



Multilift ELECTRICAL SCHEMATICS

(FOR UNITS WITH CONTROLLER BOARD P/N 771259)

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Revision History

September 4, 2012 – Initial release
October 24, 2012 – Revised controller schematics on pages 3, 4, 5; added all landing connection lock diagrams
January 22, 2013 – Added drawings on pages 2, 3, 17, 18, and 19
February 15, 2013 – Added AC version of Controller PCB schematics on pages 8, 9, and 10
April 1, 2013 – Revised sheets 2 and 3 on pages 6 and 7; added platform connection diagram (WR-500) on page 21
May 8, 2013 – Revised dwgs on pages 3 to 9
October 10, 2013 – Revised dwgs on pages 18,20 and 21
April 21, 2014 – Revised dwgs on pages 5-9; corrected dwgs on pages 19 and 21; added new drawings on pages 22 and 23
July 25, 2014 – Added new drawings on pages 22 and 23
March 18, 2015 – Revised drawings on pages 6 and 8, added a new drawing on page 13, and revised drawings on pages 14 to 19, and 21
July 29, 2015 – Revised drawing on page 18
March 1, 2016 – Revised drawings on pages 17, 19, and 20
June 25, 2019 – Revised drawings on pages 15 to 19, 21, 22 and 25
September 7, 2023 - Added Rocker Switch COP Connection Diagram on page 31
September 14, 2023 -Revised Page 4, pages 14-19, 21, 22, and 25
December 13, 2023 - Revised page 22, added revision number
August 09, 2024 - Added COP B Wall and Gatekeeper Platform Connections on pages 30-31
September 18. 2024 - Revised page 10, removed page 31

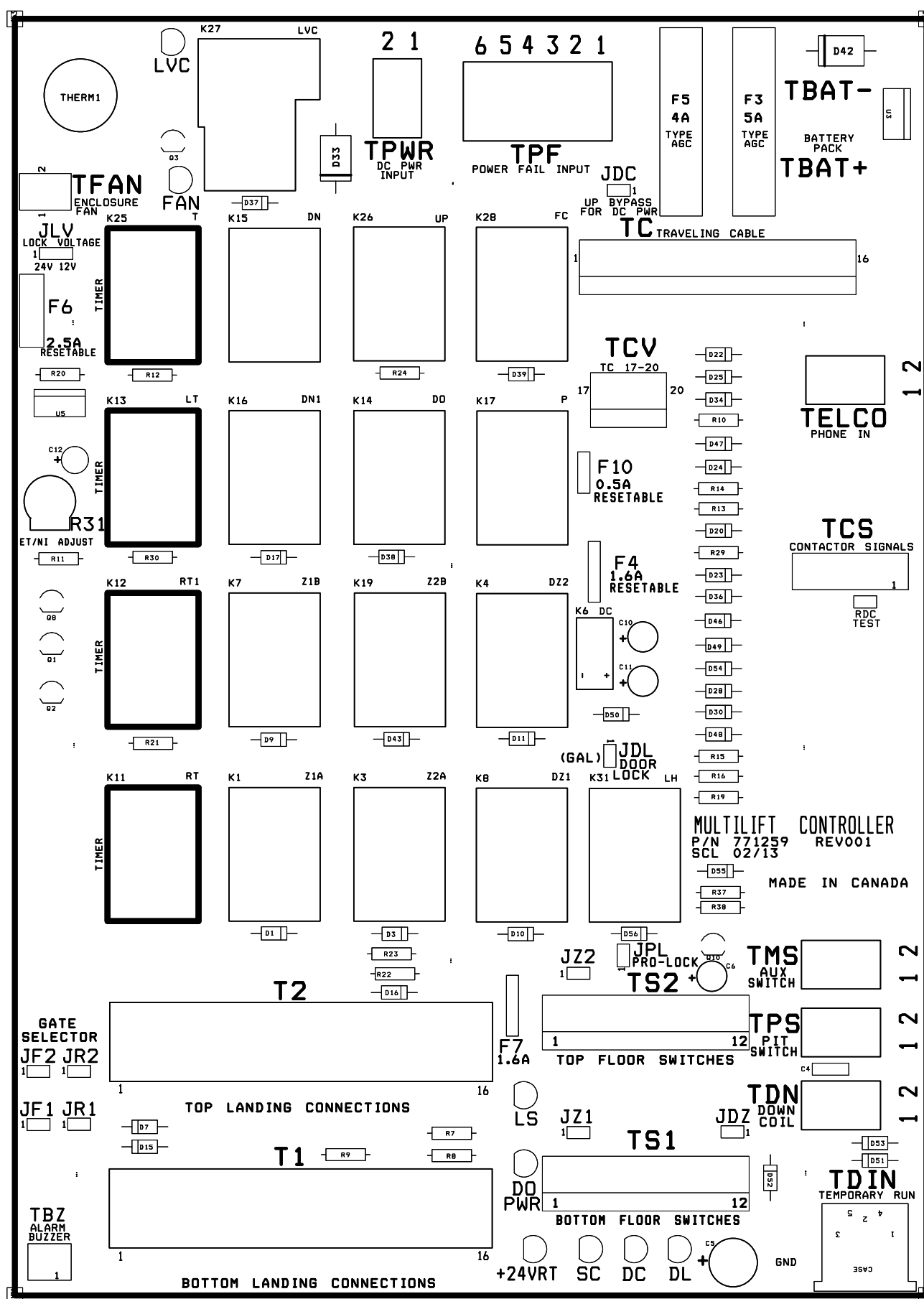
Multilift Electrical Schematics

Part No. 000903, Rev. 017

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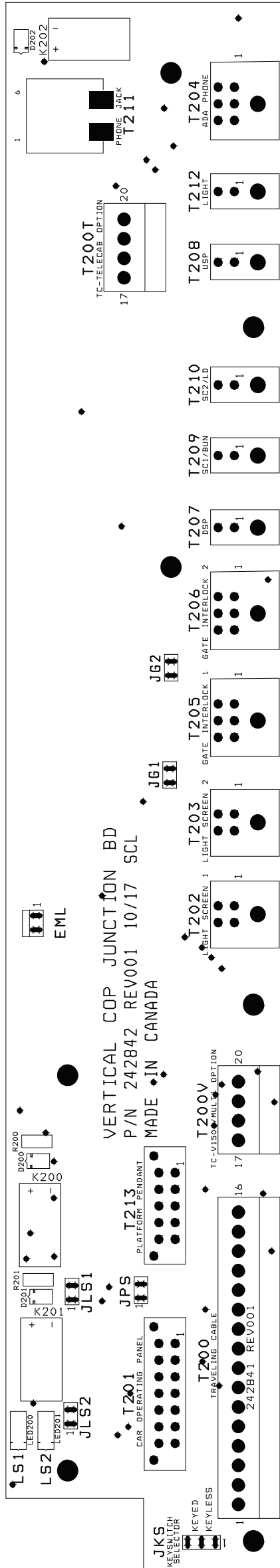
Part No. 771259, Rev. 001 Controller PCB Layout



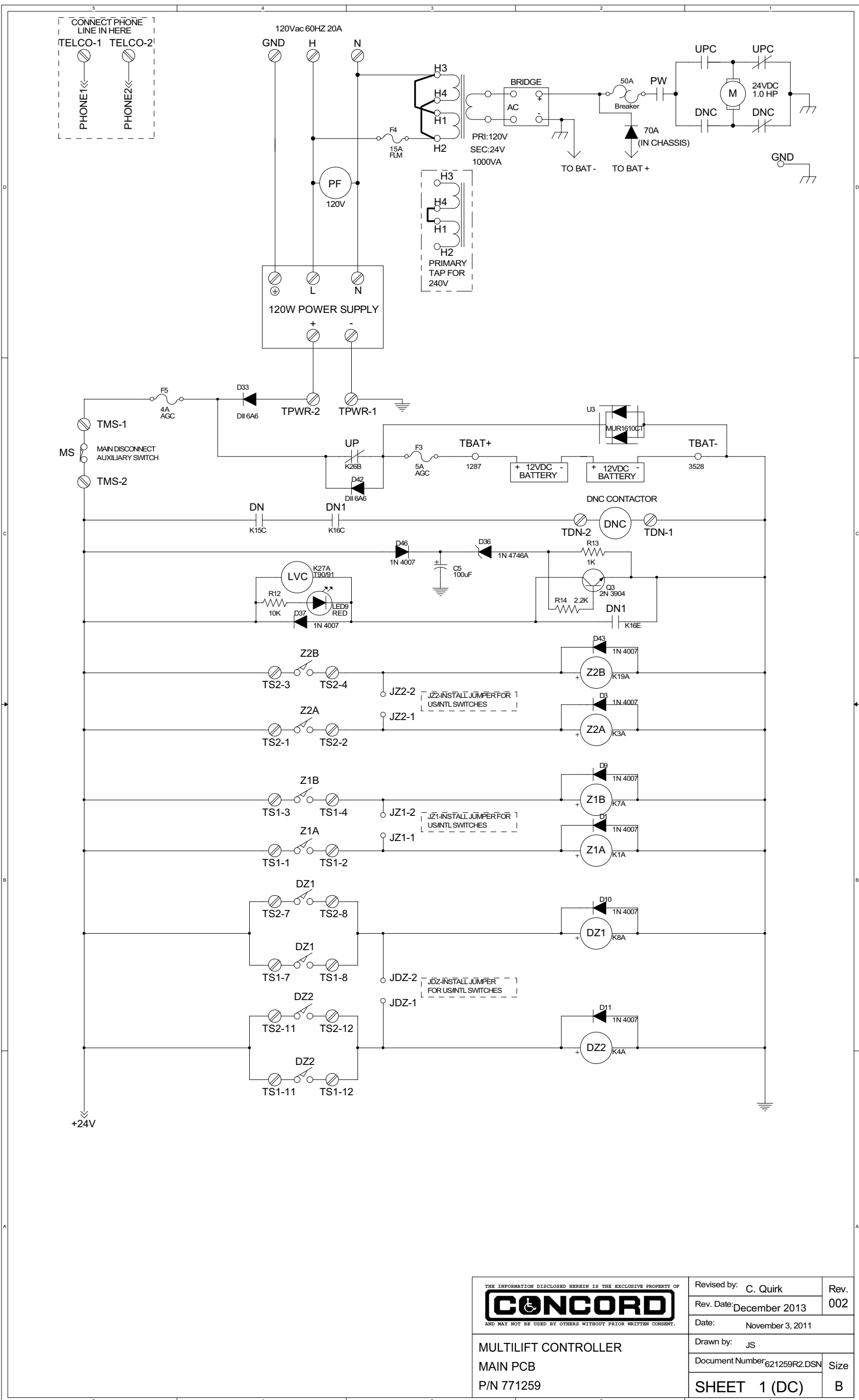
LED2 – SC- SAFETY CIRCUIT INDICATOR
 LED3 – DC- DOORS CLOSED INDICATOR
 LED4 – DL- DOORS CLOSED & LOCKED INDICATOR
 LED5 – +24VRT- +24V SUPPLY (AFTER REDUNDANCY TIMERS) INDICATOR
 LED6 – LS- LOCK SUPPLY INDICATOR
 LED7 – DO POWER- DOOR OPENER POWER SUPPLY INDICATOR
 LED8 – FAN- VENTILATION FAN OUTPUT INDICATOR
 LED9 – LVC- LOW VOLTAGE CUTOFF INDICATOR
 TBAT+ – BATTERY POSITIVE TERMINAL
 TBAT- – BATTERY NEGATIVE TERMINAL
 SEC 2A, SEC 2B – LIGHTING SUPPLY TRANSFORMER TERMINALS
 TC – TRAVELING CABLE CONNECTION TO PLATFORM
 TCS – CONTACTOR HARNESS CONNECTOR
 TCV – TRAVELING CABLES 17-20 CONNECTOR (FOR V-1504 USE ONLY)
 TCT – TRAVELING CABLES 17-20 CONNECTOR (FOR TELECAB USE ONLY)
 TMS – MAINS SWITCH AUXILIARY HARNESS CONNECTOR
 TPS – PIT SWITCH HARNESS CONNECTOR
 TNP – NEGATIVE PRESSURE SWITCH HARNESS CONNECTOR
 VLV – DOWN VALVE COIL HARNESS CONNECTOR
 TPF – POWER FAIL RELAY HARNESS CONNECTOR

UPV – UP BYPASS VALVE COIL HARNESS CONNECTOR
 TDIN – TEMPORARY RUN HARNESS CONNECTOR
 TFAN – VENTILATION FAN HARNESS CONNECTOR
 TELCO – TELEPHONE COMPANY CONNECTOR
 TPWR – +24V POWER SUPPLY CONNECTOR
 TBZ – BUZZER HARNESS CONNECTOR
 T1, T2, T3 – LANDING HARNESS CONNECTORS
 TS1, TS2, TS3, TZ2 – MAST SWITCHES CONNECTORS
 JINT – INTERNATIONAL/US SWITCH USAGE JUMPER
 JDC – POWER FAIL BYPASS FOR DC UNITS JUMPER
 JUP – UP CONTACT FOR DC UNITS JUMPER
 JPL – PROLOCKS INSTALLED JUMPER
 JAC (PINS 1 & 2) – ANTI-CREEP FOR V-1504 OPTION JUMPER
 JAC (PINS 2 & 3) – ANTI-CREEP FOR TELECAB OPTION JUMPER
 JLV (PINS 1 & 2) – LOCK VOLTAGE SELECTOR JUMPER 24V OPTION
 JLV (PINS 2 & 3) – LOCK VOLTAGE SELECTOR JUMPER 12V OPTION
 JF1, JF2, JF3, JR1, JR2, JR3 – GATE LOCK SELECTOR JUMPERS
 JZ1, JZ2, JZ3 – ZONE SWITCH RELAY COMBINATION JUMPERS
 JDZ – DOOR ZONE RELAY COMBINATION JUMPER
 JDL – GAL DOOR LOCK OPTION JUMPER

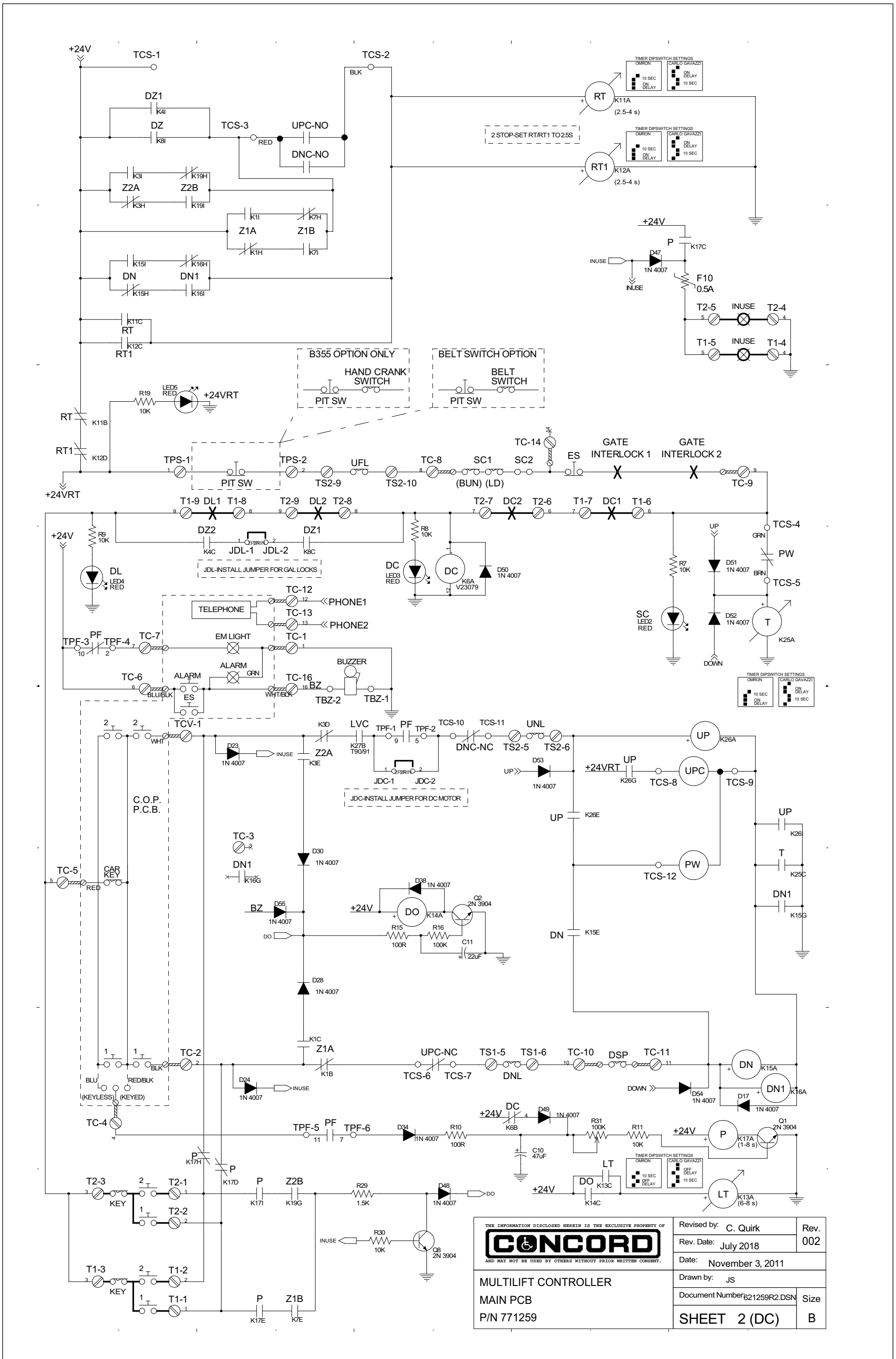
Part No. 242842 SILKSCREEN IMAGE



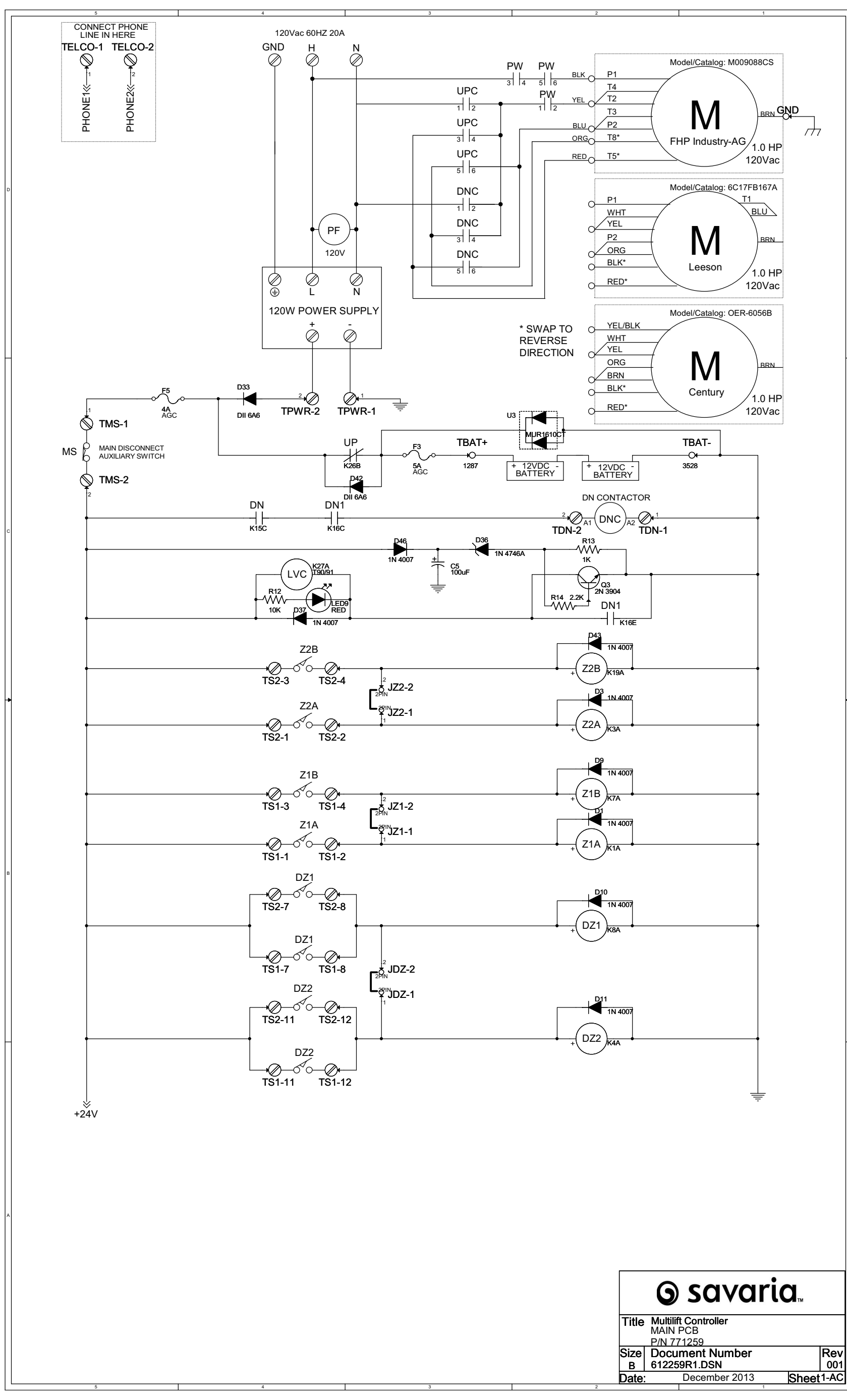
- LED200 – LIGHT SCREEN #1 STATUS INDICATOR
- LED201 – LIGHT SCREEN #2 STATUS INDICATOR
- LED206 – TRIP COUNTER INDICATOR
- T200 – TRAVELING CABLE CONNECTION TO CONTROLLER HARNESS CONNECTOR
- T200V – TRAVELING CABLES 17-20 V-1504 CONNECTOR
- T200T – TRAVELING CABLES 17-20 TELECAB CONNECTOR
- T201 – CAR OPERATING PANEL HARNESS CONNECTOR
- T202 – LIGHT SCREEN #1 HARNESS CONNECTOR
- T203 – LIGHT SCREEN #2 HARNESS CONNECTOR
- T204 – ADA PHONE HARNESS CONNECTOR
- T205 – GATE INTERLOCK #1 HARNESS CONNECTOR
- T206 – GATE INTERLOCK #2 HARNESS CONNECTOR
- T207 – DOWN SAFETY PAN HARNESS CONNECTOR
- T208 – UP SAFETY PAN HARNESS CONNECTOR (TELECAB USE ONLY)
- T209 – SLACK CHAIN #1 HARNESS CONNECTOR
- T210 – SLACK CHAIN #2 HARNESS CONNECTOR
- T211 – STANDARD PHONE JACK CONNECTOR
- T212 – CAB CEILING LIGHT CONNECTOR (TELECAB USE ONLY)
- T213 – PLATFORM PENDANT (JUMP OUT PINS 9 AND 10)
- EML – EMERGENCY LIGHT HARNESS CONNECTOR
- JLS1 – LIGHT SCREEN #1 NOT INSTALLED JUMPER
- JLS2 – LIGHT SCREEN #2 NOT INSTALLED JUMPER
- JKS (PINS 1 & 2) – COP WITHOUT KEY SELECTION JUMPER
- JKS (PINS 2 & 3) – COP WITH KEY SELECTION JUMPER
- JG1 – GATE INTERLOCK #1 NOT INSTALLED JUMPER
- JG2 – GATE INTERLOCK #2 NOT INSTALLED JUMPER
- JPS – PLATFORM PENDANT STOP SWITCH JUMPER



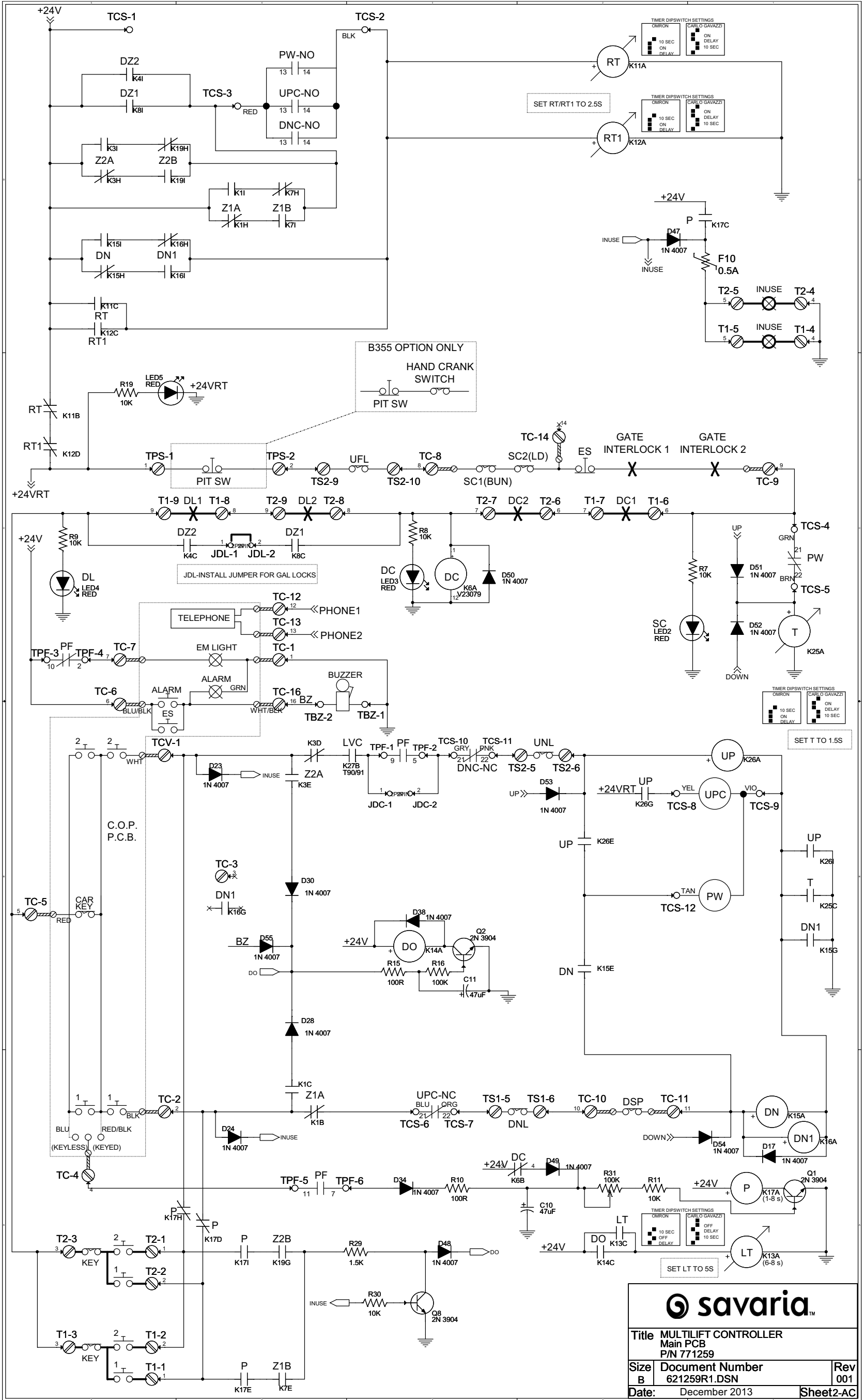
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	Drawn by: JS Document Number: 621259R2.DSN	Size
	SHEET 1 (DC)	
	B	

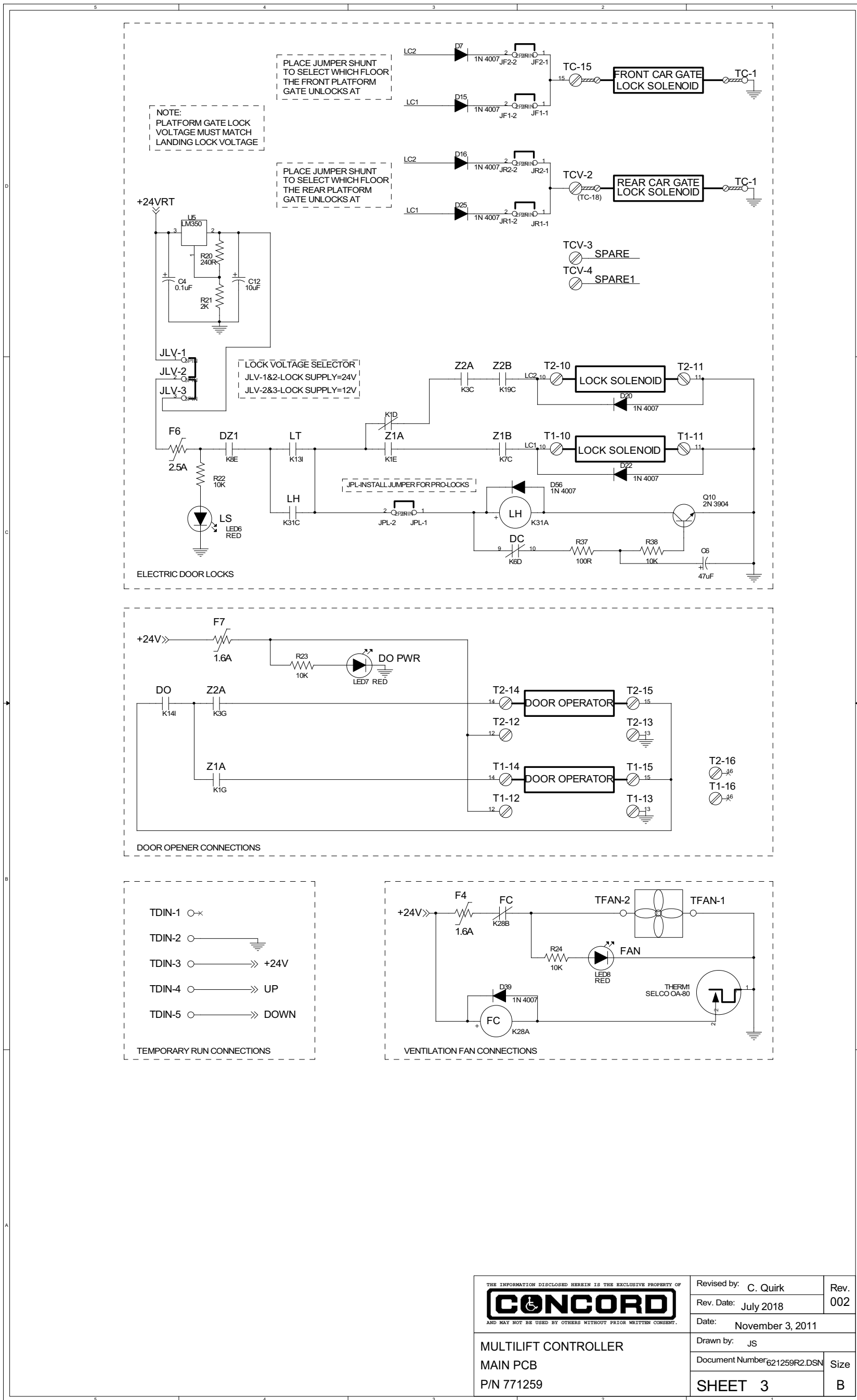


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Revised by:	C. Quirk	Rev. 002
Rev. Date:	July 2018	
Date:	November 3, 2011	
Drawn by:	JS	
Document Number:	621259R2.DSN	Size
<p>SHEET 2 (DC)</p>		B



Title Multilift Controller MAIN PCB P/N 771259		
Size B	Document Number 612259R1.DSN	Rev 001
Date: December 2013	Sheet1-AC	





NOTE:
PLATFORM GATE LOCK VOLTAGE MUST MATCH LANDING LOCK VOLTAGE

PLACE JUMPER SHUNT TO SELECT WHICH FLOOR THE FRONT PLATFORM GATE UNLOCKS AT

PLACE JUMPER SHUNT TO SELECT WHICH FLOOR THE REAR PLATFORM GATE UNLOCKS AT

LOCK VOLTAGE SELECTOR
JLV-1&2-LOCK SUPPLY=24V
JLV-2&3-LOCK SUPPLY=12V

JPL-INSTALL JUMPER FOR PRO-LOCKS

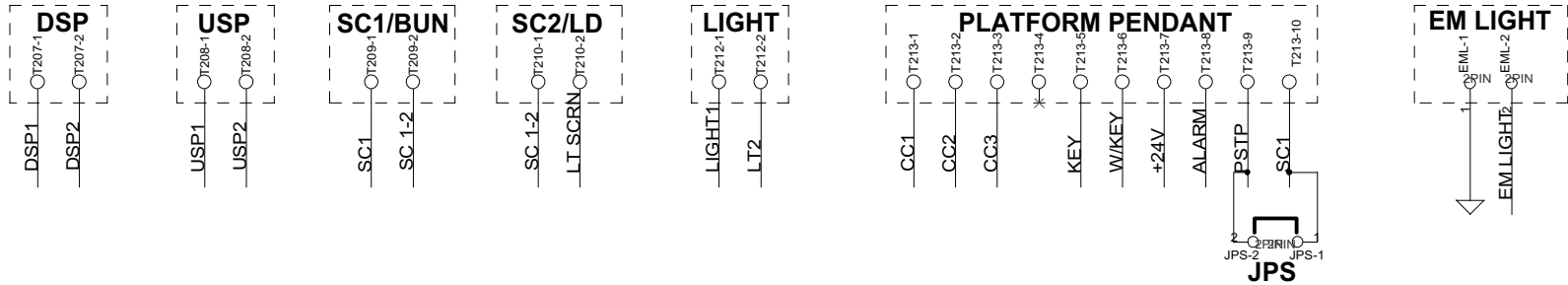
ELECTRIC DOOR LOCKS

DOOR OPENER CONNECTIONS

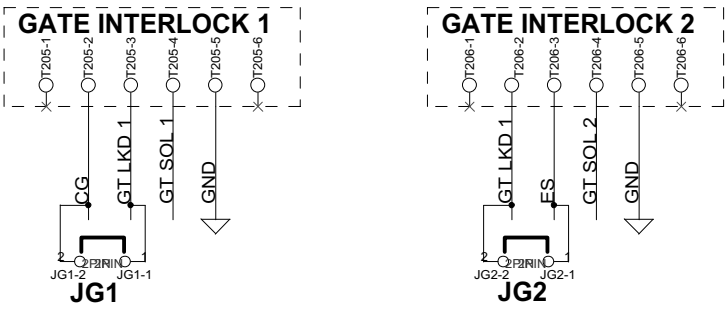
TEMPORARY RUN CONNECTIONS

VENTILATION FAN CONNECTIONS

<p>THE INFORMATION DISCLOSED HEREIN IS THE EXCLUSIVE PROPERTY OF</p> <p>AND MAY NOT BE USED BY OTHERS WITHOUT PRIOR WRITTEN CONSENT.</p> <p>MULTILIFT CONTROLLER MAIN PCB P/N 771259</p>	Revised by: C. Quirk	Rev. 002
	Rev. Date: July 2018	
	Date: November 3, 2011	
	Drawn by: JS	
	Document Number: 621259R2.DSN	Size
	SHEET 3	B

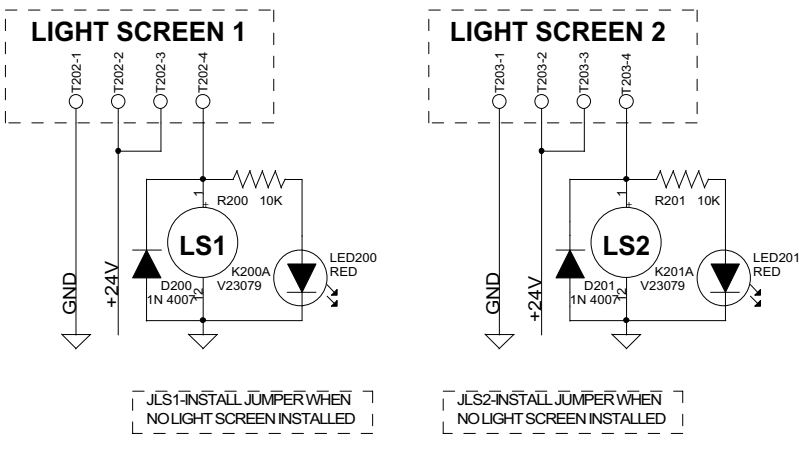
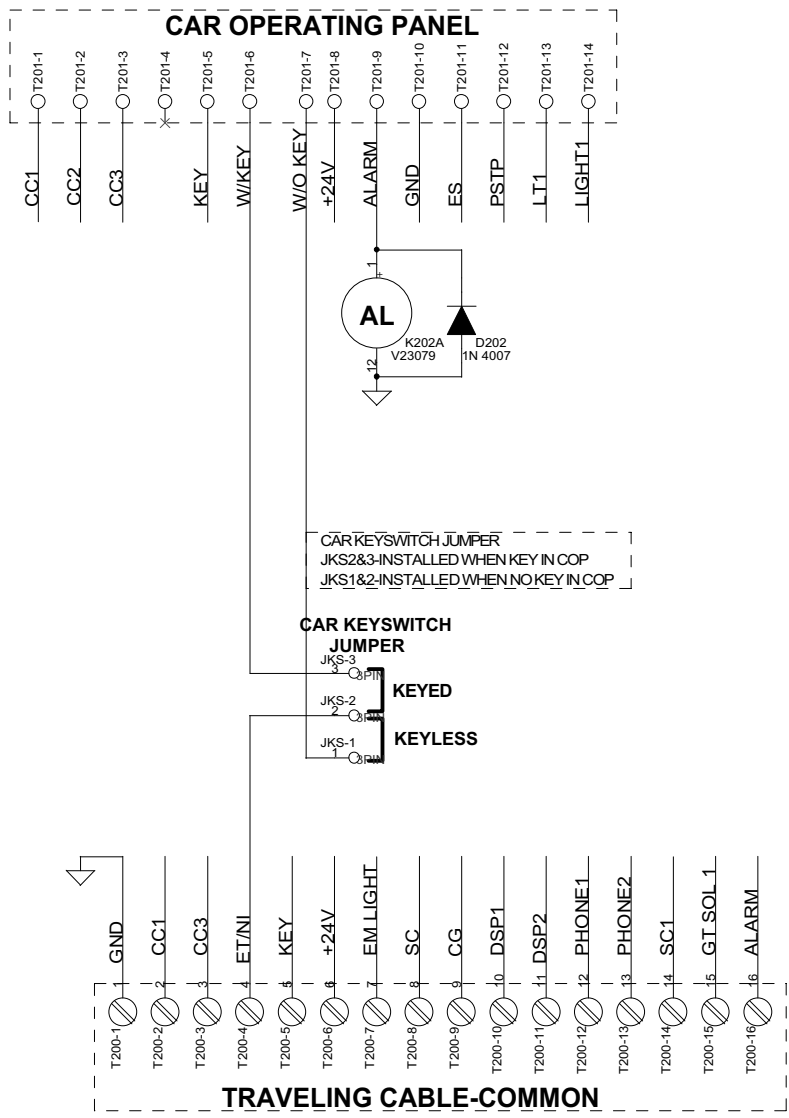
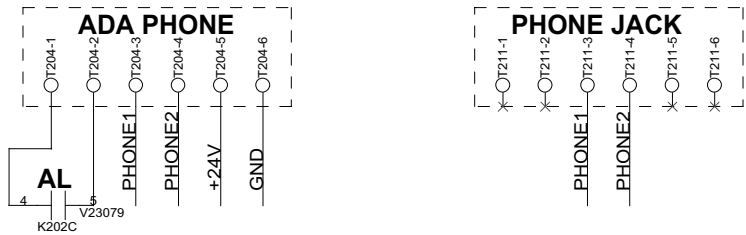


JPS-INSTALL JUMPER WHEN NO PENDANT STOP SWTCH INSTALLED



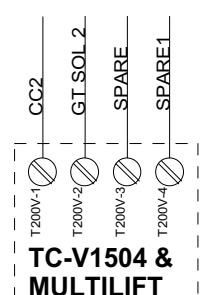
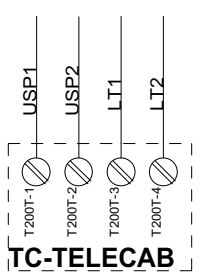
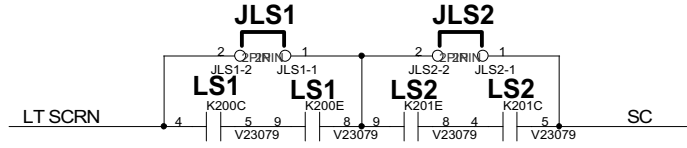
JG1-INSTALL JUMPER WHEN NO PLATFROM GATE INTERLOCK INSTALLED

JG2-INSTALL JUMPER WHEN NO PLATFROM GATE INTERLOCK INSTALLED



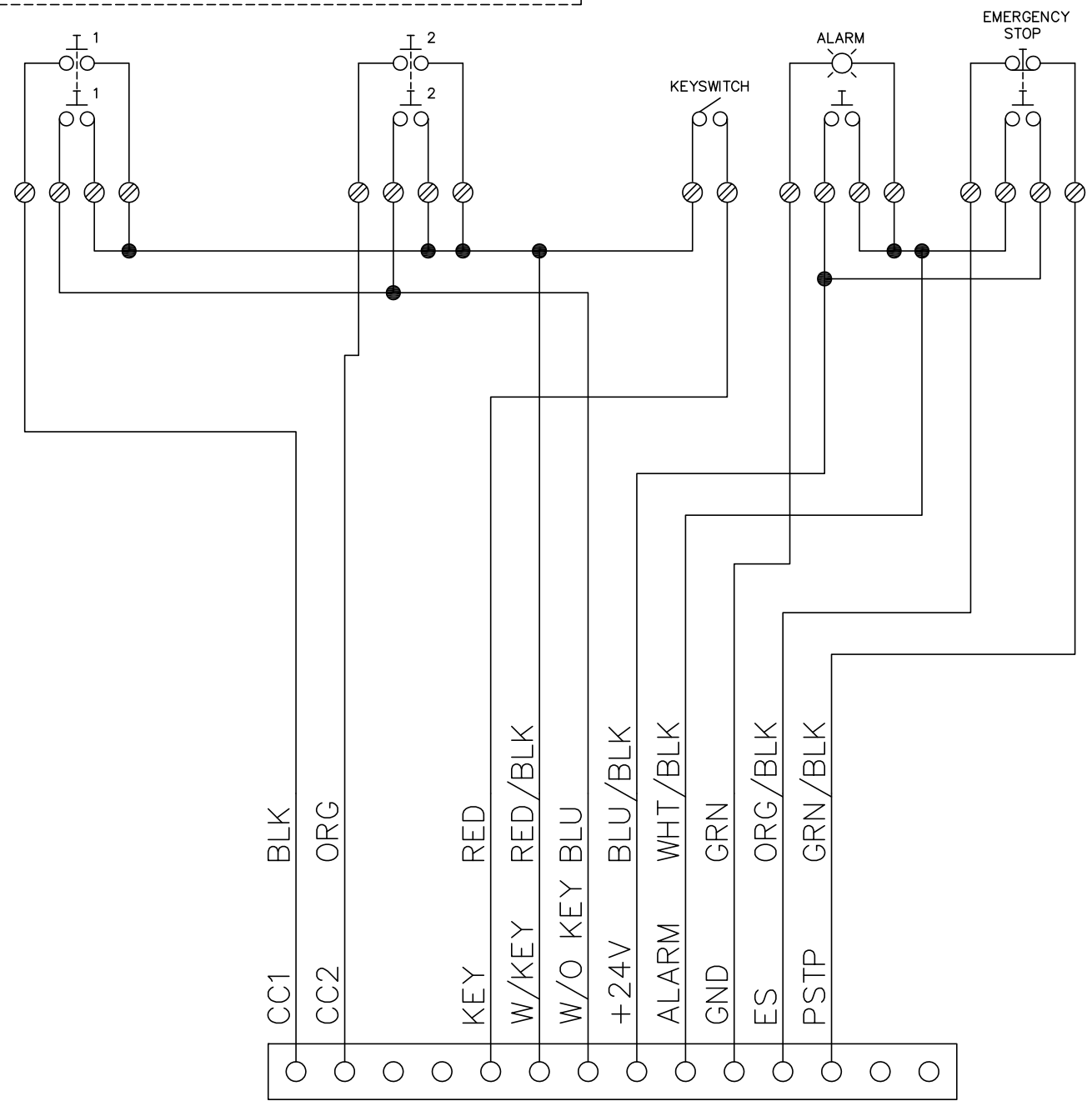
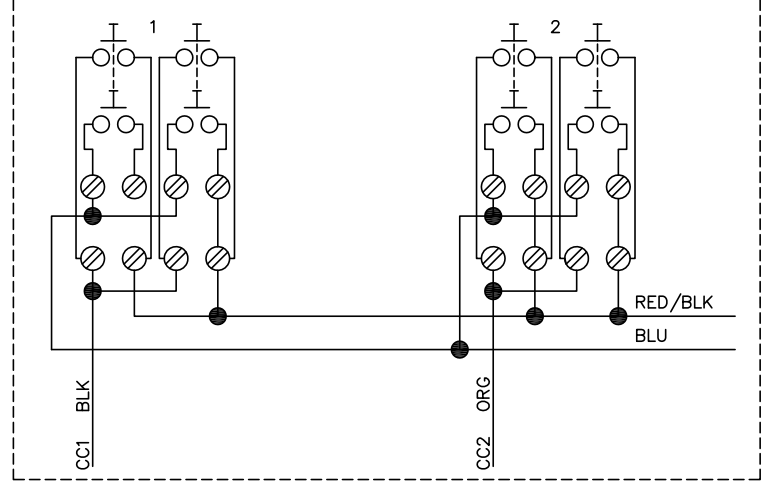
JLS1-INSTALL JUMPER WHEN NO LIGHT SCREEN INSTALLED

JLS2-INSTALL JUMPER WHEN NO LIGHT SCREEN INSTALLED



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	Rev. Date: OCTOBER 11TH, 2017	
	Date: November 21, 2016	
VERTICAL CONTROLLERS COP JUNCTION PCB PN 242842	Drawn by: C. Quirk	
	Document Number: 242842R1.dsn	Size
	SHEET 4	B

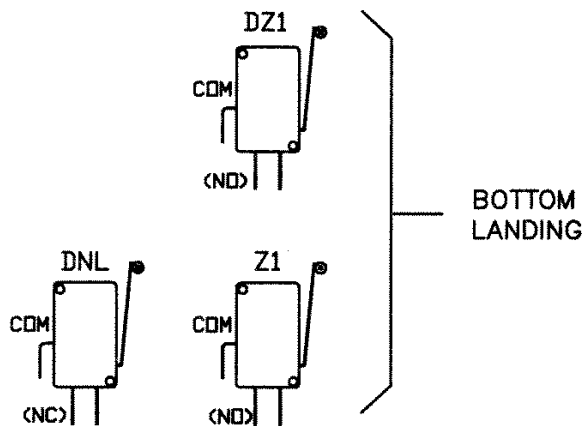
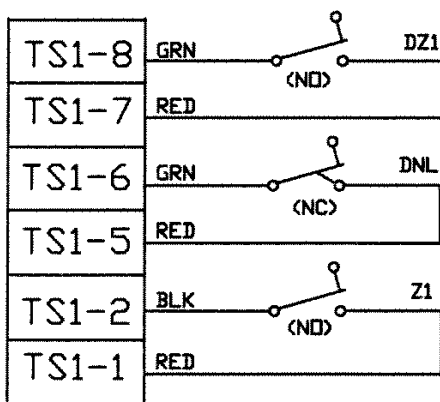
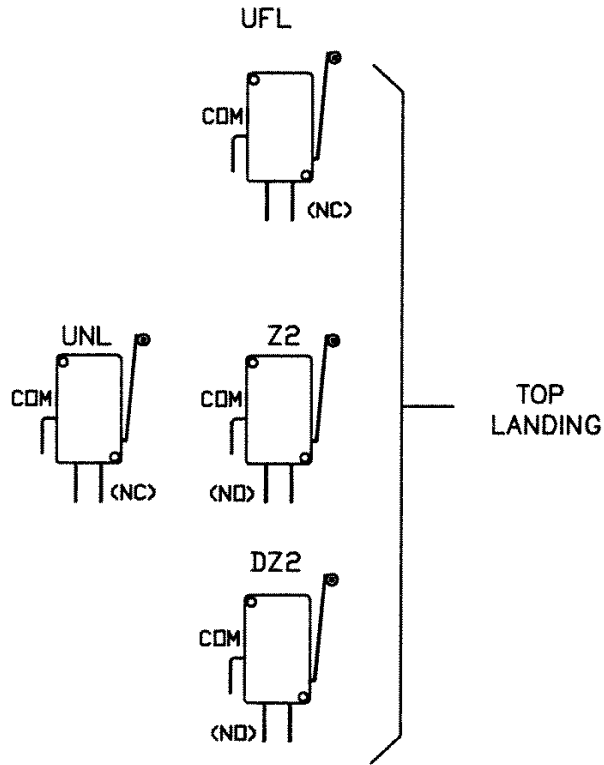
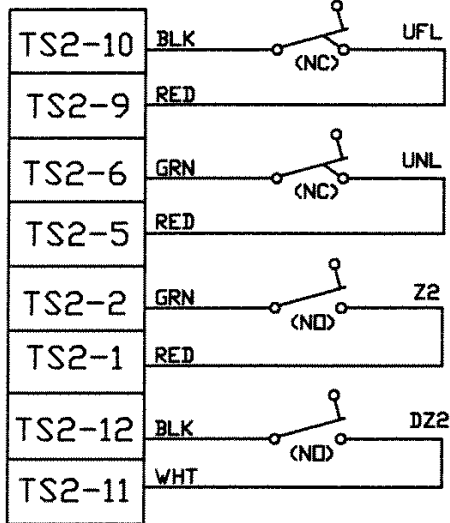
*OPTIONAL—JOYSTICK LEVER BUTTONS



THE INFORMATION DISCLOSED HEREIN IS THE EXCLUSIVE PROPERTY OF AND MAY NOT BE USED BY OTHERS WITHOUT PRIOR WRITTEN CONSENT TITLE: MULTILIFT CONTROLLER COP HARNESS CONNECTION DIAGRAM	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. ALL DIMENSIONS IN [] ARE METRIC TOLERANCES ON: .X=±0.1 [.X=±3] .XX=±0.03 [.XX=±0.8] .XXX=±0.01 [.XXX=±0.25] ANGLES X =±2; X =±0.5	DO NOT SCALE DRAWING		REMOVE ALL BURRS & SHARP CORNERS		
	MATERIAL: N/A	DESIGNED BY: C. QUIRK	DESIGN DATE: MAR. 27/12	SCALE: N/A	REVISION: 001	
	FINISH: N/A	SHEET 1 OF 1		DRAWING NO: M-COP HARNESS		SIZE B

FLOOR SWITCH POSITIONS

CONTROLLER CONNECTIONS

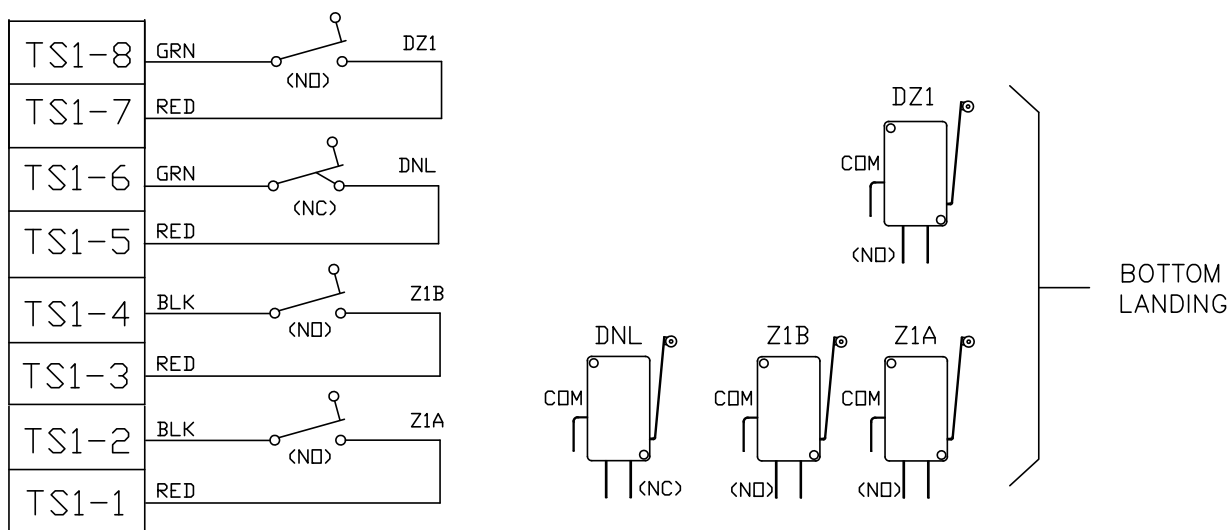
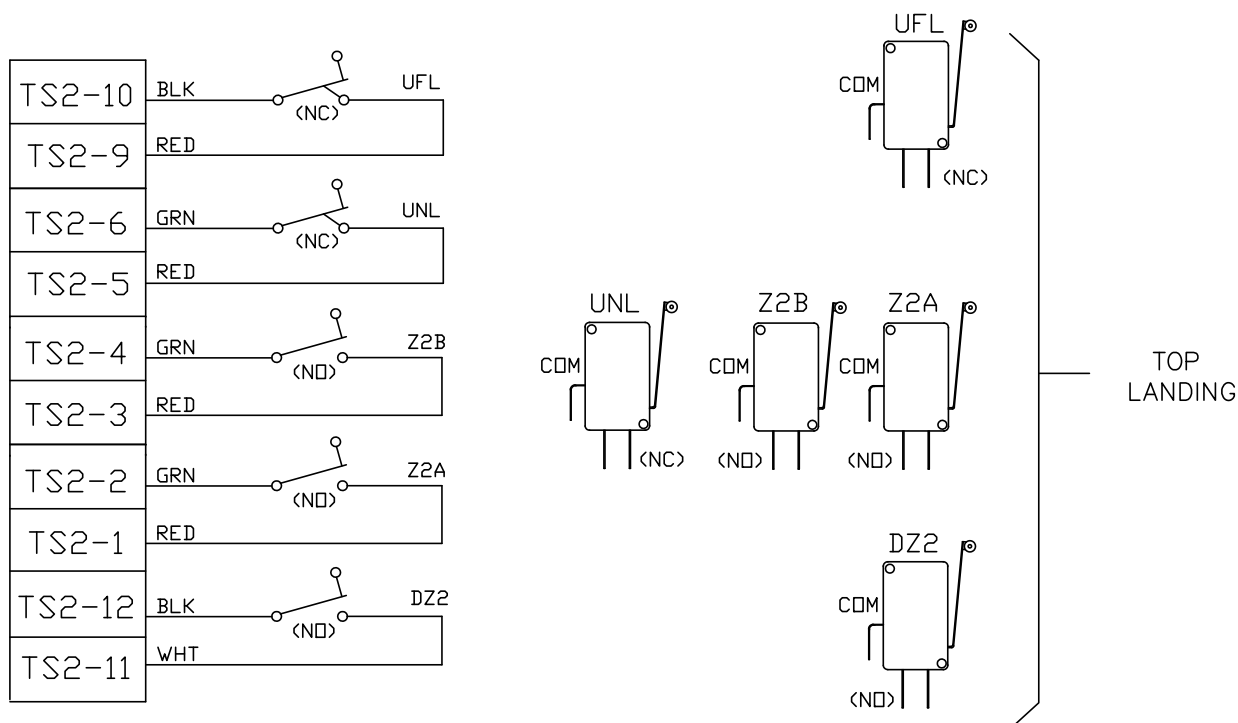


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	N/A	C. QUIRK	JULY 1/10	N/A	000
	FINISH:	DRAWN BY:	DRAWN DATE:	DRAFTSPERSON:	SIZE
N/A		JULY 1/10	N/A	B	
		SHEET 1 OF 1	DRAWING NO:		
			M-FLOOR SW-US/INTL		

FLOOR SWITCH POSITIONS

(B355 CONFIGURATION)

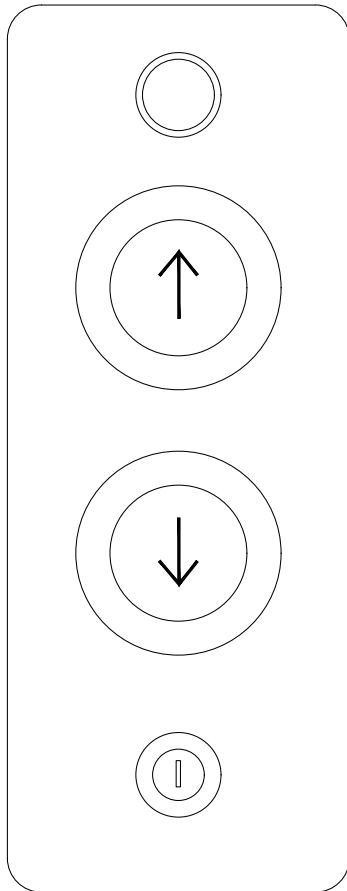
CONTROLLER CONNECTIONS



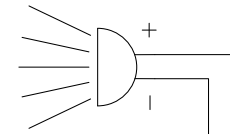
THE INFORMATION DISCLOSED HEREIN IS THE EXCLUSIVE PROPERTY OF AND MAY NOT BE USED BY OTHERS WITHOUT PRIOR WRITTEN CONSENT	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. ALL DIMENSIONS IN [] ARE METRIC TOLERANCES - ON: .X=±0.1 [.X=±3] .XX=±0.03 [.XX=±0.8] .XXX=±0.01 [.XXX=±0.25] ANGLES X =±2X =±0.5	DO NOT SCALE DRAWING	REMOVE ALL BURRS & SHARP CORNERS		
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LANDING CONNECTIONS (CALL SEND BUTTONS)

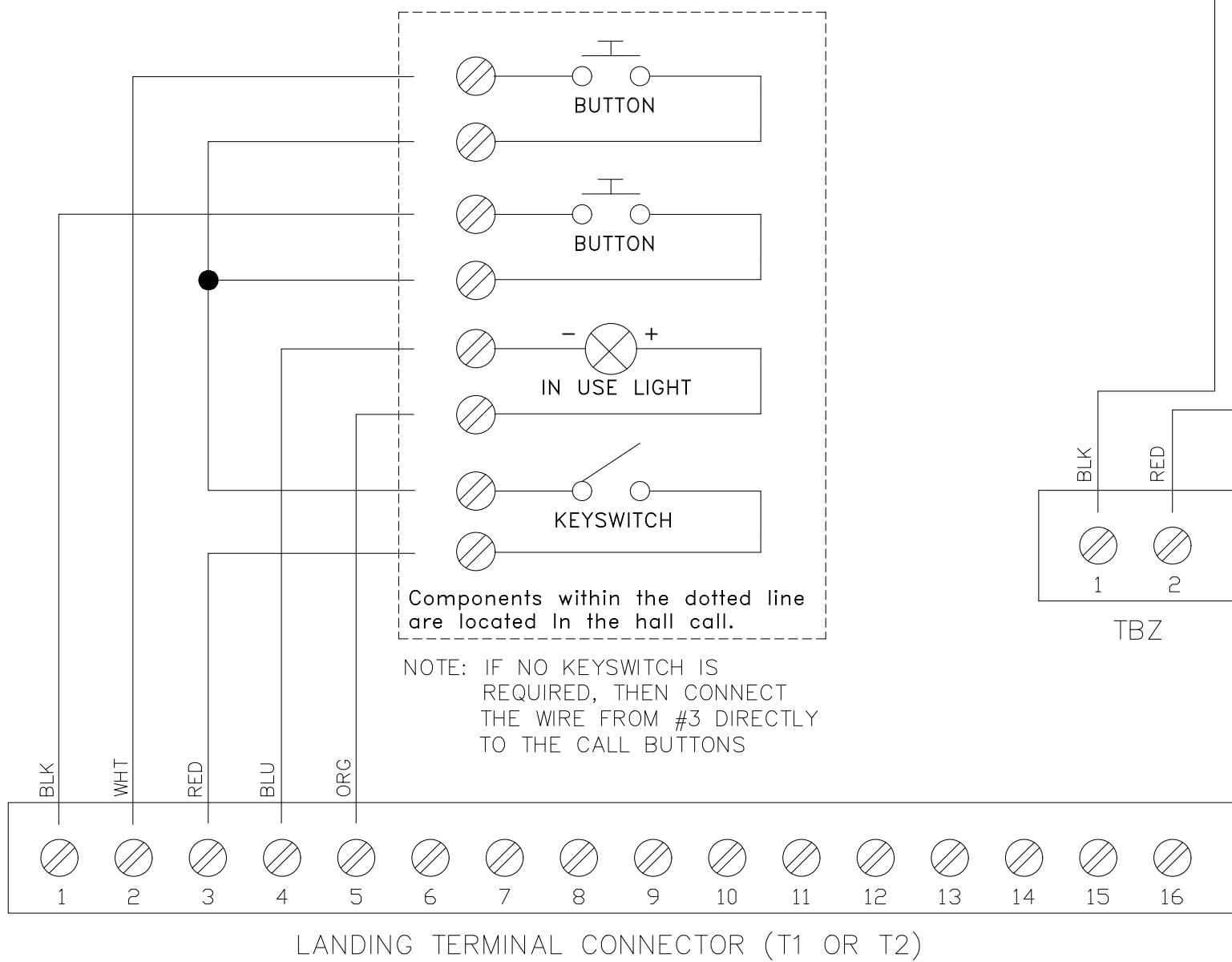
HALL CALL



BUZZER
IN HALL CALLS

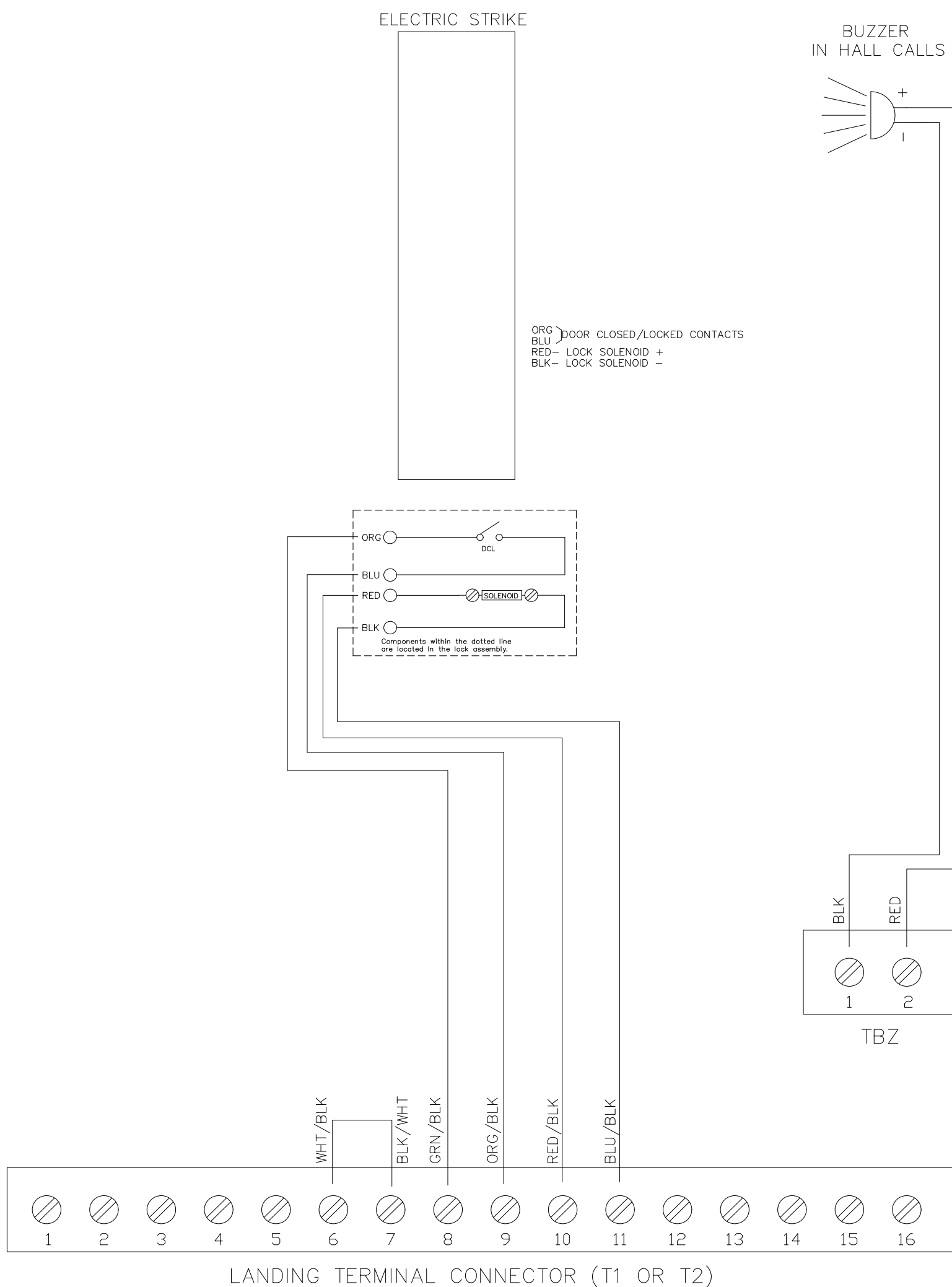


NOTE: WIRING SHOWN IS FOR THE
BOTTOM LANDING. FOR THE
TOP LANDING SWAP WIRES
IN #1 AND #2.



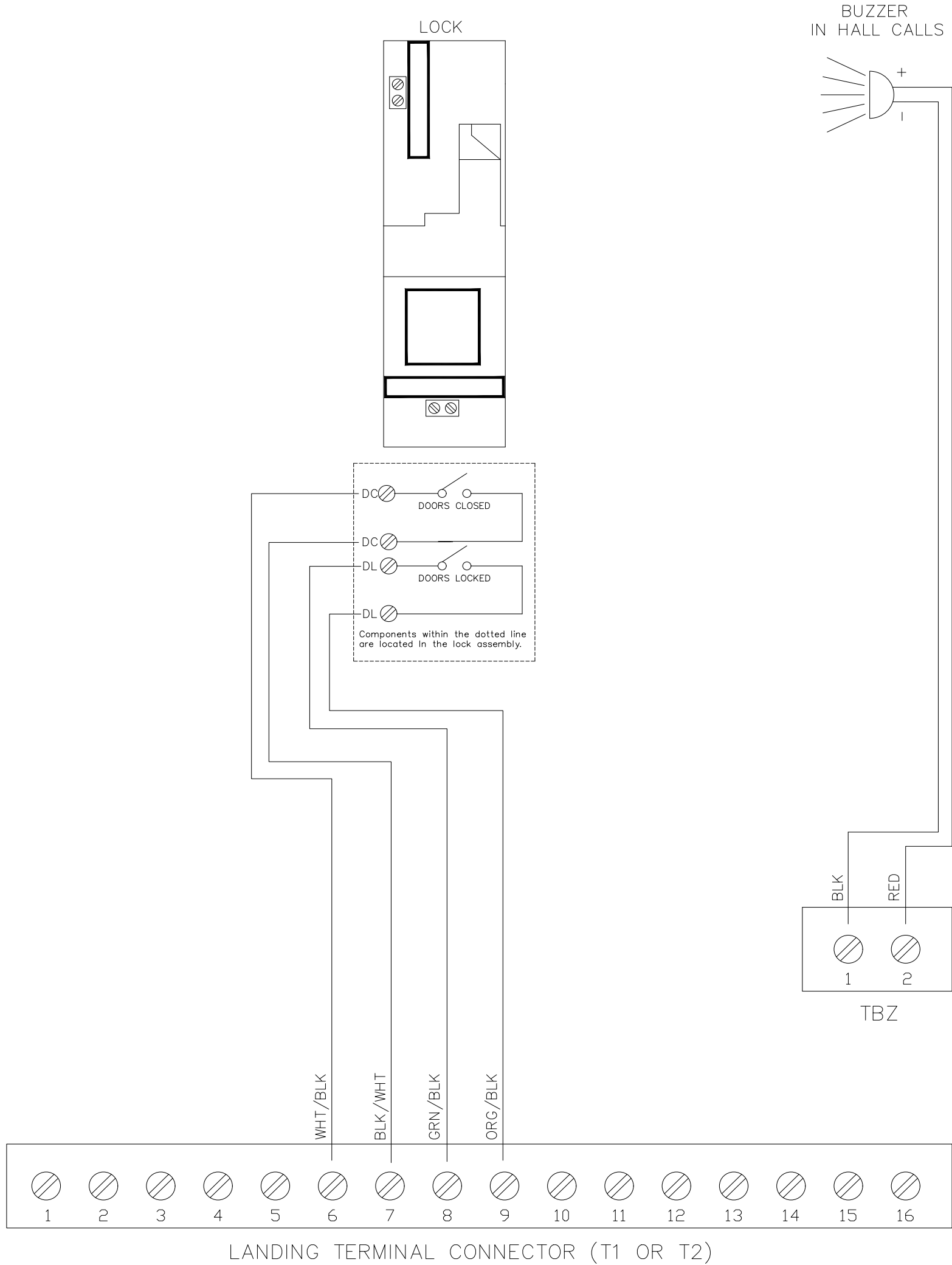
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	X=±0.1 [X=±3] .XX=±0.03 [.XX=±0.8] .XXX=±0.01 [.XXX=±0.25] ANGLES X =±2X =±0.5		DESIGNED BY:	DESIGN DATE:	SCALE:	REVISION:
	MATERIAL: N/A		DRAWN BY:	DRAWN DATE:	DRAFTSPERSON:	001
	FINISH: N/A		C. QUIRK	SEPT. 12/23	N/A	SIZE B
TITLE: MULTILIFT CONTROLLER CALL/SEND LANDING CONNECTION DIAGRAM		SHEET 1 OF 1		DRAWING NO: M-LANDING-CALL SEND		

LANDING CONNECTIONS (ELECTRIC STRIKES)



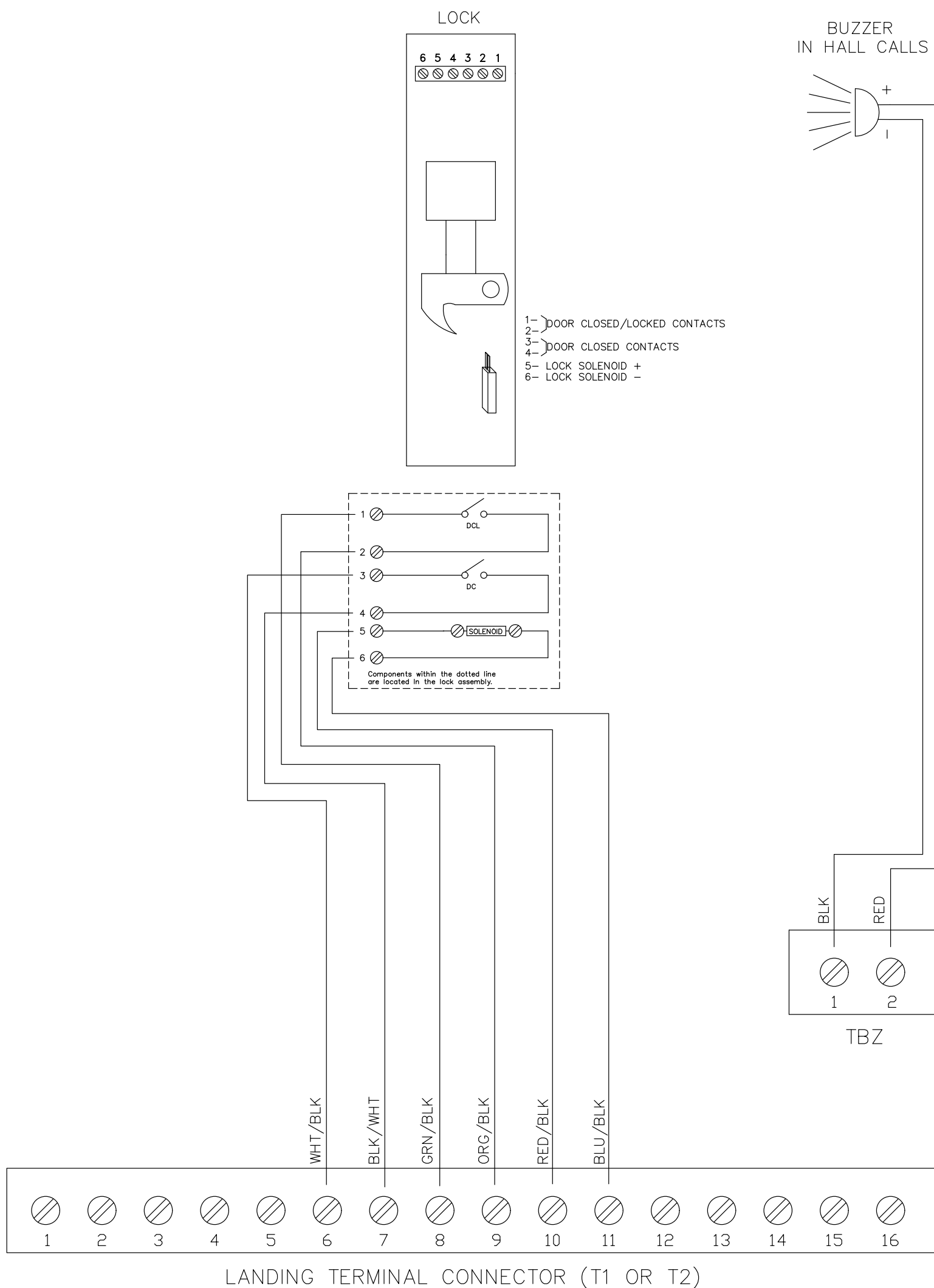
THE INFORMATION DISCLOSED HEREIN IS THE EXCLUSIVE PROPERTY OF AND MAY NOT BE USED BY OTHERS WITHOUT PRIOR WRITTEN CONSENT	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. ALL DIMENSIONS IN [] ARE METRIC. TOLERANCES ON: X=±0.1 [.X=±3] .XX=±0.03 [.XX=±0.8] .XXX=±0.01 [.XXX=±0.25] ANGLES X =±2.X =±0.5	DO NOT SCALE DRAWING		REMOVE ALL BURRS & SHARP CORNERS	
		DESIGNED BY:	DESIGN DATE:	SCALE:	REVISION:
TITLE: MULTILIFT CONTROLLER LANDING CONNECTION (ES) DIAGRAM	MATERIAL:	DRAWN BY:	DRAWN DATE:	DRAFTSPERSON:	003 SIZE B
	FINISH:	JS	SEPT. 12/23	N/A	
		SHEET 1 OF 1		DRAWING NO: M-LANDING-ES	

LANDING CONNECTIONS (G.A.L. LOCKS)



<p style="font-size: 8px;">THE INFORMATION DISCLOSED HEREIN IS THE EXCLUSIVE PROPERTY OF</p> <p style="font-size: 24px; font-weight: bold; color: green; text-align: center;">savaria™</p> <p style="font-size: 8px;">AND MAY NOT BE USED BY OTHERS WITHOUT PRIOR WRITTEN CONSENT</p> <p style="font-size: 10px;">TITLE: MULTILIFT CONTROLLER LANDING CONNECTION (GAL) DIAGRAM</p>	<p>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. ALL DIMENSIONS IN [] ARE METRIC</p> <p>TOLERANCES ON:</p> <table style="font-size: 8px; border: none;"> <tr> <td>X=±0.1</td> <td>[X=±3]</td> </tr> <tr> <td>.XX=±0.03</td> <td>[.XX=±0.8]</td> </tr> <tr> <td>.XXX=±0.01</td> <td>[.XXX=±0.25]</td> </tr> </table> <p>ANGLES X =±2X =±0.5</p> <p>MATERIAL: N/A</p> <p>FINISH: N/A</p>	X=±0.1	[X=±3]	.XX=±0.03	[.XX=±0.8]	.XXX=±0.01	[.XXX=±0.25]	<p>DO NOT SCALE DRAWING</p> <p>DESIGNED BY: JS</p> <p>DRAWN BY: JS</p> <p>SHEET 1 OF 1</p>	<p>REMOVE ALL BURRS & SHARP CORNERS</p> <p>DESIGN DATE: SEPT. 12/23</p> <p>DRAWN DATE: SEPT. 12/23</p> <p>DRAWING NO: M-LANDING-GAL</p>	<p>REVISION: 003</p> <p>DRAFTSPERSON: N/A</p> <p>SIZE B</p>
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	.XX=±0.03	[.XX=±0.8]								
	.XXX=±0.01	[.XXX=±0.25]								

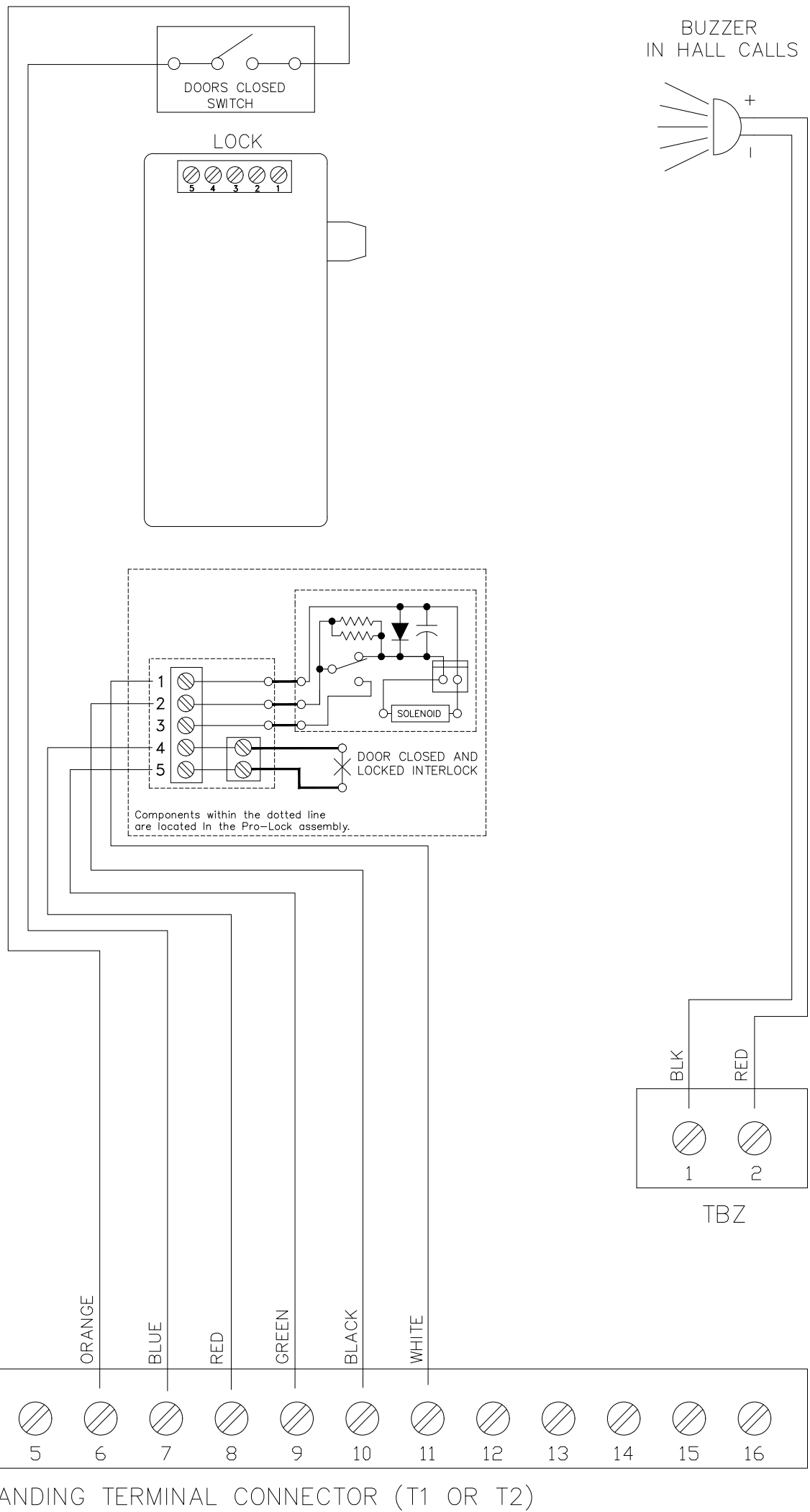
LANDING CONNECTIONS (PORTA LOCKS)



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		DESIGNED BY:	DESIGN DATE:	SCALE:	REVISION:
TITLE: MULTILIFT CONTROLLER LANDING CONNECTION (PORTA) DIAGRAM	MATERIAL: N/A	DRAWN BY: JS	DRAWN DATE: SEPT. 12/23	DRAFTSPERSON: N/A	003
FINISH: N/A	SHEET 1 OF 1	DRAWING NO: M-LANDING-PORTA		B	

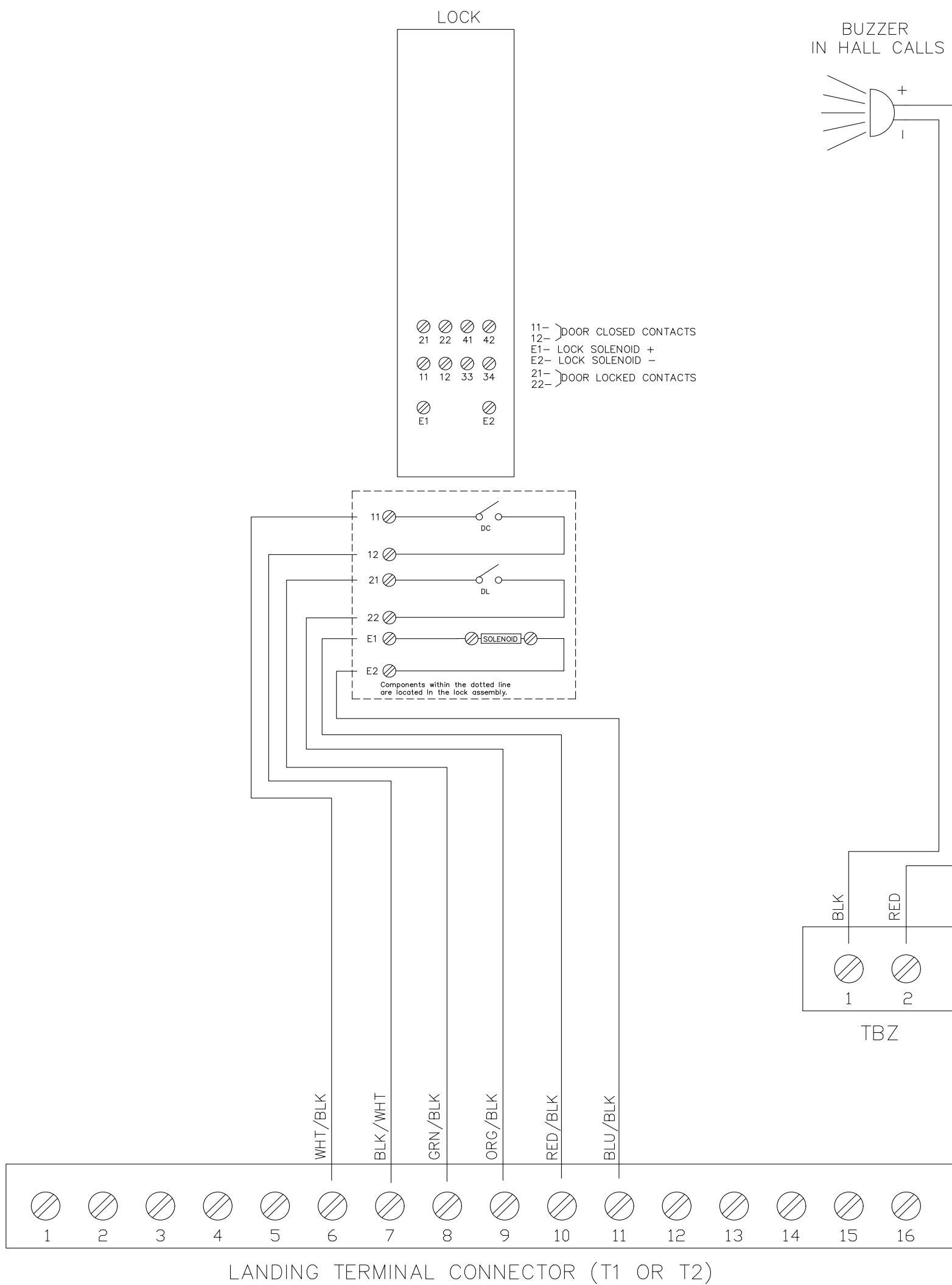
LANDING CONNECTIONS (PRO-LOCKS)

- 1- GROUND
- 2- LOCK SUPPLY
- 3- DOT
- 4- } DOOR CLOSED/LOCKED CONTACTS
- 5- }



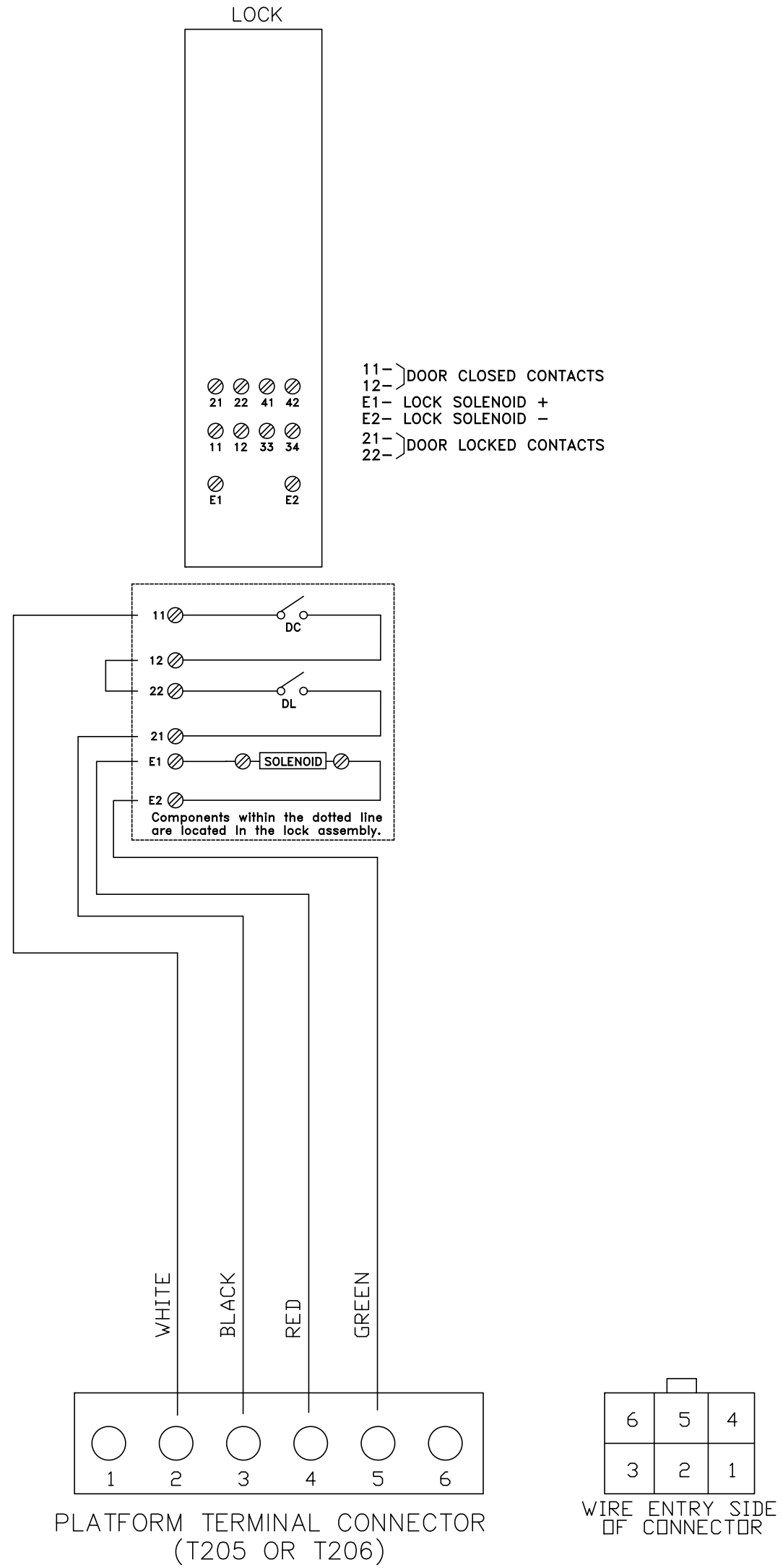
<small>THE INFORMATION DISCLOSED HEREIN IS THE EXCLUSIVE PROPERTY OF</small> <small>AND MAY NOT BE USED BY OTHERS WITHOUT PRIOR WRITTEN CONSENT</small>	<small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. ALL DIMENSIONS IN [] ARE METRIC. TOLERANCES ON:</small> .X=±0.1 [.X=±3] .XX=±0.03 [.XX=±0.8] .XXX=±0.01 [.XXX=±0.25] ANGLES X =±2.X =±0.5	DO NOT SCALE DRAWING		REMOVE ALL BURRS & SHARP CORNERS		
	MATERIAL: N/A	DESIGNED BY: JS	DESIGN DATE: SEPT 12/23	SCALE: N/A	REVISION: 004	
	FINISH: N/A	DRAWN BY: JS	DRAWN DATE: SEPT 12/23	DRAFTSPERSON: N/A	SIZE B	
	TITLE: MULTILIFT CONTROLLER LANDING CONN. (PRO-LOCKS) DIAGRAM	SHEET 1 OF 1	DRAWING NO: M-LANDING-PRO-LOCK			

LANDING CONNECTIONS (WR500 LOCKS)



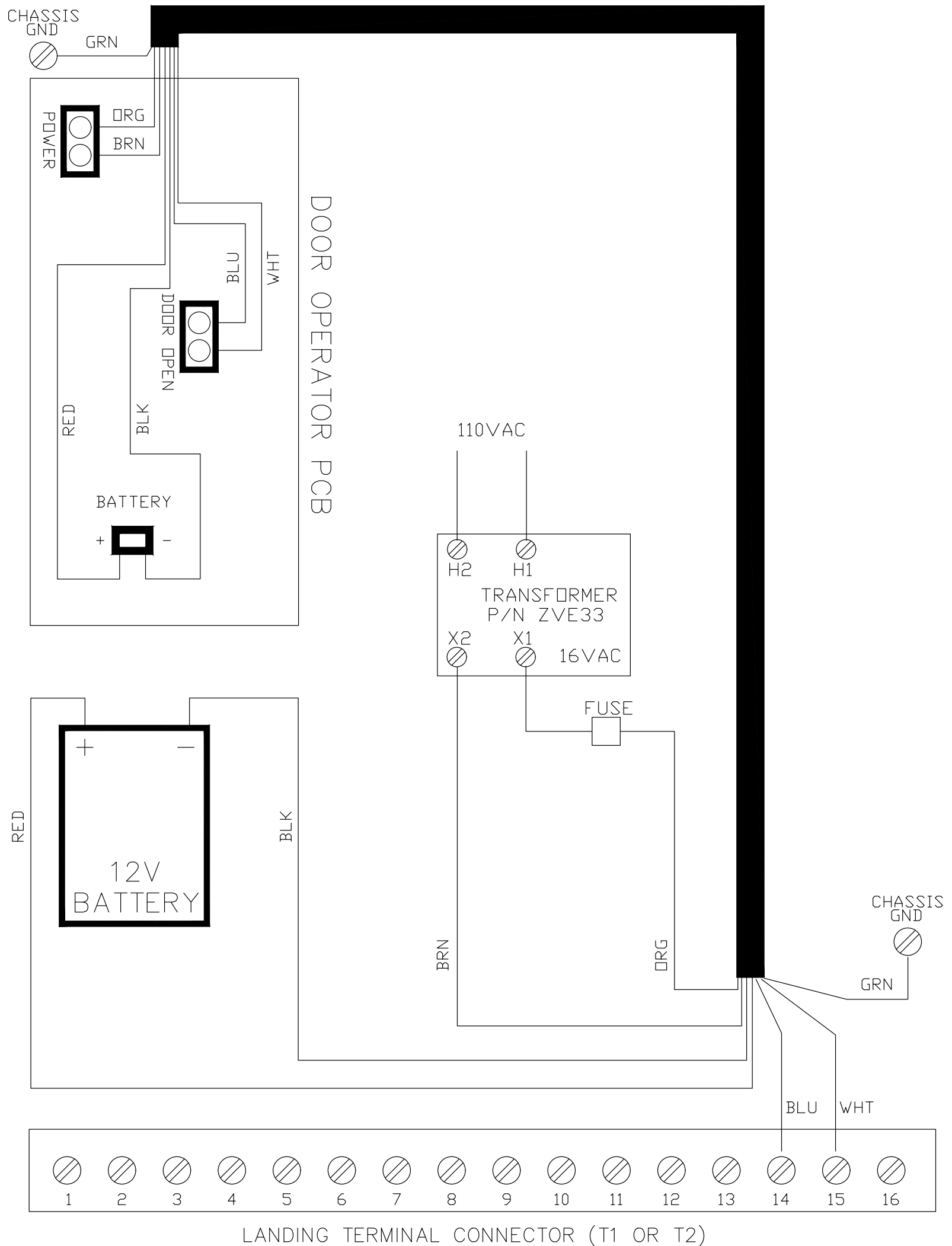
THE INFORMATION DISCLOSED HEREIN IS THE EXCLUSIVE PROPERTY OF AND MAY NOT BE USED BY OTHERS WITHOUT PRIOR WRITTEN CONSENT	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES TOLERANCES ON: .X=±0.1 [.X=±3] .XX=±0.03 [.XX=±0.8] .XXX=±0.01 [.XXX=±0.25] ANGLES X = ±2X = ±0.5	DO NOT SCALE DRAWING		REMOVE ALL BURRS & SHARP CORNERS	
		DESIGNED BY: JS	DESIGN DATE: SEPT. 12/23	SCALE: N/A	REVISION: 003
TITLE: MULTILIFT CONTROLLER LANDING CONNECTION (WR500) DIAGRAM	MATERIAL: N/A	DRAWN BY: JS	DRAWN DATE: SEPT. 12/23	DRAFTSPERSON: N/A	SIZE B
		SHEET 1 OF 1	DRAWING NO: M-LANDING-WR500		

PLATFORM CONNECTIONS (WR500 LOCKS)



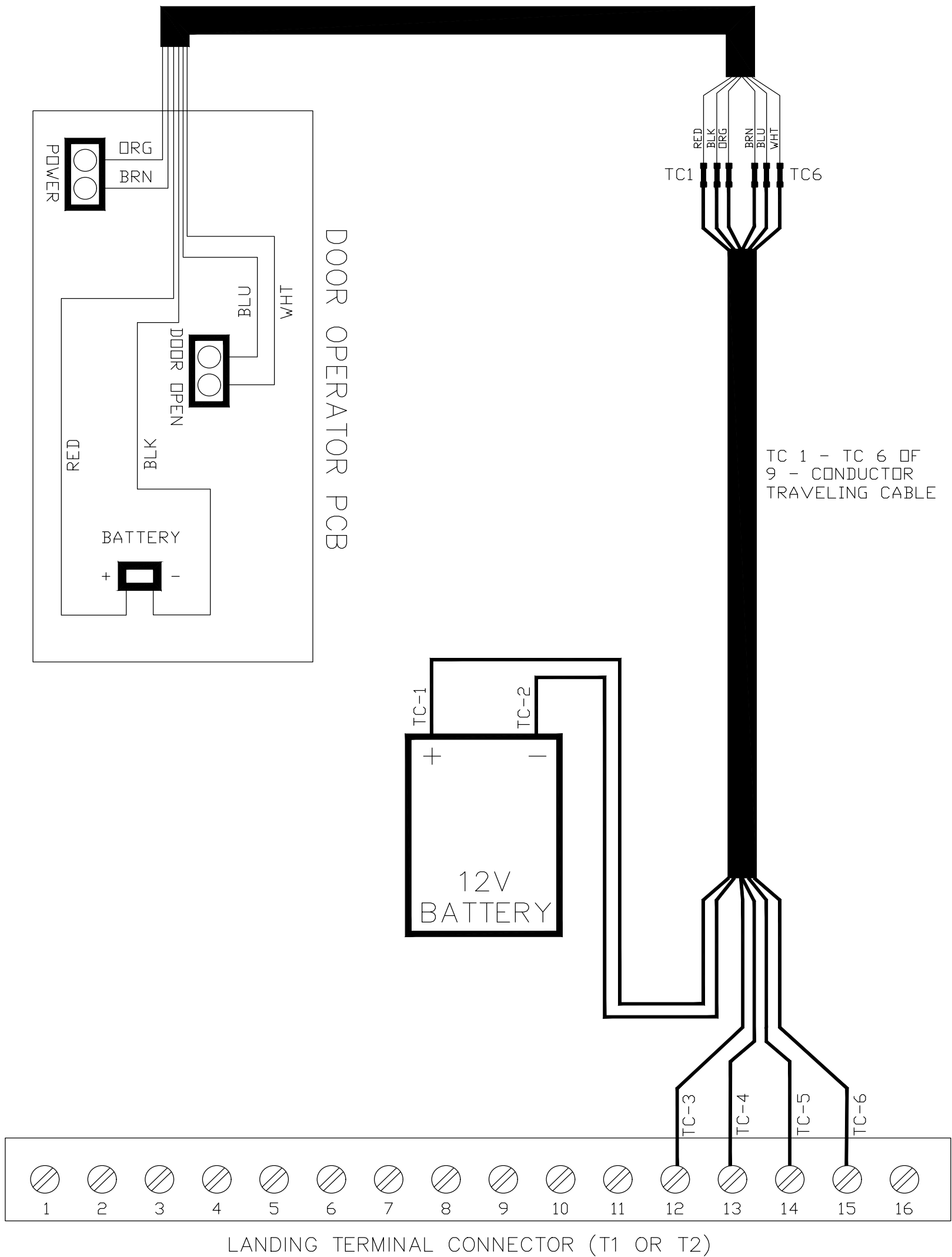
<small>THE INFORMATION DISCLOSED HEREIN IS THE EXCLUSIVE PROPERTY OF AND MAY NOT BE USED BY OTHERS WITHOUT PRIOR WRITTEN CONSENT</small>	<small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. ALL DIMENSIONS IN [] ARE METRIC TOLERANCES ON: .X=±0.1 [.X=±3] .XX=±0.03 [.XX=±0.8] .XXX=±0.01 [.XXX=±0.25] ANGLES X =±2.X =±0.5</small>	DO NOT SCALE DRAWING		REMOVE ALL BURRS & SHARP CORNERS	
		DESIGNED BY: C. QUIRK	DESIGN DATE: JULY 16/13	SCALE: N/A	REVISION: 000
TITLE: MULTILIFT CONTROLLER PLATFORM CONNECTION-WR500 DIAGRAM		MATERIAL: N/A	DRAWN BY: C. QUIRK	DRAWN DATE: JULY 16/13	DRAFTSPERSON: N/A
FINISH: N/A		SHEET 1 OF 1	DRAWING NO: M-PLATFORM-WR500		SIZE B

LANDING CONNECTIONS (GATEKEEPER SWING DOOR OPERATOR USING ZVE33)



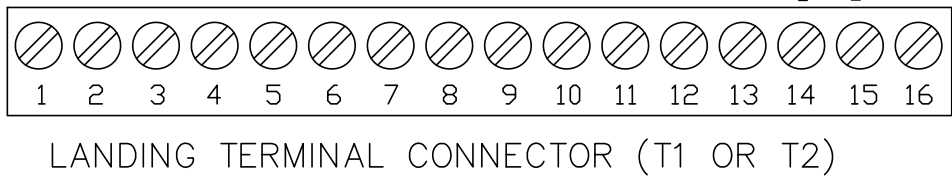
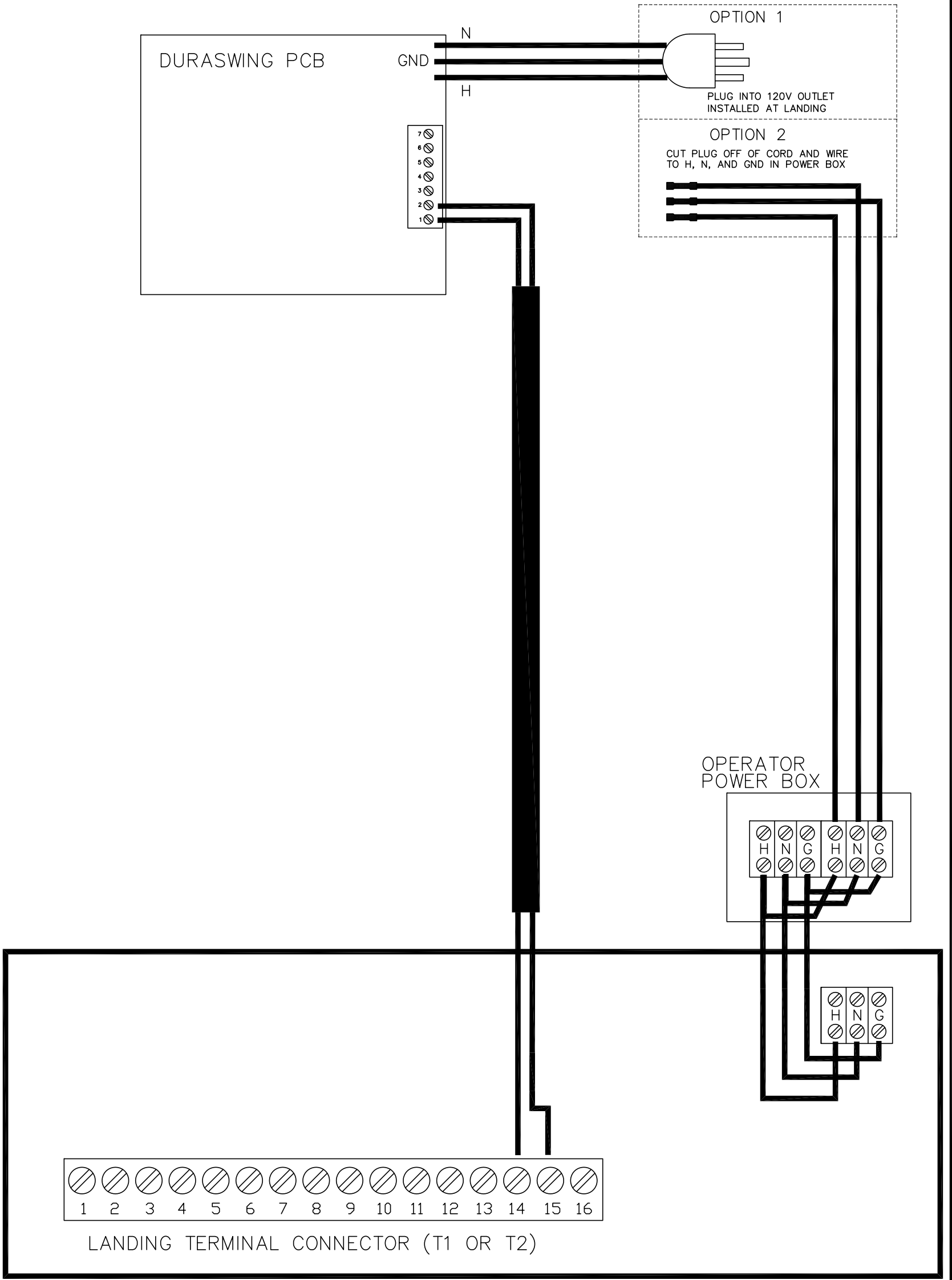
THE INFORMATION DISCLOSED HEREIN IS THE EXCLUSIVE PROPERTY OF savaria AND MAY NOT BE USED BY OTHERS WITHOUT PRIOR WRITTEN CONSENT		UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES ALL DIMENSIONS IN [] ARE METRIC TOLERANCES ON: .X=±0.1 [.X=±3] .XX=±0.03 [.XX=±0.8] .XXX=±0.01 [.XXX=±0.25] ANGLES X = ±2X = ±0.5		DO NOT SCALE DRAWING		REMOVE ALL BURRS & SHARP CORNERS			
TITLE: MULTILIFT CONTROLLER GATEKEEPER LANDING CONNECTION DIAGRAM (ZVE33)		MATERIAL: N/A		FINISH: N/A		DESIGNED BY: JS/ HS	DESIGN DATE: JAN 31/23	SCALE: N/A	REVISION: 003
SHEET 1 OF 1						DRAWING NO: M-LNDNG-GATEKEEPER		SIZE B	

PLATFORM CONNECTIONS (GATEKEEPER SWING DOOR OPERATOR)



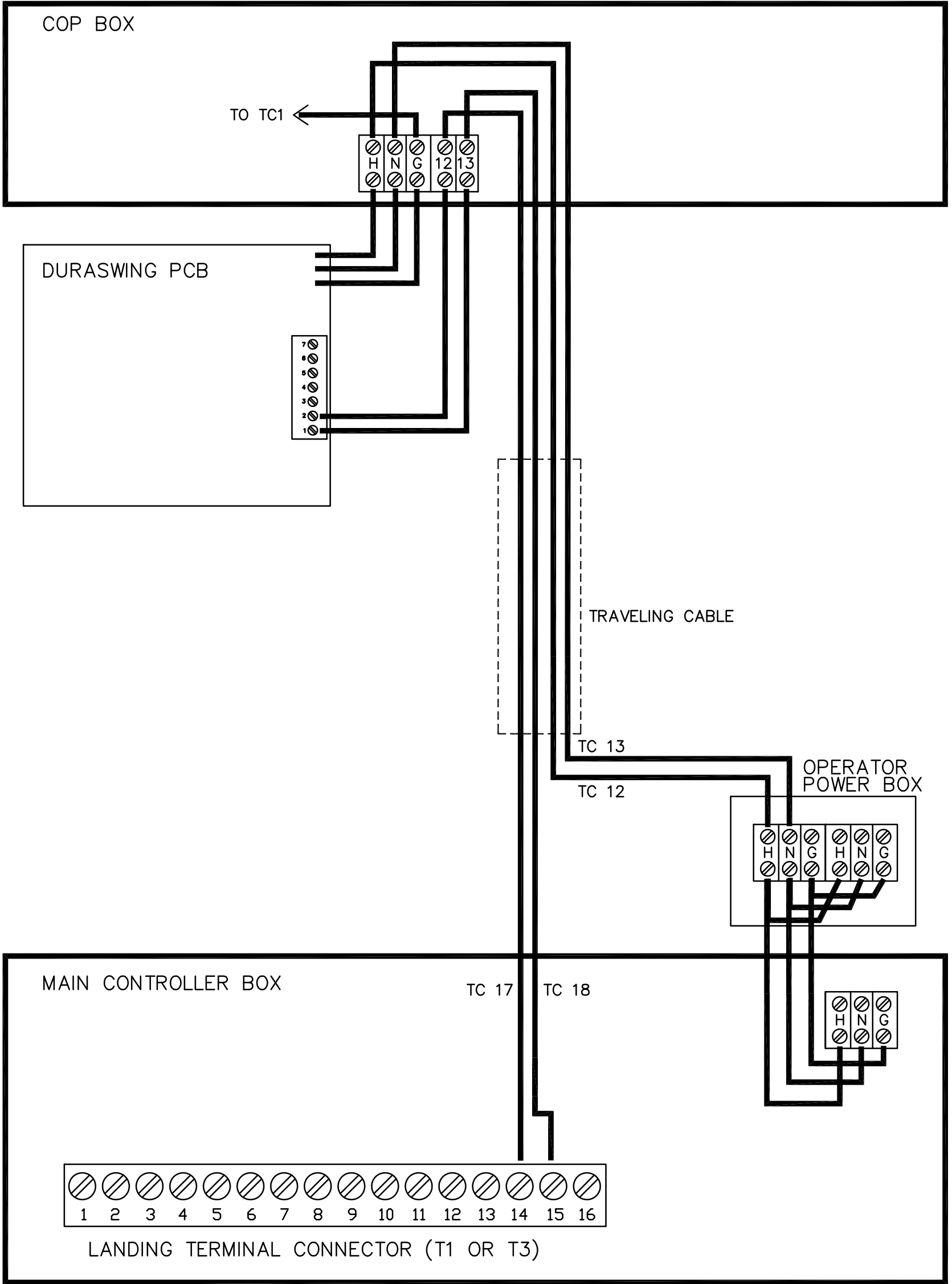
<p>THE INFORMATION DISCLOSED HEREIN IS THE EXCLUSIVE PROPERTY OF</p> <p>AND MAY NOT BE USED BY OTHERS WITHOUT PRIOR WRITTEN CONSENT</p>	<p>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. ALL DIMENSIONS IN [] ARE METRIC TOLERANCES ON: .X=±0.1 [.X=±3] .XX=±0.03 [.XX=±0.8] .XXX=±0.01 [.XXX=±0.25] ANGLES X = ±2.X = ±0.5</p>	DO NOT SCALE DRAWING		REMOVE ALL BURRS & SHARP CORNERS	
		DESIGNED BY:	DESIGN DATE:	SCALE:	REVISION:
		DRAWN BY: HARSUMEE.T.S	DRAWN DATE: DEC 13/23	DRAFTSPERSON: N/A	003
TITLE: MULTILIFT CONTROLLER GATEKEEPER PLATFORM CONNECTION DIAGRAM	MATERIAL: N/A	FINISH: N/A	SHEET 1 OF 1	DRAWING NO: M-PLTFRM-GATEKEEPR	SIZE B

LANDING CONNECTIONS (DURASWING DS-4H SWING DOOR OPERATOR)



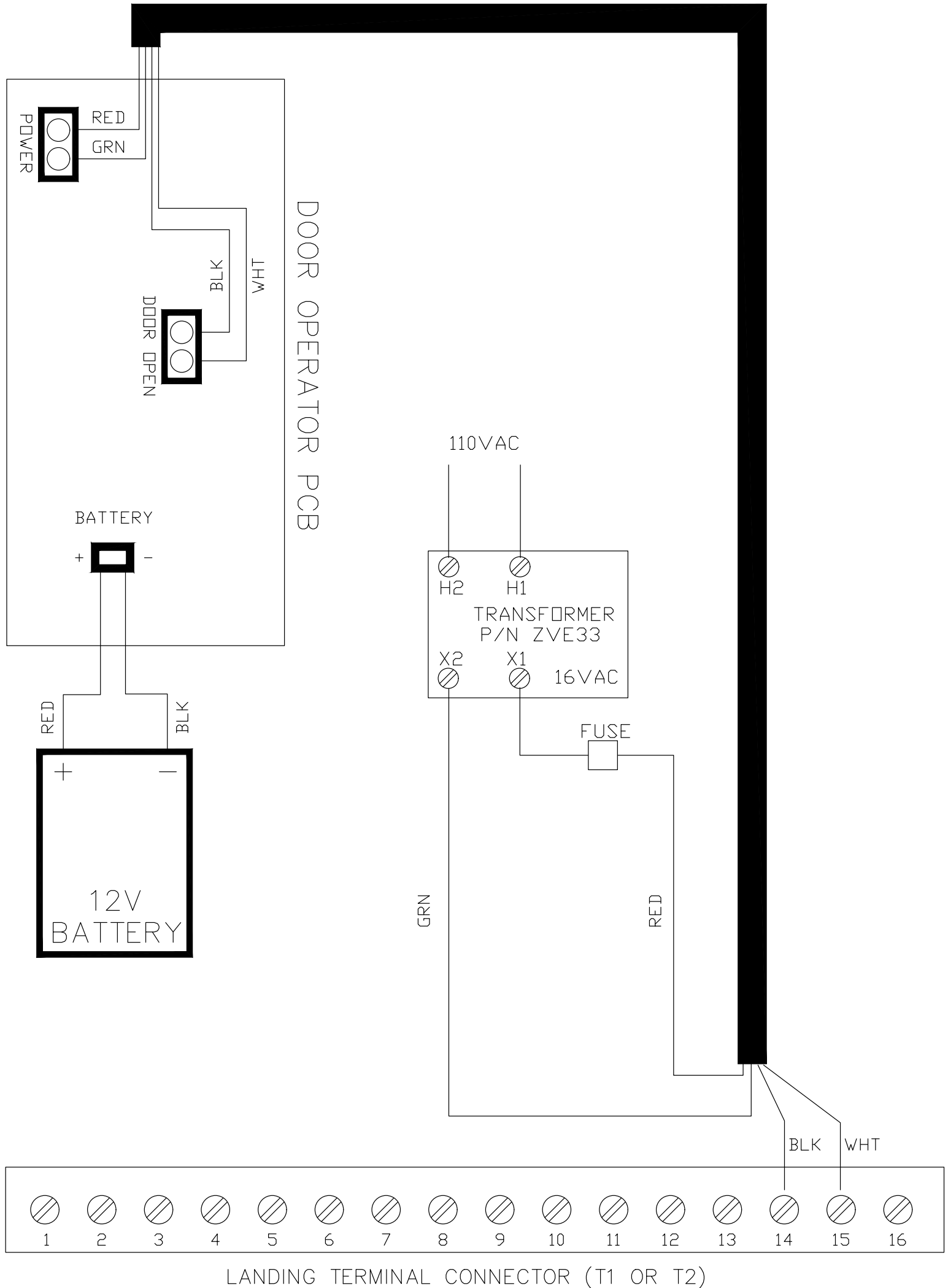
<p style="font-size: 8px;">THE INFORMATION DISCLOSED HEREIN IS THE EXCLUSIVE PROPERTY OF AND MAY NOT BE USED BY OTHERS WITHOUT PRIOR WRITTEN CONSENT</p> <p style="font-size: 8px;">TITLE: MULTILIFT CONTROLLER LANDING CONNECTION (DURASWING) DIAGRAM</p>	<p>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. ALL DIMENSIONS IN [] ARE METRIC TOLERANCES ON: .X=±0.1 [.X=±3] .XX=±0.03 [.XX=±0.8] .XXX=±0.01 [.XXX=±0.25] ANGLES X = ±2.X = ±0.5</p> <p>MATERIAL: N/A</p> <p>FINISH: N/A</p>	<p>DO NOT SCALE DRAWING</p> <p>DESIGNED BY: C. QUIRK</p> <p>DRAWN BY: C. QUIRK</p> <p>SHEET 1 OF 1</p>	<p>REMOVE ALL BURRS & SHARP CORNERS</p> <p>DESIGN DATE: JULY 10/14</p> <p>DRAWING NO: M-LANDING-DMT</p>	<p>SCALE: N/A</p> <p>DRAFTSPERSON: N/A</p> <p>REVISION: 000</p> <p>SIZE B</p>
--	---	--	---	--

PLATFORM CONNECTIONS (DURASWING DS-4H SWING DOOR OPERATOR)



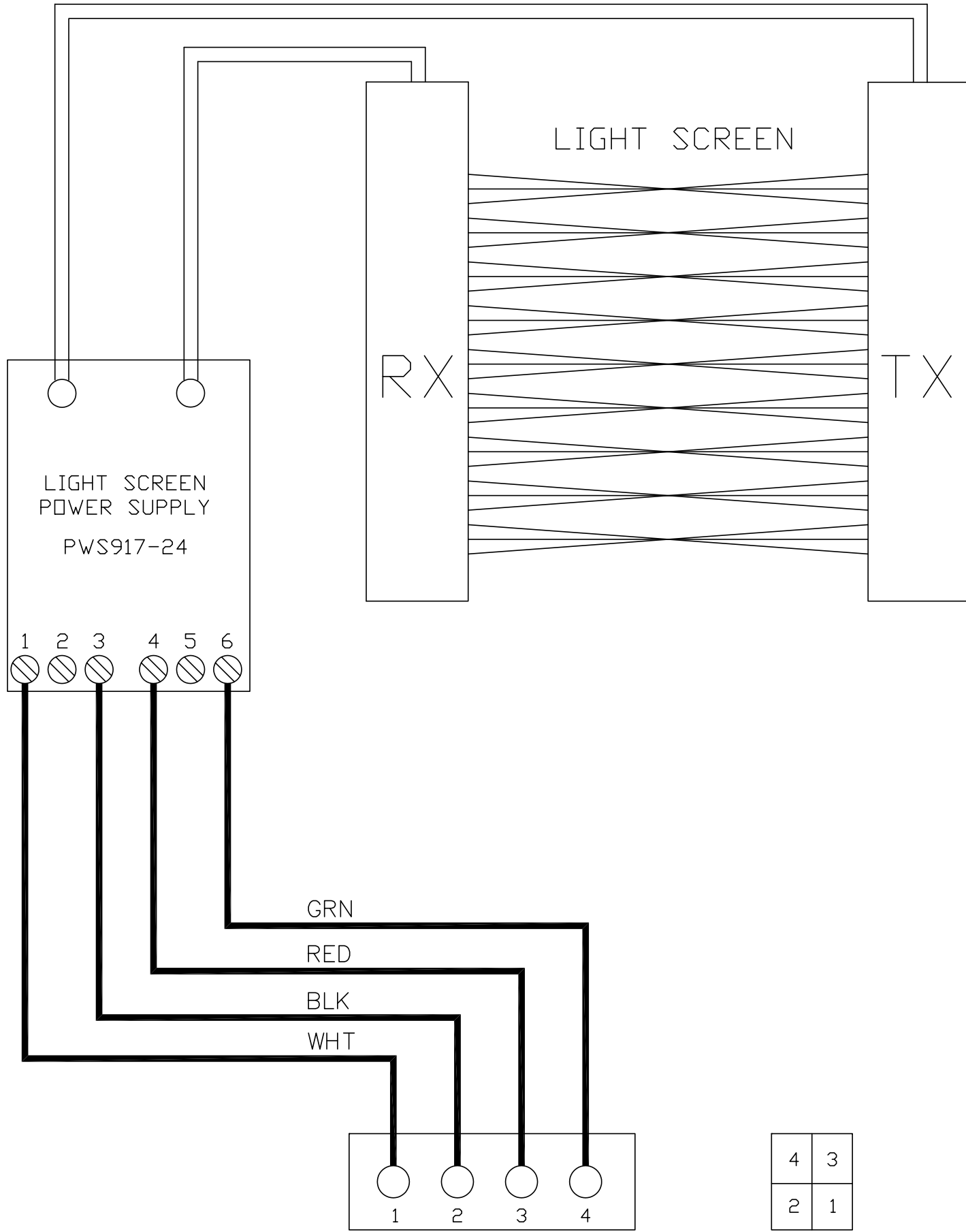
<small>THE INFORMATION DISCLOSED HEREIN IS THE EXCLUSIVE PROPERTY OF AND MAY NOT BE USED BY OTHERS WITHOUT PRIOR WRITTEN CONSENT</small>	<small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. ALL DIMENSIONS IN [] ARE METRIC TOLERANCES ON: X=±0.1 [X=±3] .XX=±0.03 [XX=±0.8] .XXX=±0.01 [XXX=±0.25] ANGLES X =±2X =±0.5</small>	DO NOT SCALE DRAWING		REMOVE ALL BURRS & SHARP CORNERS	
		DESIGNED BY:	DESIGN DATE:	SCALE:	REVISION:
		N/A	N/A	N/A	000
		DRAWN BY:	DRAWN DATE:	DRAFTSPERSON:	SIZE
TITLE: MULTILIFT CONTROLLER PLATFORM CONNECTION (DURASWING) DIAGRAM	MATERIAL: N/A	C. QUIRK	JULY 10/14	N/A	N/A
FINISH: N/A		SHEET 1 OF 1	DRAWING NO: M-PLATFORM-DMT		B

LANDING CONNECTIONS (COMMANDER SWING DOOR OPERATOR USING ZVE33)



<small>THE INFORMATION DISCLOSED HEREIN IS THE EXCLUSIVE PROPERTY OF</small> <small>AND MAY NOT BE USED BY OTHERS WITHOUT PRIOR WRITTEN CONSENT</small>		<small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES ALL DIMENSIONS IN [] ARE METRIC TOLERANCES ON: .X=±0.1 [.X=±3] .XX=±0.03 [.XX=±0.8] .XXX=±0.01 [.XXX=±0.25] ANGLES X = ±2X = ±0.5</small>		<small>DO NOT SCALE DRAWING</small>		<small>REMOVE ALL BURRS & SHARP CORNERS</small>	
<small>TITLE: MULTILIFT CONTROLLER COMMANDER LANDING CONNECTION DIAGRAM (ZVE33)</small>		<small>MATERIAL: N/A</small>		<small>DESIGNED BY: JS/ HS</small>		<small>DESIGN DATE: JAN 31/23</small>	
<small>FINISH: N/A</small>		<small>SHEET 1 OF 1</small>		<small>DRAWING NO: M-LNDNG-CMMANDER</small>		<small>SCALE: N/A</small>	
						<small>REVISION: 001</small>	
						<small>SIZE B</small>	


PLATFORM CONNECTIONS (LIGHT SCREEN CONNECTIONS)



COP LIGHT SCREEN CONNECTOR
(T202 OR T203)

4	3
2	1

NOTE:
CONNECTOR LAYOUT
VIEWED FROM WIRE
INSERTION SIDE

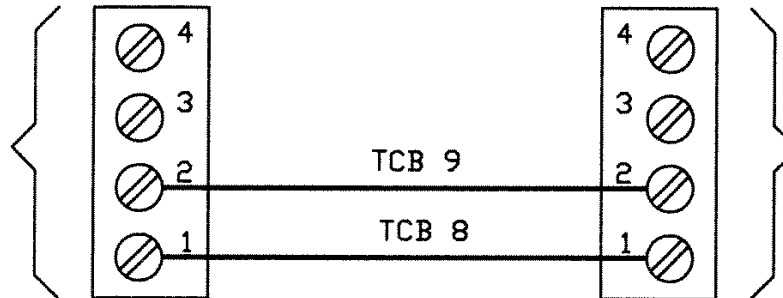
<small>THE INFORMATION DISCLOSED HEREIN IS THE EXCLUSIVE PROPERTY OF</small>  <small>AND MAY NOT BE USED BY OTHERS WITHOUT PRIOR WRITTEN CONSENT</small>	<small>UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES. ALL DIMENSIONS IN [] ARE METRIC</small> <small>TOLERANCES ON:</small> .X=±0.1 [.X=±3] .XX=±0.03 [.XX=±0.8] .XXX=±0.01 [.XXX=±0.25] <small>ANGLES X =±2.X =±0.5</small>	DO NOT SCALE DRAWING		REMOVE ALL BURRS & SHARP CORNERS	
		DESIGNED BY: C. QUIRK	DESIGN DATE: 01/16/13	SCALE: N/A	REVISION: 000
TITLE: MULTILIFT CONTROLLER LIGHT SCREEN CONNECTION DIAGRAM	MATERIAL: N/A	DRAWN BY: C. QUIRK	DRAWN DATE: 01/16/13	DRAFTSPERSON: N/A	
FINISH: N/A		SHEET 1 OF 1	DRAWING NO: M-LIGHT SCREEN		SIZE B

TRAVELING CABLE CONNECTIONS

CONTROLLER CONNECTIONS

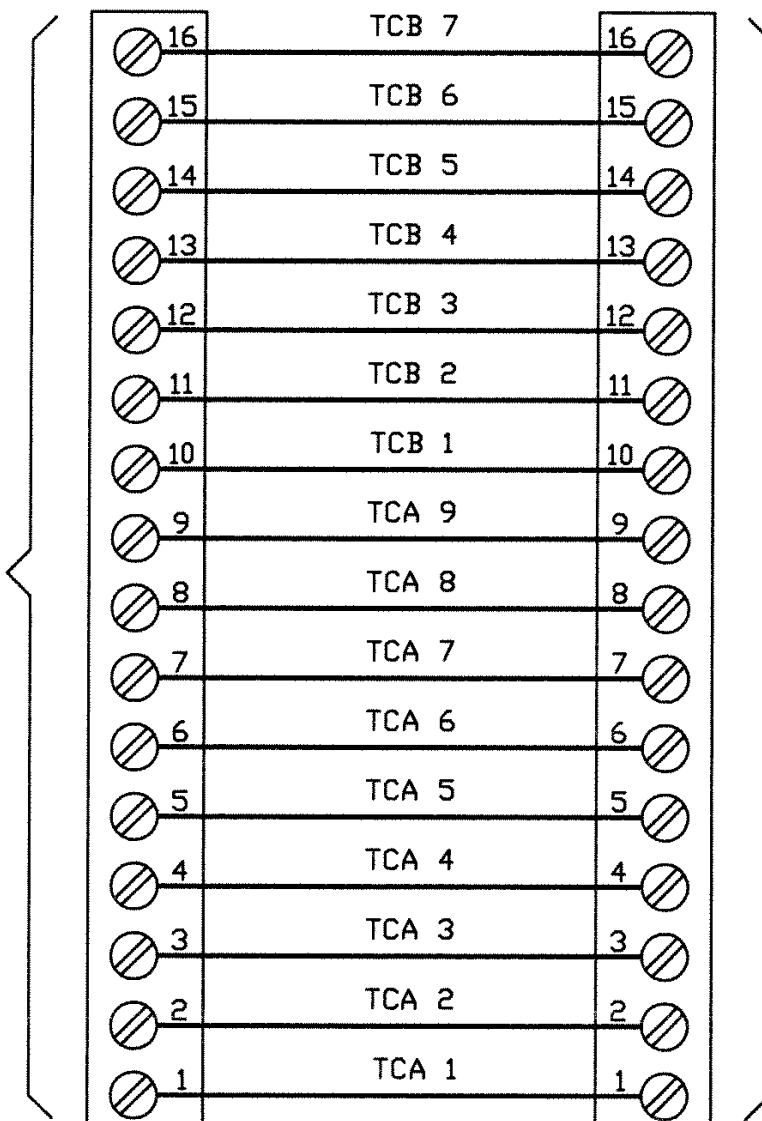
CAB CONNECTIONS

TO 4-PIN CONNECTOR
TERMINATING IN TCV




TO 4-PIN CONNECTOR
TERMINATING IN T200V

TO 16-PIN CONNECTOR
TERMINATING IN TC



TO 16-PIN CONNECTOR
TERMINATING IN T200

THE INFORMATION DISCLOSED HEREIN IS THE EXCLUSIVE PROPERTY OF  AND MAY NOT BE USED BY OTHERS WITHOUT PRIOR WRITTEN CONSENT	UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES ALL DIMENSIONS IN [] ARE METRIC TOLERANCES ON: X=±0.1 [.X=±3] .XX=±0.03 [.XX=±0.8] .XXX=±0.01 [.XXX=±0.25] ANGLES X =±2X =±0.5	DO NOT SCALE DRAWING		REMOVE ALL BURRS & SHARP CORNERS	
		DESIGNED BY:	DESIGN DATE:	SCALE:	REVISION:
TITLE: MULTILIFT CONTROLLER TRAVELING CABLE CONNECTION DIAGRAM	MATERIAL: N/A	DRAWN BY: C. QUIRK	DRAWN DATE: MAR. 27/12	DRAFTSPERSON: N/A	000
	FINISH: N/A	SHEET 1 OF 1	DRAWING NO: M-TC		SIZE B

JUMPER SELECTION TABLE

MULTILIFT CONTROLLER BOARD JUMPERS

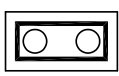
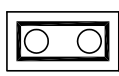
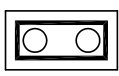
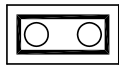
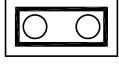
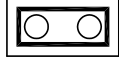
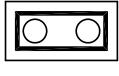
ZONE SWITCH JUMPERS REQUIRED

JZ1  BOTTOM ZONE SWITCH BRIDGES Z1A & Z1B JZ2  TOP ZONE SWITCH BRIDGES Z3A & Z3B

DC MOTOR JUMPER REQUIRED

JDC  PF CONTACT SHORT
ALLOWS UP TRAVEL ON DC

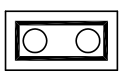
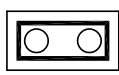
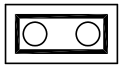
OPTIONAL JUMPERS

JDL  DOOR LOCK GAL LOCKS INSTALLED	JPFA  POWER FAIL ANNUNCIATION BUZZER ON POWER FAIL OPTION
JF2  CAR GATE SELECTOR FRONT TOP OPTION	JR2  CAR GATE SELECTOR REAR TOP OPTION
JF1  CAR GATE SELECTOR FRONT BOTTOM OPTION	JR1  CAR GATE SELECTOR REAR BOTTOM OPTION
JPL  PRO-LOCK PRO-LOCKS INSTALLED	

MANDATORY JUMPER (ONE MUST BE SELECTED)


JLV  LOCK VOLTAGE SELECTOR 24V SETTING  12V SETTING

VERTICAL COP JUNCTION BOARD OPTIONAL JUMPERS

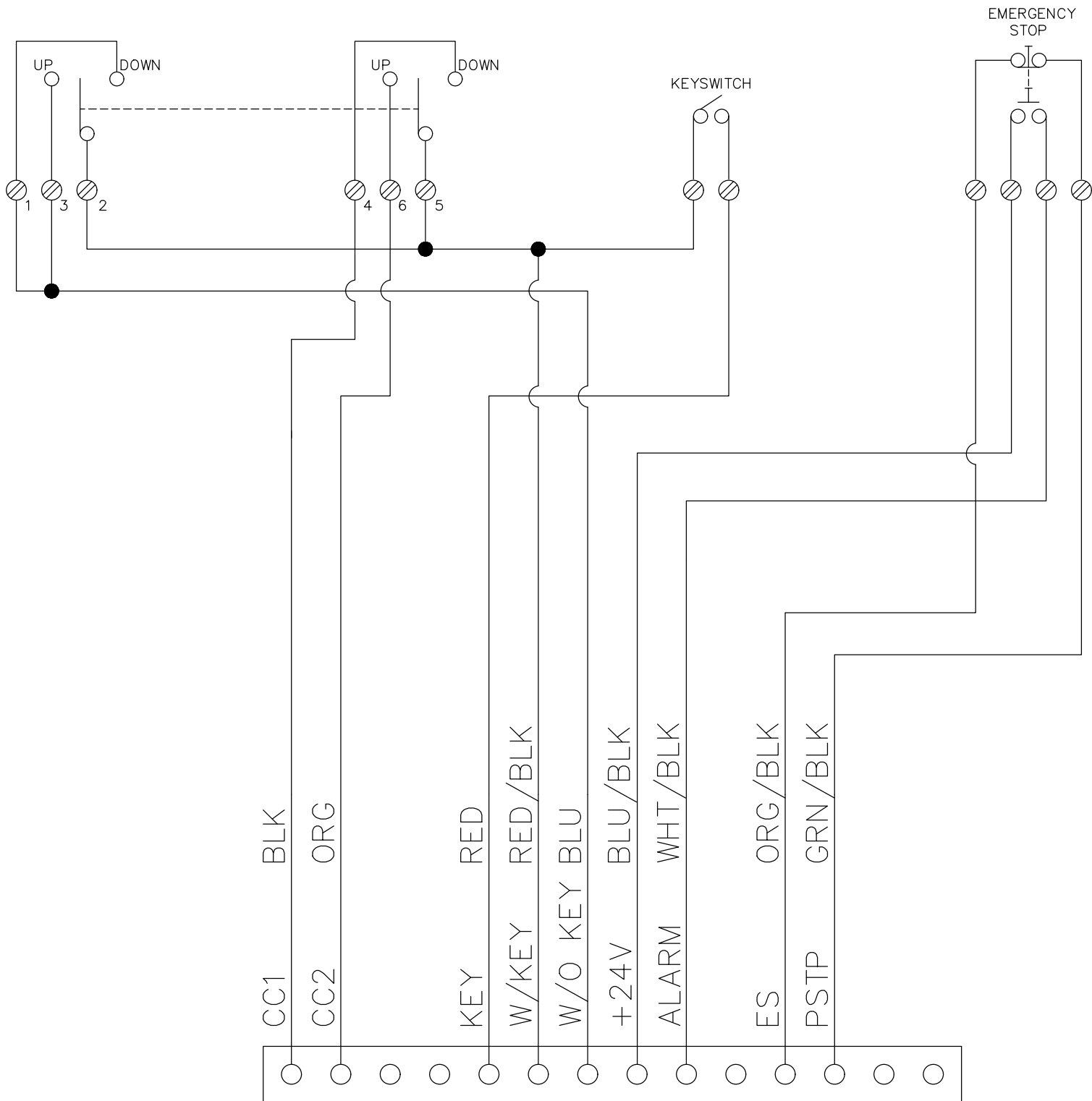
JLS1  LIGHT SCREEN #1 NO LIGHT SCREEN INSTALLED	JG1  GATE INTERLOCK #1 NO LOCK INSTALLED
JLS2  LIGHT SCREEN #2 NO LIGHT SCREEN INSTALLED	JG2  GATE INTERLOCK #2 NO LOCK INSTALLED
JPS  PENDENT STOP SWITCH NO SWITCH INSTALLED	


V-1504 COP JUNCTION BOARD MANDATORY JUMPER

JKS  1 KEYSWITCH SELECTOR KEYLESS SETTING  1 KEYED SETTING

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		DESIGNED BY:	DESIGN DATE:	SCALE:	REVISION:
		DRAWN BY:	DRAWN DATE:	DRAFTSPERSON:	
		SHEET 1 OF 1		DRAWING NO: M-JUMPER TABLE	
TITLE: MULTILIFT CONTROLLER JUMPER SELECTION TABLE		MATERIAL: N/A		FINISH: N/A	
		C. QUIRK	MAR. 27/12	N/A	000

REVISIONS			
REV	ECO NO.	DATE	REVISED BY
000	2082	02/08/23	HARSUMEEET.S



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		DESIGNED BY: HARSUMEEET.S	DESIGN DATE: FEB 08/23	SCALE: N/A	REVISION: 000
TITLE: MULTILIFT - 771259 ROCKER SWITCH COP CONNECTION DIAGRAM	MATERIAL: N/A	DRAWN BY: HARSUMEEET.S	DRAWN DATE: FEB 08/23	DRAFTSPERSON: N/A	SIZE B
	FINISH: N/A	SHEET 1 OF 1		DRAWING NO: 328043	

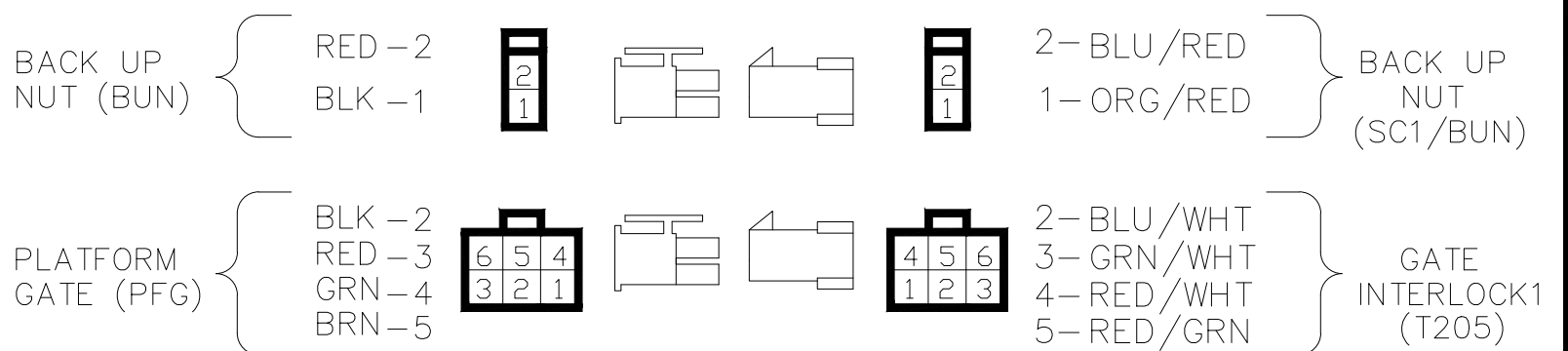
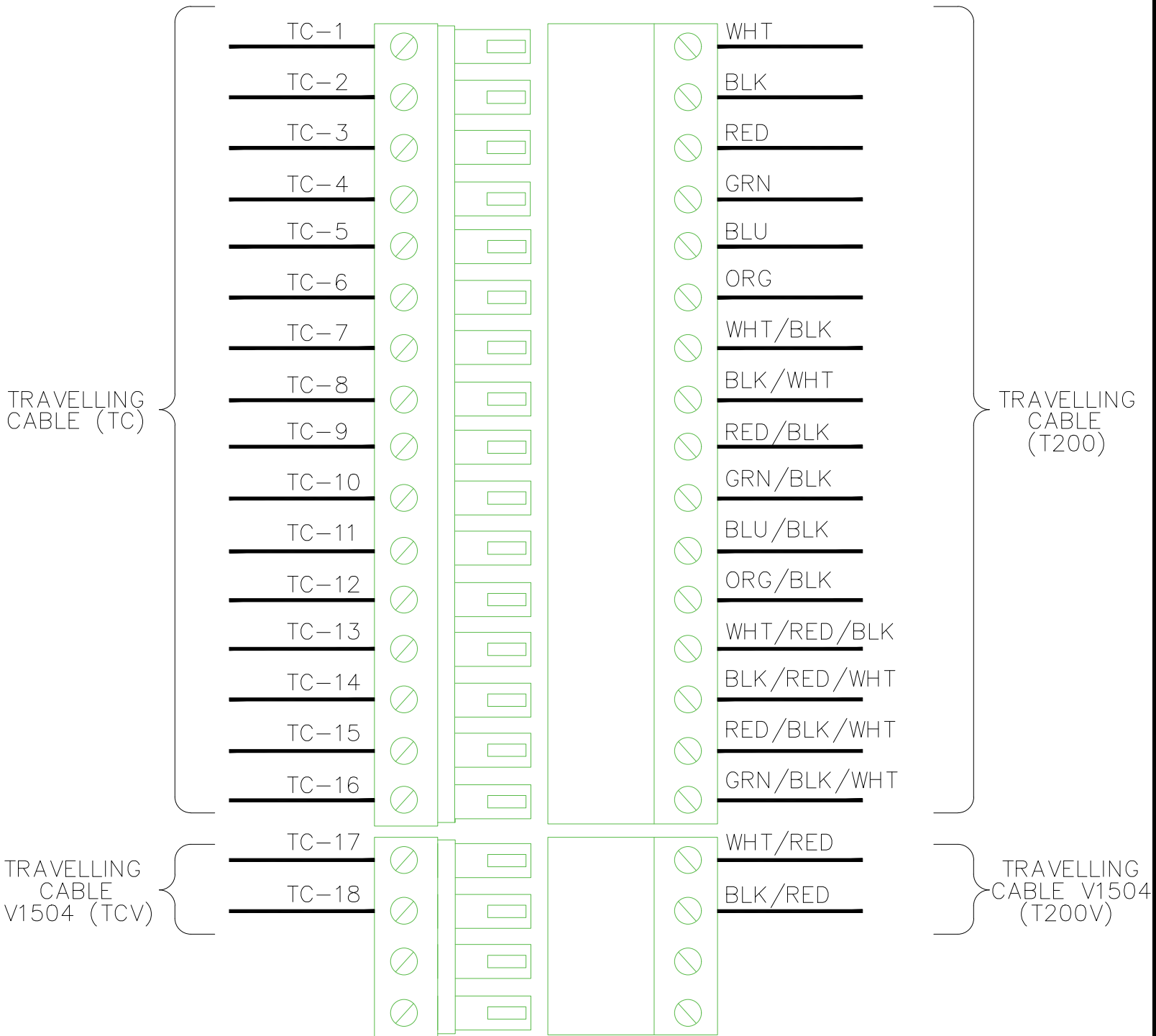
MULTILIFT TRAVELING CABLE CONNECTIONS FOR B – WALL COP

CONTROLLER CONNECTIONS

COP CONNECTIONS

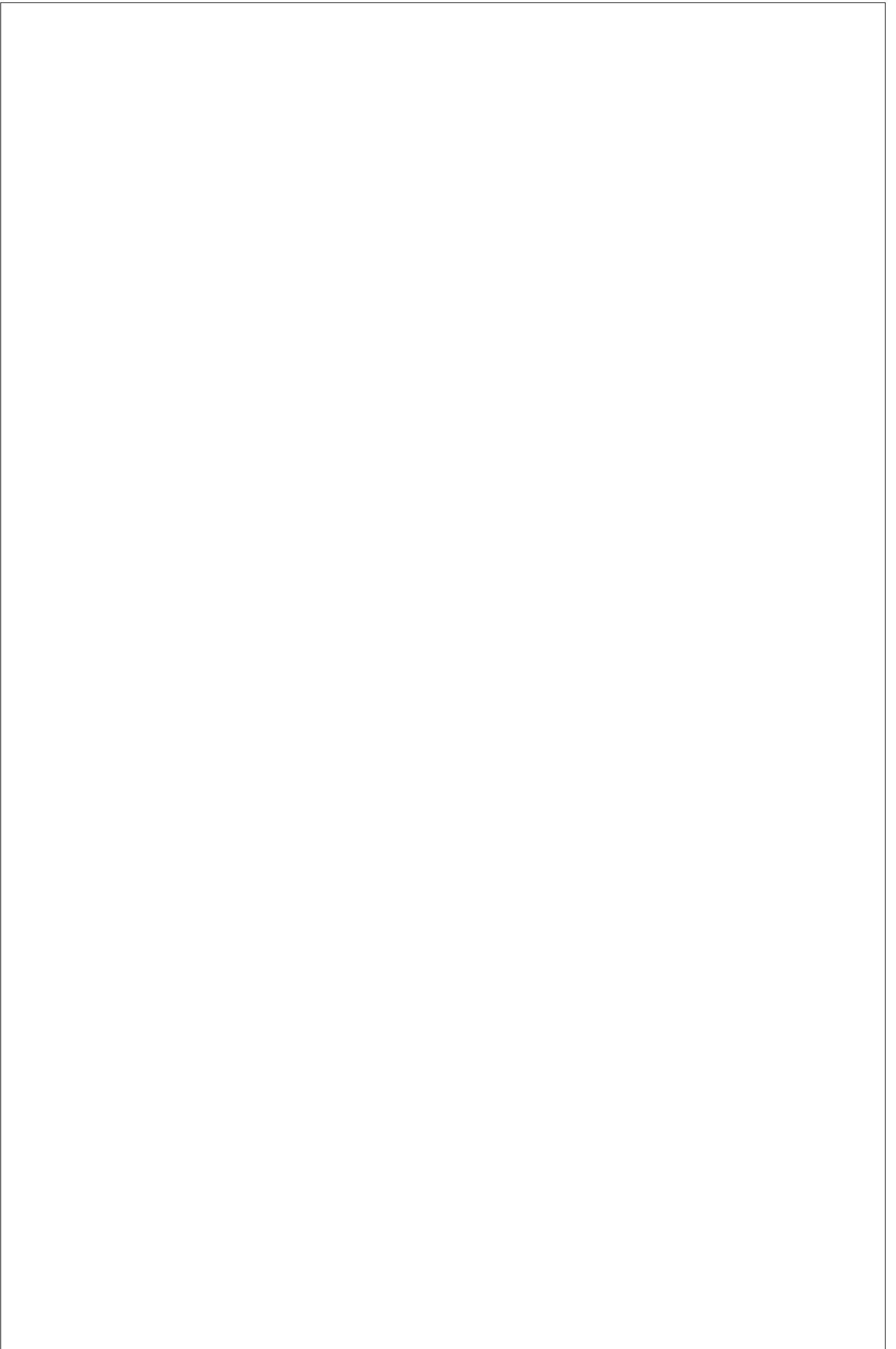
TRAVELLING CABLE

HARNESS# 324025



TRAVELLING CABLE EXTENSION CONNECTORS

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		DESIGNED BY: HARSUMEE.T.S	DESIGN DATE: DEC 13/23	SCALE: N/A	REVISION: 000
TITLE: MULTILIFT CONTROLLER COP B WALL-TC CONNECTION DIAGRAM	MATERIAL: N/A	DRAWN BY: HARSUMEE.T.S	DRAWN DATE: DEC 13/23	DRAFTSPERSON: N/A	SIZE: B
FINISH: N/A		SHEET 1 OF 1	DRAWING NO: TC-MULTILIFT B-WALL		



Multilift
ELECTRICAL SCHEMATICS

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Savaria Concord Lifts, Inc.
www.savaria.com

Support
2 Walker Drive
Brampton, Ontario, L6T 5E1, Canada
Toll free: (800) 791-7999
Fax: (905) 791-2222

