$$\frac{ \begin{array}{c|c} & \stackrel{}{\vdash} & p^{\perp} \Downarrow & [\cdot][\cdot]p; \cdot \\ \hline \vdash & [\cdot][1:p] \cdot ; \cdot / /^{1} \vdash & [\cdot][\cdot]p^{\perp}; \cdot \\ \hline \vdash & [\cdot][1:p] \cdot ; \cdot / /^{1} \vdash & [\cdot][\cdot] \cdot ; p^{\perp} \\ \hline \vdash & [\cdot][1:p] \cdot ; \cdot / /^{1} \vdash & [\cdot][\cdot] \cdot ; p^{\perp} \\ \hline \vdash & [\cdot][2:!^{1}p^{\perp}] \cdot ; \cdot / /^{2} \vdash & [\cdot][\cdot] \cdot ; ?^{1}p \\ \hline \vdash & [\cdot][2:?^{1}p, 2:!^{1}p^{\perp}] \cdot ; \cdot \\ \hline \vdash & [\cdot][0:?; ?^{2}; p, 2:!^{1}p^{\perp}] \cdot ; \cdot \\ \hline \vdash & [\cdot][0:] \cdot ; ?^{2}; p, 2:!^{1}p^{\perp} \end{array} \right) \times$$