

LONDON AND  
PORT STANLEY

## London and Port Stanley Railway Car Barn.

The plans for the car barn at London, Ont., provide for a building approximately 220 x 88½ ft., of which the section being erected will be 145 x 88½ ft. The main part of this erection will consist of a car barn, having a frontage at the northern end of approximately 54 ft.; a length of 145 ft., and a height of 24 ft. There will be 4 sets of tracks running the entire length of the building, with the necessary pit under each set of tracks. On the west side of the car barn proper, and at the north end, will be a two story building under which will be a basement approximately 36 x 30 ft., the main entrance to which will be on the west side. The hallway, 8 ft. wide, in which will be a stairway to the second floor, will give access to an office on either side, and to the men's room and lavatory in the rear. The second floor will be divided by lath and plaster partitions into 4 rooms, with a lavatory. South of the office section and on the west side of the building, will be the transformer room, 24 x 20 ft., and further south a store room of approximately the same size. The remainder of the space will be given over to workshop purposes. The southern wall of the building will be a temporary one made of galvanized iron sheeting. The foundation work, the pits, and the main floor will be of reinforced concrete. The roof will be supported by 7 columns on the north and south ends, with 4 columns at the east and west ends connected by steel girders. The barn will be lighted by two windows in each bay of the east and west elevations, by 6 windows at the temporary south end, and by a series of lights in the monitor extending the length of the barn over the westerly bay. The inside height of the monitor from the main floor will be 28½ ft.

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