IPRO343 KRANTI HOME, MUMBAI RESEARCH & RESULTS

(A)

100 40

KRANTI/IIT

<u>Client: Kranti</u> A New Vision of Empowerment



Kranti, a women's rights organization being established by an IIT PSYC Alumnus, aims to provide a healing home, comprehensive education, and personalized opportunities to girls who have been trafficked or otherwise denied their basic human rights.



Painting By Maya

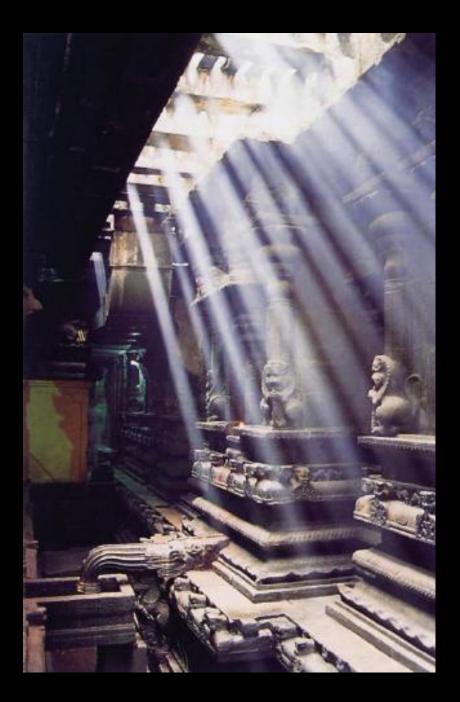
Site: Mumbai

- Density
- Climate: Tropical Monsoons
- Seismic Zone

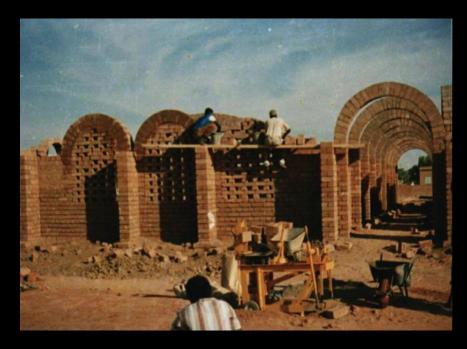






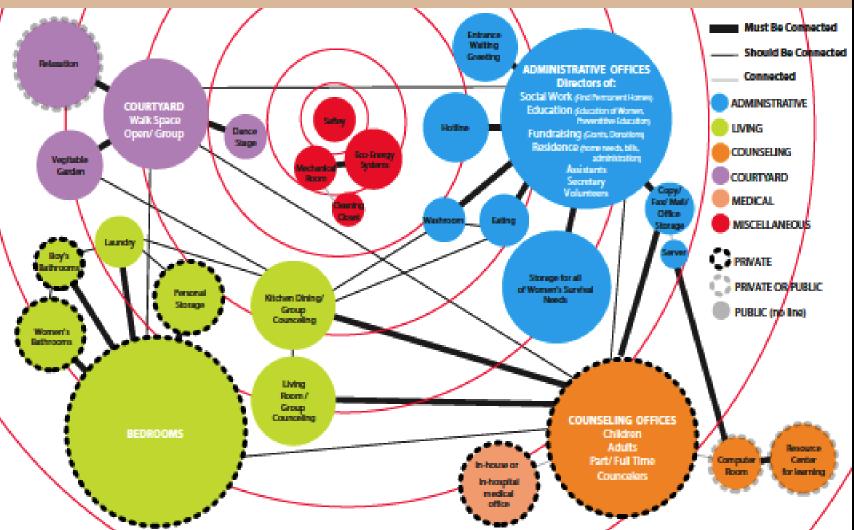






IPRO 343's Mission

It is our mission to effectively produce a document and preliminary design strategy that will positively impact the lives of the girls that are so critical to Kranti's success.



BUBBLE DIAGRAM Proposed Kasanti Building Component Relationship/ Relative Size/ Public vs. Private Diagram

Compressed Stabilized Earth Block (CSEB)



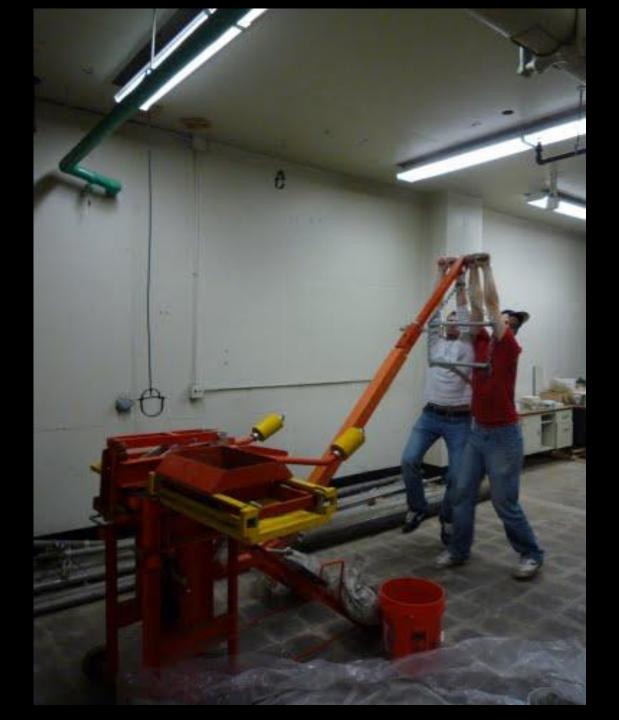


Compressed Stabilized Earth Block (CSEB)

	5	_ 1.cement	18 oz.	6%
CULUSE	States / Bartes	2.sand	108 oz.	35%
=	•	S ^{14.soil}	172 oz.	55%
0 0	· · · · C	2.water	12 oz.	4%







iPRO_KRANTI

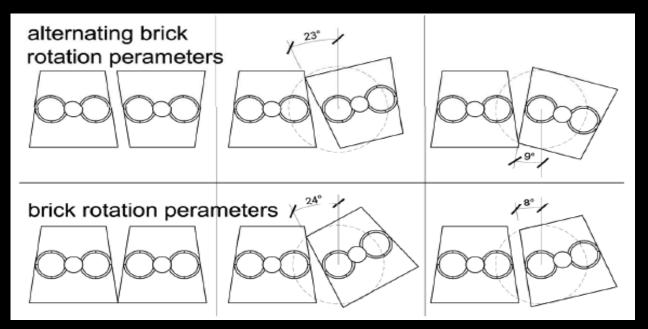
... 4 locm Brick

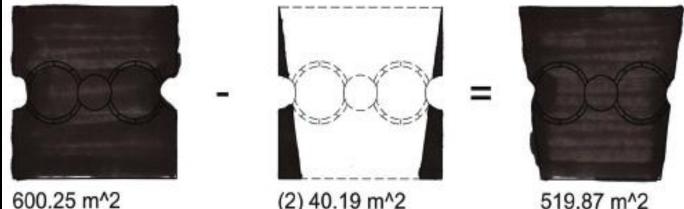






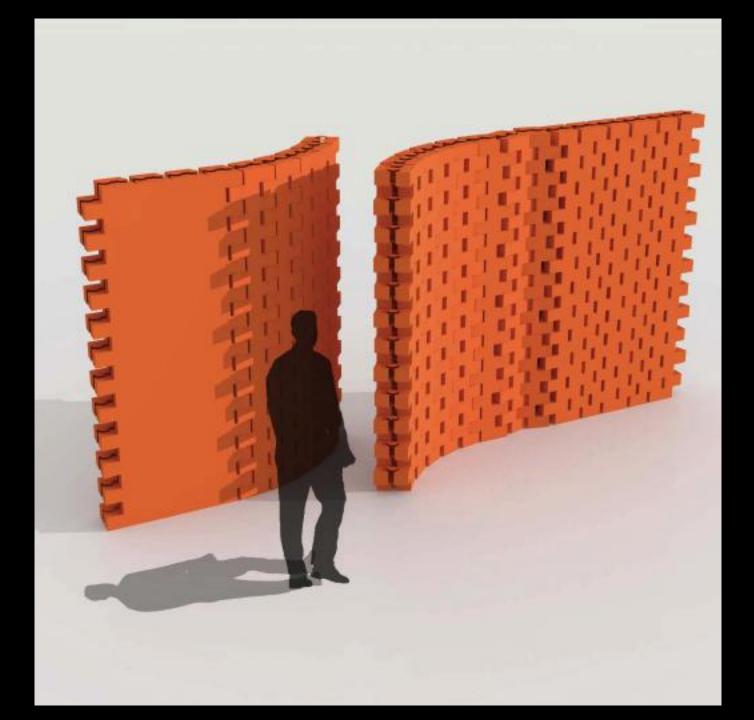
Construction: The Prototype

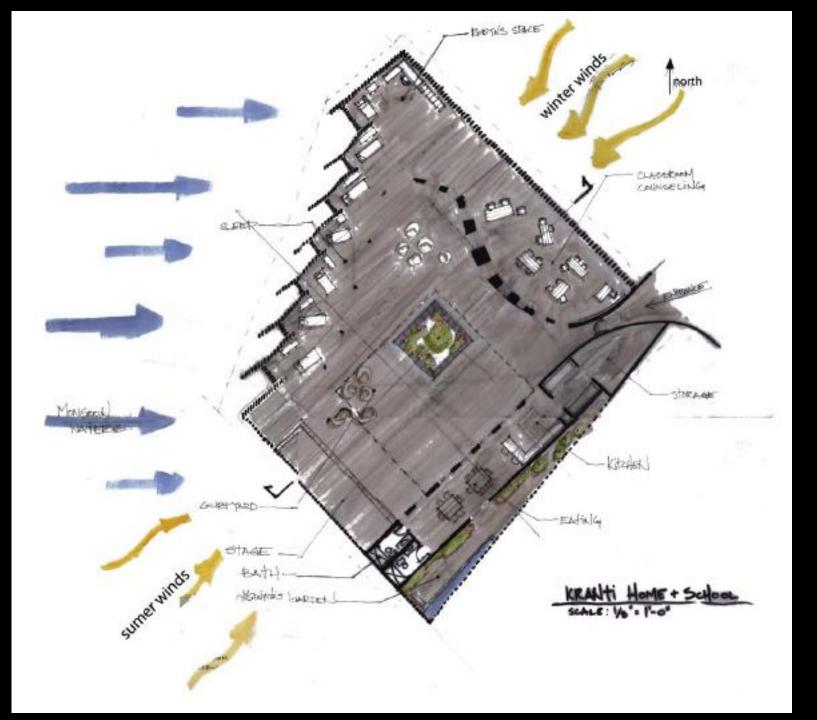




(2) 40.19 m² 80.38 total = 13%

519.87 m²







Questions?

SPECIAL THANKS

JEANNE GANG FAIA, LEED AP MONICA CHADHA LEED AP LINDA PULIK IT ID AKHIL BADJATIA

8145-0

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