

# APPENDIX I TECHNICAL SPECS

## 1. IMAGE PRODUCTION SPECIFICATIONS

### Source Material

Original photographic material captured in South Africa (2022–2025)

DSLR and mirrorless digital cameras

RAW format capture

Natural light and environmental conditions (no studio fabrication)

### Digitisation & Editing

Software: Adobe Photoshop (version XX)

Workflow: Layer-based compositing

Colour: Derived exclusively from photographed source material

No digital drawing

No generative AI systems used

No stock imagery incorporated

No algorithmic image synthesis

### File Format

Master files: PSD (layered archival format)

Print export: TIFF (300 dpi, CMYK)

Digital projection export: High-resolution PNG sequence / MP4 (lossless compression)

## 2. PRINT SPECIFICATIONS

### Canvas print

Pigment ink printing (archival quality)

### Dimensions

Vulnerable Creatures: 60 x 120 cm

Thinly Veiled: 120 x 90 cm

Lumen: 80 x 80 cm

Eden's Dialogue (Diptych): 60 x 120 cm & 80 x 120 cm

### Mounting

Direct wall mount

## 3. PROJECTION SPECIFICATIONS

### Projectors

Model: Samsung Freestyle: 2<sup>nd</sup> generation

Lumens: 550 LSD

Resolution: Full HD / 4K

Aspect ratio: 16:9 / custom

### Projection Type

Front projection onto printed surface

Projection mapped to artwork dimensions

Seamless looping playback

### Loop Duration

Approx. 3 minutes 40 seconds per work

Continuous playback (no visible start/end point)

## **Playback System**

Media player: [e.g. Mac Mini / BrightSign / laptop]  
Software: Adobe After Effects export

## **4. ANIMATION PARAMETERS**

Animation created in Adobe After Effects  
Base still image remains structurally primary  
Animated layers limited in opacity  
No character animation  
No narrative sequencing  
Seamless loop construction  
Subtle displacement and opacity modulation only

## **5. SOUND SPECIFICATIONS**

Field recordings captured in South African environments  
ElevenLabs.io:  
Layered ambient drone construction  
Non-musical structure (no harmonic progression)  
Playback through concealed speakers

### **Audio Format**

MP4  
Looping ambient track  
Stereo output

## **5. INSTALLATION CONDITIONS**

### **Lighting**

Controlled ambient light  
No direct spotighting  
Reduced glare environment

### **Viewing Distance**

Designed for 1.5m – 3m viewing range  
Human-scale encounter

### **Spatial Configuration**

Non-linear circulation  
Lifecycle sequencing  
Sound bleed intentional but controlled

## **6. AI DISCLOSURE**

No generative AI systems were used in:  
Image production  
Animation development  
Sound composition  
Compositional decision-making

## 7. SOFTWARE & PRODUCTION ENVIRONMENT

### **Image Compositing**

Adobe Photoshop: Layer-based compositing of analogue and digital photographic material; colour calibration derived exclusively from source matter; no generative tools employed.

### **Animation & Temporal Extension**

Adobe After Effects: Development of restrained opacity respiration, gradient drift, displacement modulation, and seamless looping structures (~3:40 per work).

### **Video Encoding & Projection Output**

Adobe Media Encoder: Export and compression of master files for projection and online presentation formats.

### **Sound Development**

ElevenLabs.io: Final soundscape constructed through field-derived and manually structured audio layering.

### **Catalogue Design & Publication**

Adobe InDesign: Layout, typographic structure, image placement, and final publication formatting.

### **AI Systems**

Generative AI platforms (for example Leonardo.ai) were explored conceptually during early research phases but were excluded from all final visual outputs.

### **Online Exhibition Environment**

Platform: Kunstmatrix

Function: Virtual exhibition hosting and spatial simulation

Content: Pre-rendered image and video files uploaded in completed form

Modifications: No automated visual generation or alteration by the platform

Purpose: Screen-based translation of the physical installation structure

The online exhibition does not attempt to replicate the phenomenological conditions of the physical installation but translates its durational and spatial logic into a navigable digital environment.

All digital processes were human-directed and manually calibrated.