

NAPIER CITY COUNCIL

APPLICATION FOR BUILDING CONSENT &/OR PROJECT INFORMATION MEMORANDUM

Section 33 or section 45, Building Act 2004

CITY OF
NAPIER



THE OWNER	AGENT/CONTRACTOR
Name of owner: <u>CP & KA PRATT</u>	(required if application is being made on behalf of the owner)
Mailing address: <u>74 CHURCHILL DRIVE</u> <u>TARAPOLE</u>	Name of agent: <u>Rob Rawcliffe</u>
Daytime phone: <u>8441 877</u>	Mailing address: <u>33 McVay St</u> <u>Napier</u>
Cell phone:	Daytime phone: <u>835 9949</u>
Fax number:	Fax number:
Email address:	Cell phone number: <u>021 644 867</u>
	BC NUMBER: <u>30051559</u>

THE BUILDING	
Street address of building: <u>74 Churchill Drive</u>	<u>Napier</u> ✓
Legal description: <u>Lot 41 DP 17313</u>	✓
Valuation number: <u>1009015400</u>	<u>UPI 102936</u> ✓
Building name:	Number of levels/storeys: _____
Level/unit number:	
Current, lawfully established use: [include number of occupants per level and per use if more than 1]	
Year first constructed: _____	


BCAPP

CERTIFICATE OF TITLE	
CT Number: _____	
The Certificate of Title is to be current within three months of application	
Certificate Provided: ☐	Certificate Not Required: ☐ Certificate to be obtained on my behalf: ☒

PROJECT	
New building ☒	Alteration ☐ Relocation ☐ Demolition ☐
Intended life: Indefinite but not less than 50 years: ☒	Or specified as: _____ years
Area of proposed building work: <u>15 sqm</u>	m ²
Description of work: <u>Domestic Above ground Swimming Pool</u>	
Intended use(s) (in detail): _____	
Estimated value (include GST): \$ <u>7000</u>	
Do you intend to: Cross lease: ☐	Subdivide: ☐ Rental flats: ☐

APPLICATION

I request that you issue a: Building Consent: ☐ PIM: ☐ Building Consent and PIM: ☒

For the building work described in this application

Please note: 1) Work must not commence prior to the issue of the consent
2) Applications not finalised within one month of contact or issue of invoice may be cancelled.
3) A \$100 deposit is required on Application. Remaining fees are payable at time of uplifting the consent

Signature of Owner/Agent on behalf of and with the authority of the owner

Date

The information which you have provided in this application is placed on the building register which is available for public inspection at Council offices. As a useful service for the building community, the Council provides monthly lists of this information. Tradespeople and manufacturers often use the lists to offer products or services available at the time of construction. They also provide important analysis of market trends and indicators to industry. The information from the building register is required to be supplied by the Council under the Building Act and Local Government Official Information and Meetings Act.

NOTE: You are advised to contact the relevant Electric Power Company and Gas Company for any requirements that either utility may have for your intended project.

MAIN CONTRACTORS

Designer:

R & J Lawcliffe Ltd

Builder:

"

Plumber:

Drainlayer:

Gasfitter:

Electrician:

Other:

PROJECT INFORMATION MEMORANDUM

The following matters are involved in the project:

Subdivision

☐

Alterations to land contours

☐

New or altered connections to public utilities

☐

New or altered locations and/or external dimensions of buildings

☐

New or altered access for vehicles

☐

Building work over or adjacent of any road or public place

☐

Disposal or stormwater and wastewater

☐

Building work over any existing drains or sewers or in close proximity to wells or water mains

☐

Other matters known to the applicant that may require authorisations from the territorial authority*

☐

*Specify:

BUILDING CONSENT

The building work will comply with the building code as follows:

☐ HB New Zealand Building Code Handbook

☐ F7 Warning systems

☐ B1 Structure

☐ F8 Signs

☐ B2 Durability

☐ G1 Personal hygiene

☐ C1 Outbreak of fire

☐ G2 Laundering

☐ C2 Means of escape

☐ G3 Food preparation and prevention of contamination

☐ C3 Spread of fire

☐ G4 Ventilation

☐ C4 Structural stability during the fire

☐ G5 Interior environment

☐ D1 Access routes

☐ G6 Airborne and impact sound

☐ D2 Mechanical installations for access

☐ G7 Natural light

☐ E1 Surface water

☐ G8 Artificial light

☐ E2 External moisture

☐ G9 Electricity

continued...

- | | |
|--|---|
| ☐ E3 Internal moisture | ☐ G10 Piped services |
| ☐ F1 Hazardous agents on site | ☐ G11 Gas as an energy source |
| ☐ F2 Hazardous building materials | ☐ G12 Water supplies |
| ☐ F3 Hazardous substances and processes | ☒ G13 Foul water |
| ☐ F4 Safety from falling | ☐ G14 Industrial liquid waste |
| ☐ F5 Construction and demolition hazards | ☐ G15 Solid waste |
| ☐ F6 Lighting for emergency | ☐ H1 Energy efficiency |

COMPLIANCE SCHEDULE

The following specified systems are being altered, added to, or removed in the course of the building work:

- | | |
|---|--|
| ☐ CS1 Automatic sprinkler systems | ☐ CS8/3 Escalators and moving walks |
| ☐ CS2 Automatic fire doors | ☐ CS9 Mechanical ventilation and air conditioning systems |
| ☐ CS3 Emergency warning systems | ☐ CS10 Other mechanical, electrical, hydraulic or electronic systems |
| ☐ CS4 Emergency lighting systems | ☐ CS11 Building maintenance units |
| ☐ CS5 Escape route pressurisation systems | ☐ CS12 Signs |
| ☐ CS6 Riser mains | ☐ CS13 Means of escape |
| ☐ CS7 Automatic backflow preventers | ☐ CS14 Safety barriers |
| ☐ CS8/1 Passenger carrying lifts | ☐ CS15 Access and facilities for people with disabilities |
| ☐ CS8/2 Service lifts | ☐ CS16 Fire hose reels |
| ☐ No specified systems in the building | [specified systems are defined in regulations] |

BUILDING DETAILS CHECKLIST

- | | |
|---|-------------------------------------|
| a) Two copies of building plans and specifications, showing all necessary plans, elevations, cross sections and details. | ☒ |
| b) Two copies of the site plan showing dimensions of the proposed building from boundaries of the site and easements within the site. The preferred scale is 1:200. | ☒ |
| c) Two copies of subfloor bracing design and calculation. Detail all pile types and fixings. | ☐ |
| d) Two copies of wall bracing design and calculations. Detail fixing of wall bracing elements. | ☐ |
| e) Two copies of truss layout and one copy of the design certificate. | ☐ |
| f) Two copies of all fire and egress details, full specification of fire wall construction, fire doors and windows etc | ☐ |
| g) Two copies of engineering calculations and drawings. A design certificate could reduce processing time. | ☐ |
| h) One copy of any supervision advice, where supervision is necessary. A report will be required after the engineer has finished his supervision. | ☐ |
| i) Two copies of ground test details and reports. | ☐ |
| j) One copy of the report of the ground nature and any steps to be taken to prevent a danger to the building from such things as falling debris. | ☐ |
| Note: Ground that does not have a ground bearing capacity of 100 kPa will require to have the foundations specifically designed | |
| k) One copy of a drainage block plan. Show boundary lines and outline of the building at a 1:200 scale. | ☐ |
| l) Two copies of all plumbing, drainage and stormwater details. | ☐ |
| m) Two copies of electrical details where required by the Building Act. | ☐ |
| n) Two copies of all mechanical services details i.e. sprinkler systems, lifts, air conditioning systems etc. | ☐ |
| o) Levels to be shown to establish site drainage. | ☐ |
| p) Details of backflow prevention. | ☐ |
| q) One copy of all test results i.e. percolation tests. | ☐ |

FEES, CHARGES, DEPOSITS

OFFICE USE ONLY

APPLICATION RECEIPT NUMBER:

386801

Date:

11/10/05

FINAL RECEIPT NUMBER:

397326

Date:

12/12/05

FEE	AMOUNT
Administration	\$ 160.00
Plan Check	\$ 66.00
BRANZ Levy	\$
DBH Levy	\$
Inspections	\$ 55.00
Compliance Schedule	\$
Water Connection	\$
Water Meter & Box	\$
Bay View Water Capital Contribution	\$
Sewer Connection	\$
Stormwater Connection	\$
Vehicle Crossing Bond	\$ -
Street Damage Deposit	\$ -
Microfiche Charge	\$ 10.00
Dev Control Engineer	\$
Planning Check	\$ 33.00
Resource Consent Fee	\$
Financial Contribution Infill Housing	\$

FEE	AMOUNT
Reserves Contribution Commercial/ Industrial	\$
Financial Contribution Infill Non Standard	\$
Water Capital Contribution	\$
Sewer Capital Contribution	\$
Stormwater Capital Contribution	\$
Reserves Contribution Rural/Bay View	\$
Copy Title Fee	\$ 25.00
Peer Review	\$
Section 73 Certificate	\$
Backflow Preventer	\$
Water Disconnection	\$
Stormwater Disconnection	\$
Sewer Disconnection	\$
Services Engineer	\$ 26.00
Roading Engineer	\$ -
Development Contribution	\$
Well Sealing	\$

Total \$ 375.00

Less Deposit Paid \$ 100.00

TOTAL AMOUNT DUE \$ 275.00



**COMPUTER FREEHOLD REGISTER
UNDER LAND TRANSFER ACT 1952**

Search Copy



R.W. Muir
Registrar-General
of Land

Identifier **HBK1/381**
Land Registration District **Hawkes Bay**
Date Issued 04 February 1983

Prior References
HBJ4/904

Estate Fee Simple
Area 1147 square metres more or less
Legal Description Lot 41 Deposited Plan 17313

Proprietors
Cayne Philip Pratt and Kathleen Ana Pratt

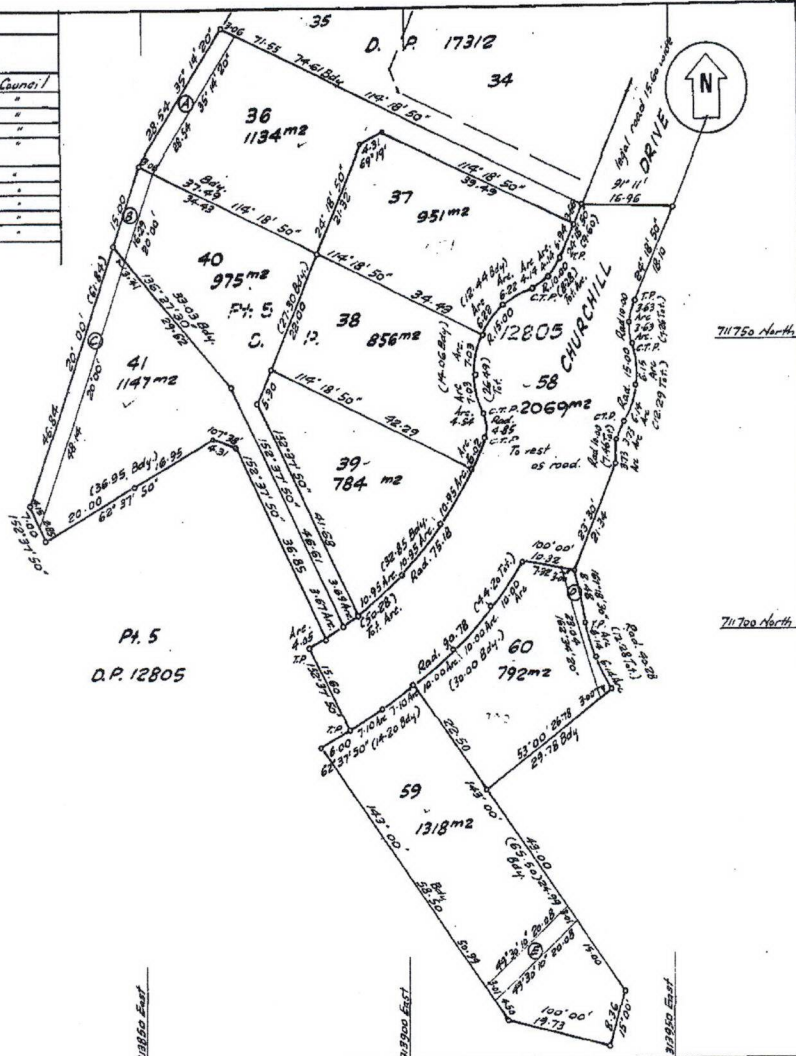
Interests

Subject to a right (in gross) to drain sewage and stormwater over part in favour of The Napier City Council created by Transfer 416592.11 - 4.2.1983 at 11.30 am

The easements created by Transfer 416592.11 are subject to Section 309 (1) (a) Local Government Act 1974

6399024.3 Mortgage to Westpac Banking Corporation - 28.4.2005 at 9:00 am

Memorandum of Easements			
Purpose	Letter	Servient Tenement	Grantee
Right to drain sewage	(1)	Pt. Lot 36	Napier City Council
"	(2)	Pt. Lot 40	"
"	(3)	Pt. Lot 41	"
"	(4)	Pt. Lot 60	"
"	(5)	Pt. Lot 59	"
Right to drain stormwater	(1)	Pt. Lot 36	"
"	(2)	Pt. Lot 40	"
"	(3)	Pt. Lot 41	"
"	(4)	Pt. Lot 60	"
"	(5)	Pt. Lot 59	"



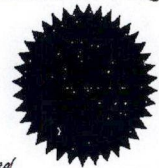
This plan is concurrent with
D.P. 17311 and 17312

LAND DISTRICT	HAWKE'S BAY	PLAN OF LOTS 36-41 & 58-60
SURVEY BLK. & DIST. VII	HERETAUNGA	FORMERLY Pt. LOT 5 D.P. 12805
NZMS	SHEET NO. 163	

LOCAL AUTHORITY **NAPIER CITY**
DAGG AND THORN
Surveyed by
Scale 1:500 Date Oct. 1982

Pursuant to a resolution of the Napier City Council passed on the 3rd day of December 1982 approving under Section 305 of the Local Government Act, 1974, this plan of subdivision and plan of the granting or reserving of the easements shown in the memorandum of easements endorsed hereon and certifying that the plan is in accordance with the requirements and provisions of the operative district scheme the common seal of the Napier City Council was affixed hereto in the presence of:

[Signature] Mayor
[Signature] Town Clerk



Approved
By Common Seal of Council

[Signature]
Surveyor

Regd. Owner
Coordinates and in terms of
Geodetic Datum 1949
"A" Hawke's Bay
700,000 metres N
300,000 metres E

Total Area 1.0026 Ha.

Comprised in P.C.F. 14-20-40

Kenneth Frank Thorn of Napier

Registered Surveyor and holder of an annual practising certificate hereby certify that this plan has been made from Surveys executed by me or under my direction; that both plan and Surveys are correct and have been made in accordance with the regulations under the Surveyors Act 1980

Dated at Napier this 11th day of October 1982 Signature *K.F. Thorn*

Field Book 1408 p. 6-17, Traverse Book 1408 p. 66-77

Reference Plans D.P. 12805

Examined *[Signature]* Correct

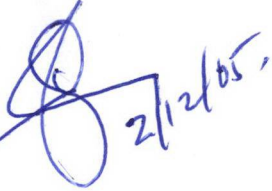
Approved as to Survey

11/1/1983 *[Signature]* Chief Surveyor

Deposited this 11th day of February 1983

[Signature] District Registrar

File
Received
Instructions


G Randle
Building Consent Officer

Reference BC051559 Pratt 74 Churchill Drive.

Further to the geotech report ex G Harrison the following is proposed –

- 1 Concrete nib will be added to cover foundation exposed when area prepared for pool.
- 2 Drainage to be provided on sides of pool to take any spillage from pool area to sloping garden area towards west of section.

Rob Rawcliffe
33 McVay St
Napier



C Pratt
74 Churchill Dr
Napier



GRAEME HARRISON
CONSULTANTS LTD.

Consulting Engineers
Structural & Civil

Deco Centre
163 Tennyson Street,
Telephone (06) 835-3352
Facsimile (06) 835-3306
Mobile: (027) 446 9943
E-mail: gdh.ghc@paradise.net.nz
Napier.

16 NOV 2005

08 November 2005

Mr R Rawcliffe
33 McVay Street
NAPIER

COPY

Dear Rob,

**Re: (A5069) SWIMMING POOL SITE
74 CHURCHILL DRIVE TARADALE**

We wish to report that we have now inspected the proposed pool site at the above address and carried out two scala penetrometer tests plus one hand auger borelog.

Analyses of the scala penetrometer test results shows firm materials increasing in strength with depth. The hand auger borelog shows increasing lightly cemented fine sand content with depth below the topsoil layer. Dark inclusions in the sand raise the possibility of the materials being compacted fill rather than original ground but we cannot be certain of this with the limited testing.

The site is generally level, falling off to the North West in a gentle slope to the neighbours property. A visual inspection of adjacent slopes shows no sign of any slippage.

For a pool water depth of 1200mm ground bearing pressure is 12 kPa. Allowable bearing from analyses exceeds 50 kPa at the prepared ground surface, increasing with depth. Also as the pool structure is flexible and not likely to be damaged by any ground settlement we are satisfied the bearing materials are suitable for the pool loading.

From our observations we are also of the opinion that slope stability for the gross pool load of approximately 18 tonnes will not be a problem. The pool is at least 2m back from the beginning of the gently sloping ground, and at least 10m back from the slightly steeper slopes below.

In our opinion the proposed site is suitable for the above ground pool specified. We would require the adjacent ground is protected from undue saturation from pool splash however, with suitable drainage installed. Also we note that the house basement foundation materials have been excavated hard up to the house line. These materials should be protected with a concrete strip to stop loss of foundation bearing. A pool base surround in concrete with channel drainage would be a suitable way to protect the bearing materials.

Please do not hesitate to phone for further clarification.

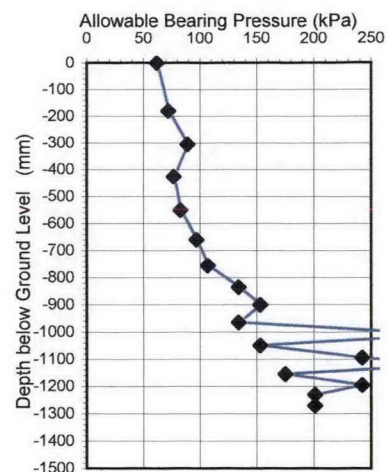
Yours sincerely

A handwritten signature in black ink, appearing to read 'G Harrison', with a long horizontal flourish extending to the right.

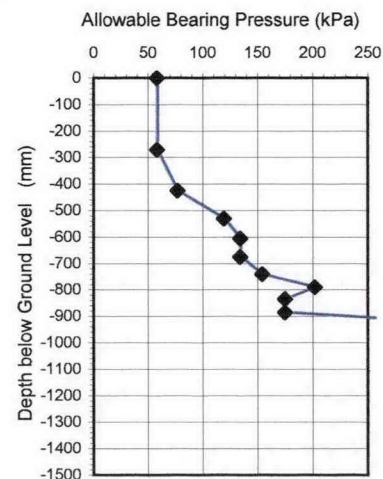
GRAEME HARRISON CONSULTANTS LTD

SCALA PENETROMETER TEST RESULTS

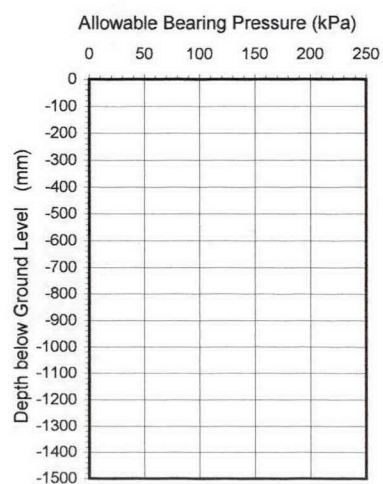
Depth (mm)	No. of blows	Penetration (mm/blow)	Indicated Allowable Bearing Pressure (kPa)
Test No: 1			
110	2	55	63
250	3	47	72
360	3	37	90
490	3	43	77
610	3	40	83
710	3	33	98
800	3	30	107
870	3	23	134
930	3	20	154
1000	3	23	134
1020	3	7	314
1080	3	20	154
1110	3	10	243
1130	3	7	314
1180	3	17	175
1210	3	10	243
1250	3	13	202
1290	3	13	202



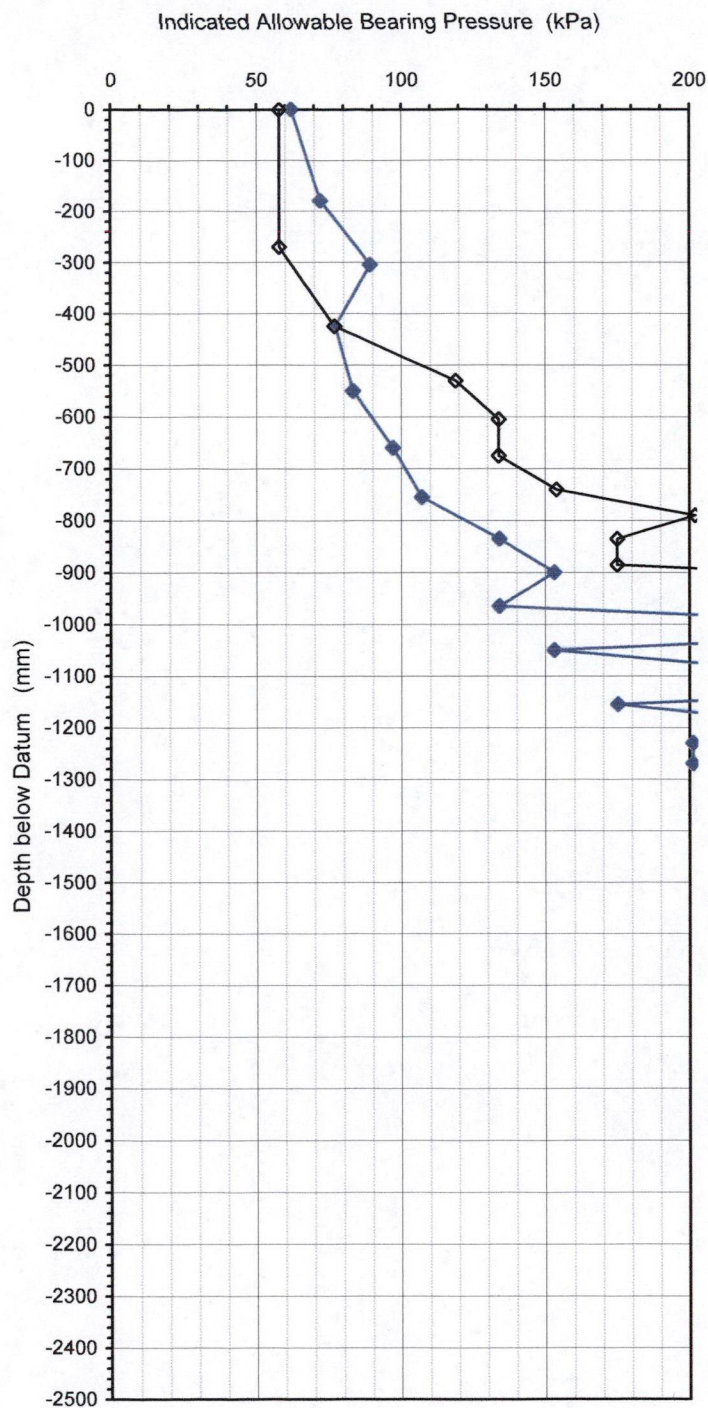
Test No: 2			
180	3	60	58
360	3	60	58
490	3	43	77
570	3	27	119
640	3	23	134
710	3	23	134
770	3	20	154
810	3	13	202
860	3	17	175
910	3	17	175
930	3	7	314
950	3	7	314
960	3	3	489



Test No:



SCALA PENETROMETER TEST RESULTS

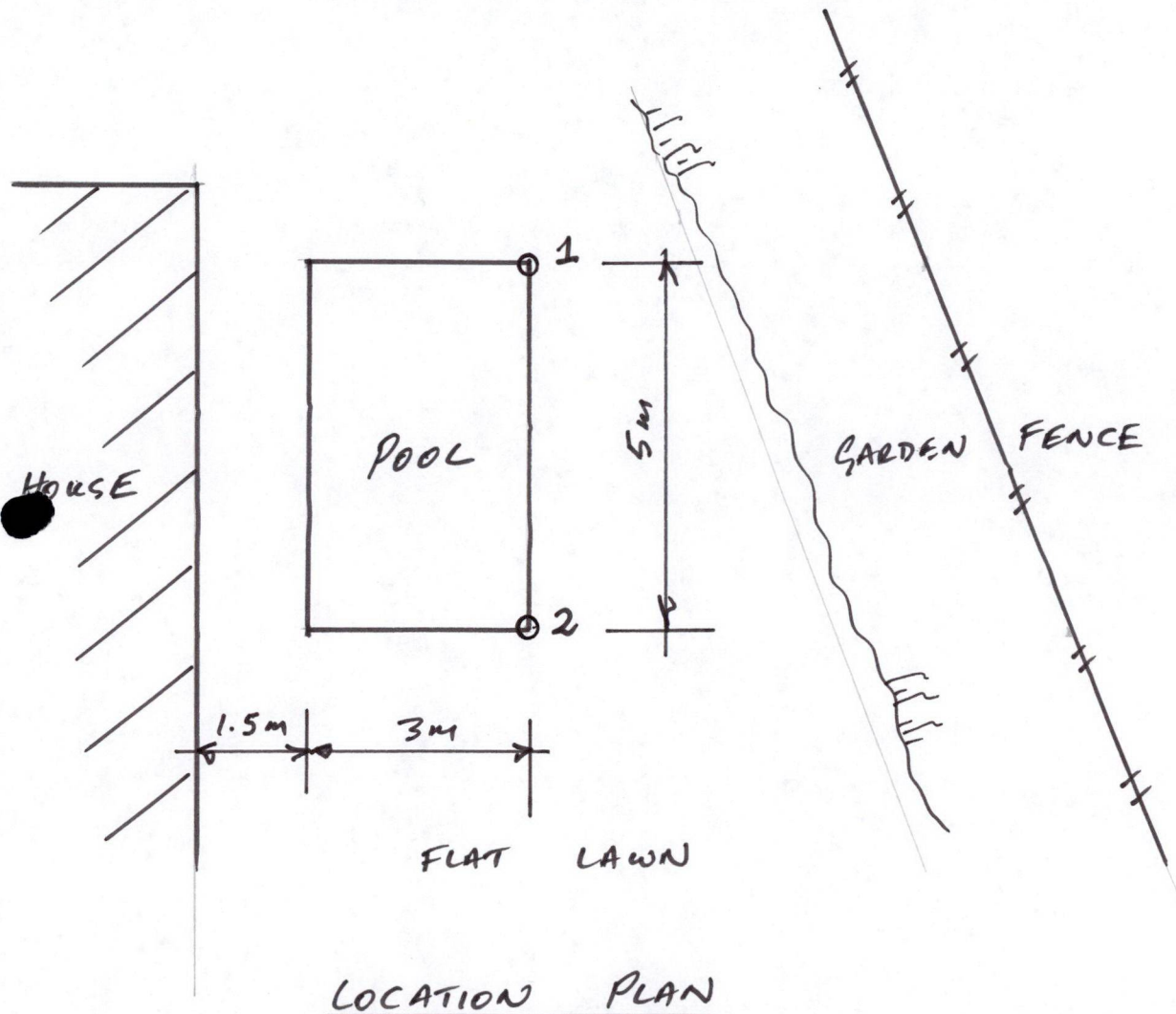


Depth to Ground Level
below Datum
(mm)

0
0
0
0

- Test No. 1
- Test No. 2
- Test No. 3
- Test No. 4
- Test No. 5
- Test No. 6

BORELOG 1		HAND AUGER			
DEPTH		MATERIAL			
0					
100					
200		BROWN TOPSOIL			
300					
400		TOPSOIL WITH FAWN COLOURED FINE SANDS			
500					
600					
700					
800		FAWN COLOURED LIGHTLY CEMENTED SANDS			
900		DARK INCLUSIONS			
1000					
1100					
1200		FAWN COLOURED LIGHTLY CEMENTED SANDS			
1300		DARK INCLUSIONS			
1400		FAWN COLOURED LIGHTLY CEMENTED SANDS			
1500		DARK INCLUSIONS			
1600					



Proposed pool C & K Pratt 74 Churchill Dr Napier

Pool is a Zodiac KD (knockdown) 5 x 3 mt pool with a capacity of 16000 lts.

Pool is erected on top of ground – can be taken up and down relatively easily.

- Filter to be a sand filter with waste going to gully trap as per plan.

Pool fencing to be Hurricane pool fencing and house wall.

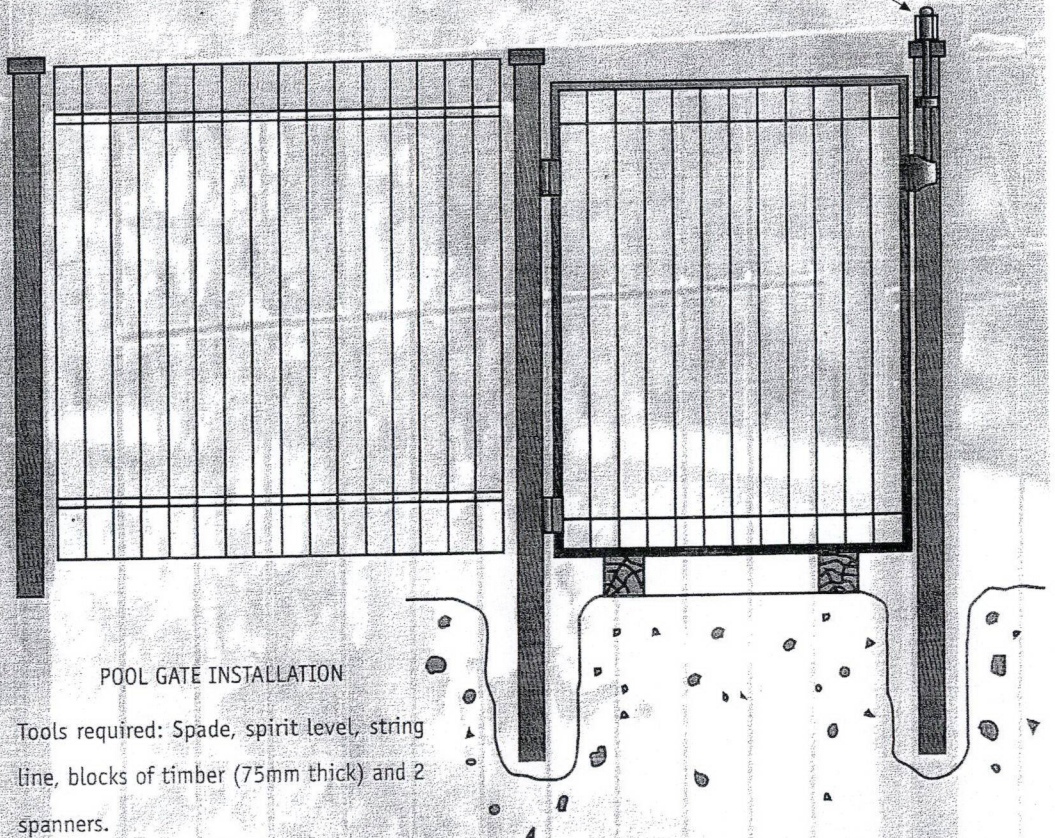
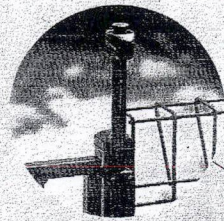
-

Help keep young children away from the dangers of an unguarded swimming pool with the H.W.P. Pool Safety Fence. Long, strong, vertical uprights do not provide a foothold. The open styling of the H.W.P. Pool Safety Fence allows the pool to be seen at all times, while the galvanised or powder coated finish blends with the pool surrounds. The fence, available in panel lengths of 2.4 metres nominal and heights of 1.2 metres, is compatible with most post materials but an attractive result is achieved with H.W.P.'s square tube posts.



Pool Fence

Pool gate latch showing child proof opening mechanism.



POOL GATE INSTALLATION

Tools required: Spade, spirit level, string line, blocks of timber (75mm thick) and 2 spanners.

1. Mark out gate post holes with a string line approximately 1100mm apart.
2. Dig holes approximately 600mm deep and 150mm to 200mm in diameter.
3. Position assembled gate into post holes. The maximum clearance allowed under the bottom rail of the gate is 100mm.
5. Stay gate. Once aligned with spirit level, concrete.
6. Attach hinges and latch after concrete has set.
7. Remove temporary locating lugs.

Overall Length
Overall Height
Vertical Wire
Horizontal Wire
Antiscale Gap
Support Post
Embedment Depth
General Notes

POOL PANEL

2410mm

1295mm

6.30 @ 75

6.30 @ 150

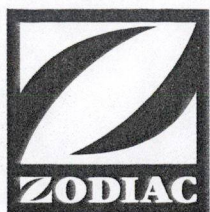
970mm

50 square

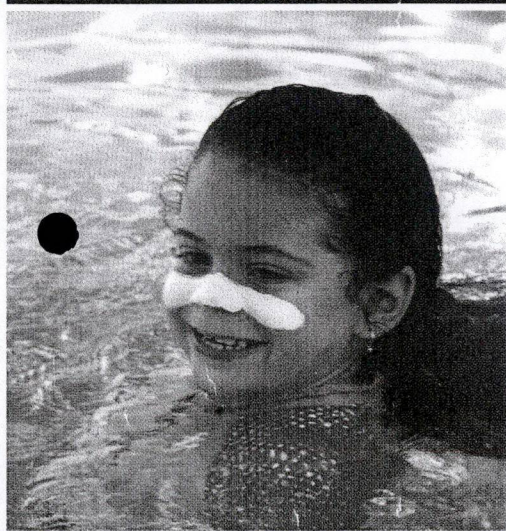
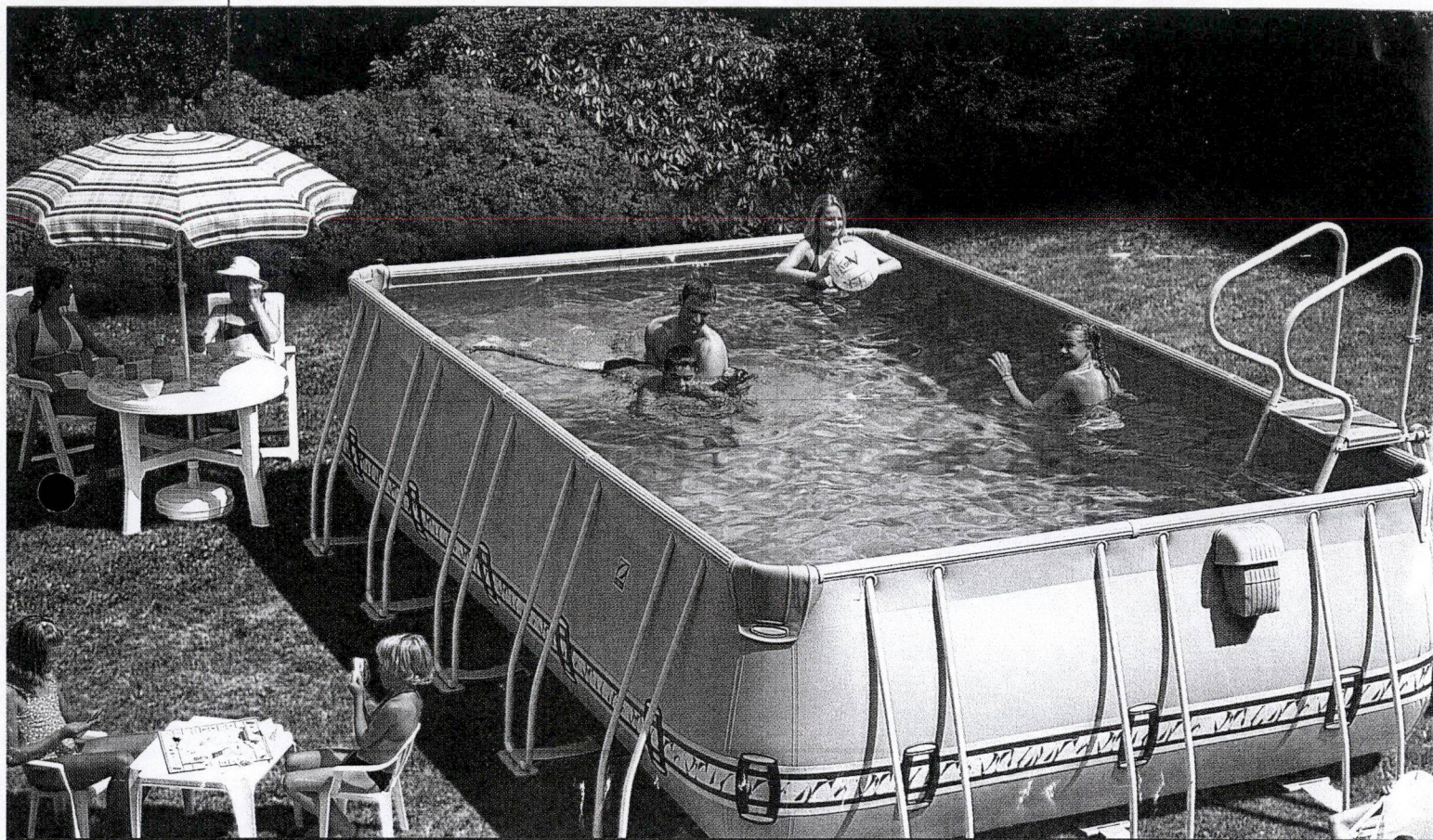
500mm

Conforms with requirements of Pool Fencing Act





ZODIAC

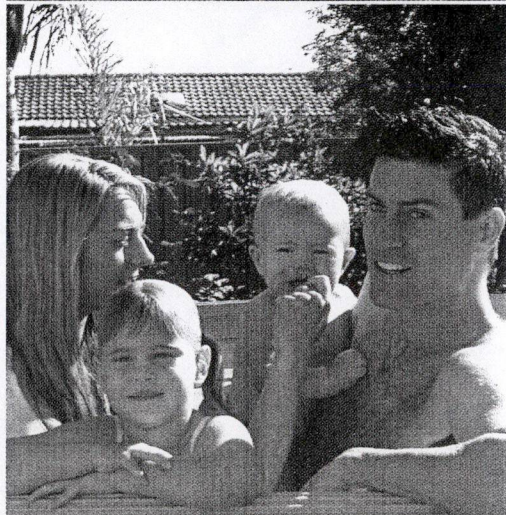


You don't have to wait to swim in a KD Plus pool.

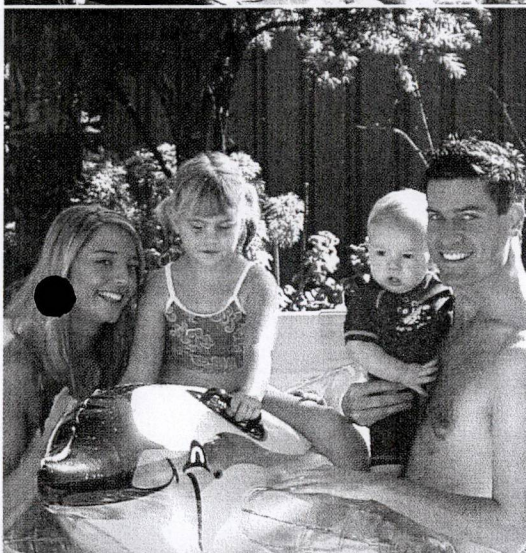
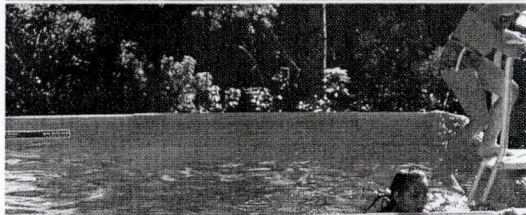
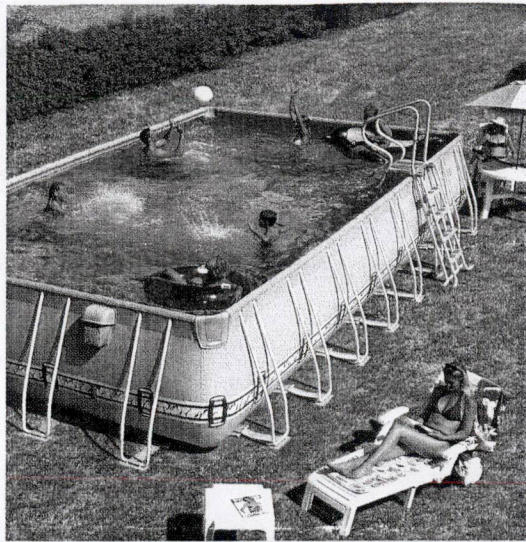
2-3 people can erect a KD Plus in 1-2 hours depending on the size of the pool you choose. You and your family can be swimming in no time at all. Just wait for the pool to fill with water.

It's easily the most affordable and fun way to beat the summer heat.

- New 2004 1.32m high print base liner design
- 10 year pro rata warranty (Conditions apply)
- New large 10m x 5m size



KD PLUS - Easy Living Swimming Pools



Be Cool in a KD Plus Pool!

Why KD Plus?

- Save thousands of dollars and weeks of waiting
- Can be up the day it's delivered-and the installation costs are negligible
- Easy to set up, durable and truly portable- take it with you when you move
- No excavation required- just a flat, firm area on which to erect it- concrete, dirt or even grass are fine
- Includes powder coated galvanised ladder
- Can be stored away in winter
- Top rim cover resists stains, dirt and UV damage
- Attractive corner covers provide added liner protection
- Soft skimmer fitted in pool
- Filtration, sanitation and pool cleaner packages available
- Exclusive and attractive printed belt to maintain shape and strength

Which KD Plus will suit your family

Pool Size (Metres)	Required Ground Surface (Metres)	Height (Metres)	Water Capacity ('000 litres)	Ladder	Skimmer and Return:	Assembly Time * 2-3 people
3 x 3	4 x 4	1.32	10	Yes	Yes	45 mins
5 x 3	6 x 4	1.32	16	Yes	Yes	60 mins
7 x 3	8 x 4	1.32	23	Yes	Yes	75 mins
8 x 4	9 x 5	1.32	35	Yes	Yes	90 mins
10 x 5	11 x 6	1.32	55	Yes	Yes	120 mins

**Assembly time excludes ground preparation and filling with water.*

Your KD Plus Assurance

KD Plus is a Zodiac product - the largest above ground and modular pool manufacturer in the world. The pool wall/liner is made from a dense poly-reinforced fabric similar to the material used for Zodiac inflatables- world renowned leisure and military boats. Thousands of tiny multi-fibre strands criss-cross together to form one of the most incredible materials made- so tough it can almost stop a bullet. The external wall has a scratch resistance coating.



10 year warranty- your KD Plus is backed by a 10 year pro-rata warranty on ripping or tearing of the liner fabric and is supported by Australia's largest pool service network (conditions apply).

KD Plus -a Pool to suit your needs, your backyard, your pocket.

Zodiac Group Australia Pty Ltd
1/23 Rowood Road, Prospect NSW 2148
Phone Customer Care 1800 688 552.
Fax 02 9896 5766

PARA RUBBER
Mid City Plaza, Dickens Street
NAPIER
Phone (06) 835 8202
0800 PARA RUBBER
7272 78

Find out more about KD Plus and other Zodiac products around the world at
www.zodiac.com.au

FINAL ASSEMBLY OF THE SWIMMING POOL

Fill the pool with a maximum of 3 cm of water. Pull the bottom of the liner towards the outside at the foot of each corner so as to remove the remaining pleats (do not pull the belt loops), Fig. 30.

When **Fig. 1 is respected**, proceed filling the pool. The water level shall not exceed the middle of the skimmer. The safety labels of the pool (inside and outside) must imperatively always remain visible.

Start filling your KD swimming pool. The water level should never exceed the lower edge of the safety labels. It is important that the safety labels always remain visible, Fig. 30.

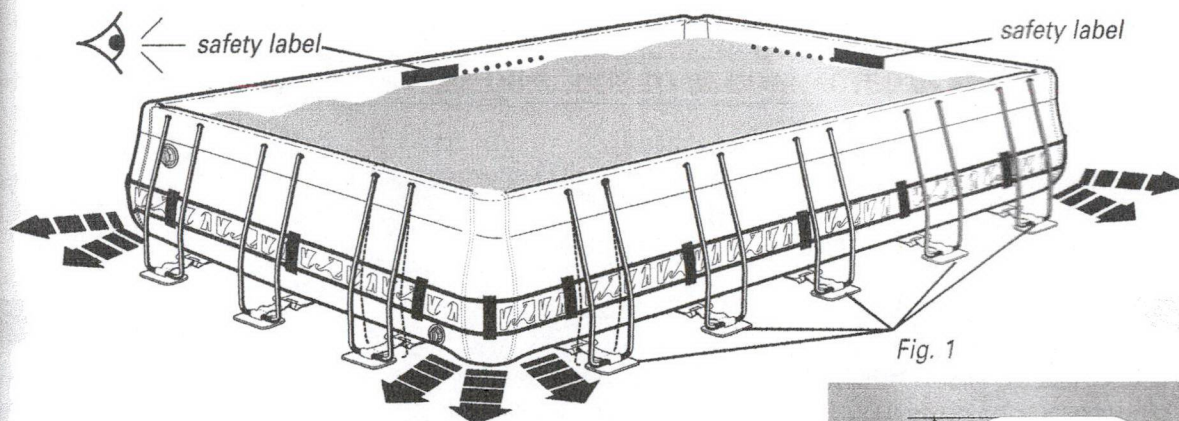
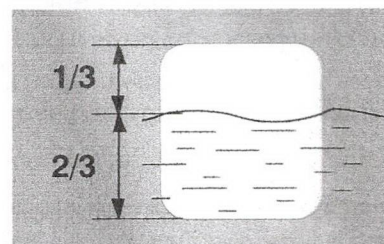


Fig. 1

Fig. 30



While the pool is filling, repeat several times the operation of fig. 20 (pull the upright slightly towards the outside of the pool).



Note: During the 45 first days, the liner of the KD swimming pool will "perspire" water. This is not a leak; this phenomenon is normal for this type of swimming pool and will stop by itself.

Note: the water level in the pool shall never exceed the 2/3 of the height of the skimmer opening.

PUTTING THE ANGLE COVER IN PLACE

Position the angle cover, hang the internal section on the pool and "stretch" the external section onto the pool, Fig. 31.

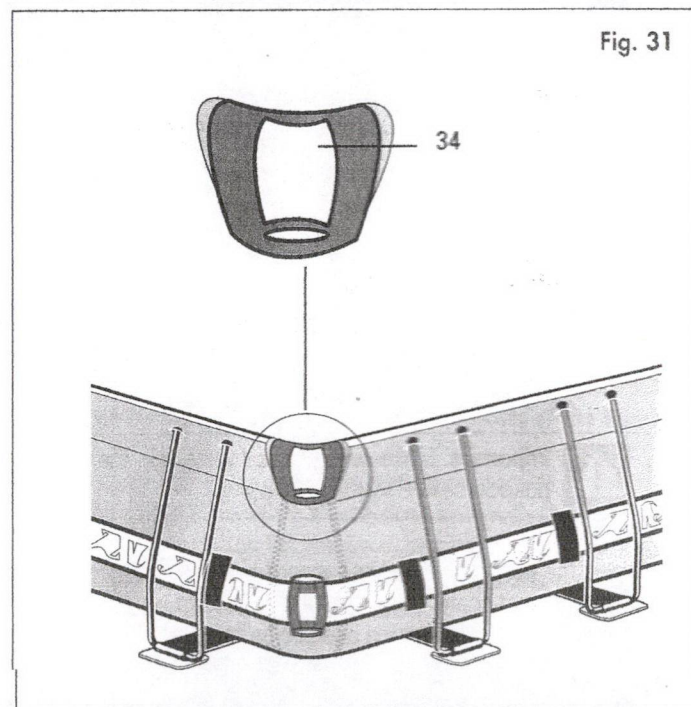


Fig. 31

Assembly of the comfort top profiles (option)

For their installation, refer to the specific assembly instructions delivered with the top ledges.