

D322 BUILDING CODES FOR COMMERCIAL BUILDINGS

Class 3: EXITING & EGRESS

(10 points)

EXERCISE 3- Basics of the "Exit Access"

Name: _____

Using the assigned floor plan complete the following tasks:

1. Number of exits (2 points)

Identify the required number of exits from each space on the plan according to the code. Do this by placing the required number of exits next to the room name/number on the plan.

2. Longest Diagonals (2 points)

Draw the longest diagonals of the following rooms or areas in red:

- a) Auditorium #104; its length is: _____
- b) the entire floor area; its length is: _____

3. Exit Separation (3 points)

Are exit access doors # 5 & 6 separated far enough apart from one another?

What is the required separation between these doors?

Are exit doors # 1, 2 & 3 separated far enough apart from one another?
Explain your answer.

4. Intervening Rooms (1 points)

The occupants in which room(s) are currently exiting through intervening spaces in violation of any of the intervening room requirements?

5. Direction of Door Swing (2 points)

Determine whether each of the door swings shown on the plan are swinging in the proper direction due to the occupant load they serve. Where doors swing in the wrong direction, draw in red the proper door swing direction.