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Project Management Initials: Designed: DHP Checked: TR Approved: NM ISO A0 841mm x 1189mm

NORTHERN ARC AVENUE CL-620.209
SCALE: H 1:200,V 1:200. DATUM: 17.500



Offset	-14.18	-11.90	-8.95	-3.25	0.00	3.25	7.95	10.27
Existing Level	23.520 23.594	23.665 23.665	23.799	24.063	24.206	24.344	24.575 24.575	24.703
Proposed Level	23.520 23.594	23.665	24.710	24.452	24.534	24.452	24.685	24.684
Level Difference	-0.074	0.000	0.911	0.390	0.327	0.109	0.120	-0.020

NORTHERN ARC AVENUE CL-640.000
SCALE: H 1:200,V 1:200. DATUM: 17.500



Offset	-13.13	-8.95	-3.25	0.00	3.25	7.95	9.67	
Existing Level	23.340	23.442	23.670	23.915	24.070	24.225	24.432 24.432	24.745
Proposed Level		23.442	24.897	24.632	24.714	24.632	24.872 24.872	
Level Difference		0.000	1.226	0.717	0.643	0.407	0.440 0.440	

NORTHERN ARC AVENUE CL-660.000
SCALE: H 1:200,V 1:200. DATUM: 17.500



Offset	-13.92	-9.00	-4.61	-3.25	0.00	3.25	4.61	8.00	9.66		
Existing Level	23.466	23.224	23.490	23.714	23.769	23.900	24.030	24.085	24.221	24.265	24.491
Proposed Level		23.224	24.923	24.717	24.661	24.742	24.661	24.717	24.898	24.265	
Level Difference		0.000	1.433	1.003	0.892	0.843	0.630	0.631	0.678	0.000	

NORTHERN ARC AVENUE CL-680.000
SCALE: H 1:200,V 1:200. DATUM: 17.500



Offset	-13.33	-8.95	-3.25	0.00	3.25	7.95	9.43	
Existing Level	23.241	23.274	23.430	23.677	23.819	23.952	24.135 24.135	24.406
Proposed Level		23.274	24.794	24.530	24.611	24.530	24.769 24.769	
Level Difference		0.000	1.364	0.853	0.793	0.578	0.634 0.634	

NORTHERN ARC AVENUE CL-596.644
SCALE: H 1:200,V 1:200. DATUM: 17.500



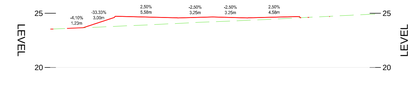
Offset	-14.17	-13.32	-12.16	-11.02	-8.95	-3.25	0.00	3.25	7.95	9.22
Existing Level	23.445 23.445	23.516 23.516	23.568	23.616	23.704	23.968	24.157	24.324	24.545 24.545	24.674
Proposed Level	23.441 23.441	23.729	23.563	23.616	24.365	24.226	24.307	24.226	24.340	24.654 24.654
Level Difference	0.004 -0.004	0.211	-0.004	0.000	0.661	0.257	0.150	-0.098	-0.205	0.000 0.000

NORTHERN ARC AVENUE CL-600.000
SCALE: H 1:200,V 1:200. DATUM: 17.500



Offset	-15.60	-14.45	-13.30	-12.29	-11.29	-10.29	-8.77	-7.77	-6.49	-5.49	-4.41	-3.26	-1.73	0.00	1.72	3.24	4.38	5.45	7.45	8.59	9.60	10.63	11.07
Existing Level	23.481 23.481	23.557 23.557	23.556	23.597	23.637	23.677	23.745	23.783	23.855	23.905	23.961	24.020	24.086	24.186	24.269	24.342	24.397	24.448	24.549	24.599	24.650	24.701	24.736
Proposed Level	24.094 24.094	24.169	24.169	24.191	24.214	24.236	24.270	24.283	24.283	24.343	24.368	24.395	24.434	24.477	24.434	24.396	24.434	24.470	24.503	24.509	24.451	24.473	24.503
Level Difference	0.650 -0.650	0.612	0.612	0.594	0.577	0.559	0.525	0.500	0.428	0.438	0.407	0.376	0.336	0.291	0.165	0.054	0.037	0.021	0.046	-0.090	-0.199	-0.228 -0.228	-0.233

NORTHERN ARC AVENUE CL-618.797
SCALE: H 1:200,V 1:200. DATUM: 17.500



Offset	-14.74	-13.18	-11.95	-8.95	-3.25	0.00	3.25	7.95	10.79
Existing Level	23.524 23.524	23.607 23.607	23.657	23.791	24.058	24.211	24.348	24.692 24.692	24.915
Proposed Level	23.524 23.524	23.607 23.607	24.717	24.717	24.570	24.651	24.570	24.692	24.688
Level Difference	0.000 0.000	0.000	0.926	0.512	0.441	0.222	0.117	-0.027	

NORTHERN ARC AVENUE CL-620.000
SCALE: H 1:200,V 1:200. DATUM: 17.500



Offset	-14.49	-11.91	-8.95	-3.25	0.00	3.25	7.95	10.79
Existing Level	23.572 23.572	23.645 23.645	23.788	24.062	24.207	24.344	24.588 24.588	24.706
Proposed Level	23.564 23.564	23.664	24.711	24.470	24.551	24.470	24.686	24.686
Level Difference	-0.008 0.008	0.000	0.913	0.408	0.344	0.125	0.120	-0.020

NORTHERN ARC AVENUE CL-540.000
SCALE: H 1:200,V 1:200. DATUM: 17.500



Offset	-9.93	-8.95	-3.25	0.00	3.25	7.95	9.90		
Existing Level	22.947	23.274	23.323	23.582	23.723	23.849	24.005	24.070	24.227
Proposed Level		23.228	23.806	23.341	23.422	23.341	23.581	24.070	
Level Difference		-0.046	0.282	-0.241	-0.300	-0.508	-0.425	0.000	

NORTHERN ARC AVENUE CL-560.000
SCALE: H 1:200,V 1:200. DATUM: 17.500



Offset	-10.20	-9.00	-3.25	0.00	3.25	6.00	8.00	10.10		
Existing Level	23.092	23.399	23.487	23.808	23.862	24.115	24.238	24.315	24.395	24.572
Proposed Level		23.399	23.858	23.617	23.698	23.617	23.708	23.855	24.395	
Level Difference		0.000	0.371	-0.191	-0.163	-0.498	-0.530	-0.461	0.000	

NORTHERN ARC AVENUE CL-580.000
SCALE: H 1:200,V 1:200. DATUM: 17.500



Offset	-10.74	-8.95	-3.25	0.00	3.25	7.95	9.68		
Existing Level	23.248	23.501	23.955	23.918	24.098	24.265	24.473	24.549	24.771
Proposed Level		23.501	24.157	23.893	23.974	23.893	24.132	24.549	
Level Difference		0.000	0.562	-0.025	-0.124	-0.372	-0.340	0.000	

NORTHERN ARC AVENUE CL-595.144
SCALE: H 1:200,V 1:200. DATUM: 17.500



Offset	-13.81	-11.07	-11.04	-8.95	-3.25	0.00	3.25	7.95	9.26
Existing Level	23.416 23.416	23.473 23.503	23.598	23.887	23.969	24.147	24.322	24.543 24.543	24.802
Proposed Level		23.473 23.503	23.598	24.355	24.102	24.183	24.102	24.330 24.604	24.604
Level Difference		0.002 -0.002	0.000	0.468	0.143	0.036	-0.221	-0.213 0.000	0.000

NORTHERN ARC AVENUE CL-460.000
SCALE: H 1:200,V 1:200. DATUM: 17.500



Offset	-11.17	-8.95	-3.25	0.00	3.24	10.96	11.22	
Existing Level	22.669	22.834	22.765	22.588	22.487	22.368	22.172 22.172	22.005
Proposed Level		22.834	22.253	21.988	22.070	21.988	22.393 22.393	
Level Difference		0.000	-0.512	-0.600	-0.417	-0.380	0.222 0.222	

NORTHERN ARC AVENUE CL-480.000
SCALE: H 1:200,V 1:200. DATUM: 17.500



Offset	-9.77	-8.95	-3.25	0.00	3.25	11.00	11.22	
Existing Level	22.979	22.843	22.825	22.739	22.690	22.635	22.566 22.566	22.565
Proposed Level		22.850 22.738		22.474	22.555	22.474	22.788 22.788	
Level Difference		0.007 -0.086		-0.265	-0.135	-0.161	0.222 0.222	

NORTHERN ARC AVENUE CL-500.000
SCALE: H 1:200,V 1:200. DATUM: 17.500



Offset	-8.95	-3.25	0.00	3.25	7.95	9.67	
Existing Level	22.701	22.811 22.811	22.806	22.863	22.919	23.017 23.017	23.117
Proposed Level		23.054 23.054	22.790	22.871	22.791	23.027 23.027	
Level Difference		0.243 0.243	-0.017	0.008	-0.128	0.010 0.010	

NORTHERN ARC AVENUE CL-520.000
SCALE: H 1:200,V 1:200. DATUM: 17.500



Offset	-10.14	-9.00	-6.00	-3.25	0.00	3.25	8.00	9.28	
Existing Level	22.701	22.888	22.918	23.030	23.130	23.247	23.354	23.476 23.500	23.668
Proposed Level		22.888	23.328	23.156	23.065	23.147	23.065	23.281 23.500	
Level Difference		0.000	0.410	0.126	-0.064	-0.101	-0.289	-0.195 0.000	

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AECOM

PROJECT

Brookleigh - Northern Arc avenue Central Section

CLIENT

Homes England

CONSULTANT

AECOM
MARLBOROUGH COURT
10 BRICKET ROAD
ST ALBANS, AL1 3JX, UK
Tel: +44 (0)1727 535 000
www.aecom.com

NOTES

1. Do not scale from the drawing
2. All levels shown are in meters Above Ordnance Datum (AOD) unless stated otherwise
3. This drawing is based upon topographical information by 4DSeven survey consultants, drawing 1520_P_Rev C dated August 2018 and an updated topograpical survey by Survey Solutions, drawing S089689NLS-01 dated September 2023.
4. It is the responsibility of the Contractor to confirm existing levels of the adjoining phases, e.g. Eastern and Western Bridge Link Road prior to commencement
5. Highway design remains subject to Section 38 Technical Approval by Highway Authority
6. This general arrangement is not to be used for construction. it is a composite drawing showing the spatial relationship between the proposed and existing features.
7. This drawing should be read in conjunction with all relevant documentation, drawings and standard details.
8. This drawing should be read with Key Plan drawing No. 60610807-ACM-CS-ZZ-DR-HW-00-0650

LEGEND

- Existing profile
- Proposed profile
- Indication provide surface water drainage

FOR APPROVAL

SUITABILITY

S4 FOR STAGE APPROVAL

ISSUE/REVISION

I/R	DATE	DESCRIPTION
P03	20/12/2024	FOR PLANNING SUBMISSION
P02	15/01/2024	FOR APPROVAL
P01	28/07/2023	FIRST ISSUE

PROJECT NUMBER

60610807

SHEET TITLE

ROAD CROSS SECTIONS
NORTHERN ARC AVENUE
SHEET 1

SHEET NUMBER

60610807-ACM-CS-ZZ-DR-HW-00-0651

Filename: C:\PW\MDR\ACM\ACM_DSR_LW_20250207253506\60610807 ACM-CS-ZZ-DR-HW-00-0650-0659.DWG
Last Saved by: PARKERD4 Last Plotted: 2024-12-10