

Fig. 2.

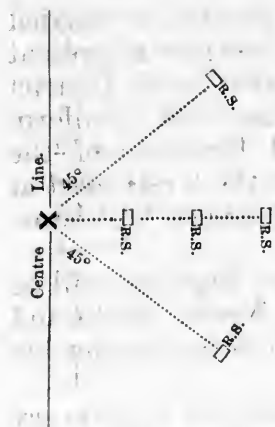
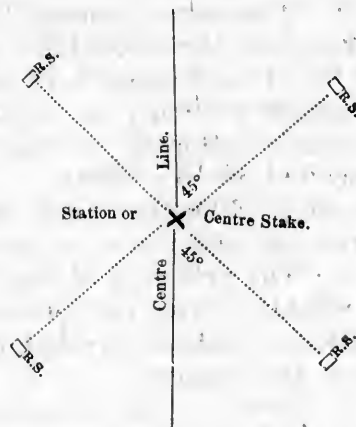


Fig. 1.



9. Plugs 3 inches diameter and 12 inches long should be driven level with the surface ground at the foot of all Reference Stakes, and a nail in the head of each Plug should show the exact horizontal distance intended from the Centre Stake. All Centre Stakes and Reference Stakes should have their tops painted blue in order that they may readily be distinguished.

Reference  
Plugs.

10. Tables of Bench Marks and Reference Stakes, describing exactly their position and in the case of the former giving their numbers and elevation above the general Datum of the District, must be made out, and copies filed in the Division and District Offices. The position, numbers, and height of Bench Marks, should also be entered on the working profiles at the nearest station points.

Tables of B.  
M. & R. S.

11. So soon as the Centre Line has been carefully defined on the ground, and Reference and Bench Marks established, in accordance with the above instructions, it will be the duty of the Engineer in charge to make a longitudinal Section or working Profile, to accomplish which with accuracy a "Plug" must be driven at the foot of and immediately in front of each centre stake (or station). The Plug will be made level with the surface of the ground, and upon it the leveling rod must be held when levels are taken.

Working  
Profiles.

12. The working Profile will be made on drawing paper to a scale of 200 feet horizontal, and 20 feet