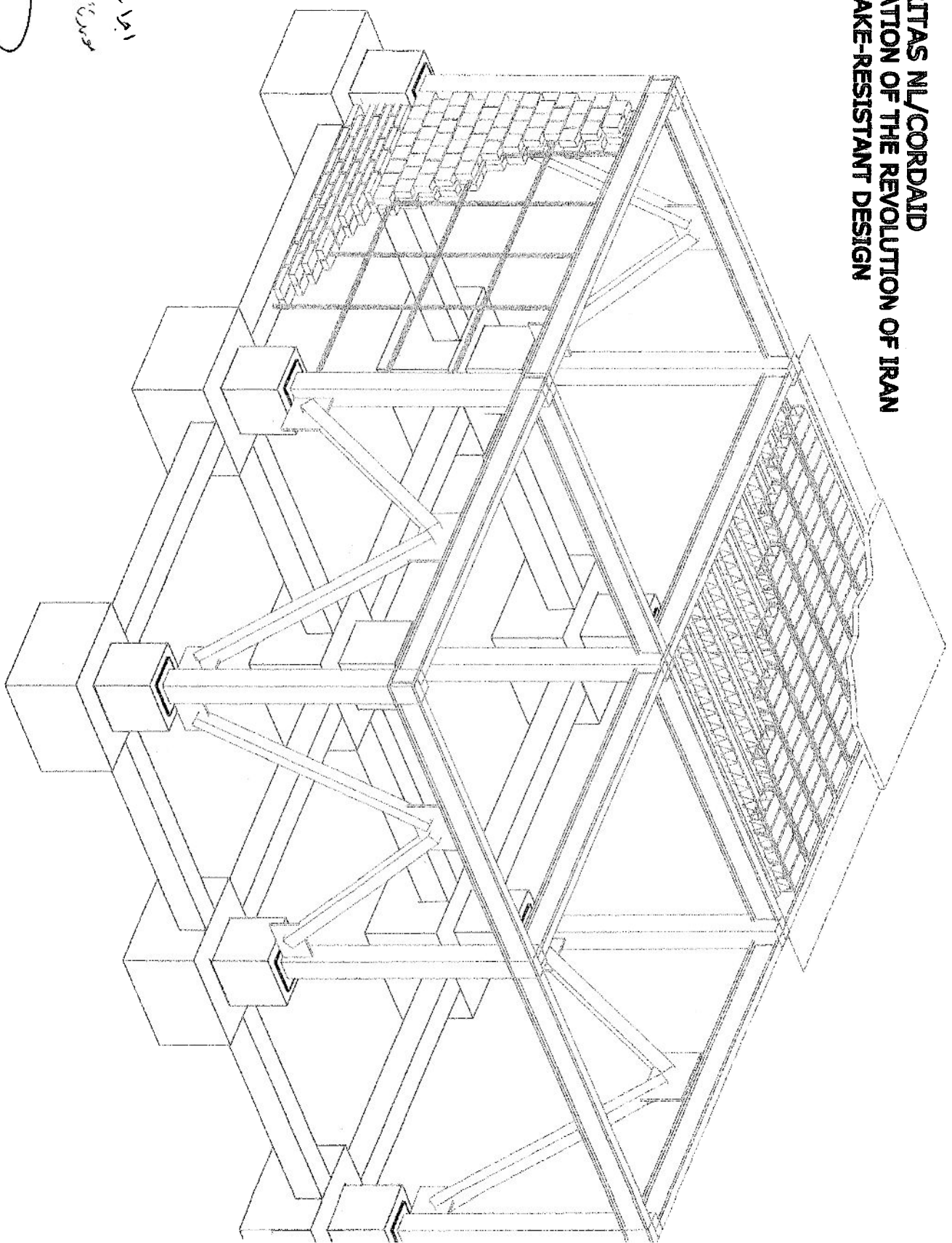


CARITAS NL/CORDAID
HOUSING FOUNDATION OF THE REVOLUTION OF IRAN
EARTHQUAKE-RESISTANT DESIGN



بج ۲

ابو سجاد ۲ افقی و عمودی
موردت نام است

CARITAS NL / CORDAID

HOUSING FOUNDATION OF THE REVOLUTION OF IRAN

EARTHQUAKE-RESISTANT DESIGN

ROOF CONSTRUCTION:

- JOIST SLAB FLOOR CONSTRUCTION
(HOLLOW POD FLOOR) TOTAL 25CM THICK
INCLUDING SCREED TO FALLS
- ALUMINIUM COATED BITUMEN SHEETING

STEEL PROFILE SUPERSTRUCTURE (BOLTED CONNECTIONS):

- STRUTS BOLTED TO RC COLUMN STARTERS
- BRACES BOLTED TO GUSSET PLATES (STRUTS+TIE BEAMS)
- TIE BEAM(ROOF)BOLTED TO STRUTS AND BRACES

REINFORCED HOLLOW BRICK WALL :

- EXTERNAL WALLS -20CM THICK (HOLLOW BLOCKS 20*20*10)
- INTERNAL WALLS-10CM THICK (HOLLOW BLOCKS 10*20*10)
- 8 STEEL BARS GRID . 80*80 cm

REINFORCED CONCRETE :

- FOUNDATION FOOTING
- COLUMN STARTERS
- GROUND BEAMS