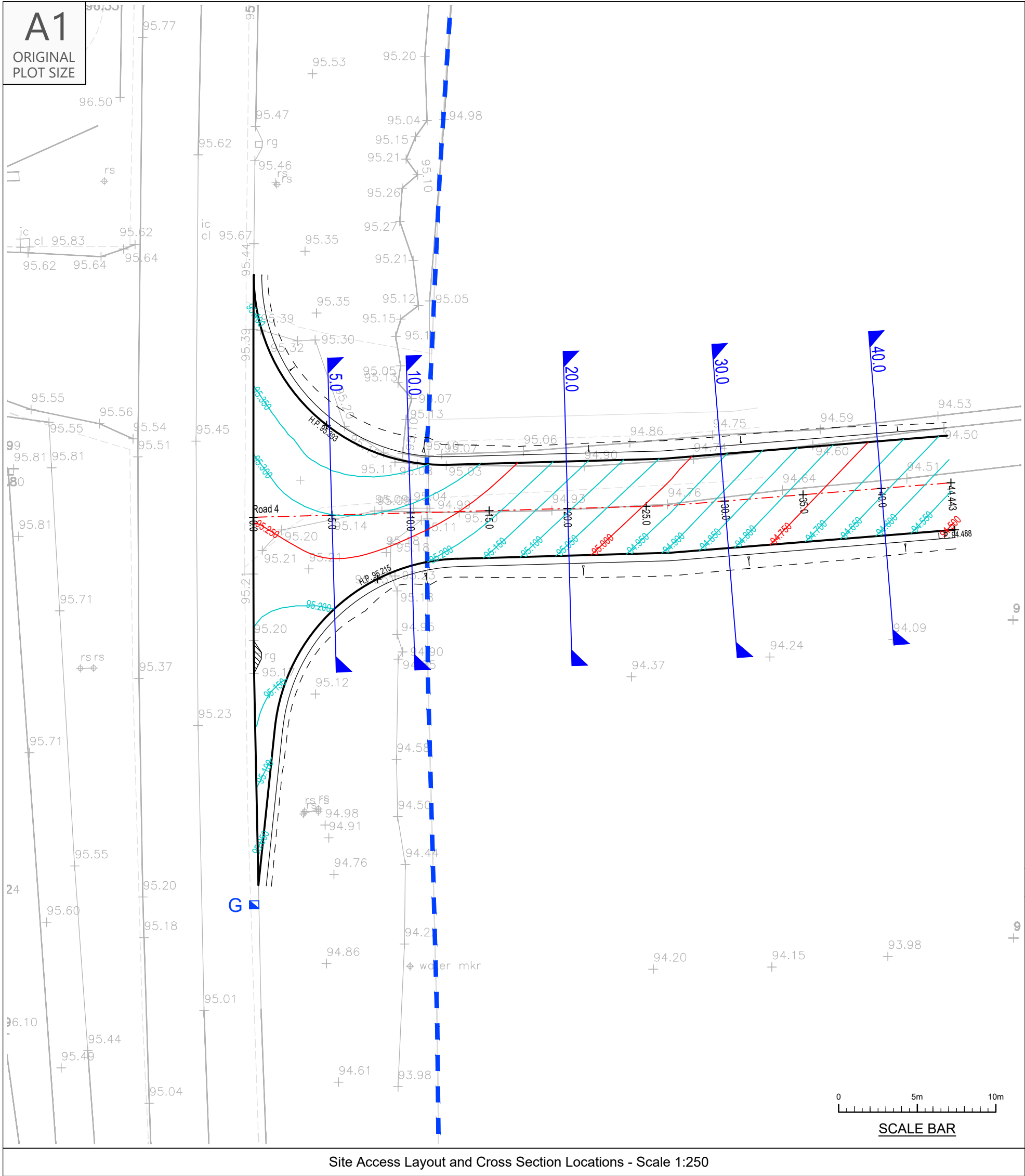




Site Access Layout and Cross Section Locations - Scale 1:250

Road 4										
Chainage (m)	Easting (m)	Northing (m)	Level (m)	Curve/Straight	Left Channel Easting (m)	Left Channel Northing (m)	Left Channel Level (m)	Right Channel Easting (m)	Right Channel Northing (m)	Right Channel Level (m)
0.000	391362.611	178226.869	95.254	Start						
5.000	391367.609	178227.009	95.299	Straight						
10.000	391372.607	178227.149	95.287	Straight	391367.452	178232.593	95.392	391367.775	178221.052	95.200
15.000	391377.605	178227.289	95.216	Straight	391372.516	178230.397	95.364	391372.700	178223.797	95.208
20.000	391382.603	178227.428	95.106	Straight	391377.521	178230.285	95.291	391377.689	178224.290	95.141
25.000	391387.601	178227.568	94.995	Straight	391382.619	178230.424	95.181	391382.687	178224.430	95.031
26.324	391388.925	178227.605	94.966	IP	391387.517	178230.563	95.070	391387.685	178224.569	94.920
30.000	391392.588	178227.902	94.884	Straight	391388.683	178230.595	95.044	391389.167	178224.615	94.889
35.000	391397.572	178228.305	94.773	Straight	391392.346	178230.892	94.959	391392.830	178224.911	94.809
40.000	391402.556	178228.709	94.662	Straight	391397.330	178231.295	94.848	391397.814	178225.315	94.698
44.443	391406.984	178229.067	94.563	End	391402.314	178231.699	94.737	391402.798	178225.718	94.587
					391406.742	178232.057	94.638	391407.226	178226.077	94.488

Road 4 Left Channel				
Chainage (m)	Easting (m)	Northing (m)	Level (m)	Curve/Straight
0.451	391362.631	178242.272	95.419	Start
0.451	391362.631	178242.272	95.419	Tangent Point
2.114	391364.475	178235.818	95.369	Curve Radius 12.0
5.000	391367.452	178232.593	95.392	Curve
10.000	391372.516	178230.397	95.364	Curve
12.443	391374.965	178230.214	95.334	Tangent Point
15.000	391377.521	178230.285	95.291	Straight
20.000	391382.519	178230.424	95.181	Straight
25.000	391387.517	178230.563	95.070	Straight
26.166	391388.683	178230.595	95.044	IP
30.000	391392.346	178230.892	94.959	Straight
35.000	391397.330	178231.295	94.848	Straight
40.000	391402.314	178231.699	94.737	Straight
44.443	391406.742	178232.057	94.638	End

Road 4 Right Channel				
Chainage (m)	Easting (m)	Northing (m)	Level (m)	Curve/Straight
-0.328	391362.938	178203.485	95.019	Start
0.000	391363.195	178205.965	95.044	Straight
0.995	391363.980	178213.482	95.119	Tangent Point
2.340	391365.209	178217.655	95.161	Curve Radius 12.0
5.000	391367.775	178221.052	95.200	Curve
10.000	391372.700	178223.797	95.208	Curve
12.891	391375.680	178224.231	95.178	Tangent Point
15.000	391377.689	178224.290	95.141	Straight
20.000	391382.687	178224.430	95.031	Straight
25.000	391387.685	178224.569	94.920	Straight
26.324	391389.088	178224.608	94.891	IP
30.000	391392.830	178224.911	94.809	Straight
35.000	391397.814	178225.315	94.698	Straight
40.000	391402.798	178225.718	94.587	Straight
44.443	391407.226	178226.077	94.488	End

Road 4	Longitudinal Section Along Access Centreline - Scale 1:500 Horizontal, 1:250 Vertical									
	Vertical Exaggeration: 2 Datum: 88.000m AOD									
	EXISTING LEVELS (m)	95.254	95.099	95.062	95.019	94.907	94.887	94.516	94.420	
	LEVELS ON CENTRELINE OF CARRIAGEWAY (m)	95.254	95.209	95.207	95.195	95.106	94.884	94.682	94.583	94.420
	LEVELS ON LEFT HAND CHANNEL (m)		95.381	95.245	95.200	95.161	94.899	94.737	94.638	
	LEVELS ON RIGHT HAND CHANNEL (m)	95.039	95.215	95.210	95.128	95.039	94.830	94.697	94.498	
	VERTICAL DESIGN ON CARRIAGEWAY CENTRELINE	HOG CURVE R = 431.414 L = 16.000					GRADIENT 2.2% (-1 in 45) LENGTH = 28.443m			
	HORIZONTAL DESIGN ON CARRIAGEWAY CENTRELINE	STRAIGHT LENGTH = 26.324m					STRAIGHT LENGTH = 18.119m			
	CHAINAGE ON CENTRELINE (m)	0.000	5.000	10.000	15.000	20.000	30.000	40.000	44.443	

Longitudinal Section Along Access Centreline - Scale 1:500 Horizontal, 1:250 Vertical

Cross Section for Road 4										
Vertical Exaggeration: 2 Datum: 93.00m AOD										
Existing Levels (m)	94.971	94.923	94.880	94.814	94.807	94.813	94.820	94.820	94.820	94.820
Offset (m)	-0.000	-7.126	-3.857	-2.881	-1.194	0.074	2.355	4.779	10.000	94.820
Proposed Levels (m)		94.968	94.958	94.958	94.958	94.958	94.958	94.958	94.958	94.958
Offset (m)		-4.689	-3.088	-2.000	-0.000	0.000	0.000	0.000	0.000	94.958

Chainage : 20.000m

Cross Section for Road 4										
Vertical Exaggeration: 2 Datum: 93.00m AOD										
Existing Levels (m)	95.654	95.604	95.513	95.458	95.458	95.458	95.458	95.458	95.458	95.458
Offset (m)	-0.000	-8.178	-7.607	-6.173	-4.689	-3.173	-1.657	-0.141	1.375	95.458
Proposed Levels (m)		95.610	95.607	95.607	95.607	95.607	95.607	95.607	95.607	95.607
Offset (m)		-4.689	-3.173	-2.000	-0.000	0.000	0.000	0.000	0.000	95.607

Chainage : 10.000m

Cross Section for Road 4										
Vertical Exaggeration: 2 Datum: 94.00m AOD										
Existing Levels (m)	95.627	95.624	95.613	95.613	95.613	95.613	95.613	95.613	95.613	95.613
Offset (m)	-0.000	-8.173	-7.603	-6.169	-4.685	-3.169	-1.653	-0.137	1.375	95.613
Proposed Levels (m)		95.624	95.624	95.624	95.624	95.624	95.624	95.624	95.624	95.624
Offset (m)		-7.298	-5.782	-4.685	-3.169	-2.000	-0.831	0.000	1.375	95.624

Chainage : 5.000m

Cross Section for Road 4										
Vertical Exaggeration: 2 Datum: 93.00m AOD										
Existing Levels (m)	94.968	94.958	94.958	94.958	94.958	94.958	94.958	94.958	94.958	94.958
Offset (m)	-7.126	-4.689	-3.088	-2.000	-0.000	0.000	0.000	0.000	0.000	94.958
Proposed Levels (m)	94.968	94.958	94.958	94.958	94.958	94.958	94.958	94.958	94.958	94.958
Offset (m)		-4.689	-3.088	-2.000	-0.000	0.000	0.000	0.000	0.000	94.958

Chainage : 40.000m

Cross Section for Road 4										
Vertical Exaggeration: 2 Datum: 93.00m AOD										
Existing Levels (m)	94.703	94.703	94.703	94.703	94.703	94.703	94.703	94.703	94.703	94.703
Offset (m)	-0.000	-4.689	-3.088	-2.000	-0.000	0.000	0.000	0.000	0.000	94.703
Proposed Levels (m)	94.703	94.703	94.703	94.703	94.703	94.703	94.703	94.703	94.703	94.703
Offset (m)		-4.689	-3.088	-2.000	-0.000	0.000	0.000	0.000	0.000	94.703

Chainage : 30.000m

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NOTES:

- This drawing is based on a topographical survey undertaken by AG Surveys, dated 30/01/2024 and provided to TPA as AutoCAD file reference '3572-03 RedBarn roads'.
- The extent of adopted highway has been taken from a 1:6,000 scale Ordnance Survey based highway record plan received from Wiltshire Council dated 03/05/2022 and is indicative only.

KEY

Carriageway:

--- Adopted highway boundary (see note 2).

--- Prominent contour.

--- Normal contour.

Existing gully and concrete surround to be abandoned and removed, existing connection to be retained.

New gully with 150mm dia. pipe connection to existing surface water sewer pipe.



INDICATIVE

Setting Out Information

Cross Sections Along Access Centreline - Scale 1:250 Horizontal, 1:125 Vertical

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A		01/04/24	Updated based on comments.		KVT	AG	JD	
Rev.	Date		Details			Drawn By	Checked By	Approved By
Bristol Cambridge London Weylyn Garden City tpa Transport Planning Associates 40 Berkeley Square Clifton Bristol BS8 1HP 0117 925 9400 www.tpa.co.uk								
CLIENT: EDEN RB SOLAR LTD								
PROJECT: RED BARN SOLAR FARM, CHIPPENHAM								
TITLE: A350 Eastern Land Parcel - Site Access Sections, Surface Contours and Setting Out								
STATUS: FOR APPROVAL								
SCALE: As Shown		DATE: 22.10.25		DRAWN: PSW		CHECKED: AG		APPROVED: JD
JOB NO: 2508-038			DRAWING NO: H13				REVISION: A	