

| MEMBER       | BAR MARK | BAR $\phi$ | SHAPE OF BAR | LENGTH (M) | REQ. NO. | TOTAL LENGTH (M) | WEIGHT Kg/M <sup>3</sup> | WEIGHT (T) |
|--------------|----------|------------|--------------|------------|----------|------------------|--------------------------|------------|
| BEAM REINF'T | 1        | 25         |              | 5.637      | 20       | 112.740          | 3.85                     | 0.435      |
| BEAM REINF'T | 2        | 25         |              | 8.725      | 20       | 174.500          | 3.85                     | 0.673      |
| BEAM REINF'T | 3        | 25         |              | 5.637      | 20       | 112.740          | 3.85                     | 0.435      |
| BEAM REINF'T | 4        | 12         |              | 540        | 40       | 21.600           | 0.89                     | 0.019      |
| BEAM REINF'T | 5        | 12         |              | 1.510      | 40       | 60.400           | 0.89                     | 0.054      |
| BEAM REINF'T | 6        | 12         |              | 1.760      | 100      | 176.000          | 0.89                     | 0.156      |
| BEAM REINF'T | 7        | 12         |              | 200        | 160      | 32.000           | 0.89                     | 0.028      |
| BEAM REINF'T | 8        | 20         |              | 9.625      | 20       | 192.500          | 2.47                     | 0.475      |
| BEAM REINF'T | 9        | 16         |              | 9.145      | 20       | 182.900          | 1.58                     | 0.289      |
| BEAM REINF'T | 10       | 20         |              | 7.925      | 20       | 158.500          | 2.47                     | 0.391      |
| BEAM REINF'T | 11       | 16         |              | 7.685      | 20       | 153.700          | 1.58                     | 0.243      |
| BEAM REINF'T | 12       | 10         |              | 1.400      | 300      | 420.000          | 0.62                     | 0.259      |
| BEAM REINF'T | 13       | 10         |              | 1.900      | 300      | 570.000          | 0.62                     | 0.352      |
| BEAM REINF'T | 14       | 10         |              | 1.400      | 100      | 140.000          | 0.62                     | 0.086      |
| BEAM REINF'T | 15       | 10         |              | 1.400      | 100      | 140.000          | 0.62                     | 0.086      |

| MEMBER         | BAR MARK | BAR $\phi$ | SHAPE OF BAR | LENGTH (M) | REQ. NO. | TOTAL LENGTH (M) | WEIGHT Kg/M <sup>3</sup> | WEIGHT (T) |
|----------------|----------|------------|--------------|------------|----------|------------------|--------------------------|------------|
| BEAM REINF'T   | 16       | 10         |              | 1.400      | 400      | 560.000          | 0.62                     | 0.345      |
| BEAM REINF'T   | 17       | 10         |              | 1.900      | 400      | 760.000          | 0.62                     | 0.469      |
| BEAM REINF'T   | 18       | 10         |              | 1.400      | 80       | 112.000          | 0.62                     | 0.069      |
| BEAM REINF'T   | 19       | 10         |              | 1.400      | 80       | 112.000          | 0.62                     | 0.069      |
| BEAM REINF'T   | 20       | 12         |              | 4.470      | 80       | 357.600          | 0.89                     | 0.318      |
| BEAM REINF'T   | 21       | 20         |              | 4.470      | 80       | 357.600          | 2.47                     | 0.882      |
| BEAM REINF'T   | 22       | 12         |              | 4.360      | 40       | 174.400          | 0.89                     | 0.155      |
| BEAM REINF'T   | 23       | 20         |              | 4.360      | 40       | 174.400          | 2.47                     | 0.430      |
| BEAM REINF'T   | 24       | 10         |              | 336        | 1840     | 618.240          | 0.62                     | 0.381      |
| BEAM REINF'T   | 25       | 10         |              | 336        | 880      | 295.680          | 0.62                     | 0.182      |
| TOTAL WEIGHT = |          |            |              |            |          |                  |                          | 7.281      |

TOTAL QUANTITY :-

| BAR $\phi$     | WEIGHT Kg/M <sup>3</sup> | TOTAL LENGTH (M) | TOTAL WEIGHT (T) |
|----------------|--------------------------|------------------|------------------|
| 8              | 0.39                     | 0.000            | 0.000            |
| 10             | 0.62                     | 3727.920         | 2.299            |
| 12             | 0.89                     | 822.000          | 0.730            |
| 16             | 1.58                     | 336.600          | 0.531            |
| 20             | 2.47                     | 883.000          | 2.178            |
| 25             | 3.85                     | 399.980          | 1.542            |
| 32             | 6.32                     | 0.000            | 0.000            |
| TOTAL WEIGHT = |                          |                  | 7.281            |