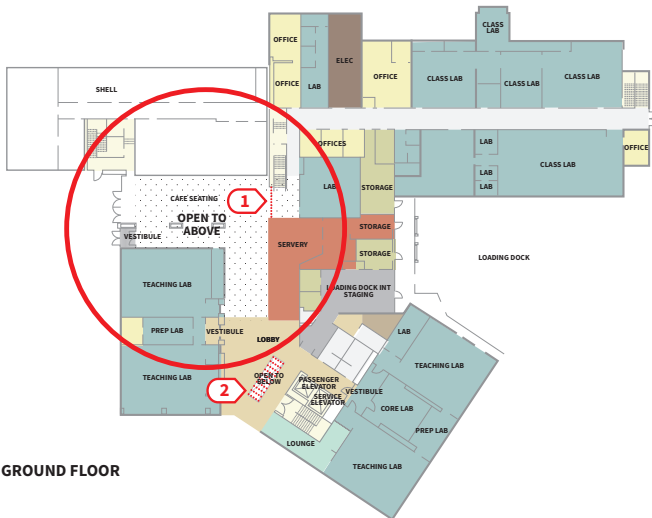
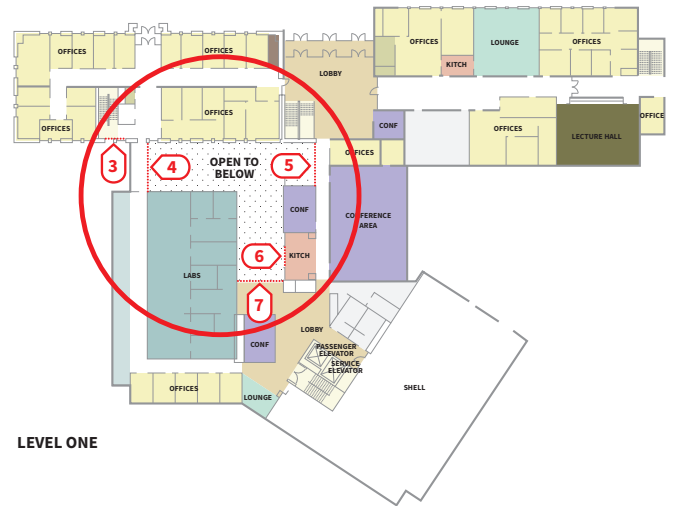


Building Code Challenge: Protecting a Vertical Opening in a Higher Education Facility



GROUND FLOOR



LEVEL ONE



LEVEL TWO



LEVEL THREE

GROUND FLOOR

1
FireFighter® Model 200E
 Smoke and Fire Curtain Shutter with Egress

2
Auto-Set® Model H200
 Horizontal Fire Shutter

LEVEL ONE

3
Auto-Set® Model FSFD
 Vertical Coiling Fire Door without Egress

4 5 6 7
FireFighter® Model D200
 Smoke and Fire Curtain Shutter without Egress

LEVEL TWO

8
Auto-Set® Model FSFD
 Vertical Coiling Fire Door without Egress

9 10 11
FireFighter® Model D200
 Smoke and Fire Curtain Shutter without Egress

LEVEL THREE

12 13 14
Auto-Set® Model FSFD
 Vertical Coiling Fire Door without Egress

The 4-story vertical space, shown within the **red circles**, is code-compliant because of the wide-span opening protectives located strategically on each floor. These rolling steel fire shutters and smoke and fire curtains close only in event of a fire. In non-emergency conditions, the space is open to the surrounding environment, marrying new and

old, interior and exterior. **4, 5, 6, 7, 9, 10, 11, 13** and **14** mark the locations that protect this large vertical opening. Additional doors augment the spacious design. **2** is a large horizontal floor shutter that protects another vertical opening. **1, 3, 8** and **12** are located at the stair shafts, and remain open thus facilitating easy travel between floors.

