

Site inspection / Dilapidation report

Countryside Properties – Proposed Development at Robert Hall Street, Ordsall.

Adjoining Footpaths



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Chapter 1. Introduction

1.1 Contact Details

Project Name:	Ordsall Development	Job No:	DR.CS.01
Client Name:	Countryside Properties	On Site Contact Name:	Kerim Jones
Location;	Robert Hall Street Ordsall Manchester	Contact Number:	07918259779

1.2 Background

The project consists of a deformation survey to circa 409 metres of footpath adjoining the proposed site on Zone A1.

1.3 Preliminary Discussion

We were asked by Kerim Jones of Countryside Properties to complete a physical walk through and produce a deformation report to the footpaths and kerbs along Robert Hall Street, Belfort Drive and Phoebe Street to the nearside footpath only.

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Chapter 2. Deflection measurements and Inspection

This section reports the measurements measured on site during the site visit and provides information on the visual inspection that took place.

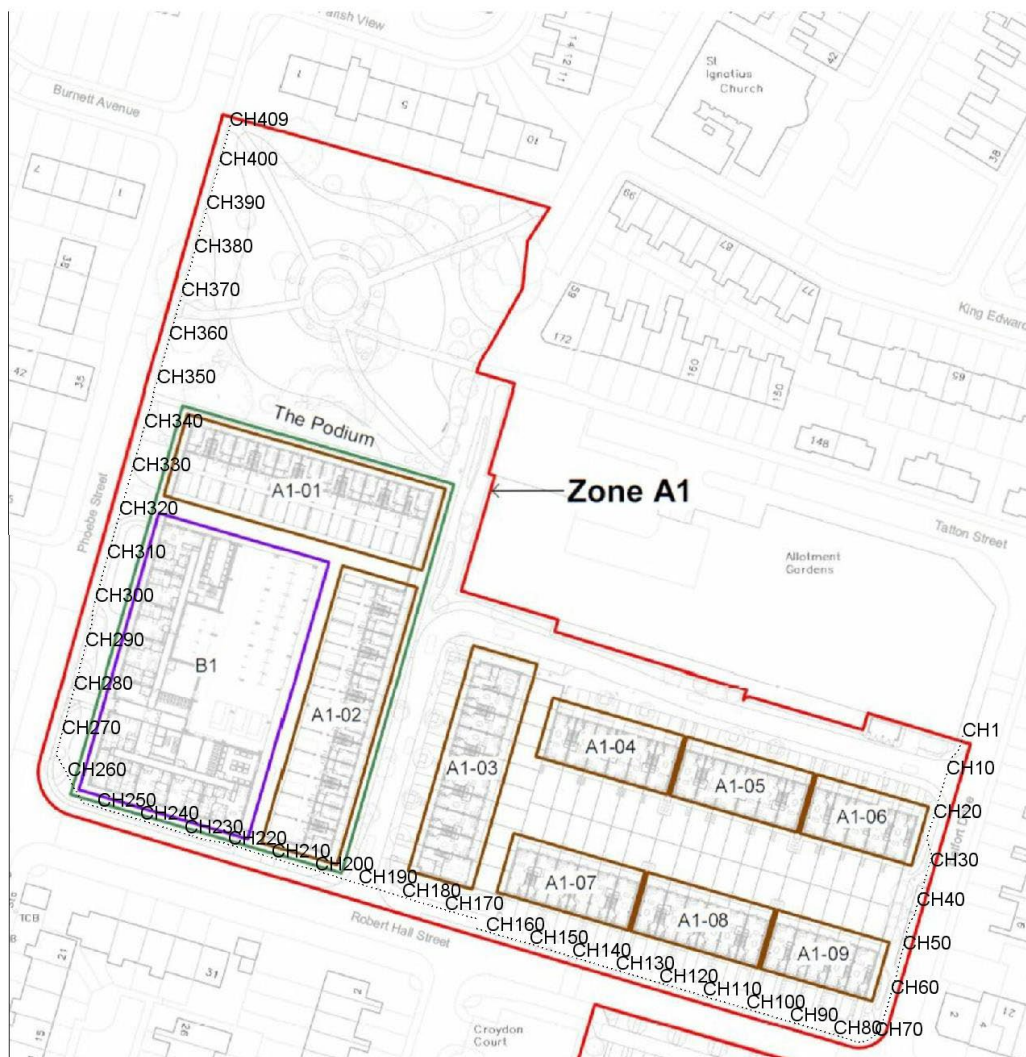
Pavement evaluations are conducted to determine functional and structural conditions of a highway section either for purposes of routine monitoring or planned corrective action.

What is considered an acceptable level will vary from each local authority. We will be highlighting surface subsidence, root lifting / bulging, cracks / chips, fall / run off on footpaths, uneven paving / surfacing, backfall, low points of holding water and anything else which is the change in the surface of the footpath from the intended construction profile.

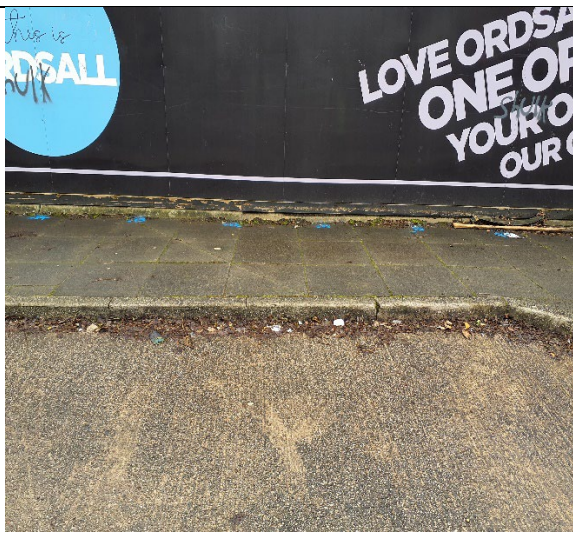


2.1 Deformation measurements

The deformation inspection was surveyed along changes to the footpath which are showed below, these chainages will be listed within the table of the defect items within the footpath.



2.2 Deformation Schedule – Zone A1

	Chainage 1-4 • Visible low points in footpath holding water. • Repair work been carried out and patch work visible.
	Chainage 4-8 • Low Point within the footpath. • Damage to Kerb Stones. • Backfall on the Paving Slabs.
	Chainage 9-14 • Uneven Paving Slabs. • Damage to Kerb pointing. • Damage to Kerb Stones. • Damage to Back edging.

	Chainage 10-25 • Damaged Paving Slabs. • Damaged Kerb Pointing. • Raised Iron Works. • Backfall on Footpath.
	Chainage 27-40 • Damage to Kerb Pointing. • Damage to Paving Slabs. • Low point in Paving Slabs holding water. • Damage to Kerb Stones.
	Chainage 40-47 • High and Low points in Kerb Stones. • Uneven Paving Slabs. • Patch work within footpath.



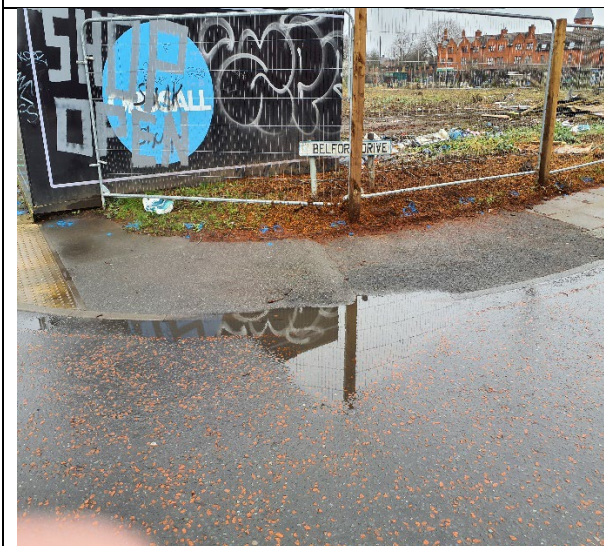
Chainage 55-60

- Damaged Kerb Stones.
- Patch work within area.
- Uneven Paving Slabs.
- Damaged Paving Slabs.
- High and Low points on Kerb Stones.



Chainage 64-68

- Damaged Kerb Pointing.
- Damaged Kerb Stones.
- Patch work.
- Uneven Paving Slabs.



Chainage 68-73

- Low Point Holding water insufficient Upstand on Kerb.
- Uneven Joints on the Tarmac.



Chainage 70-74

- Loose Tactile Paving Slabs.
- Damage to Kerb Stones.
- Pointing to Kerb Stones.



Chainage 78-90

- Damaged Paving Slabs.
- Damaged Kerb Stones.
- Damaged Kerb Pointing.
- Low Points Holding Water.



Chainage 105-122

- Uneven Paving Slabs.
- Damaged Paving Slabs.
- Paving Slabs sunk leaving top of kerb raised.
- Low points in footpath will hold water.



Chainage 114-122

- Low Points in footpath.
- Damaged Paving Slabs.
- Damaged Kerb Pointing.



Chainage 122-127

- Missing Tactile Paving Slabs for the crossing.
- Raised cover with damaged concrete.
- Low points in footpath.



Chainage 126-138

- Damaged Kerb Stones.
- Damaged Paving Slabs.
- Low points holding water.
- Raised cover.
- Damaged concrete around cover.

	Chainage 129-133 • Damaged Paving slabs. • Raised Cover. • Damaged concrete around cover.
	Chainage 135-140 • Damaged Kerb Stones. • Cracks in Tarmac. • Raised Tarmac from Tree roots. • Uneven Surface.
	Chainage 138-140 • Damage to Tactile Paving Slabs. • Raised Tarmac from Tree rooting. • Damaged Kerb Stones.



Chainage 147-150

- Damaged Kerb pointing.
- Damaged Tactile Paving Slabs.
- Uneven Tactile Paving Slabs.



Chainage 157-160

- Damaged Tactile Paving Slabs.



Chainage 163-169

- Uneven Paving Slabs.
- Damaged Paving Slabs.
- Low points Holding water.

	Chainage 171-180 • Damaged Kerb Pointing. • Uneven Tarmac on the joints. • Damaged edging Stones. • Damaged Paving Slabs.
	Chainage 178-182 • Damaged Kerb Stones. • High and low points within footpath holding water. • Patch work using different materials.
	Chainage 189-194 • Damaged Kerb Stones. • Uneven and Damaged Paving Slabs. • Patch work with different Materials. • High and low points.

	Chainage 194-198 • Damaged Kerb Stones. • Low points on the Kerb Stones. • Damaged and uneven Paving Slabs.
	Chainage 199-206 • Missing Tactile Paving Slabs. • Damaged Kerb stones. • Damaged Paving Slabs.
	Chainage 205-211 • Damaged Kerb Stones. • Damaged Paving Slabs. • Low points holding water. • Uneven Paving Slabs



Chainage 208-215

- Damaged Paving Slabs.
- High and low points.
- Holding Water.



Chainage 212-218

- Damage to Kerb Stones.
- Low Points on Kerb Stones.
- Pointing on Kerbs Damaged.



Chainage 232-249

- Damaged Kerb Pointing.
- Uneven Paving Slabs.
- Low points in Paving Slabs.



Chainage 235-239

- Damaged Kerb Stones.
- Damaged Kerb Pointing.
- Low Point in Kerb Stones.



Chainage 249-253

- Damaged Paving Slabs.
- Low Points in Footpath holding water.
- Patch working within Footpath.



Chainage 251-257

- Backfall on Footpath.
- Damaged Kerb Stones.
- Damaged Paving Slabs.
- Low Points holding Water.



Chainage 254-260

- Damaged Kerb Stones.
- Raised Iron work.



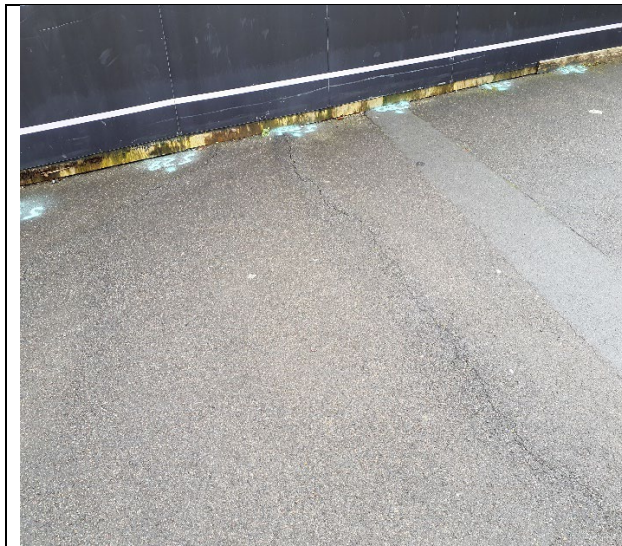
Chainage 256-257

- Raised Tarmac on the joint.
- Raised and damaged Tarmac Due to tree rooting.



Chainage 256-263

- Raised and Damaged Tarmac around the bollard.



Chainage 257-260

- Damaged and raised Tarmac Tree rooting.



Chainage 260-265

- Damaged Kerb Stones.



Chainage 263-267

- Damaged Kerb Stones.
- Low Points in the Kerb.



Chainage 267-282

- Damaged Kerb Stones.
- Damaged Kerb Pointing.
- Backfall on the Footpath.
- Low points within the Footpath.
- Uneven Paving Slabs.



Chainage 280-283

- Uneven and Damaged Paving Slabs.



Chainage 293-296

- Damaged Kerb Stones.
- Damaged Tactile Paving Slabs.
- Low Points in Footpath.



Chainage 295-300

- Damaged Kerb Stones.
- Footpath holding Water.



Chainage 301-312

- Damaged Kerb Stones.
- Slightly raised iron work.



Chainage 312-320

- Raised Iron work.
- Raised BT cover.
- Patch work around Stop tap is lower than the footpath.



Chainage 314-318

- Raised BT Cover.
- Damage to Kerb Stone.
- Low Points in the Kerb line.



Chainage 326-329

- Raised Tarmac in this area.



Chainage 349-353

- Damaged Edging Stones.
- Damaged Paving Slabs.



Chainage 353-355

- Damaged Tactile Paving Slabs.
- Damaged Paving Slabs.
- Low points in the footpath will hold water.



Chainage 362-364

- Damaged Kerb Stones.
- Damaged Paving Slabs.



Chainage 374-378

- Damaged Kerb Stones.
- Patch work in footpath.

	Chainage 379-381 • Damaged Kerb Stones. • Damaged Paving Slabs.
	Chainage 383-387 • Damaged Paving Slabs. • Damaged Patch work around BT Cover. • Damaged Kerb Stones. • Damaged Edging Stones.
	Chainage 397-407 • Damaged Kerb pointing. • Damaged Paving Slabs. • Uneven Paving Slabs



Chainage 406-409

- Damaged Paving Slabs.
- Uneven Paving Slabs.

Chapter 3. Discussion and Conclusion

3.1 Conclusion

The majority of adjoining footpath would require extensive works to repair and bring up to Footway and design standards (CD 239.) Kerbs / paving slabs are misaligned horizontally and vertically, trip hazards and footpath failing in multiple areas from patchwork and subsidence / root / load damage to paving and tarmac.

During this inspection report every possible effort has been made to ensure that the information is comprehensive and accurate. It is the opinion of SurveyEng Ltd that sufficient works has been carried out to get a complete picture of the state of the existing footways adjacent to site / zone A1.

Appendix 1

Raw measurement data – coordinates of chainages

CH1	381900.7	397606.8	32.593	CH104	381849.2	397547.9	31.746
CH2	381900.4	397605.6	32.584	CH105	381848.2	397548.2	31.717
CH3	381900.1	397604.6	32.618	CH106	381847.3	397548.4	31.7
CH4	381899.8	397603.7	32.551	CH107	381846.3	397548.7	31.716
CH5	381899.1	397602.8	32.524	CH108	381845.3	397549	31.698
CH6	381898.4	397602.2	32.525	CH109	381844.4	397549.3	31.69
CH7	381898	397601.2	32.467	CH110	381843.4	397549.6	31.679
CH8	381897.7	397600.3	32.459	CH111	381842.4	397549.9	31.676
CH9	381897.5	397599.3	32.459	CH112	381841.5	397550.2	31.663
CH10	381897.2	397598.4	32.447	CH113	381840.5	397550.5	31.645
CH11	381896.8	397597.4	32.453	CH114	381839.5	397550.7	31.617
CH12	381896.6	397596.5	32.448	CH115	381838.6	397551	31.623
CH13	381896.3	397595.5	32.458	CH116	381837.7	397551.3	31.622
CH14	381896	397594.6	32.461	CH117	381836.6	397551.6	31.603
CH15	381895.7	397593.6	32.448	CH118	381835.7	397551.9	31.609
CH16	381895.4	397592.6	32.452	CH119	381834.7	397552.2	31.584
CH17	381895.1	397591.7	32.466	CH120	381833.8	397552.5	31.544
CH18	381894.9	397590.7	32.459	CH121	381832.8	397552.7	31.519
CH19	381894.6	397589.7	32.489	CH122	381831.8	397553	31.539
CH20	381894.3	397588.8	32.456	CH123	381830.9	397553.3	31.518
CH21	381893.9	397587.8	32.507	CH124	381830	397553.6	31.488
CH22	381893.6	397586.8	32.5	CH125	381829	397553.9	31.494
CH23	381893.3	397585.9	32.502	CH126	381828	397554.1	31.491
CH24	381893	397584.9	32.499	CH127	381827.1	397554.4	31.513
CH25	381892.9	397583.9	32.501	CH128	381826.1	397554.7	31.492
CH26	381893.2	397582.9	32.473	CH129	381825.2	397555	31.479
CH27	381893.5	397581.9	32.447	CH130	381824.2	397555.2	31.509
CH28	381893.8	397580.9	32.415	CH131	381823.3	397555.6	31.493
CH29	381893.8	397579.8	32.435	CH132	381822.3	397555.8	31.48
CH30	381893.5	397578.9	32.413	CH133	381821.4	397556.1	31.467
CH31	381893.2	397578	32.46	CH134	381820.4	397556.4	31.492
CH32	381893	397577.1	32.452	CH135	381819.5	397556.7	31.492
CH33	381892.6	397576.1	32.425	CH136	381818.5	397557	31.507
CH34	381892.4	397575.1	32.422	CH137	381817.5	397557.3	31.511
CH35	381892.2	397574.6	32.398	CH138	381816.6	397557.6	31.532
CH36	381891.8	397573.2	32.387	CH139	381815.6	397557.8	31.536
CH37	381891.5	397572.2	32.38	CH140	381814.7	397558.1	31.506
CH38	381891.2	397571.3	32.387	CH141	381813.7	397558.4	31.479
CH39	381890.9	397570.3	32.383	CH142	381812.8	397558.7	31.473

CH40	381890.6	397569.3	32.4	CH143	381811.8	397559	31.468
CH41	381890.4	397568.4	32.399	CH144	381810.9	397559.3	31.474
CH42	381890.1	397567.4	32.357	CH145	381809.9	397559.6	31.472
CH43	381889.5	397566.5	32.344	CH146	381809	397559.9	31.468
CH44	381889	397565.6	32.304	CH147	381808	397560.2	31.488
CH45	381888.7	397564.6	32.266	CH148	381807.1	397560.5	31.462
CH46	381888.4	397563.7	32.24	CH149	381806.1	397560.8	31.44
CH47	381888.2	397562.7	32.099	CH150	381805.1	397561	31.392
CH48	381888	397561.7	32.069	CH151	381804.2	397561.3	31.407
CH49	381887.8	397560.7	32.066	CH152	381803.2	397561.6	31.415
CH50	381887.5	397559.8	32.049	CH153	381802.2	397561.8	31.424
CH51	381887.2	397558.8	32.048	CH154	381801.3	397562.1	31.406
CH52	381887	397557.8	32.046	CH155	381800.3	397562.4	31.404
CH53	381886.7	397556.9	32.062	CH156	381799.4	397562.7	31.398
CH54	381886.5	397555.9	32.071	CH157	381798.4	397562.9	31.432
CH55	381886.3	397554.9	32.206	CH158	381797.4	397563.2	31.433
CH56	381886.1	397553.9	32.197	CH159	381796.5	397563.5	31.459
CH57	381885.8	397552.9	32.185	CH160	381795.5	397563.8	31.452
CH58	381885.4	397552	32.176	CH161	381794.6	397564.1	31.452
CH59	381885.2	397551	32.145	CH162	381793.6	397564.4	31.446
CH60	381884.9	397550.1	32.139	CH163	381793.3	397566.7	31.516
CH61	381884.7	397549.1	32.097	CH164	381792.4	397566.8	31.44
CH62	381884.4	397548.1	32.084	CH165	381791.4	397567.1	31.434
CH63	381884.1	397547.2	32.069	CH166	381790.5	397567.4	31.442
CH64	381883.8	397546.2	32.059	CH167	381789.5	397567.7	31.432
CH65	381883.5	397545.3	32.053	CH168	381788.5	397567.9	31.439
CH66	381883.2	397544.3	32.053	CH169	381787.6	397568.2	31.424
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CH70	381881.3	397540.8	32.006	CH173	381783.8	397569.4	31.505
CH71	381880.6	397540.3	32.009	CH174	381782.8	397569.6	31.529
CH72	381879.7	397539.8	31.995	CH175	381781.8	397569.9	31.54
CH73	381878.8	397539.4	32.026	CH176	381780.9	397570.2	31.533
CH74	381877.9	397539.4	32.01	CH177	381779.9	397570.5	31.551
CH75	381876.9	397539.6	31.988	CH178	381779	397570.8	31.515
CH76	381876.1	397539.8	31.998	CH179	381778	397571.1	31.535
CH77	381875.2	397540.1	32.003	CH180	381777.1	397571.4	31.545
CH78	381874.2	397540.4	31.999	CH181	381776.1	397571.7	31.561
CH79	381873.2	397540.7	32.013	CH182	381775.2	397572	31.561
CH80	381872.3	397541	32.031	CH183	381774.2	397572.3	31.448
CH81	381871.3	397541.2	31.977	CH184	381773.3	397572.6	31.446
CH82	381870.3	397541.6	32.001	CH185	381772.3	397572.9	31.465
CH83	381869.4	397541.9	31.984	CH186	381771.4	397573.2	31.439
CH84	381868.4	397542.2	31.97	CH187	381770.4	397573.4	31.47
CH85	381867.4	397542.5	31.973	CH188	381769.4	397573.7	31.465

CH86	381866.5	397542.7	31.945	CH189	381768.5	397574	31.483
CH87	381865.5	397543	31.917	CH190	381767.5	397574.3	31.617
CH88	381864.6	397543.3	31.928	CH191	381766.6	397574.6	31.622
CH89	381863.6	397543.6	31.899	CH192	381765.6	397574.9	31.628
CH90	381862.6	397543.9	31.891	CH193	381764.6	397575.1	31.632
CH91	381861.7	397544.2	31.886	CH194	381763.7	397575.4	31.646
CH92	381860.8	397544.4	31.88	CH195	381762.7	397575.7	31.645
CH93	381859.7	397544.7	31.866	CH196	381761.8	397576	31.656
CH94	381858.8	397545	31.864	CH197	381760.8	397576.4	31.627
CH95	381857.8	397545.3	31.865	CH198	381759.9	397576.6	31.625
CH96	381856.9	397545.6	31.844	CH199	381758.9	397576.9	31.606
CH97	381855.9	397545.9	31.823	CH200	381758	397577.3	31.625
CH98	381855	397546.1	31.82	CH201	381757	397577.5	31.625
CH99	381854	397546.4	31.829	CH202	381756	397577.7	31.605
CH100	381853	397546.7	31.822	CH203	381755	397578	31.606
CH101	381852.1	397547	31.812	CH204	381754	397578.2	31.623
CH102	381851.1	397547.3	31.785	CH204	381754	397578.2	31.623
CH103	381850.2	397547.6	31.776				

CH205	381753.1	397578.5	31.631	CH307	381711.2	397643.1	32.186
CH206	381752.1	397578.8	31.636	CH308	381711.5	397644.1	32.169
CH207	381751.2	397579.1	31.652	CH309	381711.8	397645	32.188
CH208	381750.2	397579.4	31.654	CH310	381712	397646	32.204
CH209	381749.3	397579.7	31.667	CH311	381712.3	397647	32.229
CH210	381748.3	397580	31.668	CH312	381712.6	397647.9	32.236
CH211	381747.3	397580.3	31.659	CH313	381712.9	397648.9	32.24
CH212	381746.4	397580.6	31.653	CH314	381713.1	397649.8	32.265
CH213	381745.5	397580.9	31.648	CH315	381713.4	397650.8	32.295
CH214	381744.5	397581.2	31.642	CH316	381713.7	397651.8	32.309
CH215	381743.5	397581.5	31.647	CH317	381713.9	397652.8	32.304
CH216	381742.6	397581.8	31.642	CH318	381714.2	397653.7	32.427
CH217	381741.7	397582.1	31.644	CH319	381714.5	397654.7	32.466
CH218	381740.7	397582.4	31.647	CH320	381714.8	397655.6	32.487
CH219	381739.7	397582.7	31.645	CH321	381715	397656.4	32.485
CH220	381738.8	397582.9	31.636	CH322	381715.3	397657.6	32.483
CH221	381737.8	397583.3	31.659	CH323	381715.6	397658.5	32.508
CH222	381736.8	397583.5	31.659	CH324	381715.9	397659.5	32.534
CH223	381735.8	397583.6	31.652	CH325	381716.1	397660.5	32.572
CH224	381734.8	397583.8	31.653	CH326	381716.4	397661.4	32.596
CH225	381733.8	397583.9	31.618	CH327	381716.7	397662.4	32.634
CH226	381732.8	397584.2	31.631	CH328	381717	397663.3	32.644
CH227	381731.8	397584.5	31.625	CH329	381717.2	397664.3	32.669
CH228	381730.9	397584.8	31.636	CH330	381717.5	397665.3	32.713
CH229	381730.2	397585	31.629	CH331	381717.8	397666.2	32.679
CH230	381729.1	397585.3	31.62	CH332	381718.1	397667.2	32.682

CH231	381728	397585.6	31.601	CH333	381718.3	397668.1	32.697
CH232	381727.1	397585.9	31.614	CH334	381718.6	397669.1	32.668
CH233	381726.1	397586.2	31.619	CH335	381718.9	397670	32.677
CH234	381725.2	397586.5	31.61	CH336	381719.1	397671	32.648
CH235	381724.4	397586.7	31.613	CH337	381719.4	397671.9	32.647
CH236	381723.2	397587.1	31.618	CH338	381719.7	397672.9	32.634
CH237	381722.3	397587.4	31.631	CH339	381719.9	397673.9	32.585
CH238	381721.3	397587.7	31.614	CH340	381720.2	397674.8	32.61
CH239	381720.4	397588	31.614	CH341	381720.5	397675.8	32.537
CH240	381719.4	397588.3	31.616	CH342	381720.8	397676.7	32.549
CH241	381718.4	397588.6	31.608	CH343	381721.1	397677.7	32.553
CH242	381717.4	397588.9	31.633	CH344	381721.4	397678.7	32.583
CH243	381716.5	397589.1	31.62	CH345	381721.6	397679.7	32.594
CH244	381715.5	397589.4	31.631	CH346	381721.9	397680.6	32.627
CH245	381714.6	397589.7	31.615	CH347	381722.2	397681.5	32.499
CH246	381713.6	397590	31.617	CH348	381722.3	397682.6	32.564
CH247	381712.7	397590.3	31.622	CH349	381722.6	397683.6	32.637
CH248	381711.8	397590.6	31.628	CH350	381723	397684.6	32.655
CH249	381710.8	397590.9	31.619	CH351	381723.3	397685.5	32.699
CH250	381709.8	397591.2	31.617	CH352	381723.6	397686.4	32.733
CH251	381708.8	397591.5	31.613	CH353	381723.8	397687.4	32.813
CH252	381707.9	397591.8	31.615	CH354	381724.1	397688.4	32.826
CH253	381706.9	397592	31.589	CH355	381724.3	397689.3	32.832
CH254	381706.3	397592.7	31.639	CH356	381724.6	397690.3	32.83
CH255	381705.7	397593.6	31.653	CH357	381724.9	397691.2	32.849
CH256	381705.3	397594.5	31.652	CH358	381725.2	397692.2	32.804
CH257	381704.7	397595.3	31.632	CH359	381725.4	397693.2	32.833
CH258	381704.3	397596.2	31.648	CH360	381725.7	397694.1	32.834
CH259	381703.8	397597.2	31.701	CH361	381726	397695.1	32.858
CH260	381703.4	397598	31.73	CH362	381726.2	397696	32.851
CH261	381702.9	397599	31.752	CH363	381726.5	397697	32.862
CH262	381702.5	397599.8	31.743	CH364	381726.8	397698	32.889
CH263	381701.9	397600.7	31.723	CH365	381727	397698.9	32.901
CH264	381701.5	397601.6	31.715	CH366	381727.3	397699.9	32.922
CH265	381701	397602.4	31.657	CH367	381727.6	397700.9	32.943
CH266	381700.9	397603.4	31.69	CH368	381727.8	397701.8	32.979
CH267	381701.1	397604.3	31.682	CH369	381728.2	397702.8	32.972
CH268	381701.5	397605.4	31.685	CH370	381728.5	397703.7	33.037
CH269	381701.8	397606.4	31.69	CH371	381728.8	397704.7	33.084
CH270	381702	397607.3	31.703	CH372	381729.1	397705.7	33.071
CH271	381702.3	397608.3	31.696	CH373	381729.3	397706.6	33.123
CH272	381702.6	397609.3	31.702	CH374	381729.5	397707.5	33.052
CH273	381702.9	397610.2	31.702	CH375	381729.9	397708.5	33.065
CH274	381703.1	397611.2	31.695	CH376	381730.2	397709.4	33.126
CH275	381703.4	397612.2	31.706	CH377	381730.5	397710.4	33.128
CH276	381703.7	397613.1	31.72	CH378	381730.7	397711.3	33.151

CH277	381703.9	397614.1	31.719	CH379	381731	397712.4	33.148
CH278	381704.2	397615.1	31.714	CH380	381731.3	397713.3	33.151
CH279	381704.4	397616	31.73	CH381	381731.5	397714.3	33.16
CH280	381704.7	397617	31.754	CH382	381731.8	397715.2	33.139
CH281	381704.9	397617.9	31.765	CH383	381732.1	397716.2	33.122
CH282	381705.2	397618.9	31.762	CH384	381732.4	397717.2	33.127
CH283	381705.5	397619.9	31.811	CH385	381732.5	397718.2	33.129
CH284	381705.8	397620.8	31.752	CH386	381732.8	397719.2	33.134
CH285	381706	397621.8	31.68	CH387	381733.1	397720.1	33.222
CH286	381706.2	397622.8	31.675	CH388	381733.5	397721	33.236
CH287	381706.5	397623.8	31.609	CH389	381733.7	397722	33.251
CH288	381706.8	397624.7	31.65	CH390	381733.9	397723	33.257
CH289	381707	397625.7	31.667	CH391	381734.3	397724	33.286
CH290	381707.3	397626.6	31.681	CH392	381734.5	397724.9	33.291
CH291	381707.6	397627.6	31.688	CH393	381734.8	397725.9	33.323
CH292	381707.9	397628.5	31.725	CH394	381735.1	397727	33.316
CH293	381708.1	397629.5	31.832	CH395	381735.4	397727.8	33.313
CH294	381708.4	397630.5	31.959	CH396	381735.6	397728.7	33.318
CH295	381708.6	397631.4	32.001	CH397	381735.9	397729.7	33.342
CH296	381708.7	397632.4	31.973	CH398	381736.2	397730.7	33.322
CH297	381708.8	397633.4	32.003	CH399	381736.4	397731.6	33.354
CH298	381708.9	397634.4	31.996	CH400	381736.7	397732.6	33.347
CH299	381709.1	397635.4	31.991	CH401	381737	397733.5	33.356
CH300	381709.4	397636.4	32.023	CH402	381737.2	397734.5	33.346
CH301	381709.6	397637.3	32.055	CH403	381737.5	397735.6	33.386
CH302	381709.9	397638.3	32.123	CH404	381737.8	397736.4	33.413
CH303	381710.2	397639.3	32.116	CH405	381738.1	397737.4	33.411
CH304	381710.5	397640.2	32.108	CH406	381738.3	397738.4	33.413
CH305	381710.7	397641.1	32.133	CH407	381738.6	397739.4	33.392
CH306	381711	397642.1	32.172	CH408	381738.8	397740.3	33.413
				CH409	381739.1	397741.3	33.344