4. DATOS DE ENTRADA MODELO

ELEMENTOS DE CONCRETO
ELEMENTOS METALICOS

NIVELES GENERALES

EDIFICIO RAMPA MEMORIAS R1
EDIFICIO DE LA RAMPA
DATOS DE ENTRADA

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$ PROGRAM INFORMATION
PROGRAM "STAB" VERSION "8.4.8"

$ CONTROLS
UNITS "TON" "M"
PREFERENCE MKSUBSTOL 0.001
BLY METHOD "TRIAB3" USEDEFAULTMIN "YES"

$ STORIES - IN SEQUENCE FROM TOP
STORY "STORY4" HEIGHT 3.55 MASTERSTORY "Yes"
STORY "STORY3" HEIGHT 2.22
STORY "STORY2" HEIGHT 2.21
STORY "STORY1" HEIGHT 0.92
STORY "BASE" LEVEL 0

$ DIAPHRAGM NAMES
DIAPHRAGM "D1"

$ GRIDS
COORDSYSTEM "GLOBAL" TYPE "CARTESIAN" BUBBLESIDE 1.25
GRID LABEL "1" DIR X COORD 0 GRIDTYPE "PRIMARY" GRIDLOC "DEFAULT" GRIDHIDE "NO"
GRID LABEL "2" DIR X COORD 2.9 GRIDTYPE "PRIMARY" GRIDLOC "DEFAULT" GRIDHIDE "NO"
GRID LABEL "3" DIR X COORD 5.8 GRIDTYPE "PRIMARY" GRIDLOC "DEFAULT" GRIDHIDE "NO"
GRID LABEL "4" DIR X COORD 11.4 GRIDTYPE "PRIMARY" GRIDLOC "DEFAULT" GRIDHIDE "NO"
GRID LABEL "5" DIR X COORD 13.85 GRIDTYPE "SECONDARY" GRIDLOC "DEFAULT" GRIDHIDE "NO"
GRID LABEL "6" DIR X COORD 16.25 GRIDTYPE "SECONDARY" GRIDLOC "DEFAULT" GRIDHIDE "NO"
GRID LABEL "7" DIR X COORD 17.4 GRIDTYPE "PRIMARY" GRIDLOC "DEFAULT" GRIDHIDE "NO"
GRID LABEL "8" DIR X COORD 23.2 GRIDTYPE "PRIMARY" GRIDLOC "DEFAULT" GRIDHIDE "NO"
GRID LABEL "9" DIR X COORD 29 GRIDTYPE "PRIMARY" GRIDLOC "DEFAULT" GRIDHIDE "NO"
GRID LABEL "10" DIR X COORD 31.9 GRIDTYPE "PRIMARY" GRIDLOC "DEFAULT" GRIDHIDE "NO"
GRID LABEL "11" DIR X COORD 34.8 GRIDTYPE "PRIMARY" GRIDLOC "DEFAULT" GRIDHIDE "NO"
GRID LABEL "12" DIR X COORD 0 GRIDTYPE "PRIMARY" GRIDLOC "DEFAULT" GRIDHIDE "NO"
GRID LABEL "13" DIR X COORD 2.6 GRIDTYPE "PRIMARY" GRIDLOC "SWITCHED" GRIDHIDE "NO"
GRID LABEL "14" DIR X COORD 5.2 GRIDTYPE "PRIMARY" GRIDLOC "SWITCHED" GRIDHIDE "NO"

$ FRAME SECTIONS
FRAMESECTION "C125X50" MATERIAL "CONC28" SHAPE "Rectangular" D 1.2 B 0.5
FRAMESECTION "C115X50" MATERIAL "STEEL" SHAPE "Box/Tube" D 0.2 B 0.2 TP 0.005 TW 0.005
FRAMESECTION "STEL" MATERIAL "CONCRETE" SHAPE "Rectangular" D 0.6 B 0.5
FRAMESECTION "V50X80" MATERIAL "CONCRETE" SHAPE "Rectangular" D 0.7 B 0.5
FRAMESECTION "V50X70" MATERIAL "CONCRETE" SHAPE "Rectangular" D 0.7 B 0.5
FRAMESECTION "IPK400" MATERIAL "STEEL" SHAPE "IPK400"
FRAMESECTION "C125X50" IEMOD 0.7 IEMOD 0.7
FRAMESECTION "V50X80" IEMOD 0.5 IEMOD 0.5
FRAMESECTION "V50X70" IEMOD 0.5 IEMOD 0.5

$ REBAR DEFINITIONS
REBARDEFINITION "A2" AREA 3.229E-05 DIA 0.00365
REBARDEFINITION "A3" AREA 7.0967E-05 DIA 0.00982
REBARDEFINITION "A4" AREA 1.2903E-04 DIA 0.0127
REBARDEFINITION "A5" AREA 1.99999E-04 DIA 0.01379
REBARDEFINITION "A6" AREA 2.8387E04 DIA 0.01905
REBARDEFINITION "A7" AREA 3.8709E-04 DIA 0.02225
REBARDEFINITION "A8" AREA 5.0967E-04 DIA 0.0224
REBARDEFINITION "A9" AREA 6.4516E-04 DIA 0.0285
REBARDEFINITION "A10" AREA 8.1935E-04 DIA 0.03258
REBARDEFINITION "A11" AREA 1.004E-03 DIA 0.03814
REBARDEFINITION "A12" AREA 1.4516E-03 DIA 0.0430022
REBARDEFINITION "A13" AREA 2.5804E-03 DIA 0.0573278
REBARDEFINITION "A14" AREA 0.00033 DIA 0.01313
REBARDEFINITION "A15" AREA 0.00021 DIA 0.016
REBARDEFINITION "A16" AREA 0.0003 DIA 0.0195
REBARDEFINITION "A17" AREA 0.0005 DIA 0.0252
REBARDEFINITION "A18" AREA 0.0007 DIA 0.0299
REBARDEFINITION "A19" AREA 0.001 DIA 0.03137
REBARDEFINITION "A20" AREA 0.0015 DIA 0.0437
REBARDEFINITION "A21" AREA 0.0025 DIA 0.0564
REBARDEFINITION "A22" AREA 0.0005 DIA 0.0046
REBARDEFINITION "A23" AREA 0.00005 DIA 0.008
REBARDEFINITION "A24" AREA 0.000075 DIA 0.01
REBARDEFINITION "A25" AREA 0.000113 DIA 0.012

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EDIFICIO RAMPA MEMORIAS R1
LINE "C9" COLUMN "10" "10" 1
LINE "C10" COLUMN "11" "11" 1
LINE "C11" COLUMN "12" "12" 1
LINE "C12" COLUMN "13" "13" 1
LINE "C13" COLUMN "14" "14" 1
LINE "C14" COLUMN "15" "15" 1
LINE "C15" COLUMN "16" "16" 1
LINE "C16" COLUMN "17" "17" 1
LINE "C17" COLUMN "18" "18" 1
LINE "C18" COLUMN "19" "19" 1
LINE "C19" COLUMN "20" "20" 1
LINE "C20" COLUMN "21" "21" 1
LINE "C21" COLUMN "22" "22" 1
LINE "C22" COLUMN "23" "23" 1
LINE "B1" BEAM "3" "3" 0
LINE "B2" BEAM "4" "4" 0
LINE "B3" BEAM "5" "5" 0
LINE "B4" BEAM "6" "6" 0
LINE "B5" BEAM "7" "7" 0
LINE "B6" BEAM "8" "8" 0
LINE "B7" BEAM "9" "9" 0
LINE "B8" BEAM "10" "10" 0
LINE "B9" BEAM "11" "11" 0
LINE "B10" BEAM "12" "12" 0
LINE "B11" BEAM "13" "13" 0
LINE "B12" BEAM "14" "14" 0
LINE "B13" BEAM "15" "15" 0
LINE "B14" BEAM "16" "16" 0
LINE "B15" BEAM "17" "17" 0
LINE "B16" BEAM "18" "18" 0
LINE "B17" BEAM "19" "19" 0
LINE "B18" BEAM "20" "20" 0
LINE "B19" BEAM "21" "21" 0
LINE "B20" BEAM "22" "22" 0
LINE "B21" BEAM "23" "23" 0
LINE "B22" BEAM "24" "24" 0
LINE "B23" BEAM "25" "25" 0
LINE "B24" BEAM "26" "26" 0
LINE "B25" BEAM "27" "27" 0
LINE "B26" BEAM "28" "28" 0
LINE "B27" BEAM "29" "29" 0
LINE "B28" BEAM "30" "30" 0
LINE "B29" BEAM "31" "31" 0
LINE "B30" BEAM "32" "32" 0
LINE "B31" BEAM "33" "33" 0
LINE "B32" BEAM "34" "34" 0
LINE "B33" BEAM "35" "35" 0
LINE "B34" BEAM "36" "36" 0
LINE "B35" BEAM "37" "37" 0
LINE "B36" BEAM "38" "38" 0
LINE "B37" BEAM "39" "39" 0
LINE "B38" BEAM "40" "40" 0
LINE "B39" BEAM "41" "41" 0
LINE "B40" BEAM "42" "42" 0
LINE "B41" BEAM "43" "43" 0
LINE "B42" BEAM "44" "44" 0
LINE "B43" BEAM "45" "45" 0
LINE "B44" BEAM "46" "46" 0
LINE "B45" BEAM "47" "47" 0
LINE "B46" BEAM "48" "48" 0
LINE "B47" BEAM "49" "49" 0
LINE "B48" BEAM "50" "50" 0
LINE "B49" BEAM "51" "51" 0
LINE "B50" BEAM "52" "52" 0
LINE "B51" BEAM "53" "53" 0
LINE "B52" BEAM "54" "54" 0
LINE "B53" BEAM "55" "55" 0
LINE "B54" BEAM "56" "56" 0
LINE "B55" BEAM "57" "57" 0
LINE "B56" BEAM "58" "58" 0
LINE "B57" BEAM "59" "59" 0
LINE "B58" BEAM "60" "60" 0

$ POINT ASSIGN

POINTASSIGN "1" "BASE" "RESTRAINT" "OX UY UX RX RY RZ"
POINTASSIGN "2" "BASE" "RESTRAINT" "OX UY UX RX RY RZ"
POINTASSIGN "3" "BASE" "RESTRAINT" "OX UY UX RX RY RZ"
POINTASSIGN "4" "BASE" "RESTRAINT" "OX UY UX RX RY RZ"
POINTASSIGN "5" "BASE" "RESTRAINT" "OX UY UX RX RY RZ"
POINTASSIGN "6" "BASE" "RESTRAINT" "OX UY UX RX RY RZ"
POINTASSIGN "7" "BASE" "RESTRAINT" "OX UY UX RX RY RZ"
POINTASSIGN "8" "BASE" "RESTRAINT" "OX UY UX RX RY RZ"
POINTASSIGN "9" "BASE" "RESTRAINT" "OX UY UX RX RY RZ"
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POINTASSIGN "16" "BASE" "RESTRAINT" "OX UY UX RX RY RZ"
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POINTASSIGN "21" "BASE" "RESTRAINT" "OX UY UX RX RY RZ"
POINTASSIGN "22" "BASE" "RESTRAINT" "OX UY UX RX RY RZ"
POINTASSIGN "23" "BASE" "RESTRAINT" "OX UY UX RX RY RZ"
POINTASSIGN "24" "BASE" "RESTRAINT" "OX UY UX RX RY RZ"
POINTASSIGN "25" "BASE" "RESTRAINT" "OX UY UX RX RY RZ"

$ LINE ASSIGN

LINEASSIGN "B1" "STORY" "SECTION" "V50X80" AMG 0
LINEASSIGN "B2" "STORY" "SECTION" "V50X80" AMG 0

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