

$$\begin{array}{ccc} Z' & \xrightarrow{i} & X' \\ \downarrow & & \downarrow u \\ \mathbb{A}_S^{n-c} & \xrightarrow{g} & \mathbb{A}_S^n \end{array}$$

where  $Z' = i^{-1}(X')$ ,  $g$  is given (base-changing to  $S$ ) by the map of rings

$$\mathbb{Z}[X_1, \dots, X_n] \rightarrow \mathbb{Z}[X_{c+1}, \dots, X_n], \quad X_i \mapsto \begin{cases} 0 & \text{if } i \leq c \\ X_i & \text{if } i > c \end{cases}$$

and  $u$  is étale.