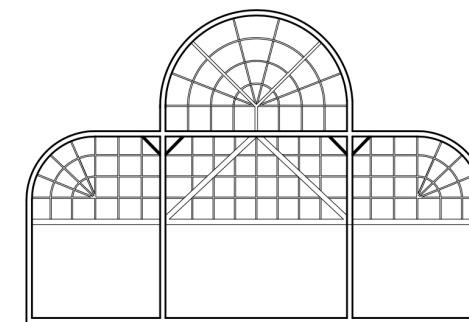


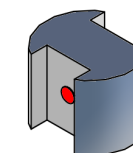


URBAN TAPPING

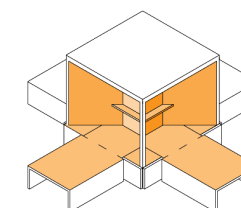
Kyra Lomas Lan Nguyen Emily Sullivan



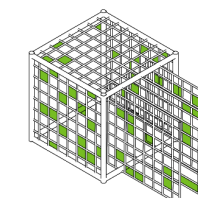
DEAD URBAN SPACE: WESTRALIA SQUARE



INTERVENTION:
URBAN TAP



EVENT: SLEEP



EVENT: GROWTH

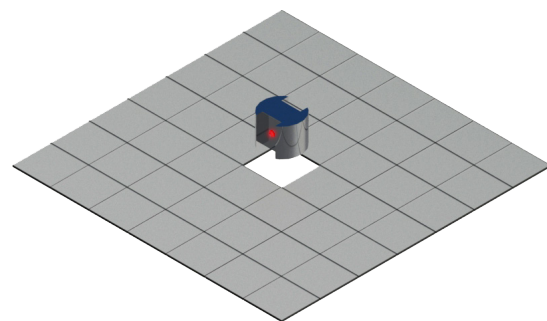
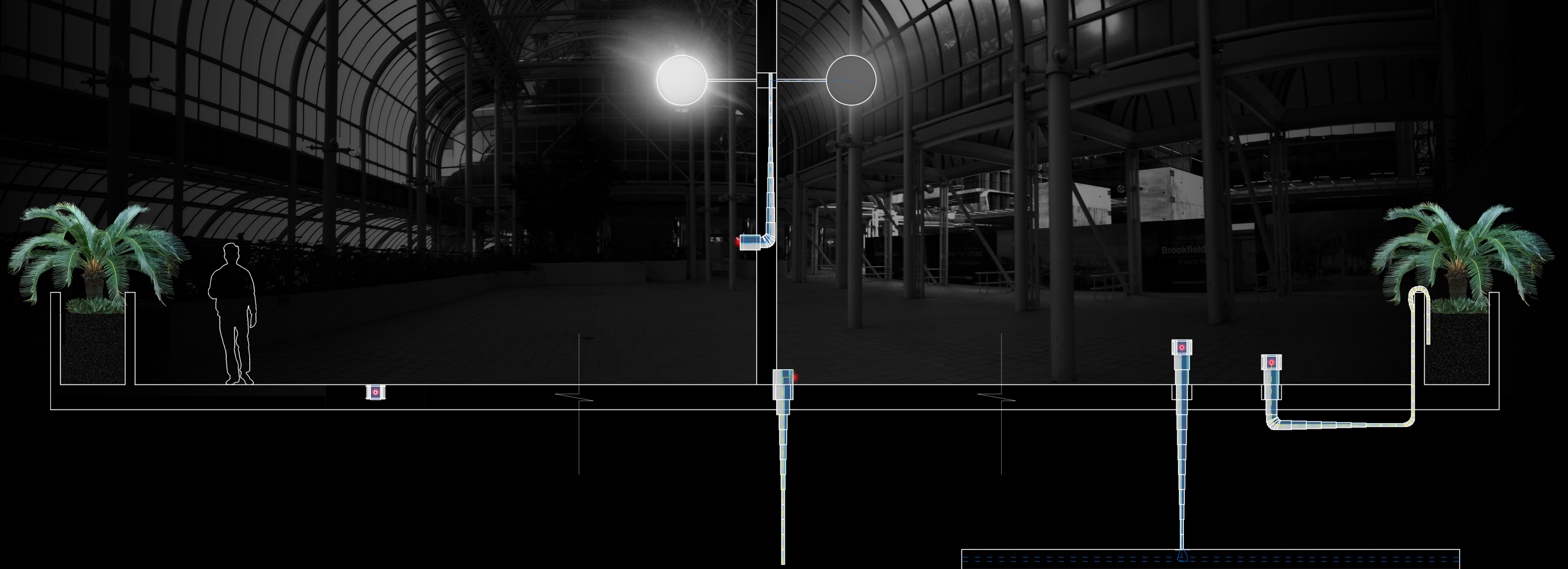


POTENTIAL...

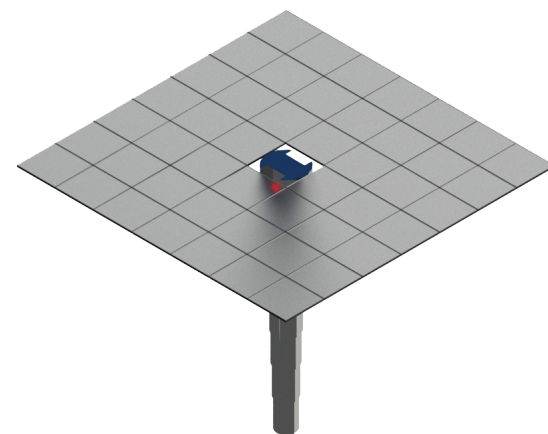
PERTH.

Some might call it Australia's Boomtown, but for those of us who live here, it's **sparse, sprawling** and **isolated**. With a large metropolitan area and a comparatively low population, inner city Perth is **desolate**. Our chosen site, Westralia Square in the midst of the Perth CBD is extraordinarily empty for an urban thoroughfare. Even with the addition of a designed intervention, we as architects, the choreographers of activity, cannot force Perthians to occupy the space to a capacity that makes the large plaza feel "full". The mere concept of a "plaza" is not a part of our culture as it is in Europe, nor is it within the capabilities of our minimal population to fill a space like this.

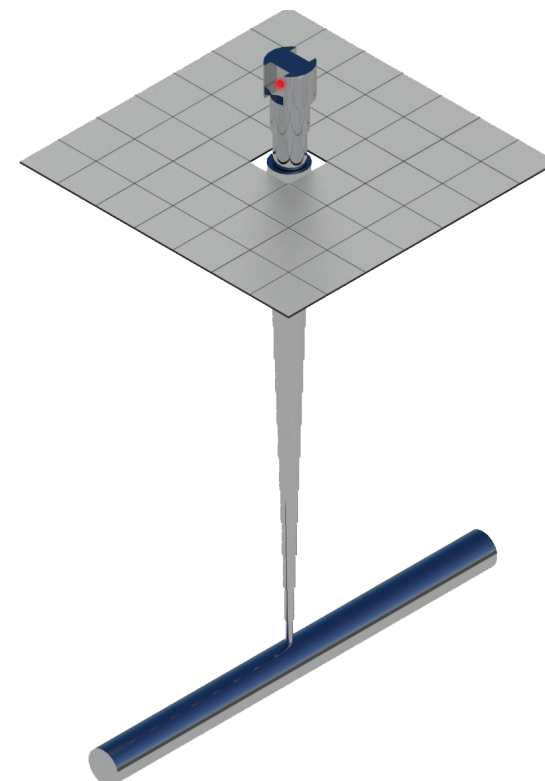
What makes this site exciting to us is its precise desolation. Located near a major public transport hub, the site is **quiet and still, a unique contrast to the surrounding flurry of urban activity**. And so, we aim to exploit these traits as strengths to be harnessed for new kinds of urban events with our system: URBAN TAPPING.



1. Scatter



2. Search



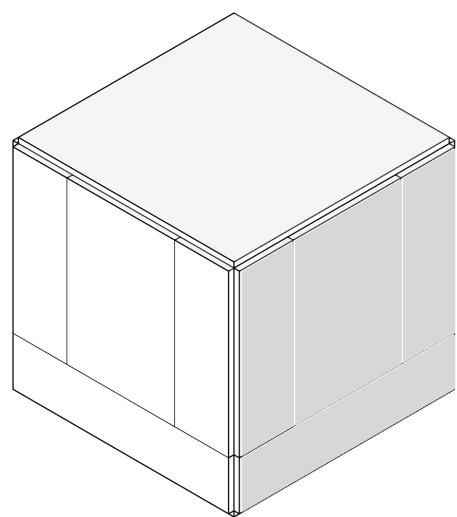
3. Harness

THE URBAN TAP

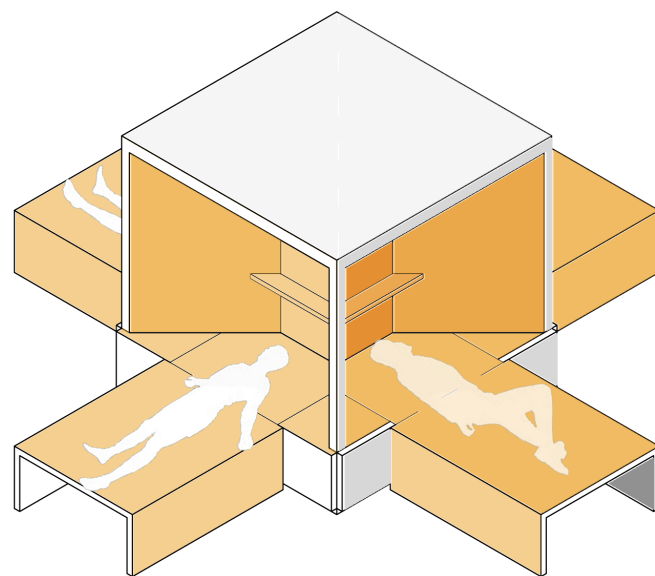
The empty site is provided; **power** and **water** - the **fundamental resources of urban life** - are running beneath our feet and through the walls surrounding us.

We propose a **system** that **harnesses** what is unused and already there; **power**; **water**; **shelter**; to maximise the potential of what would otherwise be wasted. URBAN TAPPING is achieved through our intervention of the URBAN TAP - a sentinel device that grows when scattered onto the site. It will **dig**; **climb**; **latch to**; and **locate** existing sources of water and power in the immediate urban surroundings to harness.

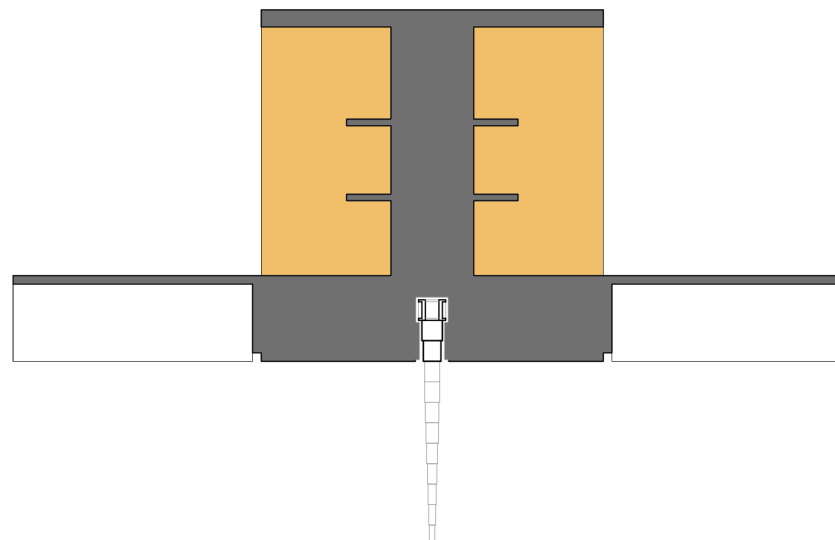
The URBAN TAP will remain a permanent feature of the site but will have the option of collapsing back into the ground to leave no trace of its existence. It is the **designed active agent** in producing and reusing urban space.



1. Collapsed



2. Expanded



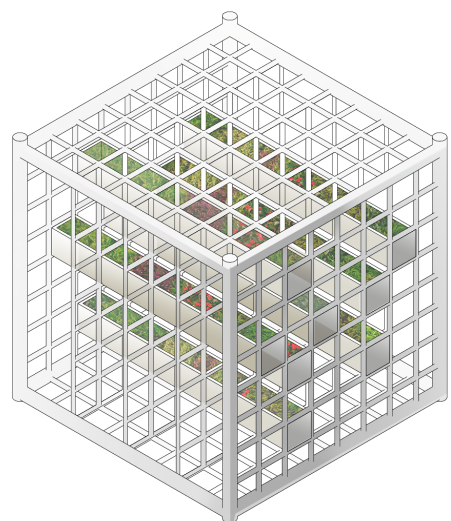
Urban Tap-Event Adaptor Connection

THE URBAN BEDROOM

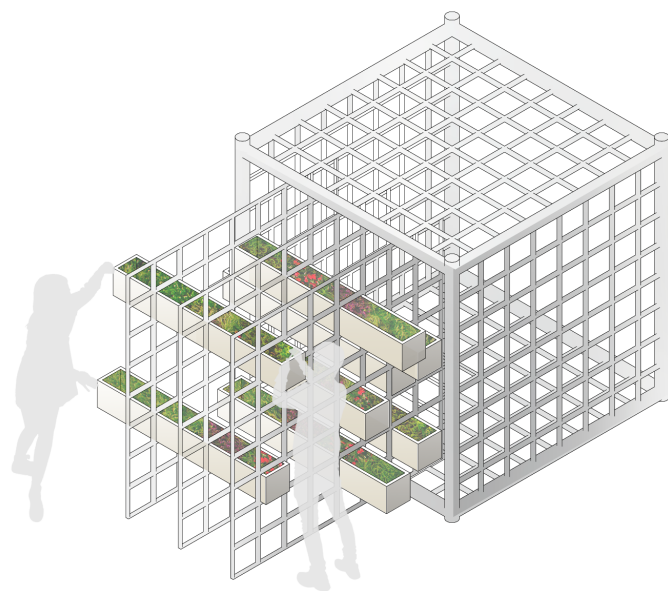
In Perth, the 9-5 day occurs in urban areas, while people retreat to the suburbs at night. We propose the **Urban Bedroom** to accommodate the city's night dwellers. Westralia Square is conducive to quiet, restrained events and a need for inner-city sleeping locations was identified.

Lateworkers, the homeless, and partygoers without designated drivers will be able to benefit from our temporary EVENT ADAPTOR. It may be changed, removed and relocated throughout the city as the need arises. From the URBAN TAP, the Urban Bedroom will attain lighting, heating and a self-cleaning system that activates when not in use. This Urban Bedroom has been designed specifically for our covered site, Westralia Square, and therefore only provides basic additional shelter.

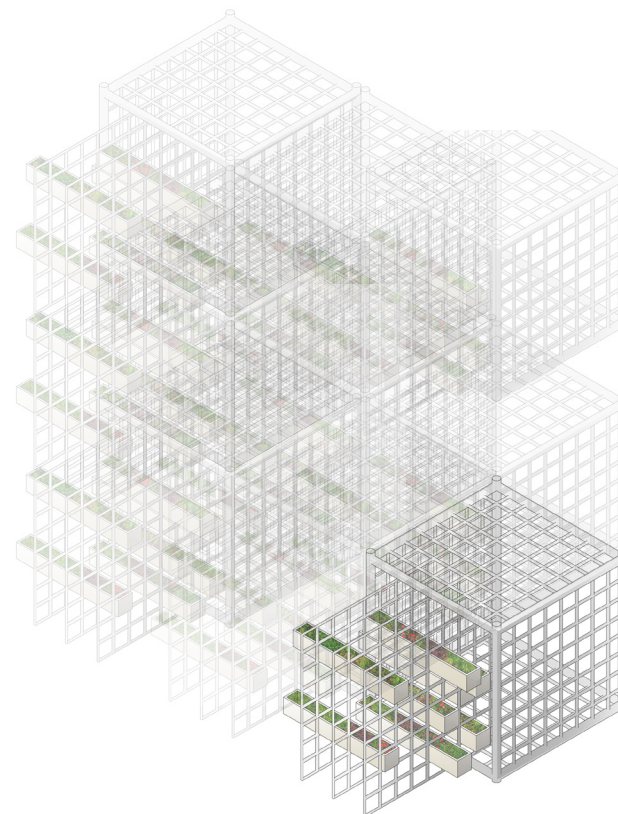
Our Urban Bedroom is a **temporary event based structure** that may be changed, removed or relocated as needed. Its growth is demand reliant and may be in continuous circulation or removed for periods of time when other needs arise.



1. Collapsed



2. Expanded



3. Stackable

FOOD FOR THOUGHT

An urban garden that provides opportunity for community farming has been identified as a city-wide need. The URBAN TAP will provide the resources required by the EVENT ADAPTOR designed for this space. **Growing Pods** will use the harnessed water and pump it through the structure to irrigate the plant-life and provide superficial light to sites that lack sufficient levels. The **Growing Pod** can be stacked for spacial economy, while design allows resources to be channeled upwards through stacked structures to facilitate upper units. The **Growing Pod** is a possible approach to many site specific needs.

The URBAN TAP may be installed in other “dead” urban spaces with existing underground power and water systems. This will allow for the EVENT ADAPTOR to be installed and altered in function to address the needs of each specific site. The URBAN TAP is a starting point at all sites from which the next temporary stage of growth can occur. EVENT ADAPTORS will be designed as needed in response to site conditions.

THE POSSIBILITIES OF URBAN TAPPING ARE LIMITLESS...