

**PROSPECT HEIGHTS SCHOOL DISTRICT 23
DISTRICT 23 BUILDINGS & SITES COMMITTEE MEETING
TUESDAY, MARCH 4, 2025
GRODSKY ADMINISTRATION BUILDING
700 N SCHOENBECK RD
PROSPECT HEIGHTS, IL 60070 at 8:00 AM**

Engage ALL students in experiences that inspire EACH to grow as learners, individuals, and community members.

AGENDA

I. Call to Order

II. Discussion Items

A. Plan for Concrete Repair, Crack Filling and Striping - Main Campus & Eisenhower 2
On an annual basis, Administration reviews the conditions of the parking lots and interior roads. In doing so, we evaluate all conditions and include specific areas in our upcoming bid for concrete repair, striping and crack filling services.

B. PHYBS Field Improvements 3
PHYBS is proposing several improvements to the field to take place over the spring. They include a scoreboard, semi-permanent fencing and electrical power to their shed.

III. Adjournment

DISTRICT ORGANIZATIONAL GOALS

- **Student Success:** Ensure ALL students are well rounded and emotionally and academically prepared for success in high school.
- **Teaching, Learning, and Innovation:** Encourage a learning environment that emphasizes excellence and retains high quality staff.
- **Family and Community Partnership:** Actively engage and communicate with all families to foster collaborative relationships that benefit student learning and understanding of district priorities.
- **Facilities & Financial Planning:** Advance effective use of resources to support safe, learner ready facilities and to maximize student learning.



Striping - The Striping on Aiken
Cross Streets

April
BOE

PHYBS Proposal for Electricity

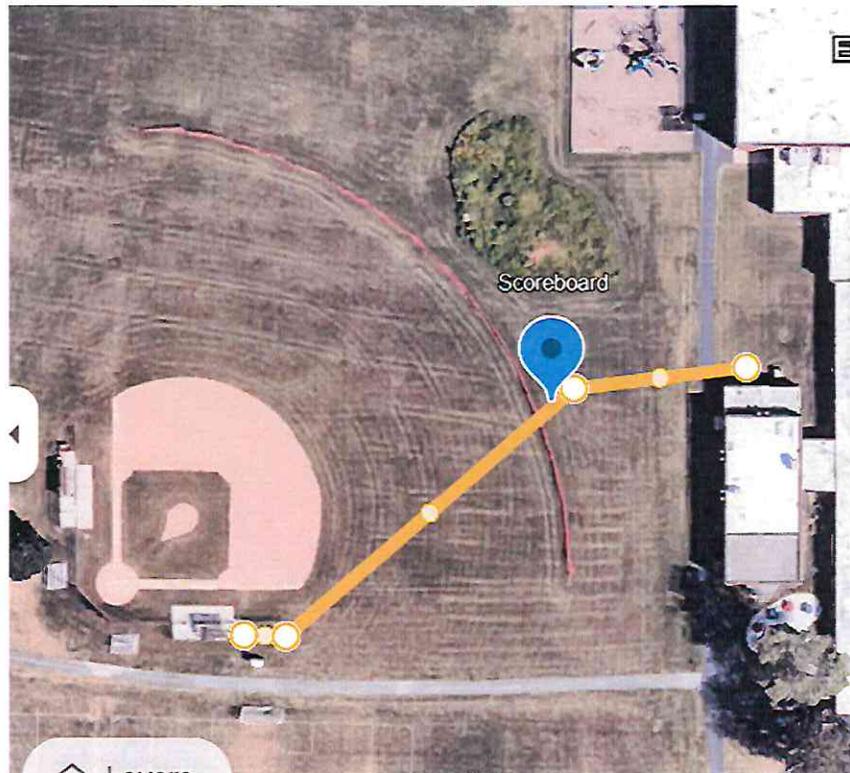
Scope

PHYBS would like to extend electricity from Betsy Ross (on wall across from Green ground box west to Center field (scoreboard), then Southwest to the shed (approximately 290 feet in total). Our Electrician will add a new box outside Betsy Ross next to other electrical boxes with a 60 amp circuit. Bolder will run 4-gauge wire (4 strands which includes a ground) through 1 and ¾ PVC buried at 18 inches deep per city code. This PVC/wire would run under the walking path as to not disturb the structure and approximately 90 feet west of school to area designated for the scoreboard (if approved). An electrical box will be installed on the scoreboard beam (City Electric) and PVC/wire will then run from that box to the shed (approximately 200 feet). The shed would have a locked outlet (City Electric to install) on exterior as well as an interior outlet. Electricity for scoreboard and occasional PHYBS use is estimated at less than \$5 per month throughout the season (May 1st to July 31)

Vendor: Home Depot

Installer: City Electric 5410 Newport Dr, Suite 21 Rolling Meadows, IL 60008.
Bolder Landscaping 314 W School St Villa Park, IL 60181

Projected date of work: March 27/28



PHYBS Board



Proposal

5410 Newport Drive, Suite 31 Phone # (773) 282-7186
 Rolling Meadows, IL. 60008

Date	Estimate #
2/26/2025	24440-JC

Name / Address	Project Information
Prospect Heights School District 23 700 N. Schoenbeck Rd. Prospect Heights, IL 60070	Baseball Field Power Sullivan Elementary School 710 N Schoenbeck Rd. Prospect Heights, IL 60070

Description	Total
<ul style="list-style-type: none"> - Furnish and install conduit and wire from electrical panel, with spare space, for new 2 pole 30 amp breaker. - Provide J-box on exterior wall. - 1" conduit and #4 THHN. - Provide 600' of #4 THHN and 200' of #6 THHN for ground. - Trenching, backfill, and 1" conduit run will be done by others. - City Service will pull in new cable and provide a new 30 amp fused disconnect. - Permit by others. <p>Notes:</p> <ul style="list-style-type: none"> - All work to be done on straight time; Monday-Friday 7:00a.m.-3:30p.m. - No accelerated schedule. - No fire alarm included. - No permit fees included. - No painting or patching included. - No other electrical work is included in this proposal. - Invoices paid with a credit card will be charged a 3% convenience fee. 	5,620.00

Terms	WE HEREBY PROPOSE TO FURNISH LABOR AND MATERIALS COMPLETE IN ACCORDANCE WITH THE ABOVE SPECIFICATIONS, FOR THE SUM OF:	\$5,620.00
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ACCEPTANCE OF PROPOSAL

The above prices, specifications and conditions are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

DATE _____ Signature _____

All material is guaranteed to be as specified. All work to be completed in a workmanlike manner according to standard practices. Any alteration or deviation from above specifications involving extra costs will be executed only upon written change orders, and will become an extra charge over and above the estimate. All agreements contingent upon strikes, accident or delays beyond our control. This proposal is subject to acceptance within 30 days and it is void thereafter at the option of City Service Electric, Inc.

ESTIMATE

Bolder Lawns LLC

314 West School Street
Villa Park, IL 60181
(847) 754-4763
info@bolderlawns.com



To:
Brad Alpert
103 East Kenilworth Avenue
Prospect Heights, IL 60070

Estimate # 18738
Estimate Date 02/26/2025
Total Amount \$8,640.00

Item		Quantity	Price	Line Total
labor sidework excavate	700 Schoenbeck Road (Betsy Ross)	1.0	\$2,160.00	\$2,160.00
labor sidework pvc + pull wire		1.0	\$2,160.00	\$2,160.00
labor sidework- install sign		2.0	\$2,160.00	\$4,320.00

Subtotal: \$8,640.00
Tax: \$0.00
Past Due Amount: \$0.00
Total Amount: \$8,640.00

Any revisions or additions to this estimate will require a new estimate and scheduled date for work. All check payments are to be made payable to "Bolder Lawns LLC". Any variations will not be accepted and marked VOID. For side-work projects, upon accepting this estimate, a non-refundable "Placeholder" will be invoiced. The remaining payments are as follows: 70% when scheduled and 30% due upon completion.

Notes

labor sidework - Description

Labor includes,
Includes Excavate
At a depth of 18"
Pvc electrical line

Labor Pvc + wire pull

Glue pvc
Install pvc and
pull wire as we go.
Materials provided by client(donated by home depot)

Labor install sign

Day 1

Pick up metal post. (Post provided by client)

Cut post to size.

Make holes in soil for concrete base.

Install steel post secure them Level and parallel to each other.

Pour concrete base around the post.

Or mount them to the concrete base depending on post base.

Day 2

Prime steel post (will work with my paint supplier to see if they can donate primer and paint.)

Paint steel post

install sign (provided by client)

No additional cost.

Install fence socket kit 49.

Socket kit provide by client.

SCAN WITH PHONE CAMERA TO OPEN THIS ESTIMATE ONLINE



PHYBS Proposal for Home Run Fence

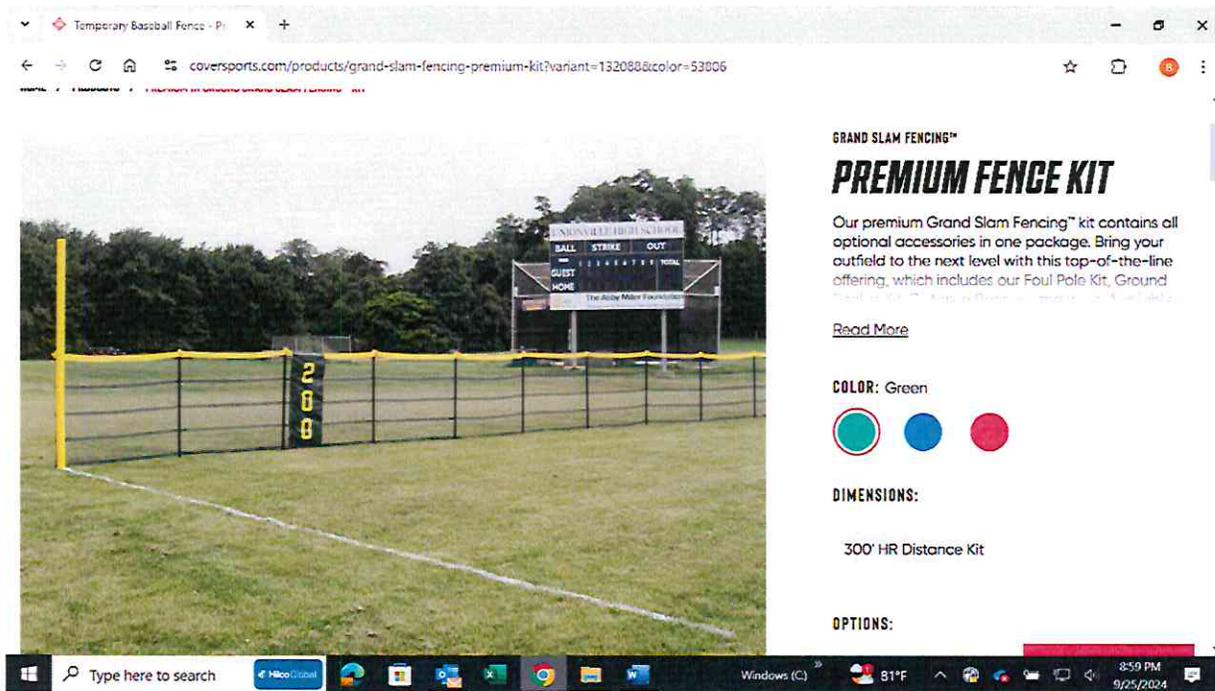
Scope

PHYBS would like to replace the existing home run fence at Phantom Field with a safer and easier to install upgraded fencing system. 49 12 inch Sockets would be semi permanently installed around the outfield fence line which will provide sturdier and safer poles as well as an easier installation and removal process. Previous fencing systems were made of cheaper cloth and garden stakes that become dangerous over time as they bend. The grand slam fencing system will cost approximately \$2700 and be installed by Bolder Landscape. The new fence will replace the existing fence in exact same area as previously installed and will be taken down every year at season end similar to prior years. This will be stored inside the shed.

Vendor / Model: Anytime Baseball / Grand Slam

Installer: Bolder Landscaping 314 W School St Villa Park, IL 60181

Projected date of work: March 28



PHYBS Board

Grand Slam Fencing Premium Fence Kit



Fencing Kit Features

- Kit includes fence, foul pole kit, custom banners, socket kit, distance banners, and more.
- Our premium kit offers substantial savings over purchasing all of the accessories separately.
- Easy installation - Transform your field in just hours, with no heavy-duty equipment required!
- Not just good looks - enjoy the benefits of increased stability (socket kit), clearer calls on the field (foul pole kit), and home run distance visibility (distance banners).

Premium Fencing Package Includes:

- Outfield fencing - Create a portable home run fence for a softball, little league team, or baseball field
- Foul Pole Kit - Clearly marks foul pole territory and provides a finished look
- Tape measure, auger, socket tool, cable ties - Included tools allow for easy installation
- Ground Sockets and Caps - Additional ground reinforcement helps withstand the extra wind load on the fence from the banners; caps cover sockets when not in use
- Distance Banners- 3 Distance Banners included. Add a pro look and clearly mark home run distances.

PHYBS Proposal for Electronic Scoreboard

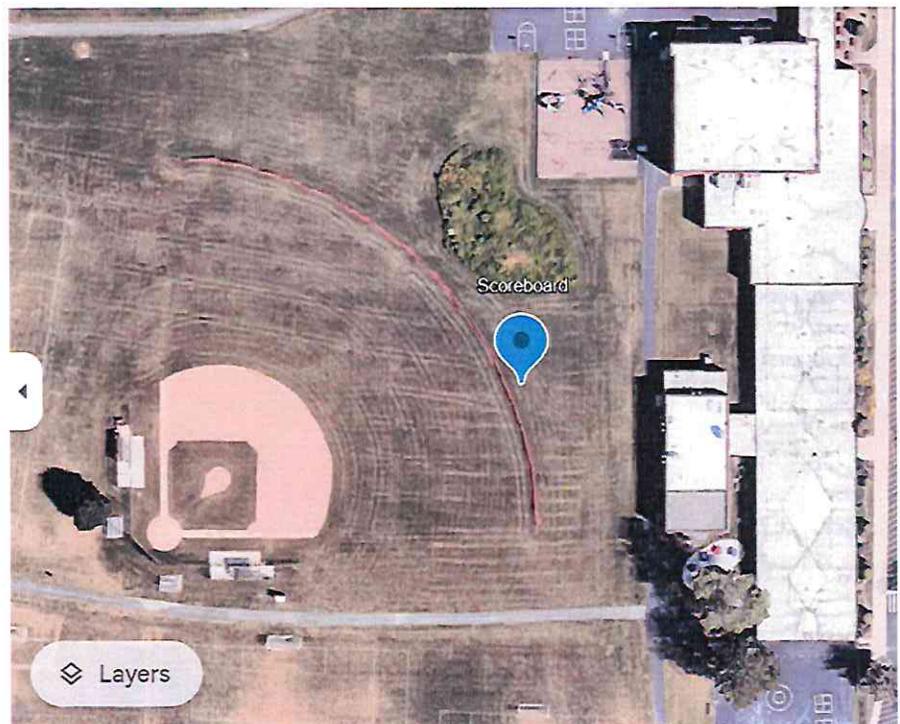
Scope

PHYBS on contingency that electricity proposal is approved would like to install an electronic scoreboard in right field to avoid the thermos grid. 2 permanent support beams would have to be cemented down 72 inches per Vendors recommendation (or cement bases with beams secured to bases) and the cost would be approximately \$9,700 (includes field name template). The board would measure 10 feet off the ground level to avoid vandalism. The exact area is 90 feet west of the end of Betsy Ross where the outdoor Green electrical box is located. The scoreboard measures 9X4 (with one 2 X4 sign which would say Phantoms and weighs approximately 100 pounds (total sign would then be 9X6). Installation scope is included in the Bolder landscaping quote.

Vendor: Sievert Electric / Daktronics Model BA-2518

Installer: Bolder Landscaping 314 W School St Villa Park, IL 60181

Projected date of work: March 28 April 26 (posts and Scoreboard)



PHYBS Board

- private locator for geo thermal
so it's fully marked with depth incl.
- Confirm District will bill PHYBS for electrical monthly

DAKTRONICS BA-2518 PRODUCT SPECIFICATIONS



This outdoor LED baseball/softball scoreboard displays HOME and GUEST scores to 99, INNING to 9 and indicates BALL to three, STRIKE to two and OUT to two. Scoreboard shown with optional striping and amber PanaView® digits.

DIMENSIONS	UNCRATED WEIGHT	POWER (120 VAC)*	
4'-0" H x 9'-0" W x 8" D (1.22 m, 2.74 m, 203 mm)	96 lb (44 kg)	Red/Amber Digits	80 Watts, 0.7 Amp
		White Digits	160 Watts, 1.4 Amps

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

DIGITS & INDICATORS

- All digits are 18" (457 mm) high. All indicators are 2" (51 mm) in diameter.
- Select red, amber, or white LED digits and indicators.
- Scoreboard features robust weather-sealed digits (see [DD2495646](#)).
- Digits may be dimmed for night viewing.

CAPTIONS

- HOME, GUEST and INNING captions are 8" (203 mm) high. All other captions are 6" (152 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)

DAKTRONICS BA-2518 PRODUCT SPECIFICATIONS

CONTROL CONSOLES	CONTROL OPTIONS
<p>All Sport® 1600* (see SL-04352)</p> <p><i>*May be upgraded to</i> All Sport 5000 (see SL-03991)</p>	<p>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.</p> <hr/> <p>Wireless (optional): 2.4 GHz spread spectrum radio features 64 non-interfering channels and 8 broadcast groups (see SL-04370).</p>
<p>RC-200 (see DD3715714)</p>	<p>Optional wireless handheld controller features 2.4 GHz spread spectrum radio with 64 non-interfering channels and 8-10 hours of operation via internal rechargeable battery.</p>
<p>DAK Score & MX-1 (see DD3888368)</p>	<p>CUSTOMER-SUPPLIED mobile device or tablet with DAK Score app installed communicates via Bluetooth® wireless technology to an MX-1 Interface Box that controls the scoreboard through 2.4 GHz radio or wired connection.</p>

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 10" (254 mm) and maximum beam depth is 13" (330 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

- Scoreboard border striping
- Multiple caption and striping colors (see [DD2101644](#))
- Team name caption in place of HOME
- Individual digit protective screens (see [SL-04939](#))
- Protective netting (see [DD2690927](#))
- 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 9'-0" W (457 mm, 2.74 m)
- 2'-0" H x 9'-0" W (610 mm, 2.74 m)
- 2'-6" H x 9'-0" W (762 mm, 2.74 m)

Non-Backlit Sides:

- 4'-0" H x 4'-0" W (1.22 m, 1.22 m)

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

FOR ADDITIONAL INFORMATION

- Installation Specifications: DWG-1183247 (attached)
 - > One Ad Panel: DWG-1174962 (attached)
 - > Two Ad Panels: DWG-1183252 (attached)
- Standard I-beam Mounting: DWG-1129110 (attached)
- Optional Pole Mounting: DWG-1130246 (attached)
- Component Locations: DWG-1124598 (attached)
- Architectural Specifications: See [DD1739294](#)

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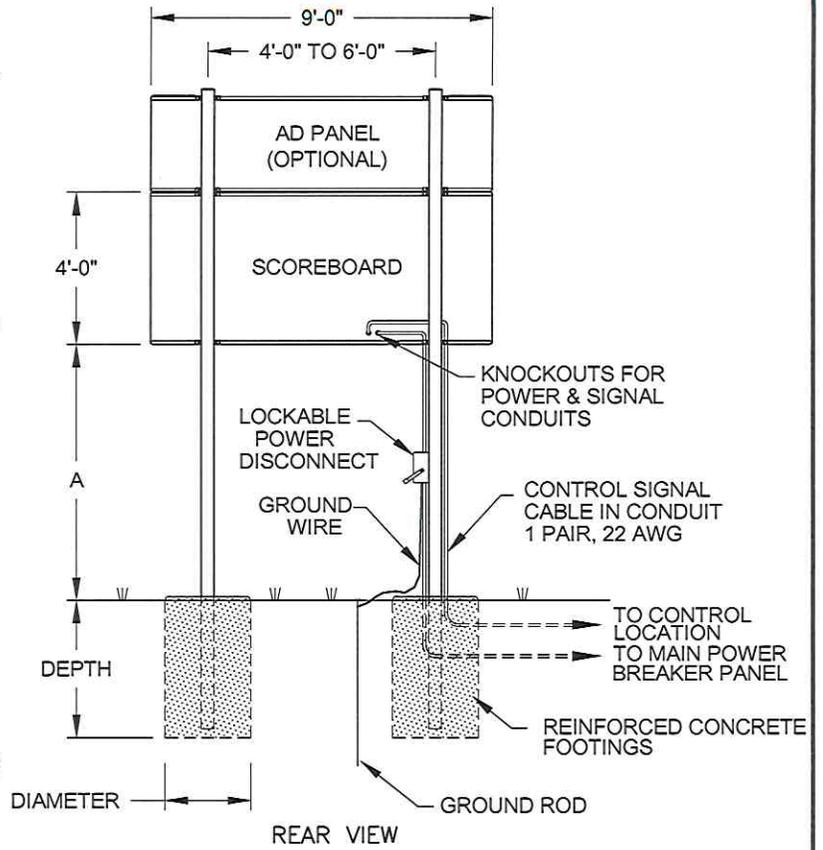
NOTES:

- 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.
- 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.
- FOOTING DIMENSIONS ARE BASED ON ASSUMED SOIL CLASS 4 (ALLOWABLE LATERAL BEARING PRESSURE OF 150 psf).
- STRUCTURAL STEEL IS GRADE A992 (50 ksi) STEEL. CONCRETE SHALL HAVE A MINIMUM 28 DAY COMPRESSIVE STRENGTH OF 2500 psi.
- THE AVERAGE DISPLAY WEIGHT FOR A LAYOUT CAN NOT EXCEED 8 PSF.
- DAKTRONICS INC. IS NOT RESPONSIBLE FOR STRUCTURES DESIGNED AND INSTALLED BY OTHERS.
- LOCAL BUILDING OFFICIALS SHOULD BE CONTACTED TO DETERMINE THE WIND SPEED AND EXPOSURE CATEGORY FOR THE PROPOSED SIGN LOCATION. THE EXPOSURE CATEGORIES B AND C ARE DEFINED AS:

EXPOSURE B - URBAN AND SUBURBAN AREAS, WOODED AREAS, OR OTHER TERRAIN WITH NUMEROUS CLOSELY 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.



EXPOSURE B

MODEL BA-2518 WITHOUT AD PANEL						
DISTANCE "A" (SEE FIGURE)	TOTAL DISPLAY SIZE		DESIGN WIND VELOCITY			
			115 MPH	130 MPH	150 MPH	170 MPH
10'-0"	9'-0" x 4'-0"	BEAM	W8x10	W8x13	W8x15	W8x17
		FOOTING	2'-0"x4'-6"	2'-0"x5'-0"	2'-0"x6'-0"	2'-0"x6'-6"
15'-0"	9'-0" x 4'-0"	BEAM	W8x18	W8x18	W8x21	W8x21
		FOOTING	2'-0"x5'-6"	2'-0"x6'-0"	2'-0"x6'-6"	2'-0"x7'-0"

EXPOSURE C

MODEL BA-2518 WITHOUT AD PANEL				
DISTANCE "A" (SEE FIGURE)	TOTAL DISPLAY SIZE		DESIGN WIND VELOCITY	
			115 MPH	140 MPH
10'-0"	9'-0" x 4'-0"	BEAM	W8x13	W10x17
		FOOTING	2'-0"x5'-6"	2'-0"x6'-6"
15'-0"	9'-0" x 4'-0"	BEAM	W8x18	W8x21
		FOOTING	2'-0"x6'-0"	2'-0"x7'-0"

FOOTING = DIAMETER X DEPTH

EXPOSURE C

MODEL BA-2518 WITH 30"-HIGH HORIZONTAL AD PANEL				
DISTANCE "A" (SEE FIGURE)	TOTAL DISPLAY SIZE		DESIGN WIND VELOCITY	
			115 MPH	140 MPH
10'-0"	9'-0" x 6'-6"	BEAM	W8x18	W8x21
		FOOTING	2'-0"x6'-6"	2'-0"x7'-6"
15'-0"	9'-0" x 6'-6"	BEAM	W6x20	W8x24
		FOOTING	2'-0"x7'-6"	2'-0"x8'-6"

EXPOSURE B

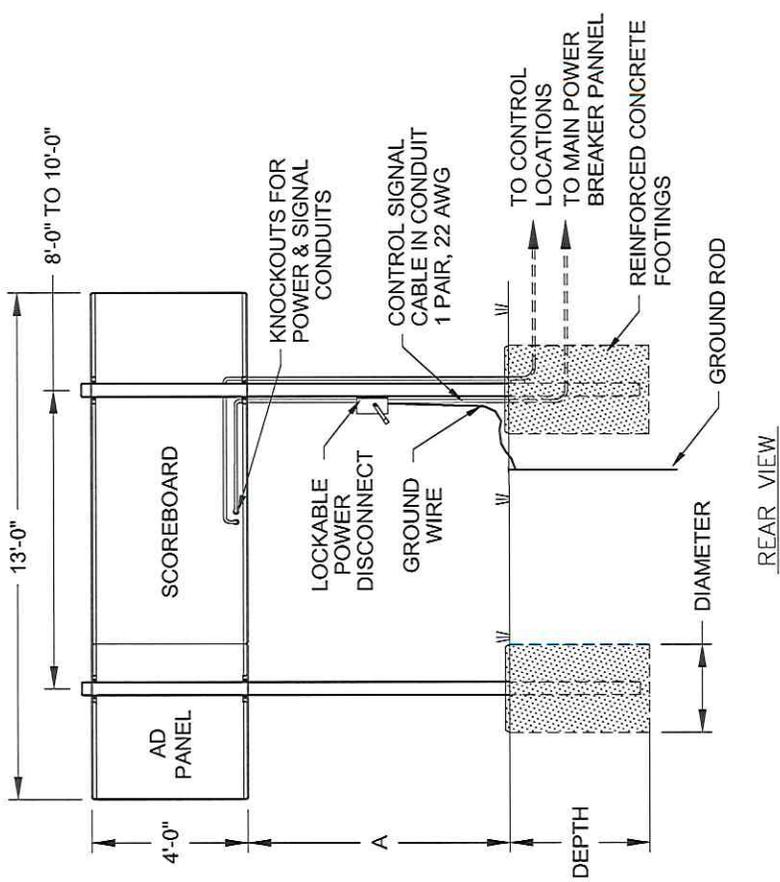
MODEL BA-2518 WITH 30"-HIGH HORIZONTAL AD PANEL						
DISTANCE "A" (SEE FIGURE)	TOTAL DISPLAY SIZE "B"		DESIGN WIND VELOCITY			
			115 MPH	130 MPH	150 MPH	170 MPH
10'-0"	9'-0" x 6'-6"	BEAM	W6x15	W6x20	W8x21	W8x21
		FOOTING	2'-0"x5'-6"	2'-0"x6'-0"	2'-0"x6'-6"	2'-0"x7'-0"
15'-0"	9'-0" x 6'-6"	BEAM	W8x21	W8x24	W8x24	W8x24
		FOOTING	2'-0"x6'-6"	2'-0"x7'-0"	2'-0"x7'-6"	2'-0"x8'-6"

	DAKTRONICS, INC. BROOKINGS, SD 57006		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. COPYRIGHT 2014 DAKTRONICS, INC.	
	DO NOT SCALE DRAWING			
PROJ: OUTDOOR SCOREBOARDS				
TITLE: INSTALLATION SPECIFICATIONS- BA-2518				
DESIGN: A VANBEMMEL		DRAWN: TTASCHN		DATE: 22JUL14
SCALE: 1/4"=60'				
SHEET	REV	JOB NO:	FUNC-TYPE-SIZE	1183247
00	P1091	R-10-A		

REV	DATE:	BY:
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NOTES:

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REAR VIEW

EXPOSURE B

HEIGHT ABOVE GRADE (A) (FT)	DISPLAY HEIGHT (FT)	COLUMN FOOTING	DESIGN WIND VELOCITY			
			115 MPH	130 MPH	150 MPH	170 MPH
10'	4'-0"	COLUMN FOOTING	W6X15 2'-0"x5'-6"	W6X15 2'-0"x6'-0"	W6X15 2'-0"x7'-0"	W6X20 2'-0"x7'-6"
15'	4'-0"	COLUMN FOOTING	W6X20 2'-0"x6'-6"	W6X20 2'-0"x7'-0"	W8X24 2'-0"x7'-6"	W8X24 2'-0"x8'-6"

EXPOSURE C

HEIGHT ABOVE GRADE (A) (FT)	DISPLAY HEIGHT (FT)	COLUMN FOOTING	DESIGN WIND VELOCITY			
			115 MPH	140 MPH	170 MPH	170 MPH
10'	4'-0"	COLUMN FOOTING	W6X15 2'-0"x6'-6"	W6X15 2'-0"x7'-6"	W6X20 2'-0"x7'-6"	W8X24 2'-0"x8'-6"
15'	4'-0"	COLUMN FOOTING	W6X20 2'-0"x7'-6"	W6X20 2'-0"x7'-6"	W8X24 2'-0"x8'-6"	W8X24 2'-0"x8'-6"

FOOTING DIMENSIONS = DIAMETER X DEPTH

REV 01	DATE: 01 APR 16	REMOVED MODEL NUMBERS TO MAKE DWG GENERIC	BY: KDD
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PROJECT: OUTDOOR LED SCOREBOARDS			
TITLE: INSTALLATIONS SPECS: 4'X9' MODELS- 1 AD, 13' WIDE DISPLAY			
REV 01	DATE: 21 MAY 14	DIM UNITS: INCHES (MILLIMETERS)	SHEET
SCALE: 1/80			DO NOT SCALE DRAWING
DESIGN: TTASCHN	JOB NO. P1192	FUND - TYPE - SIZE R-10-A	1174962
 <small>THIRD ANGLE PROJECTION</small>			

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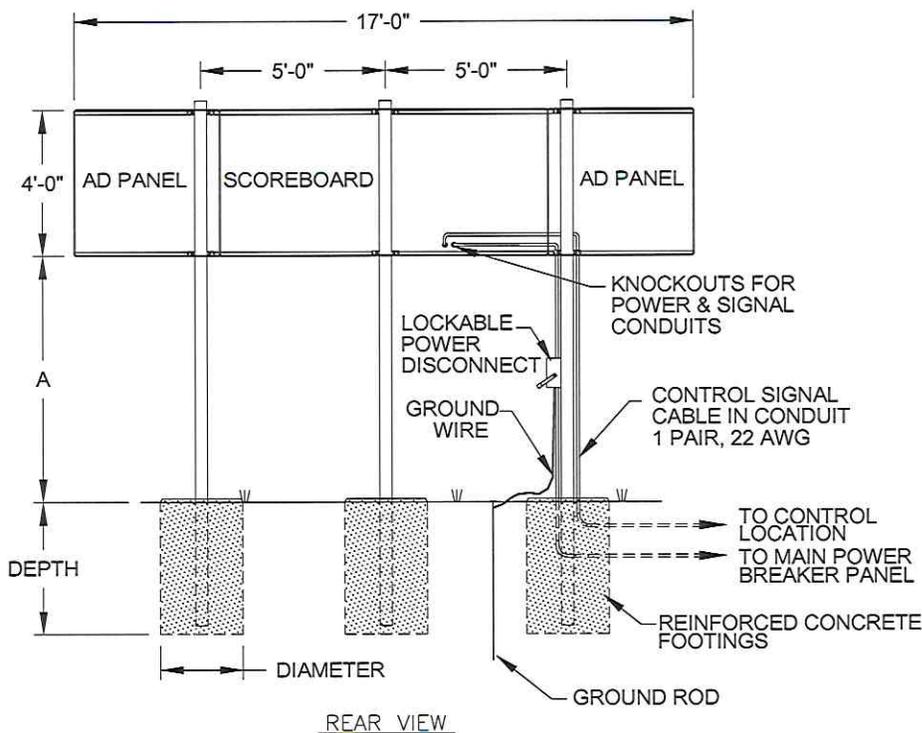
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EXPOSURE B

MODEL BA-2518 WITH SIDE AD PANELS @2						
DISTANCE "A" (SEE FIGURE)	TOTAL DISPLAY SIZE		DESIGN WIND VELOCITY			
			115 MPH	130 MPH	150 MPH	170 MPH
10'-0"	17'-0" x 4'-0"	BEAM FOOTING	W6X15 3'-0" X 4'-0"	W6X15 3'-0" X 4'-6"	W6X15 3'-0" X 5'-0"	W6X15 3'-0" X 5'-6"
15'-0"	17'-0" x 4'-0"	BEAM FOOTING	W8X18 3'-0" X 4'-6"	W8X21 3'-0" X 5'-0"	W8X21 3'-0" X 5'-6"	W4X13 3'-0" X 6'-0"

FOOTING = DIAMETER X DEPTH

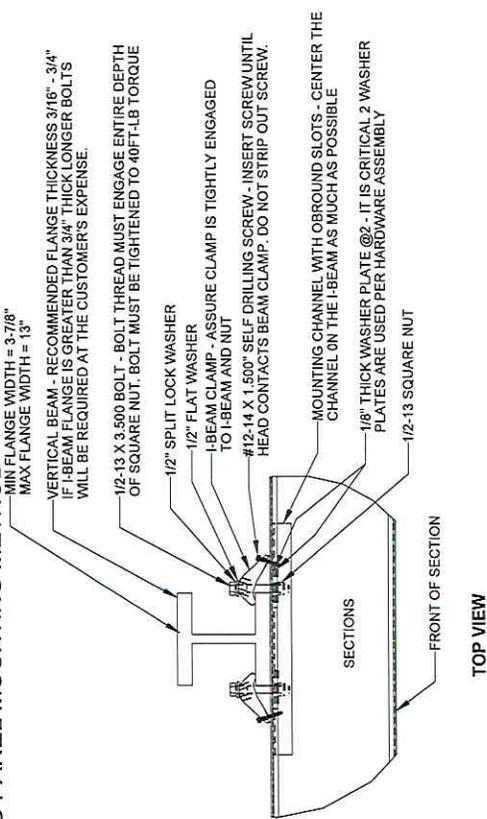
EXPOSURE C

MODEL BA-2518 WITH SIDE AD PANELS @2				
DISTANCE "A" (SEE FIGURE)	TOTAL DISPLAY SIZE		DESIGN WIND VELOCITY	
			115 MPH	140 MPH
10'-0"	17'-0" x 4'-0"	BEAM FOOTING	W6X15 3'-0" X 4'-6"	W6X15 3'-0" X 5'-0"
15'-0"	17'-0" x 4'-0"	BEAM FOOTING	W8X21 3'-0" X 5'-0"	W8X24 3'-0" X 5'-6"

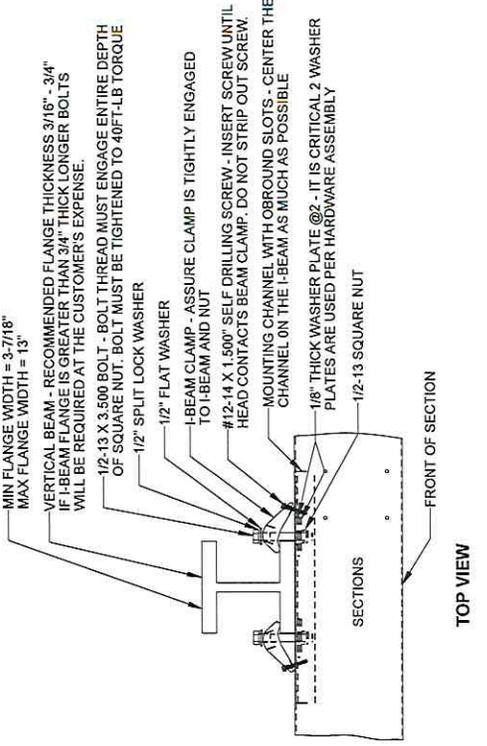
FOOTING = DIAMETER X DEPTH

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	PROJ: OUTDOOR SCOREBOARDS TITLE: INSTALLATION SPECIFICATIONS- BA-2518 W/ 2 ADS DESIGN: JBRIGGS DRAWN: TTASCHN DATE: 22JUL14 SCALE: 1/4" = 1'-0"			
REV DATE:	BY:	SHEET 00	JOB NO: P1091	FUNC-TYPE-SIZE R - 08 - A
1183252				

STANDARD SHEETMETAL SCOREBOARD/BACKLIT AD PANEL MOUNTING METHOD



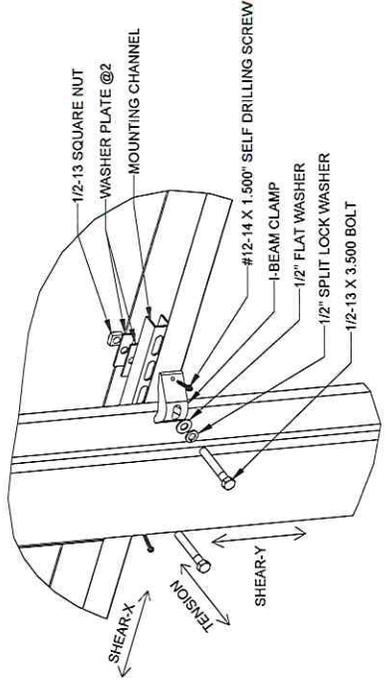
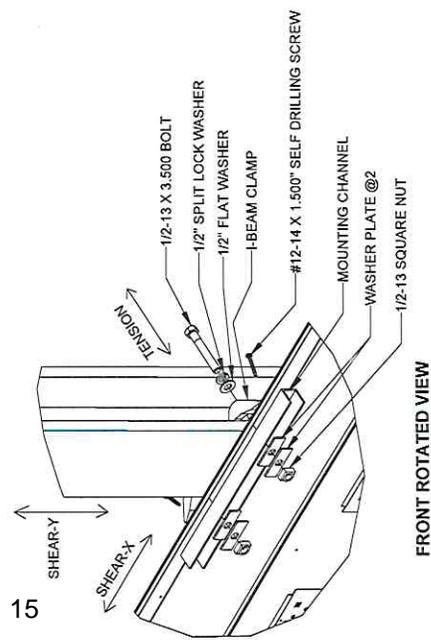
STANDARD NON-BACKLIT AD PANEL MOUNTING METHOD



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

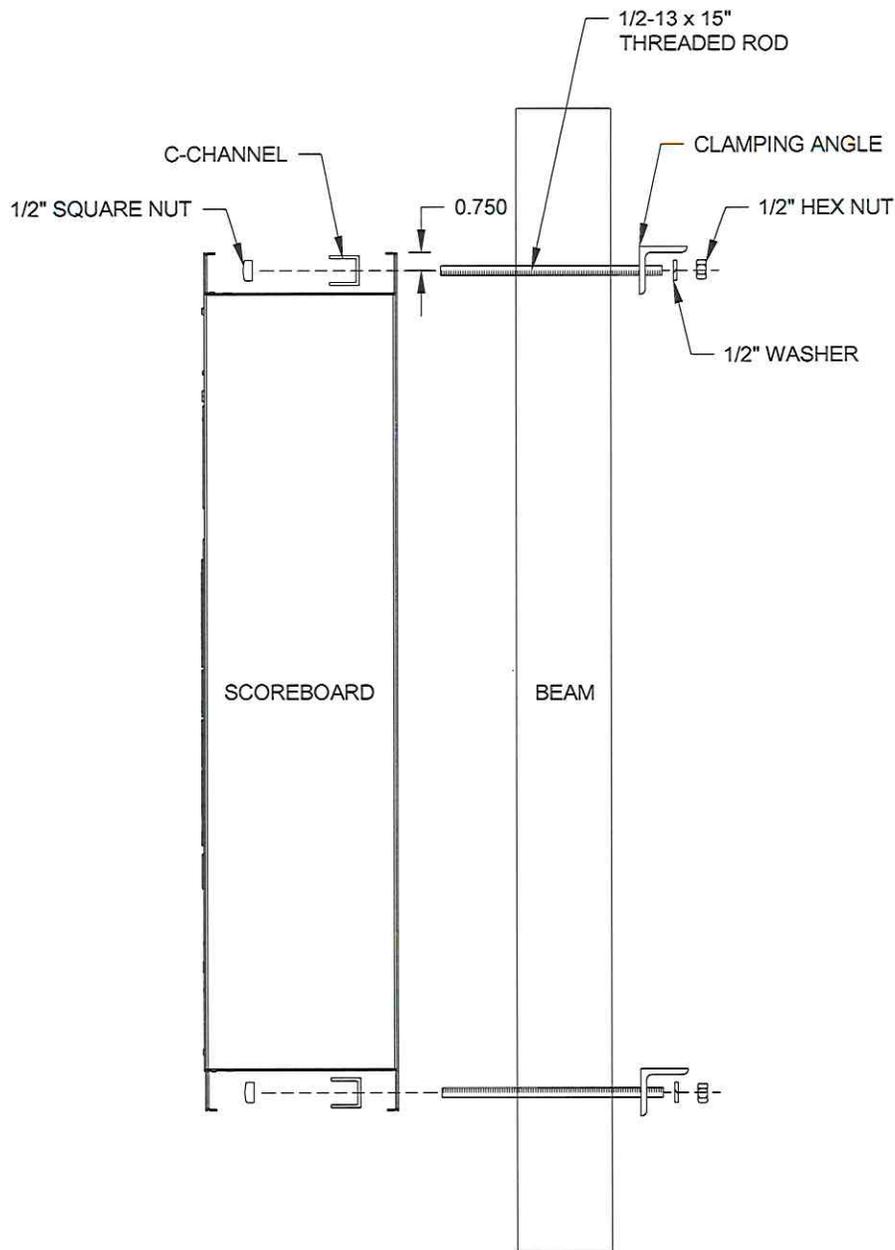
ALLOWABLE CAPACITY PER EACH CLAMP:
 SHEAR = 160 LBS
 TENSION = 1376 LBS
 SHEAR AND TENSION LOAD DIRECTION ARE AS INDICATED ON ROTATED VIEWS

- 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" HOLES IN THE CENTER OF THE TOP FLANGE OF THE SECTION. MAKE SURE THE HOLES ARE POSITIONED AS CLOSE TO THE I-BEAM FLANGES AS POSSIBLE.
 3. INSTALL ALL THE HARDWARE SHOWN PROVIDED AND TIGHTEN THE SECTION TO THE I-BEAM.
 4. THE BOTTOM 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" HARDWARE IS TORQUED TO THE SPECIFIED AMOUNT.



REAR ROTATED VIEW

DAKTRONICS, INC. 800 WEST SCALE CREEK AVENUE BOZEMAN, MT 59717	
PROJ: OUTDOOR SCOREBOARD TITLE: I-BEAM CLAMP MOUNTING, SHEET METAL ATTACHMENT	DATE: 17-JUN-15
DESIGN: KSCHNABEL DRAWN: KSCHNABEL	PLOT: 17-JUN-15
SCALE: 1/8" = 1'-0" SHEET: 1 OF 1	REV: 02 P: 1753 E: 10-B
REV: 02 DATE: 17 JUN 15 BY: APJ	REV: 01 DATE: 8 JAN 14 BY: JVA
CHANGED TENSION CAPACITY TO 1376 LBS ADDED MINIMUM AND MAXIMUM FLANGE WIDTHS ADDED ALLOWABLE TENSION AND SHEAR CAPACITY DETAILS ADDED DIMENSIONS TO BEZEL	FUNCTION: SIZE 1129110

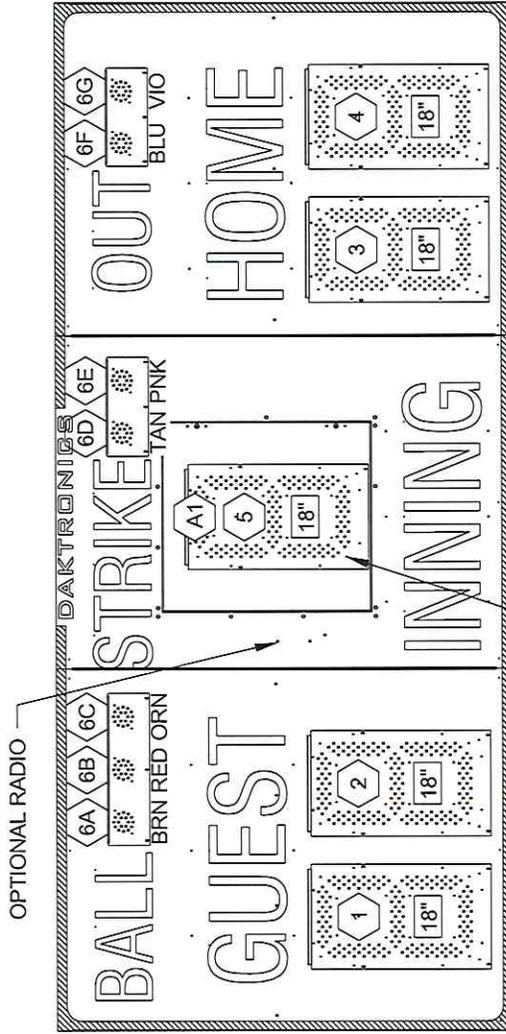


MOUNTING INSTRUCTIONS:

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" = 1'-0"		DATE: 14 MAR 13	
SHEET	REV	JOB NO.	FUNC-TYPE-SIZE
00	P1753	E - 10 - A	1130246

BA-2518-R/AW



FRONT VIEW

PRIMARY DRIVER (A1)
(KNOCKOUTS FOR 1/2" CONDUIT)
SIGNAL OPTION ON THIS DRIVER
(WIRE, FIBER, OR RADIO)

NOTES:

3 = DRIVER CONNECTOR
WIRED TO THAT DIGIT

18" = DIGIT SIZE

6B = DRIVER CONNECTOR
AND SEGMENT (PIN) #
WIRED TO THAT INDICATOR

A1 = DRIVER NUMBER

REV 03	DATE: 17 AUG 20	PER CN-106068 REMOVED LABELS TO MOVE TO NEW STANDARD	BY: TAN
REV 02	DATE: 03 MAR 20	PER CN-98228, UPDATED LOCATION OF RADIO ANTENNA	BY: KDM
REV 01	DATE: 03 MAR 15	PER EC-17119 ADDED SIGNAL OPTION NOTE AND REMOVED DETAIL VIEWS	BY: ZSW
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PROJECT: OUTDOOR SHEETMETAL SCOREBOARDS			
TITLE: COMPONENT LOCATION; BA-2518-R/AW		DIM UNITS: INCHES (MILLIMETERS)	
DATE: 16 JAN 13	SCALE: 1=20	DO NOT SCALE DRAWING	REV 03
DESIGN: KDRAGT	JOB NO. P1753	FUNC - TYPE - SIZE E-10-A	SHEET
DRAWN: KDRAGT			1124598