

NOTES:

IT IS THE RESPONSIBILITY OF THE ELECTRICAL INSTALLATION CONTRACTOR TO ENSURE THAT ALL ELECTRICAL WORK PERFORMED ON SITE MEETS OR EXCEEDS ALL LOCAL AND NATIONAL ELECTRICAL CODES.

ALL DISPLAYS MUST BE GROUNDED PER ARTICLE 250 AND 600 OF THE **NO** NATIONAL ELECTRICAL CODE WITH **MORE THAN 10 OHMS GROUND RESISTANCE.**

POWER CONTROL FOR DAKTRONICS SUPPLIED EQUIPMENT IS NOT PROVIDED BY DAKTRONICS UNLESS IT IS SPECIFICALLY NOTED IN THE CONTRACTUAL AGREEMENT.

BECAUSE EACH INSTALLATION IS UNIQUE, DAKTRONICS OFFERS THESE INSTRUCTIONS AS **GUIDELINES ONLY**. DAKTRONICS, INC. ASSUMES NO LIABILITY IF INSTALLATION STEPS HAVE BEEN OMITTED OR OTHER NECESSARY PROCEDURES ARE NOT INCLUDED IN THIS SYSTEM RISER DIAGRAM.

THE CONTRACTUAL AGREEMENT WILL DETERMINE THE PARTY OR PARTIES RESPONSIBLE FOR ITEMS LISTED AS FIELD INSTALLED. THIS DRAWING IS NOT INTENDED TO DETERMINE RESPONSIBILITIES AND SHOULD BE USED FOR REFERENCES ONLY.

ACTUAL PLACEMENT OF ELECTRICAL COMPONENTS, SUCH AS PANEL BOARDS, A/C'S, AND SPLICE PANELS, MAY VARY. PLEASE REFERENCE THE SYSTEM SHOP DRAWING FOR THIS DETAIL. THIS DRAWING REPRESENTS A GENERAL MOUNTING LOCATION ONLY.

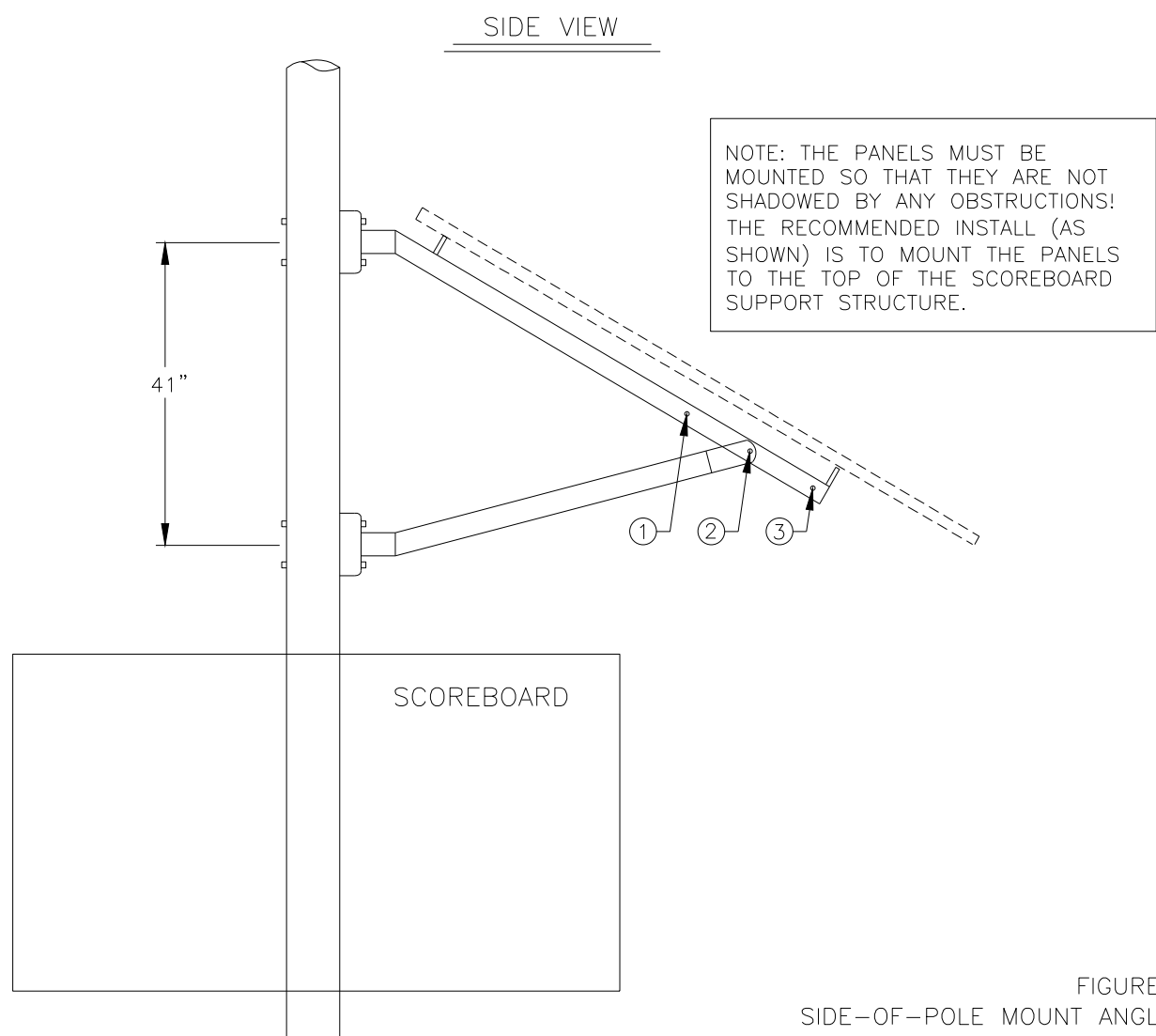
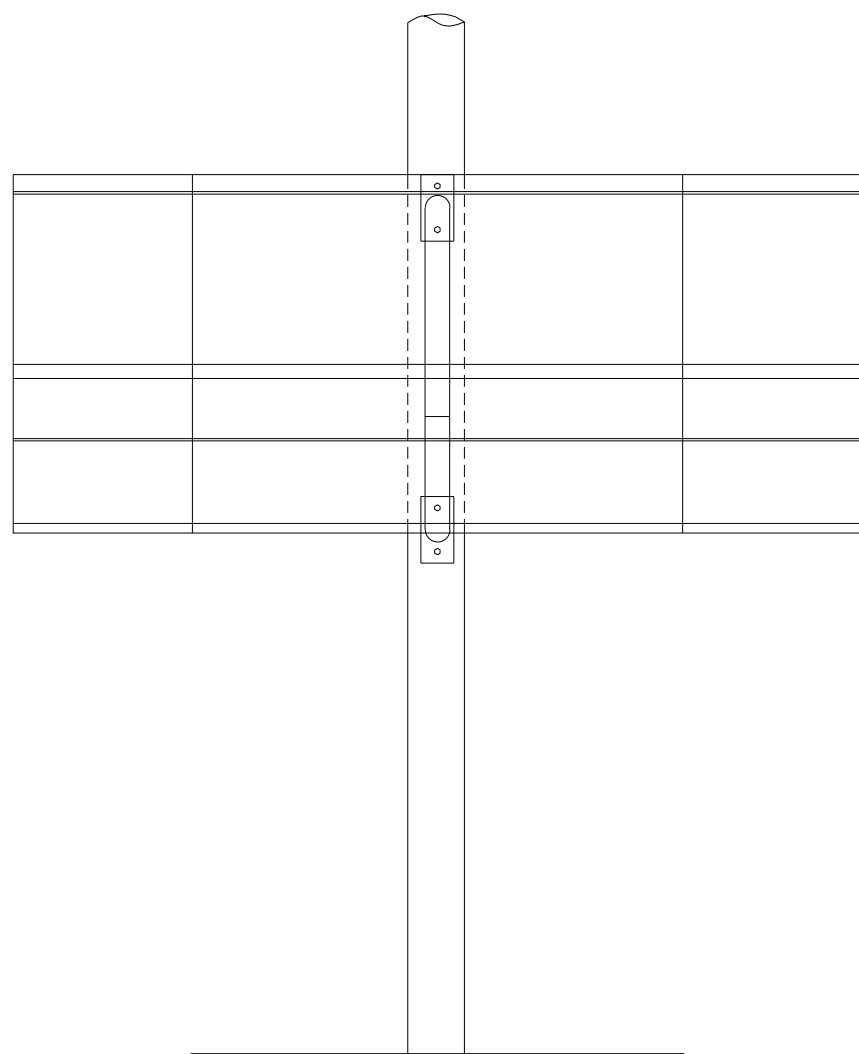


FIGURE 2
SIDE-OF-POLE MOUNT ANGLE ADJUSTMENT (TYPICAL)



ELEVATIONS ANGLE DEGREE FROM HORIZONTAL	DISTANCE X	HOLE NO
55	41"	2

THIS PANEL ANGLE WILL BE SUFFICIENT FOR MOST U.S. INSTALLATIONS. FOR EXTREME NORTH AND SOUTH SITES REFER TO THE SOLAR SYSTEM INSTALLATION MANUAL FOR MORE ACCURATE POSITIONING.

SYSTEM INSTALL: REFER TO THE MANUFACTURER'S MANUAL FOR DETAILED INSTRUCTIONS (FUSES MAY NEED TO BE REMOVED PRIOR TO ELECTRICAL CONNECTION).

SYSTEM TEST:

1. REFER TO THE MANUFACTURER'S MANUAL TO VERIFY THAT THE STATUS LEDS ON THE CHARGE CONTROLLER INDICATE NORMAL OPERATION AND FULLY CHARGED BATTERIES. ENSURE THAT THE BATTERIES DO FULLY CHARGE BEFORE TURNING THE SYSTEM OVER TO THE CUSTOMER
2. MEASURE THE VOLTAGE BETWEEN THE PV+ AND PV- TERMINALS ON THE CHARGE CONTROLLER. IF THE PANELS ARE PROPERLY CONNECTED THERE SHOULD BE MORE THAN 24V ON THESE TERMINALS. THERE MAY BE SLIGHTLY LESS IF THE BATTERIES ARE NOT FULLY CHARGED.

REV 07	DATE: 29 MAY 15	REPLACED PCB IN ELECTRICAL INSTALLATION DETAILS	BY: MJP		DAKTRONICS, INC. BROOKINGS, SD 57006 DO NOT SCALE DRAWING PROJ: OUTDOOR LED SCOREBOARD TITLE: INSTALLATION DIAGRAM: SOLAR POWER SCOREBOARD DESIGN: MMILLER DRAWN: ARICHTE DATE: 23 AUG 07 SCALE: 1=1 SHEET 07 REV P1192 JOB NO. R-01-C FUNC-TYPE-SIZE 315892
REV 06	DATE: 28 JUL 14	ADDED NOTE ABOUT CUSTOM SOLAR PANEL SIZES AND STEEL PIPE SIZES	BY: KDD		
REV 05	DATE: 10 MAR 11	UPDATED TITLE BLOCK AND BORDER. SET ALL TEXT TO OBO SIZE	BY: MMW		
REV 04	DATE: 17 MAY 10	UPDATED SCBD AND HARNESS SECTION PER ADDITIONAL ABILITIES FOR MULTI-DRIVER SOLAR	BY: MMW		
REV 03	DATE: 08 JUN 09	ADDED INSTALLATION NOTES ON SIDE VIEW	BY: RRS		