CHAPTER

09

This chapter aims to conclude the dissertation with final drawings and images.
9.1. DISSERTATION CONCLUSION

To conclude this dissertation, the initial architectural and theoretical intentions were explored through the use of various functions and character groups. The first objective of protection is achieved through the use of robust construction. The second objective of observation is achieved through various camouflaged spaces that allow the user groups to observe without being seen. The third objective of merging margins is achieved through the use of specific activities that facilitate the user groups to adapt and assist each other through the struggle to regain their identities. The fourth objective of resilience is achieved through the use of alternative energy strategies which includes passive solar, ventilation, heating and cooling strategies.

Due to the speculative nature of the dissertation, it was the hope of the author to suggest an alternative way of creating architecture that provokes meaning and thinking. The journey of the project involved processes of questioning, struggle and contemplation in order to achieve an imperfect product open for interpretation.
Figure 184: Final site layout. (2016)
Figure 185: Final LEVEL 2 layout. (2016)
Figure 187: Final LEVEL 4 layout. (2016)
Figure 188: Final LEVEL 5 layout. (2016)

Figure 189: Final LEVEL 6 layout. (2016)
Figure 190: Final LEVEL 7 layout. (2016)

Figure 191: Final LEVEL 8 layout. (2016)
Figure 192: Structural clarification of the Core and Archive buildings. (2016)
Figure 193: Structural clarification of the Laboratory and Observation deck buildings. (2016)
Figure 194: Detail (not to scale) of the Observation deck. (2016)
Figure 195: 3-dimensional detail (not to scale) of the Observation deck. (2016)

Figure 196: 3-dimensional detail (not to scale) of the Observation deck. (2016)
Figure 197: 3-dimensional detail (not to scale) of the Archive. (2016)
Figure 198: 3-dimensional detail (not to scale) of the Archive. (2016)
Figure 199: 3-dimensional section of the Laboratory (right) and the seed vault (left). (2016)
Figure 200: 3-dimensional section (not to scale) of the Observation deck, illustrating how hot air is extracted from the building during summer. (2016)

Figure 201: 3-dimensional section of the Workshops and Archive, illustrating how passive strategies were considered. (2016)
Figure 202: 3-dimensional section of the Workshops and Archive, illustrating how passive strategies were considered. (2016)

Figure 203: 3-dimensional section of the Energy Chamber, illustrating how passive strategies were considered. (2016)
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Figure 205: 3-dimensional illustration of the first scenario: a protected and self-sustained community. (2016)
Figure 206: 3-dimensional illustration of the second scenario: a monument falling to ruin. (2016)
Figure 207: 3-dimensional illustration of an architecture of refuge in its entirety, (2016)
Figure 206: Technical section of Workshops. (2016)
Figure 209: Technical section of Archive. (2016)
Figure 212: Interior rendering of the Laboratory. (2016)

Figure 213: Interior rendering of the Observation deck. (2016)
Figure 214: Interior rendering of the walkway between the Core and the Observation deck. (2016)

Figure 215: Interior rendering of the Archive dining area. (2016)


Frampton, K. 1987. Ten Points on an Architecture of Regionalism: A Provisional Polemic. USA: University of Texas.


Websites:

Accessed 8 September 2016.

Figure 190: Final LEVEL 7 layout. Author (2016)
Figure 191: Final LEVEL 8 layout. Author (2016)
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Figure 210: Photograph of final model. Author (2016)
Figure 211: Photograph of final model. Author (2016)
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Figure 215: Interior rendering of the Archive dining area. Author (2016)