

SS Certifications

Eddanne Pty Ltd T/as

ABN 34 024 311 884

Telephone 02 9676 2370

Facsimile 02 9676 2594

PO Box 2

DOONSIDE NSW 2767

Construction Certificate

CONSTRUCTION

CERTIFICATE NUMBER

08/3227

Issued in accordance with the Environmental Planning & Assessment Regulation 2000 with reference to the Environmental Planning & Assessment Act 1979 Sections 109C(1)(b), 81A(2) and 81A(4) and Application under CI 79D (2)(a)

COUNCIL

Pittwater Council

APPLICANT

Name

S Kranenburg

Address

201 Plateau Rd, Bilgola Plateau

Contact no (telephone/fax)

0414 606 491 / 9973 3229

OWNER

Name

S Kranenburg

Address

201 Plateau Rd, Bilgola Plateau

SUBJECT LAND

Address

201 Plateau Rd, Bilgola Plateau

Lot 327 DP/MPS 16327

SCANNED

15 SEP 2008

PITTWATER COUNCIL

R#246179.

DESCRIPTION OF DEVELOPMENT

Type of Work	Building Work
Description	Swimming pool

COUNCIL'S D/A CONSENT

Development Consent No	NO280/08
D A Approval Date	28/7/08

BUILDING CODE OF AUSTRALIA**BUILDING CLASSIFICATION** 10b

BUILDER or OWNER/BUILDER

Name	Blue Haven Pools & Spas
Contractor Licence No or	5367C
Owner Builder Permit No	

\$ VALUE OF WORK

Swimming Pool	\$51,000 00
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DATE C C APPLICATION RECEIVED

Date Received	11/9/08
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DETERMINATION

Decision	Approved
Date of Decision	11/09/08

ATTACHEMENTS

Plan prepared by	Blue Haven Pools & Spas
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PLANS AND SPECIFICATIONS**APPROVED/REFUSED**

List plan no(s) and specifications

Plan prepared by

Blue Haven Pools & Spas

RIGHT OF APPEAL

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

ACCREDITATION BODY

PlanningNSW, 20 Lee Street, Sydney 2000

CERTIFICATION

I certify that the work if completed in accordance with these plans and specifications (with such modifications verified by the Certifying Authority as may be shown on that documentation) will comply with the requirements of the Environmental Planning and Assessment Regulation 2000 as referred to in s81A(5) of the Environmental Planning and Assessment Act 1979

CERTIFYING AUTHORITY

Name of Certifying Authority

SS Certifications

Name of Accredited Certifier

Simon Trives

Accreditation No

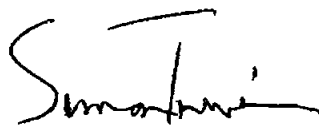
BPB0414

Contact No

(02) 9676 2370

Address

Post Office Box 2 Doonside NSW 2767



SIGNED

DATED

11/09/08

INFORMATION ON REQUIRED INSPECTIONS

Please find your Construction Certificate 08/3227 enclosed for

201 Plateau Rd, Bilgola Plateau

We will be required to carry out the following critical stage inspections

- Commencement / Pool steel
- Pool fence
- Final

TO BOOK AN INSPECTION CALL US ON 02 9676 2370

*****PLEASE BOOK INSPECTIONS BEFORE 3:00PM THE DAY
PRIOR TO THE INSPECTION*****

Contact Personnel

To check the status of your job contact

Simon Trives

For technical enquiries contact

Simon Trives

CONSTRUCTION / COMPLYING DEVELOPMENT CERTIFICATE APPLICATION FORM

Principal Certifying Authority (PCA) Agreement

Issued under the Environmental Planning and Assessment Act 1979

Privacy Policy – The information you provide in this form will enable your application to be assessed by the Certifying Authority under the Environmental Planning and Assessment Act 1979. If the information is not to be provided, the application may not be accepted. The application can potentially be viewed by members of the public. Please contact Simon Trives if the information you have provided in the application is incorrect or required modification.

<input checked="" type="checkbox"/> Construction Certificate	<input type="checkbox"/> Complying Development Certificate
Development Application No <u>N0280/08</u>	
Date DA Approved <u>28/7/08</u>	<input type="checkbox"/> PCA Only

APPLICANT

Name/s S KRANENBURG
Postal Address 201 PLATEAU RD, BILGOLA PLATEAU
Ph/Fax Mobile 0414 606 491 | 9973 3229

OWNERS DETAILS ☒ (If same as applicant, tick box)

Name/s _____
Postal Address _____
Ph/Fax Mobile _____

LAND TO BE DEVELOPED

Address 201 PLATEAU RD, BILGOLA PLATEAU Gross Site Area 4905m²
Lot No 327 DP/MPS 16327 Council Area PITTWATER

DETAILS OF DEVELOPMENT

Description of work Swimming Pool
Estimated cost of work \$51,000.00 Class of work 10b

DETAILS OF BUILDER

Builders Name Blue Haven Pools & Spas Builders Licence Number 5367C
Builders Address 68 Hume Highway, Lansvale 2166 Builders Phone Number 9728 0444

If you are not using a licensed builder please complete the next three questions where applicable

- 1 Are you an owner builder? Y N (please circle)
- 2 If yes, Please provide owner builder permit number _____
- 3 If no, please sign the following declaration
I/we declare that the reasonable market cost of the labour and materials to be used is less than \$5000

Signed by ALL owners _____

OWNERS DECLARATION

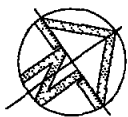
(Please tick)

- ☐ As owners of the above mentioned property we consent to this application
- ☐ As owners of the above mentioned property, we wish to appoint Simon Trives as the Principal Certifying Authority (PCA)

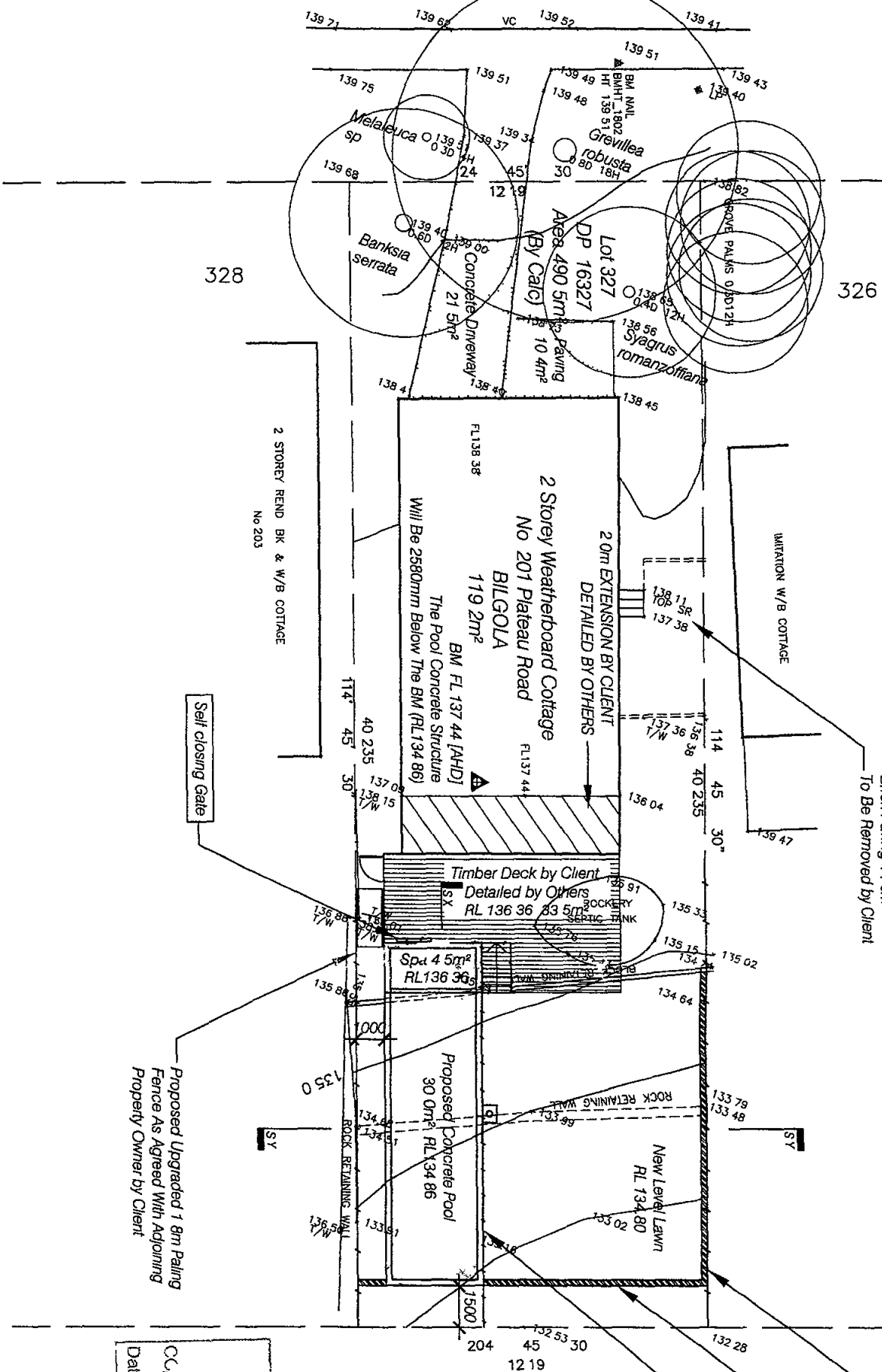
Owners Signature/s _____ Date _____

Applicant Signature/s _____ Date _____
(If different from owner/s)

By consenting to and signing this application form I am agreeing to pay all associated fees and charges including those incurred by SS Certifications on my behalf



PLATEAU ROAD



Legend

Boundary

Existing Spot Heights

Paving

Existing Tree

IDENTIFY & MARK THE LOCATION OF ALL ABOVE & BELOW GROUND SERVICES PRIOR TO COMMENCING ANY WORK TAKE ALL REQUIRED PRECAUTIONS TO PREVENT DAMAGE TO SERVICES

BM FL 137.44 (AHD)
The Pool Concrete Structure
Will Be 2580mm Below the BM (RL 134.86)
The Spa Concrete Structure
Will Be 1080mm Below the BM (RL 136.36)
Sound Proof Filter Box

POOL OVERFLOW TO BE PUMPED TO SEWER TO COUNCIL'S & SYDNEY WATER'S REQUIREMENTS

NOTE FENCE LOCATIONS HAVE NOT BEEN DETERMINED IN RELATION TO BOUNDARIES

SITE CALCULATIONS

SITE 490.5m²	
PROPOSED SITE COVERAGE	
Residence	119.2m²
Driveway	21.5m²
Deck	33.5m²
Paving	10.4m²
Proposed Pool	30.0m²
Proposed Spa	4.5m²
Proposed Coping	6.5m²

PROPOSED IMPERVIOUS AREAS
(Including Pool)
225.6m² (46%)
PROPOSED SOFT LANDSCAPED AREAS
264.9m² (54%)
Variation Allowed for Functional Landscape Area (6%) 29.4m²
TOTAL 294.3m² (60%)

JUST BT

SCALE 1:200

SITE PLAN

BLUE HAVEN POOLS & SPAS PTY LTD

Keighran and Associates Pty Ltd
Consulting Structural and Civil Engineers
ABN 25 003 832 291

APPROVED

DATE 13/02/08

PROPOSED SWIMMING POOL STRUCTURAL DETAILS
FOR S KRANENBURG
AT 201 PLATEAU ROAD, BILGOLA

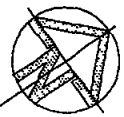
DATE 14/09/08
DRAWN KSR
SHEET 1 OF 7
DRAWING/CONTRACT NO
RHD 07115752

Site Plan & Pool Plans prepared by Blue Haven Pools & Spas Pty Ltd
68 Hurme Highway Lansvale NSW 2166
Telephone (02) 9728 0444 Fax (02) 9728 0455

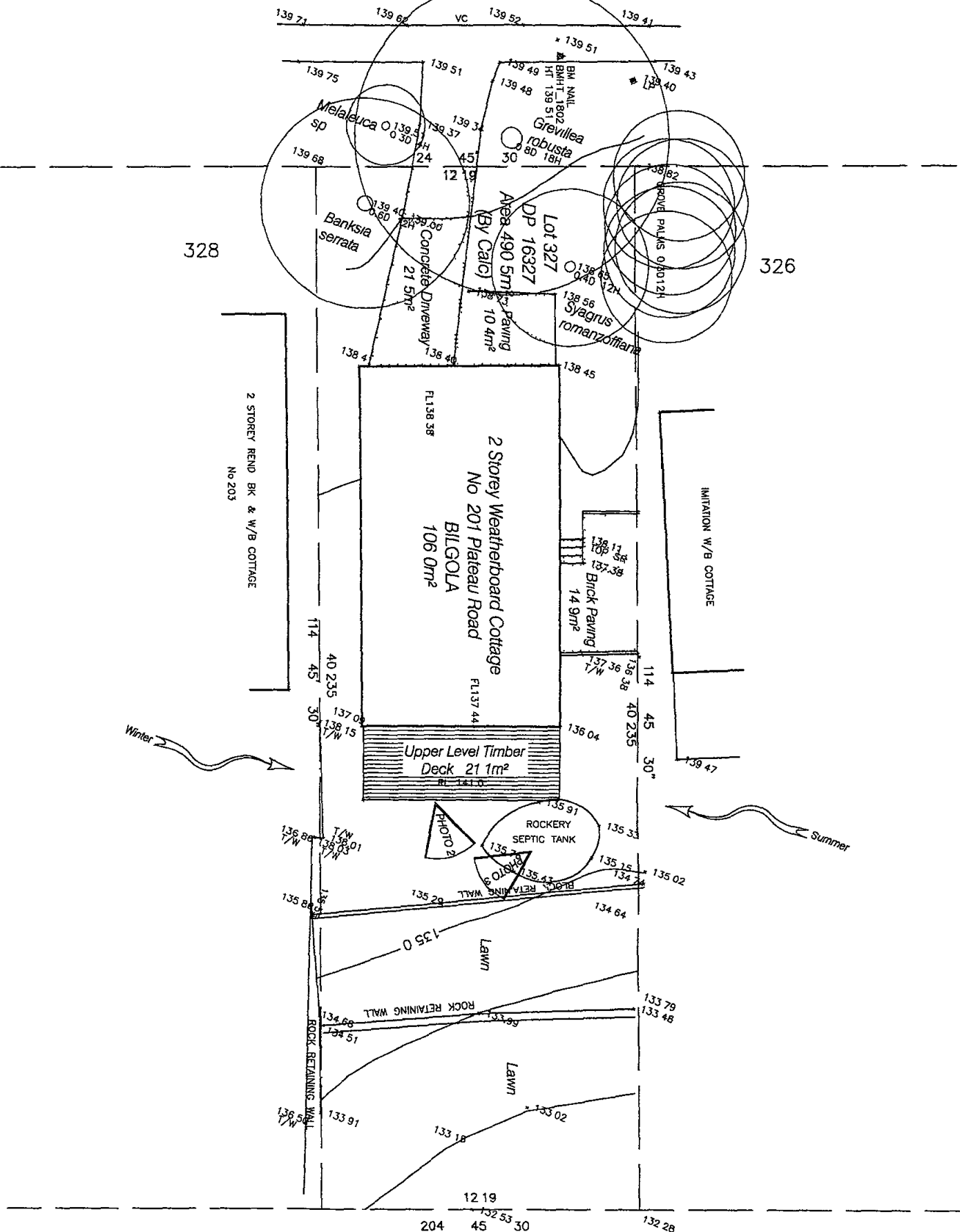


BE (Hons) MEngSci FIEAust CPEng
STRUCTURAL ENGINEER





PLATEAU ROAD



Legend

Prevailing Wind Direction

Receiving Direct Sun

Photo Number & Direction

Boundary

Existing Spot Heights

Paving

Existing Tree

NOTE: FENCE LOCATIONS HAVE NOT BEEN DETERMINED IN RELATION TO BOUNDARIES

SS Certifications
APPROVED

cc/ee 08/3227
Date 11 SEP 2003

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PROPOSED SWIMMING POOL
FOR S KRANENBURG
AT 201 PLATEAU ROAD, BILGOLA

SITE ANALYSIS

SCALE 1:200



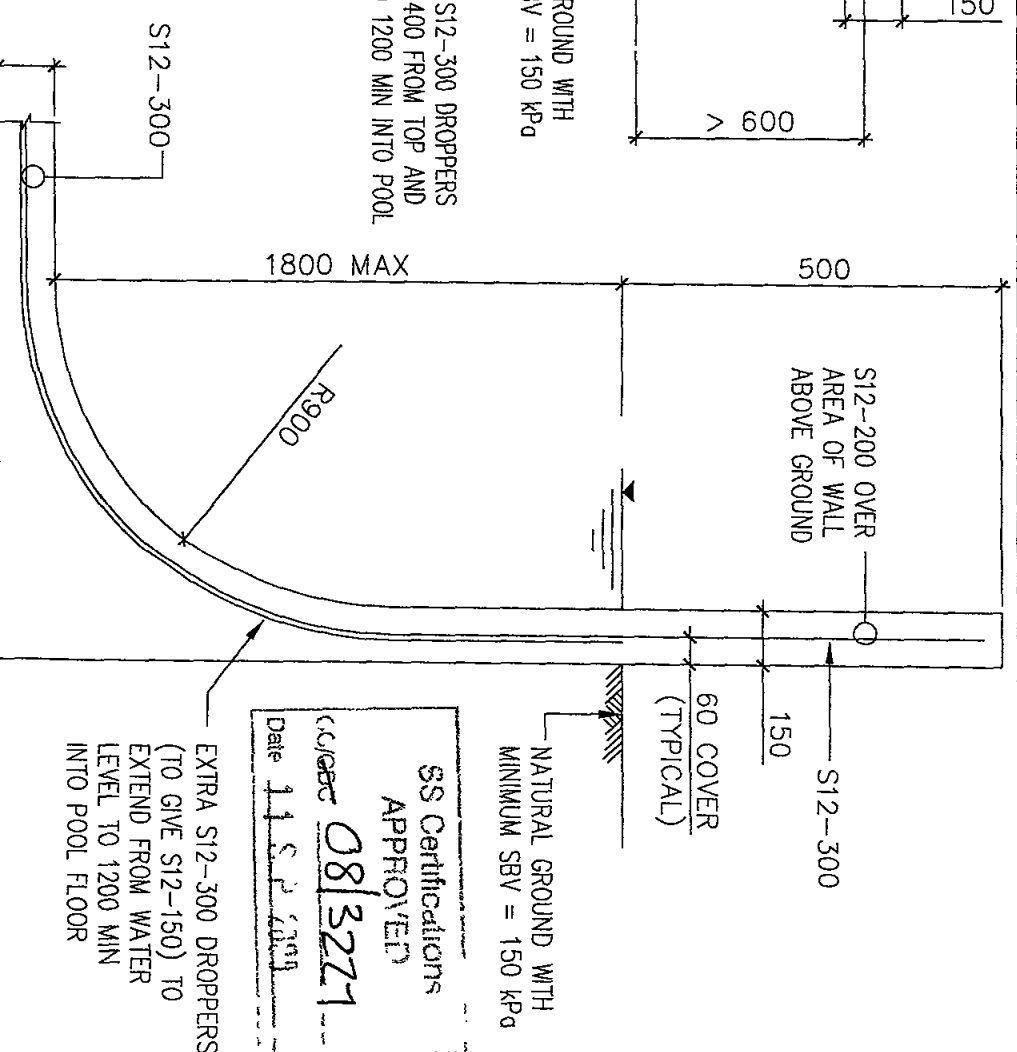
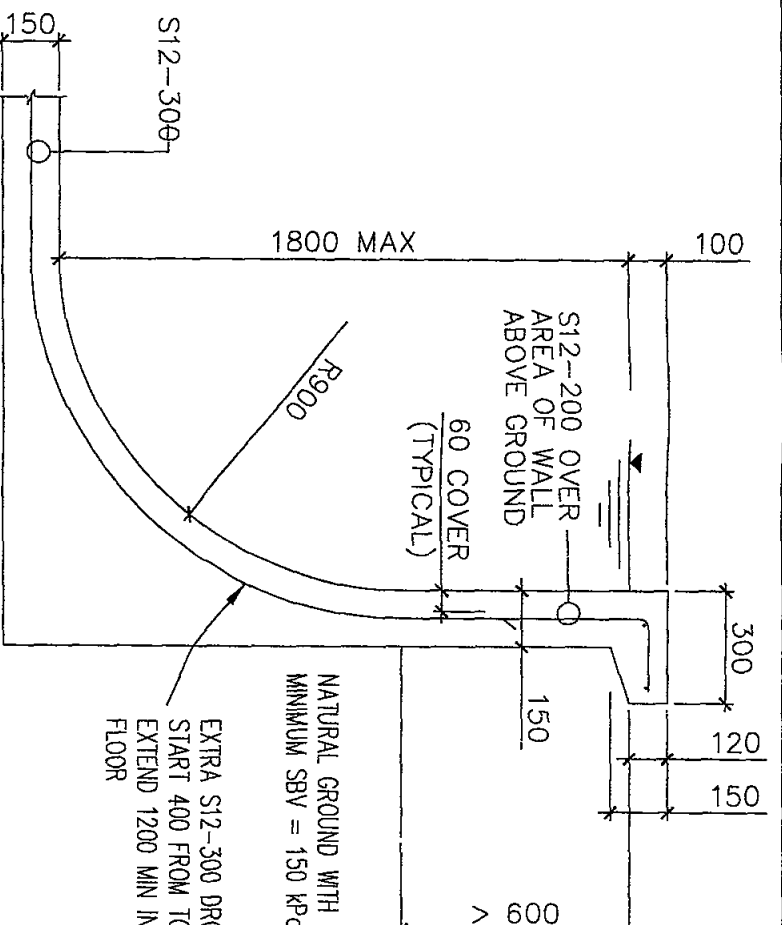
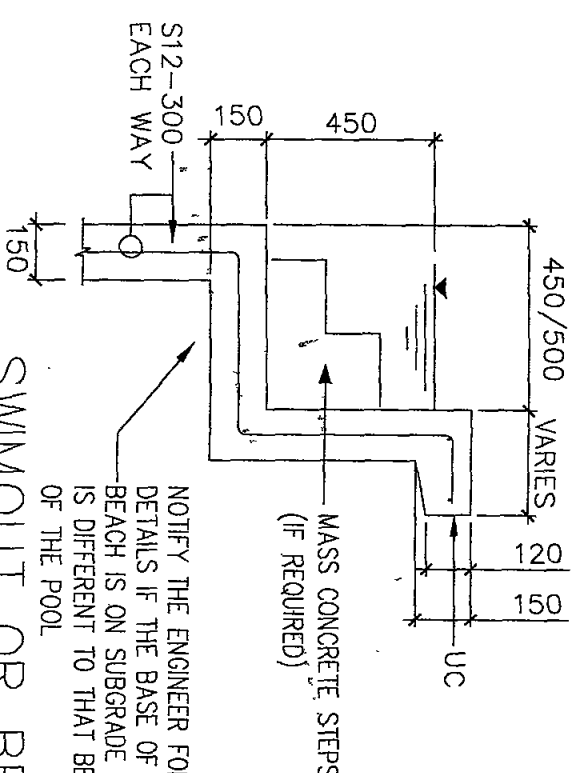
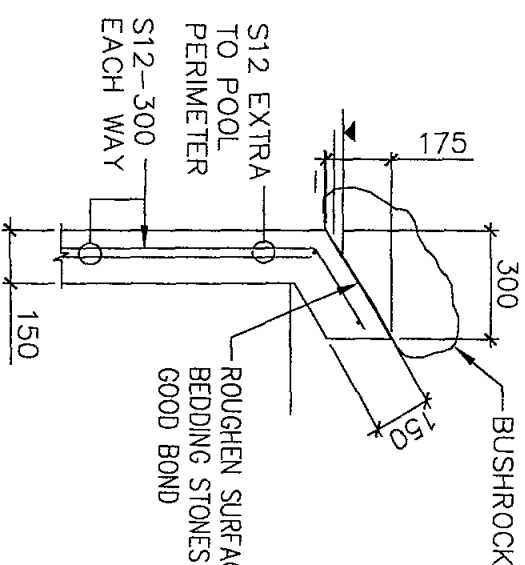
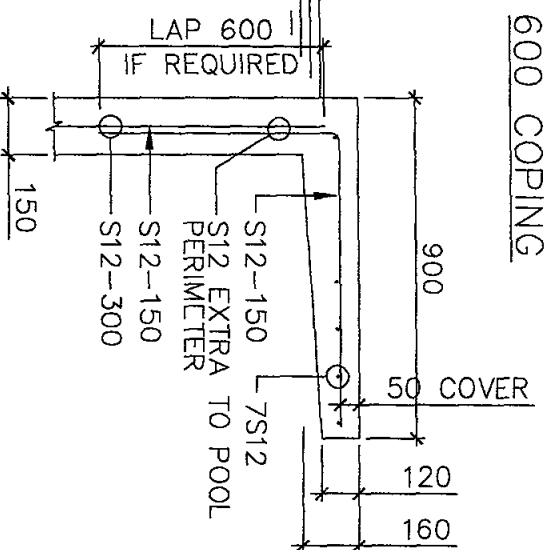
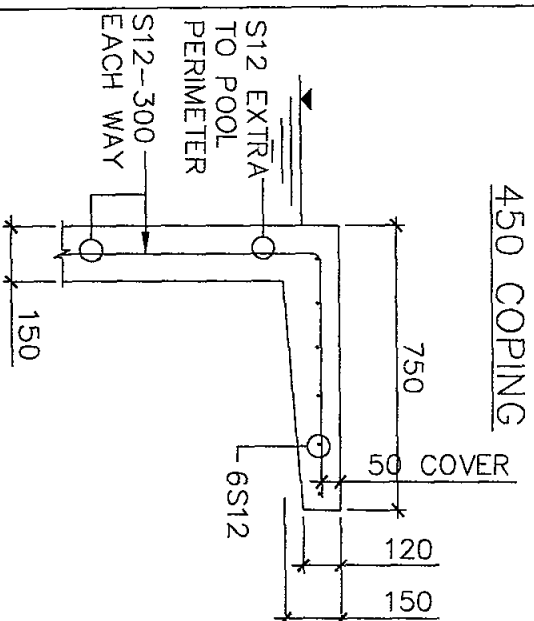
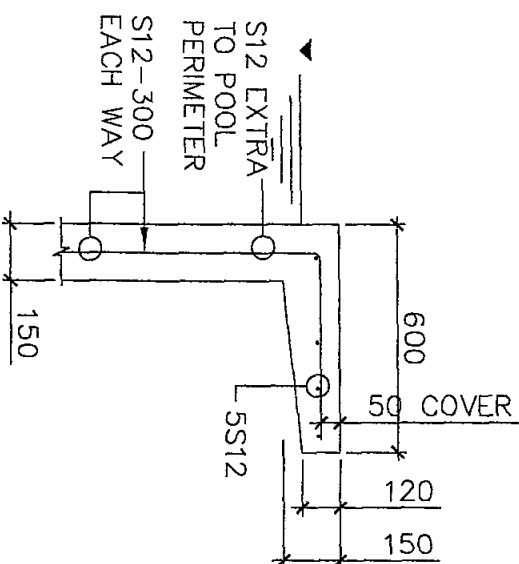
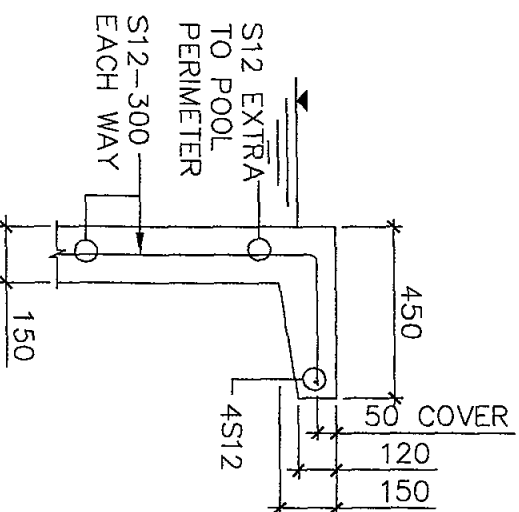
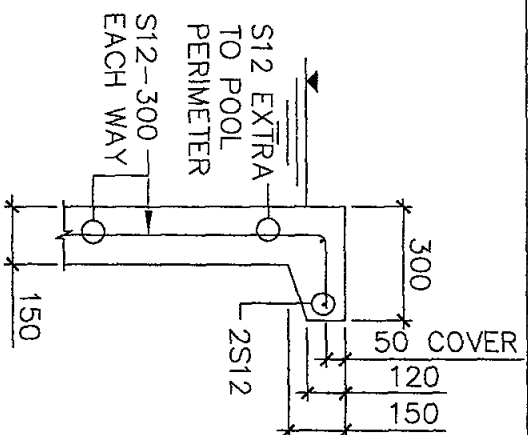
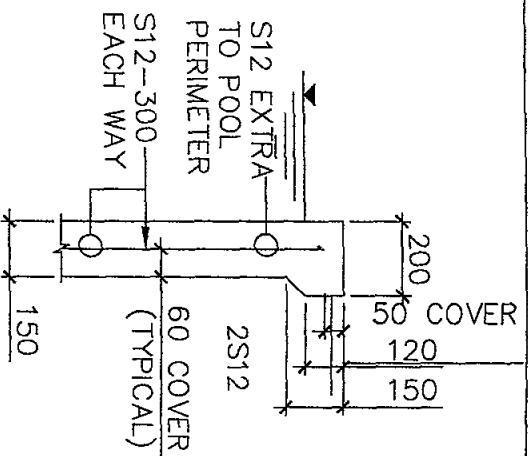
DATE 14/05/08

DRAWN KSR

SHEET 2 OF 7

DRAWING/CONTRACT No

PLAN NOT TO SCALE



SS Certifications
APPROVED
08/3227
Date 11 SEP 2019

COPING DETAILS

1 20

FEATURE WALL DETAIL TO 1000mm

1 20

REFER TO THE ENGINEER IF THE FEATURE WALL IS TO BE PART RETAINING OR IF ITS HEIGHT IS TO EXCEED 1000 ABOVE GROUND

SWIMOUT OR BEACH

1 20

BLUE HAVEN POOLS & SPAS PTY LTD

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Telephone (02) 9728 0444 Fax (02) 9728 0455



Keighran and Associates Pty Ltd
Consulting Structural and Civil Engineers
ABN 25 003 832 291
APPROVED
DATE 14/05/08

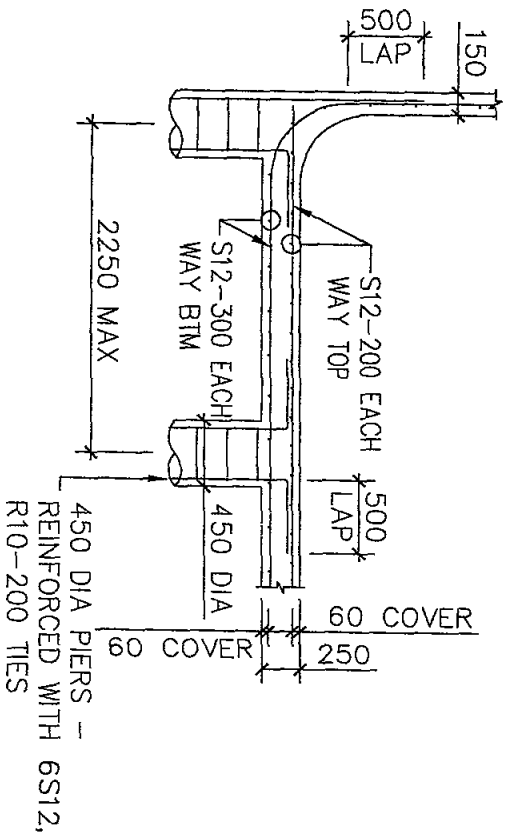
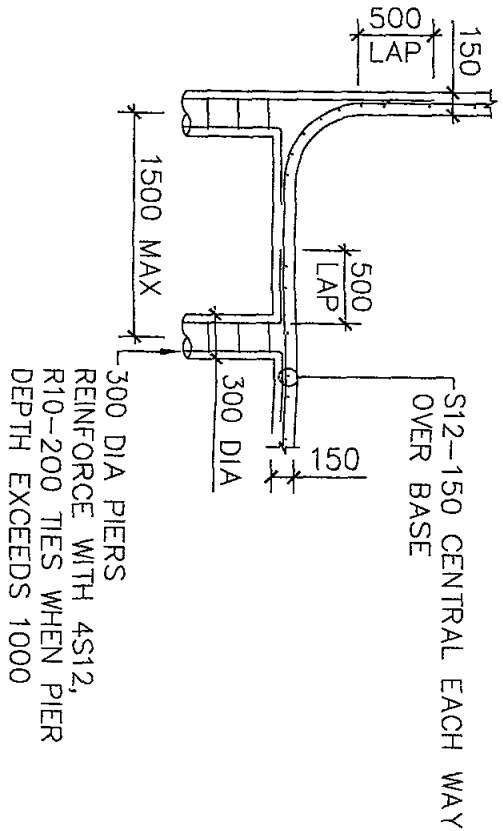
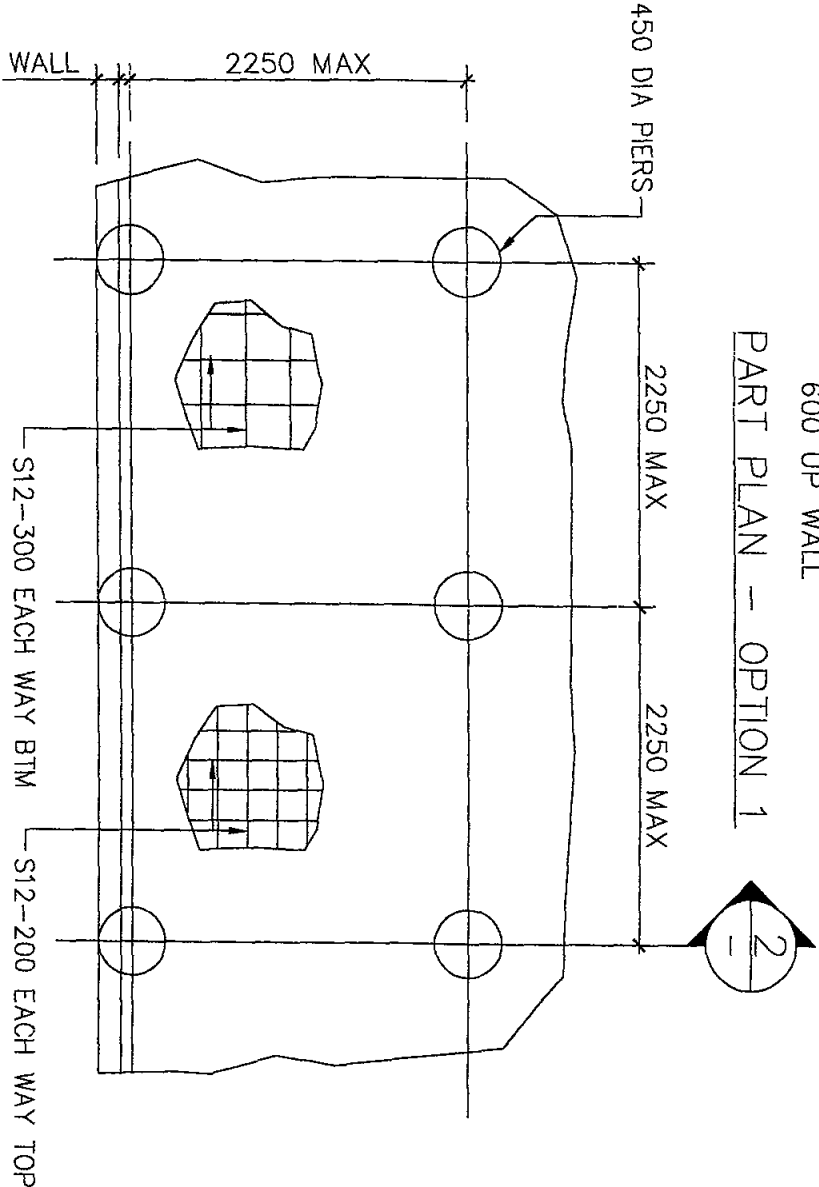
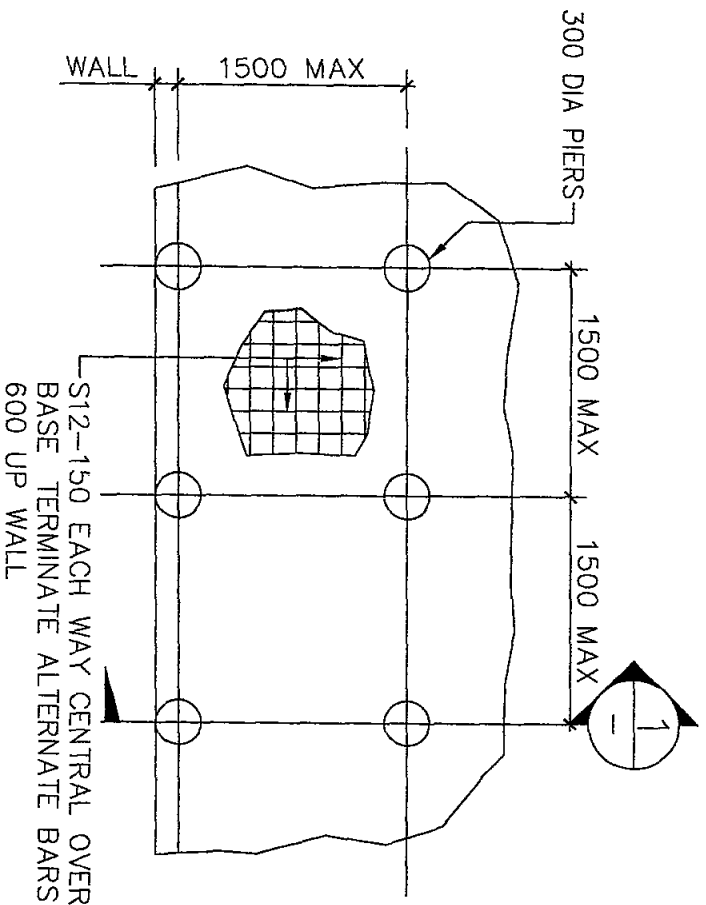
Registered NPER 3719 (Structural & Civil)
BE (Hons), MEngSci, FEAust CEEng



PROPOSED SWIMMING POOL STRUCTURAL DETAILS
FOR S KRANENBURG
AT 201 PLATEAU ROAD, BILGOLA

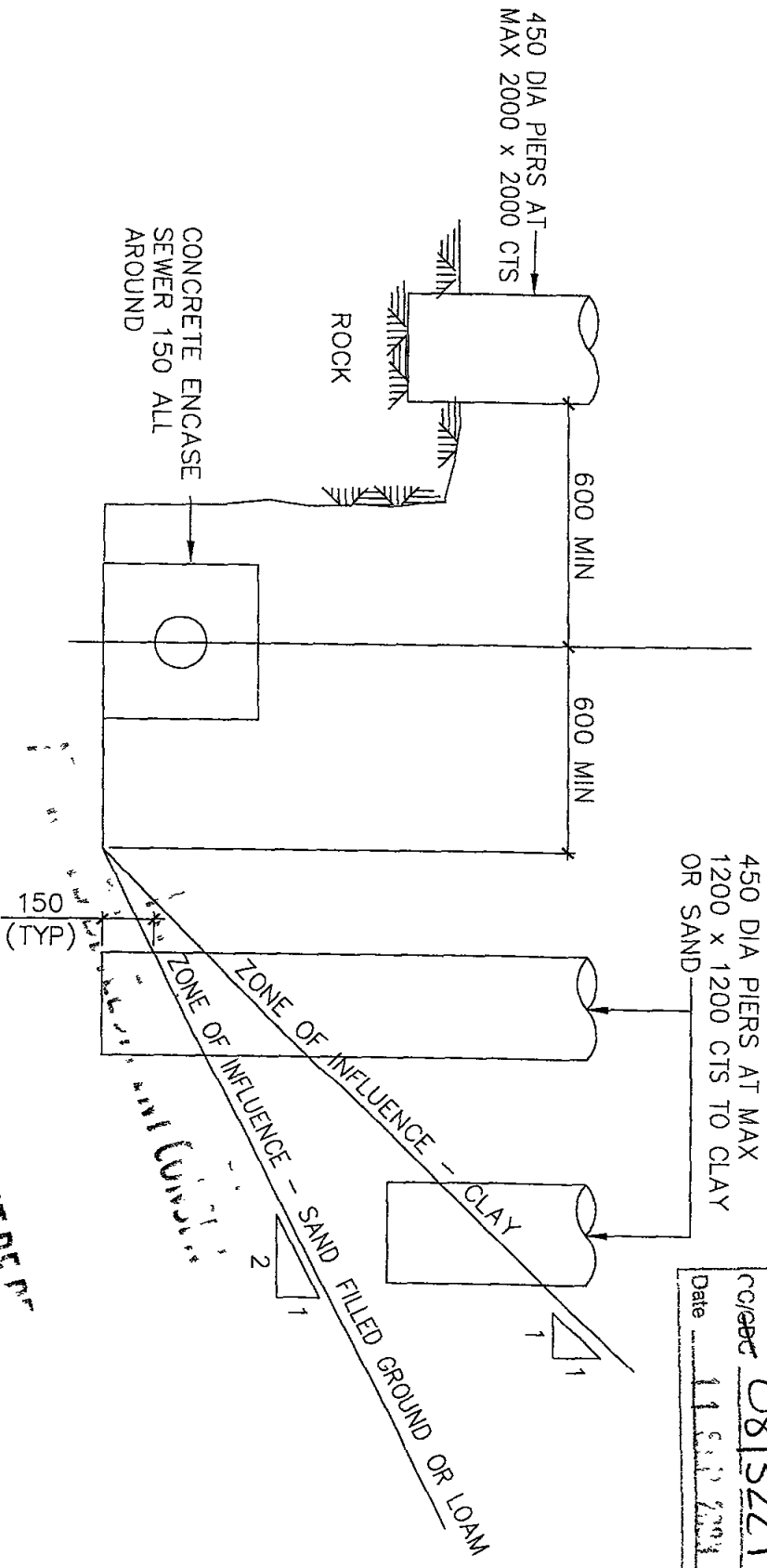
DATE 14/05/08
DRAWN KSR
SHEET 4 OF 7

DRAWING/CONTRACT No
DUN 07745777



SECTION 1
1 50

SECTION 2
1 50



PIERS 1 50
F_c = 20 MPa
60 COVER TO REINFORCEMENT
PIERS TO BE FOUNDED IN UNIFORM ROCK WITH A SAFE BEARING VALUE OF 800 kPa REFER TO THE ENGINEER IF DEPTH OF PIERS EXCEEDS 3000

Structural details only certified by

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ABN 25 003 832 291
APPROVED *[Signature]* DATE 14/05/08
BE (Hons) MEngSci FEAust CPEng
Registered NPER 3719 (Structural & Civil)



PROPOSED SWIMMING POOL STRUCTURAL DETAILS
FOR S KRANENBURG
AT 201 PLATEAU ROAD, BILCOLA

- 1 CLAY OR SAND TO HAVE A MINIMUM SAFE BEARING VALUE OF 200kPa
2 ROCK TO HAVE A MINIMUM SAFE BEARING VALUE OF 800kPa
3 POOL BASE TO BE AS PER SUSPENDED POOL FOR RELEVANT PIER SPACING

TYPICAL BUILDING OVER SYDNEY WATER SEWER
1 20

SS Certifications
APPROVED
08/3221
Date 11/05/2008

DATE 14/05/08	SHEET 5 OF 7
DRAWN KSR	
DRAWING/CONTRACT No	BHP 07115753

SS Certifications
APPROVED
08/3221
Date 14/05/08

GENERAL

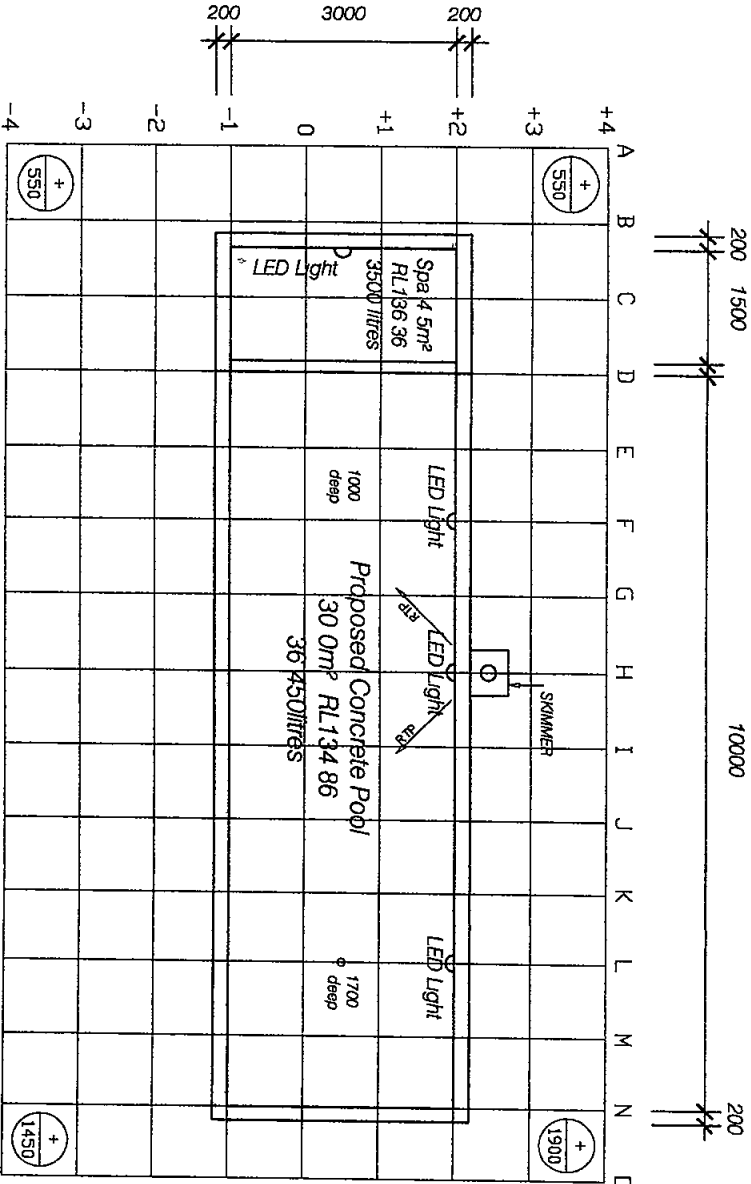
- G1 ALL WORKMANSHIP AND MATERIALS SHALL BE IN ACCORDANCE WITH AS2783 - 1992
G2 THE SETTING OUT DIMENSIONS SHALL BE CHECKED ON SITE PRIOR TO COMMENCING EXCAVATION
G3 ANY UNFORSEEN VARIATIONS TO THE ASSUMED SITE CONDITIONS SHALL BE REFERRED TO THE ENGINEER PRIOR TO PROCEEDING
G4 THE WALKWAYS AND COPINGS HAVE BEEN DESIGNED FOR A LIVE LOAD OF 4kPa
G5 THE ENGINEER SHALL BE NOTIFIED OF ANY PROPOSED VARIATION TO THIS PRIOR TO PLACING THE REINFORCEMENT
G6 PRIOR TO EMPTYING THE POOL THE OWNER SHALL ENSURE THAT ALL EXTERNAL GROUNDWATER HAS BEEN REMOVED FROM THE BASE AND WALLS OF THE POOL
G7 THE ENGINEER SHALL BE NOTIFIED IF THE POOL IS OUT OF THE GROUND BY MORE THAN 900

CONCRETE

- C1 THE DETAILS PRESENTED ON THE FOLLOWING SHEETS COMPLY WITH THE REQUIREMENTS OF AS2783-1992
C2 ALL WORKMANSHIP SHALL BE IN ACCORDANCE WITH AS3600
C3 ALL CONCRETE SHALL HAVE A MINIMUM 28 DAY CONCRETE COMPRESSIVE STRENGTH OF 25MPa AND HAVE A MAXIMUM AGGREGATE SIZE OF 10mm AND A MAXIMUM SLUMP OF 80mm UNLESS NOTED OTHERWISE
C4 WHERE THE POOL IS LOCATED WITHIN 1km OF LARGE EXPANSES OF SALT WATER THE CONCRETE SHELL SHALL HAVE A MINIMUM 28 DAY CONCRETE COMPRESSIVE STRENGTH OF 32MPa
C5 CONCRETE SIZES SHOWN DO NOT INCLUDE FINISH AND MUST NOT BE REDUCED OR HOLED IN ANY WAY WITHOUT THE APPROVAL OF THE ENGINEER HOWEVER THE RADIUS OR CONCRETE THICKNESS MAY BE INCREASED
C6 UNLESS OTHERWISE NOTED CLEAR CONCRETE COVER SHALL BE IN ACCORDANCE WITH AS2783-1992
C7 CONCRETE COVER SHALL BE MAINTAINED BY THE USE OF APPROVED CHAIRS AT APPROXIMATELY 750 CROSS CENTRES
C8 ALL CONCRETE SHALL BE CURED BY THE OWNER FOR A MINIMUM OF 7 DAYS AFTER POURING BY KEEPING ALL EXPOSED SURFACES WET WITH WATER
C9 S NOTATION TO REINFORCEMENT DENOTES GRADE 230 DEFORMED BAR
C10 UNLESS OTHERWISE NOTED ALL REINFORCEMENT LAPS SHALL BE A MINIMUM OF 500mm
C11 PROVIDE 10mm CONTROL JOINTS IN THE WALKWAY FINISH AT MAXIMUM 4000 CENTRES AND AT POINTS OF RE-ENTRANT CORNERS IN PLAN
C11 PROVIDE 10mm CONTROL JOINTS BETWEEN THE PERIMETER EDGE OF THE POOL AND ALL ABUTTING CONCRETE OR MASONRY FINISHES

FOUNDATION

- F1 THE DESIGN OF THE POOL HAS BEEN BASED ON BEING SUPPORTED BY UNIFORM NATURAL GROUND WITH A MINIMUM SAFE BEARING VALUE OF 150kPa (UNLESS SHOWN AS SUSPENDED ON PIERS) THE BUILDER SHALL NOTIFY THE ENGINEER IF ANY OTHER GROUND CONDITIONS ARE ENCOUNTERED PRIOR TO COMPLETING THE EXCAVATION THE BUILDER SHALL ALSO NOTIFY THE ENGINEER IF A CLASS H OR E SUBGRADE IS ENCOUNTERED
F2 THE EXCAVATION SHALL BE KEPT FREE OF WATER ANY SOFTENED SUBGRADE MATERIAL SHALL BE REMOVED AND REPLACED WITH COMPACTED GRANULAR FILL PRIOR TO PROCEEDING
F3 THE UNDERSIDE OF THE POOL SHALL BE SEPARATED FROM THE SUBGRADE WITH A 200um POLYTHENE MEMBRANE OVER 50 CRUSHED STONE COURSE AGGREGATE OR OTHER MATERIAL AS APPROVED BY THE ENGINEER
F4 ANY PROPOSED EXCAVATIONS WHICH ARE TO BE WITHIN THE ZONE OF INFLUENCE OF AN EXISTING STRUCTURE SHALL BE REFERRED TO THE ENGINEER PRIOR TO COMMENCEMENT



SPA
PROVIDE 6 JETS
PROVIDE 1 AIR BLOWER
PROVIDE 1 AIR RING
PROVIDE 1 FOOTWELL

POOL
PROVIDE 3 LED LIGHTS
PROVIDE 2 OCEAN SCOOTERS
PROVIDE 3 UMBRELLA HOLDERS
PROVIDE 1 SOLAR COVER

LEVELS SHOWN INDICATE FINISHED STRUCTURAL LEVEL

⊕ ABOVE

⊖ OR BELOW EXISTING GROUND LEVELS

Structural details only certified by

BLUE HAVEN POOLS & SPAS PTY LTD

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DATE 14/05/08
BE (Hons) MEngSci FIEAust CPEng
Registered NPER 3719 (Structural & Civil)



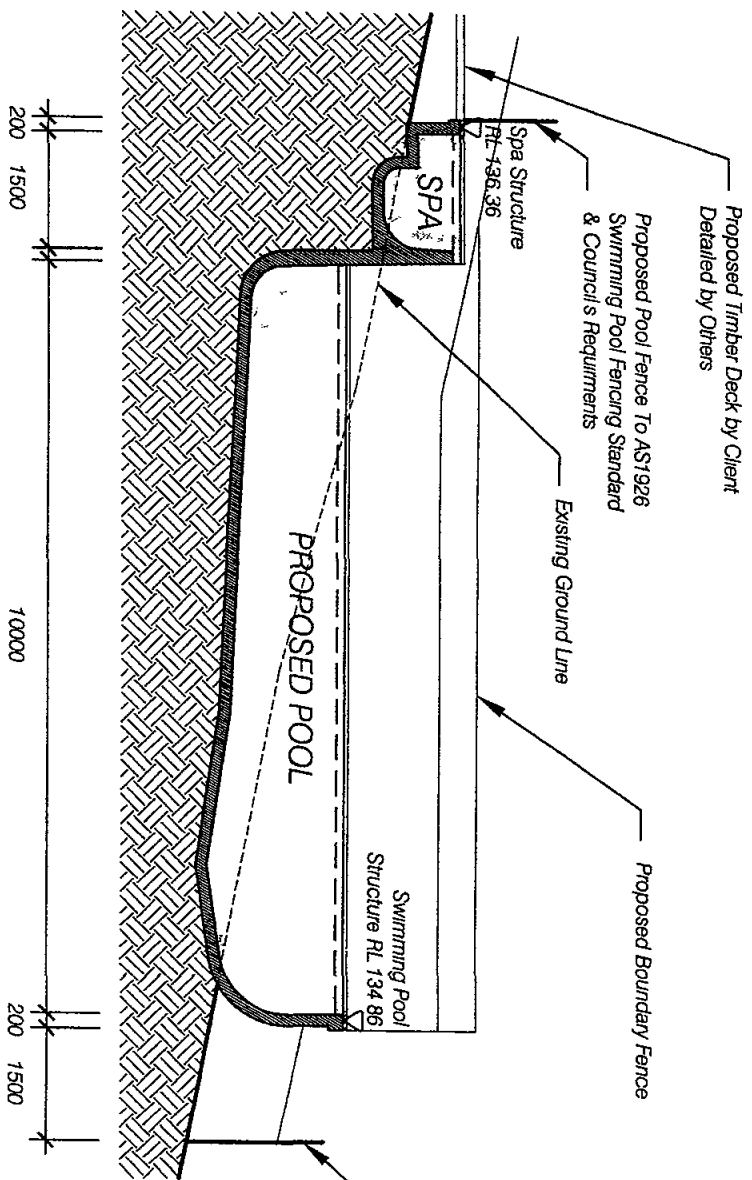
PROPOSED SWIMMING POOL STRUCTURAL DETAILS
FOR S KRANENBURG
AT 201 PLATEAU ROAD, BILGOLA

SCALE 1:100

0 1 2 3 4 5 10

P O O L P L A N

DATE 14/05/08
DRAWN KSR
SHEET 6 OF 7
DRAWING/CONTRACT No
BHP 07715753



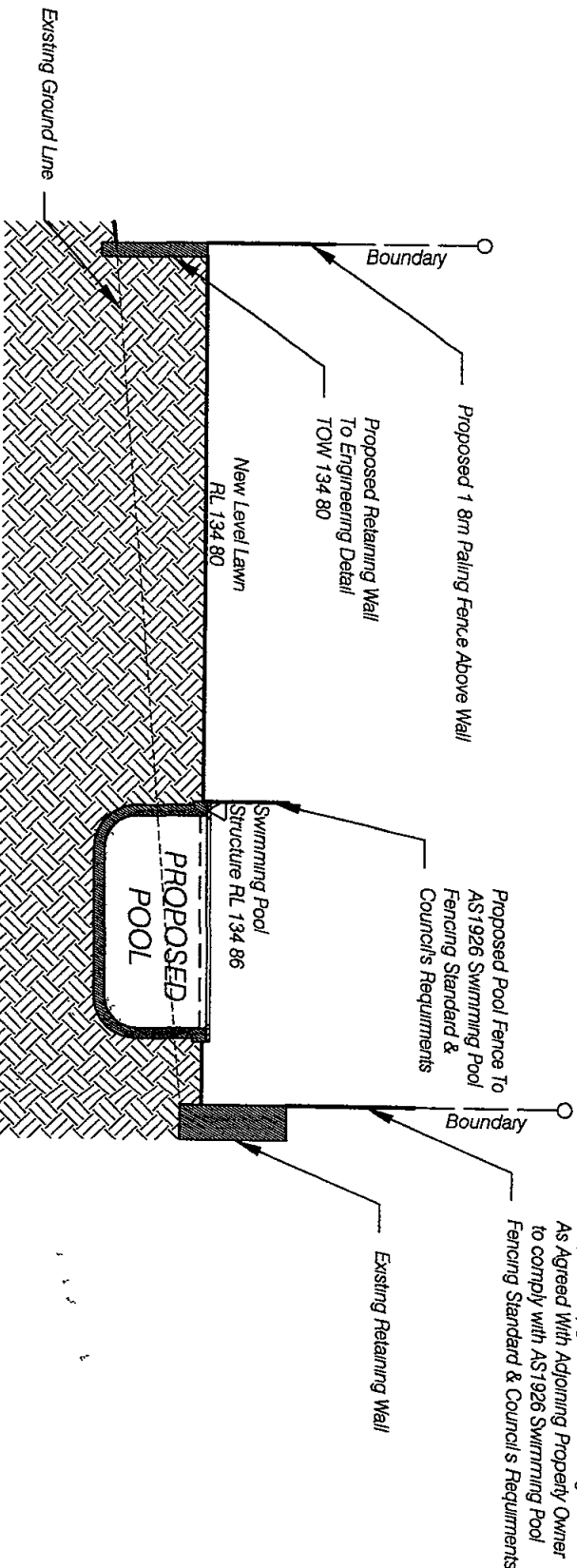
Existing Fences to be upgraded if
required to comply with AS1926
Swimming Pool Fencing Standard
& Council's Requirements

137 0
136 0
135 0
134 0
133 0
132 0

Sectional Elevation X

1 - 100 @ A3

137 0
136 0
135 0
134 0
133 0
132 0



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APPROVED
08/3221
Date 11 Oct 2008

POOL SHELL APPROXIMATE ONLY REFER
ENGINEERS DETAIL & SPECIFICATION !

Sectional Elevation Y

1 - 100 @ A3

SCALE 1:100

SECTIONAL ELEVATION

0 1 2 3 4 5 10

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P R O P O S E D S W I M M I N G P O O L
FOR S KRANENBURG
AT 201 PLATEAU ROAD, BILGOLA

DATE 14/05/08
DRAWN KSR

SHEET 7 OF 7

DRAWING/CONTRACT No
BHP 0715753

