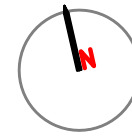
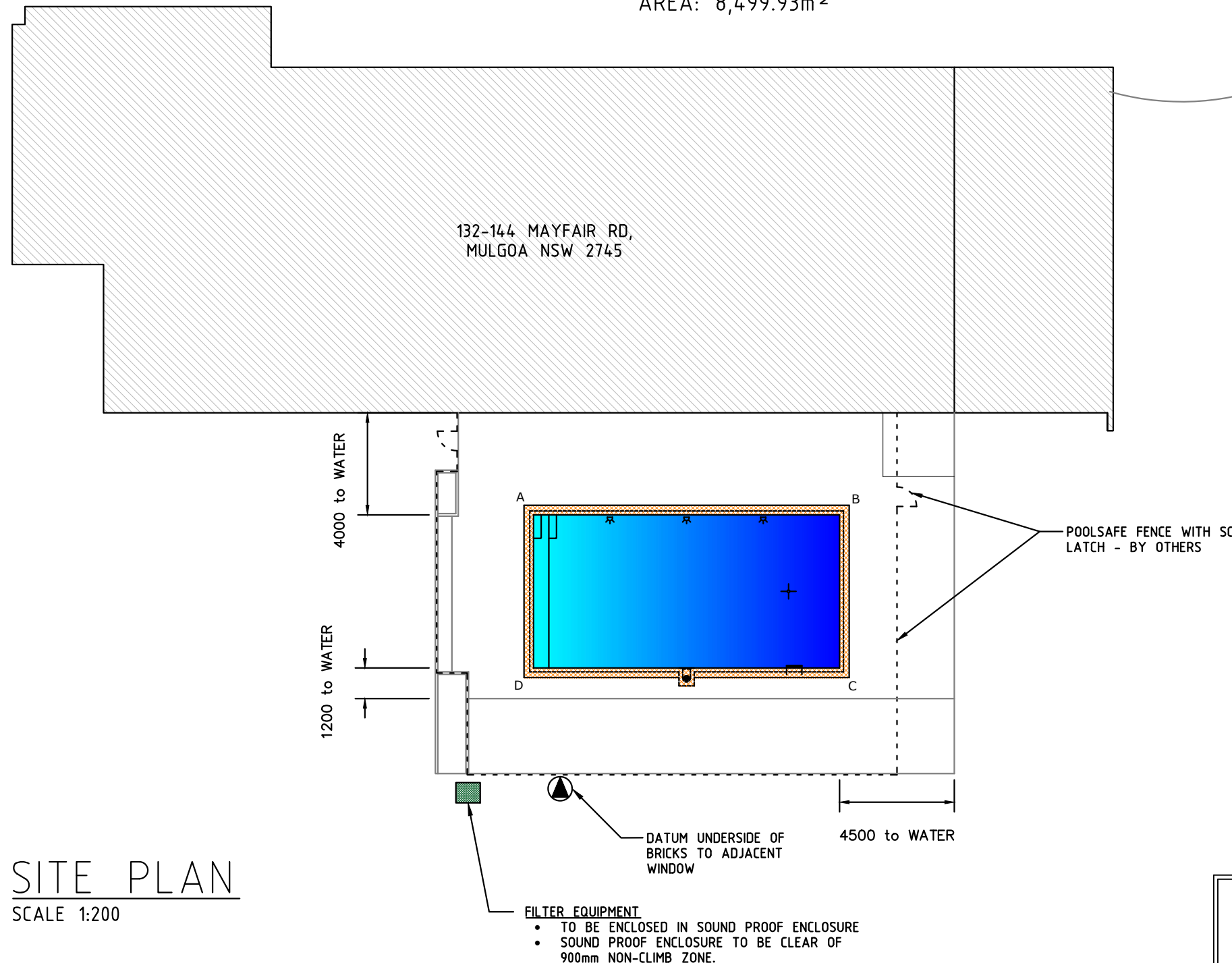


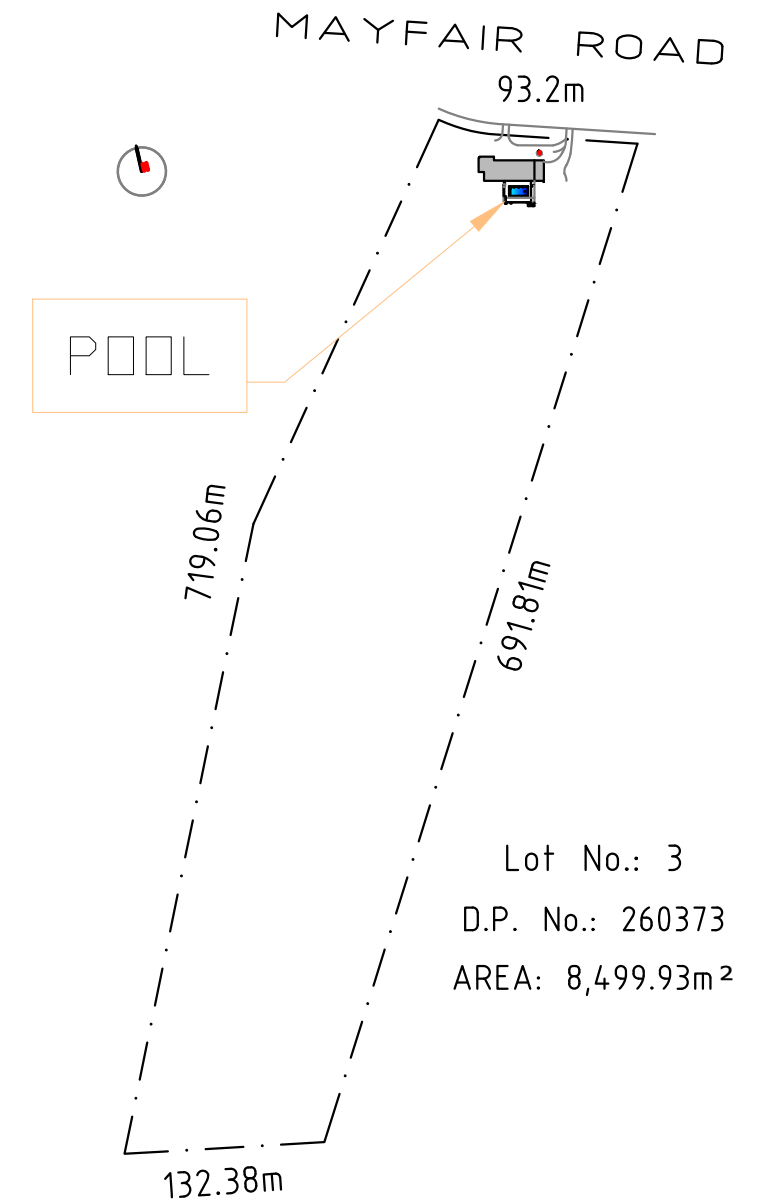
Lot No.: 3  
D.P. No.: 260373  
AREA: 8,499.93m<sup>2</sup>



POOL VOLUME = 96,480 L



SITE PLAN  
SCALE 1:200



Lot No.: 3  
D.P. No.: 260373  
AREA: 8,499.93m<sup>2</sup>

PROPOSED SWIMMING POOL  
FOR: Aaron & Heather Gampe  
AT: 132-144 Mayfair Rd, Mulgoa NSW 2745

A	06.07	ISSUED FOR CONSTRUCTION	CMF			
REV.	DATE	AMENDMENT	DRAWN	REV.	DATE	AMENDMENT



**Innovative Building Systems Australia Pty Ltd**  
14 Monterey Parade, Ermington Heights NSW 2115 ACN: 44 124 486 497  
www.ibsaust.com.au Ph: 0414 555 991 Fax: 02 9804 8724  
**APPROVED** *Christiaan Fitzsimon* **DATE 06.07.2020**  
CHRISTIAAN FITZSIMON BSc BE MIEAust # 987546



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SEPTEMBER 2007



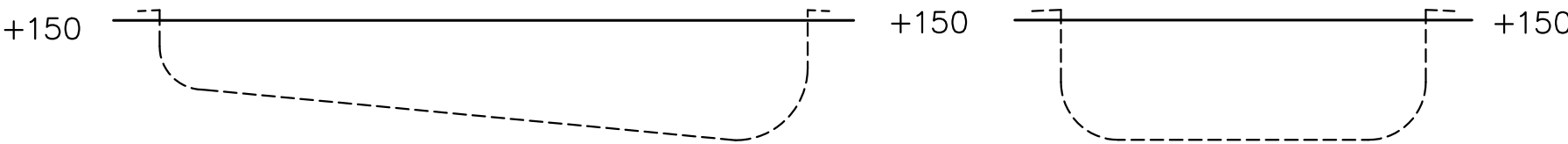
**CRYSTAL POOLS** PTY. LTD.

Unit 8, 1 Central Ave, Thornleigh 2120  
PO Box 271, Pennant Hills, 1715  
Ph: 9875 4555 Fax: 9484 1019  
Builder Licence No: 34505

DATE	06.07.2020
JOB NUMBER	14248
DWG. No.	P01
REV.	A

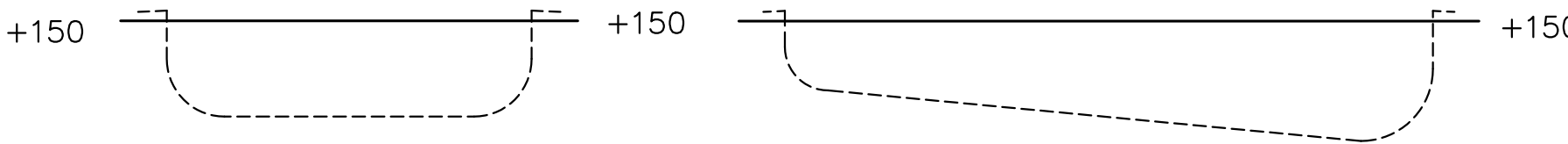
**SWIMMING POOL NOTES:**  
**POOL LOCATION:**  
CUSTOMERS MUST SATISFY THEMSELVES TO THE CORRECT LOCATION OF THE POOL, SET OUT PEGS PRIOR TO THE COMMENCEMENT OF THE EXCAVATION,  
**DIMENSIONS:**  
FIGURED DIMENSIONS ARE TO BE TAKEN IN PREFERENCE TO SCALE.  
**FOUNDATIONS:**  
1. TO BE NATURALLY OCCURRING MATERIAL CAPABLE OF BEING EXCAVATED TO A VERTICAL FACE AND OF MINIMUM SAFE BEARING CAPACITY OF 50kPa.  
2. UNDERSIDE OF THE CONCRETE FLOOR TO BE SEPARATED FROM THE UNDERLYING MATERIAL BY A LAYER OF APPROVED MEMBRANE – 250µm MIN OR SIMILAR,  
**REINFORCEMENT:**  
1. ALL RODS TO BE GRADE 250 DEFORMED BARS IN ACCORDANCE WITH AS4671 UNLESS NOTED OTHERWISE – GRADE S,  
2. RADIUS OF BENDS FOR COPING BARS 50mm,  
3. RODS TO BE LAPPED A MINIMUM OF 400mm AND TO BE WIRE TIED AT EACH 2ND INTERSECTION,  
4. REINFORCEMENT SHALL HAVE THE FOLLOWING CLEAR COVER OF CONCRETE;  
4.1. WALLS AND STEPS 50mm INSIDE FACE,  
4.2. FLOORS AND COPING 50mm TO TOP OF CONC, WIDTH OF COPING FINISH IS APPROX,  
4.3. EARTH FACES 65mm,  
4.4. FORMWORK FACES 40mm,  
4.5. WHERE COPING IS MORE THAN 300mm ABOVE NATURAL GROUND LEVEL, THE HORIZONTAL REINFORCEMENT IS TO BE INCREASED TO S12-200 FOR A DISTANCE OF 400mm BELOW NATURAL GROUND LEVEL,  
5. HORIZONTALS ABOVE GROUND LEVEL:  
5.1. 25MPa CONCRETE S12-200  
5.2. 32MPa & ABOVE S12-150,  
6. RADIUS OF BEND FOR COPING BARS 50mm,  
7. REINFORCEMENT IS BE CHAIRED TO PREVENT MOVEMENT DURING PLACEMENT OF CONCRETE, AND MAINTAIN CLEAR COVER AS SPECIFIED IN 4.  
7.1. CONE CHAIRS ARE NOT TO BE USED AGAINST FORM,  
7.2. FLOOR TO BE CHAIRED AT 600 INTERSECTIONS,  
**CONCRETE**  
1. MATERIALS AND WORKMANSHIP GENERALLY TO CONFIRM TO THE REQUIREMENTS OF AS3600 & AS2783,  
2. CONCRETE DESIGN STRENGTH (f'c) TO BE 25MPa AT 28 DAYS, UNLESS OTHERWISE STATED,  
3. CONCRETE TO BE PNEUMATICALLY PLACED PREFERABLY IN A SINGLE UNINTERRUPTED OPERATION. SHOULD A BREAKDOWN OF PLANT OCCUR THE CONSULTING ENGINEERS MUST BE NOTIFIED IMMEDIATELY.  
**CONCOURSE.**  
1. ONLY OPEN TYPE OR GLASS PANEL FENCING TO 1.2m HIGH MAY BE SUPPORTED OFF CONCOURSE AS DESIGNED. ALL FENCING TO BE IN ACCORDANCE WITH AS1926.1 & AS1926.2 AND THE ERECTION OR ALTERATION TO BE THE RESPONSIBILITY OF THE APPLICANT. THE FENCING IS PART OF THE APPLICATION,  
2. SPIGOTS ARE TO BE CORED NO CLOSER THAN 170mm FROM STRUCTURAL EDGE OF COPING,  
3. THE POOL SHELL IS DESIGN IN ISOLATION, NO FITMENTS, OR LOADING TO BE PLACES ON CONCOURSE OR POOL SHELL WITHOUT THE EXPRESS PERMISSION OF CRYSTAL POOLS,  
4. ANY PAVING LAID ADJACENT TO POOL COPING MUST HAVE 15mm WIDE CONSTRUCTION OR EXPANSION JOINTS. IF PAVING LAID IN MORTAR, EXPANSION JOINT MUST BE INSERTED BETWEEN PAVING & POOL COPING. LEAVE 3mm GAPS BETWEEN PAVERS LAID ON SAND,  
5. POOL HAS BE DESIGNED TO MAINTAIN A CONSTANT 100mm FREEBOARD, OVERFILLING OF THE POOL WILL RESULT IN SATURATION OF THE TILE BED AND RISK DELAMINATING COPING FINISHES.  
**EMPTYING POOL.**  
POOL TO BE EQUIPPED WITH HYDROSTATIC PRESSURE RELIEF VALVE TO SAFEGUARD AGAINST EXTERNAL WATER PRESSURE WHEN POOL IS EMPTY. DESPITE THIS PROVISION THE APPROVAL OF CRYSTAL POOLS MUST BE OBTAINED BEFORE EMPTYING THE POOL  
**DIVING.**  
THIS POOL IS NOT DESIGN FOR DIVING.

LEVELS FOR COUNCIL APPROVAL			
DATUM: Bottom Step – Laundry (Sandstone Wall)			
TOP OF FINISHED POOL RELATIVE TO DATUM		LEVEL	
HEIGHT ABOVE EXISTING GROUND LEVEL AT			
A	+150	RL	.
B	+150	RL	.
C	+150	RL	.
D	+150	RL	.



ELEVATION A-B

ELEVATION B-C



ELEVATION A-D

ELEVATION D-C

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PROPOSED SWIMMING POOL  
FOR: **Aaron & Heather Gampe**  
AT: **132-144 Mayfair Rd, Mulgoa NSW 2745**



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**P02**

REV. **A**

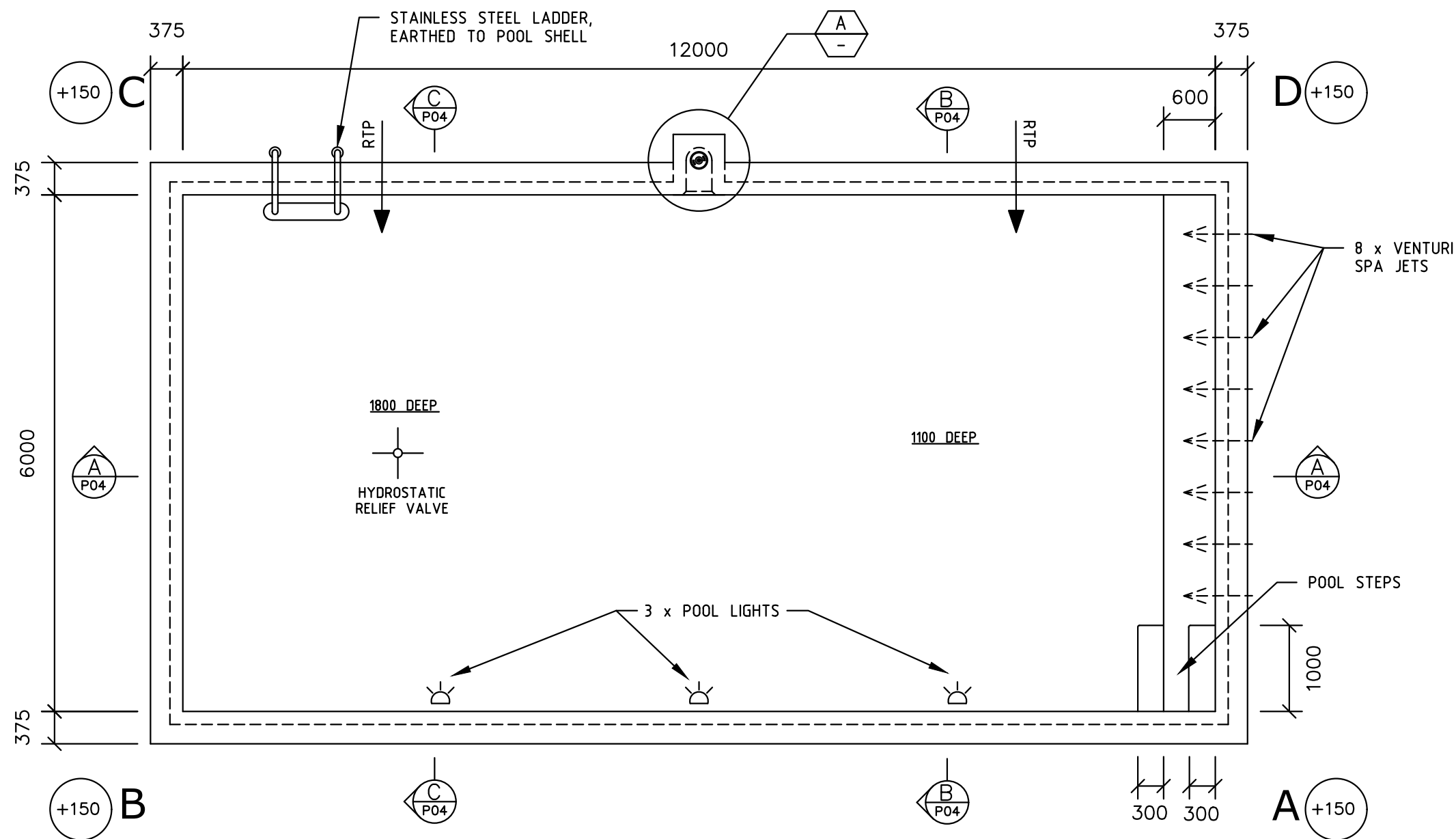


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**APPROVED** *Christiaan Fitzsimon* **DATE** 06.07.2020  
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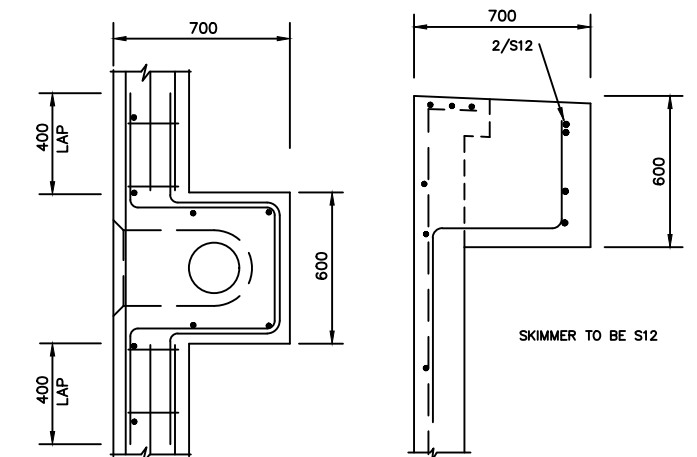
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SEPTEMBER 2007



## EQUIPMENT LIST

FILTER	- CA340
PUMP	- CTX280
HEATER	- MASTER TEMP GAS 300
CLEANING	- DB2 + CADDY
CHEMICAL CONTROLLER	- EQ35
CIRCULATION	- 2 RTP's
LIGHTS	- 3 x UNDERWATER LIGHTS
SPA JETS	- 8 x VENTURI SPA JETS
FILTER BOX	-
POOL BLANKET	-



## SECTIONAL PLAN SECTION



NOTES:

1. SKIMMER BOX
2. SKIMMER TO COMPLY WITH AS1926.3

## PLAN OF POOL

(Scale 1:60)

### NOTES:

1. EVEN BEARING ASSUMED THROUGHOUT UNLESS NOTED OTHERWISE. ANY VARIATION CHECK WITH ENGINEER.

No. S Bar =	169 S
No. N Bar =	18 N
Volume of Pool =	96,480 L
Concrete Volume =	26.78 m <sup>3</sup>
Concrete Strength =	32 MPa

DATUM: Bottom Step - Laundry (Sandstone Wall)

TOP OF POOL STRUCTURAL RELATIVE TO DATUM, ALLOW 30mm FOR PAVER: LEVEL

TOP OF POOL STRUCTURE RELATIVE TO APPROX. NATURAL GROUND LEVELS	A	+150	RL	.
	B	+150	RL	.
	C	+150	RL	.
	D	+150	RL	.

PROPOSED SWIMMING POOL

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AT: 132-144 Mayfair Rd, Mulgoa NSW 2745



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P03

REV. A



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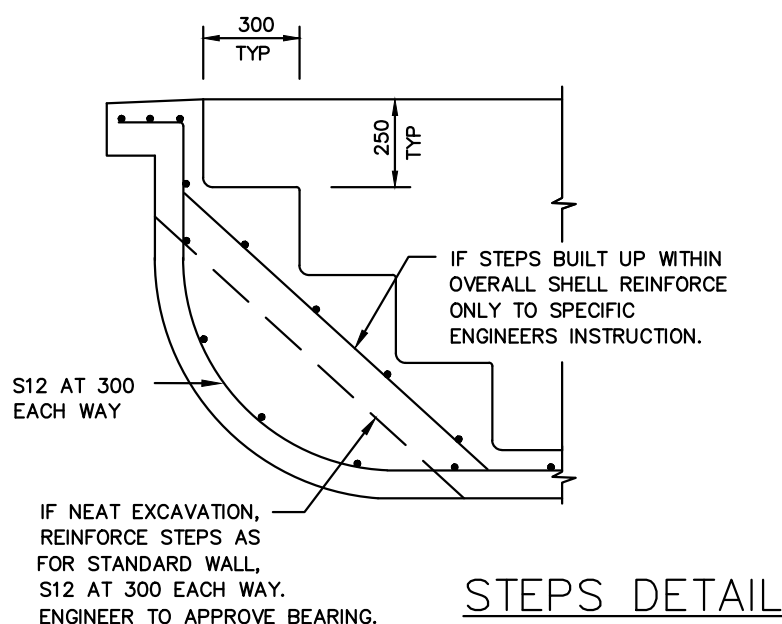
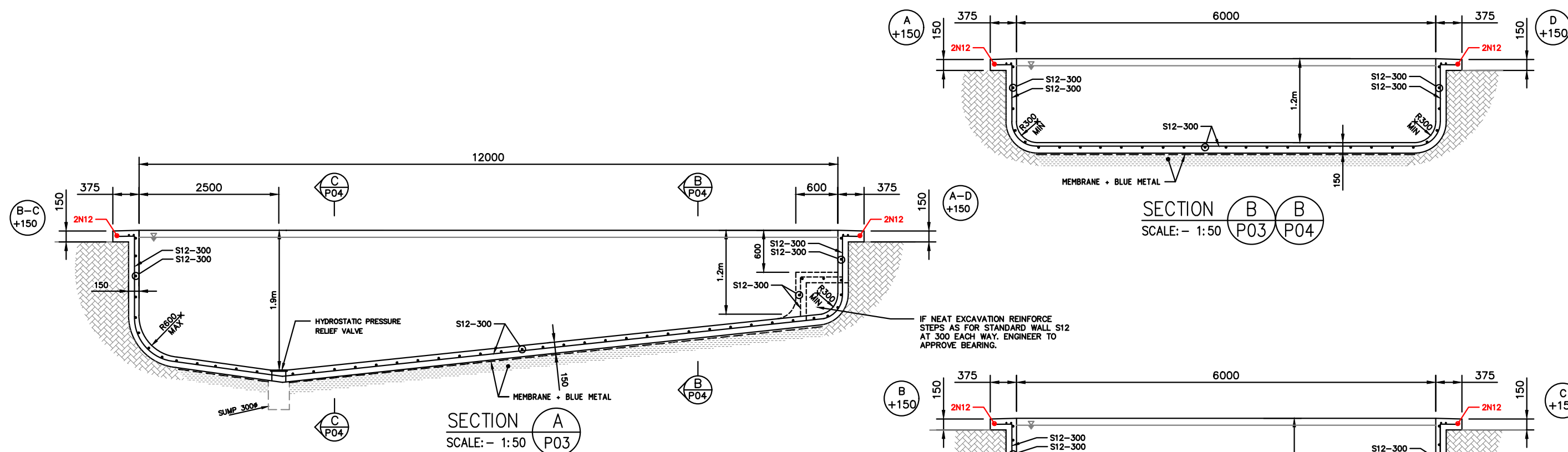
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