

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 1, Section 7-115 (a)7.

CONSULTANT
T M A D
TAYLOR & GAINES
• STRUCTURAL
• MECHANICAL
• ELECTRICAL
• CIVIL
100 South Anaheim Boulevard, Suite 150
Anaheim, California 92805
Phone: 714.490.5555 Fax: 714.490.5580
Project No. 2305-163-07

REGISTERED PROFESSIONAL ENGINEER
No. 22257
Exp. 12/31/11
MECHANICAL
STATE OF CALIFORNIA
Changes on these drawings do not consist of materially altered changes to approved drawings and don't require a change order.
OSHPO review ACO
OSHPO review FLSD
OSHPO review DSE

REVISIONS
04/15/2011 CHANGE ORDER #135

APPROVAL
Office of the County Auditor
RECEIVED IN ACCORDANCE WITH THE REQUIREMENTS OF THE CCA
CHANGE ORDER #135
INSTRUCTION BULLETIN
DEFERRED APPROVAL
12/6

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

TOWER II
RECEIVED
SEPT. 21 2011
McCARTHY
CHOC
HOSPITAL

PROJECT NUMBER
12011.00
Increment #7
OSHPO - PROJECT NUMBER
IL 072072-30

ISSUE
OSHPO PERMIT
DATE
01/27/2010
SCALE
NONE
DRAWING TITLE
EQUIPMENT SCHEDULES

DRAWING NUMBER
MO.11

AIR HANDLING UNIT SCHEDULE(ANNEX)

ID NUMBER	LOCATION	SERVICE AREA	CATALOG DATA		SUPPLY FAN DATA (FAN PERFORMANCE FOR EACH FAN, TYP. FOR TWO)										CLG COIL ID NO	HTG COIL ID NO	FILTER ID NO	RETURN FAN DATA (FAN PERFORMANCE FOR EACH FAN, TYP. FOR 2)										VIBRATION ISOLATOR			MINIMUM OSA %	EMERGENCY POWER REQ'D	OPERATING WEIGHT LB	ANCHORAGE REFERENCE DETAIL						
			COMPANY NAME	MODEL SIZE	MODEL SIZE	TYPE	CLASS	MAX AIR FLOW CFM	ASP INT (IN)	ASP EXT (IN)	FAN RPM	OUTLET VELOCITY FPM	FAN BHP	WHEEL DIA IN				MOTOR			MAX AIR FLOW CFM	ASP INT IN	ASP EXT IN	FAN RPM	OUTLET VELOCITY FPM	FAN BHP	WHEEL DIA IN	MOTOR							BASE TYPE	SPRING TYPE	MIN STATIC DEF (IN)			
																		HP	RPM	V/PH/HZ								HP	RPM	VOLT/PH/HZ										
(E) 17	ROOF LINK BUILDING	6TH FLOOR	PAGE	B-18 W-138	(2) B-18	BELT DRIVE DWD	I	16,000	4.5	2.75	2170	-	-	18	20	1750	460/3/60	(E)	(E)	(1)	(1) PF-36 AF	BELT DRIVE PLENUM FAN	I	14,000	-	1.50	578	-	-	36	7.5	1750	460/3/60	-	-	-	30	Yes	13,000	EXISTING

(1) EXISTING AIR HANDLER UNIT HAS 30% PREFILTERS AND 95% FINAL FILTERS

COOLING COIL SCHEDULE(ANNEX)

ID NUMBER	LOCATION	SERVICE	MANUFACTURE	QTY	MODEL & TYPE	COIL CAPACITY								TOTAL LOAD MBH	SENSIBLE LOAD MBH	MINIMUM COIL			MAX PD		COIL WORK PRESS PSI	REMARKS
						FLOW CFM	ENT AIR °F	LV AIR °F	WATER °F	ENT	LV	GPM	ENT			AREA SQ FT	FACE VEL	ROW NO	FIN/IN	WTR FT	AIR IN	
(E) CC-14	ROOF LINK BUILDING	PAGE				14,000	84	66	55	53	42	52	95	447,000	567,000	-	-	-	-	-	-	

PRESSURE INDEPENDENT DUAL DUCT TERMINAL UNIT(ANNEX)

ID NUMBER	LOCATION	NOMINAL BOX SIZE	CATALOG DATA		CAPACITY		BOX CONNECTION		DUCT CONNECTION		NOISE CRITERIA		EMERGENCY POWER REQ'D	OPERATING WEIGHT LB	ANCHORAGE REFERENCE DETAIL	REMARKS
			COMPANY NAME	MODEL TYPE	MAX CFM	MAX SP DROP IN OF WATER	INLET IN	OUTLET IN	TO MAIN (IN) ROUND	RECT	INLET STATIC PRESS	RAD				
17	CEILING	23X27	TITUS	DEDV-8	900	0.10	8	7x8	10	12X10	1.00	21	20	YES	55	-
17	CEILING	27X27	TITUS	DEDV-10	1400	0.28	10	10x11	10	12x12	1.00	22	23	YES	55	-
ALL BOXES SHALL BE DOUBLE WALL CONSTRUCTION W/ SOUND ATTENUATOR																

RFI 5058-
No new
DCV units
to be
installed.

EXHAUST FAN SCHEDULE(ANNEX)

ID NUMBER	LOCATION	SERVICE	CATALOG DATA		FAN DATA										MOTOR			VIBRATION ISOLATOR			EMERGENCY POWER REQ'D	OPERATING WEIGHT LB	ANCHORAGE REFERENCE DETAIL
			COMPANY NAME	MODEL TYPE	TYPE	CLASS	ARR.	CAPACITY CFM	STATIC PRESS IN	FAN RPM	OUTLET VELOCITY FPM	FAN BHP	WHEEL DIA IN	SOUND DATA LwA (dB)	HP	RPM	VOLT/PH/HZ	VFD WITH BYPASS	BASE TYPE	SPRING TYPE	MIN STATIC DEF. (IN)		
(E) 8	SECTION D ROOF	GENERAL EXHAUST	PAGE	U-20B	-	I	-	4,000	2.0	1,300	-	-	-	-	3	1750	460/3/60	-	-	-	-	350	EXISTING
REMARKS																							