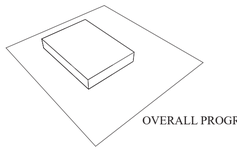
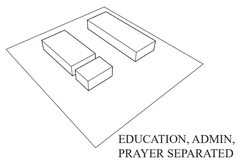
مدرسة اللاجئين للنساء

REFUGEE SCHOOL FOR YOUNG WOMEN

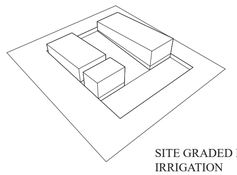
Cut / Fill: The Syrian refugee crisis has resulted in large refugee settlements in surrounding countries, including Jordan, Lebanon, and Turkey. Most humanitarian groups assume that these settlements are temporary, deserving of structures that can be easily assembled, and disassembled once refugees are relocated. Though their intentions are good, this assumption is falsely optimistic of existing relocating efforts, and future regional political conditions. Many camps, such as the Al Zaatari refugee camp in Jordan, have existed long enough to develop main retail corridors, parcel organization, and a network of streets and roads. The typical temporary, prefabricated structures that aid organizations have deployed as housing in refugee camps will potentially not be temporary. Families will likely live in those structures for many years, as refugee camps evolve into permanent, young cities. Additionally, though these imported structures offer housing, they offer no tools for refugees to duplicate the structures independently. Cut / Fill proposes a solution that empowers Syrian refugees with the tools to create duplicate structures from a prototype that employs simple, regional construction techniques. Rammed earth construction has been utilized in semi arid, and Mediterranean climates for thousands of years due to its thermal mass properties, and need for little outside materials. Cut / Fill proposes a series of rammed earth walls, separated by a courtyard which allows a flexible framework for play. Additionally, rain water is collected and directed through the site to allow for irrigation of regional crops, including corn, barley, fruits and vegetables. Agriculture is incorporated into creative spaces for learning, playing, and prayer. Cut / Fill offers a proposal that can be replicated as housing, or other uses as needed.



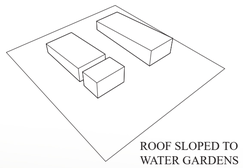
OVERALL PROGRAM MASS



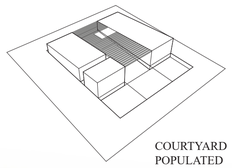
EDUCATION, ADMIN, PRAYER SEPARATED



SITE GRADED FOR IRRIGATION

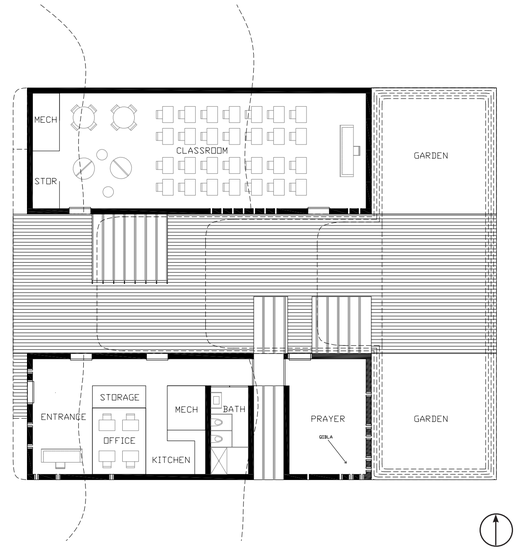


ROOF SLOPED TO WATER GARDENS



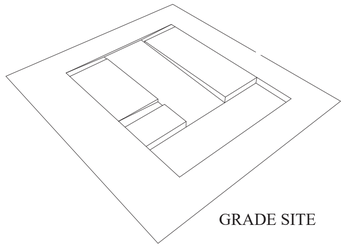
COURTYARD POPULATED

SITE PLAN: 1/64” = 1’0”

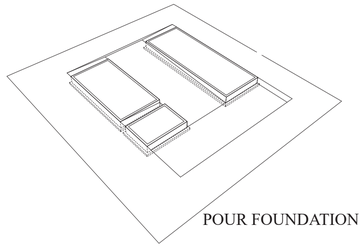


PLAN: 1/16” = 1’0”

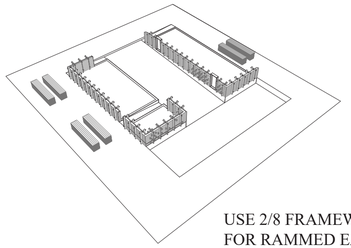
CLASSROOM



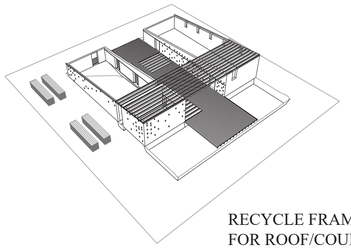
GRADE SITE



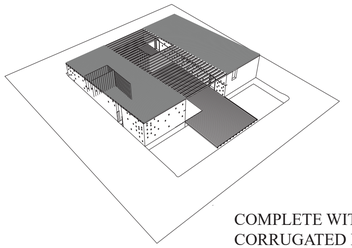
POUR FOUNDATION



USE 2/8 FRAMEWORK
FOR RAMMED EARTH
WALLS

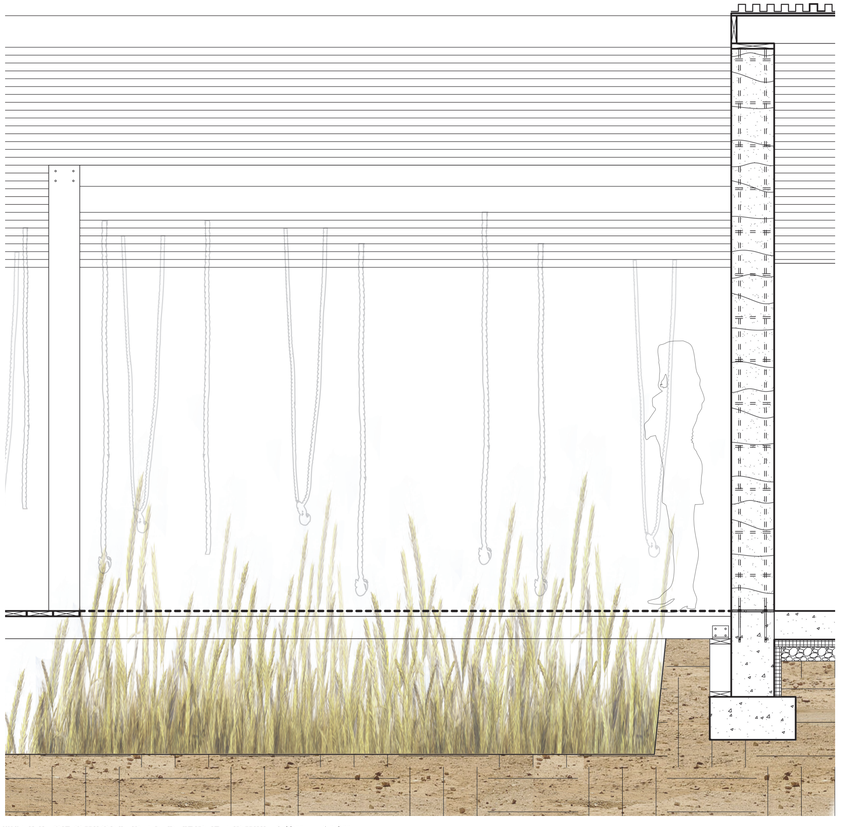


RECYCLE FRAMEWORK
FOR ROOF/COURTYARD

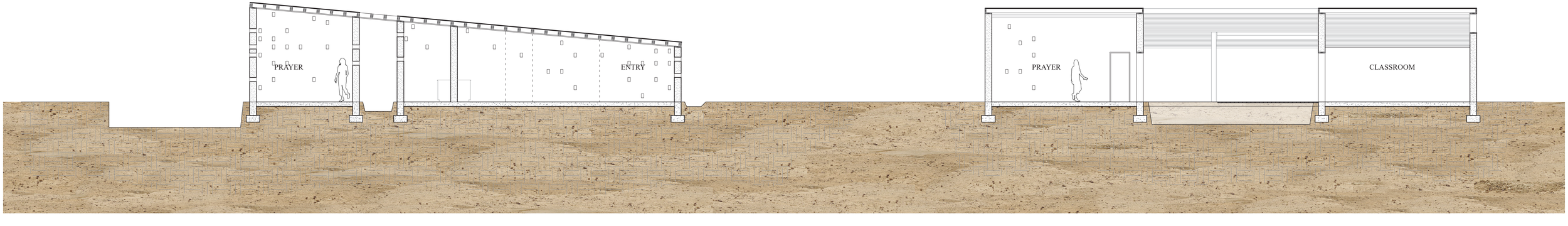


COMPLETE WITH
CORRUGATED METAL ROOF
AND INTERIOR CURTAIN
PARTITIONS

COURTYARD PERSPECTIVE



WALL SECTION: RAMMED EARTH 1/2” = 1’0”



SECTIONS: 1/8” = 1’0”