



## Termite / Timber Pest Report

Inspection Date: 30 Mar 2020

Property Address: Bundoora Area



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If you have any queries with this report or require further information, please do not hesitate to contact the person who carried out the inspection.

# Inspection details

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Property Address: Bundoora Area

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Date: 30 Mar 2020

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Report Type: Timber Pest Report

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## Client

Name:

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Email Address:

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Phone Number:

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## Consultant

Name: Les Camilleri Ph: 0411807766

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Email Address: les@masterpropertyinspections.com.au

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Licence / Registration Number: A25361

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Company Name: Master Property Inspections

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Company Address: Victoria

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Company Phone Number: 0411 807766

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# General description of property

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Building Type:	Detached house
Number of Storeys:	Single storey
Smoke detectors:	Not Applicable IMPORTANT NOTE - The adequacy and testing of smoke detectors is outside the scope of this standard inspection and report. Accordingly, it is strongly recommended that a further inspection be undertaken by a suitably qualified person.
Siting of the building:	Not Applicable
Gradient:	The land is relatively steep
Site drainage:	The site appears to be poorly drained in areas as stated in the report.
Access:	Easy pedestrian and vehicular access
Main utility services:	Not Applicable
Occupancy status:	Occupied
Furnished:	Fully furnished
Strata or company title properties:	No
Orientation of the property:	The facade of the building faces north Note. For the purpose of this report the façade of the building contains the main entrance door.
Weather conditions:	Dry

## Primary method of construction

Main building – floor construction:	Concrete Stumps, Brick foundation walls, Suspended timber framed, Floorboards
Main building – wall construction:	Brick veneer (timber framed)
Main building – roof construction:	Timber framed, Pitched roof, Finished with roofing tiles
Other timber building elements:	Various Other Timbers As Too Many To Mention, Timber decking, Skirting, Floor Boards , Doors
Other building elements:	Rear Decking, Garage
Overall standard of construction:	Acceptable
Overall quality of workmanship and materials:	Acceptable
Level of maintenance:	Well maintained

## Special conditions or instructions

Special requirements, requests or instructions given by the client or the client's representative -

There are no special conditions or instructions

## Inspection agreement

AS 4349.3-2010 requires that an inspection agreement be entered into between the inspector & the client prior to the conduct of the inspection. This agreement sets out specific limitations on the scope of the inspection and on limits that apply in carrying it out. Where specific State or Territory requirements apply in addition to the scope of work in this agreement, or where the inspector and client agree to additional matters being covered, that additional scope is listed at the end of this agreement. It is assumed that the existing use of the building will continue.

Inspection agreement supplied: No

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## Terminology

The definitions below apply to the types of defects associated with individual items / parts or inspection areas -

<b>Damage</b>	The building material or item has deteriorated or is not fit for its designed purpose
<b>Distortion, warping, twisting</b>	The item has moved out of shape or moved from its position
<b>Water penetration, Dampness</b>	Moisture has gained access to unplanned and / or unacceptable areas
<b>Material Deterioration</b>	The item is subject to one or more of the following defects; rusting, rotting, corrosion, decay
<b>Operational</b>	The item or part does not function as expected
<b>Installation</b>	The installation of an item is unacceptable, has failed or is absent

## Scope of inspection

This Visual Timber Pest Inspection & Report is in accordance with Australian Standard 4349.3 -Inspection of Buildings Part 3: Timber Pest Inspections. This Report only deals with the detection or non-detection of Timber Pest Attack and Conditions Conducive to Timber Pest Attack discernible at the time of inspection. The inspection was limited to the Readily Accessible Areas of the Building & Site and was based on a visual examination of surface work (excluding furniture and stored items), and the carrying out of Tests.

# Accessibility

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## Areas Inspected

The inspection covered the Readily Accessible Areas of the Building and Site.

- The site
- Roof exterior
- Building exterior
- Building interior
- Subfloor In Part
- Roof Space - ONLY Partial
- The Site
- Limited Areas

## Areas not inspected

The inspection did not include areas, which were inaccessible, not readily accessible or obstructed at the time of inspection. The Consultant did not move or remove any obstructions which may be concealing evidence of defects including timber pest attack. Areas, which are not normally accessible, were not inspected such as under slabs on ground as it is not “considered practical” to gain access to them. Evidence of timber pest attack in obstructed or concealed areas may only be revealed when the items are moved or removed or access has been provided.

## Obstructions and Limitations

The following obstructions may conceal defects:

- Brickwork
- Built-in cupboards
- Ceilings
- Clothing and personal effects
- Flooring
- Furniture
- Stored articles in cupboards
- Stored articles in wardrobes
- Decking
- Earth abutting the building
- Duct work
- Leaves
- Thick foliage
- Thermal insulation
- Vegetation

- Appliances and equipment
- Ceiling cavity inspection was obstructed by approximately 50% due to obstructions like insulation, ducting and poor clearance or access restrictions.
- Soil Abutting The Slab
- Wardrobes, as general clothing, boxing or similar, obscured inspection to these areas
- Cupboard areas, such as sink areas, bathroom cupboards and similar
- Plaster Installation is a HIGH obstruction in this particular property.

Obstructions increase the risk of undetected defects, please see the overall risk rating for undetected defects.

## Inaccessible Areas

The following areas were inaccessible:

- Areas of low roof pitch
- Subfloor part
- Roof Space Part

Any areas which are inaccessible at the time of inspection present a high risk for undetected building defects. The client is strongly advised to make arrangements to access inaccessible areas urgently.

## Undetected timber pest risk assessment

Due to the level of accessibility for inspection including the presence of obstructions, the overall degree of risk of undetected timber pest attack and conditions conducive to timber pest attack was considered:

### **HIGH**

A further inspection is strongly recommended of those areas that were not readily accessible and of inaccessible or obstructed areas once access has been provided or the obstruction removed. This will involve a separate visit to the site, permission from the owner of the property and additional cost. For further information or advice see Section C "Accessibility".

Unless stated otherwise, any recommendation or advice given in this Report should be implemented as a matter of urgency.

For further information including advice on how to help protect against financial loss due to timber pest attack see Section F.

# Summary

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SUMMARY INFORMATION: The summary below is used to give a brief overview of observations made in each inspection area. The items listed in the summary are noted in detail under the applicable sub headings within the body of the report. The summary is NEVER to be relied upon as a comprehensive report and the client MUST read the entire report and not rely solely on this summary. If there is a discrepancy between the information provided in this summary and that contained within the body of the Report, the information in the body of the Report shall override this summary. (See definitions & information below the summary to help understand the report)

Evidence of active (live) termites	<b>Not Found</b>
Evidence of termite activity (including workings) and/or damage	<b>Found</b>
Evidence of a possible previous termite management program	<b>Not Found</b>
Evidence of chemical delignification damage	<b>Not Found</b>
Evidence of fungal decay activity and/or damage	<b>Not Found</b>
Evidence of wood borer activity and/or damage	<b>Found</b>
Evidence of conditions conducive to timber pest attack	<b>Found</b>
Evidence of serious safety hazards	<b>Not Found</b>
Next inspection to help detect a future termite attack is recommended in	

Due to the level of accessibility for inspection including the presence of obstructions, the overall degree of risk of undetected timber pest attack and conditions conducive to timber pest attack was considered:

## **HIGH**

A further inspection is strongly recommended of those areas that were not readily accessible and of inaccessible or obstructed areas once access has been provided or the obstruction removed. This will involve a separate visit to the site, permission from the owner of the property and additional cost. For further information or advice see Section C "Accessibility".

Unless stated otherwise, any recommendation or advice given in this Report should be implemented as a matter of urgency.

For further information including advice on how to help protect against financial loss due to timber pest attack see Section F.

## Additional specialist inspections

It is Strongly Recommended that the following Inspections and Reports be obtained prior to any decision to purchase the Property and/or before settlement. Obtaining these reports will better equip the purchaser to make an informed decision.

- Termite & Timber Pest Technician / Licensed Pest Controller

# Significant items

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The following items were reported on in accordance with the Scope of Inspection.

## Timber pest attack

### **ACTIVE (LIVE) TERMITES**

Important Note. As a delay may exist between the time of an attack and the appearance of telltale signs associated with an attack, it is possible that termite activity and damage exists though not discernible at the time of inspection.

No evidence was found.

### **SUBTERRANEAN TERMITE MANAGEMENT PROPOSAL**

No evidence was found.

### **TERMITE WORKINGS AND/OR DAMAGE**

## Timber pest attack 1.01

Location: Subfloor

Finding: Termite - Damage Identified.

It is suspected that termite activity is occurring or has occurred or there is evidence of termite damage.

Damage caused by termites found in termite areas is considered a defect if the termite management system is not installed in accordance with the BCA / NCC and relevant Australian Standards.

Despite no live termite or timber pest activity being identified, previous termite damage was found in this area.

Such damage creates a potential safety hazard, and is likely to worsen and cause further damage to adjoining building materials.

If left unattended, this damage creates an unsafe environment and is likely to lead to the need for major structural works.

A building contractor should be appointed immediately to advise on options to prevent further damage and repair all affected building materials. Until such time, caution should be taken by all people coming into contact with these building elements and this area.

The application of a post-construction chemical termite barrier or other termite treatments is highly recommended for all properties, particularly if live termite activity has been found on the site previously. Such barriers are highly effective in preventing termite attack on any timber building elements throughout the property.

A durable notice should be placed in the switchboard unit to indicate current termite barriers. At the time of inspection, it appeared as though no termite management system has been installed, with no evidence to suggest preventative works taking place.

We HIGHLY RECOMMEND the client may consider gaining further advice from a pest controller as to the costs and procedures involved with this application.

It is recommended that obtaining such advice be a short-term priority.

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ALL AREAS should be checked carefully for this defect and attached are a few PHOTO EXAMPLES as a GUIDE.  
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Please Note :

NO termites were detected at the time of the inspection, however termite timber pest damage WAS FOUND on the property and further information is in the report.

The home appears to NOT have a durable notice in the switchboard / meter box, meaning that it appears that there is NO termite protection that would have taken place on this property.

It is highly recommended that a Termite Chemical Barrier System and/or other suitable Termite Treatment with a preventative maintenance program be put in place.

The property is a high risk for termites as the environments to the property are very conducive with many susceptible areas as noted above.

It is impossible to identify all areas for termites, timber pest and timber pest damage. I can not stress how important it is to always keep trees, vegetation, timber and other debris and/or all other items not only around the home but to the entire property clean and maintainable to reduce the high risk for termite activity and to keep the environment as low risk as possible for a conducive and susceptible area or areas for termites and timber pests. It is impossible to identify all areas for termites, timber pest and timber pest damage.

It is impossible to identify all areas for termites, timber pest and timber pest damage.

Please read the report carefully and Maintenance to all susceptible and conducive areas is a MUST to minimise the risk of termite and timber pest existence and timber damage.





**PREVIOUS TERMITE MANAGEMENT PROGRAM**

No evidence was found.

**CHEMICAL DELIGNIFICATION**

No evidence was found.

**FUNGAL DECAY**

No evidence was found.

## **WOOD BORERS**

## Timber pest attack 1.02

Location: Subfloor

Finding: Timber Pest - Damage Identified.

It is suspected that timber pest activity is occurring or has occurred as there appears to be evidence of timber pest damage.

Damage caused by timber pests found in termite and timber pest areas is considered a defect if the termite management system is not installed in accordance with the BCA / NCC and relevant Australian Standards.

Despite no live termite or timber pest activity being identified, previous timber pest damage was found in these areas.

Such damage creates a potential safety hazard, and is likely to worsen and cause further damage to adjoining building materials.

If left unattended, this damage creates an unsafe environment and is likely to lead to the need for major structural works.

A building contractor should be appointed immediately to advise on options to prevent further damage and repair all affected building materials. Until such time, caution should be taken by all people coming into contact with these building elements and this area.

The application of a post-construction chemical termite barrier or other termite / timber pest treatments is highly recommended for all properties, particularly if live termite activity has been found on the site previously. Such barriers are highly effective in preventing termite attack on any timber building elements throughout the property.

A durable notice should be placed in the switchboard unit to indicate current termite barriers. At the time of inspection, it appeared as though no termite management system has been installed, with no evidence to suggest preventative works taking place.

We HIGHLY RECOMMEND the client may consider gaining further advice from a pest controller as to the costs and procedures involved with this application.

It is recommended that obtaining such advice be a short-term priority.

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## **FREQUENCY OF FUTURE INSPECTIONS**

The next inspection to help detect termite attack is recommended in:

Important Note. Australian Standard AS 3660 recognises that regular inspections will not prevent termite attack, but may help in the detection of termite activity. Early detection will allow remedial treatment to be commenced sooner and damage to be minimised.

## **Conditions conducive to timber pest attack**

The Consultant sought evidence of noticeable building deficiencies or environmental factors that may contribute to the presence of timber pests. In respect of moisture management issues, the inspection included the potential for or presence of water or dampness in unintended locations.

## **LACK OF ADEQUATE SUBFLOOR VENTILATION**

No evidence was found.

## **THE PRESENCE OF EXCESSIVE MOISTURE**

## Conditions conducive to timber pest attack 2.03

Location: Perimeter Of Building - Exterior

Finding: Drainage - Inadequate

Please note this is not a building inspection, however this statement is also assist with the building inspection, but the point of this statement is related to termites and conducive environment to termite's

Water pooling near foundations and footings is a serious concern with the potential to adversely impact on the longevity of the dwelling. The Building Code of Australia (BCA) outlines that the soil or concrete must be graded away from the dwelling at a minimum of 50mm over 1m (1:50 fall).

The site drainage in this area was found to be inadequate at the time of inspection, creating potential for subsequent water damage to associated building elements, such as foundation subsidence, brickwork cracking, windows and doors moving, concrete paths cracking, etc.

It is important that water does not lie against the base of walls; surrounding paths and ground levels should be sloped to drain water away from walls of the building. Downpipes should not disgorge stormwater onto lower walls or plinths. Stormwater should be carried away by large, regularly cleaned drains.

Ground levels may need to be lowered or re-levelled.

Where site drainage is inadequate, installation of an Agricultural (Aggie) Drain may be required or more serious remedial works.

This has the potential for foundation subsidence and/or secondary damages such as structural defects such as brick movement / cracking as already mentioned above.

It is highly recommended that a plumber be appointed to further inspect the area and to install / repair adequate drainage equipment where necessary.

If secondary damages have accrued we highly recommend that you engage a structural engineer and/or a registered builder for remedial works.

A qualified plumber and/or builder should be appointed to further inspect the property and perform any remedial works as necessary.

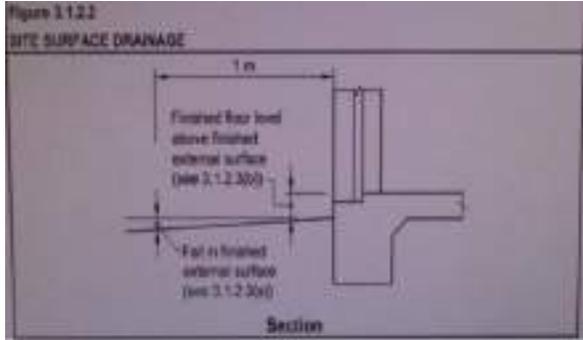
Water damage and secondary defects are likely to occur if left unmanaged.

The property is a very high risk for termites as the environments to the property are very conducive with many susceptible areas.

Please read the report carefully and Maintenance to all susceptible and conducive areas is a MUST to minimise the risk of termite and timber pest existence and timber damage.

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 ALL AREAS should be checked carefully for this defect and attached are a few PHOTO

EXAMPLES as a GUIDE.



## Conditions conducive to timber pest attack 2.04

Location: Perimeter Of Building - Exterior

Finding: Water Leaking & Water Ingress - External Areas

Water leaks were found to be present to the exterior sides, tops and or bottoms of the windows and/or doors and other areas as per the photos attached, such as brick expansion joints and timber and cement sheet junctions above windows , eaves and other areas.

Leaks are generally caused by deterioration of silicon or rubber seals or sometimes just defective workmanship when no caulking as ever been used .

With gaps like these that can be only a few millimeters to be exposed to weather conditions, can cause wood rott internally to the walls create a conducive environment for termites or possibly cause secondary defects the have the potential for structural damage the can be seen or in the walls internally.

Such leaking creates damp conditions in the affected area, causing potential for water pooling and subsequent water damage if left unattended. These conditions may also attract termite attack as already mentioned above, particularly if the area is subject to minimal levels of sun throughout daylight hours.

It is highly advised that a licensed plumber, handyman, builder be appointed to rectify any water leaks that may be present.

These type of areas require a suitable long lasting exterior silicon or caulking to all areas that are exposed.

It is important to note once caulking these areas if water damage is noticeable to windows, timbers, etc, such as wood rott, it is imperative to engage the appropriate trades for replacement or repairs.

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ALL AREAS should be checked carefully for this defect and attached are a few PHOTO EXAMPLES as a GUIDE.  
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## Conditions conducive to timber pest attack 2.05

Location: Perimeter Of Building - Exterior

Finding: HWS Overflow - Not Connected

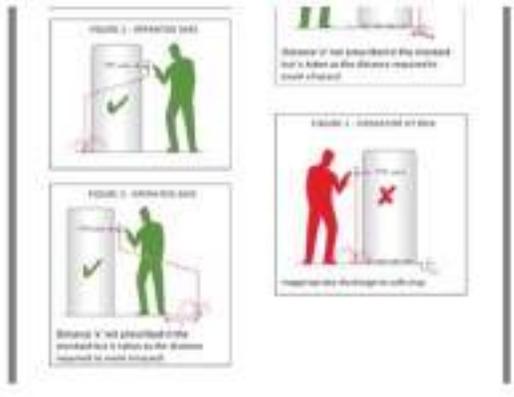
The Hot Water System (HWS) overflow was found to be disconnected from storm water draining and is creating excessive moisture in the surrounding area.

These damp conditions can lead to secondary defects such as rot, rust or corrosion of associated building elements, the formation of fungal decay, or even the creation of potential slip hazards. When coupled with poor site drainage, pooling of water may also attract termite activity to this area.

It is highly recommended that a licensed plumber be appointed to connect the HWS overflow in order to prevent such an environment from being created. These minor works should be carried out as soon as possible.

Maximum Pipe Length	Maximum Number of Bends (90°)
10m	2
15m	3
20m	4

Maximum Pipe Length	Maximum Number of Bends (90°)
10m	2
15m	3
20m	4



## Conditions conducive to timber pest attack 2.06

Location: Garden Areas - All Areas

Finding: Garden trees - Overhanging and filling gutters  
 PLEASE NOTICE THE ATTACHMENT PICTURES TO THIS DEFECT STATEMENT;  
 H = the height of the tree at its full potential height, not its height today.  
 D = the distance from the tree to the building at the trees full potential height.  
 D = varies pending on one tree to 4 trees or more.

-----  
 Overhanging trees often result in excessive amounts of leaf debris accumulating in gutters.

Gutters are a critical part of the building's management of storm water and rain. It is therefore important that they be kept clear to prevent secondary damage to associated building elements, including exterior and interior walls, ceiling linings and any adjoining building elements. Where gutters are blocked, pooling of rainwater is likely to occur, fast-tracking rust and corrosion of the roof plumbing elements.

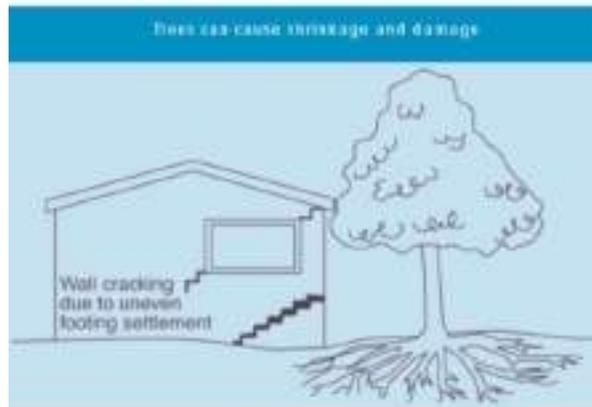
It is highly advised that all overhanging tree branches be removed as soon as possible to prevent any further damage. Repair and/or replacement of sections of damaged guttering may also be required where the extent of the damage necessitates.

Such works should be performed by the homeowner; however, appointment of a landscape contractor or an arborist may be required. Consultation with a licensed roof plumber is required where guttering has been damaged.

The property is a very high risk for termites as the environments to the property are very conducive with many susceptible areas.

Please read the report carefully and Maintenance to all susceptible and conducive areas is a MUST to minimise the risk of termite and timber pest existence and timber damage.

GENERAL DEFINITIONS OF SOIL STATES	
Class	Description
1	Very soft and loose soil with little or no ground movement from water change
2	Slightly weaker soil with slightly high ground movement from water change
3	Medium strength soil with little or no ground movement from water change
4	Highly resistant soil with little or no ground movement from water change
5	Extremely resistant soil with no ground movement from water change
6 to 9	Rock strata
10	Overconsolidated soil with little or no ground movement from water change, but with a high potential to decrease bearing capacity if the soil is disturbed by fire



$d = 1.0h$  (single tree)  
 $d = 1.5h$  (group of trees)  
 $d = 2.0h$  (row of 4 or more trees)

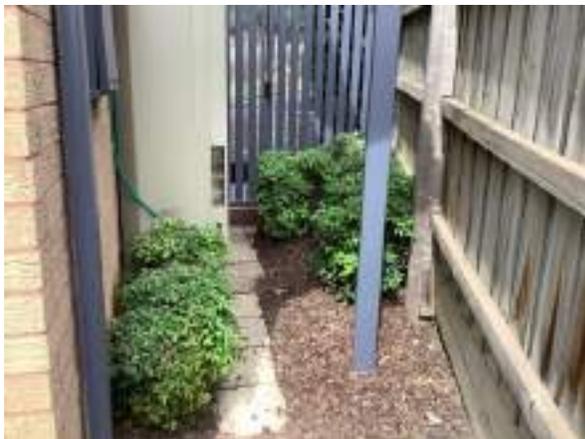


## Conditions conducive to timber pest attack 2.07

Location: Garden Areas - All Areas

Finding: Garden Beds - Conditions Conducive to Termites  
Garden beds were found to be evident in areas of garden areas. These garden beds can include untreated timber, bark, excessive old vegetation and with a combination of moisture from watering hosing can make conditions very conducive to termite activity and termite ingress. It is always important to keep the garden beds as clean as possible and take out excess old bark from the trees, leaves and keep bark mulch to a minimum or better introduce rocks or some item that does not create an conducive environment for termites and hold excess moisture.

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ALL AREAS should be checked carefully for this defect and attached are a few PHOTO EXAMPLES as a GUIDE.  
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## Conditions conducive to timber pest attack 2.08

Location: Garden Areas - All Areas

Finding: Garden Plants - Overgrown .

PLEASE NOTICE THE ATTACHMENT PICTURES TO THIS DEFECT STATEMENT;  
H = the height of the tree at its full potential height, not its height today.  
D = the distance from the tree to the building at the trees full potential height.  
D = varies pending on one tree to 4 trees or more.

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At the time of the inspection it was found that the plants are overgrown and close to the exterior building.

This has the effect to create a conducive environment for termites and restricts visual contact to the weep holes in the event that termites create a barrier into the property.

It is highly recommended that the plants be trimmed and/or moved away from the immediate area of the perimeter building...

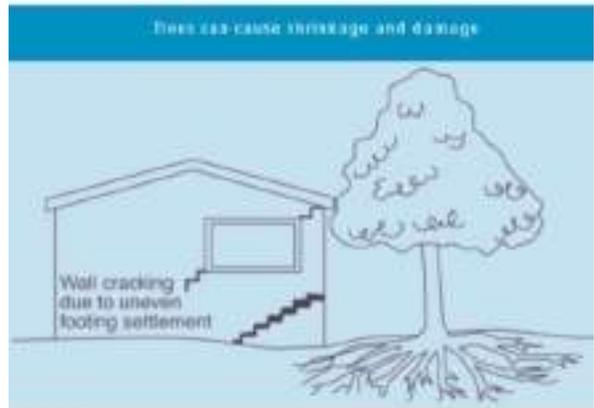
The property is a high risk for termites as the environments to the property are very conducive with many susceptible areas.

As noted above, I can not stress how important it is to severely reduce the trees, vegetation, timber and other debri and all other items not only around the home but to the entire property as a matter of urgency.

It is impossible to identify all areas for termites, timber pest and timber pest damage.

Please read the report carefully and Maintenance to all susceptible and conducive areas is a MUST to minimise the risk of termite and timber pest existence and timber damage.

d = 1.0h (single tree)  
d = 1.5h (group of trees)  
d = 2.0h (row of 4 or more trees)



SIGNIFICANT DEFICIENCIES OF SUN CLASSIES	
Class	Description
A	Very good protection over the life of the ground/structure from weather changes
B	Slightly weathered but still effectively high ground/structure from weather changes
C	Moderately weathered but still effectively high ground/structure from weather changes
D	Slightly weathered but still effectively high ground/structure from weather changes
E	Extremely weathered but still effectively high ground/structure from weather changes
F	Classified as
G	Very poor protection over the life of the ground/structure from weather changes, and the structure is damaged under conditions of the effect caused by weather changes



**BRIDGING OR BREACHING OF TERMITE MANAGEMENT SYSTEMS AND INSPECTION ZONES**

## Conditions conducive to timber pest attack 2.09

Location: Perimeter Of Building - Exterior

Finding: Weep Holes - Bridging Or Breaching Of Termite Barriers Defective.  
Bridging is the spanning of a termite barrier or inspection zone so that subterranean termites are provided with passage over or around that barrier.

Breaching is the making of a hole or gap in a termite barrier so that termites are provided with a passage over or around that barrier.

Weep holes in the exterior brickwork of the property are designed to allow condensation that may build up between the brickwork and subsequent timber framework to drain from within the wall hence preventing any deterioration of the timber building elements.

Where weep holes are covered by external ground levels such as paving or garden beds concealed entry is available for termites from these grounds into the brickwork or external wall materials.

Additionally build-up of moisture is likely to occur if weep holes are covered further attracting termite activity to these areas.

It is highly recommended that weep holes are left exposed 150mm from the bottom of the weep hole to the ground level and 75mm from the bottom of the weep hole to the top off concrete paving in all areas throughout the external property.

Therefore if any termite activity leading into weep holes becomes easily detectable during frequent pest inspections.

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ALL AREAS should be checked carefully for this defect and attached are a few PHOTO EXAMPLES as a GUIDE.  
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## UNTREATED OR NON-DURABLE TIMBER USED IN A HAZARDOUS ENVIRONMENT

### Conditions conducive to timber pest attack 2.10

Location: Garden Areas - All Areas

Finding: Timbers - In ground contact

Any timbers in direct ground contact provide opportunity for concealed termite entry and are likely to be subject to premature rot and decay as the soil retains moisture or damp conditions against the timbers.

When met with excessive moisture timber begins to decay and develop wood rot. Any timbers that are in direct contact with external grounds especially if left untreated or non-durable also provide ingress for subterranean termites into that particular element.

Remove untreated timber that is in direct contact with external grounds. Consider replacement with more durable materials i.e. treated timber or non timber elements.

Frequent pest inspections are advised to readily identify any termite activity in these areas.



### OTHER CONDITIONS CONDUCTIVE TO TIMBER PEST ATTACK

## Conditions conducive to timber pest attack 2.11

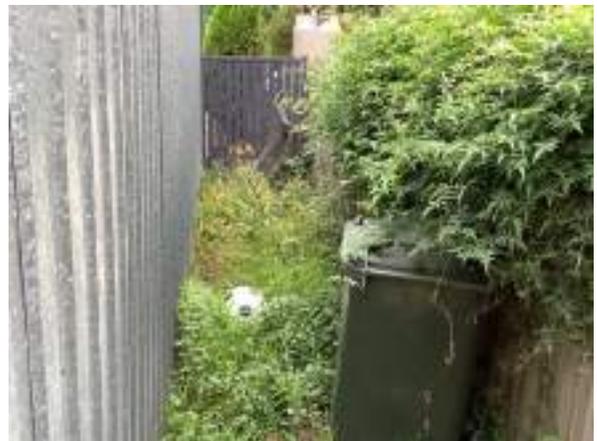
Location: The Site

Finding: Stored Timbers / Debris / Items - All Areas, Subfloor space or exterior external areas.  
The storing of timbers / debris / items in the subfloor space or around the external property increases the risk of termite activity being present, as they are likely to come into contact with weather conditions or excessive moisture where wood rot is likely to develop on timbers that are not treated, or where debris or items are stored

It is highly recommended that any stored timbers / debris or items be immediately removed from areas

It is highly recommended that any stored building materials or other materials be immediately removed from areas in which they may attract any termite / timber pest attack around the perimeter and/or sub floor areas of the dwelling and a re-inspection is carried out.

Minimisation of risk / prevention of termite attack is far more adequate than dealing with the presence of termite activity.





## Serious Safety Hazards

No evidence of Serious Safety Hazards were found

## Additional comments

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### IMPORTANT:

When you find this statement BELOW in the defects statements and/or findings in this report, it is important to further look for this item throughout the entire property for further areas of concern.

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ALL AREAS should be checked carefully for this defect and attached are a few PHOTO EXAMPLES as a GUIDE.  
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## Noted Items

### For your information

#### For your information 4.12

Location: The Site  
Finding: General Site Photos & Compass  
General site photos and other areas of interest are provided for your general reference.





## For your information 4.13

Location: The Site

Finding: Termite Management System - NO evidence of installation  
The application of a post-construction chemical termite barrier and/or baiting stations or the like is highly recommended for all properties, particularly if live termite activity has been found on the site previously. Such barriers are highly effective in preventing termite attack on any timber building elements throughout the property.

A durable notice should be placed in the switchboard unit to indicate current termite barriers.

At the time of inspection, it appeared as though no termite management system has been installed, with no evidence to suggest preventative works taking place.

The client may consider gaining further advice from a pest controller as to the costs and procedures involved with this application. It is recommended that obtaining such advice be a short-term priority.



## For your information 4.14

Location: The Site

Finding: Additional Photos - Obstructions and Limitations

These photographs are an indication of the obstructions and limitations which impeded full inspection of the property at the time of inspection.

These obstructions can hide an array of defects such as minor defects , major defects , safety hazards , termite activity and conducive environments for termites but not limited to.

These obstructions should be removed to allow full inspection to be carried out.

Whilst we have taken many photos of the home and surroundings of the obstructions and limitations , we have just added a few photos in the report for you to understand the type of obstructions and limitations .

A re-inspection is recommended once the areas are made accessible.







## For your information 4.15

Location: The Site

Finding: Identification Procedures Designed To Help identify Termite Activity - Timber Pest Damage  
All areas accessible of the dwelling are checked with particular attention paid to the wet areas which were closely assessed to check for excessive levels of moisture and temperature anomalies.

In attempt to identify the presence of hidden timber pest activity , a variety of techniques are adopted to identify irregularities including, a moisture meter and temperature digital meter assessments for comparison analysis , sounding of timber elements using a device called a "donga" visual assessments of materials affected by moisture or signs of deformity , trails and bridging constructed by termites , irregular and regular shaped holes in timber elements indicating pest destruction.

Termite activity generates high temperatures and this contract is grounds for further investigation.

The moisture content variation was within the acceptable range of 5% to 15% .

Temperature variations were all identified under 25 degrees which is consistent with normal range for building elements in these conditions.

At the time of the inspection there was evidence of ( timber pest ) damage / activity and visually accessible timber damage caused by termites and / or timber pest.

The levels of moisture in all areas were found to be in the normal range.

As all areas are not able to be inspected due obstructions and limitations, we therefore can not rule out the possibility of concealed timber pest activity.

Wall paneling, wall paper, carpet and fixed cabinetry can obscure termite activity.





### For your information 4.16

Location: Ensuite

Finding: Wet Areas, Moisture Present - Attract Termites.  
Excessive moisture can attract termites and produce conditions that promote termite attack fungal growth and wood decay as Termites are attracted to moisture.

Please note this is not a building inspection however tiled grout is missing and water ingress through the tile grout areas can create moisture.

All wet areas must be taken care of to reduce the HIGH risk of termite attraction.



## For your information 4.17

Location: Roof Space

Finding: Roof Void - Obstructions And Limitations-Insulation.  
These photographs are an indication of the obstructions and limitations mainly the insulation which has impeded full inspection of the property at the time of inspection.

These obstructions can hide an array of defects, without removing the insulation it is impossible to rule out termite activity and/or termite damage and other undetectable issues.

The property is a very high risk for termites as the environments to the property are very conducive with many susceptible areas.

Please read the report carefully and Maintenance to all susceptible and conducive areas is a MUST to minimise the risk of termite and timber pest existence and timber damage.



# Conclusion

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Your attention is drawn to the advice contained in the Terms and Conditions of this Report including any special conditions or instructions that need to be considered in relation to this Report.

The following Timber Pest remediation actions are recommended:

1. Yes - treatment of Timber Pest Attack is required.
2. In addition to this Report a Subterranean Termite Management Proposal to help manage the risk of future subterranean termite access to buildings and structures is recommended.
3. Yes - removal of Conditions Conducive to Timber Pest Attack is necessary.
4. Due to the susceptibility of the property to sustaining Timber Pest Attack the next inspection is recommended in .

# Risk management options

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To help protect against financial loss, it is essential that the building owner immediately control or rectify any evidence of destructive timber pest activity or damage identified in this Report. The Client should further investigate any high risk area where access was not gained. It is strongly advised that appropriate steps be taken to remove, rectify or monitor any evidence of conditions conducive to timber pest attack.

To help minimise the risk of any future loss, the Client should consider whether the following options to further protect their investment against timber pest infestation are appropriate for their circumstances:

Undertake thorough regular inspections at intervals not exceeding twelve months or more frequent inspections where the risk of timber pest attack is high or the building type is susceptible to attack. To further reduce the risk of subterranean termite attack, implement a management program in accordance with Australian Standard AS 3660. This may include the installation of a monitoring and/or baiting system, or chemical and/or physical management system. However, AS 3660 stresses that subterranean termites can bridge or breach management systems and inspection zones and that thorough regular inspections of the building are necessary.

If the Client has any queries or concerns regarding this Report, or the Client requires further information on a risk management program, please do not hesitate to contact the person who carried out this Inspection.

# Definitions to help you better understand this report

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“Timber Pest Attack” Timber Pest Activity and/or Timber Pest Damage.

“Timber Pest Activity” Telltale signs associated with ‘active’ (live) and/or ‘inactive’ (absence of live) Timber Pests at the time of inspection.

“Timber Pest Damage” Noticeable impairments to the integrity of timber and other susceptible materials resulting from attack by Timber Pests.

“Major Safety Hazard” Any item that may constitute an immediate or imminent risk to life, health or property resulting directly from Timber Pest Attack. Occupational, health and safety or any other consequence of these hazards has not been assessed.

“Conditions Conducive to Timber Pest Attack” Noticeable building deficiencies or environmental factors that may contribute to the presence of Timber Pests.

“Readily Accessible Areas” Areas which can be easily and safely inspected without injury to person or property, are up to 3.6 metres above ground or floor levels or accessible from a 3.6 metre ladder, in roof spaces where the minimum area of accessibility is not less than 600 mm high by 600 mm wide and subfloor spaces where the minimum area of accessibility is not less than 400 mm high by 600 mm wide, providing the spaces or areas permit entry. The term ‘readily accessible’ also includes:

- (a) accessible subfloor areas on a sloping site where the minimum clearance is not less than 150 mm high, provided that the area is not more than 2 metres from a point with conforming clearance (i.e. 400 mm high by 600 mm wide); and
- (b) areas at the eaves of accessible roof spaces that are within the consultant’s unobstructed line of sight and within arm’s length from a point with conforming clearance (i.e. 600 mm high by 600 mm wide).

“Client” The person or persons for whom the Timber Pest Report was carried out or their Principal (i.e. the person or persons for whom the report was being obtained).

“Timber Pest Detection Consultant” A person who meets the minimum skills requirement set out in the current Australian Standard AS 4349.3 Inspections of Buildings. Part 3: Timber Pest Inspection Reports or state/territory legislation requirements beyond this Standard, where applicable.

“Building and Site” The main building (or main buildings in the case of a building complex) and all timber structures (such as outbuildings, landscaping, retaining walls, fences, bridges, trees and stumps with a diameter greater than 100 mm and timber embedded in soil) and the land within the property boundaries up to a distance of 50 metres from the main building(s).

“Timber Pests” One or more of the following wood destroying agents which attack timber in service and affect its structural properties:

- (a) Chemical Delignification - the breakdown of timber through chemical action
- (b) Fungal Decay - the microbiological degradation of timber caused by soft rot fungi and decay fungi, but does not include mould, which is a type of fungus that does not structurally damage wood.
- (c) Wood Borers - wood destroying insects belonging to the order ‘Coleoptera’ which commonly attack seasoned timber.
- (d) Termites - wood destroying insects belonging to the order ‘Isoptera’ which commonly attack seasoned timber.

“Tests” Additional attention to the visual examination was given to those accessible areas which the consultant’s experience has shown to be particularly susceptible to attack by Timber Pests. Instrument Testing of those areas and other visible accessible timbers/materials/areas showing evidence of attack was performed.

“Instrument Testing” Where appropriate the carrying out of Tests using the following techniques and instruments:

- (a) electronic moisture detecting meter - an instrument used for assessing the moisture content of building elements;
- (b) stethoscope - an instrument used to hear sounds made by termites within building elements;
- (a) probing - a technique where timber and other materials/areas are penetrated with a sharp instrument (e.g. bradawl or pocket knife), but does not include probing of decorative timbers or finishes, or the drilling of timber and trees; and
- (d) sounding - a technique where timber is tapped with a solid object.

“Subterranean Termite Management Proposal” A written proposal in accordance with Australian Standard AS 3660.2 to treat a known subterranean termite infestation and/or manage the risk of concealed subterranean termite access to buildings and structures.

## Terms on which this report was prepared

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**SERVICE** As requested by the Client, the inspection carried out by the Timber Pest Detection Consultant (“the Consultant”) was a “Pre-Purchase Standard Timber Pest Report”.

**PURPOSE** The purpose of this inspection is to assist the Client to identify and understand any Timber Pest issues observed at the time of inspection.

**SCOPE OF INSPECTION** This Report only deals with the detection or non detection of Timber Pest Attack and Conditions Conducive to Timber Pest Attack discernible at the time of inspection. The inspection was limited to the Readily Accessible Areas of the Building & Site (see Note below) and was based on a visual examination of surface work (excluding furniture and stored items), and the carrying out of Tests.

Note. With strata and company title properties, the inspection was limited to the interior and the immediate exterior of the particular residence inspected. Common property was not inspected.

**ACCEPTANCE CRITERIA** Unless noted in “Special Conditions or Instructions”, the building being inspected was compared with a similar building. To the Consultant's knowledge the similar building used for comparison was constructed in accordance with generally accepted timber pest management practices and has since been maintained during all its life not to attract or support timber pest infestation.

Unless noted in “Special Conditions or Instructions”, this Report assumes that the existing use of the building will continue.

This Report only records the observations and conclusions of the Consultant about the readily observable state of the property at the time of inspection. This Report therefore cannot deal with:

- (a) possible concealment of timber pest attack, including but not limited to, timber pest attack concealed by lack of accessibility, obstructions such as furniture, wall linings and floor coverings, or by applied finishes such as render and paint; and
- (b) undetectable or latent timber pest attack, including but not limited to, timber pest attack that may not be apparent at the time of inspection due to seasonal changes, recent or prevailing weather conditions, and whether or not services have been used some time prior to the inspection being carried out.

These matters outlined above in (a) & (b) are excluded from consideration in this Report.

If the Client has any doubt about the purpose, scope and acceptance criteria on which this Report was based

please discuss your concerns with the Consultant on receipt of this Report.

The Client acknowledges that, unless stated otherwise, the Client as a matter of urgency should implement any recommendation or advice given in this Report.

## LIMITATIONS

The Client acknowledges:

1. This Report does not include the inspection and assessment of matters outside the scope of the requested inspection and report.
2. The inspection only covered the Readily Accessible Areas of the Building and Site. The inspection did not include areas which were inaccessible, not readily accessible or obstructed at the time of inspection. Obstructions are defined as any condition or physical limitation which inhibits or prevents inspection and may include – but are not limited to – roofing, fixed ceilings, wall linings, floor coverings, fixtures, fittings, furniture, clothes, stored articles/ materials, thermal insulation, sarking, pipe/duct work, builder's debris, vegetation, pavements or earth.
3. The detection of drywood termites may be extremely difficult due to the small size of the colonies. No warranty of absence of these termites is given.
4. European House Borer (*Hyloterpes bajulus*) attack is difficult to detect in the early stages of infestation as the galleries of boring larvae rarely break through the affected timber surface. No warranty of absence of these borers is given. Regular inspections including the carrying out of appropriate tests are required to help monitor susceptible timbers.
5. This is not a structural damage report. Neither is this a warranty as to the absence of Timber Pest Attack.
6. If the inspection was limited to any particular type(s) of timber pest (e.g. subterranean termites), then this would be the subject of a Special-Purpose Inspection Report, which is adequately specified.
7. This Report does not cover or deal with environmental risk assessment or biological risks not associated with Timber Pests (e.g. toxic mould) or occupational, health or safety issues. Such advice may be the subject of a Special-Purpose Inspection Report which is adequately specified and must be undertaken by an appropriately qualified inspector. The choice of such inspector is a matter for the Client.
8. This Report has been produced for the use of the Client. The Consultant or their firm or company are not liable for any reliance placed on this report by any third party.

## EXCLUSIONS

The Client acknowledges that:

1. This Report does not deal with any timber pest preventative or treatment measures, or provide costs for the control, rectification or prevention of attack by timber pests. However, this additional information or advice may be the subject of a timber pest management proposal which is adequately specified.