

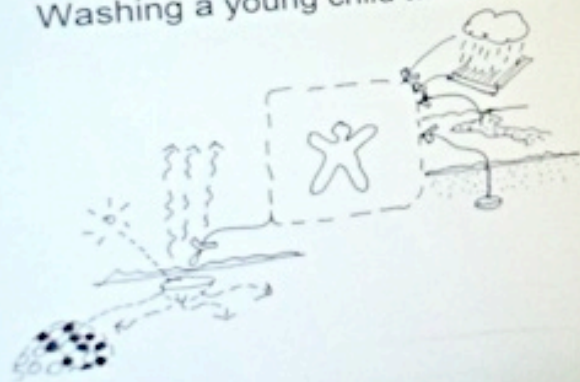
ARBE2220
ARCHITECTURAL DESIGN 2A

Phase 5

Detail Design: *Washing People*



Washing a young child twice a day





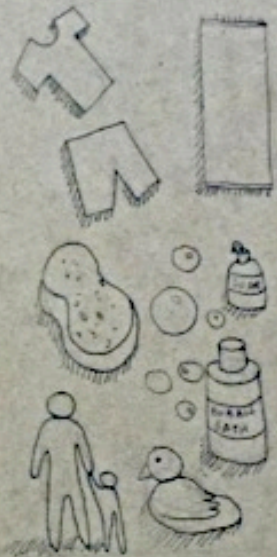
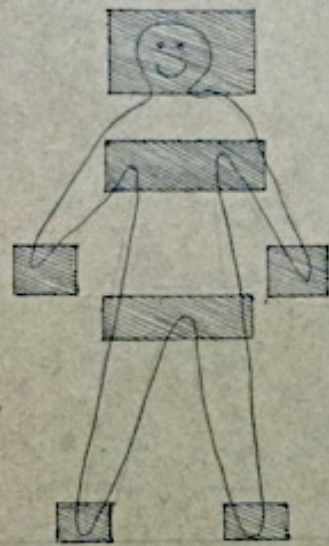


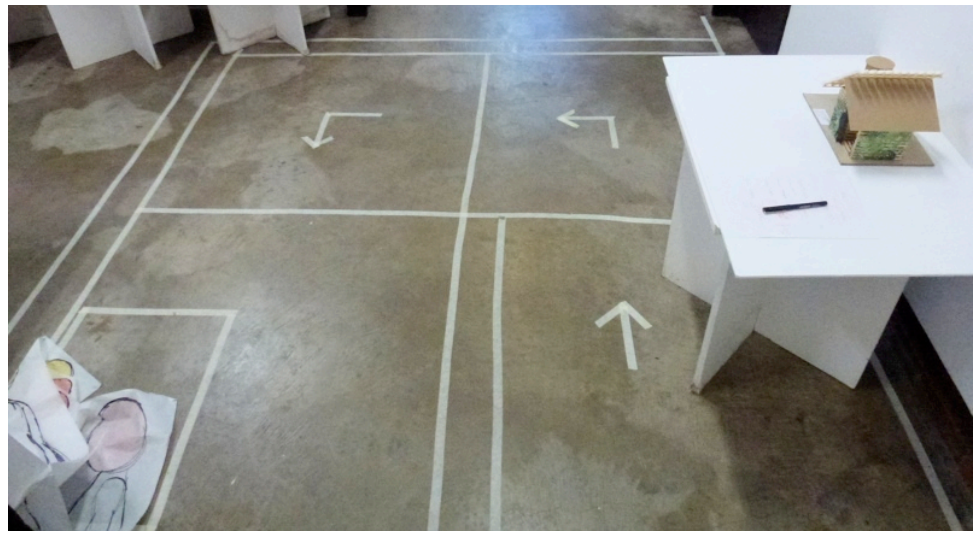


WASHING PEOPLE



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ARBE 2220 PHASE 5 WASHING PEOPLE

WHO SMALL CHILD 0-5 YRS + PAPER

DETAIL

WHEN SUN/WIND AM/PM

WHERE PRIVACY FLOOR BENCH

WHERE N W S E

HOW IMMERSE SPRAY

STUFF TANK SIZE HEIGHT SHAPE WATER HOW MUCH BATH SIZE DEPTH SHAMPOO TOWEL CLOTHES

APPROACH PATHS ACCESS DOOR

ENTER RUN BATH TAPS FITTINGS NOISE PIPES

REMOVE CLOTHES STOP!B KEEP DRY SCREENING PRIVACY

IMMERSE CHECK WATER TEMPERATURE HOT / COLD HEATING SOLAR

PLAY RINSE / WASH SOAP SHAMPOO BIODEGRADABLE FUNNEL IMPLEMENTS

WATER REMOVAL REMOVE, DRY TOWEL NON SLIP SURFACE

CLEAN

AVERAGE MONTHLY RAINFALL

MAY	101-56 ml
JUNE	123-644
JULY	64-67
TOTAL	394-644 ml

GRAVITY SYSTEM

Water pressure determined by height difference between tank & fixture

Each square meter of roof area catches 1L for every mm of rainfall received

ex. 10 mm rain & 80 m² roof → 800L (80m² × 10mm = 800L)

ROOF AREA	TOTAL CAPTURE (May, June, July)	L / day
4m ²		
5m ²	184-47L	21L
6 m ²	229-164L	25-3L
7m ²	267-208L	29-53L

By Average Assume use 100-200 L per person / day → increased drinking & other needs

PORTABLE SOLAR PANELS DIESEL WATER SUITCASE

DIY INNER TUBE WATER HEATER

ENTER **RUN BATH** **REMOVE CLOTHES**

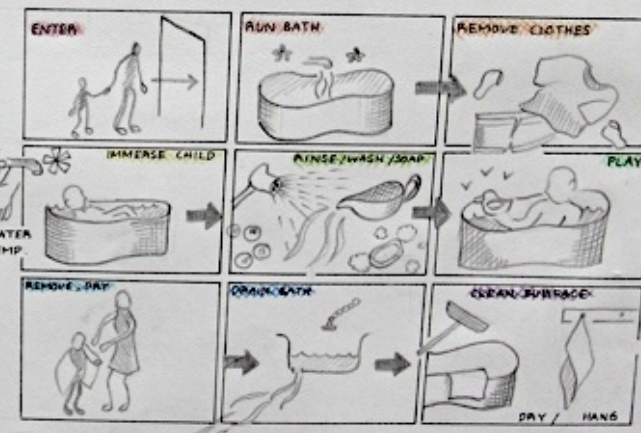
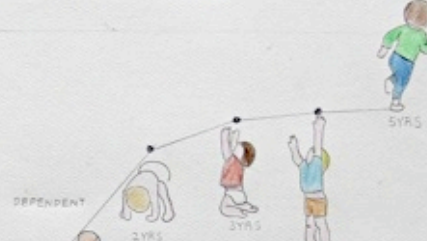
IMMERSE CHILD **RINSE / WASH / SOAP** **PLAY**

REMOVE, DRY **DRAIN BATH** **CLEAN SURFACE**

TURN OFF TAPS CHECK WATER TEMP

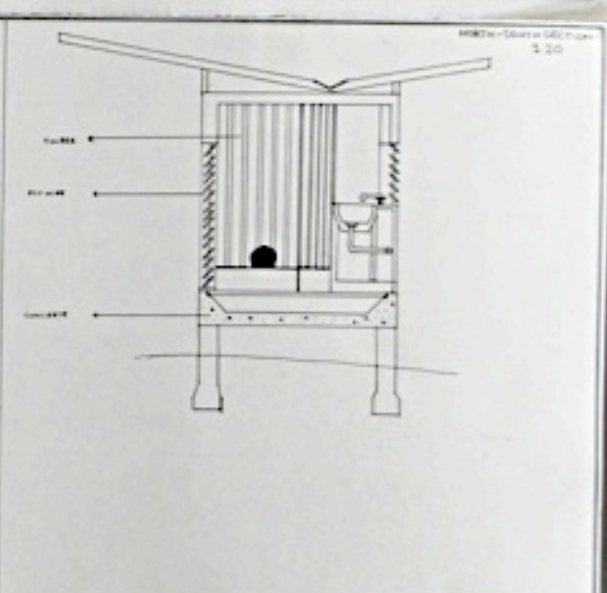
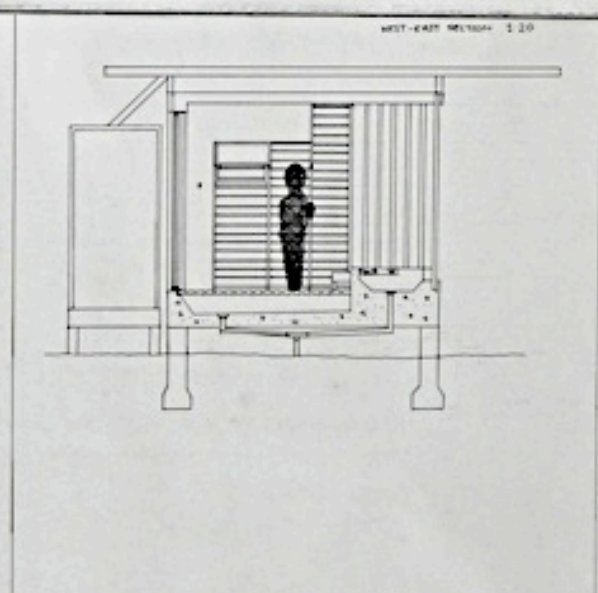
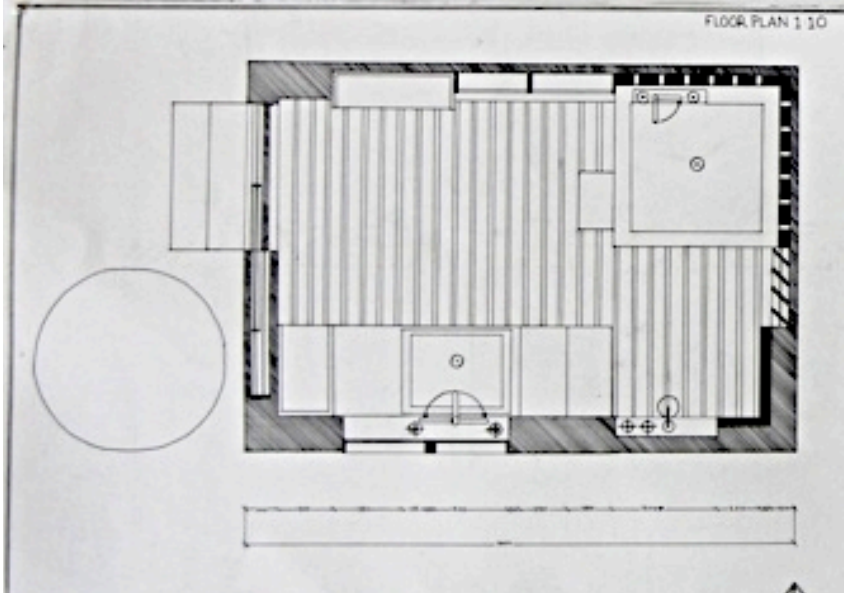
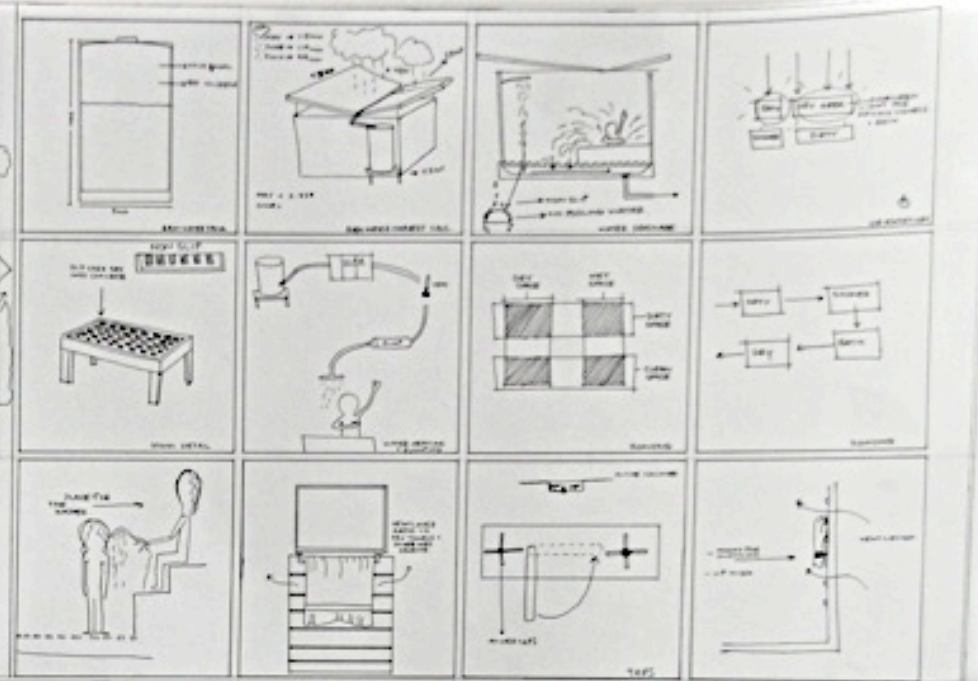
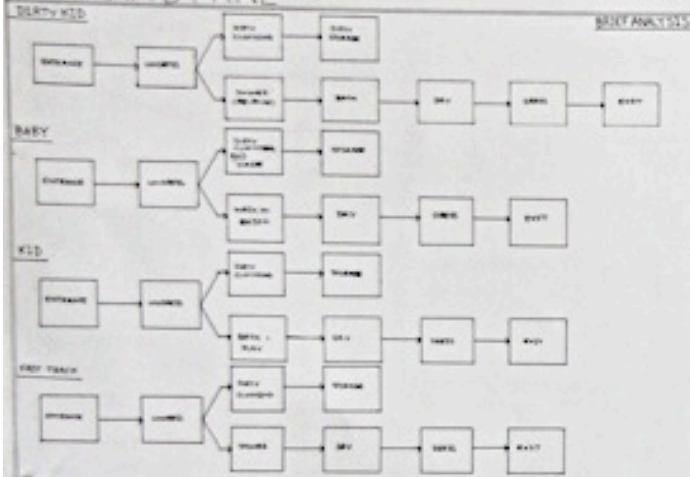
DRY / HANG

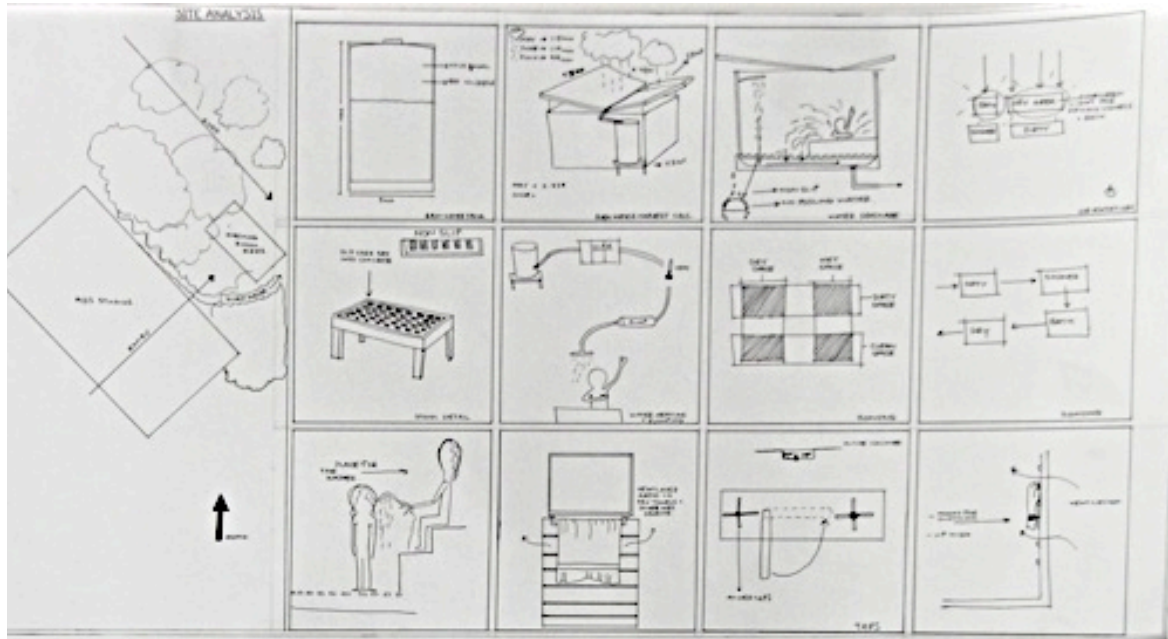
GAINING INDEPENDENT
- Ability to watch on their own
- increasingly useful



WASHING

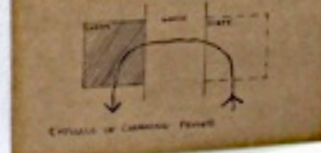
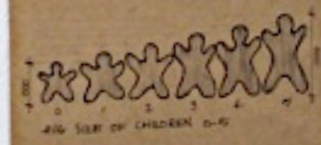
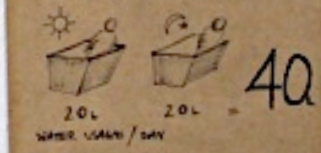
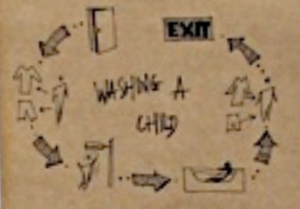
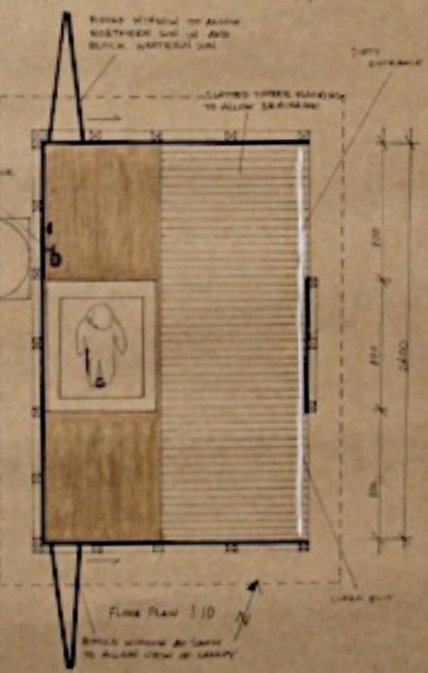
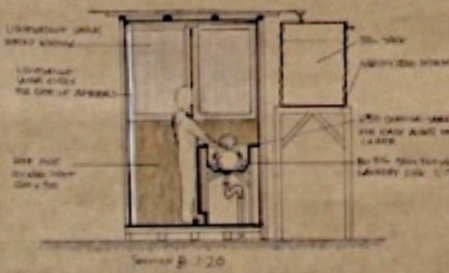
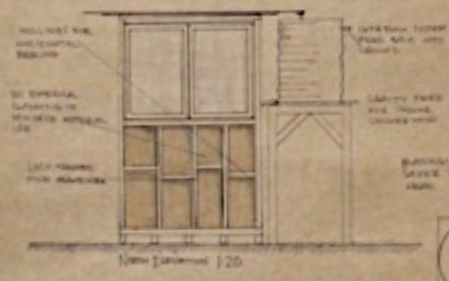
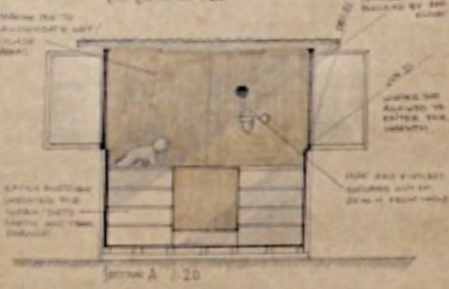
PEOPLE - PHASE 5
HANNAH BYRNE

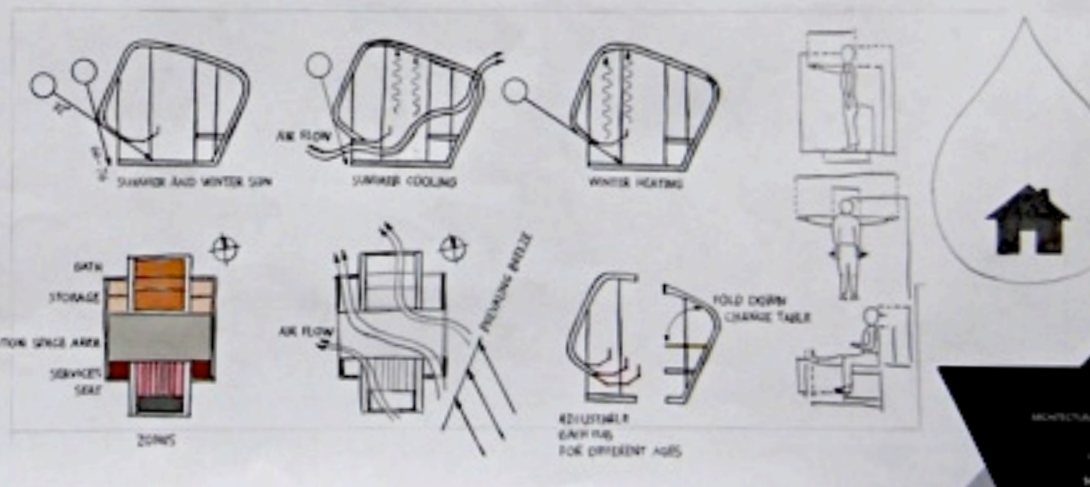
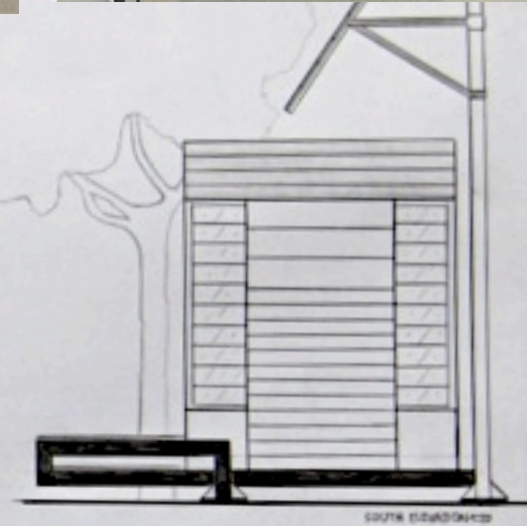
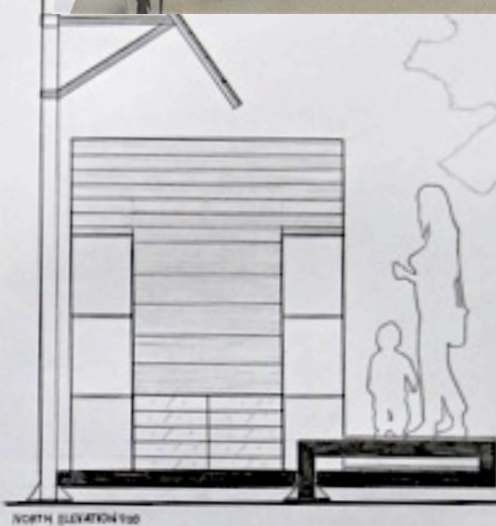
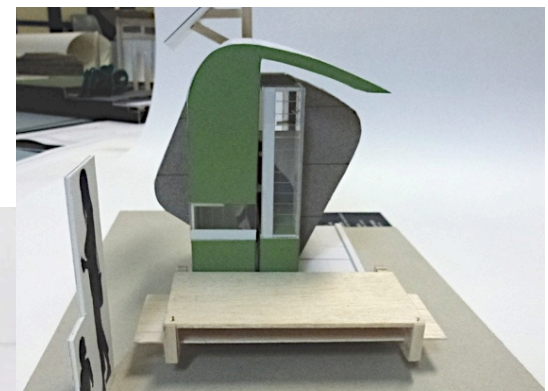
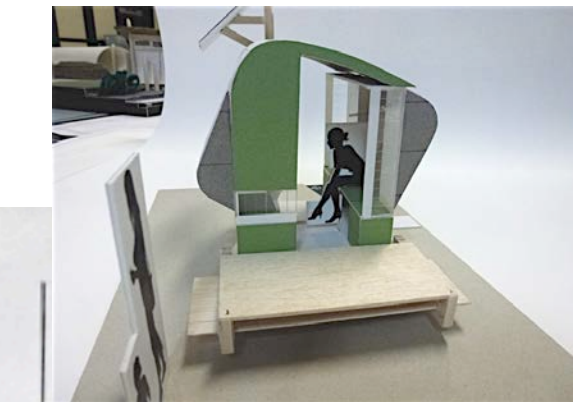
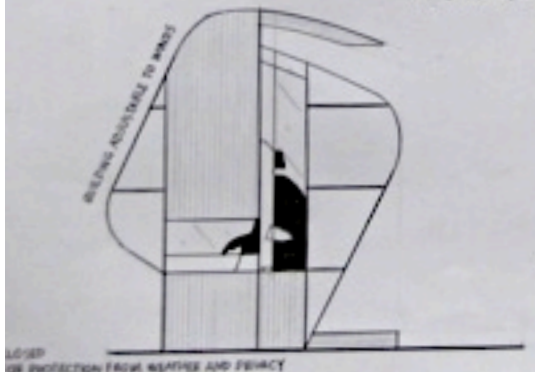
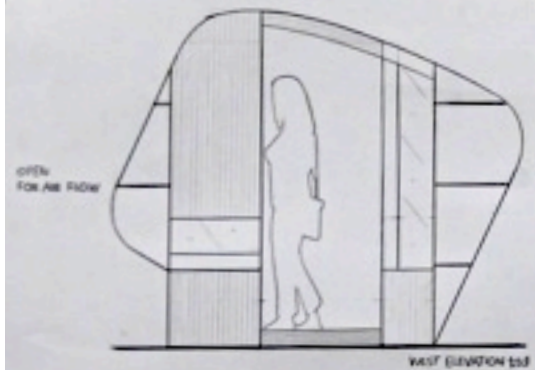
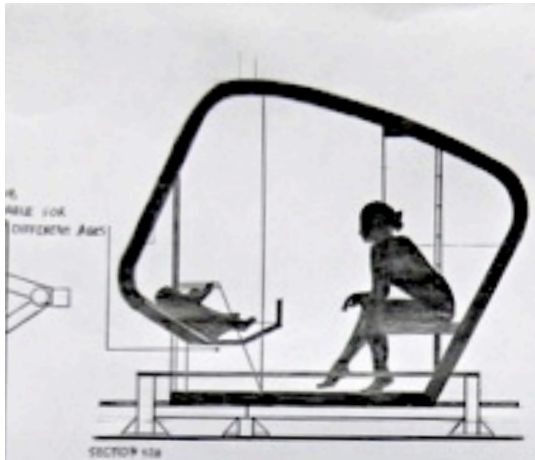


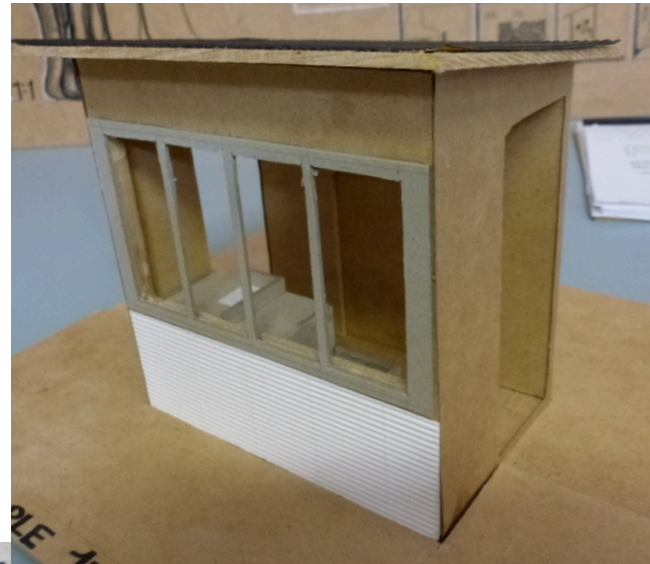


WASHING PEOPLE

TIR BAKERY PHASE 5







SECTION 2 1:20

