



EAST WEST UNIVERSITY

CSE200: Computer-Aided Engineering Drawing

Section: 13

Spring 25 Semester

Project Report

Four-Unit Residential Layout

Course Code	: CSE200
Course Title	: Computer-Aided Engineering Drawing
Section	: 13

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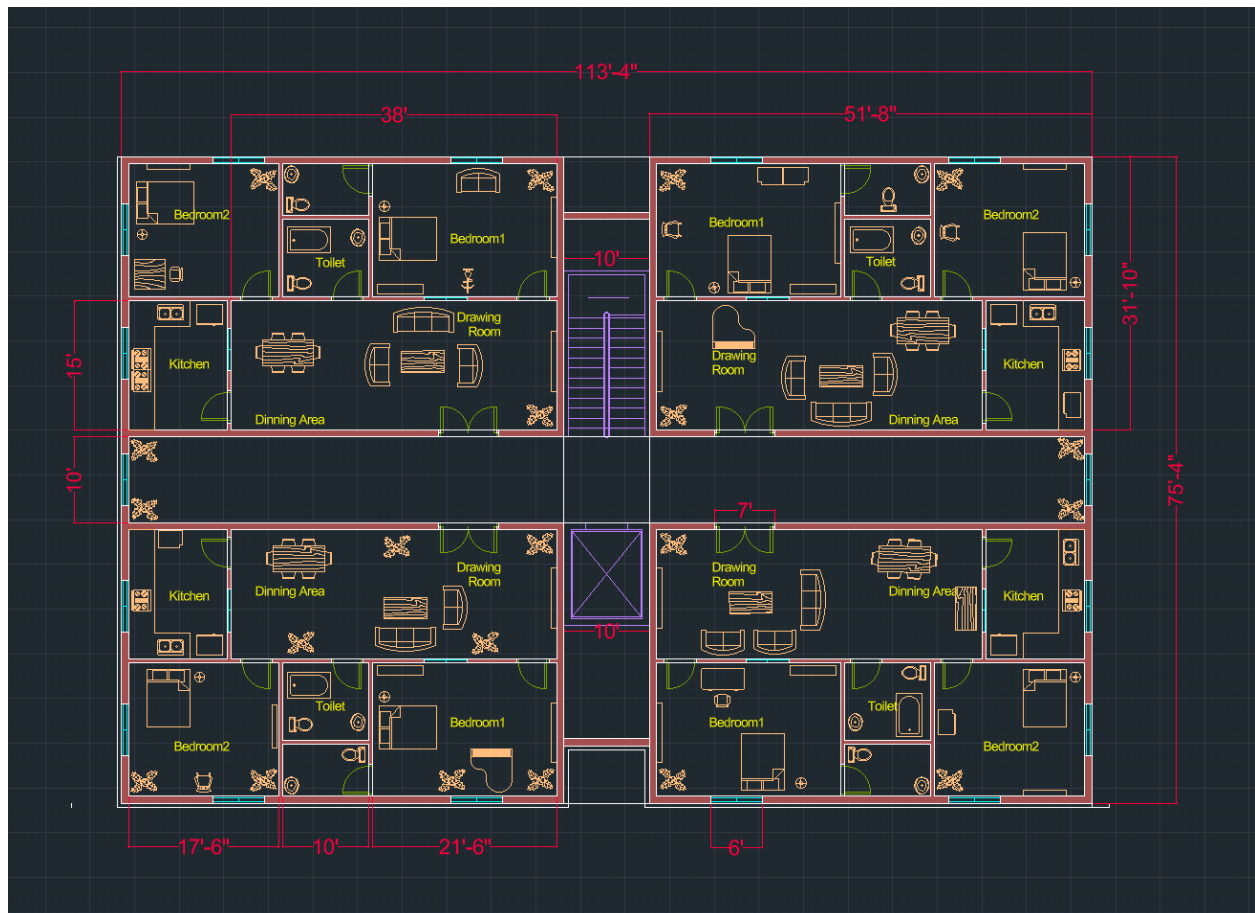
Submission Date 22nd May, 2025

Introduction:

This project presents a detailed architectural floor plan for a 4-unit residential building designed using AutoCAD. Each unit is symmetrically structured, comprising two bedrooms, a drawing room, a dining area, kitchen, and a shared toilet/bathroom space. The layout emphasizes efficient space utilization and ease of access, with a centrally located staircase and ventilation shaft ensuring good circulation and natural lighting. The design is ideal for multi-family occupancy, rental housing, or small apartment complexes.

Design:

2D View:



3D View:

