

### APPENDIX 3:

#### STANDARDIZED SET OF CONVENTIONS USED TO ASSESS THE IMPACT OF PROJECTS ON INDIVIDUAL HERITAGE FEATURES

##### Category of heritage significance of feature

One or more of the categories (a) to (i) to Section 3(3) of the NHRA.

From a heritage perspective there should be a distinction between significance embedded in the physical fabric, or in associations with events or persons, or in the experience of the place.

##### Conservation value of heritage feature (individual)

Worth, conservation utility, and desirability to conserve: Low / medium / high.

##### Duration of the impact

- Short term                                      1 - 5 years  
Factor 2
  
- Medium term                                    5 – 10 years  
Factor 3
  
- Long term                                        Risk will only cease after the operational life of the activity,  
either because of natural processes or by human intervention.  
Factor 4
  
- Permanent (irreversible)                Mitigation, either by natural process or by human intervention,  
will not occur in such a way that the risk can be considered  
transient  
Factor 5

##### Impact significance rating

This is calculated by multiplying the **severity rating** with the **probability rating**.

The impact significance factor should influence the development project as described below.

<b>LEVEL</b>	<b>RATING</b>	<b>POSITIVE RISK CONSEQUENCE</b>	<b>NEGATIVE RISK CONSEQUENCE</b>
Low	4 – 6	No influence on proposed development	No influence on proposed development
Medium	7 – 12	Proposed development should be approved	Proposed development should be mitigated or mitigation measures should be formulated before it can be approved
High	13 – 18	Point towards a decision to approve the development and with enhancement in final design	Point towards a decision to terminate development proposal or to formulate and perform mitigation to reduce significance level to at least low
Very High	19 – 25 and above	The development should be approved	If mitigation cannot be effectively implemented the development proposal should be terminated

##### Intensity of impact

- Low    Functions and processes of natural or human origin are not affected  
and only minor risks may occur;  
Factor 1

- Medium Natural or heritage environment is affected but functions and processes of natural or human origin can continue though often in an altered manner;  
Factor 2
- High Natural or heritage environment is affected to the extent that function and processes of natural or human origin will temporarily or permanently cease.  
Factor 3.

### Nature of impact

Impact of the activity (development) on a heritage resource with indications about its positive and/or negative effects. The statement of significance informs it. The nature of the impact may be historical, aesthetic, social, linguistic, architectural, intrinsic, associational, contextual (visual or non-visual) or a combination of the above.

### Probability of the impact

Probability describes the likelihood of the risk actually occurring and is rated as follows:

- Improbable: Low possibility of risk to occur either because of design or historic experience  
Rating 2
- Probable: Prominent possibility that risk will occurring  
Rating 3
- Highly probable: Most likely that risk will occurring  
Rating 4
- Definite: Risk will occur regardless of any prevention measures  
Rating 5

### Recommended management action

For each impact, the recommended practically attainable mitigation actions that would result in a measurable reduction of the impact must be identified. This is expressed according to the following:

- Avoidance: Preserve feature at all costs and restore/rehabilitate/enhance it together with interpretation.
- Mitigation: Preserve feature if possible, otherwise salvage excavation and/or documentation/recording before demolition/alteration, followed by preserving its memory in design and scale of development.
- None: No further action required.

### Severity rating

The severity rating is calculated from multiplying the **intensity factor** with the **duration factor**, e.g.  $2 \times 3 = 6$

<b>RATING</b>	<b>FACTOR</b>
Low severity: rating = 2	Calculated values 2 - 4
Medium severity: rating = 3	Calculated values 5 - 8
High severity: rating = 4	Calculated values 9 - 12
Very high severity: rating = 5	Calculated values 13 – 16 and more
Severity factors below 3 indicate no risk	