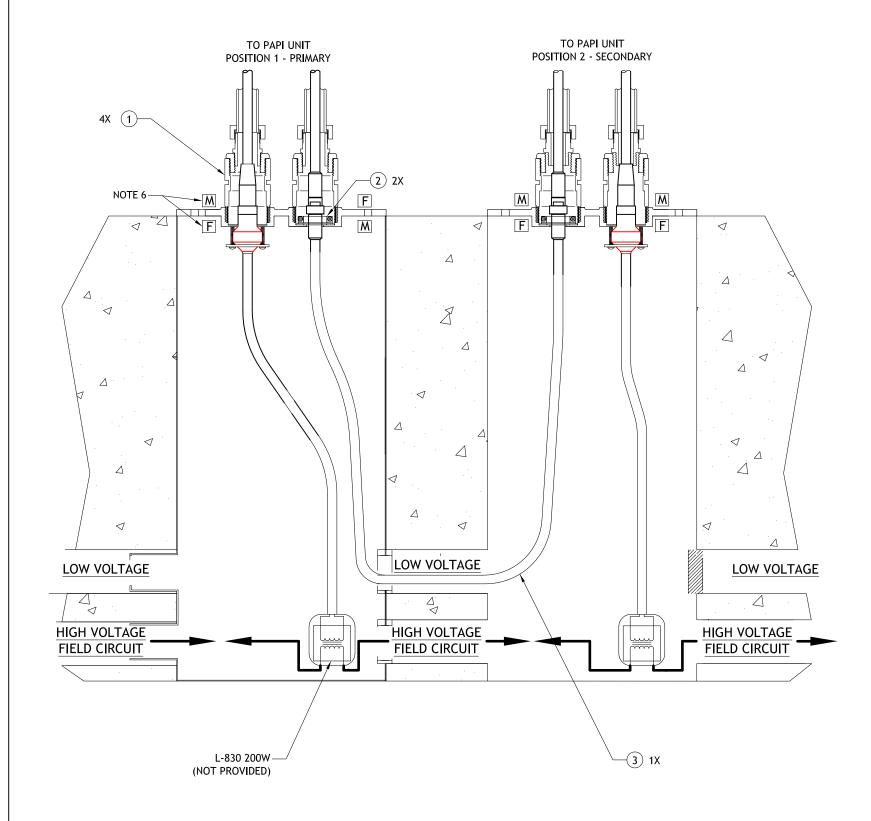
4-BOX PAPI B CURRENT DRIVEN FIELD INSTALLATION (NON-REDUNDANT) TO PAPI UNIT TO PAPI UNIT TO PAPI UNIT TO PAPI UNIT POSITION 1 - PRIMARY **POSITION 2 - SECONDARY** POSITION 3 - SECONDARY POSITION 4 (END) - SECONDARY 10X (1) NOTE 6 Δ \triangleleft Δ \triangle 4 \triangleleft \triangleleft Δ 4 Δ Δ \triangleleft \triangleleft \triangleleft \triangle 1 1 4 Δ \triangleleft LOW VOLTAGE LOW VOLTAGE LOW VOLTAGE LOW VOLTAGE LOW VOLTAGE \triangleleft HIGH VOLTAGE HIGH VOLTAGE HIGH VOLTAGE HIGH VOLTAGE HIGH VOLTAGE FIELD CIRCUIT FIELD CIRCUIT FIELD CIRCUIT FIELD CIRCUIT FIELD CIRCUIT -(3) 3X REV B NOTES: a. PICTURE CHANGE L-830 200W (NOT PROVIDED) ADD PAPI B MONITORED CONFIGURATIONS SH 5 & SH 6 **CONTROLLED COPY** Unauthorized duplication of this document in whole or part is prohibited. Initialed in RED ink below indicates authorized copy NOTES: ALL EXTERNAL CABLES ARE PROVIDED IN ADB KIT AK00032-B40-01 LED PAPI B 4-BOX CURRENT 977 Gahanna Parkway Columbus, OH 43230 Fax: (614) 864-2069 EXTERNAL CABLES. KIT AK00032 IS INCLUDED WITH THE LED PAPI SYSTEM. DURING INSTALLATION OF CABLE SYSTEM, LEAVE CAPS IN PLACE TO PROTECT LED PAPI STYLE B AND B REDUNDANT CONNECTORS/RECEPTACLES. REMOVE CAPS ONLY WHEN MAKING FINAL CONNECTIONS. SEE REV B NOTES DLR 22JUN21 FIELD CABLE INSTALLATION DETAILS FOR CORRECT PAPI UNIT POSITIONS AS ASSOCIATED TO THE RUNWAY, LOCATE UNITS PER ADB INITIAL RELEASE DLR 1 MAR 2021 L-880 / L-881 AK00032-B40-001 LED PAPI 4-BOX CURRENT EXT CABLES DOCUMENT DA00026-XXX-01 SHEET 5. REVISION DESCRIPTION ITEM NO PART NUMBER DESCRIPTION QTY SEE SHEET 4 FOR PAPI UNIT TO EARTH GROUND CONNECTION. 62A0711 COUPLING 2" FRANG I/O THREADED 10 D RUFFINI 1 MAR 2021 REFERENCE ADB DOCUMENT # 43A4165/XXXX FOR INTERNAL WIRING OF PAPI UNITS. Information contained on this drawing is to be used expressly in accord with purpose for which it was submitted. Any disclosure of this information is strictly prohibited except as ADB Airfield Solutions, inc. may otherwise agree in writing. Copyright © 2014 ADB Airfield Solutions 63A0563 CABLE CLAMP 961-X 6 M/F INDICATES POLARITY OF FRANGIBLE CORD ABOVE AND BELOW BASE PLATE. В DA00028-XXX-01 REMKE 40FT 6-P MALE-IN/FEM-IN 16/6 STOW 73A0178/40 Copyright © 2011 ADB Airfield Solutions

2-BOX PAPI B CURRENT DRIVEN FIELD INSTALLATION (NON-REDUNDANT)



QTY

4

2

AK00032-B20-001 LED PAPI 2-BOX CURRENT EXT CABLES

CABLE CLAMP 961-X

COUPLING 2" FRANG I/O THREADED

DESCRIPTION

REMKE 40FT 6-P MALE-IN/FEM-IN 16/6 STOW

ITEM NO PART NUMBER

62A0711

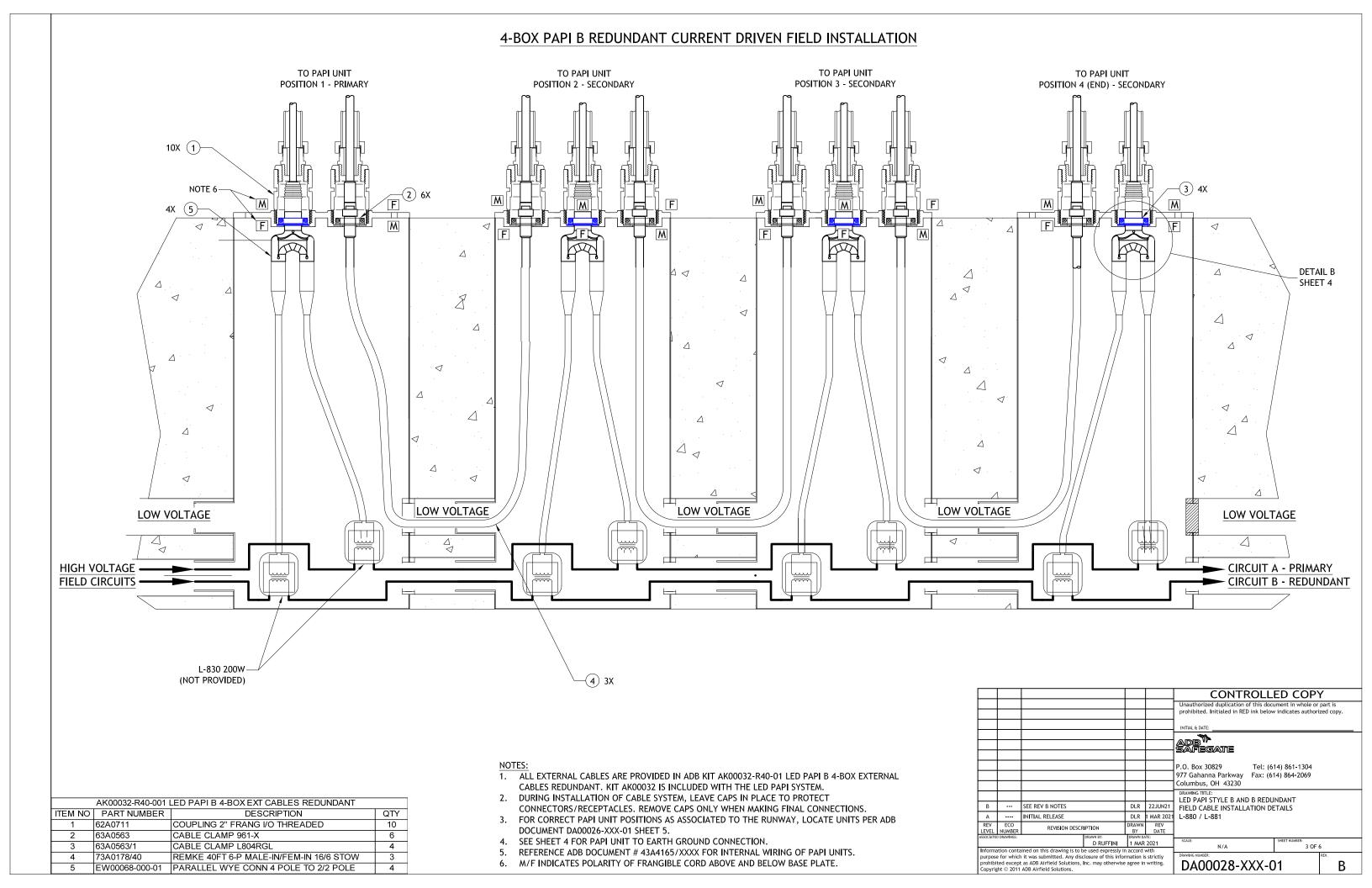
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73A0178/40

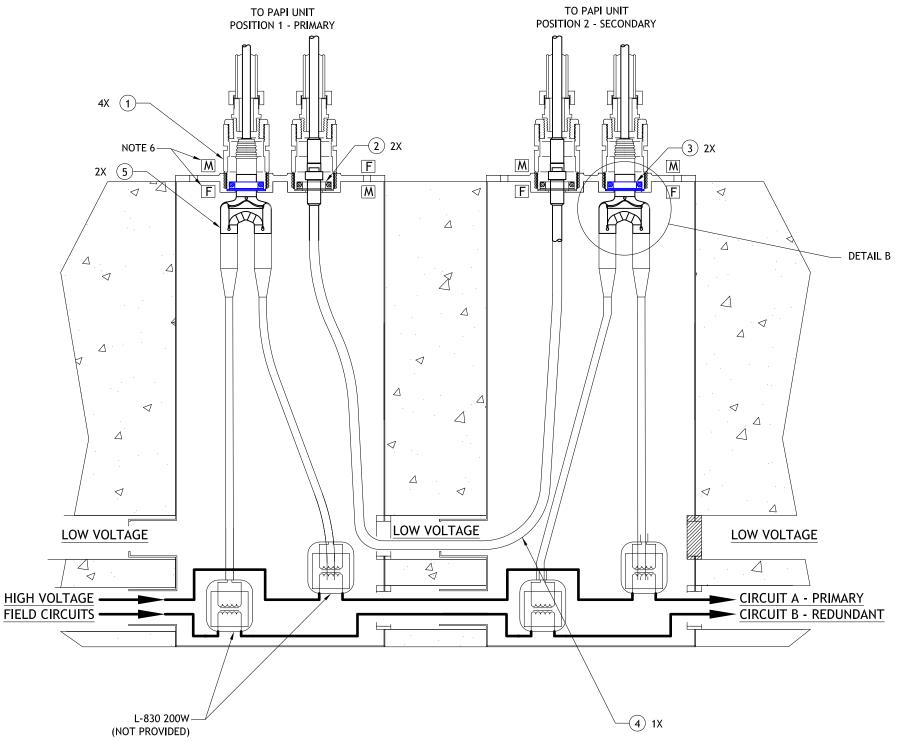
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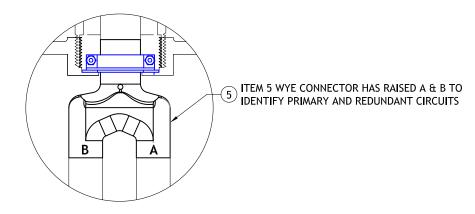
- 1. ALL EXTERNAL CABLES ARE PROVIDED IN ADB KIT AK00032-B20-01 LED PAPI 2-BOX CURRENT EXTERNAL CABLES. KIT AK00032 IS INCLUDED WITH THE LED PAPI SYSTEM.
- 2. DURING INSTALLATION OF CABLE SYSTEM, LEAVE CAPS IN PLACE TO PROTECT CONNECTORS/RECEPTACLES. REMOVE CAPS ONLY WHEN MAKING FINAL CONNECTIONS.
- 3. FOR CORRECT PAPI UNIT POSITIONS AS ASSOCIATED TO THE RUNWAY, LOCATE UNITS PER ADB DOCUMENT DA00026-XXX-01 SHEET 5.
- 4. SEE SHEET 4 FOR PAPI UNIT TO EARTH GROUND CONNECTION.
- 5. REFERENCE ADB DOCUMENT # 43A4165/XXXX FOR INTERNAL WIRING OF PAPI UNITS.
- . M/F INDICATES POLARITY OF FRANGIBLE CORD ABOVE AND BELOW BASE PLATE.

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						P.O. Box 30829	Tel: (6'	14) 861-1304		
						977 Gahanna Parkway	Fax: (61	4) 864-2069		
						Columbus, OH 43230				
						DRAWING TITLE: LED PAPI STYLE B AND	B DEDII	NDANT		
В		SEE REV B NOTES		DLR	22JUN21	FIELD CABLE INSTALLA				
Α		INITIAL RELEASE		DLR	1 MAR 2021	L-880 / L-881				
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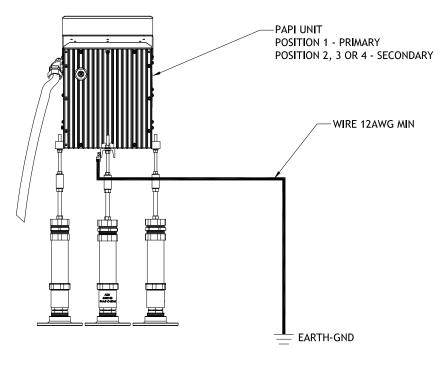
2-BOX PAPI B REDUNDANT CURRENT DRIVEN FIELD INSTALLATION





DETAIL B: PAPI B REDUNDANT CIRCUIT IDENTIFICATION

DETAIL A: PAPI A OR B PRIMARY OR SECONDARY UNIT EARTH GROUND CONNECTION



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					DRAWING TITLE: LED PAPI STYLE B AND B REDU	INDANT	
В		SEE REV B NOTES	DLR	22JUN21	FIELD CABLE INSTALLATION DI		
Α		INITIAL RELEASE	DLR	1 MAR 2021	L-880 / L-881		
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purpos prohibi	e for which	it was submitted. Any disclosure of this info as ADB Airfield Solutions, Inc. may otherwis ADB Airfield Solutions.	ormation is	s strictly	DA00028-XXX-0)1	В

NOTES:

- 1. ALL EXTERNAL CABLES ARE PROVIDED IN ADB KIT AK00032-R20-001AK00032-R20-01 LED PAPI B 2-BOX EXTERNAL CABLES REDUNDANT. KIT AK00032 IS INCLUDED WITH THE LED PAPI SYSTEM.
- DURING INSTALLATION OF CABLE SYSTEM, LEAVE CAPS IN PLACE TO PROTECT CONNECTORS/RECEPTACLES. REMOVE CAPS ONLY WHEN MAKING FINAL CONNECTIONS.
- 3. FOR CORRECT PAPI UNIT POSITIONS AS ASSOCIATED TO THE RUNWAY, LOCATE UNITS PER ADB DOCUMENT DA00026-XXX-01 SHEET 5.
- 4. SEE SHEET 4 FOR PAPI UNIT TO EARTH GROUND CONNECTION.
- 5. REFERENCE ADB DOCUMENT # 43A4165/XXXX FOR INTERNAL WIRING OF PAPI UNITS.
- 6. M/F INDICATES POLARITY OF FRANGIBLE CORD ABOVE AND BELOW BASE PLATE.

AK00032-R20-001 LED PAPI B 2-BOX EXT CABLES REDUNDANT ITEM NO PART NUMBER DESCRIPTION QTY 1 62A0711 COUPLING 2" FRANG I/O THREADED 4 2 63A0563 CABLE CLAMP 961-X 2 3 63A0563/1 CABLE CLAMP L804RGL 2 4 73A0178/40 REMKE 40FT 6-P MALE-IN/FEM-IN 16/6 STOW 1 5 EW00068-000-01 PARALLEL WYE CONN 4 POLE TO 2/2 POLE 2

4-BOX PAPI B CURRENT DRIVEN FIELD INSTALLATION (MONITORED, NON-REDUNDANT) TO PAPI UNIT TO PAPI UNIT TO PAPI UNIT TO PAPI UNIT POSITION 1 - PRIMARY **POSITION 2 - SECONDARY** POSITION 3 - SECONDARY POSITION 4 (END) - SECONDARY 10X (1) 1X (3) 1X (6) \triangleleft Δ -DETAIL C Δ \triangleleft \triangle Δ \triangleleft \triangleleft \triangleleft Δ Δ Δ \triangle \triangleleft Δ \triangleleft \triangleleft \triangleleft \triangle Δ 1 TO Ø \triangleleft \triangleleft MONITORING LOW VOLTAGE LOW VOLTAGE LOW VOLTAGE LOW VOLTAGE LOW VOLTAGE 4 HIGH VOLTAGE HIGH VOLTAGE HIGH VOLTAGE HIGH VOLTAGE HIGH VOLTAGE FIELD CIRCUIT FIELD CIRCUIT FIELD CIRCUIT FIELD CIRCUIT FIELD CIRCUIT **(4)** 3X L-830 200W (NOT PROVIDED) CONTROLLED COPY prohibited. Initialed in RED ink below indicates authorized conv adeⁿ Safegate P.O. Box 30829 Tel: (614) 861-1304 1. ALL EXTERNAL CABLES ARE PROVIDED IN ADB KIT AK00032-M40-01 LED PAPI B 4-BOX CURRENT AK00032-M40-001 LED PAPI 4-BOX CURRENT MONITORED EXT CABLES 977 Gahanna Parkway Fax: (614) 864-2069 Columbus, OH 43230 MONITORED EXTERNAL CABLES. KIT AKO0032 IS INCLUDED WITH THE LED PAPI SYSTEM. PART NUMBER ITEM NO DESCRIPTION QTY DURING INSTALLATION OF CABLE SYSTEM, LEAVE CAPS IN PLACE TO PROTECT LED PAPI STYLE B AND B REDUNDANT FIELD CABLE INSTALLATION DETAILS 62A0711 COUPLING 2" FRANG I/O THREADED 10 CONNECTORS/RECEPTACLES. REMOVE CAPS ONLY WHEN MAKING FINAL CONNECTIONS. DLR 22JUN21 SEE REV B NOTES 6 63A0563 CABLE CLAMP 961-X FOR CORRECT PAPI UNIT POSITIONS AS ASSOCIATED TO THE RUNWAY, LOCATE UNITS PER ADB INITIAL RELEASE DLR 1 MAR 2021 L-880 / L-881 DOCUMENT DA00026-XXX-01 SHEET 5. 63A0563/1 CABLE CLAMP L804 RGL 1 REVISION DESCRIPTION SEE SHEET 4 FOR PAPI UNIT TO EARTH GROUND CONNECTION. 73A0178/40 REMKE 40FT 6-P MALE-IN/FEM-IN 16/6 STOW 3 D RUFFINI 1 MAR 2021 REFERENCE ADB DOCUMENT # 43A4165/XXXX FOR INTERNAL WIRING OF PAPI UNITS. 5 OF 6

6. M/F INDICATES POLARITY OF FRANGIBLE CORD ABOVE AND BELOW BASE PLATE.

1

EXT CORD 6'16/2 SOW 600V STYLE 1&7

PARALLEL WYE CONNECTOR 4 POLE TO 2/2 POLE

73A0108/6

EW00068-000-01

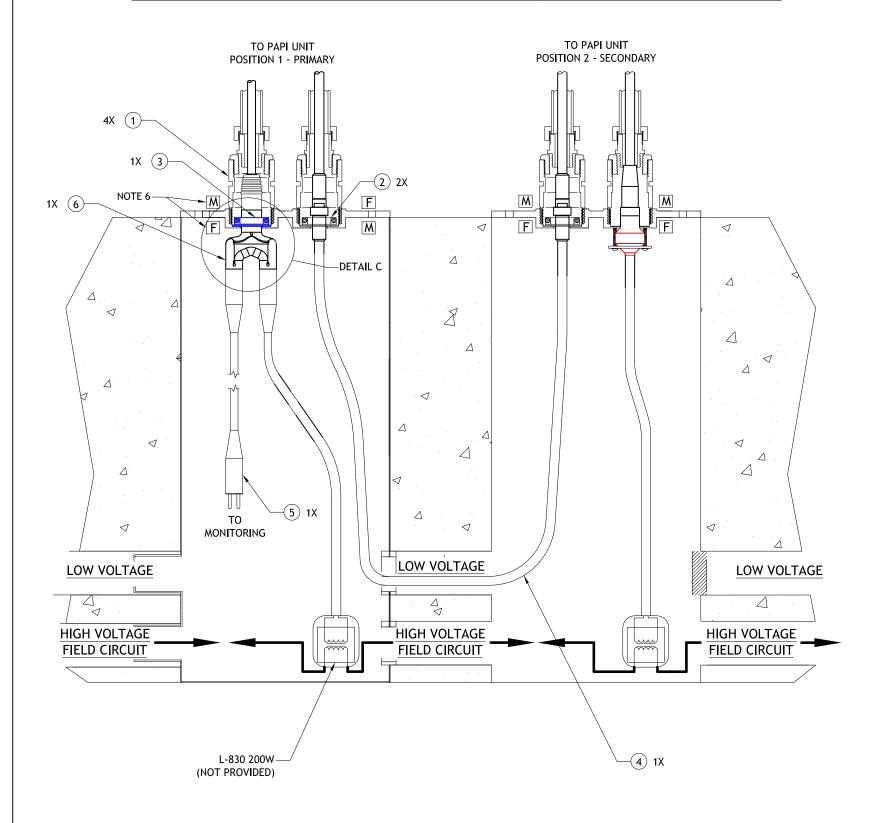
rmation contained on this drawing is to be used expressly in accord with

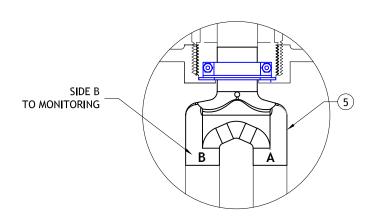
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2-BOX PAPI B CURRENT DRIVEN FIELD INSTALLATION (MONITORED, NON-REDUNDANT)





DETAIL C: PAPI B MONITORING CIRCUIT IDENTIFICATION

	AK00032-M20-001 LED PAPI 2-BOX CURRENT MONITORED EXT CABLES							
ITEM NO	PART NUMBER	DESCRIPTION						
1	62A0711	COUPLING 2" FRANG I/O THREADED	4					
2	63A0563	CABLE CLAMP 961-X	2					
3	63A0563/1	CABLE CLAMP L804 RGL	1					
4	73A0178/40	REMKE 40FT 6-P MALE-IN/FEM-IN 16/6 STOW	1					
5	73A0108/6	EXT CORD 6'16/2 SOW 600V STYLE 1&7	1					
6	EW00068-000-01	PARALLEL WYE CONNECTOR 4 POLE TO 2/2 POLE	1					

NOTES:

- 1. ALL EXTERNAL CABLES ARE PROVIDED IN ADB KIT AK00032-M20-01 LED PAPI 2-BOX CURRENT MONITORED EXTERNAL CABLES. KIT AK00032 IS INCLUDED WITH THE LED PAPI SYSTEM.
- 2. DURING INSTALLATION OF CABLE SYSTEM, LEAVE CAPS IN PLACE TO PROTECT CONNECTORS/RECEPTACLES. REMOVE CAPS ONLY WHEN MAKING FINAL CONNECTIONS.
- 3. FOR CORRECT PAPI UNIT POSITIONS AS ASSOCIATED TO THE RUNWAY, LOCATE UNITS PER ADB DOCUMENT DA00026-XXX-01 SHEET 5.
- 4. SEE SHEET 4 FOR PAPI UNIT TO EARTH GROUND CONNECTION.
- 5. REFERENCE ADB DOCUMENT # 43A4165/XXXX FOR INTERNAL WIRING OF PAPI UNITS.
- 6. M/F INDICATES POLARITY OF FRANGIBLE CORD ABOVE AND BELOW BASE PLATE.

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						DRAWING TITLE:	SEDUNDANT		
В	B SEE REV B NOTES			DLR	22JUN21	LED PAPI STYLE B AND B REDUNDANT FIELD CABLE INSTALLATION DETAILS			
Α		INITIAL RELEASE		DLR	1 MAR 2021	L-880 / L-881			
REV EVEL	ECO NUMBER	REVISION DESCR	RIPTION	DRAWN BY	REV DATE				
OCCIATED DRAWINGS: DRAWN BY: DRAWN DATE OF RUFFINI 1 MAR						SCALE: N/A	SHEET NUMBER:	OF 6	
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