Ditch Longitudinal Section
Scale: H: 1-250 V: 1-50

DATUM 4.00 (levels 5.00, 6.00, 7.00)

Existing Re-graded Ditch | New Ditch (A)

New Ditch | Existing Ditch (B)

CHAINAGE	220.00	230.00	240.00	250.00	260.00	270.00	280.00	290.00	300.00 / 0.00	10.00	20.00	30.00	40.00	50.00	55.00
EXISTING DITCH LEVEL	6.079	5.962	5.794	5.657	5.468	5.393	5.431	5.324	5.761	5.885	5.900	5.872	5.870	5.646	4.850
PROPOSED DITCH LEVEL	5.221	5.220	5.166	5.139	5.111	5.084	5.056	5.029	5.001	4.974	4.946	4.919	4.891	4.864	4.850

Ditch Sections - Scale: H & V 1-100

Each section is drawn on DATUM 4.0 with levels 5.0, 6.0 and 7.0.

ALIGNMENT TRACK CHAINAGE 230.000
Cinders Lane ℄ / Ditch regraded CL / Existing Ditch

OFFSET		2.403	0.000	2.403	2.413	3.569	4.024	4.898
GROUND LEVEL	6.563	6.602	6.541	6.483			5.962	6.306
PROPOSED LEVEL		6.624	6.564	6.504	6.604	5.220	5.220	

ALIGNMENT TRACK CHAINAGE 240.000
Cinders Lane ℄ / Ditch regraded CL / Existing Ditch

OFFSET		2.400	0.000	2.400	2.410	3.765	4.320	4.770	5.570
GROUND LEVEL	6.366	6.417	6.466	6.467				5.794	6.162
PROPOSED LEVEL		6.531	6.471	6.411	6.511		5.166	5.166	

ALIGNMENT TRACK CHAINAGE 250.000
Cinders Lane ℄ / Ditch regraded CL / Existing Ditch

OFFSET		2.399	0.000	2.399	2.409		3.802	4.548	5.048	6.246
GROUND LEVEL	6.265	6.309	6.403	6.352					5.657	6.112
PROPOSED LEVEL		6.437	6.378	6.318	6.418	6.418	6.296	5.139	5.139	

ALIGNMENT TRACK CHAINAGE 260.000
Cinders Lane ℄ / Ditch regraded CL / Existing Ditch

OFFSET		2.400	0.000	2.400		4.229	5.143	5.643	6.943
GROUND LEVEL	6.129	6.233	6.232	6.202				5.468	6.102
PROPOSED LEVEL		6.344	6.284	6.224	6.324	6.290	5.111	5.111	

ALIGNMENT TRACK CHAINAGE 270.000
Cinders Lane ℄ / Ditch regraded CL / Existing Ditch

OFFSET		2.398	0.000	2.398	2.408	2.798	4.373	5.305	5.910	
GROUND LEVEL	6.161	6.111	6.109	6.090					5.395	6.041
PROPOSED LEVEL		6.251	6.191	6.131	6.231		6.200	5.084	5.084	

ALIGNMENT TRACK CHAINAGE 280.000
Cinders Lane ℄ / Ditch regraded CL / Existing Ditch

OFFSET		2.397	0.000	2.397	2.407	2.802	4.291	5.107	5.788	
GROUND LEVEL	6.079	6.041	6.023	5.928					5.431	5.965
PROPOSED LEVEL		6.158	6.098	6.038	6.138		6.100	5.056	5.056	

ALIGNMENT TRACK CHAINAGE 290.000
Cinders Lane ℄ / Ditch regraded CL / Existing Ditch

OFFSET		2.395	0.000	2.395	2.405	2.900	4.462	5.170	5.795	
GROUND LEVEL	5.957	5.849	5.813	5.827						5.877
PROPOSED LEVEL		6.065	6.005	5.945	6.045		6.025	5.029	5.029	

NEW DITCH: CHAINAGE 0.00 / CINDERS LANE: CHAINAGE 300.00
Cinders Lane CL / New Ditch CL

OFFSET		2.358	0.000	2.358	4.877	5.520	6.020	7.083
GROUND LEVEL	5.978	5.950	5.881	5.788		5.761		5.758
PROPOSED LEVEL		5.989	5.930	5.871	5.926	5.001	5.001	

CINDERS LANE: CHAINAGE 310.00 / NEW DITCH: CHAINAGE 10.00
Cinders Lane CL / New Ditch CL

OFFSET		2.318	0.000	2.318	4.619	4.997	6.297	6.797	7.732
GROUND LEVEL	5.845	5.900	5.870	5.832			5.885		5.910
PROPOSED LEVEL		6.033	5.975	5.917		5.900		5.120	

NEW DITCH: CHAINAGE 20.00
Access Road to Phase 2 / New Ditch CL / Garden Wall

OFFSET	8.38			1.40	0.32	0.00	0.32	1.47	3.35	
GROUND LEVEL	5.89					5.90			5.91	
PROPOSED LEVEL	6.025	6.125	6.150	6.00		4.974		6.00		6.05

NEW DITCH: CHAINAGE 30.00
Plot 17 / 3.0m / New Ditch CL / Garden Fence

OFFSET	5.02	4.13	2.90	1.13	2.90	0.00	2.90	1.10	1.50
GROUND LEVEL	5.95					5.872			5.85
PROPOSED LEVEL			6.25	6.00		4.919		6.00	

NEW DITCH: CHAINAGE 40.00
Garden Fence / 3.0m / New Ditch CL

OFFSET	6.00	4.10	2.63	1.10	0.25	0.00	0.25	1.50	1.80
GROUND LEVEL	6.00					5.870			5.68
PROPOSED LEVEL		6.11	6.06	6.00		4.891		5.80	

NEW DITCH: CHAINAGE 50.00
New Ditch CL / Garden Fence

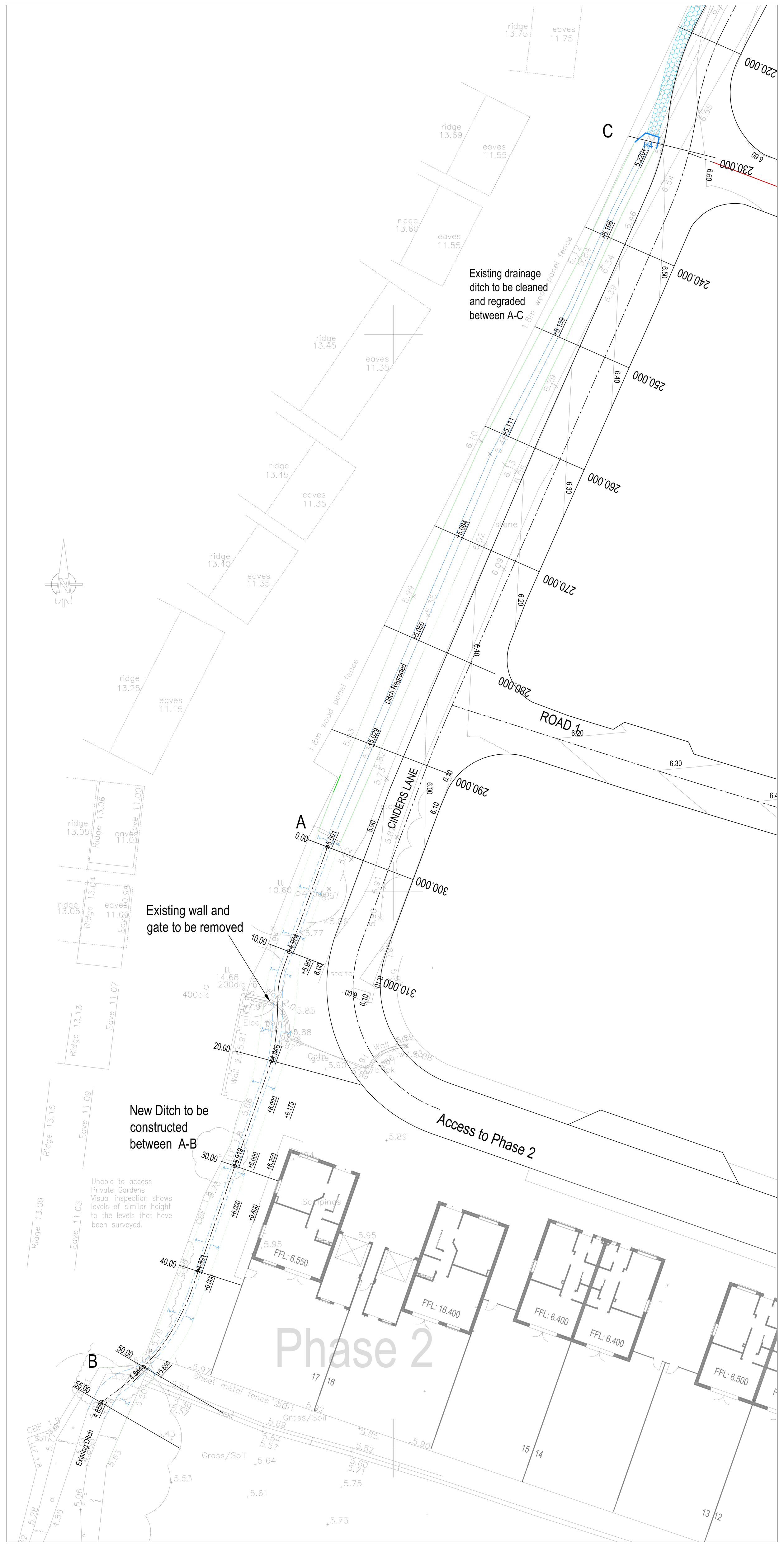
OFFSET	3.15	1.42	0.40	0.00	0.40	1.05	3.00
GROUND LEVEL	5.53	5.65		5.646			5.64
PROPOSED LEVEL		5.65		4.864		5.65	

EXISTING DITCH: CHAINAGE 55.00
Existing Ditch CL / Garden Fence

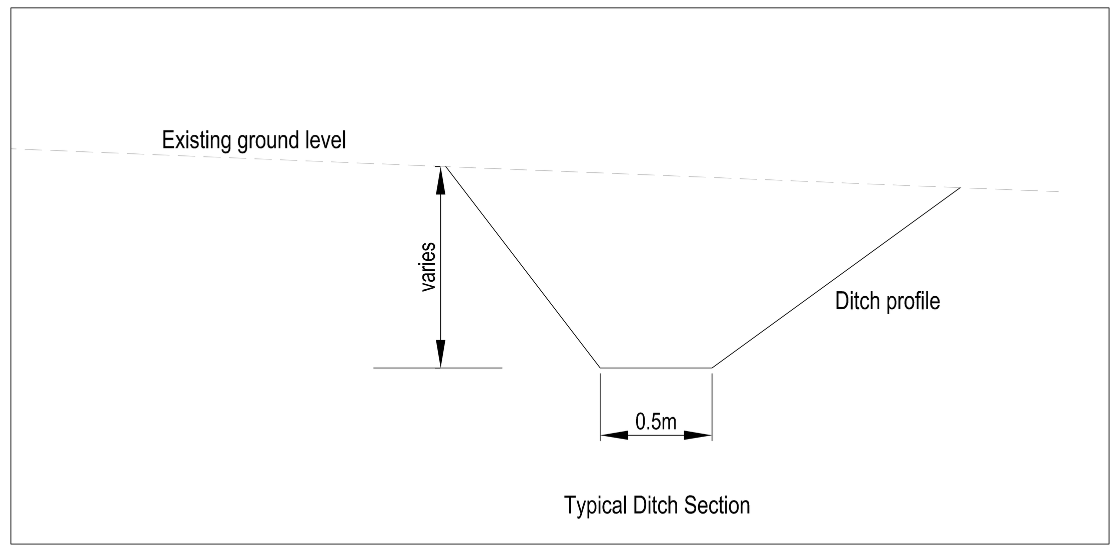
OFFSET	7.12	2.73	0.90	0.00	0.90	1.75	2.38
GROUND LEVEL	5.43	5.55		4.85		5.81	5.81
PROPOSED LEVEL							

Notes:

1. All levels are to Ordnance Datum.
2. This drawing to be read in conjunction with Drg. No. KNC1826-502-01



Ditch Sections Location Plan
Scale: 1-250



Typical Ditch Section - Scale: 1:20

Rev.	Date	Details	Initials
C	28.04.20	Plot 17 side path added, gate repositioned.	KN
B	27.04.20	Issued as A0. Plot 17 garden fence repositioned, ditch extended, regrading details and typical ditch profile added	KN
A	27.03.20	Initial issue	KN

Drawing Status: CONSTRUCTION

Project: CINDERS LANE YAPTON

Client: Crayfern HOMES

KAZYS NARBUTAS CONSULTING
Civil Engineering Consultant

Drawing Title: Engineering Details New Drainage Ditch Sections

Drawn	Checked	Scales	Paper Size	Date
KN		As Shown	A0	03.20

Job No.	Drawing No.	Revision
KNC1826	503-06	C

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ARUN DISTRICT COUNCIL