

VA KITCHEN REPLACEMENT CODE ANALYSIS		EFFECTIVE CODE		2010 OSSC		Code Reference	
OCCUPANCY:	A-2	F-1	S-2	Sections 303, 306, 311			
CONSTRUCTION TYPE	V-B	V-B	V-B	Table 601			
FIRE SPRINKLERS	REQUIRED			903.2.1.2			
BASE AREA	8000	8500	13500	Table 503			
FRONTAGE INCREASE	F = 0.75	P = 0.75	W = 0.75	863.5	60	506.2	
FIRE SPRINKLER INCREASE(S)	200%	200%	200%	12000	17000	27000	506.3
TOTAL ALLOWABLE AREA	22500	31875	50625				
ACTUAL AREA	11480	7054	4641	23175			
PERCENT OF ALLOWABLE AREA	0.51	0.22	0.09	0.82	OK		
STORIES ALLOWED	1	1	2	Table 503			
ACTUAL STORIES	1	1	1	OK			
OCCUPANCY SEPARATION	NR	1-HR		Table 508.4, d			
EXTERIOR BEARING WALLS	0 hr			Table 601			
EXTERIOR WALLS (<30 FEET)	NA			Table 602			
A OCCUPANCY PLUMBING FIXTURES							
GROSS FLOOR AREA A-2	11480 SF			MALE	FEMALE	Table 29-A	
@ 30 SF / OCCUPANT	OCCUPANTS			192	192		
FIXTURES MUST BE WITHIN 50'							
WATER CLOSET	PROVIDED			4	4	Includes Building 220	
LAVATORY	PROVIDED			7	4	Includes Building 220	
DRINKING FOUNTAIN	PROVIDED			0	4	Includes Building 220	
SERVICE SINK	PROVIDED			1			
F OCCUPANCY PLUMBING FIXTURES							
GROSS FLOOR AREA F-1	7054 SF			MALE	FEMALE	Table 29-A	
@ 200 SF / OCCUPANT	OCCUPANTS			2	2		
FIXTURES MUST BE WITHIN 50'							
WATER CLOSET	PROVIDED			1	1		
LAVATORY	PROVIDED			1	2		
DRINKING FOUNTAIN	PROVIDED			0	1		
SERVICE SINK	PROVIDED			1			

ROOM NO.	ROOM NAME	AREA	LOAD FACTOR	OCCUPANTS	NFPA OCCUPANCY
001	BASEMENT	4379.48	0	0	
002	TUNNEL	342.04	0	0	
004	AIRLOCK	73.63	0	0	
007	AIRLOCK	62.61	0	0	
008	ELECTRICAL	355.48	0	0	
009	IT ROOM	161.01	300	1	STORAGE OTHER THAN MERCANTILE
101	LOBBY	1264.62	15	84	ASSEMBLY NO FIXED SEATING
102	JAN	55.81	0	0	
103	HAND WASH	87.63	0	0	
104	HALLWAY	101.57	0	0	
105	STORAGE	48.92	300	0	STORAGE OTHER THAN MERCANTILE
106	OFFICE	206.00	100	2	BUSINESS USE
107	CHIEF	222.38	100	2	BUSINESS USE
108	SECRETARY	238.61	100	2	BUSINESS USE
109	STORAGE	65.11	300	0	STORAGE OTHER THAN MERCANTILE
110	OFFICE	169.43	100	2	BUSINESS USE
111	CONFERENCE ROOM	221.32	15	15	ASSEMBLY NO FIXED SEATING
112	SERVERY	1911.60	15	127	ASSEMBLY NO FIXED SEATING
113	DINING	6413.70	15	428	ASSEMBLY NO FIXED SEATING
114	TRAY DROP	82.91	15	6	ASSEMBLY NO FIXED SEATING
115	LOCKERS	204.63	100	2	BUSINESS USE
116	LOCKERS	159.89	100	2	BUSINESS USE
117	TOILET	57.69	0	0	
118	CORRIDOR	374.46	0	0	
119	JAN	43.72	0	0	
120	STORAGE	267.00	300	1	STORAGE OTHER THAN MERCANTILE
121	RECEIVING	518.39	300	2	STORAGE OTHER THAN MERCANTILE
122	SPRKL.	45.17	0	0	
123	HOIST- WAY	40.92	0	0	
124	STORAGE	126.37	300	0	STORAGE OTHER THAN MERCANTILE
125	RCV. CLERK	89.91	100	1	
126	DRY FOOD STORAGE	875.24	300	2	STORAGE OTHER THAN MERCANTILE
127	CORRIDOR	327.73	0	0	
128	COLD STORAGE	1650.56	300	6	STORAGE OTHER THAN MERCANTILE
129	SOILED UTILITY	148.80	300	0	STORAGE OTHER THAN MERCANTILE
130	NON-FOOD STORAGE	247.66	300	1	STORAGE OTHER THAN MERCANTILE
131	CORRIDOR	129.99	0	0	
132	WARE WASHING	662.02	100	7	KITCHENS
133	HALLWAY	56.81	0	0	
134	WOMEN	56.88	0	0	
135	MEN	62.59	0	0	
136	BREAK ROOM	188.05	15	13	ASSEMBLY NO FIXED SEATING
137	HALLWAY	116.44	0	0	
138	DIET AIDE	109.65	100	1	BUSINESS USE
139	CLEAN DISH STORAGE	209.50	100	2	KITCHENS
140	CORRIDOR	411.89	0	0	
141	SUPERVISOR	245.85	100	2	BUSINESS USE
142	SUPERVISOR	129.88	100	1	BUSINESS USE
143	POT & PAN WASHING	375.20	100	4	KITCHENS
144	PREP KITCHEN	845.54	100	8	KITCHENS
145	PREP	697.61	100	7	KITCHENS
146	COOKING	744.68	100	7	KITCHENS
147	COOLERS	245.08	300	1	STORAGE OTHER THAN MERCANTILE
148	SEC. STOR.	33.40	300	0	STORAGE OTHER THAN MERCANTILE
149	DATA CLOSET	229.38	300	1	STORAGE OTHER THAN MERCANTILE
150	VESTIBULE	166.10	0	0	
CC221	CORRIDOR	725.02	0	0	
CC236	CORRIDOR	491.24	0	0	
S11	STAIR	97.91	0	0	
S12	STAIR	71.08	0	0	
SM1	SMOKING SHELTER	278.47	15	19	ASSEMBLY NO FIXED SEATING
		29021.97		759	

REVISIONS	DATE



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DRAWING TITLE:

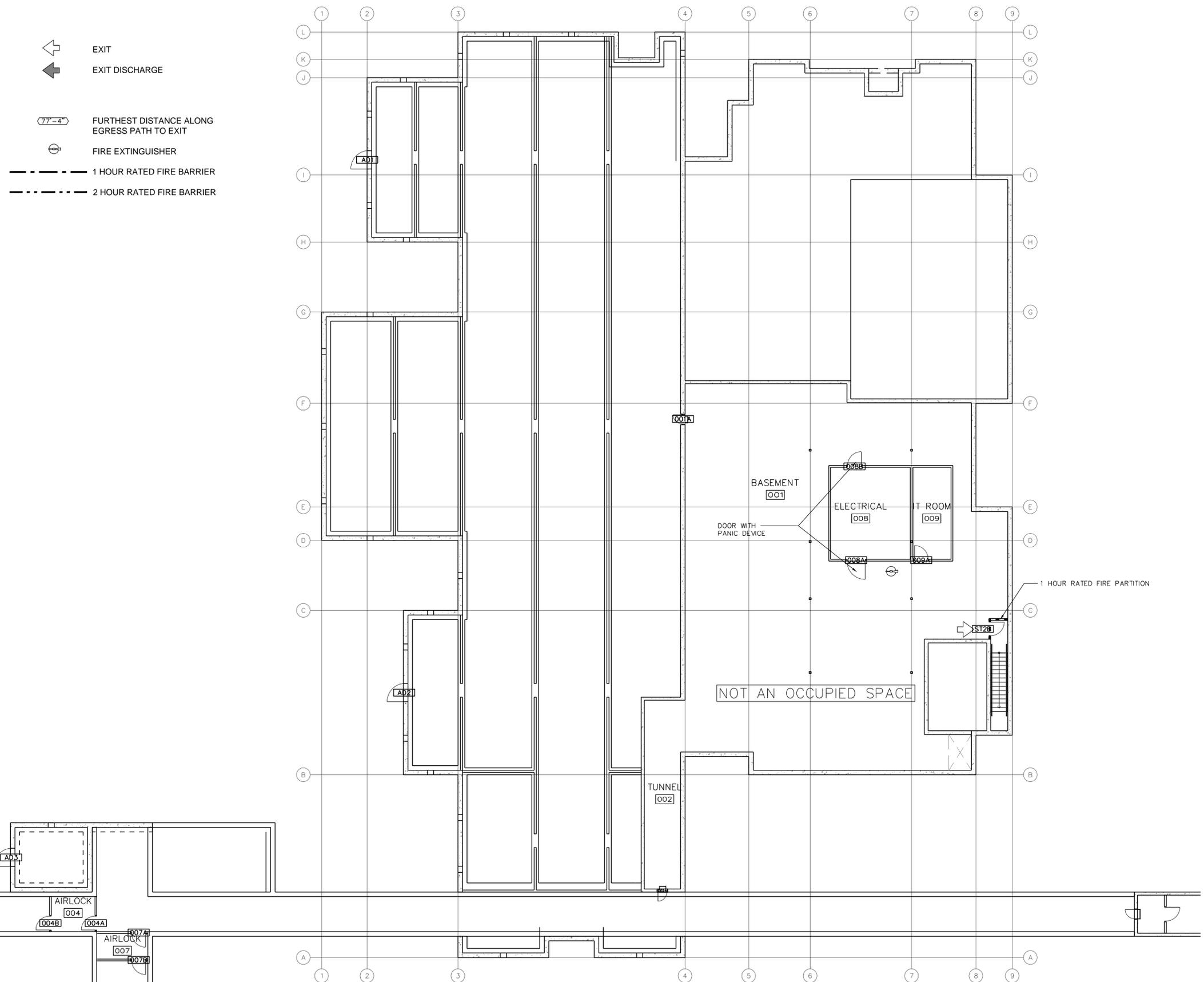
LIFE SAFETY PLAN - FIRST FLOOR

PROJECT TITLE **REPLACE NUTRITION & FOOD SERVICES**

DRAWN BY: DSS DATE: 1JUN11 DRAWING NO.: LS1.1

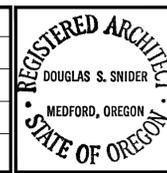
CHECK BY: RJS VA PROJECT NO.: 692-338 DWG. 1 OF 2

May 27, 2011 - 3:28pm
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- EXIT
- EXIT DISCHARGE
- FURTHEST DISTANCE ALONG EGRESS PATH TO EXIT
- FIRE EXTINGUISHER
- 1 HOUR RATED FIRE BARRIER
- 2 HOUR RATED FIRE BARRIER

REVISIONS	DATE



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DRAWING TITLE:
LIFE SAFETY PLAN - BASEMENT

PROJECT TITLE REPLACE NUTRITION & FOOD SERVICES		
DRAWN BY: DSS	DATE: 1JUN11	DRAWING NO.:
CHECK BY: RJS	VA PROJECT NO.:	LS1.2
692-338		DWG. 2 OF 2

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