

### Tree Opening Expansion Instructions

Generally the easiest way to expand the opening of a cast iron tree grate is to use a portable hard wheel grinder with an abrasive wheel (aluminum oxide). Thin areas of the casting can be easily cut all the way through with the wheel. On thicker areas, such as the casting edges and where there are any heavy support ribs, score the casting about half way through with the grinder. Then hit the section to be removed a sharp blow with a heavy hammer and the casting will break at the score line. Be sure the casting is well supported behind the break before hitting. Expand the castings to the nearest blank area as shown for best strength and aesthetics.

If available a PLASMA Cutter rated to cut at least 1-1/4" thick iron is an easy and clean method of expanding a grate.

