



BLACKSTONE VALLEY ELECTRIC COMPANY 22.9KV INCOMING OVERHEAD LINE, SEE SH. E-2
 B.V.E. CO. RISER POLE SEE SHEET E-2
 22,900 - 277/480 VOLT 3 PHASE, 4 WIRE, 60 HZ PAD MOUNTED TRANSFORMER BY B.V.E. CO., SEE SH. E-2
 B.V.E. COMPANY INSTRUMENT TRANSFORMERS (SEE NOTE 1)

1200 AMP BUS 480 V, 3 PHASE, 3 WIRE, BRACED FOR 65,000 A. SYM.

600 AMP BUS 480 V, 3 PHASE, 3 WIRE, BRACED FOR 22,000 A. SYM.

600 A. AUTO. TRANSFER SW.

RAW SEWAGE PUMP MOTOR CONTROL CENTER (BY PUMP MANUFACTURER)

225 V. AUTO.

FRONT ELEVATION - MCC-1 NO SCALE

F6	F5	F4	F3	F2	F1
A1	A2	A1	A2	SPACE	VS AS
B	B	B1	B2	SPACE	PTB
C	C	C1	C2	SPACE	CTB VS AS</td
SPACE	D	FEEDER TO MCC-2	FEEDER TO MCC-1A	MAIN C/B	BLACKSTONE VALLEY ELECTRICAL CO. INSTRU. TRANSF.
C	D	A	A	A	

REAR ELEVATION - MCC-1 NO SCALE

R1	R2	R3	R4	R5	R6
SPACE	SPACE	SPACE	SPACE	SPACE	SPACE
A	A	A	A	A	A
B	B	B	B	B	B
C	C	C	C	C	C
D	D	D	D	D	D
E	E	E	E	E	E

MOTOR CONTROL CENTER-1

2A	2B	3A	3B1	3B2	3C	3D	3E	4A	4D	4E	4B	4C	4F	6E	5B	5C	5E	5D	5F	6C	6D	6B1	5A	6A
200/200	600/450	200/200	30/10	30/10	30/10	30/10	30/3	30/3	30/10	30/10	30/6	30/6	30/10	30/10	30/6	30/6	30/15	30/10	30/3	30/15	30/6	2P/6	30/20	30/20
CU-1	CU-2	CU-3	SSL SV																					

MOTOR CONTROL CENTER-1A

1	2	3	4	5	6
SPACE	SPACE	SPACE	SPACE	SPACE	SPACE
RAW SEWAGE MCC	A	B	B	SPACE	SPACE
A	B1	B2	C	C	B1
FEEDER TO MCC-2A	D	E	E	D	SPACE
A	B	E	F	F	E

NOTES:

- ELECTRICAL CONTRACTOR TO PROVIDE MOTOR CONTROL CENTER MANUFACTURER WITH TEMPLATES OR INFORMATION FOR METERING TRANSFORMERS PROVIDED BY BLACKSTONE VALLEY ELECTRIC COMPANY. THE ELECTRICAL CONTRACTOR SHALL INSTALL AND CONNECT METERING TRANSFORMERS IN ACCORDANCE WITH POWER COMPANY REQUIREMENTS. INSTRUMENT TRANSFORMER COMPARTMENT SHALL CONTAIN ONLY POWER COMPANY OWNED METERING EQUIPMENT AND MUST BE CLOSD BY HINGED DOORS THAT HAVE PADLOCK HASP SEALING PROVISIONS. MANUFACTURER DRAWINGS SHALL BE APPROVED BY THE POWER COMPANY.
- FOR SYMBOLS AND GENERAL NOTES SEE SHEET E-1.
- FOR LOCATION OF MCC-1 AND 1A SEE SHEET E-2, E-3 AND E-9.
- FOR LOCATION OF RAW SEWAGE PUMP MOTOR CONTROL CENTER SEE SHEET E-7.
- FOR SCHEMATIC WIRING DIAGRAMS SEE SHEET E-5 AND E-6.
- FOR CONDUIT AND WIRE SCHEDULE SEE SHEET E-20 AND E-21.

LEGEND

- 1 LOCATED AT MCC
- 2 LOCATED AT VACUUM FILTER PANEL P3
- 3 MOISTURE DETECTOR LOCATED NEAR PUMPS
- 4 I.N.O. CONTACT FOR INDICATING LIGHT ON GRAPHIC PANEL G1
- 5 INDICATES ADDITIONAL CONTROLS BY H & V CONTRACTOR
- 6 STARTER, LIMIT SWITCH AND PUSHBUTTON FURNISHED BY DOOR MANUFACTURER
- 7 LOCATED IN LINE STORAGE ROOM
- 8 CONTROLS LOCATED IN ROADWAY AND FLOODLIGHTING CONTROL PANEL
- 9 LOCATED IN ELECTRICAL ROOM
- 10 LOCATED IN AIR COMPRESSOR CONTROL CABINET

RECORD DRAWING

<p>DRAWN BY: <i>R. Walker</i></p> <p>DEPT. CHECK: <i>A. J. Bond</i></p> <p>PROJ. CHECK: <i>R. J. Marshall</i></p>	<p>DAVID W. PAULSON REGISTERED PROFESSIONAL ENGINEER</p> <p>MICHAEL EUGENE GRILLI REGISTERED PROFESSIONAL ENGINEER</p>	<p>M&E METCALF & EDDY, INC. / ENGINEERS BOSTON / NEW YORK / PALO ALTO / CHICAGO</p> <p><i>David W. Paulson</i> 6/7/77 REG. PROF. ENGR. MASS. NO. 13167 DATE</p> <p><i>Michael E. Grilli</i> 6-27-77 REG. PROF. ENGR. N.J. NO. 9620 DATE</p>	<p>SCALE: NONE</p> <p>TOWN OF BURRILLVILLE, RHODE ISLAND BOARD OF SEWER COMMISSIONERS</p> <p>WASTEWATER TREATMENT FACILITIES</p> <p>SINGLE LINE DIAGRAM I</p> <p>ELECTRICAL</p>	<p>JOB: 4068</p> <p>FILE NO. H-60050-1</p> <p>SHEET: E-3</p>
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