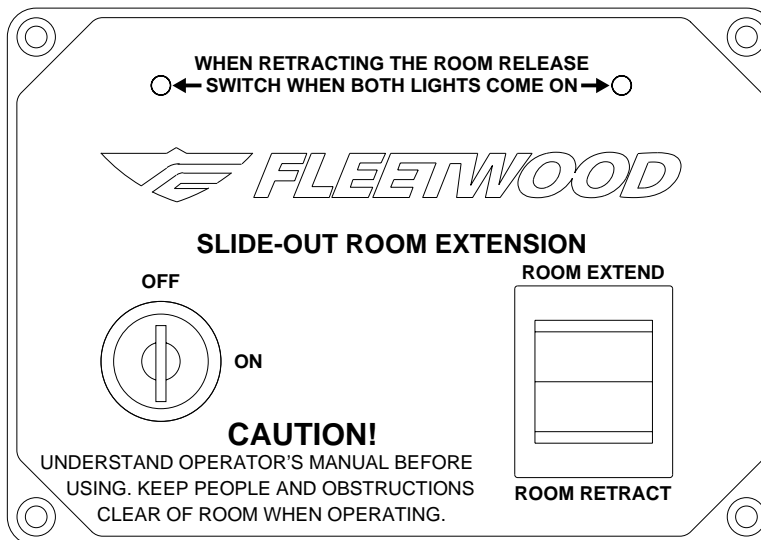




# AUTOMATIC TRAVEL CLAMP SCHEMATICS FLEETWOOD NO HWH ROOMS OR LEVELING SYSTEM



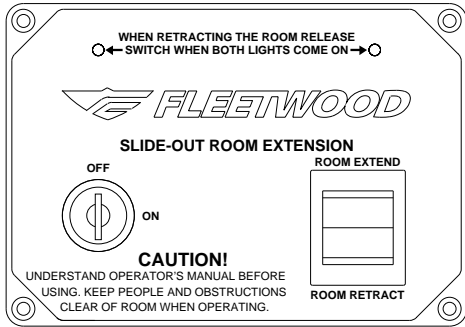
**CONTROL BOX AP34567 WITH A  
SERIAL NUMBER 9,999 OR SMALLER**

**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)

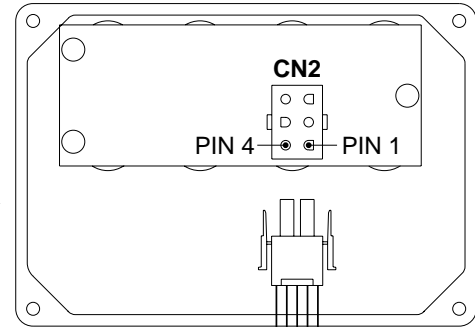
# ELECTRICAL CONNECTION DIAGRAM

## ROOM CLAMP CONNECTIONS

### ROOM CONTROL PANEL ROOMS WITH TRAVEL CLAMPS

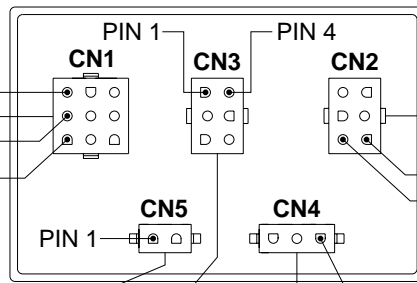


### (REVERSE) ROOM CONTROL PANEL



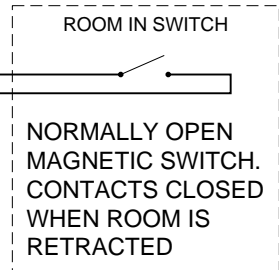
**NOTE: CONNECTIONS ARE THE SAME FOR ALL ROOMS WITH TRAVEL CLAMPS. HARNESSES ARE SUPPLIED BY VEHICLE MANUFACTURER**

### CLAMP CONTROL BOX

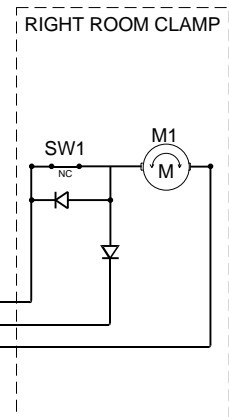
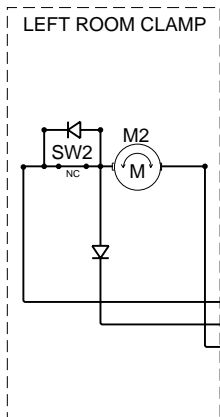


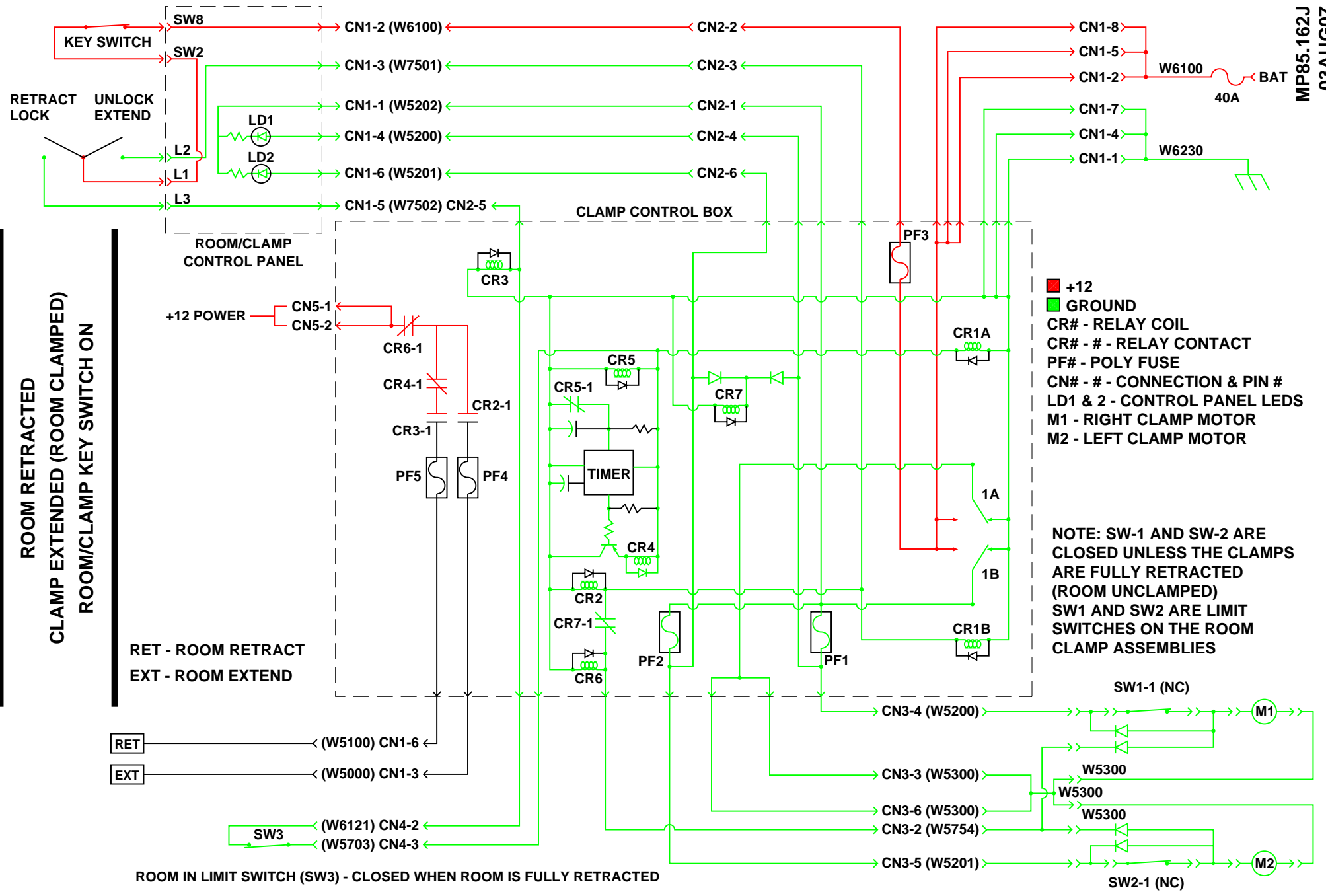
**POWER AND GROUND INPUT FOR CLAMP CONTROL BOX. SWITCHED +12 TO ROOM MECHANISM FOR EXTEND AND RETRACT**

**+12 POWER SUPPLIED BY MANUFACTURER**



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





- +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

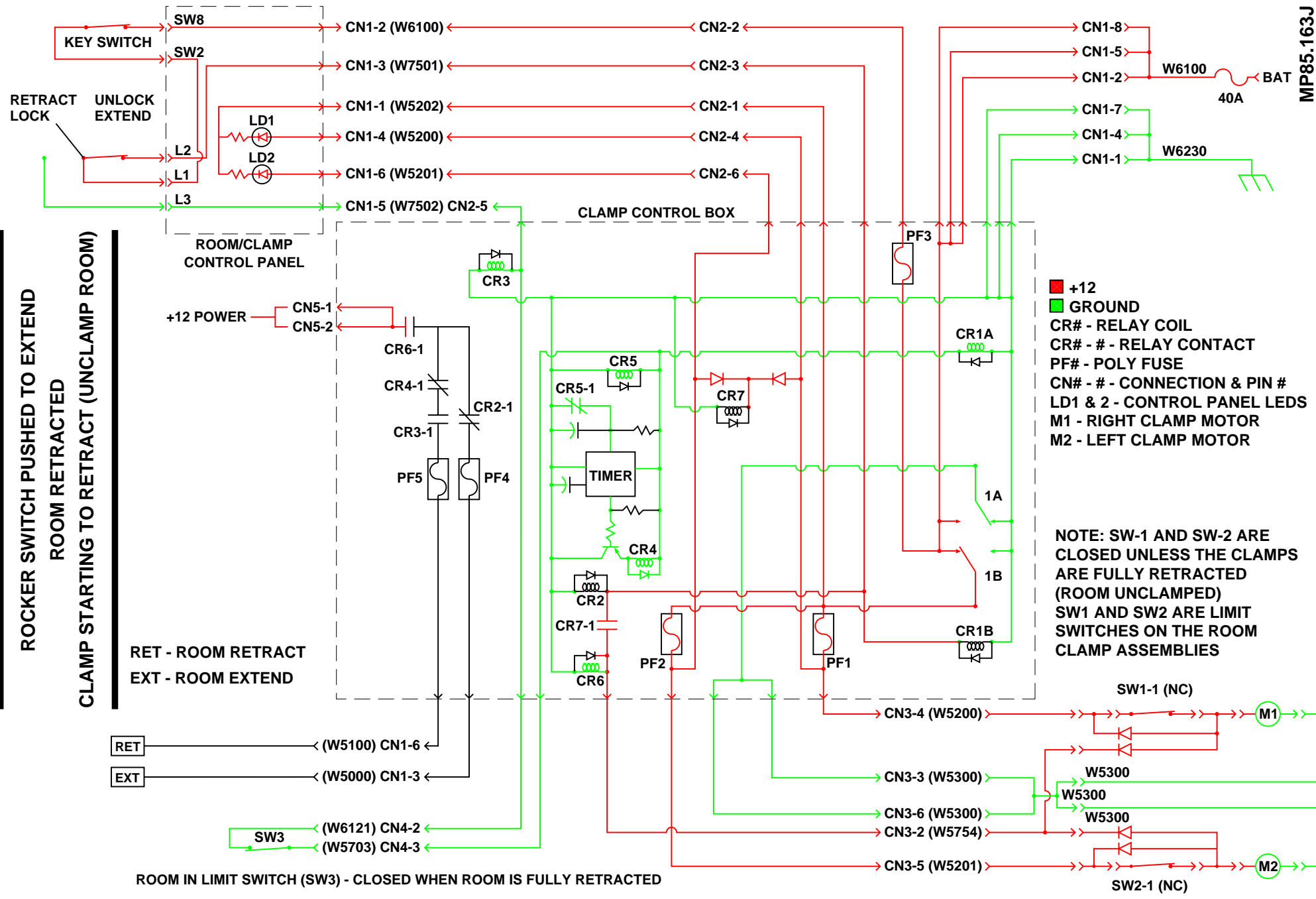
RET - ROOM RETRACT  
EXT - ROOM EXTEND

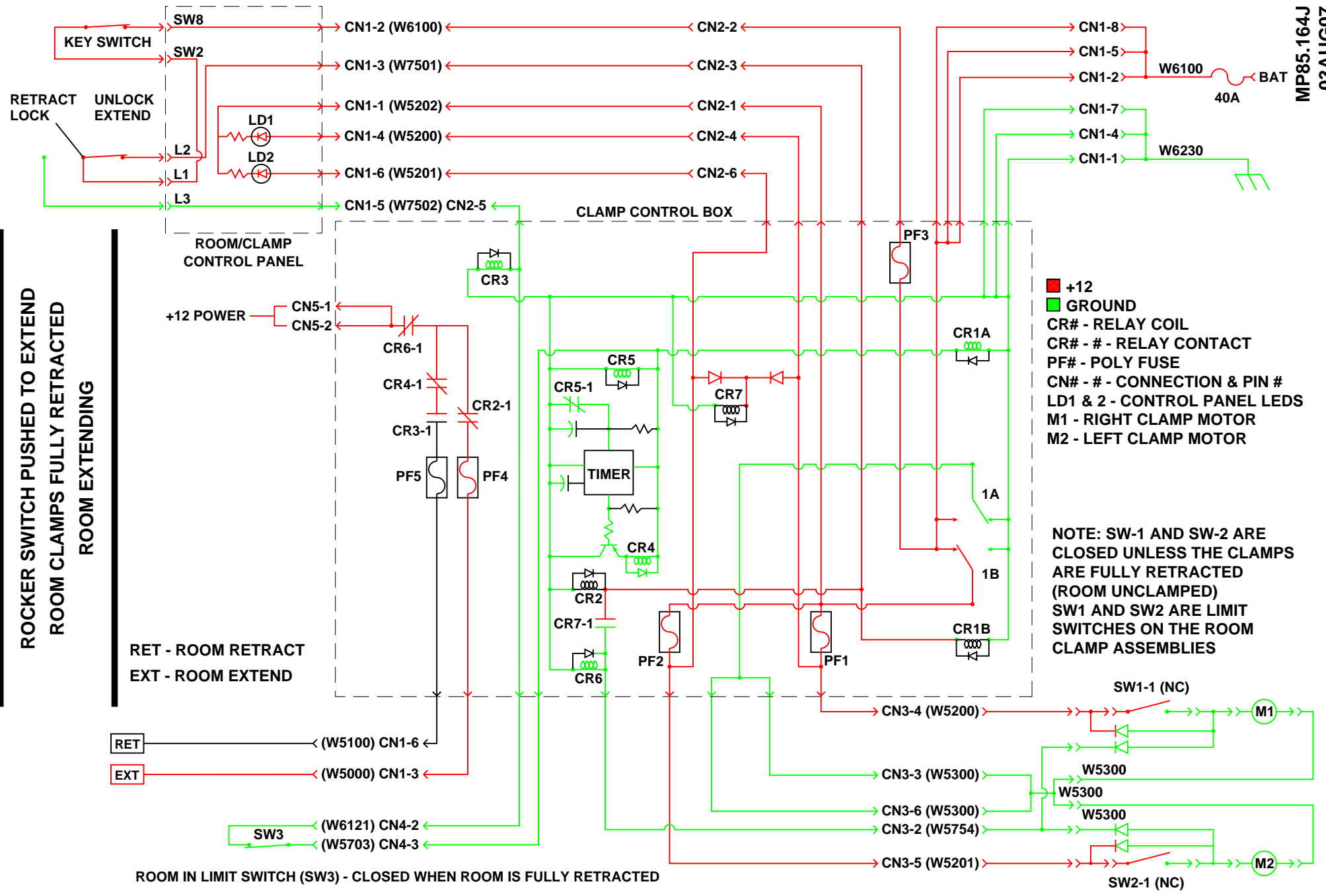
RET (W5100) CN1-6  
EXT (W5000) CN1-3

SW3 (W6121) CN4-2  
(W5703) CN4-3

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

SW1-1 (NC)  
M1  
W5300  
W5300  
W5300  
CN3-4 (W5200)  
CN3-3 (W5300)  
CN3-6 (W5300)  
CN3-2 (W5754)  
CN3-5 (W5201)  
M2  
SW2-1 (NC)



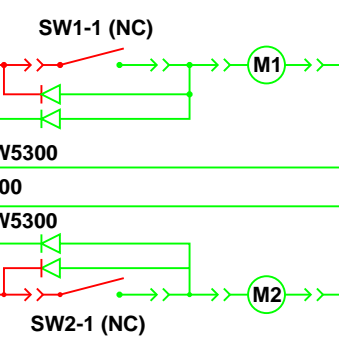


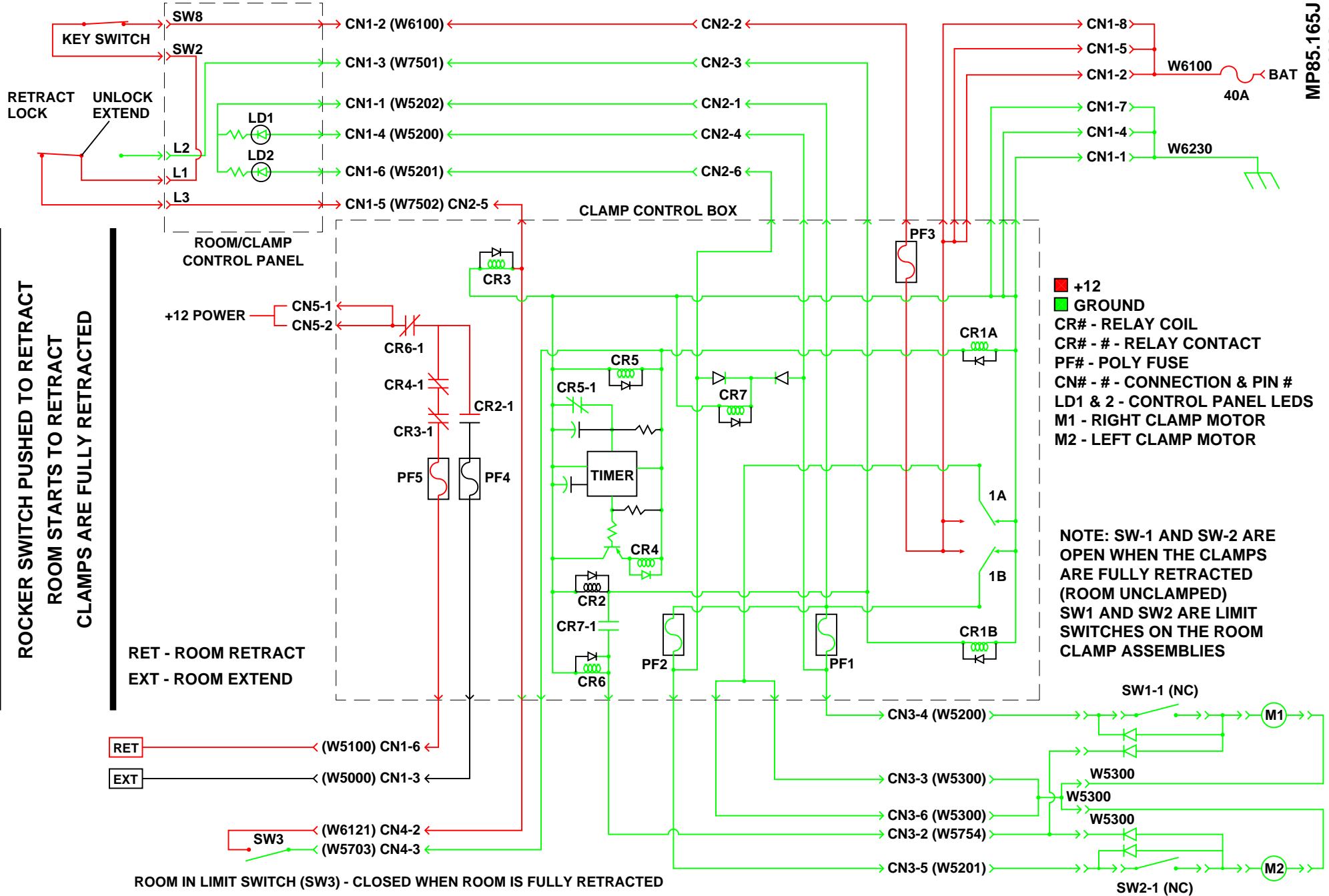
- +12
- GROUND
- CR# - RELAY COIL
- CR# - # - RELAY CONTACT
- PF# - POLY FUSE
- CN# - # - CONNECTION & PIN #
- LD1 & 2 - CONTROL PANEL LEDS
- M1 - RIGHT CLAMP MOTOR
- M2 - LEFT CLAMP MOTOR

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

ROCKER SWITCH PUSHED TO EXTEND  
 ROOM CLAMPS FULLY RETRACTED  
 ROOM EXTENDING

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





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

RET - ROOM RETRACT  
EXT - ROOM EXTEND

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

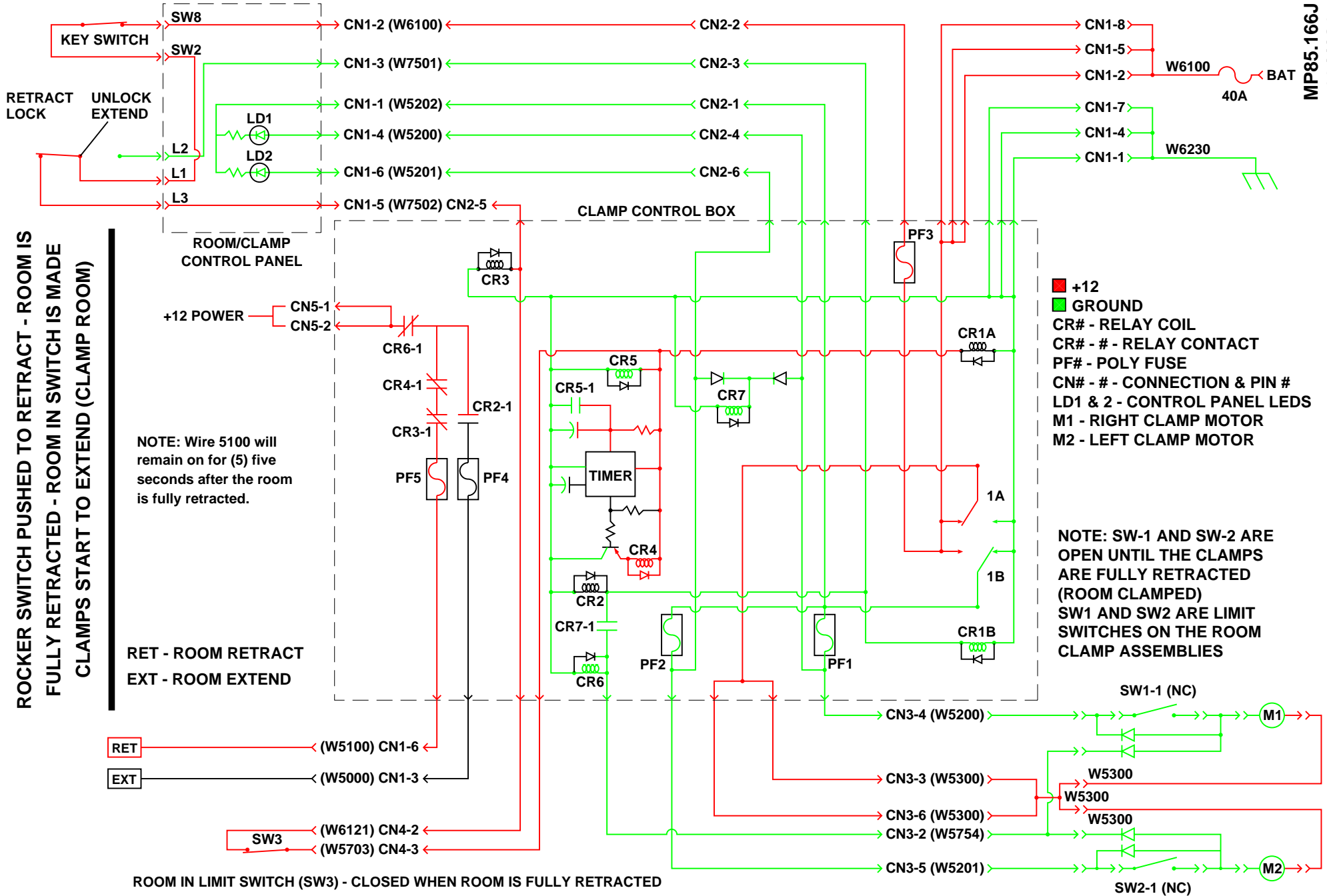
NOTE: SW-1 AND SW-2 ARE OPEN WHEN THE CLAMPS ARE FULLY RETRACTED (ROOM UNCLAMPED)  
SW1 AND SW2 ARE LIMIT SWITCHES ON THE ROOM CLAMP ASSEMBLIES

SW1-1 (NC)

SW2-1 (NC)

M1

M2

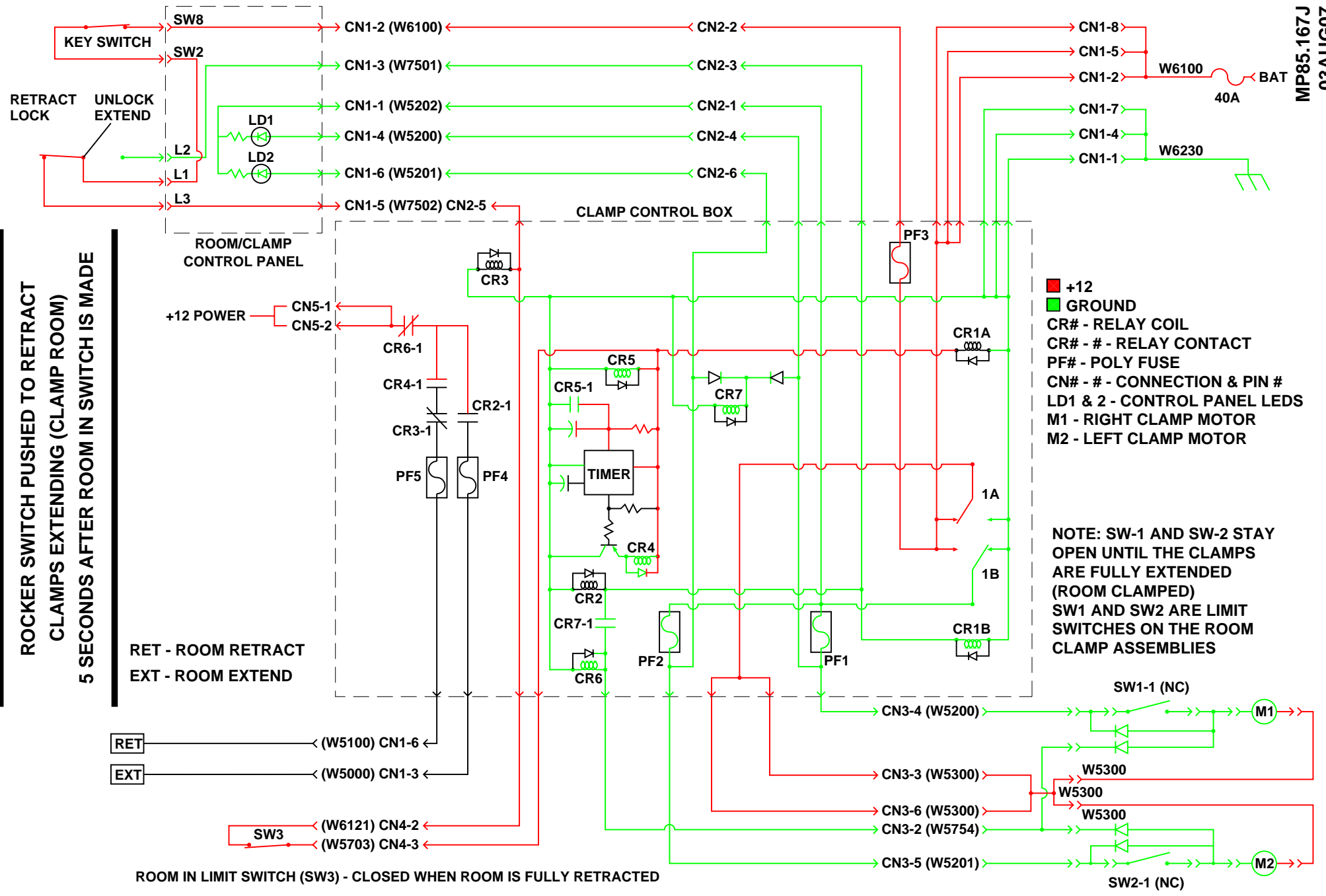


NOTE: Wire 5100 will remain on for (5) five seconds after the room is fully retracted.

NOTE: SW-1 AND SW-2 ARE OPEN UNTIL THE CLAMPS ARE FULLY RETRACTED (ROOM CLAMPED)  
SW1 AND SW2 ARE LIMIT SWITCHES ON THE ROOM CLAMP ASSEMBLIES

ROCKER SWITCH PUSHED TO RETRACT - ROOM IS FULLY RETRACTED - ROOM IN SWITCH IS MADE CLAMPS START TO EXTEND (CLAMP ROOM)

RET - ROOM RETRACT  
EXT - ROOM EXTEND



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

RET - ROOM RETRACT  
EXT - ROOM EXTEND

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



