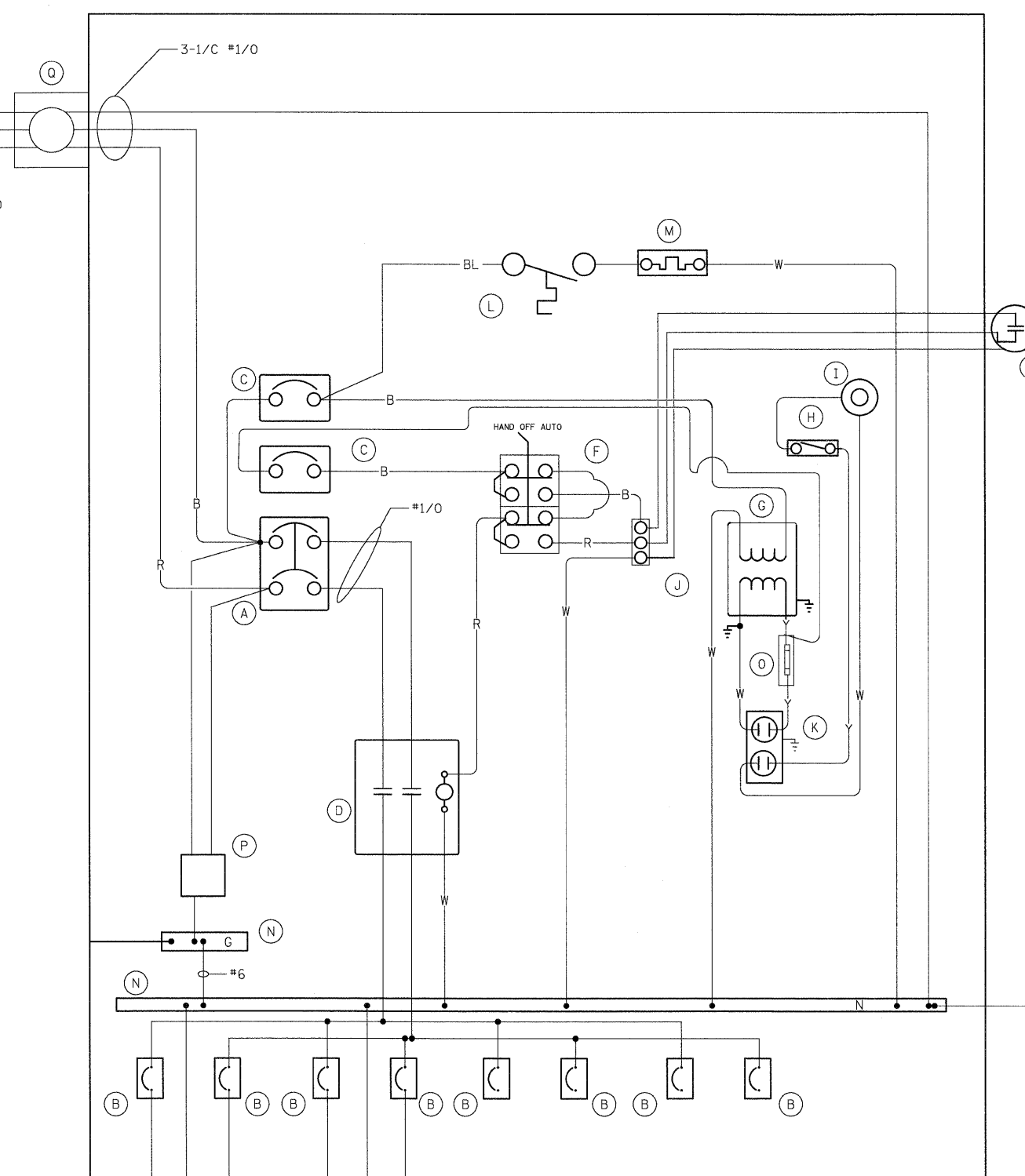


ELECTRICAL SERVICE FROM COMED  
100A, 240/480V, 1 PH, 3W



BILL OF MATERIALS CONTROLLER "CT"		
ITEM	QTY	DESCRIPTION
A	1	MAIN CIRCUIT BREAKER, MOLDED CASE, THERMAL MAGNETIC, 150 AMP, 2POLE, 480V, NON-INTERCHANGEABLE TRIP, INTERRUPTING RATING 25,000 AMP AT 480 VOLT
B	8	1P-30A, 240V, BOLT-ON BRANCH CIRCUIT BREAKERS, CAT. NO. GHB1030, INTERRUPTING RATING 14,000 AMP AT 277 VOLT (2 SPARE)
C	2	CUTLER HAMMER EHD1015 1P 15 AMP, 240V, INTERRUPTING RATING 14,000 AMP AT 277 VOLT
D	1	CH A202K4BA 2P 200A, 600V, 120V COIL
E	1	FA105M NITELIGHTER PHOTOCELL
F	1	SQ D 9001KYK111 HOA SWITCH
G	1	JEFFERSON 21-0071-055 1KVA XFORMER
H	1	OMRON DOOR SWITCH A20G07BK
I	1	LEVITON 29816-C LIGHT FIXTURE
J	1	CHINCH 3 POINT TB
K	1	LEVITON 6599 15A GFCI RECP
L	1	WR THERMOSTAT #2E552 0-50 DEG.
M	1	SS HEATER VULCAN #0S1408-250B 250 WATTS
N	2	COPPER GROUND AND NEUTRAL BUS, MIN. 1/4" X 1" X 12"
O	1	BUSSMAN KTK15 FUSE
P	1	BRACKET MOUNTED SURGE ARRESTER FOR 480/240V, 3W SERVICE
Q	1	1-PHASE, 3-WIRE, 200 AMP METER FITTING

POWER WIRING RHH/RHW  
CONTROL WIRING #12 MTW  
NEUTRAL BUS COLOR CODED WHITE  
GROUND BUS COLOR CODED GREEN  
UL LISTED

BL = BLUE  
W = WHITE  
B = BLACK  
R = RED  
Y = YELLOW

#6 GND IN 1/2" PVC CONDUIT  
TO 5/8" x 10' GROUND ROD

NOTES:

- FOR TEMPORARY LIGHTING CONTROLLER INSTALLATION DETAILS, SEE DRAWING RL-D1.
- PROVIDE #4 EQUIPMENT GROUND WIRE WITH EACH PAIR OF CIRCUIT CONDUCTORS.

3-1/C #4 w/MW  
AERIAL CABLE  
(TYP.)

CCT. A & B

CCT. C & D

SPARE

SPARE