

PROCUREMENT REPORT

Reinforcement Steel Quantities

Report Information

Floor Range	PISO 5 to PISO 11
Floors Included	7
Source File	reinforcement_solution.xlsx
Generated	2025-11-28 11:10:18

Quantities Summary

Category	Weight (tonf)	Weight (kgf)	Bar Count
Longitudinal	25.64	25,640	2,975
Transverse	7.37	7,372	8,842
TOTAL	33.01	33,012	11,817

Longitudinal Reinforcement by Diameter

Diameter	Bar Count	Weight (kgf)	Weight (tonf)
1"	21	528.2	0.528
3/4"	611	4,862.0	4.862
5/8"	2,236	19,278.6	19.279
7/8"	107	971.3	0.971
TOTAL	2,975	25,640.1	25.640

Transverse Reinforcement (Stirrups) by Diameter

Diameter	Bar Count	Weight (kgf)	Weight (tonf)
3/8"	8,842	7,371.9	7.372
TOTAL	8,842	7,371.9	7.372

Longitudinal Bars by Shape

Shape	Description	Bar Count	Weight (kgf)
L	90° hook one end	891	9,499.6
I	Straight bar	2,084	16,140.5

Detailed Longitudinal Bar List

Complete list of longitudinal bars grouped by diameter, shape, and length.

Diameter	Shape	L_total (m)	L_recta (m)	Qty	Weight (kgf)
1"		3.50	3.50	4	55.6
1"		7.00	7.00	17	472.6
3/4"	L	2.00	1.70	88	393.2
3/4"	L	2.50	2.20	37	206.6
3/4"		2.50	2.50	269	1,502.9
3/4"		3.00	3.00	87	582.9
3/4"		3.50	3.50	20	156.4
3/4"		4.00	4.00	8	71.6
3/4"	L	4.50	4.20	8	80.4
3/4"		4.50	4.50	18	180.9
3/4"		7.00	7.00	6	93.9
3/4"	L	9.00	8.70	22	442.6
3/4"		9.00	9.00	6	120.6
3/4"	L	9.50	9.20	6	127.5
3/4"	L	10.00	9.70	6	134.1
3/4"		10.00	10.00	8	178.8
3/4"	L	12.00	11.70	14	375.2
3/4"		12.00	12.00	8	214.4
5/8"	L	1.50	1.25	29	67.8
5/8"		1.50	1.50	38	88.6
5/8"	L	2.00	1.75	50	155.0
5/8"		2.00	2.00	313	970.9
5/8"	L	2.50	2.25	57	220.8
5/8"		2.50	2.50	407	1,579.2

5/8"		3.00	3.00	58	270.4
5/8"		3.50	3.50	89	483.7
5/8"	L	4.00	3.75	18	111.6
5/8"		4.00	4.00	95	589.1
5/8"	L	5.00	4.75	4	31.0
5/8"	L	5.50	5.25	52	443.3
5/8"		5.50	5.50	1	8.5
5/8"	L	6.00	5.75	105	977.2
5/8"		6.00	6.00	39	362.7
5/8"	L	7.00	6.75	49	532.7
5/8"		7.00	7.00	105	1,141.7

Diameter	Shape	L_total (m)	L_recta (m)	Qty	Weight (kgf)
5/8"	L	8.00	7.75	77	956.2
5/8"		8.00	8.00	97	1,204.9
5/8"	L	8.50	8.25	3	39.6
5/8"	L	9.00	8.75	39	544.7
5/8"		9.00	9.00	46	642.7
5/8"	L	9.50	9.25	56	826.0
5/8"	L	10.00	9.75	3	46.6
5/8"		10.00	10.00	171	2,654.8
5/8"	L	10.50	10.25	21	342.3
5/8"	L	12.00	11.75	119	2,216.9
5/8"		12.00	12.00	95	1,769.7
7/8"	L	2.50	2.15	18	136.8
7/8"	L	3.00	2.65	10	91.5
7/8"		3.00	3.00	71	648.6
7/8"		3.50	3.50	2	21.3
7/8"		4.00	4.00	6	73.1

Detailed Stirrup List

Complete list of stirrups grouped by diameter, shape, and dimensions.

Diameter	Shape	Base (m)	Height (m)	Qty	Weight (kgf)
3/8"	[0.00	0.41	1,960	686.0
3/8"	[]	0.21	0.41	1,015	826.7
3/8"	[]	0.31	0.41	2,092	1,938.1
3/8"	[]	0.41	0.41	3,775	3,921.1

Floors Included

PISO 5, PISO 6, PISO 7, PISO 8, PISO 9, PISO 10, PISO 11