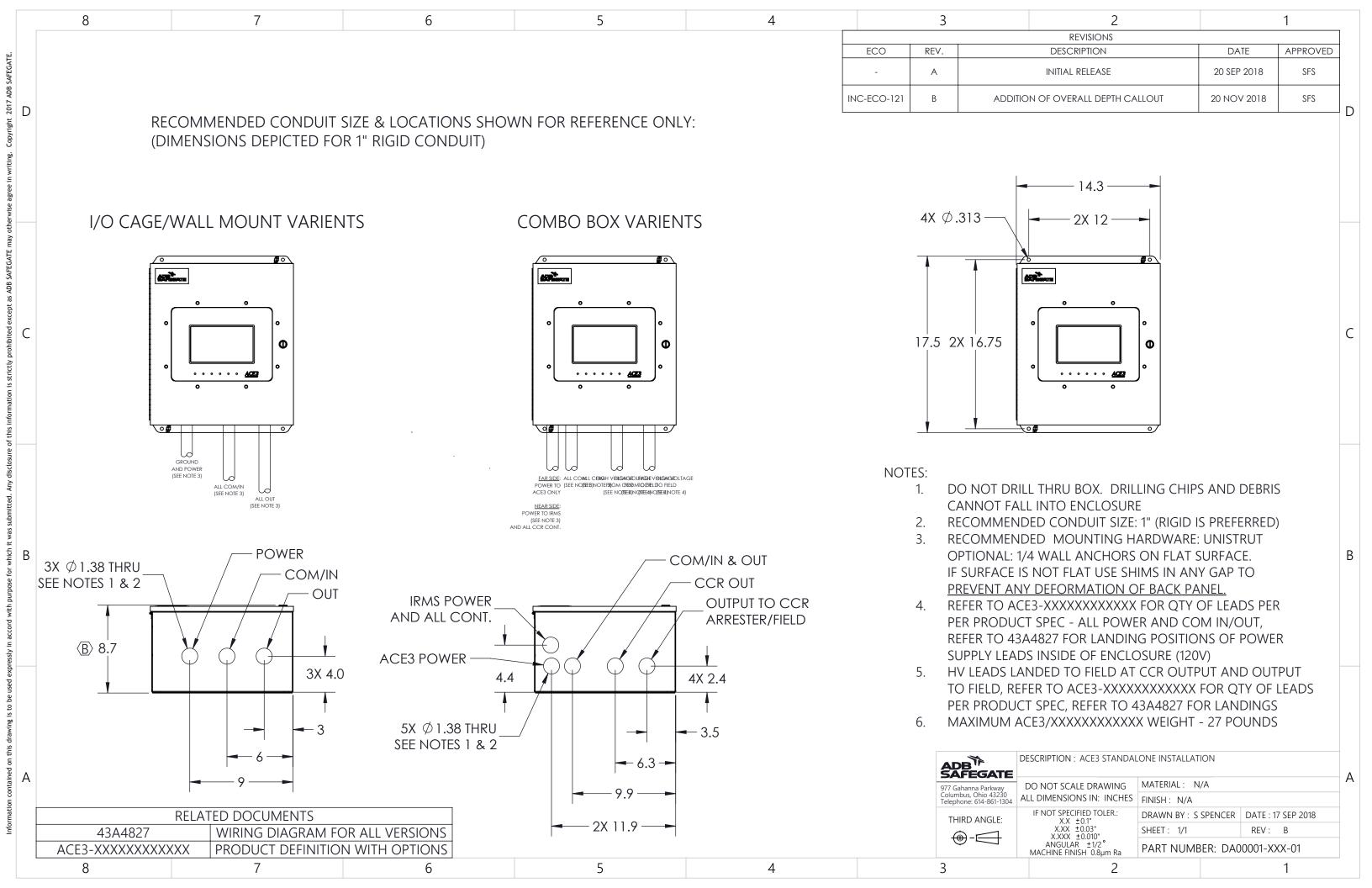


Sample ACE3 Drawings Distributed Control Architecture



Example: Serial Communication

ACE™ INSTALLATION NOTES

(ALL NOTES MAY NOT APPLY TO YOUR SYSTEM CONFIGURATION)

INSTALLATION NOTES:

- 1. ALL WALL MOUNTED ACE™ UNITS ARE TO BE LOCALLY INSTALLED NEAR THE CCR BY THE CONTRACTOR.
- 2. ALL WIRES TO BE INSTALLED, LABELED, AND TERMINATED BY CONTRACTOR.
- 3. GROUND THE ACE COMBO BOX CHASSIS USING 8AWG GROUND WIRE TO EARTH GROUND.
- 4. DO NOT DRILL THRU ENCLOSURE. DRILLING CHIPS AND DEBRIS CAN DAMAGE INTERNAL COMPONENTS. ADB REQUIRES USE OF KNOCKOUTS PROVIDED WITH ENCLOSURE.
- 5. COMMUNICATION CABLE TO BE INSTALLED AND TERMINATED BY CONTRACTOR. IT MUST BE INSTALLED IN SEPARATE CONDUIT/WIRE-WAY ISOLATED FROM POWER AND CIRCUIT CABLES.
- 6. REDUNDANT COMMUNICATION NETWORK CABLES SHALL NOT EXCEED TWENTY (20) ACE™ UNITS PER LOOP.
- 7. REDUNDANT COMMUNICATION CABLES RUNNING FROM THE ALCS COMPUTER TO THE ACE™ UNITS MUST CONNECT AT ONE END OF THE LINE OF ACE™ UNIT LINE-UP AND DAISY-CHAIN TO THE OTHER END OF THE ACE™ UNIT LINE-UP. THE COMMUNICATION CABLES CANNOT ENTER THE MIDDLE OF THE ACE™ LINE-UP AND SPLICE IN TWO DIRECTIONS.
- 8. REGULATOR CONTROL AND MONITORING WIRES MUST BE COLOR CODED FOR EASE OF TROUBLESHOOTING. THE CONTRACTOR SHOULD USE THE TABLE TO THE RIGHT TO DETERMINE THE COLOR FOR EACH WIRE. IF THE COLOR SCHEME CANNOT BE FOLLOWED DUE TO WIRE TYPE, FOLLOW COLOR CODING AS CLOSELY AS POSSIBLE AND MAKE ALL WIRING CONSISTENT. CALL ADB AIRFIELD SOLUTIONS IF YOU HAVE ANY QUESTIONS.
- 9. ADB WILL PROVIDE DRY CONTACT CLOSURES FOR CCR & MISC. DEVICE CONTROL. ALL SOURCE VOLTAGE IS TO BE PROVIDED BY AIRPORT/CONTRACTOR AND NOT TO EXCEED 2A.
- 10. ALL CONNECTIONS INSIDE GENERATOR AND ATS MUST PROVIDE THEIR OWN SOURCE POWER (120VAC / 24VDC / 48VDC), ARE THE RESPONSIBILITY OF THE CONTRACTOR, & SHOULD BE COORDINATED WITH THE AIRPORT AND ENGINEER.
- 11. CONTROL SOURCE (CS) MUST BE SOURCED WITHIN THE GENERATOR EQUIPMENT AND SHOULD BE 120VAC OR 24-48VDC.
- 12. ALL DRY-CONTACTS IN THE GENERATOR AND ATS USED FOR MONITORING MUST BE DETERMINED BY AIRPORT/OWNER AND CONTRACTOR IN COORDINATION WITH ATS MANUFACTURER.
- 13. TERMINATING RESISTORS SHALL BE CONNECTED TO THE TERMINAL BLOCK EXTENSION CONTACTS OF THE LAST ACE™ ON THE DAISY-CHAIN. ON CONNECTORS J8 & J9, PIN 1 SHOULD BE CONNECTED TO PIN 2 AND PIN 3 SHOULD BE CONNECTED TO PIN 4.
- 14. EQUIPMENT OUTPUTS ARE DRY CONTACT CLOSURES. SOURCE POWER FOR INPUTS TO BE PROVIDED BY EQUIPMENT. TO BE COORDINATED BY CONTRACTOR.
- 15. CONTRACTOR TO PROVIDE INTERPOSING RELAYS AS REQUIRED TO ENSURE PROPER INTERFACE BETWEEN EXISTING AND PROPOSED EQUIPMENT.

	ITEMS SUPPLIED BY ELECTRICAL CONTRACTOR	
	GENERAL ASSEMBLY BILL OF MATERIALS	
ITEM NO.	PART NAME/ DESCRIPTION	
(WC6	WIRE, 23AWG, SOLID BARE COPPER, CAT 6, NON-PLENUM, SHIELDED (BELDEN 7953A OR EQUIVALENT)	A/R
(W18)	WIRE, 18 AWG, 14 CONDUCTOR, 600V	A/R
WUP	WIRE, DAISEY-CHAINED 120VAC UPS POWER FROM EQUIPMENT CABINET TO EACH ACE™ UNIT, 3 CONDUCTOR, 16AWG, STRANDED	A/R
FOC	ADB SUPPLIED FIBER OPTIC CABLES, INSTALLED BY CONTRACTOR	A/R
(W12)	WIRE, 3 CONDUCTOR, 12AWG, STRANDED, 120VAC	A/R
(HVC)	L-824 TYPE C HIGH VOLTAGE (5KVA) SERIES CIRCUIT CABLE	A/R

CAUTION:

SEE NOTE 8

THIS DRAWING IS ONLY INTENDED FOR USE AS GENERAL AIRFIELD SYSTEM DESIGN GUIDANCE. THE DESIGNER MUST VERIFY DESIGN WITH LOCAL CODES AND VARYING CHARACTERISTICS FOR EACH UNIQUE AIRFIELD APPLICATION.

$\mathsf{ACE}^{\mathsf{TM}} \ \mathsf{COMMUNICATION} \ \mathsf{AND} \ \mathsf{CONTROL} \ \mathsf{CABLE} \ \ \mathsf{CHART}$

POWER WIRE DEFINITION WIRE COLOR 120VAC BLACK NEUTRAL WHITE GROUND GREEN

CONTROL WIRE COLOR CHART

WIRE DEFINITION	WIRE COLOR
CCI	WHITE
CC/B1/B10	BLACK
B2/B30	RED
B3/B100	BLUE
B4	ORANGE
B5	BROWN

MONITORING WIRE COLOR CHART

WIRE DEFINITION	WIRE COLOR
NEUTRAL	PURPLE
PRIMARY POWER	GREY
REMOTE/LOCAL (CCI)	WHITE

DRAWING TILE
1-80 ARFIELD LIGHTING CONTROL
8 MONITORING SYSTEM
IN ACCORDANCE WITH AC 150/5345-56
SYSTEM EXTERNALS
CONTRACTOR NOTES

CONTRACTOR NOTES

TLS0006/1

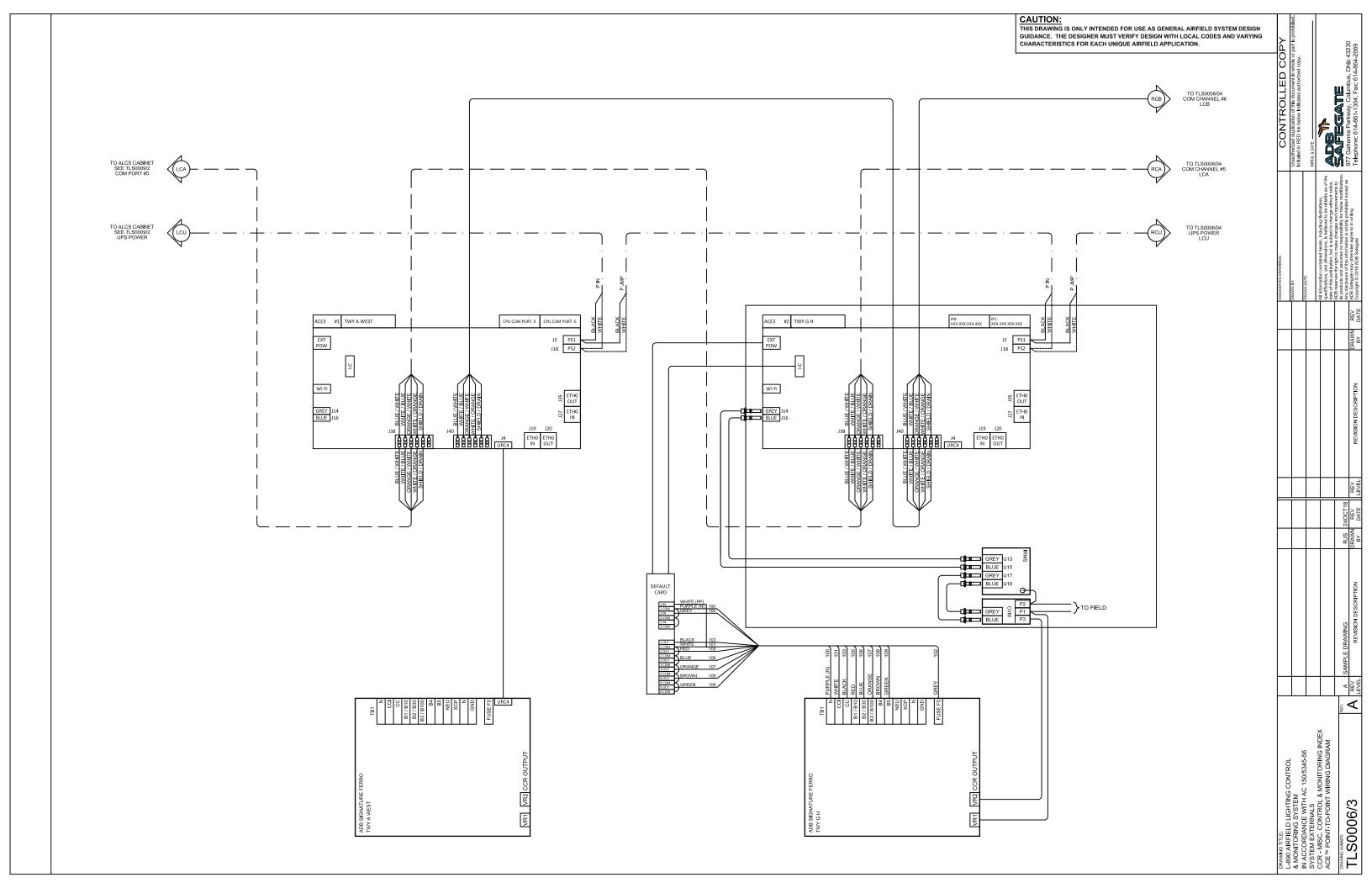
A SAMPLE DRAWING
RJS 246
RJS

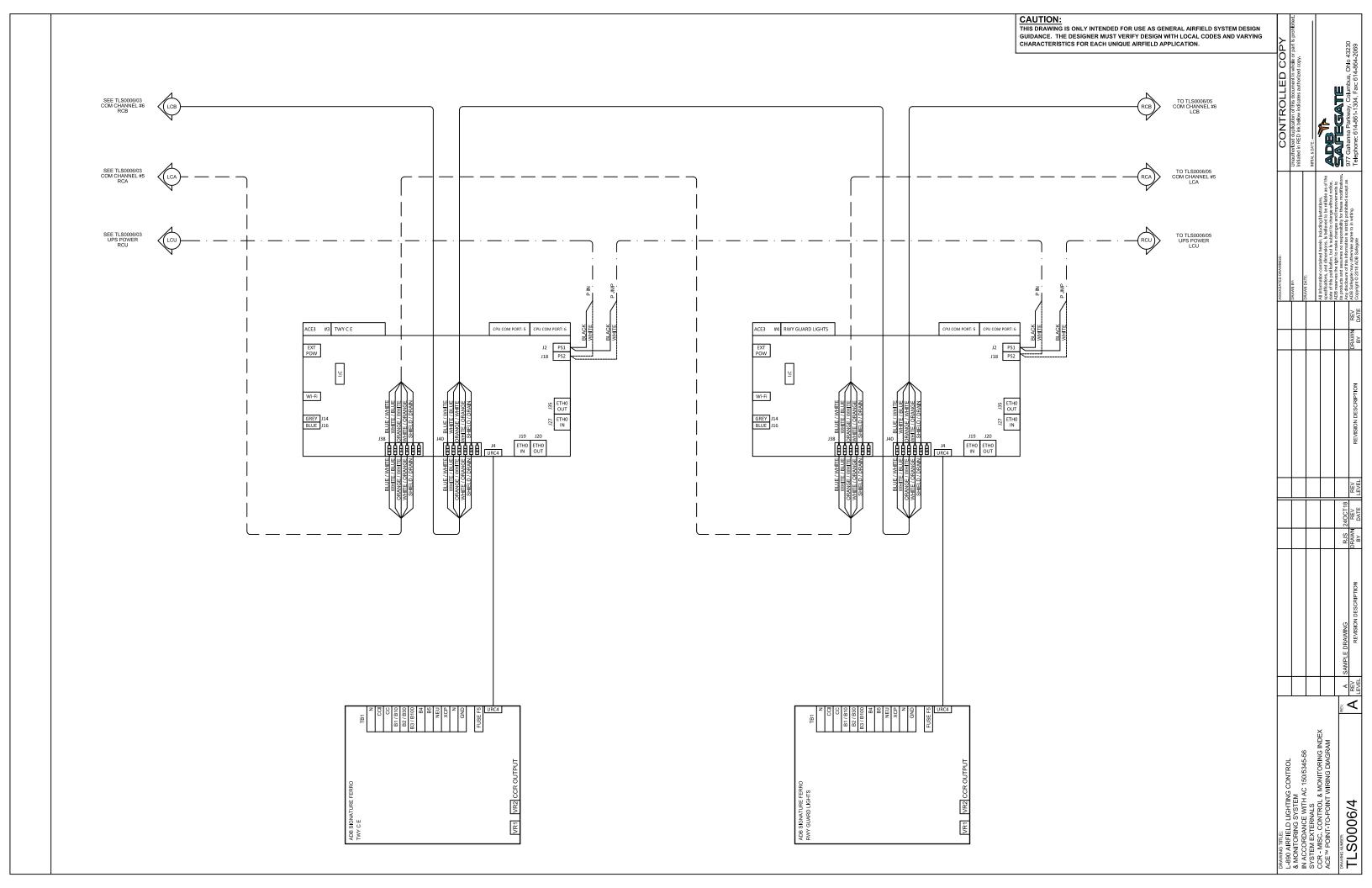
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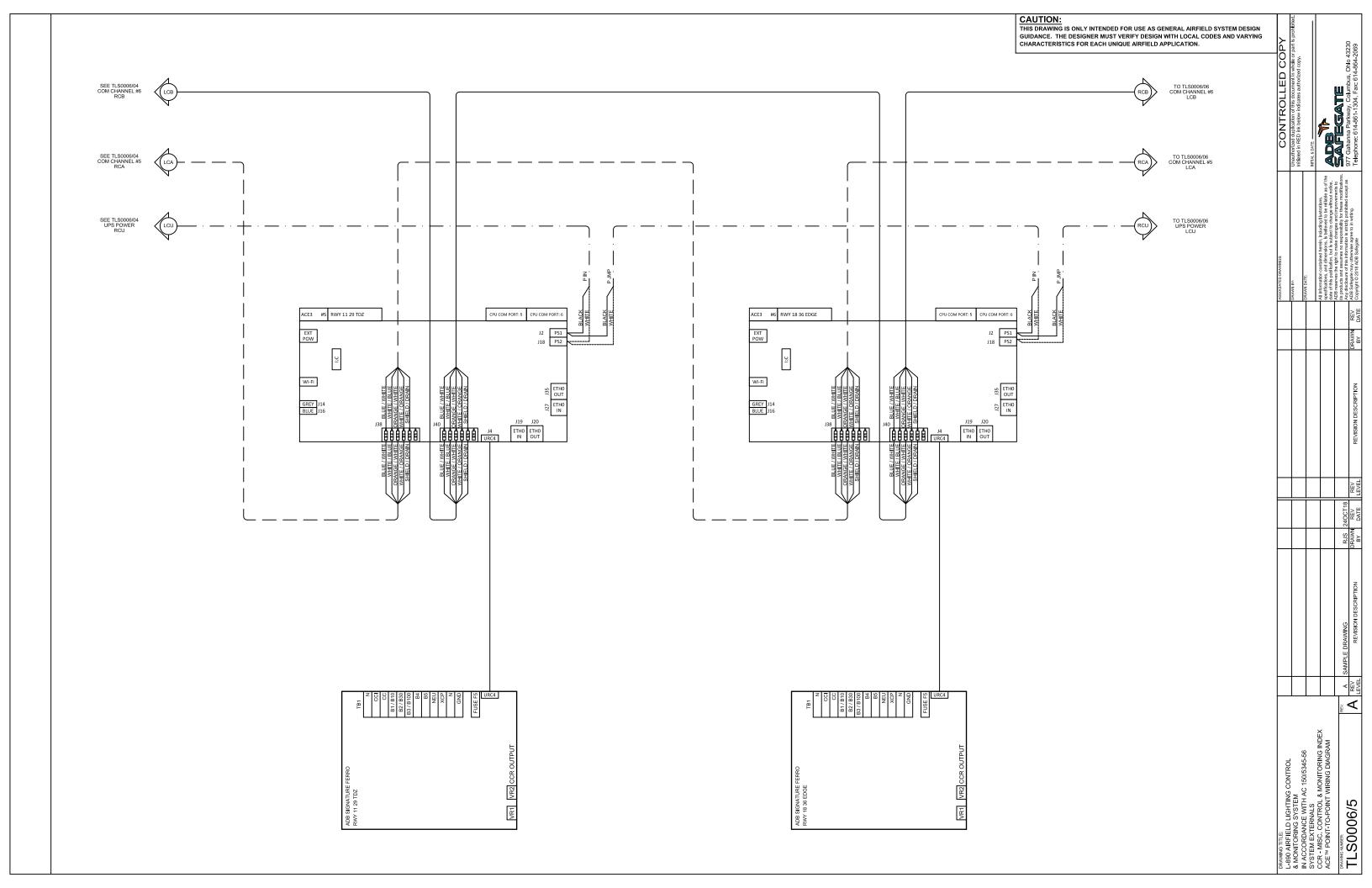
									C	CR IN	DEX												\neg
CCR NUMBER	ACE™ NUMBER	ACE™ CONFIGURATION	IP0 ADDRESS	IP1 ADDRESS	WIFI IP ADDRESS	COM CH A	COM CH B	CCR NAME / DESCRIPTION	CCR STEPS	S I ZE (KW)	INTERNAL CCI VOLTAGE	OUTPUT CURR.	CCR MANUFACTURER / MODEL	INPUT MONITORING	OUTPUT MONITORING	BRITE MASTER NUMBER	TOTAL REMOTES	CIRCUIT SELECTOR NAME	LOOP 1	LOOP 2	LOOP 3 LO	DOP 4 VO	NPUT LTAGE
1	1	ACE 3 Integrated	XXX.XXX.XXX.XXX	XXX XXX XXX XXX	XXX XXX XXX XXX	5	6	TWY A WEST - TWY A WEST	3	15	120VAC	6.6	ADB SIGNATURE FERRO	NONE	URC4							4	80 V
2	2	ACE 3 Combo Box	XXX.XXX.XXX.XXX	XXX XXX XXX XXX	XXX XXX XXX XXX	5	6	TWY G H - TWY G H	3	7.5	120VAC	6.6	ADB SIGNATURE FERRO	NONE	CVM / IRMS							4	80 V
3	3	ACE 3 Integrated	XXX.XXX.XXX	XXX.XXX.XXX	XXX.XXX.XXX	5	6	TWY C E - TWY C E	3	15	120VAC	6.6	ADB SIGNATURE FERRO	NONE	URC4							4	80 V
4	4	ACE 3 Integrated	XXX.XXX.XXX	XXX.XXX.XXX	XXX.XXX.XXX	5	6	RWY GUARD LIGHTS - RWY GUARD LIGHTS	5	20	120VAC	6.6	ADB SIGNATURE FERRO	NONE	URC4							4	80 V
5	5	ACE 3 Integrated	XXX.XXX.XXX	XXX.XXX.XXX	XXX.XXX.XXX	5	6	RWY 11 29 TDZ - RWY 11 29 TDZ	5	15	120VAC	6.6	ADB SIGNATURE FERRO	NONE	URC4							4	80 V
6	6	ACE 3 Integrated	XXX.XXX.XXX	XXX.XXX.XXX	XXX.XXX.XXX	5	6	RWY 18 36 EDGE - RWY 18 36 EDGE	5	30	120VAC	6.6	ADB SIGNATURE FERRO	NONE	URC4							4	80 V
7	7	ACE 3 Integrated	XXX.XXX.XXX	XXX.XXX.XXX	XXX.XXX.XXX	5	6	RWY 18 36 CENTERLINE - RWY 18 36 CENTERLINE	5	20	120VAC	6.6	ADB SIGNATURE FERRO	NONE	URC4							4	80 V
8	8	ACE 3 Integrated	XXX.XXX.XXX	XXX.XXX.XXX	XXX.XXX.XXX	5	6	RWY 11 29 CENTERLINE - RWY 11 29 CENTERLINE	5	20	120VAC	6.6	ADB SIGNATURE FERRO	NONE	URC4							4	80 V
9	9	ACE 3 Integrated	XXX.XXX.XXX.XXX	XXX.XXX.XXX.XXX	XXX.XXX.XXX	5	6	RWY 11 29 EDGE - RWY 11 29 EDGE	5	20	120VAC	6.6	ADB SIGNATURE FERRO	NONE	URC4						l l	4	80 V
10	10	ACE 3 Integrated	XXX.XXX.XXX	XXX XXX XXX XXX	XXX XXX XXX XXX	5	6	TWY A EAST - TWY A EAST	3	7.5	120VAC	6.6	ADB SIGNATURE FERRO	NONE	URC4							4	80 V

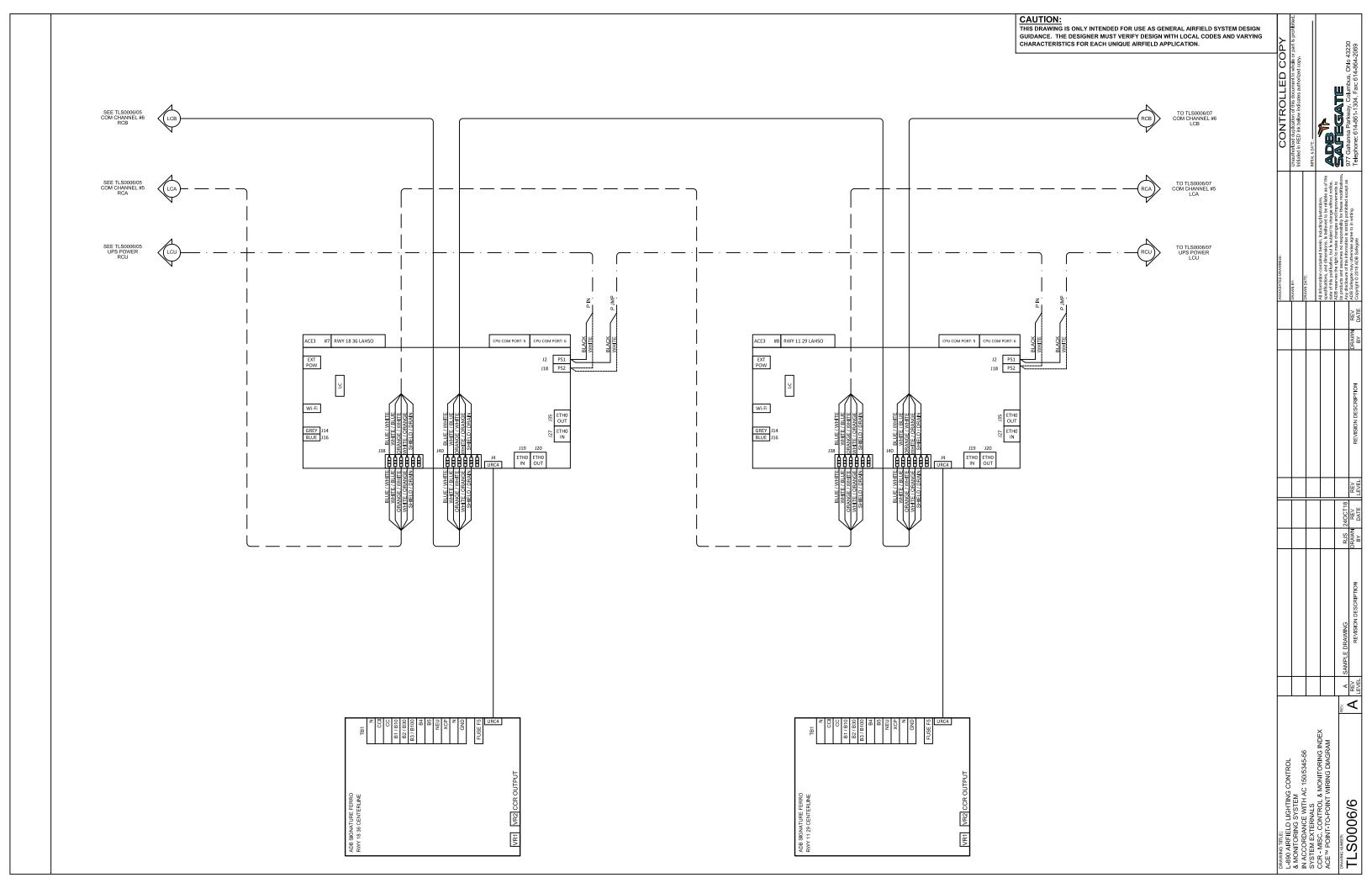
					MISCELLANE	OUS CONTROL AND MONITORII	NG INDEX	
ACE™ NUMBER	ACE™ CONFIGURATION	COM CH A	COM CH B	ACE™ I/O CHANNEL	DESCRIPTION	I/O TYPE	ADB PROVIDED CONTROL OR MONITORING POINT TYPE	COMMENTS / NOTES
11	ACE 3 Wall Mount	5	6	0	Utility Available	INPUT	(1) OPTO-ISOLATED ; DIGITAL INPUT ; 120VAC / 24VDC	
11	ACE 3 Wall Mount	5	6	1	Utility On-line	INPUT	(1) OPTO-ISOLATED ; DIGITAL INPUT ; 120VAC / 24VDC	
11	ACE 3 Wall Mount	5	6	2	Gernerator Available	INPUT	(1) OPTO-ISOLATED; DIGITAL INPUT; 120VAC / 24VDC	
11	ACE 3 Wall Mount	5	6	3	Gernerator On-Line	INPUT	(1) OPTO-ISOLATED; DIGITAL INPUT; 120VAC / 24VDC	
11	ACE 3 Wall Mount	5	6	4	Gernerator Alarm	INPUT	(1) OPTO-ISOLATED; DIGITAL INPUT; 120VAC / 24VDC	
11	ACE 3 Wall Mount	5	6	14	Generator Control	OUTPUT	(1) DRY CONTACT CLOSURE ; 250VAC ; MAX 1A	
11	ACE 3 Wall Mount	5	6	13	Beacon Control	OUTPUT	(1) DRY CONTACT CLOSURE ; 250VAC ; MAX 1A	
11	ACE 3 Wall Mount	5	6	5	Beacon Monitoring	INPUT	(1) OPTO-ISOLATED ; DIGITAL INPUT ; 120VAC / 24VDC	

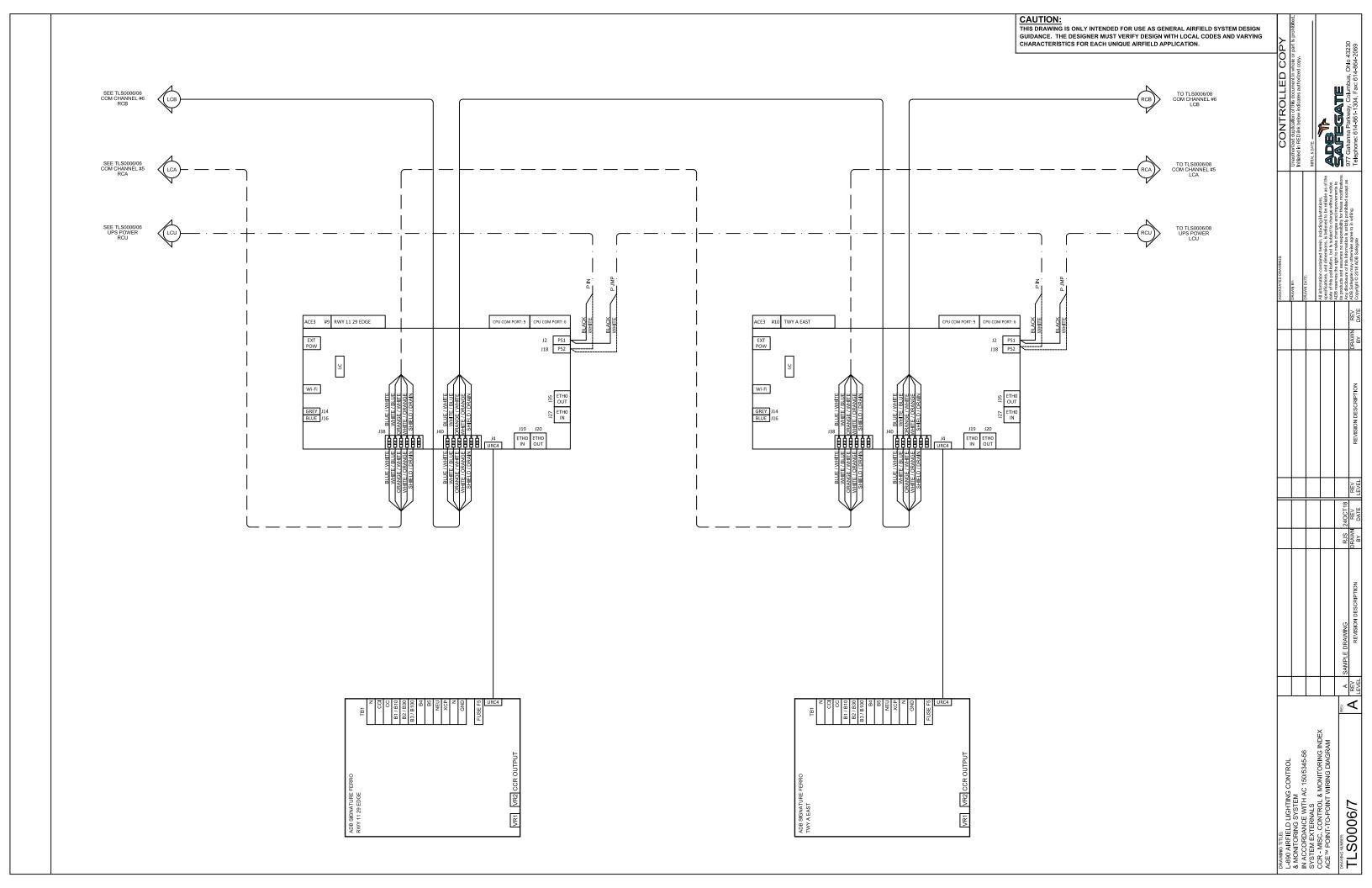
DRAWING TITLE: 1.890 AIRFIELD LIGHTING CONTROL								AS	ASSOCIATED DRAWINGS:	CONTROLLED COP
& MONITORING SYSTEM								ig.	DRAWN BY:	Unauthorized duplication of this document in whole or part initialed in RED ink below indicates authorized copy.
IN ACCORDANCE WITH AC 150/5345-56		-			1			I.R	DRAWN DATE:	INITIAL & DATE:
								1		
								Sp. Al.	All information confained herein, including illustrations, specifications, and dimensions, is believed to be reliable as of the date of this publication, but is subject to change without notice.	ADB
DRAWING NUMBER:	REV	A SAMPLE DRAWING	E DRAWING	RJS 240CT18				A IIs	ADB reserves the right to make changes and improvements to its products and assumes no responsibility for these modifications. A disclosure of this information is strictly prohibited except as	
LS0006/2	▼ I	REV LEVEL	REVISION DESCRIPTION	DRAWN REV BY DATE	REV LEVEL	REVISION DESCRIPTION	DRAWN BY	REV AD	ADB Safegate may otherwise agree to in writing. Copyright © 2018 ADB Safegate	Telephone: 614-861-1304, Fax: 614-864-2069

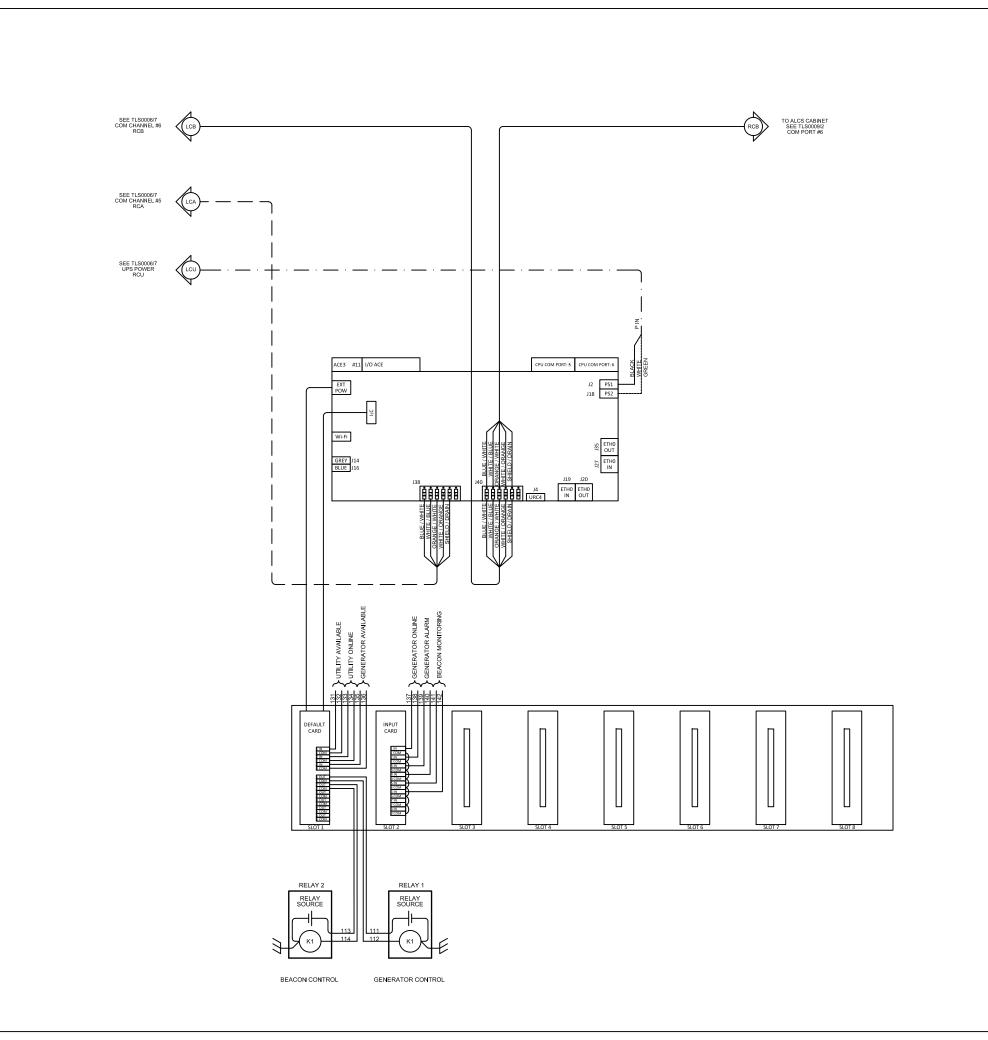












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CHARACTERISTICS FOR EACH UNIQUE AIRFIELD APPLICATION.

ADB SAFEGATE 977 Gahana Parkway, Columbu Telephone: 614-861-1304, Fax: 6 A REV REV LEVEL DRAWING TITE:
L-890 ARRFIELD LIGHTING CONTROL
& MONITORING SYSTEM
IN ACCORDANCE WITH AC 150/5345-56
SYSTEM EXTERNALS
CCR - MISC. CONTROL & MONITORING INDEX
ACE ** POINT-TO-POINT WIRING DIAGRAM TLS0006/8

Example: Ethernet Communication

ACE™ INSTALLATION NOTES

(ALL NOTES MAY NOT APPLY TO YOUR SYSTEM CONFIGURATION)

INSTALLATION NOTES:

- 1. ALL WALL MOUNTED ACE™ UNITS ARE TO BE LOCALLY INSTALLED NEAR THE CCR BY THE CONTRACTOR.
- 2. ALL WIRES TO BE INSTALLED, LABELED, AND TERMINATED BY CONTRACTOR.
- 3. GROUND THE ACE COMBO BOX CHASSIS USING 8AWG GROUND WIRE TO EARTH GROUND.
- DO NOT DRILL THRU ENCLOSURE. DRILLING CHIPS AND DEBRIS CAN DAMAGE INTERNAL COMPONENTS.
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- 7. REDUNDANT COMMUNICATION CABLES RUNNING FROM THE ALCS COMPUTER TO THE ACE™ UNITS MUST CONNECT AT ONE END OF THE LINE OF ACE™ UNIT LINE-UP AND DAISY-CHAIN TO THE OTHER END OF THE ACE™ UNIT LINE-UP. THE COMMUNICATION CABLES CANNOT ENTER THE MIDDLE OF THE ACE™ LINE-UP AND SPLICE IN TWO DIRECTIONS.
- 8. REGULATOR CONTROL AND MONITORING WIRES MUST BE COLOR CODED FOR EASE OF TROUBLESHOOTING. THE CONTRACTOR SHOULD USE THE TABLE TO THE RIGHT TO DETERMINE THE COLOR FOR EACH WIRE. IF THE COLOR SCHEME CANNOT BE FOLLOWED DUE TO WIRE TYPE, FOLLOW COLOR CODING AS CLOSELY AS POSSIBLE AND MAKE ALL WIRING CONSISTENT. CALL ADB AIRFIELD SOLUTIONS IF YOU HAVE ANY QUESTIONS.
- ADB WILL PROVIDE DRY CONTACT CLOSURES FOR CCR & MISC. DEVICE CONTROL. ALL SOURCE VOLTAGE IS TO BE PROVIDED BY AIRPORT/CONTRACTOR AND NOT TO EXCEED 2A.
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- 11. CONTROL SOURCE (CS) MUST BE SOURCED WITHIN THE GENERATOR EQUIPMENT AND SHOULD BE 120VAC OR 24-48VDC.
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- 13. TERMINATING RESISTORS SHALL BE CONNECTED TO THE TERMINAL BLOCK EXTENSION CONTACTS OF THE LAST ACE™ ON THE DAISY-CHAIN. ON CONNECTORS J8 & J9, PIN 1 SHOULD BE CONNECTED TO PIN 2 AND PIN 3 SHOULD BE CONNECTED TO PIN 4.
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		ITEMS SUPPLIED BY ELECTRICAL CONTRACTOR	
		GENERAL ASSEMBLY BILL OF MATERIALS	
	ITÉM NO	PART NAME/ DESCRIPTION	
	(WC6)	WIRE, 23AWG, SOLID BARE COPPER, CAT 6, NON-PLENUM, SHIELDED (BELDEN 7953A OR EQUIVALENT)	A/R
	(W18)	WIRE, 18 AWG, 14 CONDUCTOR, 600V	A/R
	(WUP)	WIRE, DAISEY-CHAINED 120VAC UPS POWER FROM EQUIPMENT CABINET TO EACH ACE™ UNIT, 3 CONDUCTOR, 16AWG, STRANDED	A/R
SEE NOTE 8	FOC	ADB SUPPLIED FIBER OPTIC CABLES, INSTALLED BY CONTRACTOR	A/R
	W12	WIRE, 3 CONDUCTOR, 12AWG, STRANDED, 120VAC	A/R
	(HVC)	L-824 TYPE C HIGH VOLTAGE (5KVA) SERIES CIRCUIT CABLE	A/R

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ACE™ COMMUNICATION AND CONTROL CABLE CHART

POWER WIRE DEFINITION WIRE COLOR 120VAC BLACK NEUTRAL WHITE GROUND GREEN

CONTROL WIRE COLOR CHART

WIRE DEFINITION	WIRE COLOR
CCI	WHITE
CC/B1/B10	BLACK
B2/B30	RED
B3/B100	BLUE
B4	ORANGE
B5	BROWN

MONITORING WIRE COLOR CHART

WIRE DEFINITION	WIRE COLOR
NEUTRAL	PURPLE
PRIMARY POWER	GREY
REMOTE/LOCAL (CCI)	WHITE

Cat5e V	Vire Diagra	m for T568	B (Straight Thre	ough Cable)
R.J45 Pin #	Wire Color (T568A)	Wire Dlagram (T568A)	10Base-T Signal 100Base-TX Signal	1000Base-T Signal
1	White/Orange	11 11	Transmit+	BI DA+
2	Orange		Transmit-	BI_DA-
3	White/Green		Receive*	BI DB+
4	Blue		Unused	BI_DC+
5	White/Blue		Unused	BI DC-
6	Green		Receive-	BI DB-
7.	White-Brown	11 11	Unused	8 DD+
Ŕ	Brown		Unused	BL DD-

DAWNON THE DECORATION CONTROL

& MONITORING SYSTEM
IN ACCORDANCE WITH AC 150/5345-56
SYSTEM EXTERNALS
CONTRACTOR NOTES

TLS0006/1

A SAMPLE DRAWING
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REVISION DESCRIPTION

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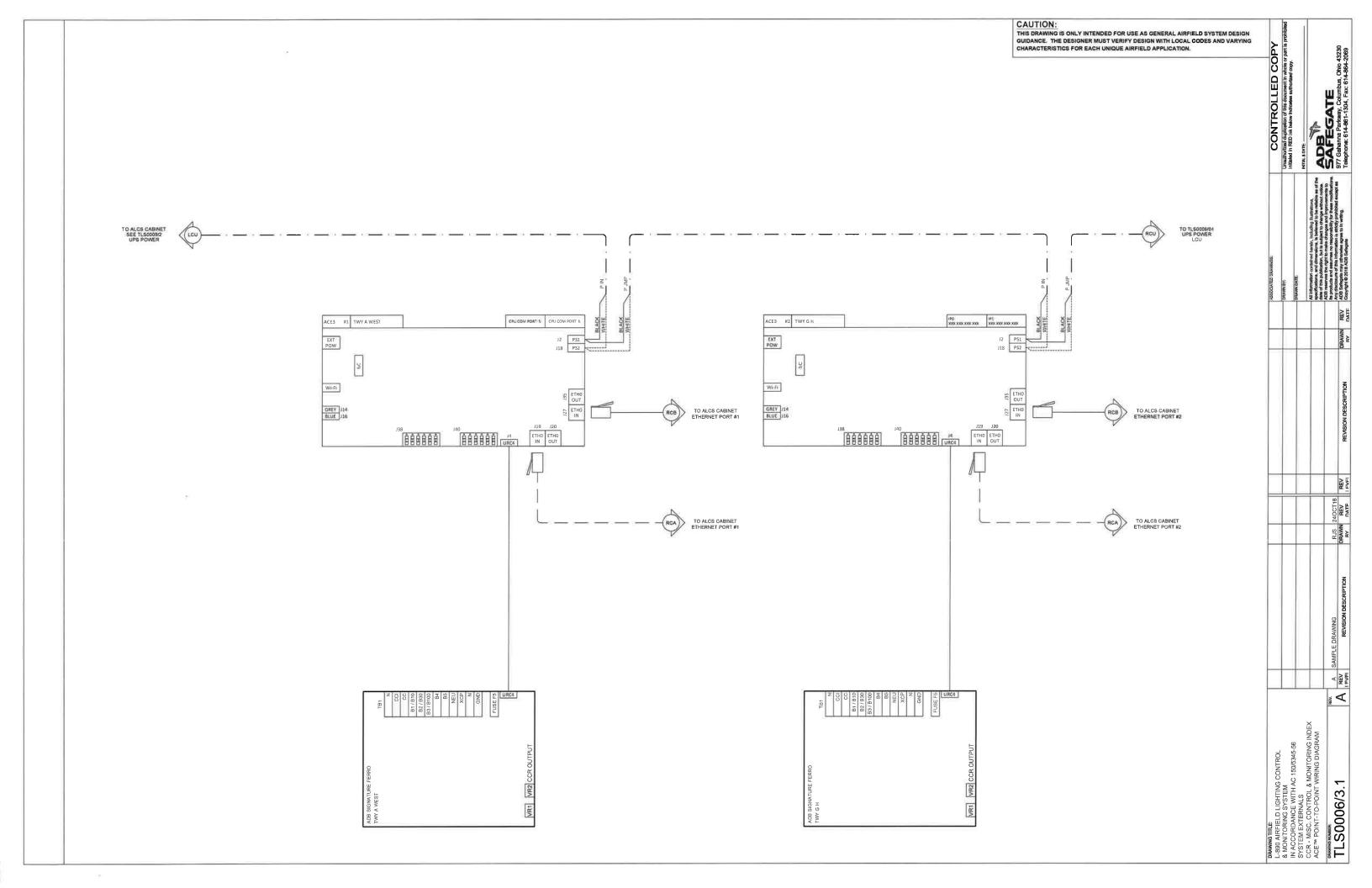
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CCR NUMBE		ACE 1" IUMBER	ACE ™ CONFIGURATION	IPO ADDRESS	iP1 ADDRESS	WIFI IP ADDRESS	COM CH A	COM	CCR NAME / DESCRIPTION	CCR STEPS	SIZE (KW)	INTERNAL CCI VOLTAGE	OUTPUT CURR	CCR MANUFACTURER / MODEL	INPUT MONITORING	OUTPUT MONITORING	BRITE MASTER NUMBER	CIRCUIT SELECTOR NAME	LOOP 1	LOOP 2	LOOP 3	LOOP 4	INPUT VOLTAGE
1		1	ACE 3 Integrated	XXX.XXX.XXX	XXX.XXX XXX.XXX	XXXXXXXXXXXXX	5	6	TWY A WEST - TWY A WEST	3	15	120VAC	6,6	ADB SIGNATURE FERRO	NONE	URC4							480 V
2		2	ACE 3 Combo Box	XXX.XXX.XXX	XXXXXXXXXXXX	XXX.XXX.XXX	5	6	TWY G H - TWY G H	3	7.5	120VAC	6.6	ADB SIGNATURE FERRO	NONE	CVM / IRMS							480 V
3	\neg	3	ACE 3 Integrated	XXX XXX XXX XXX	XXX XXX XXX XXX	XXX.XXXX.XXXX	5	6	TWY C E - TWY C E	3	15	120VAC	6.6	ADB SIGNATURE FERRO	NONE	URC4							480 V
4	┰	4	ACE 3 Integrated	XXX XXXX XXXX	XXX.XXX.XXX	XXX XXX XXX XXX	5	6	RWY GUARD LIGHTS - RWY GUARD LIGHTS	5	20	120VAC	6.6	ADB SIGNATURE FERRO	NONE	URC4							480 V
5		5	ACE 3 Integrated	XXX.XXXX.XXX	XXXXXXXXXXXXX	XXX.XXX.XXXX	5	6	RWY 11 29 TDZ - RWY 11 29 TDZ	5	15	120VAC	6,6	ADB SIGNATURE FERRO	NONE	URC4							480 V
6	_	6	ACE 3 Inlegrated	XXX.XXX.XXX	XXX.XXX.XXXX.XXXX	XXX XXX XXX XXX	5	6	RWY 18 36 EDGE - RWY 18 36 EDGE	5	30	120VAC	6.6	ADB SIGNATURE FERRO	NONE	URC4							480 V
7	\neg	7	ACE 3 Integrated	XXX.XXX.XXX	XXX.XXX.XXXX	XXX XXXX XXXX XXX	5	6	RWY 18 36 CENTERLINE - RWY 18 36 CENTERLINE	5	20	120VAC	6.6	ADB SIGNATURE FERRO	NONE	URC4							480 V
8	\neg	8	ACE 3 Integrated	XXX XXXX XXXX	XXX.XXX.XXX.XXX	XXX.XXX XXX XXX	5	6	RWY 11 29 CENTERLINE - RWY 11 29 CENTERLINE	. 5	20	120VAC	6.6	ADB SIGNATURE FERRO	NONE	URC4							480 V
9	1	9	ACE 3 Integrated	XXX XXX XXX XXX	XXX.XXX.XXXX	XXX.XXX XXX XXX	5	6	RWY 11 29 EDGE - RWY 11 29 EDGE	5	20	120VAC	6,6	ADB SIGNATURE FERRO	NONE	URC4							480 V
10	$\neg \vdash$	10	ACE 3 Integrated	XXX.XXX XXX XXX	XXX XXX XXX.XXX	XXX.XXX.XXX	5	6	TWY A EAST - TWY A EAST	3	7.5	120VAC	6,6	ADB SIGNATURE FERRO	NONE	URC4							480 V

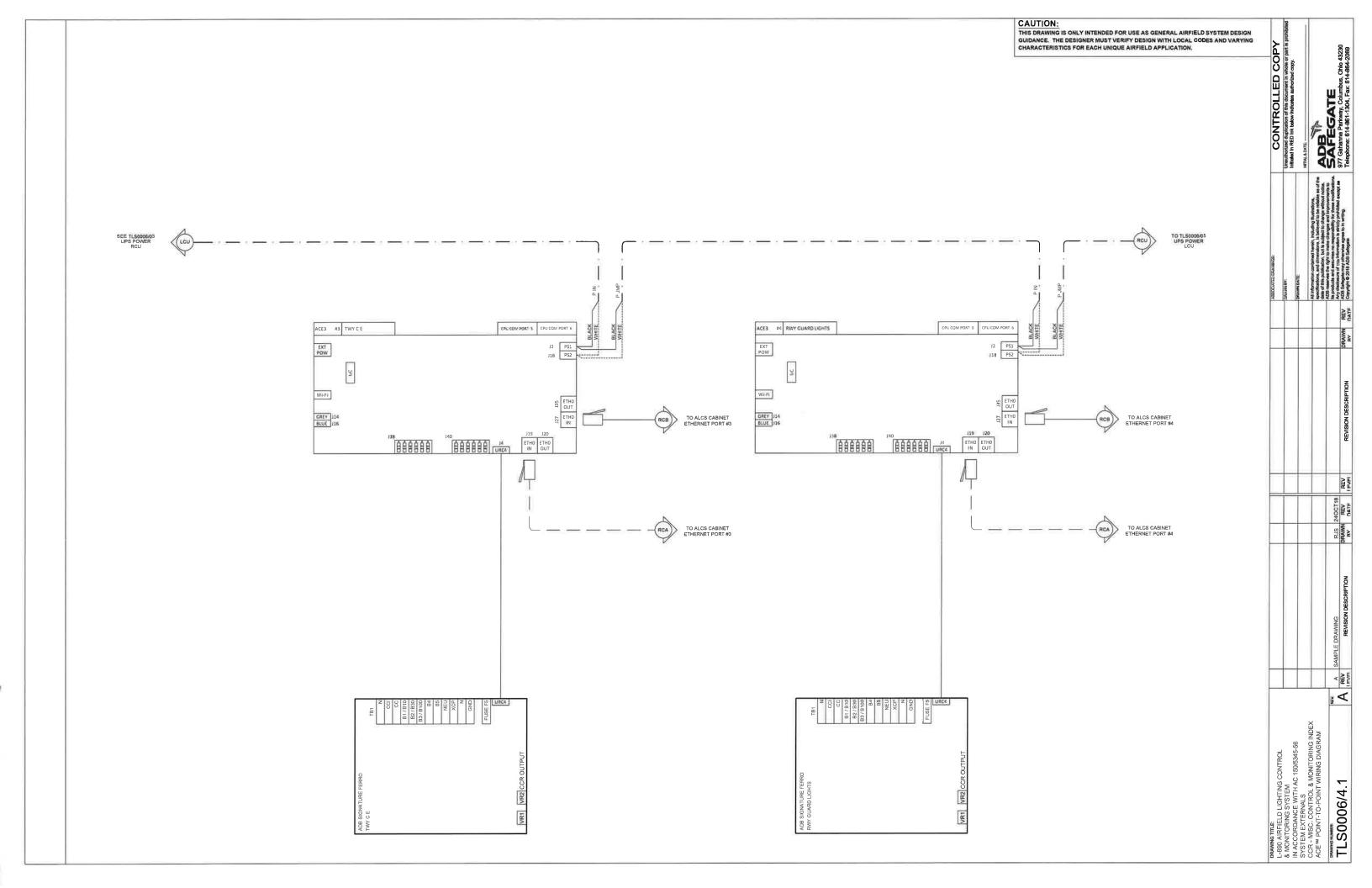
MISCELLANEOUS CONTROL AND MONITORING INDEX								
ACE™ NUMBER	ACE™ CONFIGURATION	COM CH A	COM CH B	ACE™ I/O CHANNEL	DESCRIPTION	TYPE	ADB PROVIDED CONTROL OR MONITORING POINT TYPE	COMMENTS / NOTES
11	ACE 3 Wall Mount	5	6	0	Utility Avallable	INPUT	(1) OPTO-ISOLATED ; DIGITAL INPUT ; 120VAC / 24VDC	
11	ACE 3 Wall Mount	5	6	1	Utility On-line	INPUT	(1) OPTO-ISOLATED ; DIGITAL INPUT ; 120VAC / 24VDC	
11	ACE 3 Well Mount	5	6	2	Gemerator Available	INPUT	(1) OPTO-ISOLATED ; DIGITAL INPUT ; 120VAC / 24VDC	
11	ACE 3 Wall Mount	5	6	3	Gernerator On-Line	INPUT	(1) OPTO-ISOLATED ; DIGITAL INPUT ; 120VAC / 24VDC	
11	ACE 3 Wall Mount	5	6	4	Gemerator Alarm	INPUT	(1) OPTO-ISOLATED; DIGITAL INPUT; 120VAC / 24VDC	
11	ACE 3 Wall Mount	5	6	14	Generator Control	OUTPUT	(1) DRY CONTACT CLOSURE ; 250VAC ; MAX 1A	
11	ACE 3 Wall Mount	5	6	13	Beacon Control	ОИТРИТ	(1) DRY CONTACT CLOSURE ; 250VAC ; MAX 1A	
11	ACE 3 Well Mount	5	6	5	Beacon Monitoring	INPUT	(1) OPTO-ISOLATED ; DIGITAL INPUT ; 120VAC / 24VDC	

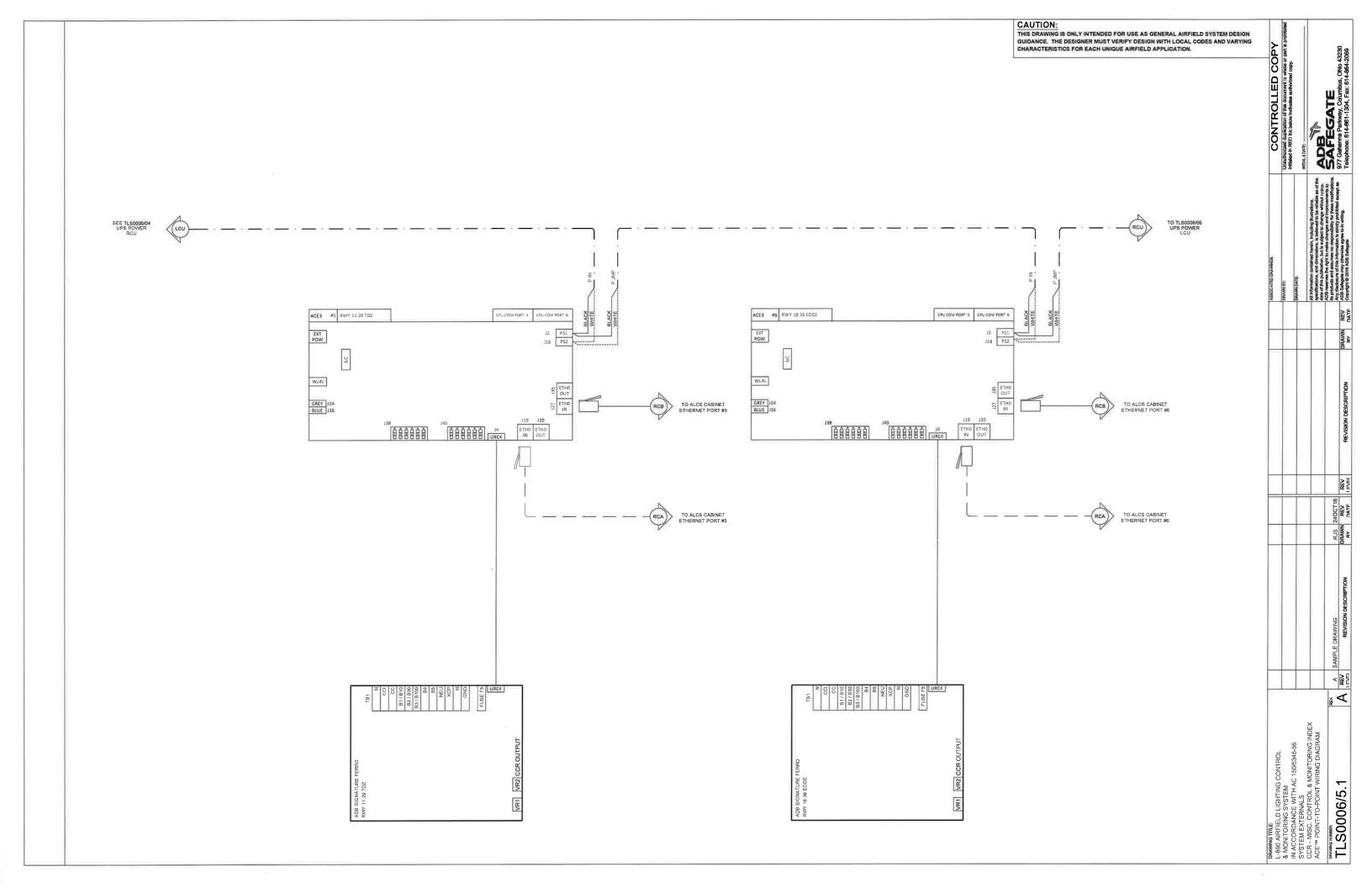
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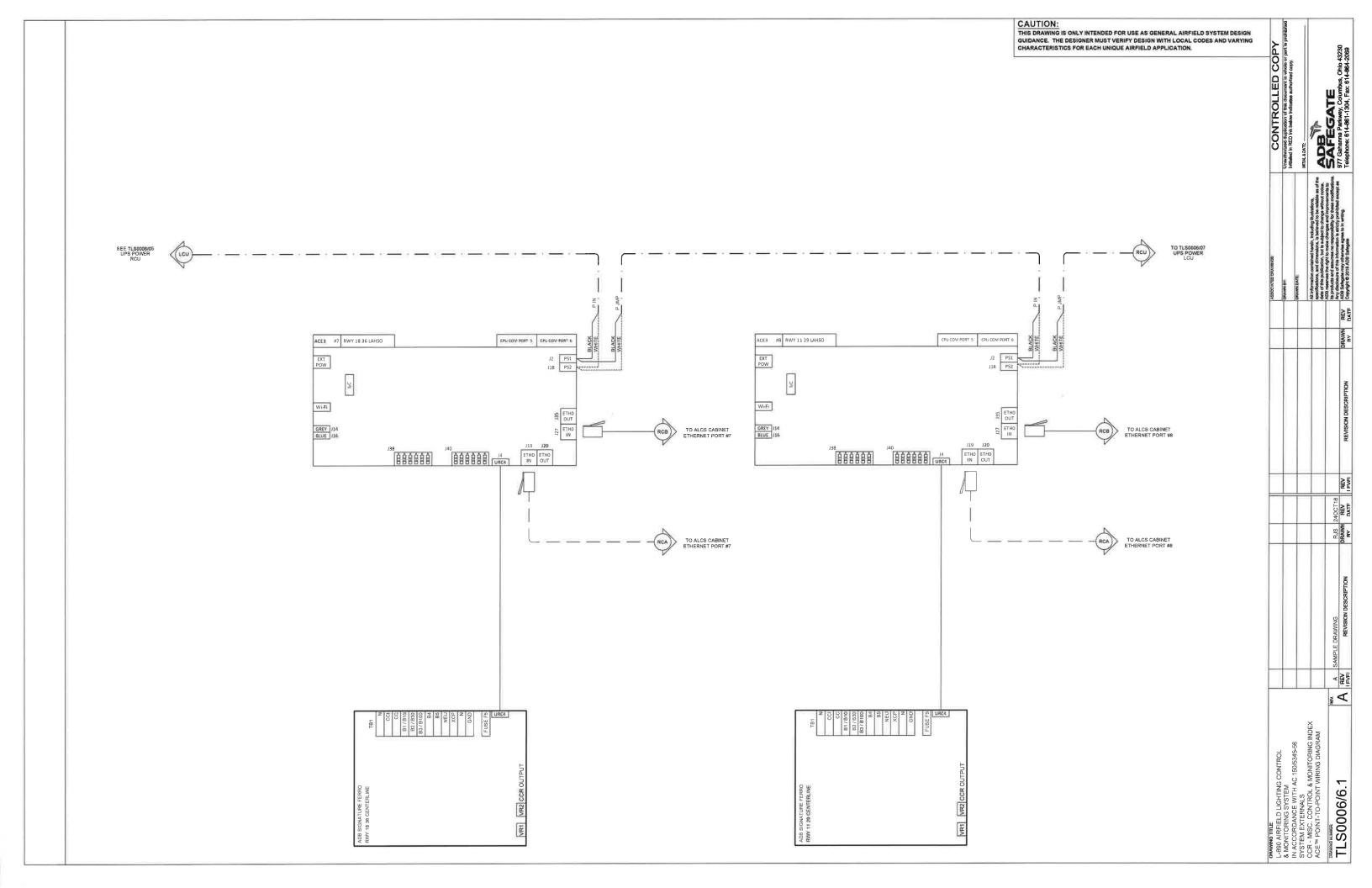
DRAWING TITE
L-890 ARFIELD LIGHTING CONTROL
A.800 ARFIELD LIGHTING SYSTEM
IN ACCORDANCE WITH AC 150/5345-56
CCR - MISC, CONTROL & MONITORING INDEX

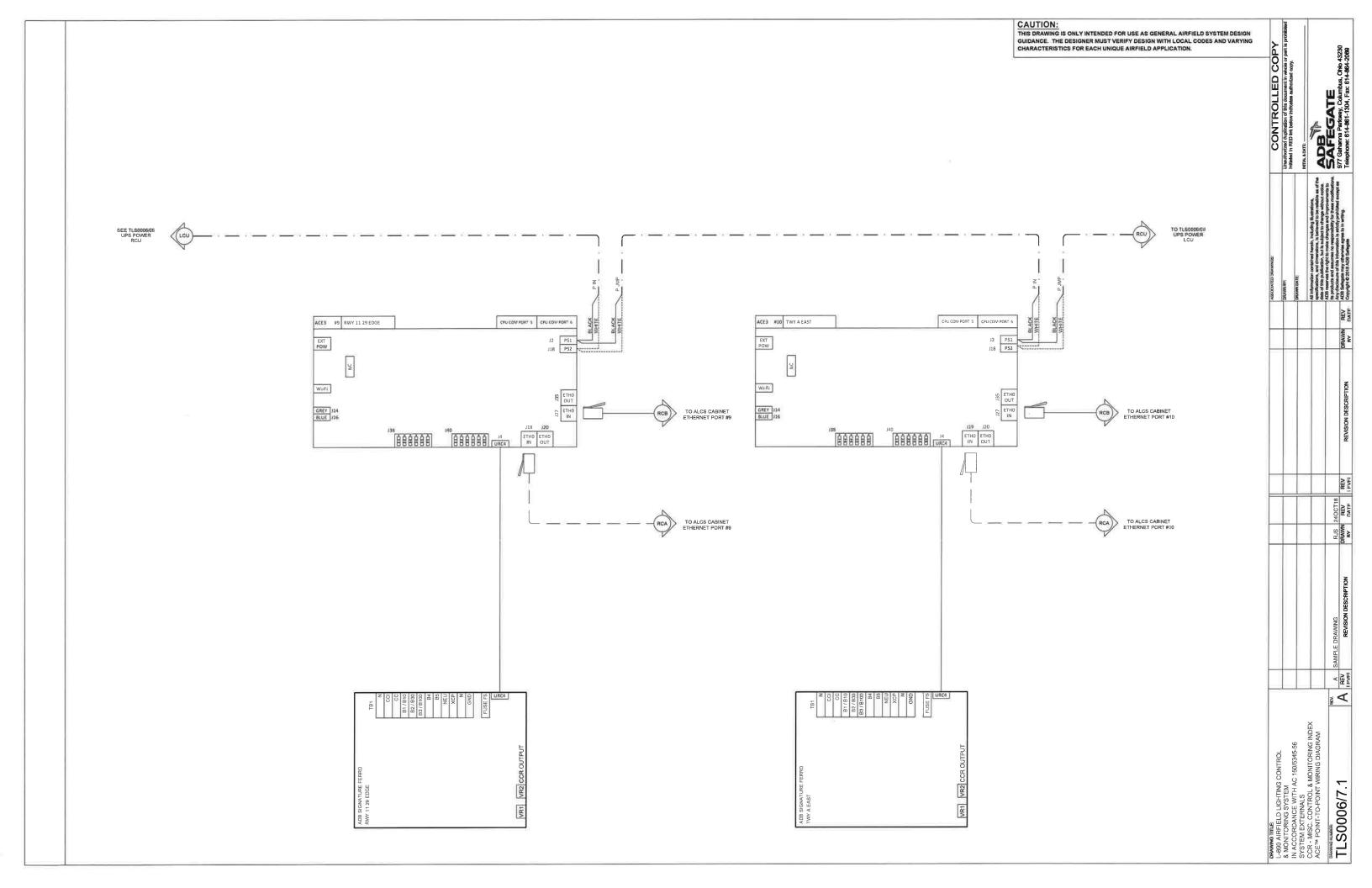
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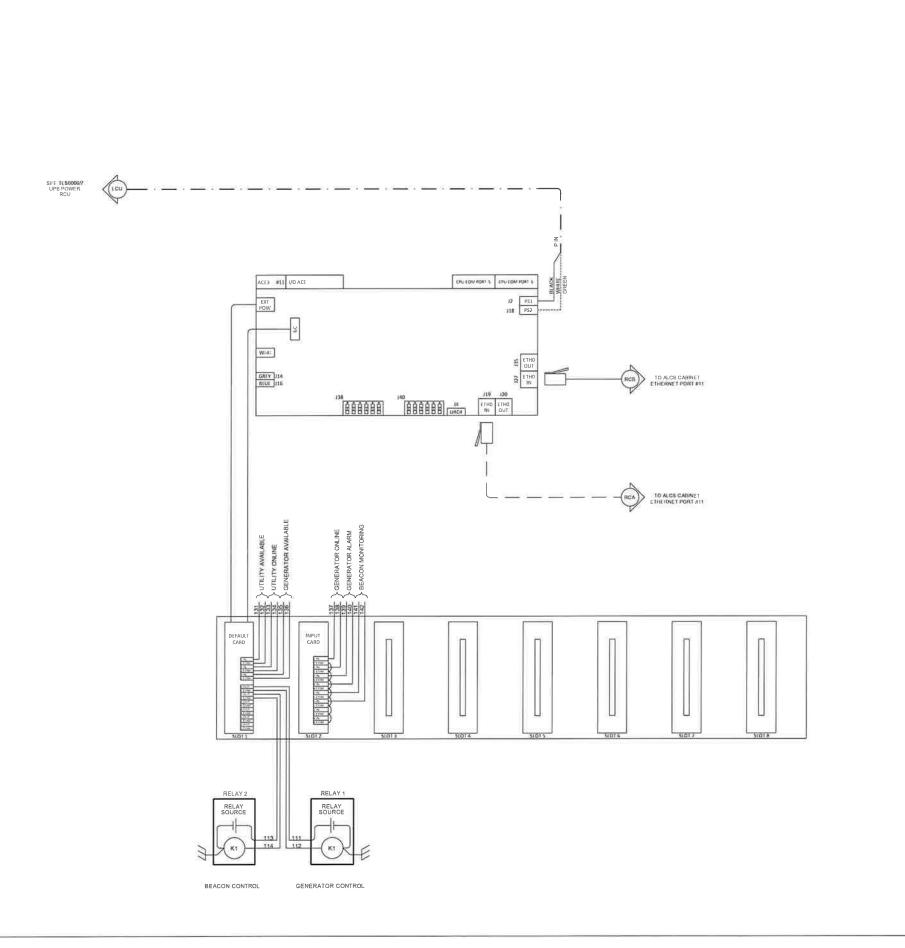












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