



**CENTRO INTEGRAL  
DE EDUCACION Y  
PRODUCCION  
COMUNITARIA**



UNC

Universidad  
Nacional  
de Córdoba



**FAUD**  
Facultad de Arquitectura,  
Urbanismo y Diseño

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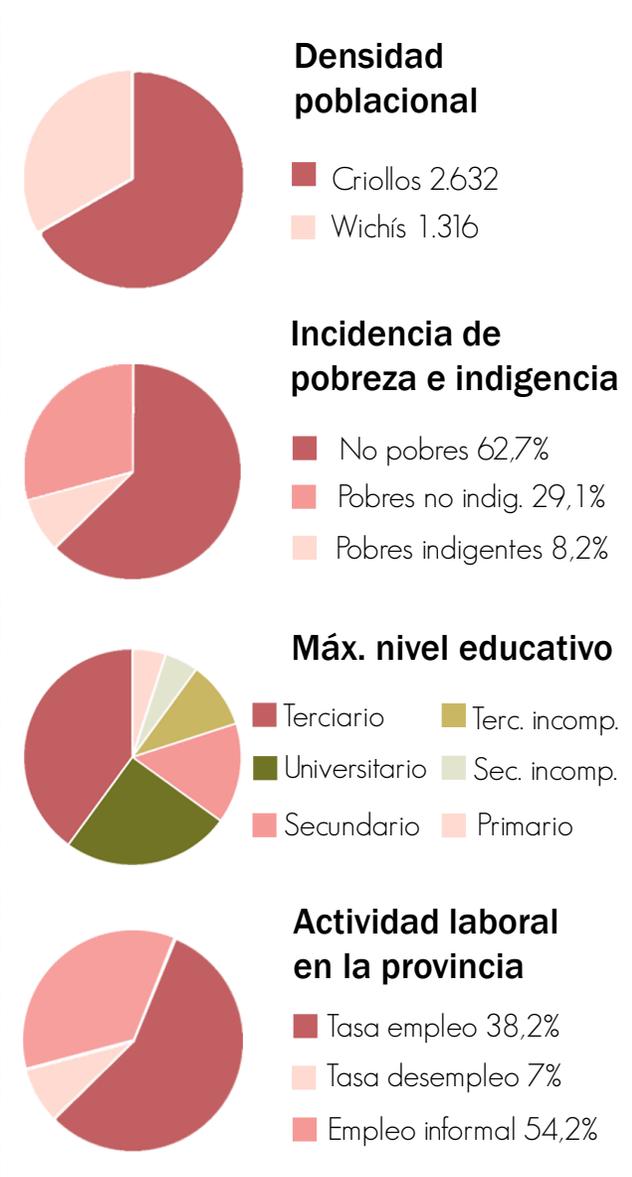
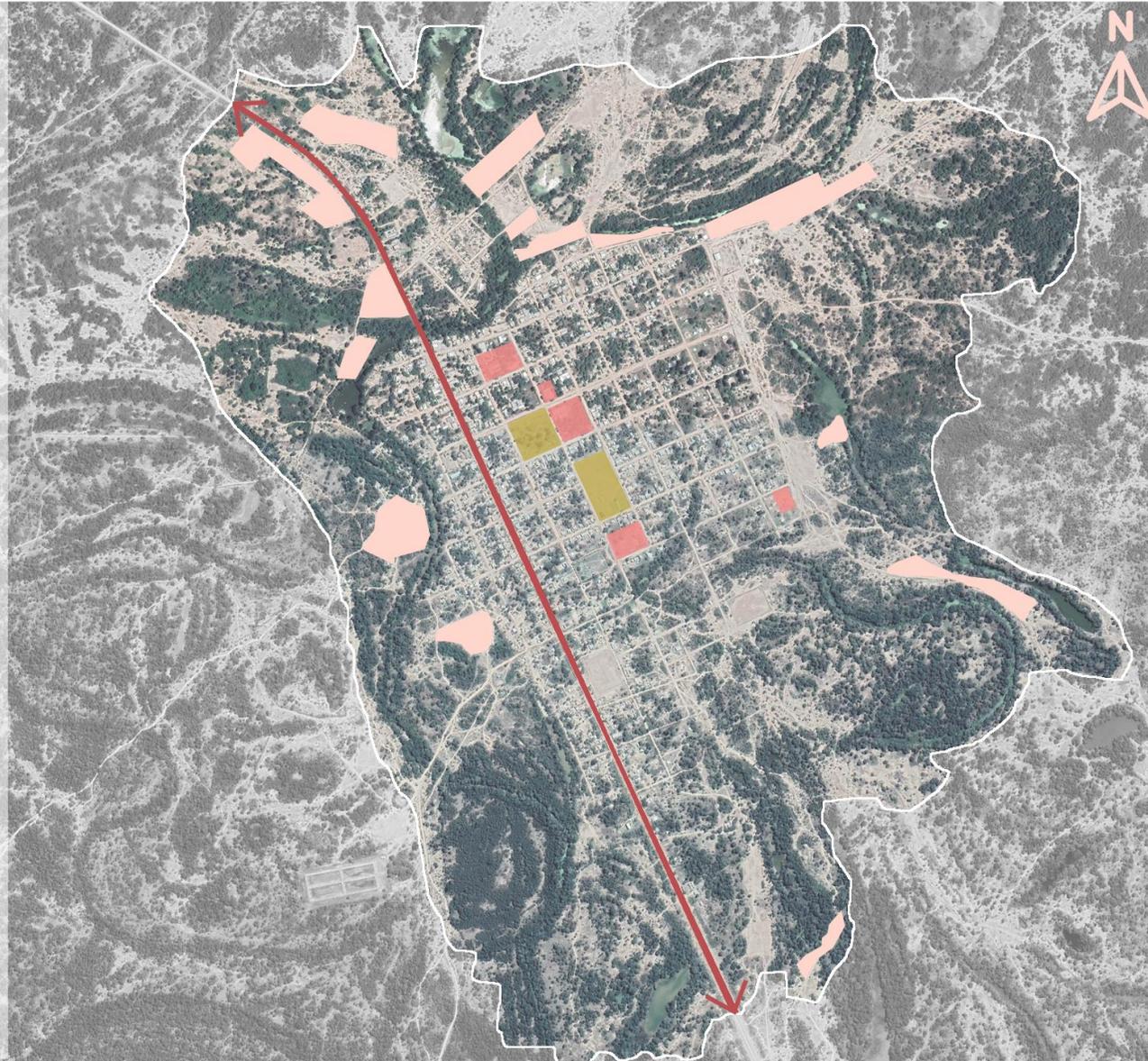
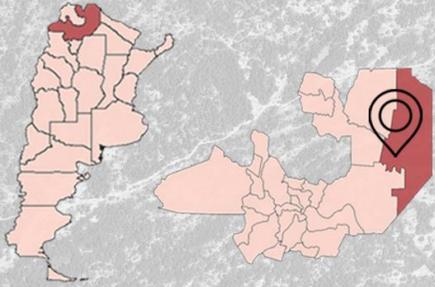
OLSCHINSKY, M. AGUSTINA

**C.I.E.Pro.C  
2022**



# LA UNIÓN, Rivadavia

Provincia de Salta



# PARAJES ALEDAÑOS

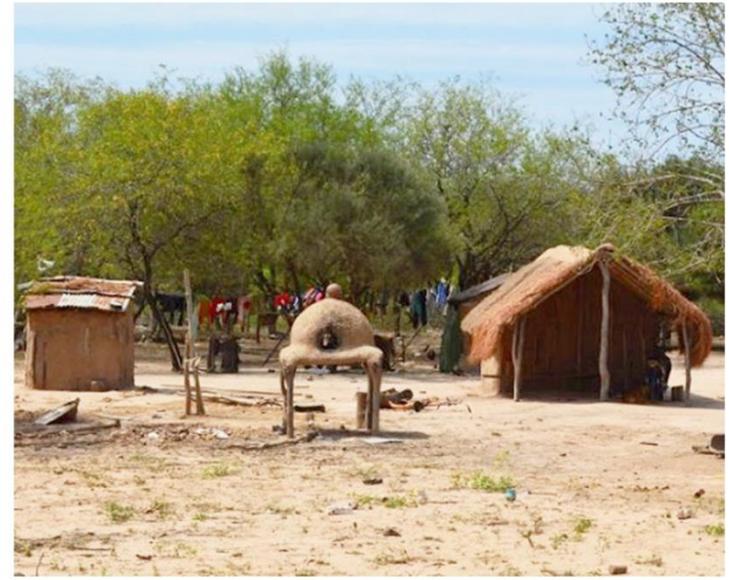


Mayores proveedores:  
- Ciudad de Orán  
- Provincia de Jujuy



114 Parajes en Rivadavia Banda Sur  
4 a 20 familias c/u





**PÉRDIDA DE CULTURA ANCESTRAL**

**FRAGMENTACION URBANA**

**DEFORESTACION**

**SEGREGACION SOCIAL**

**DESAPROVECHAMIENTO DE LOS  
RECURSOS NATURALES**



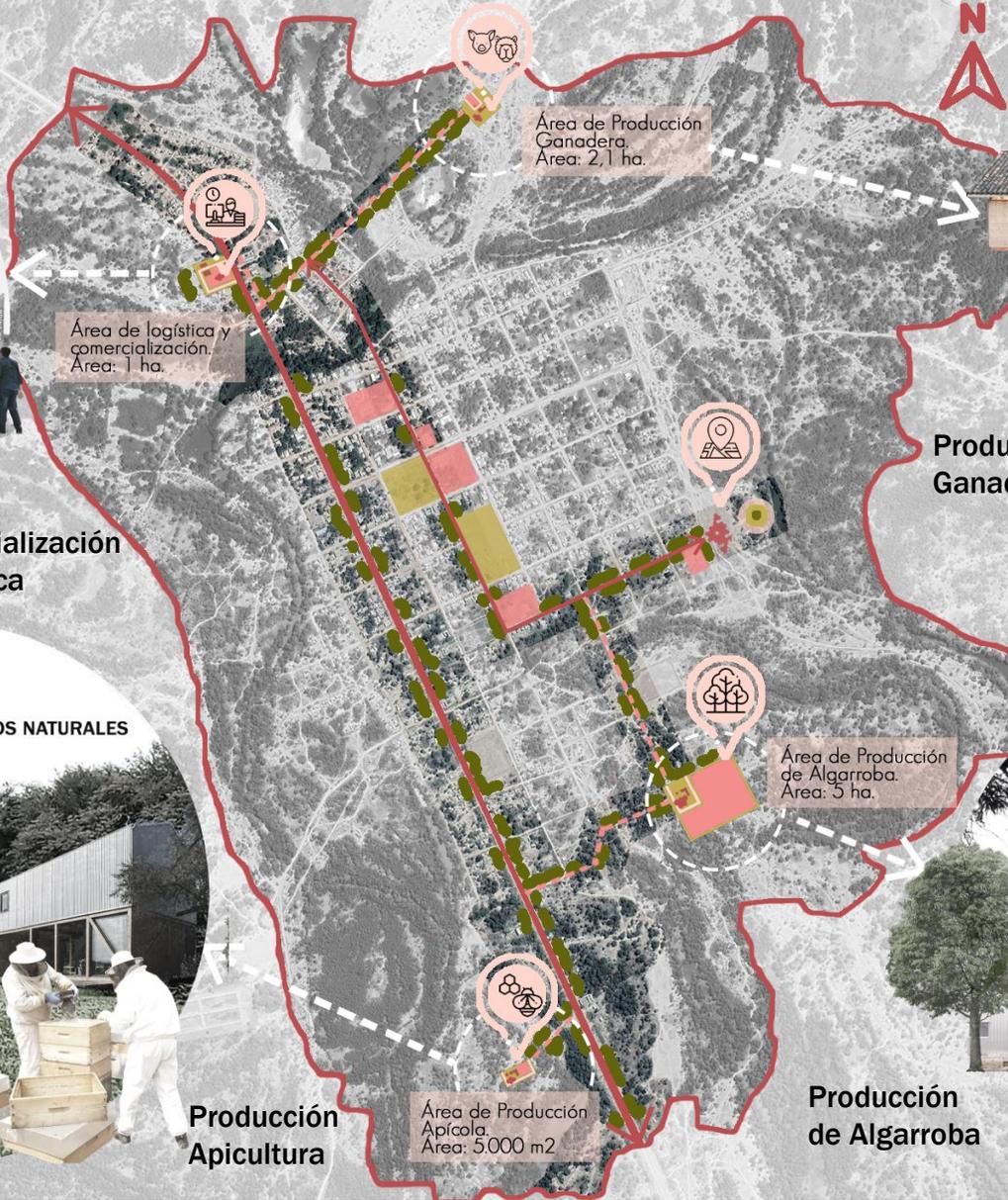
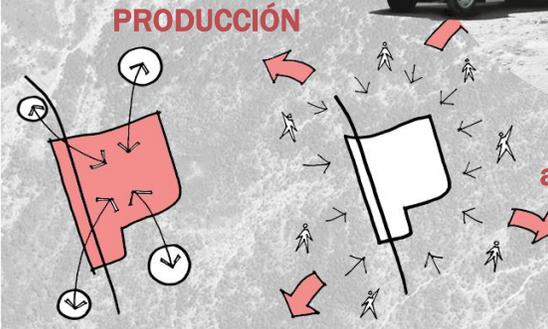
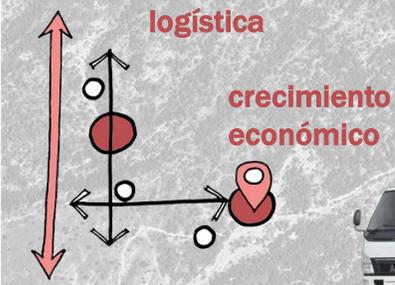
# ¿Qué es el Umbráculo en la arquitectura?

Presencia de una cubierta liviana que **protege** y permite el paso del aire, la condición material es importante para lograr **LA SOMBRA**.



# LA UNIÓN, Rivadavia

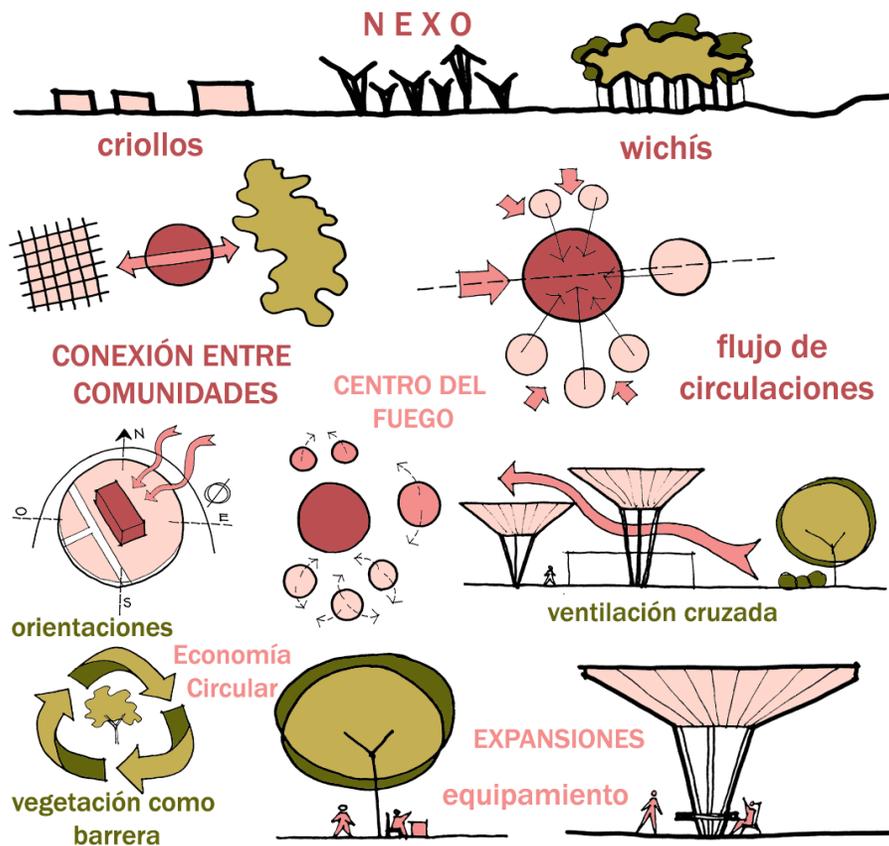
## Provincia de Salta



Producción Ganadera



Producción de Algarroba



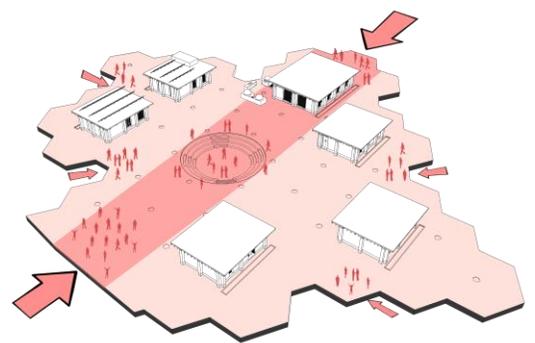


VISTA FRONTAL

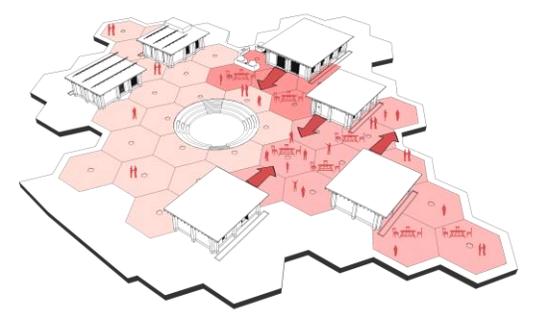




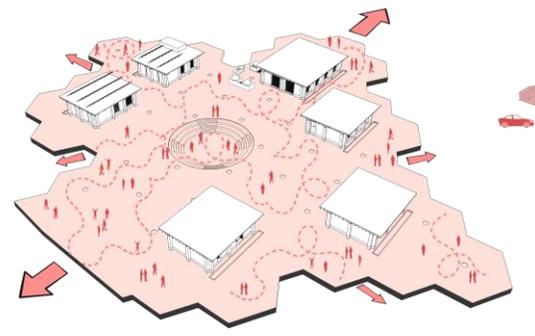
CORTE C-C



Abierto  
Uso público



Flexibilidad  
Relación interior/exterior



Dinamismo  
Flexibilidad



Organización  
Diversidad



PLANTA ARQUITECTURA

ÁREA TOTAL  
2.455 m<sup>2</sup>

SEMICUBIERTO  
2.100 m<sup>2</sup>  
Umbráculo

CUBIERTO  
355 m<sup>2</sup>



1 Comedor 105 m<sup>2</sup>



2 Núcleo servicios 100 m<sup>2</sup>



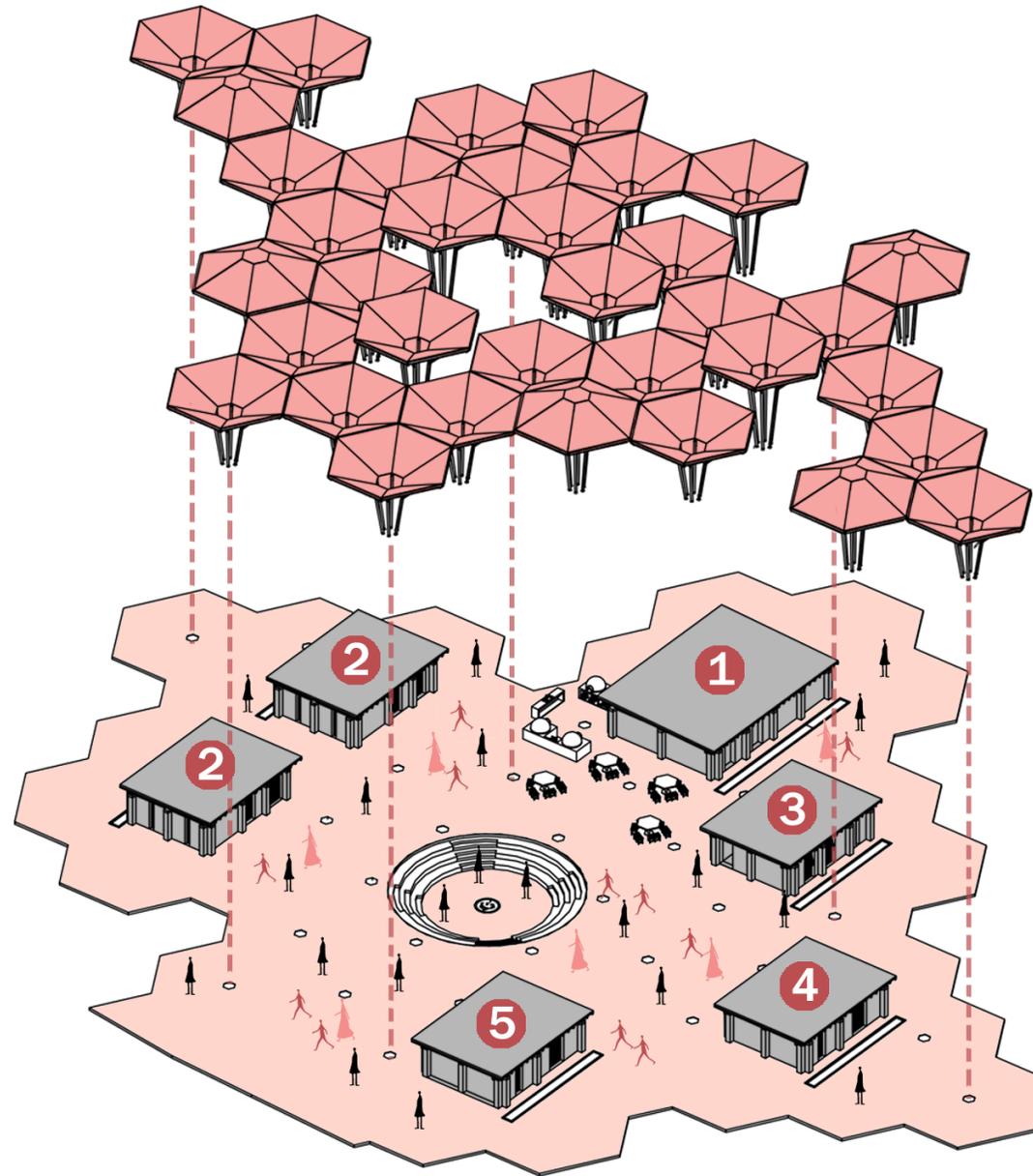
3 Aula teórica 50 m<sup>2</sup>



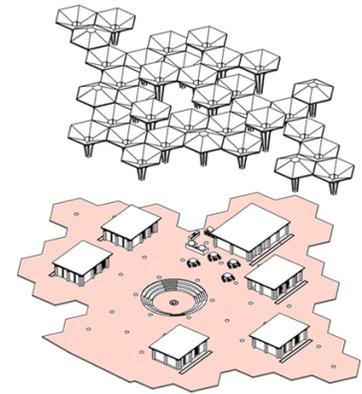
4 Laboratorio 50 m<sup>2</sup>



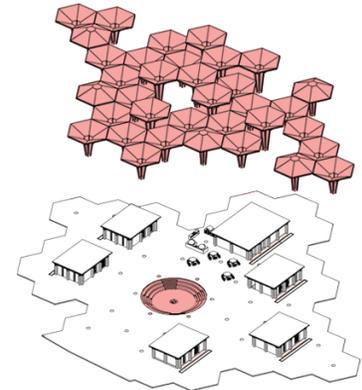
5 Taller de prácticas 50 m<sup>2</sup>



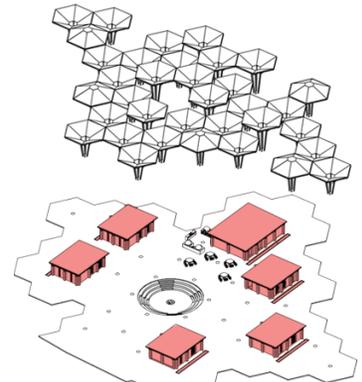
SUP. PÚBLICA



SUP. SEMI-PÚBLICA



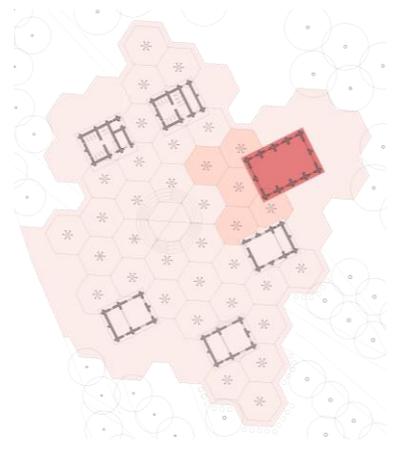
SUP. SEMI-PRIVADA





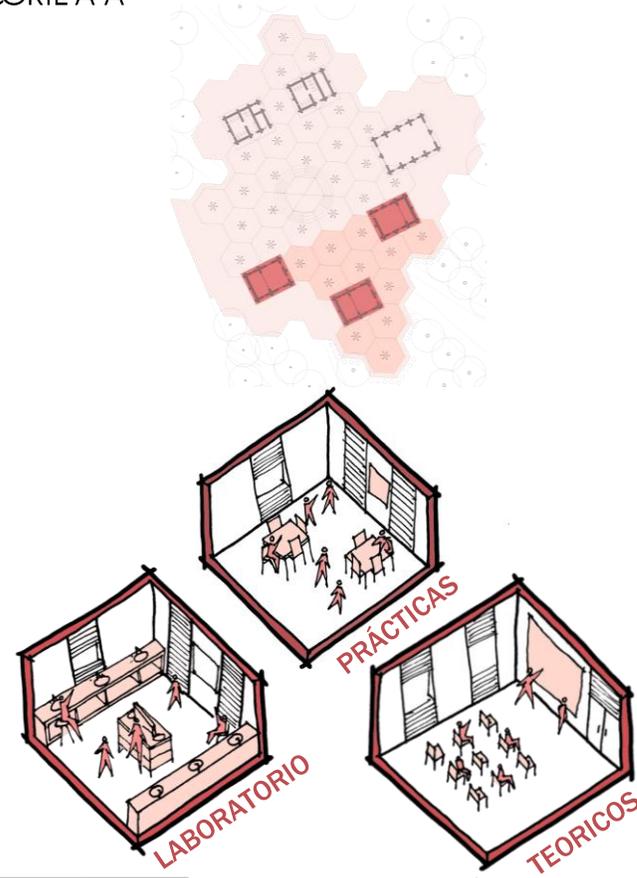








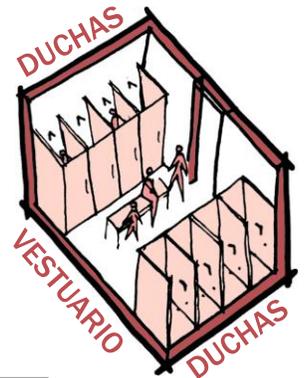
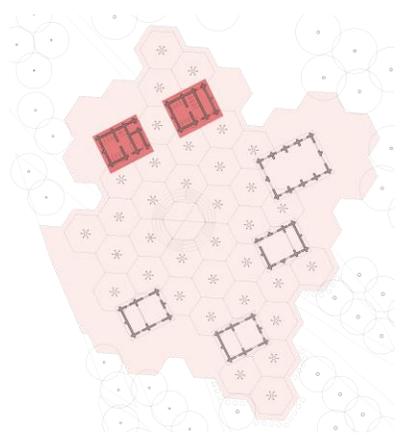
CORTE A-A

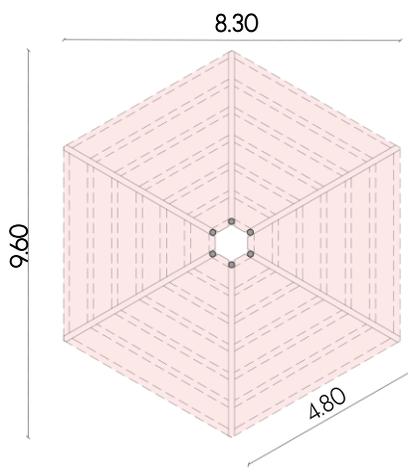






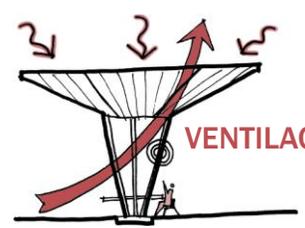
CORTE D-D





Módulo en planta

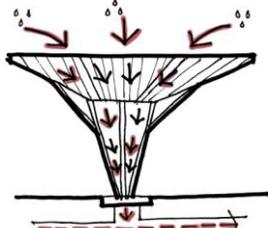
**RESGUARDO SOLAR**



**VENTILACIONES**

**APROPIACION de la estructura**

**REUTILIZACION de agua de lluvia**



**RECOLECCION del agua**

Chapa transparente ondulada e:6mm

Clavaderas 2"x3" de eucaliptus c/0.60m

Cabios  $\varnothing$  0.15m c/0.60 ancladas con bulones a viga

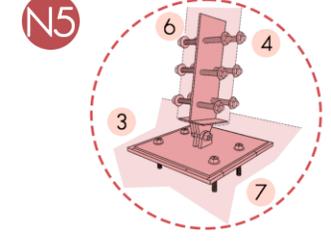
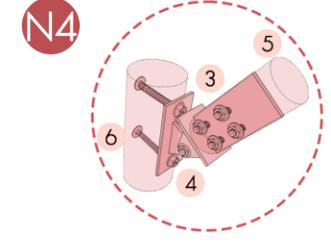
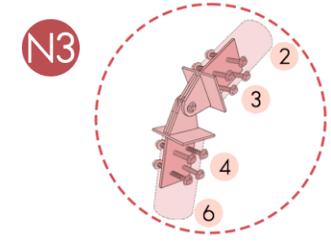
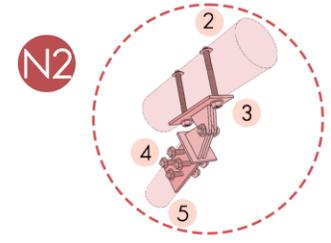
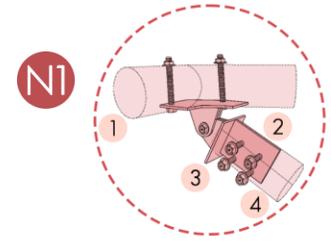
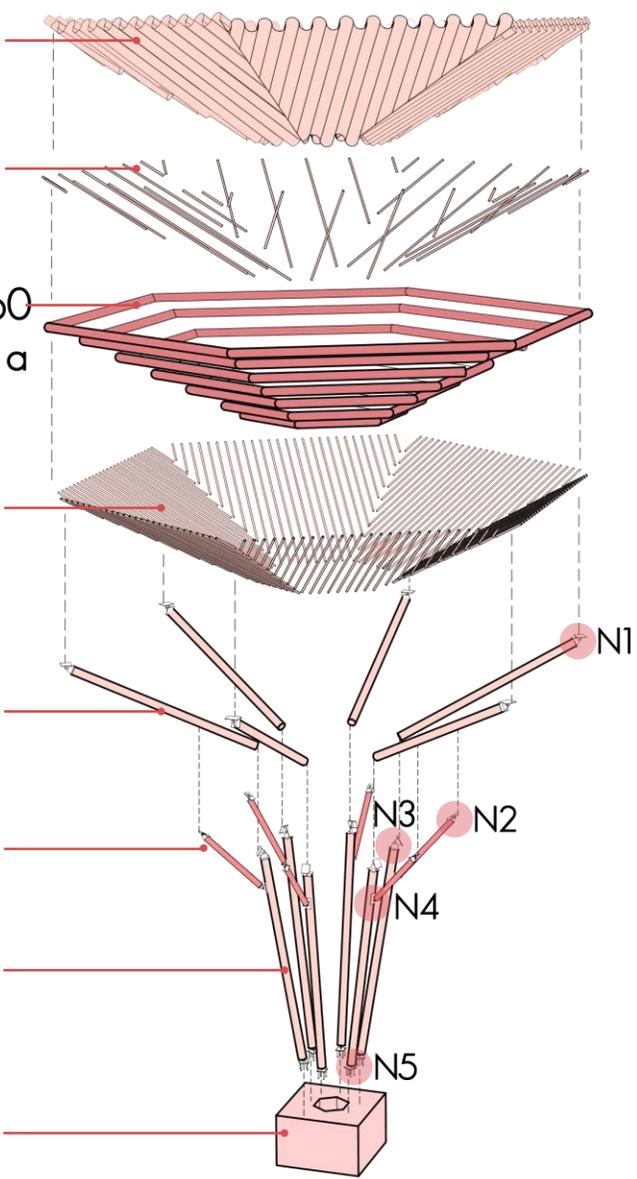
Cañas sujetadas con alambre recocido de atar

Vigas eucaliptus  $\varnothing$  0.15m

Refuerzos eucaliptus  $\varnothing$  0.10m

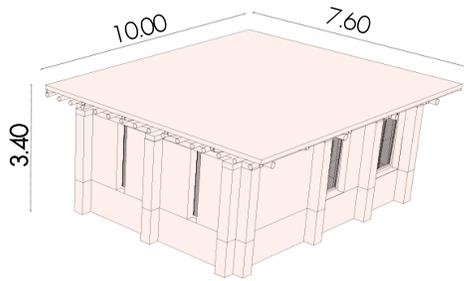
Pilares de eucaliptus  $\varnothing$  0.15m

Base aislada de H<sup>o</sup>A<sup>o</sup> 1.60x1.60m

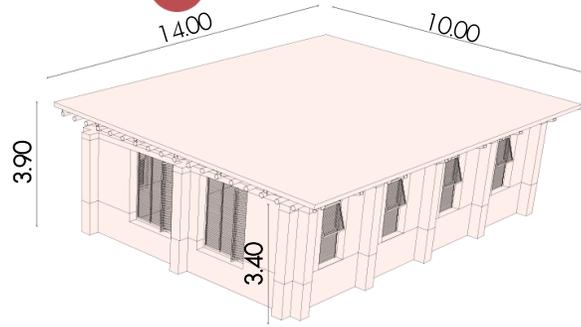


- 1 Cabio de Madera
- 2 Viga de Madera
- 3 Placa anclaje-Chapa metalica 5mm
- 4 Bulones de anclaje con varilla roscada
- 5 Refuerzo de Madera
- 6 Columna de Madera
- 7 Base de H<sup>o</sup>A<sup>o</sup>

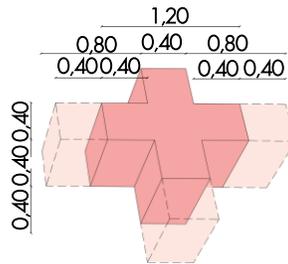
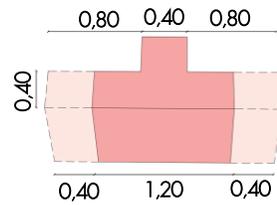
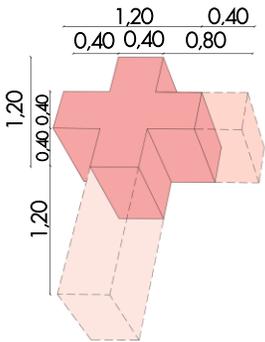
A= M1



2A= M2



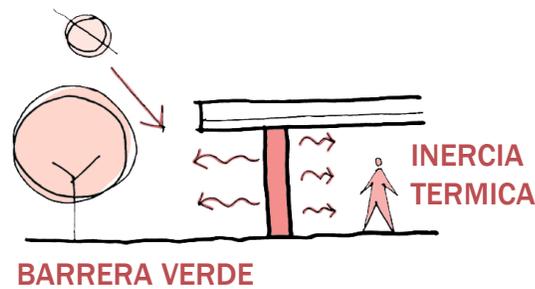
Talleres-Aula Teórica-Baños



Cocina/Comedor



Aprovechamiento de la ENERGIA SOLAR



BARRERA VERDE

Cubierta torta de barro

e:10cm.

AT Fardo de Paja e:15cm

Machimbre e:2cm

Triangulaciones  $\varnothing$  0.10m

Cabios  $\varnothing$  0.15m c/0.60  
ancladas por encastre a  
viga  $\varnothing$  0.20m

Encadenado horizontal  
superior 0.15x0.40m

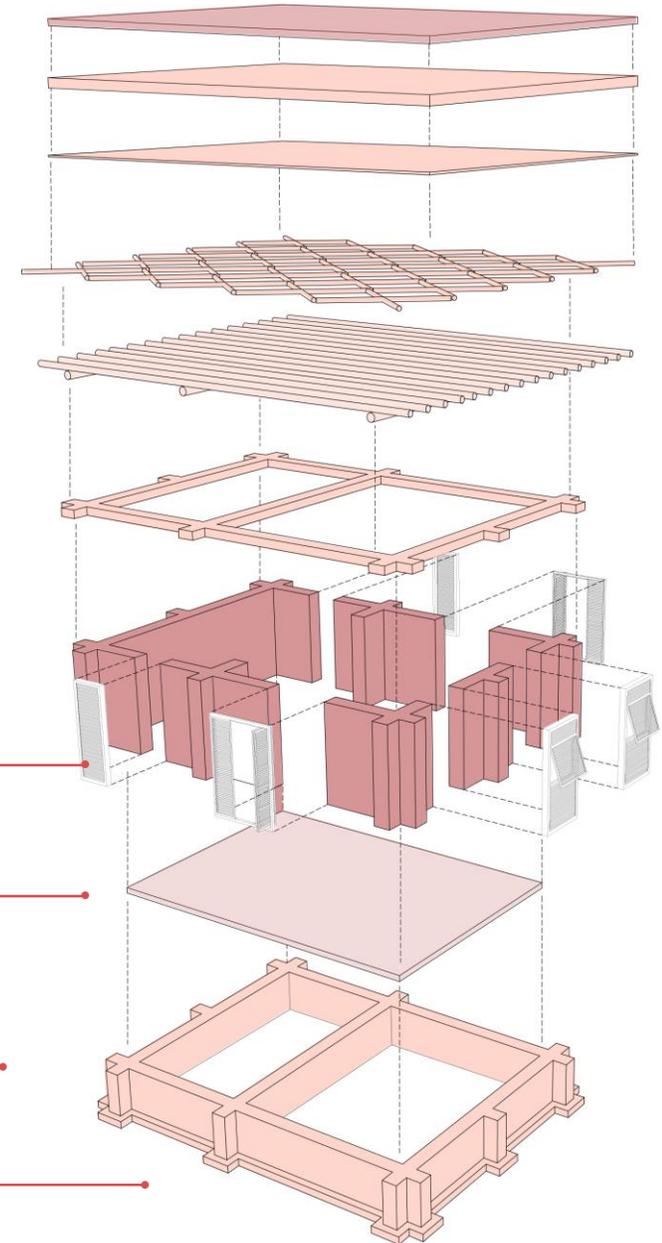
Muro tapial

Paneles corredizos marco  
madera, cerramiento cañas

Baldosa de barro cocido  
e:3cm

Viga portamuros +  
Sobrecimiento 1.20x0.40m

Zapata Corrida de H°A°  
0.20x0.80m



*“[...] la **arquitectura** puede ser inspiradora para las comunidades para forjarse su propio futuro.”*

Diébédo Francis Kéré (Charla TED, Sep. 2013)



**MUCHAS GRACIAS!**