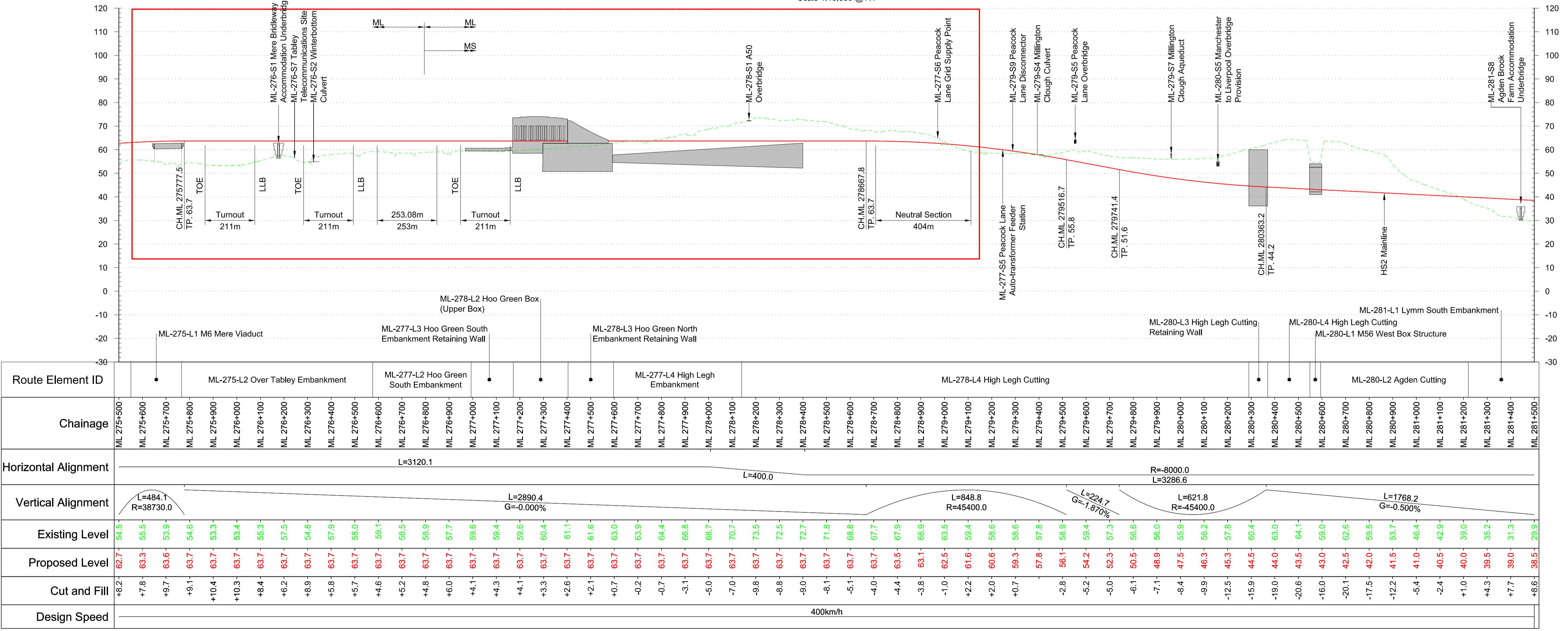


Plan
Scale 1:10,000 @ A1



Profile
Scale H:1:10,000 V:1:1000 @ A1

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Rev	Description	Drawn	Checked	Con App	HS2 App
P01	Issued for DRC	EP	GHU	DCL	
		29/05/2019	28/05/2019	28/05/2019	

Scale with caution as distortion can occur.

Legends/Notes:

- Depot, station, headhouse, shaft or portal building
- Tunnel portal
- Electricity substation
- Ecological mitigation pond
- Balancing pond
- Pumping station
- Replacement floodplain storage area
- Denotes Area of Consultation
- Woodland habitat creation
- Wetland habitat creation
- Grassland habitat creation
- Landscape mitigation planting (scrub / woodland)
- Greening areas
- Local placement
- Public realm
- Engineering earthworks
- Landscape earthworks
- Rail alignment formation
- Returned to suitable development use
- County boundary
- Borough / District boundary
- Major contour
- Community area boundary
- Existing watercourse
- Watercourse diversions
- New Ditches
- Hedgehog habitat creation
- Major utility works
- Noise fence barrier
- Existing public right of way
- New, diverted or realigned public right of way
- Public right of way closure
- Tunnels external extent
- HS2 access road
- Realigned highway
- Rail alignment

HS2

Registered in England
Registration No. 06791686
Registered office:
2 Snow Hill, Queensway,
Birmingham, B4 6GA

Creator/Organator
MW JV (Mott MacDonald and WSP Joint Venture)

Zone
M2 Wide – Hough to Bamfurlong

Design Stage
Hybrid Bill - Draft Interim Preliminary Design

Drawing Title
London to Liverpool Junction
Plan & Profile Sheet 1 of 1

Project/Contract
CEDS Area 1 (CE1)

Discipline/Function
Civil

Drawn	Checked	Approved
GWH	GHU	DCL

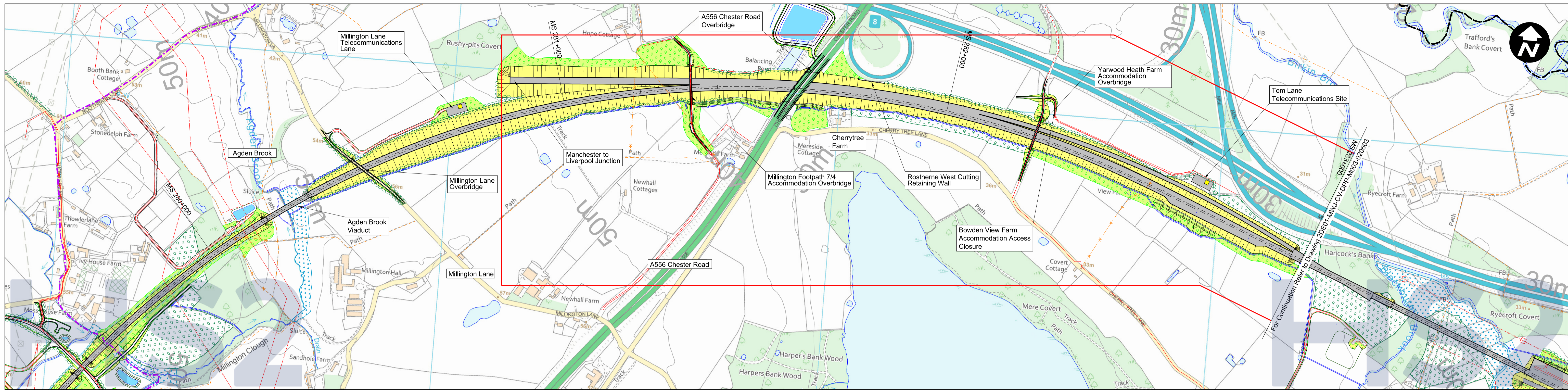
Date
20/05/2019

Scale
AS SHOWN

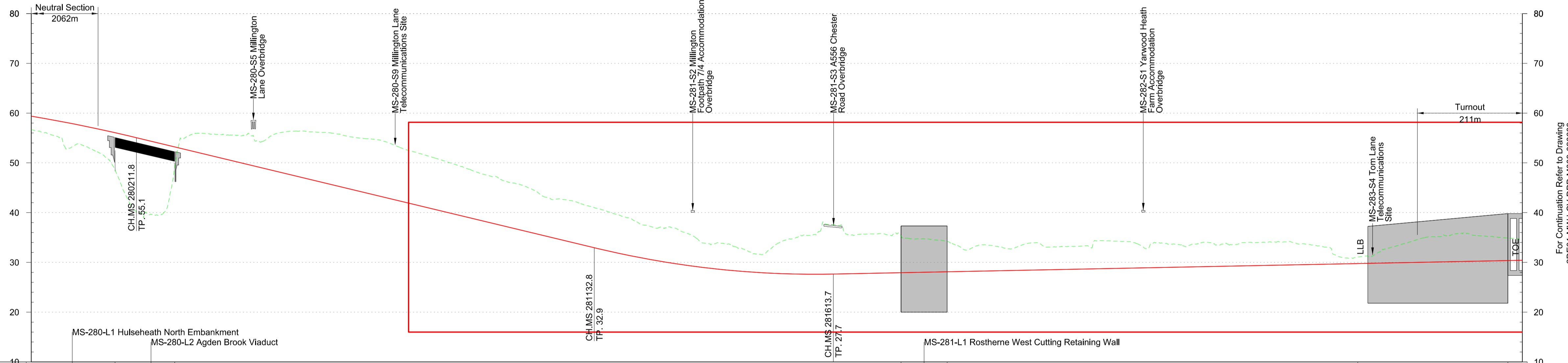
Size
A1

Drawing No.
2DE01-MWJ-CV-DPP-M002-020601

Rev.
P01



Plan
Scale 1:5,000 @ A1



Route Element ID	MS-280-L3 Millington Cutting															MS-281-L2 Rostherne West Cutting										MS-282-L1 Rostherne East Cutting Retaining Wall							
Chainage	MS 280+000	MS 280+100	MS 280+200	MS 280+300	MS 280+400	MS 280+500	MS 280+600	MS 280+700	MS 280+800	MS 280+900	MS 281+000	MS 281+100	MS 281+200	MS 281+300	MS 281+400	MS 281+500	MS 281+600	MS 281+700	MS 281+800	MS 281+900	MS 282+000	MS 282+100	MS 282+200	MS 282+300	MS 282+400	MS 282+500	MS 282+600	MS 282+700	MS 282+800	MS 282+900	MS 283+000		
Horizontal Alignment													R=2354.0 L=3909.5																				
Vertical Alignment																																	
Existing Level	56.7	53.7	41.6	55.0	55.6	56.1	56.1	54.6	51.4	48.0	45.0	42.0	39.0	36.7	33.7	33.7	37.7	35.7	34.7	33.3	33.7	33.2	34.2	33.7	33.8	34.1	33.1	31.4	34.9	35.5	34.5		
Proposed Level	59.4	57.5	55.3	52.9	50.5	48.1	45.7	43.3	40.9	38.5	36.1	33.7	31.5	29.7	28.5	27.8	27.6	27.8	28.0	28.2	28.4	28.6	28.8	29.0	29.2	29.4	29.6	29.8	30.0	30.2	30.4		
Cut and Fill	+2.7	+3.8	+13.7	-2.1	-5.1	-8.0	-10.4	-11.3	-10.5	-9.5	-8.9	-8.3	-7.5	-7.0	-5.2	-5.9	-10.1	-7.9	-6.7	-5.1	-5.3	-4.6	-5.4	-4.7	-4.6	-4.7	-3.5	-1.6	-4.9	-5.3	-4.1		
Design Speed	230km/h																																

For Continuation Refer to Drawing
2DE01-MWJ-CV-DPP-M003-020603

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Rev	Description	Drawn	Checked	Con App	HS2 App	Scale with caution as distortion can occur.
P01	Issued for DRC	EP	GHU	DCL		
		29/05/2019	28/05/2019	28/05/2019		

Profile
Scale H:1:5,000 V:1:500 @ A1

Legends/Notes:

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- Balancing pond
- Pumping station
- Replacement floodplain storage area
- Denotes Area of Consultation
- Woodland habitat creation
- Wetland habitat creation
- Grassland habitat creation
- Landscape mitigation planting (scrub / woodland)
- Grassed areas
- Local placement
- Public realm
- Engineering earthworks
- Landscape earthworks
- Rail alignment formation
- Returned to suitable development use
- County boundary
- Borough / District boundary
- Major contour
- Community area boundary
- Existing watercourse
- Watercourse diversions
- New Ditches
- Hedgerow habitat creation
- Major utility works
- Noise fence barrier
- Existing public right of way
- New, diverted or realigned public right of way
- Public right of way closure
- Tunnels external extent
- HS2 access road
- Realigned highway
- Rail alignment

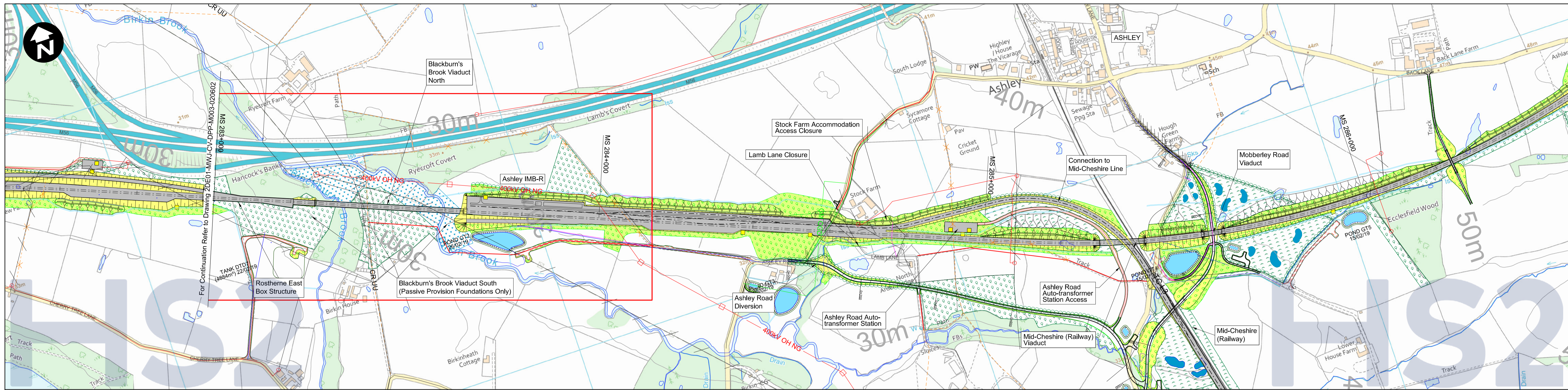
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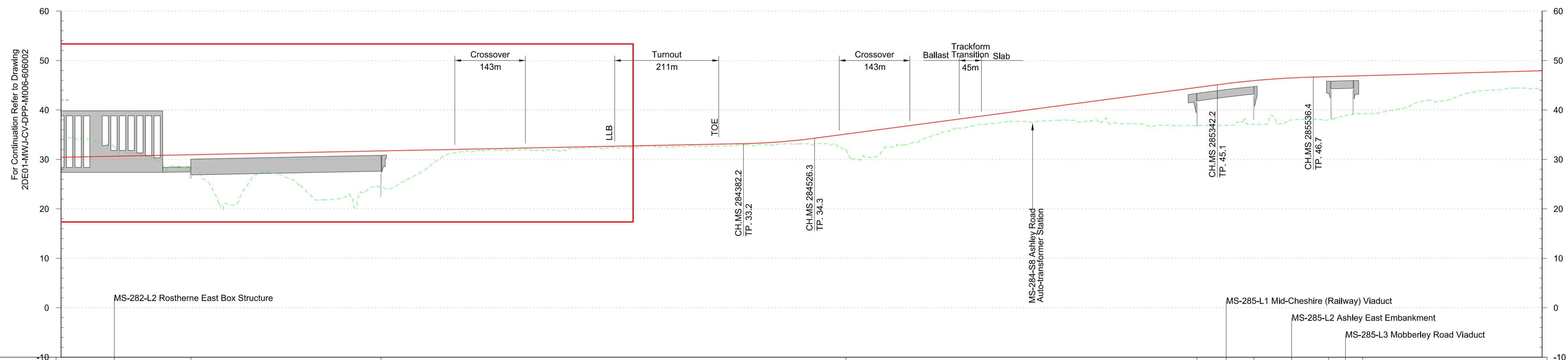
Creator/Originator
MW JV (Mott MacDonald and WSP Joint Venture)

Zone	M3 Wide – Hulseheath to Manchester	Project/Contract	CDDES Area 1 (CE1)
Design Stage	Hybrid Bill - Draft Interim Preliminary Design	Discipline/Function	Civil
Drawing Title	Manchester to Liverpool Junction	Drawn	Checked
		GHU	DCL
Chainage (e.g. 10+000)	Plan & Profile Sheet 1 of 2	Date	Scale
		20/05/2019	AS SHOWN
		Size	Rev.
		A1	P01
		Drawing No.	2DE01-MWJ-CV-DPP-M003-020602

Fit for Acceptance

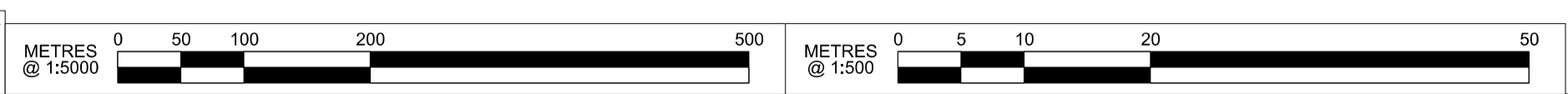


Plan
Scale 1:5,000 @ A1



Route Element ID	MS-283-L3 Blackburn's Brook Viaduct North										MS-283-L4 Blackburn's Brook Embankment										MS-284-L1 Ashley West Embankment										MS-285-L1 Mid-Cheshire (Railway) Viaduct					MS-285-L2 Ashley East Embankment					MS-285-L3 Mobberley Road Viaduct				
Chainage	MS 283+000	MS 283+100	MS 283+200	MS 283+300	MS 283+400	MS 283+500	MS 283+600	MS 283+700	MS 283+800	MS 283+900	MS 284+000	MS 284+100	MS 284+200	MS 284+300	MS 284+400	MS 284+500	MS 284+600	MS 284+700	MS 284+800	MS 284+900	MS 285+000	MS 285+100	MS 285+200	MS 285+300	MS 285+400	MS 285+500	MS 285+600	MS 285+700	MS 285+800	MS 285+900	MS 286+000														
Horizontal Alignment	L=2286.9										L=144.1 R=12810.0										L=295.0 R=1815.1										L=194.2 R=18500.0					L=756.3 G=0.275%									
Vertical Alignment	L=2768.5 G=0.200%										L=144.1 R=12810.0										L=815.8 G=1.325%										L=194.2 R=18500.0					L=756.3 G=0.275%									
Existing Level	34.5	32.8	29.3	25.2	27.2	23.3	21.3	25.9	31.4	31.9	31.9	32.0	32.6	32.6	32.9	30.2	30.2	32.9	35.9	37.4	37.8	37.7	36.8	37.6	38.0	38.9	40.0	41.9	44.0	44.3															
Proposed Level	30.4	30.6	30.8	31.0	31.2	31.4	31.6	31.8	32.0	32.2	32.4	32.6	32.8	33.0	33.2	34.0	35.3	36.6	37.9	39.2	40.6	41.9	43.2	44.5	45.8	46.5	46.8	47.1	47.4	47.7	47.9														
Cut and Fill	-4.1	-2.2	+1.5	+5.8	+4.0	+8.1	+10.3	+5.9	+0.6	+0.3	+0.5	+0.6	+0.2	+0.3	+0.3	+0.8	+5.1	+3.7	+2.0	+1.8	+2.8	+4.2	+6.4	+7.6	+8.2	+8.5	+7.9	+7.1	+5.5	+3.7	+3.6														
Design Speed	230km/h																																												

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Profile
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Rev	Description	Drawn	Checked	Con App	HS2 App
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Zone	M3 Wide – Hulseheath to Manchester	Project/Contract	CDER Area 1 (CE1)
Design Stage	Hybrid Bill - Draft Interim Preliminary Design	Discipline/Function	Civil
Drawing Title	Manchester to Liverpool Junction	Drawn	Checked
		GWH	GHU
			DCL
Chainage (e.g. 10+000)	Plan & Profile Sheet 2 of 2	Date	Scale
		20/05/2019	AS SHOWN
		Size	A1
		Drawing No.	Rev.
		2DE01-MWJ-CV-DPP-M003-020603	P01