

May 01, 2025 - 10:26am T:\Projects\2024\24-141 - ACM Millers Space Dust Collection and Weld Fume Extraction Systems\WOOD SHOP Drawings\24-141 - E2.dwg

LOCATED IN MATERIAL HANDLING AREA 113

EXISTING PANEL "CH"									
3ø-4W-277/480V. 125A M.C.B.									
35kAIC				125		EATON PRL3A			
				3					
LOAD	BKR	#	#	BKR	LOAD				
10650	60	1	2	20/1	---	UNKNOWN			
10650		3	4	20/1	---				
10650		3	5	6	20/1				
---	35	7	8	20/1	---				
---		9	10	20/1	---				
---		3	11	12	20/1				
500	20/1	13	14	20/1	---				
1000	20	15	16	40	9349	SPACE	SAWDUST COLLECTOR		
1000		17	18		9349				
1000		3	19	20	3 9349				
---	---	21	22	---	---	SPACE			
---	---	23	24	---	---				
---	---	25	26	---	---				
---	---	27	28	---	---				
---	---	29	30	---	---				
		KVA		AMPS					
PHASE A		21.5		78					
PHASE B		21.0		76					
PHASE C		21.0		76					

LOCATED IN MACHINE ROOM 111

SERVED FROM A 225A BREAKER

EXISTING PANEL "MH2"										
3ø-4W-277/480V. 250A M.C.B.										
35kAIC		250		EATON PRL4B						
LOAD	BKR	#	#	BKR	LOAD					
XMR T-4	---	60	1	2	15 25	1177	RTU	SIDEWALL EXHAUST FAN (EF-1)		
	---		3	4		1177				
	---		3	5	6	3 1177				
RTU-2	13213	60	7	8	20	4245	CLAUSING	VERTICAL	LATHE	
	13213		9	10		4245				
	13213		3	11	12	3 4245				
CLAUSING MILL	1441	20	13	14	20	4245	CLAUSING	VERTICAL	LATHE	
	1441		15	16		4245				
	1441		3	17	18	3 4245				
PRECISION GRINDER	2625	20	19	20	20	4245	CLAUSING	VERTICAL	LATHE	
	2625		21	22		4245				
	2625		3	23	24	3 4245				
PRECISION GRINDER	2625	20	25	26	15	1441	CLAUSING	MILL		
	2625		27	28		1441				
	2625		3	29	30	3 1441				
CLAUSING MILL	1441	15	31	32	15	1441	CLAUSING	MILL (OFF)		
	1441		33	34		1441				
	1441		3	35	36	3 1441				
CLAUSING MILL	1441	15	37	38	15	1441	CLAUSING	MILL		
	1441		39	40		1441				
	1441		3	41	42	3 1441				
CLAUSING MILL	1441	15	43	44	15	---	UNKNOWN			
	1441		45	46		---				
	1441		3	47	48	3 ---				
		KVA		AMPS						
PHASE A		42.5		153						
PHASE B		42.5		153						
PHASE C		42.5		153						

- ELECTRIC PANEL SCHEDULE NOTES:
1. LIGHT TEXT INDICATES EXISTING LOADS TO REMAIN, DARK TEXT INDICATES NEW.
 2. LIMITED FIELD SURVEYS WERE CONDUCTED OF THESE PANELS - E.C. TO FIELD VERIFY. PROVIDE NEW CIRCUIT BREAKERS AS REQUIRED AND PROVIDE NEW LABELS/PANEL SCHEDULE ACCORDINGLY.
 3. ALL NEW CIRCUIT BREAKERS TO MATCH EXISTING MANUFACTURER.
 4. ALL NEW CIRCUIT BREAKERS TO MATCH OR EXCEED EXISTING AIC RATINGS.

LOCATED IN MACHINE ROOM 111

SERVED FROM A 200A BREAKER

EXISTING PANEL "MH3"									
3ø-4W-277/480V. 250A M.C.B.									
65kAIC		250							
LOAD	BKR	#	#	BKR	LOAD				
CLAUSING CNC MILL	1441	15	1	2	20	/	---	UNKNOWN	
	1441	/	3	4	/	---			
	1441	/	5	6	3	---			
CLAUSING CNC MILL	1441	15	7	8	20	/	4245	CLAUSING VERTICAL LATHE	
	1441	/	9	10	/	4245			
	1441	/	11	12	3	4245			
PRECISION GRINDER	2625	15	13	14	20	/	4245	CLAUSING VERTICAL LATHE	
	2625	/	15	16	/	4245			
	2625	/	17	18	3	4245			
XFORM T-7	12300	60	19	20	20	/	4245	CLAUSING VERTICAL LATHE	
	12300	/	21	22	/	4245			
	12300	/	23	24	3	4245			
PRECISION GRINDER	2625	20	25	26	20	/	---	TRAK LATHE 2 (SPARE)	
	2625	/	27	28	/	---			
	2625	/	29	30	3	---	TRAK LATHE 1 (SPARE)		
SPACE	---	---	31	32	20	/	---	SPACE	
	---	---	33	34	/	---			
UNKNOWN	---	---	35	36	3	---			
UNKNOWN	---	20/1	37	38	---	---			
SPACE	---	20/1	39	40	---	---			
	---	---	41	42	---	---			
	---	---	43	44	---	---			
	---	---	45	46	---	---			
	---	---	47	48	---	---			
	---	---	49	50	60	12936	SPACE DEDICATED OUTSIDE AIR UNIT		
	---	---	51	52	/	12936			
	---	---	53	54	3	12936			
	---	---	55	56	---	---	SPACE		
	---	---	57	58	---	---			
	---	---	59	60	---	---			
		KVA		AMPS					
PHASE A		46.1		166					
PHASE B		46.1		166					
PHASE C		46.1		166					

LOCATED IN MATERIAL HANDLING AREA 113

EXISTING PANEL "CL3"									
3ø-4W-120/208V. 125A M.C.B.									
		125							
		3							
LOAD	BKR	#	#	BKR	LOAD				
540	20/1	1	2	20	1456	HT. RECLAIM CEILING FANS			
540	20/1	3	4	2	1456				
540	20/1	5	6	20	1331	MUA-1			
500	20/1	7	8	2	1331				
500	20/1	9	10	20	1331	MUA-2			
792	20/1	11	12	2	1331				
1152	20/1	13	14	20	---	UNKNOWN			
864	20/1	15	16	2	---				
250	20/1	17	18	20	---	UNKNOWN			
360	20/1	19	20	2	---				
---	20/1	21	22	20/1	---	UNKNOWN			
---	20/1	23	24	20/1	---				
---	20/1	25	26	20/1	---				
---	20	27	28	20/1	500	SPACE HANSENTEK ZONE CONTROL PNL			
---		29	30	---	---	SPACE			
---		3	31	32	---				
---	---	33	34	---	---				
---	---	35	36	---	---				
---	---	37	38	---	---				
---	---	39	40	---	---				
---	---	41	42	---	---				
		KVA		AMPS					
PHASE A		5.3		44					
PHASE B		5.2		43					
PHASE C		4.2		35					



ELECTRICAL PANEL SCHEDULES

DUST COLLECTION & WELD FUME EXTRACTION
WOOD SHOP & WELDING AREA

FOR
ALLEGANY COLLEGE, LAVALLE BUILDING
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