Computer Aided Design for Construction in the Building Industry

Proefschrift

ter verkrijging van de graad van doctor
aan de Technische Universiteit Delft,
op gezag van de Rector Magnificus,
prof.ir. K.F. Wakker,
in het openbaar te verdedigen
ten overstaan van een commissie
aangewezen door het College van Dekanen
op dinsdag 25 januari 1994 te 14.00 uur

door

Gijsbertus Theodorus Luiten

civiel ingenieur,

geboren te Harmelen.

Contents

Summary

In the last decades, the bu
from society. There is a
custom-made buildings,
working conditions. This

One of the answers o
be to improve the integr
Integration of sub-proces
continuous and interdisci
mation among all projec
struction (DfC) deals wit
the building industry's o
Design for Assembly and
dustry.

Since design and con
ported by computers, it
computers as well. For I
Aided Design for Constr
grated Construction (CIC
infancy. This PhD researc
mature state.

This research looks at the
view:

- integration conce
- computer implem
- organisational im

The integration conce
tion of building processe
grated. To integrate com
edge used have to be shar
of information and knowl

Technical implementa
puter support. Among ot
dards and for using thos
computer applications.

Before the participant
DfC, they want to know w