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REV.	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY	SCALE
A	05/10/2011	Issued for Approval	L.W.	L.G.	L.W.	L.G.	
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Central Coast
2 Bounty Close,
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CLIENT

EMPOWERED LIVING
SUPPORT SERVICES.

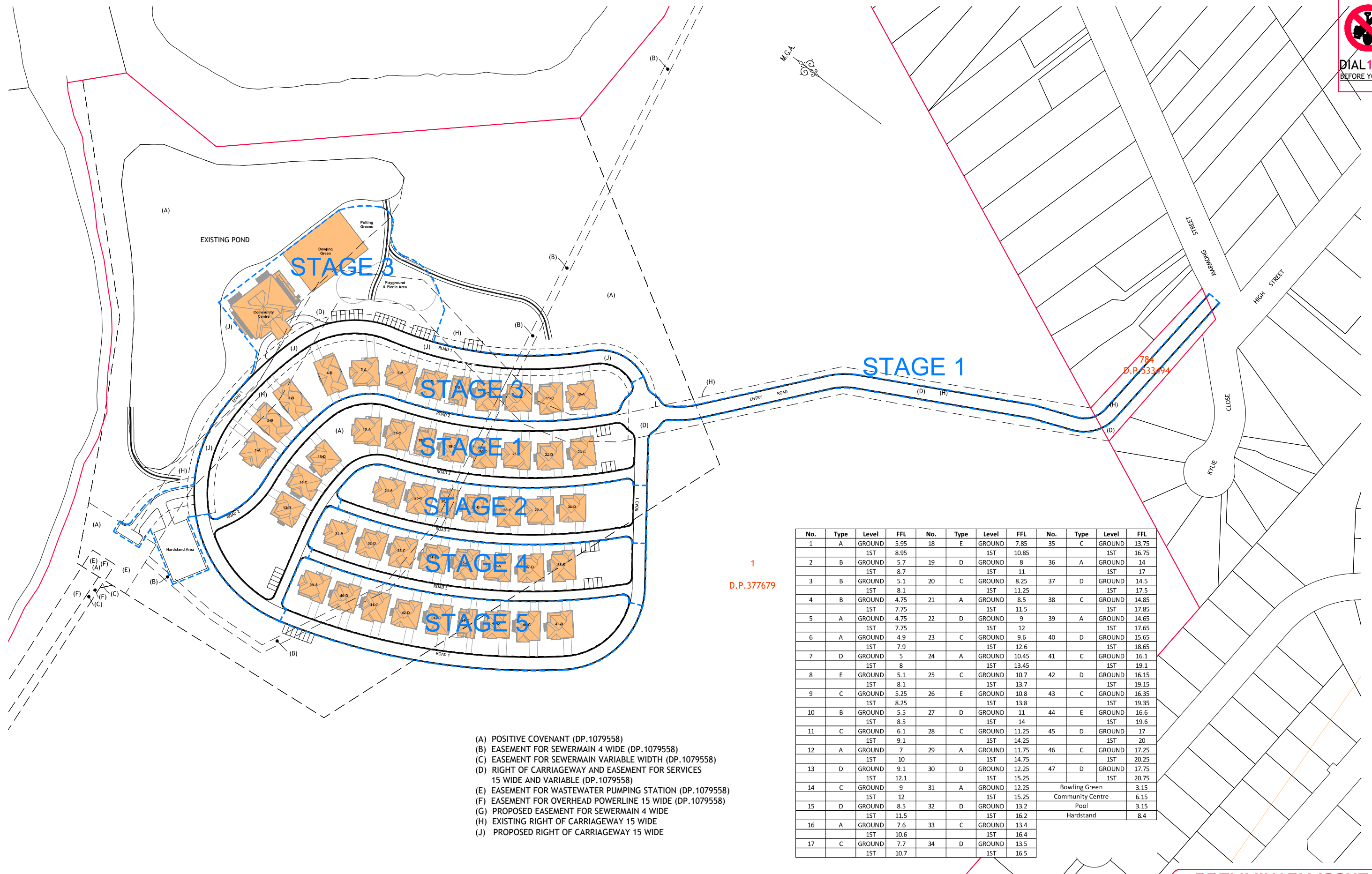
PROPERTY DESCRIPTION

PROPOSED SUBDIVISION OF
LOT1 D.P. 377679 & LOT 784 D.P. 533494,
135a MARMONG ST,
MARMONG POINT

PROJECT	MARMONG AGED CARE FACILITY
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PLAN TITLE	COVER SHEET, LOCALITY PLAN & DRAWING INDEX
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PROJECT No.	DISCIPLINE	NUMBER	REV.
238111 -	CENG -	001	F



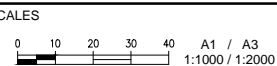
- (A) POSITIVE COVENANT (DP.1079558)
(B) EASEMENT FOR SEWERMAIN 4 WIDE (DP.1079558)
(C) EASEMENT FOR SEWERMAIN VARIABLE WIDTH (DP.1079558)
(D) RIGHT OF CARRIAGEWAY AND EASEMENT FOR SERVICES
15 WIDE AND VARIABLE (DP.1079558)
(E) EASEMENT FOR WASTEWATER PUMPING STATION (DP.1079558)
(F) EASEMENT FOR OVERHEAD POWERLINE 15 WIDE (DP.1079558)
(G) PROPOSED EASEMENT FOR SEWERMAIN 4 WIDE
(H) EXISTING RIGHT OF CARRIAGEWAY 15 WIDE
(J) PROPOSED RIGHT OF CARRIAGEWAY 15 WIDE

1
D.P.377679

No.	Type	Level	FFL	No.	Type	Level	FFL	No.	Type	Level	FFL
1	A	GROUND	5.95	18	E	GROUND	7.85	35	C	GROUND	13.75
		1ST	8.95			1ST	10.85			1ST	16.75
2	B	GROUND	5.7	19	D	GROUND	8	36	A	GROUND	14
		1ST	8.7			1ST	11			1ST	17
3	B	GROUND	5.1	20	C	GROUND	8.25	37	D	GROUND	14.5
		1ST	8.1			1ST	11.25			1ST	17.5
4	B	GROUND	4.75	21	A	GROUND	8.5	38	C	GROUND	14.85
		1ST	7.75			1ST	11.5			1ST	17.85
5	A	GROUND	4.75	22	D	GROUND	9	39	A	GROUND	14.65
		1ST	7.75			1ST	12			1ST	17.65
6	A	GROUND	4.9	23	C	GROUND	9.6	40	D	GROUND	15.65
		1ST	7.9			1ST	12.6			1ST	18.65
7	D	GROUND	5	24	A	GROUND	10.45	41	C	GROUND	16.1
		1ST	8			1ST	13.45			1ST	19.1
8	E	GROUND	5.1	25	C	GROUND	10.7	42	D	GROUND	16.15
		1ST	8.1			1ST	13.7			1ST	19.15
9	C	GROUND	5.25	26	E	GROUND	10.8	43	C	GROUND	16.35
		1ST	8.25			1ST	13.8			1ST	19.35
10	B	GROUND	5.5	27	D	GROUND	11	44	E	GROUND	16.6
		1ST	8.5			1ST	14			1ST	19.6
11	C	GROUND	6.1	28	C	GROUND	11.25	45	D	GROUND	17
		1ST	9.1			1ST	14.25			1ST	20
12	A	GROUND	7	29	A	GROUND	11.75	46	C	GROUND	17.25
		1ST	10			1ST	14.75			1ST	20.25
13	D	GROUND	9.1	30	D	GROUND	12.25	47	D	GROUND	17.75
		1ST	12.1			1ST	15.25			1ST	20.75
14	C	GROUND	9	31	A	GROUND	12.25				
		1ST	12			1ST	15.25			Bowling Green	3.15
15	D	GROUND	8.5	32	D	GROUND	13.2			Community Centre	6.15
		1ST	11.5			1ST	16.2			Pool	3.15
16	A	GROUND	7.6	33	C	GROUND	13.4			Hardstand	8.4
		1ST	10.6			1ST	16.4				
17	C	GROUND	7.7	34	D	GROUND	13.5				
		1ST	10.7			1ST	16.5				

PRELIMINARY ISSUE
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CLIENT

EMPOWERED LIVING
SUPPORT SERVICES.

PROPERTY DESCRIPTION

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135a MARMONG ST,
MARMONG POINT

SURVEYED

ADWJ

DATUM

A.H.D.

PROJECT

MARMONG AGED CARE FACILITY

PLAN TITLE

SITE PLAN

PROJECT No.

238111

DISCIPLINE

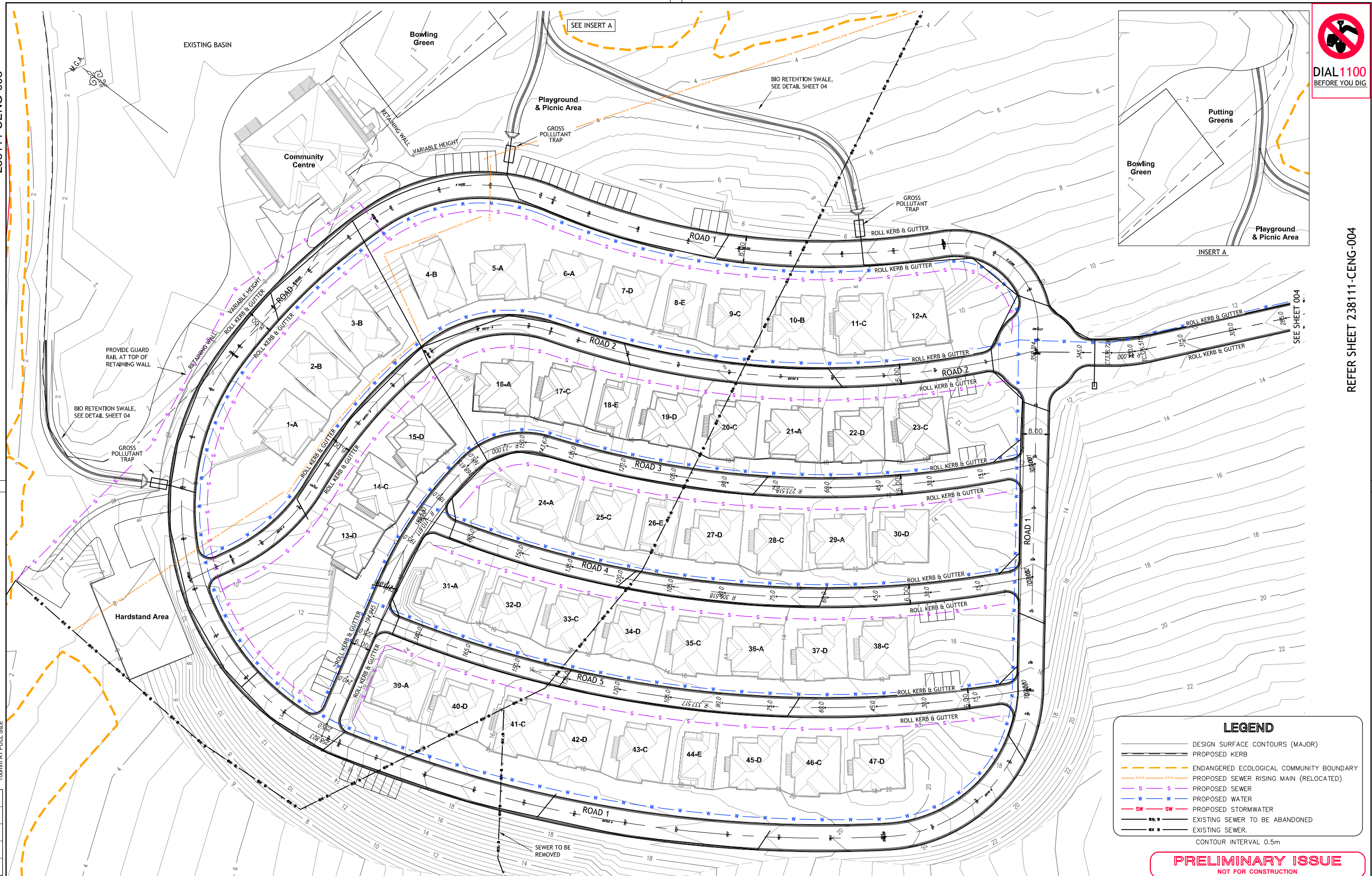
CENG

NUMBER

002

REV.

F



REV.	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY
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SCALES
0 10 20 A1 / A3 1:500 / 1:1000



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PROPERTY DESCRIPTION
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135a MARMONG ST,
MARMONG POINT**

PROJECT	PLAN TITLE	PROJECT No.	DISCIPLINE	NUMBER	REV.
MARMONG AGED CARE FACILITY	DETAIL PLAN SHEET No.1	238111	CENG	003	F



ROCK LINED INVERT
(SANDSTONE SPORLINGS) MIN.
150mm IMBEDDED TO A
MINIMUM DEPTH 125mm FOR
FULL LENGTH OF SWALE

PROVIDE SANDSTONE ROCK
SPORLINGS FOR WIDTH
750mm UP SWALE BATTER

350mm SWALE DEPTH TO
BASE OF SANDSTONE
SPORLINGS

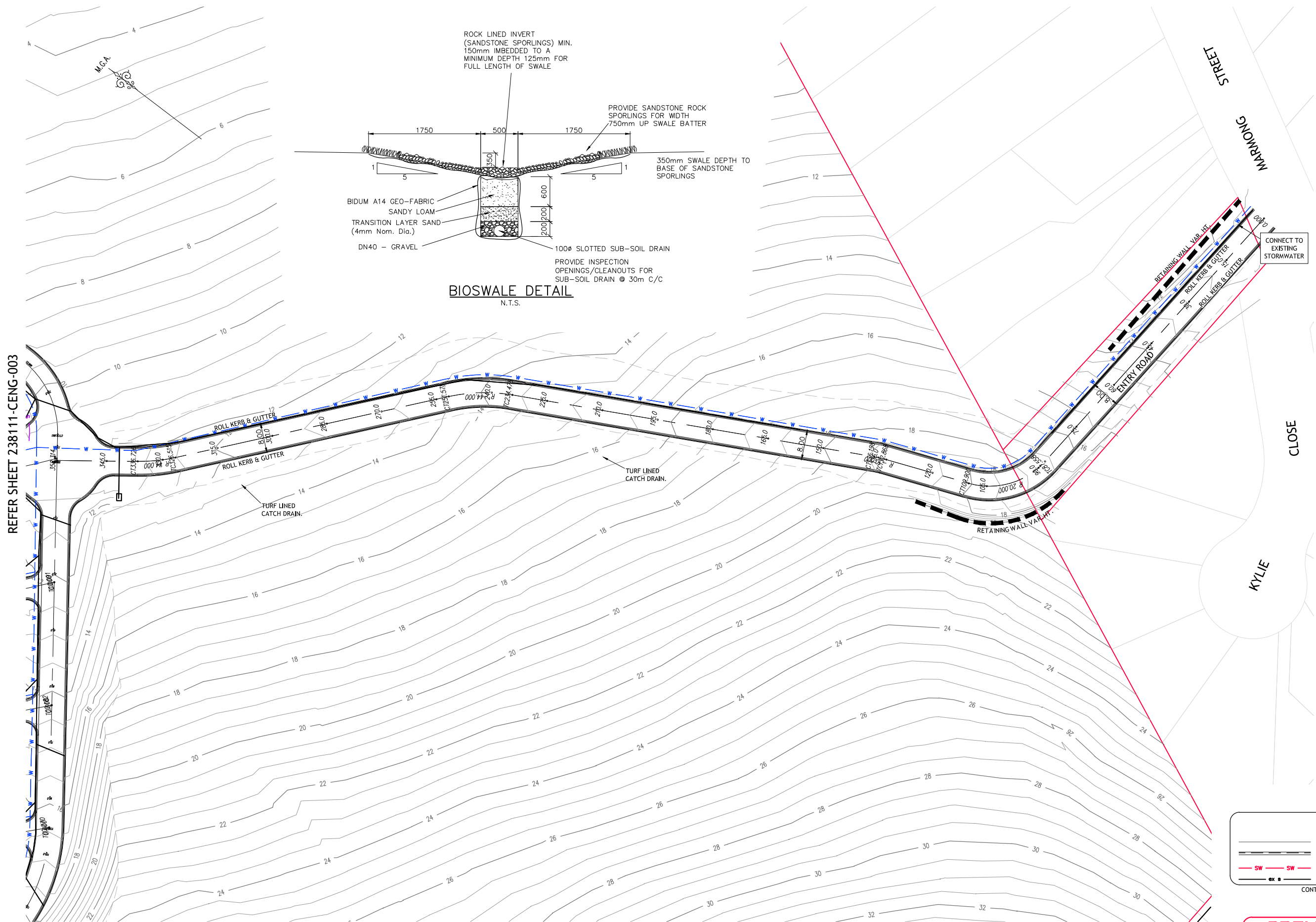
BIDUM A14 GEO-FABRIC
SANDY LOAM
TRANSITION LAYER SAND
(4mm Nom. Dia.)
DN40 - GRAVEL

100Ø SLOTTED SUB-SOIL DRAIN

PROVIDE INSPECTION
OPENINGS/CLEANOUTS FOR
SUB-SOIL DRAIN @ 30m C/C

BIOSWALE DETAIL

N.T.S.



LEGEND

- DESIGN SURFACE CONTOURS (MAJOR)
- PROPOSED KERB
- PROPOSED STORMWATER
- EXISTING SEWER
- CONTOUR INTERVAL 0.5m

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MARMONG POINT

SURVEYED

ADWJ

DATUM

A.H.D.

PROJECT

MARMONG AGED CARE FACILITY

PLAN TITLE

DETAIL PLAN
SHEET No.2

PROJECT No.

238111

DISCIPLINE

CENG

NUMBER

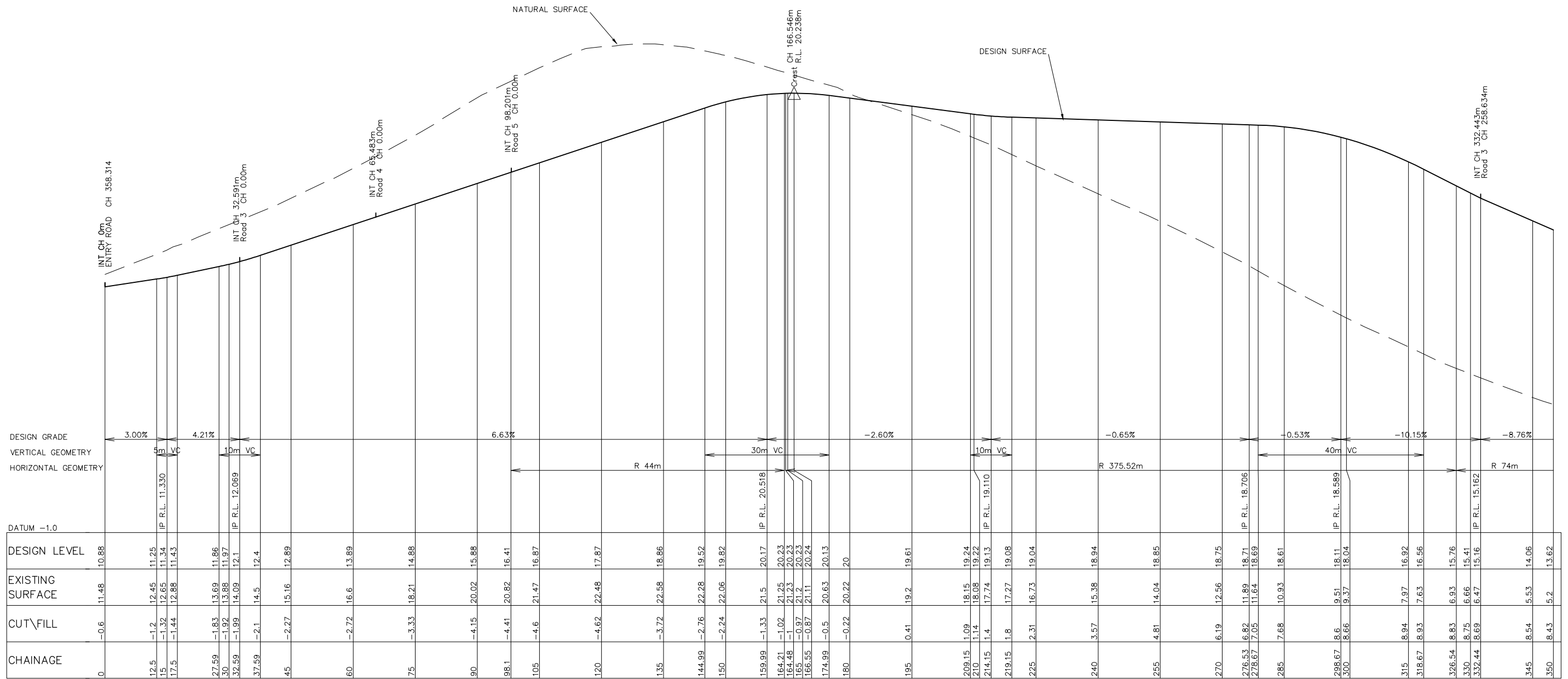
004

REV.

F





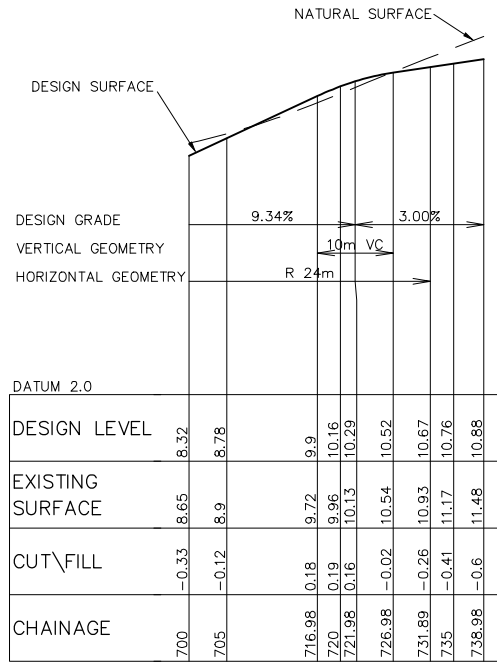
PROJECT No.	DISCIPLINE	NUMBER	REV
238111 -	CENG -	005	F



LONGITUDINAL SECTION Road 1

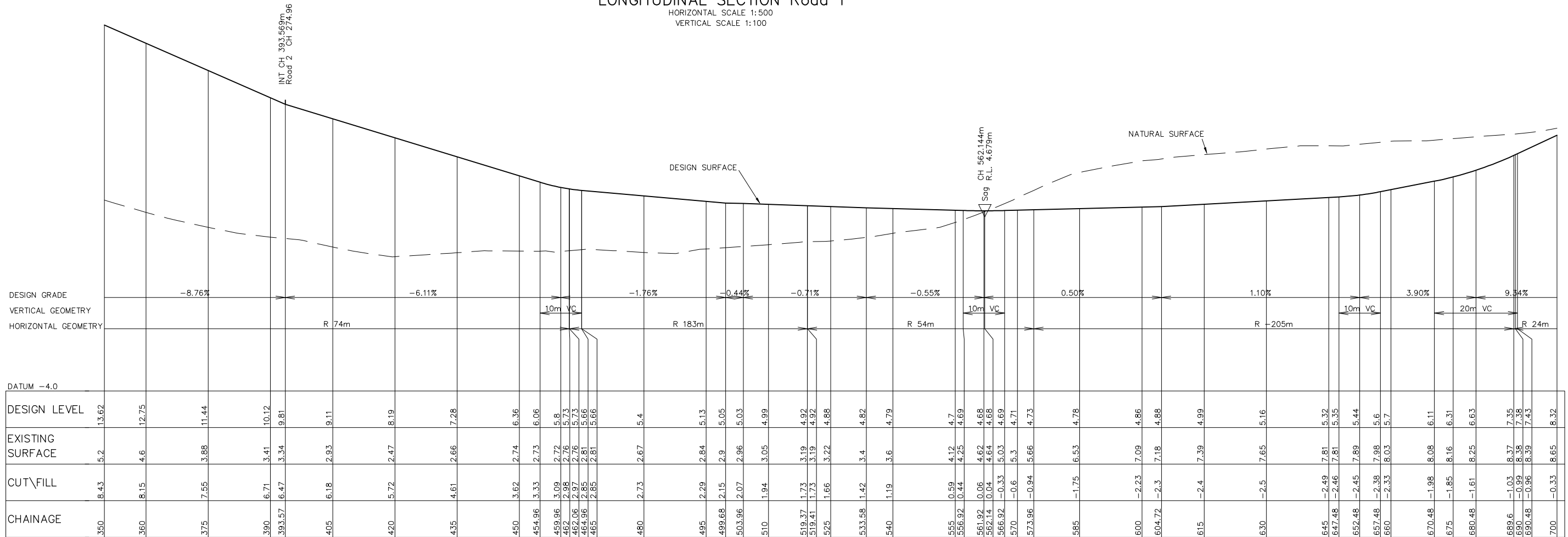
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REV.	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY	SCALES	 Central Coast 2 Bounty Close, P.O. Box 3717, Tuggerah N.S.W. 2259 Phone: (02) 4305 4300 Fax: (02) 4305 4399 email: coast@adwjohnson.com.au www.adwjohnson.com.au ABN 62 129 445 398	CLIENT EMPOWERED LIVING SUPPORT SERVICES.	PROPERTY DESCRIPTION PROPOSED SUBDIVISION OF LOT1 D.P. 377679 & LOT 784 D.P. 533494, 135a MARMONG ST, MARMONG POINT	PROJECT MARMONG AGED CARE FACILITY							
							PLAN TITLE ROAD LONGITUDINAL SECTION ROAD No.1 SHEET 1 OF 2											
							SURVEYED ADWJ				DATUM A.H.D.		PROJECT No. 238111 -	DISCIPLINE CENG -	NUMBER 006	REV. F		
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ALL DIMENSIONS ARE IN METRES. DO NOT SCALE																		



LONGITUDINAL SECTION Road 1

HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100

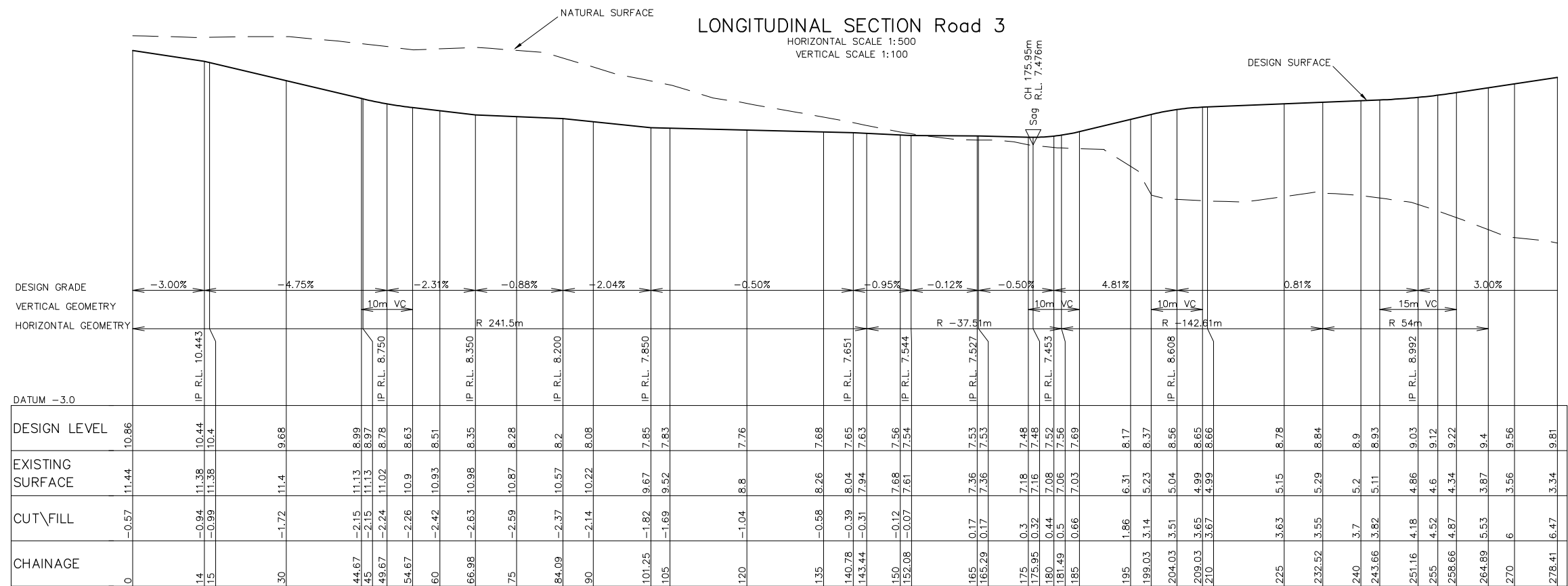
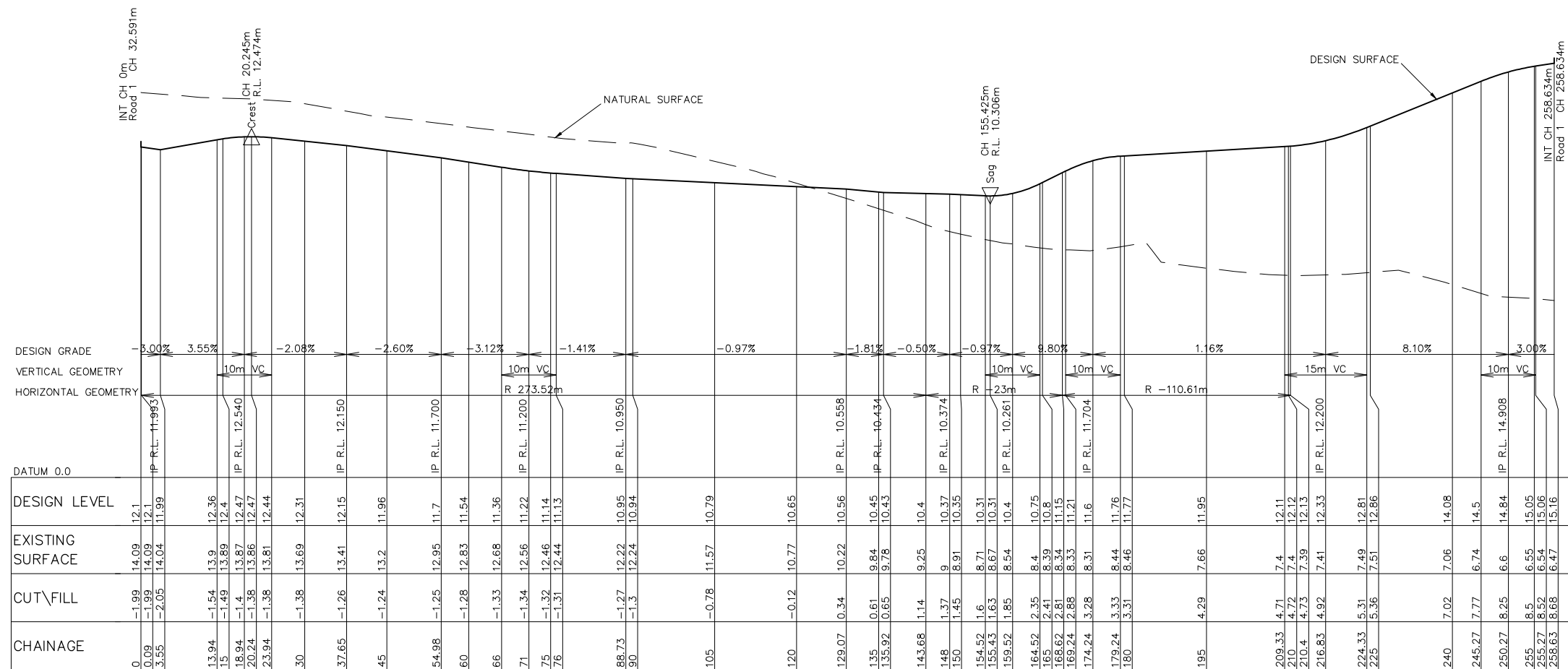


LONGITUDINAL SECTION Road 1

HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

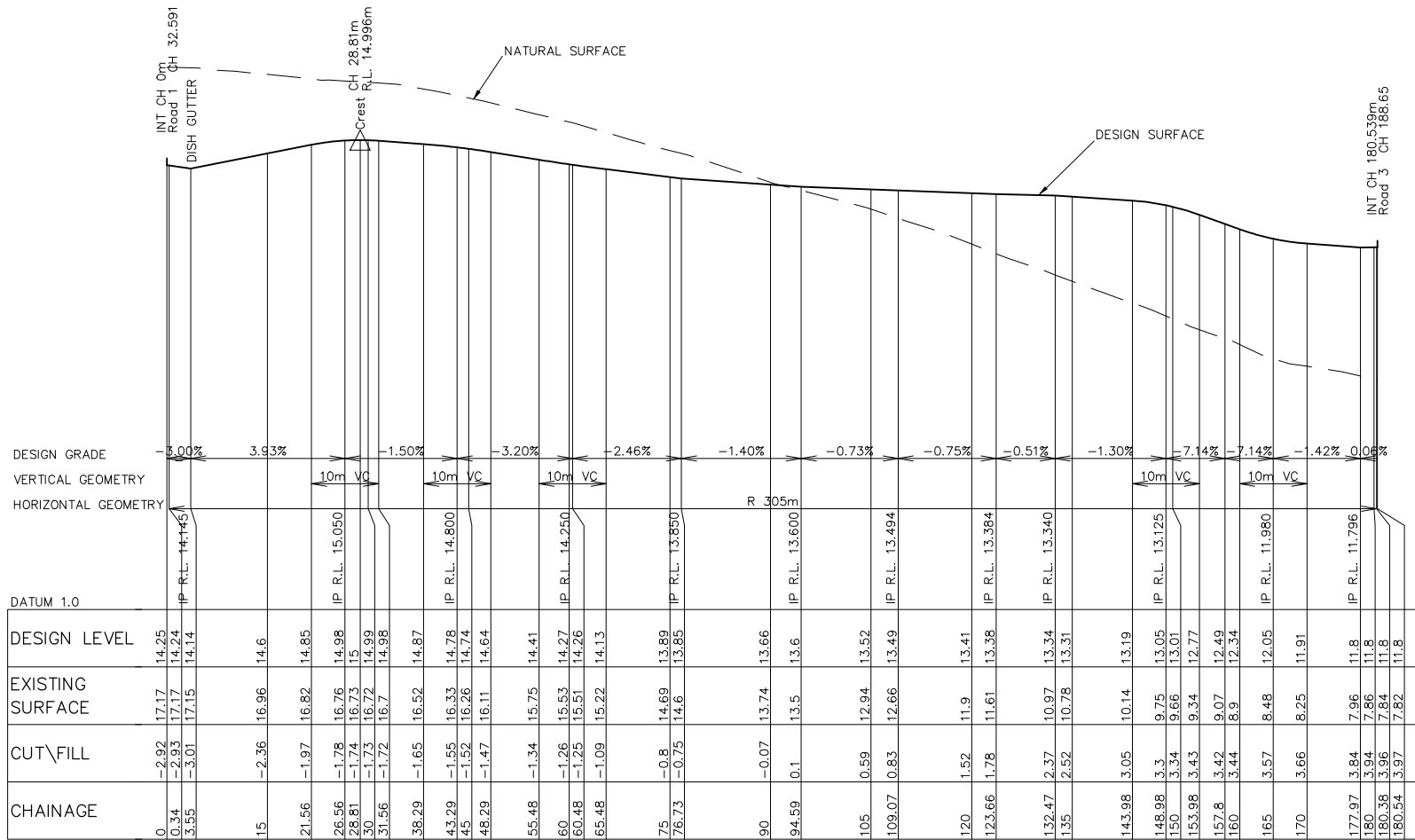
REV.	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY	<div>SCALES</div> <div><div><div>01020</div><div>A1 / A3</div><div>1:500 / 1:1000</div></div><div><div>01234</div><div>A1 / A3</div><div>1:100 / 1:200</div></div></div> <div><div><div>adw</div><div>Johnson</div></div><div><div>Central Coast</div><div>2 Bounty Close,</div><div>P.O. Box 3717,</div><div>Tuggerah N.S.W. 2259</div><div>Phone: (02) 4305 4300</div><div>Fax: (02) 4305 4399</div><div>email: coast@adwjohnson.com.au</div><div>www.adwjohnson.com.au</div><div>ABN 62 129 445 398</div></div></div> <div><div>CLIENT</div><div>EMPOWERED LIVING</div><div>SUPPORT SERVICES.</div></div> <div><div>PROPERTY DESCRIPTION</div><div>PROPOSED SUBDIVISION OF</div><div>LOT1 D.P. 377679 & LOT 784 D.P. 533494,</div><div>135a MARMONG ST,</div><div>MARMONG POINT</div></div> <div><div>PROJECT</div><div>MARMONG AGED CARE FACILITY</div></div> <div><div>PLAN TITLE</div><div>ROAD LONGITUDINAL SECTION</div><div>ROAD No.1</div><div>SHEET 2 OF 2</div></div> <div><div><div>SURVEYED</div><div>ADWJ</div></div><div><div>DATUM</div><div>A.H.D.</div></div><div><div>PROJECT No.</div><div>238111</div></div><div><div>DISCIPLINE</div><div>CENG</div></div><div><div>NUMBER</div><div>007</div></div><div><div>REV.</div><div>F</div></div></div> <tr><td>A</td><td>05/10/2011</td><td>Issued for Approval</td><td>L.W.</td><td>L.G.</td><td>L.W.</td><td>L.G.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>B</td><td>15/12/2011</td><td>Amend Layout as Per Clients Instructions</td><td>L.W.</td><td>L.G.</td><td>L.W.</td><td>L.G.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>C</td><td>29/02/2012</td><td>Amend Layout as Per Clients Instructions</td><td>L.W.</td><td>L.G.</td><td>L.W.</td><td>L.G.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>D</td><td>26/04/2012</td><td>Amend Building & Stormwater Layout</td><td>C.O.</td><td>L.M.</td><td>L.M.</td><td>L.G.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>E</td><td>22/05/2012</td><td>Amended Basin</td><td>R.C.</td><td>L.M.</td><td>L.M.</td><td>L.G.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td>F</td><td>26/10/2012</td><td>Client Instruction & Amend Soil & Water Management Plans</td><td>Z.J.</td><td>J.W.</td><td>J.W.</td><td>L.G.</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td colspan="7">ALL DIMENSIONS ARE IN METRES. DO NOT SCALE</td><td colspan="14"></td></tr>	A	05/10/2011	Issued for Approval	L.W.	L.G.	L.W.	L.G.															B	15/12/2011	Amend Layout as Per Clients Instructions	L.W.	L.G.	L.W.	L.G.															C	29/02/2012	Amend Layout as Per Clients Instructions	L.W.	L.G.	L.W.	L.G.															D	26/04/2012	Amend Building & Stormwater Layout	C.O.	L.M.	L.M.	L.G.															E	22/05/2012	Amended Basin	R.C.	L.M.	L.M.	L.G.															F	26/10/2012	Client Instruction & Amend Soil & Water Management Plans	Z.J.	J.W.	J.W.	L.G.															ALL DIMENSIONS ARE IN METRES. DO NOT SCALE																				
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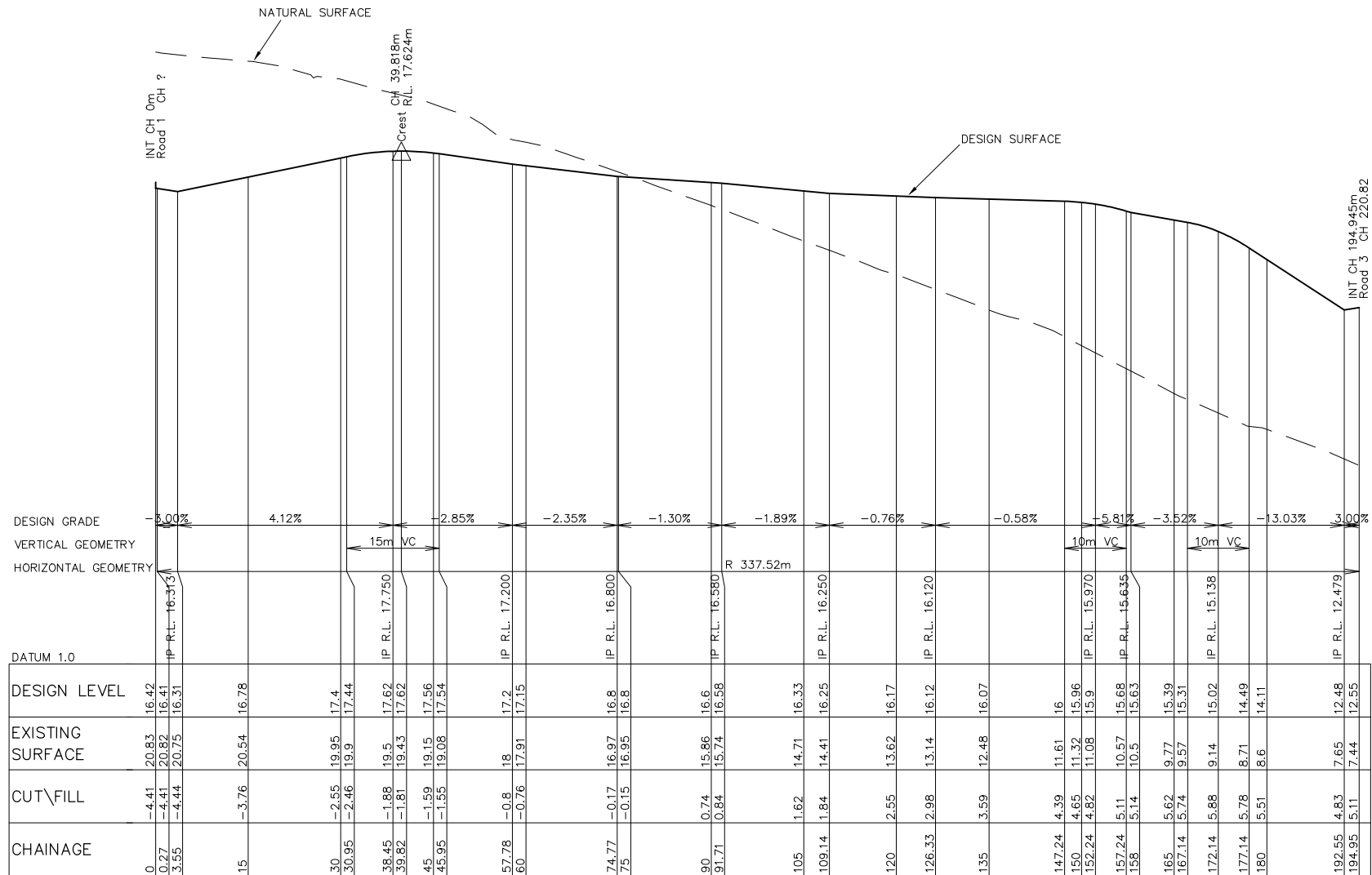
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LONGITUDINAL SECTION Road 4
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

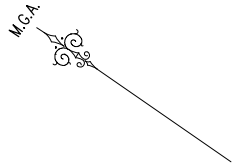
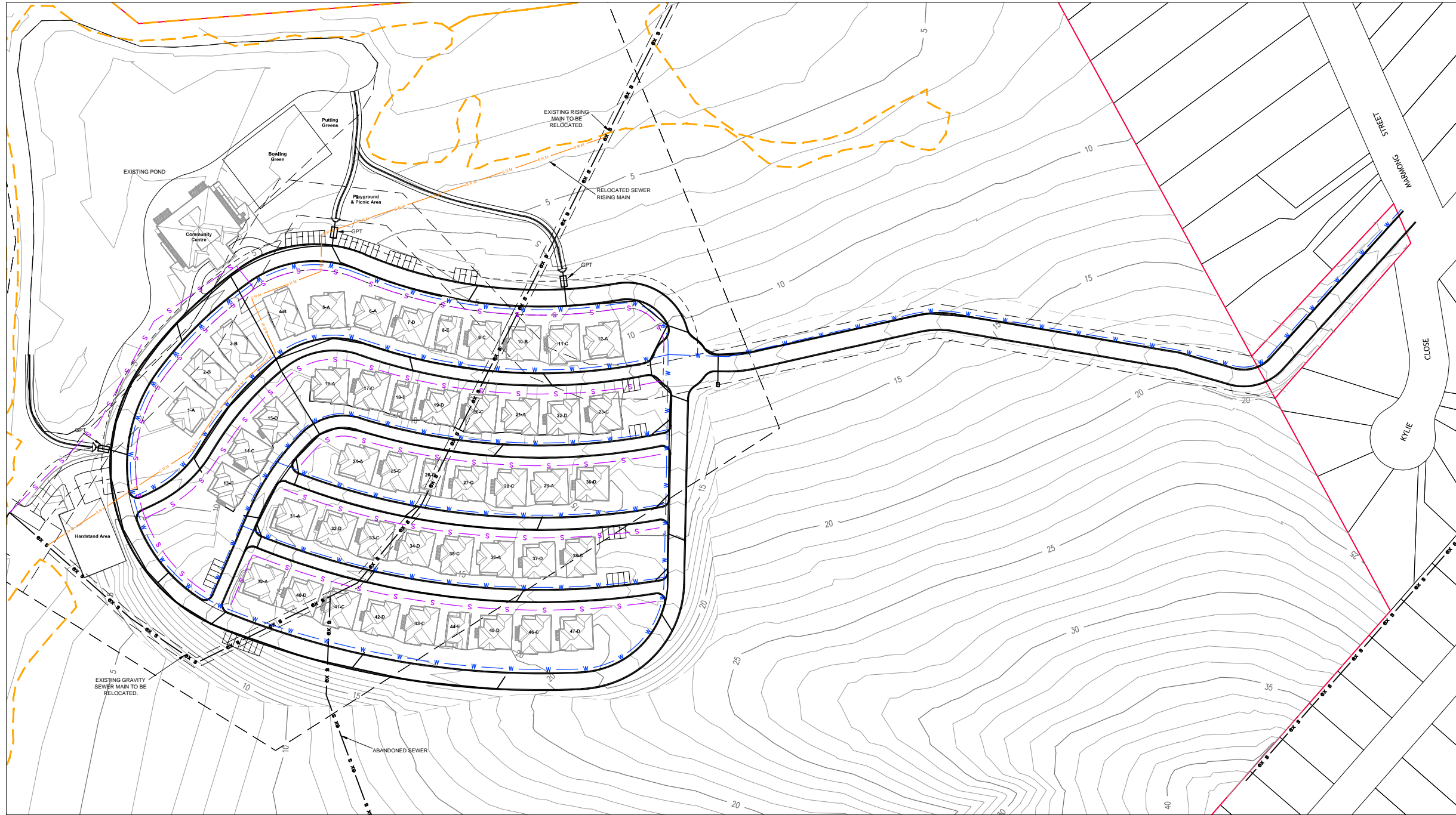
REV.	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY	SCALES		Central Coast 2 Bounty Close, P.O. Box 3717, Tuggerah N.S.W. 2259 Phone: (02) 4305 4300 Fax: (02) 4305 4399 email: coast@adwjohnson.com.au www.adwjohnson.com.au ABN 62 129 445 398	CLIENT EMPOWERED LIVING SUPPORT SERVICES.	PROPERTY DESCRIPTION PROPOSED SUBDIVISION OF LOT1 D.P. 377679 & LOT 784 D.P. 533494, 135a MARMONG ST, MARMONG POINT	PROJECT					
							HORIZ. 					VERT. 	PLAN TITLE	PROJECT No.	DISCIPLINE	NUMBER	REV.
A	05/10/2011	Issued for Approval	L.W.	L.G.	L.W.	L.G.						MARMONG AGED CARE FACILITY	ROAD LONGITUDINAL SECTION ROAD No.4	238111	- CENG	- 009	F
B	15/12/2011	Amend Layout as Per Clients Instructions	L.W.	L.G.	L.W.	L.G.											
C	29/02/2012	Amend Layout as Per Clients Instructions	L.W.	L.G.	L.W.	L.G.											
D	26/04/2012	Amend Building & Stormwater Layout	C.O.	L.M.	L.M.	L.G.											
E	22/05/2012	Amended Basin	R.C.	L.M.	L.M.	L.G.											
F	26/10/2012	Client Instruction & Amend Soil & Water Management Plans	Z.J.	J.W.	J.W.	L.G.											
ALL DIMENSIONS ARE IN METRES. DO NOT SCALE																	



LONGITUDINAL SECTION Road 5
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:100

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REV.	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY	SCALES		Central Coast 2 Bounty Close, P.O. Box 3717, Tuggerah N.S.W. 2259 Phone: (02) 4305 4300 Fax: (02) 4305 4399 email: coast@adwjohnson.com.au www.adwjohnson.com.au ABN 62 129 445 398	CLIENT EMPOWERED LIVING SUPPORT SERVICES.	PROPERTY DESCRIPTION PROPOSED SUBDIVISION OF LOT1 D.P. 377679 & LOT 784 D.P. 533494, 135a MARMONG ST, MARMONG POINT	CLIENT			
							PROJECT								
A	05/10/2011	Issued for Approval	L.W.	L.G.	L.W.	L.G.						MARMONG AGED CARE FACILITY			
B	15/12/2011	Amend Layout as Per Clients Instructions	L.W.	L.G.	L.W.	L.G.						PLAN TITLE			
C	29/02/2012	Amend Layout as Per Clients Instructions	L.W.	L.G.	L.W.	L.G.						ROAD LONGITUDINAL SECTION			
D	26/04/2012	Amend Building & Stormwater Layout	C.O.	L.M.	L.M.	L.G.						ROAD No.5			
E	22/05/2012	Amended Basin	R.C.	L.M.	L.M.	L.G.									
F	26/10/2012	Client Instruction & Amend Soil & Water Management Plans	Z.J.	J.W.	J.W.	L.G.									
ALL DIMENSIONS ARE IN METRES. DO NOT SCALE															



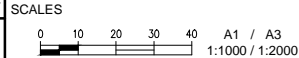
SERVICES PLAN
SCALE 1:1000

LEGEND

- SW — SW — PROPOSED STORMWATER
- S — S — PROPOSED SEWER
- W — W — PROPOSED WATER
- — — PROPOSED KERB
- ex S — EXISTING SEWER
- SRM — PROPOSED SEWER RISING MAIN
- — — ENDANGERED ECOLOGICAL COMMUNITY BOUNDARY

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REV.	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY
A	05/10/2011	Issued for Approval	L.W.	L.G.	L.W.	L.G.
B	15/12/2011	Amend Layout as Per Clients Instructions	L.W.	L.G.	L.W.	L.G.
C	29/02/2012	Amend Layout as Per Clients Instructions	L.W.	L.G.	L.W.	L.G.
D	26/04/2012	Amend Building & Stormwater Layout	C.O.	L.M.	L.M.	L.G.
E	22/05/2012	Amended Basin	R.C.	L.M.	L.M.	L.G.
F	26/10/2012	Client Instruction & Amend Soil & Water Management Plans	Z.J.	J.W.	J.W.	L.G.



Central Coast
2 Bounty Close,
P.O. Box 3717,
Tuggerah N.S.W. 2259
Phone: (02) 4305 4300
Fax: (02) 4305 4399
email: coast@adwjohnson.com.au
www.adwjohnson.com.au
ABN 62 129 445 398

CLIENT
**EMPOWERED LIVING
SUPPORT SERVICES.**

PROPERTY DESCRIPTION
**PROPOSED SUBDIVISION OF
LOT1 D.P. 377679 & LOT 784 D.P. 533494,
135a MARMONG ST,
MARMONG POINT**

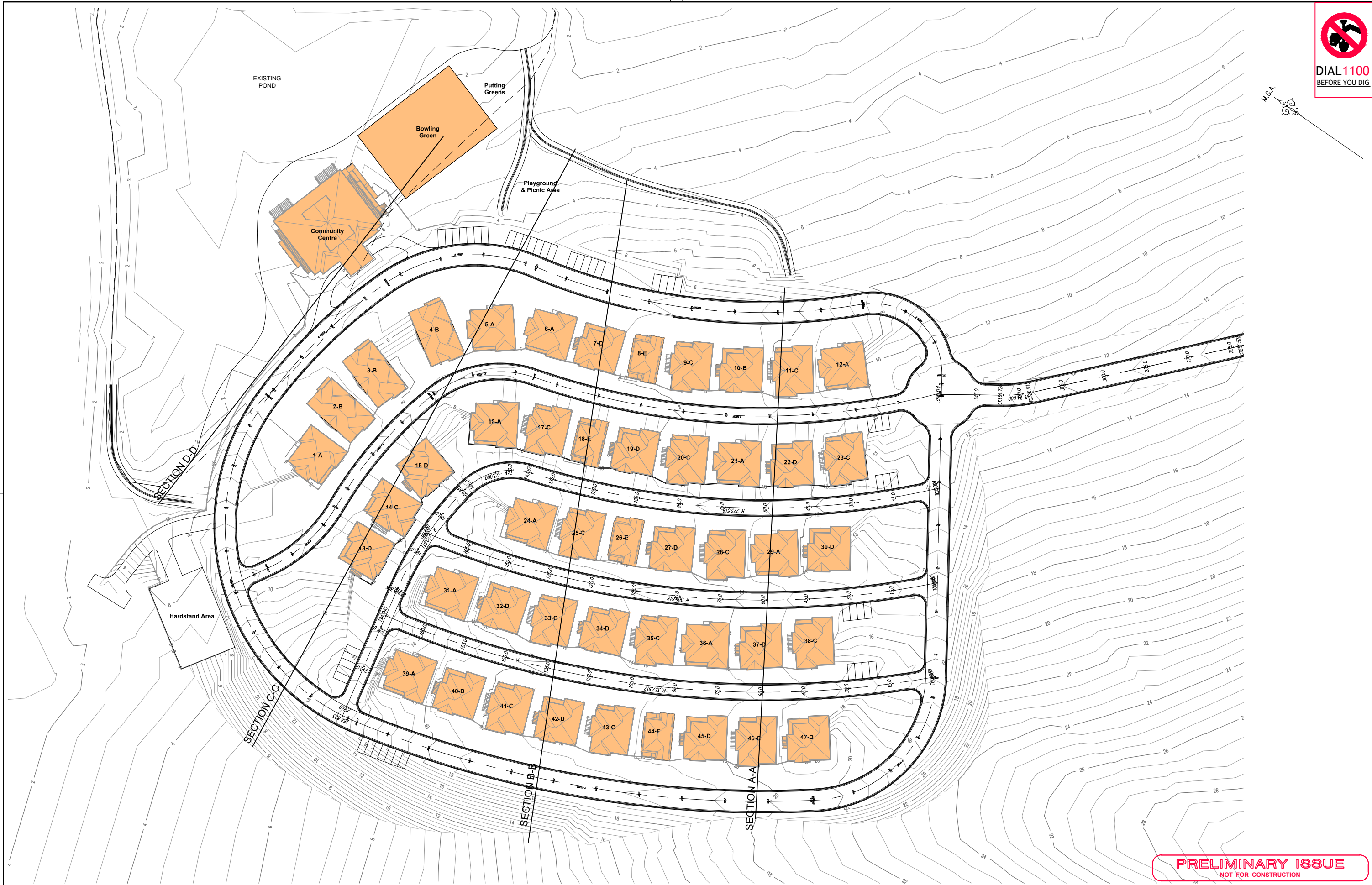
SURVEYED
ADWJ

DATUM
A.H.D.

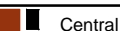
PROJECT
MARMONG AGED CARE FACILITY

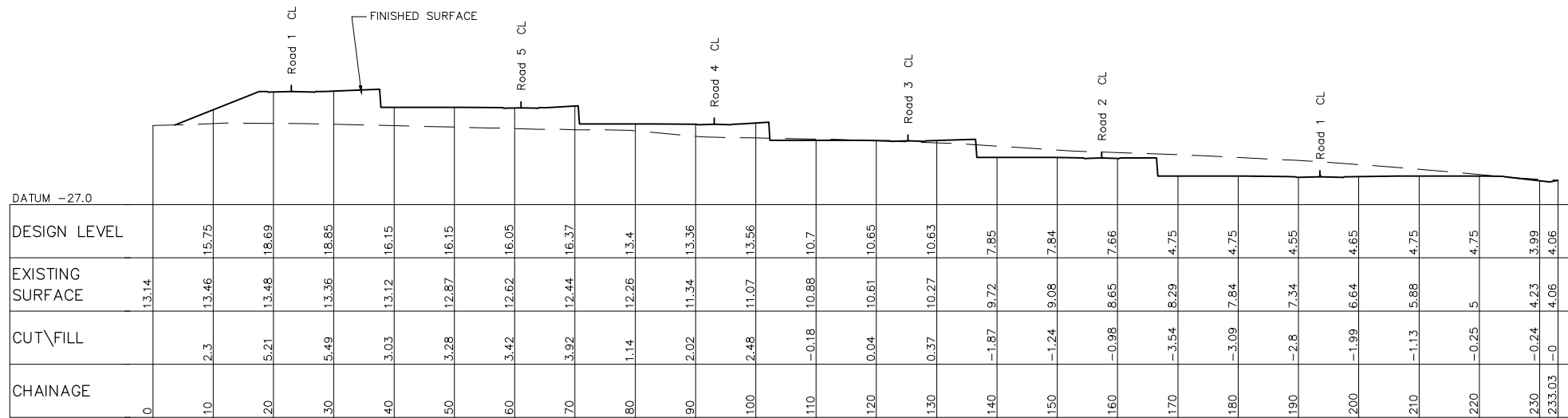
PLAN TITLE
INDICATIVE SERVICING PLAN

PROJECT No.	DISCIPLINE	NUMBER	REV.
238111	CENG	012	F

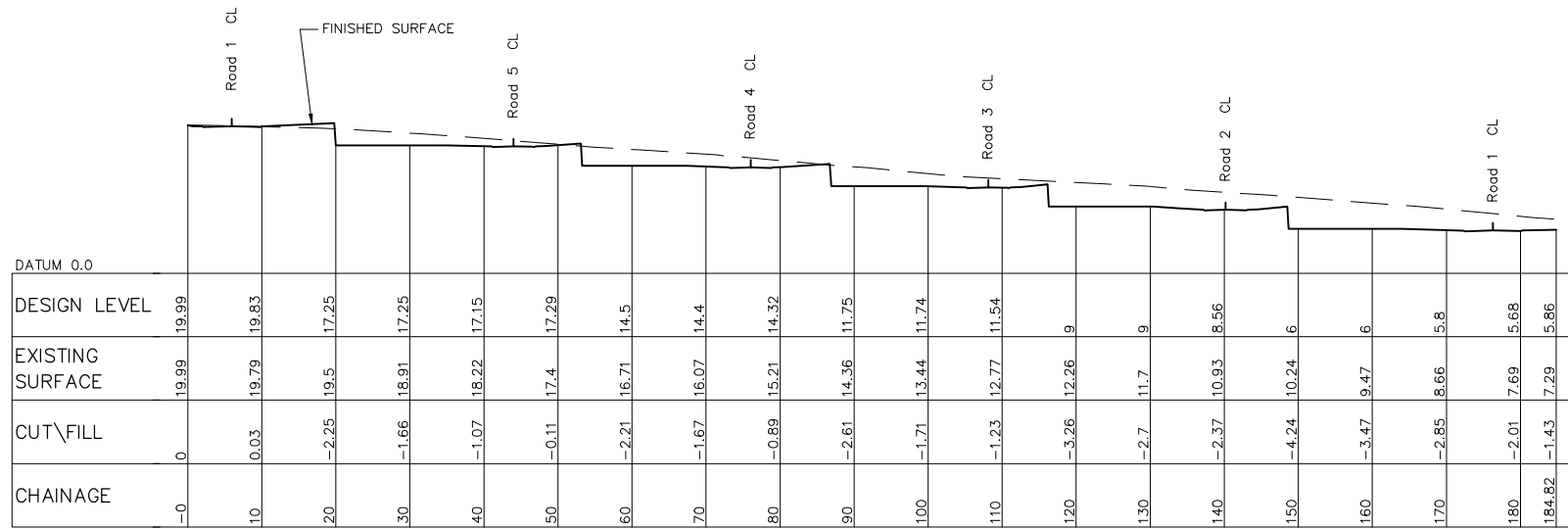


PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REV.	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY	SCALES	 Central Coast 2 Bounty Close, P.O. Box 3717, Tuggerah N.S.W. 2259 Phone: (02) 4305 4300 Fax: (02) 4305 4399 email: coast@adwjohnson.com.au www.adwjohnson.com.au ABN 62 129 445 398	CLIENT	PROPERTY DESCRIPTION		PROJECT MARMONG AGED CARE FACILITY			
A	05/10/2011	Issued for Approval	L.W.	L.G.	L.W.	L.G.	EMPOWERED LIVING SUPPORT SERVICES.		PROPOSED SUBDIVISION OF LOT1 D.P. 377679 & LOT 784 D.P. 533494, 135a MARMONG ST, MARMONG POINT	PLAN TITLE EARTHWORKS PLAN					
B	15/12/2011	Amend Layout as Per Clients Instructions	L.W.	L.G.	L.W.	L.G.				SURVEYED ADWJ	DATUM A.H.D.	PROJECT No. 238111	DISCIPLINE - CENG	NUMBER - 013	REV. F
C	29/02/2012	Amend Layout as Per Clients Instructions	L.W.	L.G.	L.W.	L.G.									
D	26/04/2012	Amend Building & Stormwater Layout	C.O.	L.M.	L.M.	L.G.									
E	22/05/2012	Amended Basin	R.C.	L.M.	L.M.	L.G.									
F	26/10/2012	Client Instruction & Amend Soil & Water Management Plans	Z.J.	J.W.	J.W.	L.G.									
ALL DIMENSIONS ARE IN METRES. DO NOT SCALE															



LONGITUDINAL SECTION Sect BB
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:500



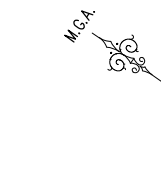
LONGITUDINAL SECTION Sect AA
HORIZONTAL SCALE 1:500
VERTICAL SCALE 1:500

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REV.	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY			Central Coast 2 Bounty Close, P.O. Box 3717, Tuggerah N.S.W. 2259 Phone: (02) 4305 4300 Fax: (02) 4305 4399 email: coast@adwjohnson.com.au www.adwjohnson.com.au ABN 62 129 445 398	CLIENT EMPOWERED LIVING SUPPORT SERVICES.	PROPERTY DESCRIPTION PROPOSED SUBDIVISION OF LOT1 D.P. 377679 & LOT 784 D.P. 533494, 135a MARMONG ST, MARMONG POINT	PROJECT MARMONG AGED CARE FACILITY				
		PLAN TITLE		SITE SECTIONS SHEET 1 OF 2		PROJECT No. 238111						DISCIPLINE CENG	NUMBER 014	REV. F		
A	05/10/2011	Issued for Approval	L.W.	L.G.	L.W.	L.G.										
B	15/12/2011	Amend Layout as Per Clients Instructions	L.W.	L.G.	L.W.	L.G.										
C	29/02/2012	Amend Layout as Per Clients Instructions	L.W.	L.G.	L.W.	L.G.										
D	26/04/2012	Amend Building & Stormwater Layout	C.O.	L.M.	L.M.	L.G.										
E	22/05/2012	Amended Basin	R.C.	L.M.	L.M.	L.G.										
F	26/10/2012	Client Instruction & Amend Soil & Water Management Plans	Z.J.	J.W.	J.W.	L.G.										
ALL DIMENSIONS ARE IN METRES. DO NOT SCALE																



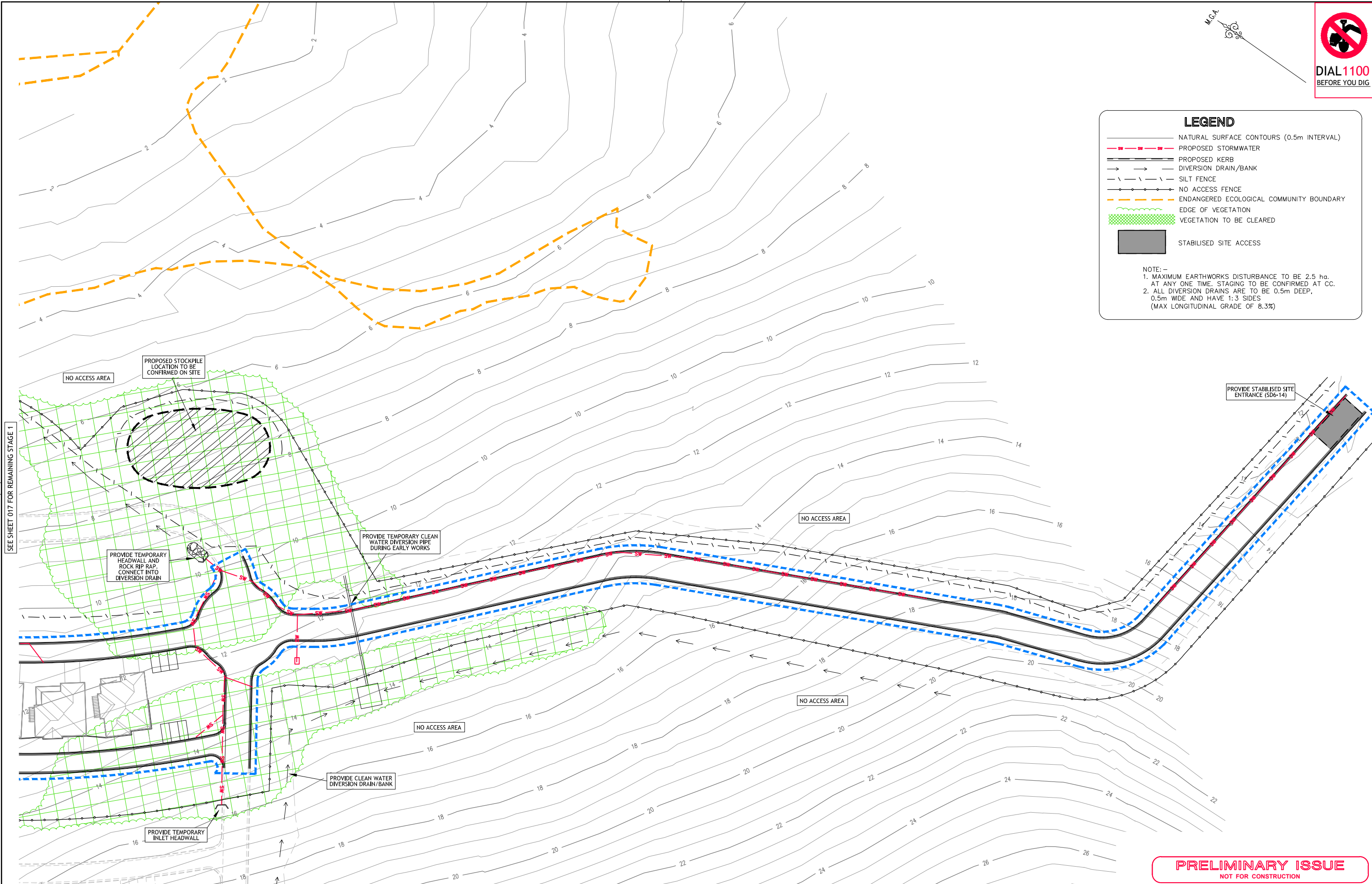
Plotted By: clintono Plot Date: 30/10/12 - 16:04 Cad File: N:\238111\Dwg\ENG\Concept Eng\238111-CENG-015.dwg



LEGEND

- NATURAL SURFACE CONTOURS (0.5m INTERVAL)
- PROPOSED STORMWATER
- PROPOSED KERB
- DIVERSION DRAIN/BANK
- SILT FENCE
- NO ACCESS FENCE
- ENDANGERED ECOLOGICAL COMMUNITY BOUNDARY
- EDGE OF VEGETATION
- VEGETATION TO BE CLEARED
- STABILISED SITE ACCESS

NOTE: -
1. MAXIMUM EARTHWORKS DISTURBANCE TO BE 2.5 ha.
AT ANY ONE TIME. STAGING TO BE CONFIRMED AT CC.
2. ALL DIVERSION DRAINS ARE TO BE 0.5m DEEP,
0.5m WIDE AND HAVE 1:3 SIDES
(MAX LONGITUDINAL GRADE OF 8.3%)



PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REV.	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY	SCALES	CLIENT	PROPERTY DESCRIPTION	PROJECT
A	05/10/2011	Issued for Approval	L.W.	L.G.	L.W.	L.G.	0 10 20 A1 / A3	Central Coast	PROPOSED SUBDIVISION OF	MARMONG AGED CARE FACILITY
B	15/12/2011	Amend Layout as Per Clients Instructions	L.W.	L.G.	L.W.	L.G.	1:500 / 1:1000	2 Bounty Close,	LOT1 D.P. 377679 & LOT 784 D.P. 533494,	PLAN TITLE
C	29/02/2012	Amend Building & Stormwater Layout	L.W.	L.G.	L.W.	L.G.		P.O. Box 3717,	135a MARMONG ST,	SOIL AND WATER MANAGEMENT PLAN
D	26/04/2012	Amended Basin	C.O.	L.M.	L.M.	L.G.		Tuggerah N.S.W. 2259	MARMONG POINT	STAGE 1 SHEET 1 OF 2
E	22/05/2012	Client Instruction & Amend Soil & Water Management Plans	R.C.	L.M.	L.M.	L.G.		Phone: (02) 4305 4300		
F	26/10/2012		Z.J.	J.W.	J.W.	L.G.		Fax: (02) 4305 4399		
								email: coast@adwjohnson.com.au		
								www.adwjohnson.com.au		
								ABN 62 129 445 398		

ALL DIMENSIONS ARE IN METRES. DO NOT SCALE

Plotted By: clintono Plot Date: 30/10/12 - 16:04 Cad File: N:\238111\Eng\Concept Eng\238111-CENG-016.dwg

adw Johnson

CLIENT

EMPOWERED LIVING SUPPORT SERVICES.

SURVEYED

ADWJ

DATUM

A.H.D.

PROJECT No.

238111

DISCIPLINE

CENG

NUMBER

016

REV.

F



LEGEND

- NOTE: -
1. MAXIMUM EARTHWORKS DISTURBANCE TO BE 2.5 ha. AT ANY ONE TIME. STAGING TO BE CONFIRMED AT CC.
 2. ALL DIVERSION DRAINS ARE TO BE 0.5m DEEP, 0.5m WIDE AND HAVE 1:3 SIDES (MAX LONGITUDINAL GRADE OF 8.3%)

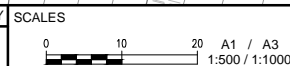
SEE SHEET 04/ FOR REMAINING STAGE 4

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REV.	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY
A	05/10/2011	Issued for Approval	L.W.	L.G.	L.W.	L.G.
B	15/12/2011	Amend Layout as Per Clients Instructions	L.W.	L.G.	L.W.	L.G.
C	29/02/2012	Amend Layout as Per Clients Instructions	L.W.	L.G.	L.W.	L.G.
D	26/04/2012	Amend Building & Stormwater Layout	C.O.	L.M.	L.M.	L.G.
E	22/05/2012	Amended Basin	R.C.	L.M.	L.M.	L.G.
F	26/10/2012	Client Instruction & Amend Soil & Water Management Plans	Z.J.	J.W.	J.W.	L.G.

ALL DIMENSIONS ARE IN METRES. DO NOT SCALE

Plotted By: clintono Plot Date: 30/10/12 - 16:05 Cad File: N:\238111\Dwg\ENG\Concept Eng\238111-CENG-017.dwg



Central Coast
2 Bounty Close,
P.O. Box 3717,
Tuggerah N.S.W. 2259
Phone: (02) 4305 4300
Fax: (02) 4305 4399
email: coast@adwjohnson.com.au
www.adwjohnson.com.au
ABN 62 129 445 398

CLIENT

EMPOWERED LIVING
SUPPORT SERVICES.

PROPERTY DESCRIPTION

PROPOSED SUBDIVISION OF
LOT1 D.P. 377679 & LOT 784 D.P. 533494,
135a MARMONG ST,
MARMONG POINT

	SURVEYED
--	----------

ADW 1

	DATUM
--	-------

AND

	PROJECT
--	---------

MARMONG AGED CARE FACILITY

PLAN TITLE

SOIL AND WATER MANAGEMENT PLAN
STAGE 1
SHEET 2 OF 2

	PROJECT No.
--	-------------

DISCIPLINE

NUMBER

REV



NATURAL SURFACE CONTOURS (0.5m INTERVAL)
 PROPOSED STORMWATER
 EXISTING STORMWATER
 PROPOSED KERB
 DIVERSION DRAIN/BANK
 SILT FENCE
 NO ACCESS FENCE
 ENDANGERED ECOLOGICAL COMMUNITY BOUNDARY
 EDGE OF VEGETATION
 VEGETATION TO BE CLEARED
 STABILISED SITE ACCESS

NOTE: -

1. MAXIMUM EARTHWORKS DISTURBANCE TO BE 2.5 ha. AT ANY ONE TIME. STAGING TO BE CONFIRMED AT CC.
2. ALL DIVERSION DRAINS ARE TO BE 0.5m DEEP, 0.5m WIDE AND HAVE 1:3 SIDES (MAX LONGITUDINAL GRADE OF 8.3%)

PROVIDE TEMPORARY CLEAN
WATER DIVERSION PIPE
DURING EARLY WORKS

NO ACCESS AREA

CLEAN WATER DIVERSION
DRAIN/BANK TO REMAIN

PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REV.	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY
A	05/10/2011	Issued for Approval	L.W.	L.G.	L.W.	L.G.
B	15/12/2011	Amend Layout as Per Clients Instructions	L.W.	L.G.	L.W.	L.G.
C	29/02/2012	Amend Layout as Per Clients Instructions	L.W.	L.G.	L.W.	L.G.
D	26/04/2012	Amend Building & Stormwater Layout	C.O.	L.M.	L.M.	L.G.
E	22/05/2012	Amended Basin	R.C.	L.M.	L.M.	L.G.
F	26/10/2012	Client Instruction & Amend Soil & Water Management Plans	Z.J.	J.W.	J.W.	L.G.

ALL DIMENSIONS ARE IN METRES. DO NOT SCALE

Plot Date: 30/10/12 - 16:05

Cad File: N:\238111\Dwg\ENG\Concept Eng\238111-CENG-018.dwg



Central Coast
2 Bounty Close,
P.O. Box 3717,
Tuggerah N.S.W. 2259
Phone: (02) 4305 4300
Fax: (02) 4305 4399
email: coast@adwjohanson.com.au
www.adwjohanson.com.au
ABN 62 129 445 398

CLIENT

EMPOWERED LIVING
SUPPORT SERVICES.

PROPERTY DESCRIPTION	
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100	100.0000

PROPOSED SUBDIVISION OF
LOT1 D.P. 377679 & LOT 784 D.P. 533494,
135a MARMONG ST,
MARMONG POINT

	SURVEYED
--	----------

ADWJ

DATUM

A.H.D.

PROJECT

MARMONG AGED CARE FACILITY

PLAN TITLE

SOIL AND WATER MANAGEMENT PLAN STAGE 2

PROJECT No.	
-------------	--

238111

DISCIPLINE

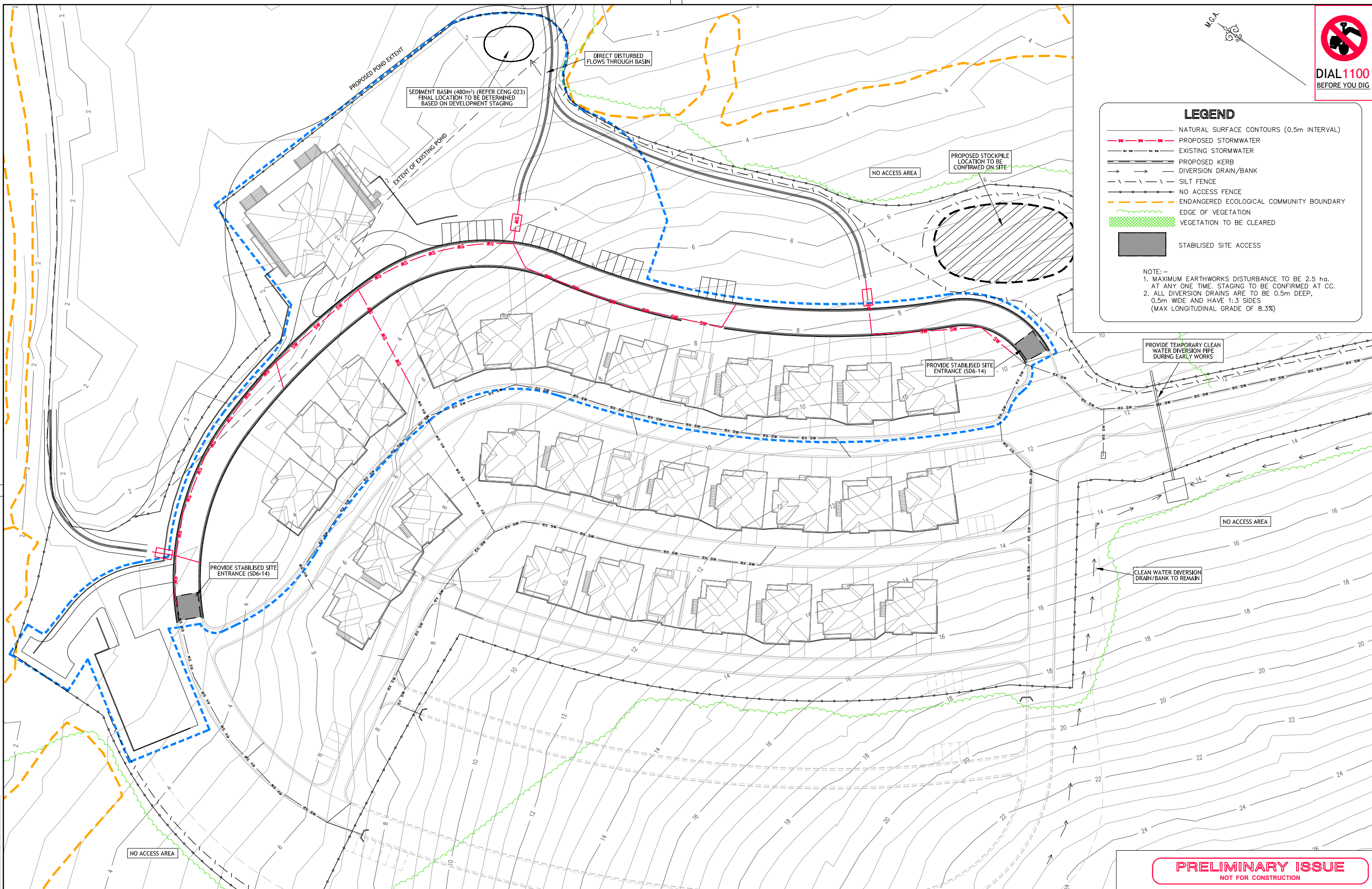
CENG

NUMBER

018

REV.

F



PRELIMINARY ISSUE
NOT FOR CONSTRUCTION

REV.	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY
A	05/10/2011	Issued for Approval	L.W.	L.G.	L.W.	L.G.
B	15/12/2011	Amend Layout as Per Clients Instructions	L.W.	L.G.	L.W.	L.G.
C	29/02/2012	Amend Layout as Per Clients Instructions	L.W.	L.G.	L.W.	L.G.
D	26/04/2012	Amend Building & Stormwater Layout	C.O.	L.M.	L.M.	L.G.
E	22/05/2012	Amended Basin	R.C.	L.M.	L.M.	L.G.
F	26/10/2012	Client Instruction & Amend Soil & Water Management Plans	Z.J.	J.W.	J.W.	L.G.

SCALES
0 10 20 A1 / A3
1:500 / 1:1000



Central Coast
2 Bounty Close,
P.O. Box 3717,
Tuggerah N.S.W. 2259
Phone: (02) 4305 4300
Fax: (02) 4305 4399
email: coast@adwjohnson.com.au
www.adwjohnson.com.au
ABN 62 129 445 398

CLIENT
**EMPOWERED LIVING
SUPPORT SERVICES.**

PROPERTY DESCRIPTION
**PROPOSED SUBDIVISION OF
LOT1 D.P. 377679 & LOT 784 D.P. 533494,
135a MARMONG ST,
MARMONG POINT**

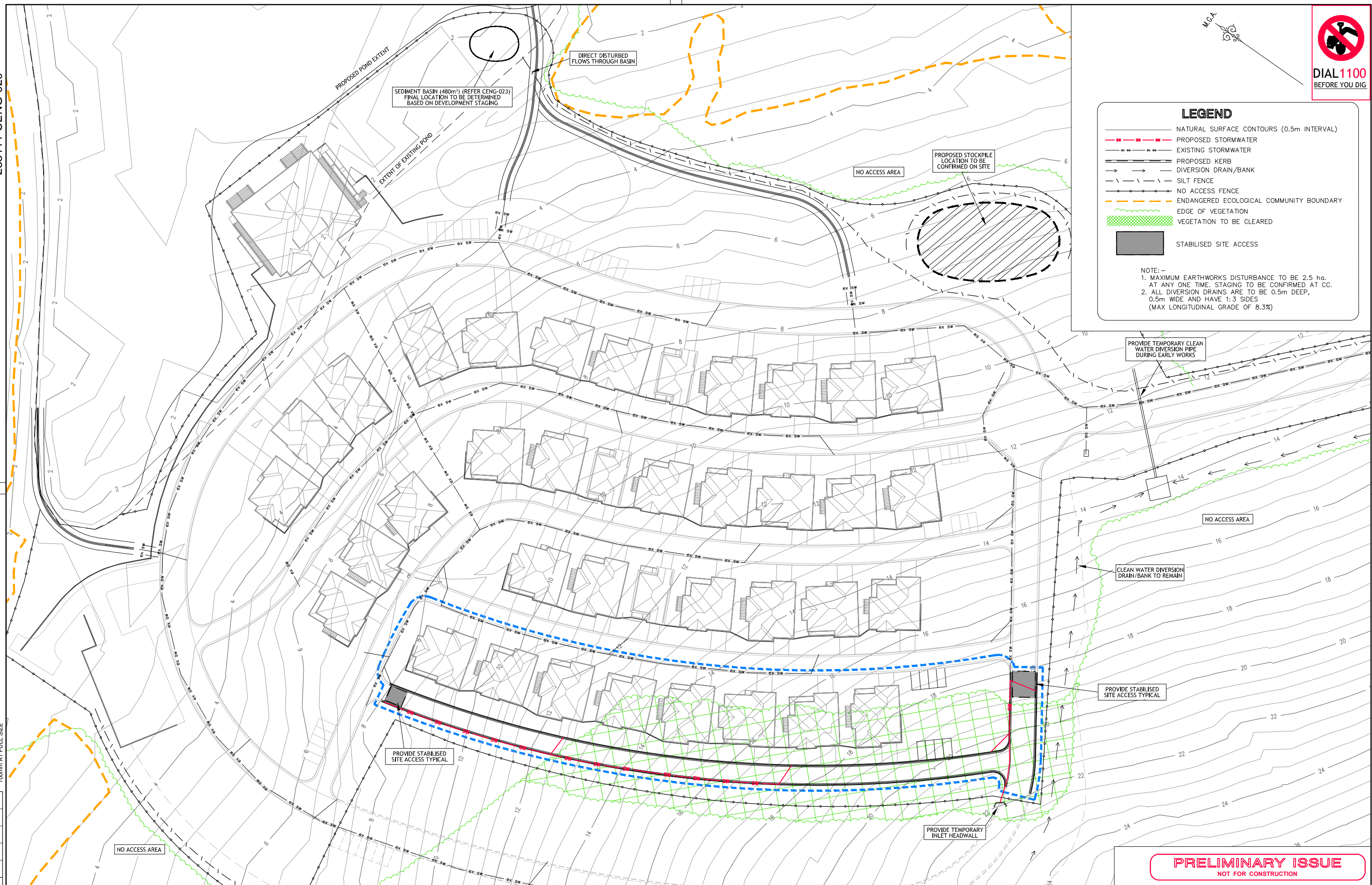
SURVEYED
ADWJ

DATUM
A.H.D.

PROJECT
MARMONG AGED CARE FACILITY

PLAN TITLE
**SOIL AND WATER MANAGEMENT PLAN
STAGE 3**

PROJECT No. **238111** - DISCIPLINE **CENG** - NUMBER **019** - REV. **F**



REV.	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY
A	05/10/2011	Issued for Approval	L.W.	L.G.	L.W.	L.G.
B	15/12/2011	Amend Layout as Per Clients Instructions	L.W.	L.G.	L.W.	L.G.
C	29/02/2012	Amend Layout as Per Clients Instructions	L.W.	L.G.	L.W.	L.G.
D	26/04/2012	Amend Building & Stormwater Layout	C.O.	L.M.	L.M.	L.G.
E	22/05/2012	Amended Basin	R.C.	L.M.	L.M.	L.G.
F	26/10/2012	Client Instruction & Amend Soil & Water Management Plans	Z.J.	J.W.	J.W.	L.G.

SCALES
0 10 20 A1 / A3 1:500 / 1:1000

adw
Johnson

Central Coast
2 Bounty Close,
P.O. Box 3717,
Tuggerah N.S.W. 2259
Phone: (02) 4305 4300
Fax: (02) 4305 4399
email: coast@adwjohnson.com.au
www.adwjohnson.com.au
ABN 62 129 445 398

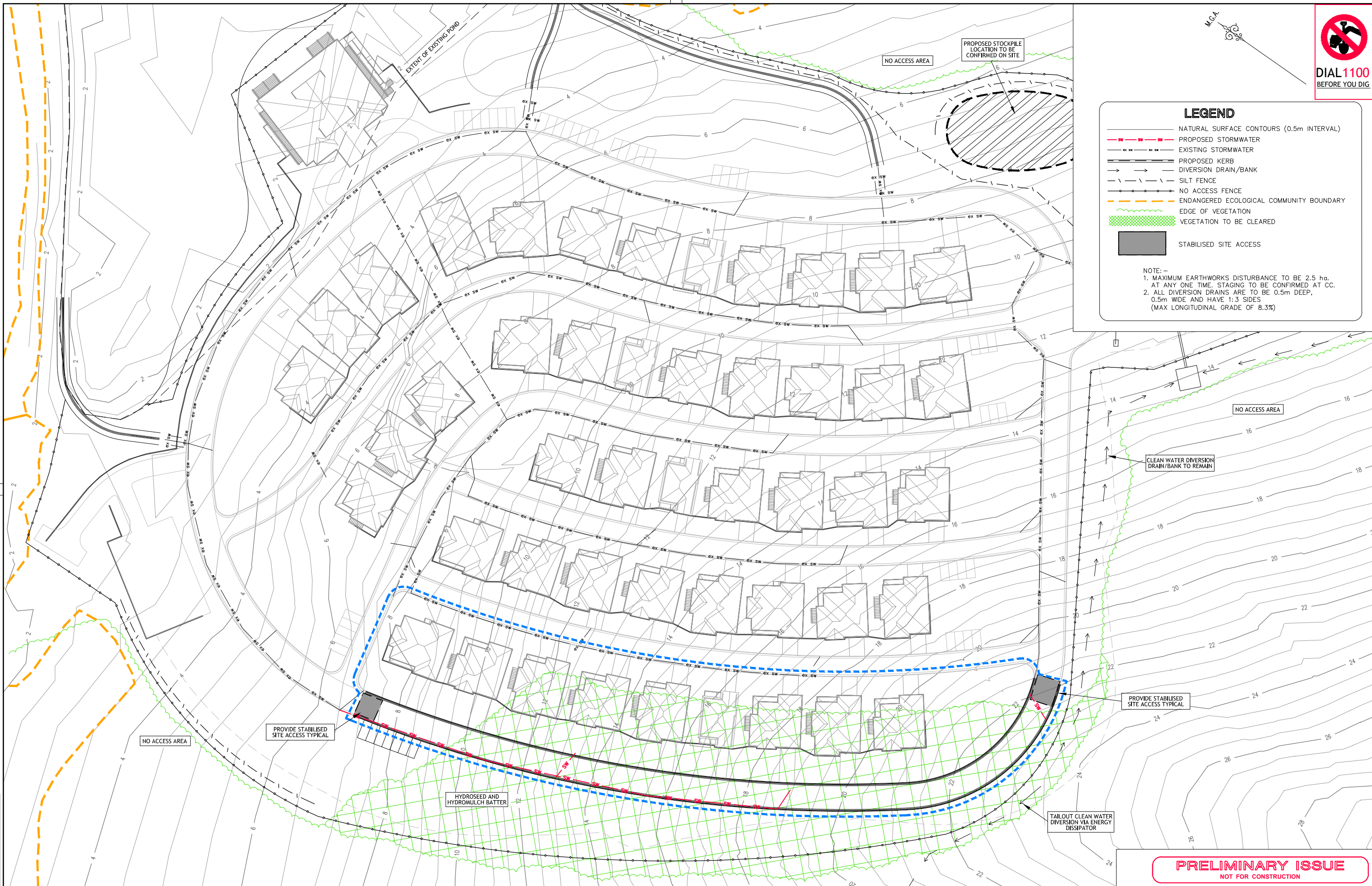
CLIENT
EMPOWERED LIVING SUPPORT SERVICES.

PROPERTY DESCRIPTION	
PROPOSED SUBDIVISION OF LOT1 D.P. 377679 & LOT 784 D.P. 533494, 135a MARMONG ST, MARMONG POINT	
SURVEYED	DATUM

PROJECT	PLAN TITLE
MARMONG AGED CARE FACILITY	SOIL AND WATER MANAGEMENT PLAN STAGE 4
PROJECT No. 238111	DISCIPLINE CENG
NUMBER 020	REV. F

238111-CENG-021

100mm AT FULL SIZE

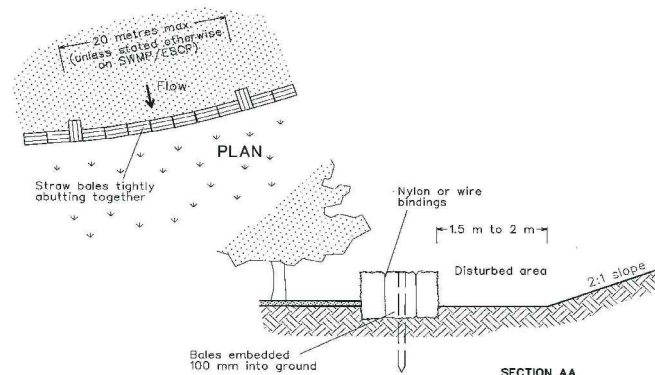
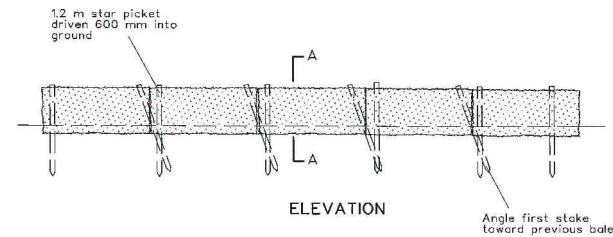
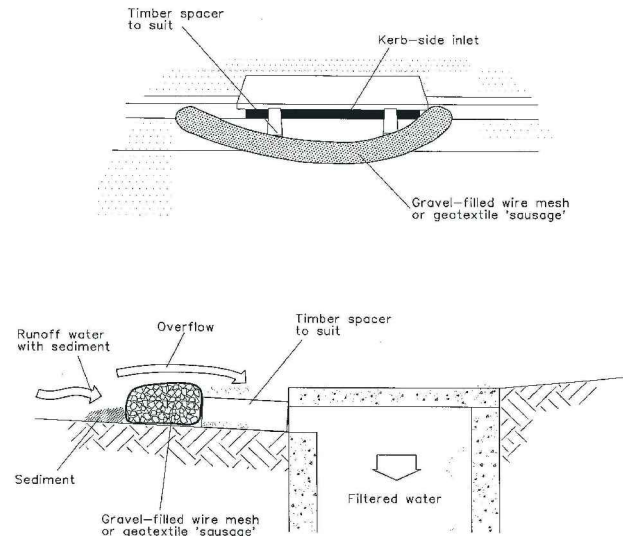
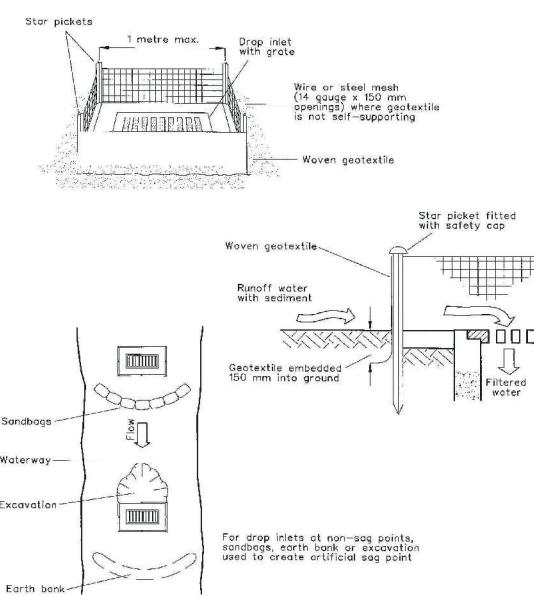
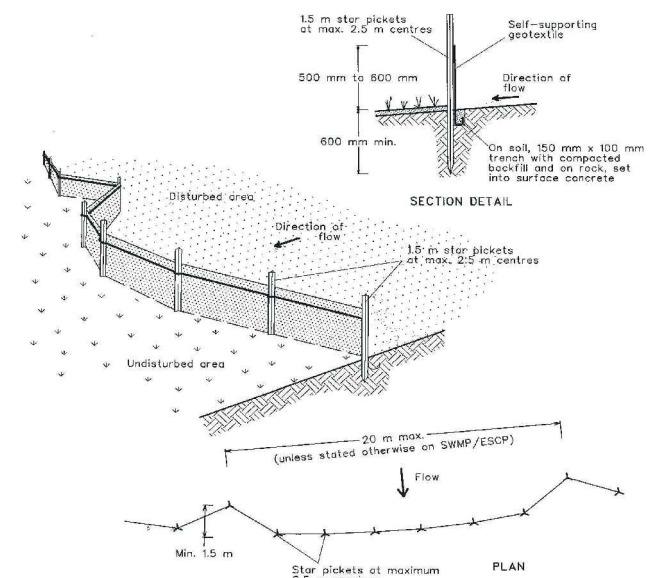
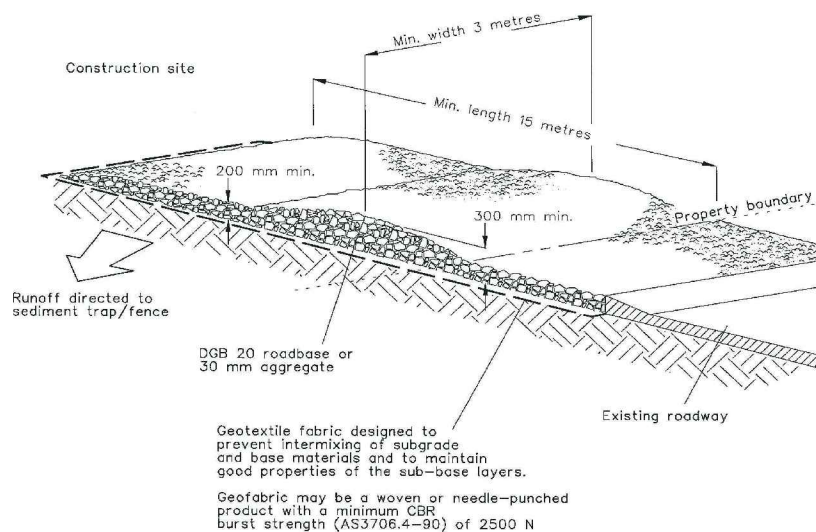
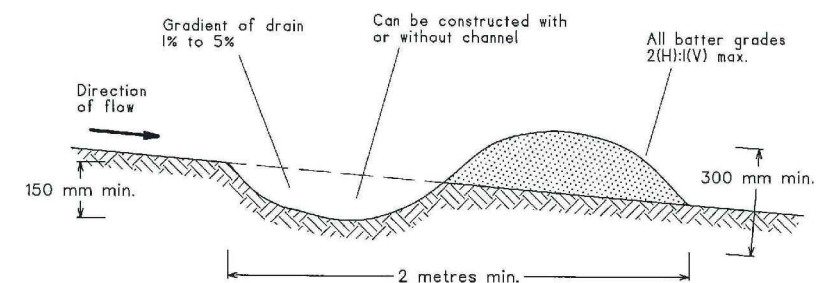


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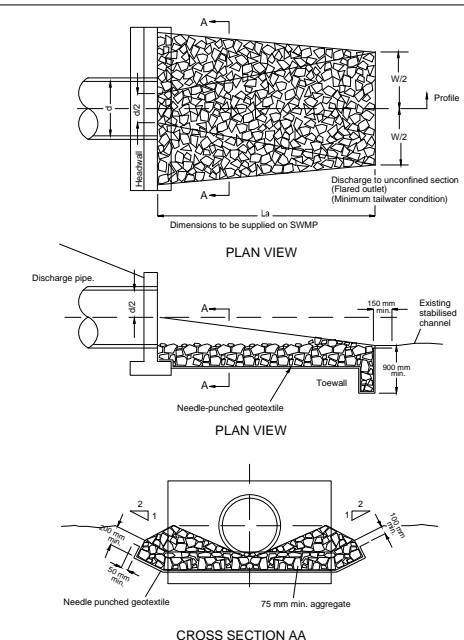
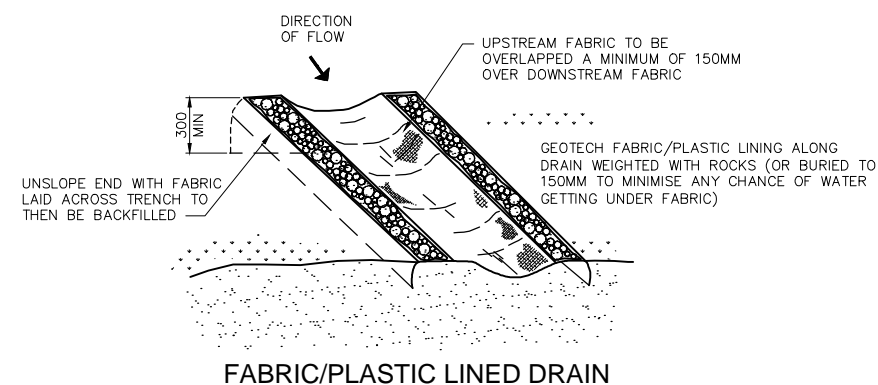
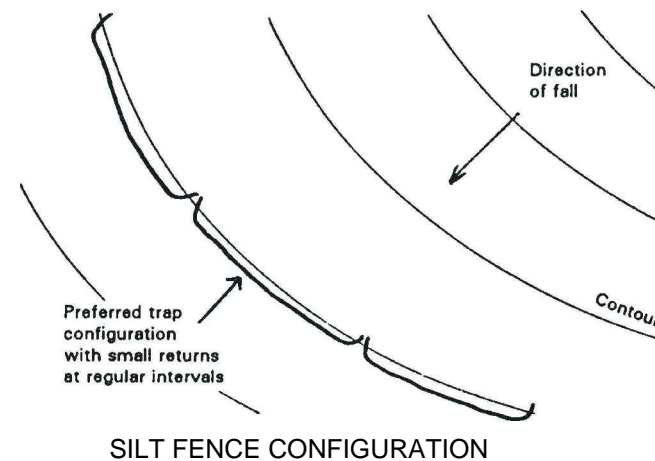
REV.	DATE	AMENDMENT	DRAWN	CHECK	DESIGN	VERIFY	SCALES	CLIENT	PROPERTY DESCRIPTION	PROJECT
A	05/10/2011	Issued for Approval	L.W.	L.G.	L.W.	L.G.	0 10 20 A1 / A3	Central Coast	PROPOSED SUBDIVISION OF	MARMONG AGED CARE FACILITY
B	15/12/2011	Amend Layout as Per Clients Instructions	L.W.	L.G.	L.W.	L.G.	1:500 / 1:1000	2 Bounty Close,	LOT1 D.P. 377679 & LOT 784 D.P. 533494,	PLAN TITLE
C	29/02/2012	Amend Layout as Per Clients Instructions	L.W.	L.G.	L.W.	L.G.		P.O. Box 3717,	135a MARMONG ST,	SOIL AND WATER MANAGEMENT PLAN
D	26/04/2012	Amend Building & Stormwater Layout	C.O.	L.M.	L.W.	L.G.		Tuggerah N.S.W. 2259	MARMONG POINT	STAGE 5
E	22/05/2012	Amended Basin	R.C.	L.M.	L.M.	L.G.		Phone: (02) 4305 4300		
F	26/10/2012	Client Instruction & Amend Soil & Water Management Plans	Z.J.	J.W.	J.W.	L.G.		Fax: (02) 4305 4399		
								email: coast@adwjohnson.com.au		
								www.adwjohnson.com.au		
								ABN 62 129 445 398		

ADWJ	A.H.D.	238111	CENG	021	F
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Plotted By: clintono Plot Date: 30/10/12 - 16:05 Cad File: N:\238111\Eng\Concept Eng\238111-CENG-021.dwg

**HAYBALE & GEOTEXTILE FENCE: SD 6-7****PORTABLE GRAVEL KERB INLET
SEDIMENT TRAP: SD 6-11****GEOTEXTILE FILTER FABRIC DROP INLET
SEDIMENT TRAP: SD 6-12****SILT FENCE: SD 6-8****STABILISED SITE ACCESS: SD 6-14**

NOTE: Only to be used as temporary bank where maximum upslope length is 80 metres.

DIVERSION DRAIN: SD 5-5**Construction Notes**

1. Compact the subgrade fill to the density of the surrounding undisturbed material.
2. Prepare a smooth, even foundation for the structure that will ensure that the needle-punched geotextile does not sustain serious damage when covered with rock.
3. Should any minor damage to the geotextile occur, repair it before spreading any aggregate. For repairs, patch one piece of fabric over the damage, making sure that all joints and patches overlap more than 300 mm.
4. Lay rock following the drawing, according to Table 5.2 of Landcom (2004) and with a minimum diameter of 75 mm.
5. Ensure that any concrete or riprap used for the energy dissipater or the outlet protection conforms to the grading limits specified on the SWMP.

ENERGY DISSIPATER**SD 5-8**

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B	15/12/2011	Amend Layout as Per Clients Instructions	L.W.	L.G.	L.W.	L.G.	
C	29/02/2012	Amend Layout as Per Clients Instructions	L.W.	L.G.	L.W.	L.G.	
D	26/04/2012	Amend Building & Stormwater Layout	C.O.	L.M.	L.M.	L.G.	
E	22/05/2012	Amended Basin	R.C.	L.M.	L.M.	L.G.	
F	26/10/2012	Client Instruction & Amend Soil & Water Management Plans	Z.J.	J.W.	J.W.	L.G.	



Central Coast
2 Bounty Close,
P.O. Box 3717,
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email: coast@adwjohnson.com.au
www.adwjohnson.com.au
ABN 62 129 445 398

CLIENT

EMPOWERED LIVING
SUPPORT SERVICES.

PROPERTY DESCRIPTION

PROPOSED SUBDIVISION OF
LOT1 D.P. 377679 & LOT 784 D.P. 533494,
135a MARMONG ST,
MARMONG POINT

SURVEYED

ADWJ

DATUM

A.H.D.

PROJECT

MARMONG AGED CARE FACILITY

PLAN TITLE

SOIL AND WATER MANAGEMENT DETAILS
SHEET 1 OF 2

PROJECT No.

238111

DISCIPLINE

CENG

NUMBER

022

REV.

F



GENERAL

1. CONTRACTORS WILL ENSURE THAT ALL SOIL AND WATER MANAGEMENT WORKS ARE UNDERTAKEN AS INSTRUCTED IN THIS SPECIFICATION AND FOLLOWING THE GUIDELINES OUTLINED IN MANAGING URBAN STORMWATER: SOILS & CONSTRUCTION (LANDCOM, 2004).
2. ALL TOPSOIL IN REGRADING AREAS TO BE STOCKPILED ON SITE AS SHOWN.
3. STOCKPILES AREA TO BE FULLY FENCED WITH SEDIMENT FENCING AT ALL TIMES.
4. IMPORTED MATERIAL TO BE PLACED DIRECTLY INTO SITEREGRADING AREAS. IMPORTED MATERIAL IS NOT TO BE STOCKPILED.
5. STOCKPILES ARE TO BE REMOVED RE
6. AS SOON AS PRACTICABLE AND SITES REINSTATED AS SOON AS POSSIBLE.
7. ALL AREAS DISTURBED DURING CONSTRUCTION ARE TO BE RE-INSTATED AND SEEDED AS SOON AS PRACTICABLE.
8. ALL SITE REGRADING IS TO BE CARRIED OUT UNDER THE SUPERVISION OF A QUALIFIED GEOTECHNICAL ENGINEER.
9. SEDIMENT (SILT) FENCES AND HAY BAYLING TO BE PLACED WHERE DIRECTED BY COUNCIL'S ENGINEER AND MAINTAINED AT ALL TIMES DURING THE CONSTRUCTION WORKS.
10. WHERE PRACTICAL, CATCH DRAINS OR SMALL LEVIES ARE TO BE CONSTRUCTED TO MINIMISE EXTERNAL RUNOFF ENTERING THE SITE.
11. DISTURBED AREAS TO BE KEPT TO A MINIMUM.
12. CONTROL CLEAN WATER FROM ABOVE THE SITE, THROUGH THE SITE AND AROUND THE SITE.
13. KEEP CLEAN WATER SEPARATE FROM DIRTY WATER.
14. CONSERVE ALL TOPSOIL, STOCKPILE AND PROTECT FOR REUSE ON SITE.
15. PROTECT ALL DISTURBED AREAS FROM EROSION.
16. MINIMISE SEDIMENTATION IN ALL AREAS.
17. OBTAIN COUNCIL APPROVAL PRIOR TO CLEARING OF ANY TREES.
18. AN ONSITE MEETING WITH COUNCIL'S SOIL CONSERVATION CONSULTANT PRIOR TO COMMENCEMENT OF WORK WILL BE REQUIRED.
19. ALL SUBCONTRACTORS WILL BE INFORMED OF THEIR RESPONSIBILITIES IN MINIMISING THE POTENTIAL FOR SOIL EROSION AND POLLUTION TO DOWNSLOPE AREAS.
20. CLEARLY VISIBLE BARRIER FENCING SHALL BE INSTALLED AS SHOWN ON THE SWMP AND ELSEWHERE AT THE DISCRETION OF THE SITE SUPERINTENDENT TO ENSURE TRAFFIC CONTROL AND PROHIBIT UNNECESSARY SITE DISTURBANCE. VEHICULAR ACCESS TO THE SITE SHALL BE LIMITED TO ONLY THOSE ESSENTIAL FOR CONSTRUCTION WORK AND THEY SHALL ENTER THE SITE ONLY THROUGH THE STABILISED ACCESS POINTS.
21. WHERE PRACTICABLE, SCHEDULE THE CONSTRUCTION PROGRAM SO THAT THE TIME FROM STARTING LAND DISTURBANCE ACTIVITIES TO STABILISATION IS A DURATION OF LESS THAN SIX MONTHS.
22. LANDS RECENTLY ESTABLISHED WITH GRASS SPECIES WILL BE WATERED REGULARLY UNTIL AN EFFECTIVE COVER HAS PROPERLY ESTABLISHED AND PLANTS ARE GROWING VIGOROUSLY. FURTHER APPLICATION OF SEED MIGHT BE NECESSARY LATER IN AREAS OF INADEQUATE VEGETATION ESTABLISHMENT.
23. ALL EARTHWORKS, INCLUDING WATERWAYS/DRAINS/SPILLWAYS AND THEIR OUTLETS, WILL BE CONSTRUCTED TO BE STABLE IN AT LEAST THE 10-YEAR ARI TIME OF CONCENTRATION STORM EVENT.

POLLUTION CONTROL AND WASTE MANAGEMENT

24. SEDIMENT FENCES (SD 6-8) WILL:

(i) BE INSTALLED WHERE SHOWN ON DRAWINGS CENG-013 TO CENG-020 AND ELSEWHERE AT THE DISCRETION OF THE SITE SUPERINTENDENT TO CONTAIN THE COARSER SEDIMENT FRACTION (INCLUDING AGGREGATED FINES) AS NEAR TO AS POSSIBLE TO THEIR SOURCE;

(ii) HAVE CATCHMENT AREAS NOT EXCEEDING 1,050 m2,

(iii) HAVE RETURNS OF 1 m UPSLOPE AT INTERVALS ALONG THE FENCES WHERE THE CATCHMENT AREAS EXCEED 1,050 m2, TO LIMIT THE DISCHARGE REACHING EACH SECTION TO 50 L/SEC IN A MAXIMUM 10-YEAR 1c DISCHARGE.
25. THE SEDIMENT BASINS (SD 6-4) WILL:

(i) BE CONSTRUCTED WHERE SHOWN ON DRAWINGS CENG-013 TO CENG-020;

(ii) BE FLOCCULATED (APPENDIX E, LANDCOM (2004)) BEFORE DISCHARGE OCCURS (UNLESS THE DESIGN STORM EVENT IS EXCEEDED); AND

(iii) HAVE ONE OR MORE PEGS PLACED ON THE FLOOR TO INDICATE CLEARLY THE LEVEL AT WHICH DESIGN CAPACITY OCCURS AND WHEN SEDIMENT WILL BE REMOVED.
26. STORED CONTENTS OF THE BASINS WILL BE TREATED WITH GYPSUM (APPENDIX E, LANDCOM (2004)) OR OTHER FLOCCULATING AGENTS WHERE THEY CONTAIN MORE THAN 50 MG/L OF SUSPENDED SOLIDS. TREATMENT WILL BE AS FOLLOWS:

(i) TREAT THE WATERS AND ALLOW AT LEAST 24 HOURS TO SETTLE WITHIN FOUR DAYS FROM THE CONCLUSION OF A RAINFALL EVENT.

(ii) DRAIN THE BASINS SO THAT FULL STORAGE CAPACITY IS REGAINED WITHOUT DISCHARGING SEDIMENT FROM THE SITE WITHIN FIVE DAYS FROM THE CONCLUSION OF A RAINFALL EVENT.
27. SEDIMENT REMOVED FROM ANY TRAPPING DEVICE WILL BE DISPOSED IN LOCATIONS WHERE FURTHER EROSION AND CONSEQUENT POLLUTION TO DOWNSLOPE LANDS AND WATERWAYS WILL NOT OCCUR.
28. WATER WILL BE PREVENTED FROM DIRECTLY ENTERING THE PERMANENT DRAINAGE SYSTEM UNLESS IT IS RELATIVELY SEDIMENT FREE (I.E. THE CATCHMENT AREA HAS BEEN PERMANENTLY LANDSCAPED AND/OR ANY LIKELY SEDIMENT HAS BEEN TREATED IN AN APPROVED DEVICE). PROTECTION TO STORMWATER INLETS WILL ALSO BE INSTALLED (SD 6-11 AND SD 6-12).
29. TEMPORARY SOIL AND WATER MANAGEMENT STRUCTURES WILL BE REMOVED ONLY AFTER THE LANDS THEY ARE PROTECTING ARE STABILISED.
30. ACCEPTIBLE BINS WILL BE PROVIDED FOR ANY CONCRETE AND MORTAR SLURRIES, PAINTS, ACID WASHINGS, LIGHTWEIGHT WASTE MATERIALS AND LITTER. CLEARANCE SERVICES WILL BE PROVIDED AT LEAST WEEKLY.

SITE INSPECTION AND MAINTENANCE

31. A SELF-AUDITING PROGRAM SHALL BE ESTABLISHED BASED ON A 'CHECK SHEET'. A SITE INSPECTION USING THE CHECKLIST WILL BE MADE BY THE SITE MANAGER:

(i) AT LEAST WEEKLY,

(ii) IMMEDIATELY BEFORE SITE CLOSURE, AND

(iii) IMMEDIATELY FOLLOWING RAINFALL EVENTS GREATER THAN 5MM IN ANY ONE 24-HOUR PERIOD
32. A SUITABLY QUALIFIED PERSON WILL BE REQUIRED TO OVERSEE THE INSTALLATION OF ALL SOIL AND WATER MANAGEMENT WORKS ON THE SITE.
33. PROPER DRAINAGE OF THE SITE WILL BE MAINTAINED. TO THIS END DRAINS (INCLUDING INLET AND OUTLET WORKS) WILL BE CHECKED TO ENSURE THAT THEY ARE OPERATING AS INTENDED.
34. ALL SEDIMENT DETENTION SYSTEMS WILL BE KEPT IN GOOD, WORKING CONDITION.
35. ANY POLLUTANTS REMOVED FROM SEDIMENT BASINS OR LITTER TRAPS WILL BE DISPOSED IN AREAS WHERE FURTHER POLLUTION TO DOWNSLOPE LANDS AND WATERWAYS SHOULD NOT OCCUR.
36. ADDITIONAL EROSION AND/OR SEDIMENT CONTROL WORKS WILL BE CONSTRUCTED AS MIGHT BECOME NECESSARY TO ENSURE THE DESIRED PROTECTION IS GIVEN TO DOWNSLOPE LANDS AND WATERWAYS.
37. WATERS IN SEDIMENT RETENTION BASINS THAT OCCUPY MORE THAN ONE QUARTER OF THE DESIGN CAPACITY WILL BE:

(i) TREATED WITH A FLOCCULATING AGENT (APPENDIX E OF LANDCOM (2004)); AND

(ii) DISCHARGED WITHIN FIVE DAYS FROM THE CONCLUSION OF ANY STORM EVENT LARGE ENOUGH TO FILL THE BASIN TO THAT LEVEL.
38. LITTER, DEBRIS AND COARSE SEDIMENT WILL BE REMOVED FROM THE GROSS POLLUTANT TRAPS AND TRASH RACKS AS REQUIRED.

Sediment Basin Sizing
Marmong Aged Care Facility

Type F/D	
Catchment Site Area (hectares)	2.5
Settling Zone	
Runoff Coefficient, Cv	0.5
80th %, 5 day Rainfall Event	30.5
Settling Zone Volume	381m³
Sediment Zone	
Disturbed Site Area (hectares)	2.5
Rainfall Erosivity Factor, R	2500
Soil Erodibility Factor, K	0.025
Slope Length Gradient Factor, LS	3.7
Erosion Control Practice Factor, P	1.3
Cover Factor, C	1
Sediment Zone Volume	98m³
Total Storage required (overall)	
Settling + Sediment	480m³

TYPICAL CONSTRUCTION SCHEDULE
FOR EACH STAGE

	WEEK							
	1	2	3	4	5	6	7	8
CONSTRUCT ALL TEMPORARY SEDIMENT BASINS	X							
PLACE SEDIMENT (SILT) FENCE ALONG ROAD BOUNDARIES AS SHOWN	X							
PLACE SEDIMENT (SILT) FENCE BELOW AREAS TO BE REGRADED	X							
CONSTRUCT ALL DIVERSION BANKS TO CATCH CLEAN WATER	X							
ROAD CONSTRUCTION, REGRADING AND DRAINAGE WORKS		X	X	X	X	X	X	X
PLACE SEDIMENT (SILT) FENCE AROUND STOCKPILES		X						
PLACE SEDIMENT CONTROL BARRIERS AROUND STORMWATER PITS AT COMPLETION OF DRAINAGE			X	X				
PLACE STRIP TURF PARALLEL TO DESIGN CONTOURS ALONG							X	X
HYDROMULCH AND HYDROSEED REGRADED AREAS AND BATTERS WHEN COMPLETED							X	X

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							PLAN TITLE SOIL AND WATER MANAGEMENT DETAILS SHEET 2 OF 2										
A	05/10/2011	Issued for Approval	L.W.	L.G.	L.W.	L.G.											
B	15/12/2011	Amend Layout as Per Clients Instructions	L.W.	L.G.	L.W.	L.G.											
C	29/02/2012	Amend Layout as Per Clients Instructions	L.W.	L.G.	L.W.	L.G.											
D	26/04/2012	Amend Building & Stormwater Layout	C.O.	L.M.	L.M.	L.G.											
E	22/05/2012	Amended Basin	R.C.	L.M.	L.M.	L.G.											
F	26/10/2012	Client Instruction & Amend Soil & Water Management Plans	Z.J.	J.W.	J.W.	L.G.											
ALL DIMENSIONS ARE IN METRES. DO NOT SCALE																	