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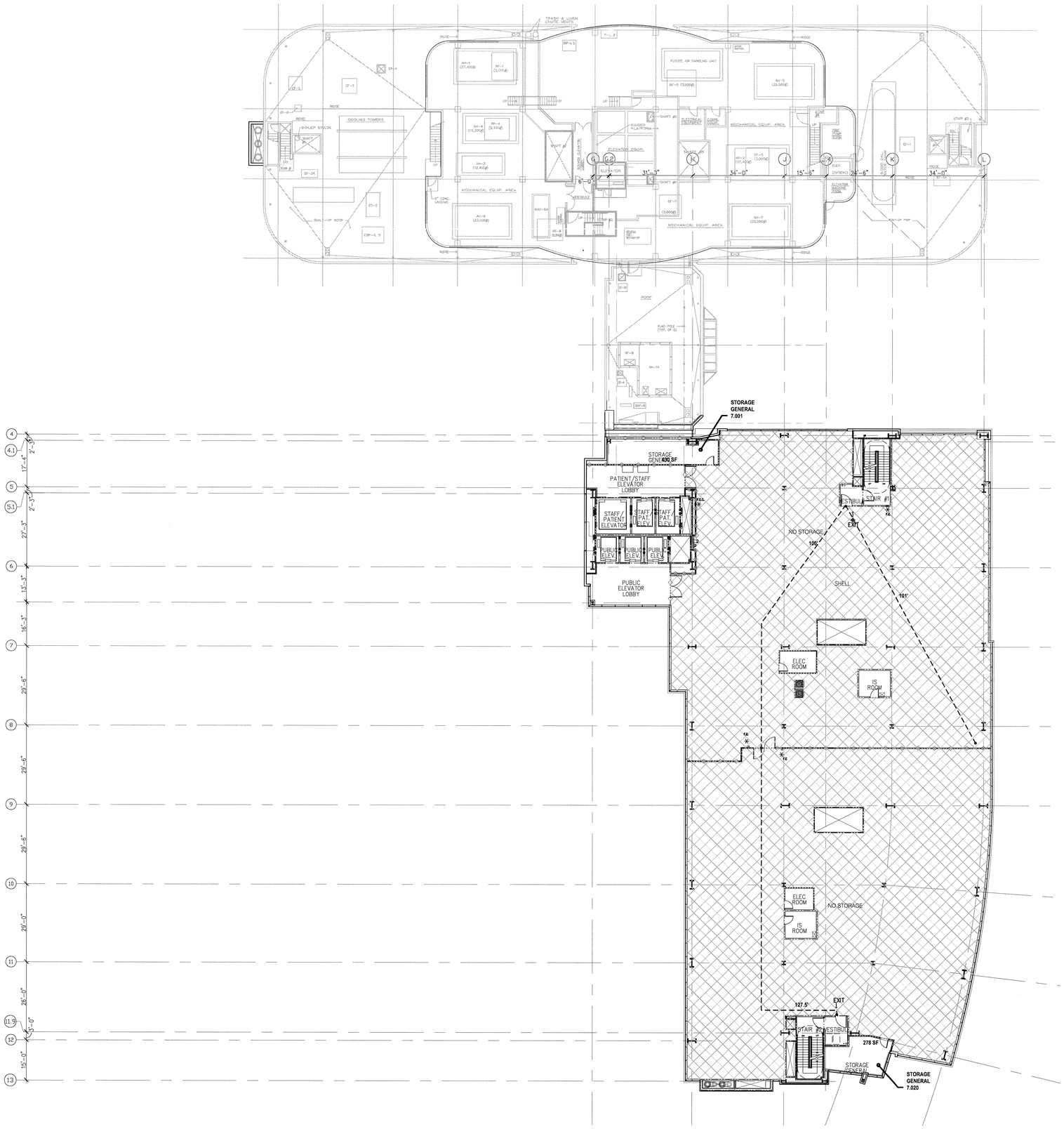


A6 OVERALL LIFE SAFETY PLAN

HOSPITAL GENERAL STORAGE TABULATION (2007 CBC 1224.14.2.12) FOR EXISTING NORTH TOWER . 208 TOTAL BEDS AT 20 SF PER BED = 4,160 SF TOTAL AREA REQUIRED, 1,799 SF PROVIDED.

LEVEL	ROOM NAME	ROOM NUMBER	AREA (SF)	TOTAL (SF)
LOWER	EXISTING STORAGE	LL.1	231	
	EXISTING STORAGE	LL.2	253	484
THREE	EXISTING STORAGE	3.1	109	
	EXISTING STORAGE	3.2	145	
	EXISTING STORAGE	3.3	138	392
FOUR	EXISTING STORAGE	4.1	197	
	EXISTING STORAGE	4.2	149	346
FIVE	EXISTING STORAGE	5.1	200	
	EXISTING STORAGE	5.2	118	318
SIX	EXISTING STORAGE	6.1	259	259
TOTAL				1,799

HOSPITAL GENERAL STORAGE TABULATION (2007 CBC 1224.14.2.12) FOR NEW TOWER EXPANSION. 176 TOTAL BEDS AT 20 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	885
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	741
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	1,261
FOUR	STORAGE GENERAL	4.052.01	65	
	STORAGE GENERAL	4.120	189	
	STORAGE GENERAL	4.082	671	925
FIVE	STORAGE GENERAL	5.081	197	197
SIX	STORAGE GENERAL	6.003	189	
	STORAGE GENERAL	6.120	283	472
SEVEN	STORAGE GENERAL	7.001	430	
	STORAGE GENERAL	7.020	278	708
ROOF	STORAGE GENERAL	R.141	460	460
TOTAL				5,919

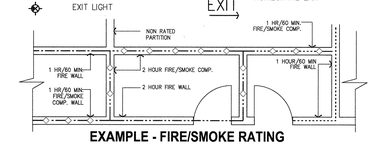
OVERALL HOSPITAL TOTAL	REQUIRED AREA (SF)	PROVIDED AREA (SF)
EXISTING NORTH TOWER I	4,160	1,799
NEW TOWER II	3,520	5,919
OVERALL TOTAL	7,680	7,718

C2 STORAGE TABULATION

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 ROUTING, EGRESS DISTANCES WORSE CASE TO STAIRS OR HORIZONTAL EXIT, FIRE WALLS, OCCUPANT LOADING EXIT CALCULATIONS AND AREAS OF REFUGE CALCULATIONS.
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 RATED; ALL WINDOWS IN TYPICAL CORRIDORS ARE NOT RATED, BUT LIMITED TO 25% OF THE INTERIOR SPACE FACING THE CORRIDOR WALL.
D. SHELLED SPACE IS NOT FOR HOSPITAL USE UNTIL PROPOSED LAYOUT IS REVIEWED AND APPROVED BY OSHPD.
E. IT IS THE INTENT THAT MATERIALS LISTED IN FIRE RATED DESIGNS IN THE DRAWINGS MATCH THOSE PRODUCTS INCLUDED IN THE PROJECT MANUAL (SPECIFICATIONS). SUBMITTAL OF MANUFACTURER'S PRODUCTS LISTED IN THE FIRE RESISTANT RATING TEST, BUT NOT SPECIFIED IN THE PROJECT MANUAL, WILL BE SUBJECT TO REJECTION. THIS INCLUDES BUT IS NOT LIMITED TO ALTERNATE MANUFACTURERS LISTED IN U.L. 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 PREPARATION OF SUBMITTAL DOCUMENTS AND/OR PURCHASE OF MATERIALS OR FABRICATION.
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 OSHPD.
H. SEE PARTITION TYPES AND REFERENCE DETAILS FOR SOUND TRANSMISSION CLASS AND/OR FIRE RESISTANCE REQUIREMENTS.

B2 GENERAL NOTES

F.E. SURFACE MOUNTED FIRE EXTINGUISHER
F.E.C. FIRE EXTINGUISHER CABINET
EXIT DISCHARGE FROM FLOOR
EXIT LIGHT
EGRESS PATH TO EXIT
EGRESS PATH TO SMOKE COMPARTMENT
F.V.C. FIRE VALVE CABINET
HOR. EXIT HORIZONTAL EXIT



EXAMPLE - FIRE/SMOKE RATING

- TYPICAL CORRIDOR WALL [1 HOUR WALL/DOORS SMOKE-RATED/NON-RATED WINDOWS LIMITED 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 SEPERATION & 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 WALLS-ONE HOUR RATE WITH 60 MIN. DOORS. CBC 407.4, 709 & 715.
- DISCHARGE PATH TO PUBLIC WAY

Suites Shell Space

A2 LEGEND

FKP Architects

ARCHITECT OF RECORD
Paul C. Gloriod

LICENSED ARCHITECT
PAUL CHRISTOPHER GLORIOD
C-31500
4/30/2011
RENEWAL DATE
STATE OF CALIFORNIA
01/27/2010

REVISIONS

APPROVAL

REVIEWED IN ACCORDANCE WITH THE REQUIREMENTS OF T24, CCR
APPROVED
JAN 28 2010
Office of Statewide Health Planning & Development
FACILITIES DEVELOPMENT DIVISION

PROJECT NAME
CHILDREN'S HOSPITAL OF ORANGE COUNTY
455 S. Main St.
Orange, CA 92868-3874

TOWER II

CHOC HOSPITAL

PROJECT NUMBER
12011.00
Increment #7

OSHPD - PROJECT NUMBER
IL 072072-30

ISSUE
OSHPD PERMIT

DATE
01/27/2010

SCALE
1/16" = 1-0"

DRAWING TITLE
LEVEL 7 LIFE SAFETY PLAN-B STORAGE AREAS

DRAWING NUMBER
AC2.7B

G:\P-J\CHOC\12002-00\CHOC\SHEETS\ACTIVE\D7\AC2 SERIES\AC2.7B LEVEL 7 LIFE SAFETY PLAN-B.DWG
1/22/2010
AMEHTA