

# Design Studio Analysis Arch8018\_24158.

## Design Brief.

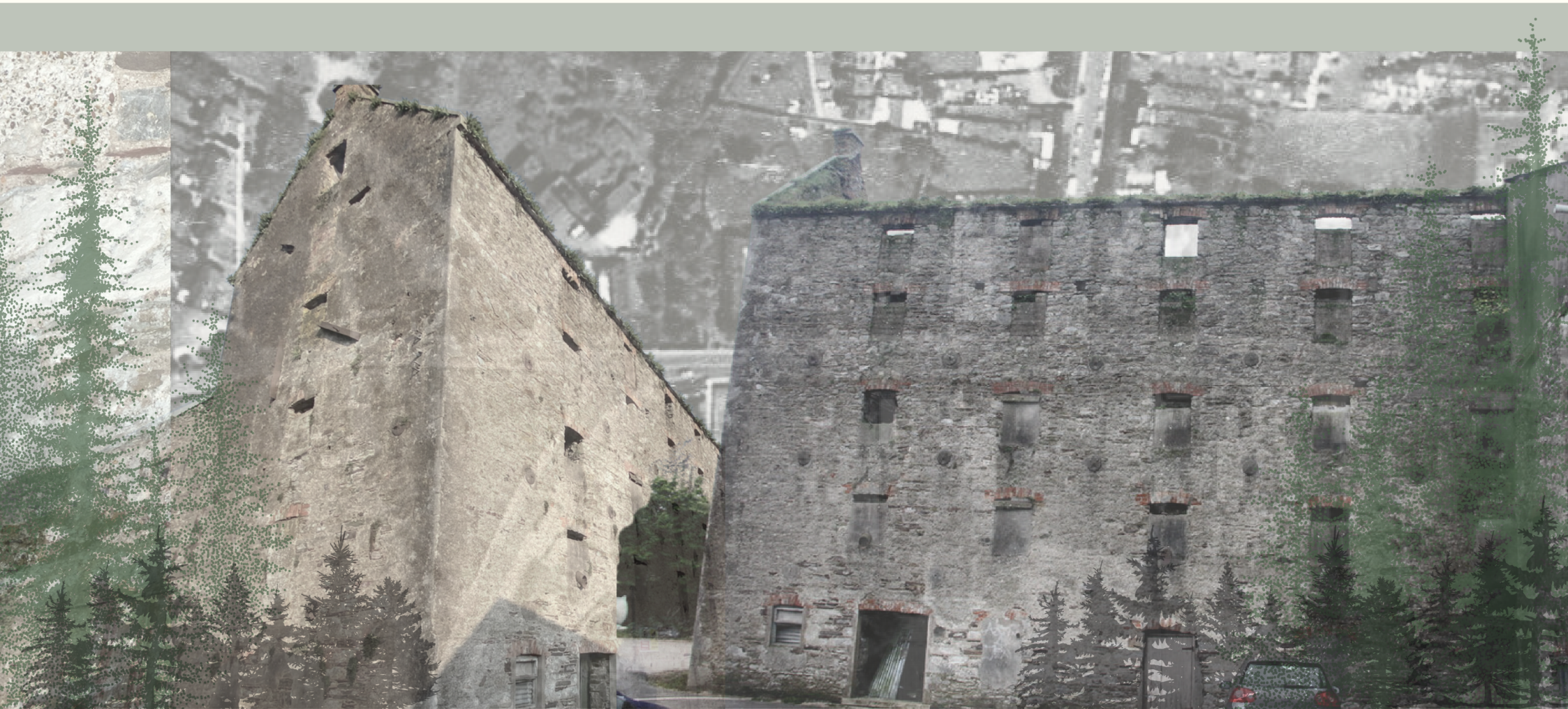
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Year 04, Semester 01.

BSc Interior Architecture 2023/2024.

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14/12/2023.





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## 1.0. Brief Requirements.

To create a flexible and multi-functional space using an existing building that accommodates mixed landscapes in response to its potential in adaptive design integrating knowledge, sustainability, interaction and community. Whilst also, integrating the natural, specific and hybridized atmospheres to allow for innovative ways of thinking, working, living, socializing, playing and reflecting. Gather various research to inform conceptualization, which will compose a unique design in approach to the complex building interior.

## 1.1. Background.

Throughout the history of Ireland many mills building were built to aid the community's agriculture, these buildings now lay derelict with no purpose to today's society. These buildings have been adapted and reused to create a unique community space across Ireland. The Killeagh Mill dates back to the nineteenth century, It is now roofless and ruinous while also being a protected structure (RPS no. 406) in the architectural conservation area. A stone-built extension was built to the return of the western elevation in the 1840s, while a large wrap around galvanized structure was added in the 1960s to the 1970s, after the fire in the 1960s.

The mill has stood on site since the 1830s, evidence of the mill has been found on the archeological heritage of Ireland site which dates to the 1766s. Formally a corn mill, but evidence found by locals of a bleach mill. The 1840s extension has 7 bays and 3 Storeys while the original has 6 bays and 5 Storeys. In 1842 Mr. J Johnstone left the building to Mr. Connolly due to a fire. Connolly built a new mill feeding the river disour from Glenbower lake through the mill. In the 1880s the mill became property of the Royanes then to the Sweeney family. In 1971 a bin of barley caught fire causing extensive damage to the now imposing feature of Glenbower woods. Most of the external structure is still alive to date, with the exception for the pitched roof. This site recognizes weathering, decay, fire damage and antisocial behavior.

## 1.2. Design Intent.

To create an environmentally friendly design that incorporates natural light for both the structural integrity and users benefit. A structure that entwines the inner and outer community together into a multi-functional space. This design will be an oasis within Glenbower woods that will accommodate all ages. Providing a rest stop along the greenway path at the heart of Killeagh village. A café with various refreshments and meals along with social recreational spaces will invite the local community into the building as a meeting point. Accommodation and repair shop will pair with the walking and bike paths that links Irelands county's, which will express the importance of utilizing small town derelict buildings for tourism and government funding.

## 1.3. Proposed Use.

Across Ireland to date there are various structures across villages/towns/cities that remain derelict and ruinous providing no function, allowing anti-social behavior and decay. We need to renovate and revamp these structures to bring new life to a structure that is soaked with history and life. Throughout the past decade health and wellness has become a vital part of life, from the bike to work scheme to competitive exercise to a casual Sunday stroll. We have seen the new greenway path being constructed from county to county, but vitally there is a path passing through from Killeagh Co. Cork to Waterford. There is a lack of stops that are suitable for an overnight stay where you can immerse yourself in culture, history, music and food.

Whilst visiting the site “the Killeagh mill” it became crystal clear that it is very relaxing and almost forgotten about as it is off the main road on the path towards the Glenbower woods but can be clearly seen from the main street. This led me towards the proposed use of health and wellness as its placed within a path and a strong community bursting with traditional Irish roots.

I propose a stop situated in the heart of Killeagh village on the edge of the greenway path, an oasis of history, culture and relaxation, where locals and tourists can gather to enjoy the calm, sustainable and fueled interior. A space for all ages to enjoy refreshments and food, and to listen to music and stories. A pit stop before you can travel onto county Waterford, including a bike repair and rental shop to avoid any distress. The accommodation crisis is a huge factor today, I intend to create a place to lay your head in affordable innovative accommodation that connects the exterior within the interior, accessible for all individuals. A haven of knowledge from local and global authors, from fiction to facts, the literature of the world both digitally and physically to allow access for mutli-generational learning.

When visiting “the Killeagh mill” on my second site visit I inspected the grounds, and I noticed how the river disour trailed alongside the mill as if it was imitating the future foot traffic through the greenway. The height of the building and its splendor structure will provide an interesting adaptive design with its impressive stone façade.

While reflecting on this proposed design, I found the lack of places for the general community of Killeagh and surrounding areas to go in their spare time to gather and relax. From my research of amenities in Cork, there is very little to do for both the youth and elderly citizens of our community that don't involve anti-social behavior or alcohol related spaces. I propose to incorporate a multi-functional area of recreation for teens and elderly citizens to use to interact and create friendships and bonds from morning to night. This will allow for the community to take part in a series of activities and hobbies, whilst learning something from one another, such as traditional music spaces to communicate through old trad songs, dancing and stories. This will aid tourism towards the building and increase the foot traffic. The incorporation of a Zen Garden on the exterior as the river disour rushed past will be completed with both internal and external yoga classes to aid the body and soul.

#### **1.4. Accommodation.**

- Health café.
- Bike repairs.
- Reception area.
- Multi-generational interaction space.
- Traditional music area.
- Yoga studio.
- Refuel rehydrate refreshment area.
- Historical heritage and library.
- Zen garden.
- Hostel accommodation.

#### **1.5. Design Requirements:**

This design should be fully flexible in incorporating universal design and allowing maximum accessibility for all users. A functional design that allows for an innovative and unique design that captures the conceptualization process fully, whilst being aesthetically pleasing to all users throughout the structure. This building will provide multi-functional spaces to cater to the inner and outer community, so respect for the user within the space is vital to allow everyone's enjoyment of the space.

The flow of space is vital when it comes down to spatial planning as the open plan design needs to incorporate distinct areas without the fully enclosed areas of a space. It's vital to offer private spaces for the areas in the hostel accommodation, but shared areas will be incorporated throughout the design. The importance of incorporating the exterior site to the interior to connect the nature and heritage of Killeagh is vital as a sustainable environmental design will vary the mood of the user and create a more impactful design.

## 1.6. Occupants.

This building is intended to invite both the inner and outer community, a space that can invite all ages, all cultures, all races. Though supervision is vital to ensure a safe and respected oasis can be submerged into the heritage and environment of the village. The main target audience is the users of the new greenway path that is travelling from Cork to Waterford, a collision of health and wellness to aid physical and mental health.

## 1.7. Aims.

- To produce an innovative design to connect community, knowledge, innovation and sustainability.
- To connect a sustainable design into the environment while trailing in natural light for the user and structures benefit.
- To represent the integrity of the current building and the environment of the village.
- To aid in the accommodation crisis while opening an area for rest for greenway users alike.
- To improve the quality of life by offering social and recreational activities for all ages of the community.
- To provide an accessible oasis within the woods for users to aid in their physical and mental health.

## 1.8. Objectives.

- To create a space that will gather the community into a space that will be the heart of the village.
- To generate a sustainable design that will incorporate the environment surrounding the building.
- To help the community in researching the heritage and history of the village whilst also refreshing their minds through literature which aids in their mental health, while the greenway path will aid in their physical health.
- To highlight the river dissonance and incorporate its virtue into the design as it will point out its beauty and significance to the village's integrity and history.
- To fight the accommodation crisis by incorporating hostel accommodation for individuals needing refuge and travelers cycling around the country.
- To incorporate a healthy café to substitute the unhealthy eating habits, while also fueling the body and mind while on a physical and mental retreat.

### **1.9. Time Frame.**

There will be submissions throughout the year to aid in the final grade, with weekly check-ins during class time to ensure a consistent workflow. The due date for the final assignment in semester 01 is due on the 14th of December 2023 with a proposed designed environment. The final submission for Design Studio Analysis is scheduled for Mid-May with the exact date to be announced.

### **1.10. Conclusion.**

To Conclude this brief, the structure will gauge with the community using a splendor of knowledge and warmth in the heart of Killeagh village. The current mill is irrelevant to the occupants of Killeagh providing minimal service to the village, if completed correctly the design will benefit the community and travelling individuals both physically and mentally.