Sunrise Pools Australia

5/8 Victoria Avenue, Castle Hill, Sydney NSW 2154

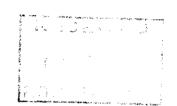
Phone: (02) 9680 2574 Fax: (02) 9899 4450 ABN 45 111 594 024 Lic no. 174740C





08 November 2005

Pittwater Council Attention: Carl Georgeson PO Box 882 MONA VALE NSW 1660



RE: CC 0539/05- 277 Lower Plateau Rd, Bilgola Plateau

Dear Carl,

I respond to your letter dated 11th October 2005 regarding the CC for the proposed new swimming pool at the above address. Your letter raises three points.

- Provision of a Form No. 2
 This form is attached (5 copies)
- Plan showing details of swimming pool fence and security devices to windows and doors of residence.
 Amended site plan (SRP0506-1a) is enclosed (5 copies)
- Provision of structural details of piers.
 Structural engineers plans are attached (SUN0530/1) showing specifications of piers at deep end of pool.

I trust that this now provides you with everything you need to assess the application, please contact me if you require any further details.

Kind Regards ©

KELLY ROBINSON

Sunrise Pools Aust. Pty Ltd.





2002

GEOTECHNICAL RISK MANAGEMENT POLICY FOR PITTWATER FORM NO. 2 – To be submitted with detailed design for construction certificate
Development Application for
Name of Applicant
Address of site 277 Lower Plateau Rd, Bilgola Plateau
Declaration made by Structural or Civil Engineer in relation to the incorporation of the Geotechnical issues into the project design
(Insert tenne) on behalf of Gooff Nince Fong & Plane (trading or company name)
on this the 4-11-05
(date) certify that I am a Structural or Civil Engineer as defined by the Geotechnical Risk Management Policy for Pittwater. 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 Geotschnical Report for the above development
Gentechniqui Paport Patalia
Report Title: RISK Hanagement for proposed pool at 277 tower Flateau Re Report Date: 19-7-05 Bilgola Plateau
Author: d. Hodgen.
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Structural Documents list:
SUN 0530/1 SUN 0530/2 SUN 0530/3
I am also aware that Pittwater 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 Structure taken as at least 100 years unless otherwise stated and justified.
FRAD FONT
(name) (signature)
Declaration made by Geotechnical Engineer or Engineering Geologist in relation to Structural Drawings
I prepared and/or technically verified the abovementioned Geotechnical Report as per Form 1 dated and now certify that I have viewed the above listed structural documents prepared for the same development. I am 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.
I am aware that Pittwater 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 Signature
OHODGSON
Chartered Professional Status MEN SC FIFAVST
Membership No. 149 748

2002

GEOTECHNICAL RISK MANAGEMENT POLICY FOR PITTWATER FORM NO. 2 - To be submitted with detailed design for construction certificate
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Report Title: RISK Management for proposed pool at 277 Lower Placeau Re Report Date: 19-7-05 Author: d. Hodgson.
Structural Documents list: SUN 0530/2 SUN 0530/2
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GEOTECHNICAL RISK MANAGEMENT POLICY FOR PITTWATER FORM NO. 2 - To be submitted with detailed design for construction certificate

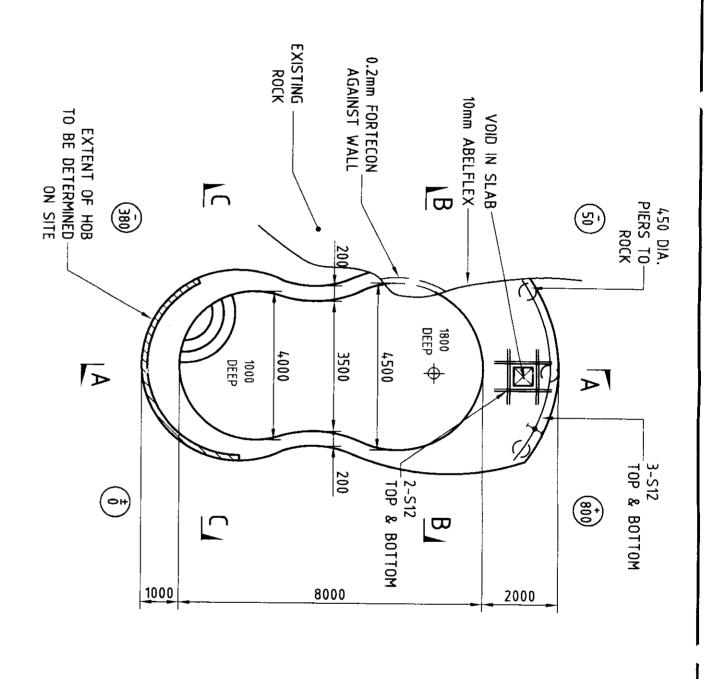
Development Application for	-
Name of Applicant	
Address of site 277 Lower Plateau Rd, Bilgola	Plateau
octaration made by Structural or Civil Engineer in relation to the Incorporation of the Geotechni	cal issues into the project design
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(insert name) (trading or company name)	
4-11-05	
this the (date)	
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A PETUING	14
Signature	
Name OF HODGSON	
Chartered Professional Status MENASC FIE Aus	
Chartered Professional Status, IVX III.4	
Membership No. 149	

GEOTECHNICAL RISK MANAGEMENT POLICY FOR PITTWATER

2002

FORM NO. 2 - To be submitted with detailed design for construction certificate	
Development Application for	
Name of Applicant	
Address of site 277 Lower Plateau Rd, Bilgola Plateau	
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Pond time Geall Ninne For & Place	
(Insert terms) on behalf of Gooff Ninnes Fore & PAnce (trading or company name)	
on this the 4-11-05	
(date) certify that I am a Structural or Civil Engineer as defined by the Geotechnical Risk Management Policy for Pittwater. I am a	urthorised by the
above organization/company to issue this document and to certify that the organization/company has a current professional in	demnity policy of
at least \$2million. It also certify that I have prepared the below listed structural documents in accordance with the recomme	ndations given in
the Geotechnical Report for the above development Geotechnical Report Details:	
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Report Date: 19-7-05 Bilgola Pla	tean.
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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 11% of the structure taken as at least 100 years unless of	herwise stated
and Justified.	
BLUND TONG 90 VICE	
(name) (signature)	•
Declaration made by Gootechnical Engineer or Engineering Geologis(in relation to Structural Drawings	
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the Report and that reasonable and practical measures have peen identified to remove foreseeable risk.	
J NOOUSa	
Signature FHOD 680N	
Name Name	
Chartered Professional Status MENASC FIE Aus	
Membership No. 149 738	

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	Development .	Application for					-		
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		te geotechnical risk «Management" leve							
the Report	and that reasons	ble and practical me	eesures have bee	n identified to	remove fores	eeable risk.	iness onion	PRO SIGNEU AND	Juaguezu.m
			UNA	desa					
		Signature				•			



POOL

DENOTES APPROX. HEIGHT OF POOL ABOVE EXISTING GROUND LEVEL.

NOTE: THIS POOL IS NOT DESIGNED FOR DIVING

Rev No	Revision Description	Ву	Date	Approval
	5/8 Victoria Avenue, Costle Hill 2154 Phone: 9680 2574, 9680 2668 Fox: 98994450			

700	
A.C.N. 003 069 803 Gold Libence No. 467230	2/6 victoria Avenue, Castle Hill 2154 Phone: 9680 2574, Fax: 98994450

Geoff Ninnes, Fong Swimming Pool Consultants Trading as PROPOSED SWIMMING POOL FOR JOHN & CERIAN BRONDUM 277 LOWER PLATEAU RD, BILGO BILGOLA PLATEAU

& Partners, Pty. Ltd. Level 1
68-70 Crown Street,
Weoldonnooloo, N.S.W. 2011
Weoldonnooloo, N.S.W. 2011
Phone 9331 5106 Fax 9331 2963
Email: sydney@gnfp.com.au

Onac Drawing No.

ACN No. 001 849 289
Consulting Engineers
Civil Structural Storm

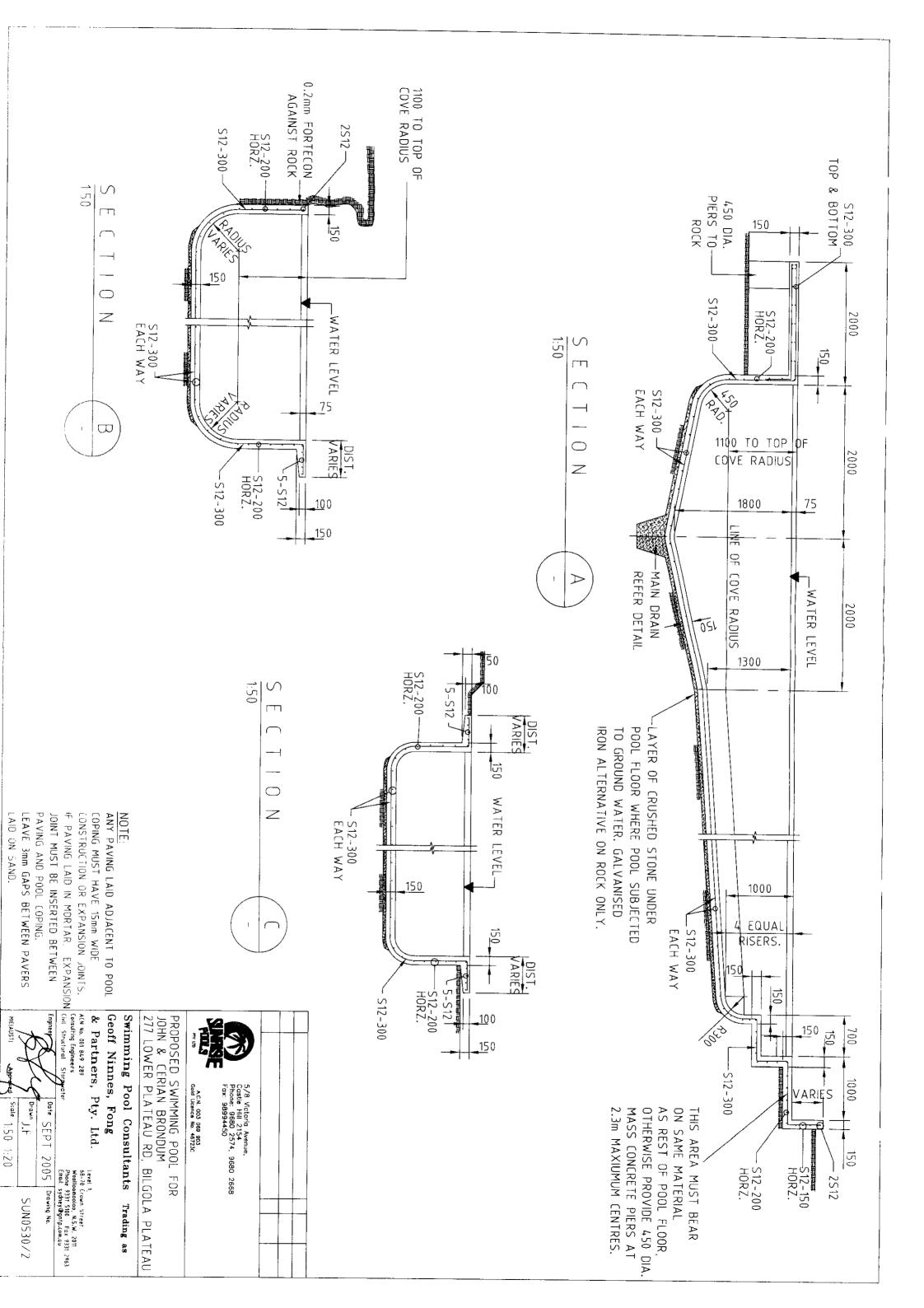
Drawn J.F SEPT 2005 SUN0530/1

Scale 1:100, 1:200

ME(AUST)

Agree

THIS DRAWING IS COPYRIGHT AND THE PROPERTY OF GEOFF NINNES FONG & PARTNERS PTY, LTD. AND MUST NOT BE RETAINED, COPIED OR USED WITHOUT THE AUTHORITY OF GEOFF NINNES FONG & PARTNERS PTY. LTD.



walkways have been designed for a distributed load of 3KPa. Balustrade load walkways have been designed for a distributed load of 3KPa. Balustrade load is 30 kg/m UNO. No additional loads shall be permitted without prior is 30 kg/m UNO. No additional loads shall be permitted without prior is 30 kg/m UNO. No additional loads shall be permitted if masonry walls, approval from the Engineer. N.B. Engineer should be notified if masonry walls, approval from the Engineer. N.B. Engineer should be notified if masonry walls, approval from the Engineer in N.B. Engineer should be notified on walkways. Grovide temporary drain holes in both shallow and deep ends of pool shell. Hydro valve to be cleared of debris on completion of concreting. Shell. Hydro valve to be separated from underlying material by 75mm (alger of crushed stone draining to hydrostatic valve.) Place membrane between pool shell and bluemetal. Corrugated iron alternative on rock only. Fill main drain sump with blue metal. Corrugated iron alternative on rock only. Fill main drain sump with blue metal. POOL 61 This design applies only for ground levels as shown. 62 All workmanship and materials shall comply with relevant current SAA codes. S 5 99 67 8 Walkway 65 Floor Floor Walls 85 Floor Walls 85 Floor Beams 90 Floor Floor Walls 90 Floor Fl 69 C2 Exclude calcium chloride. Max a 80mm. Cement type A. C3 Reinforcement cover - Soil Face (1 The mix shall be proportioned to produce a minimum 28 day compressive strength of 25MPa when tested in accordance with AS1012 and suitable for pneumatic application. All workman-ship and materials shall be in accordance S = Grade 230 structural grade deformed Y = Grade 410 tempcore deformed R = Grade 230 plane grade round. F = Grade 450 hard drawn wire fabric. 68 plastic chairs that restrict entry of concrete into and around them shall not be used. By-laws and ordinances of the local Building Authority. By-laws and ordinances of the local Building Authority. The overall dimensions shall be checked on site. Dimensions shown are concrete sizes and do not include finishes. These drawings are to be read in conjunction with the Contract but do not form part of the Contract. Do scale from this drawing. Any discrepancies shall be notified to the Engineer. The foundation material must be stable in the condition of the condition material must be stable. CONCRETE NOTES C6 Reinforcement to be adequately wire tied with wire ends flattened into 01 If owner is dissatisfied with initial pool set out, location or depths, builder should be notified before steel reinforcement is fixed. 02 The position of skimmers, lights, return lines etc. on this drawing is indicative only and final position of be determined on site. 03 The pool concrete should be cured by hosing four times per day for seven days (10 days in summer) to keep exposed concrete continually wet after Excavations shall not be permitted within 2 metres of an existing structure without prior approval or recommendations for shoring or underpinning concrete placement. 04 Safety fencing should be in accordance with Local Councils requirements The foundation material must be stable, in natural ground, and uniform and sha have a minimum bearing capacity of 150 kPa for piers 350 kPa Any variation in foundations from that assumed shall be immediately referred to the Engineer. 20 06 Notify pneumatic application. with AS2783:1994. chairs at approximately 1m centres. and conform to Australian Standards. The pool is not designed for diving. Provide safety signage to SAA code and Council requirements and AS2416, AS2899.2. Notify engineer if pool to be emptied after finishing. lane of bars. Seperate lap bars by 75m BUILDER: GENERAL NOTES USED. WHERE PLASTIC CHAIRS ARE USED ELSEWHERE IN POOL GROUND WALLS AND COPINGS. PLASTIC CHAIRS SHALL NOT BE WIRE CHAIRS (PLASTIC TIPPED) TO BE USED IN ALL OUT OF PARTICULAR CARE TO BE TAKEN TO ENSURE CONCRETE IS COMPACTED OWNER NOTES AROUND AND Max aggregate size 10mm. Max slump UNDER CHAIR. Air Face Water Face no† NOTE: WHERE POOL PARTIALLY ON ROCK SUSPEND THE REMAINDER 2300 MAX PIERS UNDER FLOOR @ 1500 MAX. CTS. PIERS UNDER WALLS @ 2300 MAX. CTRS. PIERS LONGER THAN 1000 TO BE REINFORCED WITH 6512 & R10-300 TIES. OF THE POOL ON 4500 MASS CONCRETE PIERS TO ROCKS. (THIS POOL IS NOT DESIGNED FOR DIVING) ALTERNATIVE SUPPORT INDICATIVE ONLY ENGINEER TO BE NOTIFIED WATER BOARD SEWER WATER SEWER IS ADJACENT TO OR UNDER POOL 150 1500 MAX MAX BOARD SEWER 600 MIN SAN DETAIL **EXTRA** 1500 MAX. 2512 EACH WAY 450Ø PIER DETAILS 150 ZONE OF INFLUENCE (FOR 300mm COPINGS COPING CORNER ELEVATION ON SECTIONS S12's AS NO EACH END) 2512 (C0G DETA OR SMALLER) SKIMMER DETAIL 300 HYDROSTATIC VALVE TED 1500 LONG -S12 BEYOND 2-S12 EXTRA Consulting Engineers Civil Structural St PROPOSED SWIMMING POOL FOR JOHN & CERIAN BRONDUM 277 LOWER PLATEAU RD, BILGOLA PLATEAU Swimming Pool Consultants & Partners, Pty. Ltd. Geoff Ninnes, Fong 400 ACN No. 001 849 289 MAIN DRAIN DETAIL 5/8 Victoria Avenue, Costle Hill 2154 Phone: 9680 2574, 9680 2668 Fax: 98994450 A.C.N. 003 069 903 Gold Licence No. 467230 SECTION 450 Drawn J.F Scale 1:50 1:20 1d3S area

2005

SUN0530/3

Level 1, 68-70 (rown Street, Woolloompoloo, N.S.W

Trading as

2512 7__

POOL REINF. TO COMPLY

WITH AS3000

1S12 ___

2512 7__

EARTHING OF

MAIN DRAIN

BLUEMETAL

20mm