

PROPOSED SWIMMING POOL

13 FRIENDSHIP PLACE, BEACON HILL, NSW 2100

DRAWING LIST -

SHEET:	TITLE:
H250_SP_00	COVER SHEET
H250_SP_01	SITE PLAN - EXISTING ARRANGEMENT
H250_SP_02	SITE PLAN - PROPOSED ARRANGEMENT
H250_SP_03	DETAILED PLAN - PROPOSED POOL

EXTERNAL CONSULTANT POOL PLANS -

PRODUCED BY: THE LITTLE POOL CO. / RICKARD ENGINEERING

SHEET:	TITLE:
TLPC 321-C	REFRESH 6m STANDARD (WITH TOP ENTRY SKIMMER)
TLPC 02-A	GENERAL NOTES





CIVIL, STRUCTURAL, HYDRAULIC, ELECTRICAL AND SPECIALIST WATER FEATURE WORKS :
Refer to specialist and consultant's drawings for all information contained within these documents relating to and nominated as specialist and consultant work. Specialist and consultant drawing information contained in the landscape documents are indicative only and not for construction or certification purposes.

Issue	Code	Issue Description	By	Chk	Date
A	CA	FOR APPROVAL	NZ	GT	04.06.25

PRE - Preliminary CA - Council Approval T - Tender CON - Construction

PROPOSED SWIMMING POOL
13 FRIENDSHIP PLACE,
BEACON HILL

SITE PLAN EXISTING ARRANGEMENT

TRENT LANGLEY

Drawn : NZ
 Designed : NZ
 Project No. : H250
 Bar Scale

1:100 @ A1 / 1:200 @ A3
 SHEET NUMBER
 H250_SP_01

REVISION
 A



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PROJECT


PROPOSED SWIMMING POOL
13 FRIENDSHIP PLACE,
BEACON HILL

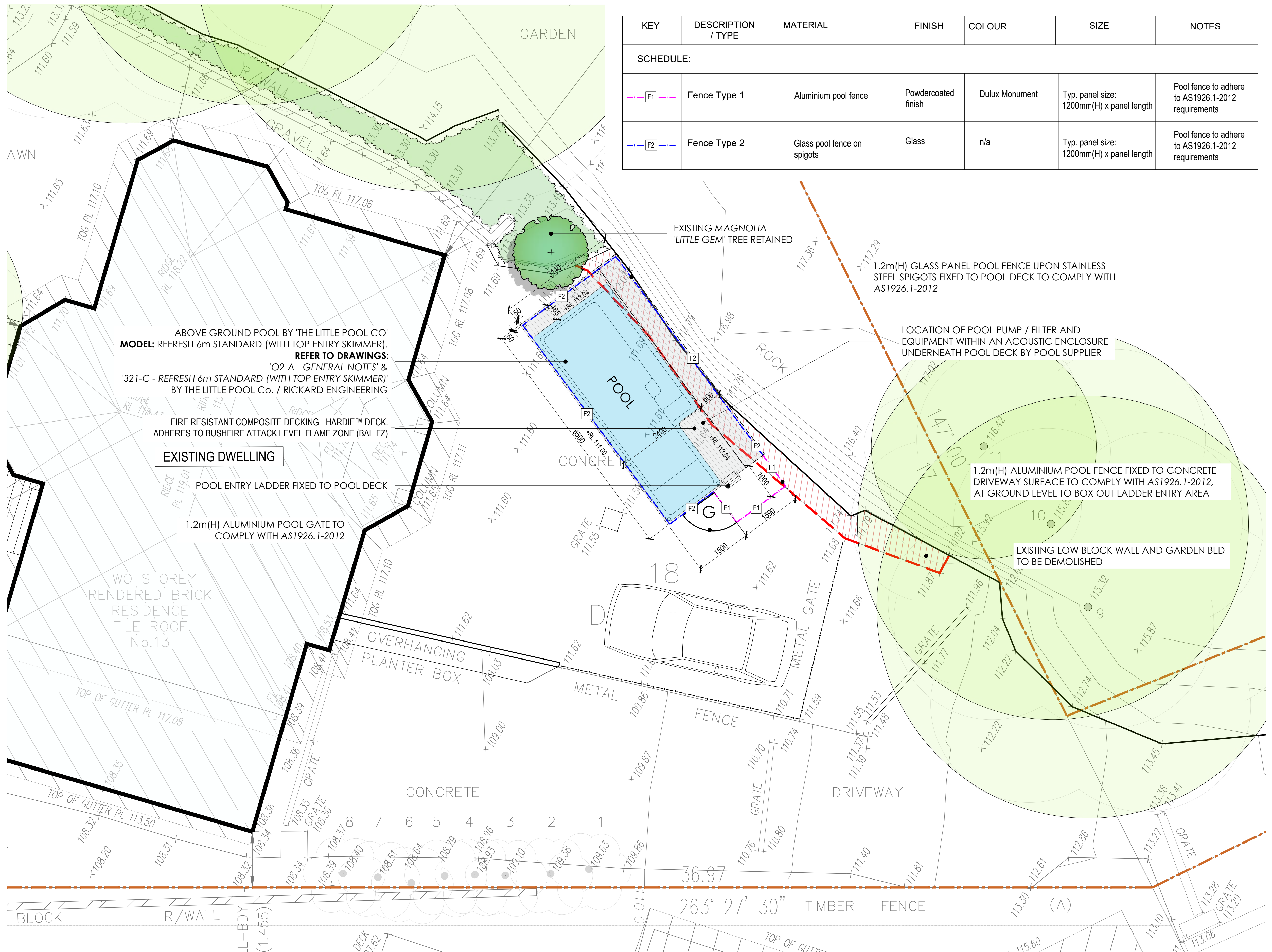
DRAWING TITLE

SITE PLAN
PROPOSED ARRANGEMENT

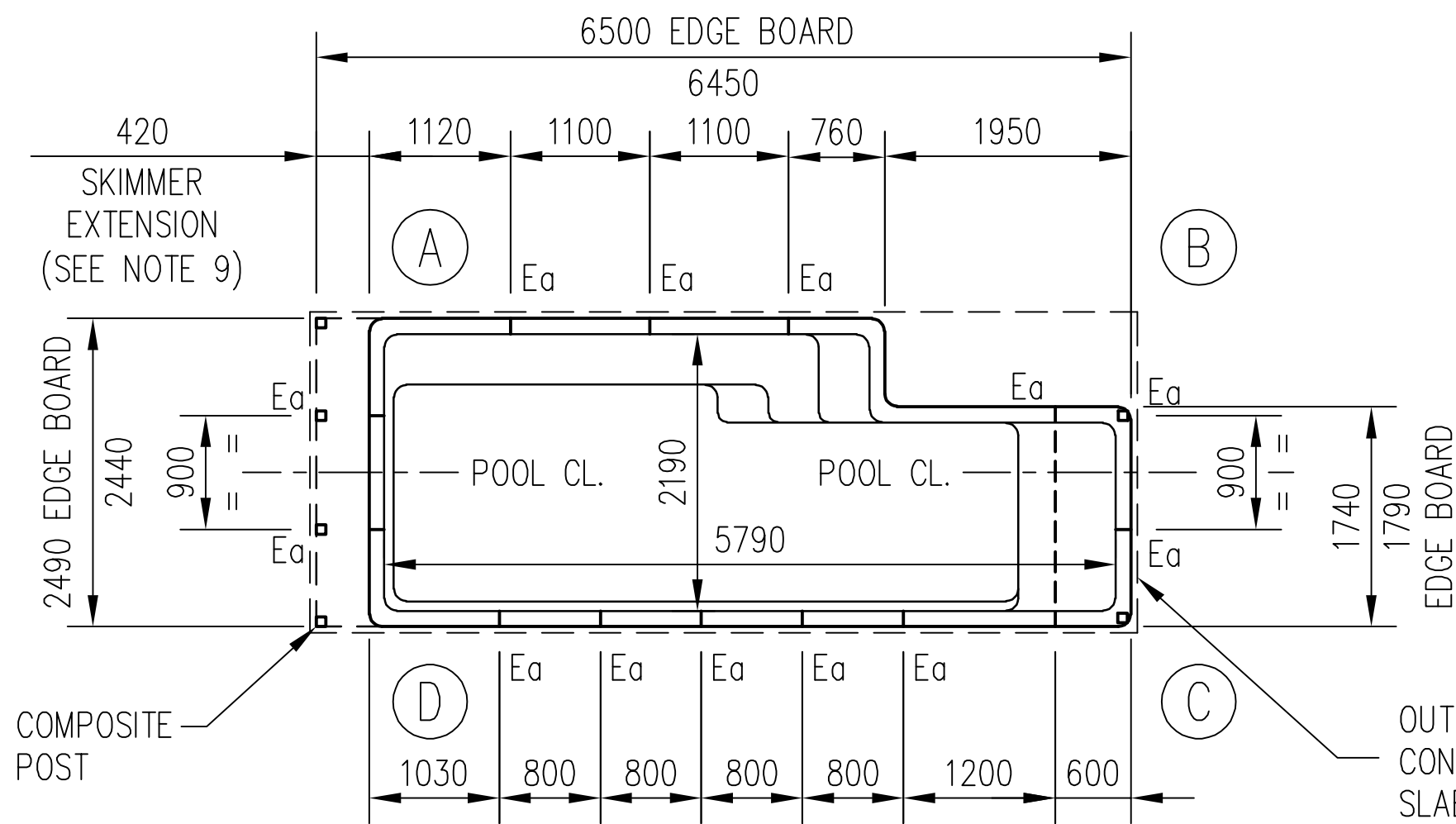
CLIENT

TRENT LANGLEY

Drawn : NZ
 Designed : NZ
 Project No. : H250
 Bar Scale

 1:100 @ A1 / 1:200 @ A3
 SHEET NUMBER
 H250_SP_02
 REVISION
 A



KEY	DESCRIPTION / TYPE	MATERIAL	FINISH	COLOUR	SIZE	NOTES
SCHEDULE:						
	Fence Type 1	Aluminium pool fence	Powdercoated finish	Dulux Monument	Typ. panel size: 1200mm(H) x panel length	Pool fence to adhere to AS1926.1-2012 requirements
	Fence Type 2	Glass pool fence on spigots	Glass	n/a	Typ. panel size: 1200mm(H) x panel length	Pool fence to adhere to AS1926.1-2012 requirements



NOMINAL LENGTH = 5790mm
NOMINAL WIDTH = 2190mm

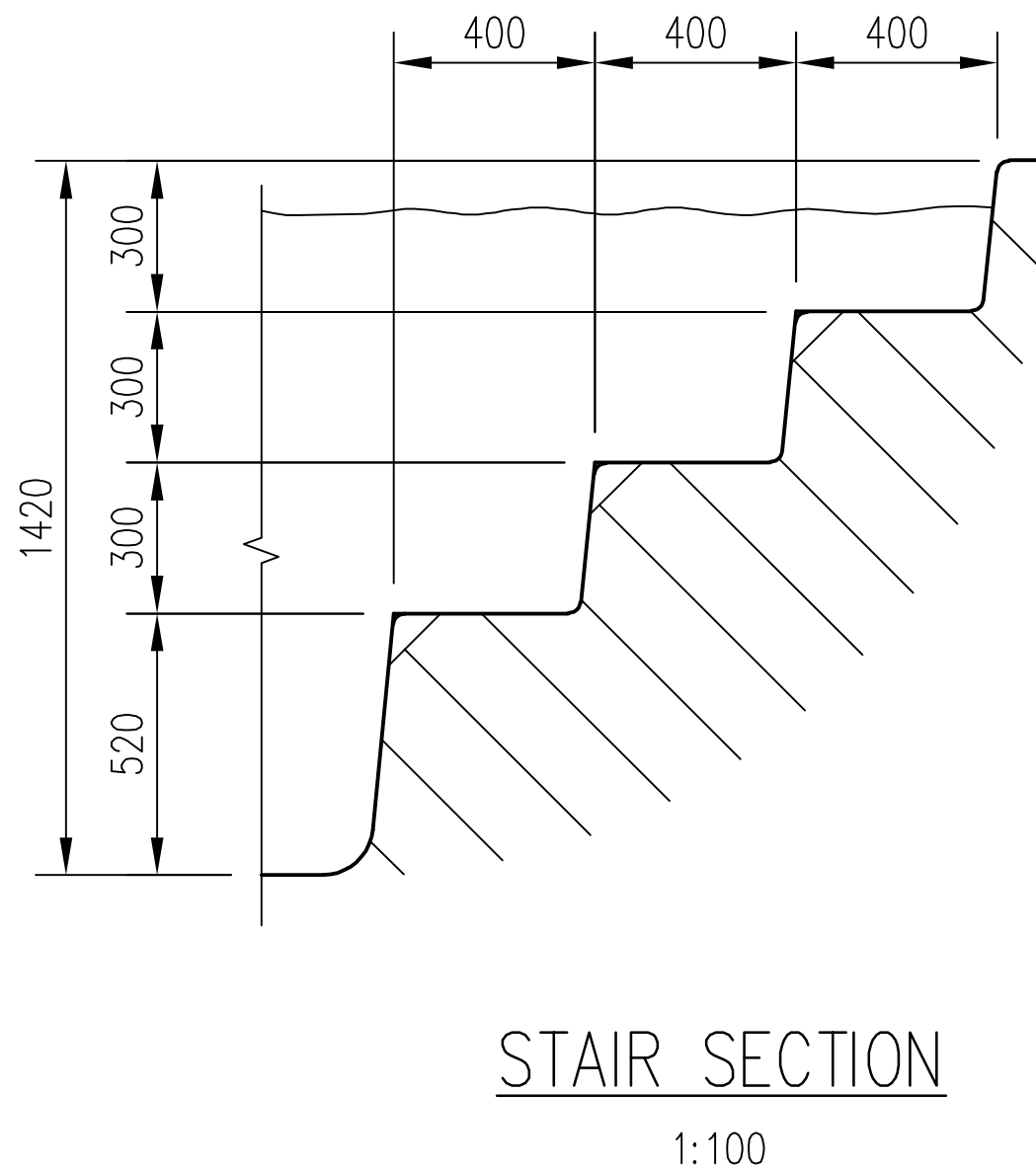
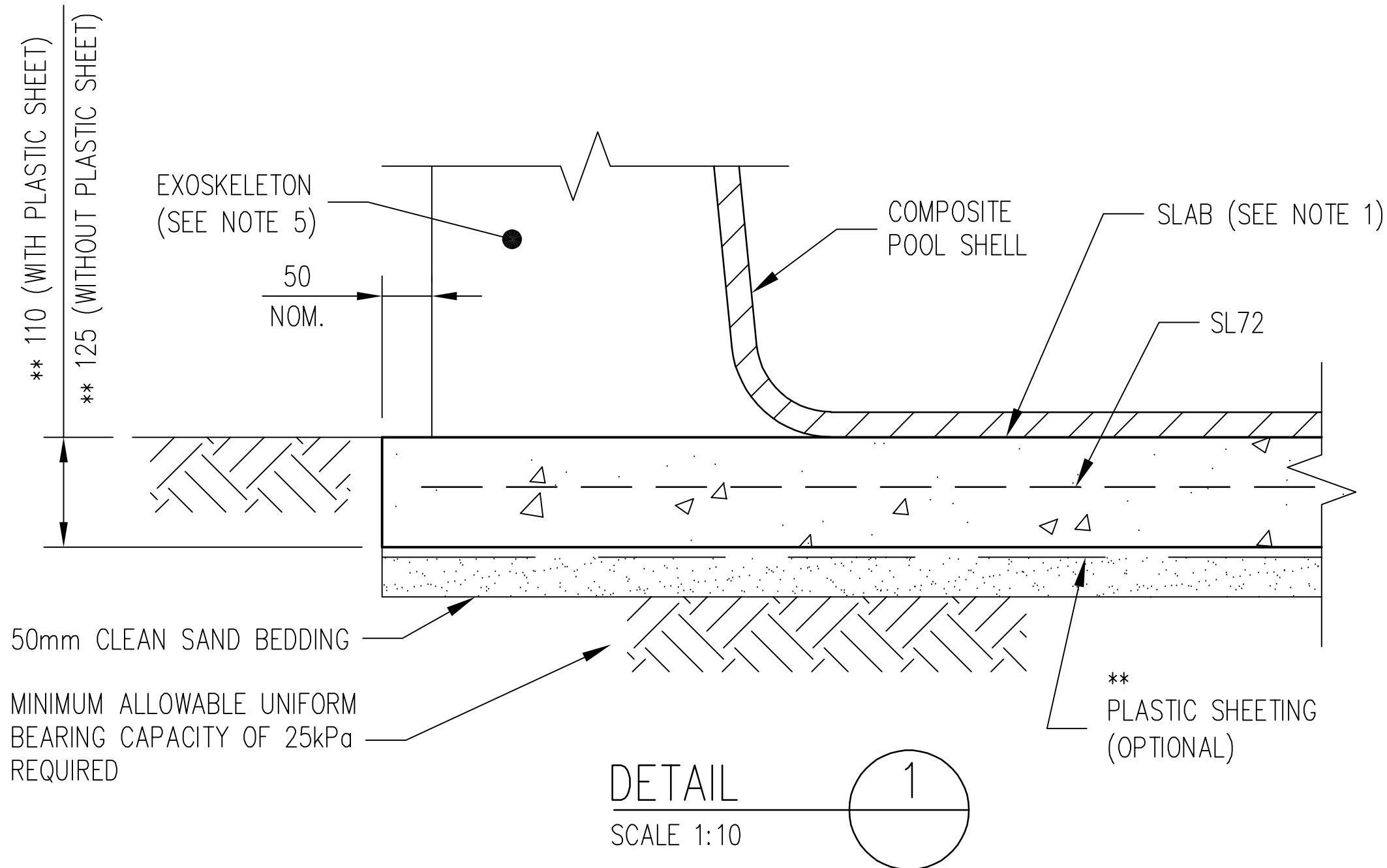
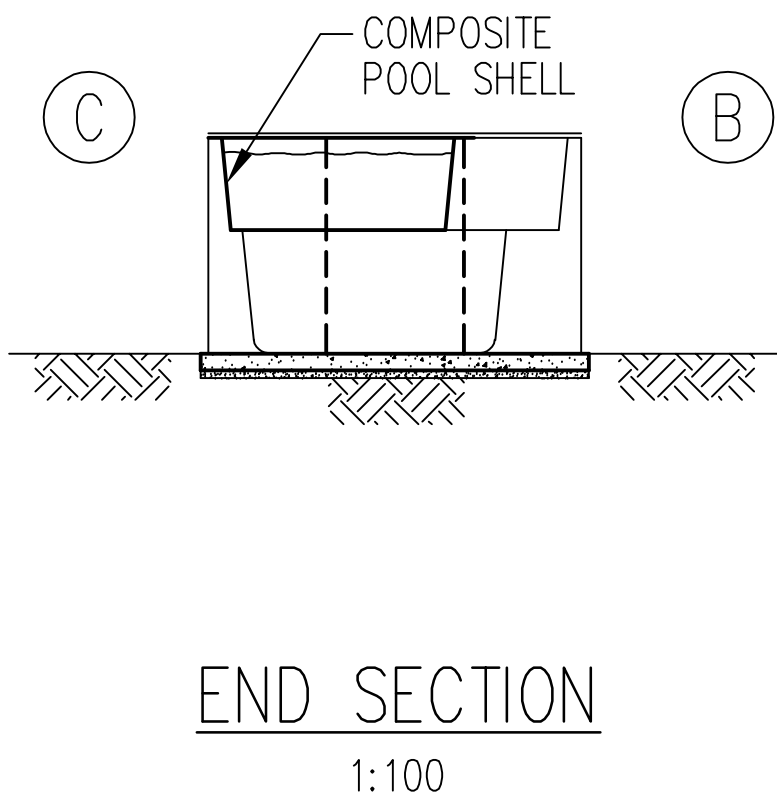
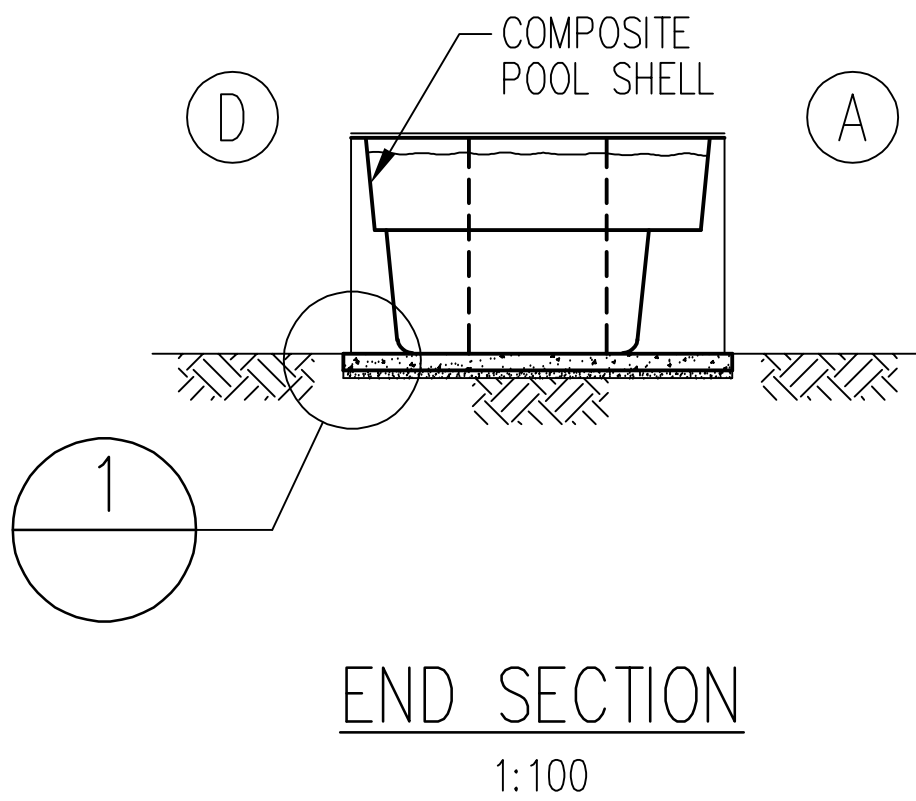
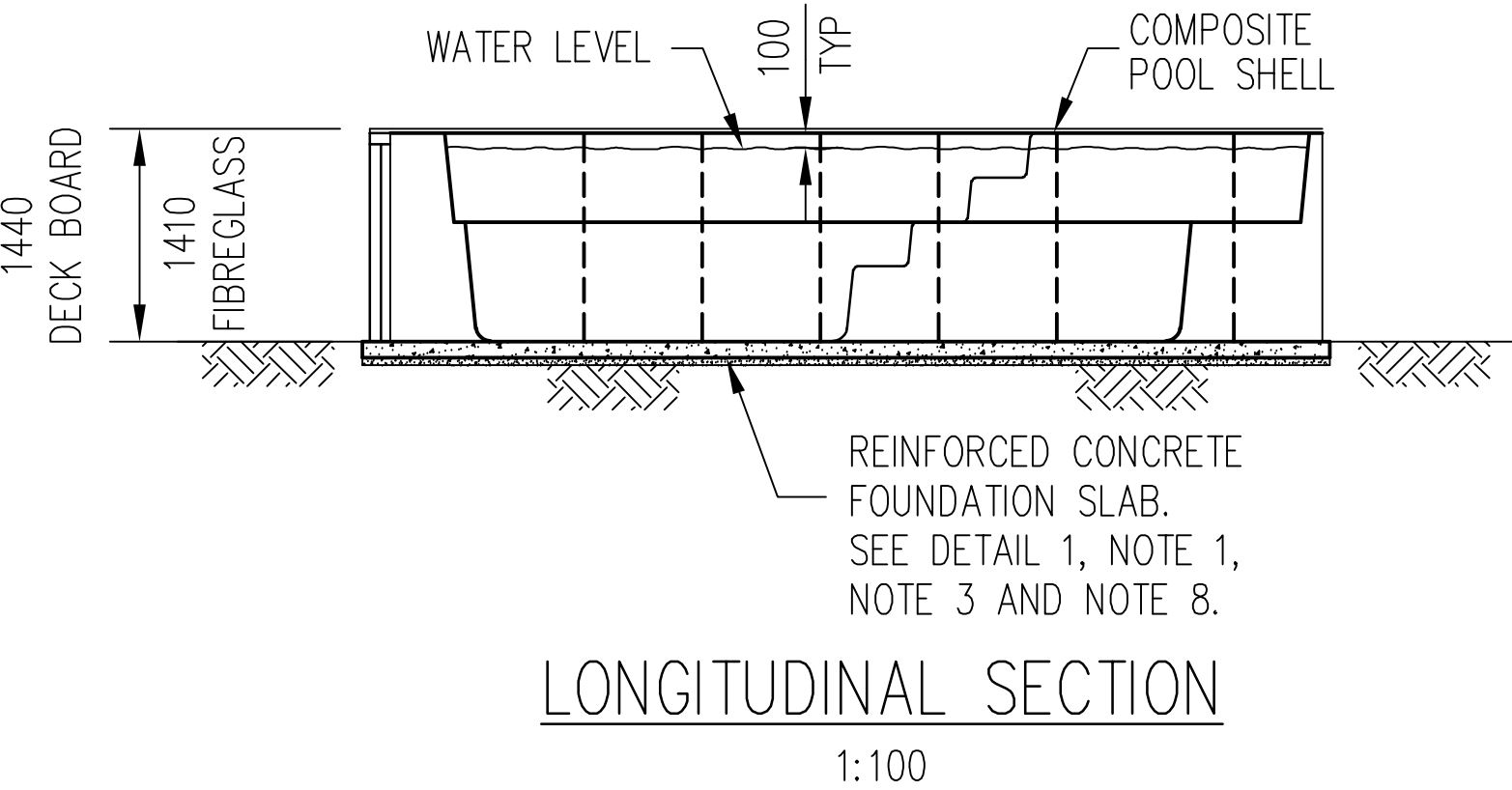
MINOR VARIATIONS TO LENGTH AND WIDTH WILL OCCUR WITH SPECIFIC INSTALLATION.

FINISHED DIMENSIONS
LENGTH ≈ 6500mm
WIDTH ≈ 2490mm
HEIGHT ≈ 1440mm

OVERALL HEIGHT, WIDTH AND LENGTH DIMENSIONS ARE BASED ON THE INCLUSION OF THE STANDARD ECODECK (OR SIMILAR) COPING BOARDS. IF CLIENT INSTALLS A DIFFERENT COPING BOARD, THEN FINISHED DIMENSIONS INDICATED (INCLUDING FINISHED HEIGHT) MAY VARY.

FOUNDATION SLAB
LENGTH ≈ 6600mm
WIDTH ≈ 2590mm

1. SLAB ENGINEERING Refer to The Little Pool Co. drawing 401, which outlines the standard slab engineering for flat sites.
2. GENERAL Design and installation to be in accordance with current AS1838 & AS1839, all relevant statutory by-laws, regulations and for site conditions existing or planned at the time of construction and noted on the specific site plan.
3. FOUNDATION The pool foundation shall be a reinforced concrete slab, as shown in Detail 1, or other suitable foundation as approved by Rickard Engineering. The foundation material under the slab is to be uniform and capable of providing a working bearing capacity of 25kPa. Site classification suitable from 'S - H2'. All reinforced concrete works to comply with AS 3600.
0-1 km from coastline: F'c = 40 MPa 50mm cover max slump = 80mm
1-50 km from coastline: F'c = 32 MPa 50mm cover max slump = 80mm
Over 50 km from coastline: F'c = 25 MPa 50mm cover max slump = 80mm
4. COPINGS Fibreglass coping to be covered in tile, paver, timber or other.
5. LAYUP AND EXOSKELETON Details available on specific request from The Little Pool Co.
6. CLADDING Optional (not shown). Refer to The Little Pool Co. for details.
7. DECK CONNECTION Refer to drawings 403 and 404 for typical deck connection details..
8. TOLERANCE A) SLAB Allowable tolerance within the finished surface level of the slab is required to be within ±5mm.
B) POOL COPING Refer to the following clauses in AS1839 for installation tolerances:
 - 6.1 nominates installation tolerances for the shape of the pool.
 - 6.5 for tolerance for the finished height of the pool.
 - 6.6 for tolerances of levelness of the pool.Note: Long-term or seasonal movement due to reactive clay is not considered to be an installation deviation and will vary depending on the level of reactivity but is acceptable unless it compromises the structural integrity of the pool.
C) POOL SURROUND The proposed pool surround shall be constructed in accordance with the tolerance note within AS1839.
9. SKIMMER OPTIONS Skimmer extension dimensions indicated are based on a pool skimmer with a top-entry lid and a larger leaf basket. For other skimmer options, with reduced skimmer extension dimensions, contact The Little Pool Co.
10. SITE ISSUES For sites with slope stability, bearing or zones of influence issues, refer to The Little Pool Co. drawing 402.
11. IN GROUND For pools installed up to 700mm into the ground refer to The Little Pool Co. drawing 405.
12. ROOF INSTALLATION For Little Pool installations on roof tops, or multi storey buildings, special consideration needs to be given to the following:
1. Earthquake 2. Acoustics 3. Slab deflections 4. Durability of structural materials 5. Safety
For further advice to ensure compliance with The Little Pool Co. design, contact Rickard Engineering.



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THE LITTLE POOL co.

INSTANT POOLS • TIMELESS STYLE

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Ph: 1300 223 677
Email: info@littlepools.com.au

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ACN 086 874 222

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ENGINEERING

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STRUCTURAL DETAILS APPROVED BY CE RICKARD, M.Sc, FIStruct.E, FIE(Aust), MIPENZ
QLD: RPEQ 2485 VIC: PE0003927 NSW: NPER 73285 NZ: PSA3584

REFRESH 6m
STANDARD (WITH TOP ENTRY SKIMMER)

[Signature]

Designed CER
Drawn NT

321C

CLIENT: _____

ADDRESS: _____

Date _____

Approved _____

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General

The Little Pool Co. provides a one piece self-supporting fiberglass pool which is sprayed over a mould and then strengthened with GRP exoskeleton. The exoskeleton and pool shell are connected together with stainless steel bolts together with adhesive. The Little Pool Co provides a range of pools which the 300 series drawings cover the installation Engineering requirements. When installed in accordance with Little Pool Co installation engineering drawings, the pools comply with applicable requirements of the following codes:

- AS 1839 (2021)
- AS 1838 (2021)

The Little Pool Co's pools come with the following additions to the standard pool:

- Fiberglass extensions for pool covers (drawing 320)
- Piered slab for sloping sites, bearing issues and sewers (drawing 402)
- Timber deck design together with connection to exoskeleton (drawing 403 and 404)
- Steel deck design together with connection to exoskeleton (drawing 409 and 404)
- Requirements for in ground installation up to 600mm (drawing 405)
- Balustrade fixing detail to pool exoskeleton (drawing 407)
- Requirements for tiled finishes (drawing 408)
- Requirements for installation on a paver base on ground (drawing 411)
- Requirements for installation on a paver base in ground up to 600mm (drawing 415)

Note: The Little Pool Co. standard engineering drawings 00, 1300, and 1400 series can only be used for residential projects. For commercial projects, a registered design engineer with the appropriate experience needs to be engaged to ensure the Little Pool Co. pool meets the requirements of the site. Little Pool Co holds no responsibility for the use of their pools on commercial projects unless a site specific design is provided by a registered design professional prior to the purchase of the product.

Planning and Design:

- It is important that all pool installations are approved by the relevant authority.
- All planning documentation needs to comply with applicable requirements of the codes noted above, together with all Little Pool Co engineering requirements.
- The ground conditions must be investigated to ensure the proposed installation method is appropriate for the site, this investigation should be provided to the pool owner.
- A registered design professional with the appropriate qualifications needs to confirm that the ground conditions meet the requirements outlined within the Little Pool Co standard engineering.
- A registered/licensed contractor must be engaged to complete structural building works related to the pool installation.
- If the site is not deemed to suit the standard engineering by a registered design professional or registered/ licensed contractor, then site specific design solution needs to be completed prior to commencement of construction works. The design solution needs to comply with the requirements outlined within the Little Pool Co standard engineering.
- If you have not been provided with the 400 series drawing set, contact your local agent prior to finalising your planning and design. Refer to The Little Pool Co. Drawing Register 01 for information.

Installation Methods

On Ground:

The Little Pool Co. requirements for pools installed on ground are covered in 300 series drawings, together with drawing 401 or 411. The pool requires a slab or paver base under it which is bearing onto uniform ground, which achieves at least 25kPa. The finished surface level of the slab under the pool is required to be within ± 5mm. For sites with poor ground conditions, slope stability issues or zones of influence, the pool can be supported on top of a piered slab. The requirements of the piered slab can be found in drawing 402. It is the pool owners and/or builders' responsibility to ensure that the site conditions are investigated but a suitable qualified engineer. If additional engineering is required to provide a uniform supporting base for the pool, then a suitable qualified engineering needs to be consulted.

In Ground:

The Little Pool Co. allows pools to be installed within the ground up to 600mm. The standard engineering for this type of installation is covered in drawing 405 (installed on a slab) or drawing 415 (installed on pavers).

Above Ground:

The Pools can also be installed on platforms above the ground, the requirements for this type of install is covered on drawing 406. The critical point to remember is that for all platforms supporting a little pool, the maximum deflection allowed is span/500. Additional to this is the finished surface level of the platform needs to be within ± 5mm. Site specific certification is to be provided for all above ground installations by a suitably qualified engineer.

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GENERAL NOTES

Designed CER

Drawn NT

02A

THIS SHEET PROVIDES REFERENCE FOR ALL POOL DESIGNS
AND RELATED DETAILS OF THE LITTLE POOL CO. RANGE.
FURTHER INFORMATION IS AVAILABLE ONLY THROUGH SPECIFIC
WRITTEN APPROVAL FROM A DIRECTOR OF THE LITTLE POOL CO.