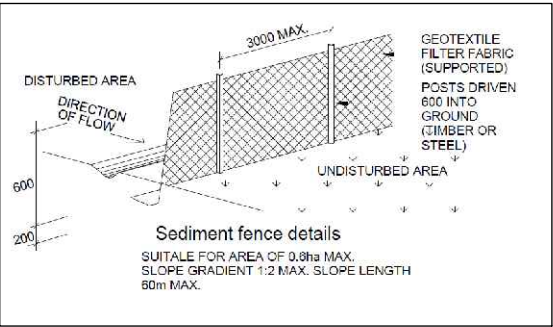


AREA CALCULATION			
SITE AREA:	259 m²		
EXISTING BUILDING FOOTPRINT:	100.1 m²		
OTHER HARDSTAND AREA:	18.2 m²		
PROPOSED POOL & COPING:	12.2 m²		
TOTAL COVERED AREA:	130.5 m²		
SOFT LANDSCAPE ON ENTIRE LOT:	128.5 m²		
TOTAL LANDSCAPE			
MINIMUM LANDSCAPE REQUIRED:	25.9 m²	10%	
TOTAL LANDSCAPED AREAS > 1.5m WIDE:	100.5 m²	38.8%	
LANDSCAPE FORWARD OF BUILDING LINE			
AREA FORWARD OF BUILDING LINE	81.2 m²		
REQUIRED LANDSCAPE > 1.5m WIDE	20.3 m²	25%	
PROPOSED LANDSCAPE > 1.5m WIDE	55.7	68.6%	
LANDSCAPE BEHIND BUILDING LINE			
REQUIRED LANDSCAPE > 1.5m WIDE	12.95 m²	50%	
PROPOSED LANDSCAPE > 1.5m WIDE	44.8 m²		

- NOTES:**
1. THIS DRAWING IS TO BE READ IN CONJUNCTION WITH THE POOL MANUFACTURER'S DRAWINGS AND SPECIFICATIONS
 2. POOL SETOUT TO WATERS EDGE
 3. ALL SITE WORKS TO BE COMPLETED TO AUSTRALIAN STANDARDS, NATIONAL CONSTRUCTION CODE AND LOCAL GOVERNMENT AUTHORITIES REGULATIONS
 4. POOL CONSTRUCTION, INCLUDING POOL BARRIER, STRICTLY TO COMPLY WITH ALL PARTS OF AS1926 AND THE SWIMMING POOL ACT & REGULATIONS
 5. FINAL CERTIFICATION IS TO BE ACHIEVED PRIOR TO FILLING OF POOL
 6. POOL PUMP TO BE HOUSED IN SOUND PROOF ENCLOSURE
 7. ALL POOL WATER RUNOFF & FILTER BACK WASH TO BE HANDLED IN ACCORDANCE WITH AS1926 AND COUNCIL'S SPECIFICATION

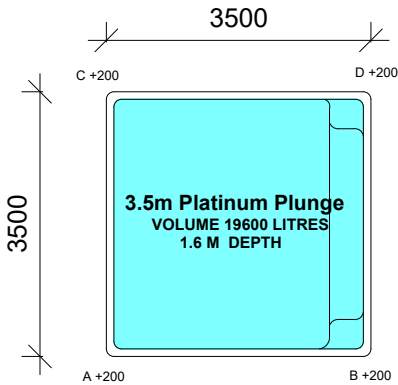
GROUND CLEARANCE:
THE HEIGHT OF ANY OPENING BETWEEN THE BOTTOM OF THE BARRIER AND THE FINISHED GROUND LEVEL SHALL NOT EXCEED 100mm.
THE SURFACE BENEATH THE BARRIER SHALL BE PERMANENT AND NOT EASILY REMOVED OR ERODED BY A YOUNG CHILD, ANIMALS OR WEATHER.



LEGEND	
	SOFT LANDSCAPE 1.5m WIDE & GREATER
	SOFT LANDSCAPE LESS THAN 1.5m WIDE
	HARDSTAND (CONCRETE, PAVERS, GRAVEL ETC.)
	EXISTING BUILDING FOOTPRINT



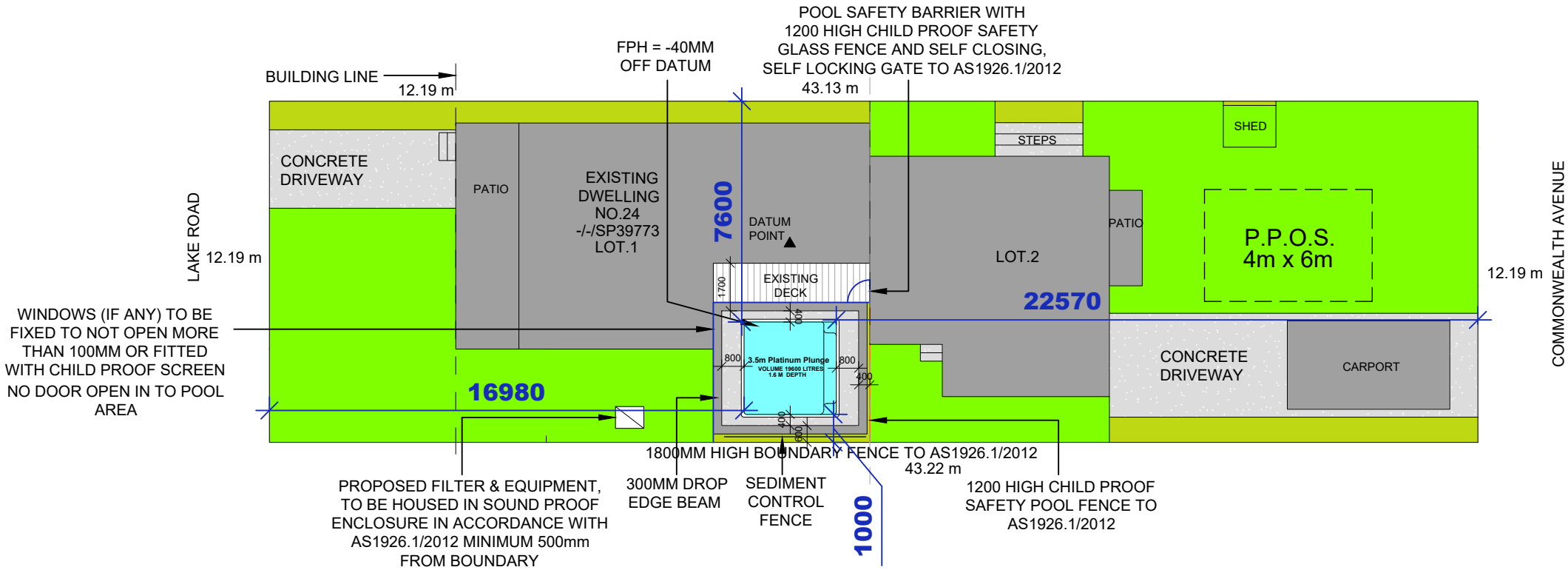
NOTES:
DATUM IS EXISTING DECK AND GROUND TO DATUM IS PLUS 350MM
DATUM = FLOOR LEVEL OF HOUSE



POOL PLAN

SCALE 1 : 100

2



SITE PLAN

SCALE 1 : 200

1



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THIS PLAN ALWAYS REMAINS THE COPYRIGHT OF DESIGNER. AND SHALL NOT BE USED OTHER THAN FOR THE PROJECT WORK INTENDED WITHOUT WRITTEN AUTHORITY. NO PART MAY BE REPRODUCED BY ANY PROCESS, NOR MAY ANY OTHER EXCLUSIVE RIGHT BE EXERCISED, WITHOUT PERMISSION. LEGAL ENFORCEMENT WILL BE TAKEN ON COPYRIGHT INFRINGEMENT.

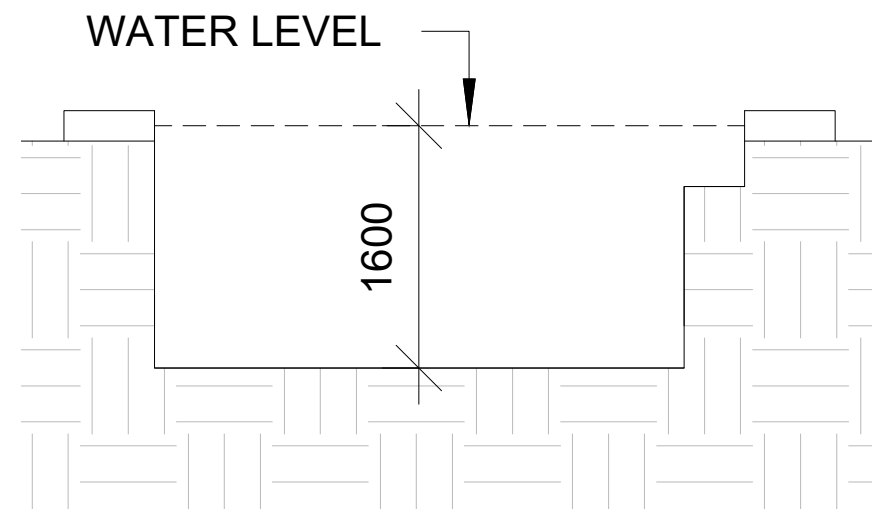
ALL DIMENSIONS ARE IN MILLIMETERS. DO NOT SCALE FROM PLANS.

DATE	DESCRIPTION	REV
07.07.2022	APPROVAL	R1
21.07.2022	APPROVAL	R2
11.08.2022	APPROVAL	R3

CLIENT'S NAME:
RAEWYN BURDEN

SITE ADDRESS:
**24 Lake Road,
Blackwall, NSW 2256,
-/-SP39773**

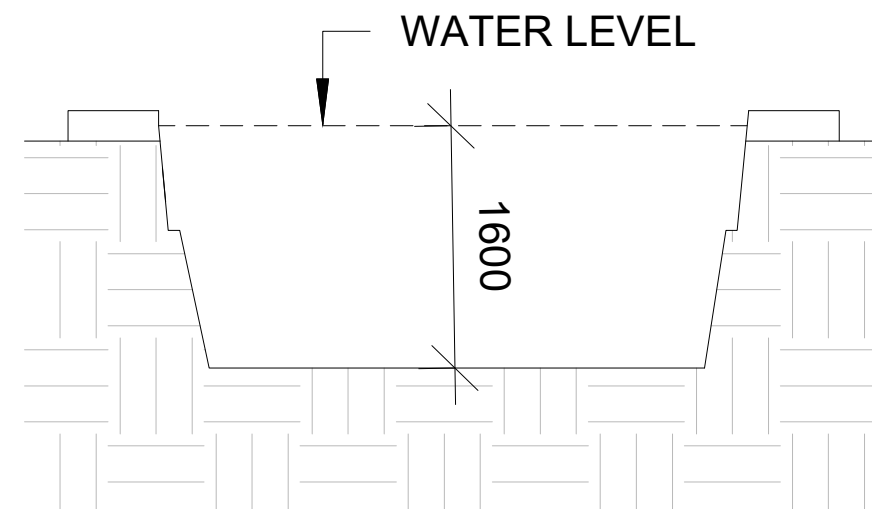
SHEET NAME:			JOB NO:
SITE PLAN			200641
DESIGN NAME:	RANGE:	SCALE @ A3:	SHEET NO:
3.5M PLATINUM PLUNGE		As indicated	1
PROJECT STAGE:	REV NO:	DATE:	
APPROVAL	3	11.08.2022	



SOUTH ELEVATION

SCALE 1 : 50

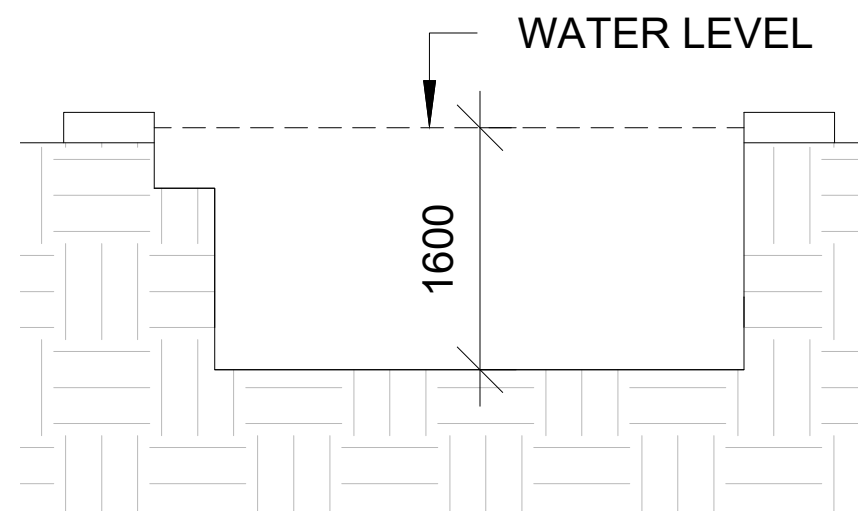
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WEST ELEVATION

SCALE 1 : 50

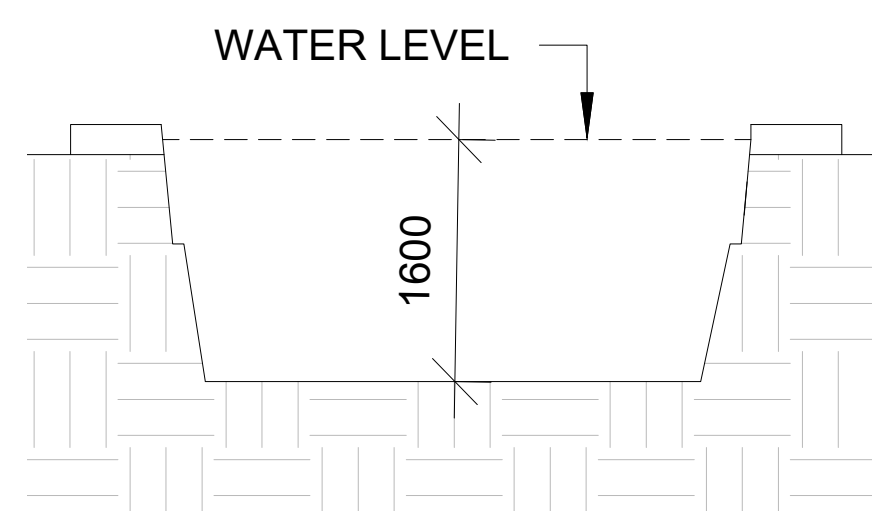
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NORTH ELEVATION

SCALE 1 : 50

3



EAST ELEVATION

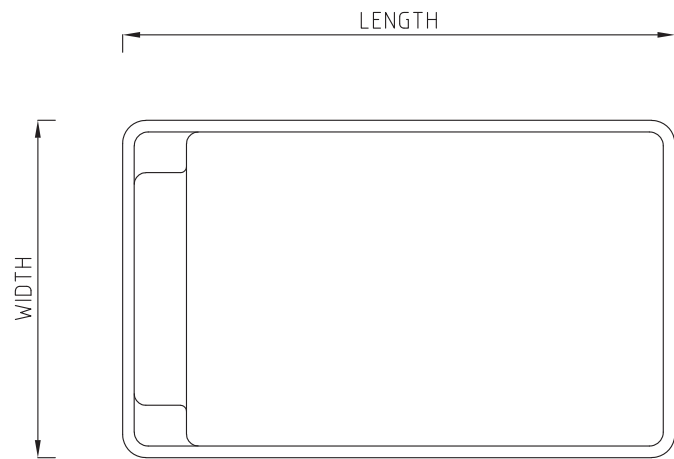
SCALE 1 : 50

4

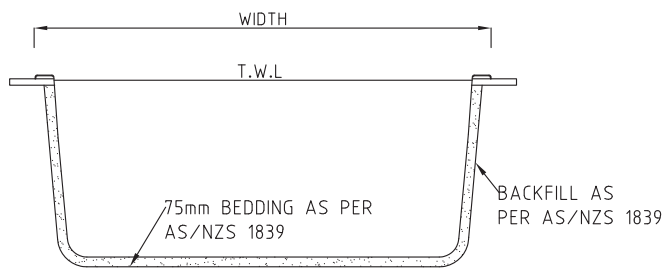
DATE	DESCRIPTION	REV
07.07.2022	APPROVAL	R1
21.07.2022	APPROVAL	R2
11.08.2022	APPROVAL	R3

CLIENT'S NAME:
RAEWYN BURDEN
SITE ADDRESS:
24 Lake Road, Blackwall, NSW 2256, -J/SP39773

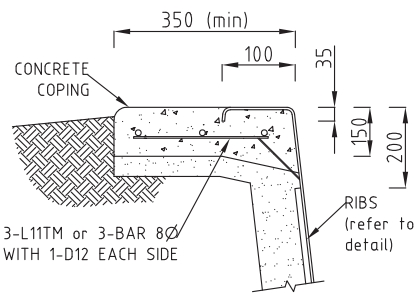
SHEET NAME:			JOB NO:
SECTION			200641
DESIGN NAME:	RANGE:	SCALE @ A3:	SHEET NO:
3.5M PLATINUM PLUNGE		1 : 50	2
	PROJECT STAGE:	REV NO:	DATE:
	APPROVAL	3	11.08.2022



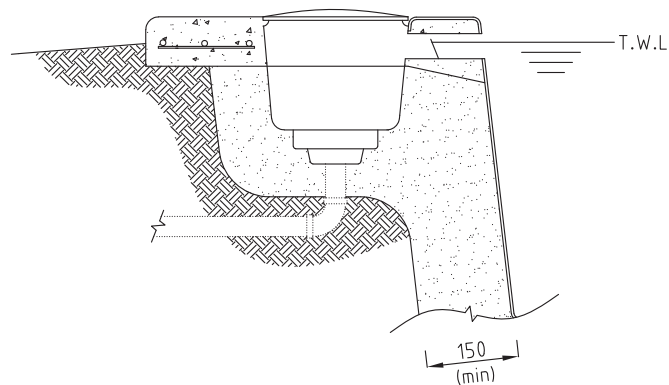
POOL PLAN - PLATINUM PLUNGE
N.T.S



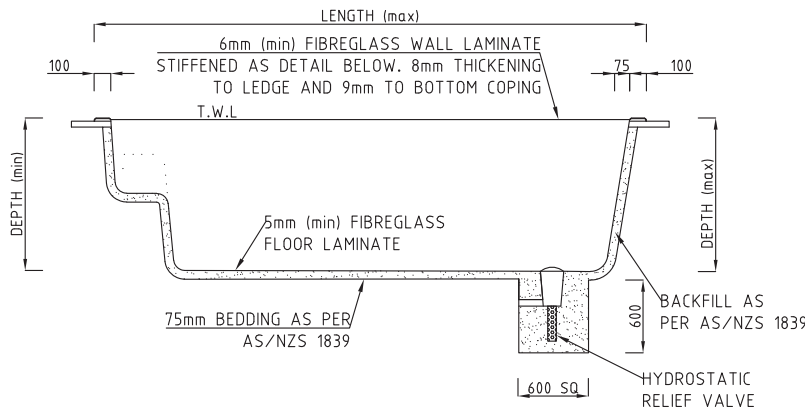
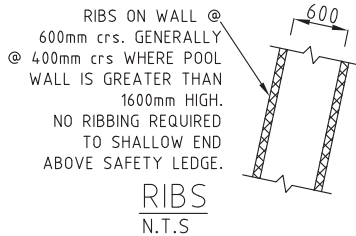
TYPICAL CROSS SECTION
N.T.S



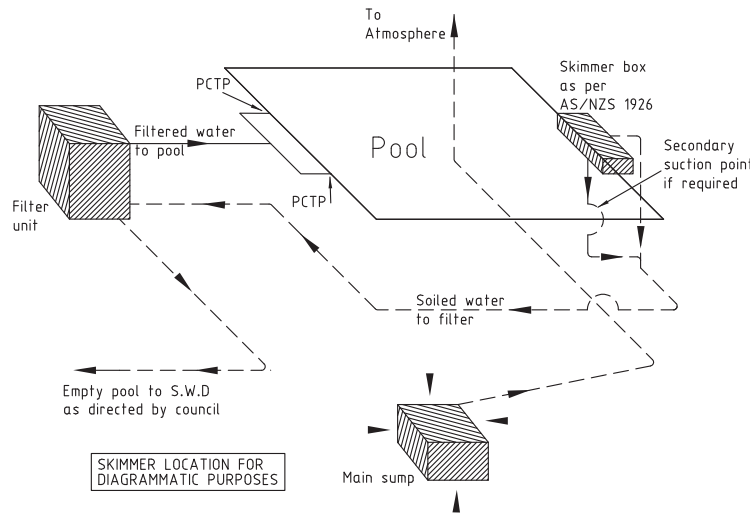
COPING DETAIL
N.T.S



SKIMMER BOX DETAIL
N.T.S



TYPICAL LONGITUDINAL SECTION
N.T.S



WATER RETICULATION FLOW DIAGRAM
N.T.S
ALL FILTRATION PIPES TO BE 40mm (min) PVC CLASS 9 PIPES AND ALL FITTINGS CLASS 18.

PLATINUM PLUNGE RANGE			
LENGTH	WIDTH	DEPTH (max)	DEPTH (min)
3500	3500	1600	1600
4460	3500	1600	1600
4980	3500	1600	1600

* All measurements are mm.

GRP SHELL MANUFACTURE

- THE FIBREGLASS SHELL SHALL BE MANUFACTURED IN ACCORDANCE WITH AS/NZS 1838 (PRE-MOULDED FIBRE REINFORCED PLASTIC SWIMMING POOLS).
- SHELL SHALL BE SPRAY MOULDED WITH:
 - 0.8mm GEL COAT (NPG).
 - 2.0mm BARRIER COAT (VINYL ESTER).
 - STRUCTURAL LAYER WHICH WILL GIVE TOTAL BARRIER/STRUCTURAL THICKNESS NOMINATED ON DRAWING.
- ALL LAYERS SHALL BE ROLLED OUT TO COMPLETELY BOND REINFORCING & RESINS & EXPEL AIR.
- STRUCTURAL LAMINATE SHALL HAVE MINIMUM:
 - FLEXURAL STRENGTH OF 110 MPa.
 - TENSILE STRENGTH OF 60 MPa.
 - MODULUS ELASTICITY OF 6200 MPa.

FOUNDATIONS



- ALL TOPSOIL & ORGANIC MATTER UNDER POOL FLOOR IS TO BE REMOVED. THE DESIGN REQUIRES THAT THE FOUNDATION MATERIAL IS TO BE UNIFORM SOUND NATURAL GROUND WITH A MINIMUM BEARING CAPACITY OF 50 kPa.
- THIS POOL IS SUITABLE FOR SOIL CLASSIFICATIONS OF 'A', 'S', 'M' SITES.
- FOR SOIL CLASSIFICATIONS OF 'H' & 'E' SITES REFER TO CERTIFICATION LETTER FOR REQUIRED ADJUSTMENTS.
- ALL SOIL CLASSIFICATIONS OF 'P' SITES SHALL BE REFERED TO AN ENGINEER.


INSTALLATION

- THE POOL SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF AS/NZS 1839 & THIS SPECIFICATION.
- CONCRETE TO CONCOURSE SHALL BE 20 MPa (min), WITH 20mm AGGREGATE & 100±10 SLUMP - TYPE A CEMENT, COMPACT CONCRETE THOROUGHLY AROUND SKIMMER & UNDER COPING FLANGE.
- REINFORCING STEEL: 3-L11TM or 3-BAR 8Ø WITH 1-D12 EACH SIDE
- TOLERANCES SHALL BE IN ACCORDANCE WITH AS/NZS 1838.
- PLUMBING SHALL BE 40Ø PRESSURE LINES AND 50Ø SUCTION LINES CLASS 9 PIPE AND CLASS 18 FITTINGS. PRIME ALL JOINTS BEFORE APPLYING SOLVENT.

OPERATION

- THE POOL SHELL MAY BE DAMAGED IF THE POOL WATER IS DROPPED BELOW NORMAL OPERATING LEVEL. CONSULT THE INSTALLATION CONTRACTOR PRIOR TO EMPTYING THE POOL.

DRAWING REVISIONS				REFERENCE DRAWINGS		COPYRIGHT THESE DESIGNS, PLANS AND INFORMATION ARE COPYRIGHT AND ARE NOT TO BE USED OR REPRODUCED WHOLLY OR IN PART OR TO BE USED ON ANY PROJECT WITHOUT THE WRITTEN PERMISSION OF SUMMERMORE PTY LTD DO NOT SCALE FROM THESE DRAWINGS.	SIGNED APPROVAL			<div>Summermore Pty Ltd Consulting Engineers</div> <div>ACN: 108 898 433 ABN: 42 108 898 433 ron@summermore.com.au www.summermore.com.au</div> <div>PO Box 1671 Browns Plains BC, QLD, 4118 Phone: 07 3800 0973 Fax: 07 3800 1860</div> <div></div>	PROJECT		
E	REVISED AS PER CLIENTS REQUEST	GAB	MAY2017				APPROVED		30MAR2020		TITLE	Structural Details (Fibreglass Swimming Pool)	
D	REVISED AS PER CLIENTS REQUEST	GAB	OCT2016				RPEQ	6715					
C	REVISED AS PER CLIENTS REQUEST	GAB	OCT2014				REVIEWED						
B	REVISED AS PER CLIENTS REQUEST	GAB	JUL2014				DESIGNED	RAB	MAY2017				
A	REVISED AS PER CLIENTS REQUEST	GAB	MAY2014				DRAWN	GAB	MAY2017				
-	PRELIMINARY FOR CLIENT APPROVAL	GAB	APR2014				SCALE	AS SHOWN					
REV	DESCRIPTION	BY	DATE	DRAWING NAME	TITLE		ORIGINAL DRAWING SIZE at A3						



LEISURE POOLS

SWIMMING IN QUALITY AND STYLE

DRAWING NUMBER	REV
14-7287-S07	E