$(B\ \rho) \longrightarrow B$ [ρ-bool]

$(N\ \rho) \longrightarrow N$ [ρ-num]

$(CH\ \rho) \longrightarrow CH$ [ρ-char]

$(O\ \rho) \longrightarrow O$ [ρ-op]

$((M_1\ M_2)\ \rho)$ [ρ-app]
$\longrightarrow ((M_1\ \rho)\ (M_2\ \rho))$

$((M :: T)\ \rho) \longrightarrow ((M\ \rho) :: T)$ [ρ-asc]

((mlet $(X\ T)$ = M_1 in M_2) ρ) [ρ-let]
$\longrightarrow$ (mlet $(X\ T)$ = $(M_1\ \rho)$ in $(M_2\ \rho)$)

$(X\ \rho) \longrightarrow W$ [ρ-x]
where lookup2 $[\![\rho, X, W]\!]$

(((λ $(X\ T)\ M$) ρ) W) [app]
$\longrightarrow$ (subst $[\![(X\ W), M]\!]$ ρ)

$(OB\ W\ ...) \longrightarrow W_1$ [δB]
where δB $[\![(OB\ W\ ...), W_1]\!]$

$(ON\ W\ ...) \longrightarrow W_1$ [δN]
where δN $[\![(ON\ W\ ...), W_1]\!]$

$(W :: T) \longrightarrow W$ [asc]

(mlet $(X\ T)$ = W in $(M\ \rho)$) [let]
$\longrightarrow (M$ ext $[\![\rho, (X\ W)]\!])$