

Shree Nakoda Pipe Impex Pvt Ltd

Name of Project . S.I.D

Name of Structure Iron Crcuit

SUMMARY OF REINFORCEMENT STEEL								
Size of bar	T8	T10	T12	T16	T20	T25	T32	Total
Weight (Kg)	682	0	936	159	622	771	0	3170

Bar Mark	Description of Elements	Ø of Bars	No of Elmts	No of Bars	Total No	Cutting length	Shape	Weight (Kg)
	Footing F1							
NA	Bottom Main & Distribution	T12	6	17	102 No	2950	300 └─ 2400 ─┘ 300	267.199
NA	Top Main & Distribution	T12	6	17	102 No	3170	300 └─ 2622 ─┘ 300	287.126
	Footing F2							
NA	Bottom Main & Distribution	T12	2	10	21 No	1650	150 └─ 1400 ─┘ 150	30.281
NA	Top Main & Distribution	T12	2	10	21 No	1760	150 └─ 1511 ─┘ 150	32.300
	Plinth Beam 1							
NA	Main Bar top (X-Axis)	T16	2	2	4 No	11340	400 └─ 10600 ─┘ 400	71.623
NA	Main bar Top (Y-Axis)	T16	3	2	6 No	9240	400 └─ 8500 ─┘ 400	87.540
NA	Main Bar Bottom (X-Axis)	T25	2	4	8 No	11260	400 └─ 10600 ─┘ 400	347.258
NA	Main bar Bottom (Y-Axis)	T25	3	4	12 No	9160	400 └─ 8500 ─┘ 400	423.742
	Side reinforcement (X-axis)	T12	2	4		10600	└─ 10600 ─┘	75.302
	Side reinforcement (Y-axis)	T12	3	4	12 No	8500	└─ 8500 ─┘	90.576
	Stirrups (X-axis)	T8	2	72	143 No	2360	520 └─ 620 ─┘ 80	133.615
	Stirrups (Y-axis)	T8	3	58	173 No	2360	520 └─ 620 ─┘ 80	161.271
	Plinth Beam PB2							
	Main Bar top & Bottom (X-Axis)	T12	1	6	6 No	5950	300 └─ 5400 ─┘ 300	31.702
	Main bar Top & Botom (Y-Axis)	T12	2	6	12 No	3500	300 └─ 2950 ─┘ 300	37.296
	Side reinforcement (X-axis)	T12	1	2	2 No	5400	└─ 5400 ─┘	9.590
	Side reinforcement (Y-axis)	T12	2	2	4 No	2950	└─ 2950 ─┘	10.478
	Stirrups (X-axis)	T8	1	37	37 No	1160	220 └─ 320 ─┘ 80	16.953
	Stirrups (Y-axis)	T8	2	21	41 No	1160	220 └─ 320 ─┘ 80	18.939
	Column C1							
	Main Bar (Vertical)	T20	6	12	72 No	3500	400 └─ 3150 ─┘	621.684
	Master link	T8	6	22	132 No	2360	520 └─ 620 ─┘ 80	123.050
	Short link	T8	6	22	132 No	1670	174 └─ 620 ─┘ 80	87.074