HABITAT RESEARCH AND DEVELOPMENT CENTER

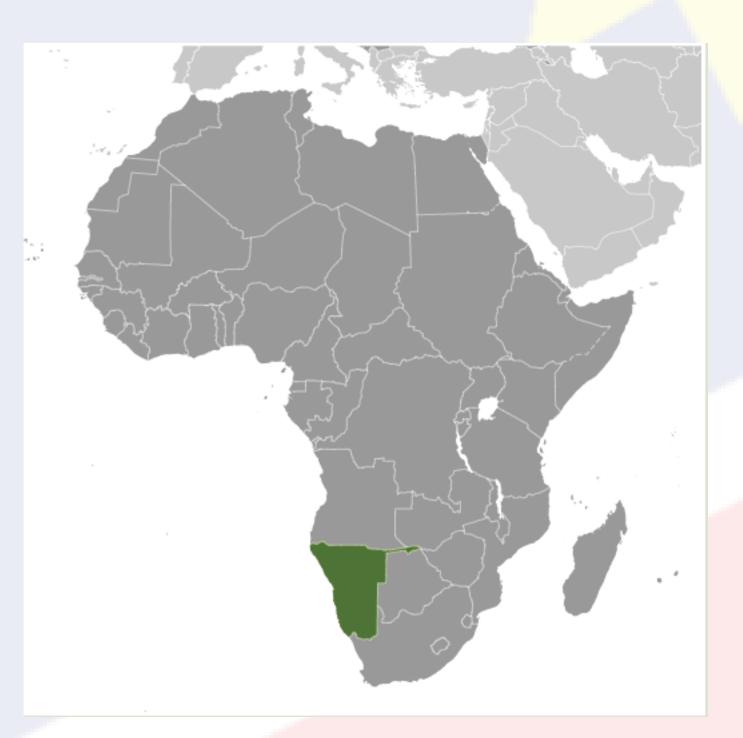
NINA MARITZ, 2004 KATUTURA, NAMIBIA, AFRICA BUILDING SIZE: 23, 640 SQUARED FEET CLIMATE: MAX: 32 TO 34° C (90 TO 93° F) MIN: 4 TO 6° C (39 TO 43° F) DAILY TEMPERATURE SWINGS 20° C (68° F) HUMIDITY AVERAGE 10 TO 20% MEDIAN RAINFALL 12 TO 14 IN

VISION

TO BE THE CENTRE OF EXCELLENCE IN HOUSING RESEARCH AND DEVELOPMENT BY APPLYING NEW METHODS AND IDEAS OF SCIENCE AND TECHNOLOGY FOR THE SUSTAINABLE DEVELOPMENT OF THE NAMIBIAN HOUSING SECTOR. -NAMIBIAN ENVIRONMENTAL DIRECTORY

MISSION

TO PROMOTE THE USE OF LOCAL, INDIGENOUS **BUILDING MATERIALS AND DESIGNS, TO ENGAGE** MULTI-DISCIPLINARY TEAMS IN BASIC RESEARCH, AND TO ADAPT EXISTING KNOWLEDGE AND AP-PLIED RESEARCH TO ACHIEVE A HOLISTIC AP-PROACH TO PROBLEM SOLVING IN THE FIELD OF HOUSING AND RELATED ISSUES. -NAMIBIAN ENVI-RONMENTAL DIRECTORY





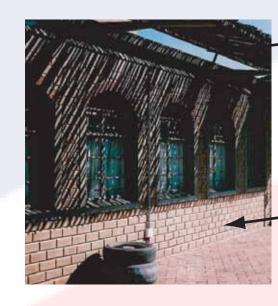




SITE SCHOOLS

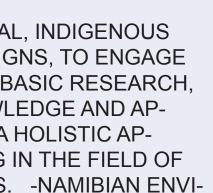


DRY SELF-COMPOSTING TOILETS



SHADING DEVICES **BUILT FROM** INVASIVE TREES

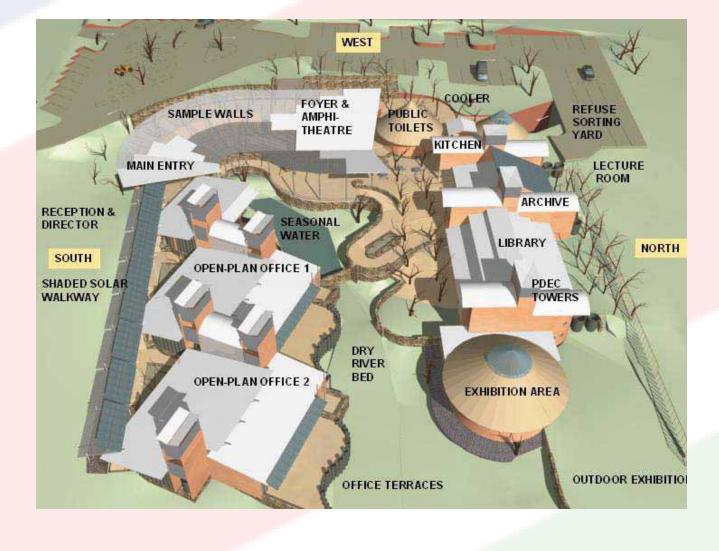
HYDRAFORM SYSTEM (NAMIBIAN-INVENTED), USES SOIL IN THE SUR-**ROUNDING AREA** AND ONLY 6-8% CEMENT. ALSO USED AS THERMAL MASS.







PROSOPIS TREE (INVADING SPECIES)

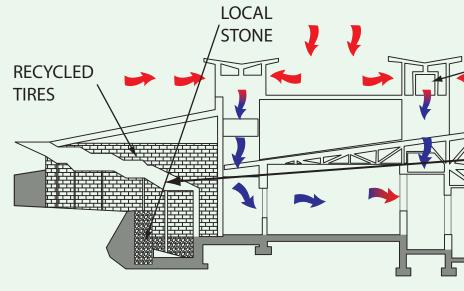




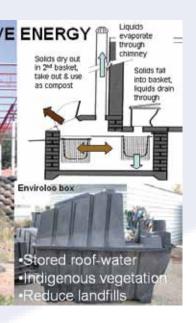
NDIGENOUS VEGETATION

RADIANT HEAT WINTER SUN





SECTION THROUGH OFFICES



METAL SHEET

BRANCHES FROM PROSOPIS TREE (AN INVADING SPECIES)

ROCKS AND STONES FOUN SURROUNDING AREA

RECYCLED TIRES

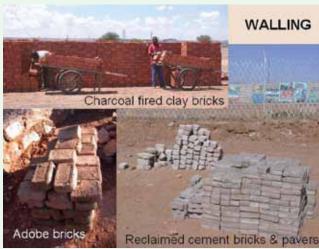




ECONOMIC COMFORT AT A LOW PRICE

PHOTOVOLTAICS

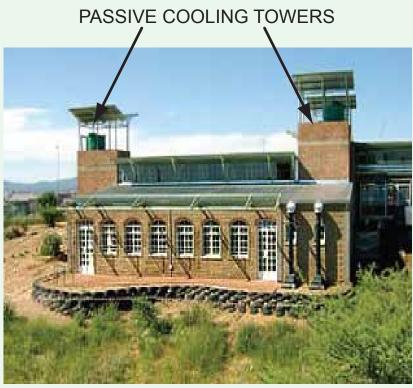




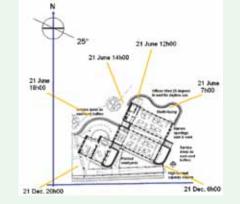
RECLAIMED CEMENT BRICKS AND PAVERS COST 40-60 CENTS EACH, COMPARED TO 1.20 FOR NEW ONES

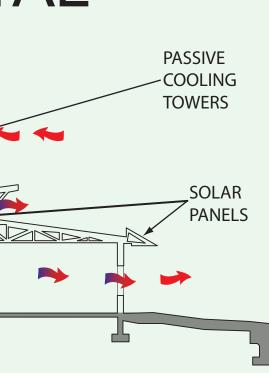


OR REALLY CHEAP

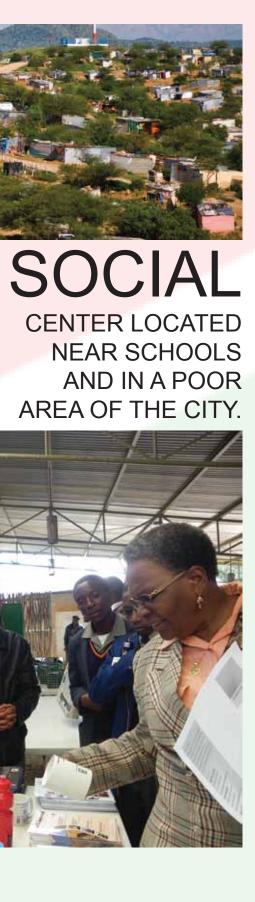


ORIENTATION: 25° EAST OF NORTH









UNSKILLED LABOR USED IN CONSTRUCTION WITH MATERIALS THAT CAN BE OBTAINED FOR FREE