Given a Borel graph $G$ on a Polish space $X$, we can define the $\sigma$-ideal $I_G$ generated by the compact $G$-anticliques. We investigate the cardinal characteristics $\text{non}(I_G)$ and $\text{cov}(I_G)$, and in particular compare them to the bounding number $b$. I introduce a class of closed graphs for which it is consistent that $\text{non}(I_G) < b$. I will also develop some properties of this class of graphs and provide specific examples and non-examples. (Received September 19, 2016)