Transformer Operations Plan

Title	Transformer by Doug Aitken
Venue	328 Lune River Road, Ida Bay, Tasmania. Known as The Ida Bay Railway.
Opening	TBC

Document History

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Disclaimer

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1 - PROJECT OVERVIEW

Name	Transformer by Doug Aitken
Location	328 Lune River Road, Ida Bay, Tasmania
Opening Hours	Summer 10am - 5pm, Thursday - Monday Winter 10am - 4pm, Thursday - Monday Permit Application Hours - 9am - 7pm, 7 days a week (though the standard operating hours are less than the Permit Application Hours requested, it is hoped that the venue can operate for additional hours for special events) Closed; Christmas or due to Hazardous Weather
Operational Hours	Scheduled maintenance works will occur periodically on the site between 7:00am and 5pm on Monday to Friday.
Daily Capacity	Whole Site - 300 PAX Transformer - 200 Visitor Welcome Centre - 80 Outdoor spaces - 100
Entry Fee	TBC
Permits & Licenses Required	Permits for occupancy of the site as well as the service of food and alcohol are yet to be obtained.

Project Description	Transformer by Doug Aitken is a large-scale permanent installation artwork which aims to merge the viewer with their surroundings in a reflective pavilion of angles and facets. The viewer can take in spectacular views of the southern wilderness which are fractured in a kaleidoscopic manner by the mirrored pavilion. The site also provides a range of visitor services infrastructure including car parking toilets, and a visitor welcome centre hosting as video artwork by Doug Aitken and where food, drinks and tickets to view the artworks may also be purchased. The site at 328 Lune River, Ida Bay, is situated at the end of the southernmost sealed road in Australia and is also home to the Ida Bay Railway. The entry to the carpark is at the north east corner of the site with the car parking area to the north of the railway track and heritage precinct. The car park contains parking spaces for cars, buses, trailers and motor bike. Once parked, a raised boardwalk leads patrons to the west over a button grass populated watercourse to the new visitor welcome centre. Patrons exit the visitor welcome centre on their way to the art installation via a different route. A gravel path leading out from the rear of the visitor welcome centre winds through the native bushland for approximately 600m before arriving at Transformer. A loop path returns patrons to the visitor welcome centre via an alternate route. SEE APPENDIX 1 - Transformer Site Plan
Food & Beverage Offering	A range of cold and reheated food options will be available. A range of hot and cold drinks, including alcohol will be available. DarkLab is working with Huon Valley Council on the requirements for a food service permit for the site.
Key Stakeholders	DarkLab Pty Ltd Tasmanian Parks and Wildlife Service Huon Valley Council Ida Bay Railway Preservation Society

2 - PROJECT CONTACTS

2.1 - DarkLab Contacts			
Leigh Carmichael	Creative Director	0409 405 443	leigh@darklab.net.au
Tina Lavranos	Executive Director	0400 802 076	tina@darklab.net.au
Drew Berridge	Marketing Director	0434 163 024	drew@darklab.net.au
Jude Gun	Executive Producer	0422 998 148	jude@darklab.net.au
Rebecca Fitzgibbon	Media Manager	0408 102 919	rebecca@darklab.net.au
Joel Lipson	Head of Operations	0414 142 362	Joel.lipson@darklab.net.au
Jeremy Heath	Licensee	0417 452 775	jez@darklab.net.au
Tim Lathouris	Project Manager	0404 307 976	tim@darklab.net.au
General Enquiries			info@transformer.net.au

2.2 - Landowner (PWS)	
Contact Name	Director of the Tasmanian Parks and Wildlife service
Address	Tasmanian Parks and Wildlife Service Environmental Assessment Coordinator GPO Box 46, Kings Meadow, Tas, 7249
Contact Email	idabayartworks@parks.tas.gov.au
Web Address	https://parks.tas.gov.au/

2.3 - Emergency Services Contacts In case of emergency always call 000 – ask for Fire, Ambulance or Police.		
Description	Contact	Phone
Electricity	Aurora Energy	132 004
Poisons Information	Poisons Hotline	131 126
SES		132 500
Police (non-emergency)	National Hotline	131 444
Police (non-emergency)	Kingston LAC	03 6173 2090
Tas Fire Service (non-emergency)	Info Line	1800 000 699
Tas Ambulance Service (non-emergency)	Info Line	1800 008 008
Bureau of Meteorology	Duty officer	(03) 9669 4916

2.4 - Services Contractor Contacts			
Description	Company	Contact Name	Phone
Telecommunication	Telstra (Faults and Damage)		132 004
Plumbing	TBC		
Electric	Fortis Power	Eddie Storer	0437 892 466
Gas	TBC		
Waste Removal	Huon Waste Removal	Molly Burgess	0418 376 891 03 6297 1819
Security	TBC		
Arborist	Element Tree Services	Alister Hodgeman	0417 144 192

Wastewater System	TBC		

3 - SAFETY & EMERGENCY MANAGEMENT

3.1 - Safety & Risk Management

DarkLab engages risk and safety specialist 'IPM Consulting' to provide an Emergency Management Plan (EMP) as well as a Visitor Risk Assessment and Control Plan for the operation of the Transformer site.
DarkLab also works with Element Tree Services to conduct a tree risk assessment and ongoing management plan to control any risk to patrons of the site from falling tree limbs.
It is noted that should the railway line become active again at any time in the future DarkLab will be responsible for the installation of infrastructure ensuring adequate separation is maintained between Transformer patrons and the active railway line.

3.2 - General Emergency Protocols

In any emergency situation the immediate actions should always be;

REMOVE/RESCUE – Remove anyone who is in immediate danger from the area, only if safe to do so.

ALERT/CALL – 000, ask for fire, ambulance or police

These first 2 steps will remain the same for all emergency situations. The Emergency Management Plan sets out actions relating to specific emergency situations that should be followed after these first 2 steps have been completed.

3.3 - Evacuation Protocols

- In an emergency the emergency control organisation is activated to manage the situation until such time as emergency services arrive or the emergency is resolved.
- The emergency control organisation follows a standard warden structure which is detailed in the site's emergency management plan.
- The chief warden will make the call to evacuate the site or structures upon it.
- In an evacuation everyone on site will be directed to the evacuation area, see 3.4 below. The chief warden may decide to use the secondary evacuation area or direct everyone to move to the offsite safer place as the emergency dictates
- The chief warden may direct occupants of the site to shelter in place either in the visitor centre, the art installation, or both as the emergency dictates.
- Site staff will conduct physical checks of all walk tracks and the art installation when corralling all site occupants to the evasion area or to move them to the offsite safer place.

3.4 - Evacuation Assembly Area & Emergency Vehicle Access

The primary emergency assembly area for the site is in the car park located at the north eastern corner of the site.
Should the chief warden deem this area unsafe, for any reason, a second emergency assembly area can be utilised in the open grassed area within the railway loop track.
Plans detailing site evacuation areas can be found within the Emergency Management Plan.

Emergency Vehicle access to the site is off Lune River Rd. Emergency vehicles will be directed to the carpark entry and will be met upon arrival by a member of staff.

3.5 - Bushfire Emergency Management

A series of actions relating to the preparation for and management of bushfire risk set out in the Emergency Management Plan and are specified as tasks to be regularly completed by site management in the list below

These measures have been developed inline with a bushfire emergency plan that was completed by a suitably qualified person with advice from the Tas Fire Service (TFS). This remains a working document and will continue to be refined once the site is in operation.

The following bushfire management flow chart outlines all the documents relating to bushfire risk and what purpose each of them serves. It is the responsibility of site management to ensure that all these documents are kept up to date and that copies are readily available to site staff at all times.

BUSHFIRE MANAGEMENT FLOWCHART

Bushfire Emergency Plan
The bushfire emergency plan follows a standard format approved by the Tasmanian Fire Service (TFS). This plan has been prepared by a suitably qualified person and forms the basis for all other plans relating to bushfire risk management on the Transformer site. The bushfire emergency plan remains an active document throughout the life of the project. It is the responsibility of site management to review this plan regularly and seek advice from Tas Fire about any changes in local conditions that may necessitate changes and updates to this plan. Any changes to the bushfire emergency plan should also be reflected as updates to the subsidiary Emergency Management Plan and Bushfire Action Plans.

Emergency Management Plan
The emergency management plan is a broad scope document which covers emergency procedure for all types of emergencies. It is the go to document for all site staff briefing and training on bushfire emergency procedure, roles, maintenance and preparatory actions. Printed copies of this document should be kept on hand in key areas of the site such as the site office and front desk. Once operational, an employee register will be kept with the emergency management plan and will detail the role of each staff member should an emergency situation arise.

Bushfire Action Plan
The bushfire action plan is an abbreviated version of the information and actions set out it the Bushfire Emergency Plan. This is a quick reference document which should be clearly displayed in multiple areas of the site and is the first port of call when responding to a bushfire emergency situation. The bushfire action plan for Transformer will be drafted once the exact lay out of the site and supporting infrastructure have been confirmed. The bushfire action plan will include a map showing the location and path of travel to the nominated off-site refuge location.

Operations Management Plan
The operations management plan takes the general preparatory and maintenance actions contained within the Bushfire Emergency Plan and translates them into a series to maintenance and operational tasks to be regularly carried out by site management.

PREEMPTIVE ACTIONS/SITE MAINTENANCE

The list below outlines ongoing actions that the site manager must be constantly engaged in throughout the bushfire season (November - March) to minimise the threat of bushfire.

1. Maintain a hazard managed area around the visitor welcome centre ensuring lawns and grassed areas are kept below 100mm in height. Ensure leaf matter and fallen branches are regularly cleared from around buildings.

2. Check provision of onsite water supply for firefighting purposes, ensuring supply is adequate, available, and accessible. Site manager to monitor onsite water supply and order tank refills if the onsite supply has dropped below 10 000L.

3. Ensure no hazards are present which would contribute to increased fire intensity, removing rubbish piles etc.

4. Ensure lawns and grassed areas are kept green if water supply is available.

5. Ensure property access is kept clear and easily trafficable. All staff should monitor the car park, as their role allows, and ensure access in and out is kept clear at all times.

6. Ensure defendable spaces around buildings and assembly areas are maintained.

7. Ensure first aid kits, fire extinguishers and emergency lighting are kept current and functional.

8. Ensure roof and gutters are free from leaf litter and debris.

EMERGENCY MANAGEMENT ADMINISTRATIVE ACTIONS

The list below outlines administrative actions that must always be in place to minimise the threat of bushfire.

1. Review the Bushfire Emergency Plan to ensure details, procedures and contact phone numbers are correct.

2. Ensure the Action Plan is displayed in a visible location in the visitor welcome centre and site office and that a printed copy of the Bushfire Emergency Plan is available within the visitor welcome centre.

3. Ensure Staff have been informed of, and are familiar with, the procedures laid out in the Bushfire Emergency Plan.

4. Ensure revised and current versions of the Bushfire Emergency Plan are available for review.

5. Ensure Chief Warden has access to bushfire warnings via ABC Radio/TFS website. Site manager to regularly check functionality of all emergency communication equipment.

6. Ensure nominated off-site shelter is still a safe choice, the site manager should make contact with Marine and Safety Tasmania before each bushfire season to ensure the Southport jetty remains a suitable off-site shelter.

7. Ensure the nominated escape route to shelter is still a viable choice. If not, update Action Plan.

8. Ensure adequate levels of drinking water are available. The site manager ensure that at least 1000L of drinking water is available on the site at all times. This supply must be additional to any designated fire fighting water kept on the site.

9. 10,000L of water is to be maintained onsite at all times for firefighting purposes.

3.6 - Incident Reporting

All incidents will be reported to the Site Manager and logged using an electronic form.

All incidents will be relayed to DarkLab Management, by the Site Manager, as soon as is practicable following the incident.

Depending on the nature of the incident, DarkLab management or the Site Manager may call a meeting of relevant stakeholders to discuss any actions required to reduce the risk of any repeat incidents. If required, follow up meetings will be held at regular intervals to ensure continued communication and effective action planning.

All major/critical incidents will be reviewed through a debrief scheduled with involved parties inline with the protocols set out in the emergency management plan.

3.7 - First Aid Provision
First aid supply's can be found at the administration desk within the visitor welcome centre. The site buggy also contains a first aid kit. All staff working on the Transformer Site will hold a nationally accredited first aid certificate; Provide first aid (HLTAID003)

3.8 - COVID 19 Safety Management Plan
DarkLab will ensure that management plans relating to COVID-19 are in place and reviewed/updated regularly in line with current government recommendations and requirements.

3.9 - Insurance Details	
Project	The project carries significant levels of insurance inclusive of; public liability to a minimum of $50 million (AUD), business interruption of $250,000 (AUD) and building insurance of $5 million (AUD). For copies of insurance certificate of currency, please contact the Head of Operations, Joel Lipson, joel.lipson@darklab.net.au.
Staff & Suppliers	All Staff and Contractors not covered by the DarkLab's own policies will be required to carry their own Public Liability Cover.

4 - OPERATIONAL STAFF

The below table shows onsite staff numbers based on seasonality, week days, weekends and projected attendance.		
Season	Weekdays	Weekends
October to March (high season	3 staff	4 staff
April to September (low season)	3 staff	3 staff
Summer Holidays	5 staff	5 staff
The below table shows the staff roles based on the number of staff onsite.		
3 Staff	- Manager Roaming - Visitor Centre - tickets - Visitor Centre - coffee/food	
4 Staff	- Manager Roaming - Visitor Centre - tickets - Visitor Centre - coffee/food - Roaming/Visitor Centre	
5 Staff	- Manager Roaming - Visitor Centre - tickets - Visitor Centre - coffee - Visitor Centre - food - Roaming/Visitor Centre	

5 - TRAFFIC & PEDESTRIAN MANAGEMENT

5.1 - Traffic Engineering Plan
A comprehensive traffic impact assessment (TIA) has been completed by Milan Prodanovic, an accredited traffic engineer. This TIA has concluded that there will be minimal impact on local roads and traffic conditions created by the operation of Transformer. All parts of the development are on the western side of Lune River Rd and as such there is no need for any pedestrian movement within the road reserve. In locations where pedestrian paths are close to the railway corridor a landscape treatment will be used as a barrier between pedestrian/carprking areas the rail

corridor. If the rail corridor becomes active further physical separation measure may be put in place in line with rail safety regulations.

The speed limit of the road adjacent to the site is 40 km/h
For full details, please refer to the attached Traffic Impact Assessment

See Appendix 2 - Site Plan Detail, for carpark detail.

5.2 - Car Parking

32 single car park spaces are provided in the carpark, in the north eastern corner of the site, including 2 x DDA car parks located at the northern end of the car park.
2 spaces for larger vehicles, (including motor homes, caravans and other trailers) are provided along the western side of the sealed turning bay.
2 bus parking spaces are provided, also along the easten edge of the sealed turning bay.
The site also provides for 2 motorcycle specific car parking spaces.

5.3 - Bus Pickup and Dropoff

Bus drop-off and pick-up occurs from the bus parking spaces detailed above in section 5.2. A gravel walking path runs along the edge of the turning area providing access from the bus drop-off point to the board walk out to the visitor welcome centre.

5.4 - Deliveries/Commercial Vehicles

- A designated service vehicle access to the visitor welcome centre is accessed along right of way easement through the neighboring private property. This access is a right hand turn just before the entry to the carpark. Turning space for large vans and small trucks is provided at the end of the service access adjacent to the visitor welcome centre. A half height screen wall provides a barrier between the turning area and publicly accessible areas.
- Food deliveries will be scheduled as required and will be at the discretion of the site/cafe operator.
- Cleaning and general maintenance works will be scheduled to occur out of the operational hours of the site.

- A waste storage facility will be built at the far south end of the carpark and will be accessible to medium rigid trucks for waste pickup.

5.5 - Onsite Transport

The Transformer site will use a buggy for onsite transport. The buggy will be used by trained site staff only and will be able to access Transformer along the pedestrian path. The buggy will be used for start-up and shutdown access to the art installation as well as general site maintenance. The buggy is also able to provide access to Transformer for less able visitors. Visitors wishing to utilise this service will be required to pre book their interest to ensure staffing capacity is available at the time. Information regarding this will be available on the Transformer website.
The buggy will also play a role in emergency response procedures across the site. Please refer to Emergency management plans for details.
A small garage for the site buggy will be built into the services area of the visitor centre building. Providing easy access from the visitor to all areas of the site.

5.6 - Pedestrian monitoring

Automatic pedestrian counters will be placed on the outgoing and return paths between the visitor centre and Transformer so that the total number of people at and travelling to and from the installation can be monitored from the visitor centre.

A physical inspection of all walking paths will be conducted by site staff, using the site buggy, at the end of each day to double check that no stragglers remain at the artwork, or along the tracks, prior to the site closing each day. This routine check will take place regardless of what the pedestrian counting system is showing.

The same physical checks of the walking tracks and art installation will take place if the site is needing to be evacuated due to an emergency situation.

6 - WASTE MANAGEMENT PLAN

Overview

General Waste/Recycling

Waste from the operation of the site will be separated into 3 waste streams; general waste, comingled recycling and green waste (excl food waste). A designated waste storage location in a BOH area will be used for storage of all waste on the site.
Whilst onsite, general and commingled recycling waste will be stored in 1m cubed bulk bags contained within a walled frame with a lid. The general waste and recycling streams will have an onsite storage capacity of 2 cubic metres for general waste and 4m3 for commingled recycling. Green waste from groundskeeping will be stored separately to the other waste streams.
Based on data from Hastings Caves, similar operation, the expected waste produced by the Transformer operation will be roughly 1m3/week of general waste and 2m3/week of commingled recycling throughout most of the year. A seasonal variation up to about double these amounts is expected over the summer holiday period.
General Waste and recycling will be removed from the site by Huon Waste Removal (HWR), an accredited waste disposal company for the Huon Valley area. The Ida Bay area is serviced by HWR fortnightly, however extra pickups can be arranged during busy times of year. HWR also services Hastings caves and thermal springs and it will be possible to coordinate extra pick ups between the 2 sites during busy holiday periods. The onsite waste storage facility will be located in a position that is easily accessible by vehicle so that the bulk bags can be lifted by a crane onto the truck at time of removal.
All waste from the site will be disposed of at a waste transfer station operated by Huon Valley Council.

Waste reduction measures

All takeaway food and drink items will be served in compostable or recyclable containers. No bottled water will be available for sale onsite. Reusable Transformer water bottles will be available for purchase. Patrons may refill any vessel with water for free at any time.

See APPENDIX 2 - Transformer Site Plan Detail

Toilets

Toilet infrastructure on the site has been designed to cope with a maximum daily site capacity of 300 people, inline with national construction code (NCC) requirements.

This includes 1 female pans, 1 male pans, 1 female wash basins and 1 male wash basins. 1 x accessible toilet cubicle is provided in addition to the 2 other toilets. Baby change facilities will be provided in the accessible toilet cubicle. All toilets will be located within the visitor welcome centre. No toilet facilities will be available at the art installation.

Waste Water

All wastewater will be treated onsite using an aerated wastewater treatment system (AWTS). This system has a capacity of 3000L a day, which is ample for the day to day running of the Transformer site. A system suitability statement provided by Geo Environmental Solutions has set the site capacity at 300 people with an allowance to exceed this by two times once every quarter.

The AWTS will be serviced quarterly by an accredited service contractor in line with conditions set out in the plumbing permit provided by Huon Valley Council.

Cleaners

General day-to-day site cleaning in front of house areas (including the art installation), kitchen and other back of house areas will be conducted/managed by the site manager as part of their daily duties for operating Transformer.

This 3rd party cleaning contractor will provide services to dispose of sanitary and other biohazardous waste, on a schedule as advised by that contractor.

A cleaning schedule for the mirrors within the artwork will also be arranged with a 3rd party supplier as required.

7 - SUSTAINABILITY

Overview
DarkLab takes sustainability seriously and is committed to reducing, reusing and recycling. No single use print material, relating to Transformer, will be available to patrons on the site. Where possible we will also capture and recycle soft plastics. **No Bottled Water Sales** Bottled water will not be for sale at the Transformer site. Free, filtered, water will be available to patrons all the time. Patrons are able to refill their own vessels or purchase a specially designed Transformer water bottle in the visitor welcome centre. **Single Use Plastics** No single use plastics will be used in the process of serving eat in or takeaway food items.

8 - ACCESSIBILITY

Overview
The whole Transformer site has been designed to be DDA compliant and ensure all patrons have an equal opportunity to experience the artwork. 2 x DDA car parks are supplied within the general car parking area, at the northern end closest to the visitor centre. All pathways throughout the site and the artwork itself are DDA compliant in both width and gradient. Routes taken between car parking and visitor welcome centre and between visitor welcome centre and artwork are the same for all patrons. 1 x accessible toilet cubicle is provided within the visitor welcome centre. Patrons who are unable to walk between the visitor welcome centre and the art installation have the option to book in assisted access to the art installation facilitated by staff in the site buggy. The use of this service should be pre booked with site staff prior to arrival on the site.

DarkLab is committed to providing an equal opportunity to experience Transformer to all patrons. As such DarkLab is in the process of developing interpretive material for visually and auditorily impaired patrons.

Disability Assistance Induction

All staff working at Transformer will receive a basic level of disability assistance competence training. The site manager will receive formal training from a suitably qualified person and will then be able to ensure a basic level of training is given to casual staff working at the site.

9 - FOOD & BEVERAGE

Overview

The food offering at the Transformer visitor welcome centre will be reheat only. A range of food reheating and cooling infrastructure will be used to facilitate this including;

- Pie Oven
- Sandwich Press
- Soup Urn
- Induction Hob
- Fridges
- Freezer
- Dishwasher
- Hotwater heater

Food offerings will be sourced from local Huon Valley producers where possible and operate on a rolling roster between different producers from the area. Updated information about what food will be available, when, will be contained on the Transformer website. Vegetarian, Vegan and gluten free options will be available at all times.

DarkLab will work with Public Health Services Tasmania to ensure that the setup and offering of food is compliant with restrictions associated with a reheat kitchen framework. A high temperature dishwasher will be used to sterilize kitchenware between uses.

Hot drinks, including espresso coffee will be available from the visitor welcome centre. A range of bottled cold drinks will also be available.

A range of alcoholic drinks will also be served. A designated licensed area of the site will be identified in consultation with the Tasmanian Liquor and Gaming Association. This licensed area will be both inside the visitor welcome centre and a section of the outdoor dining area. DarkLab will remain the licensee of the site once subleased to a proprietor. It will be the responsibility of the site manager to ensure all staff serving alcohol have a valid RSA certificate and that responsible service of alcohol practices are maintained at all times

DarkLab and the site manager will work together to ensure that food and drink service operations are compliant with any measures in place to stop/reduce the spread of COVID-19.

10 - SMOKE FREE MANAGEMENT PLAN

Overview
Transformer is a smoke free site and as such smoking anywhere across the Transformer site, except the designated smoking area, is prohibited. DarkLab will seek advice from a tobacco control officer from the Department of Health and Human Services on the position of the designated smoking area. Signage will be used across the site to communicate with patrons where they can and can't smoke. The designated smoking area will be located within the licensed area of the site. There will be no designated smoking area outside of the licensed area of the site.

11 - SITE MAINTENANCE/MANAGEMENT

11.1 - Grounds Management
The Site Manager will be responsible for the ongoing maintenance of the site, including maintaining the walking track and continual fuel load reduction. The site manager must do daily checks of the walking track between the visitor welcome centre and the art installation to ensure that the condition of the track remains suitable for DDA access to the art installation. If the site manager deems the condition of the track not suitable for DDA access, due to erosion or other damage, processes should be put in place to use the site buggy to transport patrons requiring assistance to and from the art installation until such time as the track condition can be remedied. Equipment and materials to conduct minor maintenance to the walking track should be kept on the site so the site manager can undergo minor maintenance procedures with the need of engaging a 3rd party contractor.

Section 3.3 (Bushfire Emergency Management) details procedure for grounds maintenance and fuel load reduction that need to be undertaken to reduce the risk of bushfire.

11.2 - Weed Management

To reduce the risk of invasive weeds and disease, phytophthora cinnamomi (PC) impacting the site the following measures will be undertaken:

- Users should be directed to stay on tracks and other formed surfaces with signage
- Maintain a shoe wash station at the start of the track consistent with those used in national parks and reserves.
- At least one staff member should be trained in basic identification of weeds (including blackberry and Spanish heath) and symptomatic evidence of PC, supported by an action plan that outlines what to do if weeds or pathogen symptoms are observed.
- Biennial spring/summer weed and pathogen inspections of the site, with scope for subsequent control actions if required.

11.3 - Heritage Management

DarkLab and the Transformer Site Management will perform a role of passive monitoring of the heritage infrastructure at the Ida Bay Railway.
Any observed risks to Transformer patrons resulting from degraded and dangerous infrastructure will be immediately communicated to PWS for rectification.

12 - WILDLIFE IMPACT MANAGEMENT

12.1 - Swift Parrots and other birds

DarkLab has commissioned North Barker Ecosystem Services to undergo a thorough process of modelling and assessment to ensure that the risk of bird collision with the internal mirrors of the art installation is very low. Site management staff will undertake a constant and thorough monitoring process in and around the artwork to ensure there are no unforeseen impacts on native wildlife, in particular swift parrots, as a result of collision with the art installation. Monitoring and mitigation measures recommended by North Barker Ecosystems Management are;

- Annual pre-season checks on foraging trees and the likelihood of flowering food plants within the vicinity of the development.
- Utilisation surveys within seasons where food plants on site are flowering and/or the Southern Forests swift parrot important breeding areas (SPIBA) is known to be host to significant numbers of breeding pairs.
- Regular systematic patrols around the development buildings to document bird collision mortalities in line with Hager, S.B and Cosentino, B. J. (2014). Surveying for bird carcasses resulting from window collisions: a standardized protocol.
- Mitigation strategies for if mortalities occur in relation to particular design elements or habitat variables (e.g. flowering events) – mitigation options may include alterations to the building designs or facades to the degree necessary.

12.2 - Roadkill

DarkLab recognises that an increase in traffic traveling to and from the Transformer site along the Huon Highway poses an increased risk of road. As such a number of mitigation measures will be put in place to ensure that this risk is minimised as much as possible.

- The risk of animals being hit on the road is most significant between dawn and dusk, as such the public opening hours for Transformer have been designed so that patrons will leave the site at least 1 hrs before it gets dark.
- Interpretive material will be made available on the site to inform visitors of the risk of hitting animals on the roads and to advise the driving in rural and remote areas is best done before dusk.
- Signage, to remind people to drive carefully, will be in place at the exit to the carpark to remind patrons of the risks of road kill as they are leaving the site.
- Endangered species, primarily the Tasmanian Devil, will be the main focus of interpretive material and signage on the site.

13 - SECURITY SYSTEMS & PROTOCOL

Overview
DarkLab is developing a range of security measures which are to be employed across the site. The day to day operation of the site will be subleased. **Visitor Welcome Centre** A remotely monitored alarm system will be installed in the visitor welcome centre. If triggered this alarm system will send alerts to the security company, the site manager and a nominated representative from DarkLab. A minimal CCTV camera system will also monitor the visitor welcome centre focussing on particularly sensitive areas of the building, eg where alcohol is stored, and in areas of high pedestrian activity. **Art Installation** A motion tracking alarm system will be installed in the art installation. This system will send alerts to the security company, site manager and a DarkLab representative if triggered. It is extremely likely that any out of hours intrusion into the art installation will be of mischievous and not malicious intent. As such an audio alarm will also form part of the security system for Transformer and should be effective to ward off the majority of intruders into the area. A locked gate at the junction of the vehicle access track (to the art installation) and South Lune Rd will prevent anyone traveling via vehicle onto the art installation site. Another locked gate at the start of the walking path from the visitor welcome centre will deter people venturing to the art installation after opening hours.

14 - COMPLAINTS & ENQUIRIES

14.1 - Traffic
Site Manager – Contact TBC

14.2 - Sound
Site Manager – Contact TBC

14.3 - Facilities
DarkLab – Contact TBC

14.4 - Customer Service
DarkLab – Contact TBC

14.5 - Overall Experience
DarkLab – Contact TBC

15 - MEDIA

External media allowed on site will be at DarkLab's discretion and will be kept to a minimum. All media should be accredited or accompanied by one of the DarkLab Media Team.Under no circumstances are any staff or contractors working for DarkLab or Transformer to answer any questions by media without prior consent from one of the DarkLab Media Team.

If any media are onsite unaccompanied or without accreditation, please refer them to:

Media Manager - DarkLab
Rebecca Fitzgibbon - 0408 102 919, rebecca@darklab.net.au

APPENDIX

- APPENDIX 1 - Transformer Site Plan
- APPENDIX 2 - Transformer Site Plan detail