SERVICES

BASIC SERVICES

tetic Service Space

SUPPORT SERVICES

Central Sterile

rgue/Autopsy

ısekeeping

& Lockers

oloyee Dressing Roc

mentary Surgery

sive Care Unit

ediatric & Adolescent Unit

mergency Services

clear Medicine

Rehabilitation Therapy

spiratory Therapy Servi

atient Service Space

ical Lab

В

REFERENCE

1224.14

1224.16

1224.17

1224.18

1224.20

1224.21

1224.22

1224.23

1224.24

1224.25

1224.26

1224.27

1224.28

1224.29

1224.29.2

1224.30

1224.33

1224.34

1224.35

1224.37

1224.39

Level 3

wer Level

Level 3

Level 2

Levels 1, 2

wer Level

ver Level

Level 8

LowerLevel

ower Level

Levels 1, 3

Lower Level

Level 3

Level 1

Level 3

BASIC SERVICES AND SUPPORT SERVICES

Level 4

·	NΕ	V TO	WER	ij													FUTURE NOR	TH T	OWE	R													
LEVELS	NEW		NEW ACCE	ESS.	NEW ISOL.		NEW & AC	ISOL. CESS.		BER	ACCE ROOF	SSIBL AS	E	ROO	ATION MS			FUTU		FUTU		FUTUI		FUTURE NUMBER ISOL. & ACC. OF				ACCESSIBLE ROOMS			ROOMS		
	BEDS	RMS	BEDS	RMS	BEDS	RMS	BEDS	RMS	BED8	RMS	REQD	PRO	VARI.	REQD	PRO	VARI		BEDS	RMS	BEDS	RMS	BEDS	RMS	BEDS	RMS	BEDS	RMS	REQD	PRO	VARI.	REQD	PRO	
OWER LEVEL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LEVEL ONE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
LEVEL TWO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(NICU & PICU)	28	15	0	0	4	4	0	0	32	19	0	0	0	2	6	
LEVEL THREE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	(MED/SURG & NICU)	39	35	2	. 1	9	9	0	0	50	45	5	1	-4	2	. 9	
LEVEL FOUR (NICU)	64	64	0	0	8	8	0	0	72	72	0	0	0	6	8	2	(MED/SURG)	28	14	4	2	16	16	0	0	48	32	3	2	-1	1	16	
LEVEL FIVE (MED/SURG)	23	23	1	1	2	2	2	2	28	28	3	3	0	2	2	0	(MED/SURG)	28	14	4	2	16	16	0	0	48	32	3	2	-1	1	16	
LEVEL SIX (PICU)	22	22	0	0	2	2	0	0	24	24	0	0	0	2	2	0	(PICU)	26	26	0	. 0	0	0	4	4	30	30	0	2*	2*	2	4	
LEVEL SEVEN (MED/SURG	46	23	6	3	0	0	0	0	52	26	3	3	0	2	2	0		-	-	-	-	-	-	-	-	-	-	0	0	-0	0	0	
SUB-TOTAL	155	132	7	4	12	12	2	2	176	150	6	6	0	12	14	2		149	104	10	5	45	45	4	4	208	158	11	7	-4	8	51	
SUB-TOTAL without ICU	69	46	7	4	2	2	2	2	80	54	6	6	0	4	4	0													\Box				

*INDICATES COUNTING ACCESSIBLE ISOLATION ROOMS TOWARDS AN ACCESSIBLE ROOM

LICENSED BED TABULATION

A DO NOT SCALE DRAWNGS: Use figured dimensions only.

8. FIELD VERIFY all dimensions and conditions before proceeding with the work.

C. ENLARGED PLANS: Where enlarged or partial plans are referenced, dimensions and special requirements are noted on the enlarged plans and are usually omitted on the smaller scale plans.

D. WALL AND PARTITION OFENINGS: Door and window openings are identified by a tag that corresponds to the room number in which the opening occurs or gives occess to. If more than one door or window occurs in a space, each is differentiated with a letter suffix. For all openings see Opening Schedule in lorement #7.

E. NOTES TO SHEET; Note bubbles with inscribed numerals refer to the "Notes to Sheets" column contained on the same sheet. If a note contains wording referencing other consultant's work then it is interred that corresponding documents prepared by the related consultant should be reviewed for more specific information.

If the following words (below left) oppear in the architectural drawings or notes, refer to documents prepared by the corresponding consultants or engineers. (Below right).

"C'Vu" Refer to Civil Documents

"Structural" Refer to Structural Documents

"Interiors" Refer to Mechanical Documents

"Interiors" Refer to Mechanical Documents

"Equipment" Refer to Equipment Documents

"Equipment" Refer to Equipment Documents

"Graphics" Refer to Graphics Documents

"Graphics" Refer to Graphics Documents — (Q Series)

"Telecom/Security" Refer to Telecom Documents — (AS Series)

"Telecom/Security" Refer to Telecom Documents — (AS Geries)

"Telecom/Security" Refer to Telecom Document — (T/TA/TN/TY Series)

F. EXTRIQOR ELFVATIONS: Exterior building elevations are referenced on plan sheets. Horizontal dimensions appear on

F. EXITERIOR FLEVATIONS: Exterior building elevations are referenced on plan sheets. Horizontal dimensions appear on plans. Vertical dimensions appear on elevations or referenced sections or details. In the event of a partially conceale building elevation, segment or soffit, it is the intent that exterior materials extend continuously to for a complete,

building elevation, segment or soffit, it is the intent that exterior materials extend continuously to form a complete, weather tight enclosure.

O DETALE: Details may be referenced by symbol or by "Notes to Sheet" references. Keyed or noted details represent the desired configuration and finishes for all similar conditions.

NEMEDIAE: Details may be referenced by symbol or by "Notes to Sheet" references. Keyed or noted details represent the desired configuration and finishes, see "Finish Schedule(s)" located in Specification Division 09. For door schedules refer to sheets A11.0.1 – A11.0.7. Hardware schedule refer to specification division 08.

LEXISTING CONDITIONS: Only the areas described in the Project Scope have been field verified. "Field Verified" means that existing partitions have been partially located, most of the M.E.P. items have been located, and most of the architectural elements located. Areas that are concealed or otherwise not accessible have not been rified. Other areas in the building not in the Project Scope have not been field verified. The partitions shown in the renovated areas are derived from Owner provided documents. The existing smoke comportment square footages are derived from Owner provided documents. The existing smoke comportment square footages are derived from Owner provided movements. Revisions to these square footages are based on this information. J. The note "No WORK IN THIS AREA OR COMPARTIMENT" is a general statement. Some M.E.P. work and architectural work may be required in these areas to complete a system to operational status. These areas may require minor renovation, touch up work, or repairs due to verification of existing conditions (i.e. previously inaccessible areas) pertinent to the scope of Work. Owner Furnished Owner installed items noted on the plans are provided under pervended under

Mechanical, Electrical & Plumbing-Site Work

Uni

Wechonical, Electrical & Plumbing—Site Work
Landscape
Architecture Base Plans
Architecture Exterior Elevations, Sections, Details
Architecture Tenant Build Out
Interiors
Medical Equipment
Structure
Miscellaneous Structure
Mechanical
Plumbing
Electrical — Lighting/Power
Electrical — Lighting/Power
Electrical — Communication/Fire
Telecom
Nurse Call
Security
Audio / Visual
Food Service

Volume Four B Volume Five A Volume Five B Volume Five C Volume Six A

Volume Six C Volume Six D

L. <u>Project Monual</u>:

Volume One – Sections 00 thru 14

Volume Two – Sections 21 thru 23

Volume Three – Sections 26 thru 33

Volume Four – Sections 27 thru 28

Deferred Approval Number	Title	Incr.#
1	Structural Boiler Flues Supports	7
········	Metal Panel System	1 86
	Fire Pump and Tank	6
13	Curtainwall, Glazing, anchorage	6
2	Elevator Equipment & Guideralls	6
	Mindow Mach Equip, Suppl/Tip back	6
14	Fire Alarm System	7 & 13
16	Fire Supression System including kitchen hood, pre-action system and AFFF for Helistop Rediction Shiolding TASF Childring (MRI)	7 7 7
15	Pneumatic Tube	7 & 13
	Signage & Anchorage	7 & 13
	MEP Seismic Bracing:	7
5	Lower Lev. OH Pipe, ducts, conduit & Cable Tray	7
4	Level 1 OH Pipe, ducts, conduit & Cable Tray	7
6	Level 2 OH Pipe, ducts, conduit & Cable Tray	7
7	Level 3 OH Pipe, ducts, & conduit	7
8	Level 4 OH Pipe, ducts, & conduit	7
9	Level 5 OH Pipe, ducts, & conduit	7
10	Level 6 OH Pipe, ducts, & conduit	7
11	Level 7 OH Pipe, ducts, & conduit	7
12	Roof Level OH roof bracing of pipe, ducts & Conduit	7
3	All Duct and Pipe Riser Supports	7
	Deferred Approval- Special Seismic Certifications Hazardous Material List and MSDS Sheets	7

NEW TOWER II NPC 4 SPC 5 EXISTING NORTH TOWER (TOWER I) NPC 2 SPC 3

Separation between existing North Tower and Tower II hours fire/ smoke partition.

Existing North Tower has smoke evaluation system, Tower II using 2007 CBC will not require a similar system. Confirm with city of Orange via e-mail dated January 24, 2008. OSHPD Requirements

Non-structural Equipment Anchorage (see Increment 5 structure volume 3B). Includes the following: a. The equipment has an operating weight over 400 pounds and is mounted directly on the floor or

roof, or: b The equipment has an operating weight over 20 pounds and is suspended from the roof, floor, or wall or is suppported by vibration isolation devices.

Equipment Anchorage Detailing

Anchorage of all equipment to be installed, as part of this project shall be detailed on these plans, except for the following;

Equipment weighing less than 400 pounds supported directly on the floor or roof.
 Furniture (except as noted in Table 16A-o).
 Temporary or movable equipment (except as noted in Table 16-O).
 Equipment weighing less than 20 pounds supported by vibration isolators.
 Equipment weighing less than 20 pounds suspended from a roof or floor or hung from a wall.

Permanent equipment in items 1,4, and 5 must be supported and anchored to resist the forces prescribed by Section 1632A and the anchorage shall be approved by the appropriate Design Professional of Record and OSHPD as part of field reviews/observations. The Inspector of Record shall assure that the above requiremnts are inforced.

Existing North Tower

Group I-2 occupancy Type 1 construction type Fully sprinkled Auto fire alarm

Existing North Tower Annex

Group B occupancy — temporary (Temporary ended) functions removed, with exception of Level 2. At time of connection into Tower II, Annex will be reclassified as Group I—2. Annex is Type 1 construction, fully sprinkled, auto fire alarm.)

GENERAL CONTRACTOR MUST FOLLOW CHOC'S INTERIM LIFE SAFETY MEASURES (ILSM), ISSUED UNDER SEPARATE COVER BY OWNER.

Regulatory Requirements:
The building is classified as a Type 1A Construction, high rise, under CBC, considering the floor plan area, number of stories the non-combustible construction of the building structure and the use of the existing building fully automatic sprinkler system.

Applicable Codes: The following are the enforcable codes for facilities under the authority of the Alfred E. Alquist Hospital Facilities Seismic Safety Act of 1983: Application means the submission of a Preliminary or Final Application for Plan Review.

2007 California Building Standords Administrative Code
Port 1, Title 24, California Code of Regulations (CCR)
2007 California Building Code
Port 2, Title 24, CCR
(2006 IBC and 2007 California Amendments)
2007 California Electrical Code
Port 3, Title 24, CCR
(2005 NEC and 2007 California Amendments)

(2005 NEC and 2007 California Amendments) 2007 California Mechanical Code Part 4, Title 24, CCR

(2006 UMC and 2007 California Amendments)

(2006 UPC and 2007 California Amendments) 2007 California Fire Code
Part 9, Title 24, CCR
(2006 IFC and 2007 California Amendments)

2007 California Energy Code 2006 NFPA 101 Life Safety Code Various references to other NFPA Code section via Chapter 18, 7, 8, 9, 10 & 11. This Codes include but not limited to:

2003 MPPA 14 Installation of Standpipe and Hose Systems

2003 NFPA 13 installation of Sprinkler Systems 2002 NFPA 13 installation of Sprinkler Systems 1999 NFPA 80 Fire Doors and Fire Windows 2002 NFPA 10 Fire Extinguishers 2005 NFPA 99 Healthcare Facilities 2005 NFPA 72 National Fire Alarm Code 2005 NFPA 110 Emergency and Standby Power Systems 2003 NFPA 20 Installation of Stationary Pumps for Fire Protection

Protection
2002 NFPA 37 Installation and Use of Stationary Combustion
Engines and Gas Turbines.
2005 NFPA 54 National Fuel Gas Code
NFPA 70 National Energy Code

Other References: 2007 ASHRAE 90.1 2003 ANSI A117.1 Elevator Safety Code Regulatory Requirements:

The building is classified as a Type 1A Construction, high rise, under CBC, considering the floor plan area, number of stories the non-combustible construction of the building structure and the use of the existing building fully automatic sprinkler system.

Applicable Codes: The following are the enforcable codes for facilities under the authority of the Alfred E. Alquist Hospital Facilities Seismic Safety Act of 1983:

Occupancy Classification: Group I—2, Institutional / Healthcare
(Major Occupancy) Group B, Business

level 1 - Business functions / inputient functions (Group B : Group I-2) Floor area containing floor opening and exterior exit located in Group B

Level 2 — Business functions/ Inpatient functions (Group B; Level 3 - Surgery (Group I-2)

Levels 3 thru 7 - Patient beds (Group I-2)

Construction Type: Type IA, Fully Sprinkled ASCE/SEI 7-05 Wind Uplift:

Fire Resistive Requirements Structural Frame

3 hours (CBC Table 601, Section 403,3,1) Structural Frame
Exterior Bearing Walls
Interior Bearing Walls
Ext. Non—Bearing Walls
0 to 30 feet
>30 feet 3 hours (CBC Table 601, Section 403.2.1) 3 hours. (CBC Table 601, Section 403.3.1)

1 hour (CBC Table 602)
0 hour
Non rated; Corridor walls rated for one hour/20 minutes; doors can be non-rated; windows non-rated up to 25% of interior wall facing corridor.
2 hours (CBC Table 601(g)) Floors

1 1/2 hours (CBC Table 601) Shafts / Stairs 2 Hours (CBC Section 707.4 & 1020.1) Travel Distance (Max. Allowable); I-2 = 200 feet (CBC-Table 1016.1)

B. From any point in a sleeping room and and exit access door I-2 = 50 feet (CBC-Table 1014.2.2.5) I-2 = 50 feet (LSC-Table 18.2.6.2.3)

 $1-2 = 20^{\circ}-0^{\circ}$ Maximum (CBC-Section 1017.3) Dead End Corridors: B = 50'-0"11" Treads/ 7" risers maximum.

i-2 = 100 feet (CBC-Table 1014.2.2.5)

44" Between handrails (CBC-Section 1009.1) All locations. Minimum width Area of Refuge Stair 1 & 2 48" Retween handrails

Maximum run between 6' - 8" Minimum head height

C. From any point in a suite of

sleeping rooms and an exit access door of that suite

Required for buildings over 4 stories Stairs to roof

Group 1—2: Stair width based upon load on largest floor; 0.2 inches per occupant per door width; 0.3 inches per occupant for stair

Group B: 32" for business floors (CBC-Section 1008.1.1) Minimum door width: 44" for Sleeping rooms, Diagnostic and Treatment areas (CBC—Section 1008.1)

Occupancy Separations:

A. Between Assembly and Healthcare B. Between Assembly, Offices, Mecantile and Storage
C. Between Moderate and Low Storage
D. Between Loboratories and others
E. Between Business and Healthcare
C. Between Factory Industrial F1 and Healthcare
C. Between Storage S2 and Healthcare
C. Between Storage S2 and Healthcare
C. Hours

Corridor Width:

8'-0" Minimum in patient areas; Business areas 44" minimum

Ceiling Height: 8'-0" Minimum.

Smoke Barrier Walls:

1 HR construction / 60 minute opening protection smoke

High Rise Requirements:

Existing North Tower: Fire Command Center is located on the first floor Southwest corner. New Tower: Fire Command Center is located on the first floor Northwest corner. Adjacent access to both on Providance Street.

Stairs in high rise component required to be pressurized. Smoke vestibule at occupied levels. Provide 2-way communication system connected to an approved constantly attended station at lower level. See Telecom Drawings in Increment #7 2007 CBC 403.12.1.

Elevators lobbies required on all floors; except ground level floor per CBC Section 707.14.1. Electrical, detection, alarm, communication, automatic sprinkler systems and emergency lighting systems per NFPA 101, NFPA 13 and CBC.

A secondary on-site water supply equal to the hydraulically calculated sprinkler demand, including the hose stream requirement with a duration of not less than 30 minutes as determined by the occupancy hazard classification in accordance with NFPA 13, shall be provided for high-rise buildings and I-2 Occupanies having occupied floors located more than 75' above the lowest level of the fire department vehicular access per 2007 CFC 903.3.5.2 and 914.3.1.

ADA accessibility is required for all entrances to the building, and parking areas are required along a

Area of refuge assistance is required, areas identified on life safety plans. (CBC Section 1007.6) Provide 2—way communication system between the area of refuge and a central control point. Location of the central control point shall be approved by the fire department. This system shall include both audio and visible signals. See Telecom Drawings in Increment #7. Signage and graphics per 1007.7, 1007.6.4 and 1007.6.5. See Graphics Drawings in Increment #8. 2007 CBC 1007.7.6.3 and 1007.6.5.1.

Occupant loading: Based on SF per Occupant - CBC Table 1004.1.1

A. Offices
B. Storage, mechanical, electrical rooms C. Lounge, conference/waiting rooms, cafeteria roof garden D. Retail (street level) 7 net 200 gross 15 net 240 gross 100 gross 120 gross 50 gross. F. Kitchen
G. Dining
H. Inpatient treatment areas
I. Out Patient areas
J. Sleeping areas
K. Locker rooms

Elevators:

Maximum three per shaft, Physical separation required between each elevator.

OSHPD/FDD-Field Review Track SPINION TO PIECE Review Tracking
Project (LOTYCT) 2 - 30
PAD PROP - 02.3 98
Acceptable A AC D X Refer
Mechanical A AC D X Refer
Bedrical A AC D X Refer
DSE
Situative A AC D & Refer

(A3) CODE SUMMARY

Basement - Offices and Labs (Group B) No "non-ambulatory patients

ARCHITECT OF RECORD Paul C. Gloriod



FKP Architects

REVISIONS

2592

127



OF ORANGE COUNTY 455 S. Main St. Orange, CA 92868-3874

TOWER II



PROJECT NUMBER 12011.00

Increment #7 OSHPD - PROJECT NUMBER

IL 072072-30 OSHPD PERMIT

01/27/2010

DRAWING TITLE

SCALE

ARCHITECTURAL INFORMATION

A0.2 3

EXISTING NORTH TOWI

Levels 3, 4, 5

wer Level, Level 1, Le

Level 1

Lower Level

Level 2

Level 1*

Lower Level

Lower Level

Levels 3, 4, 5

FUTURE

3

2