

<b>FORMATION</b> ELIVERY TEAM, AND THEREFORE ONLY ED WITH THIS DRAWING ARE
ED SAFETY MEASURES REFER F: 133735-NWR-RSA-SSD-000001.
ESCRIPTION
LITIES
8 H&S RISKS Z)

PROPOSED POST & WIRE FENCE

PROPOSED GATE

PROPOSED TRAFFIC SIGN

PROPOSED EARTHWORKS

GRASS VERGE

NEW PAVEMENT

PROPOSED DRAINAGE CULVERT

PROPOSED YELLOW ROAD MARKING

PROPOSED WHITE ROAD MARKING

PROPOSED ROAD EDGE

EXISTING ROAD EDGE

HIGHWAY BOUNDARY

PIF	'E-1
REAM	DOWNSTREAM
7.247	178506.086
4.281	141939.233
-56	65.649
'38	65.588
E 1	TYPE 1
FILTE	R PIPE
300	mm

NETWORK RAIL (EAST WEST RAIL WESTERN SECTION PHASE 2) NOTES:

1. THIS DRAWING IS NOT TO BE SCALED.

CHAPTER 5 (2003)'.

A SECURE BOUNDARY.

- 2. ALL DIMENSIONS ARE IN METRES (m) UNLESS SHOWN
- OTHERWISE.
- 3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE

5. FOR DETAILS OF ROAD MARKINGS, REFER TO STANDARD

6. FOR DETAILS OF TRAFFIC SIGNS, REFER TO SIGNAGE STRATEGY DRAWING FOR BUCKINGHAMSHIRE COUNTY

. WHERE A FENCE IS PROPOSED IT SHALL TIE-IN TO THE

8. THE SURFACE RUNOFF FROM THE ACCESS TO COMPOUND WILL BE MANAGED BY THE COMPOUND DRAINAGE SYSTEM.

CONSTRUCTION DETAIL TW5 ROAD MARKINGS FOR COMPOUND ACCESS DRAWING No. 133735\_RW-EWR-XX-XX-DR-CH-000122.

COUNCIL DRAWING No. 133735\_2A-EWR-OXD-XX-DR-CH-010250.

EXISTING HEDGEROW OR BOUNDARY TREATMENT TO PROVIDE

- . WHEREVER REQUIRED, ROAD MARKINGS ARE TO BE LAID IN ACCORDANCE WITH 'THE TRAFFIC SIGN REGULATIONS AND GENERAL DIRECTIONS 2016' & `TRAFFIC SIGNS MANUAL
- HIGHWAY DESIGN PACKAGE OF DRAWINGS AND DOCUMENTS.

**EWR Alliance Connecting Peop** 

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B01 18/11/19 FOR INFORMATION

Rev Date

Status

East West Rail (Western Section) Phase 2

Description of Revisions

**SHARED** - for Information

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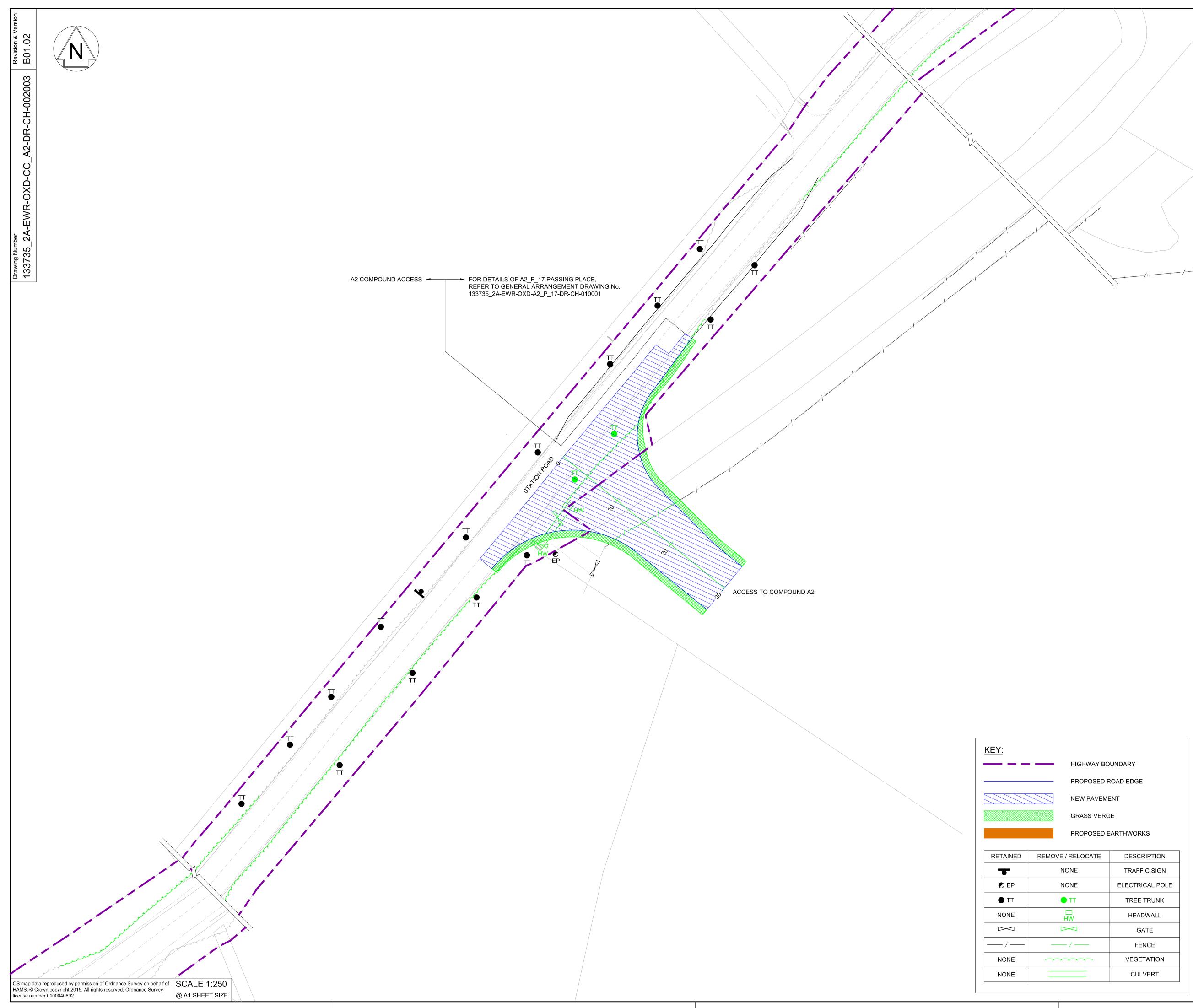
N.T. E.F. S.A.

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**S**2

# Drawing Title ACCESS TO COMPOUND A2 GENERAL ARRANGEMENT

Designed	Nagoth Thom	as Ravi Kuma	r <sup>Signed</sup> N. T. R. Kumar			<sup>Date</sup> 12/11/19
Drawn	Ravikumar KN		Signed	R. KN		<sup>Date</sup> 21/01/19
Checked	Edward Findlay		Signed	E. Findl	ay	<sup>Date</sup> 12/11/19
Approved	Stephen Abe		Signed	S. Abe	;	<sup>Date</sup> 13/11/19
<sup>Scale(s)</sup> 1:250		ELR - Project Cha	ainage (M	iles Yards)		
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Drawing Nu	mber					



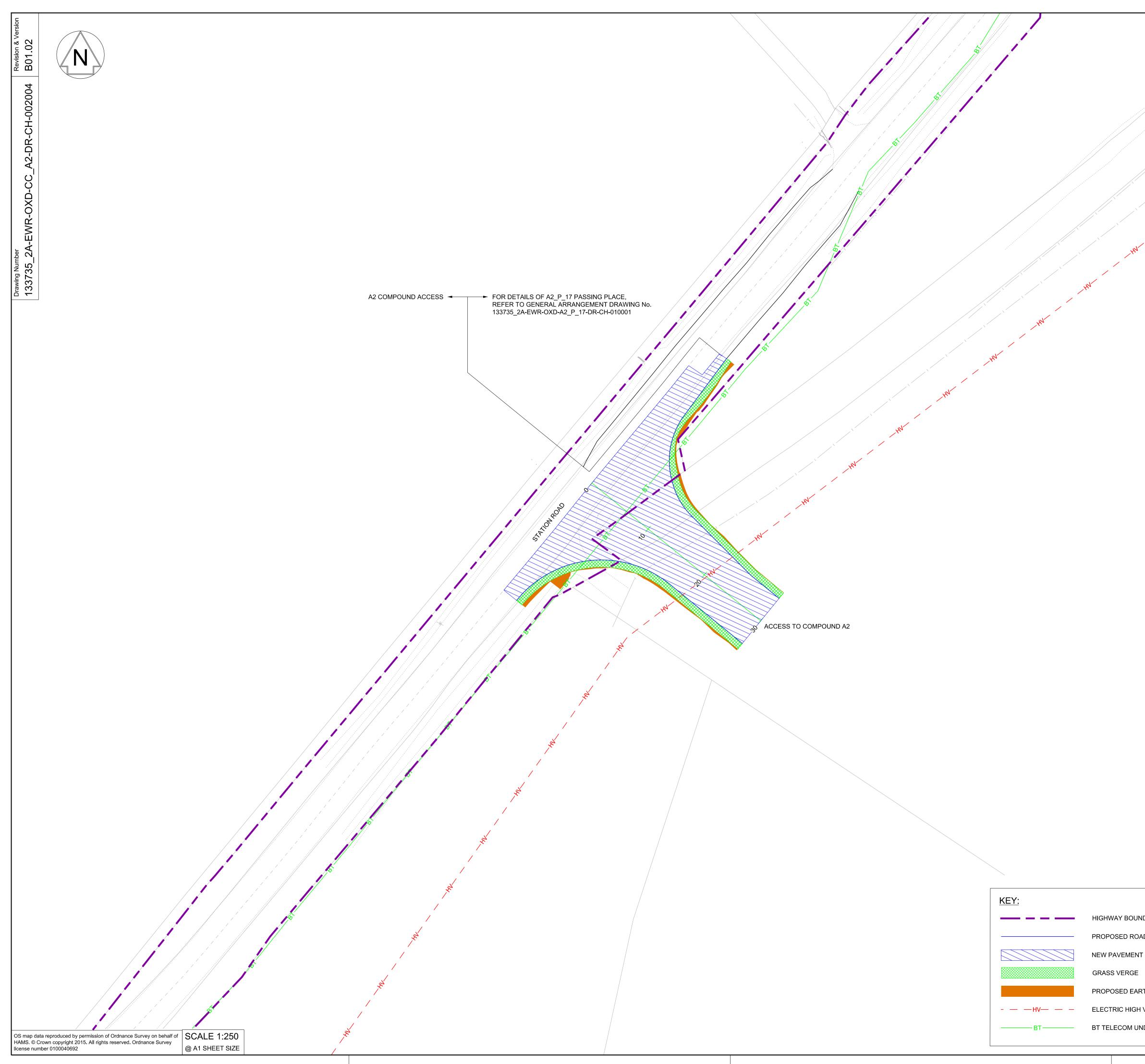
## NETWORK RAIL (EAST WEST RAIL WESTERN SECTION PHASE 2)

NOTES:

- 1. THIS DRAWING IS NOT TO BE SCALED.
- 2. ALL DIMENSIONS ARE IN METRES (m) UNLESS SHOWN OTHERWISE.
- 3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE HIGHWAY DESIGN PACKAGE OF DRAWINGS AND DOCUMENTS.
- . PRIOR TO THE COMMENCEMENT OF WORKS, A SUITABLY QUALIFIED ECOLOGIST SHALL INSPECT THE SITE FOR THE PRESENCE OF PROTECTED SPECIES AND HABITAT. THE ECOLOGIST SHALL THEN ADVISE EWR ALLIANCE ON THE REQUIRED PRECAUTIONARY METHODS AND AREAS OF EXCLUSION.
- 5. WHERE SITE CLEARANCE WORKS HAVE THE POTENTIAL TO IMPACT TREES OR HEDGES WHICH ARE TO BE RETAINED, AN ARBORICULTURIST SHALL BE PRESENT TO ADVISE ON ROOT PROTECTION ZONE EXTENTS, ROOT PRUNING AND CROWN RAISING. WORKS SHALL BE CARRIED OUT IN ACCORDANCE WITH BS3998:2010.
- 6. SITE CLEARANCE, WHERE THERE IS PROXIMITY TO HABITAT OF PROTECTED SPECIES, SHALL BE CARRIED OUT UNDER THE SUPERVISION OF A SUITABLY QUALIFIED ECOLOGIST.
- 7. THE EXTENTS OF ALL SITE CLEARANCE WORKS SHALL BE RECORDED IN THE AS-BUILT SITE CLEARANCE DRAWINGS AND SHALL ALSO BE RECORDED, WITH PHOTOGRAPHS OF FEATURES PRIOR TO REMOVAL, IN THE SITE CLEARANCE REGISTER. THE SITE CLEARANCE REGISTER SHALL BE MAINTAINED BY EWR ALLIANCE AND WILL INFORM REINSTATEMENT DETERMINATION.
- 3. IN LOCATIONS WHERE EXISTING TREES OVERHANG THE PASSING PLACE CROWN LIFTING, TO GIVE 5m CLEARANCE ABOVE GROUND LEVEL, SHALL BE UNDERTAKEN TO THE BACK OF THE PROPOSED VERGE. THIS SHALL BE UNDERTAKEN UNDER THE SUPERVISION OF AN ARBORICULTURIST.
- 9. THE VEGETATION CLEARANCE SHOWN HERE ON THE DRAWING IS INDICATIVE ONLY. THE SITE TEAM NEEDS TO ASCERTAIN THE REQUIRED CLEARANCE BASED ON THE VISIBILITY SPLAY, INTERVISIBILITY ZONE AND OR WORKS REQUIRED FOR THIS SITE.
- 10.FOR CLARITY ONLY THE TRUNKS OF EXISTING TREES ARE SHOWN, FOR CANOPY EXTENTS THE TREE SURVEY MODEL AND MASTER SCHEDULE ARE TO BE REFERED TO.

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Drawn	Nagoth Thomas Ravi Kuma	Signed		<sup>ate</sup> 12/1	
Checked	Ravikumar KN	R. NN		ate 21/0	
	Edward Findlay	Signed E. Findla		ate 12/1	
Approved Scale(s) <b>1:250</b>	Stephen Abe ELR - Project Ch OXD -	Signed S. Abe ainage (Miles Yards)		<sup>ate</sup> 13/1	1/19
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<u>/ RELOCATE</u>	DESCRIPTION
IONE	TRAFFIC SIGN
IONE	ELECTRICAL POLE
ТТ	TREE TRUNK
□ HW	HEADWALL
$\triangleleft$	GATE
- /	FENCE
$\sim$	VEGETATION
	CULVERT





NOTES:

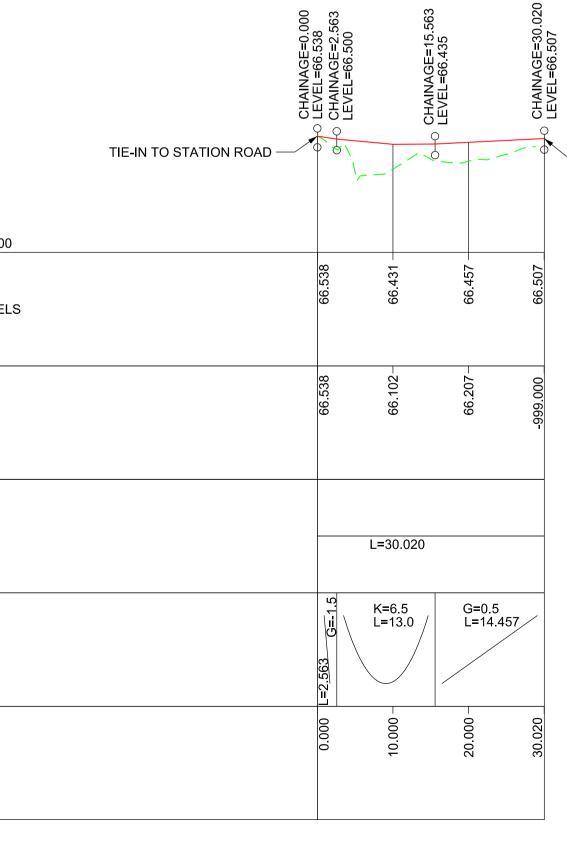
- 1. THIS DRAWING IS NOT TO BE SCALED.
- 2. ALL DIMENSIONS ARE IN METRES (m) UNLESS SHOWN OTHERWISE.
- 3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE HIGHWAY DESIGN PACKAGE OF DRAWINGS AND DOCUMENTS.
- . THE EXACT LOCATION AND EXTENT OF BURIED SERVICES SHALL BE VERIFIED ON SITE PRIOR TO COMMENCEMENT OF THE WORKS. AGREEMENT WITH PRIVATE LANDOWNERS SHALL BE OBTAINED PRIOR TO WORKS WHERE ACCESS TO PRIVATE LAND IS REQUIRED.
- 5. THIS DRAWING SHOWS THE POSITION OF UTILITY COMPANIES APPARATUS KNOWN TO OPERATE IN THE AREA IMMEDIATELY ADJACENT TO AND WITHIN THE LAND TAKE BOUNDARY FOR EAST WEST RAIL.
- 6. THE POSITIONS INDICATED FOR THE APPARATUS ARE BASED ON RECORDS PROVIDED BY NETWORK RAIL. THE ACCURACY OF THE DRAWING IS THEREFORE LIMITED BY THE ACCURACY OF THE RECORDS MAINTAINED BY THE UTILITY COMPANIES, THE METHODS AVAILABLE TO PROCESS / REPRODUCE THIS INFORMATION IN THE DRAWINGS AND THE AGE OF THE INFORMATION. THERE IS THE POSSIBILITY THAT APPARATUS HAS BEEN ADDED OR REMOVED SINCE THE RECORDS WERE PROVIDED.
- 7. ALL SEARCHES MUST BE VERIFIED AND ESTABLISHED ON SITE BEFORE WORK COMMENCES. IT IS THE RESPONSIBILITY OF THE EWR ALLIANCE TO IDENTIFY AND LOCATE UTILITY PLANT PRIOR TO WORK GOING AHEAD.

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Drawn	Ravikumar K	N	Signed	R. KN		Date 21/0	01/19
Checked	Edward Findl	ay	Signed	E. Findl	ay	<sup>Date</sup> 12/1	1/19
Approved	Stephen Abe		Signed	S. Abe	•	<sup>Date</sup> 13/1	1/19
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- HIGHWAY BOUNDARY
- PROPOSED ROAD EDGE
- PROPOSED EARTHWORKS
- ELECTRIC HIGH VOLTAGE OVERHEAD CABLES
- BT TELECOM UNDERGROUND CABLES

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- TIE-IN WITH COMPOUND A2 LEVEL

KEY:

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 ROAD PROFILE

 SCALE = H - 1:500

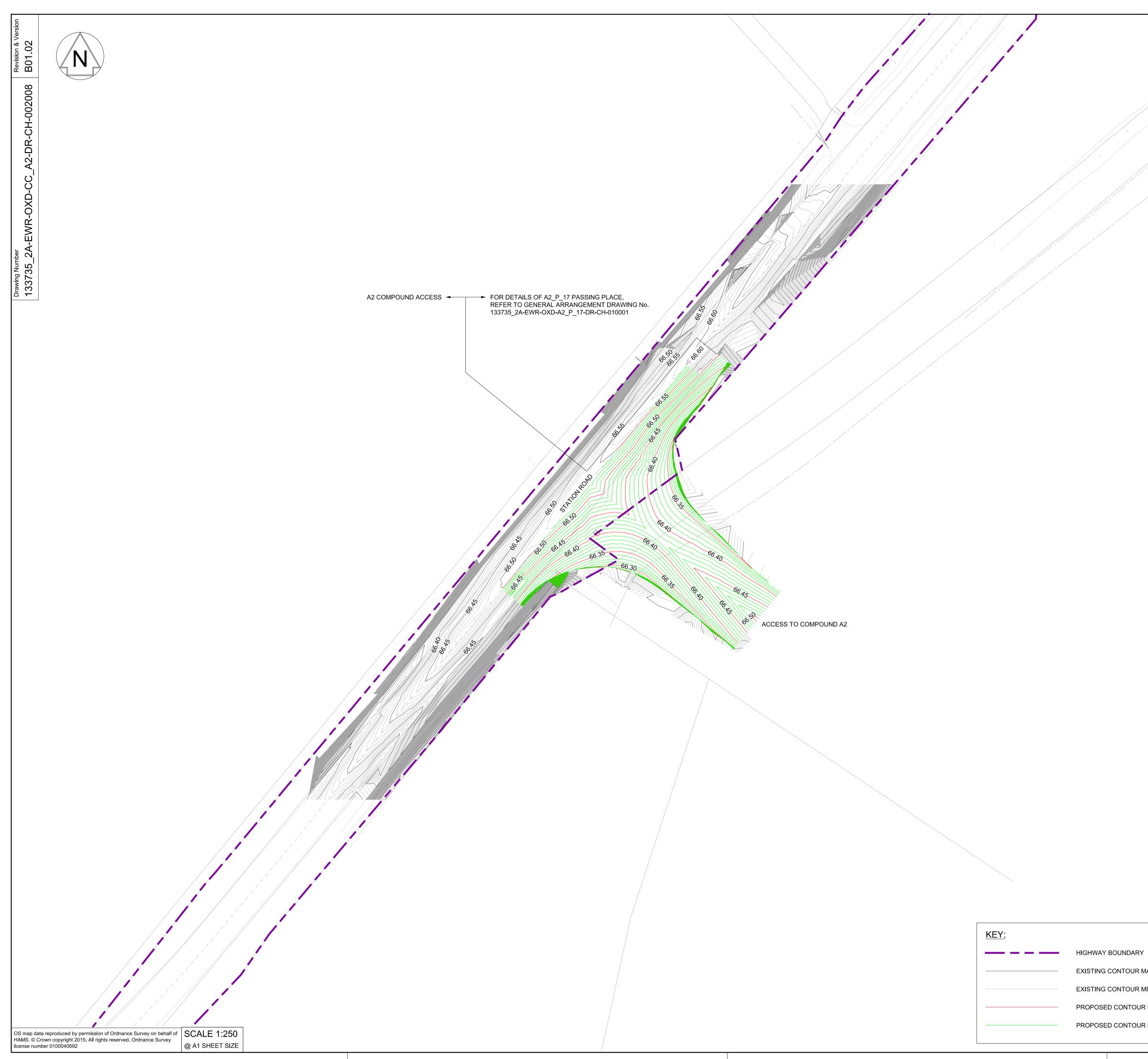
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	Drawn Ravikumar KN	Signed R. KN	<sup>Date</sup> 21/01/19 <sup>Date</sup> 12/11/19
	Approved     Edward Findlay       Approved     Stephen Abe	Signed S. Abe	<sup>Date</sup> 13/11/19
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NEW ROAD EDGE LEVEL

EXISTING SURFACE LEVEL

Drawing Number 133735\_2A-EWR-OXD-CC\_A2-DR-CH-002007





## NOTES:

- 1. THIS DRAWING IS NOT TO BE SCALED.
- 2. ALL DIMENSIONS ARE IN METRES (m) UNLESS SHOWN OTHERWISE.
- 3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE HIGHWAY DESIGN PACKAGE OF DRAWINGS AND DOCUMENTS.
- 4. ALL WORKS TO BE IN ACCORDANCE WITH THE MANUAL OF CONTRACT DOCUMENTS FOR HIGHWAYS WORKS VOL 1 (SPECIFICATION FOR HIGHWAY WORKS) AND STANDARD CONSTRUCTION DETAILS.
- 5. THE DELIVERY TEAM IS TO VERIFY DIMENSIONS ON SITE AND ADVISE OF ANY INFORMATION DISCREPANCIES. TIE-IN POINTS SHOULD BE VERIFIED ON SITE WITH THE ENGINEER PRIOR TO CONSTRUCTION.

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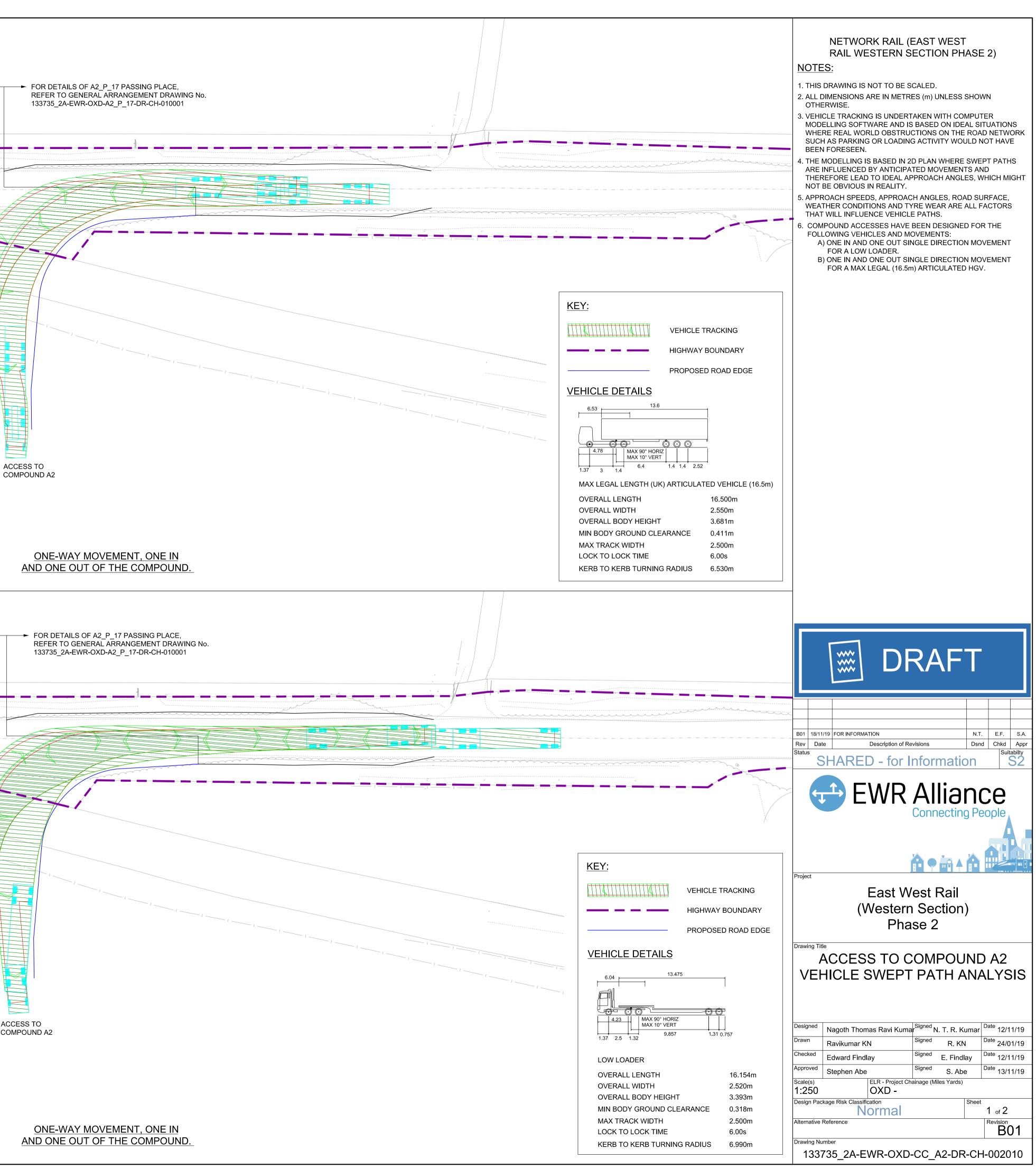
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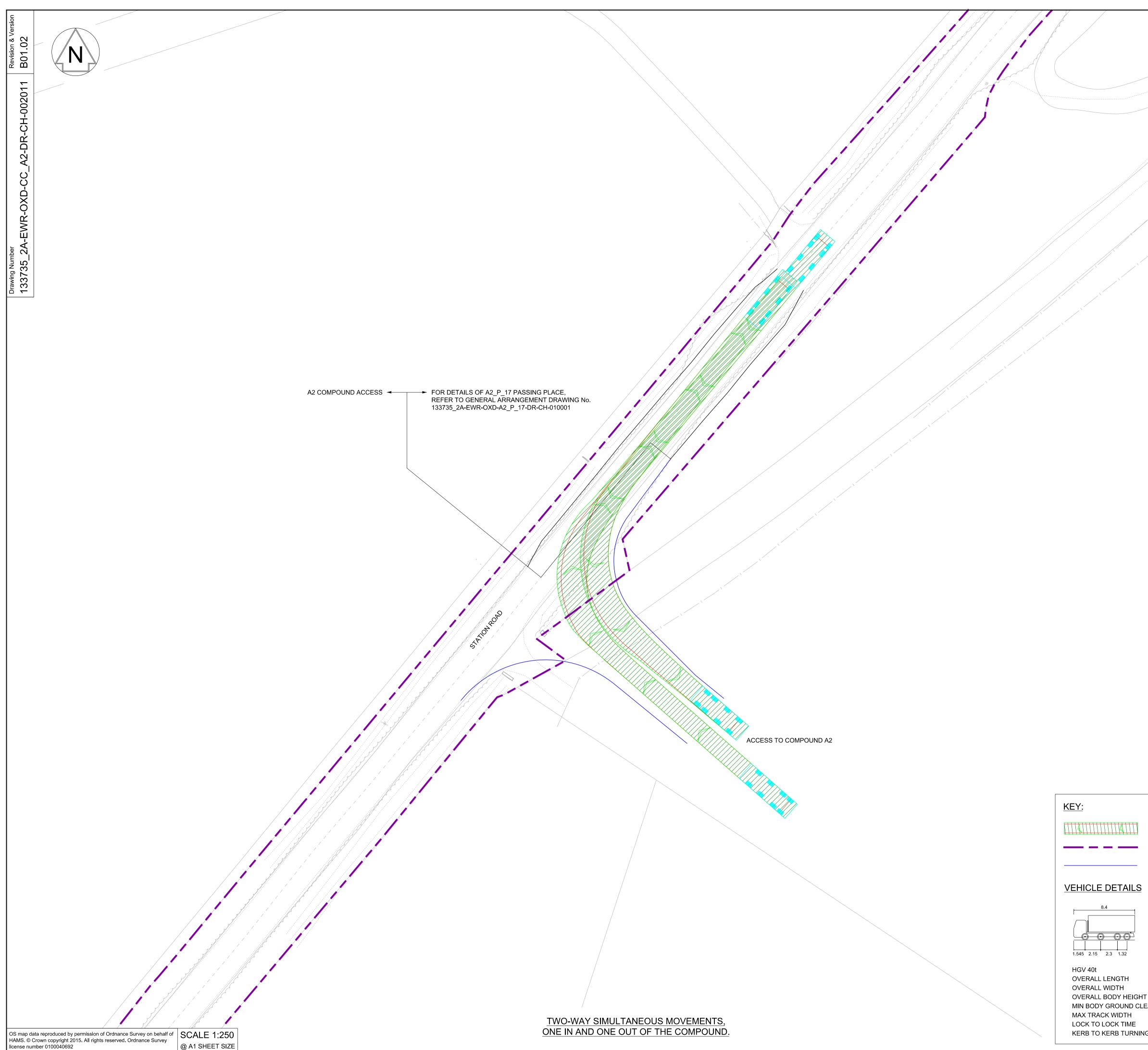
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## NETWORK RAIL (EAST WEST RAIL WESTERN SECTION PHASE 2)

NOTES:

- 1. THIS DRAWING IS NOT TO BE SCALED.
- 2. ALL DIMENSIONS ARE IN METRES (m) UNLESS SHOWN OTHERWISE.
- 3. VEHICLE TRACKING IS UNDERTAKEN WITH COMPUTER MODELLING SOFTWARE AND IS BASED ON IDEAL SITUATIONS WHERE REAL WORLD OBSTRUCTIONS ON THE ROAD NETWORK SUCH AS PARKING OR LOADING ACTIVITY WOULD NOT HAVE BEEN FORESEEN.
- 4. THE MODELLING IS BASED IN 2D PLAN WHERE SWEPT PATHS ARE INFLUENCED BY ANTICIPATED MOVEMENTS AND THEREFORE LEAD TO IDEAL APPROACH ANGLES, WHICH MIGHT NOT BE OBVIOUS IN REALITY.
- 5. APPROACH SPEEDS, APPROACH ANGLES, ROAD SURFACE, WEATHER CONDITIONS AND TYRE WEAR ARE ALL FACTORS THAT WILL INFLUENCE VEHICLE PATHS.
- 6. COMPOUND ACCESSES HAVE BEEN DESIGNED FOR THE FOLLOWING VEHICLES AND MOVEMENTS: A) SIMULTANEOUS TWO-WAY ONE IN AND ONE OUT MOVEMENT FOR A 40T HGV.

VEHICLE TRACKING HIGHWAY BOUNDARY PROPOSED ROAD EDGE

8.400m 2.600m 3.380m MIN BODY GROUND CLEARANCE 0.363m 2.600m 6.00s KERB TO KERB TURNING RADIUS 11.550m

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Designed		nas Ravi Kuma	r <sup>Signed</sup> N	I. T. R. Kum	nar <sup>I</sup>	<sup>Date</sup> 12/11/19
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Designed Drawn Checked	Nagoth Thom	nas Ravi Kuma N	r <sup>Signed</sup> N Signed Signed	I. T. R. Kum	nar <sup>[</sup>	<sup>Date</sup> 12/11/19 <sup>Date</sup> 24/01/19 <sup>Date</sup> 12/11/19
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Description of Revisions

SHARED - for Information

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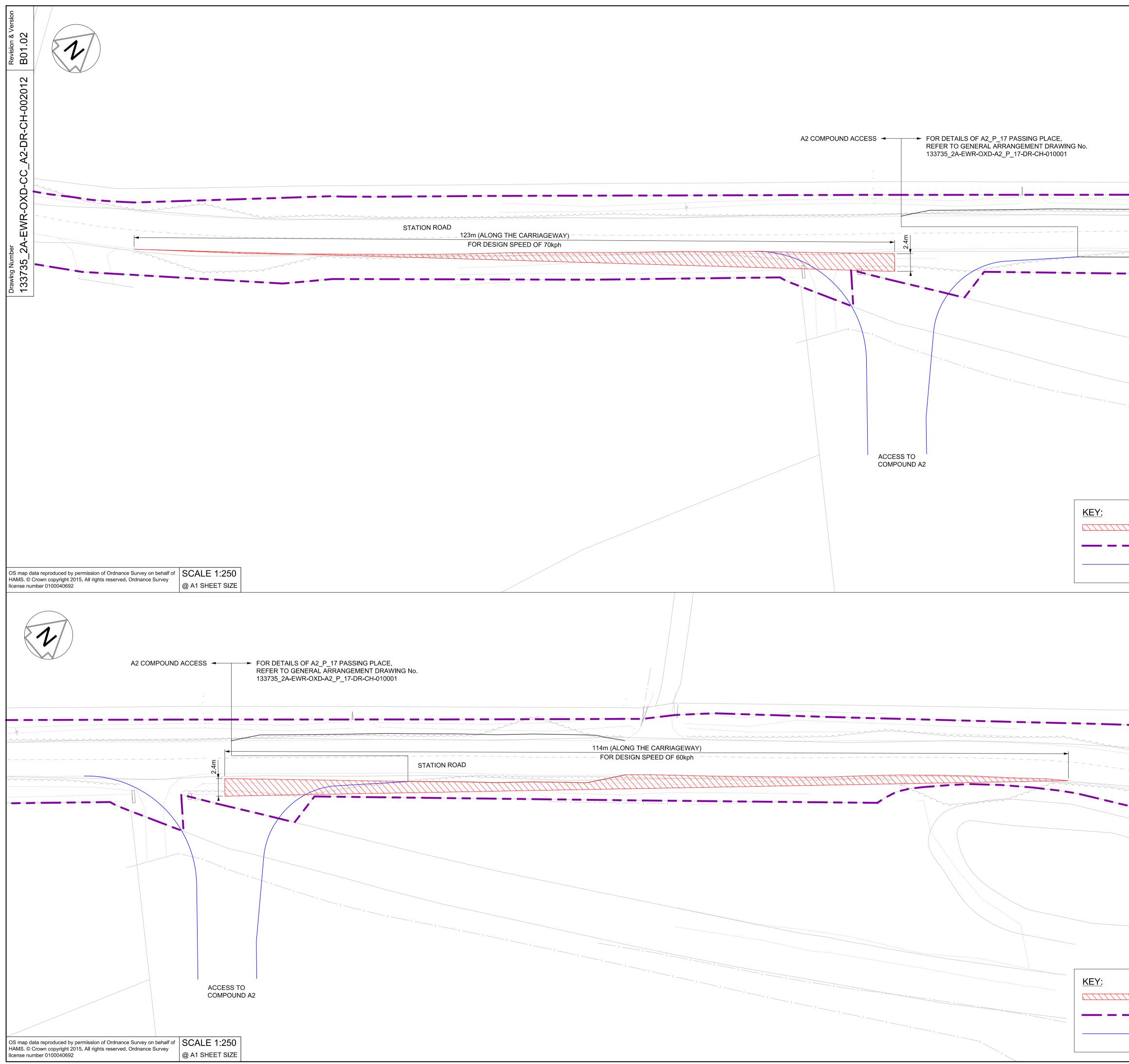
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