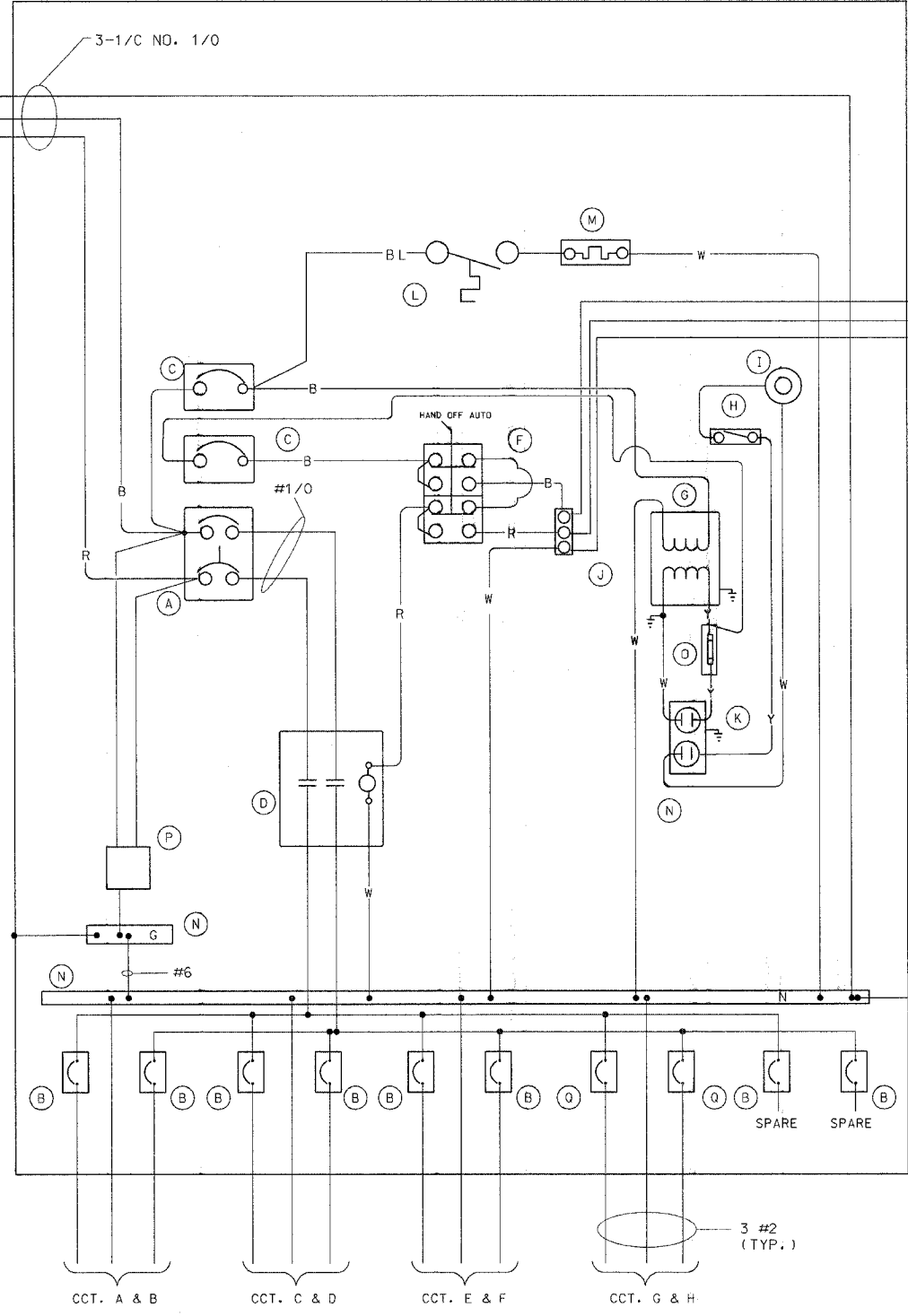


ELECTRICAL SERVICE FROM COMED
100A, 240/480V, 1 PH, 3W

3-1/C NO. 2 W/MW
AERIAL CABLE



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 # 051408-250B 250 WATTS
N	2	COPPER GROUND AND NEUTRAL BUS, MIN. 1/4" X 1" X 12"
D	1	BUSSMAN KTK15 FUSE
P	1	BRACKET MOUNTED SURGE ARRESTER FOR 480/240V, 3W SERVICE
Q	2	1P-40A, 240V, BOLT-ON BRANCH CIRCUIT BREAKERS, CAT. NO. GHB1040, INTERRUPTING RATING 14,000 AMP AT 277 VOLT

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 ED-7.
- PROVIDE #4 EQUIPMENT GROUND WIRE WITH EACH PAIR OF CIRCUIT CONDUCTORS.

ED-8

REVISIONS		NAME	DATE
NO.	DESCRIPTION		

ILLINOIS DEPARTMENT OF TRANSPORTATION
US RTE 6 (159TH ST) AT US RTE 45 (LAGRANGE RD)

**TEMPORARY
LIGHTING CONTROLLER
WIRING DIAGRAM**

SCALE: NONE DRAWN BY: MB
DATE: 7-07-06 CHECKED BY: KMY

McDonough Associates Inc.
Engineers / Architects

FILES
DATES
TIMES