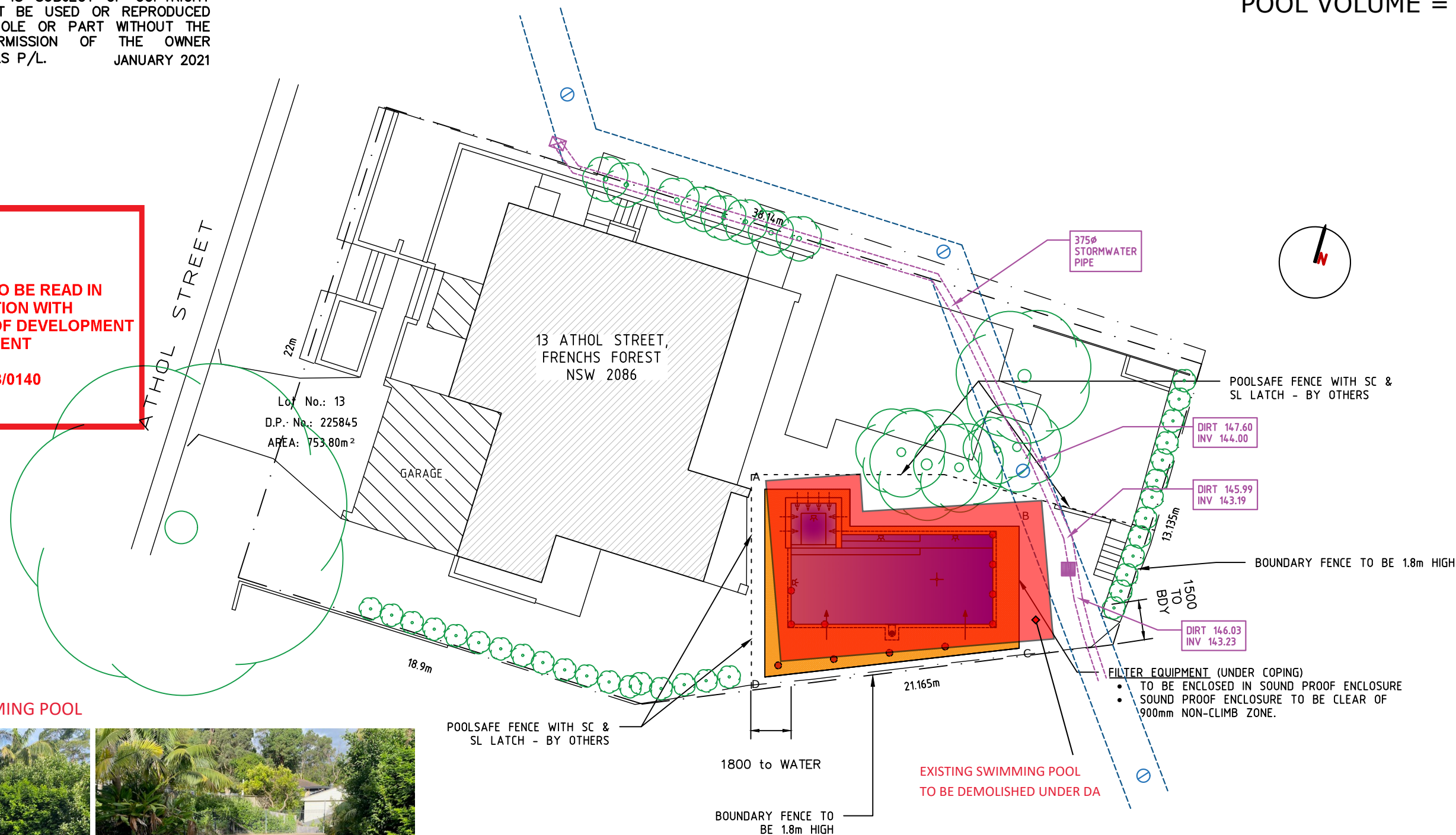


POOL VOLUME = 51,401 L



**THIS PLAN IS TO BE READ IN
CONJUNCTION WITH
THE CONDITIONS OF DEVELOPMENT
CONSENT**

DA2023/0140



PHOTOS OF EXISTING SWIMMING POOL



DEMOLITION PLAN

SCALE 1:200

E	15.05	STORMWATER PIPE ADDED, SECTIONS REVISED	CMF
D	20.04	REVISED POOL BDY OFFSET	CMF
C	18.10	REVISED COPING WIDTHS	CMF
B	09.10	REVISED POOL PLAN, BDY OFFSET	CMF
REV.	DATE	AMENDMENT	DRAWN

Consulting Engineer:



Innovative Building Systems Australia Pty Ltd

14 Monterey Parade, Ermington Heights NSW 2115
ACN: 44 124 486 497 Ph: (02) 9804 8725 www.ibsaust.com.au

APPROVED

DATE _____

25.03.2022

CHRISTIAAN FITZSIMON BSc BE MIEAust # 987546



1 CENTRAL AVENUE THORNLEIGH NSW 2120

(02) 9875 4555 | SALES@CRYSTALPOOLS.COM.AU

PO BOX 271 PENNANT HILLS NSW 1715

PROPOSED SWIMMING POOL

FOR: AIR & TIM KIEHNE

#: 0423 328 617

AT: 13 ATHOL STREET,
FRENCHS FOREST
NSW 2086

DATE

25.03.2022

JOB NUMBER

14718

DWG No.

REV.

E



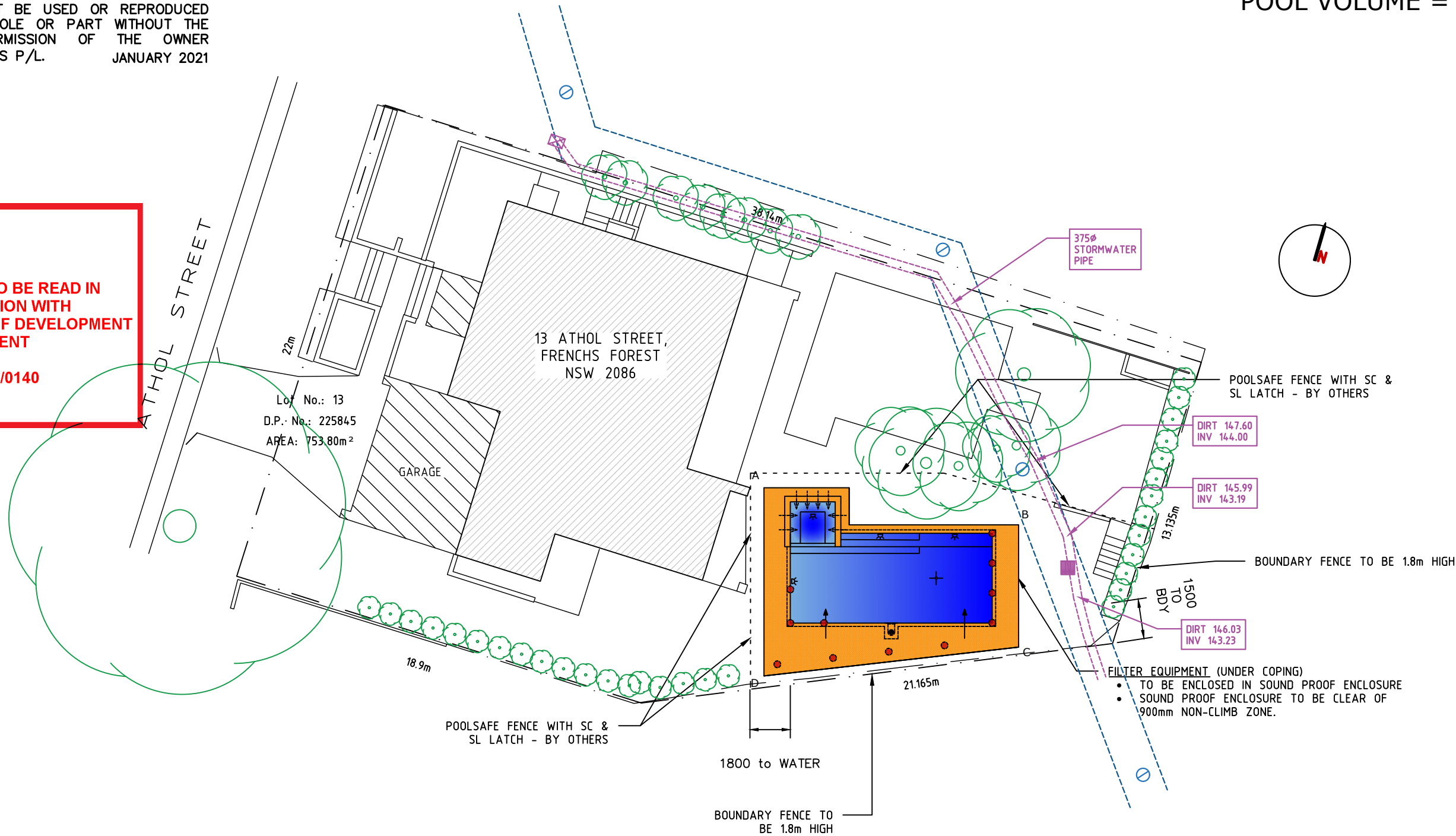
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CRYSTAL POOLS P/L. JANUARY 2021

POOL VOLUME = 51,401 L

 northern
beaches
council

**THIS PLAN IS TO BE READ IN
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CONSENT**

DA2023/0140



* LOCATION OF POOL TO BE THE
SAME AS EXISTING POOL

SITE PLAN
SCALE 1:200

E	15.05	STORMWATER PIPE ADDED, SECTIONS REVISED	CMF
D	20.04	REVISED POOL BDY OFFSET	CMF
C	18.10	REVISED COPING WIDTHS	CMF
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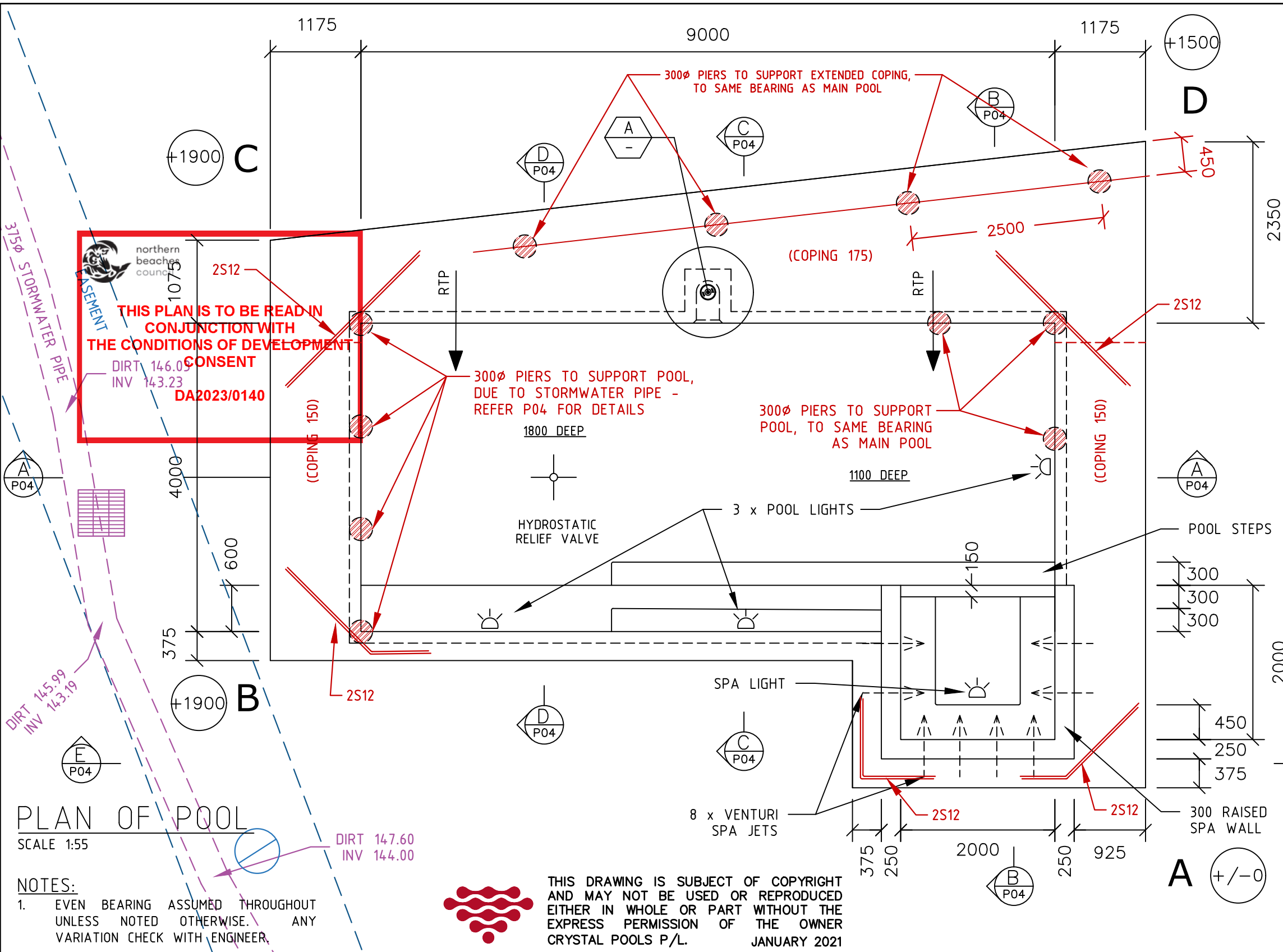
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FOR: AIR & TIM KIEHNE

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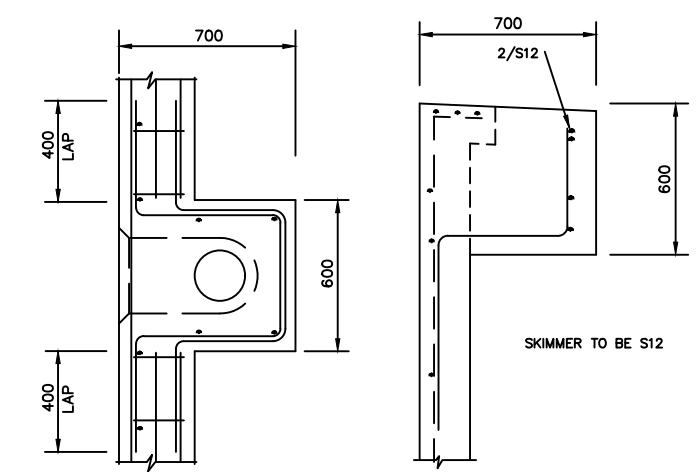
AT: 13 ATHOL STREET,
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JOB NUMBER	14718
DWG No.	P02
REV.	E



EQUIPMENT LIST

- FILTER - WC602
- PUMP - CLIENTS
- HEATING - MT400
- CHEMICAL CONTROLLER - CLIENTS
- CIRCULATION - 2 RTP's
- LIGHTS - 4 x UNDERWATER LIGHTS
- JETS - 8 x VENTURI SPA JETS



No. S Bar =	149 S
No. N Bar =	10 N
Volume of Pool =	51,401 L
Concrete Volume =	21.57 m ³
Concrete Strength =	32 MPa

DATUM:	FFL OF EXISTING POOL	RL 147.88
TOP OF POOL FINISHED, RELATIVE TO DATUM, ALLOW 30mm FOR PAVER:	LEVEL	FPL 147.88
TOP OF POOL STRUCTURE	A	+/-0 RL .
RELATIVE TO APPROX.	B	+1900 RL .
NATURAL GROUND LEVELS	C	+1900 RL .
	D	+1500 RL .

REV.	DATE	AMENDMENT	DRAWN
E	15.05	STORMWATER PIPE ADDED, SECTIONS REVISED	CMF
D	20.04	REVISED POOL BDY OFFSET	CMF
C	18.10	REVISED COPING WIDTHS	CMF
B	09.10	REVISED POOL PLAN, BDY OFFSET	CMF

Consulting Engineer:

IBS AUSTRALIA
Innovative Building Systems

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CHRISTIAAN FITZSIMON BSc BE MIEAust # 987546

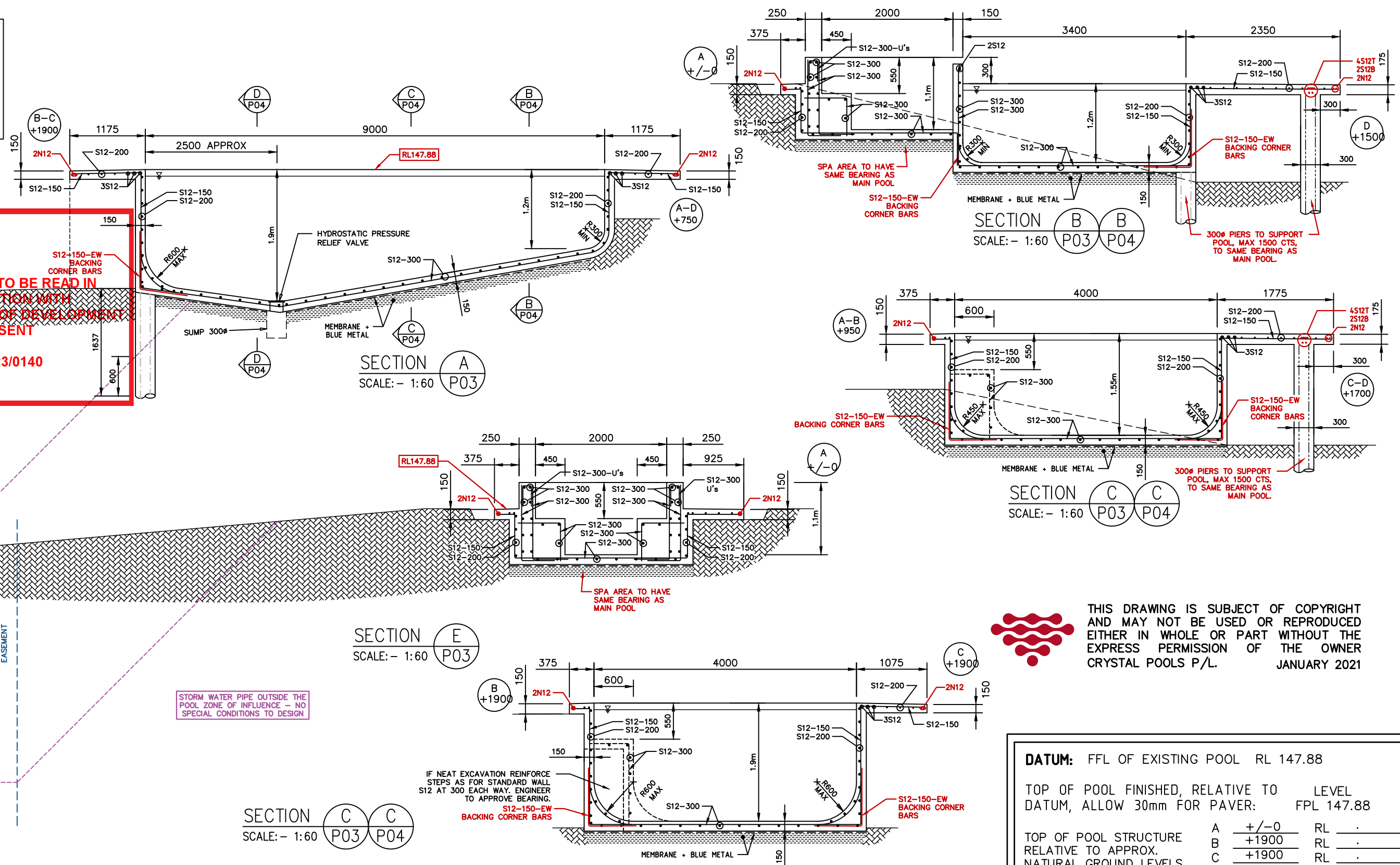
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PROPOSED SWIMMING POOL

FOR: AIR & TIM KIEHNE
#: 0423 328 617
AT: 13 ATHOL STREET,
FRENCHS FOREST
NSW 2086

DATE	25.03.2022
JOB NUMBER	14718
DWG No.	P03
REV.	E



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CRYSTAL POOLS P/L. JANUARY 2021

DATUM: FFL OF EXISTING POOL		RL 147.88
TOP OF POOL FINISHED, RELATIVE TO		LEVEL
DATUM, ALLOW 30mm FOR PAVER:		FPL 147.88
TOP OF POOL STRUCTURE	A	$\frac{+/-0}{+1900}$ RL .
RELATIVE TO APPROX.	B	$\frac{+1900}{+1900}$ RL .
NATURAL GROUND LEVELS	C	$\frac{+1900}{+1500}$ RL .
	D	$\frac{+1500}{+1500}$ RL .

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DWG No.
P04

REV. E