

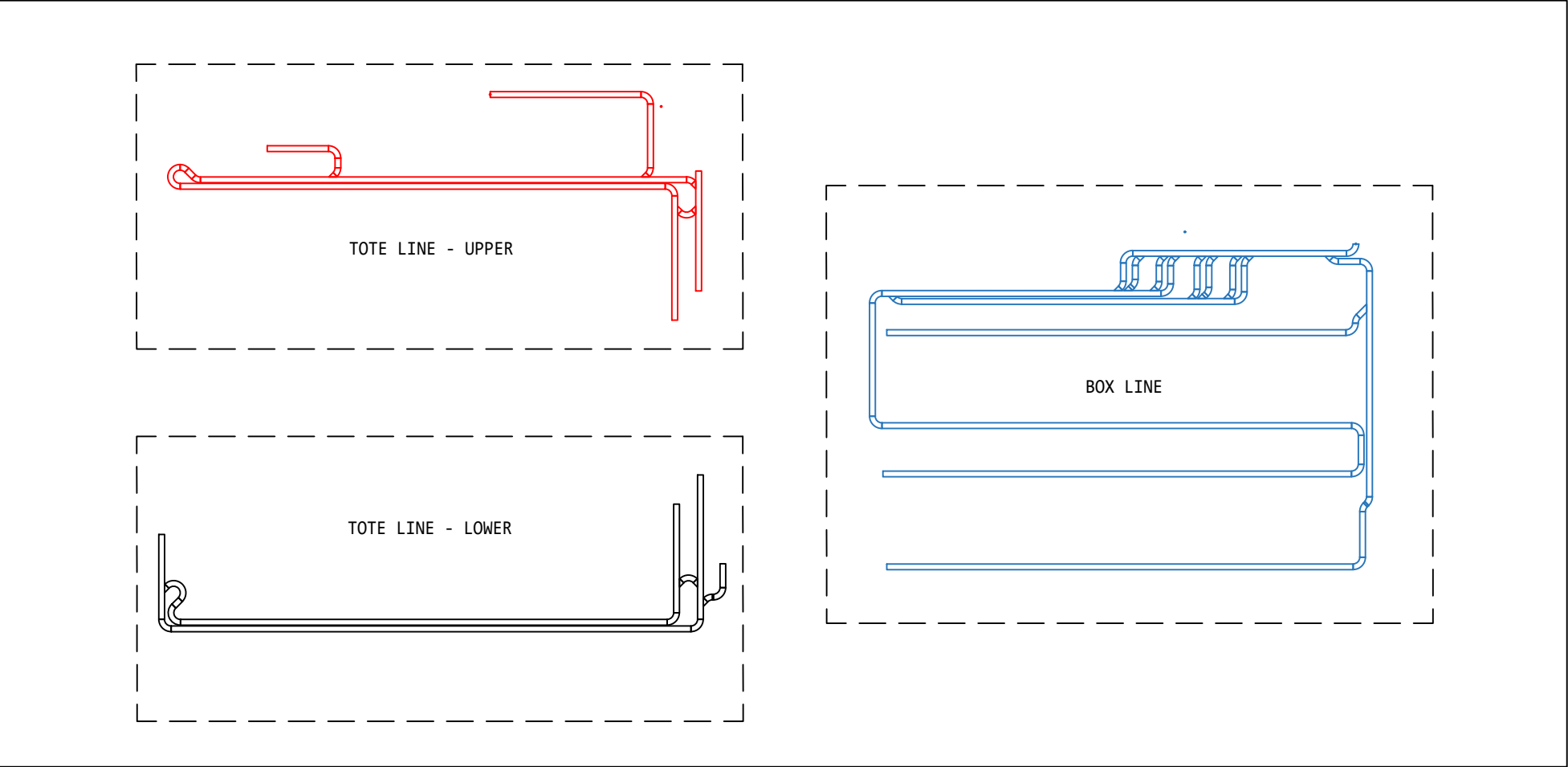
EVAN FACILITY CONVEYANCE -

ZONE4

INTERCONNECT DRAWING PACKAGE


BERKSHIRE GREY

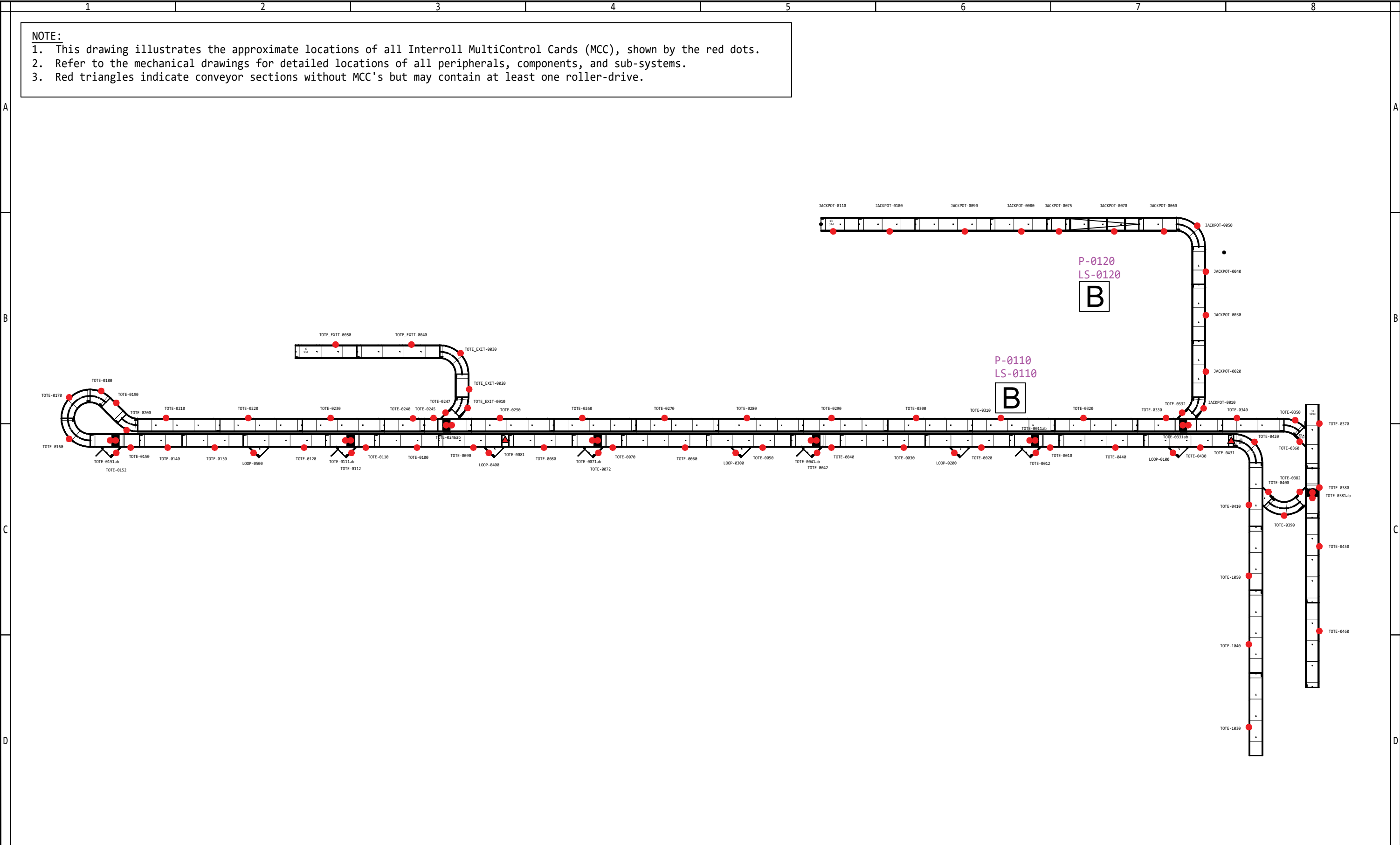
ZONE INFORMATION		
The EVAN facility conveyance interconnect information is divided into four zones - parsed by conveyor sections, which may include a combination of BOX LINES and TOTE LINES, and by connection type.		
ZONE PARAMETERS		
Zone	Facility Conveyance	Connection Type
1	BOX and TOTE LINES - Upper Sections	FPP AC, MCC AUX, MCC LOGIC
2	BOX and TOTE LINES - Mid Sections	FPP AC, MCC AUX, MCC LOGIC
3	BOX and TOTE LINES - Lower Sections	FPP AC, MCC AUX, MCC LOGIC
4	TOTE LINE - Upper and Lower, and BOX LINE	MCC COMMS



FILENAME	SH	REV	DWGDESC
EVAN-Z4-I	I	-	TITLE SHEET
EVAN-Z4-II	II	-	NOTES
EVAN-Z4-00	00		EVAN FACILITY CONVEY ZONE4 - MCC - TOTE LINE UPPER
EVAN-Z4-01	01		EVAN FACILITY CONVEY ZONE4 - MCC - TOTE LINE LOWER
EVAN-Z4-02	02		EVAN FACILITY CONVEY ZONE4 - MCC - BOX LINE
EVAN-Z4-70	70		SECTION - COMMUNICATION
EVAN-Z4-71	71		EVAN FACILITY CONVEY ZONE4 - COMM - TOTE UPPER
EVAN-Z4-72	72		EVAN FACILITY CONVEY ZONE4 - COMM - TOTE LOWER
EVAN-Z4-73	73		EVAN FACILITY CONVEY ZONE4 - COMM - BOX
EVAN-Z4-90	90		SECTION - ADDITIONAL INFORMATION
EVAN-Z4-92	92		RAT-HPD CABLE ASSEMBLY V2
EVAN-Z4-93	93		SAFETY ZONE - PULL CORD DEVICE WIRING DETAIL - SINGLE
EVAN-Z4-94	94		SAFETY ZONE - PULL CORD DEVICE WIRING DETAIL - DUAL
EVAN-Z4-95	95		BRAKE ROLLER CONNECTIONS
EVAN-Z4-100	100		EVAN FACILITY CONVEY ZONE4 - TERMINATIONS

DRAWING PACKAGE NOTES			
1)	THIS DRAWING PACKAGE IS REPRESENTATIVE OF THE SYSTEM AS IT WAS INSTALLED. ALL FIELD CHANGES MADE AFTER INSTALLATION MAY NOT BE REFLECTED IN THIS DRAWING SET.		
2)	DRAWING PACKAGE CONTAINS WIRING FROM SEVERAL DIFFERENT MACHINE COMPONENTS.		

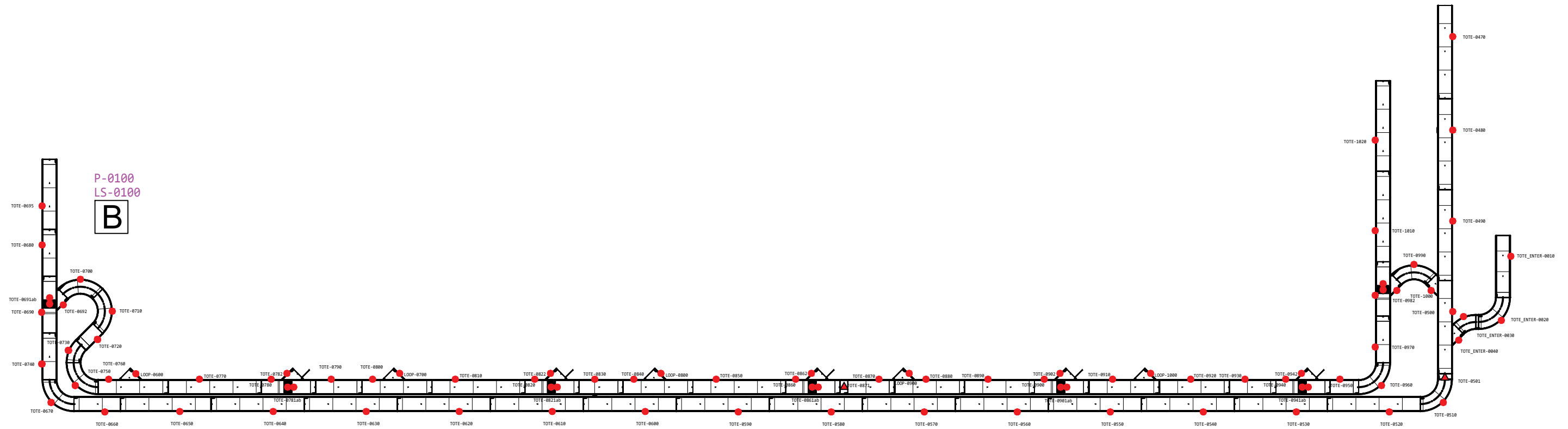
C				 BERKSHIRE GREY 140 SOUTH ROAD BEDFORD, MA 01730	THIS DRAWING IS THE PROPERTY OF BERKSHIRE GREY INC. NEITHER THE DRAWING, NOR INFORMATION DERIVED FROM IT IS TO BE GIVEN TO OTHERS. NO USE IS TO BE MADE OF IT WHICH IS OR MAY BE INJURIOUS TO BERKSHIRE GREY.	DATE	09/22/2020	RPS/SPS INTERCONNECT DRAWING PACKAGE TITLE SHEET	REV	SECT.	DETAIL	JOB#	RPS/SPS
B						SCALE	NTS			PREV.			
A						DRAWN	MC		E01	SHEET	I	DWG	EVAN-Z4-I
REV	DATE	ENGR.	DESCRIPTION			APPROVED				NEXT	II		



C				<div><div>BG</div><div>BERKSHIRE GREY</div><div>140 SOUTH ROAD BEDFORD, MA 01730</div></div>	THIS DRAWING IS THE PROPERTY OF BERKSHIRE GREY INC. NEITHER THE DRAWING, NOR INFORMATION DERIVED FROM IT IS TO BE GIVEN TO OTHERS. NO USE IS TO BE MADE OF IT WHICH IS OR MAY BE INJURIOUS TO BERKSHIRE GREY.	DATE	04/29/2021	RPS/SPS INTERCONNECT DRAWING PACKAGE EVAN FACILITY CONVEY ZONE4 - MCC - TOTE LINE UPPER	REV	SECT.	DETAIL	JOB# RPS/SPS DWG EVAN-Z4-00
B						SCALE	N/A			PREV.	II	
A						DRAWN	MC			SHEET	00	
REV	DATE	ENGR.	DESCRIPTION			APPROVED				NEXT	01	

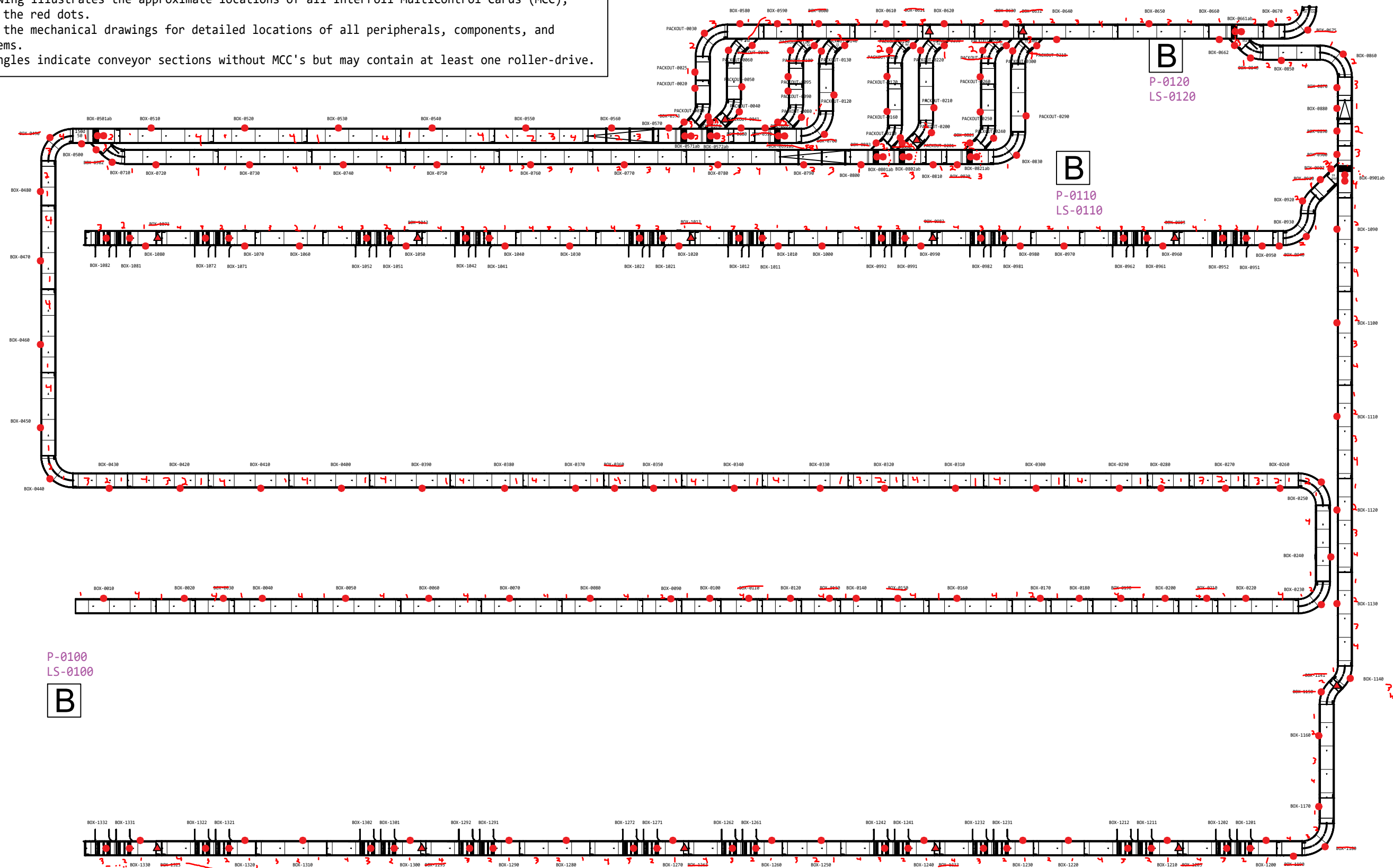
NOTE:

1. This drawing illustrates the approximate locations of all Interroll MultiControl Cards (MCC), shown by the red dots.
2. Refer to the mechanical drawings for detailed locations of all peripherals, components, and sub-systems.
3. Red triangles indicate conveyor sections without MCC's but may contain at least one roller-drive.



C				<div><div>BG</div><div>BERKSHIRE GREY</div><div>140 SOUTH ROAD BEDFORD, MA 01730</div></div> <div>THIS DRAWING IS THE PROPERTY OF BERKSHIRE GREY INC. NEITHER THE DRAWING, NOR INFORMATION DERIVED FROM IT IS TO BE GIVEN TO OTHERS. NO USE IS TO BE MADE OF IT WHICH IS OR MAY BE INJURIOUS TO BERKSHIRE GREY.</div>	DATE	04/29/2021	RPS/SPS INTERCONNECT DRAWING PACKAGE EVAN FACILITY CONVEY ZONE4 - MCC - TOTE LINE LOWER	REV	SECT.	DETAIL	JOB#	RPS/SPS
B					SCALE	N/A		E01	PREV.	00	DWG	EVAN-Z4-01
A					DRAWN	MC			SHEET	01		
REV	DATE	ENGR.	DESCRIPTION		APPROVED				NEXT	02		

1. This drawing illustrates the approximate locations of all Interroll MultiControl Cards (MCC), shown by the red dots.
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B					SCALE	N/A			PREV.	01		
A					DRAWN	MC			SHEET	02		
REV	DATE	ENGR.	DESCRIPTION		APPROVED				NEXT	70		

	1	2	3	4	5	6	7	8	
A									A
B									B
C									C
D									D

C

B

A

REV

DATE

ENGR.

DESCRIPTION

BG

BERKSHIRE GREY

140 SOUTH ROAD
BEDFORD, MA 01730

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DRAWING, NOR INFORMATION DERIVED FROM
IT IS TO BE GIVEN TO OTHERS. NO USE IS
TO BE MADE OF IT WHICH IS OR MAY BE
INJURIOUS TO BERKSHIRE GREY.

DATE

04/29/2021

SCALE

N/A

DRAWN

MC

APPROVED

RPS/SPS
INTERCONNECT DRAWING PACKAGE
SECTION - COMMUNICATION

REV

E01

SECT.

PREV.

SHEET

NEXT

DETAIL

02

70

71

JOB#

RPS/SPS

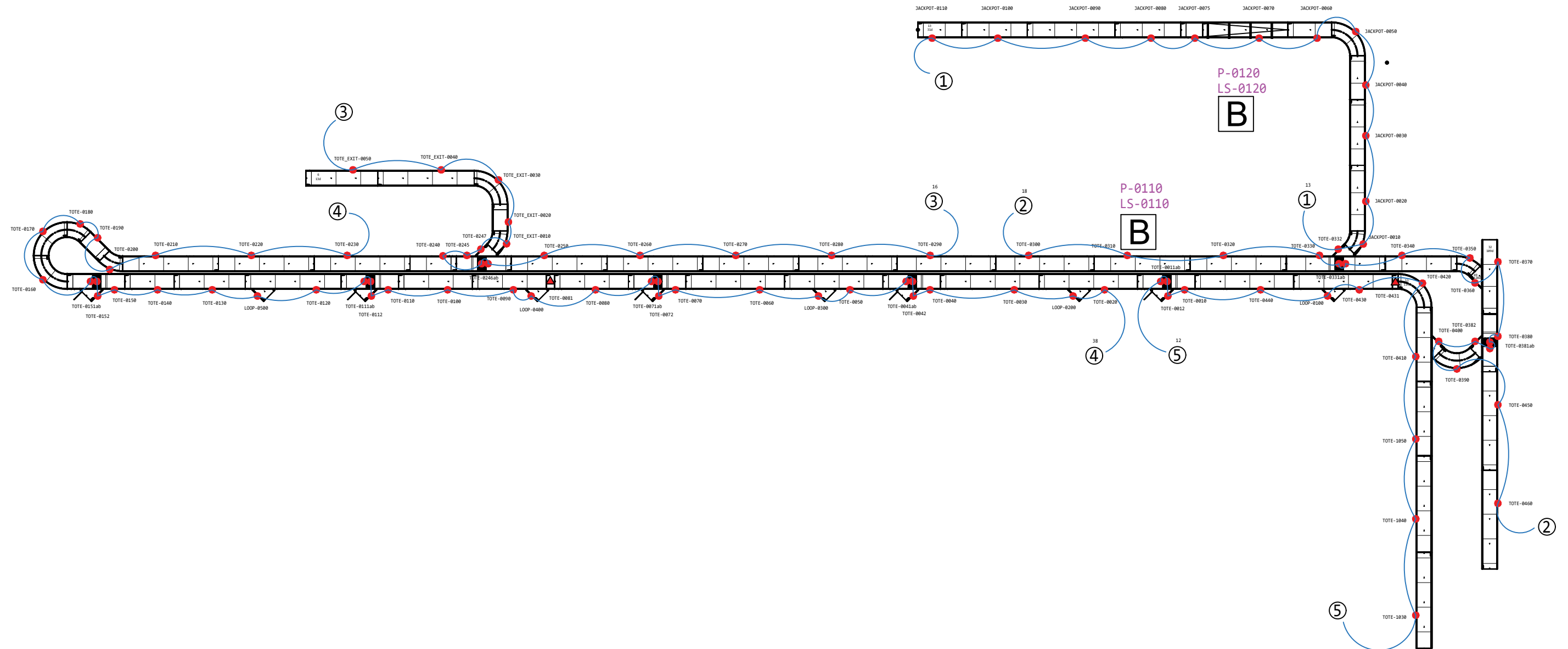
DWG

EVAN-Z4-70

SECTION COMMUNICATION

NOTE:

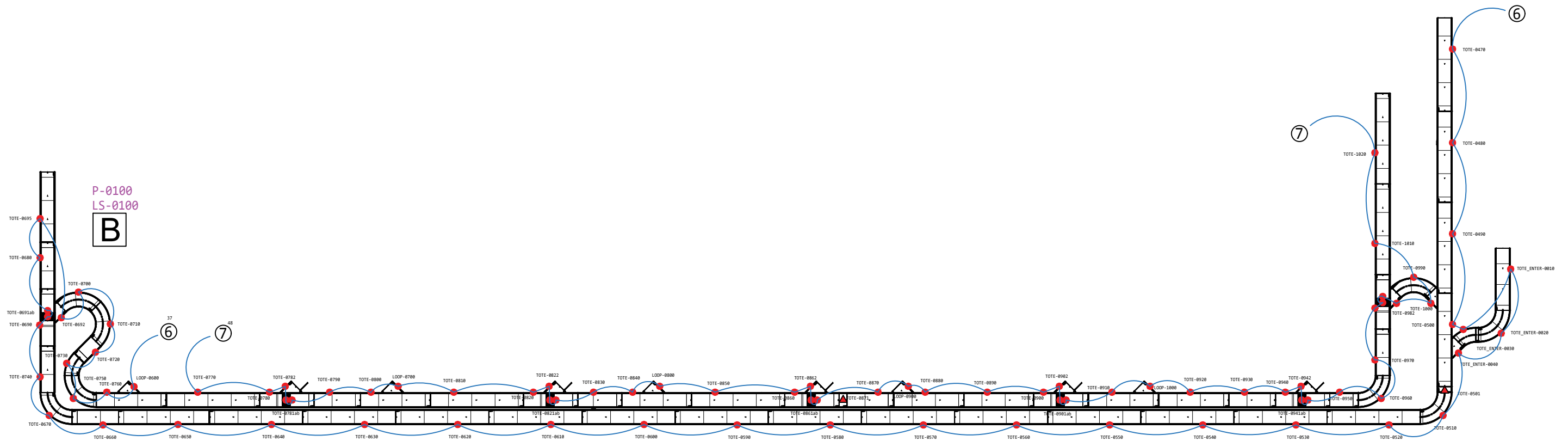
1. This drawing illustrates the communication interconnects for the Interroll MultiControl cards using a combination of MALE DCODE to MALE DCODE cables and MALE DCODE to RJ45 cables.
2. The suggested connection paths are separated into loops and each loop is shown separately on subsequent SHEETS.
3. MCC cable and termination information are available in the ADDITIONAL INFORMATION section.



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B					SCALE	N/A		PREV.	70				
A					DRAWN	MC		SHEET	71				
REV	DATE	ENGR.	DESCRIPTION		APPROVED			NEXT	72				
								E01				DWG	EVAN-Z4-71

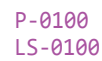
NOTE:

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B					SCALE	N/A			PREV.	71		
A					DRAWN	MC			SHEET	72		
REV	DATE	ENGR.	DESCRIPTION		APPROVED				E01	NEXT		

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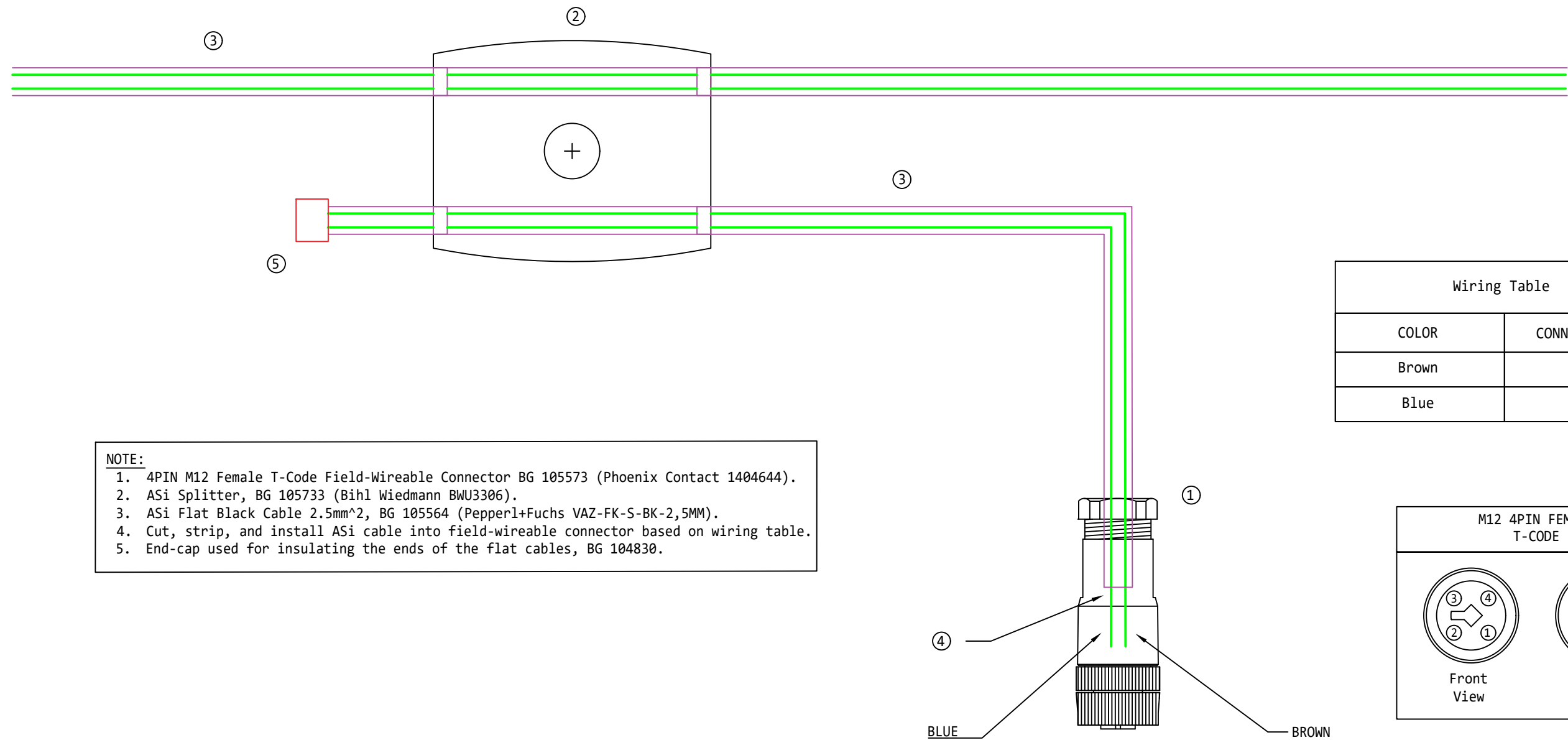


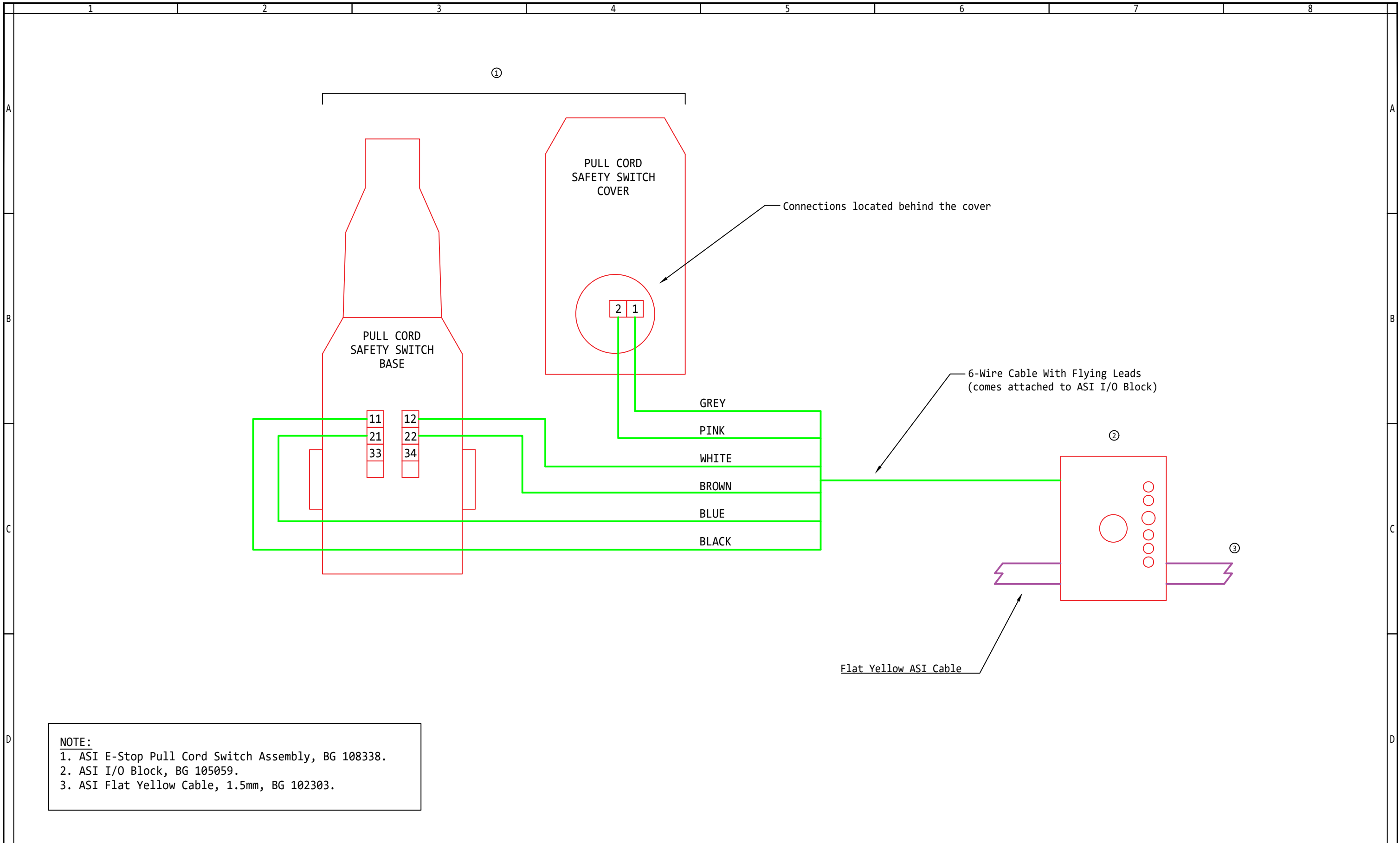
C				<div><div>BG</div><div>BERKSHIRE GREY</div><div>140 SOUTH ROAD BEDFORD, MA 01730</div></div> <div>THIS DRAWING IS THE PROPERTY OF BERKSHIRE GREY INC. NEITHER THE DRAWING, NOR INFORMATION DERIVED FROM IT IS TO BE GIVEN TO OTHERS. NO USE IS TO BE MADE OF IT WHICH IS OR MAY BE INJURIOUS TO BERKSHIRE GREY.</div>	DATE	04/29/2021	RPS/SPS INTERCONNECT DRAWING PACKAGE EVAN FACILITY CONVEY ZONE4 - COMM - BOX	REV	SECT.	DETAIL	JOB#	RPS/SPS
B					SCALE	N/A			PREV.	72		
A					DRAWN	MC			SHEET	73		
REV	DATE	ENGR.	DESCRIPTION		APPROVED				E01	NEXT		

SECTION
ADDITIONAL INFORMATION

C				<div><div>BG</div><div>BERKSHIRE GREY</div><div>140 SOUTH ROAD BEDFORD, MA 01730</div></div>	THIS DRAWING IS THE PROPERTY OF BERKSHIRE GREY INC. NEITHER THE DRAWING, NOR INFORMATION DERIVED FROM IT IS TO BE GIVEN TO OTHERS. NO USE IS TO BE MADE OF IT WHICH IS OR MAY BE INJURIOUS TO BERKSHIRE GREY.	DATE	04/29/2021	RPS/SPS INTERCONNECT DRAWING PACKAGE SECTION - ADDITIONAL INFORMATION	REV	SECT.	DETAIL	JOB#	RPS/SPS
B						SCALE	N/A			PREV.	73		
A						DRAWN	MC			SHEET	90		
REV	DATE	ENGR.	DESCRIPTION			APPROVED			E01	NEXT	92	DWG	EVAN-Z4-90

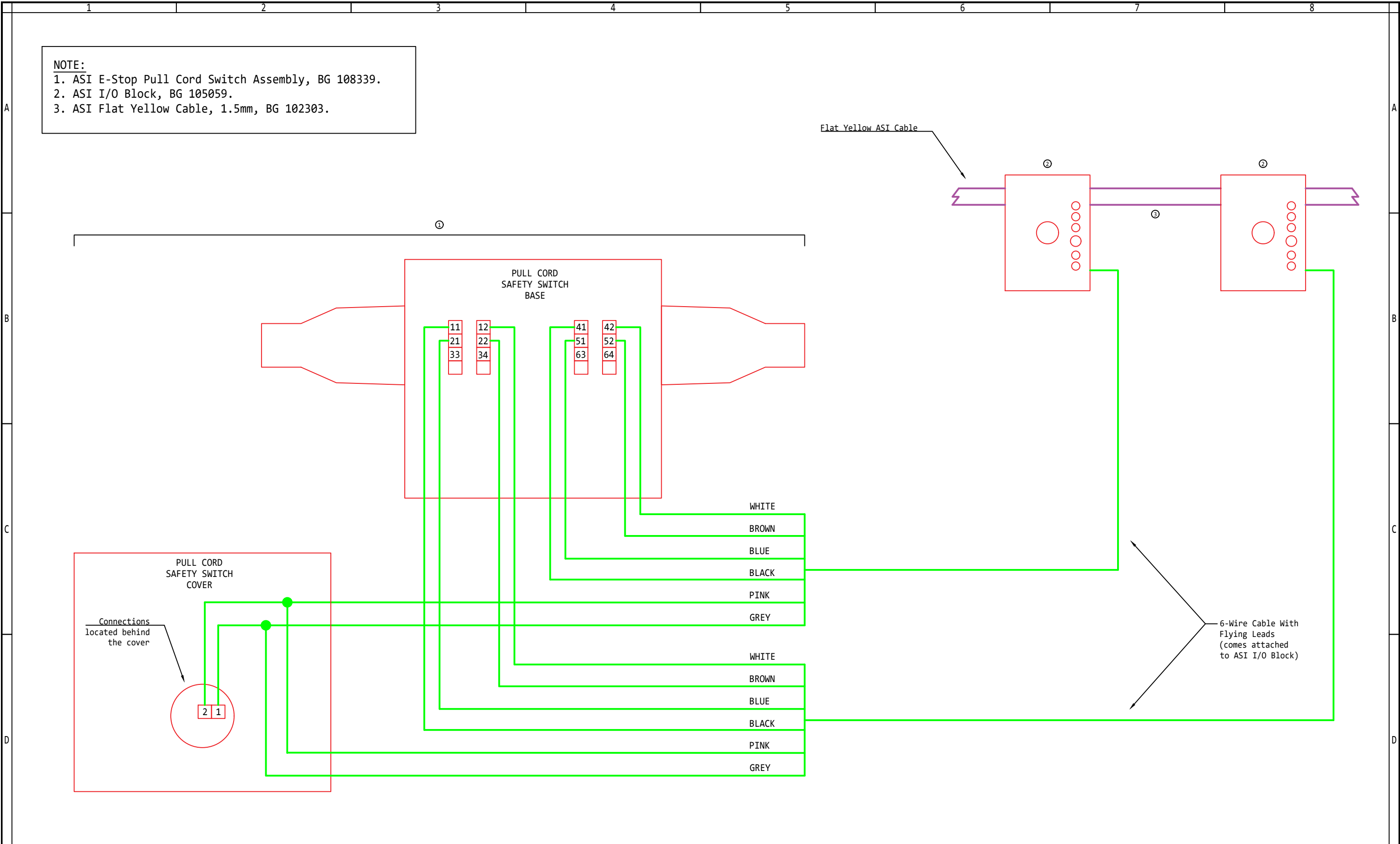
BALI RIGHT-ANGLE TRANSFER HPD CABLE ASSEMBLY V2



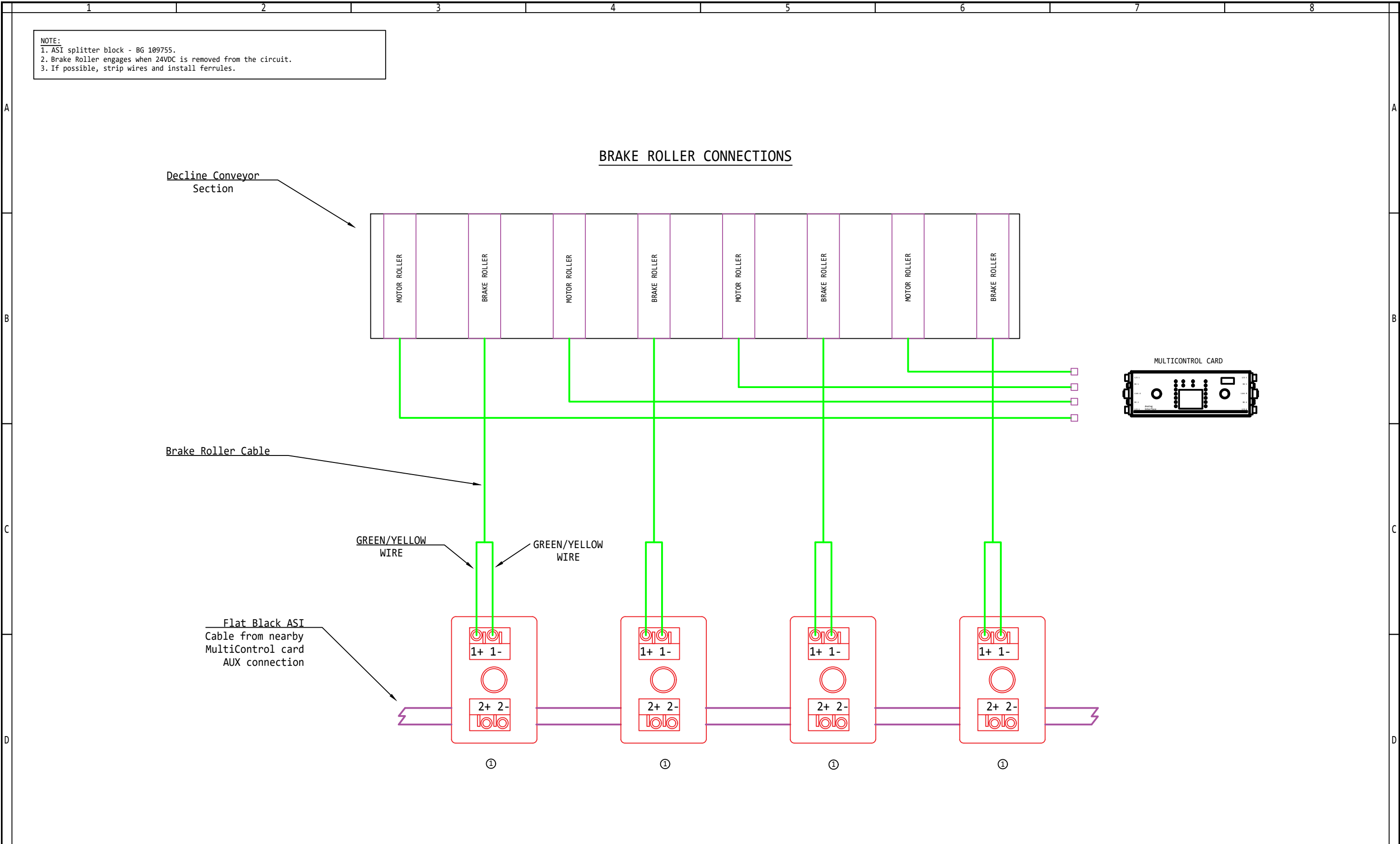



NOTE:
1. ASI E-Stop Pull Cord Switch Assembly, BG 108338.
2. ASI I/O Block, BG 105059.
3. ASI Flat Yellow Cable, 1.5mm, BG 102303.

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B					SCALE	N/A			PREV.	92		
A					DRAWN	MC		SHEET	93	DWG	EVAN-Z4-93	
REV	DATE	ENGR.	DESCRIPTION		APPROVED			NEXT	94			



C				<div><div><div>BG</div><div>BERKSHIRE GREY</div></div><div>140 SOUTH ROAD BEDFORD, MA 01730</div></div> <div>THIS DRAWING IS THE PROPERTY OF BERKSHIRE GREY INC. NEITHER THE DRAWING, NOR INFORMATION DERIVED FROM IT IS TO BE GIVEN TO OTHERS. NO USE IS TO BE MADE OF IT WHICH IS OR MAY BE INJURIOUS TO BERKSHIRE GREY.</div>	DATE	09/22/2020	RPS/SPS INTERCONNECT DRAWING PACKAGE SAFETY ZONE - PULL CORD DEVICE WIRING DETAIL - DUAL	REV	SECT.	DETAIL	JOB#	RPS/SPS
B					SCALE	N/A			PREV.	93		
A					DRAWN	MC			SHEET	94		
REV	DATE	ENGR.	DESCRIPTION		APPROVED				NEXT	95	DWG	EVAN-Z4-94



C				<div><div>BERKSHIRE GREY</div><div>140 SOUTH ROAD BEDFORD, MA 01730</div></div> <div>THIS DRAWING IS THE PROPERTY OF BERKSHIRE GREY INC. NEITHER THE DRAWING, NOR INFORMATION DERIVED FROM IT IS TO BE GIVEN TO OTHERS. NO USE IS TO BE MADE OF IT WHICH IS OR MAY BE INJURIOUS TO BERKSHIRE GREY.</div>	DATE	09/22/2020	RPS/SPS INTERCONNECT DRAWING PACKAGE BRAKE ROLLER CONNECTIONS	REV	SECT.	DETAIL	JOB#	RPS/SPS
B					SCALE	N/A			PREV.	94		
A					DRAWN	MC			SHEET	95		
REV	DATE	ENGR.	DESCRIPTION		APPROVED				E01	NEXT	100	DWG

