Tet (612) 9970 1111 Fax (612) 9970 1111 Fax (612) 9970 7150 Internet www pitwateriga com au Email pitwater_counci@pitwater new gov au Email pitwater_counci@pitwater_councip Email pitwater_councip Email pitwater_councip Email pitwater_councip Email pitwater_councip Email pitwater_councip Email pitwater_councip Email pitwater_councip Email pitwater_councip Email pitwater_councip Email pitwater_c	Tel (612) 9970 1111 Fax (612) 9970 7150 Internet: www.pitwateriga.com.au Email pitwater_council@pitwater new gov.au Email pitwater_councerses Email pi	Tel (612) 9970 1111 Fax (612) 9970 7150 Internet www patwateriga com au Email pitwater_council@pitwater new gov au Email pitwater_council@pitwater_council@pitwater_council@pitwater_council@pitwater_council@pitwater_council@pitwater_council@pitwater_council@pitwater_council@pitwater_council@pitwater_council@pitwater_council@pitwater_council@pitwater_council@pitwater_council@pitwater_council@pitwater_council@pit	Environmenta	I Planning and	I CERTIFICA Assessment Act 1979, es 139 (1) and 148			
Fax (912) 9970 7150 Image: Construction Control Construction Control Construction Control Construction Control Construction Control Construction Control Construction Constructintent Construction Construction Construction Construct	Fax (612) 9970 7150 Internet: www.pitwater(ga.com.au Internet: www.pitwater(ga.com.au Internet: www.pitwater(ga.com.au CC ($0.721/0^{\circ}$) SITE DETAILS Unit/Suite Street Unit/Suite Street No Street SUBurb Lot No Deposit /Strata Plan WAR R1 E.W 000 /3 108373 / Development Application No Determination Date Name/Company, Contact Person VICTOR Makker Postal Address Contact Person VICTOR Makker OWNERS DETAILS Contact Person VICTOR Makker Postal Address Contact Person VICTOR Makker Postal Address Contact Numbers Phone (H/B) 94 94 79 79 Mobile 0422 408 066 PENNAMT HILLS NSW 1715 Fax Signature of Applicant Commod Memody Utcost Contact Numbers Phone (H/B) Date OWNERS DETAILS Contact Macher Develop Ment HILLS NSW 1715 Fax Postal Address Contact Mach	Fax (912) 9970 7150 Imbernet www pitwateriga com au Internet www pitwateriga com au Modification of previously issued Email pitwater_council@pitwater new gov au CC (721/0%) SITE DETAILS Image: Street No Suburb Street No WAR R I E W 800 Lot No Development Application No Determination Date Modification No 08373 / Development Application No Determination Date Modification No 082 / 10/08 APPLICANT DETAILS Contact Person Victor R Name/Company, C S O Bod 2423 08 Postal Address Contact Numbers CACUINE CHISPORM CENTRE Contact Numbers Postal Address Contact Numbers Gay 2423 PENNANT HILLS NSW 1715 Fax Signature of Applicant Contact Numbers Verse Address Contact Numbers CAROLINE CHISPORMER Gay If Company, contact person Verse Address Contact Numbers Postal Address Contact Numbers Signature of Applicant Contact Numbers Postal Address Contact Street	PO Box 882 Mo	na Vale NSW 1660	Plea	se tick one		
Internet: www.pitwaterige.com au Email pitwater_council@pitwater.nsw.gov.au Email pitwater_council@pitwater	Internet: www.pitwateriga.com au Construction Certificate Email pitwater_council@pitwater new gov au CC ($0.721/0^{\circ}$ SITE DETAILS Unit/Suite Street No Street TorREST ROAD Suburb WAR RIEW000 I Deposit/Strata Plan WAR RIEW000 I OBST TorREST ROAD Suburb WAR RIEW000 I Determination Date NO 243/08 APPLICANT DETAILS Name/Company, CSO BROKEN DETAILS Name/Company, CAROLINE CHISHOLM CENIKE BDG 2423 PENNAN FIRLS NSW 1715 FENNANT HILLS NSW 1715 Determination Date 04/10/02 OWNERS DETAILS Contact Numbers Phone (H/B) 94 94 79 79 Pictor Address CAROLINE CHISHOLM CENIKE BDG 2423 PENNAN FIRLS NSW 1715 Contact Numbers Phone (H/B) (2) 9847 0836 Mobile 04/10/02 Contact Numbers Phone (H/B) (2) 9847 0836 Mobile 04/17 487 787 Phone (H/B) (2) 9847 0836 Mobile 04/17 487 787 Phone (H/B) (2) 9847 0836 Mobile 04/17 487 787 Phone (H/B) (2) 9847 0536 Mobile 04/17 487 787 Phone (H/B) (2) 9847 05536 Mobile 04/17 487 787 Phone (H/B) (2) 9	Internet www pitwater gas com au Email pitwater gau gau Email pitwater gau Email pitwater gau Email pitw						
Ernal pitwater_council@pittwater new gov au CC $(0721/06$ SITE DETAILS Unit/Suite Street No Street Sreet $RokPST$ $RokDSuburb Lot No Deposit /Strata PlanWARRIEW000$ 13 108373/ DEVELOPMENT CONSENT Development Application No Determination Date NO 243/08 $O2/10/08APPLICANT DETAILSName/Company,CSO BROKEN DEVICE CONSENTDevelopment Application No Determination DateRO 243/08$ $O2/10/08APPLICANT DETAILSName/Company,CSO BROKEN DEVICE CONTACT PersonVICTOR NAIKERPostal AddressCAROLINE CHISHOLM CENTREBDO 2423 PENNANT HILLS NSW 2120PO BOX 967TEINNANT HILLS NSW 2120PO BOX 967Development Applicant(SENTRE, RAZETIES)$ Date O4/10/08 OWNERS DETAILS Name $RUST2EC OF$ CHISHOLM CENTRE BDO 2423 PENNANT HILLS NSW 1715 FOSTAI Address CAROLINE CHISHOLM CENTRE BDO 2423 PENNANT HILLS NSW 2120 PO Stal Address CAROLINE CHISHOLM CENTRE BDO 2423 PENNANT HILLS NSW 2120 PO Stal Address CAROLINE CHISHOLM CENTRE BDO 2423 PENNANT HILLS NSW 1715 FOSTAI Address CAROLINE CHISHOLM CENTRE BDO 2423 PENNANT HILLS NSW 1715 FOSTAI Address CAROLINE CHISHOLM CENTRE BDO 2423 PENNANT HILLS NSW 1715 FENNANT HILLS NSW 1715 FENNANT HILLS NSW 1715 FOSTAI Address CAROLINE CHISHOLM CENTRE BDO 2423 PENNANT HILLS NSW 1715 FENNANT HILLS NSW 1715 FENNANT HILLS NSW 1715 FENNANT HILLS NSW 1715 Fax (a2) 9847 000/ As the owner of the HIM WINGHING Displaceton relates 1 consent to this application 1 also give consent of the MINON HIMENDAL CONTACT NUMEROUS CONSENT COMMERS DETAILS (Set TRE) Signature of Owners Signature of Owners CAROLINE CHISHOLM CENTRE Date	Email pitwater_council@pitwater new gov au SITE DETAILS SITE DETAILS Unit/Suite Street No Street 5 $F_{O/RPST}$ R_{OAD} Suburb Lot No Deposit /Strata Plan WARRIEW000 /3 108373 / DEVELOPMENT CONSENT Development Application No Determination Date NO 243/08 $02/10/08APPLICANT DETAILSName/Company,CSO$ BROKEN BAY Contact Person VICTOR NALKER Postal Address CAROLINE CHISHOLM CEVILE BDG 2423 PENNANT HILLS NSW 1715 Signature of Applicant (2000) PO B0X 967 TENNANT HILLS NSW 1715 Signature of Applicant (2000) Postal Address CAROLINE CHISHOLM CEVILE BDG 2423 PENNANT HILLS NSW 1715 Signature of Applicant (2000) Postal Address CAROLINE CHISHOLM CEVILE BDG 2423 PENNANT HILLS NSW 1715 Signature of Applicant (2000) Postal Address CAROLINE CHISHOLM CEVILE BDG 2423 PENNANT HILLS NSW 1715 Signature of Applicant (2000) Signature of Applicant (2000) Postal Address CAROLINE CHISHOLM CEVILE BDG 2423 PENNANT HILLS NSW 1715 Raw 92847 0836 Mobile O4/10 /02 OWNERS DETAILS (2000) Postal Address CAROLINE CHISHOLM CENTRE BDG 2423 PENNANT HILLS NSW 1715 Raw 92 877 98 787 PENNANT HILLS NSW 1715 As the owner the BMR With MB Bolication relates 1 consent to this application 1 also give contact method and out more failed 0000 (2007) As the owner the BMR With MB Bolication relates 1 consent to this application 1 also give contact method and out more failed 0000 (2007) As the owner the BMR With MB Bolication relates 1 consent to this application 1 also give contact method 0 contact Church (2007) As the owner the BMR With MB Bolication relates 1 consent to this application 1 also give contact method 0 contact Mathematication 1 also give contact method 0 contact Mathematication 1 also give contact method 0 contact Mathematication 1 also give contact method 0 contact 0 consent to this application 1 also give contact method 0 contact 0 conta	Email pitwater_council@pitwater new gov au CC (7721/03 SITE DETAILS Unit/Suite Street No Street ForRest Roap Suburb WAR RIEW000 ISTEDETAILS Unit/Suite Street No Street ForRest Roap Suburb WAR RIEW000 ISTEDETAILS Unit/Suite Street No Street CONSENT Development Application No NO 243/08 COntact Person VICTOR NAKER Postal Address CAROLINE CHISHOLM CENTRE BDG 2423 PENNANT HILLS NSW 1715 Signature of Applicant Contact Numbers Phone (H/B) 94847979 Postal Address CAROLINE CHISHOLM CENTRE BDG 2423 PENNANT HILLS NSW 1715 Signature of Applicant Contact Person CAROLINE CHISHOLM CENTRE BDG 2423 PENNANT HILLS NSW 1715 Signature of Applicant Contact Numbers Phone (H/B) 94847970836 Contact Numbers Phone (H/B) 029847 0836 Contact Numbers Phone (H/B) 029847 0836 Nobile 04/7 489 787 Postal Address CAROLINE CHISHOLM CENTRE BDC 2423 PENNANT HILLS RD PENNANT HILLS NSW 1715 Signature of CAROLINE CHISHOLM CENTRE BDC 2423 PENNANT HILLS RD PENNANT HILLS NSW 1715 Signature of CAROLINE CHISHOLM CENTRE BDC 2423 PENNANT HILLS RD PENNANT HILLS NSW 1715 As the owner of the Iddit Divided Iddication relates 1 consent to this application 1 also give contact person Vice L Grander Contact Person Vice L Grander Contact Person Vice L Grander Contact State Phone CONTact Numbers Phone (H/B) 029847 0836 Nobile 04/7 489 787 Fax (a2) 9847 05836 Nobile 04/7 489 787 Fax (a2) 9847 05836 Nobile 04/7 489 787 Fax (a2) 9847 05636 Nobile 04/7 489 787 Fax (a2) 9847 0563 Nobile 04/7 489 787 Fax (a2) 9847 05636 Nobile 04/7 489 787 Fax (a2) 9847 0563 Nobile 04/7 489 787 Fax (a2) 9847 056 Nobile 04/7 489 787 Fax (a2						
SITE DETAILS Unit/Suite Street No Street for Rest Ro 4D Suburb WAR RIEW000 IS PORST ROAD Suburb WAR RIEW000 IS PORST ROAD DEVELOPMENT CONSENT Development Application No Determination Date NO 243/08 Determination Date NO 80707 Person ANT HILLS NSW 2120 PO 807967 Postal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS RD PENNANT HILLS NSW 1715 Postal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS RD PENNANT HILLS NSW 2120 PO 807967 PENNANT HILLS NSW 2120 PO 807967 PENNANT HILLS NSW 2120 PO 807967 PENNANT HILLS NSW 1715 As the owner of the BHON SWIPPINGE DATE I consent to this application 1 also give consent to the set of the BHON Street field to while the Advect A the Advect A the top the field to while the Advect A the top the BHON Street field to the top the	SITE DETAILS Unit/Suite Street No Street STOREST ROAD Suburb Unit/Suite Street No Street Street No Street Suburb Unit/Suite Street No Street Suburb UAR RIEW 000 IST TROPPORT CONSENT Development Application No Determination Date 02/10/08 APPLICANT DETAILS Name/Company CSO BAOKEN BAY Contact Person VICTOR NAIKER CAROLINE CHISFOLM CEVIKE BDG 2423 PENNANT HILLS RD PENNANT HILLS NSW 1715 Fax 9484 5559 Signature of Applicant Contact Person VICTOR NAIKER CONTACT PHONE 98470000 Signature of Applicant Contact Person VICTOR NAIKER CONTACT NUMBERS PHONE 98402 PENNANT HILLS NSW 1715 Fax 9484 5559 Signature of Applicant Contact Person VICTOR VAIKER CONTACT PHONE 98470000 Contact Person VICTOR NAIKER CONTACT NUMBERS PHONE 98407000 Contact Person VICTOR NAIKER CONTACT NUMBERS Phone (H/B) 9484 79 79 Mobile 04/10/02 Contact Person VICTOR NAIKER CONTACT NUMBERS CAROLINE CHISHOLM CENTRE BDG 2423 PENNANT HILLS RD PENNANT HILLS NSW 1715 Fax (G2) 9847 0836 Nobile 04/7 489 787 PENNANT HILLS NSW 1715 As the owner of the Bidd Brothol Carry out Inspectons Signature of Owners Signature of When Bidd Brothold Carry Out Inspectons Signature of When Bidd Brothold Carry Out Inspectons Signature of When Bidd Brothold Carry Out Inspectons Signature of Owners Notice Compact Concept File Information Carry Out Inspectons Signature of When Bidd Brothold Carry Out Inspectons Signature of When Bidd Brothold Carry Out Inspectons Signature of When Bidd Brothold Carry Carry Application 1 also give concept file Information Carry Out Inspectons Signature of When Bidd Brothold Carry Out Inspectons Signature of When Bidd Brothold Carry Carry Application 1 also give concept file Information Carry Out Inspectons Signature of When Bidd Brothold Carry Carry Application 1 also give concept file Information Carry Out Inspectons Signature of Owners Name Concept file Information Carry Carry Application 1 also give concept file Information Carry Out Inspectons Signature of Owners Name Concept file Information Carry Out Inspectons Signature of Owners Signature of Car	SITE DETAILS Unit/Suite Street No Street FORPEST ROAD Suburb Suburb WARRIEWOO DEVELOPMENT CONSENT Development Application No WARRIEWOO Determination Date 2/10/08 APPLICANT DETAILS Name/Company, CSO BROKEN DAY, Postal Address CAROLINE CHISPOLM CENTRE BDG 2423 PENNANT HILLS NB V1715 Signature of Applicant Contact Person VICTOR NAKER CONTACT VICTOR VICTOR PERSON VICT		-	2014 COV 011			
Unit/SuiteStreet NoStreet R_{ORPST} R_{OAD} Suburb $WARRIEW000$ Iot NoDeposit /Strata Plan $WARRIEW000$ Iot NoIot No $IO8373/$ Development Application No $NO243/08$ Determination Date $NO243/08$ $O2/10/08$ APPLICANT DETAILSName/Company, CAROLINE CHISPOLM CENTRE BDG 2423 PENNANT HILLS NSW 2120 PENNANT HILLS NSW 2120 PO 803 667Ocntact Person $VICTORNANT HILLS NSW 2120PO 803 667PO803 867Contact NumbersPhone (H/B)PHONE 9847 0000FaxSignature of ApplicantJoint MeMPAYStratz FactoresOWNERS DETAILSJoint MeMPAYStratz FactoresNamePostal AddressCAROLINE CHISHOLM CENTREBDG 2/423 PENNANT HILLS NSW 1715If Company, contact personTown MeMPAYStratz FactoresSignature of ApplicantDeter Stratz FactoresJoint MeMPAYContact NumbersOWNERS DETAILSJoint MeMPAYStratz FactoresNamePostal AddressPONANT HILLS NSW 1715If Company, contact personTown MeMPAYPONANT HILLS NSW 1715As the owner of the BMON Will fill Strats NSW 1715If Consent to this application 1 also give companyMobileAs the owner of the BMON Will fill Strats NSW 1715DateAs the owner of the BMON Will fill Strats NSW 1715DateAs the owner of the BMON Will fill Strats NSW 1715DateAs the owner of the BMON Will fill Strats NSW 1715DateAs the owner of the BMON Will fill Strats NSW 1715Date$	$\begin{array}{c c c c c c c c c c c c c c c c c c c $	Unit/Suite Street No Street Rorest			iisw gov au	CC.		
Suburb $WARRIEW000$ WARRIEW000 ARRIEW000 ARRIEW000 ARRIEW000 ARRIEW000 ARRIEW000 ARRIEW000 ARRIEW000 ARRIEW000 ARRIEW000 ARRIEW000 ARRIEW000 ARRIEW000 ARRIEW000 ARRIEW00000 ARRIEW000000 ARRIEW00000000000000000000000000000000000	Suburb Lot No Deposit / Strata Plan WARRIEW00 /3 108373 / DEVELOPMENT CONSENT Determination Date 108373 / Development Application No Determination Date 22 /0 / 08 Mame/Company, Contact Person Victor Nauker CS O BAO USA BAY Victor R Postal Address Contact Person Victor R Victor R BDG 2423 PENNANT HILLS NSW 2120 Postal Status Contact Numbers Postal Address Contact Numbers Phone (H/B) 94 84 79 79 Signature of Applicant Com/ MeV/D4Y Date 04/10 / 02 Signature of Applicant Com/ MeV/D4Y Date 04 / 10 / 02 Vertex of Bao Ker Bay Date Contact Numbers Phone (H/B) Postal Address Caroline Chisholm CENTRE Date To Ay MeXer Acc BDG 2423 PENNANT HILLS NSW 2120 Po BOX 967 Fax QUS 9847 08.36 Postal Address Caroline Chisholm centre Bod 2423 PENNANT HILLS NSW 2120 Po BOX 967 Fax QU 9847 08.36 Po BOX 967 PENNANT HILLS NSW 2120 Po BOX 967 Fax	Suburb Lot No Deposit /Strata Plan WARRIEWOOD 13 108373/ DEVELOPMENT CONSENT Determination Date Development Application No Determination Date NO 243/08 02/10/08 APPLICANT DETAILS Contact Person No Contact Person CS O BO KEN AAT Postal Address Caroline CHSHOLM CEVIKE BD0 2423 PENNANT HILLS NSW 2120 Phone (H/B) PENNANT HILLS NSW 2120 Mobile PHONE S847 0000 Jourd MENPAY Signature of Applicant Contact Remains Ware Factor of Contact Curve factors Of A/2 408 OWNERS DETAILS Date Date Jourd MENPAY Date Toki Melesny (Contact Person Toky for AMENPAY) Name TRUSTEE OF Contact Curve factors Order factor factor factor for AMENPAY Development Applicant Boo 2/2/29 PRANT HILLS NSW 1715 Name TRUSTEE OF Contact Curve factor fac			Street	<u> </u>	· · · · · · · · · · · · · · · · · · ·	
Suburb $WARRIEW000$ WARRIEW000 ARRIEW000 ARRIEW000 ARRIEW000 ARRIEW000 ARRIEW000 ARRIEW000 ARRIEW000 ARRIEW000 ARRIEW000 ARRIEW000 ARRIEW000 ARRIEW000 ARRIEW000 ARRIEW00000 ARRIEW000000 ARRIEW00000000000000000000000000000000000	SuburbLot NoDeposit / Strata Plan $WARRIEW000$ /3108373/DEVELOPMENT CONSENTDetermination DateDevelopment Application NoDetermination Date $NO 243/08$ $92/10/08$ APPLICANT DETAILSContact PersonName/Company,Contact Person CSO BAD UEN BAYPostal AddressContact PersonCAROLINE CHISHOLM CE VIKEBDG 2423 PENNANT HILLS NSW 2120 $PO BOX 967$ PENNANT HILLS NSW 2120 $PO BOX 967$ Deterfice framolic Child Ce VIKESignature of Applicant (Strate Parce Factorize)DateCAROLINE CHISHOLM CE VIKEDate $Mobile$ $04224 408 0666$ $PO BOX 967$ Fax $QLSCEIF EF BLOC 2423 PENNANT HILLS NSW 1715FaxQLSCEIF EF BLOC 2423 PENNANT HILLS NSW 2120DatePostal AddressContact NumbersCAROLINE CHISHOLM CENTREBDC 2423 PENNANT HILLS NSW 2120Postal AddressCAROLINE CHISHOLM CENTREBDC 2423 PENNANT HILLS NSW 2120FaxPO BOX 967PENNANT HILLS NSW 2120Postal AddressContact NumbersPhone (H/B)(D)(2) 9847 08.36MobileO4/7 489 787Fax(Q2) 9847 000/As the owner of the Information frame the lando carry out inspectionsSignature of OwnersRever AVIC.D.L Served.QLMobileVIC.D.L Served.QLContact Gueret of BACKEN AVIC.D.L Served.QLContact Gueret of BACKEN AVIC.D.L Served.QLContact Gueret of BACKEN AV$	Suburb Lot No Deposit /Strata Plan WARRIEWOOD 13 108373/ DEVELOPMENT CONSENT Determination Date Development Application No Determination Date NO 243/08 02/10/08 APPLICANT DETAILS Contact Person No Contact Person CS O BO KEN AAT Postal Address Caroline CHSHOLM CEVIKE BD0 2423 PENNANT HILLS NSW 2120 Phone (H/B) PENNANT HILLS NSW 2120 Mobile PHONE S847 0000 Jourd MENPAY Signature of Applicant Contact Remains Ware Factor of Contact Curve factors Of A/2 408 OWNERS DETAILS Date Date Jourd MENPAY Date Toki Melesny (Contact Person Toky for AMENPAY) Name TRUSTEE OF Contact Curve factors Order factor factor factor for AMENPAY Development Applicant Boo 2/2/29 PRANT HILLS NSW 1715 Name TRUSTEE OF Contact Curve factor fac		5	FOREST 1	KO4D		
DEVELOPMENT CONSENTDevelopment Application No $NO 243/08$ Determination Date $NO 243/08$ Determination Date $O 243/08$ $O2/10/08$ APPLICANT DETAILSName/Company, C S OBAOKEN BAYPostal Address DB0 2423 PENNANT HILLS NSW 2120 P 0 B0X 967Contact Person VICTOR NAKERPostal Address DB0 2423 PENNANT HILLS NSW 2120 P 0 B0X 967Contact Numbers Phone (H/B)94 84 79 79 Phone (H/B)Signature of Applicant DECETF 6F CAPHOLIZC C HURCH DECETF 6F BACKED BAYDateDateOWNERS DETAILSDetette of Backed Bay Contact NumbersDatePostal Address DES 2/423 PENNANT HILLS NSW 2120 PO BOX 967DateContact Numbers Contact NumbersPostal Address DES 2/423 PENNANT HILLS NSW 2120 P 0 BOX 967 PENNANT HILLS NSW 1715If Company, contact person To AN MENDARY (CAPEDOC)Name TRUSTETF CH CAPHOLIZC CHURCH DECETF 6F BACKED BAYIf Company, contact person To AN MENDARY (CAPEDOC)Name TRUSTETF CH CAPHOLIZC CHURCH DES 2/423 PENNANT HILLS NSW 2120 P 0 BOX 967 PENNANT HILLS NSW 1715Fax (Q2) 9847 08.36 HODIE O4/7 489 787 Fax (Q2) 9847 08.36 Mobile O4/7 489 787 Fax (Q2) 9847 000/As the owner of the Idno of Single Inductor and to any out inspectionsDate HAMACHDateSignature of Owners Signature of OwnersRev T8 HAMACHDate	DEVELOPMENT CONSENT Development Application No NO 243/08 APPLICANT DETAILS Name/Company, CS O BROKEN BAY Postal Address CAROLINE CHISHOLM CEVIKE BDG 2423 PENNANT HILLS NSW 1715 PENNANT HILLS NSW 1715 Signature of Applicant Contact Person VICTOR NALKER Contact Numbers Phone (H/B) 94947979 Mobile 0422 408 066 PENNANT HILLS NSW 1715 Signature of Applicant Contact Numbers Phone (H/B) 9494708 OWNERS DETAILS CAROLINE CHISHOLM CENTRE BDG 2423 PENNANT HILLS RD PHONE SAE2 000 PENNANT HILLS NSW 1715 Signature of Applicant Contact Numbers Postal Address CAROLINE CHISHOLM CENTRE BDG 2423 PENNANT HILLS RD Postal Address CAROLINE CHISHOLM CENTRE BDG 2423 PENNANT HILLS RD PENNANT HILLS NSW 1715 Fax (a2) 9847 0836 Mobile 04/7 489 787 Fax (a2) 9847 000/ PHONE (H/B)(D)(a2) 9847 0836 Mobile 04/7 489 787 Fax (a2) 9847 000/ PHONE (H/B)(D)(a2) 9847 0836 Mobile 04/7 489 787 Fax (a2) 9847 000/ PHONE (H/B)(D)(a2) 9847 0836 Mobile 04/7 489 787 Fax (a2) 9847 000/ PHONE (H/B)(D)(a2) 9847 0836 Mobile 04/7 489 787 Fax (a2) 9847 000/ PHONE (H/B)(D)(a2)	DEVELOPMENT CONSENT Development Application No NO 243 08 APPLICANT DETAILS Name/Company, CSO BLOKEN BAY Postal Address CAROLINE CHISHOLM CEVIKE BDG 2423 PENNANT HILLS NSW 2120 P 0 B0X967 PENNANT HILLS NSW 2120 P 0 B0X967 PENNANT HILLS NSW 1715 Signature of Applicant Compared to the State Sta					Lot No	
Development Application No NO 243/08 APPLICANT DETAILS Name/Company, CSO BROKEN BAY, Postal Address CAROLINE CHISHOLM CENTKE BDG 2423 PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 1715 Signature of Applicant CAROLINE CHISHOLM CENTRE BDG 2423 PENNANT HILLS NSW 1715 Signature of Applicant CAROLINE CHISHOLM CENTRE BDG 2423 PENNANT HILLS RD PENNANT HILLS NSW 1715 Signature of Applicant CAROLINE CHISHOLM CENTRE BDG 2423 PENNANT HILLS RD PENNANT HILLS NSW 1715 Signature of Applicant CAROLINE CHISHOLM CENTRE BDG 2423 PENNANT HILLS RD POStal Address CAROLINE CHISHOLM CENTRE BDG 2423 PENNANT HILLS RD PENNANT HILLS NSW 1715 As the owner of the failed by wifeth this BBD cator relates 1 consent to this application 1 also give control of the failed by wifeth ling BD cator relates 1 consent to this application 1 also give control of the failed to carry out inspections Signature of Owners Signature of Owners Signature of Owners Signature of Owners Phone (Hall Di Strate to enter the land to carry out inspections Signature of Owners Phone (Hall Di Strate to enter the land to carry out inspections Signature of Owners Phone (Hall Di Strate to enter the land to carry out inspections Signature of Owners Phone (Hall Di Strate to enter the land to carry out inspections Signature of Owners Phone (Hall Di Carrie to enter the land to carry out inspections Signature of Owners Phone (Hall Di Strate to enter the land to carry out inspections Signature of Owners Phone (Hall Di Strate to enter the land to carry out inspections Signature of Owners Phone (Hall Di Carrie to enter the land to carry out inspections Phone (Hall Di Strate to enter the land to carry out inspections Phone (Hall Di Strate to enter the land to carry out inspections Signature of Owners Phone (Hall Di Strate to enter the land to carry out inspections Phone (Hall Di Strate to enter the land to carry out inspections Phone (Hall Di Strate to enter the land to carry out inspec	Development Application No NO 243/08 APPLICANT DETAILS Name/Company, CSO BAOKEN BAY, Postal Address CAROLINE CHISHOLM CENTRE BDG 2423 PENNANT HILLS NSW 2120 PO BOX 967 YENNANT HILLS NSW 2120 PO BOX 967 YENNANT HILLS NSW 1715 Signature of Applicant SECTOR NAIKER Contact Person $V_{1CTOR NAIKER$ Contact Numbers Phone (H/B) 94 84 79 79 Mobile O422 408 066 Fax 9484 5559 Date O4/10/08 OWNERS DETAILS CAROLINE CHISHOLM CENTRE BDG 2423 PENNANT HILLS NSW 1715 Fax 9484 5559 Dote CAROLINE CHISHOLM CENTRE BDG 2423 PENNANT HILLS NSW 1715 Postal Address CAROLINE CHISHOLM CENTRE BDG 2423 PENNANT HILLS NSW 2120 Po BOX 967 PENNANT HILLS NSW 1715 As the owner of the HIGH SWIRTH INSW 9120 PO BOX 967 PENNANT HILLS NSW 1715 As the owner of the HIGH SWIRTH INSW 9120 PO BOX 967 PENNANT HILLS NSW 1715 As the owner of the HIGH SWIRTH INSW 9120 PO BOX 967 PENNANT HILLS NSW 1715 As the owner of the HIGH SWIRTH INSW 9120 PO BOX 967 PENNANT HILLS NSW 1715 As the owner of the HIGH SWIRTH INSW 9120 PO BOX 967 PENNANT HILLS NSW 1715 As the owner of the HIGH SWIRTH INSW 9120 PO BOX 967 PENNANT HILLS NSW 1715 As the owner of the HIGH SWIRTH INSW 9120 PO BOX 967 PENNANT HILLS NSW 1715 Signature of Camputer (LEW TB LODENTER BDG 2423 PENNANT HILLS NSW 1715 Signature of the HIGH SWIRTH INSW 9120 PO BOX 967 PENNANT HILLS NSW 1715 Signature of the HIGH SWIRTH INSW 9120 PO BOX 967 PENNANT HILLS NSW 1715 As the owner of the HIGH SWIRTH INSW 9100 carry out inspections Signature of the HIGH SWIRTH INSW 9100 carry out inspections Signature of the HIGH SWIRTH INSW 9100 carry out inspections Signature of Camputer (LEW TB AGAL THUSTRE of Camputer (LEW TB AGAL THUSTRE of CAMPUTER CHURCH - DIOCEST OF BACKER AND	Development Application No NO 243 08 APPLICANT DETAILS Name/Company, CSO BLOKEN BAY Postal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS NSW 1715 PENNANT HILLS NSW 1715 PHONE 9847 0000 P & BOX 967 PHONE 9847 0000 Signature of Applicant Contact Numbers Phone (H/B) 94 94 79 79 Phone (H/B) 94 94 79 79 Name 7RUST24 OF CHIMCHOLES NSW 1715 PHONE 9847 0000 Name 7RUST24 OF CHIMCHOLES NSW 1715 POStal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS NSW 1715 PHONE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS NSW 1715 Postal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS NSW 1715 Postal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS NSW 1715 Fax (Q2) 9847 0836 Mobile 04/7 489 787 PENNANT HILLS NSW 1715 Fax (Q2) 9847 000/ As the owner of the failed by filled by card of carry out inspections Signature of Compary Contact person PENNANT HILLS NSW 1715 Fax (Q2) 9847 0836 Mobile 04/7 489 787 Fax (Q2) 9847 000/ As the owner of the failed by filled by card on relates 1 consent to this application 1 also give constraints Signature of Chiper Chiper on the failed by filled by card on target on the saplication 1 also give constraints Signature of Chiper on enterting land to carry out inspections Signature of Chiper on the saplication on the purchased with on confirmation from the purchaser's Solicitor for the continon seal must be stamped on this application for the purchaser's Solicitor for the continon seal must be stamped on this application for the purchased withon confirmation from the purchaser's Solicitor for the continon seal must be stamped on this application for the purchaser's Solicitor for the common seal must be stamped on this application for the purchaser's Solicitor for the common seal must be stamped on this application for the purchaser's Solicitor for the common seal must be stamped on this application for the purchaser's Solicitor for the common seal must be stamped on this application for the purchaser's Solicitor for the common seal mu	WAR	RIEWO	01)		13	108373/
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	$\frac{NO}{243}/08$ $\frac{O2}{10}/08$ O	NO 243/08 22/10/08 APPLICANT DETAILS Name/Company, C S O BLOKEN BAY Contact Person Victor Nakker Postal Address CAROLINE CHISHOLM CENTRE BDG 24/23 PENNANT HILLS NSW 2120 P 0 BOX 967 Contact Numbers Phone (H/B) 94 94 79 79 PENNANT HILLS NSW 2120 P 0 BOX 967 Mobile 04/22 408 066 Signature of Applicant Contact Church (2000) Date 04/10/02 Signature of Applicant Contact Church (2000) Date 04/10/02 OWNERS DETAILS Detelle of BROKENBAY Date 04/10/02 OWNERS DETAILS Detelle of BROKENBAY State of Applicant State of Applicant Mobile CAROLINE CHISHOLM CENTRE BDC 2/423 PENNANT HILLS RD PENNANT HILLS NSW 2120 P O BOX 967 PENNANT HILLS NSW 1715 Contact Numbers Phone (H/B)(D)(2)/9847 08/36 Mobile Out 7 489 787 Fax (c2) 9847 000/ As the owner of the follow with the langto carry out inspections State of Contact To this application 1 also give control of the authonsed Council of the and to carry out inspections State of Contact Numbers Signature of Water of the langto carry out inspections Bate State of Contact Numbers Mobile Curch - Diocett of Box Part Adv State of Contact Numbers Pione (H/B)(D) Water fill State of Contact I water of the apoto carry out inspections Sta	DEVELOP	MENT CONS	SENT			
APPLICANT DETAILS Name/Company, CSO BROKEN BAY Postal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 2120 PO BOX 967 PHONE 9847 0000 Signature of Applicant (Source Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS NSW 1715 Signature of Applicant (Source Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS NSW 1715 Fax 9484 5559 Name 7RUSTER OF CATHOLIC CHURCH NEWSON BAY Postal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS NSW 1715 Fostal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS NSW 1715 Fax 92847 0836 Name 7RUSTER OF CAROLIC CHURCH Nociff OF BROKEN BAY Postal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS NSW 1715 Fax 92 9847 0836 Mobile 94/7 489 787 FENNANT HILLS NSW 1715 As the owner of the famility filled his 90 plication relates I consent to this application I also give control of Melling authonsed Council Officer to entertrife land to carry out inspections Signature of Owners Signature of Owners Signature of Owners Marked Handwon 94 0000 Signature of Owners Signature of Owners Signature of Owners Signature of Owners Signature of Owners Marked Handwon 94 0000 Signature of Owners Signature of Owners CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS NSW 1715 As the owner of the famility filled his 90 plication relates I consent to this application I also give control of Owners Signature ON	APPLICANT DETAILSName/Company, C S O BROKEN BAYContact Person Victor NamePostal Address DB 2/423 PENNANT HILLS NSW 2120 P O BOX 967Contact Numbers Phone (H/B) 94 84 79 79 PENNANT HILLS NSW 2120 P O BOX 967Contact Numbers Phone (H/B) 94 84 79 79 Pathone (H/B) 94 84 79 79 Mobile 0422 408 066 Fax 9484 5559Signature of Applicant DETAILSCommon Membray Server AccurateDate O 4/10 /01OWNERS DETAILSDown Membray Server AccurateDate Down Membray Contact NumbersPostal Address DotaCAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 1715If Company, contact person To MN MENDARY Contact NumbersPostal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 1715If Company, contact person To MN MENDARY Postal AddressAs the owner of the failed of while fills 00 failed to arry out inspectionsConsent to this application 1 also give company 28 1 is 120 00 /Contact Numbers Phone (H/B) 00 company 28 1 is 120 00 /As the owner of the failed of while fills 00 failed to arry out inspectionsConsent to this application 1 also give company 28 1 is 120 00 /Signature of Owners Signature of OwnersRev T B Action of a and the AddressDate 28 1 is 120 00 /Manuel Conserver Michael ConserverRev T B Action of a and the AddressDate Action of a and the Address	APPLICANT DETAILS Name/Company, CSO BLOKEN BAY Postal Address CAROLINE CHISHOLM CENTKE BDG 2423 PENNANT HILLS NEW PENNANT HILLS NEW 1715 PENNANT HILLS NEW 1715 Signature of Applicant Contact Numbers Phone (H/B) 94947979 OWNERS DETAILS Contact Numbers Postal Address CAROLINE CHISHOLM CENTRE BDG 2423 PENNANT HILLS NEW PENNANT HILLS NEW 1715 Contact Numbers Phone (H/B) 949470836 OWNERS DETAILS CAROLINE CHISHOLM CENTRE BDG 2423 PENNANT HILLS NEW Postal Address CAROLINE CHISHOLM CENTRE BDG 2423 PENNANT HILLS NEW Postal Address CAROLINE CHISHOLM CENTRE BDG 2423 PENNANT HILLS NEW Postal Address CAROLINE CHISHOLM CENTRE BDG 2423 PENNANT HILLS NEW Postal Address CAROLINE CHISHOLM CENTRE BDG 2423 PENNANT HILLS NEW Postal Address CAROLINE CHISHOLM CENTRE BDG 2423 PENNANT HILLS NEW Postal Address CAROLINE CHISHOLM CENTRE BDG 2423 PENNANT HILLS NEW Postal Address CAROLINE CHISHOLM CENTRE BDG 2423 PENNANT HILLS NEW PO BOX 967 PENNANT HILLS NEW			n No	De	/	
Name/Company, CSO BROKEN BAY Postal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS RD PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 1715 Signature of Applicant CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS NSW 1715 Signature of Applicant Contact Numbers Phone (H/B) 94 94 79 79 Mobile 0422 408 066 Fax 9484 5559 Date 04/10/02 OWNERS DETAILS CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS RD Postal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS RD Postal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS RD PENNANT HILLS NSW 1715 Fax (a2) 9847 0836 Mobile 04/7 489 787 FENNANT HILLS NSW 1715 As the owner of the failed Stiffed fully	Name/Company, CSO BLOKEN BAY Postal Address CAROLINE CHISHOLM CENTRE BDG 2423 PENNANT HILLS NSW 2120 P 0 BOX 967 PENNANT HILLS NSW 1715 Signature of Applicant Date D	Name/Company, CSO BROKEN BY Postal Address CAROLINE CHISHOLM CENTKE BDG 2/423 PENNANT KILLS RD PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 1715 Fax 94/84 5559 Contact Numbers Phone (H/B) 94 84 79 79 Mobile 0422 408 066 Fax 94/84 5559 Signature of Applicant Control Methody Postal Address Date Contact Numbers Phone (H/B) 60 847 0800 Date Contact Person Contact Numbers Phone (H/B) 94 84 79 79 Mobile 0422 408 066 Fax 94/84 5559 Signature of Applicant Contact Numbers Date Contact Numbers Phone (H/B) (0) (0) 9847 0836 Date Contact Numbers Phone (H/B) (0) (0) 9847 0836 Name 7RV572F1 of CATHOLIZC (HVRCH BDG 2/433 PENNANT HILLS RD PENNANT HILLS NSW 1715 Fax (02) 9847 0836 If Company, contact person Contact Numbers Phone (H/B) (0) (02) 9847 0836 Postal Address CAROLINE CHISHOLM CENTRE BDG 2/433 PENNANT HILLS RD PENNANT HILLS NSW 1715 Fax (02) 9847 000/ PENNANT HILLS NSW 1715 Fax (02) 9847 000/ PE	NO	243/0	8			10/08
$\begin{array}{c c c c c c c c c c c c c c c c c c c $	CSO BROKEN BAY Postal Address CAROLINE CHISHOLM CENTRE BDG 2423 PENNANT HILLS RD PENNANT HILLS NSW 2120 PO BOX 967 PHONE 9847 0000 Signature of Applicant CAROLINE CHISHOLM CENTRE BDG 2423 PENNANT HILLS RD PHONE 9847 0000 COMMERS DETAILS CAROLINE CHISHOLM CENTRE BDG 2423 PENNANT HILLS RD PHONE 9847 0000 CAROLINE CHISHOLM CENTRE BDG 2423 PENNANT HILLS RD PENNANT HILLS NSW 2120 Postal Address CAROLINE CHISHOLM CENTRE BDG 2423 PENNANT HILLS RD PENNANT HILLS NSW 2120 Postal Address CAROLINE CHISHOLM CENTRE BDG 2423 PENNANT HILLS RD PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 1715 As the owner of the BMG ROWING HINGONDUC CHISEN ON Attom of the BMG ROWING HINGONDUC CHISEN ON As the owner of the BMG ROWING HINGONDUC CHISEN ON ULLEL Server AL WILLEL Server AL WILLE Server AL WILLE Server AL WILLEL Server AL WILLE SERVER CHISE CHISH AND WILLE SERVER AN WILLE Server AL WILLE Server AL WILLE Server AL WILLE SERVER CHISH CHISH AND WILLE SERVER AN WILLE Server AL WILLE Server AL WILLE Server AL WILLE SERVER CHISH AND WILLE SERVER AN WILLE SERVER AL WILLE SERVER	CSO BROKEN BAY VICTOR NAKER Postal Address CAROLINE CHISHOLM CENTKE BDG 2/423 PENNANT HILLS RD PENNANT HILLS NSW 2120 PO BOX 967 Contact Numbers PENNANT HILLS NSW 2120 Po BOX 967 Mobile 0422 408 066 Signature of Applicant Joint MENDAY Date OWNERS DETAILS Dave Effect Brokev Bay 04/10/08 Name 7RVS72ES OF BROKEN Bay If Company, contact person To his MENDAY State Chistop Active A	APPLICAN	IT DETAÍLS			/	/
Postal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS RD PENNANT HILLS NSW 2120 P 0 B0X 967 PENNANT HILLS NSW 1715 Signature of Applicant Contact Numbers Phone (H/B) 94 84 79 79 Phone (H/B) 94 84 79 79 Phone (H/B) 94 84 79 79 Mobile 0422 408 066 Fax 9484 5559 Date 04/10/02 OWNERS DETAILS OWNERS DETAILS CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS RD PENNANT HILLS NSW 2120 Postal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS RD PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 1715 As the owner After Edit Down of the Back of cary out inspections Signature of Owners Signature of Owners Signature of Owners Signature of Owners CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS RD PENNANT HILLS NSW 1715 As the owner After Edit Down of the Back of cary out inspections Signature of Owners Signature of Owners S	Postal Address CAROLINE CHISHOLM CE VIKE BDG 2/423 PENNANT HILLS RD PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 1715 Engnature of Applicant Contact Numbers Phone (H/B) 94 84 79 79 Mobile 0422 408 066 Fax 9484 5559 Date 04/10/08 OWNERS DETAILS OWNERS DETAILS CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS RD Postal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS RD PENNANT HILLS NSW 2120 Postal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS RD PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 1715 As the owner of the failed of wildfill fill Bolication relates 1 consent to this application 1 also give control of the failed of wildfill fill Bolication relates 1 consent to this application 1 also give control of the failed of wildfill fill Bolication relates 1 consent to this application 1 also give control of the failed of wildfill fill Bolication relates 1 consent to this application 1 also give control of the failed of wildfill fill Bolication relates 1 consent to this application 1 also give control of the failed of wildfill fill Bolication relates 1 consent to this application 1 also give control of the failed of wildfill fill Bolication relates 1 consent to this application 1 also give control of the failed of wildfill fill Bolication relates 1 consent to this application 1 also give control of the failed of wildfill fill Bolication carry out inspections Signature of Owners Signature of Owners Signature of Owners Date Mobile Differ to enterthe land to carry out inspections Signature of Owners Market Church Actor Church Actor Ste of BROACH Actor Date	Postal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 1715 Signature of Applicant Condition Memory Date Date Date Date Date Contact Numbers Phone (H/B) 948479787 Date 04/10/02 Date 04/10/02 Device of BACKED BAY Name TRUSTET OF CATHOLIC CHURCH Discrete of BACKED BAY Postal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 1715 As the owner of the failed to Willed Integration relates I consent to this application I also give contact Willing Trust As the owner of the failed to Willed Integration relates I consent to this application I also give contact Willing Trust As the owner of the failed to Willed Integration relates I consent to this application I also give contact Willing Trust Wilcal Science to entertime land to carry out inspections Signature of Orders Market of Catholic Church - Dickett of BACKEN A Wilcal Science to entertime land to carry out inspections Signature of Owners Market of Catholic Church - Dickett of BACKEN A Wilcal Science to entertime land to carry out inspections Signature of Owners were owner must sign If the owner is a company the form must be used by authonsed director and the common seal must be stamped on this application If more than one owner every owner must sign If the owner is a company the form must be used by authonsed information from the purchaser's Solicitor in the purchaser's S	Name/Com	· · · · · · · · · · · · · · · · · · ·	<u> </u>	Co	ontact Pers	on
CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS RD PENNANT HILLS NSW 2120 PO BOX 967 PHONE. 9847 0000 Signature of Applicant (John MENDAY PHONE. 9847 0000 Signature of Applicant (John MENDAY Date 04/10/08 OWNERS DETAILS (John MENDAY SENTRE FACELERS OWNERS DETAILS (John MENDAY SENTRE FACELERS As the owner of the HIDDE SENTRE INSUE 2120 PO BOX 967 PENNANT HILLS NSW 1715 Fax (Q2) 9847 000/ As the owner of the HIDDE SENT HIDDE SENT TO THE INFORMATION OF TH	CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS RD PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 1715 Signature of Applicanti Caroline Charlowide PHONE 9847 0000 Signature of Applicanti Caroline Charlowide Common American Common Charlowide Contact Numbers Phone (H/B) 94 94 79 79 Mobile 0422 408 066 Fax 9484 5559 Date 04/10/02 OWNERS DETAILS Name 7RUSTES OF CATHOLIC CHURCH Director of Broken Bay Postal Address Caroline Chisholm CENTRE BDG 2/423 PENNANT HILLS NSW 1715 Fax (22) 9847 0836 PENNANT HILLS NSW 1715 As the owner of the failed of wildfilling Dilication relates 1 consent to this application 1 also give control of the failed of wildfilling Dilication relates 1 consent to this application 1 also give control of the failed of wildfilling Dilication relates 1 consent to this application 1 also give control of the failed of wildfilling Dilication relates 1 consent to this application 1 also give control of the failed of wildfilling Dilication relates 1 consent to this application 1 also give control of the failed of the failed of the failed of carry out inspections Signature of Owners VILE L General TRUSTEE of Carpolic Church - Dicceste of Broaden Arts	CAROLINE CHISHOLM CENTRE BDG 2423 PENNANT HILLS RD PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 1715 Signature of Applicant (John MeN/May Date 04/22 408 066 Fax 9484 5559 Date 04/16/08 OWNERS DETAILS (Device F BROKENBAY) Name 7RUSTEF OF CATHOLIC CHURCH Device F BROKENBAY Name 7RUSTEF OF CATHOLIC CHURCH Device F BROKENBAY Postal Address CAROLINE CHISHOLM CENTRE BDG 2423 PENNANT HILLS RD PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 1715 As the owner divisit in 990 Dication relates I consent to this application I also give content in the purchased in the owner is a company the form must be inted by VICAL Second Cary out inspections Signature of Owners (REVT 8) Date 100 WINER IN CHICK (HIM OWNER 100 CARD CONTENTS Signature of Owners (REVT 8) VICAL Second Cary out inspections Signature of Owners the land to cary out inspections Signature of Owners (REVT 8) Mome (HIM) Date 100 WINER IN 115 Signature of Owners (REVT 8) Marked Cargo C	$\underline{020}$		EN BAY			
BDG 2/423 FENNANT HILLS NSW 2120 Mobile 0422 408 066 PENNANT HILLS NSW 1715 Fax 9484 5559 PHONE 9847 0000 Jonni MENDAY Date Signature of Applicant Jonni MENDAY Date OWNERS DETAILS Developer of Backer Bay O4/10/02 Name TRUSTETS OF BACKER Bay Developer of Backer Bay Officer of Backer Bay Name TRUSTETS OF BACKER Bay Developer of Backer Bay Tony MeNany (Officer of Backer Bay) Name TRUSTETS OF BACKER Bay Developer of Backer Bay Tony MeNany (Officer of Backer Bay) Name TRUSTETS OF BACKER Bay Developer of Backer Bay Tony MeNany (Officer of Backer Bay) Postal Address Contact Numbers Phone (H/B) (D) (Q) (9847 08 36 Postal Address Contact Numbers Phone (H/B) (D) (Q) (9847 08 36 PENNANT HILLS NSW 1715 Fax (Q) 9847 000 / Mobile 04/7 489 787 As the owner of the land to winger finder backer bay Fax (Q) 9847 000 / Mobile 04/7 489 787 Signature of Owners Rev T B Date Date Mower (He land to carry out inspections Scient to this application 1 also give construction for the land to carry out inspections Scient to this application and to carry out inspections </td <td>PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 1715 Signature of Applicant (John MenDay) Date O422 408 066 Fax $9484 5559$ Developed and MenDay O4/10/08 OWNERS DETAILS OWNERS DETAILS Dzocese ex Broken Bay Postal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS RD PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 1715 As the owner of the Hold Of Winter Interesting authonsed Council Officer to enter the landto carry out inspections Signature of Owners Signature of Owners</td> <td>PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 1715 Signature of Applicant Divertifies and the common seal must be stamped on this application Phone 9847 0000 Signature of Applicant Divertifies and the common seal must be stamped on this application Phone (H/B) Divertifies application from the purchaser's Soluctor from the purchaser is a company the form the purchaser's Soluctor from the purchaser is a company the from the purchaser's Solu</td> <td>Postal Add</td> <td>CAROLINE C</td> <td></td> <td></td> <td></td> <td>1bers Qu 81.79 79</td>	PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 1715 Signature of Applicant (John MenDay) Date O422 408 066 Fax $9484 5559$ Developed and MenDay O4/10/08 OWNERS DETAILS OWNERS DETAILS Dzocese ex Broken Bay Postal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS RD PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 1715 As the owner of the Hold Of Winter Interesting authonsed Council Officer to enter the landto carry out inspections Signature of Owners Signature of Owners	PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 1715 Signature of Applicant Divertifies and the common seal must be stamped on this application Phone 9847 0000 Signature of Applicant Divertifies and the common seal must be stamped on this application Phone (H/B) Divertifies application from the purchaser's Soluctor from the purchaser is a company the form the purchaser's Soluctor from the purchaser is a company the from the purchaser's Solu	Postal Add	CAROLINE C				1bers Qu 81.79 79
PO BOX 967IntoblicIntoblicIntoblicPENNANT HILLS NSW 1715Fax 94845559 Signature of ApplicantJoint MENDAYDateSignature of ApplicantJoint MENDAYDateOWNERS DETAILSDecesse are backed bayName TRUSTER of CATHOLEC CHURCHIf Company, contact personDecesse are backed bayTothi MENDAYName TRUSTER of BACKED bayPostal AddressContact NumbersPostal AddressContact NumbersPhone (H/B)(D)(2)98470836Postal AddressContact NumbersPhone (H/B)(D)(2)98470836Postal AddressContact NumbersPhone (H/B)(D)(2)98470836As the owner of the land to winker the land to carry out inspectionsPake 489 787Signature of OwnersREVIS BDateSignature of OwnersAs the owner of the land to winker the land to carry out inspectionsDateSignature of OwnersREVIS BDateSignature of Owners	$\begin{array}{c cccc} & P & O & BOX 967 \\ \hline PENNANT HELLS NSW 1715 \\ \hline PENNANT HELLS NSW 1715 \\ \hline PENNANT HELLS NSW 1715 \\ \hline Signature of Applicant \\ \hline Down Mexima fraction for the second fraction fraction for the second fraction fo$	PO BOX 967MUDDlifePARC 100PERNAANT HILLS NSW 1715Fax $94,84,5559$ Signature of ApplicantJoint MENDAY SENSE FACKEDSAYDate 04/10/02OWNERS DETAILSDevelopent for an of a point of applicant SENSE FACKEDSAYDate 04/10/02OWNERS DETAILSDevelopent for an of a point of applicant SENSE FACKEDSAYDate 04/10/02OWNERS DETAILSDevelopent for an of a point of a				Pn	one (H/B)	
Signature of Applicant John MENDAY SENTER FACTLETES Date 04/10/02 OWNERS DETAILS DEVELOPENTE BACKENBAY Name TRUSTEES OF CATHOLIC CHURCH If Company, contact person SENTER BACKEN BAY DEOCESE OF BROKEN BAY Postal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS RD PENNANT HILLS NSW 2120 P O BOX 967 PENNANT HILLS NSW 1715 As the owner of the failed to willoff this application relates I consent to this application I also give control of the failed to willoff this application relates I consent to this application I also give control of the failed to willoff this application relates I consent to this application I also give control of the failed to carry out inspections Signature of Owners REVIEW REVIEW OF TRE HANNEN REVIEW REVIEW OF TREVENTION OF	Signature of Applicant Signature of Applicant (2000 - 20000 - 20000 - 2000 - 200	Signature of Applicant (2011 MENDAY) Signature of Applicant (2011 MENDAY) SENTER ACCENTER DECERCE BROKENBAY) Name TRUSTEER OF CATHOLIC (HURCH If Company, contact person DECERCE OF BROKENBAY) Name TRUSTEER OF CATHOLIC (HURCH IF Company, contact person DECERCE OF BROKENBAY) Name TRUSTEER OF CATHOLIC (HURCH IF Company, contact person DECERCE OF BROKENBAY Postal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS RD PENNANT HILLS NSW 2120 P O BOX 967 PENNANT HILLS NSW 1715 As the owner of the lattic to winder this application relates I consent to this application I also give company ULCAL Server (MEVIT & DECERTE Landto carry out inspections Signature of Owners Signature of Owners MENDAL CHIEF (HURCH - DICESSE OF BROKEN AND ULCAL Server and the common seal must be stamped on this application If more than one owner every owner must sign If the owner is a company the form must be braced by authonsed director and the common seal must be stamped on this application If the property has been recently purchased written confirmation from the purchaser's Solicitor in the purchaser's Sol		P O BOX 967		Mc	bile	43 177
Signature of Applicant (John MeNDAY SENTER FACTLETZES Date 04/10/08 OWNERS DETAILS (Developed Broked Bay) Name TRUSTETC OF ATHOLIC CHURCH If Company, contact person SENTER DEOCEST OF BROKED BAY Postal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS RD PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 1715 As the owner of the failed to while the septication relates 1 consent to this application 1 also give continue to the septication 1 also give continue to the septication to the septication 1 also give continue to the septication 1 also give continue to the septication for the failed to while for the failed to carry out inspections for the failed to while for the failed to carry out inspections for the septication for the septication for the failed to carry out inspections for the failed to while for the failed to carry out inspections for the failed to while for the failed to carry out inspections for the failed to while for the failed to carry out inspections for the failed to carry o	Signature of Applicant John MeNDAY Strice FACILITIES Date 04/10/08 OWNERS DETAILS DEVELTE BROKENBAY) Name TRUSTET OF CATHOLIC CHURCH If Company, contact person Service Face DEOCESTE OF BROKEN BAY Postal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS RD PENNANT HILLS NSW 2120 P O BOX 967 PENNANT HILLS NSW 1715 As the owner of the failed of wintoff this application relates 1 consent to this application 1 also give content for the failed of wintoff this application relates 1 consent to this application 1 also give content for the failed of wintoff this application relates 1 consent to this application 1 also give content for the failed of wintoff this application relates 1 consent to this application 1 also give content for the failed of wintoff this application relates 1 consent to this application 1 also give content for the failed of wintoff this application relates 1 consent to this application 1 also give content for the failed of wintoff this application sections Signature of Owners (REV T B) Date 28 lis 200 (REV T B) VILLE Secondate TRUSTEE OF CHURCH - DIOCESE of BROKEN AND CONTENTS	Signature of Applicant (John / MENDAY SENTER FACTLETES Date OWNERS DETAILS Name TRUSTET OF CATHOLIC (HURCH DEOCEFF OF BROKENBAY) Name TRUSTET OF CATHOLIC (HURCH DEOCEFF OF BROKENBAY Postal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS RD PENNANT HILLS NSW 2120 P O BOX 967 PENNANT HILLS NSW 2120 P O BOX 967 PENNANT HILLS NSW 1715 As the owner of the latid to which this application relates I consent to this application I also give control to the latid to which this application relates I consent to this application I also give control to the latid to which this application relates I consent to this application I also give control to the latid to which this application relates I consent to this application I also give control to the latid to which this application relates I consent to this application I also give control to the latid to which this application relates I consent to this application I also give control to the latid to which the latid to carry out inspections Signature of Owners Michael General TRUSTEE of Campel Campel Caucit - DIOCESTE of BROKEN AN UICAL General TRUSTEE of Campel Caucit - DIOCESTE of BROKEN AN UICAL General TRUSTEE of Campel Caucit - DIOCESTE of BROKEN AN UICAL General TRUSTEE of Campel Caucit - DIOCESTE of BROKEN AN UICAL General TRUSTEE of Campel Caucit - DIOCESTE of BROKEN AN UICAL General TRUSTEE of Campel Caucit - DIOCESTE of BROKEN AN UICAL General TRUSTEE of Campel Caucit - DIOCESTE of BROKEN AN UICAL General TRUSTEE of Campel Caucit - DIOCESTE of BROKEN AN UICAL General the common seal must be stamped on this application If the property has been recently purchased written confirmation from the purchaser's Solicitor in the pu	Â			Fa	х	9484 5559
OWNERS DETAILS Droctic of BROAD BAY Name TRUSTETS OF CATHOLIC CHURCH DIOCEST OF BROAD BAY If Company, contact person To AN MENDAN OFFICE DO AN MENDAN OFFICE DO AN MENDAN OFFICE COntact Numbers Postal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS RD PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 1715 Phone (H/B) (D) (Q) 9847 08.36 Mobile 04/7 489 787 Fax (Q) 9847 000/ As the owner of the land to while this application relates I consent to this application I also give continue for authonsed Council Officer to enterthe land to carry out inspections I consent to this application I also give continue for authonsed Council Officer to enterthe land to carry out inspections Signature of Owners REVIS B HAWACH Date	OWNERS DETAILS Developed Backer Back	OWNERS DETAILS Decelf of BROKENBAY Name TRUSTEES of CATHOLIC CHURCH DECEST of BROKEN BAY If Company, contact person Toth MENDAN (OFFICER) Postal Address Toth MENDAN (OFFICER) CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS RD PENNANT HILLS NSW 2120 P O BOX 967 PENNANT HILLS NSW 1715 Phone (H/B)(D) (Q) 9847 (O836) As the owner of the land to carry out inspections Fax (Q) 9847 (O00) Signature of Owners REVIEW TB Michael Officer to enter the land to carry out inspections Date Signature of Owners REVIEW TB Michael Officer to enter the land to carry out inspections Date Michael Officer to enter the land to carry out inspections 28 (IIS) 1-000 (III) Signature of Owners REVIEW TB Date Michael Officer to enter the land to carry out inspections 28 (IIS) 1-000 (III) Signature of Owners REVIEW TB Date Michael Officer to enter the land to carry out inspections 28 (IIS) 1-000 (IIII) Signature of Owners REVIEW TB Date Michael Officer to enter the land to carry out inspections 28 (IIIII) 1-000 (IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Signature o	f Applicant	JOHN MENDA	ソ Da	te	4.1.
Name TRUSTETS OF CATHOLIC CHURCH DEOCEST OF BROKEN BAY Postal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS RD PENNANT HILLS NSW 2120 P O BOX 967 PENNANT HILLS NSW 1715 As the owner of the land to which this application relates I consent to this application I also give control officer to enter the land to carry out inspections Signature of Owners Signature of Owners Mana (REVIS) Date Dat	Name TRUSTET OF CATHOLIC CHURCH If Company, contact person DIOCEST OF BROKEN BAY Postal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS RD PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 1715 As the owner of the failed to which this application relates I consent to this application I also give control of the failed to which the land to carry out inspections Signature of Owners Signature of Owners Name (HUB) DE Sevenau REVISE Date Date Date Date Date Date Date Date Date Date Date Date DATE D	Name TRUSTER OF CATHOLIC CHURCH Digodesife of Broken Bay Postal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS RD PENNANT HILLS NSW 2120 P O BOX 967 PENNANT HILLS NSW 1715 As the owner of the failed to which this application relates 1 consent to this application 1 also give control of the failed to which this application relates 1 consent to this application 1 also give control of the failed to which this application relates 1 consent to this application 1 also give control of the failed to which this application relates 1 consent to this application 1 also give control of the failed to which this application relates 1 consent to this application 1 also give control of the failed to which this application relates 1 consent to this application 1 also give control of the failed to which this application relates 1 consent to this application 1 also give control of the failed to which this application application 1 also give control of the failed to which this application to the failed to which the failed to carry out inspections Signature of Owners Nick L Server at the common seal must be stamped on this application If the property has been recently purchased whitten confirmation from the purchaser's Solicitor here to purchased whitten confirmation from the purchaser's Solicitor here to purchased whitten confirmation from the purchaser's Solicitor here to purchased whitten confirmation from the purchaser's Solicitor here to purchased whitten confirmation from the purchaser's Solicitor here to purchase the purchase the purchaser's solicitor here to purchase the purchase		the hand		1	<u>}/</u>	//0/01
DEOCESE OF BROKEN BAY Postal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS RD PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 1715 As the owner of the land to winker this application relates 1 consent to this application 1 also give construction 1 a	DEOCESE OF BROKEN BAY Postal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS RD PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 1715 As the owner of the land to which this application relates I consent to this application I also give control of the land to carry out inspections Signature of Owners Signature of Owners Nucleal Service Church - DIOCESE of BROKEN AND VILEAL SERVICE CHURCH - DIOCESE of BROKEN AND COMMON	DEOCESTE OF BROKEN BAY Postal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS RD PENNANT HILLS NSW 2120 P O BOX 967 PENNANT HILLS NSW 1715 As the owner of the land to which this application relates 1 consent to this application 1 also give control of the land to carry out inspections Signature of Owners Signature of Owners Signature of Owners Maximum (REVTB) Date Maximum (REVTB) Date Maximum (REVTB) Date Maximum (REVTB) Date Maximum (REVTB) Date Maximum (REVTB) Date Maximum (REVTB) Date Maximum (REVTB) Maximum (REVTB) Date Maximum (REVTB) Maximum (REVTB) Maximum (REVTB) Maximum (REVTB) Maximum (REVTB) Date Maximum (REVTB) Date Maximum (REVTB) Date Maximum (REVTB) Date Maximum (REVTB) Maximum (REVTB) Maximum (REVTB) Maximum (REVTB) Maximum (REVTB) Maximum (REVTB) Maximum (REVTB) Maximum (REVTB) Date Maximum (REVTB) Maximum (REVTB) Date Maximum (REVTB) Maximum (REVTB) Maximum (REVTB) Maximum (REVTB) Maximum (REVTB) Maximum (REVTB) Maximum (REVTB) Maximum (REVTB) Maximum (REVTB) Date Maximum (REVTB) Maximum (R			J	-	,	
Postal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS RD PENNANT HILLS NSW 2120 P O BOX 967 PENNANT HILLS NSW 1715 As the owner of the land to winker this application relates 1 consent to this application 1 also give construction	Postal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS RD PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 1715 As the owner of the land to which this application relates I consent to this application I also give control of the land to carry out inspections Signature of Owners Nical Senenal TRUSTEE of Compact Church - DIOCESE of BROKEN AND	Postal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS RD PENNANT HILLS NSW 2120 P O BOX 967 PENNANT HILLS NSW 1715 As the owner of the land to which this application relates I consent to this application I also give control (4/7) HONE 987,000 As the owner of the land to which this application relates I consent to this application I also give control (4/7) HONE 987,000 As the owner of the land to which this application relates I consent to this application I also give control (4/7) HONE 987,000 HONE 987,000 HONE 987,000 HONE 987,000 HONE 987,000 HONE 987,000 HONE 987,000 HONE 984,7 000 Signature of Owners Signature of Owners HAWNON VICAL Series CHUCH - DZOCESE & BROKEN If more than one owner every owner must sign If the owner is a company the form must be baned by authonsed director and the common seal must be stamped on this application If the property has been recently purchased written confirmation from the purchaser's Solicitor in the portion of the purchaser's Solicitor in the	Name TRUSTEES OF CATHOLIC CHURCH If Company, contact person SENICR FAR					
Postal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS RD PENNANT HILLS NSW 2120 P O BOX 967 PENNANT HILLS NSW 1715 As the owner of the land to winker this application relates 1 consent to this application 1 also give construction	Postal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS RD PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 1715 As the owner of the land to which this application relates I consent to this application I also give control of the land to carry out inspections Signature of Owners Signature of Owners VILAL General REVIB Date VILAL General RUSTEE of Campulat Church - DIOCESE of BROKEN AND	Postal Address CAROLINE CHISHOLM CENTRE BDG 2/423 PENNANT HILLS RD PENNANT HILLS NSW 2120 P O BOX 967 PENNANT HILLS NSW 1715 As the owner of the land to which this application relates I consent to this application I also give control (4/7) HONE 987,000 As the owner of the land to which this application relates I consent to this application I also give control (4/7) HONE 987,000 As the owner of the land to which this application relates I consent to this application I also give control (4/7) HONE 987,000 HONE 987,000 HONE 987,000 HONE 987,000 HONE 987,000 HONE 987,000 HONE 987,000 HONE 984,7 000 Signature of Owners Signature of Owners HAWNON VICAL Series CHUCH - DZOCESE & BROKEN If more than one owner every owner must sign If the owner is a company the form must be baned by authonsed director and the common seal must be stamped on this application If the property has been recently purchased written confirmation from the purchaser's Solicitor in the portion of the purchaser's Solicitor in the			ROKEN BAY		Jo,	4N MENSAYL OFFICE
PENNANT HILLS RD PENNANT HILLS NSW 2120 P O BOX 967 PENNANT HILLS NSW 1715 As the owner of the land to which this application relates I consent to this application I also give control which this application relates I consent to this application I also give control which the land to carry out inspections Signature of Owners Signature of Owners Mobile 04/7 489 787 Fax (2) 9847 000/ Fax (2) 9847 000/ Fax (2) 9847 000/ Date Hawkon Date	PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 2120 PO BOX 967 PENNANT HILLS NSW 1715 As the owner of the land to which this application relates I consent to this application I also give control of the land to which this application relates I consent to this application I also give control of the land to which this application relates I consent to this application I also give control of the land to which the land to carry out inspections Signature of Owners Vical General TRUSTEE of Campulat Church - DIOCESE of BROKEN A	$\begin{array}{c} \text{PENNANT HILLS ND} \\ \text{PENNANT HILLS NSW 2120} \\ \text{PO BOX 967} \\ \text{PENNANT HILLS NSW 1715} \\ \text{As the owner of the land to which this application relates I consent to this application I also give converted by the land to carry out inspections \\ \text{Signature of Owners} \\ \text{Signature of Owners} \\ \text{Ville L} \\ \text{Fersenatice} \\ \text{TRUSTEE} \\ \text{of Campute Converts} \\ If more than one owner every owner must sign If the owner is a company the form must be sened by authonsed director and the common seal must be stamped on this application I form the purchaser's Solicitor house paired of the property has been recently purchased written confirmation from the purchaser's Solicitor house paired of the property has been recently purchased written confirmation from the purchaser's Solicitor house paired of the property has been recently purchased written confirmation from the purchaser's Solicitor house paired of the property has been recently purchased written confirmation from the purchaser's Solicitor house paired of the property has been recently purchased written confirmation from the purchaser's Solicitor house paired of the property has been recently purchased written confirmation from the purchaser's Solicitor house paired of the property has been recently purchased written confirmation from the purchaser's Solicitor house paired of the property has been recently purchased written confirmation from the purchaser's Solicitor house paired of the property has been recently purchased written confirmation from the purchaser's Solicitor house paired of the property has been recently purchased written confirmation from the purchaser's Solicitor house paired of the property has been recently purchased written confirmation from the purchaser's Solicitor house paired of the property has been recently purchased written confirmation from the purchaser's Solicitor house paired of the property has been recently purchased written confirmation from the purchaser's Solicitor house paired of the property has been recently purc$	Postal Addi		E CHISHOI M CENTE			10ers
PO BOX 967 PENNANT HILLS NSW 1715 As the owner of the land to which this application relates I consent to this application I also give control which this application relates I consent to this application I also give control which the land to carry out inspections authonsed Council Officer to enter the land to carry out inspections Signature of Owners Markon (REV T B) Date Hawkon 28 1 m 10 m	PO BOX 967 PENNANT HILLS NSW 1715 As the owner of the failed to withich this application relates I consent to this application I also give control of the failed to withich this application relates I consent to this application I also give control of the failed to carry out inspections Signature of Owners Signature of Owners VICAL Series Church - DIOCESE of BROKEN AND COMMON	PO BOX 967 PENNANT HILLS NSW 1715 As the owner of the land to which this application relates I consent to this application I also give conversion authonsed Council Officer to enter the land to carry out inspections Signature of Owners Nick L Service Chuck H - DIOKESE & BROWN If more than one owner every owner must sign If the owner is a company the form must be served by authonsed director and the common seal must be stamped on this application If the property has been recently purchased written confirmation from the purchaser's Solicitor in the pointed		BDG 2/423	PENNANT HILLS RI		one (H/B)	1.78 717
PENNANT HILLS NSW 1715 Fax (2) 7847 000 As the owner of the land to which this application relates I consent to this application I also give control of the land to carry out inspections authonsed Council Officer to enter the land to carry out inspections Signature of Owners (REV TB) Date Hawkon 28 1 1 2 20	PENNANT HILLS NSW 1715 As the owner of the land to which this application relates I consent to this application I also give converting to the land to carry out inspections authonsed Council Officer to enter the land to carry out inspections Signature of Owners VICAL Service at TRUSTEE of Campalic Church - DIOXESE of BROKEN AND	PENNANT HILLS NSW 1715 Fax (2) 7847 000 As the owner of the land to which this application relates I consent to this application I also give contraction authonsed Council Officer to enter the land to carry out inspections Signature of Owners VILAL Service CHURCH - DIOCESE & BROKEN If more than one owner every owner must sign If the owner is a company the form must be served by authonsed director and the common seal must be stamped on this application If the property has been recently purchased written confirmation from the purchaser's Solicitor how the pointed				Mo		
authonsed Council Officer to enter the land to carry out inspections Signature of Owners REV J B Date How Work Signature of Owners REV J B Date Signature of Owners REV J B Date Signature of Owners Signature o	authonsed Church Officer to enter the land to carry out inspections Signature of Owners (REVIB) Date Januar (HANMON) 25/10/2008 VILBL SENERAL TRUSTEE OF CATHOLEC CHURCH - DIOCESE OF BROKEN AND COMMON	authonsed Council Officer to enter the land to carry out inspections Signature of Owners If more than one owner every owner must sign if the owner is a company the form must be sined by authonsed director and the common seal must be stamped on this application If the property has been recently purchased written confirmation from the purchaser's Solicitor have be provided		PENNANT	HILLS NSW 1715	1		
Stannon (Handon) 28/11/2 200	VILAL GENERAL TRUSTEE OF CATHOLES CHURCH - DIOCESE OF BROKEN AND	WILKL SCHARL TRUSTEE OF CAMPOLE CHURCH - DZOCESE & BROKEN AND If more than one owner every owner must sign if the owner is a company the form must be somed by authorsed director and the common seal must be stamped on this application If the property has been recently purchased written confirmation from the purchaser's Solicitor in the provided						FAL
VILAL GONORAL	If more than and aways aways away with a surrow a company the form much hall be and he	If more than one owner every owner must sign if the owner is a company the form must be staned by authorsed director and the common seal must be stamped on this application If the property has been recently purchased written confirmation from the purchaser's Solicitor how the provided		Sym	vor (HANNON)	20	110/2000 All All
authonsed director and the common seal must be stamped on this application								owner is to sign the application
authonsed director and the common seal must be stamped on this application If the property has been recently purchased written confirmation from the purchaser's Solicitor how be provided If the contracts have been exchanged for the purchase of the land, the current owner is to sign the application	f the contracts have been exchanged for the purchase of the land, the current owner is to sign the application	A THE TAR A THE TAR A TRACTED IN THE TAR THE TAR STAR STRUGGERAL	Junil L	with	BROKEN BAY/		12	(TRUGTE - STORESE of DRORE

SIGN

DEVELOP	IENT DETAIL	6
Type of We	ork 🗹	Building Work
	OR	
		Subdivision Work
Description	n of proposal –	(Provide brief, concise details)
		Security Fence

WHO WILL BE DOING THE BUILDING WORKS?

t

Owner Builder	
Owner Builders Permit No	
Copy of Owner Builders permit	Yes
attached	No – to be provided with Notice of
	Commencement Form

If you are an Owner-Builder for the residential building work exceeding \$5000 you must apply for a permit at NSW Office of Fair Trading, 1 Fitzwilliam Street, Parramatta NSW 2150 Australia Tel 61 2 98950111 Fax 61 2 9895 0222

OR

	<u> </u>
Licensed Builder Builder's License Number	7161 CONTRACT Lic No.
Name of Builder FONGAL FADRICATIONS	Phone 9484 - 7979
	Mobile 0422-408-066
Contact person Victor NAILOR	Fax 9484-5559
Address UNIT 31 2-4 COMROL - IltoRNLEINH	_ Pre
	Irance Certificate attached
	⁷ Yes
VERO	No – to be provided with Notification of Commencement form
If you are using a licensed builder for residential	building work exceeding \$12,000 you must obtain

Home Building Act Insurance A certificate of insurance must be provided with this application or submitted with the Notification of Commencement form

VALUE OF PROPOSED DEVELOPMENT

Value of Works	\$)00,000
----------------	----	---------

ı.

(including full cost of labour and materials)

DO YOU NEED TO PAY THE BUILDING INDUSTRY LONG SERVICE LEVY?

🗹 Yes

🛛 No

Only required if the development involves building works exceeding \$25,000 00

OFFICE USE ONLY

Fee Туре	Cashier's Code	Fee Amount
Construction Certificate Application Fee	TCER	5 40 70
Modification of Construction Certificate Fee	TCER	
Long Service Levy Fee	QLSL	\$ 350
Driveway/Street Levels	ESTR	
Sec 94 Contributions		
Bonds/Guarantees		
Other Fees		
TOTAL		\$1490 70
Date of Receipt /7 - 12 -08	Receipt No 252141	Accepted By
New Application Number issued (not require	d for modification of CC)	cc <u>072110</u> 8

PRIVACY AND PERSONAL INFORMATION PROTECTION NOTICE

Purpose of collection	To enable Council to assess your proposal
Intended recipients Council Staff/Consultants and any other relevant government agency t may be required to assess the proposal	
Supply	The information is required by legislation
Consequence of Non-provision	Your application may not be accepted not processed or rejected for lack of information
Storage	Pittwater Council will store details of the application and any subsequent decision in a register that can be viewed by the public
Retention period	Hard copies of the application will be destroyed after 7 years and electronic records will be kept indefinitely
Please contact Cou	incil if this information you have provided is incorrect or changes

STATISTICAL RETURN FOR AUSTRALIAN BUREAU OF STATISTICS

Ł

What is the area of the la	nd?	Area in square metres	NA
Gross floor area of existing	ng building?	Area in square metres	NA
If no existing building write	*"NIL"		
	Iding or site used for at	Main uses Education	<u>م</u>
present?		Other uses	ŧ
Does the site contain a de	ual occupancy?	C Yes	No No
Gross floor area of propo	osed building?	Proposed floor area in squa	are metres $\sqrt{r_3}$
What will the proposed b	uilding to be used for?	Main uses Diviolwor	Fewer
	-	Other uses	
How many dwellings			
Are pre-existing at this prop	perty?	Dwellings N	
Are proposed to be demole	shed?	Dwellings 🔨	}
Are proposed to be constru	icted?	Dwellings 📈	<u> </u>
How many storeys will build	ding consist of?	Storeys	10-
What are the main building	ng materials?		
Walls		Roof	
Full Brick		Aluminium	
Brick veneer		Concrete or slate	
Concrete, masonry		Tile	
Steel		Fibrous cement	
Fibrous cement		Steel	
Timber/weatherboard		Other	
Cladding-aluminium		Unknown	
Curtain glass			
Other			
Unknown		·····	
Floor		Frame	, , , , , , , , , , , , , , , , , , ,
Concrete		Timber	
Tımber		Steel	
Other		Other	0
Unknown		Unknown	

APPLICANTS CHECK LIST

Note This list is intended as a guide to the type of information to be submitted. Some items may not be required and Section B of the Conditions of Development Consent for the building works may specify further additional information required with submission of your Construction Certificate Application			
Application Form –		Owners Consent	
		Applicant's Signature	
		Long Service Levy	
		Driveway/Street levels Application	
Supporting			
Documentation –		Architectural Plans	
(3 copies of each)		Quick Check Plans endorsed by Sydney Water	
		Construction Specifications for Building Works	
		Structural Engineer's Plans	
		Structural/Geotechnical Certificates	
		Landscape Plans	
		Driveway Level Plans	
		On-site Stormwater Detention Plans	
		Drainage Plans on Site Storm Management	
		Erosion and Sediment Management Plan	
		Sydney Water Quick Check Plans	
		Subdivision Work Plans	
		Schedule of External Finishes/Colours	
		Fire Safety Measures Schedule	
		Form No 2 – "Geotechnical Risk Management Policy for Pittwater"	
		Details and location of fencing for Swimming Pool to comply with AS 1926-1986 "Fences and Gates for Private Swimming Pools"	
		Specifications for construction of buildings in Bushfire-prone areas	
		Security Deposit / Section 94 contributions	
		Building Code of Australia - Alternative solution report that has been peer reviewed by a separate suitably qualified person	

Development Application for		GEOTECHNICAL RISK MANAGEMENT POLICY FOR PITTWATER FORM NO 2 – To be submitted with detailed design for construction certificate	
Declaration made by Structural or Civil Engineer is mission to the incorporation of the Geotechnical Issues in the project design Image: the project design		Development Application for MATEN MATUA CATHOLIC COLLEGE	
Into the project design Image: Internet into the project design Image: Internet into the project desinternet intot the project desi		Address of sile FOREST ROAD, WARLIELSOOP	
(name) (rading or company name) on this the 10 (dig) certify that I am a Structural operative Engineer as defined by the Geotechnical Risk Management Policy for Pithwater 1 and bo carify that I have prepared the below listed structural documents in accordance with the recommendations given in the Geotechnical Report for the above development Geotechnical Report Details. Report Table: Comparison of the above development Geotechnical Report Details. Nuter: Loc Sector Details. Structural Documents Itst: D Loc Sector Details. Structural Documents Itst: D Loc Sector Details. We are: Loc Loc Sector Loc Sector Loc Sector Loc Sector Details. We are: Loc Loc Sector Details. We are: Loc Loc Sector Details. We are: Loc Loc Sector Loc Sector Loc Sector Details. We are: Loc Sector Details. Mean also aware final Pitwater Council relies on the processes covered by the Geotechnical Risk Management Policy Including lina certification as the basis for ensuing that the geotechnical Risk Management aspects of the proposed development Inve Been adequately addressed to achieve an Acceptable Risk Management I seel for the Rise of Deast and the sector Including and the geotechnical Risk Management Policy Including lina certification as the basove Biend stoutural documents prepared of the the add 2/1/10 Ke and			
Viete		(Insert name) (trading or company name)	
certify that I am a Structural content professional indemnity policy of at least \$2million I also certify that I have prepared the below listed structural documents in accordance with the recommendations given in the Geniechnical Report Dotalis Prepared the below listed structural documents in accordance with the recommendations given in the Geniechnical Report Dotalis I also certify that I have prepared the below listed structural documents in accordance with the recommendations given in the Geniechnical Report Dotalis Prepared The below listed structural documents in accordance with the recommendations given in the Geniechnical Report Dotalis I also certify that I have prepared the below listed structural to the structural Documents list Image: Interment State Image: Im			
Report Title: George Hannak Assess Hussent # 15 427 51 2pt Report Date 21 9 7 5 20 4 20 5 Author L.1. SPOEton Liet Structural Documents list: Image: Structural Documents list Declaration as the basis for ensuring that the geotechnical Risk Management Approach Me are than also aware that Pithwater Council relies on the processes covered by the Geotechnical Risk Management Approach We are than also aware that Pithwater Council relies on the processes covered by the Geotechnical Risk Management Approach Geota A (signature) Me are the set to observe an Acceptable Risk Management Policy Including this certification as the basis for ensuring that the geotechnical Risk Management Tevel for the life of the situcture taken as at least 100 years unless otherwise stated and testing in the set of the proposed and voltechnically verified the abovementioned Geotechnical Report appropriate taken Into account by the structural engineer in the processes covered by the Geotechnical Risk Management Policy Including this cordification as the basis for ensuring that the processes covered by the Geotechnical Risk Management Policy Including this cordification as the basis for ensuring that the geotechnical Report have been appropriate taken Into account by the structural engineer in the proposed do schlues an "Acceptable Risk Management Policy Including this cordification as the basis for ensuring that the geotechnical risk management Policy Including this cordification as the basis fore ensuring that the geotechnici risk Manageme		certify that I am a Structural or effect Engineer as defined by the Geotechnical Risk Management Policy for Pitiwater I am authorised by the above organization/company to issue this document and to certify that the organization/company has a current professional indemnity policy of at least \$2million I also certify that I have prepared the below listed structural documents in accordance with the recommendations given in the Geotechnical Report for the above development	
Author L.S. BREACH LEFT Structural Documents list:		Report Title: GEDTECHINICAE ASSESSMUST # 15427 SIZIOT	
Structural Documents list: Image: Ima		Report Date 24 PECLAMEDA 2006	
ID 14 -Soci A We are item also aware that Pittwater Council relies on the processes covered by the Geolechnical Risk Management Policy including this certification as the basis for ensuring that the geolechnical risk management spects of the proposed development have been adequately addressed to achieve an Acceptable Risk Management level for the life of the structure taken as at least 100 years unless otherwise stated and instituted of the structure taken as at least 100 years unless otherwise stated and instituted of the structure taken as at least 100 years unless otherwise stated and instituted of the structure taken as at least 100 years unless otherwise stated and instituted of the structure taken as at least 100 years unless otherwise stated and instituted of the structure taken as at least 100 years unless otherwise stated and instituted of the above fisted structural documents prepared for the same development. I we were statistical the encommentations given in the Geotechnical Report as per form 1 dated 21/12 We and now certify that thave viewed the above fisted structural documents prepared for the same development. I were were statistical taken into account to be the structural documents prepared for the same development. I were were statistical in the preparation of these structural documents prepared to the same development. I were were structural documents are best to result the structural exclusion is the basis for ensuring that the geolechnical risk management aspects of the proposed development have been adequately addressed to achieve an "Acceptable Risk Management" lovel for the life of the structure taken as at least 100 years unless otherwise state and justified. In the Report and that reasonable and professional engineer mereins the prepared to achieve an "Acceptable Risk Management" lovel for the life of the structure taken as at least 100 years unless otherwise stated and justified. In the Rep		Author L.S. SPEECHLET	
ID 14 -Soci A We are item also aware that Pittwater Council relies on the processes covered by the Geolechnical Risk Management Policy including this certification as the basis for ensuring that the geolechnical risk management spects of the proposed development have been adequately addressed to achieve an Acceptable Risk Management level for the life of the structure taken as at least 100 years unless otherwise stated and instituted of the structure taken as at least 100 years unless otherwise stated and instituted of the structure taken as at least 100 years unless otherwise stated and instituted of the structure taken as at least 100 years unless otherwise stated and instituted of the structure taken as at least 100 years unless otherwise stated and instituted of the structure taken as at least 100 years unless otherwise stated and instituted of the above fisted structural documents prepared for the same development. I we were statistical the encommentations given in the Geotechnical Report as per form 1 dated 21/12 We and now certify that thave viewed the above fisted structural documents prepared for the same development. I were were statistical taken into account to be the structural documents prepared for the same development. I were were statistical in the preparation of these structural documents prepared to the same development. I were were structural documents are best to result the structural exclusion is the basis for ensuring that the geolechnical risk management aspects of the proposed development have been adequately addressed to achieve an "Acceptable Risk Management" lovel for the life of the structure taken as at least 100 years unless otherwise state and justified. In the Report and that reasonable and professional engineer mereins the prepared to achieve an "Acceptable Risk Management" lovel for the life of the structure taken as at least 100 years unless otherwise stated and justified. In the Rep		At a strengt Par strengt in Hade	
We are tam also aware that Pitwater Council relies on the processes covered by the Geolechnical Risk Management Policy including this certification as the basis for ensuring that the geolechnical risk management aspects of the proposed development have been adequately addressed to acceptable Risk Management level for the file of the structure taken as at least 100 years unless otherwise stated and hotterd. (signature) Declaration made by Geotechnical Engineer or Engineering Geologist in relation to Structural Drawings We reprepared andiorifectulcally verified the above instead structural documents prepared for the same development. Law We are statisfied that the recommendations given in the Geotechnical Report as per Form 1 dated 21/12/16 and new certify that the recommendations given in the Geotechnical Report have been appropriate taken into account by the structural engineer in the proparation of these structural documents. Law We are statisfied that the recommendations given in the Geotechnical Report have been appropriate taken into account by the structural engineer in the proparation of these structural documents. Structural documents in the recommendations given in the Geotechnical Report have been appropriate taken into account by the structural engineer in the proparation of these structural documents. Structural documents is the astructural date structural documents is the astructural documents is the astructural documents is the structural is the structural date structure taken as at least 100 years unless otherwise stated and justified in the Report and that reasonable and the structure taken as at least 100 years unless otherwise stated and justified in the Report and that reasonable and processes covered by the Geotechnical Risk Management Policy including this certification as the basis for ensuring that the geotechnical risk management aspects of the proposed development have been adequately addressed to active an "Acceptable Risk Management for the life of the structure taken as at least 100	ł		
We are tam also aware that Pitwater Council relies on the processes covered by the Geolechnical Risk Management Policy including this certification as the basis for ensuring that the geolechnical risk management aspects of the proposed development have been adequately addressed to achieve an Acceptable Risk Management' level for the life of the structure taken as at least 100 years unless otherwise stated and leaster (name) Declaration made by Geotechnical Engineer or Engineering Geologist in relation to Structural Drawings We apprepared anxioof technically verified the above fisted structural documents prepared for the same development. Law We are statisfied that the recommendations given in the Geotechnical Report as per Form 1 dated 21/12/16 and now certify that thave viewed the above fisted structural documents prepared for the same development. Law We are statisfied that the recommendations given in the Geotechnical Report have been appropriate taken into account by the structurel engineer in the preparation of these structural documents we are that Pitwater Council relies on the processes covered by the Geotechnical Risk Management Policy including this cortification as the basis for ensuring that the geotechnical risk Management aspects of the proposed development have been addressed to achieve an "Acceptable Risk Management" level for the life of the structure laken as at least 100 years unless otherwise stated and justified in the Report and that reasonable and practical measures have been lidentified to reactly foreseeable risk. Name Chartered Professional Status.			
including this certification as the basis for ensuring that the geotechnical risk management aspects of the proposed development have been adequately addressed to achieve an Acceptable Risk Management' level for the life of the structure taken as at least 100 years unless otherwise stated and ustified in relation to Structural Drawings We we were that Professional Status. Signature Name Chartered Professional Status. (signature) Paul Stubbs MEAUSION			
Declaration made by Geotechnical Engineer or Engineering Geologist in relation to Structural Drawings We Apprepared anxioptiechnically verified the abovementioned Geotechnical Report as per Form 1 dated 21/12/WE and now certify that thave viewed the above listed structural documents prepared for the same development. Law We are satisfied that the recommendations given in the Geotechnical Report have been appropriate taken into account by the structural engineer in the preparation of these structural documents We are that Pritwater Council relies on the processes covered by the Geotechnical Risk Management Policy including this certification as the basis for ensuring that the geotechnical risk management aspects of the proposed development have been adequately addressed to achieve an "Acceptable Risk Management" isvel for the life of the structure taken as at least 100 years unless otherwise stated and justified in the Report and that reasonable and practical measures have been identified to remove foreseeable risk. Name Chartered Professional Status.	We are	including this certification as the basis for ensuring that the geotechnical risk management aspects of the proposed development have been adequately addressed to achieve an Acceptable Risk Management' level for the life of the	
Declaration made by Geotechnical Engineer or Engineering Geologist in relation to Structural Drawings We "Prepared anxionitechnically verified the abovementioned Geotechnical Report as per Form 1 dated 21/12 / 06 and now certify that the ave viewed the above listed structural documents prepared for the same development. Law We are satisfied that the recommendations given in the Geotechnical Report have been appropriate taken into account by the structural engineer in the preparation of these structural documents We are that Pritwater Council relies on the processes covered by the Geotechnical Risk Management Policy including this certification as the basis for ensuring that the geotechnical risk management aspects of the proposed development have been adequately addressed to achieve an "Acceptable Risk Management" level for the life of the structure taken as at least 100 years unless otherwise stated and justified in the Report and that reasonable and practical measures have been identified to remove foreseeable risk. Signature Name Chartered Professional Status.		Todo Halliday	
We Apprepared and/othechnically verified the above mentioned Geotechnical Report as per Form 1 dated 21/12/96 and now certify that the recommendations given in the Geotechnical Report have been appropriate taken into account by the structural engineer in the preparation of these structural documents we are that Pritwater Council rolles on the processes covered by the Geotechnical Risk Management Policy including this certification as the basis for ensuing that the geotechnical risk management aspects of the proposed development have been adequately addressed to achieve an "Acceptable Risk Management" fuel for the life of the structure taken as at teast 100 years unless otherwise stated and justified in the Report and that reasonable and practical measures have been identified to report foreseeable risk. Signature Chartered Professional Status.			
We Apprepared and/offechnically verified the above listed structural documents prepared for the same development. Law We are satisfied that the recommendations given in the Geotechnical Report have been appropriate taken into account by the structural engineer in the preparation of these structural documents we determine that Pribwater Council relies on the processes covered by the Geotechnical Risk Management Policy including this certification as the basis for ensuring that the geotechnical risk management aspects of the proposed development have been adequately addressed to achieve an "Acceptable Risk Management" level for the life of the structure taken as at least 100 years unless otherwise stated and justified in the Report and that reasonable and practical measures have been identified to remove foreseeable risk. Signature Name Chartered Professional Status.			
Name		Apprepared and/or jechnically verified the abovementioned Geotechnical Report as per Form 1 dated 2112,06 and now certify that Phave viewed the above listed structural documents prepared for the same development. Law We satisfied that the recommendations given in the Geotechnical Report have been appropriate taken into account by the structural engineer in the preparation of these structural documents. A same were that Provater Council relies on the processes covered by the Geotechnical Risk Management Policy including this certification as the basis for ensuing that the geotechnical risk management aspects of the proposed development have been adequately addressed to achieve an "Acceptable Risk Management" level for the life of the structure taken as at least 100 years unless otherwise stated and justified in the Report and that reasonable and	e ore
Chartered Professional Status			
		The Chartered Profe	essional Engineer

We

DE-FENCE

PAGE 01/03



FENCING FABRICATIONS PTY LTD UNIT B1 2 CENTRAL AVENUE THORNLEIGH NSW 2120

Dear Sir/Madam,

1. STATEMENT OF COVERAGE

The following policy of insurance covers the full amount of the employer's liability under the Workers Compensation Act 1987

This Certificate is valid from 4/8/2008 to 1/7/2009

The information provided in this Certificate of Currency is correct at 04/08/2008

	1		
WorkCover Indutry Classification Number (WIC)	Industry	Numbers of Workers*	Wages**
ACN/ARBN	068518696		
ABN	30068518696		
TRADING NAME	De Fence		
LEGAL NAME	FENCING FABRICATIONS PTY LTD		
POLICY NUMBER	20WOR0092180122		
2 EMPLOYERS INF	ORMATION		

* Total wages estimated for the current period

3, IMPORTANT INFORMATION

Principals relying on this certificate should ensure it is accompanied by a statement under section 175B of the Workers Compensation Act 1987 Principals should also check and satisfy themselves that the information is correct and ensure that the proper workers compensation insurance is in place, le compare the number of employees on site to the average number of employees estimated, ensure that the wages are reasonable to cover the labour component of the work being performed, and confirm that the description of the industry/industnes noted is appropriate

A principal contractor may become liable for an outstanding premium of the sub contractor if the principal has failed to obtain a statement or has accepted a statement where there was reason to believe it was false Yours Faithfully

hutt

LILY LIOTTA



CGU Workers Compensation (NSW) Ltd - Agent for the NSW WorkCover Scheme ABN 83 564 379 108/007 Phone 1300 666 506 Fax 02 9088 9709

Page 1 of 1

24/	11/2008 08 54 +61-294845559 DE-FENCE	PAGE 02/03
	Business Insurance Certificate of Currency	
	Issue Date 21 November 2007	
	FENCING FABRICATIONS PTY LTD 2 CENTRAL AVENUE THORNLEIGH NSW 2120	
	Issuer Vero Insurance Limited ABN 48 005 297 807	Policy Number SMX010550076
	Policyhoider FENCING FABRICATIONS PTY LTD TRADING AS DE FENCE	Policyholder FENCING FABRICATIONS PTY LTD
	Policyholder Address 2 Central Avenue Thornleigh NSW 2120	TRADING AS DE FENCE Period of Insurance 30 October 2007 to 30
	Nature of Business PROFESSIONAL OFFICES	October 2008 at 4 00pm
	The Business FENCING COORDINATION OFFICE - INCLUDING MEASURING & ORDERING	
	Interested Parties There are no Interested Parties noted	
	Policy Endorsament	
	Client is covered for manufacturing from 30/10/2006 & ceased Manufacturing fencing as of 01/12/2006 at 7 DAVIDS ROAD SOMERSBY 2250 for Fire Theft & Liability	
		Vero Enterprise is a division of Vero Insurance Limited ABN 48 005 297 807
	ANT_F_TPENTR\$50076D20012111131200/00000 /000002/	Page 1 of 2

24/11/2008 08 54

+61-294845559

DE-FENCE

PAGE 03/03



Business Insurance

Certificate of Currency

The following cover applies across the policy for all premises

Legal Liability

Public Liability Property in care, custody and control Products Liability (any one Period of Insurance) Pollution (any one Period of Insurance) Insured Amount \$20 000,000 \$100,000 \$20 000,000 \$20 000,000

Vero Enterprise is a division of Vero Insurance Limited ABN 48 005 297 807

÷ -

- +

- -

Page 2 of 2

DE-FENCE

PAGE 01/02

IBNA Gold Insurance

Certificate of Currency

Issue Date 24 November 2008

DAVELCORP INSURANCE BROKERS UBI Post Office Box 6526 BAULKHAM HILLS NSW 2153

lssuer	Vero Insurance Limited ABN 48 005 297 807
Policyholder	FENCING FABRICATIONS PTY LTD TRADING AS DE FENCE
Policyholder Address	2 CENTRAL AVENUE THORNLEIGH NSW 2120
Period of Insurance	30 October 2008 to 30 October 2009 at 4 00pm
Nature of Business	PROFESSIONAL OFFICES
The Business	FENCING COORDINATION OFFICE - INCLUDING MEASURING & ORDERING
Interested Parties	There are no Interested Parties noted
Policy Booklet	IBNA Gold Insurance V7012 V1

Policy Endorsement

Client is covered for manufacturing from 30/10/2006 & ceased Manufacturing fencing as of 01/12/2006 at 7 DAVIDS ROAD SOMERSBY 2250 for Fire Theft & Liability Policy Number SMX010550076

Vero Enterprise is a division of Vero Insurance Limited ABN 48 005 297 807

ENT_F_TPENT0550076D20012411100700//000x 1/000002/i Page 1 of 2

24/11/2008 09 17 +61-294845559

DE-FENCE

PAGE 02/02



IBNA Gold Insurance

Certificate of Currency

The following cover applies across the policy for all premises

Legal Liability

Public Liability Property in care, custody and control Products Liability (any one Period of Insurance) Pollution (any one Period of Insurance) Insured Amount \$20 000,000 \$250 000 \$20,000 000 \$20 000,000

Vero Entorprise is a division of Vero Insurance Limited ABN 48 005 297 807

Page 2 of 2

GEOTECHNICAL RISK MANAGEMENT POLICY FOR PITTWATER FORM NO 1 – To be submitted with Development Application

Development Appl	ication for	MATER	MARIA CATHOLIC (CLECE
Address of site	FOREST	ROAD	Name of Applicant

Declaration made by geotechnical engineer or engineering geologist or coastal engineer (where applicable) as part of a geotechnical report

AVE STUBBS on behalf of JEFFORY AND KATTUSKAS (Insert Name) (Trading of Company Name)

on this the <u>2157</u> <u>DECOMBER</u> 2006 certify that I am a geotechnical engineer or engineering geologist or coastal engineer as defined by the Geotechnical Risk Management Policy for Pittwater and I am authorised by the above organisation/company to issue this document and to certify that the organisation/company has a current professional indemnity policy of at least \$2million wet have

Please mark appropriate box

Prepared the detailed Geotechnical Report referenced below in accordance with the Australia Geomechanics Society's Geotechnical Risk Management Guidelines and the Pittwater Council Policy

Are An willing to technically venfy that the detailed Geotechnical Report referenced below has been prepared in accordance with the Australian Geomechanics Society's Geotechnical Risk Management Guidelines and the Pittwater Council Policy

Have examined the site and the proposed development/alteration in detail and am of the opinion that the Development Application only involves Minor Development/Alterations that do not require a Detailed Geotechnical nsk Assessment and hence my/report is in accordance with the Policy requirements for Minor Development/Alterations

Provided the coastal process and coastal forces analysis for inclusion in the geotechnical report

Geotechni	cal Report Details		
Report 1	THE GEUTECHNICHE ASSESSMENT		
Report [Dale 21 DECEMBER 2006	Report Ref No	154275L
Author	MR L T SAECUNEY		

Documentation which relate to or are relied upon in report preparation

() PROPOSED SITE RAN ELEVATION. DRAWING NO DD ICT PEV DAI NATED MARLIN 2006 BI FULTON ROTAER AND PARTNERS ARCHITECTS (2) STRUCTURE BRANING NO SCO & 1014-501, REV A DATED 23/2/03 2 5/12/00

We one <u>BY MRTHEOP (or SULFING OWINCEPS (3) STRUCTORING DRAWING NO SCO, A KING SCO, A KING SSULFOS X STRUCTS X STRUCTS CONTRACTION OF A DATE SCO, A KING SCO, A </u>

Signature

Name

Chartered Professional Status

Membership No

The Australia Chartered Professional Engineer Membership No 130775

Pittwater Council 18 Ref Interim Geotechnical Risk Management Policy for Pittwater June 2003

v

Adopted 16 06 2003 In Force from 17 06 2003

GEOTECHNICAL RISK MAINAGEMENT POLICY FOR FITTWATER FORM NO 1(a) - Checklist Of Requirements For Geotechnical Risk Management Report for Development Application or Part V assessment

	Development Application for MATER MARIA (A		
	Address of site FUREDS ROAD WARRIE INC.	f Applicant	
	wing checklist covers the minimum requirements to be addiessed in a Geore my the Geotechnical Report and its certification (Form No J)	echnical Risk Management Geotechnical Report This checklis	st is lo
	Geotechnical Report Details		
	Report Title GOUTCHNICHL ALLISMENT		
	Report Date 21 DECEMPER 2000	Report Ref No 15+27562 FAT	
	Author MPLJ SPEECHLEY		
Please 1	mark appropriate box Comprehensive site mapping conducted <u>IX DECONREX</u> (date) Mapping details presented on contoured site plan with geomorphic Subsurface investigation required WNo Justification <u>Mull</u> (CASEDCE) Yes Date conducted	c mapping to a minimum scale of 1 200 (as appropriate)	
X	Geotechnical model developed and reported as an inferred subsur Geotechnical hazards identified Above the sites On the sites Below the sites	rface type section NUT (LUSIDOLD) NECCUPAC PLT TO SMALL LALE OF PRUA BOVEL PMONT	
V	Geotechnical hazards described and reported		
4	Risk assessment conducted in accordance with Council's Policy		

Frequency analysis Risk calculation

Risk assessment for property conducted in accordance with Council's Policy

Risk assessment for toss of life conducted in accordance with Council's Policy Assessed risks have been compared to Acceptable Risk Management criteria as

5555 defined in the Geotechnical Risk Management Policy for Pittwater

defined in the Geotechnical Risk Management rollicy to riturate. Opinion has been provided that the design can achieve the Acceptable Risk Management' criteria provided that the specified conditions are achieved recommendations presented in the Report pre-polopted

100 years

Other

specify Development Conditions to be applied to all four phases as described in Pittwater Geotechnical Risk Management Policy have been specified

Additional action to remove nsk where reasonable and practical have been identified and included in the report

For Pressing that Pittwater Council will rely on the Geotechnical Report to which this checklist applies as the basis for ensuring that the geotechnical risk management aspects of the proposal have been adequately addressed to achieve an Acceptable Risk Management level for the life of the structure taken as at least 100 years unless otherwise stated and justified in the Report and that reasonable and practical measures have been identified to remove foreseeable lisk as discussed in the Report

> Name **Chartered Professional Status**

Anto

Membership No

Signature



For and on behalf of Jeffery & Kotouskos Pty Ltd

Pittwater Council

V مورام

19

Adopted 16 06 2003 In Force from 17 06 2003

Ref Interim Geotechnical Risk Management Policy for Pittwater June 2003

			-	
		IICAL RISK MANAGEMENT POLIC		
	FORM NO 2 - To b	e submitted with detailed design f	or construction certification	ate
		SHADE STUCAULE		
	Development Application for	MATER MARIA CA	THOUL COLLEG	-e
		Name of Applicant		
			-	
	Address of site Forces	H ROAD, WARRY	(FLOOD)	
		rai or Civil Engineer in relation to the incor	poration of the Geotechnical I	SSUES
	into the project design			
	I TODD HALLI	1At on behalf or NONATINDE	> ONTHNOUNS	
	(insert na	ne) (tra	ading or company name)	
	on this the 28 00	27000-		
	on this the 40 00			
	1	Built Engineer as defined by the Geotechnical	Risk Management Policy for Pu	ttwater 1
	am authonsed by the ab	ove organization/company to issue this	document and to certify	that the
	organization/company has a c	urrent professional indemnity policy of at lea ctural documents in accordance with the reco	st \$2million also certify the	at I have
	Report for the above develops		mmendations given in the Geo	lecimical
	Gentechnical Rend	ort Details		
	Report Title Geotec H	NICAL ASSISSMUST	# 15427 51250	
	Report Date 21 8000	MBOR 2006		
	Author L 3 5	PEECHLET		
	Companyed Da anne	ande Mad		
	Structural Docum		444	·······
	10 q - sc	1 B JOP 4 000	+++	
	<u>\$</u> @	<u> </u>		
hefe i ei				
weare	-1-200 BISD aware that Pittwater	Council refes on the processes covered by the e basis for ensuring that the geolechnical risk	Geotechnical Risk Managemeir Beneration of the area	nt Policy
		ately addressed to achieve an Acceptable Ris		
	structure taken as at least 100	years unless otherwise stated and justified		
	Todal Hal	liden		
	(name)	uning and	(signatu	ro)
	(14110)			•
	Declaration made by Geotec	nnical Engineer or Engineering Geologist ii	relation to Structural Drawin	gs
le fo	We			ler .
we	Aprepared and/or recrinically v	enfied the abovementioned Geotechnical Repu I the above listed structural documents prep	ort as per Form 1 dated ~1	t Lan illo and
	satisfied that the recommenda	tions given in the Geotechnical Report have	been appropriate taken into ac	count by
1. la . Ca		reparation of these structural documents		
we are		cil relies on the processes covered by the Geo e basis for ensuring that the geotechnical risk		
		ately addressed to achieve an Acceptable Ris		
	structure taken as at least 100	years unless otherwise stated and justified in t	the Report and that reasonable	and
	practical measures have been	identified to reprove foreseeable risk		
		Signature		B. 10. 11
		KIMIS	e 🛋 d	Paul Stubbs
		Name		MIEAust CPEng
		Chartered Professional Status		rtered Professional Engineer
		NIMIMANA CIAICODIATISI ARGINO	of Engineers,	Membership No 130775

Membership No

1

> ιŗ Australia Ł

Jeffery and Katauskas Pty Ltd

CONSULTING GEOTECHNICAL AND ENVIRONMENTAL ENGINEERS ABN 17 003 550 801

Principals

E H FLETCHER BSc (Eng) ME P STUBBS BSc MICE FGS D TREWEEK Dip Tech 8 F WALKER BE DIC MS Consultant R P JEFFERY BE DIC MS

Senior Associates L J SPEECHLEY BE(Hons) MEngSc D BLISS BE(Hons) MEngSc F A VEGA BSc(Eng) GDE P C WRIGHT BE(Hons) MEngSc A ZENON BSc(Eng) GDE

Associates A JACKAMAN BE MEngSc A KINGSWELL BSc(Hons) MSc A B WALKER BE(Hons) MEngSc

115 WICKS ROAD MACQUARIE PARK NSW 2113 POSTAL ADDRESS PO BOX 976 NORTH RYDE BC NSW 1670 Tel 02 9888 5000 Fax 02 9888 5001

REPORT

TO

MATER MARIA CATHOLIC COLLEGE

ON

GEOTECHNICAL ASSESSMENT

(IN ACCORDANCE WITH PITTWATER COUNCIL AMENDED INTERIM POLICY)

FOR

PROPOSED SHADE STRUCTURE AND WATER TREATMENT PLANT

AT

MATER MARIA CATHOLIC COLLEGE, FOREST ROAD, WARRIEWOOD

21 December 2006

Ref 15427SL2rpt



ENVIRONMENTAL INVESTIGATION SERVICES FOUNDATION AND SLOPE STABILITY INVESTIGATIONS ENGINEERING GEOLOGY PAVEMENT DESIGN EXPERT WITNESS REPORTS DRILLING SERVICES EARTHWORKS COMPACTION CONTROL MATERIALS TESTING ASPHALTIC CONCRETE TESTING QA AND QC TESTING AUDITING AND CERTIFICATION NATA REGISTERED LABORATORIES







TABLE OF CONTENTS

1	INTR	ODUCTION	1
2	ASS	ESSMENT METHODOLOGY	2
	2 1	Walkover Survey	2
3	SUM	MARY OF OBSERVATIONS	3
4	GEO	TECHNICAL ASSESSMENT	5
	41	Potential Landslide Hazards	5
	42	Rısk Analysıs	5
	43	Risk Assessment	6
5	COM	MENTS AND RECOMMENDATIONS	8
	51	Conditions Recommended to Establish the Design Parameters	8
	52	Conditions Recommended to the Detailed Design to be	
		Undertaken for the Construction Certificate	11
	53	Conditions Recommended During the Construction Period	12
	54	Conditions Recommended for Ongoing Management	
		of the Site/Structure(s)	12
6	OVE	RVIEW	13
ТАВ	LE A	SUMMARY OF RISK ASSESSMENT TO PROPERTY	
ТАВ	LE B	SUMMARY OF RISK ASSESSMENT TO LIFE	
FIGL	IRE 1	OVERALL SITE PLAN	
FIGL	IRE 2	GEOTECHNICAL SKETCH PLAN – SHADE STRUCTURE	
FIGL	RE 3	GEOTECHNICAL SECTION THROUGH PROPOSED WATER TREATMENT P	LANT

- FIGURE 4 GEOTECHNICAL MAPPING SYMBOLS
- APPENDIX A LANDSLIDE RISK MANAGEMENT TERMINOLOGY
- APPENDIX B SOME GUIDELINES FOR HILLSIDE CONSTRUCTION



1 INTRODUCTION

This report presents the results of our geotechnical assessment of relevant portions of the Mater Maria Catholic College, at Forest Road, Warriewood The assessment was commissioned by Mr Mark Suters of Mater Maria Catholic College by Purchase Order Number 000695 dated 8 December 2006 Our geotechnical assessment has been carried out in accordance with our proposal (Ref P13585SL) dated 8 December 2006 The relevant portions of the site were inspected by the undersigned on 18 December 2006, in order to assess the existing stability and the effect on stability of the proposed development

We understand that the proposed development comprises two separate structures, a shade structure and a water treatment plant. The location of these proposed structures is shown on the attached Figure 1 Figure 1 is an extract from the site plan prepared by Fulton Trotter and Partners Architects, Drawing Number DD-101, dated March 2006

Shade Structure

We have been provided with the following drawings for the proposed shade structure,

- Layout Plan, Drawing Number DW6, undated, by Sunshade Australia
- Structural Drawing Number S00, Revision A, dated 23 February 2005 by Northrop Structural Engineers
- Structural drawing Number 1014-S01 Revision A, dated 5 December 2006 by Northrop Structural Engineers

From these drawings we understand that the shade structure will generally be located between Blocks A and F The pole supports for the shade structure will be supported by piled footings



Water Treatment Plant

We have been provided with Structural Drawing Number S1 dated 25 September 2006, by Bond James Norrie Marsden Consulting Engineers From this drawing and the site plan, we understand that the proposed water treatment plant will be located to the east of the existing carpark, close to the eastern boundary of the College The treatment plant will be constructed by excavating into an existing vegetated batter slope Excavation will be to a maximum depth of about 1 8m and will be about 0 6m from the concrete kerb and gutter for the existing carpark. The excavation will be supported by a concrete block retaining wall

This report has been prepared in accordance with the requirements of the Amended Interim Geotechnical Risk Management Policy for Pittwater (adopted 17 June 2003) as discussed in Section 4 below. It is understood that the report will be submitted to Council as part of the DA documentation. Our report is preceded by the completed Council Forms 1 and 1a

2 ASSESSMENT METHODOLOGY

2.1 Walkover Survey

The geotechnical assessment of each area is based upon a detailed inspection of the topographic, surface drainage and geological conditions of the site and its immediate environs. These features were compared to those of other similar lots in neighbouring locations to provide a comparative basis for assessing the risk of instability affecting the proposed developments. The attached Appendix A defines the terminology adopted for the risk assessment together with a flow chart illustrating the Risk Management Process based on the guidelines given in AGS 2000 (Reference 1)



A summary of our observations is presented in Section 3 below. Our specific recommendations regarding the proposed developments are discussed in Section 5 following our geotechnical assessment

The attached Figures 2 presents a geotechnical sketch plan of the area around the proposed shade structure, while the attached Figure 3 presents a typical section through the proposed water treatment plant Figures 2 and 3 show some of the principal geotechnical features present at the sites Features shown on Figures 2 and 3 have been measured by hand held inclinometer and tape measure techniques and hence are only approximate. Should any of the features be critical to the proposed developments, we recommend they be located more accurately using instrument survey techniques.

3 SUMMARY OF OBSERVATIONS

We recommend that the summary of observations which follows be read in conjunction with the attached Figures 2 and 3

Shade Structure (Refer to Figure 2)

- The proposed shade structure will be located such that it covers an existing asphaltic concrete playground, with Block A to the south and Block F and another demountable classroom to the north
- The overall topography of the area has an average slope down to the south at about 20° However the site appears to have been cut and filled to create level building pads and playground areas
- On the high (or northern) side of the proposed shade structure there is a rendered retaining wall about 1 1m high. This wall appears in good condition Above this wall there is a garden area which contains a batter slope upto 2m high and as steep as an average of about 45°. Weathered bedrock was



exposed in the batter slope About 2 5m beyond the crest of the batter slope is a single storey metal demountable classroom

- On the low (or southern) side of the proposed shade structure there is a concrete retaining wall which is 2 2m high and which retains the asphalt playground area. This wall is also in good condition and has weep holes at about 1 8m to 2 0m spacing at the base of the wall. Some seepage was evident from the weep holes. While we have no subsurface information, we surmise that the retaining wall supports at least a moderate depth of fill. A stormwater line also runs along the playground side of the retaining wall.
- The adjoining Blocks A and F are three storey brick and concrete structures

Water Treatment Plant (Refer to Figure 3)

- The proposed water treatment plant is to be located at the eastern end of the site on the low side of an existing asphalt carpark. The asphalt carpark has been recently constructed and we understand that it involved excavation into the hillside on the high side and filling on the low side.
- A batter slope exists on the low side of the existing carpark, and as discussed above we expect that this batter slope comprises an engineered fill. The batter slope is about 1 8m high and has an average gradient of about 26° or 1 Vertical in 2 Horizontal. At the toe of the batter slope there is a concrete cycleway and footpath
- A stormwater pipe appears to run below the concrete kerb and gutter on the low side of the existing asphalt carpark. The invert of the stormwater pipe was measured to be at about 1 35m below the top of the concrete kerb



4 GEOTECHNICAL ASSESSMENT

4 1 Potential Landslide Hazards

We consider that the potential landslide hazards associated with the site of the proposed shade structure to be the following

- Hazard A Failure of the concrete retaining wall on the southern side of the playground
- Hazard B. Failure of the rendered retaining wall on the northern side of the playground
- Hazard C Slump failure of the batter slope between the demountable classroom and the playground

We consider that the potential landslide hazards associated with the site of the proposed water treatment plant to be the following

- Hazard D Slump of the cut face during excavation of the plant area We note that this is a temporary hazard during construction
- Hazard E Failure of the concrete block retaining wall around the new water treatment plant

4 2 Risk Analysis

The attached Table A summarises our qualitative assessment of each potential landslide hazard and of the consequences to property should the landslide hazard occur Based on the above, the qualitative risks to property have been determined The terminology adopted for this qualitative assessment is in accordance with Table A1 given in Appendix A Table A indicates that the assessed risk to property for hazards A, B, C and E is either Very Low or Low which would be considered 'Acceptable" in accordance with the criteria given in Reference 1 and the Pittwater Council Amended Interim Policy Hazard D has been assessed as having a temporary risk to property of Moderate The Moderate risk is considered to be 'Tolerable' in



accordance with the criteria given in Reference 1 and the Pittwater Council Amended Interim Policy The Moderate risk for Hazard D assumes that the excavation for the water treatment plant is cut without providing any temporary support. If temporary support of the excavation is provided then we consider that the likelihood of failure could be reduced to 'Unlikely' and therefore the risk would be reduced to 'Low' and therefore 'Acceptable' Reference should be made to Section 5 below for specific comments and recommendations

We have also used the indicative probabilities associated with the assessed likelihood of instability to calculate the risk to life. The temporal and vulnerability factors that have been adopted are given in the attached Table B together with the resulting risk calculation. Our assessed risk to life for the person most at risk is about equal to or less than 1×10^{6} for all hazards

4 3 Risk Assessment

The Pittwater Amended Interim Policy requires suitable measures 'to remove risk' It is recognised that, due to the many complex factors that can affect a site, the subjective nature of a risk analysis, and the imprecise nature of the science of geotechnical engineering, the risk of instability for a site and/or development cannot be completely removed. It is, however, essential that risk be reduced to at least that which could be reasonably anticipated by the community in everyday life and that landowners be made aware of reasonable and practical measures available to reduce risk as far as possible. Hence, where the policy requires that 'reasonable and practical measures have been identified to remove risk', it means that there has been an active process of reducing risk, but it does not require the geotechnical engineer to warrant that risk has been completely removed, only reduced, as removing risk is not currently scientifically achievable



Similarly, the Pittwater Interim Policy requires that the design project life be taken as 100 years unless otherwise justified by the applicant. This requirement provides the context within which the geotechnical risk assessment should be made. The required 100 years baseline broadly reflects the expectations of the community for the anticipated life of a residential structure and hence the timeframe to be considered when undertaking the geotechnical risk assessment and making recommendations as to the appropriateness of a development, and its design and remedial measures that should be taken to control risk. It is recognised that in a 100 year period external factors that cannot reasonably be foreseen may affect the geotechnical risks associated with a site. Hence, the Policy does not seek the geotechnical engineer to warrant the development for a 100 year period, rather to provide a professional opinion that foreseeable geotechnical risks to which the development may be subjected in that timeframe have been reasonably considered

Our assessment of the probability of failure of existing structural elements such as retaining walls (where applicable) is based upon a visual appraisal of their type and condition at the time of our inspection. Where existing structural elements such as retaining walls will not be replaced as part of the proposed development, where appropriate we identify the time period at which reassessment of their longevity seems warranted

In preparing our recommendations given below we have adopted the above interpretations of the Interim Policy requirements. We have also assumed that no activities on surrounding land which may affect the risk on the subject site would be carried out. We have further assumed that all Council's buried services are, and will be regularly maintained to remain, in good condition

We consider that our risk analysis has shown that the sites of the proposed development can achieve the 'Acceptable Risk Management' criteria in the Pittwater Interim Policy provided that the recommendations given in Section 5 below are



adopted These recommendations form an integral part of the Landslide Risk Management Process

5 COMMENTS AND RECOMMENDATIONS

We consider that the proposed developments may proceed provided the following specific design, construction and maintenance recommendations are adopted to maintain and reduce the present risk of instability of the site and to control future risks. These recommendations address geotechnical issues only and other conditions may be required to address other aspects.

5.1 Conditions Recommended to Establish the Design Parameters

Shade Structure

The structural drawings for the shade structure indicate the new shade 511 structure supports to be founded on 600mm diameter pile footings extending into stiff clays to total depths ranging from 1 8m to 2 3m From our visual assessment of the site, we expect that these soil conditions will probably be encountered on the northern side of the site However, on the southern side of the site, we expect that there may be a moderate depth of fill adjacent to the existing concrete retaining wall and therefore piers will probably need to extend to greater depths Currently we have no details of the existing concrete wall, or the stormwater pipe which extends along the back of the wall It is possible that the concrete retaining wall may have a heal which extends back under the playground and therefore may affect piling Also it is important to note that lateral loading of the piles from the shade structure supports will induce additional lateral loads on the existing concrete retaining wall and stormwater pipe Therefore we recommend that the piles be located as far away from the retaining wall and stormwater pipe as possible, but at least 1 Om from both to reduce the risk of adversely impacting the wall or stormwater pipe. We also recommend that the piles



be founded at least 1 Om below the base of the concrete wall, or deeper should the structural design require

Water Treatment Plant

- 512 The structural drawings for the Water Treatment Plant by Bond James Norrie Marsden indicate the retaining wall surrounding the plant to be a concrete block wall up to about 1 6m high and founded on weathered rock The rear of the wall will be 0 6m from the outside edge of the concrete kerb to the adjoining asphalt carpark Construction of this wall as a gravity retaining wall will require a vertical or near vertical cut immediately below the kerb of the existing carpark Our geotechnical risk assessment has indicated that the risk to property (i.e. the kerb, gutter and asphalt pavement, as well as the concrete stormwater pipe below the kerb) is 'Moderate' if the soil is cut without support The Moderate risk rating is based on our judgement that the potential consequences for a slump of the excavation face during construction is Minor (i.e. limited damage to part of site requiring some reinstatement/stabilisation works) However in this case the consequences are guite subjective and others may consider that the consequences are far more insignificant. Therefore we consider that there are two options that may be adopted It will be the responsibility of the client to consider the risks and the cost implications and nominate their preferred method Option 1 is to support the excavation face, at least on the high side, by an insitu retention system Option 2 is to excavate the soils vertically without temporary support and accept the risk that if damage to the pavement and stormwater pipe occurs from slumping or movement of the cut face, then it will need to be repaired
- 5 1 3 For Option 1 discussed above, the insitu retention system could be utilised as part of the permanent support. The insitu retention system could include



a contiguous piled or semi contiguous piled (soldier pile) wall The gaps between piles should not exceed 0 3m and would need to be filled by reinforcing mesh and shotcrete immediately after excavation If the soils are found to be quite sandy during drilling then closer spacing of the piles will be necessary

- 514 Option 2 would require construction of the concrete block retaining wall to be carried out as soon as possible after excavation. The probability of slumping and causing damage to the adjoining pavement and stormwater pipe will increase the longer the cut face is left unsupported. For this option a free draining durable granular drainage layer should extend up the entire rear of the wall (with the exception of the upper 0 3m which should be capped with a layer of clay). The granular drainage material should be surrounded by geotextile filter fabric (such as Bidim A34). An agricultural pipe should be located at the base and rear of the retaining wall to collect seepage and direct it to the stormwater system.
- 5 1 5 The proposed new retaining walls should be designed using the following parameters
 - For cantilever walls, adopt a triangular lateral earth pressure distribution and an 'active' earth pressure coefficient, (Ka) of 0 3, for the retained height, assuming a horizontal backfill surface
 - A bulk unit weight of 20kN/m³ should be adopted for the soil profile
 - Any surcharge affecting the walls (eg traffic loading, live loading, etc) should be allowed in the design
 - The retaining walls should be provided with complete and permanent drainage of the ground behind the walls. This could include drainage cell placed between the piles for a semi contiguous piled wall



- Rock may not be encountered at bulk excavation level Therefore where applicable passive resistance should be based on a passive earth pressure co-efficient (Kp) of 3 0
- 5 1 6 Footings for the retaining wall may be founded on natural residual soils (depending on the load requirements of the wall footing) or weathered rock Footings founded on weathered rock may be designed on the basis of a maximum allowable bearing pressure of 600kPa subject to inspection by a geotechnical engineer prior to pouring Footings founded on residual soils would need specific assessment by the geotechnical engineers once the founding conditions are exposed
- 5 1 7 The guidelines for Hillside Construction given in Appendix B should also be adopted

5 2 <u>Conditions Recommended to the Detailed Design to be Undertaken for the</u> <u>Construction Certificate</u>

- 5 2 1 All structural design drawings must be reviewed by the geotechnical engineer who should endorse that the recommendations contained in this report have been adopted in principle
- 5 2 2 The structural engineer must indicate on the structural drawings the design life of all structures and structural elements
- 5 2 3 Any hydraulic design drawings must be reviewed by the geotechnical engineer who should endorse that the recommendations contained in this report have been adopted in principle



5 3 Conditions Recommended During the Construction Period

- 5 3 1 The geotechnical engineer must inspect the drilling of all pile footings for the shade structure to confirm they have encountered material consistent with that assumed on the structural drawings
- 532 If excavation for the water treatment plant is to be excavated without temporary support then the geotechnical engineer must inspect the excavation face for any obvious signs of instability prior to personnel commencing block wall construction
- 533 If a contiguous pile or semi contiguous pile wall is adopted to provide temporary support for the water treatment plant excavation, then the drilling of piles should be inspected by a geotechnical engineer to confirm that the material encountered and depths of piles is consistent with assumptions made in the structural drawings
- 534 Granular backfill behind retaining walls must be approved by the geotechnical engineer prior to placement
- 5 3 5 The geotechnical engineer must confirm that the proposed works have been completed in accordance with the geotechnical reports

5.4 <u>Conditions Recommended for Ongoing Management of the Site/Structure(s)</u>

The following recommendations have been included so that the current and future owners of the subject property are aware of their responsibilities

- 5 4 1 All existing and proposed surface (including roof) and subsurface drains must be subject to ongoing and regular maintenance by the property owners
- 5 4 2 No cut or fill in excess of 0 5m (eg for landscaping, buried pipes, retaining walls, etc), is to be carried out on site without prior consent from Pittwater Council



- 543 Where the structural engineer has indicated a design life of less than 100 years then the structure and/or structural elements must be inspected by a structural engineer at the end of their design life, including a written report confirming scope of work completed and identifying the required remedial measures to extend the design life over the remaining 100 year period
- 5 4 4 There is minor undermining of the edge of the concrete footpath next to the demountable classroom. This edge should be locally underpinned to reduce the risk of cracking of the concrete footpath with time.

6 OVERVIEW

It is possible that the subsurface soil, rock or groundwater conditions encountered during construction may be found to be different (or may be interpreted to be different) from those inferred from our surface observations in preparing this report Also, we have not had the opportunity to observe surface run-off patterns during heavy rainfall and cannot comment directly on this aspect. If conditions appear to be at variance or cause concern for any reason, then we recommend that you immediately contact this office.

This report has been prepared for the particular project described and no responsibility is accepted for the use of any part of this report in any other context or for any other purpose. Copyright in this report is the property of Jeffery and Katauskas Pty Ltd. We have used a degree of care, skill and diligence normally exercised by consulting engineers in similar circumstances and locality. No other warranty expressed or implied is made or intended. Subject to payment of all fees due for the investigation, the client alone shall have a licence to use this report.



Should you have any queries regarding this report, please do not hesitate to contact the undersigned

wich he

LJ Speechley Senior Associate

Reviewed By,

P Stubbs Principal For and on behalf of JEFFERY AND KATAUSKAS PTY LTD

Reference 1 Australian Geomechanics Society (2000) Landslide Risk Management Concepts and Guidelines' Australian Geomechanics, Vol 35, No 1 March 2000 pp49 92

Ref 15427SL2 - Table B



TABLE B SUMMARY OF RISK ASSESSMENT TO LIFE

Potential Landslide	Hazard A	Hazard B	Hazard C	Hazard D	Hazard E
Hazard	Failure of the concrete	Failure of the rendered	Slump failure of the batter	Slump of the cut face	Failure of the concrete
	retaining wall on the	retaining wall on the	slope between the	during excavation of the	block retaining wall
	southern side of the	northern side of the	demountable classroom	water treatment plant	around the new water
	playground	playground	and the playground	area (Temporary Hazard)	treatment plant
Assessed Likelihood	Unlikely to Rare	Unlikely to Rare	Possible	Likely	Rare
Indicative Annual	5×10 ⁵	5×10 ⁵	1×10 ³	1×10 ²	1×10 ⁵
Probability					
Persons at Risk	Persons in playground	Persons in playground	Persons in playground	Person in excavation or	Persons in the water
	close to wall or in	near wall		above crest of cut	treatment plant
	service corridor below				
	wall				
Number of Persons	4 (assumes 4 students	4 (assumes 4 students	4 {assumes 4 students	64	
Considered	near wall at any one	near wall at any one time)	within vicinity of failure)		
	time)				
Duration of Use of Area	3 hours/day	3 hours/day	3 hours/day	4 hours/day	1 hour/month
Affected (Temporal	(0 125)	(0 125)	(0 125)	(0 166)	(0 001)
Probability)			Assumes fencing restricts	(during construction of	
			vehicular access to crest of	block walls)	
			cut)		
Probability of Not	0 01	0 01	0 1	01	01
Evacuating Area Affected	(warning by cracking)	(warning by cracking)			Warning by cracking
Vulnerability to Life if	03	01	0 01	0 01	03
Failure Occurs Whilst	(may be buried or	(unlikely to be buried)	(unlikely to be buried or	(unlikely to be burred or	(may be trapped)
Person Present	trapped)		struck with any significant	struck with any	
			volume of material)	significant volume of material)	
Risk for Person Most at Risk	1 8×10 ⁸	6x10 ⁹	1 25×10 ⁷	1 6x10 ⁶	3x10 ¹⁰
Total Risk	7 2×10 ⁸	2 4×10 ⁸	5x10 ⁷	3 2x10 ⁶	3×10 ¹⁰





TABLE A SUMMARY OF RISK ASSESSMENT TO PROPERTY

Potential Landslide Hazard	Assessed Likelihood	Assessed Consequences	Risk	Comments
Hazard A Failure of the concrete retaining wall on the southern side of the playground	Unlikely to Rare	Medium	Low	Wall currently appears in good condition Failure could impact Block A and shade structure foolings Some warning would be likely by cracking
Hazard B Failure of the rendered retaining wall on the northern side of the playground	Unlikely to Rare	Minor	Very Low	Wall currently in good condition Some warning would be likely by cracking
Hazard C Slump failure of the batter slope between the demountable classroom and the playground	Possible	Insignificant	Low	Failure unlikely to reach playground or demountable classroom
Hazard D Slump of the cut face during excavation of the water treatment plant area We note that this is a temporary hazard during construction	Lıkely	Minor	Moderate	Damage could extend to kerb gutter and asphalt pavement and possibly stormwater pipe If insitu wall used to support cut during construction then likelihood would be Unlikely and risk would reduce to 'Low
Hazard E Failure of the concrete block retaining wall around the new water treatment plant	Rare	Minor to Medium	Very Low	Retaining wall to be properly designed Damage from failure may extend to carpark



ensinger Obsogora





TYPICAL SECTION

3

ł

í

PROPOSED WATER TREATMENT PLANT

SCALE 1.100 AT A4 SIZE

Jeffery & Katauskas Pty Ltd Report No 19427512 Figure No \$



IOPOGR APHY



EXAMPLE OF USE OF TOPOGRAPHIC SYMBOLS



GEOTECHNICAL MAPPING SYMBOLS

 Jeffery and Katauskas Pty Ltd

 Report No
 15427542

 Figure No
 4

K.


APPENDIX A

LANDSLIDE RISK MANAGEMENT TERMINOLOGY 7 November 2002 Ref Landslide Risk Management Appendix A



Page A1

APPENDIX A

LANDSLIDE RISK MANAGEMENT

DEFINITION OF TERMS

Risk - A measure of the probability and severity of an adverse effect to health, property or the environment

Risk is often estimated by the product of probability x consequences. However a more general interpretation of risk involves a comparison of the probability and consequences in a non-product form.

- Hazard A condition with the potential for causing an undesirable consequence (*the landslide*) The description of landslide hazard should include the location volume (or area) classification and velocity of the potential landslides and any resultant detached material, and the likelihood of their occurrence within a given period of time
- Elements at Risk Meaning the population buildings and engineering works, economic activities public services utilities infrastructure and environmental features in the area potentially affected by landslides
- Probability The likelihood of a specific outcome measured by the ratio of specific outcomes to the total number of possible outcomes Probability is expressed as a number between 0 and 1, with 0 indicating an impossible outcome, and 1 indicating that an outcome is certain
- Frequency A measure of likelihood expressed as the number of occurrences of an event in a given time. See also Likelihood and Probability.
- Likelihood used as a qualitative description of probability or frequency
- Temporal Probability The probability that the element at risk is in the area affected by the landsliding, at the time of the landslide
- Vulnerability The degree of loss to a given element or set of elements within the area affected by the landslide hazard it is expressed on a scale of 0 (no loss) to 1 (total loss) For property, the loss will be the value of the damage relative to the value of the property, for persons it will be the probability that a particular life (the element at risk) will be lost, given the person(s) is affected by the landslide
- **Consequence** The outcomes or potential outcomes arising from the occurrence of a landslide expressed qualitatively or quantitatively, in terms of loss, disadvantage or gain, damage injury or loss of life
- Risk Analysis The use of available information to estimate the risk to individuals or populations, property, or the environment, from hazards Risk analyses generally contain the following steps scope definition, hazard identification and risk estimation

This appendix is an extract from LANDSLIDE RISK MANAGEMENT CONCEPTS AND GUIDELINES as presented in Australian Geomechanics Vol. 35. No. 1. 2000 which discusses the matter more fully

Ref Landslide Risk Management Appendix A



Page A2

- **Risk Estimation** The process used to produce a measure of the level of health, property, or environmental risks being analysed Risk estimation contains the following steps frequency analysis, consequence analysis, and their integration
- **Risk Evaluation** The stage at which values and judgements enter the decision process explicitly or implicitly, by including consideration of the importance of the estimated risks and the associated social, environmental, and economic consequences, in order to identify a range of alternatives for managing the risks
- Risk Assessment The process of risk analysis and risk evaluation
- **Risk Control or Risk Treatment** The process of decision making for managing risk, and the implementation, or enforcement of risk mitigation measures and the re-evaluation of its effectiveness from time to time using the results of risk assessment as one input
- Risk Management The complete process of risk assessment and risk control (or risk treatment)
- **Individual Risk** The risk of fatality or injury to any identifiable (named) individual who lives within the zone impacted by the landslide, or who follows a particular pattern of life that might subject him or her to the consequences of the landslide
- Societal Risk The risk of multiple fatalities or injuries in society as a whole one where society would have to carry the burden of a landslide causing a number of deaths, injuries, financial, environmental, and other losses
- Acceptable Risk A risk for which, for the purposes of life or work, we are prepared to accept as it is with no regard to its management. Society does not generally consider expenditure in further reducing such risks justifiable.
- Tolerable Risk A risk that society is willing to live with so as to secure certain net benefits in the confidence that it is being properly controlled, kept under review and further reduced as and when possible

In some situations risk may be tolerated because the individuals at risk cannot afford to reduce risk even though they recognise it is not properly controlled

- Landslide Intensity A set of spatially distributed parameters related to the destructive power of a landslide The parameters may be described quantitatively or qualitatively and may include maximum movement velocity, total displacement, differential displacement, depth of the moving mass, peak discharge per unit width, kinetic energy per unit area
- <u>Note</u> Reference should also be made to Figure A1 which shows the inter-relationship of many of these terms and the relevant portion of Landslide Risk Management

Reference should also be made to the paper referenced below for Landslide Terminology and more detailed discussion of the above terminology

This appendix is an extract from LANDSLIDE RISK MANAGEMENT CONCEPTS AND GUIDELINES as presented in Australian Geomechanics Vol 35 No 1 2000 which discusses the matter more fully

Ref Landslide Risk Management Appendix A



Page A3

TABLE A1 LANDSLIDE RISK ASSESSMENT QUALITATIVE TERMINOLOGY FOR USE IN ASSESSING RISK TO PROPERTY

Qualitative Measures of Likelihood

Løvel	Descriptor	Description	Indicative Annual Probability
A	ALMOST CERTAIN	The event is expected to occur	>≈10 ¹
В	LIKELY	The event will probably occur under adverse conditions	≈10°
С	POSSIBLE	The event could occur under adverse conditions	≈10 ³
D	UNLIKELY	The event might occur under very adverse circumstances	≈10 ¹
Е	RARE	The event is conceivable but only under exceptional circumstances	≈10 ³
ج	NOT CREDIBLE	The event is inconceivable or fanciful	< 10 6

Note \approx means that the indicative value may vary by say $\pm \frac{1}{2}$ order of magnitude or more

Qualitative Measures of Consequences to Property

Level	Descriptor	Description
1	CATASTROPHIC	Structure completely destroyed or large scale damage requiring major engineering works for stabilisation
2	MAJOR	Extensive damage to most of structure or extending beyond site boundaries requiring significant stabilisation works
3	MEDIUM	Moderate damage to some of structure or significant part of site requiring large stabilisation works
4	MINOR	Limited damage to part of structure or part of site requiring some reinstatement/stabilisation works
5		Little damage

Note The Description may be edited to suit a particular case

Qualitative Risk Analysis Matrix - Level of Risk to Property

	CONSEQUENCES to PROPERTY				
LIKELIHOOD	1 CATASTROPHIC	2 MAJOR	3 MEDIUM	4 MINOR	5 INSIGNIFICANT
A - ALMOST CERTAIN	VH	VH	Н	Н	M
B - LIKELY	VH	Н	Н	M	LM
C - POSSIBLE	Н	н	M	LM	VLL
D - UNLIKELY	MH	М	LM	VLL	VL
E – RARE	ML	LM	VLL	VL	VL
F - NOT CREDIBLE	VL	VL	VL	VL	VL

Risk Level Implications

	Risk Level	Example Implications
νн	VERY HIGH RISK	Extensive detailed investigation and research planning and implementation of treatment options essential to reduce risk to acceptable levels may be too expensive and not practical
н	HIGH RISK	Detailed investigation planning and implementation of treatment options required to reduce risk to acceptable levels
M	MODERATE RISK	Tolerable provided treatment plan is implemented to maintain or reduce risks. May be accepted. May require investigation and planning of treatment options.
L	LOW RISK	Usually accepted Treatment requirements and responsibility to be defined to maintain or reduce risk
VL	VERY LOW RISK	Acceptable Manage by normal slope maintenance procedures

Note (1) The implications for a particular situation are to be determined by all parties to the risk assessment these are only given as a general guide

(2) Judicious use of dual descriptors for Likelihood. Consequence and Risk to reflect the uncertainty of the estimate may be appropriate in some cases.

These tables are an extract from LANDSLIDE RISK MANAGEMENT CONCEPTS AND GUIDELINES as presented in Australian Geomechanics Vol 35 No 1 2000 which discusses the matter more fully



FIGURE A1. FLOWCHART FOR LANDSLIDE RISK MANAGEMENT

This figure is an extract from LANDSLIDE RISK MANAGEMENT CONCEPTS AND GUIDELINES as presented in Australian Geomechanics Vol35 No1 2000 which discusses the matter more fully

APPENDIX B



APPENDIX B - SOME GUIDELINES FOR HILLSIDE CONSTRUCTION

GOOD ENGINEERING PRACTICE

POOR ENGINEERING PRACTICE

ADVICE	GOOD ENGINEERING PRACTICE	POOR ENGINEERING PRACTICE
GEOTECHNICAL	Obtain advice from a qualified experienced geotechnical consultant at early stage of planning and before site works	Prepare detailed plan and start site works before geotechnical advice
PLANNING		
SITE PLANNING	Having obtained geotechnical advice plan the development with the risk arising from the identified hazards and consequences in mind	Plan development without regard for the Risk
DESIGN AND CONSTRUC	TION	
HOUSE DESIGN	Use flexible structures which incorporate properly designed brickwork timber or steel frames timber or panel cladding Consider use of split levels. Use decks for recreational areas where appropriate	Floor plans which require extensive cutting and filling Movement intolerant structures
SITE CLEARING	Retain natural vegetation wherever practicable	Indiscriminately clear the site
ACCESS & DRIVEWAYS	Satisfy requirements below for cuts fills retaining walls and drainage Council specifications for grades may need to be modified Driveways and parking areas may need to be fully supported on piers	Excavate and fill for site access before geotechnical advice
EARTHWORKS	Retain natural contours wherever possible	Indiscriminant bulk earthworks
CUTS	Minimise depth Support with engineered retaining walls or batter to appropriate slope Provide drainage measures and erosion control	Large scale cuts and benching Unsupported cuts Ignore drainage requirements
FILLS	Minimise height Strip vegetation and topsoil and key into natural slopes prior to filling Use clean fill materials and compact to engineering standards Batter to appropriate slope or support with engineered retaining wall Provide surface drainage and appropriate subsurface drainage	Loose or poorly compacted fill, which if it fails may flow a considerable distance (including onto properties below) Block natural drainage lines Fill over existing vegetation and topsoil Include stumps, trees vegetation, topsoil, boulders building rubble etc in fill
ROCK OUTCROPS & BOULDERS	Remove or stabilise boulders which may have unacceptable risk Support rock faces where necessary	Disturb or undercut detached blocks or boulders
RETAINING WALLS	Engineer design to resist applied soil and water forces Found on bedrock where practicable Provide subsurface drainage within wall backfill and surface drainage on slope above Construct wall as soon as possible after cut/fill operation	Construct a structurally inadequate wall such as sandstone flagging, brick or unreinforced blockwork Lack of subsurface drains and weepholes
FOOTINGS	Found within bedrock where practicable User rows of piers or strip footings oriented up and down slope Design for lateral creep pressures if necessary Backfill footing excavations to exclude ingress of surface water	Found on topsoil loose fill detached boulders or undercut cliffs
SWIMMING POOLS	Engineer designed Support on piers to rock where practicable Provide with under drainage and gravity drain outlet where practicable Design for high soil pressures which may develop on uphill side whilst there may be little or no lateral support on downhill side	
DRAINAGE SURFACE	Provide at tops of cut and fill slopes Discharge to street drainage or natural water courses Provide generous falls to prevent blockage by siltation and incorporate silt traps Line to minimise infiltration and make flexible where possible Special structures to dissipate energy at changes of slope and/or direction	Discharge at top of fills and cuts Allow water to pond bench areas
SUBSURFACE	Provide filter around subsurface drain Provide drain behind retaining walls Use flexible pipelines with access for maintenance Prevent inflow of surface water	Discharge of roof run off into absorption trenches
SEPTIC & SULLAGE	Usually requires pump out or mains sewer systems, absorption trenches may be possible in some areas if risk is acceptable Storage tanks should be water tight and adequately founded	Discharge sullage directly onto and into slopes Use of absorption trenches without consideration of landslide risk
ROSION CONTROL & ANDSCAPING	Control erosion as this may lead to instability Revegetate cleared area	Failure to observe earthworks and drainage recommendations when landscaping
DRAWINGS AND SITE VIS	ITS DURING CONSTRUCTION	
DRAWINGS	Building Application drawings should be viewed by a geotechnical consultant	· · · · · · · · · · · · · · · · · · ·
SITE VISITS	Site visits by consultant may be appropriate during construction	
NSPECTION AND MAINTE	ENANCE BY OWNER	
owner s Responsibility	Clean drainage systems repair broken joints in drains and leaks in supply pipes Where structural distress is evident seek advice	
	If seepage observed, determine cause or seek advice on consequences	

This table is an extract from LANDSLIDE RISK MANAGEMENT CONCEPTS AND GUIDELINES as presented in Australian Geomechanics Vol 25, No 1, March 2000 which discusses the matter more fully

Server\Promotional & Marketing Socs\APPENDIX B Some Guidelines for Hillside Construction



K

APPENDIX B1 - ILLUSTRATIONS OF GOOD AND POOR HILLSIDE PRACTICE

This figure is an extract form LANDSLIDE RISK MANAGEMENT CONCEPTS AND GUIDELINES as presented in *Austi alian Geomechanics*, Vol 35, No 1 2000 which discusses the matter more fully

STATEMENT OF ENVIRONMENTAL EFFECTS

Project

ADDITIONAL SECURITY FENCING MATER MARIA COLLEGE 5 FOREST ROAD WARRIEWOOD

Prepared on behalf of CATHOLIC SCHOOLS OFFICE, DIOCESE OF BROKEN BAY

1.0 Introduction

This statement of environmental effects is in support of the proposed new fencing and replacement of existing fencing at the Mater Maria College Warriewood

2 O The Site

The site is identified as Lot 13, DP 1083731

The College is a year 7-12 co-educational systemic Catholic School The College services the local community, enrolments are accepted from students along the Peninsula, and from catholic and government primary schools

The College is located on the lower Warriewood Escarpment at the western end of the Warriewood Valley Vehicular access to the site is from the end of Forest Road

The site is an irregular shaped piece of land with an area of approximately 5 hectares The southern portion of the site accommodates a natural creek line, Fern Creek, adjacent to the College's levelled playing fields The College site is on sloping land, with slopes of up to 20%, and a flat area at the southeast corner accommodating playing fields The site has a southeast aspect and enjoys views over the valley towards the ocean Parts of the site are visible from few parts of the valley and surrounding hills This view is of bushland and the tops of the tailer buildings blending with the trees

3 0 The Proposal

The proposed fencing includes

- Installation of 2100mm high '*Diplomat*' style fencing with black powder coat finish along the access pathway/cycle way at the east of the site
- Replacement of existing chain wire fence along the northern boundary of the site with 'Diplomat' style fencing
- Installation of 3000mm high chain wire fence to the southern side of the existing playing field and east of the existing games court

Mater Maria College Statement of Environmental Effects P 'projects\7002 www 02 MMC Fencing\Authorities\20061019 7002ww02 Statement Env Effects doc



ABN 89312516315

SYDNEY L3/35 Source Street BONOLJUNCTION 2022 PC Box 1669 BOND FUNCTION 1355

1 02 9319 3941 F (12 1369 3743 E svirey&fato i it regin a

BRISBANE 96 Astor 1 r act PC Box 353 SPRING HILL 4004

F 0/ 2291 1511 F 07 3291 1500 E grsban @f ! onstatte car au

TWEED HEADS L1/10 Frances Street PO Box 389 IWEED HEADS 2485

* 07 5536 6611 F 07 5536 7174 E te<u>renistriction</u> atter<u>contac</u>

PARTNERS

Andrew Armstrong raia NSW 6321 QLD 2814

Greg Isaac raia NSW 6855 QLD 2920

Mark Trotter fraia NSW 4421 QLD 1870

Paul Trotter raia NSW 7177 QLD 2646

Robert Wesener raia NSW 5802 QLD 2633

ASSOCIATES

Greg Dart raia

- Bruce Hawley raia John Hay raia
- Katie Maccoll raia
- Grea Mulheran raia

Ben O Halloran

Neil Roberts fraia

Paul Sekava raia

4.0 Environmental Effects and Compliance

The plans against which the proposal has been assessed are Pittwater Local Environmental Plan 1993 Development Control Plan 21

4 1 LEP 1993

The site is zoned 1(b) NON URBAN B, is located within 40 metres of a river/stream/foreshore, Certified Pittwater LGA Bushfire Prone Land, Flood Prone Land, Landslip Hazard, Flora & Fauna Conservation Area Category 1, Flora & Fauna Conservation Area Category 2, Adjoining Bushfand Reserves

Under the LEP the proposed work would require development consent

4 2 DCP 21

Section d14 16 - Fences - Flora and Fauna Conservation Areas

The site is considered Non-Urban and hence a 1 8m fence may be considered along the front boundary The 2 1m fence proposed is considered reasonable given the use of the site is a school and that the proposed fence is visually permeable allowing for surveillance to and from the street and side boundaries

4 3 Additional Information

Proposed fences

- are to be constructed from non-combustible materials (powder coated steel) - - are set back from the side and rear boundary and so do not set aside the Dividing Fences Act 1991,

- are not positioned within the existing fuel free/asset protection zone under the Rural Fires Act (This zone is uphill from the school),

- does not impact on site sewer or stormwater provision,

- does not alter or restrict vehicular or pedestrian access to or from the site,

- does not impact existing trees,

- does not contravene the recent major building and site work development consent N1038/00,

- are in accordance with community expectations for school security,

A Geotechnical Assessment prepared by Jeffery and Katauskas Pty Ltd is attached to this Statement of Environmental Effects This Assessment was prepared for a recently proposed Shade Structure and Water Treatment Plant on the site The proposed fencing in this application comprises a similar position and situation to that of the Water Treatment Plant proposal For the fence construction, it is considered that replacement of existing soil with concrete footings for fence posts, surrounded and backfilled fully using existing soil would reinstate the site to existing conditions on the conditions that

- footings are placed as soon as possible after excavation to minimise the possibility of slumping of the excavation face,

- good practices are employed for soil erosion and sediment control during construction,

Mater Maria College Statement of Environmental Effects

P \projects\7002 ww 02 MMC Fencing\Authorities\20061019 7002ww02 Statement Env Effects doc

- surrounding areas are revegetated with turf where disturbed,

- footings are installed of sufficient size as recommended by the manufacturer for this particular site, taking into account the sloping site condition,

- fencing is braced laterally and longitudinally as recommended by the fencing manufacturer for this height of fence,

- fencing remains of an open nature, with no enclosing fabric that could act as a wind break or detract from visual amenity

50 Conclusion

Relevant aspects of the natural environment have been analysed and the necessary measures to avoid or minimise adverse impacts incorporated in the proposed development

The proposed development generally meets the objectives of Council's planning instruments and the minor additional height of the fence above the recommended 18m is considered appropriate for the School security and operation. We recommended that this application be considered for approval.

Greg Isaac Fulton Trotter and Partners Architects

Mater Maria College Statement of Environmental Effects P \projects\7002 ww 02 MMC Fencing\Authorities\20061019 7002ww02 Statement Env Effects doc

Work /	Activity/Task Installatio	Work Activity/Task Installation of Heavy Security Fencing	Project Name/No Mater Maria Catholic College.
Codes/	Codes/Standards applicable		
			Principal Contractor. Diocese of Broken Bay
Prepar	Prepared by. Victor Naiker		Representative Peter Patterson
Signature.	Ire,		Sub-contractor: Fencing Fabrications
Date. 1	Date. 16/12/08		DFT Licence N°. 446155
Item	Job Step Break the Job down into steps	Identified Hazard and Assessment What can cause a high degree of harm?	Controls What you are going to do to make this step as safe as possible, include equipment to be used where appropriate
1	-Unload fencing and posts into a clear area	-Remove obstacles in the path way of fence/materials	-Clear pathway in front of fence/materials so that they are accessible with out any hazards
7	-Deliver materials to work area on a light vehicle	-Manual handling, over loading utility with fencing Driving to fast on site	-Manual handling materials in accordance with the Work Safe National Australia Code of Practice Keep an eye out for predestians Obey speed limits on site on parking requirements
ω	-Dig holes for posts with post hole digger or core drill	-Digging/drilling without appropriate safety boots Power leads or drainage underground. Long power leads	-Wear safety boots at all times whilst on site Check site plans for underground power cables & drainage or ask site management, or check for services with other trades Leads are not to exceed 30 meters Ensure core drill used for coring holes are tagged Soil from holes to be evenly spread around the post where appropriate
4	-Erecting fence panels between post	-Steel shavings going into eye, whilst driling tek screw into panels	-Wear eye protection
Ś	-Cleaning	-Panels, posts on ground in the way of other trades Power leads over 30mtrs, can cause hazard trup	-Do not leave panels, post in the way of other trades Power leads to be under 30mtrs Make sure at all times work area is clean neat and tidy

Safe Work Method Statement – page 1 of 1





16th December2008

To Pittwater Council

The Catholic School Office Diocese of Broken Bay has requested Fencing Fabrications to supply & install a Heavy Duty Security and Chainwire fencing at Mater Maria Catholic College

Below are the material specifications on Heavy Duty Security & Chainwire fencing

Heavy Duty Security

Pre-Galvanised powdercoated black 2100mm high 40mm top & bottom rail 25mm square verticals with crimped top 140mm centres 115mm air gap between verticals 65mm gate frame for single and double gates

Chainwire Fencing

PVC Black 3000mm high 50mm diamond aperture 2 5mm wire + PVC black coating 50mm NB round end posts 32mm NB round intermediate posts 25mm NB round top, bottom & middle rails 32mm NB round stays

Below are the manufactures recommendations of installing Heavy Duty Security & Chainwire fencing

Heavy Security Fencing 65mm/100mm square posts

If installing posts into earth a pad footing of 300mm dia x 700mm depth is required

B1, 2 Central Avenue, Thornleigh NSW 2120 Phone (02) 9484 7979 Fax (02) 9484 5559

65mm/100mm square posts

1 Core depth into **concrete slab** is a minimum of 150mm to 350mm deep, (depending on thickness of concrete slab) Diameter of core is 100mm for 65mm posts, & 180mm for 100mm posts

Chainwire Fencing

32mm NB round post

1 If installing posts into earth a pad footing of 250mm dia x 600mm depth is required

50mm NB round posts

1 If installing posts into earth a pad footing of 250mm dia x 800mm depth is required

If you have any questions please contact me direct on (M) 0422-408-066

Kind Regards,

Victor Naiker Fencing Fabrications

See reverse of form for instruc	TIONS OFFICE USE ONLY
1.1.1.1.1.1. SU WALLS VERZES	MASSING AND AN ANALY IS TO ANALY AND ANALY PLEASE PRINT ALL DETAILS USING CAPITALS
Surname (1f person) or Company/Organisation name	FENCING FABRICATIONS
Given names (if person)	
POSTAL ADDRESS No and street or PO Box	VNIT 5 30 LLIGHTON PLACE
۲own/suburb	HOLVZBA
State	$N \leq \omega$ Postcode 2017 Bus hours phone 0294947979
Number and street	5 FORESTRORD
Town/suburb	
State	N 3 03 Postcode 2120 14
Estimated start date D	$12_{M}01_{Y}2009$ Estimated finish date D 14_M 03_Y 2009
A CANTRE DERMISSURWON	a reperion placed by consentand/centiving ruthoniving the moniplegeneric and the second
Local Council Area	
¹ DA/CC/CDC No Estimated value of work (see note on back)	\$
¹ If you have provided a CC abov	ve, please provide DA number here
Name of Officer/Private Certifier	Business hours phone
- ALLEY DEALS STOLD A	ompilered by Resumministry where applicable - see revorse
Department/Authority	
Contract/DA No (circle which)	s 0 0 0
Levy payable	
	Phone number Date D
a DAAM AND REAL AND	
Any false or misleading informat	Description of the form may result in prosecution under Section 58A ation provided on this form is true and correct to the best of my knowledge
Name	Date D M Y
Exemption Approval Certificate N	
	uction Industry Long Service Payments Corporation Locked Bag 3000 Central Coast MC NSW 2252 Fax (02) 9287 5685 Email levy@lspc nsw gov au www lspc nsw gov au ABN 93 646 090 808 Aug 08/180