

Construction Certificate Determination

issued under the Environmental
Planning and Assessment Act 1979
Section 109C (1) (b), 81A (2) and 81A (4)

Certificate No. 2005/500

Council	Pittwater
Determination date of determination	Approved 24 February 2005
Subject land Address Lot No, DP No.	13 Kuyora Place North Narrabeen NSW 2101 Lot 14 DP 240799
Applicant Name Address Contact No. (phone)	Mr B Winston 13 Kuyora Place North Narrabeen NSW 2101 9913 3577
Owner Name Address Contact No. (phone)	Mr Brett & Mrs Michelle Winston 13 Kuyora Place North Narrabeen NSW 2101 9913 3577
Description of Development Type of Work	Inground Swimming Pool
Builder or Owner/Builder Name Permit	Premier Pools Pty Ltd 34971
Value of Work Building	\$28,570.00
Attachments	1. Pittwater Council receipt no. 15945, dated 2 November 2004, for payment of Long Service Levy

**COUNCIL
COPY**

**Plans & Specification
approved**

List plans no(s) & specifications
Reference

1. **Site Plan & Structural Details**, reference no. SP0117, prepared and endorsed by Neilly Davies & Partners Pty Ltd, dated November 2004, endorsed by the appointed Geotechnical Engineer, dated 14 February 2005.
2. **Copy of Sydney Water approval** dated 2 February 2005
3. **Pool fencing detail** prepared by Premier Pools
4. **Completed Form 2** of Pittwater Council's Geotechnical Risk Management Policy, dated 28 January 2005

Certificate

I certify that the work if completed in accordance with these plans and specifications will comply with the requirements of S81A(5) of the Environmental Planning and Assessment Act 1979.

Signed



**Date of endorsement
Certificate No.**

**24 FEB 2005
2005/500**

Certifying Authority

Name of Accredited Certifier
Accreditation No.
Accreditation Authority

T Bowden
93
Dept of Infrastructure, Planning & Natural Resources
(NSW Accreditation Scheme)
(02) 9999 0003
13/90 Mona Vale Road, Mona Vale NSW 2103

Contact No.
Address

Development Consent

Development Application No.
Date of Determination

**NO807/04
9 December 2004**

BCA Classification

10b

Pittwater Council

ABN: 61340837871

REPRINTED

**TAX INVOICE
OFFICIAL RECEIPT**

ATTN: ANNA

02/11/2004 Receipt No: 154945

To PREMIER POOLS PTY LTD

PO BOX 173
LINDFIELD 2070

Qty/ Applic	Reference	Amount
	TOEV-DA Fees	\$257.86
GL Receipt	N0807/04 13 KUYORA PLACE	
1	TADV-T/Plan A	\$59.09
GL Receipt	1 X ADVERTISING	
	GST	\$5.91
GL Receipt		
1	EMIC-Rords Sc	\$25.00
GL Receipt	1 X SCANNING	
	GST	\$2.50
GL Receipt		
	QLSI-Builders	\$57.14
GL Receipt	LONG SERVICE LEVY	
1	HKER-RR Assur	\$180.00
GL Receipt	1 X ROAD RES INS.	
	GST	\$18.00
GL Receipt		
1	NOOP-Notif Dv	\$20.00
GL Receipt	1 X NOTIFICATION SIGN	
	GST	\$2.00
GL Receipt		
To GL Receipt:		

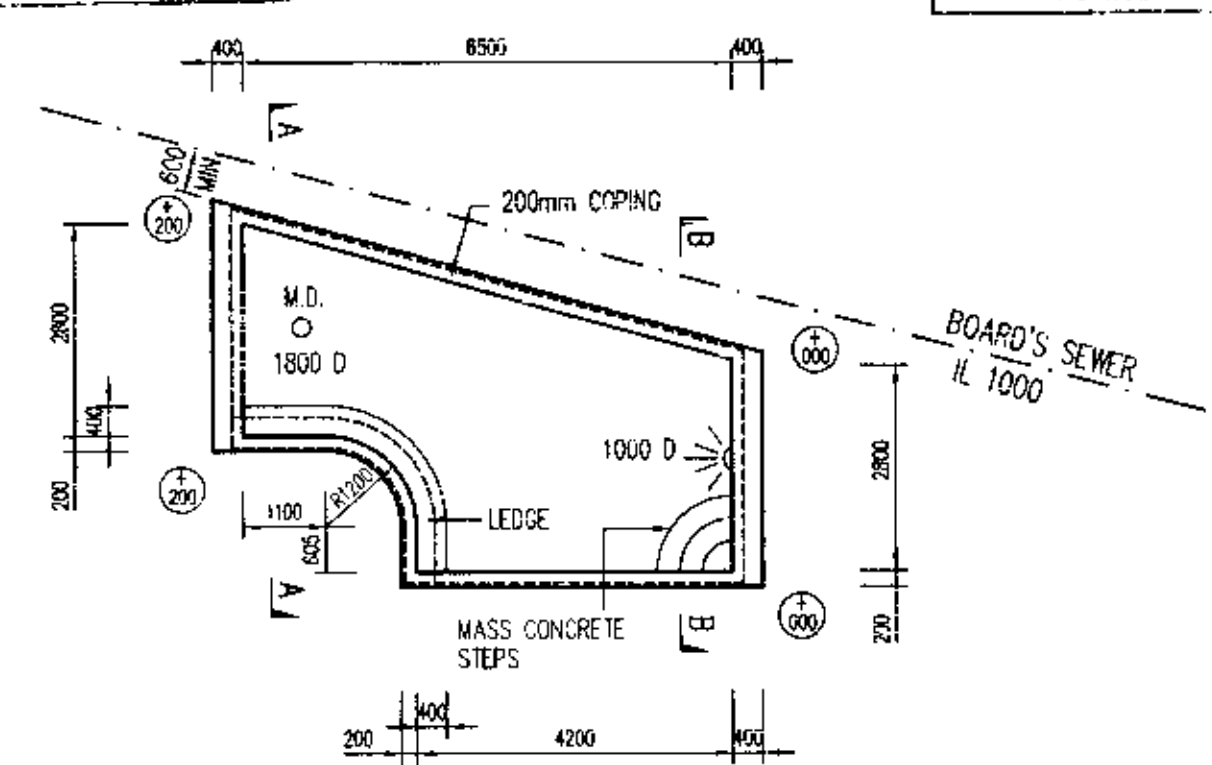
Total Amount: \$627.50
Includes GST of: \$28.41

Amounts Tendered

Cheque	\$627.50
Total	\$627.50
Rounding	\$0.00
Change	\$0.00
Nett	\$627.50

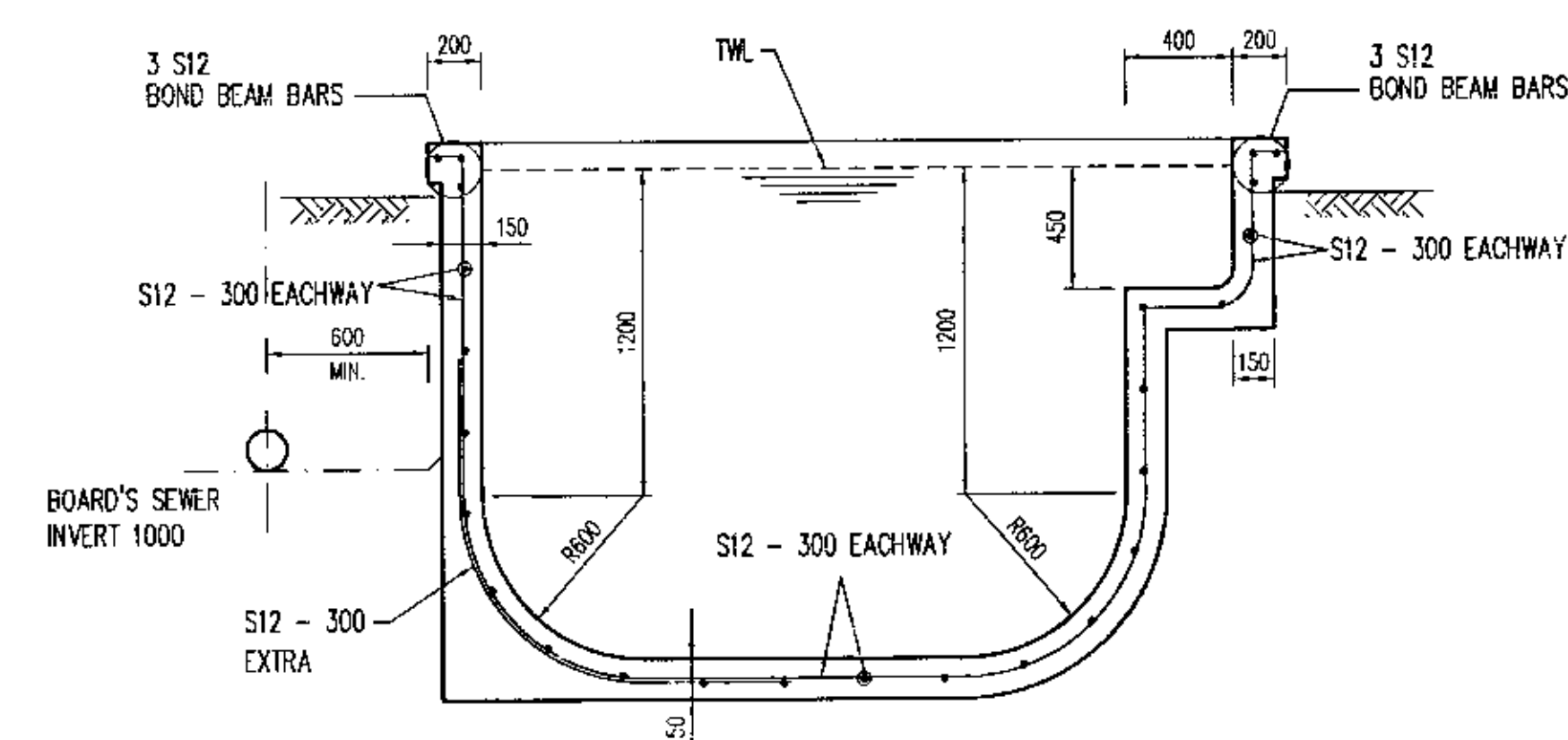
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NOTES FOR OWNERS

1. **POOL SET-OUT**
Pool set-out size, location and height is deemed to be acceptable to the owner unless the builder is advised otherwise. Such advice must be prior to placement of reinforcement.
2. **CURING CONCRETE**
After completing the pool shell is to be thoroughly wetted down twice daily for at least (7) days (ten (10) days in summer.)
3. **SAFETY FENCES**
Safety fencing is to be Council approved prior to the pool being filled.
4. **FILLING POOL**
Water to be prevented from seeping around during filling. DO NOT use rubber hoses.
5. **UNDERWATER LIGHTS**
Lights must be fully submerged during use.
6. **WALKWAYS AND COPINGS**
Walkways and copings are designed for a 2 kPa live load and are not designed to support masonry walls unless noted otherwise.
- SPECIFICATIONS**
1. All workmanship and materials to be in accordance with Australian Standard AS 2783.
2. Site Plan drawings are to water face UNO.
3. Dimensions shall not be obtained by scaling the details.
4. All levels and dimensions are relative to concrete coping level. Fixed datum represents the fixed coping height/level.
Approximate coping levels are represented as follows:
a) NGL +200 represents 200 mm above existing Natural Ground Level.
b) NGL -400 represents 400 mm below existing Natural Ground Level.
5. Provide fabric with matched pump and plumbing to manufacturers recommendations.
6. Supporting wall to be stable natural material with a min. safe bearing capacity of 100 kPa.
7. Advise Engineer if excavation fill or ground water is encountered. Provide temporary penetrations to floor slab if ground water level exceeds 300 mm above drain drainage layer.
8. The recreation basin is to be provided with an underdrain drainage layer as follows:
a) 75 mm blue metal drainage layer, or 50 mm thick layer with plastic over.
b) Compacted top shingle & macadam if over rock.
c) Plastic layer only if base is unlined or sand.
d) Main Drain pit is to be blue metal filled inspection of drainage layer type.
9. All reinforcement to be of Australian Standards in accordance with S.A.A. Standards.
S - Grade 235 structural grade rebar. R - Grade 230 plain grade rebar.
T - Grade 410 tempore grade bars. F - Grade 450 hot drawn wire fabric.
10. Reinforcing bars, unless noted otherwise, are to be topped 40 bar diameters min. fabric to be topped 400mm min. All laps should preferably be staggered.
11. All reinforcing to be securely supported by bar chairs at 1000 mm c/c.
12. Minimum concrete cover to reinforcement from closest concrete surface to be as follows:
Water face Slab Orientation: 65mm
Water face Slab Orientation: 85mm
Coping/Walkway orientation: 30mm
Rear face, formed: 40mm
Rough ground: 65mm.
13. Concrete to be premanually placed, have a min design strength of F_c 25 MPa at 28 days except:
a) Where structure located < 15m from large exposure of water - concrete design strength: F_c 32 MPa at 28 days.
b) Where structure is located in lake or splash zone of salt water - F_c 40 MPa at 28 days.
14. Upon completion of concreting the hydrostatic value is to be released & checked to ensure correct operation.



3 S12 BOND BEAM BARS

200

150

700

600 MIN.

S12 - 300 EACHWAY

MASS CONCRETE STEPS

S12 - 300 EACHWAY

150

BOARD'S SEWER INVERT 1000

SECTION B - B

1/25

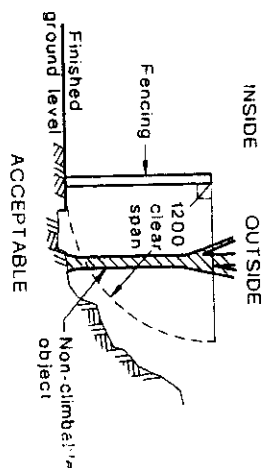
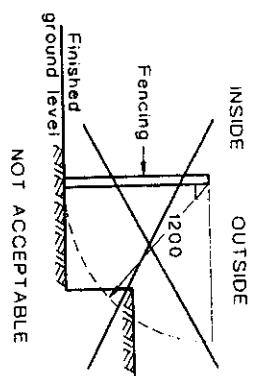
NOTE
ALL REINFORCEMENT TO BE S12 - 300 EACHWAY
UNLESS NOTED OTHERWISE

POOL SHELL TO BE 150mm THICK
UNLESS NOTED OTHERWISE

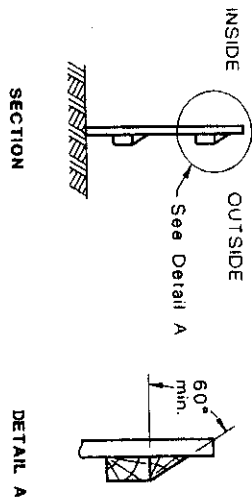
Neilly Davies & Partners Pty Ltd
Consulting Civil & Structural Engineers ABN: 27084944614
44 Hampden Road, Suite 405, Artarmon, NSW 2064
Tel: (02) 98848637 Fax: (02) 94198241
EMAIL: neillydavies@optusnet.com.au

BRETT WINSTON
13 KUYORA PLACE
NORTH NARRABEEN

				SWIMMING POOL DETAILS				CID FILE	
REVISION	DATE	DESCRIPTION	BY	CHECKED	DATE	SCALES	DRAWN	DWG No.	JOB No.
					NOV. '04	AS SHOWN	KA	1	SP0117



DIMENSIONS IN MILLIMETRES

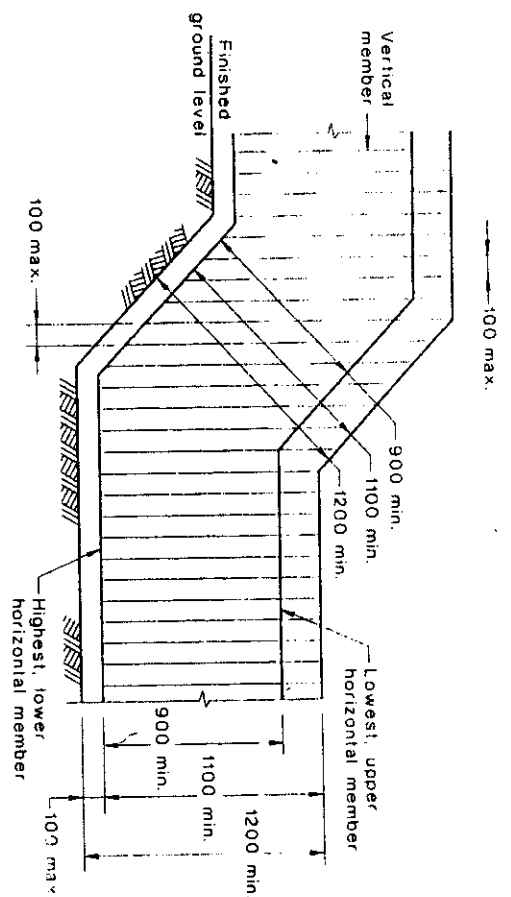


13 KUYORA PLACE, NORTH NARRABEEN

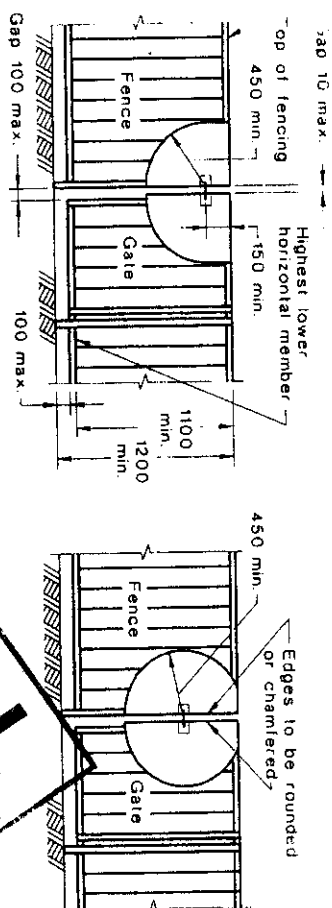
Premier Pools

Pauline Gold Thomas Jr. 1971

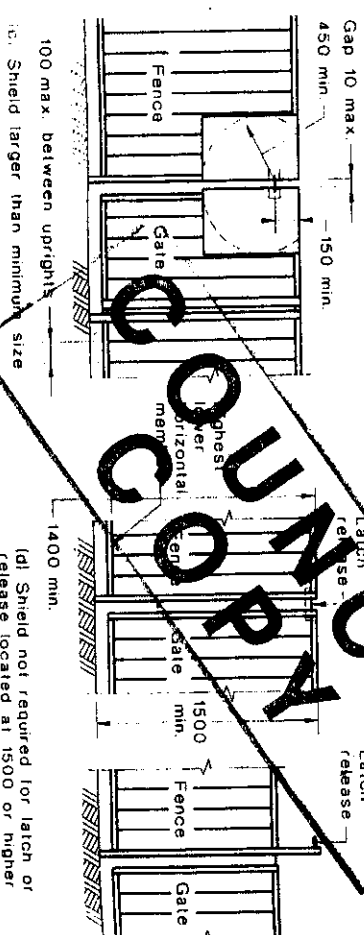
Premier Pools Pty Ltd A.C.N. 008 664048
8/303 Pacific Hwy Unit 101 NSW 2070



PERPENDICULAR FENCING DIMENSIONS ON SLOPING GROUND



LATCH POSITIONING AND SHIELDING REQUIREMENTS



100 max. between uprights. —
ic. Shield larger than minimum size

(d) Shield not required for latch or release located at 1500 or higher

GEOTECHNICAL RISK MANAGEMENT POLICY FOR PITTWATER
FORM NO. 2 – To be submitted with detailed design for construction certificate

Development Application for <u>BRETT WINSTON & MICHELE WINSTON</u>
Name of Applicant
Address of site <u>13 KUYORA PL, NCH NARRABEEN</u>

Declaration made by Structural or Civil Engineer in relation to the incorporation of the Geotechnical issues into the project design

I, JOHN DAVIES on behalf of HEILY DAVIES & PARTNERS.

(Insert name) (trading or company name)

on this the 28th JAN 2005

(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 Geotechnical Report for the above development

Geotechnical Report Details:

Report Title: <u>PROPOSED HOUSE ALTERATIONS.</u>
Report Date: <u>15.4.2002 & 19.10.2004</u>
Author: <u>PETER CROZIER.</u>

Structural Documents list:

<u>DRAWING No 1 JOB No SP017</u>

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 life of the structure taken as at least 100 years unless otherwise stated and justified.

JOHN DAVIES

(name)

John Davies

/ (signature)

Declaration made by Geotechnical Engineer or Engineering Geologist in relation to Structural Drawings

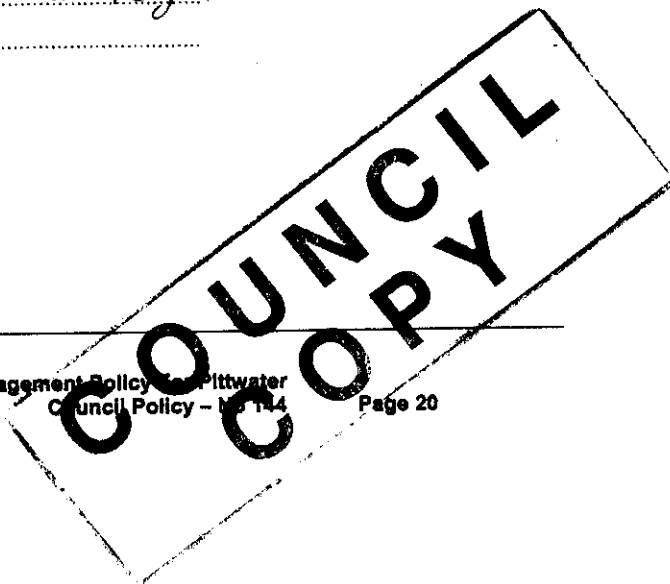
I prepared and/or technically verified the abovementioned Geotechnical Report as per Form 1 dated _____ and now certify that I have viewed the above listed structural documents prepared for the same development. I am satisfied that the recommendations given in the Geotechnical Report have been appropriately 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 Peter Crozier

Name Peter Crozier

Chartered Professional Status MIE Aust CP Eng NPER

Membership No. 691550



**SEWER AFFECTED
SYDNEY WATER SUPERVISION REQUIRED
OTHERWISE LETTER OF COMPLIANCE
WILL NOT BE ISSUED**

Swimming Pool Stamp

Permits are required to fill all new swimming pools with a capacity greater than 10,000L. Contact Sydney Water on 13 20 92 during business hours.

Fines of \$220 will apply for filling pools without a permit

SYDNEY WATER

FILLING OF SWIMMING POOLS

The water supply to the pool must be drawn from a metered service and any tap or hose used to fill the pool must be at least 150mm above the highest possible water level of the pool

EMPTYING OF SWIMMING POOLS

Pools emptying into Sydney Water's Sewer must;

- (a) discharge into a gully through a pipe.
- (b) discharge only in dry weather, with prior approval from Sydney Water's Regional Office.

NOTE: IT IS PROHIBITED TO DISCHARGE POOL WATER INTO ANY OF SYDNEY WATER'S VACUUM SYSTEMS SEWERS.

MANAGER
CUSTOMER CENTRE

Per. 3429434 2, 2, 05

SYDNEY WATER CORPORATION

SYDNEY WATER

^{POOL}
Proposed building is APPROVED for construction over/adjacent to Sydney Water's sewer provided

- 1. Foundations are below 1:1 zone of influence 0.6m
- 2. No part of the building or its foundations is less than horizontal distance from the centre-line of the sewer TO EDGE OF COPING *
- 3. Foundations are constructed in accordance with Engineers detail plans as submitted to and stamped by Sydney Water

NOTE: ABOVE CONDITIONS, AND ANY OTHERS, MUST HAVE SYDNEY WATER SUPERVISION OTHERWISE LETTER OF COMPLIANCE WILL NOT BE ISSUED

Supervision can be arranged by phoning Inspector on 9975-5204
between 8.30a.m. and 3.30 p.m. giving at least 48 HOURS NOTICE

See file. BAS 3429434

SYDNEY WATER CORPORATION

TECHNICAL SERVICES
CUSTOMER CENTRE

2, 2, 05

④ POOL BASE BELOW SEWERMAIN INVERT
AS PER STRUCTURAL DETAILS