

File No. 1017B Continued.

CORRESPONDENCE.

7864

On page 35, Plate Work. "Cell Fronts to be constructed of interlocking tool proof grating."

On page 35, Cell Doors. "Each cell to have a door about two feet wide and six feet high, to be constructed of tool proof steel."

On page 38, Corridor Doors. "In the entrance end of each prisoner's corridor there will be a door about two feet, four inches wide by six feet, ten inches high, to be hung on three strong forged tool proof hinges, &c."

On page 92, Window Guards. "Supply all windows with heavy tool proof steel window guards."

In none of these instances is it stated, either expressly or impliedly, that the tool proof material must be of 5-ply. The only statement in the specifications about 5-ply at all is on page 35 where there is a separate paragraph under the heading of "Description of 5-ply bars." It would be a strange construction which would require the reading of this description into each paragraph of the specifications, above mentioned, referring to tool proof material, when the fact is that there are several kinds of tool proof material, and the general requirement "tool proofing" can be gratified by either the White Diamond steel or the 5-ply bars, and, perhaps, other forms of construction.

In this connection, special attention should be given to page 35, where, under the general heading "Plate Work", the specifications provide as follows:

"Cell fronts to be constructed of interlocking tool proof grating. The vertical bars to be $7/8$ " diameter, round or hexagon, interlocking at about 12" on centers, spaced 4" on centers, passing through $3\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$ " horizontals, spaced about 12" on centers at the top and bottom. The ends of the vertical bars are to be interlocked into double flat bars, thus completely locking every round bar at every point where it passes through a horizontal bar."

We are advised that the channel bars here specified, that is $3\frac{1}{2} \times \frac{1}{2} \times \frac{1}{2}$, are not made in 5-ply. In this connection, for what it is worth, we are also advised that the description of the 5-ply bars calls for alternate layers of steel and iron, not chrome steel for the hard layers and soft steel for the soft layers, as is made by the Crucible Company.