

REVIEWED IN ACCORDANCE WITH
THE REQUIREMENTS OF T24, CCR

APPROVED

JAN 28 2010

Office of Statewide Health
Planning & Development
FACILITIES DEVELOPMENT DIVISION



AC2.0B

HOSPITAL GENERAL STORAGE TABULATION (2007 CSC 1224 14.2.12) FOR NEW TOWER EXPANSION, 176 TOTAL BEDS AT 10 SF PER BED = 3,520 SF TOTAL AREA REQUIRED, 5,892 SF PROVIDED.				
LEVEL	ROOM NAME	ROOM NUMBER	AREA (SF)	TOTAL (SF)
LOWER	STORAGE GENERAL	B.071.08	154	
	STORAGE GENERAL	B.036.01	296	
	STORAGE GENERAL	B.040.02	129	
	STORAGE GENERAL	B.034	103	
	STORAGE GENERAL	B.1000	203	
ONE	STORAGE GENERAL	1.070.04	250	250
TWO	STORAGE GENERAL	2.004	305	
	STORAGE GENERAL	2.037.04	100	
	STORAGE GENERAL	2.037.09	110	
	STORAGE GENERAL	2.046	121	
	STORAGE GENERAL	2.018	105	
THREE	STORAGE GENERAL	3.065	232	
	STORAGE GENERAL	3.065.A	207	
	STORAGE GENERAL	3.108	159	
	STORAGE GENERAL	3.001.22	215	
	STORAGE GENERAL	3.001.24	295	
	STORAGE GENERAL	3.001.26	153	
	STORAGE GENERAL	3.001.10	117	
FOUR	STORAGE GENERAL	4.052.01	65	
	STORAGE GENERAL	4.120	189	
	STORAGE GENERAL	4.082	671	
FIVE	STORAGE GENERAL	5.081	197	197
SIX	STORAGE GENERAL	6.003	189	
	STORAGE GENERAL	6.120	283	
SEVEN	STORAGE GENERAL	7.001	430	
	STORAGE GENERAL	7.020	278	
ROOF	STORAGE GENERAL	R.141	460	460
TOTAL				5,919
OVERALL HOSPITAL TOTAL		REQUIRED AREA (SF)	PROVIDED AREA (SF)	
EXISTING LOWER TOWER I		4,160	1,799	
NEW TOWER II		3,520	5,919	
OVERALL TOTAL		7,680	7,718	

- A. INFORMATION SHOWN OR REFERENCED ON ENLARGED AND/OR 1/4" SCALE DRAWINGS WILL GENERALLY NOT BE SHOWN ON THE SMALLER SCALE DRAWINGS.
- B. PURPOSE OF THESE DRAWINGS: TO SHOW OVERALL BUILDING PLAN ORIENTATION, SMOKE COMPARTMENTS, SUITED AREAS, FIRE EXTINGUISHER CABINET LOCATIONS, PROPOSED GENERAL EXIT SIGNS FOR EGRESS PURPOSES, FIRE EXTINGUISHER LOCATIONS, FIRE EXTINGUISHER EXIT, FIRE WALLS, OCCUPANT LOADING EXIT CALCULATIONS AND AREAS OF RECALCULATIONS.
- C. FIRE/SMOKE GRAPHICS LEGEND IS THE SAME FOR ALL PLAN SHEETS IN THE SET. TYPICAL CORRIDOR WALL RATING INDICATES MINIMUM ONE HOUR CORRIDOR WALLS, UNLESS OTHER NOTED TO BE HIGHER RATED RESTRICTIONS. ALL DOORS IN TYPICAL CORRIDORS ARE NOT GRADED. ALL WINDOWS TYPICAL CORRIDORS ARE NOT RATED, BUT LIMITED TO 25% OF THE INTERIOR SPACE FACING THE CORRIDOR WALL.
- D. SHOWN SPACE IS NOT FOR HUMAN USE UNTIL PROPOSED LAYOUT IS REVIEWED AND APPROVED BY THE CITY.
- E. IT IS THE INTENT THAT MATERIALS LISTED IN FIRE RATED DESIGNS IN THE DRAWINGS MATCH THOSE PRODUCTS INCLUDED IN THE PROJECT MANUAL (SPECIFICATIONS). SUBMITAL OF MANUFACTURER'S PRODUCTS LISTED IN THE FIRE RESISTANT RATING SET, BUT NOT SPECIFIED IN THE PROJECT MANUAL, WILL BE SUBJECT TO REJECTION. THE PROJECT MANUAL WILL BE USED TO IDENTIFY THE MANUFACTURERS LISTED IN U.S. BUILDING MATERIALS DIRECTORY OR SIMILAR LITERATURE.
- F. IN THE EVENT OF A CONFLICT IN EITHER PUBLISHED TEST DATA INCLUDED IN THE DOCUMENTS AND/OR THE PROJECT MANUAL (SPECIFICATIONS), PLEASE NOTIFY THE ARCHITECT PRIOR TO THE SUBMITTAL OF SUBSTITUTION DOCUMENTS TO THE PURCHASER OF RECORD.
- G. UNDER NO CIRCUMSTANCE WILL BUILDING PRODUCTS REQUIRED BY FIRE-RATED ASSEMBLIES BE ACCEPTED WITHOUT INDEPENDENT TEST RESULTS FROM NATIONALLY RECOGNIZED TESTING LABORATORIES OR MODEL BUILDING CODE ORGANIZATIONS, AS APPROVED BY OSHD.
- H. SEE PARTITION TYPE AND REFERENCE DETAILS FOR SOUND TRANSMISSION CLASS AND FIRE RESISTANCE REQUIREMENTS.

The diagram illustrates the placement of various fire alarm components in a hallway. A legend at the top defines the symbols:

- F.E.**: SURFACE MOUNTED FIRE EXTINGUISHER (represented by a star with a dot)
- F.E.C.**: FIRE EXTINGUISHER CABINET (represented by a star with a dot inside a circle)
- EXIT**: DISCHARGE FROM FLOOR (represented by an arrow pointing down)
- EXIT LIGHT**: (represented by a diamond with a cross)
- EGRESS PATH TO EXIT**: (represented by a dashed line)
- EGRESS PATH TO SMOKE COMPARTMENT**: (represented by a dashed line with a star)
- F.V.C.**: FIRE VALVE CABINET (represented by a star with a dot inside a circle)
- HOR. EXIT**: HORIZONTAL EXIT (represented by a star with a dot inside a circle)

 The hallway layout shows:

- A horizontal hallway with a door at the right end labeled "1 HOUR FIRE WALL".
- A vertical hallway branching off to the left, labeled "1 HR/60 MIN. FIRE WALL" and "2 HOUR FIRE SMOKE COMP. WALL".
- A horizontal hallway branching off to the right, labeled "1 HR/60 MIN. FIRE WALL" and "2 HOUR FIRE SMOKE COMP. WALL".
- A "NON RATED PARTITION" is shown at the top of the vertical hallway.
- Components are placed as follows:
 - F.E.** on the wall of the horizontal hallway.
 - F.E.C.** on the wall of the vertical hallway.
 - EXIT** and **EXIT LIGHT** at the end of the horizontal hallway.
 - F.V.C.** and **HOR. EXIT** at the end of the vertical hallway.

TYPICAL CORRIDOR WALL [1 HOUR WALL/DOORS
SMOKE-RATED/NON-RATED WINDOWS INSIDE IN SIZE(25% OF
WALL)] CBC 407.3.

- ONE HOUR FIRE/RATED WALL (OCCUPANCY SEPARATION) WITH 60 MIN. DOORS. CBC 508.
- ONE HOUR FIRE/SMOKE RATED WALL (OCCUPANCY SEPARATION) WITH 60 MIN. DOORS. CBC 709.
- TWO HOUR FIRE RATED WALL (SHAFT ENCLOSURE, OCCUPANCY SEPARATION & HORIZONTAL EXIT) WITH 90 MIN. DOORS. CBC 508, 707 & 1022.
- TWO-HOUR FIRE/SMOKE RATED WALL (SHAFT ENCLOSURE/SMOKE COMPARTMENT) WITH 90 MIN. DOORS. CBC 404.4 & 707.
- 3 HOUR RATED WALL (OCCUPANCY SEPARATION) 180 MIN. DOORS. CBC 715.
- 3 HOUR FIRE/SMOKE RATED WALL (OCCUPANCY SEPARATION/SMOKE COMPARTMENT) 180 MIN. DOORS. CBC 404.4 & 715.
- 4 HOUR RATED WALL (OCCUPANCY SEPARATION) 180 MIN. DOORS. CBC 715.
- SMOKE COMPARTMENT/STAIRS—ONE HOUR RATE WITH 60 MIN. DOORS. CBC 407.4, 709 & 715.
- DISCHARGE PATH TO EXIT.

 Suites Shell Space

Finish Floor Elevation=143.30'

LEGEND

AA LOWER LEVEL LIFE SAFETY PLAN

LEGEND