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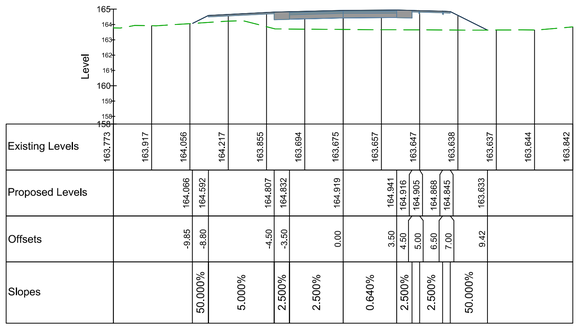
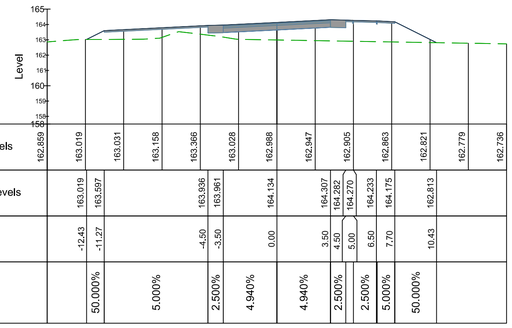
Notes

1. ALL DIMENSIONS ARE IN METERS UNLESS STATED OTHERWISE.



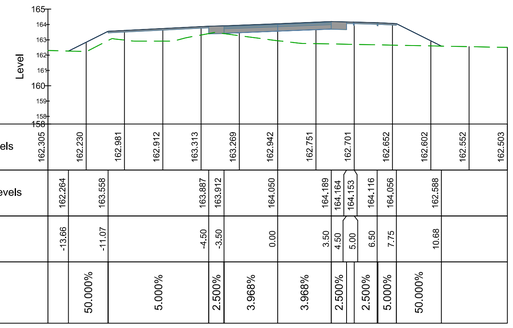
Existing Levels	163.773	163.917	164.056	164.217	163.855	163.694	163.675	163.657	163.647	163.638	163.637	163.644	163.842	
Proposed Levels			164.066	164.592		164.807	164.832	164.919	164.941	164.916	164.905	164.888	164.845	163.633
Offsets			-9.85	-8.80		-4.50	-3.50	0.00	3.50	4.50	5.00	6.50	7.00	9.42
Slopes			50.000%		5.000%		2.500%	2.500%	0.640%	2.500%		2.500%	50.000%	

Chainage 500.000



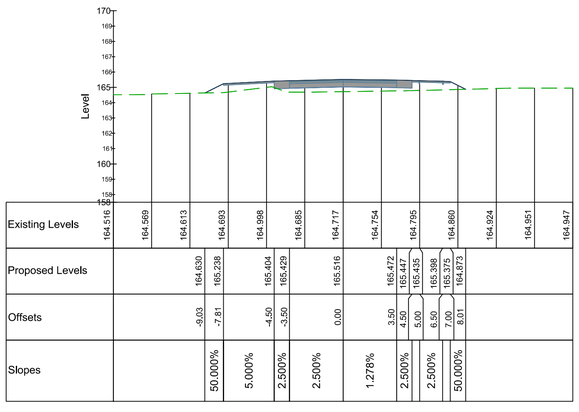
Existing Levels	162.859	163.019	163.031	163.158	163.366	163.028	162.988	162.947	162.905	162.863	162.821	162.779	162.736	
Proposed Levels		163.019	163.597		163.936	163.961	164.134	164.307	164.262	164.270	164.233	164.175	162.813	
Offsets		-12.43	-11.27		-4.50	-3.50	0.00	3.50	4.50	5.00	6.50	7.70	10.43	
Slopes		50.000%		5.000%		2.500%	4.940%	4.940%	2.500%	2.500%	5.000%	50.000%		

Chainage 545.456



Existing Levels	162.305	162.230	162.981	162.912	163.313	163.269	162.942	162.751	162.701	162.652	162.602	162.552	162.503	
Proposed Levels		162.264	163.558		163.887	163.912	164.050	164.189	164.164	164.153	164.116	164.056	162.588	
Offsets		-13.66	-11.07		-4.50	-3.50	0.00	3.50	4.50	5.00	6.50	7.75	10.68	
Slopes			50.000%		5.000%		2.500%	3.968%	3.968%	2.500%	2.500%	5.000%	50.000%	

Chainage 560.000



Existing Levels	164.516	164.569	164.613	164.693	164.998	164.685	164.717	164.754	164.795	164.860	164.924	164.951	164.947	
Proposed Levels			164.630	165.238		165.404	165.429	165.516	165.472	165.447	165.435	165.398	165.375	164.879
Offsets			-9.03	-7.81		-4.50	-3.50	0.00	3.50	4.50	5.00	6.50	7.00	9.01
Slopes			50.000%		5.000%		2.500%	2.500%	1.278%	2.500%		2.500%	50.000%	

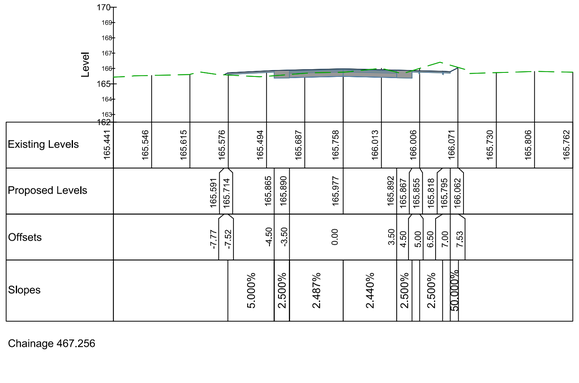
Chainage 480.000

Existing Levels	162.792	163.383	163.286	163.451	163.233	163.072	163.032	162.992	162.953	162.913	162.867	162.819	162.914	
Proposed Levels		163.320	163.669		164.004	164.029	164.186	164.343	164.318	164.307	164.269	164.212	162.860	
Offsets		-11.90	-11.20		-4.50	-3.50	0.00	3.50	4.50	5.00	6.50	7.70	10.40	
Slopes		50.000%		5.000%		2.500%	4.477%	4.477%	2.500%	2.500%	5.000%	50.000%		

Chainage 540.000

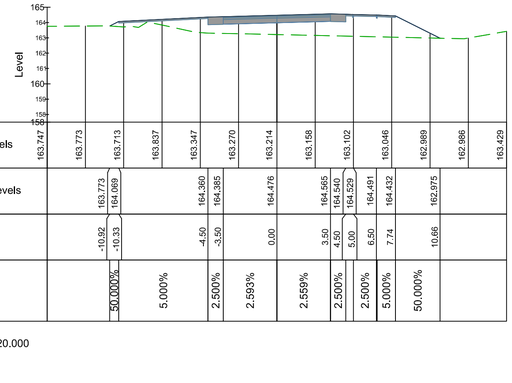
Existing Levels	162.525	162.678	162.760	162.930	163.117	163.034	162.938	162.895	162.853	162.810	162.768	162.724	162.680	
Proposed Levels		162.676	163.568		163.906	163.931	164.104	164.277	164.252	164.241	164.203	164.147	162.760	
Offsets		-13.06	-11.28		-4.50	-3.50	0.00	3.50	4.50	5.00	6.50	7.69	10.46	
Slopes			50.000%		5.000%		2.500%	4.940%	4.940%	2.500%	2.500%	5.000%	50.000%	

Chainage 549.243



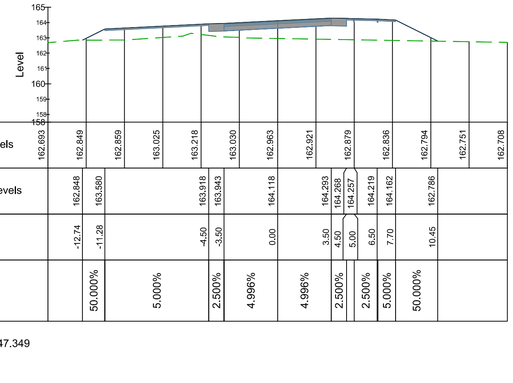
Existing Levels	165.441	165.546	165.615	165.576	165.494	165.687	165.758	166.013	166.006	166.071	165.730	165.806	165.762	
Proposed Levels			165.591	165.714		165.865	165.890	165.977	165.892	165.867	165.855	165.818	165.795	166.062
Offsets			-7.77	-7.52		-4.50	-3.50	0.00	3.50	4.50	5.00	6.50	7.00	7.53
Slopes					5.000%		2.500%	2.487%	2.440%	2.500%		2.500%	50.000%	

Chainage 467.256



Existing Levels	163.747	163.773	163.713	163.837	163.347	163.270	163.214	163.158	163.102	163.046	162.989	162.986	163.429	
Proposed Levels		163.773	164.069		164.360	164.385	164.476	164.565	164.540	164.529	164.491	164.432	162.975	
Offsets		-10.92	-10.33		-4.50	-3.50	0.00	3.50	4.50	5.00	6.50	7.74	10.66	
Slopes		50.000%		5.000%		2.500%	2.593%	2.559%	2.500%	2.500%	5.000%	50.000%		

Chainage 520.000



Existing Levels	162.693	162.849	162.859	163.025	163.218	163.030	162.963	162.921	162.879	162.836	162.794	162.751	162.708	
Proposed Levels		162.848	163.580		163.918	163.943	164.118	164.293	164.269	164.257	164.219	164.162	162.786	
Offsets		-12.74	-11.28		-4.50	-3.50	0.00	3.50	4.50	5.00	6.50	7.70	10.45	
Slopes			50.000%		5.000%		2.500%	4.996%	4.996%	2.500%	2.500%	5.000%	50.000%	

Chainage 547.349

Key to symbols

Rev	Date	Drawn	Description	Ch'k'd	App'd
A	25/07/14	ML	ALIGNMENT REVISED	MK	SW

becon
generating value from waste

Client

arc 21
sustainable waste management

arc 21
Walsh House
Fortwilliam Business Park
35 Dargan Road
Belfast BT3 9LZ

Title

ARC 21 RESIDUAL WASTE TREATMENT PROJECT
PROPOSED BOGHILL ROAD
CROSS SECTIONS – SHEET 4 OF 10

Designed	MK	13/08/12	Eng.Chk.	SW	13/08/12
Drawn	SV	13/08/12	Coordination	DMcF	13/08/12
Dwg.Chk.	DJM	13/08/12	Approved	SW	13/08/12
Scale @ A1 1:200		Project 5090959			Status T
		CAD file GE-C-BOG-XX-025-A.dwg			
Drawing No. GE-C-BOG-XX-025					Rev A