

A better, though somewhat more expensive plan, is to erect scaffolding inside the silo. Three circular platforms of the exact diameter of the silo are constructed as shown in figure 4. One is placed on the foundation, one near the splicing lines of the staves and one near the top. The staves may then be quickly and easily placed, toe nailed, hooped and the doors cut.

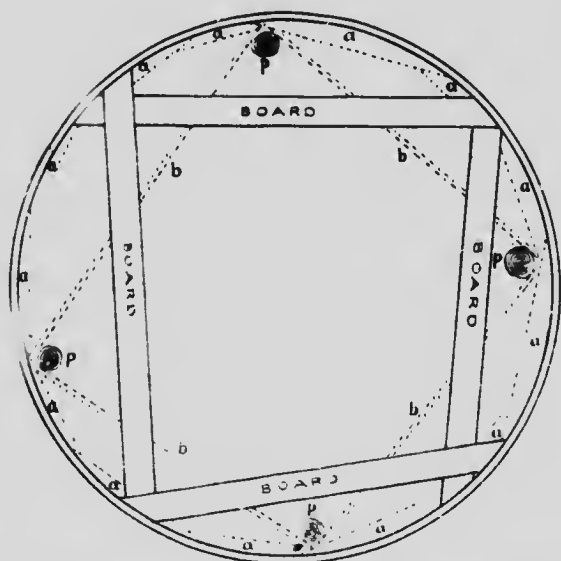


FIG. 4.—Plan of interior scaffolding, *a, a, a, etc.*, boards cut π segments of 20 feet circle; *b, b, b, b*, braces nailed to *p, p, p, p* posts and extending to support circular platform made up of *a, a, a, etc.*

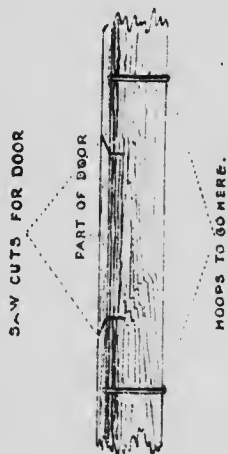


FIG. 6.—Part of stave showing saw cuts to be made for a door before erecting stave.

The doors should not be cut out till the silo is hooped, but preparation should be made for the cutting by selecting a stave which it is decided shall form part of the door and making saw cuts two or three inches deep along one edge at the top and bottom of each door (see fig. 6).

The door should be about 4 staves wide and about 18 inches high, or just large enough to admit a man.

The top and bottom should be sawn with a bevel in such a way as to cause the opening of the joint by the pressure of the ensilage. The greater the bevel the better.

A glance at fig. 6 will show how and where the saw cuts should be made.