$$
\begin{array}{ccccc}
& & I^0(B^{n+1}) & & \\
& & \oplus & & \\
X^{n+1} \longrightarrow & & I^0(H^{n+1}) & \longrightarrow I^1(B^{n+1}) \oplus I^1(H^{n+1}) \oplus I^1(B^{n+2}) \longrightarrow \cdots \\
& & \oplus & & \\
& & I^0(B^{n+2}) & & \\
& & \Big\uparrow{\scriptstyle e_1 p_3} & & \Big\uparrow{\scriptstyle e_1 p_3} \\
X^n \longrightarrow & I^0(B^n) \oplus I^0(H^n) \oplus I^0(B^{n+1}) & \longrightarrow & I^1(B^n) \oplus I^1(H^n) \oplus I^1(B^{n+1}) \longrightarrow \cdots \\
\Big\uparrow & & \Big\uparrow{\scriptstyle e_1 p_3} & & \Big\uparrow{\scriptstyle e_1 p_3} \\
X^{n-1} \longrightarrow & I^0(B^{n-1}) \oplus I^0(H^{n-1}) \oplus I^0(B^n) & \longrightarrow & I^1(B^{n-1}) \oplus I^1(H^{n-1}) \oplus I^1(B^n) \longrightarrow \cdots
\end{array}
$$