

15 November 2021

Enquiries: Jenny Elphinstone
Our Ref: AAEX 2021_4477/1 (Doc 1048579)
Your Ref: 20215008

Administration Office
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Port Douglas Concrete Pools Pty Ltd
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MOSSMAN QLD 4873

Email sales@portdouglasools.com.au

Attention Narda Reichl

Dear Madam

EXEMPTION CERTIFICATE

Council refers to your request for an exemption certificate for the following premises received on 8 November 2021.

Summary of Exempt Development

Development of Building Work Made Assessable Against the Planning Scheme for a swimming pool in the Environmental Management Zone.

Location details

Street Address: 66 Thomson Low Drive Shannonvale

Real Property Description: Lot 14 on SP192599

Local Government Area: Douglas Shire Council

Decision

Council advises that an exemption certificate has been granted on 10 November 2021 for development as detailed in Attachment 1.

Referral agencies

Not Applicable

Reasons for giving exemption certificate

The development is exempt under this certificate under s46(3)(b) of the *Planning Act 2016* for the following reason(s):

- The effects of the development would be minor or inconsequential, considering the circumstances under which the development was categorised as assessable development.

When exemption certificate ceases to have effect

This exemption certificate does not lapse.

Other

Please quote Council's application number: AAEX 2021_ 4477/1 in all subsequent correspondence relating to this request.

Should you require any clarification regarding this matter, please contact Jenny Elphinstone on telephone 07 4099 9444.

Yours faithfully

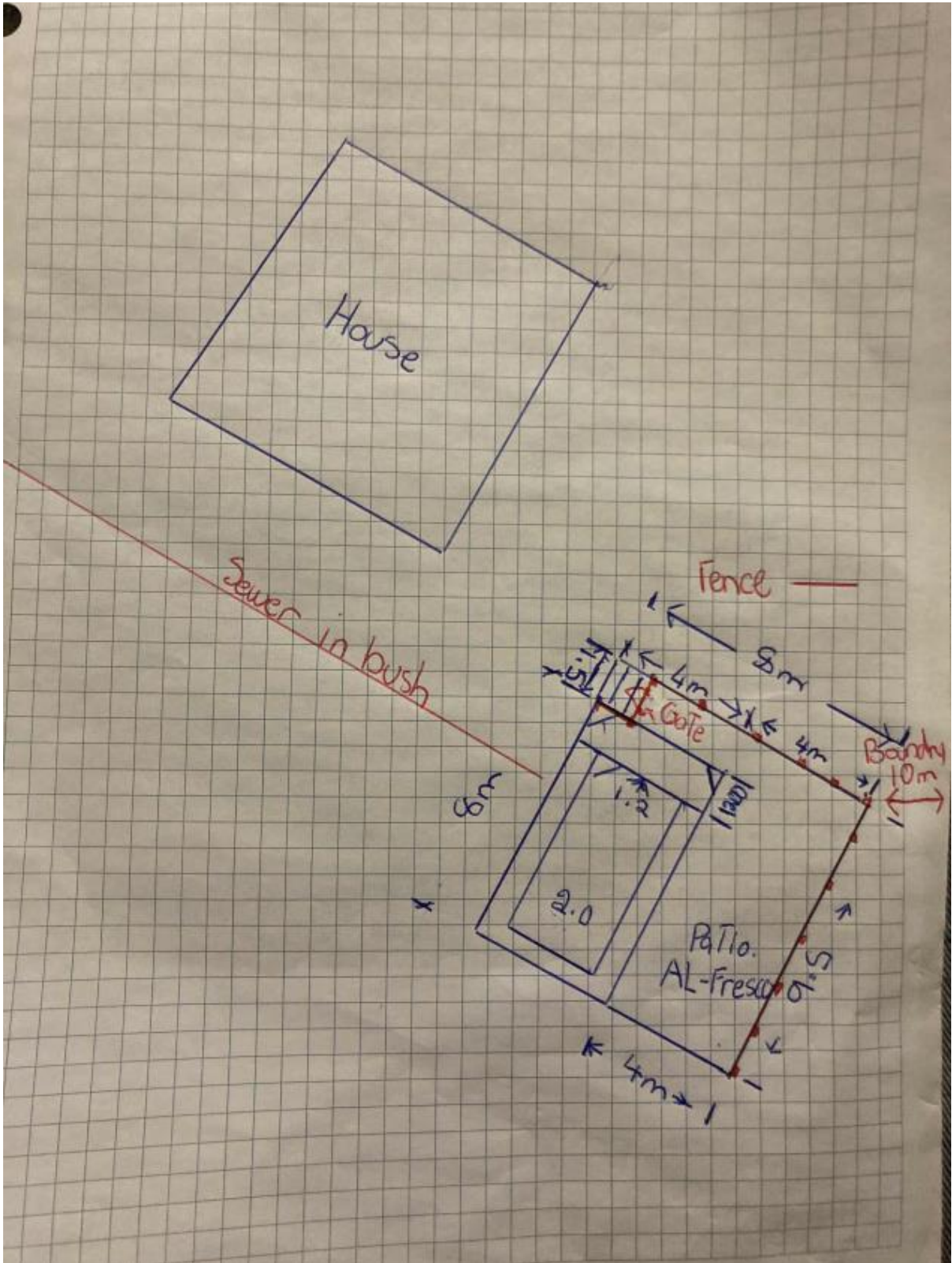


For
Paul Hoyer
Manager Environment & Planning

cc: Charlie & Bryce Madgwick bryceandcharlie10@gmail.com

cc Emailed to GMA Certification Group Pty Ltd – adminpd@gmacert.com.au

Attachment 1





Site Plan - Proposed swimming pool at Lot 14 SP192599, 66 Thomson Low Drive Shannonvale

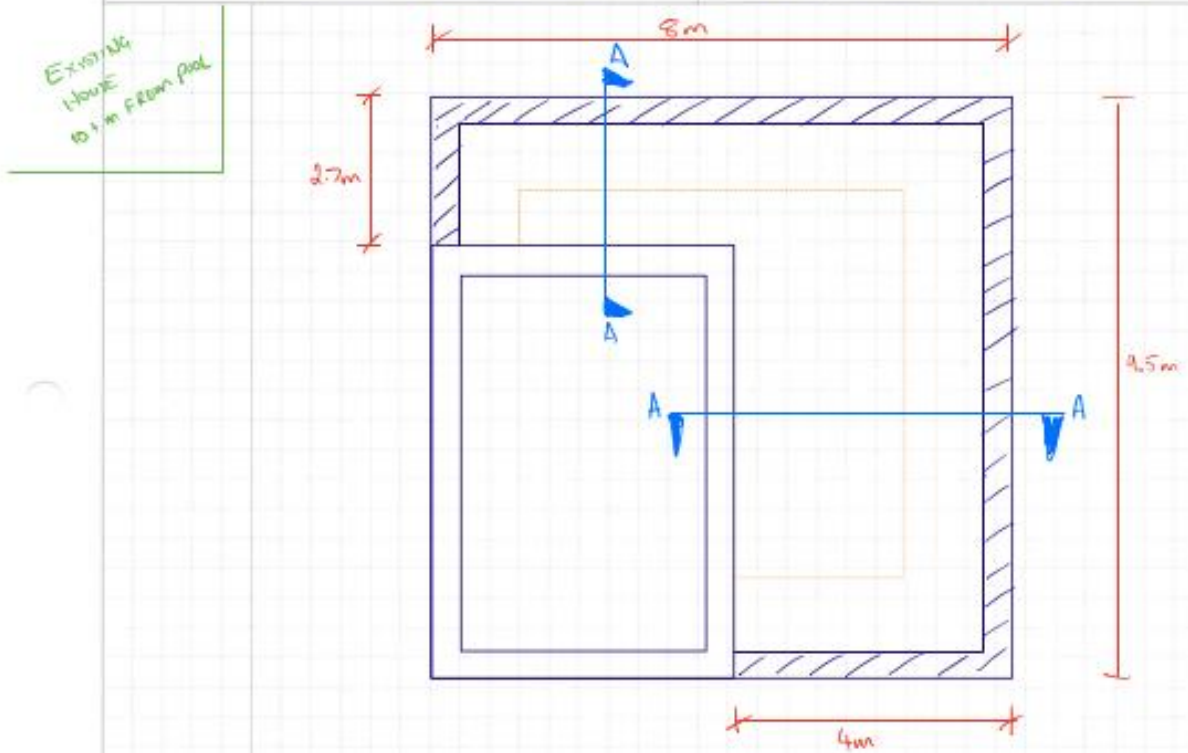
PROJECT

14 THOMAS LOW DRIVE

PROJECT NO. Q213106-012 SKETCH

Designed B. Melita

Date 22/10/21 Sheet 1 of 3



//// - 200 Series masonry (TYP)
1 x N12 at 400mm CTS vertical
Fully core Filled.

— - Cast in situ concrete
Refer details for Reinforcing.

— Retaining wall Foundation (Refer to details)

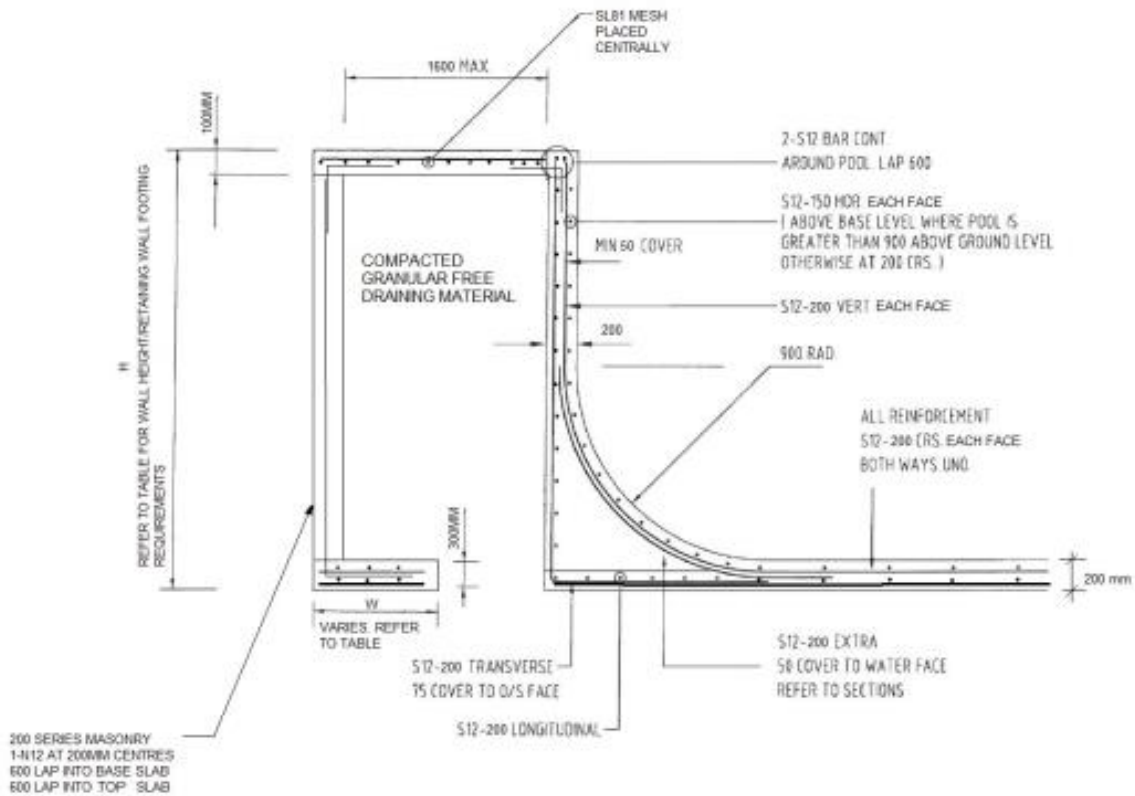
- Q13106-012 sketches pages 1-4 take precedence OVER STANDARD POOL DRAWINGS. REFER TO ANNOTATED DRAWINGS FOR ADDITIONAL DETAILS.

- All starter Bars to be galvanised

- Pool wall Typical Per Section A

- Retaining Wall must be adequately prepared during backfilling.

<p>PROJECT 14 THOMAS LOW DRIVE</p>	<p>PROJECT NO. Q213106-012 SKETCH Designed B. Melita Date 22/10/21 Sheet 2 of 3</p>



SECTION A (TYP)

— Retaining Wall Table page 3

PROJECT 14 THOMAS LOW DRIVE	PROJECT NO. Q213106-012 SKETCH Designed B. Melita Date 22/10/21 Sheet 3 of 3
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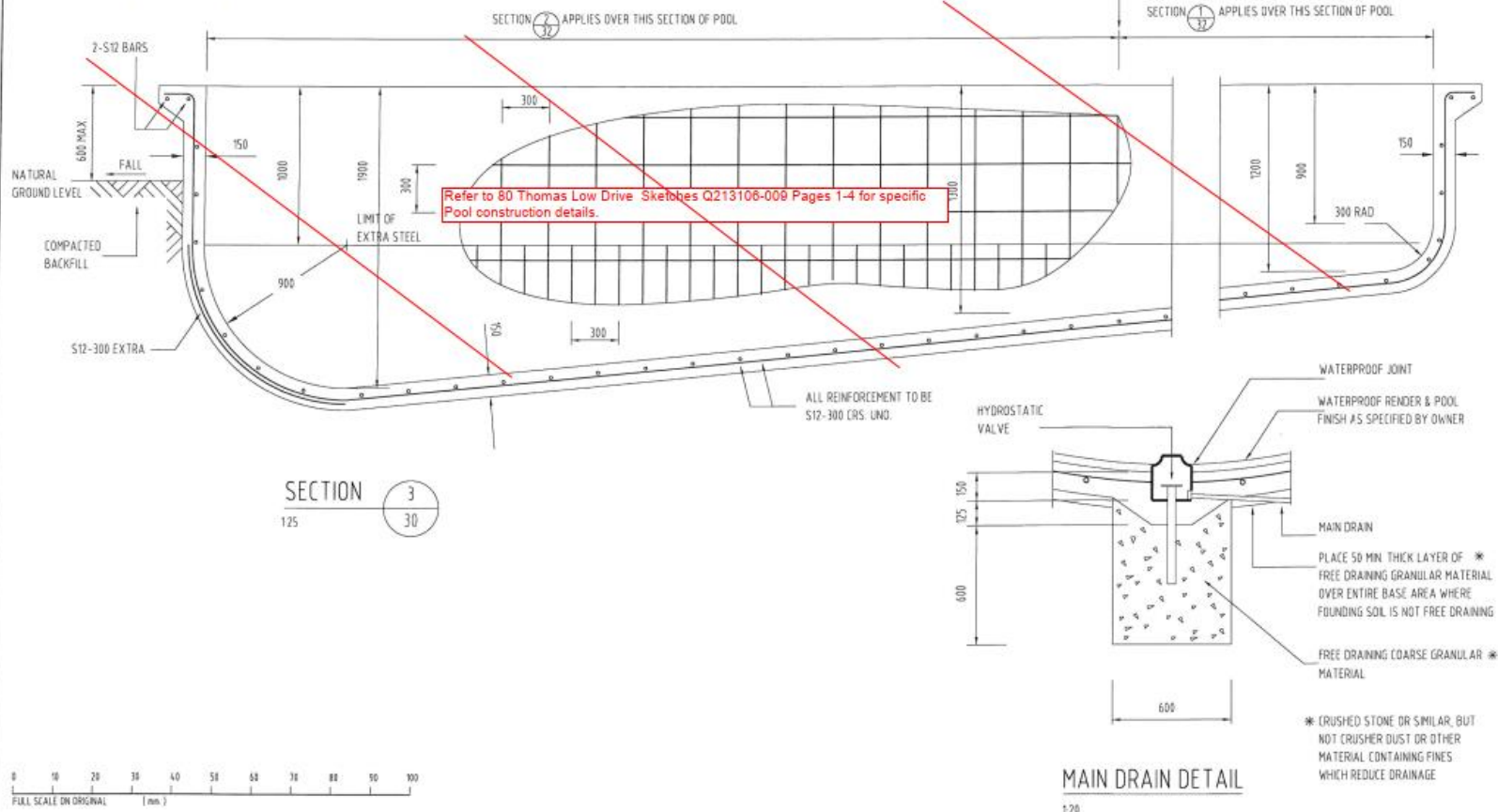
Wall Foundation Details. + Notes.

Wall Height 'H' (mm)	Base Width 'W' (mm)	Reinforcing.
0 to 400	400	2 layers NB @ 200mm Cts. Each way Each Face
401 to 600	600	
601 to 800	800	
801 to 1000	1000	
1001 to 1200	1200	

- Surcharge = 2.5 kPa.
- assumed geotechnical parameters for wall design
 Cohesion = 5 kPa
 $\phi = 25^\circ$
- Structure Class A

B. Melita

Registered Professional Engineer of Queensland BRENDAN MELITA - RPEQ 24432
for Cardno (Qld) Pty Ltd



Refer to 80 Thomas Low Drive Sketches Q213106-009 Pages 1-4 for specific Pool construction details.

ALL REINFORCEMENT TO BE S12-300 CRS. UND.

SECTION 3
125

MAIN DRAIN DETAIL
1:20

DO NOT RELY ON SCALING DRAWING

CAD FILE: H:\Projects\2021\AAEX-2021-44771\Pool_Sketches\Pool_Sketches.dwg 21/05/2021 1:14pm JMF

ISSUE	DATE	DESCRIPTION / APPROVED USE	PREPARED BY	DATE
F	12/10/2014	Thomas Low Drive Specific Amendments	BMC	BMC
E	04/01/16	TITLE BLOCK ALTERED & ISSUED FOR CONSTRUCTION	BMC	BMC
D	26/11/09	TITLE BLOCK ALTERED & ISSUED FOR CONSTRUCTION	BMC	BMC
C	03/04/09	MARK AMENDMENTS & ISSUED FOR CONSTRUCTION	BMC	BMC
B	07/12/07	TITLE BLOCK ALTERED & ISSUED FOR CONSTRUCTION	BMC	BMC
A	08/02/00	ISSUED FOR CONSTRUCTION	BMC	BMC

AGENCY: B.M. CLAYTON & ASSOCIATES
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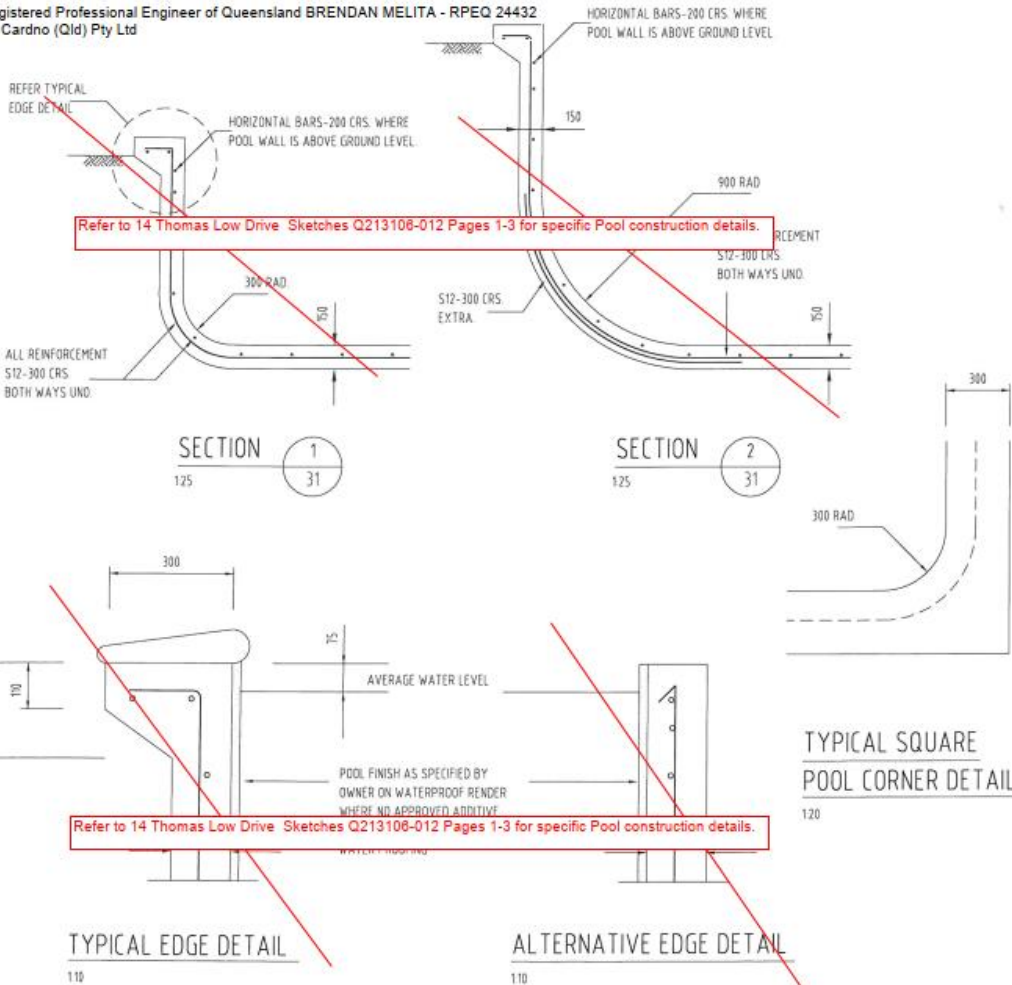
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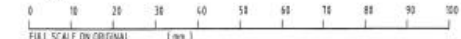
POOL SECTION
 SHEET 2 OF 4
 PROJECT: A3
 DRAWING: SP-14
 NUMBER: 31

Registered Professional Engineer of Queensland **BRENDAN MELITA - RPEQ 24432**
for **Cardno (Qld) Pty Ltd**



NOTES

- 1 All workmanship and materials to be in accordance with AS2783 Concrete Swimming Pools Code and AS3600 and accepted building practice.
- 2 All concrete to be pneumatically applied with a characteristic compressive strength of 25MPa at 28 days unless pool is within 1km of the coast when it shall be 32 MPa at 28 days all in accordance with AS 2783 Concrete Swimming Pools Code. Use evaporative retardant immediately after screeding concrete surface & cure shell for 7 days
- 3 All concrete to be 150mm thick unless otherwise noted
- 4 All concrete in plan to be 300mm minimum radius to water face.
- 5 All reinforcement to be S12 bars (deformed bar Grade D250N) unless otherwise noted.
- 6 Transverse bars not noted otherwise, to be S12-300 crs.
- 7 All bars to have a splice length of 50 diameters at joints
- 8 Minimum Concrete cover to reinforcement based on non-aggressive ground water to be as follows within AS 2783 tolerances unless otherwise noted
 - 65mm to concrete placed in contact with ground
 - 50mm to exposed or water face.
- 9 Splicing in horizontal bars are to be staggered and the minimum clear distance between bars shall be 50mm
- 10 This design applies where pool wall does not project more than 600mm above ground level.
 - If wall is between 600mm and 1500mm out of ground, refer alternative deck section, and increase wall thickness to 150mm.
 - pool greater than 600mm out of the ground, requires site inspection by Engineer.
- 11 Deep end is to have at least 1000mm of supporting soil for standard pool.
- 12 Supporting soil to be a sound natural soil or well consolidated fill with bearing capacity of at least 75 kPa
- 13 Design to be modified if excessive ground water is encountered during excavation.
- 14 If written dimensions and scaled dimensions disagree, the written dimension is to be taken as correct.
- 15 All dimensions on the site plan showing the location of the pool are to the water face
- 16 Ensure equipotential bonding is carried out to the reinforcing and pool surrounds to Ergon Energy specifications
- 17 S192 mesh may be used as an alternative to S12-300 crs. to the pool floor. Laps to mesh shall be 2 transverse wires. Lap to bars shall be 600mm.
- 18 N12 bars (deformed bar Grade D500N) may be used as an alternative to S12 bars.
- 19 Provide inspection standpipe to facilitate checking ground water level in cases where ground water level could cause uplift when dewatering pool.



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F	122 10 21	14 Thomas Low Drive Specific Amendments	BMW	BMW	Cardno (Qld) Pty Ltd - All Rights Reserved 2020	ISSUE	REV. CL.	DATE
E	04 01 21	TITLE BLOCK ALTERED & ISSUED FOR CONSTRUCTION	ENC	ENC	Copyright of this work and any part of it is reserved to Cardno (Qld) Pty Ltd and shall not be used, copied, reproduced or altered in any way without the written permission of Cardno (Qld) Pty Ltd.	REVISED	01/10	2021
D	18 10 20	TITLE BLOCK ALTERED & ISSUED FOR CONSTRUCTION	ENC	ENC				
C	01 30 20	5 BARS, MINOR AMENDMENTS & ISSUED FOR CONSTRUCTION	ENC	ENC				
B	07 10 20	TITLE BLOCK ALTERED & ISSUED FOR CONSTRUCTION	ENC	ENC	This document is property of Cardno (Qld) Pty Ltd and any use without the written permission of Cardno (Qld) Pty Ltd is prohibited.			
A	01 03 20	ISSUED FOR CONSTRUCTION	ENC	ENC				
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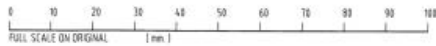
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07 5364 9722
07 544 8812
07 5328 8847
07 4172 2828
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07 4637 8222

Charlie & Bryce Madgwick
Lot 14 Thomas Low Drive
Shannonvale Qld 4873

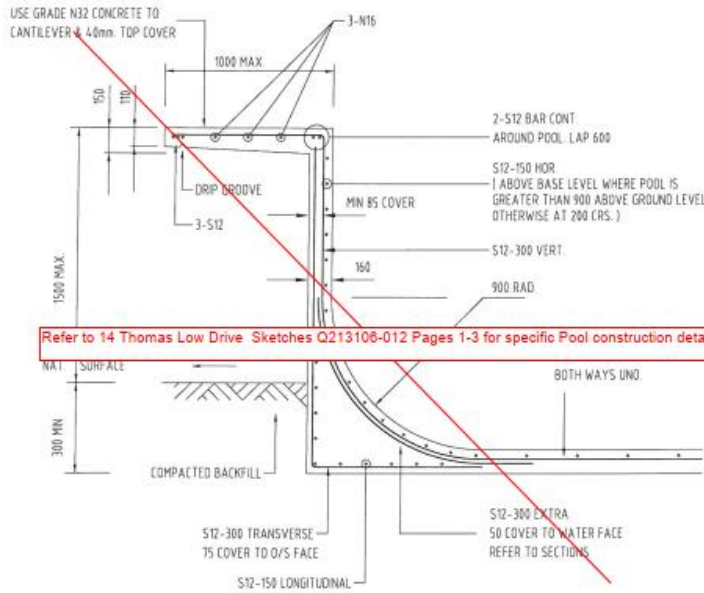
POOL SECTIONS AND NOTES	
SHEET 3 OF 4	
DATE: A3	SCALE: SP-14
NO: 32	REV: 0



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B. Melita

Registered Professional Engineer of Queensland BRENDAN MELITA - RPEQ 24432
for Cardno (Qld) Pty Ltd

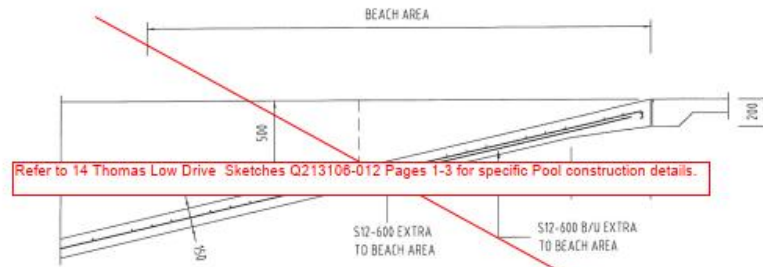


Refer to 14 Thomas Low Drive Sketches Q213106-012 Pages 1-3 for specific Pool construction details.

ALTERNATIVE DECK
DETAIL 1

1:25

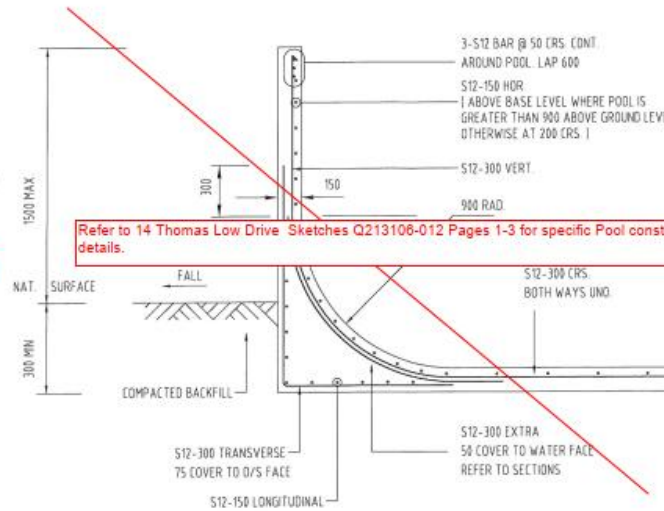
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Refer to 14 Thomas Low Drive Sketches Q213106-012 Pages 1-3 for specific Pool construction details.

BEACH AREA SECTION

1:25



Refer to 14 Thomas Low Drive Sketches Q213106-012 Pages 1-3 for specific Pool construction details.

ALTERNATIVE DECK
DETAIL 2

1:25

LOAD FILE: AL-22-16-21-14 Thomas Low Drive Specific Amendments.dwg 2022/04/28 10:43:00 AM 1:25

ISSUE	DATE	DESCRIPTION / APPROVED USE	BY	CHK
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C	28/11/21	TITLE BLOCK ALTERED & ISSUED FOR CONSTRUCTION	BMC	BMC
D	28/11/21	LONGITUDINAL REINFORCEMENT INCREASE & ISSUED FOR CONSTRUCTION	BMC	BMC
E	03/06/22	5 BARS, HANGER ANCHORS & ISSUED FOR CONSTRUCTION	BMC	BMC
F	07/10/21	TITLE BLOCK ALTERED & ISSUED FOR CONSTRUCTION	BMC	BMC
G	01/03/22	ISSUED FOR CONSTRUCTION	BMC	BMC

REV	DESCRIPTION	DATE	BY	CHK
01	ISSUED FOR CONSTRUCTION	01/03/22	BMC	BMC

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Traralgon	03 4816 2888	03 4816 153

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POOL SECTIONS		
SHEET 4 OF 4		
REVISED	PROJECT	SECTION
A3	SP-14	33
DATE		REV
		G