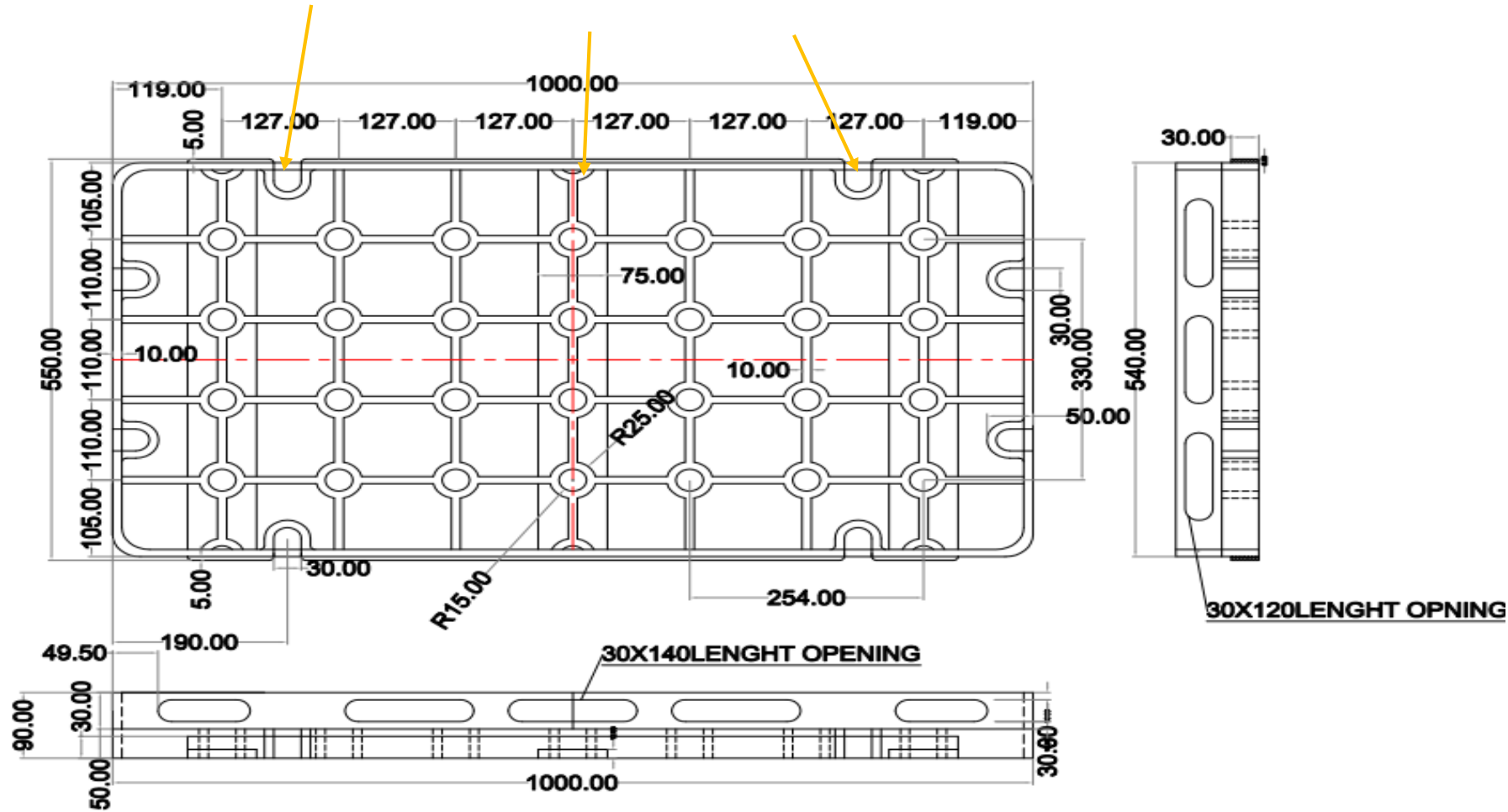


# New concept design for Annealing tray to minimize the breakage

A contract based project for foundry design and prototype

# Old concept design and failures noticed



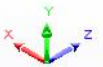
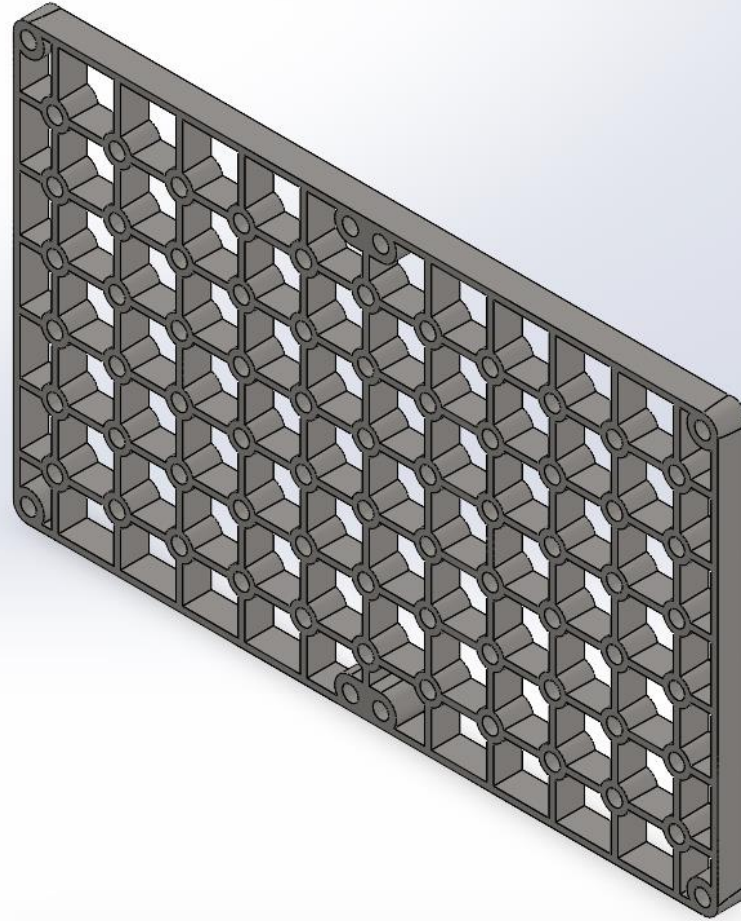
- Failures noticed on edges of top and bottom side of tray with centre being under most stress

**ISO ANNELING TRAY**

# Foundry plant background

- Plant furnace capacity – 500 kg
- Maximum parts to be made from one pour of furnace
- Max weight of one part around 100kg
- Avoid breakage for new design

# New design



# Real prototype

