SOUTHERN ACCESS – 10 DEG – 127M MIN RADIUS
SCALE: H 1:2000, V 1:500. DATUM: 95.000

CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
400.000	100.955	101.313
410.000	100.672	101.233
420.000	100.737	101.127
430.000	100.783	100.956
440.000	100.857	100.812
450.000	100.872	100.412
460.000	100.888	100.041
470.000	100.913	99.658
480.000	100.948	99.211
490.000	100.979	98.890
500.000	101.008	98.646
510.000	101.039	98.479
520.000	101.069	98.399
530.000	101.541	98.376
540.000	105.141	98.472
550.000	107.086	98.522
560.000	107.022	98.572
570.000	106.720	98.624
580.000	104.217	98.730
590.000	101.322	98.913
600.000	101.296	99.173
610.000	101.325	99.510
620.000	101.337	99.906
630.000	101.391	100.301
640.000	101.443	100.647
650.000	101.497	100.934
660.000	101.530	101.162
670.000	101.516	101.331
680.000	101.445	101.442
690.000	101.388	101.494
700.000	101.374	101.487
710.000	101.229	101.423
720.000	101.149	101.343
730.000	101.109	101.263
740.000	101.096	101.183
750.000	100.991	101.103
760.000	100.973	101.023
770.000	100.920	100.947
780.000	100.907	100.858
790.000	100.858	100.835
800.000	100.858	100.858
810.000	100.858	100.905
820.000	100.382	100.985
830.000	100.845	101.165
840.000	100.936	101.245
850.000	100.936	101.317
860.000	100.963	101.340
870.000	100.886	101.310
880.000	100.909	101.235
890.000	100.963	101.155
900.000	100.940	101.075

HORIZONTAL
- R: 180.000, L: 201.931
- L = 103.642
- R: 127.000, L: 170.182
- R: 520.000, L: 127.834
- L = 40.000

VERTICAL
- G=-1:125.0, L=33.432
- R =1500.000, K =15.000, L = 54.667
- G=-1:22.5, L=2.997
- R =1300.000, K =13.000, L=64.278
- G=1:200.0, L=44.521
- R =1300.000, K =13.000, L=45.500
- G=1:25.0, L=12.590
- R =1700.000, K =17.000, L = 81.600
- G=-1:125.0, L=58.712
- R =1875.000, K =18.750, L =30.000
- G=1:125.0, L=38.274
- R =1875.000, K =18.750, L =30.000
- G=-1:125.0, L=46.171

SOUTHERN ACCESS – ON SITE LINK
SCALE: H 1:2000, V 1:500. DATUM: 95.000

INDICATIVE ROAD PROFILE TO ENABLE SURFACE WATER DRAINAGE DESIGN IN ACCORDANCE WITH SWALE STRATEGY

CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
900.000	100.940	101.075
910.000	100.936	100.995
920.000	100.866	100.915
930.000	100.841	100.835
940.000	100.763	100.755
950.000	100.708	100.675
960.000	100.706	100.595
970.000	100.607	100.515
980.000	100.516	100.435
990.000	100.475	100.355
1000.000	100.426	100.275
1010.000	100.392	100.195
1020.000	100.349	100.115
1030.000	100.295	100.041
1040.000	100.232	100.008
1050.000	100.172	100.009
1060.000	100.013	100.093
1070.000	99.889	100.176
1080.000	99.766	100.260
1090.000	99.741	100.343
1100.000	99.699	100.405
1110.000	99.567	100.408
1120.000	99.584	100.362
1130.000	99.462	100.269
1140.000	99.314	100.102
1150.000	99.314	100.019
1160.000	99.232	99.936
1170.000	99.171	99.852
1180.000	99.155	99.769
1190.000	99.154	99.686
1200.000	99.132	99.602
1210.000	99.034	99.547
1220.000	99.008	99.547
1230.000	98.992	99.601
1240.000	98.893	99.686
1250.000	98.893	99.769
1260.000	98.949	99.852
1270.000	98.974	99.936
1280.000	99.015	100.019
1290.000	99.081	100.102
1300.000	99.168	100.186
1310.000	99.186	100.269
1320.000	99.251	100.352
1330.000	99.312	100.436
1340.000	99.381	100.520
1350.000	99.487	100.693
1360.000	99.700	100.934
1370.000	100.094	101.251
1380.000	100.583	101.638
1390.000	101.296	102.038
1400.000	101.804	102.428
1410.000	102.295	102.829
1420.000	102.814	103.189
1430.000	103.189	103.448
1440.000	103.462	103.669
1450.000	103.755	103.832
1460.000	103.660	103.936
1470.000	103.977	104.019
1480.000	103.968	104.103
1490.000	104.128	104.186
1500.000	104.081	104.269
1510.000	104.051	104.353
1520.000	104.065	104.431
1530.000	104.095	104.468
1540.000	104.052	104.454
1550.000	104.044	104.391
1560.000	103.998	104.307
1570.000	103.870	104.224
1580.000	103.759	104.141
1590.000	103.704	104.057
1600.000	103.660	103.974
1610.000	103.660	103.891
1620.000	103.571	103.807
1630.000	103.447	103.724
1640.000	103.383	103.641
1650.000	103.336	103.557
1660.000	103.376	103.474
1670.000	103.504	103.391
1680.000	103.661	103.261
1695.519		

HORIZONTAL
- L = 85.118
- R: 720.000, L: 22.604
- L = 41.494
- R: 720.000, L: 43.850
- L = 123.992
- R: 180.000, L: 79.161
- L = 151.688
- R: 720.000, L: 23.408
- L = 234.207

VERTICAL
- G=-1:125.0, L=135.440
- R =2000.000, K =20.000, L = 32.667
- G=1:120.0, L=33.281
- R =1700.000, K =17.000, L= 28.333
- G=-1:120.0, L=90.277
- R =1800.000, K =18.000, L =30.000
- G=1:120.0, L=104.610
- R =1300.000, K =13.000, L=41.167
- G=1:25.0, L=28.629
- R =1700.000, K =17.000, L =53.833
- G=1:120.0, L=57.167
- R =2000.000, K =20.000, L = 33.333
- G=-1:120.0, L=136.582

PROPOSED LEVELS DRAINAGE STRATEGY: 102.520, 102.440, 102.360, 102.280, 102.200, 102.120, 102.040, 101.960, 101.880, 101.820, 101.809, 101.928, 102.072, 102.195, 102.318, 102.252, 102.245, 102.428, 102.512, 102.590, 102.622, 102.599, 102.525, 102.452, 102.349, 102.275, 102.192, 102.109, 102.025, 101.942, 101.859, 101.775, 101.692, 101.650, 101.762, 101.897, 102.012, 102.157, 102.252, 102.387, 102.512, 102.637, 102.762, 102.897, 103.136, 103.250, 103.350, 103.436, 103.519, 103.603, 103.686, 103.769, 103.853, 103.936, 104.019, 104.103, 104.186, 104.269, 104.353, 104.431, 104.468, 104.454, 104.391, 104.307, 104.224, 104.141, 104.057, 103.974, 103.891, 103.807, 103.724, 103.641, 103.557, 103.474, 103.391, 103.261

VERTICAL DRAINAGE STRATEGY
- G=-1:125.0, L=91.111
- R =2000.000, K =20.000, L= 32.667
- G=1:120.0, L=82.036
- R =1800.000, K =18.000, L = 30.000
- G=-1:120.0, L=109.191
- R =1500.000, K =15.000, L= 31.250
- G=1:80.0, L=110.498
- R =7200.000, K =72.000, L = 30.000
- G=1:120.0, L=118.850
- R =2000.000, K =20.000, L = 33.333
- G=-1:120.0, L=136.582

CRHLL – MIDDLE WICHEL
SCALE: H 1:2000, V 1:500. DATUM: 95.000

CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
0.000	102.695	102.690
10.000	102.429	102.542
20.000	103.464	102.403
30.000	102.913	102.331
40.000	102.910	102.336
50.000	102.889	102.409
60.000	102.855	102.493
70.000	102.815	102.576
80.000	102.762	102.659
90.000	102.683	102.712
100.000	102.592	102.699
110.000	102.592	102.625
120.000	102.565	102.542
130.000	102.552	102.458
140.000	102.564	102.375
150.000	102.485	102.292
160.000	102.450	102.208
170.000	102.339	102.125
180.000	102.277	102.042
190.000	102.172	101.958
200.000	102.065	101.875
210.000	101.955	101.792
220.000	101.840	101.708
230.000	101.644	101.617
240.000	101.385	101.505
250.000	101.234	101.374
260.000	101.081	101.231
270.000	100.922	101.088
280.000	100.795	100.945
290.000	100.692	100.802
300.000	100.649	100.659
310.000	100.627	100.517
320.000	100.577	100.374
330.000	100.510	100.231
340.000	100.459	100.088
350.000	100.397	99.947
360.000	100.359	99.859
370.000	100.316	99.849
380.000	100.297	99.915
390.000	100.275	99.958
400.000	100.227	100.058
410.000	100.175	100.218
420.000	100.177	100.409
430.000	100.177	100.567
440.000	100.293	100.810
450.000	100.261	101.063
460.000	101.395	101.053
470.000	101.882	101.096
480.000	101.467	101.442
490.000	101.233	101.558
500.000	101.125	101.692
510.000	101.124	101.608
520.000	100.993	101.525
530.000	100.853	101.442
540.000	100.811	101.358
550.000	100.811	101.317
560.000	100.821	101.353
570.000	100.837	101.461
580.000	100.837	101.568
590.000	101.198	101.964
600.000	101.567	102.131
610.000	101.549	102.298
620.000	101.686	102.464
630.000	101.807	102.631
640.000	102.012	102.798
650.000	102.157	102.944
660.000	102.512	103.001
670.000	100.503	103.063
680.000	100.383	103.205
690.000	100.205	103.363
700.000	102.193	102.829
710.000	102.070	102.601
720.000	101.371	102.277
730.000	100.868	101.658
740.000	100.863	100.863
750.000	100.386	100.386
760.000	99.898	99.982
770.000	99.475	99.492
780.000	99.196	99.656
790.000	99.050	99.407
800.000	98.953	99.234
810.000	98.832	99.134
820.000	98.714	99.052
830.000	98.588	99.011
840.000	98.502	99.025
850.000	97.951	99.083
860.000	97.601	99.176
870.000	97.243	99.260
880.000	97.239	99.340
890.000	97.232	99.367
900.000	97.199	99.224
910.000	97.134	99.216
920.000		99.091
930.000		98.966
940.000		98.841
950.000		98.716

HORIZONTAL
- L = 21.778
- R: 50.000, L: 12.050
- R: 255.000, L: 105.688
- R: 255.000, L: 80.227
- L = 43.373
- R: 720.000, L: 40.671
- L = 69.055
- R: 720.000, L: 61.337
- R: 255.000, L: 96.348
- L = 44.425
- R: 255.000, L: 80.702
- R: 9818.635, L: 77.282
- R: 1450.000, L: 85.431
- L = 60.972
- R: 10000.000, L: 41.301
- L = 34.721

VERTICAL
- G=-1:67.3, L=14.982
- R =1300.000, K =13.000, L=30.157
- G=1:120.0, L=35.291
- R =1500.000, K =15.000, L= 25.000
- G=-1:120.0, L=115.360
- R =5040.000, K =50.400, L = 30.000
- G=-1:70.0, L=97.023
- R =1300.000, K =13.000, L=61.905
- G=1:30.0, L=26.240
- R =1000.000, K =10.000, L = 41.667
- G=-1:120.0, L=71.891
- R =1300.000, K =13.000, L= 32.500
- G=1:60.0, L=81.473
- R =1050.000, K =10.500, L = 70.000
- G=-1:20.0, L=18.934
- R =1300.000, K =13.000, L= 54.167
- R =1800.000, K =18.000, L=30.000
- G=1:120.0, L=29.441
- R =1440.000, K =14.400, L = 30.000
- G=-1:80.0, L=58.854
- G=-1:120.0, L=10.869

MIDDLE WICHEL LINK – CRHLL
SCALE: H 1:2000, V 1:500. DATUM: 95.000

CHAINAGE	EXISTING LEVELS	PROPOSED LEVELS
960.000	97.828	98.711
970.000	97.989	98.621
980.000	98.293	98.599
990.000	98.435	98.642
1000.000	98.535	98.731
1010.000	98.634	98.822
1020.000	98.734	98.912
1030.000	98.816	99.002
1040.000	98.994	99.093
1050.000	99.078	99.183
1060.000	99.161	99.273
1070.000	99.408	99.364
1080.000	99.576	99.454
1090.000	99.830	99.553
1100.000	99.945	99.597
1110.000	100.028	99.687
1120.000	100.200	99.777
1130.000	100.407	99.867
1140.000	100.598	99.957
1150.000	100.818	100.131
1160.000	101.108	100.381
1170.000	101.409	100.631
1180.000	101.719	100.881
1190.000	101.973	101.131
1200.000	102.178	101.381
1210.000	102.296	101.631
1220.000	102.373	101.881
1230.000	102.457	102.290
1240.000	102.540	102.373
1250.000	102.623	102.457
1260.000	103.049	102.540
1270.000	103.127	102.707
1280.000	103.193	102.790
1290.000	103.242	102.873
1300.000	103.231	103.040
1310.000	103.172	103.123
1325.210	103.094	103.250

HORIZONTAL
- R: 10000.000, L: 17.947
- L = 270.056
- R: 510.000, L: 33.601, L=11.484
- R: 127.000, L: 28.483
- L = 8.267

VERTICAL
- R =1500.000, K =15.000, L= 32.449
- G=1:110.7, L=92.247
- R =2000.000, K =20.000, L= 31.935
- G=1:40.0, L=68.346
- R =1800.000, K =18.000, L = 30.000
- G=1:120.0, L=120.701

NOTES:

1. DO NOT SCALE THIS DRAWING. IF IN DOUBT PLEASE REQUEST FURTHER INFORMATION.
2. ALL DIMENSIONS ARE IN METRES UNLESS STATED OTHERWISE.
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER RELEVANT CONTRACT DRAWINGS, CONSTRUCTION DETAILS AND SPECIFICATIONS.

Mark	Revision	Date	Drawn	Chkd	Appd

SCALING NOTE: Do not scale from this drawing. If in doubt, ask.

UTILITIES NOTE: The position of any existing public or private sewers, utility services, plant or apparatus shown on this drawing is believed to be correct, but no warranty to this is expressed or implied. Other such plant or apparatus may also be present but not shown. The Contractor is therefore advised to undertake their own investigation where the presence of any existing sewers, services, plant or apparatus may affect their operations.

Drawing Issue Status

FOR INFORMATION

WICHELSTOWE DEVELOPMENT
SOUTHERN ACCESS
ON SITE CROFT ROAD HAY LANE LINK
PROPOSED ALIGNMENT AND PROFILE

Client: Swindon Borough Council

Date of 1st Issue	Designed	Drawn
24.01.2018	MJP	MJP
A1 Scale	**Checked**	**Approved**
1:5000	DTH	DTH

Drawing Number	Revision
24177/2056/SK006	P1

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READING
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