* BEAM MEMBER : [ DOUBLE REINFORCEMENT ]
  1. General Information
     1. Design Code : ECP 203-2007
     2. Unit System : N, mm
  2. Material
     1. : 25.00MPa
     2. : 400MPa
     3. : 400MPa
  3. Section
     1. Section Size : 400 x 600mm (R-Section)
     2. Cover : 40.00mm
     3. Compression Bar : Not Considered
     4. Splice Type : 0%



* 1. Moments and Forces
     1. : 0.000kN·m
     2. : 0.000kN·m
     3. : 0.000kN
  2. Reinforcement
     1. Area of steel from equilibrium equation single Reinforcement (ECP 203-200 - 4-7) [page no 8 – 4]

* + 1. Minimum Area of Steel tensile

* + 1. Minimum Area of compressive Steel tensile

* 1. Check Bending Moment Capacity
     1. Calculate max moment capacity Double Reinforcement (ECP 203-200 - 4-6) [page no 8-4]
* 1. Check Shear Capacity
     1. Calculate shear strength by concrete

* + 1. Calculate shear strength by stirrup
       - S
    2. Calculate of shear capacity
* MEMBER NAME : B01 [ Middle ]
  1. General Information
     1. Design Code : ECP 203-2007
     2. Unit System : N, mm
  2. Material
     1. : 25.00MPa
     2. : 400MPa
     3. : 400MPa
  3. Section
     1. Section Size : 400 x 600mm (R-Section)
     2. Cover : 40.00mm
     3. Compression Bar : Not Considered
     4. Splice Type : 0%



* 1. Moments and Forces
     1. : 0.000kN·m
     2. : 0.000kN·m
     3. : 0.000kN
  2. Reinforcement
     1. Area of steel from equilibrium equation single Reinforcement (ECP 203-200 - 4-7) [page no 8 – 4]

* + 1. Minimum Area of Steel tensile

* + 1. Minimum Area of compressive Steel tensile

* 1. Check Bending Moment Capacity
     1. Calculate max moment capacity Double Reinforcement (ECP 203-200 - 4-6) [page no 8-4]

* 1. Check Shear Capacity
     1. Calculate shear strength by concrete

* + 1. Calculate shear strength by stirrup
       - S
    2. Calculate of shear capacity
* MEMBER NAME : B01 [ End(J) ]
  1. General Information
     1. Design Code : ECP 203-2007
     2. Unit System : N, mm
  2. Material
     1. : 25.00MPa
     2. : 400MPa
     3. : 400MPa
  3. Section
     1. Section Size : 400 x 600mm (R-Section)
     2. Cover : 40.00mm
     3. Compression Bar : Not Considered
     4. Splice Type : 0%



* 1. Moments and Forces
     1. : 0.000kN·m
     2. : 0.000kN·m
     3. : 0.000kN
  2. Reinforcement
     1. Area of steel from equilibrium equation single Reinforcement (ECP 203-200 - 4-7) [page no 8 – 4]

* + 1. Minimum Area of Steel tensile

* + 1. Minimum Area of compressive Steel tensile

* 1. Check Bending Moment Capacity
     1. Calculate max moment capacity Double Reinforcement (ECP 203-200 - 4-6) [page no 8-4]

* 1. Check Shear Capacity
     1. Calculate shear strength by concrete

* + 1. Calculate shear strength by stirrup
       - S
    2. Calculate of shear capacity