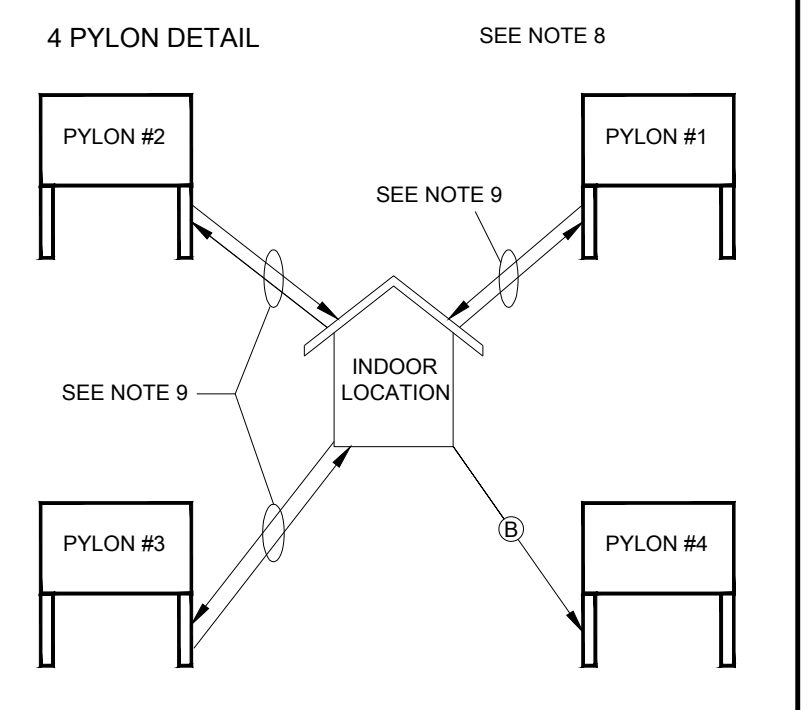


NOTES:

- POWER FEEDER SIZED AS NEEDED, BY CUSTOMER. ALL WIRING TO MEET OR EXCEED LOCAL AND NATIONAL ELECTRICAL CODES.
- COMMUNICATION CABLE IN CONDUIT WHERE REQUIRED.
- 2 KNOCKOUTS PROVIDED FOR 3/4" CONDUIT FITTINGS ON REAR OF DISPLAY FOR POWER AND SIGNAL ENTRANCE.
- 4A. INSTALL QUICK CONNECT IN THE SIGN STRUCTURE NO MORE THAN 8 FEET FROM THE DISPLAY DRIVER. DRILL A 7/8" HOLE TO PASS CONNECTORS THROUGH. USE INCLUDED BUSHINGS WHERE APPLICABLE.
- 4B. INSTALL JBX2, JBX3, JBX4, AND JBX5 AT THE BASE OF THE SIGN STRUCTURE AND RUN PROVIDED CABLING TO QUICK CONNECT. PROVIDED CABLING IS OPTIONALLY RUN THROUGH 3/4" CONDUIT FROM THE BOX TO THE SIGN STRUCTURE. SEE JBX1, JBX2, JBX3, JBX4, AND JBX5 WIRING TABLES FOR WIRE TERMINATIONS.
- 4C. IND JBX1, JBX2, JBX3, JBX4, AND JBX5 CONNECTIONS ARE NOT TO BE USED WITH A LAPTOP.
- REFER TO MANUAL FOR LINE-TO-LINE WIRING BETWEEN DISPLAYS.
- ALL INDOOR COMMUNICATION PROVIDED IN KIT IS AN OPTIONAL INSTALLATION.
- OPTIONAL WIRE NUT LOCATION FOR G OR B CABLES, OR USE SINGLE B CABLE FROM JBX3 TO INDOOR LOCATION TO JBX4
- DISTANCE OF G OR B CABLE FROM JBX TO JBX CAN NOT EXCEED 2000FT
- OPTION TO USE EITHER TWO 2-PAIR B CABLES OR ONE 4-PAIR G CABLE
- DB9 TO DB9 CABLE CAN BE CONNECTED FROM DM-100 DIRECTLY TO JBX2 AT THE BASE OF SIGN STRUCTURE #1. THIS WILL ONLY WORK ON STRUCTURE #1.
- USE JBX WIRING TABLES TO DETERMINE CORRECT WIRE COLORS BASED ON THE TYPE OF CABLES BEING USED. RX+ TO TX+ AND RX- TO TX-
- OPTIONAL WIRE NUT LOCATION FOR G OR B CABLES FOR SIGNAL TO STRUCTURE #3, ALL STRUCTURES WIRED THE SAME AS STRUCTURES #1 AND #2. USE B CABLE FOR SIGNAL TO LAST STRUCTURE.

COMPONENT IDENTIFICATION TABLE			
COMPONENT	DESCRIPTION	PROVIDED BY	INSTALLED BY
DRIVER	FUELIGHT DRIVER	DAKTRONICS	FACTORY
MD	MAIN DISCONNECT	CUSTOMER	CUSTOMER
PS	WALL PACK, 12VDC	DAKTRONICS	CUSTOMER
CTRL	WIRED CONTROLLER (DM-100)	DAKTRONICS	CUSTOMER
IND JBX1 (PCB 0P-1611-0502)	JBOX, INDOOR DIRECT, REFER TO IND JBX1 WIRING TABLE	DAKTRONICS	CUSTOMER
JBX2 (PCB 0P-1611-0503)	JBOX, DIRECT ACCESS, REFER TO JBX2 WIRING TABLES	DAKTRONICS	CUSTOMER
JBX3 (PCB 0P-1611-0503)	JBOX, DIRECT ACCESS, REFER TO JBX3 WIRING TABLES	DAKTRONICS	CUSTOMER
JBX4 (PCB 0P-1611-0503)	JBOX, DIRECT ACCESS, REFER TO JBX4 WIRING TABLES	DAKTRONICS	CUSTOMER
JBX5 (PCB 0P-1611-0503)	JBOX, DIRECT ACCESS, REFER TO JBX5 WIRING TABLES	DAKTRONICS	CUSTOMER

CABLE IDENTIFICATION TABLE			
ID TAG	DESCRIPTION	PROVIDED BY	INSTALLED BY
(A)	CABLE; RS232 DB9 MALE TO DB9 FEMALE, 10FT	DAKTRONICS	CUSTOMER
(B)	CABLE, 22AWG 2-PAIR, GENERAL CABLE 92336A.46.10, 2000FT MAX	CUSTOMER	CUSTOMER
(C)	POWER FEEDER SEE NOTE "1"	CUSTOMER	CUSTOMER
(D)	6 POS QUICK CONNECT PANEL MOUNT TO 6 POS MINI MNL, 8FT	DAKTRONICS	CUSTOMER
(E)	6 POS QUICK CONNECT CABLE TO WHIP, 50FT	DAKTRONICS	CUSTOMER
(F)	CABLE; LINE TO LINE ; 4 POS MINI MNL, 15FT	DAKTRONICS	CUSTOMER
(G)	CABLE, 22AWG 4 PAIR, 2000FT MAX	CUSTOMER	CUSTOMER



REV 02	DATE: 30 OCT 13	ADDED PCB PART NUMBER TO INDOOR AND OUTDOOR JBOX	BY: J.JL
REV 01	DATE: 20 SEP 2013	CORRECTED JBX LABELING AND WIRE TABLE LABELING	BY: J.JL

DAKTRONICS, INC.
BROOKINGS, SD 57006
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PROJ: GEN III FUELIGHT
TITLE: RISER DIAGRAM; MULTIPLE PYLON WIRED; STAR CONFIG

DESIGN: JLAIRD DRAWN: JLAIRD DATE: 23 APR 13

SCALE: NONE

SHEET	REV	JOB NO:	FUNC - TYPE - SIZE	1134226
	02	P1611	F - 01 - B	