



PACIFIC POOLS P/L 84 Third road, Berkshire Park License no. 62686C Ph 9897 5566

BOUNDARY INFORMATION SUPPLIED BY OWNER. CONFIRM ALL BOUNDARY INFORMATION PRIOR TO COMMENCEMENT OF WORK.

COUNCIL NOTES:
- NO EXISTING STORMWATER ON ALLOTMENT.
- NO WATERWAYS, WATERCOURSES OR EXISTING
DRAINAGE PROBLEMS.
- EASMENTS SHOWN ON SITE PLAN.
- SEDIMENT DISPOSED OF TO COUNCIL'S REQUIRMENTS.

CONCRETE SLAB IN ACCORDANCE WITH CODE OF AUSTRALIA.

ALL EROSION AND SEDIMENTATION CONTROL MEASURES, INCLUDING REGEVETATION AND STORAGE OF SOIL AND TOPSOIL SHALL BE IMPELMENTED TO THE STANDARDS OF THE SOIL CONSERVATION OF NSW.

4. ALL SEDIMENT BASINS AND TRAPS SHALL BE CLEANED WHEN THE STRUCTURES ARE 60% FULL OF SOIL MATERIALS, INCLUDING THE MAINTENANCE PERIOD.

5. ALL DISTURBED AREAS SHALL BE REVEGETATED AS SOON AS THE RELEVAANT WORKS SRE COMPLETED.

6. SOIL AND TOPSOIL STOCKPILES SHALL BE LOCATED AWAY FROM DRAINAGE LINES AND AREAS WHERE WATER MAY CONCENTRATE.

7. FILTERS SHALL BE CONSTRUCTED BY STRETCHING A FILTER FABRIC (PROPEX OR APPROVED EQUIVALENT) BETWEEN POSTS AT 3m CENTRES. FABRIC SHALL BE BURIED 150mm ALONG ITS LOWER EDGE.

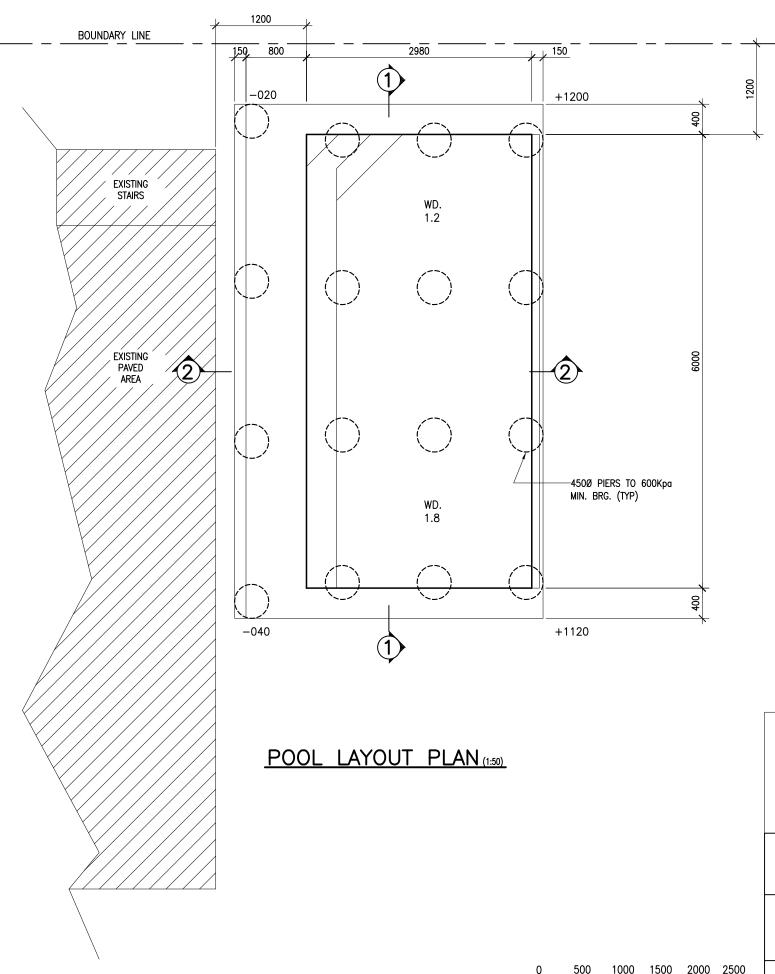
	BASIX NOT REQUIRED. POOL CAPACITY 26.82 KL.	
DATUM POINT	PAVED BALCONY POOL FINISHED 8	20MM BELOW DATUM
SITE DETAILS:		
SITE AREA		551.8 SQ. M.
BLOCK WIDTH PROPOSED POOL		13.715 M. 17.88 SQ. M.
TOTAL LIVING AREA		17.88 SQ. M. 233.94 SQ. M.
EXISTING HARD SURFACE	S	26.63 SQ. M.
LANDSCAPED AREA		291.23 SQ. M.
MIN. LANDSCAPED REQUI	RED	110.2 SQ. M.

PROPOSED DEVELOPMENT: REINFORCED CONCRETE SWIMMING POOL

No. 107 PLATEAU ROAD, BILGOLA PLATEAU DP 16902

CLIENT	SCALE
BRUNETTE	1:100 @ A3
DATE	PLAN NO.
APRIL 2019	2019JW07

JWConcepts&Design



(SCALE 1:50)

CONSTRUCTION NOTES:

General

These specification are to be read in conjunction with the Architectural drawings.

Do not scale off any of the details use written dimensions only. Structure to be kept in a stable condition and no part is to be overstressed.

All workmanship and materials to be in accordance with the relevant codes and ordinances.

Pool not designed for surcharge loading from other structures.

Builder to note that records must be kept as outlined in clause 6.4 of AS2783. Wall thicknesses shown have no negative tolerances.

Pool must not be emptied until ground water pressures have been removed from pool base and wall.

G9 Pool construction to conform with AS2783.

G10 Sections 1-1 & 2-2 take preference over notes.

G11 These details are primarily for structural details. All other ancillary information has been given by others and so we take no responsibility.

Foundation

F1 Pool is to be founded on approved natural ground with a bearing capacity of at least 100 kpa.
F2 Pool wall can project a maximum of 600mm out of natural ground with that wall having bearing on at least 100 kpa. If > 600mm protrusion engineer to be notified and revised details given.
F3 Excavation to be kept free of water. If surface deteriorates loose or soft material is to be removed.
F4 Pool suitable for site Classed A, S or M as per AS2870 any other condition, engineer is to be notified

F5 Foundation material to be approved by engineers prior to pouring of shell.

All workmans	ship and mate	rials to be in acco	ordance with AS3600.	
Concrete que	ality.	Max. Agg.	Exposure	AS3600
Element	Slump	Size	Classification	Fc (Mp
Pool	80	10	At .	25 25
			<u>_B1</u>	
			B2	32
			atine soilsچر	32
		. 7	180	40

C3 Cement content ≮ 280 kg/m³

Exposure Cover C4 Clear concrete cover to reo.

Formed face of insitu concrete Exposed face of pneumatically applied concrete Concrete placed in contact with ground 50 Faces exposed in aggresive water

Internal Finish ; As Req'd.

Coping width

CW 200 350

400

800 900 Reo required

2S12 3S12

4S12 8S12

9S12

Pool Data

Maximum depth 1.8 M

Maximum length 6.0 M

C5 Sizes of concrete do not include applied finishes.
C6 Construction joints located to the approval of the Engineer.

Contractor to notify Engineer 24hrs prior to any concrete being poured.

All reinforcement shall comply with AS1304. Reinforcement to be supported on approved chairs spaced 1000 max.

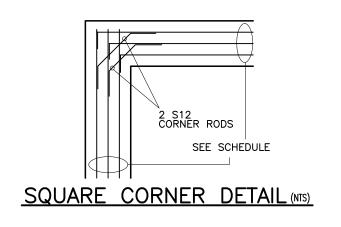
Design details comply with:
AS1170 Pt 1 SAA Loading Code
AS3600 SAA Concrete Structures Code
AS2783 SAA Concrete Pool Code
AS2610 Pt 2 SAA Pool Part 2 Private Spas

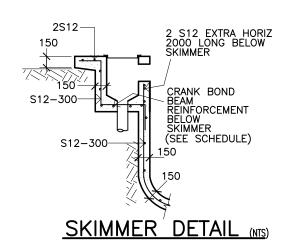
Relief value as per details

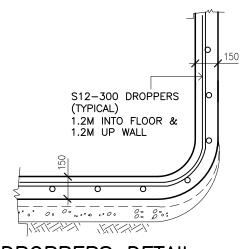
Registered Professional Engineer Mr John Cavasinni MIEAust CPENG (Civil / Structural) ature......Date.08./05./19.
Registered on the NPER in the category of Signature.... Civil / Structural

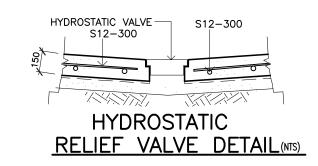
National Professional Engineers Register

	FIC PUDLS P/L (ACN 067 579 195) 84 THIRD RD, BERKSHIRE PARK 2765 Licence No 62686C Ph 9897 5566	JOHN CAVASINNI & CIVIL & STRUCTURAL ENGINEERING CO ACN 000 906 936		
PROJECT	PROPOSED REINFORCED CONCRETE POOL 107 PLATEAU ROAD BILGOLA PLATEAU	Drawn: MP	Mobile: 0418 25 8645 email: caveng@bigpond.c	5 :om
CLIENT	BRUNETTE	Approved:	Date: MAY 2019	
TITLE	SWIMMING POOL PLAN	Drawing No. 2019PF	R 1400 1/2	<u>}</u>

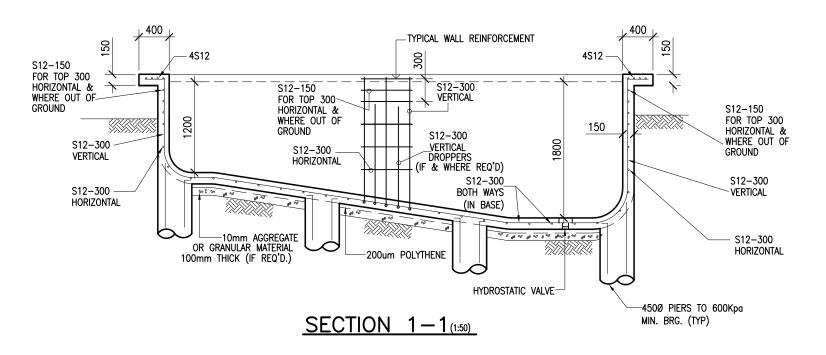


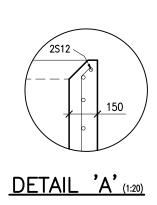


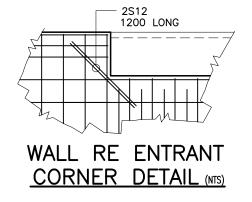


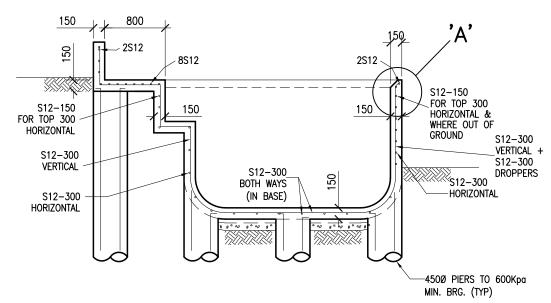


DROPPERS DETAIL(NTS)









SECTION 2-2 (1:50)

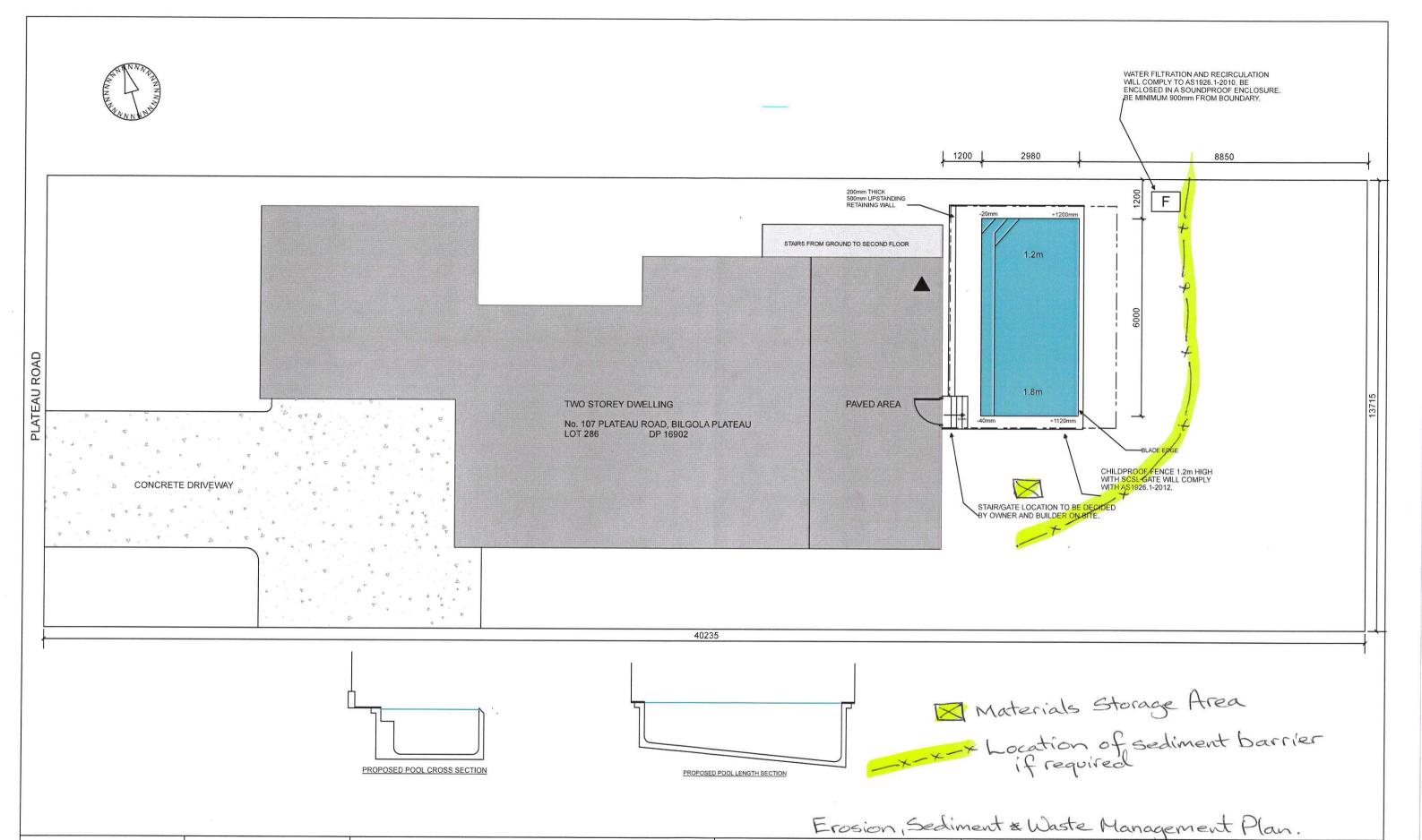
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(SCA	LE 1:20)				
0	500	1000	1500	2000	2500
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PACIF	IC POOLS P/L (ACN 067 579 195	>
	84 THIRD RD, BERKSHIRE PARK 276	35
l	icence No 62686C Ph 9897 5566	
PROJECT	PROPOSED REINFORCED CONCRETE POOL	

1	84 THIRD RD, BERKSHIRE PARK 2765 Licence No 62686C Ph 9897 5566	CIV
PROJECT	PROPOSED REINFORCED CONCRETE POOL	P O HOR 9 G
	107 PLATEAU ROAD BILGOLA PLATEAU	Dra
CLIENT	BRUNETTE	Арр
TITLE	SWIMMING POOL DETAILS & SECTIONS	Dr

NOTE:	SECTIONS 1-1 & 2-2	
	TAKE PREFERENCE OVER STANDARD	DETAILS

	JOHN CAVASINNI &	ASSOC. P/L
5	CIVIL & STRUCTURAL ENGINEERING CO	INSULTANTS (
	ACN 000 906 936	Ph: 9620 1161 I E Aust
		Mobile: 0418 25 8645 email: caveng@bigpond.con
	Drawn: MP	Scale: As noted
	Approved:	Date: MAY 2019
	Drawing No. 2019PR	2/2





PACIFIC POOLS P/L 84 Third road, Berkshire Park License no. 62686C Ph 9897 5566 BOUNDARY NOTE

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SEDIMENT CONTROL NOTES

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INCLUDING REGEVETATION AND STORAGE OF SOIL AND TOPSOIL
SHALL BE IMPLEMENTED TO THE STANDARDS OF THE SOIL
CONSERVATION OF NSW.

2. ALL DRAINAGE WORKS SHALL BE CONSTRUCTED AND STABILISED AS EARLY AS POSSIBLE DURING DEVELOPEMENT.



SEDIMENT TRAPS SHALL BE CONSTRUCTED AROUND ALL INLET PITS. CONSISTING OF 300mm WIDE x 300mm DEEP TRENCH.

4. ALL SEDIMENT BASINS AND TRAPS SHALL BE CLEANED WHEN THE STRUCTURES ARE 60% FULL OF SOIL MATERIALS, INCLUDING THE MAINTENANCE PERIOD.

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L1051011,	- white
NOT REQUIRED.	
POOL CAPACITY 26,82 KL.	

DATUM POINT PAVED BALCONY POOL FINISHED 820MM BELOW DATUM SITE DETAILS:

BASIX

SITE AREA BLOCK WIDTH PROPOSED POOL TOTAL LIVING AREA EXISTING HARD SURFACES LANDSCAPED AREA MIN. LANDSCAPED REQUIRED

POOL AND SITE LAYOUT PLAN

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