



鐵棟創藝-舊地重生

鄰近草屯原為一處廢棄招待所的閒置空間，脫胎換骨成為一結合輕食咖啡廳與藝術家設展的多功能藝術展演空間，並希望藉由設計規畫，成為友善的建築環境。

綠化方面：園區保留全部的原生植栽，僅在建築物兩側增植雪松及黃楓做為入口意象，多數原生樟樹環繞園區，將建築所排放的二氧化碳轉換成植物吸收量，降低二氧化碳濃度。

生態方面：另增設一續水池，自然形成生態池，增加生物棲地，使物種多樣化。

減廢方面：保留了舊磚牆，不多作拆除，達到廢棄物減量，並保留原環境原石，堆砌擋土牆。

節源方面：將原屋頂結構拆下來做防鏽，塗裝，利用再還原，經評定做為，可再利用的資源。

環境方面：整體環境建築外部，強調與周邊環境相融合，和諧一致、動靜互補，做到保護自然生態環境。

The abandoned building of a former guest house, located in Caotun, has now reconstructed into a multi-arts space integrating café and artists exhibitions. Based on the design and planning of the following points, working towards becoming a friendly built environment.

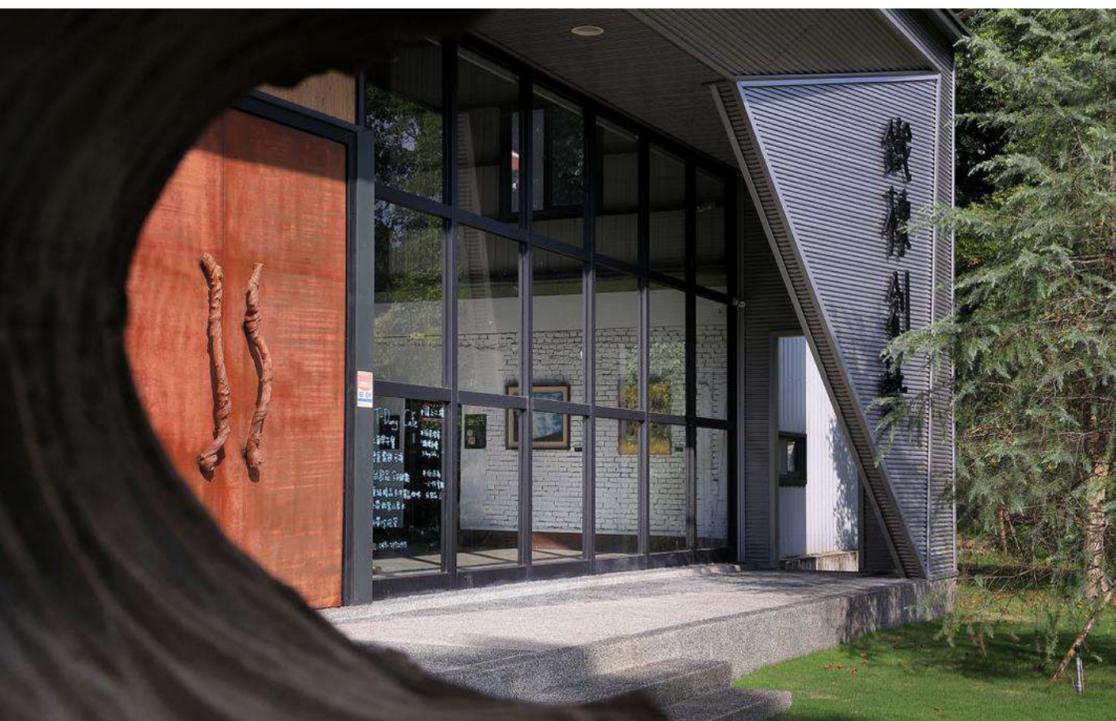
Greening aspects :The park retains all native plants, and only adds cedar and yellow maple on both sides of the building as the entrance image , most of the original Fresh camphor trees surround the park , converting the carbon dioxide emitted by the building into the amount of plant absorption, reducing the concentration of carbon dioxide.

Ecological aspects: To increase biological habitats and diversify species, we have set up a pond which can form an ecological pool.

Waste reduction: Old brick walls are retained, to reduce the amount of waste. Transform the stone of the original place to a new retaining wall.

Resource saving:The original roof structure is dismantled. After rust prevention, painting, realize the purpose of re-use. Evaluated as a renewable resource.

Environment aspects :The exterior of the building emphasizes the integration with the surrounding environment, harmony, dynamic and static complementation, so as to achieve natural ecological protection.



完工建築環境樣貌



原始建築樣貌

REBIRTH



原始建築鳥瞰樣貌



開發整地，保留原地層原石，鋪設堆砌擋土牆

園區保留全部的原生植栽，僅在建築物兩側增植雪松及黃楓做為入口意象，多數原生樟樹環繞園區，僅入口主動線做硬鋪面，其餘空間保留大面積的綠地，停車空間鋪設植草磚，另外以踏石代替水泥，使雨水能全數進入地下層做涵養。

The original outdoor plants remain intact, and cedars and golden maples are planted at the both sides of the building, which is revealing the vibe of energy.

The outdoor building, except the concrete paths, is pervasively planted with original eucalyptus and adjoined with the expanded green area. That the grass block pavers on the parking lot and the step stones, rather than concretes, strengthen the water-retention capacity.



設計師與業主一併構思，期望保留此處的原貌，不多作拆除及重建等增加廢棄物並耗損新建材的方式。

將此處原屋頂結構拆下來做防鏽，塗裝，之後再還原，從四米挑高為八米建築，鐵棟代表50年代的鋼構建築，希望在工業革命時代保留的建築內，注入藝術，鐵棟創藝於是應運而生，期望此空間能成為培養未來藝術家的基地。

The building,renovated from an abandoned guest house ,is co-designed by the house owner and designer, who expected to have the design plan preserved the original architectural structures, and avoided the excessive demolition and reconstruction that could otherwise increase the output of wastes and input of materials.

The roof overhauled with the processes of rustproof and repaint has now heightened, from the 4-meter, to the 8-meter building that contains the spaces for the café and artist performances. T-Dung, the building representing the steel architecture in 1950s when the era of industrial revolution ,symbolizes the anticipation of being a homeland for cultivating future artists.



原舊有四米建築



原屋頂結構桁架拆下做防鏽，塗裝



從四米挑高為八米建築



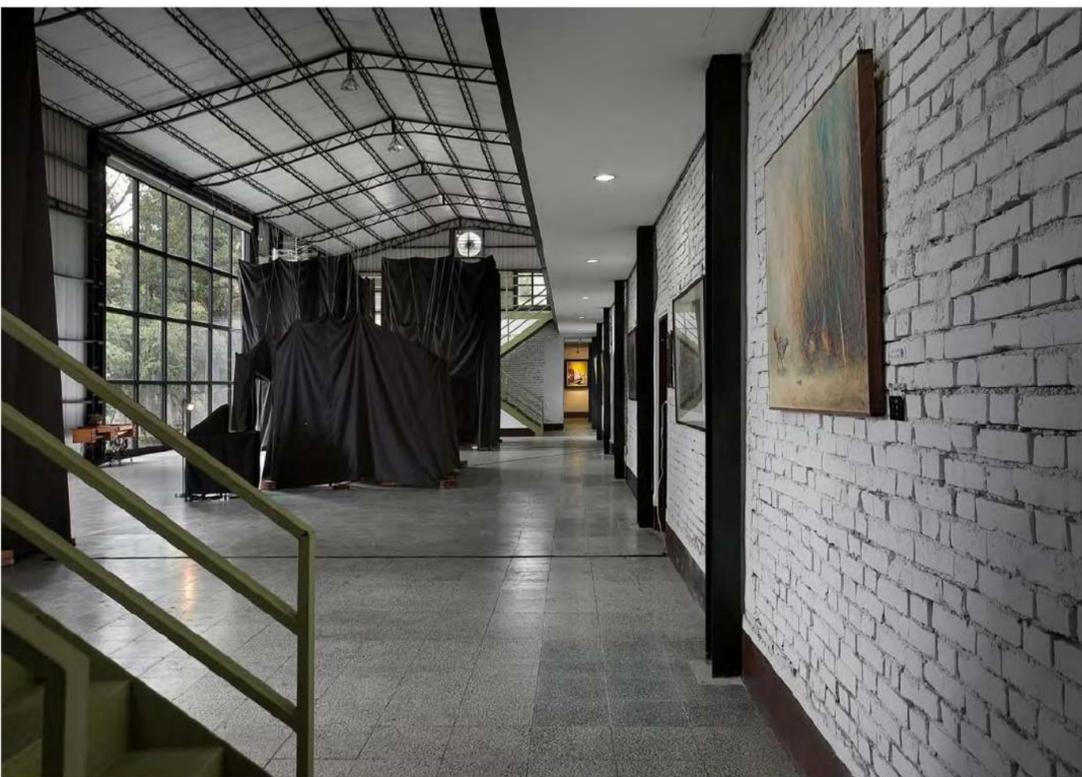
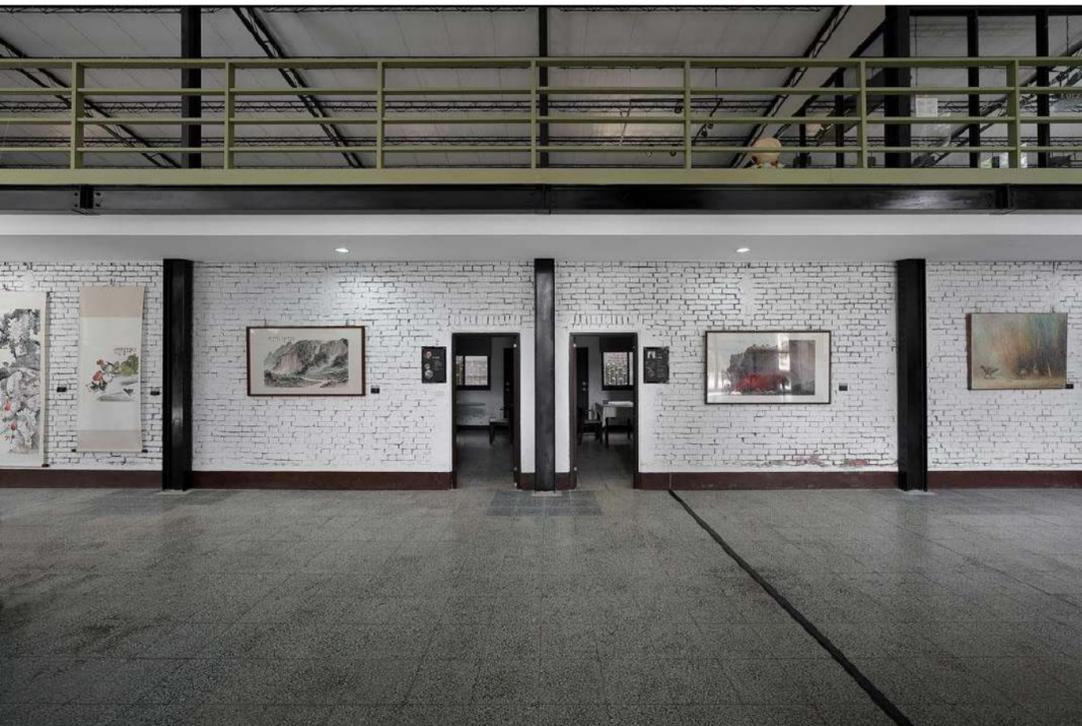
建築物立面用三維向度富有立體感之設計，運用結構鋼及塗裝摺疊鋼板、磨石子等多層次材質搭配，玻璃及鐵件的組合更增加透光的實用性，訴說其空間與應用的多樣性，也展現了藝文特區的藝術特質，樸實的色澤與周圍環境絲毫不違和。

The 3-D building façade decorated with structural steels, coated steel sheets, terrazzo, glass and ironworks glows. In fascinations, which show the artistic allurements and the plain colors harmoniously blending to the surrounding environment.



建築有兩層，保留了舊磚牆，除了少量的鐵、木和磚的裝飾。一樓室內正門附近有一展演舞台，可用於偶爾的表演。

There is a performance stage adjacent to the front entrance outside the building. There are two floors in the building, where the old brick walls are preserved, in addition to few adornments of irons, woods and bricks. The first floor is available for occasional performances.





咖啡廳在二樓的右邊，那裡也有一個開放的戶外空間。有才華的年輕藝術家可以在左邊展示他們的作品。藝術展覽和商業經營的複合空間有效地容納了更多的活動。

The cafe is on the right side of the second floor, where there is also an open outdoor space. Talented young artists can do their work on the left. Art exhibitions and commercial spaces for commercial commerce effectively held more events.





廢棄似不可用的舊建築，經設計師慧眼識英雄，保留原建築素材修復再利用，只因期許歷史的風景、既存的環境，不管現在、未來能得以延續，力求自然、環保、永續的概念，舊地重生，彷彿新生，傳達了環境保護與藝術之美。

Renovated by the ingenious design ideas advocating the reutilization of building materials, the abandoned building has now turned into the enduring architecture highlighting the concepts of nature, environmental protection and perseverance that renewed the old building and expressed the elegance of environmental protection and art.