



MetroWest+

Portishead Branch Line (MetroWest Phase 1)

TR040011

Applicant: North Somerset District Council

2.45 to 2.46 - Ham Green Highway Works and Pill Tunnel Eastern Portal Compound Plans

**The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009, regulation 5(2)(o)
Planning Act 2008**

Author: CH2M

Date: November 2019



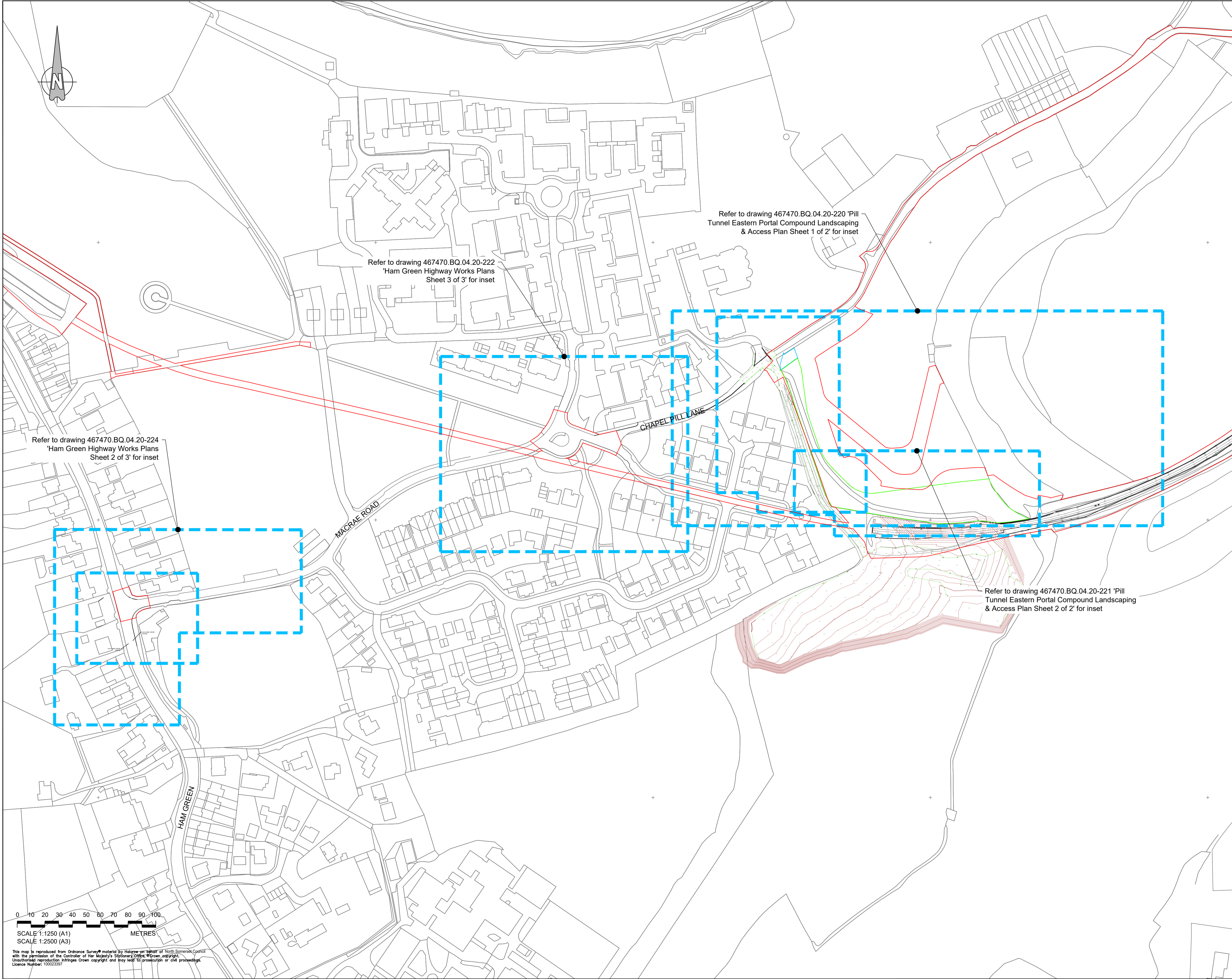
Document Index

2.45	Ham Green Highway Works Plans	The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009, regulation 5(2)(o)	467470.BQ.04.20-222-224 Rev E
2.46	Pill Tunnel Eastern Portal Compound, Landscaping and Access Plan	The Infrastructure Planning (Applications: Prescribed Forms and Procedure) Regulations 2009, regulation 5(2)(o)	467470.BQ.04.20-220-221 Rev U

DO NOT SCALE. This drawing is to be read in conjunction with all relevant Architects, Engineers and Specialist Manufacturer's drawings and specifications. If in doubt please consult the Engineer.

Notes:
1. All dimensions are in metres unless noted otherwise.

KEY:
Order Limits



Refer to drawing 467470.BQ.04.20-224 'Ham Green Highway Works Plans Sheet 2 of 3' for inset

Refer to drawing 467470.BQ.04.20-222 'Ham Green Highway Works Plans Sheet 3 of 3' for inset

Refer to drawing 467470.BQ.04.20-220 'Pill Tunnel Eastern Portal Compound Landscaping & Access Plan Sheet 1 of 2' for inset

Refer to drawing 467470.BQ.04.20-221 'Pill Tunnel Eastern Portal Compound Landscaping & Access Plan Sheet 2 of 2' for inset

Rev	By	Chkd	Apprvd	Date	Description
D	DHP	ADL	ADL	31/10/2015	Road names added and minor amendments
C	DHP	ADL	ADL	31/07/2015	Drawing order revised & red line boundary added
B	DHP	KS	ADL	04/10/2015	Title amendments
A	ECF	AL	AL	20/10/2015	Red line boundary added Minor amendments



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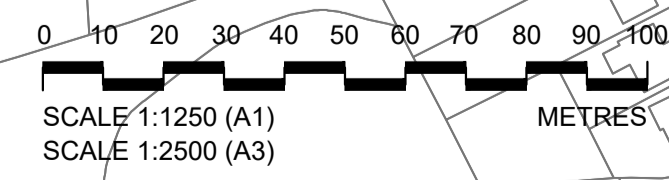
Project: **PORTISHEAD BRANCH LINE
(METROWEST PHASE 1)**

Drawing: **HAM GREEN HIGHWAY
WORKS PLANS
SHEET 1 OF 3**

Drawn by: ADS Date: 10/11/2015
Checked by: AL Date: 12/11/2015
Approved by: AL Date: 12/11/2015

Drawing No. **467470.BQ.04.20-223** Revision **D**

Drawing Scale: 1:1250 @ A1 or 1:2500 @ A3



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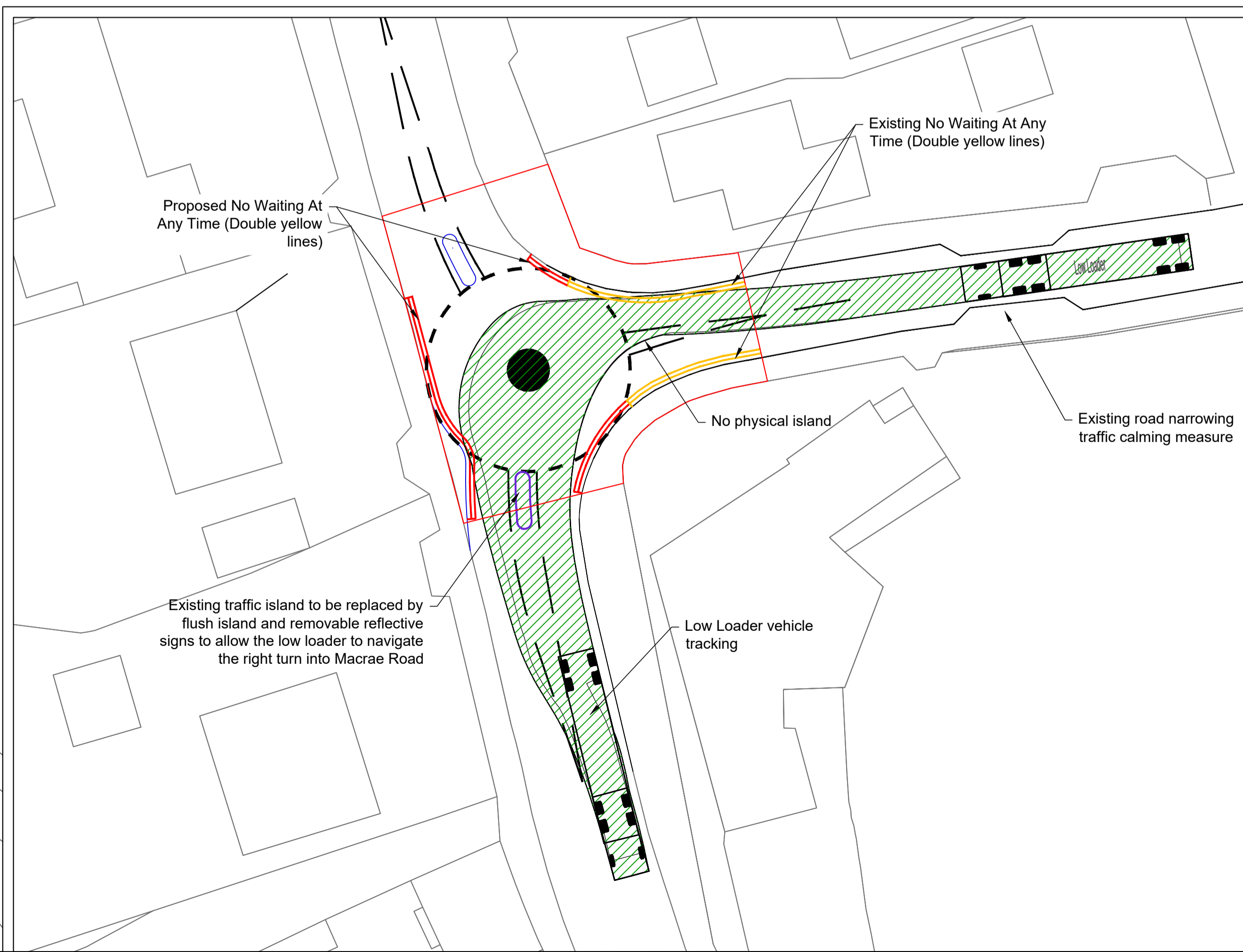
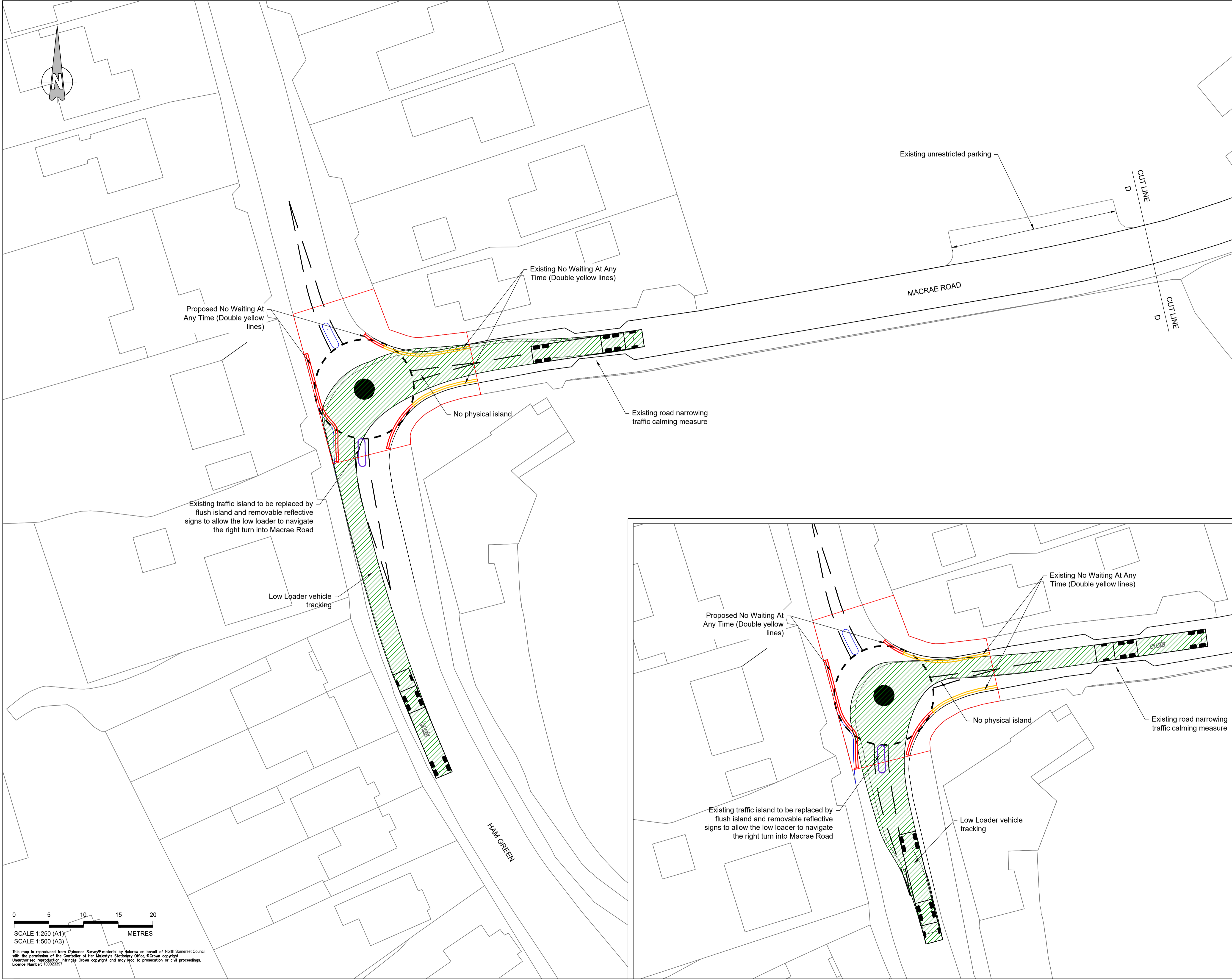
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DO NOT SCALE. This drawing is to be read in conjunction with all relevant Architects, Engineers and Specialist Manufacturer's drawings and specifications. If in doubt please consult the Engineer.

- Notes:**
- All dimensions are in metres unless noted otherwise.
 - Refer to drawing 467470.BQ.04.20-223 'Ham Green Highway Works Plans Sheet 1 of 3' for Key Plan.

KEY:

— Order Limits



Rev	By	Chkd	Apprvd	Date	Description
E	DHP	ADL	ADL	31/10/2019	Proposed TRVs added and minor amendments
D	DHP	ADL	ADL	31/07/2019	Drawing order revised & red line boundary added
C	DHP	KS	ADL	04/10/2017	Title amendments
B	DHP	ADS	ADL	15/09/2017	Minor amendments
A	ECF	AL	AL	21/01/2016	Red line boundary added Minor amendments



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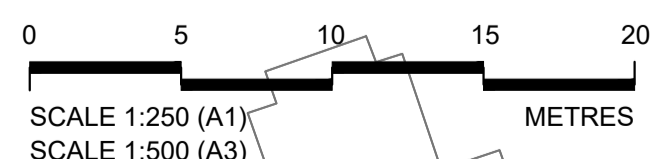
Project **PORTISHEAD BRANCH LINE
(METROWEST PHASE 1)**

Drawing **HAM GREEN HIGHWAY
WORKS PLANS
SHEET 2 OF 3**

Drawn by: ADS Date: 10/11/2015
 Checked by: AL Date: 12/11/2015
 Approved by: AL Date: 12/11/2015

Drawing No. **467470.BQ.04.20-224** Revision **E**

Drawing Scale: 1:250 @ A1



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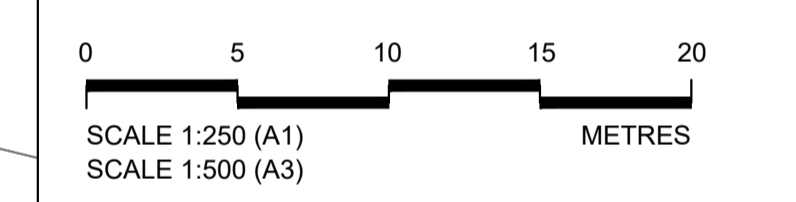
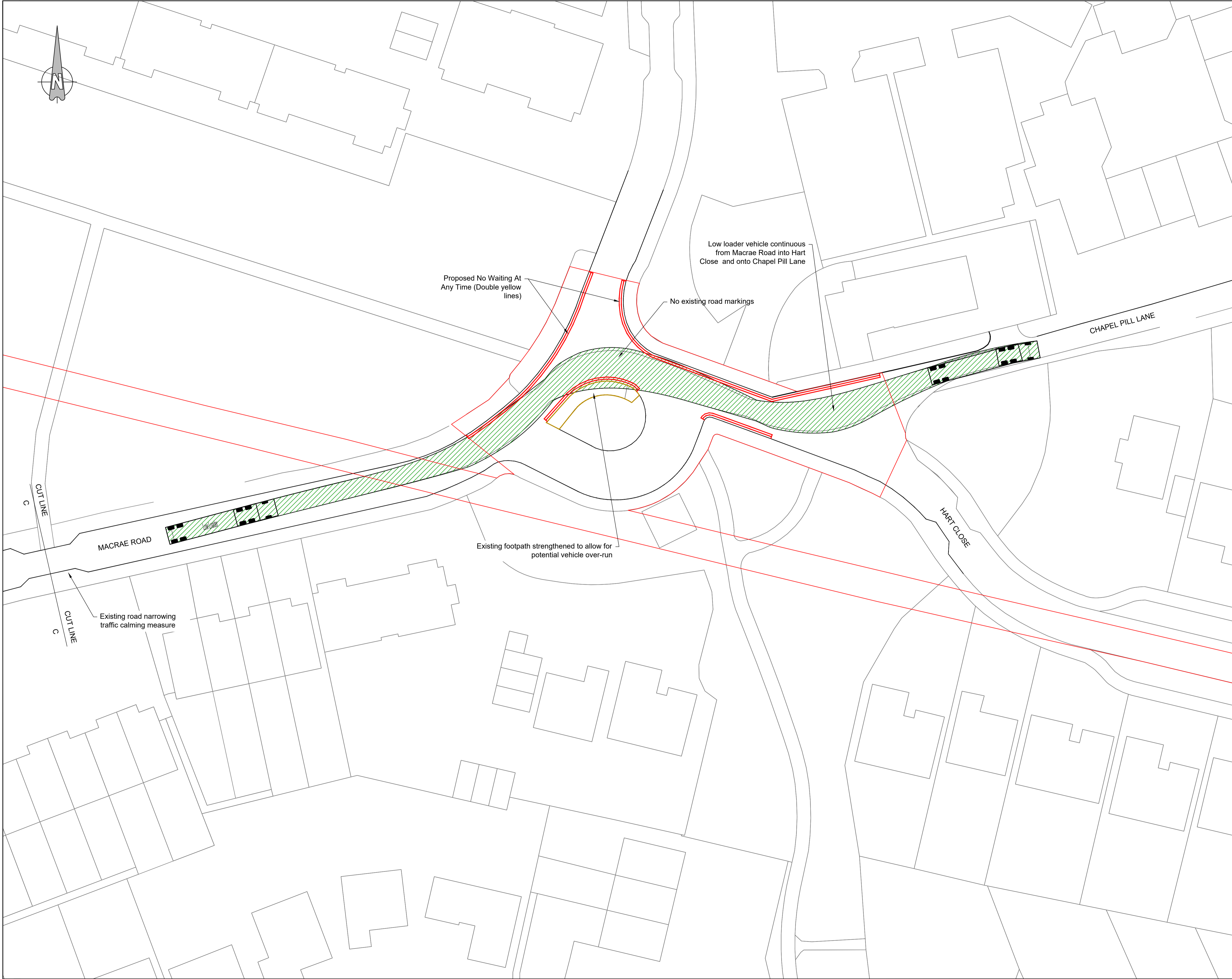
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 2. Refer to drawing 467470.BQ.04.20-223 'Ham Green Highway Works Plans Sheet 1 of 3' for Key Plan.

KEY:

— Order Limits



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Rev	By	Chkd	Apprvd	Date	Description
E	DHP	ADL	ADL	31/10/2019	Proposed TRVs added and minor amendments
D	DHP	ADL	ADL	31/07/2019	Drawing order revised & red line boundary added
C	DHP	KS	ADL	04/10/2017	Title amendments
B	DHP	ADS	ADL	15/09/2017	Minor amendments
A	ECF	AL	AL	21/01/2015	Red line boundary added Minor amendments



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Project: **PORTISHEAD BRANCH LINE (METROWEST PHASE 1)**

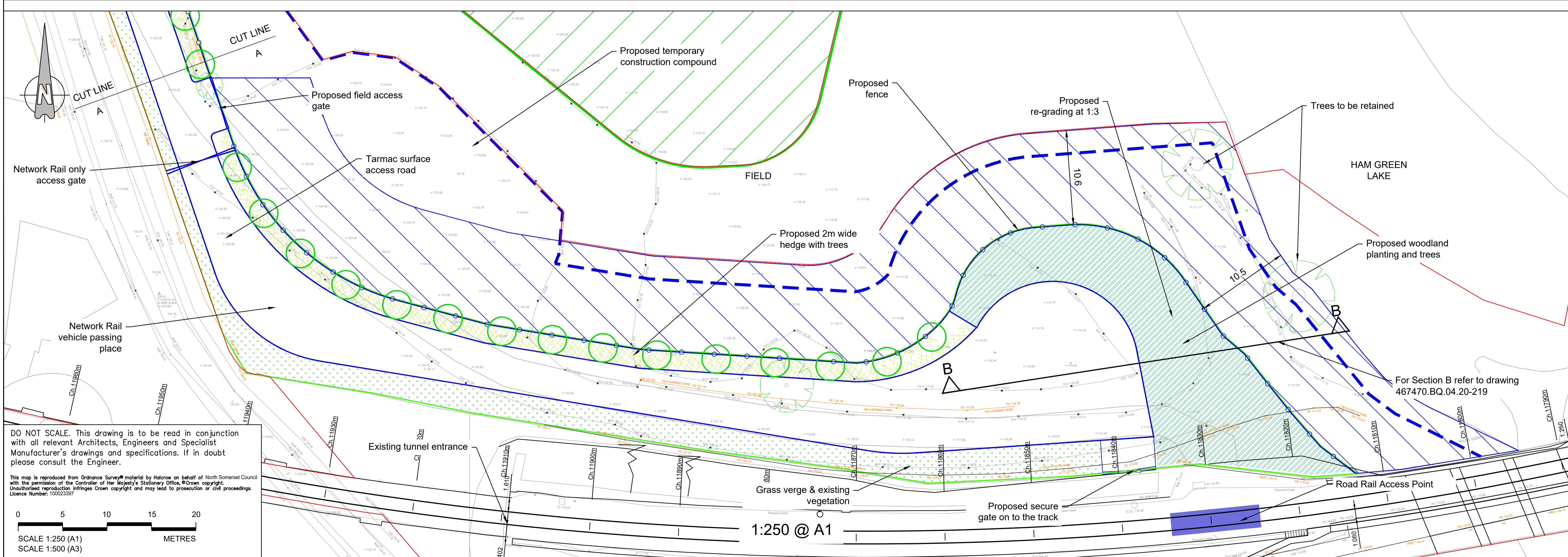
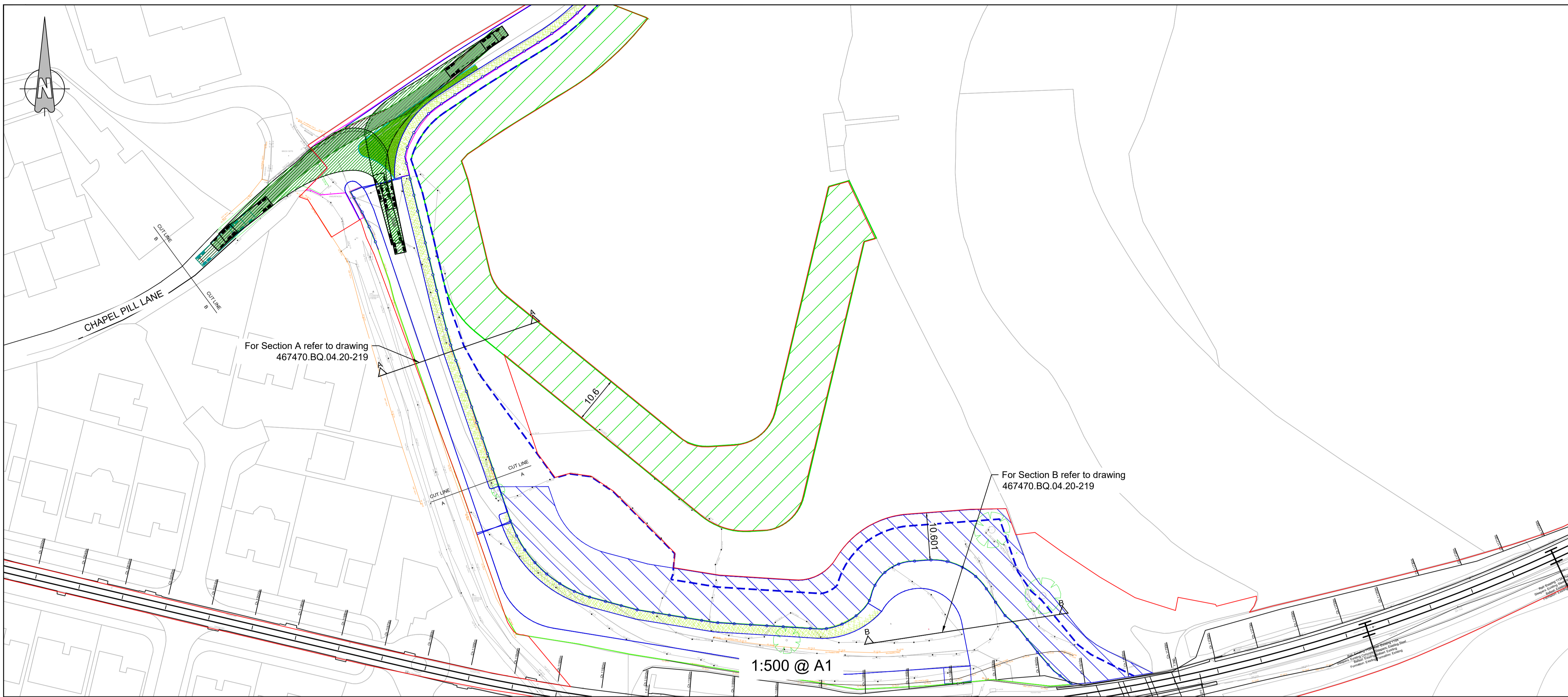
Drawing: **HAM GREEN HIGHWAY WORKS PLANS SHEET 3 OF 3**

Drawn by: ADS Date: 10/11/2015
 Checked by: AL Date: 12/11/2015
 Approved by: AL Date: 12/11/2015

Drawing No. **467470.BQ.04.20-222** Revision **E**

Drawing Scale: 1:250 @A1

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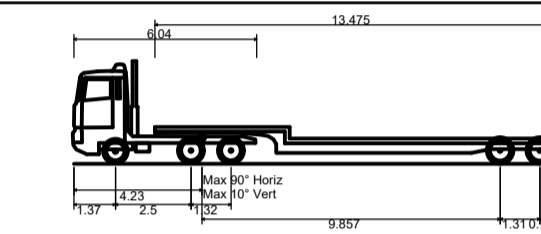


NOTES:

- All dimensions are in metres unless noted otherwise.
- Refer to drawing 467470.BQ.04.20-223 'Ham Green Highway Works Plans Sheet 1 of 3' for Key Plan.

KEY:

- Area of land required temporarily during construction
- Highway works
- Network Rail works
- Temporary Right for access to Lake
- Permanent Right for access to Lake
- Order Limits



Low Loader
 Overall Length 16.154m
 Overall Width 2.500m
 Overall Body Height 3.383m
 Min Body Ground Clearance 0.318m
 Max Track Width 2.500m
 Lock to lock time 6.006
 Kerb to Kerb Turning Radius 9.990m

Rev	By	Chkd	Apprvd	Date	Description
U	DHP	ADL	ADL	31/10/2019	Minor amendments
T	DHP	ADL	ADL	19/10/2019	Amendments to match Adient land plans
S	DHP	ADL	ADL	31/07/2019	Updates to red line boundary and key
R	DHP	ADL	ADL	12/07/2019	Minor amendments & red line boundary added
Q	DHP	ADL	ADL	25/02/2019	Note amendments
P	DHP	ADS	ADL	28/11/2018	Minor amendments
O	DHP	ADL	ADL	29/09/2018	Minor amendments
N	DHP	AL	AL	30/05/2018	Temporary access amended
M	ADS	ADL	ADL	21/02/2018	NR Minor Cuts Updates & Site entrance altered to cater for Low Loader
L	DHP	AL	AL	18/11/2018	Alterations to temporary red line boundary and access track shown
K	DHP	KS	AL	04/10/2017	Title amendments
J	DHP	ADS	AL	18/09/2017	Principal Supply Point added
I	DHP	AL	AL	18/07/2017	Tunnel access re-design
H	ADS	AL	AL	24/05/2017	Network Rail Top survey data added
G	ECP	AL	AL	04/11/2016	Access gate relocated: Highways work and NR work boundary amended Proposed grass added
F	ECP	AL	AL	31/08/2016	Minor amendments
E	ECP	AL	AL	14/02/2016	Minor amendments Planting and trees added
D	ADS	AL	AL	25/02/2016	Compound Re-design to incorporate assumed ground profile On-hedge and trees included
C	ADS	AL	AL	24/02/2016	Contours Added
B	ECP	AL	AL	21/01/2015	Red line boundary added Highways and Network Rail works line added
A	ADS	AL	AL	11/12/2015	Network Rail Power Supply Building added on the north side of the track with access tracks amended to suit



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Project **PORTISHEAD BRANCH LINE (METROWEST PHASE 1)**

Drawing **PILL TUNNEL EASTERN PORTAL COMPOUND LANDSCAPING & ACCESS PLAN SHEET 1 OF 2**

Drawn by: ADS Date: 10/11/2015

Checked by: AL Date: 12/11/2015

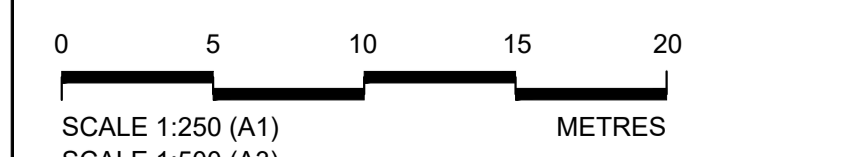
Approved by: AL Date: 12/11/2015

Drawing No. **467470.BQ.04.20-220** Revision **U**

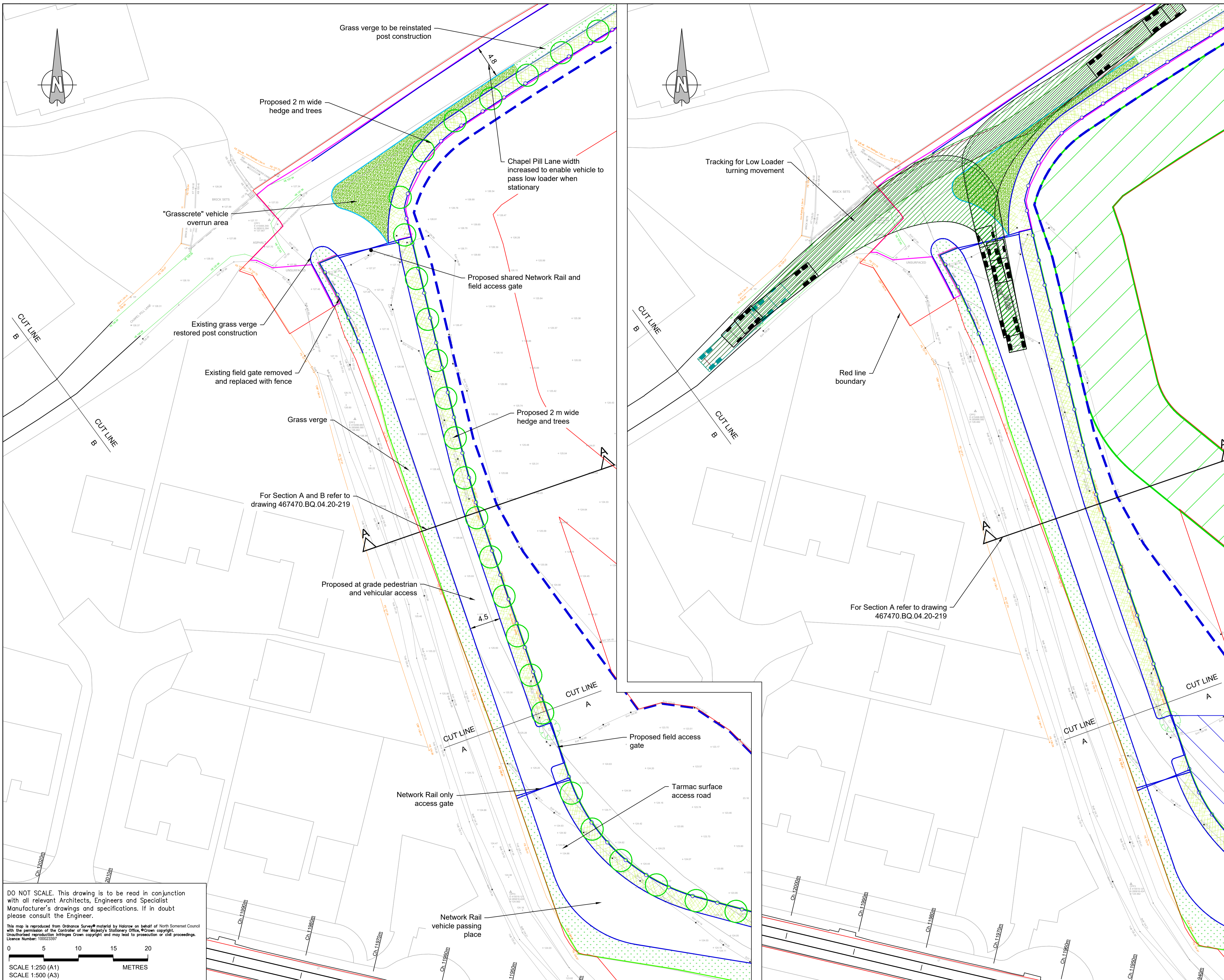
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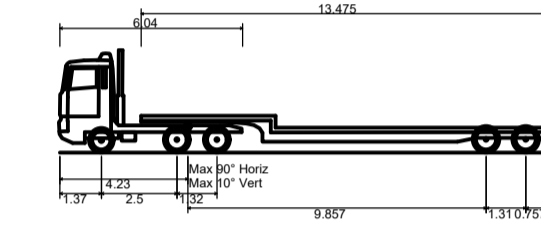


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- Order Limits



Low Loader	Overall Length	16.154m
	Overall Width	2.520m
	Overall Body Height	3.393m
	Min Body Ground Clearance	0.315m
	Max Track Width	2.500m
	Lock to lock distance	6.000m
	Kerb to Kerb Turning Radius	6.990m

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T	DHP	ADL	ADL	19/10/2019	Amendments to match Adient land plans
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H	ADS	AL	AL	24/05/2017	Network Rail Topo survey data added
G	ECF	AL	AL	04/11/2016	Access gate relocated; Highways work and NR work boundary amended; Proposed grass added
F	ECF	AL	AL	31/08/2016	Minor amendments
E	ECF	AL	AL	14/02/2016	Highway works line amended; Minor amendments
D	ADS	AL	AL	25/02/2016	Compound Re-design to incorporate assumed ground profile; Ch-hedge and trees included
C	ADS	AL	AL	24/02/2016	Contours Added
B	ECF	AL	AL	21/01/2015	Red line boundary added; Highways and Network Rail works line added
A	ADS	AL	AL	11/12/2015	Network Rail Power Supply Building added on the north side of the track with access tracks amended to suit



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Project: **PORTISHEAD BRANCH LINE (METROWEST PHASE 1)**

Drawing: **PILL TUNNEL EASTERN PORTAL COMPOUND LANDSCAPING & ACCESS PLAN SHEET 2 OF 2**

Drawn by: ADS Date: 10/11/2015
 Checked by: AL Date: 12/11/2015
 Approved by: AL Date: 12/11/2015

Drawing No: **467470.BQ.04.20-221** Revision: **U**

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SCALE 1:250 (A1)
 SCALE 1:500 (A3)

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