$$\mathcal{B}=(b_{ij})=\left(\vcenter{\hbox{$
\psmatrix[colsep=0.4cm,rowsep=0.2cm]
  \ast & \ast & \ast & \ldots & \ast   & \ast \\
  \ast & \ast & \ast & \ldots & \ast   & \ast \\
       & \ast & \ast & \ldots & \ast   & \ast \\
       & & & & \vdots   & \vdots\\
       & \text{\huge{0}} & & & \ast & \ast\\
       & & & & \ast   & \ast
\endpsmatrix
\ncline[linestyle=dashed,linecolor=red]{1,1}{6,6}
\ncline[linestyle=dashed,linecolor=red]{2,1}{6,5}
$}} \right)$$

```
\[
  \mathcal{B}=(b_{ij})=
  \left( \vcenter{\hbox{$
  % :end added stuff
  \psmatrix[colsep=0.4cm,rowsep=0.2cm]
    \ast & \ast & \ast & \ldots & \ast      & \ast \\
    \ast & \ast & \ast & \ldots & \ast      & \ast \\
         & \ast & \ast & \ldots & \ast      & \ast \\
         & & & & \vdots    & \vdots\\
         & \text{\huge{0}}  & & & \ast  & \ast\\
         & & & & \ast      & \ast
  \endpsmatrix
  \ncline[linestyle=dashed,linecolor=red]{1,1}{6,6}
  \ncline[linestyle=dashed,linecolor=red]{2,1}{6,5}
  $}} \right)
\]
```