



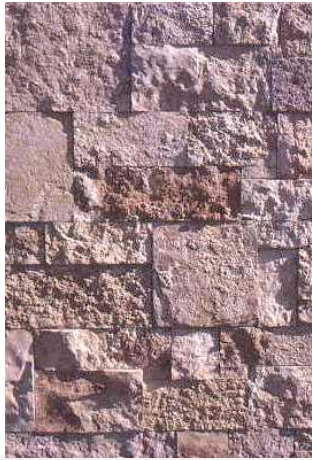
ARCHITECTURAL DESIGN

An Introduction to Principles and Tools

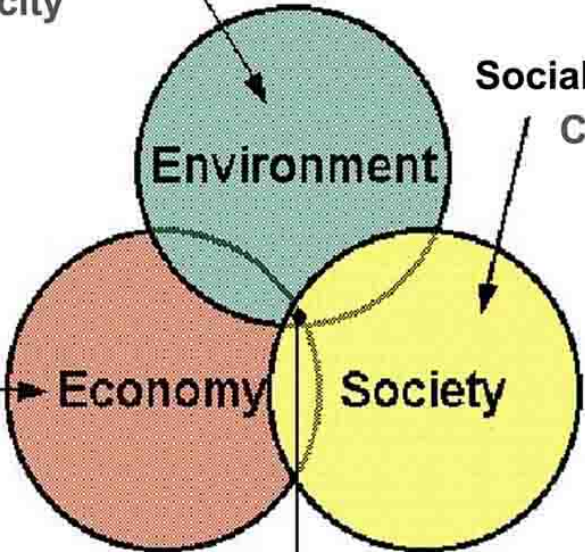
Dr. S.A. Sheta

December 2005

DESIGN For SUSTAINABILITY



Environmental Sustainability
Ecosystem Integrity
Carrying Capacity
Biodiversity

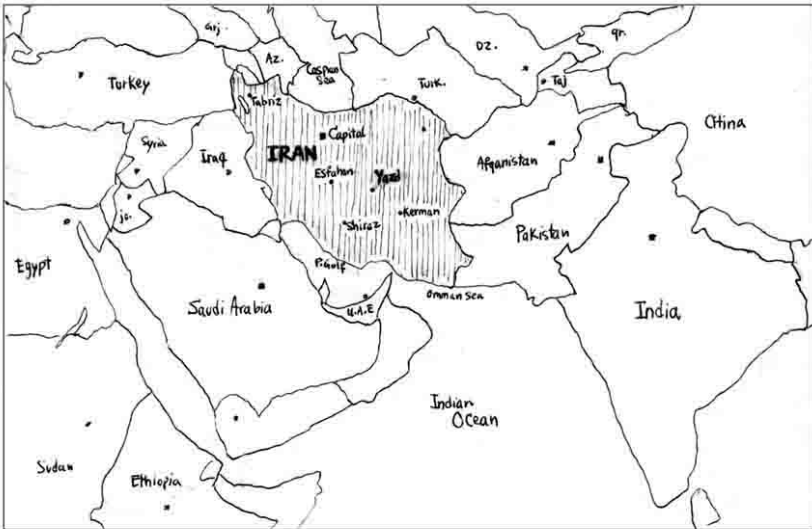


Social Sustainability
Cultural Identity
Impowerment
Accessibility
Stability
Equity

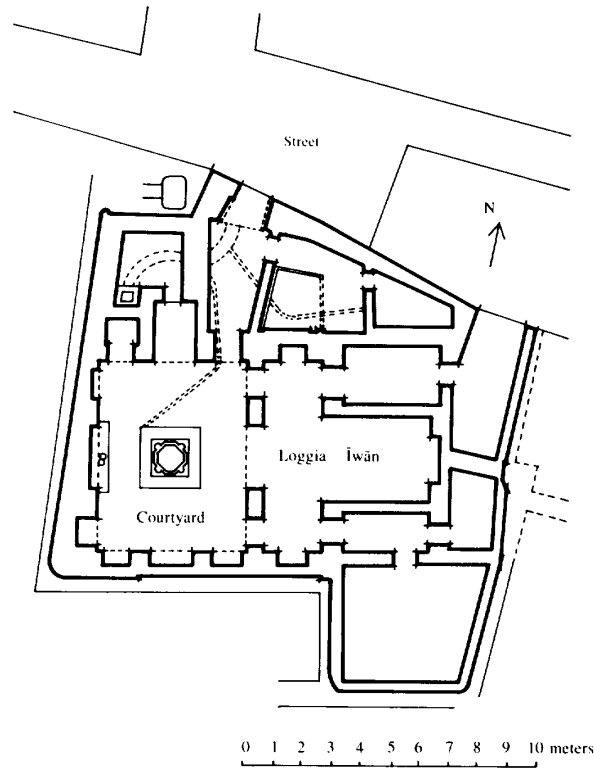
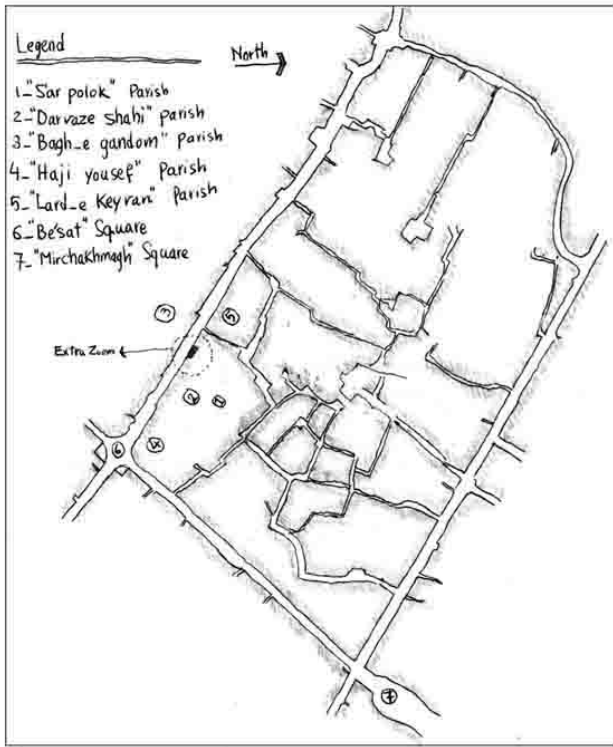
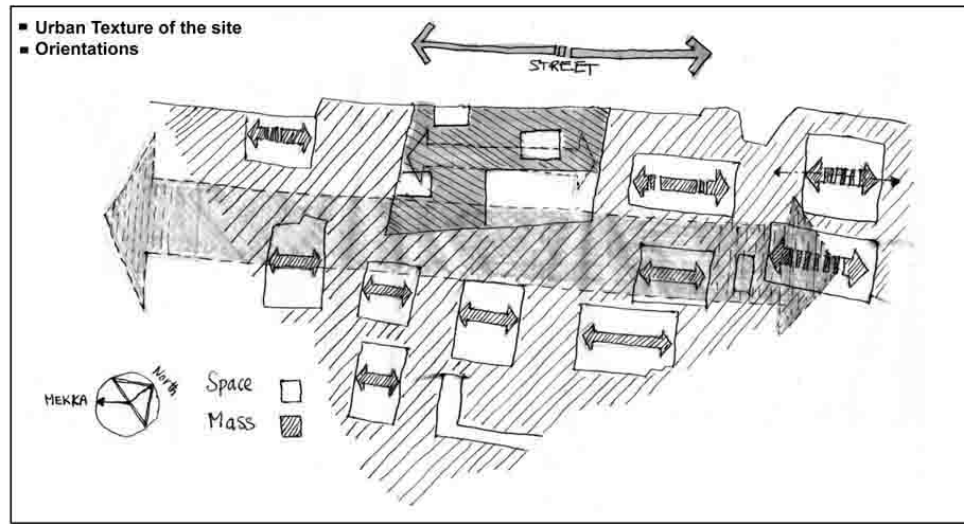
Economical Sustainability
Growth
Development
Trickle-down
Productivity

Human Well Being





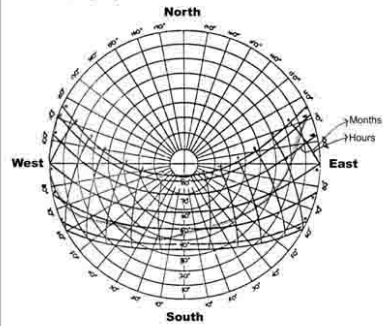
Middle East
Sc: 1/35 Million



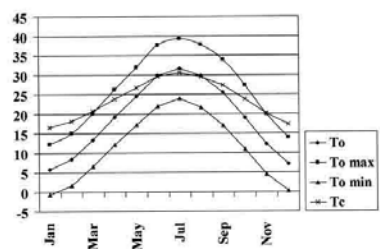
PRE-DESIGN

Stereographic Diagram

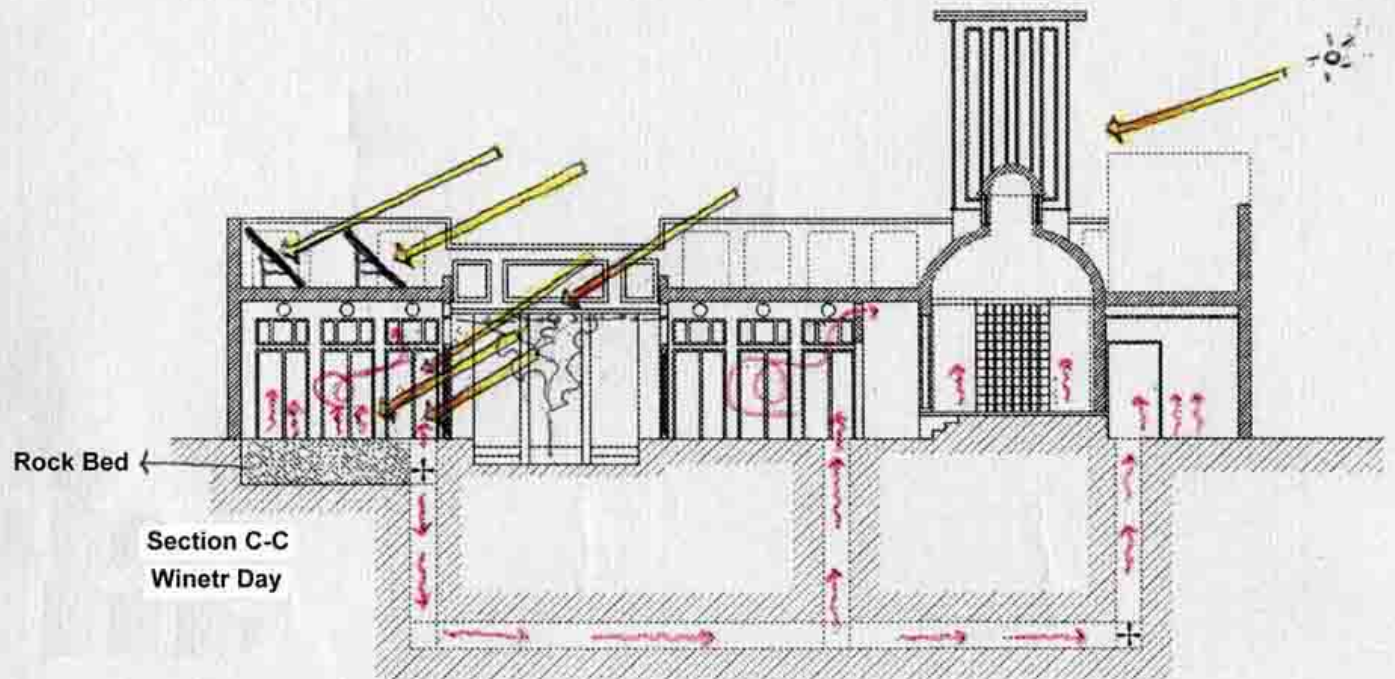
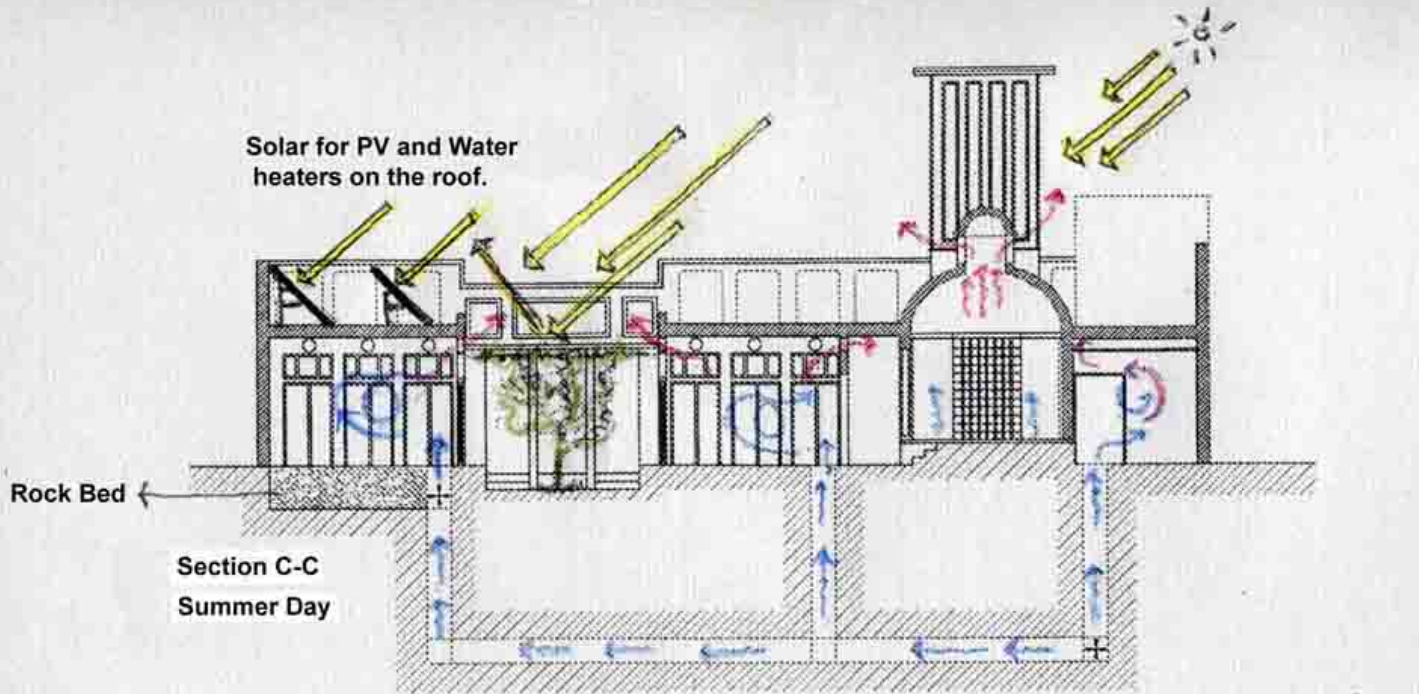
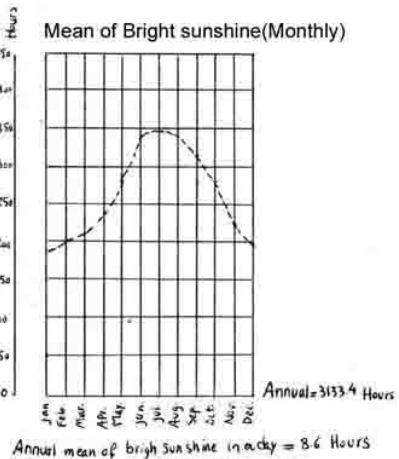
Location: 32, 54 (Yazd)



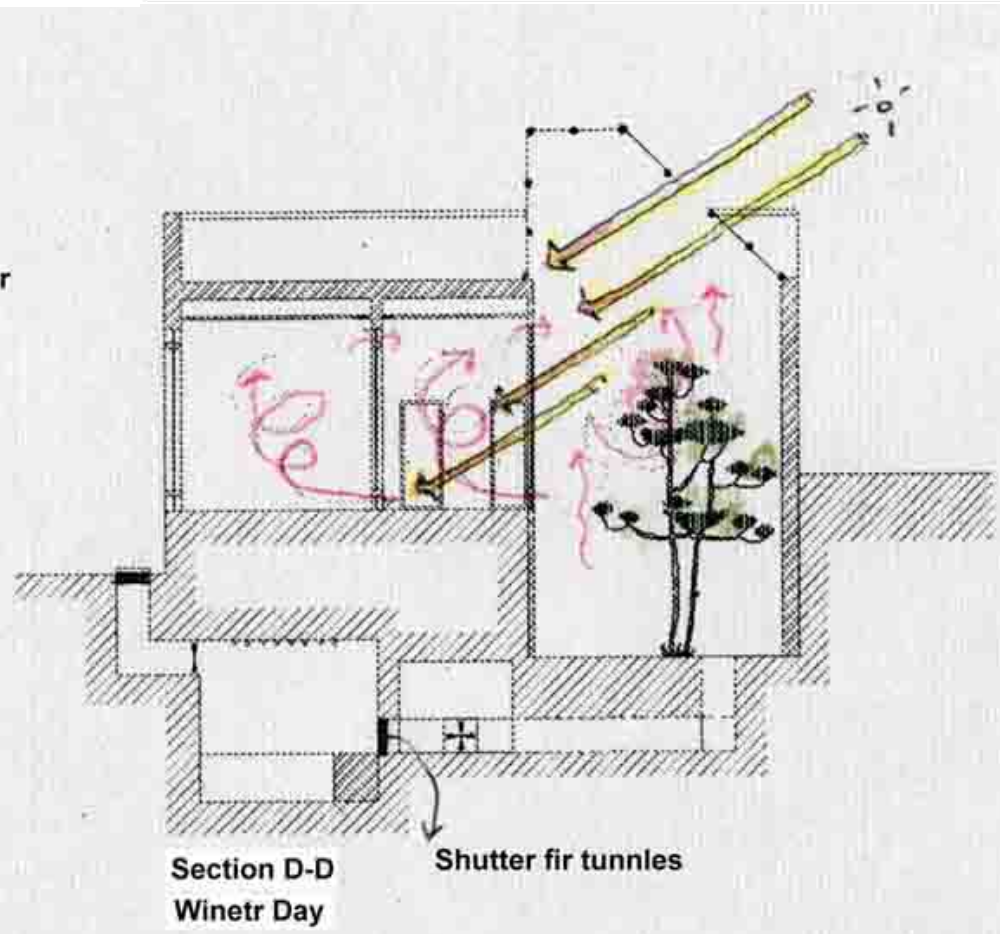
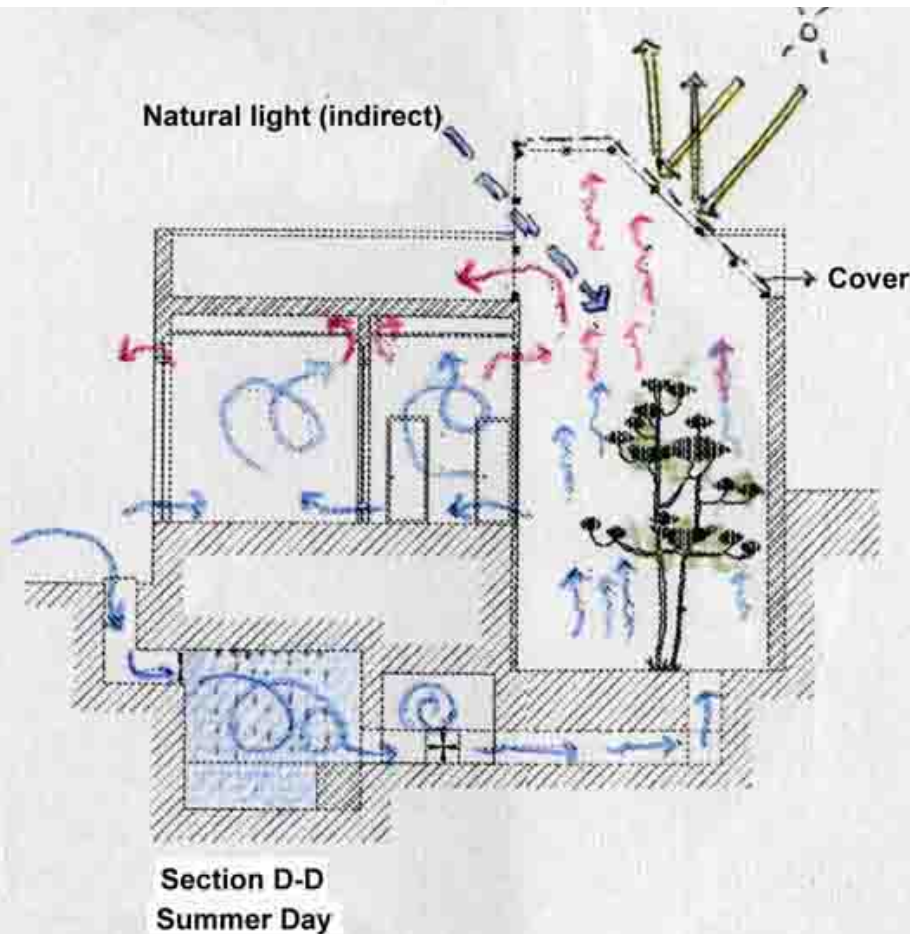
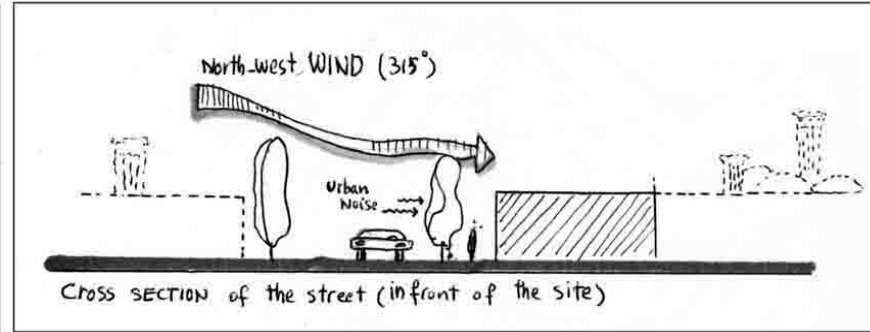
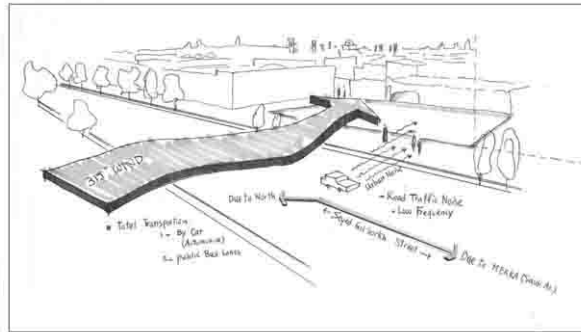
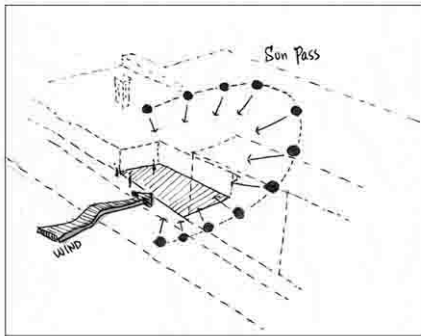
Comfort Temperatures for Yazd, IRAN

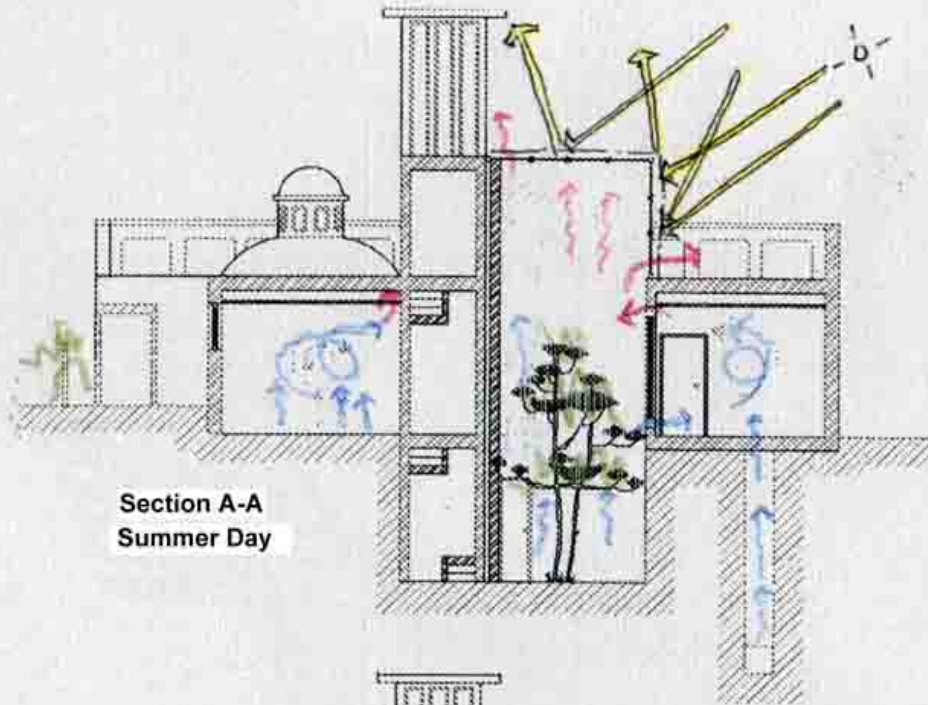


Mean of Bright sunshine (Monthly)

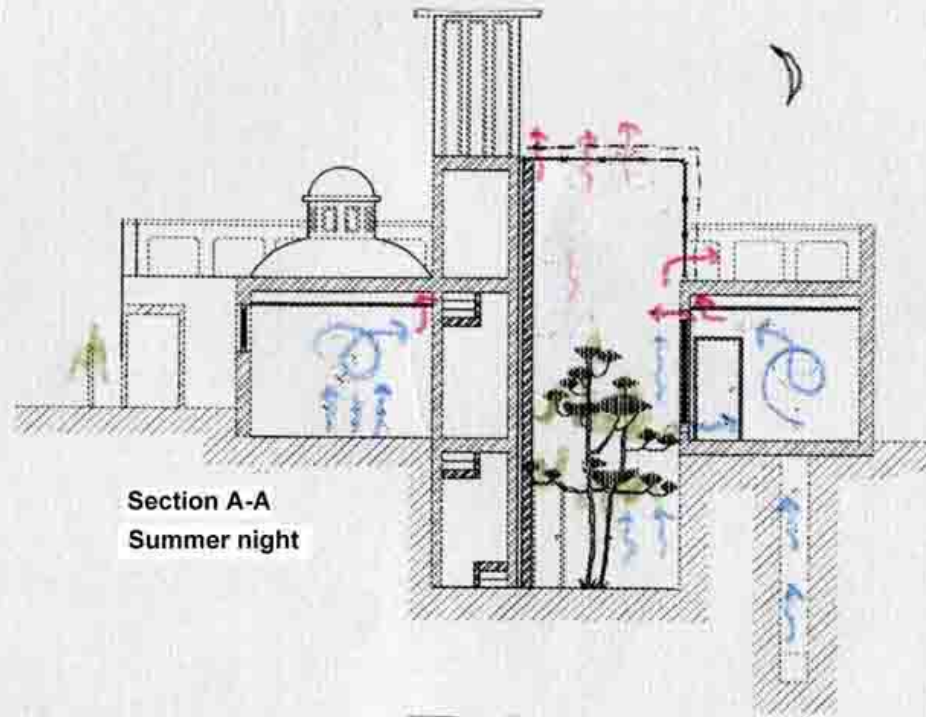


ENVIRONMENTAL STUDIES

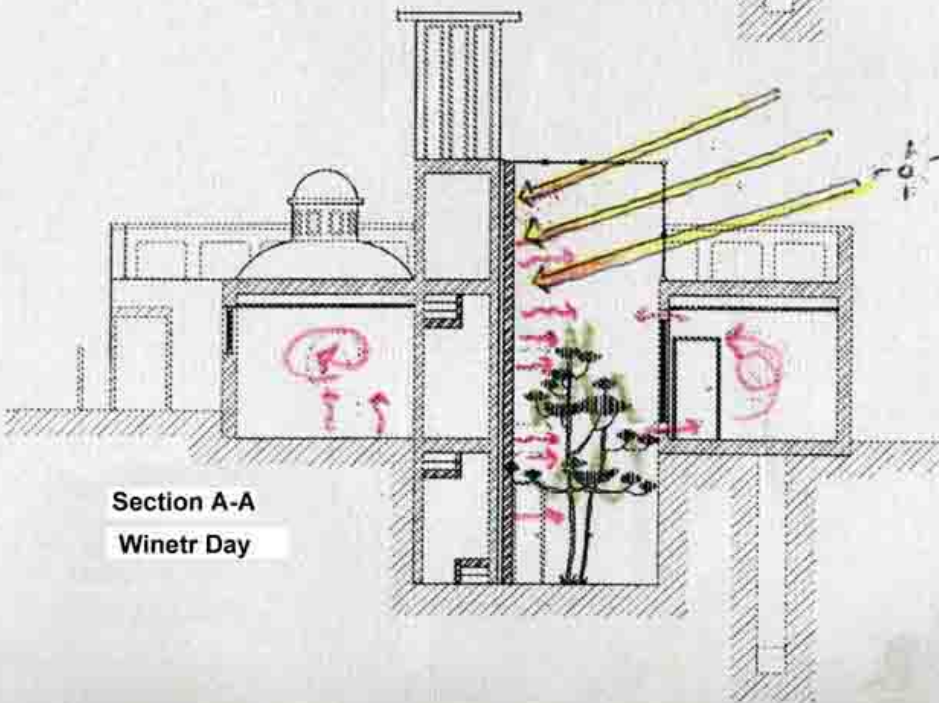




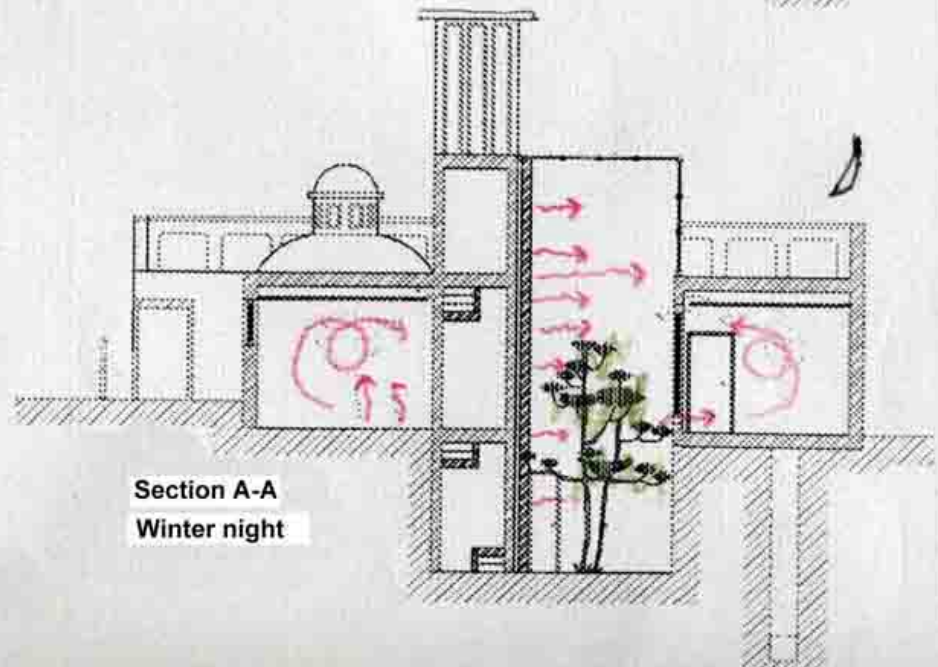
Section A-A
Summer Day



Section A-A
Summer night



Section A-A
Winter Day

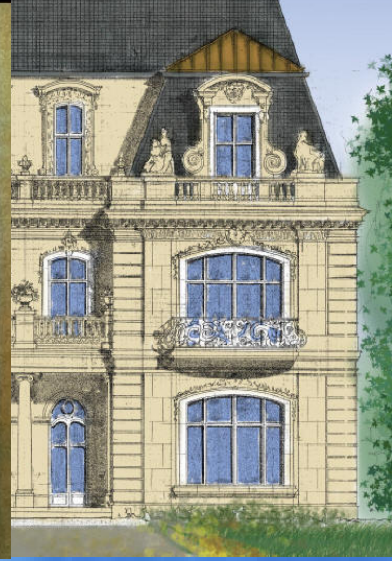


Section A-A
Winter night

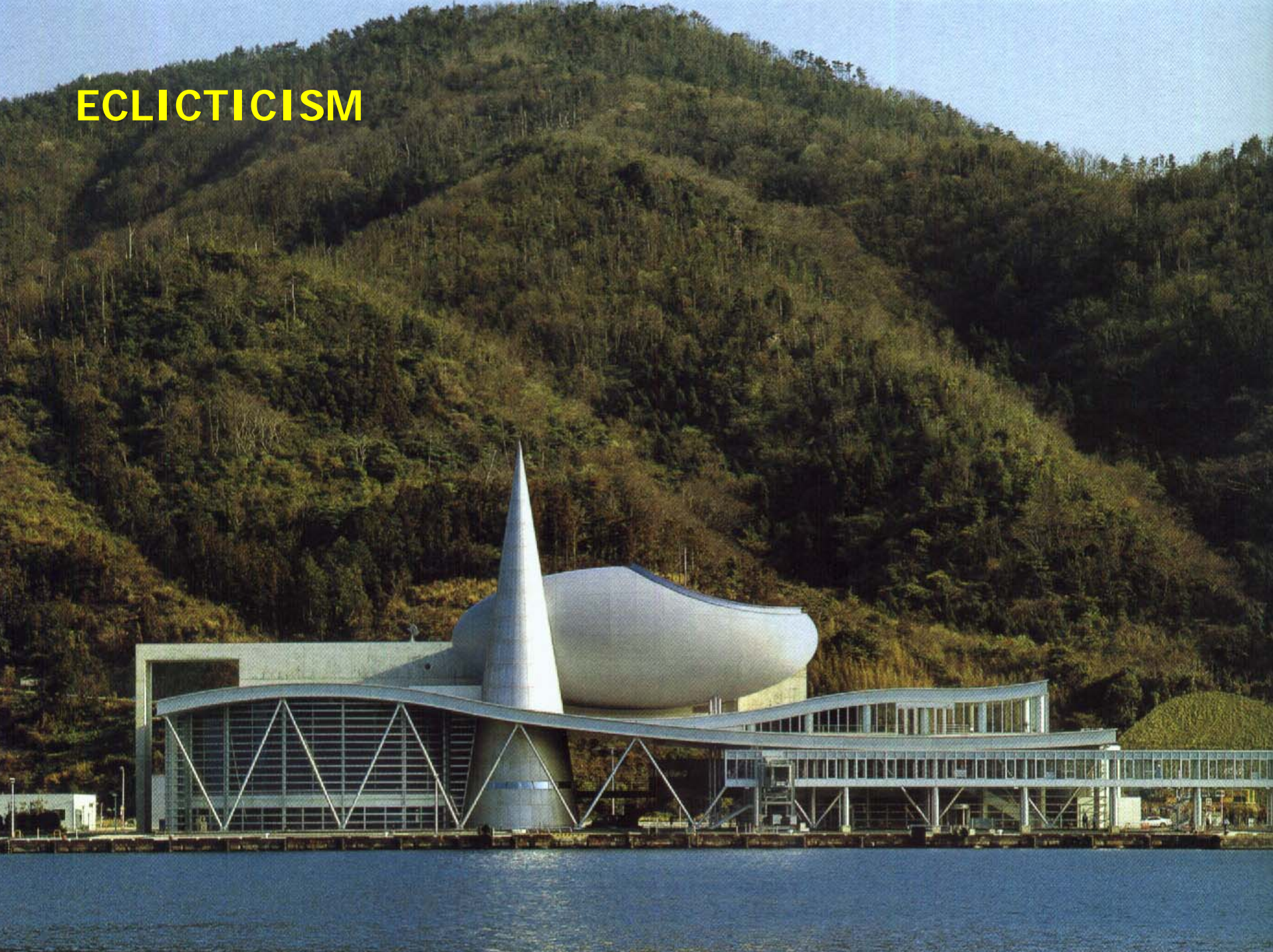
FAÇADE TREATMENT: STYLES IN DEBATE







ECLICTICISM









FORMS, COLORS & SYNTHESSES





Mass Premiere Soccer



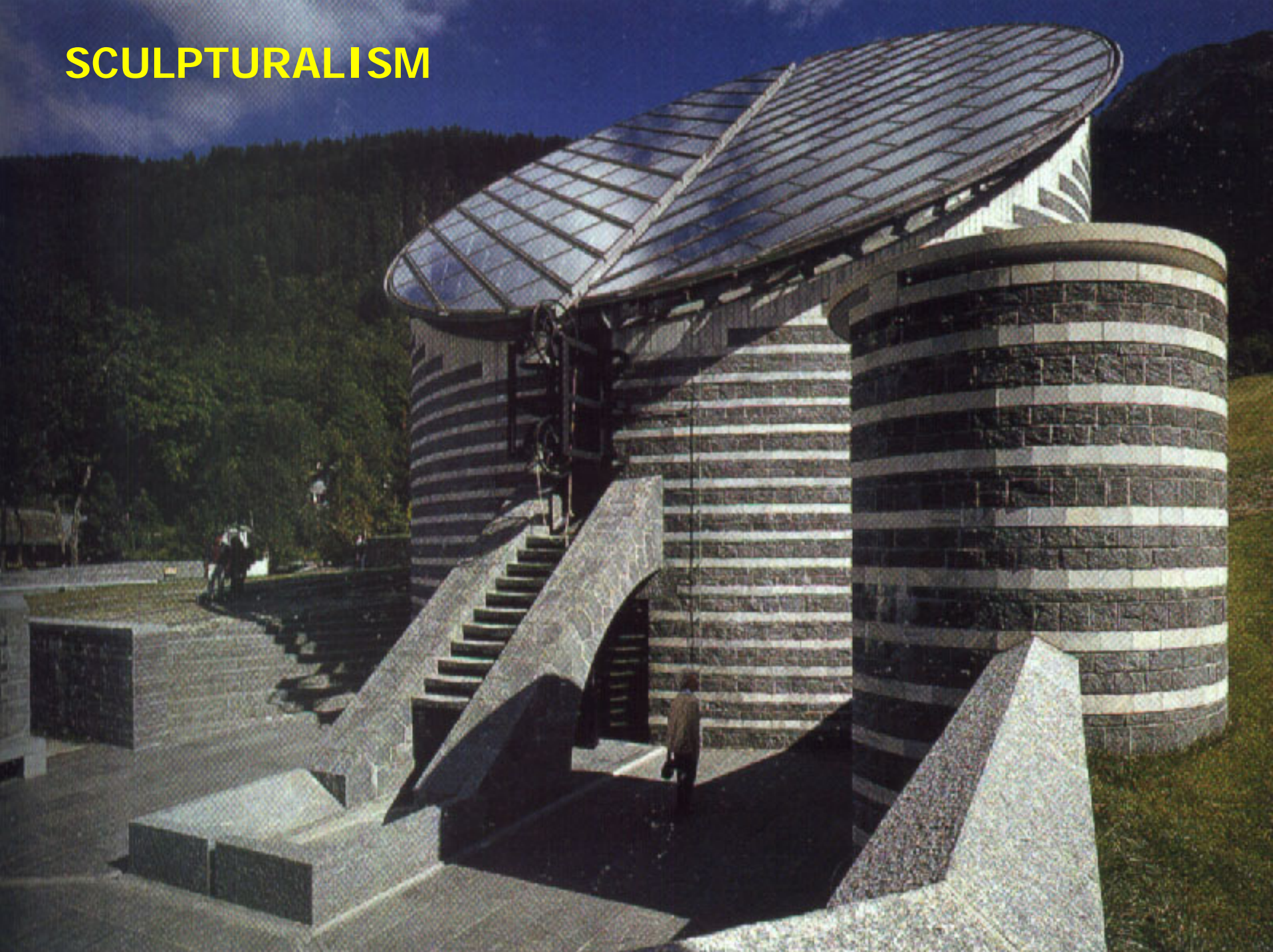




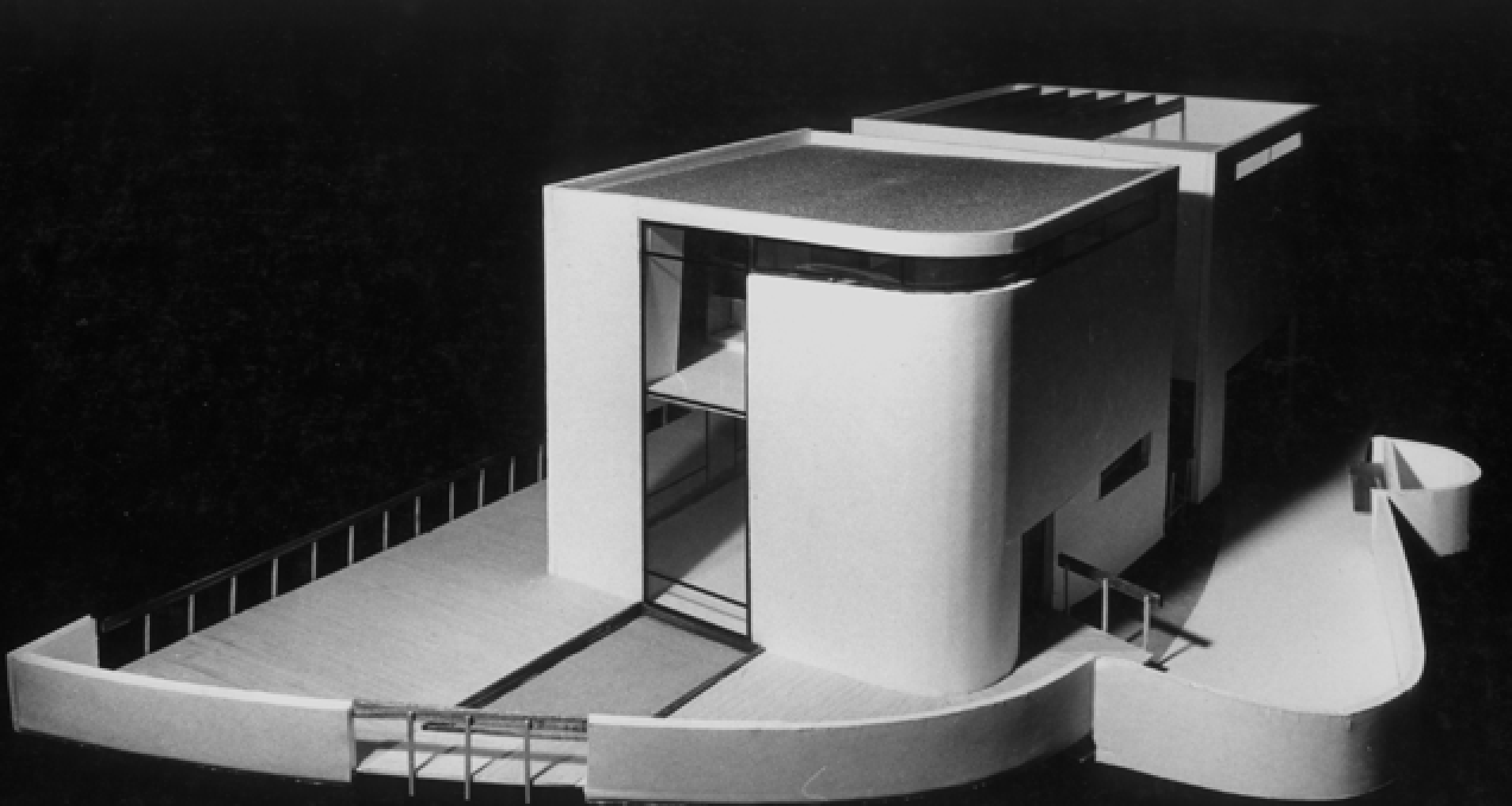


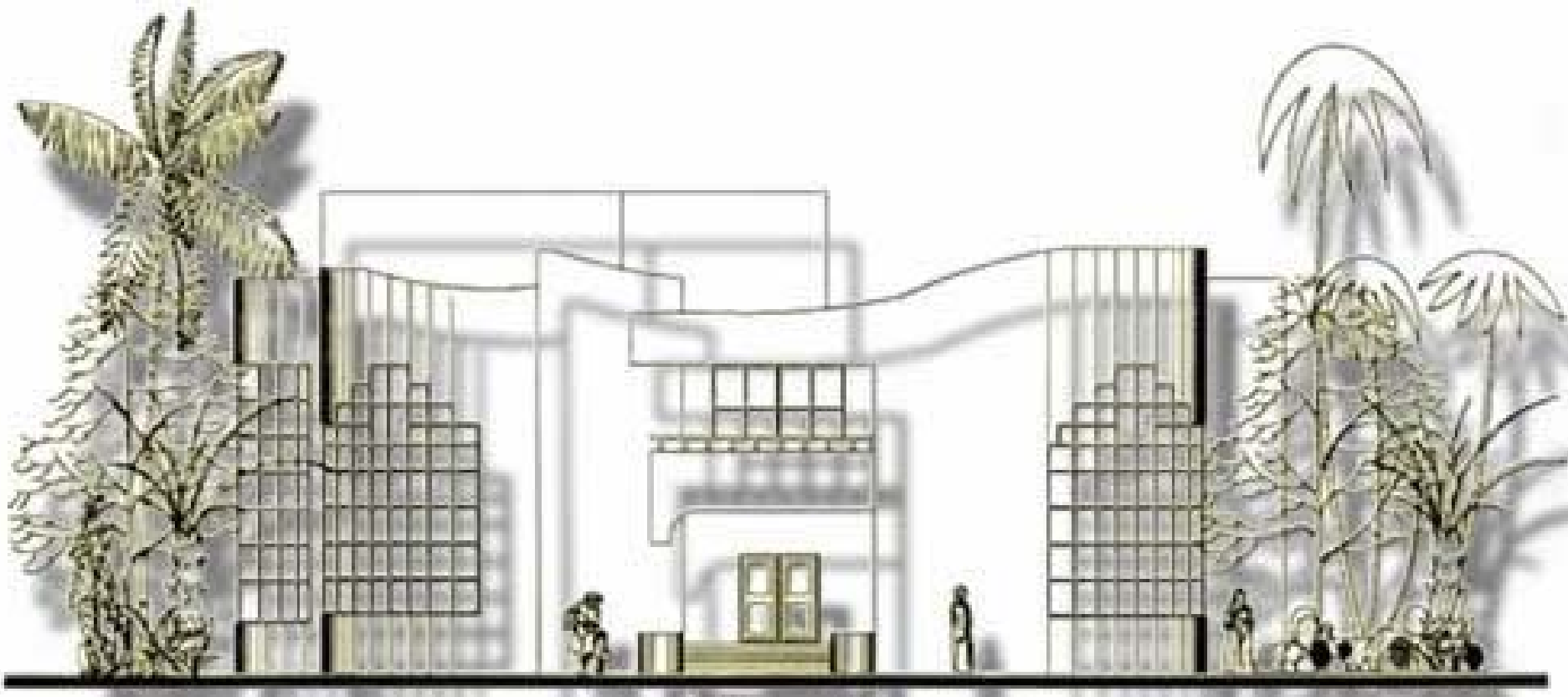


SCULPTURALISM



SIMPLICITY





ENVIRONMENTAL CONSIDERATIONS





MERE BELLA



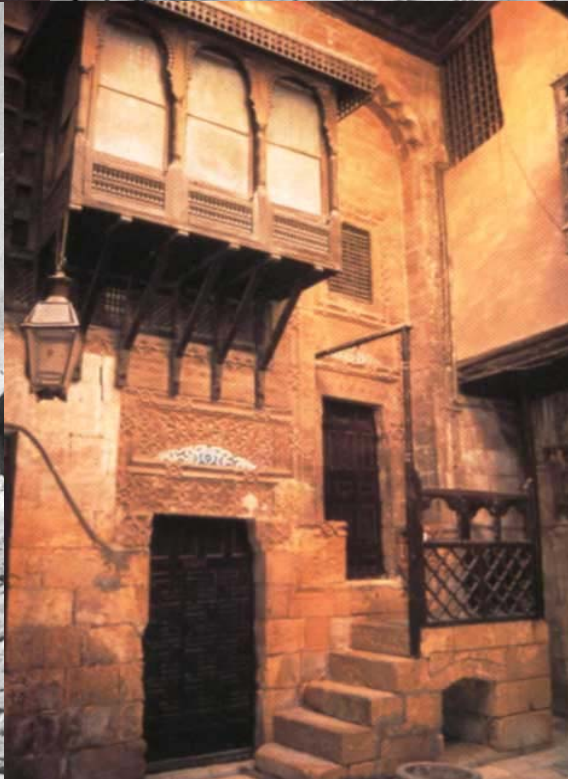
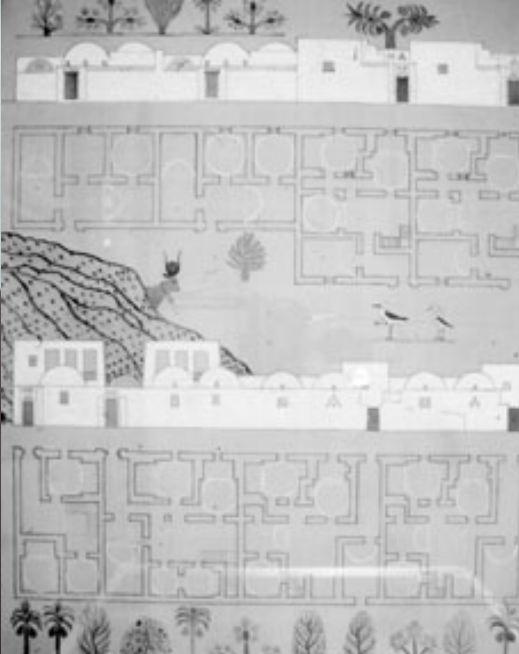


PLAYING WITH MASSES

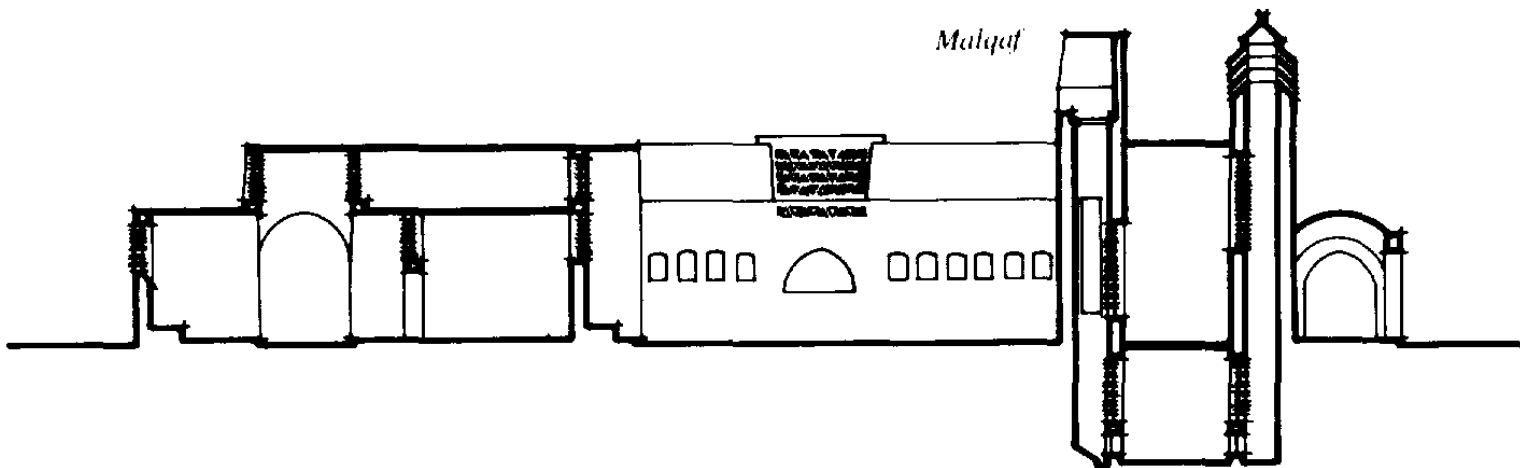
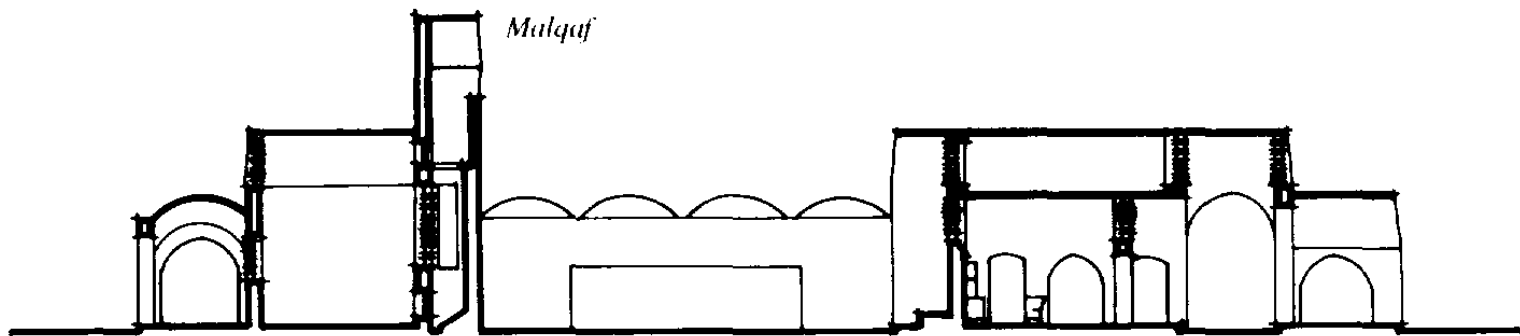
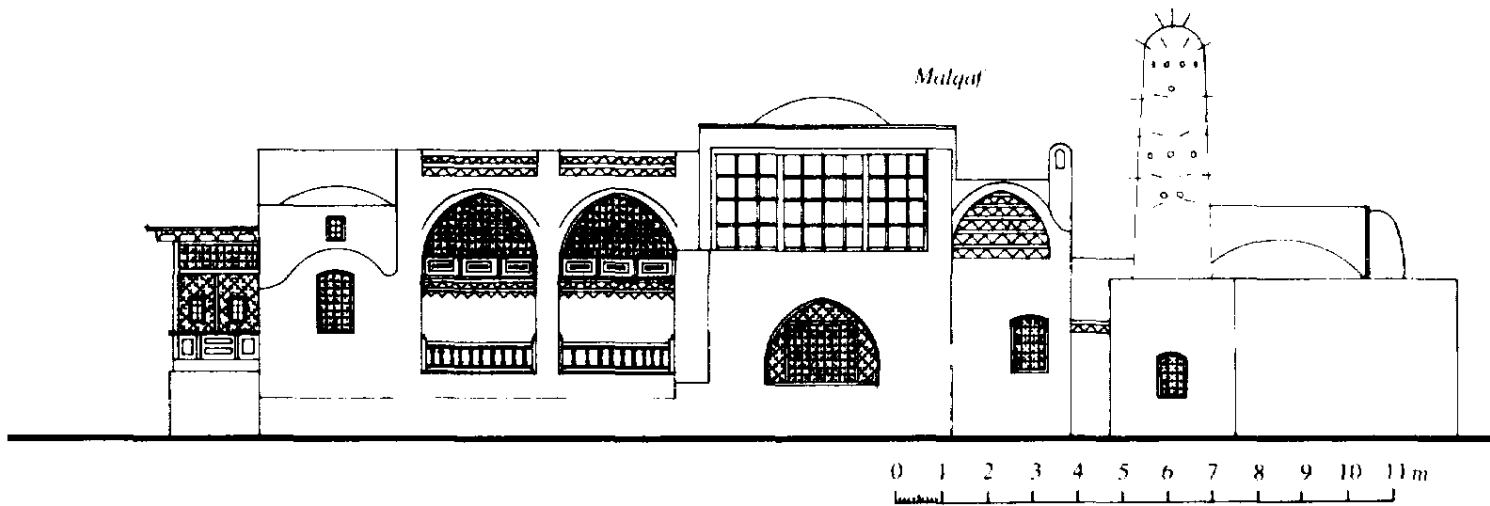


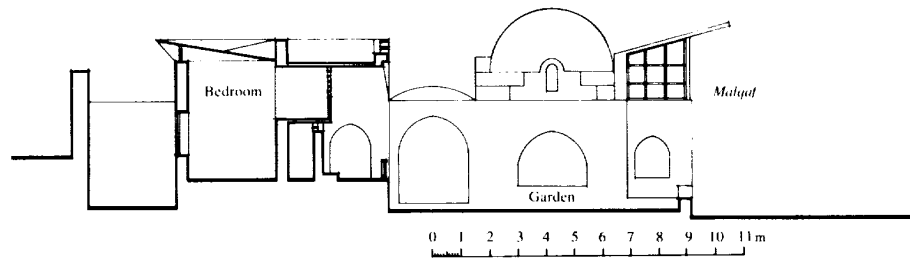
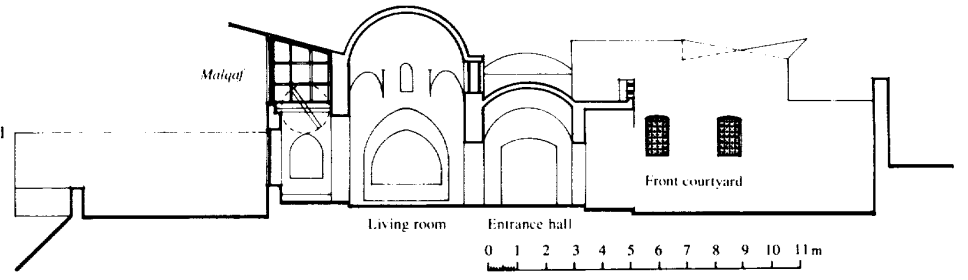
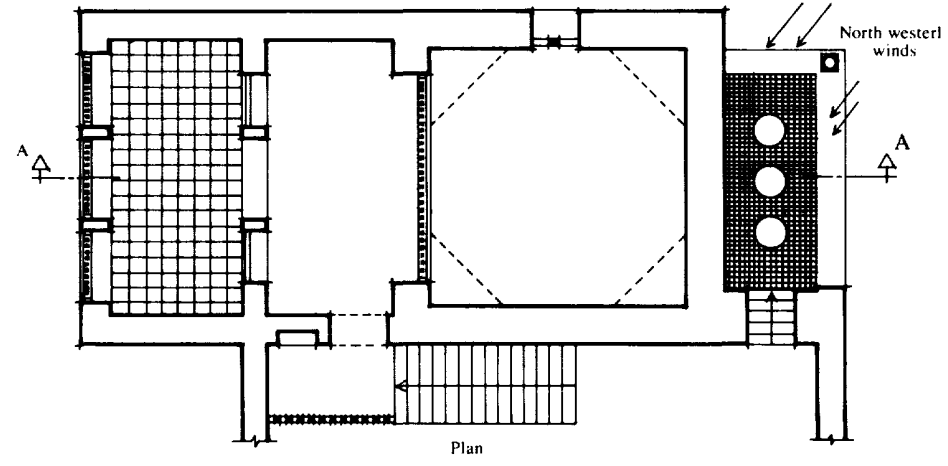
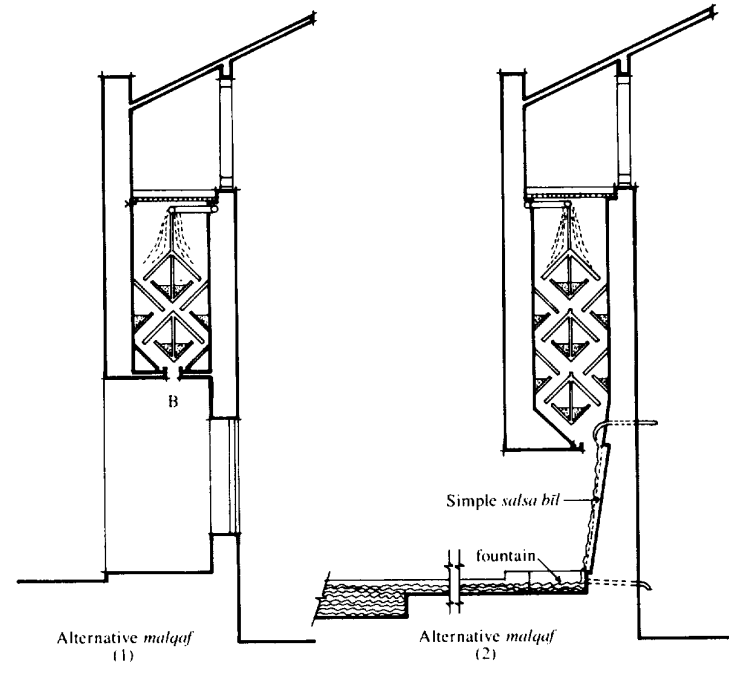
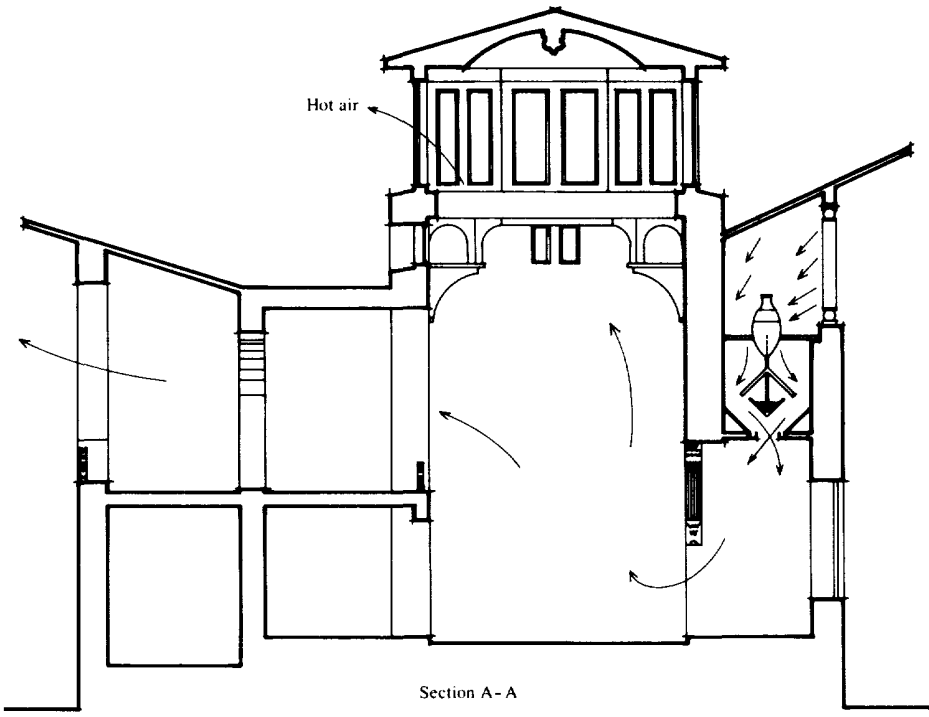
VARIATIONS IN CUBISM

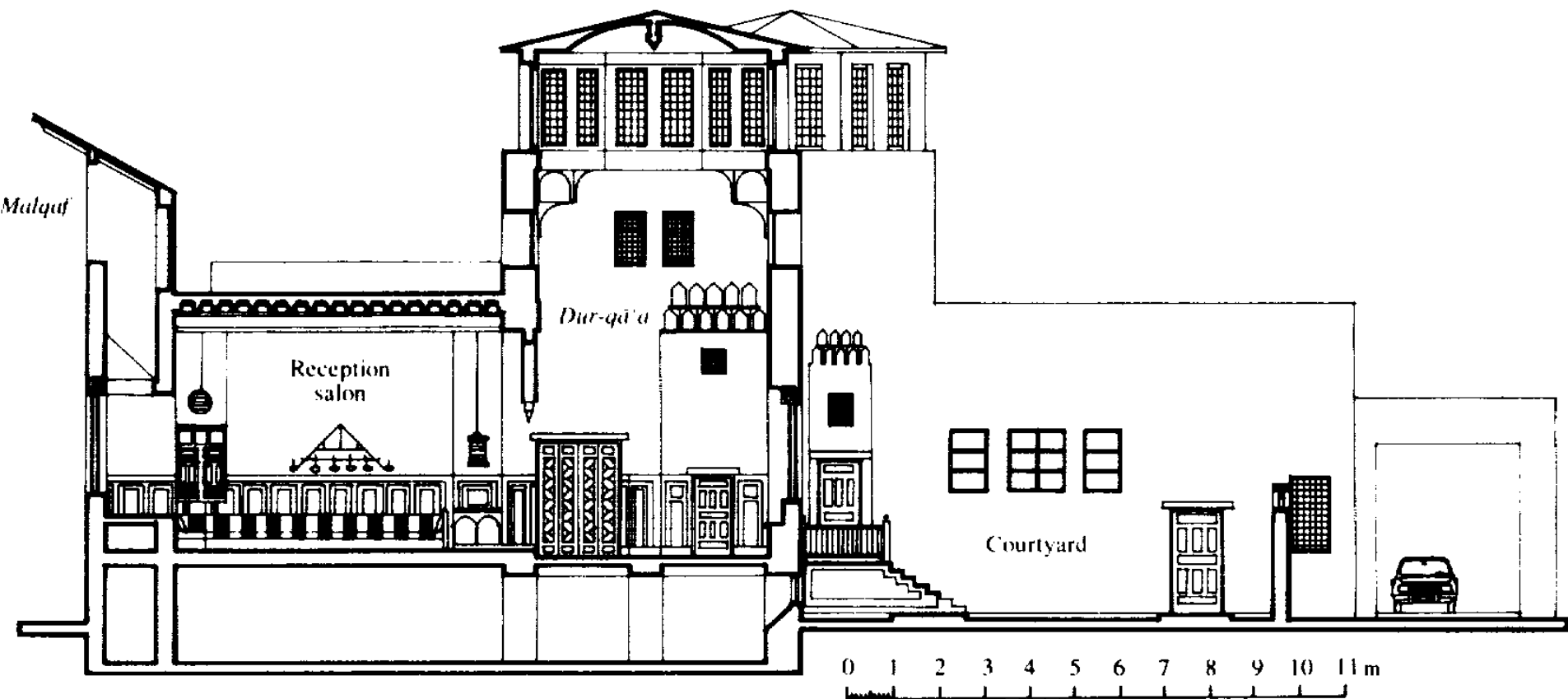


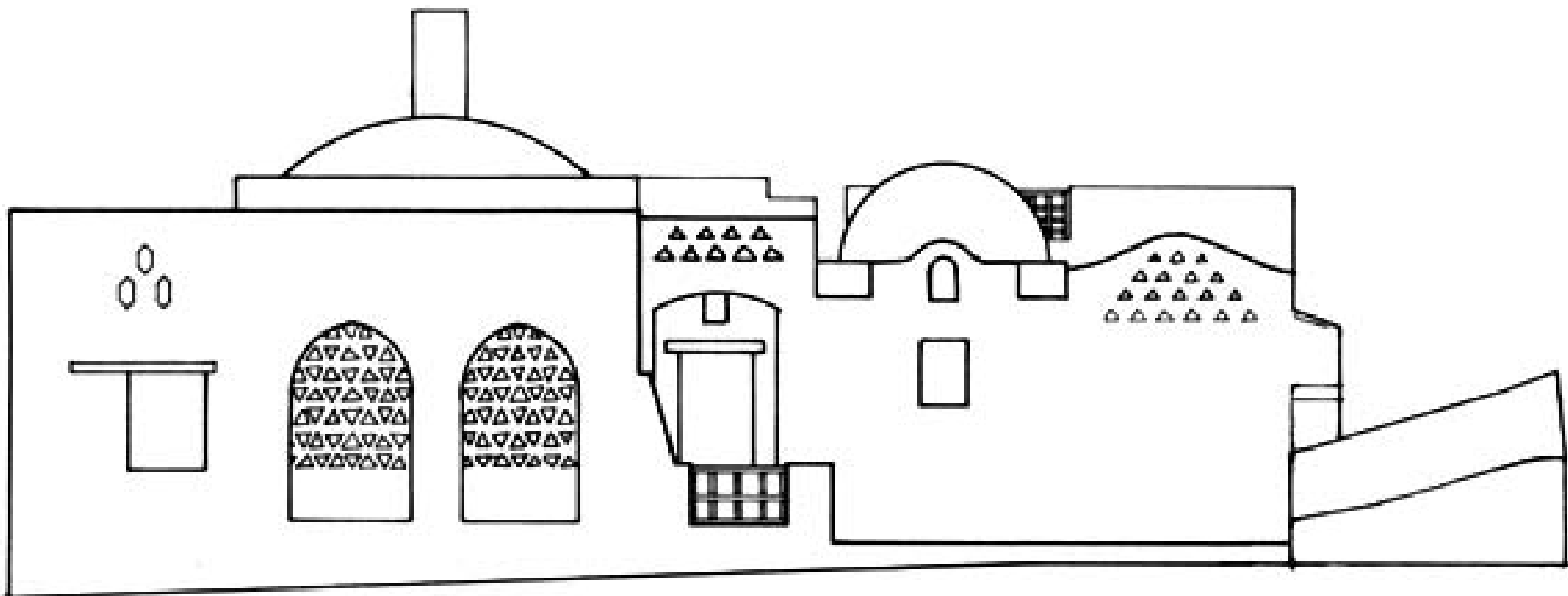
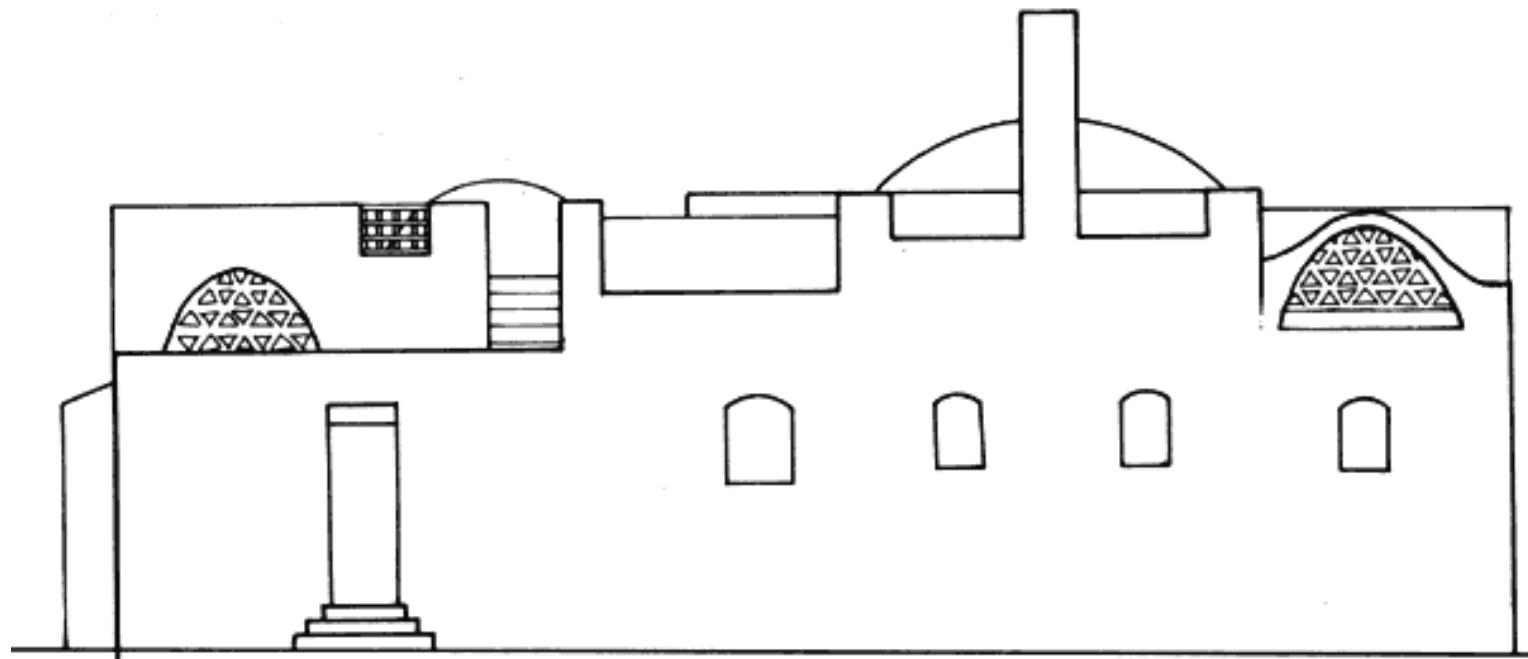












HOUSE INTERIORS



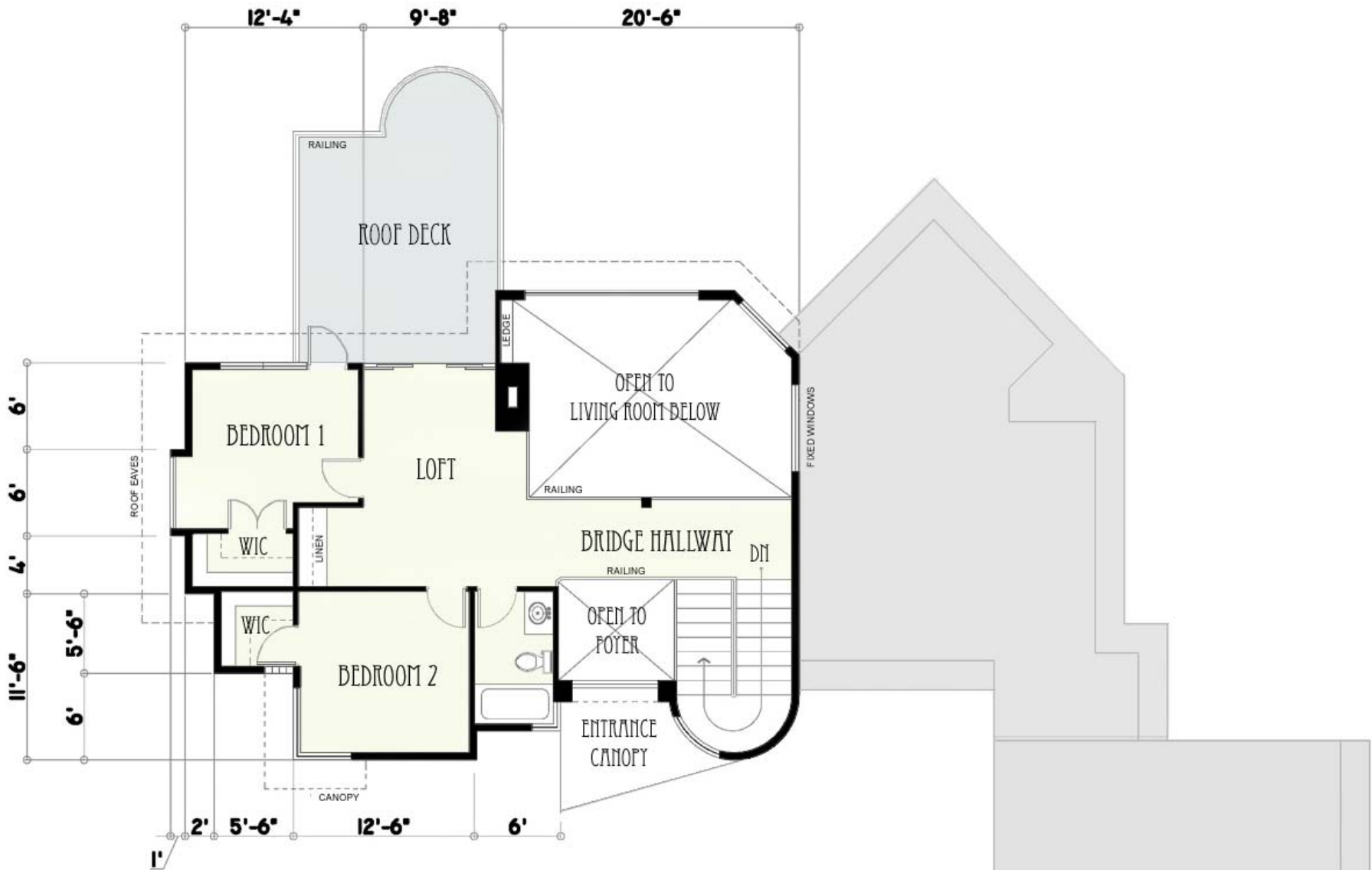




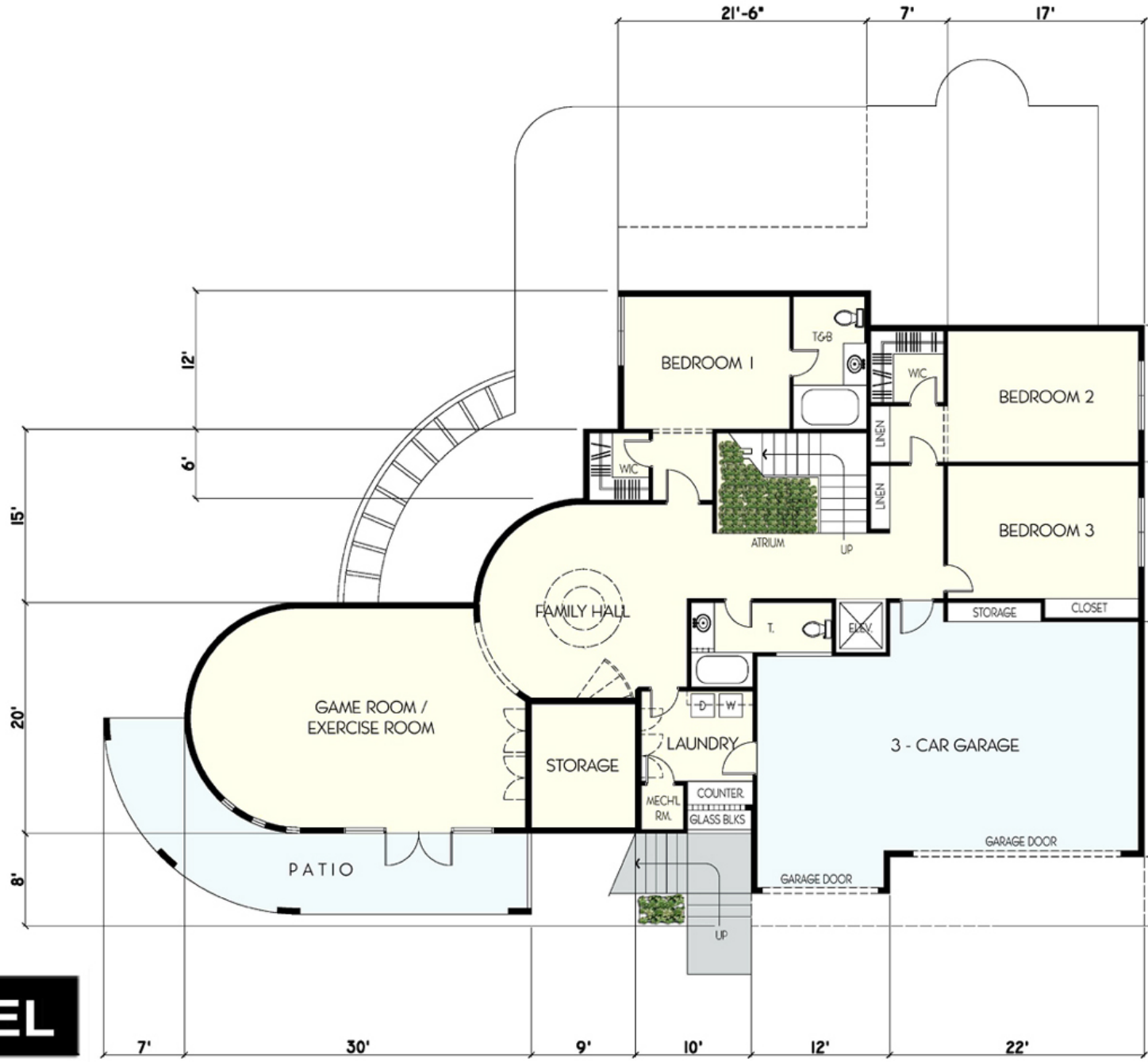








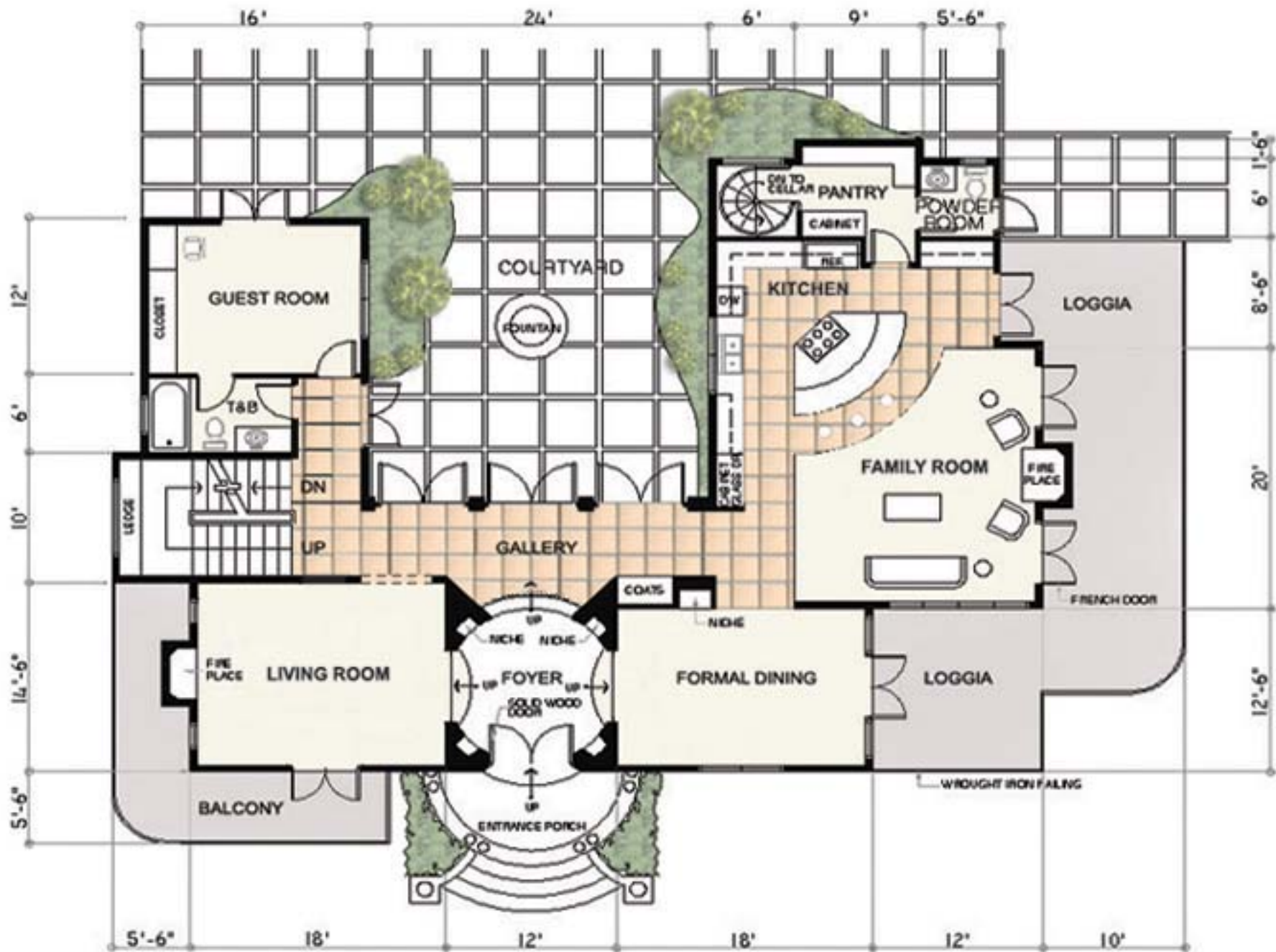
SECOND FLOOR PLAN



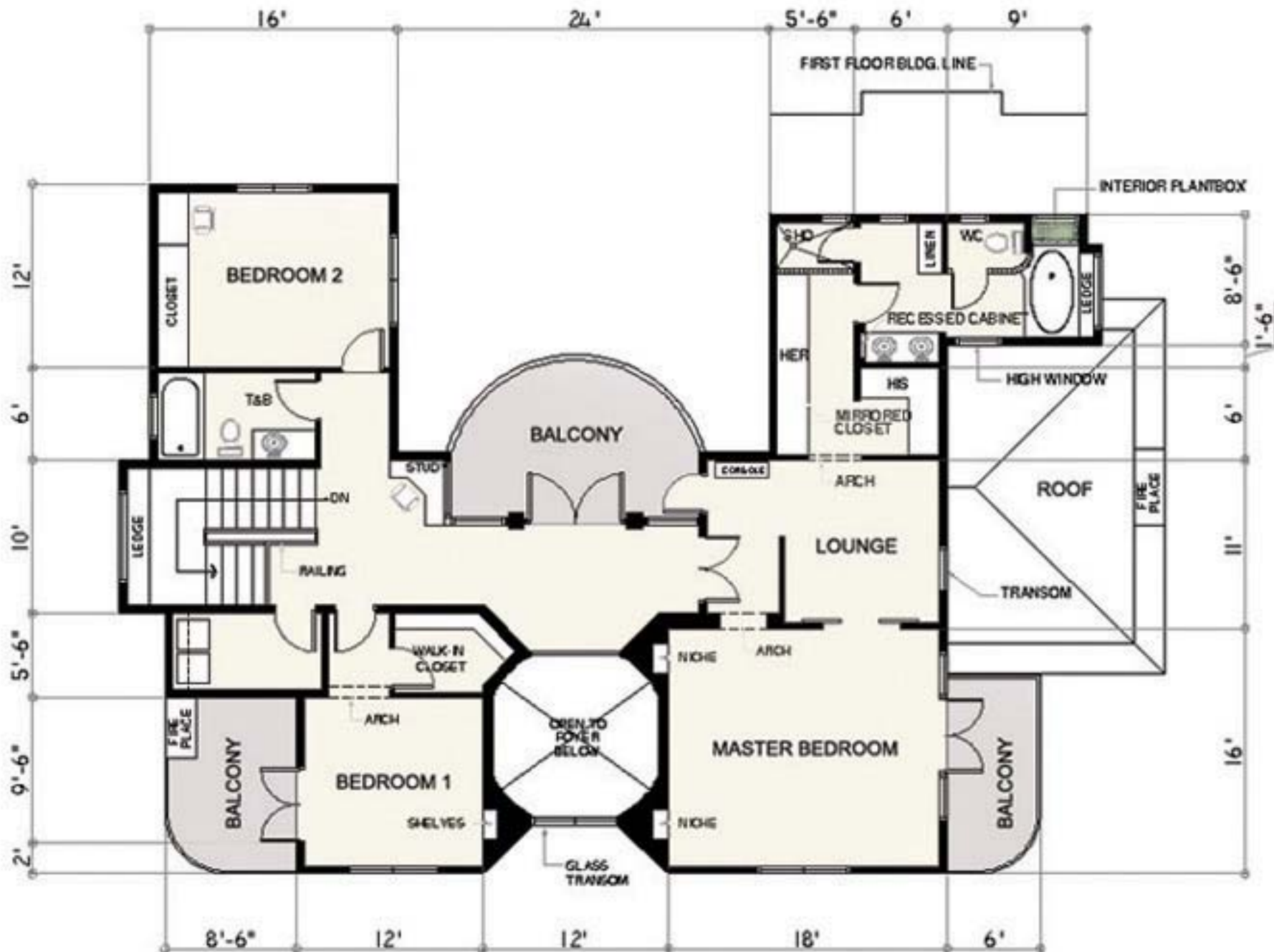
LOWER LEVEL



MAIN LEVEL



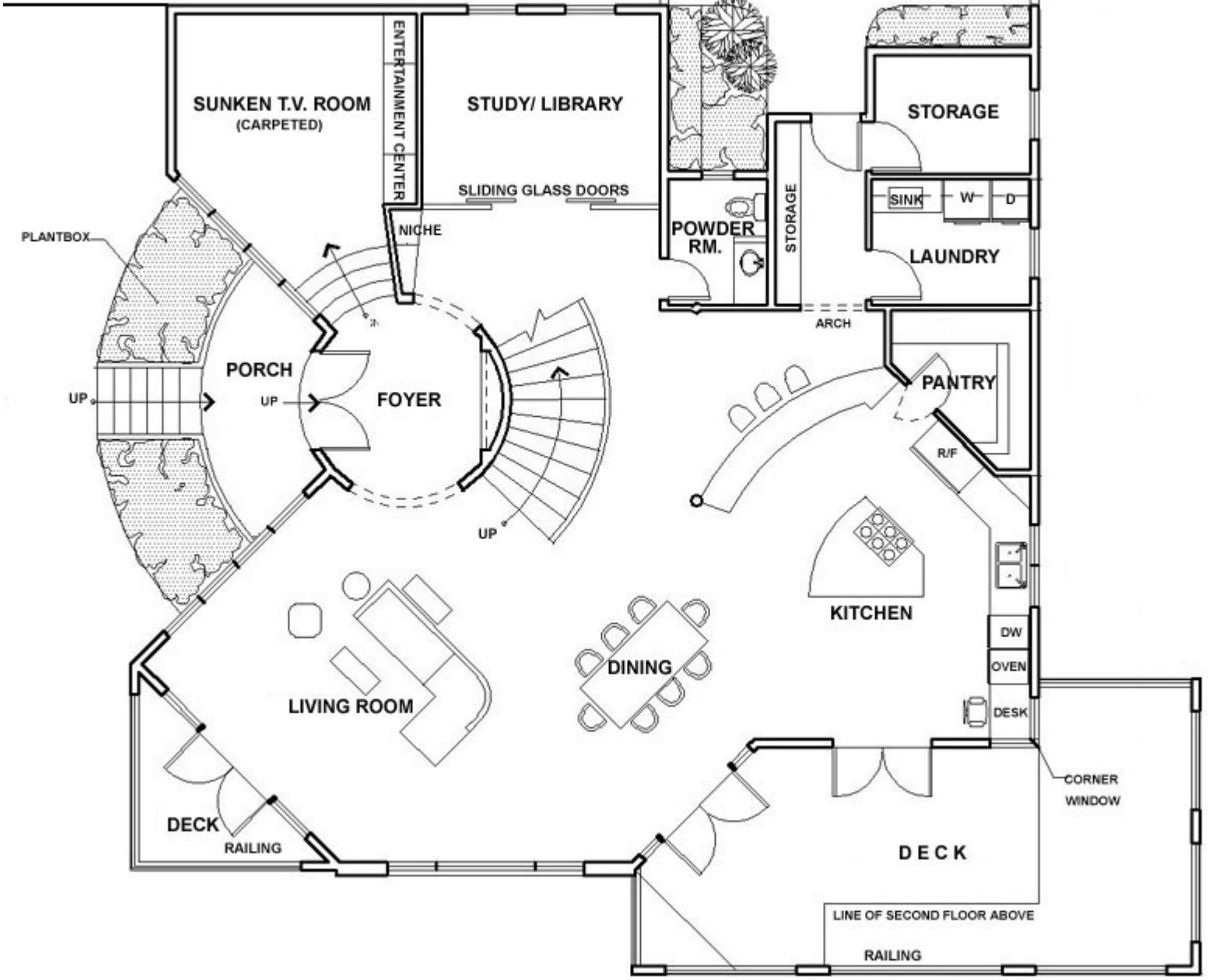
FIRST FLOOR PLAN

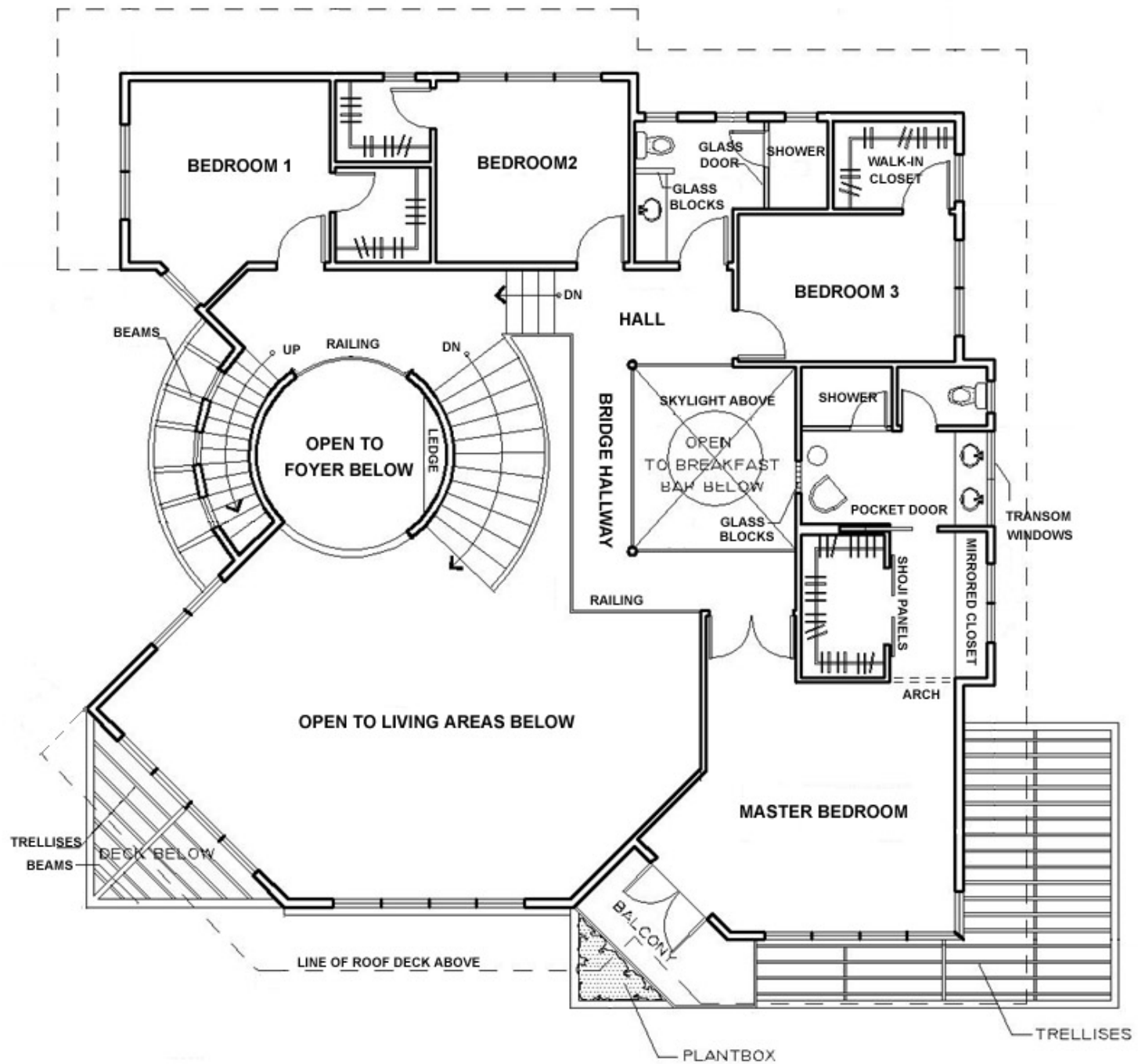


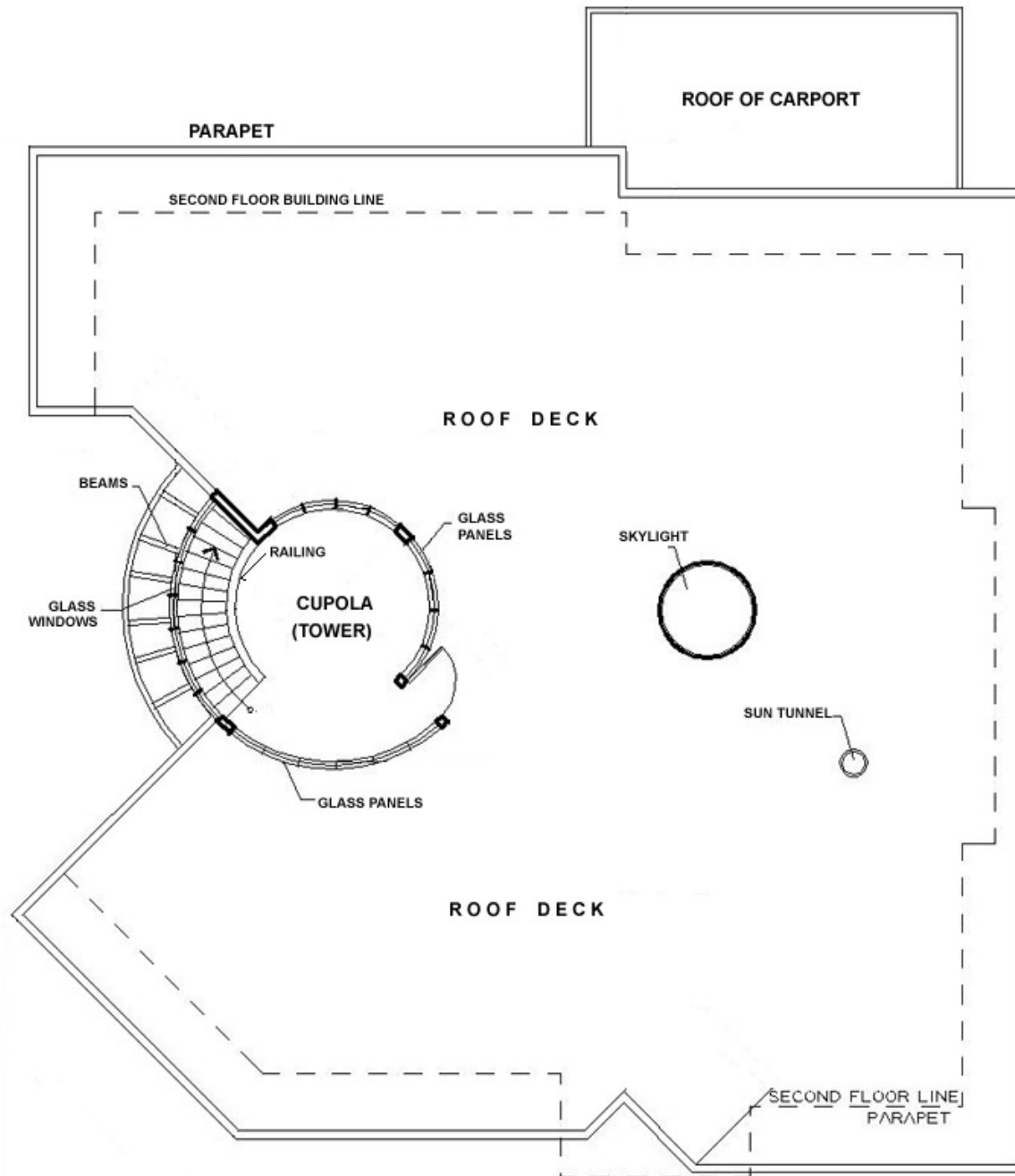
SECOND FLOOR PLAN

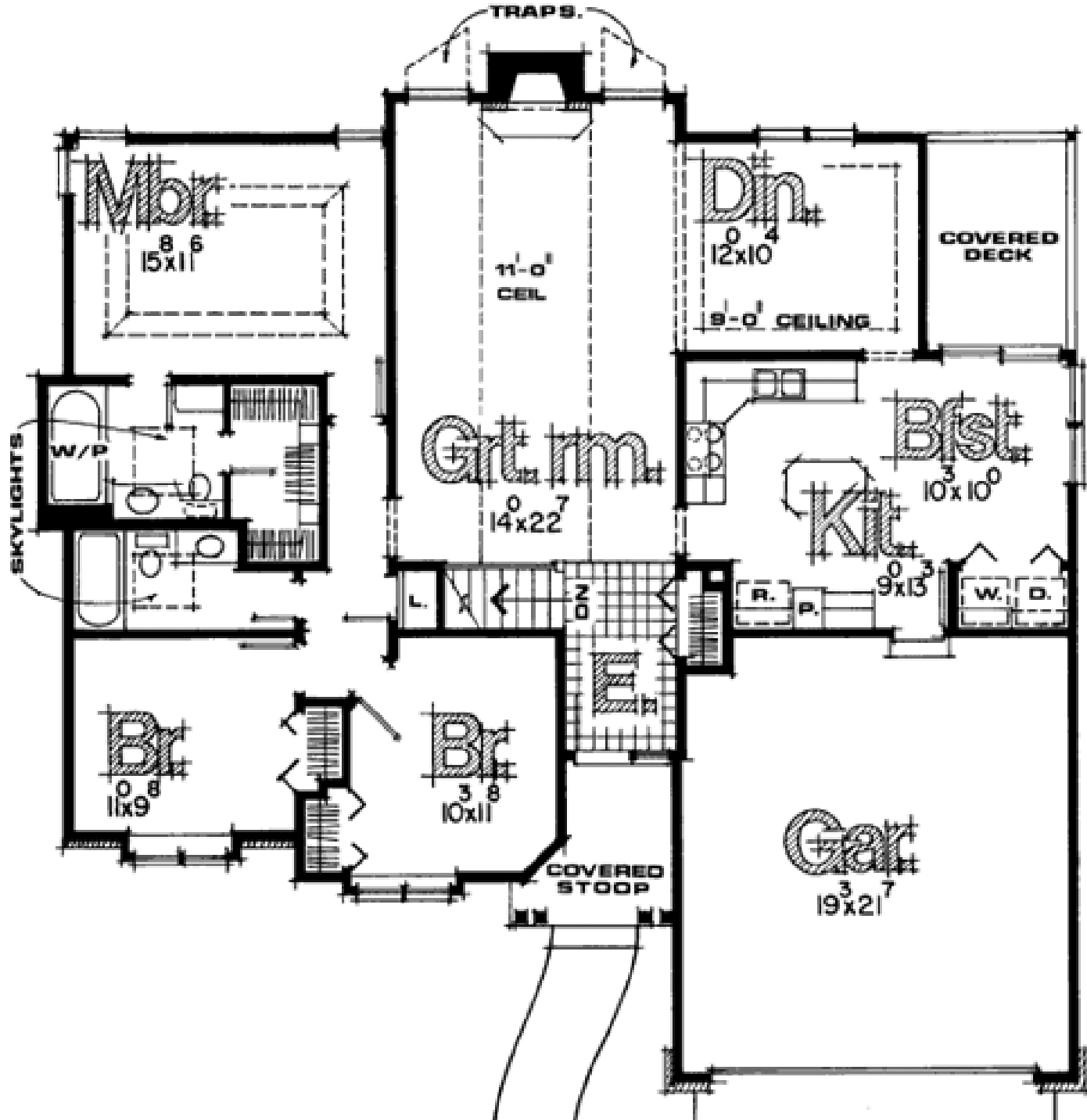
DRIVEWAY

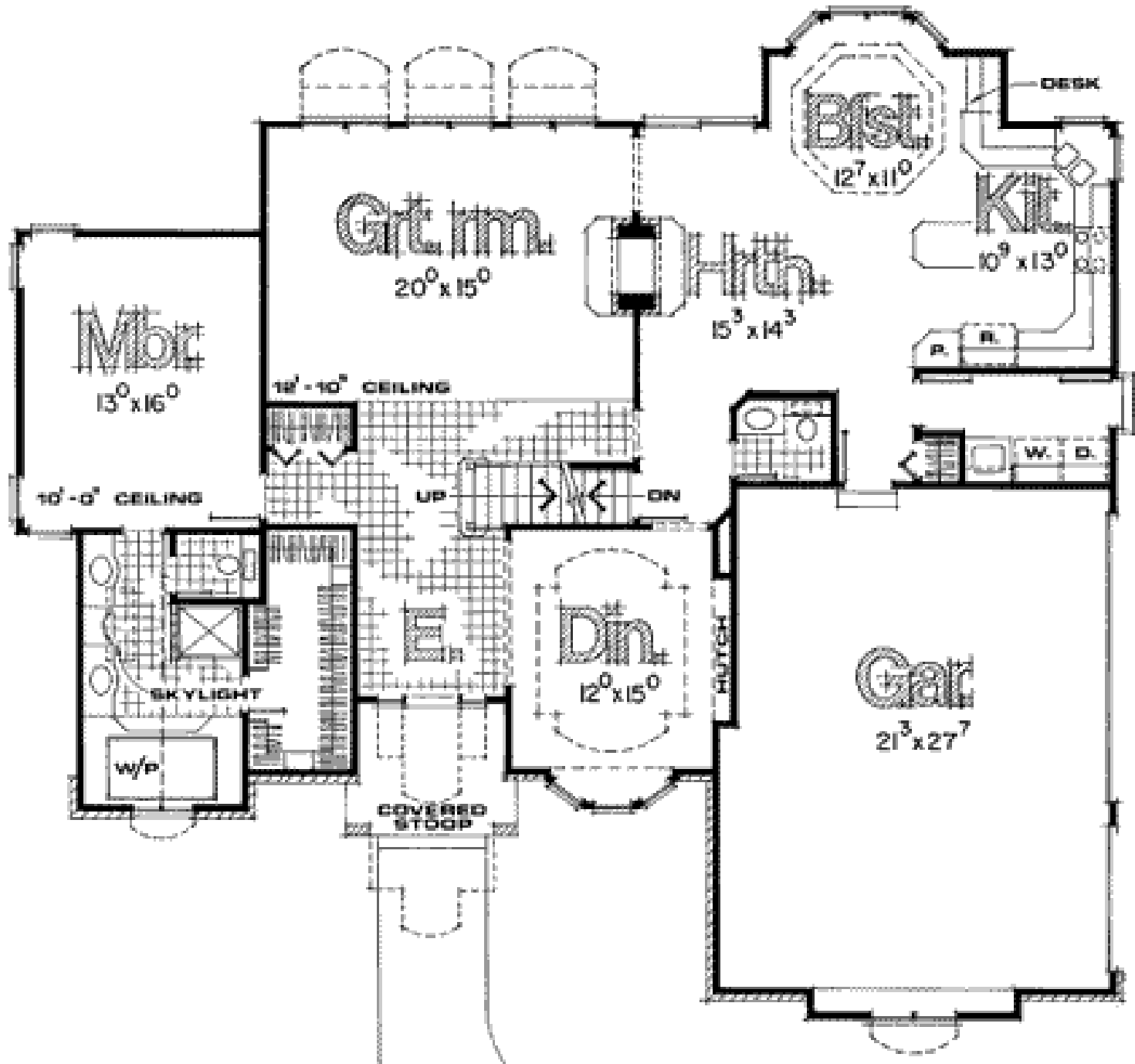
CARPORT

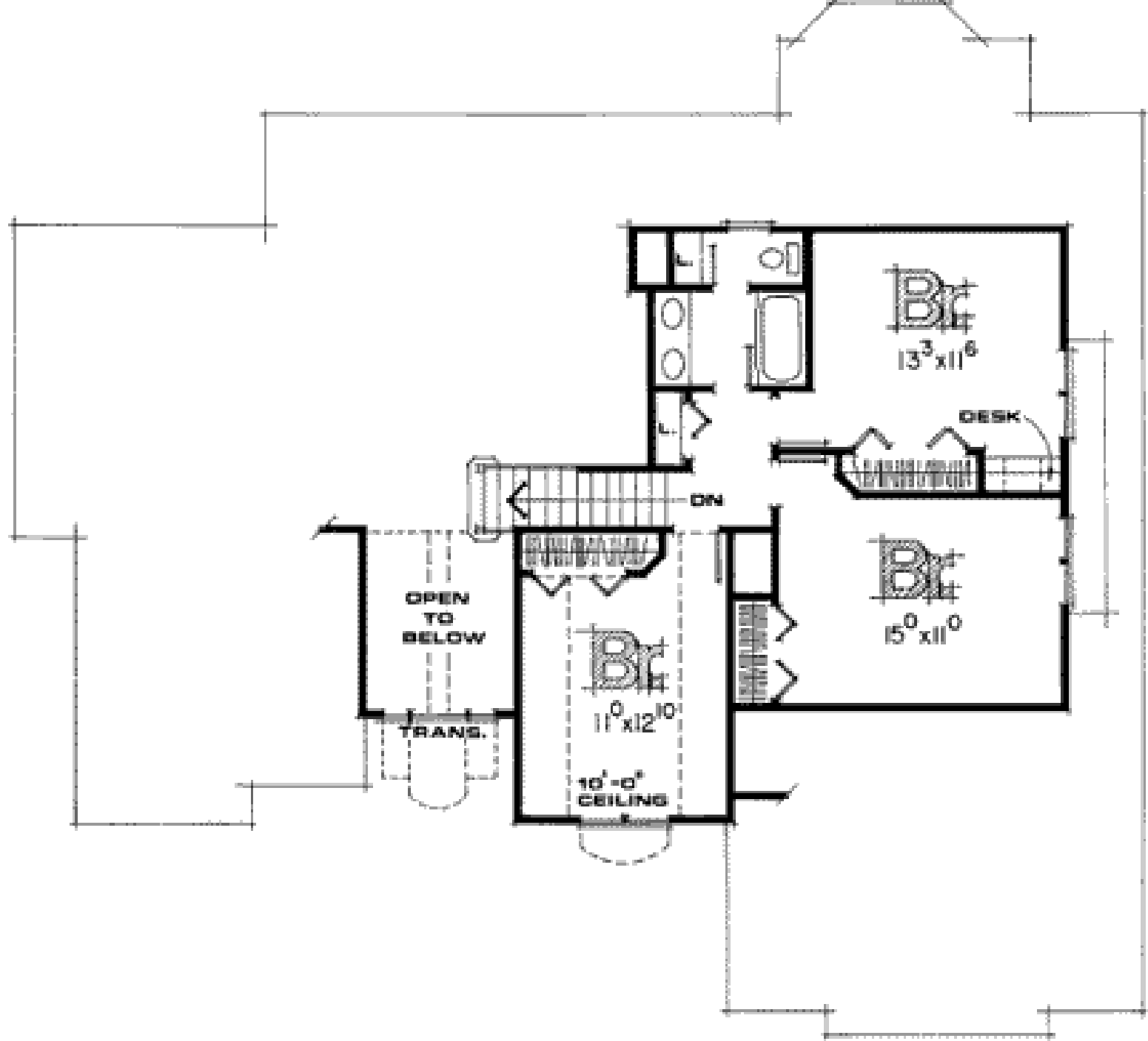




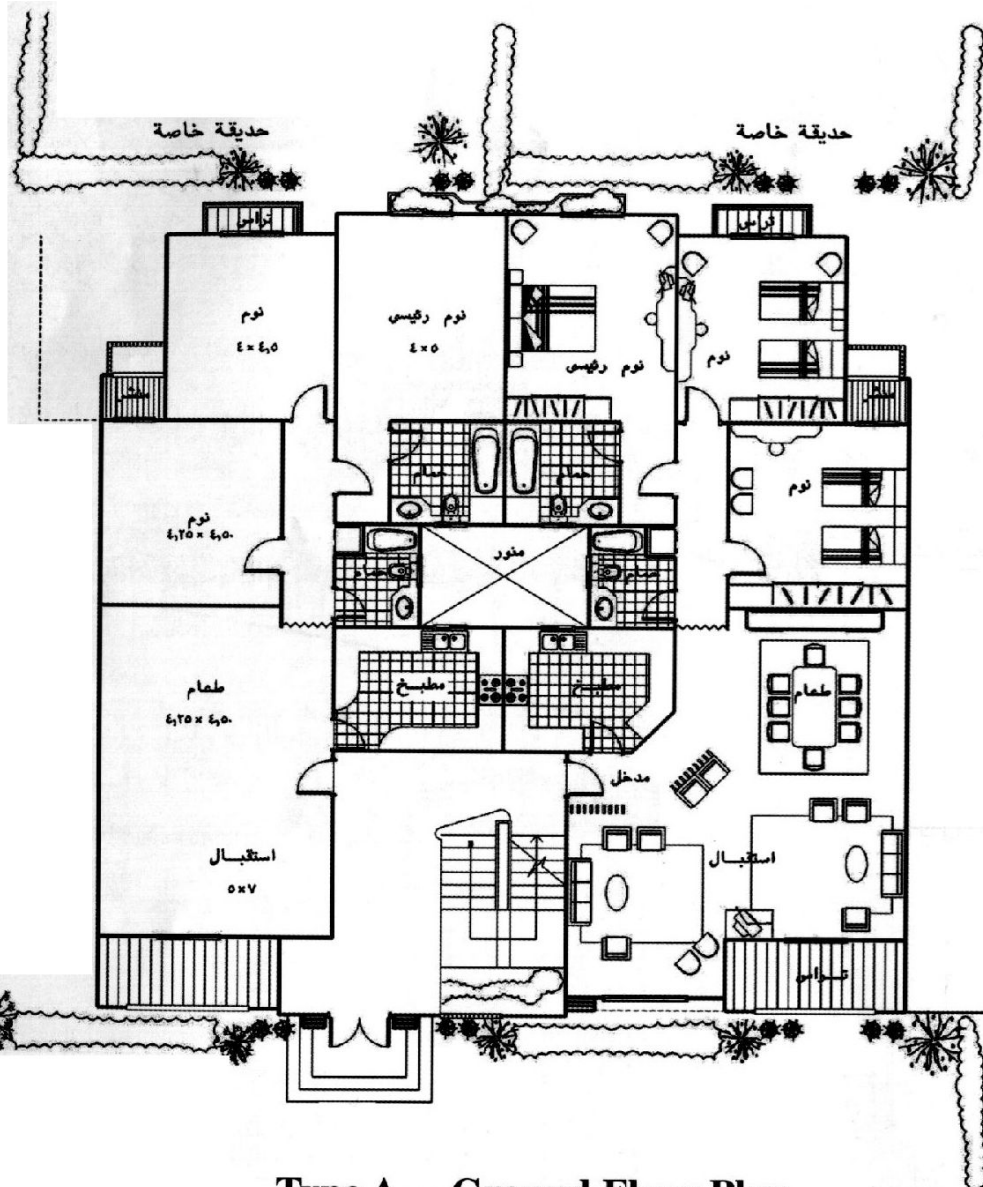




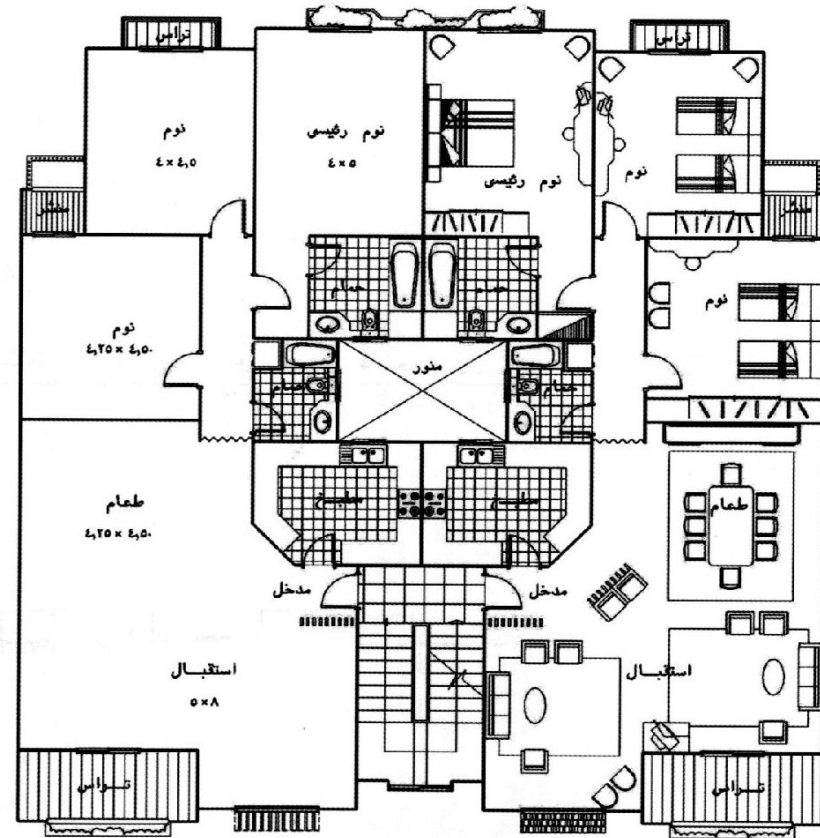




RESIDENTIAL BUILDINGS



Type A--- Ground Floor Plan



Type A--- Typical Floor Plan



Main Elevation



