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C O N C E P T



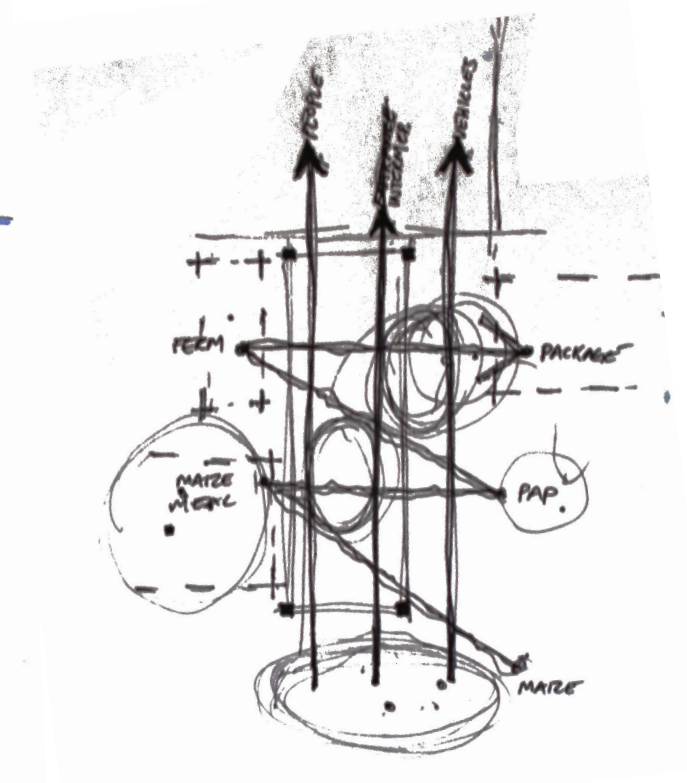
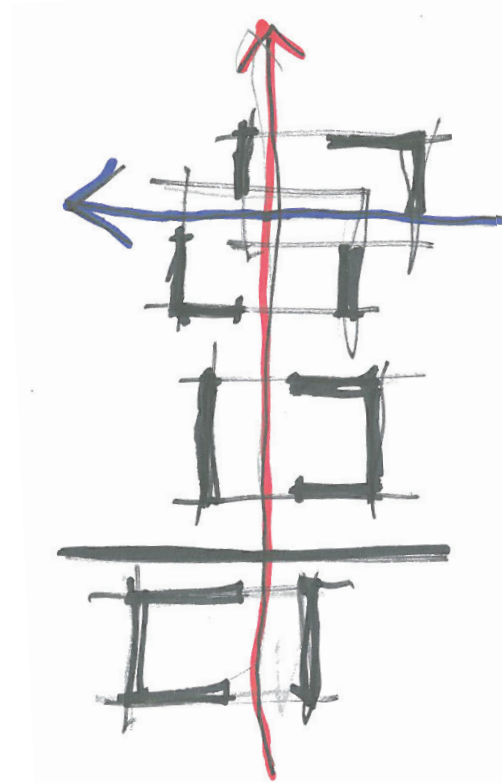
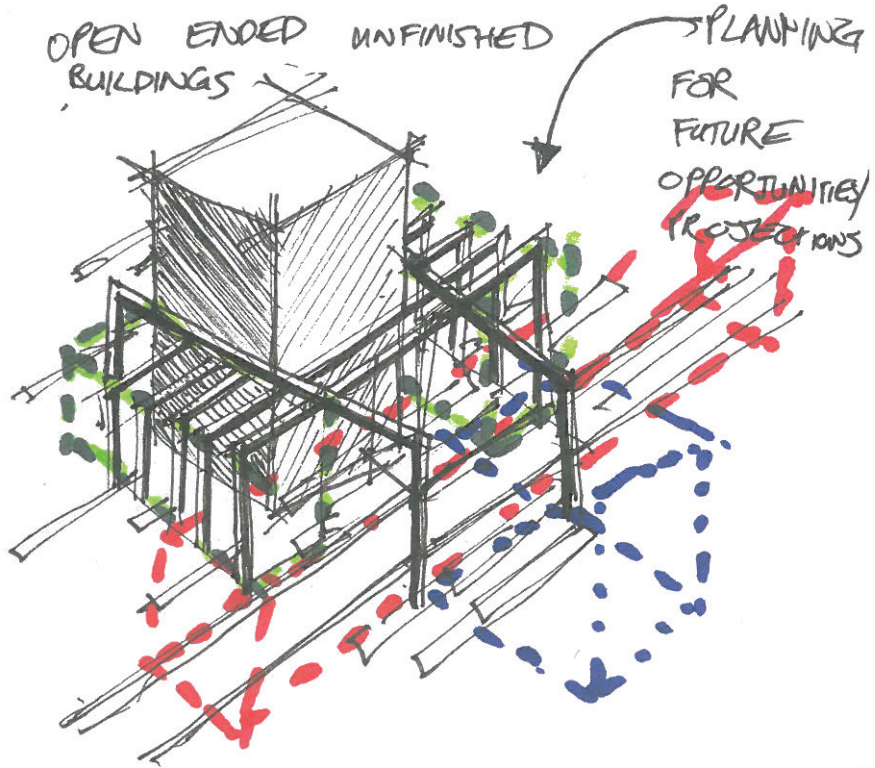
CONCEPT

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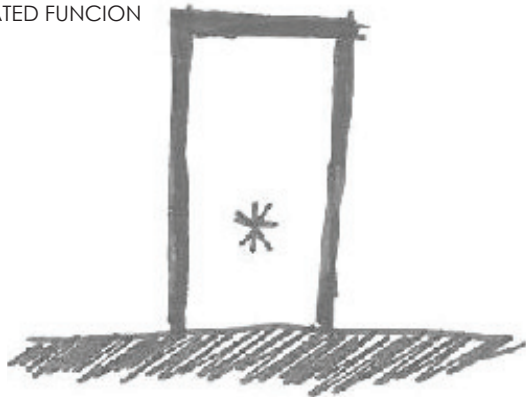
BUILDING POTENTIAL

LINEAR PROGRESSION THROUGH SPACE

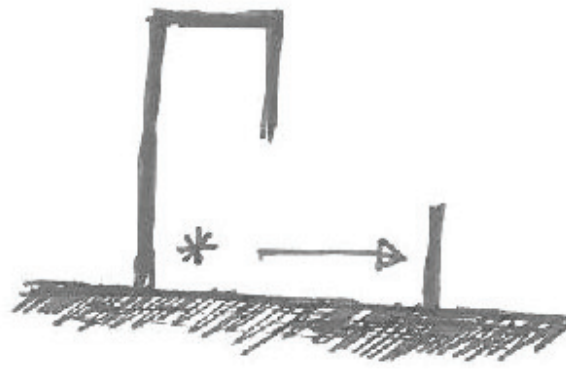
ACTIVE SPACES



ISOLATED FUNCTION



EXTENDED FUNCTION



DYNAMIC FUNCTION

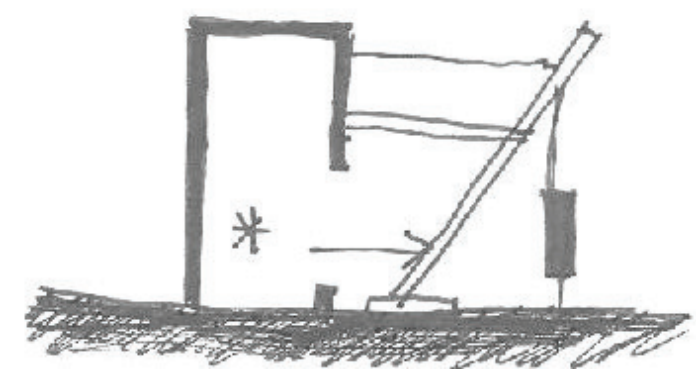


Fig. 6.1 Concept Development Sketches (Author, 2017)

CONCEPTUAL APPROACH

Once the morphological study has been completed and understood one can project and interpret future trends and short-falls of the existing. From this understanding, the project intentions have been outlined in order to fulfil not only the requirements of today but of the future as well.

The project's individual intentions as a reaction forms the driving factor for decision making, whilst the site, theory and program is utilised as tools in order to fulfil the project intentions. <insert Parthenon heritage example>. With this approach for example it is of more importance to utilize heritage to fulfil a specific programmatic intention rather than to protect heritage by applying a new program to an unrelated building of heritage value. In short: Emphasis falls on utilization of context, theory and programme with the intentions unifying and synthesizing the response to each of the aforementioned factors.

To achieve this, the intentions themselves need to be synthesized into a singular concise narrative. This will avoid the obvious "checklist" approach to design and instead sets out a holistic essence that could narrate the design process and design decisions. The synthesis of the design intentions into a singularity is crucial to the "DNA" of the building as it encapsulates a unifying ideal throughout the entirety of the architectural solution.

After the specific design intentions are distilled into a singular design concept that encapsulates the essence of the required intervention. The narrative becomes the underlying yard-stick to which the responses to context, heritage, theory and programme is measured.

PROJECT INTENTIONS

Theoretical Intentions

Following the morphological study and reflection of the industry-city relationship, as a whole, one can conclude that industry will be returning to a community setting and the relationship between city and industry would become symbiotic in nature. This projection is supported in theory as proposed by Jankovic, Farel and Yannou in their Conceptual framework for Eco-Industrial parks.

Contextual Intentions

A morphological understanding of the development of the intricate situation that exists on site today leads the contextual discussion. Various models for expansion, additions and new developments can be distilled from this understanding. As discussed in the model for additions chapter, there are few architectural principles or unities for the architect to latch on to for future interventions and the site itself alienates the individual and is in a state of disarray.

The intentions are thus to create a legible and harmonious condition that includes the individual. Also, the limited historic architectural intentions that are available on site are to be utilized and amplified through the establishment of a model for additions (a result of the morphological study).

The extension of the old into the new becomes the initiation of the technical investigation as well as the instigating programmatic intention.

Programmatic Intentions

Currently the functions on site are isolated from outside influences. Natural systems and the community setting that the city offers has been completely neglected

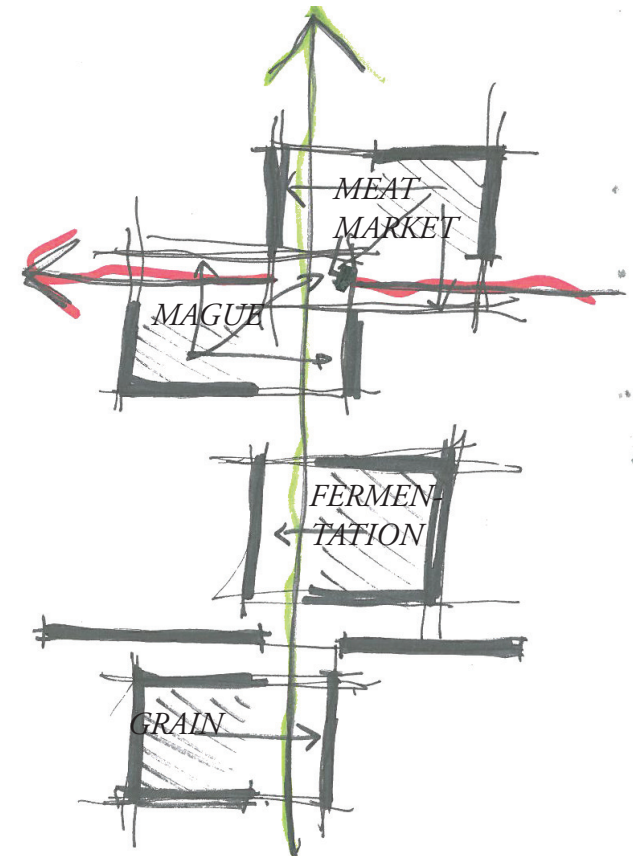


Fig. 6.2 Extending the facade to allow program to spill out (Author,2017)

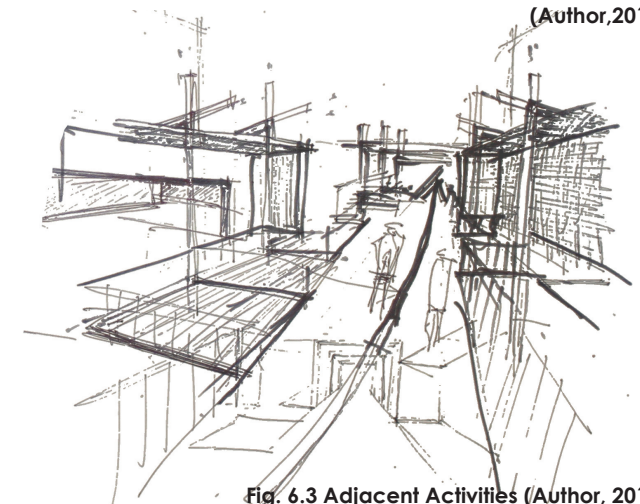


Fig. 6.3 Adjacent Activities (Author, 2017)

in the planning of the specific program. Extending these isolated functions towards the street (public interface) allowance can be made for secondary and supplementary functions to attach to it.

As defined by the Eco-Industrial Parks the establishment of anchor tenant (Mageu) with secondary industries that link with this tenant, should result in a collaborative and more sustainable environment.

The central programmatic theme consists of the cross programming of industry and the public. This results in a community setting that addresses the research question: Can architecture serve as a tool to reconnect Industry to the city? The central programmatic theme is recurring throughout the intervention and apparent at various scales of intervention. From the initial urban framework and organisation of industries to finally the integration of shared resource systems and shared public spaces. (Komarzynska-Swiesciak, E., 2013)

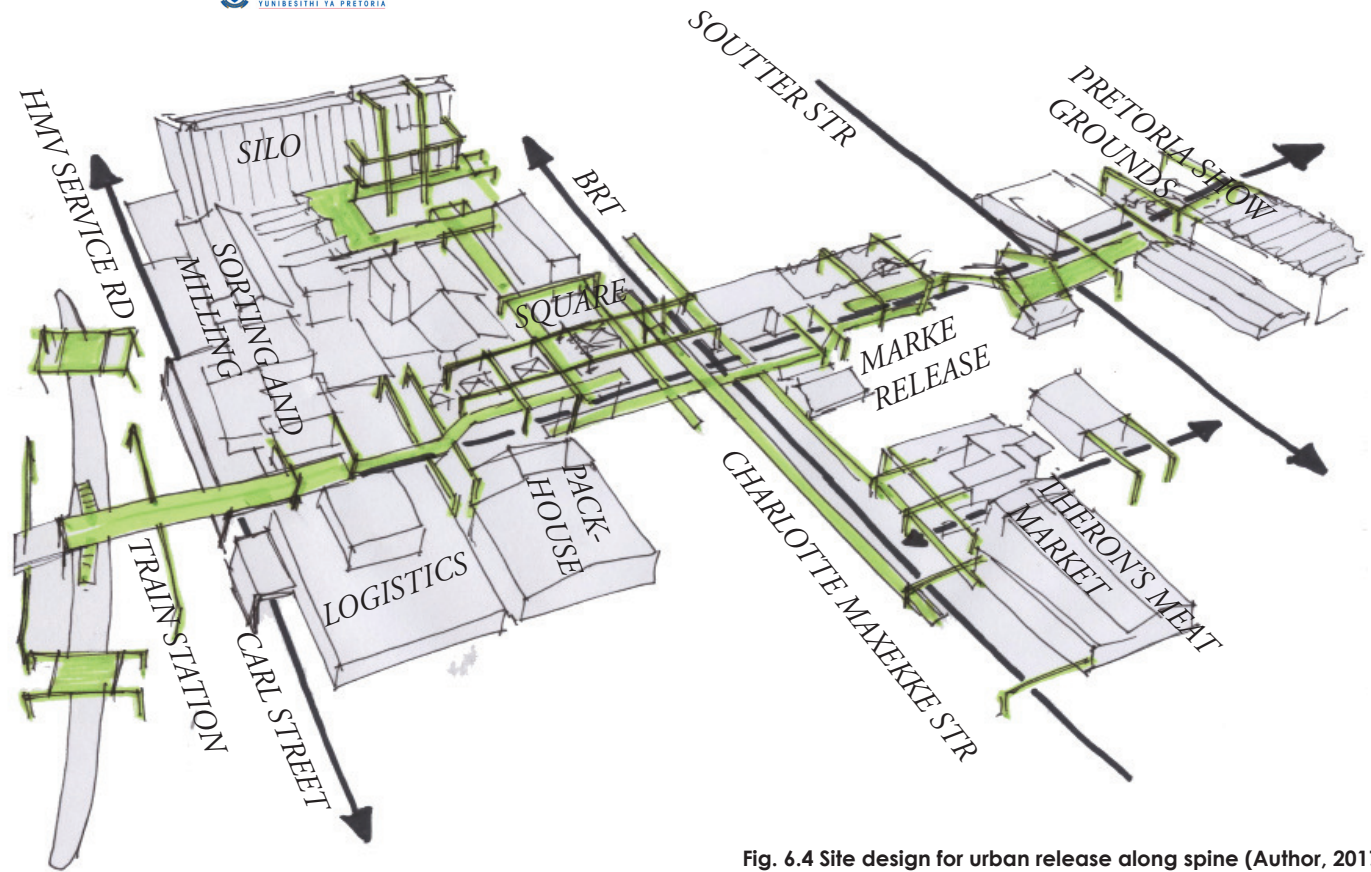


Fig. 6.4 Site design for urban release along spine (Author, 2017)

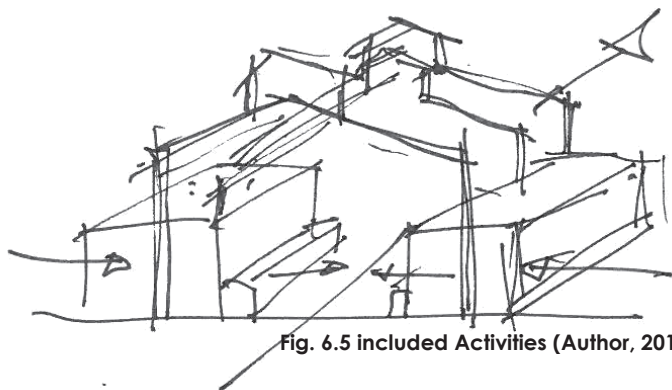


Fig. 6.5 included Activities (Author, 2017)

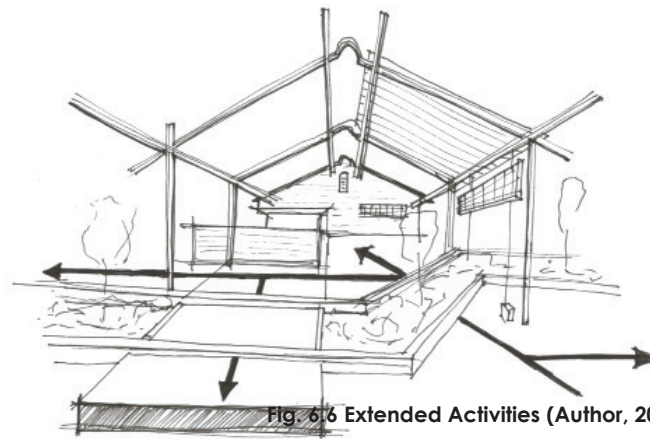


Fig. 6.6 Extended Activities (Author, 2017)

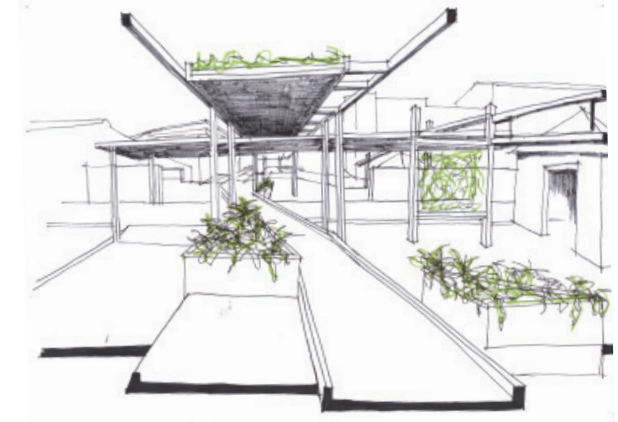


Fig. 6.7 Progressing Through Activities (Author, 2017)

FINAL CONCEPT

A roof draped over a cross-Programmed, productive network.

The synthesis of intentions into a singular concept that encapsulates the essence of the of the required intervention was developed early on in the investigation. Although the concept is utilized as the yard stick to which design decisions are measured in terms of context, program and Theoretical application, it is important to note that the concept is derived from the issues and intentions stemming from the context, program and theory. This leads to a cyclical design process where eventually, the design issues become the design informants and these ultimately become the design measuring device that measures responses to the design issues.

The extension of the production line towards the public interface:

This concept is utilized throughout the design. For an example as an approach to heritage:

Whilst the statement of significance outlines which parts of the buildings are of value and which are not, the project intentions are summarised in the concept that describes how these various parts of the building should be adapted and how the new addition should be approached in order to utilize the heritage value to fulfil the intentions. The concept also plays a unifying role, as it unites the heritage approach with the approach to systems de-sign/programmatic function and theoretical outcomes.

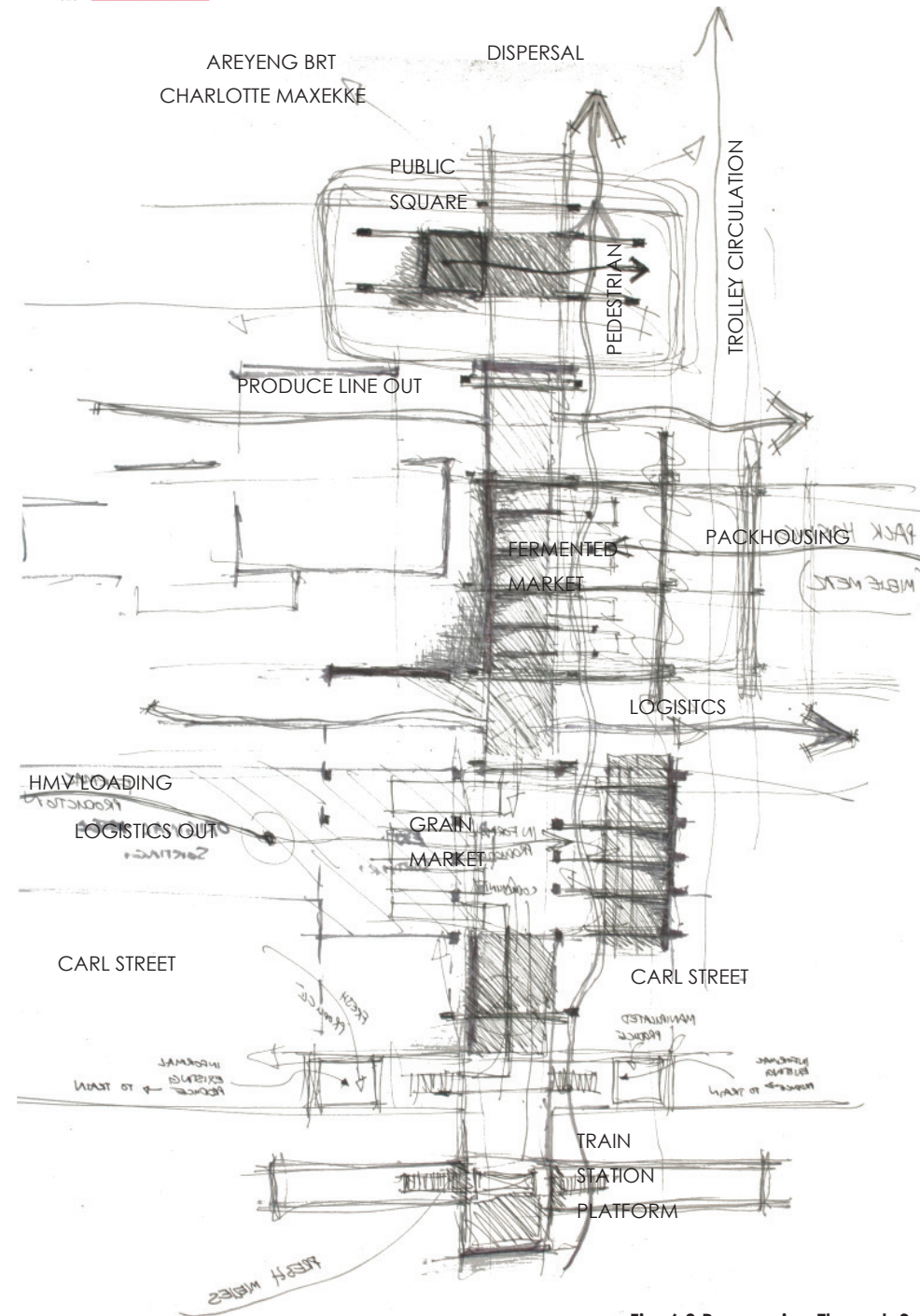


Fig. 6.8 Progressing Through Spaces (Author, 2017)

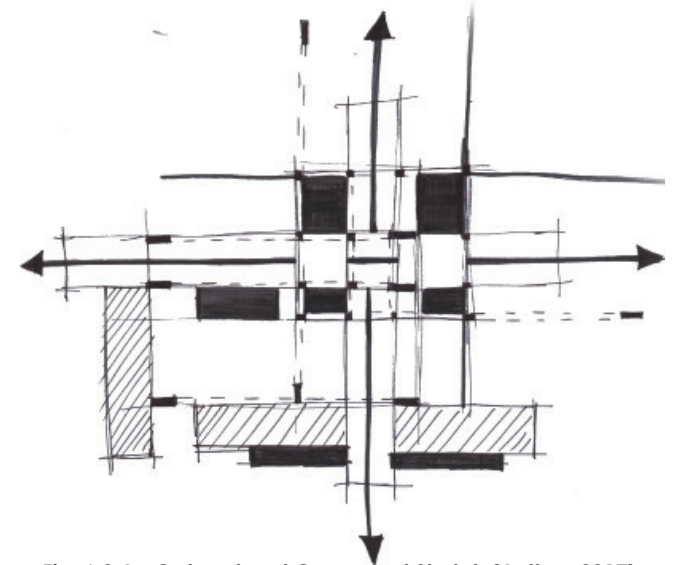
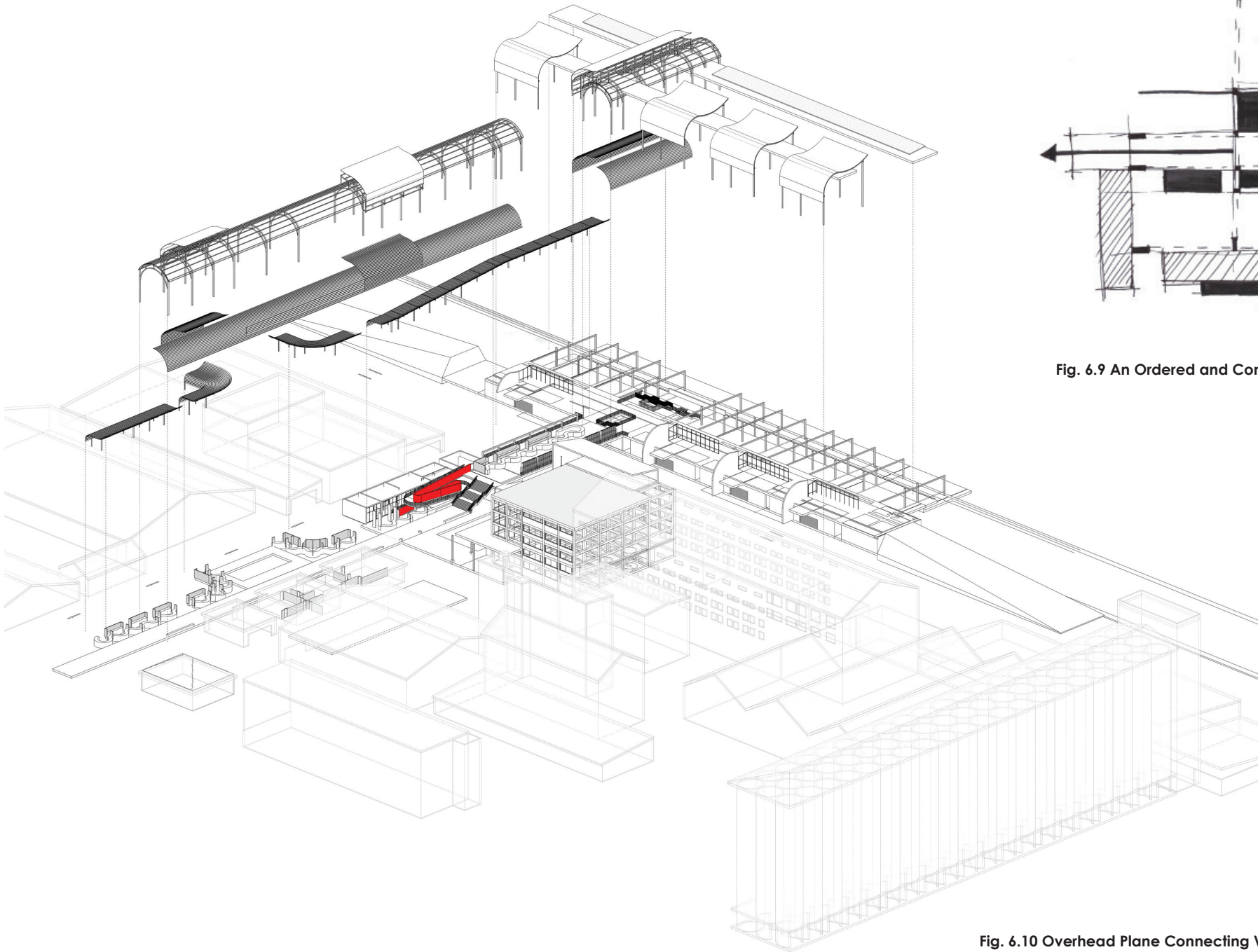


Fig. 6.9 An Ordered and Composed Sketch (Author, 2017)

Fig. 6.10 Overhead Plane Connecting Various Individual Elements Below