

**NOTE:** Hagenbeck-Wallace Circus built these wagons just prior to the 1922 season and used them that summer and through 1928. About that time they were discarded because they took up too much flatcar space, over 2 1/2 cars. They also had three canvas spool wagons each about 30 feet long that they discarded about then. In addition to these seats, between each two wagons was a stringer with 12 seat planks. The seat wagons when unfolded were 12 rows high. The wagons were loaded one long and two short wagons to a flatcar. There were four long, 30 foot, and four short, 20 foot wagons. The total seating capacity of the wagons when erected was 2,464. The wagons were numbered 44, 45, 46, 47, 48, 49, 50 and 51. The seats in the end of the top were regular plank and stringer and were carried in regular plank, jack and stringer wagons. (Gordon Carver - Sep/Oct 1996, LCW)

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## Hagenbeck-Wallace Seat Wagon

DATE: 1922/28

SCALE: 1/2" = 1'

SCANNED & REVISED:  
05/08/02

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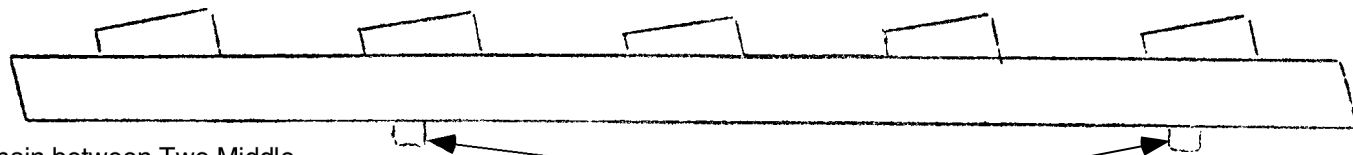
# Circus Model Builders

Drawn By  
Jim O'Neill

DRAWING NUMBER

**#0172**

Detail of Bar with Metal Holders to Hold Footboards between Wagons



Braces on Each Plank

Rope or Chain between Two Middle Stringers to Hold in Place When Loaded.

Two Metal Brackets Held it to Outside of Stringers (2 - Both Top & Bottom of Wagon)

"L" Shaped Rod through Bar and Stringer

Brake Wheel & Rod Behind Seat

**Notes:**  
Back same as front but without seat, footrest and brake wheel.

Stringers are Pushed Up to Iron Brackets & Pin is Put in for Set Up

Front View

### Set Up Of Wagons In Tent

Long Side

20 Ft    30 Ft    30 Ft    20 Ft

Short Side

20 Ft    20 Ft    20 Ft    20 Ft

Entrance & Band Stand

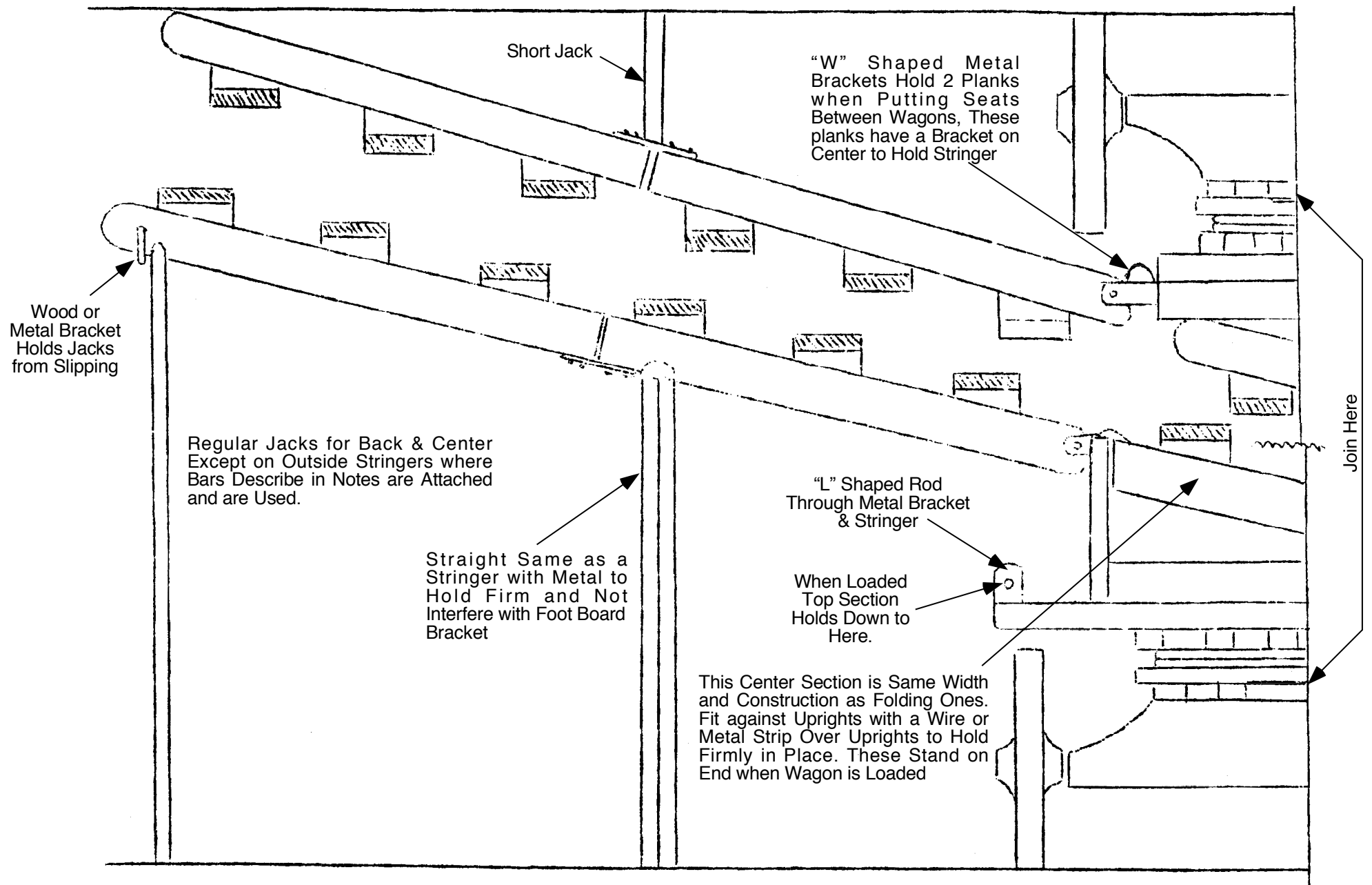
### Hagenbeck-Wallace Seat Wagon

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## Hagenbeck-Wallace Seat Wagon

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## Notes on the Hagenbeck-Wallace Folding Seat Wagon

Wagons made of Samara Plywood.

All iron traces on wagons cut out of aluminum,

Hinges made out of leather.

Braces that hold seat plank to stringers can be a heavy type pliable cardboard or could be aluminum.

Wagons were spaced about 10 ft. apart. Can be set up this way or closer if you wish to use just an aisle between wagons. This is done by bridging space with planks through brackets which are shown in drawing above fold-out. If full space is used between wagons and additional seat space used put seat planks from wagon to wagon seat planks and support center of this with a stringer. This stringer is done in 3 sections similar to the stringers on the fold-in sections, These wagons were for reserves. Actual wagons had folding star backs which hinged down on seat plank when loaded, 7 to a plank making 14 rows across as well as back on the 20 ft. wagons and on the 30 ft. ones there were 10 to a stringer making 20 rows across, 14 back. Help on the backs was furnished me by John Lower and really appreciated very much.

Load all jacks, extra planks, props, etc. into the center of wagons.

Blue stringers from your show can be loaded into the long wagons.

Blue planks, jacks and other equipment can go into the short wagons.

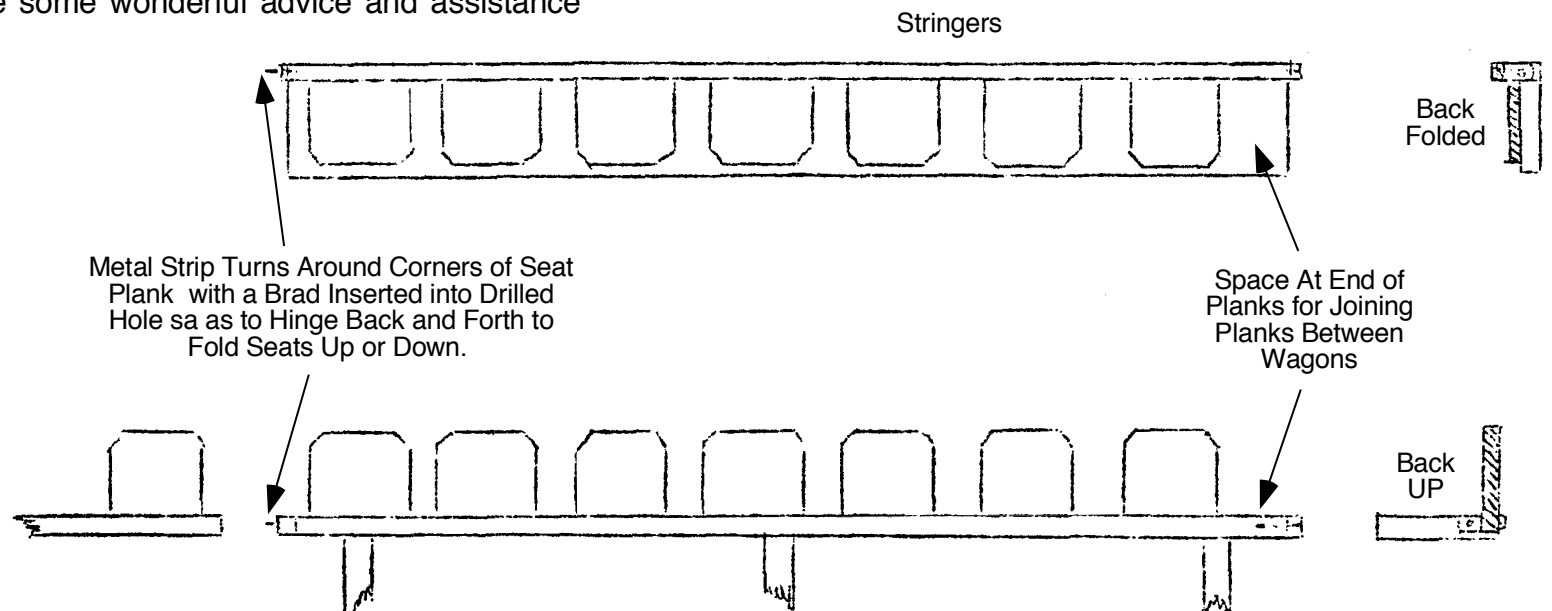
I would like to acknowledge some wonderful advice and assistance

from Mr. Gordon L. Potter with whom I have had the most interesting correspondence about these wagons during the past four years. His help and advice gratefully appreciated. Also Paul Horsman and Art Gunther at the Circus Farm, Fryeburg, Maine for letting me study their pictures of the Curtis Wagons.

Color -- red wagon bottom and bars - yellow under gear - wheels, yellow -trimmed red -- seats and stringers orange.

30 ft.. wagon had capacity of 280 seats completely unfolded. Seat units are flexible connected front and rear. This allows seats to shape up with any condition of ground. Front unit could rest on high ground. Connection also allows them to work perfectly should the wag-on be twisted or down in the soft mud. Time taken to unfold wagon is 4 minutes. Wagon was a fine star back seat with a good foot rest. Center section between the two wagons held 112 people. Can be made for chair grandstand. Seats directly across all these wagons were adapted to be removed, allowing loading space 5 ft. wide and 6 ft. high.

Our many thanks to George W. G. Piercy for the loan of his personal pictures; to O'Neill for the plan and to Art Gunther for cooperation.



### Note:

7 Star Backs per Plank for Short Wagons (6)

10 Star Backs per Plank on Long Wagons (2)

Pages 5 thru 7 are  
unnumbered photo  
pages.

## Hagenbeck-Wallace Seat Wagon

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