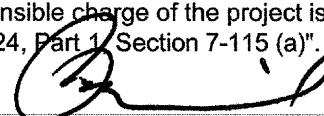


FKP Architects

ARCHITECT OF RECORD

"Architect of Record signature line only; this drawing was not prepared under the direct supervision of the Architect of Record. The direct responsibility for preparation of this sheet lies with its corresponding professional stamp and signature. The signature of the Architect of Record in general responsible for the project is provided as required by Title 24, Part 2, Section 7-115 (a)." 

ARCHITECT - PAUL C. GLORIOD

CONSULTANT

 TAYLOR & GAINES

• STRUCTURAL
• MECHANICAL
• ELECTRICAL
• CIVIL

100 South Anaheim Boulevard, Suite 150
Anaheim, California 92805
Phone: 714.490.5555 Fax: 714.490.5560
Project No. 2305-163-07

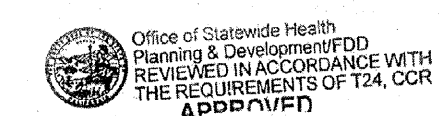


Changes on these drawings do not consist of materials altered changes to approved drawings and don't require a change order.
OSHPD review ACO
OSHPD review FLSO
OSHPD review DSE

REVISIONS

	05/19/2010	CHANGE ORDER #11
	06/04/2010	CHANGE ORDER #30
	06/12/2010	CHANGE ORDER #32
	09/02/2010	CHANGE ORDER #81
	09/21/2011	CHANGE ORDER #278

APPROVAL



Office of Sustainable Health Building & Development
INSTRUCTION BULLETIN
OPERATED APPROVAL

CHANGE ORDER CO#278
INSTRUCTION BULLETIN
OPERATED APPROVAL

PROJECT NAME

CHILDREN'S HOSPITAL
OF ORANGE COUNTY

455 S. Main St.
Orange, CA 92668-3874

RECEIVED
TOWER II September 21 2011
McCarthy



PROJECT NUMBER

12011.00
Increment #7

OSHPD - PROJECT NUMBER
IL 072072-30

ISSUE

OSHPD PERMIT

DATE

01/27/2010

SCALE

NONE

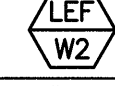
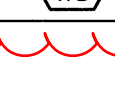
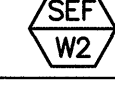
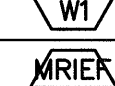
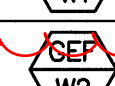
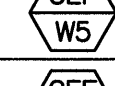
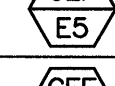
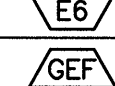
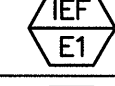
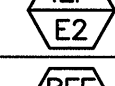
DRAWING TITLE

EQUIPMENT SCHEDULES

DRAWING NUMBER

M0.09

EXHAUST FAN SCHEDULE

SYMBOL	LOCATION	SERVICE	CATALOG DATA		TYPE	CLASS	ARR	FAN DATA								MOTOR				EMERGENCY POWER REQ'D	OPERATING WEIGHT LB	ANCHORAGE REFERENCE DETAIL	REMARKS	
			COMPANY NAME	MODEL TYPE				CAPACITY CFM	ESP (IN)	FAN RPM	OUTLET VELOCITY FPM	FAN BHP	WHEEL DIA IN	SOUND DATA LWA (dB)	HP	RPM	VOLT/PH/HZ	VFD						
	WEST ROOF	MYCOLOGY	COOK	110-MHA-SD	IMH	1	10	2,000	5.5	1914	3500	3.09	11.0	87	7.5	1750	460/3/60	YES	YES		600	1/M10.04	1. DRAIN. 2. FLANGED INLET & OUTLET. 3. BELT GUARD & WEATHER COVER. 4. BAKED EPOXY POWER PAINT WITH UV OVER COATING. 5. PREMIUM EFFICIENCY MOTOR. 6. REFER TO THE SPECIFICATIONS FOR SPECIAL COATING REQUIREMENTS.	
	WEST ROOF	MORGUE	COOK	130-MHA-SD	IMH	1	10	3,000	6.0	1701	1292	5.04	15.0	89	10	1725	460/3/60	YES	YES		1,000	1/M10.04		
	WEST ROOF	CORE LAB	COOK	170-MHA-SD	IMH	1	10	4,000	4.0	1048	2515	4.43	17.0	83	7.5	1725	460/3/60	YES	YES		1,100	1/M10.04		
	WEST ROOF	PATHOLOGY LAB BASEMENT	COOK	170-MHA-SD	IMH	1	10	4,000	4.0	1048	2515	4.43	17.0	83	7.5	1725	460/3/60	YES	YES		1,100	1/M10.04		
	WEST ROOF	PATHOLOGY LAB BASEMENT	COOK	170-MHA-SD	IMH	1	10	4,500	4	1081	2829	5.1	17.0	85	10	1725	460/3/60	YES	YES		1,100	1/M10.04		
	WEST ROOF	SPD	COOK	365 CPS-A	ACB	1	10	14,000	3	843	1827	9.03	36.5	93	15	1725	460/3/60	YES	YES		1,600	4/M10.04	1. DRAIN. 2. FLANGED INLET & OUTLET. 3. BELT GUARD & WEATHER COVER. 4. BAKED EPOXY POWER PAINT WITH UV OVER COATING. 5. PREMIUM EFFICIENCY MOTOR. 6. REFER TO THE SPECIFICATIONS FOR SPECIAL COATING REQUIREMENTS.	
	WEST ROOF	CART WASHER	COOK	90 MHA-SD	IMH	1	10	1,250	3.5	1993	2727	1.46	9.0	85	3	3450	460/3/60	YES	YES		500	1/M10.04		
	WEST ROOF	1ST FLOOR HOT LAB	COOK	110-MHA-SD	IMH	1	10	2,000	4.5	1779	3500	2.61	11.0	85	7.5	1750	460/3/60	YES	YES		600	1/M10.04		
	WEST ROOF	FROZEN SECTION 3RD FLOOR	COOK	150-MHA-SD	IMH	1	10	3,500	3.5	1172	2328	3.62	15.0	84	7.5	1725	460/3/60	YES	YES		1000	1/M10.04		
	WEST ROOF	MRI EXHAUST	COOK	150-MHA-SD	IMH	1	10	3,500	2.5	1059	2661	2.86	15.0	82	5	1750	460/3/60	YES	YES		1000	1/M10.04		
	WEST ROOF	MRI EXHAUST	COOK	150-MHA-SD	IMH	1	10	3,000	2.5	996	2586	2.26	15.0	79	5	1750	460/3/60	YES	YES		1000	1/M10.04	REMARKS: FUTURE MOBIL MRI	
	WEST ROOF	SECOND FLOOR KITCHEN	COOK	180CA	SWSI	1	10	3,800	3	1744	2043	2.53	18.0	86	5	1725	460/3/60	YES	YES		600	2/M10.04	1. DRAIN 2. FLANGED INLET & OUTLET 3. BELT GUARD & WEATHER COVER. 4. GREASE TROUGH AND UL 762. 5. PREMIUM EFFICIENCY MOTOR WITH HIGH TEMP PAINT	
	WEST ROOF	SECOND FLOOR SERVERY	COOK	150CA	SWSI	1	10	2,200	2	1805	1705	1.29	15.0	84	3	1725	460/3/60	YES	YES		500	3/M10.04		
	WEST ROOF	3RD & 4TH FLOOR ISO. ROOMS	COOK	170 MHA-SD	IMH	1	10	4,000	6	1237	2515	6.55	17.0	83	10	1725	460/3/60	YES	YES		1,100	1/M10.04		
	WEST ROOF	BASEMENT GENERAL EXHAUST	COOK	540 CA	SWSI	1	10	40,000	3.5	646	2364	30.1	54.0	93	40	1725	460/3/60	YES	YES		4,500	5/M10.04		
	WEST ROOF	1ST FLOOR GENERAL EXHAUST	COOK	402 CPS-A	ACB	1	10	20,000	3.0	795	2125	10.9	40.2	90	20	1725	460/3/60	YES	YES		1,910	10/M10.04		
	WEST ROOF	GENERAL EXHAUST LEVEL 2,3 & 4	COOK	445 CPS-A	ACB	1	10	25,000	3.5	751	2194	18.7	44.5	91	25	1725	460/3/60	YES	YES		2,520	7/M10.04	1. DRAIN. 2. FLANGED INLET & OUTLET. 3. BELT GUARD & WEATHER COVER. 4. BAKED POLYESTER POWDER. 5. PREMIUM EFFICIENCY MOTOR.	
	WEST ROOF	GENERAL EXHAUST LEVEL 2,3 & 4	COOK	445 CPS-A	ACB	1	10	30,000	3.0	773	2609	20.6	44.5	93	30	1725	460/3/60	YES	YES		2,520	7/M10.04		
	WEST ROOF	LEVEL 3 - STORAGE CYLINDER	COOK	60 CPV	CPV	1	10	200	1.5	348	5734	0.21	0.60	72	3/4	1725	120/1/60	YES	YES		250	1/M10.08		
	LEVEL 3 WEST ROOF	LEVEL 3	COOK	300RH11B	ACRU-HP	1	10	6,500	1.5	845	-	2.96	30	69	5	1725	460/3/60	YES	YES		500	3/M10.08		1. VFD LOCATED IN MECHANICAL ROOM 3.001
	TOWER II ROOF (EAST)	BASEMENT, 1ST AND 2ND FLOOR	COOK	540 CA	SWSI	1	10	40,000	3.5	646	2364	30.1	54.0	93	40	1725	460/3/60	YES	YES		4,500	9/M10.04		1. DRAIN. 2. FLANGED INLET & OUTLET. 3. BELT GUARD & WEATHER COVER. 4. BAKED POLYESTER POWDER. 5. PREMIUM EFFICIENCY MOTOR.
	TOWER II ROOF (EAST)	3RD AND 4TH FLOOR (NORTH)	COOK	402 CPS-A	ACB	1	10	20,000	3	754	1879	11.2	40.2	88	20	1725	460/3/60	YES	YES		1,910	6/M10.04		
	TOWER II ROOF (EAST)	5TH THRU 7TH FLOOR (NORTH)	COOK	402 CPS-A	ACB	1	10	22,000	3	810	2363	14.6	40.2	91	20	1725	460/3/60	YES	YES		1,910	6/M10.04		
	TOWER II ROOF (EAST)	5TH THRU 7TH FLOOR (SOUTH)	COOK	402 CPS-A	ACB	1	10	17,500	3	754	1879	11.2	40.2	88	20	1725	460/3/60	YES	YES		1,910	6/M10.04		
	TOWER II ROOF (EAST)	3RD AND 4TH FLOOR (SOUTH)	COOK	402 CPS-A	ACB	1	10	22,000	3	810	2363	14.6	40.2	91	20	1725	460/3/60	YES	YES		1,910	6/M10.04		
	TOWER II ROOF (EAST)	3RD FLOOR DECONTAMINATION	COOK	110-MHA-SD	IMH	1	10	3,000	2.75	1823	4545	3.60	11.0	90	5	1725	460/3/60	YES	YES		500	1/M10.04	1. MIN. 2 BELTS WITH BELT GUARD & WEATHER COVER. 2. BAKED POLYESTER POWDER. 3. PREMIUM EFFICIENCY MOTOR.	
	LEVEL 1 ROOF (EAST)	CHOC NORTH PHAMARCY LEVEL 1	COOK	195RX9B	ACRO-HP	-	-	1,500	2	1598	-	0.96	19.5	66	2	1725	460/3/60	YES	YES		250	3/M10.08		1. PROVIDE ROOF CURB
	TOWER II ROOF (EAST)	ROOF - STORAGE	COOK	150 SQN10D	SQN-D	1	10	1000	0.5	359	4209	0.171	10	57	1/3	1725	120/1/60	NO	YES		200	2/M10.09		1. WHEEL REDUCED 33% BANDED 2. FAN SPEED CONTROL 5A 120V PREWIRED
	TOWE II ROOF (EAST)	BASEMENT UPS ROOM	COOK	110-MHA-SD	IMH	1	10	1,500	2.75	1308	2272	1.12	11.0	77	5	1725	460/3/60	YES	YES		500	1/M10.04		1. DRAIN. 2. FLANGED INLET & OUTLET. 3. BELT GUARD & WEATHER COVER. 4. BAKED POLYESTER POWDER. 5. PREMIUM EFFICIENCY MOTOR. 6. PROVIDE EXPLOSIVE PROOF MOTOR.
	TOWER II ROOF (EAST)	3RD THRU 7TH (ISO. ROOMS)	COOK	260-MHA-SD	IMH	1	10	15,000	6	923	4200	28.4	26	94	40	1725	460/3/60	YES	YES		1700	8/M10.04		
	TOWER II ROOF (EAST)	FIRST FLOOR (ISO. ROOMS)	COOK	110-MHA-SD	IMH	1	10	1,500	6	1851	2272	3.06	11.0	96	5	1725	460/3/60	YES	YES		500	1/M10.04		
	TOWER II ROOF (EAST)	CHILLER ROOM	COOK	24XMPH	XMPH			3000	0.75	1338	897	1.0	24	75	1.5	1725	460/3/60	YES	YES		300	5/M10.07		
	TOWER II BASEMENT	GENERATOR ROOM EXHAUST FAN	COOK	270SQIB	SQI-B			8,000	1.0	792	757	2.47	27	68	5	1725	460/3/60	YES	YES		600	2/M10.08	1. FLANGED INLET & OUTLET. 2. BELT GUARD & WEATHER COVER. 3. BAKED POLYESTER POWDER. 4. PREMIUM EFFICIENCY MOTOR.	
	NORTH TOWER	MEDICAL GAS MANIFOLD ROOM	COOK	100C2B	ACE-B			400	1.0	1316	153	0.16	15	61	1/4	1725	460/3/60	YES	YES		150	7/M10.08	5. CONTROL-AUTOMATIC RESET AFTER GENERATOR TEST.	

NEW SUPPLY FAN SCHEDULE

SYMBOL	LOCATION	SERVICE	CATALOG DATA		FAN DATA										MOTOR				EMERGENCY POWER REQ'D	OPERATING WEIGHT LB	ANCHORAGE REFERENCE DETAIL	REMARKS	
			COMPANY NAME	MODEL TYPE	TYPE	CLASS	ARR	CAPACITY CFM	ESP (IN)	FAN RPM	OUTLET VELOCITY FPM	FAN BHP	WHEEL DIA IN	SOUND DATA LwA (dB)	HP	RPM	VOLT/PH/HZ	VFD					
 SF B1	NORTH TOWER	MEDICAL GAS MANIFOLD ROOM	COOK	150SQI-HP	SQI-B				400	1.0	1316	153	0.3	15	61	1	1725	460/3/60	YES	YES	600	4/M10.07	

STAIR PRESSURIZATION FAN SCHEDULE

SYMBOL	LOCATION	SERVICE	CATALOG DATA		TYPE</
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