

TABLE 1B

Read with NHRA Stage 1 Section 8: Design Informants; & Architectural Proposals & Photomontages (Viewpoints 1-11) by JB Architecture dated 24 February 2012

IMPACTS GENERATED BY NEW DEVELOPMENT: DESCRIPTION (PREFERRED ALTERNATIVE)	MEASURE- MENT & DURATION OF IMPACTS	SIGNIFICANCE (UNMITIGATED) OF IMPACTS ON HERITAGE RESOURCES: (VIZ MOUNTAIN & VALLEY LANDSCAPES)	INFORMANT REFERENCES	MITIGATION RECOMMENDATIONS SIGNIFICANCE (MITIGATED) OF IMPACTS ON HERITAGE RESOURCES	CONFI- DENCE
LANDSCAPE/LANDSCAPING IMPACTS					
4 SITE 1 (SINGLE RESIDENCE) Viewpoints 01 & 02					
4.1 <i>Layout Configuration</i> Nature: <i>Neutral-Negative</i>	<i>Sub-Regional</i> <i>Low Negative</i> <i>Permanent</i>	Low-moderate significant impact: Footprint limited to a single residence, albeit large. Layout broken up, providing opportunities for more perimeter planting.	HDI Priority 3; HDI 8.5 i, iv-vi	<i>Mitigation:</i> No further mitigation recommended. <i>Significance as mitigated: Low</i>	<i>High</i>
4.2 <i>Cut and Fill Interventions</i> Nature: <i>Neutral</i>	<i>Sub-Regional</i> <i>No-Low Negative</i> <i>Med Term</i>	Low significant impact: Cut and fill minimised given position on lower ground.	HDI Priorities 3, 6 HDI 8.5 i, v	<i>Mitigation:</i> No further mitigation recommended. <i>Significance as mitigated: Low</i>	<i>High</i>
4.3 <i>Boundary Definition</i> Nature: <i>Neutral</i>	<i>Sub-Regional</i> <i>Low Negative</i> <i>Permanent</i>	Low significant impact: given that a clearly defined boundary definition will be avoided (e.g. no high walls and prominent fences).	HDI Priorities 2, 6 HDI 8.4.1 i, ii v	<i>Mitigation:</i> open mesh and timber pole fencing constrained as per the landscape guidelines for the previous (albeit rejected) development proposals of September 2009. <i>Significance as mitigated: Low</i>	<i>Medium-High</i>
4.4 <i>Horizontal Surface Treatments (road surfaces, paving, etc.)</i> Nature: <i>Positive</i>	<i>Local</i> <i>Positive</i> <i>Permanent</i>	None-Low significant impact: If executed in accordance with the landscape design guidelines for the development proposals of September 2009.	HDI Priority 3 HDI 8.4.2 iv	<i>Mitigation:</i> none required as surfacing materials constitute, in themselves, mitigation measures relating to visual impact. <i>Significance as mitigated: None (positive)</i>	<i>Medium-High</i>
4.5 <i>Use of Vegetation</i> Nature: <i>Positive</i>	<i>Sub-Regional</i> <i>Positive</i> <i>Permanent</i>	None-Low significant impact: If executed in accordance with the landscape design guidelines for the development proposals of September 2009.	HDI Priority 2, 3 HDI 8.4.1 iv	<i>Mitigation:</i> none required as choice of planting constitutes, in itself, a positive intervention. <i>Significance as mitigated: None (positive)</i>	<i>High</i>
4.6 <i>Lighting and Services (excludes trench excavations)</i> Nature: <i>Neutral</i>	<i>Sub-Regional</i> <i>Neutral-Positive</i> <i>Permanent</i>	No significant impact: given that the lighting design will be similar to that of the 2009 proposals. (the Architectural Guidelines (Section 18.7: External Lighting). This assessment excludes excavations, the exact nature of which still have to be confirmed by site testing.	HDI Priority 2, 3, 6 HDI 8.4.1 iv	<i>Mitigation</i> Lighting will be limited to, hooded, low level and ground level illuminated bollards, and fittings attached to buildings. Free-standing light standards will not be permitted. <i>Significance as mitigated: None-Low</i>	<i>Medium-High</i>
4.7 <i>Security</i> Nature: <i>Neutral-Positive</i>	<i>Local</i> <i>Positive</i> <i>Permanent</i>	No-low significant impact: given that security barriers are to be kept low-key. (Refer 4.3)	HDI Priorities 1, 2 HDI 8.4.1 ii	<i>Mitigation:</i> open mesh and timber pole fencing constrained as per the landscape guidelines for the previous (albeit rejected) development proposals of September 2009. <i>Significance as mitigated: Low</i>	<i>Medium</i>
5 SITES 2-5 (4 RESIDENCES) Viewpoints 03 - 08					
5.1 <i>Layout Configuration</i> Nature: <i>Negative</i>	<i>Local -Sub-Regional</i> <i>High Negative</i> <i>Permanent</i>	These sites fall within the no-go development zone identified in the Stage 1 HIA (June 2007). Impacts from development will also be very high in terms of Overall Configuration and Exposure (refer Table 1A). Therefore <i>These sites screened out from further consideration</i>	HDI Priority 3; HDI 8.5 i, iv-vi	<i>Mitigation:</i> N/A	<i>High</i>
5.2 <i>Cut and Fill Interventions</i> Nature: <i>Negative</i>	<i>Local -Sub-Regional</i> <i>High Negative</i> <i>Permanent</i>	Ditto (refer 5.1. above).	HDI Priorities 3, 6 HDI 8.5 i, v	<i>Mitigation:</i> N/A	<i>High</i>

LANDSCAPE/LANDSCAPING IMPACTS Continued.....					
5.3 <i>Boundary Definition</i> Nature: <i>Negative</i>	<i>Local -Sub-Regional</i> <i>High Negative</i> <i>Permanent</i>	<i>Ditto</i> (refer 5.1. above).	HDI Priorities 2, 6 HDI 8.4.1 i, ii v	<i>Mitigation</i> : N/A	<i>High</i>
5.4 <i>Horizontal Surface Treatments</i> Nature: <i>Negative</i>	<i>Local -Sub-Regional</i> <i>Med Negative</i> <i>Permanent</i>	<i>Ditto</i> (refer 5.1. above).	HDI Priority 3 HDI 8.4.2 iv	<i>Mitigation</i> : N/A	<i>High</i>
5.5 <i>Use of Vegetation</i> Nature: <i>Negative</i>	<i>Local -Sub-Regional</i> <i>High Negative</i> <i>Permanent</i>	<i>Ditto</i> (refer 5.1. above).	HDI Priority 2, 3 HDI 8.4.1 iv	<i>Mitigation</i> : N/A	<i>High</i>
5.6 <i>Lighting and Services</i> (excludes trench excavations) Nature: <i>Negative</i>	<i>Local -Sub-Regional</i> <i>High Negative</i> <i>Permanent</i>	<i>Ditto</i> (refer 5.1. above).	HDI Priority 2, 3, 6 HDI 8.4.1 iv	<i>Mitigation</i> : N/A	<i>High</i>
5.7 <i>Security</i> Nature: <i>Neutral</i>	<i>Local -Sub-Regional</i> <i>High Negative</i> <i>Permanent</i>	<i>Ditto</i> (refer 5.1. above).	HDI Priorities 1, 2 HDI 8.4.1 ii	<i>Mitigation</i> : N/A	<i>High</i>
6 SITE 6 (INDUSTRIAL FACILITY) Viewpoints 09 - 11					
6.1 <i>Layout Configuration</i> Nature: <i>Neutral-Negative</i>	<i>Sub-Regional</i> <i>Low Negative</i> <i>Permanent</i>	Low-Moderate significant impact: Given that planting to be displaced is of low quality. Footprint occupies relatively small proportion of the site.	HDI Priority 3; HDI 8.5 i, iv-vi	<i>Mitigation</i> : Planting arranged around perimeter of structure where there are no access roadways. (Roofs already broken up & finished in grey to reduce impacts as viewed from higher ground including Elands Cave). Ensure that roofs do not protrude over ridge lines as seen from the south (re Table 1A: 3.1). <i>Significance as mitigated: Low-Medium</i>	<i>Medium-High</i>
6.2 <i>Cut and Fill Interventions</i> Nature: <i>Neutral</i>	<i>Sub-Regional</i> <i>No-Low Negative</i> <i>Med Term</i>	Low significant impact: Siting on flat ground precludes cut and fill.	HDI Priorities 3, 6 HDI 8.5 i, v	<i>Mitigation</i> : No further mitigation recommended. <i>Significance as mitigated: Low</i>	<i>Medium-High</i>
6.3 <i>Boundary Definition</i> Nature: <i>Negative</i>	<i>Sub-Regional</i> <i>Med-High Negative</i> <i>Permanent</i>	High significant impact given that some form of security fencing will be required, albeit not yet designed.	HDI Priorities 2, 6 HDI 8.4.1 i, ii v	<i>Mitigation</i> : open mesh and timber pole fencing constrained as per the landscape guidelines. <i>Significance as mitigated: Medium</i>	<i>Medium-High</i>
6.4 <i>Horizontal Surface Treatments</i> (road surfaces, paving, etc.) Nature: <i>Positive</i>	<i>Local</i> <i>Positive</i> <i>Permanent</i>	None-Low significant impact: Impacts generally positive, assuming that surface finishes drawing on natural materials including laterite and washed stone aggregate will be used as per the October 2009 proposals.	HDI Priority 3 HDI 8.4.2 iv	<i>Mitigation</i> : none required as surfacing materials constitute, in themselves, visual mitigation. <i>Significance as mitigated: None (positive)</i>	<i>High</i>
6.5 <i>Use of Vegetation</i> Nature: <i>Positive</i>	<i>Sub-Regional</i> <i>Positive</i> <i>Permanent</i>	No significant impact: given that the planting palette has been designed to positively impact on existing planting regimes drawing on indigenous and other locally compatible species.	HDI Priority 2, 3 HDI 8.4.1 iv	<i>Mitigation</i> : none required as choice of planting constitutes, in itself, a positive intervention. <i>Significance as mitigated: None (positive)</i>	<i>Medium-High</i>
6.6 <i>Lighting and Services</i> (excludes trench excavations) Nature: <i>Neutral</i>	<i>Sub-Regional</i> <i>Neutral-Positive</i> <i>Permanent</i>	Moderate –High significant Impact: On the one hand, will impact on the feeling of remoteness and solitude at night, but at the other, will improve security. Close to other artificially lit industrial property (fish factories).	HDI Priority 2, 3, 6 HDI 8.4.1 iv	<i>Mitigation</i> Lighting to be limited to hooded, low level and ground level illuminated bollards, and fittings attached to buildings. Free-standing light standards will not be permitted. Re: Architectural Guidelines (Section 18.7: External Lighting). <i>Significance as mitigated: None-Low</i>	<i>High</i>
6.7 <i>Security</i> Nature: <i>Neutral-Negative</i>	<i>Local</i> <i>Medium Negative</i> <i>Permanent</i>	Moderate significant Impact: benefits of securing the broader area weighted against increased visual impacts from security fencing & increased lighting levels.	HDI Priorities 1, 2 HDI 8.4.1 ii	<i>Mitigation</i> : open mesh /muted grey fencing and lighting to be constrained as per the landscape guidelines. <i>Significance as mitigated: Low - Medium</i>	<i>Medium-High</i>