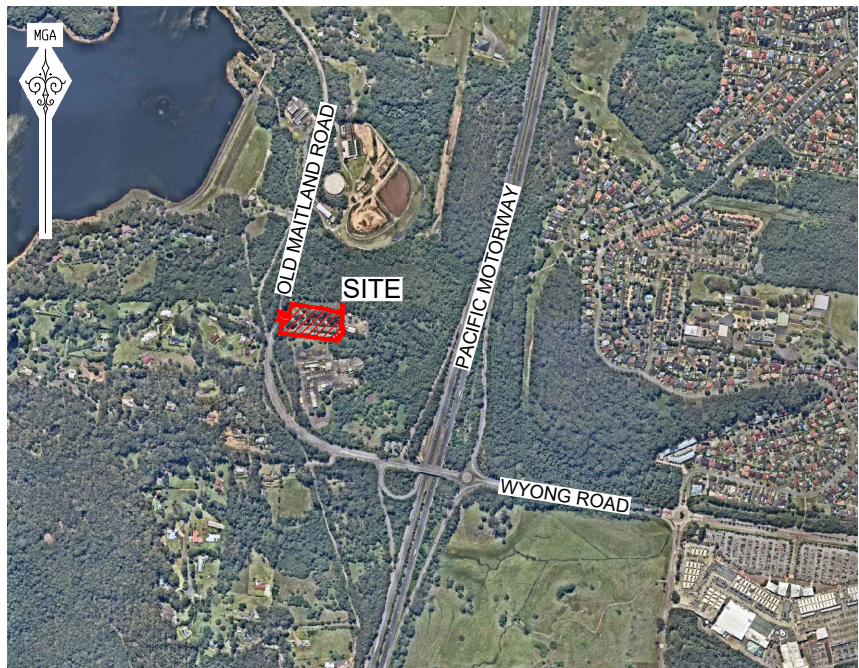


CONCEPT ENGINEERING PLANS OF ' PROPOSED ANIMAL SHELTER ' LOT 100, D.P.602992 OLD MAITLAND ROAD, MARDI



LOCALITY SKETCH
NOT TO SCALE

INDEX OF DRAWINGS

DRAWING No.	DRAWING NAME
190872-CENG-001	COVER SHEET, INDEX OF DRAWINGS & LOCALITY SKETCH
190872-CENG-002	OVERALL SITE PLAN
190872-CENG-003	DEMOLITION PLAN
190872-CENG-101	DETAIL PLAN
190872-CENG-201	TYPICAL ROAD CROSS SECTIONS & DETAILS
190872-CENG-211	ROAD LONGITUDINAL SECTION - ROAD 01
190872-CENG-212	ROAD LONGITUDINAL SECTION - ROAD 02
190872-CENG-401	STORMWATER DETAIL PLAN
190872-CENG-501	SITE REGRADE PLAN
190872-CENG-511	SITE SECTIONS - SHEET 1
190872-CENG-512	SITE SECTIONS - SHEET 2
190872-CENG-601	EROSION & SEDIMENT CONTROL PLAN
190872-CENG-611	EROSION & SEDIMENT CONTROL DETAILS
190872-CENG-701	VEHICLE SWEEP PATH PLAN



NOT FOR CONSTRUCTION

REV.	DATE	AMENDMENT	DESIGN	DRAWN	CHECKED	APPROVED	SCALES		<p>Central Coast 5 Pioneer Avenue, 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</p>	<p>CLIENT</p> 	PROPERTY DESCRIPTION		PROJECT			
PROPOSED ANIMAL SHELTER																
PLAN TITLE		COVER SHEET, INDEX OF DRAWINGS & LOCALITY SKETCH														
SURVEYED		DATUM		PROJECT No.		DISCIPLINE					NUMBER		REV.			
Everitt & Everitt		GDA2020 M.G.A. ZONE 56 A.H.D.		190872 -		CENG -					001		F			
DESIGN FILE S:\190872\DESIGN\12D\ANIMAL CARE FACILITY.project											ALL DIMENSIONS ARE IN METRES. DO NOT SCALE					
NOT TO SCALE																



LEGEND

SITE BOUNDARY

EXISTING LOT BOUNDARY

PROPOSED KERB

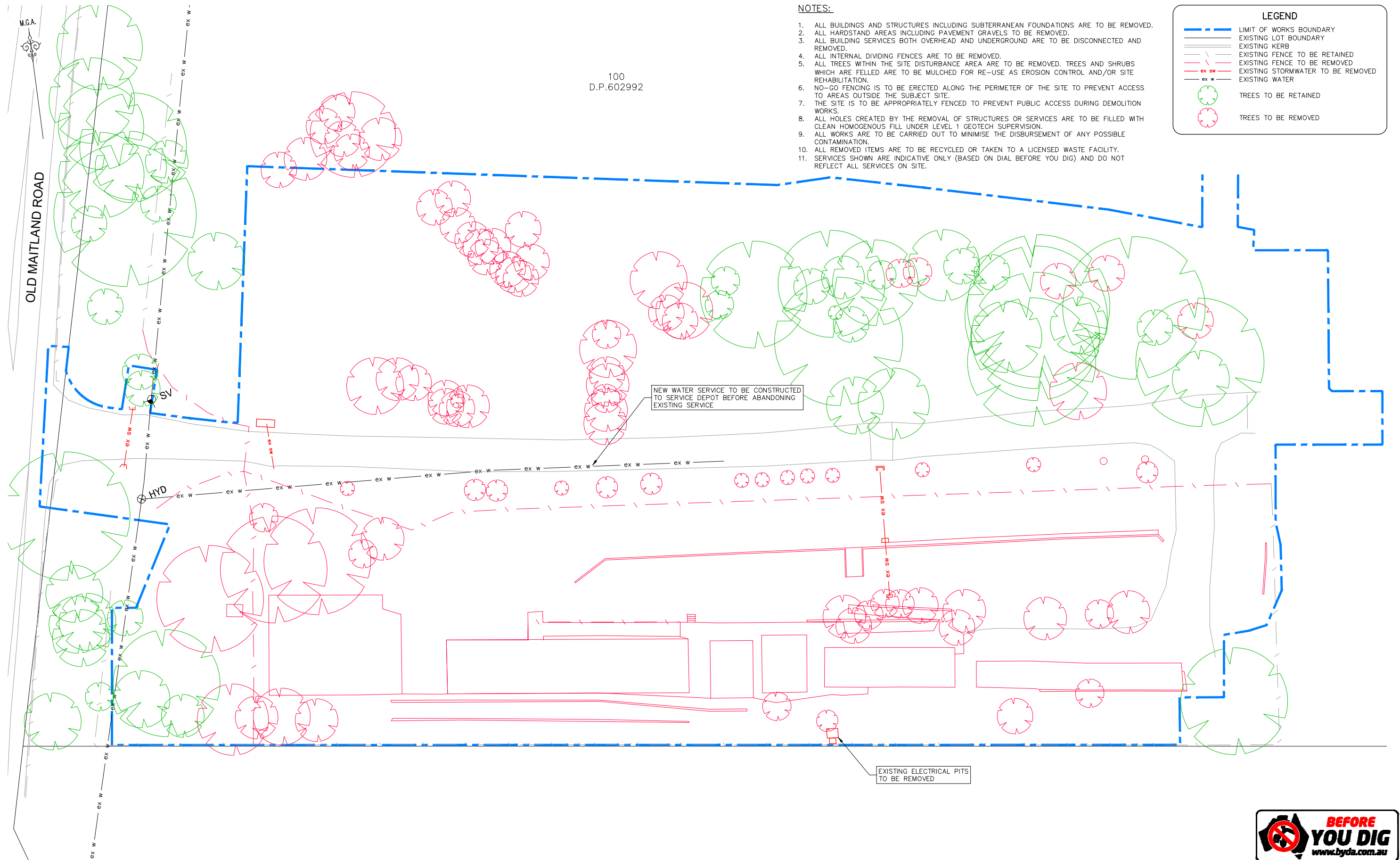
EXISTING KERB

OVERALL SITE PLAN
SCALE 1:1000



NOT FOR CONSTRUCTION

REV.				DATE	AMENDMENT	DESIGN	DRAWN	CHECKED	APPROVED	SCALES			<p>Central Coast 5 Pioneer Avenue, 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</p>		CLIENT	PROPERTY DESCRIPTION		PROJECT					
										PROPOSED ANIMAL SHELTER													
										PLAN TITLE													
										OVERALL SITE PLAN													
DESIGN FILE S:\190872\DESIGN\12D\ANIMAL CARE FACILITY.project										ALL DIMENSIONS ARE IN METRES. DO NOT SCALE		SURVEYED Everitt & Everitt		DATUM GDA2020 M.G.A. ZONE 56 A.H.D.		PROJECT No. 190872 -		DISCIPLINE CENG -		NUMBER 002		REV. F	



DEMOLITION PLAN
SCALE 1:250

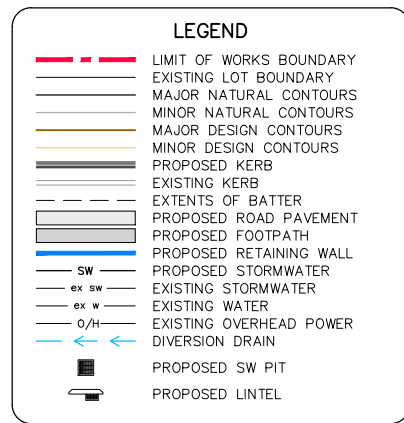


NOT FOR CONSTRUCTION

REV.	DATE	AMENDMENT	DESIGN	DRAWN	CHECKED	APPROVED	SCALES	CLIENT	PROPERTY DESCRIPTION	PROJECT
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B	04/09/23	GENERAL AMENDMENTS	MP	SZ	ND	ND				PLAN TITLE
C	23/09/23	BIN STORAGE LOCATION AMENDED	MP	AE	ND	ND				DEMOLITION PLAN
D	07/05/24	UPDATED ARCHITECTURAL LAYOUT	MP	JS	ND	ND				
E	11/11/2024	RAINWATER TANK LOCATION AMENDED	MP	JS	ND	ND				
F	5/12/2024	UPDATED ARCHITECTURAL LAYOUT	MP	JS	ND	ND				

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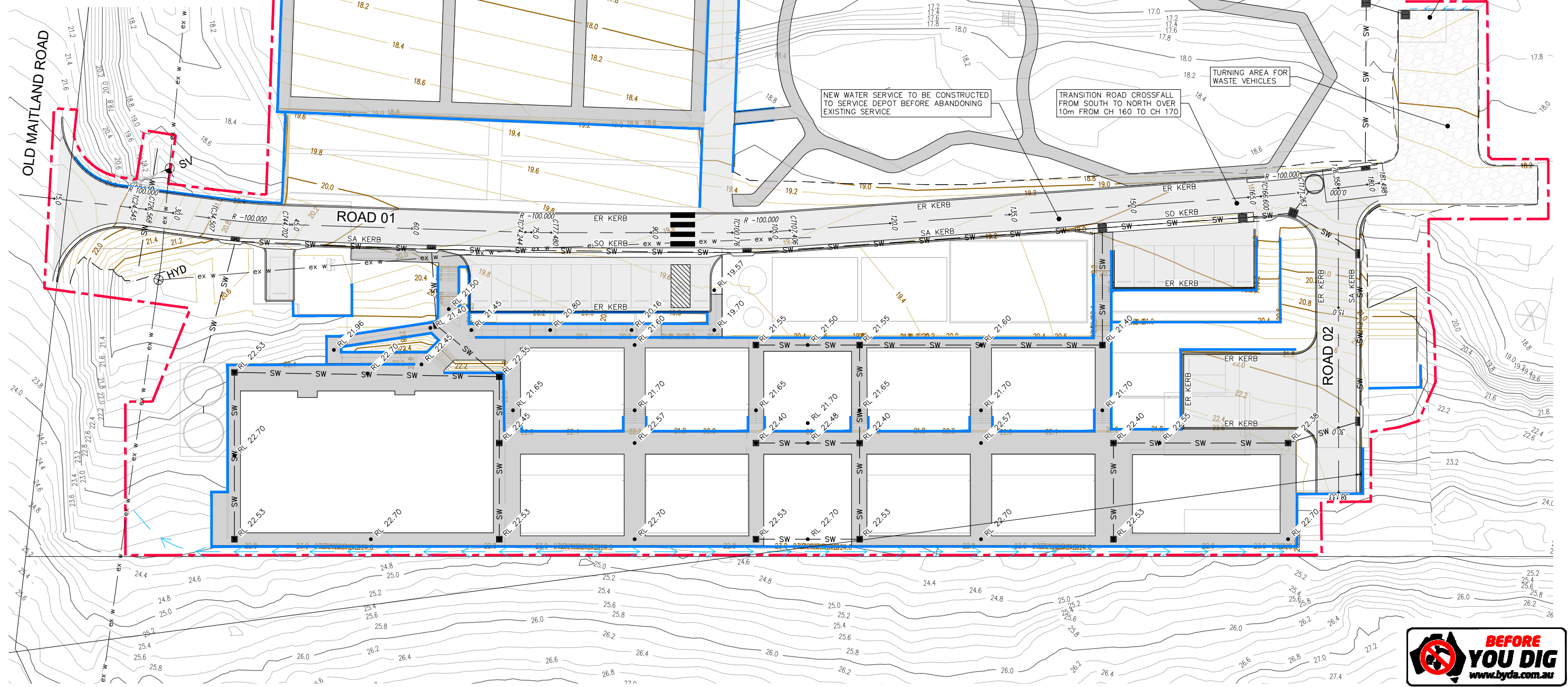
SURVEYED	Everitt & Everitt	DATUM	GDA2020 M.G.A. ZONE 56 A.H.D.	PROJECT No.	190872	DISCIPLINE	CENG	NUMBER	003	REV.	F
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CONTOUR INTERVAL = 0.2m

GENERAL NOTES:

1. FOR TYPICAL ROAD CROSS SECTIONS, KERB PROFILES REFER SHEET 201.



DETAIL PLAN
SCALE 1:250

**NOT FOR CONSTRUCTION**

REV.	DATE	AMENDMENT	DESIGN	DRAWN	CHECKED	APPROVED	SCALES
A	08/08/23	INITIAL ISSUE	MP	SZ	ND	ND	
B	04/09/23	GENERAL AMENDMENTS	MP	SZ	ND	ND	
C	23/09/23	BIN STORAGE LOCATION AMENDED	MP	AE	ND	ND	
D	07/05/24	UPDATED ARCHITECTURAL LAYOUT	MP	JS	ND	ND	
E	11/11/2024	RAINWATER TANK LOCATION AMENDED	MP	JS	ND	ND	
F	5/12/2024	UPDATED ARCHITECTURAL LAYOUT	MP	JS	ND	ND	



Central Coast
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email: coast@adwjohnson.com.au
www.adwjohnson.com.au
ABN 62 129 445 398

CLIENT



PROPERTY DESCRIPTION

LOT 100, D.P.602992
OLD MAITLAND ROAD, MARDI

SURVEYED

Everitt & Everitt

DATUM

GDA2020 M.G.A. ZONE 56 A.H.D.

PROJECT

PROPOSED ANIMAL SHELTER

PLAN TITLE

DETAIL PLAN

PROJECT No.

190872

DISCIPLINE

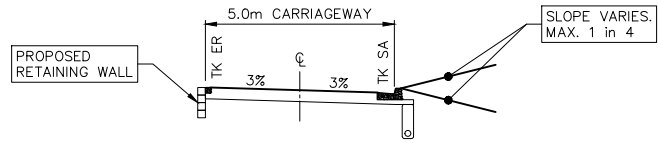
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NUMBER

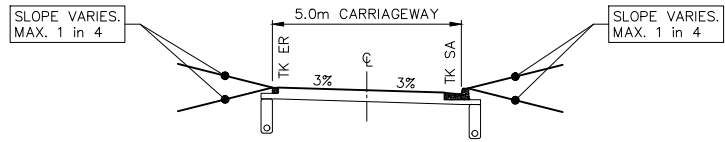
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REV.

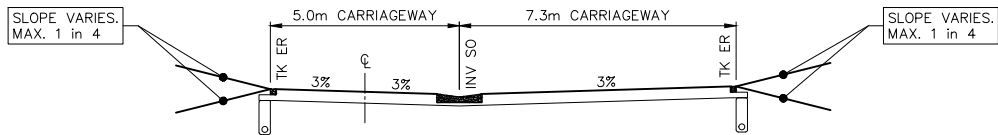
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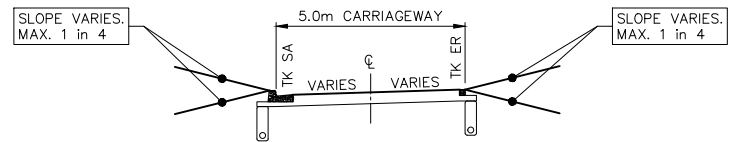
TYPICAL ROAD SECTION – ROAD 01
START TO CH 63
SCALE 1 : 100



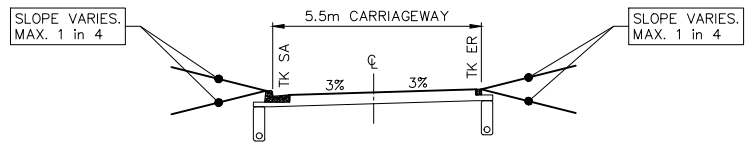
TYPICAL ROAD SECTION – ROAD 01
CH 97 TO CH 143
SCALE 1 : 100



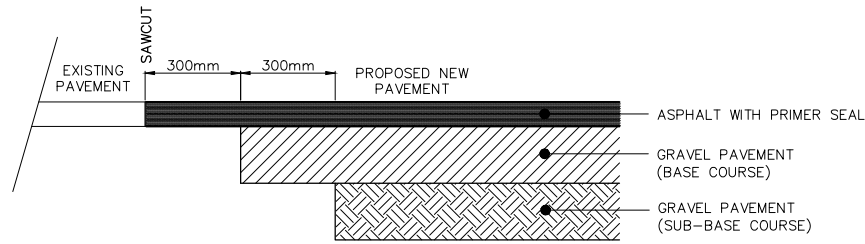
TYPICAL ROAD SECTION – ROAD 01
CH 67 TO CH 96 & CH 148 TO CH 165
SCALE 1 : 100



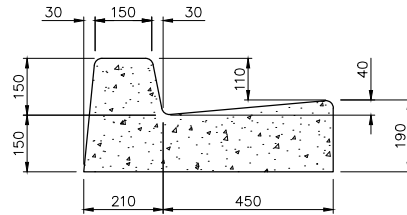
TYPICAL ROAD SECTION – ROAD 01
CH 165 TO CH 170
SCALE 1 : 100



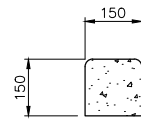
TYPICAL ROAD SECTION – ROAD 02
START TO END
SCALE 1 : 100



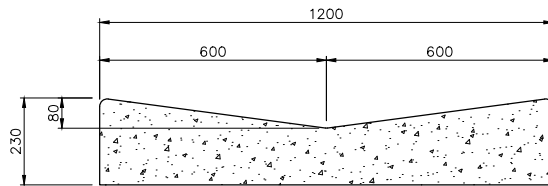
TYPICAL SAWCUT DETAIL
SCALE 1 : 10



BARRIER KERB & CHANNEL
(MODIFIED SA KERB)
SCALE 1 : 10



EDGE RESTRAINT
SCALE 1 : 10



SHOULDER CHANNEL
(MODIFIED SO KERB)
SCALE 1 : 10



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REV.	DATE	AMENDMENT	DESIGN	DRAWN	CHECKED	APPROVED	SCALES	 <div>Central Coast 5 Pioneer Avenue, 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</div>	CLIENT		PROPERTY DESCRIPTION		PROJECT									
A	B	C	D	E	F	G	H				PROPOSED ANIMAL SHELTER											
08/08/23	INITIAL ISSUE	MP	SZ	ND	ND	A1 1:100					LOT 100, D.P.602992 OLD MAITLAND ROAD, MARDI		PLAN TITLE									
04/09/23	GENERAL AMENDMENTS	MP	SZ	ND	ND	A1 1:10					TYPICAL ROAD CROSS SECTIONS & DETAILS											
23/09/23	BIN STORAGE LOCATION AMENDED	MP	SZ	ND	ND																	
07/05/24	UPDATED ARCHITECTURAL LAYOUT	MP	JS	ND	ND																	
11/11/2024	RAINWATER TANK LOCATION AMENDED	MP	JS	ND	ND																	
5/12/2024	UPDATED ARCHITECTURAL LAYOUT	MP	JS	ND	ND																	
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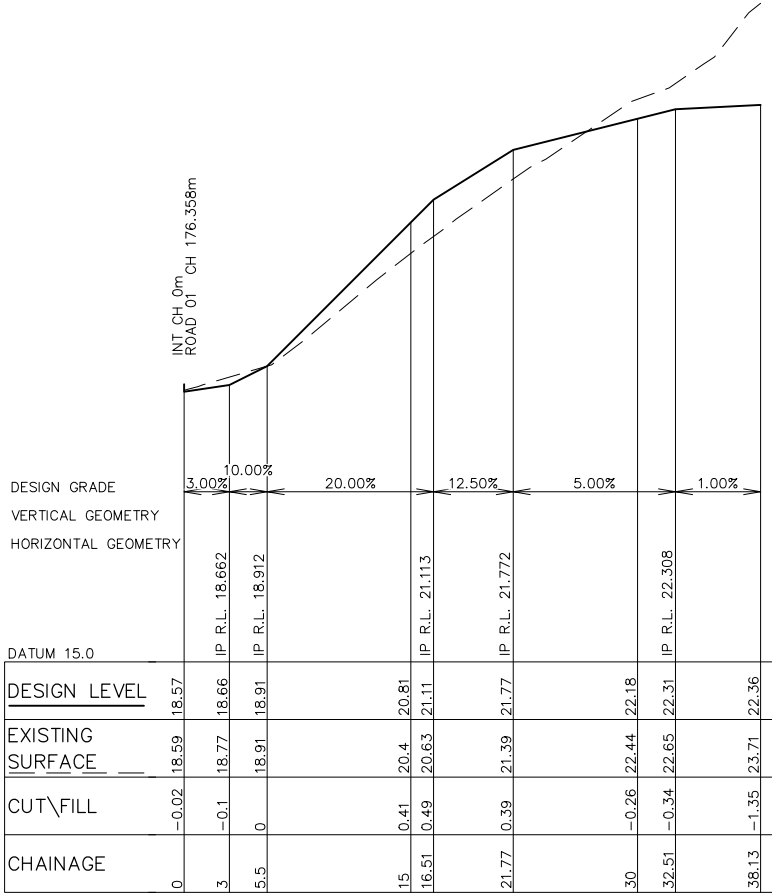


HORIZONTAL SCALE 1:250
VERTICAL SCALE 1:50



NOT FOR CONSTRUCTION

REV.	DATE	AMENDMENT	DESIGN	DRAWN	CHECKED	APPROVED	SCALES		Central Coast 5 Pioneer Avenue, 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									
							 				LOT 100, D.P.602992 OLD MAITLAND ROAD, MARDI		PROPOSED ANIMAL SHELTER									
													ROAD LONGITUDINAL SECTION ROAD 01									
DESIGN FILE S:\190872\DESIGN\12D\ANIMAL CARE FACILITY.project							ALL DIMENSIONS ARE IN METRES. DO NOT SCALE				SURVEYED Everitt & Everitt		DATUM GDA2020 M.G.A. ZONE 56 A.H.D.		PROJECT No. 190872 -		DISCIPLINE CENG -		NUMBER 211		REV. F	



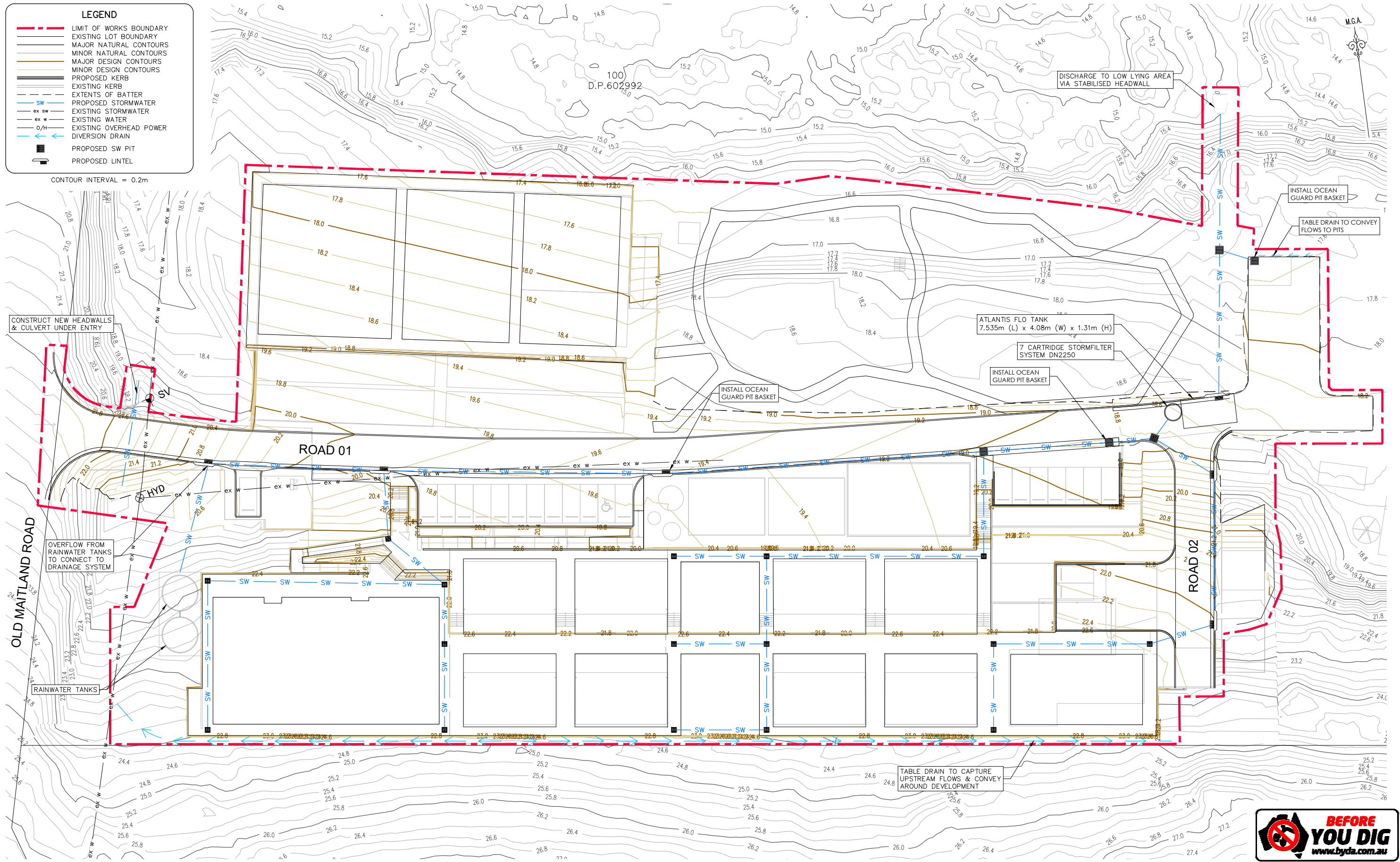
LONGITUDINAL SECTION ROAD 02

HORIZONTAL SCALE 1:250
VERTICAL SCALE 1:50



NOT FOR CONSTRUCTION

REV.	DATE	AMENDMENT	DESIGN	DRAWN	CHECKED	APPROVED	SCALES	 <div>Central Coast 5 Pioneer Avenue, 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</div>	CLIENT		PROPERTY DESCRIPTION		PROJECT			
A B C D E F	08/08/23 04/09/23 29/09/23 07/05/24 11/11/2024 5/12/2024	INITIAL ISSUE GENERAL AMENDMENTS BIN STORAGE LOCATION AMENDED UPDATED ARCHITECTURAL LAYOUT RAINWATER TANK LOCATION AMENDED UPDATED ARCHITECTURAL LAYOUT	MP MP MP MP MP MP	SZ SZ AE JS JS	ND ND ND ND ND ND	ND ND ND ND ND ND	<div>A1 1:250 0 5.0 10.0 12.5m A3 1:500</div> <div>A1 1:50 0 1.25 2.5m A3 1:100</div>		LOT 100, D.P.602992 OLD MAITLAND ROAD, MARDI		PROPOSED ANIMAL SHELTER	PLAN TITLE ROAD LONGITUDINAL SECTION ROAD 02				
DESIGN FILE S:\190872\DESIGN\12D\ANIMAL CARE FACILITY.project								ALL DIMENSIONS ARE IN METRES. DO NOT SCALE			SURVEYED Everitt & Everitt	DATUM GDA2020 M.G.A. ZONE 56 A.H.D.	PROJECT No. 190872 -	DISCIPLINE CENG -	NUMBER 212	REV. F



NOT FOR CONSTRUCTION

REV.	DATE	AMENDMENT	DESIGN	DRAWN	CHECKED	APPROVED	SCALES	CLIENT	PROPERTY DESCRIPTION	PROJECT
A	08/08/23	INITIAL ISSUE	MP	SZ	ND	ND	A1 1:250	Central Coast Council	LOT 100, D.P.602992 OLD MAITLAND ROAD, MARDI	PROPOSED ANIMAL SHELTER
B	04/09/23	GENERAL AMENDMENTS	MP	SZ	ND	ND				PLAN TITLE
C	23/09/23	BIN STORAGE LOCATION AMENDED	MP	AE	ND	ND				STORMWATER DETAIL PLAN
D	07/05/24	UPDATED ARCHITECTURAL LAYOUT	MP	JS	ND	ND				PROJECT No.
E	11/11/2024	RAINWATER TANK LOCATION AMENDED	MP	JS	ND	ND				DISCIPLINE
F	5/12/2024	UPDATED ARCHITECTURAL LAYOUT	MP	JS	ND	ND				NUMBER
										REV.
										F

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Plotted By: Jade Sterrett Plot Date: 05/12/24 10:14:02AM Cad File: S:\190872\DWG\ENGINEERING\CENG\190872-CENG-401.DWG

ALL DIMENSIONS ARE IN METRES. DO NOT SCALE

adw Johnson

Central Coast Council

Central Coast
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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

LOT 100, D.P.602992
OLD MAITLAND ROAD, MARDI

SURVEYED
Everitt & Everitt

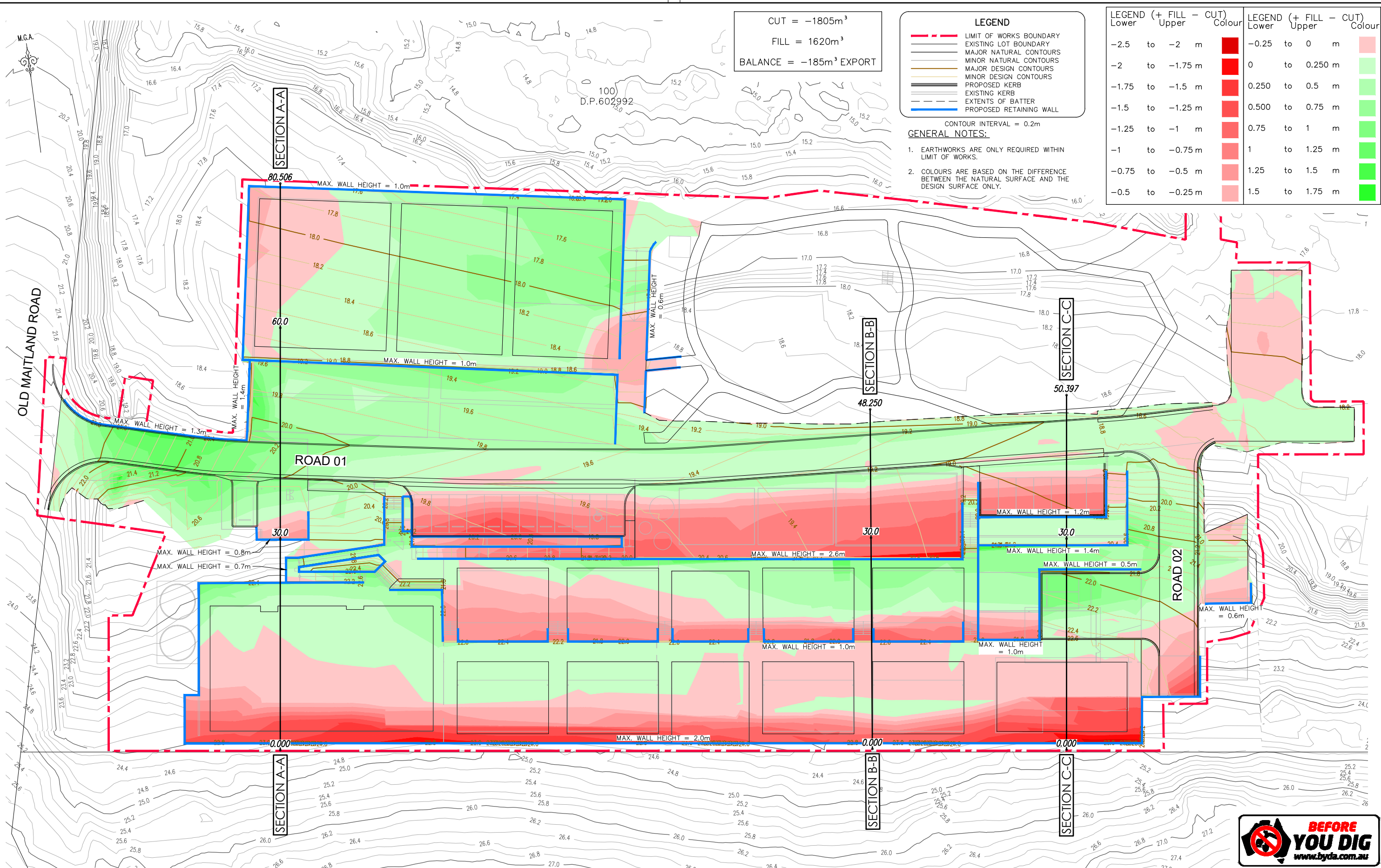
DATUM
GDA2020 M.G.A. ZONE 56 A.H.D.

PROJECT No.
190872

DISCIPLINE
CENG

NUMBER
401

REV.
F



SITE REGRADE PLAN
SCALE 1:250

REV.	DATE	AMENDMENT
A	08/08/23	INITIAL ISSUE
B	04/09/23	GENERAL AMENDMENTS
C	23/09/23	BIN STORAGE LOCATION AMENDED
D	07/05/24	UPDATED ARCHITECTURAL LAYOUT
E	11/11/2024	RAINWATER TANK LOCATION AMENDED
F	5/12/2024	UPDATED ARCHITECTURAL LAYOUT

DESIGN	DRAWN	CHECKED	APPROVED
MP	SZ	ND	ND
MP	CS	ND	ND
MP	AE	ND	ND
MP	JS	ND	ND
MP	JS	ND	ND

SCALES
A1 1:250
A3 1:500



Central Coast
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Fax: (02) 4305 4399
email: coast@adwjohnson.com.au
www.adwjohnson.com.au
ABN 62 129 445 398

CLIENT

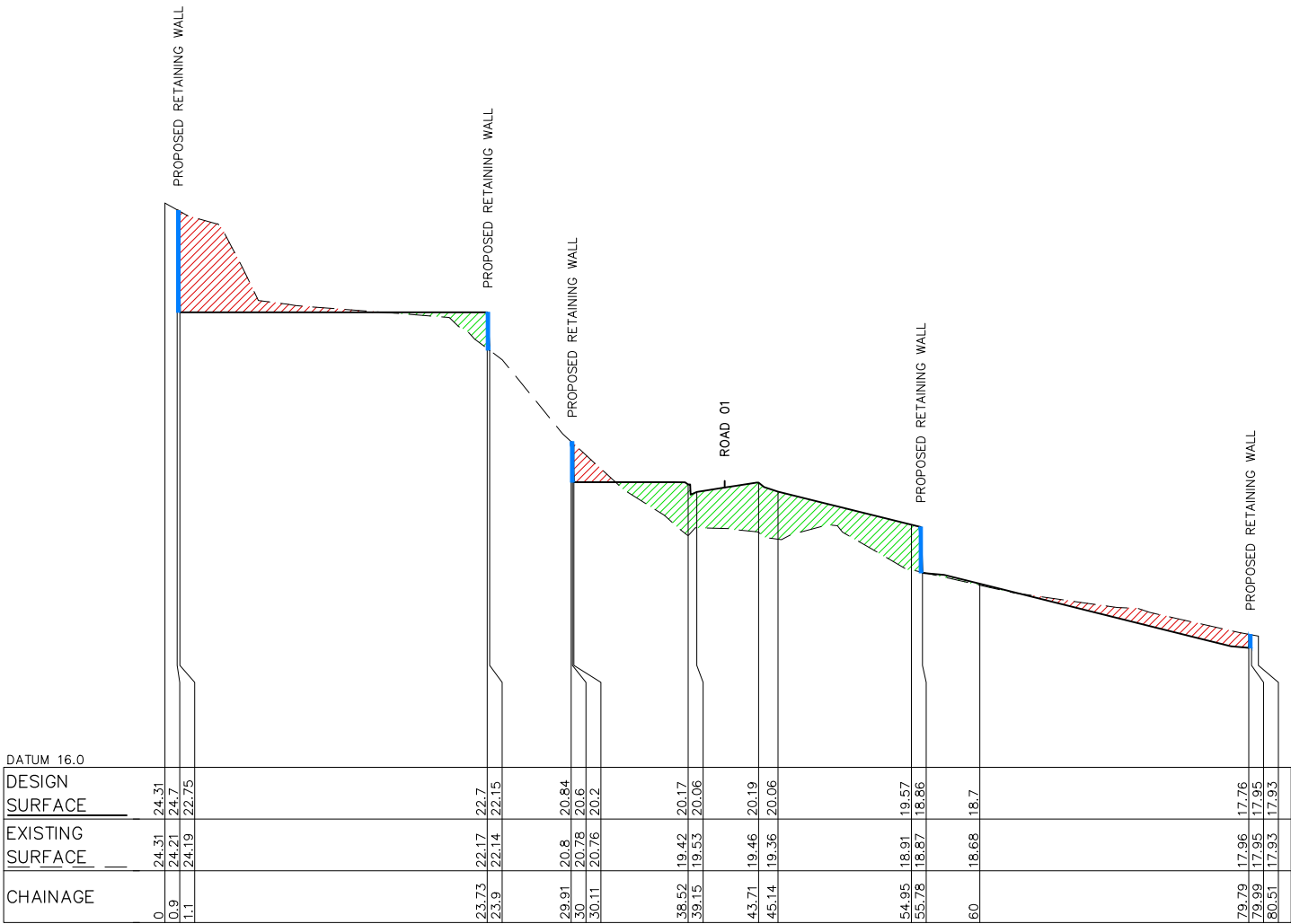


PROPERTY DESCRIPTION
LOT 100, D.P.602992 OLD MAITLAND ROAD, MARDI
SURVEYED Everitt & Everitt
DATUM GDA2020 M.G.A. ZONE 56 A.H.D.

PROJECT	PROPOSED ANIMAL SHELTER
PLAN TITLE	SITE REGRADE PLAN
PROJECT No.	190872
DISCIPLINE	CENG
NUMBER	501
REV.	F

CUT

FILL



SITE SECTION A-A
HORIZONTAL SCALE 1: 250
VERTICAL SCALE 1: 50

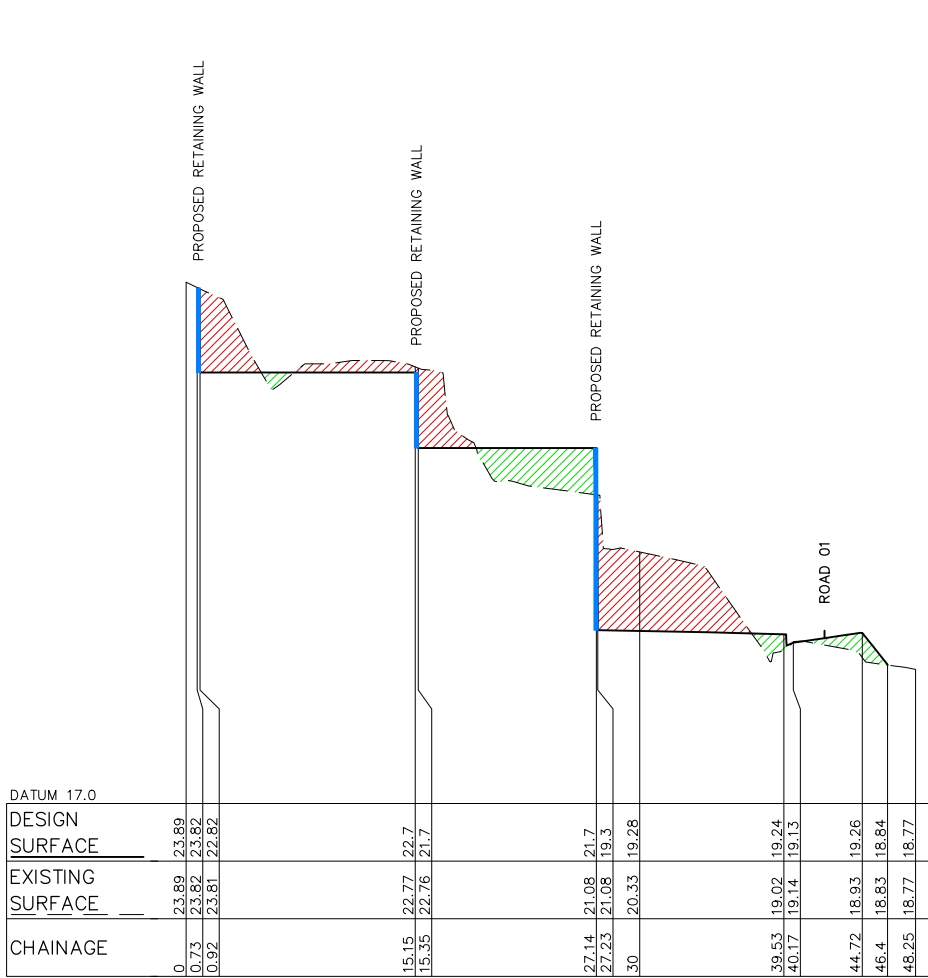
GENERAL NOTES

1. CUT/FILL VALUES SHOWN ARE INDICATIVE ONLY AND REPRESENTATIVE OF LEVEL DIFFERENCE BETWEEN EXISTING SURFACE AND PROPOSED FINISHED SURFACE ONLY.
2. NO ALLOWANCE HAS BEEN MADE FOR STRIPPING/GRUBBING, PAVEMENT BOXING, OVER EXCAVATION FOR BUILDINGS, BULKING FACTORS ETC.

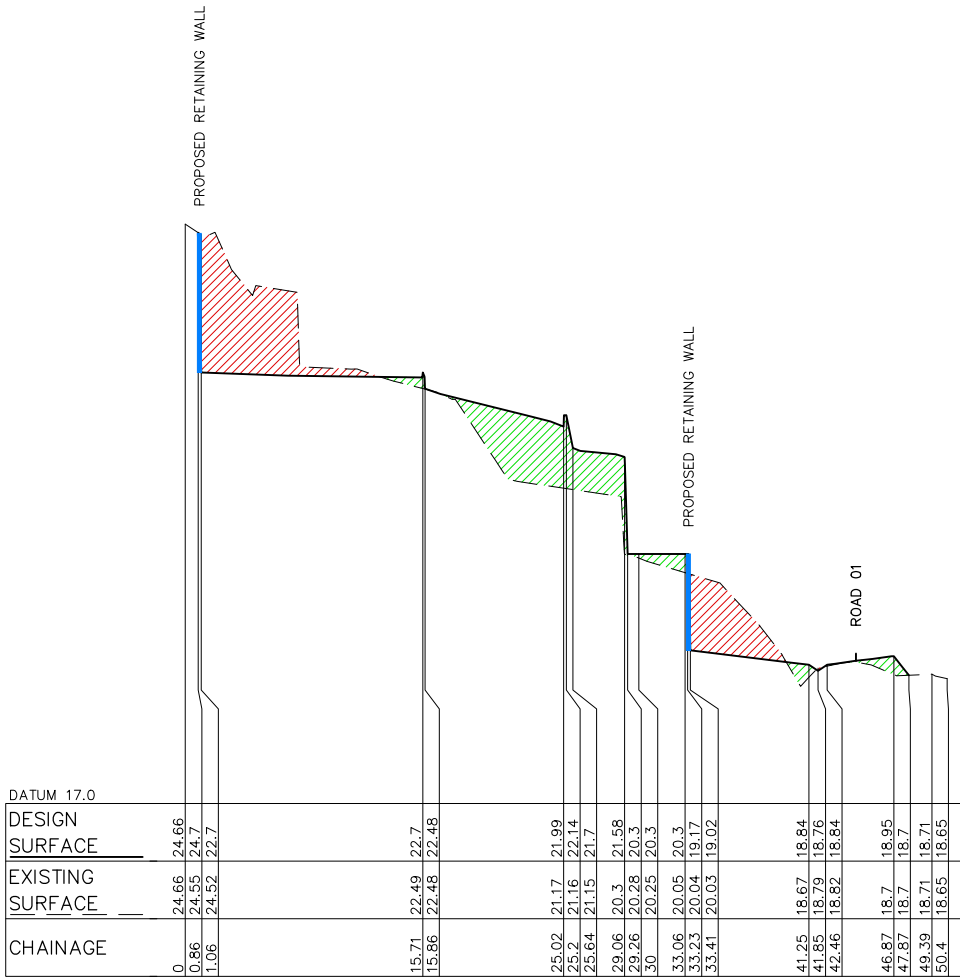


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REV.	DATE	AMENDMENT	DESIGN	DRAWN	CHECKED	APPROVED	SCALES		<p>Central Coast 5 Pioneer Avenue, P.O. Box 3717, Tuggerah N.S.W. 2259 Phone: (02) 4305 4300 Fax: (02) 4305 4399 email: coast@adwjohnson.com.au www.adwjohnson.com.au ABN 62 129 445 398</p>	CLIENT		PROPERTY DESCRIPTION		PROJECT									
A	08/08/23	INITIAL ISSUE	MP	SZ	ND	ND						LOT 100, D.P.602992 OLD MAITLAND ROAD, MARDI		PROPOSED ANIMAL SHELTER									
B	04/09/23	GENERAL AMENDMENTS	MP	SZ	ND	ND							PLAN TITLE										
C	29/09/23	BIN STORAGE LOCATION AMENDED	MP	SZ	ND	ND					SITE SECTIONS												
D	07/05/24	UPDATED ARCHITECTURAL LAYOUT	MP	AE	ND	ND					SHEET 1												
E	11/11/2024	RAINWATER TANK LOCATION AMENDED	MP	JS	ND	ND																	
F	5/12/2024	UPDATED ARCHITECTURAL LAYOUT	MP	JS	ND	ND																	
DESIGN FILE S:\190872\DESIGN\12D\ANIMAL CARE FACILITY.project								ALL DIMENSIONS ARE IN METRES. DO NOT SCALE				SURVEYED Everitt & Everitt		DATUM GDA2020 M.G.A. ZONE 56 A.H.D.		PROJECT No. 190872 -		DISCIPLINE CENG -		NUMBER 511		REV. F	



SITE SECTION B-B
HORIZONTAL SCALE 1:250
VERTICAL SCALE 1:50



SITE SECTION C-C
HORIZONTAL SCALE 1:250
VERTICAL SCALE 1:50

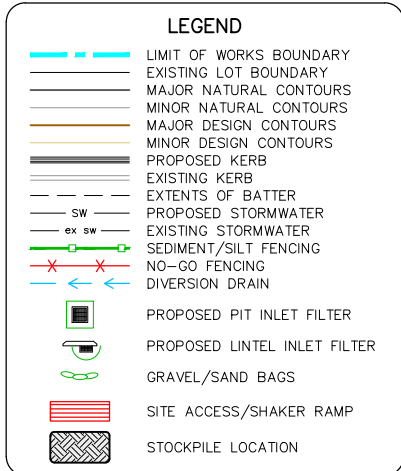
GENERAL NOTES

- CUT/FILL VALUES SHOWN ARE INDICATIVE ONLY AND REPRESENTATIVE OF LEVEL DIFFERENCE BETWEEN EXISTING SURFACE AND PROPOSED FINISHED SURFACE ONLY.
- NO ALLOWANCE HAS BEEN MADE FOR STRIPPING/GRUBBING, PAVEMENT BOXING, OVER EXCAVATION FOR BUILDINGS, BULKING FACTORS ETC.

REV.	DATE	AMENDMENT	DESIGN	DRAWN	CHECKED	APPROVED	SCALES	<div><div><div>adw</div><div>Johnson</div></div><div><div>Central Coast</div><div>5 Pioneer Avenue, 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</div></div></div>	CLIENT	<div><div>Central Coast Council</div></div>	PROPERTY DESCRIPTION		PROJECT																																																																																																																																																													
A 08/08/23 04/09/23 23/09/23 07/05/24 11/11/2024 5/12/2024	B 08/08/23 04/09/23 23/09/23 07/05/24 11/11/2024 5/12/2024	C 08/08/23 04/09/23 23/09/23 07/05/24 11/11/2024 5/12/2024	D 08/08/23 04/09/23 23/09/23 07/05/24 11/11/2024 5/12/2024	E 08/08/23 04/09/23 23/09/23 07/05/24 11/11/2024 5/12/2024	F 08/08/23 04/09/23 23/09/23 07/05/24 11/11/2024 5/12/2024	G 08/08/23 04/09/23 23/09/23 07/05/24 11/11/2024 5/12/2024	H 08/08/23 04/09/23 23/09/23 07/05/24 11/11/2024 5/12/2024		I 08/08/23 04/09/23 23/09/23 07/05/24 11/11/2024 5/12/2024		J 08/08/23 04/09/23 23/09/23 07/05/24 11/11/2024 5/12/2024	K 08/08/23 04/09/23 23/09/23 07/05/24 11/11/2024 5/12/2024	L 08/08/23 04/09/23 23/09/23 07/05/24 11/11/2024 5/12/2024	M 08/08/23 04/09/23 23/09/23 07/05/24 11/11/2024 5/12/2024	N 08/08/23 04/09/23 23/09/23 07/05/24 11/11/2024 5/12/2024	O 08/08/23 04/09/23 23/09/23 07/05/24 11/11/2024 5/12/2024	P 08/08/23 04/09/23 23/09/23 07/05/24 11/11/2024 5/12/2024	Q 08/08/23 04/09/23 23/09/23 07/05/24 11/11/2024 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NOT FOR CONSTRUCTION



CONTOUR INTERVAL = 0.2m

EROSION & SEDIMENT CONTROL NOTES:

1. EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE CONSISTENT WITH THE APPROVED MASTERPLAN DOCUMENTS AND THE "MANAGING URBAN STORMWATER" - 3RD EDITION (1998) PREPARED BY THE NSW DEPARTMENT OF HOUSING.
2. DISTURBED AREAS TO BE KEPT TO A MINIMUM. NO MORE THAN 2.5HA OF THE SITE SHALL BE EXPOSED TO EROSION AT ANY ONE TIME.
3. CONTROL CLEAN WATER FROM ABOVE THE SITE, THROUGH THE SITE.
4. KEEP CLEAN WATER SEPARATE FROM DIRTY WATER.
5. CONSERVE ALL TOPSOIL, STOCKPILE AND PROTECT FOR REUSE ON SITE.
6. PROTECT ALL DISTURBED AREAS FROM EROSION.
7. MINIMISE SEDIMENTATION.
8. MAINTAIN ALL EROSION AND SEDIMENT CONTROL MEASURES UNTIL COMPLETE REHABILITATION IS ACHIEVED.
9. CONSTRUCT STABILISED EARTH BERMS TO DIRECT CLEAN RUNOFF FROM ENTERING THE DISTURBED SITE.
10. SEDIMENT BASIN/S TO BE CONSTRUCTED TO MEET REQUIREMENTS OF RUSLE CALCULATIONS.
11. CONSTRUCT STABILISED DIVERSION BANKS TO COLLECT RUNOFF FROM DISTURBED AREAS AND DIRECT IT TO A SEDIMENT BASIN.
12. PLACE SEDIMENT INLET TRAPS AROUND ALL PITS WITHIN AND DOWNSTREAM OF THE DEVELOPMENT.
13. PLACE GRAVEL BAG GROYNES IN GUTTERS AT 20 - 25m INTERVALS.
14. PLACE STRAWBALES IN SWALES AT 40 - 50m INTERVALS.
15. PLACE STRAWBALES ACROSS OVERLAND FLOW PATH PRIOR TO THE RUNOFF ENTERING DRAINAGE SYSTEM.
16. STOCKPILES OF MATERIAL TO BE PLACED AWAY FROM DRAINAGE FLOW PATHS AND HEAVILY TRAFFICABLE AREAS AND TO BE SURROUNDED BY SILT FENCING AT ALL TIMES.
17. CONSTRUCT AN ALL WEATHER CONSTRUCTION ACCESS TO THE SITE.

18. ALL DISTURBED AREAS ARE TO BE REVEGETATED OR OTHERWISE PROTECTED AS SOON AS PRACTICAL.
19. ERECT AND MAINTAIN SILT FENCES AT THE DOWNSLOPE SIDE OF DISTURBED AREA DURING CONSTRUCTION.
20. AREAS OUTSIDE THE BOUNDARIES OF THE PROPOSED DEVELOPMENT WILL BE FENCED WITH NO GO FENCING TO KEEP THE AREAS FREE FROM DISTURBANCE OF MACHINERY, PARKED VEHICLES AND WASTE MATERIAL.
21. TREES TO BE RETAINED WITHIN THE CONSTRUCTION AREAS ARE TO BE PROTECTED BY TREE PROTECTION FENCING IN ACCORDANCE WITH THE APPROVED CMP.
22. ESTABLISH A RESTRICTION BOUNDARY AROUND PROTECTED PLANT WITH PARABEY FENCING. TEMPORARILY RELOCATE FENCE TO ALLOW CONSTRUCTION OF REQUIRED WORKS AND RE-ESTABLISH PROTECTION ZONE AFTER WORKS COMPLETES.
23. THE SEDIMENT BASINS WILL REQUIRE MAINTENANCE THROUGHOUT THE CONSTRUCTION PROCESS. ADDITIONALLY, THE SEDIMENT BASINS WILL REQUIRE FLOCCULATION IN ACCORDANCE WITH APPENDIX E OF THE "BLUE BOOK". THE CONTRACTOR IS TO ABIDE BY APPENDIX E OF THE "BLUE BOOK" TO ENSURE ADEQUATE FLOCCULATION OCCURS.
24. THE CONTRACTOR IS TO INSPECT, CLEAN AND REPAIR ALL EROSION AND SEDIMENT CONTROL MEASURES THROUGHOUT THE CONSTRUCTION PERIOD. IT IS EXPECTED THAT THE EROSION AND SEDIMENT CONTROL MEASURES ARE INSPECTED DAILY AS WELL AS AFTER STORM EVENTS BY THE CONTRACTOR. THE CONTRACTOR IS TO CLEAN AND REPAIR EROSION AND SEDIMENT CONTROL MEASURES TO ENSURE THEY ARE ABLE TO COMPLETE THE REQUIRED TASK AS PER FIRST INSTALLATION.
25. EROSION CONTROL SHOWN IS INDICATIVE ONLY AND SHALL BE A GUIDE FOR THE CONTRACTOR TO PREPARE THEIR OWN EROSION CONTROL DOCUMENTATION PRIOR TO CONSTRUCTION.

OLD MAITLAND ROAD

ROAD 01

ROAD 02

EROSION & SEDIMENT CONTROL PLAN

SCALE 1:250

Revised Universal Soil Loss Equation (RUSLE) - Area 1			
Catchment Area (A)	0.85	ha	
Settling Zone			
Runoff Coefficient (Cv)	0.58		Appendix F Section F.3
85th % 5 day Rainfall Event (R)	43.2		Table 8.3a
Settling Zone Volume	212.98	m ³	
Sediment Zone			
Disturbed Site Area (hectares)	0.85	ha	
2 year, 6-hour Rainfall	11.4	mm/hr	
Rational Erosivity Factor, R	2810		
Soil Erodibility Factor, K	0.05		Appendix A, Figure A3
Slope Length Gradient Factor, LS	4.02		Table A1, pg A-9
Erosion Control Practice Factor, P	0.9		Table A2, pg A-11
Cover Factor, C	1		Figure A5, pg A-12
Sediment Zone Volume	106	m ³	
Total Storage Required (Settling + Sediment)	319	m ³	

REV.	DATE	AMENDMENT
A	08/08/23	INITIAL ISSUE
B	04/09/23	GENERAL AMENDMENTS
C	23/09/23	BIN STORAGE LOCATION AMENDED
D	07/05/24	UPDATED ARCHITECTURAL LAYOUT
E	11/11/2024	RAINWATER TANK LOCATION AMENDED
F	5/12/2024	UPDATED ARCHITECTURAL LAYOUT

DESIGN	DRAWN	CHECKED	APPROVED
MP	SZ	ND	ND
MP	SZ	ND	ND
MP	AE	ND	ND
MP	JS	ND	ND
MP	JS	ND	ND

SCALES
A1 1:250
A3 1:500



Central Coast
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email: coast@adwjohnson.com.au
www.adwjohnson.com.au
ABN 62 129 445 398

CLIENT

Central
Coast
Council

PROPERTY DESCRIPTION

LOT 100, D.P.602992
OLD MAITLAND ROAD, MARDI

SURVEYED
Everitt & Everitt

DATUM

GDA2020 M.G.A. ZONE 56 A.H.D.

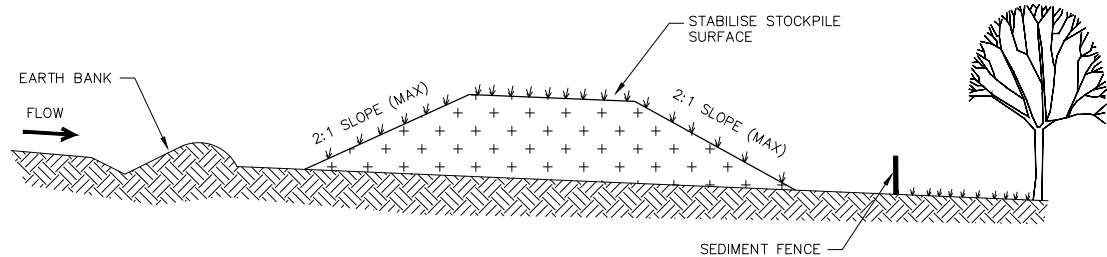
PROJECT

PROPOSED ANIMAL SHELTER

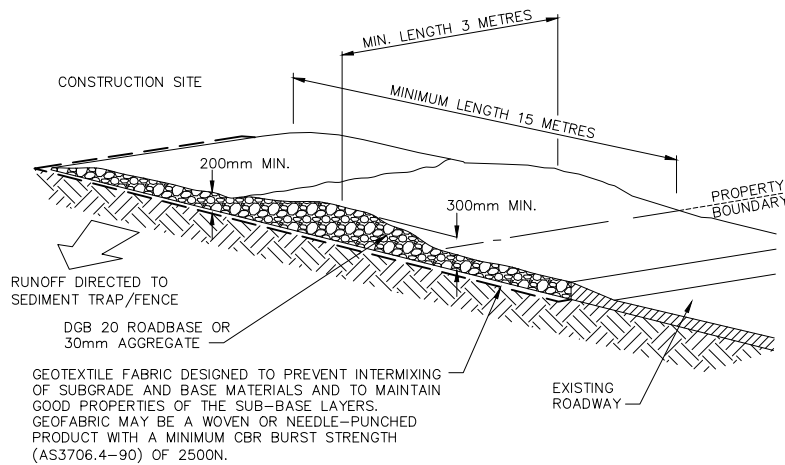
PLAN TITLE

EROSION & SEDIMENT CONTROL PLAN

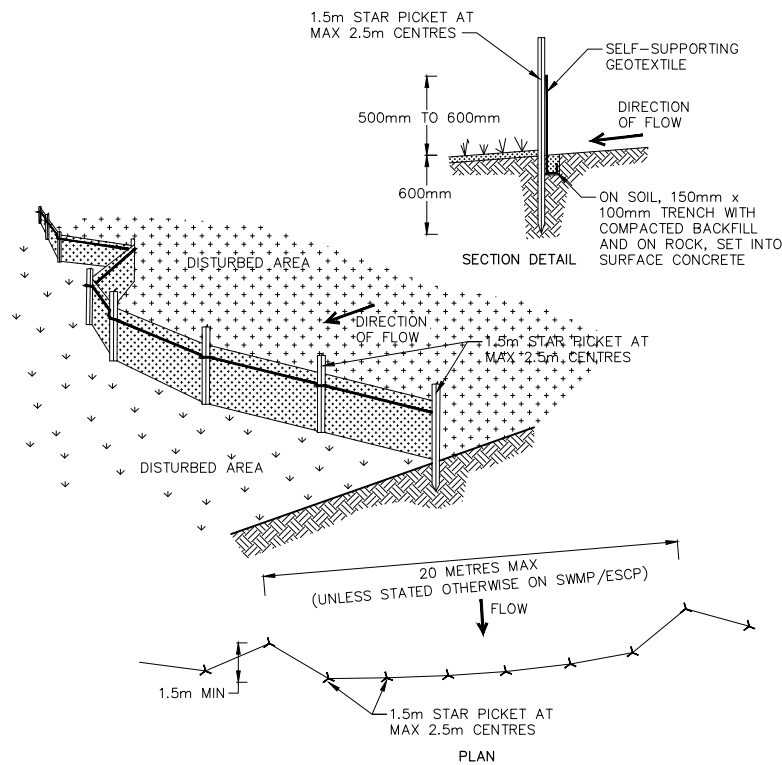
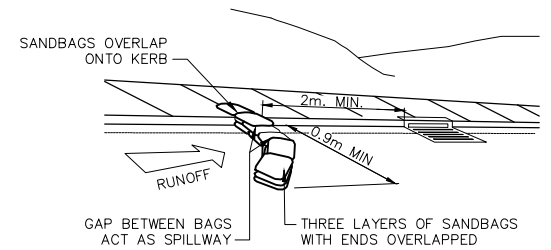
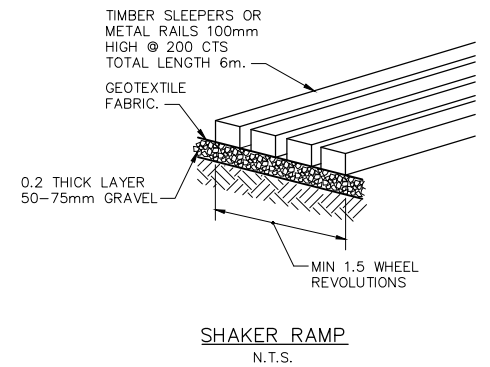
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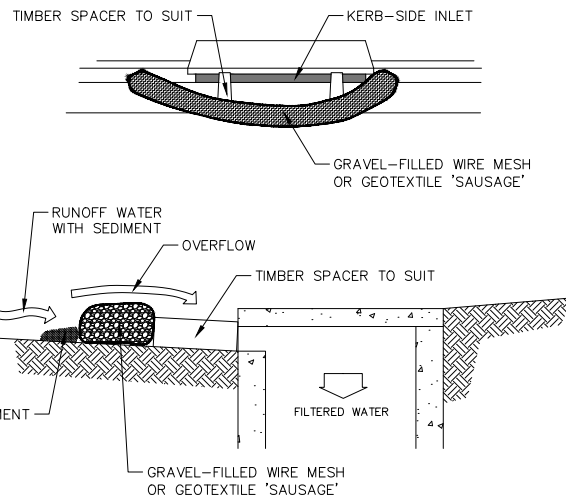
- CONSTRUCTION NOTES:**
1. PLACE STOCKPILES MORE THAN 2 (PREFERABLY 5) METRES FROM EXISTING VEGETATION, CONCENTRATED WATER FLOW, ROADS AND HAZARD AREAS.
 2. CONSTRUCT ON THE CONTOUR AS LOW, FLAT, ELONGATED MOUNDS.
 3. WHERE THERE IS SUFFICIENT AREA, TOPSOIL STOCKPILES SHALL BE LESS THAN 2 METRES IN HEIGHT.
 4. WHERE THEY ARE TO BE IN PLACE FOR MORE THAN 10 DAYS, STABILISE FOLLOWING THE APPROVED ESCP OR SWMP TO REDUCE THE C-FACTOR TO LESS THAN 0.10.
 5. CONSTRUCT EARTH BANKS (STANDARD DRAWING 5-5) ON THE UPSLOPE SIDE TO DIVERT WATER AROUND STOCKPILES AND SEDIMENT FENCES (STANDARD DRAWING 6-8) 1 TO 2 METRES DOWNSLOPE.



- CONSTRUCTION NOTES:**
1. STRIP THE TOPSOIL, LEVEL THE SITE AND COMPACT THE SUBGRADE.
 2. COVER THE AREA WITH NEEDLE-PUNCHED GEOTEXTILE.
 3. CONSTRUCT A 200mm THICK PAD OVER THE GEOTEXTILE USING ROAD BASE OR 30mm AGGREGATE.
 4. ENSURE THE STRUCTURE IS AT LEAST 15 METRES LONG OR TO BUILDING ALIGNMENT AND AT LEAST 3 METRES WIDE.
 5. WHERE A SEDIMENT FENCE JOINS ONTO THE STABILISED ACCESS, CONSTRUCT A HUMP IN THE STABILISED ACCESS TO DIVERT WATER TO THE SEDIMENT FENCE.

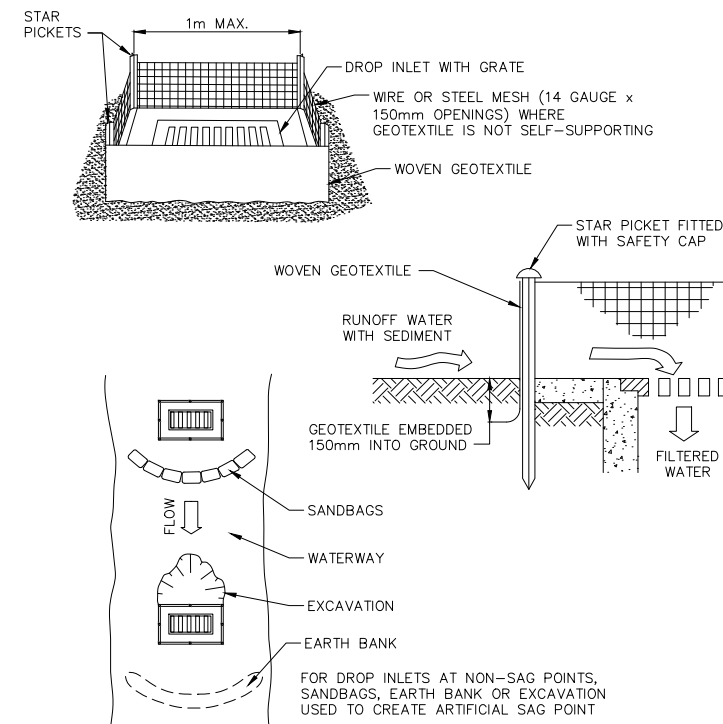


- CONSTRUCTION NOTES:**
1. CONSTRUCT SEDIMENT FENCES AS CLOSE AS POSSIBLE TO BEING PARALLEL TO THE CONTOURS OF THE SITE, BUT WITH SMALL RETURNS AS SHOWN IN THE DRAWING TO LIMIT THE CATCHMENT AREA OF ANY ONE SECTION. THE CATCHMENT AREA SHOULD BE SMALL ENOUGH TO LIMIT WATER FLOW IF CONCENTRATED AT ONE POINT TO 50 LITRES PER SECOND IN THE DESIGN STORM EVENT, USUALLY THE 10-YEAR EVENT.
 2. CUT A 150mm DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED.
 3. DRIVE 1.5m LONG STAR PICKETS INTO GROUND AT 2.5 METRE INTERVALS (MAX) AT DOWNSLOPE EDGE OF THE TRENCH. ENSURE ANY STAR PICKETS ARE FITTED WITH SAFETY CAPS.
 4. FIX SELF-SUPPORTING GEOTEXTILE TO THE UPSLOPE SIDE OF THE POSTS ENSURING IT GOES TO THE BASE OF THE TRENCH. FIX THE GEOTEXTILE WITH WIRE TIES OR AS RECOMMENDED BY THE MANUFACTURER. ONLY USE GEOTEXTILE SPECIFICALLY PRODUCED FOR SEDIMENT FENCING. THE USE OF SHADE CLOTH FOR THIS PURPOSE IS NOT SATISFACTORY.
 5. JOIN SECTIONS OF FABRIC AT A SUPPORT POST WITH A 150mm OVERLAP.
 6. BACKFILL THE TRENCH OVER THE BASE OF THE FABRIC AND COMPACT IT THOROUGHLY OVER THE GEOTEXTILE.



NOTE: THIS PRACTICE ONLY TO BE USED WHERE SPECIFIED IN AN APPROVED SWMP/ESCP.

- CONSTRUCTION NOTES:**
1. INSTALL FILTERS TO KERB INLETS ONLY ONLY AT SAG POINTS.
 2. FABRICATE A SLEEVE MADE FROM GEOTEXTILE OR WIRE MESH LONGER THAN THE LENGTH OF THE INLET PIT AND FILL IT WITH 25mm TO 50mm GRAVEL.
 3. FORM AN ELLIPTICAL CROSS SECTION ABOUT 150mm HIGH x 400mm WIDE.
 4. PLACE THE FILTER AT THE OPENING LEAVING AT LEAST A 100mm SPACE BETWEEN IT AND THE KERB INLET. MAINTAIN THE OPENING WITH SPACER BLOCKS.
 5. FORM A SEAL WITH THE KERB TO PREVENT SEDIMENT BYPASSING THE FILTER.
 6. SANDBAGS FILLED WITH GRAVEL CAN SUBSTITUTE FOR THE MESH OR GEOTEXTILE PROVIDING THEY ARE PLACED SO THAT THEY FIRMLY ABUT EACH OTHER AND SEDIMENT-LADEN WATERS CANNOT PASS BETWEEN.



- CONSTRUCTION NOTES:**
1. FABRICATE A SEDIMENT BARRIER MADE FROM GEOTEXTILE OR STRAW BALES.
 2. REFER STANDARD DRAWINGS 6-7 & 6-8 FOR INSTALLATION PROCEDURES FOR THE STRAW BALES OR GEOFABRIC. REDUCE THE PICKET SPACING TO 1 METRE CENTRES.
 3. IN WATERWAYS, ARTIFICIAL SAG POINTS CAN BE CREATED WITH SANDBAGS OR EARTH BANKS AS SHOWN IN THE DRAWING.
 4. DO NOT COVER THE INLET WITH GEOTEXTILE UNLESS THE DESIGN IS ADEQUATE TO ALLOW FOR ALL WATERS TO BYPASS IT.



NOT FOR CONSTRUCTION

REV.	DATE	AMENDMENT	DESIGN	DRAWN	CHECKED	APPROVED	SCALES	CLIENT	PROPERTY DESCRIPTION	PROJECT
A	08/08/23	INITIAL ISSUE	MP	SZ	ND	ND	NOT TO SCALE	Central Coast Council	LOT 100, D.P.602992 OLD MAITLAND ROAD, MARDI	PROPOSED ANIMAL SHELTER
B	04/09/23	GENERAL AMENDMENTS	MP	SZ	ND	ND				PLAN TITLE
C	23/09/23	BIN STORAGE LOCATION AMENDED	MP	SZ	ND	ND				EROSION & SEDIMENT CONTROL DETAILS
D	07/05/24	UPDATED ARCHITECTURAL LAYOUT	MP	AE	ND	ND				
E	11/11/2024	RAINWATER TANK LOCATION AMENDED	MP	JS	ND	ND				
F	5/12/2024	UPDATED ARCHITECTURAL LAYOUT	MP	JS	ND	ND				

DESIGN FILE	S:\190872\DESIGN\12\ANIMAL CARE FACILITY.project	ALL DIMENSIONS ARE IN METRES. DO NOT SCALE	adw Johnson	Central Coast Council	CLIENT	PROPERTY DESCRIPTION	PROJECT	PROJECT No.	DISCIPLINE	NUMBER	REV.
						LOT 100, D.P.602992 OLD MAITLAND ROAD, MARDI	PROPOSED ANIMAL SHELTER	190872	CENG	611	F

LEGEND

LIMIT OF WORKS BOUNDARY

EXISTING LOT BOUNDARY

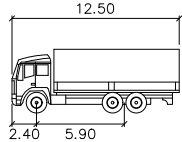
PROPOSED KERB

EXISTING KERB

EXTENTS OF BATTER

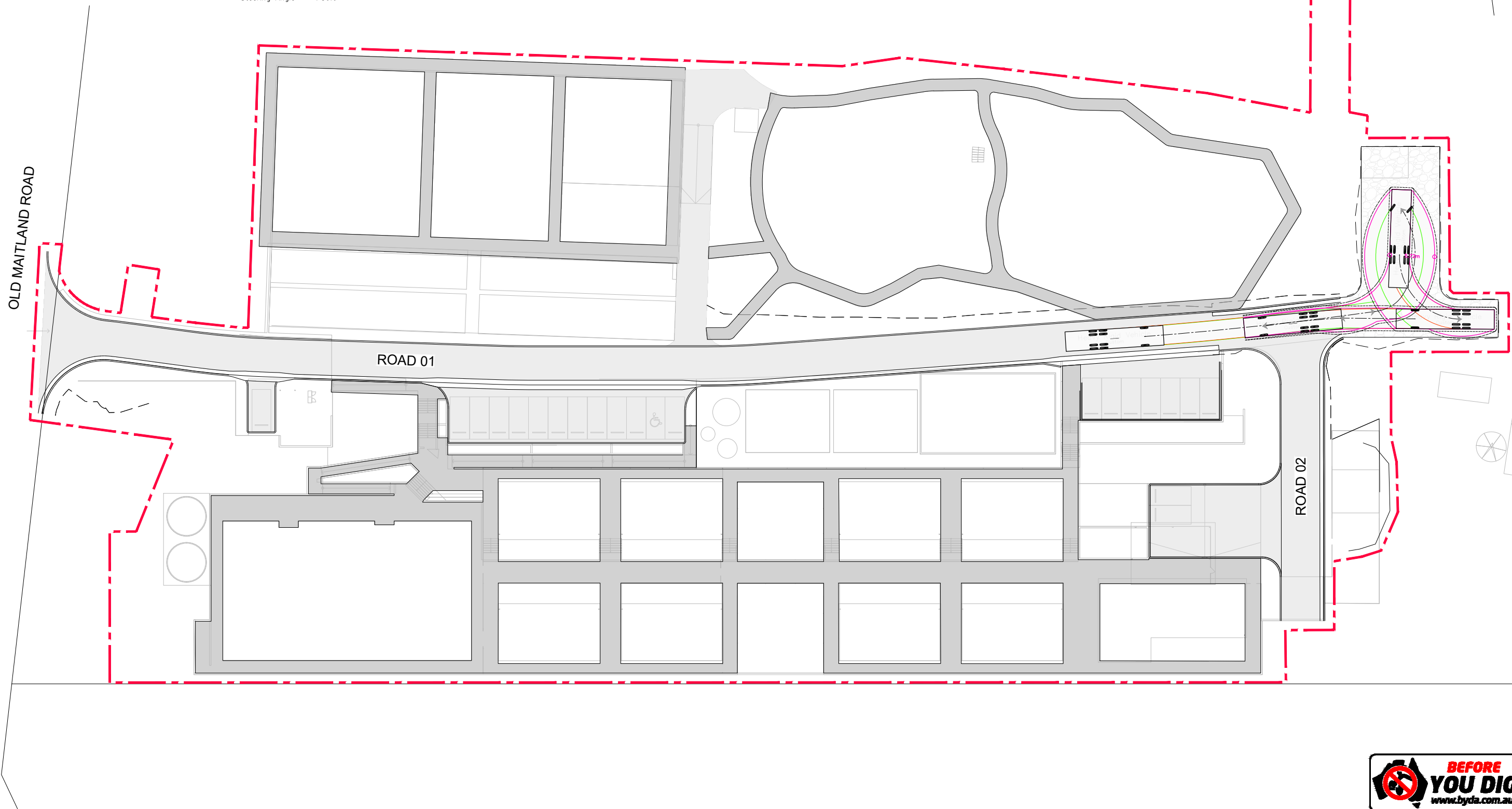
PROPOSED ROAD PAVEMENT

PROPOSED FOOTPATH



Heavy Rigid Vehicle
meters
Width : 12.50
Track : 2.40
Lock to Lock Time : 6.0
Steering Angle : 36.6

100
D.P.602992



VEHICLE SWEEP PATH PLAN
SCALE 1:250



NOT FOR CONSTRUCTION

REV.	DATE	AMENDMENT	DESIGN	DRAWN	CHECKED	APPROVED	SCALES								
A	08/08/23	INITIAL ISSUE	MP	SZ	ND	ND	<div><div>A1 0 5.0 10.0 12.5m A3 1:500</div></div>								
B	04/09/23	GENERAL AMENDMENTS	MP	SZ	ND	ND									
C	23/09/23	BIN STORAGE LOCATION AMENDED	MP	SZ	ND	ND									
D	07/05/24	UPDATED ARCHITECTURAL LAYOUT	MP	AE	ND	ND									
E	11/11/2024	RAINWATER TANK LOCATION AMENDED	MP	JS	ND	ND									
F	5/12/2024	UPDATED ARCHITECTURAL LAYOUT	MP	JS	ND	ND									

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ALL DIMENSIONS ARE IN METRES. DO NOT SCALE

adw

Johnson

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ABN 62 129 445 398

CLIENT

Central Coast Council

PROPERTY DESCRIPTION

LOT 100, D.P.602992
OLD MAITLAND ROAD, MARDI

PROJECT

PROPOSED ANIMAL SHELTER

PLAN TITLE

VEHICLE SWEEP PATH PLAN

SURVEYED

Everitt & Everitt

DATUM

GDA2020 M.G.A. ZONE 56 A.H.D.

PROJECT No.

190872

DISCIPLINE

CENG

NUMBER

701

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