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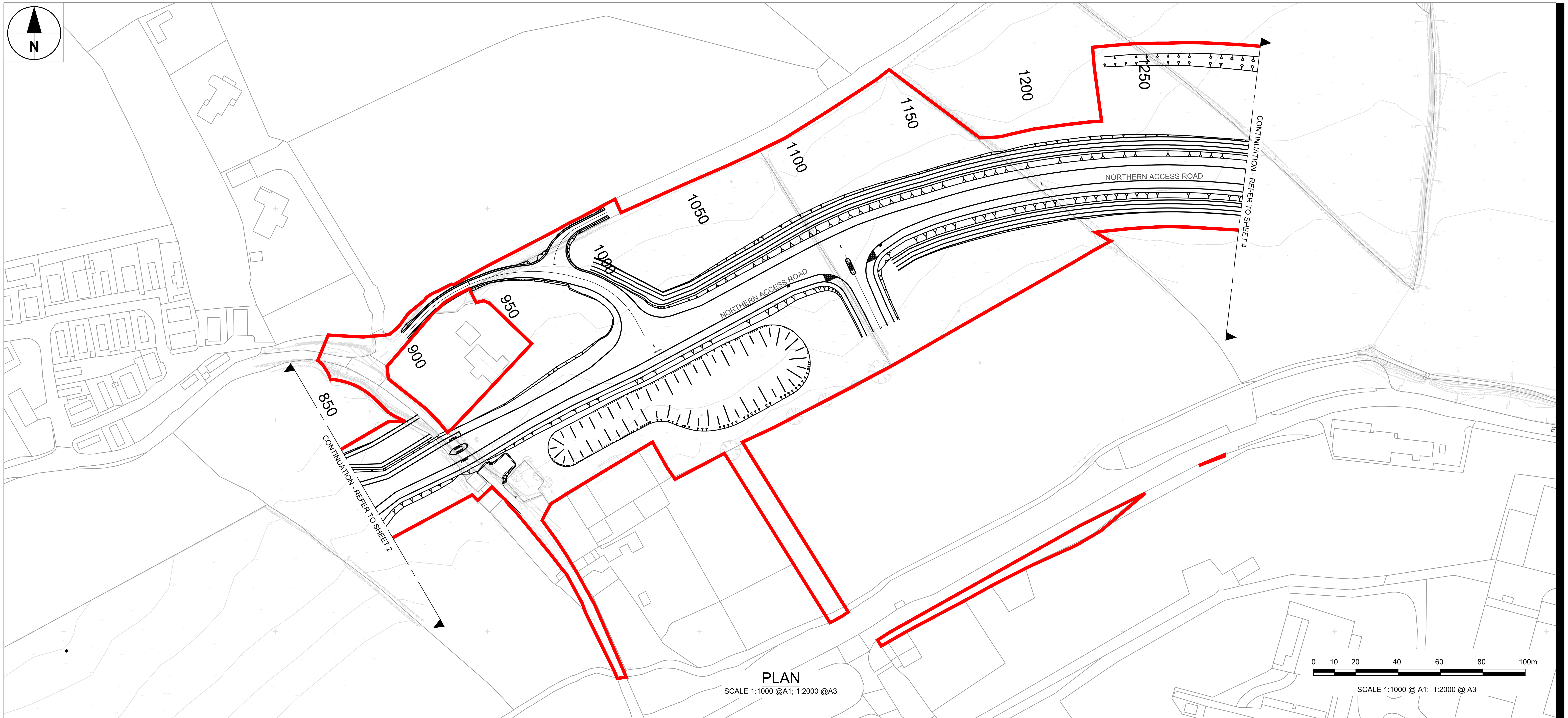
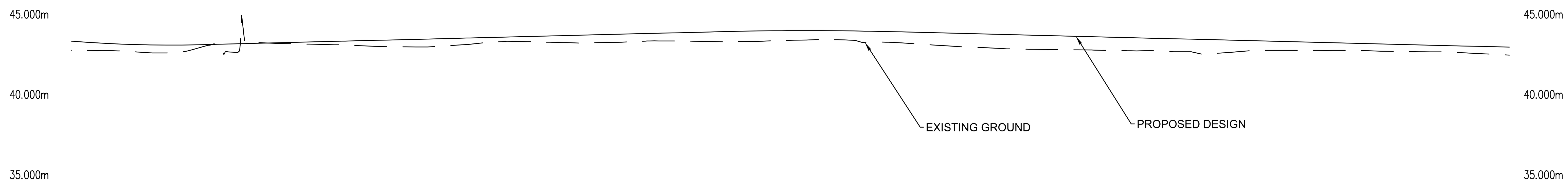


PLAN
SCALE 1:1000 @A1; 1:2000 @A3



Level Datum =31.000

CHAINAGE	850.000	860.000	870.000	880.000	890.000	900.000	910.000	920.000	930.000	940.000	950.000	960.000	970.000	980.000	990.000
DESIGN LEVELS	43.193	43.085	43.028	43.021	43.060	43.110	43.160	43.210	43.260	43.310	43.360	43.410	43.460	43.510	43.560
GRADIENT	−1.574	−1.074	−0.574	−0.074	0.395	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500	0.500
EXISTING LEVELS	42.684	42.653	42.533	42.593	43.099	43.215	43.119	43.074	43.022	42.943	42.907	42.936	43.071	43.233	43.221
EX LEVEL DIFF.	0.508	0.432	0.494	0.428	−0.039	−0.105	0.042	0.137	0.238	0.367	0.454	0.474	0.389	0.278	0.339

CHAINAGE	1000.000	1010.000	1020.000	1030.000	1040.000	1050.000	1060.000	1070.000	1080.000	1090.000	1100.000	1110.000	1120.000	1130.000	1140.000
DESIGN LEVELS	43.610	43.660	43.710	43.760	43.810	43.860	43.896	43.915	43.915	43.897	43.861	43.812	43.762	43.712	43.662
GRADIENT	0.500	0.500	0.500	0.500	0.500	0.495	0.367	0.185	0.003	−0.179	−0.360	−0.493	−0.500	−0.500	−0.500
EXISTING LEVELS	43.168	43.166	43.219	43.274	43.255	43.224	43.251	43.317	43.360	43.310	43.199	43.083	42.954	42.867	42.771
EX LEVEL DIFF.	0.443	0.494	0.492	0.486	0.555	0.636	0.646	0.598	0.555	0.587	0.662	0.728	0.807	0.845	0.891

CHAINAGE	1150.000	1160.000	1170.000	1180.000	1190.000	1200.000	1210.000	1220.000	1230.000	1240.000	1250.000	1260.000	1270.000	1280.000	1290.000
DESIGN LEVELS	43.612	43.562	43.512	43.462	43.412	43.362	43.312	43.262	43.212	43.162	43.112	43.062	43.012	42.962	42.912
GRADIENT	−0.500	−0.500	−0.500	−0.500	−0.500	−0.500	−0.500	−0.500	−0.500	−0.500	−0.500	−0.500	−0.500	−0.500	−0.500
EXISTING LEVELS	42.743	42.719	42.680	42.661	42.603	42.447	42.603	42.688	42.687	42.683	42.669	42.623	42.597	42.538	42.442
EX LEVEL DIFF.	0.869	0.843	0.832	0.800	0.808	0.914	0.708	0.573	0.524	0.479	0.442	0.439	0.415	0.424	0.469

HORIZONTAL GEOMETRY: STRAIGHT L=368.867m; 1067.500; A=9327.986 L=25.911m; 1093.411; R=360.000m L=390.330m

VERTICAL GEOMETRY: R=2000.000m L=48.203m; 886.473; G=0.500 L=161.201m; 1047.674; L=55.000m R=−5500.000m; 1102.675; L=271.170m G=−0.500

Superelevation

Superelevation: RHS & LHS=2.5%; 1067.500; 1093.411; LHS=2.5%

LONG SECTION
SCALE H = 1:1000; V = 1:200 @ A1

AECOM

PROJECT
ST. ATHAN NORTHERN ACCESS ROAD

CLIENT
WELSH GOVERNMENT

Llywodraeth Cymru
Welsh Government

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STATUS
PLANNING SUBMISSION ISSUE

ISSUE/REVISION

I/R	DATE	DESCRIPTION
B	23-05-2017	EARTHWORKS EXTENTS UPDATED
A	27-03-2017	PLANNING SUBMISSION ISSUE

KEY PLAN

PROJECT NUMBER
60509148

SHEET TITLE
ST.ATHAN
PLAN AND PROFILE
SHEET 3 OF 5

SHEET NUMBER
60509148-SHT-30-0000-CT-0603

ISO A1 594mm x 841mm
Project Management Initials: Designer: RG Checked: RM Approved: RM
Filename: P:\UKCDF1-TP\PROJECTS\HIGHWAYS - ST ATHAN\03 EXECUTION\03 DOCUMENTS\08 CAD\01 WORKING\DRAWINGS\0600 - EARTHWORKS\60509148-SHT-30-0000-CT-0601_605.DWG Last saved by: SHORTEE Last Plotted: 2017-05-24

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