

HIGHER TECHNICAL INSTITUTE

CIVIL ENGINEERING DEPARTMENT

Production of topographical map
by

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SUMMARY

The object of the project was to produce a topographical map of an area 300×250 m chosen by our self .The area is situated in Strovolos area near the boundary with Tseri and Laxia .

The whole project was divided into following steps :

- 1.The first step was the reconnaissance survey of the area and the selection of position and number of station.
- 2.Next , the co-ordinates of the station were determined by the process of traversing.
- 3.After , using levelling the reduced level of the stations were found the reduced level of the 8th station as 204.434 m.(A.D.)
- 4.Contouring was carried out using the grid method.
- 5.Finally, all existing features with the boundaries of the area were measured by the process of chain surveying.

By the combination of the above three maps were drawn :

- 1.Traverse.
- 2.Levelling and Contouring.
- 3.Final map.

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