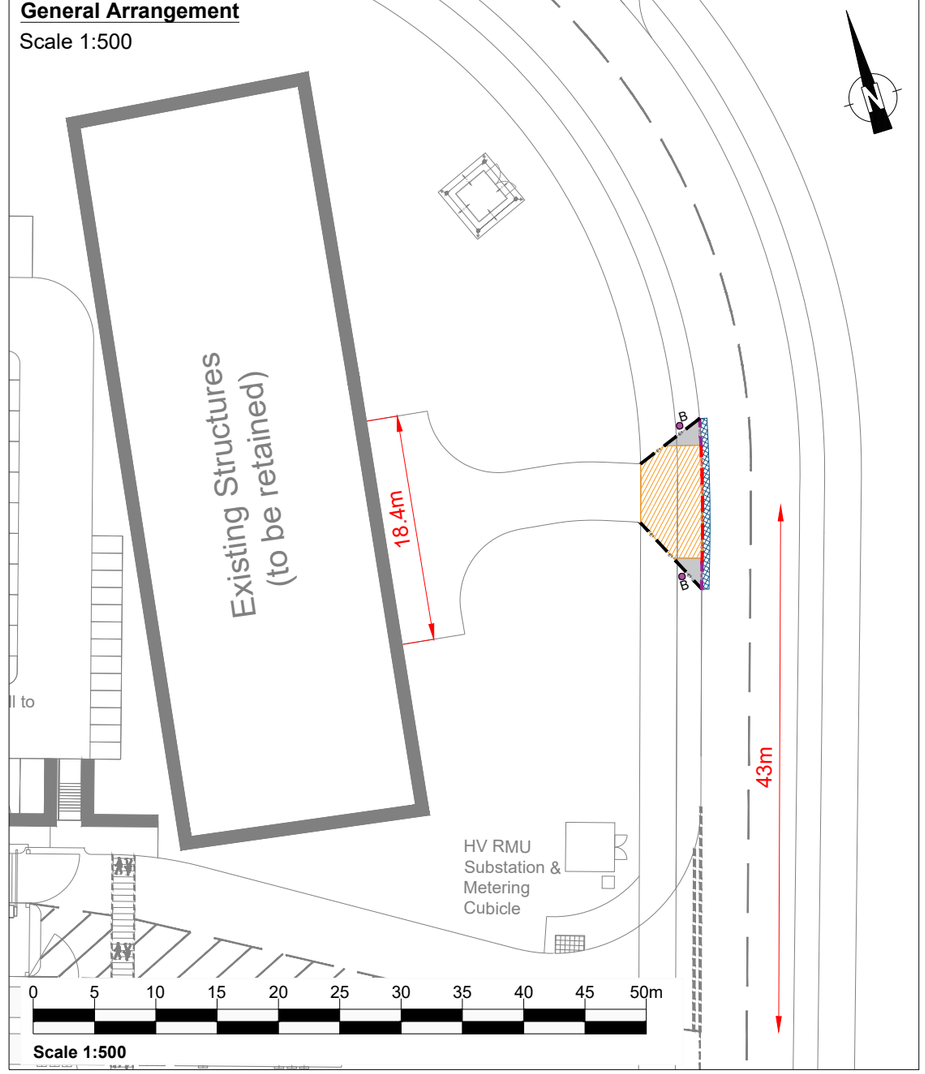


INSET B
Indicative Narrow Widening Detail for New Access

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General Arrangement

Scale 1:500

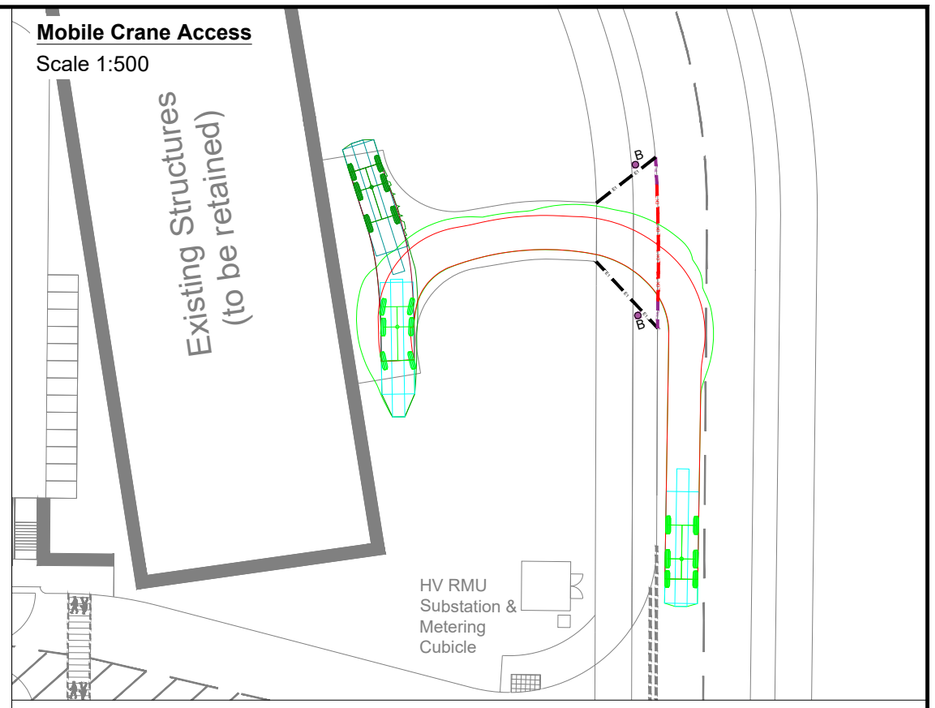


Example Arrangement



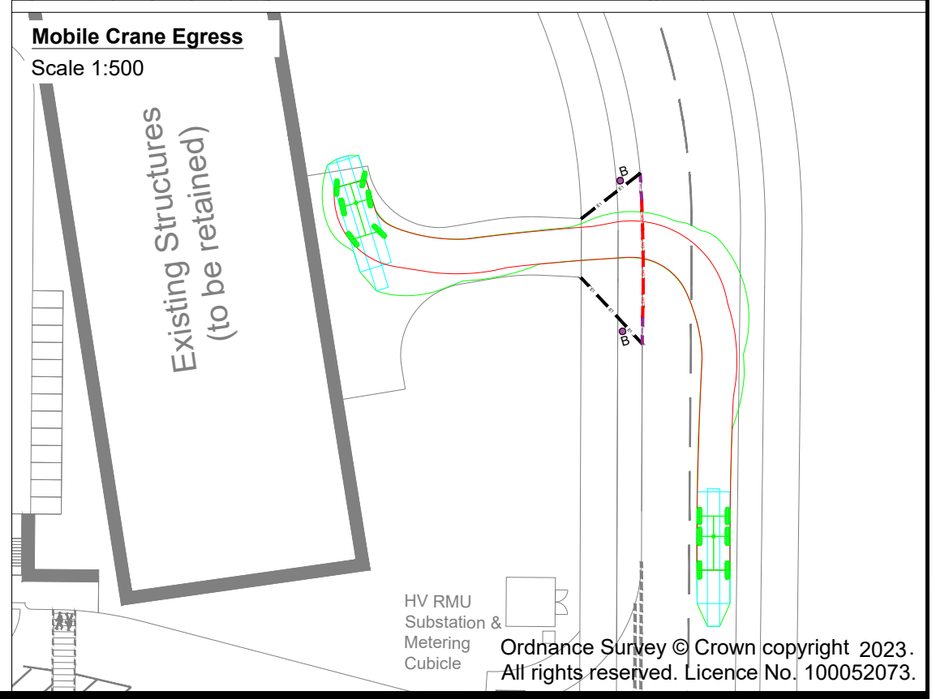
Mobile Crane Access

Scale 1:500



Mobile Crane Egress

Scale 1:500

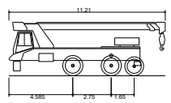


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REV.	DETAILS	DRAWN	CHECKED	DATE
A	Site layout updated	WD	PT	18.07.23
B	Site layout updated	DJR	PT	17.08.23
C	Scale Bar Added	DJR	PT	20.09.23
D	Updated Turning Head Dimension	DJR	PT	09.10.23

Notes:

1. This is not a construction drawing and is intended for illustrative purposes only.
2. White lining is indicative only.



Liebherr LTM 1045-3.1 Mobile Crane	
Overall Length	11.210m
Overall Width	2.680m
Overall Body Height	3.833m
Min Body Ground Clearance	0.353m
Track Width	2.680m
Lock to lock time	4.00s
Wall to Wall Turning Radius	8.210m

Cronton Colliery, Knowsley

Tritax Symmetry

Mineshaft Area Maintenance Access Proposal

vectos.
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DRAWN:	CHECKED:	DATE:	SCALES:	DRAWING NUMBER:	REVISION:
DJR	PT	06.04.23	As shown at A3	VN232557 - TR104	D