

### FIRST FLOOR: OCCUPANT CALCULATION AND ASSUMPTION

FIRST FLOOR	AREA	AREA/ OCCUPANT	NUMBER OF OCCUPANTS
WEST WING READING ROOM	11,385 NSF	50 NSF	228
WEST WING STACK AREA	10,148 NSF	100 NSF	101
LOBBY	6,428 NSF	15 NSF	429
OFFICE/CAFE	3,772 NSF	100 NSF	38
LOADING/DKCK OF HOUSE	5,851 NSF	100 NSF	57
CHILDREN'S LIBRARY READING ROOM	10,507 NSF	50 NSF	210
CHILDREN'S LIBRARY STACK AREA	4,183 NSF	100 NSF	42
<b>SUBTOTAL</b>			<b>1105</b>

### EXITING CAPACITY REQUIRED FOR THE FIRST FLOOR

STAIRS  
ALL STAIRS ARE EXISTING. ALL  
OCCUPANTS FROM OTHER FLOORS WILL  
EXIT VIA THE STAIRS DIRECTLY TO THE  
OUTSIDE.

WEST WING	EXITS REQ'D.	EXITS PROVIDED
WEST WING	308 x 2" = 61.6"	1 @ 36" + 2 @ 40" = 116"
LOBBY	428 x 2" = 85.6"	3 @ 72" + 74" BREAKOUT = 290"
OFFICE/CAFE	38 x 2" = 7.6"	EXIT THROUGH LOBBY
LOADING/DKCK OF HOUSE	57 x 2" = 11.4"	2 @ 36" + 1 @ 72" = 144"
CHILDREN'S LIBRARY	252 x 2" = 50.4"	2 @ 72" + 1 @ 36" = 180"

### TABLE 1004 TRAVEL DISTANCE, DEAD-END LENGTH, EXIT AND MEANS OF EGRESS WIDTH

OCCUPANCY CLASS	MAXIMUM TRAVEL DISTANCE TO EXIT (FEET)	MAX. DEAD-END CORRIDOR LENGTH (FEET)	MIN. CLEAR WIDTH OF CORRIDOR (INCHES)	MIN. CLEAR WIDTH OF EXIT DOORS (INCHES)	MIN. CLEAR WIDTH OF STAIRS (INCHES)	MIN. CLEAR WIDTH OF STAIR DECK (INCHES)
GROUP A	150	200	20	0.2	0.3	44(1)
						32

### LIFE SAFETY LEGEND

- 1 HR. FIRE RESISTANT
- NON-RATED
- FE-1 EXISTING FIRE EXTINGUISHER CABINET (RECESSED)
- FE-2 EXISTING FIRE EXTINGUISHER CABINET AND FIRE HOSE CONNECTION (RECESSED)
- FE-3 EXISTING FIRE EXTINGUISHER (BRACKET MOUNTED)
- FE-4 NEW FIRE EXTINGUISHER CABINET (SURFACE MOUNTED)
- FE-5 NEW FIRE EXTINGUISHER (BRACKET MOUNTED)
- NEW
- NEW
- EXIT LIGHT
- PATH OF TRAVEL DURING AN EMERGENCY

### PLUMBING FIXTURE COUNT

OCCUPANCY: ASSEMBLY (THEATRES, HALLS, MUSEUMS, ETC.)

OCCUPANCY COUNT:	FIXTURES REQUIRED	FIXTURES PROVIDED
MALE WATER CLOSETS 1 PER 125	5	5 + 1 ACCESSIBLE
FEMALE WATER CLOSETS 1 PER 65	9	4 URINALS 10 + 1 ACCESSIBLE
ACCESSIBLE FAMILY RESTROOM	1	1
LAVATORIES 1 PER 200	6	15
DRINKING FOUNTAINS 1 PER 500	3	4
SERVICE SINK	1	3

01 LIFE SAFETY PLAN  
1/16" = 1'-0"

**PROJECT AS-BUILTS**

