

NOTES:

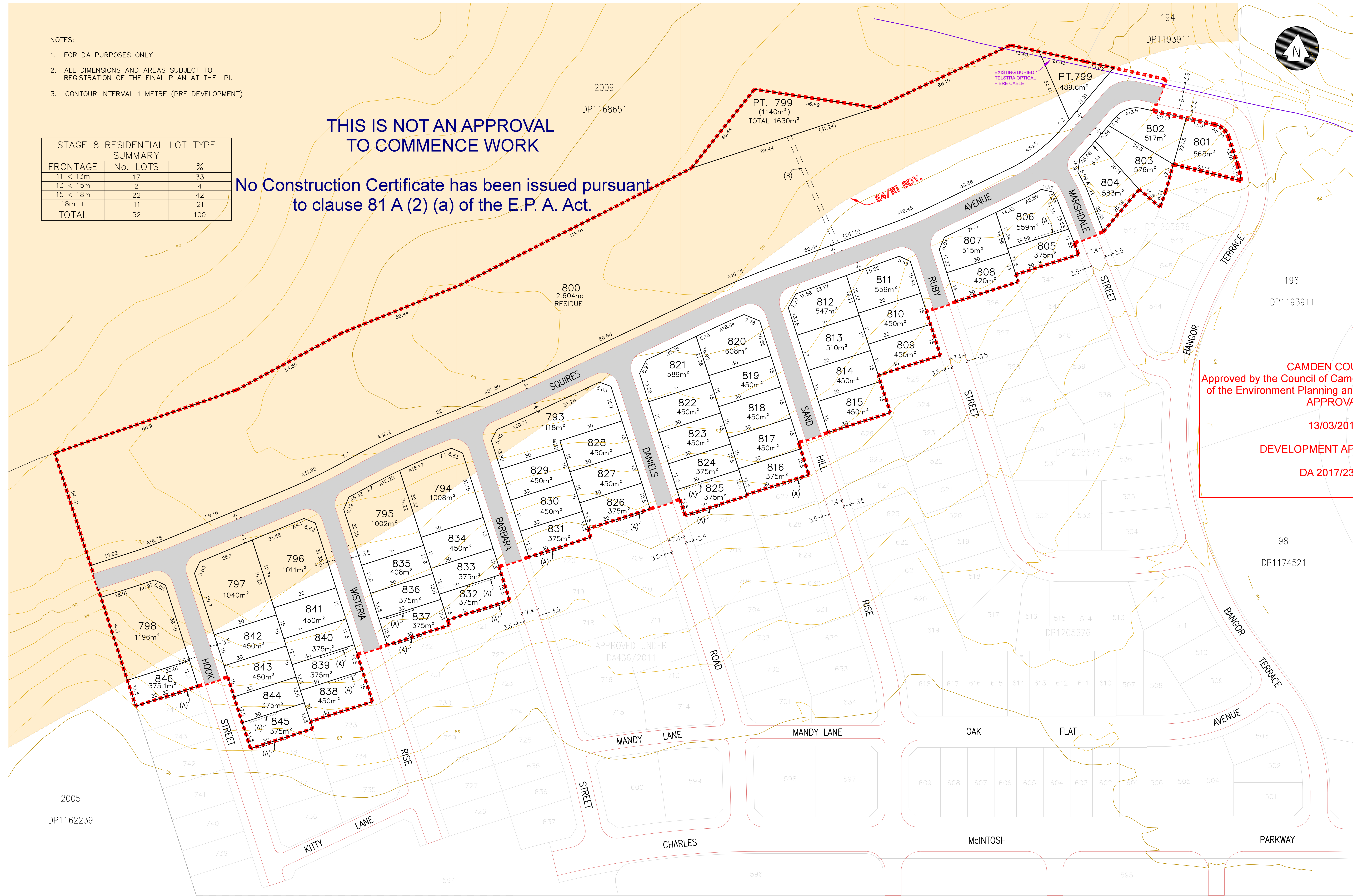
1. FOR DA PURPOSES ONLY
2. ALL DIMENSIONS AND AREAS SUBJECT TO REGISTRATION OF THE FINAL PLAN AT THE LPI.
3. CONTOUR INTERVAL 1 METRE (PRE DEVELOPMENT)

STAGE 8 RESIDENTIAL LOT TYPE SUMMARY		
FRONTAGE	No. LOTS	%
11 < 13m	17	33
13 < 15m	2	4
15 < 18m	22	42
18m +	11	21
TOTAL	52	100

THIS IS NOT AN APPROVAL
TO COMMENCE WORK

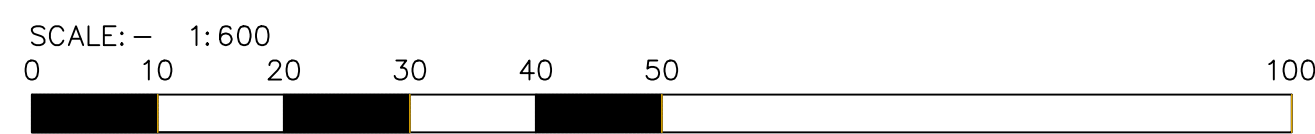
No Construction Certificate has been issued pursuant
to clause 81 A (2) (a) of the E.P. A. Act.

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APPROVAL
13/03/2019
DEVELOPMENT APPLICATION
DA 2017/234/1



DIAL BEFORE YOU DIG
SHOULD BE CONTACTED
PRIOR TO ANY EXCAVATION ON SITE

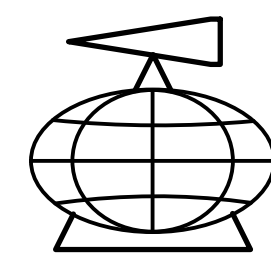
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- (A) PROPOSED EASEMENT FOR SUPPORT AND MAINTENANCE 0.9 WIDE
(NOM. 3.5m BACK FROM STREET FRONTAGE AND 13m LONG)
- (B) EASEMENT FOR ACCESS 2 WIDE

1
DP1214170

DATE	REVISIONS	BY



YSCO GEOMATICS
LAND & ENGINEERING SURVEYING
PROJECT MANAGEMENT
SOIL AND WATER MANAGEMENT
ENVIRONMENTAL PLANNING & DESIGN

GEOMATIC ENGINEERING
LAND & ENGINEERING SURVEYING
PROJECT MANAGEMENT
SOIL AND WATER MANAGEMENT
ENVIRONMENTAL PLANNING & DESIGN

PLAN OF PROPOSED STAGE 8 OF THE ARCADIAN HILLS ESTATE, COBBITTY. BEING A SUBDIVISION OF LOT 745 IN UNREGISTERED DP123106 CAMDEN LGA			
DRAWN: 19 OCT. 2018	CHECKED: 19 OCT. 2018	SCALE: 1:600 @ A0	DATUM: AHD
		REFERENCE: 1411/80F SHT 1 OF 2 SHTS	

NOTES:

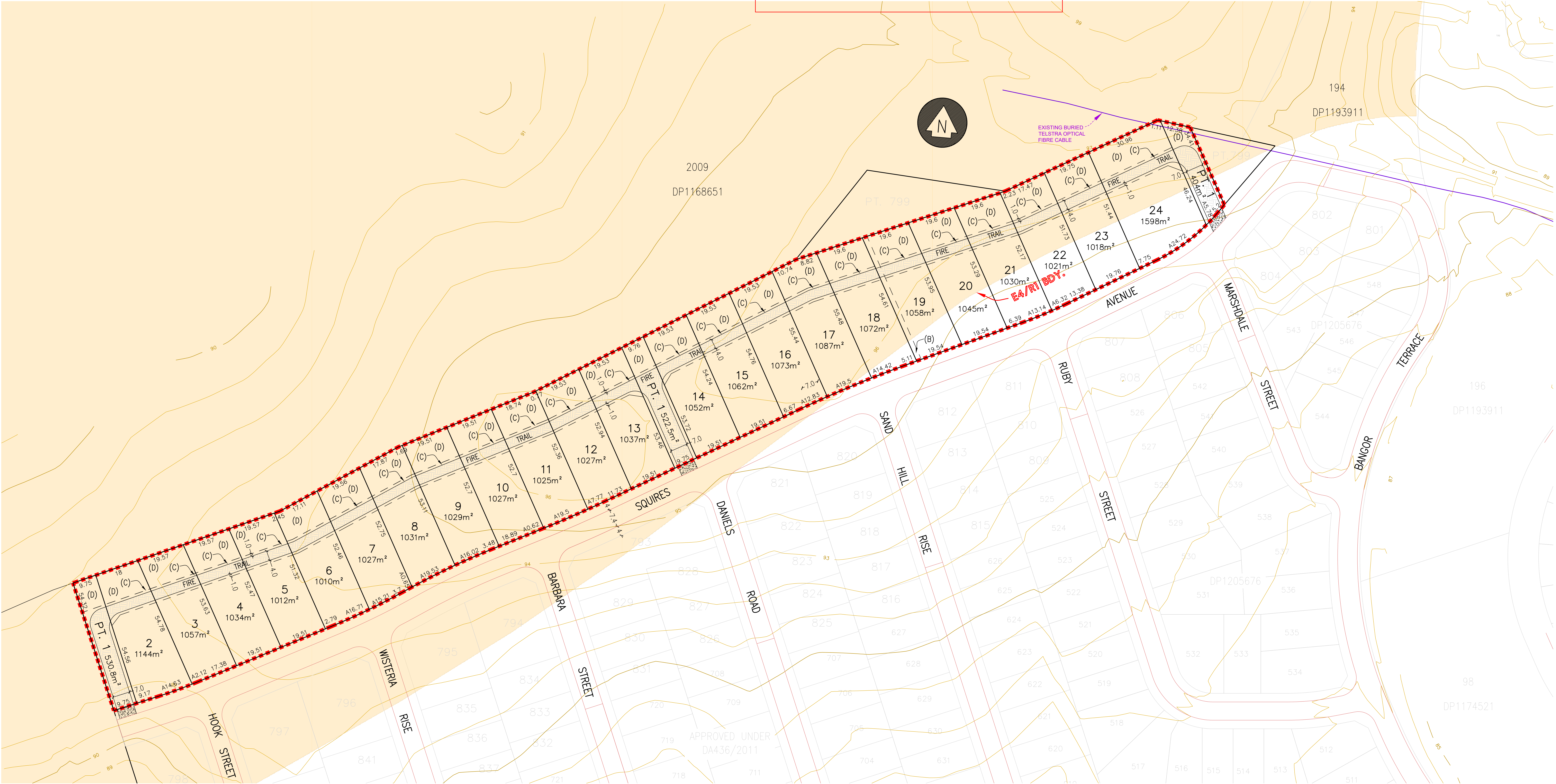
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3. CONTOUR INTERVAL 1 METRE (PRE DEVELOPMENT)

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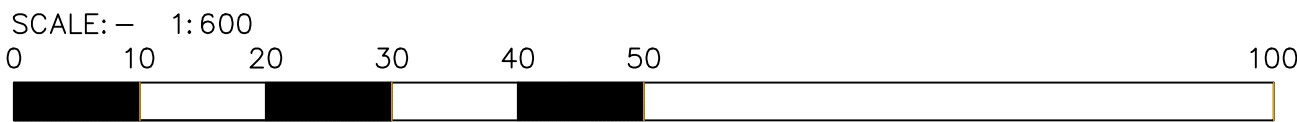
NOTES

- TOTAL AREA OF PROPOSED COMMUNITY LOT 1 IS 1,457.3 SQ.M
- (B) EASEMENT FOR ACCESS 2 WIDE
- (C) RIGHT OF CARRIAGEWAY 6 WIDE AND VARIABLE (FIRE TRAIL)
- (D) RESTRICTION ON THE USE OF LAND (FOR LANDSCAPED MOUND)

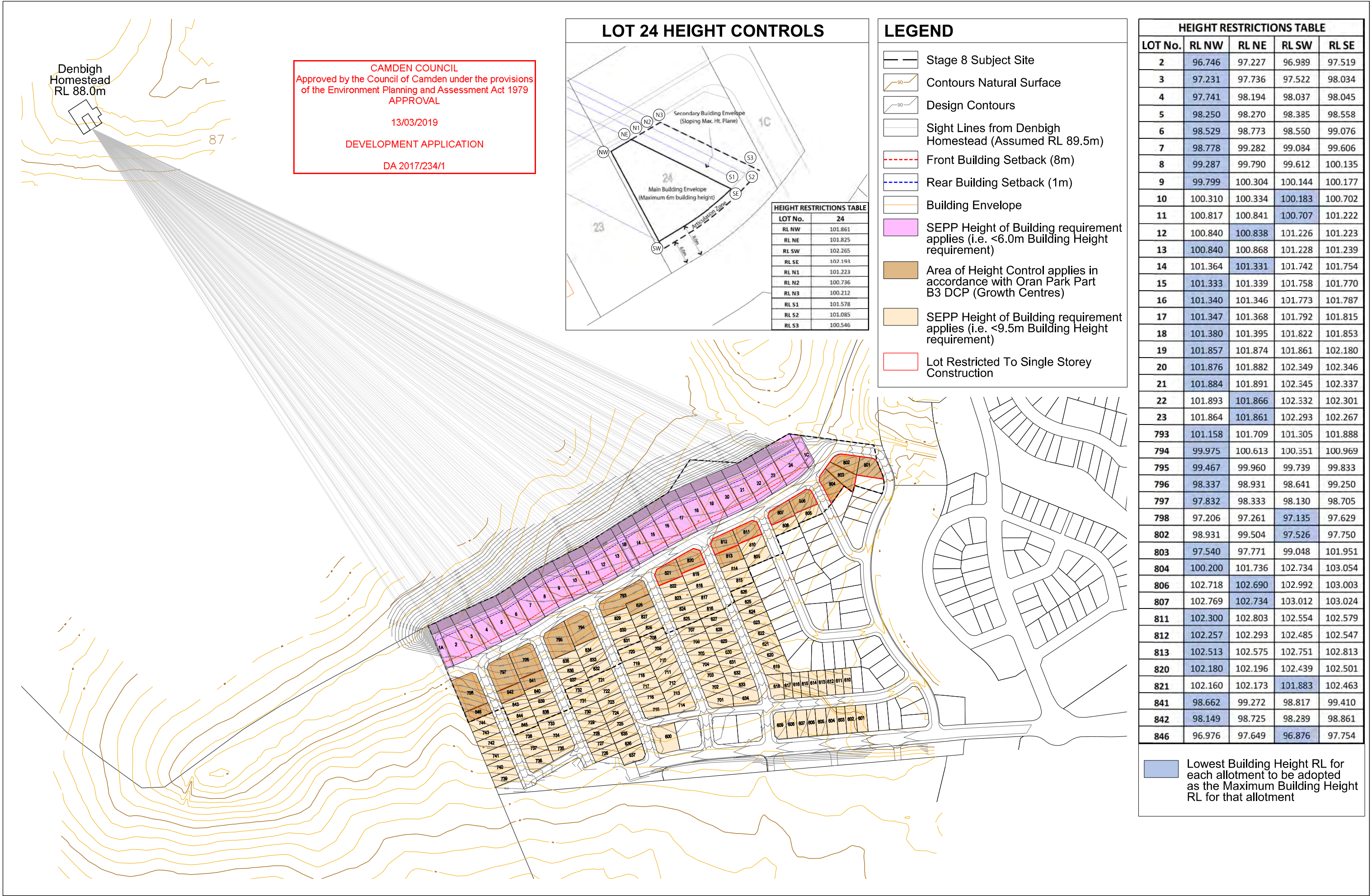


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			 YSCO GEOMATICS LAND RESOURCE CONSULTANTS SUITE 4, 114 HAMPSHIRE ROAD, ARTARMON, 2054 PH: (02) 94198222 FAX: (02) 94194762 Email: enquiries@yscogeomatics.com.au Website: www.yscogeomatics.com.au YOUNG STRONCK & COMPANY PTY LTD A.C.N. 002 819 985	GEOMATIC ENGINEERING LAND & ENGINEERING SURVEYING PROJECT MANAGEMENT SOIL AND WATER MANAGEMENT ENVIRONMENTAL PLANNING & DESIGN  Land & Surveying Approved under Professional Statutory Legislation	PLAN OF PROPOSED STAGE 11 OF THE ARCADIAN HILLS ESTATE, COBBITTY. BEING A COMMUNITY TITLE SUBDIVISION OF PART OF LOT 745 IN UNREGISTERED DP123106 CAMDEN LGA			
DATE	REVISIONS	BY		DRAWN: 19 OCT. 2018	CHECKED: 19 OCT. 2018	SCALE: 1:600 @ A0	DATUM: AHD	REFERENCE: 1411/80F SHT 2 OF 2 SHTS



Height Restriction Area Plan
ARCADIAN HILLS

NOTES

1. All RLs to be confirmed by survey.



Rural style fencing and landscaping along ridge line interface



Increase front and side setbacks to dwellings



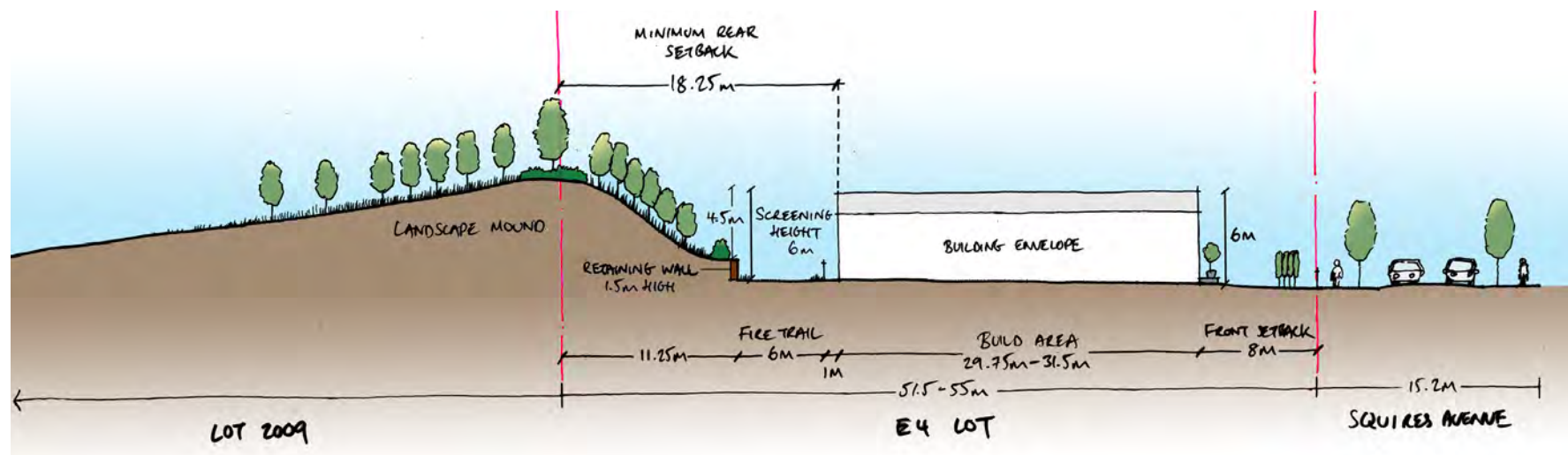
Clearly identify dwelling driveway entrance with letterbox, gate and hedging structures



Rural fencing on lot boundaries



Opportunity for rural style streetscape



A-A Section



Rural style dwellings

Photo sourced from Barrington Homes

Fire Trail Interface ARCADIAN HILLS

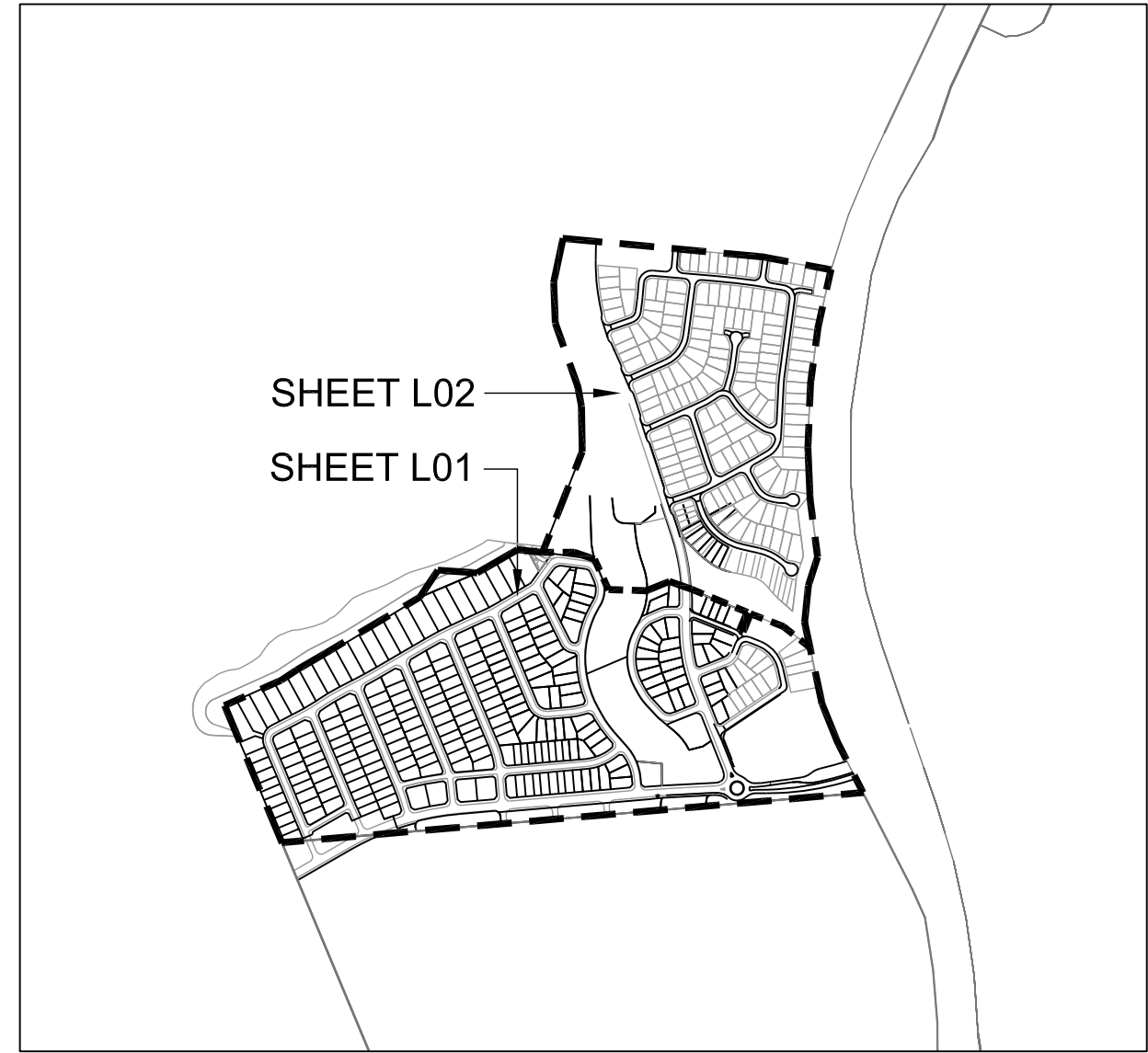


Ref: AVJDB-01-010 Date: 24/10/2018 Revision: B Scale: N.T.S

Note: All areas and dimensions subject to detailed survey

P (02) 9290 3636
 E admin@dp-aus.com.au
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 PO Box 1778 SYDNEY NSW 2001
 Suite 801 / 171 Clarence Street SYDNEY NSW 2000

design+
 PLANNING



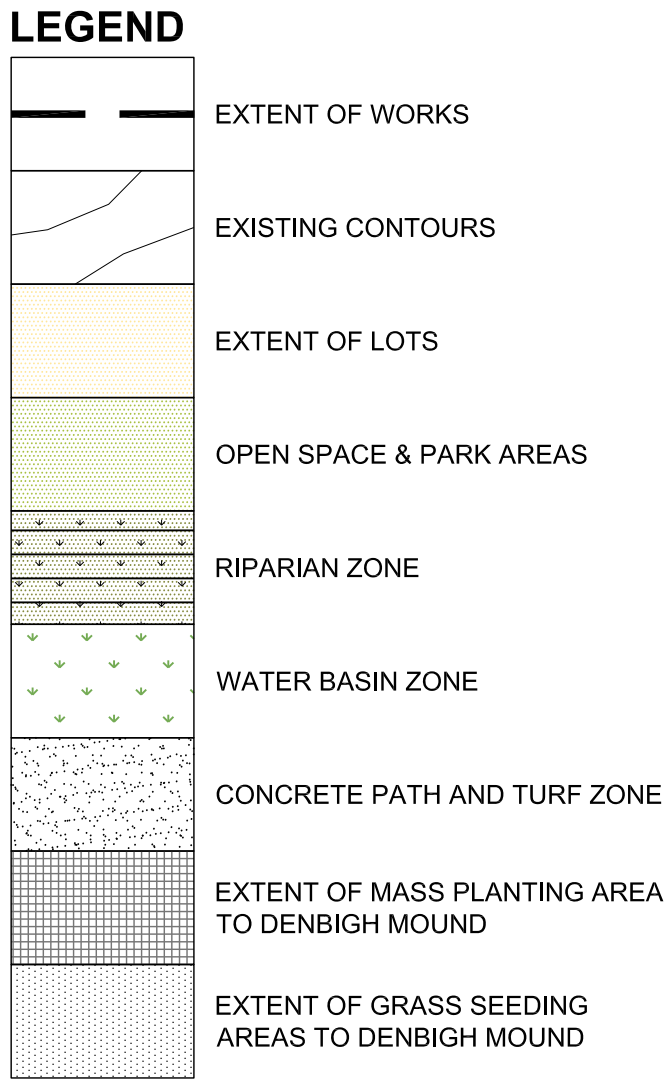
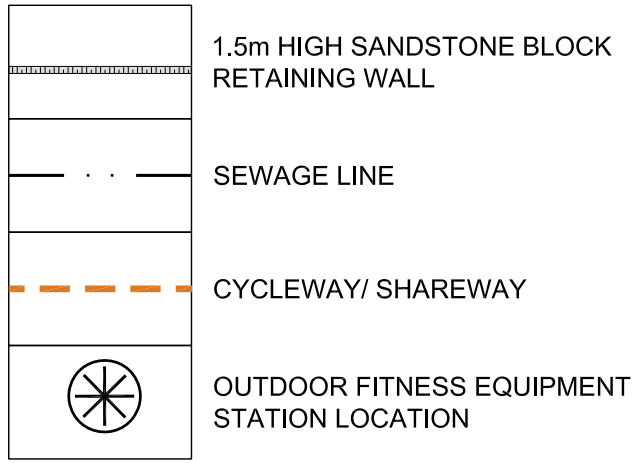
COBBITY DEVELOPMENT
SCALE 1:10 000

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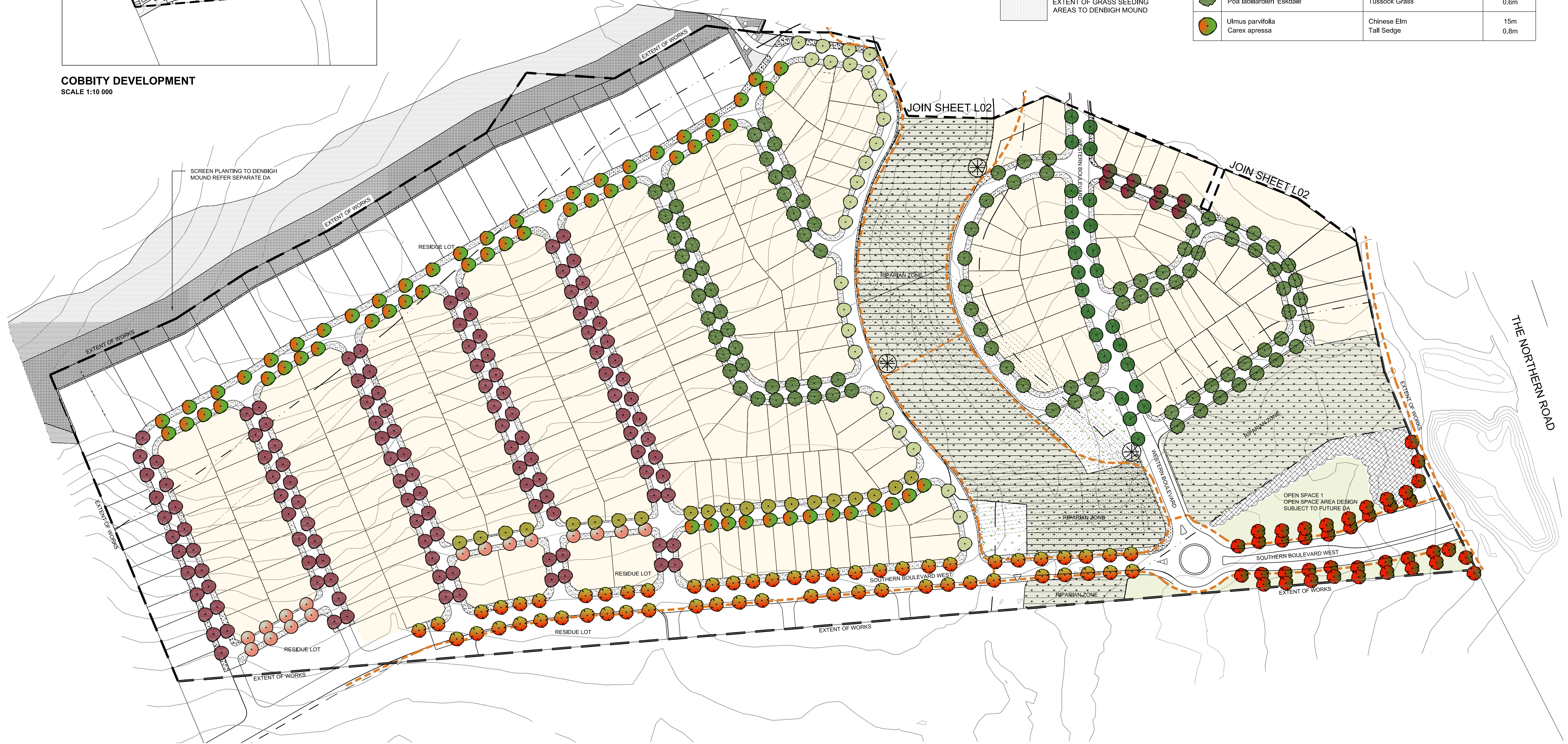
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DEVELOPMENT APPLICATION

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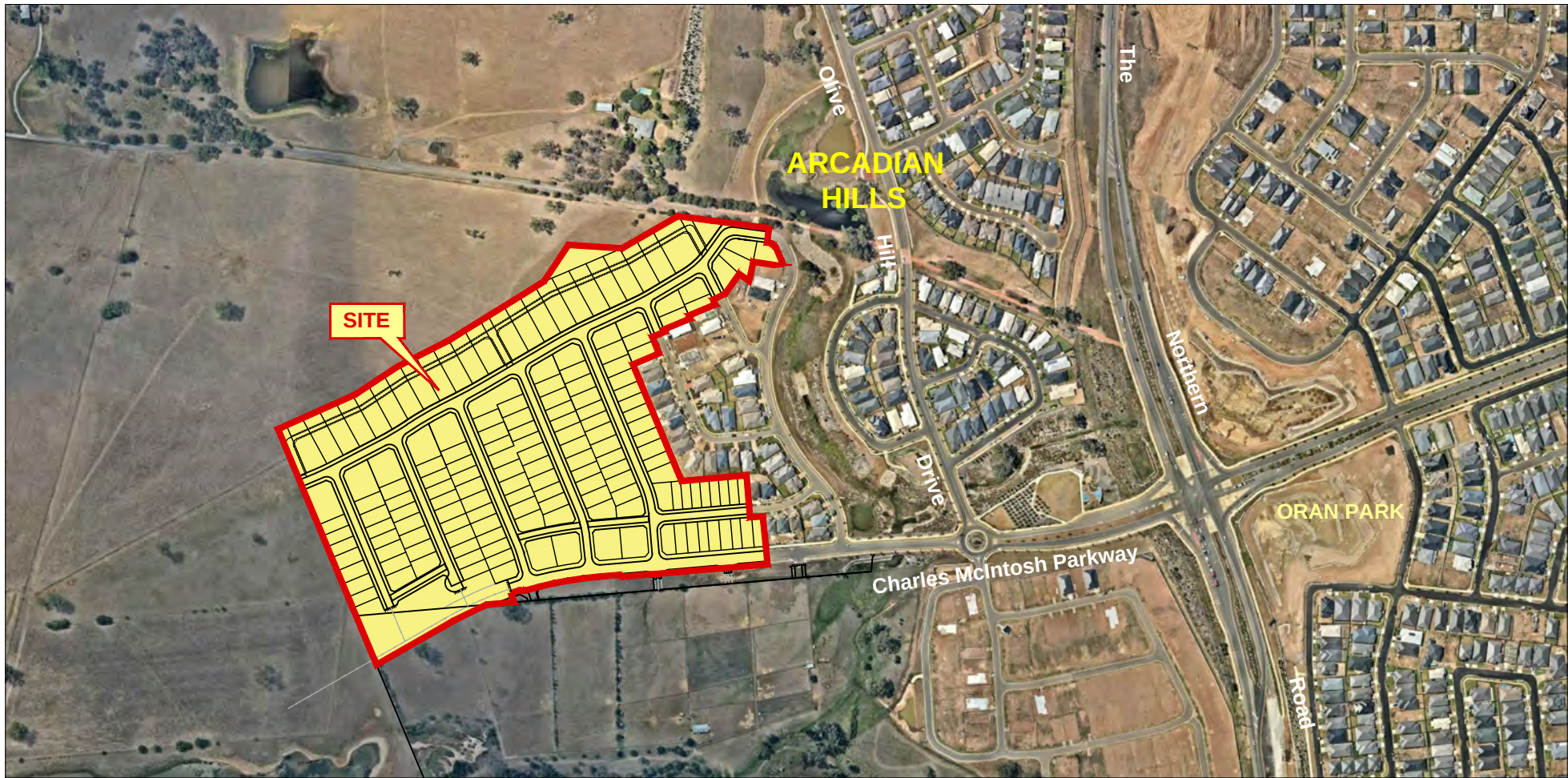
INDICATIVE PLANT SCHEDULE			
SYM	BOTANICAL NAME	Common Name	Mature Height
STREET TREES			
	Brachychiton populnea	Kurrajong, Bottle Tree	12m
	Isolepis nodosa	Knobby Club-Rush	8.0m
	Lagerstroemia indica x L. fauriei 'Biloxi'	Crepe Myrtle	8m
	Juncus usitatus	Common Rush	0.8m
	Lophostemon confertus	Brush Box	15m
	Dianella revoluta 'Breeze'	Flax Lilly	0.7m
	Melaleuca linariifolia	Snow-in-Summer	8m
	Juncus usitatus	Common Rush	0.8m
	Pyrus calleryana 'chanticleer'	Gallery Pear	10m
	Hemerocallis Species	Day Lilly	0.7m
	Quercus palustris	Pin Oak	20m
	Carex apressa	Tall Sedge	0.8m
	Syzigium paniculatum	Magenta cherry	15m
	Lomandra longifolia 'Tanika'	Lomandra	0.5m
	Tristaniopsis Laurina 'Luscious'	Luscious	10m
	Poa labillardieri 'Eskdale'	Tussock Grass	0.6m
	Ulmus parvifolia	Chinese Elm	15m
	Carex apressa	Tall Sedge	0.8m



COBBITTY LOT 2006

STAGES 6, 7 & 8

FOR DEVELOPMENT APPLICATION



LOCALITY PLAN
N.T.S.

LGA CAMDEN COUNCIL

DRAWING LIST

NO.	DRAWING TITLE
GENERAL	
000	COVER SHEET
001	GENERAL ARRANGEMENT PLAN
002	SHEET LAYOUT PLAN
003	GENERAL NOTES & LEGEND
SEDIMENT & EROSION CONTROL	
101	SOIL & WATER MANAGEMENT PLAN
102	BASIN CATCHMENT PLAN
SITE REGRADING	
201	BULK EARTHWORKS PLAN 01 OF 03
202	BULK EARTHWORKS PLAN 02 OF 03
203	BULK EARTHWORKS PLAN 03 OF 03
204	SWALE No.01 PLAN & LONGITUDINAL SECTION
205	BULK EARTHWORKS SITE SECTION 1
206	BULK EARTHWORKS SITE SECTION 2
207	BULK EARTHWORKS SITE SECTION 3
208	BULK EARTHWORKS SITE SECTION 4
ENGINEERING PLAN	
301	ENGINEERING PLAN 01 OF 03
302	ENGINEERING PLAN 02 OF 03
303	ENGINEERING PLAN 03 OF 03
ROAD LONGITUDINAL SECTIONS	
401	ROAD No. 01 LONGITUDINAL SECTIONS
402	ROADS No. 02, 03 & 04 LONGITUDINAL & TYPICAL CROSS SECTIONS
403	ROADS No. 05 & 06 LONGITUDINAL & TYPICAL CROSS SECTIONS
404	ROADS No. 07, 08 & 09 LONGITUDINAL & TYPICAL CROSS SECTIONS
405	SOUTHERN BLVD. WEST, ROAD No.10 & 11 LONGITUDINAL & TYPICAL CROSS SECTIONS
406	ROADS No. 12, 15, 16 & SOUTHERN BLVD. WEST LONGITUDINAL & TYPICAL CROSS SECTIONS
407	FIRE TRAIL 1 AND 2 LONGITUDINAL

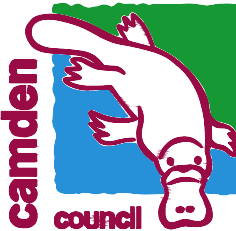
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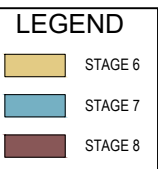
DEVELOPMENT APPLICATION

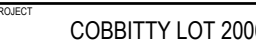
DA 2017/234/1

CLIENT:



COBBITTY LOT 2006
STAGES 6, 7 & 8



AMENDMENTS	DESIGN	DRAWN	CHECK	APPD.	DATE	AMENDMENT DETAILS	STATUS	FOR DEVELOPMENT APPLICATION	SCALE	CLIENT			PROJECT	COBBITTY LOT 2006 STAGES 6, 7 & 8	DRAWING TITLE	GENERAL ARRANGEMENT PLAN		
	1	VC	PS	LF	SAG												23/02/2017	CLIENT AMENDMENTS
	2	VC	PS	LF	SAG												22/02/2017	CLIENT AMENDMENTS
	3	LF	LF	RC	SAG												12/04/2017	STAGE 8 LOT LAYOUT CHANGES
	4	LF	JS	RC	JM												12/11/2018	CLIENT AMENDMENTS
							AUTHORISED FOR ISSUE:		0 10 20 30 40 50 60 70 80									
							BY: JOSEPH MEKARY	SIGN: 	SCALE 1:1000 (A1)		SCALE 1:2000 (A3)		© 2017		www.calibreconsulting.co			
							BE (Civil) (Hons) MIEAust. MBA MPM JP	DATE: 13/11/18					DISCLAIMER		PROJECT No.		DRAWING No.	
													ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY. DO NOT SCALE. NOT FOR CONSTRUCTION UNLESS STAMPED BY CERTIFYING AUTHORITY		001		STAGE	
															X10266.12		6, 7 & 8	
																	REVISION	
																	3	



CAMDEN COUNCIL

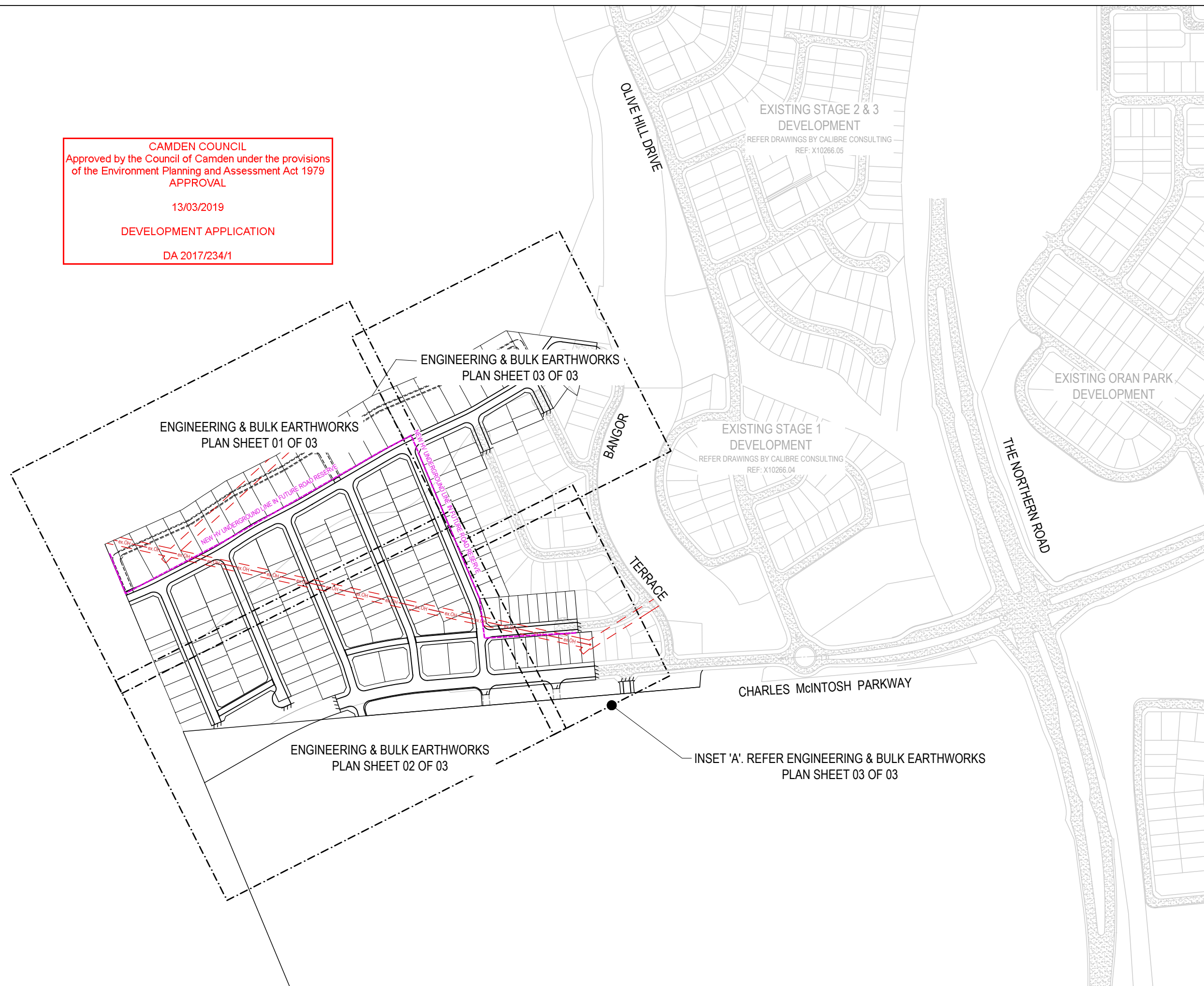
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APPROVAL

13/03/2019

DEVELOPMENT APPLICATION

DA 2017/234/1

[illegible]

GENERAL NOTES

GENERAL

- G1. ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH CAMDEN COUNCIL ENGINEERING DESIGN AND ENGINEERING CONSTRUCTION SPECIFICATIONS AND TO THE REQUIREMENTS OF THE CERTIFYING AUTHORITY.
- G2. INSPECTIONS BY CERTIFYING AUTHORITY ARE REQUIRED AT THE FOLLOWING STAGES AND THE WORKS APPROVED PRIOR TO CONTINUANCE OF ANY FUTURE WORK:
- (A) FOLLOWING INSTALLATION OF EROSION AND SEDIMENT CONTROL STRUCTURES/MEASURES.
- (B) PRIOR TO BACKFILLING PIPELINES, SUBSOIL DRAINS AND DAMS.
- (C) PRIOR TO CASTING OF PITS AND OTHER CONCRETE STRUCTURES, INCLUDING KERB AND GUTTER BUT FOLLOWING PLACEMENT OF FOOTINGS, FORMWORK, AND REINFORCEMENT.
- (D) PRIOR TO PLACEMENT OF SUB BASE AND ALL SUBSEQUENT PAVEMENT LAYERS, A PROOF ROLLER TEST OF EACH PAVEMENT LAYER IS REQUIRED.
- (E) FORMWORKS PRIOR TO POURING CONCRETE IN PARKING AREA FOR FOOTPATH CROSSING AND OTHER ASSOCIATED WORK.
- (F) PRIOR TO BACKFILLING PUBLIC UTILITY CROSSINGS IN ROAD RESERVES.
- (G) FINAL INSPECTIONS AFTER ALL WORKS ARE COMPLETED AND 'WORKS AS EXECUTED' PLANS HAVE BEEN SUBMITTED TO COUNCIL.
- G3. NO TREES ARE TO BE REMOVED UNLESS APPROVAL IS GRANTED BY COUNCIL'S LANDSCAPE COMPLIANCE OFFICER OR AS AUTHORISED BY DEVELOPMENT CONSENT.
- G4. MAKE SMOOTH JUNCTIONS WITH EXISTING WORKS.
- G5. NO WORK IS TO BE CARRIED OUT ON COUNCIL PROPERTY OR ADJOINING PROPERTIES WITHOUT THE WRITTEN PERMISSION FROM THE OWNER/S.
- G6. VEHICULAR ACCESS AND ALL UTILITIES/SERVICES ARE TO BE MAINTAINED AT ALL TIMES TO ADJOINING PROPERTIES AFFECTED BY CONSTRUCTION.
- G7. ALL RUBBISH, BUILDINGS, SHEDS AND FENCES TO BE REMOVED TO SATISFACTION OF COUNCIL'S ENGINEER.
- G8. COUNCIL ENGINEERS HAVE DISCRETION TO VARY, AS CONSIDERED NECESSARY, THE ENGINEERING REQUIREMENTS IN RESPECT OF A PARTICULAR SUBDIVISION OR DEVELOPMENT HAVING REGARD TO THE SITE CONTEXT.

EARTHWORKS

- E1. EARTHWORKS ARE TO BE CARRIED OUT TO THE SATISFACTION OF THE COUNCIL. UNSUITABLE MATERIALS ARE TO BE REMOVED FROM ROADS AND LOTS PRIOR TO FILLING. THE CONTRACTOR IS TO ARRANGE AND MAKE AVAILABLE COMPACTION TESTING RESULTS FOR ALL AREAS THAT CONTAIN FILL IN EXCESS OF 200mm.
- E2. COMPACTION OF EARTHWORKS SHALL CONTINUE UNTIL A DRY DENSITY RATIO OF 95% FOR SITE FILLING AND 100% FOR ROAD PAVEMENT SUBGRADES HAS BEEN ACHIEVED IN ACCORDANCE WITH TEST METHOD AS1289.5.3.1 OR AS.1289.5.1.1. THE CONTROL TESTING OF EARTHWORKS SHALL BE IN ACCORDANCE WITH THE GUIDELINES IN AS3798 'GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS'. WHERE IT IS PROPOSED TO USE TEST METHOD AS1289.5.8.1 TO DETERMINE THE FIELD DENSITY, A SAND REPLACEMENT METHOD SHALL BE USED TO CONFIRM THE RESULTS.
- E3. THE SUITABLE QUALIFIED GEOTECHNICAL ENGINEER, SHALL HAVE A LEVEL 1 RESPONSIBILITY FOR ALL FILLING AS DEFINED IN APPENDIX B AS3798 'GUIDELINES ON EARTHWORKS FOR COMMERCIAL AND RESIDENTIAL DEVELOPMENTS', AND AT THE END OF THE WORKS SHALL CONFIRM THE EARTHWORKS COMPLY WITH THE REQUIREMENTS OF THE SPECIFICATION AND DRAWINGS BY WRITTEN NOTIFICATION.
- E4. IN AREAS TO BE FILLED WHERE THE SLOPE OF THE NATURAL SURFACE EXCEEDS 1(V):4(H), BENCHES ARE TO BE CUT TO PREVENT SLIPPING OF THE PLACED FILL MATERIAL AS REQUIRED BY THE COUNCIL.
- E5. ALL BATTERS ARE TO BE SCARIFIED TO A DEPTH OF 50mm TO ASSIST WITH ADHESION OF TOP SOIL TO BATTER FACE.
- E6. PROVIDE MINIMUM 150mm AND MAXIMUM 300mm TOPSOIL ON FOOTPATHS, FILLED AREAS AND ALL OTHER AREAS DISTURBED DURING CONSTRUCTION. TOPSOILED AREAS TO BE STABILISED WITH APPROVED VEGETATION A MAXIMUM OF 14 DAYS AFTER TOPSOILING AND ARE TO BE WATERED TO ENSURE GERMINATION.
- E7. THE CONTRACTOR SHALL CONTROL SEDIMENTATION, EROSION AND POLLUTION DURING CONSTRUCTION IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT EDITION OF 'MANAGING URBAN STORMWATER: SOILS AND CONSTRUCTION' PRODUCED BY LANDCOM.
- E8. A MINIMUM 1m WIDE, CONTINUOUS STRIP OF COUCH GRASS SHALL BE PLACED BEHIND THE BACK OF ALL KERBS & OTHER CONCRETE STRUCTURES IMMEDIATELY AFTER THE COMPLETION OF THE FOOTPATH GRADING OR OTHER ELEMENTS AS APPLICABLE, AND SHALL BE MAINTAINED AND REPLACED AS REQUIRED DURING THE CONSTRUCTION MAINTENANCE PERIOD.

CALIBRE CONSULTING GENERAL

- CG1. SURVEY SOURCED FROM:
-SURVEYOR: YSCO
-FILE:STAGES5WAE.dwg
- CG2. CONTRACTOR IS TO ENSURE THAT ALL WORKS ASSOCIATED WITH PROPERTY BOUNDARIES ARE TO BE SET OUT OR VERIFIED BY A REGISTERED SURVEYOR

ROADWORKS

- R1. SUBGRADES AND SUB BASES ARE TO BE COMPACTED IN ACCORDANCE WITH COUNCIL'S CONSTRUCTION SPECIFICATION.
- R2. SUBSOIL DRAINS TO BE PROVIDED ON BOTH SIDES OF ROADS (EXCEPT WHERE THERE IS STORMWATER DRAINAGE).
- R3. 150 x 50 H.D. GALVANISED STEEL KERB OUTLETS TO BE PLACED IN ALL KERB TYPES ON LOW SIDE OF LOTS. PROVIDE SUITABLE ADAPTOR TO ALLOW CONNECTION OF 90mm DIAMETER STORMWATER PIPE.
- R4. LIPLESS PERAMBULATOR CROSSINGS ARE TO BE PROVIDED IN ALL KERB RETURNS AND WHERE REQUIRED BY COUNCIL.
- R5. SERVICE CONDUITS TO BE PLACED AS DIRECTED BY ALL PUBLIC UTILITY AUTHORITIES INCLUDING INTEGRAL ENERGY, TELSTRA AND SYDNEY WATER
- R6. PROPOSED UTILITIES AND SERVICES CROSSING EXISTING ROADS SHALL BE PROVIDED FOR USING A TRENCHLESS TECHNIQUE SO AS NOT TO DAMAGE THE EXISTING SURFACE. ALL SERVICE CONDUITS UNDER ROADS MUST BE LAID TO A MINIMUM DEPTH OF 750mm.
- R7. CONCRETE FOOTPATH CONSTRUCTION IS TO BE BONDED WITH COUNCIL PENDING COMPLETION OF UTILITY/SERVICES AND SURROUNDING DWELLINGS.
- R8. ALL TEMPORARY ROADS MUST BE TEMPORARILY SEALED WITH A SINGLE COAT FLUSH SEAL.
- R9. ALL PERMANENT ROADS MUST BE SEALED WITH A SINGLE COAT FLUSH SEAL AND 50mm OF AC TO BE APPLIED IN TWO 25mm THICK LAYERS. THE FINAL AC LAYER IS TO BE AC 10 AND IS TO BE BONDED WITH COUNCIL AND PLACED FOLLOWING APPROVAL FROM COUNCIL.
- R10. SIGNPOSTING AND LINE MARKING SHALL CONFORM TO AS1742.2 'TRAFFIC CONTROL DEVICES FOR GENERAL USE'. RAISED RETRO-REFLECTIVE PAVEMENT MARKERS TO CONFORM TO AS1906 'RETRO-REFLECTIVE MATERIALS AND DEVICES FOR ROAD TRAFFIC CONTROL PURPOSES'. ALL APRONS AND KERB FACE ON CENTRAL ISLANDS OF ROUNDABOUTS AND ALL OTHER ISLANDS TO BE DELINEATED BY REFLECTIVE WHITE MARKING. INSTALLATION SHALL OCCUR IN ACCORDANCE WITH THE PLAN APPROVED BY THE LOCAL TRAFFIC COMMITTEE.
- R11. ALL LOT AND HOUSE NUMBERS MUST BE STENCILLED ON KERB FACE.
- R12. STREET SIGNS TO COUNCIL STANDARD MUST BE INSTALLED BY THE CONTRACTOR.

STORMWATER

- S1. ALL PIPES TO BE SPIGOT AND SOCKET, RUBBER RING JOINTED.
- S2. ALL LONGITUDINAL PIPELINES IN ROADS MUST BE LOCATED UNDER KERB AND GUTTER AND BE BACKFILLED WITH APPROVED GRANULAR MATERIAL UNLESS OTHERWISE APPROVED BY THE COUNCIL ENGINEER.
- S3. DRAINAGE LINES MUST BE BACKFILLED WITH APPROVED GRANULAR MATERIAL IN TRAFFICABLE AREAS. THREE (3) METRES OF SUBSOIL DRAINAGE WRAPPED IN GEOTEXTILE STOCKING MUST BE PROVIDED TO ALL DOWNSTREAM PITS.
- S4. ALL GULLY PITS TO COUNCIL'S STANDARD AND LINTELS CENTRALLY PLACED AT SAG PITS.
- S5. ALL PITS MUST BE BENCHED AND STREAMLINED. PROVIDE SL72 REINFORCEMENT AND GALVANISED STEP IRONS IN ALL PITS OVER 1.2-METRES DEEP AS MEASURED FROM THE TOP OF GRATE TO THE INVERT OF THE PIT.
- S6. CONCRETE IS TO HAVE MINIMUM COMPRESSIVE STRENGTH OF 32MPA AT 28-DAYS UNLESS OTHERWISE APPROVED BY THE COUNCIL ENGINEER.
- S7. ALL INTER-ALLOTMENT DRAINAGE MUST HAVE A MINIMUM PIPE DIAMETER OF 150mm AND A MINIMUM GRADE OF 1% UNLESS OTHERWISE APPROVED BY THE COUNCIL ENGINEER.
- S8. ALL INTER-ALLOTMENT DRAINAGE LINES MUST BE LAID CENTRALLY WITHIN DRAINAGE EASEMENTS. INSPECTION PITS MUST BE PROVIDED AT ALL CHANGES OF GRADE AND DIRECTION.
- S9. INTER-ALLOTMENT DRAINAGE LINES MUST BE INSTALLED AFTER SYDNEY WATER SEWERAGE LINES HAVE BEEN INSTALLED WHERE SEWER IS PROPOSED ADJACENT TO INTER-ALLOTMENT DRAINAGE LINES.
- S10. 1% AEP OVERLAND FLOW PATHS MUST BE FORMED AND SHOWN ON 'WORKS AS EXECUTED' DRAWINGS.
- S11. ALL PLANS (BOTH DESIGN AND WAE) ARE TO CLEARLY DELINEATE THE EXTENT/LOCATION OF FLOOD LINES INCLUDING THE 5% AEP, 1% AEP AND PMF.
- S12. ADEQUATE PROVISION IS TO BE MADE TO PREVENT SCOURING AND SEDIMENTATION FOR ALL DRAINAGE WORKS IN ACCORDANCE WITH COUNCIL'S REQUIREMENTS.
- S13. PIT LINTELS ARE TO BE STENCILLED WITH APPLICABLE DISTINCTION STENCIL AVAILABLE FROM COUNCIL.
- S14. CATCH DRAINS MUST BE CONSTRUCTED AS REQUIRED BY THE APPROVED PLANS OR THE PRINCIPAL CERTIFYING AUTHORITY.
- S15. SOIL AND WATER MANAGEMENT PLANS ARE TO BE PREPARED FOR ALL DISTURBED SITES AND ADHERED TO AT ALL TIMES DURING THE CONSTRUCTION AND MAINTENANCE PERIODS.

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13/03/2019

DEVELOPMENT APPLICATION

DA 2017/234/1

LEGEND

DESCRIPTION	PROPOSED	EXISTING	FUTURE
STORMWATER PIPELINE			
STORMWATER DRAINAGE PITS			
DRAINAGE LINE No. 3 DRAINAGE PIT No. 10			
CONCRETE HEADWALL			
SUBSOIL DRAIN			
150mm KERB AND GUTTER			
ROLL KERB AND GUTTER			
KERB ONLY			
EDGE STRIP			
MOUNTABLE KERB			
DISH CROSSING			
VEHICULAR CROSSING			
PEDESTRIAN RAMP			
EDGE OF BITUMEN			
ROAD PAVEMENT			
BENCHMARK			
BATTERS			
CONCRETE PATHWAY			
CONTOURS			
SITE REGRADING AREA			
SERVICE LINES SEWER, GAS, WATER, ELECTRICITY, RECYCLED WATER			
COMMUNICATION LINES TELSTRA, FIBRE OPTIC, NBN			
OVER HEAD LINES AND POLES			
SERVICE PITS TELECOM PIT, ACCESS CHAMBER, HYDRANT, STOP VALVE, AIR VALVE			
LIMIT OF ROAD CONSTRUCTION			
LIMIT OF STAGE			
FENCE POST AND RAIL FENCE SECURITY FENCE			
LOT NUMBERS			
TREES TO RETAIN WITHIN SITE TREES TO REMOVED WITHIN SITE			
RETAINING WALL			
ROCK WALL			
ROOF WATER OUTLET TO KERB			
ROOF WATER OUTLET TO BACK OF PIT			

FILE: I:\STANDARD\PROJECTS\16\10266 - MCNT\05H - JENNINGS\10266_12_STAGE 6 & 7\59605 TECHNICAL\01 MODEL\AUTOCAD\DWG\10266_12_LD_DA-003.DWG LAST SAVED BY: JED SWEENEY

FIRST ISSUE	DESIGN	DRAWN	CHECK	APPD.	DATE	AMENDMENT DETAILS
1	VC	PS	LF	SAG	23/02/2017	
2	VC	PS	LF	SAG	22/02/2017	CLIENT AMENDMENTS
3	LF	LF	RC	SAG	12/04/2017	STAGE 8 LOT LAYOUT CHANGES
4	LF	JS	RC	JM	12/11/2018	CLIENT AMENDMENTS

FOR DEVELOPMENT APPLICATION	
AUTHORISED FOR ISSUE:	
BY: JOSEPH MEKARY BE (Civil) (Hons) MIEAust. MBA MPM JP	SIGN: 13/11/18
	DATE:

SCALE

CLIENT
AVJennings

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PROJECT
COBBITTY LOT 2006 STAGES 6, 7 & 8
DISCLAIMER ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY, DO NOT SCALE. NOT FOR CONSTRUCTION UNLESS STAMPED BY CERTIFYING AUTHORITY

DRAWING TITLE GENERAL NOTES & LEGEND			
PROJECT No.	DRAWING No.	STAGE	REVISION
X10266.12	003	6, 7 & 8	3



DA 2017/234/1

REFER TO D.A. PLANS BY JMD FOR
BUND & RETAINING WALL DETAILS

BASIN 05 TO BE USED AS
TEMPORARY SEDIMENT BASIN
DURING CONSTRUCTION

SWALEN

PLAN
SCALE 1:1000

BANGOR

EXISTING STAGE
DEVELOPMENT

REFER DRAWINGS BY CALIBRE CONSULTING
REF: X10266.10

LEGEND

- | | |
|---|--|
|  | SEDIMENT FENCE (SD 6-8) |
|  | BARRIER FENCE |
|  | CATCH DRAIN/ DIVERSION BANK (SD 5-5) |
|  | STABILISED ACCESS POINT |
|  | GEOTEXTILE INLET FILTER (SD 6-12)
DURING CONSTRUCTION. |
| | MESH & GRAVEL INLET FILTER (SD 6-11)
AFTER CONSTRUCTION |
|  | STRAW BALE FILTER (SD 6-7) |
|  | LEVEL SPREADER (SD 5-6) |
|  | EXISTING CONTOUR (ORIGINAL
NATURAL SURFACE) |
|  | PROPOSED CONTOUR |
|  | CUT AREA |
|  | FILL AREA |

BASIN 05 TO BE USED AS
TEMPORARY SEDIMENT BASIN
DURING CONSTRUCTION

FIRST ISSUE	DESIGN	DRAWN	CHECK	APPD.	DATE	AMENDMENT DETAILS
	VC	PS	LF	SAG	23/02/2017	
A M E N D M E N T S	1	VC	PS	LF	SAG	22/02/2017
	2	LF	LF	RC	SAG	12/04/2017
	3	LF	JS	RC	JM	12/11/2018

STATUS	FOR DEVELOPMENT APPLICATION
--------	--------------------------------

BY: JOSEPH MEKARY
BE (Civil) (Hons) MIEAust. MBA MPM JP

SIGN: *[Signature]*
DATE: 13/11/18

CLIENT

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PROJECT

**COBBITTY LOT 2006
STAGES 6, 7 & 8**

DISCLAIMER

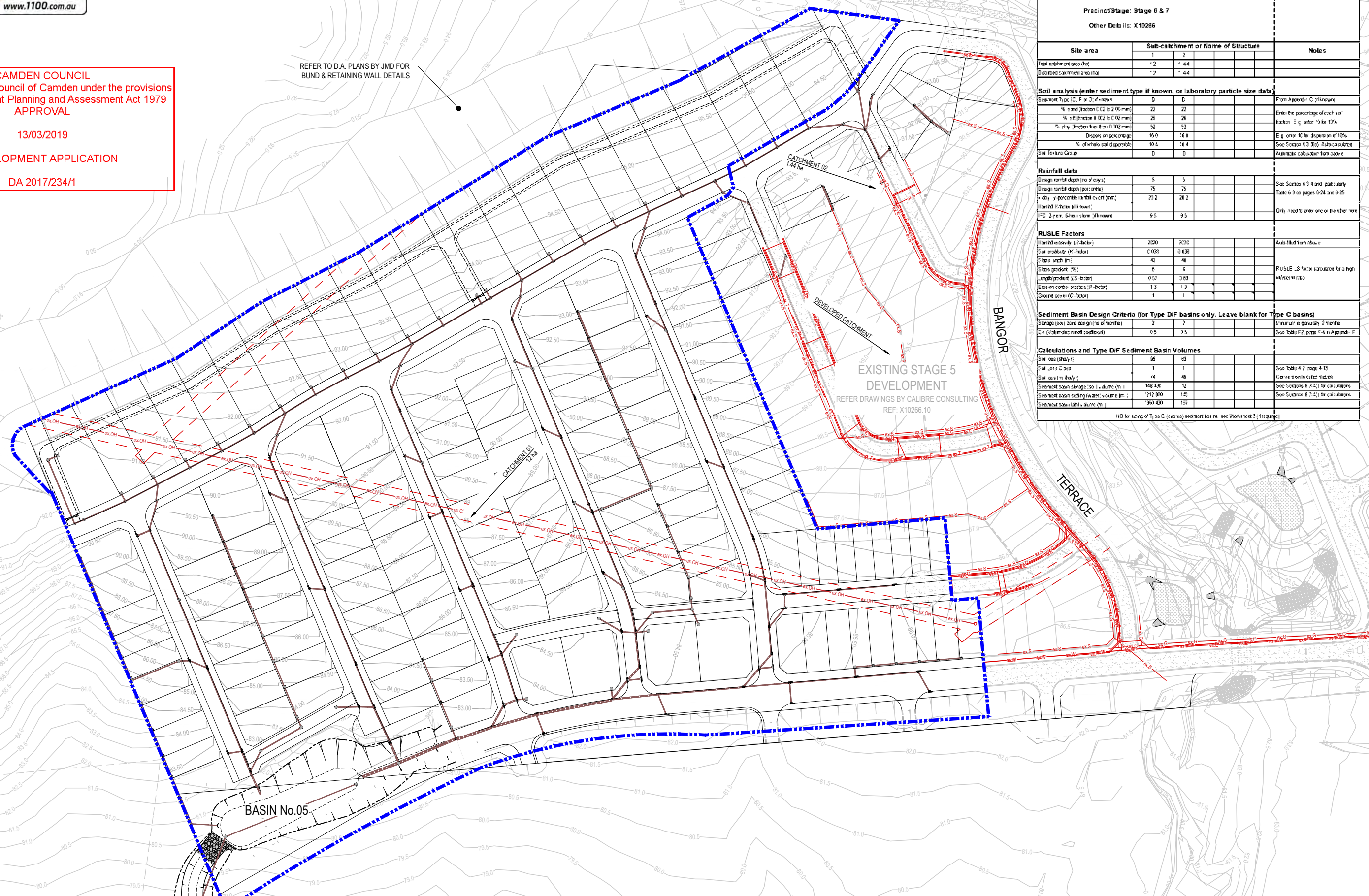
ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY, DO NOT SCALE. NOT FOR CONSTRUCTION LINE/ISS STAMPED BY CERTIFYING AUTHORITY.

DRAWING TITLE			
SOIL & WATER MANAGEMENT PLAN			
PROJECT No.	DRAWING No.	STAGE	REVISION
X10266.12	101	6, 7 & 8	3



DA 2017/234/1

REFER TO D.A. PLANS BY JMD FOR
BUND & RETAINING WALL DETAILS



1. Erosion Hazard and Sediment Basins					
Site Name: Cobbitty Lot 2066					
Site Location: Lot 96, DP 1174521					
Precinct/Stage: Stage 6 & 7					
Other Details: X10266					
Site area	Sub-catchment or Name of Structure				Notes
	1	2			
Total catchment area (ha)	* 2	* 4.4			
Disturbed catchment area (ha)	* 2	* 4.4			
Soil analysis (enter sediment type if known, or laboratory particle size data)					
Sediment type (C, F or D if known)	D	D			Form Appendix C if known
% sand (fraction 0.02 to 0.05 mm)	22	22			Enter the percentage of each soil fraction - E.g. enter "0" for 0%
% silt (fraction 0.002 to 0.02 mm)	26	26			
% clay (fraction finer than 0.002 mm)	52	52			
Deposits on percentage	16.0	16.0			E.g. enter 10 for dispersion of 10%
% of whole soil dispersible	10.4	10.4			See Section 6.3.3(c) - Additional notes
Soil Texture Group	D	D			Automatic calculation from above
Rainfall data					
Design rainfall depth (no of days)	5	5			
Design rainfall depth (percentage)	75	75			
* daily - y percentile rainfall count (mm)	23.2	28.2			
Handbook factor (if known)					Only need to enter one or the other here
IED 2-year 6-hour storm (if known)	9.5	9.5			
RUSLE Factors					
Handbook erosivity (K-factor)					Auto filled from above
Soil erodibility (K-factor)	0.038	0.038			
Slope length (m)	43	43			
Slope gradient (%)	6	4			
Length gradient (LS factor)	0.57	0.63			RUSLE LS factor calculator for a high infiltration ratio
Erosion control practice (P-factor)	1.3	1.3			
Ground cover (C-factor)	1	1			
Sediment Basin Design Criteria (for Type D/F basins only. Leave blank for Type C basins)					
Storage (on 1 time design) (no of months)	2	2			Minimum is generally 2 months
C _o (calculated runoff coefficient)	0.5	0.5			See Table F2, page 7-4 in Appendix F
Calculations and Type D/F Sediment Basin Volumes					
Soil loss (t/ha/yr)	96	63			
Soil loss C class	1	1			See Table 4.2, pages 4-13
Soil loss M class	14	48			Conversion to cubic metres
Sediment basin storage (so 1.0 duration)	148 430	12			See Sections 6.3.4(i) for calculations
Sediment basin settling (water, volume (m ³))	212 000	145			See Surfactant 6.3.4(i) for calculations
Sediment basin silt (volume (m ³))	360 430	157			

NB for acres of Type C (erosion) sediment basins, see 'Notes next to 1 (frequency)

AMENDED REVISIONS	DESIGN	DRAWN	CHECK	APPD.	DATE	AMENDMENT DETAILS	STATUS	FOR DEVELOPMENT APPLICATION	CLIENT	SCALE			PROJECT	COBBITTY LOT 2006 STAGES 6, 7 & 8	DRAWING TITLE BASIN CATCHMENT PLAN			
	1	VC	PS	LF	SAG											23/02/2017	CLIENT AMENDMENTS	
	2	VC	PS	LF	SAG											22/02/2017	STAGE 8 LOT LAYOUT CHANGES	
	3	LF	LF	RC	SAG											12/04/2017	CLIENT AMENDMENTS	
	4	LF	JS	RC	JM											12/11/2018		
							AUTHORISED FOR ISSUE:	BY: JOSEPH MEKARY	SIGN: 	SCALE	0 10 20 30 40 50 60 70 80	SCALE 1:1000 (A1)	SCALE 1:2000 (A3)	DISCLAIMER	PROJECT No.	DRAWING No.	STAGE	REVISION
								BE (Civil) (Hons) MIEAust. MBA MPM JP	DATE: 13/11/18					ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY. DO NOT SCALE. NOT FOR CONSTRUCTION UNLESS STAMPED BY CERTIFYING AUTHORITY.	X10266.12	102	6, 7 & 8	3



LEGEND

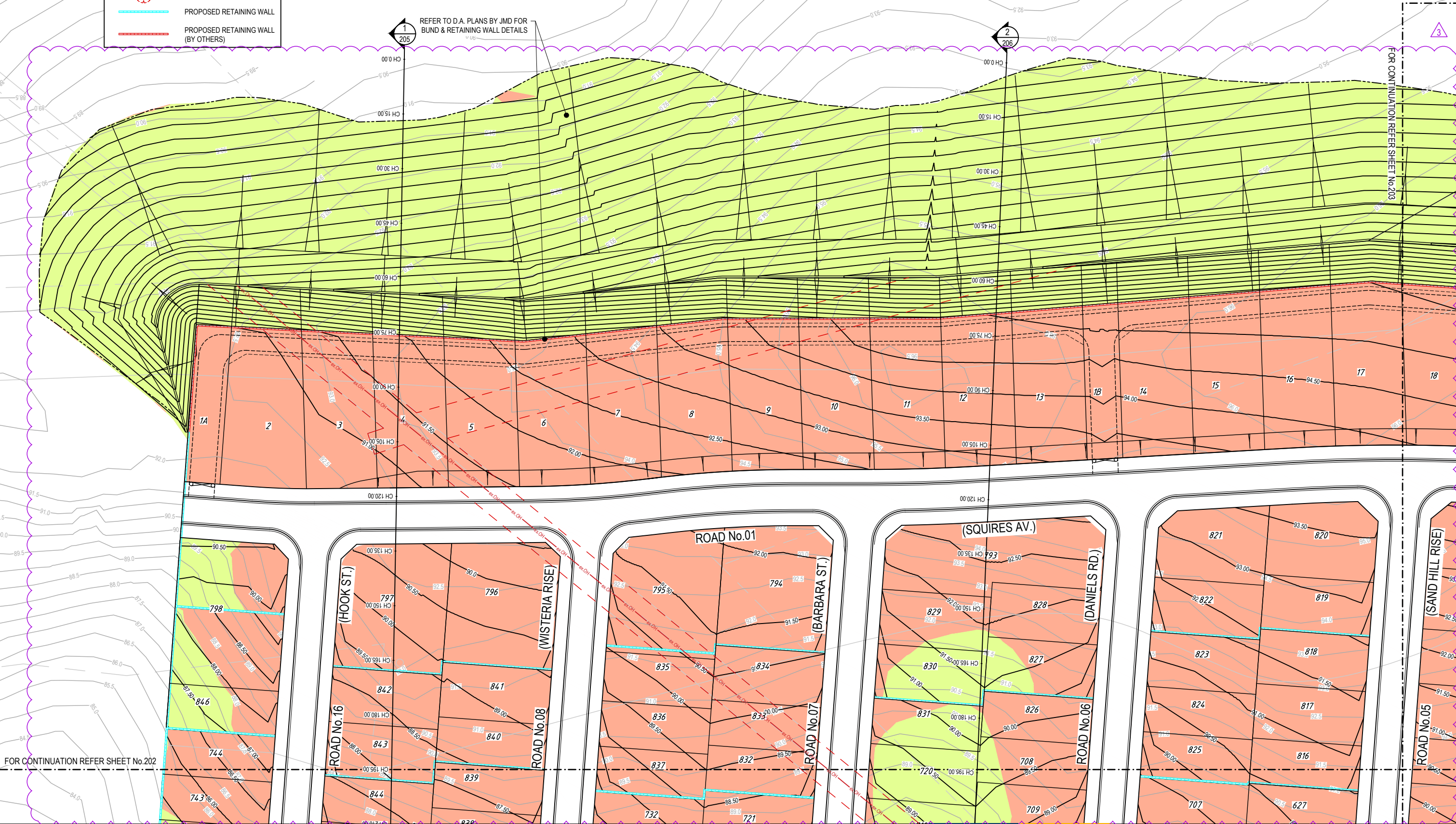
- EXISTING CONTOUR
- PROPOSED CONTOUR
- CUT AREA
- FILL AREA
- TREE TO BE REMOVED
- PROPOSED RETAINING WALL
- PROPOSED RETAINING WALL (BY OTHERS)



NOTE:
EXISTING LEVELS SHOWN REFER TO NATURAL SURFACE LEVELS

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13/03/2019
DEVELOPMENT APPLICATION
DA 2017/234/1

REFER TO D.A. PLANS BY JMD FOR
BUND & RETAINING WALL DETAILS



AMENDMENT DETAILS						
FIRST ISSUE	DESIGN	DRAWN	CHECK	APPD	DATE	
1	VC	PS	LF	SAG	23/02/2017	CLIENT AMENDMENTS
2	VC	PS	LF	SAG	22/02/2017	CLIENT AMENDMENTS
3	LF	LF	RC	SAG	12/04/2017	STAGE 8 LOT LAYOUT CHANGES
4	LF	JS	RC	JM	12/11/2018	CLIENT AMENDMENTS

FOR DEVELOPMENT APPLICATION

STATUS

AUTHORISED FOR ISSUE:

BY: JOSEPH MEKARY
BE (Civil) (Hons) MIEAust. MBA MPM JP

SIGN: *[Signature]*
13/11/18

DATE:

SCALE

0 5 10 15 20 25 30 35 40

SCALE 1:500 (A1)

SCALE 1:1000 (A3)

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PROJECT

COBBITTY LOT 2006
STAGES 6, 7 & 8

DRAWING TITLE

BULK EARTHWORKS PLAN
01 OF 03

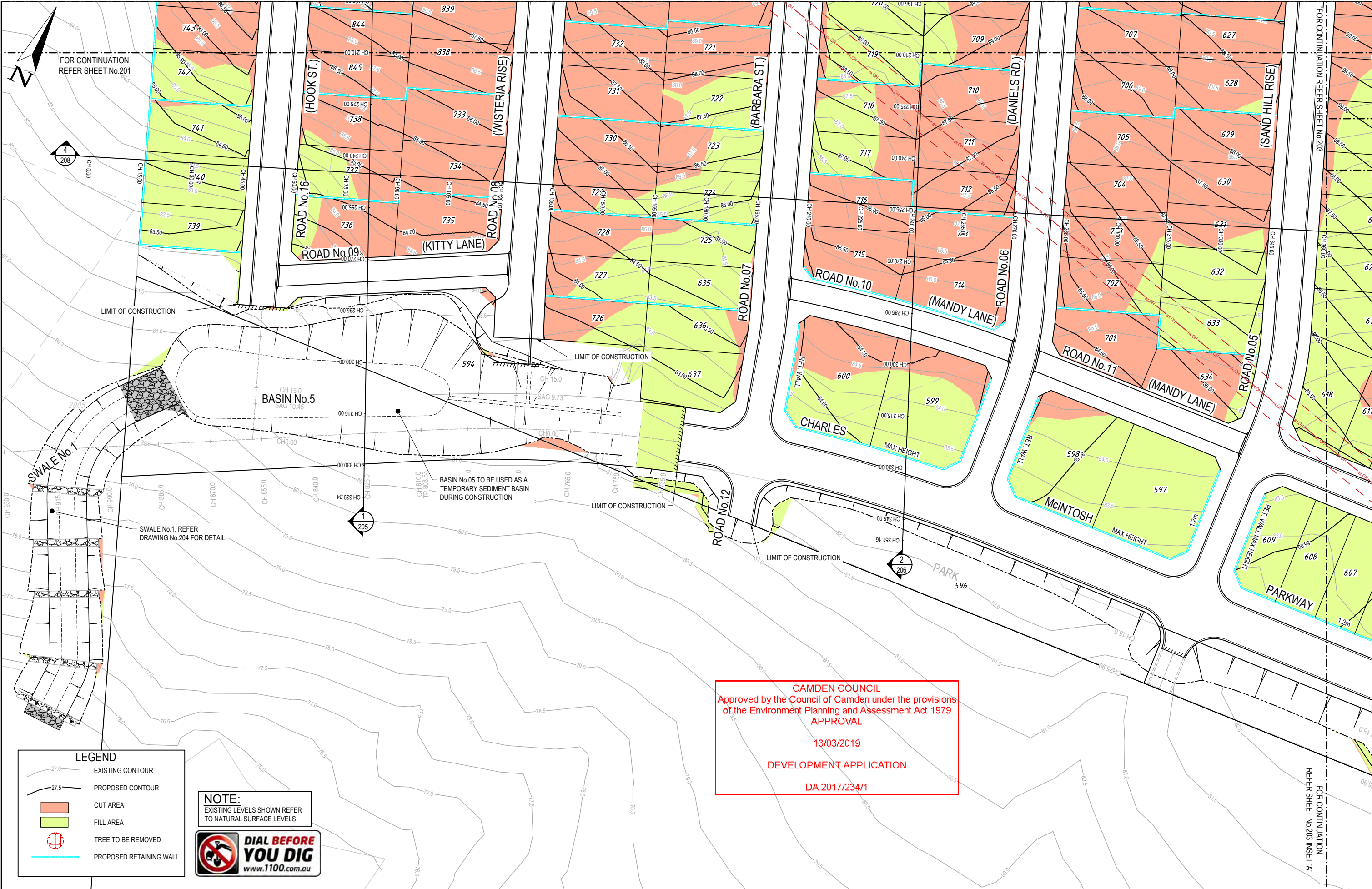
PROJECT No. X10266.12

DRAWING No. 201

STAGE 6, 7 & 8

REVISION 3

FILE: I:\03\04\01\PROJECTS\DA\2017\234\1\STAGE 6 & 7\BULK EARTHWORKS\01.DWG LAST SAVED BY JED SNEYDERY



LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- CUT AREA
- FILL AREA
- TREE TO BE REMOVED
- PROPOSED RETAINING WALL

NOTE:
EXISTING LEVELS SHOWN REFER TO NATURAL SURFACE LEVELS

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DA 2017/234/1

REV	DATE	BY	CHKD	APPD	DATE	REASON
1	23/02/2017	VC	PS	LF	SAG	CLIENT AMENDMENTS
2	22/02/2017	VC	PS	LF	SAG	STAGE 8 LOT LAYOUT CHANGES
3	12/04/2017	LF	LF	RC	SAG	CLIENT AMENDMENTS
4	12/11/2018	LF	JS	RC	JM	CLIENT AMENDMENTS

FOR DEVELOPMENT APPLICATION

STATUS: AMENDMENT DETAILS

AUTHORISED FOR ISSUE:
BY: JOSEPH MEKARY
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SIGNED: [Signature]
DATE: 13/11/18

SCALE

0 5 10 15 20 25 30 35 40

SCALE 1:500 (A1) SCALE 1:1000 (A3)

CLIENT

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PROJECT

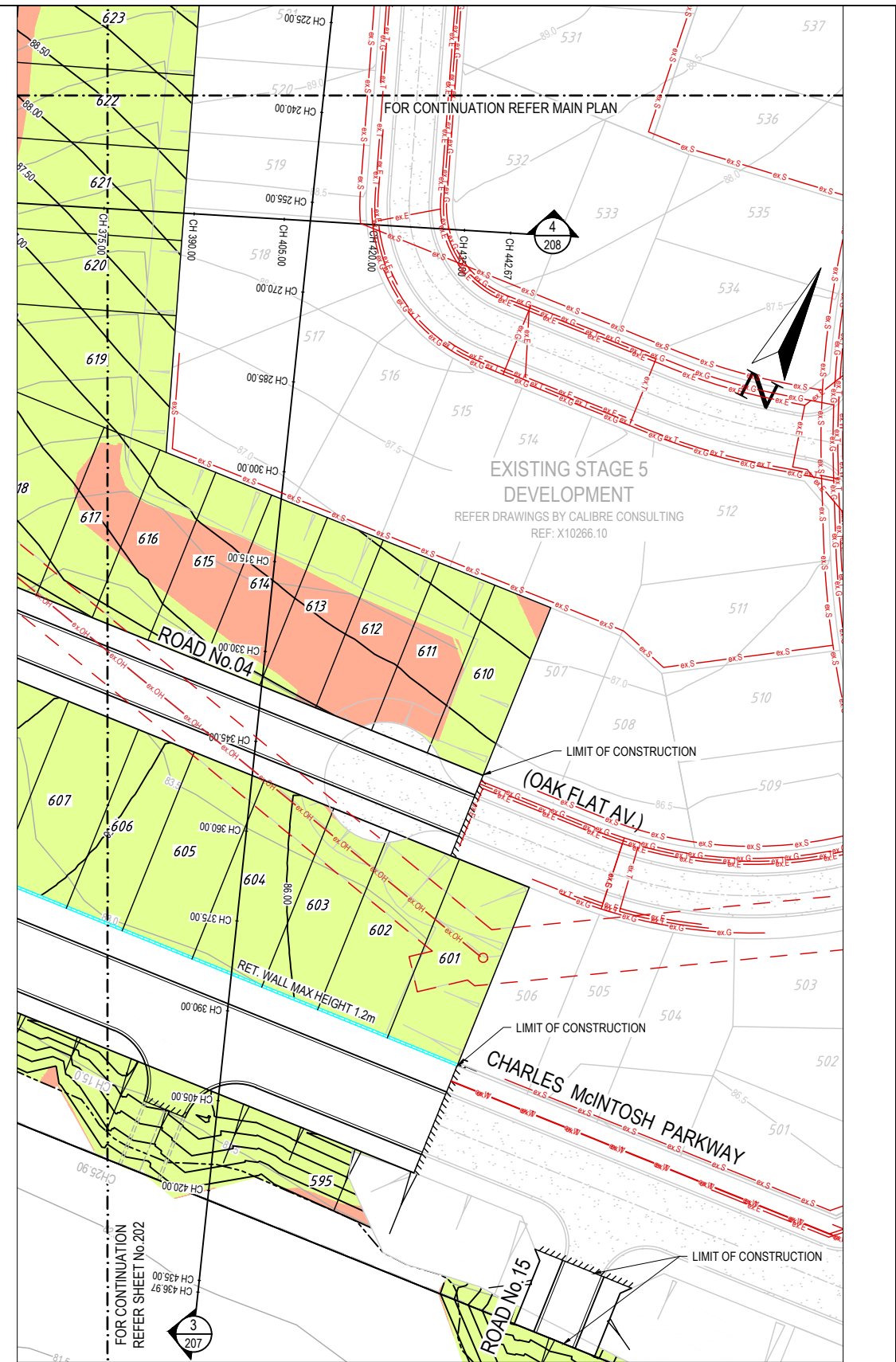
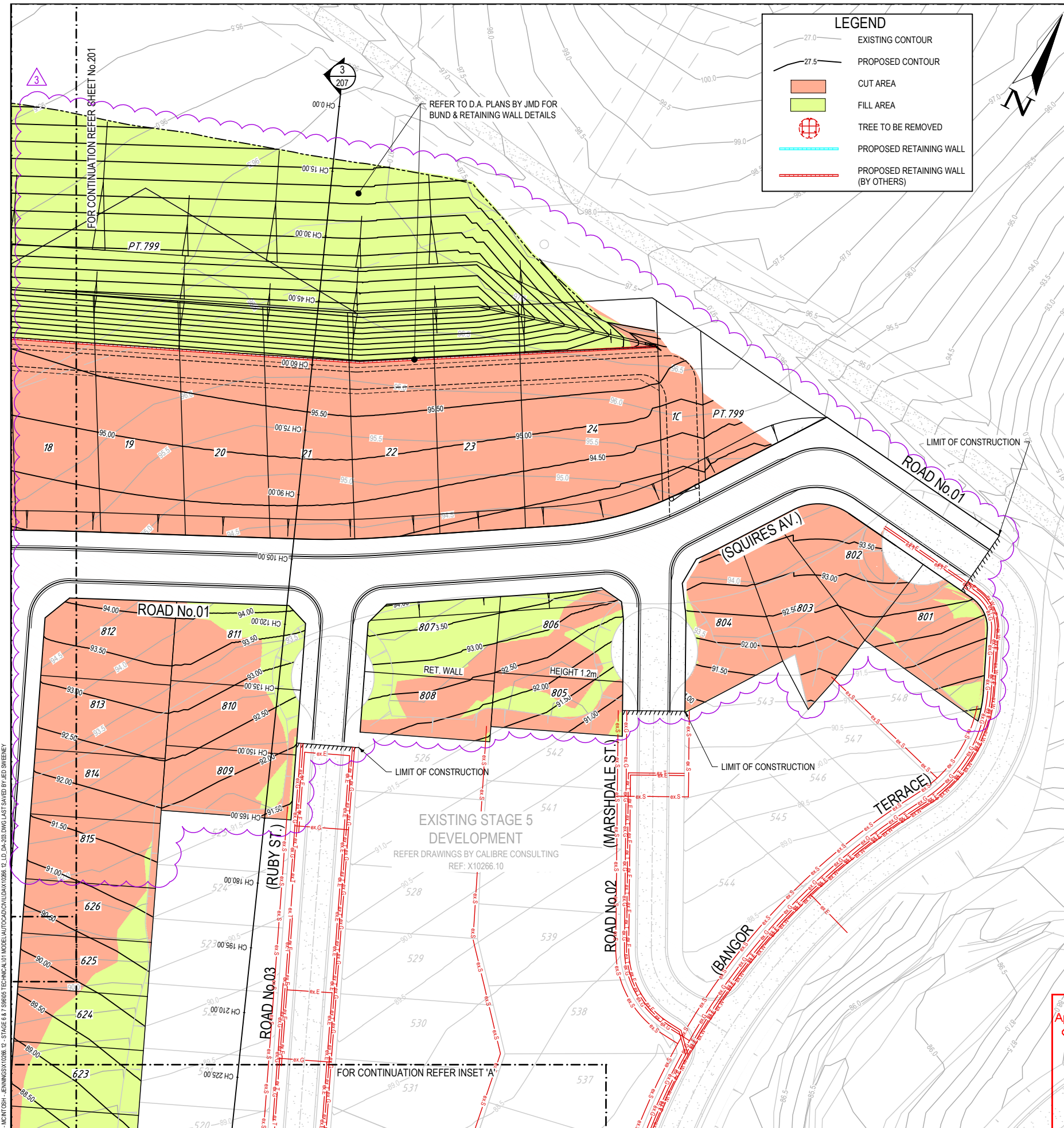
COBBITTY LOT 2006
STAGES 6, 7 & 8

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DRAWING TITLE

BULK EARTHWORKS PLAN
02 OF 03

PROJECT No: X10266.12
DRAWING No: 202
STAGE: 6, 7 & 8
REVISION: 3



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DA 2017/234/1

INSET 'A'
SCALE 1:500

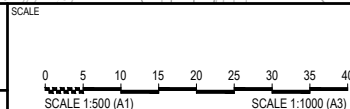
NOTE:
EXISTING LEVELS SHOWN REFER
TO NATURAL SURFACE LEVELS



DESIGN	DRAWN	CHECK	APPD.	DATE
VC	PS	LF	SAG	23/02/2017
1	VC	PS	LF	22/02/2017
2	LF	LF	RC	12/04/2017
3	LF	JS	RC	12/11/2018

FOR
DEVELOPMENT APPLICATION

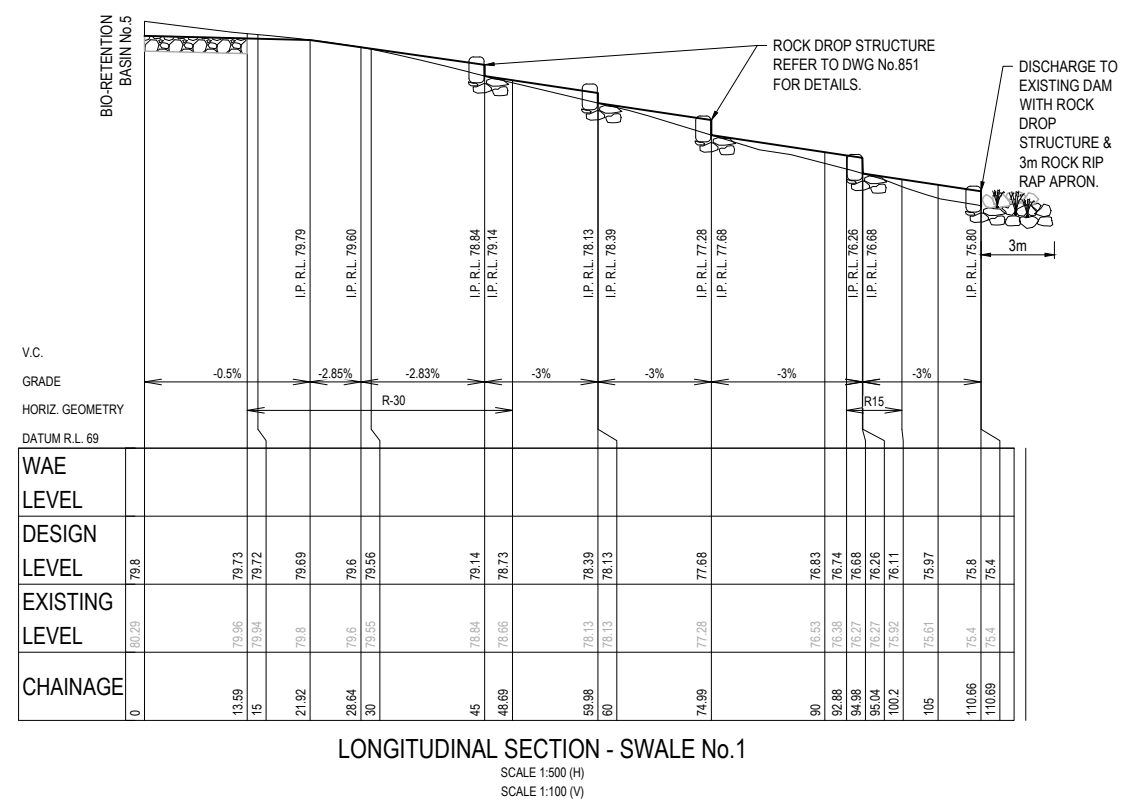
AUTHORISED FOR ISSUE:
BY: JOSEPH MEKARY
BE (Civil) (Hons) MIEAust. MBA MPM JP
SIGNED: *JPM*
13/11/18
DATE:



COBBITTY LOT 2006
STAGES 6, 7 & 8

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DRAWING TITLE	PROJECT No.	DRAWING No.	STAGE	REVISION
BULK EARTHWORKS PLAN 03 OF 03	X10266.12	203	6, 7 & 8	3

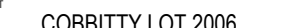


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DEVELOPMENT APPLICATION

DA 2017/234/1

DESIGN DRAWN CHECK APPD. DATE	VC	PS	LF	SAG	23/02/2017	AMENDMENT DETAILS	STATUS	FOR DEVELOPMENT APPLICATION	SCALE 0 1 2 3 4 5 6 7 8 SCALE 1:100 (A1) SCALE 1:200 (A3) 0 2.0 4.0 6.0 8.0 10.0 12.0 14.0 16.0 SCALE 1:200 (A1) SCALE 1:400 (A3) 0 5 10 15 20 25 30 35 40 SCALE 1:500 (A1) SCALE 1:1000 (A3)	CLIENT 	 © 2017 www.calibreconsulting.co	PROJECT COBBITTY LOT 2006 STAGES 6, 7 & 8 DISCLAIMER ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY. DO NOT SCALE. NOT FOR CONSTRUCTION UNLESS STAMPED BY CERTIFYING AUTHORITY	DRAWING TITLE SWALE No.01 PLAN & LONGITUDINAL SECTION PROJECT No. X10266.12 DRAWING No. 204 STAGE 6, 7 & 8 REVISION 3	
	1	VC	PS	LF	SAG		22/02/2017							CLIENT AMENDMENTS
	2	LF	LF	RC	SAG		12/04/2017							STAGE 8 LOT LAYOUT CHANGES
	3	LF	JS	RC	JM		12/11/2018							CLIENT AMENDMENTS
AMENDMENTS							AUTHORISED FOR ISSUE: BY: JOSEPH MEKARY BE (Civil) (Hons) MIEAust. MBA MP M JP DATE: 13/11/18							

LEGEND

 CUT AREA

 FILL AREA

3

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13/03/2019

DEVELOPMENT APPLICATION

DA 2017/234/1

LIMIT OF CONSTRUCTION

PROPOSED RET. WALL (BY OTHERS)

ROAD No.1

RET. WALL MAX. HEIGHT 1.2m

RET. WALL MAX. HEIGHT 1.2m

RET. WALL MAX. HEIGHT 1.2m

RET. WALL MAX. HEIGHT 1.2m

ROAD No.9

BASIN No.05

LIMIT OF CONSTRUCTION

REFER TO DRAWINGS BY JMD

DATUM R.L. 74

CHAINAGE	EXISTING LEVEL	DESIGN LEVEL
0	90.36	
15	91.12	
30	91.89	92.86
45	92.52	94.75
60	93.05	97.08
75	93.4	93.72
90	93.5	91.61
105	93.28	91.19
120	92.98	90.73
135	92.61	90.74
150	92.27	90.2
165	92.04	89.67
180	90.78	88.49
195	89.19	88.08
210	87.67	86.88
225	86.7	85.67
240	85.47	85.14
255	84.72	84.06
270	83.96	83.54
285	82.96	
300	82.3	79.54
315	81.57	79.5
330	80.77	
339.338	80.27	

SECTION 1

SCALE: 1:500 (H)

SCALE: 1:100 (V)

201-207

SECTION 1
SCALE: 1:500 (H) 201-203
SCALE: 1:100 (V)

DESIGN FIRST ISSUE DRAWN VC CHECK PS APPD. LF DATE 23/02/2017 AMENDMENTS 1 VC PS SAG 22/02/2017 2 LF LF RC SAG 12/04/2017 3 LF JS RC JM 12/11/2018	AMENDMENT DETAILS					STATUS	SCALE	CLIENT	PROJECT COBBITTY LOT 2006 STAGES 6, 7 & 8 DRAWING TITLE BULK EARTHWORKS SITE SECTION 1 PROJECT No. X10266.12 DRAWING No. 205 STAGE 6, 7 & 8 REVISION 3
	CLIENT AMENDMENTS					FOR	0 1 2 3 4 5 6 7 8 SCALE 1:100 (A1) SCALE 1:200 (A3)		
	STAGE 8 LOT LAYOUT CHANGES					DEVELOPMENT APPLICATION	0 5 10 15 20 25 30 35 40 SCALE 1:500 (A1) SCALE 1:1000 (A3)		
	CLIENT AMENDMENTS					AUTHORISED FOR ISSUE:			
						BY: JOSEPH MEKARY BE (Civil) (Hons) MIEAust. MBA MPM JP	SIGN: <i>JPM</i> DATE: 13/11/18		

LEGEND

 CUT AREA

 FILL AREA

3

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DEVELOPMENT APPLICATION

DA 2017/234/1

The diagram illustrates a cross-section of a road embankment. The top profile shows the existing ground level (orange) and the proposed retaining wall (green). The retaining wall is labeled 'PROPOSED RET. WALL (BY OTHERS)'. The road surface is labeled 'ROAD No.1'. The diagram includes a 'LIMIT OF CONSTRUCTION' line on the left and a 'LIMIT OF CONSTRUCTION' line on the right. A note 'REFER TO DRAWINGS BY JMD' points to the retaining wall. The diagram is divided into two sections by a vertical line. The left section is labeled 'SECTION 2' and the right section is labeled 'SECTION 2'. The diagram includes a table of data for the retaining wall, showing chainage, existing level, and design level.

CHAINAGE	EXISTING LEVEL	DESIGN LEVEL
0	93.43	
15	94.18	95
30	94.84	96.85
45	95.37	98.7
60	95.78	99.98
75	96.14	94.89
90	96.38	94.05
105	96.16	93.16
120	95.24	92.73
135	93.88	92.56
150	92.45	92.12
165	91.26	91.68
180	90.17	90.21
195	89.31	89.77
210	88.63	89.32
225	88.24	87.79
240	87.9	87.3
255	87.02	86.83
270	86.24	85.6
285	85.42	84.54
300	84.58	84.49
315	83.78	84.25
330	83.12	83.02
345	82.48	83.05
351.6	82.21	

DATUM R.L. 77

SECTION 2

SCALE: 1:500 (H)
SCALE: 1:100 (V)

RET. WALL MAX. HEIGHT 1.2m

RET. WALL MAX. HEIGHT 1.2m

RET. WALL MAX. HEIGHT 1.2m

RET. WALL MAX. HEIGHT 1.2m

RET. WALL MAX. HEIGHT 1.2m

RET. WALL MAX. HEIGHT 1.2m

CHARLES MCINTOSH PARKWAY

LIMIT OF CONSTRUCTION

AMENDMENTS	DESIGN	DRAWN	CHECK	APPO.	DATE	AMENDMENT DETAILS	STATUS	FOR DEVELOPMENT APPLICATION	SCALE	CLIENT			PROJECT	COBBITTY LOT 2006 STAGES 6, 7 & 8	DRAWING TITLE	BULK EARTHWORKS SITE SECTION 2												
	FIRST ISSUE	VC	PS	LF	SAG												23/02/2017											
	1	VC	PS	LF	SAG												22/02/2017	CLIENT AMENDMENTS	0 1 2 3 4 5 6 7 8 SCALE 1:100 (A1)	0 5 10 15 20 25 30 35 40 SCALE 1:200 (A3)	0 5 10 15 20 25 30 35 40 SCALE 1:500 (A1)	0 5 10 15 20 25 30 35 40 SCALE 1:1000 (A3)	DISCLAIMER	ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY. DO NOT SCALE. NOT FOR CONSTRUCTION UNLESS STAMPED BY CERTIFYING AUTHORITY	PROJECT No.	DRAWING No.	STAGE	REVISION
	2	LF	LF	RC	SAG												12/04/2017	STAGE 8 LOT LAYOUT CHANGES						X10266.12	206	6, 7 & 8	3	
	3	LF	JS	RC	JM												12/11/2018	CLIENT AMENDMENTS										
							BY: JOSEPH MEKARY BE (Civil) (Hons) MIEAust. MBA MP M JP	SIGN:  DATE: 13/11/18																				

 CUT AREA

 FILL AREA



DA 2017/234/1

DESIGN VC PS LF SAG 23/02/2017 AMENDMENTS 1 VC PS LF SAG 22/02/2017 2 LF LF RC SAG 12/04/2017 3 LF JS RC JM 12/11/2018	AMENDMENT DETAILS				STATUS	SCALE	CLIENT	  © 2017 www.calibreconsulting.co	PROJECT COBBITTY LOT 2006 STAGES 6, 7 & 8	DRAWING TITLE BULK EARTHWORKS SITE SECTION 4
	CLIENT AMENDMENTS				FOR	0 1 2 3 4 5 6 7 8 SCALE 1:100 (A1) SCALE 1:200 (A3)				
	STAGE 8 LOT LAYOUT CHANGES				DEVELOPMENT APPLICATION	0 5 10 15 20 25 30 35 40 SCALE 1:500 (A1) SCALE 1:1000 (A3)				
	CLIENT AMENDMENTS				AUTHORISED FOR ISSUE:					
					BY: JOSEPH MEKARY SIGN: <i>JPM</i> BE (Civil) (Hons) MIEAust. MBA MPM JP DATE: 13/11/18					

PROJECT No.	DRAWING No.	STAGE	REVISION
X10266.12	208	6, 7 & 8	3



DA 2017/234/1

REFER TO D.A. PLANS BY JMD FOR
BUND & RETAINING WALL DETAILS

FIRE TRAIL TO BE STRUCTURAL TURF
CELL SUCH AS ATLANTIS TURF CELL OR
APPROVED EQUIVALENT

FOR CONJUNCTION REFERENCE NO.303

PROVIDE AND INSTALL
LOCKABLE GATE

TRANSITION FROM
RK TO DC AT PIT

PROVIDE AND INSTALL
LOCKABLE GATE

TRANSITION FROM
RK TO DC OVER 2m

ROAD No.01

(SQUIRES AV.)

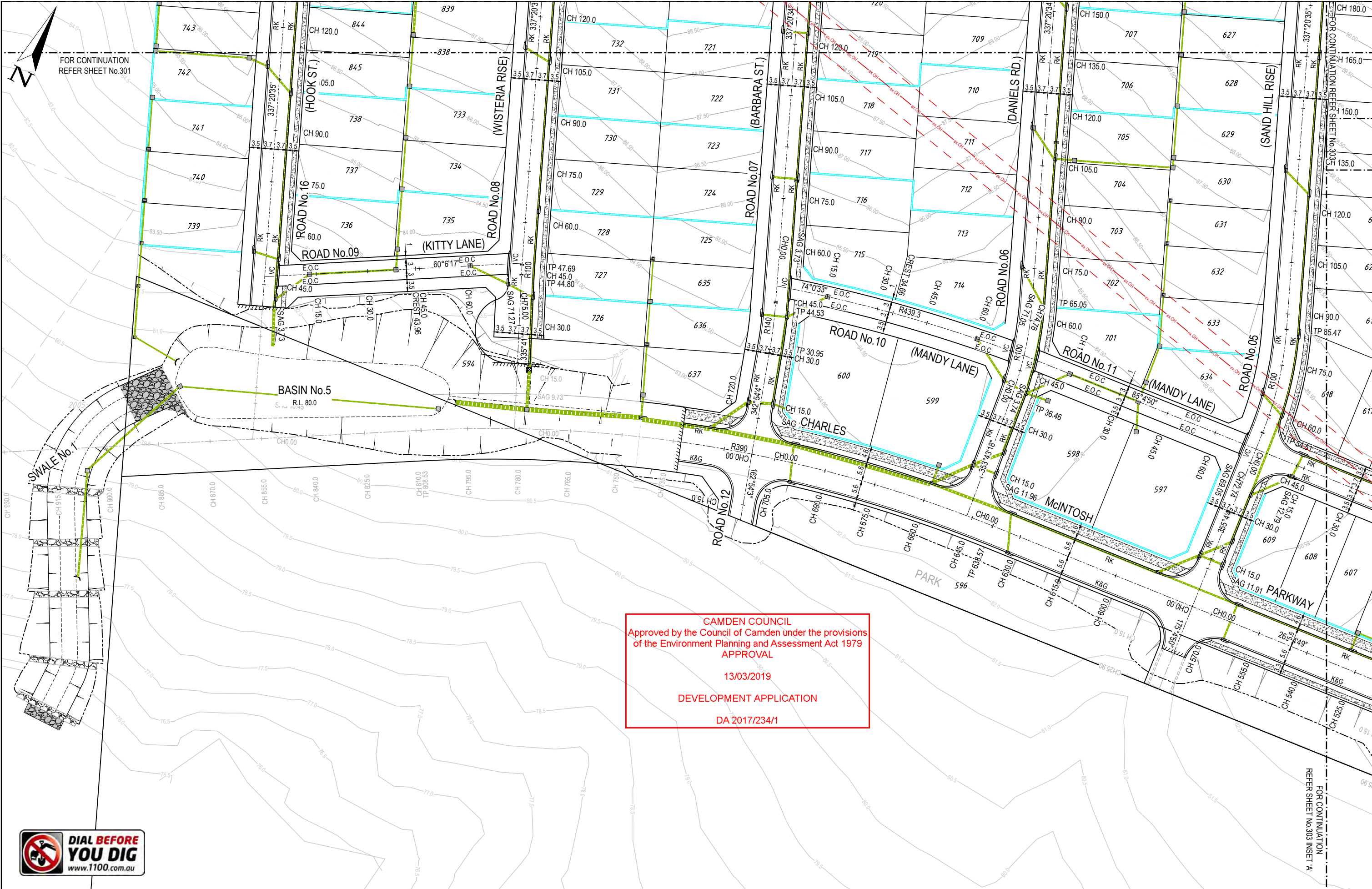
TRANSITION FROM
RK TO DC OVER 2m

821
TRANSITION FROM

820
TRANSITION FROM

FOR CONTINUATION REFER SHEET No.302

DRAWING TITLE			
ENGINEERING PLAN 01 OF 03			
PROJECT No.	DRAWING No.	STAGE	REVISION
X10266.12	301	6, 7 & 8	3



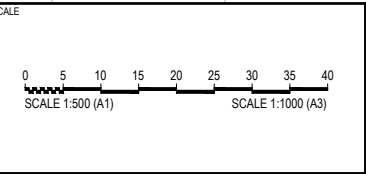
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DEVELOPMENT APPLICATION
DA 2017/234/1



REV	DATE	BY	CHKD	APPD	DATE	REASON
1	23/02/2017	VC	PS	LF	SAG	CLIENT AMENDMENTS
2	22/02/2017	VC	PS	LF	SAG	STAGE 8 LOT LAYOUT CHANGES
3	12/04/2017	LF	LF	RC	SAG	CLIENT AMENDMENTS
4	12/11/2018	LF	JS	RC	JM	CLIENT AMENDMENTS

FOR
DEVELOPMENT APPLICATION

AUTHORISED FOR ISSUE:
BY: JOSEPH MEKARY
BE (Civil) (Hons) MIEAust. MBA MPM JP
SIGNED: _____
DATE: _____

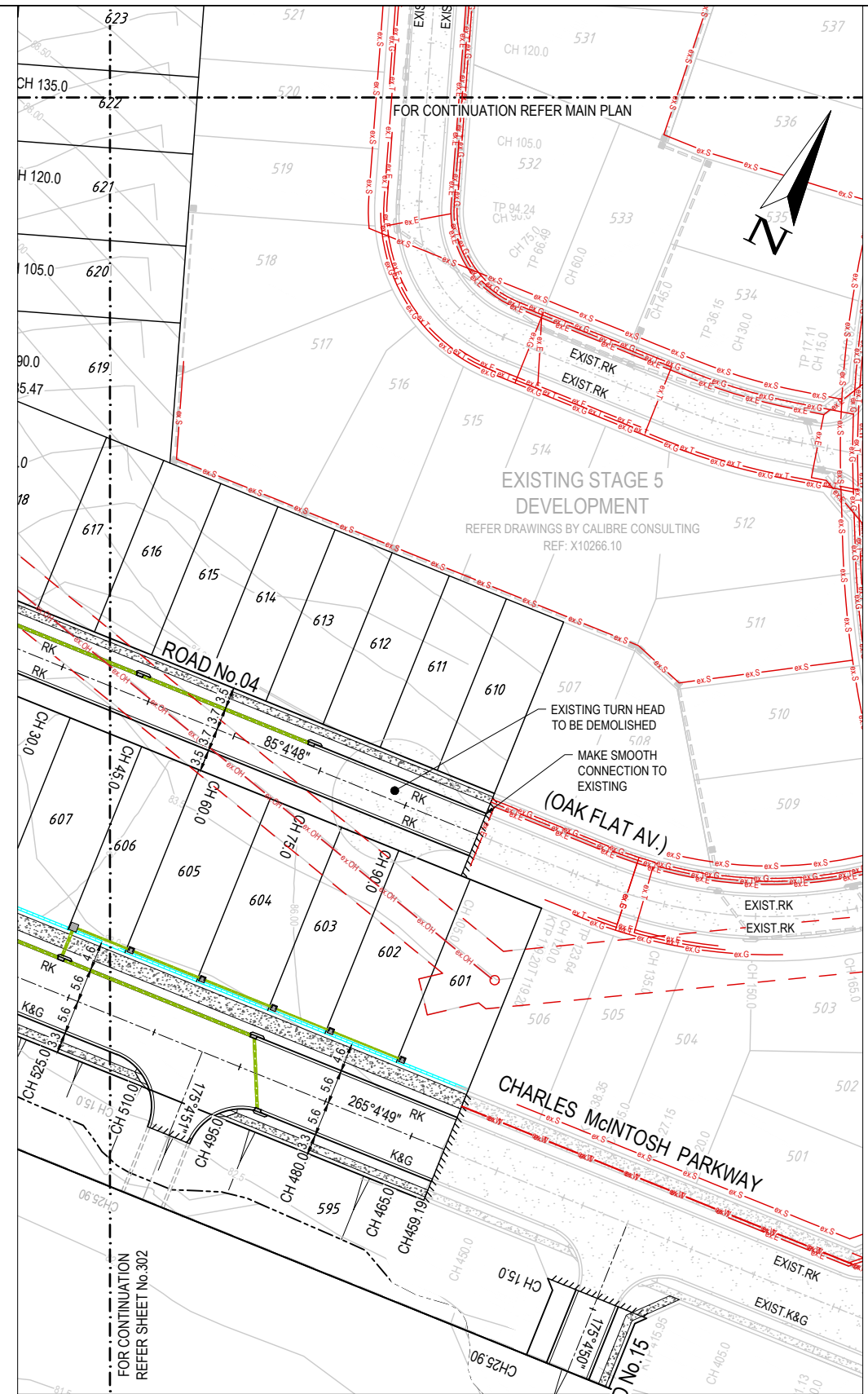
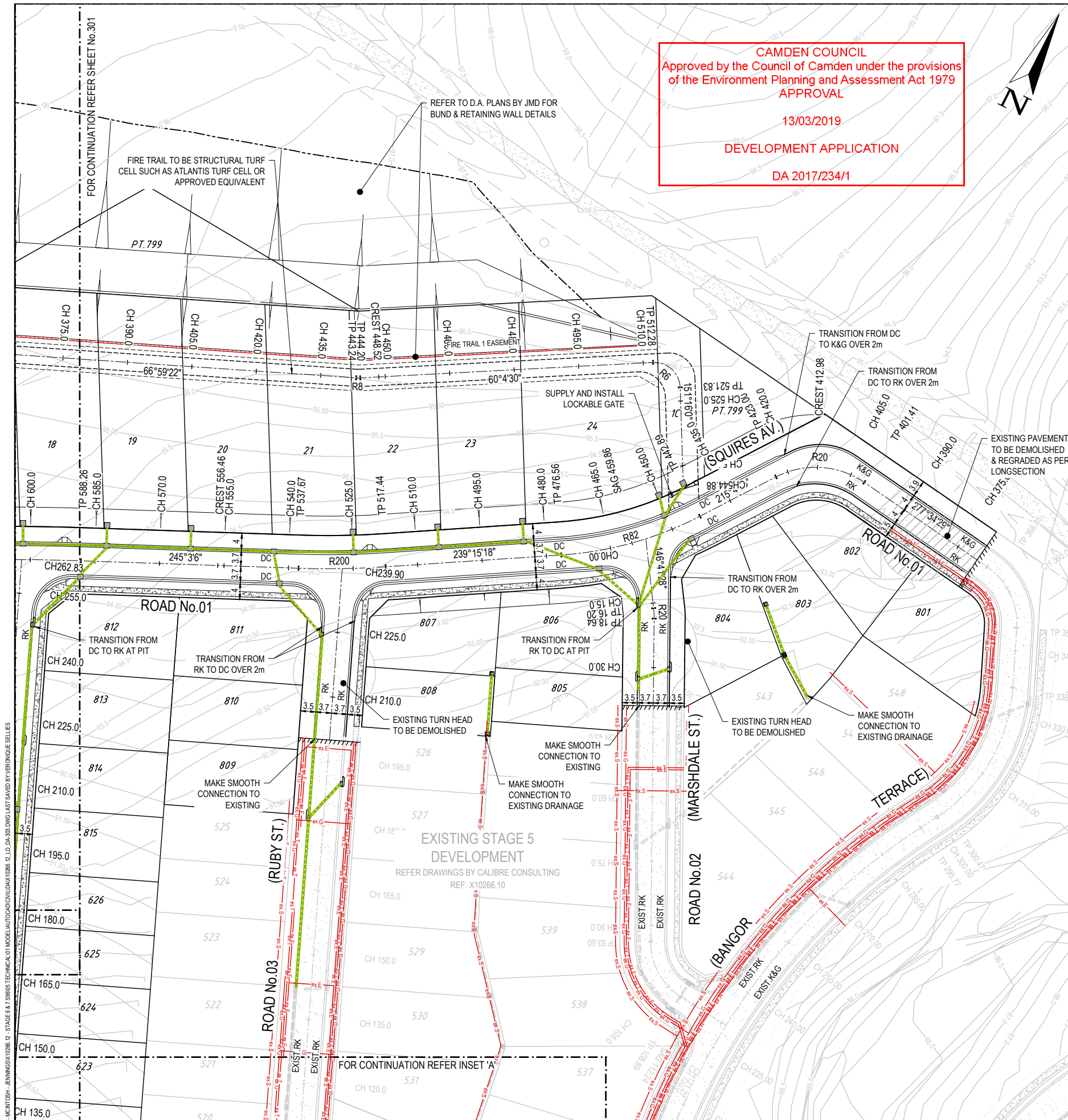


PROJECT
COBBITTY LOT 2006
STAGES 6, 7 & 8

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DRAWING TITLE			
ENGINEERING PLAN 02 OF 03			
PROJECT No.	DRAWING No.	STAGE	REVISION
X10266.12	302	6, 7 & 8	3

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13/03/2019
DEVELOPMENT APPLICATION
DA 2017/234/1



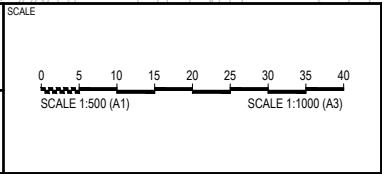
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REV	DATE	BY	CHKD	APPD	DESCRIPTION
1	23/02/2017	VC	PS	SAG	CLIENT AMENDMENTS
2	22/02/2017	VC	PS	SAG	STAGE 8 LOT LAYOUT CHANGES
3	12/04/2017	LF	RC	SAG	CLIENT AMENDMENTS
4	12/11/2018	LF	JS	RC	CLIENT AMENDMENTS

FOR
DEVELOPMENT APPLICATION

AUTHORISED FOR ISSUE:
BY: JOSEPH MEKARY
BE (Civil) (Hons) MIEAust. MBA MPM JP
SIGNED: _____
DATE: _____

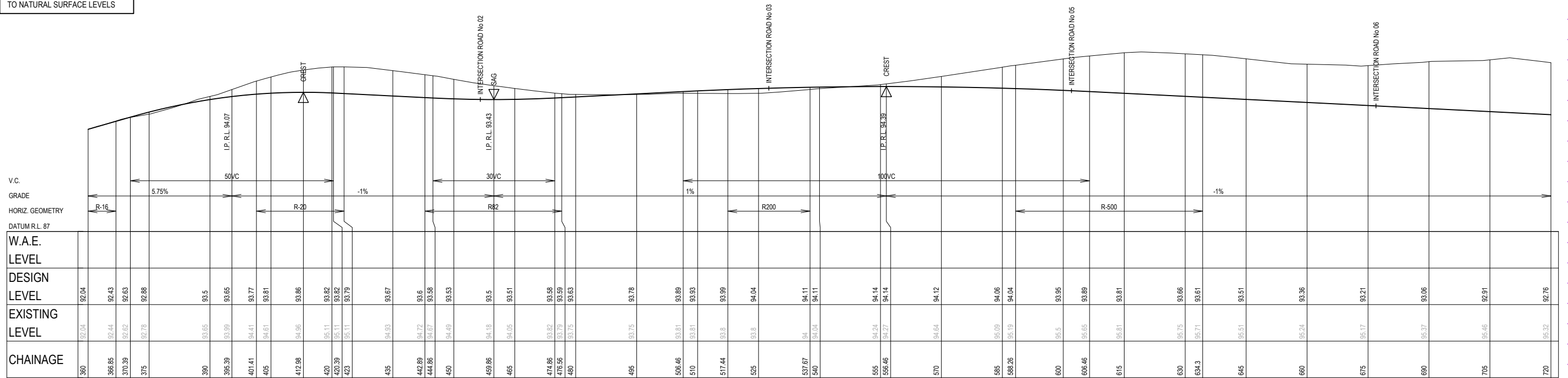


PROJECT
COBBITTY LOT 2006
STAGES 6, 7 & 8

DISCLAIMER
ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR PRIOR TO
CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY, DO NOT SCALE. NOT
FOR CONSTRUCTION UNLESS STAMPED BY CERTIFYING AUTHORITY

DRAWING TITLE	PROJECT No.	DRAWING No.	STAGE	REVISION
ENGINEERING PLAN 03 OF 03	X10266.12	303	6, 7 & 8	3

NOTE:
EXISTING LEVELS SHOWN REFER
TO NATURAL SURFACE LEVELS



LONGITUDINAL SECTION - ROAD No 01

SCALE 1:500 (H)
SCALE 1:100 (V)

CAMDEN COUNCIL
Approved by the Council of Camden under the provisions
of the Environment Planning and Assessment Act 1979
APPROVAL

13/03/2019

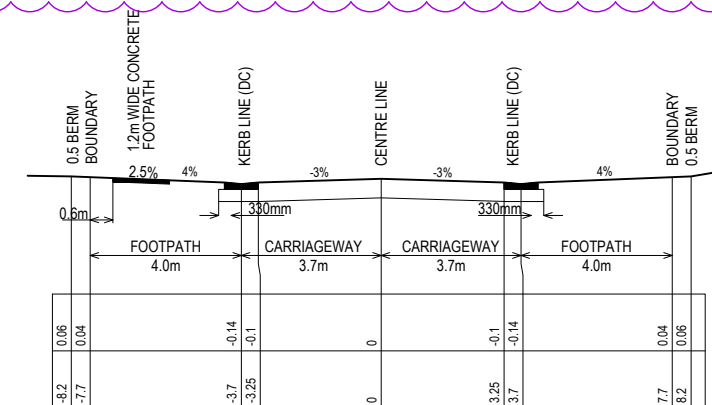
DEVELOPMENT APPLICATION

DA 2017/234/1



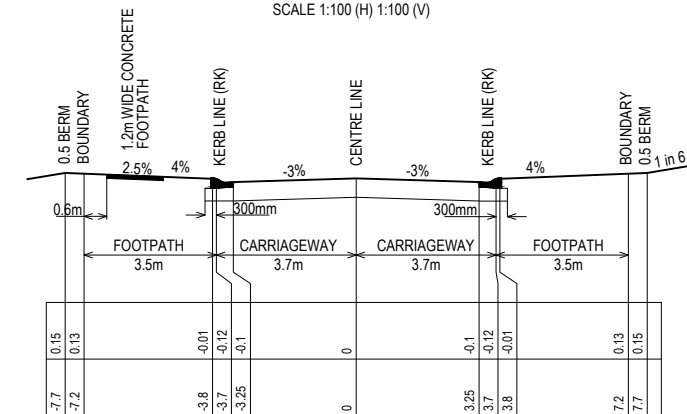
LONGITUDINAL SECTION - ROAD No 01

SCALE 1:500 (H)
SCALE 1:100 (V)



TYPICAL CROSS SECTION - ROAD No.01

CH 435 - CH 885
SCALE 1:100 (H) 1:100 (V)



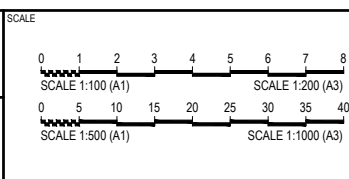
TYPICAL CROSS SECTION - ROAD No.01

CH 915 - CH 1055
SCALE 1:100 (H) 1:100 (V)

FILE: I:\WORK\PROJECTS\AV\10266_12_STAGE 6 & 7\98065 TECHNICAL\10266_12_LD_DA-01.DWG LAST SAVED BY: JED SWEENEY

FIRST ISSUE	DESIGN	DRAWN	CHECK	APPD.	DATE	AMENDMENT DETAILS
1	VC	PS	LF	SAG	23/02/2017	
2	VC	PS	LF	SAG	22/02/2017	CLIENT AMENDMENTS
3	LF	LF	RC	SAG	12/04/2017	STAGE 8 LOT LAYOUT CHANGES
4	LF	JS	RC	JM	12/11/2018	CLIENT AMENDMENTS

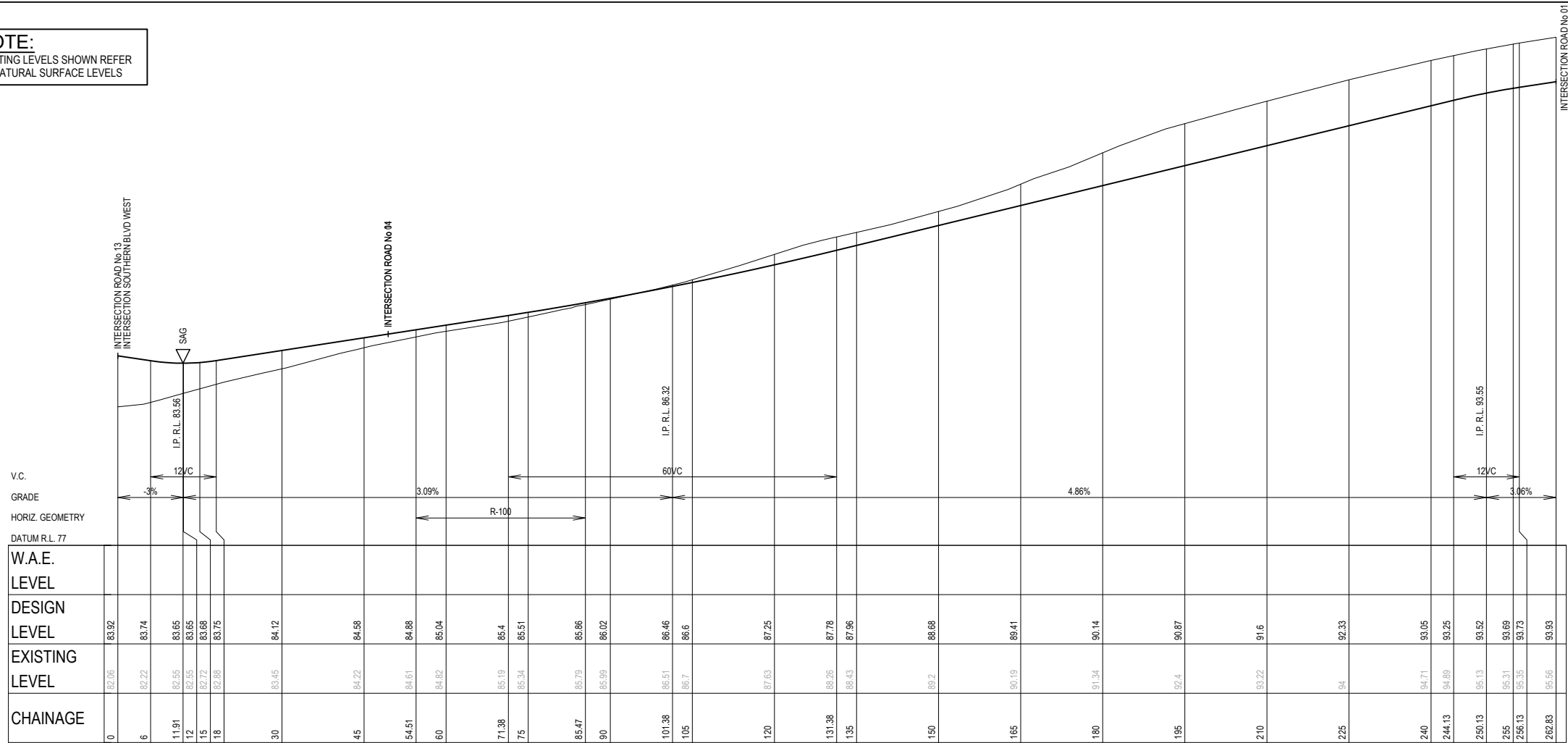
STATUS	FOR DEVELOPMENT APPLICATION
AUTHORISED FOR ISSUE:	
BY: JOSEPH MEKARY	SIGN:
BE (Civil) (Hons) MIEAust. MBA MPM JP	
DATE:	



PROJECT	COBBITTY LOT 2006 STAGES 6, 7 & 8
DISCLAIMER	ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY, DO NOT SCALE. NOT FOR CONSTRUCTION UNLESS STAMPED BY CERTIFYING AUTHORITY

DRAWING TITLE			
ROAD No. 01 LONGITUDINAL SECTIONS			
PROJECT No.	DRAWING No.	STAGE	REVISION
X10266.12	401	6, 7 & 8	3

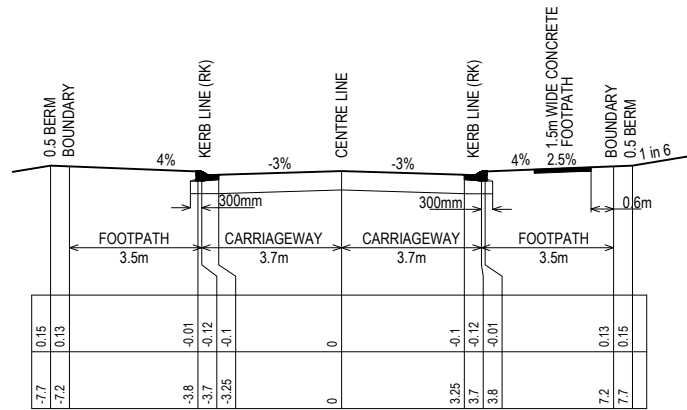
NOTE:
EXISTING LEVELS SHOWN REFER
TO NATURAL SURFACE LEVELS



CAMDEN COUNCIL
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13/03/2019
DEVELOPMENT APPLICATION
DA 2017/234/1

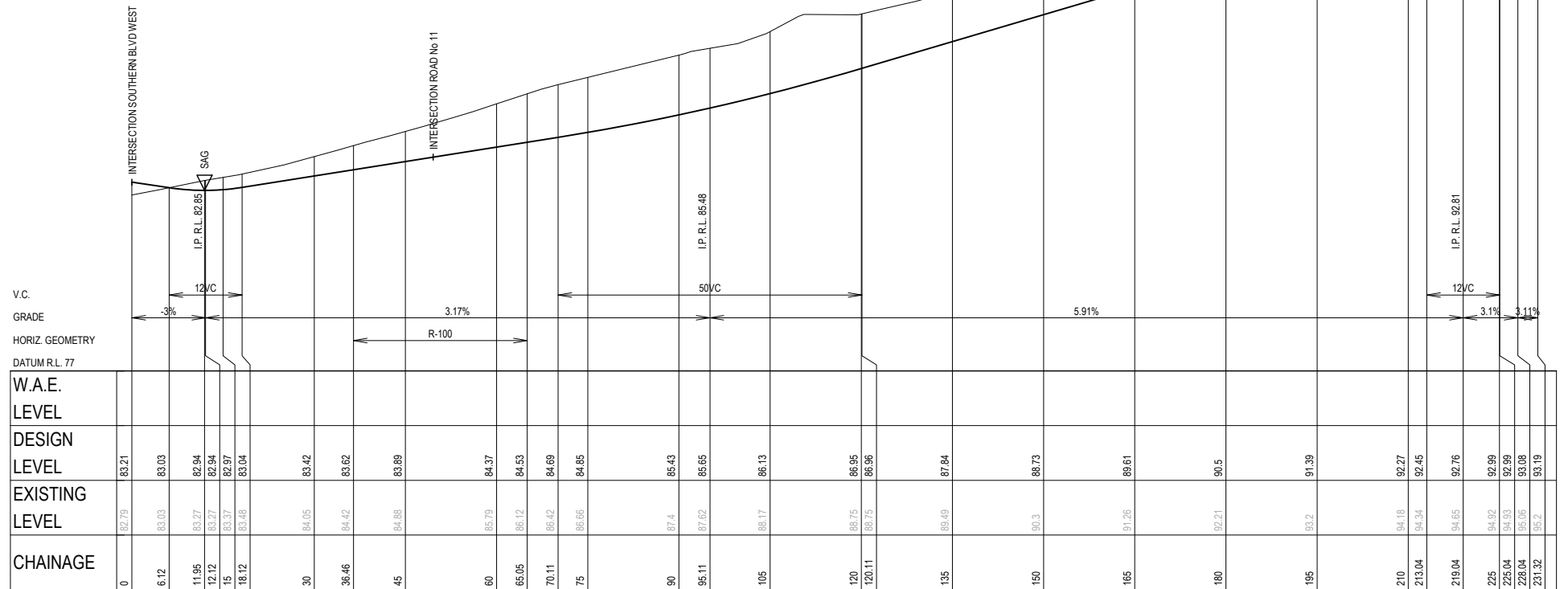
LONGITUDINAL SECTION - ROAD No 05

SCALE 1:500 (H)
SCALE 1:100 (V)



TYPICAL CROSS SECTION - ROADS No.05 & 06

SCALE 1:100 (H) 1:100 (V)

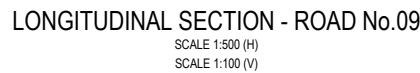
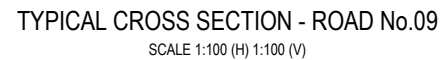
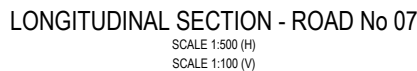


LONGITUDINAL SECTION - ROAD No 06

SCALE 1:500 (H)
SCALE 1:100 (V)

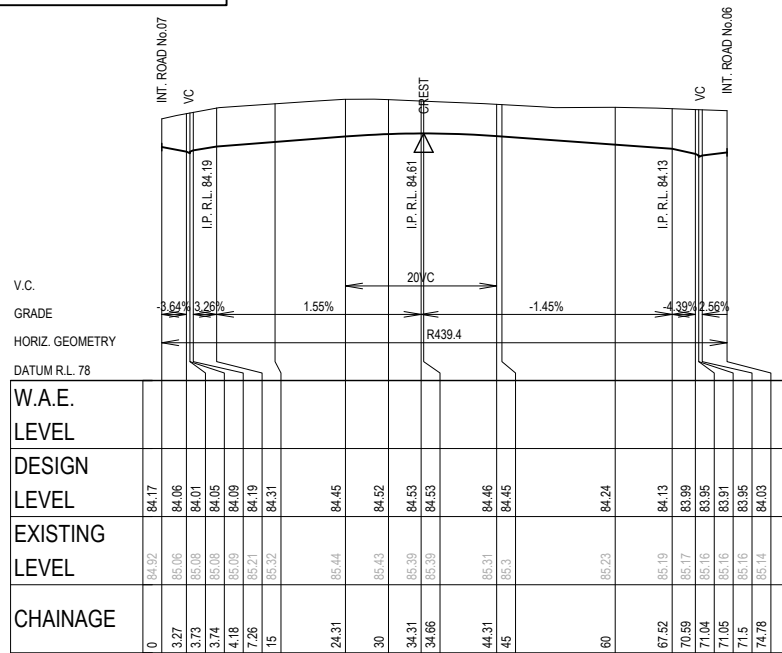
DESIGN						DRAWN		CHECK		APPRO.		DATE		AMENDMENT DETAILS										STATUS		SCALE										CLIENT		PROJECT										DRAWING TITLE													
FIRST						VC		PS		LF		SAG		23/02/2017												FOR		0 1 2 3 4 5 6 7 8										AVJennings		COBBITTY LOT 2006										ROADS No. 05 & 06											
1						VC		PS		LF		SAG		22/02/2017		CLIENT AMENDMENTS										DEVELOPMENT APPLICATION		SCALE 1:100 (A1)												STAGES 6, 7 & 8										LONGITUDINAL & TYPICAL											
2						LF		LF		RC		SAG		12/04/2017		STAGE 8 LOT LAYOUT CHANGES												0 5 10 15 20 25 30 35 40												DISCLAIMER										PROJECT No.											
3						LF		JS		RC		JM		12/11/2018		CLIENT AMENDMENTS										AUTHORISED FOR ISSUE:		SCALE 1:500 (A1)												CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY, DO NOT SCALE. NOT										DRAWING No.											
																										BY: JOSEPH MEKARY		SIGN:												© 2017		www.calibreconsulting.co										STAGE									
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CAMDEN COUNCIL
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APPROVAL
13/03/2019
DEVELOPMENT APPLICATION
DA 2017/234/1



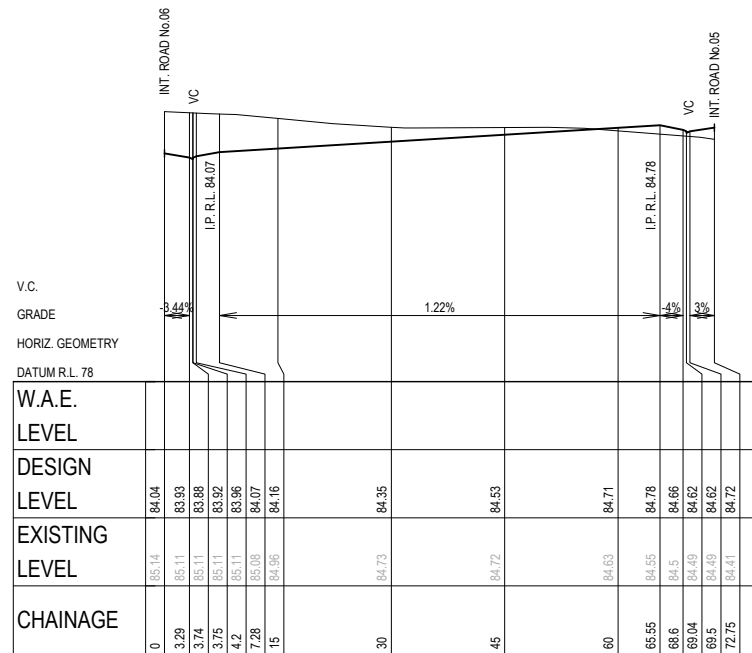
FILE: \\SYDNAS01\PROJECTS\10\X10266 - MCINTOSH - JENNINGS\10266.12 - STAGE 6 & 7 S96\05 TECHNICAL\01 MODEL\AUTOCAD\CIVIL\X10266.12_LD_DA-404.DWG LAST SAVED BY: JED SWEENEY

NOTE:
EXISTING LEVELS SHOWN REFER
TO NATURAL SURFACE LEVELS



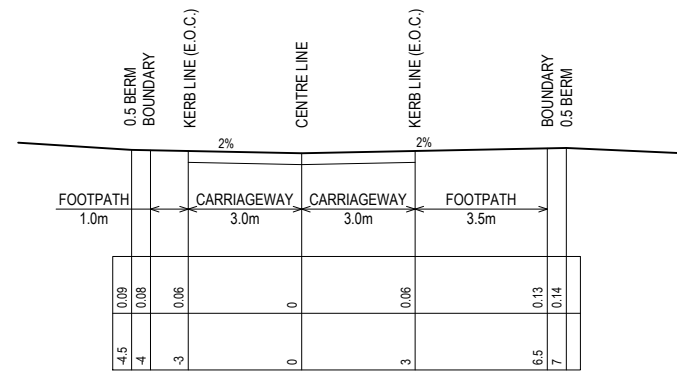
LONGITUDINAL SECTION - ROAD No.10

SCALE 1:500 (H)
SCALE 1:100 (V)



LONGITUDINAL SECTION - ROAD No.11

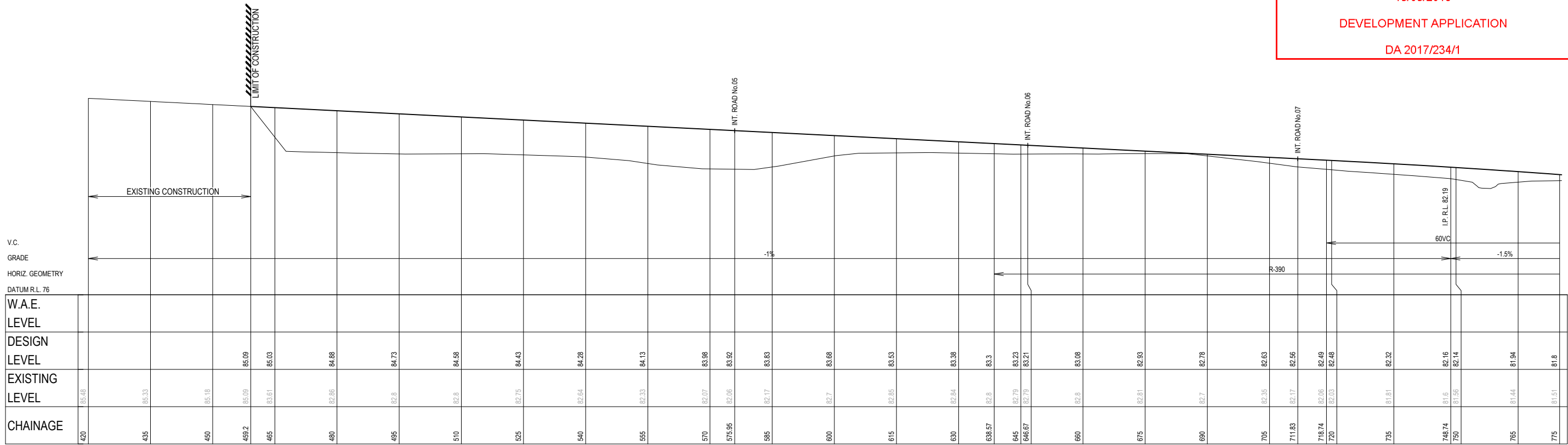
SCALE 1:500 (H)
SCALE 1:100 (V)



TYPICAL CROSS SECTION - ROADS No.10 & 11

SCALE 1:100 (H) 1:100 (V)

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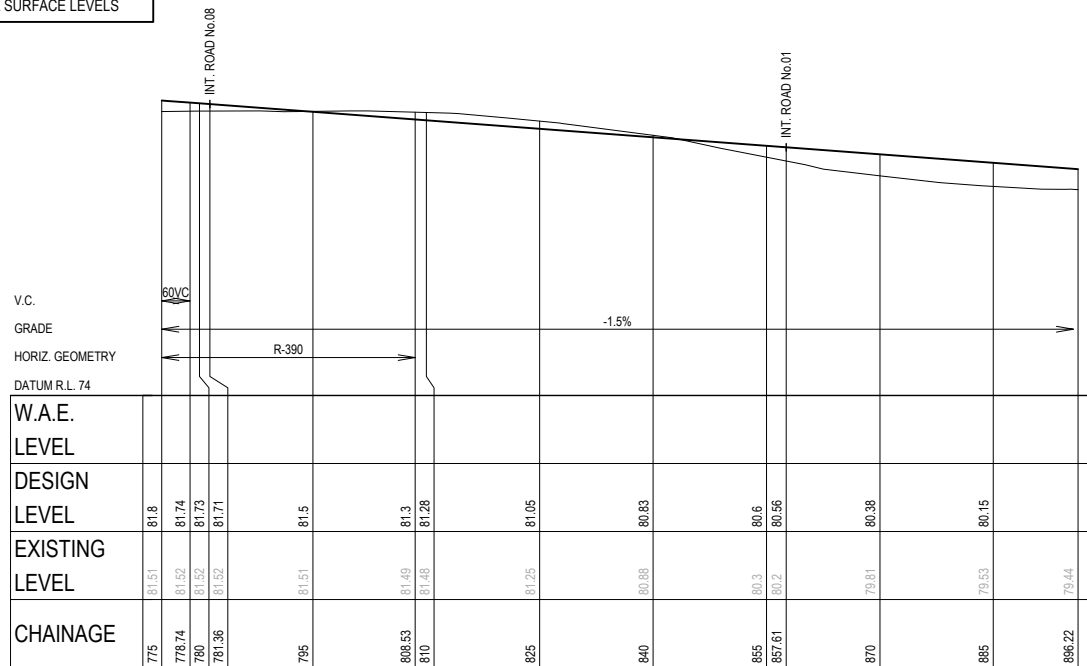


LONGITUDINAL SECTION - SOUTHERN BLVD WEST

SCALE 1:500 (H)
SCALE 1:100 (V)

DESIGN						DRAWN						CHECK						APPD.						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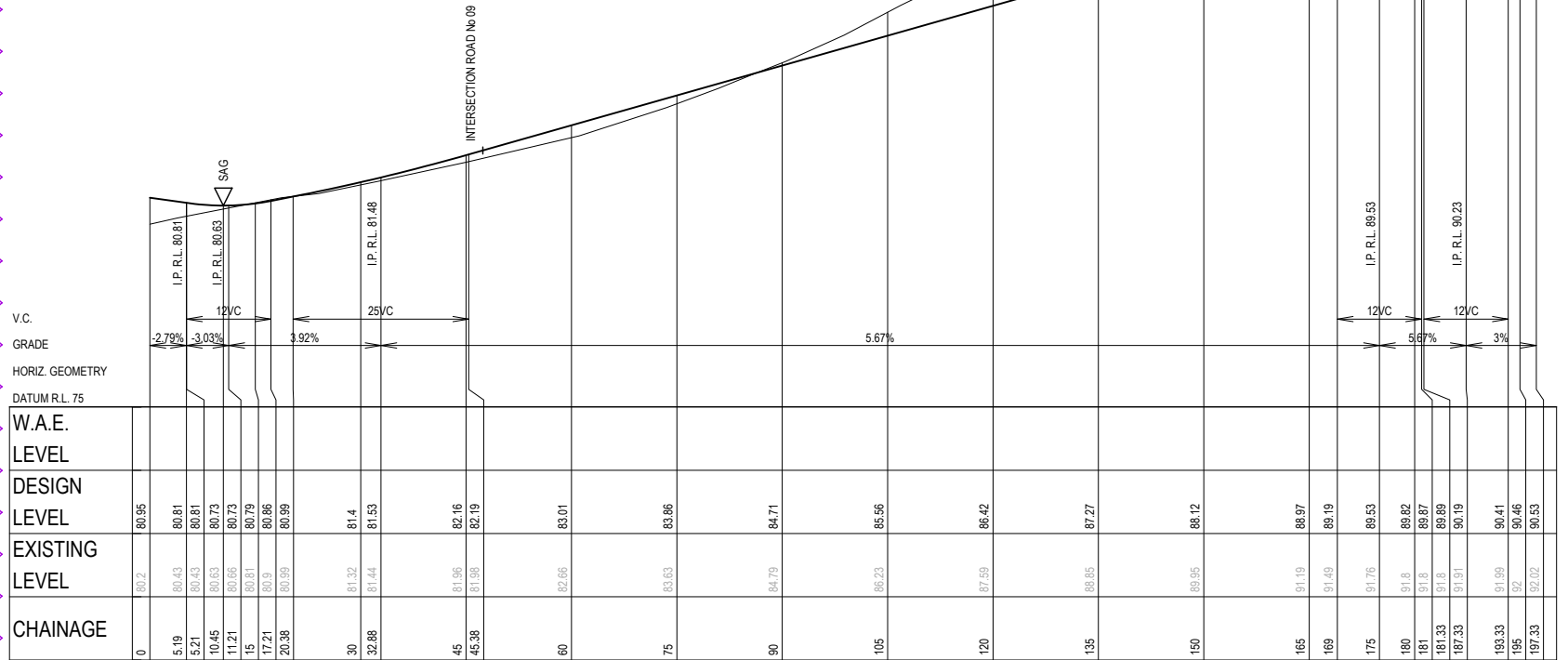
NOTE:
EXISTING LEVELS SHOWN REFER
TO NATURAL SURFACE LEVELS



LONGITUDINAL SECTION - SOUTHERN BLVD WEST

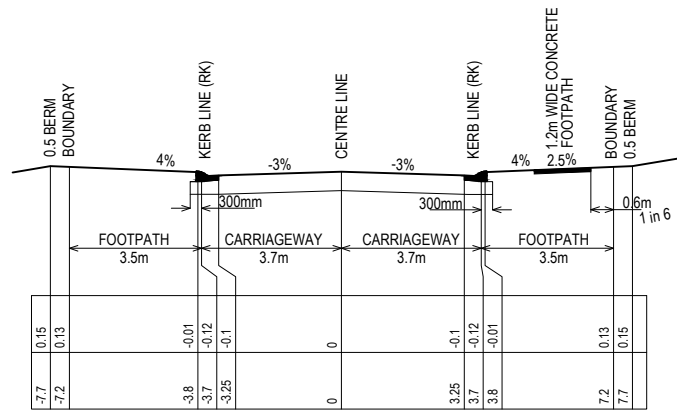
SCALE 1:500 (H)
SCALE 1:100 (V)

CAMDEN COUNCIL
Approved by the Council of Camden under the provisions
of the Environment Planning and Assessment Act 1979
APPROVAL
13/03/2019
DEVELOPMENT APPLICATION
DA 2017/234/1



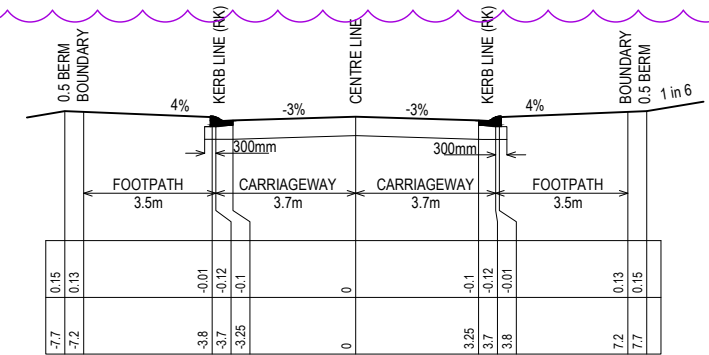
LONGITUDINAL SECTION - ROAD No 16

SCALE 1:500 (H)
SCALE 1:100 (V)



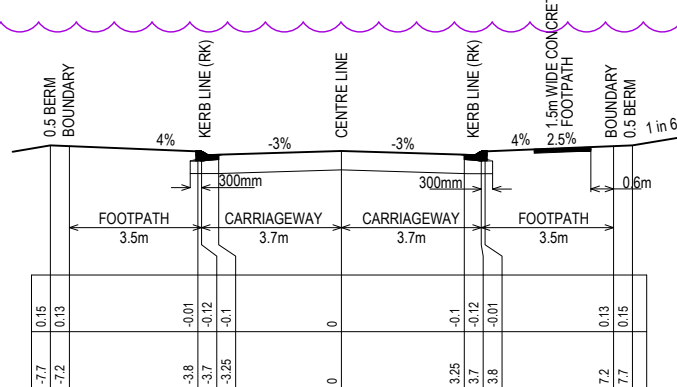
TYPICAL CROSS SECTION - ROADS No.16

SCALE 1:100 (H) 1:100 (V)



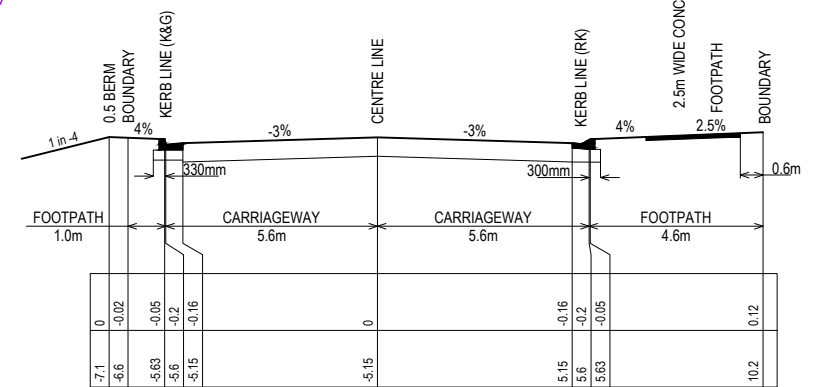
TYPICAL CROSS SECTION - ROAD No. 12

SCALE 1:100 (H) 1:100 (V)



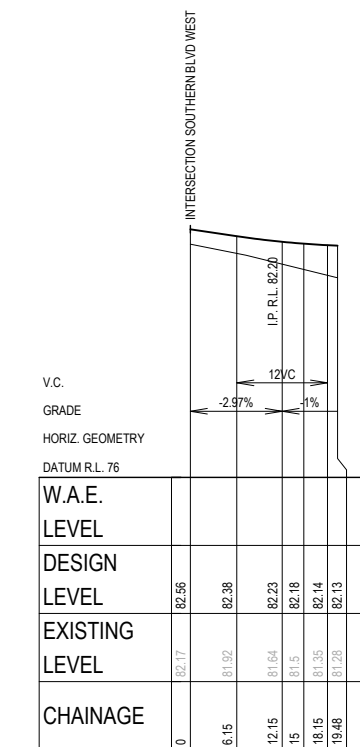
TYPICAL CROSS SECTION - ROAD No. 15

SCALE 1:100 (H) 1:100 (V)



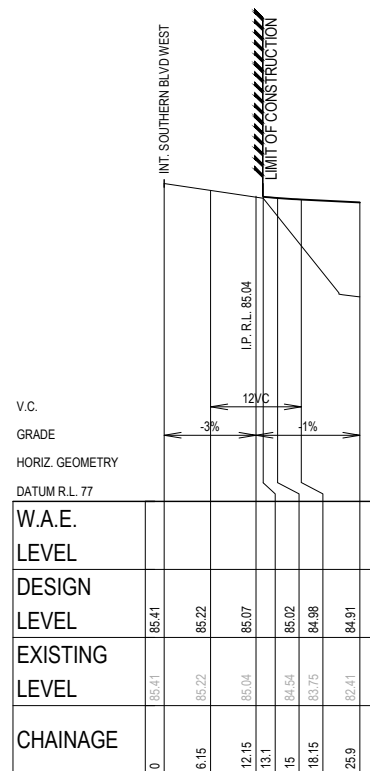
TYPICAL CROSS SECTION - SOUTHERN BLVD WEST

SCALE 1:100 (H) 1:100 (V)



LONGITUDINAL SECTION - ROAD No.12

SCALE 1:500 (H)
SCALE 1:100 (V)

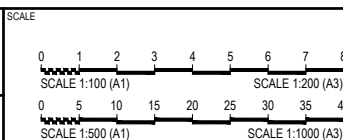


LONGITUDINAL SECTION - ROAD No.15

SCALE 1:500 (H)
SCALE 1:100 (V)

AMENDMENT DETAILS						
FIRST ISSUE	DESIGN	DRAWN	CHECK	APPD.	DATE	
1	VC	PS	LF	SAG	23/02/2017	
2	VC	PS	LF	SAG	22/02/2017	CLIENT AMENDMENTS
3	LF	LF	RC	SAG	12/04/2017	STAGE 8 LOT LAYOUT CHANGES
4	LF	JS	RC	JM	12/11/2018	CLIENT AMENDMENTS

FOR DEVELOPMENT APPLICATION	
AUTHORISED FOR ISSUE:	
BY: JOSEPH MEKARY	SIGN:
BE (Civil) (Hons) MIEAust. MBA MPM JP	
DATE:	



PROJECT			
COBBITTY LOT 2006 STAGES 6, 7 & 8			
DISCLAIMER ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY, DO NOT SCALE. NOT FOR CONSTRUCTION UNLESS STAMPED BY CERTIFYING AUTHORITY			

DRAWING TITLE			
ROADS No. 12, 15, 16 & SOUTHERN BLVD. WEST LONGITUDINAL & TYPICAL CROSS SECTIONS			
PROJECT No.	DRAWING No.	STAGE	REVISION
X10266.12	406	6, 7 & 8	3

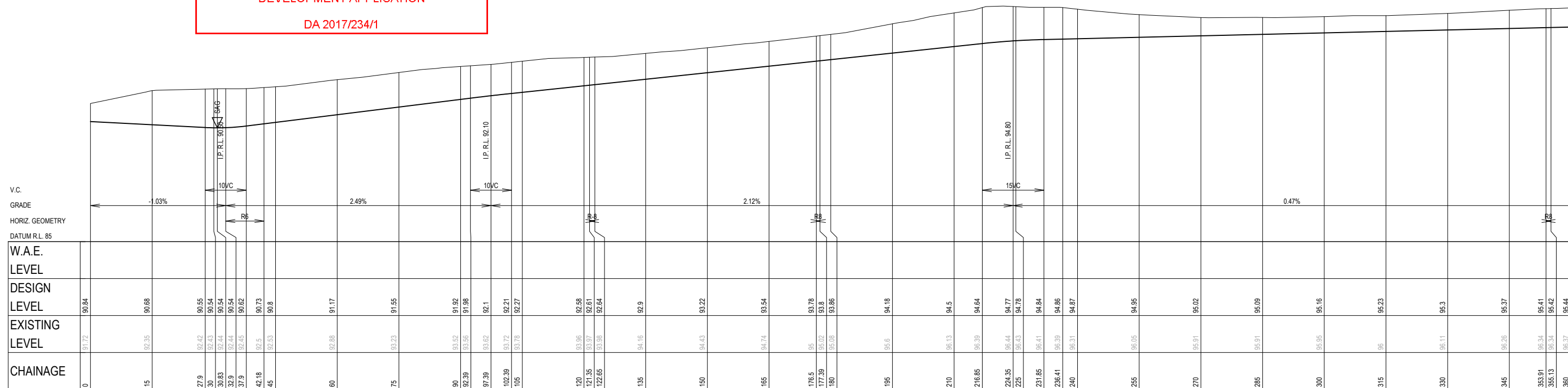
NOTE:
EXISTING LEVELS SHOWN REFER
TO NATURAL SURFACE LEVELS

CAMDEN COUNCIL Approved by the Council of Camden under the provisions of the Environment Planning and Assessment Act 1979 APPROVAL

13/03/2019

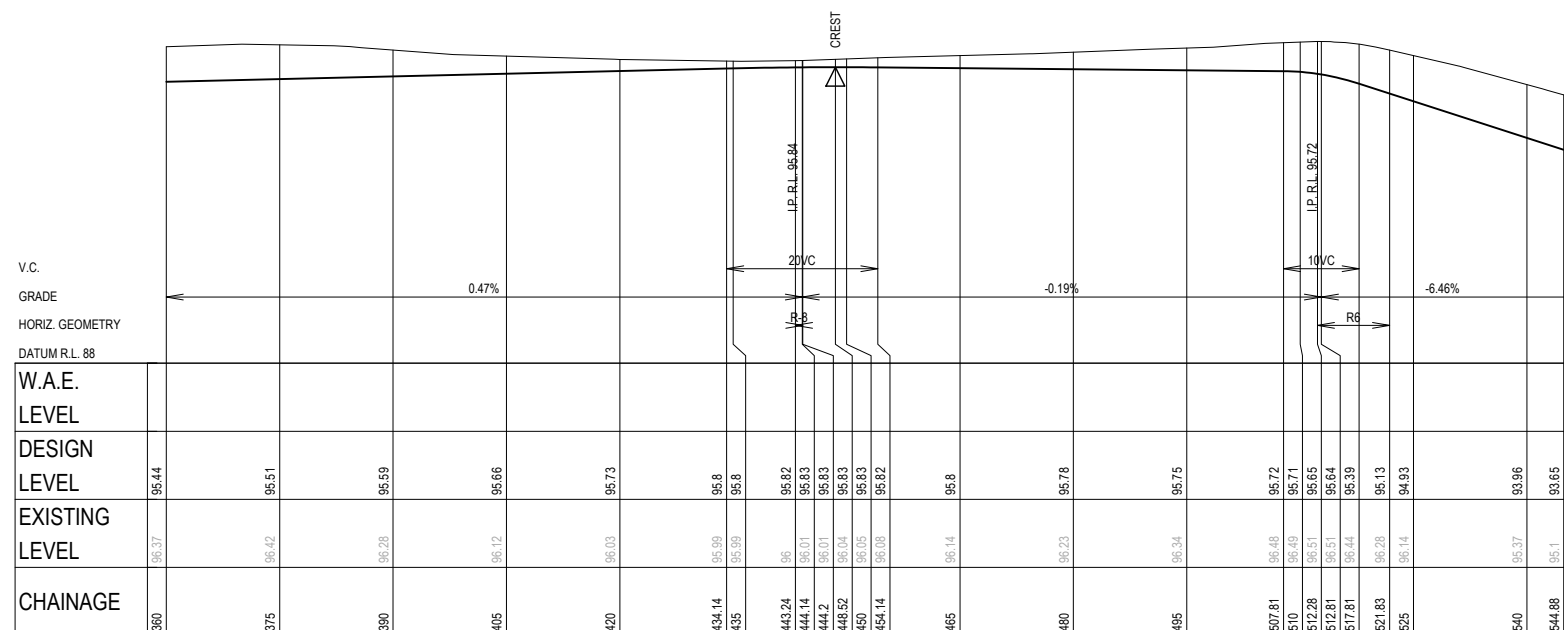
DEVELOPMENT APPLICATION

DA 2017/234/1



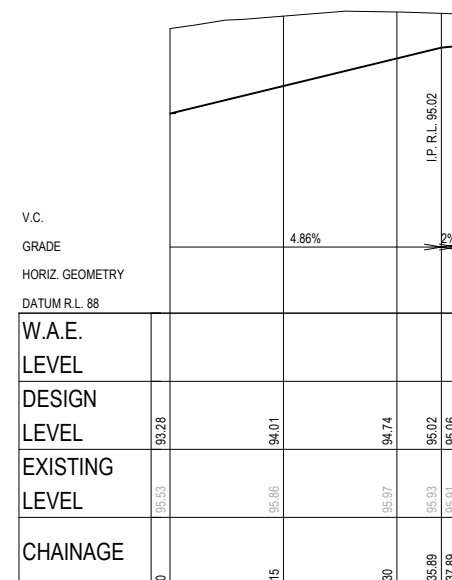
LONGITUDINAL SECTION - FIRE TRAIL 01

SCALE 1:500 (H)
SCALE 1:100 (V)



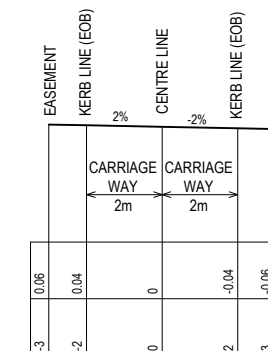
LONGITUDINAL SECTION - FIRE TRAIL 01

SCALE 1:500 (H)
SCALE 1:100 (V)



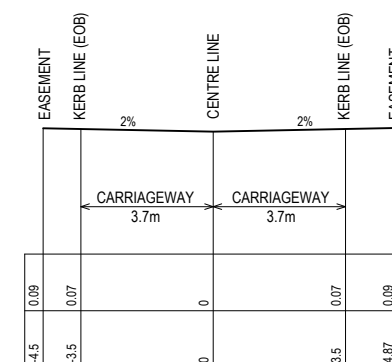
LONGITUDINAL SECTION - FIRE TRAIL 02

SCALE 1:500 (H)
SCALE 1:100 (V)



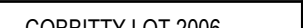
TYPICAL CROSS SECTION - FIRE TRAIL 02

SCALE 1:100 (H) 1:100 (V)



TYPICAL CROSS SECTION - FIRE TRAIL 02

SCALE 1:100 (H) 1:100 (V)

AMENDMENTS	DESIGN	DRAWN	CHECK	APPD.	DATE	AMENDMENT DETAILS		STATUS FOR DEVELOPMENT APPLICATION AUTHORISED FOR ISSUE: BY: JOSEPH MEKARY SIGN: BE (Civil) (Hons) MIEAust. MBA MPM JP DATE:	SCALE 0 1 2 3 4 5 6 7 8 SCALE 1:100 (A1) SCALE 1:200 (A3) 0 5 10 15 20 25 30 35 40 SCALE 1:500 (A1) SCALE 1:1000 (A3)	CLIENT 	 © 2017 www.calibreconsulting.co	PROJECT COBBITTY LOT 2006 STAGES 6, 7 & 8 DISCLAIMER ALL DIMENSIONS TO BE CHECKED ON SITE BY CONTRACTOR PRIOR TO CONSTRUCTION. USE WRITTEN DIMENSIONS ONLY. DO NOT SCALE. NOT FOR CONSTRUCTION UNLESS STAMPED BY CERTIFYING AUTHORITY	DRAWING TITLE FIRE TRAIL 1 AND 2 LONGITUDINAL PROJECT No. DRAWING No. STAGE REVISION X10266.12 407 6, 7 & 8 3
	1	VC	PS	LF	SAG	23/02/2017	CLIENT AMENDMENTS						
	2	VC	PS	LF	SAG	22/02/2017	STAGE 8 LOT LAYOUT CHANGES						
	3	LF	LF	RC	SAG	12/04/2017	CLIENT AMENDMENTS						
	4	LF	JS	RC	JM	12/11/2018							
	5												
	6												
	7												
	8												
	9												