

BIM PORTFOLIO

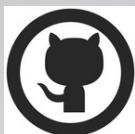


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technical skills



bim technical skills

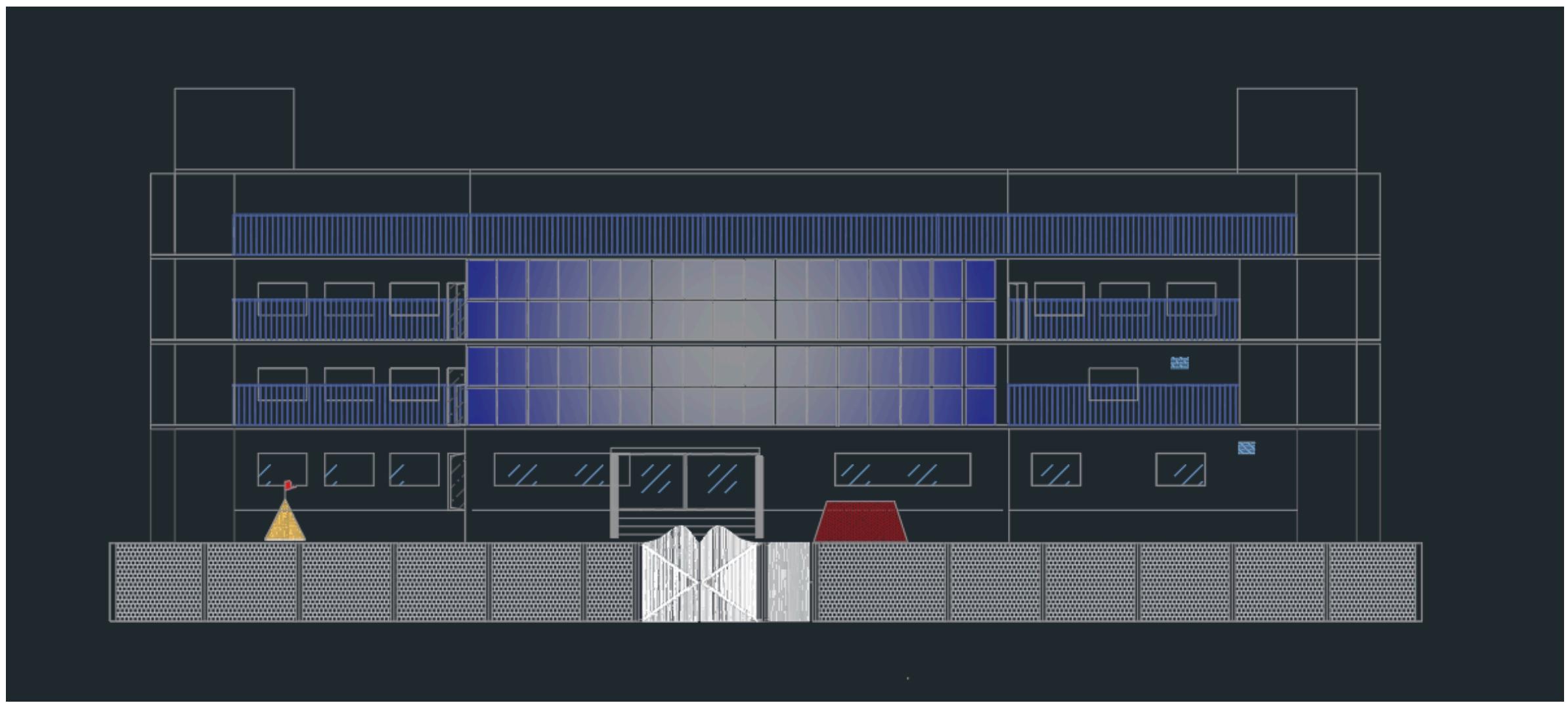
- Planning, Designing & Detailing of Residential, Commercial & Educational structures, Preparation of 3d Models.
- BIM Modelling for specific design disciplines.
- Hands-on experience in using BIM software's such as Revit, and AutoCAD.
- Ensure Construction document accuracy based on Architecture BIM Modelling.
- Collaborate and Coordinate with disciplines design-changes and model challenges.
- Acquired knowledge of BIM Execution Plan (BEP), COBie and BIM project workflow criteria.
- Understanding concepts like LOD, and Dimensions of BIM, Parameters, CAD to BIM, Scan to BIM & BIM 360.
- Acquired knowledge of Work Sharing, and how to create Central & Local files.
- Creation of Revit families (Parametric & Non-Parametric).
- Realistic Renderings and walkthroughs of Architectural Models on Escape.

SOFT SKILLS

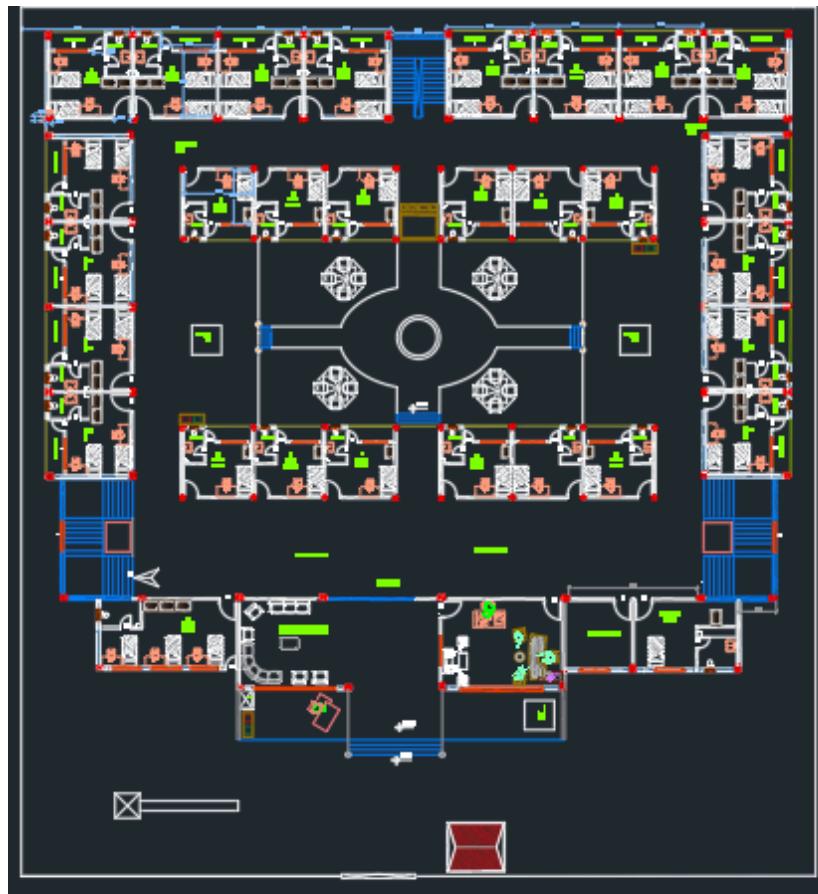
- Good Planning, designing & Visualization Skills.
- Keen to learn new technology.
- Quick learner, Curious to learn new things.
- Problem-solving ability.
- Hardworking, Honest, Self-motivated, Discipline.
- Good Verbal Communication skills (English, Hindi, Telugu).
- Ability to cope with failures and try to learn from them

Topaz Hostel

- Implementing BIM for the Topaz Hostel transforms the design from a static 2D drawing into a dynamic digital archive. By modeling single beds as Parametric Families, Revit stores vital metadata—such as cost and maintenance schedules—allowing for global updates across the repetitive hostel layout with a single change in the Family Editor. These intelligent objects also automate space analysis, ensuring all rooms maintain code-compliant clearance zones.
- The balcony is archived as a critical structural extension, where Revit tracks load-bearing capacity and thermal performance. Safety is managed through Railing Families that automatically adjust to balcony dimensions, maintaining permanent code compliance within the model.
- Regarding the Time Complication (4D BIM), the workflow requires a "front-loaded" effort, demanding more initial time than 2D CAD to define complex layers. However, this prevents costly on-site delays by enabling Conflict Resolution, where Revit flags "clashes"—such as a balcony column interfering with a bed—during the design phase. Ultimately, this high-fidelity archive ensures a "just-in-time" delivery schedule, turning initial modeling complexity into long-term construction insurance.



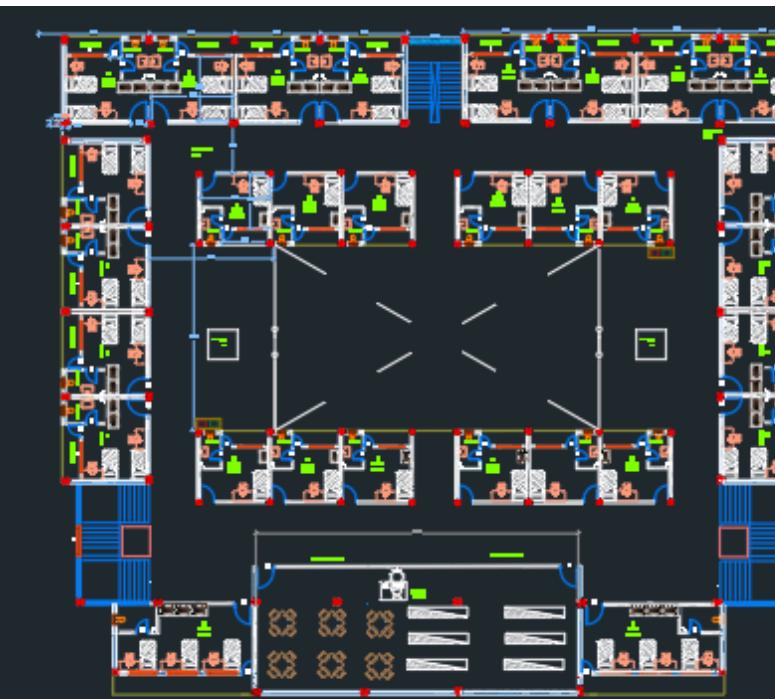
2D Drafting



1st FLOOR



2nd FLOOR

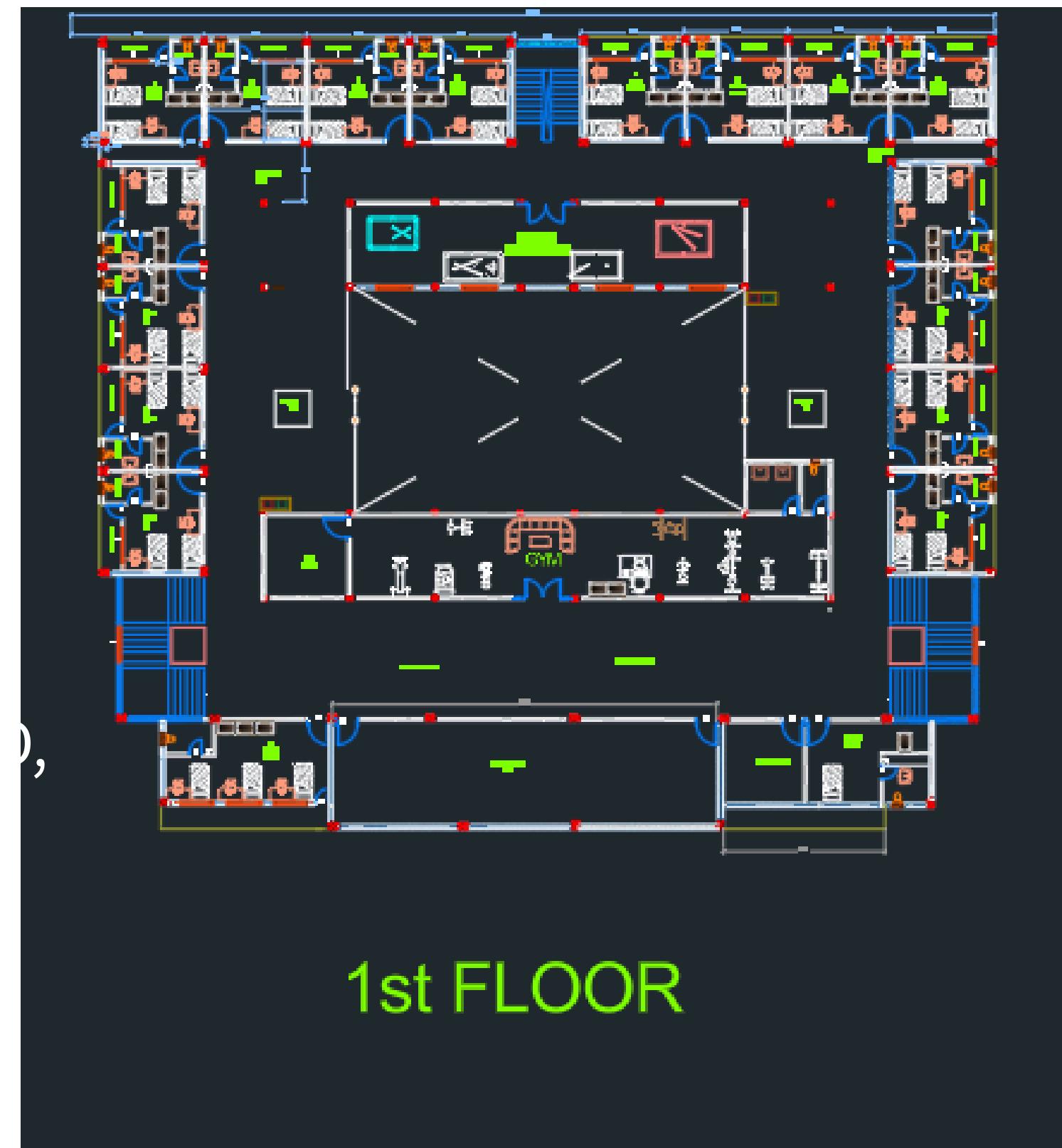
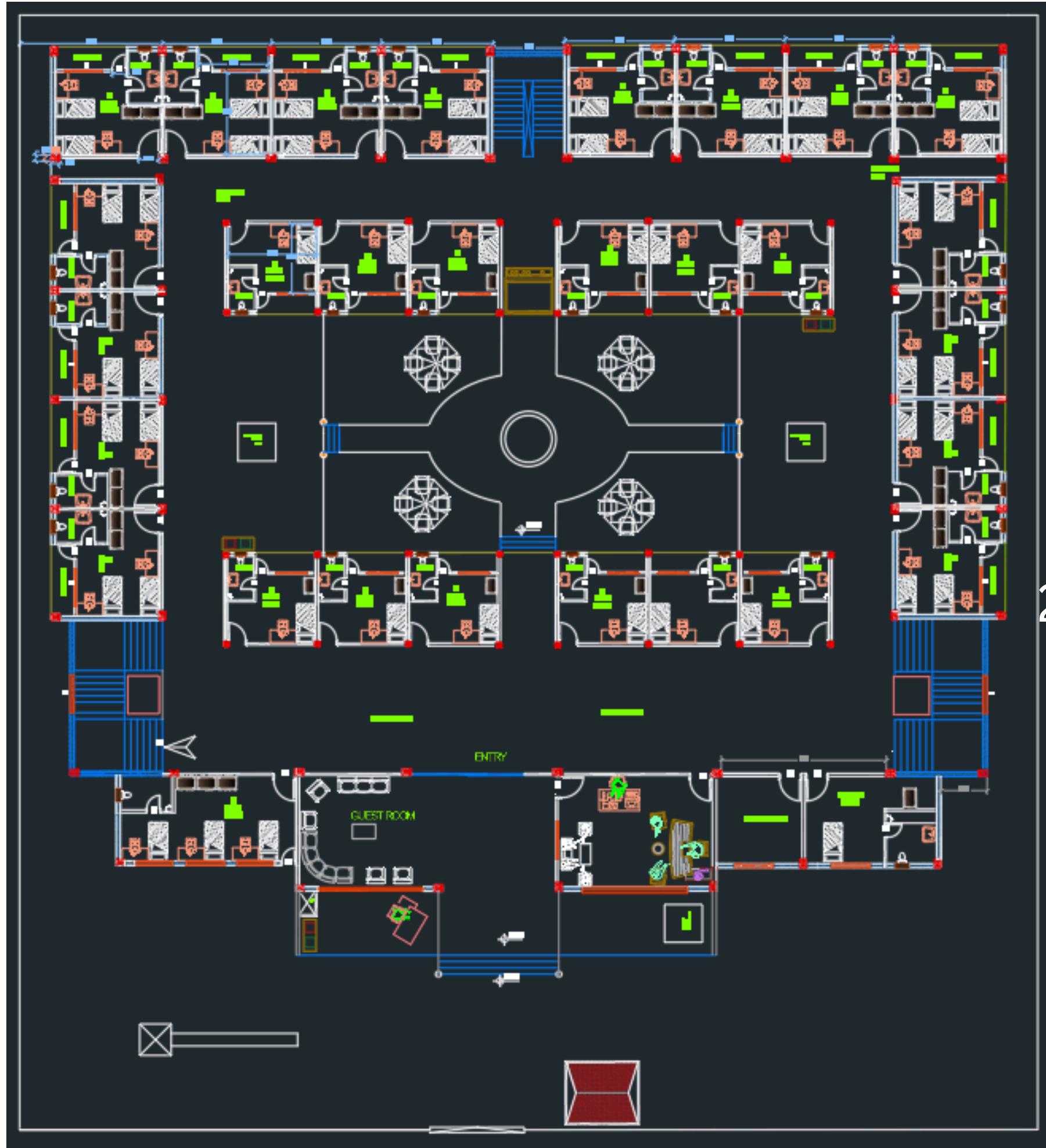


3rd FLOOR





3D MODEL



2D Base and 1st Floor



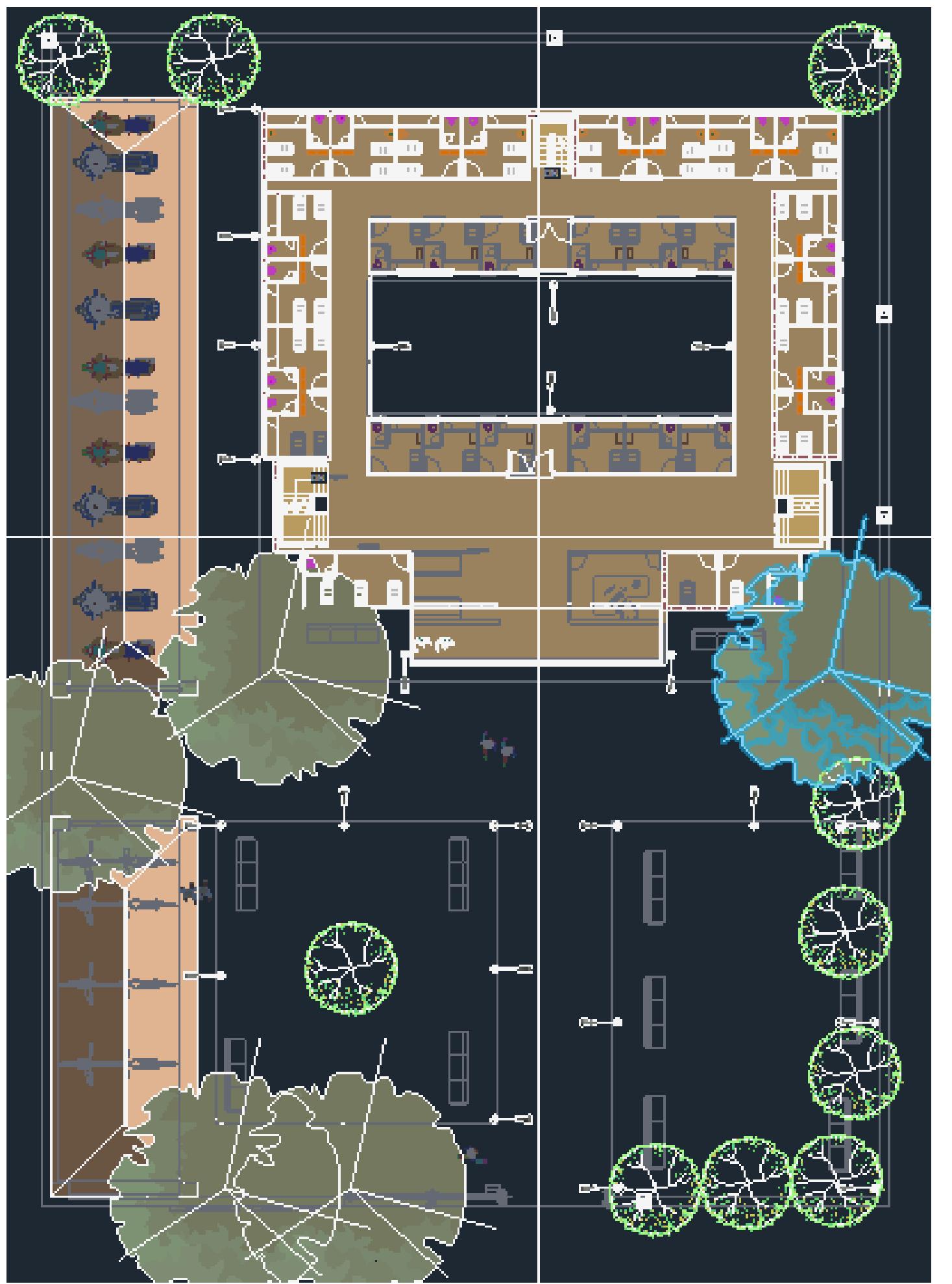
front View



Side Views

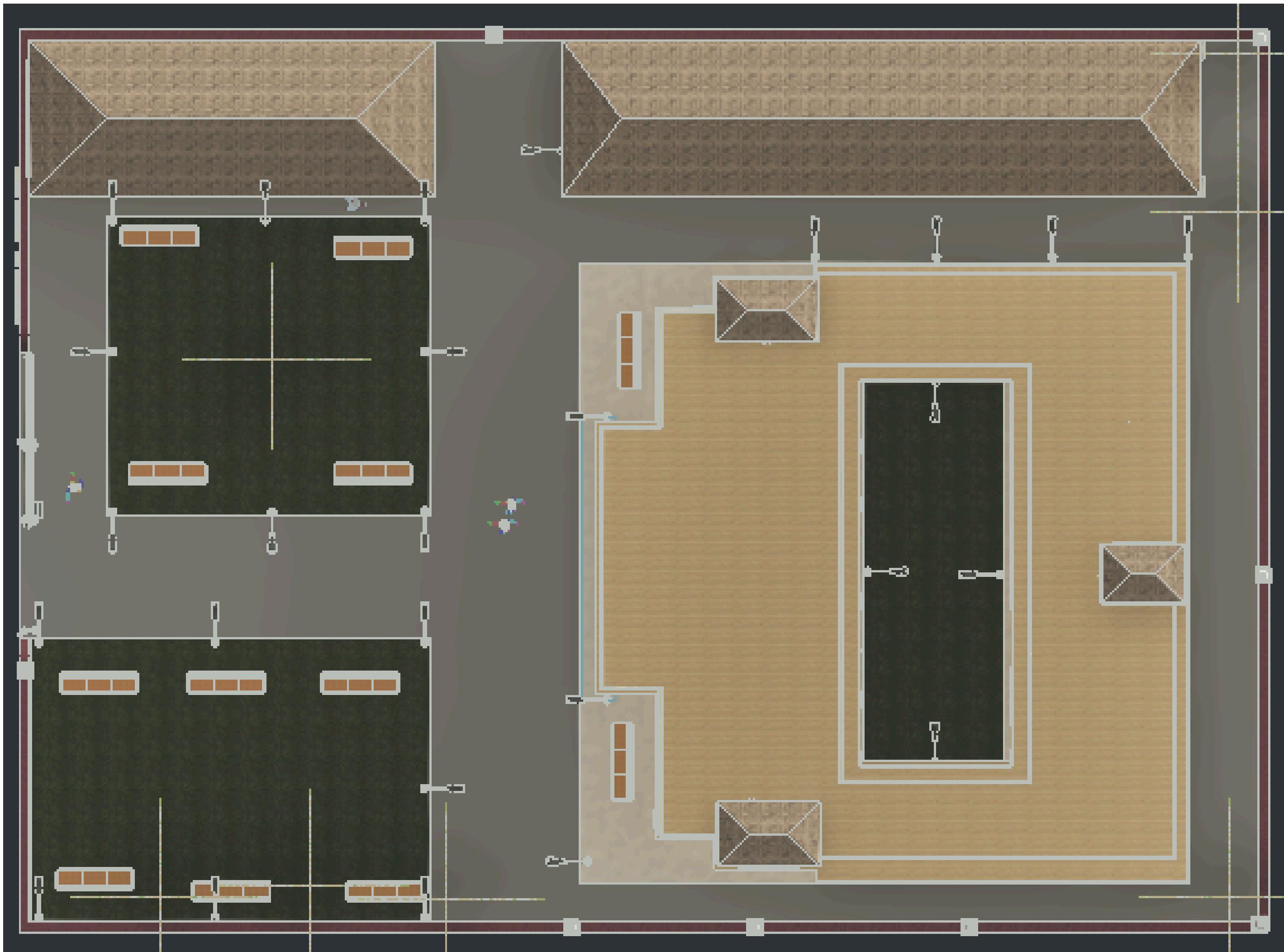


Back Views



Top Views





Top view



cutting of staircase View





3D MODEL

