

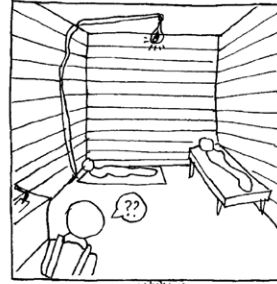
# BD des différents systèmes informels de Sabra et Shatila

Atelier de recherche de Typologie en Architecture

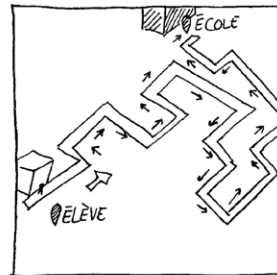
2022-2023

Ghabris Laura

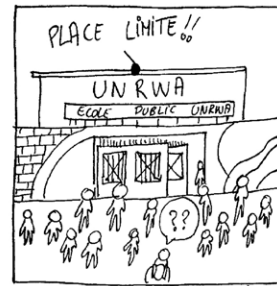
## SYSTÈME ÉDUCATIF



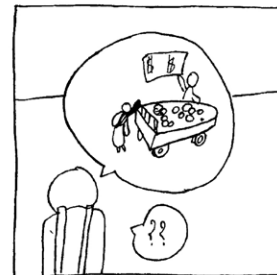
VIVRE AVEC L'ÉLÉMENT



LABYRINTHE POUR L'ÉCOLE

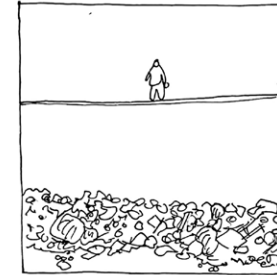


CONDITION ÉDUCATIVE RESTREINTE

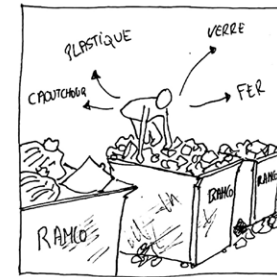


ENFANTS AU TRAVAIL...

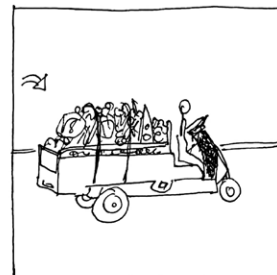
## SYSTÈME POUR LA POUËLLE



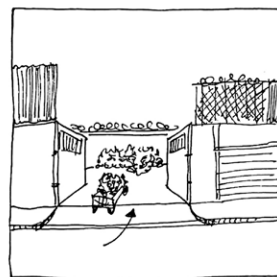
POUËLLE



TRIAGE INFORMEL

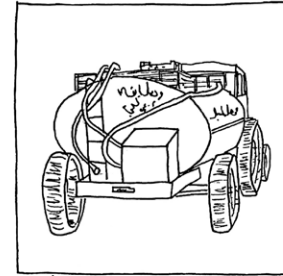


DÉPÔTS

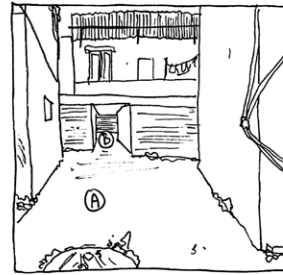


"BOUËRA"

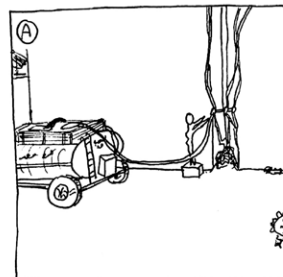
## SYSTÈME D'EAU DANS LES CITERNES



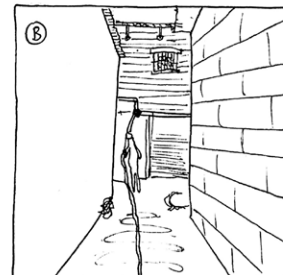
CITRINE D'EAU



DEUX ESPACES

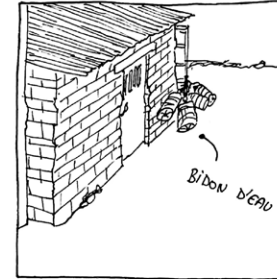


DESSERVIR DIRECTEMENT

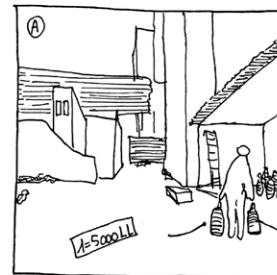


DESSERVIR AVEC UN TUYAUX SECONDAIRE

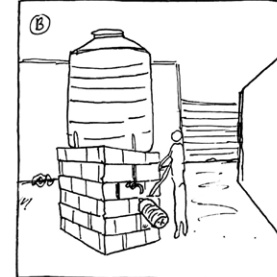
## SYSTÈME D'EAU EN "GALLON"



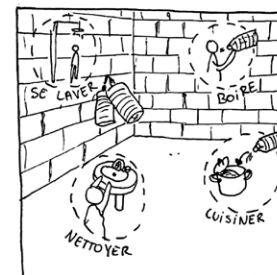
PAS D'EAU?



1- ACHETER DE L'EAU

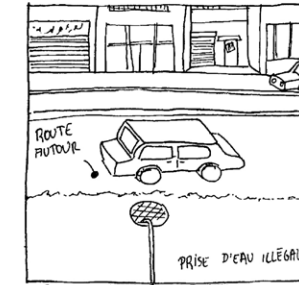


2- REMPLIR À UN POINT D'EAU

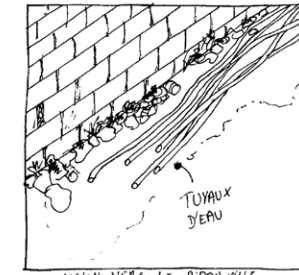


SOURCE D'EAU PRINCIPALE

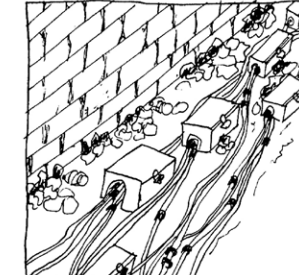
## SYSTÈME BRANCHÉ AU RÉSEAU D'EAU DE VILLE



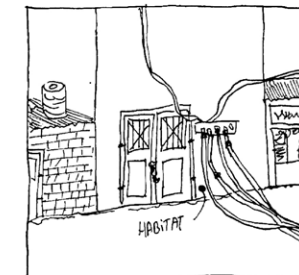
RÉSEAU D'EAU SUR LA ROUTE



EXTENSION VERS LE BIDON VILLE

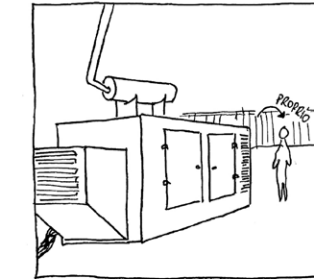


CAISSE + POMPE + CÂBLE NAT.

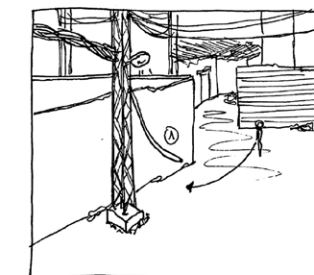


L'EAU ARRIVE DANS L'HABITAT

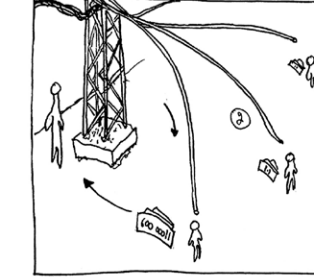
## SYSTÈME DE PARTAGE D'ÉLECTRICITÉ



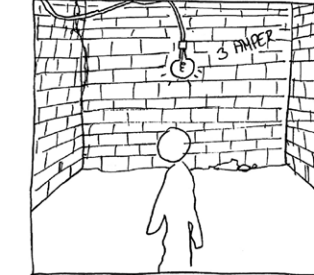
MOTEUR SUR UN TERRAIN



PROPRIÉTAIRE DONNE LA PRINCIPALE

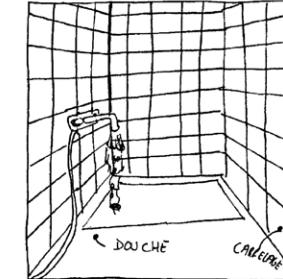


CÂBLE SECONDAIRE

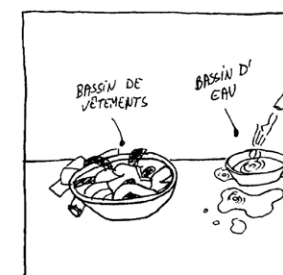


3- AMPER = UNE LAMPÉ + UN FRIGO

## SYSTÈME DE LAVAGE



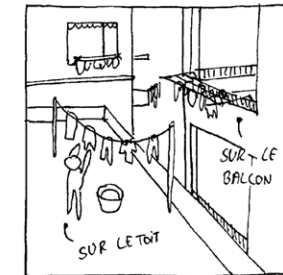
SALLE D'EAU



DES BASSINS



LAVAGE MANUEL

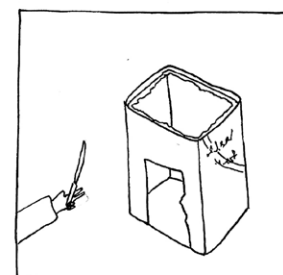


ÉTENDRE LE LINGÉ

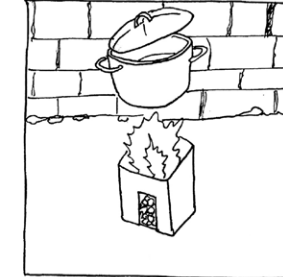
## SYSTÈME DE CHAUFFAGE



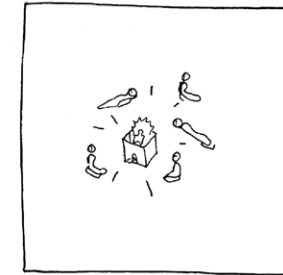
ACHETER DU CHARBON



BOÎTE EN MÉTAL COUËS



CONTAINER FAIRE DU FEU



RÉCHAUFFE

Un album  
photo de  
**Sabra et Shatila**

Atelier de recherche de Typologie en Architecture  
2022-2023  
Ghabris Laura

