

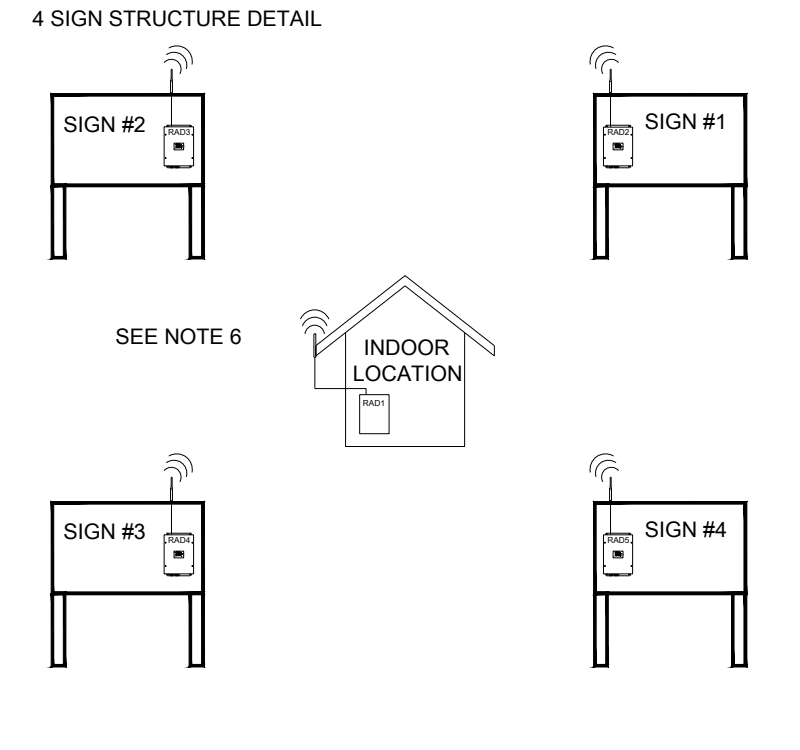
- NOTES**
- POWER FEEDER SIZED AS NEEDED, BY CUSTOMER. ALL WIRING TO MEET OR EXCEED LOCAL AND NATIONAL ELECTRICAL CODES.
 - COMMUNICATION CABLE IN CONDUIT WHERE REQUIRED.
 - 2 KNOCKOUTS PROVIDED FOR 3/4" CONDUIT FITTINGS ON REAR OF DISPLAY FOR POWER AND SIGNAL ENTRANCE.
 - REFER TO MANUAL FOR LINE-TO-LINE WIRING BETWEEN DISPLAYS.
 - ALL INDOOR COMMUNICATION PROVIDED IN KIT IS AN OPTIONAL INSTALLATION.
 - MAX DISTANCE BETWEEN SERVER RADIO AND ANY CLIENT RADIO IS DEPENDANT ON THE ENVIRONMENT IN WHICH THE RADIOS ARE INSTALLED. LINE OF SIGHT IS NOT REQUIRED BUT OBSTACLES IN THE SIGHT LINES WILL AFFECT THE RANGE BETWEEN SERVER AND CLIENT RADIOS.
 - DB9 TO DB9 CABLE CAN BE CONNECTED FROM DM-100 DIRECTLY TO THE JBX AT THE BASE OF EACH SIGN STRUCTURE FOR WIRED CONTROL OF EACH INDIVIDUAL STRUCTURE.
 - 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.
 - INSTALL JBX2 AND JBX3 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 JBX2 AND JBX3 WIRING TABLES FOR WIRE TERMINATIONS.
 - JBX1, AND JBX2 CONNECTIONS ARE NOT TO BE USED WITH A LAPTOP.
 - OUTDOOR JBX MUST BE CONNECTED TO THE INCOMING DISPLAY SAFETY GROUND WIRE USING INCLUDED GROUNDING WIRE.
 - RADIO MOUNTED INSIDE SIGN. DRILL 1/4" HOLE TO MOUNT ANTENNA.

COMPONENT IDENTIFICATION TABLE

COMPONENT	DESCRIPTION	PROVIDED BY	INSTALLED BY
DRIVER	FUELIGHT DRIVER	DAKTRONICS	FACTORY
MD	MAIN DISCONNECT	CUSTOMER	CUSTOMER
PS	POWER SUPPLY, WALL PACK, 12VDC	DAKTRONICS	CUSTOMER
CTRL	WIRED CONTROLLER (DM-100)	DAKTRONICS	CUSTOMER
JBX1 (PCB 0P-1611-0507)	JBOX, DIRECT ACCESS, REFER TO JBX2 WIRING TABLES	DAKTRONICS	CUSTOMER
JBX2 (PCB 0P-1611-0507)	JBOX, DIRECT ACCESS, REFER TO JBX3 WIRING TABLES	DAKTRONICS	CUSTOMER
RAD1	SERVER RADIO	DAKTRONICS	CUSTOMER
RAD2-5	CLIENT RADIO, INCLUDES 25FT OF CABLE	DAKTRONICS	CUSTOMER
ANT1	HIGH GAIN ANTENNA	DAKTRONICS	CUSTOMER
ANT2, ANT3	900MHZ ANTENNA	DAKTRONICS	CUSTOMER

CABLE IDENTIFICATION TABLE

COMPONENT	DESCRIPTION	PROVIDED BY	INSTALLED BY
A	CABLE; RS232 DB9 MALE TO RJ45, 6FT	DAKTRONICS	CUSTOMER
B	ANTENNA EXTENSION CABLE, 50FT	DAKTRONICS	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; RS232 DB9 MALE TO DB9 FEMALE, 10FT	DAKTRONICS	CUSTOMER
K	CABLE, ANTENNA, RP-SMA FEM BULKHEAD TO RP-SMA MAL	DAKTRONICS	CUSTOMER
L	CABLE; RJ45 TO 6 POS QUICK CONNECT, STRAIN RELIEF, 25FT (FROM RADIO)	DAKTRONICS	CUSTOMER



DAKTRONICS

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THIRD ANGLE PROJECTION

PROJECT: GEN III FUELIGHT

TITLE: RISER DIAGRAM; MULTIPLE PYLON, POS, 900MHZ RADIO

DATE: 23 MAR 16

DIM UNITS: INCHES [MILLIMETERS]

SCALE: NONE

DO NOT SCALE DRAWING

DESIGN: JLAIRD

JOB NO. P1611

FUNC - TYPE - SIZE F - 01 - B

DRAWN: JLAIRD

SHEET 00

REV 00

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