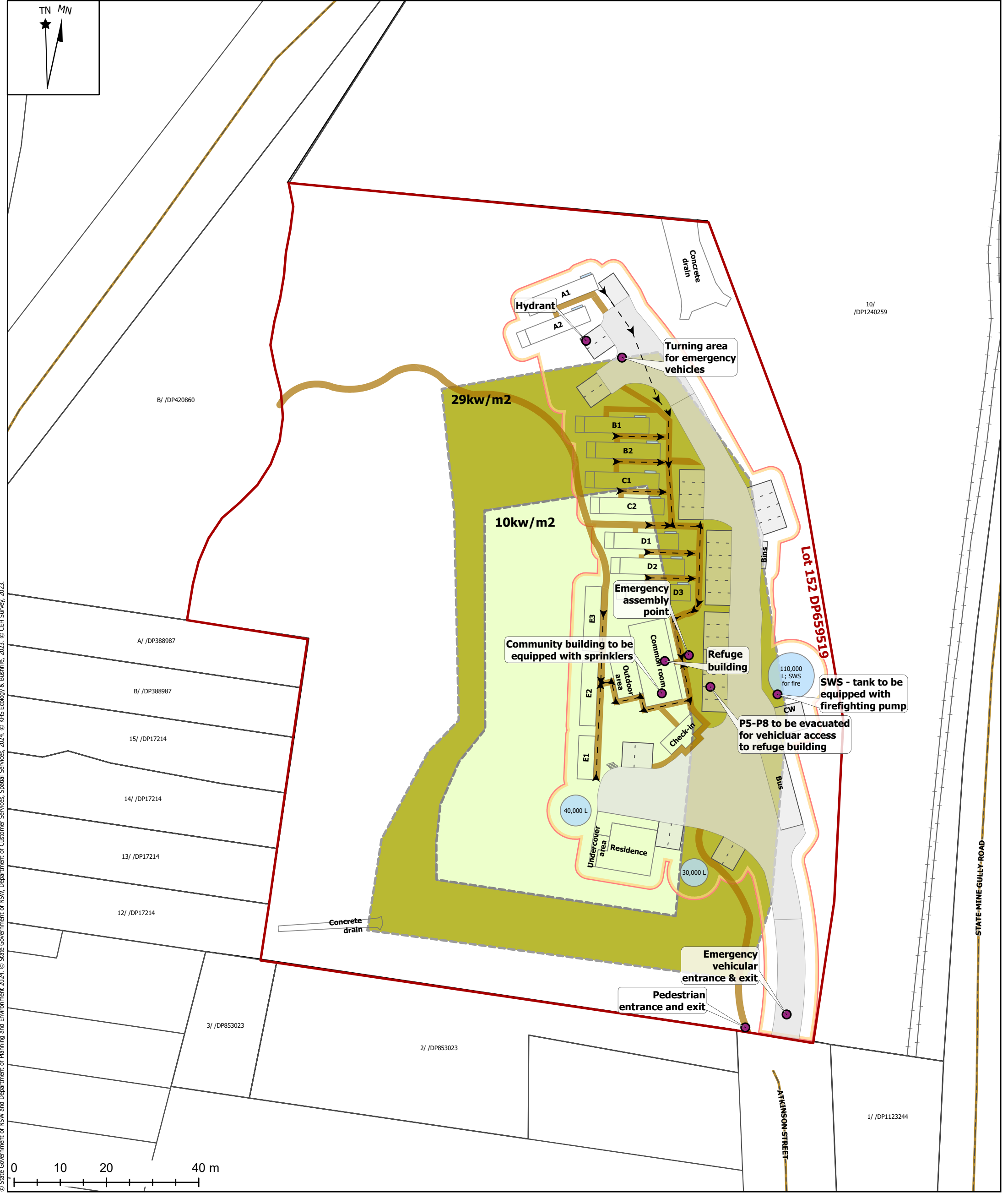


Category 1 Fire Safety Provisions – PAN441350– 51 Atkinson Street Mort's Estate

Definitions: Category 1 fire safety provision means the following provisions of the Building Code of Australia, namely, EP1.3, EP1.4, EP1.6, EP2.1, EP2.2 and EP3.2 in Volume One of that Code and P2.3.2 in Volume Two of that Code.

	Comment
<p>E1P3 Fire hydrants [2019: EP1.3]</p> <p>A fire hydrant system must be provided to the degree necessary to facilitate the needs of the <i>fire brigade</i> appropriate to—</p> <ul style="list-style-type: none"> (a) fire-fighting operations; and (b) the <i>floor area</i> of the building; and (c) the <i>fire hazard</i>. <p>Applications</p> <p>E1P3 only applies to a building where a <i>fire brigade</i> is available to attend.</p>	Hydrant is available from water tank Stortz hydrant.
<p>Performance Requirements</p> <p>E2P1 Automatic warning for sleeping occupants [2019: EP2.1]</p> <p>In a building providing sleeping accommodation, occupants must be provided with <i>automatic</i> warning on the detection of smoke so they may evacuate in the event of a fire to a <i>safe place</i>.</p> <p>Applications</p> <p>E2P1 only applies to a Class 2, 3, 9a or 9c building or Class 4 part of a building.</p> <p>E2P2 Safe evacuation routes [2019: EP2.2]</p> <p>(1) In the event of a fire in a building the conditions in any <i>evacuation route</i> must be maintained for the period of time occupants take to evacuate the part of the building so that—</p> <ul style="list-style-type: none"> (a) the temperature will not endanger human life; and <p style="text-align: right;">E2P2</p> <hr/> <p style="text-align: center;">Services and equipment</p> <ul style="list-style-type: none"> (b) the level of visibility will enable the <i>evacuation route</i> to be determined; and (c) the level of toxicity will not endanger human life. <p>(2) The period of time occupants take to evacuate referred to in (1) must be appropriate to—</p> <ul style="list-style-type: none"> (a) the number, mobility and other characteristics of the occupants; and (b) the function or use of the building; and (c) the travel distance and other characteristics of the building; and (d) the <i>fire load</i>; and (e) the potential <i>fire intensity</i>; and (f) the <i>fire hazard</i>; and (g) any active <i>fire safety systems</i> installed in the building; and (h) <i>fire brigade</i> intervention. <p>Limitations</p> <p>E2P2 does not apply to an <i>open-deck carpark</i> or <i>open spectator stand</i>.</p>	<p>Smoke Alarms are to be provided to service all bedrooms areas</p> <p>See information provided on the emergency management and evacuation plan (pages 1 and 2).</p>

<div><div><div>E3P2</div><div>Emergency lifts</div></div><div>[2019: EP3.2]</div><p>One or more passenger lifts fitted as emergency lifts to serve each floor served by the lifts in a building must be installed to facilitate the activities of the <i>fire brigade</i> and other emergency services personnel.</p><div><div>Applications</div><div>E3P2 only applies to—</div><div><div>(a)</div><div>a building with an <i>effective height</i> of more than 25 m; and</div></div><div><div>(b)</div><div>a Class 9a building in which <i>patient care areas</i> are located at a level that does not have direct access to a road or <i>open space</i>.</div></div></div></div>	<div>Not applicable</div>
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Scale at A3: 1:750 Magnetic North:12.28°E Name: GDA2020 MGA Zone 56

Consulting & Environmental Services
cessoils.com.au – on behalf of the client.

Legend

Lot 152 /-/ DP659519 (2.085 ha; Land zoning: C3 - Environmental Management)

Lot

Road

Railway tracks

Construction zone (6,403 sqm)

Proposed buildings

Car spaces

Driveway

Walkways

Water tank

Bushfire assessment zones*

10kw/m2

29kw/m2

* These areas have been modelled by KHS Ecology & Bushfire to have a maximum exposure of 10kW/m2 / 29kw/m2. The 10kw/m2 envelope is suitable for the on-site bush fire refuge for sheltering and can be considered the safest space during a bush fire emergency.

Emergency sheltering and evacuation routes

Walking routes to bushfire refuge onsite (common room) and to emergency assembly point

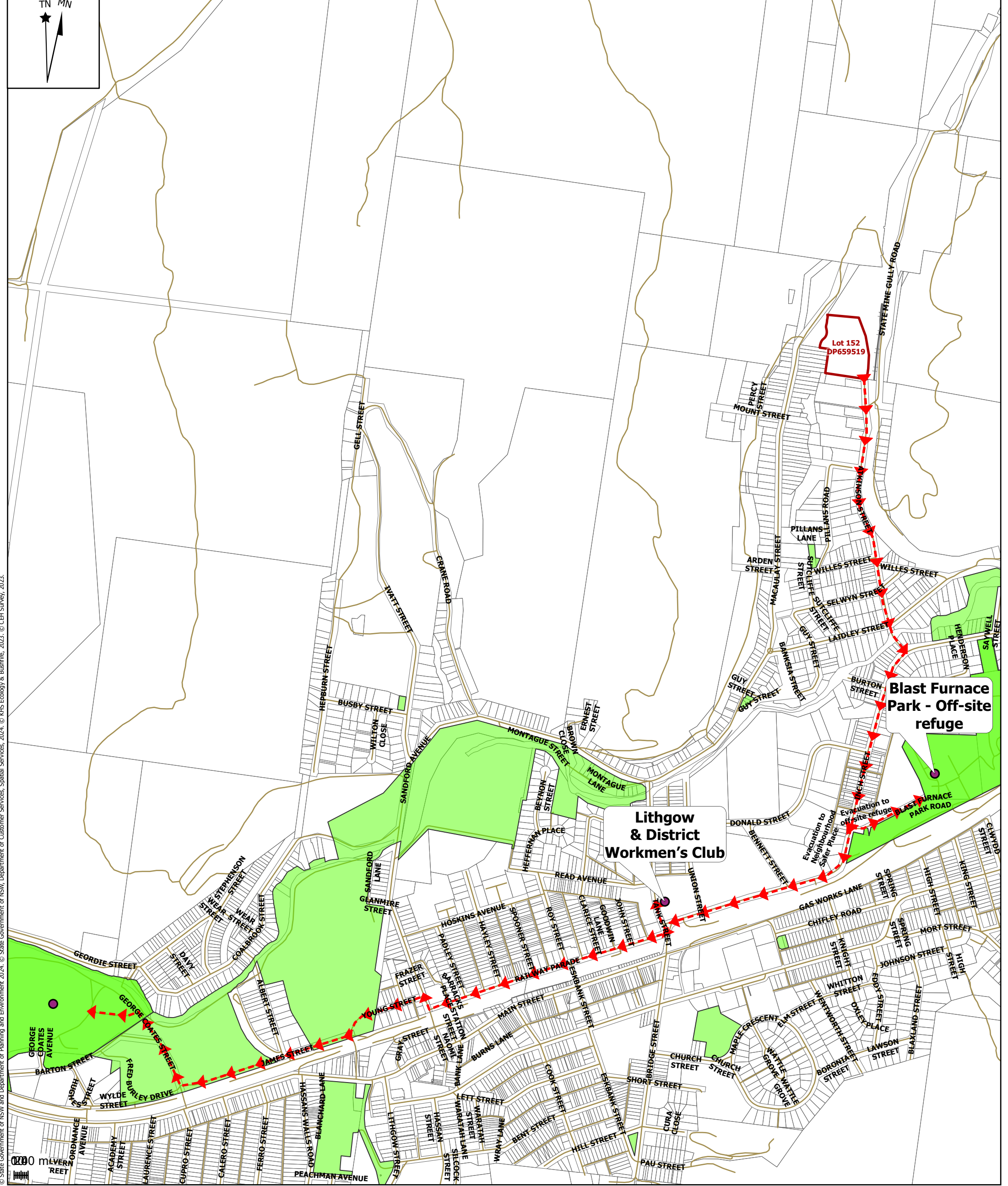
This design plan proposed must be verified accurately when used for construction purposes.

Emergency Management & Evacuation
EXPERIENCE OZ ECOTOURISM FACILITY

Lot 152, DP 659519
Client: Ben Harris
Site address: 51 Atkinson Street Mort's Estate Lithgow 2790 NSW

Project number: 136-2107
Drawing number: 41-2107

Drawn by: M.H. Environmental Drafting. Date:13/03/2024 4:58 PM



Scale at A3: 1:10,000 Magnetic North:12.28°E Name: GDA2020 MGA Zone 56

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Legend

- Lot 152 /-/ DP659519 (2.085 ha; Land zoning: C3 - Environmental Management)
- Lot
- Road
- Railway tracks
- Public recreation areas for evacuation

Emergency sheltering and evacuation routes

- ➡➡ Directions from Experience Oz Ecotourism Facility to three off-site refuges for evacuation

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Emergency Management & Evacuation Page 2
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