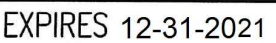




Portland OR 97205
Ph 503 228 7571
Fx 503 273 8891

PERMIT SET DOCUMENTS

9608 SE Fuller Road
Clackamas County, Oregon, 97086



PROJECT #:

REVISIONS:

RESPONSES		
2	ADDENDUM #1	10.09.2002
6	ASI #01	03.05.2002
	RFI 62	07.20.2002
	RFI 68	08.10.2002
	RFI 92	09.10.2002
	RFI 42	09.30.2002
15	ASI #10	11.05.2002
	RFI 148	11.18.2002
	RFI 150	11.18.2002
	RFI 154	11.18.2002
	RFI 155	11.18.2002
17	ASI #12	12.06.2002
	RFI 170	12.06.2002

E1.13

MFIA PANEL SCHEDULE													272		
panel LR1		mounting SURFACE			location 1ST FLOOR STORAGE			connected load amps					272		
voltage 120/208Y (SCCR: 22KAIC)		phase 3			800A			MLO		calculated load amps					
C	service	va	amp	no.	a b c	no	amp	va	service	C					
2	RECEPT - LAUNDRY	500 201(G)	1	*	2	201(G)	500	RECEPT - LAUNDRY	2						
2	RECEPT - LAUNDRY	500 201(G)	3	*	4	201(G)	500	RECEPT - LAUNDRY	2						
2	RECEPT - LAUNDRY	500 201(G)	5	*	6	201(G)	500	RECEPT - LAUNDRY	2						
2	RECEPT - LAUNDRY	500 201(G)	7	*	8	201(G)	500	RECEPT - LAUNDRY (FUTURE)	2						
2	RECEPT - LAUNDRY	500 201(G)	9	*	10	201(G)	500	RECEPT - LAUNDRY (FUTURE)	2						
2	RECEPT - LAUNDRY	500 201(G)	11	*	12	201(G)	500	RECEPT - LAUNDRY (FUTURE)	2						
	SPARE	0 201 13	*	14	201	500	RECEPT - ATM	2							
5	DRYER	3120 30/2	15	*	16	30/2	3120	DRYER	5						
5	*	3120	*	17	*	18	*	3120	*						
5	DRYER	3120 30/2	19	*	20	30/2	3120	DRYER	5						
5	*	3120	*	21	*	22	*	3120	*						
5	DRYER	3120 30/2	23	*	24	30/2	3120	DRYER	5						
5	*	3120	*	25	*	26	*	3120	*						
5	DRYER	3120 30/2	27	*	28	30/2	3120	DRYER	5						
5	*	3120	*	29	*	30	*	3120	*						
5	DRYER (FUTURE)	3120 30/2	31	*	32	30/2	3120	DRYER	5						
5	*	3120	*	33	*	34	*	3120	*						
5	DRYER (FUTURE)	3120 30/2	35	*	36	30/2	3120	DRYER (FUTURE)	5						
5	*	3120	*	37	*	38	*	3120	*						
3	EH-4	1000 20/2	39	*	40	30/2	3120	DRYER (FUTURE)	5						
3	*	1000	*	41	*	42	*	3120	*						
3	EH-4	1000 20/2	43	*	44	20/1	0	SPARE	5						
3	*	1000	*	45	*	46	20/1	0	SPARE	5					
5	TRASH COMPACTOR	2100 30/3	47	*	48	20/1	0	SPARE	5						
5	*	2100	*	49	*	50	20/1	0	SPARE	5					
5	*	2100	*	51	*	52	20/1	0	SPARE	5					
	SPARE	0 20/1	53	*	54	20/1	0	SPARE							
	SPARE	0 20/1	55	*	56	20/1	0	SPARE							
	SPARE	0 20/1	57	*	58	20/1	0	SPARE							
	BLANK		59	*	60			BLANK							
	BLANK		61	*	62			BLANK							
	BLANK		63	*	64			BLANK							
	BLANK		65	*	66			BLANK							
	BLANK		67	*	68			BLANK							
	BLANK		69	*	70			BLANK							
	BLANK		71	*	72			BLANK							
	BLANK		73	*	74			BLANK							
	BLANK		75	*	76			BLANK							
	BLANK		77	*	78			BLANK							
	BLANK		79	*	80			BLANK							
	BLANK		81	*	82			BLANK							
	BLANK		83	*	84			BLANK							
Phase A		30560 VA			NOTES:				line-line voltage						
Phase B		34180 VA										208			
Phase C		33180 VA													
Total Connected		97920 VA							largest motor (va)			0			
load code:		ph. A		ph. B		ph. C		total		factor		calculated load (va)			
1. LIGHTS=		0		0		0		VA		0		1.25		0	
2. RECEPT =		2500		2000		2000		VA		4500		1 + 0.5		6500	
3. HEATING=		1000		2000		1000		VA		6000		1.00		4000	
4. KITCHEN=		0		0		0		VA		0		1.00		0	
5. EQUIP =		27060		30180		30180		VA		87420		1.00		87420	
6. MOTORS=		0		0		0		VA		0		*		0	
7. MIS-C=		0		0		0		VA		0		1.00		0	
(* 125% of the largest motor + 100% of the balance)										TOTAL =		97920			

MFIA PANEL SCHEDULE												
panel M2		mounting SURFACE				location 4TH FLOOR			connected load amps		173	
voltage 120/208V		phase 3				bus & main			calculated load amps		173	
C	service	va	amp	no.	a b c	200A	MLO	SCCR- 22KAIC	va	service	C	173
6	RTU-1	4320	50/3	1	*	2	40/3	3480	RTU-2			
6	*	4320	*	3	*	4	*	3480	*			
6	*	4320	*	5	*	6	*	3480	*			
6	HP-1	3307	45/2	7	*	8	25/2	1612	HP-4			
6	*	3307	*	9	*	10	*	1612	*			
6	HP-2	3307	45/2	11	*	12	45/2	3307	HP-5			
6	*	3307	*	13	*	14	*	3307	*			
6	HP-3	2246	35/2	15	*	16	25/2	1612	HP-6			
6	*	2246	*	17	*	18	*	1612	*			
6	IAC/OAC-1	1852	30/2	19	*	20	20/1	1612	HP-7			
6	*	1852	*	21	*	22	*	1612	*			
	SPARE	0	20/1	23	*	24	20/1	1176	EF-3			
	SPARE	0	20/1	25	*	26			BLANK			
	BLANK		27	*	28				BLANK			
	BLANK		29	*	30				BLANK			
	BLANK		31	*	32				BLANK			
	BLANK		33	*	34				BLANK			
	BLANK		35	*	36				BLANK			
	BLANK		37	*	38				BLANK			
	BLANK		39	*	40				BLANK			
	BLANK		41	*	42				BLANK			
Phase A		28227 VA		NOTES:					line-line voltage		208	
Phase B		20071 VA										
Phase C		19448 VA										
Total Connected		62346 VA							largest motor (va)		0	
load code:		ph. A	ph. B	ph. C		total	factor	calculated load (va)				
1. LIGHTS=		0	0	0	0	VA	0	1.25				0
2. RECEPT=		0	0	0	0	VA	0	1 + 0.5				0
3. HEATING=		0	0	0	0	VA	0	1.00				0
4. KITCHEN=		0	0	0	0	VA	0	1.00				0
5. EQUIP.=		0	0	0	0	VA	0	1.00				0
6. MOTORS=		28227	20071	19448	VA	62346		0				62346
7. MISC=		0	0	0	0	VA	0	1.00				0
(* 125% of the largest motor + 100% of the balance)									TOTAL =		62346	