INsight development consultants pty ltd
accredited building certifiers & development managers

CONSTRUCTION CERTIFICATE

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

R/142935 $30.00

COUNCIL: Pittwater **CONSTRUCTION CERTIFICATE: 2004/135**

APPLICANT

Name	**Pittwater Council**
Address	**PO Box 882, Mona Vale NSW 1660**
Contact No: (telephone/fax)	**9970 1370**

OWNER

Name	**Pittwater Council**
Address	**PO Box 882, Mona Vale NSW 1660**
Contact No: (telephone/fax)	**9970 1370**

SUBJECT LAND

Address	**Mona Vale Village Park** **1 Park Street, Mona Vale**
Lot No: **100**	DP: **1047405**

DESCRIPTION OF DEVELOPMENT

Type of Work	☑ Building work	☐ Subdivision work
Description	**New awning and foyer refurbishment to Mona Vale Memorial Hall**	

Insight Development Consultants Pty Limited

COUNCIL COPY

P.O. Box 326 Mona Vale NSW 1660 **ph: 9999 0003** fax: 9889 4771 **mbl: 0414 579 341**
Suite 5, Heron Cove Marina, End of Queens Parade West, Newport NSW 2106
email: ins.dev@bigpond.net.au **ABN** 38 089 727 346

DEVELOPMENT CONSENT

Development Consent No:	**NO 051/04**
Date of Determination	**2 March 2004**

BUILDING CODE OF AUSTRALIA

Building Classification	**10a**

BUILDER or OWNER/BUILDER

Contractor License No./Permit No. in case of Owner Builder	**Moore Building and Construction Services Pty Ltd No: 41563**

$ VALUE OF WORK

Building/Subdivision	**$40,000.00**

DATE C.C APPLICATION RECEIVED

Date Received	**25 May 2004**

DETERMINATION

Decision	**Approved**
Date of Decision	**31 May 2004**

ATTACHMENTS **Fire Safety Schedule**

PLANS AND SPECIFICATIONS APPROVED/REFUSED
List plan no(s) and specifications Reference

1. **Architectural Details, Reference No. 0401 Drawing No's DA – 01(A), 02(A), 03(A), prepared by Sean Gartner Architects, dated January 2004.**
2. **Structural Details, Reference No. 040240, Drawing No's: S01, S02, S03, S04 & S05, prepared by Northern Beaches Consulting Engineers Pty Ltd, dated March 2004.**

RIGHT OF APPEAL

under S109K where the Certifying Authority is a Council an applicant may appeal to the Land and Environmental Court against the refusal to issue a Construction Certificate within 12 months from the date of the decision.

CERTIFICATE

Certificate Final

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.

CERTIFYING AUTHORITY

Name of Certifying Authority	Insight Development Consultants Pty. Limited
Name of Accredited Certifier	Tom Bowden
Registration No	93
Contact No	(02) 9999 0003
Address	7 Kingsford Avenue, Eastwood NSW 2122
SIGNED	TBowden
DATE	31 MAY 2004

Pittwater Council

ABN: 61340837871

TAX INVOICE

OFFICIAL RECEIPT

31/05/2004 Receipt No 142935

R/142935

To Insight Development P/L

Mona Vale Village Park
1 Park Street
Mona Vale

Qty/ Applic	Reference	Amount
1	RMIC-Rcrd	$27.27
GL Rec	1 x N0051/04	
	GST	$2.73
GL Rec		
To GL	Receipt:	

Total Amount:	$30.00
Includes GST of:	$2.73

Amounts Tendered

Cheque	$30.00
Total	$30.00
Rounding	$0.00
Change	$0.00
Nett	$30.00

Printed 31/05/2004 5:00:21 PM

Cashier CLummas

$30.00

FIRE SAFETY SCHEDULE

Development Application No. 051/04

Property Address: Mona Vale Village Park – 1 Park Street, Mona Vale
Description: Refurbishment to Mona Vale Memorial Hall

Service Currently Installed/Service Required	Standard	BCA Clause(s)
Automatic fire detection and alarm systems	AS1670-1995; AS 1603	Spec E2.2a
Emergency lighting	AS/NZS 2293.1 – 1998	E4.4
Exit Signs	AS/NZS 2293.1 – 1998	E4.8
Fire hydrant systems	AS 2419.1 – 1994	E1.3
Hose reel systems	AS 2441 - 1998	E1.4
Portable fire extinguishers & fire blankets	AS 2444 - 1995	E1.6

Notes:

1. On completion of the building work the owner must furnish the Principal Certifying authority with a Fire Safety Certificate that states that each essential fire safety measure specified in the current fire safety schedule to which the Certificate relates:
   a. has been assessed by a properly qualified person, and
   b. was found, when it was assessed, to be capable of performing to a standard not less than that required by the current fire safety schedule for the building for which the certificate is issued.

2. The assessment must have been carried out within the period of three (3) months prior to the date on which the final fire safety certificate was issued.

3. The choice of person to carry out the assessment is up to the owner of the building.

4. The person who carried out the assessment:
   a. must inspect and verify the performance of each fire safety measure being assessed, and
   b. must test the operation of each new item of equipment installed in the building premises that is included in the current fire safety schedule for the building.

5. As soon as practicable after a final fire safety certificate is issued, the owner of the building to which it relates:
   a. must cause a copy of the certificate (together with a copy of the current fire safety schedule) to be given to the Commissioner of New South Wales Fire Brigades, and
   b. must cause a further copy of the certificate (together with a copy of the current fire safety schedule) to be prominently displayed in the building.

6. a. Each year, the owner of a building to which an essential fire safety measure is applicable must cause the Council to be given an annual fire safety statement for the building.
   b. An annual fire safety statement for a building:
      i. must deal with each essential fire safety measure in the building premises, and
      ii. must be given:
         - within twelve (12) months after the last such statement was given, or
         - if not such statement has previously been given, within twelve (12) months after a final fire safety certificate was first issued for the building.
   c. As soon as practicable after an annual fire safety statement is issued, the owner of the building to which it relates:
      i. must cause a copy of the statement (together with a copy of the current fire safety schedule) to be given to the Commissioner of New South Wales Fire Brigades, and
      ii. must cause a further copy of the statement (together with a copy of the current fire safety schedule) to be prominently displayed in the building.
   d. Subclause (3)(b) ceases to apply to an annual fire safety statement only when every essential fire safety measure with which it deals has become the subject of a later fire safety certificate for fire safety statement.

Dated: 31 MAY 2004

Signed: .....

GENERAL NOTES:

GENERAL

G1. The drawings are to be read together with all Architects drawings and specifications.

G2. Dimensions shall not be obtained by scaling from the drawings. All setting out dimensions shall be verified and discrepancies shall be referred to the Engineer prior to commencement of work.

G3. Care is required during construction so that structural elements are not over stressed and that the works and excavations required therefore are kept stable at all times.

G4. Design, materials and workmanship are to be in accordance with current S.A.A standards and statutory authority regulations except where varied by these documents.

G5. Design live loads are in accordance with AS 1170.1

FOOTINGS

F1. Foundation strata is assumed for design purposes in accordance with AS 2870. See footnote. Classification to be verified by a Geotechnical Engineer commissioned by the client if certification of foundation is required.

F2. Footings to be constructed and back filled as soon as possible following excavation to avoid softening by rain or drying out by exposure.

F3. Footings must bear into undisturbed natural ground clear of organic material. Refer to details.

F4. If rock or variable bearing strata is encountered during excavation of the footings all footings/piers are to be excavated to similar material of greater bearing capacity.
The Engineer is to be contacted at that time for approval or review.

F5. Footings to be cast in approved material having an allowable capacity as follows:

Sand Foundations:

SA1. Required bearing capacity 100 kPa.
SA2. Trenches must be cleaned of all debris and hand compacted prior to placement of reinforcement.

Clay Foundations:

CL1. Required bearing capacity 150 kPa.
CL2. Trenches must be cleaned of all debris. Soft spots must be cut out and filled as per compacted fill notes, prior to placement of reinforcement.

Shale Foundations:

SH1. Required bearing capacity 400 kPa.
SH2. Excavation for footings into shale must be cast or capped with plain concrete on the same day as excavation.

Sandstone Foundations:

SS1. Required bearing capacity 650 kPa.
SS2. Scrape weathered surface to remove cleaved sandstone under footings.

Refer adjacent for assumed Design bearing strata.

CONCRETE

C1. All workmanship and materials shall be in accordance with AS 3600.

C2. Concrete quality shall be as follows and shall be verified by tests.

C3. All concrete unless otherwise noted shall have a slump of 80mm at point of placement, a max. aggregate size of 20 mm, and a min. cement content of 280 kg/cubic metre. No water shall be added to the mix prior to or during placement of concrete. Strength as specified on plans.

C4. Clear concrete cover to reinforcement shall be as follows unless otherwise shown-

ELEMENT	INTERIOR	EXTERIOR	EXTERIOR CAST AGAINST GROUND
FOOTINGS	-	-	50
COLUMNS/PEDESTALS	30 UNO	REFER TO PLAN	-
SLABS/WALLS	25	REFER TO PLAN	40 ON MEMBRANE
BEAMS	25 UNO	REFER TO PLAN	50
BLOCKWORK	55 FROM APPROPRIATE FACE		

C5. Sizes of concrete elements do not include thickness of applied finishes.

C6. All Construction Joints locations shall be approved by the Structural Engineer.

C7. Beam depths are written first and include slab thickness, if any.

C8. No holes or chases other than those shown on the structural drawings shall be made in concrete elements without the prior approval of the engineer.

C9. Shrinkage reducing admixtures such as 'Eclipse' or approved equivalent, if specified, must be added to mix prior to pour.

C10. Water reducing agents, if specified, must be added to mix prior to pour. No extra water is to be added to increase slump.

C11. Where vertical slab/beam surfaces are formed against a masonry (or other) wall, provide 10 mm styrene separation material.

C12. Water must not be added to concrete mix prior to placement of concrete.

C13. Above covers may have to be adjusted if fire rating is a requirement.

REINFORCEMENT

R1. All reinforcement specified is Grade D500 unless noted otherwise.

R2. Reinforcement is represented diagrammatically it is not necessarily shown in true projection.

R3. Top reinforcement is to be continuous over supports.
Bottom reinforcement to be lapped at supports.

R4. Welding of reinforcement shall not be permitted unless shown on the structural drawings.

R5. Pipes or conduits shall not be placed within the zone of concrete cover to the reinforcement without the approval of the engineer.

R6. All reinforcing bars and fabric shall comply with AS 4671-2001.

R7. Reinforcement symbols:
N - Grade 500N deformed bar (D500) Normal Ductility
R - Grade 250N plain round bar (R250) Normal Ductility.
SL - Grade 500L welded deformed ribbed mesh (D500) Square Low Ductility.
RL - Grade 500L welded deformed ribbed mesh (D500) Rectangular Low Ductility.
The number immediately following these symbols is the number of millimeters in the bar diameter.
Example : 8 N12-250
Denotes 8, Grade 500N deformed bars, 12 mm diameter at 250 cts.

R8. Fabric reinforcement to be lapped 1 complete square + 25 mm unless noted otherwise.

R9. All reinforcement shall be firmly supported on bar chairs spaced at a maximum of 750 centres both ways under rod and fabric reinforcement. Reinforcement shall be tied at alternate intersections.

FORMWORK

FW1. Formwork must be cleaned of all debris prior to casting of concrete.

FW2. Minimum stripping times for form work shall be as recommended in AS 1509 or as directed by the engineer.

FW3. The finished concrete shall be a dense homogeneous mass, completely filling the form work, thoroughly embedding the reinforcement and free of stone pockets. All concrete elements including slabs on ground and footings shall be compacted with mechanical vibrators.

FW4. Curing of all concrete is to be achieved by keeping surfaces continuously wet for a period of 3 days, followed by prevention of loss of moisture for seven days followed by a gradual drying out . Approved sprayed on curing compounds may be used where no floor finishes are proposed. Polythene sheeting or wet hessian may be used if protected from wind and traffic.

BRICKWORK

BR1. Brickwork is to be constructed to AS 3700.

BR2. Two layers of approved greased metal based slip material shall be used over all load bearing walls that support concrete slabs and placed on smooth brickwork or trowelled mortar finish. Non load-bearing walls shall have 10 mm compressible material and ties to the slab soffit.

BR3. No brickwork shall be constructed on suspended slabs until all propping has been removed from the underside of the slab and the concrete has the specified 28 day cylinder strength verified by tests.

BR4. Control joints to be placed at a maximum of 8m centres or in accordance with AS 3700.

BR5. Exposure grade bricks to be used below damp proof course.

BR6. Vertical control joint material where specified on plan between slabs and brick walls shall be: 10 mm Spandex External UNO.
Bitumastic fibreboard internal UNO.

BR7. Provide stainless steel wall ties below DPC to AS 3700. Provide galvanized wall ties above DPC to AS 3700 & Local Council Specifications.

BLOCKWORK

BL1. Concrete blocks shall have a minimum compressive strength of 15 MPa and conform to AS 1500.
Masonry to be constructed to AS 3700.

BL2. Where cores of hollow blocks are to be filled, properly compacted 20MPa concrete with 10 mm aggregate and 230 mm slump shall be used. Clean out openings must be utilized for all cores.

BL3. Location of actual starters is critical to suit block cores, allow 55 mm cover from the outside face of blockwork. All reinforcement lap lengths to conform to AS 3600.

BL4. Control joints to be placed at a maximum of 8 m centres or in accordance with AS 3700.

BL5. Vertical control joint material where specified on plan between slabs and brick walls shall be: 10 mm Spandex External UNO.
Bitumastic fibreboard internal UNO.

BL6. Retaining walls or any reinforced and concrete core filled block walls to be of Double 'U' Block Construction.

BL7. No blockwork shall be constructed on suspended slabs until all propping has been removed from the underside of the slab and the concrete has the specified 28 day cylinder strength verified by tests. unless approved by the Structural Engineer.

BL8. Max. pour height for unrestrained blockwork is 2000.

STEEL

S1. All Structural steelwork to be Grade 300 or greater.
Design, fabrication and erection to be in accordance with AS 4100.

S2. Materials and workmanship shall comply with AS 1250 - 1981, SAA Steel Structures Code and the specification for Structural Steel.

S3. Rolled steel sections including steel plates shall comply with AS 3678 - 1990.

S4. Cold formed steel sections shall be Grade 450 Zinc coated in accordance with AS 1538-1988.

S5. Welded and seamless steel hollow sections shall comply with AS 1163. Grade 350.

S6. Bolt Designation:
4.6S - Commercial bolts Grade 4.6, snug tightened.
8.8S - High Strength structural bolts Grade 8.8, snug tightened.
8.8TB - High Strength structural bolts Grade 8.8, fully tightened to AS 1511 and acting as a Bearing Joint.
8.8TF - High Strength structural bolts Grade 8.8, fully tensioned to AS 1511 and acting as a Bearing Joint.
Unless noted otherwise, all bolts will be 8.8S.

S7. Unless shown otherwise, minimum connection shall be 2M16 bolts, 10 thick gusset plates, 6mm continuous fillet welds.

S8. Load indicating washers shall be used in all fully tensioned joints. (8.8TF & 8.8TB).

S9. All welding shall be carried out in accordance with AS 1554 SAA Structural Steel Welding Code.

S10. Unless noted otherwise all welds shall be category SP using E41xx Electrodes. All butt welds shall be complete penetration butt welds category SP.

S11. Grouting of anchor bolt sleeves and base plates shall be completed by the contractor using High Strength, Non-Shrink grout.

S12. Fabrication and erection tolerances for Structural Steelwork shall be in accordance with AS 4100.

S13. Purlin bolts shall be M12 - 4.6S galvanised.

S14. Steel work shall have one of the following grades of corrosion protection:-
INTERNAL

a. Thoroughly cleaned wire brushing, followed by two coats of zinc phosphate primer equivalent to Dulux Luxaprime applied by hand using brushes to achieve a total dry film thickness of 70 microns.

EXTERNAL ELEMENTS, & ELEMENTS WITHIN EITHER SKIN OF EXTERNAL CAVITY WALLS

b. Preparation Blast clean to a minimum standard Class 2.5 in accordance with AS 1627 Part 4.
Primer 2-pack epoxy phosphate at dft 75 microns (Dulux Durepon P14).
Barrier Coat 2-pack epoxy micaeous iron oxide, dft 100 microns
Finish Coat 2-pack epoxy high gloss acrylic to dft 75 microns (e.g. Dulux Acrathane 1 F) in an approved colour.

c. Hot dipped galvanized to AS 4680.
Where galvanized coating is broken on site make good with two coats of zinc rich epoxy primer equivalent to Dulux Zinc anode 202 or Hot Metal Spray in accordance with AS 4680.

S15. Workshop drawings shall be prepared and two copies submitted to the engineer for review prior to fabrication commencement.

TIMBER

T1. All workmanship and materials to be in accordance with AS 1684 and AS 1720. All soft wood to be Grade F7 unless noted otherwise. All hardwood to be minimum Grade F14 unless otherwise noted. Exposed timber to be CCA treated (to AS 1604) redried after full impregnation, or durability class 1 or 2.

T2. All joists deeper than 150 to have blocking over support bearers and at a maximum 3000 centres.

T3. Roof trusses to be designed by the manufacturer to the relevant standards. Pre camber to be an amount equal to dead load deflection u.n.o.

T4. All holes for bolts to be exact size. Washers to be used under all heads and nuts and to be at least 2.5 times the bolt diameter. Bolts to be M16 grade 4.6 unless noted otherwise.

T5. Treat all exposed cut ends with Reseal by Protim to manufacturers specification to achieve required Hazard Level Exposure Classification.

T6. Battens for T & G to be Kiln Dried to 12 %.
38mm minimum deep treated pine or as recommended by supplier.
Flooring to be installed no sooner than 28 days after slab pour.

T7. Hot dip galvanized nails/clouts/screws to be used with all timber connections.

T8. Continuous nailing must not be used for any timber connections.

COMPACTED FILL

CF1. Only to be used with approval Engineer & to be certified by a geotechnical Engineer.

CF2. Clear organic material and topsoil under proposed slabs/footings.

CF3. Filling shall be granular material compacted in not more 200 mm layers to a minimum dry density ratio (AS 1289/E4.2 1982) of 98 percent.

CF4. During clearing and excavation for slabs and footings cut out soft spots and fill as above.

INSPECTIONS BY ENGINEER

24 HOURS NOTICE IS REQUIRED BEFORE ANY SITE INSPECTION

1. Bearing strata of all footings prior to concrete pour.
2. Any reinforcement prior to concrete pour.
3. Timber and Steel framing prior to cladding or lining.
4. Steel lintels after installation.

DRAWING SCHEDULE:

ASSUMED FOUNDATION CLASSIFICATION FOR DESIGN PURPOSES - 'M'
ASSUMED BEARING STRATA FOR DESIGN PURPOSES - CLAY, 150kPa.

A3

DOCUMENT CERTIFICATION

Date : MAY'04

Lucas Molloy .....
(Northern Beaches Consulting Engineers)

I am a qualified Structural/Civil Engineer.
I hold the following qualifications:
B.E.(Civil), MIEAust,
Institute of Engineers Membership No. 788184
I hereby state that this drawing is in compliance with the conditions of the development consent, the provisions of the Building Code of Australia and/or relevant Australian/Industry Standards.

NORTHERN BEACHES Consulting Engineers P/L.
A.C.N. 076 121 616 A.B.N. 24 076 121 616
Suite 207, 30 FISHER ROAD
DEE WHY N.S.W. 2099
Ph: (02) 9984 7000 Fax: (02) 9984 7444
e-mail : nb@nbconsulting.com.au

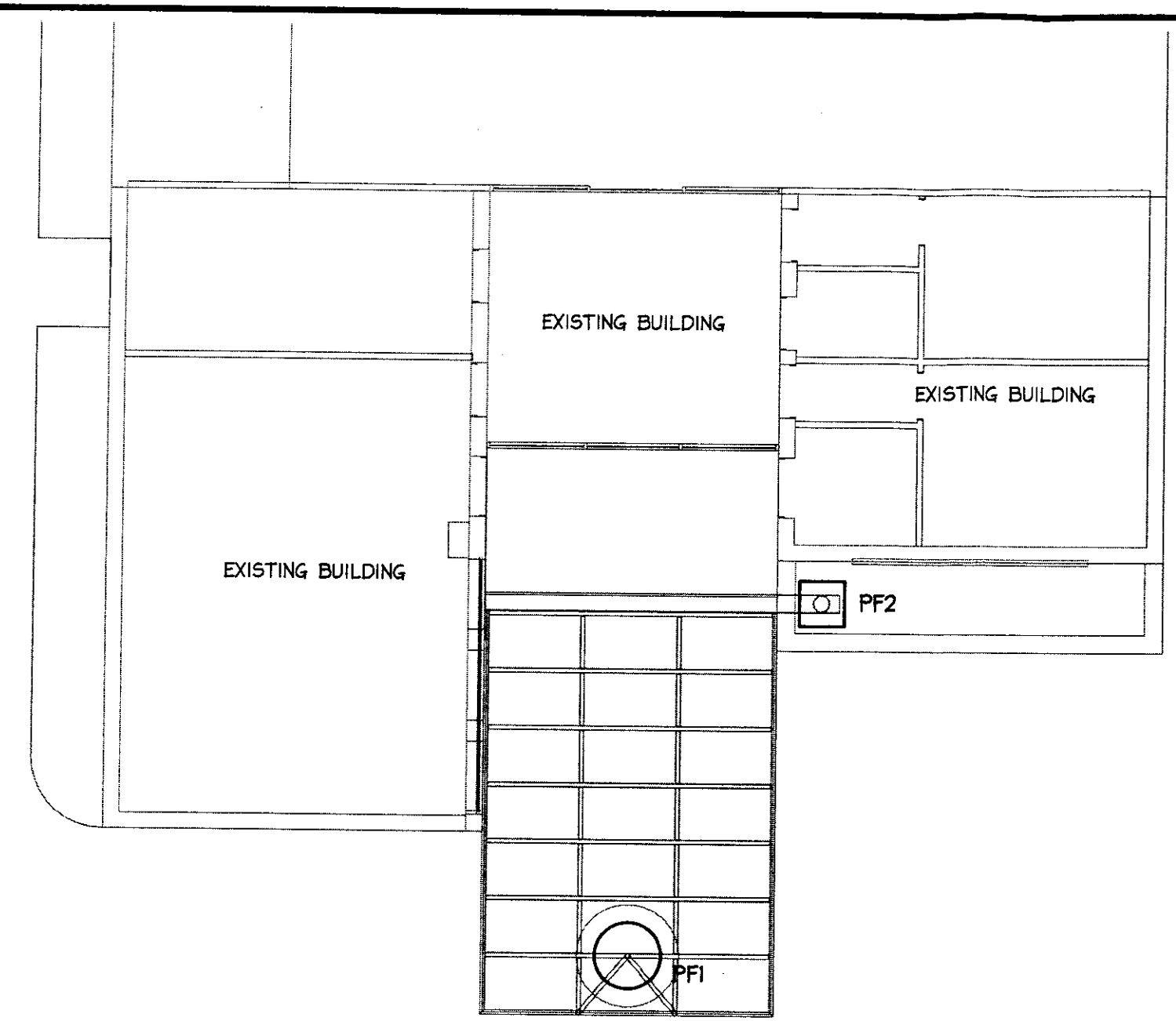
Project:
PROPOSED ALTERATIONS
at: MONAVALE COMMUNITY CENTRE
MONAVALE
for: PITTWATER COUNCIL

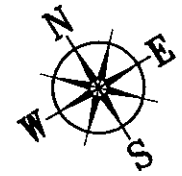
Drawing Title:
GENERAL NOTES AND DRAWING SCHEDULE

Date:	Design:	Drawn:	Checked:
MARCH '04	LM	MC	
Job No. 040240		Drawing No: S01	Rev: -

COUNCIL COPY

Rev: Amendment: Date:

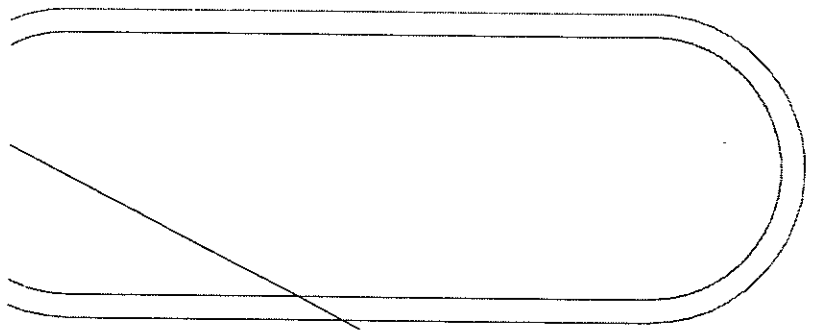


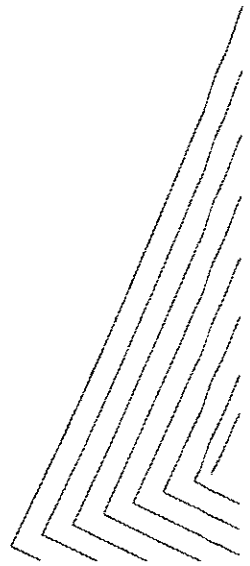


NOTES:

1. ALL DIMENSIONS TO BE VERIFIED ON SITE BEFORE COMMENCING WITH WORK.
2. FOR GENERAL NOTES AND DRAWING SCHEDULE REFER TO DRAWING NUMBER: S01.

PF1 = 200mm x 1100mm ϕ MASS CONCRETE PAD FOOTING
PF2 = 750x750x200 MASS CONCRETE PAD FOOTING





PROPOSED AWNING FOUNDATION PLAN

SCALE = 1 : 100

A3

DOCUMENT CERTIFICATION

Date : MAY'04

Lucas Molloy .....

(Northern Beaches Consulting Engineers)

I am a qualified Structural/Civil Engineer.
I hold the following qualifications:
B.E.(Civil), MIEAust,
Institute of Engineers Membership No. 786184
I hereby state that this drawing is in compliance with the conditions of the development consent, the provisions of the Building Code of Australia and/or relevant Australian/Industry Standards.

NORTHERN BEACHES Consulting Engineers P/L.
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Ph: (02) 9984 7000 Fax: (02) 9984 7444
e-mail : nb@nbconsulting.com.au

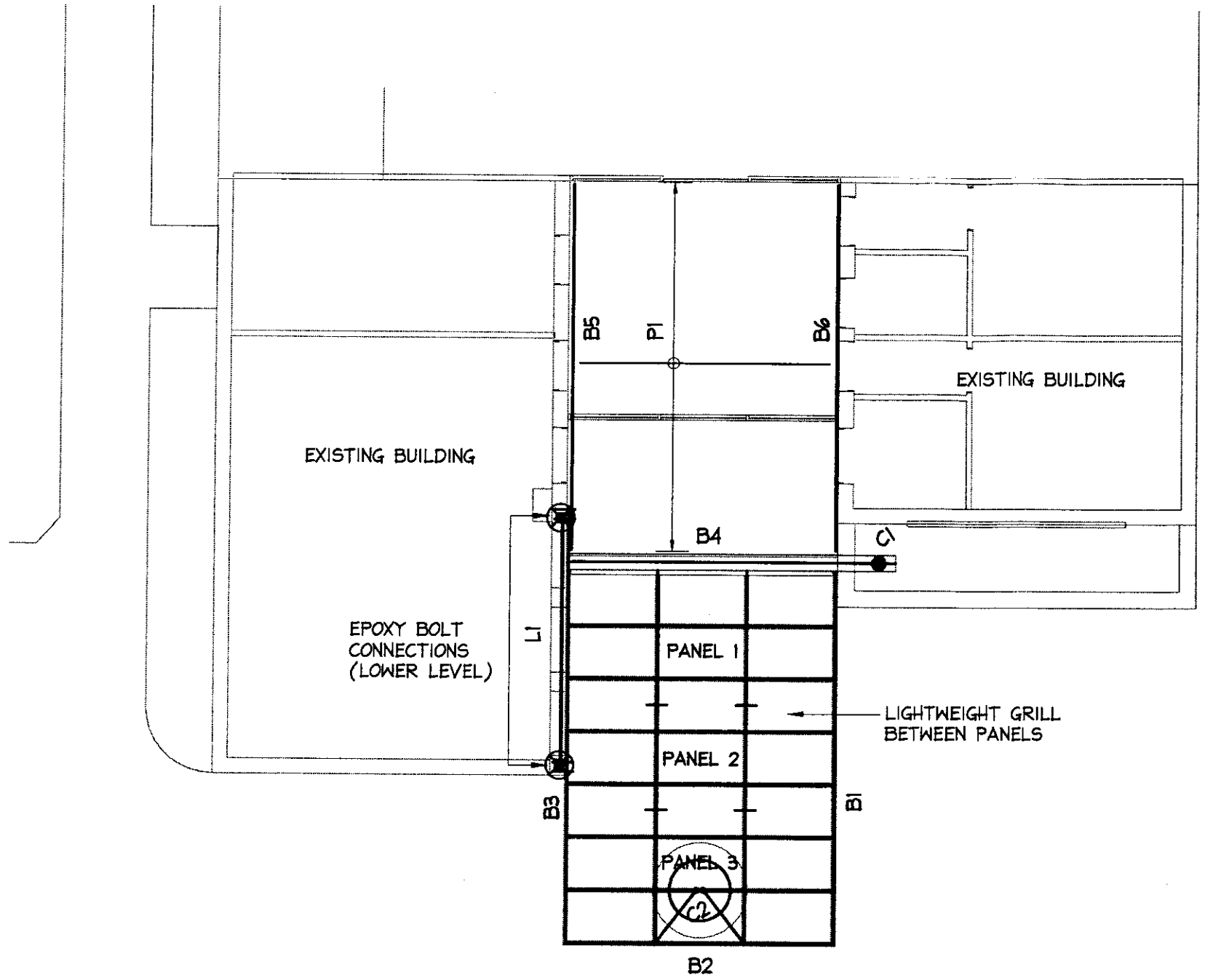
Project:
PROPOSED ALTERATIONS
at: MONAVALE COMMUNITY CENTRE
MONAVALE
for: PITTWATER COUNCIL

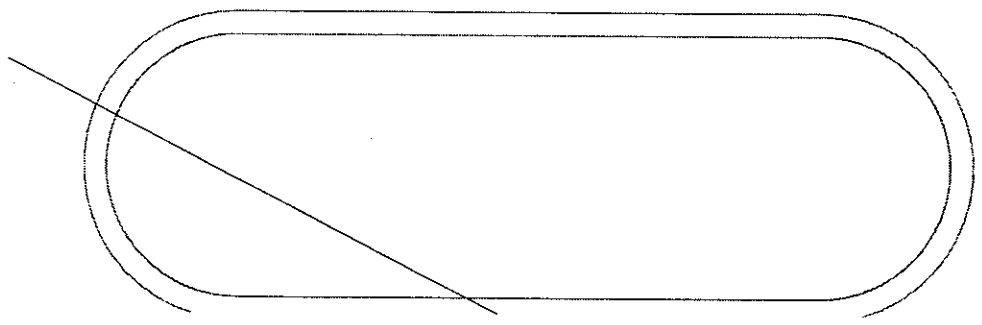
Drawing Title:
FOUNDATION PLAN

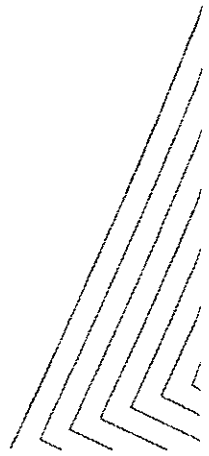
Date:	Rev:	Amendment:
-	-	-

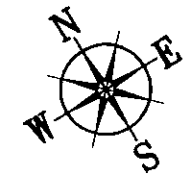
Date:	Design:	Drawn:	Checked:
MARCH '04	LM	MC	

Job No:	Drawing No:	Rev:
040240	S02	-









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MEMBER SCHEDULE

MARK	MEMBER	REMARKS
P1	C15025	PURLINS AT 900 CTS
B1-B3	200 PFC (GALV)	ROOF BEAM
B4	200 UC 46 (GALV)	ROOF BEAM ON MINOR AXIS
B5, B6	150x90x8 UA	ROOF BEAM
L1	300x63 HYSPAN LVL or 150 PFC	LINTEL (AT FRAME LEVEL & AT HIGHER LEVEL)
PANEL 1- 3	150x50x3 RHS (GALV)	FRAME
C1	180x6 CHS(GALV)	DOWNPIPE
C2	2x89x4 CHS (GALV)	STEEL COLUMNS
⊗	M10 THREADED ROD TIE DOWN REFER DETAIL	TIE DOWN LOCATION

PROPOSED AWNING FRAMING PLAN

SCALE = 1 : 100

A3

DOCUMENT CERTIFICATION

Date : MAY '04

Lucas Molloy .....

(Northern Beaches Consulting Engineers)

I am a qualified Structural/Civil Engineer.
I hold the following qualifications:
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e-mail : nb@nbconsulting.com.au

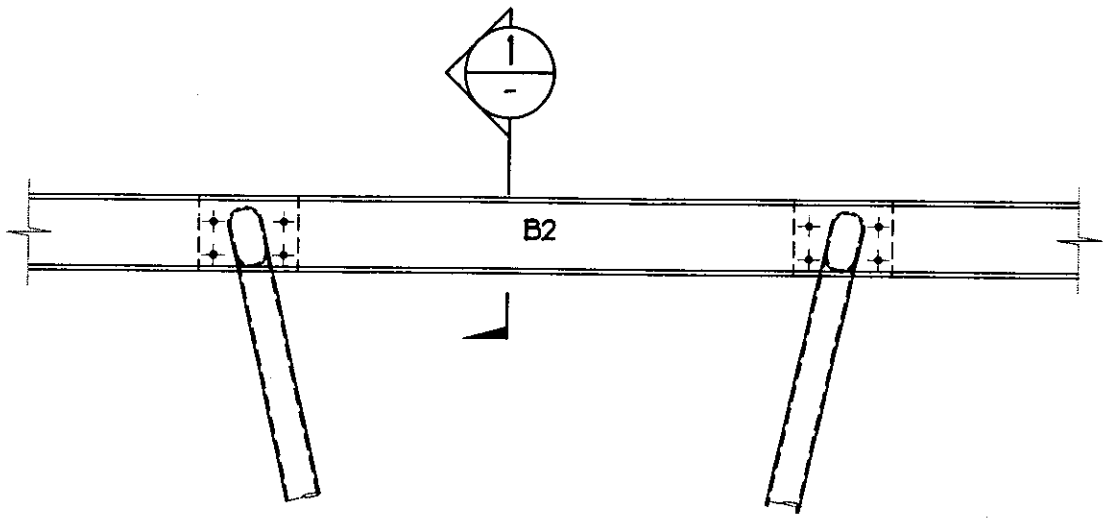
Project:
PROPOSED ALTERATIONS
at: MONAVALE COMMUNITY CENTRE
MONAVALE
for: PITTWATER COUNCIL

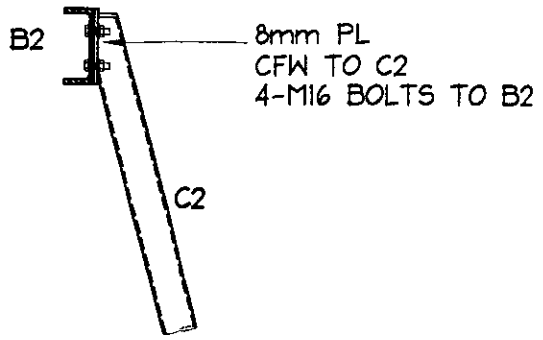
Drawing Title:
GROUND FLOOR PLAN

Date:	Rev:	Amendment:
-	-	-

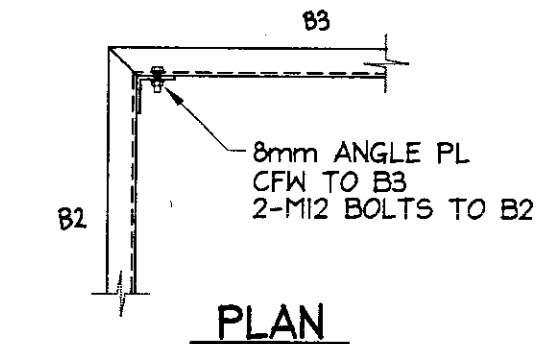
Date:	Design:	Drawn:	Checked:
MARCH '04	LM	MC	

Job No:	Drawing No:	Rev:
040240	S03	-

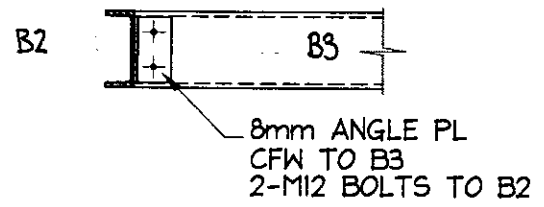




SECTION 1 -
SCALE = 1:20

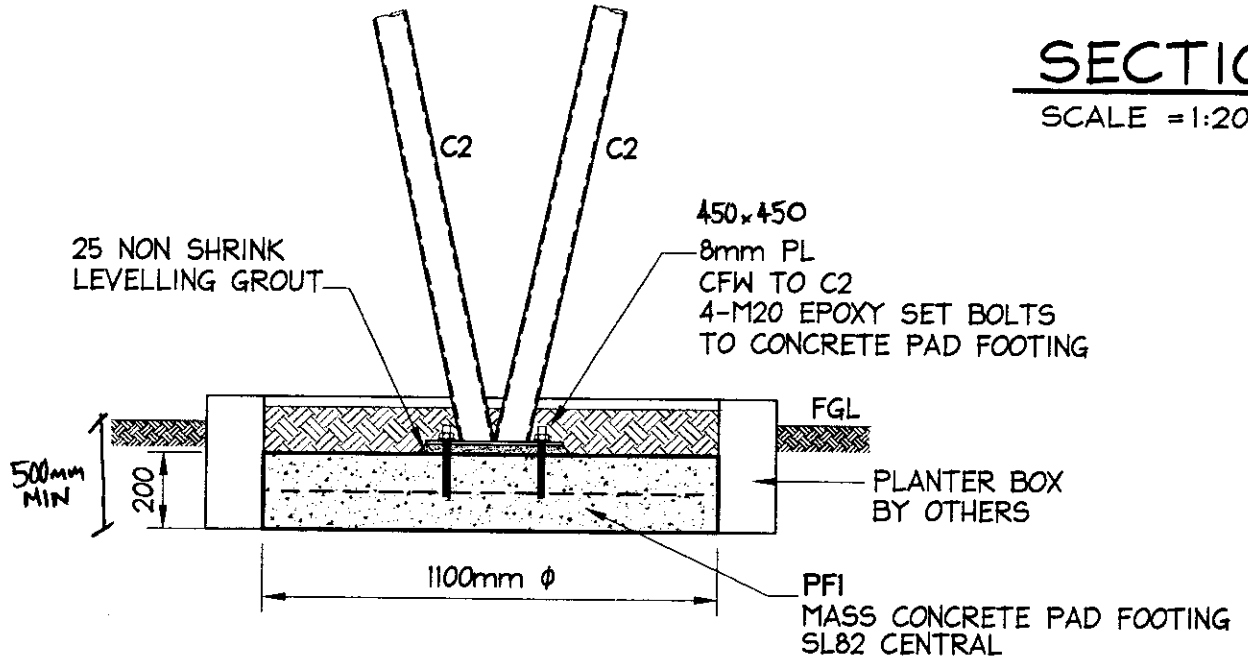


PLAN



SECTION

# B2/B3 CONNECTION DETAIL
SCALE = 1 : 20



# C2/B2 CONNECTION DETAIL
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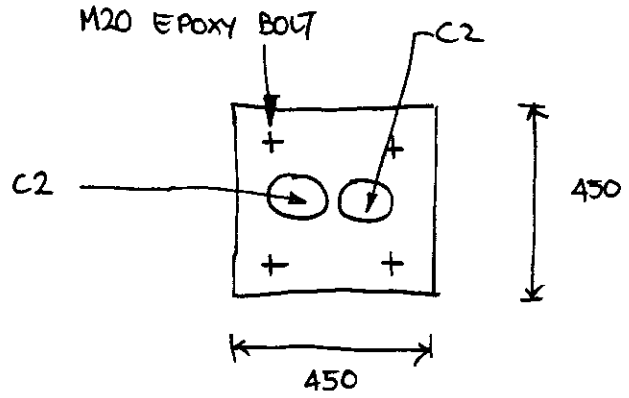
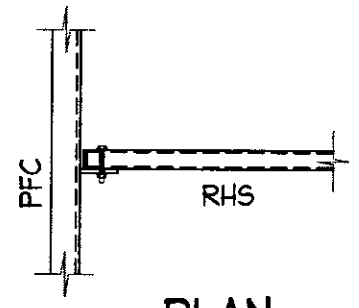
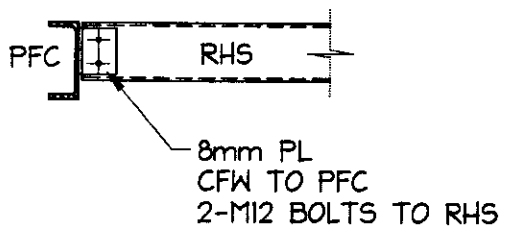
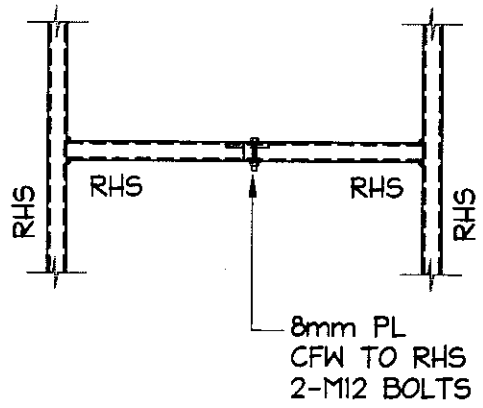




PLAN



SECTION



PLAN

# PFC/RHS/RHS CONNECTION DETAIL
SCALE = 1 : 20

A3

DOCUMENT CERTIFICATION

Date : MAY'04

Lucas Molloy .....
(Northern Beaches Consulting Engineers)

I am a qualified Structural/Civil Engineer.
I hold the following qualifications:
B.E.(Civil), MIEAust,
Institute of Engineers Membership No. 788184
I hereby state that this drawing is in compliance with the conditions of the development consent, the provisions of the Building Code of Australia and/or relevant Australian/Industry Standards.

NORTHERN BEACHES
Consulting Engineers P/L.
A.C.N. 076 121 616 A.B.N. 24 076 121 616
Suite 207, 30 FISHER ROAD
DEE WHY N.S.W. 2099
Ph: (02) 9984 7000 Fax: (02) 9984 7444
e-mail : nb@nbconsulting.com.au

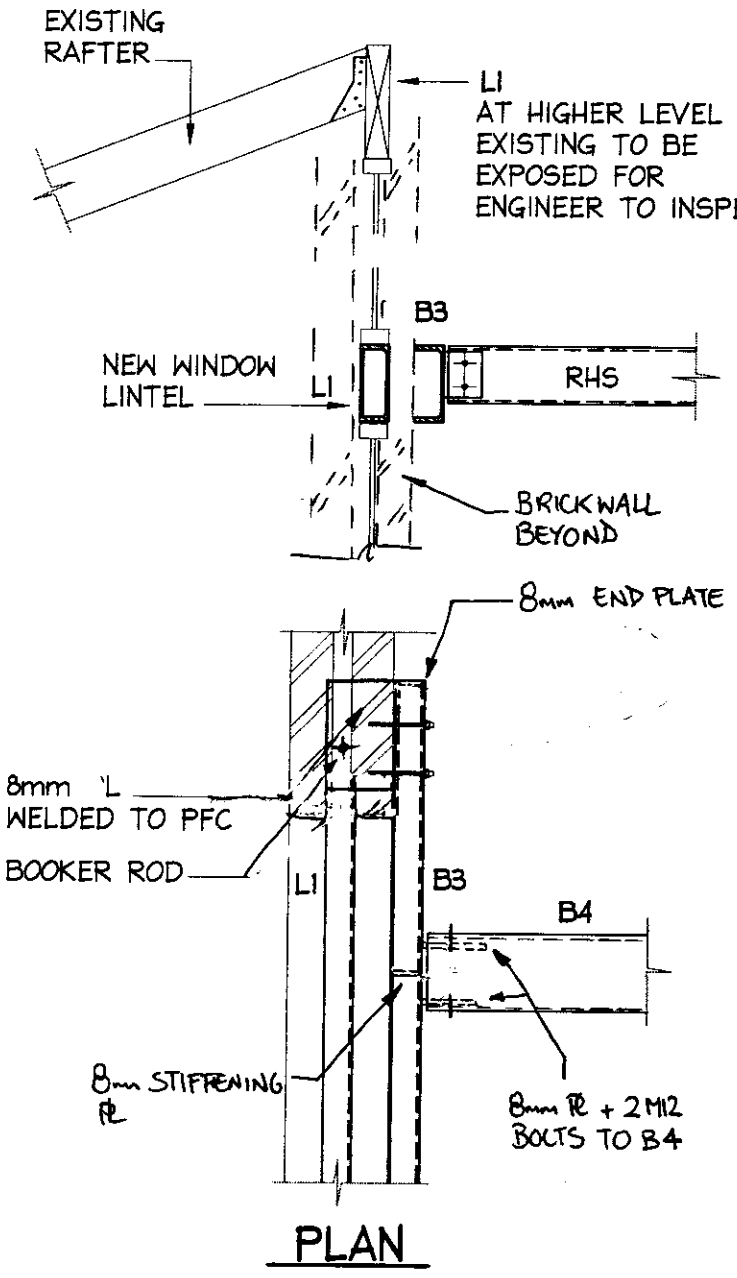
Project:
PROPOSED ALTERATIONS
at: MONAVALE COMMUNITY CENTRE
MONAVALE
for: PITTWATER COUNCIL

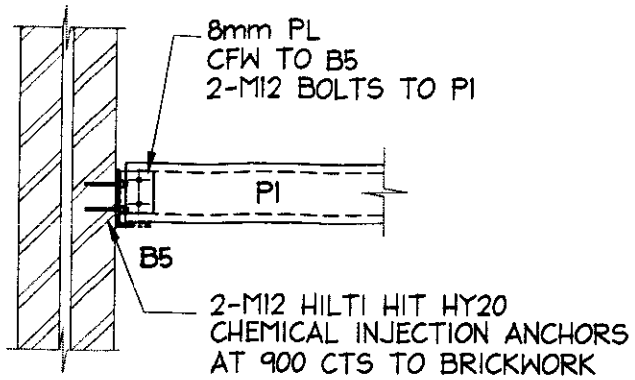
Drawing Title:
SECTIONS & DETAILS

Date:	Rev:	Amendment:
-	-	-

Date:	Design:	Drawn:	Checked:
MARCH '04	LM	MC	

Job No:	Drawing No:	Rev:
040240	S04	-





B5/P1 CONNECTION DETAIL

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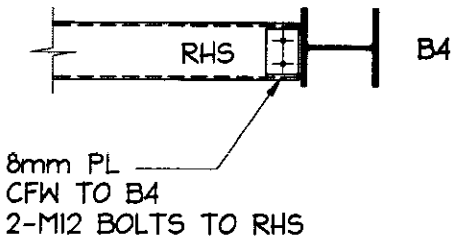
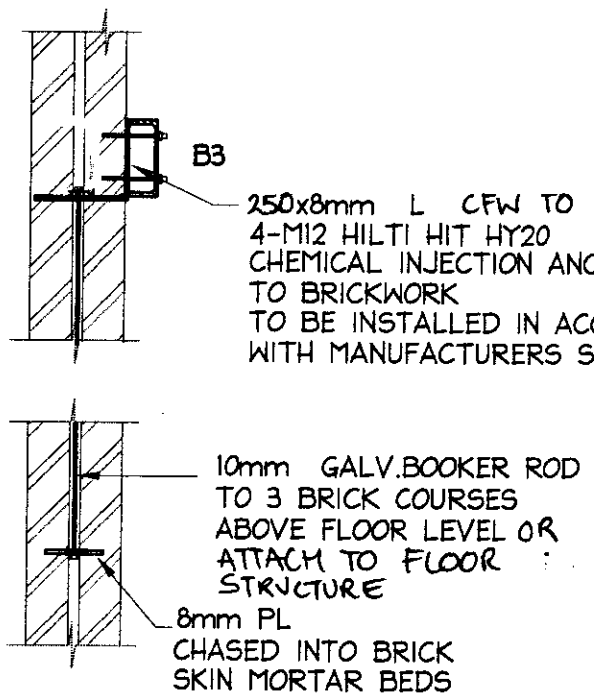


B4/RHS CONNECTION DETAIL

SCALE = 1 : 20

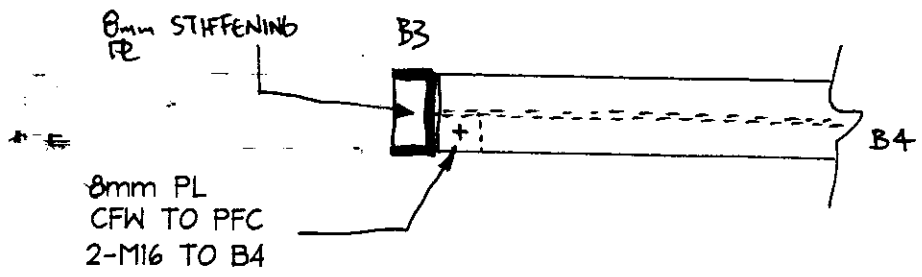
PLAN



SECTION

B3 & L1 CONNECTION DETAILS

SCALE = 1 : 20



B3/B4 CONNECTION DETAIL

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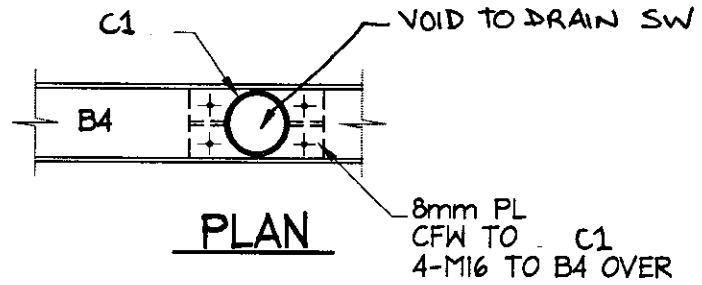
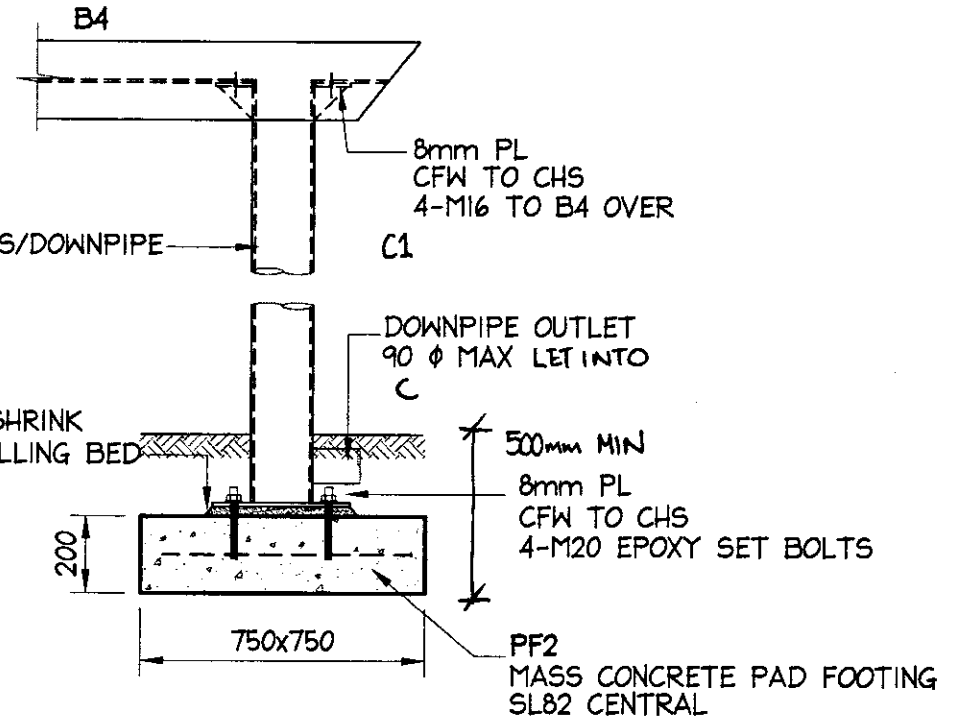


PLAN



B4/CHS CONNECTION DETAIL

SCALE = 1 : 20

A3

-	-	-
Date:	Rev:	Amendment:

DOCUMENT CERTIFICATION

Date : MAY '04

Lucas Molloy

(Northern Beaches Consulting Engineers)

I am a qualified Structural/Civil Engineer.
I hold the following qualifications:
B.E.(Civil), MIEAust,
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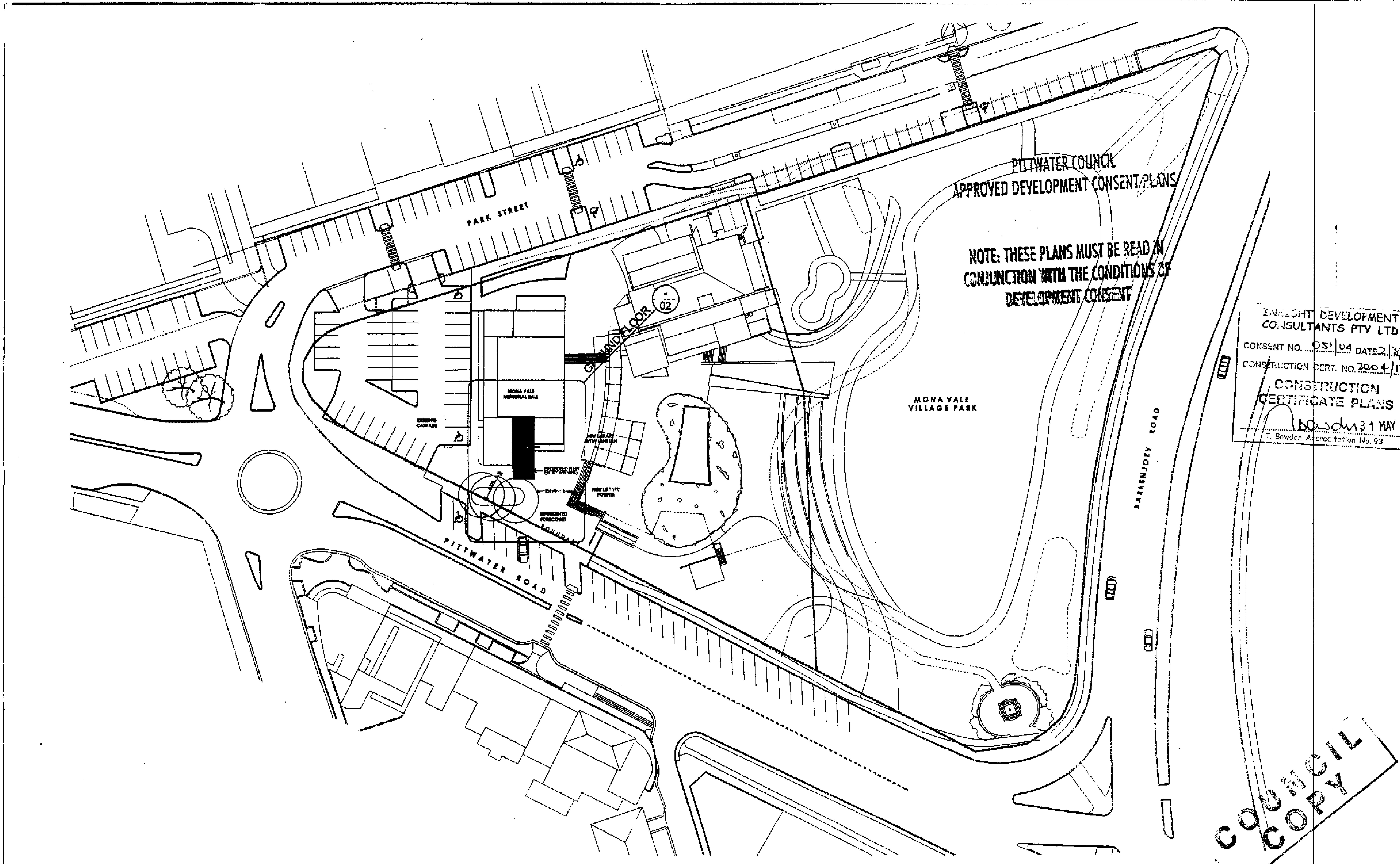
A.C.N. 076 121 616 A.B.N. 24 076 121 616
Suite 207, 30 FISHER ROAD
DEE WHY N.S.W. 2099
Ph: (02) 9984 7000 Fax: (02) 9984 7444
e-mail : nb@nbconsulting.com.au

Project:
PROPOSED ALTERATIONS
at: MONAVALE COMMUNITY CENTRE
MONAVALE
for: PITTWATER COUNCIL

Drawing Title:
SECTIONS & DETAILS

Date:	Design:	Drawn:	Checked:
MARCH '04	LM	MC	

Job No:	Drawing No:	Rev:
040240	S05	-



Date :	Issue :	Description :	Date :	Issue :	Description :
23 Jan 2004	A	ISSUED FOR DA PURPOSES			

The builder shall check and verify all dimensions and verify all errors and omissions to the Architect. Do not scale the drawings. Drawings shall not be used for construction purposes until issued by the Architect for construction.

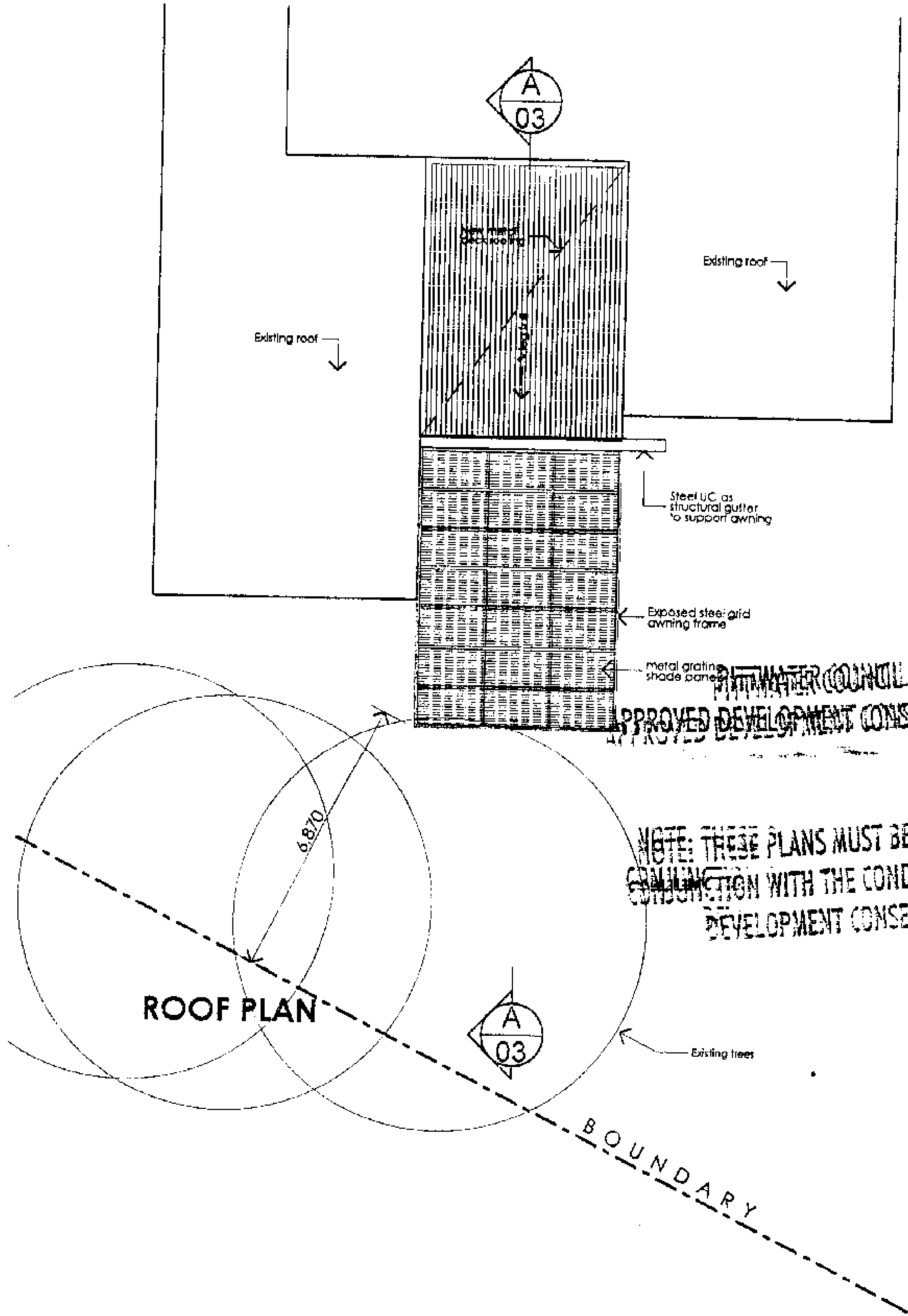
SEAN GARTNER ARCHITECTS

SUITE 13/9 BUNGAN STREET (PO BOX 1120) MONA VALE, NSW, 2103
P — 02 9979 4411
F — 02 9979 4422
E . sga@optusnet.com.au

Plot Date: 1/23/2004

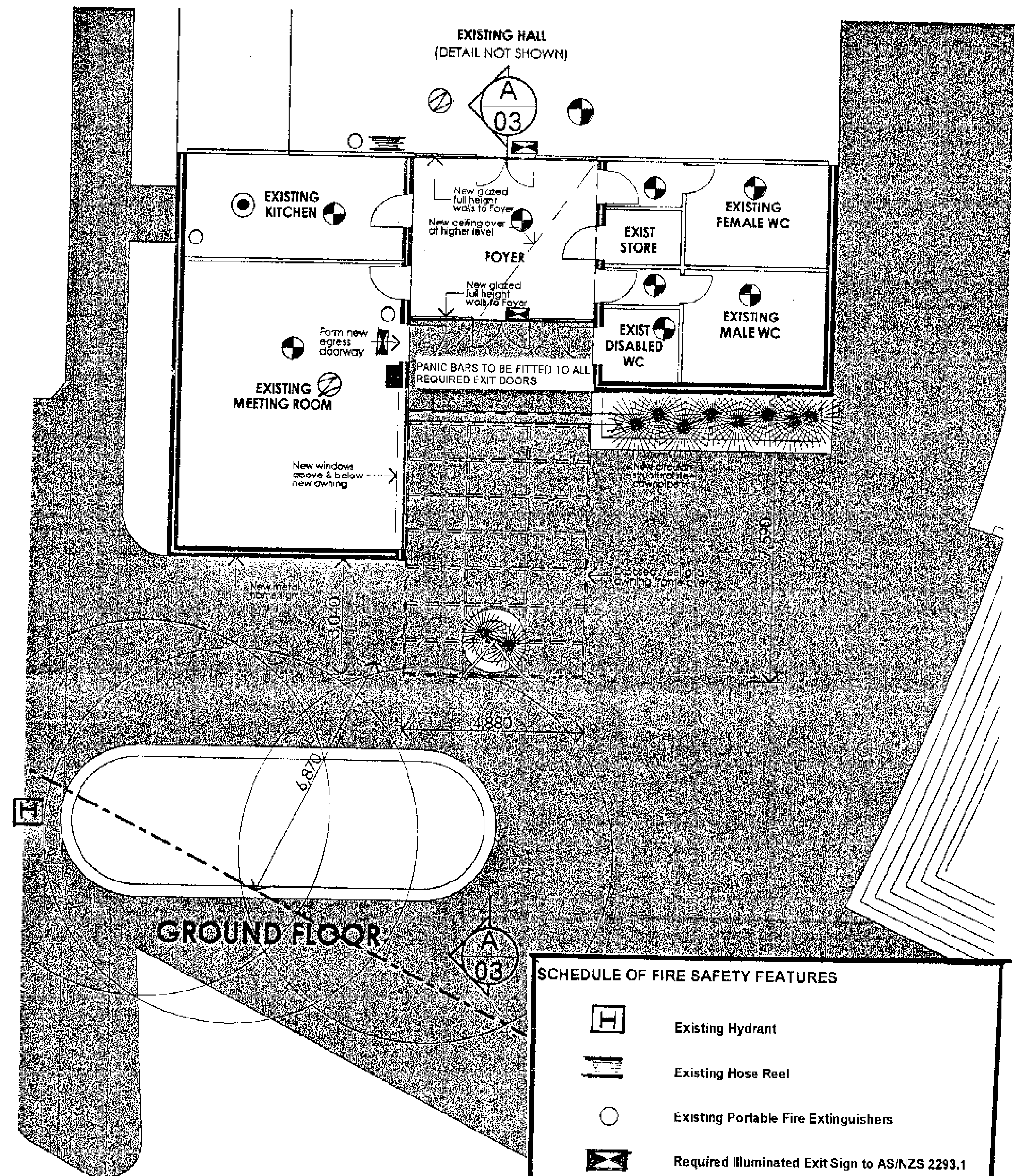
Project: PROPOSED REVISED ENTRY & AWNING PITTWATER ROAD, MONA VALE
Client: PITTWATER COUNCIL
Drawing: **SITE - LOCALITY PLAN**

Drawn/Designed: AB
Date: JAN 2004
Project Number: 0401
Scale: 1:500 @ (A2)
Drawing No.: DA-01
Issue: A



PITTWATER COUNCIL
APPROVED DEVELOPMENT CONSENT PLANS

NOTE: THESE PLANS MUST BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT



SCHEDULE OF FIRE SAFETY FEATURES

Symbol	Feature
H	Existing Hydrant
	Existing Hose Reel
○	Existing Portable Fire Extinguishers
	Required Illuminated Exit Sign to AS/NZS 2293.1
	Required Emergency Lighting to AS/NZS 2293.1
⌀	Required Smoke Detection System to AS 1670.1
◎	Required Heat Detector

Date	Issue	Description
22 Jan 2004	A	ISSUED FOR DA PURPOSES

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SEAN GARTNER ARCHITECTS

Project: PROPOSED REVISED ENTRY & AWNING PITTWATER ROAD, MONA VALE

Client: PITTWATER COUNCIL

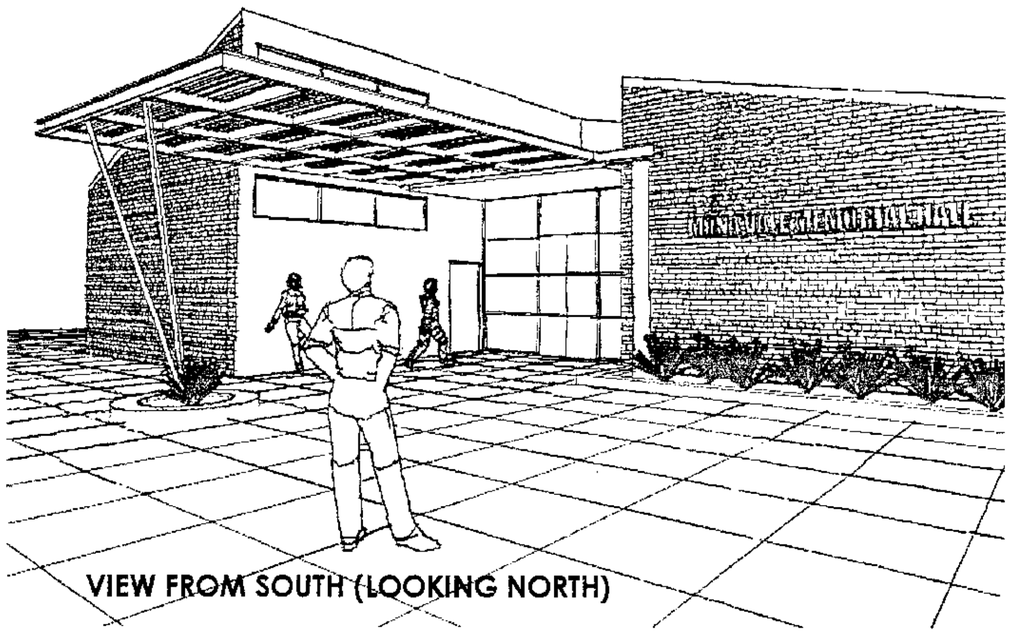
Drawing: **PLANS - GROUND & ROOF**

Drawn/Designed: AB | Date: JAN 2004 | Project Number: 0401 | Scale: 1:100 @ (A2)

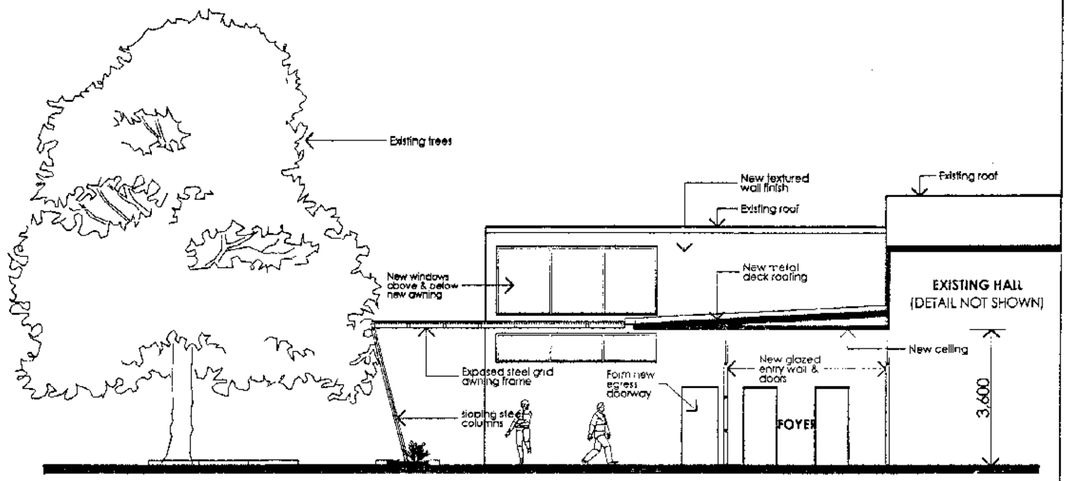
Drawing No.: DA-02 | Issue: A

PITTWATER COUNCIL
APPROVED DEVELOPMENT CONSENT PLANS

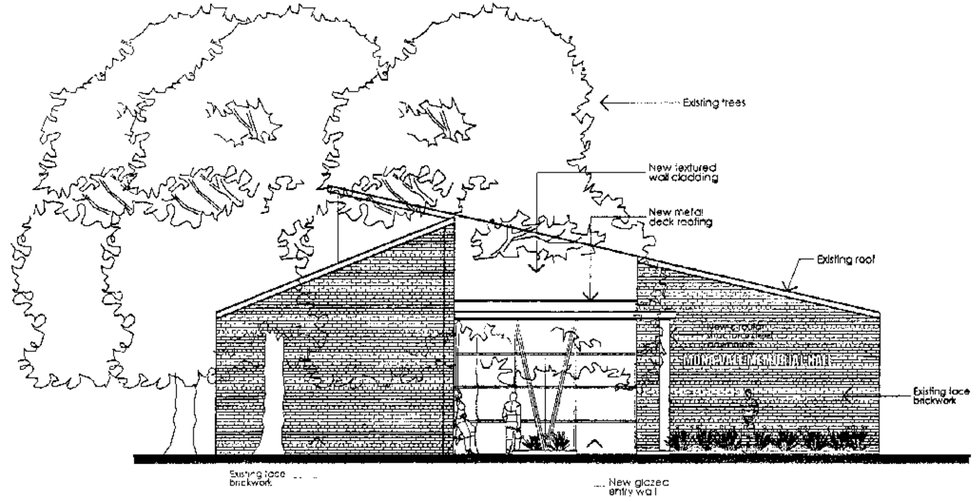
NOTE: THESE PLANS MUST BE READ IN CONJUNCTION WITH THE CONDITIONS OF DEVELOPMENT CONSENT



VIEW FROM SOUTH (LOOKING NORTH)



SECTION A-A



SOUTH EAST ELEVATION

Date :	Issue :	Description :	Date :	Issue :	Description :
22 Jan 2004	A	ISSUED FOR DA PURPOSES			

The builder shall check and verify all dimensions and verify all errors and omissions to the Architect. Do not scale the drawings. Drawings shall not be used for construction purposes until issued by the Architect for construction.

SEAN GARTNER ARCHITECTS
SUITE 15/9 BUNGAN STREET (PO BOX 1122)
MONA VALE, NSW, 2103
P ... 02 9979 4411
F ... 02 9979 4422
E ... sga@bigpond.com.au

Project : PROPOSED REVISED ENTRY & AWNING
PITTWATER ROAD, MONA VALE

Client : PITTWATER COUNCIL

Drawing : ELEVATIONS - VIEWS

Plot Date: 1/22/2004

Drawn/Designed :	AB	Date :	JAN 2004
Project Number :	0401	Scale :	1 : 100 @ (A2)
Drawing No. :	DA-03	Issue :	A