

89638

NEW PANEL 'E'															
VOLTAGE 120/240V, 1PH3W BUS RATING 225A MAIN 225A MLO															
22k AIC RATING 3/22/2006 3:47 PM															
LOAD (VOLT AMPS)				CN K O T	LOAD SERVED				CN K O T	LOAD (VOLT AMPS)					
LTG	REC	MOTOR	EXIST		AMP	A	C	AMP		LTG	REC	MOTOR	EXIST		
	360			1	RECEPTACLES	20/1	*	-	20/1	RECEPTACLES	2	540			
	360			3	RECEPTACLES	20/1	*	-	20/1	RECEPTACLES	4	360			
	360			5	RECEPTACLES	20/1	*	-	20/1	RECEPTACLES	6	540			
	180			7	RECEPTACLES	20/1	*	-	20/2	RECEPTACLES	8	180			
	180			9	RECEPTACLES	20/1	*	-	---	---	10	180			
	180			11	RECEPTACLES	20/1	*	-	20/2	RECEPTACLES	12	180			
	180			13	RECEPTACLES	20/1	*	-	---	---	14	180			
	180			15	RECEPTACLES	20/1	*	-	30/2	WATER HEATER 1	16	2000			
	180			17	208 VOLT RECEPTACLE	20/2	*	-	---	---	18	2000			
	180			19	---	---	*	-	20/1	RECIRC PUMP 1	20	220			
	180			21	240 VOLT RECEPTACLE	20/2	*	-	20/1	BENCH 120V	22	700			
	180			23	---	---	*	-	20/1	DUCT DETECTORS	24	200			
	180			25	277 VOLT RECEPTACLE	50/1	*	-	20/1	ROOF RECEPTACLES	26	540			
	180			27	480 VOLT RECEPTACLE	40/2	*	-	20/1	DAMPER	28	100			
	180			29	---	---	*	-	20/1	SPARE	30	---			
	180			31	CREWM RECEPTACLES	20/1	*	-	20/1	CREWM RECEPTACLES	32	360			
	180			33	CREWM RECEPTACLES	20/1	*	-	20/1	CREWM RECEPTACLES	34	360			
	180			35	CREWM RECEPTACLES	20/1	*	-	20/1	CREWM RECEPTACLES	36	360			
	720			37	OFFICE RECEPTACLES	20/1	*	-	20/1	ELECT PARTITIONS	38	540			
	540			39	SPARE	20/1	*	-	20/1	ELECT PARTITIONS	40	540			
	540			41	OFFICE RECEPTACLES	20/1	*	-	20/1	ELECT PARTITIONS	42	540			
0				0						0				0	
SUB TOTALS				SUB TOTALS						SUB TOTALS				SUB TOTALS	
0				0						0				0	
FEDER LINE SEE ONE LINE DIAGRAM															
FEDER FROM															
PANEL P1 - SECTION 2															
MOUNTING															
SURFACE															
LOCATION															
ELECTRICAL SHOP															
FOOTNOTES															
(1) = SHUNT TRIP CB															
(2) = GROUND FAULT CB															
(3) = DEMAND FACTOR FROM NEC 70, ARTICLE 220															
(4) = SWITCH RATED BREAKER															
mark with an X as appropriate															
___ ISOLATION GROUND BUS															
___ 200 % NEUTRAL															
___ FEED-THRU LUGS															
___ SHUNT TRIP MAIN CB															
___ OUTDOOR ENCLOSURE															
___ STAINLESS STEEL COVER															
PANEL TOTALS															
0				15660						0				0	
0				15 66						0 00				0 00	
0				125 (3)						1 00				1 00	
0				6300						0 00				12 83	
A				C						15 66				12 83	
9360				6300						TOTALS				240	
TOTAL CONNECTED KVA															
TOTAL ADJUSTED KVA															
SINGLE LINE VOLTAGE															
TOTAL PANEL															
ADJUSTED AMPERAGE															
31				31						31				31	