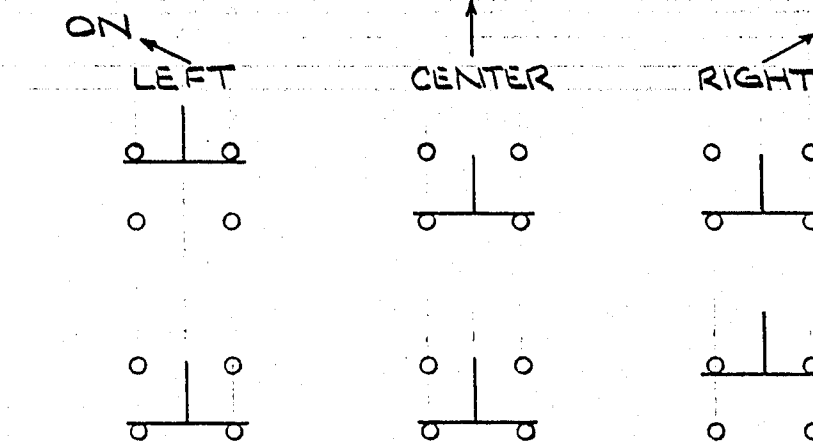
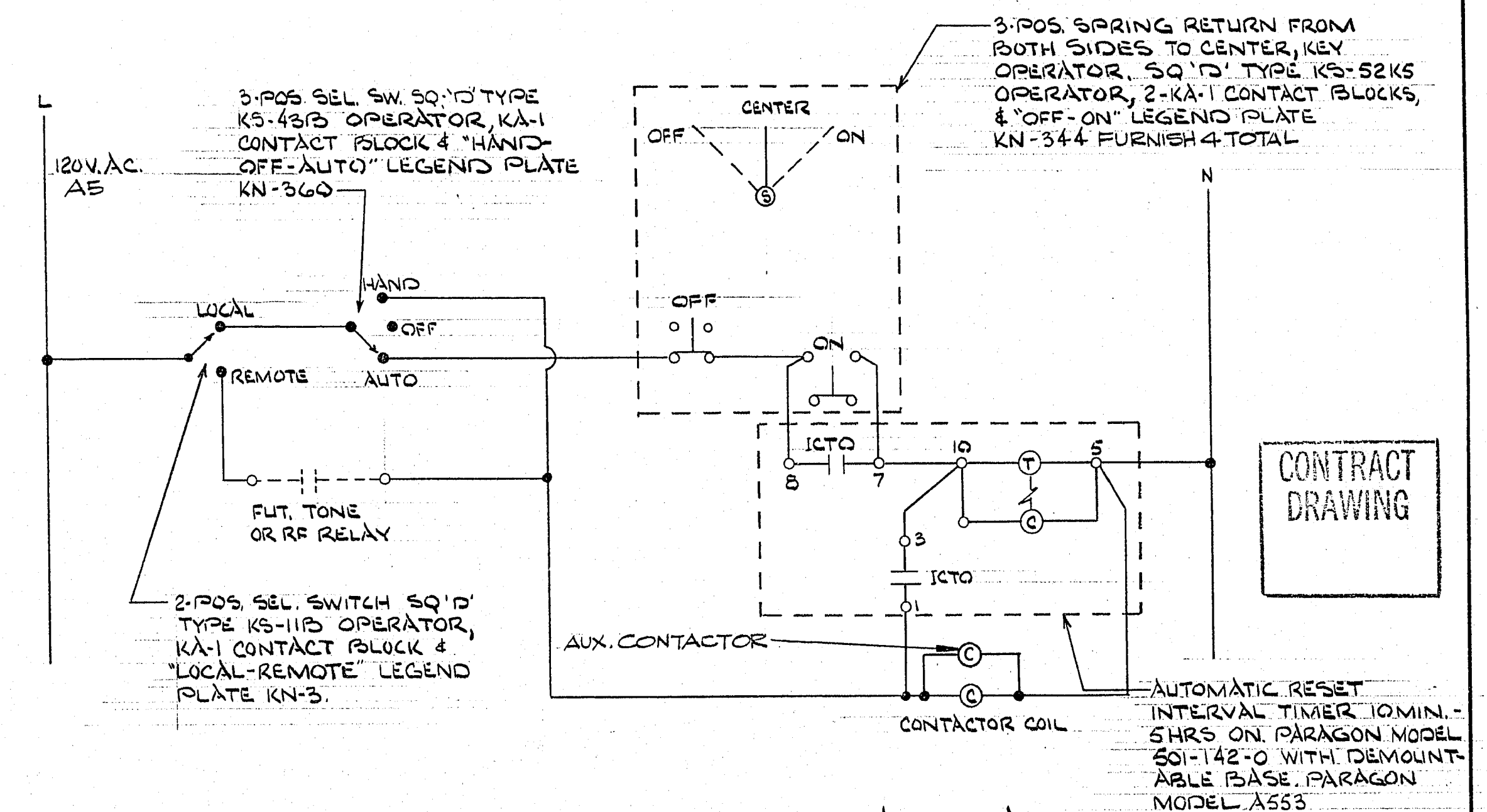


NOTES (THIS SHEET ONLY)

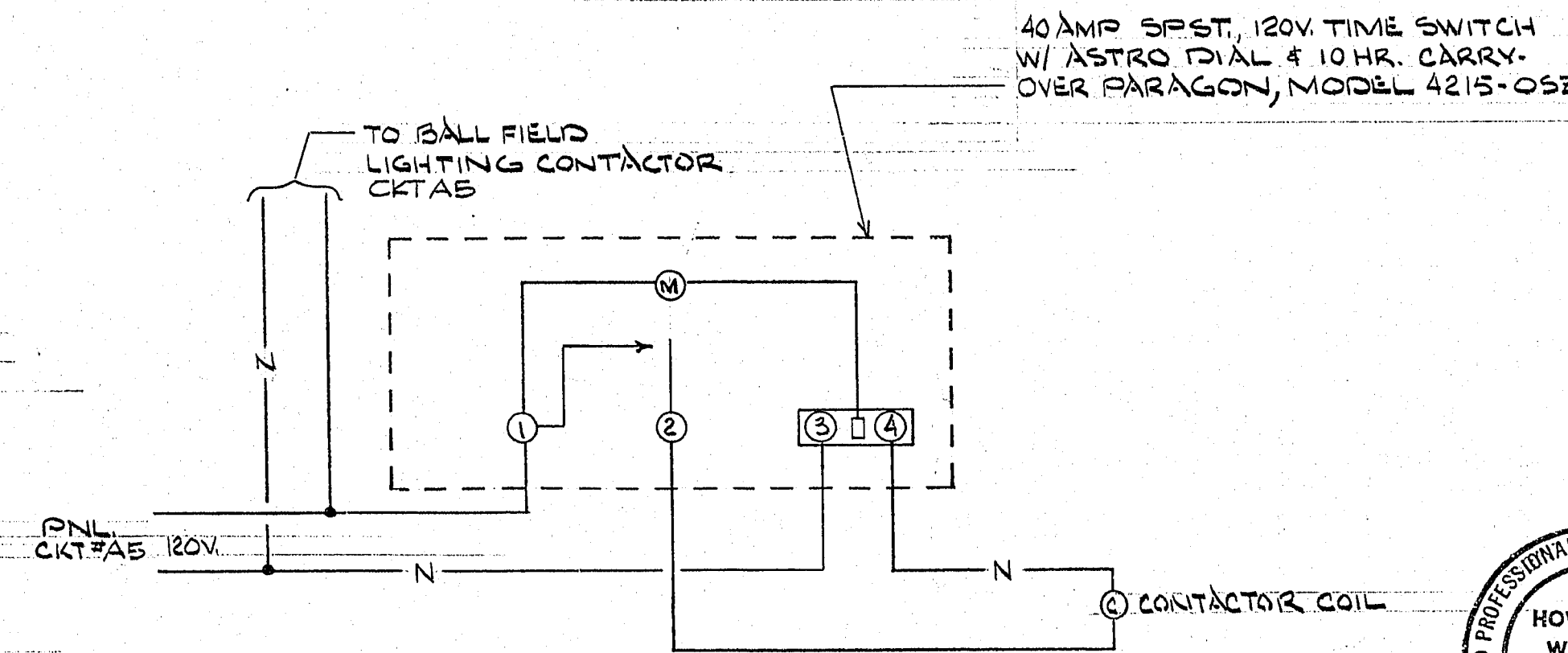
1. THE SWBD ENCLOSURE SHALL BE FREE STANDING, TOTALLY ENCLOSED, DEAD FRONT, 50,000 AMP RMS BRACING, COPPER BUS, CABLES ENTER FROM BOTTOM, INCLUDING EQUIP AS SHOWN ON THIS SHEET. PROVIDE FOR FUTURE MAIN BUS EXTENSION. THE FINISH PAINT COAT SHALL BE GREEN IN ACCORDANCE WITH SPEC.
2. SWITCHBOARD BRANCH BKRS. SHALL BE "F" FRAME, 14,000 RMS SYM. AMPERES AT 600 VOLTS, 3 POLE, SIZED AS PER THE SINGLE LINE DIAGRAM.
3. BALL FIELD LIGHTING CONTACTOR, 3 POLE, 300 AMP, 120VOLT COIL, NEMA SIZE 5, SQUARE "D" CLASS 8903, TYPE SQ-2 WITH SQUARE "D" CLASS 8910 20AMP 2 POLE AUX. CONTACTOR, TYPE HO-3, 120 V. COIL, N.C. CONTACTS, FORM Y39. ALL MTD. IN BALLFIELD LTG. SWITCHBOARD.
4. PARKING LOT LIGHTING CONTACTOR, 3 POLE, 30 AMP, 120VOLT COIL, NEMA SIZE 1, SQUARE "D" CLASS 8903, TYPE SQ-2, MOUNTED IN BALLFIELD LTG. SWITCHBOARD.
5. CURRENT LIMITING FUSES SHALL BE FURNISHED AS SHOWN. BUSSMANN MANUF. OR EQUAL. FURNISH ONE (1) EXTRA SET FOR EACH SWITCH.
6. ALL SAFETY SVS, LIGHTING PANELS, CIRCUIT BREAKERS, CONTACTORS, SHALL BE LABELED WITH A 1'x3x1/8" BLACK MICARTA NAMEPLATE WITH WHITE LETTERS. FASTEN WITH SHEET METAL SCREWS.



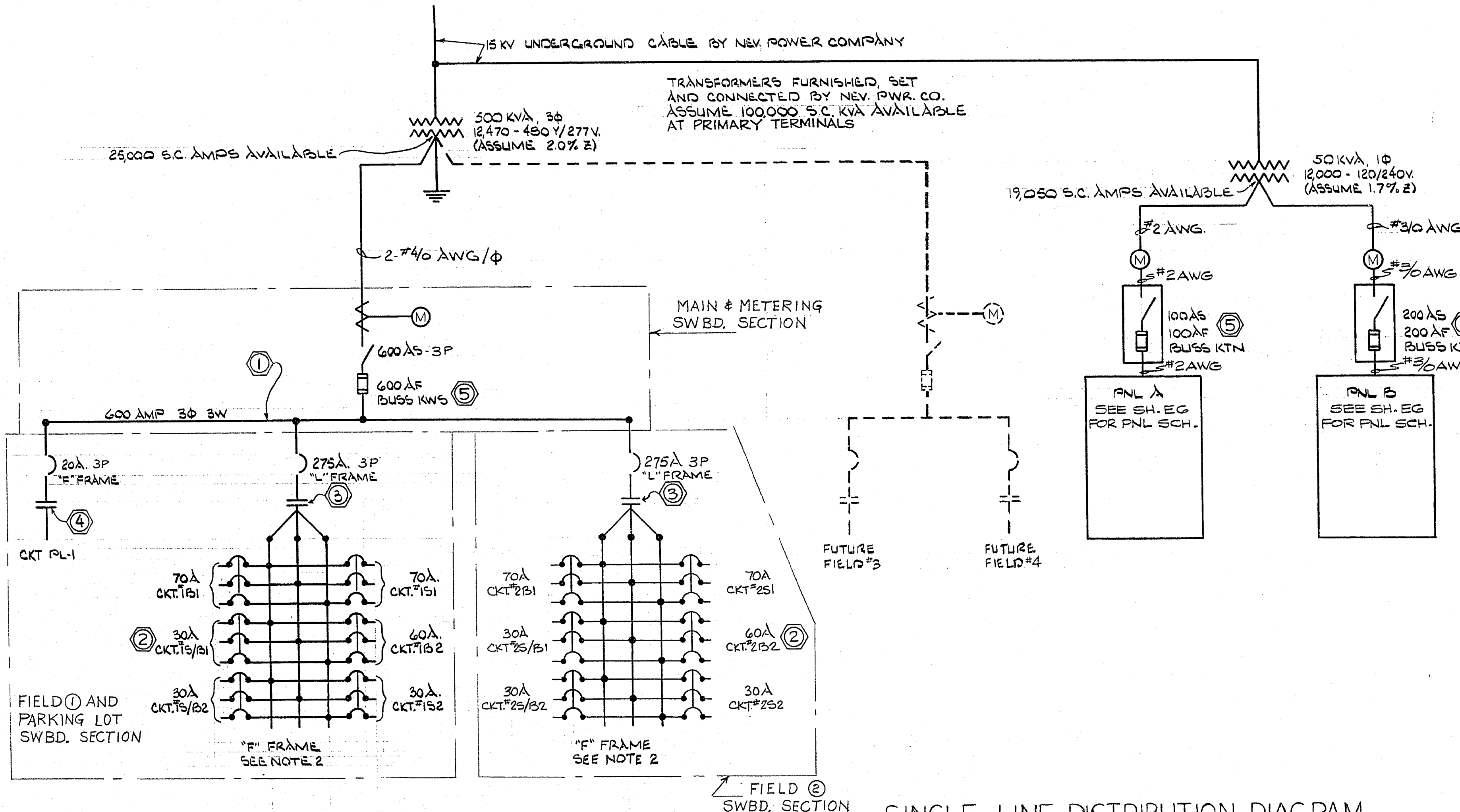
CONTACT BLOCK SEQUENCE (FOR KEY SWITCH)



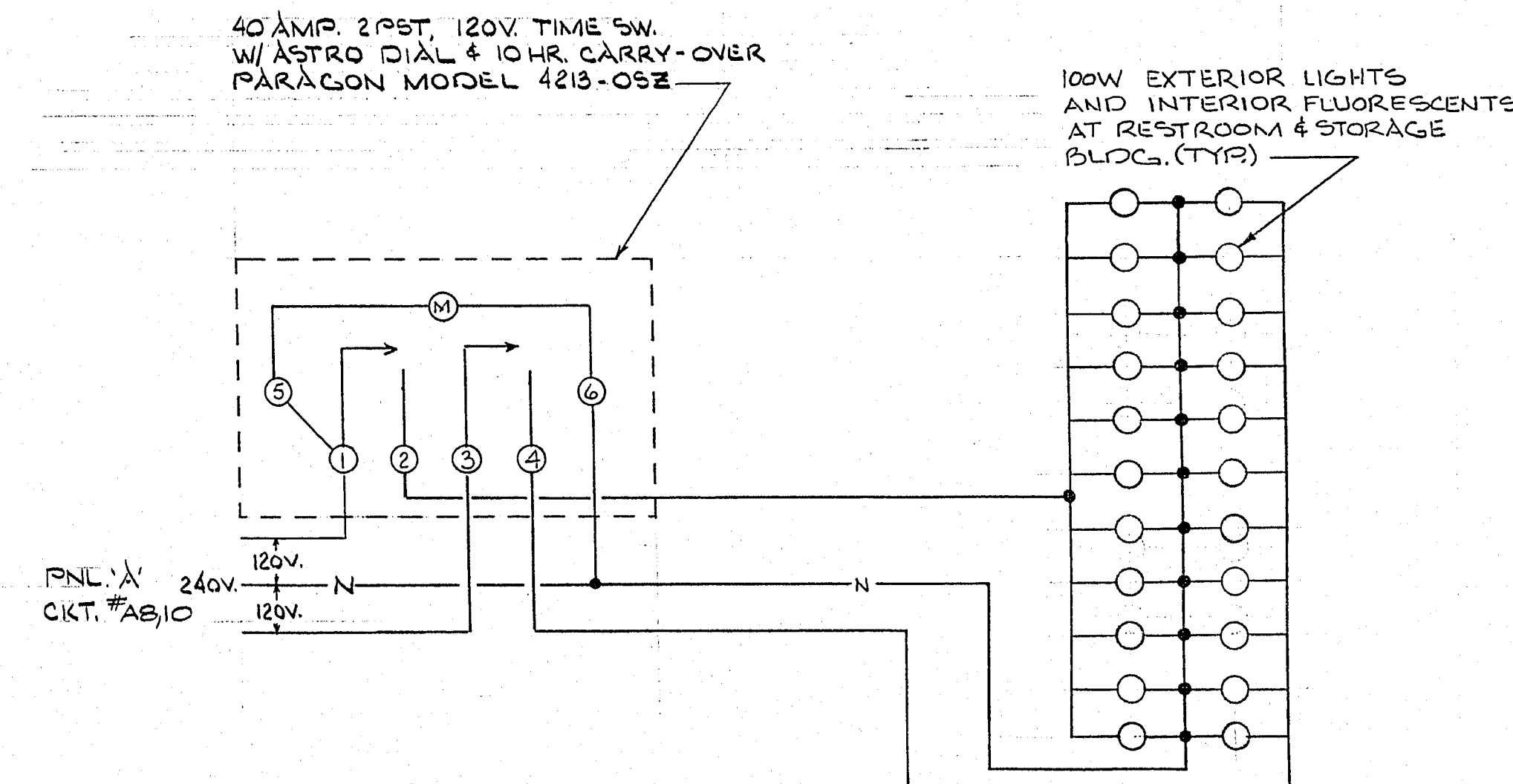
BALL FIELD LIGHTING WIRING DIAGRAM
SCALE: NONE



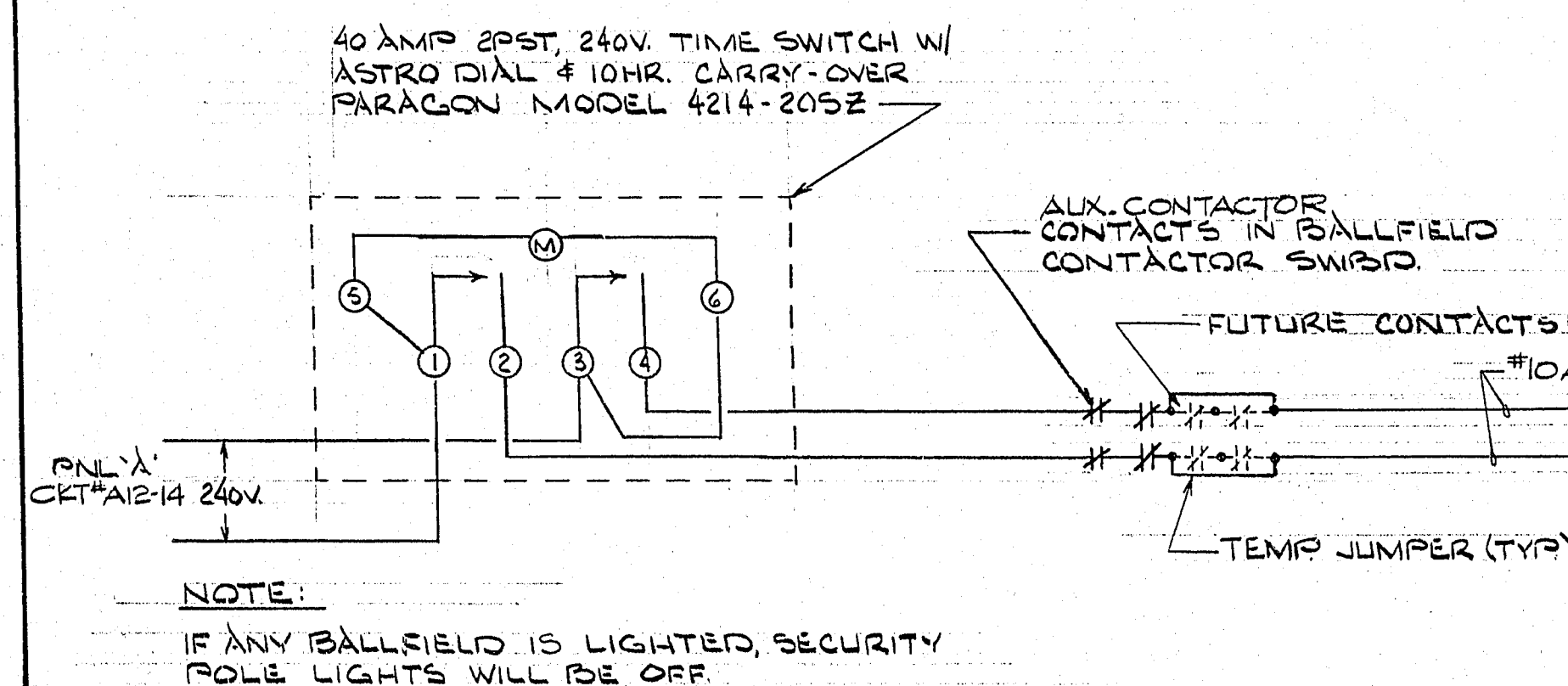
WIRING DIAGRAM
PARKING LOT LIGHTING
SCALE: NONE (MOUNTED W/ CONTACTOR IN FIELD LTG SWBD)



SINGLE LINE DISTRIBUTION DIAGRAM



WIRING DIAGRAM
BUILDING SECURITY LIGHTING
SCALE: NONE (WALL MOUNTED)



WIRING DIAGRAM
POLE MOUNTED SECURITY LTS.
SCALE: NONE (WALL MTD.)

DWYER, LOBER, COHEN, INCORPORATED
CONSULTING ENGINEERS

4015 (10/1) 14-000000 • SUITE 101 • LAS VEGAS, NEVADA 89103 • PHONE (702) 735-3114

REVISION NO.	DESCRIPTION	BY	DATE	APPROVED

REVISIONS

CITY OF LAS VEGAS NEVADA
FREEDOM PARK IMPROVEMENTS-PHASE III
AND PHASE IV

ONE LINE
& SCHEMATIC DIAGRAMS

SCALE (H)- N/A SCALE (M)- N/A
WO N° 3289 IF BK N° - N/A
DESIGNED BY H. D. WILLIAMS
DRAWN BY J. MATZ
APPROVED BY DIRECTOR OF PUBLIC
SERVICES:

E-3

650.22-8