**SEC. A - A STAGE I**

- Spalled joint faces
- Existing joint groove with joint filler
- Collapsible sealing groove former (for expansion joint only)
- Sawn groove down to 5 to 15 depth (not exceeding half of the depth of the removed concrete; remaining depth to be roughened or formed by chasing.
- Nails and wood wedges at 450 to 600 centres
- 3x50 metal strips face coated with formwork release oil.
- Depth to suit degree of spoiling but not less than 10 (See notes 2 and 3)

**SHAPE OF REPAIR IN PLAN**

**SHAPE OF REPAIR IN PLAN**

**SEC. A - A STAGE II**

- Grade 40/20 concrete (with bonding agent) or approved resin mortar
- Joint sealant to be compatible with existing system
- Caulking if required
- Surface shall be kept wet continuously for 1 hr. prior to concreting; for repairs with resin mortar, manufacturer's specification shall be complied with.

**SEC. A - A STAGE III**

- Existing joint
- Delineating groove
- Notes:
  1. All dimensions are in millimetres
  2. Maximum depth of concrete to be removed shall be limited to 1/3 of concrete slab thickness and shall not be lower than the top of the dowel bar.
  3. Refer to Drg. No. H122 for depth of concrete to be removed (lower than the top of the dowel bar or larger than 1/3 of concrete slab thickness, whichever is the less.

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**HIGHWAYS DEPARTMENT**

**REVISION**

- A Drg. title amended; descriptions generally revised and notes 2 & 3 added
- Former Drg. No. H1008/2 with general revision

**REFERENCE**

- CAD

**DRAWING No.**

- H 1121A

**SCALE**

- Diagrammatic