

p o l y g l o t

theatre is child's play

Tangle

Tour Specification



December 2011



TOUR SPECIFICATIONS

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IMPORTANT

Tangle is a flexible site-specific work that can be adapted to fit a variety of spaces and circumstances. **The information contained in this document should only be used as a guide.**

Requirements specific to each venue to be negotiated with Polyglot prior to any presentation.



TOUR SPECIFICATIONS

CONTACT INFORMATION

PRODUCER

Polyglot Theatre

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AUSTRALIA

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Operations Coordinator

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ARTISTIC STATEMENT

Tangle is a huge, messy, fun, interactive elastic weaving event created live by children and their families. It's part mass visual arts installation, part performance, part playground, part dance party and all chaos.

Like a giant pegboard, children and families create a landscape together, tangling and weaving coloured elastic through giant poles. Imagine a shared squiggly line drawing in three dimensions, creating a stretchy bouncy playground, fuelled by live music and culminating in a big dance party. *Tangle* is a giant experiment where children take control and create a giant abstract tangled artwork that everyone owns.

Imagine 24 poles of different heights, from 2.5 to 6 metres tall, set in platform bases. Each child is given a ball of elastic that they weave in and out of the poles. Gradually, the landscape fills with interconnecting lines of different colours as more and more children fill the space. As the day progresses and the weaving becomes denser, the space becomes a huge messy bouncy playground, and the children play within the stretchy mass, weaving themselves in and out of the elastic. In and around the space are the Weavers, performers who follow the children's instincts, responding to their impulses and facilitating their creations. *Tangle* follows Polyglot's philosophy that theatre is child's play.

Polyglot Theatre is supported by the Victorian Government through Arts Victoria, by the City of Melbourne and by the City of Stonnington.

www.polyglottheatre.com

EVENT INFORMATION

This is an interactive performance event. There are no separate audience and performance areas.

Depending on the configuration of the poles and allocated space, this is a production designed for a maximum of 150 audience members at any one time.



TOUR SPECIFICATIONS

MARKETING INFORMATION

For documentary and archive purposes, Polyglot may film and photograph sessions. This is done in line with local child protection laws. Please let us know if your organisation has any particular policies to which we must adhere.

We will also distribute surveys asking patrons for feedback on the event for our own purposes.

Polyglot requires approval of all marketing materials that feature our work to ensure that our branding and contractual obligations with our funders are met. We will ensure a fast turnaround.

For high-resolution publicity images, please visit: www.polyglottheatre.com/downloads.

STAFFING REQUIREMENTS

PRESENTER TO PROVIDE

- 1 x Venue Liaison at all times
- 1 x Venue Technician to manage audio and lighting (*this person can be the venue liaison*)
- 4 x Crew to assist with Bump In
- 4 x Crew to assist with Bump Out
- 4 x Front of House staff for each session

For locations where English is not the primary language, a fluent English-local language interpreter must be available to the touring party during all scheduled activity. This interpreter must be familiar with standard theatre terminology.

POLYGLOT TO PROVIDE

- 4 x Performers
- 1 x Musician
- 1 x Production Manager
- 1 x Tour Manager (for international performance only)

ACCOMMODATION

PRESENTER TO PROVIDE

Single room in four-star accommodation for each member of the Polyglot touring party. This is an Australian union requirement. The accommodation provided should be walking distance from the venue (or easily accessible via public transport, with no longer than a 30 minutes commute between the accommodation and venue).

TRAVEL & GROUND TRANSPORT

PRESENTER TO PROVIDE

Adequate ground transportation between the airport and accommodation. If the accommodation is too far away from the venue, a venue pool car, hire car or taxis) must be provided for use by the touring party.



TOUR SPECIFICATIONS

SPACE REQUIREMENTS

PERFORMANCE SPACE

PRESENTER TO PROVIDE

LARGE, OPEN SPACE

For 6 platforms, the ideal floor space required for the platforms is:

400m² (e.g. 20m x 20m) - 625m² (e.g. 25m x 25m)
4,225ft² (e.g. 65' x 65') - 6,600ft² (e.g. 82' x 82')

The platforms can be placed in different configurations to suit the performance space. Please forward a site plan to Polyglot Theatre for a more accurate assessment. For safety reasons, the ground onto which the platforms are installed must be completely flat (a maximum 25mm variance overall) and rated to no less than 250kg per square metre. Should the surface be concrete or asphalt, it may be necessary to install matting or a play surface of some kind – please contact Polyglot for more details.

The poles are of varying heights. The minimum height of the performance space for all 24 poles to be used at full extension is 7m (23ft). The lowest height required would use three platforms with a minimum height of 5.0m (17ft).

The space must be dedicated to *Tangle* for the length of the season including load-in and out.

Please send through photos / plans so we can adapt the work for the specific space.

FENCING

PRESENTER TO PROVIDE

Fencing around the perimeter of the site that is at least 1 metre (3 feet) in height. Bike rack fencing is ideal.

Entry and Exit gates are created by the Artists. Existing structures can be utilised as walls where possible.

MARQUEE

PRESENTER TO PROVIDE

Two Marquees with walls

- 3m x 3m (10' x 10') for housing the musicians/DJ
- 3m x 3m (10' x 10') for storage, unless alternative covered storage adjacent to the site is available.

STORAGE

PRESENTER TO PROVIDE

Storage facilities for materials **must** be adjacent to the performance space. The required size of this space is relative to the size of the performance space and the length of the season.

A minimum of 9 square metres (3m x 3m) / 100 square feet (10' x 10') of storage space is required for the extra materials.



TOUR SPECIFICATIONS

DRESSING ROOMS

PRESENTER TO PROVIDE

1. Male Dressing Room to fit 3 people comfortably.
2. Female Dressing Room to fit 3 people comfortably.

Both Dressing Rooms to have:

- Access to showers
- Access to toilets
- Bench
- Mirror
- Hanging Facilities
- Iron & Ironing Board
- Lockable doors
- Water

In addition, the company will need access to a computer with internet access and/or wireless internet facilities as well as a photocopier.

Laundry facilities: The venue must provide a washing machine, dryer and iron.

VEHICLE ACCESS

PRESENTER TO PROVIDE

Large vehicle access (7.5-tonne truck minimum) is required to deliver the set and other production elements. Please let us know in advance of any unusual circumstances so that we may prepare accordingly.

The set travels internationally in a standard 20' shipping container – which ideally would be dropped adjacent to the performance site, to be used as onsite storage. Please advise if access for a crane truck to deliver the set is possible.

SECURITY

PRESENTER TO PROVIDE

Tangle can be left outdoors overnight, and is a beautiful installation when lit for passers-by to observe. In this circumstance, security is required.

Alternatively, the fabric can be cut off at the end of each day, and the poles can be taken down and stored inside. The platforms can be left without the need for security.

Adequate security if required (see above)

- Secure location for storage of audio/DJ equipment overnight (this can possibly be the freight container, depending on access and ability to locate the container adjacent to the site.
- Fencing is required for any outdoor presentation, to create an effective boundary for the performance area, and enable numbers of participants to be safely controlled. Bike racking/pedestrian railing is ideal.



TOUR SPECIFICATIONS

SIGNAGE

POLYGLOT TO PROVIDE

Polyglot will supply all signage. Any site-specific signage required will be created during Load in. Please note that the signage will need to be attached to the walls / fences.

WASTE REMOVAL

PRESENTER TO PROVIDE

The production generates a large amount of elastic wastage. Should waste disposal be the only option, each performance day generates approximately 1 x 240L garbage bin worth of wastage elastic.

Ideally, elastic should be gathered and disseminated to participants in cloth or paper bags at the following days performances, or bagged and given to local child care centres, schools or kindergartens.

WEATHER PROTECTION

Outdoor sites that have some sort of shelter from strong winds should be chosen. If you are concerned, ask us about your proposed site. In case of extremely windy or wet weather the performance will be cancelled. With enough notice, the performance may be moved inside but will need to be modified to accommodate for the change of space and height.

CATERING

PRESENTER TO PROVIDE

For Rehearsals, Load In, Performance and Load Out, all hospitality must be set up before the touring party is scheduled to be in the venue each day.

Plenty of bottled water
Plenty of fresh fruit
Coffee (w/ milk and sugar)

Cookies (variety)
Fresh sandwiches – (50% vegetarian)
Assorted candy





TOUR SPECIFICATIONS

TECHNICAL REQUIREMENTS

As a general rule:

- Bump In will take 4 hours
- Bump Out will take 4 hours

SET

POLYGLOT TO PROVIDE

Polyglot will tour with all set, costumes, materials and props necessary for the delivery of the production. These items include:

- 6 x Trolleys of Flats (2000mm long x 650mm wide x 1150mm high, 350kg per trolley)
- 1 x Stillage (3100mm x 600mm x 450mm) holding 18 Bearers (3000mm long x 30mm wide x 45mm high)
- 1 x Stillage (4300mm x 600mm x 450mm) holding 24x Joists (4000mm long x 30mm wide x 45mm high)
- 12 x 4000mm poles
- 6 x 3500mm poles
- 6 x 3000mm poles
- 12 x 1650mm pole extensions
- 1 x Freight Case containing Pole Tops and 6 x Boxes of Freight Pads (1240mm long x 790mm wide x 1720mm tall incl castors; 150kg loaded-case weight)
- 1 x Freight Case containing Costumes, Tools and Hardware, Consumables (1240mm long x 790mm wide x 1720mm tall incl castors; 150kg loaded-case weight)
Boxes containing pre-rolled elastic balls (Quantity dependent on size of space and length of season)

SOUND

PRESENTER TO PROVIDE

- 6 x RCF Active Speakers (or equivalent) with stands (or flown)
- 1 x Denon DN-C615 CD Player (or equivalent)
- 1 x Radio Handheld SM58 Radio Microphone
- 1 x Handheld SM58 Radio Microphone (Back Up)
- 1 x 16 channel sound desk with 6 Aux Sends, stereo inputs and phantom power available on all channels.
- 1 x 3.5mm mini-jack to XLR **OR** 6.5mm jack (for laptop to sound desk)

Adequate power and sound cabling to realise
Adequate cable trapping to cover exposed cabling along walkways

RCF speakers to be placed evenly around the outskirts of the space with the horns facing inwards. This system has been designed as surround sound, to minimise excessive sound levels close to small children. It is a safety requirement that sound levels not exceed 72dB at the location of the platforms.

Please note: For performances outside of Australia, appropriate adaptors and power transformers must be supplied for operation of audio equipment: clean transformation and adaptation of **10** circuits of 240V, 10amp power are required.

POLYGLOT TO PROVIDE

- 1 x Apple Macbook Pro (to drive main soundscape)
- 1 x Digital keyboard and keyboard stand
- 1 x Digital Drum Kit
Hand percussion instruments and trumpet



TOUR SPECIFICATIONS

FREIGHT + STORAGE INFORMATION

Approximate Total Weight = 3000kg

Storage + Transport Dimensions = 4200mm long x 2220mm wide x 2200mm high minimum

The set travels in a standard 20' shipping container – which ideally would be dropped adjacent to the performance site, to be used as onsite storage. Please advise if access for a crane truck to deliver the set container is possible.

LIGHTING

As much natural light as possible during the day is ideal. For night performances, a bright warm wash or strong work lights required – full visibility throughout the space is essential.

OTHER EQUIPMENT

PRESENTER TO PROVIDE

- 1 x First Aid Kit
- 2 x Fire Extinguisher's – Water or CO²
- 2 x 6' (1.8m) Trestle tables
- 8 x Chairs
- 1 x 3m x 3m Marquee for setup of musician
- Drinking water for all production and performance activity

POLYGLOT TO PROVIDE

- All Materials as required for each performance
- All necessary tools (e.g. mallets) for installation





TOUR SPECIFICATIONS

PRODUCTION SCHEDULE

Below is a sample of the production schedule that might be utilised. Please note that this show does require 4 hours to load in prior to the first performance and 4 hours to load out after the last performance.

The schedule varies depending on the size and location of the performance space. The following is only a guide. Final production schedule will be arranged in consultation with the Polyglot Production Manager.

DAY ONE - LOAD IN

Start	Finish	Activity	Personnel
09:00	13:00	Mark out site Construct Platforms Set up Dressing Room Create Signage Set up musicians area	Polyglot Cast & Crew Venue Liaison/Venue Technician 4 x Load in Crew
13:00	14:00	Break	
14:00	14:30	Prepare for Performance	Polyglot Cast & Crew Venue Liaison/Venue Technician 4 x FOH Crew
14:30	16:30	PERFORMANCE	Polyglot Cast & Crew Venue Liaison/Venue Technician 4 x FOH Crew
16:30	17:00	Clean Up	Polyglot Cast & Crew Venue Liaison/Venue Technician 4 x FOH Crew

DAY TWO – PERFORMANCE

Start	Finish	Activity	Personnel
09:00	10:30	Prepare for Performance	Polyglot Cast & Crew Venue Liaison/Venue Technician 4 x FOH Crew
10:30	12:30	PERFORMANCE	Polyglot Cast & Crew Venue Liaison/Venue Technician 4 x FOH Crew
13:00	14:30	Break (minimum 90 minutes between performances)	
14:30	16:30	PERFORMANCE	Polyglot Cast & Crew Venue Liaison/Venue Technician 4 x FOH Crew
16:30	17:00	Clean Up	Polyglot Cast & Crew Venue Liaison/Venue Technician 4 x FOH Crew



TOUR SPECIFICATIONS

DAY THREE – PERFORMANCE AND LOAD OUT

Start	Finish	Activity	Personnel
09:00	10:30	Prepare for Performance	Polyglot Cast & Crew Venue Liaison/Venue Technician 4 x FOH Crew
10:30	12:30	PERFORMANCE	Polyglot Cast & Crew Venue Liaison/Venue Technician 4 x FOH Crew
13:00	14:30	Break (minimum 90 minutes between performances)	
14:30	16:30	PERFORMANCE	Polyglot Cast & Crew Venue Liaison/Venue Technician 4 x FOH Crew
16:30	17:00	Break	
17:00	21:00	Cut down material and recycle Deconstruct poles + platforms Load Set onto Freight Carrier	Polyglot Cast & Crew Venue Liaison/Venue Technician 4x Local Out Crew

WORKSHOPS

Optional workshops can be added where children work in groups with the performers to design and create their own take-home sculpture. This takes place at least one day prior to the first performance or one day after the last performance. No workshops are run on the same day as performances. Details of the workshops are:

Max. participants **30 per workshop**
 Workshop Length **2 hours**
 Age Suitability **5 years and over**

PRESENTER TO PROVIDE

Trestle tables
 Additional supervision (1 adult per 10 children)
 Access to power

POLYGLOT TO PROVIDE

Professional Artist and all materials



TOUR SPECIFICATIONS

FREQUENTLY ASKED QUESTIONS

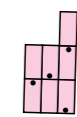
1. Does the space need to be completely symmetrical?
No. The space can take any form as long as it is a clear area, flat and a suitable size for the intended audience numbers.
2. How do you control how many people come in?
The event is fenced, and Production Manager, together with your Front of House Managers, will monitor how many people are in the site. We have a specified entrance/exit that we can close when necessary, to control the number of people in the space. Ideally the event has session times (even if entry is free) to allow for numbers to be controlled and for access to the activity to be equitable for participants.
3. What do the performers do?
The performers' primary role is to facilitate the children's ideas. They have a series of improvised clowning routines that create the atmosphere in the site.
4. Is it dangerous?
No. The work looks chaotic but is actually very controlled. All the performers carry bandage scissors to cut children free if they become too tangled, and both the cast and the tour manager monitor the activity continuously, to ensure that children are always safe. The elastic, poles and platforms have all been tested and rated to take significantly more weight than is applied during the activity.
5. Can I leave my kids in the site?
No. We encourage parents or guardians to enter the space and play together with their children.
6. Is there a risk assessment available?
Yes, a full risk assessment is available on request to the Program Manager.
7. My uncle runs a material business. Can he provide the elastic to you?
Yes please. Please contact the Program Manager for a sample and swatches of the material used.
8. What ages is it for?
The ideal age for Littles is 2 to 12 years. There is no age limit for their accompanying Bigs!
9. How do school groups work?
We can open for group sessions of approximately 45 minutes.
10. Will the Australian government pay to bring you to my country?
In some circumstances, we can apply for government funding for our airfares.
11. Why can't I do this myself? If it's a bunch of poles and material, why do I need you?
The work is logistically very complex, and the structure is specifically engineered to ensure the utmost safety of performance and audience members. We bring specialised knowledge and trained performers and we work hard to create a very particular atmosphere that cannot be easily replicated.
12. How long do people play for?
People can stay for as long as they like - ten minutes or two hours! The event can also be structured to run in hour-long sessions where the whole site gets cleared every 45 to 60 minutes to allow a whole new group of people into the space. An hour is the ideal time for the activity.


Site Plan

GENERIC LAYOUT


PLAN VIEW

Layout can, and likely will, change slightly depending on the physical site environment.

 Rostra Platform
 4000mm x 3000mm
 (with 4 poles)

 Powered Speaker x 6

 Monitor Speaker x 1

 Storage Marquee
 (6m x 3m approx)

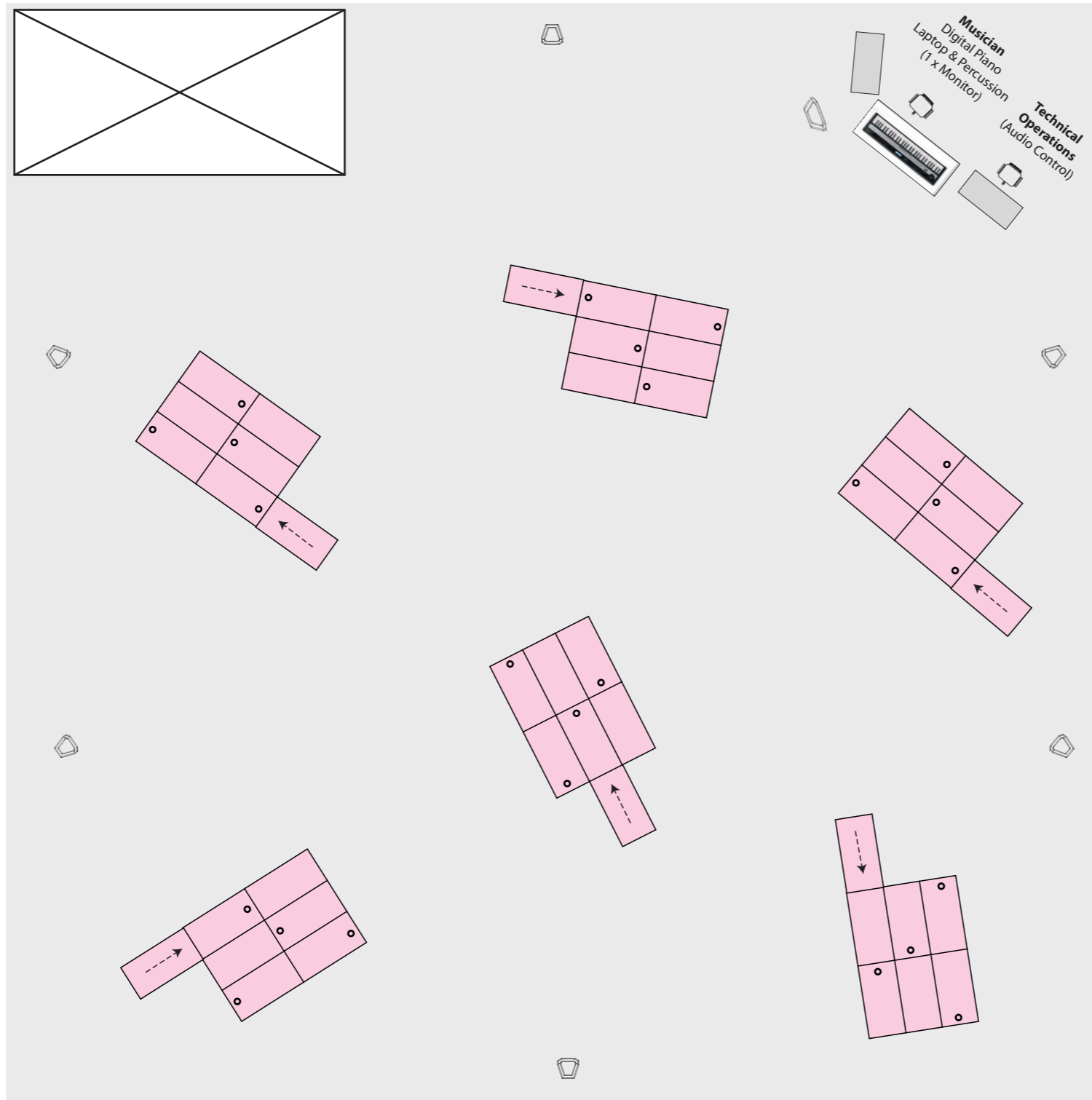
Platforms are 225mm from ground to deck level, once installed

LAYOUT PLAN

Drawn : Emily O'Brien
 Contact : +61 403 308 194
 em@emmalineau.com

Scale : 1:100 @ A3
 Date : 15th June 2011

Minimum Floor Size: 400 m2 (for example: 20m x 20m)



Please advise immediately if any element of this plan will not be able to be reproduced upon arrival of the touring company

T.D. & C. PTY LTD

Consulting Engineers & Construction Managers

A.C.N. 005 929 402
A.B.N 30 546 499 669

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Job No. 156443

November 17, 2011

Polyglot Theatre,
27A Cromwell Road,
South Yarra,
Victoria, 3141.

Attention: Mr. Adi Diner, Associate Producer.

Dear Sir,

RE: CERTIFICATION OF POLYGLOT THEATRE – *TANGLE SET*.

On behalf of our client, Polyglot Theatre, T D & C Pty. Ltd. was requested to inspect and certify the structural elements of the *Tangle Set*. We were asked to pay particular attention to the capacity of the whole system to resist the incidental loads applied to the structure when a "child" interacts with the *Set* and 'web of material'.

The inspection of the elements (including the 6 platforms and the 24 posts) took place on the 24-10-2011. Subsequent to the inspection the various elements of the *Tangle Set* were analysed for theoretical strength and serviceability actions and these results compared with the member capacities.

The results of the analysis were that the construction of the base frame and support structure, including the connections had sufficient strength to resist the applied forces and that the weakest parts of the structure were the posts and in particular, the posts on the external edge of the *Set*.

Subsequent analysis showed that an external post, when subject to a theoretical load equivalent to a "40 Kg. child", would deflect, changing the shape of the 'web of material' and thus changing the applied load to the post. This process changes dependent on the mass of the child. It was further observed that if the deflection was not sufficient to cause the force to reduce, then the post will bend "plastically" to the point where it has deflected sufficiently to reduce the applied load at which time the post moment capacity is able to support the load. This system of resistance will only deflect until the resistance is sufficient to resist the applied load. The consequence of the system having been effective is that one or more posts will be seen to be bent at the floor level and will not straighten when the 'web of material' is removed.

It should be underlined that the maximum strength of the post is still the same, even though it has a noticeable bend at its base. (In practice, some of the external posts

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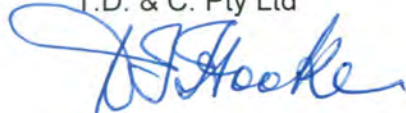
have suffered permanent bends, as described above, and were replaced as soon as this has occurred, even though they still have the same strength.

This is a "Fail Safe" mechanism which enables the Polyglot Theatre to evaluate and replace posts that have suffered excessive strain.

It is also noted that there are 24 posts supporting the 'web of material' and that the bending of one of the posts relieves the applied tension and retransfers the load around the structure as a whole. This fact ensures that the accidental actions of a "child" in one area of the *Tangle Set* will only cause minor deflections of one or two of the posts in the immediate area and these deflections will only occur until the stress is relieved and will not cause either progressive or catastrophic failure of an external post or of the total *Tangle Set*.

We therefore believe that the structure of the *Tangle Set* is sufficiently strong to resist all the actions applied to it in normal, supervised, use as described in the literature supplied by the Polyglot Theatre.

Yours faithfully
T.D. & C. Pty Ltd



David Hooke
Structural Engineer