



- NOTES
- DO NOT SCALE FROM THIS DRAWING.
 - ALL LEVELS ARE IN mAOD.
 - ALL DRAINAGE ELEMENTS SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE SPECIFICATION 133735_RW-EWR-XX-XX-SP-DR-000001.
 - EXISTING LEVELS ARE BASED ON LIDAR SURVEY DATA.
 - ALL CO-ORDINATES ARE BASED ON "EWR2 SNAKEGRID".
 - FOR DETAILS OF RESIDUAL RISKS REFER TO HAZARD RISK REGISTER 133735-NWR-RSA-SSD-000001.
 - PROJECT CHAINAGE DATUM OXD 18m1 0ch = Ch108466.778m.
 - DRAWING TO BE READ IN CONJUNCTION WITH STANDARD DETAILS DRAWINGS 133735_RW-EWR-XX-XX-DR-DR-050001 TO 050006.
 - LOW VOLTAGE ELECTRICITY CABLES HAVE NOT BEEN SHOWN ON THE ROUTE WIDE UTILITIES MODEL.
 - 133735_RW-EWR-EWL-XXXXXXX-M2-U-010001. CONTRACTOR TO DEVELOP SAFE METHOD OF WORKING IN LINE WITH CLAUSE 180.008a OF THE DRAINAGE SPECIFICATION 133735_RW-EWR-XX-XX-SP-DR-000001 IN ORDER TO MANAGE THE RESIDUAL RISK. LOCATION OF UNCHARTERED SERVICES SHALL BE NOTIFIED TO THE DRAINAGE DESIGNER.
 - DRAWING TO BE READ IN CONJUNCTION WITH DRAINAGE SCHEDULE 133735_2A-EWR-OXD-XX-SH-DR-000020 AND 133735_2A-EWR-OXD-XX-SH-DR-000021.

- KEY:
- PROPOSED PERMANENT BOUNDARY
 - EXISTING WATERCOURSE
 - REGRADED SLOPE (1 in 2.5) TO TIE IN DRAINAGE WITH EXISTING GROUND
 - PROPOSED RETAINING WALL
 - NR HISTORIC CABLE ROUTE (TO BE REMOVED DURING SITE CLEARANCE)
 - UNDERGROUND HIGH PRESSURE GAS MAIN
 - UNDERGROUND MEDIUM PRESSURE GAS MAIN
 - THAMES WATER SEWER
 - UNDERGROUND BT
 - OVERHEAD HIGH VOLTAGE CABLE
 - PROPOSED FILTER DRAIN
 - PROPOSED CARRIER DRAIN
 - PROPOSED HEADWALL
 - EXISTING DRAINAGE DITCH TO BE MODIFIED
 - PROPOSED DRAINAGE DITCH IN ACCORDANCE WITH DRAWING 133735_RW-EWR-XX-XX-DR-D-050001
 - SETTING OUT POINT / CATCHPIT

Rev	Date	Description of Revisions	Dend	Chkd	Appr
B01	29/01/20	F003 SUBMISSION	S.G.	B.W.	M.L.

SHARED - for Information S2



Project
East West Rail (Western Section) Phase 2

Drawing Title
2A2 Civil Engineering Drainage Design Sheet 9 of 11 Ch 105600 - 105300

Designed	Steven Genever	Signed	S. Genever	Date	28/01/20
Drawn	Sreeni Ramachandra Nair	Signed	S. R. Nair	Date	20/03/19
Checked	Ben Wilding	Signed	B. Wilding	Date	28/01/20
Approved	Matt Lawrence	Signed	M. Lawrence	Date	28/01/20

Scale(s)	1:250	ELR - Project Chainage (Miles Yards)	OXD - 16m 17ch to 16m 3ch
Design Package Risk Classification	Normal	Sheet	9 of 11
Alternative Reference		Revision	B01
Drawing Number	133735_2A-EWR-OXD-XX-DR-DR-000015		

Safety, Health and Environmental Information
The works are to be undertaken by a competent contractor, 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 CDM PHASE 2 HAZARD LOG" eB doc. Ref: 133735-EWR-LOG-SSD-000004.

ID	Hazard description
-	-

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

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