

COURTYARD HOUSING 庭院連筑



COURTYARD HOUSING

Like a metropolitan nucleus, the new connected campus heart not only introduces new dense housing and credible social interaction but also makes the most sustaining commitment by reducing the distance between people and their destinations.

By shifting the new development into the existing campus center, the Southward Precinct is freed to extend into a new natural landscape loop, increasing the campus' green nature by more than 300%. Conceived as a series of stepped solar courtyard blocks that open to views and solar access, the new courtyard block typology encourages social interaction among intergenerational residents and visitors. Towards the south and north, these courtyard blocks step up to maximize passive solar heat gain and views, while those towards the east and west step down to allow summer breezes and pedestrian access. By creating an intimate, pedestrian fabric between the blocks, winter winds are blocked, resulting in a walkable campus. The grade courtyard block level is activated by mixed-use programs, allowing for a blend of retail, hospitality, community, and university functions.

This spatial density occurs not only socially—in section—but also ecologically in plan by means of the garden court and landscape loop. Imagine a five-minute coffee break in a courtyard café that turns into a chance encounter of a biology seminar en route to the indigenous prairie lab, or an agriculture student sharing interests with an architecture studio across the courtyard. By organizationally weaving together social, ecological, and intellectual spaces, the new campus center crosses traditional boundaries between disciplines and demographics, forging new sustaining cross-pollination for the future of Manitoba.

庭院連築

像大都市核心一樣，新的相連的校園核心不僅引入了新的密集的住房和可信的社交互動，而且通過減少人與他們的目的地之間的距離，減少能耗。

通過將新開發項目轉移到現有的校園中心，南方分區可以延伸到一個新的自然景觀環路，使校園的綠色性質提高300%以上。一系列向景觀和太陽能開放的新的庭院塊類型鼓多代居民和遊客之間的社會互動。朝南和北，這些庭院最大化的向景观和日光开放，同时那些朝東部和西部下的庭院则拥为夏天的微風和行人提供了通道。通過在塊之間創建一個親密的、行人尺度的肌理，冬天的風被阻隔，形成一個可步行的校園。庭院塊級別被混合使用模式激活，促进零售，酒店，社區和大學功能的融合。

這種空間密度不僅發生在社會部分，在剖面中，而且也通過花園和景觀環路体现生态中。想像一下，在一個庭院咖啡館裡五分鐘的咖啡休息時間，這將成為吸引一個生物學研討會到本地實驗室的機會，或一個農學生在建築的庭院分享興趣。通過將社會、生態和智力空間組織在一起，新的校園中心跨越了學科和人口統計之間的傳統界限，為馬尼托巴的未來建立新的可持續的傳播體系。

PROJECT

Campus masterplan/ nature park/ academic buildings/ housing/ transit station/ retail/ urban design

SIZE

472,328m² (5M ft²)

CLIENT

University of Manitoba Campus Planning Department

COLLABORATIONS

ARIAL 10

LOCATION

Winnipeg, Canada

KEY PERSON

Andrew Heid, Tomas, Janka, Nicolas Hannequin, Christopher Purpura

項目

校園總體規劃/自然公園/學術建築/住宅/中轉站/零售/城市設計

規模

472,328平方米 (5M平方英尺)

客戶

馬尼托巴大學校園規劃部

合作

ARIAL 10

位置

溫尼伯·加拿大

關鍵人物

Andrew Heid · Tomas · Janka · Nicolas Hannequin · Christopher Purpura



1. Masterplan. 2. Street view. 1. 主要計劃。 2. 街景。