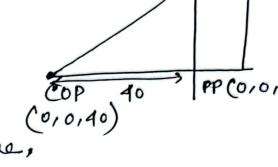
briven, that,

$$\begin{bmatrix} 1 & 0 & -0.2 & 10 \\ 0 & 1 & 0.5 & -20 \\ 0 & 0 & 0 & 0 \\ 0 & 0 & -0.025 & 2 \end{bmatrix}$$

$$\frac{-1}{d} = -0.025$$



(A)

dz 40, positive value,
This indicator

$$\begin{bmatrix} 1 & 0 & \frac{\cos\beta}{\tan\alpha} & 0 \\ 0 & 1 & \frac{\sin\beta}{\tan\alpha} & 0 \\ 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 0 \end{bmatrix}$$

Alternative:

$$\begin{bmatrix}
1 & 0 & 7 \cos \beta & 0 \\
0 & 1 & 7 \sin \beta & 0 \\
0 & 0 & 0 & 0 \\
0 & 0 & 0 & 1
\end{bmatrix}$$

$$\begin{bmatrix} 1 & 0 & 7\cos\beta & 0 \\ 0 & 1 & 7\sin\beta & 0 \\ 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix} \times \begin{bmatrix} 5 \\ 25 \\ -30 \\ 1 \end{bmatrix}$$

$$\begin{bmatrix} 0 & 0 & 0.866 & 0 \\ 0 & 0 & 0.866 & 0 \\ 0 & 0 & 0 & 0 \\ 0 & 0 & 0 & 1 \end{bmatrix} \times \begin{bmatrix} 5 \\ 25 \\ -30 \\ 1 \end{bmatrix} = \begin{bmatrix} -20.98 \\ 10 \\ 0 \\ 1 \end{bmatrix}$$

(3) The size is preserved as the projectory are parallel to each other and they don't converge in a single point.

[Explain this concept]