

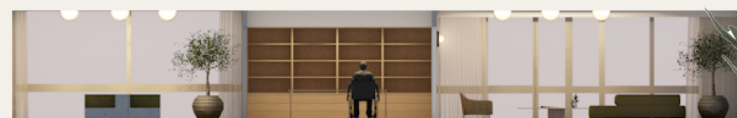
THE SPRING HUB

The goal of this design is to improve the daily life of all students on campus, with a focus on meeting the needs of creative students. The aim is to provide a meeting place for creative individuals from different design fields, where they can inspire and learn from each other. It's meant to be an inclusive space for all students, regardless of their abilities.

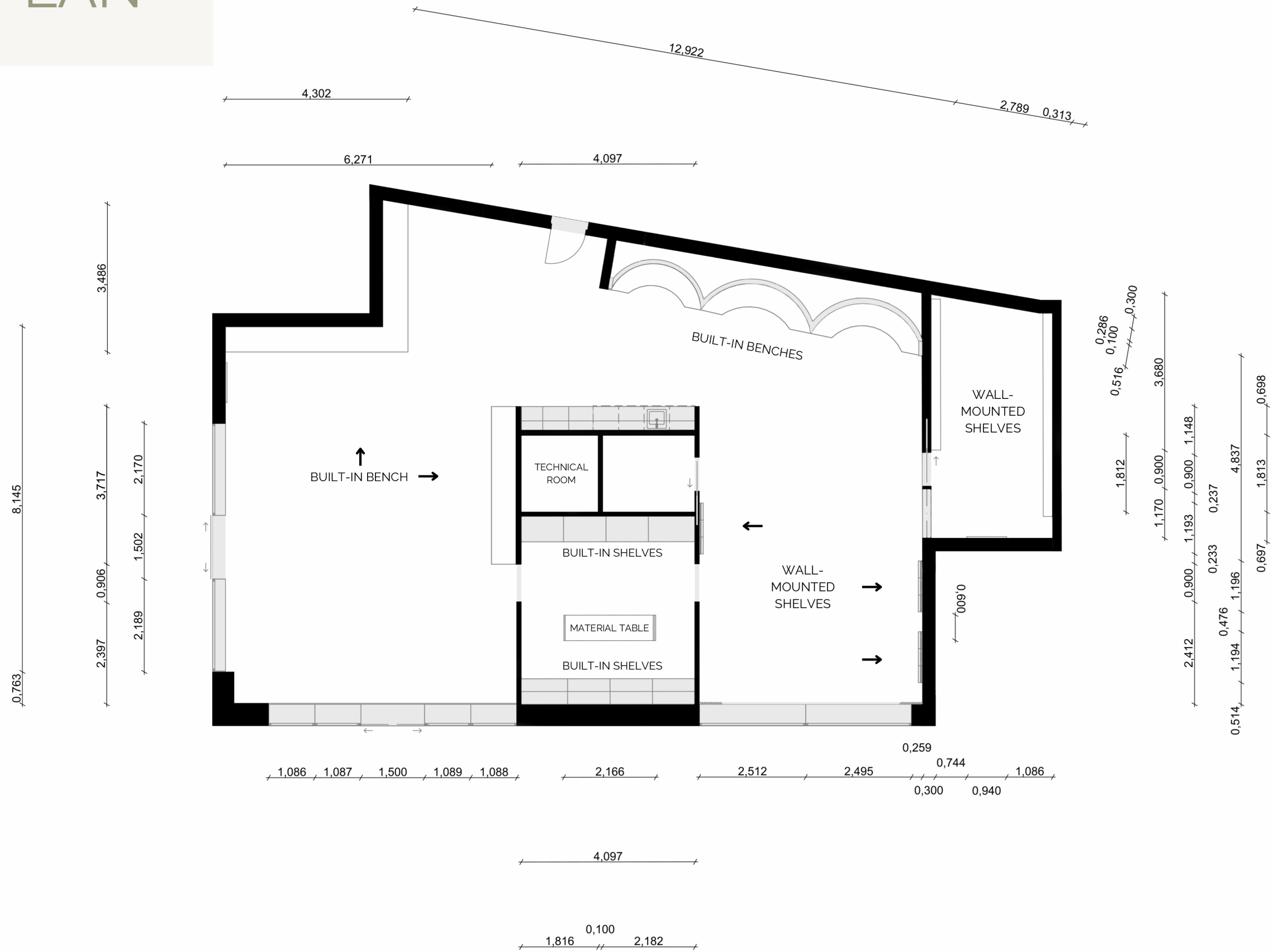
The target audience for this project is all campus students, particularly those who are creative and seek inspiration. The design concept is inspired by the early spring feeling in Norway, with elements of nature highlighting diversity in functionality, habits, and preferences.

Through universal design, the study lounge will be accessible to everyone and will accommodate studying in various zones and positions based on individual preferences. The design combines clean and organic shapes with timeless materials and an eye-catching ceiling, promoting comfort, quality, inclusivity, and warmth.

The vision for this study lounge is to strengthen bonds between students across different fields and create a student life where all resources are available in one place. It's intended to be a place where one can always find a zone that suits their mood and preferences for the day, and where they can find new inspiration and motivation.



FLOOR PLAN



PROJECT
STUDENT LOUNGE

CLIENT
GRIFFITH UNIVERSITY

DESIGNER
KRISTINA DANIELSEN

DRAWING
FLOOR PLAN

SCALE
1:100

DRAWING NUMBER
1.1

DATE
30.05.24

FURNISHING PLAN

4.5 Circulation space

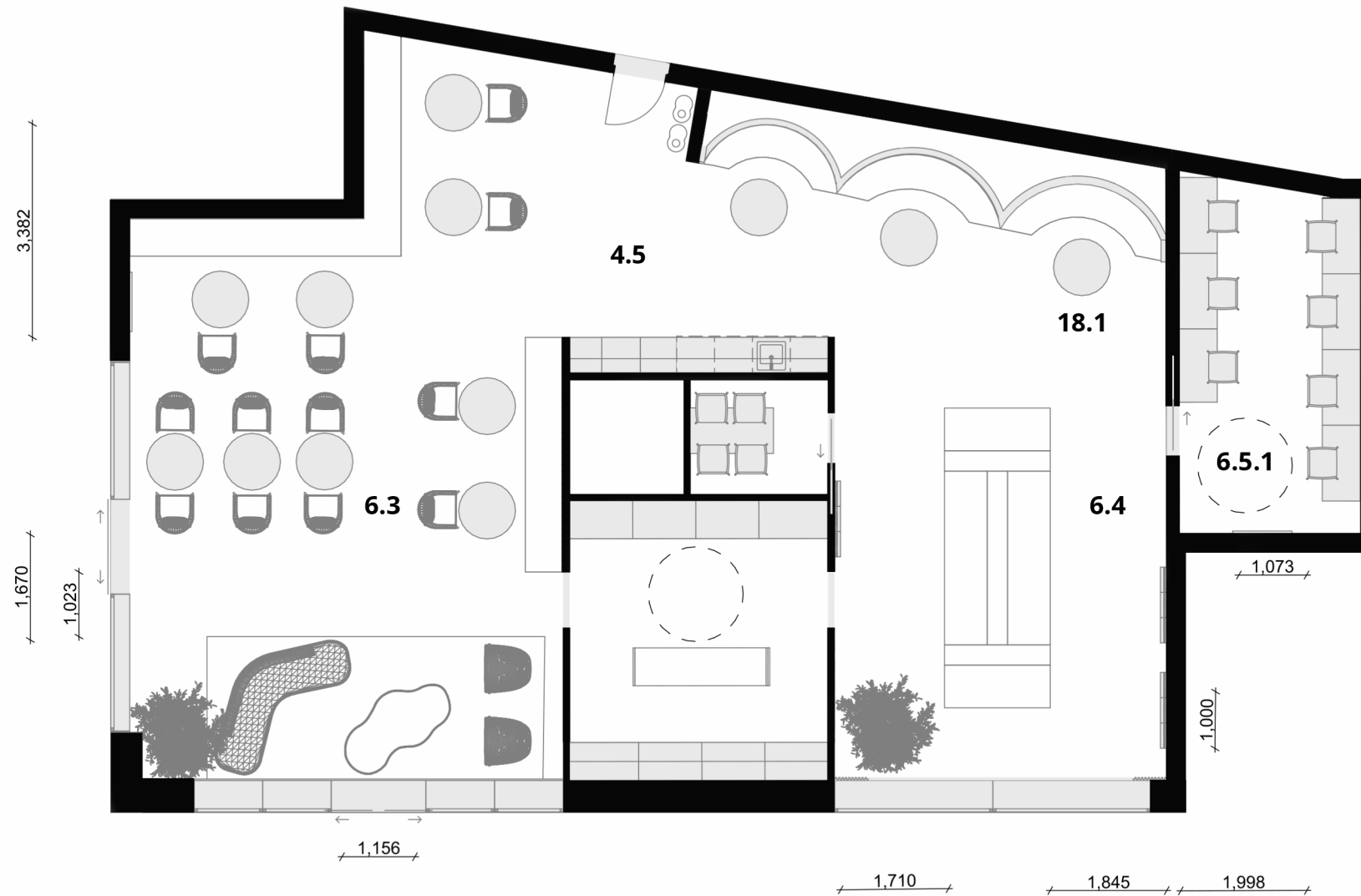
A clear unobstructed area, to enable persons using mobility aids to manoeuvre.

6.4 Passing space for wheelchairs

Passing space for 2 persons using wheelchairs shall be a minimum width of 1800 mm for a minimum length of 2000 mm.

6.3 Width of a continuous accessible path of travel

Unless otherwise specified (such as at doors, curved ramps and similar), the minimum unobstructed width of a continuous accessible path of travel shall be 1000 mm and the following shall not intrude into the minimum unobstructed width of a continuous accessible path of travel



6.5.1 Circulation space for wheelchair turn

The space required for a wheelchair to make a 60° to 90° turn shall have a gradient no steeper than 1 in 40 and shall be not less than 1500 mm wide and 1500 mm long in the direction of travel.

18.1 Wheelchair seating spaces

Where fixed seating is provided, wheelchair seating space shall be as follows:

- (a) Adjacent to, and on the same level as, other seating in the row and shall be accessed by a continuous accessible path of travel.

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KITCHENETTE

The kitchenette in the student lounge exemplifies an excellent implementation of universal design principles. Equipped with a sink, dishwasher, and refrigerator, it assists students in storing and preparing their meals. It is specifically crafted to be accessible to all students, regardless of their physical abilities.

For wheelchair users, the kitchenette features a countertop designed to allow them to roll underneath and access the sink and workspace fully. This ensures that wheelchair users can enjoy the same opportunities to prepare food and beverages as other students, with all necessary tools within reach from a seated position.

Moreover, strong color contrasts are employed in the kitchenette to aid navigation and usage for individuals with visual impairments. These contrasts between the countertop, cabinets, and floor help delineate the different areas of the kitchenette, reducing the risk of accidents and enhancing usability for those with visual impairments.

Safety is prioritized through the utilization of non-slip floors, which is especially crucial in a high-traffic communal area prone to spills. The non-slip vinyl flooring diminishes the risk of slips and falls, ensuring a safer experience for all users.

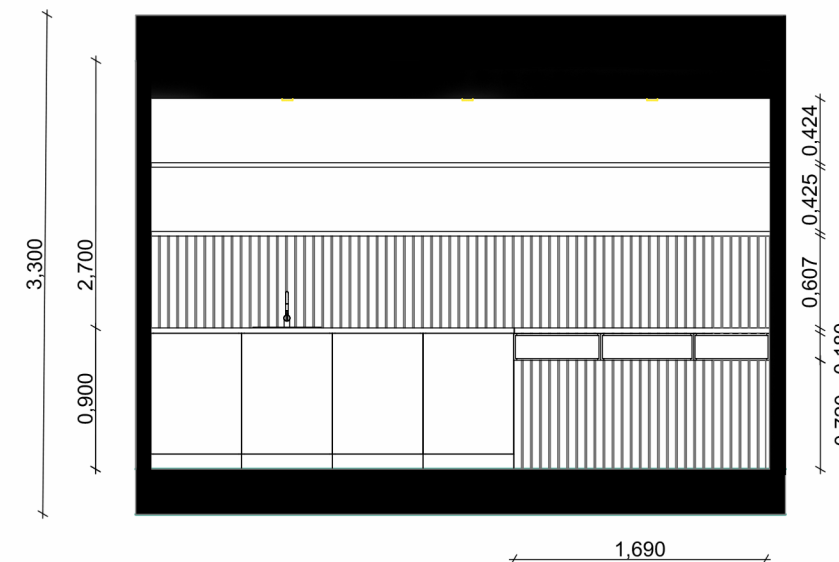
Hygiene is also integral to universal design, with the countertop crafted from Corian, a material that is easy to clean and resistant to bacteria. This hygienic surface aids in maintaining a healthy environment for all users and facilitates thorough cleaning to ensure a safe and sanitary kitchenette environment.

SECTION OF KITCHENETTE

The standard height for kitchen countertops in Australia is typically between 850 mm and 950 mm, with 900 mm being the most common and recommended height to achieve optimal ergonomics and comfort for users. This height takes into account the average body height and ensures that most users can work comfortably at the kitchen counter without unnecessary strain on their back or shoulders.

My kitchen is also set at 900 mm, considering both ergonomics and comfort for the users. The majority of my demographic consists of students who do not use wheelchairs, but I have nonetheless ensured that the kitchen is accessible for wheelchair users by having an open space under the counter at a height of 720 mm and wider than 850 mm so that a wheelchair user can roll underneath.

To further accommodate, I have small drawers placed at a height that makes it easy to reach cutlery and similar items. Coffee cups are also placed at the same height as the kitchen counter, so that all users can easily access them. This design ensures that the kitchen is functional and accessible for all students, regardless of their physical abilities.



PROJECT

STUDENT LOUNGE

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SECTION

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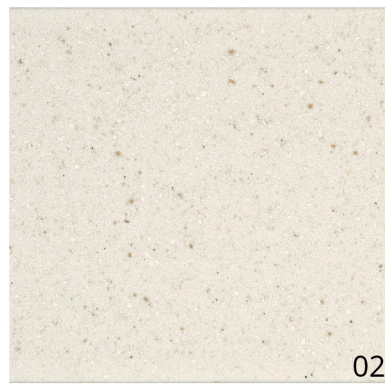
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LUMINANCE CONTRAST



03

Luminance Contrast Result **77.6%**



02

Luminance Contrast Result **44.5%**



11



B2 - LUMINANCE CONTRAST REQUIREMENTS

Luminance contrast between building elements is the difference in the amount of light reflected (luminance reflectance) from the 1st building element compared to the amount of light reflected from the 2nd building element. The first building element has to have a minimum luminance contrast of 30% compared to the amount of light reflected from the second building element. It may be necessary to test both elements when wet and dry. The test to be conducted may be carried out in the laboratory and on-site, and for published results to then be compared.

ACOUSTICS

The acoustic panels on the ceiling are sound-absorbing materials that play an important role in improving sound quality in the student lounge. When used in a student lounge, they provide a range of benefits that can enhance both comfort and functionality in the room.

Firstly, the acoustic panels help reduce noise and echo. In a student lounge, where many people often gather and talk simultaneously, it can quickly become noisy. The acoustic panels dampen this background noise, creating a quieter and more pleasant environment. This is particularly important for students, as it becomes easier to have conversations without raising their voices. The improved sound quality makes the lounge a more attractive place for both group work and informal socializing.

Furthermore, a quieter environment can also lead to increased productivity. Students who wish to study or work in the lounge will benefit from a space that facilitates concentration and focus. Less noise and fewer disturbances can contribute to better academic performance and more efficient work time.

In addition to the acoustic benefits, the panels also enhance the room's aesthetic appeal. This creates a more inviting and visually appealing atmosphere in the lounge. The use of acoustic panels also contributes to universal design, as they create an inclusive environment where everyone, regardless of sound sensitivity, can thrive and function optimally. Universal design ensures that all students, including those with hearing challenges, can experience a comfortable and accessible learning environment.

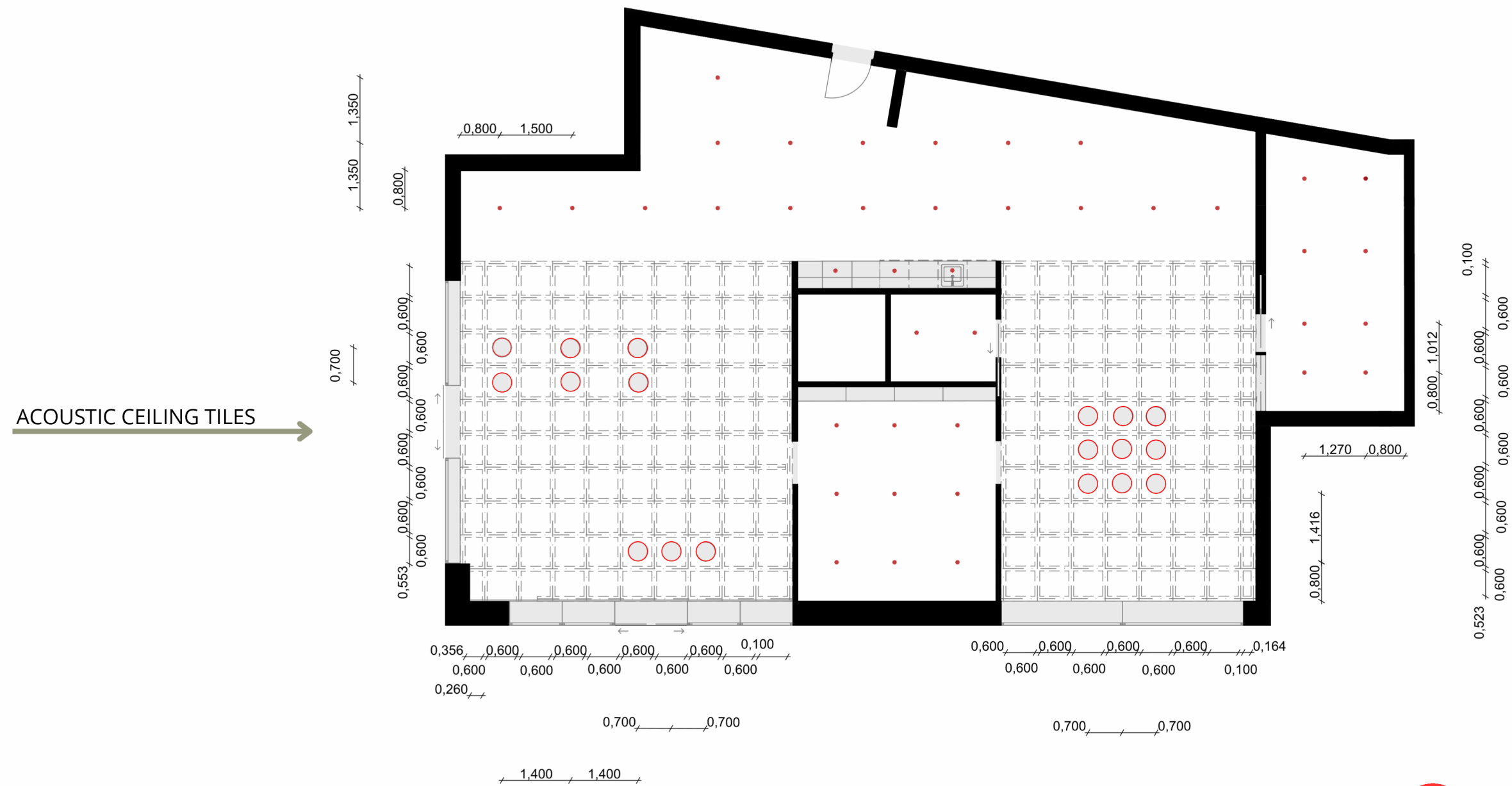


Autex Colour: Oak
Autex acoustics



Autex Colour: Pavilion
Autex acoustics

CEILING PLAN



40 



Flat by Studio Italia

18 



Lucciola Ceiling by Vistosi

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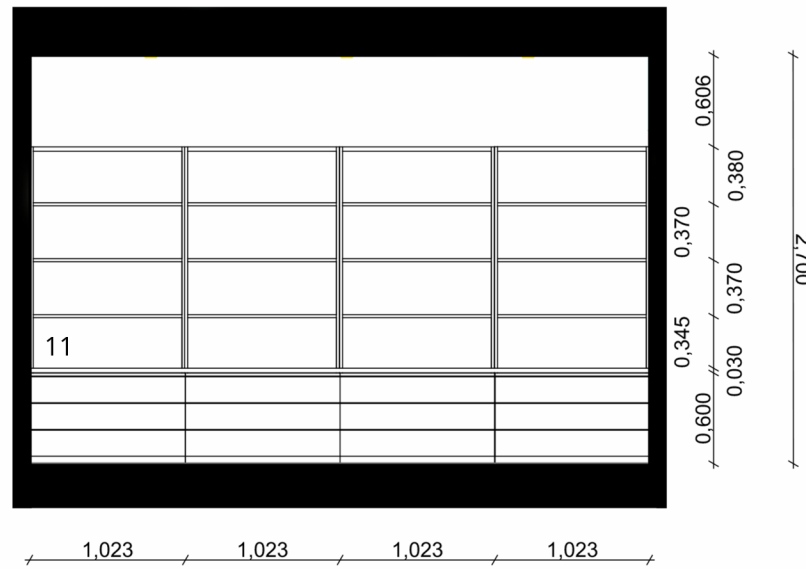
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SECTION OF MATERIAL SHELVES



The lounge's materials shelf in high-pressure laminate oak is an elegant and functional solution for organizing and displaying various materials. This shelf is designed to function as a comprehensive materials library, where everyone can easily access what they need. The shelf construction provides ample space to store and showcase samples and materials in a neat and systematic manner.

The spacious drawers and shelves ensure practical storage of various materials while offering an aesthetically pleasing and professional presentation of the contents. High-pressure laminate oak gives the shelf a durable finish that perfectly complements the rest of the lounge's interior. On each side of the room, frosted glass walls allow natural daylight to enter the materials library while ensuring the walls are visible to prevent collisions.

To ensure universal design, the shelf is equipped with adjustable shelves and low drawers that can be adapted to different heights, allowing people with various physical abilities to easily access all contents. This ensures that the materials library is accessible and user-friendly for everyone.



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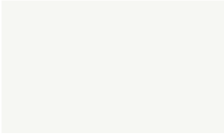
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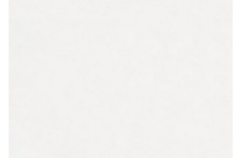
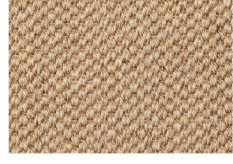



MATERIAL COLLAGE



FINISHES

	ACCOLADE SAFE PRODUCT NAME	BONDI SAND COLOUR	5A503741 PRODUCT CODE	P3 / R10 SLIP RATING	2MM THICKNESS	AUSTRALIA MANUFACTURED	01 CODE
FLOOR	ARMSTRONG FLOORING BRAND	MATT FINISH	HOMOGENEOUS VINYL MATERIAL	57.55 LRV	20M X 1.83M DIMENSIONS	GENERAL TRAFFIC USE AREA	
	CORIAN BENCHTOP PRODUCT NAME	WHITE JASMINE COLOUR	1172141 PRODUCT CODE	12MM THICKNESS	56KG (20KG/m2) WEIGHT		02 CODE
COUNTERTOP	DUPONT BRAND	MATT FINISH	CORIAN MATERIAL	3658 X 760MM DIMENSIONS	KITCHEN WORKSURFACES USE AREA		
	MARRAKECH PRODUCT NAME	OLIVE GREEN COLOUR	NT20-4007FL PRODUCT CODE	BLA < 0,5% WATER ABSORPTION	10MM THICKNESS	SPAIN MANUFACTURED	03 CODE
TILES	NATIONAL TILES BRAND	GLOSS FINISH	PORCELAIN MATERIAL	V3 VARIATION	50 X 150MM DIMENSIONS	FLOOR/ WALL USE AREA	
	CORNWALL PRODUCT NAME	VANILLA COLOUR	CO- 1020-674 PRODUCT CODE	53" WIDTH			04 CODE
CURTAINS	ELIZABETH HAMILTON BRAND		60/40% LINEN/POLY MATERIAL	NONE REPEAT			
	SICILY SEA PRODUCT NAME	SICILY SEA COLOUR	S19C2 COLOUR CODE	0.508 SA			05 CODE
WALL PAINT SILENT AREA	DELUX BRAND	MATT FINISH	R 194, G 198, B 173 COLOUR VALUES	59 LRV			
	VIVID WHITE PRODUCT NAME	VIVID WHITE COLOUR	SW1G1 COLOUR CODE	0.121 SA			06 CODE
WALL PAINT LOUNGE	DELUX BRAND	MATT FINISH	R 247, G 248, B 244 COLOUR VALUES	94 LRV			

FINISHES

	ACOUSTIC TIMBER PRODUCT NAME	OAK COLOUR	UNKNOWN PRODUCT CODE	0.45 - 0.90 NRC	NEW ZEALAND MANUFACTURED	07 CODE	
CEILING TILE	AUTEX ACOUSTICS BRAND	MATT FINISH	WOOD AND POLYESTER MATERIAL	600 X 600MM DIMENSIONS	WALL / CEILING USE AREA		
	ACCENT CEILING TILES PRODUCT NAME	PAVILION COLOUR	UNKNOWN PRODUCT CODE	0.85 NRC	NEW ZEALAND MANUFACTURED	13MM THICKNESS	08 CODE
CEILING TILE	AUTEX ACOUSTICS BRAND	MATT FINISH	POLYESTER MATERIAL	600 X 600MM DIMENSIONS	CEILING USE AREA		
	ORIENTAL RUSH SISAL PRODUCT NAME	ORIENTAL RUSH COLOUR	2867 PRODUCT CODE	WALL TO WALL CARPET USE AREA			09 CODE
CARPET FLOOR	NATURAL FLOOR BRAND	ROUGH FINISH	SISAL MATERIAL	SOLD 4M WIDE DIMENSIONS			
	APT PRODUCT NAME	025 BENGAL COLOUR	466392 PRODUCT CODE	54"(137CM) WIDTH		10 CODE	
LEATHER	MAHARAM BRAND	INK- RESISTANT PROTECTIVE TOPCOAT FINISH	POLYURETHANE/SILICONE MATERIAL	BLEACH CLEANABLE NOTE			
	LANDMARK WOOD PRODUCT NAME	OAK COLOUR	AEON- SCRATCH N/A RESISTANT PRODUCT TYPE	0.7MM THICKNESS		11 CODE	
FIXED FURNITURES	WILSONART BRAND	12 - SOFT GRAIN FINISH	3660 X 1530MM DIMENSIONS	HPL LAMINATE MATERIAL			
	GALET PRODUCT NAME	PUMICE COLOUR	15.2MM + 10% AS/NZS 2111.1 CARPET THICKNESS	TUFTED CONSTRUCTION	NEW ZEALAND MANUFACTURED	12 CODE	
CAPRET	BREMWORTH BRAND	ROUGH FINISH	3.66M BROADLOOM WIDTH	WOOL MATERIAL			

FINISHES



IMPACT RESISTANT MIRROR
PRODUCT NAME

BRONZE TINT
COLOUR

UNKNOWN
PRODUCT CODE

4MM
BACK MATERIAL

UK
MANUFACTURED

13
CODE

MIRROR

FUSION GLASS DESIGNS
BRAND

MIRROR
FINISH

MIRROR
MATERIAL

2MM
CORE MATERIAL

12MM
BACK MATERIAL



CORIAN ANTARCTICA
PRODUCT NAME

ANTARCTICA
COLOUR

1172099
PRODUCT CODE

12MM
THICKNESS

56KG (20KG/m2)
WEIGHT

14
CODE

TABLE TOP
LOUNGE

DUPONT
BRAND

MATT
FINISH

CORIAN
MATERIAL

3658 X 760MM
DIMENSIONS