For classical knots and links in $\mathbb{R}^3$ a general planar projection has only crossing points. However a knotted or linked surface $M^2 \subseteq \mathbb{R}^4$ may have triple points when projected to $\mathbb{R}^3$. Links such that all projections must have triple points are called bulky links. In the orientable case, a bulky link is a non-pseudo-ribbon link. For surface links $M^2$ with three or more components we define a new invariant that can detect bulky links. Proof is by showing invariance under higher dimensional knot moves.

For higher dimensional links $M^n \subseteq \mathbb{R}^{n+2}$ we extend definition of bulky links and discuss an extension of our invariant. (Received August 26, 2014)