



Pittwater Council

ABN 61 340 837 871

All Correspondence to be addressed to General Manager

Units 9, 11 & 12/ 5 Vuko Place
WARRIEWOOD NSW 2102
Avalon Customer Service Centre
59A Old Barrenjoey Road, AVALON 2107

Postal Address
P.O. Box 882
MONA VALE NSW 1660
DX 9018 MONA VALE

Telephone (02)9970 1111
Facsimile (02) 9970 7150
Internet www.pittwaterlga.com.au
Email: pittwater_council@pittwater.nsw.gov.au

Environmental Compliance
8am to 6pm Mon - Thurs, 8am to 5pm Fri
Phone 9970 1111

COPY

31 December 2003

JACQUELINE MAYNARD
120 McCarrs Creek Road
Church Point NSW 2105

Dear Sir/Madam

Re: Construction Certificate CC0632/03
Property: 120 MCCARRS CREEK ROAD CHURCH POINT NSW 2105

Please find enclosed your approved Construction Certificate and stamped plans.

Did you know that work is unable to commence until such time as a completed **Notification of Commencement Form** has been submitted to Council at least two (2) days prior to starting work? To assist you please find enclosed a Notification of Commencement Form and Information Sheet.

Council is committed to providing a quality service and would value your business in being appointed as the Principal Certifying Authority for your development.

An Officer will contact you in the next few days to discuss your development and help ensure your development progresses smoothly.

Yours faithfully

Development Compliance Group

Per: 



Pittwater Council

Construction Certificate No: CC0632/03

Site Details: 120 MCCARRS CREEK ROAD CHURCH POINT NSW 2105

Legal Description: Lot 1 DP 204970, LIC 318134

Type of Development: Building Work

Description: Installation of Inclined Lift

COPY

Associated Development Consent No: N0378/03 Dated: 11/08/2003

Building Code of Australia Certification: Class 10b

Details of plans, documents or Certificates to which this Certificate relates:

- **Architectural Plans** prepared by Hammond Smeallie & Co Pty Ltd, Ref. 10470, dated 12 March 2002.
- **Structural Engineering Details** prepared by Jack Hodgson Consultants Pty Ltd, Job No. 20805, Drawing No. 1A, dated 28 October 2003.
- **Geotechnical Risk Management Policy for Pittwater Form 2** prepared by J Hodgson dated 26 November 2003.
- **Balustrade and Privacy Screen Statement** prepared by Hillside Lifts Pty Ltd, Ref. 255PC, dated 14 November 2003.

I hereby certify that the above plans, documents or Certificates satisfy:

- The relevant provisions of the Building Code of Australia.
- The relevant conditions of Development Consent No: N0378/03

Further that the work, completed in accordance with the Building Code of Australia, all relevant Australian Standards and these plans and specifications, will comply with the requirements of Section 81A(5) of the Environmental Planning and Assessment (Amendment) Act, 1997.

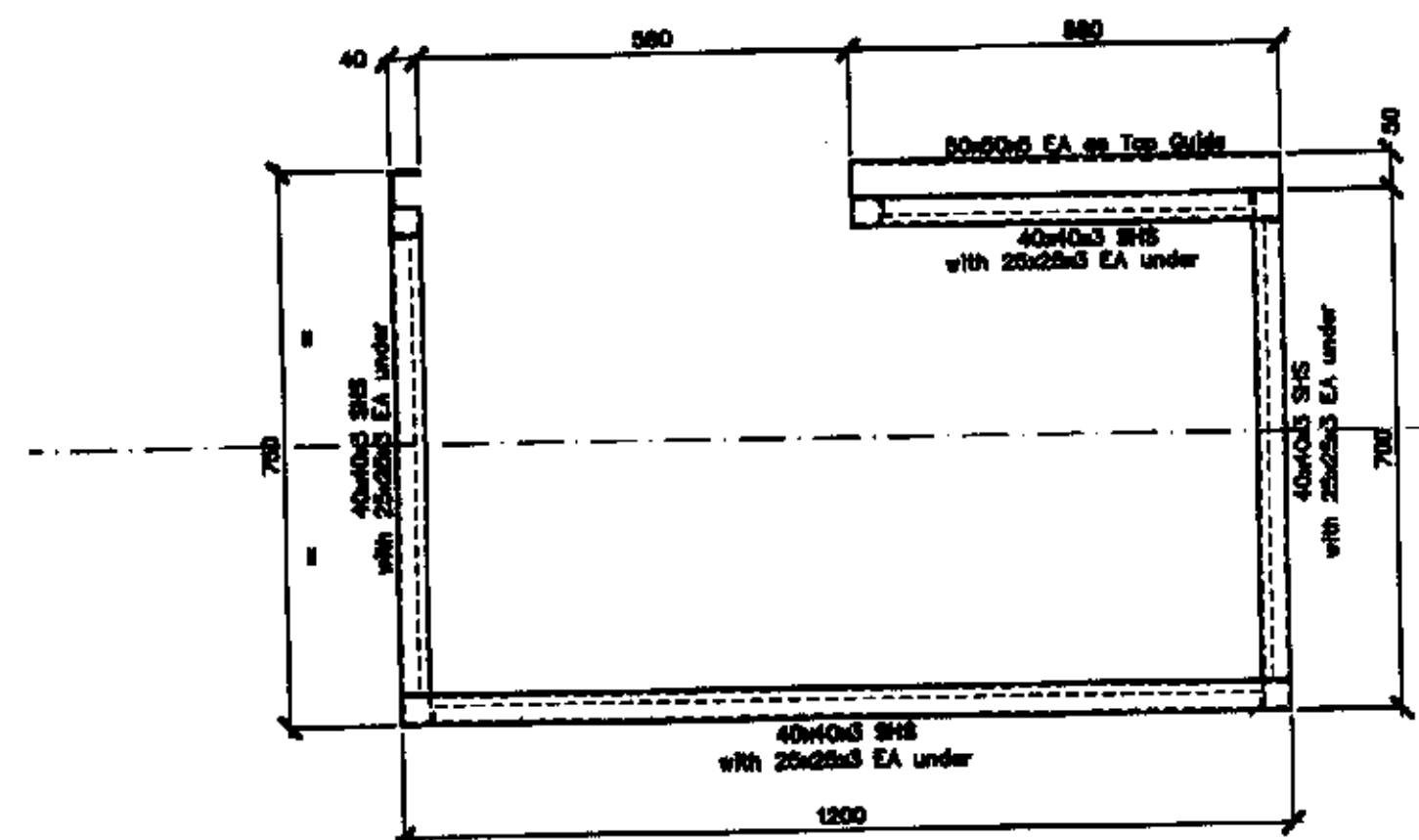


Darren Greenow
Development Compliance Group

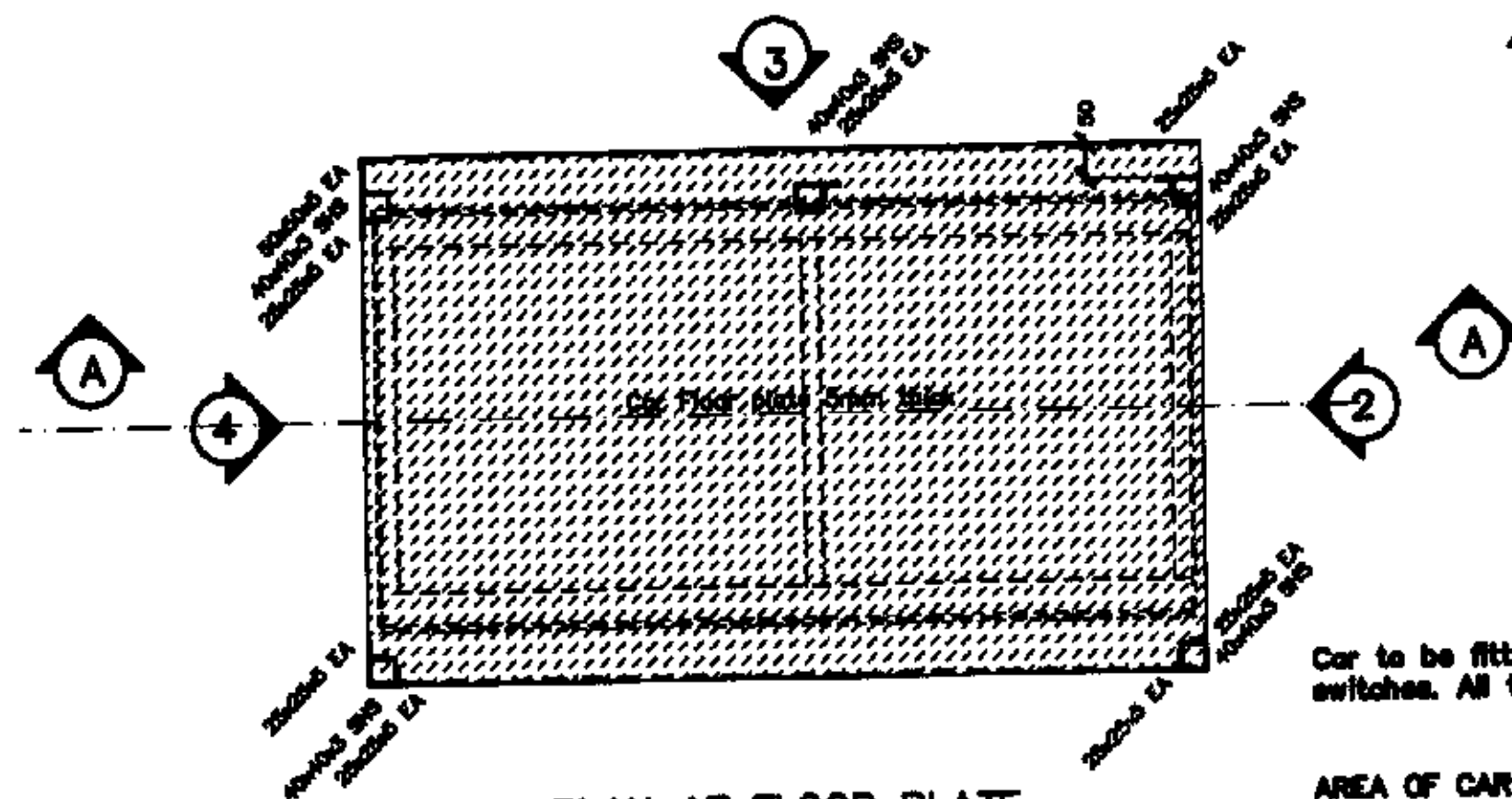
31 December 2003
Date of Endorsement

Note: You are reminded that pursuant to provisions of Clause 81A, you must nominate whether Council or an accredited certifier will be the principal certifying authority, also you must give notice to Council of your intention to commence work at least two days beforehand.

DATUM: A.H.D.	RED. RATIO: 1 : 100	DATE: 12TH MARCH 2002	REF. 10470
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PLAN AT RAILING

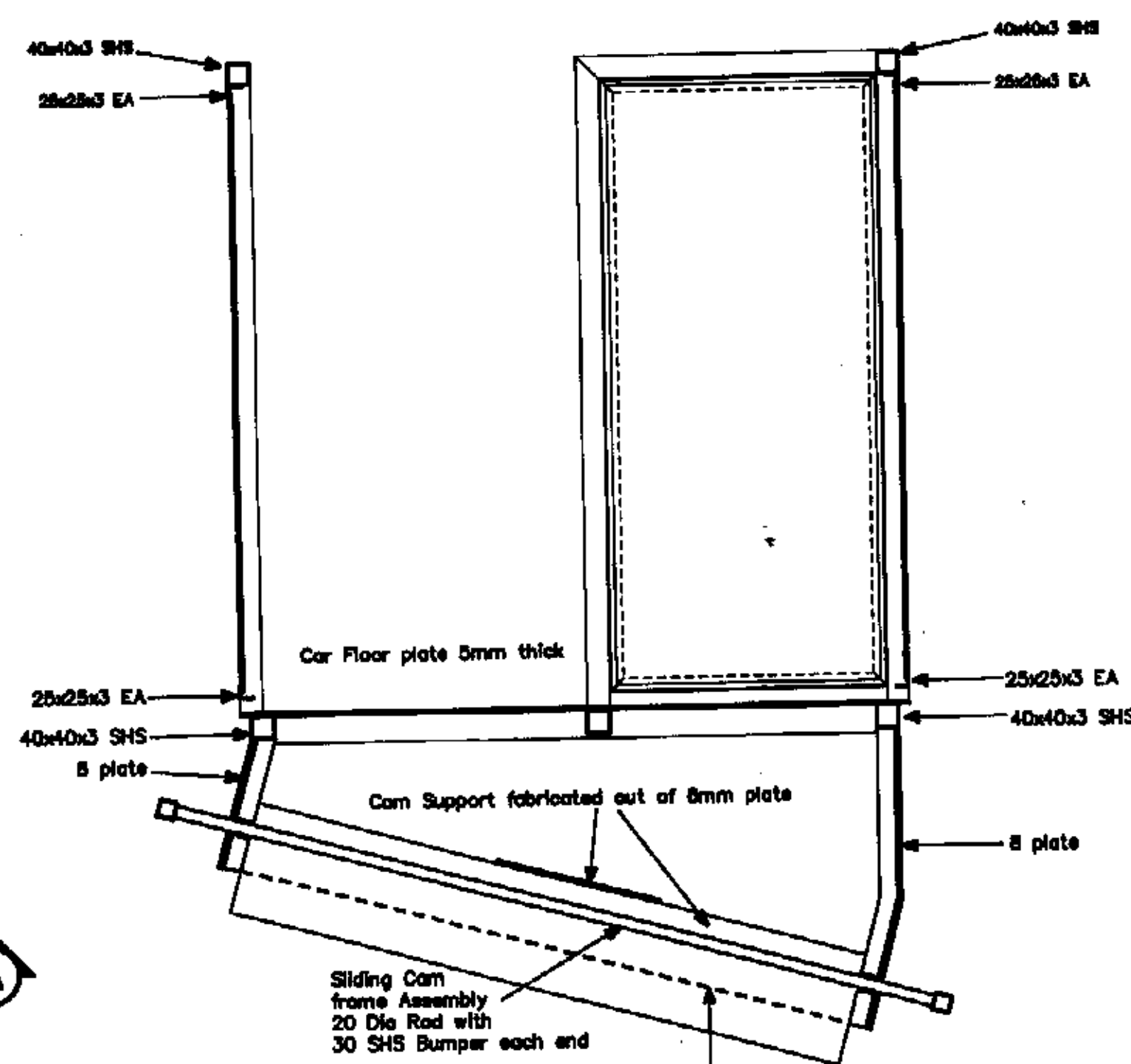


PLAN AT FLOOR PLATE

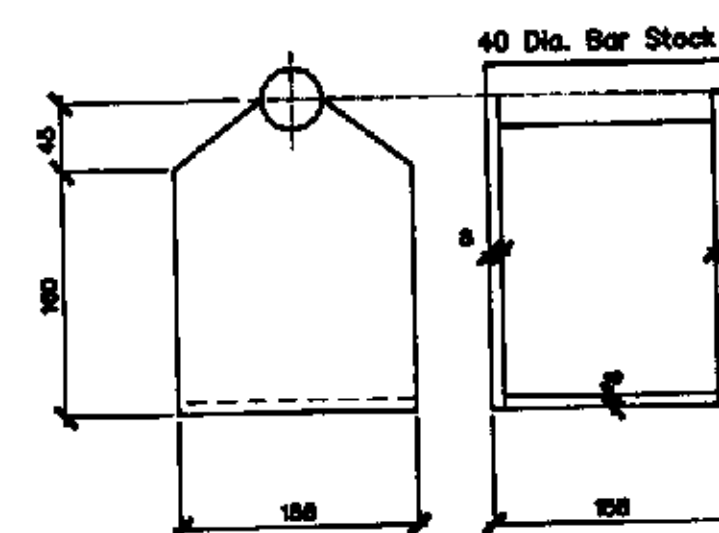
Car to be fitted with Controls and Safety switches. All to AS 1735.8

AREA OF CAR FLOOR
670 x 1120 = 0.75m²

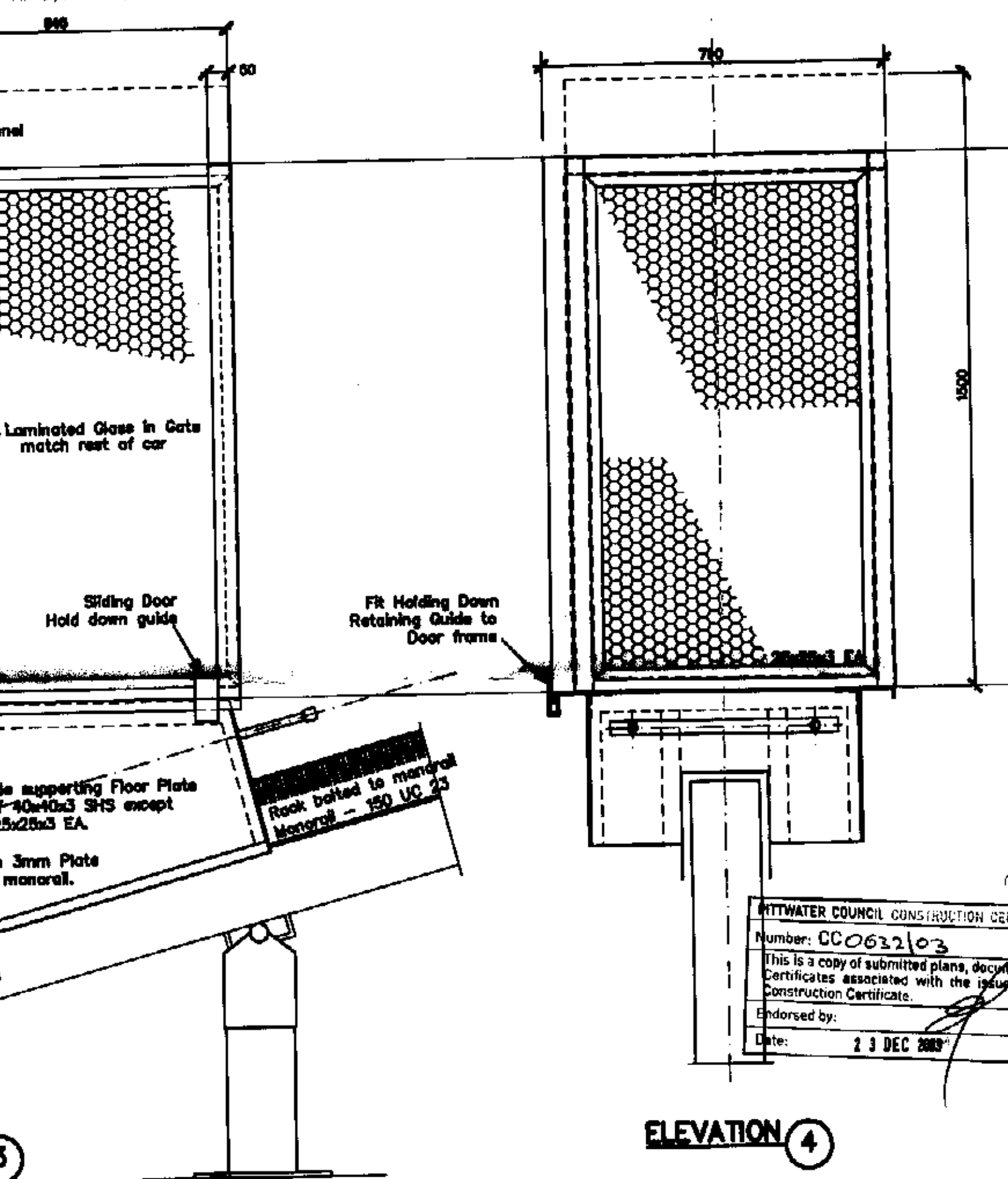
PLATFORM WIDTH / MONORAIL WIDTH
750 / 162 = 4.63



SECTION A



RAIL ANCHOR DETAIL 1:5



ELEVATION 1

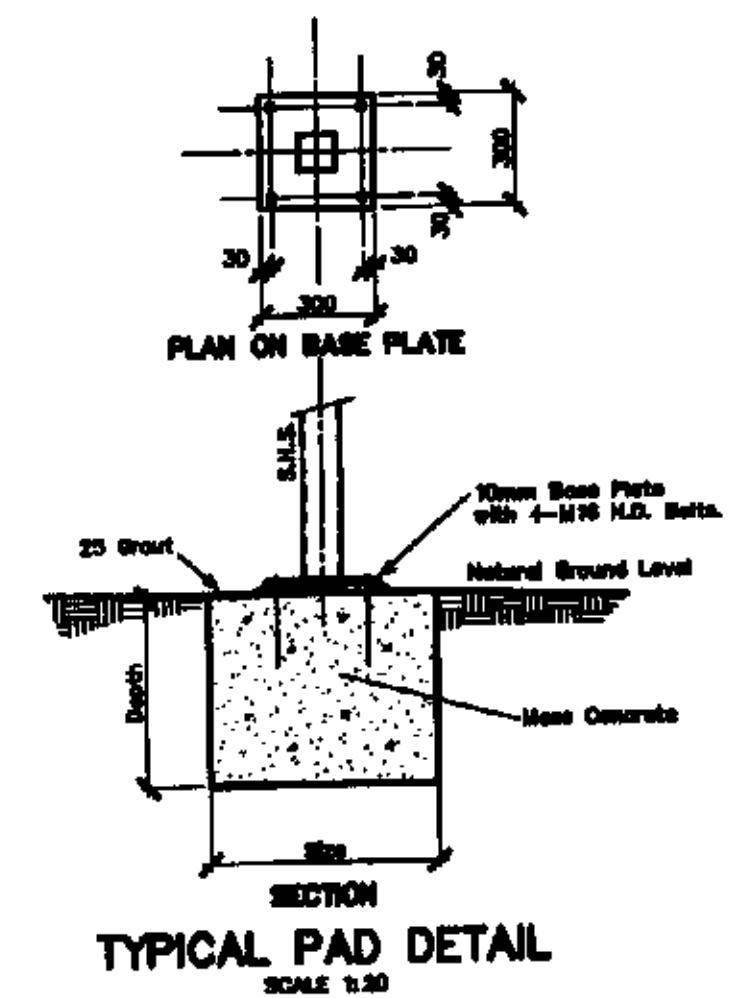
ELEVATION 2

ELEVATION 3

ELEVATION 4

FOOTING AND SUPPORT LAYOUT

FOOTING MARK	SUPPORT SIZE	FOOTING SIZE
P1	150UC30.0	800 x 800 x 500 Deep
P2	150UC30.0	800 x 800 x 400 Deep
P3	150UC30.0	800 x 800 x 600 Deep
P4	150UC30.0	800 x 800 x 500 Deep
P5	150UC30.0	800 x 800 x 600 Deep
P6	150UC30.0	900 x 900 x 800 Deep



TYPICAL PAD DETAIL

- CONCRETE NOTES:
- All concrete work to be in accordance with AS 3600.
 - $f_c = 40$ MPa for all external slabs & columns.
 $f_c = 25$ MPa for slabs, plates and beams.
 $f_c = 20$ MPa for block filling and footings.
 - Maximum aggregate size = 20 for footings, slabs & beams.
= 10 for block filling.
 - Slump = 80.
 - All concrete, including block filling, to be vibrated.
 - Slabs to be kept damp for at least 14 days after placing or to be protected by an approved curing membrane.
 - Bar Chairs to be no more than 80mm clear to air spacing.
 - Reinforcing Steel to comply with AS/NZS 4671:2001, and to be D500H unless noted otherwise. (where 800 = strength grade in megapascals & N = Normal ductility class)
 - Reinforcement to be tied at every other intersection minimum.

- STEELWORK NOTES:
- Fabricate and erect all structural steelwork in accordance with AS 4100, AS 1554 and the Specification.
 - Do not obtain dimensions by scaling the structural elements.
 - Chip all welds free of slag.
 - All steelwork to be Hot Dipped Galvanised. Unless Otherwise noted.
 - Unless otherwise noted use:
a) 8mm continuous fillet weld
b) 10mm thick gusset, fin and end plates, weld all round.
c) 16mm dia. 4.6/s bolts
 - Minimum end bearing 150mm.

PLAN OR DOCUMENT CERTIFICATION

I am a qualified CIVIL, GEOTECHNICAL & STRUCTURAL ENGINEER...

I hold the following qualifications or licence No. M.Eng.Sc.

F.I.E. Aust. Nper.3. Struct. Civil No. 146788

Further I am appropriately qualified to certify this component of the project.

I hereby state that these plans or details comply with the conditions of development consent, the provisions of the Building Code of Australia, A.S.1170.1, A.S.1170.2, A.S.1170.3, A.S.1170.4, A.S.1170.5, A.S.1170.6, A.S.1170.7, A.S.1170.8, A.S.1170.9, A.S.1170.10, A.S.1170.11, A.S.1170.12, A.S.1170.13, A.S.1170.14, A.S.1170.15, A.S.1170.16, A.S.1170.17, A.S.1170.18, A.S.1170.19, A.S.1170.20, A.S.1170.21, A.S.1170.22, A.S.1170.23, A.S.1170.24, A.S.1170.25, A.S.1170.26, A.S.1170.27, A.S.1170.28, A.S.1170.29, A.S.1170.30, A.S.1170.31, A.S.1170.32, A.S.1170.33, A.S.1170.34, A.S.1170.35, A.S.1170.36, A.S.1170.37, A.S.1170.38, A.S.1170.39, A.S.1170.40, A.S.1170.41, A.S.1170.42, A.S.1170.43, A.S.1170.44, A.S.1170.45, A.S.1170.46, A.S.1170.47, A.S.1170.48, A.S.1170.49, A.S.1170.50, A.S.1170.51, A.S.1170.52, A.S.1170.53, A.S.1170.54, A.S.1170.55, A.S.1170.56, A.S.1170.57, A.S.1170.58, A.S.1170.59, A.S.1170.60, A.S.1170.61, A.S.1170.62, A.S.1170.63, A.S.1170.64, A.S.1170.65, A.S.1170.66, 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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 Jacqueline Maynard
Name of Applicant
 Address of site 120 McCams Creek Road Church Point

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

I, J HODGSON on behalf of Jack Hodgson Consultants Pty Limited
(insert name) (trading or company name)

on this the 26-11-03
(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: Risk Analysis & Risk Management for Proposed Inclined Lift at
 Report Date: 4-6-03 120 McCams Creek Road Church Point
 Author: J HODGSON

Structural Documents list:

20805-1A

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.

J HODGSON
(name)

J Hodgson
(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.

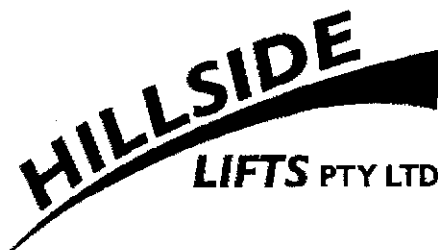
Signature J Hodgson

Name J HODGSON

Chartered Professional Status MEMBER, F.I.E. Aust

Membership No. 149788

PITTWATER COUNCIL CONSTRUCTION CERTIFICATE	
Number:	<u>CC 0632/03</u>
This is a copy of submitted plans, documents or Certificates associated with the issue of the Construction Certificate.	
Endorsed by:	<u>[Signature]</u>
Date:	<u>31 DEC 2003</u>



Pittwater Council
P O Box 882
MONA VALE NSW 1660

14th November, 2003

ATT ; Renee Turner (DCO)

Ref : 255PC

RE : CONSTRUCTION CERTIFICATE APPLICATION N0378 / 03
FOR 120 McCARRS CREEK RD. CHURCH POINT

Dear Madam,

Further to your request for information of 11th November 2003, relating to 'balustrading / railing' of the lift car for the above installation;

We hereby confirm that the lift enclosure consists of laminated glass panels fixed into an aluminium frame to a height of 1150mm - apart from the door opening - which is a sliding mechanism of the same configuration.

The lift will thereby conform to AS1735.8 - Inclined Lifts.

In addition, as requested by Council, one side of the lift car will be 1500mm high - acting as a privacy screen to neighbouring property.

Trusting the above meets with your requirements, however do not hesitate to contact the undersigned with any queries.

Yours Faithfully,

for HILLSIDE LIFTS P/L

PETER DELOHERY

PITTWATER COUNCIL CONSTRUCTION CERTIFICATE	
Number:	CC 0832/03
This is a copy of submitted plans, documents or Certificates associated with the issue of the Construction Certificate.	
Endorsed by:	
Date:	31 DEC 2003