

 **DRAFT**

B01	12/08/19	FOR INFORMATION		N.T.	N.R.	E.F.
Rev	Date	Description of Revisions	Desd	Chkd	Appr	
Status	SHARED - for Information					S2



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




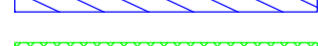



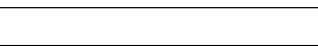
Drawing Title  
**PASSING PLACE A3\_P\_10  
GENERAL ARRANGEMENT**

Designed	Nagoth Thomas Ravi Kumar	Signed	N. T. R. Kumar	Date	08/08/19
Drawn	Ravikumar KN	Signed	R. KN	Date	22/01/19
Checked	Nadeem Rashid	Signed	N. Rashid	Date	08/08/19
Approved	Edward Findlay	Signed	E. Findlay	Date	08/08/19



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

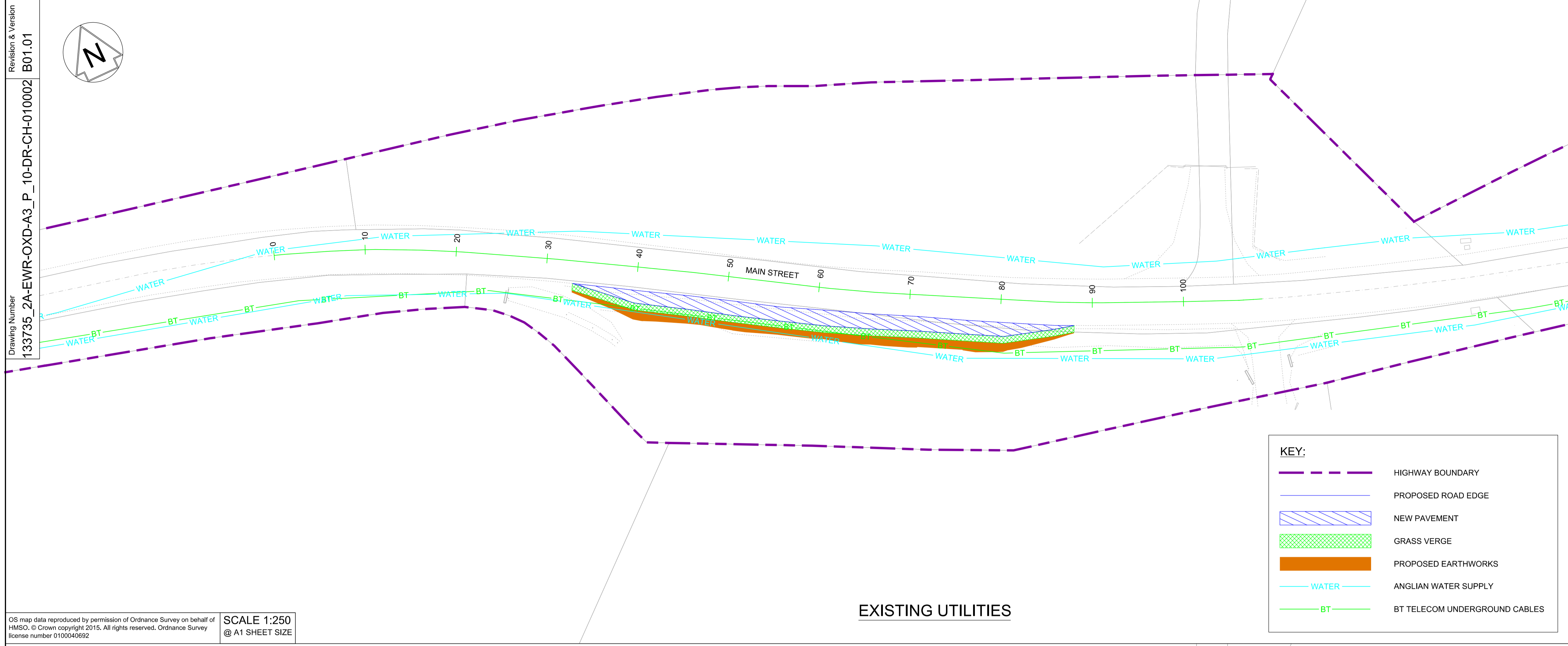
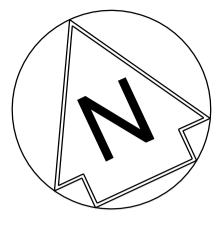
Drawing Number  
133735\_2A-EWR-OXD-A3\_P\_10-DR-CH-010001

**KEY:**

	HIGHWAY BOUNDARY
	EXISTING ROAD EDGE
	PROPOSED ROAD EDGE
	NEW PAVEMENT
	GRASS VERGE
	PROPOSED EARTHWORKS
	PROPOSED TRAFFIC SIGN
	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
EWR2-HAZ-01937	PRESENCE OF BURIED SERVICES/ UTILITIES
	INDICATES PROJECT RISKS (EWR2-DRIS- .....
	INDICATES H&S RISKS (EWR2-HAZ- .....



**EXISTING UTILITIES**

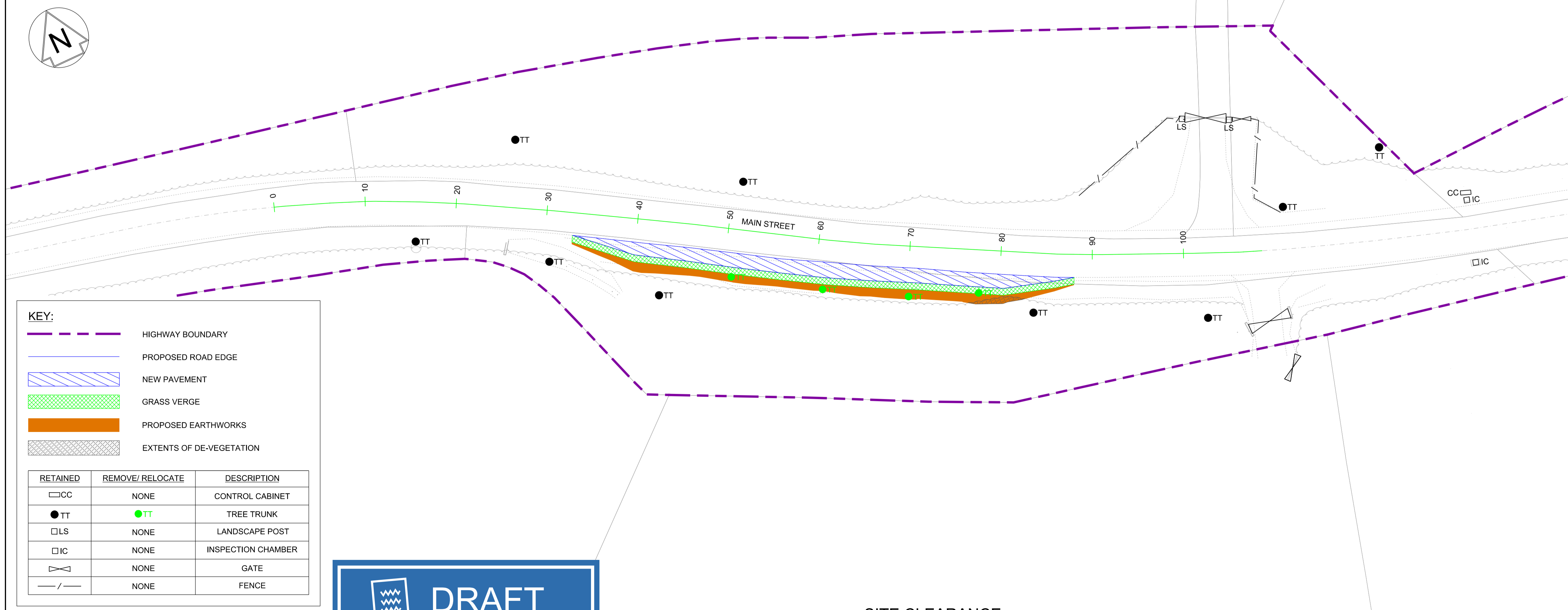
**KEY:**

- HIGHWAY BOUNDARY
- PROPOSED ROAD EDGE
- NEW PAVEMENT
- GRASS VERGE
- PROPOSED EARTHWORKS
- WATER ANGLIAN WATER SUPPLY
- BT BT TELECOM UNDERGROUND CABLES

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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 ARE IN METRES (m) UNLESS SHOWN OTHERWISE.
  - 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 LAND OWNERS SHALL BE OBTAINED PRIOR TO WORKS WHERE ACCESS TO PRIVATE LAND IS REQUIRED.
  - 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.
  - 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.
  - 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.
  - 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.
  - 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.
  - SITE CLEARANCE, WHERE THERE IS PROXIMITY TO HABITAT OF PROTECTED SPECIES, SHALL BE CARRIED OUT UNDER THE SUPERVISION OF A SUITABLY QUALIFIED ECOLOGIST.
  - 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.
  - 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.
  - 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.
  - 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.



**SITE CLEARANCE**

**KEY:**

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

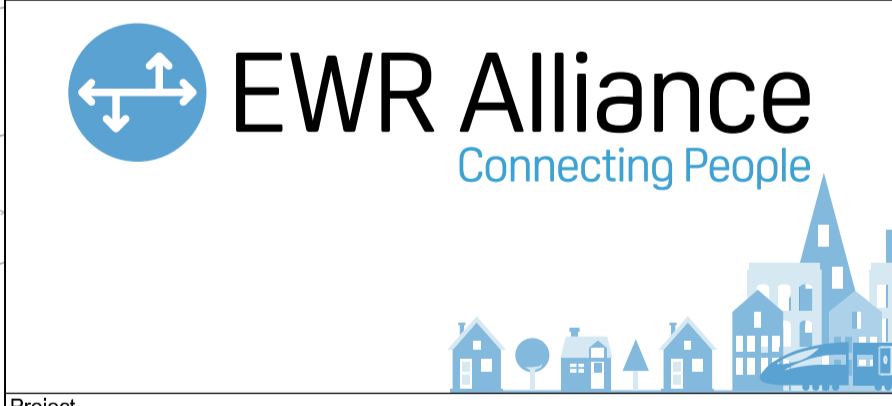
RETAINED	REMOVE/ RELOCATE	DESCRIPTION
	NONE	CONTROL CABINET
		TREE TRUNK
	NONE	LANDSCAPE POST
	NONE	INSPECTION CHAMBER
	NONE	GATE
	NONE	FENCE

**DRAFT**

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SCALE 1:250  
@ A1 SHEET SIZE

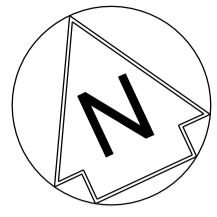
Rev	Date	Description of Revisions	Dend	Chkd	Appr	Suitability
B01	12/08/19	FOR INFORMATION				
SHARED - for Information						S2



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

Drawing Title  
**PASSING PLACE A3\_P\_10 EXISTING UTILITIES AND SITE CLEARANCE**

Designed	Nagoth Thomas Ravi Kumar	Signed	N. T. R. Kumar	Date	08/08/19	
Drawn	Ravikumar KN	Signed	R. KN	Date	22/01/19	
Checked	Nadeem Rashid	Signed	N. Rashid	Date	08/08/19	
Approved	Edward Findlay	Signed	E. Findlay	Date	08/08/19	
Scale(s)	1:250 ELR - Project Chainage (Miles Yards)					
Design Package Risk Classification	OXD - Normal				Sheet	1 of 1
Alternative Reference					Revision	B01
Drawing Number	133735_2A-EWR-OXD-A3_P_10-DR-CH-010002					

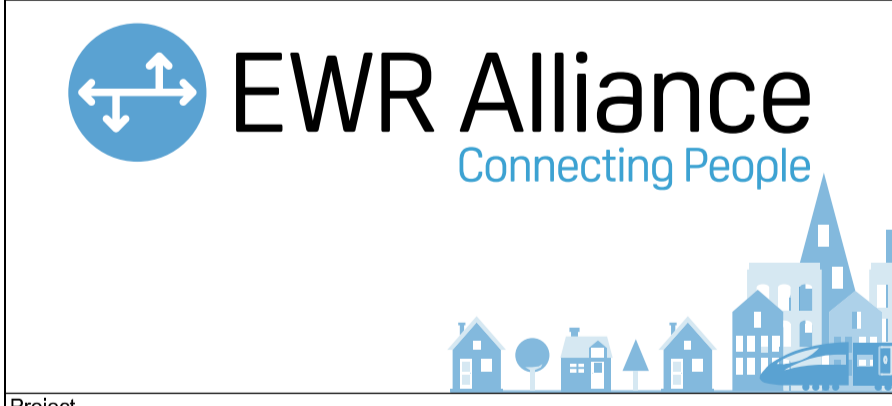


NETWORK RAIL (EAST WEST  
 RAIL WESTERN SECTION PHASE 2)

- 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.



Rev	Date	Description of Revisions	Desd	Chkd	Appr	
B01	12/08/19	FOR INFORMATION		N.T.	N.R.	E.F.
Status	SHARED - for Information				S2	



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

Drawing Title  
**PASSING PLACE A3\_P\_10  
 EXISTING AND PROPOSED  
 CONTOURS**

**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

Designed	Nagoth Thomas Ravi Kumar	Signed	N. T. R. Kumar	Date	08/08/19
Drawn	Ravikumar KN	Signed	R. KN	Date	22/01/19
Checked	Nadeem Rashid	Signed	N. Rashid	Date	08/08/19
Approved	Edward Findlay	Signed	E. Findlay	Date	08/08/19

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

