Rev	Description	Date	Drawn	Checked

Drawing Approval Status:-

N/A Section 104 N/A Section 38 N/A Section 278

FOR TENDER

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Project:

Damgate, Holbeach

Drawing Description:

Highway Setting Out Details

Client:

Seagate Homes
Pudding Lane
Pinchbeck, Spalding
Lincolnshire
PE11 3TJ

Drawing Number: E4237/702

Client Reference:

Scale: 1:500 @ A1
1:1000 @ A3

Designed By:	Drawn By:	Checked By:
AG	MS	AG
Date: 19.02.24	Date: 19.02.24	Date: 19.02.24

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0 5m 10m 20m 30m 40m

Scale 1:500

N

Road 5

Chainage (m)	Easting (m)	Northing (m)	Curve/Straight
0.000	536637.873	324602.886	Start
2.750	536640.070	324604.540	IP at Channel
5.000	536642.114	324605.481	Straight
10.000	536646.656	324607.570	Straight
15.000	536651.199	324609.660	Straight
20.000	536655.741	324611.750	Straight
25.000	536660.284	324613.839	Straight
25.940	536661.137	324614.232	Tangent Point
30.000	536664.948	324615.619	Curve Radius 24.75
35.000	536669.871	324616.444	Curve
40.000	536674.860	324616.265	Curve
45.000	536679.710	324615.089	Curve
50.000	536684.226	324612.963	Curve
51.924	536685.836	324611.909	Tangent Point
55.000	536688.341	324610.125	Straight
60.000	536692.414	324607.225	Straight
65.000	536696.488	324604.325	Straight
65.253	536696.693	324604.178	Tangent Point
70.000	536700.367	324601.176	Curve Radius 35.75
75.000	536703.770	324597.519	Curve
80.000	536706.630	324593.422	Curve
85.000	536708.891	324588.967	Curve
90.000	536710.508	324584.241	Curve
95.000	536711.452	324579.334	Curve
96.257	536711.580	324578.085	Tangent Point
100.000	536711.897	324574.355	Straight
105.000	536712.321	324569.373	Straight
110.000	536712.744	324564.391	Straight
115.000	536713.168	324559.409	Straight
116.272	536713.276	324558.141	IP at Channel
119.022	536713.391	324555.394	End

Start of Phase 2

End of Phase 1

Road 1

Chainage (m)	Easting (m)	Northing (m)	Curve/Straight
0.000	536521.524	324517.854	Start
2.750	536524.188	324517.170	IP at Channel
5.000	536526.437	324517.220	Straight
10.000	536531.436	324517.331	Straight
15.000	536536.435	324517.441	Straight
20.000	536541.433	324517.552	Straight
25.000	536546.432	324517.663	Straight
30.000	536551.431	324517.773	Straight
35.000	536556.430	324517.884	Straight
40.000	536561.429	324517.995	Straight
45.000	536566.427	324518.105	Straight
50.000	536571.426	324518.216	Straight
55.000	536576.425	324518.326	Straight
60.000	536581.424	324518.437	Straight
65.000	536586.422	324518.548	Straight
70.000	536591.421	324518.658	Straight
75.000	536596.420	324518.769	Straight
80.000	536601.419	324518.879	Straight
85.000	536606.418	324518.990	Straight
90.000	536611.416	324519.101	Straight
94.243	536615.658	324519.195	Tangent Point
95.000	536616.415	324519.188	Curve Radius 12.250
100.000	536621.234	324517.989	Curve
105.000	536625.181	324514.977	Curve
110.000	536627.608	324510.845	Curve
113.563	536628.177	324507.140	Tangent Point
115.000	536628.200	324505.704	Straight
120.000	536628.279	324500.704	Straight
125.000	536628.357	324495.705	Straight
130.000	536628.436	324490.706	Straight
135.000	536628.514	324485.706	Straight
140.000	536628.593	324480.707	Straight
145.000	536628.671	324475.707	Straight
150.000	536628.750	324470.708	Straight
153.844	536628.810	324466.865	Tangent Point
155.000	536628.905	324465.713	Curve Radius 8.75
160.000	536630.977	324461.237	Curve
165.000	536635.141	324458.593	Curve
167.588	536637.697	324458.253	Tangent Point
170.000	536640.108	324458.291	Straight
175.000	536645.108	324458.370	Straight
180.000	536650.107	324458.448	Straight
185.000	536655.106	324458.527	Straight
190.000	536660.106	324458.605	Straight
195.000	536665.105	324458.684	Straight
196.234	536666.339	324458.703	Tangent Point
200.000	536670.083	324459.073	Curve Radius 22.75
205.000	536674.863	324460.505	Curve
210.000	536679.215	324462.945	Curve
215.000	536682.931	324466.276	Curve
220.000	536685.832	324470.336	Curve
225.000	536687.778	324474.931	Curve
225.617	536687.946	324475.524	Tangent Point
227.284	536688.381	324477.134	Tangent Point
230.000	536689.246	324479.706	Curve Radius 22.25
235.000	536691.629	324484.090	Curve
240.000	536694.929	324487.832	Curve
245.000	536698.980	324490.745	Curve
250.000	536703.579	324492.682	Curve
255.000	536708.493	324493.546	Curve
256.714	536710.206	324493.585	Tangent Point
260.000	536713.492	324493.534	Straight
265.000	536718.491	324493.457	Straight
268.962	536722.452	324493.396	Tangent Point
270.000	536723.490	324493.430	Curve Radius 10.75
275.000	536728.203	324494.959	Curve
280.000	536731.729	324498.440	Curve
285.000	536733.320	324503.132	Curve
285.848	536733.367	324503.978	Tangent Point
290.000	536733.431	324508.130	Straight
295.000	536733.508	324513.130	Straight
300.000	536733.586	324518.129	Straight
305.000	536733.663	324523.129	Straight
310.000	536733.740	324528.128	Straight
315.000	536733.817	324533.127	Straight
320.000	536733.895	324538.127	Straight
325.000	536733.972	324543.126	Straight
330.000	536734.049	324548.126	Straight
335.000	536734.126	324553.125	Straight
335.012	536734.127	324553.137	IP at Channel
337.762	536734.096	324555.887	End

End of Phase 1

Start of Phase 2

Road 2

Chainage (m)	Easting (m)	Northing (m)	Curve/Straight
0.000	536621.657	324517.776	Start
2.750	536622.943	324520.207	IP at Channel
5.000	536622.907	324522.457	Straight
10.000	536622.829	324527.456	Straight
15.000	536622.750	324532.455	Straight
20.000	536622.671	324537.455	Straight
25.000	536622.593	324542.454	Straight
29.541	536622.522	324546.995	Tangent Point
30.000	536622.519	324547.454	Curve Radius 23.75
35.000	536623.061	324552.415	Curve
40.000	536624.628	324557.153	Curve
45.000	536627.151	324561.459	Curve
50.000	536630.518	324565.143	Curve
55.000	536634.580	324568.043	Curve
60.000	536639.159	324570.029	Curve
65.000	536644.051	324571.014	Curve
67.332	536646.380	324571.118	Tangent Point
69.428	536648.476	324571.108	Tangent Point
70.000	536649.048	324571.101	Curve Radius 42.75
75.000	536654.030	324570.719	Curve
80.000	536658.934	324569.758	Curve
85.000	536663.692	324568.232	Curve
90.000	536668.240	324566.161	Curve
95.000	536672.515	324563.573	Curve
95.273	536672.739	324563.417	Tangent Point
99.197	536675.958	324561.171	Tangent Point
100.000	536676.621	324560.719	Curve Radius 37.25
105.000	536680.955	324558.234	Curve
110.000	536685.583	324556.352	Curve
115.000	536690.421	324555.105	Curve
120.000	536695.383	324554.518	Curve
124.349	536699.730	324554.551	Tangent Point
125.000	536700.379	324554.594	Straight
130.000	536705.368	324554.923	Straight
133.124	536708.486	324555.129	Tangent Point
135.000	536710.358	324555.244	Curve Radius 202.75
140.000	536715.353	324555.466	Curve
141.529	536716.882	324555.510	Tangent Point
145.000	536720.351	324555.595	Straight
150.000	536725.350	324555.717	Straight
152.023	536727.372	324555.767	Tangent Point
155.000	536730.348	324555.831	Curve Radius 502.75
160.000	536735.348	324555.899	Curve
165.000	536740.348	324555.918	Curve
170.000	536745.348	324555.886	Curve
175.000	536750.347	324555.805	Curve
180.000	536755.345	324555.675	Curve
185.000	536760.342	324555.494	Curve
190.000	536765.337	324555.264	Curve
195.000	536770.329	324554.984	Curve
200.000	536775.318	324554.655	Curve
205.000	536780.303	324554.276	Curve
210.000	536785.285	324553.847	Curve
215.000	536790.262	324553.369	Curve
216.244	536791.500	324553.243	Tangent Point
220.000	536795.236	324552.856	Straight
225.000	536800.209	324552.341	Straight
230.000	536805.182	324551.825	Straight
235.000	536810.156	324551.310	Straight
240.000	536815.129	324550.795	Straight
245.000	536820.103	324550.280	Straight
250.000	536825.076	324549.765	Straight
255.000	536830.049	324549.250	Straight
260.000	536835.023	324548.735	Straight
263.293	536838.298	324548.395	Tangent Point
265.000	536839.986	324548.142	Curve Radius 18.75
270.000	536844.706	324546.538	Curve
275.000	536848.836	324543.747	Curve
280.000	536852.086	324539.966	Curve
285.000	536854.223	324535.463	Curve
290.000	536855.099	324530.555	Curve
295.000	536854.650	324525.590	Curve
300.000	536852.909	324520.919	Curve
301.313	536852.251	324519.783	Tangent Point
305.000	536850.292	324516.659	Straight
307.085	536849.184	324514.893	Tangent Point
310.000	536847.644	324512.418	Curve Radius 397.25
315.000	536845.046	324508.146	Curve
320.000	536842.501	324503.842	Curve
325.000	536840.011	324499.507	Curve
330.000	536837.575	324495.140	Curve
335.000	536835.195	324490.743	Curve
339.258	536833.211	324486.975	Tangent Point
340.000	536832.869	324486.317	Straight
344.927	536830.598	324481.945	Tangent Point
345.000	536830.564	324481.880	Curve Radius 27.25
350.000	536828.690	324477.252	Curve
355.000	536827.692	324472.360	Curve
357.984	536827.529	324469.381	Tangent Point
358.660	536827.529	324468.706	Tangent Point
360.000	536827.445	324467.369	Curve Radius 10.75
365.000	536825.713	324462.727	Curve
370.000	536822.082	324459.355	Curve
375.000	536817.324	324457.970	Curve
375.546	536816.779	324457.956	Tangent Point
380.000	536812.325	324457.956	Straight
385.000	536807.325	324457.956	Straight
390.000	536802.325	324457.956	Straight
395.000	536797.325	324457.956	Straight
395.953	536796.371	324457.956	Tangent Point
400.000	536792.392	324458.593	Curve Radius 12.75
405.000	536788.065	324461.033	Curve
410.000	536784.999	324464.942	Curve
415.000	536783.659	324469.726	Curve
415.974	536783.621	324470.699	Tangent Point
420.000	536783.619	324474.725	Straight
425.000	536783.616	324479.725	Straight
430.000	536783.614	324484.725	Straight
431.733	536783.613	324486.458	Tangent Point
435.000	536783.803	324489.717	Curve Radius 27.75
440.000	536784.830	324494.604	Curve
444.408	536786.450	324498.698	Tangent Point
445.000	536786.711	324499.230	Straight
445.103	536786.757	324499.322	Tangent Point
450.000	536788.509	324503.888	Curve Radius 27.25
455.000	536789.426	324508.796	Curve
458.730	536789.517	324512.522	Tangent Point
459.628	536789.478	324513.419	Tangent Point
460.000	536789.462	324513.791	Curve Radius 202.75
465.000	536789.313	324518.789	Curve
470.000	536789.288	324523.788	Curve
475.000	536789.386	324528.787	Curve
480.000	536789.607	324533.782	Curve
485.000	536789.952	324538.770	Curve
489.454	536790.362	324543.206	Tangent Point
490.000	536790.418	324543.748	Straight
495.000	536790.933	324548.722	Straight
496.805	536791.119	324550.517	IP at Channel
499.555	536791.402	324553.253	End

End of Phase 1

Start of Phase 2

Road 3

Chainage (m)	Easting (m)	Northing (m)	Curve/Straight
0.000	536645.535	324571.107	Start
2.750	536645.450	324573.855	IP at Channel
5.000	536645.450	324576.105	Straight
10.000	536645.450	324581.105	Straight
13.109	536645.450	324584.214	Tangent Point
15.000	536645.381	324586.104	Curve Radius 25.75
20.000	536644.533	324591.023	Curve
25.000	536642.753	324595.687	Curve
29.734	536640.267	324599.708	Tangent Point
30.000	536640.107	324599.921	Straight
35.000	536637.099	324603.914	Straight
37.854	536635.382	324606.193	Tangent Point
40.000	536634.165	324607.961	Curve Radius 25.25
45.000	536631.941	324612.430	Curve
50.000	536630.641	324617.250	Curve
54.689	536630.305	324621.920	Tangent Point
55.000	536630.312	324622.231	Straight
60.000	536630.417	324627.230	Straight
60.531	536630.429	324627.761	Tangent Point
65.000	536630.484	324632.229	Curve Radius 252.75
70.000	536630.452	324637.229	Curve
75.000	536630.320	324642.227	Curve
80.000	536630.091	324647.222	Curve
85.000	536629.762	324652.211	Curve
90.000	536629.335	324657.192	Curve
93.769	536628.947	324660.942	Tangent Point
95.000	536628.812	324662.165	Straight
99.573	536628.308	324666.710	Tangent Point
100.000	536628.262	324667.135	Curve Radius 97.25
105.000	536627.861	324672.118	Curve
107.032	536627.772	324674.148	Tangent Point
109.389	536627.692	324676.504	Tangent Point
110.000	536627.670	324677.114	Curve Radius 87.75
115.000	536627.324	324682.102	Curve
120.000	536626.696	324687.061	Curve
125.000	536625.785	324691.977	Curve
130.000	536624.597	324696.833	Curve
135.000	536623.134	324701.613	Curve
138.944	536621.789	324705.320	Tangent Point
140.000	536621.406	324706.305	Straight
140.662	536621.167	324706.922	End

End of Phase 1

Start of Phase 2

Road 4

Road 6

Road 7

Public Open Space

Public Open Space

Private Drive

Private Drive

Private Drive

9m Easement to IDB Drain

Damgate

R= 6.0m
536636.7000E
324578.4274N

R= 6.0m
536654.2000E
324579.5165N

R= 6.0m
536704.0297E
324563.6039N

R= 6.0m
536721.5272E
324564.3761N

536619.8920E
324539.3108N

536625.3913E
324539.3972N

R= 6.0m
536614.0704E
324527.9115N

536602.7356E
324521.6417N

R= 6.0m
536631.6838E
324520.8323N

536602.8696E
324516.1433N

R= 9.5m
536615.9290E
324506.9475N

536625.5327E
324500.4256N

536631.0320E
324500.5121N

R= 6.0m
536637.5593E
324467.0022N

536626.2415E
324455.3229N

Water Level=1.68m
Surveyed on 09.02.2016

NOTES

1. The specification in all respects shall be in accordance with the current Development Road and Sustainable Drainage Specification and Construction publication in force in the county at the time of construction"

2. "The minimum longitudinal fall for highways, without channel blocks **shall** be 1 in 150 and with channel blocks 1 in 250

See Clause 10.1 of the Development Road and Sustainable Drainage Specification and Construction. In addition, ensure that the first section of any side road falls away from the road to which it is connecting. If general topography requires it to rise, this change of direction should take place after the first set of gullies. This is to ensure a 'false channel' with associated drainage problems is not created in the bellmouth of junctions.

3. "General deterioration of the existing highway/footway/verges created through construction of the new Section 38 Development will be reinstated to the Development Road and Sustainable Drainage Specification and Construction at the developers own cost and the agreement of the inspecting Highway and Flood Authority Officer."

4. "No private surface water shall discharge onto the adoptable highway."

5. "No private structural features shall overhang the adoptable highway."

6. "No private retaining walls exceeding 1.37 metres shall be within 3.66 metres of the highway boundary."

7. Any made ground beneath the line of the proposed highway should be removed and replaced with a suitably engineered fill. Please note the slightly elevated levels of contamination within the made ground on site.