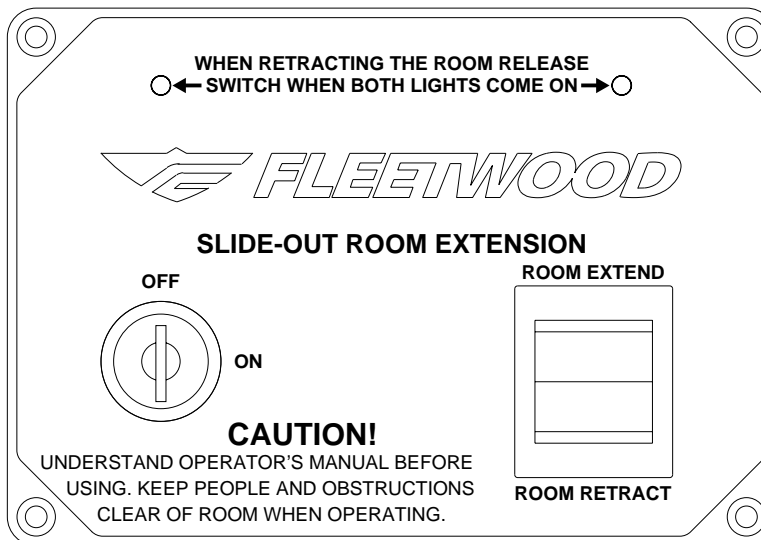




# AUTOMATIC TRAVEL CLAMP SCHEMATICS FLEETWOOD NO HWH ROOMS OR LEVELING SYSTEM



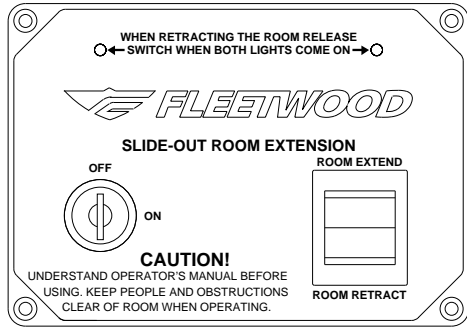
**CONTROL BOX AP34567 WITH A  
SERIAL NUMBER 9,999 OR SMALLER**

**HWH CORPORATION**  
(On I-80, Exit 267 South)  
2096 Moscow Road | Moscow, Iowa 52760  
Ph: 800/321-3494 (or) 563/724-3396 | Fax: 563/724-3408  
[www.hwh.com](http://www.hwh.com)

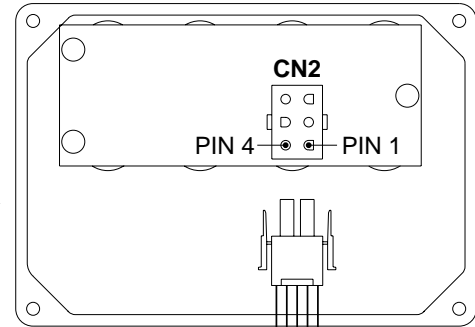
# ELECTRICAL CONNECTION DIAGRAM

## ROOM CLAMP CONNECTIONS

### ROOM CONTROL PANEL ROOMS WITH TRAVEL CLAMPS

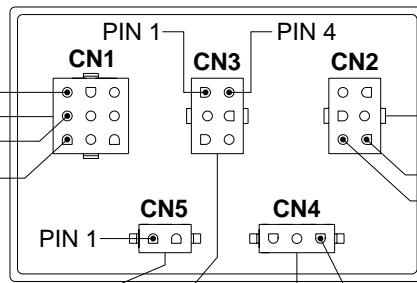


### (REVERSE) ROOM CONTROL PANEL



**NOTE: CONNECTIONS ARE THE SAME FOR ALL ROOMS WITH TRAVEL CLAMPS. HARNESSES ARE SUPPLIED BY VEHICLE MANUFACTURER**

### CLAMP CONTROL BOX

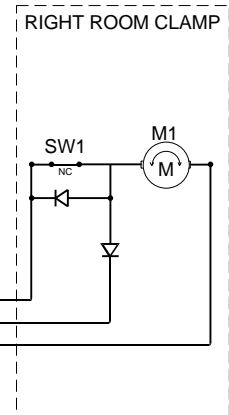
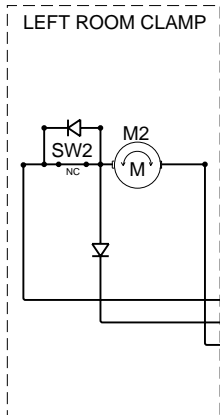
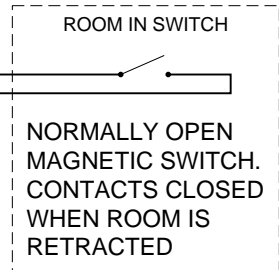


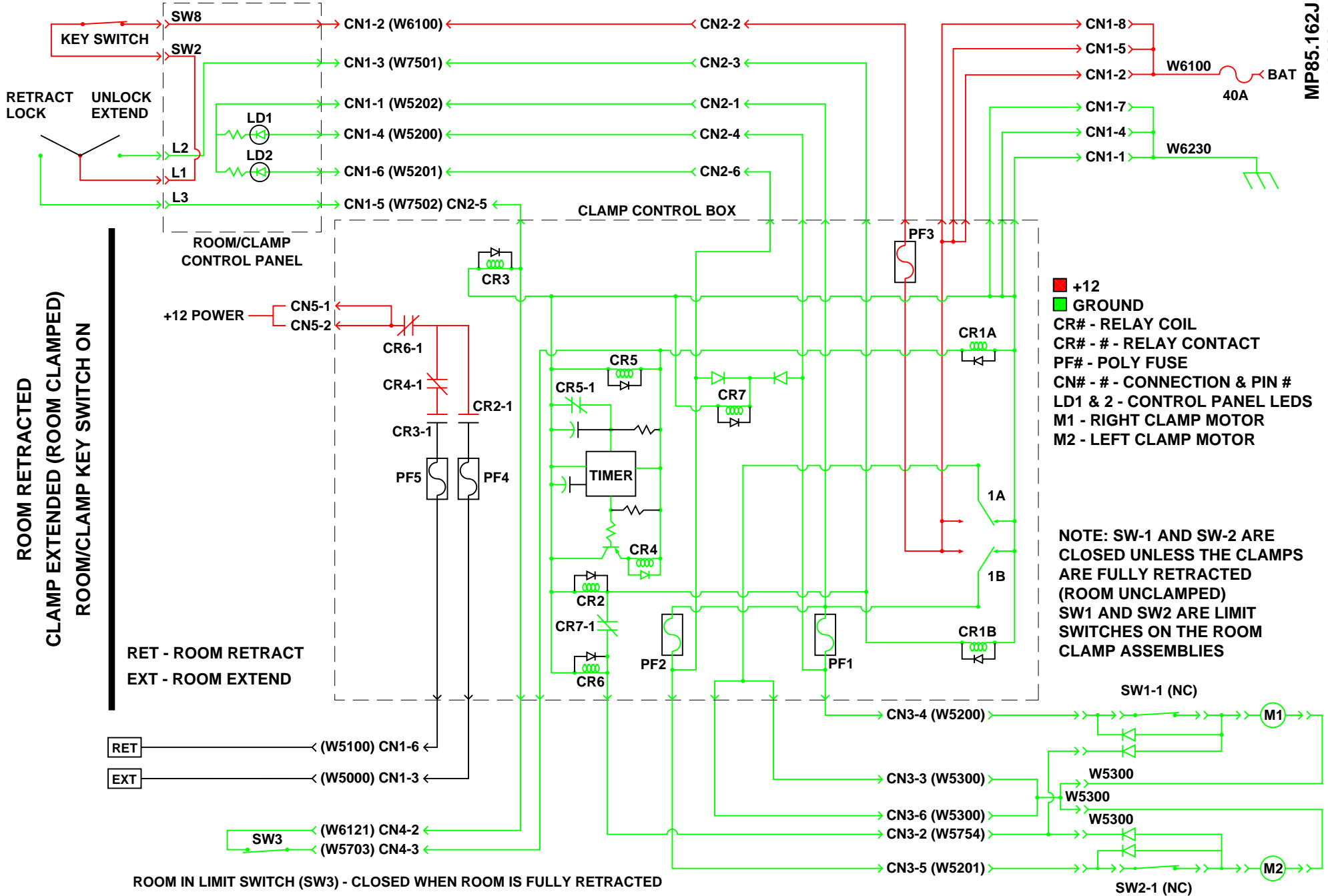
**POWER AND GROUND INPUT FOR CLAMP CONTROL BOX. SWITCHED +12 TO ROOM MECHANISM FOR EXTEND AND RETRACT**

**+12 POWER SUPPLIED BY MANUFACTURER**

**NOTE: SW1 AND SW2 CLAMP LIMIT SWITCHES ARE OPEN WHEN THE CLAMP IS FULLY RETRACTED.**

**NOTE: CN4 MAY ONLY HAVE ONE WIRE. POWER FOR THE ROOM IN SWITCH MAY BE SUPPLIED BY FLEETWOOD**

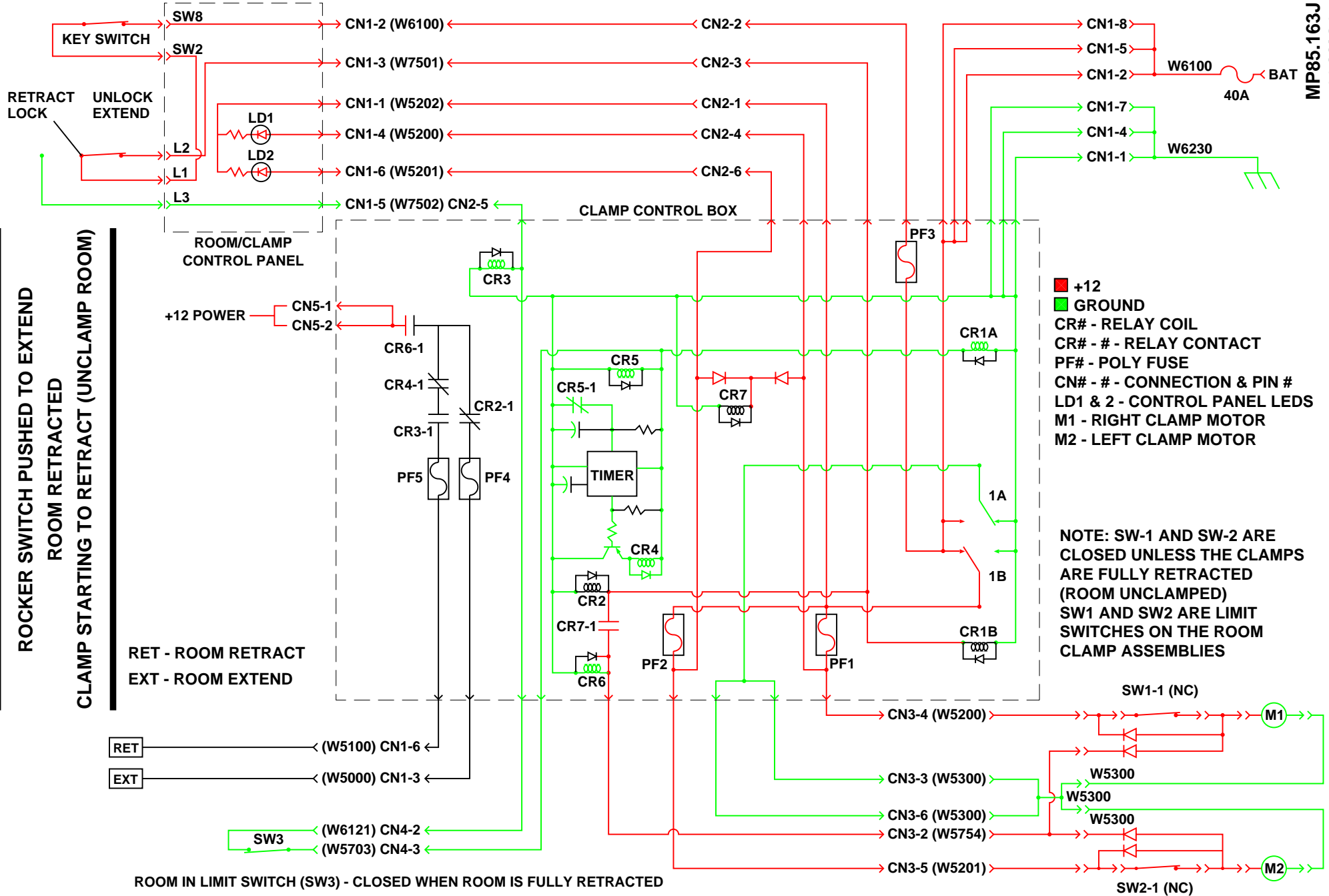




- +12
- GROUND
- CR# - RELAY COIL
- CR# - # - RELAY CONTACT
- PF# - POLY FUSE
- CN# - # - CONNECTION & PIN #
- LD1 & 2 - CONTROL PANEL LEDES
- M1 - RIGHT CLAMP MOTOR
- M2 - LEFT CLAMP MOTOR

NOTE: SW-1 AND SW-2 ARE CLOSED UNLESS THE CLAMPS ARE FULLY RETRACTED (ROOM UNCLAMPED)  
SW1 AND SW2 ARE LIMIT SWITCHES ON THE ROOM CLAMP ASSEMBLIES

ROOM IN LIMIT SWITCH (SW3) - CLOSED WHEN ROOM IS FULLY RETRACTED



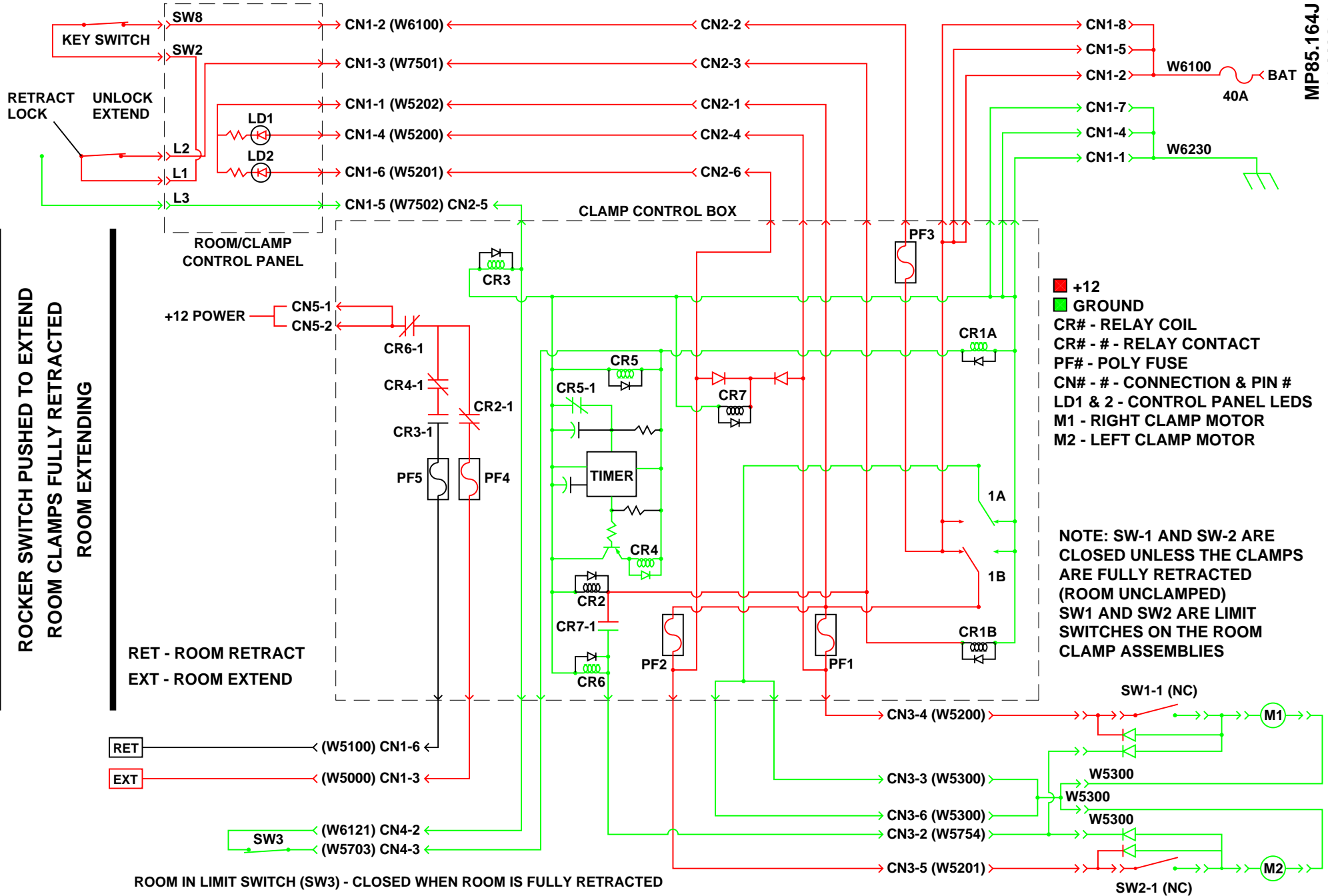
- +12
- GROUND
- CR# - RELAY COIL
- CR# - # - RELAY CONTACT
- PF# - POLY FUSE
- CN# - # - CONNECTION & PIN #
- LD1 & 2 - CONTROL PANEL LEDS
- M1 - RIGHT CLAMP MOTOR
- M2 - LEFT CLAMP MOTOR

NOTE: SW-1 AND SW-2 ARE CLOSED UNLESS THE CLAMPS ARE FULLY RETRACTED (ROOM UNCLAMPED)  
SW1 AND SW2 ARE LIMIT SWITCHES ON THE ROOM CLAMP ASSEMBLIES

ROOM IN LIMIT SWITCH (SW3) - CLOSED WHEN ROOM IS FULLY RETRACTED

ROCKER SWITCH PUSHED TO EXTEND  
 ROOM RETRACTED  
 CLAMP STARTING TO RETRACT (UNCLAMP ROOM)

RET - ROOM RETRACT  
EXT - ROOM EXTEND



- +12
- GROUND
- CR# - RELAY COIL
- CR# - # - RELAY CONTACT
- PF# - POLY FUSE
- CN# - # - CONNECTION & PIN #
- LD1 & 2 - CONTROL PANEL LEDES
- M1 - RIGHT CLAMP MOTOR
- M2 - LEFT CLAMP MOTOR

NOTE: SW-1 AND SW-2 ARE CLOSED UNLESS THE CLAMPS ARE FULLY RETRACTED (ROOM UNCLAMPED)  
SW1 AND SW2 ARE LIMIT SWITCHES ON THE ROOM CLAMP ASSEMBLIES

ROOM IN LIMIT SWITCH (SW3) - CLOSED WHEN ROOM IS FULLY RETRACTED

ROCKER SWITCH PUSHED TO EXTEND  
ROOM CLAMPS FULLY RETRACTED  
ROOM EXTENDING

RET - ROOM RETRACT  
EXT - ROOM EXTEND

ROOM/CLAMP CONTROL PANEL

CLAMP CONTROL BOX

SW1-1 (NC)

SW2-1 (NC)

M1

M2

W6100 BAT 40A

W6230

1A

1B

TIMER

PF3

CR1A

CR1B

CR5-1

CR5-1

CR4

CR4

CR7-1

CR7-1

CR6

CR6

CR2

CR2

CR3-1

CR3-1

CR4-1

CR4-1

CR6-1

CR6-1

CR2-1

CR2-1

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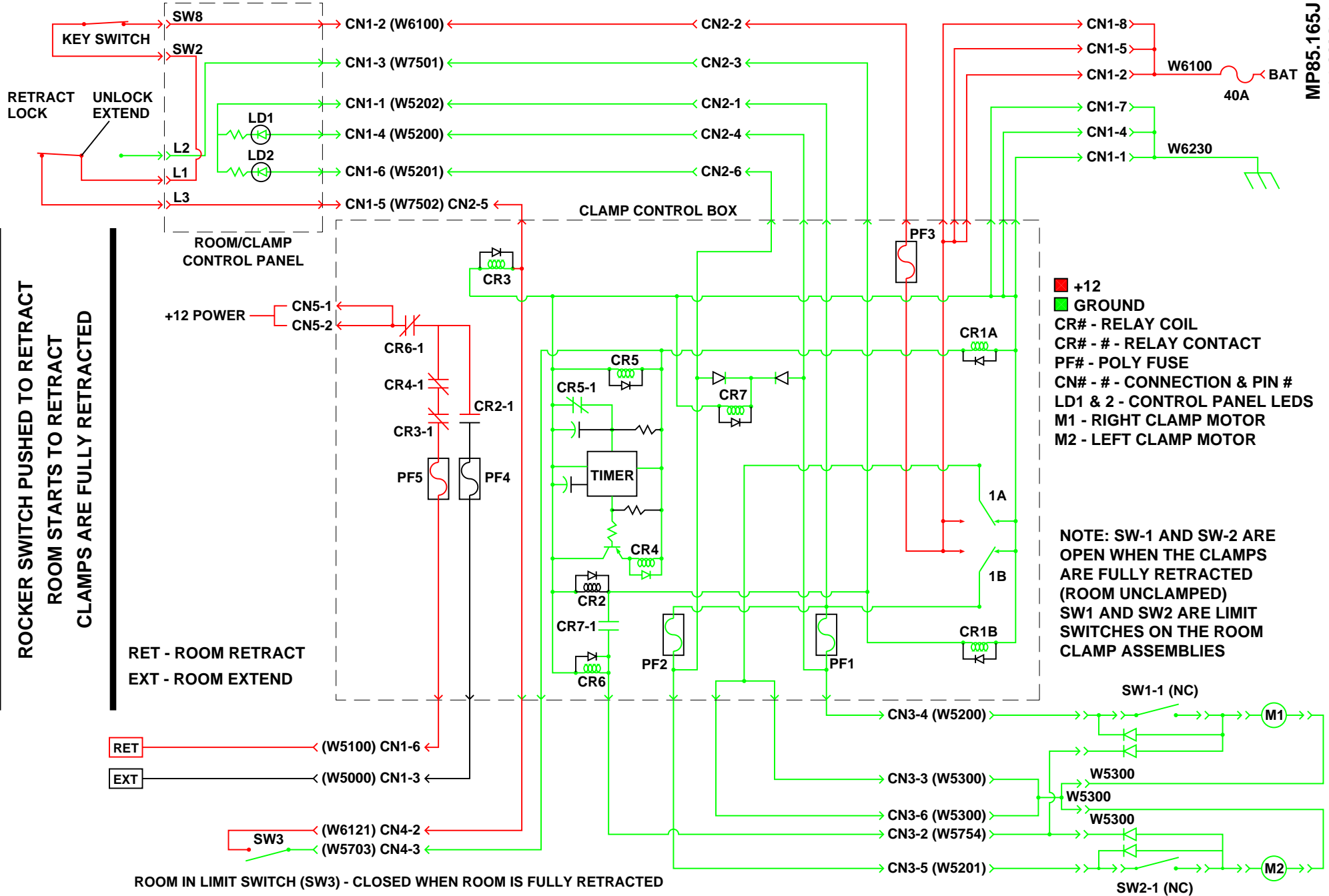
CR98

CR99

CR99

CR100

CR100



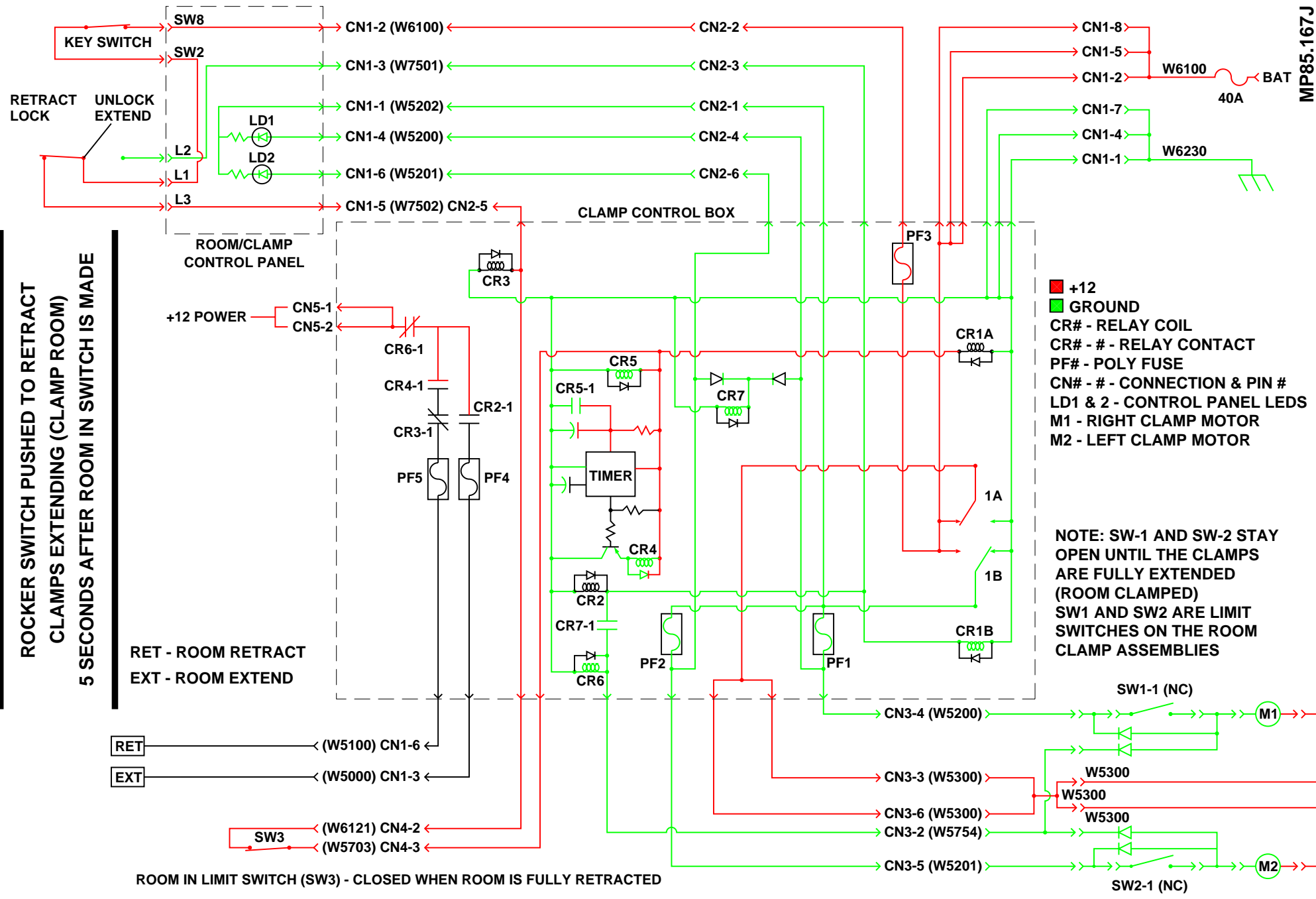
ROCKER SWITCH PUSHED TO RETRACT  
 ROOM STARTS TO RETRACT  
 CLAMPS ARE FULLY RETRACTED

- +12
- GROUND
- CR# - RELAY COIL
- CR# - # - RELAY CONTACT
- PF# - POLY FUSE
- CN# - # - CONNECTION & PIN #
- LD1 & 2 - CONTROL PANEL LEDs
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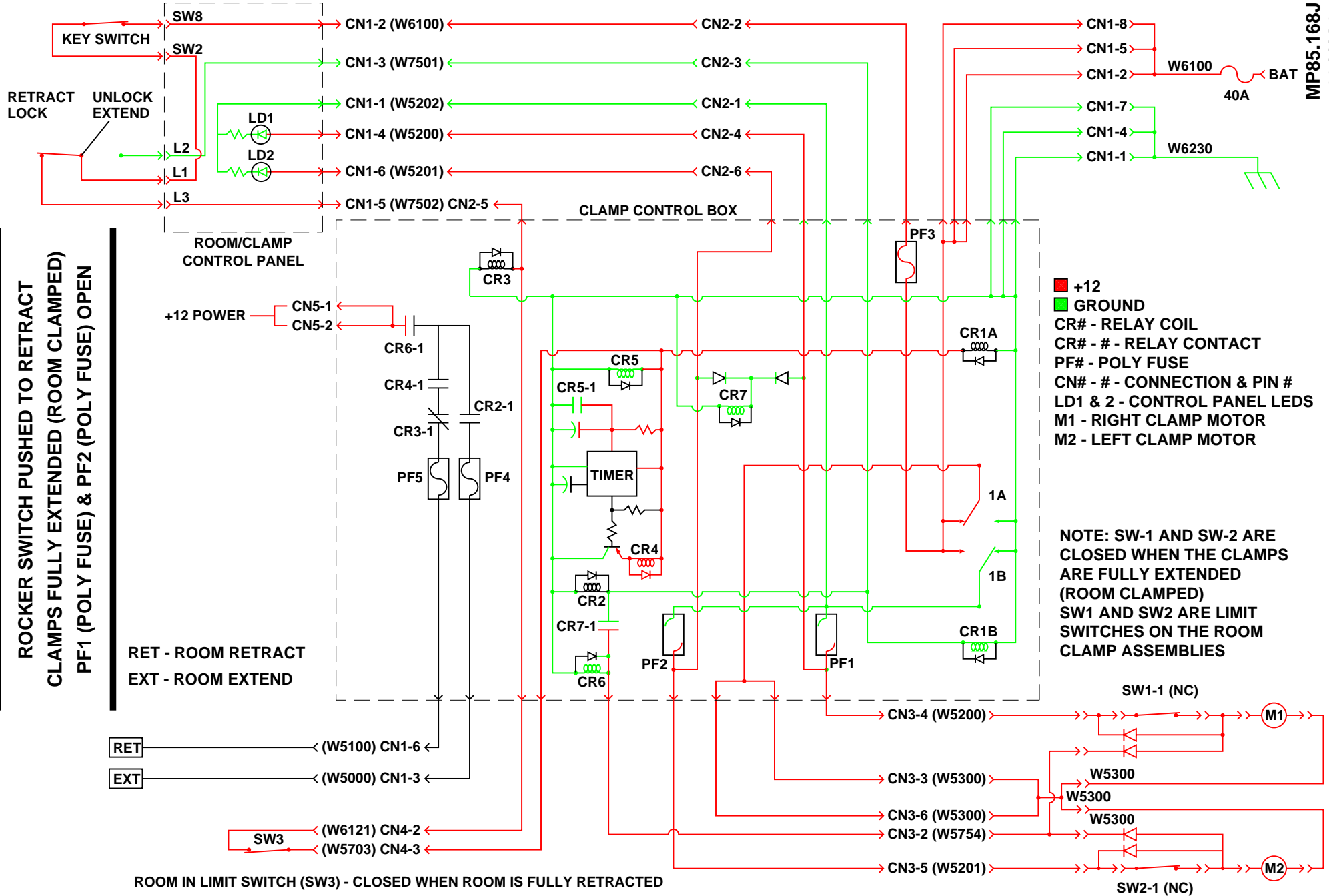
NOTE: SW-1 AND SW-2 ARE OPEN WHEN THE CLAMPS ARE FULLY RETRACTED (ROOM UNCLAMPED) SW1 AND SW2 ARE LIMIT SWITCHES ON THE ROOM CLAMP ASSEMBLIES

ROOM IN LIMIT SWITCH (SW3) - CLOSED WHEN ROOM IS FULLY RETRACTED





**ROCKER SWITCH PUSHED TO RETRACT  
 CLAMPS EXTENDING (CLAMP ROOM)  
 5 SECONDS AFTER ROOM IN SWITCH IS MADE**



ROCKER SWITCH PUSHED TO RETRACT  
 CLAMPS FULLY EXTENDED (ROOM CLAMPED)  
 PF1 (POLY FUSE) & PF2 (POLY FUSE) OPEN

RET - ROOM RETRACT  
 EXT - ROOM EXTEND