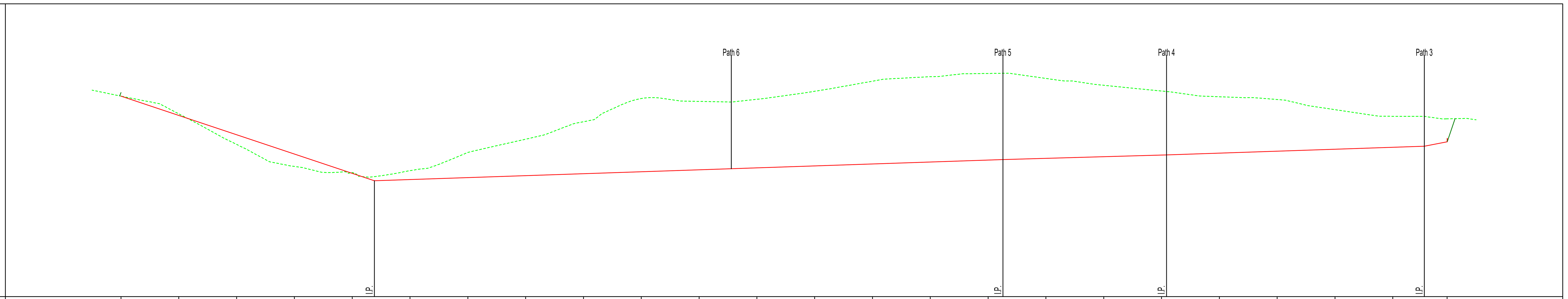
A1
ORIGINAL
PLOT SIZE

SCALE H 1:500
V1:100

Path 1

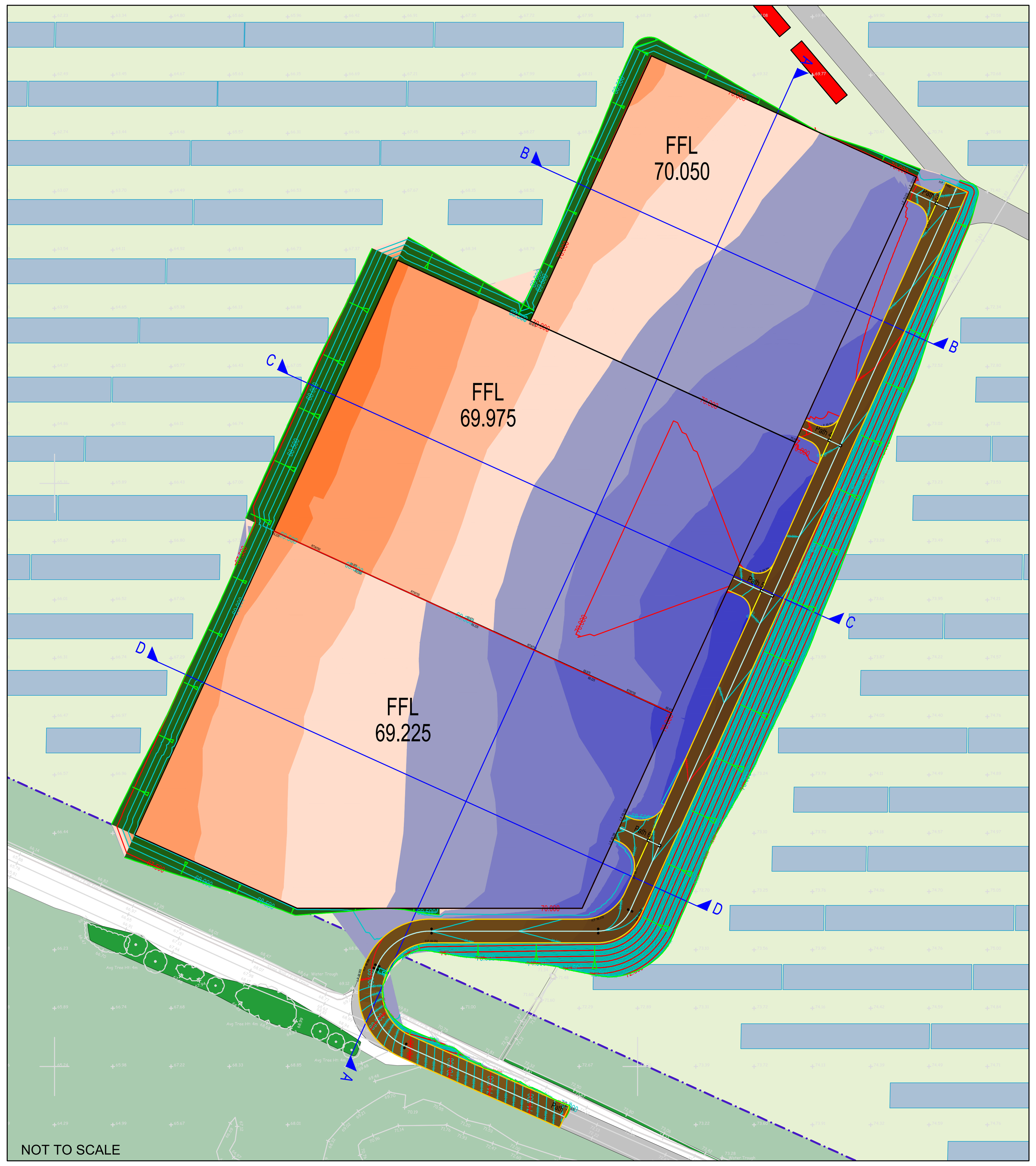


Datum: 65.000M AOD

CHAINAGE ON CENTRELINE (m)	LEVELS ON CENTRELINE OF CARRIAGEWAY (m)	LEVELS ON LEFT HAND CHANNEL (m)	LEVELS ON RIGHT HAND CHANNEL (m)	EXISTING LEVELS (m)	Final Surface (m)
0.000	71.929	71.877	71.979	71.929	71.929
10.000	71.262	71.211	71.312	71.317	71.262
20.000	70.596	70.544	70.646	70.261	70.596
30.000	69.929	69.877	69.979	69.499	69.929
40.000	69.262	69.211	69.309	69.287	69.262
50.000	69.047	68.996	69.040	69.353	69.047
60.000	69.114	69.063	69.064	69.984	69.114
70.000	69.182	69.130	69.132	70.441	69.182
80.000	69.249	69.197	69.199	71.045	69.249
90.000	69.316	69.253	69.266	71.848	69.316
100.000	69.383	69.343	69.333	71.748	69.383
110.000	69.450	69.417	69.400	71.821	69.450
120.000	69.517	69.491	69.467	72.098	69.517
130.000	69.584	69.565	69.534	72.446	69.584
140.000	69.651	69.639	69.601	72.603	69.651
150.000	69.718	69.713	69.668	72.714	69.718
160.000	69.778	69.781	69.728	72.542	69.778
170.000	69.837	69.846	69.787	72.305	69.837
180.000	69.895	69.912	69.845	72.106	69.895
190.000	69.962	69.985	69.912	71.909	69.962
200.000	70.029	70.060	69.979	71.813	70.029
210.000	70.096	70.134	70.046	71.463	70.096
220.000	70.163	70.208	70.113	71.233	70.163
229.406	70.350	70.402	70.300	71.145	70.350

VERTICAL DESIGN ON CARRIAGEWAY CENTRELINE:
- GRADIENT -6.7% (-1 in 15) LENGTH = 43.841m
- GRADIENT 0.7% (1 in 149) LENGTH = 108.726m
- GRADIENT 0.6% (1 in 171) LENGTH = 28.288m
- GRADIENT 0.7% (1 in 149) LENGTH = 44.601m
- G = 3.8%

HORIZONTAL DESIGN ON CARRIAGEWAY CENTRELINE:
- STRAIGHT LENGTH = 29.887m
- CURVE R = 10.064 L = 15.698
- CURVE R = 10.033 L = 11.682
- STRAIGHT LENGTH = 28.581m
- CURVE R = 6.180 L = 6.870
- STRAIGHT LENGTH = 62.599m
- STRAIGHT LENGTH = 73.465m



NOT TO SCALE

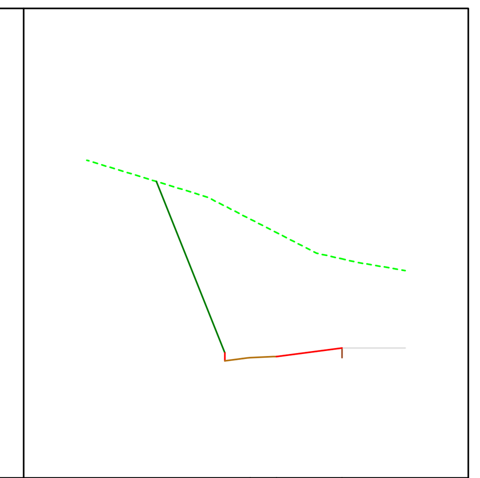
INDICATIVE

Path 3

Datum: 68.000M AOD

CHAINAGE ON CENTRELINE (m)	0.000	2.073	7.042
LEVELS ON CENTRELINE OF CARRIAGEWAY (m)	70.200	70.249	70.050
VERTICAL DESIGN ON CARRIAGEWAY CENTRELINE		G = -4.0%	
HORIZONTAL DESIGN ON CARRIAGEWAY CENTRELINE		L = 4.97m	
EXISTING LEVELS (m)		71.071	70.866
Final Surface (m)		70.249	69.900

Path 4



Datum: 68.000M AOD

CHAINAGE ON CENTRELINE (m)	0.000	2.073	7.261
LEVELS ON CENTRELINE OF CARRIAGEWAY (m)	69.900	69.918	70.050
VERTICAL DESIGN ON CARRIAGEWAY CENTRELINE		G = 2.6%	
HORIZONTAL DESIGN ON CARRIAGEWAY CENTRELINE		L = 5.19m	
EXISTING LEVELS (m)		71.877	71.460
Final Surface (m)		69.918	69.900

Path 5

Datum: 68.000M AOD

CHAINAGE ON CENTRELINE (m)	0.000	2.073	7.407
LEVELS ON CENTRELINE OF CARRIAGEWAY (m)	69.735	69.732	69.975
VERTICAL DESIGN ON CARRIAGEWAY CENTRELINE		G = 4.5%	
HORIZONTAL DESIGN ON CARRIAGEWAY CENTRELINE		L = 5.33m	
EXISTING LEVELS (m)		72.549	72.019
Final Surface (m)		69.732	69.975

Path 6

Datum: 68.000M AOD

CHAINAGE ON CENTRELINE (m)	0.000	2.073	7.591
LEVELS ON CENTRELINE OF CARRIAGEWAY (m)	69.420	69.384	69.225
VERTICAL DESIGN ON CARRIAGEWAY CENTRELINE		G = -2.9%	
HORIZONTAL DESIGN ON CARRIAGEWAY CENTRELINE		L = 5.52m	
EXISTING LEVELS (m)		71.540	71.035
Final Surface (m)		69.384	69.225

SCALE H 1:500
V1:100

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Manchester
Oxford
Welwyn Garden City

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01223 455385
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CLIENT:
WYLFA GREEN LIMITED

PROJECT:
Alaw Mon
Solar Farm

TITLE:
Proposed Access Path
Longitudinal Sections

STATUS:
FEASIBILITY

SCALE:	DATE:	DRAWN:	CHECKED:	APPROVED:
As Shown	16.10.23	NR	RR	JD

JOB NO:	DRAWING NO:	REVISION:
2010-026	PL04	-

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