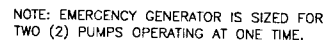




PROJECT: EAST LONGMEADOW VINELAND AVE PS				PROJECT NO. 70518							
PANEL DESIGNATION: LP-1				PANEL LOCATION: ELECT ROOM							
VOLTAGE: 208/120				FEEDER POINT: MCC-1 CUB. 18							
PHASE: 3				MOUNTING: SURFACE							
WIRE: 4				MAIN RATING: 225A BUS, 150A MCB							
KIC: 10,000A RMS											
CKT NO.	AMPS	NO. POLES	DESCRIPTION	PHASE LOAD (VA)			DESCRIPTION	NO. POLES	AMPS	CKT NO.	
				A	B	C					
1	40	2	ELECTRIC WATER HEATER	< 2750			> LIGHTING - BASEMENT	1	20	2	
				1300							
5	20	2	GENERATOR DIESEL ENGINE BLOCK HEATER	< 2750	400		> LIGHTING - STAIR	1	20	4	
					200		> GENERATOR ROOM INTAKE AND DISCHARGE DAMPERS	1	20	5	
9	20	1	CONTROL PANEL CP-1	< 1250			> LIGHTING - GENERATOR, MECH. ELECT ROOMS	1	20	8	
				700	1000		> LIGHTING - OFFICE, RESTROOM, SHOWER, CORRIDORS, FUEL STORAGE, EF-4	1	20	10	
11	30	1	BOILER ROOM ATC-3, BLR-1, UH-4, CP-1, CP-2	< 1200			> EXTERIOR LIGHTING, TIME CLOCK TC-1	1	20	12	
13	20	1	EXIT & EMERGENCY LIGHTING EBU1	< 200			> RECEIPTS - BASEMENT	1	20	14	
				700			> RECEIPTS - LOADING DOCK, GENERATOR RM, MECH & ELECT ROOMS	1	20	16	
15	20	1	FIRE ALARM CONTROL PANEL	< 200	200		> RECEIPTS - ELECT RM, STAIR, OUTDOOR CORRIDOR, RESTROOM, SHOWER	1	20	18	
					1300		> RECEPT - OFFICE	1	20	20	
17	20	1	SECURITY SYSTEM CONTROL PANEL	< 900			> RECEPT - TELEPHONE ENTRANCE	1	20	22	
				1000	200		> BACKBOARD	1	20	24	
21	20	1	RECEPT - OUTDOOR	< 200			> ELECT ROOM ATC-2, SF-2, EF-5	1	20	26	
					400		> FTR-3, UH-3	1	20	28	
23	20	1	SPARE	< 900			> SPARE	1	20	30	
				600	300		> SPARE	1	20	32	
25	20	1	OVERHEAD DOOR, GENERATOR ROOM	< 900			> SPARE	1	20	34	
							> SPARE	1	20	36	
27	20	1	GENERATOR BATTERY CHARGER	< 900			> SPARE	1	20	38	
				600			> SPARE	1	20	40	
29	20	1	PUMP ROOM ATC PANEL, SF-1, EF-3, UH-5, UH-7	< 900			> SPARE	1	20	42	
					1300						
31	20	1	SPARE	< 900							
33	20	1	SPARE	< 900							
35	20	1	SPARE	< 900							
37	20	1	SPARE	< 900							
39	20	1	SPARE	< 900							
41	20	1	SPARE	< 900							
SUB-TOTAL				10300	7750	9550					
TOTAL					27600						



SINGLE LINE DIAGRAM
NTS

DEPARTMENT OF PUBLIC WORKS
TOWN OF EAST LONGMEADOW, MA
VINELAND AVENUE PUMP STATION
CONTRACTS NO. 1 AND NO. 2



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NO	RECORD DRAWINGS 172.04	REVISIONS	APPL:	DATE	PROCESS	DATE
A					ISSUED FOR REVIEW	12-02-03
A					ISSUED FOR BIDDING	2-03-03
A					START TO CONSTRUCTION	
A					LAST MODIFIED ON	
A					FILE NAME	