

DESIGN OF A PORTAL - FRAMED WAREHOUSE TO BS 5950

BY

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Project Report

Submitted to

the Department of Civil Engineering

of the Higher Technical Institute

Nicosia CYPRUS

in partial fulfillment of the requirements

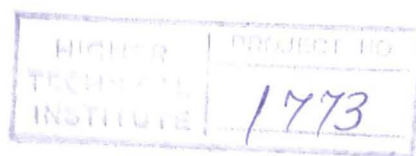
for the diploma of

TECHNICIAN ENGINEER

in

CIVIL ENGINEERING

June 1991



## S U M A R Y

The purpose of this project is to design a Portal framed warehouse using the new limit state code BS 5950.

In the first chapter the limit state design theory is given with regard to limit state design principles, working and factored loads, stability limit states, design strength of materials and design methods for buildings.

In the second chapter the portal frame is designed elastically. The various parts of the frame are checked as specified in the code for an elastic analysis (cl. 5.5.2).

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