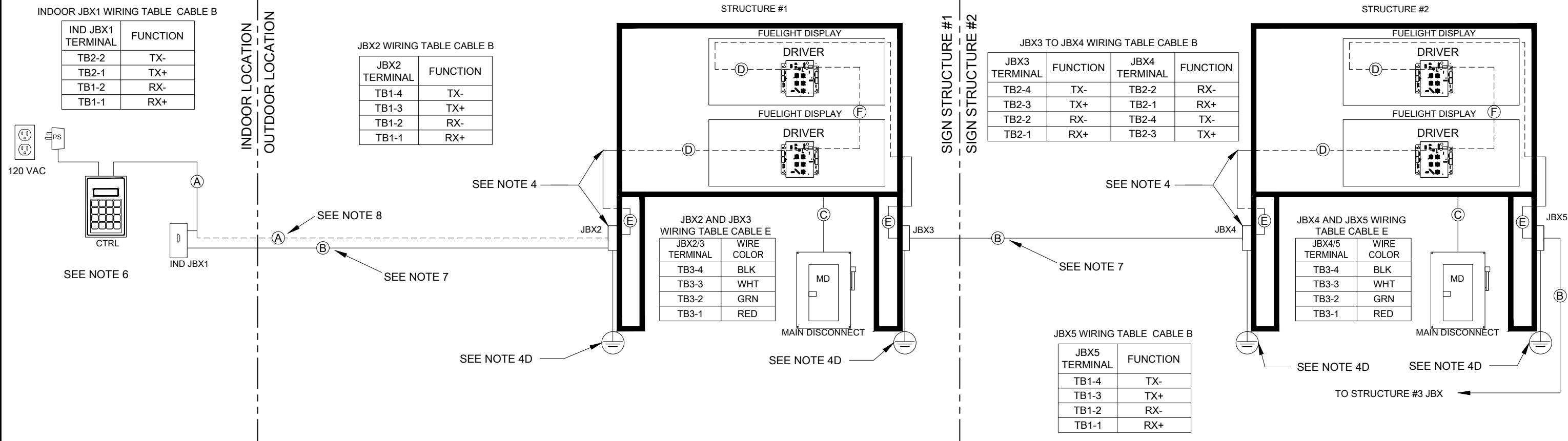


INDOOR CONTROL (PRIMARY)

OUTDOOR CONTROL (SECONDARY)



**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.
- 4D. OUTDOOR JBX MUST BE CONNECTED TO THE INCOMING DISPLAY SAFETY GROUND WIRE USING INCLUDED GROUNDING WIRE.
- REFER TO MANUAL FOR LINE-TO-LINE WIRING BETWEEN DISPLAYS.
- ALL INDOOR COMMUNICATION PROVIDED IN KIT IS AN OPTIONAL INSTALLATION.
- LENGTH OF CABLE B BETWEEN INDOOR LOCATION AND STRUCTURE #1, AND LENGTH FROM STRUCTURE TO STRUCTURE, MUST NOT EXCEED 2000FT
- 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

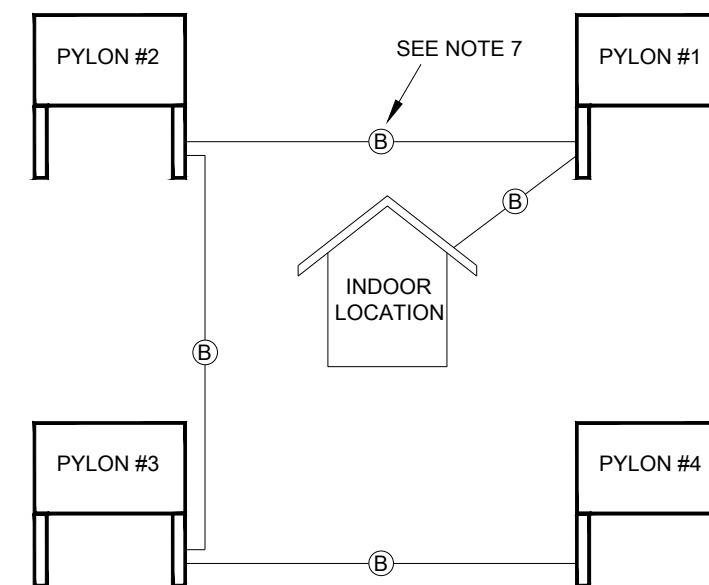
**COMPONENT IDENTIFICATION TABLE**

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-1611-0506)	JBOX, INDOOR DIRECT, REFER TO IND JBX1 WIRING TABLE	DAKTRONICS	CUSTOMER
JBX2 (PCB 0P-1611-0507)	JBOX, DIRECT ACCESS, REFER TO JBX2 WIRING TABLES	DAKTRONICS	CUSTOMER
JBX3 (PCB 0P-1611-0507)	JBOX, DIRECT ACCESS, REFER TO JBX3 WIRING TABLES	DAKTRONICS	CUSTOMER
JBX4 (PCB 0P-1611-0507)	JBOX, DIRECT ACCESS, REFER TO JBX4 WIRING TABLES	DAKTRONICS	CUSTOMER
JBX5 (PCB 0P-1611-0507)	JBOX, DIRECT ACCESS, REFER TO JBX45 WIRING TABLES	DAKTRONICS	CUSTOMER

**COMPONENT IDENTIFICATION TABLE**

COMPONENT	DESCRIPTION	PROVIDED BY	INSTALLED BY
A	CABLE; RS232 DB9 MALE TO DB9 FEMALE, 10FT	DAKTRONICS	CUSTOMER
B	CABLE, 22 AWG 2-PAIR, MANHATTAN M4473, 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

**4 PYLON DETAIL**



**DAKTRONICS, INC.**  
BROOKINGS, SD 57006  
DO NOT SCALE DRAWING

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PROJ: GEN III FUELIGHT  
TITLE: RISER DIAGRAM; MULTIPLE PYLON WIRED IN SERIES  
DESIGN: JLAIRD | DRAWN: JLAIRD | DATE: 17 SEPT 15  
SCALE: NONE

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

**3117935**

REV	DATE:	CORRECTED PART NUMBER ERROR	BY:
01	17 NOV 15	CHANGED M4470 TO M4473	JLL