

$$\begin{array}{c}
\frac{\frac{\forall x(B \wedge A) \multimap \forall x(B \wedge A)}{\forall x(B \wedge A) \wedge |x| \multimap B \wedge A} \quad B \wedge A \multimap A}{\forall x(B \wedge A) \wedge |x| \multimap A} \\
\frac{\forall x(B \wedge A) \multimap \forall xA}{\forall x(B \wedge A) \multimap B \wedge \forall xA}
\end{array}
\qquad
\begin{array}{c}
\frac{B \wedge A \multimap B}{\forall x(B \wedge A) \multimap \forall xB} \quad \frac{\frac{\forall xB \multimap \forall xB}{\forall xB \wedge |A| \multimap B} \quad \frac{\forall xB \multimap B \wedge |x| \quad B \wedge |x| \multimap B}{\forall xB \multimap B}}{\forall x(B \wedge A) \multimap B}
\end{array}$$