



G R E S H A M
S M I T H A N D
P A R T N E R S

MEMORANDUM

**SUBJECT: CODE RESEARCH: EGRESS
FOUNDERS HALL (BUILDING 002)**

I. Occupancy Load:

-First Floor Total Area is 34,082 SF.
Assembly SF is 6,000. 6,000 SF/15 net =400 occupants
Business SF is 28,082. 28,082 SF/100 gross =281 occupants
Total Occupants=681

-Second Floor Total Area is 35,673 SF.
Assembly SF is 0.
Business SF is 35,673. 35,673 SF/100 gross=357 occupants
Total Occupants = 357

II. Egress Width:

-Second Floor
Stairway (0.3" OCC without sprinkler system). (357) (.3) = 107.1"
Other egress components (0.2 OCC without sprinkler system) (357) (.2) =71.4"
-Stairway widths are 75"
-(2) Stairs are accessible totaling 150" (more than minimum)
-Doors to stairway are minimum of (2) 34" clear
-(2) Doors equal 68" (more than minimum)

-First Floor/Level of Discharge
Stairways= 1038 Occupants
First Floor = 681 Occupants
Total = 1719 Occupants x (0.2 OCC for comp.) = 344"
First Floor door provided = (2 @ 34") (5 @ 68") = 408" (more than minimum)

Design Services For The Built Environment