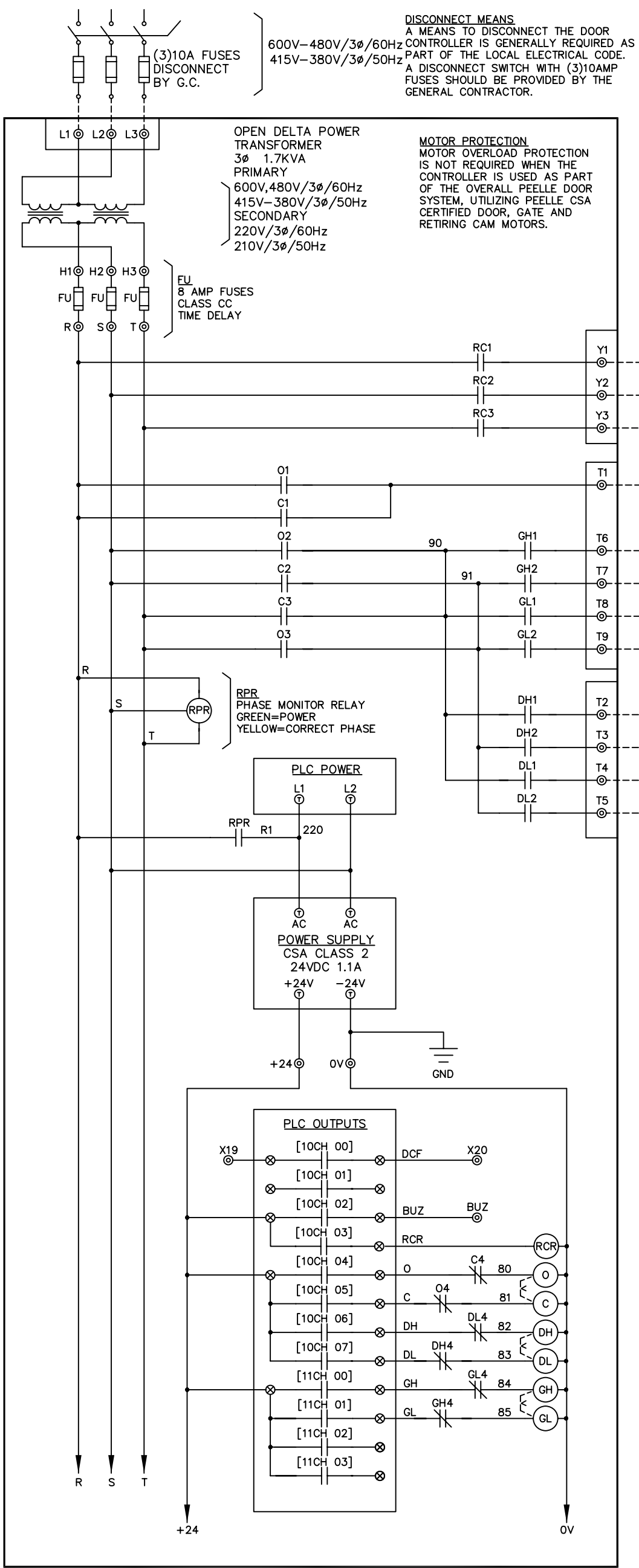
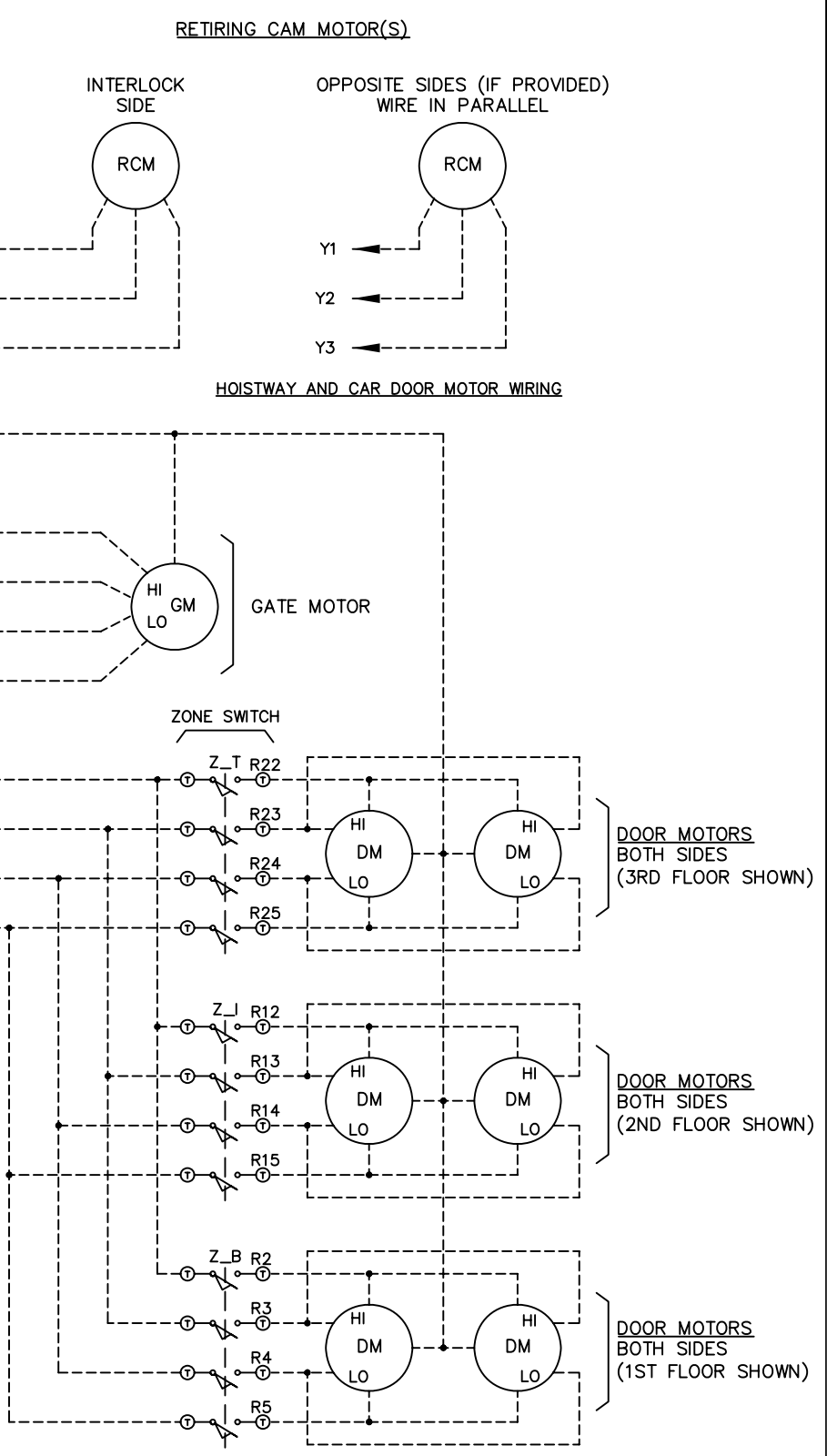


NO	DATE	REVISION	BY
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NOTE:
WHERE PROVIDED, AUTOMATIC DISCONNECT BY SPRINKLER ACTIVATION SHOULD ALSO DISCONNECT THE DOOR CONTROLLER.



- PLC OUTPUTS AND CONTACTORS (CONTINUED)**
- DCE [10CH 00] DOOR AND GATE CLOSED AUXILIARY CONTACT, CONNECTION X19-X20
 - BUZ [10CH 02] DOOR CLOSE WARNING BUZZER WITH DELAY (NO OUTPUT IN SLAVE OPERATION)
 - RCR [10CH 03] RETIRING CAM RELAY
 - O [10CH 04] OPEN DIRECTION CONTACTOR
 - C [10CH 05] CLOSE DIRECTION CONTACTOR
 - DH [10CH 06] DOOR HIGH SPEED CONTACTOR
 - DL [10CH 07] DOOR SLOW-DOWN CONTACTOR
 - GH [11CH 00] GATE HIGH SPEED CONTACTOR
 - GL [11CH 01] GATE SLOW-DOWN CONTACTOR

- NOTES:**
- EXTERNAL WIRE -----
 - _____ INTERNAL WIRE _____
 - 1. ALL LIMIT SWITCHES AND CONTACTS SHOWN WITH NO ACTION APPLIED
 - 2. ⊙ TERMINAL CONNECTION ON DOOR CONTROLLER
 - 3. ⊙ COMPONENT TERMINAL CONNECTIONS
 - 4. ⊗ I/O TERMINAL CONNECTION ON PLC
 - 5. CAR AND HALL PUSH BUTTONS BY OTHERS

QTY	ROUTING DEPARTMENT
1	ELECTRICAL
1	SUPERVISOR
1	SHOP FF
1	CUST FF

PEELLE CONTROLLER MANUFACTURED FOR NEMA 1 RATED MACHINE ROOM.

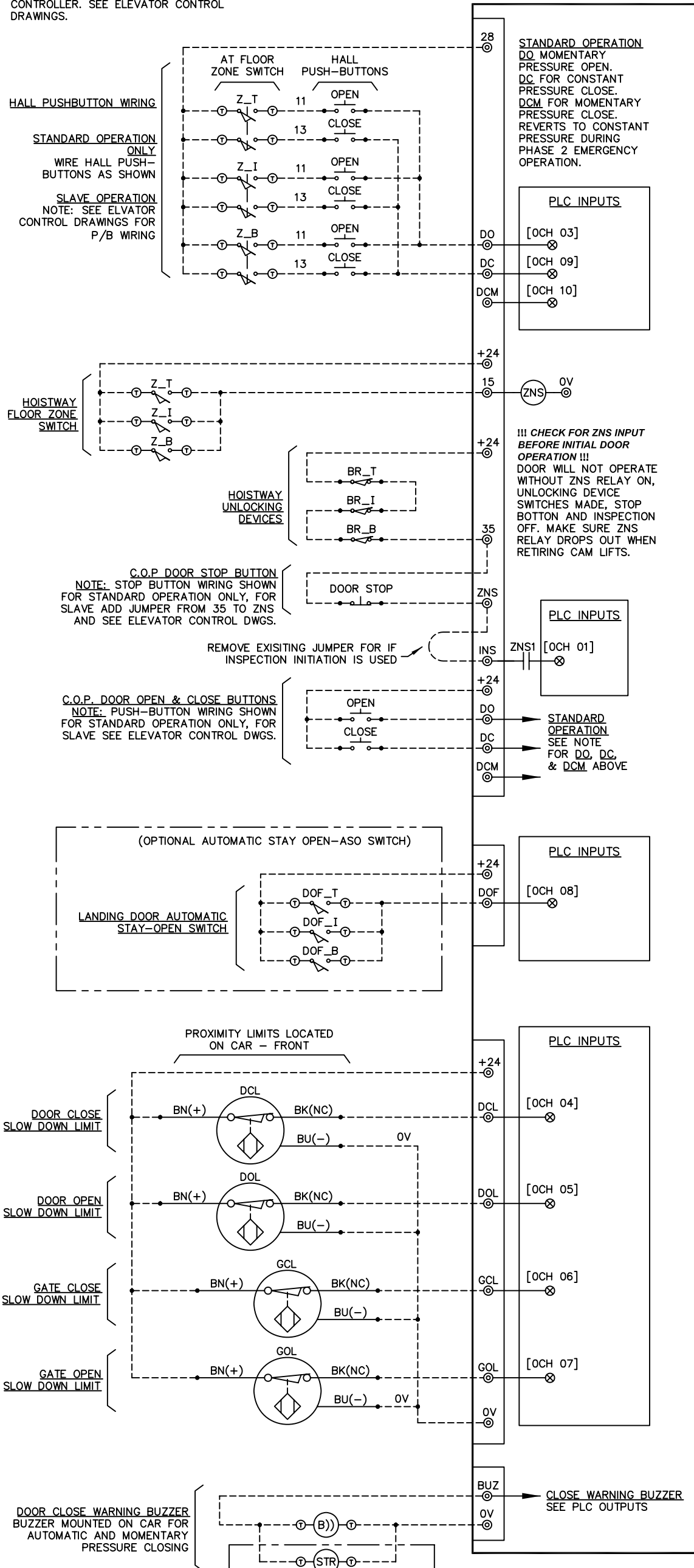
Freight Elevator Doors Since 1905

PEELLE The Peelle Company

We still service equipment we built 50 years ago

TITLE	REV	SCALE	SHT
DOOR CONTROLLER		N/A	1 OF 4
274203 SINGLE LINE			
STANDARD OR SLAVE, W/O F.S.			
DATE	MAY 03/05	DRAWING	
DRAWN BY	SM	SD	

SLAVE OPERATION: PUSH-BUTTONS ARE NOT WIRED TO THE PELLE CONTROLLER. SEE ELEVATOR CONTROL DRAWINGS.



HOISTWAY WIRING CONTROL INPUTS

+24-15 [ZNS RELAY]
 CHECK FOR INPUT BEFORE INITIAL DOOR OPERATION !!!
 AT LANDING ZONE INPUT
 HI = DOOR OPERATION, LO = DOORS STOP

+24-35-ZNS [OCH 02]
 CHECK FOR INPUT BEFORE INITIAL DOOR OPERATION !!!
 UNLOCKING DEVICE AND STOP BUTTON
 HI = DOOR OPERATION, LO = DOORS STOP

(NOTE: PUSH-BUTTON WIRING SHOWN FOR STANDARD OPERATION, FOR SLAVE SEE ELEVATOR CONTROL PRINTS)

28-DO [OCH 03]
 HALL DOOR OPEN BUTTON
 HI = DOOR OPEN

+24-DO [OCH 03]
 CAR DOOR OPEN BUTTON
 HI = DOOR OPEN

28-DC [OCH 09]
 HALL DOOR CLOSE BUTTON (CONSTANT PRESSURE)
 HI = DOOR CLOSE

+24-DC [OCH 09]
 CAR DOOR CLOSE BUTTON (CONSTANT PRESSURE)
 HI = DOOR CLOSE

28-DCM [OCH 10]
 HALL CLOSE BUTTON (MOMENTARY PRESSURE)
 HI = DOOR CLOSE

+24-DCM [OCH 10]
 CAR DOOR CLOSE BUTTON (MOMENTARY PRESSURE)
 (REVERTS TO CONSTANT PRESSURE IN PHASE 2)
 HI = DOOR CLOSE

+24-DCL [OCH 04]
 DOOR CLOSE SLOW DOWN
 HI = HI-SPEED, LO = SLOW DOWN

+24-DOL [OCH 05]
 DOOR OPEN SLOW DOWN
 HI = HI-SPEED, LO = SLOW DOWN

+24-GCL [OCH 06]
 GATE CLOSE SLOW DOWN
 HI = HI-SPEED, LO = SLOW DOWN

+24-GOL [OCH 07]
 GATE OPEN SLOW DOWN
 HI = HI-SPEED, LO = SLOW DOWN

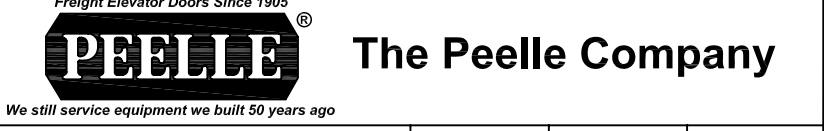
+24-DOF [OCH 08]
 AUTOMATIC STAY-OPEN (OPTIONAL)
 HI = FULL OPEN, LO = RE-OPEN IF DRIFT CLOSE

RD-(OV) [OCH 02]
 LIGHT CURTAIN INPUT
 HI = GATE CLOSES, LO = GATE REVERSES
 *LIGHT CURTAIN OUTPUT (NPN-SINK) IS LO WHEN BEAMS ARE BLOCKED

+24-RE [OCH 03]
 CONTACT REVERSING EDGE (OPTIONAL)
 HI = GATE REVERSES, LO = GATE CLOSES

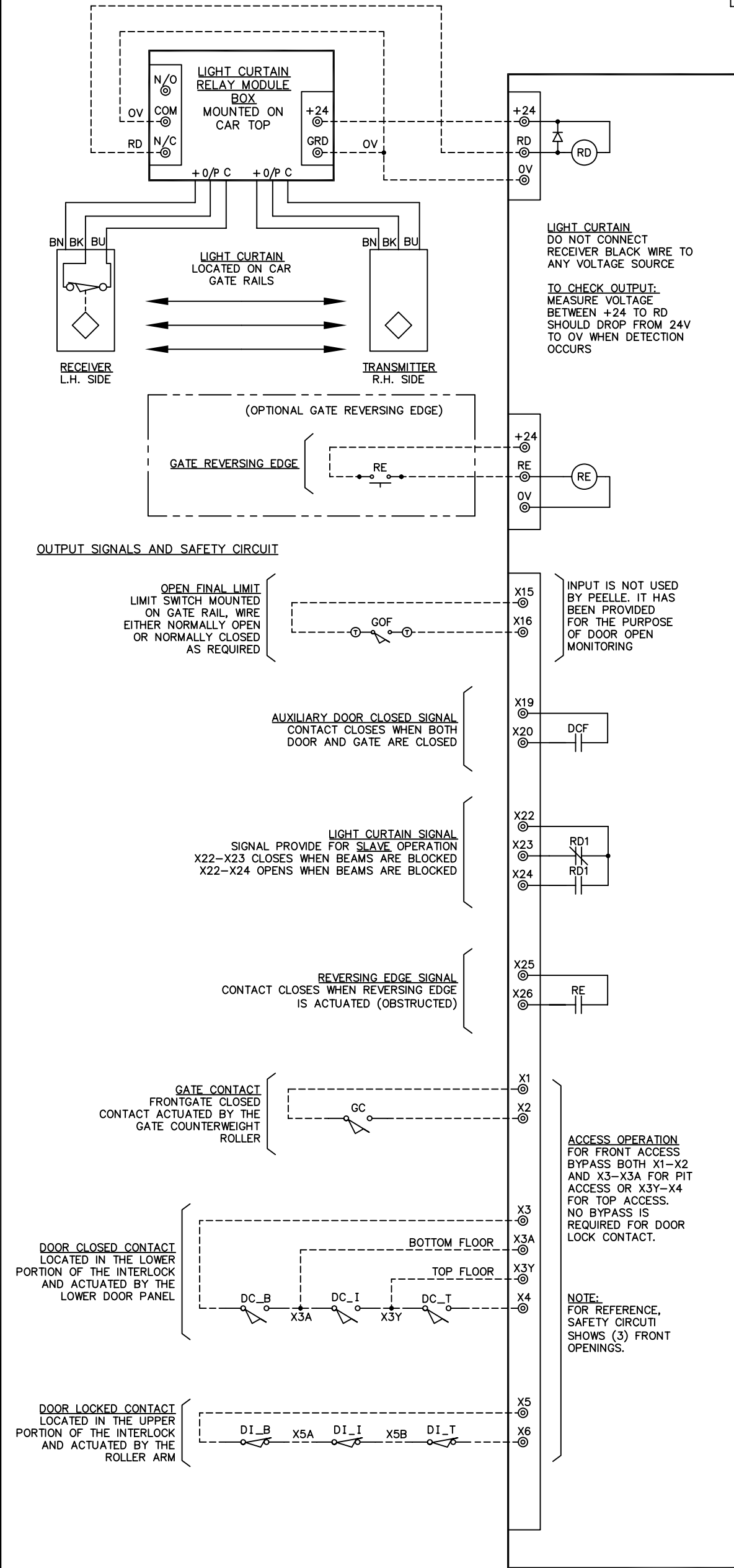
ROUTING	
QTY	DEPARTMENT
1	ELECTRICAL
1	SUPERVISOR
1	SHOP FF
1	CUST FF

PEELLE CONTROLLER MANUFACTURED FOR NEMA 1 RATED MACHINE ROOM.



TITLE	REV	SCALE	SHT
DOOR CONTROLLER		N/A	3 OF 4
274203 SINGLE LINE			
STANDARD OR SLAVE, W/O F.S.			
DATE	MAY 03/05	DRAWING	
DRAWN BY	SM	SD	

- NOTES:**
- EXTERNAL WIRE
 - _____ INTERNAL WIRE
 - 1. ALL LIMIT SWITCHES AND CONTACTS SHOWN WITH NO ACTION APPLIED
 - 2. ⊙ TERMINAL CONNECTION ON DOOR CONTROLLER
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 - 5. CAR AND HALL PUSH BUTTONS BY OTHERS



LIGHT CURTAIN DO NOT CONNECT RECEIVER BLACK WIRE TO ANY VOLTAGE SOURCE

TO CHECK OUTPUT: MEASURE VOLTAGE BETWEEN +24 TO RD SHOULD DROP FROM 24V TO 0V WHEN DETECTION OCCURS

AUXILIARY OUTPUT SIGNALS

- X15-X16:** GATE OPEN SIGNAL. CONTACT CAN BE WIRED IN FIELD TO CLOSE WHEN GATE IS OPEN OR OPEN WHEN GATE IS OPEN
- X19-X20:** DOOR CLOSED SIGNAL. CONTACT CLOSING WHEN DOOR AND GATE ARE CLOSED
- X22-X23:** LIGHT CURTAIN SIGNAL (USED IN SLAVE). CONTACT CLOSING WHEN BEAMS ARE BLOCKED
- X22-X24:** LIGHT CURTAIN SIGNAL (USED IN SLAVE). CONTACT OPENS WHEN BEAMS ARE BLOCKED
- X25-X26:** REVERSING EDGE SIGNAL (USED IN SLAVE). CONTACT CLOSING WHEN REVERSING EDGE IS ACTUATED (OBSTRUCTED)


INTERLOCK SAFETY CIRCUIT: WIRING SHOWN IS FOR REFERENCE ONLY. SEE ELEVATOR CONTROL DRAWINGS FOR SAFETY CIRCUIT WIRING. INTERLOCK CONTACTS SHOWN WITH NO ACTION APPLIED TO THE SWITCH ARMS.

ELEVATOR OPERATION: WHEN BOTH 'DC' AND 'GC' CONTACTS ARE MADE, RETIRING CAM INITIATION +24-RC WILL LOCK THE DOOR. THE ELEVATOR SHALL NOT MOVE UNTIL A SIGNAL FROM 'DI' IS RECEIVED.

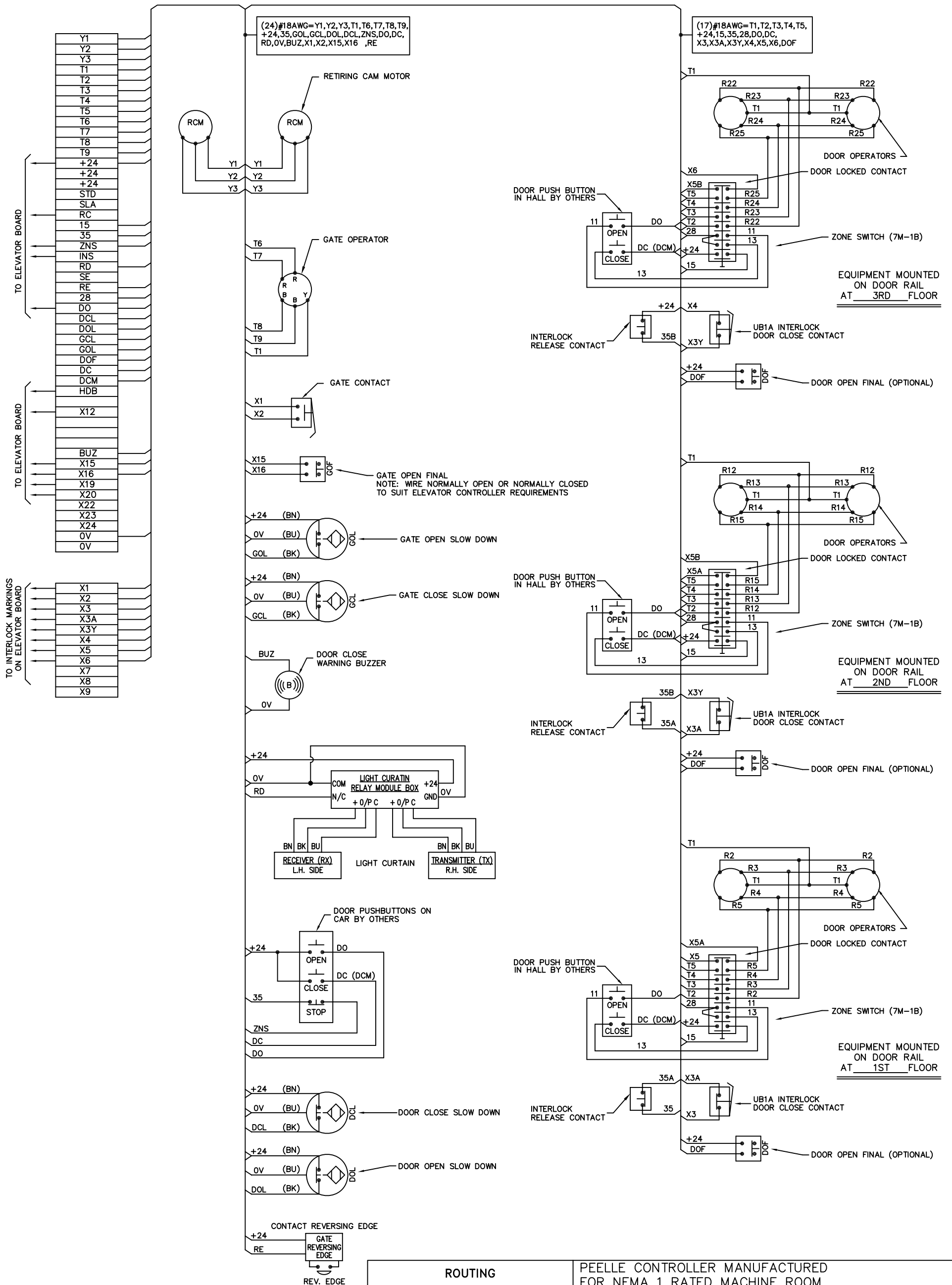
INTERLOCK CIRCUIT SIGNALS

- X1-X2:** GATE CLOSED SIGNAL. CONTACT CLOSING WHEN GATE IS CLOSED
- X3-X4:** DOOR CLOSED SIGNAL. CONTACT CLOSING WHEN DOORS ARE CLOSED
- X5-X6:** DOOR LOCKED SIGNAL. CONTACT CLOSING WHEN DOORS ARE LOCKED

- NOTES:**
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 - _____ INTERNAL WIRE _____
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ROUTING		PEELLE CONTROLLER MANUFACTURED FOR NEMA 1 RATED MACHINE ROOM.		
QTY	DEPARTMENT	<small>Freight Elevator Doors Since 1905</small>  The Peelle Company <small>We still service equipment we built 50 years ago</small>		
1	ELECTRICAL	TITLE DOOR CONTROLLER 274203 SINGLE LINE STANDARD OR SLAVE, W/O F.S.	REV	SCALE
1	SUPERVISOR			N/A
1	SHOP FF	DATE	MAY 03/05	SHT 4 OF 4
1	CUST FF	DRAWN BY	SM	
		DRAWING		SD

274203 CONTROLLER – SINGLE LINE



NOTE:
 STANDARD OPERATION
 WIRE ALL DEVICES AS SHOWN.
 SLAVE OPERATION
 SEE ELEVATOR PRINTS FOR
 PUSH-BUTTON WIRING. SEE
 ELEVATOR PRINTS FOR PANEL
 TO PANEL CONNECTIONS.

ROUTING	
QTY	DEPARTMENT
1	ELECTRICAL
1	SUPERVISOR
1	SHOP FF
1	CUST FF

PEELLE CONTROLLER MANUFACTURED FOR NEMA 1 RATED MACHINE ROOM.
Freight Elevator Doors Since 1905

PEELLE The Peelle Company
We still service equipment we built 50 years ago

TITLE	REV	SCALE	SHT
HOISTWAY WIRING 274203 SINGLE LINE		N/A	1 OF 1
DATE	DRAWING		
DRAWN BY	SD-		