Nano Nest
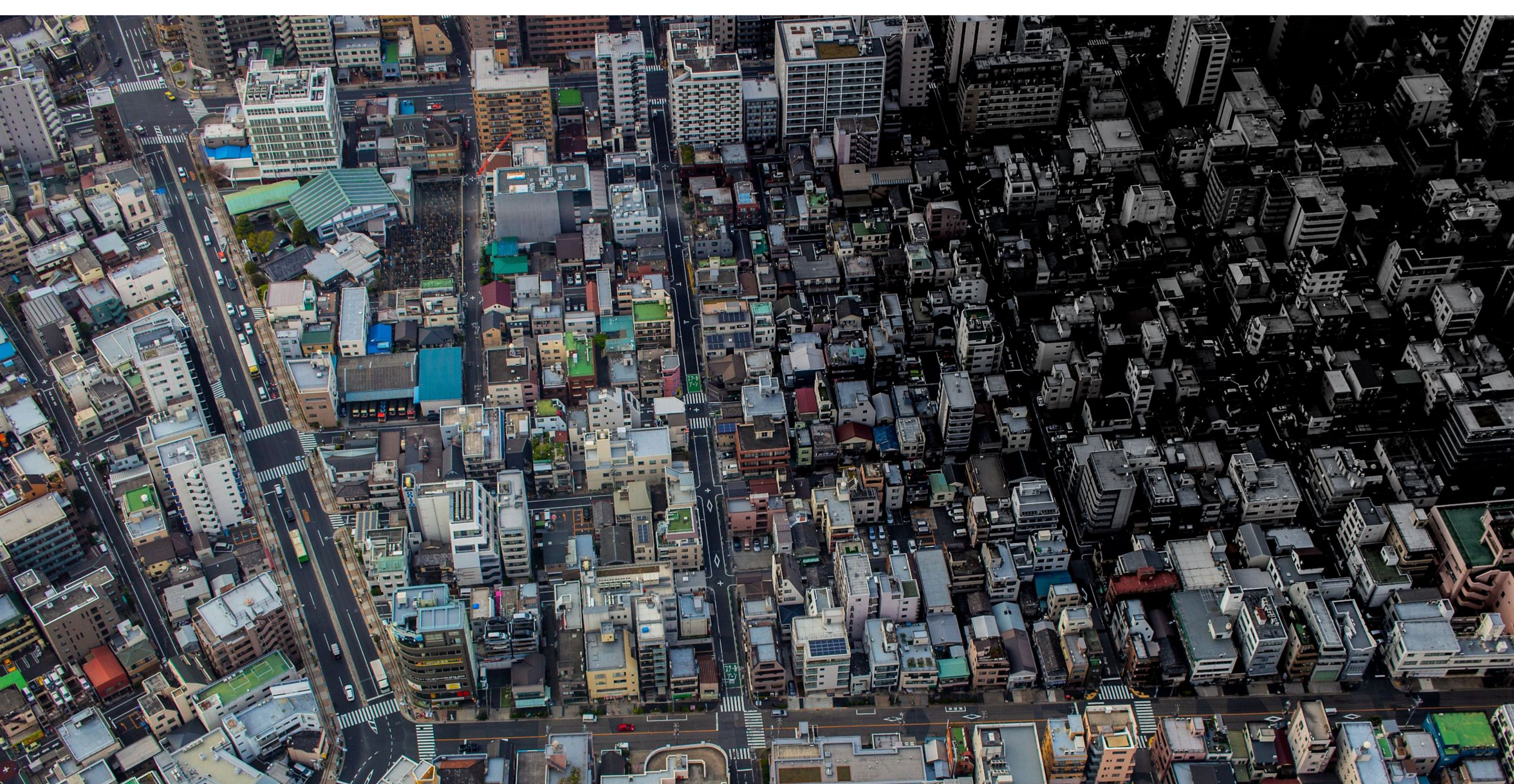
Designing modern-day compact liveable spaces.
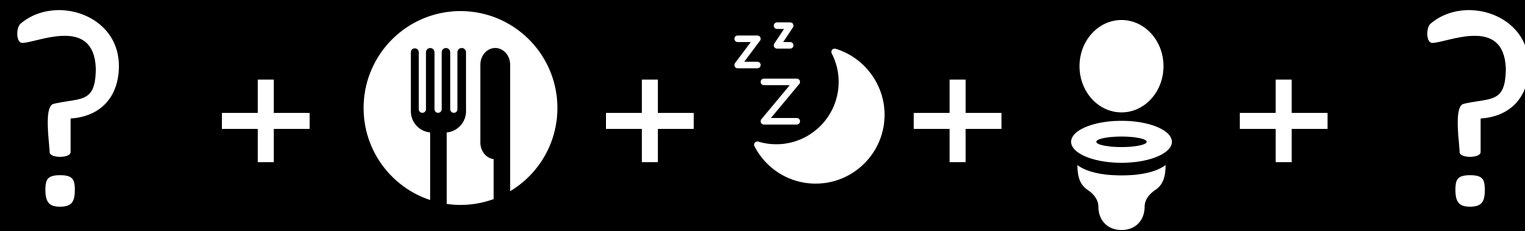
Current scenario

With the growing population, land is constantly seen as a depleting resource and thus has increased real estate prices. Today, the definition of a house has barely boiled down to it being a commodity that constitutes **a kitchen, a living area, bedroom and bathroom**. This commodity offered is sometimes so inhabitable that it even lacks the basic notion of light and ventilation. Eventually, all the other additional notions of what a house should offer then become secondary. How do we then redefine a modern living space for a space crunch situation that it is not just habitable, but also restores these essential notions that make it a house?
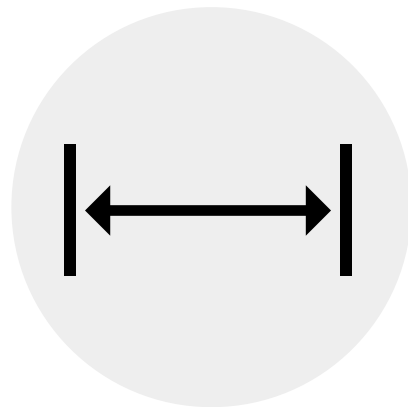
Living Space
~~house~~

? + 🍴 + 🌙 + 🚽 + ?

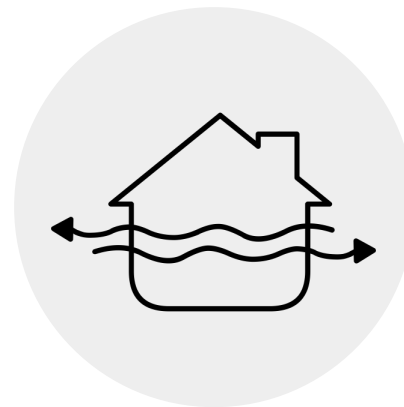a place to eat, sleep and sanitate

(These are just the bare minimum functions for a modern day living space that are uncompromisable. However, these do not necessarily require definitive areas such as a kitchen, bedroom and bathroom to accomplish the purpose.)

Objectives

Optimization
Optimum use of the available plot size,

Basics
Natural light and natural ventilation.
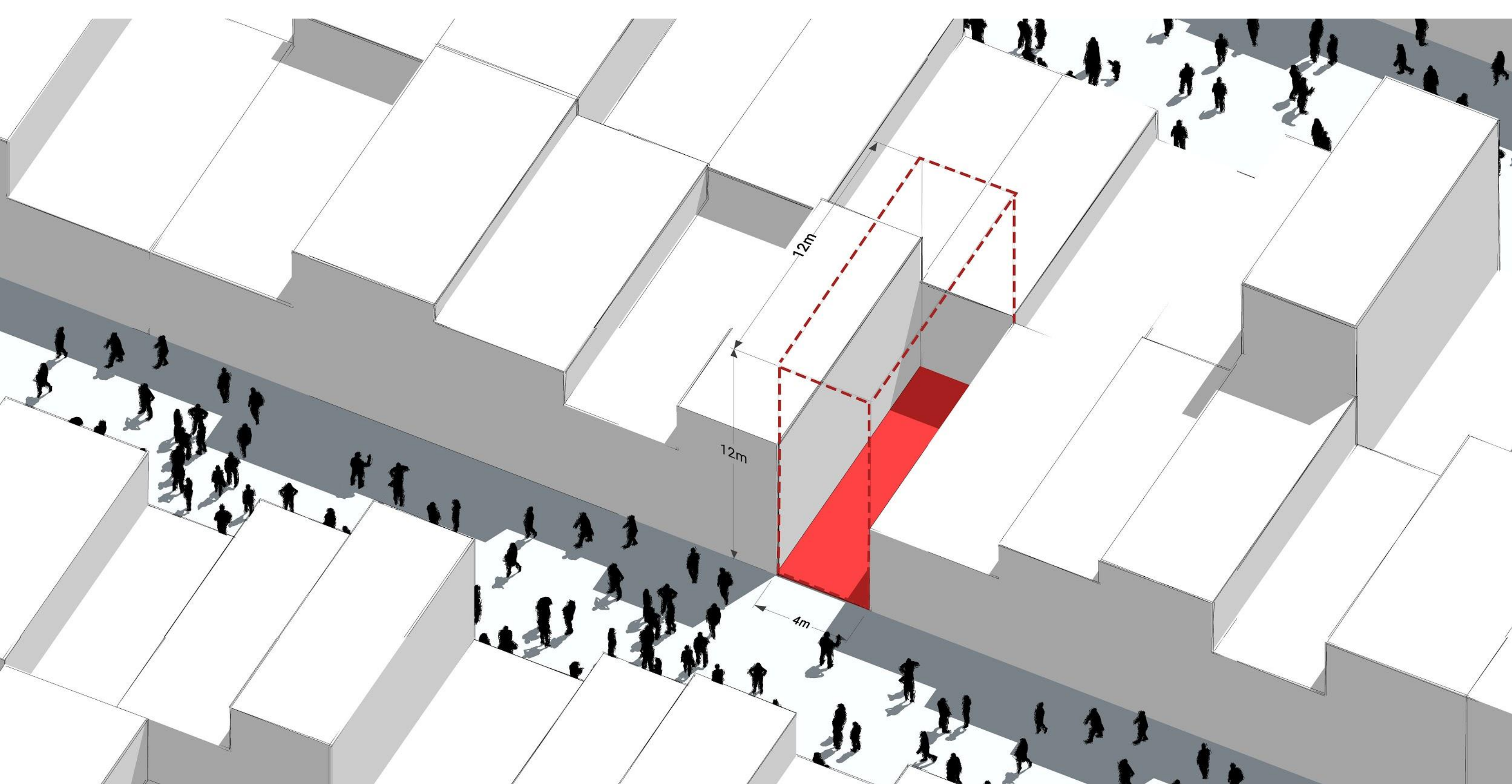
Contextuality
Anchorage to site.

Imagination
Be imaginative to propose new ways of living and a modern lifestyle.

Areas to serve the purpose of sleep, eat and sanitate are the basics to accommodate living. However, for it to become a home, this list goes longer as well as becomes subjective. It is even tougher to house this long list when the plot is tight.

Design Challenge: Design a '**Living Space**' for a family of 6 (people from 3 generations to be considered). The participants must give a character sketch of the users/family chosen. Based on this, propose a modern way of living in a space crunch scenario for them.

The proposal could constitute designated areas to perform every minute activity without making space feel claustrophobic. This would require a new way of thinking and designing homes, it could be in such a way that they're open yet secure, compact yet comfortable.

Site details

The plot size for intervention is 4 meter by 12 meter, participants to strictly adhere to these dimensions. The width of the carriage way in front of the houses is 9 meters. The intervention cannot have any openings on any of the adjoining walls even at a higher level (reference project can be found here).

Plot Area - 48m^2
Maximum Permitted Height- 12m
(including parapet)

Img 3: Dense residential neighborhood in an urban fabrics.

Urban Fabric

The urban context for the intervention can be any dense urban residential fabric where the plot sizes are relatively smaller than the other parts of the city. The proposed intervention should reflect certain aspect of the chosen city/context (reference project can be found here). The heights and width of adjacent buildings cannot be changed.

Submission

You have to deliver an architectural outcome on the following site, based on the given outlines.

• A maximum of 4 boards / sheets. − **[2362px x 3544px]** or **[400mm x 600mm in 150 dpi]** in portrait digital format (JPEG).
• Each image should be less than **15MB**
• You can find the preset PSD, AI and INDD template files in the 'additional resources folder' and here.

This additional resources folder contains: FAQ Questions, Sketchup Model of the site.

Minimum requisites in the sheets are 3 sheets/boards + Cover image containing:

• Site plan (Compulsory)
• Key conceptual sections x 1 (Minimum)
• 3D views x 4
• Cover image/Thumbnail of size 2000 x 1000 px or larger in aspect ratio 2:1.
• Floor plans, images, sketches (if any) can be added to support the entry in the form of additional images.
• Answer 6 FAQ questions in the discussion section as given on the 'additional resources folder'.

+ The team limit for this competition is 2 members maximum.
+ Use exploded views to discuss multi levelled conceptual models better.
+ Ensure that the final sheets which are submitted do not include your name or any other mark of identification.
+ Mention sheet number on corner of every sheet.
+ This is a design ideas challenge only. There is no built commission/realization is associated with the problem
+ Plagiarism of any idea / form / design / image will be disqualified with a notice.

Registration page here: https://competitions.uni.xyz/nano-nest

Submission Deadline: January 12, 2020
Submission closes this day.

Public Voting begins: January 22, 2020
Submitted entries are open for voting.

Public Voting ends: February 11, 2020
Voting ends on this date.

Result Announcement: February 21, 2020
Result day!

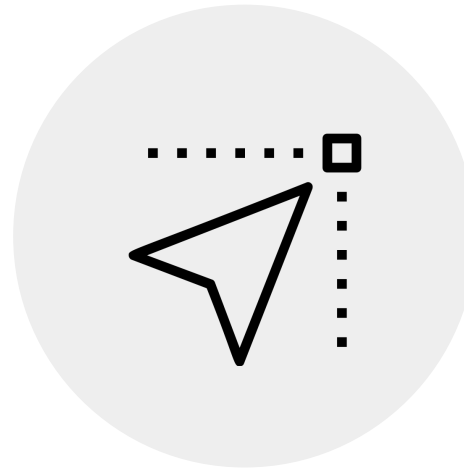# Rewards

Grants of up to a total of **20,000$** can be won in this challenge. Learn more about the full conditions on the competition page here.

Judging Criteria

The entries will be judged by an international jury of the competition on the following criterions:

Presentation

The fundamental to a good entry is a good presentation.

Concept/Idea
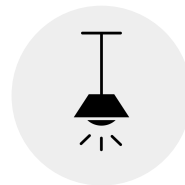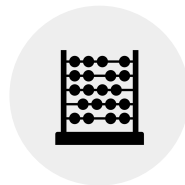
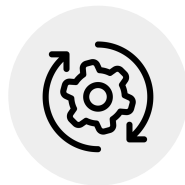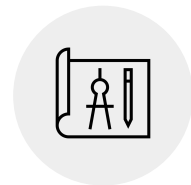Quality of thought and intent in pre-design phase.

Spaces/Programme

How the spaces are calculated and ordered.

Design Output

The final architectural outcome of the solution.

The judging panel can also add other criterions based on their internal discussions - which will be in line with the problem statement. Participants are advised to fulfil above given criterions first in their design.

About

UNYT

Unyt serves as a part of UNI in the realm of **typological discoveries.** It intends to break the fusion of traditional design barriers and methodologies by making it a platform for experimentation. It embarks on mobilizing ideas where creators can elementally question the buildings we create. It is a research initiative dedicated to providing opportunities for designers from all domains to explore ideas that go beyond the restrictions of usual architectural discourse.

Queries: support@uni.xyz
Discover other competitions: http://competitions.uni.xyz
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Nano Nest

UNYT

Maximizing **living** in tiny **spaces**.

http://**competitions**.uni.xyz