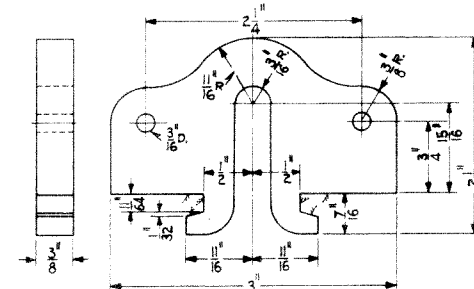


The diagram shows a horizontal beam with four supports, represented by circles. The beam is divided into three equal segments by these supports. The distance between each support is labeled as $8\frac{1}{2}$. The total length of the beam is labeled as $2 \times 3\frac{1}{2}$. On the right side of the beam, there are two vertical arrows pointing downwards, labeled W_1 and W_2 , representing applied loads.

A horizontal beam of total length 22 feet is shown. Three point loads, each of 2 kips, are applied vertically downwards at the left end, at the midpoint (11 feet from the left), and at the right end. The horizontal dimensions are: 1 foot from the left end to the first load, 10 feet between the first and second loads, 10 feet between the second and third loads, and 1 foot from the third load to the right end. The vertical dimensions are: 2 kips for the first load, 2 kips for the second load, and 2 kips for the third load.

1427 - FOUNDATION PLATE M.I.

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NOTE:
SUPPORTS SHALL BE MADE OF
3"4* CHANNELS WITH ALL HOLES
DRILLED 9/16" DIA.

1 SHEET

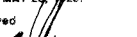
S-142-B



THE PENNSYLVANIA RAILROAD
STANDARD
PIPE CARRIER SUPPORTS

OFFICE OF CHIEF SIGNAL ENGINEER, PHILA., PA. MAY 28, 1928.

Approved 
Chief Signal Engineer

Approved 
Chief Engineer