

the certification group
enhancing building performance

29 October 2008

Pittwater Council
PO Box 882
Mona Vale NSW 1660

Dear Sir/Madam,

**Re Development Application No N0021/07
Our Occupation Certificate No 138OC/2007
Premises 5 Forest Road, Warriewood (Mater Maria College)**

Please find attached a copy of the following -

- Occupation Certificate

In accordance with the regulations we have enclosed a cheque for the sum of \$30 00 for the submission of the Part 4A certificate

Should you have any further enquiries please do not hesitate to contact us and we will be pleased to assist you

**NB (Please forward receipt for the above \$30 00 fee to The Certification Group
PO Box 870 Narrabeen NSW 2101)**

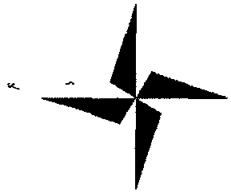
Yours faithfully,

Mark Wysman
The Certification Group

#248657 \$30 PRVC \$ 29/10/08

Unit 3/6 Wilmette Place Mona Vale NSW 2103 PO Box 870 Narrabeen NSW 2101
tel 9944 8222 fax 9944 6330 email info@certgroup.com.au www.certgroup.com.au abn 47 121 229 166 - trading as The Certification Group

Accredited Certifiers · Principal Certifying Authority (PCA) · Critical Stage Inspections · Local Council Consultant Services · Building Code & Planning Consultants



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OCCUPATION CERTIFICATE DETERMINATION

Issued under the Environmental Planning and Assessment Act 1979
Section 109C (1) (c) and 109H

OCCUPATION CERTIFICATE NO 138OC/2007

DETERMINATION

Type of Certificate **Final**
Approved/Refused **Approved**
Date of Decision **29 October 2008**

SUBJECT LAND

Address **5 Forest Road, Warriewood**
Lot No DP **Lot 13 DP 1083731**
Council **Pittwater**

DESCRIPTION OF DEVELOPMENT

Description **Shade Structure**
BCA classification **10a**

APPLICANT

Name **Mater Maria College**
Address **5 Forest Road Warriewood**
Contact Number (tel) **tel 9997 7044 (Contact person Mark Suters)**

OWNER

Name **Mater Maria College**
Address **5 Forest Road Warriewood**
Contact Number (tel) **tel 9997 7044 (Contact person Mark Suters)**

DEVELOPMENT CONSENT

Council **Pittwater**
Development Consent No s **N0021/07**
Date of Determination **26 March 2007**

CONSTRUCTION CERTIFICATE

Construction Certificate No s **138/2007**
Date of Determination **23 July 2007**

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INFORMATION ATTACHED TO THIS DECISION

	DATE
Geotechnical Assessment prepared by Jeffery and Katauskas P/L	6 August 2007
Form 3 Geotechnical Risk Management Policy prepared by Jeffery and Katauskas P/L	6 August 2007
Fire Retardant Material Specifications and Data Sheet prepared by Sun Shade Australia	21 December 2007
Occupation Certificate Application Form	16 July 2007

RECORD OF CRITICAL STAGE & OTHER INSPECTIONS CARRIED OUT DURING CONSTRUCTION

		DATE
Commencement	Satisfactory	21 August 2007
Post Footings	Satisfactory	21 August 2007
Final	Satisfactory	23 October 2008

FINAL OCCUPATION CERTIFICATE

I Mark Wysman certify that

- The health and safety of the occupants of the building have been taken into consideration where an interim occupation certificate is being issued
- A current development consent or complying development certificate is in force for the building
- If any building work has been carried out, a current construction certificate (or complying development certificate) has been issued with respect to the plans and specifications for the building
- The building is suitable for occupation or use in accordance with its classification under the *Building Code of Australia*
- Where required a fire safety certificate has been issued for the building
- Where required, a report from the Fire Commissioner has been considered

SIGNATURE


DATE OF ENDORSEMENT

29 October 2008

CERTIFICATE NO

138OC/2007

CERTIFYING AUTHORITY

Name of Certifying Authority
 Name of Accredited Certifier
 Registration No
 Contact No
 Address

THE CERTIFICATION GROUP
Mark Wysman
 BPB 0449 – NSW Building Professional Board
 PH (02) 9944 8222 FAX (02) 9944 6330
 PO BOX 870 NARRABEEN NSW 2101

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
B F WALKER BE DIC MSc
Consultant R P JEFFERY BE DIC MSc

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

Associates
D J BLISS BE(Hons) MEngSc
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

6 August 2007
Ref 15427SLBlet

Mater Maria Catholic College, Warriewood
Forest Road
WARRIEWOOD NSW 2102

COUNCIL COPY

ATTENTION Mr Mark Suters

Dear Sirs

GEOTECHNICAL INSPECTION OF PIERS FOR SHADE STRUCTURE MATER MARIA CATHOLIC COLLEGE, WARRIEWOOD NSW

As requested, our Senior Associate, Mr Daniel Bliss, visited the above site on 31 July 2007 to inspect the drilling of bored piers to support the proposed shade structure. Jeffery and Katauskas Pty Ltd previously carried out a geotechnical assessment of the site, together with the site of a proposed water treatment plant, which is detailed within our report dated 21 December 2006 (Ref 15427SL2rpt). The geotechnical assessment report was prepared in accordance with the requirements of the Amended Interim Geotechnical Risk Management Policy for Pittwater (adopted 17 June 2003). Pittwater Council Forms 1 and 1a were included within the geotechnical assessment report.

Following preparation of the above report, we were supplied with copies of the structural drawings for the proposed shade structure by Northrop Consulting Engineers (Job No 06444, Drawing Nos S00, Rev A and 1014-S01, Rev B) and examined the drawings in relation to our geotechnical assessment report. Following this review we completed Pittwater Council Form 2.



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





During the inspection on 31 July 2007 five piers were drilled to support the proposed posts for the shade structure. During the inspection discussions were held with Mr Todd Halliday of Northrop regarding the piers located on the southern side of the structure directly behind the existing retaining wall. Mr Halliday advised that since the posts in the south-western corner and the middle of the southern side of the structure will be connected at the top to the adjacent building these piers will not carry any loads and the allowable bearing pressure of 150kPa stated on the structural drawings is not required for these piers. The allowable bearing pressure of 150kPa for the foundation material for the remaining three piers was required.

The drilling of the five piers was inspected to the required depths as stated on the structural drawing. The piers on the south-eastern corner, north-eastern corner and the middle of the northern side were founded within material that is considered adequate for the required allowable bearing pressure of 150kPa.

Based on our inspection, we are of the opinion that the construction of the shade structure footings has been undertaken in general accordance with the intent of the recommendations given within our geotechnical assessment report dated 21 December 2006 (Ref 15427SL2rpt). As such, we enclose the completed Pittwater Council Form 3. The completion of Form 3 does not relieve the builder of their responsibility to produce the completed development in accordance with the relevant design drawings, construction codes, the geotechnical assessment, etc.

As detailed within our previous geotechnical assessment report, the current and future owners of the property should be aware of the following ongoing site maintenance responsibilities in relation to geotechnical aspects:

- All surface (including roof) and subsurface drains must be subject to ongoing and regular maintenance by the property owner.



- No cut or fill in excess of 0.5m (e.g. for landscaping, buried pipes, retaining walls, etc.) is to be carried out on site without prior consent from Pittwater Council

Should you require any further information regarding the above please do not hesitate to contact the undersigned

Yours faithfully
For and on behalf of
JEFFERY AND KATAUSKAS PTY LTD

A handwritten signature in black ink, appearing to read 'D Bliss'.

Daniel Bliss
Senior Associate

Encl Form 3

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**GEOTECHNICAL RISK MANAGEMENT POLICY FOR PITTWATER
FORM NO 3 – Post Construction Geotechnical Certificate**

Development Application for shade structure at Mater Maria Catholic College
Name of Applicant
Address of site Forest Road, Warrimoo, NSW

Declaration made by geotechnical engineer on completion of the Development

I Daniel Bliss on behalf of Jettex and Kataruskas Pty Ltd
(Insert Name) (Trading or Company Name)

on this the 6 August 2007
certify that I am a geotechnical engineer as defined by the Geotechnical Risk Management Policy for Pittwater. 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 ^{we} prepared and/or verified the Geotechnical Report as per Form 1 dated _____ referred to below

Geotechnical Report Details

Report Title Geotechnical Assessment
Report Date 21 December 2006 Report Ref No 15427562.07
Author Mr L J Speckley

We / I reviewed the original structural design and where applicable the subsequently amended structural details (below listed) which have been incorporated into the completed project

We / I have inspected and/or ^{are} satisfied that the foundation materials upon which the structural elements (as detailed in the original and amended structural documents) of the development have been erected ^{are} comply with the requirements specified in the Geotechnical Report

We / I have inspected the site during construction and to the best of my knowledge ^{our} ^{we are} I am satisfied that the development referred to in the development consent D A _____ dated _____
(D A No) (Date consent given)

has been constructed in accordance with the intent of the Geotechnical Report and the requirements of the conditions of Development Consent relating to the geotechnical issues (including any treatment and/or maintenance plan that may be required to remove risk where reasonable and practical)

We / I am aware that Pittwater Council require this certificate prior to issuing an occupancy certificate for the development identified above and will rely on this certificate in regard to the development having achieved the Acceptable Risk Management criterion defined in the Policy and that reasonable and practical measures have been taken to remove foreseeable risk *as indicated in Report*

List of all work as executed drawings and Ongoing Maintenance plans relevant to geotechnical risk management

Refer to covering letter dated 6/8/07
Ref 15427562.07

Signature D Bliss
Name Daniel Bliss
Chartered Professional Status MIE Aust CPEng
Membership No 969445



Sun Shade Australia PO Box 277 Armidale NSW 23107 ABN 90 078 882 016 tel 02 9974 5019 fax 02 9974 4580 email sales@sunshade.com.au web www.sunshade.com.au

Mr Mark Suters
Director of Communications
Mater Maria College
Forest Rd
Warnewood NSW 2102

21 December 2007

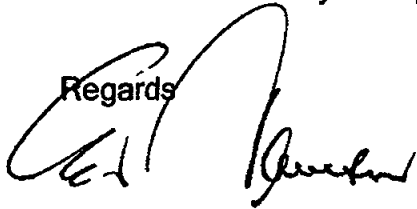
Dear Mark

RE Shade sails installed October 2007

As requested, please find details below for the shade cloth fabric used in the manufacture of the abovementioned sails

The fabric is called Ainet Extrablock which is manufactured by Halifax Vogel Group (HVG) The colour is True Blue which is listed as a fire retardant fabric (see attached datasheet)

Please call should you require any further information

Regards


Doc Lawsen

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industrial materials

Extrablock Datasheet

Description.	Extrablock is designed for use in tension structures, sails, awnings & umbrellas Manufactured using 16 gauge monofilament and tape, Extrablock has high tensile strength and near equal elongation in warp, weft & bias directions Fire Retardancy comes standard in Sunblaze, Silver, Forest Green, Midnight, Latte, Charcoal & True Blue, while all colors have exceptionally high UVR & UPF levels
Application:	Tension Structures, Sails, Roll Up & Fixed Awnings, Umbrellas
Weight.	330gsm
Roll Width.	3M
Roll Length:	50M lay flat
Colours:	Sunblaze, Cream, Beige, Silver, Forest Green, True Blue, Midnight, Latte & Charcoal
Construction:	16 Gauge Mono Yarn & Tape in HDPE
UVR Levels:	Sunblaze 97 6, Cream 95 4, Beige 95 3, Silver 97 3, Forest Green 95 7, True Blue 97 1 Midnight 97 6, Latte 95 5, Charcoal 95 7
UPF Levels	Sunblaze 41, Cream 21, Beige 21, Silver 37, Forest Green 23, True Blue 34 Midnight 41, Latte 22 2, Charcoal 23
Shade Cover.	Sunblaze 94 9, Cream 81 4, Beige 86 8, Silver 97 5, Forest Green 93, True Blue 94 5
FR AS1530.2:	Flammability 1, Spread Factor 0, Heat Factor 1
FR AS1530 3:	Ignitability - 13, Spread of Flame - 7, Heat Evolved - 2, Smoke - 5
C.F R⁺ Warranty	Meets California Fire Marshalls requirements, Title 19, Section 1237UV 10 Years
Burst Strength:	Mean 3000 KPa, AS2001 2 4 -1990
Strip Tensile Test.	Warp 18 kN/m, Weft 26 kN/m, ASTM D 4595-86
Tear Strength:	Warp 200N, Weft 196N, ASTM D 1424
Elongation: At Break	Warp 68%, Weft 58%, ASTM D 4595-86
Break Force: (Grab test)	Warp 979N, Weft 1228N, AS2001 2 3 2 - 2001

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Product Performance and Suitability All of the descriptive information and recommendations for use of this product shall only be used as a guide. Furnishing such information in no event constitute a warranty of any kind. Buyers shall independently test and determine the suitability of the material for the purpose for which it is intended. No one is authorized to give any warranty, guarantee or make any representation in addition or contrary to the above.

(JW/EC0907 2007)



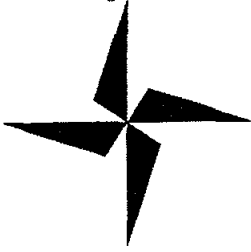
Halifax Vogel Group in Australia & New Zealand

☎ 1300 558 882 (Australia wide) +61 (02) 9556 6000 (Outside Australia)

☎ 1300 558 889 (Australia wide) +61 (02) 9556 6066 (Outside Australia)

w www.halifaxvogel.com.au





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APPLICATION FORM

Made under the Environmental Planning and Assessment Act 1979 Sections 81A(2)(4) 84A, 85A & 109C (1)(b)
Environmental Planning and Assessment Regulation 2000 clauses 126(1) 139(1) or 157(1)
To complete this form please place a cross in the boxes and fill out the white sections as appropriate

Application Sought

Complying Development Certificate

Occupation Certificate (Final)

Construction Certificate

Principal Certifying Authority

Office Use Only

GC 128/2007

Job 157/07

Subject Land

Address 5 FOREST ROAD WARRIEWOOD

Loc No DP SP vol/fol Etc DP 104 2213 LOT 12

Details of the applicant

Name /Company MATER MARIA CATHOLIC COLLEGE Contact Person _____

Postal Address 5 FOREST ROAD WARRIEWOOD Postcode N 2102 State NSW

E mail msuteis@mmcc.dbb.catholic.edu.au Daytime telephone 02 9997 7044

Fax 02 9997 6042 Mobile _____

Applicant Signature As Below. Date _____

Consent of Owner(s)

I/We as the owner/s of the above property authorise for either Mark Wysman or Wayne Treble to provide Construction Certification and to act as the Principal Certifying Authority for the subject building works including site inspections and to lodge the Notice of Commencement / Appointment of the Principal Certifying Authority with the relevant Council

Name(s)/ Company MATER MARIA CATHOLIC COLLEGE ON BEHALF OF TRUSTEES OF ROMAN CATHOLIC CHURCH, DIOCESE OF BROKEN BAY

Address 5 FOREST ROAD WARRIEWOOD Postcode 2102 State NSW

Phone No 02 9997 7044 Mobile _____ Fax 02 9997 6042

Signature of Registered owner(s) Company stamp or seal to be affixed if applicable

[Signature]

Date 16/7/07.

