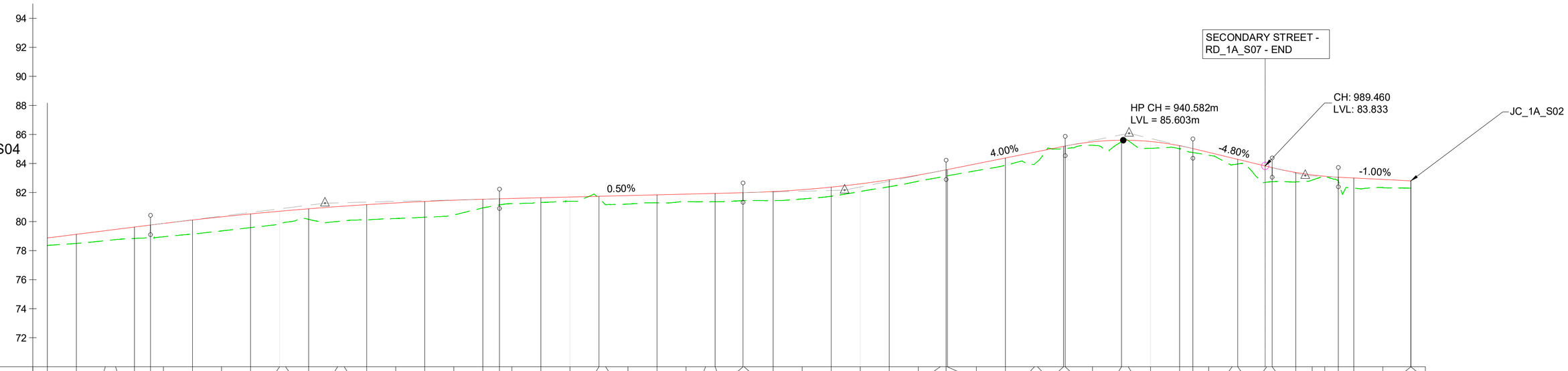
CONTINUATION TO REFER- 10051123-ARC-071-1A-DR-CE-00003

SECONDARY STREET - RD_1A_S04
SCALE: H 1:1000,V 1:200.
DATUM: 70.000

LONG-SECTION PRELIMINARY ONLY AND USED TO INFORM WIDER SITE LEVELS AND DRAINAGE STRATEGIES



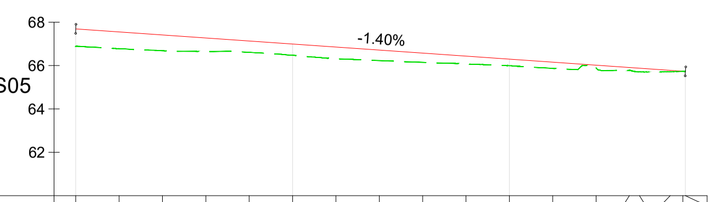
CHAINAGE (m)	PROPOSED LEVELS (m)	EXISTING LEVELS (m)
570.00	78.873	78.358
580.00	79.123	78.495
590.00	79.374	78.684
593.49	79.461	78.758
600.00	79.624	78.840
605.52	79.762	78.953
610.00	79.873	79.142
620.00	80.108	79.353
630.00	80.325	79.583
640.00	80.527	79.861
650.00	80.711	79.955
652.06	80.747	80.159
660.00	80.879	80.006
670.00	81.031	80.053
672.26	81.063	80.126
680.00	81.165	80.212
690.00	81.283	80.297
700.00	81.385	80.457
710.00	81.469	80.941
720.00	81.537	81.237
725.73	81.569	81.318
730.00	81.590	81.397
740.00	81.640	81.605
750.00	81.690	81.170
760.00	81.740	81.207
762.32	81.752	81.292
770.00	81.790	81.376
780.00	81.841	81.363
790.00	81.891	81.368
796.72	81.924	81.443
800.00	81.941	81.442
809.62	81.989	81.555
810.00	81.991	81.745
820.00	82.068	82.072
830.00	82.195	82.400
840.00	82.372	82.779
850.00	82.599	83.057
860.00	82.876	83.150
870.00	83.203	83.508
877.56	83.483	83.873
879.58	83.563	83.962
880.00	83.580	84.136
890.00	83.980	85.000
900.00	84.380	85.250
910.00	84.780	85.500
911.06	84.822	85.573
920.00	85.179	85.048
920.59	85.203	85.016
930.00	85.491	84.573
940.00	85.602	83.913
942.31	85.600	83.966
950.00	85.514	82.712
960.00	85.226	82.732
964.57	85.027	82.857
970.00	84.767	83.142
978.11	84.378	82.299
980.00	84.287	82.336
990.00	83.807	82.305
991.89	83.716	
1000.00	83.382	
1005.65	83.214	
1010.00	83.121	
1014.66	83.056	
1020.00	83.002	
1030.00	82.902	
1039.66	82.805	
1039.66		

HORIZONTAL GEOMETRY (m): Lt=85.21 | R=1000.00 Lc=58.57 | Lt=20.20 | R=635.00 Lc=90.06 | Lt=34.40 | R=90.00 Lc=80.84 | Lt=33.50 | R=35.00 Lc=31.25 | Lt=35.80 | R=20.00 Lc=27.54 | R=480.95 Lc=34.01

VERTICAL GEOMETRY (m): G=2.50% Lt=109.61 | R=6000.00 K =60.00 Lc=120.21 | G=0.50% Lt=83.89 | R=2000.00 K =20.00 Lc=69.96 | G=4.00% Lt=41.01 | R=500.00 K =5.00 Lc=43.98 | G=-4.80% Lt=27.32 | R=600.00 K =6.00 Lc=22.77 | G=-1.00% Lt=25.00

LONG-SECTION PRELIMINARY ONLY AND USED TO INFORM WIDER SITE LEVELS AND DRAINAGE STRATEGIES

SECONDARY STREET - RD_1A_S05
SCALE: H 1:1000,V 1:200.
DATUM: 60.000



CHAINAGE (m)	PROPOSED LEVELS (m)	EXISTING LEVELS (m)
0.00	67.692	66.895
10.00	67.552	66.778
20.00	67.413	66.682
30.00	67.273	66.651
40.00	67.134	66.611
50.00	66.994	66.471
60.00	66.855	66.316
70.00	66.715	66.230
80.00	66.576	66.144
90.00	66.436	66.073
100.00	66.297	65.994
110.00	66.157	65.870
120.00	66.018	65.893
127.66	65.911	65.777
130.00	65.878	65.707
137.08	65.779	65.718
140.00	65.739	65.728
140.59	65.730	65.730

HORIZONTAL GEOMETRY (m): Lt=127.66 | R=6.00 Lc=9.42 | Lt=3.50

VERTICAL GEOMETRY (m): G=-1.40% Lt=140.59

NOTES:

1. DO NOT SCALE FROM THIS DRAWING.
2. ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE SPECIFIED.
3. REFER TO GENERAL ARRANGEMENT DRAWING NUMBER 10051123-ARC-070-1A-DR-CE-00001 to 00016.

LEGEND:

	PROFILES EXTENSIONS
CH	CHAINAGE
Lt	LENGTH OF TANGENT
Lc	LENGTH OF CURVE
R	RADIUS
K	HORIZONTAL DISTANCE REQUIRED TO EFFECT A 1% CHANGE IN GRADIENT
G	GRADIENT
LVL	LEVEL
PVI	POINT OF VERTICAL INTERSECTION
HP	HIGH POINT
LP	LOW POINT
	TANGENT POINTS

Rev	Date	Description	Prod.	Chk.	Rev.	App.
P01	26/09/23	FIRST ISSUE	KS	CH	TF	SD
P02	30/10/23	REVISED IN LINE WITH COMMENTS	BP	CB	TF	SD
P03	07/08/24	ADDRESSING CLIENT COMMENTS	SP	CB	TF	SD
P04	12/05/25	PLANNING ISSUE	DH	CH	SD	SD

Homes England

Project:
West of Ifield

Site
Ifield, Crawley
West Sussex

Client
Homes England
Arpley House, 110 Birchwood Boulevard
Birchwood,
Warrington
WA3 7QH

ARCADIS

Registered office:
80 Fenchurch Street
London
EC3M 4BY

Coordinating office:
80 Fenchurch Street
London
EC3M 4BY
Tel: 44 (0)20 7812 2000

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Drawing Title:
WEST OF IFIELD
PHASE 1A HIGHWAY
CARRIAGEWAY LONG SECTIONS
SHEET 4 OF 4

Designed: D.Hillier	Signed: Digitally Signed	Date: 09/05/25
Produced: D.Hillier	Signed: Digitally Signed	Date: 09/05/25
Checked: C.Higgins	Signed: Digitally Signed	Date: 12/05/25
Reviewed: S.Davies	Signed: Digitally Signed	Date: 12/05/25
Approved: S.Davies	Signed: Digitally Signed	Date: 12/05/25
Design Stage: Detailed Design		
Original Size: A1	Grid: OS	Datum: ODN
Suitability Code: S5	Scale: AS SHOWN	Project Number: 10051123

Suitability Description:
Suitable for Review and Acceptance

Drawing Number: 10051123-ARC-071-1A-DR-CE-00004
Revision: P04