

DRAFT

Rev	Date	Description of Revisions	Desd	Chkd	Appr	Suitability
B01	23/09/19	FOR INFORMATION		N.T.	L.T.	S.A.

SHARED - for Information S2



Project
**East West Rail
(Western Section)
Phase 2**

Drawing Title
**PASSING PLACE A2_P_1
GENERAL ARRANGEMENT**

Designed	Nagoth Thomas Ravi Kumar	Signed	N. T. R. Kumar	Date	06/09/19
Drawn	Ravikumar KN	Signed	R. KN	Date	22/01/19
Checked	Lisa Taylor	Signed	L. Taylor	Date	12/09/19
Approved	Stephen Abe	Signed	S. Abe	Date	12/09/19

Scale(s)
1:250
ELR - Project Chainage (Miles Yards)
OXD -
Design Package Risk Classification
Normal
Sheet
1 of 1
Alternative Reference
Revision
B01

Drawing Number
133735_2A-EWR-OXD-A2_P_1-DR-CH-010001

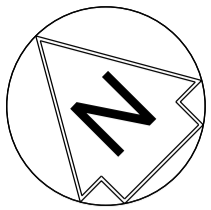
KEY:

	HIGHWAY BOUNDARY
	EXISTING ROAD EDGE
	PROPOSED ROAD EDGE
	NEW PAVEMENT
	GRASS VERGE
	PROPOSED EARTHWORKS
	PROPOSED TRAFFIC SIGN
	RELOCATED TRAFFIC SIGN

SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION
THE WORKS ARE TO BE UNDERTAKEN BY A COMPETENT DELIVERY TEAM, AND THEREFORE ONLY EXCEPTIONAL RISKS RELATING TO THE WORKS ASSOCIATED WITH THIS DRAWING ARE IDENTIFIED BELOW. FOR FURTHER DETAILS AND PROPOSED SAFETY MEASURES REFER 'EWR PHASE 2 HAZARD LOG WORKING COPY' EB DOC. REF: 133735-NWR-RSA-SSD-000001.

ID	HAZARD DESCRIPTION
EWR2-HAZ-01926	PRESENCE OF BURIED SERVICES/ UTILITIES

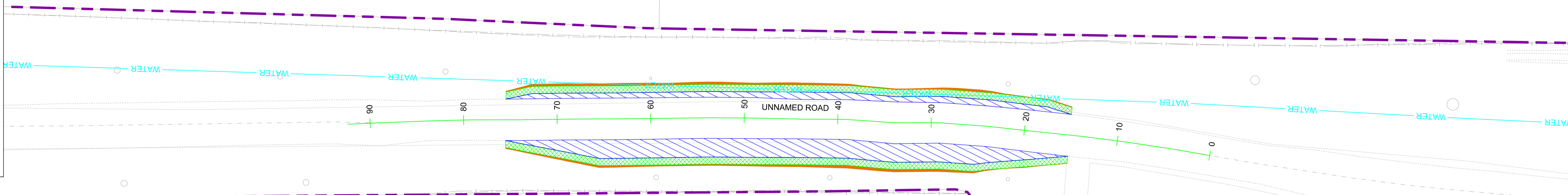
INDICATES PROJECT RISKS (EWR2-DRIS-)
 INDICATES H&S RISKS (EWR2-HAZ-)



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.
4. THE EXACT LOCATION AND EXTENT OF BURIED SERVICES SHALL BE VERIFIED ON SITE PRIOR TO COMMENCEMENT OF THE WORKS. AGREEMENT WITH PRIVATE LAND OWNERS 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.
8. 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.
9. 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.
10. SITE CLEARANCE, WHERE THERE IS PROXIMITY TO HABITAT OF PROTECTED SPECIES, SHALL BE CARRIED OUT UNDER THE SUPERVISION OF A SUITABLY QUALIFIED ECOLOGIST.
11. 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.
12. 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.
13. FOR CLARITY ONLY THE TRUNKS OF EXISTING TREES ARE SHOWN. FOR CANOPY EXTENTS THE TREE SURVEY MODEL AND MASTER SCHEDULE ARE TO BE REFERRED TO.



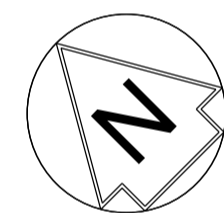
EXISTING UTILITIES

KEY:

	HIGHWAY BOUNDARY
	PROPOSED ROAD EDGE
	NEW PAVEMENT
	GRASS VERGE
	PROPOSED EARTHWORKS
	THAMES WATER SUPPLY

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SCALE 1:250
@ A1 SHEET SIZE



B01	23/09/19	FOR INFORMATION	N.T.	L.T.	S.A.
Rev	Date	Description of Revisions	Dend	Chkd	Appr
Status		SHARED - for Information			S2



Project
East West Rail (Western Section) Phase 2

Drawing Title
PASSING PLACE A2_P_1 EXISTING UTILITIES AND SITE CLEARANCE

Designed	Nagoth Thomas Ravi Kumar	Signed	N. T. R. Kumar	Date	06/09/19
Drawn	Ravikumar KN	Signed	R. KN	Date	22/01/19
Checked	Lisa Taylor	Signed	L. Taylor	Date	12/09/19
Approved	Stephen Abe	Signed	S. Abe	Date	12/09/19

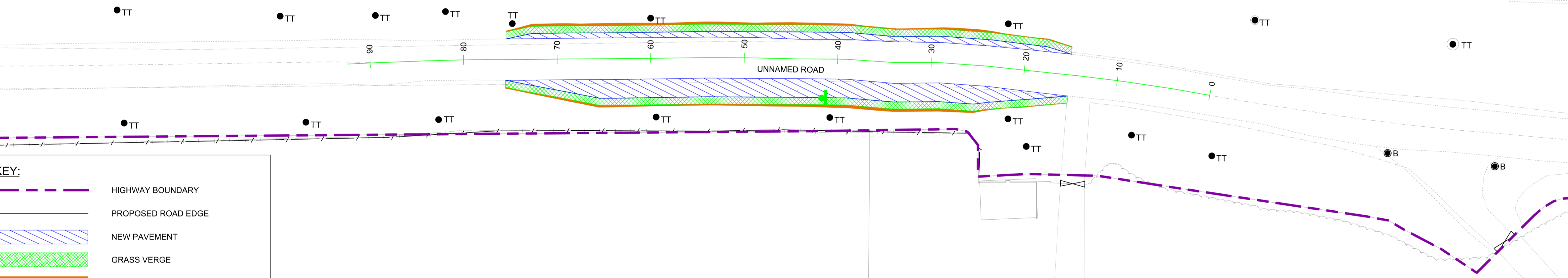
Scale(s)
1:250
ELR - Project Chainage (Miles Yards)
OXD -

Design Package Risk Classification
Normal

Sheet
1 of 1

Alternative Reference
Revision
B01

Drawing Number
133735_2A-EWR-OXD-A2_P_1-DR-CH-010002



SITE CLEARANCE

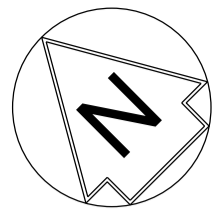
KEY:

	HIGHWAY BOUNDARY
	PROPOSED ROAD EDGE
	NEW PAVEMENT
	GRASS VERGE
	PROPOSED EARTHWORKS

RETAINED	REMOVE / RELOCATE	DESCRIPTION
	NONE	TREE TRUNK
NONE		TRAFFIC SIGN
	NONE	FENCE
	NONE	BOLLARD
	NONE	GATE

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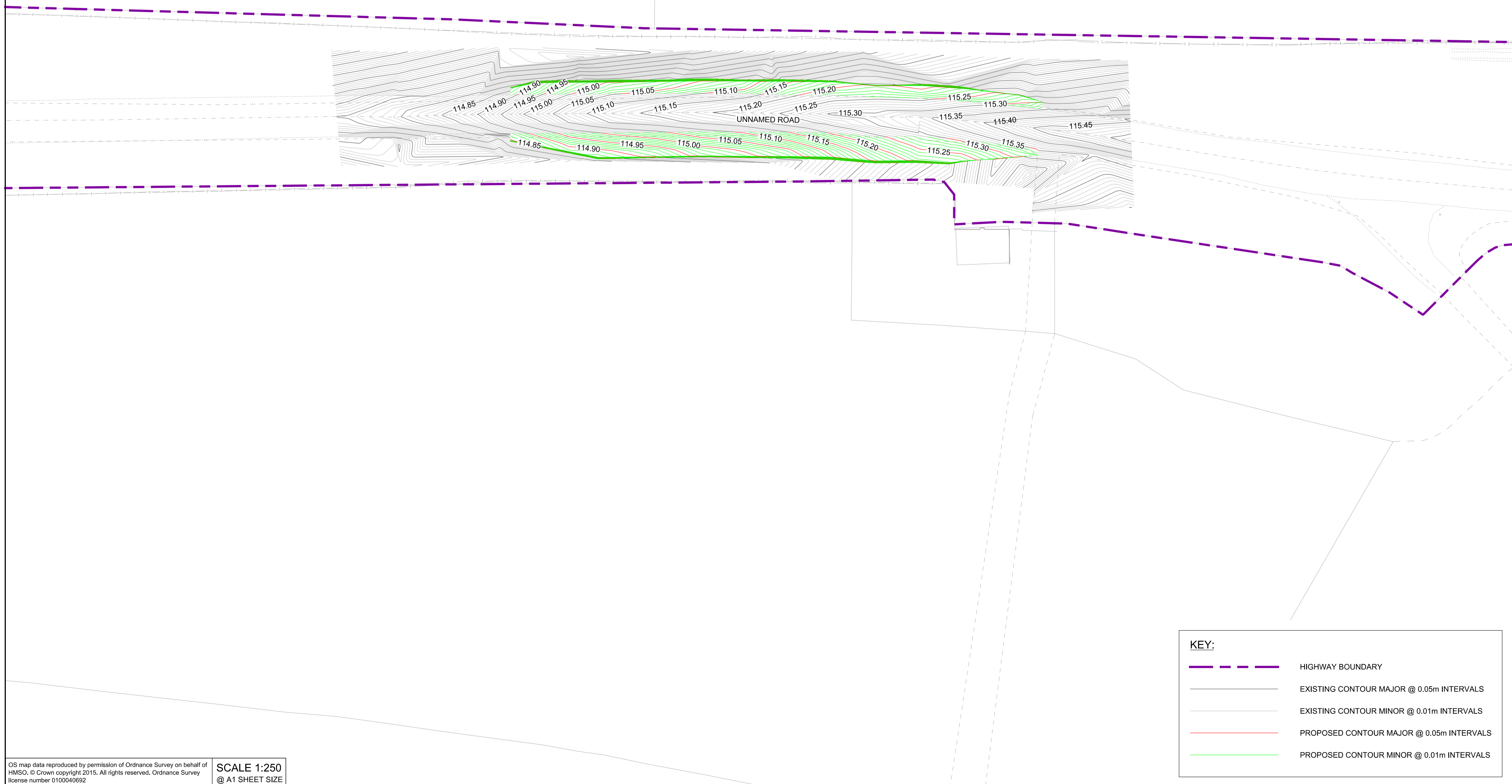
SCALE 1:250
@ A1 SHEET SIZE



NETWORK RAIL (EAST WEST
 RAIL WESTERN SECTION PHASE 2)

NOTES:

1. THIS DRAWING IS NOT TO BE SCALED.
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3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE HIGHWAY DESIGN PACKAGE OF DRAWINGS AND DOCUMENTS.



 **DRAFT**

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B01	23/09/19	FOR INFORMATION		N.T.	L.T.	S.A.
Status						S2








Project
**East West Rail
 (Western Section)
 Phase 2**

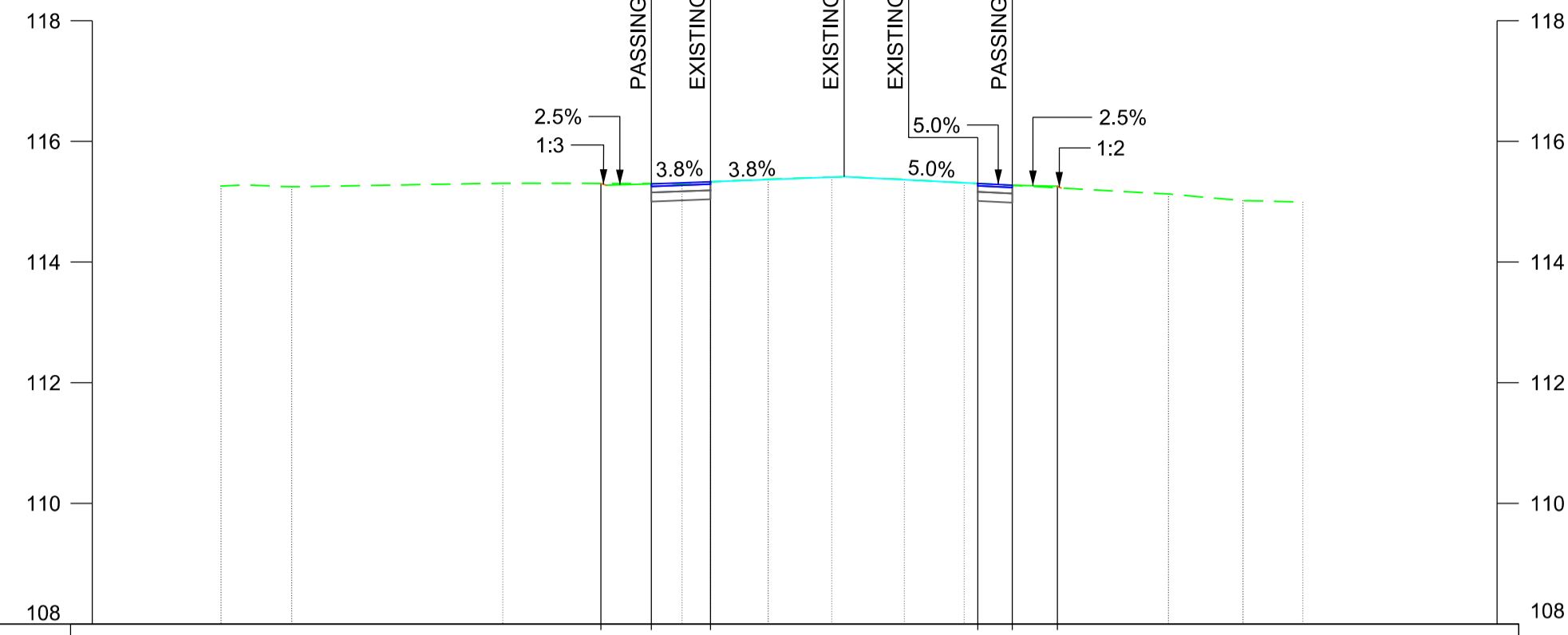
Drawing Title
**PASSING PLACE A2_P_1
 EXISTING AND PROPOSED
 CONTOURS**

Designed	Nagoth Thomas Ravi Kumar	Signed	N. T. R. Kumar	Date	06/09/19
Drawn	Ravikumar KN	Signed	R. KN	Date	22/01/19
Checked	Lisa Taylor	Signed	L. Taylor	Date	12/09/19
Approved	Stephen Abe	Signed	S. Abe	Date	12/09/19

Scale(s)
1:250
 ELR - Project Chainage (Miles/Yards)
OXD -
 Design Package Risk Classification
Normal
 Sheet **1 of 1**
 Alternative Reference
 Revision **B01**

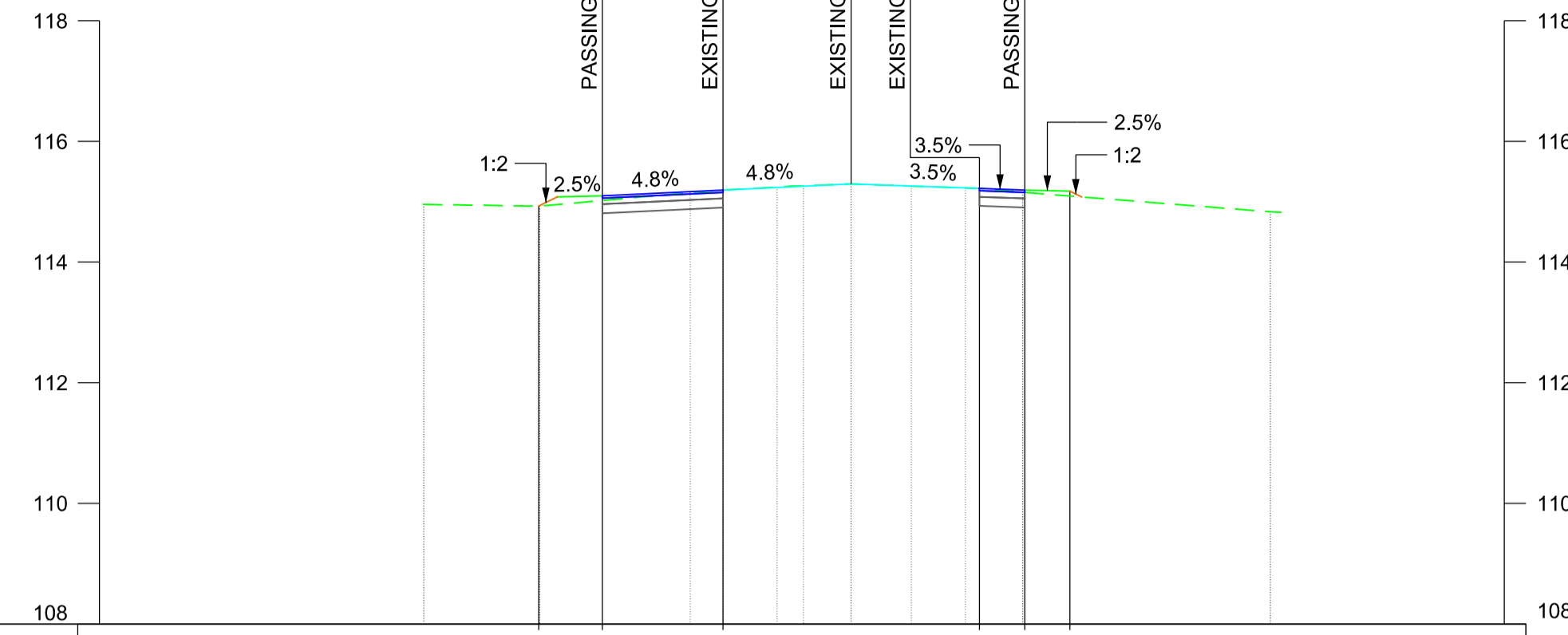
KEY:

	HIGHWAY BOUNDARY
	EXISTING CONTOUR MAJOR @ 0.05m INTERVALS
	EXISTING CONTOUR MINOR @ 0.01m INTERVALS
	PROPOSED CONTOUR MAJOR @ 0.05m INTERVALS
	PROPOSED CONTOUR MINOR @ 0.01m INTERVALS



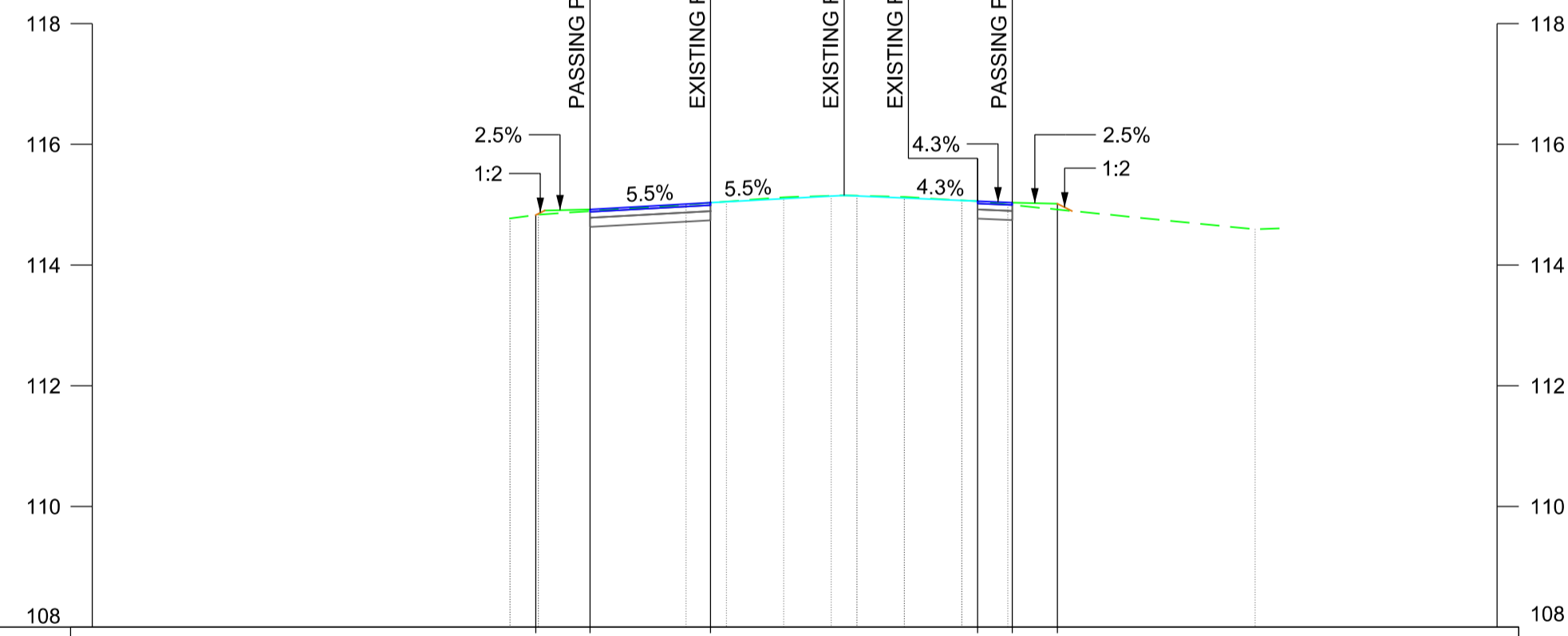
DESIGN LEVELS		115.303	115.293	115.300	115.372	115.408	115.369	115.313	115.275	115.256		
EXISTING LEVELS	115.258	115.247	115.307	115.300	115.330	115.372	115.408	115.369	115.313	115.275	115.256	114.996
DESIGN OFFSET			-4.030	-3.194	-2.213				2.217	2.788	3.538	

CHAINAGE - 20.0000



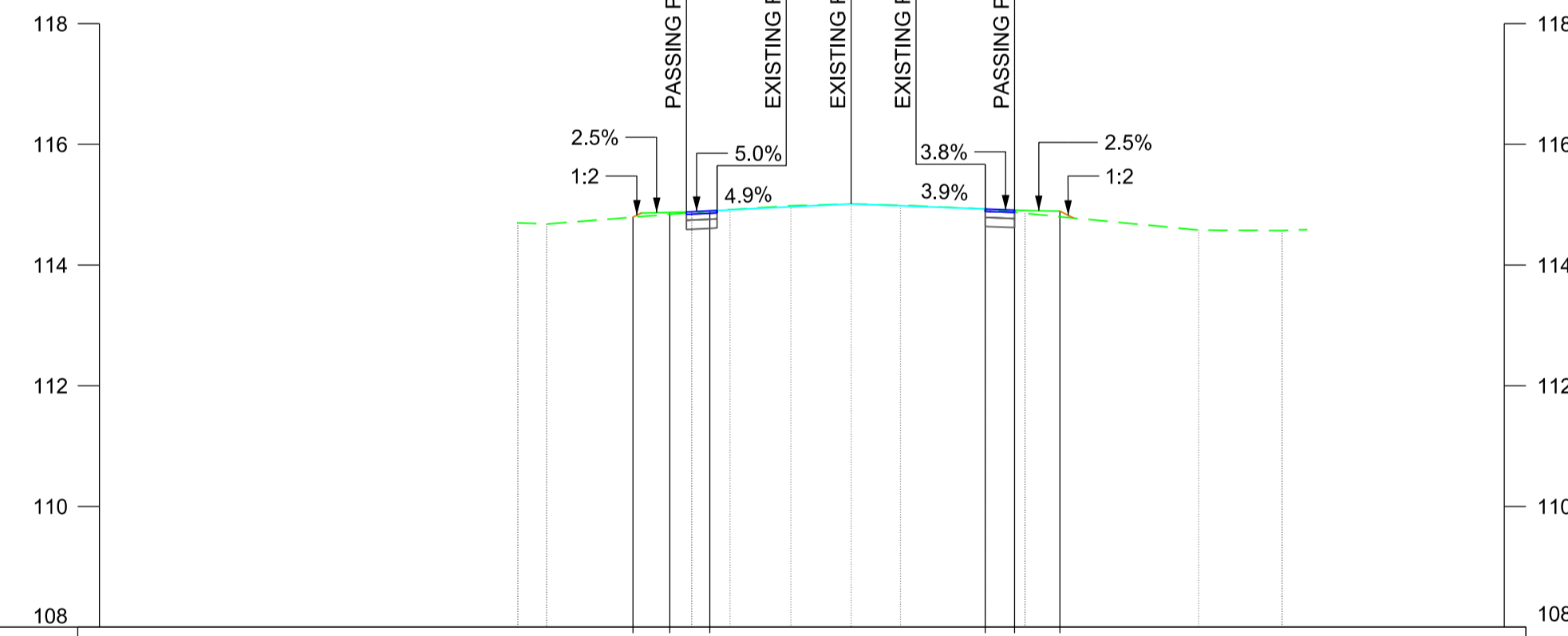
DESIGN LEVELS		114.927	115.088	115.193	115.220	115.194	115.175				
EXISTING LEVELS	114.955	114.927	115.151	115.193	115.242	115.265	115.295	115.258	115.228	115.156	114.832
DESIGN OFFSET		-5.178	-4.123	-2.123					2.128	2.877	3.627

CHAINAGE - 40.0000



DESIGN LEVELS		114.831	114.923	115.033	115.060	115.035	115.016				
EXISTING LEVELS	114.772	114.836	114.999	115.053	115.124	115.149	115.149	115.129	115.072	115.002	114.583
DESIGN OFFSET	-5.109	-4.212	-2.212						2.212	2.788	3.538

CHAINAGE - 60.0000



DESIGN LEVELS		114.793	114.873	114.899	114.929	114.910	114.892				
EXISTING LEVELS	114.699	114.690	114.871	114.919	114.982	115.015	114.989	114.929	114.856	114.580	114.572
DESIGN OFFSET		-3.616	-3.005	-2.344					2.221	2.710	3.460

CHAINAGE - 73.0000

KEY:

- EXISTING GROUND
- EXISTING CARRIAGEWAY
- PROPOSED CARRIAGEWAY
- PROPOSED ROAD PAVEMENT
- PROPOSED GRASS VERGE
- PROPOSED EARTHWORKS

NETWORK RAIL (EAST WEST RAIL WESTERN SECTION PHASE 2)

- NOTES:**
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 - ALL DIMENSIONS ARE IN METRES (m) UNLESS SHOWN OTHERWISE.
 - THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE HIGHWAY DESIGN PACKAGE OF DRAWINGS AND DOCUMENTS.
 - CHAINAGES SHOWN ON THIS DRAWING ARE ALONG THE ROAD CENTRELINE AS SEEN ON GENERAL ARRANGEMENT DRAWING.



B01	23/09/19	FOR INFORMATION		N.T.	L.T.	S.A.
Rev	Date	Description of Revisions	Dsnd	Chkd	Appr	
Status	SHARED - for Information					S2



Project
East West Rail (Western Section) Phase 2

Drawing Title
PASSING PLACE A2_P_1 CROSS-SECTIONS

Designed	Nagoth Thomas Ravi Kumar	Signed	N. T. R. Kumar	Date	06/09/19
Drawn	Ravikumar KN	Signed	R. KN	Date	22/01/19
Checked	Lisa Taylor	Signed	L. Taylor	Date	12/09/19
Approved	Stephen Abe	Signed	S. Abe	Date	12/09/19

Scale(s)	ELR - Project Chainage (Miles Yards)	Sheet	1 of 1
AS SHOWN	OXD -	Design Package Risk Classification	Normal
Alternative Reference		Revision	B01

Drawing Number
133735_2A-EWR-OXD-A2_P_1-DR-CH-030001