

Floors under Waist and Wings of Sluce. The sleepers or bearers being prepared and the concrete being filled in to a proper level and tamped over with mortar as before specified; a float of good sound red deals 4 inches thick is to be laid throughout the waist and wings of the Sluce as shown upon "the Plan"; the floor to be spiked down to the sleepers with wrought iron spikes 9 in. long \times $\frac{1}{2}$ in. sq. two spikes to each crossing of each plank on each sleeper.

The two outside planks of the floor in the waist of the Sluce again which the V inch sheeting piles will be driven are to be of good sound Baltic Lumber 12 in \times 6 in in section; to be spiked down to the sleepers with wrought iron spikes 12 inches long \times $\frac{1}{2}$ in square; two spikes to each crossing on each sleeper of each plank.

Solid Aprons The ^{top side of the} sleepers or bearers being prepared to a level surface, and the concrete being filled in to a proper level; a solid apron is to be laid down at the sea and land ends of the Sluce; consisting of a floor 12 inches thick of good sound Baltic Lumber; straight-sawn on all sides and wrought iron

the surface on the edges. The floor when laid is to be fastened down to the sleepers with wrought iron spikes 2 inches long \times $\frac{1}{4}$ in square; two spikes to each crossing of each plank or timber on each sleeper. The heads of all the spikes to be sunk into the wood flush with surface through the whole of the above described floors of the solid aprons and the sheeting piles and the walings on each side of them; wrought iron screwed bolts $\frac{1}{2}$ in diam. are to pass horizontally in the number and positions shown on "the Plan"; having nuts and plate washers $\frac{1}{2} \times \frac{1}{2}$ at each end of the bolt; and the whole floor is to be screwed up firmly together.

Cement-Grout under Solid Aprons. After the floors of the solid aprons are laid and fastened down, neat Portland Cement Mortar is to be pumped, underneath them by a force pump through holes bored in the floor; and the holes made for the purpose are to be plugged up again with fir-wood plugs or screws.