

Appendix J: Assessment of each impact

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Significance rating of impact after mitigation: (e.g. Low, Medium, Medium-High, High, or Very-High)	Medium -	Medium -	Medium -	Low -	Low -	Low -	None
Potential impact and risk:	Impact of Planning for the Inclusion of a Habitat Corridor Along the Southern Boundary of the Property in the SDP	Impact of Planning for the Inclusion of a Habitat Corridor Along the Southern Boundary of the Property in the SDP	Impact of Planning for the Inclusion of a Habitat Corridor Along the Southern Boundary of the Property in the SDP	Impact of Planning for the Inclusion of a Habitat Corridor Along the Southern Boundary of the Property in the SDP	Impact of Planning for the Inclusion of a Habitat Corridor Along the Southern Boundary of the Property in the SDP	Impact of Planning for the Inclusion of a Habitat Corridor Along the Southern Boundary of the Property in the SDP	Impact of Planning for the Inclusion of a Habitat Corridor Along the Southern Boundary of the Property in the SDP
Nature of impact:	SDP was revised to indicate protected trees that are to be retained / removed and is considered the preferred "Option C" layout. Despite consideration of protected trees, both layouts have a very similar footprint.	SDP was revised to indicate protected trees that are to be retained / removed and is considered the preferred "Option C" layout. Despite consideration of protected trees, both layouts have a very similar footprint.	SDP was revised to indicate protected trees that are to be retained / removed and is considered the preferred "Option C" layout. Despite consideration of protected trees, both layouts have a very similar footprint.	Not applicable	Not applicable	Not applicable	No construction and no disturbance
Extent and duration of impact:	Permanent	Permanent	Permanent	Not applicable	Not applicable	Not applicable	Status quo
Consequence of impact or risk:	The incorporation of protected trees into the layout to conserve the species as well as provide additional ecological habitat areas aims to provide habitat for wildlife movement and dispersal but also creates opportunities for replanting rescued plants during the construction phase. It is recommended that this ecological corridor be incorporated into the planning and final layout.	The incorporation of protected trees into the layout to conserve the species as well as provide additional ecological habitat areas aims to provide habitat for wildlife movement and dispersal but also creates opportunities for replanting rescued plants during the construction phase. It is recommended that this ecological corridor be incorporated into the planning and final layout.	The incorporation of protected trees into the layout to conserve the species as well as provide additional ecological habitat areas aims to provide habitat for wildlife movement and dispersal but also creates opportunities for replanting rescued plants during the construction phase. It is recommended that this ecological corridor be incorporated into the planning and final layout.	Not applicable	Not applicable	Not applicable	None
Probability of occurrence:	Almost certain / Highly probable	Almost certain / Highly probable	Almost certain / Highly probable	Not applicable	Not applicable	Not applicable	None
Degree to which the impact may cause irreplaceable loss of resources:	Medium	Medium	Medium	Not applicable	Not applicable	Not applicable	None
Degree to which the impact can be reversed:	Low	Low	Low	Not applicable	Not applicable	Not applicable	None
Indirect impacts:	None	None	None	Not applicable	Not applicable	Not applicable	None
Cumulative impact prior to mitigation:	Medium +	Medium +	High +	Not applicable	Not applicable	Not applicable	None
Significance rating of impact prior to mitigation: (e.g. Low, Medium, Medium-High, High, or Very-High)	Medium-High +	Medium-High +	High +	Not applicable	Not applicable	Not applicable	None
Degree to which the impact can be avoided:	Medium	Medium	Medium	Not applicable	Not applicable	Not applicable	None
Degree to which the impact can be managed:	Medium	Medium	Medium	Not applicable	Not applicable	Not applicable	None
Degree to which the impact can be mitigated:	Medium	Medium	Medium	Not applicable	Not applicable	Not applicable	None

Proposed mitigation:	A dedicated search is to be conducted by a butterfly expert to confirm the presence or absence of Knysna Pale Copper Butterflies in October, November, and/or December or according to the discretion of the expert. Should any butterflies be found, the recommendations and mitigation measures as laid out by the butterfly expert are to supersede what is laid out in this report as it pertains to the butterfly SCC. Prior to construction, the disturbance footprint of the development should be clearly defined and demarcated to prevent unnecessary additional damage. Where necessary, ensure soft landscaping is used as opposed to hard landscaping. Use indigenous plants in the	A dedicated search is to be conducted by a butterfly expert to confirm the presence or absence of Knysna Pale Copper Butterflies in October, November, and/or December or according to the discretion of the expert. Should any butterflies be found, the recommendations and mitigation measures as laid out by the butterfly expert are to supersede what is laid out in this report as it pertains to the butterfly SCC. Prior to construction, the disturbance footprint of the development should be clearly defined and demarcated to prevent unnecessary additional damage. Where necessary, ensure soft landscaping is used as opposed to hard landscaping. Use indigenous plants in the	A dedicated search is to be conducted by a butterfly expert to confirm the presence or absence of Knysna Pale Copper Butterflies in October, November, and/or December or according to the discretion of the expert. Should any butterflies be found, the recommendations and mitigation measures as laid out by the butterfly expert are to supersede what is laid out in this report as it pertains to the butterfly SCC. Prior to construction, the disturbance footprint of the development should be clearly defined and demarcated to prevent unnecessary additional damage. Where necessary, ensure soft landscaping is used as opposed to hard landscaping. Use indigenous plants in the	Not applicable	Not applicable	Not applicable	None
Residual impacts:	None	None	None	Not applicable	Not applicable	Not applicable	None
Cumulative impact post mitigation:	Medium +	Medium +	High +	Not applicable	Not applicable	Not applicable	None
Significance rating of impact after mitigation: (e.g. Low, Medium, Medium-High, High, or Very-High)	High +	High +	High +	Not applicable	Not applicable	Not applicable	None
Potential impact and risk:	Loss of cultural heritage or paleontological artefacts	Loss of cultural heritage or paleontological artefacts	Loss of cultural heritage or paleontological artefacts	Loss of cultural heritage or paleontological artefacts	Loss of cultural heritage or paleontological artefacts	Loss of cultural heritage or paleontological artefacts	Loss of cultural heritage or paleontological artefacts
Nature of impact:	Loss or destruction of fossil finds or heritage sites	Loss or destruction of fossil finds or heritage sites	Loss or destruction of fossil finds or heritage sites	Not applicable	Not applicable	Not applicable	No construction and no disturbance
Extent and duration of impact:	Permanent	Permanent	Permanent	Not applicable	Not applicable	Not applicable	Status quo
Consequence of impact or risk:	Potential loss of fossil material, or buried archaeological material.	Potential loss of fossil material, or buried archaeological material.	Potential loss of fossil material, or buried archaeological material.	Not applicable	Not applicable	Not applicable	None
Probability of occurrence:	Low	Low	Low	Not applicable	Not applicable	Not applicable	None
Degree to which the impact may cause irreplaceable loss of resources:	Low	Low	Low	Not applicable	Not applicable	Not applicable	None
Degree to which the impact can be reversed:	None	None	None	Not applicable	Not applicable	Not applicable	None
Indirect impacts:	None	None	None	Not applicable	Not applicable	Not applicable	None
Cumulative impact prior to mitigation:	Low	Low	Low	Not applicable	Not applicable	Not applicable	None
Significance rating of impact prior to mitigation: (e.g. Low, Medium, Medium-High, High, or Very-High)	Low -	Low -	Low -	Not applicable	Not applicable	Not applicable	None
Degree to which the impact can be avoided:	Low	Low	Low	Not applicable	Not applicable	Not applicable	None
Degree to which the impact can be managed:	Medium	Medium	Medium	Not applicable	Not applicable	Not applicable	None
Degree to which the impact can be mitigated:	Medium	Medium	Medium	Not applicable	Not applicable	Not applicable	None
Proposed mitigation:	The protocol for finds of bones, the Fossil Finds Procedure (FFP), as included in the Environmental Management Plan (EMP) for the project must be implemented. Basically if fossil shells or bones are uncovered during the Construction Phase, temporarily stop work at the spot and report to Heritage Western Cape.	The protocol for finds of bones, the Fossil Finds Procedure (FFP), as included in the Environmental Management Plan (EMP) for the project must be implemented. Basically if fossil shells or bones are uncovered during the Construction Phase, temporarily stop work at the spot and report to Heritage Western Cape.	The protocol for finds of bones, the Fossil Finds Procedure (FFP), as included in the Environmental Management Plan (EMP) for the project must be implemented. Basically if fossil shells or bones are uncovered during the Construction Phase, temporarily stop work at the spot and report to Heritage Western Cape.	Not applicable	Not applicable	Not applicable	None
Residual impacts:	None	None	None	Not applicable	Not applicable	Not applicable	None
Cumulative impact post mitigation:	Low -	Low -	Low -	Not applicable	Not applicable	Not applicable	None
Significance rating of impact after mitigation: (e.g. Low, Medium, Medium-High, High, or Very-High)	Very Low -	Very Low -	Very Low -	Not applicable	Not applicable	Not applicable	None

Potential impact and risk:	Habitat and fauna negatively affected by the management of the construction site (i.e., staff, stockpiles, and equipment)	Habitat and fauna negatively affected by the management of the construction site (i.e., staff, stockpiles, and equipment)	Habitat and fauna negatively affected by the management of the construction site (i.e., staff, stockpiles, and equipment)	Habitat and fauna negatively affected by the management of the construction site (i.e., staff, stockpiles, and equipment)	Habitat and fauna negatively affected by the management of the construction site (i.e., staff, stockpiles, and equipment)	Habitat and fauna negatively affected by the management of the construction site (i.e., staff, stockpiles, and equipment)	Habitat and fauna negatively affected by the management of the construction site (i.e., staff, stockpiles, and equipment)
Nature of impact:	The management of materials and staff on the site is also an important impact of development.	The management of materials and staff on the site is also an important impact of development.	The management of materials and staff on the site is also an important impact of development.	Not applicable	The management of materials and staff on the site is also an important impact of development.	Not applicable	No construction and no disturbance
Extent and duration of impact:	Short term	Short term	Short term	Not applicable	Short term	Not applicable	Status quo
Consequence of impact or risk:	Loss of habitat or harm to fauna outside of designated construction areas. Litter and pollution of natural environment. Potential health and safety hazards (for staff and fauna) on the site and in the surrounding environment	Loss of habitat or harm to fauna outside of designated construction areas. Litter and pollution of natural environment. Potential health and safety hazards (for staff and fauna) on the site and in the surrounding environment	Loss of habitat or harm to fauna outside of designated construction areas. Litter and pollution of natural environment. Potential health and safety hazards (for staff and fauna) on the site and in the surrounding environment	Not applicable	Loss of habitat or harm to fauna outside of designated construction areas. Litter and pollution of natural environment. Potential health and safety hazards (for staff and fauna) on the site and in the surrounding environment	Not applicable	None
Probability of occurrence:	Almost certain / Highly probable	Almost certain / Highly probable	Almost certain / Highly probable	Not applicable	Almost certain / Highly probable	Not applicable	None
Degree to which the impact may cause irreplaceable loss of resources:	Low	Low	Low	Not applicable	Low	Not applicable	None
Degree to which the impact can be reversed:	Medium	Medium	Medium	Not applicable	Medium	Not applicable	None
Indirect impacts:	None	None	None	Not applicable	None	Not applicable	None
Cumulative impact prior to mitigation:	Medium	Medium	Medium	Not applicable	Medium	Not applicable	None
Significance rating of impact prior to mitigation: (e.g. Low, Medium, Medium-High, High, or Very-High)	Medium -	Medium -	Medium -	Not applicable	Medium -	Not applicable	None
Degree to which the impact can be avoided:	Low	Low	Low	Not applicable	Low	Not applicable	None
Degree to which the impact can be managed:	Medium	Medium	Medium	Not applicable	Medium	Not applicable	None
Degree to which the impact can be mitigated:	Medium	Medium	Medium	Not applicable	Medium	Not applicable	None
Proposed mitigation:	Please refer to the attached EMP in Appendix H.	Please refer to the attached EMP in Appendix H.	Please refer to the attached EMP in Appendix H.	Not applicable	Please refer to the attached EMP in Appendix H.	Not applicable	None
Residual impacts:	None	None	None	Not applicable	None	Not applicable	None
Cumulative impact post mitigation:	Medium	Medium	Medium	Not applicable	Medium	Not applicable	None
Significance rating of impact after mitigation: (e.g. Low, Medium, Medium-High, High, or Very-High)	Low -	Low -	Low -	Not applicable	Low -	Not applicable	None
Potential impact and risk:	Harm/Death of fauna, particularly soil-dwelling mammal SCC, due to construction related activities such as earthworks.	Harm/Death of fauna, particularly soil-dwelling mammal SCC, due to construction related activities such as earthworks.	Harm/Death of fauna, particularly soil-dwelling mammal SCC, due to construction related activities such as earthworks.	Harm/Death of fauna, particularly soil-dwelling mammal SCC, due to construction related activities such as earthworks.	Harm/Death of fauna, particularly soil-dwelling mammal SCC, due to construction related activities such as earthworks.	Harm/Death of fauna, particularly soil-dwelling mammal SCC, due to construction related activities such as earthworks.	Harm/Death of fauna, particularly soil-dwelling mammal SCC, due to construction related activities such as earthworks.
Nature of impact:	Fauna may occur on site and be killed or seriously harmed during construction related activities.	Fauna may occur on site and be killed or seriously harmed during construction related activities.	Fauna may occur on site and be killed or seriously harmed during construction related activities.	Not applicable	Fauna may occur on site and be killed or seriously harmed during construction related activities.	Not applicable	No construction and no disturbance
Extent and duration of impact:	Permanent	Permanent	Permanent	Not applicable	Permanent	Not applicable	Status quo
Consequence of impact or risk:	Death of certain SCC species that are ground dwelling	Death of certain SCC species that are ground dwelling	Death of certain SCC species that are ground dwelling	Not applicable	Death of certain SCC species that are ground dwelling	Not applicable	None
Probability of occurrence:	Certain / definite	Certain / definite	Certain / definite	Not applicable	Certain / definite	Not applicable	None
Degree to which the impact may cause irreplaceable loss of resources:	High	High	High	Not applicable	High	Not applicable	None
Degree to which the impact can be reversed:	Low	Low	Low	Not applicable	Low	Not applicable	None
Indirect impacts:	None	None	None	Not applicable	None	Not applicable	None
Cumulative impact prior to mitigation:	Medium	Medium	Medium	Not applicable	Medium	Not applicable	None
Significance rating of impact prior to mitigation: (e.g. Low, Medium, Medium-High, High, or Very-High)	Medium -	Medium -	Medium -	Not applicable	Medium -	Not applicable	None
Degree to which the impact can be avoided:	Low	Low	Low	Not applicable	Low	Not applicable	None
Degree to which the impact can be managed:	Medium	Medium	Medium	Not applicable	Medium	Not applicable	None

Degree to which the impact can be mitigated:	Low	Low	Low	Not applicable	Low	Not applicable	None
Proposed mitigation:	Please refer to the attached EMP in Appendix H.	Please refer to the attached EMP in Appendix H.	Please refer to the attached EMP in Appendix H.	Not applicable	Please refer to the attached EMP in Appendix H.	Not applicable	None
Residual impacts:	None	None	None	Not applicable	None	Not applicable	None
Cumulative impact post mitigation:	Low	Low	Low	Not applicable	Low	Not applicable	None
Significance rating of impact after mitigation: (e.g. Low, Medium, Medium-High, High, or Very-High)	Low -	Low -	Low -	Not applicable	Low -	Not applicable	None
Potential impact and risk:	Permanent loss of Secondary Hartenbos Dune Thicket (EN) Habitat due to Earthworks and Other Construction Related Activities.	Permanent loss of Secondary Hartenbos Dune Thicket (EN) Habitat due to Earthworks and Other Construction Related Activities.	Permanent loss of Secondary Hartenbos Dune Thicket (EN) Habitat due to Earthworks and Other Construction Related Activities.	Permanent loss of Secondary Hartenbos Dune Thicket (EN) Habitat due to Earthworks and Other Construction Related Activities.	Permanent loss of Secondary Hartenbos Dune Thicket (EN) Habitat due to Earthworks and Other Construction Related Activities.	Permanent loss of Secondary Hartenbos Dune Thicket (EN) Habitat due to Earthworks and Other Construction Related Activities.	Permanent loss of Secondary Hartenbos Dune Thicket (EN) Habitat due to Earthworks and Other Construction Related Activities.
Nature of impact:	The proposed development on Portion 38 of 136 will result in the permanent loss of between 51 and 55% of the remaining vegetation on the site, and the transformation of at least 67 to 70% of the site	The proposed development on Portion 38 of 136 will result in the permanent loss of between 51 and 55% of the remaining vegetation on the site, and the transformation of at least 67 to 70% of the site	The proposed development on Portion 38 of 136 will result in the permanent loss of between 51 and 55% of the remaining vegetation on the site, and the transformation of at least 67 to 70% of the site	Not applicable	The proposed development on Portion 38 of 136 will result in the permanent loss of between 51 and 55% of the remaining vegetation on the site, and the transformation of at least 67 to 70% of the site	Not applicable	No construction and no disturbance
Extent and duration of impact:	Permanent	Permanent	Permanent	Not applicable	Permanent	Not applicable	Status quo
Consequence of impact or risk:	Death of certain SCC species that are ground dwelling	Death of certain SCC species that are ground dwelling	Death of certain SCC species that are ground dwelling	Not applicable	Death of certain SCC species that are ground dwelling	Not applicable	None
Probability of occurrence:	Certain / definite	Certain / definite	Certain / definite	Not applicable	Certain / definite	Not applicable	None
Degree to which the impact may cause <u>irreplaceable loss of resources</u> :	High	High	High	Not applicable	High	Not applicable	None
Degree to which the impact can be reversed:	Low	Low	Low	Not applicable	Low	Not applicable	None
Indirect impacts:	None	None	None	Not applicable	None	Not applicable	None
Cumulative impact prior to mitigation:	Medium	Medium	Medium	Not applicable	Medium	Not applicable	None

Significance rating of impact prior to mitigation: (e.g. Low, Medium, Medium-High, High, or Very-High)	Medium -	Medium -	Medium -	Not applicable	Medium -	Not applicable	None
Degree to which the impact can be avoided:	Low	Low	Low	Not applicable	Low	Not applicable	None
Degree to which the impact can be managed:	Medium	Medium	Medium	Not applicable	Medium	Not applicable	None
Degree to which the impact can be mitigated:	Low	Low	Medium	Not applicable	Low	Not applicable	None
Proposed mitigation:	Please refer to the attached EMP in Appendix H.	Please refer to the attached EMP in Appendix H.	Please refer to the attached EMP in Appendix H.	Not applicable	Please refer to the attached EMP in Appendix H.	Not applicable	None
Residual impacts:	None	None	None	Not applicable	None	Not applicable	None
Cumulative impact post mitigation:	Low	Low	Low	Not applicable	Low	Not applicable	None
Significance rating of impact after mitigation: (e.g. Low, Medium, Medium-High, High, or Very-High)	Low -	Low -	Low -	Not applicable	Low -	Not applicable	None
Potential impact and risk:	A loss of protected tree species (<i>Sidoxylon inerme inerme</i> & <i>Pittosporum viridiflorum</i>), and the VU SCC <i>Hermannia lavandulifolia</i> due to earthworks and other construction related activities.	A loss of protected tree species (<i>Sidoxylon inerme inerme</i> & <i>Pittosporum viridiflorum</i>), and the VU SCC <i>Hermannia lavandulifolia</i> due to earthworks and other construction related activities.	A loss of protected tree species (<i>Sidoxylon inerme inerme</i> & <i>Pittosporum viridiflorum</i>), and the VU SCC <i>Hermannia lavandulifolia</i> due to earthworks and other construction related activities.	A loss of protected tree species (<i>Sidoxylon inerme inerme</i> & <i>Pittosporum viridiflorum</i>), and the VU SCC <i>Hermannia lavandulifolia</i> due to earthworks and other construction related activities.	A loss of protected tree species (<i>Sidoxylon inerme inerme</i> & <i>Pittosporum viridiflorum</i>), and the VU SCC <i>Hermannia lavandulifolia</i> due to earthworks and other construction related activities.	A loss of protected tree species (<i>Sidoxylon inerme inerme</i> & <i>Pittosporum viridiflorum</i>), and the VU SCC <i>Hermannia lavandulifolia</i> due to earthworks and other construction related activities.	A loss of protected tree species (<i>Sidoxylon inerme inerme</i> & <i>Pittosporum viridiflorum</i>), and the VU SCC <i>Hermannia lavandulifolia</i> due to earthworks and other construction related activities.
Nature of impact:	The proposed development footprint is within Hartenbos Dune Thicket which includes two protected tree species, <i>Sidoxylon inerme</i> (Milkwood) and <i>Pittosporum viridiflorum</i> (Cheesewood). These trees are protected under the National Forests Act (No. 84 of 1998).	The proposed development footprint is within Hartenbos Dune Thicket which includes two protected tree species, <i>Sidoxylon inerme</i> (Milkwood) and <i>Pittosporum viridiflorum</i> (Cheesewood). These trees are protected under the National Forests Act (No. 84 of 1998).	The proposed development footprint is within Hartenbos Dune Thicket which includes two protected tree species, <i>Sidoxylon inerme</i> (Milkwood) and <i>Pittosporum viridiflorum</i> (Cheesewood). These trees are protected under the National Forests Act (No. 84 of 1998).	Not applicable	The proposed development footprint is within Hartenbos Dune Thicket which includes two protected tree species, <i>Sidoxylon inerme</i> (Milkwood) and <i>Pittosporum viridiflorum</i> (Cheesewood). These trees are protected under the National Forests Act (No. 84 of 1998).	Not applicable	No construction and no disturbance
Extent and duration of impact:	Permanent	Permanent	Permanent	Not applicable	Permanent	Not applicable	Status quo
Consequence of impact or risk:	Death of certain SCC species that are ground dwelling	Death of certain SCC species that are ground dwelling	Death of certain SCC species that are ground dwelling	Not applicable	Death of certain SCC species that are ground dwelling	Not applicable	None
Probability of occurrence:	Certain / definite	Certain / definite	Certain / definite	Not applicable	Certain / definite	Not applicable	None
Degree to which the impact may cause irreplaceable loss of resources:	High	High	Medium	Not applicable	High	Not applicable	None
Degree to which the impact can be reversed:	Low	Low	Low	Not applicable	Low	Not applicable	None
Indirect impacts:	None	None	None	Not applicable	None	Not applicable	None
Cumulative impact prior to mitigation:	Medium	Medium	Medium	Not applicable	Medium	Not applicable	None
Significance rating of impact prior to mitigation: (e.g. Low, Medium, Medium-High, High, or Very-High)	Medium -	Medium -	Medium -	Not applicable	Medium -	Not applicable	None
Degree to which the impact can be avoided:	Low	Low	Low	Not applicable	Low	Not applicable	None
Degree to which the impact can be managed:	Medium	Medium	Medium	Not applicable	Medium	Not applicable	None
Degree to which the impact can be mitigated:	Low	Low	Medium	Not applicable	Low	Not applicable	None
Proposed mitigation:	Please refer to the attached EMP in Appendix H.	Please refer to the attached EMP in Appendix H.	Please refer to the attached EMP in Appendix H.	Not applicable	Please refer to the attached EMP in Appendix H.	Not applicable	None
Residual impacts:	None	None	None	Not applicable	None	Not applicable	None
Cumulative impact post mitigation:	Low	Low	Low	Not applicable	Low	Not applicable	None
Significance rating of impact after mitigation: (e.g. Low, Medium, Medium-High, High, or Very-High)	Low -	Low -	Very Low -	Not applicable	Low -	Not applicable	None

[illegible]

Indirect impacts:	None	None	None	None	None	None	None
Cumulative impact prior to mitigation:	Low	Low	Low	Low	Low	Low	None
Significance rating of impact prior to mitigation: (e.g. Low, Medium, Medium-High, High, or Very-High)	Low -	Low -	Low -	Low -	Low -	Low -	None
Degree to which the impact can be avoided:	Medium	Medium	Medium	Medium	Medium	Medium	None
Degree to which the impact can be managed:	Medium	Medium	Medium	Medium	Medium	Medium	None
Degree to which the impact can be mitigated:	Medium	Medium	Medium	Medium	Medium	Medium	None
Proposed mitigation:	Please refer to the attached EMP in Appendix H.	Please refer to the attached EMP in Appendix H.	Please refer to the attached EMP in Appendix H.	Please refer to the attached EMP in Appendix H.	Please refer to the attached EMP in Appendix H.	Please refer to the attached EMP in Appendix H.	None
Residual impacts:	None	None	None	None	None	None	None
Cumulative impact post mitigation:	Low	Low	Low	Low	Low	Low	None
Significance rating of impact after mitigation: (e.g. Low, Medium, Medium-High, High, or Very-High)	Very Low -	Very Low -	Very Low -	Very Low -	Very Low -	Very Low -	None
Potential impact and risk:	A slow loss of thicket habitat, protected tree species, and plant species biodiversity due to landscaping and maintenance activities required.	A slow loss of thicket habitat, protected tree species, and plant species biodiversity due to landscaping and maintenance activities required.	A slow loss of thicket habitat, protected tree species, and plant species biodiversity due to landscaping and maintenance activities required.	A slow loss of thicket habitat, protected tree species, and plant species biodiversity due to landscaping and maintenance activities required.	A slow loss of thicket habitat, protected tree species, and plant species biodiversity due to landscaping and maintenance activities required.	A slow loss of thicket habitat, protected tree species, and plant species biodiversity due to landscaping and maintenance activities required.	A slow loss of thicket habitat, protected tree species, and plant species biodiversity due to landscaping and maintenance activities required.
Nature of impact:	During the operational phase, the site will undergo long-term transformation through landscaping, gardening vegetation trimming, invasive species control, garden planting, and the upkeep of paths, driveways, and stormwater infrastructure.	During the operational phase, the site will undergo long-term transformation through landscaping, gardening vegetation trimming, invasive species control, garden planting, and the upkeep of paths, driveways, and stormwater infrastructure.	During the operational phase, the site will undergo long-term transformation through landscaping, gardening vegetation trimming, invasive species control, garden planting, and the upkeep of paths, driveways, and stormwater infrastructure.	Not applicable	Not applicable	Not applicable	No development and no disturbance
Extent and duration of impact:	Permanent	Permanent	Permanent	Not applicable	Not applicable	Not applicable	Status quo
Consequence of impact or risk:	The most significant concern is the progressive degradation of remaining Hartenbos Dune Thicket fragments, which are already fragmented, secondary in structure, and under pressure.	The most significant concern is the progressive degradation of remaining Hartenbos Dune Thicket fragments, which are already fragmented, secondary in structure, and under pressure.	The most significant concern is the progressive degradation of remaining Hartenbos Dune Thicket fragments, which are already fragmented, secondary in structure, and under pressure.	Not applicable	Not applicable	Not applicable	None
Probability of occurrence:	Likely	Likely	Likely	Not applicable	Not applicable	Not applicable	None
Degree to which the impact may cause irreplaceable loss of resources:	Medium	Medium	Medium	Not applicable	Not applicable	Not applicable	None
Degree to which the impact can be reversed:	Medium	Medium	Medium	Not applicable	Not applicable	Not applicable	None
Indirect impacts:	None	None	None	Not applicable	Not applicable	Not applicable	None
Cumulative impact prior to mitigation:	Medium	Medium	Medium	Not applicable	Not applicable	Not applicable	None
Significance rating of impact prior to mitigation: (e.g. Low, Medium, Medium-High, High, or Very-High)	Medium -	Medium -	Medium -	Not applicable	Not applicable	Not applicable	None
Degree to which the impact can be avoided:	Low	Low	Low	Not applicable	Not applicable	Not applicable	None
Degree to which the impact can be managed:	Medium	Medium	Medium	Not applicable	Not applicable	Not applicable	None
Degree to which the impact can be mitigated:	Medium	Medium	Medium	Not applicable	Not applicable	Not applicable	None
Proposed mitigation:	Please refer to the attached EMP in Appendix H.	Please refer to the attached EMP in Appendix H.	Please refer to the attached EMP in Appendix H.	Not applicable	Not applicable	Not applicable	None
Residual impacts:	Medium	Medium	Medium	Not applicable	Not applicable	Not applicable	None
Cumulative impact post mitigation:	Medium	Medium	Medium	Not applicable	Not applicable	Not applicable	None
Significance rating of impact after mitigation: (e.g. Low, Medium, Medium-High, High, or Very-High)	Medium -	Medium -	Low -	Not applicable	Not applicable	Not applicable	None

[illegible]