

\$-----PROGRAM NAME

CONKER 6.0

\$-----HEADING LINE

F BUILDING RC DESIGN UNIT : KG-METER
T. H. CHENG STRUCTURAL ENGINEERING & ASSOCIATES

\$----- (1) CONTROL DATA

\$ ICODE NFR NLC LDC LLC NRMP NRCP NRBP NCRV NPTS IPRI IPHI

2 1 9 1 2 2 3 7 7 21 0 0

\$ MBB MBV MCI MCV MJV MJR

1 1 1 1 1 1

\$----- (2) LOAD COMBINATION DEFINITION DATA

\$ L LTYP XI XII XIII XA XB XC XD1 XD2 XD3

1 0 1.4 1.7

2 0 1.05 1.275 0 0 0 0 1.4*1.2

3 0 1.05 1.275 0 0 0 0 -1.4*1.2

4 0 1.05 1.275 0 0 0 0 0 1.4*1.2

5 0 1.05 1.275 0 0 0 0 0 -1.4*1.2

6 0 0.9 0 0 0 0 0 1.43*1.2

7 0 0.9 0 0 0 0 0 -1.43*1.2

8 0 0.9 0 0 0 0 0 0 1.43*1.2

9 0 0.9 0 0 0 0 0 0 -1.43*1.2

\$----- (3) MATERIAL PROPERTY REDEFINITION DATA

\$ MID MTYPE E U W M ALPHRA FY FC FYS FCS

1 C 2.1E09 0.17 2400 0 0 4.2E7 2.10E6 2.8E7 2.10E6

2 C 2.1E09 0.17 2400 0 0 4.2E7 2.10E6 2.8E7 2.10E6

\$----- (4) SECTION PROPERTY REDEFINITION DATA

\$ COLUMN PROPERTY

\$ ID ITYPE IMAT DMAJ DMIN DC ABAR1 ABAR2

1 RR-3-5 1 0.30 0.50 0.07\$3.87E-4 3.87E-4

2 RR-3-3 1 0.50 0.30 0.07\$3.87E-4 3.87E-4

3 RR-3-3 1 0.30 0.30 0.07\$3.87E-4 3.87E-4

\$ BEAM PROPERTY

\$ ID ITYPE IMAT DB DA BB DS BF DCT DCB ATI ABI ATJ ABJ

1 RECT 1 0.50 0 0.30 0 0 0.08 0.08

2 RECT 1 0.50 0 0.30 0 0 0.08 0.08

3 RECT 1 0.50 0 0.30 0 0 0.08 0.08

4 RECT 1 0.40 0 0.25 0 0 0.08 0.08

5 RECT 1 1.20 0 0.35 0 0 0.08 0.08

6 RECT 1 1.20 0 0.35 0 0 0.08 0.08

7 RECT 1 0.45 0 0.35 0 0 0.08 0.08

\$----- (5) FRAME DESIGN CACTIVATION DATA SETS

\$ IFRN ITYP IRCP IRBP ALPHA

1 3 1 1 0

\$ COLUMN ELEMENT REASSIGNMENT DATA
\$ NT NC1 NC2 NSAME SD1 SD2 P1 P2 P3 P4

\$ BEAM ELEMENT REASSIGNMENT DATA
\$ NT NB1 NB2 NSAME SD1 SD2 P1 P2 P3 P4
\$ I 33 33 0 3F 3F 5

\$ END RC-DESIGN INPUT DATA