



BLACKTOWN CITY COUNCIL

1. The works covered by this Engineering Construction Certificate must be inspected by Council's Engineering Development Supervisor. (Phone 9839 6587 between 7.00 am – 8.00 am or 12.30 pm – 1.30 pm weekdays, 48 hours notice must be given.)
2. All relevant engineering conditions of Notice of Determination

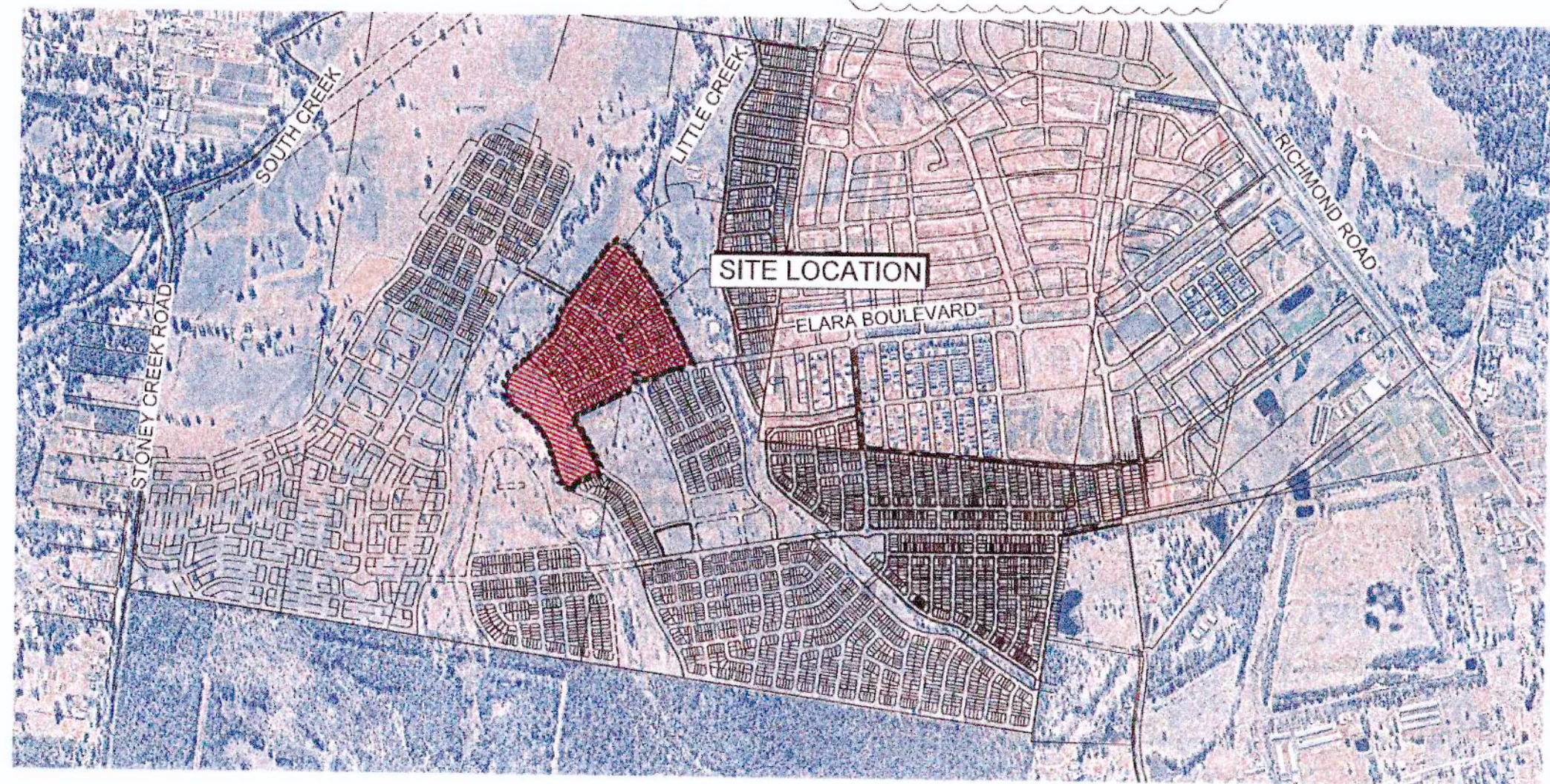
No. 16-05360 Dated 27.6.17
must be completed.

29.1.18

per [Signature]

Development Engineer

NEWPARK - PRECINCT 4
CONSTRUCTION CERTIFICATE
 PROPOSED LOT, ROAD AND DRAINAGE WORKS
 COUNCIL REF : DA-16-5360 ^A
CC-17-01759



BLACKTOWN CITY COUNCIL
Construction Certificate - Engineering
 No. 17-01759

This document forms part of the above approval issued under Section 109C(1)(b) of the Environmental Planning & Assessment Act, 1979.

Kerry Robinson
 General Manager

per: [Signature]

I hereby certify that engineering works shown on this plan have been constructed generally in accordance with the plans and specifications approved by Blacktown City Council

Signature [Signature]
IAN VINCENT MYERS
Registered Land Surveyor
VINCE MORGAN SURVEYORS PTY LTD

DATE: 06.03.19 REF: 20260-4

LOCALITY SKETCH

Prepared By:

J. WYNDHAM PRINCE
 CONSULTING CIVIL INFRASTRUCTURE ENGINEERS
 & PROJECT MANAGERS

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ISSUED FOR CONSTRUCTION APPROVAL

PLAN No.	998511/CC00	B
FILE No.	998511CC00	

Plotted December 14, 2017 File Name: J:\998511\CC - Construction Certificate Approval Plans\PK11 CENTRAL - PRECINCTS\998511CC00.dwg

DESCRIPTION	LEGEND		
	PROPOSED	EXISTING	FUTURE
VEHICULAR CROSSING			
EXTENT OF WORKS			
KERB & GUTTER			
ROLL KERB			
DISH CROSSING			
PRAM RAMP			
DRAINAGE LINE, PIT & EASEMENT			
DRAINAGE LINE & PIT			
SUBSOIL			
HEADWALL			
GROSS POLLUTANT TRAP			
GUIDE POSTS			
CONTOURS			
CATCH DRAIN			
KERB RETURN No			
ELECTRICITY, POWER POLE			
TELECOM, BOX			
WATER, STOP VALVE, HYDRANT			
SEWER, MANHOLE			
GAS			
ELECTRICAL SUBSTATION			
STREET NAME SIGNS			
SURVEY MARKS - BENCH MARKS			
STATE SURVEY MARKS			
STAGE BOUNDARY			
CATCHMENT BOUNDARY			
FLOW DIRECTION ARROW			
EXISTING NATIVE VEGETATION			
NATIVE VEGETATION RETENTION			
EASEMENT FOR MAINTENANCE ACCESS			
INDICATIVE DRIVEWAYS LOCATIONS			
RL17.3 CONTOUR			

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Signature: **IAN VINCENT MYERS**
Registered Land Surveyor
VINCE MORGAN SURVEYORS PTY LTD

DATE: 06-03-19 REF: 20260-4

BLACKTOWN CITY COUNCIL
Construction Certificate - Engineering
No: 17-01159
This document forms part of the above approval issued under Section 109C(1)(b) of the Environmental Planning & Assessment Act, 1979
Kerry Robinson
Central Manager

UTILITIES SHOWN ARE DIAGRAMMATIC ONLY. CONTRACTORS ARE RESPONSIBLE TO LOCATE AND AVOID DAMAGE TO THEM AS SPECIFIED BY EACH UTILITIES EXCAVATION GUIDE LINES & STANDARDS.

NOTE: UTILITIES SHOWN MAY NOT INCLUDE ALL SERVICES WITHIN THE LIMIT OF WORKS

CIVIL PLAN INDEX		
PLAN NO.	PLAN NAME	REV.
998511/CC00	COVER SHEET	B
998511/CC01	LEGEND, INDEX & GENERAL NOTES	D
998511/CC02	OVERALL SITE PLAN	B
998511/CC03	ROAD SETOUT PLAN	B
998511/CC04	PAVEMENT PLAN	B
998511/CC05	TYPICAL ROAD CROSS SECTIONS	B
998511/CC06	CUT & FILL PLAN	C
998511/CC07	ENGINEERING PLAN SHEET 1	B
998511/CC08	ENGINEERING PLAN SHEET 2	B
998511/CC09	ENGINEERING PLAN SHEET 3	C
998511/CC10	ENGINEERING PLAN SHEET 4	C
998511/CC11	ROAD LONGITUDINAL SECTIONS SHEET 1	C
998511/CC12	ROAD LONGITUDINAL SECTIONS SHEET 2	B
998511/CC13	ROAD LONGITUDINAL SECTIONS SHEET 3	C
998511/CC14	ROAD LONGITUDINAL SECTIONS SHEET 4	A
998511/CC15	ROAD LONGITUDINAL SECTIONS SHEET 5	A
998511/CC16	ROAD LONGITUDINAL SECTIONS SHEET 6	A
998511/CC16B	ROAD LONGITUDINAL SECTIONS SHEET 7	A
998511/CC17	ROAD CROSS SECTIONS SHEET 1	B
998511/CC18	ROAD CROSS SECTIONS SHEET 2	B
998511/CC19	ROAD CROSS SECTIONS SHEET 3	B
998511/CC20	ROAD CROSS SECTIONS SHEET 4	B
998511/CC21	ROAD CROSS SECTIONS SHEET 5	B
998511/CC22	ROAD CROSS SECTIONS SHEET 6	B
998511/CC23	ROAD CROSS SECTIONS SHEET 7	B
998511/CC24	ROAD CROSS SECTIONS SHEET 8	A
998511/CC25	ROAD CROSS SECTIONS SHEET 9	A
998511/CC26	ROAD CROSS SECTIONS SHEET 10	A
998511/CC27	ROAD CROSS SECTIONS SHEET 11	A
998511/CC28	ROAD CROSS SECTIONS SHEET 12	A
998511/CC29	ROAD CROSS SECTIONS SHEET 13	A
998511/CC30	ROAD CROSS SECTIONS SHEET 14	A
998511/CC31	KERB RETURNS SHEET 1	B
998511/CC32	KERB RETURNS SHEET 2	C
998511/CC33	KERB RETURNS SHEET 3	B
998511/CC34	KERB RETURNS SHEET 4	B
998511/CC35	KERB RETURNS SHEET 5	B
998511/CC36	KERB RETURNS SHEET 6	B
998511/CC37	KERB RETURNS SHEET 7	B
998511/CC38	KERB RETURNS SHEET 8	B
998511/CC39	KERB RETURNS SHEET 9	B
998511/CC40	KERB RETURNS SHEET 10	A
998511/CC41	KERB RETURNS SHEET 11	B
998511/CC42	CATCHMENT PLAN	B
998511/CC43	SYSTEM A - DRAINAGE LONGITUDINAL SECTIONS SHEET 1	C
998511/CC44	SYSTEM A - DRAINAGE LONGITUDINAL SECTIONS SHEET 2	C
998511/CC45	SYSTEM A - DRAINAGE LONGITUDINAL SECTIONS SHEET 3	C
998511/CC46	SYSTEM A - DRAINAGE LONGITUDINAL SECTIONS SHEET 4	C
998511/CC47	SYSTEM A - DRAINAGE LONGITUDINAL SECTIONS SHEET 5	C
998511/CC48	SYSTEM A - DRAINAGE LONGITUDINAL SECTIONS SHEET 6	C
998511/CC49	SYSTEM A - DRAINAGE LONGITUDINAL SECTIONS SHEET 7	C
998511/CC50	SYSTEM A & C - DRAINAGE LONGITUDINAL SECTIONS SHEET 8	B
998511/CC51	SYSTEM B - DRAINAGE LONGITUDINAL SECTIONS SHEET 1	C
998511/CC52	SYSTEM B - DRAINAGE LONGITUDINAL SECTIONS SHEET 2	B
998511/CC53	SYSTEM B - DRAINAGE LONGITUDINAL SECTIONS SHEET 3	B
998511/CC54	SYSTEM B - DRAINAGE LONGITUDINAL SECTIONS SHEET 4	B
998511/CC55	SYSTEM B - DRAINAGE LONGITUDINAL SECTIONS SHEET 5	B
998511/CC56	SYSTEM B - DRAINAGE LONGITUDINAL SECTIONS SHEET 6	B
998511/CC57	SYSTEM B - DRAINAGE LONGITUDINAL SECTIONS SHEET 7	B
998511/CC58	SYSTEM A - PIT SCHEDULE	C
998511/CC59	SYSTEM A - 10 YR ARI HYDROLOGIC CALCULATIONS SHEET 1	C
998511/CC60	SYSTEM A - 10 YR ARI HYDROLOGIC CALCULATIONS SHEET 2	C
998511/CC61	SYSTEM A - 20 YR ARI HYDROLOGIC CALCULATIONS	C
998511/CC62	SYSTEM A - 100 YR ARI HYDROLOGIC CALCULATIONS SHEET 1	C
998511/CC63	SYSTEM A - 100 YR ARI HYDROLOGIC CALCULATIONS SHEET 2	C
998511/CC64	SYSTEM A - 10 YR ARI HYDRAULIC CALCULATIONS	C
998511/CC65	SYSTEM A - 20 YR ARI HYDRAULIC CALCULATIONS	C
998511/CC66	SYSTEM A - 100 YR ARI HYDRAULIC CALCULATIONS	C
998511/CC67	SYSTEM B - PIT SCHEDULE	B
998511/CC68	SYSTEM B - 10 YR ARI HYDROLOGIC CALCULATIONS SHEET 1	B
998511/CC69	SYSTEM B - 10 YR ARI HYDROLOGIC CALCULATIONS SHEET 2	B
998511/CC70	SYSTEM B - 20 YR ARI HYDROLOGIC CALCULATIONS	B
998511/CC71	SYSTEM B - 100 YR ARI HYDROLOGIC CALCULATIONS SHEET 1	B
998511/CC72	SYSTEM B - 100 YR ARI HYDROLOGIC CALCULATIONS SHEET 2	B

CIVIL PLAN INDEX		
PLAN NO.	PLAN NAME	REV.
998511/CC73	SYSTEM B - 10 YR ARI HYDRAULIC CALCULATIONS	B
998511/CC74	SYSTEM B - 20 YR ARI HYDRAULIC CALCULATIONS	B
998511/CC75	SYSTEM B - 100 YR ARI HYDRAULIC CALCULATIONS	B
998511/CC76	SYSTEM C - PIT SCHEDULE, 10 YR & 100 YR ARI HYDROLOGIC & HYDRAULIC CALCULATIONS	A
998511/CC77	SPECIAL PIT B05'17	B
998511/CC78	BASIN DETAIL PLAN	C
998511/CC79	BASIN OUTLET DETAIL PLAN	C
998511/CC80	BASIN DETAILS	B
998511/CC81	RAINGARDEN PLAN	B
998511/CC82	RAINGARDEN DETAILS	B
998511/CC83	SEDIMENTATION CALCULATIONS	A
998511/CC84	RETAINING WALL	B
998511/CC85	SOIL AND WATER MANAGEMENT PLAN	B
998511/CC87	SIGNAGE AND LINEMARKING SHEET 1	A
998511/CC88	SIGNAGE AND LINEMARKING SHEET 2	A
998511/CC89	SIGNAGE AND LINEMARKING SHEET 3	B
998511/CC90	SIGNAGE AND LINEMARKING SHEET 4	A
998511/CC91	LOT 4087 DRIVEWAY DETAIL	A

- ### GENERAL NOTES
- ALL WORKS ARE TO BE IN ACCORDANCE WITH BLACKTOWN CITY COUNCIL'S ENGINEERING GUIDE FOR DEVELOPMENT & WORKS SPECIFICATION - CIVIL 2005.
 - SURVEY MARKS -
 - SURVEY MARKS SHOWN THIS SHALL BE RETAINED AT ALL TIMES, WHERE RETENTION IS NOT POSSIBLE THE SUPERINTENDENT MUST BE NOTIFIED AND CONSENT RECEIVED PRIOR TO THEIR REMOVAL.
 - THE CONTRACTOR SHALL LOCATE AND LEVEL ALL EXISTING SERVICES PRIOR TO COMMENCING CONSTRUCTION AND MAKE ARRANGEMENTS WITH THE RELEVANT AUTHORITY TO RELOCATE OR ADJUST IF NECESSARY.
 - THE CONTRACTOR SHALL NOT ENTER UPON NOR DO ANY WORK WITHIN ADJACENT LANDS WITHOUT THE WRITTEN PERMISSION OF THE OWNERS. TO BE PROVIDED PRIOR TO THE APPROVAL OF THE PLANS.
 - THE CONTRACTOR SHALL MAINTAIN SERVICES AND ALL WEATHER ACCESS AT ALL TIMES TO ADJOINING PROPERTIES.
 - NO TREE SHALL BE FELLED, LOPPED OR REMOVED WITHOUT THE PRIOR APPROVAL OF COUNCIL'S ENGINEER.
 - TREES TO BE RETAINED ON SITE SHALL BE PROTECTED BY SUITABLE STURDY APPROVED PROTECTIVE FENCING PRIOR TO COMMENCEMENT OF SITE WORKS.
 - THE CONTRACTOR SHALL CLEAR THE SITE BY REMOVING ALL RUBBISH, FENCES, OUT-HOUSES, CAR BODIES AND DEBRIS ETC.
 - FILLING IS TO BE FROM A NOMINATED SOURCE, OF SOUND CLEAN MATERIAL FREE FROM LARGE ROCK, STUMPS, CONTAMINATED MATTER, INDUSTRIAL AND BUILDING WASTE, ORGANIC MATTER AND OTHER DEBRIS. PLACING OF FILLING ON THE PREPARED AREAS SHALL NOT COMMENCE UNTIL THE AUTHORITY TO DO SO HAS BEEN OBTAINED FROM THE COUNCIL.
 - THE FILL MATERIAL THAT MAY BE RECEIVED AT THE DEVELOPMENT SITE ARE EXCAVATED NATURAL MATERIALS (VENM) AND EXCAVATED NATURAL MATERIAL (ENM) WITHIN THE MEANING OF THE PROTECTION OF THE ENVIRONMENTAL OPERATIONS ACT 1997.
 - SITE FILL AREAS - THE CONTRACTOR SHALL TAKE LEVELS OF EXISTING SURFACE AFTER STRIPPING TOPSOIL AND PRIOR TO COMMENCING FILL OPERATIONS.
 - ALL SITE FILLING TO BE COMPACTED TO 95% STANDARD COMPACTION AND SHALL BE CONTROLLED BY A REGISTERED SOIL LABORATORY IN ACCORDANCE WITH COUNCIL'S WORKS SPECIFICATION.
 - ALL SITE REGRADING AREAS SHALL BE GRADED AT A MINIMUM 1% TO THE ENGINEER'S REQUIREMENTS.
 - SURPLUS EXCAVATED MATERIAL SHALL BE PLACED WHERE DIRECTED BY THE SUPERINTENDENT.
 - ALL NEW WORKS SHALL MAKE A SMOOTH JUNCTION WITH EXISTING CONDITIONS.
 - DIMENSIONS OF ANY DETAIL SHALL NOT BE SCALED - DIMENSIONS IF IN DOUBT, SHALL BE VERIFIED BY THE SUPERINTENDENT.
 - ALL CONSTRUCTION AND RESTORATION WORK ON COUNCIL'S ROAD AND FOOTPATH AREA ARE TO BE CARRIED OUT IN ACCORDANCE WITH THE APPROVED DRAWINGS AND COUNCIL'S STANDARD SPECIFICATIONS.
 - ALL WORKS TO BE IN ACCORDANCE WITH THE SALINITY MANAGEMENT PLAN BY DLA ENVIRONMENTAL SERVICES DL3492, S0028172917 REVISION 1, 1 MAY 2015
 - ALL STREET NAME POLES AND LIGHT POLES SHALL BE BLACK POWDER COATED IN ACCORDANCE WITH BLACKTOWN CITY COUNCIL'S ENGINEERING GUIDE FOR DEVELOPMENT.
 - PROVIDE ROOF WATER OUTLET TO KERB FOR EACH PROPOSED LOT THAT DRAIN TO THE STREET.
 - CONCRETE PATH PAVING MUST NOT BE PLACED UNTIL 80% OF LOTS HAVE BEEN BUILT UPON OR UNTIL APPROVED IN WRITING BY COUNCIL.
 - THE HOURS OF ANY OFFENSIVE NOISE-GENERATING DEVELOPMENT WORKS SHALL BE LIMITED TO BETWEEN 7.00am TO 5.00pm, MONDAYS TO FRIDAYS, 8.00am TO 1.00pm, SATURDAYS, AND NO SUCH WORK TO BE UNDERTAKEN AT ANY TIME ON SUNDAY OR PUBLIC HOLIDAYS.
 - ELECTRICAL SUB-STATION LOCATIONS ARE INDICATIVE ONLY AND SUBJECT TO FINAL ELECTRICAL DESIGN.

- ### SURFACE NOTES
- BATTER SLOPES ARE TYPICALLY 1v:5h UNLESS NOTED OTHERWISE.
 - CONSTRUCTION OF BASIN EMBANKMENT TO BE IN ACCORDANCE WITH GEOTECHNICAL CERTIFICATION BY GEOTECH TESTING PTY LTD. REPORT REFERENCE 85811-AA (30 OCTOBER 2017)
 - EXISTING SURFACE BASED ON BULK EARTHWORKS SURFACE INCLUDING BOXING REFER TO JWP PLANS 998511/CC00-84

- ### RAINGARDEN NOTES:
- ALL BIO-RETENTION RAINGARDEN WORKS ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE MOST RECENT VERSION OF BLACKTOWN CITY COUNCIL'S WATER SENSITIVE URBAN DESIGN (WSUD) STANDARD DRAWINGS (CURRENT VERSION REVISION C 2017), UNLESS OTHERWISE DETAILED IN THIS SET OF DRAWINGS.
- CLICK HERE FOR BLACKTOWN CITY COUNCIL STANDARD WSUD DRAWINGS (REV C, 2017)

- ### STORMWATER NOTES
- INDEX UPDATED**
- STORMWATER DESIGN CRITERIA
AVERAGE RECURRENT INTERVAL
1 100 MAJOR SYSTEM
1 20 INTERLOTMENT DRAINAGE
1 10 MINOR SYSTEM
 - PIPES TO BE INSTALLED TO TYPE HS1 SUPPORT IN ACCORDANCE WITH AS 3725 (1989) IN ALL CASES BACKFILL TRENCH WITH SAND TO 300mm ABOVE PIPE, WHERE PIPE IS UNDER PAVEMENTS BACKFILL REMAINDER OF TRENCH TO UNDERSIDE OF PAVEMENT WITH SAND OR APPROVED GRANULAR MATERIAL COMPACTED IN 300mm LAYERS TO MINIMUM 100% STANDARD MAXIMUM DRY DENSITY IN ACCORDANCE WITH AS 1289 5.2.1. (OR A DENSITY INDEX OF NOT LESS THAN 75)
 - ALL INTERNAL WORKS WITHIN PROPERTY BOUNDARIES ARE TO COMPLY WITH THE REQUIREMENTS OF AS 3500 3.1 (1998) AND AS/NZS 3500 3.2 (1998).
 - CARE IS TO BE TAKEN WITH LEVELS OF STORMWATER LINES, GRADES SHOWN ARE NOT TO BE REDUCED WITHOUT APPROVAL.
 - GRATES AND COVERS SHALL CONFORM TO AS 3996.
 - AT ALL TIMES DURING CONSTRUCTION OF STORMWATER PITS, ADEQUATE SAFETY PROCEDURES SHALL BE TAKEN TO ENSURE AGAINST THE POSSIBILITY OF PERSONNEL FALLING DOWN PITS.
 - ALL DRAINAGE LINES THROUGH LOTS SHALL BE CONTAINED WITHIN THE FOLLOWING EASEMENTS -
a) INTERLOTMENT DRAINS, 1.5m WIDE (UP TO 375mm DIAMETER)
b) ALL OTHER DRAINS - REFER TO COUNCIL'S DESIGN GUIDELINES SUBDIVISION DEVELOPMENTS.
 - DRAINAGE LINES UNDER ROADS SHALL BE BACKFILLED WITH NON-COHESIVE SAND AND HAVE 3m (AS PER BCC GUIDE) OF SUBSOIL DRAIN WRAPPED IN APPROVED FILTER SOCK, DISCHARGING INTO DOWN STREAM PITS, FOR PIPELINES GREATER THAN 525Ø, SUBSOIL DRAIN SHALL BE PROVIDED ON BOTH SIDES OF THE TRENCH.
 - ALL STORMWATER PIPES WITHIN ROADS TO BE REINFORCED CONCRETE PIPE (RRR) CLASS 2 OR FRC CLASS 2 UNLESS NOTED OTHERWISE.
 - ALL INTERLOTMENT DRAINAGE LINES SHALL BE LAID AT A MINIMUM GRADE OF 1% UNLESS OTHERWISE INDICATED.
 - DRAINAGE LINES ON PLANS ARE DIAGRAMMATIC ONLY AND PIPE CENTRELINES SHALL ENTER AND EXIT PITS AT THE CENTRE OF THE RESPECTIVE PIT WALLS.
 - STEP IRONS REQUIRED WHERE THE PIT EXCEEDS 1200 IN DEPTH, REFER TO COUNCIL DRAWING A(BS)/1115
 - PROVIDE A ROOF WATER OUTLET FOR EACH LOT THAT DRAINS TO STREET.
 - 100YR FLOW PATHS TO BE FORMED AT TIME OF CONSTRUCTION.

- ### SURVEY SET OUT INFORMATION NOTES:
- ALL SITE SET OUT AND CONTROL POINTS ARE TO BE CERTIFIED BY A REGISTERED SURVEYOR
 - THE INFORMATION DETAILED ON THE CERTIFIED CONSTRUCTION CERTIFICATE PLANS TAKES PRECEDENCE OVER ALL ELECTRONIC INFORMATION PROVIDED. THE ORDER OF PRIORITY FOR USE OF ALL INFORMATION PROVIDED IS AS FOLLOWS
a. CERTIFIED CONSTRUCTION CERTIFICATE DRAWINGS
b. 2D DRAFTING BASE (ELECTRONIC FILE)
c. 3D DTM (ELECTRONIC FILE)
 - ANY DISCREPANCY BETWEEN ANY OF THE INFORMATION CONTAINED WITHIN THESE FILES IS TO BE BROUGHT TO THE ATTENTION OF THE SUPERINTENDENT PRIOR TO CONSTRUCTION WHO WILL SEEK CLARIFICATION AND ISSUE INSTRUCTIONS ON THE APPROPRIATE COURSE OF ACTION.

- ### CUSTOM MADE PRECAST PIT NOTES
- DESIGN DOCUMENTATION REFLECTS PRECAST DRAINAGE PITS BEING USED FOR THE SITE, UNLESS NOTED OTHERWISE, AUGPITS OR SIMILAR APPROVED CUSTOM MADE PRECAST PITS TO BE USED.
 - PITS TO COMPLY WITH THE FOLLOWING PARAMETERS
a. ARE SPECIFICALLY MANUFACTURED FOR THE PROJECT.
b. EACH PIT IS ACCOMPANIED BY A CERTIFICATE OF STRUCTURAL ADEQUACY SIGNED BY A NPER ENGINEER (STRUCTURAL)
c. THE STRUCTURAL CERTIFICATION OF THE PITS SHOULD INCLUDE ANY ADDITIONAL PRECAST ELEMENTS REQUIRED TO BRING THE PIT UP TO FINAL LEVELS ON SITE.
d. PITS MUST BE FIRMLY BEDDED ON SOUND MATERIAL
e. CONCRETE IS TO BE POURED AROUND THE BASE TO AID IN STABILISATION OF THE PIT.
f. PIT FLOORS ARE TO HAVE A 1% FALL TOWARDS THE OUTLET PIPE.
g. ANY PIT REQUIRING MODIFICATION AFTER IT HAS BEEN POURED IN THE FACTORY OR DAMAGED IN TRANSPORT CANNOT BE USED.
h. ALL WORK TO BE TO THE SATISFACTION OF COUNCIL'S DEVELOPMENT INSPECTORS.
 - SHOULD THE CONTRACTOR CHOOSE TO CONSTRUCT ANY PIT AS "CAST-IN-SITU", IT'S THE CONTRACTORS RESPONSIBILITY TO PROVIDE DETAILED PIT DRAWINGS AND STRUCTURAL CERTIFICATION OF THE RELEVANT PITS.

- ### HYDROLOGY NOTES:
- STORMWATER SYSTEM DESIGNED USING 12D DYNAMIC (ILSAX) SYSTEM.
 - BP LINES ARE DUMMY PITS AND ARE USED TO MORE ACCURATELY DETERMINE APPROACH FLOWS AT UPS/STREAM PITS AND SAG LOCATIONS. RESULTS ON THESE DUMMY LINES MAY NOT BE VALID/RELEVANT.
 - MAXIMUM FLOW WIDTHS OF 2.0m IN GUTTERS HAVE GENERALLY BEEN ADOPTED HOWEVER EXTENDED TO 2.5m IN SOME LOCATIONS TO REDUCE THE NUMBER OF PITS REQUIRED DUE TO FLAT ROAD GRADES.

SURVEYED BY:
RPS AUSTRALIA
CAD REFERENCE:
PR111362-DTL-14.03.26_3D_FOR_ENGINEERS_MODEL.dwg
DATE RECEIVED: 07/04/14
LOT BOUNDARIES CALCULATED BY VMS
CAD REFERENCE: 061017.dwg
DATE RECEIVED: 06/10/17

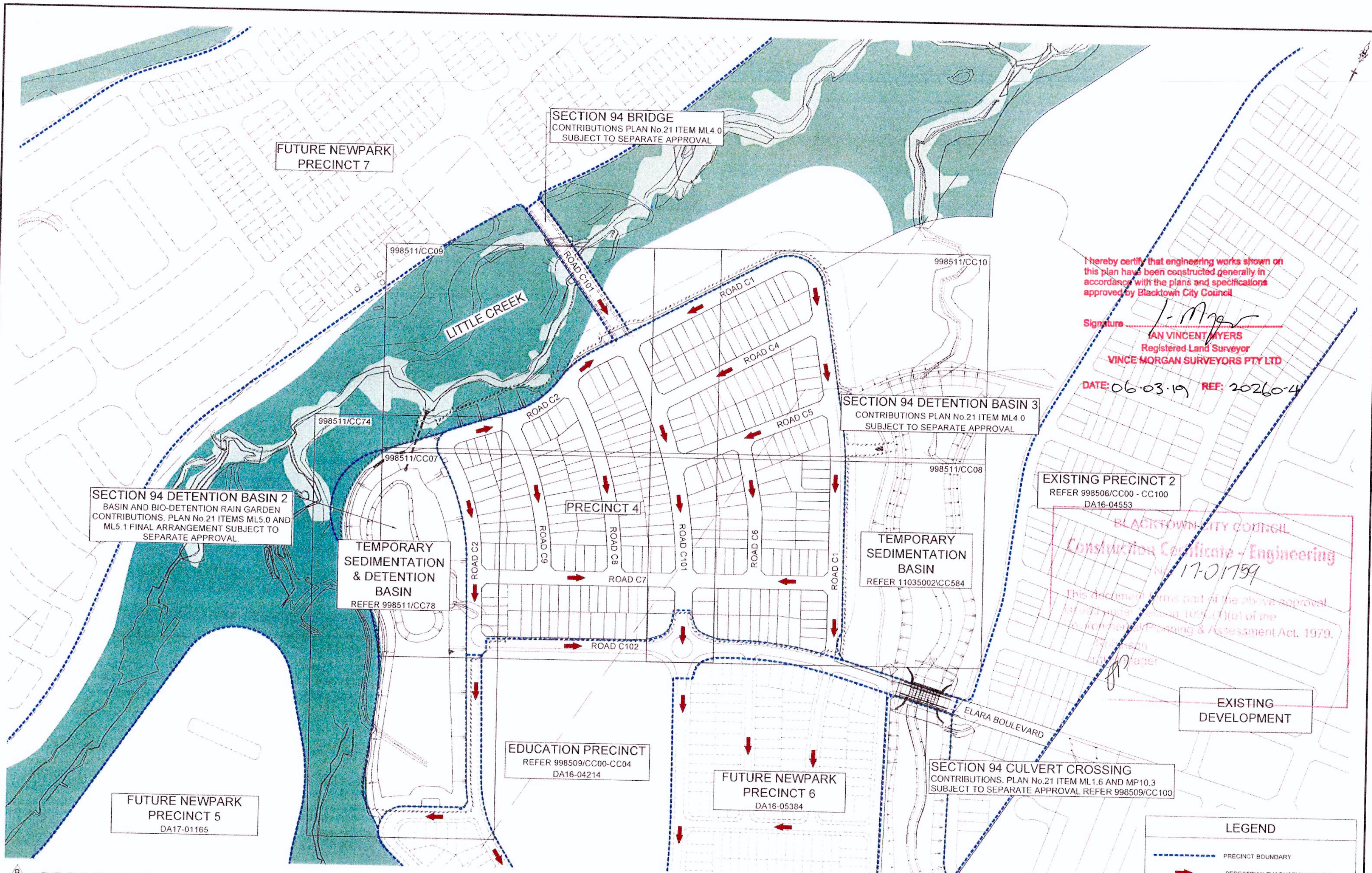
Plotted: 14 December 2017 10:59:39 AM File Name: J:\998511\DC - Construction Certificate Approval\Plank11 CENTRAL PRECINCT\998511/CC01.dwg	D	INDEX UPDATED	NT	NAF	MS	RO	14/12/17
	C	NOTES AND INDEX UPDATED	NT	NAF	MS	RO	05/12/17
	B	INDEX UPDATED	NT	NAF	MS	RO	01/11/17
	A	ISSUE FOR CONSTRUCTION APPROVAL	NT	TG,NAF	MS	RO	30/10/17
		AMENDMENT	DES	DRN	CKD	APR	DATE

J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS

PO Box 4366 HEMPHRIS WESTFIELD NSW 2150
P 02 4721 3300 F 02 4721 3399 W www.jpaprince.com.au E info@jpaprince.com.au

CLIENT		ISSUED FOR CONSTRUCTION APPROVAL	
AZIMUTH			
DATUM	AHD	NEWPARK PRECINCT 4	
OPIGIN		LEGEND, INDEX & GENERAL NOTES	

PLAN No	998511/CC01	D
FILE No	998511/CC01	
SHEET SIZE	A1 ORIGINAL	



I hereby certify that engineering works shown on this plan have been constructed generally in accordance with the plans and specifications approved by Blacktown City Council

Signature: *I. Myers*
IAN VINCENT MYERS
 Registered Land Surveyor
VINCE MORGAN SURVEYORS PTY LTD

DATE: 06.03.19 REF: 202604

BLACKTOWN CITY COUNCIL
Construction Certificate - Engineering
 No. 17-01759

This document forms part of the objective approval issued pursuant to section 109(1)(b) of the Local Government Planning & Assessment Act, 1979.

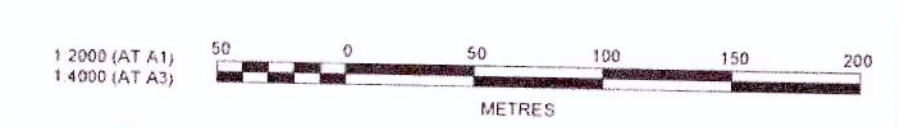
EXISTING DEVELOPMENT

LEGEND

	PRECINCT BOUNDARY
	PEDESTRIAN EVACUATION ROUTE

Plotted: 14 December 2017 11:00:12 AM File Name: J:\998511\CC - Construction Certificate Approval Plans\PK11-CENTRAL PRECINCTS\998511\CC02.dwg

BASIN LINEWORK UPDATED.



B	BASIN LINEWORK UPDATED	NT	NAF	MS	RO	05/12/17
A	ISSUE FOR CONSTRUCTION APPROVAL	NT	TG/NAF	MS	RO	30/10/17
	AMENDMENT	DES	DRN	CKD	APR	DATE

J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS

AVIUM MGA
 DATUM AHD
 ORIGIN

PL: Box 4366 PRINCETON WESTFIELD NSW 2750
 P: 02 4720 3300 F: 02 4720 3059 W: www.jwprince.com.au E: info@jwprince.com.au

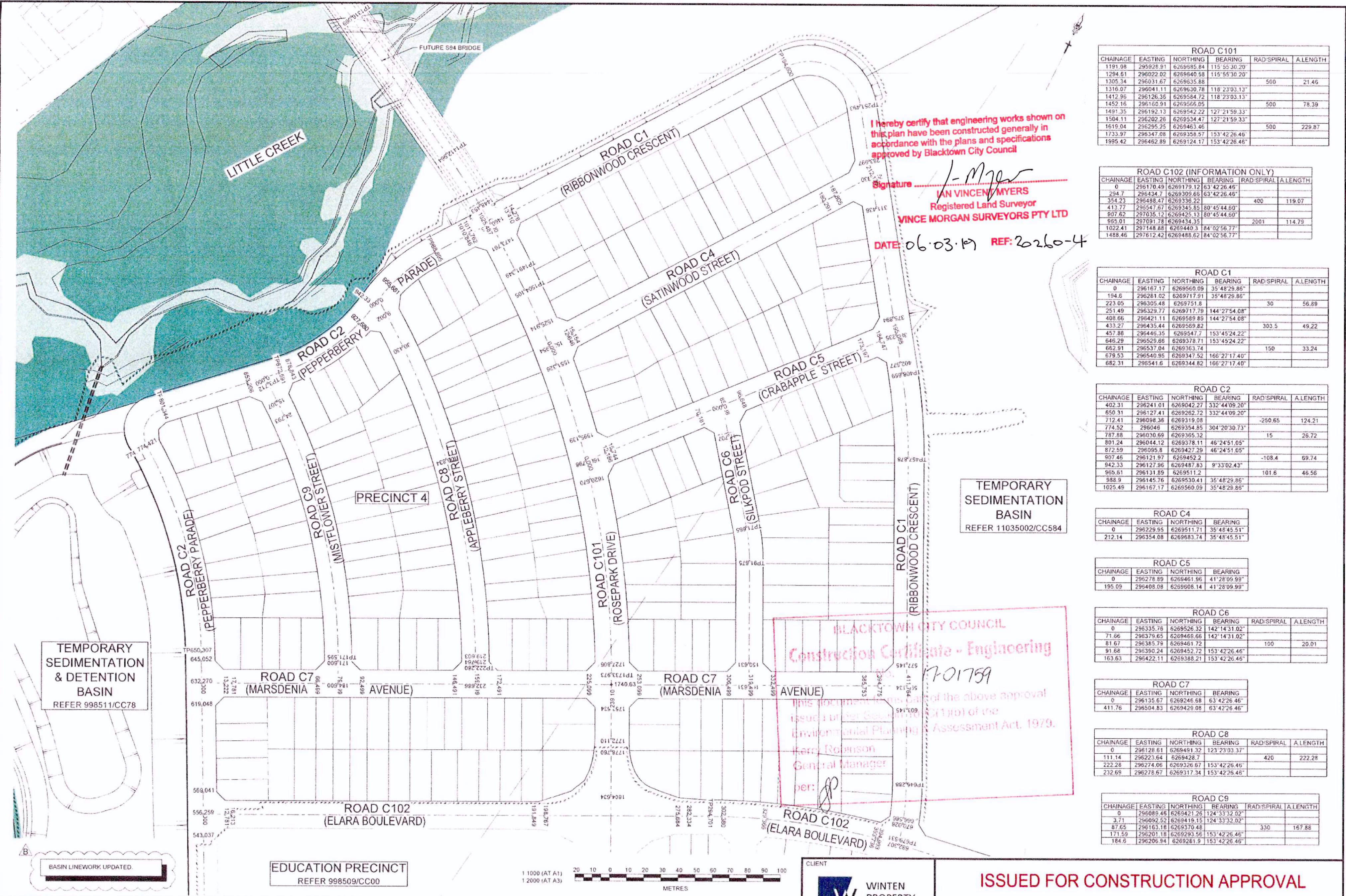
CLIENT
WINTEN PROPERTY GROUP

THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION UNLESS SIGNED AS PART OF AN APPROVED CONSTRUCTION CERTIFICATE

ISSUED FOR CONSTRUCTION APPROVAL

NEWPARK PRECINCT 4
 OVERALL SITE PLAN

PLAN No: 998511/CC02 **B**
 FILE No: 998511CC02
 SHEET SIZE: A1 ORIGINAL



ROAD C101					
CHAINAGE	EASTING	NORTHING	BEARING	RAD/SPIRAL	A.LENGTH
1191.08	295928.91	626985.84	115°55'30.20"		
1294.61	296022.02	6269640.58	115°55'30.20"		
1305.34	296031.67	6269635.88		500	21.46
1316.07	296041.11	6269630.78	118°23'03.13"		
1412.96	296126.35	6269584.72	118°23'03.13"		
1492.16	296169.91	6269566.05		500	78.39
1491.35	296192.13	6269542.22	127°21'59.33"		
1504.11	296202.26	6269534.47	127°21'59.33"		
1619.04	296295.25	6269463.46		500	229.87
1733.97	296347.08	6269358.57	153°42'26.46"		
1995.42	296462.89	6269124.17	153°42'26.46"		

ROAD C102 (INFORMATION ONLY)					
CHAINAGE	EASTING	NORTHING	BEARING	RAD/SPIRAL	A.LENGTH
0	296170.49	6269179.12	63°42'26.46"		
294.7	296434.7	6269309.66	63°42'26.46"		
354.23	296498.47	6269336.22		400	119.07
413.77	296547.67	6269345.67	80°45'44.60"		
907.62	297035.12	6269425.13	80°45'44.60"		
965.01	297091.78	6269434.35		2001	114.79
1022.41	297148.88	6269440.3	84°02'56.77"		
1488.46	297612.42	6269488.62	84°02'56.77"		

ROAD C1					
CHAINAGE	EASTING	NORTHING	BEARING	RAD/SPIRAL	A.LENGTH
0	296167.17	6269560.09	35°48'29.86"		
194.6	296281.02	6269717.91	35°48'29.86"		
223.05	296305.48	6269751.8		30	56.89
251.49	296329.77	6269771.79	144°27'54.08"		
408.66	296421.11	6269589.89	144°27'54.08"		
433.27	296435.44	6269569.82		303.5	49.22
457.88	296446.35	6269547.7	153°45'24.22"		
646.29	296529.66	6269378.71	153°45'24.22"		
662.91	296537.04	6269363.74		150	33.24
679.53	296540.95	6269347.52	166°27'17.40"		
682.31	296541.6	6269344.82	166°27'17.40"		

ROAD C2					
CHAINAGE	EASTING	NORTHING	BEARING	RAD/SPIRAL	A.LENGTH
402.31	296241.01	6269042.27	332°44'09.20"		
650.31	296127.41	6269262.72	332°44'09.20"		
712.41	296098.36	6269319.08		-250.65	124.21
774.52	296046	6269354.85	304°20'30.73"		
787.88	296030.69	6269365.32		15	26.72
801.24	296044.12	6269378.11	46°24'51.05"		
872.59	296095.8	6269427.29	46°24'51.05"		
907.46	296121.97	6269452.2		-108.4	69.74
942.33	296127.96	6269487.83	9°33'02.43"		
965.61	296131.89	6269511.2		101.6	46.56
988.9	296145.76	6269530.41	35°48'29.86"		
1025.49	296167.17	6269560.09	35°48'29.86"		

ROAD C4			
CHAINAGE	EASTING	NORTHING	BEARING
0	296229.95	6269511.71	35°48'45.51"
212.14	296354.08	6269683.74	35°48'45.51"

ROAD C5			
CHAINAGE	EASTING	NORTHING	BEARING
0	296278.89	6269461.96	41°28'09.99"
195.09	296408.08	6269608.14	41°28'09.99"

ROAD C6					
CHAINAGE	EASTING	NORTHING	BEARING	RAD/SPIRAL	A.LENGTH
0	296335.76	6269526.32	142°14'31.02"		
71.66	296379.65	6269466.66	142°14'31.02"		
81.67	296385.79	6269461.72		100	20.01
91.68	296390.24	6269452.72	153°42'26.46"		
163.63	296422.11	6269388.21	153°42'26.46"		

ROAD C7			
CHAINAGE	EASTING	NORTHING	BEARING
0	296135.67	6269246.68	63°42'26.46"
411.76	296504.83	6269429.08	63°42'26.46"

ROAD C8					
CHAINAGE	EASTING	NORTHING	BEARING	RAD/SPIRAL	A.LENGTH
0	296128.61	6269451.32	123°23'03.37"		
111.14	296223.64	6269428.7		420	222.28
222.28	296274.06	6269326.67	153°42'26.46"		
232.69	296278.67	6269317.34	153°42'26.46"		

ROAD C9					
CHAINAGE	EASTING	NORTHING	BEARING	RAD/SPIRAL	A.LENGTH
0	296089.46	6269421.26	124°33'32.02"		
3.71	296092.52	6269419.15	124°33'32.02"		
87.65	296163.18	6269370.48		330	167.88
171.59	296201.18	6269293.56	153°42'26.46"		
184.6	296205.94	6269281.9	153°42'26.46"		

I hereby certify that engineering works shown on this plan have been constructed generally in accordance with the plans and specifications approved by Blacktown City Council

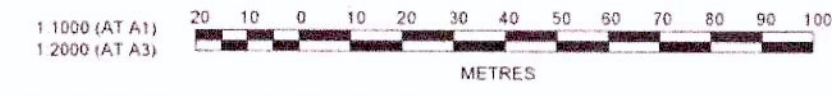
Signature
IAN VINCENC MYERS
 Registered Land Surveyor
VINCE MORGAN SURVEYORS PTY LTD
 DATE: 06.03.19 REF: 20260-4

TEMPORARY SEDIMENTATION BASIN
 REFER 11035002/CC584

BLACKTOWN CITY COUNCIL
 Construction Certificate - Engineering
 701759
 This document is the result of the above approval issued under Section 113(1)(b) of the Environmental Planning and Assessment Act, 1979.
 Kerry Robinson
 General Manager
 per:

TEMPORARY SEDIMENTATION & DETENTION BASIN
 REFER 998511/CC78

EDUCATION PRECINCT
 REFER 998509/CC00



CLIENT

WINTZEN PROPERTY GROUP

ISSUED FOR CONSTRUCTION APPROVAL

NEWPARK
 PRECINCT 4
 ROAD SETOUT PLAN

PLAN No
998511/CC03
 FILE No 998511CC03
 SHEET SIZE A1 ORIGINAL

J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS

PO Box 4366 PENRITH WESTFIELD NSW 2206
 P (0) 4721 3300 F (0) 4721 3392 W www.jwyndhamprince.com.au E jw@jwyndhamprince.com.au

Plotted: 14 December, 2017 11:00:41 AM File Name: J:\998511\CC - Construction Certificate Approval Plans\PK11 CENTRAL PRECINCTS\998511CC03.dwg

REVISION	DESCRIPTION	DATE
B	BASIN LINWORK UPDATED	05/12/17
A	ISSUE FOR CONSTRUCTION APPROVAL	30/10/17

BLACKTOWN CITY COUNCIL
Construction Certificate - Engineering
 No. 17-01759

This document forms part of the above approval issued under Section 109C(1)(b) of the Environmental Planning & Assessment Act, 1979.

Kerry Robinson
 General Manager

per: *[Signature]*

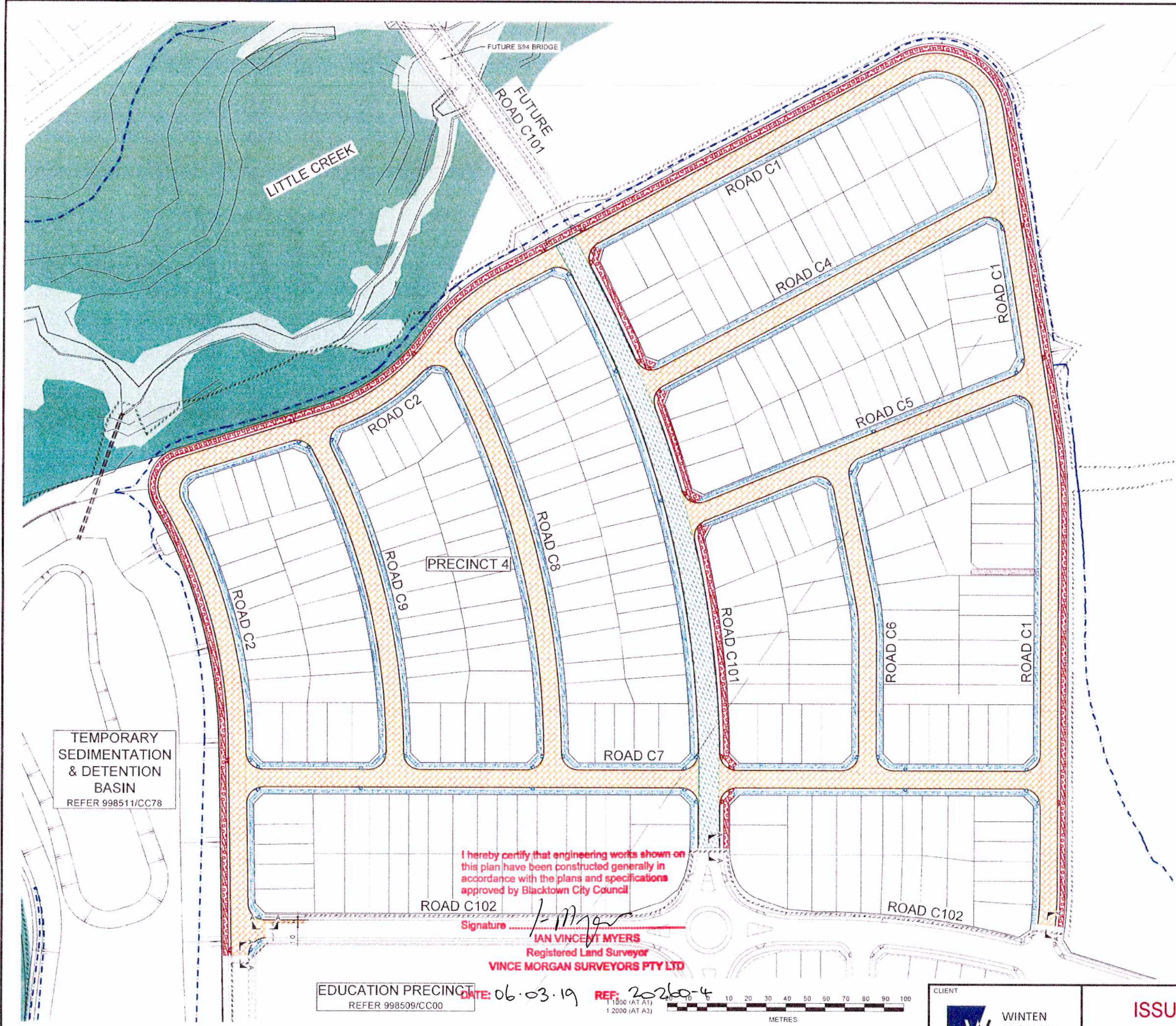
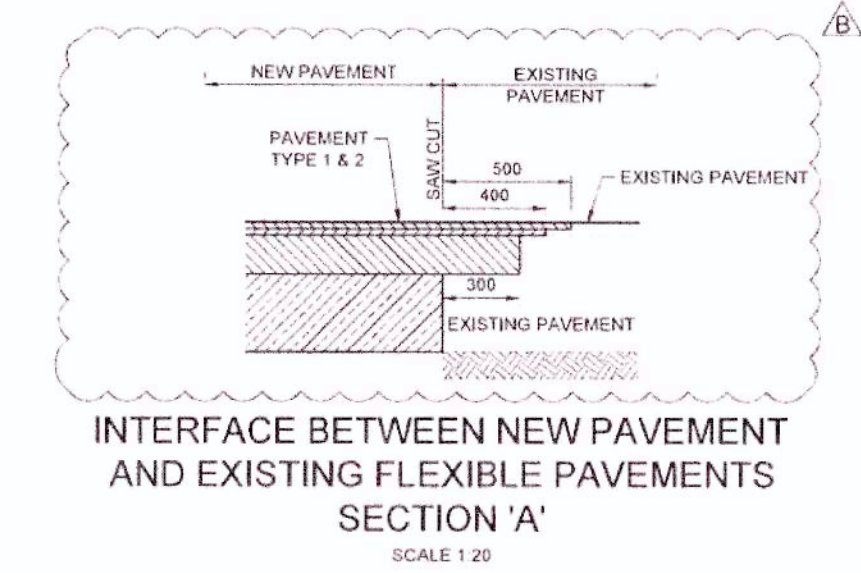
LEGEND

PAVEMENT DESIGN (REFER TO REPORT BY GEOTECH TESTING PTY LTD (Ref 85811-AC) DATED 29 AUG 2017)

	PAVEMENT TYPE 1 (COLLECTOR ROAD) ESA 1x10⁵
	AC10 (mm) = 2x25
	(SINGLE COAT FLUSH SEAL)
	BASE COURSE (mm) DGB20 = 150
	SUB-BASE COURSE (mm) = 200
	SANDSTONE = 400
	TOTAL (mm) = 400
	SELECT FILL SUBGRADE STABILISATION = 300
	PAVEMENT TYPE 2 (LOCAL & BOUNDARY ROADS) ESA 5x10⁵
	AC10 (mm) = 2x25
	(SINGLE COAT FLUSH SEAL)
	BASE COURSE (mm) DGB20 = 150
	SUB-BASE COURSE (mm) = 160
	SANDSTONE = 360
	TOTAL (mm) = 360
	SELECT FILL SUBGRADE STABILISATION = 300
	PAVEMENT TYPE 3 (FOOTPATH 1.5m WIDE)
	CONCRETE 125mm TO BLACKTOWN CITY COUNCIL 'PATH PAVING POLICY 2009'
	PAVEMENT TYPE 4 (SHARED PATH 2.5m WIDE)
	CONCRETE 125mm WITH SL62 MESH TO BLACKTOWN CITY COUNCIL 'PATH PAVING POLICY 2009'
	PAVEMENT TYPE 5 (ACCESS DRIVEWAY)
	150 mm THICK 32Mpa CONCRETE WITH SL85 REINFORCEMENT TO BLACKTOWN CITY COUNCIL STANDARD DRAWING SD A/B5/110S.

PAVEMENT NOTES:

- PAVEMENT DESIGN BASED ON CBR OF 7%.
- SUBGRADE TREATMENT
- OPTION 1 - THE TOP 300mm OF SUBGRADE IS TO BE REPLACED WITH CRUSHED SANDSTONE WITH A MIN. CBR VALUE OF 30%.
- OPTION 2 - TREAT TOP 300mm OF SUBGRADE WITH 4% LIME.



EDUCATION PRECINCT 4 REFER 998509/CC00 DATE: 06.03.19 REF: 20260-4

1:1800 (AT A1) 1:2000 (AT A3)

METRES

Plotted 14 December 2017 11:01:10 AM File Name: J:\998509\CC - Construction Certificate Approval Plans\PK11 CENTRAL PRECINCTS\998511\CC04.dwg

AMENDMENT	DES	DRN	CKD	APR	DATE
B PAVEMENT NOTES AND DETAIL UPDATED	NT	NAF	MS	RO	05/12/17
A ISSUE FOR CONSTRUCTION APPROVAL	NT	TG/NAF	MS	RO	30/10/17

J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS

11/1800 (AT A1) 1:2000 (AT A3)

11/1800 (AT A1) 1:2000 (AT A3)

P: 02 4720 3300 F: 02 4720 3359 W: www.jwprince.com.au E: twp@jwprince.com.au

AZIMUTH MGA DATUM AHD ORIGIN

CLIENT

W WINTEN PROPERTY GROUP

THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION UNLESS SIGNED AS PART OF AN APPROVED CONSTRUCTION CERTIFICATE

ISSUED FOR CONSTRUCTION APPROVAL

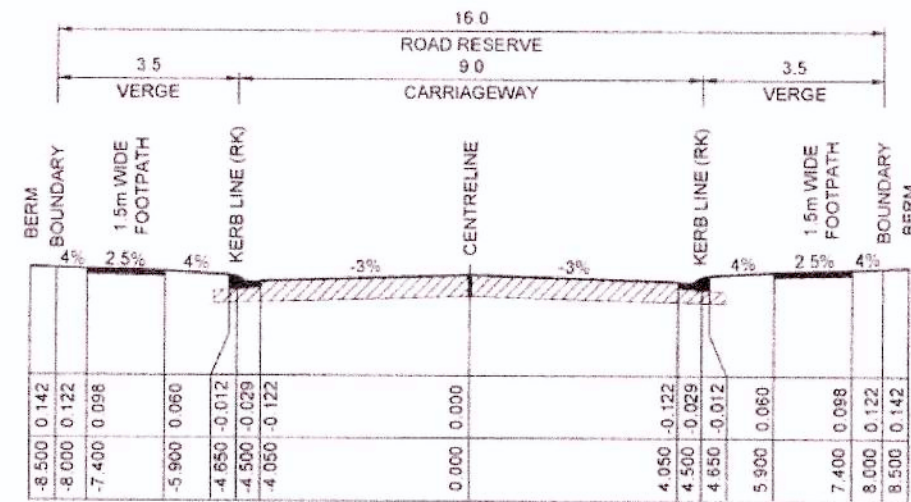
NEWPARK PRECINCT 4 PAVEMENT PLAN

PLAN No. 998511/CC04 B

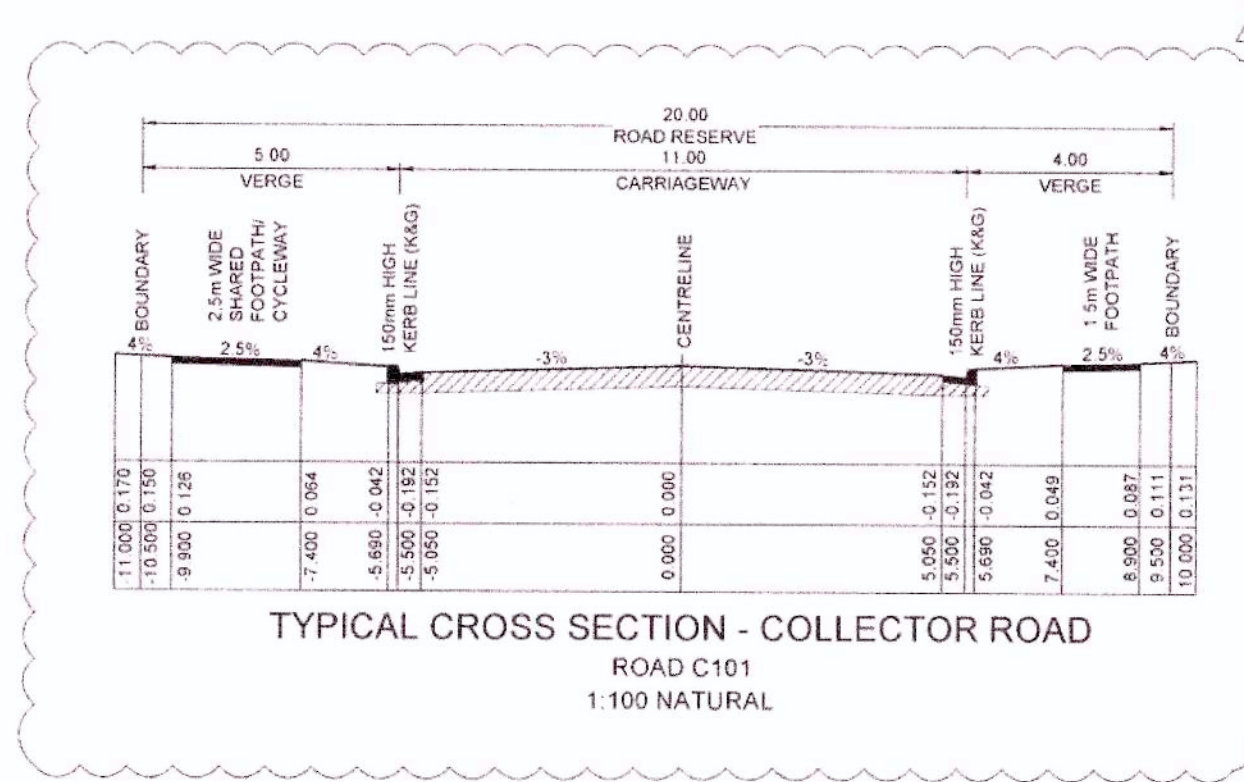
FILE No. 998511CC04

SHEET SIZE A1 ORIGINAL

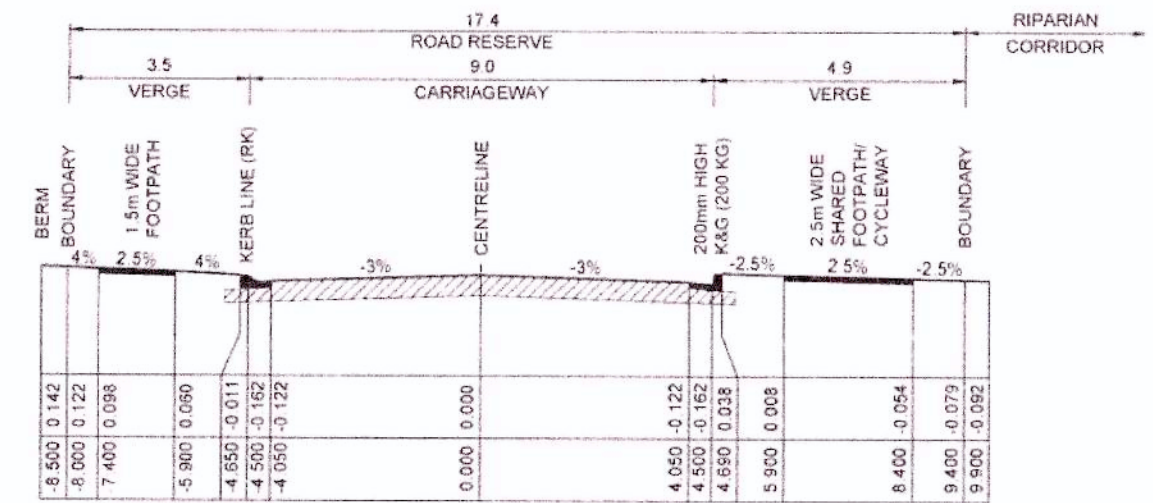
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TYPICAL CROSS SECTION - LOCAL ROAD
ROAD C4, C5, C6, C7, C8 & C9
1:100 NATURAL



TYPICAL CROSS SECTION - COLLECTOR ROAD
ROAD C101
1:100 NATURAL



TYPICAL CROSS SECTION - LOCAL ROAD ADJOINING RIPARIAN CORRIDOR
ROAD C1 & C2
1:100 NATURAL

I hereby certify that engineering works shown on this plan have been constructed generally in accordance with the plans and specifications approved by Blacktown City Council

Signature: *[Signature]*
IAN VINCENT MYERS
Registered Land Surveyor
VINCE MORGAN SURVEYORS PTY LTD

DATE: 06.03.19 REF: 20260-4

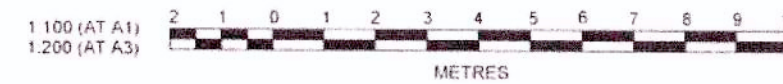
BLACKTOWN CITY COUNCIL
Construction Certificate - Engineering
No. 17-01759

This document forms part of the above approval issued under Section 100(1)(b) of the Environmental Planning & Assessment Act, 1979.

Kerry Robinson
General Manager

per: *[Signature]*

NOTE - SUBSOIL IS TO BE CONSTRUCTED UNDER ALL KERB & GUTTER WHERE NO STORMWATER DRAINAGE IS PROVIDED AND IS TO CONNECT INTO DOWNSTREAM DRAINAGE TO BCC'S SPECIFICATION.



CLIENT

WINTEN PROPERTY GROUP

AZIMUTH MGA
DATUM AHD
ORIGIN

THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION UNLESS SIGNED AS PART OF AN APPROVED CONSTRUCTION CERTIFICATE

ISSUED FOR CONSTRUCTION APPROVAL

NEWPARK PRECINCT 4
TYPICAL ROAD CROSS SECTIONS

PLAN No 998511/CC05 **B**
FILE No 998511CC05
SHEET SIZE A1 ORIGINAL

J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS

PO Box 4466 PENRITH WESTFIELD NSW 2150
P 02 420 2100 F 02 4 20 2192 W www.jwprince.com.au E info@jwprince.com.au

REV	DESCRIPTION	NT	NAF	MS	RO	DATE
B	COLLECTOR ROAD SECTION UPDATED	NT	NAF	MS	RO	05/12/17
A	ISSUE FOR CONSTRUCTION APPROVAL	NT	TG/NAF	MS	RO	30/10/17
	AMENDMENT	DES	DRN	CKD	APR	DATE

Plotted: 14 December 2017 11:02:59 AM File Name: J:\998511\CC - Construction Certificate Approval Plans\PK11 CENTRAL PRECINCTS\998511\CC06.dwg



- NOTES:**
- CUT/FILL SHOWN BETWEEN COMBINED BULK EARTHWORK & NATURAL SURFACE & FINISHED DESIGN SURFACE.
 - FLOOD STORAGE WAS RESOLVED AS PART OF THE BULK EARTHWORKS PLANS. THERE IS NO NEGATIVE IMPACT ON THE FLOOD STORAGE BALANCE WITH THIS DESIGN.
 - HATCHING NOT SHOWN WHERE AREA OF EARTHWORKS IS MINIMAL.

I hereby certify that engineering works shown on this plan have been constructed generally in accordance with the plans and specifications approved by Blacktown City Council
 Signature: *[Signature]*
IAN VINCENT MYERS
 Registered Land Surveyor
VINCE MORGAN SURVEYORS PTY LTD
 DATE: 06.03.19 REF: 20260-4

Lower_value	Upper_value	Colour
-2.0	to -1.5	m
-1.5	to -1.0	m
-1.0	to -0.8	m
-0.8	to -0.6	m
-0.6	to -0.4	m
-0.4	to -0.2	m
-0.2	to 0	m
0	to 0.2	m
0.2	to 0.4	m
0.4	to 0.6	m
0.6	to 0.8	m
0.8	to 1.0	m
1.0	to 1.5	m
1.5	to 2.0	m

TEMPORARY SEDIMENT & DETENTION BASIN
 REFER 998509/CC78

EDUCATION PRECINCT
 REFER 998509/CC00

TEMPORARY SEDIMENT BASIN

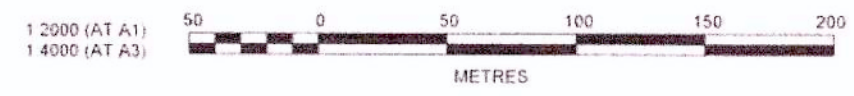
EXISTING PRECINCT 2
 REFER 998506/CC00

BLACKTOWN CITY COUNCIL
EXISTING DEVELOPMENT
Construction Certificate - Engineering
 No. 17-01759
 This is part of the above approval
 subject to SEPARATE APPROVAL REFER 998509/CC100
 Environmental Planning & Assessment Act, 1979.
 Keray Robinson
 General Manager
 per: *[Signature]*

FUTURE NEWPARK PRECINCT 5

FUTURE NEWPARK PRECINCT 7

FUTURE NEWPARK PRECINCT 6



J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS
 P.O. Box 4966 PENRITH NSW 2150
 P 02 4221 3300 F 02 4221 3354 W www.jwprince.com.au E info@jwprince.com.au

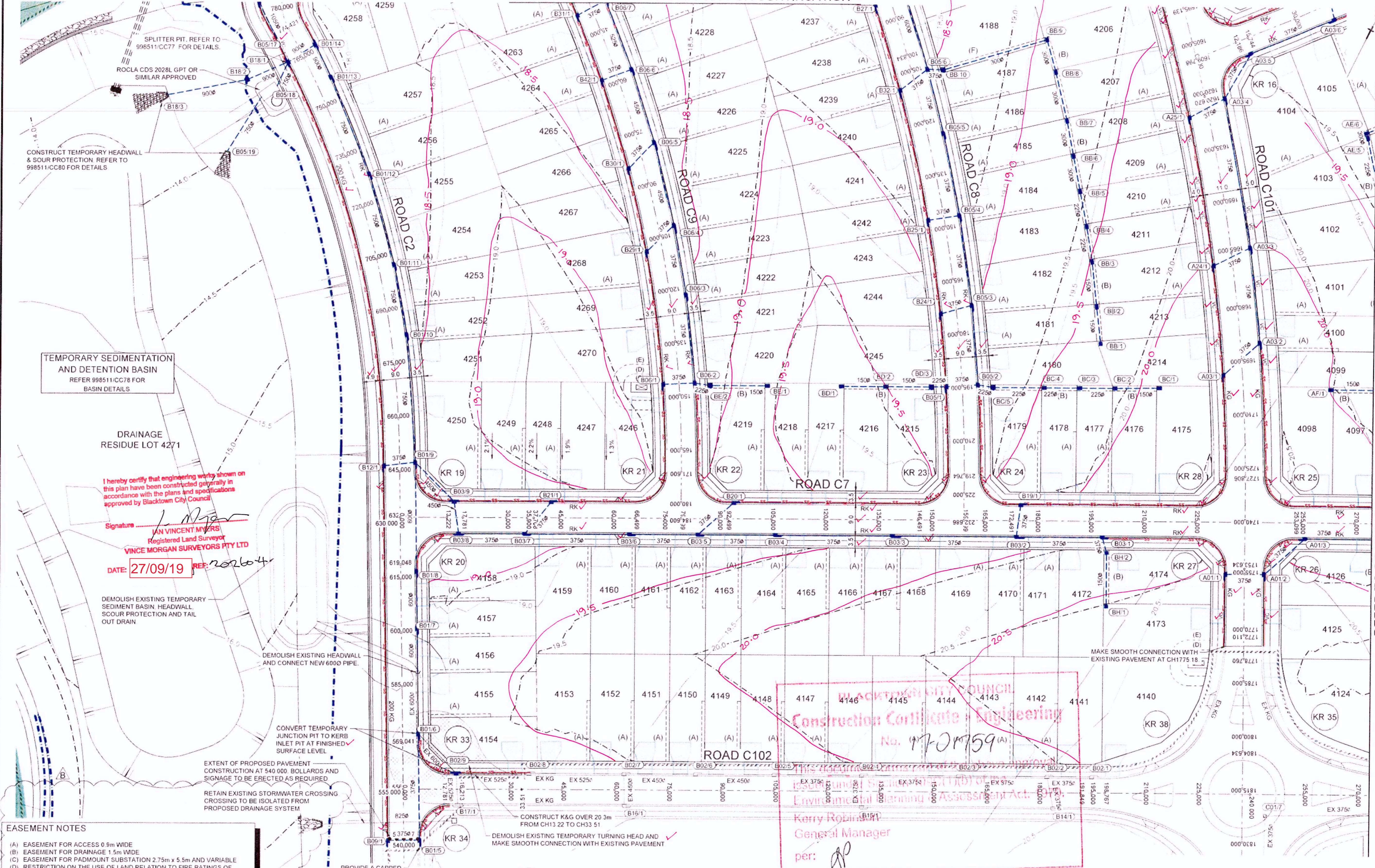
CLIENT
WINTEN PROPERTY GROUP
 AZIMUTH MGA
 DATUM AHD
 ORIGIN
 THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION UNLESS SIGNED AS PART OF AN APPROVED CONSTRUCTION CERTIFICATE

ISSUED FOR CONSTRUCTION APPROVAL
NEWPARK PRECINCT 4 CUT & FILL PLAN
 PLAN No 998511/CC06 C
 FILE No 998511CC06
 SHEET SIZE A1 ORIGINAL

AMENDMENT	DES	DRN	CKD	APR	DATE
C CUT FILL HATCHING UPDATED	NT	NAF	MS	RO	14/12/17
B CUT FILL HATCHING UPDATED	NT	NAF	MS	RO	05/12/17
A ISSUE FOR CONSTRUCTION APPROVAL	NT	TG-NAF	MS	RO	30/10/17

REFER TO DRAWING 998511/CC09 FOR CONTINUATION

REFER TO DRAWING 998511/CC08 FOR CONTINUATION



TEMPORARY SEDIMENTATION AND DETENTION BASIN REFER 998511/CC78 FOR BASIN DETAILS

DRAINAGE RESIDUE LOT 4271

I hereby certify that engineering works shown on this plan have been constructed generally in accordance with the plans and specifications approved by Blacktown City Council

Signature: JAN VINCENT MYERS Registered Land Surveyor VINCE MORGAN SURVEYORS PTY LTD

DATE: 27/09/19 REF: 202604

DEMOLISH EXISTING TEMPORARY SEDIMENT BASIN, HEADWALL, SCOUR PROTECTION AND TAIL OUT DRAIN

DEMOLISH EXISTING HEADWALL AND CONNECT NEW 6000 PIPE

CONVERT TEMPORARY JUNCTION PIT TO KERB INLET PIT AT FINISHED SURFACE LEVEL

EXTENT OF PROPOSED PAVEMENT CONSTRUCTION AT 540 000. BOLLARDS AND SIGNAGE TO BE ERRECT AS REQUIRED

RETAIN EXISTING STORMWATER CROSSING CROSSING TO BE ISOLATED FROM PROPOSED DRAINAGE SYSTEM

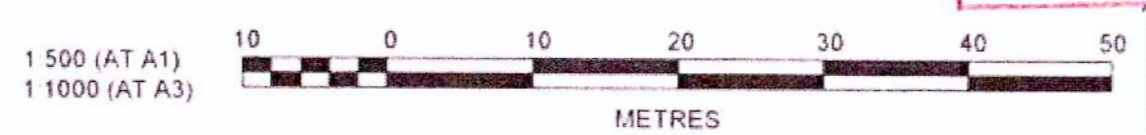
CONSTRUCT K&G OVER 20.3m FROM CH13 22 TO CH33 51

DEMOLISH EXISTING TEMPORARY TURNING HEAD AND MAKE SMOOTH CONNECTION WITH EXISTING PAVEMENT

PROVIDE A CAPPED STUB FOR FUTURE CONNECTION

EASEMENT NOTES (A) EASEMENT FOR ACCESS 0.9m WIDE (B) EASEMENT FOR DRAINAGE 1.5m WIDE (C) EASEMENT FOR PADMOUNT SUBSTATION 2.75m x 5.5m AND VARIABLE (D) RESTRICTION ON THE USE OF LAND RELATION TO FIRE RATINGS OF BUILDINGS MEASURED 3m FROM THE SUBSTATION PLINTH. (E) RESTRICTION ON THE USE OF LAND IN RELATION TO SWIMMING POOLS MEASURED 5m FROM THE SUBSTATION PLINTH. (F) EASEMENT FOR ACCESS 1.5m WIDE

BLACKTOWN CITY COUNCIL Construction Certificate Engineering No. 17-01759 (A) per: Kerry Robinson General Manager



Revision table with columns for revision number, description, and date.

J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS

WINTEN PROPERTY GROUP logo and contact information.

ISSUED FOR CONSTRUCTION APPROVAL

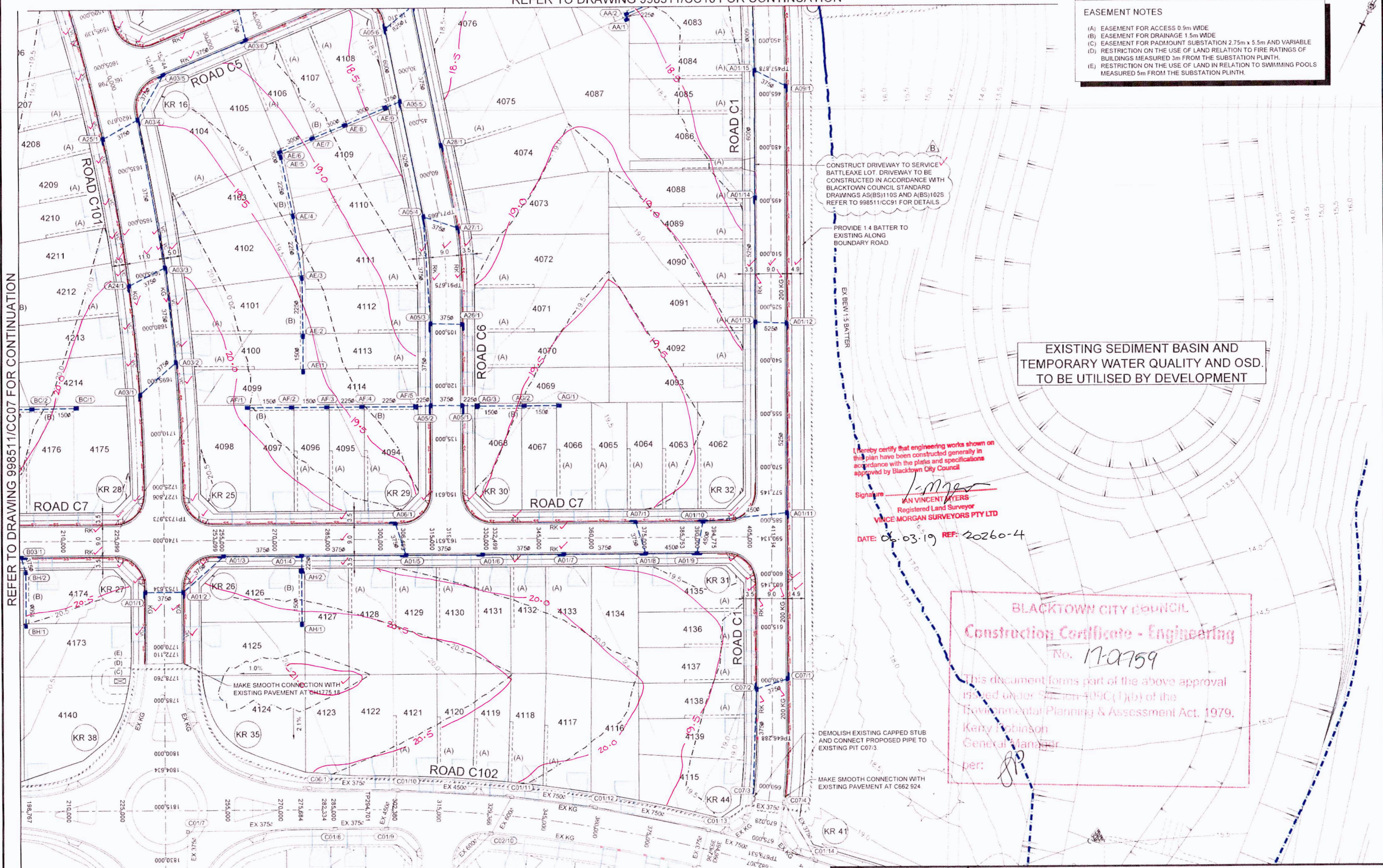
NEWPARK PRECINCT 4 ENGINEERING PLAN SHEET 1

PLAN No: 998511/CC07 SHEET SIZE: A1 ORIGINAL

Plotfile: 14 December, 2017 11:04:12 AM File Name: J:\998511\CC - Construction Certificate Approval Plans\PK11 CENTRAL PRECINCTS\998511\CC07.dwg

REFER TO DRAWING 998511/CC10 FOR CONTINUATION

- EASEMENT NOTES**
- (A) EASEMENT FOR ACCESS 0.9m WIDE
 - (B) EASEMENT FOR DRAINAGE 1.5m WIDE
 - (C) EASEMENT FOR PADMOUNT SUBSTATION 2.75m x 5.5m AND VARIABLE
 - (D) RESTRICTION ON THE USE OF LAND RELATION TO FIRE RATINGS OF BUILDINGS MEASURED 3m FROM THE SUBSTATION PLINTH
 - (E) RESTRICTION ON THE USE OF LAND IN RELATION TO SWIMMING POOLS MEASURED 5m FROM THE SUBSTATION PLINTH.



REFER TO DRAWING 998511/CC07 FOR CONTINUATION

Plotted: 14 December 2017 11:05:25 AM File Name: J:\998511\CC - Construction Certificate Approval Plans\PK11 CENTRAL PRECINCT\998511\CC08.dwg

CONSTRUCT DRIVEWAY TO SERVICE BATTLEAXE LOT. DRIVEWAY TO BE CONSTRUCTED IN ACCORDANCE WITH BLACKTOWN COUNCIL STANDARD DRAWINGS A(SB)110S AND A(SB)102S REFER TO 998511/CC91 FOR DETAILS

PROVIDE 1:4 BATTER TO EXISTING ALONG BOUNDARY ROAD

EXISTING SEDIMENT BASIN AND TEMPORARY WATER QUALITY AND OSD TO BE UTILISED BY DEVELOPMENT

I hereby certify that engineering works shown on this plan have been constructed generally in accordance with the plans and specifications approved by Blacktown City Council

Signature: *[Signature]*
IAN VINCENT MYERS
Registered Land Surveyor
VINCE MORGAN SURVEYORS PTY LTD

DATE: 06.03.19 REF: 20260-4

BLACKTOWN CITY COUNCIL
Construction Certificate - Engineering
No. 17-0759

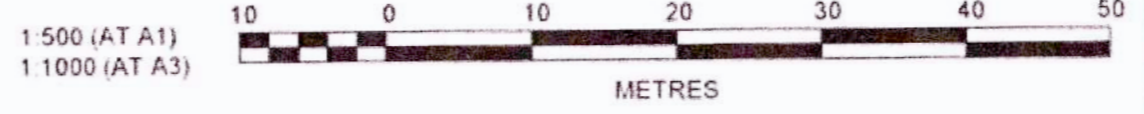
This document forms part of the above approval issued under Section 409C(1)(b) of the Environmental Planning & Assessment Act, 1979.

Katy Robinson
General Manager

per: *[Signature]*

DEMOLISH EXISTING CAPPED STUB AND CONNECT PROPOSED PIPE TO EXISTING PIT C073

MAKE SMOOTH CONNECTION WITH EXISTING PAVEMENT AT C662 924



AMENDMENT	NT	NAF	MS	RO	DATE
B	NT	NAF	MS	RO	05/12/17
A	NT	TG/NAF	MS	RO	30/10/17
	DES	DRN	CKD	APR	

J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS

PO Box 4366 PENRITH WESTFIELD NSW 2750
P 02 4720 3300 F 02 4720 3399 W www.jwprince.com.au E tjw@jwprince.com.au

CLIENT: **WINTEN PROPERTY GROUP**

AZIMUTH MGA
DATUM AHD
ORIGIN

THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION UNLESS SIGNED AS PART OF AN APPROVED CONSTRUCTION CERTIFICATE

ISSUED FOR CONSTRUCTION APPROVAL

NEWPARK PRECINCT 4
ENGINEERING PLAN
SHEET 2

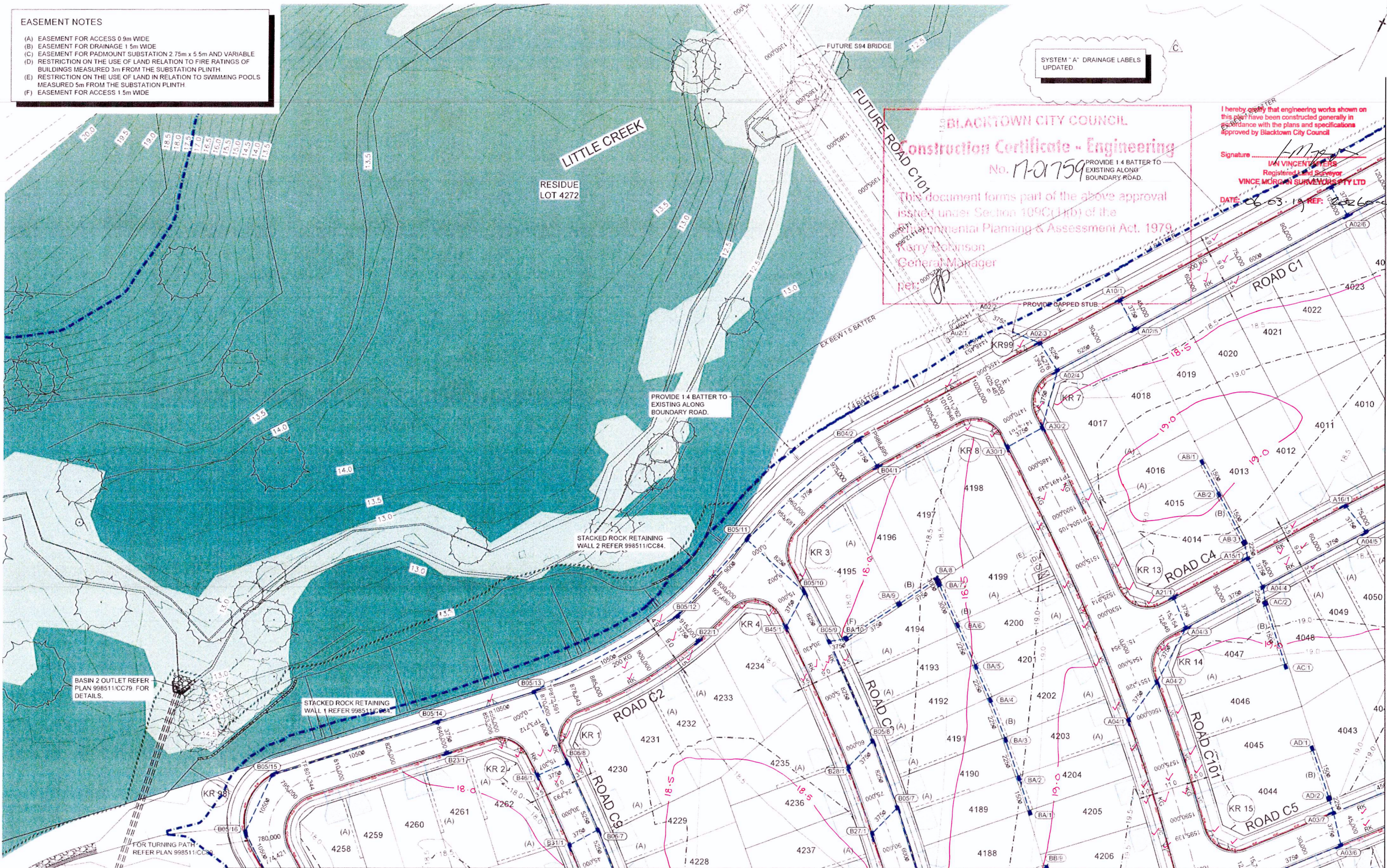
PLAN No 998511/CC08 **B**
FILE No 998511CC08
SHEET SIZE A1 ORIGINAL

- EASEMENT NOTES**
- (A) EASEMENT FOR ACCESS 0.9m WIDE
 - (B) EASEMENT FOR DRAINAGE 1.5m WIDE
 - (C) EASEMENT FOR PADMOUNT SUBSTATION 2.75m x 5.5m AND VARIABLE
 - (D) RESTRICTION ON THE USE OF LAND RELATION TO FIRE RATINGS OF BUILDINGS MEASURED 3m FROM THE SUBSTATION PLINTH
 - (E) RESTRICTION ON THE USE OF LAND IN RELATION TO SWIMMING POOLS MEASURED 5m FROM THE SUBSTATION PLINTH
 - (F) EASEMENT FOR ACCESS 1.5m WIDE

SYSTEM "A" DRAINAGE LABELS UPDATED

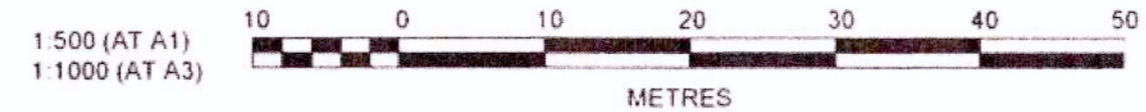
BLACKTOWN CITY COUNCIL
Construction Certificate - Engineering
 No. 17-01759
 This document forms part of the above approval issued under Section 109C(1)(b) of the Environmental Planning & Assessment Act, 1979.
 Kerry Robinson
 General Manager

I hereby certify that engineering works shown on this plan have been constructed generally in accordance with the plans and specifications approved by Blacktown City Council.
 Signature: *[Signature]*
 Ian Vincent Jones
 Registered Land Surveyor
 VINCE MORAN SURVEYORS PTY LTD
 DATE: 06.03.19 REF: 998511



REFER TO DRAWING 998511/CC10 FOR CONTINUATION

REFER TO DRAWING 998511/CC07 FOR CONTINUATION



CLIENT:
WINTEN PROPERTY GROUP

ISSUED FOR CONSTRUCTION APPROVAL

J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS

NEWPARK
 PRECINCT 4
 ENGINEERING PLAN
 SHEET 3

PLAN No
 998511/CC09
 FILE No 998511CC09
 SHEET SIZE A1 ORIGINAL

Plotted 14 December 2017 12:25:05 PM File Name: J:\998511\CC - Construction Certificate Approval Plans\PK11 CENTRAL PRECINCT\998511\CC09.dwg

REV	DESCRIPTION	DES	DRN	CKD	APR	DATE
C	DRAINAGE LABELS UPDATED	NT	NAF	MS	RO	14/12/17
B	EASEMENT LOCATIONS AMENDED	NT	NAF	MS	RO	05/12/17
A	ISSUE FOR CONSTRUCTION APPROVAL	NT	TG,NAF	MS	RO	30/10/17
	AMENDMENT	DES	DRN	CKD	APR	DATE

SYSTEM "A" DRAINAGE LABELS UPDATED.

- EASEMENT NOTES**
- (A) EASEMENT FOR ACCESS 0.9m WIDE
 - (B) EASEMENT FOR DRAINAGE 1.5m WIDE
 - (C) EASEMENT FOR PADMOUNT SUBSTATION 2.75m x 5.5m AND VARIABLE
 - (D) RESTRICTION ON THE USE OF LAND RELATION TO FIRE RATINGS OF BUILDINGS MEASURED 3m FROM THE SUBSTATION PLINTH.
 - (E) RESTRICTION ON THE USE OF LAND IN RELATION TO SWIMMING POOLS MEASURED 5m FROM THE SUBSTATION PLINTH.

I hereby certify that engineering works shown on this plan have been constructed generally in accordance with the plans and specifications approved by Blacktown City Council

Signature: *I. Morgan*
IAN VINCENT MYERS
 Registered Land Surveyor
VINCE MORGAN SURVEYORS PTY LTD

DATE: 27/09/19 REF: 20260-4

BLACKTOWN CITY COUNCIL
Construction Certificate - Engineering
 No. 17-21759

This document forms part of the above approval issued under Section 109C(1)(b) of the Environmental Planning & Assessment Act, 1979.

Katy Robinson
 General Manager

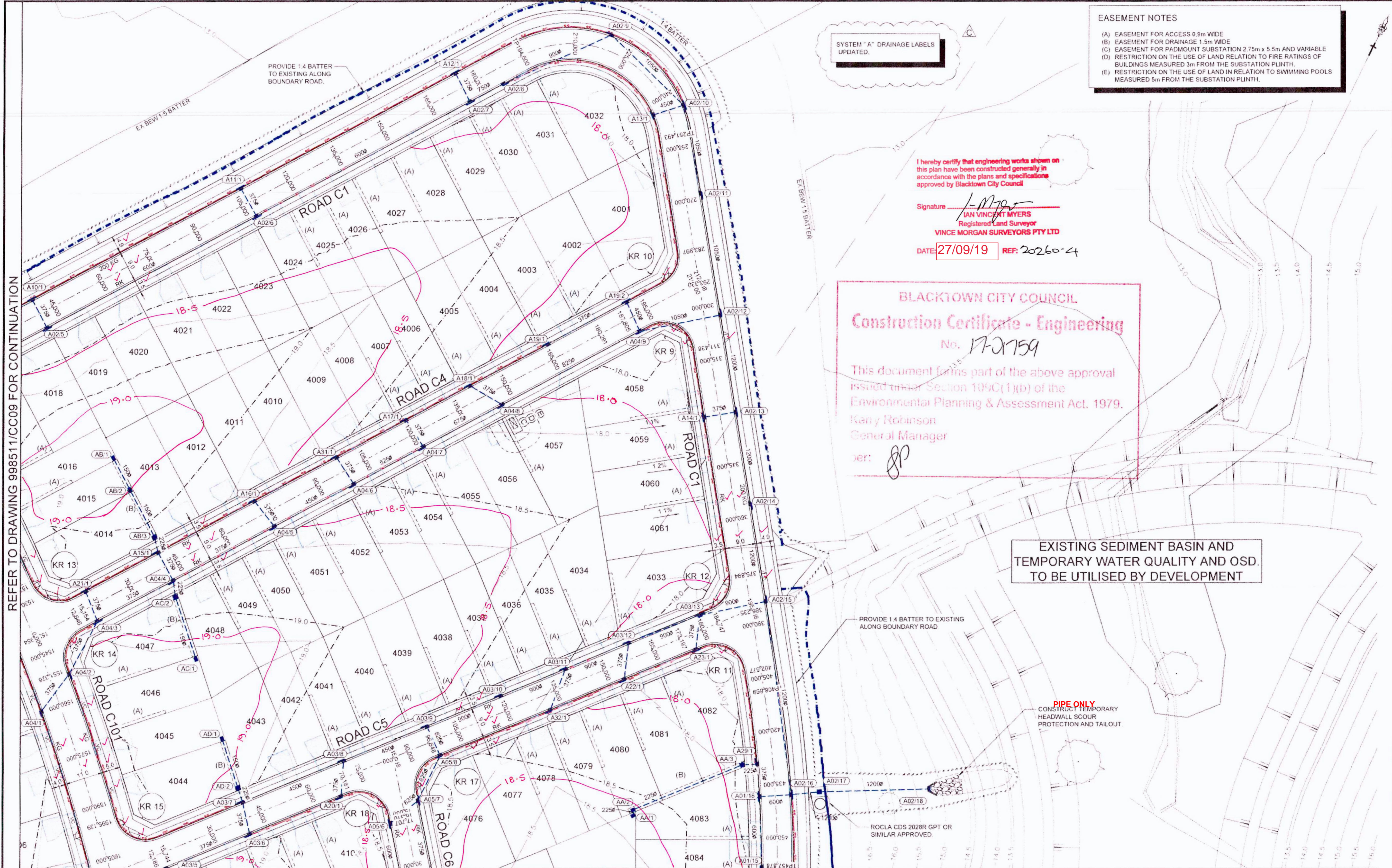
per: *[Signature]*

EXISTING SEDIMENT BASIN AND TEMPORARY WATER QUALITY AND OSD. TO BE UTILISED BY DEVELOPMENT

PROVIDE 1.4 BATTER TO EXISTING ALONG BOUNDARY ROAD

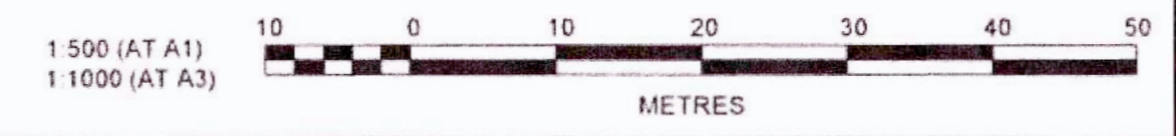
PIPE ONLY
 CONSTRUCT TEMPORARY HEADWALL SCOUR PROTECTION AND TAILOUT

ROCLA CDS 2028R GPT OR SIMILAR APPROVED



REFER TO DRAWING 998511/CC09 FOR CONTINUATION

REFER TO DRAWING 998511/CC08 FOR CONTINUATION



AMENDMENT	DES	DRN	CKD	APR	DATE
C DRAINAGE LABELS UPDATED	NT	NAF	MS	RO	14/12/17
B UPDATED TO CERTIFIER COMMENTS	NT	NAF	MS	RO	05/12/17
A ISSUE FOR CONSTRUCTION APPROVAL	NT	TG/NAF	MS	RO	30/10/17

J. WYNDHAM PRINCE CONSULTING CIVIL INFRASTRUCTURE ENGINEERS & PROJECT MANAGERS

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 P 02 4220 3300 F 02 4220 3399 W www.jwprince.com.au E jw@jwprince.com.au

CLIENT

WINTEN PROPERTY GROUP

AZIMUTH MGA
 DATUM AHD
 ORIGIN

THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION UNLESS SIGNED AS PART OF AN APPROVED CONSTRUCTION CERTIFICATE

ISSUED FOR CONSTRUCTION APPROVAL

NEWPARK PRECINCT 4
 ENGINEERING PLAN SHEET 4

PLAN No 998511/CC10 **C**
 FILE No 998511CC10
 SHEET SIZE A1 ORIGINAL

Printed: 14 December 2017 11:07:50 AM File Name: J:\998511\CC - Construction Certificate Approval Plans\PK11 CENTRAL PRECINCTS\998511\CC10.dwg