

③

$$\begin{array}{r}
 \text{RL } 13.71 \\
 \text{RL } 13.17 \\
 \hline
 0.54 \div 8 \\
 \hline
 0.068 \\
 0.07 \text{ SAY} \\
 \hline
 \text{THEN} \\
 \div 10 \\
 \hline
 0.007 \\
 \times 4 \\
 \hline
 0.028 (0.03)
 \end{array}$$

④

$$\begin{array}{r}
 \text{RL } 13.17 \\
 .07 + \\
 .07 + \\
 .03 + \\
 \hline
 \therefore \text{RL } 13.34
 \end{array}$$

②

$$\begin{array}{r}
 \text{RL } 13.23 \\
 \text{RL } 12.91 \\
 \hline
 0.32 \\
 \div 5 \\
 \hline
 0.06 \\
 \text{RL } 13.23 \\
 .06 + \\
 \hline
 \therefore \text{RL } 13.17
 \end{array}$$

⑤

$$\begin{array}{r}
 \text{RL } 13.71 \\
 .07 + \\
 .07 + \\
 .03 + \\
 \hline
 \therefore \text{RL } 13.88
 \end{array}$$

①

$$\begin{array}{r}
 \text{RL } 13.91 \\
 \text{RL } 13.66 \\
 \hline
 0.25 \div 5 \text{ INCREM} \\
 \hline
 0.05 \\
 \text{RL } 13.66 + \\
 .05 + \\
 \hline
 \therefore \text{RL } 13.71
 \end{array}$$

⑦

$$\begin{array}{l}
 * \text{ PERMISSIBLE MAX RL} \\
 \text{APEX/RIDGE @ WEST;} \\
 \text{RL } 13.34 \\
 8.50 + \\
 0.849 + (\times 10\% 8.5) \\
 \hline
 = \text{RL } 22.689 \\
 \therefore \text{ MAX = RL } 22.69 \\
 \text{PERMISSIBLE} \\
 \text{AT WEST END}
 \end{array}$$

⑥

$$\begin{array}{l}
 * \text{ PERMISSIBLE MAX RL} \\
 \text{APEX/RIDGE @ EAST;} \\
 \text{RL } 13.88 \\
 8.50 + \\
 0.849 + (\times 10\% 8.5) \\
 \hline
 = \text{RL } 23.23
 \end{array}$$

⑧ $\therefore$ PROPOSED RIDGE LINE IS RL 22.69

