

1 $\frac{3}{32}'' = 1'-0''$

OCCUPANT CALCULATIONS				
USE	AREA (SF)	+ OCCUPANT LOAD FACTOR	=	OCCUPANT LOAD
GROUP I-2	36,610	+ 120	=	322
		SF/PERSON INPATIENT AREAS		

<div> <div></div> <div> <div></div> <div></div> </div> </div> EXIT CALCULATIONS			
EXIT WIDTH FACTOR	EXIT UNITS PER STAIRWAY OR HORIZONTAL EXIT	EXIT UNITS PROVIDED	EXIT UNITS REQUIRED
0.2" HORIZONTAL	STAIR 1 - STAIR 3 - STAIR 4 -	42" + 0.3" = 140 42" + 0.3" = 140 42" + 0.3" = 140	322
0.3" VERTICAL	HORIZONTAL TO PSB - HORIZONTAL TO UNIT B -	42" + 0.2" = 210 42" + 0.2" = 210	EXIT UNITS PROVIDED EXCEED UNITS REQUIRED

- # LEGEND
- | | |
|--|--|
| | 1 HOUR FIRE PARTITION |
| | 1 HOUR FIRE/SMOKE BARRIER |
| | 2 HOUR FIRE BARRIER |
| | 2 HOUR FIRE/SMOKE BARRIER |
| | TRAVEL PATH AND DISTANCE TO CROSS CORRIDOR SMOKE DOORS
(MAX. 200' PER NFPA 101 18.3.7.1) |
| | TRAVEL PATH AND DISTANCE TO HORIZONTAL OR VERTICAL EXIT
(MAX. 200' PER NFPA 101 18.2.6.1) |
| | EXIT |
| | S INDICATES SMOKE COMPARTMENT |
| | H INDICATES HORIZONTAL EXIT |
| | V INDICATES VERTICAL EXIT |
| | FIRE EXTINGUISHER CABINET |
| | EXIT SIGNS
(SEE LIGHTING PLANS) |

PROJECT AREA SMOKE COMPARTMENT IS 17,175 SQUARE FEET, WHICH IS LESS THAN THE 22,500 SQUARE FEET ALLOWED.

LEGEND

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APPROVED FOR CONSTRUCTION

Department of
Veterans Affairs

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