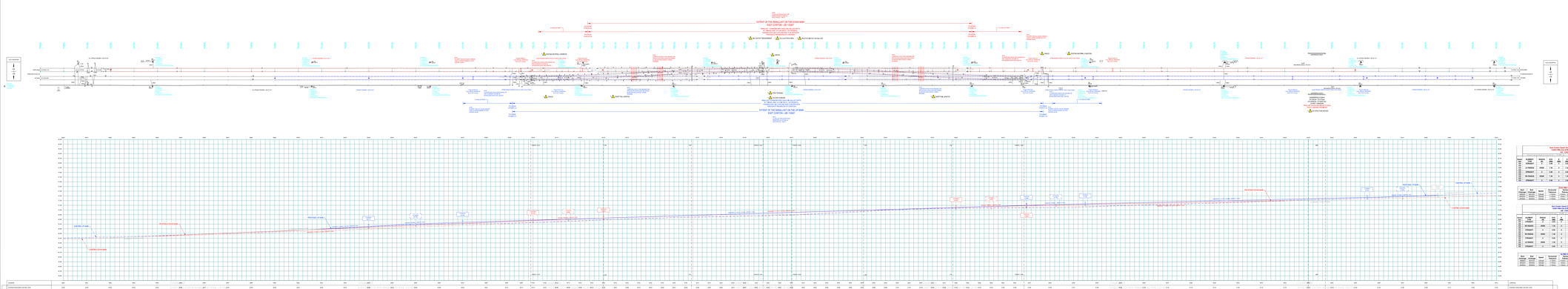

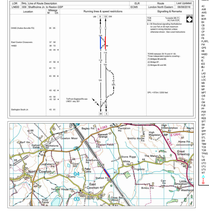

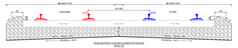

Chainage	Gradient	Vertical Curve Type	Vertical Curve Length	Sight Distance	Station	Easting	Northing	Height
0.000					0+000.000	0.000	0.000	0.000
1,000.000	-0.500%	CREST	1,000	1,000	0+999.999	0.000	0.000	0.000
1,400.000	-0.500%	CREST	1,000	1,000	1+399.999	0.000	0.000	0.000
1,500.000	-0.500%	CREST	1,000	1,000	1+499.999	0.000	0.000	0.000
1,600.000	-0.500%	CREST	1,000	1,000	1+599.999	0.000	0.000	0.000
1,700.000	-0.500%	CREST	1,000	1,000	1+699.999	0.000	0.000	0.000
1,800.000	-0.500%	CREST	1,000	1,000	1+799.999	0.000	0.000	0.000

East Coast Main Line, Down Main
Vertical Alignment
Sheet 1 of 2

Chainage	Gradient	Vertical Curve Type	Vertical Curve Length	Sight Distance	Station	Easting	Northing	Height
0.000					0+000.000	0.000	0.000	0.000
1,000.000	-0.500%	CREST	1,000	1,000	0+999.999	0.000	0.000	0.000
1,400.000	-0.500%	CREST	1,000	1,000	1+399.999	0.000	0.000	0.000
1,500.000	-0.500%	CREST	1,000	1,000	1+499.999	0.000	0.000	0.000
1,600.000	-0.500%	CREST	1,000	1,000	1+599.999	0.000	0.000	0.000
1,700.000	-0.500%	CREST	1,000	1,000	1+699.999	0.000	0.000	0.000
1,800.000	-0.500%	CREST	1,000	1,000	1+799.999	0.000	0.000	0.000

East Coast Main Line, Up Main
Vertical Alignment
Sheet 1 of 2

Hazard	Start Chainage	End Chainage	Speed	Gradient	Vertical Curve Type	Vertical Curve Length	Sight Distance	Structure	Clearance
0000001	0000000	0000000	0.000	0.000%	0.000%	0.000	0.000	0.000	0.000
0000002	0000000	0000000	0.000	0.000%	0.000%	0.000	0.000	0.000	0.000
0000003	0000000	0000000	0.000	0.000%	0.000%	0.000	0.000	0.000	0.000
0000004	0000000	0000000	0.000	0.000%	0.000%	0.000	0.000	0.000	0.000
0000005	0000000	0000000	0.000	0.000%	0.000%	0.000	0.000	0.000	0.000
0000006	0000000	0000000	0.000	0.000%	0.000%	0.000	0.000	0.000	0.000
0000007	0000000	0000000	0.000	0.000%	0.000%	0.000	0.000	0.000	0.000

East Coast Main Line, Down Main
Hazard Summary Table
Sheet 1 of 2

Hazard	Start Chainage	End Chainage	Speed	Gradient	Vertical Curve Type	Vertical Curve Length	Sight Distance	Structure	Clearance
0000001	0000000	0000000	0.000	0.000%	0.000%	0.000	0.000	0.000	0.000
0000002	0000000	0000000	0.000	0.000%	0.000%	0.000	0.000	0.000	0.000
0000003	0000000	0000000	0.000	0.000%	0.000%	0.000	0.000	0.000	0.000
0000004	0000000	0000000	0.000	0.000%	0.000%	0.000	0.000	0.000	0.000
0000005	0000000	0000000	0.000	0.000%	0.000%	0.000	0.000	0.000	0.000
0000006	0000000	0000000	0.000	0.000%	0.000%	0.000	0.000	0.000	0.000
0000007	0000000	0000000	0.000	0.000%	0.000%	0.000	0.000	0.000	0.000

East Coast Main Line, Up Main
Hazard Summary Table
Sheet 1 of 2

HAZARD SUMMARY TABLE

Where hazards are summarised in one or more or absent, identifiers, such as the 0 (zeroes) complete a precise search for hazards in the Hazard Table. Hazards, Start Chainage, End Chainage and Speed are mandatory.
Refer to the Glossary for definitions for hazard information.

Hazard ID	Description
1	Linear cables in the verge throughout the site. Risk of damage.
2	Low Voltage Power Cable runs alongside the track. Risk of damage.
3	Trackside Equipment. Risk of damage.
4	Overall GEOMETRY. Risk of derailment by not-fixed point. Linked to compound. Not all locations hazards recorded.
5	Not to scale. Risk that track layout, signalling and OHL are not to the correct scale or in relation, and is fixed.
6	Bridge Scours are being surveyed. Risk that debris could fall into.
7	Condition of existing materials. Risk they could crumble/ fall. Requiring repairs.
8	Low Bridge Flooding. Risk that underbridge is prone to flooding. Requiring Pumps & a different Method of Working.
9	Risk of short length of rail being welded.

Rev	Date	Description	Drawn	Checked
P01	07-07-21	Issued for Information	PM	DJ
P02	12-07-21	Issued for Information	PM	DJ
P03	12-07-21	Issued for Information	PM	DJ
P04	12-07-21	Issued for Information	PM	DJ