SLAB SPECS

Prepare the base following the recommended specification below for your specific soil classification.

SITE CLASS	A –S – M	H1 – H2
DIMENSIONS	250mm Wider Than Pool Selected	
SLAB THICKNESS	150mm	Site Specific Engineering
MESH REQUIRED	Single Layer SL92	Site Specific Engineering

SLOPING or IN-GROUND

If the pool is to be installed on a sloping site or partially in-ground, you The Owner need to ensure the following guidelines are followed:

1. A concrete slab following the specifications above will still be required at the base of any hole or level ground where the pool will be placed.

2. Depending on the depth and/or specific site situation, a retaining wall may be required. No soil or backfill material can rest against the Steel pool walls.

3. An adequate drainage system for pool water spillover and/or rainfall will be required. It is essential to keep stagnant water away from the external pool wall as much as possible. An irrigation pipe leading to an inspection point with a submersible pump is recommended.

4. If filling stones or other packing material in the cavity between retaining walls and the pool wall, it is essential to protect the pool shell from scratching, which may lead to rusting. Thick builders' plastic, wrap, or tar paint is recommended as a barrier.

It is strongly recommended that for all in-ground or sloping-ground installations to consult a Licensed Landscape Builder. They can advise on the best solution for your specific site and if council approvals are required.

Above Ground
(No Retaining Wall Required)

Partial In Ground
(Retaining Wall Required)

Sloping Block
(Retaining Wall Required)

EQUIPMENT

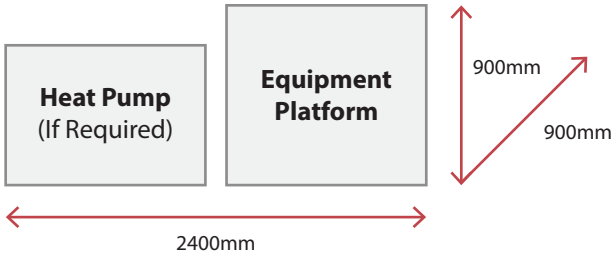
The equipment platform/s requires a firm base with a minimum size of 1100mm by 900mm or 2400mm by 900mm if with the Heat Pump upgrade. The minimum height required is 900mm.

The boxes mounted on the backboard of the platform can be transferred to a wall or some other structure, reducing the minimum height to possibly 700mm.

Equipment can be installed up to 20m from the pool shell.

Electrical requirement for the Equipment Platform is x 10amp Outdoor GPO. The Heat Pump requires x1 15amp or 10amp Outdoor GPO depending on the model.

The Pool Shell must be Bonded (Earthed) by a Licensed Electrician. Earthing tab is already provided on the pool.



PROPOSED GENERIC SLAB
OUTBACK PLUNGE POOL

Sheet Index

Layout ID	Layout Name
S000	Title Sheet
S001	General Notes-1
S002	General Notes-2
S101	Slab & Footing Plan

REV	STATUS	DESIGNED	CHECKED	DATE
A	FOR CONSTRUCTION	F.N.	F.M.	08.09.2023

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TITLE:
TITLE SHEET

PROJECT ADDRESS:
OUTBACK PLUNGE POOL
GENERIC SLAB

JOB No: 2308222
CLIENT: OUTBACK PLUNGE POOLS
SCALE: NTS

DESIGNED: F.N.
CHECKED: A.S.
APPROVED: F.M.

DWG No: S000
REVISION: A

FOR CONSTRUCTION

GENERAL:

G1. ALL WORK AND MATERIALS TO CONFORM TO THE DRAWINGS, THE SPECIFICATION, AND CURRENT BUILDING CODE OF AUSTRALIA AND AUSTRALIAN STANDARDS.

G2. THESE DRAWINGS SHALL BE READ IN CONJUNCTION WITH THE ARCHITECTURAL AND OTHER CONSULTANTS' DRAWINGS, THE SPECIFICATION AND ALL OTHER WRITTEN INSTRUCTIONS ISSUED DURING THE CONSTRUCTION.

G3. THE BUILDER SHALL CONFIRM ALL RELEVANT DIMENSIONS BEFORE COMMENCING CONSTRUCTION AND/OR FABRICATION. DO NOT SCALE STRUCTURAL DRAWINGS.

G4. ALL DISCREPANCIES SHALL BE REFERRED TO THE ARCHITECT/ENGINEER FOR RESOLUTION BEFORE PROCEEDING WITH THE WORKS.

G5. ALL DIMENSIONS ARE IN MILLIMETRES U.N.O. ALL LEVELS ARE EXPRESSED IN METRES.

G6. SUBSTITUTIONS SHALL BE MADE WITH THE ENGINEER'S WRITTEN APPROVAL, BUT NOT AN AUTHORISATION FOR AN EXTRA. ANY CLAIM FOR AN EXTRA MUST BE APPROVED BY THE ENGINEER, ARCHITECT AND/OR OWNER BEFORE COMMENCEMENT OF THE WORK.

G7. THE BUILDER SHALL MAINTAIN THE WORKS IN A SAFE, STABLE CONDITION AND ENSURE THAT NO PART IS OVER-STRESSED DURING CONSTRUCTION.

G8. ALL PROPS AND FORMWORK TO A BEAM OR SLAB SHALL BE REMOVED BEFORE CONSTRUCTING MASONRY WORKS.

G9. ALL NON-LOADBEARING WALLS SHALL BE CONSTRUCTED 20mm CLEAR OF SLAB AND BEAM SOFFITS U.N.O.

G10. NO HOLES, RECESSES OR CHASES OTHER THAN THOSE SHOWN ON THE STRUCTURAL DRAWINGS SHALL BE MADE WITHOUT THE ENGINEERS WRITTEN APPROVAL

G11. THE ENGINEER ACCEPTS NO RESPONSIBILITY FOR THE THE WORKS CARRIED OUT ON SITE UNLESS INSPECTED AND APPROVED IN WRITING BY THE ENGINEER.

G12. THE STRUCTURAL WORKS HAVE BEEN DESIGNED FOR THE FOLLOWING LOADS BASED ON MAXIMUM SIZE SWIM SPA MODEL SOLD BY SPA WORLD AT FULL CAPACITY

DEAD LOAD	LIVE LOAD
100 kN	5 kN

WIND CLASSIFICATION N/A TO SLAB

G13. WHERE ADDITIONAL CONSTRUCTION LOADS EXCEED THE AN ALLOWABLE LIVE LOAD, THE BUILDER TO NOTIFIED THIS OFFICE BEFORE COMENCING WORKS.

G14. BEFORE STARTING WORKS ON SITE, IT IS THE BUILDER'S RESPONSIBILITY TO ENSURE THE EXISTING UNDERGROUND SERVICES WILL NOT AFFECT THE WORKS. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY FOR ANY SITE DESCREPANCIES TO THE DRAWINGS. EXISTING LEVELS ARE TO BE VERIFIED ON SITE.

G15. ALL PROPRIETARY PRODUCTS ARE TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.

G16. ALL REQUIRED TESTS AND/OR SITE INSPECTION ARE TO THE CONTRACTORS EXPENSE.

FOOTINGS AND SLAB ON GROUND

F1. ALL WORK AND MATERIALS TO COMPLY WITH AS2870.

F2. ALL FOOTINGS SHALL BE FOUNDED ON SOIL WITH A MINIMUM ALLOWABLE BEARING PRESSURE OF 75 KPA. PRIOR TO COMENCING WORK, THE BUILDER IS TO FAMILARISE THEMSELVES WITH THE CONTENT OF ANY SOIL REPORT.
FOOTING DEPTHS SPECIFIED ON THE DRAWINGS ARE MINIMUM DIMENSIONS ONLY. IF NOT SHOWN, REFER TO THE SOIL REPORT FOR THE REQUIRED FOUNDING DEPTH.

F3. STRIP / PAD FOOTINGS ARE TO BE FOUNDED ON ORIGINAL UNDISTURBED GROUND WITH AN ALLOWABLE BEARING CAPACITY OF 100kPa.

F4. EDGE BEAMS AND LOAD BEARING RIBS SHALL BE FOUNDED ON UNDISTURBED GROUND WITH AN ALLOWABLE BEARING CAPACITY OF 100kPa. THE INTERNAL SLAB & NON-LOAD BEARING RIBS SHALL BE FOUNDED ON SOIL WITH MINIMUM BEARING CAPACITY OF 100 kPa.

F6. ALL ORGANIC MATERIAL SHALL BE REMOVED FROM THE AREA BENEATH THE SLABS ON GROUND. THE GROUND SHALL BE PROOF ROLLED WITH A 3 TONNE ROLLER PRIOR TO PLACING COMPACTED FILL. IF SPACE IS CONFINED, A LIGHT WEIGHT DEFLECTOMETER MAY BE APPROPRIATE FOR THE SOIL CONDITIONS. THIS OFFICE SHOULD BE CONTACTED FOR ADVICE. ANY SOFT SPOTS SHALL BE DUG OUT AND REPLACED WITH COMPACTED CRUSHED ROCK OR 15MPa BLINDING CONCRETE. IN ACCORDANCE WITH AS2870 AND AS3798.

F7. UNLESS OTHERWISE SPECIFIED IN THE SOIL REPORT, FILLING USED IN THE CONSTRUCTION OF THE SLAB EXCEPT WHERE THE SLAB IS SUSPENDED SHALL CONSIST OF CONTROLLED FILL OR ROLLED FILL AS FOLLOWS:
a. CONTROLLED FILL IS MATERIAL THAT HAS BEEN PLACED AND COMPACTED IN LAYERS BY COMPACTION EQUIPMENT WITHIN DEFINED DENSITY REQUIREMENT. EXCEPT AS PROVIDED BELOW, CONTROLLED FILL SHALL BE PLACED IN ACCORDANCE WITH AS 3798.
SAND FILL UP TO 0.8m DEEP, WELL COMPACTED IN NOT MORE THAN 0.3m THICK LAYERS BY A VIBRATING PLATE OR VIBRATING ROLLER, SHALL BE DEEMED TO COMPLY WITH THIS REQUIREMENT. A SATISFACTORY TEST FOR SAND FILL NOT CONTAINING GRAVEL SIZED MATERIAL IS THE ACHIEVEMENT OF A BLOW COUNT OF 7 OR MORE PER 0.3m USING THE PENETROMETER TEST DESCRIBED IN AS 1289.6.3.3.
NON-SAND FILL UP TO 0.4m DEEP, WELL COMPACTED IN NOT MORE THAN 0.15m LAYERS BY A MECHANICAL ROLLER OR EQUIVALENT SHALL BE DEEMED TO COMPLY WITH THIS REQUIREMENT.
CLAY FILL SHALL BE MOIST DURING COMPACTION.
b. ROLLED FILL CONSISTS OF MATERIAL COMPACTED IN LAYERS BY REPEATED ROLLING WITH AN EXCAVATOR. ROLLED FILL SHALL NOT EXCEED 0.6m COMPACTED IN LAYERS NOT MORE THAN 0.3m THICK FOR SAND OR 0.3m COMPACTED IN LAYERS NOT MORE THAN 0.15m THICK FOR OTHER MATERIAL
c. THE EXTENT OF CONTROLLED FILL AND ROLLED FILL REQUIRED SHALL BE DETERMINED ON SITE IN ACCORDANCE WITH SECTION 6 OF AS2870 AND SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR & BUILDER.

F8. WHERE DEPTH OF CONTROLLED FILL IS THICKER THAN THAT SPECIFIED ABOVE, FILL MATERIAL SHALL BE SPREAD AND COMPACTED IN UNIFORM LAYERS NOT EXCEEDING 0.15m THICK. TOP SURFACE LAYER SHALL BE COMPACTED TO MINIMUM 98% STANDARD DRY DENSITY DETERMINED BY METHODS IN ACCORDANCE WITH AS1289. LOWER LAYERS SHALL BE COMPACTED TO 95% STANDARD DRY DENSITY. THE MOISTURE CONTENT OF THE FILL MATERIAL SHALL BE ADJUSTED TO WITHIN 2% OF THE OPTIMUM MOISTURE CONTENT DURING COMPACTION TO ENSURE THAT THE SPECIFIED COMPACTION IS OBTAINED. COMPACTION TESTS SHALL BE CARRIED OUT AT A RATE OF ONE TEST PER LAYER PER 100 SQUARE METRES OF FILL. TESTS ARE TO BE CARRIED OUT BY INDEPENDENT NATA REGISTERED LABORATORIES. SUBMIT REPORT TO THIS OFFICE FOR APPROVAL.

F9. FOUNDATIONS SHALL BE INSPECTED AND APPROVED BY THE ENGINEER OR BUILDING INSPECTOR BEFORE LAYING MEMBRANES AND POURING CONCRETE. IF AN UNUSUAL GROUND CONDITION IS ENCOUNTERED DURING THE SITE EXCAVATION, REPORT TO THIS OFFICE FOR RESOLUTION.

F10. NO EXCAVATION IS TO BE TAKEN BELOW THE BASE OF ADJACENT / EXISTING FOOTINGS. IF IT IS UNAVOIDABLE, FOR THE CASE OF NEW FOOTINGS, BLINDING CONCRETE GRADE 15MPa SHALL BE PROVIDED BENEATH THE NEW FOOTING AND FOUNDING BELOW ANGLE OF REPOSE. FOR THE CASE OF EXISTING FOOTINGS, UNDERPINNING IS REQUIRED. REFER TO THIS OFFICE FOR DETAILS.

F11. ALL FOUNDATIONS ARE TO BE FREE OF WATER AND LOOSE MATERIAL

F12. OVER EXCAVATION IS TO BE FILLED TO THE UNDERSIDE OF FOOTINGS WITH 15MPa BLINDING CONCRETE

F13. TERMITE PROTECTION SHALL BE PROVIDED AS REQUIRED BY AUSTRALIAN STANDARD AND THE LOCAL STATUTORY AUTHORITY.

F14. A 0.2mm POLYTHENE MEMBRANE SHALL BE CONTINUOUS UNDER SLAB AND RIBS LAPPED 200mm MINIMUM WHERE REQUIRED AND TAPED AT ALL SERVICE PENETRATIONS, LAPS AND PUNCTURES. THE MEMBRANE IS TO EXTEND UNDER AND TO THE SIDES OF SLABS, BEAMS AND THICKENINGS.

F15. EXCAVATIONS NEAR THE BUILDING EDGE SHALL BE BACKFILLED IN SUCH A MANNER TO PREVENT READY ACCESS OF WATER TO THE FOUNDATIONS

F16. SYMBOLS ON THE DRAWING FOR REINFORCEMENT ARE AS FOLLOWS :
- Y GRADE 400MPa DEFORMED REINFORCING BARS TO AS 1302.
- N GRADE 500MPa DEFORMED REINFORCING BARS, DUCTILITY CLASS N TO AS 4671
- R GRADE 250MPa PLAIN REINFORCING BARS TO AS 1302
- TM HARD-DRAWN STEEL TRENCH MESH, GRADE 500 DUCTILITY CLASS L TO AS 4671
- RL RECTANGULAR RIB MESH GRADE 500 DUCTILITY CLASS L TO AS 4671
- SL SQUARE RIB MESH GRADE 500 DUCTILITY CLASS L TO AS 4671

F17. FABRIC SHALL BE PLACED NEAR THE TOP OF THE SLAB AND SHALL HAVE A NOMINAL COVER OF 25mm U.N.O.

F18. REINFORCEMENT FABRIC SHALL BE LAPPED SO THAT EACH PAIR OF TRANSVERSE WIRES AT THE EDGE OF ONE SHEET OVERLAPS EACH CORRESPONDING PAIR OF TRANSVERSE WIRES OF THE SHEET BEING LAPPED. REINFORCEMENT SHALL BE SUPPORTED IN POSITION PRIOR TO CONCRETING COMMENCING ON DENSE PRECAST CONCRETE SPACER BLOCKS OR BAR CHAIRS ON GALVANIZED STEEL DISHES (EITHER OF WHICH MUST NOT DAMAGE THE MEMBRANE) AT 900mm MAXIMUM CENTRES EACH WAY TRAMPING IN FABRIC IS NOT PERMITTED

F19 BEAM AND STRIP FOOTING REINFORCEMENT SHALL HAVE A NOMINAL COVER OF 50mm.

F20. TRENCH MESH SHALL BE LAID CONTINUOUSLY AND SHALL BE SPLICED WHERE NECESSARY WITH A MINIMUM LAP OF 500mm

F21. TRENCH MESH SHALL BE OVERLAPPED BY THE WIDTH OF FABRIC AT CORNERS AND INTERSECTIONS. THE ENDS OF TRENCH MESH SHALL TERMINATE WITH A CROSSBAR.

F22. PROVIDE 2N12 x 1200 BARS OR EQUIVALENT TRENCH MESH x 2000 LONG DIAGONALLY ACROSS RE-ENTRANT CORNERS OF SLAB AND TIED TO UNDERSIDE OF TOP FABRIC.

F23. CONCRETE STRENGTH IS TO BE f'c = 25MPA, WITH 65 MAX. SLUMP, COMPACTED USING MECHANICAL VIBRATION. SLAB & RIBS ARE TO BE CAST IN ONE CONTINUOUS POUR AND THE SLAB IS TO BE STEEL-FLOAT FINISHED

F24. ALL CONCRETE IS TO BE CONTINUOUSLY WET-CURED FOR 7 DAYS.

F25. THE GROUND SURROUNDING SLABS SHALL HAVE THE SURFACE AT LEAST 150mm LOWER THAN THE SLAB AND BE SLOPED AWAY FROM THE SLAB EDGE SO THAT WATER WILL DISCHARGE TO SUITABLE DRAINAGE POINTS AND NOT FLOOD THE SLAB SURFACE.

F26. HOT WATER HEATING PIPES MAY BE EMBEDDED IN THE SLAB PROVIDED THAT THE SLAB THICKNESS IS INCREASED BY 25mm AND LAID ON ADDITIONAL SL52 MESH.

CONCRETE:

C1 ALL WORK AND MATERIALS SHALL BE IN ACCORDANCE WITH AS3600.

C2 UNLESS OTHERWISE SHOWN THE MINIMUM 28 DAY COMPRESSIVE STRENGTH OF CONCRETE SHALL BE AS FOLLOWS:

ELEMENT	CONC. STRENGTH (f'c) MPa	SLUMP mm
FOOTINGS	32	75
SLAB-ON-GROUND	25	65
SUSPENDED SLABS & BEAMS	32	80
MASS CONCRETE	15	-

C3 CONCRETE SHALL BE CURED BY AN APPROVED METHOD FOR AT LEAST 7 DAYS AFTER PLACEMENT.

C4 CONCRETE SHALL BE COMPACTED USING MECHANICAL VIBRATION.

C5 VIBRATION OF FORMS IS NOT ACCEPTABLE AND CONCRETE SHALL NOT BE SPREAD BY VIBRATING.

C6 CONCRETE SECTIONS SHOWN ARE MINIMUM SIZES AND DO NOT INCLUDE FINISHES. SIZES SHALL NOT BE REDUCED IN ANY WAY OR HOLES FORMED OR MADE IN

C7 DEPTH OF BEAMS ARE GIVEN FIRST AND INCLUDE SLAB THICKNESS

C8 SLABS AND BEAMS ARE TO BE POURED CONCURRENTLY U.N.O. AND FINISHED WITH A STEEL FLOAT.

C9 MINIMUM COVER TO ALL REINFORCEMENT INCLUDING FITMENTS SHALL BE AS FOLLOWS, U.N.O:

ELEMENT	FORMED AND NOT EXPOSED TO WEATHER	FORMED ON GROUND & EXPOSED TO WEATHER	NOT FORMED. CAST AGAINST GROUND
INSITU BEAMS	40	50	65
FOOTINGS	-	50	75
PIERS	-	50	75
SLABS ON GROUND	20	30	65
SUSPENDED SLABS	20	30	65
UNDERPINNING	-	50	75

C10 REINFORCEMENT IS SHOWN DIAGRAMMATICALLY AND NOT IN TRUE PROJECTION.
SYMBOLS ON THE DRAWING FOR REINFORCEMENT ARE AS FOLLOWS:

C11
- Y GRADE 400MPa DEFORMED REINFORCING BARS TO AS1302
- N GRADE 500MPa DEFORMED REINFORCING BARS, DUCTILITY CLASS N TO AS 4671
- R GRADE 250MPa PLAIN REINFORCING BARS TO AS1302
- W HARD-DRAWN STEEL REINFORCING WIRE, GRADE 500 DUCTILITY CLASS L TO AS 4671
- TM HARD-DRAWN STEEL TRENCH MESH, GRADE 500 DUCTILITY CLASS L TO AS 4671
- RL RECTANGULAR RIB MESH GRADE 500 DUCTILITY CLASS L TO AS 4671
- SL SQUARE RIB MESH GRADE 500 DUCTILITY CLASS L TO AS 4671

C12 ALL REINFORCEMENT AND INSERTS SHALL BE SUPPORTED AND HELD IN THE DESIGN LOCATION BY APPROVED BAR CHAIRS, SPACERS OR TIES. BAR CHAIRS SHALL BE PLACED AT MINIMUM 1000 CENTRES IN TWO DIRECTIONS U.N.O.

C13 WELDING AND THREADING OF REINFORCEMENT IS NOT PERMITTED WITHOUT THE APPROVAL OF THE ENGINEER.

C14 REINFORCEMENT SHALL BE EVENLY DISTRIBUTED OVER THE WIDTHS SHOWN U.N.O.

C15 PROVIDE 2-N12 x 1200 BARS DIAGONALLY ACROSS RE-ENTRANT CORNERS OF SLABS, TIED UNDER THE TOP FABRIC. U.N.O.

C16 AT SLAB EDGES INCLUDING CONSTRUCTION AND OTHER JOINTS, AT LEAST ONE REINFORCING BAR OR FABRIC WIRE SHALL BE LOCATED PARALLEL TO AND WITHIN 75mm OF THE SLAB EDGE.

C17 CONSTRUCTION JOINTS SHALL BE PROPERLY FORMED AND USED ONLY WHERE APPROVED OR PERMITTED BY THE ENGINEER.

C18 SAWN JOINTS SHALL BE MADE AT A TIME APPROPRIATE TO THE CONCRETE MIX AND CLIMATIC CONDITIONS, GENERALLY BETWEEN 10 AND 20 HOURS OF PLACING THE CONCRETE.

C19 STRIPPING OF FORMS AND REMOVAL OF FORMWORK SHALL TAKE PLACE IN ACCORDANCE WITH A PROCEDURE AGREED TO BY THE ENGINEER.

C20 CONCRETE MUST BE SEPARATED FROM SUPPORTING MASONRY WORK BY TWO LAYERS OF A SUITABLE DE-BONDING MEMBRANE.

C21 SUSPENDED SLABS SHALL BE GIVEN AN UPWARD MID-SPAN CAMBER OF 3mm PER 1000mm U.N.O. BEAMS SHALL BE AS SHOWN ON DRAWINGS.

C22 SPLICES IN REINFORCEMENT SHALL BE MADE IN THE POSITIONS SHOWN ON THE DRAWINGS OR AS OTHERWISE APPROVED BY THE ENGINEER.

C23 HOLDING-DOWN BOLTS SHALL BE SUPPLIED TO THE CONCRETOR FOR CASTING INTO THE CONCRETE AND SHALL BE INSTALLED IN ACCORDANCE WITH THE STEEL HOLDING-DOWN BOLT PLAN.

REV	STATUS	DESIGNED	CHECKED	DATE
A	FOR CONSTRUCTION	F.N.	F.M.	08.09.2023

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TITLE: GENERAL NOTES-1

PROJECT ADDRESS: OUTBACK PLUNGE POOL GENERIC SLAB

JOB No: 2308222

CLIENT: OUTBACK PLUNGE POOLS

SCALE: NTS

DESIGNED: F.N.

CHECKED: A.S.

APPROVED: F.M.

DWG No: S001

REVISION: A

FOR CONSTRUCTION

TREE(S)

OWNER/BUILDER TO PROVIDE CONCRETE BLINDING 15MPa AS ROOT BARRIER UNDER FOOTINGS (within zone of influence of 1 x tree matured height) TO BE FOUNDED ON WEATHERED BEDROCK OR 2000mm DEEP MIN. FROM GROUND LEVEL (WHICH EVER IS SHALLOWER) IF TREES EXIST OR EXPECTED. ALTERNATIVELY, PROVIDE ROOT BARRIER

DO NOT CUT TREE STRUCTURAL ROOTS. IF UNSURE, CONTACT AN ARBORIST / THIS OFFICE FOR GUIDANCE.

NOTES

SWIMMING POOL AND SPA SAFETY TO FOLLOW THE GUIDELINES OF PN-05-2018 PUBLISHED BY VBA.

BARRIERS AND LOCATION OF BARRIERS TO BE DESIGNED TO REQUIREMENTS OF AS 1926.1-2012
AND AS 1926.2-2007, SWIMMING POOL SAFETY - SAFETY BARRIERS FOR SWIMMING POOLS.
THE SLAB DESIGN IS BASED ON THE STEEL POOL DESIGN OUTLINED IN DWG NO. 200848 BY D&M CONSULTING DATED 16.11.2020 .

REV	STATUS	DESIGNED	CHECKED	DATE
A	FOR CONSTRUCTION	F.N.	F.M.	08.09.2023

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TITLE: GENERAL NOTES-2

PROJECT ADDRESS: OUTBACK PLUNGE POOL GENERIC SLAB

JOB No: 2308222
CLIENT: OUTBACK PLUNGE POOLS
SCALE: NTS

DESIGNED: F.N.
CHECKED: A.S.
APPROVED: F.M.

DWG No: S002
REVISION: A

FOR CONSTRUCTION

NOTE
INFORMATION REGARDING ANY PIPES WITHIN THE PROPERTY EASEMENT WERE NOT SUPPLIED TO THIS OFFICE AT THE TIME OF STRUCTURAL DESIGN. ALL PROPERTY ASSETS ARE TO BE CONFIRMED PRIOR TO CONSTRUCTION. THIS OFFICE IS TO BE CONTACTED FOR FURTHER ADVICE.

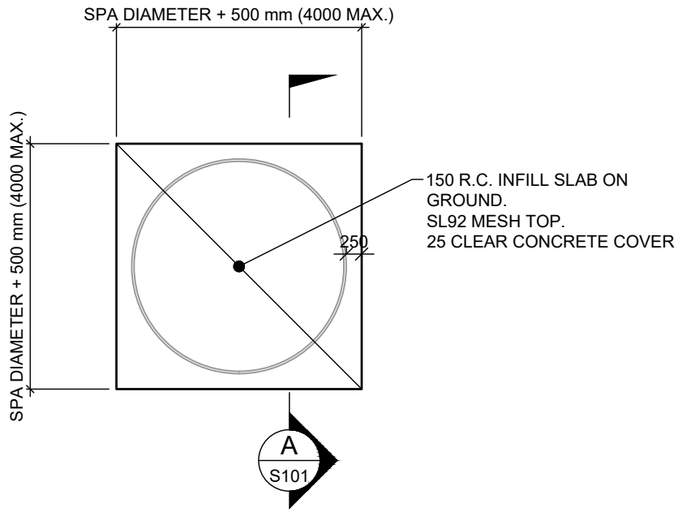
SITE SURFACE DRAINAGE
SITE DRAINAGE PLAN IS TO BE PREPARED BY OTHERS. BUILDING INSPECTOR TO ENSURE SITE SURFACE DRAINAGE SATISFIES THE REQUIREMENTS OF NCC & AS 2870 - 2011.

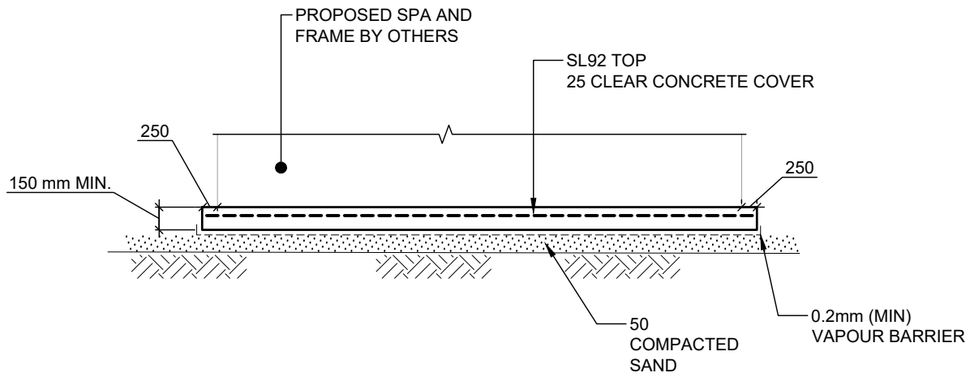
WARNING
BEWARE OF UNDERGROUND SERVICES THE BUILDER IS TO DETERMINE EXACT LOCATIONS OF EXISTING UNDERGROUND SERVICES PRIOR ANY CONSTRUCTION ON SITE.

IMPORTANT NOTE:
SOIL REPORT HAS NOT BEEN PROVIDED AT THE TIME OF THIS DESIGN.

FOOTINGS MAY REQUIRE ADDITIONAL DEEPENING TO BE FOUNDED IN NATURAL SOIL WITH INDICATED MIN BEARING CAPACITY. TO BE CONFIRMED BY THE BUILDER PRIOR TO CONSTRUCTION.

NOTE:
- WATERPROOFING DESIGN AND MAINTENANCE REQUIREMENTS BY OTHERS.
- WATER TIGHTNESS BETWEEN THE POOL AND CONCRETE SLAB BY OTHERS.





SECTION A/S101
SCALE N.T.S

NOTES:
- THE SLAB DESIGN IS BASED ON THE STEEL POOL DESIGN OUTLINED IN DWG. NO. 200848 BY D&M CONSULTING DATED 16.11.2020
- THIS GENERIC SLAB DESIGN IS ONLY FOR OUTBACK PLUNGE POOL MODELS OF MAXIMUM 3500 DIAMETER.
- FOR SPA MODELS EXCEEDING THESE DIMENSIONS CONTACT THIS OFFICE FOR GUIDANCE
- SLAB DESIGN BASED ON POINT LOAD TRANSFERAL FROM PORTABLE SPA AT FULL CAPACITY.
- SLAB TO BE FOUNDED ON SOIL WITH A MINIMUM ALLOWABLE BEARING CAPACITY OF 75 kPa AND A MINIMUM 2% CBR SUBGRADE. THIS OFFICE TO BE CONTACTED IF DIFFERS.
- TREE EFFECTS, PROXIMITY OF ASSETS, ABNORMAL MOISTURE CONDITIONS, UNCONTROLLED FILL & AGGRESSIVE SOIL TYPES HAVE NOT BEEN TAKEN INTO CONSIDERATION. THIS OFFICE TO BE CONTACTED FOR SITE SPECIFIC DESIGN IF THESE CONDITIONS EXIST OR SITE IS CLASSIFIED 'P'
- SWIMMING POOL AND SPA SAFETY TO FOLLOW THE GUIDELINES OF PN-05-2018 PUBLISHED BY VBA.

REV	STATUS	DESIGNED	CHECKED	DATE
A	FOR CONSTRUCTION	F.N.	F.M.	08.09.2023

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TITLE: SLAB & FOOTING PLAN

PROJECT ADDRESS: OUTBACK PLUNGE POOL GENERIC SLAB

JOB No: 2308222
CLIENT: OUTBACK PLUNGE POOLS
SCALE: N.T.S

DESIGNED: F.N.
CHECKED: A.S.
APPROVED: F.M.

DWG No: S101
REVISION: A

FOR CONSTRUCTION