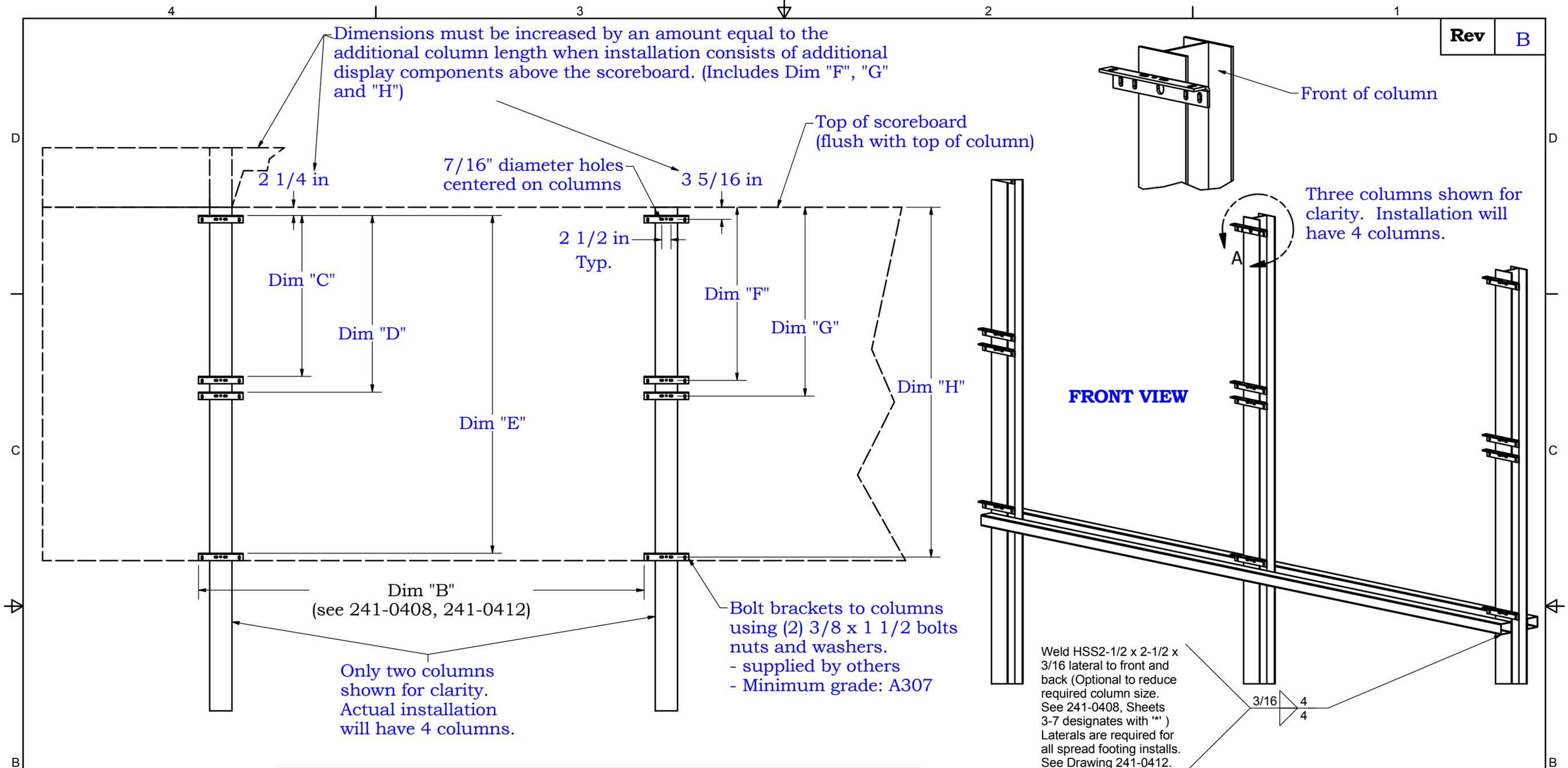


Dimensions must be increased by an amount equal to the additional column length when installation consists of additional display components above the scoreboard. (Includes Dim "F", "G" and "H")



Dim "B" (see 241-0408, 241-0412)

Only two columns shown for clarity. Actual installation will have 4 columns.

Model #	WELDING DIMENSIONS			BOLTING DIMENSIONS		
	Dim "C"	Dim "D"	* Dim "E"	Dim "F"	Dim "G"	Dim "H"
1603, 1603PC	43 7/8"	48 1/8"	103 15/16"	47 5/32"	51 7/16"	107 1/4"
3620, 7620 3688, 7688	43 7/8"	48 1/8"	91 15/16"	47 5/32"	51 7/16"	95 1/4"
3604, 3616 3657, 7616	55 7/8"	60 1/8"	115 15/16"	59 5/32"	63 7/16"	119 1/4"

HARDWARE SUPPLIED BY OTHERS	
Description	Quantity
3/8 x 1 1/2 Bolt	32
3/8 Flat Washer	64
3/8 Lock Washer	32
3/8 Nut	32
3/8-16 eye bolts (see sheet 2)	2

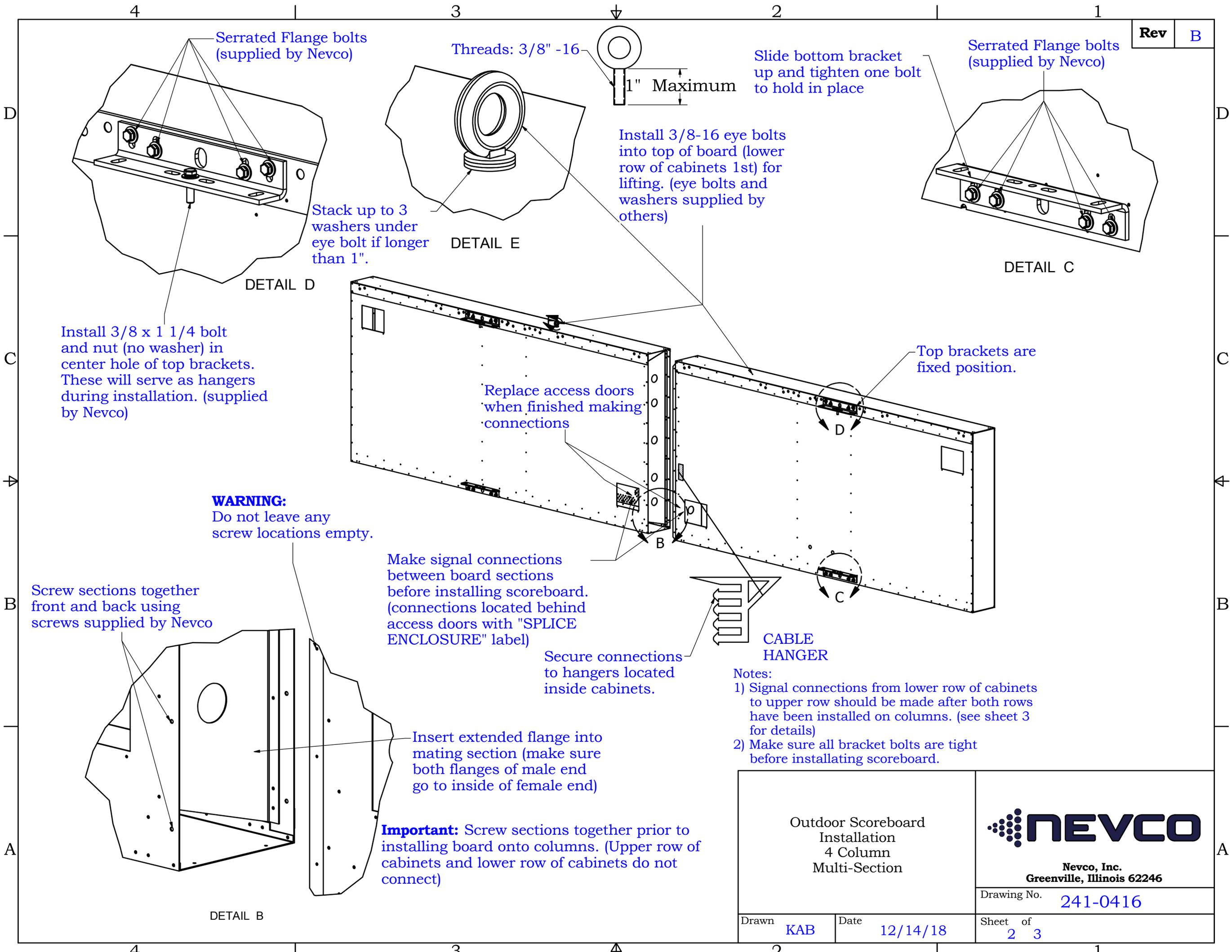
Required Hand Tools:

1. Phillips head screw driver/drill with phillips driver.
2. 9/16" wrench
3. Ratchet wrench and 9/16" socket
4. Level
5. Tape measure

Notes:

- 1) If welding brackets to columns, weld around full contact surface of brackets.
- 2) **FOR HIGH WIND AREAS:** For installations in wind zones higher than 150 mph, brackets must be welded to columns.
- 3) Dimensions above should be taken from the top of the SHORTEST column, marked and leveled across to other column.
- 4) Brackets shipped in separate container.

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Serrated Flange bolts
(supplied by Nevco)

Threads: 3/8" -16

1" Maximum

Slide bottom bracket
up and tighten one bolt
to hold in place

Serrated Flange bolts
(supplied by Nevco)

Stack up to 3
washers under
eye bolt if longer
than 1".

DETAIL E

DETAIL C

DETAIL D

Install 3/8 x 1 1/4 bolt
and nut (no washer) in
center hole of top brackets.
These will serve as hangers
during installation. (supplied
by Nevco)

Replace access doors
when finished making
connections

Top brackets are
fixed position.

WARNING:
Do not leave any
screw locations empty.

Make signal connections
between board sections
before installing scoreboard.
(connections located behind
access doors with "SPICE
ENCLOSURE" label)

Secure connections
to hangers located
inside cabinets.

CABLE
HANGER

- Notes:
- 1) Signal connections from lower row of cabinets to upper row should be made after both rows have been installed on columns. (see sheet 3 for details)
 - 2) Make sure all bracket bolts are tight before installing scoreboard.

Screw sections together
front and back using
screws supplied by Nevco

Insert extended flange into
mating section (make sure
both flanges of male end
go to inside of female end)

Important: Screw sections together prior to
installing board onto columns. (Upper row of
cabinets and lower row of cabinets do not
connect)

DETAIL B

Outdoor Scoreboard Installation 4 Column Multi-Section		 Nevco, Inc. Greenville, Illinois 62246		
				Drawing No. 241-0416
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Remove eye bolts from first row and install on second row

Spreader bar preferred for lifting (see installation instructions for more details)

Note: Details below show only two columns for clarity. Actual installation will have 4 columns.

Make power/signal connection between upper and lower rows of cabinets after board has been installed.
 - connections located behind access doors)
 - Pull cables from lower section into upper section (connections must be made and permanently located in upper section)

Tighten all bracket bolts on first row before installing second row.

WARNING:
 Do not lift scoreboards with any other additional weight attached such as laterals or other structural components

Install top row and tighten all bracket bolts.

Secure connections to hangers located inside cabinets.

STEP ONE
 Install First Row

STEP TWO
 Install Second Row

Bolt installed in top brackets of each row will serve as hanger.

Scoreboard

Column

Hanging Detail

2 bolts required per bracket set.

DETAIL G

DETAIL H

Column

Scoreboard Bottom

DETAIL J

Bolt brackets together using bolts, nuts, washers and lock washers supplied by Nevco. (3/8 x 1 3/4 bolts)

Outdoor Scoreboard Installation
 4 Column
 Multi-Section



Nevco, Inc.
 Greenville, Illinois 62246

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Side View
 Scoreboard Installation

