

ARE 212 Construction Systems

Assignment A (Group Work)

Course : Construction Systems, ARE 212
Semester : 2003-2

Instructor : Dr. Adel A. Abdou
Bldg.: 19, Room: 327, Tel.: 860-2762

Structural Systems

- It is required to construct the “two-story” house (**Type:?**). The building design is provided separately in the given *KFUPM Faculty & Staff Housing Project* handout.
 - You are required to propose *a structural system for the assigned house type*. Use both **load-bearing** wall system, and **skeletal** structural system and infill walls.
 - A. *Develop models for your solutions of the structural systems.*
 - B. *Develop the following drawings* (on a *transparent* assignment’s templates).
- ✚ **Floor plans** and a **section** showing the proposed structural system vertical and horizontal elements in both cases. Use the same scale as given.

Best Wishes

Given : Saturday 28 /02/04
Due Date : Wednesday 10 /03/04