

EVERGREENS PROVIDE WINTER WIND BLOCK. PLANT SO LAND HITS SHRUBS FIRST, THEN TREES TO DIRECT WIND UP AND OVER BUILDING.

TRELLIS COVERS PATIO AND SHADES WEST WALL.
 USE RAISED BECKS FOR MAXIMUM COOLING AND DRYING.
 PLANTING FUNNEL SUMMER BREEZES TO BUILDING.

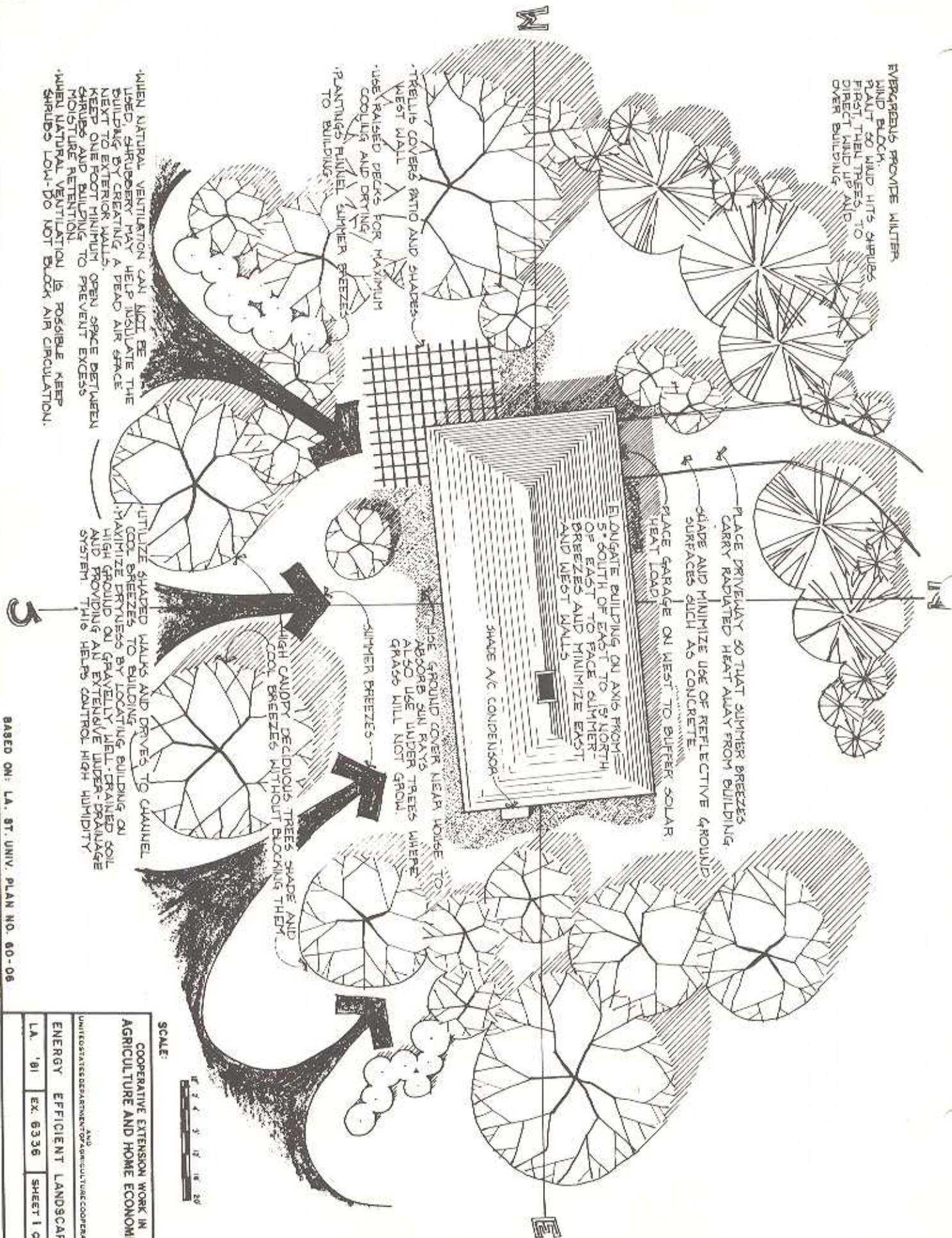
WHEN NATURAL VENTILATION CAN NOT BE USED, SHRUBBERY MAY HELP INSULATE THE BUILDING BY CREATING A DEAD AIR SPACE NEXT TO EXTERIOR WALLS.
 KEEP ONE FOOT MINIMUM OPEN SPACE BETWEEN SHRUBS AND BUILDING TO PREVENT EXCESS MOISTURE RETENTION.
 WHEN NATURAL VENTILATION IS POSSIBLE KEEP SHRUBS LOW-DO NOT BLOCK AIR CIRCULATION.

PLACE DRIVEWAY SO THAT SUMMER BREEZES CARRY RADIATED HEAT AWAY FROM BUILDING.
 SHADE AND MINIMIZE USE OF REFLECTIVE SURFACES SUCH AS CONCRETE.
 PLACE GARAGE ON WEST TO BUFFER SOLAR HEAT LOAD.

ELONGATE BUILDING ON AXIS FROM 5° SOUTH OF EAST TO 15° NORTH OF EAST TO FACE SUMMER BREEZES AND MINIMIZE EAST AND WEST WALLS.
 SHADE A/C CONDENSOR.

USE GROUND COVER NEAR HOUSE TO ADOPT SUN RAYS TREES WHERE ALSO USE UNDER GROW. GRASS WILL NOT GROW.
 SUMMER BREEZES.

UTILIZE SHADED WALKS AND DRIVES TO CHANNEL COOL BREEZES TO BUILDING.
 MAXIMIZE DRYNESS BY LOCATING BUILDING ON HIGH GROUND OR GRAVELLY HILL. DRAINED SOIL AND PROVIDING AN EXTENSIVE UNDER-DRAINAGE SYSTEM. THIS HELPS CONTROL HIGH HUMIDITY.



BASED ON: LA. ST. UNIV. PLAN NO. 60-06

SCALE:



COOPERATIVE EXTENSION WORK IN AGRICULTURE AND HOME ECONOMICS

UNIVERSITY OF MISSISSIPPI

ENERGY EFFICIENT LANDSCAPE

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