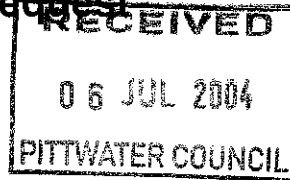


DA3 6/7/05



Pittwater Council

Final Inspection Request



DA No: N0988/99

CC No: CC 0619/02

Property: 11 HILLCREST AVE MONAVALLE

I ROBERT BARRY of
(Name) (Business)

at 11 HILLCREST AVE MONAVALLE 2103
(Mailing Address)

being the **owner** of the site,

request that Council conduct a final inspection of the site and confirm that all building works and site landscaping have been completed, with a view to issuing the Occupation Certificate.

For access to the site, please contact:

Name: ROB BARRY

Phone: 0408828512

NOTE:

Prior to lodging this request, you are advised to ensure that all component certificates required by the conditions of development consent have been submitted to Council. **Failure to lodge any of these certificates will prevent Council from carrying out the final inspection.**

Council will charge a fee for the issue of an Occupation Certificate.

Signature [Signature] Date 4.6.05

OFFICE USE ONLY - FOCC ~~\$258.00~~ 270

Date of receipt: <u>5/7/05</u>	Receipt No: <u>170651</u>	Amount Paid: <u>\$270</u>	Accepted by: <u>Chris. L</u>
-----------------------------------	------------------------------	------------------------------	---------------------------------



Pittwater Council

DW-1 Component Certificate for Driveway Construction

DA No. <u>N0988/99</u>
CC No. <u>CC 0619/02</u>
In all correspondence, please quote this/these numbers.

Property 11 Hillcrest Avenue
MONA VALE 2103 DA No. N0988/99

I of
 (name) (Company Name)

being a qualified, my qualifications being,
 hereby certify that the works have been inspected and have been completed
 in accordance with the appropriate standards and conditions of Development
 Consent.

Further, I am appropriately qualified and experienced to provide the
 certification for this project.

Signature Date

Council Use Only

Records Officer: Received by Date

And placed on file.

MBS Green & Associates Pty Ltd

Incorporated in NSW

ABN 59 003 758 414

Surveying & Land Information Services

Michael Green
B.Surv. M.Eng.Sc. Dip. Ed.,
M.I.S. (Aust.)
Registered Surveyor

Suite 34
12 Waratah Street
Mona Vale NSW 2103

Telephone 9999 3811
Facsimile 9979 5847

12 May 2005
Ref M6845 (M2033)

Mr R & Mrs C Barry
11 Hillcrest Avenue
Mona Vale NSW 2103



Dear Mr & Mrs Barry

RE 11 Hillcrest Avenue, Mona Vale

As instructed we have surveyed the driveway on the above property to compare the as built driveway to the design drawing plan.

By our field observations and subsequent calculations we find the driveway to be constructed as shown in red on Mr Jack Hodgson's Drawing 20170-3 dated 26 February 2004.

We are enclosing our work as executed plan referenced A1 M6845 (M2033) dated 2 May 2005 and returning Pittwater Council's Driveway Construction Component Certificate.

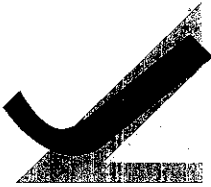
It is our understanding from a discussion with Council's Mr Sigi Melderis after his site inspection of the driveway that our work as executed plan needs to be presented to council.

Our Taxation Invoice is enclosed.

If any further information is required please contact this office as the need arises.

Yours faithfully
M B S GREEN & ASSOCIATES PTY LTD

per 
Registered Surveyor



Jack Hodgson Consultants Pty Limited

CONSULTING CIVIL, GEOTECHNICAL AND STRUCTURAL ENGINEERS

ABN: 94 053 405 011

VN 20170
17th February, 2005.

Page 1.

The General Manager
Pittwater Council
P O Box 882
MONA VALE NSW 1660


Dear Sir,

11 HILLCREST AVENUE, MONA VALE.

We inspected the completed frame for the alterations and additions at the subject address. At the time of our inspection, the frame was in accordance with our design Plan No.20170-1 and AS1684 and AS1720.

Our Mr Jack Hodgson is appropriately qualified and experienced to provide this certificate.

JACK HODGSON CONSULTANTS PTY. LIMITED.


J.D. Hodgson M.Eng.Sc.,
F.I.E.Aust., CP ENG.
Civil & Structural Engineer.
Nper3, Struct. Civil. No. 149788.
Director.

DIRECTOR: J.D. HODGSON, M.Eng.Sc., F.I.E. Aust., Nper3 Struc. Civil 149788

67 Darley Street, Mona Vale NSW 2103
PO Box 389 Mona Vale NSW 1660
Telephone: 9979 6733 Facsimile: 9979 6926

Done - in letter form



Pittwater Council
Component Certificate

DA No:

CC No:

Property:

Wall, Roof Frames and Window
Location

FM-1

I of
(Name) (Business)

at
(Mailing Address)

being an:

- accredited certifier
- licensed builder

my qualifications being:

.....
.....

hereby certify that the timber/steel wall and roof frames have been designed and constructed in accordance with Part 3.4 "Framing" of the Building Code of Australia Housing Provisions, relevant Australian Standards ie. Steel framing — AS 3623-1993 "Domestic metal framing" or AS 4100-1998 "Steel structures" or AS/NZS 4600 "Cold formed Steel Structures" or Timber framing — AS 1684-1992 "National timber framing code", the relevant conditions of Development Consent and that the window locations are in accordance with those shown on the approved Development Consent plans.

Further, I am appropriately qualified and experienced to provide the certification for this component of the project.

Signature Date

Bearers and Joists and Sub-floor Ventilation

BJ-1

I ROBERT BARN of
(Name) (Business)

at 11 HILLCREST AVE MONMAYLE
(Mailing Address)

being an:

- accredited certifier
 licensed builder

PROJECT MANAGER

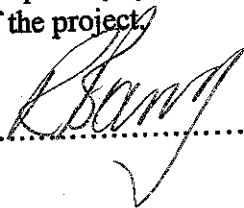
my qualifications being:

NOT APPLICABLE AS ARE FROM
ORIGINAL BUILDING.

hereby certify that the timber/steel bearers and joists and subfloor ventilation have been designed and constructed in accordance with Part 3.4 "Framing" of the Building Code of Australia Housing Provisions, relevant Australian Standards i.e. Steel framing - AS 3623-1993 "Domestic metal framing" or AS 4100-1998 "Steel structures" or AS/NZS 4600 "Cold formed Steel Structures" or Timber framing - AS 1684-1992 "National timber framing code" and the relevant conditions of Development Consent.

Further, I am appropriately qualified and experienced to provide the certification for this component of the project.

Signature



Date

3.6.05

PITTWATER COUNCIL

BA-1
Component Certificate
For
Balustrading Adequacy

Property 11 HILLCREST AVE MONAVALE 2103

D/A No. N0988/99 CC No 0619/02

I ROBERT BARRY of
(Name) (Business)

at 11 HILLCREST AVE MONAVALE
(Mailing Address)

being an: SITE MANAGER.

accredited certifier


structural engineer

with corporate membership of the Institute of Engineers Australia (MIE), or eligible to become a Corporate member and having appropriate experience and competence in the related field, my qualifications being:

..... SITE MANAGER

hereby certify that the **Balustrading** has been designed and constructed in accordance with Part 3.9.2 "Balustrades" of the Building Code of Australia Housing Provisions, AS 1170.1-1989 "Minimum design loads on structures - Dead and live loads and load combinations", and the relevant conditions of Development Consent.

Further, I am appropriately qualified and experienced to provide the certification for this component of the project.

Signature  Date 10 JAN 05

GEM FENCING PTY. LTD.

ACN 059 599 790

ABN 26 059 599 790

FACTORY & SHOWROOM: 8 ETHELL RD, KIRRAWEE N.S.W. 2232

PH: (02) 9545 4300

FAX: (02) 9545 4203

GOLD LIC. NO 46597C

**MANUFACTURERS OF POWDERCOATED:- ALUMINIUM POOL & GARDEN FENCING:- GATES:-
GLASS & ALUMINIUM BALUSTRADING:- SECURITY GRILLS:-
DOMESTIC - COMMERCIAL - INDUSTRIAL**

25th March 2004

TO WHOM IT MAY CONCERN

We wish to advise that the glass balustrade installed at 11 Hillcrest Ave Mona Vale complies with Australian Standard AS1170.1-1989 Clause 4.7.1 with reference to manufacture and installation and the tempered glass comply with the Australian Standards AS2208-1978, with reference to thickness limits, fragmentation and safety glazing materials for the use in buildings. (Human Impact Considerations)

Yours sincerely,



JOHN COSTA
Manager.



Pittwater Council
Component Certificate

DA No: N0988 /99

CC No: C0619/02

Property: 11 HILCREST AVE MONAVALE

Glazing

GL-1

I ROBERT BARRY of
(Name) (Business)

at 11 HILCREST AVE MONAVALE 2103
(Mailing Address)

being an: PROJECT MANAGER

accredited certifier

licensed builder

structural engineer

with corporate membership of the Institute of Engineers Australia (MIE), or eligible to become a Corporate member and having appropriate experience and competence in the related field, my qualifications being:

.....
.....

hereby certify that the glazing (including shower doors, shower screens, and bath enclosures where provided), has been designed and installed in accordance with Part 3.6 "Glazing" of the Building Code of Australia Housing Provisions, AS 1288-1994 "Glass in buildings - Selection and Installation", AS 2047-1999 "Windows in buildings - Selection and Installation" and the relevant conditions of Development Consent.

Further, I am appropriately qualified and experienced to provide the certification for this component of the project.

Signature R Barry Date 2 FEB 05



Pittwater Council

PST-1 Component Certificate for Termite Control Measures

DA No. N0983/99
CC No. CC 0619/02
In all correspondence,
please quote this/these
numbers.

Property 11 Hillcrest Avenue
MONA VALE 2103

I Craig Smith of M & M Pest Control
(name) (Company Name)

being a qualified TERMITE TECH/PEST CONTROLLER, my qualifications being

hereby certify that the works have been inspected and have been completed in accordance with the appropriate standards and conditions of Development Consent.

Further, I am appropriately qualified and experienced to provide the certification for this project.

Signature [Signature] Date 27-4-05

Council Use Only

Records Officer: Received by Date.....

And placed on file.

PITTWATER COUNCIL

EL - 1
Component Certificate
For
Electrical Layout

Property 11 HILLCREST AVE MONA VALE
D/A No. NO988/99 CC No. 0619/02
I DAVID MARTIN of ILLUMINATING EXPERIENCE
(Name) (Company name)

being a qualified ELECTRICAL CONTRACTOR my qualifications being LICENSED
ELECTRICAL CONTRACTOR + AUTHORISED SERVICE PROVIDER

hereby certify that the works have been inspected and have been completed in accordance with the appropriate standards and conditions of Development Consent.

Further, I am appropriately qualified and experienced to provide the certification for this project.

David Martin

Council Use Only

Records Officer: Received by Date.....

And placed on file.



Pittwater Council

DA No N0988/99
 CC No 0619/02
 In all correspondence
 please quote this/these
 numbers

SW-1
 Building Component Certificate
 for
 Installation of Stormwater Drainage
 (including On-Site Stormwater Detention Facilities)

Property 11 HILLCREST AVE, MONA VALE

 DIA No

JOHN LODER of JOHN LODER PLUMBING,
 (name) (Company Name)

being a qualified Plumber my qualifications being Plumber/Drainer/Gas Fitter
 hereby certify that the works have been inspected and have been completed LIC 120273
 in accordance with the appropriate standards and conditions of Development
 Consent.

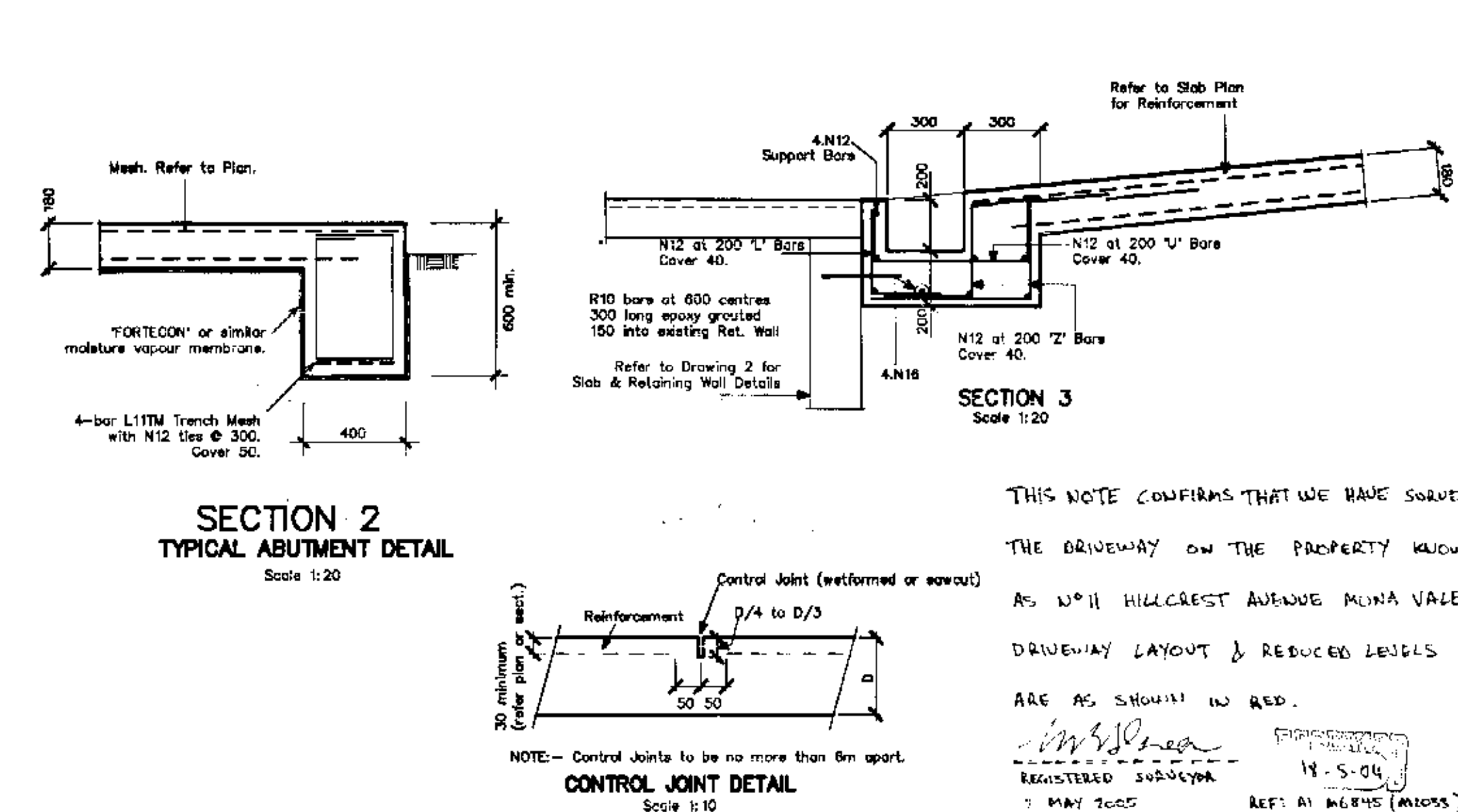
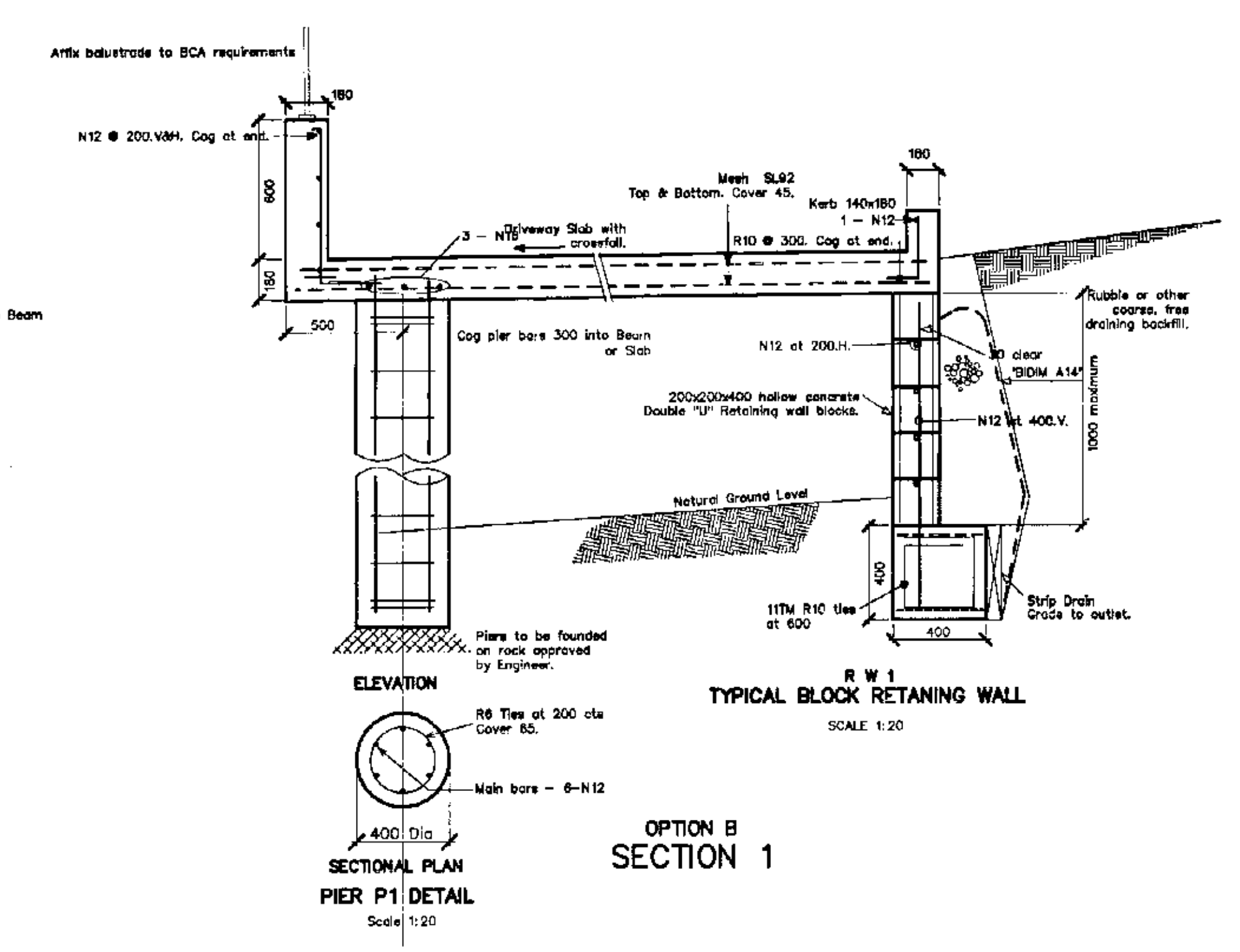
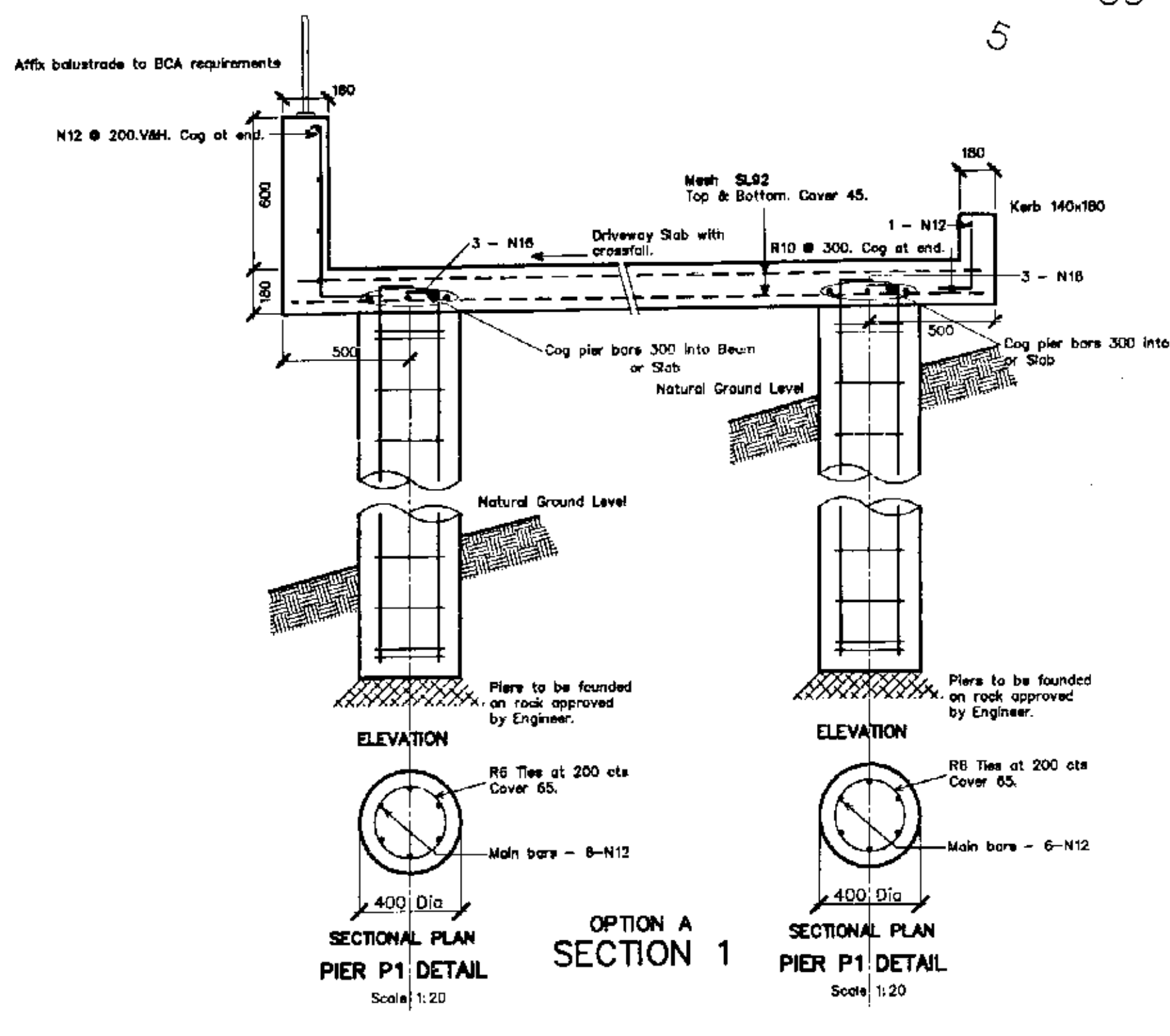
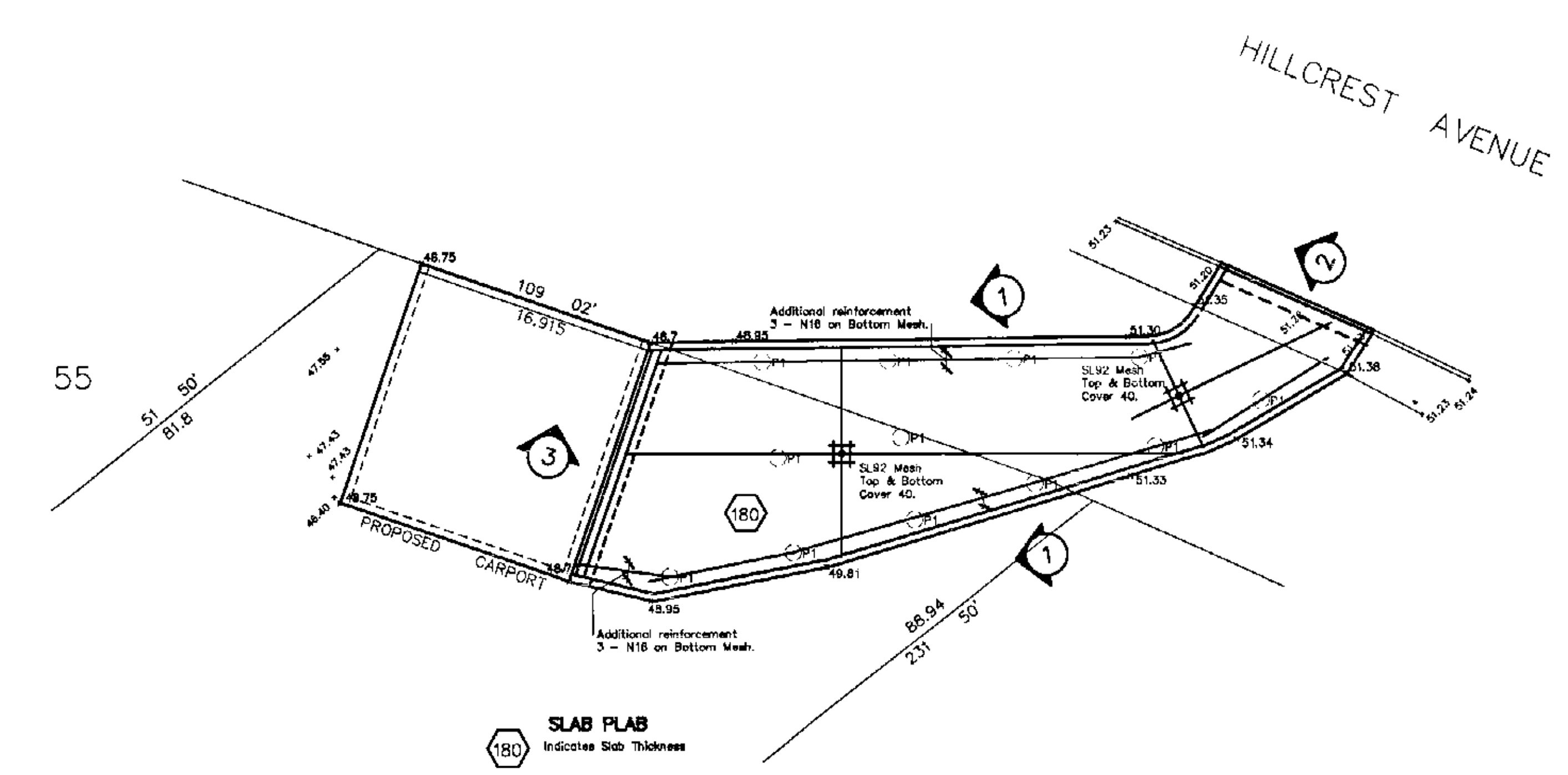
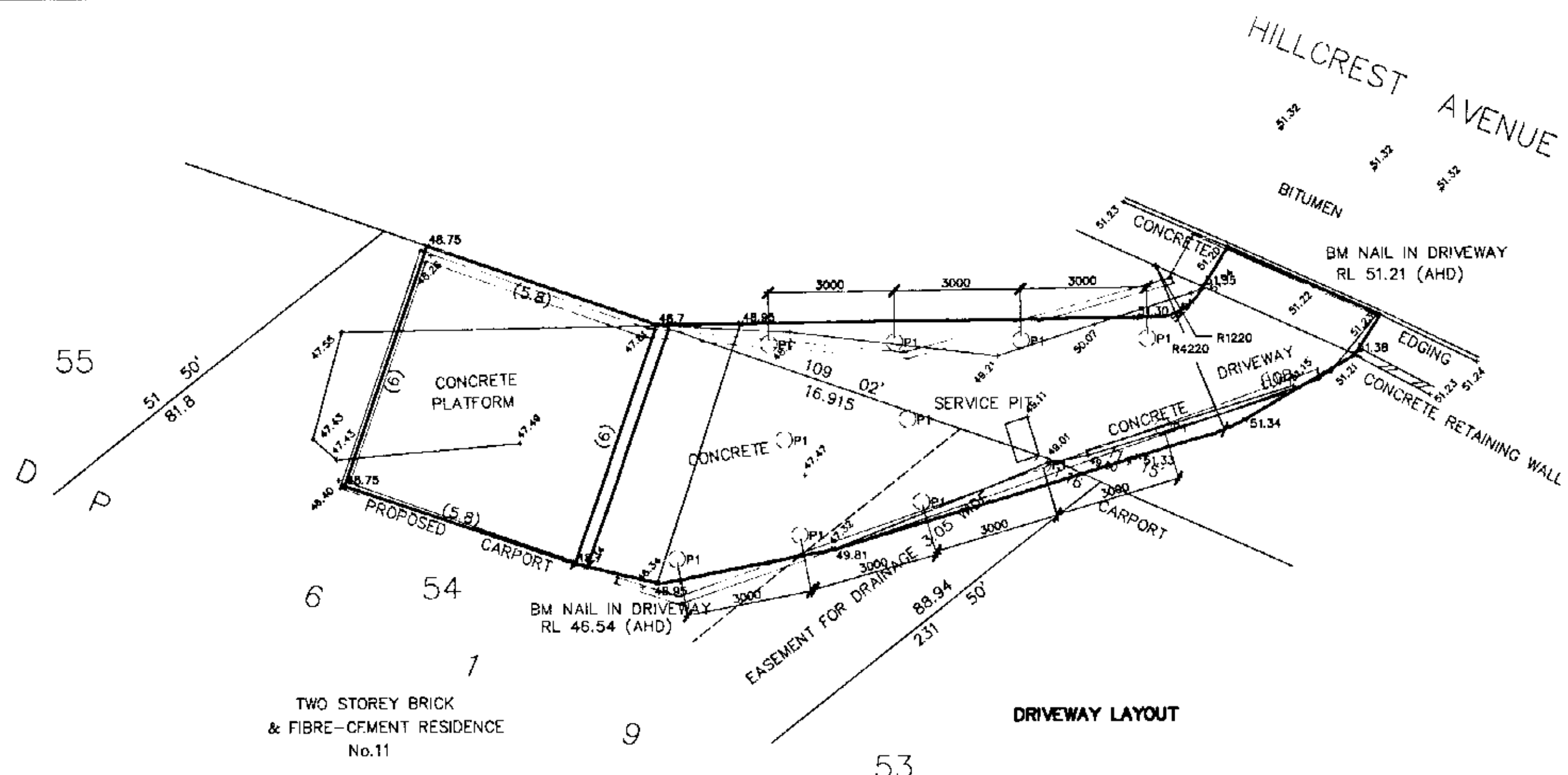
Further, I am appropriately qualified and experienced to provide the
 certification for this project.

Signature John Loder Date 28.4.05

Council Use Only

Records Officer: Received by Date

And placed on file.



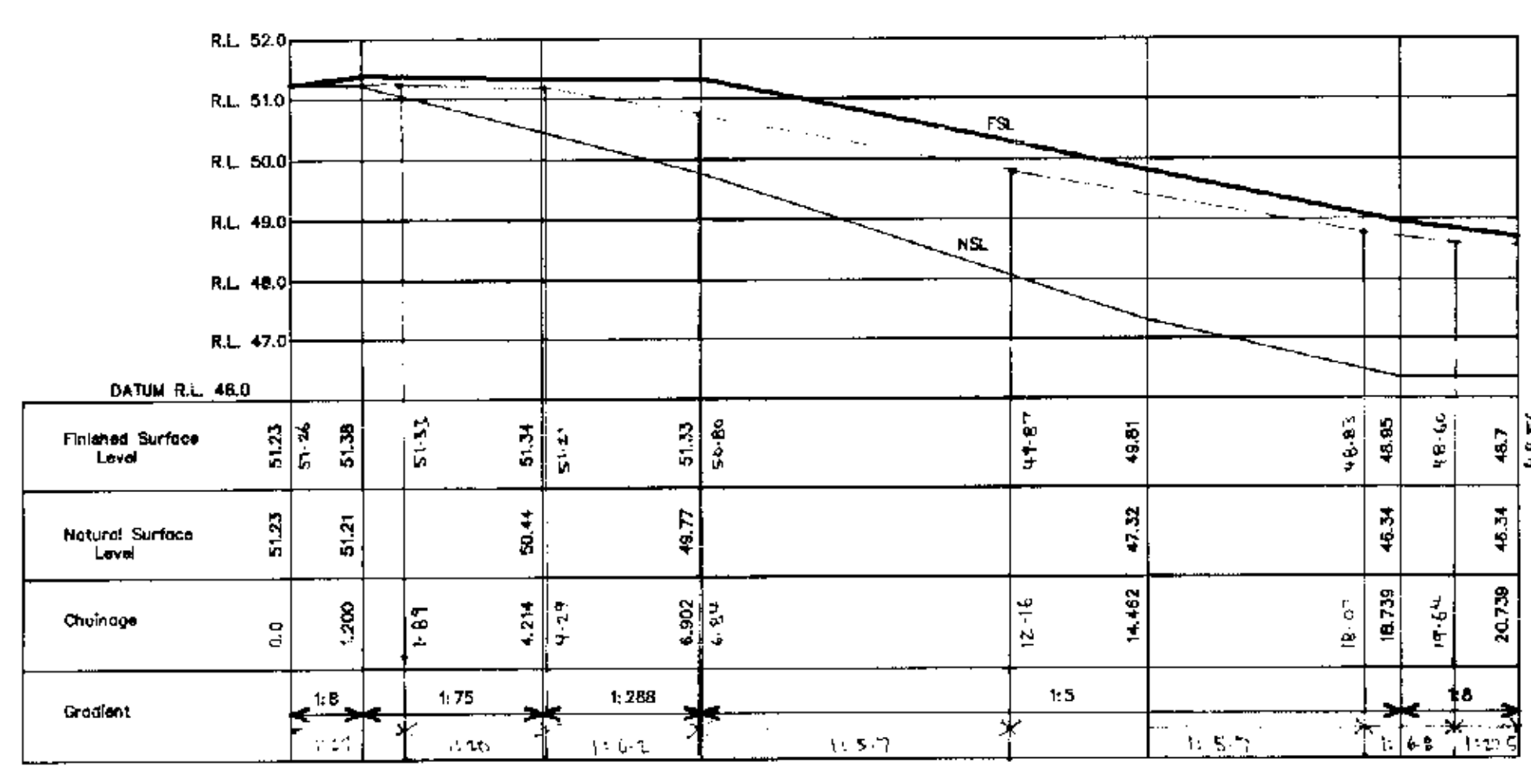
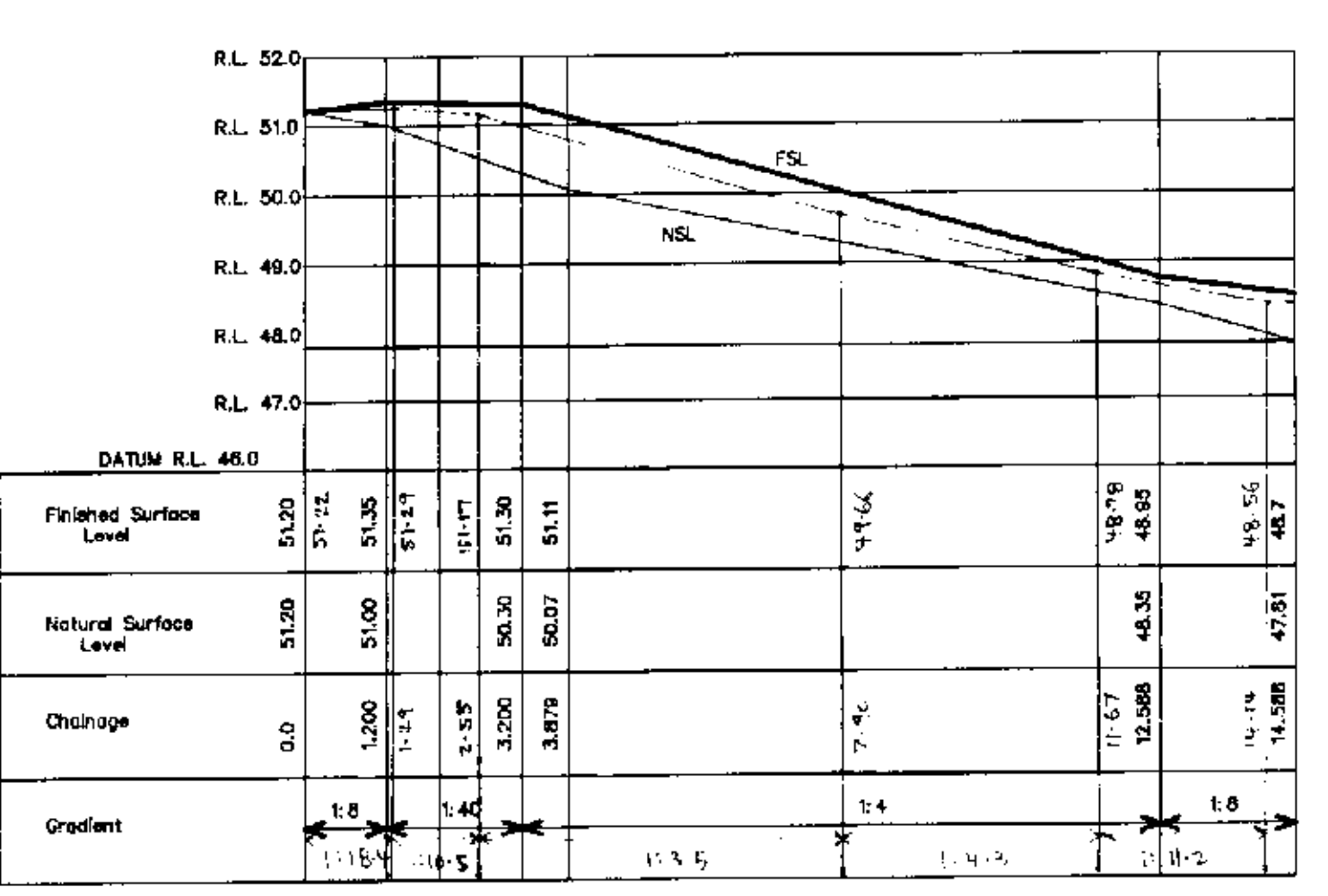
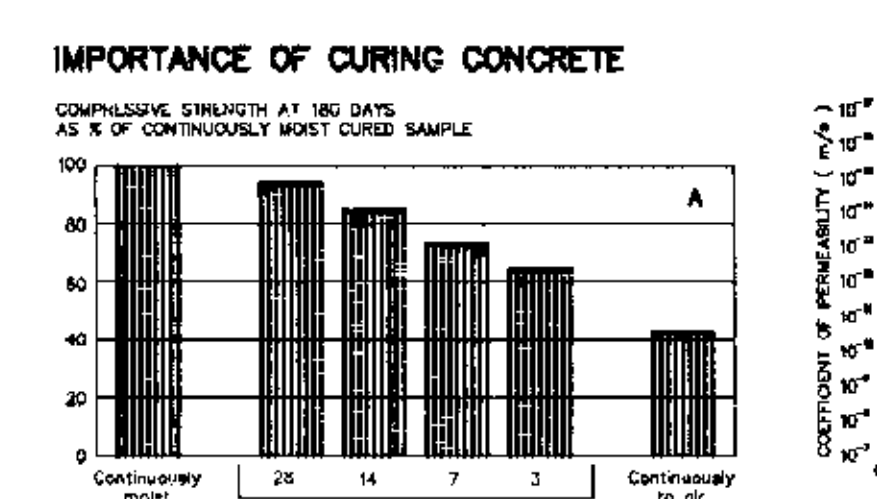
THIS NOTE CONFIRMS THAT WE HAVE SURVEYED THE DRIVEWAY ON THE PROPERTY KNOWN AS 11 HILLCREST AVENUE MONA VALE. DRIVEWAY LAYOUT & REDUCED LEVELS ARE AS SHOWN IN RED.

Jack D. Hodgson
REGISTERED SURVEYOR
1 MAY 2004
REF: A1 16/145 (MAY03)

- CONCRETE NOTES.**
- All concrete work to be in accordance with AS 3600.
 - F_{ck} Refer to table.
 - 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 c/c to c/c spacing.
 - Reinforcing Steel to comply with AS/NZS 4671:2001, and to be D500H unless noted otherwise, (where 500 = strength grade in megapascals & H = normal ductility class).
 - Reinforcement to be tied at every other intersection minimum.

Element	Cover (mm)		F/c at 28 Days	
	Internal	External	Internal	External
Piers	75	20		
Footings	50	20		
Block Filling	Refer to Detail	20		
Slab on Ground				
Top				
Bottom				
Beams				
Columns				
Slabs	45	40		
Walls				

The minimum clear cover is to reinforcement ties and stirrups.



Unless this company carries out the inspections of all the structural elements and approves them, NO responsibility will be taken for the structural integrity of the completed work.

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. Struct. Civil No. 149788

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, A.S.1170.1, A.S.1170.2, A.S.1684, A.S.2870, I.A.S.3600, A.S.3700, A.S.4100

Jack D. Hodgson
Name Date Signature

No. Amendment Drawn Date

DRIVEWAY PLAN AND DETAILS
PROPOSED DRIVE AND CARPORT
11 HILLCREST AVENUE
MONA VALE
ROB BARRY

The Structural Details shown on this Drawing are Not to change under any circumstances. No Certificate will be issued for work Not in accordance with this Drawing.

JACK HODGSON CONSULTANTS PTY. LIMITED.
Consulting Civil, Geotechnical, and Structural Engineers.
11 Burgon Street, MONA VALE, NSW, 2103, P.O. Box 399, NSW, 1560.
Telephone (02) 9378 8733, Facsimile (02) 9378 8926, A.C.N. 083 405 011

Designed JDH Drawn ARC Job No. Drawing No.
Checked JDH Scale 1:100, 20 into
Date 25 FEBRUARY 2004

20170-3