

$$\left(\begin{array}{c|ccc} \widehat{\mathbf{B}} & & & & 0 \\ \hline & & & & \\ \widehat{\mathbf{B}}_1 & & \begin{array}{ccc} \cancel{1} & & 0 \\ & \cancel{1} & \\ 0 & & \cancel{1} \end{array} & & \end{array} \right)$$