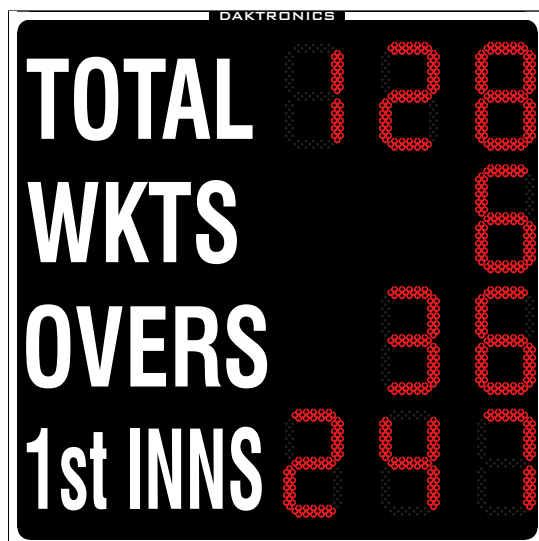


DAKTRONICS CR-2002 PRODUCT SPECIFICATIONS



This outdoor LED cricket scoreboard displays TOTAL, WKTS (wickets), OVERS and 1st INNS. Scoreboard shown with red PanaView® digits.

| DIMENSIONS | UNCRATED WEIGHT | POWER (120 VAC)* | |
|--|-----------------|------------------|---------------------|
| 5'-7" H x 5'-7" W x 8" D (1.7 m, 1.7 m, 203 mm) | 200 lb (91 kg) | Red/Amber Digits | 80 Watts, 0.7 Amp |
| | | White Digits | 170 Watts, 1.5 Amps |

*Scoreboard requires a dedicated circuit. Models with 240 VAC power at half the indicated amperage are also offered (International Use Only).

DIGITS

- All digits are 15" (381 mm) high.
- Select red, amber, or white LED digits.
- Scoreboard features robust weather-sealed digits (see [DD2495646](#)).
- Digits may be dimmed for night viewing.

CAPTIONS

- All captions are 10" (254 mm) high.
- Standard captions are vinyl, applied to the display face.

DISPLAY COLOR

Choose from 150+ colors (from Martin Senour® paint book) at no additional cost.

CONSTRUCTION

Alcoa aluminum alloy 5052 for excellent corrosion resistance

PRODUCT SAFETY APPROVAL

ETL-listed to UL 48, tested to CSA standards, and CE-labeled

OPERATING TEMPERATURES

- Display: -22 to 122° Fahrenheit (-30 to 50° Celsius)
- Console: 32 to 130° Fahrenheit (0 to 54° Celsius)

WWW.DAKTRONICS.COM E-MAIL: SALES@DAKTRONICS.COM

201 Daktronics Drive, PO Box 5128, Brookings, SD 57006
Phone: 1-800-325-8766 or 605-692-0200 Fax: 605-697-4746
DD1756601 091520 Page 1 of 6



DAKTRONICS CR-2002 PRODUCT SPECIFICATIONS

| CONTROL CONSOLE | CONTROL OPTIONS |
|---|---|
| All Sport® 5000 (see SL-03991) | Wired (standard): One-pair shielded cable of 22 AWG minimum is required. A cover plate with mounted connector and standard 2" x 4" x 2" (51 mm x 102 mm x 51 mm) outlet box is provided. Connector mates with signal cable from control console. <hr/> Wireless (optional): 2.4 GHz spread spectrum radio features 64 non-interfering channels and 8 broadcast groups (see SL-04370). |

MOUNTING

Scoreboard is typically mounted on two vertical beams or poles. Hardware to mount scoreboard on two beams is included; hardware for more beams is at additional cost. Standard mounting uses I-beam clamps. Optional mounting method using angle brackets is also offered; maximum beam width is 12" (305 mm) and maximum beam depth is 22" (559 mm). Refer to attached drawings for more information on mounting methods.

SERVICE ACCESS

Digit panels and electronics are serviced from the front of the scoreboard.

GENERAL INFORMATION

Scoreboard provides scoring capabilities for two teams. 100% solid state electronics are housed in an all aluminum cabinet. Scoreboard is shipped in one section. Scoreboard power is to be provided on a dedicated circuit to prevent loss of game information due to failure of another component on the circuit. Specifications and pricing are subject to change without notice.

OPTIONS & ACCESSORIES

- Multiple caption colors (see [DD2101644](#))
- Optional angle bracket mounting method
- Advertising/identification panels
- Decorative accents
- Electronic message centers and video displays in multiple sizes

ADVERTISING/IDENTIFICATION PANELS

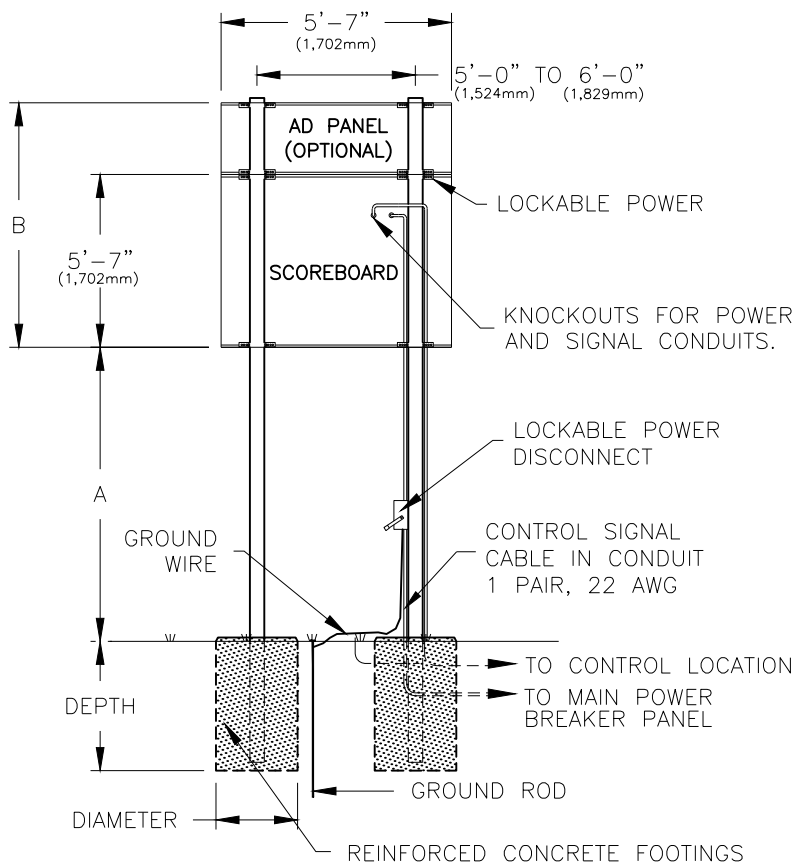
Backlit & Non-Backlit Top/Bottom:

- 1'-6" H x 5'-7" W (457 mm, 1.7 m)
- 2'-0" H x 5'-7" W (610 mm, 1.7 m)
- 2'-6" H x 5'-7" W (762 mm, 1.7 m)

For additional non-backlit panel sizes, see [SL-03761](#).

FOR ADDITIONAL INFORMATION

- Installation Specifications: DWG-1194639 (attached)
- Standard I-beam Mounting: DWG-1129110 (attached)
- Optional Pole Mounting: DWG-1130246 (attached)
- Component Locations: DWG-3603155 (attached)
- Architectural Specifications: See [SL-07554](#)



CR-2002

REAR VIEW

NOTES:

1. FOOTING AND COLUMN SIZES ARE SUGGESTIONS ONLY, PROVIDED TO ASSIST WITH ESTIMATING INSTALLATION COSTS AND ARE NOT INTENDED FOR CONSTRUCTION PURPOSES. THE DESIGN MUST BE CERTIFIED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF THE INSTALLATION BEFORE THEY CAN BE USED FOR FABRICATION OR ERECTION.
2. INTERNATIONAL BUILDING CODE 2012 USED IN DESIGN OF COLUMNS AND FOOTINGS WITH, IMPORTANCE FACTOR=1, Kzt=1.0, Kd=0.85, G=0.85. SEISMIC DESIGN WAS NOT CONSIDERED.
3. FOOTING DIMENSIONS ARE BASED ON ASSUMED SOIL CLASS 4 (ALLOWABLE LATERAL BEARING PRESSURE OF 150 psf).
4. STRUCTURAL STEEL IS GRADE A992 (50 ksi) STEEL. CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 2500 psi.
5. THE AVERAGE DISPLAY WEIGHT FOR A LAYOUT CAN NOT EXCEED 8 PSF.
6. DAKTRONICS INC. IS NOT RESPONSIBLE FOR STRUCTURES DESIGNED AND INSTALLED BY OTHERS.
7. LOCAL BUILDING OFFICIALS SHOULD BE CONTACTED TO DETERMINE THE WIND SPEED AND EXPOSURE CATEGORY FOR THE PROPOSED SIGN LOCATION. THE EXPOSURE CATEGORY C IS DEFINED AS:
EXPOSURE B - URBAN AND SUBURBAN AREAS, OR OTHER TERRAIN WITH NUMEROUS SPACED OBSTRUCTIONS HAVING THE SIZE OF SINGLE-FAMILY DWELLINGS OR LARGER. THESE CONDITIONS MUST PREVAIL FOR A DISTANCE FROM THE SIGN OF AT LEAST 2,600 ft OR 20 TIMES THE SIGN HEIGHT, WHICHEVER IS GREATER

EXPOSURE C - OPEN TERRAIN WITH SCATTERED OBSTRUCTIONS HAVING HEIGHTS GENERALLY LESS THAN 30 FT. THIS CATEGORY INCLUDES FLAT OPEN COUNTRY, GRASSLANDS, AND ALL WATER SURFACES IN HURRICANE PRONE REGIONS.


8. FOR SPECIFIC PRODUCT DETAILS ON WEIGHT, MOUNTING, ETC. REFER TO THE INDIVIDUAL PRODUCT SPECIFICATION SHEETS.

TABLE A - MOUNTING

| MODEL CR-2002 - EXPOSURE B | | | | | | | |
|------------------------------|----------|--------------------|---------|----------------------|-------------|-------------|-------------|
| DISTANCE "A" (SEE FIGURE) | AD PANEL | TOTAL DISPLAY SIZE | | DESIGN WIND VELOCITY | | | |
| | | | | 115 MPH | 130 MPH | 150 MPH | 170 MPH |
| 10'-0" | NONE | 5'-7" | BEAM | W 6X15 | W 6X15 | W 6X15 | W 6X15 |
| | 2'-0" | 7'-7" | FOOTING | 2.0' x 4.5' | 2.0' x 5.0' | 2.0' x 5.5' | 2.0' x 6.0' |
| 15'-0" | NONE | 5'-7" | BEAM | W 6X15 | W 6X15 | W 6X20 | W 6X20 |
| | 2'-0" | 7'-7" | FOOTING | 2.0' x 5.0' | 2.0' x 5.5' | 2.0' x 6.0' | 2.0' x 6.5' |
| 15'-0" | NONE | 5'-7" | BEAM | W 6X15 | W 6X15 | W 6X20 | W 6X20 |
| | 2'-0" | 7'-7" | FOOTING | 2.0' x 5.0' | 2.0' x 5.5' | 2.0' x 6.0' | 2.0' x 6.5' |
| 15'-0" | NONE | 5'-7" | BEAM | W 6X20 | W 6X20 | W 6X20 | W 8X24 |
| | 2'-0" | 7'-7" | FOOTING | 2.0' x 6.0' | 2.0' x 6.5' | 2.0' x 7.0' | 2.0' x 7.5' |

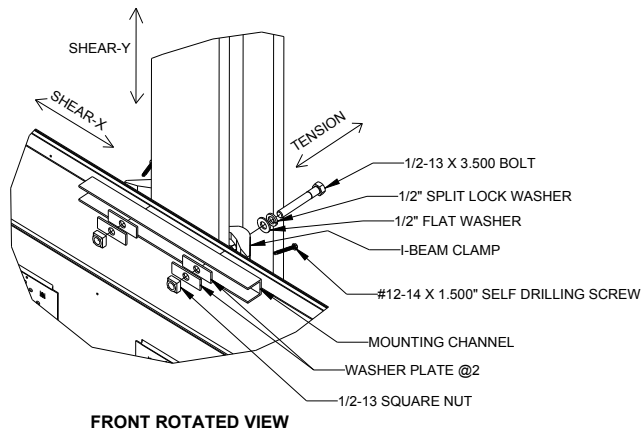
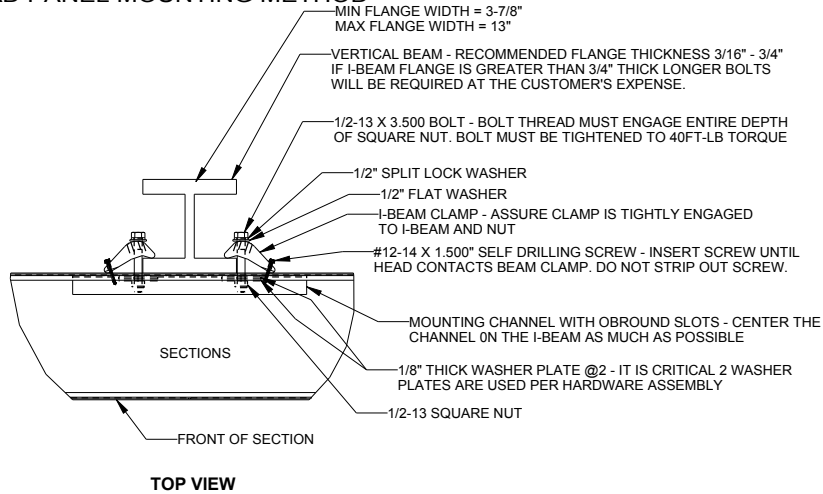
| MODEL CR-2002 - EXPOSURE C | | | | | | | |
|------------------------------|----------|--------------------|---------|----------------------|-------------|--|--|
| DISTANCE "A" (SEE FIGURE) | AD PANEL | TOTAL DISPLAY SIZE | | DESIGN WIND VELOCITY | | | |
| | | | | 115 MPH | 140 MPH | | |
| 10'-0" | NONE | 5'-7" | BEAM | W 6X15 | W 6X15 | | |
| | 2'-0" | 7'-7" | FOOTING | 2.0' x 5.0' | 2.0' x 6.0' | | |
| 15'-0" | NONE | 5'-7" | BEAM | W 6X15 | W 6X20 | | |
| | 2'-0" | 7'-7" | FOOTING | 2.0' x 6.0' | 2.0' x 7.0' | | |
| 15'-0" | NONE | 5'-7" | BEAM | W 6X15 | W 6X20 | | |
| | 2'-0" | 7'-7" | FOOTING | 2.0' x 6.0' | 2.0' x 6.5' | | |
| 15'-0" | NONE | 5'-7" | BEAM | W 6X20 | W 8X24 | | |
| | 2'-0" | 7'-7" | FOOTING | 2.0' x 6.5' | 2.0' x 7.5' | | |

FOOTING DIMENSIONS = DIAMETER X DEPTH

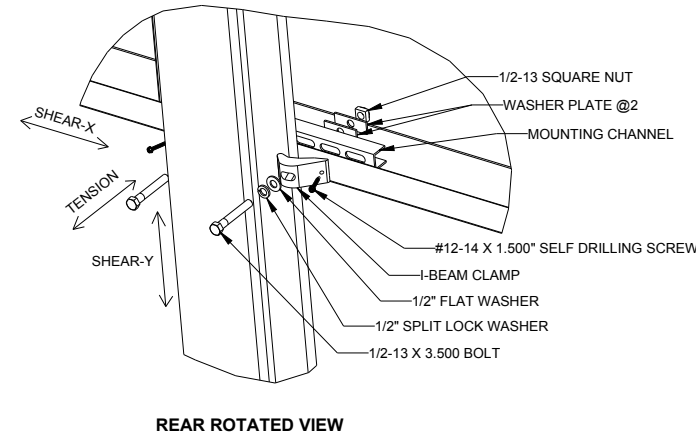
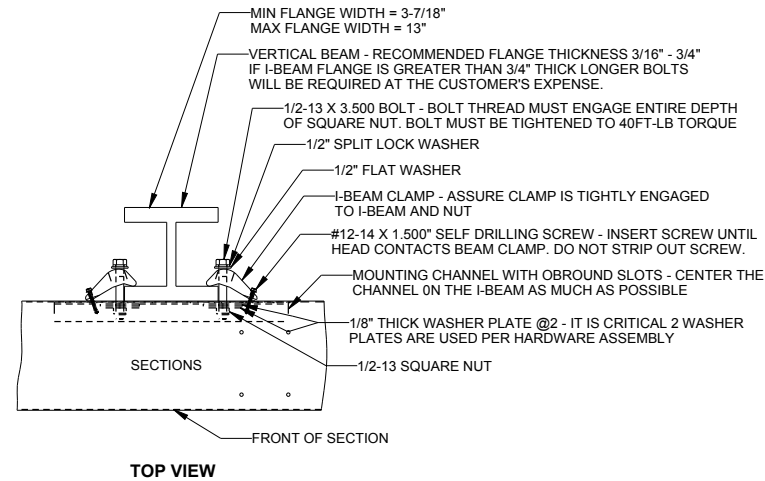
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|--|-----------|---|--------------------------|
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| | | | |
| PROJ: CRICKET SCOREBOARDS TITLE: INSTALLATION SPECS: CR-2002 | | | |
| DESIGN: RNEYEN SCALE: 1=80 | | DRAWN: MHOLTQU DATE: 23OCT14 | |
| SHEET 1 OF 1 | REV 01 | JOB NO: P1344 | FUNC-TYPE-SIZE E-10-A |
| | | | 1194639 |

| REV | DATE | MODIFIED TABLE HEADINGS TO MATCH TITLE | BY |
|-----|-----------|--|-----|
| 01 | 01 DEC 15 | | AMP |

**STANDARD SHEETMETAL SCOREBOARD/BACKLIT
AD PANEL MOUNTING METHOD**



STANDARD NON-BACKLIT AD PANEL MOUNTING METHOD



**QUALIFIED FOR SECTIONS UP TO 5' IN HEIGHT
USING RECOMMENDED STRUCTURE**

ALLOWABLE CAPACITY PER EACH CLAMP:
SHEAR = 160 LBS
TENSION = 1376 LBS

SHEAR AND TENSION LOAD
DIRECTION ARE AS INDICATED ON
ROTATED VIEWS

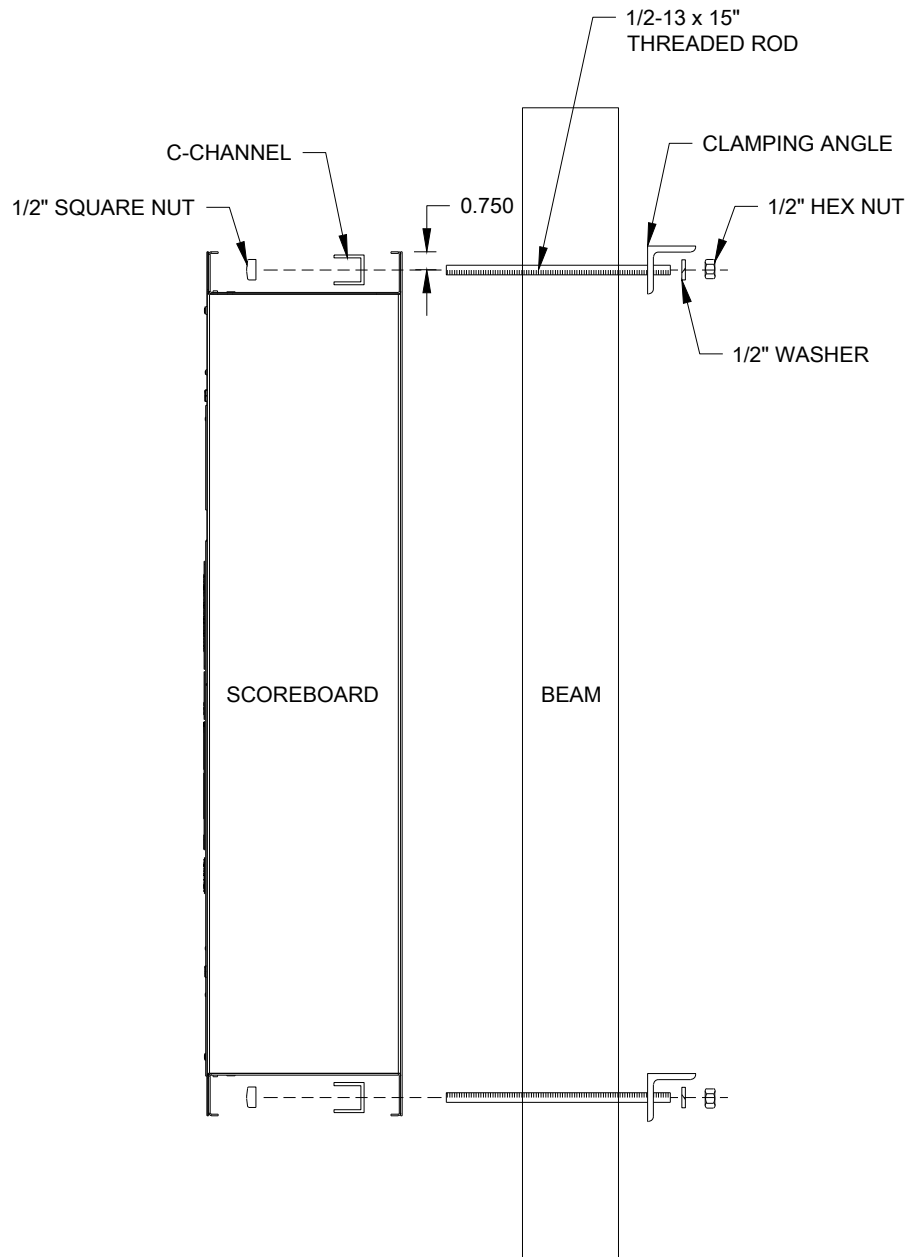
MOUNTING INSTRUCTIONS:

1. LIFT THE FIRST SECTION OF THE DISPLAY INTO POSITION AGAINST I-BEAMS.
NOTE: IF THE DISPLAY IS MADE UP OF MULTIPLE SECTIONS ALWAYS INSTALL THE BOTTOM SECTION FIRST AND WORK UP.
2. STARTING ON THE TOP OF THE SECTION BEING INSTALLED MARK AND DRILL 9/16\"
3. INSTALL ALL THE HARDWARE SHOWN PROVIDED AND TIGHTEN THE SECTION IN THE DESIRED LOCATION.
4. ONCE THE TOP OF THE SECTION IS SECURE MOVE TO THE BOTTOM OF THE SECTION AND REPEAT THE STEPS ABOVE.
5. IF THE DISPLAY IS MADE OF MULTIPLE SECTIONS REPEAT THE ENTIRE PROCEDURE ABOVE.
6. ENSURE ALL 1/2\"

| | | | | |
|-----------|--------------------|--|-------------|--|
| REV 02 | DATE: 17 JUN 15 | CHANGED TENSION CAPACITY TO 1376 LBS ADDED MINIMUM AND MAXIMUM FLANGE WIDTHS | BY: AMP | |
| REV 01 | DATE: 8 JAN 14 | ADDED ALLOWABLE TENSION AND SHEAR CAPACITY DETAILS ADDED NON-BLIT AD PANEL MOUNTING DETAILS CHANGED DWG TO B SIZED | BY: JAVA | |


| | | | | |
|-------------------|-----------|-------------------|------------------------------|-----------------|
| DESIGN: KSCHNABEL | | DRAWN: KSCHNABEL | | DATE: 17-JUN-15 |
| SCALE: 1/8 | | | | |
| SHEET: 1 OF 1 | REV 02 | JOB NO: P 1753 | FUNC-TYPE-SIZE E - 10 - B | 1129110 |

| | | |
|--|---------------------|--|
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| | BROOKINGS, SD 57006 | |
| DO NOT SCALE DRAWING | | |
| PROJ: OUTDOOR SCOREBOARD | | |
| TITLE: I-BEAM CLAMP MOUNTING, SHEET METAL ATTACHMENT | | |
| DESIGN: KSCHNABEL | | |
| DRAWN: KSCHNABEL | | |
| DATE: 17-JUN-15 | | |
| SCALE: 1/8 | | |
| SHEET: 1 OF 1 | REV 02 | JOB NO: P 1753 |
| FUNC-TYPE-SIZE E - 10 - B | | 1129110 |



MOUNTING INSTRUCTIONS:

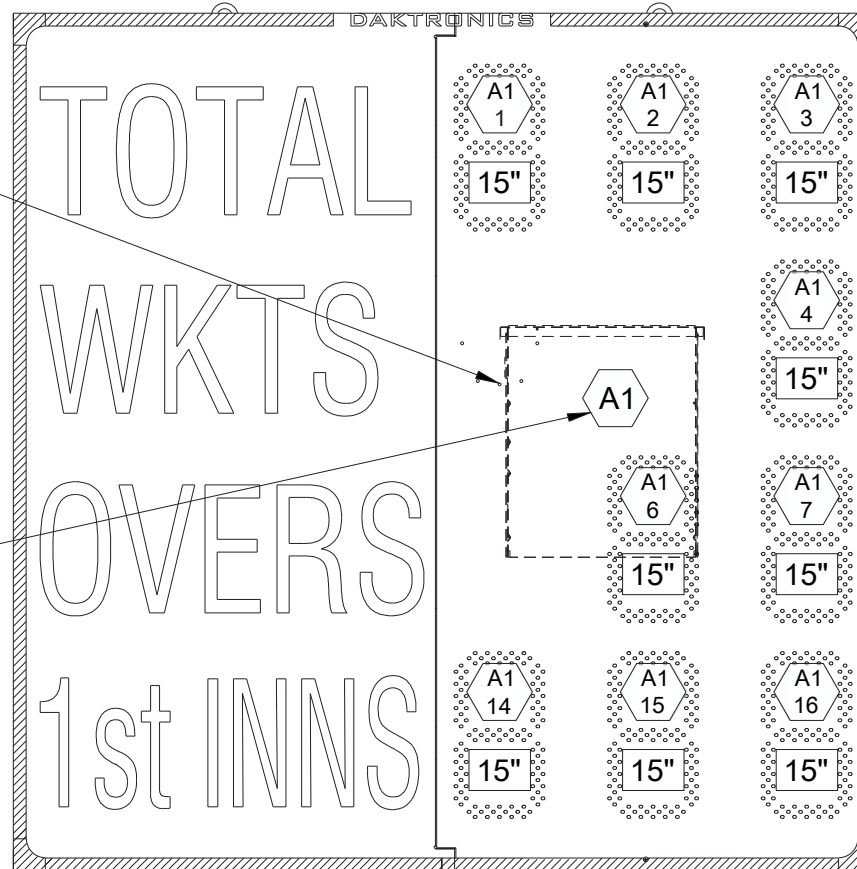
1. USE THE MOUNTING CHANNEL TO DETERMINE WHICH HOLE COMBINATION SHOULD BE USED. BE SURE TO KEEP THE BOLT AS CLOSE TO THE BEAM AS POSSIBLE.
2. USING THE MOUNTING CHANNEL AS A TEMPLATE, DRILL 9/16" HOLES IN THE UPPER AND LOWER REAR FLANGE OF SCOREBOARDS WHERE THE SUPPORTS WILL GO.
3. PLACE SQUARE NUTS INSIDE CHANNEL AND THREAD BOLTS THROUGH.
4. LIFT SCOREBOARD INTO POSITION WITH BOLTS STILL IN PLACE.
5. PLACE MOUNTING ANGLES OVER EACH PAIR OF BOLTS AND SECURE WITH LOCK WASHERS AND HEX NUTS.
6. WHEN SCOREBOARD IS ADJUSTED TO FINAL DESIRED POSITION, TIGHTEN HEX NUTS FIRMLY.

| | | | |
|--|-----------|---|--------------------|
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| | | | |
| PROJ: OUTDOOR SHEET METAL SCOREBOARDS | | | |
| TITLE: SCOREBOARD MOUNTING | | | |
| DESIGN: KDRAGT | | DRAWN: KDRAGT | |
| SCALE: 1=8 | | DATE: 14 MAR 13 | |
| SHEET | REV | JOB NO: | FUNC - TYPE - SIZE |
| | 00 | P1753 | E - 10 - A |
| | | | 1130246 |

CR-2002

OPTIONAL
RADIO

PRIMARY DRIVER (A1)
(KNOCKOUTS FOR $\frac{1}{2}$ " CONDUIT)
SIGNAL OPTION ON THIS DRIVER
(WIRE, FIBER, OR RADIO)




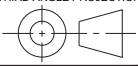
FRONT VIEW

NOTES:

A1 = DRIVER NUMBER

**A1
1** = DIGIT DESIGNATION

X" = DIGIT SIZE

| | | | |
|---|---------------------------------|--|---|
| REV 01 | DATE: 24 AUG 20 | PER CN-108565 REMOVED LABELS TO MOVE TO NEW STANDARD | BY: TAN |
|  | | THE CONCEPTS EXPRESSED AND DETAILS SHOWN ON THIS DRAWING ARE CONFIDENTIAL AND PROPRIETARY. DO NOT REPRODUCE BY ANY MEANS WITHOUT THE EXPRESS WRITTEN CONSENT OF DAKTRONICS, INC. OR ITS WHOLLY OWNED SUBSIDIARIES. COPYRIGHT 2017 DAKTRONICS, INC. (USA) | THIRD ANGLE PROJECTION  |
| PROJECT: CRICKET SCOREBOARD | | | |
| TITLE: COMPONENT LOCATION; CR-2002-101X-R/A/W-PV-120-F | | | |
| DATE: 28 MAR 17 | DIM UNITS: INCHES [MILLIMETERS] | SHEET 1 OF 1 | REV 01 |
| SCALE: 1=10 | DO NOT SCALE DRAWING | | |
| DESIGN: MRAUERT | JOB NO. P1344 | FUNC - TYPE - SIZE E - 07 - A | 3603155 |
| DRAWN: MRAUERT | | | |