

# **EXHIBIT E-7**

## **MECHANICAL PLANS**

**FOR**

**SAN BERNARDINO COUNTY**

**PACIFIC VILLAGE PLATINUM CAMPUS, PACIFIC VILLAGE  
SUBSTANCE USE DISORDER PROGRAM, AND  
CDH PACIFIC VILLAGE CAMPUS EXPANSION  
DESIGN-BUILD PROJECT**

**PROJECT NUMBER 10.10.1533, 10.10.1380, AND  
10.10.1671**



**SAN BERNARDINO  
COUNTY**





**DUCTED FAN COIL SCHEDULE (CEILING CONCEALED)**

Equipment Tag	Model	Room Name	Outdoor Tag	Type	CFM	Fan Speed (RPM)	Max Fan Speed (RPM)	Normal Cooling Capacity (BTU/h)	Normal Heating Capacity (BTU/h)	Rating Type (Cooling on/Heating on)	Cooling Capacity (BTU/h)	Heating Capacity (BTU/h)	Electrical Data Voltage/Phase MCA MPS	Notes
FQUC-1-1	TFEFPV21M44A		DAAS-01	Ceiling-Concealed (Ducted)	800	HIGH	0,610	16,800	20,000	144/112	13,264	19,885	208/230V/1-phase	1.2, 3, 4
FQUC-1-2	TFEFPV21M44A		DAAS-01	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-1-3	TFEFPV21M44A		DAAS-01	Ceiling-Concealed (Ducted)	300	HIGH	0,610	16,800	20,000	144/112	13,264	19,885	208/230V/1-phase	1.2, 3, 4
FQUC-1-4	TFEFPV21M44A		DAAS-01	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-1-5	TFEFPV21M44A		DAAS-01	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-1-6	TFEFPV21M44A		DAAS-01	Ceiling-Concealed (Ducted)	600	HIGH	0,610	16,800	20,000	144/112	13,264	19,885	208/230V/1-phase	1.2, 3, 4
FQUC-2-1	TFEFPV21M44A		DAAS-02	Ceiling-Concealed (Ducted)	600	HIGH	0,610	16,800	20,000	144/112	13,264	19,885	208/230V/1-phase	1.2, 3, 4
FQUC-2-2	TFEFPV21M44A		DAAS-02	Ceiling-Concealed (Ducted)	600	HIGH	0,610	16,800	20,000	144/112	13,264	19,885	208/230V/1-phase	1.2, 3, 4
FQUC-2-3	TFEFPV21M44A		DAAS-02	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-2-4	TFEFPV21M44A		DAAS-02	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-2-5	TFEFPV21M44A		DAAS-02	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-2-6	TFEFPV21M44A		DAAS-02	Ceiling-Concealed (Ducted)	600	HIGH	0,610	16,800	20,000	144/112	13,264	19,885	208/230V/1-phase	1.2, 3, 4
FQUC-2-7	TFEFPV21M44A		DAAS-02	Ceiling-Concealed (Ducted)	600	HIGH	0,610	16,800	20,000	144/112	13,264	19,885	208/230V/1-phase	1.2, 3, 4
FQUC-3-1	TFEFPV21M44A		DAAS-03	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-3-2	TFEFPV21M44A		DAAS-03	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-3-3	TFEFPV21M44A		DAAS-03	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-3-4	TFEFPV21M44A		DAAS-03	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-3-5	TFEFPV21M44A		DAAS-03	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-3-6	TFEFPV21M44A		DAAS-03	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-3-7	TFEFPV21M44A		DAAS-03	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-3-8	TFEFPV21M44A		DAAS-03	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-3-9	TFEFPV21M44A		DAAS-04	Ceiling-Concealed (Ducted)	600	HIGH	0,610	16,800	20,000	144/112	13,264	19,885	208/230V/1-phase	1.2, 3, 4
FQUC-4-1	TFEFPV21M44A		CDH-01	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-4-2	TFEFPV21M44A		CDH-01	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-4-3	TFEFPV21M44A		CDH-01	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-4-4	TFEFPV21M44A		CDH-01	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-4-5	TFEFPV21M44A		CDH-01	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-4-6	TFEFPV21M44A		CDH-01	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-4-7	TFEFPV21M44A		CDH-01	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-4-8	TFEFPV21M44A		CDH-01	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-4-9	TFEFPV21M44A		CDH-01	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-4-10	TFEFPV21M44A		CDH-01	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-4-11	TFEFPV21M44A		CDH-01	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-4-12	TFEFPV21M44A		CDH-01	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-4-13	TFEFPV21M44A		CDH-01	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-4-14	TFEFPV21M44A		CDH-01	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-4-15	TFEFPV21M44A		CDH-01	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-4-16	TFEFPV21M44A		CDH-01	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-4-17	TFEFPV21M44A		CDH-01	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-4-18	TFEFPV21M44A		CDH-01	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-4-19	TFEFPV21M44A		CDH-01	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-4-20	TFEFPV21M44A		CDH-02	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-4-21	TFEFPV21M44A		CDH-02	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-4-22	TFEFPV21M44A		CDH-02	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-4-23	TFEFPV21M44A		CDH-02	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-4-24	TFEFPV21M44A		CDH-02	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-4-25	TFEFPV21M44A		CDH-02	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-4-26	TFEFPV21M44A		CDH-02	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-4-27	TFEFPV21M44A		CDH-02	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-4-28	TFEFPV21M44A		CDH-02	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-4-29	TFEFPV21M44A		CDH-02	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4
FQUC-4-30	TFEFPV21M44A		CDH-02	Ceiling-Concealed (Ducted)	371	HIGH	0,610	12,000	13,500	144/112	12,014.6	8,365.5	208/230V/1-phase	1.2, 3, 4

1. Normal cooling capacities are based on indoor coil EAT of 55°F (DB), outdoor of 95°F (DB).  
 2. Normal heating capacities are based on indoor coil EAT of 70°F (DB), outdoor of 43°F (WB).  
 3. Capacity is based on standard conditions. Capacity may vary with actual conditions. See manufacturer's literature for more information.  
 4. See electrical control diagrams for indication of required indoor unit remote controls, system controls, and integration systems.  
 5. Full name of control capacity and/or device associated with indoor or outdoor connected capacity needed for associated system.  
 6. It is the designer's responsibility to ensure "Diamond System Builder" is set in the appropriate output capacity setting (full demand/default demand) prior to generating this schedule.  
 6. It is recommended to always base heating connected capacity on full name.



MECHANICAL SCHEDULES  
 3/28/2024  
 1:38PM  
 12-11-24



MECHANICAL SCHEDULES  
 3/28/2024  
 1:38PM  
 12-11-24

Pacific Village Platinum Campus  
 2626 Pacific Street, Highland, CA 92346  
 Developed for San Bernardino County

REVISION	DATE	BY	CHKD	DESCRIPTION
1	3/28/2024	1388	1388	MECHANICAL SCHEDULES





























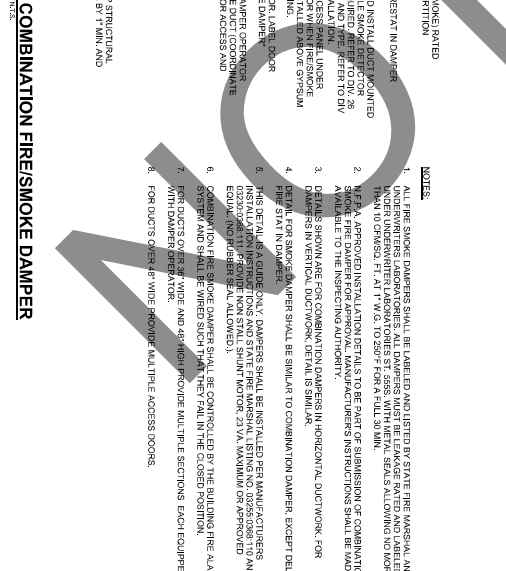
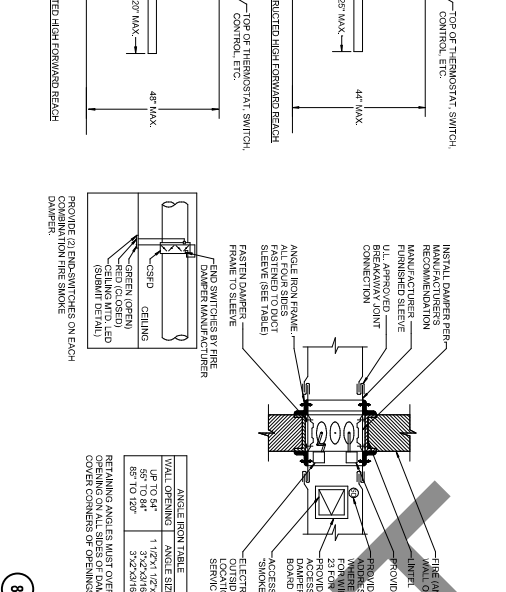
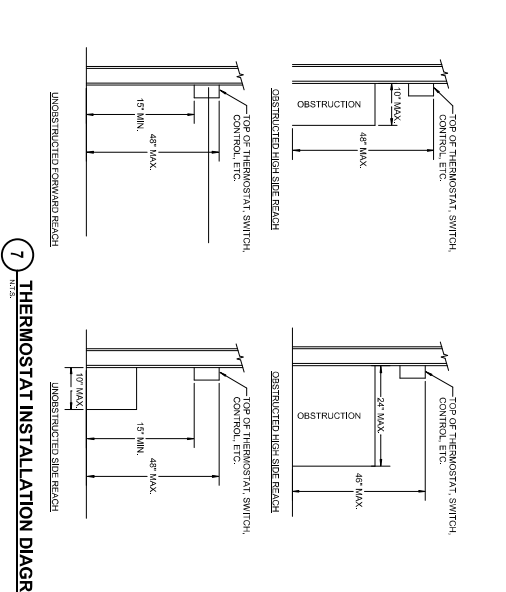
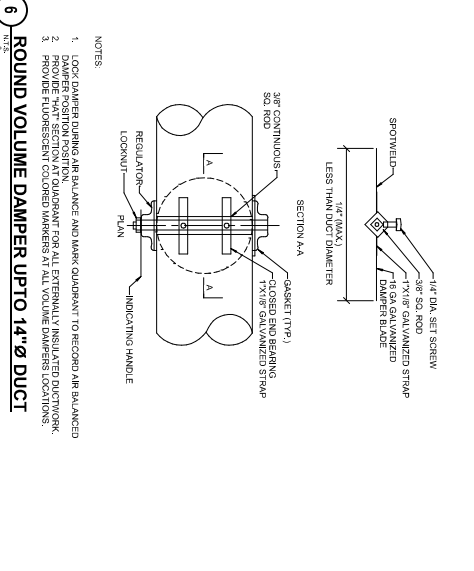
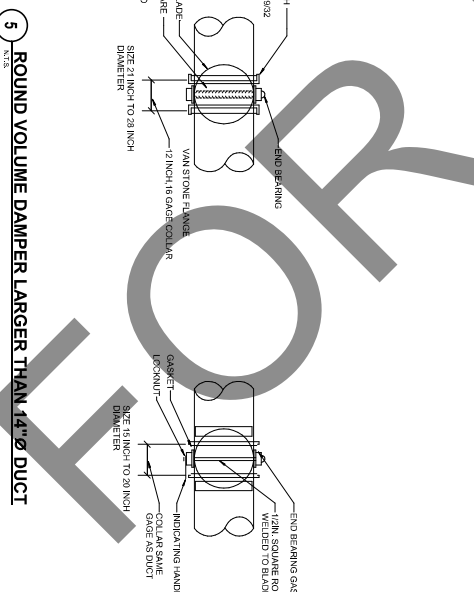
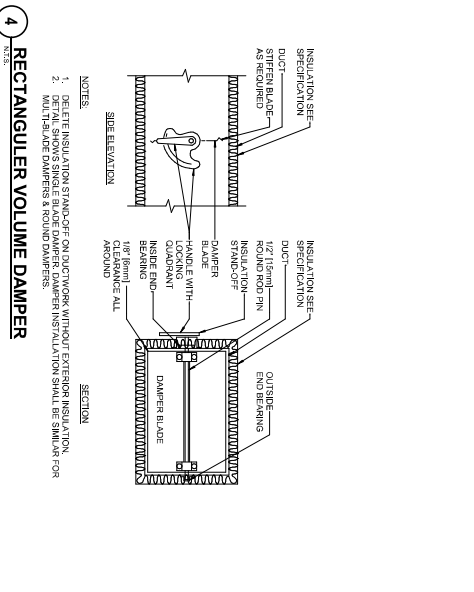
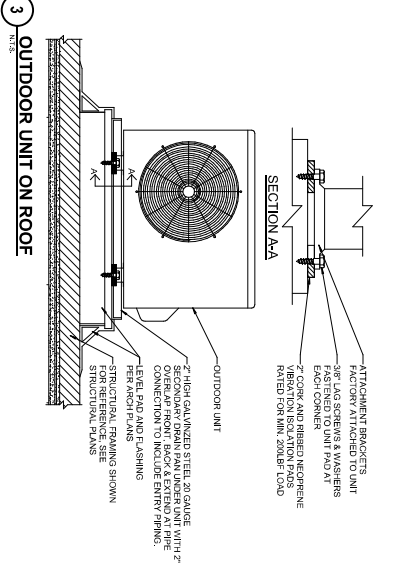
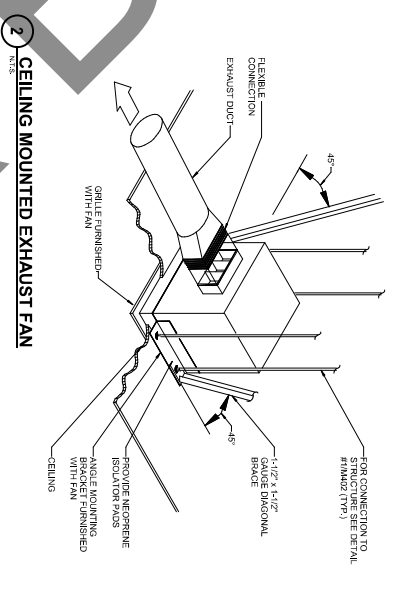
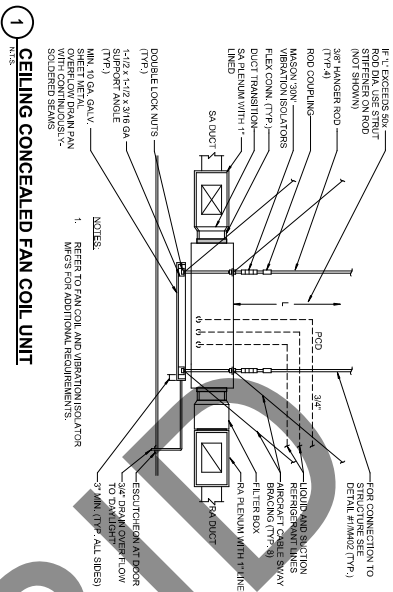












Submit	Scale	Revised	Date
1	XXXXXXX		
2			
3			
4			
5			
6			
7			
8			
9			
10			

Pacific Village Platinum Campus  
 2626 Pacific Street, Highland, CA 92346  
 Developed for San Bernardino County

**IPPA**  
 International Professional Plumber Association  
 10000 Wilshire Blvd, Suite 100  
 Los Angeles, CA 90024  
 Phone: (310) 470-1000  
 Email: info@ippa.com

**Budlong**  
 5331 California Avenue, Suite 100  
 Irvine, California 92618  
 Phone: (949) 261-8800  
 Email: info@budlong.com

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 THESE ARE GENERAL CONCEPTS  
 FOR INFORMATION ONLY

