

Level Datum = 1,000

CHAINAGE	EXISTING LEVELS	PROPOSED LEVEL
0+000	2.456	2.465
10+000	2.485	2.501
20+000	2.499	2.519
30+000	2.487	2.518
40+000	2.465	2.500
50+000	2.428	2.465
60+000	2.367	2.459
70+000	2.402	2.500
80+000	1.551	2.550
90+000	1.410	2.600
100+000	1.471	2.650
110+000	1.494	2.700
120+000	1.529	2.749
130+000	1.542	2.785
140+000	1.556	2.802
150+000	1.592	2.801
160+000	1.640	2.782
170+000	1.671	2.745
180+000	1.715	2.696
190+000	1.873	2.646
199+117	1.761	2.600

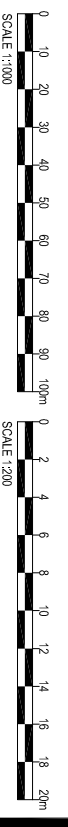
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CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
0+000	1.729	2.408
10+000	2.410	2.458
20+000	2.291	2.476
30+000	2.452	2.502
40+000	2.452	2.502
50+000	2.452	2.502
60+000	2.452	2.502
70+000	2.452	2.502
80+000	2.452	2.502
90+000	2.452	2.502
100+000	2.452	2.502
110+000	2.452	2.502
120+000	2.452	2.502
130+000	2.452	2.502
140+000	2.452	2.502
150+000	2.452	2.502

Level Datum = 1,000

CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
0+000	1.767	2.599
10+000	1.860	2.649
20+000	1.835	2.686
30+000	1.842	2.704
40+000	1.865	2.705
50+000	1.856	2.687
60+000	1.881	2.662
70+000	2.457	2.637
80+000	2.432	2.612
90+000	2.449	2.587
100+000	2.469	2.562
110+000	2.484	2.537
120+000	2.498	2.512
130+000	2.506	2.503
140+000	2.538	2.538
150+000	2.582	2.582

LONGITUDINAL SECTIONS
 (SCALE 1:1000H & 1:200V)



PROJECT
 WYLFA
 A5025 HIGHWAY IMPROVEMENTS
 CLIENT

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KEY
 PLANNING APPLICATION RED LINE BOUNDARY
 PROPOSED CARRIAGEWAY
 PROPOSED SEGREGATED FOOTWAY/CYCLEWAY
 PROPOSED SHARED USE FOOTWAY/CYCLEWAY
 PROPOSED VERGE
 PROPOSED EARTHWORKS SLOPES
 EXISTING WATERCOURSE
 PROPOSED ATTENUATION POND
 PROPOSED HIGHWAY BOUNDARY FENCE
 PROPOSED GATED PUA
 PROPOSED LAND DRAINAGE DITCH
 PROPOSED DRAINAGE DITCH DIVERSION

NOTES

- DRAWN AT SCALE 1:1000 @ A1.
- ALL EARTHWORKS BATTER SLOPES ARE SHOWN AT A 1:1 BATTER UNLESS OTHERWISE STATED.
- EXISTING GROUNDLEVELS AND LEVELS BASED ON TOPOGRAPHICAL SURVEY INFORMATION FROM RSK SURVEYS UNDERTAKEN IN DECEMBER 2014.
- THE PROPOSED CARRIAGEWAY WIDTH IS 7.2m WIDE WITH 1.0m HARDSTRIPS ON BOTH SIDES OF THE CARRIAGEWAY PROVIDING A 9.3m TOTAL PAVED WIDTH. ROAD ALIGNMENT GEOMETRY HAS BEEN DESIGNED IN ACCORDANCE WITH DMRB TD 983.
- ROUNDABOUT GEOMETRY DESIGNED IN ACCORDANCE WITH DMRB TD 1607.
- FOR DETAILS OF PROPOSED DRAINAGE REFER TO DRAWINGS WN02.05-ACM-S1-05-DRG-001 & 002.

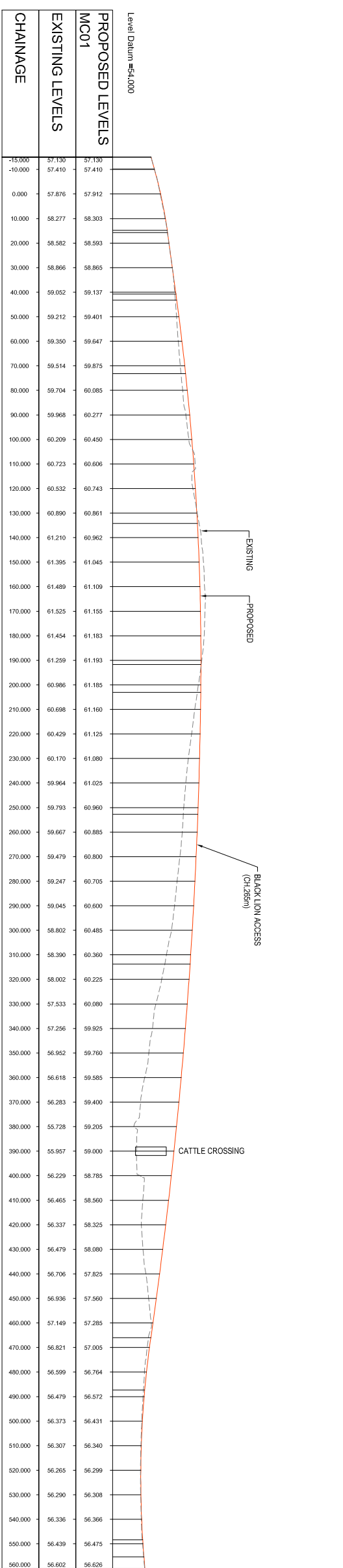
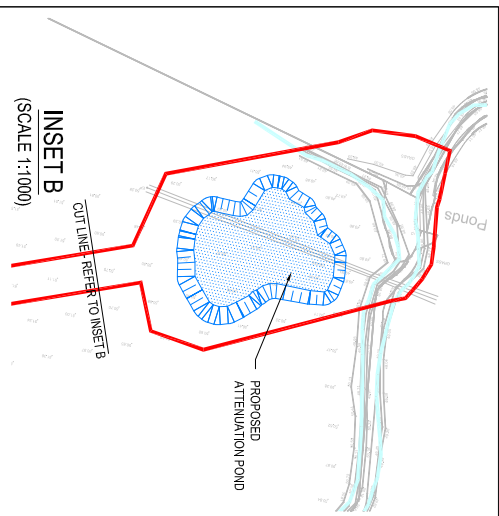
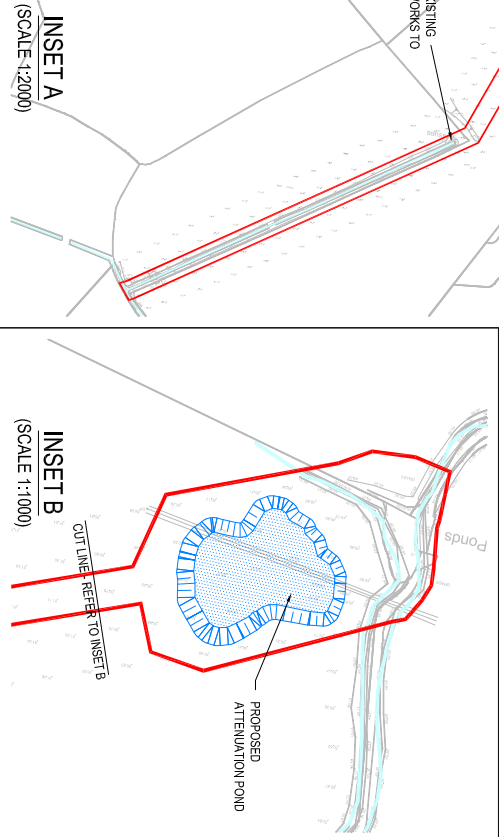
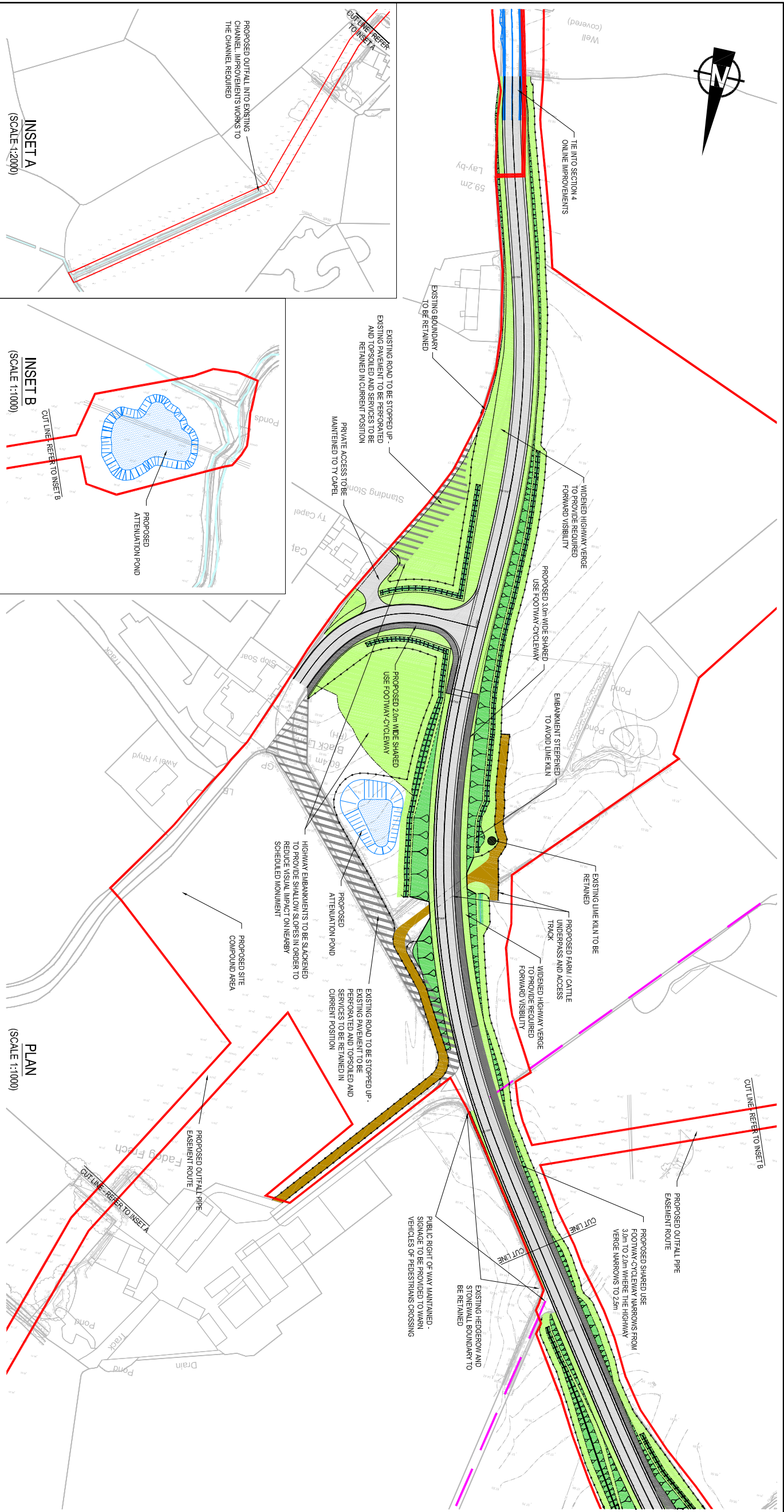
ISSUE/REVISION

NO.	DATE	DESCRIPTION
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J1R		DESCRIPTION

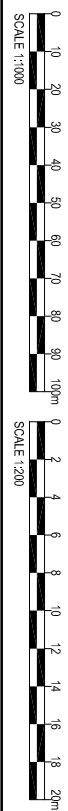
PROJECT NUMBER
47071078

SHEET TITLE
SECTION 1
PROPOSED GENERAL ARRANGEMENT
SHEET 1 OF 2

SHEET NUMBER
WN02.05-ACM-S1-00-DRG-101 P1



LONGITUDINAL SECTIONS (SCALE 1:1000H & 1:200V)



PROJECT
WYLFA
A5025 HIGHWAY IMPROVEMENTS
CLIENT



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KEY

- PLANNING APPLICATION RED LINE BOUNDARY
- PROPOSED CARRIAGEWAY
- PROPOSED SHARED USE FOOTWAY-CYCLEWAY
- PROPOSED VERGE
- PROPOSED EARTHWORKS SLOPES
- PROPOSED FARM ACCESS TRACK
- EXISTING WATERCOURSE
- PROPOSED ATTENUATION POND
- PROPOSED HIGHWAY BOUNDARY FENCE
- PROPOSED GATED PUA
- PROPOSED LAND DRAINAGE DITCH
- PROPOSED DRAINAGE DITCH DIVERSION

NOTES

1. DRAWN AT SCALE 1:1000 @ A1.
2. ALL EARTHWORKS BATTER SLOPES ARE SHOWN AT A GRADIENT OF 1 IN 2.5.
3. EXISTING GROUND LEVELS BASES ON TOPOGRAPHICAL SURVEY INFORMATION FROM BNSK SURVEYS.
4. UNDERPAVED OVERLAYS WITH 7.5m WIDE WITH 1.0m HANDSIPS ON BOTH SIDES OF THE CARRIAGEWAY PROVIDING A 9.5m TOTAL PAVED WIDTH. ROAD ALIGNMENT GEOMETRY HAS BEEN DESIGNED IN ACCORDANCE WITH DMRB TD 993.
5. ROUNDABOUT GEOMETRY DESIGNED IN ACCORDANCE WITH DMRB TD 1607.
6. FOR DETAILS OF PROPOSED DRAINAGE REFER TO DRAWINGS WN02-05-ACM-S5-00-DRG-101 & 102.

ISSUE/REVISION

PI	DATE	ISSUED FOR COMMENT	DESCRIPTION
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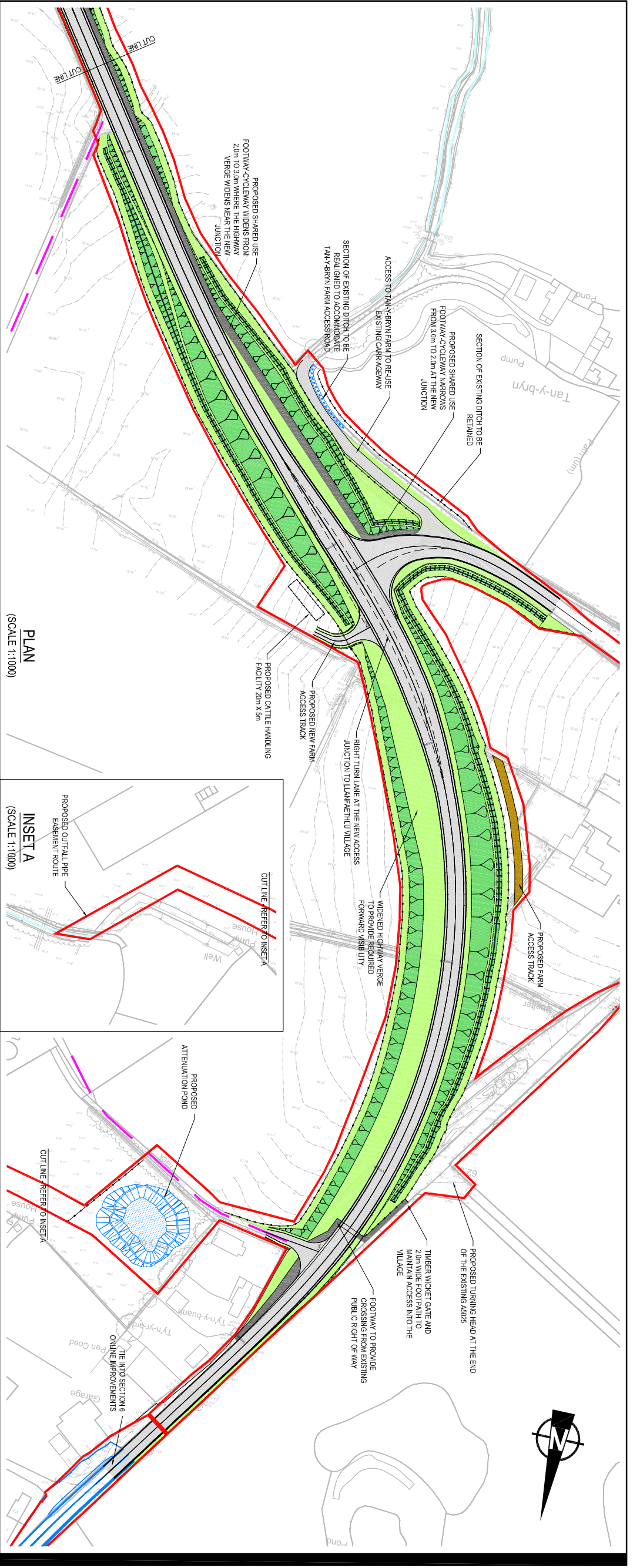
PROJECT NUMBER
47071078

SHEET TITLE
SECTION 5

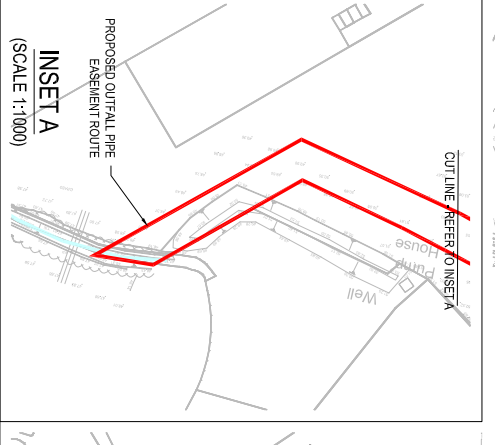
PROPOSED GENERAL ARRANGEMENT
SHEET 1 OF 2

SHEET NUMBER

WN02-05-ACM-S5-00-DRG-101 P1



PLAN
(SCALE 1:1000)



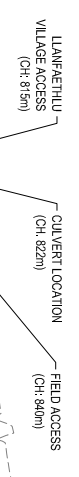
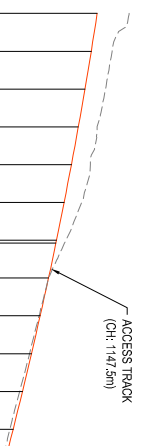
INSET A
(SCALE 1:1000)

Level Datum = 84.000

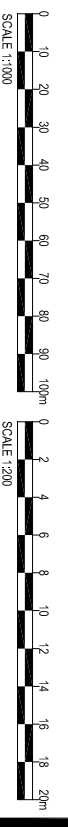
PROPOSED LEVELS	EXISTING LEVELS	CHAINAGE
56.602	56.626	560.000
56.765	56.769	570.000
56.876	56.894	580.000
56.980	57.000	590.000
57.046	57.100	600.000
57.130	57.200	610.000
57.214	57.300	620.000
57.334	57.417	630.000
57.463	57.584	640.000
57.548	57.800	650.000
57.606	58.067	660.000
57.405	58.383	670.000
57.023	58.750	680.000
56.571	59.157	690.000
56.464	59.553	700.000
56.512	59.931	710.000
56.676	60.290	720.000
57.120	60.632	730.000
57.594	60.955	740.000
57.949	61.260	750.000
58.322	61.547	760.000
58.544	61.816	770.000
59.077	62.066	780.000
59.534	62.299	790.000
60.235	62.513	800.000
61.034	62.709	810.000
61.936	62.887	820.000
62.625	63.046	830.000
63.281	63.188	840.000
64.024	63.311	850.000
64.512	63.416	860.000
65.019	63.503	870.000
65.315	63.572	880.000
65.808	63.622	890.000
65.900	63.655	900.000
66.264	63.669	910.000
66.551	63.665	920.000
66.826	63.643	930.000
66.951	63.602	940.000
67.012	63.544	950.000
67.018	63.467	960.000
66.984	63.372	970.000
66.757	63.259	980.000
66.532	63.128	990.000
65.853	62.976	1000.000
65.501	62.811	1010.000
65.694	62.625	1020.000
64.785	62.199	1040.000
64.308	61.958	1050.000
63.804	61.700	1060.000
63.247	61.423	1070.000
52.829	61.128	1080.000

Level Datum = 84.000

PROPOSED LEVELS	EXISTING LEVELS	CHAINAGE
61.128	62.825	1080.000
60.815	61.916	1090.000
60.484	61.569	1100.000
60.134	61.133	1110.000
59.767	60.767	1120.000
59.381	60.308	1130.000
58.977	59.475	1140.000
58.555	58.562	1150.000
58.114	58.053	1160.000
57.656	57.550	1170.000
57.179	57.030	1180.000
56.684	56.512	1190.000
56.171	56.032	1200.000
55.600	55.555	1210.000
55.218	55.168	1220.000
54.896	54.896	1230.000
54.686	54.635	1240.000
54.576	54.519	1250.000
54.521	54.467	1260.000
54.516	54.506	1270.000
54.532	54.532	1275.000



LONGITUDINAL SECTIONS
(SCALE 1:1000H & 1:200V)



PROJECT
 WYLFA
 A5025 HIGHWAY IMPROVEMENTS
 CLIENT



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KEY

(Red line)	PLANNING APPLICATION RED LINE BOUNDARY
(Grey line)	PROPOSED CARRIAGEWAY
(Light grey line)	PROPOSED SHARED USE FOOTWAY-CYCLEWAY
(Green line)	PROPOSED VERGE
(Dark green line)	PROPOSED EARTHWORKS SLOPES
(Yellow-green line)	PROPOSED FARM ACCESS TRACK
(Blue line)	EXISTING WATERCOURSE
(Light blue line)	PROPOSED ATTENUATION POND
(Dark blue line)	PROPOSED HIGHWAY BOUNDARY FENCE
(White line)	PROPOSED GATED PUA
(Blue hatched area)	PROPOSED LAND DRAINAGE DITCH
(Blue dashed line)	PROPOSED DRAINAGE DITCH DIVERSION

- NOTES**
- DRAWN AT SCALE 1:1000 @ A1.
 - ALL EARTHWORKS BATTER SLOPES ARE SHOWN AT A GRADIENT OF 1 IN 2.5.
 - EXISTING GROUND LEVELS BASED ON TOPOGRAPHICAL SURVEY INFORMATION FROM RISK SURVEYS UNDER TAKEN ON 09/05/16 BY WINDHIS 7.30 WIDE THRESHOLD OPERATED BY WINDHIS 7.30 WIDE WITH 1.0m HARDSHOPS ON BOTH SIDES OF THE CARRIAGEWAY PROVIDING A 8.3m TOTAL PAVED WIDTH ROAD ALIGNMENT GEOMETRY HAS BEEN DESIGNED IN ACCORDANCE WITH DIMB TD 993.
 - ROUNDABOUT GEOMETRY DESIGNED IN ACCORDANCE WITH DIMB TD 1607.
 - FOR DETAILS OF PROPOSED DRAINAGE REFER TO DRAWINGS WN02-05-ACM-S5-05-DRG-001 & 002.

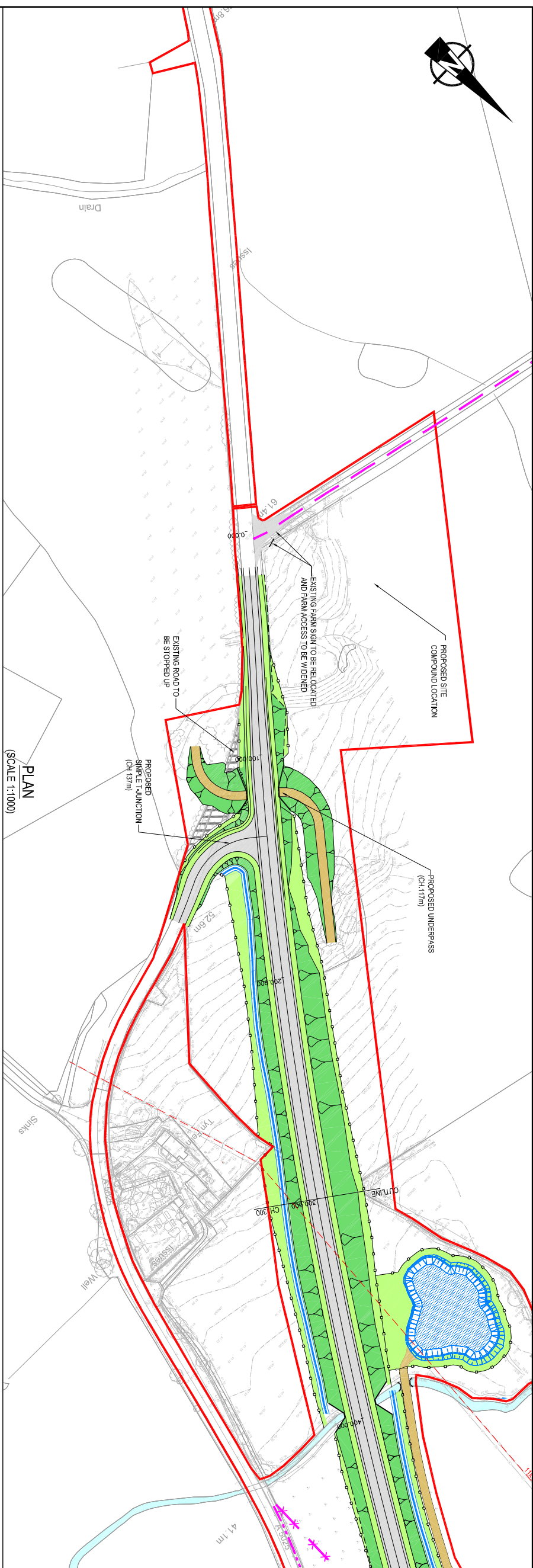
ISSUE/REVISION

NO	DATE	DESCRIPTION
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J1R		DESCRIPTION

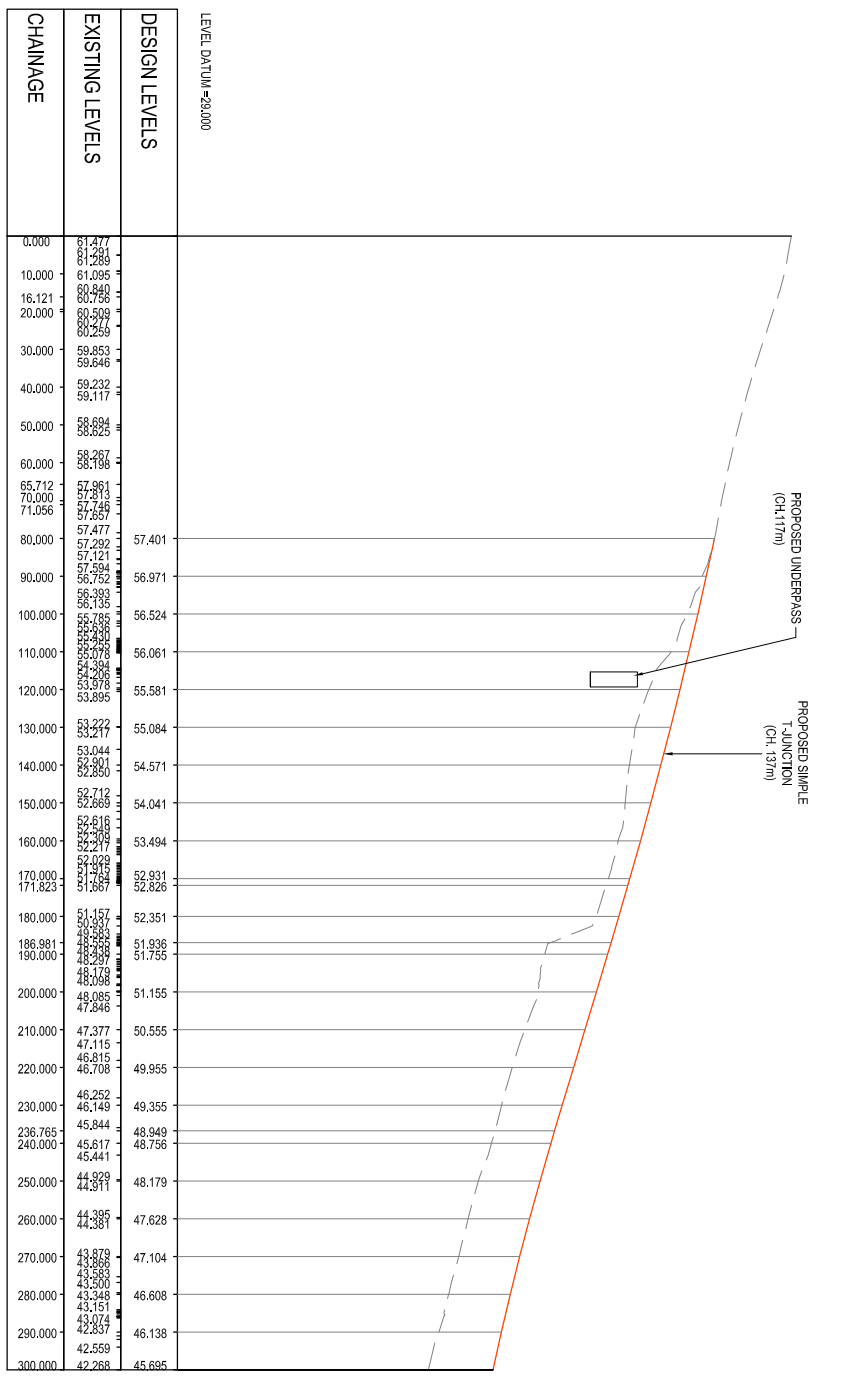
PROJECT NUMBER
 47071078

SHEET TITLE
 SECTION 5
 PROPOSED GENERAL ARRANGEMENT
 SHEET 2 OF 2

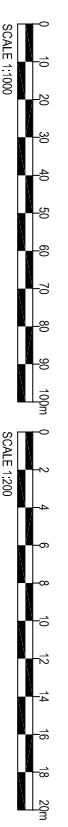
SHEET NUMBER
 WN02-05-ACM-S5-00-DRG-102 P1



PLAN
(SCALE 1:1000)



LONGITUDINAL SECTION
(CHAINAGE 0m - 300m)
(SCALE 1:1000H & 1:200V)



AECOM

PROJECT
 WYLFA
 A5025 HIGHWAY IMPROVEMENTS
 CLIENT

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KEY PLAN

- PLANNING APPLICATION RED LINE BOUNDARY
- PROPOSED CARRIAGEWAY
- PROPOSED SHARED USE FOOTWAY/CYCLEWAY
- PROPOSED VERGE
- PROPOSED EARTHWORKS SLOPES
- PROPOSED FARM ACCESS TRACK
- EXISTING WATERCOURSE
- PROPOSED ATTENUATION POND
- PROPOSED HIGHWAY BOUNDARY FENCE
- PROPOSED GATED PUA
- PROPOSED LAND DRAINAGE DITCH
- EXISTING PUBLIC RIGHT OF WAY (PROW)
- PROW TO BE STOPPED UP
- PROW DIVERSION

NOTES

1. DRAWN AT SCALE 1:1000 @ A1
2. ALL EARTHWORKS BATTER SLOPES ARE SHOWN AT A GRADIENT OF 1 IN 2.5
3. EXISTING GROUND LEVELS BASED ON TOPOGRAPHICAL SURVEY INFORMATION FROM 'RSK' SURVEYS UNDERTAKEN IN DECEMBER 2014. SURVEY O/S SURVEY UNDERTAKEN IN JUNE 2016 AND JACOBS SURVEY IN APRIL 2016.
4. THE PROPOSED CARRIAGEWAY WIDTH IS 7.2m WIDE WITH 1.0m HARDSTRIPS ON BOTH SIDES OF THE CARRIAGEWAY PROVIDING A 5.3m TOTAL PAVED WIDTH. ROAD ALIGNMENT GEOMETRY HAS BEEN DESIGNED IN ACCORDANCE WITH DMRB TD 983.
5. FOR DETAILS OF PROPOSED DRAINAGE REFER TO DRAWINGS WYN2.05-ACM-S7-SS-DWG-001, 002 & 003.

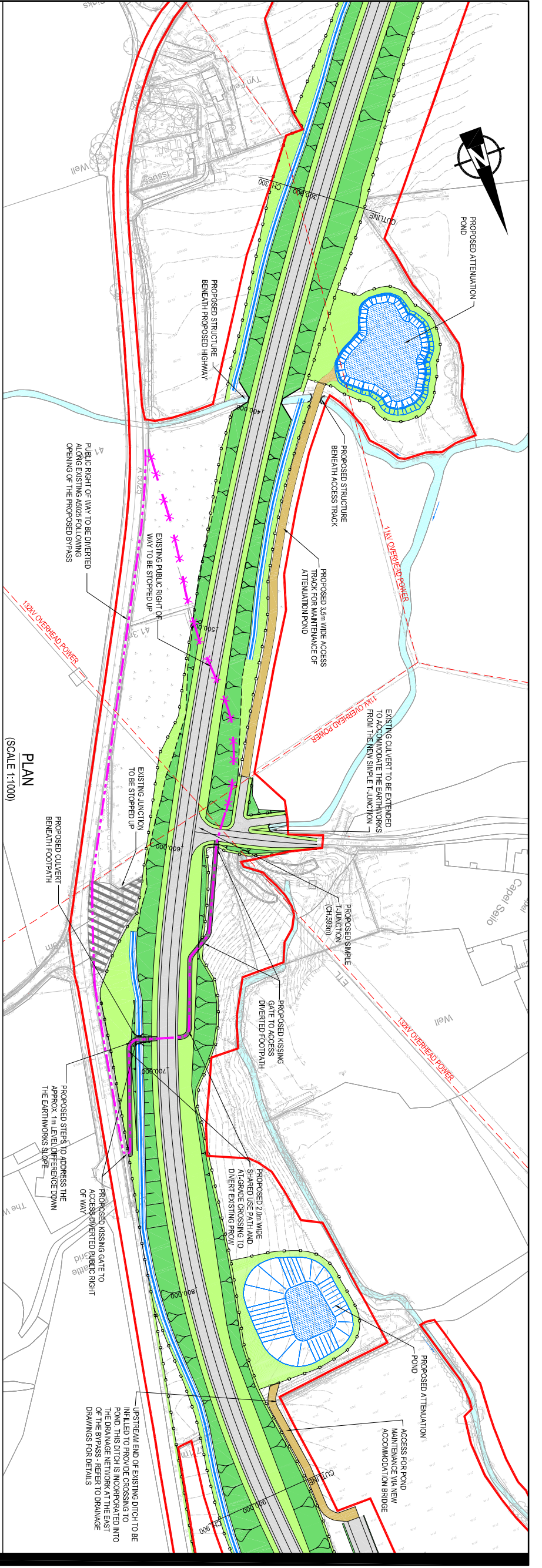
ISSUE/REVISION

NO.	DATE	DESCRIPTION
P1	09.12.16	ISSUED FOR COMMENTS

PROJECT NUMBER
47071078

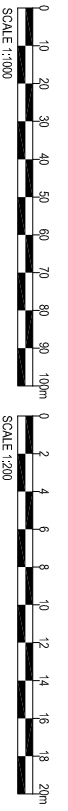
SHEET TITLE
SECTION 7
PROPOSED GENERAL ARRANGEMENT
SHEET 1 OF 3

SHEET NUMBER
WYN2.05-ACM-S7-00-DRG-101 P1



CHAINAGE	EXISTING LEVELS	DESIGN LEVELS	LEVEL DATUM -28.000
300.000	42.288	45.895	
310.000	41.757	45.280	
320.000	41.238	44.891	
330.000	40.950	44.530	
340.000	40.806	44.195	
350.000	40.722	43.888	
360.000	40.730	43.607	
370.000	40.516	43.354	
380.000	40.385	43.127	
390.000	39.784	42.928	
400.000	39.997	42.756	
410.000	40.024	42.610	
420.000	40.024	42.492	
430.000	40.024	42.401	
440.000	40.024	42.337	
450.000	40.024	42.299	
458.765	42.289	42.289	CHAINAGE=458.765m LEVEL=42.289m
460.000	42.289	42.289	
470.000	42.306	42.306	
478.969	42.344	42.344	CHAINAGE=478.969m LEVEL=42.344m
480.000	42.350	42.350	
490.000	42.394	42.394	
500.000	42.422	42.422	
510.000	42.433	42.433	
511.734	42.434	42.434	
520.000	42.428	42.428	
530.000	42.406	42.406	
540.000	42.367	42.367	
550.000	42.312	42.312	
560.000	42.240	42.240	
570.000	42.151	42.151	
580.000	42.045	42.045	
590.000	41.923	41.923	
600.000	41.784	41.784	
607.407	41.629	41.629	PROPOSED SIMPLE T-JUNCTION (CH.599m)
610.000	41.629	41.629	
620.000	41.457	41.457	
630.000	41.268	41.268	
639.642	41.070	41.070	
640.000	41.063	41.063	
650.000	40.841	40.841	
660.000	40.602	40.602	
670.000	40.346	40.346	
680.000	40.074	40.074	
690.000	39.785	39.785	
700.000	39.480	39.480	
710.000	39.158	39.158	
720.000	38.819	38.819	
730.000	38.464	38.464	
740.000	38.092	38.092	
750.000	37.703	37.703	
760.000	37.297	37.297	
770.000	36.875	36.875	
780.000	36.436	36.436	
790.000	35.981	35.981	
800.000	35.509	35.509	
800.252	35.497	35.497	
810.000	35.052	35.052	
820.000	34.645	34.645	
830.000	34.288	34.288	
840.000	33.980	33.980	
850.000	33.723	33.723	
860.000	33.516	33.516	
870.000	33.359	33.359	
880.000	33.252	33.252	
890.000	33.195	33.195	
890.184	33.184	33.184	
896.425	33.184	33.184	CHAINAGE=896.425m LEVEL=33.184m
900.000	33.184	33.184	

LONGITUDINAL SECTION
(CHAINAGE 300m - 900m)
(SCALE 1:1000H & 1:200V)



PROJECT
WYLFA
A5025 HIGHWAY IMPROVEMENTS
CLIENT



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KEY PLAN

- PLANNING APPLICATION RED LINE BOUNDARY
- PROPOSED CARRIAGEWAY
- PROPOSED SHARED USE FOOTWAY/CYCLEWAY
- PROPOSED VERGE
- PROPOSED EARTHWORKS SLOPES
- PROPOSED FARM ACCESS TRACK
- EXISTING WATERCOURSE
- PROPOSED ATTENUATION POND
- PROPOSED HIGHWAY BOUNDARY FENCE
- PROPOSED GATED PUA
- PROPOSED LAND DRAINAGE DITCH
- EXISTING PUBLIC RIGHT OF WAY (PROW)
- PROW TO BE STOPPED UP
- PROW DIVERSION

NOTES

1. DRAWN AT SCALE 1:1000 @ A1
2. ALL EARTHWORKS BATTER SLOPES ARE SHOWN AT A GRADIENT OF 1 IN 2.5
3. EXISTING GROUND LEVELS BASED ON TOPOGRAPHICAL SURVEY INFORMATION FROM RSK SURVEYS UNDERTAKEN IN DECEMBER 2014. SURVEY ORS SURVEY UNDERTAKEN IN JUNE 2016 AND JACOBS SURVEY IN APRIL 2016.
4. THE PROPOSED CARRIAGEWAY WIDTH IS 7.2m WIDE WITH 1.0m HARDSTrips ON BOTH SIDES OF THE CARRIAGEWAY PROVIDING A 5.3m TOTAL PAVED WIDTH. ROAD ALIGNMENT GEOMETRY HAS BEEN DESIGNED IN ACCORDANCE WITH DMRB TD 993.
5. FOR DETAILS OF PROPOSED DRAINAGE REFER TO DRAWINGS W02.05-ACM-S7-05-DWG-001, 002 & 003.

ISSUE/REVISION

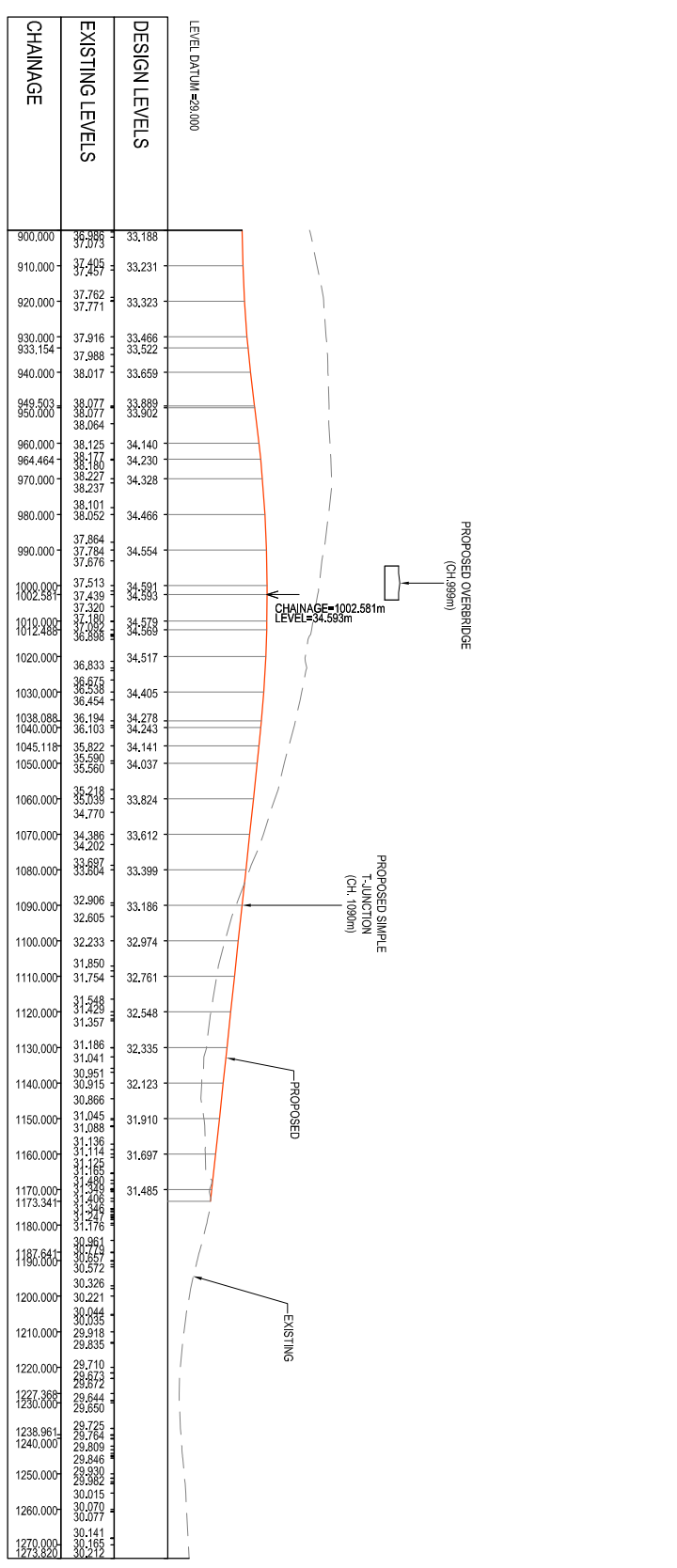
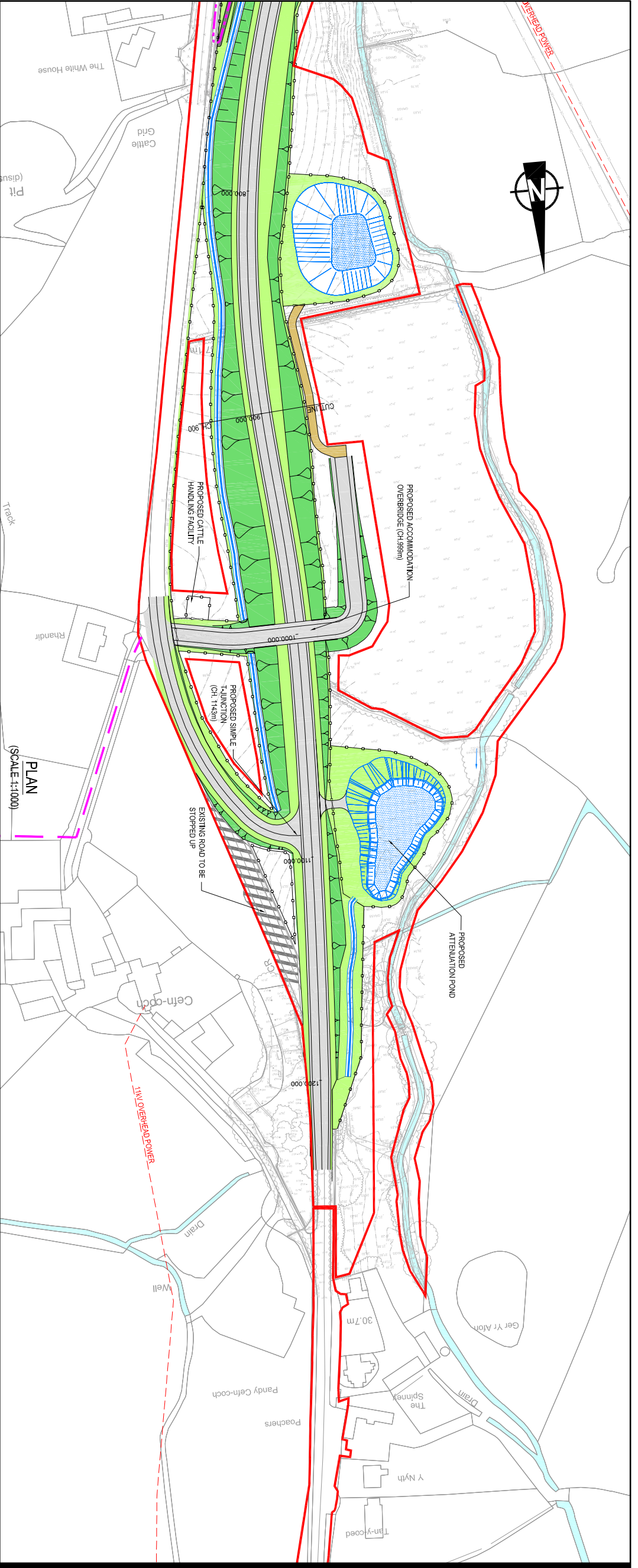
NO.	DATE	DESCRIPTION
P1	09.12.16	ISSUED FOR COMMENTS
JR		

PROJECT NUMBER
47071078

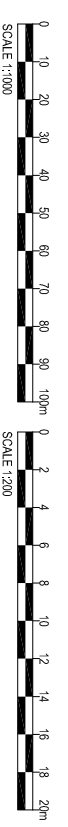
SHEET TITLE
SECTION 7

PROPOSED GENERAL ARRANGEMENT
SHEET 2 OF 3

SHEET NUMBER
W02.05-ACM-S7-00-DRG-102 P1



LONGITUDINAL SECTION
 (CHAINAGE 900m - 1273m)
 (SCALE 1:1000H & 1:200V)



PROJECT
 WYLFA
 A5025 HIGHWAY IMPROVEMENTS
 CLIENT



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KEY PLAN

- PLANNING APPLICATION RED LINE BOUNDARY
- PROPOSED CARRIAGEWAY
- PROPOSED SHARED USE FOOTWAY/CYCLEWAY
- PROPOSED VERGE
- PROPOSED EARTHWORKS SLOPES
- PROPOSED FARM ACCESS TRACK
- EXISTING WATERCOURSE
- PROPOSED ATTENUATION POND
- PROPOSED HIGHWAY BOUNDARY FENCE
- PROPOSED GATED PUA
- PROPOSED LAND DRAINAGE DITCH
- EXISTING PUBLIC RIGHT-OF-WAY (PROW)
- PROW TO BE STOPPED UP
- PROW DIVERSION

NOTES

1. DRAWN AT SCALE 1:1000 @ A1
2. ALL EARTHWORKS BATTER SLOPES ARE SHOWN AT A GRADIENT OF 1 IN 2.5
3. EXISTING GROUND LEVELS BASED ON TOPOGRAPHICAL SURVEY INFORMATION FROM RSK SURVEYS UNDERTAKEN IN DECEMBER 2014. SURVEYORS SURVEY UNDERTAKEN IN JUNE 2016 AND JACOBS SURVEY IN APRIL 2016.
4. THE PROPOSED CARRIAGEWAY WIDTH IS 7.2m WIDE WITH 1.0m HARDSTRIPS ON BOTH SIDES OF THE CARRIAGEWAY PROVIDING A 5.3m TOTAL PAVED WIDTH. ROAD ALIGNMENT GEOMETRY HAS BEEN DESIGNED IN ACCORDANCE WITH DMRB TD 983.
5. FOR DETAILS OF PROPOSED DRAINAGE REFER TO DRAWINGS WIN02.05-ACM-S7-05-DWG-001, 002 & 003.

ISSUE/REVISION

PI	DATE	ISSUED FOR COMMENT
P1	09.12.16	ISSUED FOR COMMENT

PROJECT NUMBER
 47071078

SHEET TITLE

SECTION 7
 PROPOSED GENERAL ARRANGEMENT
 SHEET 3 OF 3
SHEET NUMBER

WIN02.05-ACM-S7-00-DRG-103 P1