

PANELBOARD: MDP												EQUIPMENT GROUND BUS				
BUS AMPS: 800A MAIN SIZE/TYP: MLO VOLTS/PHASE: 480Y/277V, 3PH, 4W												AIC RATING: N/A				
SERVICES: MOUNTING SURFACE LOCATION:												SERVICES: MOUNTING SURFACE LOCATION:				
NOTE NO.	CKT NO.	DESCRIPTION	VOLTAMPS/PHASE			WIRE NO.	BKR AMP	P	BKR AMP	WIRE NO.	VOLTAMPS/PHASE			DESCRIPTION	CKT NO.	NOTE NO.
			A	B	C					A	B	C				
	1	PNLBD LA	33,957							2,023			EF-6	2		
	3	VIA XFMR	38,004			30	200	3	20	12				4		
	7	PNLBD HA	14,698		44,085					2,023		2,023	EF-7	6		
	11		10,960			1	100	3	20	12				10		
	13	SPRAY BOOTH	7,731							9,699			PRIMARY COMPRESSOR	14		
	15		7,731			8	40	3	30	8				16		
	17	SPRAY BOOTH	7,731		7,731					9,699				18		
	21		7,731			8	40	3	70	4			RTU-2	20		
	23		7,731							16,239				22		
	25	RTU-1	16,239							16,239				24		
	27		16,239			4	70	3	30	10			RTU-3	26		
	29		16,239							7,371				28		
	31	INVERTER WELDER	5,400							7,371			SPACE	30		
	33		5,400			8	40	3						32		
	35				5,400								SPACE	34		
	37	SPACE											SPACE	36		
	39												SPACE	38		
	41												SPACE	40		
													SPACE	42		
SUBTOTAL			85,764	96,085	92,142					37,555	37,565	37,555				
TOTAL PHASE A - VA			123,106													
TOTAL PHASE B - VA				123,440												
TOTAL PHASE C - VA					127,487											
TOTAL PNLBD - VA			374,046													

PANELBOARD: HA												EQUIPMENT GROUND BUS				
BUS AMPS: 100A MAIN SIZE/TYP: MLO VOLTS/PHASE: 480Y/277V, 3PH, 4W												AIC RATING: N/A				
SERVICES: MOUNTING SURFACE LOCATION:												SERVICES: MOUNTING SURFACE LOCATION:				
NOTE NO.	CKT NO.	DESCRIPTION	VOLTAMPS/PHASE			WIRE NO.	BKR AMP	P	BKR AMP	WIRE NO.	VOLTAMPS/PHASE			DESCRIPTION	CKT NO.	NOTE NO.
			A	B	C					A	B	C				
	1	CF-1	914							2,000			WH-1	2		
	3		914			12	20	3	20	12				4		
	5			914						2,000		2,000		6		
	7	CF-2	914							1,939			LTG-SPRAY BOOTH	8		
	9		914			12	20	3	1	12				10		
	11			914						1,939			LTG-SPRAY BOOTH	12		
	13	CF-3	914							1,939			LTG-SPRAY BOOTH	14		
	15			914		12	20	3	1	12			LTG-EXT. (P/CTG)	16		
	17									622				18		
	19	SITE LIGHTING (P/CTG)	675			10	20	1	1	20			LTG-SPRAY BOOTH	20		
	21	SITE LIGHTING (P/CTG)		900						521			LTG-CAR WASH	22		
	23	SITE LIGHTING (P/CTG)			450	10	20	1	1	20			LTG-SHOP BAY (TC)	24		
	25	SPACE								2,970			SPACE	26		
	27	SPACE											SPACE	28		
	29	SPACE											LTG-SHOP BAY (TC)	30		
	31	SPACE											LTG-SHOP BAY (TC)	32		
	33	SPACE											SPACE	34		
	35	SPACE											SPACE	36		
	37	SPACE											SPACE	38		
	39	SPACE											SPACE	40		
	41	SPACE											SPACE	42		
SUBTOTAL			3,417	5,414	3,162					11,270	7,338	5,763				
TOTAL PHASE A - VA			14,855													
TOTAL PHASE B - VA				10,890												
TOTAL PHASE C - VA					9,955											
TOTAL PNLBD - VA			34,951													

PANELBOARD: LA												EQUIPMENT GROUND BUS				
BUS AMPS: 400A MAIN SIZE/TYP: MLO VOLTS/PHASE: 208Y/120V, 3PH, 4W												AIC RATING: N/A				
SERVICES: MOUNTING SURFACE LOCATION:												SERVICES: MOUNTING SURFACE LOCATION:				
NOTE NO.	CKT NO.	DESCRIPTION	VOLTAMPS/PHASE			WIRE NO.	BKR AMP	P	BKR AMP	WIRE NO.	VOLTAMPS/PHASE			DESCRIPTION	CKT NO.	NOTE NO.
			A	B	C					A	B	C				
	1	OFFICE-REFRIGERATOR	800			12	20	1	1	20	12	180	OFFICE DEL. REC #1	2		
	3	OFFICE REC. NORTH #1	180			12	20	1	1	20	12	180	OFFICE REC. NORTH #2	4		
	5	TELEPHONE BOARD	300			12	20	1	1	20	12	180	OFFICE REC.	6		
	7	IRRIGATION CONTROL	180			12	20	1	1	20	12	1,000	MIG WELDER	8		
	9	OFFICE REC.	1,440			12	20	1	1	20	12	180	OFFICE REC.	10		
	11	OFFICE REC.		1,080		12	20	1	1	20	12	1,080	OFFICE REC.	12		
	13	DRINKING FOUNTAIN (GFCI)	370			12	20	1	1	20	12	180	RECEPTION-REPRINTER	14		
	15	RECEPTION - TV REC	540			12	20	1	1	20	12		RECEPTION-REPRINTER	16		
	17	RECEPTION - REC	720			12	20	1	1	20	12	180	RECEPTION-POP/COM. MACHINE	18		
	19	SERVER ROOM-QUAD REC	390			12	20	1	1	20	12	180	RECEPTION-REPRINTER	20		
	21	REC-PC PUMP	180			12	20	1	1	20	12		REC-EXT. NORTH WALL	22		
	23	UNIT HEATER - 1	1,500			12	20	2	1	20	12		SPARE	24		
	25									0		0	MONUMENT SIGN (P/CTG)	26		
	27	EF-1 (TC)	27			12	20	1	1	20	12		SIGNAGE (P/CTG)	28		
	29	EF-2 (TC)		27		12	20	1	1	20	12	1,200	SIGNAGE (P/CTG)	30		
	31	EF-3 (TC)	27			12	20	1	1	20	12	50	FACE (HACR)	32		
	33	EF-4 (TC)	27			12	20	1	1	20	12	50	RISER ROOM - TRAP PRIMER	34		
	35	EF-5		27		12	20	1	2	20	12	2,000	TWIN POST LIFT	36		
	37	HEAT LAMP	1,400			12	20	1	1	20	12	360	BREAKROOM CLOSET REC	38		
	39		1,400			12	20	1	1	20	12	360	BREAKROOM CLOSET REC	40		
	41	HVAC REC				12	20	1	1	20	12	360	LOBBY REC	42		
SECTION: 2																
	43	EAST-NORTH WALL REC	720			12	20	1	1	20	12	180	OFFICE-SHREDDER	44		
	45	REC-NORTH WALL				12	20	1	1	20	12	180	LOBBY-SHREDDER	46		
	47	REC-NORTH WALL	180			12	20	1	1	20	12	1,440	OFFICE REC	48		
	49	MIG WELDER	4,200			8	50	2	1	20	12	800	CARBIDE DISPOSAL (GFCI)	50		
	51			4,200								1,200	LTG-PAIN MIX ROOM	52		
	53	WELDER	1,400			12	20	1	1	20	12	1,200	PAINT MIX MOTOR	54		
	55	SPARE				12	20	1	1	20	12	1,200	PAINT MIX COMPUTER	56		
	57	WELDER	1,400			12	20	1	1	20	12	360	REC-TWIN POST LIFT	58		
	59	MIG WELDER		4,200		8	50	2	1	20	12	1,200	PAINT MIX FAN	60		
	61		4,200										SPARE	62		
	63	WELDED ENCLOSURE (GFCI)		1,200		10	20	1	1	20			SPARE	64		
	65	SPARE				20	1	1	1	20			SPARE	66		
	67	SPARE				20	1	1	1	20			SPARE	68		
	69	SPARE				20	1	1	1	20			SPARE	70		
	71	SPACE				20	1	1	1	20	12	360	REC-NORTH WALL	72		
	73	SPACE				1	1	1	1	20	12	180	REC-NORTH WALL	74		
	75	SPACE				1	1	1	1	20			SPARE	76		
	77	SPACE				1	1	1	1	20			SPARE	78		
	79	SPACE								12,600			PNLBD LB	80		
	81	SPACE								22,800				82		
	83	SPACE								24,132				84		
SUBTOTAL			13,757	10,954	10,764					20,200	27,050	33,332				
TOTAL PHASE A - VA			33,957													
TOTAL PHASE B - VA				38,004												
TOTAL PHASE C - VA					44,086											
TOTAL PNLBD - VA			119,047													