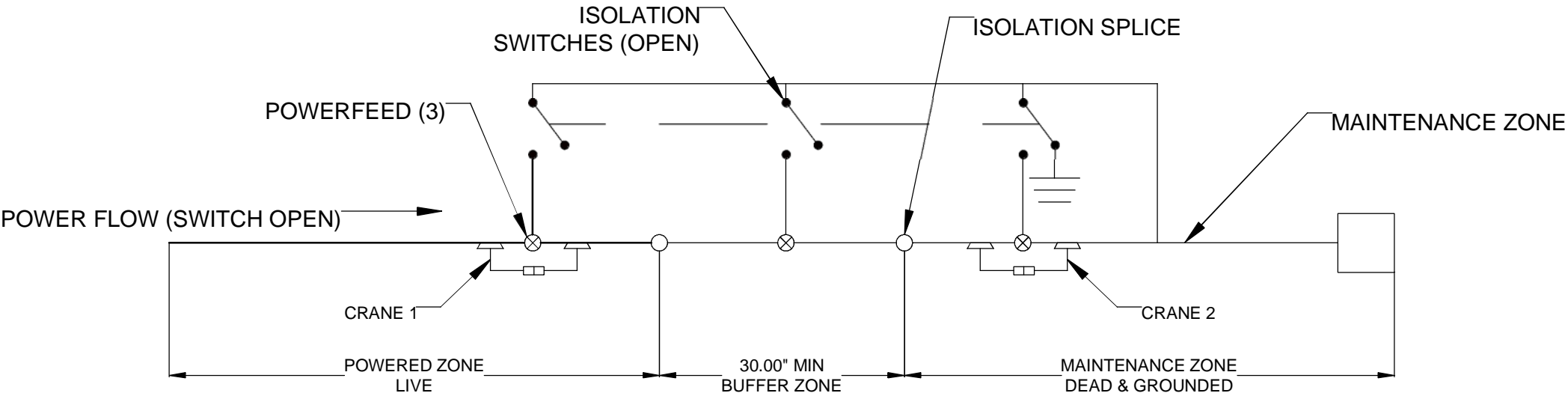



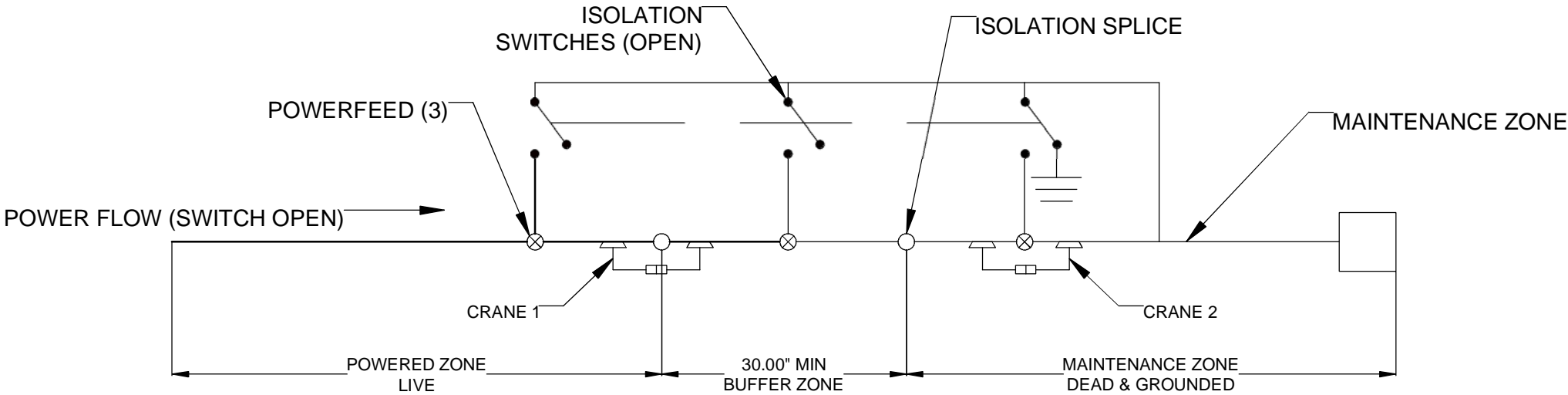
REV.	ECO NO.	REVISION DESCRIPTION	BY/DATE	APPD./DATE



Crane 2 is in the Maintenance Zone. The Isolation Switch is open and the Maintenance Zone is de-energized and grounded. The voltage indicator on the disconnect panel is unlit - indicating that the Maintenance Zone is de-energized. The Buffer Zone is de-energized but not grounded. Crane 1 is able to operate in the Powered Zone to the left of the Buffer Zone. It is safe to perform maintenance on Crane 2 while operating Crane 1.

MATERIAL:		ITEM		PART NO.		DESCRIPTION		QTY.	
FINISH:		BILL		OF		MATERIAL			
MATERIAL P/N:		PROD.:		PROJECT:		SALES NO.:			
This drawing and the information shown is unpublished confidential property of Conductix Inc. Subject to recall, and is loaned for use only in connection with the authorized manufacture or installation of Conductix Inc. products, and on the condition that it will be treated as confidential and will not be disclosed, published or reproduced in whole or in part, or diverted to other uses, without specific written permission.		10102 F Street Omaha, NE 68127-1181 800-521-4886				DRAWING TITLE: END MAINTENANCE BAY			
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE AS FOLLOWS: DECIMAL ANG. FRAC. .X = ±.060 ±1° ±1/16 .XX = ±.030 .XXX = ±.010 MINIMUM MACHINE SURFACE		ENGINEER: K FORMAN		10/11/13		SCALE: NTS		SHEET: 1 OF 4	
		DRAWN: M SALAZAR		10/11/13		DWG. SIZE: B		PART NO.: -----	
		CHECKED:						REV.:	
		APPROVED:							

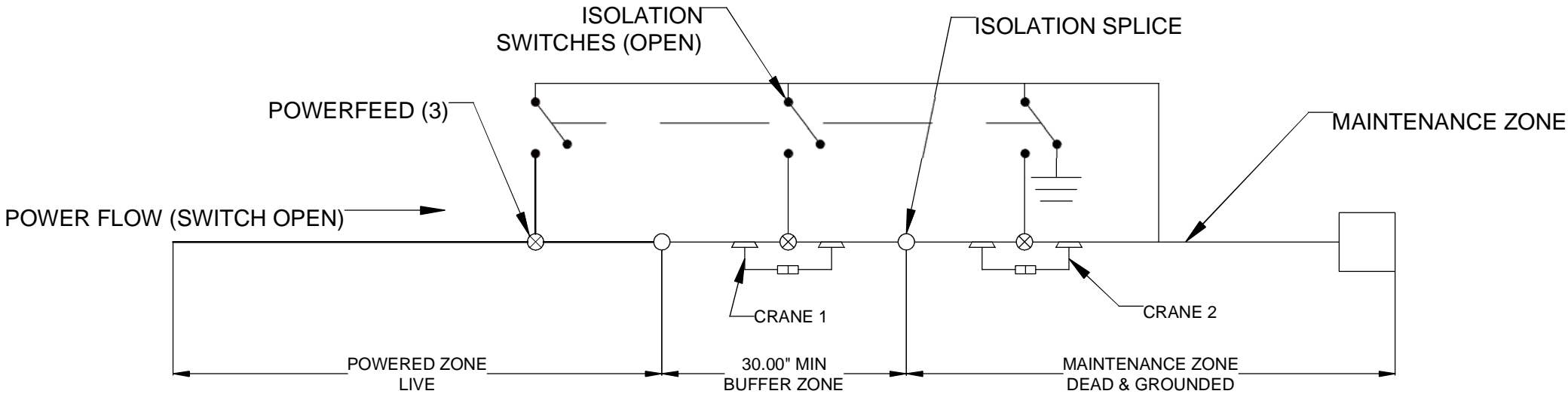
REV.	ECO NO.	REVISION DESCRIPTION	BY/DATE	APPD./DATE




Crane 1 has bridged the outer isolation splice in the power rail, energizing the Buffer Zone. The inner isolation splice (between the Buffer Zone and the Maintenance Zone) maintains the electrical isolation (protection) of the Maintenance Zone. It is still safe to perform work on Crane 2.

ITEM		PART NO.		DESCRIPTION		QTY.	
MATERIAL:		FINISH:		MATERIAL P/N:		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ARE AS FOLLOWS:	
10102 F Street Omaha, NE 68127-1181 800-521-4886		CONDUCTIX wampfler		10102 F Street Omaha, NE 68127-1181 800-521-4886		ENGINEER: K FORMAN 10/11/13	
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.X = ±.060 .XX = ±.030 .XXX = ±.010		ANG. ±1°		FRAC. ±1/16		SCALE: NTS	
MINIMUM MACHINE SURFACE		250		DWG. SIZE: B		SHEET: 2 OF 4	
						PART NO.: -----	
						REV.:	

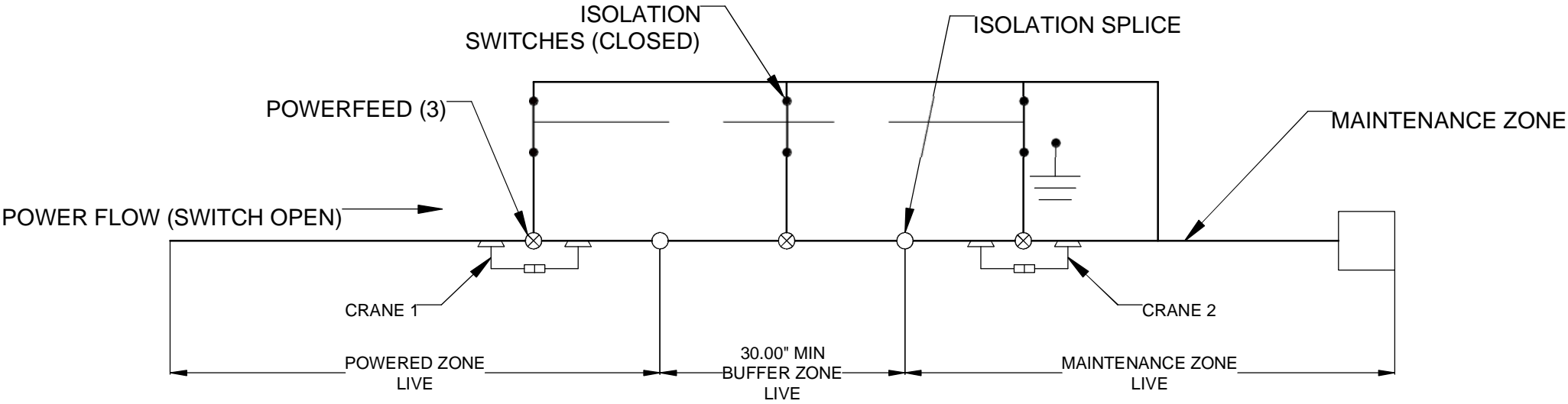
REV.	ECO NO.	REVISION DESCRIPTION	BY/DATE	APPD./DATE




Crane 1 has moved completely into the Buffer Zone. Because the length of the Buffer Zone is greater than the span of Crane 1's tandem collectors, it is unable to bridge power from the Powered Zone into the Maintenance Zone. The Buffer Zone and the Maintenance Bay remain de-energized. It is still safe to perform work on Crane 2.

		ITEM	PART NO.	DESCRIPTION				QTY.			
				BILL OF MATERIAL							
MATERIAL:		<div><p>10102 F Street Omaha, NE 68127-1181 800-521-4886</p></div>		PROD.:		PROJECT:		SALES NO.:			
FINISH:				DRAWING TITLE: END MAINTENANCE BAY							
MATERIAL P/N:											
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				DRAWN: M SALAZAR		10/11/13		DWG. SIZE:	PART NO.:		REV.:
				CHECKED:				B		-----	
				APPROVED:							

REV.	ECO NO.	REVISION DESCRIPTION	BY/DATE	APPD./DATE



Maintenance on Crane 2 is completed and the disconnect switch is closed. All sections are energized and normal crane operation is restored. The voltage indicator on the disconnect switch enclosure shows the Maintenance Zone to be energized.

		ITEM	PART NO.	DESCRIPTION				QTY.					
		BILL OF MATERIAL											
MATERIAL:		<div><div>10102 F Street Omaha, NE 68127-1181 800-521-4886</div></div>				PROD.:		PROJECT:		SALES NO.:			
FINISH:						DRAWING TITLE: END MAINTENANCE BAY							
MATERIAL P/N:													
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				DRAWN: M SALAZAR		10/11/13		DWG. SIZE:		PART NO.:		REV.:	
				CHECKED:				B		-----			
				APPROVED:									