

# Seasoning Defects

MARKLE

SEASONS

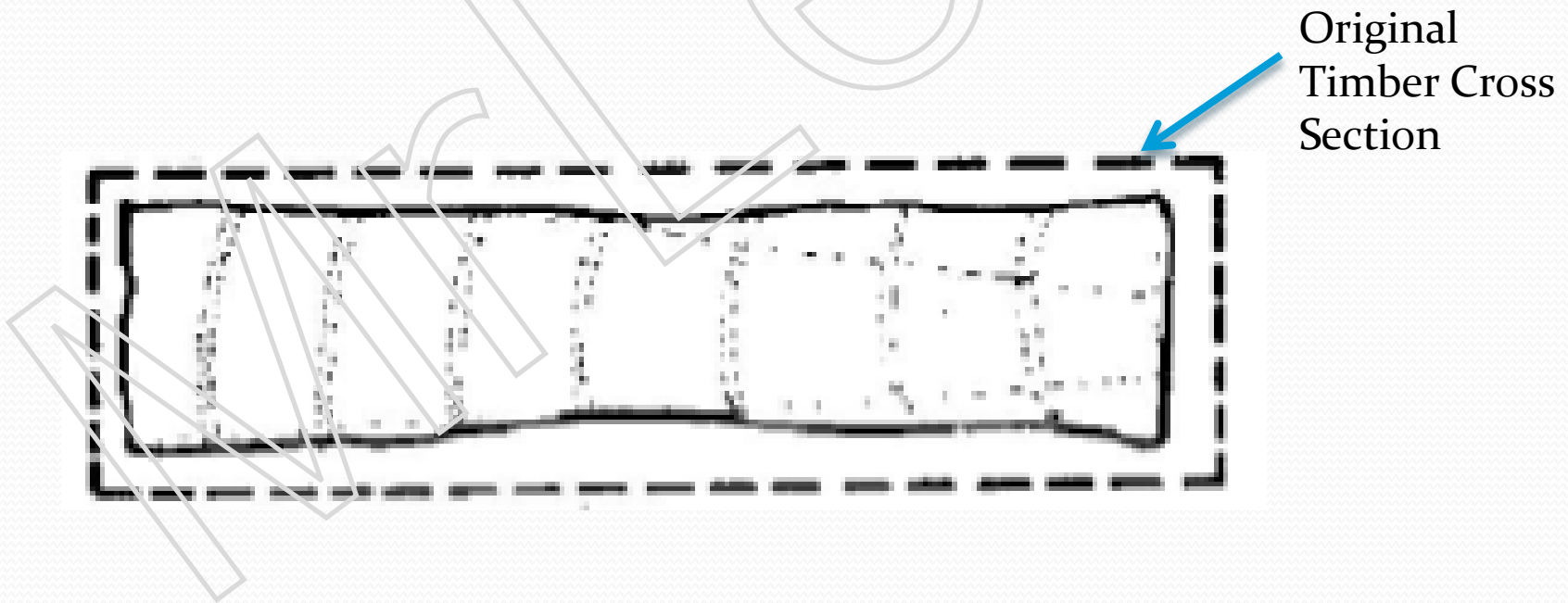
# Honeycombing

- What is honeycombing?
  - Internal splits caused by too rapid kiln seasoning
  - Occurs when core dries too quickly and attempts to shrink
  - Greatly Reduces Strength



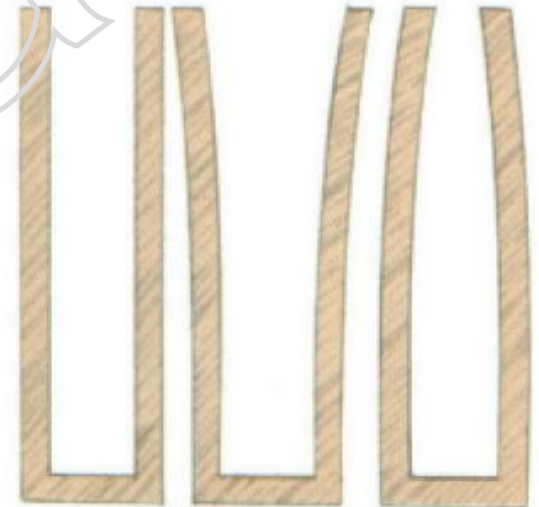
# Collapse

- What is Timber Collapse
  - When moisture is drawn out of timber faster than air can replace it the timber collapses in on itself
  - Occurs when timber is dried too rapidly



# Case Hardening

- Moisture withdrawn too quickly from outside layer
- The outside hardens but the core or centre remains wet
- Can be dangerous during machining



## Prong test for casehardening

If timber has been correctly kiln-dried, the prongs will emerge straight and parallel. If they curve inward, there is casehardening; if they curve outward, the condition has been over-corrected.

# End Checks or Splits

- This is caused if the ends of boards dry out too quickly, due to exposure to the sun or heat.
- It is very common in naturally seasoned timber
- Can be prevented by painting or treating the ends during seasoning

