

27 July 2011

General Manager
Pittwater Council
PO Box 882
MONA VALE NSW 1660

Dear Sir/Madam,

**Development Application No. N0741/07/S96/1
8 Prince Alfred Parade, Newport**

For Council's information, please find enclosed Construction Certificate No. 2011/4416 issued for alterations & additions to an existing dwelling & garage & associated retaining walls at the above address, accompanied by:

- Copy of Construction Certificate application form
- Notice of Commencement of Work and Appointment of Principal Certifying Authority
- Home Warranty Insurance Certificate
- Cheque for \$36.00 being the prescribed fee to receive the above certificate.

NB: Please forward receipt for the above fee to Insight Building Certifiers Pty Ltd, PO Box 326, Mona Vale 1660.

Yours faithfully

A handwritten signature in black ink, appearing to read "Tom Bowden".

**Tom Bowden
Insight Building Certifiers Pty Ltd**

\$30 Rec: 305173 28/7/11

Construction Certificate Determination

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

Certificate No. 2011/4416

Council	Pittwater
Determination Date of issue	Approved 27 July 2011
Subject land Address Lot No, DP No.	8 Prince Alfred Parade, Newport Lot 2 DP 1039190
Applicant Name Address Contact No.	Ms Mary Randles C/- Weir Phillips Architects Level 5, 69 Regent Street, Chippendale NSW 2008 9310 1010
Owner Name Address Contact No.	D M Telford & F R Telford PO Box 1238, Newport NSW 2106 n/a
Description of Development Type of Work	Alterations & Additions to an Existing Dwelling & Garage and associated Retaining Walls
Builder or Owner/Builder Name Contractor Licence No/Permit	Aranac Contracting Pty Ltd 38101
Value of Work Building	\$441,000.00

Attachments

- Copy of completed Construction Certificate Application Form
- Long Service Levy Corporation receipt no. 00100802 for payment of Long Service Levy
- BASIX Certificate no. A76214 dated 1 March 2010
- Correspondence from Pittwater Council dated 17 June 2011 granting an extension of Development Consent until the 29 February 2013

Plans & Specifications certified

The development is to be carried out in compliance with the following plans and documentation listed below and endorsed with *Insight Building Certifiers* stamp.

- Architectural Plans & Construction Specification reference no. TRN, Drawing no's. A01, A02, A03 & A04 (dated 23 June 2010) A21, A31, A32, A33, A34, A35 & A36 (dated 1 July 2010), all prepared by Weir Phillips Architects
- Structural Details reference no. 6683, Drawing no's. 11, 12 & 13, prepared & endorsed by Chapman Hutchinson Pty Ltd dated July 2011
- Sediment & Erosion Control Plan reference no. TRN, Drawing no. A10, prepared by Weir Phillips Architects dated 23 June 2010
- Completed Form 2 Certificate (Part A & B) endorsed by Chapman Hutchison Pty Ltd dated 6 July 2011 & Douglas Partners Pty Ltd dated 11 June 2011, respectively
- Sydney Water approval dated 8 July 2011

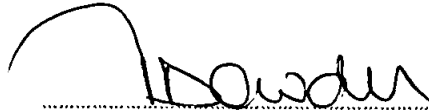
Certificate

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

- The relevant provisions of the Building Code of Australia
- The relevant conditions of this Development Consent

and that work completed in accordance with the documentation accompanying the application for this Certificate (and any modifications as verified by me and shown on that documentation) will comply with the requirements of the Environmental Planning & Assessment Regulation referred to in Section 81A(5) of the Environmental Planning & Assessment Act, 1979.

Signed


 27 JUL 2011

Date of endorsement
Certificate No.

2011/4416

Certifying Authority

Name of Accredited Certifier
Accreditation No.
Accreditation Authority
Contact No.
Address

Tom Bowden
BPB0042
Building Professionals Board
(02) 9999 0003
13/90 Mona Vale Road, Mona Vale NSW 2103

Development Consent

Development Application No.
Date of Determination

N0741/07/S96/1
29 February 2008

BCA Classification

1a, 10a & 10b

BY:

APPLICATION FOR A CONSTRUCTION CERTIFICATE

Environmental Planning and Assessment Act 1979 & Environmental Planning and Assessment Regulation 2000

Description of Building Work

ALTERATIONS + ADD ITIONS TO EXISTING DWELLING

Estimated cost of work

\$ 441,000.

BCA Classification(s)

CLASS 1a

Development Consent Reference no.

N0471/07/99611

Date of Issue

29/2/2008

Property Address

Unit/Street no.

8.

Street name

PRINCE ALFRED PARADE

Suburb

NEWPORT

Post code

2106

Lot no.

2.

DP no.

1039190

Accompanying Documents

- Appropriate Architectural Plans and Specifications
- All information required by Part 3 of Schedule 1 Forms of the Regulation (see over)

I, the owner of the abovementioned property, hereby make application to Tom Bowden/Stephen Pinn of Insight Building Certifiers Pty Ltd ('Insight') for a Construction Certificate for the building work described above and, in doing so, I also declare that the documents provided and asserted by me as a copy of a development consent and incorporated plans are a true copy of same as issued by the relevant consent authority or the Land and Environment Court.

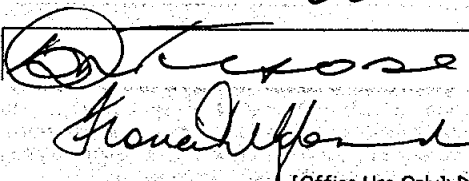
Owner's Name:

DM & FR TELFORD.

Owner's Address:

P.O. Box 1238 NEWPORT 2106.

Owner's Signature:



Date

1.7.2011.

[Office Use Only]: Date received by Accredited Certifier:

All documents received as part of this Construction Certificate application have been stamped to that effect

15 July 2011

Long Service Corporation
Level 1
19-21 Watt Street
Gosford NSW 2250
Locked Bag 3000
Central Coast MC NSW 2252
Tel: 13 14 41
Fax: (02) 9287 5685
Email: info@lspc.nsw.gov.au
www.lspc.nsw.gov.au
ABN 93 646 090 808

**WEIR PHILLIPS ARCHITECTS
LEVEL5
69 REGENT STREET
CHIPPENDALE NSW 2008**

As per your request for a copy of your receipt no. 00100802 dated 15 July 2011,
the following information is provided:

Received from: (Name of person or organisation paying for levy) the amount of

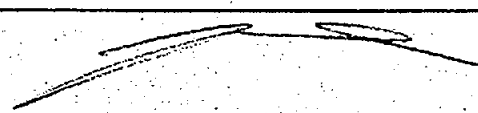
WEIR PHILLIPS ARCHITECTS

\$1,543.00

Payment details:

being payment for Long Service Levy as detailed below

Levy Payment Form number	5016856
Council/Department/Authority	PITTWATER COUNCIL
D.A. Number	N0471/07/S96/1
Work address	8 PRINCE ALFRED PARADE NEWPORT NSW 2106
Estimated value of work	\$441,000.00
Levy payable (No exemption)	\$1,543.00
Total levy paid	\$1,543.00

Signed: 

Date 15/7/11

BASIX Certificate

Building Sustainability Index www.basix.nsw.gov.au

Alterations and Additions

Certificate number: A76214

This certificate confirms that the proposed development will meet the NSW government's requirements for sustainability, if it is built in accordance with the commitments set out below. Terms used in this certificate, or in the commitments, have the meaning given by the document entitled "BASIX Alterations and Additions Definitions" dated 29/9/2006 published by Department of Planning. This document is available at www.basix.nsw.gov.au

Director-General
Date of issue: Monday, 01, March 2010



Description of project

Project address	
Project name	Telford Residence
Street address	8 Prince Alfred Parade Newport 2106
Local Government Area	Pittwater Council
Plan type and number	Deposited Plan 1039190
Lot number	2
Section number	0
Project type	
Dwelling type	Separate dwelling house
Type of alteration and addition	My renovation work is valued at \$50,000 or more, and does not include a pool (and/or spa).

Glazing requirements				Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check
The following requirements must also be satisfied in relation to each glazed roof: External awnings and louvres must fully shade the glazed roof above which they are situated when fully drawn or closed.						
Glazed roofs glazing requirements						
Glazed roof number	Area of glazing (m2)	Shading device	Glass type			
G1	3.65	external adjustable awning or blind	standard aluminium, clear/air gap/clear, (U-value: 5.34, SHGC: 0.67)			



Nicholas Lawler, Assistant Planner

DA No: N0471/07

8am to 5:30pm Monday - Thursday, 8am to 5pm Friday

Phone 9970 1111

**WEIR & PHILLIPS ARCHITECTS
LEVEL 5, 69 REGENT STREET
CHIPPENDALE NSW 2008**

17 June 2011

Dear Sir/Madam,

**Request for confirmation about extension of consent for alterations and
additions to the dwelling at 8 Prince Alfred Parade, Newport.**

This letter is to advise of changes to development consent timeframes. A recent legislative change automatically extends a development consent period from 2 years to a maximum of 5 years in some circumstances.

The circumstances of when a development consent lapses are set out in Section 95 of the Environmental Planning and Assessment Act 1979.

The new automatic consent timeframe is only applicable if a development consent is valid and operating on 22 April 2010.

The consent for Development Application N0471/07 will now lapse on 29 February 2013.

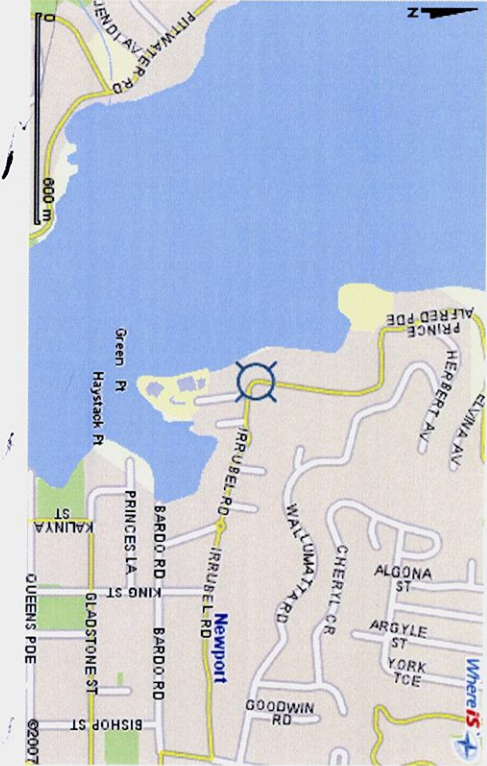
If you have any enquires about this matter please do not hesitate to contact me on 9970 1111.

Yours faithfully

**Nicholas Lawler
ASSISTANT PLANNER**

CONSTRUCTION CERTIFICATE ISSUE

8 PRINCE ALFRED PARADE, NEWPORT
LOT 2 DP 1039190



01 LOCATION PLAN
SCALE: NTS

DRAWING LISTS

DWG N°	DESCRIPTION	SCALE
A01	COVER PAGE	N/A
A02	DEMOLITION PLAN	1:100
A03	GROUND FLOOR PLAN	1:100
A04	ROOF PLAN	1:100
A10	EROSION & SEDIMENT PLAN	1:100
A21	ELEVATIONS	1:50
A31	SECTION A & C	1:50
A32	SECTION B & DETAIL PLAN	1:50
A33	SECTION D & DETAIL PLAN	1:50
A34	SECTION E & DETAIL PLAN	1:50
A35	SECTION F & DETAIL PLAN	1:50
A36	SECTION G & DETAIL PLAN	1:50

SPECIFICATION NOTES

THE BUILDER SHALL LIASE WITH THE PRINCIPAL CERTIFYING AUTHORITY IN THE COURSE OF THE WORKS TO ARRANGE ALL MANDATORY INSPECTIONS & PROVIDE ALL SUPPORTING CERTIFICATION TO THE PCA UPON COMPLETION OF THE WORKS.

BUILDING WORK IS TO BE CARRIED OUT IN ACCORDANCE WITH THE RELEVANT AUSTRALIAN STANDARDS AND IN ACCORDANCE WITH THE CONDITIONS OF DEVELOPMENT CONSENT FROM PITT WATER COUNCIL.

ALL DIMENSIONS TO BE CONFIRMED ON SITE PRIOR TO COMMENCING WORK. FINAL SETOUT AND DIMENSIONS SHALL BE CONFIRMED FOLLOWING CONFIRMATION OF SITE CONDITIONS.

REPORT ANY DISCREPANCIES TO THE ARCHITECT PRIOR TO PROCEEDING.

ACCEPTABLE TOLERANCES SHALL BE DEFINED BY THE "GUIDE TO STANDARDS & TOLERANCES 2007" PRODUCED BY THE BUILDING COMMISSION

ALL STRUCTURAL ELEMENTS ARE TO BE IN ACCORDANCE WITH STRUCTURAL ENGINEERS DRAWINGS.

ALL BRICKWORK TO BE IN ACCORDANCE WITH AS3700

PROVIDE DAMP PROOF COURSE IN ACCORDANCE WITH BCA AND AS2904

ALL WET AREA FLOORS AND WALLS WATERPROOFING ARE TO BE IN ACCORDANCE WITH BCA AND RELEVANT AS

PROVIDE FLASHING BUILT INTO MASONRY IN ACCORDANCE WITH DRAWINGS, BCA AND AS3700

PROVIDE TERMITE PROTECTION IN ACCORDANCE WITH BCA AND AS 3660.1 - 2000

INSTALL HARD WIRED SMOKE DETECTOR(S) IN ACCORDANCE WITH THE REQUIREMENTS OF AS3786

BASIX REQUIREMENTS

REFER TO BASIX CERTIFICATE NUMBER A76214

FIXTURES AND SYSTEMS
MINIMUM 40% OF NEW LIGHT FIXTURES BE FITTED WITH FLUORESCENT, COMPACT FLUORESCENT, OR LED LAMPS.

CONSTRUCTION
SUSPENDED FLOOR WITH ENCLOSED SUBFLOOR, CONCRETE (R0.6), ADDITIONAL INSULATION REQUIRED R0.7
FLAT CEILING, PITCHED ROOF - FOIL BACKED BLANKET R0.95, ROOFING COVER TO BE MEDIUM ABSORPTANCE 0.475-0.70

GLAZING REQUIREMENTS
WINDOW AND GLAZED DOOR WITH TIMBER FRAMES AND SINGLE CLEAR GLASS WITH A U-VALUE OF 7.63 OR LESS AND SHGC OF 0.75 OR LESS.
GLAZED ROOF WITH STANDARD ALUMINUM FRAME AND CLEAR/AIR GAP/CLEAR GLASS U-VALUE OF 5.34 OR LESS AND SHGC OF 0.67 OR LESS. MUST INSTALL ADJUSTABLE EXTERNAL LOUVRE OR BLIND

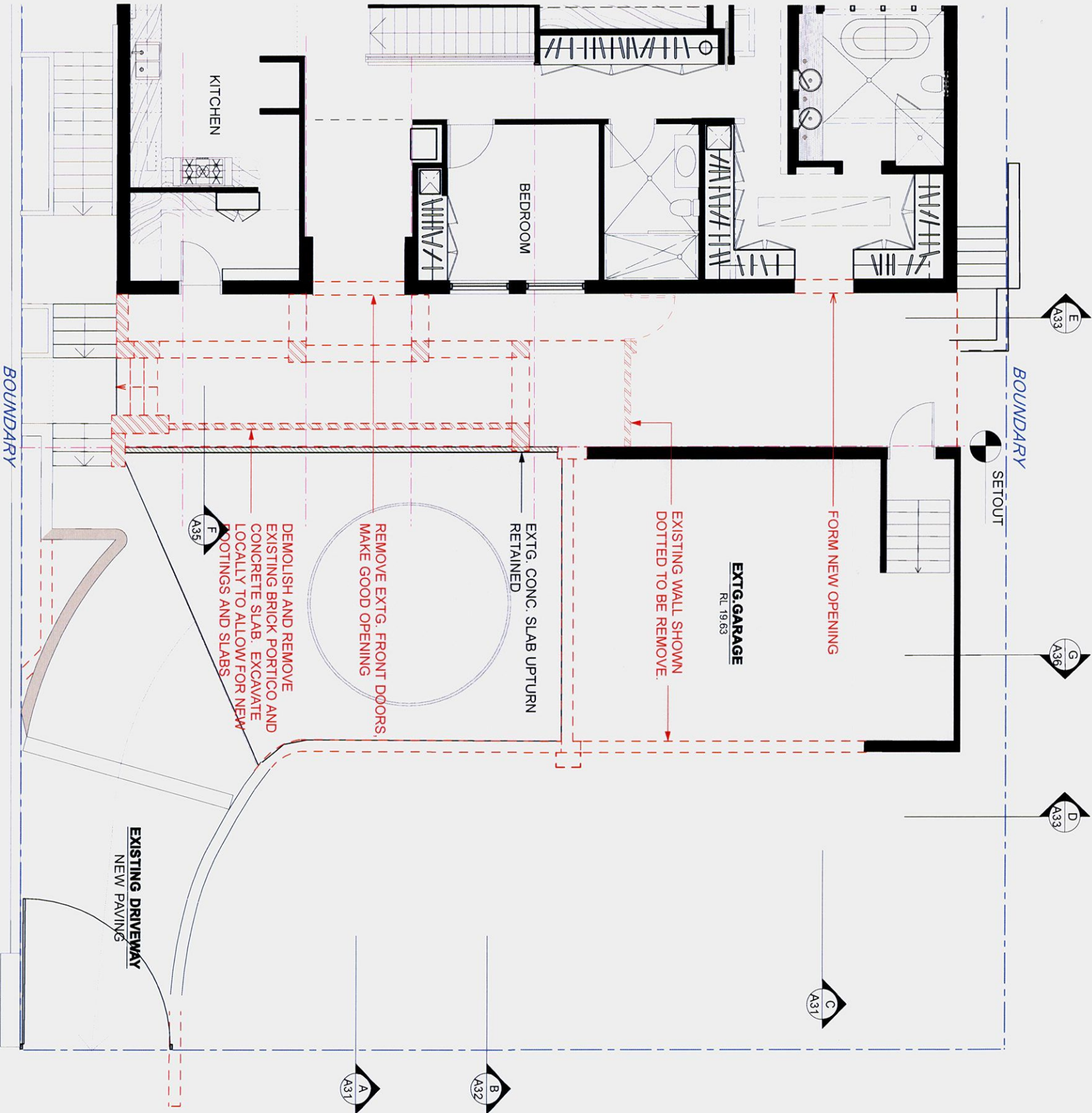
CC PLANS

Weir Phillips Architects

NSW Reg Number 6383 Robin Weir
DO NOT SCALE DRAWINGS. CHECK ALL DIMENSIONS AND LEVELS ON SITE
CONSENT FOR THIS DESIGN INCLUDES WITH THE ARCHITECT

Sheet	Date	Revision	Project	Drawn	Checked	Project	Drawn	Checked
A	15/07/11	1	8 Prince Alfred Parade, Newport	Don & Fiona Telford	Don & Fiona Telford	8 Prince Alfred Parade, Newport	Don & Fiona Telford	Don & Fiona Telford
B	27/07/10	1	8 Prince Alfred Parade, Newport	Don & Fiona Telford	Don & Fiona Telford	8 Prince Alfred Parade, Newport	Don & Fiona Telford	Don & Fiona Telford
C	15/07/11	1	8 Prince Alfred Parade, Newport	Don & Fiona Telford	Don & Fiona Telford	8 Prince Alfred Parade, Newport	Don & Fiona Telford	Don & Fiona Telford

Level 5, 67-69 Revere Street, Chippendale NSW 1505



01 Ground Demolition
Scale 1:100

SITE ESTABLISHMENT & PRELIMINARIES
PROVIDED TEMPORARY FENCING IN ACCORDANCE WITH THE REQUIREMENTS OF LOCAL AUTHORITIES AND RELEVANT AUSTRALIAN STANDARDS, INCLUDING AS 1725 AND AS 2423.

DOCUMENT AND PHOTOGRAPH THE EXISTING CONDITION OF COUNCIL ASSETS IN THE VICINITY OF THE SITE PRIOR TO COMMENCING OF WORK INCLUDING BUILDINGS, LANDSCAPE WALLS AND STRUCTURES AND FENCES. UNDERTAKE NECESSARY STEPS TO PROTECT PUBLIC ASSETS IN THE VICINITY OF THE WORKS FROM DAMAGE FOR THE DURATION OF WORKS.

DOCUMENT AND PHOTOGRAPH THE EXISTING CONDITION OF TREES AND OTHER PLANTING IN THE VICINITY OF THE SITE PRIOR TO COMMENCING WORK INCLUDING TREES, LAWNS, LANDSCAPE WALLS AND FEATURES. UNDERTAKE NECESSARY STEPS TO PROTECT TREES AND PLANTING IN THE VICINITY OF THE WORKS FROM DAMAGE FOR THE DURATION OF THE WORKS.

THE SETTING OUT OF THE WORKS IS TO BE CONFIRMED BY A REGISTERED SURVEYOR PRIOR TO COMMENCEMENT OF WORKS.

LOCATED ALL EXISTING SERVICES. MARK CLEARLY AND PROTECT FROM DAMAGE AS REQUIRED. RELOCATED THOSE SERVICES ON-SITE AS NECESSARY TO CARRY OUT THE WORKS. TERMINATED AND REMOVE OBSOLETE SERVICES.

PROVIDE SCAFFOLDING IN ACCORDANCE WITH THE REQUIREMENTS OF LOCAL AUTHORITIES. THE REQUIREMENTS OF THE APPROPRIATE OCCUPATIONAL HEALTH AND SAFETY AUTHORITY AND IN ACCORDANCE WITH AS 6001 AND AS 1576

DEMOLITION
SORT AND DISPOSAL OF ALL WASTE FROM SITE CLEARANCE. DEMOLITION AND BUILDING IN ACCORDANCE WITH THE REQUIREMENTS OF LOCAL AUTHORITIES.

DEMOLITION
ALL DEMOLITION IS TO BE CARRIED OUT IN ACCORDANCE WITH AS 2601. DEMOLISH BUILDING ELEMENTS AS INDICATED ON THE DRAWINGS. MAKE GOOD ADJACENT BUILDING ELEMENT TO REMAIN.

EARTHWORKS & SITE DRAINAGE
UNDERTAKE EXCAVATION IN ACCORDANCE WITH THE DRAWINGS. REQUIREMENTS OF LOCAL AUTHORITIES. THE BCA AND RELEVANT AUSTRALIAN STANDARDS INCLUDING AS 3798 & AS 2870. PROTECT EXISTING BUILDING STRUCTURE, LANDSCAPE AND SERVICES FOR SITE AND ADJACENT SITES FROM DAMAGE DURING EXCAVATION.

PROVIDE SOIL & SEDIMENT EROSION CONTROL MEASURES IN ACCORDANCE WITH REQUIREMENTS OF LOCAL AUTHORITIES AND THE BCA.

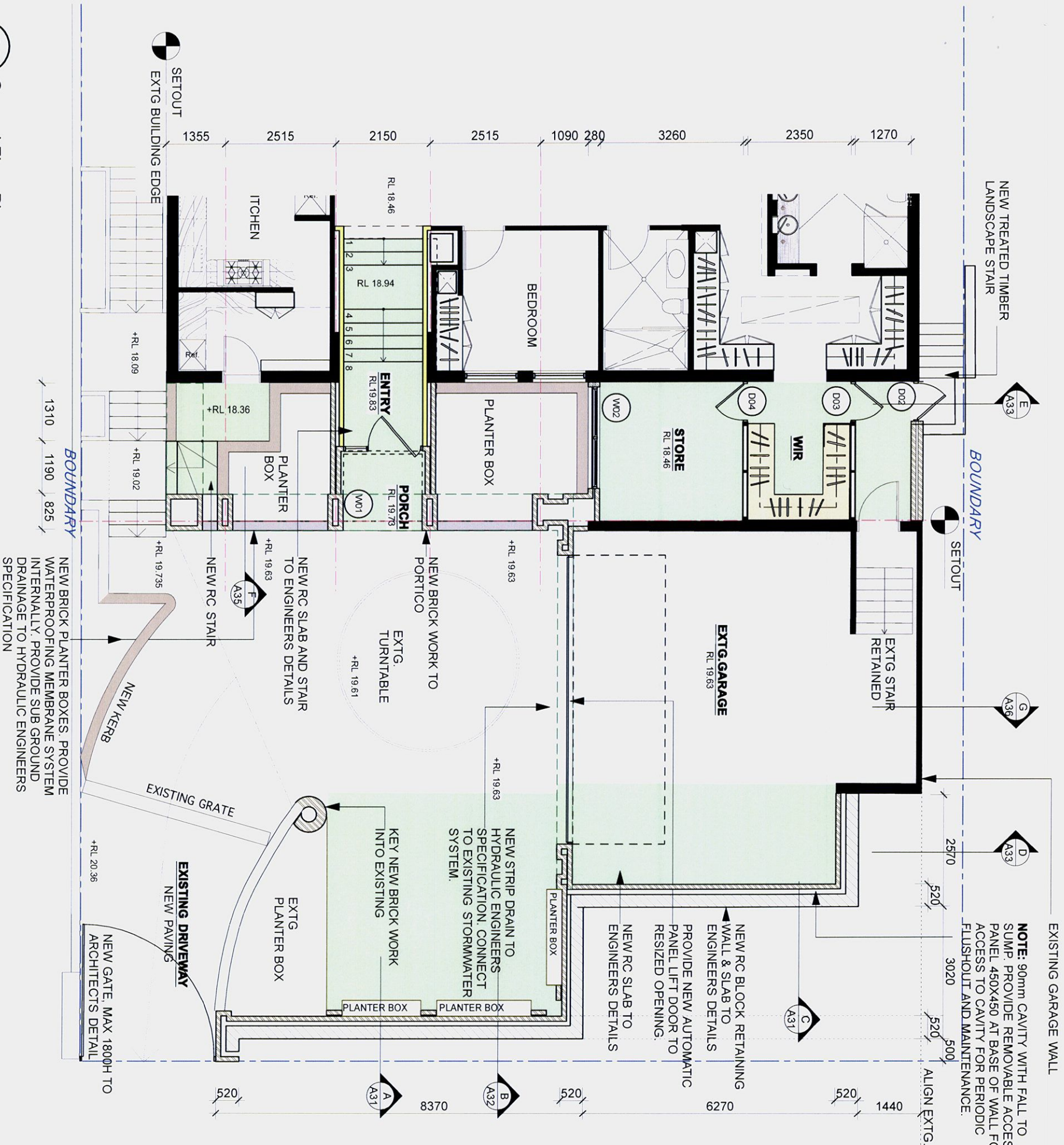
insight
building certifiers pty ltd

CONSTRUCTION CERT. NO. 2011/4416

CONSTRUCTION CERTIFICATE PLANS

I certify that the work completed in accordance with these plans & specifications will comply with the regulations referred to in Section 81A(5) of the Environmental Planning & Assessment Act 1979

T. Bowden Accreditation No. BPB0042



01 Ground Floor Plan
Scale 1:100

EXISTING GARAGE WALL

NOTE: 90mm CAVITY WITH FALL TO SUMP. PROVIDE REMOVABLE ACCESS PANEL 450X450 AT BASE OF WALL FOR ACCESS TO CAVITY FOR PERIODIC FLUSHOUT AND MAINTENANCE.

PLUMBING & DRAINAGE

PROVIDE PLUMBING SUPPLY AND DRAINAGE TO THE FIXTURE SHOWN IN THE DRAWINGS

STORMWATER DRAINAGE SHALL COMPLY WITH THE DRAWINGS. THE BCA AND RELEVANT AUSTRALIAN STANDARDS INCLUDING AS/NZS 3500.2, AS/NZS 3500.5

FINISH GROUND LEVELS AND PROVIDE DRAINAGE SYSTEM SUFFICIENT TO PREVENT THE ENTRY OF WATER INTO THE BUILDING. THE FINISHED GROUND LEVEL (INCLUSIVE OF ANY PAVING) SHALL BE AT LEAST 150mm BELOW THE FINISHED FLOOR LEVEL OF HABITABLE ROOMS, IN ACCORDANCE WITH THE DRAWINGS AND TO THE REQUIREMENTS OF THE CONSENT AUTHORITY.

CONCRETE

CONCRETE SHALL COMPLY WITH THE DRAWINGS, STRUCTURAL ENGINEERS SPECIFICATION, THE BCA AND RELEVANT STANDARDS INCLUDING AS3600, AS3610 & AS2870

CONCRETE SLAB ON GROUND
A BEDDING SAND LAYER 50 TO 100mm IN THICKNESS SHALL BE PLACED OVER THE COMPACTED SOIL BASE TO THE LEVEL OF THE UNDERSIDE OF THE SLAB.

VAPOUR BARRIERS SHALL COMPLY WITH THE DRAWINGS. THE BCA AND RELEVANT STANDARD AS4200, UNLESS STATED OTHERWISE, VAPOUR BARRIERS SHALL BE NOT LESS THAN MEDIUM IMPACT RESISTANCE POLYETHYLENE VAPOUR BARRIER 0.2mm THICK.

REINFORCEMENT SHALL COMPLY WITH STRUCTURAL ENGINEERS DRAWINGS. THE BCA & RELEVANT AUSTRALIAN STANDARDS INCLUDING AS4671 & AS2870

TRENCHES AND FOOTING EXCAVATIONS SHALL BE DEWATERED AND CLEANED PRIOR TO CONCRETE PLACEMENT SO THAT NO SOFTENED OR LOOSENED MATERIAL REMAINS.

ALL CONCRETE SHALL BE COMPACTED BY MECHANICAL IMMERSION VIBRATOR.

CONCRETE SURFACES SHALL BE FINISHED AS NOTED:

FLOOR SLAB - STEEL FLOAT

EXTERNAL PATHS, DRIVEWAYS AND PARKING AREAS AT LESS THAN 10% SLOPE - FINE BROOMED STEEL FLOAT

EXTERNAL PATHS, DRIVEWAYS AND PARKING AREAS AT GREATER THAN 10% SLOPE - COARSE BROOMED STEEL FLOAT

VERTICAL SURFACES EXPOSED IN THE COMPLETED BUILDING - RUBBED BACK TO FILL ALL VOIDS AND PROVIDE SMOOTH SURFACE.

VERTICAL SURFACES NOT EXPOSED IN THE COMPLETED BUILDING - OFF FORM FINISH

ALL CONCRETE SHALL BE CURED USING A SPRAYED CURING COMPOUND. WAX-BASED COMPOUNDS SHALL BE USED IN AREAS REQUIRING THE SUBSEQUENT APPLICATION OF CURING ADHESIVE.

UNLESS ADVERSE WEATHER OR THE USE OF RETARDERS DELAYS THE HARDENING OF CONCRETE, THE MINIMUM STRIPPING TIME FOR FORMWORK SHALL BE 3 DAYS

STRUCTURAL STEEL

STRUCTURAL STEELWORK SHALL COMPLY WITH THE DRAWINGS. THE STRUCTURAL ENGINEERS DRAWINGS, THE BCA AND RELEVANT STANDARDS INCLUDING AS4100, NBCI SECTION 6.6 & IS 800

ALL STEEL MEMBERS SHALL BE ADEQUATELY PROTECTED FROM CORROSION. EXPOSED STEEL SHALL BE GALVANISED

TIMBER WALL, FLOOR & ROOF FRAMING

TIMBER CONSTRUCTION SHALL COMPLY WITH THE DRAWINGS. THE STRUCTURAL ENGINEERS DRAWINGS, THE BCA AND RELEVANT STANDARD INCLUDING AS1684 & AS 1720.

ELECTRICAL INSTALLATION

ALL COMPONENTS AND INSTALLATION SHALL COMPLY WITH BCA AND RELEVANT AUSTRALIAN STANDARD, INCLUDING AS/NZS 3000 AND AS 3006.

THE INSTALLATION MUST BE UNDERTAKEN IN ACCORDANCE WITH THE SUPPLY AUTHORITY'S REQUIREMENTS AS WELL AS THE RELEVANT AS AND CODE

MASONRY

ALL MATERIALS AND CONSTRUCTIONS SHALL BE IN ACCORDANCE WITH THE DRAWINGS. THE STRUCTURAL ENGINEERS DRAWINGS. THE BCA AND THE RELEVANT STANDARDS INCLUDING AS 3700.

DAMP PROOF CAUSES SHALL BE BUILT INTO THE MASONRY IN ACCORDANCE WITH DRAWINGS. BUILDING REGULATIONS AND RELEVANT STANDARD.

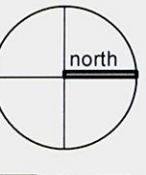
FLASHING SHALL BE BUILT INTO MASONRY IN ACCORDANCE WITH THE DRAWINGS. BUILDING REGULATIONS AND RELEVANT STANDARDS. UNLESS STATED OTHERWISE, FLASHING SHALL BE FIXED WITH CLOUTS TO TIMBER STUDS OR BUILT INTO AN INNER LEAF OF MASONRY AS APPLICABLE. BUILT INTO THE EXTERNAL LEAF OF WALLS EXPOSED TO WEATHER, EXTENDING ACROSS THE CAVITY TURNED UP 150mm AND NAILED TO THE FRAME OR BUILT 30mm INTO AN INNER LEAF OF MASONRY, POSITIONED AT OPENINGS (UNLESS THEY ARE PROTECTED BY AN OVERHANG) WHERE THEY SHALL EXTEND 100mm PAST THE END OF OPENING AND BE TURNED UP TO PREVENT LEAKAGE.

WINDOWS, DOORS & GLAZING

WINDOWS, DOORS AND GLAZING SHALL COMPLY WITH DRAWINGS. BASIC REPORT, BCA AND RELEVANT AUSTRALIAN STANDARDS INCLUDING AS 1288, IS 2835. INSTALL SO THAT THE FRAMES ARE PLUMB, LEVEL, STRAIGHT AND TRUE AND ADEQUATELY FIXED OR ANCHORED TO THE BUILDING STRUCTURE.

INSULATION

ALL COMPONENTS AND INSTALLATION SHALL COMPLY WITH THE BUILDING CODE OF AUSTRALIA, BASIC REPORT AND THE RELEVANT AUSTRALIAN STANDARDS, INCLUDING AS/NZS 4859.1 AS 3999.



NSW Reg. Number 6385 Robert Weir

Don & Fiona Telford

Ground Floor Plan

Architects

Level 5, 67-69 Regent Street, Chippendale NSW 2008

02 9232 9100

PROJECT #

TRN

A03

PROJECT #

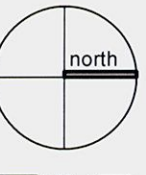
TRN

A03

PROJECT #

TRN

A03



NSW Reg. Number 6385 Robert Weir

Don & Fiona Telford

Ground Floor Plan

Architects

Level 5, 67-69 Regent Street, Chippendale NSW 2008

02 9232 9100

PROJECT #

TRN

A03

PROJECT #

TRN

A03

PROJECT #

TRN

A03

RT1- COPPING ROOFING ON EXTERNAL GRADE PLYWOOD SUBSTRATE TO TIMBER FRAME

STORMWATER DRAINAGE SHALL COMPLY WITH THE DRAWINGS THE BCA AND

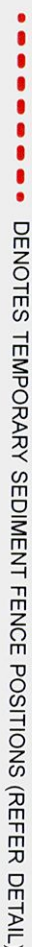
3300.3. CONNECT TO EXISTING STORMWATER DRAINAGE SYSTEM

GENERAL FLASHING, BARGE ANGLE AND BARGE AS REQUIRED





Scale 1:100



A, GENERAL

- B. PRIOR TO ANY CLEARING OR EXCAVATION AT THE**

PROJECT SITE, A TEMPORARY SEDIMENT TRAP ARRANGEMENT SHALL BE MADE TO ENSURE THE CAPTURE OF ANY WATER BORNE MATERIAL GENERATED FROM THE SITE.

PROVIDE SEDIMENT FENCE AS SHOWN ON PLAN

CONSTRUCT STEEL SHAKER GRID SIMILAR TO CATTLE FROM STEEL BEDDED ON 50 - 75mm GRAVEL AND AND GEOTEXTILE ACROSS MAIN ACCESS TO SITE AND MAINTAIN UNTIL ALL SURFACES HAVE BEEN REVEGETATED AND PAVED

1) SILTATION PROTECTION DESCRIBED ABOVE SHALL BE MAINTAINED DURING THE COURSE OF CONSTRUCTION.

- 2) NEWLY CONSTRUCTED PITS SHALL BE PROTECTED FROM ANY SEDIMENT ENTRY.
- 3) ONCE IN PLACE, NO SILTATION PROTECTION SHALL BE REMOVED WITHOUT COUNCIL APPROVAL.
- 4) AFTER EACH STORM, ALL SEDIMENT TRAPS SHALL BE CLEANED AND REPLACED (IF REQUIRED) TO COUNCIL'S SATISFACTION.
- 5) OTHER METHODS OF SEDIMENT CONTROL AS MAY BE REQ'D BY THE COUNCIL SHALL BE COMPLIED WITH.

[illegible]

EXTG. RIDGE
RL 23.39

COPPER PARAPET CAPPING TO
CONTINUOUS BACKING BOARD.
PROVIDE 3 FALL TO INSIDE OF
PARAPET.

BOUNDARY

ENTRY
RL 19.73

EXTG. GROUND FLOOR
RL 18.46

02 North Elevation
Scale 1:50

EXTG. RIDGE
RL 23.39

ENTRY
RL 19.83

EXTG. GROUND FLOOR
RL 18.46

TERRACE
RL 18.36

ASSUMED GROUND LINE.
VERIFY ON-SITE

LINE OF EXTG. BUILDING

RL 23.030

RL 22.130

COPPER ROOF ON 20mm EXTERNAL GRADE
PLYWOOD SUBSTRATE ON TIMBER FRAMING
AS REQUIRED. REFER TO MANUFACTURERE
DETAILS AND SPECIFICATION

REINFORCED CONCRETE LINTEL OVER
OPENING AS PER STRUCTURAL ENGINEERS
SPECIFICATION

NEW BRICK PORTICO, RENDER AND PAINT
FINISH

EXISTING EXTERNAL STEPS AND DRIVEWAY
LEVEL ASSUMED, VERIFY ON-SITE

ENDERED BUILDING

01 Part South Elevation
Scale 1:500

Weir Phillips Architects

NSW Reg Number 6385 Robert Weir
DO NOT SCALE DRAWINGS. CHECK ALL DIMENSIONS AND LEVELS ON SITE.
RENDER DISCREPANCIES TO ARCHITECT PRIOR TO COMMENCING WORK.
CONTRACT FORM HAS DESIGN RESIDES WITH THE ARCHITECT

DATE	DATE	REVISION
15/07/16	15/07/16	CONSTRUCTION CERTIFICATE ISSUE
A	15/07/16	Preliminary GC
B	15/07/16	
C	15/07/16	
PROJECT #	8 Prince Alfred Parade, Newport	PROJECT #
CLIENT	Don & Fiona Telford	CLIENT
DATE #	03/07/2016	DATE #
SCALE #1	1:50	SCALE #1
SCALE #2		SCALE #2
SCALE #3		SCALE #3
SCALE #4		SCALE #4
SCALE #5		SCALE #5
SCALE #6		SCALE #6
SCALE #7		SCALE #7
SCALE #8		SCALE #8
SCALE #9		SCALE #9
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Level 5 47-49 Regent Street, Chippendale NSW 2008
T 02 9310 1000

REPLACE EXISTING PARAPET CAPPING
WITH NEW COPPER CAPPING

NEW ROOF TILES ON TIMBER FRAMING
TO MANUFACTURER DETAILS

ALLOW FOR NEW INSULATION TO
CEILING TO BASIX REQUIREMENTS

EXISTING HOUSE AND FOOTING
ASSUMED. VERIFY CONFIGURATION
ON-SITE

EXISTING GARAGE ASSUMED.
VERIFY CONFIGURATION ON-SITE

COPPER PARAPET CAPPING TO
CONTINUOUS BACKING BOARD.
PROVIDE 3° FALL TO INSIDE OF
PARAPET.

REINFORCED CONCRETE BLOCK
RETAINING WALL (RWT1). REFER TO
STRUCTURAL ENGINEERS
SPECIFICATIONS

120mm CAVITY. PROVIDE FALL TO
DRAIN. ALLOW ACCESS TO CAVITY FOR
PERIODIC MAINTENANCE AND FLUSH
OUT

REINFORCED CONCRETE FOOTING TO
RETAINING WALL. REFER STRUCTURAL
ENGINEERS SPECIFICATIONS

PROVIDE SUB-GROUND
DRAINAGE. REFER HYDRAULIC
ENGINEERS DETAILS

02 Section C
Scale 1:50

COPPER ROOF ON 20mm EXTERNAL GRADE
PLYWOOD SUBSTRATE ON TIMBER FRAMING AS
REQUIRED. REFER TO MANUFACTURER DETAILS
AND SPECIFICATION

COPPER PARAPET CAPPING TO CONTINUOUS
BACKING BOARD. PROVIDE 3° FALL TO INSIDE
OF PARAPET.

ALUM. FRAMED CLEAR AIR GAP GLAZED ROOF
PER BASIX REQUIREMENT

COPPER PARAPET CAPPING TO
CONTINUOUS BACKING BOARD.
PROVIDE 3° FALL TO INSIDE OF
PARAPET.

13mm PLB LINING AND
PAINT FINISH

19mm T&G HARDWOOD
FLOORING TO MATCH
EXISTING

ENTRY
RL 19.83

RC STAIR TO
STRUCTURAL
ENGINEERS DETAILS

EXTG. GROUND FLOOR
RL 18.46

RECESS

REINFORCED CONCRETE LINTEL OVER OPENING
AS PER STRUCTURAL ENGINEERS SPECIFICATION
BRICK PORTICO, RENDER AND
PAINT FINISH (TBA)
NEW STONE PAVING AS PER SPECIFICATION

REINFORCED CONCRETE
LINTEL OVER OPENING AS
PER STRUCTURAL
ENGINEERS SPECIFICATION
BRICK FACING TO RETAINING
WALL

EXISTING CONCRETE SLAB DRIVEWAY

EXISTING VEHICLE TURNTABLE
EXISTING RETAINING WALL AND FOOTING
TO DRIVEWAY ASSUMED. VERIFY
CONFIGURATION ON-SITE

ALIGN NEW REINFORCED CONCRETE SLAB
WITH EXISTING DRIVEWAY. REFER TO
STRUCTURAL ENGINEERS SPECIFICATIONS
120mm CAVITY. PROVIDE FALL TO DRAIN.
ALLOW FOR ACCESS TO CAVITY FOR
PERIODIC MAINTENANCE

01 Section A
Scale 1:50

Weir Phillips Architects

NSW Reg. Number 6188 Robert Weir
DO NOT SCALE DRAWINGS. CHECK ALL DIMENSIONS AND LEVELS ON SITE.
REPORT DISCREPANCIES TO ARCHITECT PRIOR TO COMMENCING WORK.
CONTRIBUTOR FOR THIS DESIGN REDES WITH THE ARCHITECT

A		DATE	REVISION	REVISION #
PROJECT	8 Prince Alfred Parade, Newport	DATE	20/07/2023	TRN
CLIENT	Don & Fiona Telford	SCALE	8.00	1:50
NO	Section A	DATE	20/07/2023	A31
NO	Section A	DATE	20/07/2023	C

RE-TILE EXISTING TIMBER FRAMED ROOF. PROVIDE SARKING AND INSULATION AS PER BASIX REQUIREMENTS

EXTEND EXISTING BRICK WALL TO FORM NEW PARAPET, COPPER CAPPING

ASSUME EXISTING CEILING LEVEL. VERIFY ON-SITE

PURPOSE FORMED COPPER BOX GUTTER, CONNECT TO EXISTING OUTLET

EXISTING HOUSE AND FOOTING ASSUMED. VERIFY CONFIGURATION ON-SITE

NEW WINDOW

NEW PLANTER

REINFORCED CONCRETE LINTEL OVER OPENING AS PER STRUCTURAL ENGINEERS SPECIFICATION

BRICK PORTICO, RENDER AND PAINT FINISH (TBA)

STONE CAPPING AS PER SPECIFICATION

EXISTING RETAINING WALL AND FOOTING TO DRIVEWAY ASSUMED. VERIFY CONFIGURATION ON-SITE

NEW RC SLAB AND CONCRETE BLOCK PLANTER WALL TO STRUCTURAL ENGINEERS DETAILS. PROVIDE WATERPROOFING AND SUB-SOIL DRAIN TO PLANTER BOX

03 Section B Scale 1:50

01 02

03 Section B
Scale 1:50

02 Parapet
Scale 1:50

830

640

BRICK PARAPET, RENDER AND PAINT FINISH

REINFORCED CONCRETE UNTEL OVER
OPENING AS PER STRUCTURAL ENGINEERS
SPECIFICATION

02 Parapet
Scale 1:50

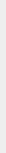
830

REINFORCED CONCRETE UNTEL OVER
OPENING AS PER STRUCTURAL ENGINEERS
SPECIFICATION

640

Architectural section drawing showing a cross-section of a building facade and interior space. The drawing includes the following dimensions and labels:

- Dimensions: 350, 350, 565, 615, 830, 440, 350, 6575, 350, 350, 350, 2215, 350, 350.
- Label: PLANTER (written vertically along the wall section).
- The drawing shows a cross-section of a wall and floor assembly, with a dashed line indicating a structural break.



01

Part Plan

Scale 1:50

Weir Phillips

Architects

8 Prince Alfred Parade, Newport

NSW RCE NUMBER 6185 ROBERT WEIR

DATE	REVISION	PROJECT	TRAIL
10/2/11			
2/2/12			
8/7/10			

CONSTRUCTION CERTIFICATE (RCE)

Building Name

8 Prince Alfred

10/2/11

2/2/12

8/7/10

PROVIDE NEW ROOF TILES
AND SARKING

NEW TIMBER ROOF FRAMING
TO MATCH EXISTING TO
STRUCTURAL ENGINEERS
DETAILS

--	--

**FALL TO DRAIN, ALLOW
ACCESS TO CAVITY FOR
PERIODIC MAINTENANCE
AND FLUSH OUT**

**PROVIDE WATERPROOFING
MEMBRANE TO SUB-GROUND
WALLS WHERE APPLICABLE**

120mm CAVITY PROVIDE

~~NEW COPPER GUTTER AND
DOWNPIPE AS SPECIFIED~~

NEW TIMBER ROOF FRAMING
TO MATCH EXISTING TO
STRUCTURAL ENGINEERS
DETAILS

PROVIDE SUB-SOIL DRAINAGE TO BASE OF RETAINING WALL REFER TO HYDRAULIC ENGINEERS SPECIFICATION

02 Parapet
REINFORCED CONCRETE LINTEL OVER
Scale 1:50 OPENING AS PER STRUCTURAL ENGINEERS
SPECIFICATION

01	Part Plan
	Scale 1:50

EXTEND EXISTING BRICK
WALL TO FORM NEW
PARAPET. COPPING
CAPPING

NEW GUTTER TO DETAILS

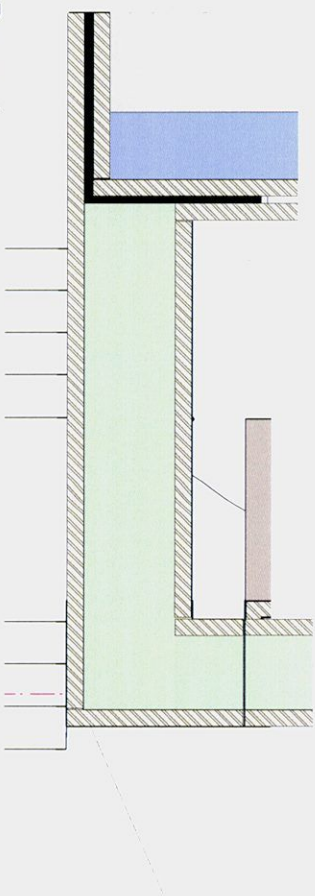
**NEW/RC STAIR, SLAB AND
FOOTING TO STRUCTURAL
ENGINEERS
SPECIFICATIONS**

NEW PLANTER BOX
TO DETAIL

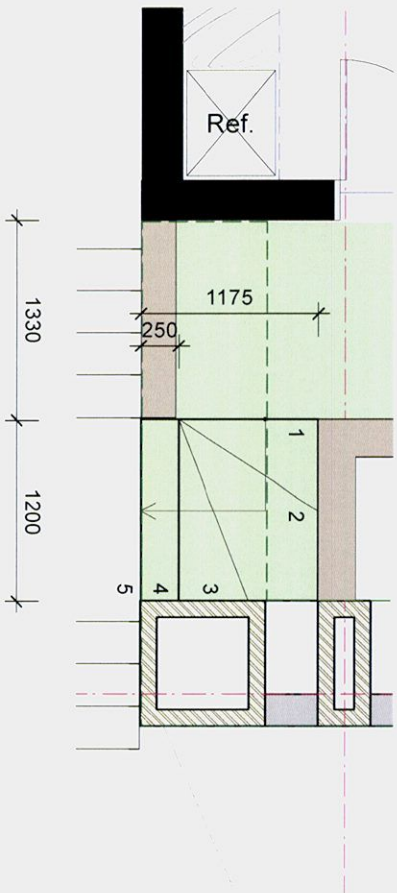
Architectural section drawing of a building facade. The drawing shows a cross-section of a wall and roof assembly. Key components include:

- NEW BRICK NEW PING**: A label pointing to the top edge of the wall.
- DETAILS**: A label pointing to a small detail of the roof edge.
- SLAB AND STRUCTURAL**: A label pointing to the roof slab.
- NEW PLANTER BOX TO DETAIL**: A label pointing to a new planter box structure.
- Dimensions**: A dimension of **865** is shown for the planter box, and a dimension of **100** is shown for a small step or offset.
- Callouts**: Two circular callouts labeled **01** and **02** are located at the bottom of the drawing, pointing to specific structural elements.

03 Section F
Scale 1:50



02 Parapet
Scale 1:50



01
Part Plan
Scale 1:50

Weir Phillips Architects

NSW Reg Number 6385 Robert Weir

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C		132		CONSTRUCTION CARPENTRY ISSUE	
A		8/9/10		PENDING FOR CC	
ISSUE	DATE	REVISION			
8 Donce Alfred Parade Newport			TRN		
D Prince & Fiona Telford					
Section F					
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A350					
CHECK	NO	REVISION			
Lined 5 67269 Regent Street Chippendale NSW 2008 Tel 02 9331 0010 Fax 02 9331 0088 www.mccapell.com.au info@mccapell.com.au					

Level 5 67-69 Regent Street Chippendale NSW 2008
T 612 9310 1010 F 612 9310 1088 W www.werphilips.com.au
E info@werphilips.com.au

COPPER PARAPET CAPPING TO CONTINUOUS BACKING BOARD. PROVIDE 3° FALL TO INSIDE OF PARAPET.

PURPOSE FORM COPPER BOX GUTTER, REFER DETAILS

REINFORCED CONCRETE BLOCK RETAINING WALL (RWT1). REFER TO STRUCTURAL ENGINEERS SPECIFICATIONS

120mm CAVITY. PROVIDE FALL TO DRAIN. ALLOW ACCESS TO CAVITY FOR PERIODIC MAINTENANCE AND FLUSH OUT

REINFORCED CONCRETE FOOTING TO RETAINING WALL. REFER STRUCTURAL ENGINEERS SPECIFICATIONS^c

NEW GATE MAX 100H TO DETAILS

RL 23.030

REINFORCED CONCRETE LINTEL OVER OPENING AS PER STRUCTURAL ENGINEERS SPECIFICATION

EXTG. GARAGE

ENTRY

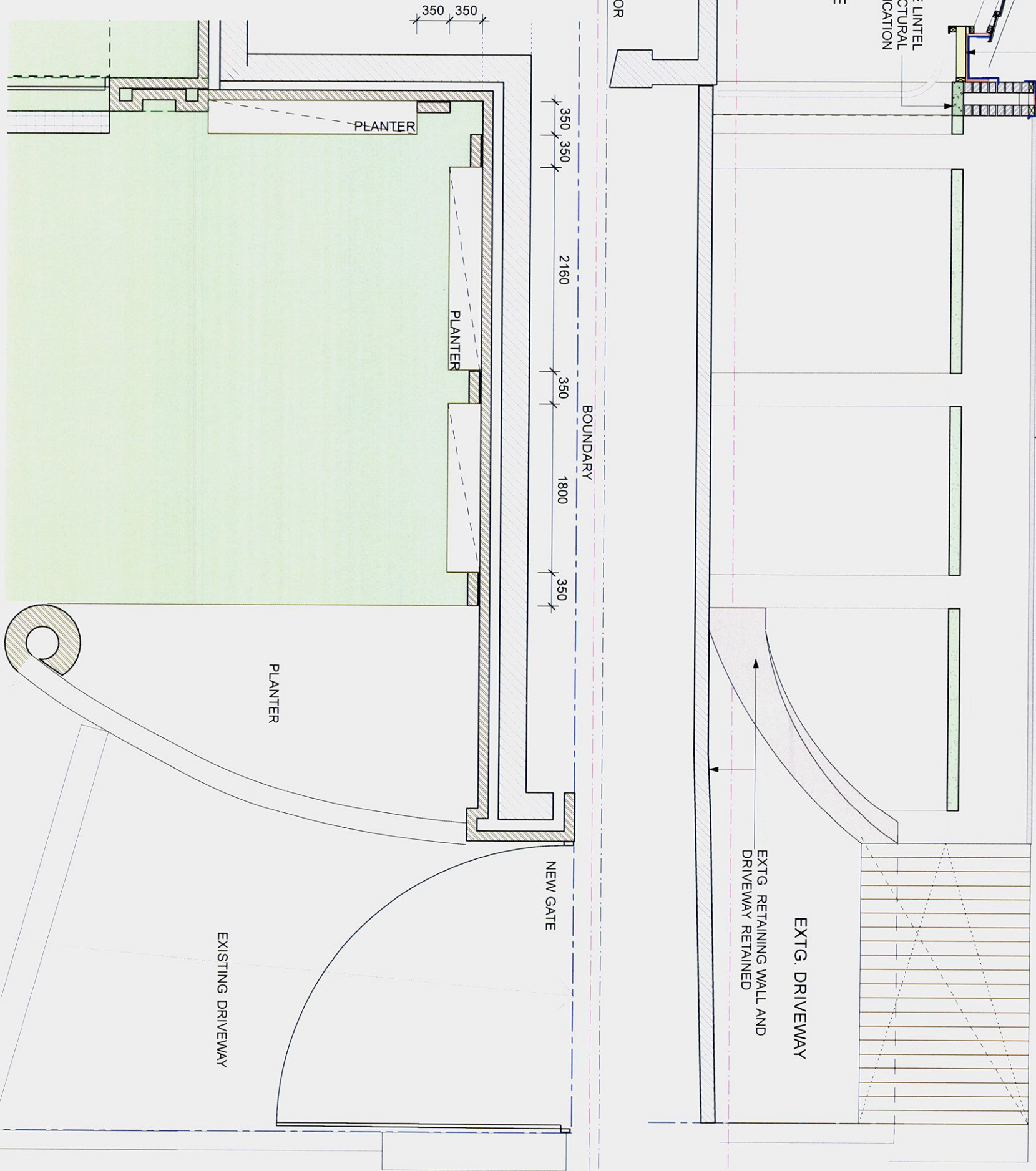
RL 19.83

EXTG. GROUND FLOOR

RL 18.46

02 Section G

Scale 1:50



01 Part Plan

Scale 1:50

Wcir Phillips Architects

NSW Reg Number 138 Robert Wier

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Copyright for this design resides with the architect



B		13/7/11		CONSTRUCTION CERTIFICATE ISSUE	
NO.	DATE	REVISION	DRAWN BY		
1	13/7/11		Don & Fiona Telford		
2	27/7/11		Don & Fiona Telford		
3	27/7/11		Don & Fiona Telford		
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90	27/7/11		Don & Fiona Telford		

GEOTECHNICAL RISK MANAGEMENT POLICY FOR PITTWATER
FORM NO. 2 – PART B – To be submitted with detailed design for Construction Certificate

PART B Declaration made by Geotechnical Engineer or Engineering Geologist and/or Coastal Engineer (where applicable) in relation to the incorporation of the Geotechnical issues into the project design

I, G.R. Wilson on behalf of DOUGLAS BRADSHAW Pty Ltd
 (insert name) (trading or company name)

on this the 11 July 2011
 (date)

certify that I am a Geotechnical Engineer or Engineering Geologist and/or Coastal Engineer as defined by the Geotechnical Risk Management Policy for Pittwater - 2009 and 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. I also certify that I have reviewed the design plans and structural design plans for the Construction Certificate Stage and that I am satisfied that:

Please mark appropriate box

- ☒ the structural design meets the recommendations as set out in the Geotechnical Report or any revision thereto.
☐ the structural design has considered the requirements set out in the Geotechnical Report for Excavation and Landfill both for the excavation/construction phase and the final installation in accordance with Clause 3.2 (b)(iv) of the Geotechnical Risk Management Policy.

Geotechnical Report Details:

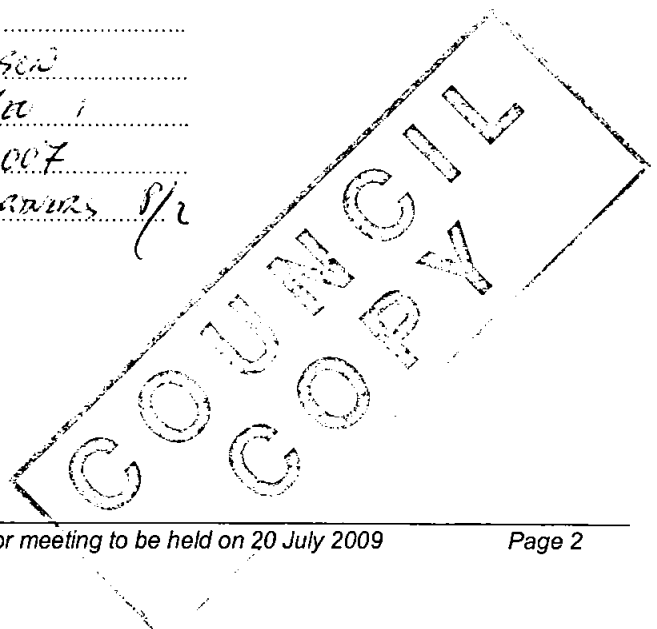
Report Title:	<u>GEOTECHNICAL ASSESSMENT PROPOSED REDEMPTION AND ADDITION</u> <u>ST PRINCE ALFRED PRIVATE RESIDENT</u>
Report Date:	<u>10 AUGUST 2007</u>
Author:	<u>G.R. WILSON</u>

Documentation which relates to or is relied upon in report preparation: 7 SUBSEQUENT COMMENTS

ARCHITECTURAL DRAWINGS: <u>ALL, OLD AND NEW - NO 2 WEIR + PHILLIPS ARCHITECTS</u>
CONSTRUCTION DRAWINGS: <u>ALL - HODGINS ARCHITECTS (DRAWINGS DATED 28/6/03 - 17/10/05)</u> <u>WEIR PHILLIPS ARCHITECTS</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.

Signature [Signature]
 Name G.R. Wilson
 Chartered Professional Status RPEA
 Membership No. 10007
 Company DOUGLAS BRADSHAW Pty Ltd



GEOTECHNICAL RISK MANAGEMENT POLICY FOR PITTWATER
FORM NO. 2 – PART A – To be submitted with detailed design for Construction Certificate

Development Application for _____

Name of Applicant

Address of site B PRINCE ALFRED PDE, NEWPORT

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

I. BEUCE HUTCHISON on behalf of CHAPMAN HUTCHISON PTY LTD
(insert name) (trading or company name)

on this the 06.07.11
(date)

certify that I am a Structural or Civil Engineer as defined by the Geotechnical Risk Management Policy for Pittwater - 2009. 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. 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 and that

Please mark appropriate box



the structural design meets the recommendations as set out in the Geotechnical Report or any revision thereto.
the structural design has considered the requirements set out in the Geotechnical Report for Excavation and Landfill both for the excavation/construction phase and the final installation in accordance with Clause 3.2 (b)(iv) of the Geotechnical Risk Management Policy.

Geotechnical Report Details:

Report Title: Project N° 36370 B Prince Alfred Pde, Newport
Report Date: 6 August 2007
Author: G. WILSON
Author's Company/Organisation: DOUGLAS PARTNERS

Structural Documents list:

CHAPMAN HUTCHISON DRAWING N°S 6683/11-13

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.

Signature [Signature]

Name B. A. HUTCHISON

Chartered Professional Status C.P. Eng. MIE Aust NPER

Membership No. 294 846

Company CHAPMAN HUTCHISON PTY LTD

DEVELOPMENT APPLICATION (Section 96)

8 PRINCE ALFRED PARADE, NEWPORT

DRAWING LISTS:

- DA 000 LOCATION & ROOF / SITE PLAN
- DA 001 SURVEY PLAN
- DA 002 GROUND FLOOR PLAN
- DELETED
- DA 004 ROOF PLAN
- DA 005 EAST & SOUTH ELEVATION
- DA 006 NORTH & WEST ELEVATION
- DA 007 SITE ELEVATION / ANALYSIS & NEW STUDIO SECTION
- DA 008 AREA CALCULATION PLAN
- DA 009 COLOR SCHEME/FINISH SCHEDULE
- DA 010 SHADOW DIAGRAMS

SYDNEY WATER APPROVED

- The position of the proposed building/building works in relation to Sydney Water's pipes and structures are satisfactory.
- Connections to Sydney Water's sewer watermain or stormwater may only be made following the issue of a permit to a licensed plumber/drainier.
- It is the owner's responsibility to ensure that all proposed fittings will drain to Sydney Water's sewer.
- All Plumbing and/or Drainage Work is to be carried out in accordance with the NSW Code of Practice, AS 3500 and the Sydney Water Act 1994.
- Gullies, Inspection Shafts and Boundary Traps shall not be placed under any Roof, Balcony, Verandah, Floor or other cover unless otherwise approved by Sydney Water.
- Property No. 34A 7262

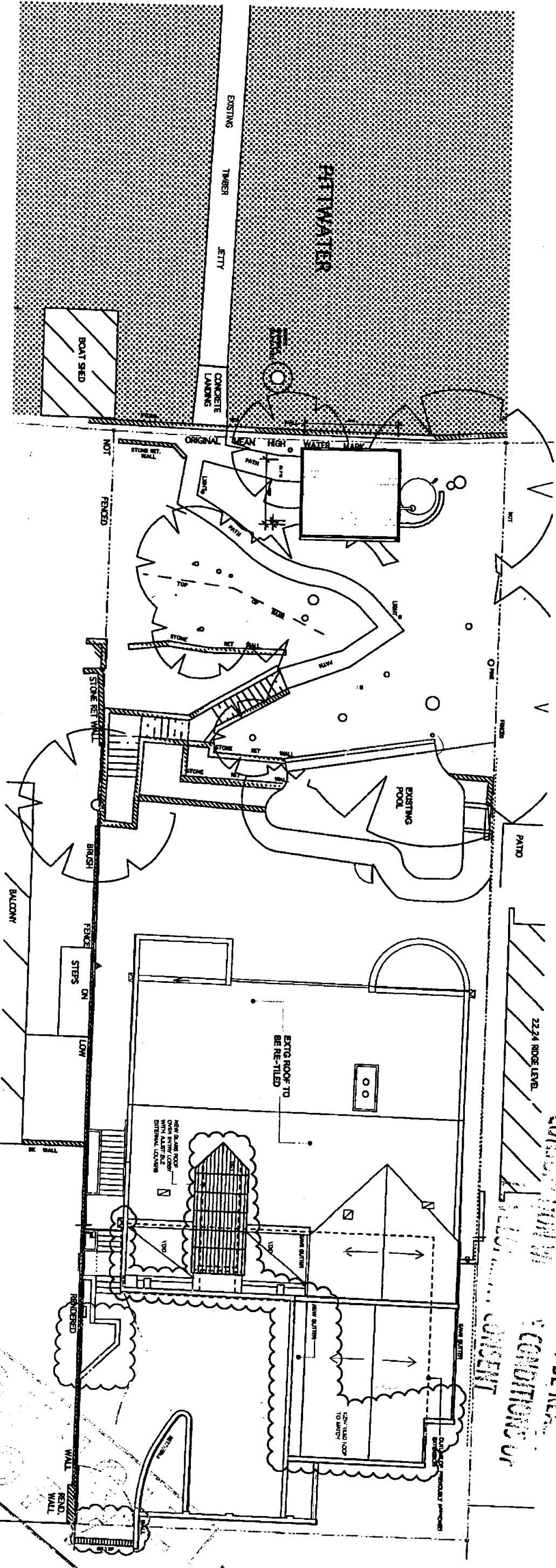
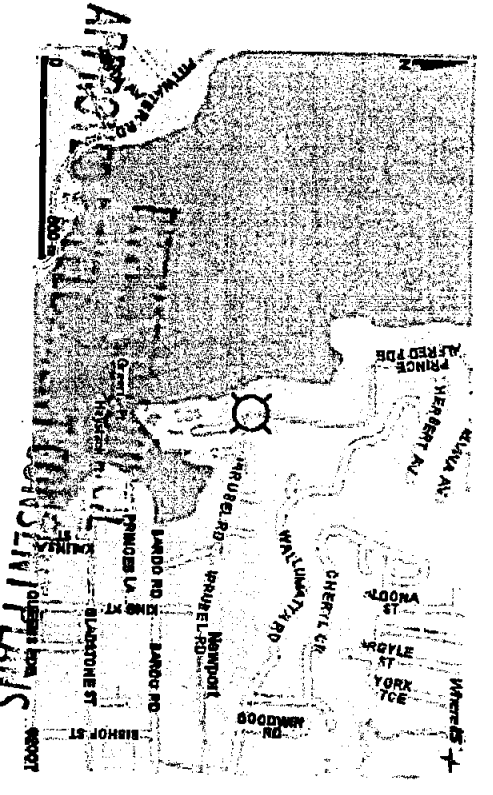
Reece Plumbing, Balmain
Quick Check Agent on behalf of
SYDNEY WATER

Per: [Signature] 8/7/11
NOTE: DRIVEWAY IN ZONE, RE-SURFACING ONLY!! 8/7/11

1 Location Plan

Scale: NTS

NOTE: THESE PLANS MUST BE RE-APPROVED BY THE LOCAL COUNCIL



2 Roof/Site Plan

Scale: 1:200

West Phillips Architects		Project: Proposed Alterations & Additions of a New Studio Tailored Residence 8 Prince Alfred Parade, Newport		Drawing: Location plan & Roof/Siteplan	
Level 5 67-69 Regent Street, Chippendale NSW 2008 Tel: 02 9310 1010 Fax: 02 9310 1088 DO NOT SCALE DRAWINGS. CHECK ALL DIMENSIONS AND LEVELS ON SITE. REPORT DIMENSIONS TO ARCHITECT PRIOR TO COMMENCING WORK. CONSULT FOR THE DESIGN SERIES WITH THE ARCHITECT.		Date: March 2010 Issue: - SEC. 96		Scale: 1:200	
Project code: TRN		Scale: As shown @ A3		SWG NO.: 000	
Drawn by: AS/ho		Checked by: RW		Revision: SEC. 96	
Revision date: March 2010					

CHAPMAN HUTCHISON PTY LTD

6 July 2011

Weir Phillips
Level 5
69 Regent Street
CHIPPENDALE NSW 2008

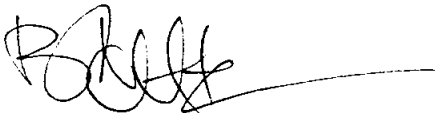
Attention: Mr R Weir

Dear Sir,

**RE: ALTERATIONS AND ADDITIONS TO
8 PRINCE ALFRED PARADE, NEWPORT**

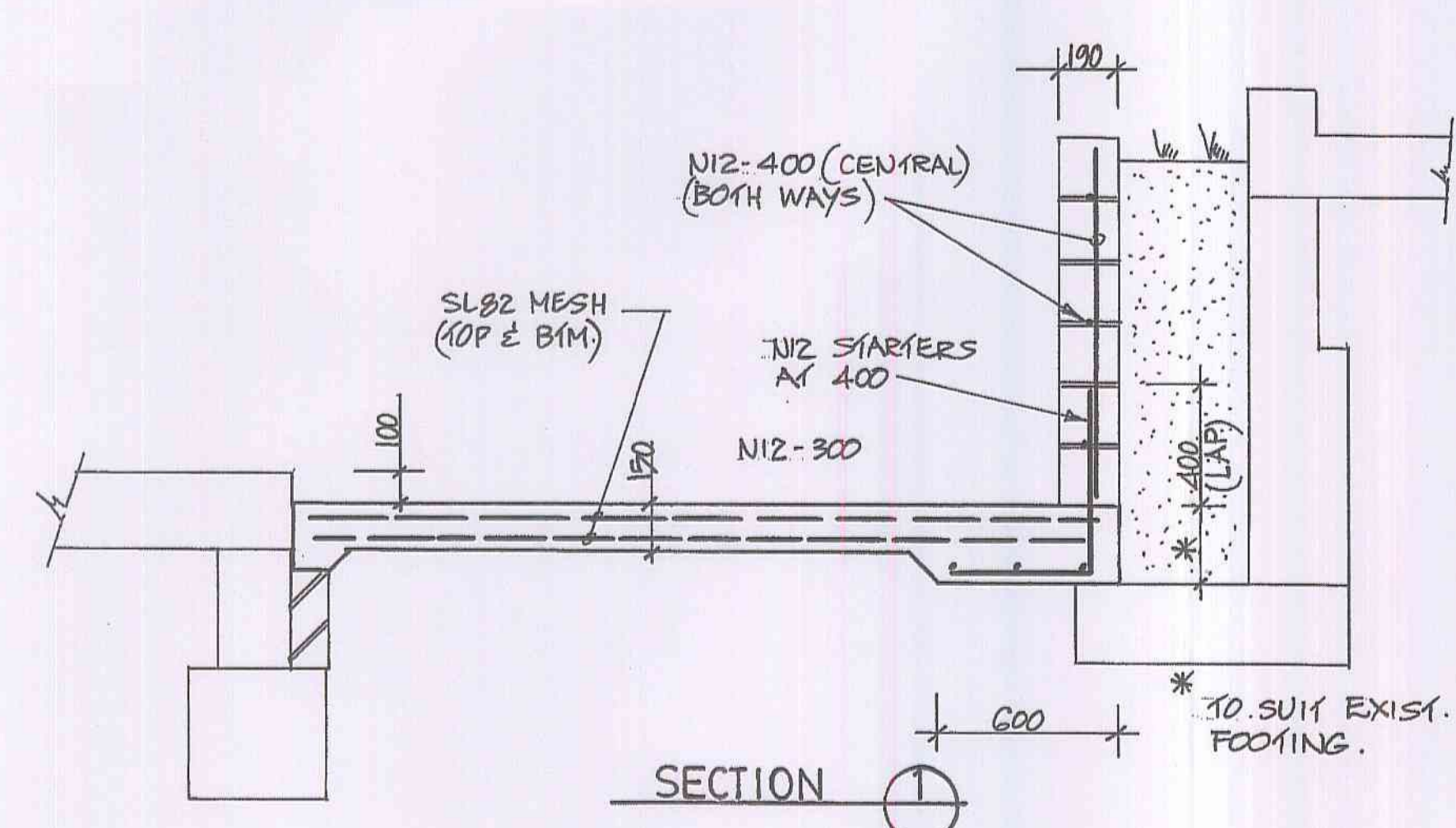
This is to certify that the structural elements shown on our Drawing Nos. 6683/11-13 have been designed in accordance with the Building Code of Australia and the relevant SA Codes for structural adequacy, in particular AS 1170, AS 1684, AS 1720, AS 2870, AS 3600, AS 3700 & AS 4100.

Yours faithfully
CHAPMAN HUTCHISON PTY LTD



B A HUTCHISON

Level 1,
155 - 161 Willoughby Rd
Naremburn NSW 2065
Australia
Phone: (02) 9922 6322
Fax: (02) 9923 1270
Email:
bah_cha@chester.com.au



MASONRY				
M1	MATERIALS INCLUDING MORTAR, CONCRETE, GROUT SHALL COMPLY WITH SECTION 30 IN ASTM. MASONRY UNITS SHALL COMPLY WITH ASSAYS. WALL TIES SHALL COMPLY WITH ASSAYS.			
M2	MASONRY SHALL BE CONSTRUCTED IN ACCORDANCE WITH SECTION 10 IN ASTM.			
M3	MORTAR PROPORTIONS SHALL COMPLY WITH TABLES 5.1 AND 10.1 OF ASTM.			
M4	STRENGTH OF BRICKS, CLASS OF BLOCKS AND TYPE OF MORTAR SHALL BE AS FOLLOWS:			
ELEMENT		MATERIAL	CHARACTERISTIC UNCOMPRRESSED COMPRESSIVE STRENGTH F _u	MORTAR CLASSIFICATION TO ASTM
RETAINING WALLS		CONCRETE	20	M4
REMAINDER		SOLID CLAY	30	M4.

ELEMENT	SPECIES	STRENGTH GROUP	STRENGTH GRADE
AS NOTED	'HYSPAN'	LVL	F14
EXPOSED	TREATED PINE	SDS	F7
REMAINDER	SEASONED SOFTWOOD	SDS	MGP10

STRUCTURAL STEEL

ALL WORKSHIPMENT AND PARTS MATERIAL SHALL BE IN ACCORDANCE WITH AS 4100 UNLESS OTHERWISE VARYED BY THE CONTRACT DOCUMENTS.

UNLESS NOTED OTHERWISE, ALL STEEL SHALL BE IN ACCORDANCE WITH AS 3678 GRADE 300, AS 3678 GRADE 300, AS 1483 GRADE C300 OR AS1597 GRADE G400, AS APPROPRIATE.

(3) COPIES OR TRANSPARENT COPY OF WORKSHIPMENT FABRICATION DRAWINGS SHALL BE SUBMITTED TO THE INSURER FOR REVIEW AT LEAST 14 DAYS PRIOR TO COMMENCEMENT OF FABRICATION. PARTICIPATION SHALL NOT CONSTITUTE THE ENGINEER'S APPROVAL OF WORKSHIPMENT DRAWINGS. ALL DIMENSIONS AND DETAILS TO BE OBTAINED FROM STRUCTURAL DRAWINGS.

BOLT CATEGORY: DIMENSIONS

A/4,5 COMMERCIAL BOLTS OF GRADE A OR A51111 SINGS TIGHTENED
8/4,5 HIGH STRENGTH STRUCTURAL BOLTS OF GRADE 8.8 TO A5128 SINGS TIGHTENED

A/8,7 HIGH STRENGTH STRUCTURAL BOLTS OF GRADE 8.8 TO AS 1525 FULLY TENSORED TO 74 TO 4100 AS A BREAKING TIGHT JOINT
A/8,7 HIGH STRENGTH STRUCTURAL BOLTS OF GRADE 8.8 TO AS 1525 FULLY TENSORED TO 4100 AS A PRE-TENSION TIGHT JOINT WITH BUSH SURFACES LEFT UNCOATED

UNLESS NOTED OTHERWISE, ALL BOLTS SHALL BE M16 CATEGORY 8/4,5 WITH CORROSION PROTECTION SHALL BE GALVANIZED. PARTICIPATION SHALL NOT CONSTITUTE THE ENGINEER'S APPROVAL OF WORKSHIPMENT DRAWINGS. ALL BOLTS AND WASHERS SHALL BE GALVANIZED. ALL HOLES SHALL BE 2mm Larger Than Bolt Diameter Unless Indicated In Fabrication Drawing.

7/8 AND 7/16 BOLTS TO BE INSTALLED IN ACCORDANCE WITH SECTION 15 OF AS 4100. USING THE PARTIAL TENSION METHOD ON THE DIRECT-TENSION IMPLICATION METHOD.

FABRICATION SHALL COMPLY WITH AS1400, SECTION 14.

ERECTOR SHALL COMPLY WITH AS1400, SECTION 15

THE FABRICATOR SHALL PROVIDE, ALL TIGHTENING MECHANISMS, CLAYS AND DRILL. ALL HOLES NECESSARY FOR DRIVING OTHER DEPENDENTS TO THE STEEL WHETHER OR NOT SPECIFIED IN THE STRUCTURAL DRAWINGS.

THE FABRICATOR AND ERECTOR OF THE STRUCTURAL STEELWORK SHALL BE SUPERVISED BY A QUALIFIED PERSON EXPERIENCED IN SUCH SUPERVISION, IN ORDER TO ENSURE THAT ALL REQUIREMENTS OF THE DESIGN ARE MET.

ALL BEAMS AND RAFTERS SHALL BE FABRICATED AND ERECTED WITH INTERNAL CAMBER UP.

ALL MEMBERS SHALL BE SUPPLIED IN SINGLE LENGTHS. SPALLS SHALL ONLY BE PERMITTED IN LOCATIONS SHOWN ON THE STRUCTURAL DRAWINGS.

ALL WELDING SHALL BE CARRIED OUT IN ACCORDANCE WITH AS1554-1 ELECTRODE SHALL BE TO E1707 AS1553, AS1548, AS2020 OR AS1277, AS APPROPRIATE.

UNLESS NOTED OTHERWISE, ALL WELDED JOINTS SHALL BE **6mm CONTINUOUS CATEGORY SP** USING GASKET ELECTRODES OR EQUIVALENT. ALL WELDED JOINTS SHALL BE **6mm PORTLAND CEMENT MORTAR CATEGORY SP** TO AS1554-1.

THE EXTENT OF NON-DESTRUCTIVE WELD EXAMINATION SHALL BE AS NOTED UNDER RADIOGRAPHIC OR ULTRASONIC EXAMINATION SHALL BE TO AS 1564-1, AS1271-7 AND AS2207 AS APPROPRIATE.

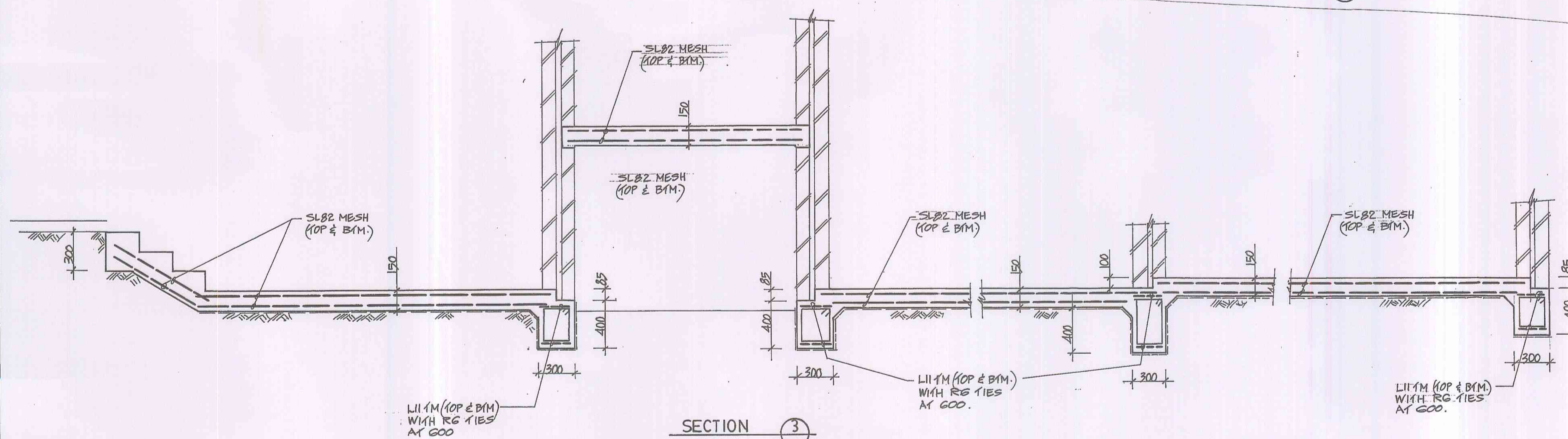
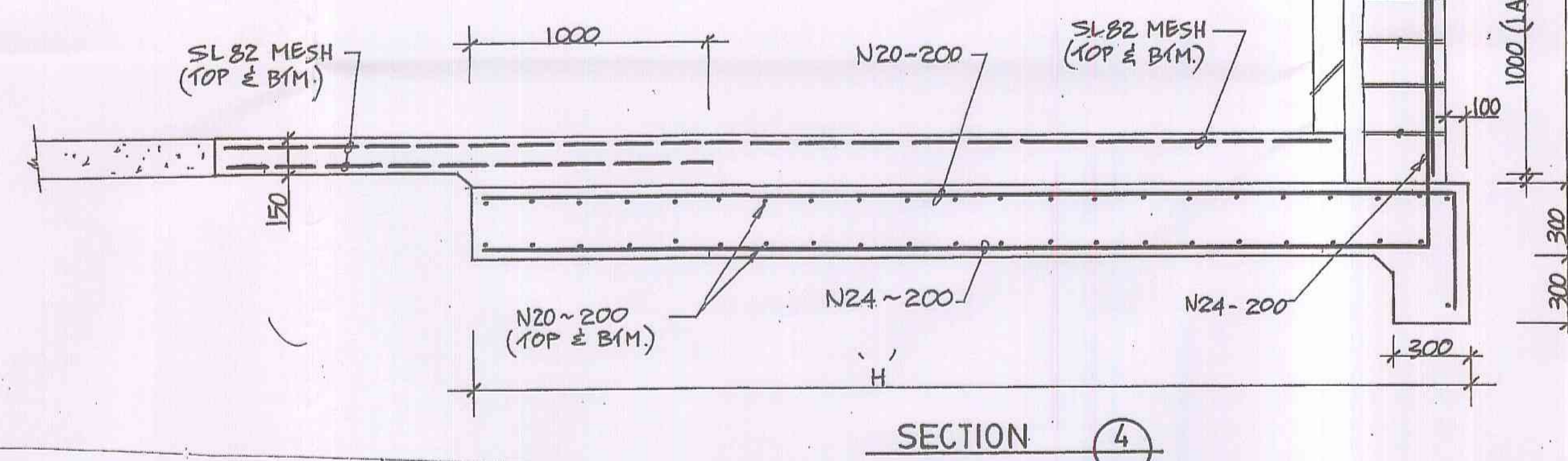
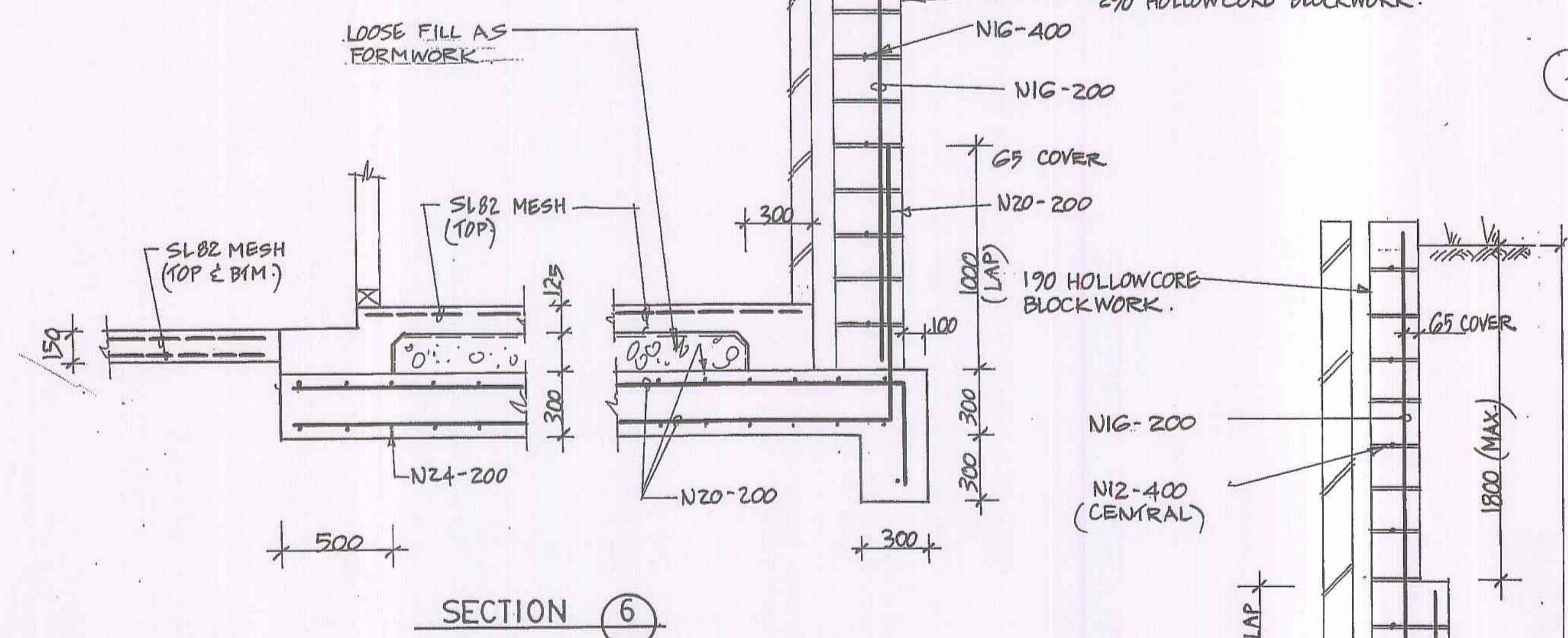
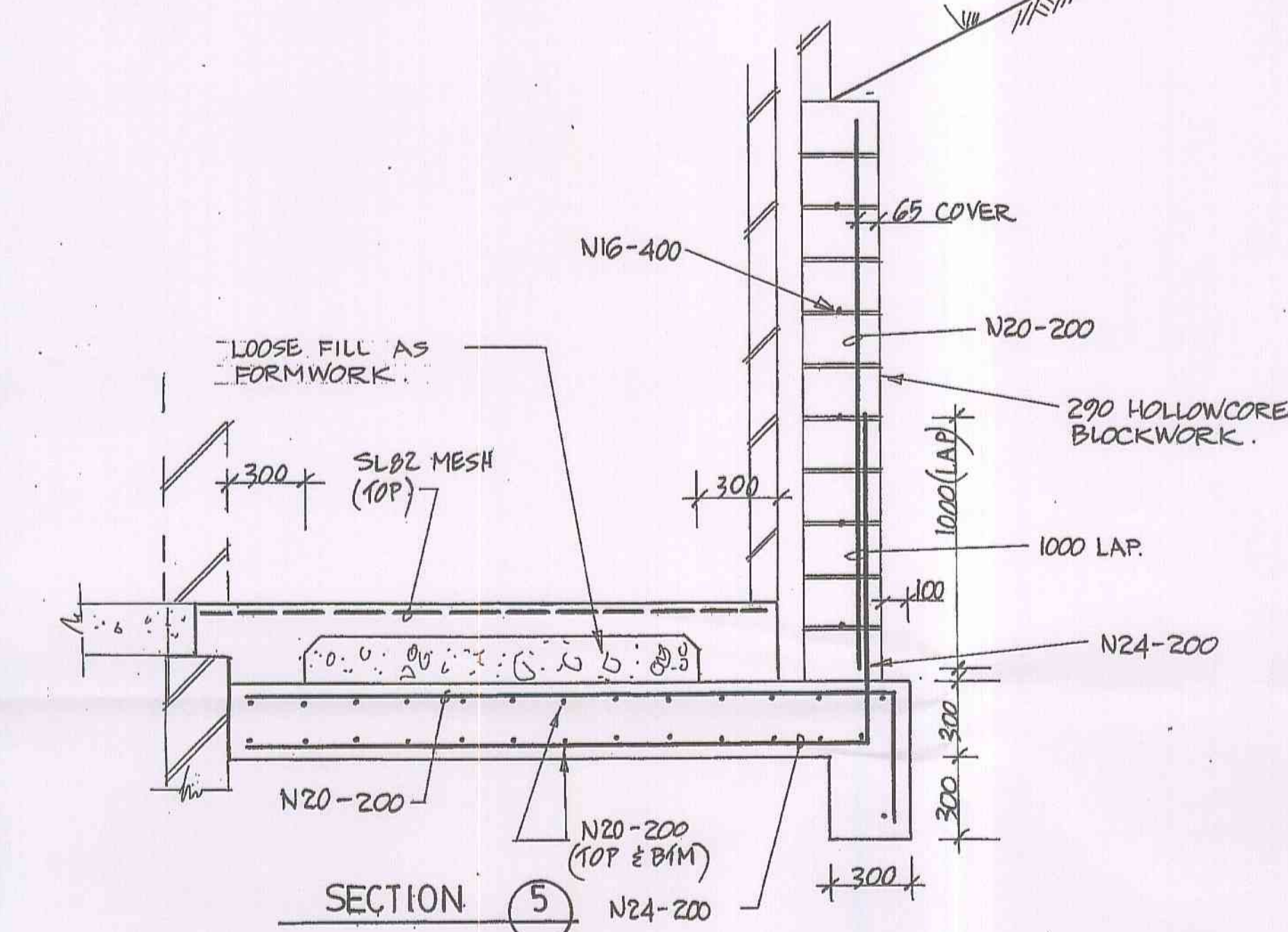
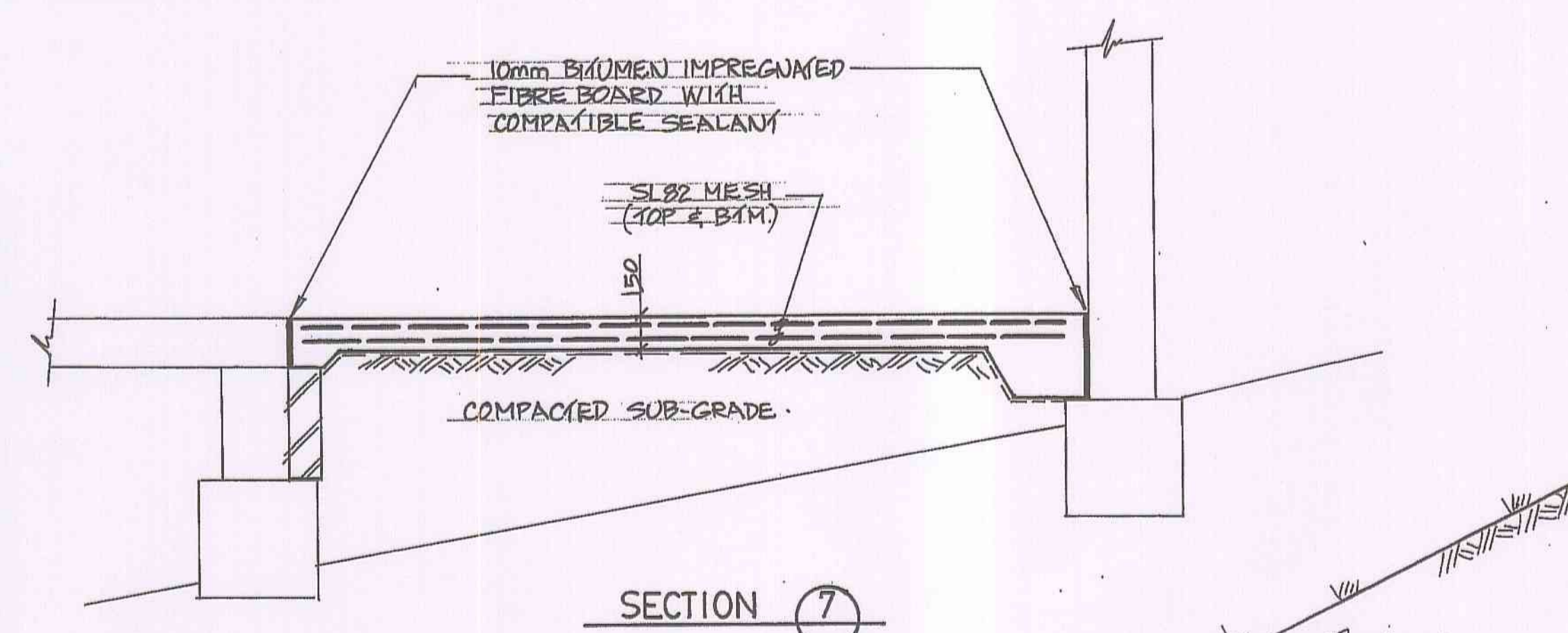
TYPE OF WELD	EXAMINATION METHOD	EXTENT (% OF TOTAL LENGTH OF WELD TYPE)
WELDED JOINTS, SP + SP	VISUAL INSPECTION	100
BUTT WELDS, GP	VISUAL INSPECTION	100
BUTT WELDS, GP	VISUAL INSPECTION	100
BUTT WELDS, GP	VISUAL INSPECTION	100
	RADIOGRAPHIC OR ULTRASONIC	

ELEMENT	SURFACE PREPARATION	PRIME COAT	SECOND COAT	THIRD COAT
INTERIOR	CLASS 2	R.O.Z.P.	-	-
VISTIBLE EXTERIOR	CLASS 2.5	INTERZINC (75 MICRONS)	(MICRONS)	-
CONCEALED EXTERIOR	CLASS 2.5	HOT DIP GALVANISED	-	(MICRONS)

S10 ALL GALVANIZING OF STRUCTURAL STEELWORK TO AS4680. THE CONTINUOUS

SPECIFICATION NOTES			
GENERAL			
G1 THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL AND/OR OTHER CONSULTANTS' DRAWINGS AND SPECIFICATIONS ANYWHERE ELSE REFERRED TO HEREIN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CORRECTION OF ANY DISCREPANCIES THAT MAY BE ENCOUNTERED DURING THE COURSE OF THE PROJECT. ANY DISCREPANCY SHALL BE REPORTED TO THE DESIGNER IMMEDIATELY UPON IDENTIFICATION BY THE CONTRACTOR. NO WORK SHALL BE PROCEEDED UNTIL THE DISCREPANCY HAS BEEN RESOLVED.			
G2 ALL MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE RELEVANT AND CURRENT STANDARDS AUSTRALIA CODES AND WITH THE REQUIREMENTS OF THE AUSTRALIAN STANDARD SPECIFICATION FOR THE PRODUCT SPECIFICATION.			
G3 ALL MATERIALS SHOWN SHALL BE KEPT BY THE BUILDER OR STEEL ENGINEERS DRAWINGS SHALL NOT BE SCALE FOR DIMENSIONS.			
G4 THE METHOD OF CONSTRUCTION AND THE MAINTENANCE OF SAFETY BARriers SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. IF ANY STRUCTURAL DEFICIENCY PRESENTS ITSELF IN RESPECT OF CONSTRUCTABILITY OR RISK, THE MATTER SHALL BE REFERRED TO THE STRUCTURAL ENGINEER FOR SOLUTION BEFORE PROCEEDING WITH THE WORK.			
G5 DURING CONSTRUCTION THE STRUCTURE SHALL BE MAINTAINED IN A STABLE CONDITION AND NO PART SHALL BE OVERSTRESSED. TEMPORARY BRACING SHALL BE PROVIDED BY THE BUILDER TO KEEP THE WORK AND EXCAVATIONS STABLE AT ALL TIMES.			
G6 UNLESS NOTED OTHERWISE ALL LINES ARE IN METRES AND ALL DIMENSIONS ARE IN MILLIMETRES.			
G7 THE STRUCTURAL COMPONENTS DETAIL ON THESE DRAWINGS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE RELEVANT STANDARDS CODES OF AUSTRALIA FOR THE FOLLOWING LOADINGS:			
FLOOR USAGE	LIVE LOAD (kPa)	SUPERIMPOSED DEAD LOAD (kPa)	
REMARKS AS REQUIRED BY AS 1170 PART 1, PROPOSED FLOOR USAGE, REFER TO ARCHITECT'S DRAWINGS FOR PROPOSED FLOOR USAGE.			
G8 WIND LOADS ARE IN ACCORDANCE WITH AS 1170.2.2 AS FOLLOWS: BASIC WIND VELOCITY, V _b = 50 m/s CATEGORY 3.0			
G9 THE RELEVANT PROVISIONS OF AS 1170.4 HAVE BEEN APPLIED FOR EXPOSURE REGION CATEGORY - A SITE FACTOR, S = 0.87			
FOUNDATIONS			
F1 FOOTINGS HAVE BEEN DESIGNED FOR AN ALLOWABLE BEARING CAPACITY OF 200 kN/m². THE FOUNDATION MATERIAL SHALL BE APPROVED BY THE ENGINEER FOR ITS BEARING CAPACITY BEFORE PLACING REINFORCEMENT REINFORCEMENT ON CONCRETE.			
F2 REFER TO GEOTECHNICAL INVESTIGATION REPORT NO. 3/270-A PERFORMED BY JAMES PARRY MERS 6/4/02			
F3 FOOTINGS SHALL BE LOCATED EXACTLY UNDER WALLS AND COLUMNS UNLESS NOTED OTHERWISE.			
F4 DO NOT EXCEED A RISE OF 2 IN A RUN OF 10% FOR THE LINE OF SLOPE BETWEEN ADJACENT FOOTINGS OR EXCAVATIONS.			
F5 DO NOT BACKFILL RETAINING WALLS OR OTHER THAN CASTLEWALL WALLS WITH FINE GRAIN SUBSTRATE AT TOP AND BOTTOM. USE COMPACTED, DRYING FREE DRAINAGE BEDDING (BASTELL) AND DRAINAGE IS IN PLACE.			
F6 RESIDENTIAL SLABS AND FOOTINGS HAVE BEEN DESIGNED FOR A REACTIVITY CLASS "1" TO AS2601.			
F7 FOOTINGS SHALL BE CONSTRUCTED AND BACKFILLED AS SOON AS POSSIBLE FOLLOWING EXCAVATION TO AVOID SETTLING OF THE FOUNDATION MATERIAL OR DRYING OUT BY EVAPORATION.			
F8 EXCAVATE FOR FOOTINGS TO THE NOMINATED SIZE AND DEPTH. FOOTING FOUNDING LEVELS ARE PERSONAL SUBJECT TO ACTUAL SITE CONDITIONS AND APPROVAL BY GEOTECHNICAL ENGINEER.			
CONSOLIDATION OF SUBGRADE			
S1 SITE TO BE ENHANCED TO LEVEL SHOWN ON ARCHITECT'S DRAWINGS. CUT TOP 200 mm AND REPLACE WITH SELECT GRANULAR MATERIAL, WHERE SITE IS CUT, CONSOLIDATE AFTER GETTING TO 90% STANDARD dry density, where site remains uncut consolidate NATURAL SURFACE AFTER REMOVAL OF TOP SOIL TO 90% STANDARD dry density BEFORE PLACING ANY FILL. CALCULATE FILL IN LAYERS NOT EXCEEDING 100mm. TO 90% STANDARD dry density.			
DESCRIPTION		Date	Checked By
AMENDMENTS			
ALTERATIONS & ADDITIONS AT 8 PRICE AFRED PARADE NEWPORT			
Location and Project			
Scale	1 : 100, 20	Drawn by	G.H
Date	JULY '10	Checked by	
ENGINEERING DETAILS SHEET 1 OF 3			
Drawing Title			
Drg. No. 6683/11			
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STRUCTURAL ENGINEERING & DESIGN A.B.N. 70 086 473 111 Level 1, 188 / 181 Willetts Road Naremn NSW 2085 Australia Phone: (02) 8622 6222 Fax: + (61) 02 8622 1270 Email: b.hutchinson@sead.com.au			

SPECIFICATION NOTES



DESCRIPTION	Date	Checked By

AMENDMENTS

ALTERATIONS & ADDITIONS AT 8 PRINCE ALFRED PARADE NEWPORT

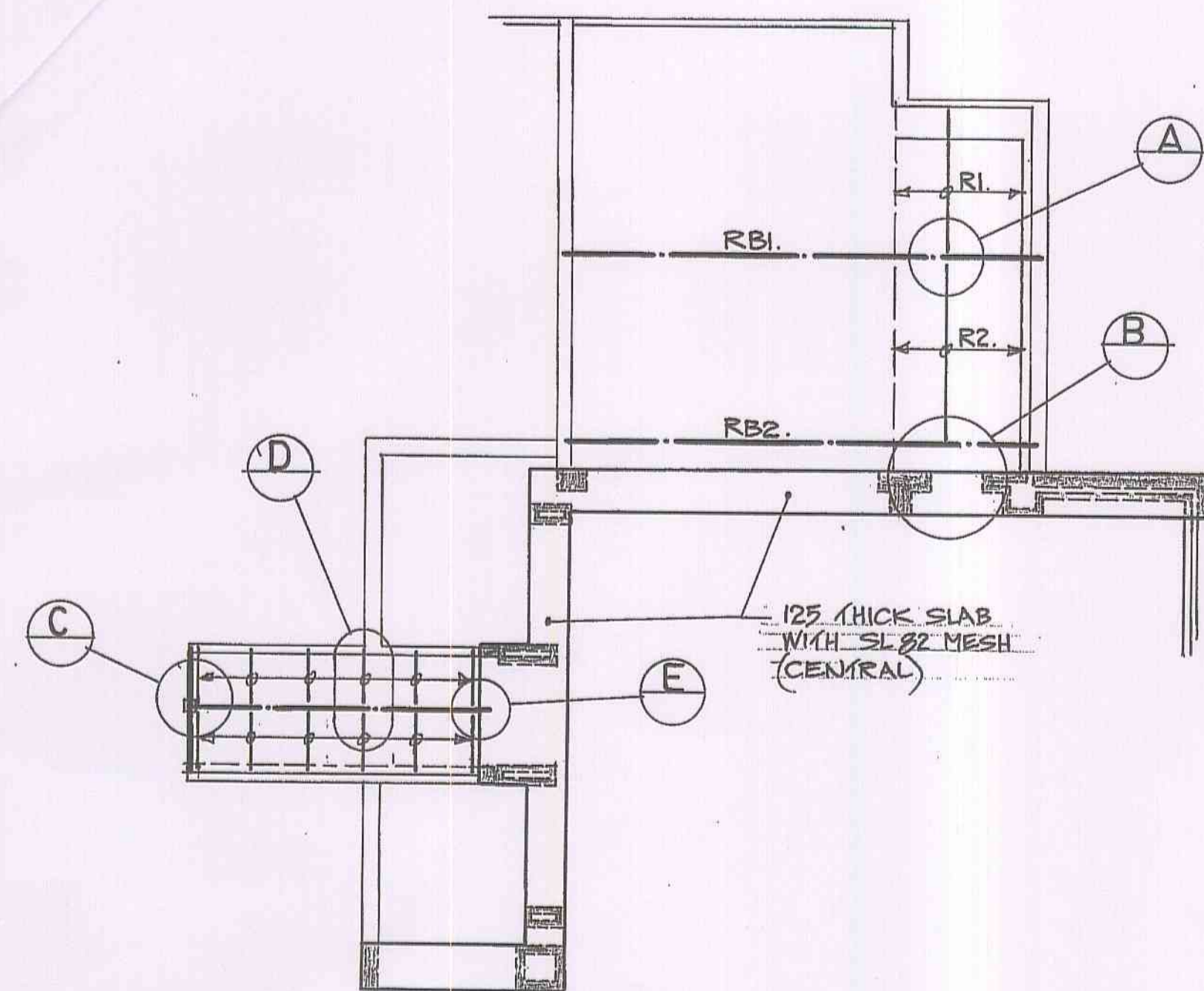
Location and Project	Scale 1:20,	Drawn by G.H.
	Date JULY '10	Checked by

ENGINEERING DETAILS SHEET 2 OF 3

Drawing Title	Drg. No. 6683/12
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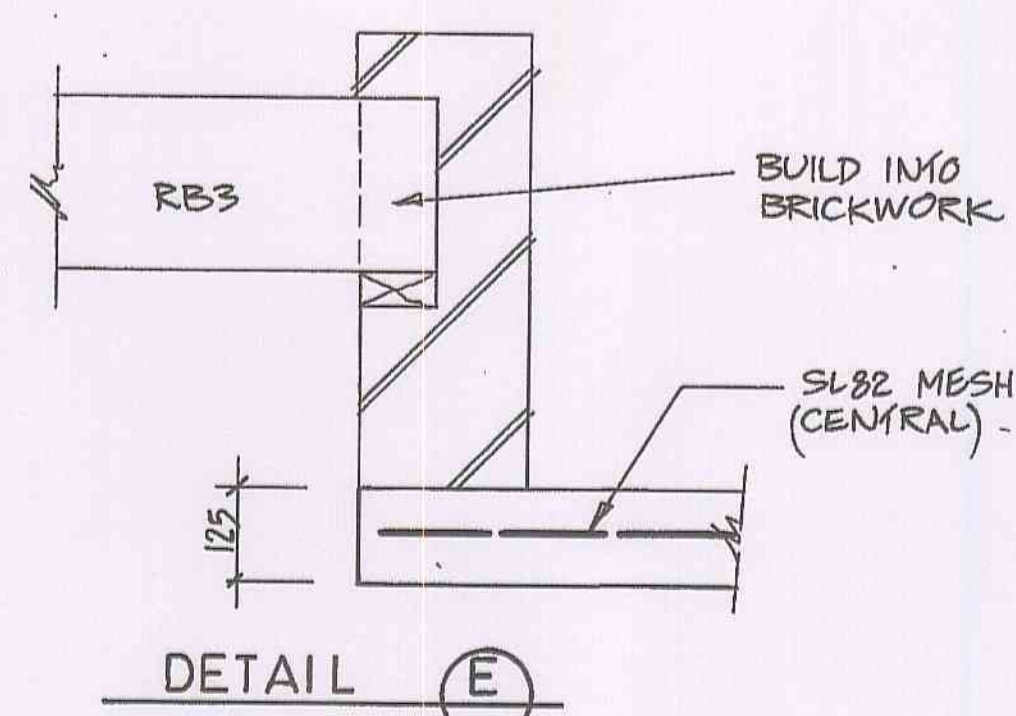
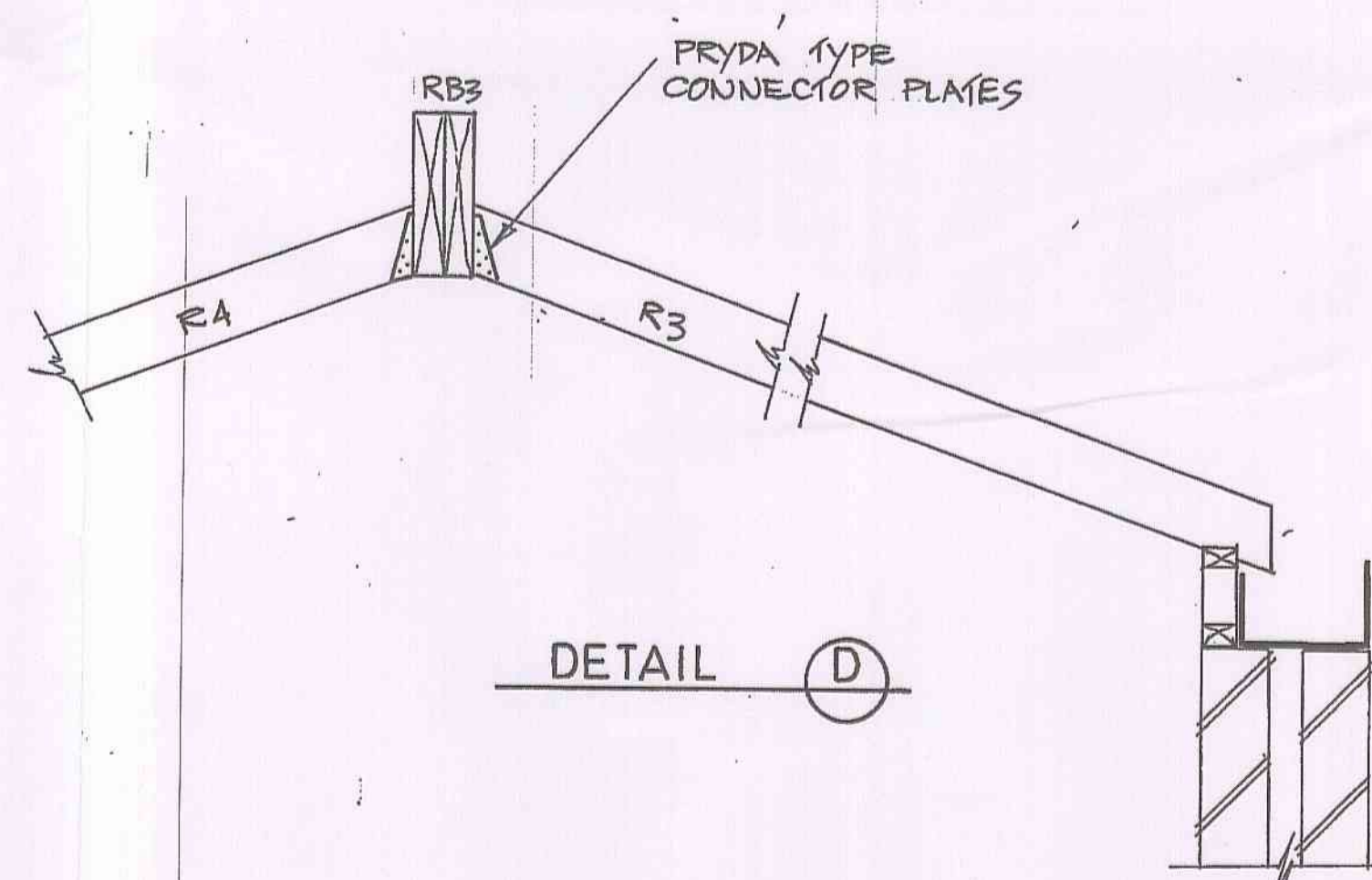
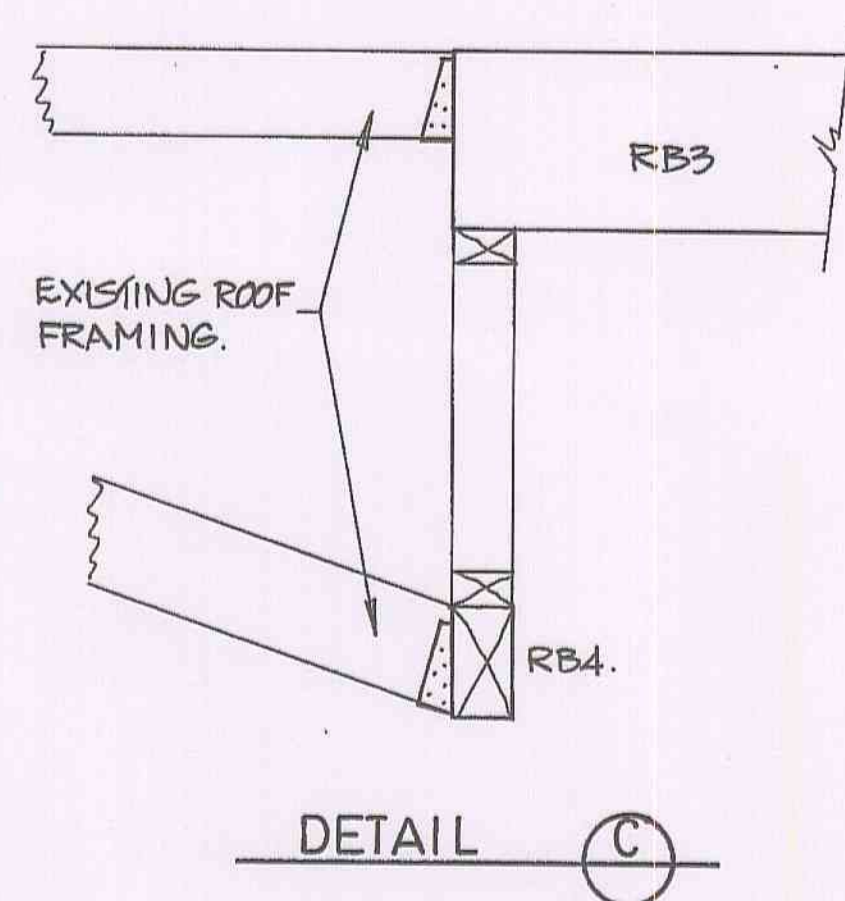
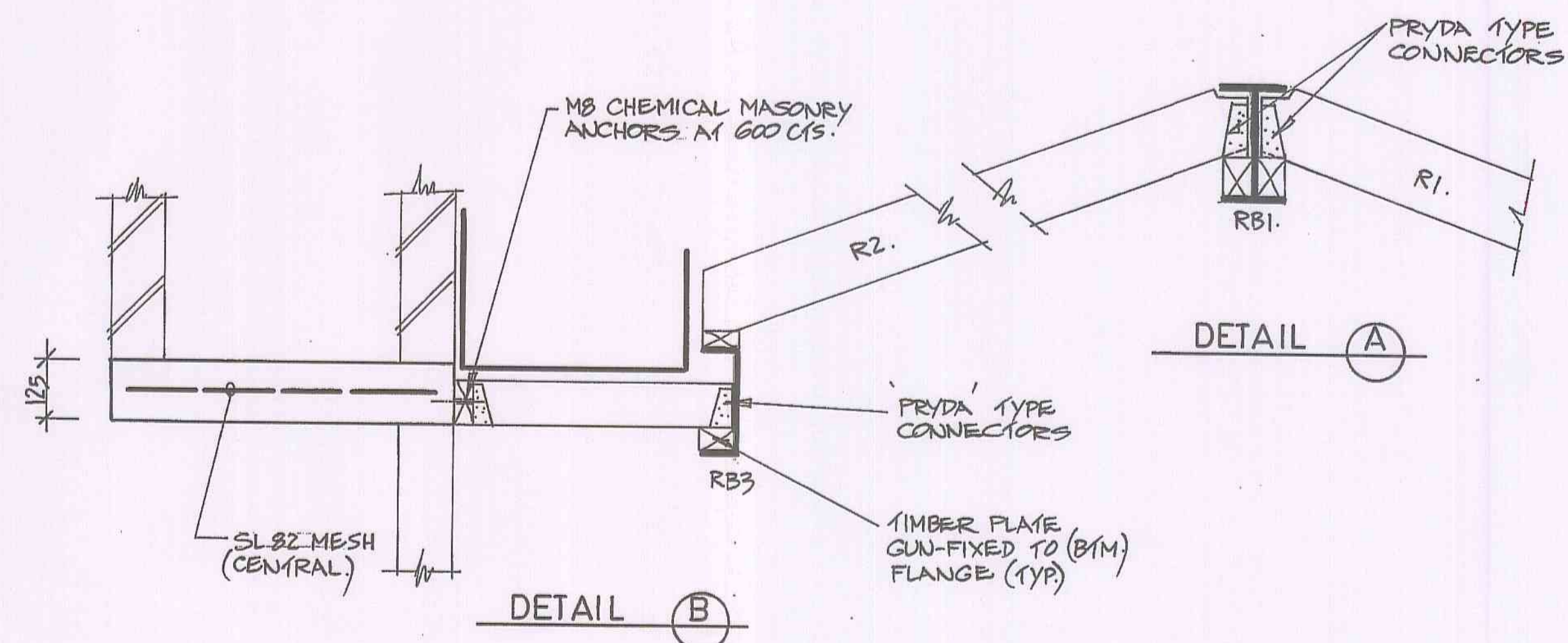
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STRUCTURAL ENGINEERING & DESIGN
A.C.N. 099 475 111
Level 1, 155 - 161 Wilkesby Rd
Newport NSW 2106 Australia
Phone: (02) 9592 6332
Fax: (02) 9592 1970
Email: info@cheshel.com.au
CHAPMAN HUTCHISON PTY LTD



ROOF FRAMING PLAN

- RB1, 2.....150 X 45 'HYSpan' AT 600 C/S. (MAX)
- RB3, 4.....90 X 45 'MGPI0' AT 1100 C/S. (MAX)
- RB1.....250 UB 37
- RB2.....230 PFC
- RB3.....2/240 X 45 'HYSpan'
- RB4.....150 X 75 'HYSpan'



SPECIFICATION NOTES

DESCRIPTION	Date	Checked By
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AMENDMENTS

ALTERATIONS & ADDITIONS
AT 8 PRINCE ALFRED PARADE
NEWPORT

Location and Project

Scale 1:20	Drawn by G.H
Date JULY '10	Checked by

ENGINEERING DETAILS
SHEET 3 OF 3

Drawing Title

Drg. No. 6683/13

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STRUCTURAL ENGINEERING & DESIGN
ACORN 086 473 111 A.B.N. 78 086 473 111
Level 1, 105 - 109 Warragamba Rd
Newport NSW 2085 Australia
Phone: (02) 9522 6322
Fax: (02) 9522 1270
Email: info@chuter.com.au

CHAPMAN HUTCHISON PTY LTD