SCREENING REPORT FOR AN ENVIRONMENTAL AUTHORIZATION AS REQUIRED BY THE 2014 EIA REGULATIONS – PROPOSED SITE ENVIRONMENTAL SENSITIVITY

EIA Reference number:

Project name: The Admiral Residential Development

Project title: The Proposed Construction of a Residential Development on RE/3420, Sea Vista, St Francis Bay, EC

Date screening report generated: 11/05/2021 08:55:05

Applicant: Tiaan Potgieter

Compiler: Eco Route Environmental Consultancy

Compiler signature:

Application Category: Transformation of land Indigenous vegetation

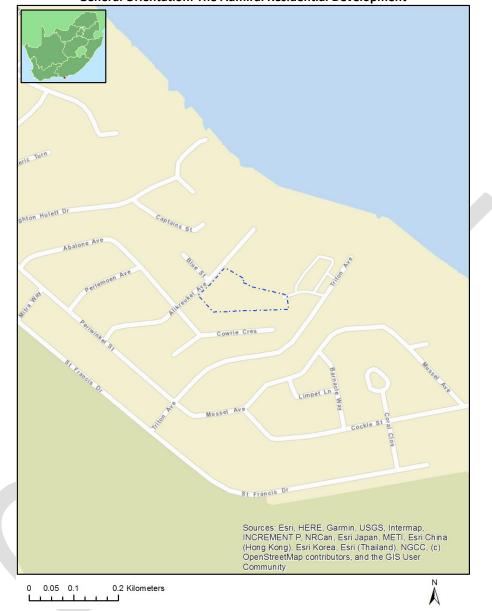
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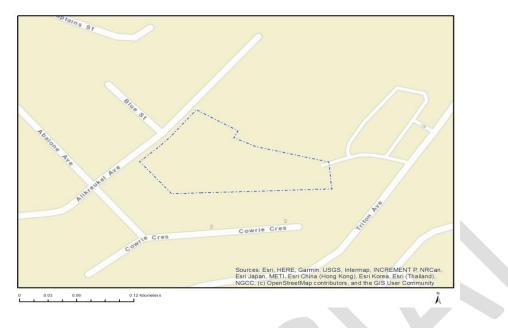
Proposed Project Location

Orientation map 1: General location



General Orientation: The Admiral Residential Development

Map of proposed site and relevant area(s)



Cadastral details of the proposed site

Property details:

No	Farm Name	Farm/ Erf No	Portion	Latitude	Longitude	Property Type
1	SEA VISTA	3420	0	34°11'7.72S	24°51'3.96E	Erven

Development footprint¹ vertices: No development footprint(s) specified.

Wind and Solar developments with an approved Environmental Authorisation or applications under consideration within 30 km of the proposed area

No nearby wind or solar developments found.

Environmental Management Frameworks relevant to the application

No intersections with EMF areas found.

¹ "development footprint", means the area within the site on which the development will take place and incudes all ancillary developments for example roads, power lines, boundary walls, paving etc. which require vegetation clearance or which will be disturbed and for which the application has been submitted.

Environmental screening results and assessment outcomes

The following sections contain a summary of any development incentives, restrictions, exclusions or prohibitions that apply to the proposed development site as well as the most environmental sensitive features on the site based on the site sensitivity screening results for the application classification that was selected. The application classification selected for this report is: **Transformation of land |Indigenous vegetation**.

Relevant development incentives, restrictions, exclusions or prohibitions

The following development incentives, restrictions, exclusions or prohibitions and their implications that apply to this site are indicated below.

Incenti ve, restricti on or prohibi tion	Implication
South African Conserva tion Areas	https://screening.environment.gov.za/ScreeningDownloads/DevelopmentZones/SACA D_OR_2020_Q4_Metadata.pdf

Map indicating proposed development footprint within applicable development incentive, restriction, exclusion or prohibition zones



Project Location: The Admiral Residential Development

Proposed Development Area Environmental Sensitivity

The following summary of the development site environmental sensitivities is identified. Only the highest environmental sensitivity is indicated. The footprint environmental sensitivities for the proposed development footprint as identified, are indicative only and must be verified on site by a suitably qualified person before the specialist assessments identified below can be confirmed.

Theme	Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
Animal Species Theme				
Aquatic Biodiversity Theme				Х
Page 6 of 15			ח	isclaimer annlies

Archaeological and Cultural			Х
Heritage Theme			
Civil Aviation Theme	Х		
Defence Theme			Х
Plant Species Theme		Х	
Terrestrial Biodiversity Theme			

Specialist assessments identified

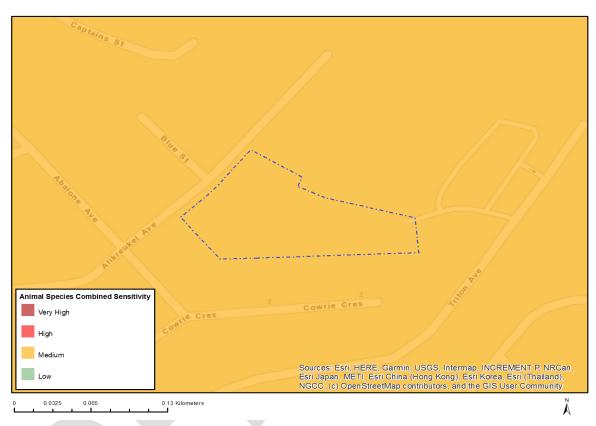
Based on the selected classification, and the environmental sensitivities of the proposed development footprint, the following list of specialist assessments have been identified for inclusion in the assessment report. It is the responsibility of the EAP to confirm this list and to motivate in the assessment report, the reason for not including any of the identified specialist study including the provision of photographic evidence of the site situation.

Ν	Special	Assessment Protocol
0	ist	
Ū	assess	
	ment	
1	Landsca	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols
	pe/Visua	/Gazetted General Requirement Assessment Protocols.pdf
	l Impact	<u>/duzetted_deneral_nequirement_Assessment_frotocols.put</u>
	Assessm	
	ent	
2	Archaeol ogical	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols
	and	/Gazetted_General_Requirement_Assessment_Protocols.pdf
	Cultural	
	Heritage	
	Impact	
	Assessm	
2	ent	
3	Palaeont ology	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols
	Impact	/Gazetted_General_Requirement_Assessment_Protocols.pdf
	Assessm	
	ent	
4	Terrestri	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols
	al	/Gazetted Terrestrial Biodiversity Assessment Protocols.pdf
	Biodiver	
	sity Impact	
	Assessm	
	ent	
5	Aquatic	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols
	Biodiver	/Gazetted Aquatic Biodiversity Assessment Protocols.pdf
	sity	
	Impact Assessm	
	ent	
6	Avian	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols
	Impact	/Gazetted Avifauna Assessment Protocols.pdf
	Assessm	
7	ent	
/	Socio- Economi	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols
	C	/Gazetted_General_Requirement_Assessment_Protocols.pdf
	Assessm	
	ent	

8	Plant Species Assessm ent	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols /Gazetted_Plant_Species_Assessment_Protocols.pdf
9	Animal Species Assessm ent	https://screening.environment.gov.za/ScreeningDownloads/AssessmentProtocols /Gazetted Animal Species Assessment Protocols.pdf

Results of the environmental sensitivity of the proposed area.

The following section represents the results of the screening for environmental sensitivity of the proposed site for relevant environmental themes associated with the project classification. It is the duty of the EAP to ensure that the environmental themes provided by the screening tool are comprehensive and complete for the project. Refer to the disclaimer.



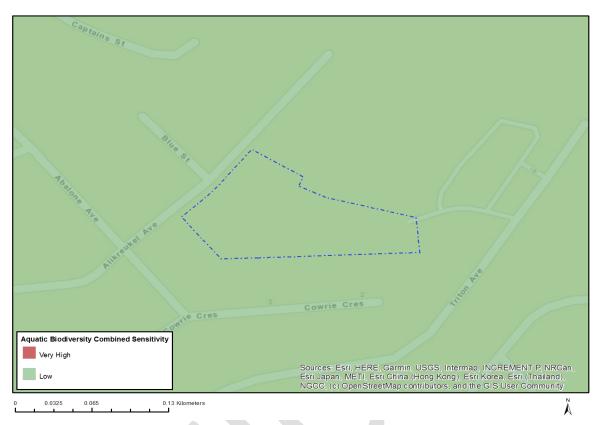
MAP OF RELATIVE ANIMAL SPECIES THEME SENSITIVITY

Where only a sensitive plant unique number or sensitive animal unique number is provided in the screening report and an assessment is required, the environmental assessment practitioner (EAP) or specialist is required to email SANBI at <u>eiadatarequests@sanbi.org.za</u> listing all sensitive species with their unique identifiers for which information is required. The name has been withheld as the species may be prone to illegal harvesting and must be protected. SANBI will release the actual species name after the details of the EAP or specialist have been documented.

Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity

Sensitivity Features:

No sensitivity features found.



MAP OF RELATIVE AQUATIC BIODIVERSITY THEME SENSITIVITY

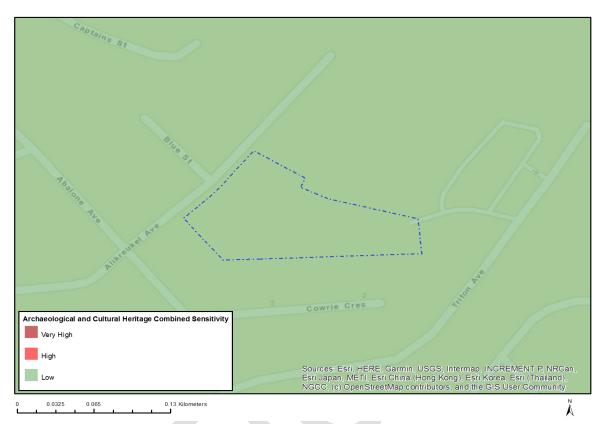
Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			Х

Sensitivity Features:

Γ

		Ζ.
Sensitivity	Feature(s)	
Low	Low sensitivity	
		-

MAP OF RELATIVE ARCHAEOLOGICAL AND CULTURAL HERITAGE THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			Х

Sensitivity	Feature(s)	
Low	Low sensitivity	



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Sources: Esri, HERE, Garmin, USGS, Intermap, INCREMENT P, NRCan, Esri Japan, METI, Esri China (Hong Kong), Esri Korea, Esri (Thailand), NGCC, (c) OpenStreetMap contributors, and the GIS User Community

MAP OF RELATIVE CIVIL AVIATION THEME SENSITIVITY

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0.13 Kilometers

Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
	Х		

Sensitivity Features:

No sensitivity features found.

Civil Aviation Combined Sensitivity

0.065

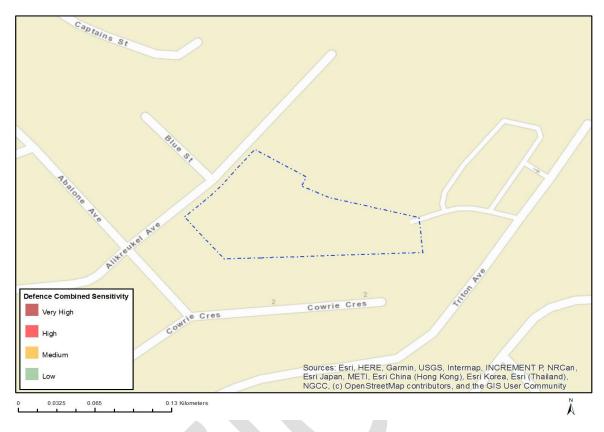
Very High High Medium

Low

0.0325

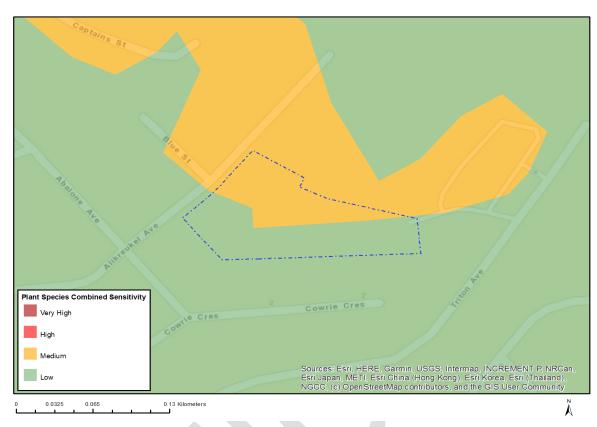
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MAP OF RELATIVE DEFENCE THEME SENSITIVITY



Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
			Х

Feature(s)
Low Sensitivity

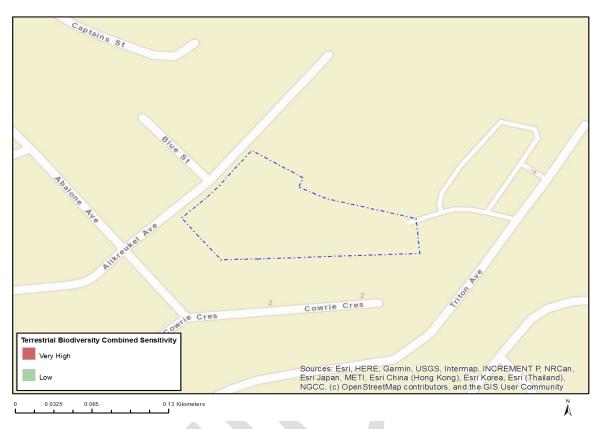


MAP OF RELATIVE PLANT SPECIES THEME SENSITIVITY

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Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity
		х	

Soncitivity Ecoturo(c)	
Sensitivity	Feature(s)
Low	
Medium	



MAP OF RELATIVE TERRESTRIAL BIODIVERSITY THEME SENSITIVITY

Very High sensitivity	High sensitivity	Medium sensitivity	Low sensitivity

Sensitivity Feature(s)	
	Low Sensitivity
	Critical Biodiversity Area 1