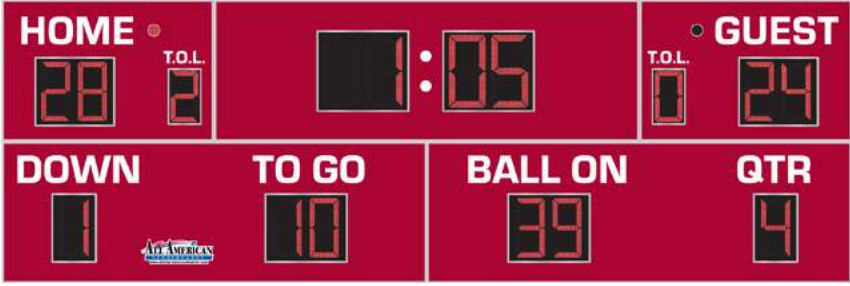
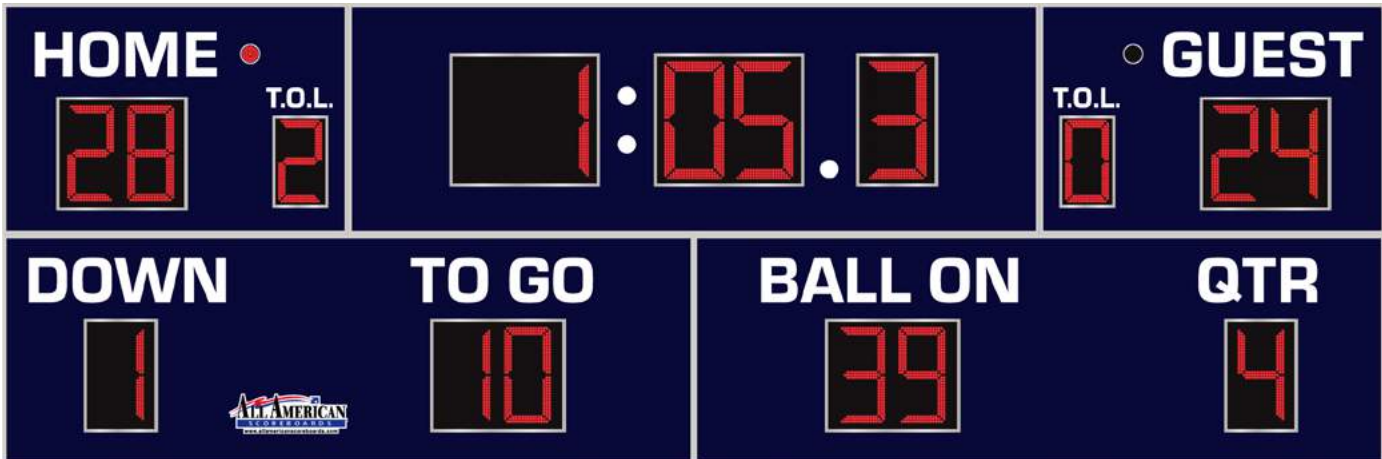


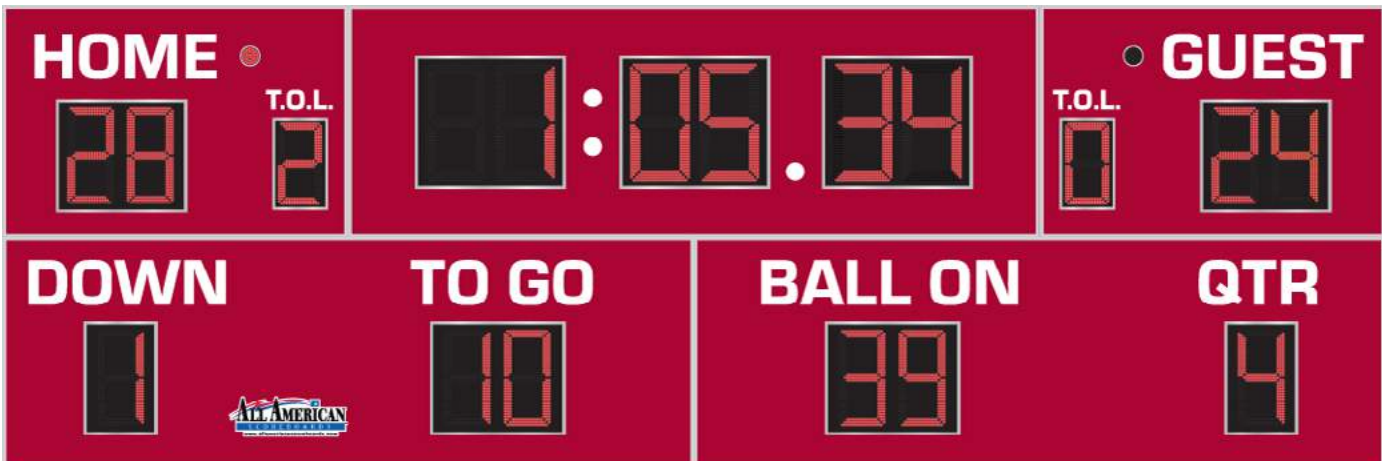
|                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                           |
|------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>OUTDOOR SCOREBOARD</b><br><b>8430</b><br>Football<br>Baseball<br>Track (8430T or 8430H)<br>Soccer                         |                                                                                                                                                                                                                                                                                                         |
| <b>OVERALL DIMENSION</b>                                                                                                     | 10' high x 30' wide x 4.7" deep (including built-in mounting channel).                                                                                                                                                                                                                                                                                                                    |
| <b>INFORMATION DISPLAYED</b>                                                                                                 | Home and Guest Score, Game Time, Time Outs Left, Down, To Go, Ball On, Quarter<br><i>Information may vary depending on variations.</i>                                                                                                                                                                                                                                                    |
| <b>DIGITS</b>                                                                                                                | 30", 24", 18" Bright Red, 7-Segment LEDs.                                                                                                                                                                                                                                                                                                                                                 |
| <b>INDICATORS</b>                                                                                                            | 4" Bright Red LEDs, Bull's eye configuration.                                                                                                                                                                                                                                                                                                                                             |
| <b>CAPTIONS</b>                                                                                                              | White vinyl letters.                                                                                                                                                                                                                                                                                                                                                                      |
| <b>HORN</b>                                                                                                                  | Horn not included. External 100 dB Vibrating Horn or 120dB Trumpet Horn are available.                                                                                                                                                                                                                                                                                                    |
| <b>CONSTRUCTION</b>                                                                                                          | Extruded aluminum frame, .093" thick, mill finish. Faces made from 22ga galvanneal steel with shatter proof polycarbonate windows. Backs made from 22ga galvanized steel.                                                                                                                                                                                                                 |
| <b>STANDARD COLORS</b><br>(Custom Colors Available)                                                                          |  <p>Black, Navy, Blue, Light Blue, and Red have a Kynar® finish, other standard and custom colors are powder coated or painted enamel.</p>                                                                                                                                                              |
| <b>ELECTRONICS</b>                                                                                                           | 100% solid state, microprocessor controlled system.                                                                                                                                                                                                                                                                                                                                       |
| <b>SERVICING</b>                                                                                                             | Front access for ease of servicing. Plug in modules for ease of replacement.                                                                                                                                                                                                                                                                                                              |
| <b>MICROPROCESSOR CONTROL CONSOLE</b><br> | Sold separately. Extruded Aluminum, high impact low profile microprocessor control console, latest state of the art, user friendly. Size: 13.25" wide x 5" high x 9" deep. Weight: 6 lbs. Microprocessor to be supplied with 25 feet of cable (hardwire). Microprocessor control console with membrane keyboard provides for direct entry of all information. Radio Control is available. |
| <b>JUNCTION BOX</b>                                                                                                          | One outdoor rated junction box, 5" x 3" with cover and ethernet cable. (Hardwire)                                                                                                                                                                                                                                                                                                         |
| <b>DATA CABLE</b>                                                                                                            | Twisted pair, direct burial, RJ45 Connectors (Hardwire).                                                                                                                                                                                                                                                                                                                                  |
| <b>POWER REQUIREMENTS</b>                                                                                                    | 115/230 VAC. 50/60 Hz. Minimum one 20A circuit is recommended.                                                                                                                                                                                                                                                                                                                            |
| <b>INSTALLATION</b>                                                                                                          | All standard variations typically installed on four posts. Mounting kits are supplied with scoreboard. <i>NOTE: Number of posts must be determined locally by licenced engineer.</i>                                                                                                                                                                                                      |
| <b>WEIGHT</b>                                                                                                                | Net 1110 lbs / Estimated Shipping 1686 lbs.                                                                                                                                                                                                                                                                                                                                               |
| <b>WARRANTY</b>                                                                                                              | Five year guarantee against defects in materials and workmanship. Factory repair service for parts in warranty. Union label. UL Certified.                                                                                                                                                                                                                                                |
| <b>STANDARD VARIATIONS</b> - Add suffix to model number in order that they appear below (see examples on next page)          |                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Model + T</b>                                                                                                             | 5-Digit Timer (Tenths).                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Model + H</b>                                                                                                             | 6-Digit Timer (Hundreths).                                                                                                                                                                                                                                                                                                                                                                |
| <b>Model + EC</b>                                                                                                            | 12" LED Team Names (16x80 Matrix). Programmable from console.                                                                                                                                                                                                                                                                                                                             |
| <b>Model + TN</b>                                                                                                            | 12" LED Captions (16x80 Matrix). Programmable from console.                                                                                                                                                                                                                                                                                                                               |
| <b>Model + RV2</b>                                                                                                           | Radio upgrade. 2.4 GHz spread spectrum, 1500' expected range.                                                                                                                                                                                                                                                                                                                             |
| <b>SPORT CONVERSION KITS</b> - Optional changeable placards to display correct captions for different sports (lower section) |                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Baseball Conversion</b>                                                                                                   | Ball, Strike, Inning, Out - Inning is displayed in 3rd position to allow for extra innings                                                                                                                                                                                                                                                                                                |
| <b>Track Conversion (T Models)</b>                                                                                           | Lane, Place, Event, Heat                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Soccer Conversion</b>                                                                                                     | C. Kicks (up to 9), SOG, SOG, C Kicks (up to 9)                                                                                                                                                                                                                                                                                                                                           |

### EXAMPLES OF VARIATIONS

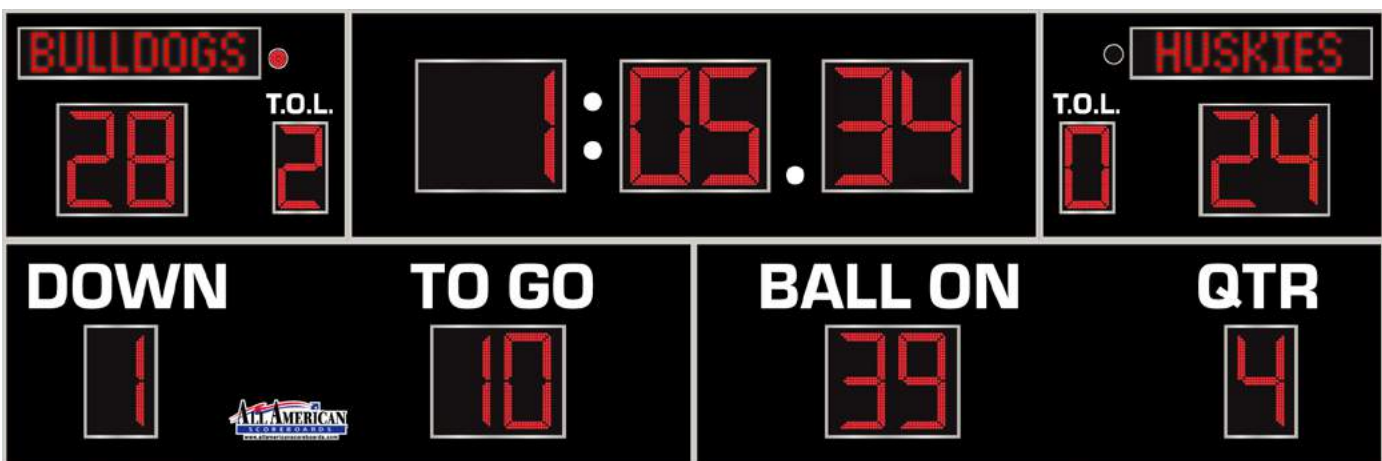
This page shows samples of boards within the 8430 family. Not all standards are shown. Boards that fall outside of these options will be considered custom and will require additional engineering.



**8430T** - Tenths only displayed in track mode.



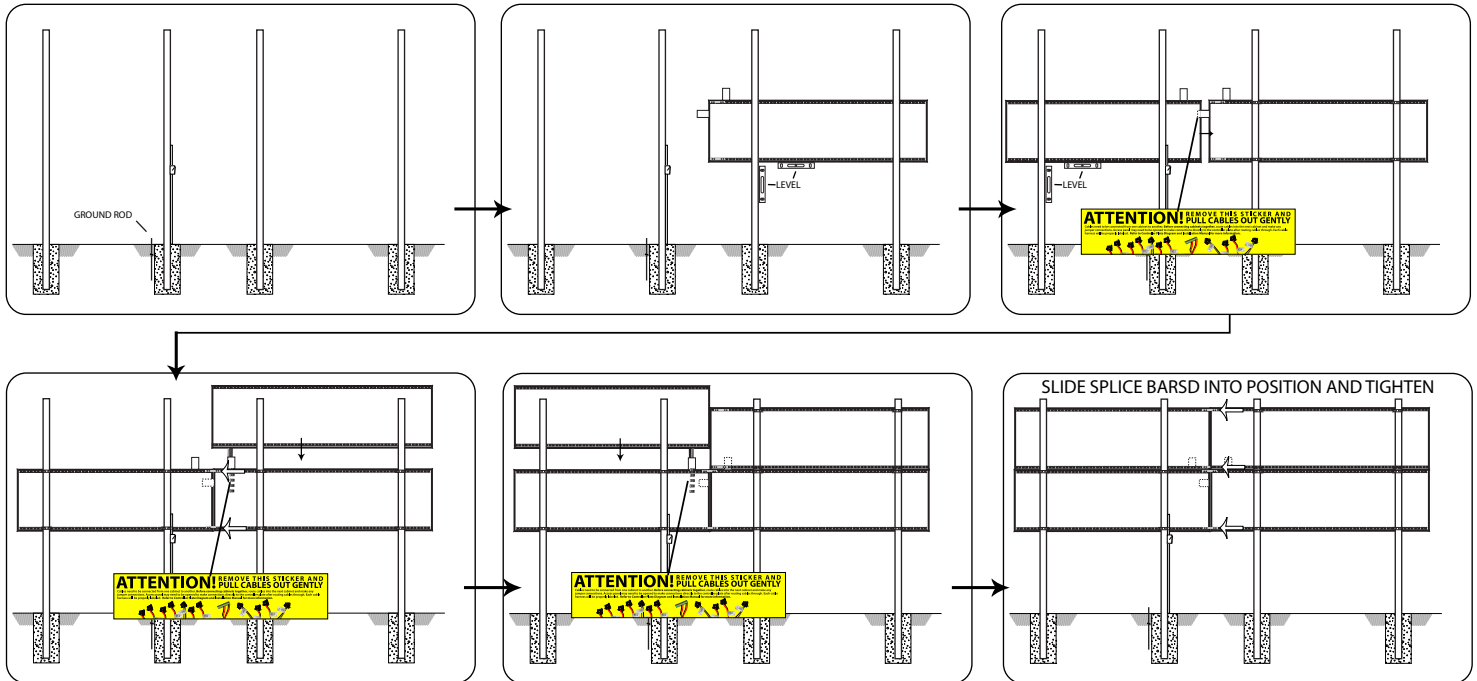
**8430H** - Tenths and Hundreths only displayed in track mode.



**8430HTN** - Tenths and Hundreths only displayed in track mode. LED Team Names in place of Vinyl Team Names.

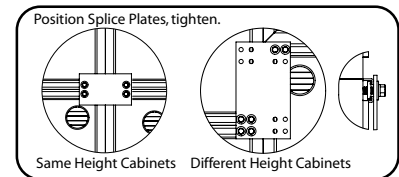
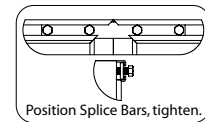
### Typical Multi-Cabinet Scoreboard Installation Illustration

NUMBER OF POLES SHOWN ONLY FOR REFERENCE. MUST BE DETERMINED LOCALLY BY LICENCED ENGINEER.

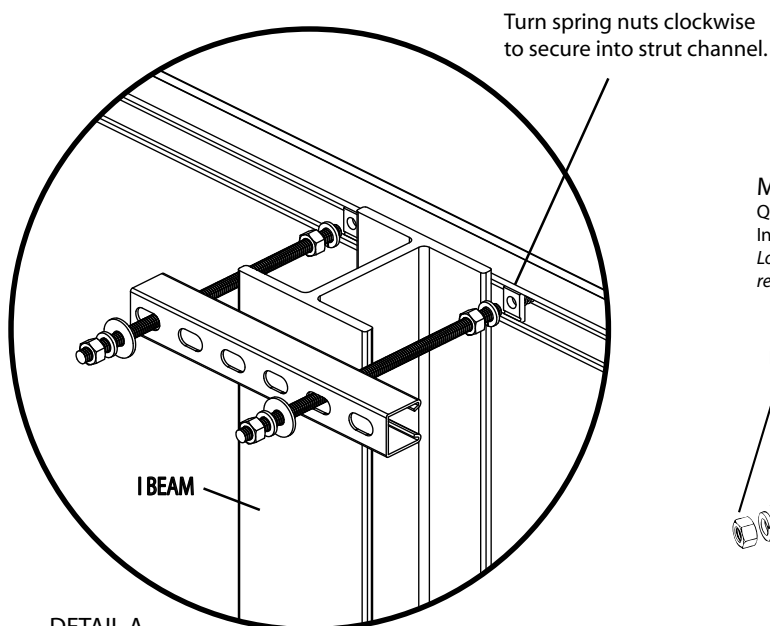


**ATTENTION! REMOVE THIS STICKER AND PULL CABLES OUT GENTLY**

Cables need to be connected from one cabinet to another. Before connecting cabinets together, route cables into the next cabinet and make any jumper connections. Access panel may need to be opened to make connections directly to the controller plate after routing cables through. Each cable harness will be properly labeled. Refer to Controller Plate Diagram and Installation Manual for more information.



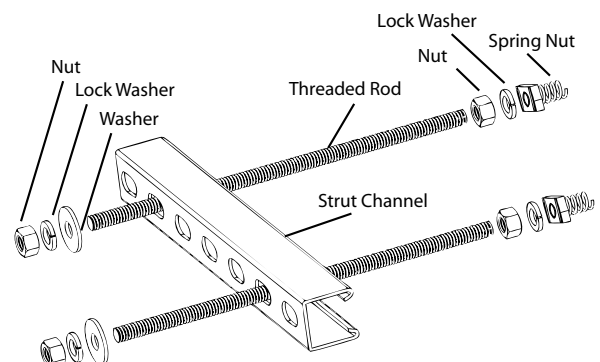
NOTE: EACH SCOREBOARD REQUIRES DIFFERENT HARDWARE AND CONFIGURATIONS. REFER TO ENGINEERING DRAWING.

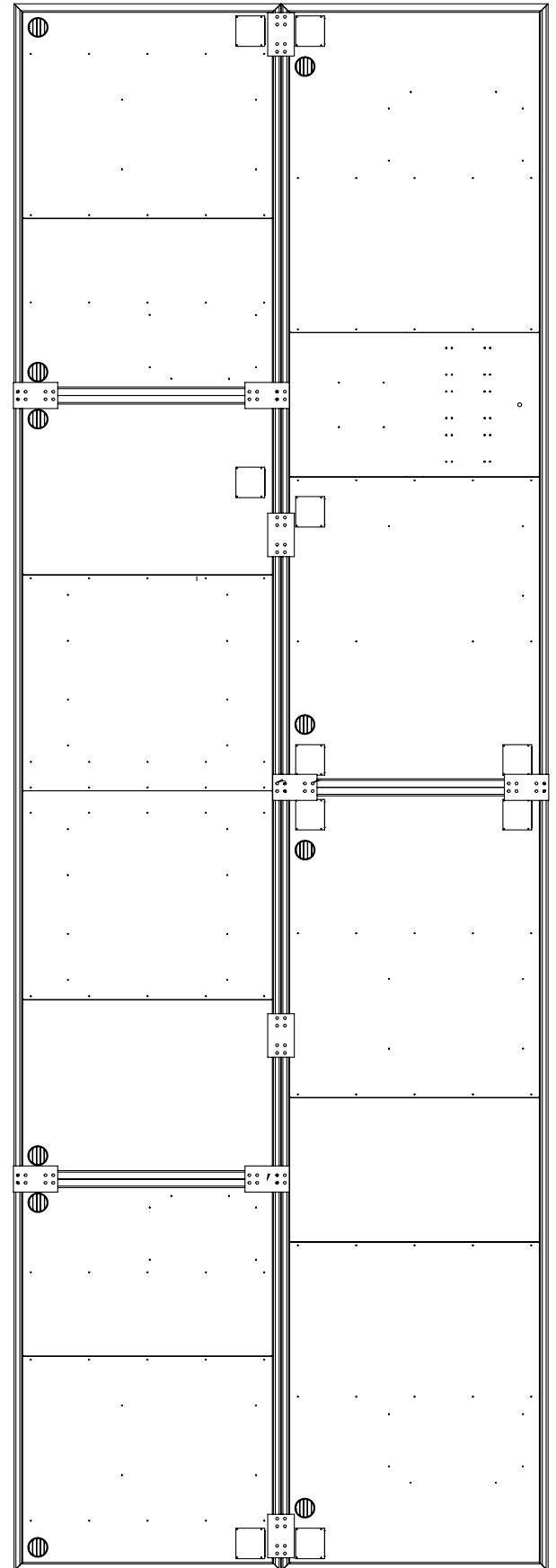
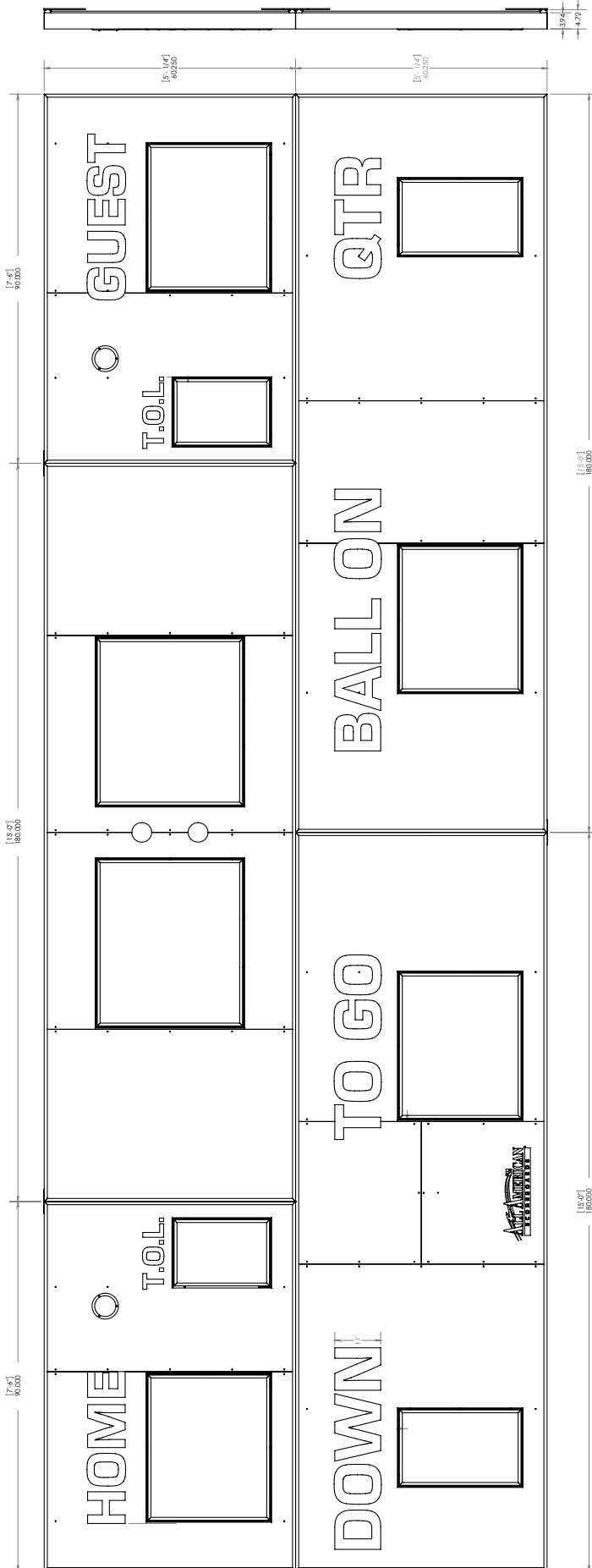


DETAIL A.  
Pressure hold scoreboard cabinets to poles.  
Secure with weld.

#### Mounting Kit

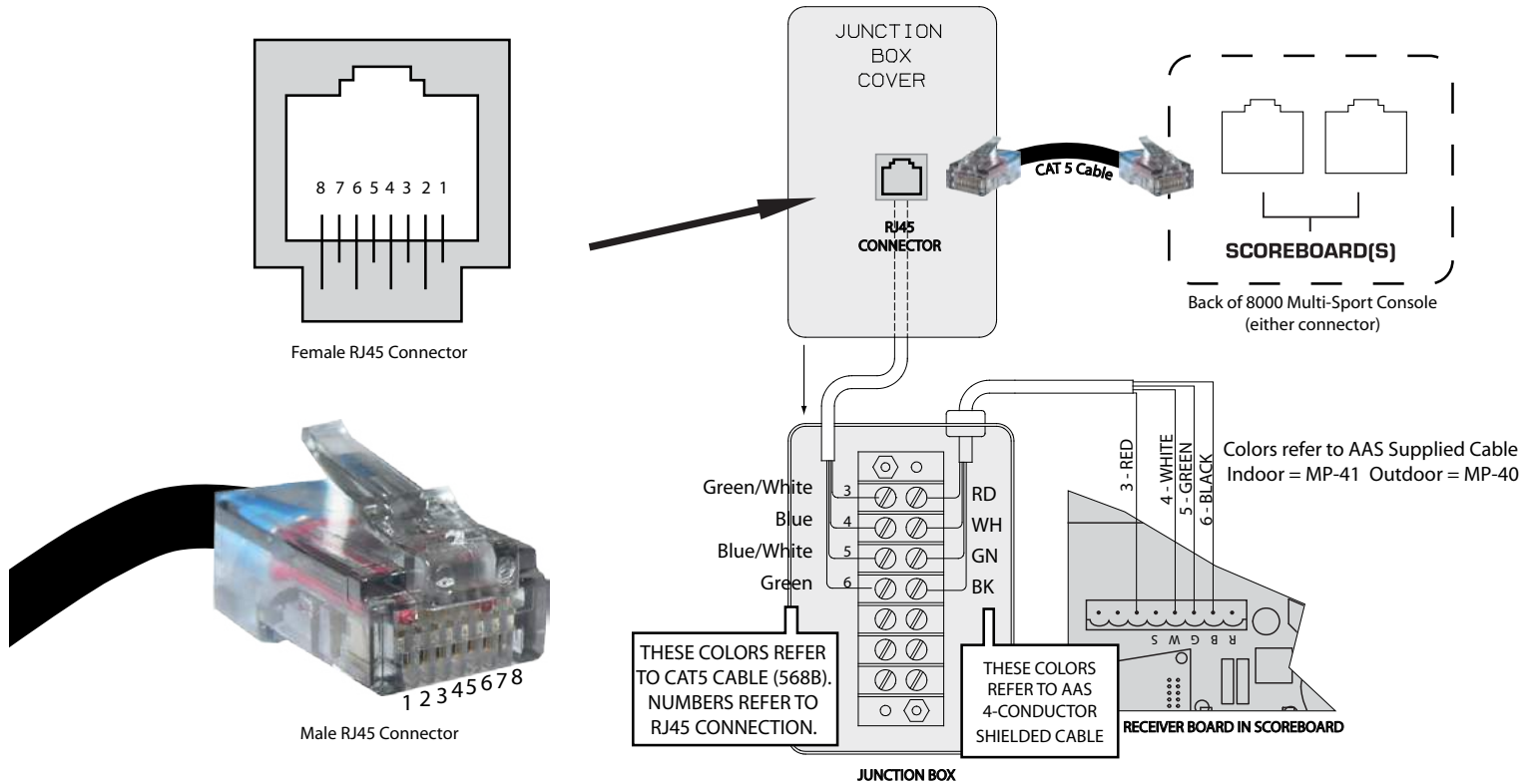
Quantity of kits depends on board and number of poles required. Installed at every point where a pole and a strut channel intersect. Local ordinances, soil conditions and wind load requirements may require additional structure.





# Hardwire Scoreboard Wiring

## With a Standard Junction Box



# Wiring a Supplemental Display

## With a Single Junction Box

