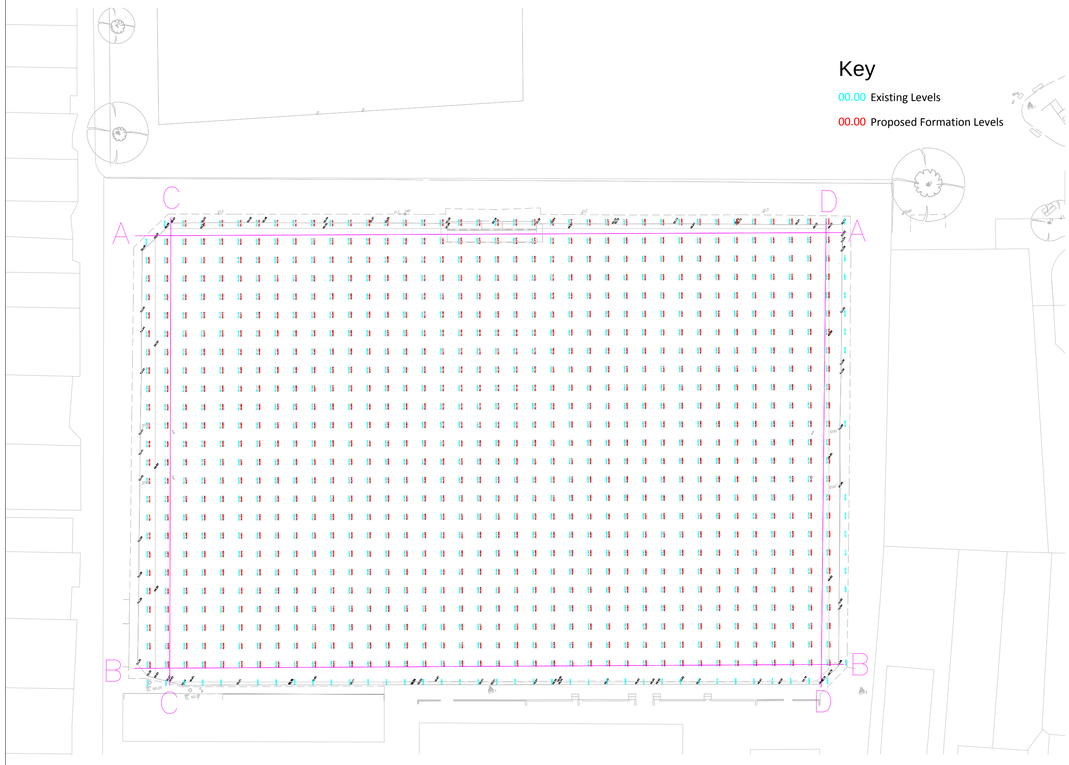
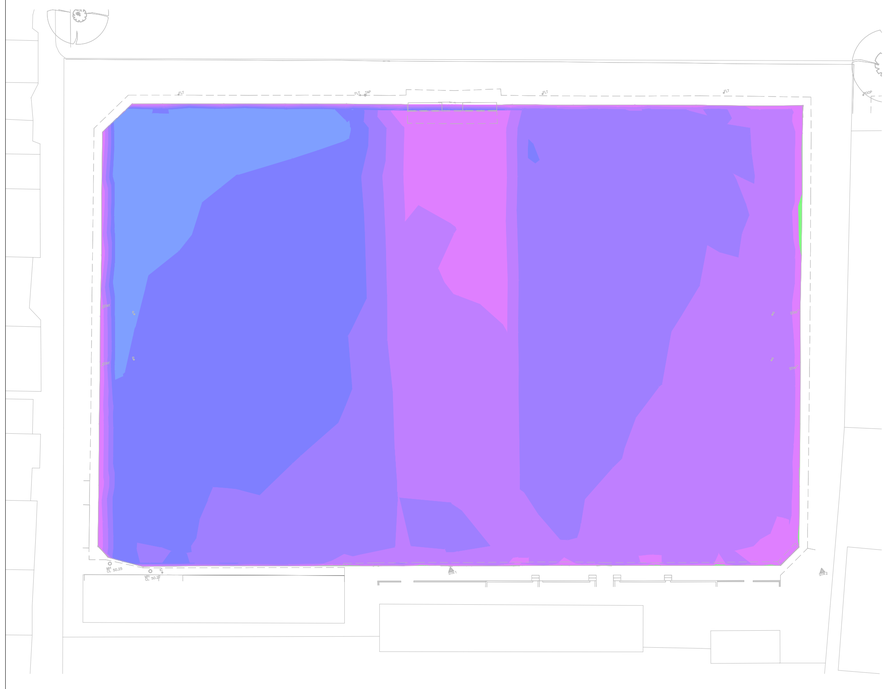
Sussex County FA

Artificial Turf Pitch



Proposed Formation Levels



Proposed Cut and Fill Calculations

CUT Depth Bands			
Band	1	−0.00 –	−0.10
Band	2	−0.10 –	−0.20
Band	3	−0.20 –	−0.30
Band	4	−0.30 –	−0.40
Band	5	−0.40 –	−0.50
FILL Depth Bands			
Band	1	0.00 –	0.10

---- Existing Level
---- Proposed Formation Level



CHAINAGE	0.000	1.676	3.353	10.000	15.000	20.000	25.000	30.000	35.000	40.000	45.000	50.000	55.000	60.000	65.000	70.000	75.000	80.000	85.000	90.000	95.000	100.000	105.000	110.000	115.000	115.667
EXISTING LEVELS – 250M	50.299	50.246		50.200	50.253	50.228	50.240	50.204	50.204	50.157	50.115	50.066	50.088	50.085	50.064	49.996	49.964	49.927	49.925	49.909	49.910	49.891	49.852	49.795	49.732	49.732
FORMATION LEVEL FOR TO	50.496	50.049		50.042	50.036	50.030	50.024	50.018	50.012	50.006	50.118	50.257	50.286	50.286	50.286	50.019	49.965	49.959	49.953	49.947	49.941	49.935	49.929	49.923	50.004	50.004

Cross Section A to A



---- Existing Level
---- Proposed Formation Level



CHAINAGE	0.000	5.000	10.000	15.000	20.000	25.000	30.000	35.000	40.000	45.000	50.000	55.000	60.000	65.000	70.000	75.000	80.000	85.000	90.000	95.000	100.000	105.000	110.000	115.000	115.333
EXISTING LEVELS – 250M	50.049	50.000	49.988	49.974	49.947	49.922	49.906	49.890	49.879	49.864	49.847	49.843	49.838	49.827	49.809	49.796	49.778	49.756	49.746	49.730	49.701	49.675	49.652	49.632	49.632
FORMATION LEVEL FOR TO	50.300	49.933	49.942	49.921	49.922	49.930	49.922	49.900	49.891	49.900	49.913	49.892	49.876	49.884	49.877	49.855	49.838	49.837	49.845	49.837	49.816	49.809	49.817	49.831	49.831

Cross Section B to B

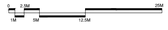


---- Existing Level
---- Proposed Formation Level



CHAINAGE	0.000	5.000	10.000	15.000	20.000	25.000	30.000	35.000	40.000	45.000	50.000	55.000	60.000	65.000	70.000	75.000	75.998
EXISTING LEVELS – 250M	50.268	50.230	50.206	50.192	50.186	50.167	50.157	50.147	50.136	50.120	50.089	50.067	50.047	50.030	50.011	49.998	50.001
FORMATION LEVEL FOR TO	50.509	50.044	50.036	50.028	50.019	50.011	50.003	49.994	49.986	49.978	49.972	49.961	49.953	49.944	49.945	49.933	49.933

Cross Section C to C

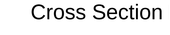


---- Existing Level
---- Proposed Formation Level



CHAINAGE	0.000	5.000	10.000	15.000	20.000	25.000	30.000	35.000	40.000	45.000	50.000	55.000	60.000	65.000	70.000	75.000	78.488
EXISTING LEVELS – 250M	49.798	49.841	49.830	49.819	49.793	49.810	49.778	49.756	49.768	49.757	49.754	49.730	49.712	49.690	49.633	49.632	49.666
FORMATION LEVEL FOR TO	50.023	49.915	49.906	49.897	49.911	49.880	49.870	49.872	49.882	49.844	49.835	49.827	49.830	49.817	49.812	49.831	49.831

Cross Section D to D



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NOTES

Approximate total area of topsoil stripped (250mm) = 8533sqm

Volume of topsoil material stripped from the development area = 2133m3

Volume of subsoil material to be Cut/Filled to produce the required formation level = 358m3

REV	DESCRIPTION	BY	CHK	DATE
00	TENDER ISSUE	WB		13.04.15

Surfacing Standards Limited
SPORTS PITCH CONSULTANTS

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TITLE
Sussex County FA
Artificial Turf Pitch
Formation Level Cut and Fill Calculations

PROJECT	SCALE	SIZE
SS1858	1:500	A1

DRAWING No	REVISION
04	00