



Entry width about 15 feet

Safety Posts

Bolts placed on a pattern so that a row is between each X bar, and the rows are in a manner that a bolt is about 3 feet from each rib and a third bolt is placed halfway between.

6 in X 6 in X 12 ft. Cross bars on substantial round post legs. One of which is to be set each 4 ft. the "C" entry advances

Bolts are to be 48 inches in length and should have a substantial metal plate used with each bolt.

Roof of 1st and 2nd Right parallel with "C" Main to be supported at present with conventional timbering.

Roof of 1st and 2nd left parallel with "C" Main to be supported at present with conventional timbering.

Cross bars with 1/2 in holes drilled 15 in in from one end should be used at intersections of turnouts. Thus a post may be placed under one end and the opposite end be bolted to the roof. After use of the turnout posts may be placed under the X bars

Break through roof support may be attained by the use of 2 in plank 14 feet long and 8 in width. In addition to posts being placed under each end, the planks are fastened to the roof with 2 bolts, one in from each end of the board about 4 feet. The first board at each entrance to the break throughs should be fastened to the roof with 3 bolts

In all probability bolts for this purpose need be no longer than 36 in.

There is no doubt but that the Method suggested for break-throughs off "C" Main would also be applicable to the side producing entries throughout as a means of roof support.

4000 - 100  
1000 3000 - 210

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