

**XYZ CONSTRUCTION CO. PVT. LTD.****Name of Project** XXXXXXXXXXXXXXXXXXXX**Name of Structure** Footing +Beams

<b><u>SUMMARY OF REINFORCEMENT STEEL</u></b>								
<b>Size of bar</b>	<b>T8</b>	<b>T10</b>	<b>T12</b>	<b>T16</b>	<b>T20</b>	<b>T25</b>	<b>T32</b>	<b>Total</b>
<b>Weight (Kg)</b>	<b>1205</b>	<b>4466</b>	<b>7934</b>	<b>4034</b>	<b>12940</b>	<b>25347</b>	<b>9335</b>	<b>65259</b>

BBS Ref:		FOOTINGS+Beams, x wing , xxxxxxxxxxxx, Mumbai											Page No:(2)	
Bar Mark	Description of Elements	Ø of Bars	Nºof Elmts	Nºof Bars	Total Nº	Cutting length	A	B	C	D	E	F	Shape	Weight (Kg)
F1/1	Bottom Bar Footing S. S.	T20	1	32	32 Nº	5700	5700						<u>5700</u>	449.98
F1/2	Bottom Bar Footing L. S.	T16	1	20	20 Nº	5700	5700						<u>5700</u>	180.01
F1/3	Bottom Bar Footing S. S. Curtailed	T20	1	32	32 Nº	1860	1855						<u>1855</u>	146.84
F1/4	Bottom Bar Footing L. S. Curtailed	T16	1	16	16 Nº	1260	1260						<u>1260</u>	31.83
F2/1	Bottom Bar Footing S.s.	T20	1	27	27 Nº	5400	5400						<u>5400</u>	359.69
F2/2	Bottom Bar Footing L. S.	T16	1	19	19 Nº	5400	5400						<u>5400</u>	162.01
F2/3	Bottom Bar Footing S. S. Curtailed	T20	1	27	27 Nº	1730	1732.5						<u>1732.5</u>	115.23
F2/4	Bottom Bar Footing L. S. Curtailed	T16	1	20	20 Nº	1260	1260						<u>1260</u>	39.79
F5/1	Bottom Bar Footing S. S.	T20	1	25	25 Nº	4800	4800						<u>4800</u>	296.04
F5/2	Bottom Bar Footing L. S.	T20	1	18	18 Nº	5900	5900						<u>5900</u>	262.00
F5/3	Bottom Bar Footing S.s. Curtailed	T20	1	25	25 Nº	1520	1522.5						<u>1522.5</u>	93.75
F5/4	Bottom Bar Footing L. S. Curtailed	T20	1	18	18 Nº	1440	1435						<u>1435</u>	63.95
F6/1	Bottom Bar Footing S. S.	T20	1	21	21 Nº	4600	4600						<u>4600</u>	238.31
F6/2	Bottom Bar Footing L. S.	T20	1	20	20 Nº	6000	6000						<u>6000</u>	296.04
F6/3	Bottom Bar Footing S. S. Curtailed	T20	1	21	21 Nº	1450	1452.5						<u>1452.5</u>	75.12
F6/4	Bottom Bar Footing L. S. Curtailed	T20	1	19	19 Nº	1510	1505						<u>1505</u>	70.78
F7/1	Bottom Bar Footing S.s.	T16	1	25	25 Nº	4100	4100						<u>4100</u>	161.85
F7/2	Bottom Bar Footing L. S.	T16	1	16	16 Nº	5100	5100						<u>5100</u>	128.85
F7/3	Bottom Bar Footing S.s. Curtailed	T16	1	25	25 Nº	1350	1347.5						<u>1347.5</u>	53.29
F7/4	Bottom Bar Footing L. S. Curtailed	T16	1	16	16 Nº	1260	1260						<u>1260</u>	31.83
F8/1	Bottom Bar Footing S.s.	T25	1	23	23 Nº	5900	5900						<u>5900</u>	523.12

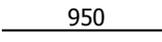
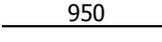
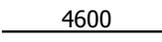
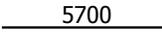
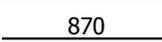
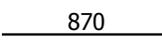
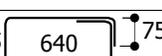
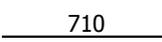
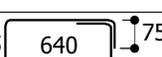
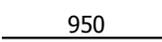
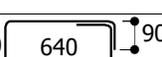
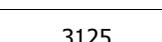
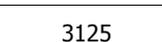
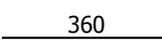
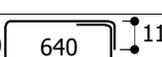
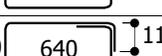
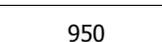
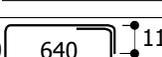
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Bar Mark	Description of Elements	Ø of Bars	Nºof Elmts	Nºof Bars	Total Nº	Cutting length	A	B	C	D	E	F	Shape	Weight (Kg)
F8/2	Bottom Bar Footing L.S.	T16	1	23	23 Nº	5900	5900						<u>5900</u>	214.27
F8/3	Bottom Bar Footing S. S. Curtailed	T25	1	23	23 Nº	1930	1925						<u>1925</u>	171.12
F8/4	Bottom Bar Footing L. S. Curtailed	T16	1	23	23 Nº	1160	1155						<u>1155</u>	42.13
F9/1	Bottom Bar Footing S. S.	T25	1	24	24 Nº	6000	6000						<u>6000</u>	555.12
F9/2	Bottom Bar Footing L. S.	T16	1	24	24 Nº	6000	6000						<u>6000</u>	227.38
F9/3	Bottom Bar Footing S. S. Curtailed	T25	1	24	24 Nº	1940	1942.5						<u>1942.5</u>	179.49
F9/4	Bottom Bar Footing L. S. Curtailed	T16	1	24	24 Nº	1300	1295						<u>1295</u>	49.27
F11/1	Bottom Bar Footing S. S.	T20	1	30	30 Nº	5100	5100						<u>5100</u>	377.45
F11/2	Bottom Bar Footing L. S.	T20	1	23	23 Nº	6600	6600						<u>6600</u>	374.49
F11/3	Bottom Bar Footing S. S. Curtailed	T20	1	30	30 Nº	1630	1627.5						<u>1627.5</u>	120.64
F11/4	Bottom Bar Footing L. S. Curtailed	T20	1	23	23 Nº	1590	1589						<u>1589</u>	90.22
F12/1	Bottom Bar Footing S. S.	T20	1	31	31 Nº	5000	5000						<u>5000</u>	382.39
F12/2	Bottom Bar Footing L. S.	T20	1	24	24 Nº	6500	6500						<u>6500</u>	384.85
F12/3	Bottom Bar Footing S. S. Curtailed	T20	1	30	30 Nº	1590	1592.5						<u>1592.5</u>	117.68
F12/4	Bottom Bar Footing L. S. Curtailed	T20	1	23	23 Nº	1540	1540						<u>1540</u>	87.38
F13/1	Bottom Bar Footing S.S.	T16	1	23	23 Nº	3500	3500						<u>3500</u>	127.11
F13/2	Bottom Bar Footing L. S.	T20	1	23	23 Nº	7800	7800						<u>7800</u>	442.58
F13/3	Bottom Bar Footing S. S. Curtailed	T16	1	23	23 Nº	1140	1137.5						<u>1137.5</u>	41.40
F13/4	Bottom Bar Footing L. S. Curtailed	T20	1	23	23 Nº	2240	2240						<u>2240</u>	127.10
F16/1	Bottom Bar Footing S.S.	T25	1	25	25 Nº	6200	6200						<u>6200</u>	597.53
F16/2	Bottom Bar Footing L. S.	T16	1	25	25 Nº	6200	6200						<u>6200</u>	244.75

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Bar Mark	Description of Elements	∅ of Bars	Nºof Elmts	Nºof Bars	Total Nº	Cutting length	A	B	C	D	E	F	Shape	Weight (Kg)
F16/3	Bottom Bar Footing S. S. Curtailed	T25	1	25	25 Nº	2030	2030						<u>2030</u>	195.64
F16/4	Bottom Bar Footing L. S. Curtailed	T16	1	25	25 Nº	1300	1295						<u>1295</u>	51.32
F17/1	Bottom Bar Footing S. S.	T25	1	25	25 Nº	6250	6250						<u>6250</u>	602.34
F17/2	Bottom Bar Footing L. S.	T16	1	25	25 Nº	6250	6250						<u>6250</u>	246.72
F17/3	Bottom Bar Footing S. S. Curtailed	T25	1	25	25 Nº	2050	2047.5						<u>2047.5</u>	197.57
F17/4	Bottom Bar Footing L. S. Curtailed	T16	1	25	25 Nº	1310	1312.5						<u>1312.5</u>	51.71
F18/1	Bottom Bar Footing S. S.	T25	1	25	25 Nº	6100	6100						<u>6100</u>	587.89
F18/2	Bottom Bar Footing L. S.	T16	1	25	25 Nº	6100	6100						<u>6100</u>	240.80
F18/3	Bottom Bar Footing S. S. Curtailed	T25	1	25	25 Nº	2000	1995						<u>1995</u>	192.75
F18/4	Bottom Bar Footing L. S. Curtailed	T16	1	25	25 Nº	1680	1680						<u>1680</u>	66.32
F19/1	Bottom Bar Footing S. S.	T20	1	24	24 Nº	4300	4300						<u>4300</u>	254.59
F19/2	Bottom Bar Footing L. S.	T20	1	23	23 Nº	7100	7100						<u>7100</u>	402.86
F19/3	Bottom Bar Footing S. S. Curtailed	T20	1	23	23 Nº	1370	1365						<u>1365</u>	77.74
F19/4	Bottom Bar Footing L. S. Curtailed	T20	1	22	22 Nº	1610	1610						<u>1610</u>	87.38
F20/1	Bottom Bar Footing S. S.	T20	1	23	23 Nº	4200	4200						<u>4200</u>	238.31
F20/2	Bottom Bar Footing L. S.	T20	1	23	23 Nº	7000	7000						<u>7000</u>	397.19
F20/3	Bottom Bar Footing S. S. Curtailed	T20	1	23	23 Nº	1370	1365						<u>1365</u>	77.74
F20/4	Bottom Bar Footing L. S. Curtailed	T20	1	23	23 Nº	1540	1540						<u>1540</u>	87.38
F3,4,10/1	Bottom Bar Footing L. S.	T20	2	75	150 Nº	11500	11500						<u>11500</u>	4255.58
F3,4,10/2	Bottom Bar Footing L. S. Cutailed	T20	1	75	75 Nº	6370	6365						<u>6365</u>	1178.61
F3,4,10/3	Bottom Bar Footing L. S. Cutailed	T20	1	30	30 Nº	3080	3080						<u>3080</u>	227.95

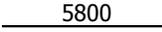
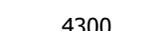
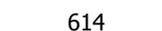
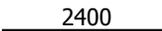
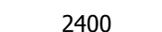
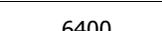
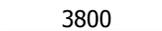
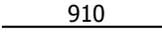
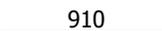
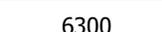
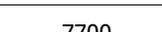
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Bar Mark	Description of Elements	∅ of Bars	Nºof Elmts	Nºof Bars	Total Nº	Cutting length	A	B	C	D	E	F	Shape	Weight (Kg)
F3,4,10/4	Top Bar Footing L. S.	T25	2	150	300 Nº	11500	11500							13299.75
F3,4,10/5	Peripheral Stirrups	T10	1	5	5 Nº	45120	11500	11000	90					139.20
F3,4,10/6	Bottom Bar Footing S. S.	T25	1	112	112 Nº	11500	11500							4965.24
F3,4,10/7	Top Bar Footing S. S.	T16	1	48	48 Nº	11500	11500							871.61
F3,4,10/8	13 no. 2- legged Stirrups	T12	102	13	1326 Nº	4000	1900	25	110					4709.95
F3,4,10/9	Stirrups Continues Bars	T12	102	2	204 Nº	11000	11000							1992.67
F3,4,10/10	In Bet Stirrups	T8	12	5	60 Nº	11500	11500							272.55
F3,4,10/11	Chairs	T25	1	72	72 Nº	7030	1000	2000	1200	2000	1000			1951.25
F14,15/1	Bottom Bar Footing L. S.	T32	1	32	32 Nº	11600	11600							2344.50
F14,15/2	Bottom Bar Footing L. S. Cutailed	T32	1	32	32 Nº	9600	9600							1940.28
F14,15/3	Peripheral Stirrups	T10	1	5	5 Nº	34520	5600	11600	90					106.49
F14,15/4	Bottom Bar Footing S. S.	T32	1	92	92 Nº	5600	5600							3254.00
F14,15/5	Top Bar Footing S.s.	T12	1	25	25 Nº	11600	11600							257.52
F14,15/6	12 no. 2- legged Stirrups	T10	110	12	1320 Nº	3570	1700	25	90					2907.55
F14,15/7	Stirrups Continues Bars	T10	110	2	220 Nº	5600	5600							760.14
F14,15/8	In Bet Stirrups	T8	11	5	55 Nº	11600	11600							252.01
Pf17/1	Bottom Bar Footing S. S.	T16	2	27	54 Nº	2960	200	2600	200					252.39
Pf17/2	Bottom Bar Footing L. S.	T16	2	26	52 Nº	3560	200	3200	200					292.30
<b>B21 for F1 Full</b>	Bottom Bars	T16	3	3	9 Nº	2690	2690							38.23
	Top Bars	T32	3	4	12 Nº	2690	2690							203.88
	Curtailed Bar Bot	T16	3	1	3 Nº	340	340							1.61
	Curtailed Bar Top	T32	3	1	3 Nº	340	340							6.44
	Stirrups	T10	3	20	60 Nº	1880	640	240	90					69.60
<b>B16 for F1 Full</b>	Bottom Bars	T20	2	2	4 Nº	870	870							8.59
	Top Bars	T20	2	2	4 Nº	870	870							8.59
	Stirrups	T8	2	3	6 Nº	1710	640	165	75					4.05

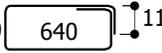
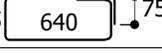
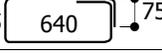
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Bar Mark	Description of Elements	∅ of Bars	Nºof Elmts	Nºof Bars	Total Nº	Cutting length	A	B	C	D	E	F	Shape	Weight (Kg)
B16 for F1 Full	Bottom Bars	T20	1	2		2050	2050							10.12
	Top Bars	T20	1	2		2050	2050							10.12
	Stirrups	T8	1	15	15 Nº	1710	640	165	75					10.13
B34 for F1 Part	Bottom Bars	T12	1	2	2 Nº	950	950							1.69
	Top Bars	T25	1	2	2 Nº	950	950							7.33
	Top Bars	T16	1	2	2 Nº	950	950							3.00
	Stirrups	T10	1	3	3 Nº	1880	640	240	90					3.48
B17 for F1 Part	Bottom Bars	T12	2	2	4 Nº	950	950							3.37
	Top Bars	T25	2	4	8 Nº	950	950							29.30
	Stirrups	T12	2	4	8 Nº	1910	640	240	110					13.57
B9 for F1 Part	Bottom Bars	T12	1	2	2 Nº	950	950							1.69
	Top Bars	T25	1	3	3 Nº	950	950							10.99
	Stirrups	T10	1	4	4 Nº	1880	640	240	90					4.64
Binders	Shorter Span	T8	2	2	4 Nº	5700	5700							9.01
	Longer Span	T8	2	2	4 Nº	5700	5700							9.01
<b>F2</b>														
B16 for F2 Full	Bottom Bars	T20	2	2	4 Nº	1270	1270							12.53
	Top Bars	T20	2	2	4 Nº	1270	1270							12.53
	Stirrups	T8	2	7	13 Nº	1710	640	165	75					9.46
B11 For F2 Part	Bottom Bars	T16	1	2	2 Nº	950	950							3.00
	Top Bars	T32	1	2	2 Nº	950	950							12.00
	Stirrups	T10	1	4	4 Nº	1880	640	240	90					4.64
B12 For F2 Part	Bottom Bars	T16	2	2	4 Nº	950	950							6.00
	Top Bars	T32	2	2	4 Nº	950	950							24.00
	Top Bars	T20	2	2	4 Nº	950	950							9.38
	Stirrups	T10	2	4	8 Nº	1880	640	240	90					9.28
B16 For F2 Full	Bottom Bars	T20	1	2	2 Nº	2050	2050							10.12
	Top Bars	T20	1	2	2 Nº	2050	2050							10.12

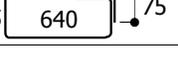
BBS Ref:		FOOTINGS+Beams, x wing , xxxxxxxxxxxx, Mumbai													
Bar Mark	Description of Elements	∅ of Bars	Nºof Elmts	Nºof Bars	Total Nº	Cutting length	A	B	C	D	E	F	Shape	Weight (Kg)	
	Stirrups	T8	1	18	18 Nº	1710	640	165	75					12.16	
Binders	Shorter Span	T8	2	2	4 Nº	5400	5400						<u>5400</u>	8.53	
	Longer Span	T8	2	2	4 Nº	5400	5400						<u>5400</u>	8.53	
<b>F103, 104, 110</b>															
B16 Full	Bottom Bars	T20	1	2	2 Nº	2040	2040						<u>2040</u>	10.07	
	Top Bars	T20	1	2	2 Nº	2040	2040						<u>2040</u>	10.07	
	Stirrups	T8	1	15	15 Nº	1710	640	165	75				165  75	10.13	
B39 Full	Bottom Bars	T20	5	2	10 Nº	5250	5250						<u>5250</u>	129.52	
	Top Bars	T25	5	5	25 Nº	5250	5250						<u>5250</u>	505.97	
	Curtailed Bars - Top	T25	5	2	10 Nº	660	664						<u>664</u>	25.44	
	Stirrups Ends	T12	5	26	130 Nº	1910	640	240	110				240  110	220.49	
	Stirrups Middle	T12	5	6	30 Nº	1910	640	240	110				240  110	50.88	
B16 Full	Bottom Bars	T20	2	2	4 Nº	1050	1050						<u>1050</u>	10.36	
	Top Bars	T20	2	2	4 Nº	1050	1050						<u>1050</u>	10.36	
	Stirrups	T8	1	3	3 Nº	1710	640	165	75				165  75	2.03	
B13 Part	Bottom Bars	T20	5	2	10 Nº	950	950						<u>950</u>	23.44	
	Top Bars	T32	5	2	10 Nº	950	950						<u>950</u>	60.00	
	Top Bars	T25	5	2	10 Nº	950	950						<u>950</u>	36.62	
	Stirrups	T12	5	3	15 Nº	1910	640	240	110				240  110	25.44	
Binders	Shorter Span	T8	2	2	4 Nº	11400	11400						<u>11400</u>	18.01	
	Longer Span	T8	2	2	4 Nº	11000	11000						<u>11000</u>	17.38	
<b>F5</b>															
B16 Full	Bottom Bars	T20	2	2	4 Nº	800	800						<u>800</u>	7.89	
	Top Bars	T20	2	2	4 Nº	800	800						<u>800</u>	7.89	
	Stirrups	T8	2	3	6 Nº	1710	640	165	75				165  75	4.05	
B16 Full	Bottom Bars	T20	1	2	2 Nº	2750	2750						<u>2750</u>	13.57	
	Top Bars	T20	1	2	2 Nº	2750	2750						<u>2750</u>	13.57	

BBS Ref:		FOOTINGS+Beams, x wing , xxxxxxxxxxxx, Mumbai											Page No:(8)	
Bar Mark	Description of Elements	∅ of Bars	Nºof Elmts	Nºof Bars	Total Nº	Cutting length	A	B	C	D	E	F	Shape	Weight (Kg)
	Strirrups	T8	1	22	22 Nº	1710	640	165	75				165 	14.86
B14 Full	Bottom Bars	T12	3	2	6 Nº	950	950							5.06
	Top Bars	T25	3	3	9 Nº	950	950							32.96
	Stirrups	T8	3	4	12 Nº	1860	640	240	75				240 	8.82
Binders	Shorter Span	T8	3	2	6 Nº	4600	4600							10.90
	Longer Span	T8	3	2	6 Nº	5700	5700							13.51
<b>F6</b>														
B16 Full	Bottom Bars	T20	2	2	4 Nº	870	870							8.59
	Top Bars	T20	2	2	4 Nº	870	870							8.59
	Strirrups	T8	2	3	6 Nº	1710	640	165	75				165 	4.05
B16 Full	Bottom Bars	T20	2	2	4 Nº	710	710							7.01
	Top Bars	T20	2	2	4 Nº	710	710							7.01
	Strirrups	T8	2	2	4 Nº	1710	640	165	75				165 	2.70
B2 Part	Bottom Bars	T12	3	2	6 Nº	950	950							5.06
	Top Bars	T25	3	4	12 Nº	950	950							43.95
	Strirrups	T10	3	4	12 Nº	1880	640	240	90				240 	13.92
Binders	Shorter Span	T8	3	2	6 Nº	4400	4400							10.43
	Longer Span	T8	3	2	6 Nº	5800	5800							13.75
<b>F7</b>														
B28 Full	Bottom Bars	T16	1	2	2 Nº	3130	3125							9.89
	Top Bars	T32	1	3	3 Nº	3130	3125							59.31
	Top Bars	T25	1	1	1 Nº	3130	3125							12.07
	Curtailed Bar	T32	1	1	1 Nº	360	360							2.27
	Stirrups End	T12	1	14	14 Nº	1910	640	240	110				240 	23.75
	Stirrups Middle	T12	1	3	3 Nº	1910	640	240	110				240 	5.09
B15 Part	Bottom Bars	T25	1	3	3 Nº	950	950							10.99
	Top Bars	T32	1	6	6 Nº	950	950							36.00
	Stirrups	T12	1	3	3 Nº	2010	640	290	110				290 	5.36

BBS Ref:		FOOTINGS+Beams, x wing , xxxxxxxxxxxx, Mumbai											Page No:(9)	
Bar Mark	Description of Elements	∅ of Bars	Nºof Elmts	Nºof Bars	Total Nº	Cutting length	A	B	C	D	E	F	Shape	Weight (Kg)
B2 Part	Bottom Bars	T12	1	2	2 Nº	950	950						<u>950</u>	1.69
	Top Bars	T25	1	4	4 Nº	950	950						<u>950</u>	14.65
	Stirrups	T10	1	4	4 Nº	1880	640	240	90				240 	4.64
Binders	Shorter Span	T8	2	2	4 Nº	4300	4300						<u>4300</u>	6.79
	Longer Span	T8	2	2	4 Nº	5300	5300						<u>5300</u>	8.37
<b>F8</b>														
B21 Part	Bottom Bars	T16	2	3	6 Nº	2590	2590						<u>2590</u>	24.54
	Top Bars	T32	2	4	8 Nº	2590	2590						<u>2590</u>	130.87
	Curtailed Bars Bot	T16	2	1	2 Nº	330	330						<u>330</u>	1.04
	Curtailed Bar Top	T32	2	1	2 Nº	330	330						<u>330</u>	4.17
	Stirrups	T10	2	19	38 Nº	1880	640	240	90				240 	44.08
B6 Full	Bottom Bars	T16	5	2	10 Nº	6940	6940						<u>6940</u>	109.58
	Top Bars	T32	5	3	15 Nº	6940	6940						<u>6940</u>	657.50
	Top Bars	T25	5	1	5 Nº	6940	6940						<u>6940</u>	133.77
	Extra bottom Left	T32	5	2	10 Nº	2410	2413						<u>2413</u>	152.22
	Extra bottom Right	T32	5	2	10 Nº	2410	2413						<u>2413</u>	152.22
	Curtailed Bar	T32	5	1	5 Nº	1210	1206						<u>1206</u>	38.21
	Stirrups End	T12	5	44	220 Nº	1910	640	240	110				240 	373.14
	Stirrups Middle	T12	5	7	35 Nº	2110	740	240	110				240 	65.58
B16 Full	Bottom Bars	T20	2	2	4 Nº	1650	1650						<u>1650</u>	16.28
	Top Bars	T20	2	2	4 Nº	1650	1650						<u>1650</u>	16.28
	Stiruups	T8	2	11	22 Nº	1710	640	165	75				165 	14.86
Binders	Shorter Span	T8	4	2	8 Nº	5700	5700						<u>5700</u>	18.01
	Longer Span	T8	4	2	8 Nº	5700	5700						<u>5700</u>	18.01
<b>F9</b>														
B2 Full	Bottom Bars	T12	4	2	8 Nº	4790	4790						<u>4790</u>	34.03
	Top Bars	T25	4	4	16 Nº	4790	4790						<u>4790</u>	295.45
	Curtailed Bar	T25	4	1	4 Nº	680	684						<u>684</u>	10.49

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Bar Mark	Description of Elements	∅ of Bars	Nºof Elmts	Nºof Bars	Total Nº	Cutting length	A	B	C	D	E	F	Shape	Weight (Kg)
	Stirrups End	T10	4	26	104 Nº	1880	640	240	90				240 	120.64
	Stirrups Middle	T10	4	5	20 Nº	1880	640	240	90				240 	23.20
Binders	Shorter Span	T8	4	4	16 Nº	5800	5800							36.66
	Longer Span	T8	4	4	16 Nº	5800	5800							36.66
<b>F11</b>														
B40 Full	Bottom Bars	T12	3	2	6 Nº	4300	4300							22.91
	Top Bars	T25	3	2	6 Nº	4300	4300							99.46
	Curtailed Bars	T25	3	1	3 Nº	610	614							7.06
	Stirrups End	T10	3	26	78 Nº	1880	640	240	90				240 	90.48
	Stirrups Middle	T10	3	4	12 Nº	1880	640	240	90				240 	13.92
B16 Full	Bottom Bars	T20	2	2	4 Nº	2400	2400							23.68
	Top Bars	T20	2	2	4 Nº	2400	2400							23.68
	Stirrups	T8	2	19	38 Nº	1710	640	165	75				165 	25.67
Binders	Shorter Span	T8	2	4	8 Nº	4900	4900							15.48
	Longer Span	T8	2	4	8 Nº	6400	6400							20.22
<b>F12</b>														
B2 Full	Bottom Bars	T12	3	2	6 Nº	3800	3800							20.25
	Top Bars	T12	3	2	6 Nº	3800	3800							20.25
	Stirrups End	T10	3	24	72 Nº	1880	640	240	90				240 	83.52
	Stirrups Middle	T10	3	11	33 Nº	1880	640	240	90				240 	38.28
B16 Full	Bottom Bars	T20	1	2	2 Nº	910	910							4.49
	Top Bars	T20	1	2	2 Nº	910	910							4.49
	Stirrups	T8	1	4	4 Nº	1710	640	165	75				165 	2.70
Binders	Shorter Span	T8	1	2	2 Nº	4800	4800							3.79
	Longer Span	T8	1	2	2 Nº	6300	6300							4.98
<b>F13</b>														
Binders	Shorter Span	T8	1	2	2 Nº	3500	3500							2.77
	Longer Span	T8	1	2	2 Nº	7700	7700							6.08
<b>F14-f15</b>														

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Bar Mark	Description of Elements	∅ of Bars	Nºof Elmts	Nºof Bars	Total Nº	Cutting length	A	B	C	D	E	F	Shape	Weight (Kg)
B21 Full	Bottom Bars	T16	2	3	6 Nº	2040	2040						<u>2040</u>	19.33
	Top Bars	T32	2	4	8 Nº	2040	2040						<u>2040</u>	103.08
	Curtailed Bars Bot	T16	2	1	2 Nº	290	290						<u>290</u>	0.92
	Curtailed Bars Top	T32	2	1	2 Nº	290	290						<u>290</u>	3.66
	Stirrups	T10	2	12	24 Nº	1880	640	240	90				240 	27.84
B42 Part	Bottom Bars	T20	3	2	6 Nº	950	950						<u>950</u>	14.06
	Bottom Bars	T16	3	1	3 Nº	950	950						<u>950</u>	4.50
	Top Bars	T32	3	3	9 Nº	950	950						<u>950</u>	54.00
	Top Bars	T25	3	2	6 Nº	950	950						<u>950</u>	21.97
	Stirrups	T12	3	6	18 Nº	1910	640	240	110				240 	30.53
B16 Part	Bottom Bars	T20	1	2	2 Nº	850	850						<u>850</u>	4.19
	Top Bars	T20	1	2	2 Nº	850	850						<u>850</u>	4.19
	Stirrups	T8	1	6	6 Nº	1710	640	165	75				165 	4.05
B16 Full	Bottom Bars	T20	2	2	4 Nº	1350	1350						<u>1350</u>	13.32
	Top Bars	T20	2	2	4 Nº	1350	1350						<u>1350</u>	13.32
	Stirrups	T8	2	8	16 Nº	1710	640	165	75				165 	10.81
Binders	Shorter Span	T8	2	4	8 Nº	5700	5700						<u>5700</u>	18.01
	Longer Span	T8	2	4	8 Nº	11700	11700						<u>11700</u>	36.97
<b>F16</b>														
B16 Full	Bottom Bars	T20	2	2	4 Nº	1520	1515						<u>1515</u>	15.00
	Top Bars	T20	2	2	4 Nº	1520	1515						<u>1515</u>	15.00
	Stirrups	T8	2	10	20 Nº	1710	640	165	75				165 	13.51
Binders	Shorter Span	T8	2	2	4 Nº	330	330						<u>330</u>	0.52
	Longer Span	T8	2	2	4 Nº	6050	6050						<u>6050</u>	9.56
<b>F17</b>														
B42 Part	Bottom Bars	T20	2	2	4 Nº	950	950						<u>950</u>	9.38
	Bottom Bars	T16	2	1	2 Nº	950	950						<u>950</u>	3.00
	Top Bars	T32	2	3	6 Nº	950	950						<u>950</u>	36.00

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Bar Mark	Description of Elements	∅ of Bars	Nºof Elmts	Nºof Bars	Total Nº	Cutting length	A	B	C	D	E	F	Shape	Weight (Kg)
	Top Bars	T25	2	2	4 Nº	950	950						<u>950</u>	14.65
	Stirrups End	T12	2	6	12 Nº	1910	640	240	110				240 	20.35
B16 Full	Bottom Bars	T20	2	2	4 Nº	1170	1170						<u>1170</u>	11.55
	Top Bars	T20	2	2	4 Nº	1170	1170						<u>1170</u>	11.55
	Stirrups	T8	2	6	12 Nº	1710	640	165	75				165 	8.11
B16 Full	Bottom Bars	T20	2	2	4 Nº	1570	1565						<u>1565</u>	15.49
	Top Bars	T20	2	2	4 Nº	1570	1565						<u>1565</u>	15.49
	Stirrups	T8	2	10	20 Nº	1710	640	165	75				165 	13.51
Binders	Shorter Span	T8	2	2	4 Nº	5900	5900						<u>5900</u>	9.32
	Longer Span	T8	2	2	4 Nº	6050	6050						<u>6050</u>	9.56
<b>F18</b>														
B43 Part	Bottom Bras	T25	1	2	2 Nº	950	950						<u>950</u>	7.33
	Bottom Bras	T20	1	1	1 Nº	950	950						<u>950</u>	2.34
	Top Bars	T32	1	5	5 Nº	950	950						<u>950</u>	30.00
	Stirrups	T12	1	7	7 Nº	1910	640	240	110				240 	11.87
B16 Full	Bottom Bars	T20	2	2	4 Nº	2300	2300						<u>2300</u>	22.70
	Top Bars	T20	2	2	4 Nº	2300	2300						<u>2300</u>	22.70
	Stirrups	T8	2	18	36 Nº	1710	640	165	75				165 	24.32
Binders	Shorter Span	T8	2	4	8 Nº	5900	5900						<u>5900</u>	18.64
	Longer Span	T8	2	4	8 Nº	5900	5900						<u>5900</u>	18.64
<b>F19</b>														
B16 Full	Bottom Bars	T20	2	2	4 Nº	700	695						<u>695</u>	6.91
	Top Bars	T20	2	2	4 Nº	700	695						<u>695</u>	6.91
	Stirrups	T8	2	2	4 Nº	1710	640	165	75				165 	2.70
B43 Part	Bottom Bars	T25	1	2	2 Nº	950	950						<u>950</u>	7.33
	Bottom Bars	T20	1	1	1 Nº	950	950						<u>950</u>	2.34
	Top Bars	T32	1	5	5 Nº	950	950						<u>950</u>	30.00
	Stirrups	T12	1	7	7 Nº	1910	640	240	110				240 	11.87

