

Wildlife Conservation Decision Support (t/a)

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27/05/2026

Faunal Specialist Addendum: Review of Alternative 4 Layout.

This addendum relates to the following faunal specialist assessment report:

Venter, J.A. 2025. Terrestrial Animal Site Sensitivity Verification and Species Specialist Assessment Report - Proposed Residential Development on Portion 4 of the Farm 643, Stanford, Version 2. Technical Report prepared for Lornay Environmental Consulting, Hermanus, Western Cape, ZA.

The above report assessed the faunal sensitivity and potential faunal impacts associated with the proposed residential development on Portion 4 of Farm 643, Stanford. The assessment confirmed that the site has faunal sensitivity because of its position adjacent to the Klein River Estuary, the presence of Agulhas Limestone Fynbos, the confirmed or likely occurrence of faunal Species of Conservation Concern, and the role of the property in maintaining ecological linkages between terrestrial habitat and the estuarine environment.

I have reviewed the revised preferred layout, referred to as Alternative 4 (attached), as provided by the Environmental Assessment Practitioner. Alternative 4 retains the broad development layout already considered in the previous faunal specialist assessment but incorporates an additional design refinement: the previously proposed slipway has been removed. The revised layout retains access to the jetty by means of an informal pathway.

From a faunal specialist perspective, the removal of the slipway is supported. A slipway would have introduced additional physical disturbance along the estuary edge and would also have increased the likelihood of operational disturbance associated with launching, movement, trampling, noise and repeated activity at the water's edge. Its removal therefore reduces potential disturbance pressure on estuary-associated fauna and is consistent with the mitigation hierarchy, particularly the avoidance and minimisation of unnecessary estuary-edge impacts.

The remaining jetty was already considered in the revised layout assessed in Venter (2025), where the reduction from two jetties to one jetty was identified as a positive design refinement that reduced disturbance pressure on estuary-associated fauna. Alternative 4 does not introduce a new faunal impact beyond the layout already assessed in the specialist report. Instead, it represents a minor improvement because the slipway has now been removed from the preferred layout.

The informal pathway to the jetty is acceptable from a faunal perspective, provided that it remains low-impact. The pathway should be narrow, informal, permeable, and preferably aligned along an existing disturbed or least-sensitive route. It should not be widened, surfaced, hardened, lit,

or formalised into a road, boardwalk, service route, slipway or additional estuary-edge structure without further faunal specialist review.

The inclusion of the freshwater specialist's recommended 25 m construction buffer and 15 m operational buffer from the Klein River Estuary is also supported from a faunal perspective. These buffers will assist in reducing construction-related disturbance, operational edge effects and activity pressure along the estuary margin. The buffers should be implemented as minimum requirements and should be clearly demarcated during the construction phase.

Based on the above, Alternative 4 is supported from a faunal specialist perspective, subject to the conditions listed below.

Conditions of support

- All mitigation measures recommended in Venter (2025) remain applicable, including lighting management, pet control, alien plant control, SCC habitat protection, amphibian-friendly design, and maintenance of faunal landscape connectivity.
- Any future infrastructure, additional access routes, intensification of estuary-edge use, or material change to the assessed layout must be referred back to the faunal specialist.

Subject to these conditions, Alternative 4 is supported from a faunal specialist perspective. The no-development alternative remains the preferred biodiversity outcome, but Alternative 4 represents a lower-impact development layout than earlier alternatives because it removes the slipway while retaining the reduced development layout already assessed in Venter (2025).



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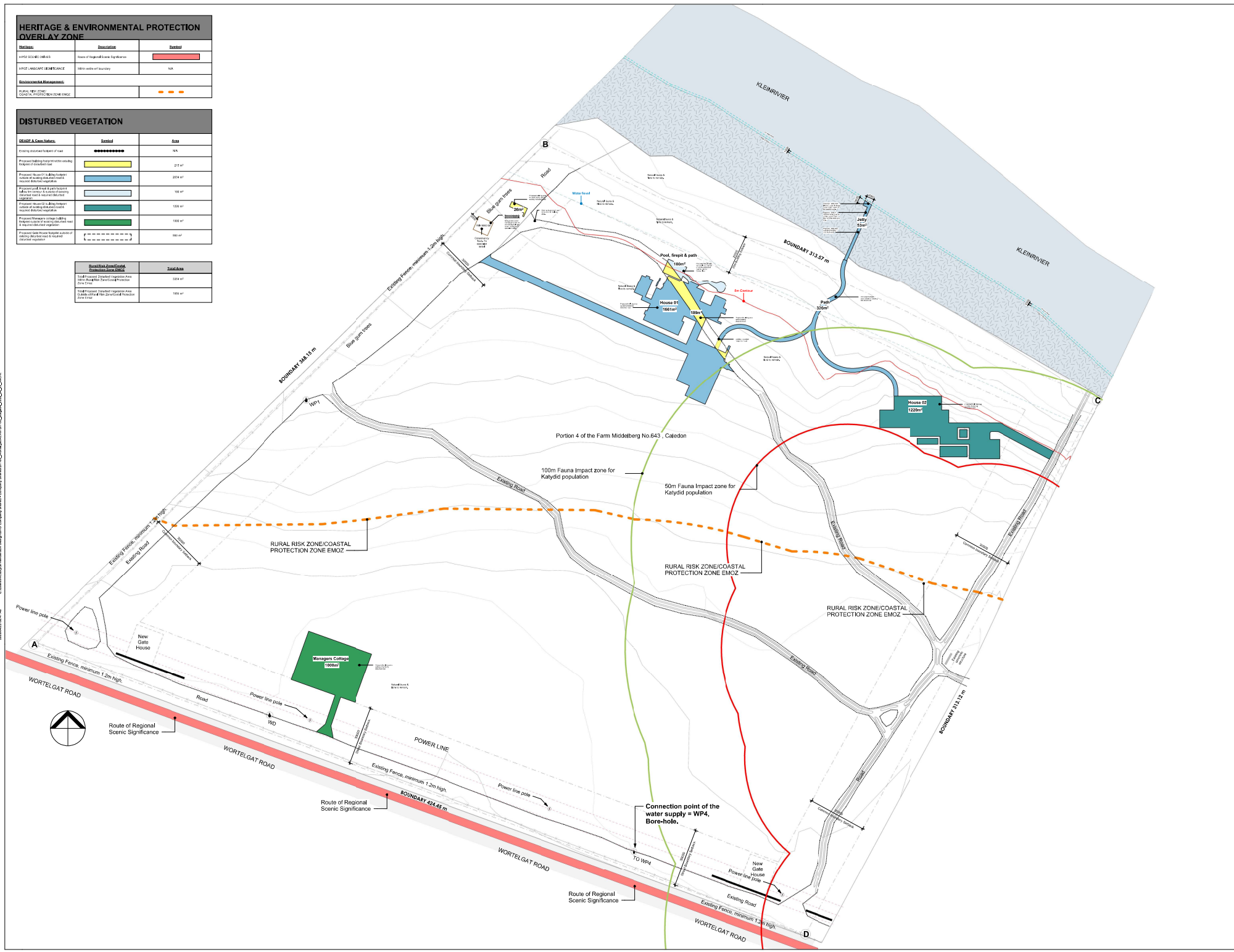
HERITAGE & ENVIRONMENTAL PROTECTION OVERLAY ZONE

Heritage	Description	Status
HERITAGE SIGNIFICANCE	None of Regional/Local Significance	Red
HERITAGE SIGNIFICANCE	100m wide art boundary	NA
Environmental Management		
BLANK HERITAGE SIGNIFICANCE		Orange

DISTURBED VEGETATION

Vegetation Class/Status	Status	Area
Existing Disturbed Vegetation	Red	6A
Proposed to be kept in situ with no further disturbance	Yellow	212 m ²
Proposed to be kept in situ with minimal disturbance	Light Blue	2324 m ²
Proposed to be kept in situ with moderate disturbance	Medium Blue	104 m ²
Proposed to be kept in situ with significant disturbance	Dark Blue	1320 m ²
Proposed to be kept in situ with severe disturbance	Green	1312 m ²
Proposed to be kept in situ with very severe disturbance	Dark Green	100 m ²

Rural Risk Zone/Coastal Protection Zone EMOZ	Total Area
100m Fauna Impact zone for Katydid population	2324 m ²
50m Fauna Impact zone for Katydid population	1000 m ²



General Notes:

- All works to be done in accordance with the National Building Regulations.
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REVISION

NO.	DATE	DESCRIPTION
1	2024/01/20	Final Design
2	2024/01/20	Final Design
3	2024/01/20	Final Design
4	2024/01/20	Final Design
5	2024/01/20	Final Design
6	2024/01/20	Final Design
7	2024/01/20	Final Design



PROJECT
Wortelgat
 FOR
CHEDDLES PROPRIETARY LIMITED

ST100_Wortelgat
 Site Plan - Disturbed Vegetation Option 2

SCALE: As indicated @ A0

PROJECT	DATE	BY	CHECKED
ST100	LA 1009	7	

DATE: 2024/01/20 09:47:41