ARCH 3612 Design VI Housing Studio

Assignment: Egress Diagram – (Collected for NAAB)

SC.3 Regulatory Context
How the program ensures that students understand the fundamental principles of life safety and accessibility through current laws and regulations that apply to buildings and sites in the United States, and the evaluative process architects use to comply with those laws and regulations as part of a project.

Assignment: Egress Diagram
As part of life safety requirements in buildings, depending on building codes, occupancy and construction class, egress must be safely provided from the building. In your typical floor plan of your residential building provide a clear diagram noting the fire stairs, travel distance and paths.

The drawing must include:
- o   Typical floor plan with apartments, corridors, fire stairs, and elevators.
- o   Dead End corridors must be shown with a travel distance not to exceed 80'
- o   Travel distance to the fire stairs must be less than 200' for a sprinklered building.
- o   Travel distance dimensions must be given showing that your travel distance is less than code.
- o   Color code the different apartments (1,2,3 bedroom) and fire stairs

Grading will be based on:
1.   Clarity of egress distances and the meeting of building code travel distances.
2.   Location and number of fire stairs.
3.   The understanding of egress requirements as shown through this completed drawing.

Regulatory Context (SC.3)				
Allocation	*Exceeded requirements*	*Met most requirements*	*Met some requirements*	*Barely met requirements*
Egress Diagram (SC.3) ARCH 3612	*Comprehensively showing travel distances from most remote apartment to furthest fire stair meeting the maximum distance by building code.*	*Documentating at least one dimension of the travel distances from most remote apartment to furthest fire stair meeting the maximum distance by building code.*	Documenting number of fire stairs and apartment layouts, showing egress doors from apartments and fire stairs.	Documenting correct number of fire stairs and their location