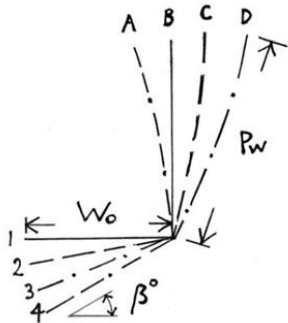
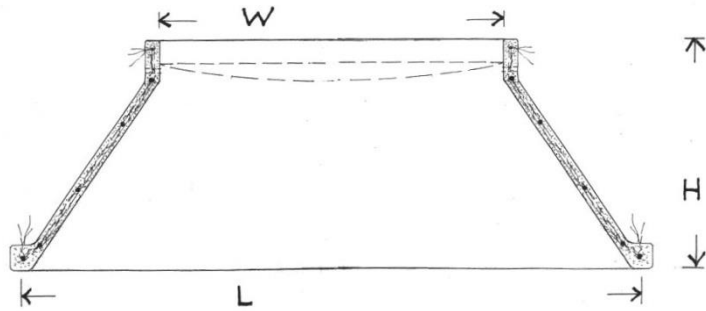


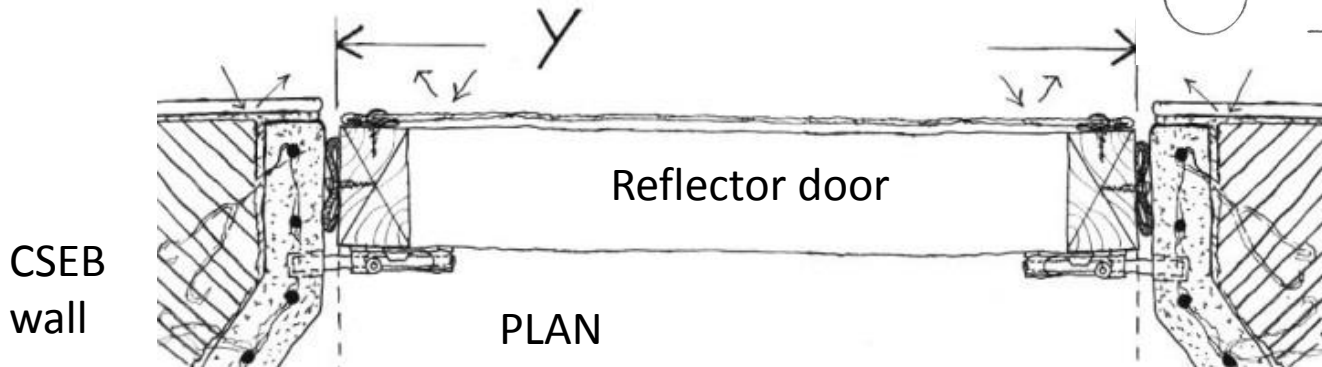
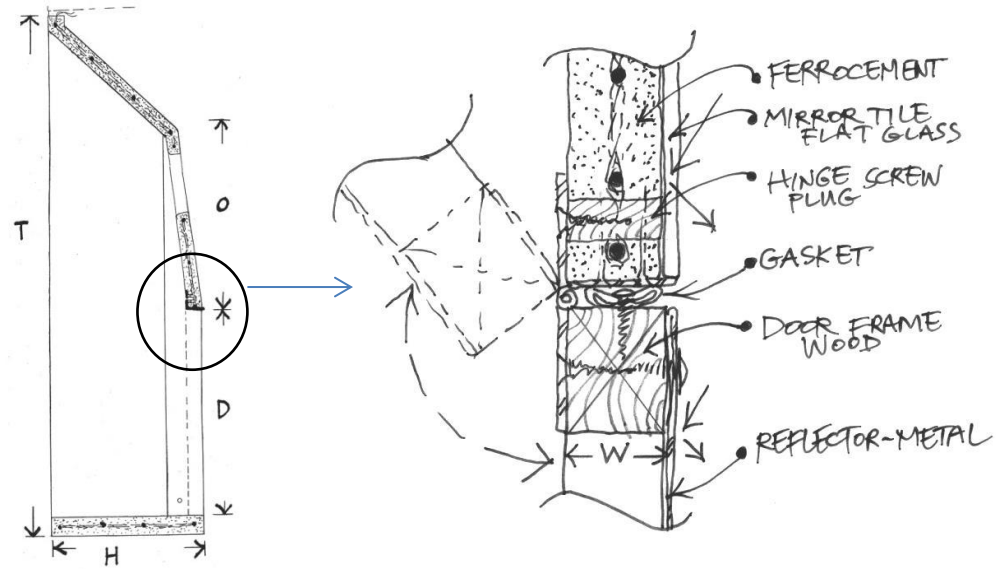
## PREFABRICATED OVEN DOOR FORM FOR CSEB WALLS



The expansion-contraction difference between the CSEB and ferrocement, and movements (foundations, tremors, etc.) are concerns. And the wall curvature approximated with flat mirror tiles is a factor for the tile shapes and tile pattern. If there is a construction joint with sealant between the CSEB and ferrocement (G) the prefabricated ferrocement door form can be shaped so there are only straight line mirror tile cuts.



PLAN

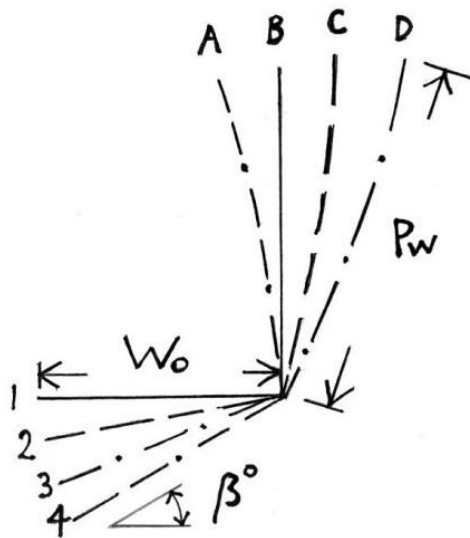


PLAN

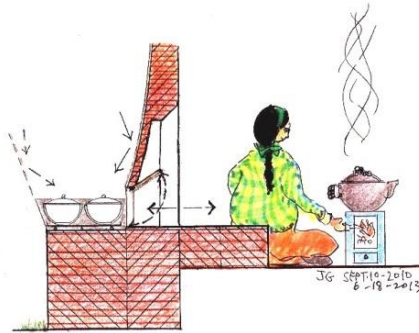
DETAIL AT TOP HINGED  
REFLECTOR DOOR  
JG  
DEC 10  
2014



Thru wall solar oven door (wood ) ferrocement frame form for CSEB walls. Screw plugs for hinges can be replaced, and a metal strip drip extends as a ledge for the glass mirror tile above the door.



A



B

## Thru-wall nonimaging reflectors optical configuration

Nonimaging reflectors **optical-thermal design references** for selected regional latitude-range locations based on selected cookware and autoclave targets are needed for building technology studies.

**Nonimaging reflector concentrator thru-wall trough solar kitchen studies**

Joel H. Goodman July 7, 2014