



| 01.11 Beams Quantity Survey | | Section: 03.01.08 - Cast In Place Concrete Reinforced Concrete with minimum of Compressive Strenght of -- Days of -- MPA accoring to specifications including all necessary Formwork,Isolation & Construction Joints,Additives,etc. according to specifications and drawings | | | |  | |
|-----------------------------|------------------------------|---|----------------------------|-----------|-------------|---|--|
| Villa Type A3 | | | | | | | |
| Reference Level | Type | Count | Volume = Area * Cut Length | | | | |
| | | | Cut Length (M) | Area (M2) | Volume (M3) | | |
| (103.20) S 1st | | | | | | | |
| (103.20) S 1st | B1 120*600 | 4 | 2.03 | 0.042 | | 0.341 | |
| (103.20) S 1st | B2 250*500 | 2 | 2.50 | 0.063 | | 0.312 | |
| (103.20) S 1st | B2 250*500 | 2 | 2.88 | 0.063 | | 0.360 | |
| (103.20) S 1st | B2 250*500 | 1 | 3.19 | 0.063 | | 0.199 | |
| (103.20) S 1st | B2 250*500 | 1 | 3.20 | 0.063 | | 0.200 | |
| (103.20) S 1st | B2 250*500 | 2 | 4.97 | 0.063 | | 0.621 | |
| (103.20) S 1st | B2 250*500 | 2 | 6.30 | 0.063 | | 0.788 | |
| (103.20) S 1st | B4 250*600 | 2 | 1.13 | 0.088 | | 0.198 | |
| (103.20) S 1st | B4 250*600 | 2 | 1.60 | 0.088 | | 0.280 | |
| (103.20) S 1st | B4 250*600 | 4 | 1.90 | 0.088 | | 0.665 | |
| (103.20) S 1st | B4 250*600 | 2 | 3.12 | 0.088 | | 0.546 | |
| (103.20) S 1st | B4 250*600 | 2 | 3.95 | 0.088 | | 0.691 | |
| (103.20) S 1st | B4 250*900 With Stairs | 2 | 3.12 | 0.245 | | 1.529 | |
| (103.20) S 1st | B5 250*600 | 1 | 3.65 | 0.088 | | 0.319 | |
| (103.20) S 1st | B5 250*600 | 1 | 6.25 | 0.088 | | 0.547 | |
| (103.20) S 1st | B9 250*500 | 2 | 5.95 | 0.063 | | 0.744 | |
| (103.20) S 1st | B9 250*500 | 2 | 6.30 | 0.063 | | 0.788 | |
| (103.20) S 1st | CB3 250*600 | 2 | 0.20 | 0.150 | | 0.060 | |
| (103.20) S 1st | CB3 250*600 | 1 | 0.50 | 0.150 | | 0.075 | |
| (106.30) S roof | | | | | | | |
| (106.30) S roof | B1 120*600 | 1 | 2.03 | 0.042 | | 0.085 | |
| (106.30) S roof | B1 120*600 | 2 | 2.03 | 0.046 | | 0.185 | |
| (106.30) S roof | B1 120*600 | 1 | 2.03 | 0.048 | | 0.098 | |
| (106.30) S roof | B4 250*600 | 2 | 1.60 | 0.095 | | 0.304 | |
| (106.30) S roof | B4 250*600 | 2 | 1.90 | 0.150 | | 0.570 | |
| (106.30) S roof | B4 250*600 | 2 | 3.95 | 0.095 | | 0.751 | |
| (106.30) S roof | B4 250*600 | 2 | 3.12 | 0.150 | | 0.936 | |
| (106.30) S roof | B4 250*900 With Stairs | 2 | 3.12 | 0.244 | | 1.523 | |
| (106.30) S roof | B6 250*700 | 1 | 3.65 | 0.113 | | 0.411 | |
| (106.30) S roof | B6 250*700 | 1 | 6.25 | 0.130 | | 0.813 | |
| (106.30) S roof | B10 250*650 | 1 | 1.13 | 0.163 | | 0.184 | |
| (106.30) S roof | B10 250*650 | 1 | 1.28 | 0.154 | | 0.197 | |
| (106.30) S roof | B10 250*650 | 2 | 1.78 | 0.163 | | 0.579 | |
| (106.30) S roof | B10 250*650 | 2 | 2.15 | 0.145 | | 0.624 | |
| (106.30) S roof | B10 250*650 | 2 | 2.50 | 0.163 | | 0.813 | |
| (106.30) S roof | B10 250*650 | 2 | 2.88 | 0.163 | | 0.936 | |
| (106.30) S roof | B10 250*650 | 2 | 3.20 | 0.163 | | 1.040 | |
| (106.30) S roof | B10 250*650 | 2 | 4.97 | 0.163 | | 1.615 | |
| (106.30) S roof | B10 250*650 | 4 | 6.30 | 0.163 | | 4.095 | |
| (106.30) S roof | B11 250*650 | 1 | 2.94 | 0.163 | | 0.477 | |
| (106.30) S roof | B11 250*650 | 1 | 2.95 | 0.163 | | 0.479 | |
| (106.30) S roof | B11 250*650 | 2 | 3.10 | 0.163 | | 1.008 | |
| (106.30) S roof | CB1 250*650 | 1 | 0.20 | 0.163 | | 0.033 | |
| (106.30) S roof | CB1 250*650 | 1 | 0.35 | 0.130 | | 0.046 | |
| (106.30) S roof | CB1 250*650 | 1 | 0.50 | 0.163 | | 0.081 | |
| (106.30) S roof | CB1 250*650 | 2 | 0.60 | 0.163 | | 0.195 | |
| (106.30) S roof | CB1 250*650 | 2 | 2.30 | 0.163 | | 0.748 | |
| (109.30) Upper Roof 01 | | | | | | | |
| (109.30) Upper Roof 01 | B1 120*600 | 1 | 2.02 | 0.046 | | 0.092 | |
| (109.30) Upper Roof 01 | B1 120*600 | 1 | 2.03 | 0.046 | | 0.093 | |
| (109.30) Upper Roof 01 | B3 250*600 | 1 | 1.28 | 0.150 | | 0.192 | |
| (109.30) Upper Roof 01 | B3 250*600 | 1 | 2.05 | 0.095 | | 0.194 | |
| (109.30) Upper Roof 01 | B3 250*600 | 1 | 1.43 | 0.150 | | 0.215 | |
| (109.30) Upper Roof 01 | B3 250*600 | 1 | 1.68 | 0.150 | | 0.252 | |
| (109.30) Upper Roof 01 | B3 250*600 | 2 | 1.70 | 0.150 | | 0.510 | |
| (109.30) Upper Roof 01 | B3 250*600 | 1 | 1.89 | 0.150 | | 0.283 | |
| (109.30) Upper Roof 01 | B3 250*600 | 1 | 1.90 | 0.150 | | 0.285 | |
| (109.30) Upper Roof 01 | B3 250*600 | 1 | 2.94 | 0.150 | | 0.441 | |
| (109.30) Upper Roof 01 | B3 250*600 | 1 | 3.10 | 0.150 | | 0.465 | |
| (109.30) Upper Roof 01 | B3 250*600 | 2 | 3.12 | 0.150 | | 0.936 | |
| (109.30) Upper Roof 01 | B3 250*600 | 1 | 3.15 | 0.150 | | 0.473 | |
| (109.30) Upper Roof 01 | B3 250*600 | 1 | 5.10 | 0.095 | | 0.484 | |
| (109.30) Upper Roof 01 | B3 250*600 | 1 | 3.80 | 0.150 | | 0.570 | |
| (109.30) Upper Roof 01 | B3 250*600 | 1 | 6.30 | 0.095 | | 0.599 | |
| (109.30) Upper Roof 01 | B3 250*600 | 2 | 4.05 | 0.150 | | 1.215 | |
| (109.30) Upper Roof 01 | B3 250*600 | 1 | 6.29 | 0.144 | | 0.906 | |
| (109.30) Upper Roof 01 | B3 250*600 | 1 | 6.29 | 0.150 | | 0.943 | |
| (109.30) Upper Roof 01 | B3 250*600 | 1 | 6.30 | 0.150 | | 0.945 | |
| (109.30) Upper Roof 01 | B7 250*600 | 1 | 3.80 | 0.150 | | 0.570 | |
| (109.30) Upper Roof 01 | B8 250*600 | 1 | 0.75 | 0.150 | | 0.113 | |
| (109.30) Upper Roof 01 | B8 250*600 | 1 | 1.21 | 0.150 | | 0.180 | |
| (109.30) Upper Roof 01 | CB2 250*600 | 1 | 0.15 | 0.150 | | 0.023 | |
| (109.30) Upper Roof 01 | CB2 250*600 | 1 | 1.80 | 0.150 | | 0.270 | |
| (112.30) UPPER ROOF 02 | | | | | | | |
| (112.30) UPPER ROOF 02 | B1 120*600 | 2 | 2.03 | 0.050 | | 0.205 | |
| (112.30) UPPER ROOF 02 | B2 250*500 | 2 | 3.67 | 0.080 | | 0.587 | |
| (112.30) UPPER ROOF 02 | B3 250*600 | 2 | 3.12 | 0.105 | | 0.655 | |
| (112.30) UPPER ROOF 02 | B3 250*600 | 1 | 3.35 | 0.105 | | 0.352 | |
| (112.30) UPPER ROOF 02 | B3 250*600 | 2 | 6.30 | 0.105 | | 1.323 | |
| (113.50) UPPER ROOF 03 | | | | | | | |
| (113.50) UPPER ROOF 03 | B2 250*500 | 1 | 4.51 | 0.079 | | 0.355 | |
| (113.50) UPPER ROOF 03 | B3 250*600 | 2 | 4.29 | 0.102 | | 0.878 | |
| (113.50) UPPER ROOF 03 | B3 250*600 With Angular Void | 2 | 6.30 | 0.096 | | 1.204 | |
| Grand total | | | | | | 44.891 | |

GENERAL NOTES

LEGEND



KEY PLAN

REVISION

| No. | Description | Issued by | Revision Date |
|-----|-------------|-----------|---------------|
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PROJECT

CLIENT

CONSULTANT

CONTRACTOR

DRAWING TITLE

Quantity Survey-Cast in Place Concrete - All Beams

Project Name

Duplex Villa Type A3

Date

27/May/2025

Drawn by

Eng/ Ahmed Yasser

Checked by

Eng/ Ahmed Yahia

DRAWING TITLE

Scale