Let all $x_1, \ldots, x_n$ be distinct

For all $\ell_1, \ldots, \ell_n \not\in \text{dom } \sigma_n$ (and all distinct)

\[ \sigma_0 = \sigma \]

\[ \langle e_1, \rho, \sigma_0 \rangle \Downarrow \langle v_1, \sigma_1 \rangle \]

\[ \vdots \]

\[ \langle e_n, \rho, \sigma_{n-1} \rangle \Downarrow \langle v_n, \sigma_n \rangle \]

\[ \langle e, \rho\{x_1 \mapsto \ell_1, \ldots, x_n \mapsto \ell_n\}, \sigma\{\ell_1 \mapsto v_1, \ldots, \ell_n \mapsto v_n\} \rangle \Downarrow \langle v, \sigma' \rangle \]

\[ \langle \langle x_1, e_1, \ldots, x_n, e_n, e \rangle, \rho, \sigma \rangle \Downarrow \langle v, \sigma' \rangle \]

\[ \langle \langle x_1, e_1, \ldots, x_n, e_n, e \rangle, \rho, \sigma \rangle \Downarrow \langle v, \sigma' \rangle \]

\[ \langle \langle x_1, e_1, \ldots, x_n, e_n, e \rangle, \rho, \sigma \rangle \Downarrow \langle v, \sigma' \rangle \]