

Perhitungan BBS Kolom C4P Sambungan 2-1
Bangunan MSCP

Kolom C4P AS PE.E / PE.10

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
							QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
			Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
6	Lantai - 6 - 8	16 D 22	16	5.460	0.33	5.790	16.00	12.00	572.928				8.00	0.420	10.026
5	Lantai - 5 - 6	16 D 22	16	7.020		7.020	16.00	8.00	381.952				16.00	0.980	46.789
4	Lantai - 3 - 5	16 D 22	16	4.584		4.584	16.00	12.00	572.928				16.00	7.416	354.070
3	Lantai - 1 - 3	16 D 22	16	8.000		8.000	16.00	8.00	381.952				16.00	-	-
2	Lantai - GF - 1	16 D 25	16	4.500		4.500	16.00	9.00	554.832				8.00	-	-
1	Lantai - LG - GF	16 D 25	16	5.625	0.375	6.000	16.00	12.00	739.776				-	-	-
TOTAL									3,204.368	TOTAL		-	WASTE		410.88 12.82%

Kolom C4P AS PE.E / PE.11

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
							QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
			Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
6	Lantai - 6 - 8	16 D 22	16	2.460	0.33	2.790	16.00	9.00	429.696				6.00	0.630	11.280
5	Lantai - 5 - 6	16 D 22	16	7.020		7.020	-	-	-	16.00	7.416	354.070			
4	Lantai - 3 - 5	16 D 22	16	3.981		3.981	16.00	12.00	572.928				6.00	0.057	1.021
3	Lantai - 1 - 3	16 D 22	16	9.879		9.879	16.00	12.00	572.928				16.00	2.121	101.265
2	Lantai - GF - 1	16 D 25	16	6.224		6.224	16.00	8.00	493.184				16.00	1.776	109.487
1	Lantai - LG - GF	16 D 25	16	5.625	0.375	6.000	16.00	12.00	739.776				-	-	-
TOTAL									2,808.512	TOTAL		354.070	WASTE		223.05 9.38%

Kolom C4P AS PE.E / PE.12

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
							QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
			Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
6	Lantai - 6 - 8	16 D 22	16	2.460	0.33	2.790	16.00	9.00	429.696				16.00	0.630	30.079
5	Lantai - 5 - 6	16 D 22	16	7.020		7.020	16.00	12.00	572.928				16.00	4.980	237.765
4	Lantai - 3 - 5	16 D 22	16	3.981		3.981	16.00	12.00	572.928				16.00	8.019	382.859
3	Lantai - 1 - 3	16 D 22	16	9.879		9.879	16.00	12.00	572.928				16.00	2.121	101.265
2	Lantai - GF - 1	16 D 25	16	6.224		6.224	16.00	12.00	739.776				16.00	5.776	356.079
1	Lantai - LG - GF	16 D 25	16	5.625	0.375	6.000	16.00	12.00	739.776				-	-	-
TOTAL									3,628.032	TOTAL		-	WASTE		1108.05 34.64%

Kolom C4P AS PE.E / PE.9

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
							QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
			Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
6	Lantai - 6 - 8	16 D 22	16	5.460	0.33	5.790	16.00	12.00	572.928				8.00	0.420	10.026
5	Lantai - 5 - 6	16 D 22	16	7.020		7.020	-	-	-	16.00	8.019	382.859	16.00	-	-
4	Lantai - 3 - 5	16 D 22	16	4.020		4.020	-	-	-	16.00	4.980	237.765	16.00	-	-
3	Lantai - 1 - 3	16 D 22	16	8.090		8.090	16.00	9.00	429.696				16.00	0.910	43.447
2	Lantai - GF - 1	16 D 25	16	4.973		4.973	-	-	-	16.00	5.776	356.079	16.00	-	-
1	Lantai - LG - GF	16 D 25	16	5.625	0.375	6.000	16.00	12.00	739.776				8.00	-	-
TOTAL									1,742.400	TOTAL		976.703	WASTE		53.47 4.57%

Kolom C4P AS PE.E / PE.7, 8

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
			Pcs	m	m	m	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg
6	Lantai - 6 - 8	16 D 22	16	5.460	0.33	5.790	16.00	12.00	572.928				8.00	0.420	10.026
5	Lantai - 5 - 6	16 D 22	16	7.020		7.020	16.00	12.00	572.928				16.00	4.980	237.765
4	Lantai - 3 - 5	16 D 22	16	4.020		4.020	-	-	-	16.00	4.980	237.765	-	-	-
3	Lantai - 1 - 3	16 D 22	16	8.090		8.090	16.00	9.00	429.696				16.00	0.910	43.447
2	Lantai - GF - 1	16 D 25	16	4.973		4.973	16.00	12.00	739.776				16.00	2.054	126.625
1	Lantai - LG - GF	16 D 25	16	5.625	0.375	6.000	16.00	12.00	739.776				8.00	-	-
TOTAL									3,055.104	TOTAL		237.765	WASTE		417.86 16.83%

Kolom C4P AS PE.E / PE.4, 5, 6

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
			Pcs	m	m	m	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg
6	Lantai - 6 - 8	16 D 22	16	5.460	0.33	5.790	16.00	12.00	572.928				8.00	0.420	10.026
5	Lantai - 5 - 6	16 D 22	16	7.020		7.020	16.00	12.00	572.928				8.00	4.980	118.883
4	Lantai - 3 - 5	16 D 22	16	4.020		4.020	-	-	-	8.00	4.980	118.883	-	-	-
3	Lantai - 1 - 3	16 D 22	16	8.090		8.090	16.00	9.00	429.696				16.00	0.910	43.447
2	Lantai - GF - 1	16 D 25	16	4.973		4.973	16.00	12.00	739.776				16.00	2.054	126.625
1	Lantai - LG - GF	16 D 25	16	5.625	0.375	6.000	16.00	12.00	739.776				8.00	-	-
TOTAL									3,055.104	TOTAL		118.883	WASTE		298.98 9.79%

Kolom C4P AS PE.D / PE.4,5,6,7

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
			Pcs	m	m	m	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg
6	Lantai - 6 - 8	16 D 22	16	5.460	0.33	5.790	16.00	12.00	572.928				8.00	0.420	10.026
5	Lantai - 5 - 6	16 D 22	16	6.920		6.920	16.00	12.00	572.928				16.00	5.080	242.540
4	Lantai - 3 - 5	16 D 22	16	4.122		4.122	-	-	-	16.00	5.080	242.540	16.00	-	-
3	Lantai - 1 - 3	16 D 22	16	8.500		8.500	16.00	9.00	429.696				16.00	0.500	23.872
2	Lantai - GF - 1	16 D 25	16	4.500		4.500	16.00	9.00	554.832				16.00	-	-
1	Lantai - LG - GF	16 D 25	16	5.625	0.375	6.000	16.00	12.00	739.776				8.00	-	-
TOTAL									2,870.160	TOTAL		242.540	WASTE		276.44 9.63%

Kolom C4P AS PE.D / PE.8

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
			Pcs	m	m	m	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg
6	Lantai - 6 - 8	16 D 22	16	5.460	0.33	5.790	16.00	12.00	572.928				8.00	0.420	10.026
5	Lantai - 5 - 6	16 D 22	16	6.920		6.920	16.00	12.00	572.928				16.00	5.080	242.540
4	Lantai - 3 - 5	16 D 22	16	4.122		4.122	-	-	-	16.00	5.080	242.540	16.00	0.958	45.739
3	Lantai - 1 - 3	16 D 22	16	8.500		8.500	16.00	9.00	429.696				16.00	0.500	23.872
2	Lantai - GF - 1	16 D 25	16	4.500		4.500	16.00	9.00	554.832				16.00	-	-
1	Lantai - LG - GF	16 D 25	16	5.625	0.375	6.000	16.00	12.00	739.776				8.00	-	-
TOTAL									2,870.160	TOTAL		242.540	WASTE		322.18 11.23%

Kolom C4P AS PE.D / PE.9

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
			Pcs	m	m	m	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg
6	Lantai - 6 - 8	16 D 22	16	5.460	0.33	5.790	16.00	12.00	572.928				8.00	0.420	10.026
5	Lantai - 5 - 6	16 D 22	16	6.920		6.920	16.00	12.00	572.928				16.00	5.080	242.540
4	Lantai - 3 - 5	16 D 22	16	4.122		4.122	-	-	-	16.00	5.080	242.540	16.00	0.958	45.739
3	Lantai - 1 - 3	16 D 22	16	8.500		8.500	16.00	9.00	429.696				16.00	0.500	23.872
2	Lantai - GF - 1	16 D 25	16	4.500		4.500	16.00	9.00	554.832				16.00	-	-
1	Lantai - LG - GF	16 D 25	16	5.625	0.375	6.000	16.00	12.00	739.776				8.00	-	-
							TOTAL		2,870.160	TOTAL		242.540	WASTE		322.18 11.23%

Kolom C4P AS PE.D / PE.10

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
			Pcs	m	m	m	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg
6	Lantai - 6 - 8	16 D 22	16	5.460	0.33	5.790	16.00	12.00	572.928				8.00	0.420	10.026
5	Lantai - 5 - 6	16 D 22	16	6.920		6.920	16.00	12.00	572.928				16.00	5.080	242.540
4	Lantai - 3 - 5	16 D 22	16	4.621		4.621	-	-	-	16.00	5.080	242.540	16.00	0.459	21.914
3	Lantai - 1 - 3	16 D 22	16	8.000		8.000	16.00	8.00	381.952				16.00	-	-
2	Lantai - GF - 1	16 D 25	16	4.500		4.500	16.00	9.00	554.832				16.00	-	-
1	Lantai - LG - GF	16 D 25	16	5.625	0.375	6.000	16.00	12.00	739.776				8.00	-	-
							TOTAL		2,822.416	TOTAL		242.540	WASTE		274.48 9.73%

Kolom C4P AS PE.D / PE.11

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
			Pcs	m	m	m	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg
6	Lantai - 6 - 8	16 D 22	16	5.460	0.33	5.790	16.00	12.00	572.928				8.00	0.420	10.026
5	Lantai - 5 - 6	16 D 22	16	6.920		6.920	16.00	12.00	572.928				16.00	5.080	242.540
4	Lantai - 3 - 5	16 D 22	16	4.122		4.122	-	-	-	16.00	5.080	242.540	16.00	0.958	45.739
3	Lantai - 1 - 3	16 D 22	16	8.500		8.500	16.00	9.00	429.696				16.00	0.500	23.872
2	Lantai - GF - 1	16 D 25	16	4.500		4.500	16.00	9.00	554.832				16.00	-	-
1	Lantai - LG - GF	16 D 25	16	5.625	0.375	6.000	16.00	12.00	739.776				8.00	-	-
							TOTAL		2,870.160	TOTAL		242.540	WASTE		322.18 11.23%

Kolom C4P AS PE.D / PE.12

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
			Pcs	m	m	m	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg
5	Lantai - 5 - 8	16 D 22	16	5.460	0.33	5.790	16.00	12.00	572.928				8.00	0.420	10.026
4	Lantai - 4 - 5	16 D 22	16	6.920		6.920	16.00	8.00	381.952				16.00	1.080	51.564
3	Lantai - 1 - 4	16 D 22	16	11.602		11.602	16.00	12.00	572.928				16.00	0.398	19.002
2	Lantai - GF - 1	16 D 25	16	4.500		4.500	16.00	9.00	554.832				16.00	-	-
1	Lantai - LG - GF	16 D 25	16	5.625	0.375	6.000	16.00	12.00	739.776				16.00	-	-
							TOTAL		2,822.416	TOTAL		-	WASTE		80.59 2.86%

Kolom C4P AS PE.E / PE.3

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
			Pcs	m	m	m	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg
6	Lantai - 6 - 8	16 D 22	16	5.460	0.33	5.790	16.00	12.00	572.928				8.00	0.420	10.026
5	Lantai - 5 - 6	16 D 22	16	7.020		7.020	16.00	8.00	381.952				16.00	0.980	46.789
4	Lantai - 3 - 5	16 D 22	16	4.584		4.584	16.00	12.00	572.928				16.00	7.416	354.070
3	Lantai - 1 - 3	16 D 22	16	8.000		8.000	16.00	8.00	381.952				16.00	-	-
2	Lantai - GF - 1	16 D 25	16	4.498		4.498	16.00	9.00	554.832				8.00	0.004	0.123
1	Lantai - LG - GF	16 D 25	16	5.625	0.375	6.000	16.00	12.00	739.776				-	-	-
							TOTAL		3,204.368	TOTAL		-	WASTE		411.01 15.62%

Kolom C4P AS PE.D / PE.3

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
			Pcs				QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg
6	Lantai - 6 - 8	16 D 22	16	5.460	0.33	5.790	16.00	12.00	572.928				8.00	0.420	10.026
4	Lantai - 3 - 5	16 D 22	16	4.584		4.584	16.00	12.00	572.928				16.00	7.416	354.070
3	Lantai - 1 - 3	16 D 22	16	8.500		8.500	16.00	9.00	429.696				16.00	0.500	23.872
2	Lantai - GF - 1	16 D 25	16	4.500		4.500	16.00	9.00	554.832				16.00	-	-
1	Lantai - LG - GF	16 D 25	16	5.625	0.375	6.000	16.00	12.00	739.776				-	-	-
TOTAL							2,870.160			TOTAL			WASTE		
													387.97		
													16.89%		

Kolom C4P AS PE.D / PE.2

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
			Pcs				QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg
5	Lantai - 7 - 8	16 D 22	16	8.360	0.33	8.690	16.00	9.00	429.696				6.00	0.310	5.550
4	Lantai - 5 - 7	16 D 22	16	4.122		4.122	16.00	9.00	429.696				16.00	0.756	36.094
3	Lantai - 3 - 5	16 D 22	16	8.500		8.500	16.00	9.00	429.696				16.00	0.500	23.872
2	Lantai - GF - 3	16 D 25	16	4.500		4.500	16.00	9.00	554.832				16.00	-	-
1	Lantai - LG - GF	16 D 25	16	5.625	0.375	6.000	16.00	12.00	739.776				16.00	-	-
TOTAL							2,583.696			TOTAL			WASTE		
													65.52		
													2.54%		

Kolom C4P AS PE.C / PE.12

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
			Pcs				QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg
5	Lantai - 7 - 8	16 D 22	16	8.341	0.33	8.671	16.00	9.00	429.696				6.00	0.329	5.890
4	Lantai - 5 - 7	16 D 22	16	4.039		4.039	16.00	9.00	429.696				16.00	0.922	44.020
3	Lantai - 3 - 5	16 D 22	16	11.602		11.602	16.00	12.00	572.928				16.00	0.398	19.002
2	Lantai - GF - 3	16 D 25	16	4.500		4.500	16.00	9.00	554.832				8.00	-	-
1	Lantai - LG - GF	16 D 25	16	5.625	0.375	6.000	16.00	12.00	739.776				16.00	-	-
TOTAL							2,726.928			TOTAL			WASTE		
													68.91		
													2.53%		

Kolom C4P AS PE.C / PE.11

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
			Pcs				QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg
5	Lantai - 7 - 8	16 D 22	16	8.341	0.33	8.671	16.00	9.00	429.696				6.00	0.329	5.890
4	Lantai - 5 - 7	16 D 22	16	4.039		4.039	16.00	9.00	429.696				16.00	0.922	44.020
3	Lantai - 3 - 5	16 D 22	16	11.602		11.602	16.00	12.00	572.928				16.00	0.398	19.002
2	Lantai - GF - 3	16 D 25	16	4.500		4.500	16.00	9.00	554.832				8.00	-	-
1	Lantai - LG - GF	16 D 25	16	5.625	0.375	6.000	16.00	12.00	739.776				16.00	-	-
TOTAL							2,726.928			TOTAL			WASTE		
													68.91		
													2.53%		

Kolom C4P AS PE.C / PE.9

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
			Pcs				QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg
5	Lantai - 7 - 8	16 D 22	16	7.277	0.33	7.607	6.00	8.00	143.232				6.00	0.393	7.036
4	Lantai - 5 - 7	16 D 22	16	4.245		4.245	16.00	9.00	429.696				16.00	0.510	24.349
3	Lantai - 3 - 5	16 D 22	16	8.501		8.501	16.00	9.00	429.696				16.00	0.499	23.824
2	Lantai - GF - 3	16 D 25	16	4.500		4.500	16.00	9.00	554.832				-	-	-
1	Lantai - LG - GF	16 D 25	16	5.625	0.375	6.000	16.00	12.00	739.776				16.00	-	-
TOTAL							2,297.232			TOTAL			WASTE		
													55.21		
													2.40%		

Kolom C4P AS PE.C / PE.8

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
			Pcs	m	m	m	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg
5	Lantai - 7 - 8	16 D 22	16	7.277	0.33	7.607	6.00	8.00	143.232				6.00	0.393	7.036
4	Lantai - 5 - 7	16 D 22	16	4.245		4.245	16.00	9.00	429.696				16.00	0.510	24.349
3	Lantai - 3 - 5	16 D 22	16	8.501		8.501	16.00	9.00	429.696				16.00	0.499	23.824
2	Lantai - GF - 3	16 D 25	16	4.500		4.500	16.00	9.00	554.832				-	-	-
1	Lantai - LG - GF	16 D 25	16	5.625	0.375	6.000	16.00	12.00	739.776				16.00	-	-
TOTAL							2,297.232			TOTAL			WASTE		
													55.21		
													2.40%		

Kolom C4P AS PE.C / PE.4, 5, 6, 7

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
			Pcs	m	m	m	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg
5	Lantai - 7 - 8	16 D 22	16	5.510	0.33	5.840	8.00	12.00	286.464				8.00	0.320	7.639
4	Lantai - 5 - 7	16 D 22	16	6.920		6.920	16.00	8.00	381.952				16.00	1.080	51.564
3	Lantai - 3 - 5	16 D 22	16	7.270		7.270	16.00	8.00	381.952				16.00	0.730	34.853
2	Lantai - GF - 3	16 D 25	16	8.719		8.719	16.00	9.00	554.832				16.00	0.281	17.323
1	Lantai - LG - GF	16 D 25	16	5.647	0.375	6.022	16.00	8.00	493.184				16.00	1.978	121.940
TOTAL							2,098.384			TOTAL			WASTE		
													233.32		
													11.12%		

Kolom C4P AS PE.B / PE.1

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
			Pcs	m	m	m	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg
5	Lantai - 7 - 8	16 D 22	16	5.360	0.33	5.690	16.00	12.00	572.928				8.00	0.620	14.801
4	Lantai - 5 - 7	16 D 22	16	4.460		4.460	16.00	9.00	429.696				8.00	0.080	1.910
3	Lantai - 3 - 5	16 D 22	16	6.841		6.841	16.00	8.00	381.952				16.00	1.159	55.335
2	Lantai - GF - 3	16 D 25	16	4.185		4.185	16.00	9.00	554.832				8.00	0.630	19.419
1	Lantai - LG - GF	16 D 25	16	10.050	0.330	10.380	16.00	12.00	739.776				16.00	1.620	99.870
TOTAL							2,679.184			TOTAL			WASTE		
													191.33		
													7.14%		

Kolom C4P AS PE.B / PE.2, 3

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
			Pcs	m	m	m	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg
5	Lantai - 7 - 8	16 D 22	16	5.360	0.33	5.690	16.00	12.00	572.928				8.00	0.620	14.801
4	Lantai - 5 - 7	16 D 22	16	4.460		4.460	16.00	9.00	429.696				8.00	0.080	1.910
3	Lantai - 3 - 5	16 D 22	16	6.841		6.841	16.00	8.00	381.952				16.00	1.159	55.335
2	Lantai - GF - 3	16 D 25	16	4.185		4.185	16.00	9.00	554.832				8.00	0.630	19.419
1	Lantai - LG - GF	16 D 25	16	10.050	0.330	10.380	16.00	12.00	739.776				16.00	1.620	99.870
TOTAL							2,679.184			TOTAL			WASTE		
													191.33		
													7.14%		

Kolom C4P AS PE.B / PE.4, 5, 6, 7, 9

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
			Pcs	m	m	m	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg
4	Lantai - 5 - 7	16 D 22	16	5.800		5.800	16.00	12.00	572.928				8.00	0.400	9.549
3	Lantai - 3 - 5	16 D 22	16	6.841		6.841	16.00	8.00	381.952				16.00	1.159	55.335
2	Lantai - GF - 3	16 D 25	16	4.185		4.185	16.00	9.00	554.832				8.00	0.630	19.419
1	Lantai - LG - GF	16 D 25	16	10.050	0.330	10.380	16.00	12.00	739.776				16.00	1.620	99.870
TOTAL							2,249.488			TOTAL			WASTE		
													184.17		
													8.19%		

Kolom C4P AS PE.B / PE.8

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
			Pcs				QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg
4	Lantai - 5 - 7	16 D 22	16	5.800		5.800	16.00	12.00	572.928				8.00	0.400	9.549
3	Lantai - 3 - 5	16 D 22	16	6.841		6.841	16.00	8.00	381.952				16.00	1.159	55.335
2	Lantai - GF - 3	16 D 25	16	4.185		4.185	16.00	9.00	554.832				8.00	0.630	19.419
1	Lantai - LG - GF	16 D 25	16	10.050	0.330	10.380	16.00	12.00	739.776				16.00	1.620	99.870
							TOTAL		2,249.488	TOTAL		-	WASTE		184.17 8.19%

Kolom C4P AS PE.B / PE.10

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
			Pcs				QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg
4	Lantai - 5 - 7	16 D 22	16	5.800		5.800	16.00	12.00	572.928				8.00	0.400	9.549
3	Lantai - 3 - 5	16 D 22	16	6.841		6.841	16.00	8.00	381.952				16.00	1.159	55.335
2	Lantai - GF - 3	16 D 25	16	4.735		4.735	16.00	8.00	493.184				8.00	3.265	100.640
1	Lantai - LG - GF	16 D 25	16	9.500	0.330	9.830	16.00	12.00	739.776				16.00	2.170	133.776
							TOTAL		2,187.840	TOTAL		-	WASTE		299.30 13.68%

Kolom C4P AS PE.B / PE.11

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
			Pcs				QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg
4	Lantai - 5 - 7	16 D 22	16	5.800		5.800	16.00	12.00	572.928				8.00	0.400	9.549
3	Lantai - 3 - 5	16 D 22	16	6.841		6.841	16.00	8.00	381.952				16.00	1.159	55.335
2	Lantai - GF - 3	16 D 25	16	4.735		4.735	16.00	8.00	493.184				8.00	3.265	100.640
1	Lantai - LG - GF	16 D 25	16	9.500	0.330	9.830	16.00	12.00	739.776				16.00	2.170	133.776
							TOTAL		2,187.840	TOTAL		-	WASTE		299.30 13.68%

Kolom C4P AS PE.B / PE.12

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
			Pcs				QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg
4	Lantai - 5 - 7	16 D 22	16	6.000		6.000	16.00	12.00	572.928				8.00	-	-
3	Lantai - 3 - 5	16 D 22	16	6.841		6.841	16.00	8.00	381.952				16.00	1.159	55.335
2	Lantai - GF - 3	16 D 25	16	4.735		4.735	16.00	8.00	493.184				8.00	3.265	100.640
1	Lantai - LG - GF	16 D 25	16	9.500	0.330	9.830	16.00	12.00	739.776				16.00	2.170	133.776
							TOTAL		2,187.840	TOTAL		-	WASTE		289.75 13.24%

Kolom C4P AS PE.B / PE.12.5

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
			Pcs				QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg
4	Lantai - 5 - 7	16 D 22	16	5.360	0.33	5.690	16.00	12.00	572.928				8.00	0.620	14.801
3	Lantai - 3 - 5	16 D 22	16	7.015		7.015	16.00	8.00	381.952				16.00	0.985	47.028
2	Lantai - GF - 3	16 D 25	16	4.162		4.162	16.00	9.00	554.832				8.00	0.676	20.837
1	Lantai - LG - GF	16 D 25	16	10.333	0.330	10.663	16.00	12.00	739.776				16.00	1.337	82.423
							TOTAL		2,249.488	TOTAL		-	WASTE		165.09 7.34%

Kolom C4P AS PE.B, C, D, E/ PE.12.5

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
			Pcs				QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg
4	Lantai - 5 - 7	16 D 22	16	5.505	0.33	5.835	16.00	12.00	572.928				8.00	0.330	7.878
3	Lantai - 3 - 5	16 D 22	16	7.211		7.211	16.00	8.00	381.952				16.00	0.789	37.670
2	Lantai - GF - 3	16 D 25	16	4.911		4.911	16.00	12.00	739.776				8.00	2.178	67.135
1	Lantai - LG - GF	16 D 25	16	9.500	0.330	9.830	16.00	12.00	739.776				16.00	2.170	133.776
							TOTAL		2,434.432	TOTAL		-	WASTE		246.46 10.12%

Kolom C4P AS PE.B, C, / PE.1, 2, 3

NO	LANTAI	TULANGAN UTAMA		QTY	PANJANG	TEKUK	TOTAL	BESI BARU			BESI POTONGAN			SISA BESI			
				Pcs	m	m	PANJANG	m	m	kg	Pcs	m	kg	Pcs	m	kg	
4	Lantai - 5 - 7	16	D 22	16	8.551	0.33	8.881	16.00	9.00	429.696				8.00	0.119	2.841	
4	Lantai - 5 - 7	16	D 22	16	3.983		3.983	16.00	12.00	572.928				8.00	0.051	1.217	
3	Lantai - 3 - 5	16	D 22	16	7.381		7.381	16.00	8.00	381.952				16.00	0.619	29.554	
2	Lantai - GF - 3	16	D 25	16	6.086		6.086	16.00	8.00	493.184				8.00	1.914	58.997	
1	Lantai - LG - GF	16	D 25	16	10.050	0.330	10.380	16.00	12.00	739.776				16.00	1.620	99.870	
								TOTAL		2,617.536	TOTAL		-	WASTE		192.48	
																8.67%	

Kolom C5P AS PE.F / PE.7, 8, 9, 10, 11

NO	LANTAI	TULANGAN UTAMA			QTY	PANJANG	TEKUK	TOTAL	BESI BARU			BESI POTONGAN			SISA BESI				
					Pcs	m	m	PANJANG	m	QTY	Pcs	PANJANG	BERAT	kg	QTY	Pcs	PANJANG	BERAT	kg
2	Lantai - GF - 1	16	D	25	16	2.545	0.375	2.920	16.00	12.00	739.776					4.00	0.320	4.932	
1	Lantai - LG - GF	16	D	25	16	5.467	0.375	5.842	16.00	12.00	739.776					8.00	0.316	9.740	
									TOTAL		1,504.536	TOTAL		-	WASTE		14.67		
																	0.99%		

Kolom C5P AS PE.G / PE.10

NO	LANTAI	TULANGAN UTAMA			QTY	PANJANG	TEKUK	TOTAL	BESI BARU			BESI POTONGAN			SISA BESI			
					Pcs	m	m	PANJANG	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	
					Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg	
2	Lantai - GF - 1	16	D	25	16	2.420	0.375	2.795	16.00	12.00	739.776				4.00	0.820	12.638	
1	Lantai - LG - GF	16	D	25	16	5.542	0.375	5.917	16.00	12.00	739.776				8.00	0.166	5.117	
									TOTAL		1,479.562	TOTAL		-	WASTE		17.75	
																		1.20%

Kolom C5P AS PE.G / PE.11

NO	LANTAI	TULANGAN UTAMA			QTY	PANJANG	TEKUK	TOTAL	BESI BARU			BESI POTONGAN			SISA BESI			
					Pcs	m	m	PANJANG	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	
					Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg	
2	Lantai - GF - 1	16	D	25	16	4.430	0.375	4.805	16.00	12.00	739.776				8.00	2.390	73.669	
2	Lantai - GF - 1	16	D	25	16	6.000		6.000	16.00	12.00	739.776				4.00	-	-	
1	Lantai - LG - GF	16	D	25	16	6.625	0.375	7.000	16.00	8.00	493.184				16.00	1.000	61.648	
									TOTAL		1,972.748	TOTAL		-	WASTE		135.32	
																		5.98%

Kolom C5P AS PE.G / PE.12,5

NO	LANTAI	TULANGAN UTAMA		QTY	PANJANG	TEKUK	TOTAL	BESI BARU			BESI POTONGAN			SISA BESI			
				Pcs	m	m	PANJANG	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	
				Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg	
1	Lantai - 1 - 3	16	D 25	16	7.495	0.330	7.825	16.00	8.00	493.184				16.00	0.175	10.788	
								TOTAL		1,726.204	TOTAL		-	WASTE		84.46	
																2.19%	

Perhitungan BBS Kolom C4P Sambungan 2-2

Bangunan MSCP

Kolom C4P AS PE.E / PE.10

NO	LANTAI	TULANGAN UTAMA			QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI			
									QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	
					Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg	
5	Lantai - 6 - 8	16	D	22	16	5.820	0.33	6.150	16.00	8.00	381.952				16.00	1.850	88.326	
4	Lantai - 4 - 6	16	D	22	16	7.160		7.160	16.00	8.00	381.952				16.00	0.840	40.105	
3	Lantai - 2 - 4	16	D	22	16	7.935		7.935	16.00	8.00	381.952				16.00	0.065	3.103	
2	Lantai - GF - 2	16	D	25	16	8.236		8.236	16.00	9.00	554.832				16.00	0.764	47.099	
1	Lantai - LG - GF	16	D	25	16	5.625	0.375	6.000	8.00	12.00	369.888				-	-	-	
								TOTAL			2,070.576	TOTAL			-	WASTE		178.63
																		8.63%

Kolom C4P AS PE.E / PE.11

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
							QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
			Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 7 - 8	16 D 22	16	2.460	0.33	2.790	16.00	9.00	429.696				1.00	0.630	1.880
4	Lantai - 5 - 7	16 D 22	16	7.020		7.020	16.00	8.00	381.952				16.00	0.980	46.789
3	Lantai - 3 - 5	16 D 22	16	7.615		7.615	16.00	8.00	381.952				16.00	0.385	18.381
2	Lantai - GF - 3	16 D 25	16	11.416		11.416	16.00	12.00	739.776				16.00	0.584	36.002
1	Lantai - LG - GF	16 D 25	16	5.625	0.375	6.000	8.00	12.00	369.888				-	-	-
							TOTAL			TOTAL			WASTE		
													103.05		
													4.47%		

Kolom C4P AS PE.E / PE.12

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
							QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
			Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 7 - 8	16 D 22	16	2.470	0.33	2.800	16.00	9.00	429.696				1.00	0.600	1.790
4	Lantai - 5 - 7	16 D 22	16	6.973		6.973	16.00	8.00	381.952				16.00	1.027	49.033
3	Lantai - 3 - 5	16 D 22	16	7.545		7.545	16.00	8.00	381.952				16.00	0.455	21.724
2	Lantai - GF - 3	16 D 25	16	11.394		11.394	16.00	12.00	739.776				16.00	0.606	37.359
1	Lantai - LG - GF	16 D 25	16	5.625	0.375	6.000	8.00	12.00	369.888				-	-	-
							TOTAL			TOTAL			WASTE		
													109.91		
													4.77%		

Kolom C4P AS PE.E / PE.9

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
							QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
			Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 6 - 8	16 D 22	16	5.530	0.33	5.860	16.00	12.00	572.928				8.00	0.280	6.684
4	Lantai - 4 - 6	16 D 22	16	7.160		7.160	16.00	8.00	381.952				16.00	0.840	40.105
3	Lantai - 2 - 4	16 D 22	16	7.385		7.385	16.00	8.00	381.952				16.00	0.615	29.363
2	Lantai - GF - 2	16 D 25	16	8.664		8.664	16.00	9.00	554.832				16.00	0.336	20.714
1	Lantai - LG - GF	16 D 25	16	5.722	0.375	6.097	8.00	8.00	246.592				-	1.903	-
							TOTAL			TOTAL			WASTE		
													96.87		
													4.53%		

Kolom C4P AS PE.E / PE.7, 8

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
							QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
			Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 6 - 8	16 D 22	16	5.530	0.33	5.860	16.00	12.00	572.928				8.00	0.280	6.684
4	Lantai - 4 - 6	16 D 22	16	7.160		7.160	16.00	8.00	381.952				16.00	0.840	40.105
3	Lantai - 2 - 4	16 D 22	16	7.410		7.410	16.00	8.00	381.952				16.00	0.590	28.169
2	Lantai - GF - 2	16 D 25	16	8.664		8.664	16.00	9.00	554.832				16.00	0.336	20.714
1	Lantai - LG - GF	16 D 25	16	5.722	0.375	6.097	8.00	8.00	246.592				-	1.903	-
							TOTAL			TOTAL			WASTE		
													95.67		
													4.47%		

Kolom C4P AS PE.E / PE.4, 5, 6

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
							QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
			Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 6 - 8	16 D 22	16	5.530	0.33	5.860	16.00	12.00	572.928				8.00	0.280	6.684
4	Lantai - 4 - 6	16 D 22	16	7.160		7.160	16.00	8.00	381.952				16.00	0.840	40.105
3	Lantai - 2 - 4	16 D 22	16	7.410		7.410	16.00	8.00	381.952				16.00	0.590	28.169
2	Lantai - GF - 2	16 D 25	16	8.814		8.814	16.00	9.00	554.832				16.00	0.186	11.467
1	Lantai - LG - GF	16 D 25	16	5.572	0.375	5.947	8.00	12.00	369.888				-	0.106	-
							TOTAL			TOTAL			WASTE		
													86.42		
													3.82%		

Kolom C4P AS PE.D / PE.4,5,6,7

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
							QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
			Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 6 - 8	16 D 22	16	5.460	0.33	5.790	16.00	6.00	286.464				16.00	0.210	10.026
4	Lantai - 4 - 6	16 D 22	16	6.920		6.920	16.00	8.00	381.952				16.00	1.080	51.564
3	Lantai - 2 - 4	16 D 22	16	7.270		7.270	16.00	8.00	381.952				16.00	0.730	34.853
2	Lantai - GF - 2	16 D 25	16	8.719		8.719	16.00	9.00	554.832				16.00	0.281	17.323
1	Lantai - LG - GF	16 D 25	16	5.697	0.375	6.072	16.00	8.00	493.184				16.00	1.928	118.857
							TOTAL		2,098.384	TOTAL		-	WASTE		232.62
															11.09%

Kolom C4P AS PE.D / PE.8

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
							QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
			Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 6 - 8	16 D 22	16	5.460	0.33	5.790	16.00	6.00	286.464				16.00	0.210	10.026
4	Lantai - 4 - 6	16 D 22	16	6.920		6.920	16.00	8.00	381.952				16.00	1.080	51.564
3	Lantai - 2 - 4	16 D 22	16	7.220		7.220	16.00	8.00	381.952				16.00	0.780	37.240
2	Lantai - GF - 2	16 D 25	16	8.769		8.769	16.00	9.00	554.832				16.00	0.231	14.241
1	Lantai - LG - GF	16 D 25	16	5.697	0.375	6.072	16.00	8.00	493.184				16.00	1.928	118.857
							TOTAL		2,098.384	TOTAL		-	WASTE		231.93
															11.05%

Kolom C4P AS PE.D / PE.9

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
							QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
			Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 6 - 8	16 D 22	16	5.460	0.33	5.790	16.00	6.00	286.464				16.00	0.210	10.026
4	Lantai - 4 - 6	16 D 22	16	6.920		6.920	16.00	8.00	381.952				16.00	1.080	51.564
3	Lantai - 2 - 4	16 D 22	16	7.220		7.220	16.00	8.00	381.952				16.00	0.780	37.240
2	Lantai - GF - 2	16 D 25	16	8.769		8.769	16.00	9.00	554.832				16.00	0.231	14.241
1	Lantai - LG - GF	16 D 25	16	5.697	0.375	6.072	16.00	8.00	493.184				16.00	1.928	118.857
							TOTAL		2,098.384	TOTAL		-	WASTE		231.93
															11.05%

Kolom C4P AS PE.D / PE.10

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
							QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
			Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 6 - 8	16 D 22	16	5.360	0.33	5.690	16.00	6.00	286.464				16.00	0.310	14.801
4	Lantai - 4 - 6	16 D 22	16	7.020		7.020	16.00	8.00	381.952				16.00	0.980	46.789
3	Lantai - 2 - 4	16 D 22	16	7.770		7.770	16.00	8.00	381.952				16.00	0.230	10.981
2	Lantai - GF - 2	16 D 25	16	8.219		8.219	16.00	9.00	554.832				16.00	0.781	48.147
1	Lantai - LG - GF	16 D 25	16	5.697	0.375	6.072	16.00	8.00	493.184				16.00	1.928	118.857
							TOTAL		2,098.384	TOTAL		-	WASTE		239.58
															11.42%

Kolom C4P AS PE.D / PE.11

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
							QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
			Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 7 - 8	16 D 22	16	2.360	0.33	2.690	16.00	9.00	429.696				6.00	0.930	16.651
4	Lantai - 5 - 7	16 D 22	16	7.101		7.101	16.00	8.00	381.952				16.00	0.899	42.922
3	Lantai - 3 - 5	16 D 22	16	7.964		7.964	16.00	8.00	381.952				16.00	0.036	1.719
2	Lantai - GF - 3	16 D 25	16	10.894		10.894	16.00	12.00	739.776				16.00	1.106	68.183
1	Lantai - LG - GF	16 D 25	16	5.747	0.375	6.122	16.00	8.00	493.184				16.00	1.878	115.775
							TOTAL		2,426.560	TOTAL		-	WASTE		245.25
															10.11%

Kolom C4P AS PE.D / PE.12

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
							QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
			Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 6 - 8	16 D 22	16	2.410	0.33	2.740	16.00	9.00	429.696				16.00	0.780	37.240
4	Lantai - 4 - 6	16 D 22	16	7.051		7.051	16.00	8.00	381.952				16.00	0.949	45.309
3	Lantai - 2 - 4	16 D 22	16	7.514		7.514	16.00	8.00	381.952				16.00	0.486	23.204
2	Lantai - GF - 2	16 D 25	16	11.419		11.419	16.00	12.00	739.776				16.00	0.581	35.817
1	Lantai - LG - GF	16 D 25	16	5.672	0.375	6.047	16.00	8.00	493.184				16.00	1.953	120.399
							TOTAL		2,426.560	TOTAL		-	WASTE		261.97
															10.80%

Kolom C4P AS PE.E / PE.3

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
							QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
			Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 6 - 8	16 D 22	16	5.410	0.33	5.740	16.00	12.00	572.928				8.00	0.520	12.413
4	Lantai - 4 - 6	16 D 22	16	7.020		7.020	16.00	8.00	381.952				16.00	0.980	46.789
3	Lantai - 2 - 4	16 D 22	16	7.270		7.270	16.00	8.00	381.952				16.00	0.730	34.853
2	Lantai - GF - 2	16 D 25	16	8.724		8.724	16.00	9.00	554.832				16.00	0.276	17.015
1	Lantai - LG - GF	16 D 25	16	5.672	0.375	6.047	16.00	8.00	493.184				16.00	1.953	120.399
							TOTAL		2,384.848	TOTAL		-	WASTE		231.47
															9.71%

Kolom C4P AS PE.D / PE.2

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
							QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
			Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 6 - 7	16 D 22	16	2.360	0.33	2.690	6.00	9.00	161.136				6.00	0.930	16.651
4	Lantai - 4 - 6	16 D 22	16	7.020		7.020	16.00	8.00	381.952				16.00	0.980	46.789
3	Lantai - 2 - 4	16 D 22	16	7.270		7.270	16.00	8.00	381.952				16.00	0.730	34.853
2	Lantai - GF - 2	16 D 25	16	9.869		9.869	16.00	12.00	739.776				16.00	2.131	131.372
1	Lantai - LG - GF	16 D 25	16	4.497	0.375	4.872	8.00	12.00	369.888				16.00	2.256	139.078
							TOTAL		2,034.704	TOTAL		-	WASTE		368.74
															18.12%

Kolom C4P AS PE.C / PE.12

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
							QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
			Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 7 - 8	16 D 22	16	2.460	0.33	2.790	6.00	9.00	161.136				6.00	0.630	11.280
4	Lantai - 5 - 7	16 D 22	16	6.951		6.951	16.00	8.00	381.952				16.00	1.049	50.083
3	Lantai - 3 - 5	16 D 22	16	8.000		8.000	16.00	8.00	381.952				-	-	-
2	Lantai - GF - 3	16 D 25	16	10.983		10.983	16.00	12.00	739.776				16.00	1.017	62.696
1	Lantai - LG - GF	16 D 25	16	5.672	0.375	6.047	16.00	8.00	493.184				16.00	1.953	120.399
							TOTAL		2,158.000	TOTAL		-	WASTE		244.46
															11.33%

Kolom C4P AS PE.C / PE.11

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
							QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
			Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 7 - 8	16 D 22	16	2.410	0.33	2.740	6.00	9.00	161.136				6.00	0.780	13.965
4	Lantai - 5 - 7	16 D 22	16	7.001		7.001	16.00	8.00	381.952				16.00	0.999	47.696
3	Lantai - 3 - 5	16 D 22	16	7.564		7.564	16.00	8.00	381.952				16.00	0.436	20.816
2	Lantai - GF - 3	16 D 25	16	11.394		11.394	16.00	12.00	739.776				16.00	0.606	37.359
1	Lantai - LG - GF	16 D 25	16	5.697	0.375	6.072	16.00	8.00	493.184				16.00	1.928	118.857
							TOTAL		2,158.000	TOTAL		-	WASTE		238.69
															11.06%

Kolom C4P AS PE.C / PE.10

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
							QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
			Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 7 - 8	16 D 22	16	2.410	0.33	2.740	6.00	9.00	161.136				6.00	0.780	13.965
4	Lantai - 5 - 7	16 D 22	16	6.995		6.995	16.00	8.00	381.952				16.00	1.005	47.983
3	Lantai - 3 - 5	16 D 22	16	7.601		7.601	16.00	8.00	381.952				16.00	0.399	19.050
2	Lantai - GF - 3	16 D 25	16	11.869		11.869	16.00	12.00	739.776				16.00	0.131	8.076
1	Lantai - LG - GF	16 D 25	16	5.222	0.375	5.597	8.00	12.00	369.888				8.00	0.806	24.844
							TOTAL		2,034.704	TOTAL		-	WASTE		113.92
															5.60%

Kolom C4P AS PE.C / PE.9

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
							QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
			Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 7 - 8	16 D 22	16	2.410	0.33	2.740	6.00	9.00	161.136				6.00	0.780	13.965
4	Lantai - 5 - 7	16 D 22	16	7.020		7.020	16.00	8.00	381.952				16.00	0.980	46.789
3	Lantai - 3 - 5	16 D 22	16	7.121		7.121	16.00	8.00	381.952				16.00	0.879	41.967
2	Lantai - GF - 3	16 D 25	16	11.840		11.840	16.00	12.00	739.776				16.00	0.160	9.864
1	Lantai - LG - GF	16 D 25	16	5.675	0.375	6.050	16.00	8.00	493.184				16.00	1.950	120.214
							TOTAL		2,158.000	TOTAL		-	WASTE		232.80
															10.79%

Kolom C4P AS PE.C / PE.8

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
							QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
			Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 7 - 8	16 D 22	16	5.510	0.33	5.840	8.00	12.00	286.464				8.00	0.320	7.639
4	Lantai - 5 - 7	16 D 22	16	6.920		6.920	16.00	8.00	381.952				16.00	1.080	51.564
3	Lantai - 3 - 5	16 D 22	16	6.961		6.961	16.00	8.00	381.952				16.00	1.039	49.606
2	Lantai - GF - 3	16 D 25	16	9.000		9.000	16.00	9.00	554.832				-	-	-
1	Lantai - LG - GF	16 D 25	16	5.675	0.375	6.050	16.00	8.00	493.184				16.00	1.950	120.214
							TOTAL		2,098.384	TOTAL		-	WASTE		229.02
															10.91%

Kolom C4P AS PE.C / PE.4, 5, 6, 7

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
							QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
			Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 7 - 8	16 D 22	16	5.510	0.33	5.840	8.00	12.00	286.464				8.00	0.320	7.639
4	Lantai - 5 - 7	16 D 22	16	6.920		6.920	16.00	8.00	381.952				16.00	1.080	51.564
3	Lantai - 3 - 5	16 D 22	16	7.270		7.270	16.00	8.00	381.952				16.00	0.730	34.853
2	Lantai - GF - 3	16 D 25	16	8.719		8.719	16.00	9.00	554.832				16.00	0.281	17.323
1	Lantai - LG - GF	16 D 25	16	5.647	0.375	6.022	16.00	8.00	493.184				16.00	1.978	121.940
							TOTAL		2,098.384	TOTAL		-	WASTE		233.32
															11.12%

Kolom C4P AS PE.B / PE.1

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
							QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
			Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
4	Lantai - 8 - 9	16 D 22	16	2.410	0.33	2.740	16.00	9.00	429.696				6.00	0.780	13.965
4	Lantai - 6 - 8	16 D 22	16	6.920		6.920	16.00	8.00	381.952				16.00	1.080	51.564
3	Lantai - 4 - 6	16 D 22	16	6.955		6.955	16.00	8.00	381.952				16.00	1.045	49.892
2	Lantai - 2 - 4	16 D 25	16	7.405		7.405	16.00	8.00	493.184				16.00	0.595	36.681
1	Lantai - 1 - 2	16 D 25	16	7.272	0.375	7.647	16.00	8.00	493.184				16.00	0.353	21.762
							TOTAL		2,179.968	TOTAL		-	WASTE		173.86
															7.98%

Kolom C4P AS PE.B / PE.2, 3

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
							QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
			Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
4	Lantai - 8 - 9	16 D 22	16	2.410	0.33	2.740	16.00	9.00	429.696				6.00	0.780	13.965
4	Lantai - 6 - 8	16 D 22	16	6.875		6.875	16.00	8.00	381.952				16.00	1.125	53.712
3	Lantai - 4 - 6	16 D 22	16	7.065		7.065	16.00	8.00	381.952				16.00	0.935	44.641
2	Lantai - 2 - 4	16 D 25	16	7.340		7.340	16.00	8.00	493.184				16.00	0.660	40.688
1	Lantai - 1 - 2	16 D 25	16	7.272	0.375	7.647	16.00	8.00	493.184				16.00	0.353	21.762
							TOTAL		2,179.968	TOTAL		-	WASTE		174.77
															8.02%

Kolom C4P AS PE.B / PE.8

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
							QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
			Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
4	Lantai - 6 - 8	16 D 22	16	5.265	0.33	5.595	8.00	12.00	286.464				8.00	0.810	19.336
3	Lantai - 4 - 6	16 D 22	16	7.115		7.115	16.00	8.00	381.952				16.00	0.885	42.253
2	Lantai - 2 - 4	16 D 25	16	7.340		7.340	16.00	8.00	493.184				16.00	0.660	40.688
1	Lantai - 1 - 2	16 D 25	16	7.222	0.375	7.597	16.00	8.00	493.184				16.00	0.403	24.844
							TOTAL		1,654.784	TOTAL		-	WASTE		127.12
															7.68%

Kolom C4P AS PE.B / PE.10

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
							QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
			Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
4	Lantai - 6 - 8	16 D 22	16	2.360	0.33	2.690	8.00	9.00	214.848				6.00	0.930	16.651
3	Lantai - 4 - 6	16 D 22	16	7.020		7.020	16.00	8.00	381.952				16.00	0.980	46.789
2	Lantai - 3 - 4	16 D 25	16	7.615		7.615	16.00	8.00	493.184				16.00	0.385	23.734
1	Lantai - 1 - 3	16 D 25	16	9.647	0.375	10.022	16.00	12.00	739.776				16.00	1.978	121.940
							TOTAL		1,829.760	TOTAL		-	WASTE		209.11
															11.43%

Kolom C4P AS PE.B / PE.11

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
							QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
			Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
4	Lantai - 6 - 8	16 D 22	16	2.360	0.33	2.690	8.00	9.00	214.848				6.00	0.930	16.651
3	Lantai - 4 - 6	16 D 22	16	7.020		7.020	16.00	8.00	381.952				16.00	0.980	46.789
2	Lantai - 3 - 4	16 D 25	16	7.615		7.615	16.00	8.00	493.184				16.00	0.385	23.734
1	Lantai - 1 - 3	16 D 25	16	9.647	0.375	10.022	16.00	12.00	739.776				16.00	1.978	121.940
							TOTAL		1,829.760	TOTAL		-	WASTE		209.11
															11.43%

Kolom C4P AS PE.B / PE.12

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
							QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
			Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
4	Lantai - 6 - 8	16 D 22	16	2.360	0.33	2.690	8.00	9.00	214.848				6.00	0.930	16.651
3	Lantai - 4 - 6	16 D 22	16	7.020		7.020	16.00	8.00	381.952				16.00	0.980	46.789
2	Lantai - 3 - 4	16 D 25	16	7.615		7.615	16.00	8.00	493.184				16.00	0.385	23.734
1	Lantai - 1 - 3	16 D 25	16	9.647	0.375	10.022	16.00	12.00	739.776				16.00	1.978	121.940
							TOTAL		1,829.760	TOTAL		-	WASTE		209.11
															11.43%

Kolom C4P AS PE.B / PE.12.5

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
							QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
			Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
4	Lantai - 6 - 8	16 D 22	16	2.360	0.33	2.690	8.00	9.00	214.848				6.00	0.930	16.651
3	Lantai - 4 - 6	16 D 22	16	7.020		7.020	16.00	8.00	381.952				16.00	0.980	46.789
2	Lantai - 3 - 4	16 D 25	16	7.820		7.820	16.00	8.00	493.184				16.00	0.180	11.097
1	Lantai - 1 - 3	16 D 25	16	10.186	0.375	10.561	16.00	12.00	739.776				16.00	1.439	88.711
							TOTAL		1,829.760	TOTAL		-	WASTE		163.25
															8.92%

Kolom C4P AS PE.B,C,D,E / PE.12.5

NO	LANTAI	TULANGAN UTAMA		QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI			
								QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	
				Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg	
4	Lantai - 6 - 8	16	D 22	16	2.410	0.33	2.740	8.00	9.00	214.848				6.00	0.780	13.965	
3	Lantai - 4 - 6	16	D 22	16	7.020		7.020	16.00	8.00	381.952				16.00	0.980	46.789	
2	Lantai - 3 - 4	16	D 25	16	7.615		7.615	16.00	8.00	493.184				16.00	0.385	23.734	
1	Lantai - 1 - 3	16	D 25	16	9.847	0.375	10.222	16.00	12.00	739.776				16.00	1.778	109.610	
							TOTAL			1,829.760	TOTAL			-	WASTE		194.10
																	10.61%

Jumlah Kebutuhan Coupler 2-2

Bangunan MSCP

Kolom C4P AS PE.E / PE.10

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
			Pcs	m	m	m	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
							Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 6 - 8	16 D 22	14	3.217	0.33	3.547	8.00	8.00	190.976				16.00	0.906	43.256
4	Lantai - 4 - 6	16 D 22	16	9.000		9.000	16.00	9.00	429.696				8.00	-	-
3	Lantai - 2 - 4	16 D 22	16	9.000		9.000	16.00	9.00	429.696				8.00	-	-
2	Lantai - GF - 2	16 D 25	16	9.000		9.000	16.00	9.00	554.832				8.00	-	-
1	Lantai - LG - GF	16 D 25	16	8.625	0.375	9.000	16.00	9.00	554.832				16.00	-	-
TOTAL							2,160.032			TOTAL			WASTE		43.26 2.00%

Kolom C4P AS PE.E / PE.11

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
			Pcs	m	m	m	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
							Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 6 - 8	16 D 22	14	3.217	0.33	3.547	8.00	8.00	190.976				16.00	0.906	43.256
4	Lantai - 4 - 6	16 D 22	16	9.000		9.000	16.00	9.00	429.696				8.00	-	-
3	Lantai - 2 - 4	16 D 22	16	9.000		9.000	16.00	9.00	429.696				8.00	-	-
2	Lantai - GF - 2	16 D 25	16	9.000		9.000	16.00	9.00	554.832				8.00	-	-
1	Lantai - LG - GF	16 D 25	16	8.625	0.375	9.000	16.00	9.00	554.832				16.00	-	-
TOTAL							2,160.032			TOTAL			WASTE		43.26 2.00%

Kolom C4P AS PE.E / PE.12

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
			Pcs	m	m	m	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
							Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 6 - 8	16 D 22	14	3.217	0.33	3.547	8.00	8.00	190.976				16.00	0.906	43.256
4	Lantai - 4 - 6	16 D 22	16	9.000		9.000	16.00	9.00	429.696				8.00	-	-
3	Lantai - 2 - 4	16 D 22	16	9.000		9.000	16.00	9.00	429.696				8.00	-	-
2	Lantai - GF - 2	16 D 25	16	9.000		9.000	16.00	9.00	554.832				8.00	-	-
1	Lantai - LG - GF	16 D 25	16	8.625	0.375	9.000	16.00	9.00	554.832				16.00	-	-
TOTAL							2,160.032			TOTAL			WASTE		43.26 2.00%

Kolom C4P AS PE.E / PE.9

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
			Pcs	m	m	m	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
							Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 6 - 8	16 D 22	14	3.217	0.33	3.547	8.00	8.00	190.976				16.00	0.906	43.256
4	Lantai - 4 - 6	16 D 22	16	9.000		9.000	16.00	9.00	429.696				8.00	-	-
3	Lantai - 2 - 4	16 D 22	16	9.000		9.000	16.00	9.00	429.696				8.00	-	-
2	Lantai - GF - 2	16 D 25	16	9.000		9.000	16.00	9.00	554.832				8.00	-	-
1	Lantai - LG - GF	16 D 25	16	8.625	0.375	9.000	16.00	9.00	554.832				16.00	-	-
TOTAL							2,160.032			TOTAL			WASTE		43.26 2.00%

Kolom C4P AS PE.E / PE.7, 8

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
			Pcs	m	m	m	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
							Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 6 - 8	16 D 22	14	3.217	0.33	3.547	8.00	8.00	190.976				16.00	0.906	43.256
4	Lantai - 4 - 6	16 D 22	16	9.000		9.000	16.00	9.00	429.696				8.00	-	-
3	Lantai - 2 - 4	16 D 22	16	9.000		9.000	16.00	9.00	429.696				8.00	-	-
2	Lantai - GF - 2	16 D 25	16	9.000		9.000	16.00	9.00	554.832				8.00	-	-
1	Lantai - LG - GF	16 D 25	16	8.625	0.375	9.000	16.00	9.00	554.832				16.00	-	-
TOTAL							2,160.032			TOTAL			WASTE		43.26 2.00%

Kolom C4P AS PE.D / PE.4,5,6,7

NO	LANTAI	TULANGAN UTAMA		QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
								QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
				Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 6 - 8	16	D	22	14	3.217	0.33	3.547	8.00	8.00	190.976			16.00	0.906	43.256
4	Lantai - 4 - 6	16	D	22	16	9.000		9.000	16.00	9.00	429.696			8.00	-	-
3	Lantai - 2 - 4	16	D	22	16	9.000		9.000	16.00	9.00	429.696			8.00	-	-
2	Lantai - GF - 2	16	D	25	16	9.000		9.000	16.00	9.00	554.832			8.00	-	-
1	Lantai - LG - GF	16	D	25	16	8.625	0.375	9.000	16.00	9.00	554.832			16.00	-	-
								TOTAL		2,160.032	TOTAL		-	WASTE		43.26 2.00%

Kolom C4P AS PE.D / PE.8

NO	LANTAI	TULANGAN UTAMA		QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
								QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
				Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 6 - 8	16	D	22	14	3.217	0.33	3.547	8.00	8.00	190.976			16.00	0.906	43.256
4	Lantai - 4 - 6	16	D	22	16	9.000		9.000	16.00	9.00	429.696			8.00	-	-
3	Lantai - 2 - 4	16	D	22	16	9.000		9.000	16.00	9.00	429.696			8.00	-	-
2	Lantai - GF - 2	16	D	25	16	9.000		9.000	16.00	9.00	554.832			8.00	-	-
1	Lantai - LG - GF	16	D	25	16	8.625	0.375	9.000	16.00	9.00	554.832			16.00	-	-
								TOTAL		2,160.032	TOTAL		-	WASTE		43.26 2.00%

Kolom C4P AS PE.D / PE.9

NO	LANTAI	TULANGAN UTAMA		QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
								QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
				Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 6 - 8	16	D	22	14	3.217	0.33	3.547	8.00	8.00	190.976			16.00	0.906	43.256
4	Lantai - 4 - 6	16	D	22	16	9.000		9.000	16.00	9.00	429.696			8.00	-	-
3	Lantai - 2 - 4	16	D	22	16	9.000		9.000	16.00	9.00	429.696			8.00	-	-
2	Lantai - GF - 2	16	D	25	16	9.000		9.000	16.00	9.00	554.832			8.00	-	-
1	Lantai - LG - GF	16	D	25	16	8.625	0.375	9.000	16.00	9.00	554.832			16.00	-	-
								TOTAL		2,160.032	TOTAL		-	WASTE		43.26 2.00%

Kolom C4P AS PE.D / PE.10

NO	LANTAI	TULANGAN UTAMA		QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
								QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
				Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 6 - 8	16	D	22	14	3.217	0.33	3.547	8.00	8.00	190.976			16.00	0.906	43.256
4	Lantai - 4 - 6	16	D	22	16	9.000		9.000	16.00	9.00	429.696			8.00	-	-
3	Lantai - 2 - 4	16	D	22	16	9.000		9.000	16.00	9.00	429.696			8.00	-	-
2	Lantai - GF - 2	16	D	25	16	9.000		9.000	16.00	9.00	554.832			8.00	-	-
1	Lantai - LG - GF	16	D	25	16	8.625	0.375	9.000	16.00	9.00	554.832			16.00	-	-
								TOTAL		2,160.032	TOTAL		-	WASTE		43.26 2.00%

Kolom C4P AS PE.D / PE.11

NO	LANTAI	TULANGAN UTAMA		QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
								QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
				Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 6 - 8	16	D	22	14	3.217	0.33	3.547	8.00	8.00	190.976			16.00	0.906	43.256
4	Lantai - 4 - 6	16	D	22	16	9.000		9.000	16.00	9.00	429.696			8.00	-	-
3	Lantai - 2 - 4	16	D	22	16	9.000		9.000	16.00	9.00	429.696			8.00	-	-
2	Lantai - GF - 2	16	D	25	16	9.000		9.000	16.00	9.00	554.832			8.00	-	-
1	Lantai - LG - GF	16	D	25	16	8.625	0.375	9.000	16.00	9.00	554.832			16.00	-	-
								TOTAL		2,160.032	TOTAL		-	WASTE		43.26 2.00%

Kolom C4P AS PE.D / PE.12

NO	LANTAI	TULANGAN UTAMA		QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
								QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
				Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 6 - 8	16	D	22	14	3.217	0.33	3.547	8.00	8.00	190.976			16.00	0.906	43.256
4	Lantai - 4 - 6	16	D	22	16	9.000		9.000	16.00	9.00	429.696			8.00	-	-
3	Lantai - 2 - 4	16	D	22	16	9.000		9.000	16.00	9.00	429.696			8.00	-	-
2	Lantai - GF - 2	16	D	25	16	9.000		9.000	16.00	9.00	554.832			8.00	-	-
1	Lantai - LG - GF	16	D	25	16	8.625	0.375	9.000	16.00	9.00	554.832			16.00	-	-
								TOTAL		2,160.032	TOTAL		-	WASTE		43.26 2.00%

Kolom C4P AS PE.E / PE.3

NO	LANTAI	TULANGAN UTAMA		QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
								QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
				Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 6 - 8	16	D 22	14	3.217	0.33	3.547	8.00	8.00	190.976				16.00	0.906	43.256
4	Lantai - 4 - 6	16	D 22	16	9.000		9.000	16.00	9.00	429.696				8.00	-	-
3	Lantai - 2 - 4	16	D 22	16	9.000		9.000	16.00	9.00	429.696				8.00	-	-
2	Lantai - GF - 2	16	D 25	16	9.000		9.000	16.00	9.00	554.832				8.00	-	-
1	Lantai - LG - GF	16	D 25	16	8.625	0.375	9.000	16.00	9.00	554.832				16.00	-	-
TOTAL								2,160.032			TOTAL		-	WASTE		43.26 2.00%

Kolom C4P AS PE.D / PE.2

NO	LANTAI	TULANGAN UTAMA		QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
								QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
				Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 6 - 8	16	D 22	14	3.217	0.33	3.547	8.00	8.00	190.976				16.00	0.906	43.256
4	Lantai - 4 - 6	16	D 22	16	9.000		9.000	16.00	9.00	429.696				8.00	-	-
3	Lantai - 2 - 4	16	D 22	16	9.000		9.000	16.00	9.00	429.696				8.00	-	-
2	Lantai - GF - 2	16	D 25	16	9.000		9.000	16.00	9.00	554.832				8.00	-	-
1	Lantai - LG - GF	16	D 25	16	8.625	0.375	9.000	16.00	9.00	554.832				16.00	-	-
TOTAL								2,160.032			TOTAL		-	WASTE		43.26 2.00%

Kolom C4P AS PE.C / PE.12

NO	LANTAI	TULANGAN UTAMA		QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
								QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
				Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 6 - 8	16	D 22	14	3.217	0.33	3.547	8.00	8.00	190.976				16.00	0.906	43.256
4	Lantai - 4 - 6	16	D 22	16	9.000		9.000	16.00	9.00	429.696				8.00	-	-
3	Lantai - 2 - 4	16	D 22	16	9.000		9.000	16.00	9.00	429.696				8.00	-	-
2	Lantai - GF - 2	16	D 25	16	9.000		9.000	16.00	9.00	554.832				8.00	-	-
1	Lantai - LG - GF	16	D 25	16	8.625	0.375	9.000	16.00	9.00	554.832				16.00	-	-
TOTAL								2,160.032			TOTAL		-	WASTE		43.26 2.00%

Kolom C4P AS PE.C / PE.11

NO	LANTAI	TULANGAN UTAMA		QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
								QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
				Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 6 - 8	16	D 22	14	3.217	0.33	3.547	8.00	8.00	190.976				16.00	0.906	43.256
4	Lantai - 4 - 6	16	D 22	16	9.000		9.000	16.00	9.00	429.696				8.00	-	-
3	Lantai - 2 - 4	16	D 22	16	9.000		9.000	16.00	9.00	429.696				8.00	-	-
2	Lantai - GF - 2	16	D 25	16	9.000		9.000	16.00	9.00	554.832				8.00	-	-
1	Lantai - LG - GF	16	D 25	16	8.625	0.375	9.000	16.00	9.00	554.832				16.00	-	-
TOTAL								2,160.032			TOTAL		-	WASTE		43.26 2.00%

Kolom C4P AS PE.C / PE.10

NO	LANTAI	TULANGAN UTAMA		QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
								QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
				Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 6 - 8	16	D 22	14	3.217	0.33	3.547	8.00	8.00	190.976				16.00	0.906	43.256
4	Lantai - 4 - 6	16	D 22	16	9.000		9.000	16.00	9.00	429.696				8.00	-	-
3	Lantai - 2 - 4	16	D 22	16	9.000		9.000	16.00	9.00	429.696				8.00	-	-
2	Lantai - GF - 2	16	D 25	16	9.000		9.000	16.00	9.00	554.832				8.00	-	-
1	Lantai - LG - GF	16	D 25	16	8.625	0.375	9.000	16.00	9.00	554.832				16.00	-	-
TOTAL								2,160.032			TOTAL		-	WASTE		43.26 2.00%

Kolom C4P AS PE.C / PE.9

NO	LANTAI	TULANGAN UTAMA		QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
								QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
				Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 6 - 8	16	D 22	14	3.217	0.33	3.547	8.00	8.00	190.976				16.00	0.906	43.256
4	Lantai - 4 - 6	16	D 22	16	9.000		9.000	16.00	9.00	429.696				8.00	-	-
3	Lantai - 2 - 4	16	D 22	16	9.000		9.000	16.00	9.00	429.696				8.00	-	-
2	Lantai - GF - 2	16	D 25	16	9.000		9.000	16.00	9.00	554.832				8.00	-	-
1	Lantai - LG - GF	16	D 25	16	8.625	0.375	9.000	16.00	9.00	554.832				16.00	-	-
TOTAL								2,160.032			TOTAL		-	WASTE		43.26 2.00%

Kolom C4P AS PE.C / PE.8

NO	LANTAI	TULANGAN UTAMA		QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
								QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
				Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 6 - 8	16	D	22	14	3.217	0.33	3.547	8.00	8.00	190.976			16.00	0.906	43.256
4	Lantai - 4 - 6	16	D	22	16	9.000		9.000	16.00	9.00	429.696			8.00	-	-
3	Lantai - 2 - 4	16	D	22	16	9.000		9.000	16.00	9.00	429.696			8.00	-	-
2	Lantai - GF - 2	16	D	25	16	9.000		9.000	16.00	9.00	554.832			8.00	-	-
1	Lantai - LG - GF	16	D	25	16	8.625	0.375	9.000	16.00	9.00	554.832			16.00	-	-
								TOTAL		2,160.032	TOTAL		-	WASTE		43.26 2.00%

Kolom C4P AS PE.C / PE.4, 5, 6, 7

NO	LANTAI	TULANGAN UTAMA		QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
								QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
				Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 6 - 8	16	D	22	14	3.217	0.33	3.547	8.00	8.00	190.976			16.00	0.906	43.256
4	Lantai - 4 - 6	16	D	22	16	9.000		9.000	16.00	9.00	429.696			8.00	-	-
3	Lantai - 2 - 4	16	D	22	16	9.000		9.000	16.00	9.00	429.696			8.00	-	-
2	Lantai - GF - 2	16	D	25	16	9.000		9.000	16.00	9.00	554.832			8.00	-	-
1	Lantai - LG - GF	16	D	25	16	8.625	0.375	9.000	16.00	9.00	554.832			16.00	-	-
								TOTAL		2,160.032	TOTAL		-	WASTE		43.26 2.00%

Kolom C4P AS PE.B / PE.1

NO	LANTAI	TULANGAN UTAMA		QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
								QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
				Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 6 - 8	16	D	22	14	3.217	0.33	3.547	8.00	8.00	190.976			16.00	0.906	43.256
4	Lantai - 4 - 6	16	D	22	16	9.000		9.000	16.00	9.00	429.696			8.00	-	-
3	Lantai - 2 - 4	16	D	22	16	9.000		9.000	16.00	9.00	429.696			8.00	-	-
2	Lantai - GF - 2	16	D	25	16	9.000		9.000	16.00	9.00	554.832			8.00	-	-
1	Lantai - LG - GF	16	D	25	16	8.625	0.375	9.000	16.00	9.00	554.832			16.00	-	-
								TOTAL		2,160.032	TOTAL		-	WASTE		43.26 2.00%

Kolom C4P AS PE.B / PE.2, 3

NO	LANTAI	TULANGAN UTAMA		QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
								QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
				Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 6 - 8	16	D	22	14	3.217	0.33	3.547	8.00	8.00	190.976			16.00	0.906	43.256
4	Lantai - 4 - 6	16	D	22	16	9.000		9.000	16.00	9.00	429.696			8.00	-	-
3	Lantai - 2 - 4	16	D	22	16	9.000		9.000	16.00	9.00	429.696			8.00	-	-
2	Lantai - GF - 2	16	D	25	16	9.000		9.000	16.00	9.00	554.832			8.00	-	-
1	Lantai - LG - GF	16	D	25	16	8.625	0.375	9.000	16.00	9.00	554.832			16.00	-	-
								TOTAL		2,160.032	TOTAL		-	WASTE		43.26 2.00%

Kolom C4P AS PE.B / PE.8

NO	LANTAI	TULANGAN UTAMA		QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
								QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
				Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 6 - 8	16	D	22	14	3.217	0.33	3.547	8.00	8.00	190.976			16.00	0.906	43.256
4	Lantai - 4 - 6	16	D	22	16	9.000		9.000	16.00	9.00	429.696			8.00	-	-
3	Lantai - 2 - 4	16	D	22	16	9.000		9.000	16.00	9.00	429.696			8.00	-	-
2	Lantai - GF - 2	16	D	25	16	9.000		9.000	16.00	9.00	554.832			8.00	-	-
1	Lantai - LG - GF	16	D	25	16	8.625	0.375	9.000	16.00	9.00	554.832			16.00	-	-
								TOTAL		2,160.032	TOTAL		-	WASTE		43.26 2.00%

Kolom C4P AS PE.B / PE.10

NO	LANTAI	TULANGAN UTAMA		QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
								QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
				Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 6 - 8	16	D	22	14	3.217	0.33	3.547	8.00	8.00	190.976			16.00	0.906	43.256
4	Lantai - 4 - 6	16	D	22	16	9.000		9.000	16.00	9.00	429.696			8.00	-	-
3	Lantai - 2 - 4	16	D	22	16	9.000		9.000	16.00	9.00	429.696			8.00	-	-
2	Lantai - GF - 2	16	D	25	16	9.000		9.000	16.00	9.00	554.832			8.00	-	-
1	Lantai - LG - GF	16	D	25	16	8.625	0.375	9.000	16.00	9.00	554.832			16.00	-	-
								TOTAL		2,160.032	TOTAL		-	WASTE		43.26 2.00%

Kolom C4P AS PE.B / PE.11

NO	LANTAI	TULANGAN UTAMA			QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
									QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
					Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 6 - 8	16	D	22	14	3.217	0.33	3.547	8.00	8.00	190.976				16.00	0.906	43.256
4	Lantai - 4 - 6	16	D	22	16	9.000		9.000	16.00	9.00	429.696				8.00	-	-
3	Lantai - 2 - 4	16	D	22	16	9.000		9.000	16.00	9.00	429.696				8.00	-	-
2	Lantai - GF - 2	16	D	25	16	9.000		9.000	16.00	9.00	554.832				8.00	-	-
1	Lantai - LG - GF	16	D	25	16	8.625	0.375	9.000	16.00	9.00	554.832				16.00	-	-
									TOTAL		2,160.032	TOTAL		-	WASTE		43.26 2.00%

Kolom C4P AS PE.B / PE.12

NO	LANTAI	TULANGAN UTAMA			QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
									QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
					Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 6 - 8	16	D	22	14	3.217	0.33	3.547	8.00	8.00	190.976				16.00	0.906	43.256
4	Lantai - 4 - 6	16	D	22	16	9.000		9.000	16.00	9.00	429.696				8.00	-	-
3	Lantai - 2 - 4	16	D	22	16	9.000		9.000	16.00	9.00	429.696				8.00	-	-
2	Lantai - GF - 2	16	D	25	16	9.000		9.000	16.00	9.00	554.832				8.00	-	-
1	Lantai - LG - GF	16	D	25	16	8.625	0.375	9.000	16.00	9.00	554.832				16.00	-	-
									TOTAL		2,160.032	TOTAL		-	WASTE		43.26 2.00%

Kolom C4P AS PE.B / PE.12.5

NO	LANTAI	TULANGAN UTAMA			QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
									QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
					Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 6 - 8	16	D	22	14	3.217	0.33	3.547	8.00	8.00	190.976				16.00	0.906	43.256
4	Lantai - 4 - 6	16	D	22	16	9.000		9.000	16.00	9.00	429.696				8.00	-	-
3	Lantai - 2 - 4	16	D	22	16	9.000		9.000	16.00	9.00	429.696				8.00	-	-
2	Lantai - GF - 2	16	D	25	16	9.000		9.000	16.00	9.00	554.832				8.00	-	-
1	Lantai - LG - GF	16	D	25	16	8.625	0.375	9.000	16.00	9.00	554.832				16.00	-	-
									TOTAL		2,160.032	TOTAL		-	WASTE		43.26 2.00%

Kolom C4P AS PE.B, C, D, E/ PE.12.5

NO	LANTAI	TULANGAN UTAMA			QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
									QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
					Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
5	Lantai - 6 - 8	16	D	22	14	3.217	0.33	3.547	8.00	8.00	190.976				16.00	0.906	43.256
4	Lantai - 4 - 6	16	D	22	16	9.000		9.000	16.00	9.00	429.696				8.00	-	-
3	Lantai - 2 - 4	16	D	22	16	9.000		9.000	16.00	9.00	429.696				8.00	-	-
2	Lantai - GF - 2	16	D	25	16	9.000		9.000	16.00	9.00	554.832				8.00	-	-
1	Lantai - LG - GF	16	D	25	16	8.625	0.375	9.000	16.00	9.00	554.832				16.00	-	-
									TOTAL		2,160.032	TOTAL		-	WASTE		43.26 2.00%

Kolom C5P AS PE.F / PE.7, 8, 9, 10, 11

NO	LANTAI	TULANGAN UTAMA			QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
									QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
					Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
2	Lantai - 1 - 3	16	D	25	16	5.067	0.375	5.442	8.00	12.00	369.888				8.00	1.116	34.400
1	Lantai - LG - 1	16	D	25	16	8.625	0.375	9.000	16.00	9.00	554.832				8.00	-	-
									TOTAL		924.720	TOTAL		-	WASTE		34.40 3.72%

Kolom C5P AS PE.G / PE.10

NO	LANTAI	TULANGAN UTAMA			QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
									QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
					Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg
2	Lantai - 1 - 3	16	D	25	16	5.067	0.375	5.442	8.00	12.00	369.888				8.00	1.116	34.400
1	Lantai - LG - 1	16	D	25	16	8.625	0.375	9.000	16.00	9.00	554.832				8.00	-	-
									TOTAL		924.720	TOTAL		-	WASTE		34.40 3.72%

Kolom C5P AS PE.F / PE.7,8,9,10,11

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
			Pcs	m	m	m	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
2	Lantai - 1 - 3	16 D 25	16	5.067	0.375	5.442	8.00	12.00	369.888				8.00	1.116	34.400
1	Lantai - LG- 1	16 D 25	16	8.625	0.375	9.000	16.00	9.00	554.832				8.00	-	-
							TOTAL	924.720		TOTAL	-		WASTE		34.40
															3.72%

Kolom C5P AS PE.F / PE.3 & PE.E' / PE.2'

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
			Pcs	m	m	m	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT
2	Lantai - 1 - 3	16 D 25	16	5.067	0.375	5.442	8.00	12.00	369.888				8.00	1.116	34.400
1	Lantai - LG- 1	16 D 25	16	8.625	0.375	9.000	16.00	9.00	554.832				8.00	-	-
							TOTAL	924.720		TOTAL	-		WASTE		34.40
															3.72%

Kolom C5P AS PE.E/ PE.2

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI		
			Pcs	m	m	m	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg	QTY Pcs	PANJANG m	BERAT kg
2	Lantai - 1 - 3	16 D 25	16	5.067	0.375	5.442	8.00	12.00	369.888				8.00	1.116	34.400
1	Lantai - LG- 1	16 D 25	16	8.625	0.375	9.000	16.00	9.00	554.832				8.00	-	-
							TOTAL		924.720	TOTAL		-	WASTE		34.40
															3.72%

Kolom C5P AS PE.G / PE.12,5

NO	LANTAI	TULANGAN UTAMA	QTY	PANJANG	TEKUK	TOTAL PANJANG	BESI BARU			BESI POTONGAN			SISA BESI			
							QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	QTY	PANJANG	BERAT	
			Pcs	m	m	m	Pcs	m	kg	Pcs	m	kg	Pcs	m	kg	
2	Lantai - 1 - 3	16 D 25	16	5.067	0.375	5.442	8.00	12.00	369.888				8.00	1.116	34.400	
1	Lantai - LG- 1	16 D 25	16	8.625	0.375	9.000	16.00	9.00	554.832				8.00	-	-	
TOTAL							924.720			TOTAL			- WASTE			34.40 3.72%

REKAP KEBUTUHAN COUPLER DI MSCP

No	Lantai	D 32		D 29		D 25		D 22
		D 32	D 32 → D29	D 29	D 29 → D25	D 25	D 25 → D22	
		Pcs	Pcs	Pcs	Pcs	Pcs	Pcs	
5	Lantai - 6 - 8	-	-	-	-	-	-	2,048.00
4	Lantai - 4 - 6	-	-	-	-	-	-	2,048.00
3	Lantai - 2 - 4	-	-	-	-	16.00	2,048.00	-
2	Lantai - GF - 2	-	-	-	-	2,064.00	-	-
1	Lantai - LG - GF	-	-	-	-	2,064.00	-	-
Total		10,288.00	Pcs	-	-	4,144.00	2,048.00	4,096.00