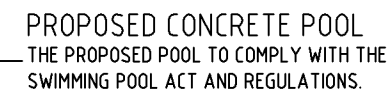
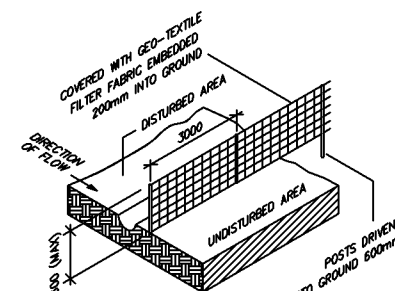


NOTE: 3 x JETS IN BEACH AREA



BOUNDARY FENCING TO COMPLY WITH THE
SWIMMING POOL ACT AND REGULATIONS.



SEDIMENT FENCE DETAIL
NOT TO SCALE

Drainage PLAN

SCALE 1: 400.

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 UNFORESEEN 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. THE ENGINEER SHALL BE NOTIFIED OF ANY PROPOSED VARIATION TO THIS PRIOR TO PLACING THE REINFORCEMENT.
G5 PRIOR TO EMPTYING THE POOL, THE OWNER SHALL ENSURE THAT ALL EXTERNAL GROUNDWATER HAS BEEN REMOVED FROM THE BASE AND WALLS OF THE POOL.
G6 THE ENGINEER SHALL BE NOTIFIED IF THE POOL IS OUT OF THE GROUND BY MORE THAN 900.
G7 THE DETAILS PRESENTED ON THE FOLLOWING SHEETS COMPLY WITH THE REQUIREMENTS OF AS2783-1992.

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C5 COMPRESSIVE STRENGTH OF 32MPa.
C6 CONCRETE SIZES SHOWN DO NOT INCLUDE FINISH AND MUST NOT BE REDUCED OR HOLED IN ANY WAY WITHOUT THE APPROVAL OF THE ENGINEER. HOWEVER,
C7 THE RADIUS OR CONCRETE THICKNESS MAY BE INCREASED.
C8 UNLESS OTHERWISE NOTED, CLEAR CONCRETE COVER SHALL BE IN ACCORDANCE WITH AS2783-1992.
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C12 UNLESS OTHERWISE NOTED, ALL REINFORCEMENT LAPS SHALL BE A MINIMUM OF 500mm.
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C14 PROVIDE 10mm CONTROL JOINTS BETWEEN THE PERIMETER EDGE OF THE POOL AND ALL ABUTTING CONCRETE OR MASONRY FINISHES.

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', 'E' OR 'P' SUBGRADE IS ENCOUNTERED.

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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.

Structural details only certified by:

SITE AREA = 2333m²
RESIDENCE etc. = 300m²
GARAGE = 65m²
DRIVEWAY/ PATHS = 80m²
PROPOSED POOL/COPING = 70m²
TOTAL B.U.A. = 515m² = 23%
LANDSCAPED AREA = 77%

▼ DATUM - CONCRETE SLAB of Alfresco as marked. Pool to be 300 BELOW the datum.



APPROVED

DATE 4 / 5 / 17

Registered NPER 3719 (Structural & Civil)



AT: 64 NINTH AVE. JORDAN SPRINGS. NSW

DRAWN: JF

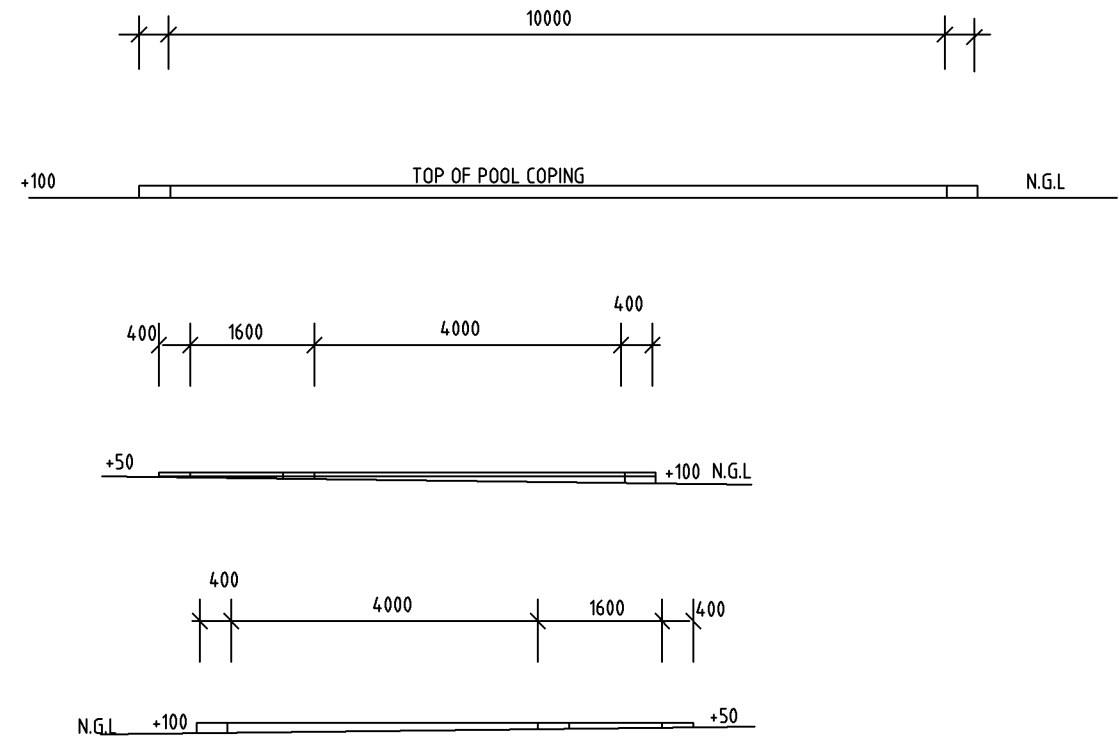
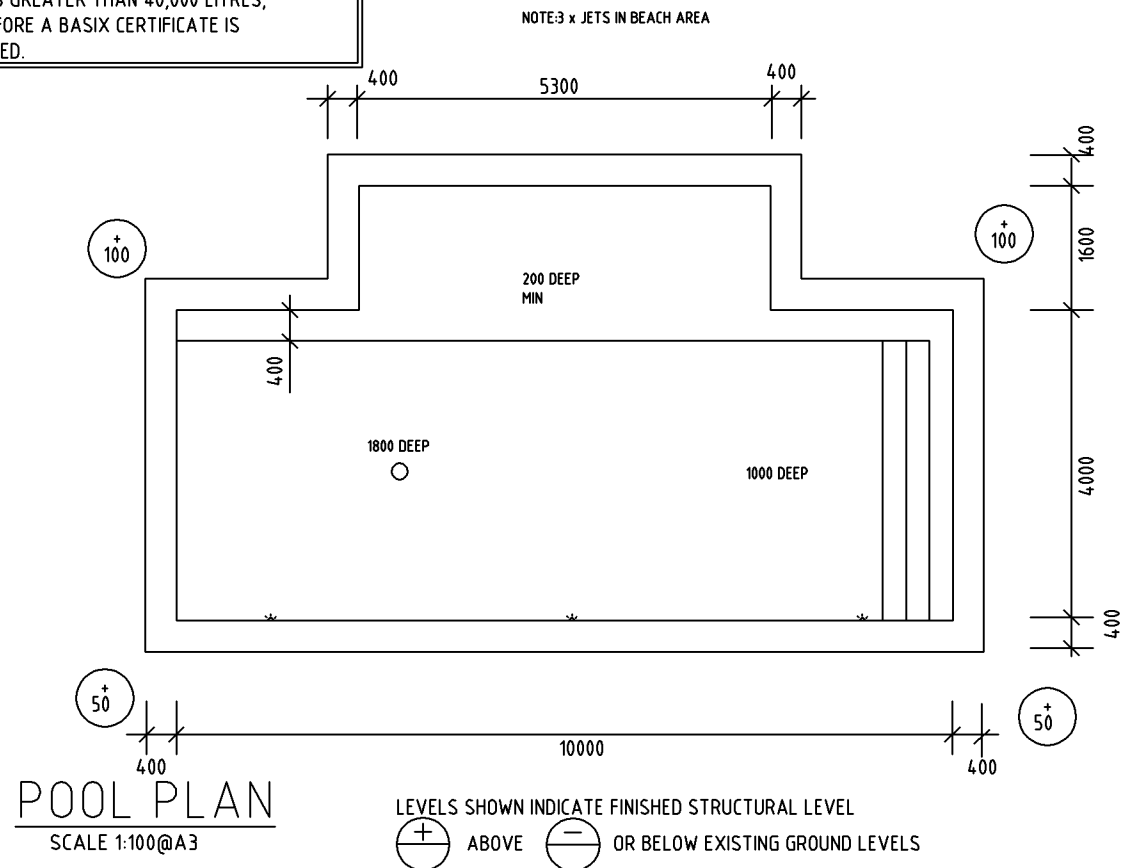
SHEET 1 OF 1

17S2413

Document Set ID: 7671926
Telephone: (02) 9728 0444 Fax: (02) 9754 2906
Web: <http://www.austlii.edu.au/au/other/austrlii/au/dfat/>

Document Set ID: 7671926
Telephone: (02) 9728 0444 Fax: (02) 9728 0444
Version: 2 Version Date: 19/06/2011

POOL WATER CAPACITY IS 49755 LITRES. THIS POOL IS GREATER THAN 40,000 LITRES, THEREFORE A BASIX CERTIFICATE IS REQUIRED.



ELEVATIONS

SCALE 1: 100,

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FOUNDATION

- | | |
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Structural details only certified by:

BLUE HAVEN POOLS SOUTH PTY LTD

Site Plan & Pool Plans prepared by Blue Haven Pools & Spas Pty Ltd

68 Hume Highway Lansvale NSW 2166

Document Set ID: 7671926
Telephone: (02) 9728 0444 Fax: (02) 9754 2906

Version: 2, Version Date: 19/06/2017



Keighran and Associates Pty Ltd

Consulting Structural and Civil Engineers

ABN 25 003 832 291

APPROVED

DATE 4/5/17

BE (Hons), MEngSci, FIEAust, CPEng

Registered NPER 3719 (Structural & Civil)



PROPOSED SWIMMING POOL STRUCTURAL DETAILS

FOR: AGIUS

AT: 64 NINTH AVE, JORDAN SPRINGS. NSW

DATE: 4/05/17

DRAWN: JF

SHEET 1 OF 1

CONTRACT No./DRAWING No.

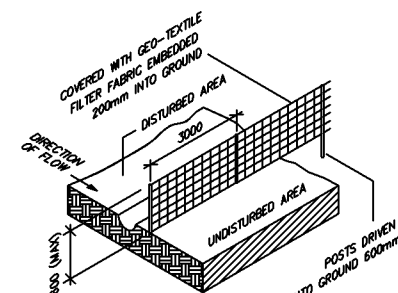
17S2413

NOTE: 3 x JETS IN BEACH AREA



1200 HIGH CHILD PROOF SAFETY FENCE
AND SELF CLOSING, SELF LOCKING
GATE TO AS1926 AND LOCAL COUNCIL
REQUIREMENTS (BY OTHERS)

BOUNDARY FENCING TO COMPLY WITH THE
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NOT TO SCALE

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RESIDENCE etc.= 300m²
GARAGE= 65m²
DRIVEWAY/ PATHS= 80m²
PROPOSED POOL/COPING = 70m²
TOTAL B.U.A. = 515m² = 23%
LANDSCAPED AREA = 77%

▼ DATUM - CONCRETE SLAB of Alfresco as marked. Pool to be 300 BELOW the datum.

ALL EXCAVATED MATERIAL TO BE REMOVED FROM SITE

ALL CONSTRUCTION MATERIAL TO BE REMOVED FROM SITE

SEDIMENTATION BARRIER TO BE ERECTED TO PREVENT
RUN -OFF INTO ADJOINING NEIGHBOURS PROPERTY

SANDBAGS TO BE USED TO PREVENT RUN-OFF INTO
STORMWATER SYSTEM

SCALE 1: 400.

DRAWN: JF

SHEET 1 OF 1

17S2413

FOR: AGIUS

AT: 64 NINTH AVE, JORDAN SPRINGS. NSW

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Site Plan & Pool Plans prepared by Blue Haven Pools & Spas Pty Ltd

68 Hume Highway Lansvale NSW 2166

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Telephone: (02) 9728 0444 Fax: (02) 9754 2906
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Keighran and Associates Pty Ltd

ABN 25 003 832 291

APPROVED

DATE 4/5/17

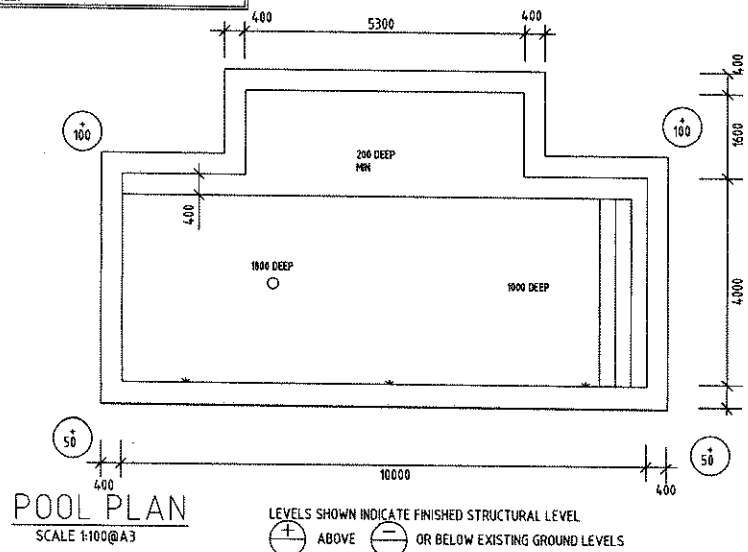
BE (Hons), MEngSci, FIEAust, CPEng

Registered NPER 3719 (Structural & Civil)



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NOTE: 3 x JETS IN BEACH AREA



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Site Plan & Pool Plans prepared by Blue Haven Pools & Spas Pty Ltd
58 Hume Highway Lansvale NSW 2166

Telephone: (02) 9728 0444 Fax: (02) 9754 2906



Keighran and Associates Pty Ltd

ABN 25 003 832 791

APPROVED *E. E. Eighan*

DATE 4/5/17

BE (Hons), MEngSc, FIE Aust, CPEng
Registered NPER 3719 (Structural & Civil)



PROPOSED SWIMMING POOL STRUCTURAL DETAILS

FOR: AGIUS

AT: 64 NINTH AVE, JORDAN SPRINGS. NSW

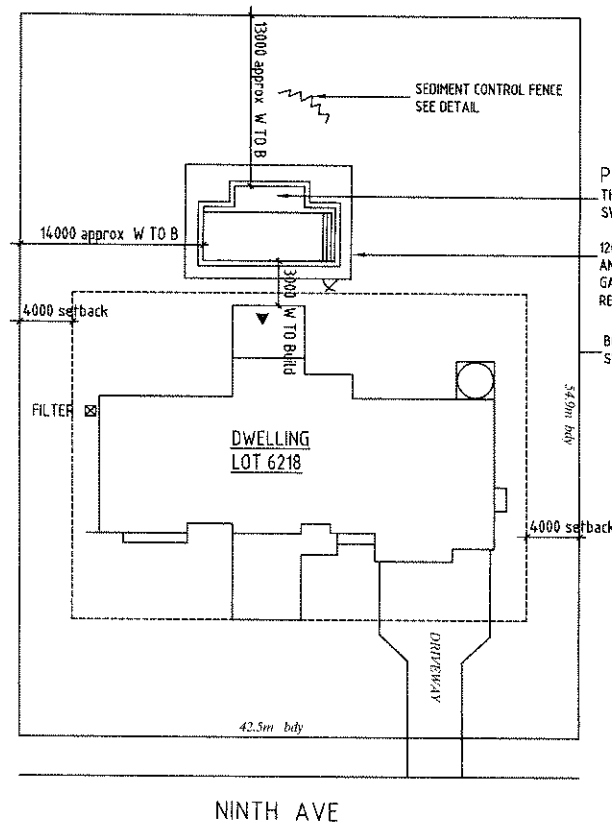
DATE: 4/05/17

DRAWN: JF

SHEET 1 OF 4

CONTRACT No./DRAWING No.

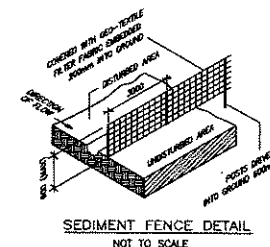
17S2413



PROPOSED CONCRETE POOL
THE PROPOSED POOL TO COMPLY WITH THE
SWIMMING POOL ACT AND REGULATIONS.

1200 HIGH CHILD PROOF SAFETY FENCE
AND SELF CLOSING, SELF LOCKING
GATE TO AS1926 AND LOCAL COUNCIL
REQUIREMENTS (BY OTHERS)

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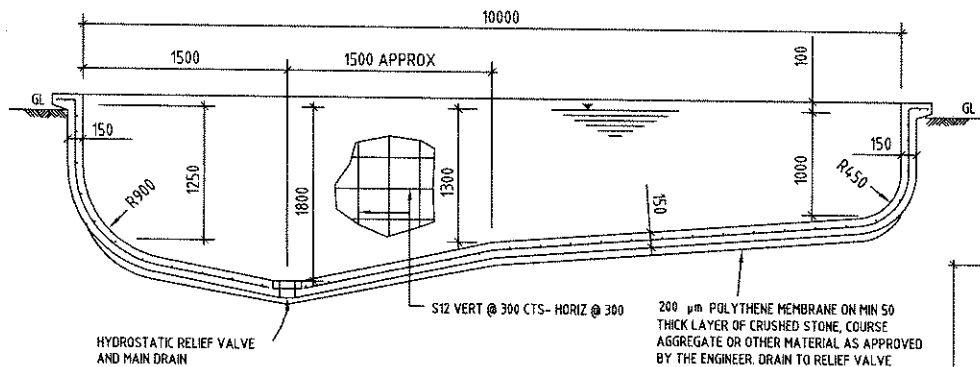
SITE CALCULATION

SITE AREA = 2333m²
RESIDENCE etc. = 300m²
GARAGE = 65m²
DRIVEWAY/ PATHS = 80m²
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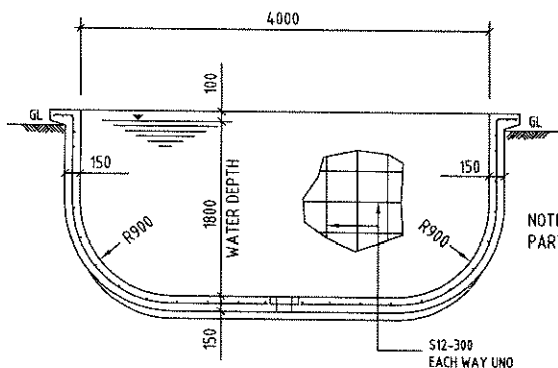
▼ DATUM - CONCRETE SLAB of Alfresco as marked, Pool to be 300 BELOW the datum.

SITE PLAN

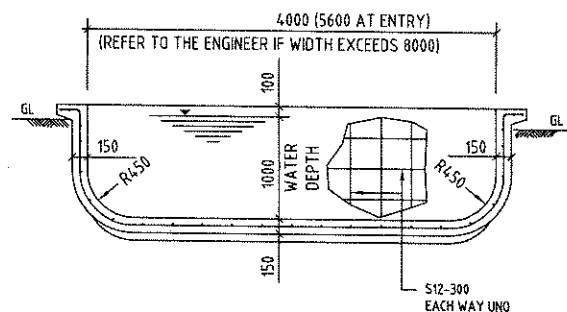
SCALE 1: 400



LONGITUDINAL SECTION
1:50



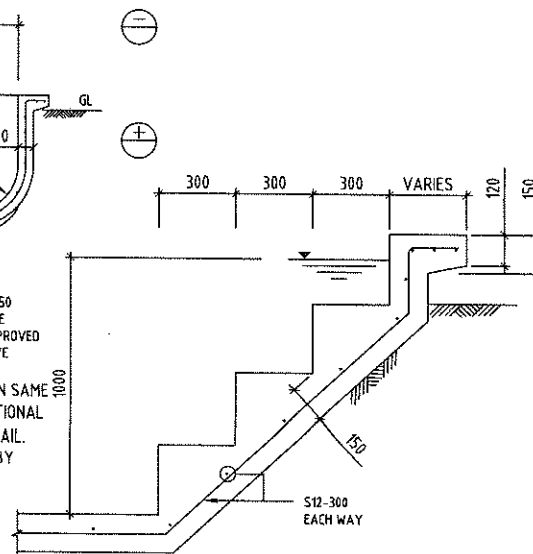
DEEP END SECTION
1:50



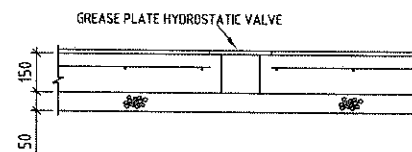
SHALLOW END SECTION
1:50

NOTE: ALL BASE OF POOL TO BE FOUNDED ON SAME STRATA (ROCK), PROVIDE PEIRS AND ADDITIONAL STEEL AS PER STRUCTURAL ENGINEERS DETAIL. NOT IN CONTRACT PRICE, TO BE CONFIRMED BY SUPERVISOR ON SITE

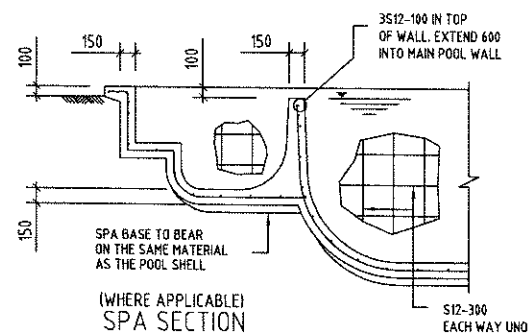
NOTE: THESE STRUCTURAL POOL PLANS FORM NO PART OF ANY CONTRACT



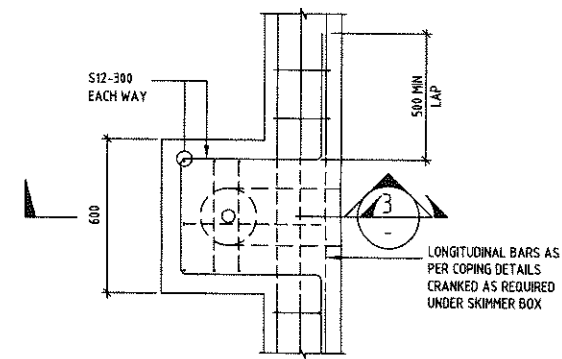
STEPS CAST AGAINST GROUND
1:20 (WHERE APPLICABLE)



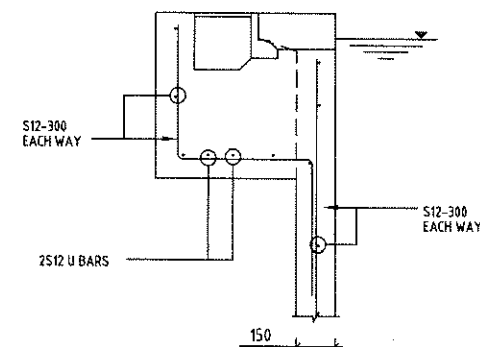
HYDROSTATIC VALVE DETAIL
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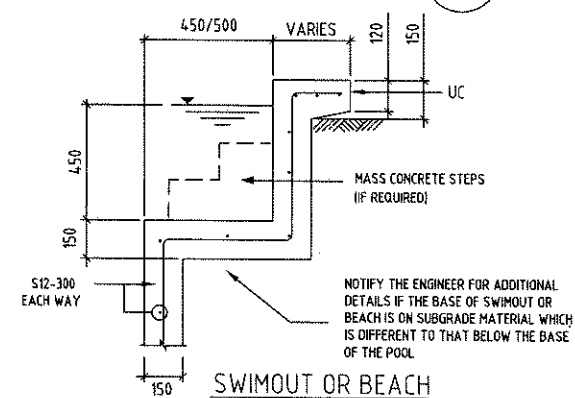
SPA SECTION
1:50



PLAN OF SKIMMER
1:20



SECTION
1:20



SWIMOUT OR BEACH
1:20

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Keighran and Associates Pty Ltd
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APPROVED

Keighran

ABN 25 003 832 291
DATE 4/5/17

BE (Hons), MEngSci, FIEAust, CPEng
Registered NPER 3719 (Structural & Civil)



PROPOSED SWIMMING POOL STRUCTURAL DETAILS

FOR: AGIUS

AT: 64 NINTH AVE, JORDAN SPRINGS. NSW

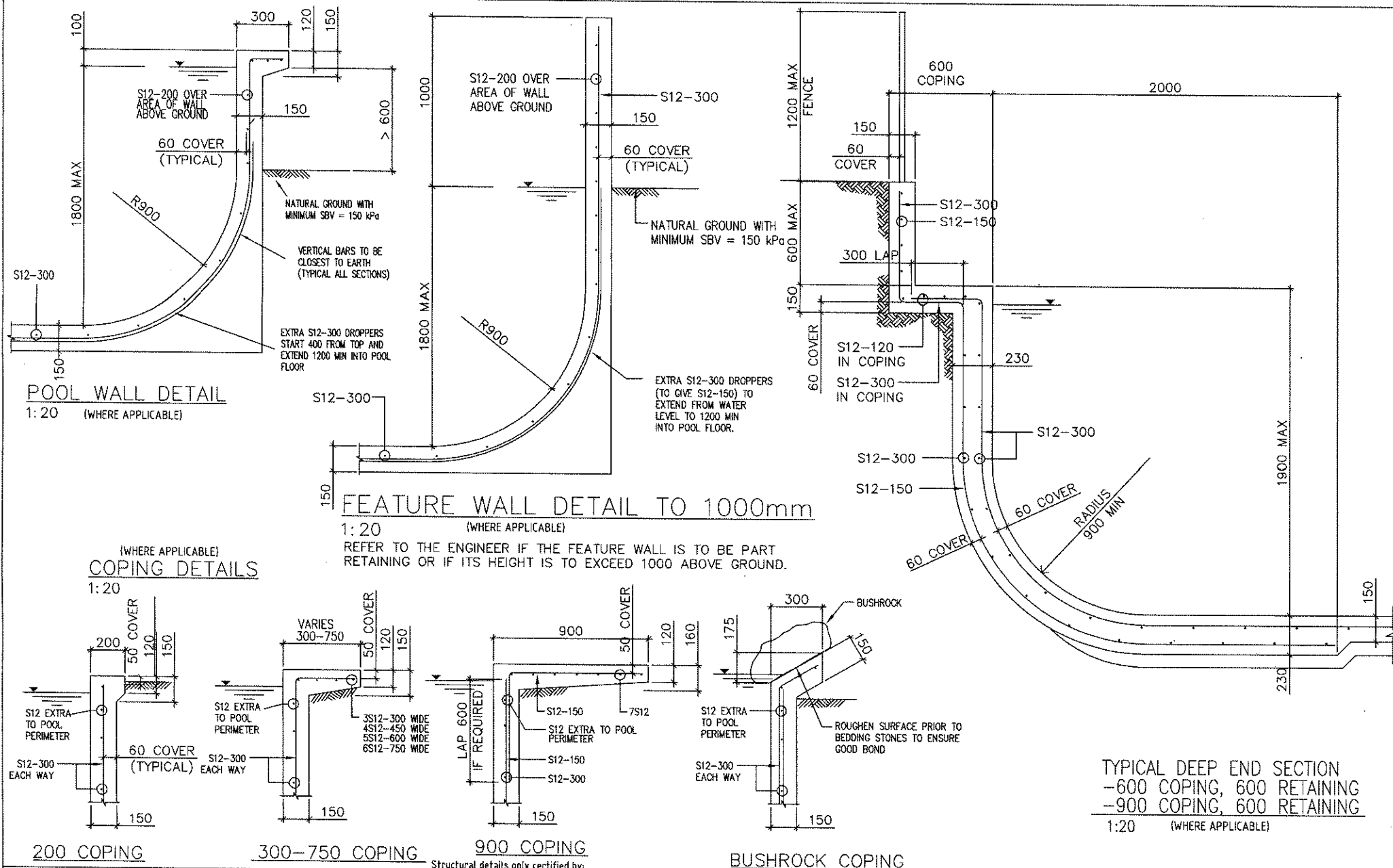
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SHEET 2 OF 4

CONTRACT No./DRAWING No.

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DATE 4/5/17

BE (Hons), MEngSci, FIE Aust, CPEng
Registered NPER 3719 (Structural & Civil)



PROPOSED SWIMMING POOL STRUCTURAL DETAILS

FOR: AGIUS

AT: 64 NINTH AVE, JORDAN SPRINGS. NSW

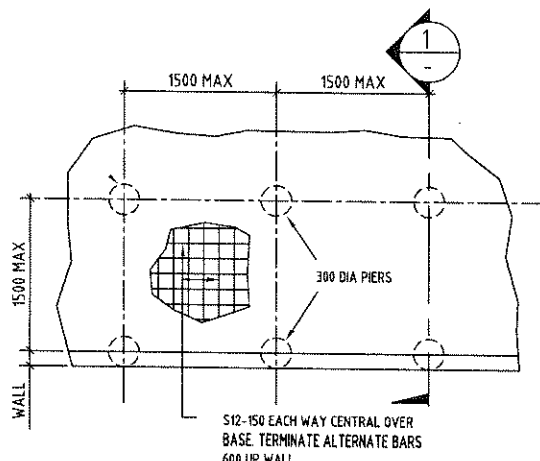
DATE: 4/05/17

DRAWN: JF

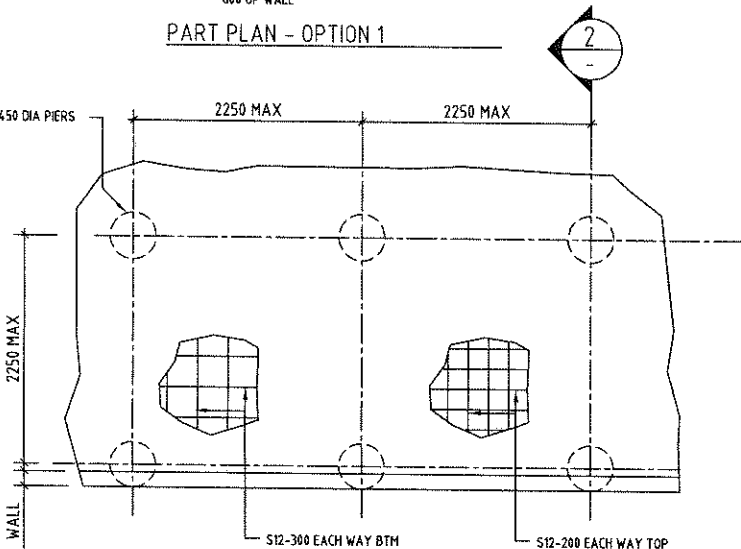
SHEET 3 OF 4

CONTRACT No./DRAWING No.

17S2413



PART PLAN - OPTION 1

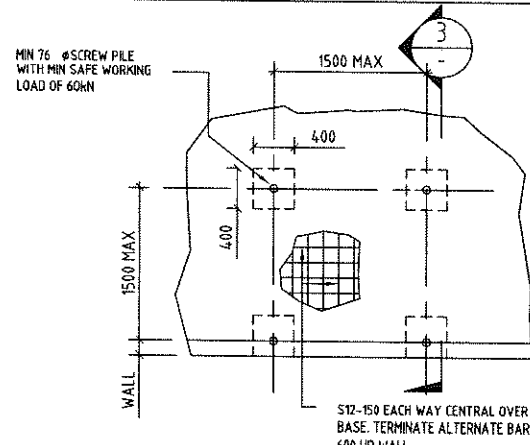


PART PLAN - OPTION 2

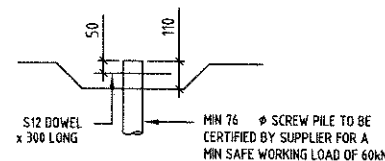
SUSPENDED POOL PLANS

1: 50 (WHERE APPLICABLE)

PIERS
F_{ck} = 20 MPa
60 COVER TO REINFORCEMENT
PIERS TO BE FOUND IN UNIFORM ROCK WITH A SAFE BEARING VALUE OF 800 kPa. REFER TO THE ENGINEER IF DEPTH OF PIERS EXCEEDS 3000

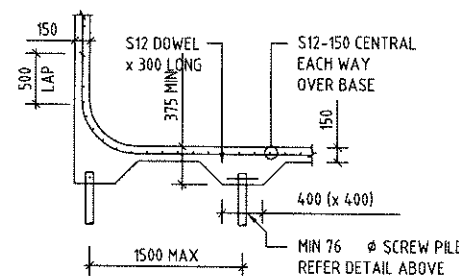


PART PLAN - OPTION 3



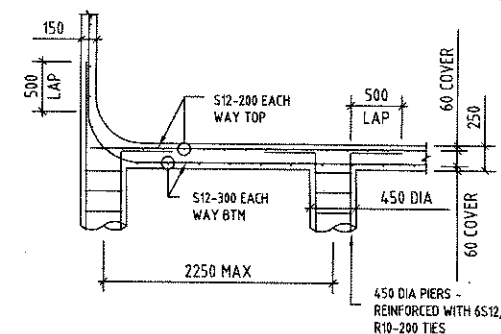
SCREW PILE DETAIL

1: 20 (WHERE APPLICABLE)



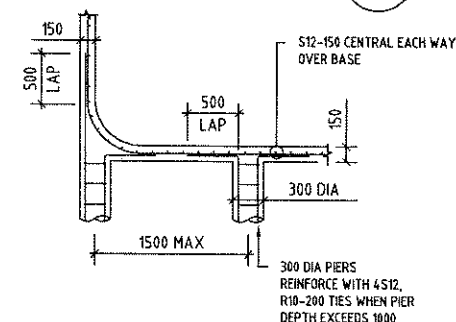
SECTION

1:20



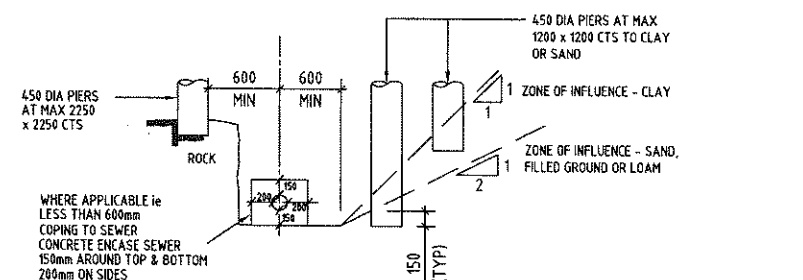
SECTION

1: 50 (WHERE APPLICABLE)



SECTION

1: 50 (WHERE APPLICABLE)



TYPICAL BUILDING OVER SYDNEY WATER SEWER

1: 50 (WHERE APPLICABLE)

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

BLUE HAVEN POOLS SOUTH PTY LTD

Site Plan & Pool Plans prepared by Blue Haven Pools & Spas Pty Ltd
58 Hume Highway Lansvale NSW 2166
Telephone: (02) 9728 0444 Fax: (02) 9754 2906



Keighran and Associates Pty Ltd

Consulting Structural and Civil Engineers

ABN 25 003 832 291

APPROVED

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