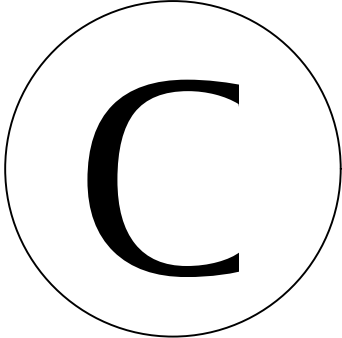




CABLE DIAGRAM

101-12249-825	CHESTERTON,IN	REV:	1
REV TAG	PAGE	DESCRIPTION	
Δ	01/11	CABLE DRAWING INDEX	
	02/11	GLOBAL INTERCONNECTION DIAGRAM — (IN PIT & ON LIFT)	
	03/11	GLOBAL INTERCONNECTION DIAGRAM — (IN FIELD)	
Δ	04/11	CABLE DISTRIBUTION BY OTHERS	
	05/11	CABLE DISTRIBUTION BY OTHERS	
	06/11	CABLE DISTRIBUTION BY GALA	
	07/11	CABLE DISTRIBUTION BY GALA	
	08/11	POWER DIAGRAM —————	(DSW + MTR)
Δ	09/11	CONTROL DIAGRAM —————	(TB2)
	10/11	CONTROL DIAGRAM —————	(LJB)
	11/11	CONTROL DIAGRAM —————	(STATION FOR HAND-HELD HH-TS)

JUNCTION BOX LEGEND	
MCP	MAIN CONTROL PANEL
HH-TS	HAND-HELD TOUCH SCREEN STATION
HH-MT	HAND-HELD MAINTENANCE STATION
DSW-...	DISCONNECT SWITCH (POWER)
TB2	PIT TERMINAL BOX (CONTROL)
ENC	ENCODER JUNCTION BOX
LJB	LIFT JUNCTION BOX
SMP	STAGE MANAGER PANEL
LSK	LIFT SOCKET JUNCTION BOX
WSK-...	WALL SOCKET JUNCTION BOX
MA-...	MOVING ASTRAGAL JUNCTION BOX
TR-...	TRAVEL JUNCTION BOX
TP-...	TOP PLATE JUNCTION BOX
DL-...	DOOR LOCK JUNCTION BOX
EE-...	EMERGENCY EXIT PUSH BUTTON
KS-...	KEY SWITCH BOX
ES-...	EMERGENCY STOP PUSH BUTTON
SA-...	STATIC ASTRAGAL JUNCTION BOX
HLI	HANDICAP LIFT INTERLOCK
GA-...	GATE JUNCTION BOX

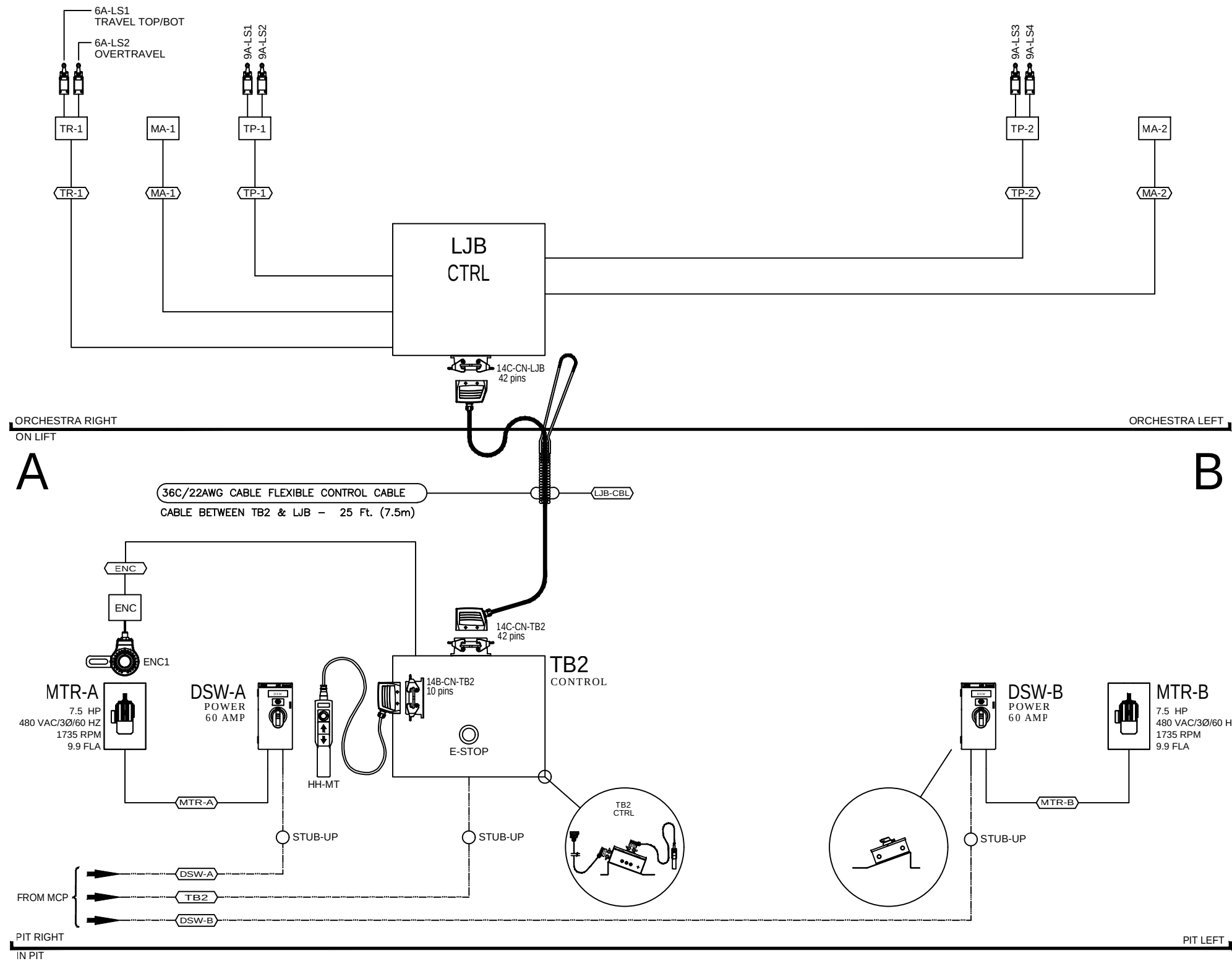
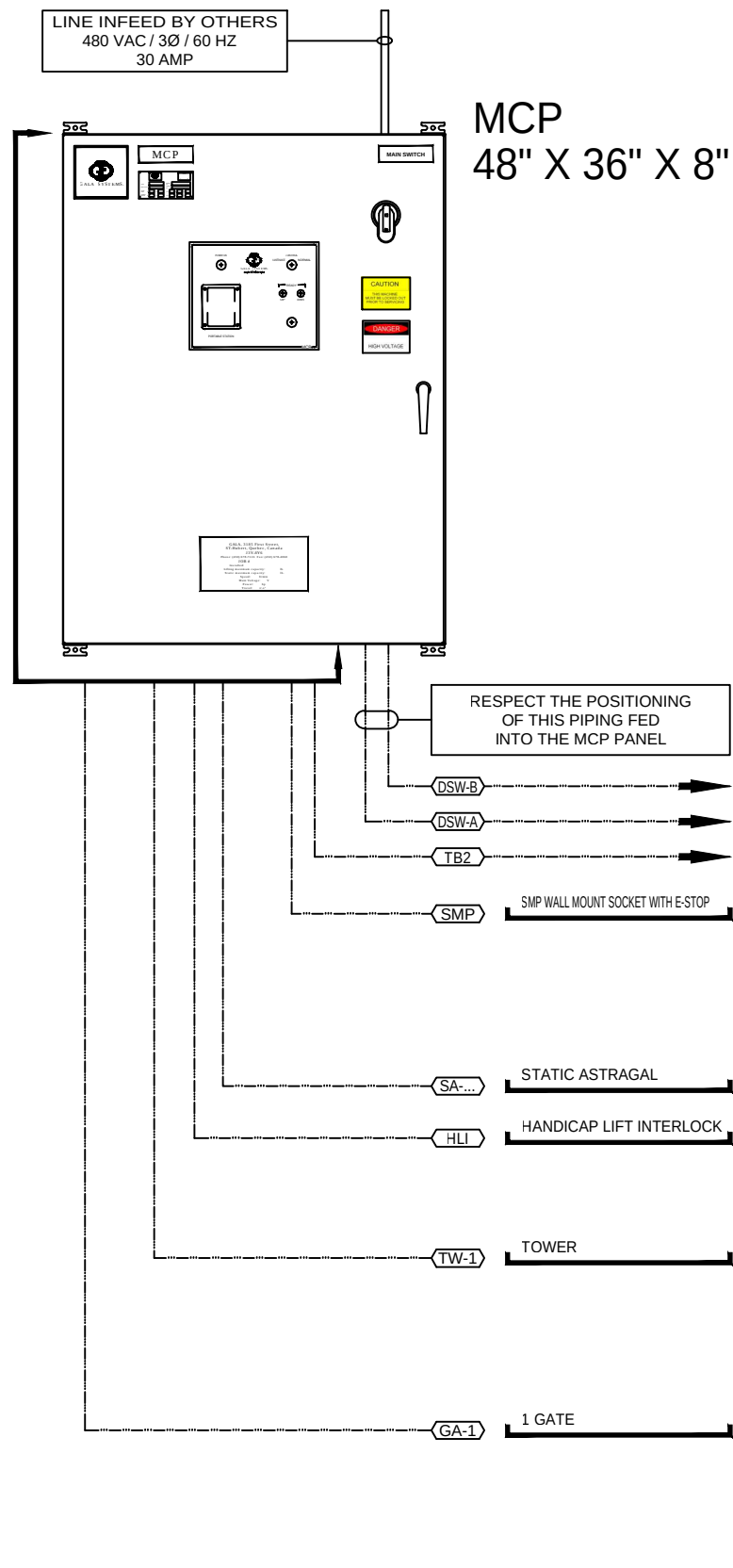
GENERAL NOTES
1-LOCATION OF MCP AND SMP TO BE CONFIRMED.
2-THE INDICATED WIRE SIZES ARE BASE ON NATIONAL ELECTRICAL CODE AND ON TYPICAL CONDITIONS SUCH AS LENGTHS OF RUNS. IT IS THE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO INSURE AND ASCERTAIN THAT PROPOSED WIRE SIZES AND APPROPRIATE CONDUITS AND JUNCTION BOXES ARE COMPLYING WITH LOCAL CODES OR BY-LAWS. PLEASE REFER TO GALA FOR ANY PARTICULAR CONDITION.
3-ALL WIRES MUST BE NUMBERED OR MARKED ACCORDING TO GALA DRAWINGS.
4-ALL JUNCTION BOXES MUST BE IDENTIFIED ACCORDING TO GALA DRAWINGS.
5-FLUSH MOUNTED JUNCTION BOXES 4' X 2' X 2' (EXCEPT OTHERWISE NOTED)
6-THIS WIRING DIAGRAM (SIZE & QTY) IS INTENDED ONLY FOR LIFT SAFETY AND CONTROL COMPONENTS, WIRING FOR OTHER ELECTRICAL COMPONENTS ON LIFT A/V OUTLETS, SPEAKERS IF REQUIRED ARE NOT INCLUDED. PLEASE COORDINATE WITH GALA FOR OTHER ELECTRICAL COMPONENTS.
7-RUNS SHOWN ARE SCHEMATIC ONLY TO INDICATE WIRE NUMBERS, SIZES & LOCATIONS. FIELD CONDUIT RUNS WILL VARY TO BEST SUIT SITE CONDITIONS AS LONG AS WIRING INFO ON THIS DRAWING IS RESPECTED.
WIRE CODE
CONTROL 240/120VAC LINE : 14AWG BLACK * CONTROL 120VAC NEUTRAL : 14AWG WHITE * CONTROL 12VDC : 16AWG PURPLE * CONTROL 24VDC (+24V + ...P) : 16AWG BROWN * CONTROL 0VDC (0V) : 16AWG BLUE * PLC I/O'S 24VDC : 16AWG RED * ALL POWER CIRCUITS 575V : 14AWG BLACK * GROUND (GND): 14AWG GREEN * ALL SOURCE COMING FROM OUTSIDE OF MCP: 14AWG YELLOW * * UNLESS OTHERWISE INDICATED ON DRAWINGS * USE (THHN) CABLE INTO CONDUITS FOR GAGE 14AWG OR MORE * USE (TFFN) CABLE INTO CONDUITS FOR GAGE 16AWG OR LESS * USE (TEW) CABLE INTO CONTROL PANEL * ALL ELECTRICAL CONDUCTORS SHALL BE COPPER & STRANDED

SYMBOL LEGEND	
	WIRING COORDINATION BY GALA
	WIRING COORDINATION BY OTHERS
	CABLE #
	DOOR LOCK (MAGNET)
	EMERGENCY EXIT PUSH BUTTON
	KEY SWITCH

THIS DRAWING MUST BE READ JOINTLY
WITH DRAWING
101-12249-820.dwg (E)
101-12249-861.dwg (L)

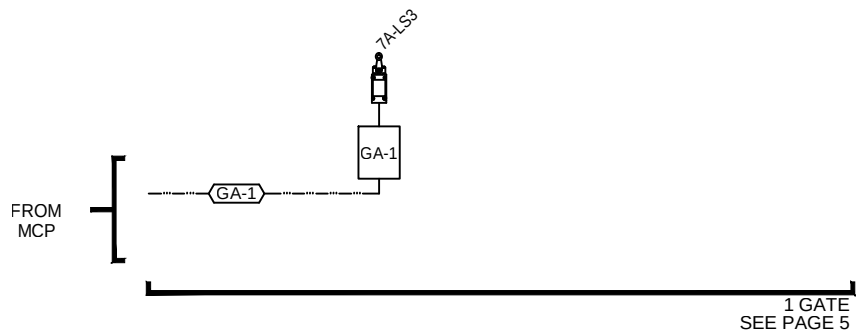
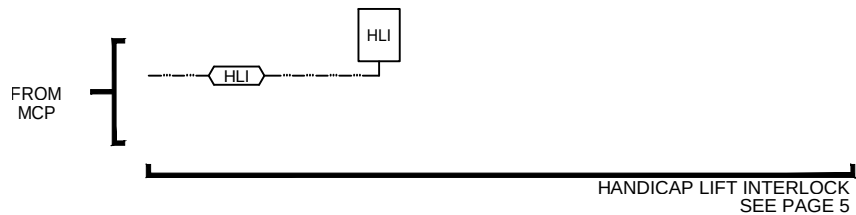
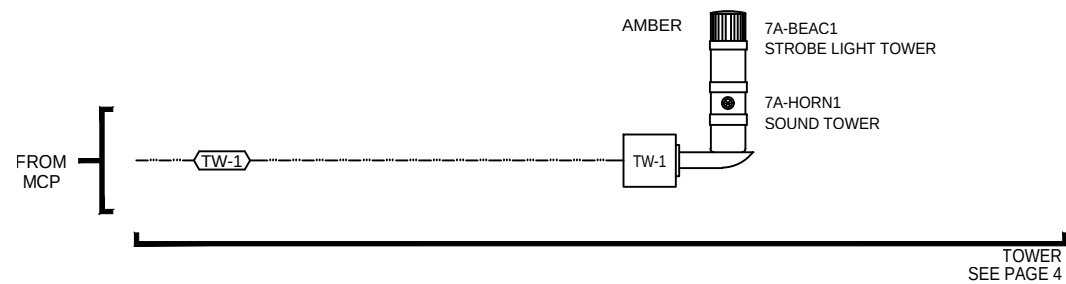
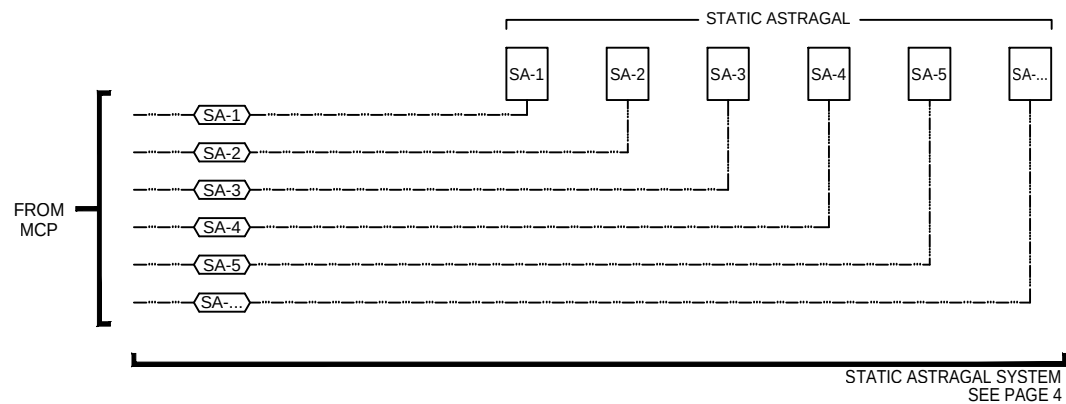
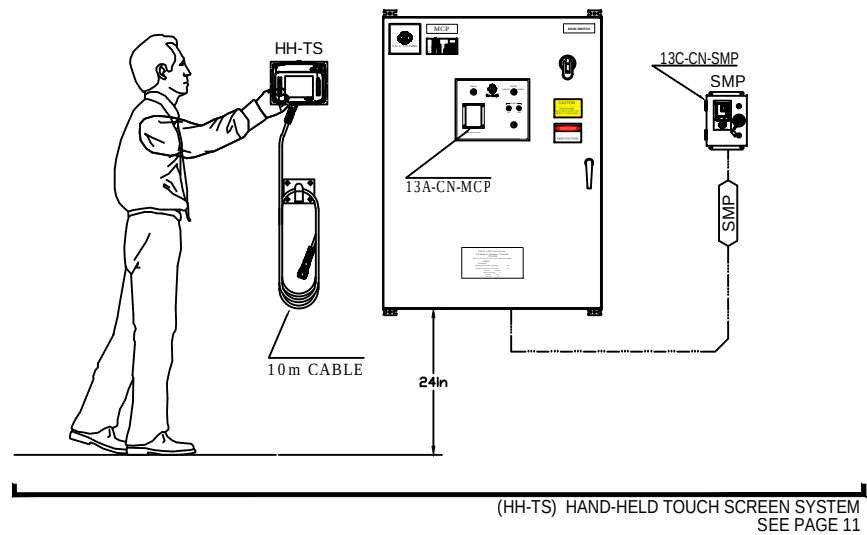
1	REMOVING EXTRA INPUT CARD ON PLC	2022-06-13	DGL
REV.	DESCRIPTION	DATE (YYYY-MM-DD)	BY

CHK.	APP.	PREPARED BY:	 GALA SYSTEMS SM	PROJECT CHESTERTON,IN CHESTERTON HIGHSCHOOL					
	 Johnny Nardelli 2022.06.13 15:36:00-04'00'			 GALA SYSTEMS 2022.06.13 15:37:55 04'00'		TITLE CABLE DRAWING INDEX			
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			PREPARED BY S.T.FERRAND P.ENG.	CHK.	APP.	DRAWING NO. 101-12249-825		PAGE 01 / 11	



1	REMOVING EXTRA INPUT CARD ON PLC	2022-06-13	DGL
REV.	DESCRIPTION	DATE (YYYY-MM-DD)	BY

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DRAWN BY D.G.-LEBREUX,P.ENG	DATE (YYYY-MM-DD) 2022-04-20	SCALE N/A	SIZE B	REVISION 1
PREPARED BY S.T.FERRAND P.ENG.	CHK.	APP.	DRAWING NO. 101-12249-825	PAGE 02 / 11



1	REMOVING EXTRA INPUT CARD ON PLC	2022-06-13	DGL
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DRAWN BY D.G.-LEBREUX,P.ENG		DATE (YYYY-MM-DD) 2022-04-20		SCALE N/A	SIZE B	REVISION 1	
PREPARED BY S.T.FERRAND P.ENG.		CHK.	APP.	DRAWING NO. 101-12249-825		PAGE 03 / 11	

BY OTHERS

TB2

STUB-UP

BY OTHERS

QTY: 27

DESCRIPTION: 20 X 16AWG RED
2 X 16AWG BROWN
1 X 16AWG BLUE
2 X 16AWG PURPLE
1 X 14AWG GREEN

*** 3 TWISTED PAIRS
1 X 22AWG STRANDED
BELDEN CABLE #8777
OR EQUIVALENT

FROM: MCP

TO: TB2

CABLE DUCT: BY OTHERS (STUB-UP)

NOTE: ALL WIRES STRANDED
*** THIS CABLE MUST BE READILY
AVAILABLE ON SITE PRIOR
TO THE ELECTRICAL INSTALLATION.

FOR MORE DETAILS
SEE PAGE 9

DSW-A

STUB-UP

BY OTHERS

QTY: 10

DESCRIPTION: 3 X 10 AWG BLACK
1 X 10 AWG GREEN

6 X 14AWG BLACK

FROM: MCP

TO: DSW-A

CABLE DUCT: BY OTHERS (STUB-UP)

NOTE: ALL WIRES STRANDED

FOR MORE DETAILS
SEE PAGE 8

DSW-B

STUB-UP

BY OTHERS

QTY: 10

DESCRIPTION: 3 X 10 AWG BLACK
1 X 10 AWG GREEN

6 X 14AWG BLACK

FROM: MCP

TO: DSW-B

CABLE DUCT: BY OTHERS (STUB-UP)

NOTE: ALL WIRES STRANDED

FOR MORE DETAILS
SEE PAGE 8

SMP

BY OTHERS

QTY: 12

DESCRIPTION: 7 X 16AWG RED
1 X 16AWG BLUE
2 X 16AWG BROWN
1 X 14AWG GREEN
1 X CAT6 CABLE

FROM: MCP

TO: SMP

CABLE DUCT: BY OTHERS

NOTE: ALL WIRES STRANDED.

FOR MORE DETAILS
SEE PAGE 11

TW-...

BY OTHERS

QTY: 6

DESCRIPTION: 4 X 16AWG RED
1 X 16AWG BLUE

1 X 14AWG GREEN

FROM: MCP

TO: TW-...

CABLE DUCT: BY OTHERS

NOTE: ALL WIRES STRANDED

Wiring Diagram:
0V BLUE
RED HORN 736
RED BEAC 740
RED TW-...-SP1
RED TW-...-SP2
GROUND GREEN
7A-BEAC1 AMBER
7A-HORN1
24VDC
WIRE-NUT (MARRETTE)

SA-1

BY OTHERS

QTY: 7

DESCRIPTION: 5 X 16AWG RED
1 X 16AWG BLUE

1 X 14AWG GREEN

FROM: MCP

TO: SA-1

CABLE DUCT: BY OTHERS

NOTE: ALL WIRES STRANDED

SA-1

FIRST STATIC ASTRAGAL

Wiring Diagram:
0V BLUE
RED 703
RED 703A+
RED 703A-
RED SA-1-SP1
RED SA-1-SP2
GROUND GREEN
WIRE-NUT (MARRETTE)
24VDC

SA-...

BY OTHERS

QTY: 7

DESCRIPTION: 5 X 16AWG RED
1 X 16AWG BLUE

1 X 14AWG GREEN

FROM: MCP

TO: SA-...

CABLE DUCT: BY OTHERS

NOTE: ALL WIRES STRANDED

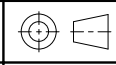
SA-...

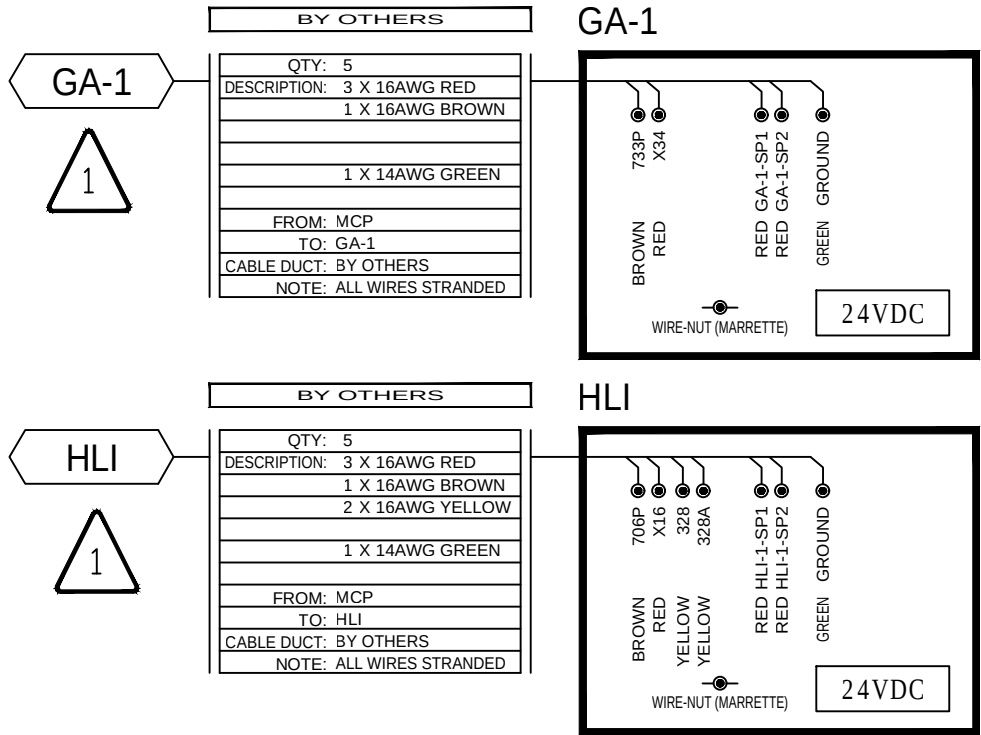
LAST STATIC ASTRAGAL

Wiring Diagram:
703...+ RED
703...- RED
703+ RED
703- RED
RED SA-...-SP1
BLUE SA-...-SP2
GROUND GREEN
WIRE-NUT (MARRETTE)
24VDC

ADD JUNCTIONS IN SERIES AS NEEDED ON SITE
FINISH WITH THE LAST STATIC ASTRAGAL
WITH NUMBER (703+ & 703-)
DRAWING 101-12249-820 PAGE 7A

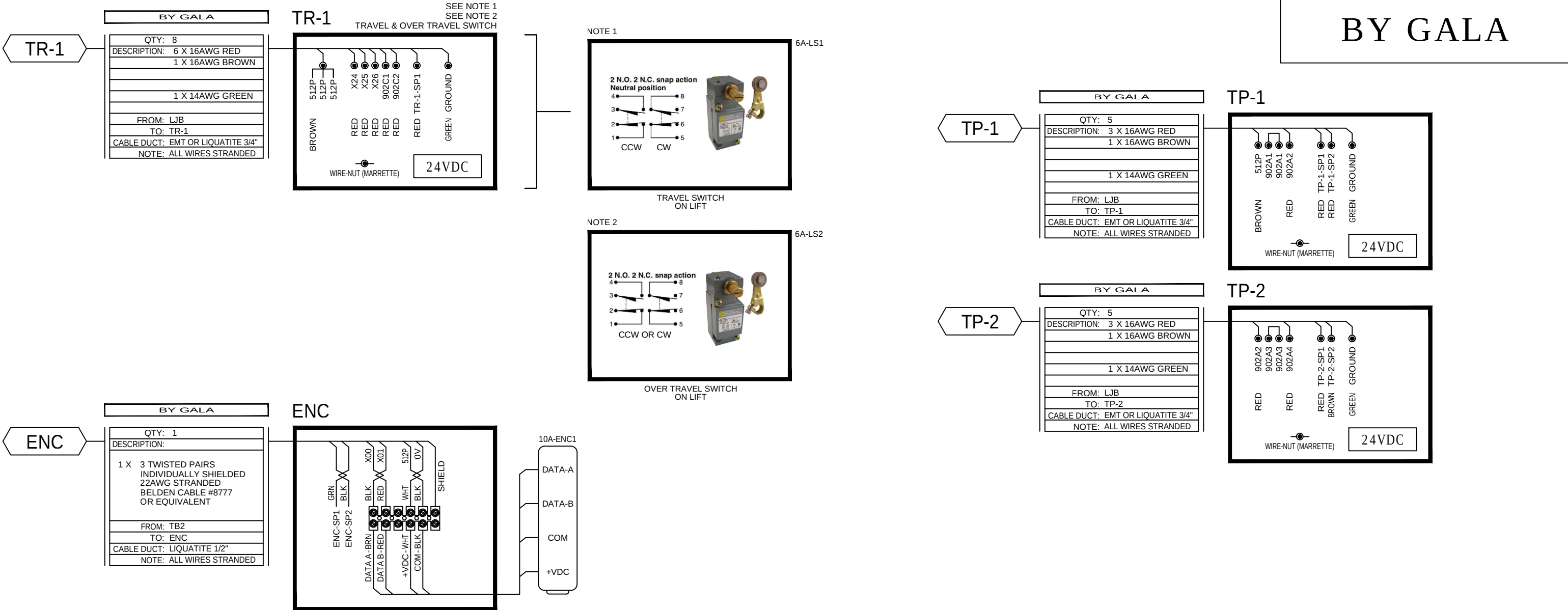
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REV.	DESCRIPTION	DATE (YYYY-MM-DD)	BY

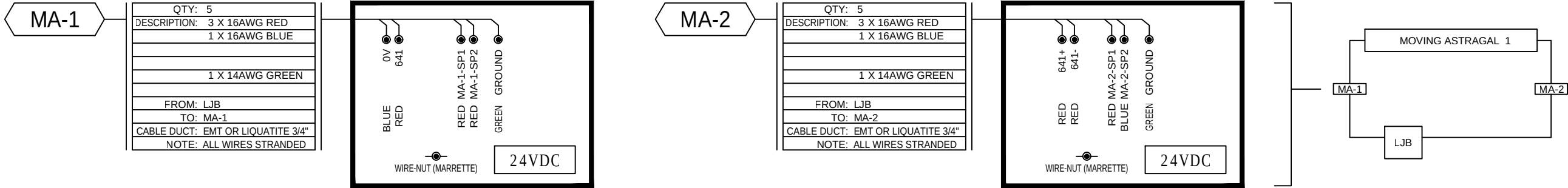
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DRAWN BY D.G.-LEBREUX,P.ENG		DATE (YYYY-MM-DD) 2022-04-20	 SCALE N/A	SIZE B
PREPARED BY S.T.FERRAND P.ENG.		CHK.	APP.	REVISION 1
DRAWING NO. 101-12249-825			PAGE 04 / 11	



1	REMOVING EXTRA INPUT CARD ON PLC	2022-06-13	DGL
REV.	DESCRIPTION	DATE (YYYY-MM-DD)	BY

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				TITLE CABLE DISTRIBUTION BY OTHERS					
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				PREPARED BY S.T.FERRAND P.ENG.	CHK.	APP.	DRAWING NO. 101-12249-825		PAGE 05 / 11





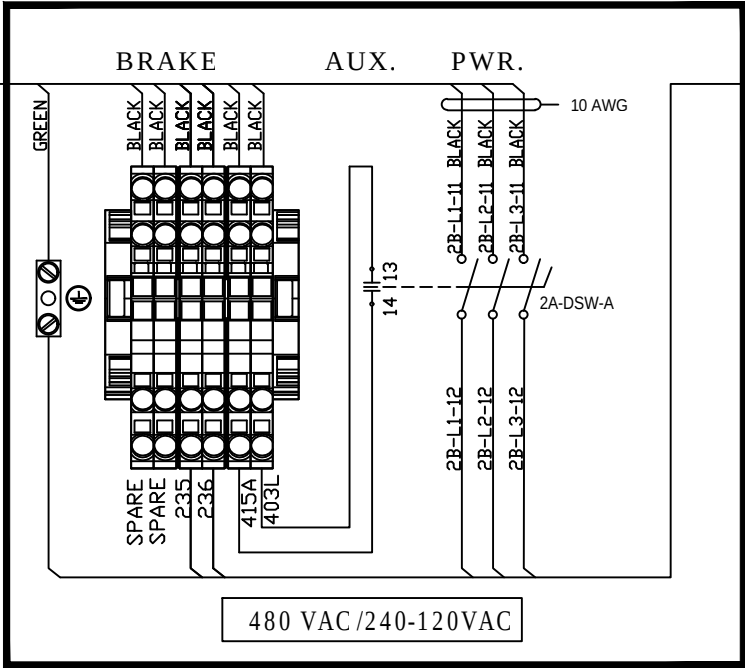
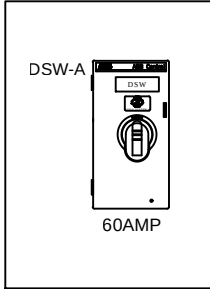
1	REMOVING EXTRA INPUT CARD ON PLC	2022-06-13	DGL
REV.	DESCRIPTION	DATE (YYYY-MM-DD)	BY

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PREPARED BY S.T.FERRAND P.ENG.		CHK.	APP.	DRAWING NO. 101-12249-825		PAGE 07 / 11		

DSW-A

DSW-A
STUB-UP

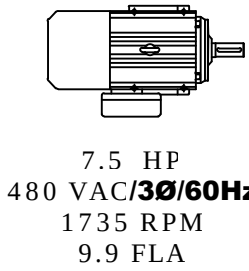
BY OTHERS	
QTY:	10
DESCRIPTION:	3 X 10 AWG BLACK 1 X 10 AWG GREEN
	6 X 14AWG BLACK
FROM:	MCP
TO:	DSW-A
CABLE DUCT:	BY OTHERS (STUB-UP)
NOTE:	ALL WIRES STRANDED



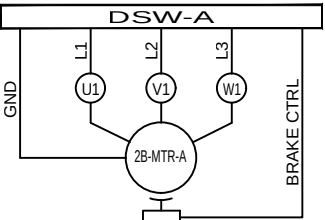
MTR-A

BY GALA	
QTY:	8
DESCRIPTION:	3 X 10 AWG BLACK 1 X 10 AWG GREEN
	2 X 14AWG BLACK
FROM:	DSW-A
TO:	2B-MTR-A
CABLE DUCT:	LIQUATITE 3/4"
NOTE:	ALL WIRES STRANDED

2B-MTR-A



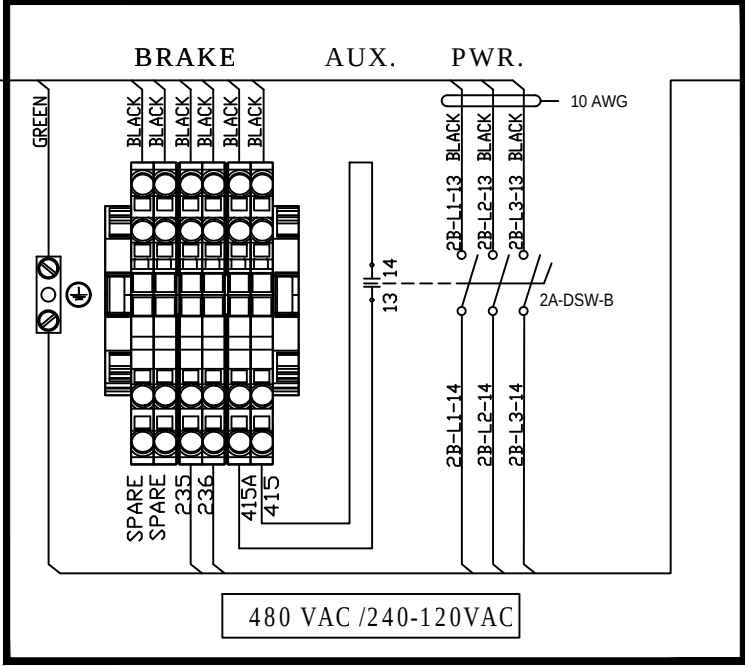
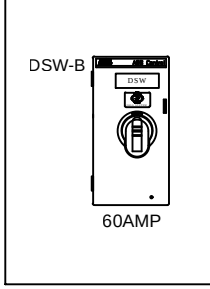
SPIRALIFT MOTOR



DSW-B

DSW-B
STUB-UP

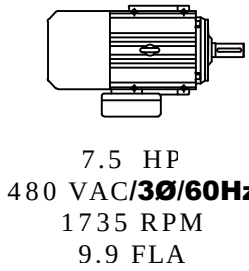
BY OTHERS	
QTY:	10
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	6 X 14AWG BLACK
FROM:	MCP
TO:	DSW-B
CABLE DUCT:	BY OTHERS (STUB-UP)
NOTE:	ALL WIRES STRANDED



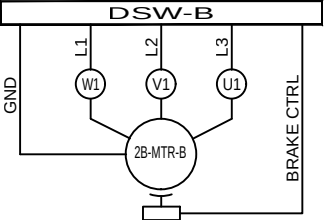
MTR-B

BY GALA	
QTY:	8
DESCRIPTION:	3 X 10 AWG BLACK 1 X 10 AWG GREEN
	2 X 14AWG BLACK
FROM:	DSW-B
TO:	2B-MTR-B
CABLE DUCT:	LIQUATITE 3/4"
NOTE:	ALL WIRES STRANDED

2B-MTR-B



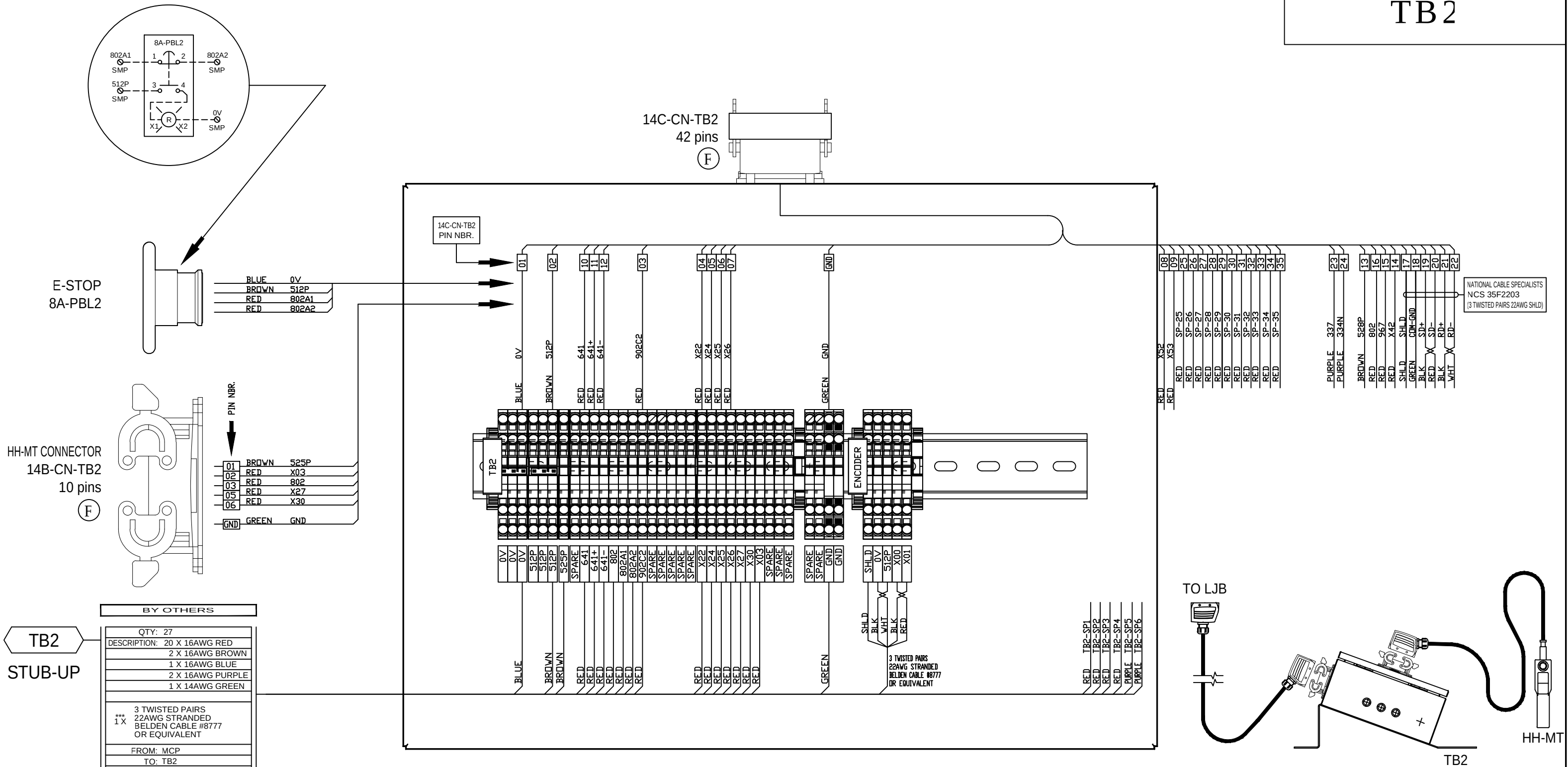
SPIRALIFT MOTOR



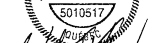
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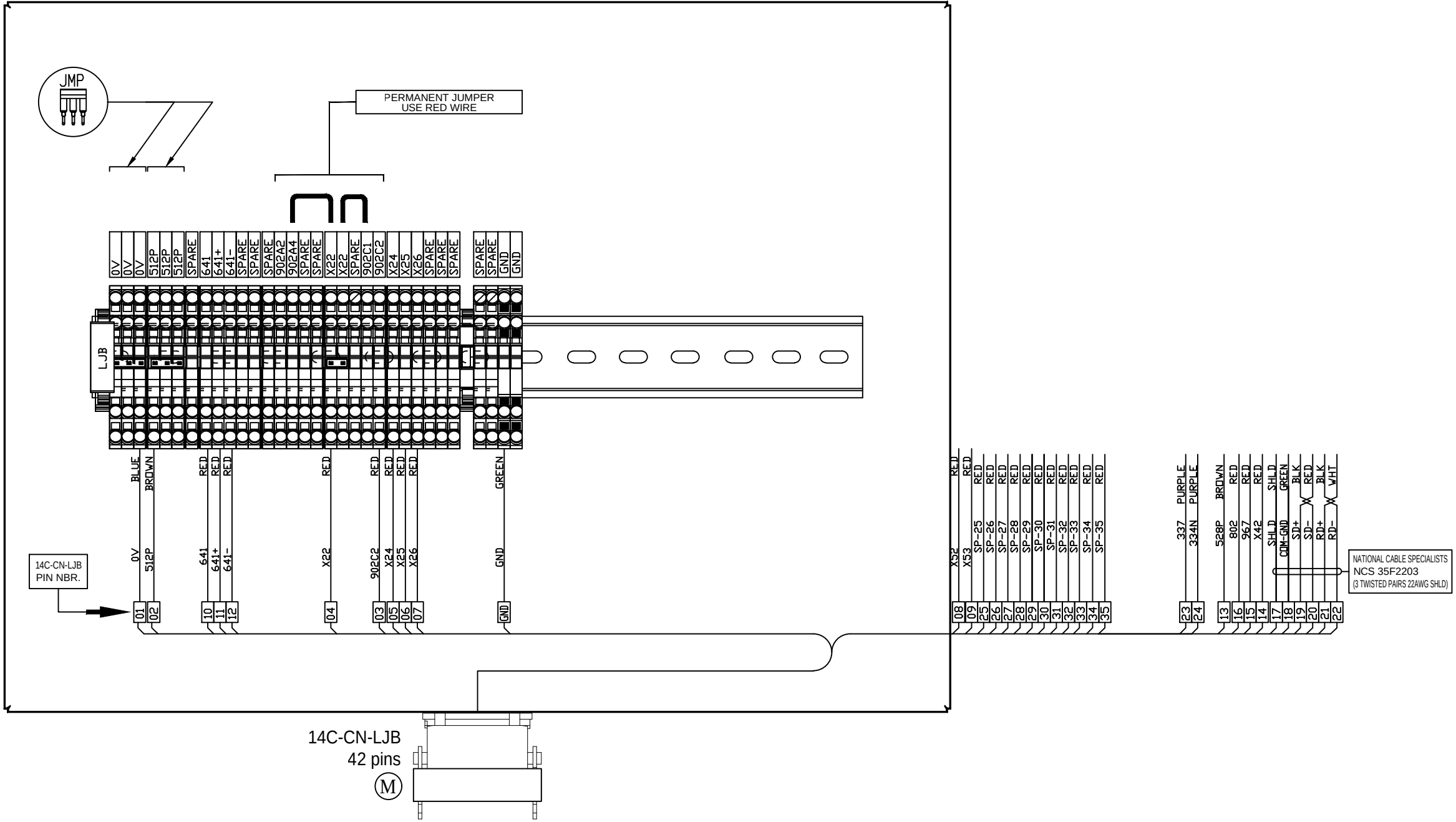
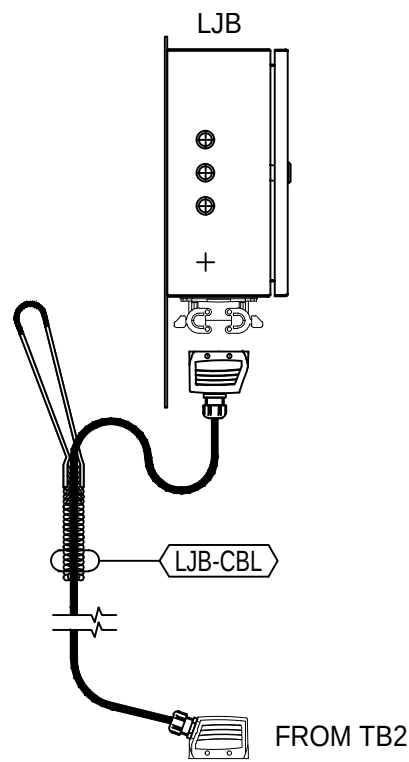
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DRAWN BY D.G.-LEBREUX,P.ENG		DATE (YYYY-MM-DD) 2022-04-20	SCALE N/A	SIZE B
PREPARED BY S.T.FERRAND P.ENG.		CHK.	APP.	DRAWING NO. 101-12249-825
				REVISION 1
				PAGE 08 / 11

TB 2



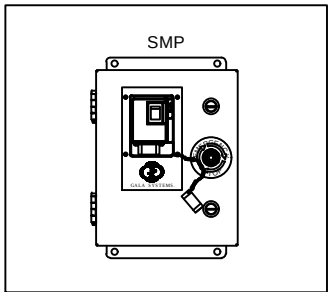
1	REMOVING EXTRA INPUT CARD ON PLC	2022-06-13	DGL
REV.	DESCRIPTION	DATE (YYYY-MM-DD)	BY

CHK.	APP.	PREPARED BY: MEMBER - EX-100 Syden Truchon-Ferrand S010517 REVISED 	 GALA SYSTEMS[™]	PROJECT CHESTERTON,IN CHESTERTON HIGHSCHOOL				
				TITLE CONTROL DIAGRAM TB2				
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			PREPARED BY S.T.FERRAND P.ENG.	CHK.	APP.	DRAWING NO. 101-12249-825	PAGE 09 / 11	



1	REMOVING EXTRA INPUT CARD ON PLC	2022-06-13	DGL
REV.	DESCRIPTION	DATE (YYYY-MM-DD)	BY

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DRAWN BY D.G.-LEBREUX,P.ENG	DATE (YYYY-MM-DD) 2022-04-20	SCALE N/A	SIZE B	REVISION 1
PREPARED BY S.T.FERRAND P.ENG.	CHK.	APP.	DRAWING NO. 101-12249-825	PAGE 10 / 11



CHK.	APP.	PREPARED BY: 	 GALA SYSTEMS™	PROJECT CHESTERTON,IN CHESTERTON HIGHSCHOOL					
				TITLE STATION FOR HAND-HELD (HH-TS) - CONTROL DIAGRAM					
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			PREPARED BY S.T.FERRAND P.ENG.	CHK.	APP.	DRAWING NO. 101-12249-825		PAGE 11 / 11	