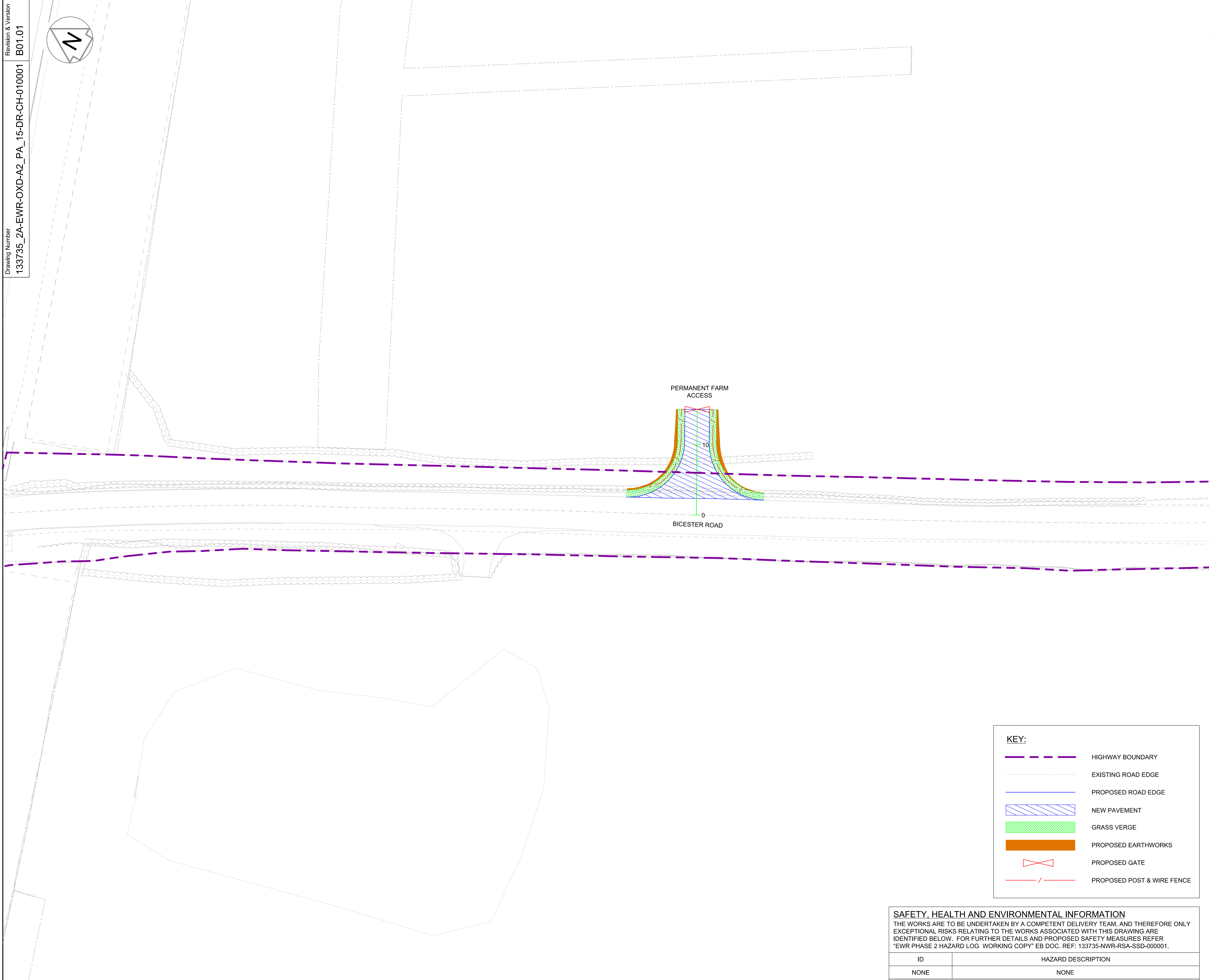
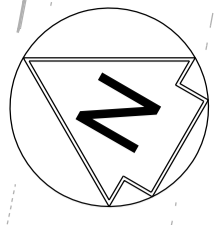


Revision & Version  
B01.01  
Drawing Number  
133735\_2A-EWR-OXD-A2\_PA\_15-DR-CH-010001



- 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. WHEREVER REQUIRED, ROAD MARKINGS ARE TO BE LAID IN ACCORDANCE WITH 'THE TRAFFIC SIGN REGULATIONS AND GENERAL DIRECTIONS 2016' & 'TRAFFIC SIGNS MANUAL CHAPTER 5 (2003)'.
  5. WHERE A FENCE IS PROPOSED IT SHALL TIE-IN THE EXISTING HEDGEROW OR BOUNDARY TREATMENT TO PROVIDE A SECURE BOUNDARY.

 **DRAFT**

Rev	Date	Description of Revisions	Desd	Chkd	Appr	Suitability
B01	13/01/20	FOR INFORMATION	N.T.	G.J.	S.A.	
Status						S2



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




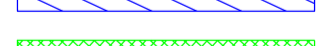



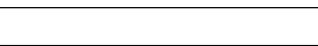
Drawing Title  
**OTHER ACCESS A2\_PA\_15  
GENERAL ARRANGEMENT**

Designed	Nagoth Thomas Ravi Kumar	Signed	N. T. R. Kumar	Date	10/01/20
Drawn	Ravikumar KN	Signed	R. KN	Date	17/12/19
Checked	Gareth Johnston	Signed	G. Johnston	Date	10/01/20
Approved	Stephen Abe	Signed	S. Abe	Date	10/01/20

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



Drawing Number  
133735\_2A-EWR-OXD-A2\_PA\_15-DR-CH-010001

**KEY:**

	HIGHWAY BOUNDARY
	EXISTING ROAD EDGE
	PROPOSED ROAD EDGE
	NEW PAVEMENT
	GRASS VERGE
	PROPOSED EARTHWORKS
	PROPOSED GATE
	PROPOSED POST & WIRE FENCE

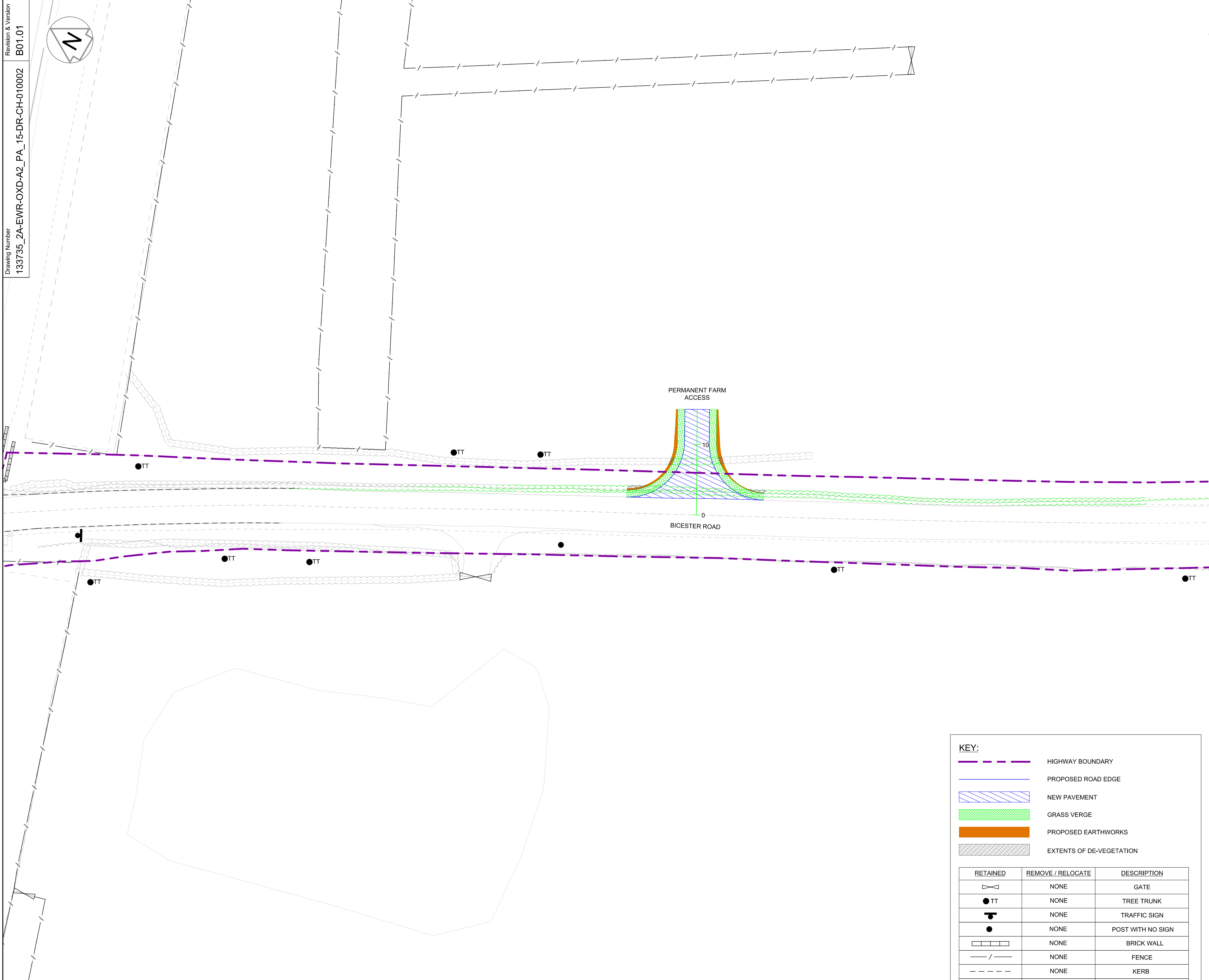
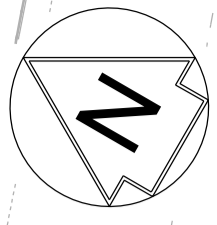
**SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION**  
THE WORKS ARE TO BE UNDERTAKEN BY A COMPETENT DELIVERY TEAM, AND THEREFORE ONLY EXCEPTIONAL RISKS RELATING TO THE WORKS ASSOCIATED WITH THIS DRAWING ARE IDENTIFIED BELOW. FOR FURTHER DETAILS AND PROPOSED SAFETY MEASURES REFER 'EWR PHASE 2 HAZARD LOG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

ID	HAZARD DESCRIPTION
NONE	NONE

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

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SCALE 1:250  
@ A1 SHEET SIZE

Revision & Version  
 Drawing Number  
 133735\_2A-EWR-OXD-A2\_PA\_15-DR-CH-010002  
 B01.01

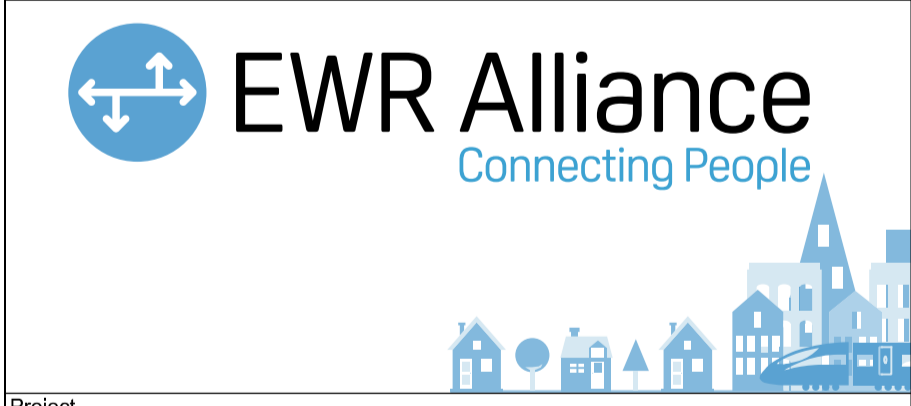


NETWORK RAIL (EAST WEST RAIL WESTERN SECTION PHASE 2)

- 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. 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 ARBORICULTURALIST 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.
  8. 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 REFERRED TO.



Rev	Date	Description of Revisions	Dsnd	Chkd	Appr	Suitability
B01	13/01/20	FOR INFORMATION				S2



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

Drawing Title  
**OTHER ACCESS A2\_PA\_15 SITE CLEARANCE**

Designed	Nagoth Thomas Ravi Kumar	Signed	N. T. R. Kumar	Date	10/01/20
Drawn	Ravikumar KN	Signed	R. KN	Date	17/12/19
Checked	Garth Johnston	Signed	G. Johnston	Date	10/01/20
Approved	Stephen Abe	Signed	S. Abe	Date	10/01/20

Scale(s)  
 1:250  
 Design Package Risk Classification  
**Normal**  
 Alternative Reference  
 Drawing Number  
 133735\_2A-EWR-OXD-A2\_PA\_15-DR-CH-010002

Sheet 1 of 1  
 Revision B01  
 Sheet Size A1 594 x 841

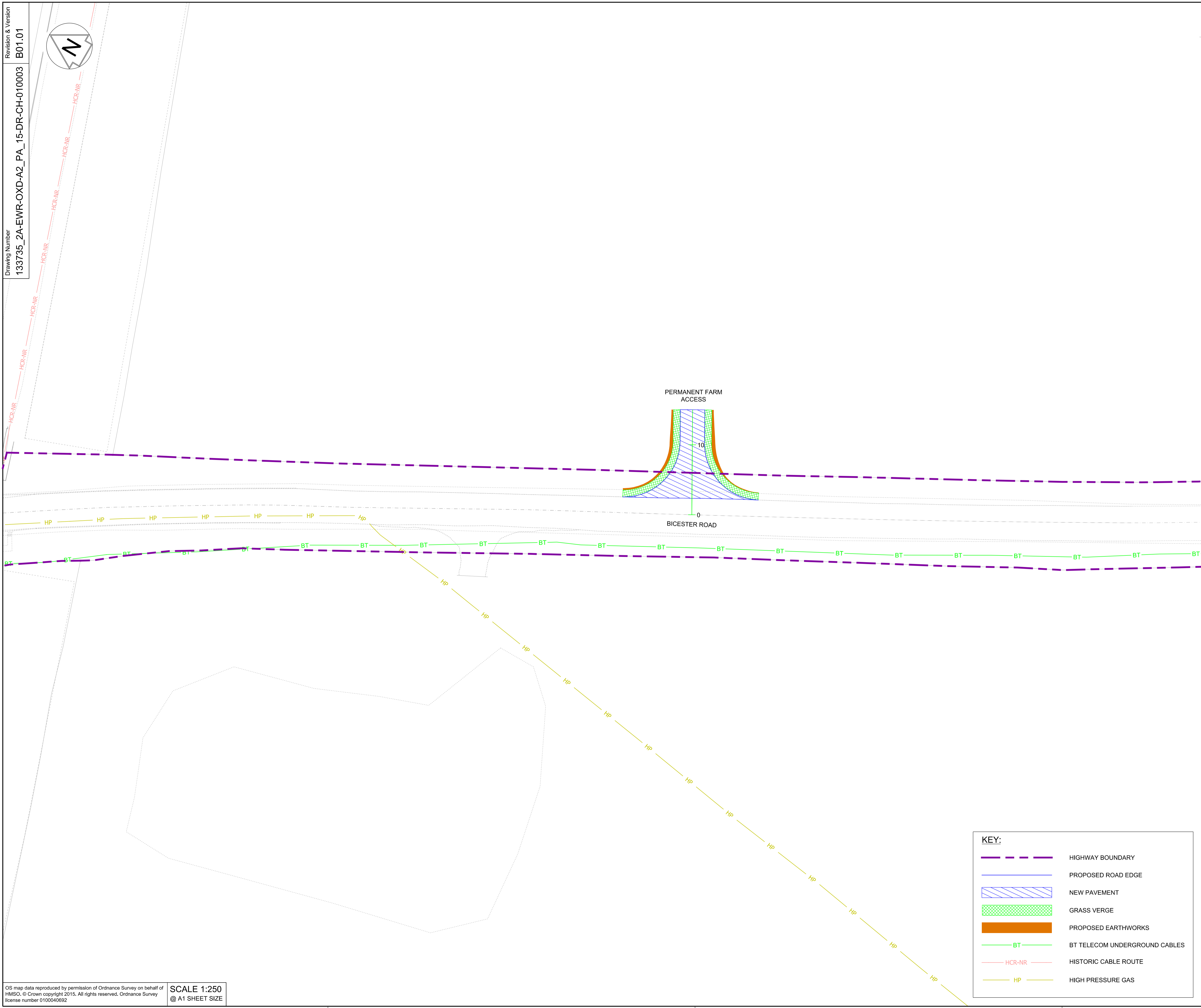
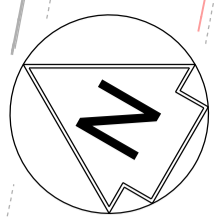
**KEY:**

	HIGHWAY BOUNDARY
	PROPOSED ROAD EDGE
	NEW PAVEMENT
	GRASS VERGE
	PROPOSED EARTHWORKS
	EXTENTS OF DE-VEGETATION

RETAINED	REMOVE / RELOCATE	DESCRIPTION
	NONE	GATE
	NONE	TREE TRUNK
	NONE	TRAFFIC SIGN
	NONE	POST WITH NO SIGN
	NONE	BRICK WALL
	NONE	FENCE
	NONE	KERB
NONE		VEGETATION





- 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 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.



Rev	Date	Description of Revisions	Dsmd	Chkd	Appr	Suitability
B01	13/01/20	FOR INFORMATION	N.T.	G.J.	S.A.	
Status						S2



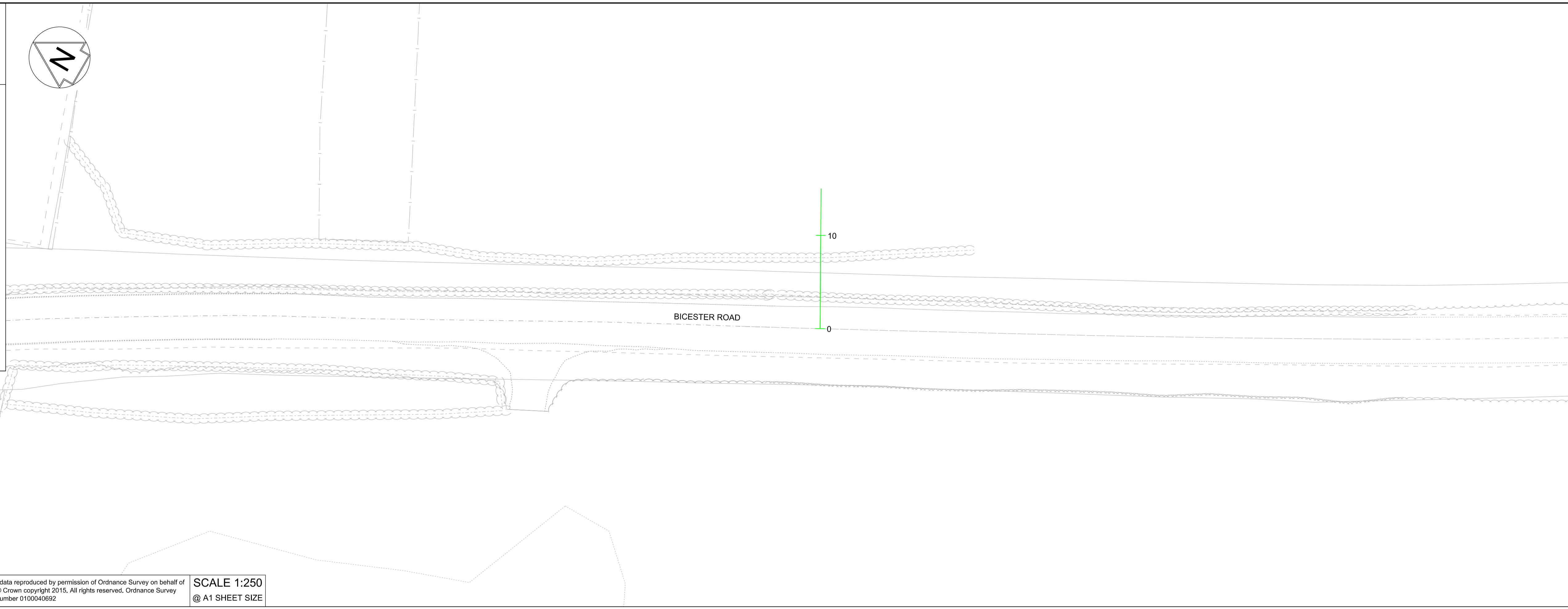
Project  
**East West Rail (Western Section) Phase 2**

Drawing Title  
**OTHER ACCESS A2\_PA\_15 EXISTING UTILITIES**

Designed	Nagoth Thomas Ravi Kumar	Signed	N. T. R. Kumar	Date	10/01/20	
Drawn	Ravikumar KN	Signed	R. KN	Date	17/12/19	
Checked	Garth Johnston	Signed	G. Johnston	Date	10/01/20	
Approved	Stephen Abe	Signed	S. Abe	Date	10/01/20	
Scale(s)	1:250					
Design Package Risk Classification	Normal				Sheet	1 of 1
Alternative Reference					Revision	B01
Drawing Number	133735_2A-EWR-OXD-A2_PA_15-DR-CH-010003					

Revision & Version  
B01.01

Drawing Number  
133735\_2A-EWR-OXD-A2\_PA\_15-DR-CH-010004



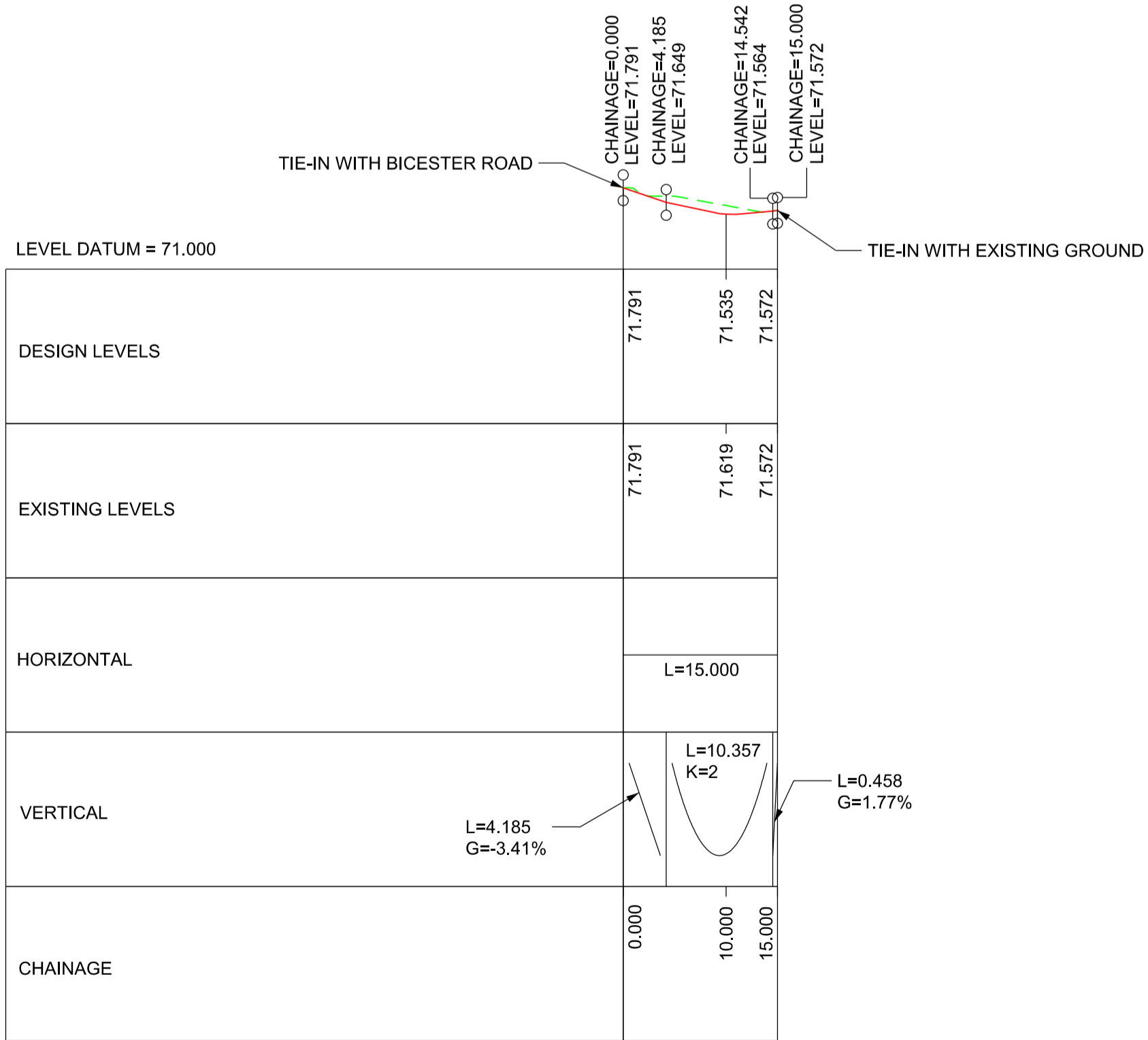
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SCALE 1:250  
@ A1 SHEET SIZE

NETWORK RAIL (EAST WEST RAIL WESTERN SECTION PHASE 2)

NOTES:

- THIS DRAWING IS NOT TO BE SCALED.
- ALL DIMENSIONS AND LEVELS ARE IN METRES (m) UNLESS SHOWN OTHERWISE.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE HIGHWAY DESIGN PACKAGE OF DRAWINGS AND DOCUMENTS.



ROAD PROFILE  
SCALE = H - 1:500  
V - 1:50

**DRAFT**

Rev	Date	Description of Revisions	Desd	Chkd	Appr	Suitability
B01	13/01/20	FOR INFORMATION		N.T.	G.J.	S.A.
Status						S2



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

Drawing Title  
**OTHER ACCESS A2\_PA\_15 ROAD PLAN AND PROFILE**

Designed	Nagoth Thomas Ravi Kumar	Signed	N. T. R. Kumar	Date	10/01/20
Drawn	Ravikumar KN	Signed	R. KN	Date	17/12/19
Checked	Gareth Johnston	Signed	G. Johnston	Date	10/01/20
Approved	Stephen Abe	Signed	S. Abe	Date	10/01/20

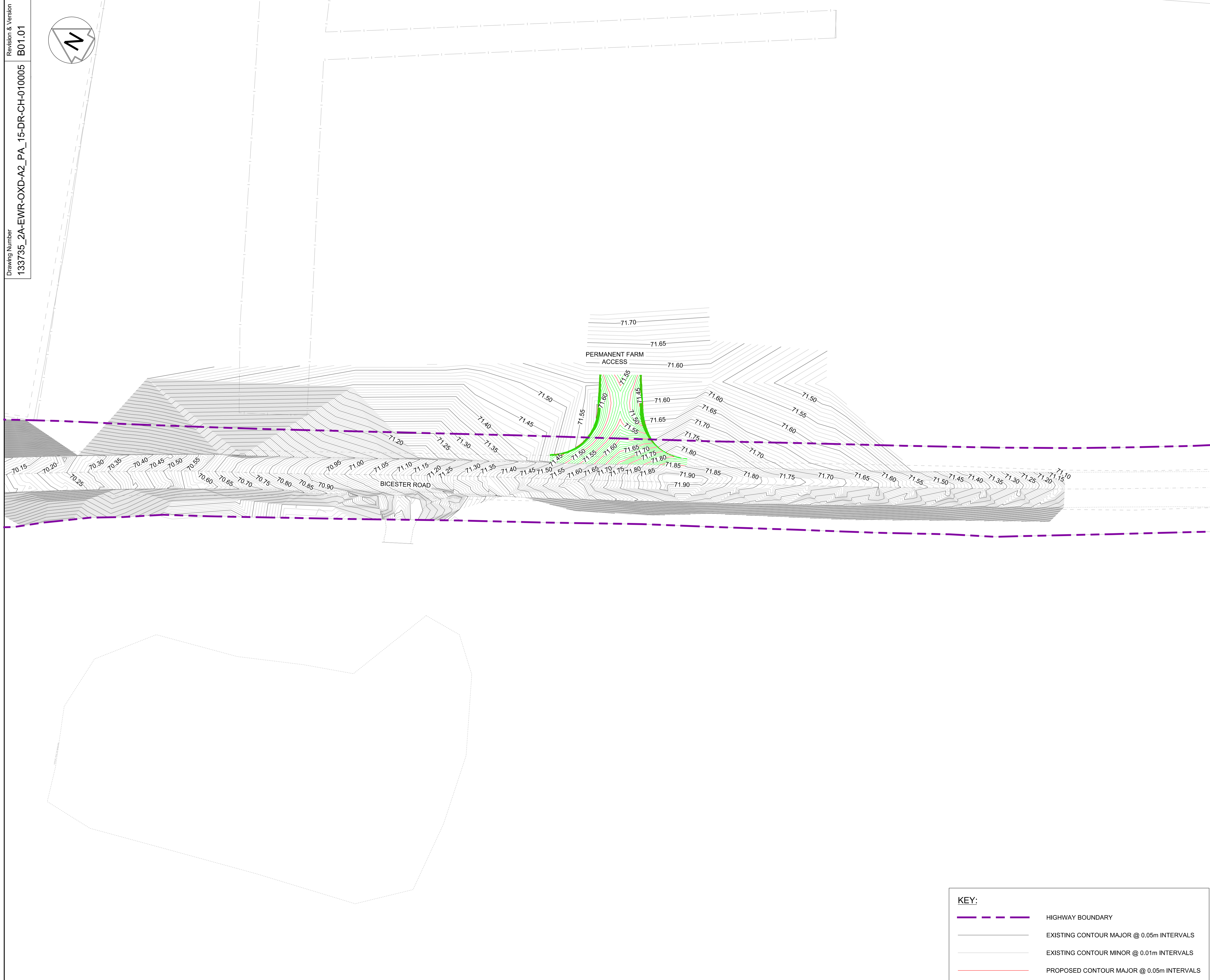
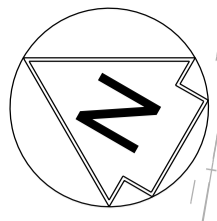
Scale(s)	ELR - Project Chainage (Miles Yards)	Sheet	1 of 1
AS SHOWN	OXD -	Design Package Risk Classification	Normal
Alternative Reference		Revision	B01

Drawing Number  
133735\_2A-EWR-OXD-A2\_PA\_15-DR-CH-010004

KEY:  
 NEW ROAD EDGE LEVEL  
 EXISTING SURFACE LEVEL

SCALE : AS SHOWN  
@ A1 SHEET SIZE



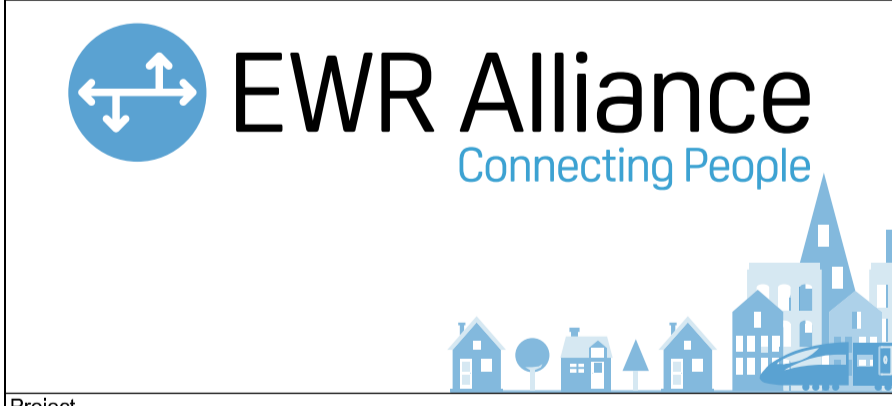


NETWORK RAIL (EAST WEST  
 RAIL WESTERN SECTION PHASE 2)

- 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. 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 DIMENSION ON SITE AND ADVISE OF ANY INFORMATION DISCREPANCIES. TIE-IN POINTS SHOULD BE VERIFIED ON SITE WITH THE ENGINEER PRIOR TO CONSTRUCTION.

 **DRAFT**

Rev	Date	Description of Revisions	Desd	Chkd	Appr	Suitability
B01	13/01/20	FOR INFORMATION				
			N.T.	G.J.	S.A.	
Status	SHARED - for Information					S2








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

Drawing Title  
**OTHER ACCESS A2\_PA\_15  
 EXISTING AND PROPOSED  
 CONTOURS**

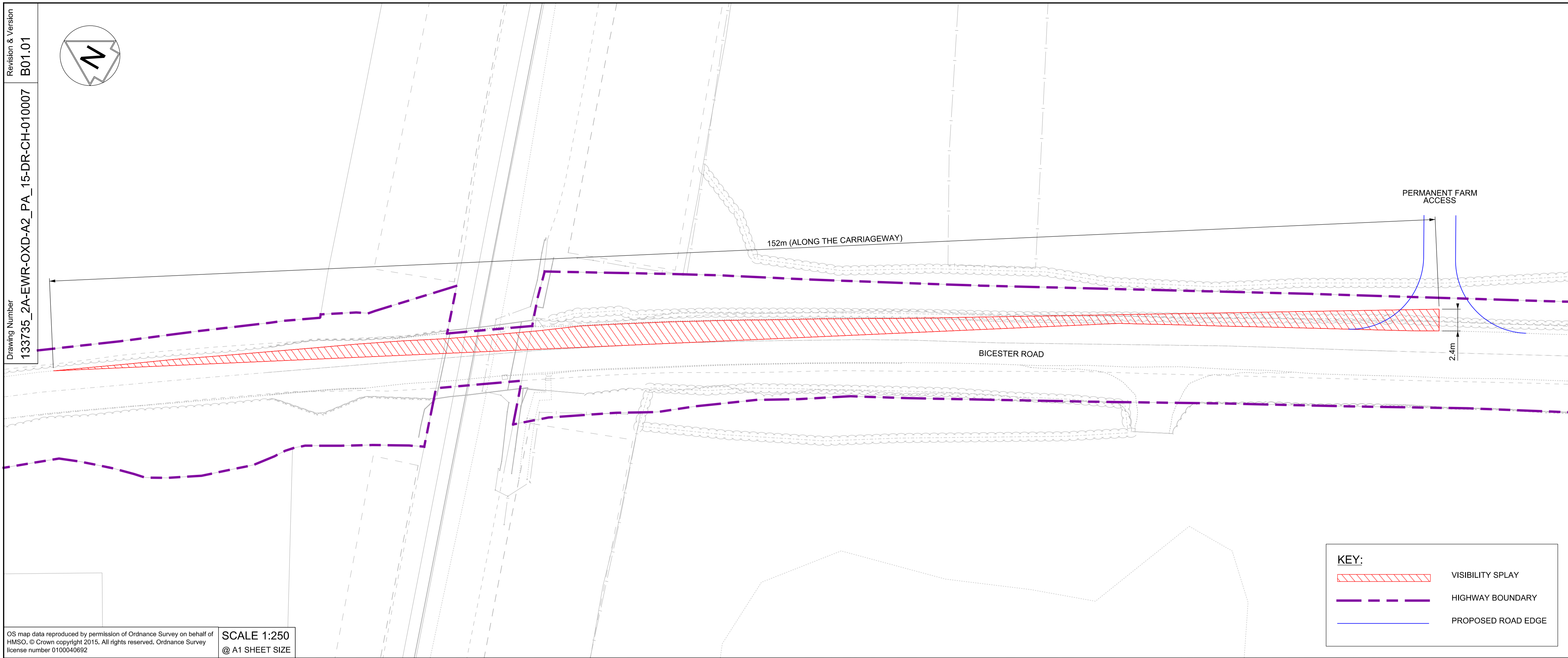
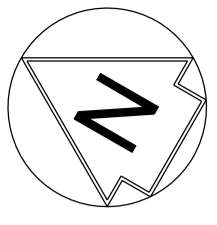
Designed	Nagoth Thomas Ravi Kumar	Signed	N. T. R. Kumar	Date	10/01/20	
Drawn	Ravikumar KN	Signed	R. KN	Date	17/12/19	
Checked	Garth Johnston	Signed	G. Johnston	Date	10/01/20	
Approved	Stephen Abe	Signed	S. Abe	Date	10/01/20	
Scale(s)	1:250 ELR - Project Chainage (Miles Yards)					
Design Package Risk Classification	Normal				Sheet	1 of 1
Alternative Reference					Revision	B01
Drawing Number	133735_2A-EWR-OXD-A2_PA_15-DR-CH-010005					

**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



Revision & Version  
B01.01  
Drawing Number  
133735\_2A-EWR-OXD-A2\_PA\_15-DR-CH-010007



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SCALE 1:250  
@ A1 SHEET SIZE

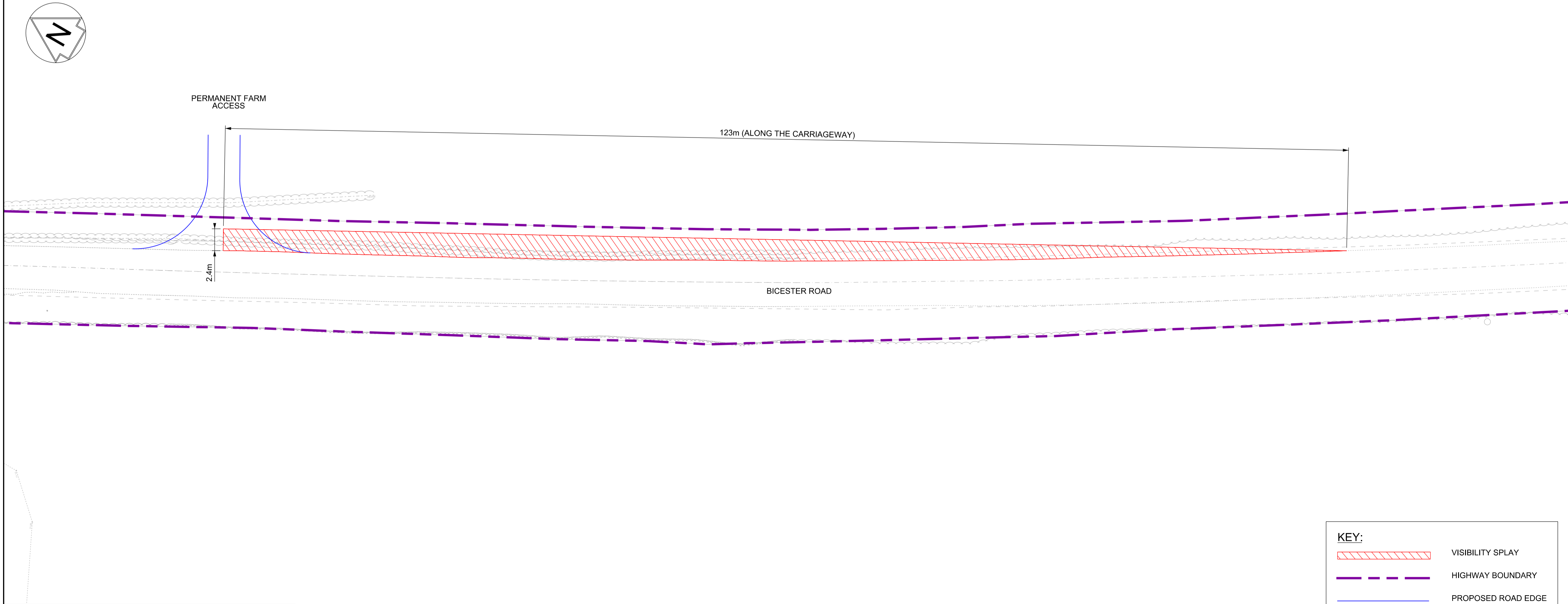
**KEY:**

	VISIBILITY SPLAY
	HIGHWAY BOUNDARY
	PROPOSED ROAD EDGE

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

**NOTES:**

- THIS DRAWING IS NOT TO BE SCALED.
- ALL DIMENSIONS ARE IN METRES (m) UNLESS SHOWN OTHERWISE.
- THE SITE TEAM NEEDS TO ASCERTAIN THE REQUIRED CLEARANCE BASED ON THE VISIBILITY SPLAY, INTERVISIBILITY ZONE AND OR WORKS REQUIRED FOR THIS SITE.



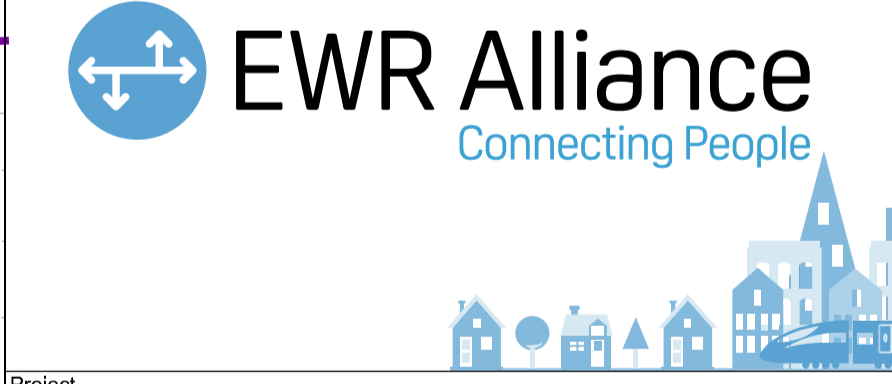
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SCALE 1:250  
@ A1 SHEET SIZE

**KEY:**

	VISIBILITY SPLAY
	HIGHWAY BOUNDARY
	PROPOSED ROAD EDGE

**DRAFT**

Rev	Date	Description of Revisions	Desd	Chkd	Appr	Suitability
B01	13/01/20	FOR INFORMATION		N.T.	G.J.	S.A.
Status	SHARED - for Information					S2



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

Drawing Title  
**OTHER ACCESS A2\_PA\_15 VISIBILITY SPLAY**

Designed	Nagoth Thomas Ravi Kumar	Signed	N. T. R. Kumar	Date	10/01/20
Drawn	Ravikumar KN	Signed	R. KN	Date	17/12/19
Checked	Gareth Johnston	Signed	G. Johnston	Date	10/01/20
Approved	Stephen Abe	Signed	S. Abe	Date	10/01/20
Scale(s)	1:250				
Design Package Risk Classification	ELR - Project Chainage (Miles Yards) OXD -				Sheet
Alternative Reference	Normal				1 of 1
Drawing Number	133735_2A-EWR-OXD-A2_PA_15-DR-CH-010007				Revision
					B01