PROPOSED RESIDENTIAL SUBDIVISION CIVIL DESIGN PLANS

300mm

8—

- G1 ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH COUNCILS 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:
- FOLLOWING INSTALLATION OF EROSION AND SEDIMENT CONTROL STRUCTURES/MEASURES. (A)
- PRIOR TO BACKFILLING PIPELINES, SUBSOIL DRAINS AND DAMS. (B)
- PRIOR TO CASTING OF PITS AND OTHER CONCRETE STRUCTURES, INCLUDING KERB AND GUTTER BUT (C)FOLLOWING PLACEMENT OF FOOTINGS, FORMWORK, AND REINFORCEMENT.
- 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.
- PRIOR TO BACKFILLING PUBLIC UTILITY CROSSINGS IN ROAD RESERVES.
- FINAL INSPECTIONS AFTER ALL WORKS ARE COMPLETED AND WORKS AS EXECUTED PLANS HAVE (G) BEEN SUBMITTED TO COUNCIL.
- G3 NO TREES ARE TO BE REMOVED UNLESS APPROVAL IS GRANTED BY COUNCILS 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 COUNCILS 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.

- 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 200 MM.
- 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.
- ALL BATTERS ARE TO BE SCARIFIED TO A DEPTH OF 50 MM TO ASSIST WITH ADHESION OF TOP SOIL TO E5 BATTER FACE. PROVIDE MINIMUM 150 MM AND MAXIMUM 300 MM TOPSOIL WITH ON FOOTPATHS, FILLED AREAS AND ALL E6
- 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.
- 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.
- A MINIMUM 1 METRE WIDE, CONTINUOUS STRIP OF COUCH GRASS SHALL BE PLACED BEHIND THE BACK OF ALL KERBS AND 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.

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А	ORIGINAL ISSUE	RA	08/07/20	DISCLAIMER	
В	REMOVING A PIPE - FROM SJB 07.08.20	RA	07/09/20	El autralia accepts no responsibility for the accuracy or for any consequence resulting from the use or alteration of this drawing in electronic form. Drawings in electronic	
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- 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 COUNCILS STANDARD AND LINTELS CENTRALLY PLACED AT SAG PITS.
- JST 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 INTERALLOTMENT DRAINAGE MUST HAVE A MINIMUM PIPE DIAMETER OF 150 MM AND A MINIMUM GRADE OF 1% UNLESS OTHERWISE APPROVED BY THE COUNCIL ENGINEER.
- _OTMENT DRAINAGE LINES MUST BE LAID CENTRALLY WITHIN DRAINAGE EASEMENTS. INSPECTION PITS MUST BE PROVIDED AT ALL CHANGES OF GRADE AND DIRECTION
- S9 INTERALLOTMENT DRAINAGE LINES MUST BE INSTALLED AFTER SYDNEY WATER SEWERAGE LINES HAVE BEEN INSTALLED WHERE SEWER IS PROPOSED ADJACENT TO INTERALLOTMENT 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 COUNCILS 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.

LIST OF DRAWINGS.	ISSUE No.
1 COVER SHEET, SITE PLAN, GENERAL NOTES	В
2 SURVEY PLAN	Α
3 SOIL & SEDIMENT MANAGEMENT PLAN	\mathbf{A}
4 PROPOSED PLAN	В
5 LONG SECTION - NEW EOAD	\mathbf{A}
6 CROSS SECTIONS - NEW ROAD	Α
7 KERB RETURN LONG SECTION – NEW ROAD	\mathbf{A}
8 COUNCIL STANDARD DRAWINGS AND DETAILS PLAN	Α
9 DRAINAGE PLAN	В
10 DRAINAGE LONGSECTION	Α
11 DRAINAGE LONGSECTION 2	Α
12 DRAINAGE LONGSECTION 3	Α
13 CUT AND FILL	\mathbf{A}

Enginee





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COVER SHEET





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	FOR DA APPROVAL								
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CITY OF CANTERBURY BANKSTOWN

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Client

Project PROPOSED RESIDENTIAL FLA 149-163 MILTON STREET, ASHBURY NS (Lots B & C DP 30778)

ASHBURY FMBM PTY LTD

Engineer

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	RL34.4m														
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OFFSET	-12 00	09.6-	-9.05	-6.50	-6.49	-6.05	- 3.50	00.0	3.50	د 10 م	679	6.50	9.05	9.78	12.00

-3% 1 in RL34.5m 36.380 36.230 36.270 DESIGN 36.256 36.256 36.227 162 EXISTING -6.50 -6.49 -6.05 OFFSET

RL3	34.6m	1 in 4	3%		-3%	-3%	-3%	-3%		3%	1 in 4	
DESIGN	36.204	36.776	36.716	36.566 36.606	36.682	36.787	36.682	36.606 36.566	36.716	36.778	37.299	
EXISTING	36.204 36.204	36.203	36.186	36.186 36.183	36.163	36.741	37.189	37.223 37.223	37.230	37.278	37.299	37.308
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Project PROPOSED RESIDENTIAL FLA 149-163 MILTON STREET, ASHBURY N! (Lots B & C DP 30778) Title

PROPOSED PLAN - NE

Engineer

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Client

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Ch 116.91 m

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37.568	37.465	37.388	37.348	37.498	37.570	38.078
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JOINT ROAD	BASE	DISH DRAIN	WITH \$2 A	(14	
AS REQUIR	ED. SEE NOTE 3 SE				
		\odot			
	NOTES				
1	THE PAVEMENT DESIGN ASSUMES AT GROUPS (DHVAG) OF 5x18 ⁶ .	MINIMUM COR OF 2% AND DE	SIGN HEAVY VE	HCLE AXLE	
2.	EXISTING ROAD BASE CAN BE UTILIS HODIFIED. OTHERWISE REPLACE WITH	ED IF 158 THICK (MIN) AND CA 158 DGS28 ROAD BASE COM	IN BE COMPACTO PACTED TO 953	ED TO 95% K MODIFED.	
1	FOR NEW PLACED ROAD BASE A GEO GEOTEXTILEI SHALL BE PLACED WHE	COMPOSITE LAYER (30/30 6 RE THE SUBGRADE CBR IS +	RID & RMS CLAS 3%. FOR SUBGR	IS C1 ADE -2% OR	
	DHVAG -5 x10 ⁶ USE SUBBASE OF 150 GEOTEXTILE/GEOCOMPOSITE AS A DI MASE	Inn SHPALEAN MIX CONCREE EBONDING LAYER BETWEEN	TE WITH RMS CL SUBBASE AND C	ASS C1 INCRETE	
4.	CONCRETE TO BE SPUIH RAPO SET (HIX TO RMS/RTA SPEC RTA	201. STEEL REI	NFORCEMENT	
	TO BE GALVANIZED WHEN SP46H CO TRAFFIC FOR 12 HOURS AFTER POUR	NCRETE IS USED. SP40H PAV NG	VEMENT IS TO BE	: CLOSED TO	
5.	ALTERNATIVE SP40 CONCRETE MAY ROAD CLOSURE TO TRAFFIC AFTER P	be used if the superinter Ouring	ident approve	S A 2 DAY	
6.	ALL JOINTS TO EXISTING WORKS TO	BE SAWCUT.			
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	ISOLATION JOINT			SEE NOTE 14)	
\sum	THE COMPACTED			DES29 ROAD BASE	
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	P72 WITH SO TOP COVER	MI DESRAILE MAX	BOT	VIDE DUNHY JOINT H SIDES OF RAMP	
8 6/	AT ALL EDGES ADJOINING HARD SURFACES	7		RADE ON WING RABLE IN FULL TH FOOTPAVING	
	HOM KERD LINE	August 1	λ.		
	1		SAV AND ISOL	GUT EXISTING KERB GUTTER, PROVIDE ATION JOINTS, BOTH	
		1288 OR	, spe	5	
600 OWSET	411/051	SHE NOTE 14	499/13 (SEE NOT	54 E 4)	
WFENNIENDANT IS TO BE NO 107 1 IN & TACTILES ARE RED	IURED IF TL ISOLATION JOINTS TO BE (USING 18nn BITUMINOUS FIL	PROVIDED FULL DEPTH AT AL	L EDGES ADJOINI	NS HARD SURFACES	
	12. CONCRETE SURFACES TO B TRAVEL. 13. ADJUST ADJUDHING CONCRE	E HEDUH BROOM FINISH ACRO	SS THE DIRECTION	H OF PEDESTRIAN	
H PEDESTRIAN TRAFFIC LOCAL MITHIN PAINT LINES, AT TRAFF	RAMP LEVELS IN A SEPARA ITTES 14. BOXING ALONG UP GUTTER	ATE CONCRETE POUR. Is to be backfilled with H	IOT HIX AC IN CON	PACTED LAYERS	
N OUTEDE CROSSING LINE . PR	OVIDE 5. TACTILE GROUND SURFACE - IF RAMP GRADIENT FLATT	INDICATORS (TGS) MAY BE R ER THAN 14.5,	EQUIRED AS FOLL	ows.	
LOW FOR ADJOINING STRUCT	URES AS - IN PEDESTRIAN REFUGES I - WHERE THE ROAD CROSS	JTH HASBE, ISLANDS AND MEDIANS, ING LOCATION IS NOT IN LINE !	with the pedex	TRIAN DIRECTION OF	
TANGENT IN FULL WIDTH FOOT	- REFER TO BCC STD DWG	S-012 FOR TGSI INSTALLATIO Sing DEEP GROOVE AND ARE	H DETAILS. TO BE FINISHED (WITH AN APPROVED	
WING. AT CHANGES OF GRADE AT	TOOL. WINES & 17. FOR FOOTPAVING CONNECT PROVIDE TYPE 52 OR 531	10N -600mm PROVIDE TYPE ST SPLAYS IN HIGH PEDENTIBLIN I	OR S2 SPLAYS 1 ISASE SITUATION	TYPICALLY.	
HUM SIZE AGGREGATE IN ACCO RETE GRADED TO DISSE OR DA	DRDANCE PROVIDE TYPE S3 SPLAY	S FOR CYCLEPATHS AND SHAL	LED PATHS.	A DWG. RE356-11	
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	CTA	NDADD	1 SAMIN	5-003	
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	PLANS, SECTIONS	AND GENERAL NOTES		FL Note S-113.dvg	
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	Revision	Amendment	Approved	Revision Date	COPYRIGHT - ALL RIGHTS RESERVED Depying or reproducing the whole or part of this document in any form without the written permission of elasartalia constitutes an intrinsement of coevripti.	Architect LGA	Client	Engineer	Project PROPOSED RESIDENTIAL FLAT BUILDINGS AT	Drawn LD	Designed RA	Approved RA
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Client

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