

# ASSIGNMENT 1

Design an office space per enclosed program and create code analysis plan and notes, such as would be required for a Building Department Review. Complete in-class review on due date.

## Overall Square Footages:

|                         |               |
|-------------------------|---------------|
| Total square footage:   | 19,000 sq.ft. |
| Core square footage:    | 2,335 sq.ft.  |
| Circulation (20%):      | 3,335 sq.ft.  |
| Program square footage: | 13,330 sq.ft. |

## Building Information

This is an existing 18-story high-rise located in downtown San Jose, classified as Occupancy B, Type 1A construction fully sprinklered. Building core, including restrooms, stairways and elevators is existing and shall be assumed compliant with the current Building code. The width of stairway access doors is 36" and the width of stairways is 48".

## Program requirements:

*Lobby – 700 sq.ft.* – two person reception desk, lounge area, sideboard with refreshments, coat closet, adjacent to entry

*Break room – 800 sq.ft.* – upper and lower cabinetry, sink, full-sized fridge, two vending machines, bar height and table seating, centrally located

*File room – 450 sq.ft.* – full height lateral file cabinets (maximize capacity), copy machine, away from lobby

*Mail/copy room – 250 sq.ft.* - provide two - lower cabinetry, copy machine, fax, work table, storage, distribute within office space

*Open meeting area – 400 sq.ft.* – meeting tables, away from major circulation areas

### *Conference rooms:*

One large 14'x22', seats 12 people, adjacent to executive office

Two medium 14'x20', seats 8-10 people, one adjacent to lobby

Two small 15'x13', seats 4-6 people, distribute throughout

### *Private office:*

One executive, 240 sq.ft. – two assistant cubicles up front

Five manager, 120 sq.ft. – single assistant cubicle up front

Twenty private, 80 sq.ft.

*Open office – 6750 sq.ft.* – allocate maximum number of 8'x6' cubicles

## **Deliverables**

09/22 – Floor Plan printed to 1/8"=1'-0" scale due

10/04 – Finalized Floor Plan printed on 30"x42" sheet with title block, 1/8"=1'-0" scale

10/11 – Code Analysis Floor Plan Due on 30"x42" sheet with title block, 1/8"=1'-0" scale (in-class consultation)

10/13 – Assignment 1 due for Review

Final Deliverable - Code Analysis Sheet including:

- 1/8"=1'-0" Code Analysis Floor Plan (with egress path, exit loads, room occupancies, FEC locations, and egress signage )
- Project information table
- Occupancy table
- Code Notes
- Keynotes (for special and existing conditions)