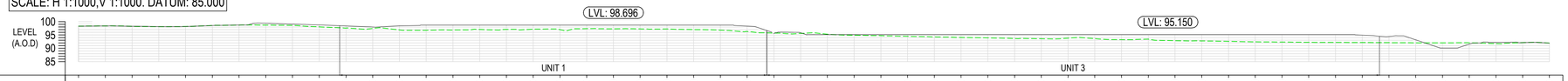
CUR_ALIGNMENT-A
SCALE: H 1:1000,V 1:1000. DATUM: 85.000

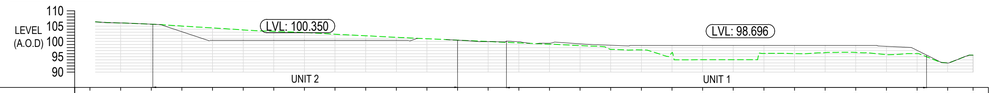


CHAINAGE	EXISTING LEVELS (DASHED GREEN LINE)	PROPOSED LEVELS (SOLID BLACK LINE)	LEVEL DIFFERENCE
00	98.305	98.305	0.000
10.000	98.404	98.404	0.000
20.000	98.255	98.267	0.012
30.000	98.123	98.163	0.041
40.000	98.177	98.182	0.005
50.000	98.557	98.557	0.000
60.000	98.702	98.702	0.000
70.000	98.690	99.413	0.723
80.000	98.602	99.085	0.483
90.000	98.032	98.758	0.726
100.000	97.565	98.388	0.824
110.000	97.457	97.972	0.515
120.000	96.885	98.427	1.542
130.000	96.761	98.696	1.935
140.000	96.846	98.696	1.849
150.000	97.072	98.696	1.624
160.000	97.094	98.696	1.602
170.000	97.186	98.696	1.510
180.000	97.006	98.696	1.690
190.000	97.369	98.696	1.326
200.000	97.304	98.696	1.392
210.000	97.271	98.695	1.424
220.000	97.259	98.695	1.436
230.000	97.022	98.696	1.674
240.000	96.803	98.696	1.892
250.000	96.297	98.323	2.026
260.000	95.720	95.630	-0.090
270.000	95.575	95.833	0.258
280.000	95.292	95.150	-0.142
290.000	94.916	95.150	0.234
300.000	94.728	95.150	0.422
310.000	94.492	95.150	0.658
320.000	94.284	95.150	0.866
330.000	94.056	95.150	1.094
340.000	93.900	95.150	1.250
350.000	93.662	95.150	1.488
360.000	93.597	95.150	1.553
370.000	93.806	95.150	1.344
380.000	93.627	95.150	1.523
390.000	93.247	95.150	1.903
400.000	93.449	95.150	1.701
410.000	92.867	95.150	2.283
420.000	92.770	95.150	2.380
430.000	92.600	95.150	2.550
440.000	92.420	95.150	2.730
450.000	92.343	95.150	2.807
460.000	92.258	95.150	2.892
470.000	92.208	95.150	2.942
480.000	92.168	94.927	2.760
490.000	92.114	94.421	2.307
500.000	92.062	93.179	1.117
510.000	92.040	90.100	-1.940
520.000	92.064	91.550	-0.514
530.000	91.749	92.248	0.499
540.000	92.123	92.123	0.000
550.000	91.962	91.962	0.000

CUR_ALIGNMENT-A
SCALE: H 1:1000,V 1:1000. DATUM: 85.000

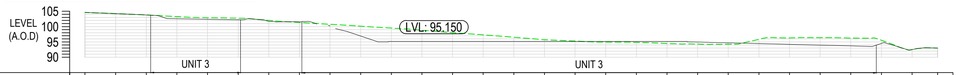
CHAINAGE	EXISTING LEVELS (DASHED GREEN LINE)	PROPOSED LEVELS (SOLID BLACK LINE)	LEVEL DIFFERENCE
510.000	92.040	90.100	-1.940
520.000	92.064	91.550	-0.514
530.000	91.749	92.248	0.499
540.000	92.123	92.123	0.000
550.000	91.962	91.962	0.000
560.000	91.682	91.690	0.009
570.000	91.715	91.719	0.003
580.000	91.703	91.703	0.000
590.000	91.717	91.717	0.000
600.000	91.734	91.734	0.000
610.000	91.750	91.750	0.000
620.000	91.759	91.759	0.000
630.000	91.769	91.769	0.000
640.000	91.755	91.755	0.000
650.000	91.765	91.765	0.000
660.000	91.790	91.790	0.000
670.000	91.664	91.664	0.000
680.000	90.922	90.922	0.000
690.000	90.405	90.405	0.000
700.000	90.116	90.116	0.000
710.000	89.867	89.867	0.000
713.258	89.762	89.762	0.000

CUR_ALIGNMENT-B
SCALE: H 1:1000,V 1:1000. DATUM: 90.000



CHAINAGE	EXISTING LEVELS (DASHED GREEN LINE)	PROPOSED LEVELS (SOLID BLACK LINE)	LEVEL DIFFERENCE
00	106.034	106.034	0.000
10.000	105.628	105.628	0.000
20.000	105.025	103.170	-1.855
30.000	104.427	100.350	-4.077
40.000	103.752	100.350	-3.402
50.000	103.295	100.350	-2.945
60.000	102.908	100.350	-2.558
70.000	102.363	100.350	-2.013
80.000	101.847	100.350	-1.497
90.000	101.346	100.350	-0.996
100.000	100.881		
110.000	100.421	100.411	-0.010
120.000	99.972	99.952	-0.021
130.000	99.537	99.938	0.401
140.000	99.117	99.409	0.292
150.000	98.639	99.208	0.569
160.000	97.394	98.770	1.376
170.000	97.239	98.696	1.457
180.000	96.360	98.696	2.336
190.000	94.027	98.695	4.668
200.000	94.045	98.695	4.651
210.000	96.090	98.695	2.606
220.000	96.030	98.695	2.666
230.000	96.337	98.696	2.359
240.000	96.395	98.696	2.301
250.000	95.658	98.696	2.752
260.000	96.031	97.096	1.065
270.000	92.955	92.955	0.000
280.000	95.508	95.508	0.000
288.279			

CUR_ALIGNMENT-C
SCALE: H 1:1000,V 1:1000. DATUM: 90.000



CHAINAGE	EXISTING LEVELS (DASHED GREEN LINE)	PROPOSED LEVELS (SOLID BLACK LINE)	LEVEL DIFFERENCE
00	104.620	104.620	0.000
10.000	104.228	104.228	0.000
20.000	103.793	103.793	0.000
30.000	103.262	102.557	-0.705
40.000	102.913	102.401	-0.512
50.000	102.749	102.244	-0.505
60.000	102.032	101.689	-0.343
70.000	101.351	101.549	0.198
80.000	100.762	100.242	-0.520
90.000	100.141	96.922	-3.219
100.000	99.520	95.150	-4.370
110.000	98.830	95.150	-3.680
120.000	98.029	95.150	-2.879
130.000	97.306	95.150	-2.156
140.000	96.525	95.150	-1.375
150.000	95.732	95.150	-0.582
160.000	95.273	95.150	-0.123
170.000	94.949	95.150	0.201
180.000	94.851	95.150	0.299
190.000	94.488	95.150	0.662
200.000	94.295	94.962	0.667
210.000	94.263	94.713	0.450
220.000	95.844	94.460	-1.384
230.000	96.323	94.208	-2.115
240.000	96.385	93.956	-2.430
250.000	96.273	93.705	-2.568
260.000	95.545	94.510	-1.035
270.000	92.497	92.497	0.000
278.359	93.007	93.007	

CUR_ALIGNMENT-D
SCALE: H 1:1000,V 1:1000. DATUM: 85.000

CHAINAGE	EXISTING LEVELS (DASHED GREEN LINE)	PROPOSED LEVELS (SOLID BLACK LINE)	LEVEL DIFFERENCE
00	99.254	99.254	0.000
10.000	97.873	97.873	0.000
20.000	96.309	96.309	0.000
30.000	94.519	94.519	0.000
40.000	92.769	92.769	0.000
50.000	91.885	91.885	0.000
60.000	91.842	91.842	0.000
70.000	91.820	91.820	0.000
80.000	91.950	91.950	0.000
90.000	91.871	91.871	0.000
100.000	91.809	91.809	0.000
110.000	91.753	91.753	0.000
120.000	91.372	91.494	0.122
130.000	90.516	91.504	0.989
140.000	89.854	90.747	0.894
150.000	89.535	91.519	1.984
160.000	89.480	91.993	2.513
170.000	89.616	89.616	0.000
180.000	88.345	88.345	0.000
190.000	91.366	91.366	0.000
200.000			
205.983			

GENERAL NOTES:

1. THE BULK EARTHWORKS ANALYSIS IS TO BE CARRIED OUT BY THE EARTHWORKS CONTRACTOR IN LINE WITH THE LEVELS INDICATED
2. THE LEVELS ARE BASED ON:
   - WARDELL ARMSTRONG, 2D TOPOGRAPHICAL SURVEY, DRAWING REF: SH10534-004, DATED 18/03/2014.
   - ELLIS HEALEY ARCHITECTURE PROPOSED SITE LAYOUT, DRAWING REF: 1856 PA101, RECEIVED 11/11/2019.
   - HTC ARCHITECTS PROPOSED SITE PLAN 2454 F404
   - 2m RESOLUTION DTM LIDAR DATA FROM THE ENVIRONMENT AGENCY
   - 30m RESOLUTION SRTMGL1 DATA
3. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTS AND ENGINEERS DRAWINGS AND SPECIFICATIONS.
4. DO NOT SCALE FROM THIS DRAWING. ANY AMBIGUITIES, ERRORS OR OMISSIONS ON DRAWINGS SHALL BE BROUGHT TO THE ENGINEERS ATTENTION IMMEDIATELY. ALL DIMENSIONS MUST BE CHECKED / VERIFIED ON SITE.
5. ALL DIMENSIONS ARE IN METRES UNLESS NOTED OTHERWISE.
6. SOME BATTER SLOPES ARE LOCATED OUTSIDE THE FENCE LINE AND LIMITS OF TOPOGRAPHICAL SURVEY, RETAINING STRUCTURE MAY BE REQUIRED OR A REVISION TO THE EXTENTS OF THE WORKS
7. ALL BATTER SLOPES TO THE PLOTS ARE MODELED AT 1:3
8. THE LOWER BASIN HAS BEEN DESIGNED IN ACCORDANCE WITH THE YORKSHIRE WATER GUIDANCE FOR ADOPTABLE BASINS, SUBJECT TO DETAILED DRAINAGE DESIGN AND HYDRAULIC MODELLING. THE NORTHERN BASINS ARE PRIVATE AND HAVE BEEN DESIGNED AS 1:3 SLOPES WITH 300mm OF TOPSOIL OVER AM IMPERMEABLE MEMBRANE

Rev:	Description:	Date:	By:	Chkd:
P02	ADDED LEVEL DIFFERENCE LINE SECTIONS AND LEVEL LABELS	28/08/20	OT	OT
P01	FIRST ISSUE	18/08/20	OT	OT

curtins
Rose Wharf Ground Floor, 78-80 East Street, Leeds, LS9 8EE
0113 274 8509
leeds@curtins.com
www.curtins.com
Civils & Structures • Transport Planning • Environmental • Infrastructure • Geotechnical • Conservation & Heritage • Principal Designer
Birmingham • Bristol • Cambridge • Cardiff • Douglas • Dublin • Edinburgh • Glasgow • Kendal • Leeds • Liverpool • London • Manchester • Nottingham

Status: SUITABLE FOR INFORMATION S2

Project: NORTH BIERLEY WWTW REDEVELOPMENT

Drg Title: SITE SECTIONS SHEET 1

Size:	Date:	Drawn By:	Designed By:	Checked By:
A1	18/08/20	OT	OT	OT
Scale: 1:1000				

Project No: | Originator: | Volume: | Level: | Type: | Role: | Category / Number: | Rev:

065646 - CUR - 00 - ZZ - DR - C - 91021 - P02

\\fs02\Projects\065646 FRA Addendum N Bierley WWTW\CAD\5 4 Production\4B Models & Drawings_Civil\C\CAD\91\