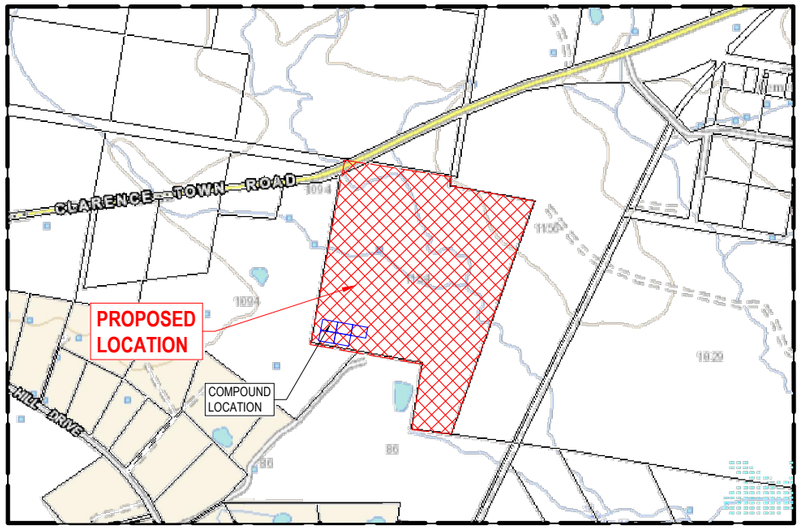
A3

PROPOSED BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736 CLARENCE TOWN ROAD 1154
OVERALL PLAN FOR DA16/2023/382/1 DA16/2023/383/1
DA16/2023/384/1 DA16/2023/385/1 DA16/2023/386/1



LOCALITY PLAN

DRAWING SCHEDULE		
NUMBER	TITLE	SCALE
1	COVER SHEET	N.T.S
2	SITE PLAN	1:3000
3	COMPOUND PAD WITH EXISTING FEATURES	1:1500
4	COMPOUND PAD WITH PROPOSED STRUCTURES	1:1000
5	MAIN ACCESS PLAN	1:500
6	MAIN ACCESS PLAN	1:500
7	MAIN ACCESS PLAN	1:500
8	MAIN ACCESS PLAN	1:500
9	MAIN ACCESS PLAN	1:500
10	MAIN ACCESS PLAN	1:500
11	MAIN ACCESS LONGITUDINAL SECTION	AS NOTED
12	MAIN ACCESS LONGITUDINAL SECTION	AS NOTED
13	MAIN ACCESS LONGITUDINAL SECTION	AS NOTED
14	MAIN ACCESS LONGITUDINAL SECTION	AS NOTED
15	MAIN ACCESS CROSS SECTIONS	1:100
16	MAIN ACCESS CROSS SECTIONS	1:100
17	MAIN ACCESS CROSS SECTIONS	1:100
18	MAIN ACCESS CROSS SECTIONS	1:100
19	MAIN ACCESS CROSS SECTIONS	1:100
20	MAIN ACCESS CROSS SECTIONS	1:100
21	MAIN ACCESS CROSS SECTIONS	1:100
22	MAIN ACCESS CROSS SECTIONS	1:100
23	CONNECTION ACCESS LONGITUDINAL SECTION	AS NOTED
24	CONNECTION ACCESS CROSS SECTIONS	1:100
25	PAD SITE PLAN SHOWING FENCING & LEVELS	1:500
26	BESS SECTION 1	1:250
27	BESS SECTION 1	1:250
28	BESS SECTION 2	1:250
29	BESS SECTION 2	1:250
30	BESS CROSS SECTIONS	1:250
31	BESS CROSS SECTIONS	1:250
32	BESS CROSS SECTIONS	1:250
33	BESS CROSS SECTIONS	1:250
34	SECTION A	1:250
35	SECTION A	1:250
36	SECTION B	1:250
37	SECTION C	1:250
38	SECTION C	1:250
39	SECTION D	1:250
40	DETAILS	AS NOTED

REV	DATE	DESCRIPTION	INITIAL	APPR.
F	20/03/24	DA ISSUE - UPDATED VEHICULAR ACCESS	S.J.	R.F
E	13/03/24	DA ISSUE - VEHICULAR ACCESS	R.F.	R.F
D	20/12/23	DA ISSUE - ADJUST DRIVEWAY 2 PROFILE	R.F.	R.F
C	23/11/23	DA ISSUE	P.C.	R.F
B	05/07/23	DA ISSUE	S.S	R.F
A	20/06/23	PRELIMINARY ISSUE	S.S	R.F

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DATUM : AHD
REDUCED LEVEL :
ORIGIN OF LEVELS :
CONTOUR INTERVAL: 1.0m
DESIGNED: R.F. DRAWN: P.C.
CHECKED: R.F. APPROVED: R.F.

CLIENT
CLEAN ENERGY TRANSFER FUND PTY LTD

PLAN:

LONGITUDINAL SECTION :
HORIZ. N/A
VERT. N/A

CROSS SECTION :
HORIZ. N/A
VERT. N/A

PROJECT OVERALL PROPOSED
BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736
1154 CLARENCE TOWN ROAD, SEAHAM

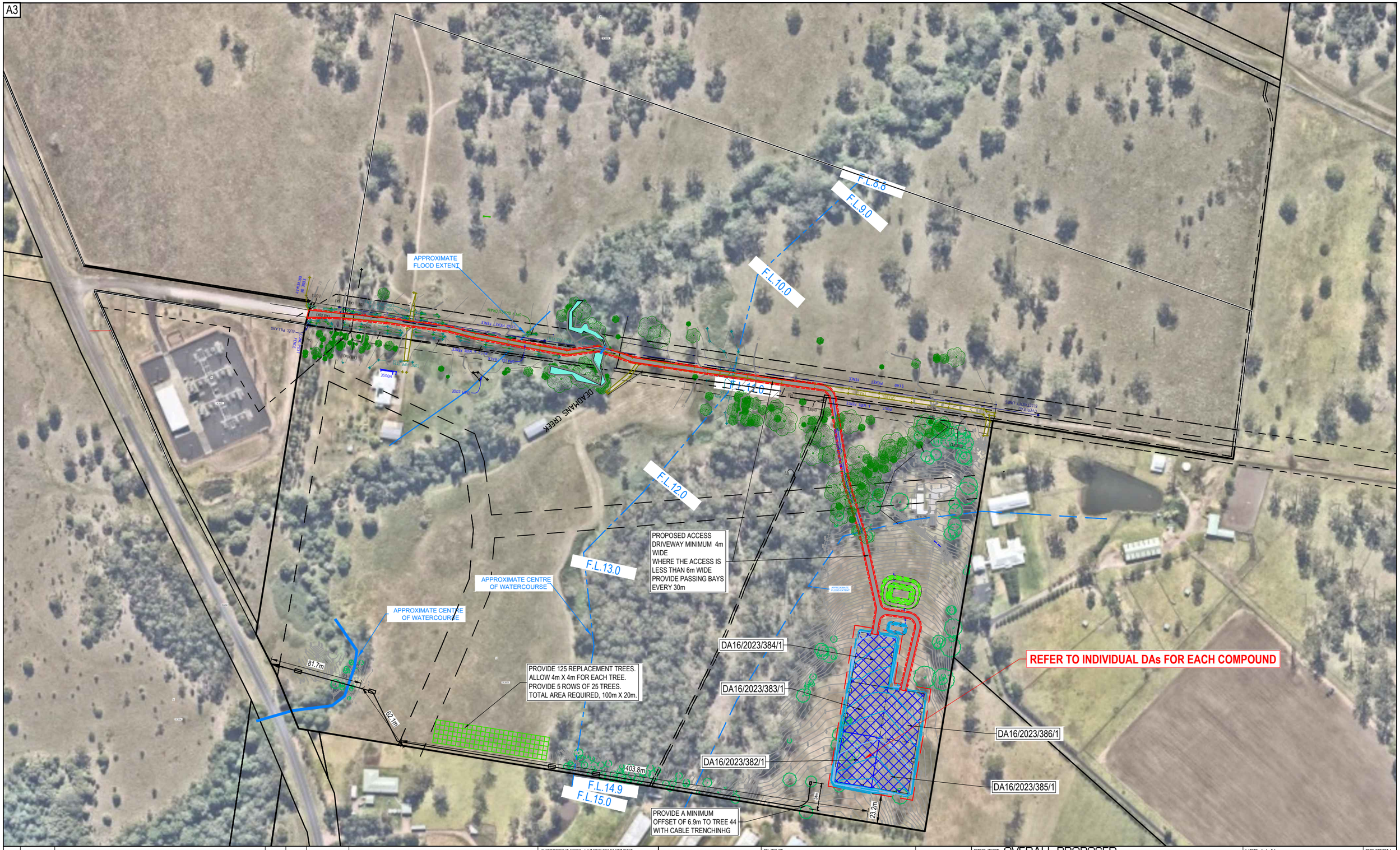
DRAWING TITLE
COVER SHEET

SHEET 1 OF 40 SHEETS

HDB Job No 22158
REVISION F
DWG No 22158(CD)RevF-0 - 1

DA ISSUE

A3



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E	13/03/24	DA ISSUE - VEHICULAR ACCESS	R.F.	R.F
D	20/12/23	DA ISSUE - ADJUST DRIVEWAY 2 PROFILE	R.F.	R.F
C	23/11/23	DA ISSUE	P.C.	R.F
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DATUM : AHD
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ORIGIN OF LEVELS :
CONTOUR INTERVAL: 1.0m
DESIGNED: R.F. DRAWN: P.C.
CHECKED: R.F. APPROVED: R.F.

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CLEAN ENERGY TRANSFER FUND PTY LTD

PLAN: 1: 3000 @ A3
LONGITUDINAL SECTION : HORIZ. N/A VERT. N/A
CROSS SECTION : HORIZ. N/A VERT. N/A

PROJECT OVERALL PROPOSED BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736
1154 CLARENCE TOWN ROAD, SEAHAM

DRAWING TITLE
SITE PLAN

SHEET 2 OF 40 SHEETS

HDB Job No 22158
REVISION F
DWG No 22158(CD-OA)REV-C-2

DA ISSUE

30 0 30 60 90
1:3000 @ A3

A3

REV	DATE	DESCRIPTION	INITIAL	APPR.
F	20/03/24	DA ISSUE - UPDATED VEHICULAR ACCESS	S.J.	R.F
E	13/03/24	DA ISSUE - VEHICULAR ACCESS	R.F.	R.F
D	20/12/23	DA ISSUE - ADJUST DRIVEWAY 2 PROFILE	R.F.	R.F
C	23/11/23	DA ISSUE	P.C.	R.F
B	05/07/23	DA ISSUE	S.S	R.F
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CHECKED: R.F. APPROVED: R.F.

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PLAN: 1:1500 @ A3
LONGITUDINAL SECTION : HORIZ. N/A VERT. N/A
CROSS SECTION : HORIZ. N/A VERT. N/A

PROJECT OVERALL PROPOSED
BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736
1154 CLARENCE TOWN ROAD, SEAHAM

DRAWING TITLE
COMPOUND PAD WITH EXISTING FEATURES

SHEET 3 OF 40 SHEETS

HDB Job No 22158
REVISION F
DWG No 22158(CD)RevF-0 - 3

DA ISSUE

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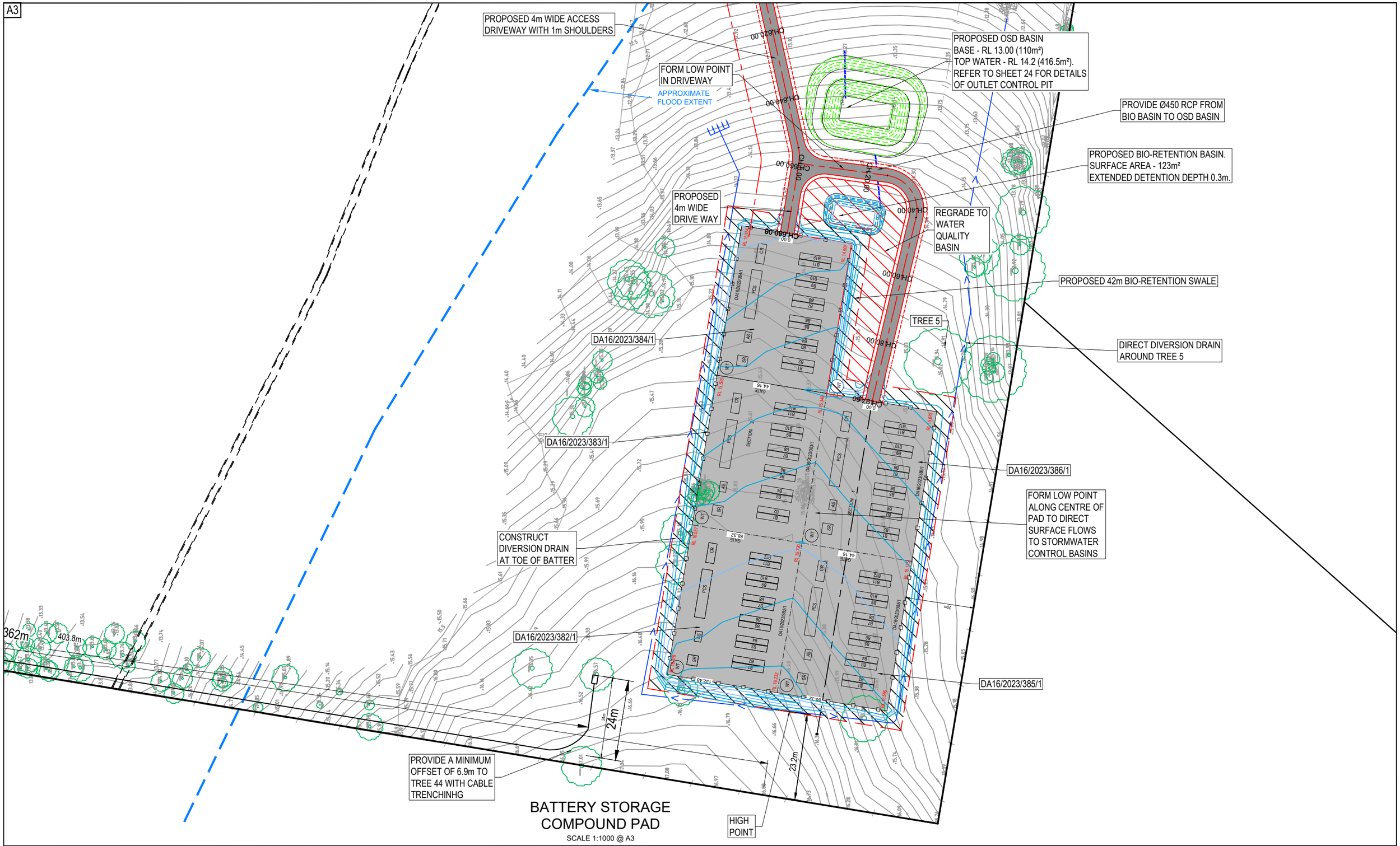
A3



BATTERY STORAGE COMPOUND PAD

SCALE 1:1000 @ A3

REV	DATE	DESCRIPTION	INITIAL	APPR.
F	20/03/24	DA ISSUE - UPDATED VEHICULAR ACCESS	S.J.	R.F
E	13/03/24	DA ISSUE - VEHICULAR ACCESS	R.F.	R.F
D	20/12/23	DA ISSUE - ADJUST DRIVEWAY 2 PROFILE	R.F.	R.F
C	23/11/23	DA ISSUE	P.C.	R.F
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A	20/06/23	PRELIMINARY ISSUE	S.S	R.F

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DESIGNED: R.F. DRAWN: P.C.
CHECKED: R.F. APPROVED: R.F.

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PLAN: 1:1000 @ A3

LONGITUDINAL SECTION : HORIZ. N/A VERT. N/A

CROSS SECTION : HORIZ. N/A VERT. N/A

PROJECT OVERALL PROPOSED
BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736
1154 CLARENCE TOWN ROAD, SEAHAM

DRAWING TITLE
COMPOUND PAD WITH PRO STRUCTURES

SHEET 4 OF 40 SHEETS

HDB Job No 22158

REVISION F

DWG No 22158(CD)RevF-0 - 4

DA ISSUE

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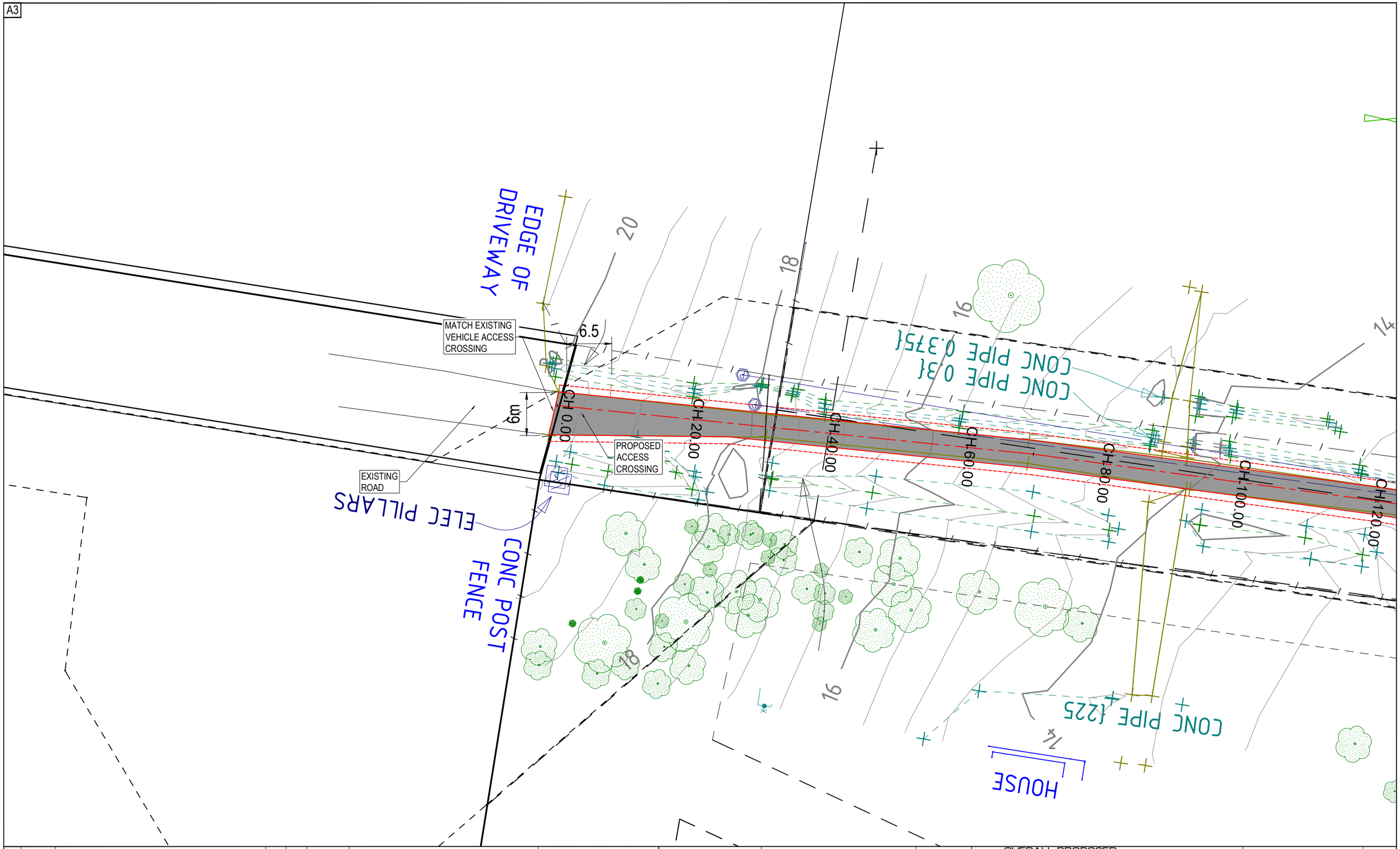
A3



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E	13/03/24	DA ISSUE - VEHICULAR ACCESS	R.F.	R.F
D	20/12/23	DA ISSUE - ADJUST DRIVEWAY 2 PROFILE	R.F.	R.F
C	23/11/23	DA ISSUE	P.C.	R.F
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CHECKED: R.F. APPROVED: R.F.

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PLAN: 1:500 @ A3

LONGITUDINAL SECTION : HORIZ. N/A VERT. N/A

CROSS SECTION : HORIZ. N/A VERT. N/A

PROJECT OVERALL PROPOSED BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736
1154 CLARENCE TOWN ROAD, SEAHAM

DRAWING TITLE
ACCESS DETAIL

SHEET 5 OF 40 SHEETS

HDB Job No 22158
REVISION F
DWG No 22158(CD)RevF-0 - 5

DA ISSUE

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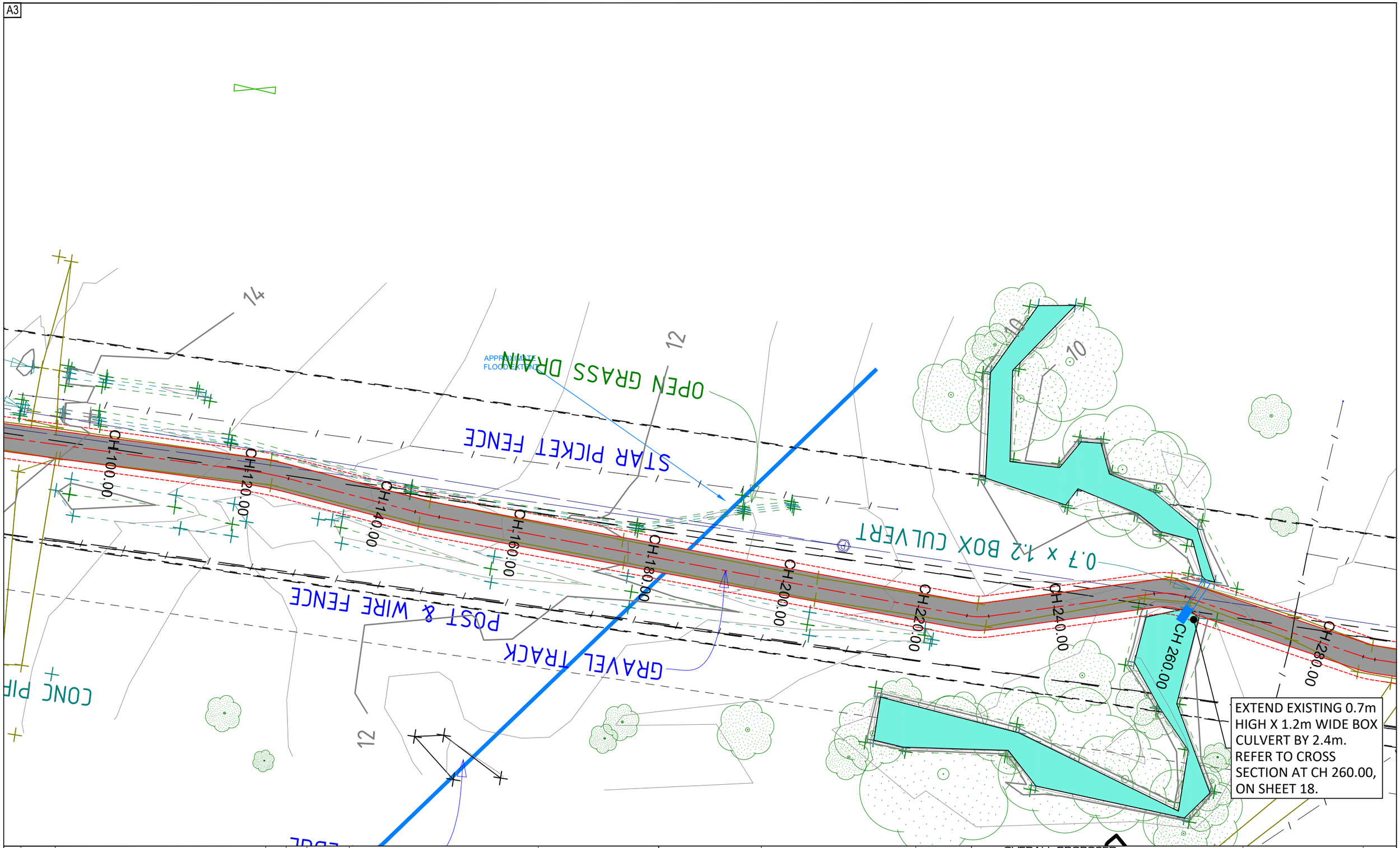
1:500 @ A3

A3



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F	20/03/24	DA ISSUE - UPDATED VEHICULAR ACCESS	S.J.	R.F
E	13/03/24	DA ISSUE - VEHICULAR ACCESS	R.F.	R.F
D	20/12/23	DA ISSUE - ADJUST DRIVEWAY 2 PROFILE	R.F.	R.F
C	23/11/23	DA ISSUE	P.C.	R.F
B	05/07/23	DA ISSUE	S.S	R.F
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CHECKED: R.F. APPROVED: R.F.

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CLEAN ENERGY TRANSFER FUND PTY LTD

PLAN: 1:500 @ A3
LONGITUDINAL SECTION : HORIZ. N/A VERT. N/A
CROSS SECTION : HORIZ. N/A VERT. N/A

PROJECT OVERALL PROPOSED BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736
1154 CLARENCE TOWN ROAD, SEAHAM

DRAWING TITLE
ACCESS DETAIL

SHEET 6 OF 40 SHEETS

HDB Job No 22158
REVISION F
DWG No 22158(CD)RevF-0 - 6

DA ISSUE

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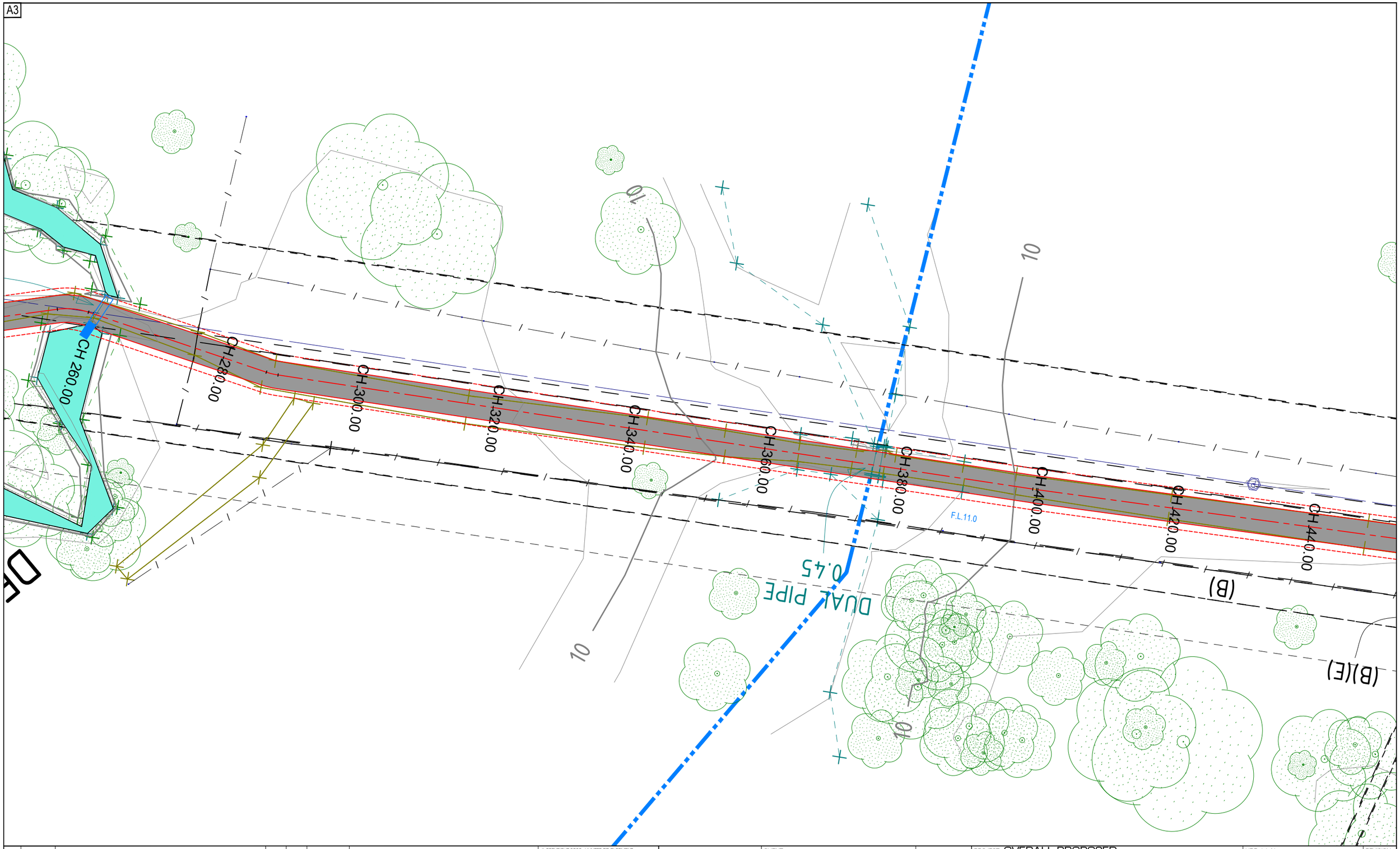
1:500 @ A3

A3



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E	13/03/24	DA ISSUE - VEHICULAR ACCESS	R.F.	R.F
D	20/12/23	DA ISSUE - ADJUST DRIVEWAY 2 PROFILE	R.F.	R.F
C	23/11/23	DA ISSUE	P.C.	R.F
B	05/07/23	DA ISSUE	S.S	R.F
A	20/06/23	PRELIMINARY ISSUE	S.S	R.F

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DATUM : AHD
REDUCED LEVEL :
ORIGIN OF LEVELS :
CONTOUR INTERVAL: 1.0m
DESIGNED: R.F. DRAWN: P.C.
CHECKED: R.F. APPROVED: R.F.

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CLEAN ENERGY TRANSFER FUND PTY LTD

PLAN: 1:500 @ A3
LONGITUDINAL SECTION : HORIZ. N/A VERT. N/A
CROSS SECTION : HORIZ. N/A VERT. N/A

PROJECT OVERALL PROPOSED BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736
1154 CLARENCE TOWN ROAD, SEAHAM

DRAWING TITLE
ACCESS DETAIL

SHEET 7 OF 40 SHEETS

HDB Job No 22158
REVISION F
DWG No 22158(CD)RevF-O - 7
DA ISSUE
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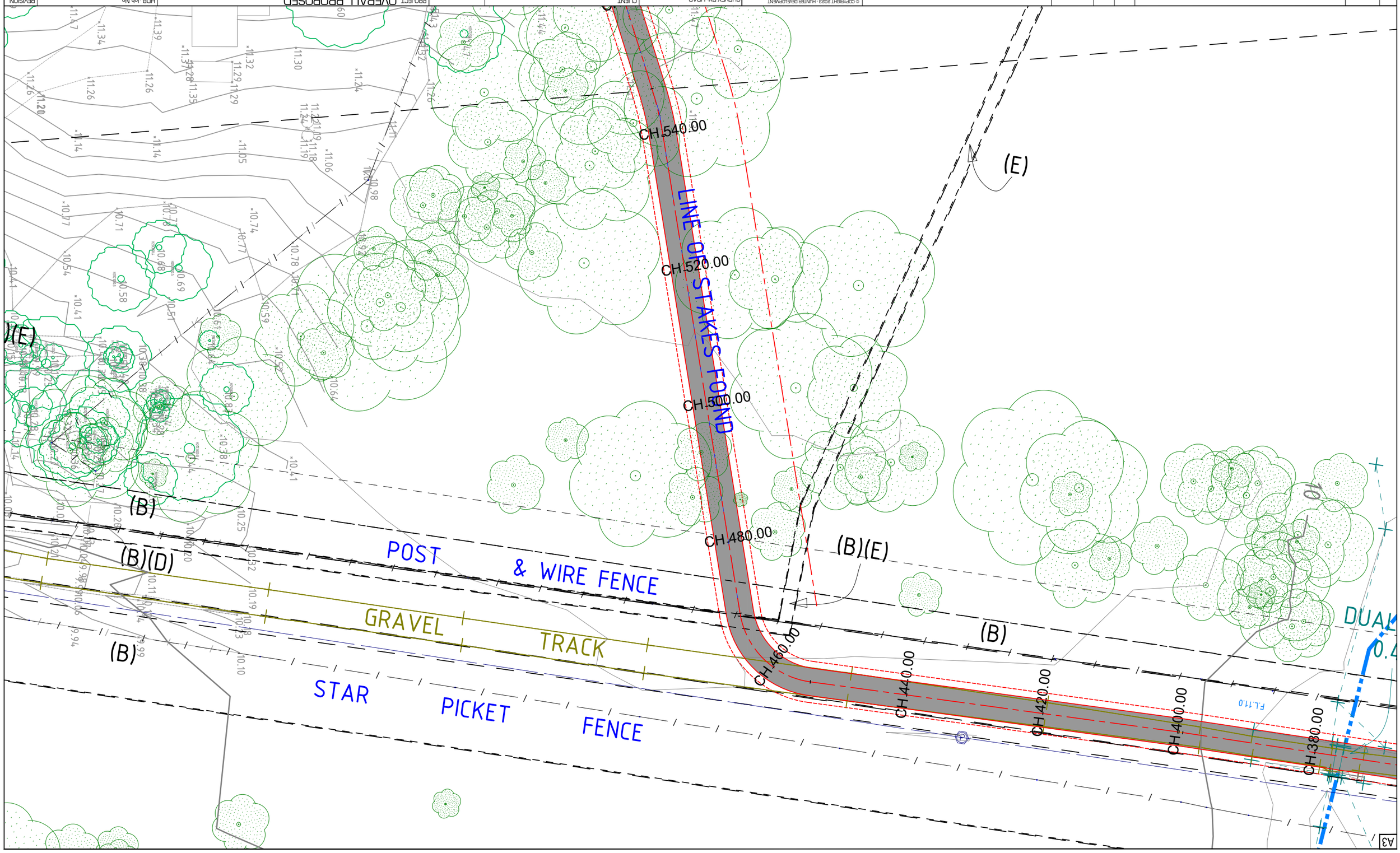
1:500 @ A3



A3

CH380.00
CH400.00
CH420.00
CH440.00
CH460.00
CH480.00
CH500.00
CH520.00
CH540.00

F.L.11.0

(B)
(B)(E)
(B)(D)
(E)

STAR PICKET FENCE
GRAVEL TRACK
POST & WIRE FENCE

LINE OF STAKES FOUND

REV	DATE	DESCRIPTION	INITIAL	APPR.
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E	13/03/24	DA ISSUE - VEHICULAR ACCESS	R.F.	R.F
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SURVEY BY: LIDAR
DATUM : AHD
REDUCED LEVEL :
ORIGIN OF LEVELS :
CONTOUR INTERVAL: 1.0m
DESIGNED: R.F. DRAWN: P.C.
CHECKED: R.F. APPROVED: R.F.

CLIENT
CLEAN ENERGY TRANSFER FUND PTY LTD

PLAN: 1:500 @ A3
LONGITUDINAL SECTION : HORIZ. N/A VERT. N/A
CROSS SECTION : HORIZ. N/A VERT. N/A

PROJECT OVERALL PROPOSED BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736
1154 CLARENCE TOWN ROAD, SEAHAM

DRAWING TITLE
ACCESS DETAIL

SHEET 8 OF 40 SHEETS

HDB Job No 22158
REVISION F
DWG No 22158(CD)RevF-0 - 8

DA ISSUE

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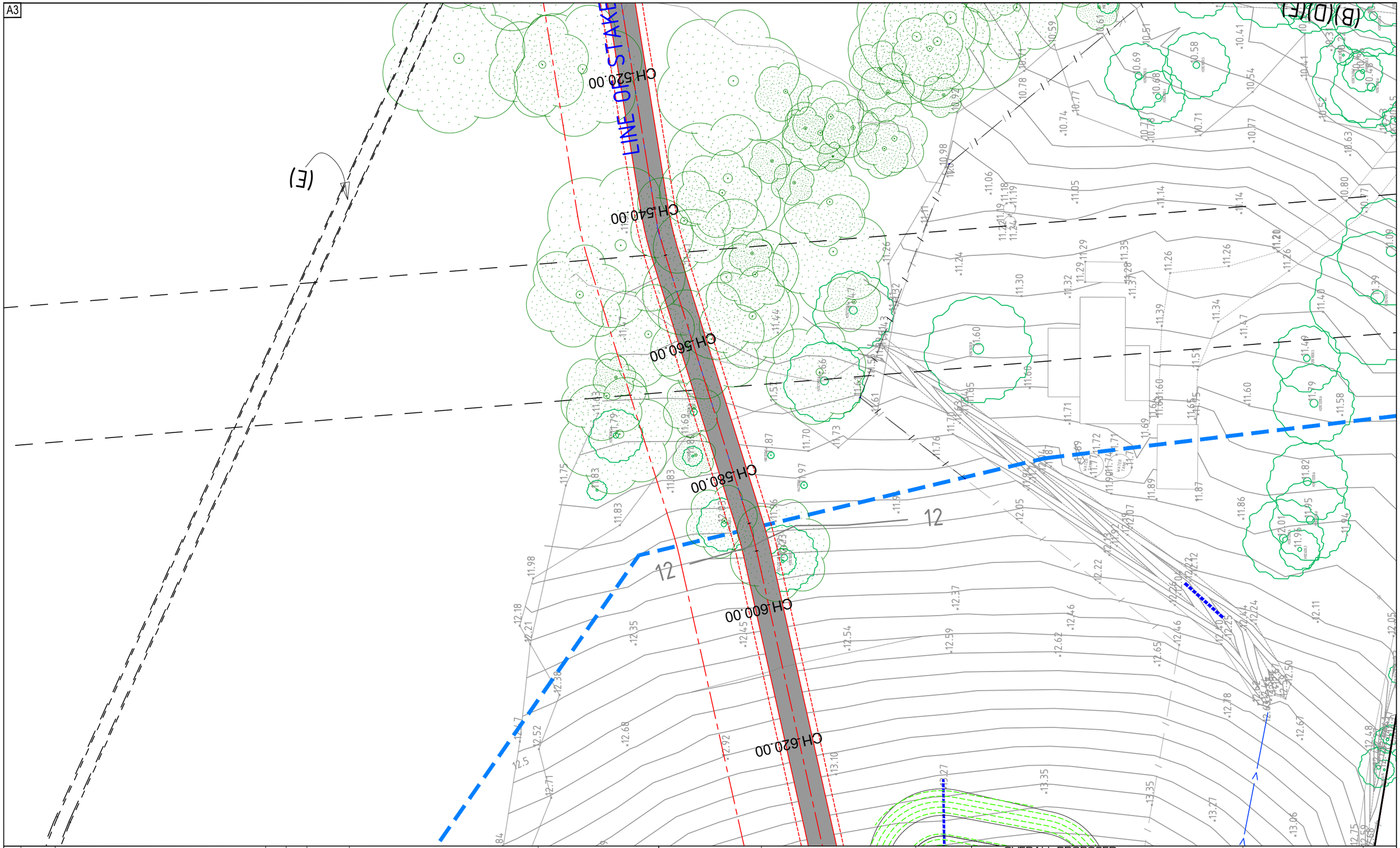
1:500 @ A3

A3



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DATUM : AHD
REDUCED LEVEL :
ORIGIN OF LEVELS :
CONTOUR INTERVAL: 1.0m
DESIGNED: R.F. DRAWN: P.C.
CHECKED: R.F. APPROVED: R.F.

CLIENT
CLEAN ENERGY TRANSFER FUND PTY LTD

PLAN: 1:500 @ A3

LONGITUDINAL SECTION : HORIZ. N/A VERT. N/A

CROSS SECTION : HORIZ. N/A VERT. N/A

PROJECT OVERALL PROPOSED BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736
1154 CLARENCE TOWN ROAD, SEAHAM

DRAWING TITLE
ACCESS DETAIL

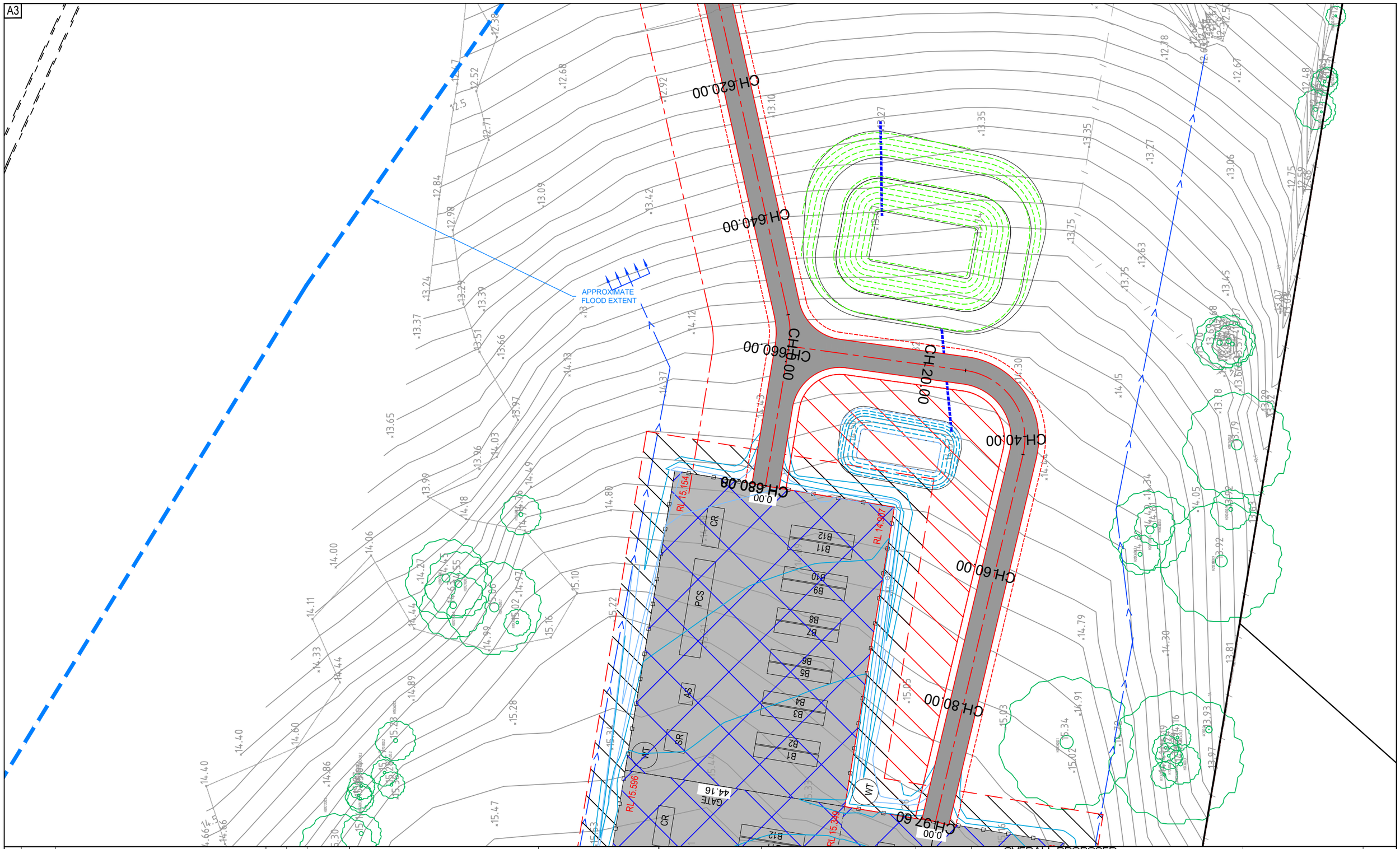
SHEET 9 OF 40 SHEETS

HDB Job No 22158
REVISION F
DWG No 22158(CD)RevF-O - 9

DA ISSUE

5 0 5 10 15
1:500 @ A3

A3



REV	DATE	DESCRIPTION	INITIAL	APPR.
F	20/03/24	DA ISSUE - UPDATED VEHICULAR ACCESS	S.J.	R.F
E	13/03/24	DA ISSUE - VEHICULAR ACCESS	R.F.	R.F
D	20/12/23	DA ISSUE - ADJUST DRIVEWAY 2 PROFILE	R.F.	R.F
C	23/11/23	DA ISSUE	P.C.	R.F
B	05/07/23	DA ISSUE	S.S	R.F
A	20/06/23	PRELIMINARY ISSUE	S.S	R.F

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SURVEY BY: LIDAR
DATUM : AHD
REDUCED LEVEL :
ORIGIN OF LEVELS :
CONTOUR INTERVAL: 1.0m
DESIGNED: R.F. DRAWN: P.C.
CHECKED: R.F. APPROVED: R.F.

CLIENT
CLEAN ENERGY TRANSFER FUND PTY LTD

PLAN: 1:500 @ A3

LONGITUDINAL SECTION : HORIZ. N/A VERT. N/A

CROSS SECTION : HORIZ. N/A VERT. N/A

PROJECT OVERALL PROPOSED
BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736
1154 CLARENCE TOWN ROAD, SEAHAM

DRAWING TITLE
ACCESS DETAIL

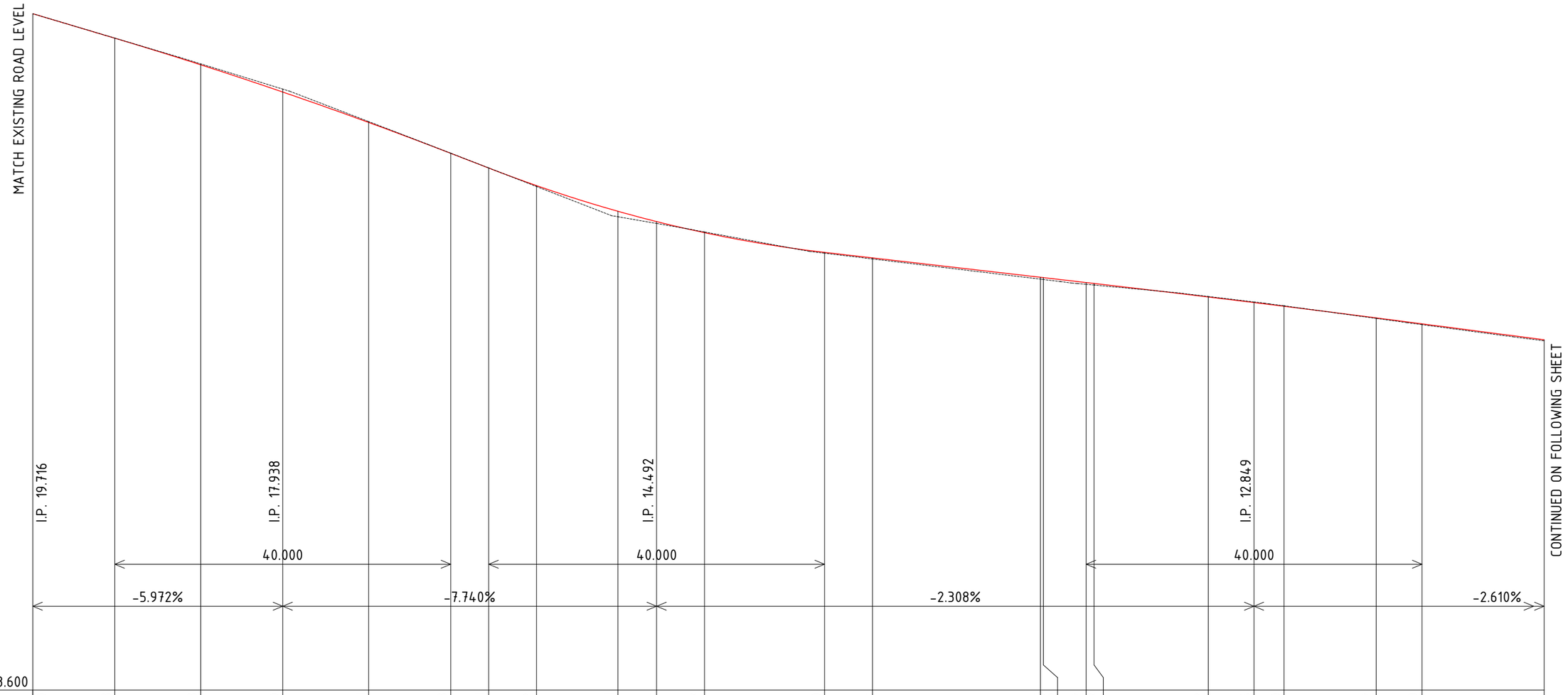
SHEET 10 OF 40 SHEETS

HDB Job No 22158
REVISION F
DWG No 22158(CD)RevF-0 - 10

DA ISSUE

5 0 5 10 15
1:500 @ A3

A3



RL 3.600

CENTRELINE CUT/FILL	0.000	-0.003	-0.023	-0.070	-0.021	-0.003	-0.001	0.022	0.131	0.044	-0.017	0.020	0.024	0.044	0.045	0.042	0.037	-0.012	-0.015	-0.010	0.012	0.019	0.024
DESIGN SURFACE	19.716	19.132	18.498	17.850	17.125	16.390	16.040	15.621	15.009	14.763	14.499	14.030	13.898	13.437	13.429	13.311	13.289	12.967	12.834	12.746	12.468	12.327	11.947
EXISTING SURFACE	**19.72**	19.13	18.52	17.92	17.15	16.39	16.04	15.60	**14.88**	14.72	14.52	14.01	13.87	13.39	**13.38**	13.27	**13.25**	12.98	**12.85**	**12.76**	12.46	12.31	11.92
CHAINAGE	0.000	9.772	20.000	29.772	40.000	49.772	54.301	60.000	69.690	74.301	80.000	94.301	100.000	120.000	120.353	125.451	126.390	140.000	145.451	149.021	160.000	165.451	180.000

MAIN ACCESS CENTRELINE LONGITUDINAL SECTION - CH 0.000 TO CH 180.00

SCALES: HORIZONTAL 1:500 VERTICAL 1:100

REV	DATE	DESCRIPTION	INITIAL	APPR.
F	20/03/24	DA ISSUE - UPDATED VEHICULAR ACCESS	S.J.	R.F.
E	13/03/24	DA ISSUE - VEHICULAR ACCESS	R.F.	R.F.
D	20/12/23	DA ISSUE - ADJUST DRIVEWAY 2 PROFILE	R.F.	R.F.
C	23/11/23	DA ISSUE	P.C.	R.F.
B	05/07/23	DA ISSUE	S.S.	R.F.
A	20/06/23	PRELIMINARY ISSUE	S.S.	R.F.

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SURVEY BY: LIDAR
DATUM : AHD
REDUCED LEVEL :
ORIGIN OF LEVELS :
CONTOUR INTERVAL: 1.0m
DESIGNED: R.F. DRAWN: P.C.
CHECKED: R.F. APPROVED: R.F.

CLIENT
CLEAN ENERGY TRANSFER FUND PTY LTD

PLAN:
LONGITUDINAL SECTION : HORIZ. N/A VERT. N/A
CROSS SECTION : HORIZ. N/A VERT. N/A

PROJECT OVERALL PROPOSED
BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736
1154 CLARENCE TOWN ROAD, SEAHAM

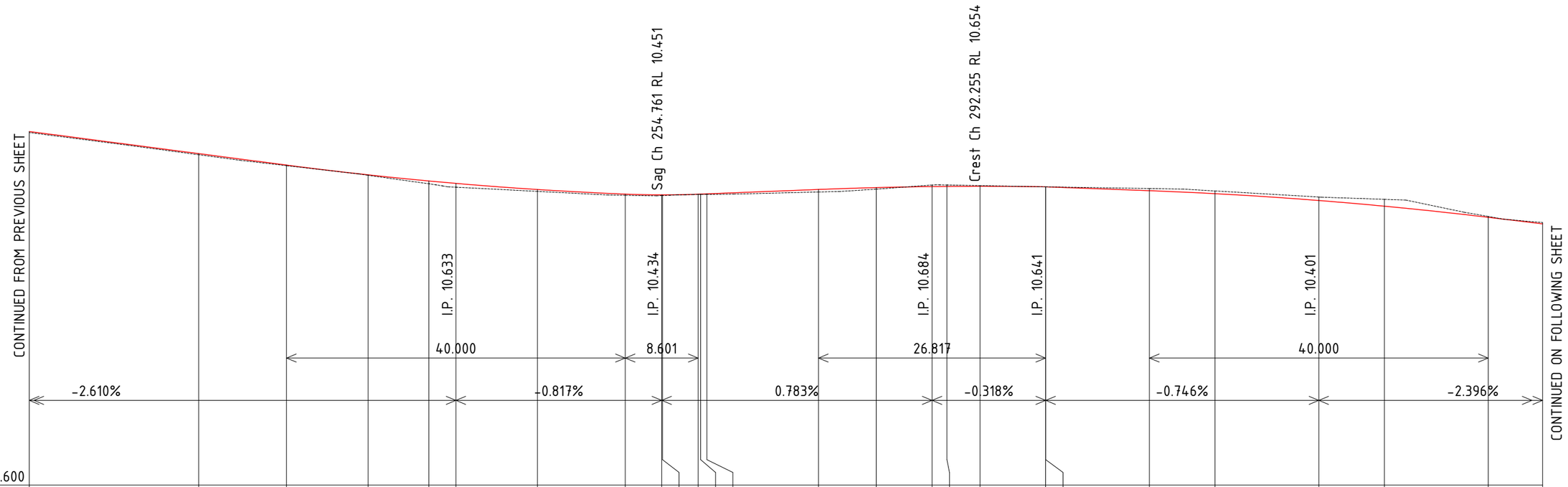
DRAWING TITLE
MAIN ACCESS LONGITUDINAL SECTION

SHEET 11 OF 40 SHEETS

HDB Job No 22158
REVISION F
DWG No 22158(CD)RevF-0 - 11

DA ISSUE

A3



CENTRELINE CUT/FILL	0.024	0.026	0.014	0.011	0.066	0.089	0.044	0.027	0.017	0.016	0.008	0.009	0.014	0.060	0.037	-0.037	-0.035	-0.016	0.000	0.000	-0.051	-0.064	-0.083	-0.162	-0.021	-0.030
DESIGN SURFACE	11.947	11.425	11.155	10.924	10.779	10.722	10.578	10.469	10.451	10.451	10.468	10.470	10.476	10.579	10.623	10.647	10.650	10.654	10.641	10.641	10.550	10.480	10.318	10.184	9.921	9.768
EXISTING SURFACE	11.92	11.40	11.14	10.91	**10.71**	**10.63**	10.53	10.44	**10.43**	10.43	10.46	**10.46**	10.46	10.52	10.59	**10.68**	**10.68**	10.67	10.64	10.64	10.60	10.54	10.40	10.35	9.94	9.80
CHAINAGE	180.000	200.000	210.366	220.000	227.172	230.366	240.000	250.366	254.667	254.761	258.967	259.267	260.000	273.182	280.000	286.590	288.341	292.255	299.999	300.000	312.253	320.000	332.253	340.000	352.253	358.674

MAIN ACCESS CENTRELINE LONGITUDINAL SECTION - CH 180.000 TO CH 358.674

SCALES: HORIZONTAL 1:500 VERTICAL 1:100

REV	DATE	DESCRIPTION	INITIAL	APPR.
F	20/03/24	DA ISSUE - UPDATED VEHICULAR ACCESS	S.J.	R.F.
E	13/03/24	DA ISSUE - VEHICULAR ACCESS	R.F.	R.F.
D	20/12/23	DA ISSUE - ADJUST DRIVEWAY 2 PROFILE	R.F.	R.F.
C	23/11/23	DA ISSUE	P.C.	R.F.
B	05/07/23	DA ISSUE	S.S	R.F.
A	20/06/23	PRELIMINARY ISSUE	S.S	R.F.

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SURVEY BY: LIDAR
DATUM : AHD
REDUCED LEVEL :
ORIGIN OF LEVELS :
CONTOUR INTERVAL: 1.0m
DESIGNED: R.F. DRAWN: P.C.
CHECKED: R.F. APPROVED: R.F.

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CLEAN ENERGY TRANSFER FUND PTY LTD

PLAN:
LONGITUDINAL SECTION : HORIZ. N/A VERT. N/A
CROSS SECTION : HORIZ. N/A VERT. N/A

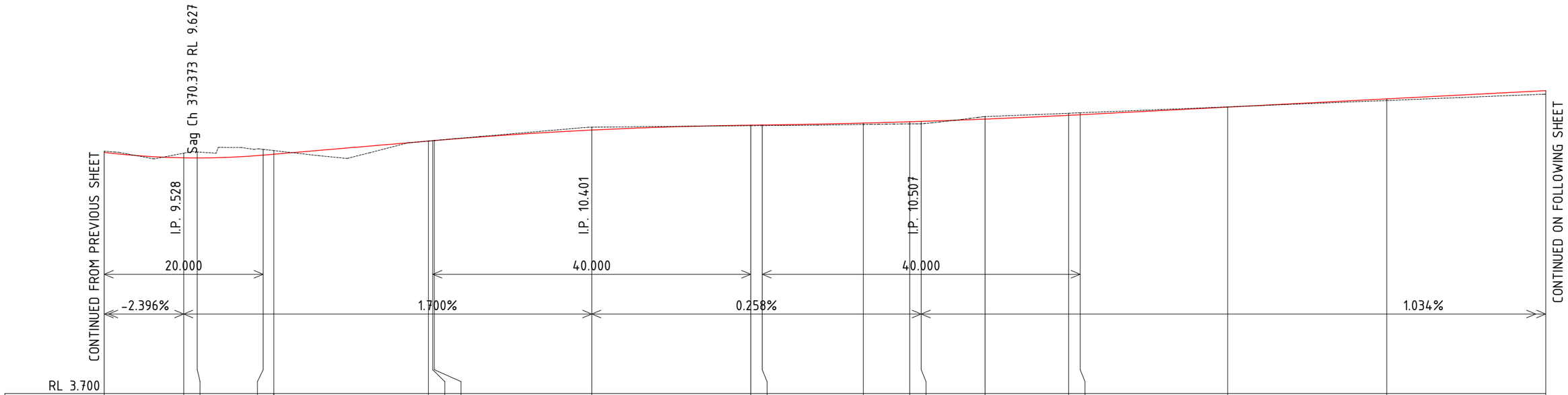
PROJECT OVERALL PROPOSED BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736
1154 CLARENCE TOWN ROAD, SEAHAM

DRAWING TITLE
MAIN ACCESS LONGITUDINAL SECTION

SHEET 12 OF 40 SHEETS

HDB Job No 22158
REVISION F
DWG No 22158(CD)RevF-0 - 12
DA ISSUE

A3



CENTRELINE CUT/FILL	-0.030	-0.116	-0.150	-0.145	-0.092	-0.002	-0.001	-0.002	-0.073	0.013	0.015	0.034	0.053	0.060	-0.063	-0.051	-0.049	-0.006	0.041	0.087
DESIGN SURFACE	9.768	9.630	9.627	9.698	9.721	10.051	10.061	10.064	10.328	10.452	10.456	10.504	10.537	10.546	10.604	10.700	10.714	10.906	11.113	11.320
EXISTING SURFACE	9.80	9.75	9.78	9.84	9.81	**10.05**	10.06	**10.07**	10.40	10.44	10.44	**10.47**	10.48	10.49	**10.67**	10.75	10.76	10.91	11.07	11.23
CHAINAGE	358.674	368.674	370.373	378.674	380.000	399.457	400.000	400.196	420.000	440.000	441.443	454.171	460.000	461.443	469.481	480.000	481.443	500.000	520.000	540.000

MAIN ACCESS CENTRELINE LONGITUDINAL SECTION - CH 358.674 TO CH 540.000

SCALES: HORIZONTAL 1:500 VERTICAL 1:100

REV	DATE	DESCRIPTION	INITIAL	APPR.
F	20/03/24	DA ISSUE - UPDATED VEHICULAR ACCESS	S.J.	R.F.
E	13/03/24	DA ISSUE - VEHICULAR ACCESS	R.F.	R.F.
D	20/12/23	DA ISSUE - ADJUST DRIVEWAY 2 PROFILE	R.F.	R.F.
C	23/11/23	DA ISSUE	P.C.	R.F.
B	05/07/23	DA ISSUE	S.S	R.F.
A	20/06/23	PRELIMINARY ISSUE	S.S	R.F.

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SURVEY BY: LIDAR
DATUM : AHD
REDUCED LEVEL :
ORIGIN OF LEVELS :
CONTOUR INTERVAL: 1.0m
DESIGNED: R.F. DRAWN: P.C.
CHECKED: R.F. APPROVED: R.F.

CLIENT
CLEAN ENERGY TRANSFER FUND PTY LTD

PLAN:
LONGITUDINAL SECTION : HORIZ. N/A VERT. N/A
CROSS SECTION : HORIZ. N/A VERT. N/A

PROJECT OVERALL PROPOSED BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736
1154 CLARENCE TOWN ROAD, SEAHAM

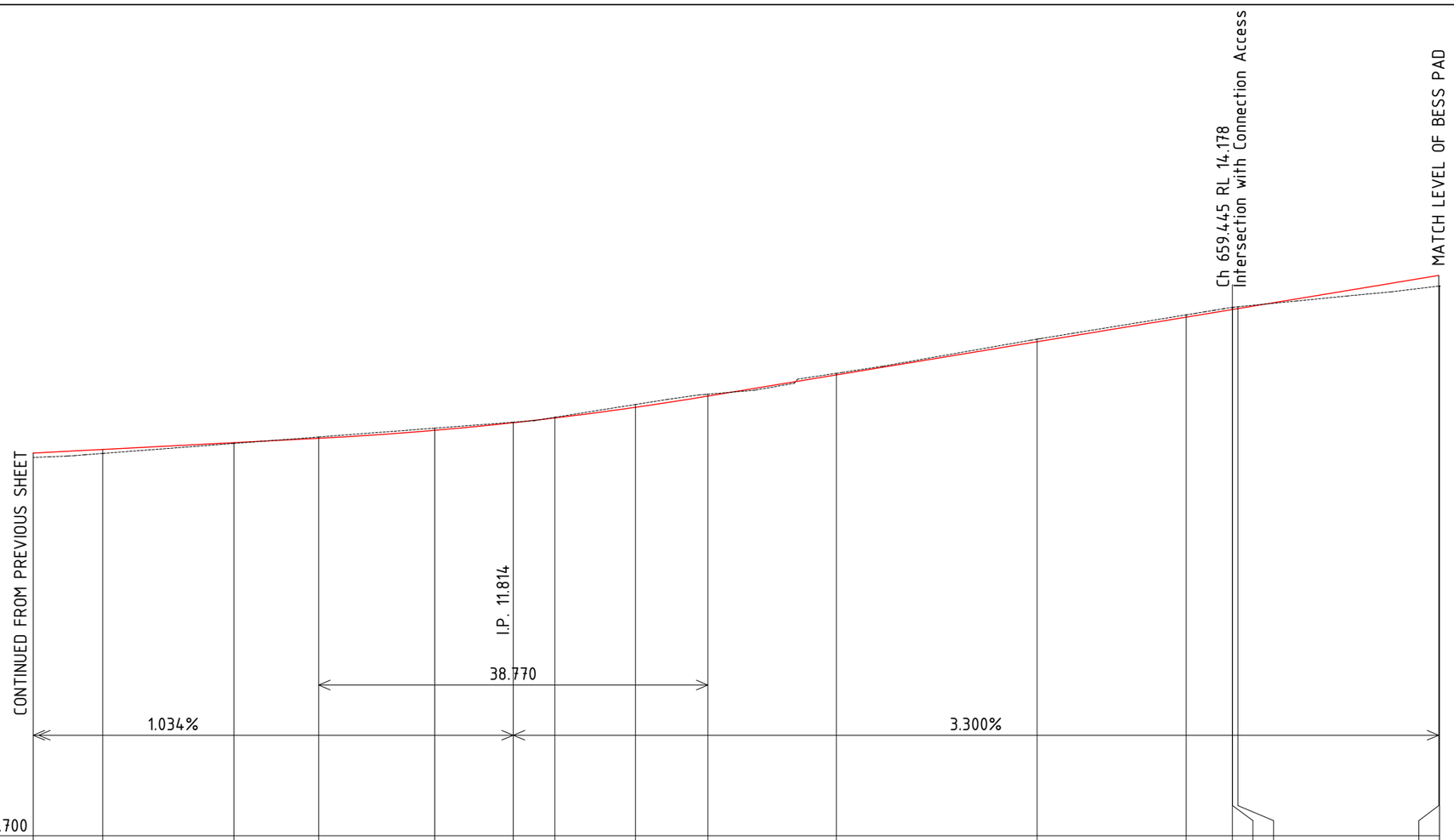
DRAWING TITLE
MAIN ACCESS LONGITUDINAL SECTION

SHEET 13 OF 40 SHEETS

HDB Job No 22158
REVISION F
DWG No 22158(CD)RevF-0 - 13

DA ISSUE

A3



CENTRELINE CUT/FILL	0.087	0.078	0.016	-0.026	-0.042	-0.010	-0.013	-0.056	-0.039	-0.032	-0.052	-0.046	-0.044	-0.044	-0.038	0.212	
DESIGN SURFACE	11.320	11.391	11.527	11.614	11.773	11.924	12.019	12.231	12.454	12.876	13.536	14.026	14.178	14.179	14.196	14.856	
EXISTING SURFACE	11.23	**11.31**	11.51	11.64	11.82	**11.93**	**12.03**	12.29	12.49	12.91	13.59	**14.07**	14.22	**14.22**	14.23	14.64	**14.65**
CHAINAGE	540.000	546.924	560.000	568.437	580.000	587.822	591.968	600.000	607.207	620.000	640.000	654.848	659.445	659.477	660.000	680.000	680.075

MAIN ACCESS CENTRELINE LONGITUDINAL SECTION - CH 540.000 TO CH 680.075

SCALES: HORIZONTAL 1:500 VERTICAL 1:100

REV	DATE	DESCRIPTION	INITIAL	APPR.
F	20/03/24	DA ISSUE - UPDATED VEHICULAR ACCESS	S.J.	R.F
E	13/03/24	DA ISSUE - VEHICULAR ACCESS	R.F.	R.F
D	20/12/23	DA ISSUE - ADJUST DRIVEWAY 2 PROFILE	R.F.	R.F
C	23/11/23	DA ISSUE	P.C.	R.F
B	05/07/23	DA ISSUE	S.S	R.F
A	20/06/23	PRELIMINARY ISSUE	S.S	R.F

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SURVEY BY: LIDAR
DATUM : AHD
REDUCED LEVEL :
ORIGIN OF LEVELS :
CONTOUR INTERVAL: 1.0m
DESIGNED: R.F. DRAWN: P.C.
CHECKED: R.F. APPROVED: R.F.

CLIENT
CLEAN ENERGY TRANSFER FUND PTY LTD

PLAN:
LONGITUDINAL SECTION : HORIZ. N/A VERT. N/A
CROSS SECTION : HORIZ. N/A VERT. N/A

PROJECT OVERALL PROPOSED BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736
1154 CLARENCE TOWN ROAD, SEAHAM

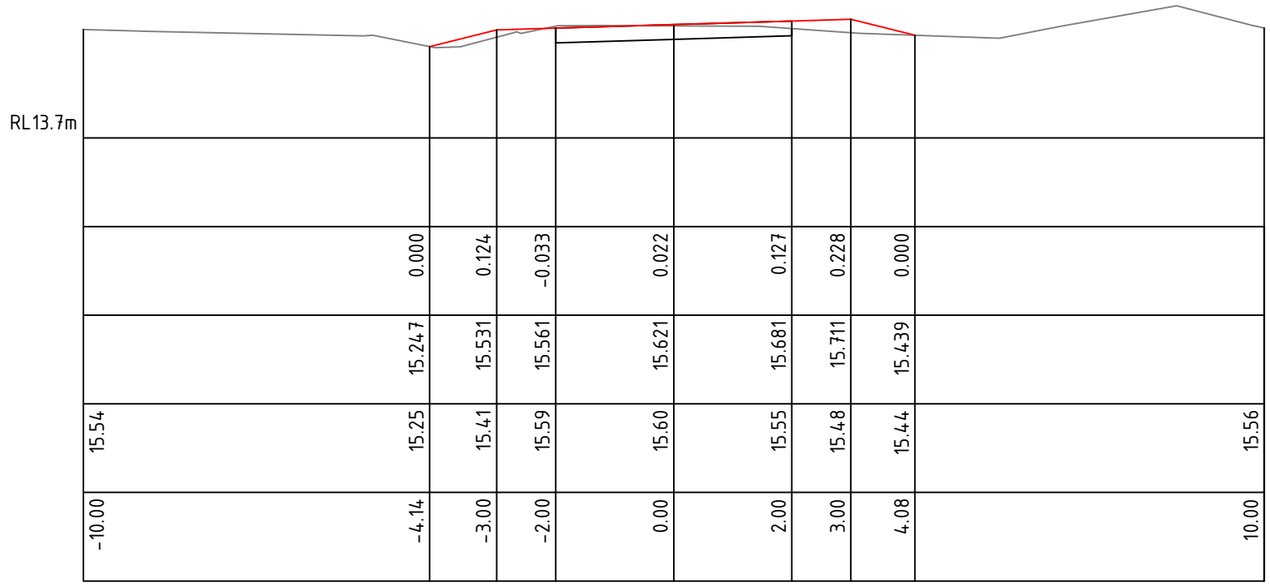
DRAWING TITLE
MAIN ACCESS LONGITUDINAL SECTION

SHEET 14 OF 40 SHEETS

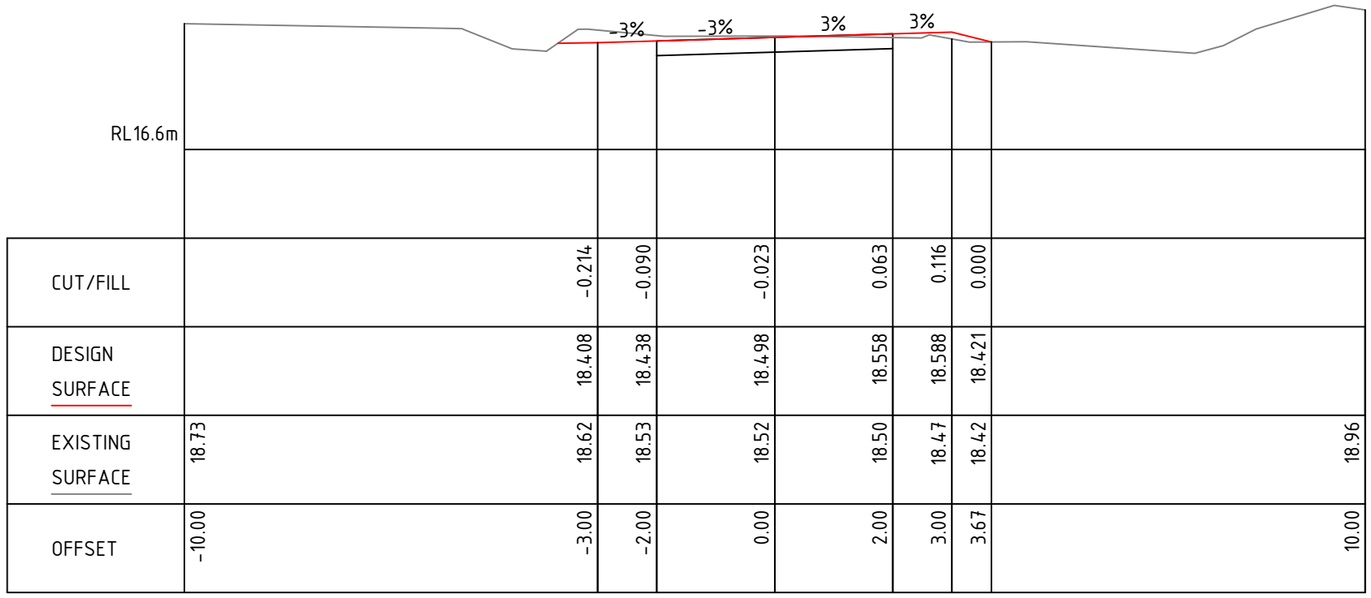
HDB Job No 22158
REVISION F
DWG No 22158(CD)RevF-0 - 14

DA ISSUE

A3



Ch 60.00 m



Ch 20.00 m

MAIN ACCESS CROSS SECTIONS

SCALES: HORIZONTAL 1:100 VERTICAL 1:100

REV	DATE	DESCRIPTION	INITIAL	APPR.
F	20/03/24	DA ISSUE - UPDATED VEHICULAR ACCESS	S.J.	R.F
E	13/03/24	DA ISSUE - VEHICULAR ACCESS	R.F.	R.F
D	20/12/23	DA ISSUE - ADJUST DRIVEWAY 2 PROFILE	R.F.	R.F
C	23/11/23	DA ISSUE	P.C.	R.F
B	05/07/23	DA ISSUE	S.S	R.F
A	20/06/23	PRELIMINARY ISSUE	S.S	R.F

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SURVEY BY: LIDAR
DATUM : AHD
REDUCED LEVEL :
ORIGIN OF LEVELS :
CONTOUR INTERVAL: 1.0m
DESIGNED: R.F. DRAWN: P.C.
CHECKED: R.F. APPROVED: R.F.

CLIENT
CLEAN ENERGY TRANSFER FUND PTY LTD

PLAN:
LONGITUDINAL SECTION : HORIZ. N/A VERT. N/A
CROSS SECTION : HORIZ. N/A VERT. N/A

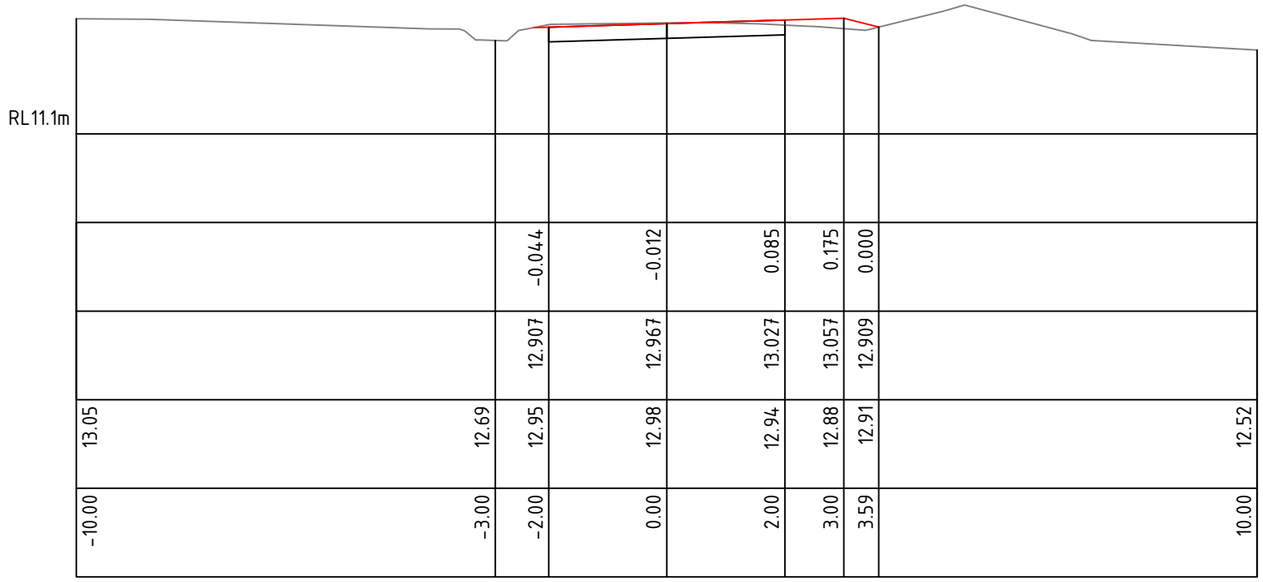
PROJECT OVERALL PROPOSED
BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736
1154 CLARENCE TOWN ROAD, SEAHAM

DRAWING TITLE
MAIN ACCESS CROSS SECTIONS

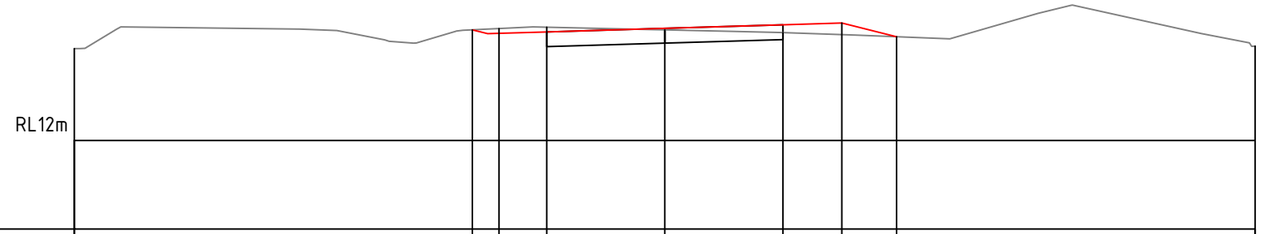
SHEET 15 OF 40 SHEETS

HDB Job No 22158
REVISION F
DWG No 22158(CD)RevF-O - 15
DA ISSUE

A3



Ch 140.00 m



CUT/FILL		0.000	-0.077	-0.080	0.025	0.131	0.196	0.000	
DESIGN SURFACE		13.873	13.808	13.838	13.898	13.958	13.988	13.757	
EXISTING SURFACE	13.56	13.87	13.89	13.92	13.87	13.83	13.79	13.76	13.60
OFFSET	-10.00	-3.26	-3.00	-2.00	0.00	2.00	3.00	3.93	10.00

Ch 100.00 m

MAIN ACCESS CROSS SECTIONS

SCALES: HORIZONTAL 1:100 VERTICAL 1:100

REV	DATE	DESCRIPTION	INITIAL	APPR.
F	20/03/24	DA ISSUE - UPDATED VEHICULAR ACCESS	S.J.	R.F
E	13/03/24	DA ISSUE - VEHICULAR ACCESS	R.F.	R.F
D	20/12/23	DA ISSUE - ADJUST DRIVEWAY 2 PROFILE	R.F.	R.F
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A	20/06/23	PRELIMINARY ISSUE	S.S	R.F

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CLIENT
CLEAN ENERGY TRANSFER FUND PTY LTD

PLAN:
LONGITUDINAL SECTION : HORIZ. N/A VERT. N/A
CROSS SECTION : HORIZ. N/A VERT. N/A

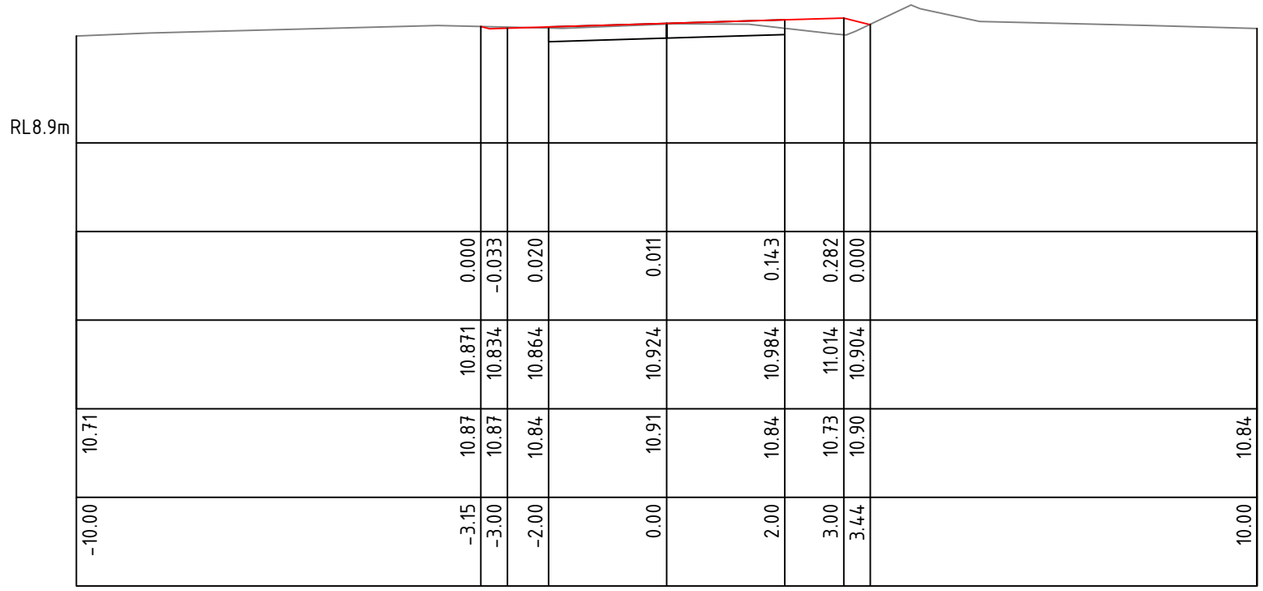
PROJECT OVERALL PROPOSED
BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736
1154 CLARENCE TOWN ROAD, SEAHAM

DRAWING TITLE
MAIN ACCESS CROSS SECTIONS

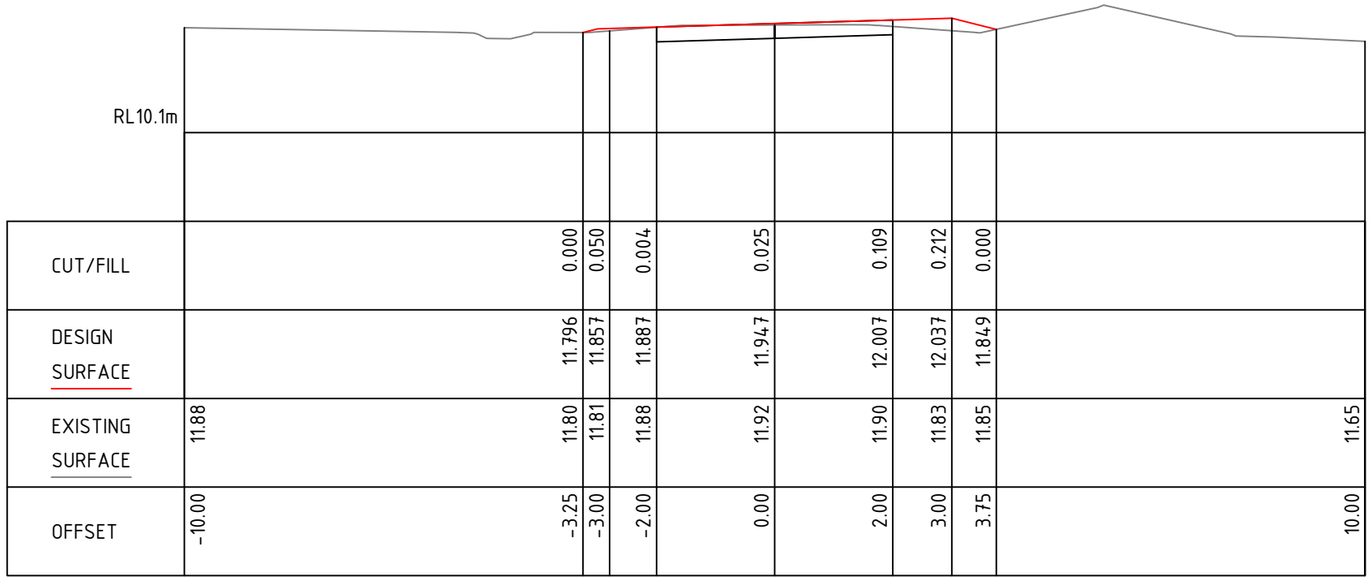
SHEET 16 OF 40 SHEETS

HDB Job No 22158
REVISION F
DWG No 22158(CD)RevF-O - 16
DA ISSUE

A3



Ch 220.00 m



Ch 180.00 m

MAIN ACCESS CROSS SECTIONS

SCALES: HORIZONTAL 1:100 VERTICAL 1:100

REV	DATE	DESCRIPTION	INITIAL	APPR.
F	20/03/24	DA ISSUE - UPDATED VEHICULAR ACCESS	S.J.	R.F.
E	13/03/24	DA ISSUE - VEHICULAR ACCESS	R.F.	R.F.
D	20/12/23	DA ISSUE - ADJUST DRIVEWAY 2 PROFILE	R.F.	R.F.
C	23/11/23	DA ISSUE	P.C.	R.F.
B	05/07/23	DA ISSUE	S.S	R.F.
A	20/06/23	PRELIMINARY ISSUE	S.S	R.F.

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ABN 35 078 017 508

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SURVEY BY: LIDAR
DATUM : AHD
REDUCED LEVEL :
ORIGIN OF LEVELS :
CONTOUR INTERVAL: 1.0m
DESIGNED: R.F. DRAWN: P.C.
CHECKED: R.F. APPROVED: R.F.

CLIENT
CLEAN ENERGY TRANSFER FUND PTY LTD

PLAN:
LONGITUDINAL SECTION : HORIZ. N/A VERT. N/A
CROSS SECTION : HORIZ. N/A VERT. N/A

PROJECT OVERALL PROPOSED BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736
1154 CLARENCE TOWN ROAD, SEAHAM

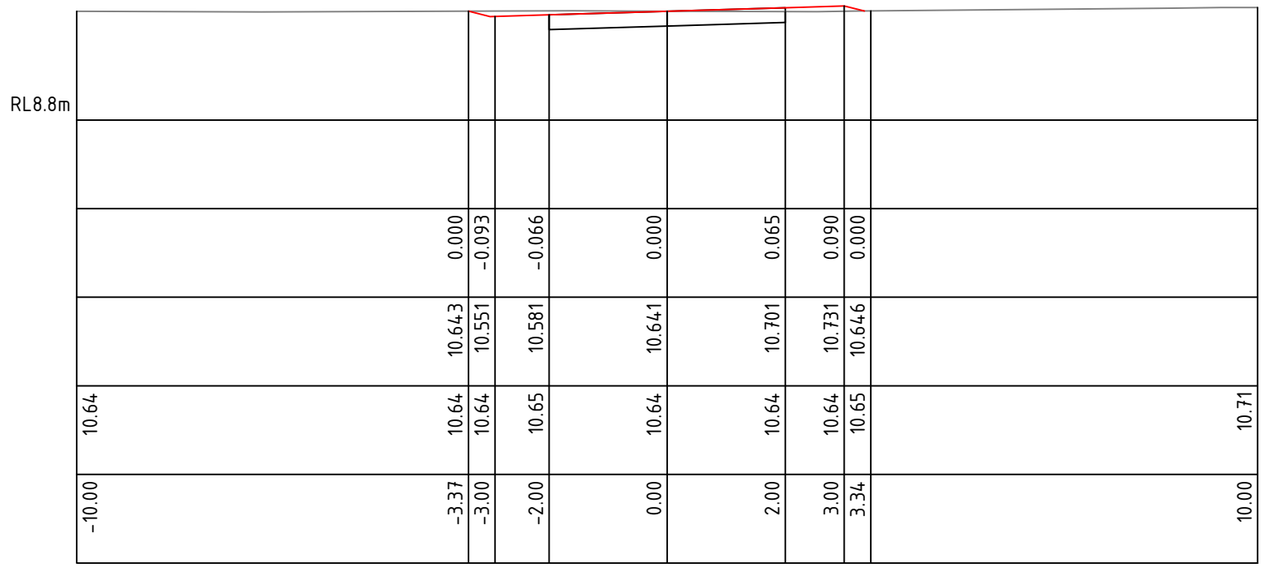
DRAWING TITLE
MAIN ACCESS CROSS SECTIONS

SHEET 17 OF 40 SHEETS

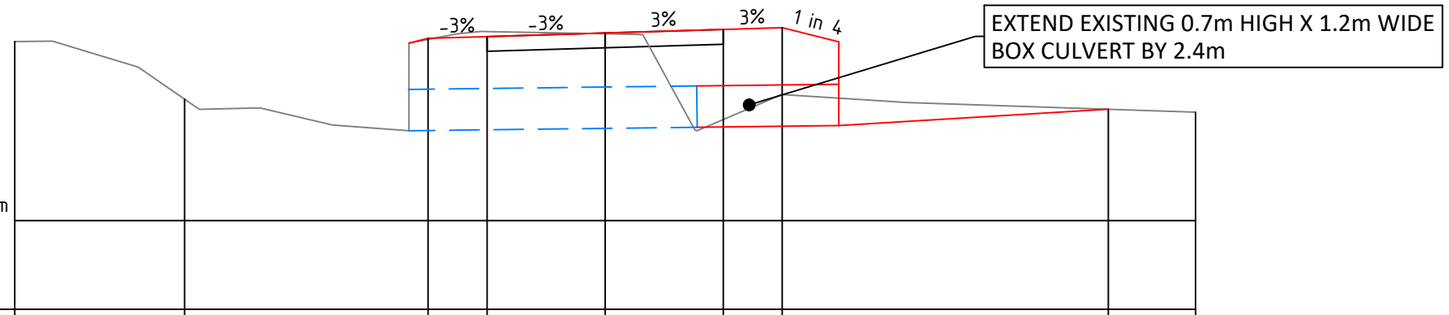
HDB Job No 22158
REVISION F
DWG No 22158(CD)RevF-0 - 17

DA ISSUE

A3



Ch 300.00 m



CUT/FILL			1.014	-0.085	0.013	1.525	1.132	0.000	
DESIGN SURFACE			10.386	10.416	10.476	10.536	10.566	9.185	
EXISTING SURFACE	10.33	9.36	9.37	10.50	10.46	9.01	9.43	9.19	9.14
OFFSET	-10.00	-7.12	-3.00	-2.00	0.00	2.00	3.00	8.52	10.00

Ch 260.00 m

MAIN ACCESS CROSS SECTIONS

SCALES: HORIZONTAL 1:100 VERTICAL 1:100

REV	DATE	DESCRIPTION	INITIAL	APPR.
F	20/03/24	DA ISSUE - UPDATED VEHICULAR ACCESS	S.J.	R.F
E	13/03/24	DA ISSUE - VEHICULAR ACCESS	R.F.	R.F
D	20/12/23	DA ISSUE - ADJUST DRIVEWAY 2 PROFILE	R.F.	R.F
C	23/11/23	DA ISSUE	P.C.	R.F
B	05/07/23	DA ISSUE	S.S	R.F
A	20/06/23	PRELIMINARY ISSUE	S.S	R.F

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SURVEY BY: LIDAR
DATUM : AHD
REDUCED LEVEL :
ORIGIN OF LEVELS :
CONTOUR INTERVAL: 1.0m
DESIGNED: R.F. DRAWN: P.C.
CHECKED: R.F. APPROVED: R.F.

CLIENT
CLEAN ENERGY TRANSFER FUND PTY LTD

PLAN:
LONGITUDINAL SECTION : HORIZ. N/A VERT. N/A
CROSS SECTION : HORIZ. N/A VERT. N/A

PROJECT OVERALL PROPOSED BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736
1154 CLARENCE TOWN ROAD, SEAHAM

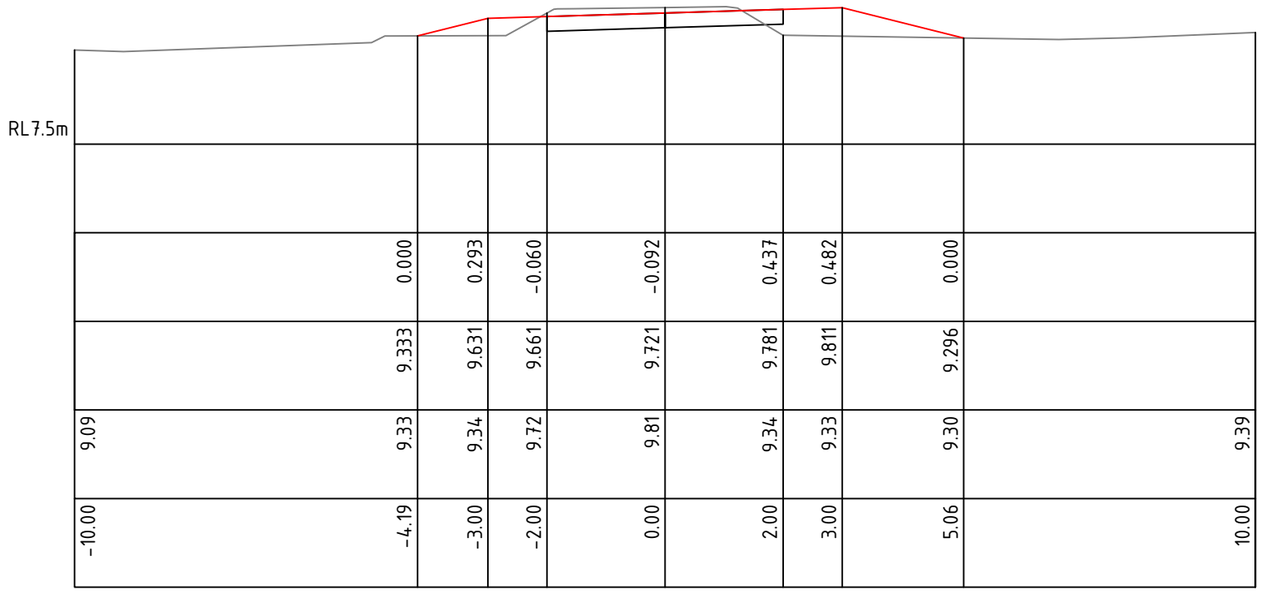
DRAWING TITLE
MAIN ACCESS CROSS SECTIONS

SHEET 18 OF 40 SHEETS

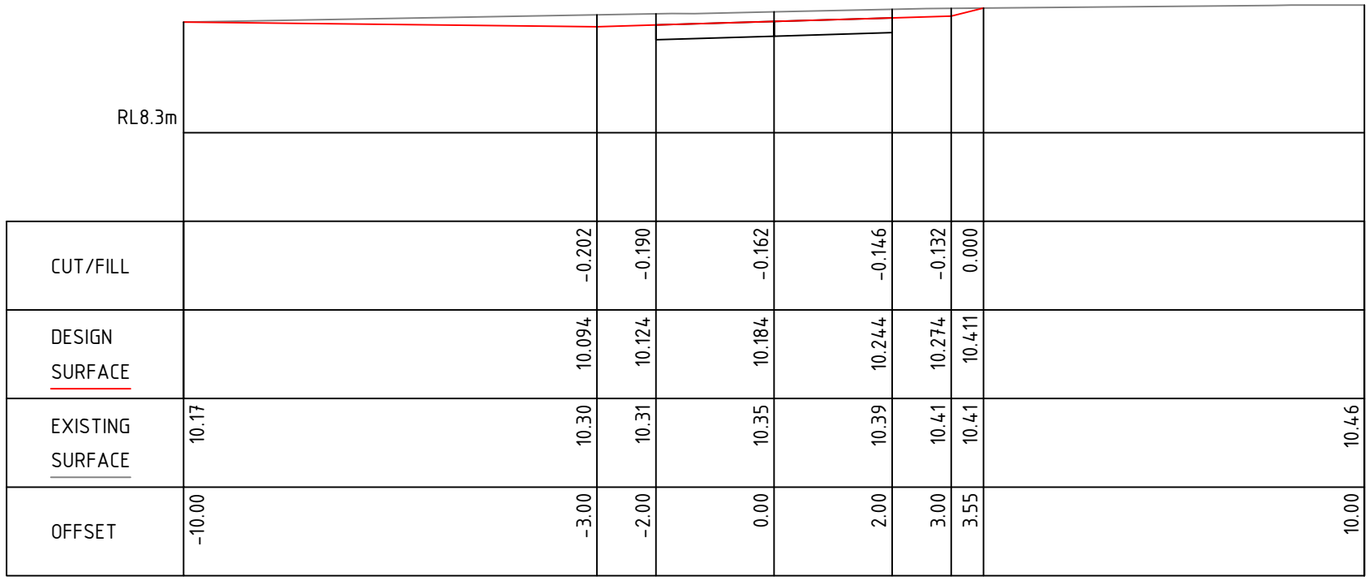
HDB Job No 22158
REVISION F
DWG No 22158(CD)RevF-0 - 18

DA ISSUE

A3



Ch 380.00 m



Ch 340.00 m

MAIN ACCESS CROSS SECTIONS

SCALES: HORIZONTAL 1:100 VERTICAL 1:100

REV	DATE	DESCRIPTION	INITIAL	APPR.
F	20/03/24	DA ISSUE - UPDATED VEHICULAR ACCESS	S.J.	R.F
E	13/03/24	DA ISSUE - VEHICULAR ACCESS	R.F.	R.F
D	20/12/23	DA ISSUE - ADJUST DRIVEWAY 2 PROFILE	R.F.	R.F
C	23/11/23	DA ISSUE	P.C.	R.F
B	05/07/23	DA ISSUE	S.S	R.F
A	20/06/23	PRELIMINARY ISSUE	S.S	R.F

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SURVEY BY: LIDAR
DATUM : AHD
REDUCED LEVEL :
ORIGIN OF LEVELS :
CONTOUR INTERVAL: 1.0m
DESIGNED: R.F. DRAWN: P.C.
CHECKED: R.F. APPROVED: R.F.

CLIENT
CLEAN ENERGY TRANSFER FUND PTY LTD

PLAN:
LONGITUDINAL SECTION : HORIZ. N/A VERT. N/A
CROSS SECTION : HORIZ. N/A VERT. N/A

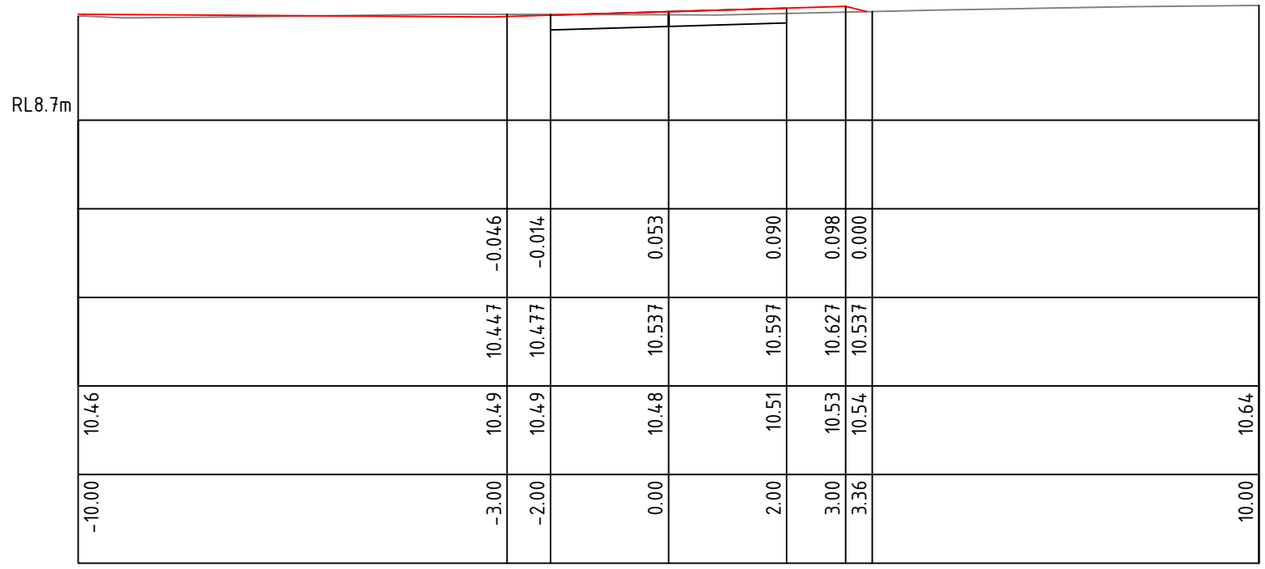
PROJECT OVERALL PROPOSED BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736
1154 CLARENCE TOWN ROAD, SEAHAM

DRAWING TITLE
MAIN ACCESS CROSS SECTIONS

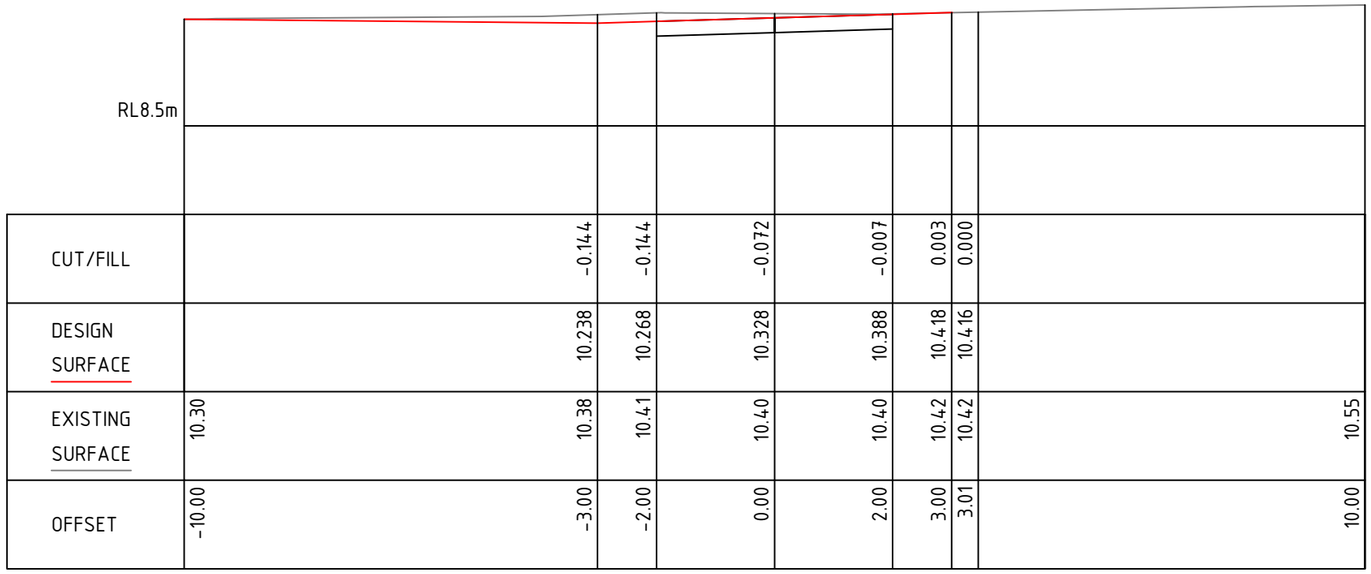
SHEET 19 OF 40 SHEETS

HDB Job No 22158
REVISION F
DWG No 22158(CD)RevF-0 - 19
DA ISSUE

A3



Ch 460.00 m



Ch 420.00 m

MAIN ACCESS CROSS SECTIONS

SCALES: HORIZONTAL 1:100 VERTICAL 1:100

REV	DATE	DESCRIPTION	INITIAL	APPR.
F	20/03/24	DA ISSUE - UPDATED VEHICULAR ACCESS	S.J.	R.F.
E	13/03/24	DA ISSUE - VEHICULAR ACCESS	R.F.	R.F.
D	20/12/23	DA ISSUE - ADJUST DRIVEWAY 2 PROFILE	R.F.	R.F.
C	23/11/23	DA ISSUE	P.C.	R.F.
B	05/07/23	DA ISSUE	S.S	R.F.
A	20/06/23	PRELIMINARY ISSUE	S.S	R.F.

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SURVEY BY: LIDAR
DATUM : AHD
REDUCED LEVEL :
ORIGIN OF LEVELS :
CONTOUR INTERVAL: 1.0m
DESIGNED: R.F. DRAWN: P.C.
CHECKED: R.F. APPROVED: R.F.

CLIENT
CLEAN ENERGY TRANSFER FUND PTY LTD

PLAN:
LONGITUDINAL SECTION : HORIZ. N/A VERT. N/A
CROSS SECTION : HORIZ. N/A VERT. N/A

PROJECT OVERALL PROPOSED
BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736
1154 CLARENCE TOWN ROAD, SEAHAM

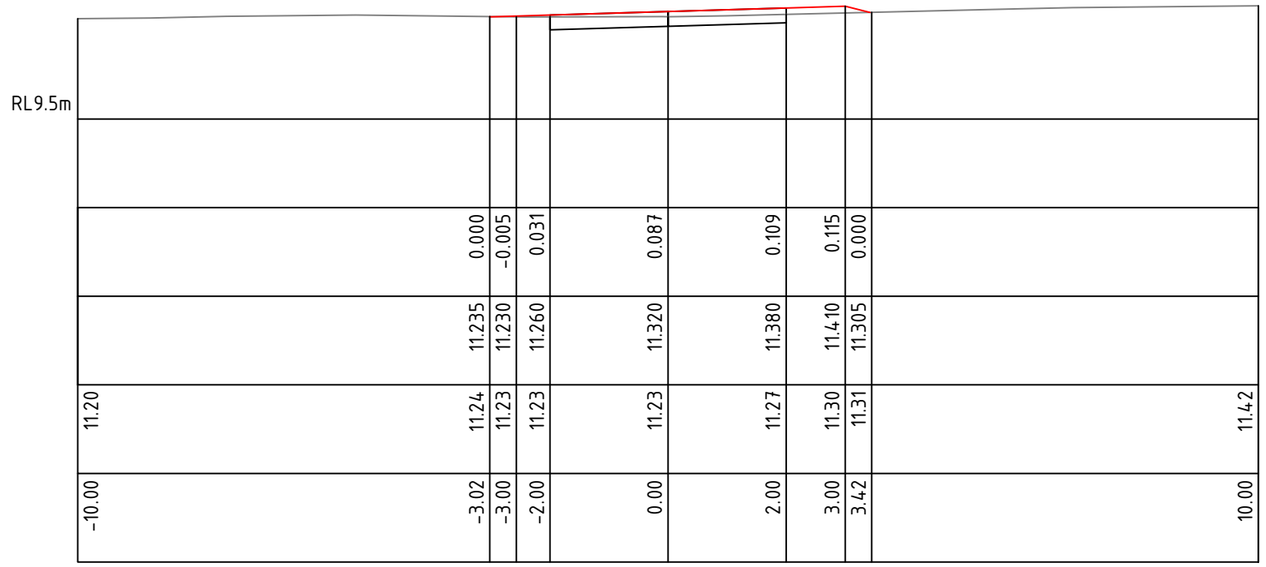
DRAWING TITLE
MAIN ACCESS CROSS SECTIONS

SHEET 20 OF 40 SHEETS

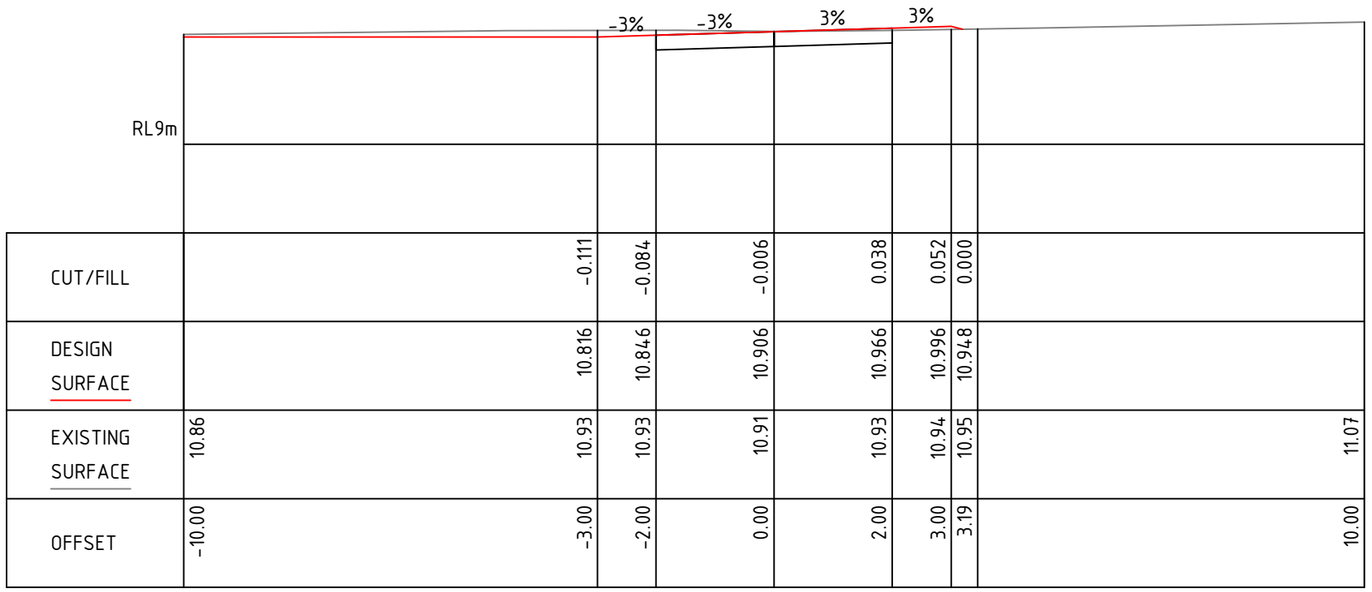
HDB Job No 22158
REVISION F
DWG No 22158(CD)RevF-0 - 20

DA ISSUE

A3



Ch 540.00 m



Ch 500.00 m

MAIN ACCESS CROSS SECTIONS

SCALES: HORIZONTAL 1:100 VERTICAL 1:100

REV	DATE	DESCRIPTION	INITIAL	APPR.
F	20/03/24	DA ISSUE - UPDATED VEHICULAR ACCESS	S.J.	R.F.
E	13/03/24	DA ISSUE - VEHICULAR ACCESS	R.F.	R.F.
D	20/12/23	DA ISSUE - ADJUST DRIVEWAY 2 PROFILE	R.F.	R.F.
C	23/11/23	DA ISSUE	P.C.	R.F.
B	05/07/23	DA ISSUE	S.S	R.F.
A	20/06/23	PRELIMINARY ISSUE	S.S	R.F.

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SURVEY BY: LIDAR
DATUM : AHD
REDUCED LEVEL :
ORIGIN OF LEVELS :
CONTOUR INTERVAL: 1.0m
DESIGNED: R.F. DRAWN: P.C.
CHECKED: R.F. APPROVED: R.F.

CLIENT
CLEAN ENERGY TRANSFER FUND PTY LTD

PLAN:
LONGITUDINAL SECTION : HORIZ. N/A VERT. N/A
CROSS SECTION : HORIZ. N/A VERT. N/A

PROJECT OVERALL PROPOSED
BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736
1154 CLARENCE TOWN ROAD, SEAHAM

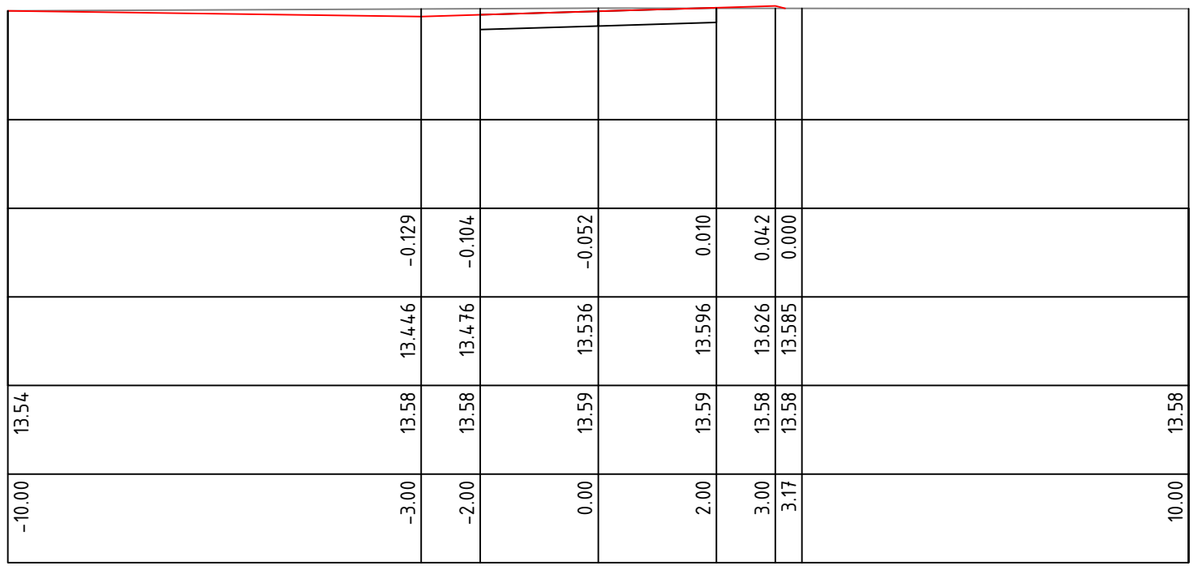
DRAWING TITLE
MAIN ACCESS CROSS SECTIONS

SHEET 21 OF 40 SHEETS

HDB Job No 22158
REVISION F
DWG No 22158(CD)RevF-0 - 21

DA ISSUE

A3



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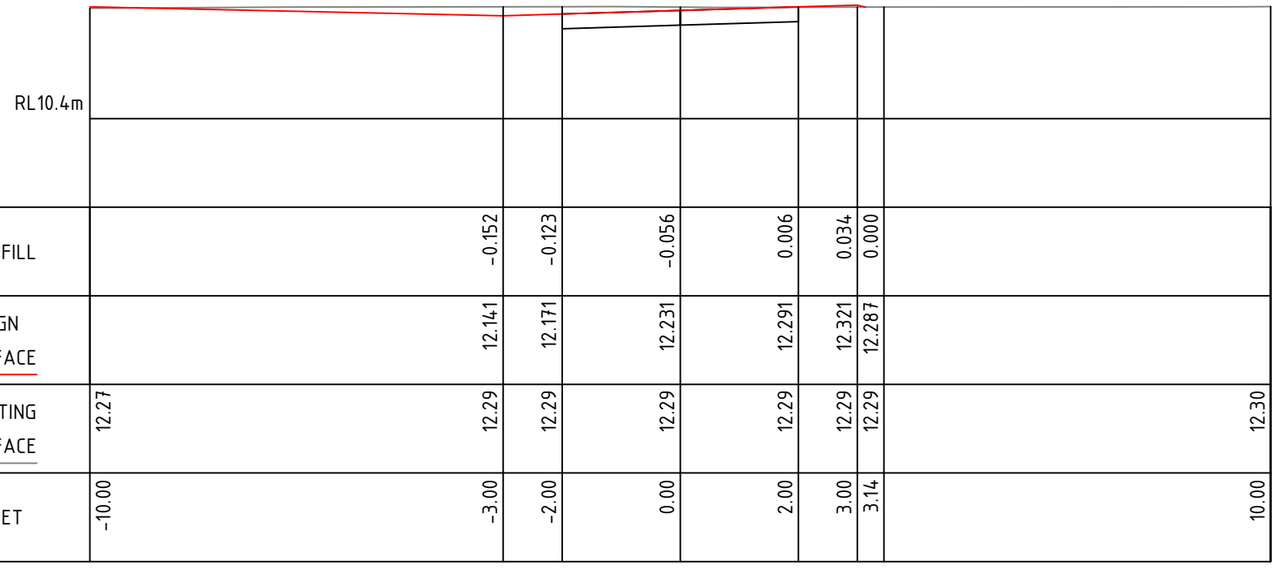
	13.446	13.476	13.536	13.596	13.626	13.585	
13.54	13.58	13.58	13.59	13.59	13.58	13.58	13.58
-10.00	-3.00	-2.00	0.00	2.00	3.00	3.17	10.00

Ch 640.00 m



CUT/FILL	-0.152	-0.123	-0.056	0.006	0.034	0.000	
DESIGN SURFACE	12.141	12.171	12.231	12.291	12.321	12.287	
EXISTING SURFACE	12.27 12.29	12.29	12.29	12.29	12.29	12.29	12.30
OFFSET	-10.00 -3.00	-2.00	0.00	2.00	3.00	3.14	10.00

Ch 600.00 m

MAIN ACCESS CROSS SECTIONS

SCALES: HORIZONTAL 1:100 VERTICAL 1:100

REV	DATE	DESCRIPTION	INITIAL	APPR.
F	20/03/24	DA ISSUE - UPDATED VEHICULAR ACCESS	S.J.	R.F
E	13/03/24	DA ISSUE - VEHICULAR ACCESS	R.F.	R.F
D	20/12/23	DA ISSUE - ADJUST DRIVEWAY 2 PROFILE	R.F.	R.F
C	23/11/23	DA ISSUE	P.C.	R.F
B	05/07/23	DA ISSUE	S.S	R.F
A	20/06/23	PRELIMINARY ISSUE	S.S	R.F

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SURVEY BY: LIDAR
DATUM : AHD
REDUCED LEVEL :
ORIGIN OF LEVELS :
CONTOUR INTERVAL: 1.0m
DESIGNED: R.F. DRAWN: P.C.
CHECKED: R.F. APPROVED: R.F.

CLIENT
CLEAN ENERGY TRANSFER FUND PTY LTD

PLAN:
LONGITUDINAL SECTION : HORIZ. N/A VERT. N/A
CROSS SECTION : HORIZ. N/A VERT. N/A

PROJECT OVERALL PROPOSED BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736
1154 CLARENCE TOWN ROAD, SEAHAM

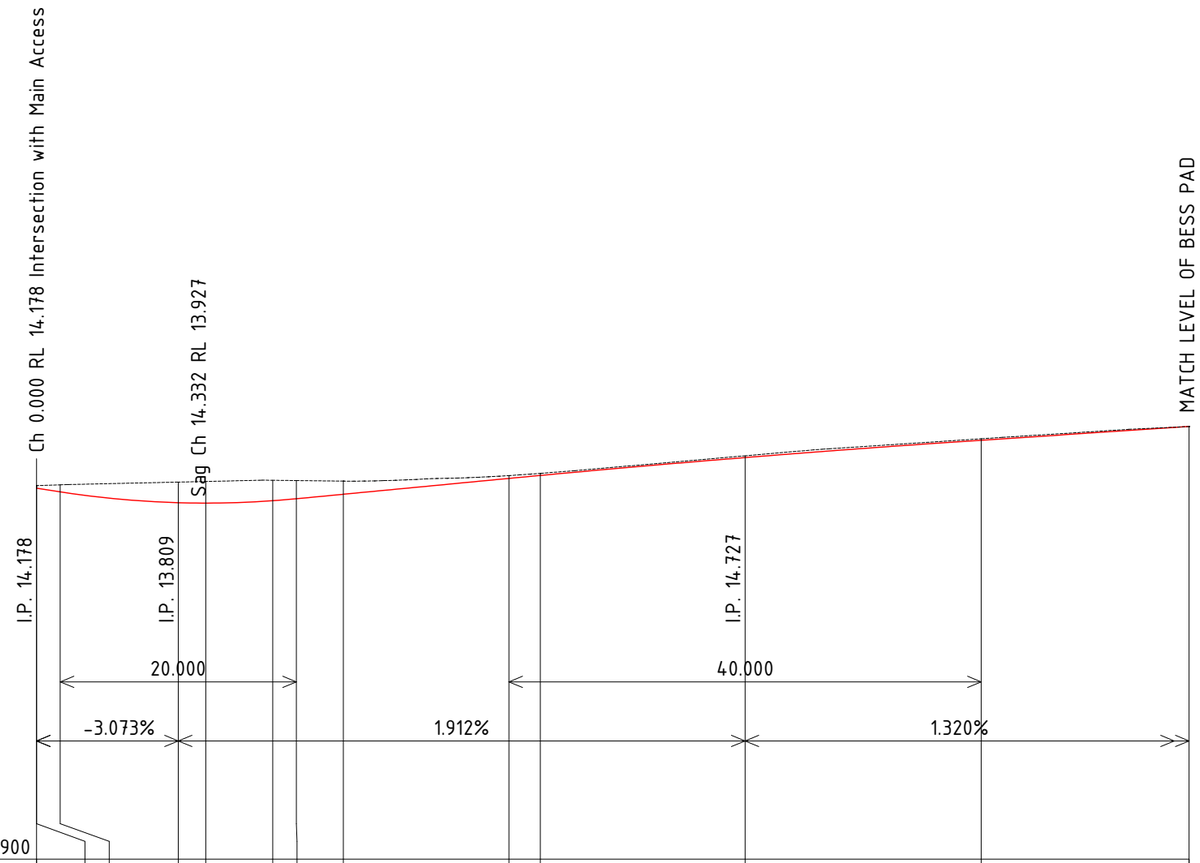
DRAWING TITLE
MAIN ACCESS CROSS SECTIONS

SHEET 22 OF 40 SHEETS

HDB Job No 22158
REVISION F
DWG No 22158(CD)RevF-0 - 22

DA ISSUE

A3



CENTRELINE CUT/FILL	-0.044	-0.044	-0.120	-0.349	-0.366	-0.346	-0.308	-0.223	-0.048	-0.035	-0.030	-0.025	0.000
DESIGN SURFACE	14.178	14.178	14.116	13.934	13.927	13.967	14.000	14.076	14.345	14.395	14.697	14.991	15.223
EXISTING SURFACE	**14.22**	14.22	14.24	14.28	14.29	14.31	14.31	**14.30**	14.39	**14.43**	14.73	15.02	**15.22**
CHAINAGE	0.000	0.002	2.003	12.004	14.332	20.000	22.004	25.981	40.000	42.660	60.000	80.000	97.600

CONNECTION ACCESS CENTRELINE LONGITUDINAL SECTION - CH 0.000 TO CH 97.60

SCALES: HORIZONTAL 1:500 VERTICAL 1:100

REV	DATE	DESCRIPTION	INITIAL	APPR.
F	20/03/24	DA ISSUE - UPDATED VEHICULAR ACCESS	S.J.	R.F.
E	13/03/24	DA ISSUE - VEHICULAR ACCESS	R.F.	R.F.
D	20/12/23	DA ISSUE - ADJUST DRIVEWAY 2 PROFILE	R.F.	R.F.
C	23/11/23	DA ISSUE	P.C.	R.F.
B	05/07/23	DA ISSUE	S.S	R.F.
A	20/06/23	PRELIMINARY ISSUE	S.S	R.F.

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SURVEY BY: LIDAR
DATUM : AHD
REDUCED LEVEL :
ORIGIN OF LEVELS :
CONTOUR INTERVAL: 1.0m
DESIGNED: R.F. DRAWN: P.C.
CHECKED: R.F. APPROVED: R.F.

CLIENT
CLEAN ENERGY TRANSFER FUND PTY LTD

PLAN:
LONGITUDINAL SECTION : HORIZ. N/A VERT. N/A
CROSS SECTION : HORIZ. N/A VERT. N/A

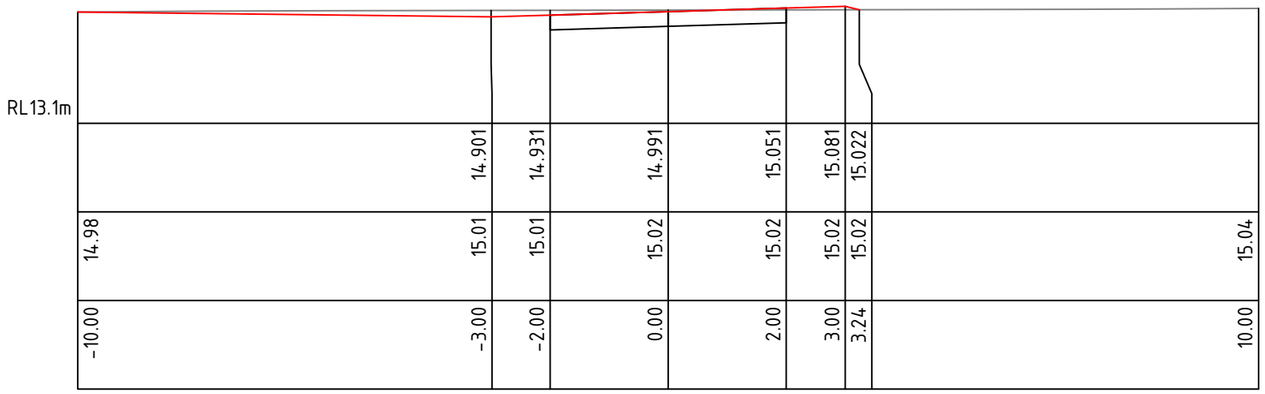
PROJECT OVERALL PROPOSED BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736
1154 CLARENCE TOWN ROAD, SEAHAM

DRAWING TITLE
CONNECTION ACCESS LONGITUDINAL SECTION

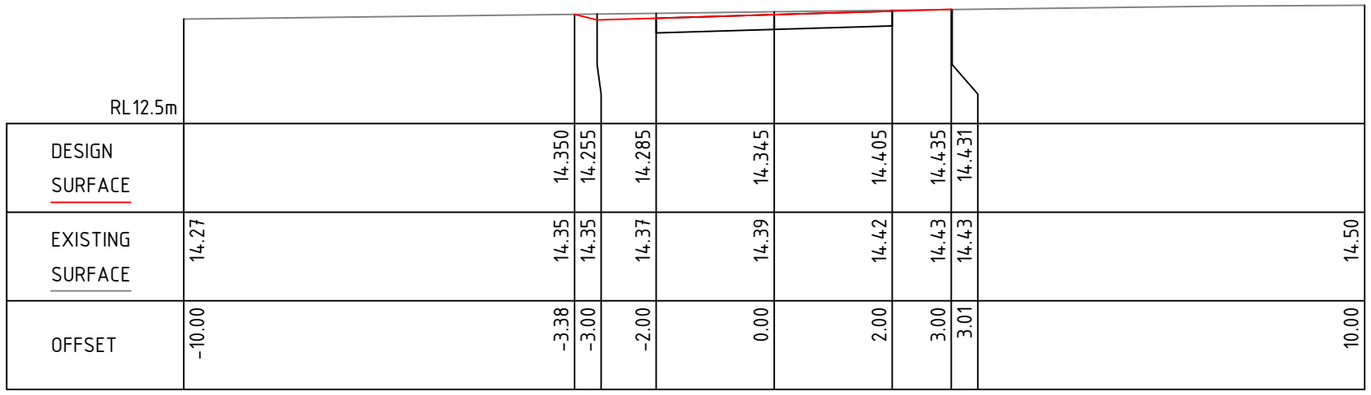
SHEET 23 OF 40 SHEETS

HDB Job No 22158
REVISION F
DWG No 22158(CD)RevF-0 - 23
DA ISSUE

A3



Ch 80.00 m



Ch 40.00 m

CONNECTION ACCESS CROSS SECTIONS

SCALES: HORIZONTAL 1:100 VERTICAL 1:100

REV	DATE	DESCRIPTION	INITIAL	APPR.
F	20/03/24	DA ISSUE - UPDATED VEHICULAR ACCESS	S.J.	R.F
E	13/03/24	DA ISSUE - VEHICULAR ACCESS	R.F.	R.F
D	20/12/23	DA ISSUE - ADJUST DRIVEWAY 2 PROFILE	R.F.	R.F
C	23/11/23	DA ISSUE	P.C.	R.F
B	05/07/23	DA ISSUE	S.S	R.F
A	20/06/23	PRELIMINARY ISSUE	S.S	R.F

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SURVEY BY: LIDAR
DATUM : AHD
REDUCED LEVEL :
ORIGIN OF LEVELS :
CONTOUR INTERVAL: 1.0m
DESIGNED: R.F. DRAWN: P.C.
CHECKED: R.F. APPROVED: R.F.

CLIENT
CLEAN ENERGY TRANSFER FUND PTY LTD

PLAN:
LONGITUDINAL SECTION : HORIZ. N/A VERT. N/A
CROSS SECTION : HORIZ. N/A VERT. N/A

PROJECT OVERALL PROPOSED
BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736
1154 CLARENCE TOWN ROAD, SEAHAM

DRAWING TITLE
MAIN ACCESS CROSS SECTIONS

SHEET 24 OF 40 SHEETS

HDB Job No 22158
REVISION F
DWG No 22158(CD)RevF-0 - 24

DA ISSUE

A3

DA16/2023/382/1

CONSTRUCT DIVERSION DRAIN AT TOE OF BATTER

DA16/2023/383/1

DA16/2023/384/1

PROPOSED 4m WIDE DRIVE WAY WITH 1m SHOULDERS

HIGH POINT

23.2m

SECTION B

SECTION C

SECTION D

SECTION A

SECTION 1

SECTION 2

GATE 88.32

GATE 44.16

132.48

88.32

0.00

RL 16.479

RL 16.037

RL 15.596

RL 15.154

RL 16.232

RL 15.790

RL 15.349

RL 14.907

RL 16.556

RL 16.115

RL 15.673

WT

SR

AS

PCS

CR

B1 B2 B3 B4 B5 B6 B7 B8 B9 B10 B11 B12

LOW POINT

REGRADE TO WATER QUALITY BASIN

PROPOSED BIO-RETENTION BASIN. SURFACE AREA - 123m² EXTENDED DETENTION DEPTH 0.3m.

PROPOSED 4m DRIVE WAY WITH 1m SHOULDERS

TREE5

PROVIDE Ø450 RCP FROM BIO BASIN TO OSD BASIN

PROPOSED OSD BASIN BASE - RL 13.00 (110m²) TOP WATER - RL 14.2 (416.5m²). REFER TO SHEET 24 FOR DETAILS OF OUTLET CONTROL PIT

DIRECT DIVERSION DRAIN AROUND TREE 5

DA16/2023/385/1

CONSTRUCT DIVERSION DRAIN AT TOE OF BATTER

20m

DA16/2023/386/1

PROPOSED 42m BIO-RETENTION SWALE

FORM LOW POINT ALONG CENTRE OF PAD TO DIRECT SURFACE FLOWS TO STORMWATER CONTROL BASINS

LEGEND

- PROPOSED TABLE DRAIN
- PROPOSED 4m DRIVEWAY
- CHAIN MESH FENCE
- HUSH PANEL WALL

BATTERY STORAGE COMPOUND PAD

SCALE 1:500 @ A3

REV	DATE	DESCRIPTION	INITIAL	APPR.
F	20/03/24	DA ISSUE - UPDATED VEHICULAR ACCESS	S.J.	R.F
E	13/03/24	DA ISSUE - VEHICULAR ACCESS	R.F.	R.F
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PLAN: 1:500 @ A3

LONGITUDINAL SECTION : HORIZ. N/A VERT. N/A

CROSS SECTION : HORIZ. N/A VERT. N/A

PROJECT OVERALL PROPOSED
BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736
1154 CLARENCE TOWN ROAD, SEAHAM

DRAWING TITLE
SITE PLAN SHOWING FENCING

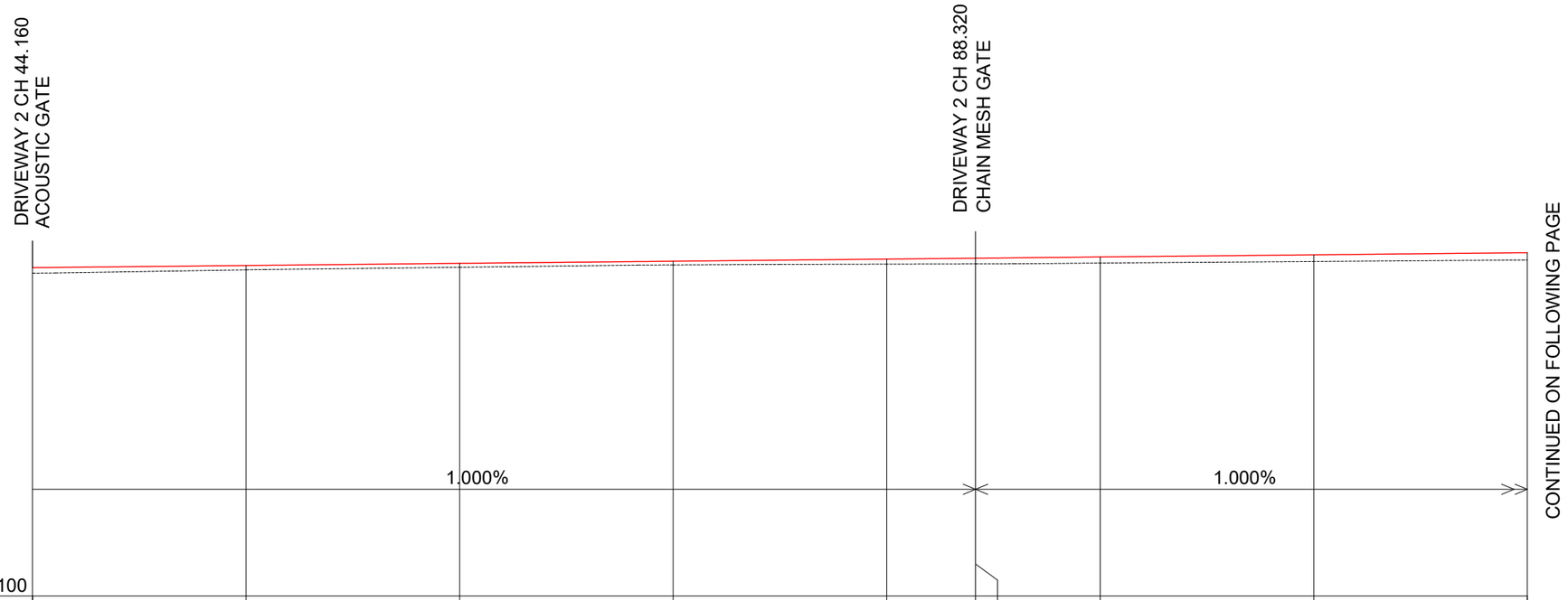
SHEET 25 OF 40 SHEETS

HDB Job No 22158
REVISION F
DWG No 22158(CD)RevF-0 - 25

DA ISSUE

5 0 5 10 15
1:500 @ A3

A3



CENTRELINE CUT/FILL	0.260	0.203	0.183	0.174	0.236	0.268	0.268	0.287	0.312	0.343
DESIGN SURFACE	15.483	15.583	15.683	15.783	15.883	15.925	15.925	15.983	16.083	16.183
EXISTING SURFACE	15.22	15.38	15.50	15.61	15.65	15.66	15.66	15.70	15.77	15.84
CHAINAGE	0.000	10.000	20.000	30.000	40.000	44.160	44.161	50.000	60.000	70.000

BESS SITE SECTION 1
CL 1 Ch 0.000 to Ch 70.00

SCALES: HORIZONTAL 1:250 VERTICAL 1:250

REV	DATE	DESCRIPTION	INITIAL	APPR.
F	20/03/24	DA ISSUE - UPDATED VEHICULAR ACCESS	S.J.	R.F.
E	13/03/24	DA ISSUE - VEHICULAR ACCESS	R.F.	R.F.
D	20/12/23	DA ISSUE - ADJUST DRIVEWAY 2 PROFILE	R.F.	R.F.
C	23/11/23	DA ISSUE	P.C.	R.F.
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CROSS SECTION : HORIZ. N/A VERT. N/A

PROJECT OVERALL PROPOSED
BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736
1154 CLARENCE TOWN ROAD, SEAHAM

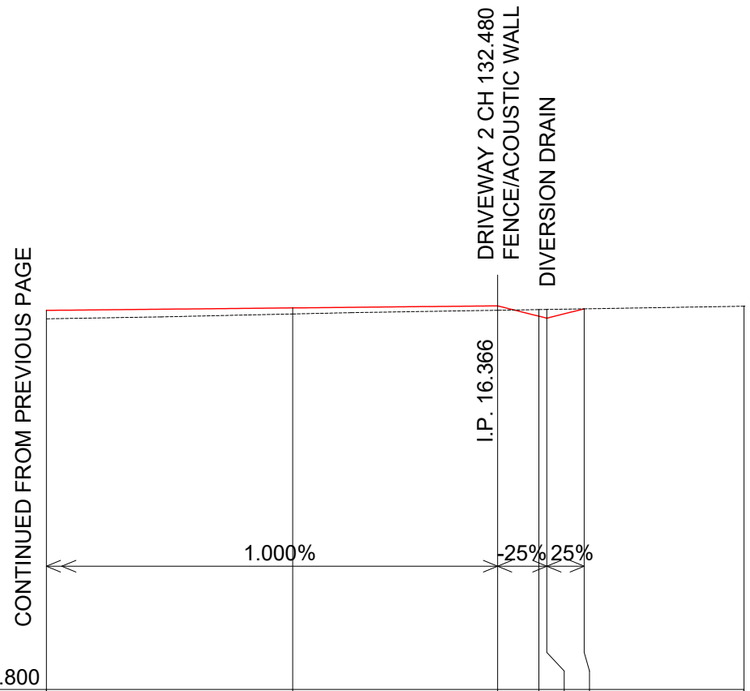
DRAWING TITLE
BESS SECTION 1

SHEET 26 OF 40 SHEETS

HDB Job No 22158
REVISION F
DWG No 22158(CD)RevF-0 - 26

DA ISSUE

A3



CENTRELINE CUT/FILL	0.343	0.246	0.178	-0.269	-0.354	0.000	
DESIGN SURFACE	16.183	16.283	16.366	15.946	15.866	16.245	
EXISTING SURFACE	15.84	16.04	16.19	16.22	16.22	16.25	16.35
CHAINAGE	70.000	80.000	88.320	90.000	90.320	91.837	98.320

BESS SITE SECTION 1
CL 1 Ch 70.000 to Ch 98.320

SCALES: HORIZONTAL 1:250 VERTICAL 1:250

REV	DATE	DESCRIPTION	INITIAL	APPR.
F	20/03/24	DA ISSUE - UPDATED VEHICULAR ACCESS	S.J.	R.F
E	13/03/24	DA ISSUE - VEHICULAR ACCESS	R.F.	R.F
D	20/12/23	DA ISSUE - ADJUST DRIVEWAY 2 PROFILE	R.F.	R.F
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B	05/07/23	DA ISSUE	S.S	R.F
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CROSS SECTION : HORIZ. N/A VERT. N/A

PROJECT OVERALL PROPOSED BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736
1154 CLARENCE TOWN ROAD, SEAHAM

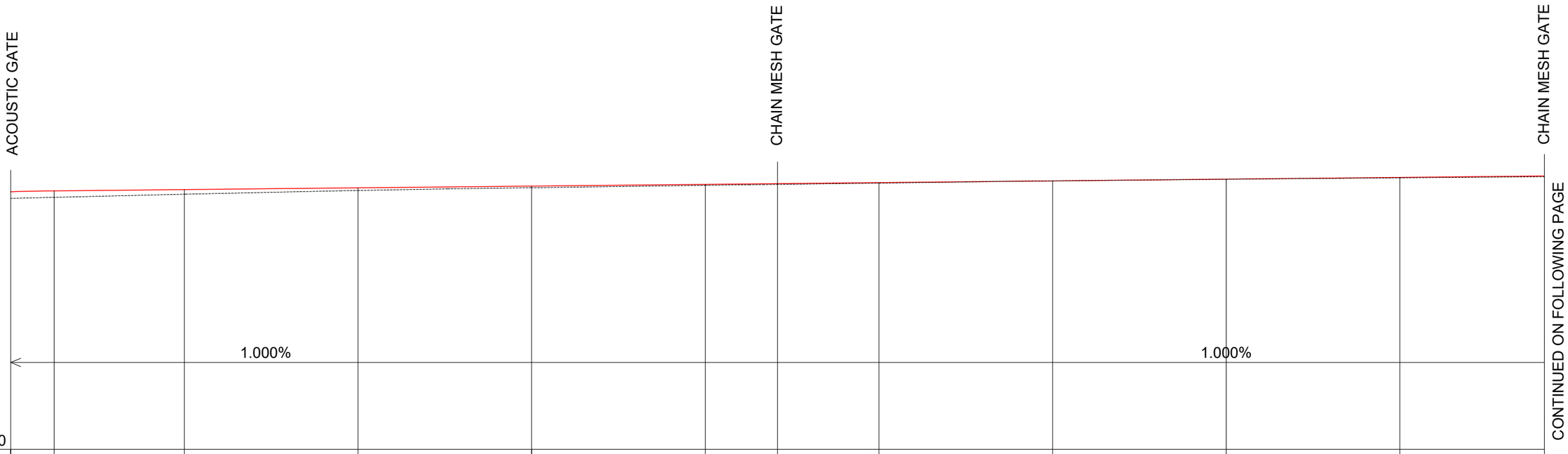
DRAWING TITLE
BESS SECTION 1

SHEET 27 OF 40 SHEETS

HDB Job No 22158
REVISION F
DWG No 22158(CD)RevF-0 - 27

DA ISSUE

A3



CENTRELINE CUT/FILL	0.381	0.372	0.267	0.151	0.093	0.056	0.044	0.029	-0.001	0.006	0.022	0.043
DESIGN SURFACE	15.027	15.077	15.152	15.252	15.352	15.452	15.494	15.552	15.652	15.752	15.852	15.935
EXISTING SURFACE	14.65	14.71	14.88	15.10	15.26	15.40	15.45	15.52	15.65	15.75	15.83	15.89
CHAINAGE	0.000	2.500	10.000	20.000	30.000	40.000	44.160	50.000	60.000	70.000	80.000	88.320

BESS SITE SECTION 2
CL 2 Ch 0.000 to Ch 88.320

SCALES: HORIZONTAL 1:250 VERTICAL 1:250

REV	DATE	DESCRIPTION	INITIAL	APPR.
F	20/03/24	DA ISSUE - UPDATED VEHICULAR ACCESS	S.J.	R.F
E	13/03/24	DA ISSUE - VEHICULAR ACCESS	R.F.	R.F
D	20/12/23	DA ISSUE - ADJUST DRIVEWAY 2 PROFILE	R.F.	R.F
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B	05/07/23	DA ISSUE	S.S	R.F
A	20/06/23	PRELIMINARY ISSUE	S.S	R.F

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PLAN:
LONGITUDINAL SECTION : HORIZ. N/A VERT. N/A
CROSS SECTION : HORIZ. N/A VERT. N/A

PROJECT OVERALL PROPOSED
BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736
1154 CLARENCE TOWN ROAD, SEAHAM

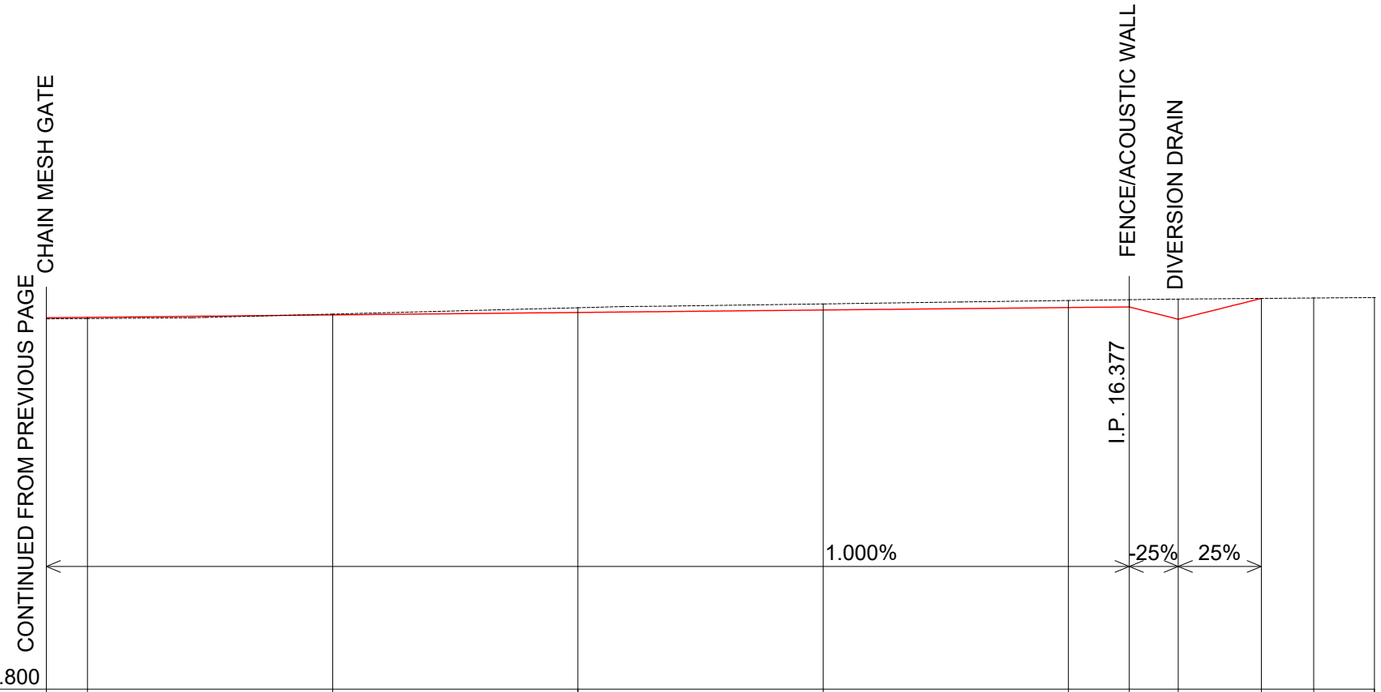
DRAWING TITLE
BESS SECTION 2

SHEET 28 OF 40 SHEETS

HDB Job No 22158
REVISION F
DWG No 22158(CD)RevF-O - 28

DA ISSUE

A3



CENTRELINE CUT/FILL	0.043 0.048	-0.033	-0.192	-0.248	-0.287	-0.295	-0.820	0.000			
DESIGN SURFACE	15.935 15.952	16.052	16.152	16.252	16.352	16.377	15.877	16.724			
EXISTING SURFACE	15.89 15.90	16.08	16.34	16.50	16.64	16.67	16.70	16.72	16.74	16.76	
CHAINAGE	88.320 90.000	100.000	110.000	120.000	130.000	132.480	134.480	137.867	140.000	142.480	

BESS SITE SECTION 2
CL 2 Ch 88.320 to Ch 142.480

SCALES: HORIZONTAL 1:250 VERTICAL 1:250

REV	DATE	DESCRIPTION	INITIAL	APPR
F	20/03/24	DA ISSUE - UPDATED VEHICULAR ACCESS	S.J.	R.F
E	13/03/24	DA ISSUE - VEHICULAR ACCESS	R.F.	R.F
D	20/12/23	DA ISSUE - ADJUST DRIVEWAY 2 PROFILE	R.F.	R.F
C	23/11/23	DA ISSUE	P.C.	R.F
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CLIENT
CLEAN ENERGY TRANSFER FUND PTY LTD

PLAN:
LONGITUDINAL SECTION : HORIZ. N/A VERT. N/A
CROSS SECTION : HORIZ. N/A VERT. N/A

PROJECT OVERALL PROPOSED BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736
1154 CLARENCE TOWN ROAD, SEAHAM

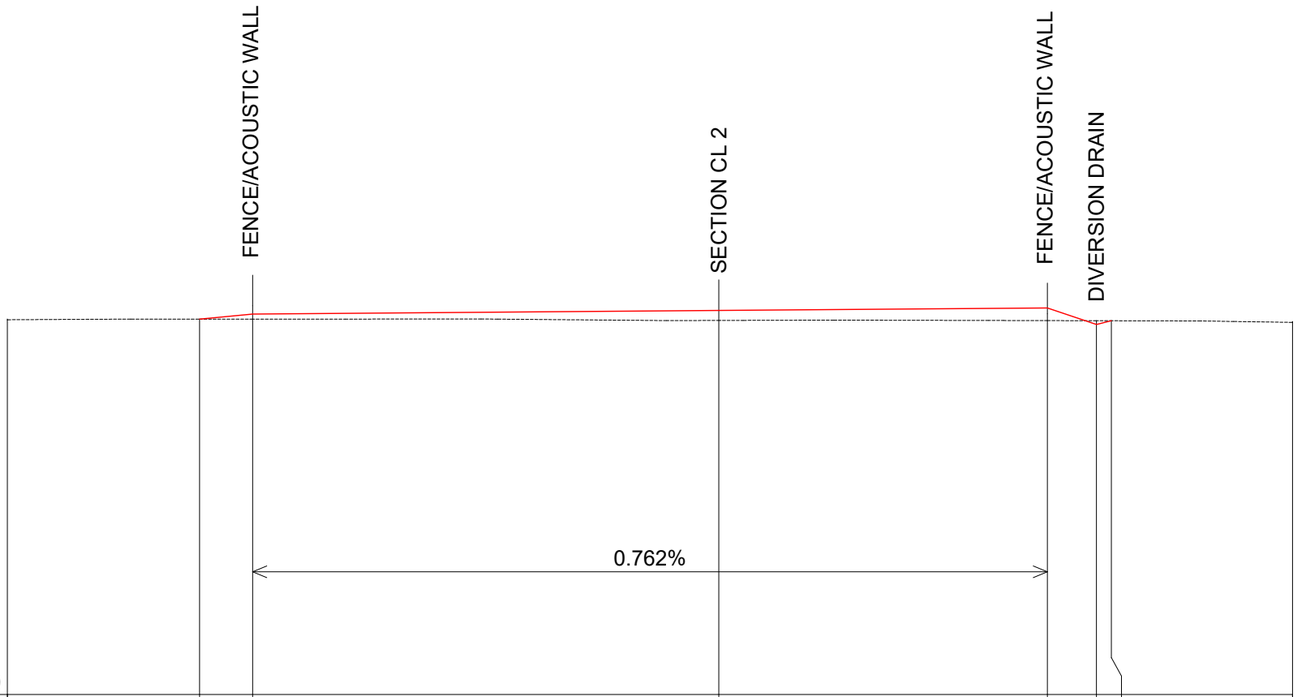
DRAWING TITLE
BESS SECTION 2

SHEET 29 OF 40 SHEETS

HDB Job No 22158
REVISION F
DWG No 22158(CD)RevF-0 - 29

DA ISSUE

A3



RL -0.600									
CENTRELINE CUT/FILL		0.001	0.207	0.406	0.514	-0.154	0.000		
DESIGN SURFACE		14.702	14.907	15.052	15.154	14.418	14.633		
EXISTING SURFACE	14.67	14.70	14.70	14.65	14.64	14.63	14.63	14.57	
CHAINAGE	29.010	21.172	19.010	0.000	13.400	15.400	16.010	23.400	

BESS SECTION 2
CROSS SECTION CH 0.000

SCALES: HORIZONTAL 1:250 VERTICAL 1:250

REV	DATE	DESCRIPTION	INITIAL	APPR.
F	20/03/24	DA ISSUE - UPDATED VEHICULAR ACCESS	S.J.	R.F
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PROJECT OVERALL PROPOSED BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736
1154 CLARENCE TOWN ROAD, SEAHAM

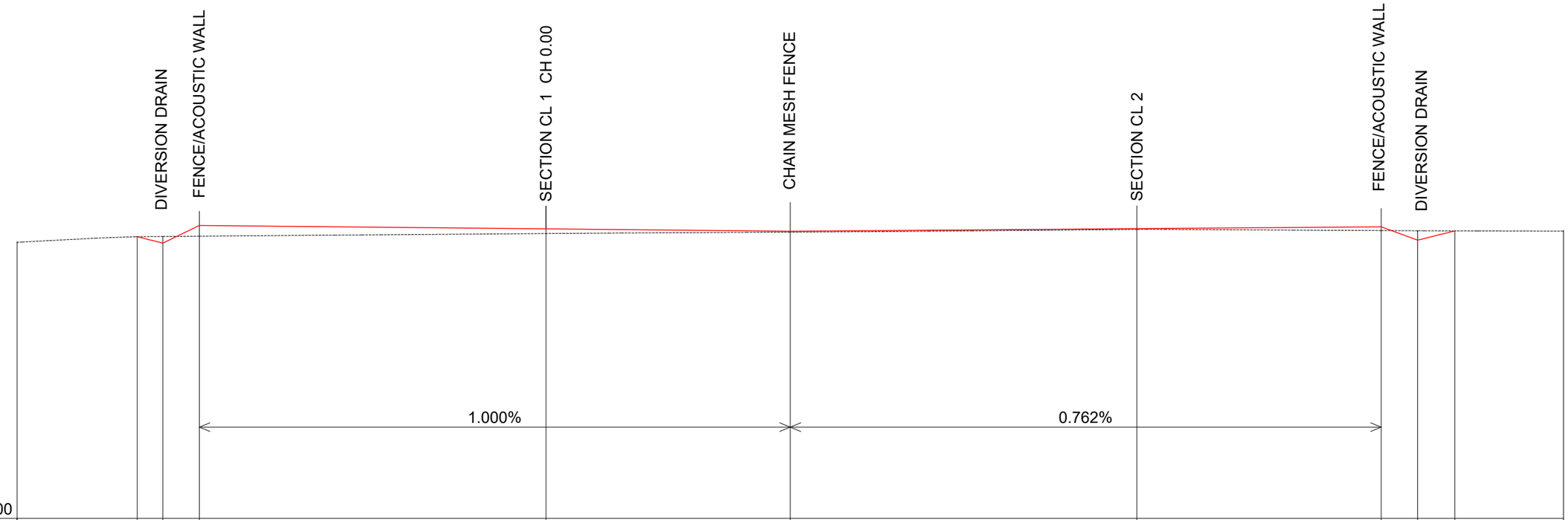
DRAWING TITLE
BESS CROSS SECTION

SHEET 30 OF 40 SHEETS

HDB Job No 22158
REVISION F
DWG No 22158(CD)RevF-0 - 30

DA ISSUE

A3



RL -0.400											
CENTRELINE CUT/FILL		0.000	-0.364	0.593	0.263	0.049	0.044	0.206	-0.517	-0.001	
DESIGN SURFACE		15.050	14.698	15.673	15.483	15.349	15.494	15.596	14.860	15.369	
EXISTING SURFACE	14.75	15.05	15.06	15.08	15.22	15.30	15.45	15.39	15.38	15.37	**15.35**
CHAINAGE	61.420	54.829	53.420	51.420	32.410	19.010	0.000	13.400	15.400	17.438	23.400

BESS SECTION 2

CROSS SECTION CH 44.16

SCALES: HORIZONTAL 1:250 VERTICAL 1:250

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PROJECT OVERALL PROPOSED BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736
1154 CLARENCE TOWN ROAD, SEAHAM

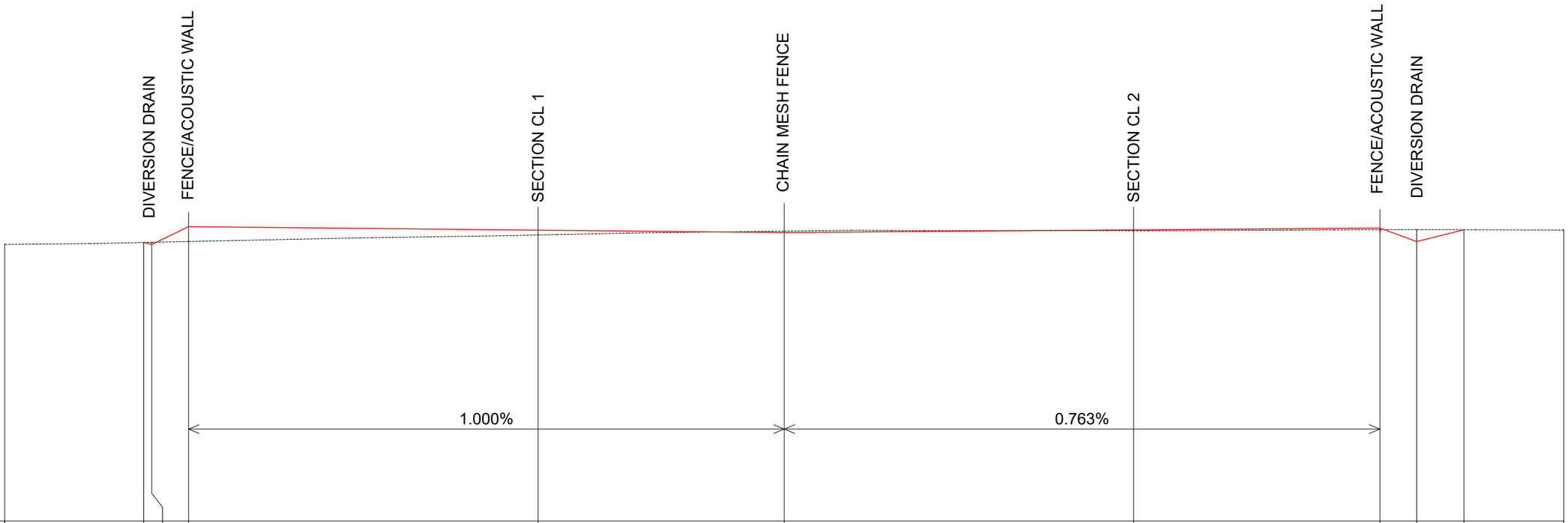
DRAWING TITLE
BESS CROSS SECTION

SHEET 31 OF 40 SHEETS

HDB Job No 22158
REVISION F
DWG No 22158(CD)RevF-0 - 31

DA ISSUE

A3



RL 0.100												
CENTRELINE CUT/FILL		-0.001	-0.119	0.815	0.268	-0.080	0.043	0.097	-0.649	0.000		
DESIGN SURFACE		15.251	15.142	16.115	15.925	15.790	15.935	16.037	15.301	15.944		
EXISTING SURFACE	15.14	15.25	15.26	15.30	15.66	15.87	15.89	15.94	15.95	15.94	15.93	
CHAINAGE	61.42	53.858	53.420	51.420	32.410	19.010	0.000	13.400	15.400	17.971	23.400	

BESS SECTION 2

CROSS SECTION 88.320

SCALES: HORIZONTAL 1:250 VERTICAL 1:250

REV	DATE	DESCRIPTION	INITIAL	APPR.
F	20/03/24	DA ISSUE - UPDATED VEHICULAR ACCESS	S.J.	R.F
E	13/03/24	DA ISSUE - VEHICULAR ACCESS	R.F.	R.F
D	20/12/23	DA ISSUE - ADJUST DRIVEWAY 2 PROFILE	R.F.	R.F
C	23/11/23	DA ISSUE	P.C.	R.F
B	05/07/23	DA ISSUE	S.S	R.F
A	20/06/23	PRELIMINARY ISSUE	S.S	R.F

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SURVEY BY: LIDAR
DATUM : AHD
REDUCED LEVEL :
ORIGIN OF LEVELS :
CONTOUR INTERVAL: 1.0m
DESIGNED: R.F. DRAWN: P.C.
CHECKED: R.F. APPROVED: R.F.

CLIENT
CLEAN ENERGY TRANSFER FUND PTY LTD

PLAN:
LONGITUDINAL SECTION : HORIZ. N/A VERT. N/A
CROSS SECTION : HORIZ. N/A VERT. N/A

PROJECT OVERALL PROPOSED BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736
1154 CLARENCE TOWN ROAD, SEAHAM

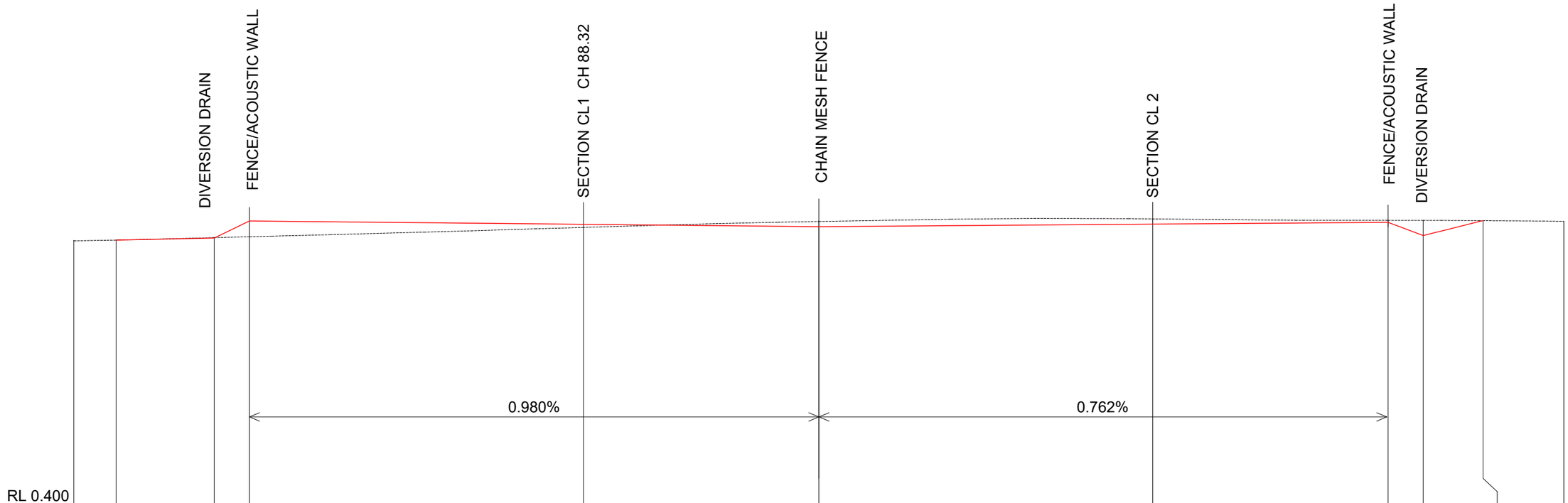
DRAWING TITLE
CROSS SECTION

SHEET 32 OF 40 SHEETS

HDB Job No 22158
REVISION F
DWG No 22158(CD)RevF-O - 32

DA ISSUE

A3



CENTRELINE CUT/FILL	0.000	-0.026	0.896	0.178	-0.288	-0.295	-0.111	-0.862	0.004		
DESIGN SURFACE	15.467	15.581	16.556	16.366	16.232	16.377	16.479	15.725	16.575		
EXISTING SURFACE	15.42 15.47	15.61	15.66	16.19	16.52	16.67	16.59	16.59	16.57	16.54	
CHAINAGE	61.420 59.005	53.420	51.420	32.410	19.010	0.000	13.400	15.400	18.803	23.400	

BESS SECTION 2

CROSS SECTION 132.480

SCALES: HORIZONTAL 1:250 VERTICAL 1:250

REV	DATE	DESCRIPTION	INITIAL	APPR.
F	20/03/24	DA ISSUE - UPDATED VEHICULAR ACCESS	S.J.	R.F
E	13/03/24	DA ISSUE - VEHICULAR ACCESS	R.F.	R.F
D	20/12/23	DA ISSUE - ADJUST DRIVEWAY 2 PROFILE	R.F.	R.F
C	23/11/23	DA ISSUE	P.C.	R.F
B	05/07/23	DA ISSUE	S.S	R.F
A	20/06/23	PRELIMINARY ISSUE	S.S	R.F

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SURVEY BY: LIDAR
DATUM : AHD
REDUCED LEVEL :
ORIGIN OF LEVELS :
CONTOUR INTERVAL: 1.0m
DESIGNED: R.F. DRAWN: P.C.
CHECKED: R.F. APPROVED: R.F.

CLIENT
CLEAN ENERGY TRANSFER FUND PTY LTD

PLAN:
LONGITUDINAL SECTION : HORIZ. N/A VERT. N/A
CROSS SECTION : HORIZ. N/A VERT. N/A

PROJECT OVERALL PROPOSED BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736
1154 CLARENCE TOWN ROAD, SEAHAM

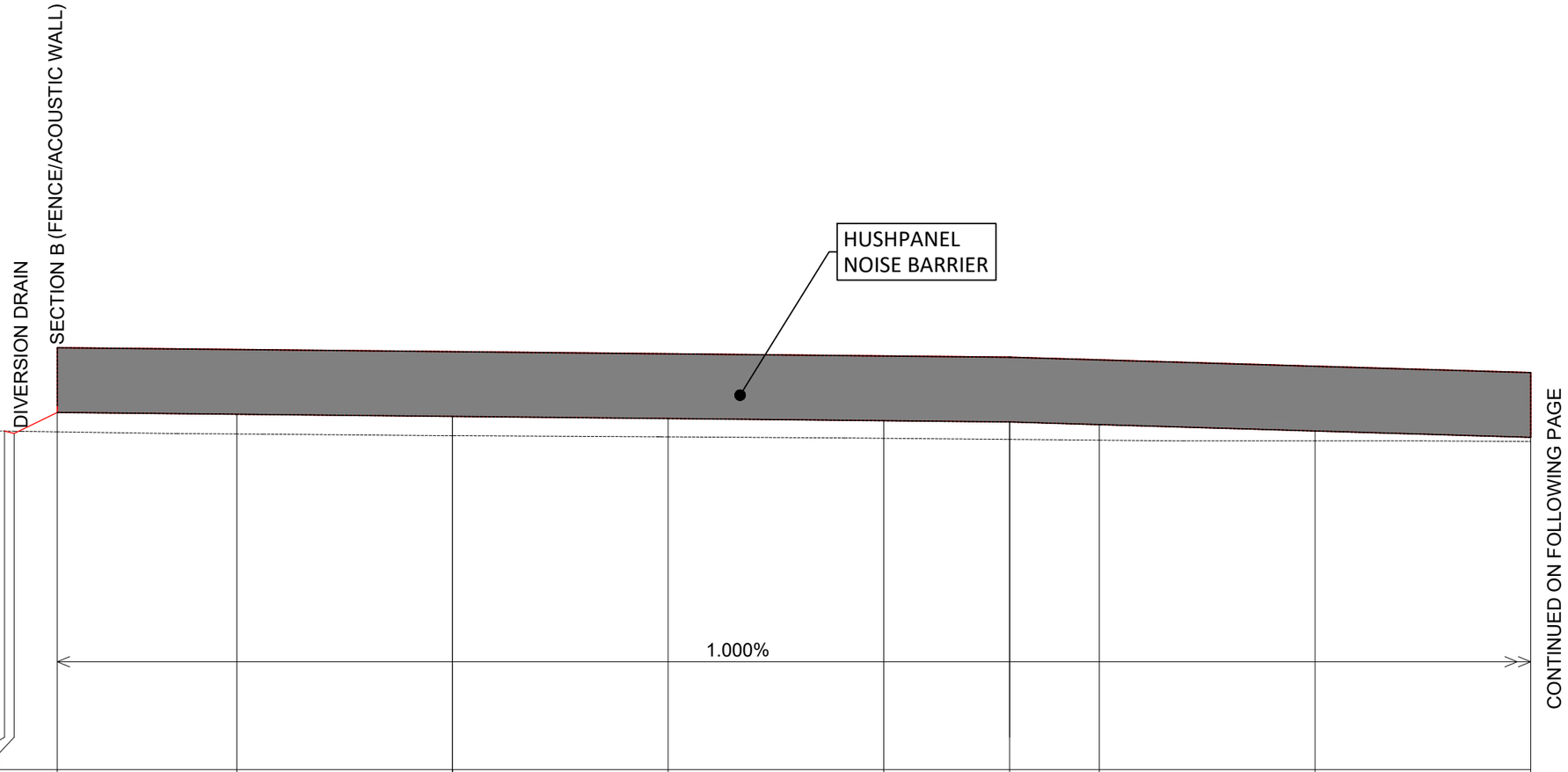
DRAWING TITLE
BESS CROSS SECTION

SHEET 33 OF 40 SHEETS

HDB Job No 22158
REVISION F
DWG No 22158(CD)RevF-0 - 33

DA ISSUE

A3



RL 0.000

CENTRELINE CUT/FILL		0.000	-0.105	0.896	0.912	0.893	0.853	0.348	0.815	0.720	0.466	0.190
DESIGN SURFACE		15.693	15.581	16.556	16.472	16.373	16.273	15.698	16.115	15.990	15.696	15.398
EXISTING SURFACE	15.80	15.69	15.69	15.66	15.56	15.48	15.42	15.35	15.30	15.27	15.23	15.21
CHAINAGE	0.000	7.554	8.000	10.000	18.320	28.320	38.320	48.320	54.160	58.320	68.320	78.320

SECTION A
Ch 0.000 to Ch 78.320

SCALES: HORIZONTAL 1:250 VERTICAL 1:250

REV	DATE	DESCRIPTION	INITIAL	APPR.
F	20/03/24	DA ISSUE - UPDATED VEHICULAR ACCESS	S.J.	R.F
E	13/03/24	DA ISSUE - VEHICULAR ACCESS	R.F.	R.F
D	20/12/23	DA ISSUE - ADJUST DRIVEWAY 2 PROFILE	R.F.	R.F
C	23/11/23	DA ISSUE	P.C.	R.F
B	05/07/23	DA ISSUE	S.S	R.F
A	20/06/23	PRELIMINARY ISSUE	S.S	R.F

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DATUM : AHD
REDUCED LEVEL :
ORIGIN OF LEVELS :
CONTOUR INTERVAL: 1.0m
DESIGNED: R.F. DRAWN: P.C.
CHECKED: R.F. APPROVED: R.F.

CLIENT
CLEAN ENERGY TRANSFER FUND PTY LTD

PLAN:
LONGITUDINAL SECTION : HORIZ. N/A VERT. N/A
CROSS SECTION : HORIZ. N/A VERT. N/A

PROJECT OVERALL PROPOSED BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736
1154 CLARENCE TOWN ROAD, SEAHAM

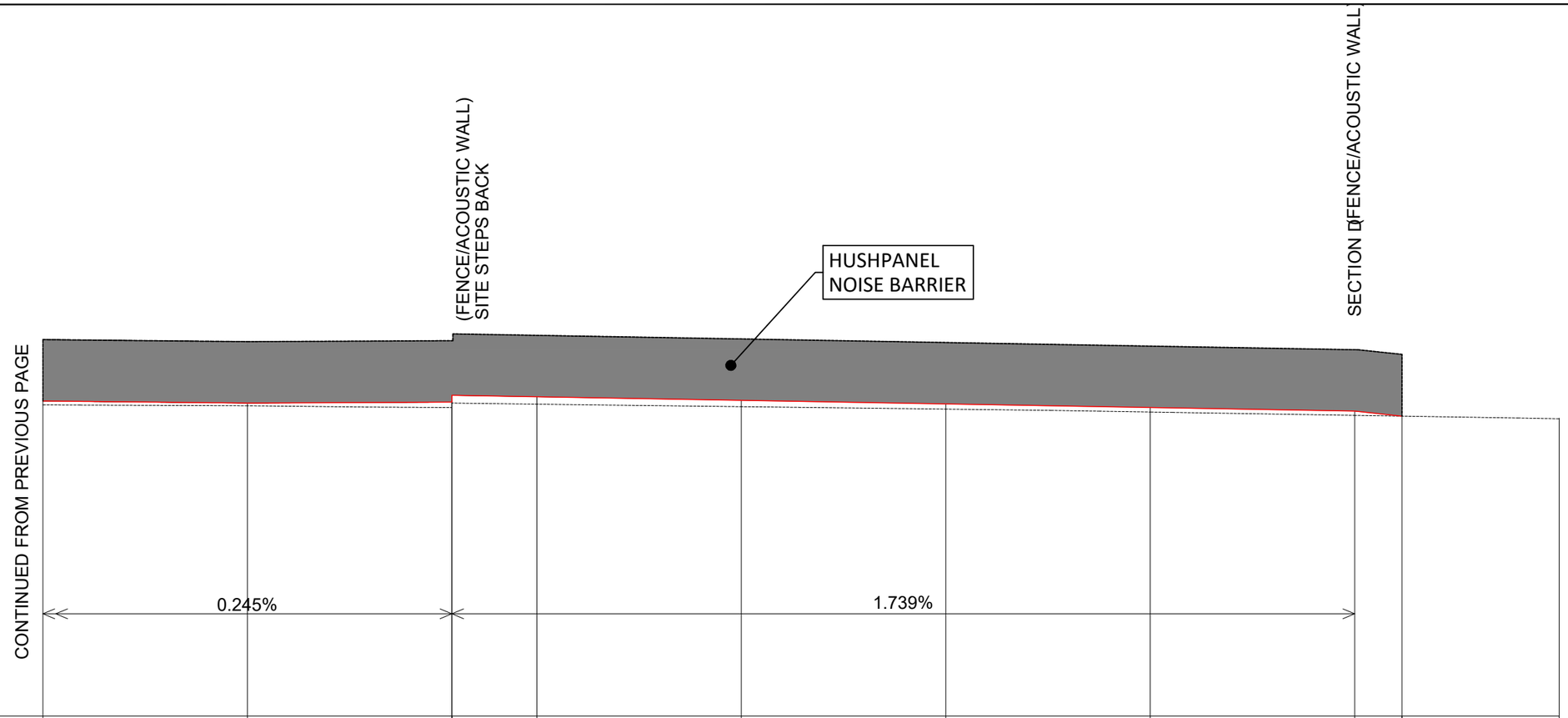
DRAWING TITLE
FENCE SECTION

SHEET 34 OF 40 SHEETS

HDB Job No 22158
REVISION F
DWG No 22158(CD)RevF-0 - 34

DA ISSUE

A3



RL 0.000

CENTRELINE CUT/FILL	0.190		0.131		0.193	0.375		0.394		0.333		0.248		0.222		0.207	0.001						
DESIGN SURFACE	15.398		15.301		15.349	15.675		15.642		15.433		15.258		15.082		14.907	14.664						
EXISTING SURFACE	15.21		15.17		15.30	15.30		15.25		15.13		15.01		14.86		14.70	14.66		14.53				
CHAINAGE	78.320		88.320		98.320	98.320		102.480		112.480		122.480		132.480		142.480	144.480		152.480				

SECTION A
Ch 78.320 to Ch 152.480

SCALES: HORIZONTAL 1:250 VERTICAL 1:250

REV	DATE	DESCRIPTION	INITIAL	APPR.
F	20/03/24	DA ISSUE - UPDATED VEHICULAR ACCESS	S.J.	R.F.
E	13/03/24	DA ISSUE - VEHICULAR ACCESS	R.F.	R.F.
D	20/12/23	DA ISSUE - ADJUST DRIVEWAY 2 PROFILE	R.F.	R.F.
C	23/11/23	DA ISSUE	P.C.	R.F.
B	05/07/23	DA ISSUE	S.S	R.F.
A	20/06/23	PRELIMINARY ISSUE	S.S	R.F.

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SURVEY BY: LIDAR
DATUM : AHD
REDUCED LEVEL :
ORIGIN OF LEVELS :
CONTOUR INTERVAL: 1.0m
DESIGNED: R.F. DRAWN: P.C.
CHECKED: R.F. APPROVED: R.F.

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CLEAN ENERGY TRANSFER FUND PTY LTD

PLAN:
LONGITUDINAL SECTION : HORIZ. N/A VERT. N/A
CROSS SECTION : HORIZ. N/A VERT. N/A

PROJECT OVERALL PROPOSED BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736
1154 CLARENCE TOWN ROAD, SEAHAM

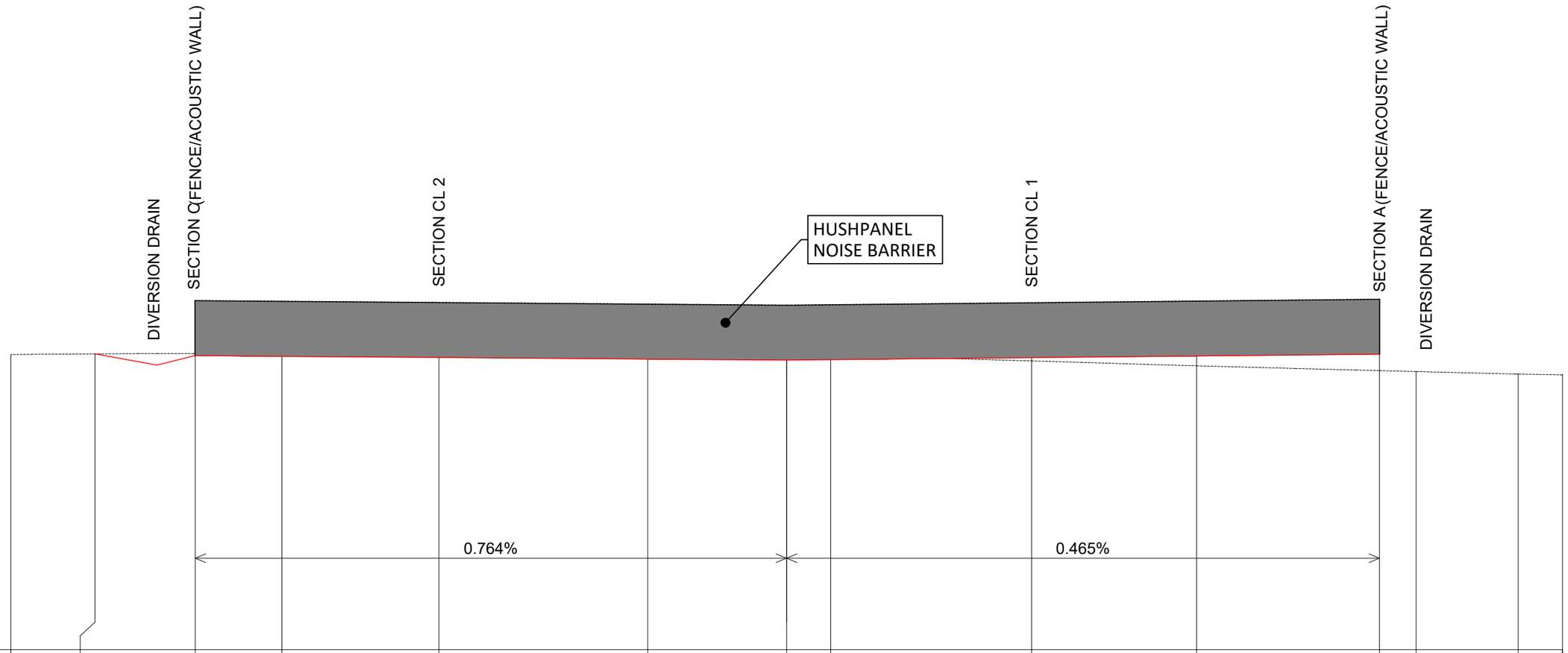
DRAWING TITLE
FENCE SECTION

SHEET 35 OF 40 SHEETS

HDB Job No 22158
REVISION F
DWG No 22158(CD)RevF-0 - 35

DA ISSUE

A3



RL 0.400

CENTRELINE CUT/FILL		0.004	-0.111	-0.157	-0.300	-0.370	-0.288	-0.224	-0.161	0.575	0.424	-0.026	0.000	
DESIGN SURFACE		16.575	16.479	16.433	16.377	16.280	16.232	16.256	16.029	16.495	16.081	15.581	15.467	
EXISTING SURFACE	16.54	16.57	16.59	16.59	16.67	16.65	16.52	16.48	16.19	15.92	15.66	15.61	15.47	15.42
CHAINAGE	0.000	4.590	10.074	14.815	23.399	34.815	42.415	44.815	55.802	64.815	74.815	76.815	82.400	84.815

SECTION B

SCALES: HORIZONTAL 1:250 VERTICAL 1:250

REV	DATE	DESCRIPTION	INITIAL	APPR.
F	20/03/24	DA ISSUE - UPDATED VEHICULAR ACCESS	S.J.	R.F
E	13/03/24	DA ISSUE - VEHICULAR ACCESS	R.F.	R.F
D	20/12/23	DA ISSUE - ADJUST DRIVEWAY 2 PROFILE	R.F.	R.F
C	23/11/23	DA ISSUE	P.C.	R.F
B	05/07/23	DA ISSUE	S.S	R.F
A	20/06/23	PRELIMINARY ISSUE	S.S	R.F

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SURVEY BY: LIDAR
DATUM : AHD
REDUCED LEVEL :
ORIGIN OF LEVELS :
CONTOUR INTERVAL: 1.0m
DESIGNED: R.F. DRAWN: P.C.
CHECKED: R.F. APPROVED: R.F.

CLIENT
CLEAN ENERGY TRANSFER FUND PTY LTD

PLAN:
LONGITUDINAL SECTION : HORIZ. N/A VERT. N/A
CROSS SECTION : HORIZ. N/A VERT. N/A

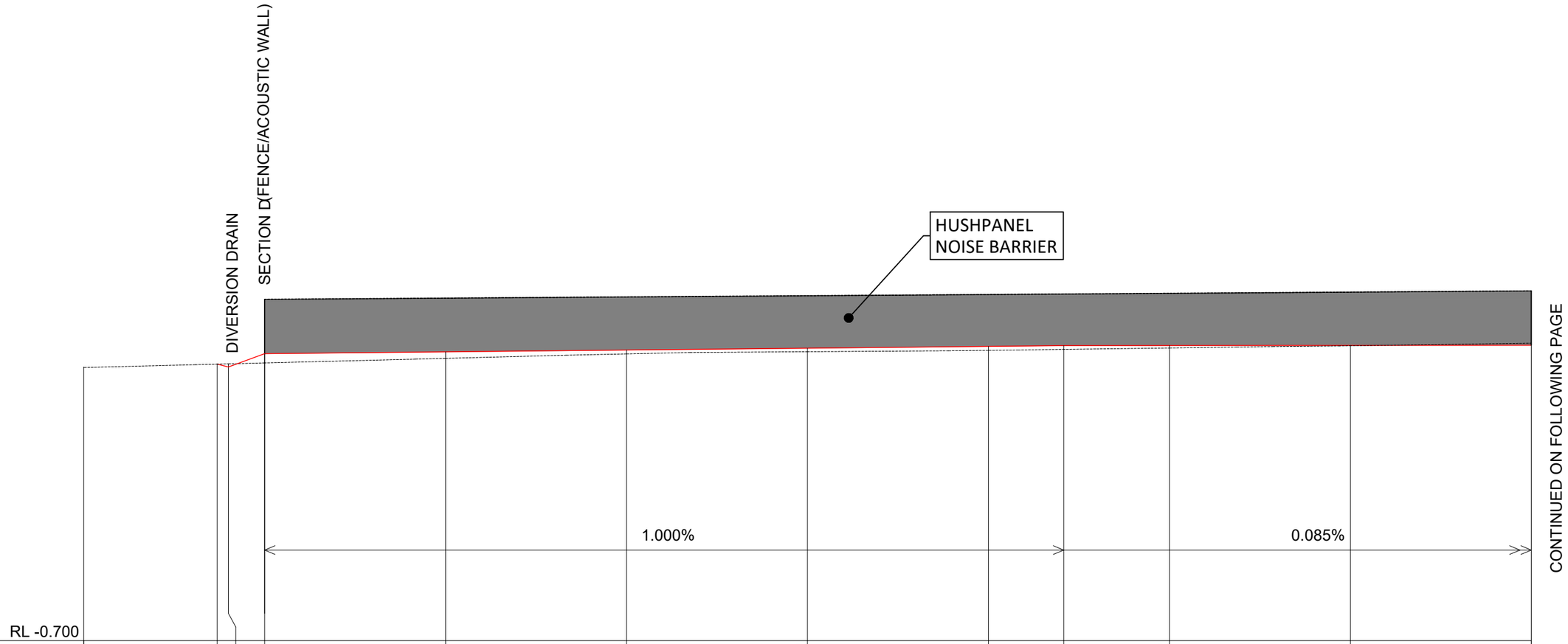
PROJECT OVERALL PROPOSED BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736
1154 CLARENCE TOWN ROAD, SEAHAM

DRAWING TITLE
FENCE SECTION

SHEET 36 OF 40 SHEETS

HDB Job No 22158
REVISION F
DWG No 22158(CD)RevF-0 - 36

DA ISSUE



CENTRELINE CUT/FILL		0.000	-0.171	0.514	0.364	0.214	0.190	0.214	0.206	0.130	0.019	-0.115
DESIGN SURFACE		14.573	14.418	15.154	15.254	15.354	15.450	15.554	15.596	15.600	15.609	15.618
EXISTING SURFACE	14.39	14.57	14.59	14.64	14.89	15.14	15.26	15.34	15.39	15.47	15.59	15.73
CHAINAGE	0.000	7.378	8.000	10.000	20.000	30.000	40.000	50.000	54.157	60.000	70.000	80.000

SECTION C
Ch 0.000 to Ch 80.000

SCALES: HORIZONTAL 1:250 VERTICAL 1:250

DATE	DESCRIPTION	INITIAL	APPR.
20/03/24	DA ISSUE - UPDATED VEHICULAR ACCESS	S.J.	R.F
13/03/24	DA ISSUE - VEHICULAR ACCESS	R.F.	R.F
20/12/23	DA ISSUE - ADJUST DRIVEWAY 2 PROFILE	R.F.	R.F
23/11/23	DA ISSUE	P.C.	R.F
05/07/23	DA ISSUE	S.S	R.F
20/06/23	PRELIMINARY ISSUE	S.S	R.F

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SURVEY BY: LIDAR
DATUM : AHD
REDUCED LEVEL :
ORIGIN OF LEVELS :
CONTOUR INTERVAL: 1.0m
DESIGNED: R.F. DRAWN: P.C.
CHECKED: R.F. APPROVED: R.F.

CLIENT
CLEAN ENERGY TRANSFER FUND PTY LTD

PLAN:
LONGITUDINAL SECTION : HORIZ. N/A VERT. N/A
CROSS SECTION : HORIZ. N/A VERT. N/A

PROJECT OVERALL PROPOSED BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736
1154 CLARENCE TOWN ROAD, SEAHAM

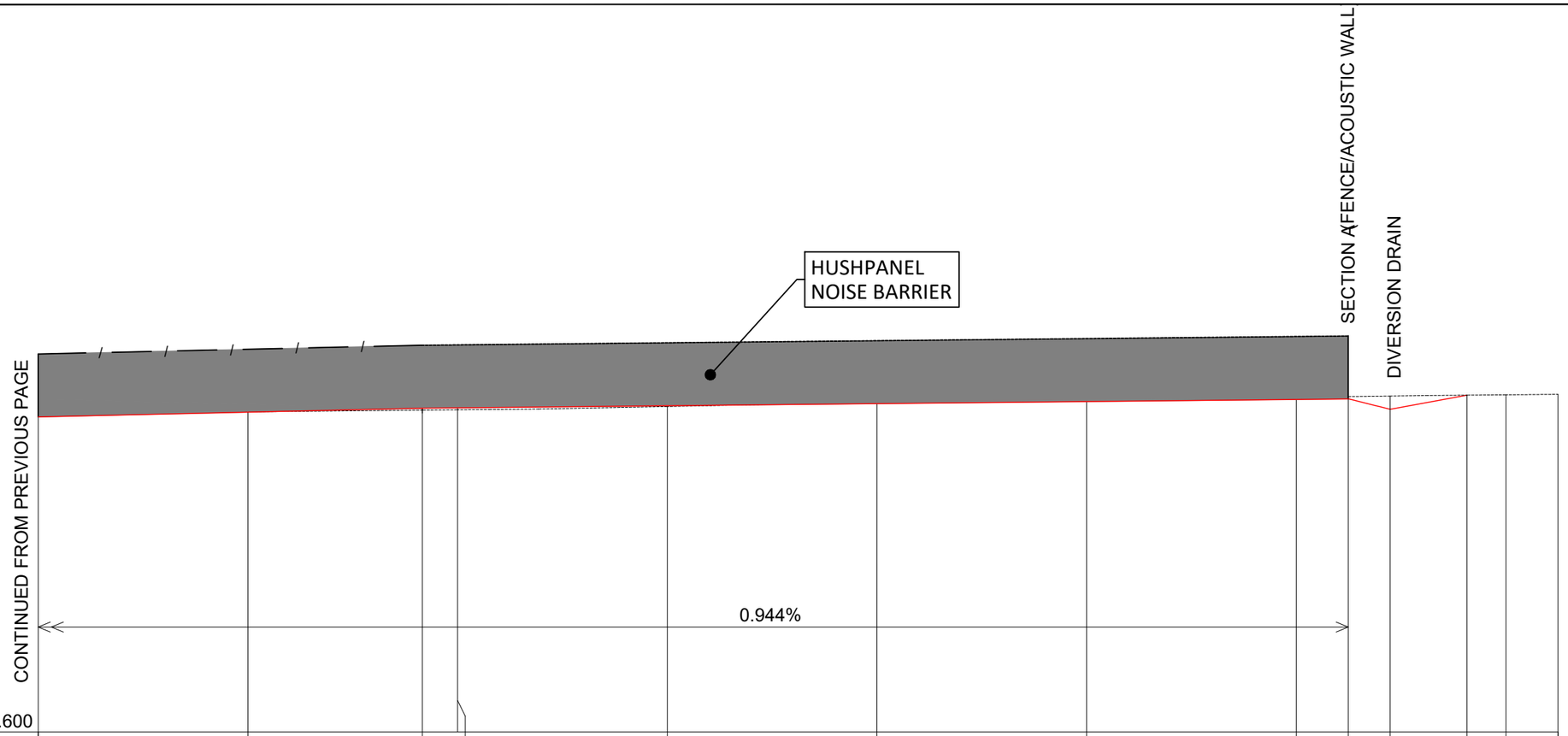
DRAWING TITLE
FENCE SECTION

SHEET 37 OF 40 SHEETS

HDB Job No 22158
REVISION F
DWG No 22158(CD)RevF-0 - 3

DA ISSUE

A3



CENTRELINE CUT/FILL	-0.115	0.000	0.097	0.093	0.033	-0.056	-0.076	-0.096	-0.111	-0.873	0.000		
DESIGN SURFACE	15.618	15.867	16.037	16.053	16.153	16.254	16.354	16.454	16.479	15.743	16.659		
EXISTING SURFACE	15.73	15.86	15.94	15.96	16.12	16.31	16.43	16.55	16.59	16.62	16.66	16.68	16.70
CHAINAGE	80.000	90.000	98.318	100.000	110.000	120.000	130.000	140.000	142.477	144.477	148.139	150.000	152.480

SECTION C
SEC 5 Ch 80.000 to Ch 152.480

SCALES: HORIZONTAL 1:250 VERTICAL 1:250

REV	DATE	DESCRIPTION	INITIAL	APPR.
F	20/03/24	DA ISSUE - UPDATED VEHICULAR ACCESS	S.J.	R.F
E	13/03/24	DA ISSUE - VEHICULAR ACCESS	R.F.	R.F
D	20/12/23	DA ISSUE - ADJUST DRIVEWAY 2 PROFILE	R.F.	R.F
C	23/11/23	DA ISSUE	P.C.	R.F
B	05/07/23	DA ISSUE	S.S	R.F
A	20/06/23	PRELIMINARY ISSUE	S.S	R.F

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SURVEY BY: LIDAR
DATUM : AHD
REDUCED LEVEL :
ORIGIN OF LEVELS :
CONTOUR INTERVAL: 1.0m
DESIGNED: R.F. DRAWN: P.C.
CHECKED: R.F. APPROVED: R.F.

CLIENT
CLEAN ENERGY TRANSFER FUND PTY LTD

PLAN:
LONGITUDINAL SECTION : HORIZ. N/A VERT. N/A
CROSS SECTION : HORIZ. N/A VERT. N/A

PROJECT OVERALL PROPOSED BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736
1154 CLARENCE TOWN ROAD, SEAHAM

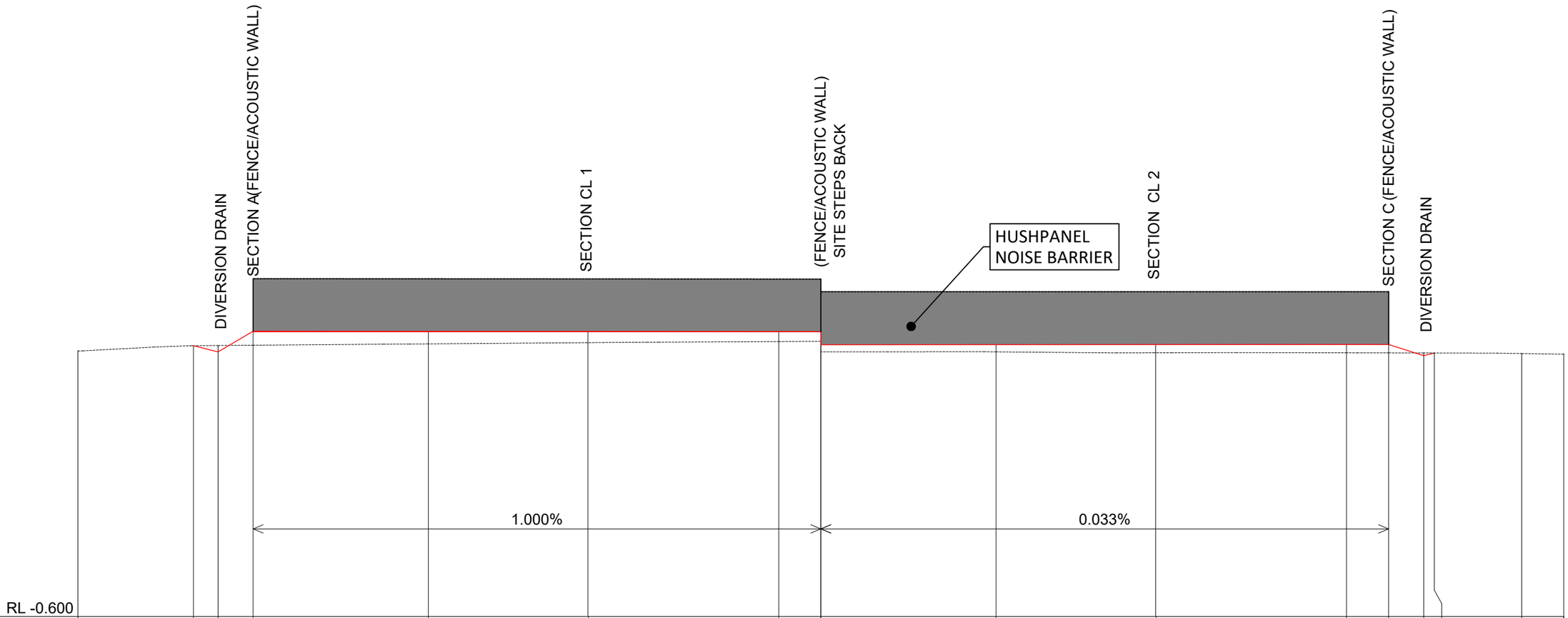
DRAWING TITLE
FENCE SECTION

SHEET 38 OF 40 SHEETS

HDB Job No 22158
REVISION F
DWG No 22158(CD)RevF-0 - 38

DA ISSUE

A3



CENTRELINE CUT/FILL		0.000	-0.364	0.593	0.498	0.428	0.359	0.049	0.207	0.210	0.260	0.277	0.279	-0.154	0.000		
DESIGN SURFACE		15.050	14.698	15.673	15.648	15.648	15.648	15.349	14.907	14.910	14.910	14.917	14.918	14.418	14.633		
EXISTING SURFACE	14.75	15.05	15.06	15.08	15.15	15.22	15.29	15.30	14.70	14.70	14.65	14.64	14.64	14.63	14.63	14.60	14.57
CHAINAGE	0.000	6.591	8.000	10.000	20.000	29.011	40.000	42.406	10.000	20.000	29.008	40.000	42.408	44.408	45.018	50.000	52.405

SECTION D

SCALES: HORIZONTAL 1:250 VERTICAL 1:250

REV	DATE	DESCRIPTION	INITIAL	APPR.
F	20/03/24	DA ISSUE - UPDATED VEHICULAR ACCESS	S.J.	R.F
E	13/03/24	DA ISSUE - VEHICULAR ACCESS	R.F.	R.F
D	20/12/23	DA ISSUE - ADJUST DRIVEWAY 2 PROFILE	R.F.	R.F
C	23/11/23	DA ISSUE	P.C.	R.F
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SURVEY BY: LIDAR
DATUM : AHD
REDUCED LEVEL :
ORIGIN OF LEVELS :
CONTOUR INTERVAL: 1.0m
DESIGNED: R.F. DRAWN: P.C.
CHECKED: R.F. APPROVED: R.F.

CLIENT
CLEAN ENERGY TRANSFER FUND PTY LTD

PLAN:
LONGITUDINAL SECTION : HORIZ. N/A VERT. N/A
CROSS SECTION : HORIZ. N/A VERT. N/A

PROJECT OVERALL PROPOSED BATTERY ENERGY STORAGE SYSTEM
LOT 1 DP 1265736
1154 CLARENCE TOWN ROAD, SEAHAM

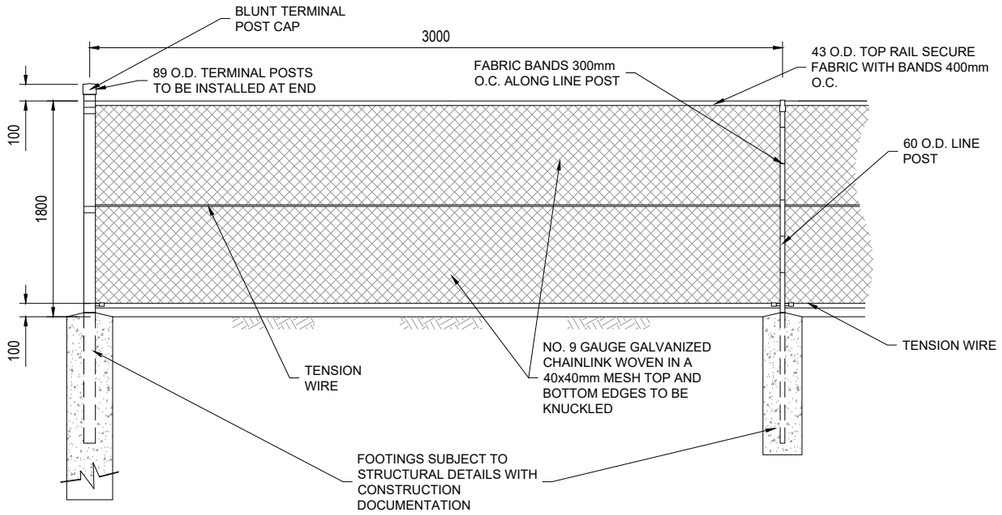
DRAWING TITLE
FENCE SECTION

SHEET 39 OF 40 SHEETS

HDB Job No 22158
REVISION F
DWG No 22158(CD)RevF-0 - 39

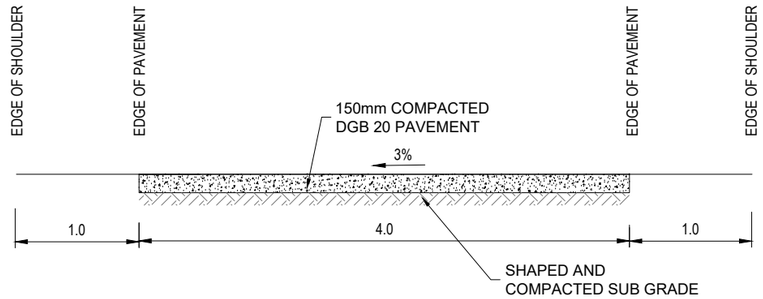
DA ISSUE

A3



CHAIN WIRE MESH FENCE DETAIL

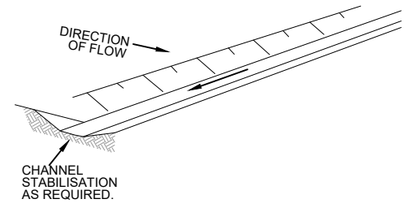
N.T.S.



TYPICAL ACCESS DRIVEWAY SECTION

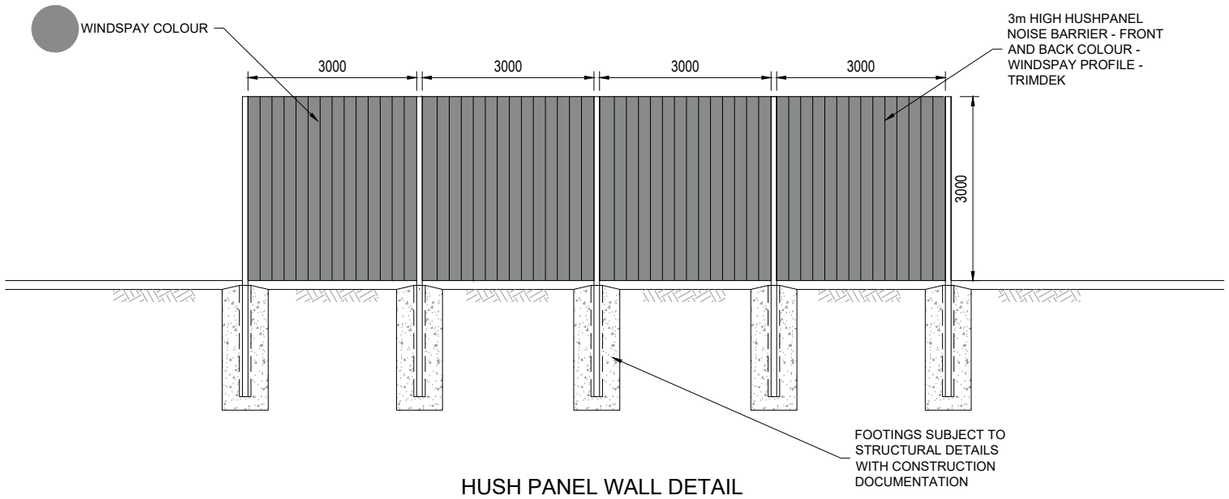
(LEAD IN ACCESS)

SCALE H:1:50 @ A3 V:1:50 @ A3



DIVERSION BANK AND CHANNEL

N.T.S.

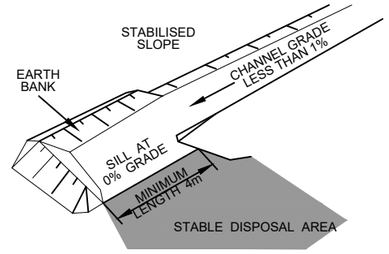


HUSH PANEL WALL DETAIL

N.T.S.

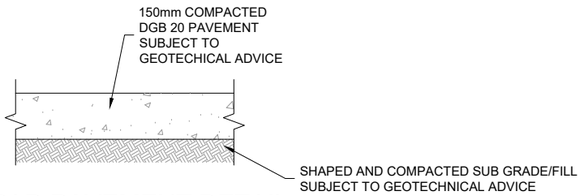
TRIMDEK PROFILE

N.T.S.



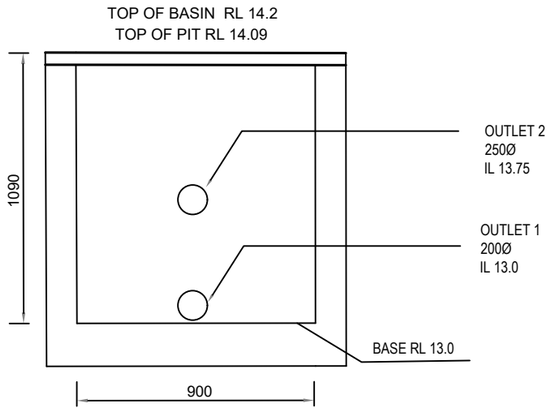
LEVEL SPREADER

N.T.S.



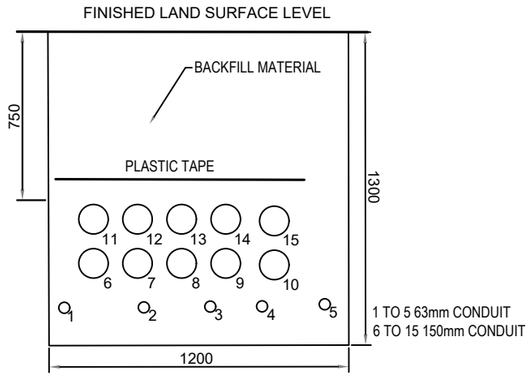
PAD PAVEMENT DETAIL

SCALE 1:20 @ A3



900 x 900 OSD OUTLET CONTROL PIT

N.T.S.



TYPICAL TRENCH SECTION FOR POWER CONNECTION

N.T.S.

REV	DATE	DESCRIPTION	INITIAL	APPR.
F	20/03/24	DA ISSUE - UPDATED VEHICULAR ACCESS	S.J.	R.F.
E	13/03/24	DA ISSUE - VEHICULAR ACCESS	R.F.	R.F.
D	20/12/23	DA ISSUE - ADJUST DRIVEWAY 2 PROFILE	R.F.	R.F.
C	23/11/23	DA ISSUE	P.C.	R.F.
B	05/07/23	DA ISSUE	S.S	R.F.
A	20/06/23	PRELIMINARY ISSUE	S.S	R.F.

DIAL 1100 BEFORE YOU DIG

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E: admin@hdb.com.au W: www.hdb.com.au
ABN 35 078 017 508

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PROJECT OVERALL PROPOSED BATTERY ENERGY STORAGE SYSTEM
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DRAWING TITLE
DETAILS

SHEET 40 OF 40 SHEETS

HDB Job No 22158
REVISION F
DWG No 22158(CD)RevF-0 - 40

DA ISSUE