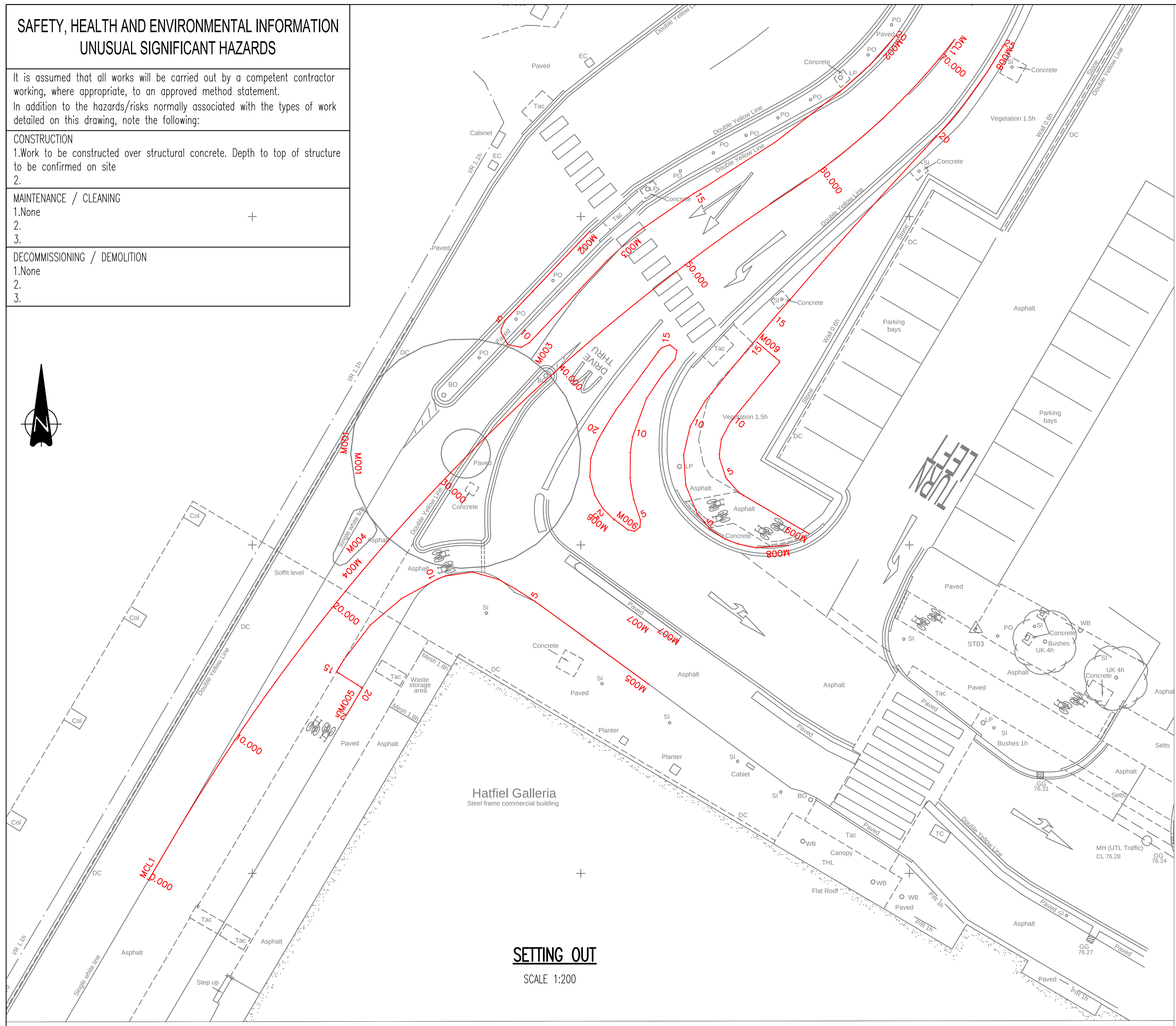
SAFETY, HEALTH AND ENVIRONMENTAL INFORMATION UNUSUAL SIGNIFICANT HAZARDS

It is assumed that all works will be carried out by a competent contractor working, where appropriate, to an approved method statement.
In addition to the hazards/risks normally associated with the types of work detailed on this drawing, note the following:

CONSTRUCTION
1.Work to be constructed over structural concrete. Depth to top of structure to be confirmed on site
2.

MAINTENANCE / CLEANING
1.None
2.
3.

DECOMMISSIONING / DEMOLITION
1.None
2.
3.



SETTING OUT

SCALE 1:200

CROSS SECTIONS

Level Datum =75.000

Chainage = 65.000

Gradients: 1:-74.826, 1:-18.917, 1:40.427

Proposed Level	75.908, 76.026, 76.128, 76.185, 76.060, 76.211, 76.336
Proposed Offset	-13.191, -4.336, -4.127, -3.045, -2.945, 3.151, 3.251
Existing Level	76.003, 76.001, 75.908, 75.908, 75.966, 76.003, 76.003, 76.003, 76.026, 76.127, 76.117, 76.124, 76.129, 76.056, 76.057, 76.167, 76.187, 76.187, 76.212, 76.316, 76.327, 76.421, 76.410, 76.410, 76.397, 76.394, 76.393, 76.389, 76.321, 76.380, 76.335, 76.340, 76.371, 76.372
Existing Offset	-14.000, -13.387, -13.141, -13.100, -10.445, -8.823, -8.639, -7.590, -4.429, -4.011, -3.780, -3.496, -3.399, -2.930, -2.898, -0.487, -0.073, 0.172, 2.889, 3.225, 3.499, 3.534, 4.427, 4.613, 5.695, 5.969, 6.044, 6.716, 6.945, 7.428, 7.691, 7.989, 9.912, 10.000

Chainage = 60.000

Level Datum =75.000

Gradients: 1:-80.463, 1:-22.249, 1:42.345

Proposed Level	75.898, 76.006, 76.106, 76.163, 76.038, 76.202, 76.327
Proposed Offset	-13.261, -4.542, -4.397, -3.129, -3.029, 3.932, 4.034
Existing Level	75.931, 75.921, 75.898, 75.950, 75.994, 75.993, 75.997, 75.998, 76.007, 76.006, 76.063, 76.113, 76.018, 76.073, 76.079, 76.120, 76.121, 76.142, 76.145, 76.182, 76.195, 76.260, 76.294, 76.395, 76.358, 76.352, 76.353, 76.294, 76.298, 76.309, 76.309, 76.331
Existing Offset	-14.000, -13.338, -13.163, -10.961, -9.000, -8.819, -6.714, -6.581, -4.617, -4.542, -3.989, -3.681, -3.580, -1.585, -1.365, -0.125, 0.055, 0.612, 0.743, 2.436, 3.135, 3.510, 3.752, 3.997, 6.169, 6.554, 6.672, 7.111, 7.405, 8.117, 8.146, 10.000

Chainage = 55.000

Level Datum =75.000

Gradients: 1:-65.765, 1:-32.893, 1:46.158

Proposed Level	75.872, 75.993, 76.084, 76.139, 76.014, 76.193, 76.318
Proposed Offset	-13.002, -5.004, -4.953, -3.156, -3.056, 5.242, 5.346
Existing Level	75.964, 75.950, 75.871, 75.905, 75.907, 75.990, 75.990, 75.993, 76.010, 76.067, 76.054, 76.003, 76.004, 76.038, 76.038, 76.048, 76.092, 76.092, 76.111, 76.111, 76.133, 76.133, 76.161, 76.179, 76.211, 76.273, 76.369, 76.359, 76.302, 76.379, 76.394, 76.283, 76.287
Existing Offset	-14.000, -13.076, -12.918, -11.444, -11.378, -5.944, -5.901, -5.113, -4.884, -4.727, -4.170, -4.064, -3.251, -2.241, -2.059, -1.678, -0.357, -0.302, 0.654, 0.782, 1.911, 2.094, 3.532, 3.851, 4.119, 4.496, 4.699, 5.299, 8.970, 9.323, 9.573, 9.705, 10.000

Chainage = 50.000

Level Datum =75.000

Gradients: 1:-69.382, 1:-22.233, 1:49.174, 1:40.580

Proposed Level	75.855, 75.961, 76.025, 76.114, 75.989, 76.186, 76.311, 76.359
Proposed Offset	-12.732, -5.395, -5.354, -3.387, -3.287, 6.402, 6.504, 8.458
Existing Level	75.963, 75.953, 75.952, 75.899, 75.855, 75.858, 75.861, 75.864, 75.905, 75.973, 75.956, 75.959, 75.969, 76.034, 75.973, 75.967, 75.969, 75.976, 75.980, 76.016, 76.016, 76.032, 76.051, 76.051, 76.081, 76.091, 76.090, 76.124, 76.134, 76.144, 76.229, 76.232, 76.251, 76.310, 76.316, 76.353, 76.352, 76.315, 76.309
Existing Offset	-14.000, -13.494, -13.331, -12.957, -12.732, -12.445, -12.220, -12.041, -9.034, -6.020, -5.776, -5.533, -5.291, -4.922, -4.668, -4.415, -4.199, -3.787, -3.641, -2.041, -1.940, -1.335, -0.285, -0.095, 1.358, 1.852, 1.942, 3.571, 3.862, 4.289, 4.532, 4.806, 4.954, 5.970, 6.096, 6.436, 6.540, 8.804, 10.000

Chainage = 45.000

Level Datum =75.000

Gradients: 1:-102.819, 1:-51.410, 1:46.203, 1:59.858, 1:43.316, 1:40.817

Proposed Level	75.864, 75.928, 76.053, 76.089, 75.964, 76.097, 76.222, 76.237, 76.112, 76.186, 76.311, 76.361, 76.360
Proposed Offset	-11.568, -4.926, -4.826, -3.013, -2.912, 3.263, 3.366, 4.252, 4.354, 7.551, 7.657, 9.719, 10.000
Existing Level	75.955, 75.959, 75.957, 75.919, 75.887, 75.864, 75.873, 75.877, 75.881, 75.892, 75.895, 75.929, 75.992, 76.049, 76.051, 75.957, 75.979, 76.002, 76.002, 76.063, 76.066, 76.058, 76.061, 76.068, 76.074, 76.161, 76.199, 76.276, 76.354, 76.384, 76.386, 76.379
Existing Offset	-12.936, -12.633, -12.329, -12.073, -11.627, -11.467, -10.850, -10.524, -10.213, -9.041, -8.792, -5.020, -4.766, -4.419, -4.135, -3.923, -2.626, -1.217, -1.120, 1.804, 2.042, 2.277, 2.506, 2.746, 2.997, 5.635, 5.857, 6.758, 7.145, 7.889, 8.163, 10.000

Chainage = 40.000

Level Datum =75.000

Gradients: 1:-79.755, 1:-68.037, 1:46.294, 1:32.014

Proposed Level	75.839, 75.907, 76.032, 76.058, 75.933, 76.082, 76.207, 76.267, 76.142
Proposed Offset	-9.785, -4.391, -4.291, -2.485, -2.384, 4.501, 4.606, 6.523, 6.653
Existing Level	75.943, 75.943, 75.897, 75.894, 75.883, 75.842, 75.881, 75.898, 75.983, 75.920, 76.013, 75.926, 75.957, 75.959, 75.964, 75.975, 75.984, 75.985, 75.990, 75.992, 75.996, 76.002, 76.009, 76.017, 76.021, 76.048, 76.042, 76.040, 76.070, 76.115, 76.142, 76.153, 76.161, 76.175, 76.179
Existing Offset	-11.014, -10.827, -10.455, -10.426, -9.825, -9.693, -5.707, -4.494, -4.233, -3.787, -3.558, -3.424, -1.517, -1.376, -0.981, -0.438, -0.212, 0.015, 0.374, 0.502, 0.732, 1.087, 1.430, 1.813, 2.190, 2.925, 3.156, 3.362, 4.480, 5.613, 7.262, 7.714, 8.092, 9.810, 10.000

Chainage = 35.000

Level Datum =75.000

Gradients: 1:-81.237, 1:52.194

Proposed Level	75.816, 75.808, 75.827, 76.076
Proposed Offset	-8.184, -8.181, -6.620, 6.386
Existing Level	75.922, 75.922, 75.913, 75.911, 75.816, 75.839, 75.839, 75.841, 75.869, 75.872, 75.970, 75.896, 75.896, 75.904, 76.015, 75.934, 75.954, 76.021, 76.074, 75.956, 75.993, 76.046, 76.045, 76.047, 76.057, 76.080, 76.100, 76.100, 76.105
Existing Offset	-9.327, -9.142, -8.828, -8.412, -8.184, -7.917, -7.740, -6.252, -4.199, -3.938, -3.402, -3.170, -3.087, -2.608, -1.060, -0.234, 0.056, 0.268, 0.741, 0.941, 2.384, 4.263, 4.513, 4.756, 5.018, 5.994, 9.154, 9.280, 10.000

Chainage = 30.000

Level Datum =75.000

Gradient: 1:52.631

Proposed Level	75.800, 75.798, 76.046
Proposed Offset	-6.847, -6.651, 6.416
Existing Level	75.904, 75.904, 75.842, 75.839, 75.796, 75.843, 75.859, 75.865, 75.868, 75.922, 75.922, 76.060, 76.094, 76.052, 76.038, 76.013, 76.013, 76.021, 76.009, 76.011, 76.011, 76.012, 76.061, 76.072, 76.087, 76.087, 76.094
Existing Offset	-7.916, -7.733, -7.283, -6.923, -6.749, -4.116, -3.255, -3.024, -2.539, 0.691, 0.874, 1.338, 1.682, 2.034, 3.357, 3.783, 3.963, 4.415, 4.945, 5.481, 5.550, 5.927, 7.148, 8.168, 8.887, 9.070, 10.000

Chainage = 25.000

Level Datum =75.000

Gradient: 1:50.666

Proposed Level	75.784, 75.969
Proposed Offset	-5.752, 3.599
Existing Level	75.891, 75.874, 75.862, 75.784, 75.820, 75.820, 75.848, 75.865, 75.865, 75.910, 75.910, 75.923, 75.932, 75.933, 75.959, 75.963, 76.092, 76.094, 76.206, 76.248, 76.248, 76.308, 76.308, 76.316, 76.319
Existing Offset	-6.785, -6.507, -5.807, -5.677, -3.509, -3.453, -2.089, -1.221, -1.164, 1.349, 1.531, 1.876, 2.225, 2.293, 3.313, 3.578, 3.818, 3.866, 6.586, 7.725, 7.807, 8.437, 8.542, 9.092, 10.000

CROSS SECTIONS

SCALE Vertical = 1:50 Horizontal = 1:100

This drawing should not be scaled. Dimensions to be verified on site.
Any discrepancies should be referred to the Engineer prior to work being put in hand.

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Cross Sections Key:

- - - - - - Existing Ground Level

——— Proposed Level

1:200 — 0, 5m, 10m, 15m, 20m; 1:1 — 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100

1:100 — 0, 1m, 2m, 3m, 4m, 5m, 6m, 7m, 8m, 9m, 10m; 1:1 — 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100

1:50 — 0, 1m, 2m, 3m, 4m, 5m; 1:1 — 0, 10, 20, 30, 40, 50, 60, 70, 80, 90, 100

Rev	Date	Description	By
A01	23.12.15	First Issue	MAC

Amendments

Project: **Hatfield Galleria**

Title: **Setting Out and Cross Sections**

Client: Land Securities Group PLC

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Drawing Status: **PRELIMINARY**

Designed by: CTI	Checked by: SN	Project No: WIE17416	
Drawn by: MC	Date: December 2015		
Scales @ A1 work to figured dimensions only: As Noted		Computer File No: WIE-17416-SA-95-0003-A01.dwg	

Publisher	Zone	Category	Number	Revision
WIE	SA	95	0003	A01

File Path N:\Projects\WIE17416\CAD\95\

A1-Wat-S, Key & Notes, Setting Out 161215, Topographical survey