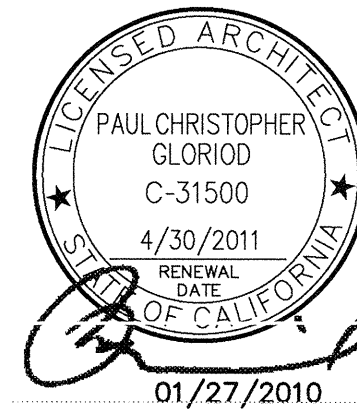


ARCHITECT OF RECORD
Paul C. Gloriod



APPROVAL



APPROVED

APPROVED

JAN 28 2010

Office of Statewide Health
Planning & Development
FACILITIES DEVELOPMENT DIVISION

PROJECT NAME

455 S. Main St.
Orange, CA 92868-3874



PROJECT NUMBER

OSHPD - PROJECT NUMBER
IL 072072-30

ISSUE
OSHDPD PERMIT

DATE
01/27/2010

SCALE _____

1/16" = 1'-0"

LEVEL 5 LIFE SAFETY PLAN-B STORAGE AREAS

DRAWING NUMBER

AC2.5B



A2 LEGEND

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

LEVEL 5 MED/SURG EQUIPMENT STORAGE TABULATION (2007 CBC 1224.29.1.14.6)

NUMBER OF BEDS:	\$F PER BED	TOTAL REQUIRED	ROOM NUMBER	AREA (SF)	TOTAL AREA PROVIDED (SF)
28	20	280	5.099	269	443
			5.143	174	

- A. INFORMATION SHOWN OR REFERENCED ON ENLARGED AND/OR 1/4" SCALE DRAWINGS WILL GENERAL NOT BE SHOWN ON THE SMALLER SCALE DRAWINGS.
- B. PURPOSE OF THESE DRAWINGS; TO SHOW OVERALL BUILDING PLAN ORIENTATION, SMOKE EXHAUST LOCATIONS, SUITED AREAS FOR FIRE FIGHTING CABINET LOCATION, PROPOSED GENERAL COMMENTS, SITED AREAS FOR EGRESS, SIGNAGE, WALKWAYS, STAIRS, AND MINOR MATERIAL EXIT, SIGNS FOR EGRESS ROUTING, EGRESS ASSEMBLIES WORSE CASE SCENARIOS, UNWELDED, EXT. FIX, WALLS, OCCUPANT LOADING EXIT CALCULATIONS AND AREAS OF REFUGE IN CALCULATIONS.
- C. FIRE/SMOKE GRAPHICS LEADING IS THE SAME FOR ALL PLAN SHEETS OF THE SET. TYPICAL CORRIDOR RATING INDICATES MINIMUM ONE HOUR CORRIDOR WALLS, UNLESS OTHER NOTED TO BE HIGHER RATED RESTRICTIONS. ROOMS AND OFFICES ARE NOT REQUIRED TO HAVE A MINIMUM ONE HOUR CORRIDORS ARE NOT RATED, BUT LIMITED TO 25% OF THE INTERIOR SPACE FACING THE CORRIDOR WALL.
- D. SHIELDED SPACE IS NOT FOR HOSPITAL USE UNTIL PROPOSED LAYOUT IS REVIEWED AND APPROVED 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 DATA SHEETS LISTED IN THE PROJECT MANUAL, BUT NOT NECESSARILY IDENTICAL TO THE PROJECT MANUAL WILL BE SUBJECT TO REJECTION. THIS INCLUDES IT 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 RESULTS NOTED IN THE DOCUMENTS AND/OR THE PROJECT MANUAL SPECIFICATIONS, OR IF THERE IS NO TEST REPORT OR CERTIFICAT PRIOR TO PREPARATION OF SUBMITTAL DOCUMENTS AND/OR PURCHASE OF MATERIALS OR EQUIPMENT, 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.
- G. PARTITION TYPE AND REFERENCE DETAILS FOR SOUND TRANSMISSION CLASS AND/OR FIRE RESISTANCE REQUIREMENTS.

* F.E. SURFACE MOUNTED FIRE EXTINGUISHER
 * F.E.C. FIRE EXTINGUISHER CABINET
 * F.V.C. FIRE VALVE CABINET
 * HOR. EXIT HORIZONTAL EXIT

EGRESS PATH TO EXIT
 EGRESS PATH TO SMOKE COMPARTMENT

DISCHARGE FROM FLOOR
 EXIT LIGHT

1 HR/0.50 MIN. FIRE WALL
 2 HOUR FIRE/SMOKE COMP. PARTITION
 1 HR/0.50 MIN. FIRE/SMOKE COMP. WALL
 1 HOUR/0.50 MIN. FIRE WALL

EXAMPLE - FIRE/SMOKE RATING

- TYPICAL CORRIDOR WALL [1 HOUR WALL/DOORS
SMOKE-RATED/NON-RATED WINDOWS INSTALLED 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
90 MIN. DOORS. CBC 715.
- 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.

16 OVERALL LIFE SAFETY PLAN