

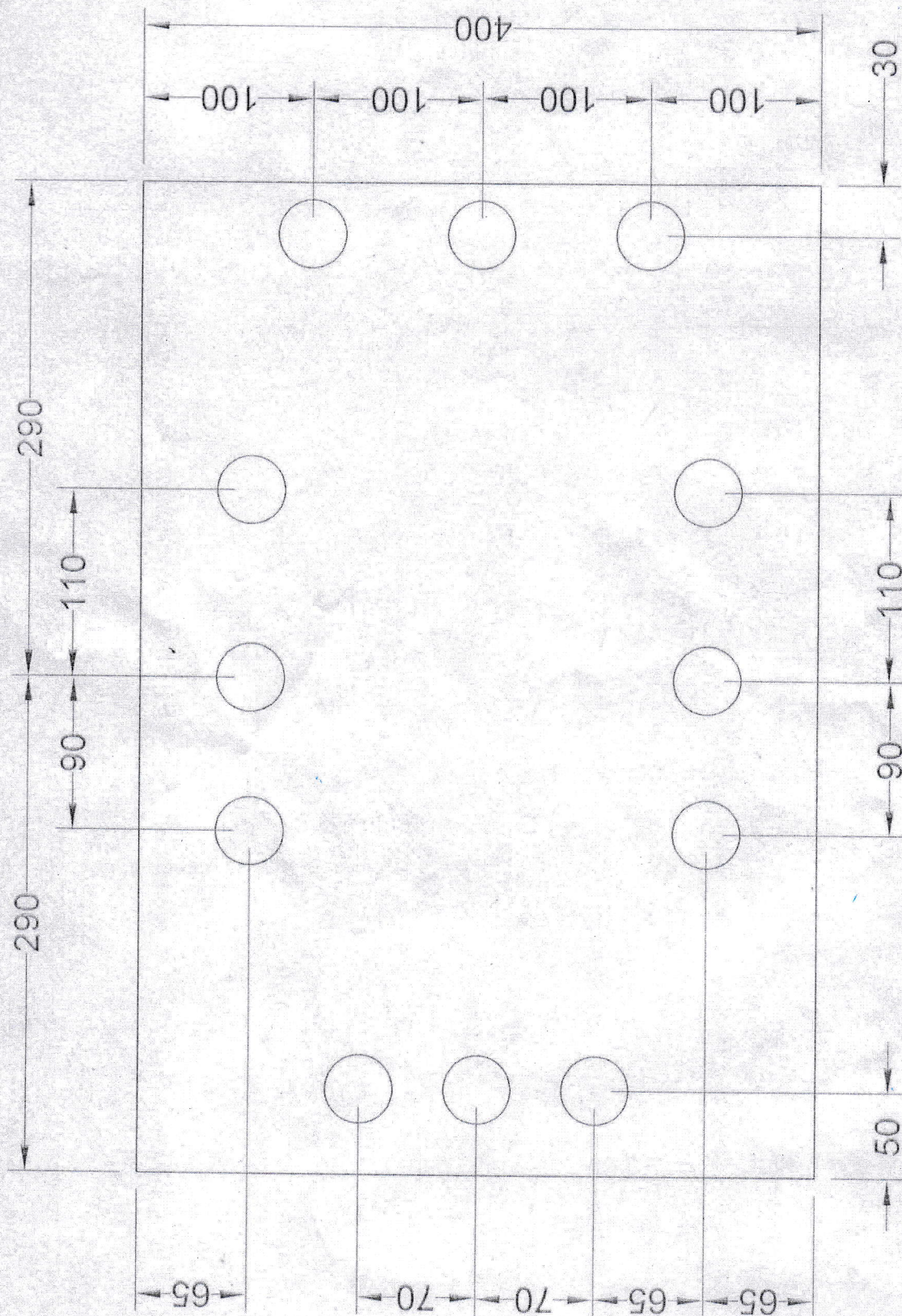
Annexure-I

Jib Crane: Self-supporting pillar type jib crane

1. Capacity: 2.0 Ton (SWL)
2. Boom length (Jib radius): 5.5 m [Preferred: made of 250 × 125 mm I Section Beam]
3. Height of column + 6.0 m from GL,
Bottom of Boom: + 5.0 m from GL (minimum)
Lifting Height (Hook height): + 4.5 m from GL (minimum)
4. Hoist: Lifting capacity: 2.0 Ton
Lifting Height: + 6.0 m from GL
Number of rope falls: 2 Nos.
Steel rope dia: 12.0 mm (min.)
Hoisting speed: 6 M/Min
CT speed: 15-20 M/Min
Motor: 3ph induction motor with operating pendant or remote
Brake: Hoist and CT motion to be provided with electromagnetic AC disc type brake
Limit switches: Suitable limit switches to be provided for upward and onward Motion of the hoist
Class & duty: Class IV (Outside operation)
Electric Rope drum: Separate wire rope drum to be provided
Hook: Suitable forged hook to be provided
5. Boom rotation: 270 degree (minimum) using Electric Motor
Motor: 3 Phase induction motor,
Operation of motor through pendant or remote
Brake: Electromagnetic AC disc type brake
Class & duty: Class IV (Outside operation)
6. MOC: MS (IS 2062)
7. Existing Civil Foundation as per Annexure-II

Panthe Das
09/05/2019

Annex



N.B. : ALL HOLE DIAMETERS ARE 40 mm
DIMENSION ARE IN mm

Done
P. H. / 09/05/2019