

ARCHITECT'S STAMP

CONSULTANT

PROJECT NAME

COUNTY
 FIRE STATION NO. 17
 REMODEL

PROJECT ADDRESS

6476
 6430 PONNY EXPRESS TRAIL
 POLLOCK PINES, CA 95726

DRAWING NAME

PANEL
 SCHEDULE

SUBMITTAL DATE

NO	DATE	REVISION
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△		
△		
△		
△		

DRAWN BY: JK

CHECKED BY: JK

DATE: 07/28/2020

SCALE: NOTED

PROJECT NUMBER: 202103

DRAWING NUMBER:

PANEL SCHEDULE										
PANEL E	1000A	MLO	#	C/B	#	120/ 240V 1PH 3 WIRE	DESCRIPTION	KW	C/B	120/ 240V 1PH 3 WIRE
LIGHTS	0.1	20	1A	2A	2	0.9	E.F. IN ENG. GARAGE			
LIGHTS	0.3	20	1B	2B	2		SPARE			
LIGHTS	0.3	20	3A	4A	50		E.F. IN ENG. GARAGE			
LIGHTS	0.4	20	3B	4B	30	0.9	RECEPT. & SWITCHES IN TRUCK BAY			
KITCH. L.TS. ENG. BAY	0.1	20	5A	6A	20	0.1				
LIGHTS	0.3	20	5B	6B	20	0.3				
RECEPT. AT CAB.	0.3	20	7A	8A	20	0.3				
RECEPTACLES	0.3	20	7B	8B	20	0.3	DISHWASHER			
RECEPT. @ KITCH COUNTER/HOOD	0.7	20	7C	8C	20	0.3	DRYER			
RECEPT. @ KITCH REFRIGERATOR	0.7	20	9A	10A	2					
RECEPTACLES T.V.	0.4	20	9B	10B	2	0.7	PUMP			
RECEPTACLES	0.2	20	11A	12A	20	0.7				
HEATER	1.2	20	11B	12B	30					
A KW=	3.9									
B KW=	5.3									
LCL=	0.3									
TOTAL KW=	19.5									AMPS= 40A

PANEL SCHEDULE										
PANEL B	70A	MLO	#	C/B	#	120/ 240V 1PH 3 WIRE	DESCRIPTION	KW	C/B	120/ 240V 1PH 3 WIRE
AIR COMP. #1	1.0	2	1A	2A	2	1.5	WALL HEATER			
			1B	2B						
			3A	4A	1.5					
			3B	4B	30					
AIR COMP. #2	1.0	2	5A	6A	20	0.3				
			5B	6B	20	0.3	LIGHTS			
			7A	8A	20	0.3	RECEPTACLES			
			7B	8B	20	0.1	RECEPTACLES IN PANTRY			
A KW=	4.1									
B KW=	3.9									
LCL=	0.2									
TOTAL KW=	8.2									AMPS= 34A

PANEL SCHEDULE										
PANEL A	100A	MLO	#	C/B	#	120/ 240V 1PH 3 WIRE	DESCRIPTION	KW	C/B	120/ 240V 1PH 3 WIRE
PANEL B	4.7	2	1A	2A	15	0.1	COMPUTER			
			1B	2B						
	3.9	3	3A	4A	30		SPARE-RECEPT. IN TRUCK BAY			
			3B	4B	2		SPARE			
			5A	6A	2					
			5B	6B	40					
	5.3	2	7A	8A	10A	2	1.0	HEATER		
			7B	8B	2					
	3.9	70	9A	10A	2	1.0	HEATER			
			9B	10B						
			11A	12A	1.0					
			11B	12B	30					
	0.7	20	13A	14A	20	0.3	SPARE			
	0.1	20	13B	14B	2		SPARE			
	0.1	20	15A	16A	20		RECEPTACLES			
	0.3	20	15B	16B	20		RECEPTACLES			
A KW=	10.2									
B KW=	11.6									
LCL=	0.1									
TOTAL KW=	21.9									AMPS= 92A

PANEL SCHEDULE

PANEL MSA 200 120/240V 1PH3W

C/B KW DESCRIPTION

1# 2 10.2 PANEL A

10 11.6

20 100

3# 2 SPARE

30 2

40 40

5# 20 1.0 RECEPT. OFFICE 1 & 2

6# 20 0.2

7# 2 2.0 WELDER RECEPTACLE

8# 15 1.0 EVAP COOLER

9# 15 0.1 RECEPTACLES

10# 15 0.1 LIGHTS (KITCHEN)

11# 20 0.3 RECEPTACLES

12# 20 0.3 RECEPTACLES

13# 20 0. RECEPT. IN KITCH NOOK

14# 20 RECEPTACLES W/ 120V 1PH 3W BREAKER

15# 2 3.0 HEAT PUMP (ROOF MTD.)

16# 3.0

17# 70

18# 20 0.5 GENERATOR BATT. CHRG.

19# 20 0.5 BLOCK HEATER

A/KW 18.1

B/KW 18.1

125% LCL 0.1

TOTAL KW 363

AMPS= 131A

DESIGN & INSTALLATION	
PLANNING	
ARCHITECTURE	
PLACERVILLE, CA 95667	
PHONE: (916) 933-7633	
FAX: (916) 933-7650	
DATE: 07/28/2020	
SCALE: NOTED	
COLOR	
SIGNATURE	

EXISTING PANEL SCHEDULE

717.3.3.1 Fire Damper Actuation Device
 The fire damper actuation device shall meet one of the following requirements:
 1. The operating temperature shall be approximately 50°F (10°C) above the normal temperature within the duct system, but not less than 160°F (71°C).
 2. The operating temperature shall be not more than 350°F (177°C) where located in a smoke control system complying with Section 916.

TABLE 717.3.2.1 FIRE DAMPER RATING	
TYPE OF PENETRATION	MINIMUM DAMPER RATING (Hours)
Less than 3-hour fire-resistance-rated assemblies	1.5
3-hour or greater fire-resistance-rated assemblies	3

