



TABELAT E HEKURIT

OBJEKTI: "GODINA E TEATRIT TIRANE, FAZA I-re"

Tabela permbledhese e hekurit	
Strukturat	Sasia e hekurit (ton)
PILOTA TRA	822.15
DEEP BEAM	32.61
BEAM 25*85	6.74
MURE FASADA, SOLETA	1347.45
MURE	565.16
KOLONA	79.49
RAMPA HYRESE	18.79
NYJET MURE	88.02
SHKALLET	40.00
Sasia totale Objekti (ton)	3000.39

REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T034	15	Ø30/200	Ø28/200 BOT ADD	200x5460 Æ1376	Armature_Forma_1.png	-varies-	0	0	0	73.9	20329.62m³	30 mm	
REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T035	251	Ø20/200	Ø20/200	2920	Armature_Forma_03h_135_50mm.png	-varies-	1000	740	1000	732.9	156072.80m³	20 mm	
REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T040	14	Ø30/200	Ø318/200 BOT ADD	50x4150 Æ1469	Armature_Forma_1.png	-varies-	0	0	0	43.4	20785.98m³	30 mm	
REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T041	25	Ø30/200	Ø30/200 BOT ADD	1840x4440 Æ1088	Armature_Forma_1.png	-varies-	0	0	0	78.4	37552.25m³	30 mm	
REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T042	14	Ø30/200	Ø318/200 BOT ADD	Ø10x3180 Æ1478	Armature_Forma_1.png	-varies-	0	0	0	44.6	21362.92m³	30 mm	
REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T046	1	Ø20/	Ø20/	3340	Armature_Forma_1.png	-varies-	3340	0	0	3.3	171.24m³	20 mm	
REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T048	48	Ø30/200	Ø30/200 BOT ADD	190x6220 Æ141	Armature_Forma_1.png	-varies-	0	0	0	168.2	80584.30m³	30 mm	
REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T050	38	Ø30/200	Ø318/200 BOT ADD	3360	Armature_Forma_1.png	-varies-	3360	0	0	33.6	181.3	64816.88m³	30 mm
REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T054	93	Ø24/200	Ø24/200 TOP ADD	4200	Armature_Forma_1.png	-varies-	4200	0	0	39.6	61974.78m³	24 mm	
REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T067	15	Ø24/200	Ø24/200 TOP ADD	4260	Armature_Forma_1.png	-varies-	4260	0	0	63.9	15954.49m³	24 mm	
REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T069	29	Ø30/200	Ø30/200 BOT ADD	900x7780 Æ1246	Armature_Forma_1.png	-varies-	0	0	0	125.9	60301.70m³	30 mm	
REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T070	19	Ø30/200	Ø30/200 TOP ADD	4420	Armature_Forma_1.png	-varies-	4420	0	0	44.2	260.8	10683.12m³	30 mm
REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T072	18	Ø30/200	Ø318/200 BOT ADD	4300x4750 Æ156	Armature_Forma_1.png	-varies-	0	0	0	18.9	39007.74m³	30 mm	
REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T075	50	Ø30/200	Ø30/200 TOP ADD	4500	Armature_Forma_1.png	-varies-	4500	0	0	22.0	10780.24m³	30 mm	
REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T075	62	Ø30/200	Ø30/200 TOP ADD	4520	Armature_Forma_1.png	-varies-	4520	0	0	22.0	134271.33m³	30 mm	
REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T076	16	Ø30/200	Ø318/200 BOT ADD	Ø1850x5400 Æ2271	Armature_Forma_1.png	-varies-	0	0	0	74.9	35166.87m³	30 mm	
REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T080	50	Ø30/200	Ø30/200 BOT ADD	120x9610 Æ1194	Armature_Forma_1.png	-varies-	0	0	0	243.2	11645.59m³	30 mm	
REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T082	24	Ø24/200	Ø24/200 TOP ADD	4860	Armature_Forma_1.png	-varies-	4860	0	0	116.6	35766.85m³	24 mm	
REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T083	51	Ø30/200	Ø30/200 BOT ADD	60x9690 Æ1193	Armature_Forma_1.png	-varies-	0	0	0	248.7	139149.20m³	30 mm	
REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T089	10	Ø30/200	Ø30/200 BOT ADD	64x55500 Æ107	Armature_Forma_1.png	-varies-	0	0	0	56.3	2639.30m³	30 mm	
REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T090	24	Ø26/200	Ø26/200 BOT ADD	5000	Armature_Forma_1.png	-varies-	5000	0	0	26.2	43185.57m³	26 mm	
REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T099	34	Ø30/200	Ø318/200 BOT ADD	5410	Armature_Forma_1.png	-varies-	5410	0	0	183.9	88131.13m³	30 mm	
REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T119	15	Ø30/200	Ø318/200 BOT ADD	Ø196x6440 Æ291	Armature_Forma_1.png	-varies-	0	0	0	81.3	41838.52m³	30 mm	
REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T124	48	Ø30/200	Ø318/200 BOT ADD	6370	Armature_Forma_1.png	-varies-	6370	0	0	301.0	144198.90m³	30 mm	
REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T124	38	Ø30/200	Ø318/200 BOT ADD	6530	Armature_Forma_1.png	-varies-	6530	0	0	248.1	118891.27m³	30 mm	
REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T124	16	Ø30/200	Ø30/200 BOT ADD	Ø830x8810 Æ133	Armature_Forma_1.png	-varies-	0	0	0	125.0	59906.05m³	30 mm	
REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T158	8	Ø30/200	Ø30/200 BOT ADD	8000	Armature_Forma_1.png	-varies-	8000	0	0	281.0	14539.06m³	30 mm	
REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T158	8	Ø30/200	Ø30/200 BOT ADD	7990x8860 Æ124	Armature_Forma_1.png	-varies-	0	0	0	67.4	32281.49m³	30 mm	
REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T168	43	Ø30/200	Ø30/200 BOT ADD	8950	Armature_Forma_1.png	-varies-	8950	0	0	284.9	184393.10m³	30 mm	
REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T168	42	Ø30/200	Ø30/200 BOT ADD	8960	Armature_Forma_1.png	-varies-	8960	0	0	376.3	180260.12m³	30 mm	
REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T171	24	Ø30/200	Ø30/200 BOT ADD	Ø1810x4100 Æ144	Armature_Forma_1.png	-varies-	0	0	0	229.2	107264.44m³	30 mm	
REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T175	24	Ø30/200	Ø30/200 BOT ADD	Ø1810x4790 Æ135	Armature_Forma_1.png	-varies-	0	0	0	226.3	108424.88m³	30 mm	
REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T180	14	Ø30/200	Ø318/200 BOT ADD	7720x11200 Æ1568	Armature_Forma_1.png	-varies-	0	0	0	141.5	67800.89m³	30 mm	
REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T182	40	Ø30/200	Ø318/200 BOT ADD	11440	Armature_Forma_1.png	-varies-	11440	0	0	458.0	218408.99m³	30 mm	
REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T205	93	Ø24/200	Ø24/200 TOP ADD	12000	Armature_Forma_1.png	-varies-	12000	0	0	116.0	342233.67m³	24 mm	
REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T207	59	Ø24/200	Ø24/200 TOP ADD	12000	Armature_Forma_1.png	-varies-	12000	0	0	134.0	295501.70m³	24 mm	
REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T208	112	Ø30/200	Ø30/200 TOP ADD	12000	Armature_Forma_1.png	-varies-	12000	0	0	208.0	649301.44m³	30 mm	
REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T209	15	Ø30/200	Ø30/200 TOP ADD	12000	Armature_Forma_1.png	-varies-	12000	0	0	180.6	55478.14m³	30 mm	
REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T212	34	Ø30/200	Ø318/200 BOT ADD	12980	Armature_Forma_1.png	-varies-	0	0	0	441.3	211448.56m³	30 mm	
REBAR L2 FOUNDATION THEATRE LEVEL ADDITIONAL X DIRECTION	-T212	1645						10556.9			446523.59m³			

REBAR_ID_GROUND LEVEL THEATRE X DIRECTION MID.CSV		REBAR	DIMENSIONS	SHAPE	A	B	C	TOTAL LENGTH [m]	Reinforcement Volume	Bar Diameter	
07035	12	Ø30/200 TOP-BOT (offset 20cm)	1360-3870 A1=228	Armature_Forma_1.png	-varies	0	0	31.4	66.76 01m³	30 mm	
07047	42	Ø14/200 MID	2840	Armature_Forma_1.png	2840	0	0	119.3	12446.13cm³	14 mm	
07047	28	Ø14/200 MID	2870	Armature_Forma_1.png	2870	0	0	80.4	8385.07cm³	14 mm	
07052	16	Ø14/200 MID	2970	Armature_Forma_1.png	2970	0	0	47.5	4958.42cm³	14 mm	
07054	17	Ø14/200 MID	2980	Armature_Forma_1.png	2980	0	0	50.7	5286.06cm³	14 mm	
07059	16	Ø14/200 MID	2770-3650 A1=59	Armature_Forma_1.png	-varies	0	0	51.4	5361.76cm³	14 mm	
07062	17	Ø14/200 MID	940-5790 A1=303	Armature_Forma_1.png	-varies	0	0	57.2	5966.27cm³	14 mm	
07065	13	Ø14/200 MID	11760-5320 A1=297	Armature_Forma_1.png	-varies	0	0	46.3	4739.83cm³	14 mm	
07070	17	Ø14/200 MID	3750	Armature_Forma_1.png	3750	0	0	63.8	6651.92cm³	14 mm	
07073	24	Ø14/200 MID	290-7460 A1=312	Armature_Forma_1.png	-varies	0	0	93.0	9701.46cm³	14 mm	
07074	2	Ø14/200 MID	3940	Armature_Forma_1.png	3940	0	0	27.8	2822.23cm³	14 mm	
07083	69	Ø14/200 MID	4260	Armature_Forma_1.png	4260	0	0	293.9	30246.79cm³	14 mm	
07085	74	Ø14/200 MID	4560	Armature_Forma_1.png	4560	0	0	337.4	35209.78cm³	14 mm	
07087	2	Ø14/200 MID	4590	Armature_Forma_1.png	4590	0	0	32.8	3423.24cm³	14 mm	
07089	6	Ø14/200 MID	4630	Armature_Forma_1.png	4630	0	0	97.2	10090.67cm³	14 mm	
07089	11	Ø14/200 MID	4660	Armature_Forma_1.png	4660	0	0	11.3	1168.95cm³	14 mm	
07092	25	Ø20/200 TOP-BOT (offset 20cm)	2160-7620 A1=228	Armature_Forma_1.png	-varies	0	0	122.3	12603.75cm³	20 mm	
07093	37	Ø14/200 MID	4960	Armature_Forma_1.png	4960	0	0	181.5	18749.18cm³	14 mm	
07096	30	Ø14/200 MID	5320	Armature_Forma_1.png	5320	0	0	156.6	16253.27cm³	14 mm	
07099	9	Ø14/200 MID	5350	Armature_Forma_1.png	5350	0	0	139.1	14354.28cm³	14 mm	
07114	30	Ø20/200 TOP-BOT (offset 20cm)	5260-7080 A1=228	Armature_Forma_1.png	-varies	0	0	55.5	5693.22cm³	20 mm	
07116	45	Ø14/200 MID	1150-1170 A1=228	Armature_Forma_1.png	-varies	0	0	27.3	2839.25cm³	14 mm	
07129	25	Ø14/200 MID	6230	Armature_Forma_1.png	6230	0	0	161.3	16874.46cm³	14 mm	
07121	72	Ø14/200 MID	6360	Armature_Forma_1.png	6360	0	0	457.9	47781.12cm³	14 mm	
07123	42	Ø14/200 MID	240-12750 A1=305	Armature_Forma_1.png	-varies	0	0	272.8	28470.21cm³	14 mm	
07132	33	Ø14/200 MID	1900-11750 A1=308	Armature_Forma_1.png	-varies	0	0	225.1	23492.04cm³	14 mm	
07134	53	Ø14/200 MID	7460	Armature_Forma_1.png	7460	0	0	412.55	42355.85cm³	14 mm	
07135	18	Ø20/200 TOP-BOT (offset 20cm)	7460	Armature_Forma_1.png	7460	0	0	134.3	13894.47cm³	20 mm	
07138	29	Ø14/200 MID	8320-11780 A1=302	Armature_Forma_1.png	-varies	0	0	219.0	22848.24cm³	14 mm	
07140	18	Ø20/200 TOP-BOT (offset 20cm)	7760	Armature_Forma_1.png	7760	0	0	139.7	14380.20cm³	20 mm	
07143	26	Ø20/200 TOP-BOT (offset 20cm)	8240-12060 A1=113	Armature_Forma_1.png	-varies	0	0	212.0	21516.35cm³	20 mm	
07148	30	Ø14/200 MID	6580-10680 A1=172	Armature_Forma_1.png	-varies	0	0	245.4	25605.55cm³	14 mm	
07150	69	Ø14/200 MID	440-15940 A1=228	Armature_Forma_1.png	-varies	0	0	565.2	58978.97cm³	14 mm	
07151	25	Ø20/200 TOP-BOT (offset 20cm)	6430-1080 A1=175	Armature_Forma_1.png	-varies	0	0	294.2	29872.20cm³	20 mm	
07152	16	Ø20/200 TOP-BOT (offset 20cm)	6760-10180 A1=228	Armature_Forma_1.png	-varies	0	0	135.6	13886.14cm³	20 mm	
07154	75	Ø20/200 TOP-BOT (offset 20cm)	8650	Armature_Forma_1.png	8650	0	0	648.8	138149.09cm³	20 mm	
07155	3	Ø14/200 MID	8790	Armature_Forma_1.png	8790	0	0	26.4	2751.55cm³	14 mm	
07156	23	Ø14/200 MID	6500-11330 A1=200	Armature_Forma_1.png	-varies	0	0	209.0	21394.23cm³	14 mm	
07157	74	Ø14/200 MID	600-17210 A1=228	Armature_Forma_1.png	-varies	0	0	658.9	68753.26cm³	14 mm	
07159	19	Ø14/200 MID	9090	Armature_Forma_1.png	9090	0	0	172.7	18021.22cm³	14 mm	
07166	14	Ø20/200 TOP-BOT (offset 20cm)	7660-11720 A1=312	Armature_Forma_1.png	-varies	0	0	135.7	13983.20cm³	20 mm	
07167	15	Ø20/200 TOP-BOT (offset 20cm)	7660-11940 A1=313	Armature_Forma_1.png	-varies	0	0	142.7	14709.96cm³	20 mm	
07168	123	Ø14/200 MID	9730	Armature_Forma_1.png	9730	0	0	1196.8	12487.64cm³	14 mm	
07170	16	Ø20/200 TOP-BOT (offset 20cm)	8170-11590 A1=228	Armature_Forma_1.png	-varies	0	0	158.1	16359.72cm³	20 mm	
07175	18	Ø20/200 TOP-BOT (offset 20cm)	8550-11510 A1=228	Armature_Forma_1.png	-varies	0	0	140.4	145081.85cm³	20 mm	
07176	21	Ø20/200 TOP-BOT (offset 20cm)	8190-11900 A1=186	Armature_Forma_1.png	-varies	0	0	210.9	21612.01cm³	20 mm	
07177	20	Ø20/200 TOP-BOT (offset 20cm)	8340-11840 A1=194	Armature_Forma_1.png	-varies	0	0	214.0	21902.06cm³	20 mm	
07178	37	Ø14/200 MID	10090	Armature_Forma_1.png	10090	0	0	171.3	176394.68cm³	14 mm	
07179	34	Ø20/200 TOP-BOT (offset 20cm)	10020	Armature_Forma_1.png	10020	0	0	247.7	25184.62cm³	20 mm	
07184	9	Ø20/200 TOP-BOT (offset 20cm)	9270-11760 A1=311	Armature_Forma_1.png	-varies	0	0	94.6	10151.29cm³	20 mm	
07194	6	Ø20/200 TOP-BOT (offset 20cm)	10290-11850 A1=312	Armature_Forma_1.png	-varies	0	0	66.4	14139.76cm³	20 mm	
07200	4	Ø14/200 MID	11400	Armature_Forma_1.png	11400	0	0	45.6	4758.08cm³	14 mm	
07208	17	Ø14/200 MID	11820	Armature_Forma_1.png	11820	0	0	209.9	20986.15cm³	14 mm	
07210	76	Ø14/200 MID	11890	Armature_Forma_1.png	11890	0	0	901.6	94289.25cm³	14 mm	
07212	155	Ø14/200 MID	11960	Armature_Forma_1.png	11970	0	0	1955.4	193594.31cm³	14 mm	
07213	18	Ø20/200 TOP-BOT (offset 20cm)	12570	Armature_Forma_1.png	12570	0	0	215.5	21881.42cm³	20 mm	
07217	484	Ø14/200 MID	12000	Armature_Forma_1.png	12000	0	0	980.28	100828.87cm³	14 mm	
07218	670	Ø20/200 TOP-BOT (offset 20cm)	12000	Armature_Forma_1.png	12000	0	0	804.0	1712090.46cm³	20 mm	
07225	1	Ø14/200 MID	15270	Armature_Forma_1.png	15270	0	0	1.3	1593.33cm³	14 mm	
07226	77	Ø14/200 MID	17020	Armature_Forma_1.png	17020	0	0	1130.5	116487.50cm³	14 mm	
REBAR_ID_GROUND LEVEL THEATRE X DIRECTION.CSV	3140							29107.3	426187.27cm³		
REBAR_ID_GROUND LEVEL THEATRE Y DIRECTION.CSV	POS.	N.	REBAR	DIMENSIONS	SHAPE	A	B	C	TOTAL LENGTH [m]	Reinforcement Volume	Bar Diameter
07002	39	Ø20/200	440	Armature_Forma_1.png	440	0	0	17.2	3654.16cm³	20 mm	
07005	1	Ø20/200	810	Armature_Forma_1.png	810	0	0	8.0	172.49cm³	20 mm	
07007	183	Ø20/200	780	Armature_Forma_1.png	780	0	0	142.7	30195.99cm³	20 mm	
07011	20	Ø20/200	90-2500 A1=127	Armature_Forma_1.png	-varies	0	0	25.9	5515.79cm³	20 mm	
07012	6	Ø20/200	1050-1610 A1=112	Armature_Forma_1.png	-varies	0	0	8.0	1697.54cm³	20 mm	
07013	20	Ø20/200	690-3100 A1=127	Armature_Forma_1.png	-varies	0	0	37.9	8063.89cm³	20 mm	
07016	20	Ø20/200	940-2820 A1=127	Armature_Forma_1.png	-varies	0	0	34.6	7418.61cm³	20 mm	
07018	23	Ø20/200	7720	Armature_Forma_03h_135_50mm.png	1000	540	1000	62.5	13115.08cm³	20 mm	
07040	995	Ø20/200	2720	Armature_Forma_03h_135_50mm.png	1000	540	1000	2766.4	57618.61cm³	20 mm	
07041	101	Ø20/200	2770	Armature_Forma_03h_135_50mm.png	1000	540	1000	279.3	5802.20cm³	20 mm	
07042	57	Ø20/200	2720	Armature_Forma_03h_135_50mm.png	1000	540	1000	155.5	33115.54cm³	20 mm	
07043	423	Ø20/200	2730	Armature_Forma_03h_135_50mm.png	1000	540	1000	1154.8	245908.58cm³	20 mm	
07044	23	Ø16/200	2750	Armature_Forma_03h_135_50mm.png	1030	540	1030	63.3	8620.08cm³	16 mm	
07045	57	Ø16/200	2760	Armature_Forma_03h_135_50mm.png	1030	540	1030	157.2	21924.96cm³	16 mm	
07045	389	Ø20/200	2800	Armature_Forma_03h_135_50mm.png	1040	540	1040	1089.2	23191.41cm³	20 mm	
07046	210	Ø20/200	2810	Armature_Forma_1.png	2810	0	0	590.1	125659.72cm³	20 mm	
07046	210	Ø20/200	3970	Armature_Forma_1.png	3970	0	0	707.7	150702.29cm³	20 mm	
07072	16	Ø20/200	3780	Armature_Forma_1.png	3780	0	0	62.5	13879.79cm³	20 mm	
07075	25	Ø20/200	3950	Armature_Forma_1.png	3950	0	0	98.8	21028.48cm³	20 mm	
07075	37	Ø20/200	3960	Armature_Forma_1.png	3960	0	0	146.5	31200.94cm³	20 mm	
07081	43	Ø20/200	4410	Armature_Forma_1.png	4410	0	0	129.2	27834.05cm³	20 mm	
07084	14	Ø20/200	4380	Armature_Forma_1.png	4380	0	0	61.3	13057.85cm³	20 mm	
07090	22	Ø20/200	3430-6100 A1=127	Armature_Forma_1.png	-varies	0	0	104.8	22327.23cm³	20 mm	
07092	11	Ø20/200	4700-5990 A1=128	Armature_Forma_1.png	-varies	0	0	58.7	12510.08cm³	20 mm	
07093	16	Ø20/200	6070-6550 A1=128	Armature_Forma_1.png	-varies	0	0	90.1	18588.97cm³	20 mm	
07106	32	Ø20/200	3970-7930 A1=128	Armature_Forma_1.png	-varies	0	0	190.4	40542.51cm³	20 mm	
07110	4	Ø20/200	6000	Armature_Forma_1.png	6000	0	0	24.0	5110.72cm³	20 mm	
07118	184	Ø20/200	-varies	Armature_Forma_1.png	-varies	0	0	1142.2	242333.01cm³	20 mm	
07127	43	Ø20/200	6590	Armature_Forma_1.png	6590	0	0	281.4	45183.66cm³	14 mm	
07145	1	Ø20/200	8060	Armature_Forma_1.png	8060	0	0	8.1	1716.35cm³	20 mm	
07146	42	Ø20/200	8070	Armature_Forma_1.png	8070	0	0	338.9	72176.11cm³	20 mm	
07174	1	Ø20/200	10010	Armature_Forma_1.png	10010	0	0	10.0	2131.59cm³	20 mm	
07190	11	Ø20/200	12820	Armature_Forma_1.png	12820	0	0	212.0	60959.01cm³	14 mm	
07196	149	Ø20/200	11250	Armature_Forma_1.png							

REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	-7211	18	Ø32/200 TOP-BOT	12460	Armature_Forma_1.png	12470	0	0	244.5	6829.10cm ²	34 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	-7212	34	Ø30/200 ±24/200 BOT ADD	12980	Armature_Forma_1.png	12980	0	0	44.1	21440.56cm ²	30 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0.01	48	Ø30/200 TOP ADD	2500	Armature_Forma_1.png	2500	0	0	120.2	57495.57cm ²	30 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0.02	102	Ø16/200 U	2980	Armature_Forma_03h_135_50mm.png	1000	530	1000	261.2	39084.92cm ²	16 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0.03	477	Ø16/200 U	2980	Armature_Forma_03h_135_50mm.png	420	1560	1500	1215.4	14817.11cm ²	16 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0.04	13	Ø16/200 U	2700	Armature_Forma_03h_135_50mm.png	1050	540	1050	35.1	4783.83cm ²	16 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0.05	615	Ø16/200 U	2790	Armature_Forma_03h_135_50mm.png	1000	740	1000	1715.9	23846.00cm ²	16 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0.06	39	Ø30/200 BOT ADD	3000	Armature_Forma_1.png	3000	0	0	115.8	15849.44cm ²	30 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0.07	179	Ø30/200 TOP ADD	3000	Armature_Forma_1.png	3000	0	0	537.0	11452.31cm ²	20 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0.08	189	Ø30/200 TOP ADD	2990	Armature_Forma_1.png	2990	0	0	565.1	270761.04cm ²	30 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0.10	323	Ø30/200 TOP ADD	3500	Armature_Forma_1.png	3500	0	0	1130.5	541556.23cm ²	30 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0.11	96	Ø30/200 TOP ADD	4000	Armature_Forma_1.png	4000	0	0	368.8	181678.95cm ²	30 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0.12	7	Ø30/200 TOP-BOT	4401-7950 A0-1252	<varies>	<varies>	<varies>	<varies>	0.0	6251.96cm ²	20 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0.16	19	Ø16/200 BOT ADD	4900	Armature_Forma_1.png	4900	0	0	93.1	12688.21cm ²	16 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0.18	13	Ø30/200 TOP-BOT	5640	Armature_Forma_1.png	5640	0	0	73.1	15613.24cm ²	20 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0.19	301	Ø30/200 TOP-BOT	5670	Armature_Forma_1.png	5670	0	0	730.3	363429.25cm ²	20 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0.21	59	Ø30/200 TOP-BOT	6370	Armature_Forma_1.png	6370	0	0	375.8	80031.71cm ²	20 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0.22	63	Ø30/200 TOP-BOT	7850	Armature_Forma_1.png	7850	0	0	494.6	105312.73cm ²	20 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0.22	63	Ø30/200 TOP-BOT	7950	Armature_Forma_1.png	7950	0	0	504.9	10654.29cm ²	20 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0.22	301	Ø30/200 TOP-BOT	7970	Armature_Forma_1.png	7970	0	0	2399.0	516822.60cm ²	20 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0.23	14	Ø30/200 TOP-BOT	7940-9630 A0-130	<varies>	<varies>	<varies>	<varies>	0.0	123.0	26191.72cm ²	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0.24	101	Ø30/200 TOP-BOT	9630	Armature_Forma_1.png	9630	0	0	972.6	20718.23cm ²	20 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0.26	5	Ø30/200 TOP-BOT	10510	Armature_Forma_1.png	10510	0	0	52.1	1150.54cm ²	20 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0.28	54	Ø30/200 TOP-BOT	11010	Armature_Forma_1.png	11010	0	0	594.5	126605.26cm ²	20 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0.30	595	Ø30/200 TOP-BOT	12000	Armature_Forma_1.png	12000	0	0	7140.0	152048.54cm ²	20 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T001	33	Ø14/200 MID	440	Armature_Forma_1.png	440	0	0	14.5	1525.07cm ²	14 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T003	74	Ø14/200 MID	30510	Armature_Forma_1.png	740	0	0	14.1	5119.58cm ²	20 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T004	24	Ø30/200 TOP-BOT	740	Armature_Forma_1.png	740	0	0	54.8	11660.95cm ²	20 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T005	1	Ø20/	810	Armature_Forma_1.png	810	0	0	0.8	172.49cm ²	20 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T006	13	Ø14/200 MID	780	Armature_Forma_1.png	780	0	0	10.1	3058.05cm ²	14 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T006	13	Ø14/200 MID	780	Armature_Forma_1.png	780	0	0	10.1	3058.05cm ²	14 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T008	13	Ø20/200 TOP-BOT	1070	Armature_Forma_1.png	1070	0	0	34.2	7291.29cm ²	20 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T009	5	Ø20/200 TOP-BOT	1540-1790 A0-1112	<varies>	<varies>	<varies>	<varies>	0.0	1237.30cm ²	20 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T016	48	Ø30/200 TOP-BOT	1500	Armature_Forma_1.png	1500	0	0	57.4	15720.00cm ²	20 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T017	8	Ø30/200 TOP-BOT	1590	Armature_Forma_1.png	1590	0	0	58.7	3900.50cm ²	24 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T020	14	Ø14/200 MID	1470-2230 A0-58	<varies>	<varies>	<varies>	<varies>	0.0	2699.38cm ²	14 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T025	5	Ø30/200 TOP-BOT	1730-2640 A0-228	<varies>	<varies>	<varies>	<varies>	0.0	20.9	3148.36cm ²	24 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T027	11	Ø30/200 TOP-BOT (offset 20cm)	1040-8120 A0-228	<varies>	<varies>	<varies>	<varies>	0.0	24.1	3759.26cm ²	24 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T029	32	Ø20/200 TOP-BOT	2230	Armature_Forma_1.png	2230	0	0	71.4	15195.87cm ²	20 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T033	1	Ø30/200 TOP-BOT	2550	Armature_Forma_1.png	2550	0	0	2.6	1221.78cm ²	30 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T035	12	Ø20/200 TOP-BOT (offset 20cm)	1360-3870 A0-228	<varies>	<varies>	<varies>	<varies>	0.0	31.4	6676.01cm ²	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T036	75	Ø30/200 TOP-BOT	2980	Armature_Forma_1.png	2980	0	0	201.9	30783.92cm ²	20 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T047	42	Ø14/200 MID	2840	Armature_Forma_1.png	2840	0	0	10.4	12446.13cm ²	14 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T048	28	Ø14/200 MID	2870	Armature_Forma_1.png	2870	0	0	86.4	8385.07cm ²	14 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T048	69	Ø30/200 TOP-BOT	2840	Armature_Forma_1.png	2840	0	0	190.0	41729.01cm ²	20 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T050	9	Ø30/200 TOP-BOT	2900	Armature_Forma_1.png	2900	0	0	26.1	8003.16cm ²	20 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T051	13	Ø20/200 TOP-BOT	1590-4320 A0-228	<varies>	<varies>	<varies>	<varies>	0.0	38.4	11790.35cm ²	24 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T052	16	Ø14/200 MID	2970	Armature_Forma_1.png	2970	0	0	47.5	4958.42cm ²	14 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T053	16	Ø30/200 TOP-BOT	2950	Armature_Forma_1.png	2950	0	0	47.2	10651.56cm ²	20 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T053	16	Ø30/200 TOP-BOT	2970	Armature_Forma_1.png	2970	0	0	47.5	10119.22cm ²	20 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T054	17	Ø14/200 MID	2980	Armature_Forma_1.png	2980	0	0	50.7	5286.06cm ²	14 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T055	25	Ø20/200 TOP-BOT	320-5790 A0-228	<varies>	<varies>	<varies>	<varies>	0.0	76.4	16243.40cm ²	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T058	1	Ø30/200 TOP-BOT	3130	Armature_Forma_1.png	3130	0	0	3.1	5149.85cm ²	20 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T059	16	Ø14/200 MID	2770-3650 A0-59	<varies>	<varies>	<varies>	<varies>	0.0	51.4	5361.76cm ²	14 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T060	10	Ø20/200 TOP-BOT	2170-4220 A0-228	<varies>	<varies>	<varies>	<varies>	0.0	31.9	9783.89cm ²	24 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T061	14	Ø30/200 TOP-BOT	3420-5320 A0-300	<varies>	<varies>	<varies>	<varies>	0.0	47.2	10053.22cm ²	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T062	17	Ø14/200 MID	3490-5790 A0-303	<varies>	<varies>	<varies>	<varies>	0.0	57.2	38466.37cm ²	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T065	13	Ø14/200 MID	1760-5320 A0-297	<varies>	<varies>	<varies>	<varies>	0.0	46.0	4795.90cm ²	14 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T066	918	Ø24/200 U	3590	Armature_Forma_03h_135_50mm.png	1200	540	1200	3295.6	10105.79cm ²	24 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T067	29	Ø30/200 TOP-BOT	4890-6880 A0-228	<varies>	<varies>	<varies>	<varies>	0.0	106.6	22699.42cm ²	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T068	29	Ø30/200 TOP-BOT	801-1320 A0-302	<varies>	<varies>	<varies>	<varies>	0.0	92.5	18699.56cm ²	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T069	121	Ø24/200 U	3710	Armature_Forma_03h_135_50mm.png	1260	540	1260	448.9	137655.14cm ²	24 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T070	17	Ø14/200 MID	3750	Armature_Forma_1.png	3750	0	0	63.8	6651.92cm ²	14 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T073	24	Ø30/200 TOP-BOT	3900-7460 A0-1122	<varies>	<varies>	<varies>	<varies>	0.0	94.3	9700.48cm ²	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T074	2	Ø14/200 MID	3940	Armature_Forma_1.png	3940	0	0	7.9	822.23cm ²	14 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T076	48	Ø30/200 TOP ADD	4000	Armature_Forma_1.png	4000	0	0	192.0	40885.74cm ²	20 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T077	33	Ø30/200 TOP ADD	4000	Armature_Forma_1.png	4000	0	0	132.0	40476.88cm ²	20 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T078	69	Ø30/200 TOP ADD	4260	Armature_Forma_1.png	4260	0	0	291.9	30768.00cm ²	20 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T083	1	Ø30/200 TOP-BOT	4330	Armature_Forma_1.png	4330	0	0	4.3	922.06cm ²	20 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T085	74	Ø14/200 MID	4560	Armature_Forma_1.png	4560	0	0	337.4	35209.78cm ²	14 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T086	74	Ø30/200 TOP-BOT	4530	Armature_Forma_1.png	4530	0	0	335.2	71381.95cm ²	20 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T087	2	Ø30/200 TOP-BOT	4590	Armature_Forma_1.png	4590	0	0	9.2	4921.94cm ²	20 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T088	2	Ø20/200 TOP-BOT	4590	Armature_Forma_1.png	4590	0	0	2.8	1954.85cm ²	20 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T089	6	Ø14/200 MID	4630	Armature_Forma_1.png	4630	0	0	27.8	2898.67cm ²	14 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T089	11	Ø14/200 MID	4660	Armature_Forma_1.png	4660	0	0	51.3	2862.21cm ²	14 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T092	25	Ø20/200 TOP-BOT (offset 20cm)	2160-7620 A0-228	<varies>	<varies>	<varies>	<varies>	0.0	122.3	20033.75cm ²	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T093	37	Ø14/200 MID	4960	Armature_Forma_1.png	4960	0	0	159.6	19149.18cm ²	14 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T096	30	Ø14/200 MID	5330	Armature_Forma_1.png	5330	0	0	193.6	16653.27cm ²	14 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T097	53	Ø30/200 TOP-BOT	5320	Armature_Forma_1.png	5320	0	0	281.0	60542.12cm ²	20 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T099	26	Ø14/200 MID	5350	Armature_Forma_1.png	5350	0	0	139.1	14514.22cm ²	14 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T101	2	Ø20/200 TOP-BOT	5520	Armature_Forma_1.png	5520	0	0	11.0	2150.93cm ²	20 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T107	34	Ø30/200 TOP-BOT ADD	5960	Armature_Forma_1.png	5960	0	0	206.8	62138.15cm ²	20 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T108	209	Ø30/200 TOP-BOT	5990	<varies>	<varies>	<varies>	<varies>	0.0	242.8	18476.79cm ²	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T109	413	Ø30/200 TOP ADD	6000	Armature_Forma_1.png	6000	0	0	2478.0	1187283.83cm ²	30 mm	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T111	25	Ø30/200 TOP-BOT	1340-8800 A0-228	<varies>	<varies>	<varies>	<varies>	0.0	157.3	46513.69cm ²	24 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T114	9	Ø30/200 TOP-BOT (offset 20cm)	6260-7880 A0-228	<varies>	<varies>	<varies>	<varies>	0.0	25.8	18459.27cm ²	24 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T115	45	Ø14/200 MID	5150-1170 A0-228	<varies>	<varies>	<varies>	<varies>	0.0	277.3	28934.25cm ²	14 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	0T117											

REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	2-118	38	Ø16/200 TOP-BOT	7660	Armature_Forma_1.png	7660	0	0	291.1	39670.08cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	2-119	10	Ø16/200 TOP-BOT	324012290 Ø1006	Armature_Forma_1.png	<varies>	0	0	77.7	10584.63cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	2-122	61	Ø16/200 TOP-BOT	8190	Armature_Forma_1.png	8190	0	0	499.6	68087.03cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	2-129	17	Ø16/200 TOP-BOT	8630	Armature_Forma_1.png	8630	0	0	146.7	19994.49cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	2-130	22	Ø16/200 TOP-BOT	8670	Armature_Forma_1.png	8670	0	0	190.7	25995.96cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	2-133	24	Ø16/200 TOP-BOT	9060	Armature_Forma_1.png	9060	0	0	217.4	29633.99cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	2-136	84	Ø16/200 BOT ADD	10370	Armature_Forma_1.png	10370	0	0	866.9	118143.46cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	2-139	10	Ø16/200 TOP-BOT	10370	Armature_Forma_1.png	<varies>	0	0	107.9	14439.65cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	2-140	53	Ø16/200 TOP-BOT	10910	Armature_Forma_1.png	10910	0	0	578.2	78804.54cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	2-142	6	Ø16/200 TOP-BOT	11100	Armature_Forma_1.png	11100	0	0	66.6	9076.63cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	2-143	32	Ø16/200 TOP-BOT	11320	Armature_Forma_1.png	11320	0	0	362.2	49368.17cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	2-145	20	Ø16/200 TOP-BOT	11360	Armature_Forma_1.png	11360	0	0	217.8	29465.27cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	2-150	77	Ø16/200 TOP-BOT	11950	Armature_Forma_1.png	11950	0	0	920.2	125403.38cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	2-151	286	Ø16/200 TOP-BOT	12000	Armature_Forma_1.png	12000	0	0	3432.0	467732.89cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	2-152	78	Ø16/200 TOP-BOT	12250	Armature_Forma_1.png	12250	0	0	955.5	130221.09cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	2-154	12	Ø16/200 TOP-BOT	13410	Armature_Forma_1.png	13410	0	0	160.3	2152.86cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	3-01	5	Ø24/200 TOP ADD	1120	Armature_Forma_1.png	1120	0	0	5.6	7317.20cm ³	24 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	3-02	4	Ø24/200 TOP ADD	1320	Armature_Forma_1.png	1320	0	0	5.3	1619.08cm ³	24 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	3-03	30	Ø16/200 TOP-BOT	1360	Armature_Forma_1.png	1360	0	0	40.8	5560.46cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	3-04	20	Ø16/200 TOP-BOT	1400	Armature_Forma_1.png	1400	0	0	32.4	4388.26cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	3-05	3	Ø24/200 TOP ADD	1470	Armature_Forma_1.png	1470	0	0	4.4	1352.30cm ³	24 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	3-07	6	Ø24/200 TOP ADD	1700	Armature_Forma_1.png	1700	0	0	10.2	3127.76cm ³	24 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	3-10	506	Ø16/200 U	1900	Armature_Forma_03h_135_50mm.png	800	340	800	1006.9	137231.63cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	3-11	9	Ø24/200 TOP ADD	2030	Armature_Forma_1.png	2030	0	0	18.3	5062.37cm ³	24 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	3-12	183	Ø16/200 TOP-BOT	2040	Armature_Forma_1.png	2040	0	0	37.3	50878.22cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	3-13	76	Ø16/200 U	2180	Armature_Forma_03h_135_50mm.png	1500	140	1000	165.7	22380.39cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	3-15	10	Ø24/200 TOP ADD	2450	Armature_Forma_1.png	2450	0	0	24.5	7512.76cm ³	24 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	3-17	39	Ø20/200 TOP-BOT	2980	Armature_Forma_1.png	2980	0	0	116.2	24748.65cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	3-20	15	Ø24/200 TOP ADD	3120	Armature_Forma_1.png	3120	0	0	46.8	14550.89cm ³	24 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	3-22	11	Ø16/200 BOT ADD	4000	Armature_Forma_1.png	4000	0	0	78.8	10657.89cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	3-23	18	Ø16/200 TOP-BOT	4100	Armature_Forma_1.png	4100	0	0	110.7	15057.89cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	3-25	40	Ø20/200 TOP-BOT	4470	Armature_Forma_1.png	4470	0	0	178.8	38074.85cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	3-26	9	Ø16/200 TOP-BOT	4770-Ø760 Ø1061	Armature_Forma_1.png	<varies>	0	0	40.5	5518.25cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	3-27	9	Ø16/200 TOP-BOT	720-Ø770 Ø1006	Armature_Forma_1.png	<varies>	0	0	47.7	5818.52cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	3-28	11	Ø16/200 TOP-BOT	40-Ø910 Ø1087	Armature_Forma_1.png	<varies>	0	0	54.7	7454.55cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	3-32	14	Ø16/200 BOT ADD	5500	Armature_Forma_1.png	5500	0	0	77.0	10494.01cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	3-34	12	Ø16/200 TOP ADD	5520	Armature_Forma_1.png	5520	0	0	69.2	9246.27cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	3-35	11	Ø16/200 TOP-BOT	1410-11470 Ø1061	Armature_Forma_1.png	<varies>	0	0	69.0	9408.11cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	3-36	11	Ø16/200 TOP-BOT	1230-11470 Ø1024	Armature_Forma_1.png	<varies>	0	0	69.6	9486.92cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	3-37	5	Ø16/200 TOP-BOT	6680	Armature_Forma_1.png	6680	0	0	33.4	4551.95cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	3-47	14	Ø16/200 TOP-BOT	9450	Armature_Forma_1.png	9450	0	0	120.3	13056.56cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	3-48	39	Ø16/200 TOP-BOT	10540	Armature_Forma_1.png	10540	0	0	118.8	16021.65cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	3-49	32	Ø16/200 TOP-BOT	11480	Armature_Forma_1.png	11480	0	0	367.4	50065.95cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	3-53	59	Ø16/200 TOP-BOT	12000	Armature_Forma_1.png	12000	0	0	708.0	96490.35cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	3-55	20	Ø16/200 TOP-BOT	13970	Armature_Forma_1.png	13970	0	0	279.0	38078.76cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	4-46	111	Ø16/200 TOP-BOT	8970	Armature_Forma_1.png	8970	0	0	955.7	135955.69cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-001	8	Ø20/200 BOT ADD	750	Armature_Forma_1.png	750	0	0	6.0	1277.68cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-004	3	Ø20/200 TOP ADD	360-1610 Ø1025	Armature_Forma_1.png	<varies>	0	0	3.0	4030.86cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-006	6	Ø16/200 TOP-BOT	1120	Armature_Forma_1.png	1120	0	0	6.7	915.84cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-009	95	Ø16/200 TOP ADD	1250	Armature_Forma_1.png	1250	0	0	118.8	16183.94cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-011	3	Ø20/200 TOP ADD	1320	Armature_Forma_1.png	1320	0	0	4.0	843.27cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-012	76	Ø16/200 U	2180	Armature_Forma_03h_135_50mm.png	1500	140	1000	165.7	22380.39cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-019	22	Ø20/200 TOP ADD	1580	Armature_Forma_1.png	1580	0	0	34.8	7402.03cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-019	24	Ø20/200 TOP ADD	1600	Armature_Forma_1.png	1600	0	0	38.4	8177.15cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-020	16	Ø20/200 TOP ADD	1650	Armature_Forma_1.png	1620	0	0	25.9	5515.58cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-021	144	Ø16/200 U	2460	Armature_Forma_03h_135_50mm.png	1700	240	800	244.0	32042.92cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-023	10	Ø20/200 TOP ADD	1710	Armature_Forma_1.png	1710	0	0	17.1	3641.38cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-027	19	Ø16/200 U	1920	Armature_Forma_03h_135_50mm.png	770	340	770	36.5	4971.71cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-030	433	Ø16/200 U	1990	Armature_Forma_03h_135_50mm.png	800	290	800	440.0	58142.80cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-030	201	Ø16/200 U	1990	Armature_Forma_03h_135_50mm.png	800	340	800	400.0	54512.96cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-033	77	Ø16/200 TOP ADD	2000	Armature_Forma_1.png	2000	0	0	154.0	20988.02cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-034	19	Ø20/200 <varies>	<varies>	Armature_Forma_1.png	<varies>	0	0	78.1	8115.39cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-036	6	Ø16/200 TOP ADD	2100	Armature_Forma_1.png	2100	0	0	11.0	2127.20cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-037	36	Ø16/200 TOP ADD	2150	Armature_Forma_1.png	2150	0	0	37.4	10548.52cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-040	3	Ø20/200 TOP ADD	2230	Armature_Forma_1.png	2230	0	0	6.7	1424.62cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-043	139	Ø20/200 TOP-BOT	2340	Armature_Forma_1.png	2340	0	0	325.3	69263.00cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-044	17	Ø16/200 TOP-BOT	2380	Armature_Forma_03h_135_50mm.png	1000	340	1000	159.3	19356.16cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-045	20	Ø20/200 TOP ADD	<varies>	Armature_Forma_1.png	<varies>	0	0	48.1	10242.73cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-046	35	Ø16/200 TOP ADD	2500	Armature_Forma_1.png	2500	0	0	87.5	11925.01cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-048	380	Ø20/200 U	2580	Armature_Forma_03h_135_50mm.png	1000	540	1000	980.4	20872.82cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-049	12	Ø20/200 TOP ADD	2610	Armature_Forma_1.png	2610	0	0	11.0	2127.20cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-050	37	Ø20/200 TOP ADD	2650	Armature_Forma_1.png	2650	0	0	38.1	20879.41cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-051	76	Ø20/200 TOP ADD	2750	Armature_Forma_1.png	2750	0	0	209.0	44655.84cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-053	34	Ø16/200 TOP-BOT	2800	Armature_Forma_1.png	2800	0	0	34.0	10204.25cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-055	11	Ø16/200 TOP ADD	3350	Armature_Forma_1.png	3350	0	0	35.0	5022.13cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-060	66	Ø20/200 TOP-BOT	3350	Armature_Forma_1.png	3350	0	0	231.2	47082.49cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-061	40	Ø20/200 TOP-BOT	3380	Armature_Forma_1.png	3380	0	0	125.1	28790.38cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-070	12	Ø16/200 TOP-BOT	4400-Ø730 Ø1587	Armature_Forma_1.png	<varies>	0	0	52.5	7152.24cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-073	12	Ø16/200 TOP-BOT	4490	Armature_Forma_1.png	4490	0	0	53.9	7343.08cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-075	101	Ø16/200 BOT ADD	4750	Armature_Forma_1.png	4750	0	0	479.8	65383.12cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-076	9	Ø16/200 TOP-BOT	1740-Ø210 Ø1785	Armature_Forma_1.png	<varies>	0	0	44.0	5993.58cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-077	11	Ø16/200 TOP-BOT	1800-Ø1000 Ø1921	Armature_Forma_1.png	<varies>	0	0	56.0	77044.39cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-078	12	Ø16/200 TOP-BOT	360-1030 Ø1909	Armature_Forma_1.png	<varies>	0	0	64.3	8763.16cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-079	12	Ø16/200 TOP-BOT	440-1040 Ø1910	Armature_Forma_1.png	<varies>	0	0	65.4	8907.26cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-080	10	Ø16/200 TOP-BOT	1110-Ø980 Ø1910	Armature_Forma_1.png	<varies>	0	0	55.0	7548.21cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-081	17	Ø16/200 TOP-BOT	5530	Armature_Forma_1.png	5530	0	0	94.0	12812.23cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-082	18	Ø16/200 TOP-BOT	5610	Armature_Forma_1.png	5610	0	0	101.0	13762.14cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-085	12	Ø16/200 TOP-BOT	1130-11230 Ø1918	Armature_Forma_1.png	<varies>	0	0	74.1	10103.33cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-088	18	Ø16/200 TOP-BOT	6280	Armature_Forma_1.png	6280	0	0	112.0	15127.20cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	5-088	14	Ø16/200 TOP-BOT	1290-11640 Ø1796	Armature_Forma_1.png	<varies>	0				

REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	L4-14	379	Ø16/200 U	1990	Armature_Forma_03h_135_50mm.png	800	340	800	754.2	102788.12cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	L4-15	24	Ø20/200 TOP ADD	2020	Armature_Forma_1.png	2030	0	0	48.7	10374.76cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	L4-16	2	Ø20/200 TOP ADD	2070	Armature_Forma_1.png	2070	0	0	41.7	881.60cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	L4-17	139	Ø20/200 TOP-BOT	2070	Armature_Forma_1.png	2070	0	0	283.7	39213.52cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	L4-18	7	Ø20/200 BOT ADD	2240	Armature_Forma_1.png	2240	0	0	45.2	954.00cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	L4-19	27	Ø20/200 U	2340	Armature_Forma_03h_135_50mm.png	980	340	980	63.2	13453.96cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	L4-20	8	Ø20/200 U	2380	Armature_Forma_03h_135_50mm.png	1000	340	1000	19.2	41558.65cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	L4-21	11	Ø20/200 TOP ADD	2380	Armature_Forma_1.png	2380	0	0	26.3	5498.37cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	L4-22	11	Ø20/200 U	2580-2620 ai=8	Armature_Forma_03h_135_50mm.png	<varies>	540	<varies>	15.6	3322.21cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	L4-27	12	Ø20/200 BOT ADD	2610	Armature_Forma_1.png	2610	0	0	31.3	6669.49cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	L4-28	43	Ø20/200 TOP ADD	<varies>	Armature_Forma_1.png	<varies>	0	0	113.8	24239.71cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	L4-29	14	Ø16/200 BOT ADD	2720	Armature_Forma_1.png	2720	0	0	38.1	8189.76cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	L4-36	10	Ø16/200 TOP-BOT	460-9510 ai=1006	Armature_Forma_1.png	<varies>	0	0	49.8	6792.83cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	L4-40	11	Ø16/200 TOP-BOT	810-10860 ai=1005	Armature_Forma_1.png	<varies>	0	0	64.2	8750.38cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	L4-41	29	Ø16/200 TOP-BOT	5860	Armature_Forma_1.png	5860	0	0	169.9	23160.41cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	L4-42	10	Ø16/200 TOP-BOT	5860	Armature_Forma_1.png	5860	0	0	60.1	8290.52cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	L4-43	11	Ø16/200 TOP-BOT	1300-10830 ai=953	Armature_Forma_1.png	<varies>	0	0	66.7	9088.27cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	L4-44	11	Ø16/200 TOP-BOT	1610-11450 ai=984	Armature_Forma_1.png	<varies>	0	0	71.9	9793.00cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	L4-45	7	Ø16/200 TOP-BOT	4520-10280 ai=960	Armature_Forma_1.png	<varies>	0	0	51.8	7060.38cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	L4-47	29	Ø16/200 TOP-BOT	7850	Armature_Forma_1.png	7850	0	0	227.7	31020.57cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	L4-48	24	Ø16/200 TOP-BOT	7880	Armature_Forma_1.png	7880	0	0	189.1	25774.37cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	L4-49	7	Ø16/200 TOP-BOT	6320-30740 ai=770	Armature_Forma_1.png	<varies>	0	0	59.0	8043.10cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	L4-50	6	Ø16/200 TOP-BOT	6370-10390 ai=704	Armature_Forma_1.png	<varies>	0	0	51.8	7055.39cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	L4-51	111	Ø16/200 TOP-BOT	8970	Armature_Forma_1.png	8970	0	0	995.7	135695.69cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	L4-54	5	Ø16/200 TOP-BOT	9580	Armature_Forma_1.png	9580	0	0	47.9	6528.09cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	L4-55	23	Ø16/200 TOP-BOT	10950	Armature_Forma_1.png	10950	0	0	251.9	34323.58cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	L4-56	5	Ø16/200 TOP-BOT	11110	Armature_Forma_1.png	11110	0	0	55.6	7529.41cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	L4-57	92	Ø16/200 TOP-BOT	11200	Armature_Forma_1.png	11200	0	0	100.4	140428.89cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	L4-63	4	Ø16/200 TOP-BOT	11640	Armature_Forma_1.png	11640	0	0	46.6	6345.46cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	L4-64	46	Ø16/200 TOP-BOT	12000	Armature_Forma_1.png	12000	0	0	552.0	75229.72cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-001	20	Ø20/200 BOT ADD	1250	Armature_Forma_1.png	1250	0	0	21.9	4642.50cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-006	138	Ø16/200 U	1990	Armature_Forma_03h_135_50mm.png	800	340	800	274.6	37426.81cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-009	138	Ø16/200 U	2190	Armature_Forma_03h_135_50mm.png	800	340	800	302.2	41188.30cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-010	20	Ø20/200 BOT ADD	2230	Armature_Forma_1.png	2230	0	0	24.3	2958.03cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-014	226	Ø20/200 U	2580	Armature_Forma_03h_135_50mm.png	1000	340	1000	583.1	124164.89cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-016	226	Ø20/200 U	2680	Armature_Forma_03h_135_50mm.png	1000	340	1000	605.7	128977.48cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-022	30	Ø16/200 TOP-BOT	1000-4990 ai=285	Armature_Forma_1.png	<varies>	0	0	89.9	12247.16cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-023	22	Ø16/200 TOP-BOT	1170-9890 ai=1147	Armature_Forma_1.png	<varies>	0	0	80.0	11242.37cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-031	80	Ø16/200 TOP-BOT	3940	Armature_Forma_02_50.png	3140	0	800	315.2	42957.29cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-038	50	Ø16/200 TOP-BOT	1010-7390 ai=266	Armature_Forma_1.png	<varies>	0	0	210.1	28632.61cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-039	74	Ø20/200 TOP ADD	4210	Armature_Forma_1.png	4210	0	0	311.5	66141.38cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-043	95	Ø20/200 TOP ADD	4450	Armature_Forma_1.png	4450	0	0	327.0	69433.96cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-044	11	Ø30/200 BOT ADD	4510	Armature_Forma_1.png	4510	0	0	49.6	23769.63cm ³	30 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-046	11	Ø30/200 BOT ADD	4530	Armature_Forma_1.png	4530	0	0	49.8	23875.04cm ³	30 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-047	113	Ø20/200 BOT ADD	4720	Armature_Forma_1.png	4720	0	0	533.4	25548.67cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-048	41	Ø20/200 TOP ADD	4750	Armature_Forma_1.png	4750	0	0	349.8	39110.57cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-050	8	Ø16/200 TOP-BOT	4990	Armature_Forma_1.png	4990	0	0	39.9	5440.53cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-052	10	Ø16/200 TOP-BOT	2260-8010 ai=1438	Armature_Forma_02_28.png	<varies>	800	0	51.3	6998.07cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-056	24	Ø16/200 TOP-BOT	1370-9130 ai=728	Armature_Forma_02_38.png	<varies>	0	800	127.8	17355.39cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-057	113	Ø20/200 BOT ADD	5360	Armature_Forma_1.png	5360	0	0	605.7	128977.48cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-059	41	Ø20/200 BOT ADD	5530	Armature_Forma_1.png	5530	0	0	226.7	48281.38cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-062	12	Ø16/200 TOP-BOT	2140-9270 ai=1426	Armature_Forma_1.png	<varies>	0	0	68.5	9330.52cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-063	16	Ø16/200 TOP-BOT	1170-9890 ai=1147	Armature_Forma_02_38.png	<varies>	0	800	92.6	12555.41cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-064	41	Ø20/200 TOP ADD	5900	Armature_Forma_1.png	5900	0	0	241.9	51511.78cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-065	86	Ø16/200 TOP-BOT	0-11970 ai=285	Armature_Forma_1.png	<varies>	0	0	514.8	70157.42cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-066	34	Ø16/200 TOP-BOT	130-13950 ai=746	Armature_Forma_1.png	<varies>	0	0	205.0	27945.10cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-067	8	Ø16/200 TOP-BOT	1440-10640 ai=602	Armature_Forma_1.png	<varies>	0	0	171.9	23421.42cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-068	20	Ø16/200 TOP-BOT	990-11320 ai=148	Armature_Forma_1.png	<varies>	0	0	123.0	16767.32cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-069	88	Ø16/200 TOP-BOT	520-11740 ai=261	Armature_Forma_1.png	<varies>	0	0	539.4	7308.81cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-070	22	Ø16/200 TOP-BOT	1638-10810 ai=918	Armature_Forma_1.png	<varies>	0	0	184.3	26520.56cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-071	22	Ø16/200 TOP-BOT	590-12020 ai=1426	Armature_Forma_1.png	<varies>	0	0	18.3	15446.95cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-072	73	Ø24/200 TOP ADD	<varies>	Armature_Forma_1.png	<varies>	0	0	467.6	143374.03cm ³	24 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-073	26	Ø16/200 TOP-BOT	1280-11640 ai=863	Armature_Forma_1.png	<varies>	0	0	107.9	22880.77cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-074	148	Ø20/200 TOP ADD	6450	Armature_Forma_1.png	6450	0	0	954.6	129453.30cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-076	16	Ø20/200 TOP-BOT	6500	Armature_Forma_1.png	6500	0	0	104.0	22146.44cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-077	24	Ø16/200 TOP-BOT	1640-11550 ai=901	Armature_Forma_1.png	<varies>	0	0	158.3	21569.35cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-082	18	Ø16/200 TOP-BOT	2410-11600 ai=149	Armature_Forma_1.png	<varies>	0	0	126.1	17181.38cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-083	28	Ø16/200 TOP-BOT	3230-9890 ai=279	Armature_Forma_1.png	<varies>	0	0	197.0	42943.96cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-093	110	Ø20/200 TOP-BOT	7920	Armature_Forma_1.png	7920	0	0	87.2	18515.95cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-099	8	Ø16/200 TOP-BOT	8660-9590 ai=310	Armature_Forma_1.png	<varies>	0	0	73.0	9944.43cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-100	32	Ø16/200 TOP-BOT	8640	Armature_Forma_02_28.png	8640	800	0	302.1	41169.22cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-101	96	Ø16/200 TOP-BOT	9160	Armature_Forma_02_28.png	9160	800	0	577.8	78219.61cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-105	58	Ø20/200 BOT ADD	10430	Armature_Forma_1.png	10430	0	0	542.4	115493.70cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-107	48	Ø16/200 TOP-BOT	10670	Armature_Forma_02_23.png	9870	0	800	512.2	69800.14cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-110	6	Ø16/200 TOP-BOT	11500	Armature_Forma_1.png	11500	0	0	69.6	14916.27cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-112	110	Ø20/200 TOP-BOT	11970	Armature_Forma_1.png	11970	0	0	1316.7	280386.75cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-113	22	Ø30/200 BOT ADD	<varies>	Armature_Forma_1.png	<varies>	0	0	263.9	126437.56cm ³	30 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-114	248	Ø16/200 TOP-BOT	12000	Armature_Forma_1.png	12000	0	0	2976.0	40588.56cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-115	251	Ø20/200 TOP-BOT	12000	Armature_Forma_1.png	12000	0	0	302.0	41169.22cm ³	16 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-116	35	Ø20/200 BOT ADD	12250	Armature_Forma_1.png	12250	0	0	428.8	51900.85cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-117	42	Ø20/200 BOT ADD	14500	Armature_Forma_1.png	14500	0	0	609.0	129684.46cm ³	20 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	R-118	20	Ø30/200 TOP ADD	14500	Armature_Forma_1.png	14500	0	0	290.0	138947.44cm ³	30 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	40254								31190.9	682998.37cm ³	
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	POS.	N.	REBAR	DIMENSIONS	SHAPE	A	B	C	TOTAL LENGTH [m]	Reinforcement Volume	Bar Diameter
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	L1-01	2	Ø26/200 TOP ADD	620	Armature_Forma_1.png	620	0	0	1.2	446.25cm ³	26 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	L1-02	8	Ø26/200 TOP ADD	900	Armature_Forma_1.png	900	0	0	1.8	647.78cm ³	26 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	L1-04	13	Ø26/200 TOP ADD	1400	Armature_Forma_1.png	1400	0	0	2.8	1029.36cm ³	26 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	L1-09	7	Ø26/200 TOP ADD	1500	Armature_Forma_1.png	1500	0	0	10.5	3778.74cm ³	26 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv	L1-17	11	Ø26/200 TOP ADD	2250	Armature_Forma_1.png	2250	0	0	24.8	8907.03cm ³	26 mm
REBAR_L1_UNDERSTAGE LEVEL_ADDITIONAL X DIRECTION.csv											

REBAR_L4_CHANGING ROOM LEVEL_X DIRECTION.csv	L4-57	92	Ø16/200 TOP-BOT	11200	Armature_Forma_1.png	11200	0	0	1030.4	140428.89m³	16 mm
REBAR_L4_CHANGING ROOM LEVEL_Y DIRECTION.csv	L4-63	4	Ø16/200 TOP-BOT	11640	Armature_Forma_1.png	11640	0	0	46.6	6345.46m³	16 mm
REBAR_L4_CHANGING ROOM LEVEL_X DIRECTION.csv	L4-64	46	Ø16/200 TOP-BOT	12000	Armature_Forma_1.png	12000	0	0	552.0	75229.72m³	16 mm
REBAR_L4_CHANGING ROOM LEVEL_X DIRECTION.csv		1186							5575.0	78066.23m³	
REBAR_L4_CHANGING ROOM LEVEL_Y DIRECTION.csv		xx									
REBAR_L4_CHANGING ROOM LEVEL_Y DIRECTION.csv		N.	REBAR	DIMENSIONS	SHAPE	A	B	C	TOTAL LENGTH [m]	Reinforcement Volume	Bar Diameter
REBAR_L4_CHANGING ROOM LEVEL_Y DIRECTION.csv				LENGTH							
REBAR_L4_CHANGING ROOM LEVEL_Y DIRECTION.csv	L4-04	26	Ø16/200 TOP-BOT	760-1730 A0-39	Armature_Forma_1.png	<varies>	0	0	32.5	4424.69m³	16 mm
REBAR_L4_CHANGING ROOM LEVEL_Y DIRECTION.csv	L4-09	18	Ø16/200 TOP-BOT	1030-2610 A0-93	Armature_Forma_1.png	<varies>	0	0	32.8	4464.59m³	16 mm
REBAR_L4_CHANGING ROOM LEVEL_Y DIRECTION.csv	L4-11	45	Ø16/200 TOP-BOT	1010-2720 A0-39	Armature_Forma_1.png	<varies>	0	0	83.8	11425.39m³	16 mm
REBAR_L4_CHANGING ROOM LEVEL_Y DIRECTION.csv	L4-12	18	Ø16/200 TOP-BOT	1150-2610 A0-86	Armature_Forma_1.png	<varies>	0	0	33.1	4423.72m³	16 mm
REBAR_L4_CHANGING ROOM LEVEL_Y DIRECTION.csv	L4-13	82	Ø16/200 U	1940	Armature_Forma_03h_135_50mm.png	800	290	800	159.1	21680.35m³	16 mm
REBAR_L4_CHANGING ROOM LEVEL_Y DIRECTION.csv	L4-14	607	Ø16/200 U	1990	Armature_Forma_03h_135_50mm.png	800	340	800	1207.9	164623.72m³	16 mm
REBAR_L4_CHANGING ROOM LEVEL_Y DIRECTION.csv	L4-20	15	Ø20/200 U	2380	Armature_Forma_03h_135_50mm.png	1000	340	1000	35.7	7602.20m³	20 mm
REBAR_L4_CHANGING ROOM LEVEL_Y DIRECTION.csv	L4-26	31	Ø20/200 U	1990	Armature_Forma_03h_135_50mm.png	1000	340	1000	85.1	18130.29m³	20 mm
REBAR_L4_CHANGING ROOM LEVEL_Y DIRECTION.csv	L4-30	43	Ø16/200 BOT ADD	3500	Armature_Forma_1.png	<varies>	0	0	150.5	20511.01m³	16 mm
REBAR_L4_CHANGING ROOM LEVEL_Y DIRECTION.csv	L4-33	7	Ø16/200 TOP-BOT	4530-4990 A0-75	Armature_Forma_1.png	<varies>	0	0	33.3	4538.84m³	16 mm
REBAR_L4_CHANGING ROOM LEVEL_Y DIRECTION.csv	L4-34	25	Ø16/200 TOP-BOT	4280-5230 A0-40	Armature_Forma_1.png	<varies>	0	0	119.0	16215.46m³	16 mm
REBAR_L4_CHANGING ROOM LEVEL_Y DIRECTION.csv	L4-35	11	Ø16/200 TOP-BOT	4830-4930 A0-39	Armature_Forma_1.png	<varies>	0	0	53.1	7236.25m³	16 mm
REBAR_L4_CHANGING ROOM LEVEL_Y DIRECTION.csv	L4-37	7	Ø16/200 TOP-BOT	4980-5420 A0-73	Armature_Forma_1.png	<varies>	0	0	36.4	4964.79m³	16 mm
REBAR_L4_CHANGING ROOM LEVEL_Y DIRECTION.csv	L4-39	26	Ø16/200 TOP-BOT	5050-6040 A0-40	Armature_Forma_1.png	<varies>	0	0	144.1	19637.34m³	16 mm
REBAR_L4_CHANGING ROOM LEVEL_Y DIRECTION.csv	L4-46	17	Ø16/200 TOP-BOT	7360-7980 A0-39	Armature_Forma_1.png	<varies>	0	0	138.4	17776.52m³	16 mm
REBAR_L4_CHANGING ROOM LEVEL_Y DIRECTION.csv	L4-52	33	Ø16/200 TOP-BOT	8350-9610 A0-39	Armature_Forma_1.png	<varies>	0	0	296.3	40275.57m³	16 mm
REBAR_L4_CHANGING ROOM LEVEL_Y DIRECTION.csv	L4-53	34	Ø16/200 TOP-BOT	8480-9780 A0-39	Armature_Forma_1.png	<varies>	0	0	310.4	42305.20m³	16 mm
REBAR_L4_CHANGING ROOM LEVEL_Y DIRECTION.csv	L4-58	30	Ø16/200 TOP-BOT	10680-11800 A0-39	Armature_Forma_1.png	<varies>	0	0	337.2	45956.72m³	16 mm
REBAR_L4_CHANGING ROOM LEVEL_Y DIRECTION.csv	L4-59	28	Ø16/200 TOP-BOT	10950-11890 A0-39	Armature_Forma_1.png	<varies>	0	0	319.8	42393.16m³	16 mm
REBAR_L4_CHANGING ROOM LEVEL_Y DIRECTION.csv	L4-60	39	Ø16/200 TOP-BOT	11400	Armature_Forma_1.png	11400	0	0	444.6	60592.67m³	16 mm
REBAR_L4_CHANGING ROOM LEVEL_Y DIRECTION.csv	L4-61	44	Ø16/200 TOP-BOT	11570	Armature_Forma_1.png	11570	0	0	509.1	69380.38m³	16 mm
REBAR_L4_CHANGING ROOM LEVEL_Y DIRECTION.csv	L4-62	11	Ø16/200 TOP-BOT	13440-13840 A0-40	Armature_Forma_1.png	<varies>	0	0	128.0	17469.96m³	16 mm
REBAR_L4_CHANGING ROOM LEVEL_Y DIRECTION.csv	L4-64	109	Ø16/200 TOP-BOT	12000	Armature_Forma_1.png	12000	0	0	1212.0	165178.40m³	16 mm
REBAR_L4_CHANGING ROOM LEVEL_Y DIRECTION.csv		1300								812488.45m³	
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv											
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv		N.	REBAR	DIMENSIONS	SHAPE	A	B	C	TOTAL LENGTH [m]	Reinforcement Volume	Bar Diameter
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv				LENGTH							
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-001	8	Ø20/200 BOT ADD	750	Armature_Forma_1.png	750	0	0	6.0	1277.68m³	20 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-009	95	Ø16/200 TOP ADD	1250	Armature_Forma_1.png	1250	0	0	118.8	16255.84m³	16 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-011	3	Ø20/200 TOP ADD	1320	Armature_Forma_1.png	1320	0	0	4.0	843.27m³	20 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-020	16	Ø20/200 TOP ADD	1650	Armature_Forma_1.png	1620	0	0	25.9	5519.58m³	20 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-023	10	Ø20/200 TOP ADD	1710	Armature_Forma_1.png	1710	0	0	17.1	3641.38m³	20 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-033	77	Ø16/200 TOP ADD	1730	Armature_Forma_1.png	1730	0	0	154.0	20988.26m³	16 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-034	19	Ø20/200 <varies>	<varies>	Armature_Forma_1.png	<varies>	0	0	81.5	1717.20m³	20 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-036	6	Ø16/200 TOP ADD	2100	Armature_Forma_1.png	2100	0	0	72.6	15120.00m³	16 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-037	36	Ø16/200 TOP ADD	2150	Armature_Forma_1.png	2150	0	0	174.4	30548.52m³	16 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-040	13	Ø20/200 TOP ADD	2230	Armature_Forma_1.png	2230	0	0	62.7	13242.56m³	20 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-045	20	Ø20/200 TOP ADD	<varies>	Armature_Forma_1.png	<varies>	0	0	87.5	10242.73m³	20 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-046	35	Ø16/200 TOP ADD	2500	Armature_Forma_1.png	2500	0	0	87.5	11925.01m³	16 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-049	12	Ø20/200 TOP ADD	2650	Armature_Forma_1.png	2650	0	0	21.3	4669.48m³	20 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-051	76	Ø20/200 TOP ADD	2750	Armature_Forma_1.png	2750	0	0	209.0	44505.84m³	20 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-053	34	Ø16/200 BOT ADD	3000	Armature_Forma_1.png	3000	0	0	102.0	13901.15m³	16 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-059	11	Ø16/200 TOP ADD	3350	Armature_Forma_1.png	3350	0	0	36.9	5022.13m³	16 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-075	13	Ø16/200 TOP ADD	4750	Armature_Forma_1.png	4750	0	0	217.6	45183.16m³	16 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-119	18	Ø16/200 TOP ADD	12090	Armature_Forma_1.png	12090	0	0	217.6	29658.52m³	16 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv		580							1672.7	257567.57m³	
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv											
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv		N.	REBAR	DIMENSIONS	SHAPE	A	B	C	TOTAL LENGTH [m]	Reinforcement Volume	Bar Diameter
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv				LENGTH							
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-002	124	Ø16/200 TOP ADD	760	Armature_Forma_1.png	760	0	0	94.2	12843.58m³	16 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-005	78	Ø16/200 TOP ADD	1000	Armature_Forma_1.png	1000	0	0	78.0	10630.29m³	16 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-010	15	Ø16/200 BOT ADD	1300	Armature_Forma_1.png	1300	0	0	19.5	2657.57m³	16 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-013	16	Ø20/200 TOP ADD	1500	Armature_Forma_1.png	1500	0	0	24.0	31499.11m³	20 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-014	148	Ø16/200 TOP ADD	1500	Armature_Forma_1.png	1500	0	0	222.8	30289.62m³	16 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-015	4	Ø24/200 TOP ADD	1500	Armature_Forma_1.png	1500	0	0	6.0	1839.86m³	24 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-016	38	Ø20/200 TOP ADD	1500	Armature_Forma_1.png	1500	0	0	57.0	77310.40m³	20 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-018	32	Ø16/200 TOP ADD	1600	Armature_Forma_1.png	1600	0	0	51.2	6977.83m³	16 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-022	10	Ø16/200 TOP ADD	1700	Armature_Forma_1.png	1700	0	0	12.0	1516.62m³	16 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-024	29	Ø24/200 BOT ADD	1680	Armature_Forma_1.png	1680	0	0	48.7	14939.65m³	24 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-025	13	Ø16/200 TOP ADD	1750	Armature_Forma_1.png	1750	0	0	22.8	3100.50m³	16 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-026	13	Ø16/200 TOP ADD	1790	Armature_Forma_1.png	1790	0	0	23.3	3171.37m³	16 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-033	48	Ø16/200 TOP ADD	2040	Armature_Forma_1.png	2040	0	0	96.6	13134.56m³	16 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-035	20	Ø20/200 TOP ADD	2040	Armature_Forma_1.png	2040	0	0	30.6	4170.35m³	20 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-039	4	Ø16/200 TOP ADD	2220	Armature_Forma_1.png	2220	0	0	8.9	1210.22m³	16 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-041	6	Ø24/200 TOP ADD	2250	Armature_Forma_1.png	2250	0	0	13.5	4629.18m³	24 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-042	31	Ø24/200 TOP ADD	2240	Armature_Forma_1.png	2240	0	0	69.4	21293.30m³	24 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-047	14	Ø24/200 TOP ADD	2500	Armature_Forma_1.png	2500	0	0	35.0	10732.51m³	24 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-052	12	Ø16/200 TOP ADD	2830	Armature_Forma_1.png	2830	0	0	34.0	4628.26m³	16 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-053	13	Ø16/200 BOT ADD	3000	Armature_Forma_1.png	3000	0	0	39.0	5115.37m³	16 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-054	13	Ø24/200 TOP ADD	3000	Armature_Forma_1.png	3000	0	0	39.0	11959.08m³	24 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-056	12	Ø24/200 TOP ADD	3080	Armature_Forma_1.png	3080	0	0	37.0	11333.53m³	24 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-058	24	Ø16/200 TOP ADD	3310	Armature_Forma_1.png	3310	0	0	79.4	10626.54m³	16 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-062	14	Ø24/200 TOP ADD	3540	Armature_Forma_1.png	3540	0	0	53.1	15082.16m³	24 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-063	15	Ø30/100 TOP ADD	3580	Armature_Forma_1.png	3580	0	0	102.2	48027.97m³	30 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-065	15	Ø24/200 BOT ADD	3580	Armature_Forma_1.png	3580	0	0	53.7	14666.73m³	24 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-068	78	Ø16/200 TOP ADD	3750	Armature_Forma_1.png	3750	0	0	290.5	39860.46m³	16 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-091	28	Ø30/100 TOP ADD	6580	Armature_Forma_1.png	6580	0	0	184.2	88274.87m³	30 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-092	14	Ø16/200 TOP ADD	6660	Armature_Forma_1.png	6660	0	0	93.2	12707.29m³	16 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-094	10	Ø24/200 BOT ADD	6590-7020 A0-48	Armature_Forma_1.png	<varies>	0	0	68.1	20978.68m³	24 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-100	8	Ø24/200 BOT ADD	8080	Armature_Forma_1.png	8080	0	0	71.7	21299.46m³	24 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-102	8	Ø24/200 BOT ADD	8320	Armature_Forma_1.png	8320	0	0	83.2	25512.70m³	24 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-108	33	Ø16/200 TOP ADD	10270-11770 A0-47	Armature_Forma_1.png	<varies>	0	0	363.6	49550.46m³	16 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-112	31	Ø16/200 BOT ADD	10960-11230 A0-45	Armature_Forma_1.png	<varies>	0	0	360.8	49172.97m³	16 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv	5-121	11	Ø16/200 BOT ADD	15140	Armature_Forma_1.png	15140	0	0	166.5	22697.04m³	16 mm
REBAR_L5_CAFE LEVEL_ADDITIONAL_X DIRECTION.csv		994							3037.6	637998.66m³	
REBAR_L5_CAFE LEVEL_X DIRECTION.csv											
REBAR_L5_CAFE LEVEL_X DIRECTION.csv		N.	REBAR	DIMENSIONS	SHAPE	A	B	C	TOTAL LENGTH [m]	Reinforcement Volume	Bar Diameter
REBAR_L5_CAFE LEVEL_X DIRECTION.csv				LENGTH							
REBAR_L5_CAFE LEVEL_X DIRECTION.csv	5-004	3	Ø20/200 TOP-BOT	360-1610 A0-25	Armature_Forma_1.png	<varies>	0	0	3.0	630.86m³	20 mm
REBAR_L5_CAFE LEVEL_X DIRECTION.csv	5-006	6	Ø16/200 TOP-BOT	1120	Armature_Forma_1.png	1120	0	0	6.7	8146.84m³	16 mm
REBAR_L5_CAFE LEVEL_X DIRECTION.csv	5-017	65	Ø16/200 H	1610	Armature_Forma_02L.png	250	490	0	104.7	14262.31m³	16 mm
REBAR_L5_CAFE LEVEL_X DIRECTION.csv	5-019	22	Ø20/200 TOP-BOT	1580	Armature_Forma_1.png	1580	0	0	34.8	7402.03m³	20 mm
REBAR_L5_CAFE LEVEL_X DIRECTION.csv	5-027	24	Ø20/200 TOP-BOT	1600	Armature_Forma_1.png	1600	0	0	38.4	8177.15m³	20 mm
REBAR_L5_CAFE LEVEL_X DIRECTION.csv	5-021	144	Ø16/200 H	1700							

Elementi	Sasia (ton)
Nyja A	24.2
Nyja B	18.1
Nyja C	21.53
Nyja D	24.19
Sasia totale e hekurit(ton)	88.02

Elementi	Sasia (ton)
Kolonat	1.84594304
	1.75504864
	0.57707915
	0.41076198
	17.8199429
	34.6297506
	10.4985002
	3.38866798
	2.68785714
	5.87639289
Sasia totale e hekurit(ton)	79.4899445

REINFORCEMENT TABLE OF COLUMN 50*60									
No. Position Nr. Pozicioni	Diameter Diametri[m m]	Length Gjatesia [cm]	Quantity Sasia [pieces]	Total Length Gjatesia tot. [m]	Total Reinforcement / Armimi total				
					Diameter Diametri [mm]	Total Length Gjatesia tot. [m]	Density [kg/m3]	Steel Weight Pesha e shufres [kg/m]	Total Weight Pesha tot. [ton]
1	26	356	8	28.48	10	264.00	7850	0.617	0.163
2	26	456	12	54.72	26	182.40	7850	4.168	0.760
3	26	556	8	44.48	1 KOLONE				0.92
4	26	456	12	54.72	TOTAL				1.85
5	10	144	55	79.20					
6	10	128	55	70.40					
7	10	208	55	114.40					
Total length				446.40					

REINFORCEMENT TABLE OF COLUMN 30*60									
No. Position Nr. Pozicioni	Diameter Diametri[m m]	Length Gjatesia [cm]	Quantity Sasia [pieces]	Total Length Gjatesia tot. [m]	Total Reinforcement / Armimi total				
					Diameter Diametri [mm]	Total Length Gjatesia tot. [m]	Density [kg/m3]	Steel Weight Pesha e shufres [kg/m]	Total Weight Pesha tot. [ton]
1	20	479	12	57.48	10	89.28	7850	0.617	0.055
2	20	310	12	37.20	20	94.68	7850	2.466	0.233
5	10	144	62	89.28	1 KOLONE				0.29
Total length				183.96	TOTAL 2 KOLONA				0.58

REINFORCEMENT TABLE OF COLUMN 30*30									
No. Position Nr. Pozicioni	Diameter Diametri[mm]	Length Gjatesia [cm]	Quantity Sasia [pieces]	Total Length Gjatesia tot. [m]	Total Reinforcement / Armimi total				
					Diameter Diametri [mm]	Total Length Gjatesia tot. [m]	Density [kg/m3]	Steel Weight Pesha e shufres [kg/m]	Total Weight Pesha tot. [ton]
1	24	256	2	5.12	10	55.80	7850	0.617	0.034
2	24	366	2	7.32	24	72.68	7850	3.551	0.258
3	24	530	4	21.20	1 KOLONE				0.29
4	24	530	4	21.20	TOTAL 6 COPE				1.76
5	24	496	2	9.92					
6	24	396	2	7.92					
7	10	90	62	55.80					
Total length				128.48					

REINFORCEMENT TABLE OF COLUMN 30*60									
No. Position Nr. Pozicioni	Diameter Diametri[mm]	Length Gjatesia [cm]	Quantity Sasia [pieces]	Total Length Gjatesia tot. [m]	Total Reinforcement / Armimi total				
					Diameter Diametri [mm]	Total Length Gjatesia tot. [m]	Density [kg/m3]	Steel Weight Pesha e shufres [kg/m]	Total Weight Pesha tot. [ton]
1	20	246	6	14.76	10	51.84	7850	0.617	0.032
2	20	346	6	20.76	20	70.32	7850	2.466	0.173
3	20	340	6	20.40	1 KOLONE				0.21
4	20	240	6	14.40	TOTAL 2 KOLONA				0.41
5	10	144	36	51.84					
Total length				122.16					

REINFORCEMENT TABLE OF COLUMN 60*60									
No. Position Nr. Pozicioni	Diameter Diametri[m m]	Length Gjatesia [cm]	Quantity Sasia [pieces]	Total Length Gjatesia tot. [m]	Total Reinforcement / Armimi total				
					Diameter Diametri [mm]	Total Length Gjatesia tot. [m]	Density [kg/m3]	Steel Weight Pesha e shufres [kg/m]	Total Weight Pesha tot. [ton]
1	26	356	8	28.48	10	288.20	7850	0.617	0.178
2	26	456	12	54.72	26	182.40	7850	4.168	0.760
3	26	556	8	44.48	1 KOLONE				0.94
4	26	456	12	54.72	TOTAL 19 KOLONA				17.82
5	10	148	110	162.80					
6	10	228	55	125.40					
Total length				470.60					

REINFORCEMENT TABLE OF COLUMN 60*60									
No. Position Nr. Pozicioni	Diameter Diametri[m m]	Length Gjatesia [cm]	Quantity Sasia [pieces]	Total Length Gjatesia tot. [m]	Total Reinforcement / Armimi total				
					Diameter Diametri [mm]	Total Length Gjatesia tot. [m]	Density [kg/m3]	Steel Weight Pesha e shufres [kg/m]	Total Weight Pesha tot. [ton]
1	26	356	8	28.48	10	340.60	7850	0.617	0.210
2	26	456	12	54.72	26	201.40	7850	4.168	0.839
3	26	651	8	52.08	1 KOLONE				1.05
4	26	551	12	66.12	TOTAL 33 KOLONA				34.63
5	10	148	130	192.40					
6	10	228	65	148.20					
Total length				542.00					

REINFORCEMENT TABLE OF COLUMN 25*45									
No. Position Nr. Pozicioni	Diameter Diametri[m m]	Length Gjatesia [cm]	Quantity Sasia [pieces]	Total Length Gjatesia tot. [m]	Total Reinforcement / Armimi total				
					Diameter Diametri [mm]	Total Length Gjatesia tot. [m]	Density [kg/m3]	Steel Weight Pesha e shufres [kg/m]	Total Weight Pesha tot. [ton]
1	20	380	4	15.20	10	352.40	7850	0.617	0.217
2	20	480	4	19.20	26	354.40	7850	4.168	1.477
3	20	700	4	28.00	1 KOLONE				1.69
4	20	700	4	28.00	TOTAL 2 COPE				3.39
5	20	600	4	24.00					
6	20	400	4	16.00					
7	20	400	4	16.00					
8	20	600	4	24.00					
9	20	400	4	16.00					
10	20	400	4	16.00					
11	20	400	4	16.00					
12	20	400	4	16.00					
13	20	600	4	24.00					
14	20	400	4	16.00					
15	20	600	4	24.00					
16	20	600	4	24.00					

REINFORCEMENT TABLE OF COLUMN 103*60									
No. Position Nr. Pozicioni	Diameter Diametri[mm]	Length Gjatesia [cm]	Quantity Sasia [pieces]	Total Length Gjatesia tot. [m]	Total Reinforcement / Armimi total				
					Diameter Diametri [mm]	Total Length Gjatesia tot. [m]	Density [kg/m3]	Steel Weight Pesha e shufres [kg/m]	Total Weight Pesha tot. [ton]
1	26	410	8	32.80	10	2321.92	7850	0.617	1.432
2	26	560	12	67.20	26	916.00	7850	4.168	3.818
3	26	730	8	58.40	1 KOLONE				5.25
4	26	870	12	104.40	TOTAL 2 COPE				10.50
5	26	600	16	96.00					
6	26	685	24	164.40					
7	26	460	68	312.80					
8	26	490	8	39.20					
9	26	340	12	40.80					
10	10	314	328	1029.92					
11	10	234	323	755.82					
12	10	166	323	536.18					
Total length				3237.92					

REINFORCEMENT TABLE OF COLUMN 40*40									
No. Position Nr. Pozicioni	Diameter Diametri[mm]	Length Gjatesia [cm]	Quantity Sasia [pieces]	Total Length Gjatesia tot. [m]	Total Reinforcement / Armimi total				
					Diameter Diametri [mm]	Total Length Gjatesia tot. [m]	Density [kg/m3]	Steel Weight Pesha e shufres [kg/m]	Total Weight Pesha tot. [ton]
1	20	220	4	8.80	10	168.84	7850	0.617	0.104
2	20	320	4	12.80	20	139.44	7850	2.466	0.344
3	20	420	4	16.80	1 KOLONE				0.45
4	20	420	4	16.80	TOTAL 6 COPE				2.69
5	20	600	4	24.00					
6	20	600	4	24.00					
7	20	503	4	20.12					
8	20	403	4	16.12					
9	10	144	67	96.48					
10	10	108	67	72.36					
Total length				308.28					

17	20	350	4	14.00
18	20	450	4	18.00
19	10	118	170	200.60
20	10	92	165	151.80
Total length				706.80

REINFORCEMENT TABLE OF COLUMN 50*90									
No. Position Nr. Pozicioni	Diameter Diametri[m m]	Length Gjatesia [cm]	Quantity Sasia [pieces]	Total Length Gjatesia tot. [m]	Total Reinforcement / Armimi total				
					Diameter Diametri [mm]	Total Length Gjatesia tot. [m]	Density [kg/m ³]	Steel Weight Pesha e shufres [kg/m]	Total Weight Pesha tot. [ton]
1	26	356	8	28.48	10	336.60	7850	0.617	0.208
2	26	456	12	54.72	26	182.40	7850	4.168	0.760
3	26	556	8	44.48	1 KOLONE				0.97
4	26	456	12	54.72	TOTAL 6 COPE				5.81
5	10	140	55	77.00					
6	10	204	55	112.20					
7	10	268	55	147.40					
Total length				519.00					

RAMPA HYRESE	18.79 TON
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REINFORCEMENT TABLE OF ENTRANCE RAMP (Total)									
TABELA E ARMIMIT TE RAMPES HYRESE (Sasia total)									
No. Position Nr. Pozicioni	Diameter Diametri[mm]	Length Gjatesia [cm]	Quantity Sasia [pieces]	Total Length Gjatesia tot. [m]	Total Reinforcement / Armimi total				
					Diameter Diametri [mm]	Total Length Gjatesia tot. [m]	Density [kg/m3]	Steel Weight Pesha e shufres [kg/m]	Total Weight Pesha tot. [ton]
1	20	460	16	73.60	12	5561.60	7850	0.888	4.938
2	20	344	10	34.40	16	86.67	7850	1.578	0.137
3	20	214	16	34.24	20	553.59	7850	2.466	1.365
4	20	271	10	27.10	24	3477.28	7850	3.551	12.349
5	20	238	14	33.32	Total				18.79
6	20	688	14	96.32					
7	20	943	27	254.61					
8	16	321	27	86.67					
9	12	974	55	535.70					
10	12	1200	55	660.00					
11	12	1200	135	1620.00					
12	12	890	135	1201.50					
13	12	572	270	1544.40					
14	24	1200	270	3240.00					
15	24	1200	6	72.00					
16	24	1087	4	43.48					
17	24	812	15	121.80					
Total length				9679.14					

Pilota sasia totale e hekurit (ton)	778.29
Trau I Pilotave sasia totale e hekurit (ton)	43.858

BAR SCHEDULE Steel grade B450C							TOTAL STEEL QUANTITY			
No. Pos.	Quantity Sasia	Diameter Diametri	Length Gjatesia	Total Length Gjatesia tot.	Steel Weight	Total Weight	Total Length	Steel Weight	Total Weight	Total Weight
1	1	14	380.00	380.00	1.21	459.800	380.00	1.21	459.800	0.460
2	20	24	12.00	240.00	4.83	1159.200	22.08	1.58	34.886	0.035
3	20	24	6.30	126.00	1.21	152.460	366.00	4.83	1767.780	1.768
4	8	16	2.76	22.08	1.58	34.886	Total weight 1 pile		2262.466	2.26
Total Weight 1 Pile						1806.35	Total Weight 344 Piles			778.29

REINFORCEMENT TABLE OF CAP BEAM								
No. Position Nr. Pozicioni	Diameter Diametri [mm]	Length Gjatesia [cm]	Quantity Sasia [pieces]	Total Length Gjatesia tot. [m]	Total Reinforcement / Armimi total			
					Diameter Diametri [mm]	Total Length Gjatesia tot. [m]	Steel Weight Pesha e shufres [kg/m]	Total Weight Pesha tot. [ton]
1	14	1200	400	4800.00	14	22188.00	1.208	26.812
2	24	1200	400	4800.00	24	4800.00	3.551	17.046
3	14	414	4200	17388.00	Total Σ =			43.858
Total length				26988.00				

STRUCTURAL STEEL FOR PILES					
No. Position	Type Tipi	Length Gjatesia	Quantity Sasia	Total Length Gjatesia tot.	Total Weight
1	IPE 500	1700	344	584.80	530.41
Total weight					

TABELA E HEKURIT TRARET E THELLE	
Sasia totale e hekurit (ton)	32.605417

POS	N.	Shufra	Gjatesia	Gjatesia totale
B2-001	6	Ø16	810	4860
B2-002	7	Ø20	1010	7070
B2-002	7	Ø20	1010	7070
B2-003	6	Ø12	1230	7380
B2-003	6	Ø12	1230	7380
B2-003	6	Ø12	1230	7380
B2-003	6	Ø12	1230	7380
B2-003	6	Ø12	1230	7380
B2-004	4	Ø24	1460	5840
B2-005	7	Ø24	1470	10290
B2-006	4	Ø24	1490	5960
B2-007	7	Ø24	1490	10430
B2-008	4	Ø24	1810	7240
B2-008	2	Ø24	1810	3620
B2-009	6	Ø24	1810	10860
B2-009	5	Ø24	1810	9050
B2-010	48	Ø12	1910	91680
B2-010	48	Ø12	1910	91680
B2-011	53	Ø12	2050	108650
B2-012	4	Ø30	2110	8440
B2-013	55	Ø12	2180	119900
B2-013	55	Ø12	2180	119900
B2-014	7	Ø16	2190	15330
B2-015	4	Ø16	2240	8960
B2-015	4	Ø16	2240	8960
B2-016	4	Ø16	2250	9000
B2-016	4	Ø16	2250	9000
B2-016	4	Ø16	2250	9000
B2-016	4	Ø16	2250	9000
B2-016	4	Ø16	2250	9000
B2-016	4	Ø16	2250	9000
B2-016	4	Ø16	2250	9000
B2-016	4	Ø16	2250	9000
B2-017	4	Ø16	2260	9040
B2-018	7	Ø16	2280	15960
B2-019	55	Ø12	2330	128150
B2-020	56	Ø12	2450	137200
B2-020	56	Ø12	2450	137200
B2-021	7	Ø16	2520	17640
B2-021	7	Ø16	2520	17640
B2-022	7	Ø16	2550	17850
B2-023	7	Ø16	2560	17920
B2-024	7	Ø16	2570	17990
B2-025	7	Ø16	2590	18130
B2-026	56	Ø12	2600	145600
B2-027	7	Ø16	2620	18340

B2-060	6	Ø12	4610	27660
B2-060	6	Ø12	4610	27660
B2-060	6	Ø12	4610	27660
B2-060	6	Ø12	4610	27660
B2-061	7	Ø12	4610	32270
B2-061	7	Ø12	4610	32270
B2-061	4	Ø12	4610	18440
B2-061	6	Ø12	4610	27660
B2-061	6	Ø12	4610	27660
B2-061	7	Ø12	4610	32270
B2-062	75	Ø12	4980	373500
B2-063	75	Ø12	5350	401250
B2-064	110	Ø12	5720	629200
POS	N.	Shufra	Gjatesia	Gjatesia totale
B2-064	108	Ø12	5720	617760
B2-065	4	Ø16	5810	23240
B2-066	2	Ø24	6000	12000
B2-067	2	Ø20	6010	12020
B2-068	4	Ø16	6350	25400
B2-069	4	Ø20	6490	25960
B2-070	4	Ø16	6500	26000
B2-071	4	Ø20	6680	26720
B2-072	4	Ø24	9360	37440
B2-072	4	Ø24	9360	37440
B2-073	4	Ø24	9360	37440
B2-073	4	Ø24	9360	37440
B2-074	4	Ø24	10650	42600
B2-074	4	Ø24	10650	42600
B2-075	4	Ø20	10650	42600
B2-075	4	Ø20	10650	42600
B2-076	2	Ø30	10720	21440
B2-077	4	Ø24	10980	43920
B2-077	4	Ø24	10980	43920
B2-077	1	Ø24	10980	10980
B2-077	1	Ø24	10980	10980
B2-077	1	Ø24	10980	10980
B2-077	1	Ø24	10980	10980
B2-078	3	Ø16	10980	32940
B2-078	3	Ø16	10980	32940
B2-079	4	Ø24	11310	45240
B2-079	4	Ø24	11310	45240
B2-080	6	Ø24	11310	67860
B2-080	6	Ø24	11310	67860
B2-081	12	Ø16	11510	138120
B2-082	12	Ø16	11530	138360
B2-083	4	Ø24	11650	46600
B2-083	4	Ø24	11650	46600
B2-084	7	Ø24	11650	81550
B2-084	7	Ø24	11650	81550
B2-085	11	Ø16	11780	129580

B2-086	11	Ø16	11780	129580
B2-087	4	Ø24	11840	47360
B2-087	4	Ø24	11840	47360
B2-088	4	Ø24	11970	47880
B2-088	4	Ø24	11970	47880
B2-089	7	Ø24	11970	83790
B2-089	7	Ø24	11970	83790
B2-090	5	Ø16	12000	60000
B2-090	6	Ø16	12000	72000
B2-090	6	Ø16	12000	72000
B2-090	4	Ø16	12000	48000
B2-090	5	Ø16	12000	60000
B2-090	4	Ø16	12000	48000
B2-090	4	Ø16	12000	48000
B2-090	4	Ø16	12000	48000
B2-091	4	Ø24	12000	48000
B2-091	4	Ø24	12000	48000
B2-091	4	Ø24	12000	48000
B2-091	4	Ø24	12000	48000
B2-091	4	Ø24	12000	48000
B2-091	1	Ø24	12000	12000
B2-091	1	Ø24	12000	12000
B2-091	1	Ø24	12000	12000
B2-091	1	Ø24	12000	12000
B2-091	1	Ø24	12000	12000
B2-091	1	Ø24	12000	12000
B2-091	4	Ø24	12000	48000
B2-091	4	Ø24	12000	48000
B2-091	4	Ø24	12000	48000
B2-091	4	Ø24	12000	48000
B2-092	4	Ø30	12000	48000
B2-093	7	Ø20	12000	84000
B2-093	7	Ø20	12000	84000
B2-093	7	Ø20	12000	84000
B2-093	7	Ø20	12000	84000
B2-093	7	Ø20	12000	84000
B2-093	7	Ø20	12000	84000
B2-093	7	Ø20	12000	84000
B2-094	7	Ø24	12000	84000
B2-095	4	Ø16	12000	48000
B2-095	4	Ø16	12000	48000
B2-096	4	Ø24	12010	48040
B2-096	4	Ø24	12010	48040
B2-097	7	Ø24	12010	84070
B2-097	7	Ø24	12010	84070
B2-098	4	Ø24	12020	48080
B2-098	2	Ø24	12020	24040
B2-099	4	Ø30	12020	48080
B2-100	6	Ø24	12020	72120
B2-100	6	Ø24	12020	72120

B2-101	4	Ø20	12170	48680
B2-101	4	Ø20	12170	48680
B2-102	10	Ø16	12230	122300
B2-103	10	Ø16	12230	122300
B2-104	11	Ø16	12240	134640
B2-105	11	Ø16	12240	134640
B2-106	9	Ø16	12250	110250
B2-107	1	Ø20	12250	12250
B2-108	9	Ø16	12260	110340
B2-109	12	Ø16	12510	150120
B2-109	12	Ø16	12510	150120
B2-110	1	Ø24	12520	12520
B2-110	1	Ø24	12520	12520
B2-111	3	Ø16	12540	37620
B2-111	3	Ø16	12540	37620
B2-112	1	Ø20	12590	12590
B2-113	4	Ø24	12650	50600
B2-114	4	Ø24	12680	50720
B2-115	7	Ø24	12800	89600
B2-116	1	Ø24	12850	12850
B2-116	1	Ø24	12850	12850
B2-117	4	Ø16	12860	51440
B2-117	4	Ø16	12860	51440
B2-118	1	Ø24	13170	13170
B2-118	1	Ø24	13170	13170
B2-118	1	Ø24	13170	13170
B2-118	1	Ø24	13170	13170
B2-119	4	Ø16	13180	52720
B2-119	4	Ø16	13180	52720
B2-120	4	Ø24	13270	53080
B2-121	4	Ø24	13290	53160
B2-122	1	Ø24	13510	13510
B2-123	1	Ø24	13520	13520
B2-123	1	Ø24	13520	13520
B2-124	1	Ø24	13520	13520
B2-125	4	Ø16	13530	54120
B2-125	4	Ø16	13530	54120
B2-126	2	Ø24	13660	27320
B2-127	4	Ø16	13770	55080
B2-128	1	Ø24	13830	13830
B2-129	1	Ø24	13840	13840
B2-129	1	Ø24	13840	13840
B2-129	1	Ø24	13840	13840
B2-130	4	Ø24	13840	55360
B2-131	5	Ø16	13850	69250
B2-132	5	Ø16	13860	69300
B2-133	4	Ø24	13870	55480
B2-134	4	Ø20	13970	55880
B2-135	4	Ø16	14020	56080
B2-136	4	Ø20	14130	56520

B2-137	1	Ø30	14140	14140
B2-138	1	Ø30	14150	14150
B2-139	8	Ø24	14160	113280
B2-140	4	Ø16	14160	56640
B2-141	2	Ø24	14180	28360
B2-142	2	Ø20	14190	28380
B2-143	4	Ø16	14200	56800
B2-144	4	Ø20	14220	56880
B2-145	4	Ø24	14310	57240
B2-146	4	Ø20	14310	57240
B2-147	4	Ø16	14320	57280
B2-148	4	Ø24	14440	57760
B2-149	4	Ø24	14450	57800
B2-150	4	Ø20	14490	57960
B2-151	4	Ø16	14500	58000
B2-152	4	Ø24	14510	58040
B2-153	4	Ø16	14570	58280
B2-154	4	Ø20	14750	59000
B2-155	1	Ø30	14770	14770
B2-155	1	Ø30	14770	14770
B2-156	2	Ø24	14850	29700
B2-157	4	Ø24	15020	60080
B2-158	4	Ø24	15360	61440
B2-159	4	Ø24	15710	62840
B2-160	4	Ø24	15830	63320
B2-161	4	Ø30	16050	64200

Sasia total 32.6054 ton

Trare 25*85cm sasia totale e hekurit (ton)	6.74
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REINFORCEMENT TABLE OF BEAM 25*85cm									
No. Position Nr. Pozicioni	Diameter Diametri[mm]	Length Gjatesia [cm]	Quantity Sasia [pieces]	Total Length Gjatesia tot. [m]	Total Reinforcement / Armimi total				
					Diameter Diametri [mm]	Total Length Gjatesia tot. [m]	Density [kg/m3]	Steel Weight Pesha e shufres [kg/m]	Total Weight Pesha tot. [ton]
1	12	286	84	240.24	12	395.96	7850	0.888	0.352
2	12	866	2	17.32	24	19.60	7850	3.551	0.070
3	12	865	16	138.40	Total 1 tra				0.421
4	24	980	2	19.60	Sasia Total 16 trare				6.738
Total length				415.56					

Tabela permbledhese per sasite e armimit te mureve		
Muri	Sasia e hekurit	Total (ton)
1	48.881	97.76224466
2	48.881	97.76224466
3	13.372	26.74467423
4	13.372	26.74467423
5	10.349	20.69790568
6	13.488	13.488
7	20.598	20.598
8	9.695	19.38985959
9	13.544	27.08740499
10	9.662	19.32451154
11	10.359	20.71773352
12	2.668	2.668
13	25.598	25.598
14	26.656	26.656
15	9.662	9.662
16	8.496	16.992
17	4.641	9.282
18	6.650	13.300
19	8.408	16.8151514
20	6.380	12.75902479
21	6.574	13.14876728
22	1.649	1.649
23	23.687	23.687
23	1.312	2.623934525
Sasia totale e hekurit (ton)		565.157 ton

REINFORCEMENT TABLE OF WALLS

No. Position Nr. Pozicioni	Diameter Diametri[mm]	Length Gjatesia [cm]	Quantity Sasia [pieces]	Total Length Gjatesia tot. [m]	Total Reinforcement / Armimi total				
					Diameter Diametri [mm]	Total Length Gjatesia tot. [m]	Density [kg/m3]	Steel Weight Pesha e shufres [kg/m]	Total Weight Pesha tot. [ton]
1	20	995	48	477.60	20	5227.20	7850	2.466	12.891
2	20	1095	48	525.60	14	29782.90	7850	1.208	35.990
3	20	1200	48	576.00	Total Σ =				48.881
4	20	700	48	336.00					
5	20	700	48	336.00					
6	20	600	48	288.00					
7	20	400	48	192.00					
8	20	400	48	192.00					
9	20	600	48	288.00					
10	20	400	48	192.00					
11	20	400	48	192.00					
12	20	400	48	192.00					
13	20	600	48	288.00					
14	20	400	48	192.00					
15	20	600	48	288.00					
16	20	600	48	288.00					
17	20	350	48	168.00					
18	20	450	48	216.00					
19	14	9485	314	29782.90					
Total length				35010.10					

REINFORCEMENT TABLE OF WALLS									
No. Position Nr. Pozicioni	Diameter Diametri[mm]	Length Gjatesia [cm]	Quantity Sasia [pieces]	Total Length Gjatesia tot. [m]	Total Reinforcement / Armimi total				
					Diameter Diametri [mm]	Total Length Gjatesia tot. [m]	Density [kg/m3]	Steel Weight Pesha e shufres [kg/m]	Total Weight Pesha tot. [ton]
1	20	995	48	477.60	20	5227.20	7850	2.466	12.891
2	20	1095	48	525.60	14	29782.90	7850	1.208	35.990
3	20	1200	48	576.00	Total Σ =				48.881
4	20	700	48	336.00					
5	20	700	48	336.00					
6	20	600	48	288.00					
7	20	400	48	192.00					
8	20	400	48	192.00					
9	20	600	48	288.00					
10	20	400	48	192.00					
11	20	400	48	192.00					
12	20	400	48	192.00					
13	20	600	48	288.00					
14	20	400	48	192.00					
15	20	600	48	288.00					
16	20	600	48	288.00					
17	20	350	48	168.00					
18	20	450	48	216.00					
19	14	9485	314	29782.90					
Total length				35010.10					

REINFORCEMENT TABLE OF WALLS									
No. Position Nr. Pozicioni	Diameter Diametri[mm]	Length Gjatesia [cm]	Quantity Sasia [pieces]	Total Length Gjatesia tot. [m]	Total Reinforcement / Armimi total				
					Diameter Diametri [mm]	Total Length Gjatesia tot. [m]	Density [kg/m3]	Steel Weight Pesha e shufres [kg/m]	Total Weight Pesha tot. [ton]
1	24	995	10	99.50	24	1089.00	7850	3.551	3.867
2	24	1095	10	109.50	14	7865.70	7850	1.208	9.505
3	24	1200	10	120.00	Total Σ =				13.372
4	24	700	10	70.00					
5	24	700	10	70.00					
6	24	600	10	60.00					
7	24	400	10	40.00					
8	24	400	10	40.00					
9	24	600	10	60.00					
10	24	400	10	40.00					
11	24	400	10	40.00					
12	24	400	10	40.00					
13	24	600	10	60.00					
14	24	400	10	40.00					
15	24	600	10	60.00					
16	24	600	10	60.00					
17	24	350	10	35.00					
18	24	450	10	45.00					
19	14	2505	314	7865.70					
Total length				8954.70					

REINFORCEMENT TABLE OF WALLS									
No. Position Nr. Pozicioni	Diameter Diametri [mm]	Length Gjatesia [cm]	Quantity Sasia [pieces]	Total Length Gjatesia tot. [m]	Total Reinforcement / Armimi total				
					Diameter Diametri [mm]	Total Length Gjatesia tot. [m]	Density [kg/m3]	Steel Weight Pesha e shufres [kg/m]	Total Weight Pesha tot. [ton]
1	24	995	10	99.50	24	1089.00	7850	3.551	3.867
2	24	1095	10	109.50	14	7865.70	7850	1.208	9.505
3	24	1200	10	120.00	Total Σ =				13.372
4	24	700	10	70.00					
5	24	700	10	70.00					
6	24	600	10	60.00					
7	24	400	10	40.00					
8	24	400	10	40.00					
9	24	600	10	60.00					
10	24	400	10	40.00					
11	24	400	10	40.00					
12	24	400	10	40.00					
13	24	600	10	60.00					
14	24	400	10	40.00					
15	24	600	10	60.00					
16	24	600	10	60.00					
17	24	350	10	35.00					
18	24	450	10	45.00					
19	14	2505	314	7865.70					
Total length				8954.70					

REINFORCEMENT TABLE OF WALLS									
No. Position Nr. Pozicioni	Diameter Diametri[mm]	Length Gjatesia [cm]	Quantity Sasia [pieces]	Total Length Gjatesia tot. [m]	Total Reinforcement / Armimi total				
					Diameter Diametri [mm]	Total Length Gjatesia tot. [m]	Density [kg/m3]	Steel Weight Pesha e shufres [kg/m]	Total Weight Pesha tot. [ton]
1'	20	380	55	209.00	20	4196.40	7850	2.466	10.349
2'	20	480	55	264.00					
1	20	790	55	434.50					
2	20	790	55	434.50					
3	20	740	55	407.00	Total Σ =				10.349
4	20	640	55	352.00					
5	20	600	55	330.00					
6	20	600	55	330.00					
7	20	350	55	192.50					
8	20	450	55	247.50					
9	20	1185	60	711.00					
10	20	1185	24	284.40					
Total length				4196.40					

REINFORCEMENT TABLE OF WALLS									
No. Position Nr. Pozicioni	Diameter Diametri[mm]	Length Gjatesia [cm]	Quantity Sasia [pieces]	Total Length Gjatesia tot. [m]	Total Reinforcement / Armimi total				
					Diameter Diametri [mm]	Total Length Gjatesia tot. [m]	Density [kg/m3]	Steel Weight Pesha e shufres [kg/m]	Total Weight Pesha tot. [ton]
1'	20	380	40	152.00	20	5469.36	7850	2.466	13.488
2'	20	480	40	192.00					
1	20	790	40	316.00					
2	20	770	40	308.00					
3	20	320	40	128.00	Total Σ =				13.488
4	20	420	40	168.00					
5	20	600	40	240.00					
6	20	400	40	160.00					
7	20	400	40	160.00					
8	20	600	40	240.00					
9	20	400	40	160.00					
10	20	400	40	160.00					
11	20	400	40	160.00					
12	20	400	40	160.00					
13	20	600	40	240.00					
14	20	400	40	160.00					
15	20	600	40	240.00					
16	20	600	40	240.00					
17	20	350	40	140.00					
18	20	450	40	180.00					
19	20	422	260	1097.20					
20	20	836	56	468.16					
Total length				5469.36					

REINFORCEMENT TABLE OF WALLS									
No. Position Nr. Pozicioni	Diameter Diametri [mm]	Length Gjatesia [cm]	Quantity Sasia [pieces]	Total Length Gjatesia tot. [m]	Total Reinforcement / Armimi total				
					Diameter Diametri [mm]	Total Length Gjatesia tot. [m]	Density [kg/m3]	Steel Weight Pesha e shufres [kg/m]	Total Weight Pesha tot. [ton]
1	20	600	40	240.00	20	8352.32	7850	2.466	20.598
2	20	800	40	320.00					
3	20	700	40	280.00					
4	20	700	40	280.00					
5	20	600	40	240.00	Total Σ =				20.598
6	20	400	40	160.00					
7	20	400	40	160.00					
8	20	600	40	240.00					
9	20	400	40	160.00					
10	20	400	40	160.00					
11	20	400	40	160.00					
12	20	400	40	160.00					
13	20	400	40	160.00					
14	20	400	40	160.00					
15	20	600	40	240.00					
16	20	600	40	240.00					
17	20	350	40	140.00					
18	20	450	40	180.00					
19	20	1488	314	4672.32					
Total length				8352.32					

REINFORCEMENT TABLE OF WALLS									
No. Position Nr. Pozicioni	Diameter Diametri[mm]	Length Gjatesia [cm]	Quantity Sasia [pieces]	Total Length Gjatesia tot. [m]	Total Reinforcement / Armimi total				
					Diameter Diametri [mm]	Total Length Gjatesia tot. [m]	Density [kg/m3]	Steel Weight Pesha e shufres [kg/m]	Total Weight Pesha tot. [ton]
1	20	600	40	240.00	20	3931.20	7850	2.466	9.695
2	20	800	40	320.00					
3	20	700	40	280.00					
4	20	700	40	280.00					
5	20	600	40	240.00	Total Σ =				9.695
6	20	400	40	160.00					
7	20	400	40	160.00					
8	20	600	40	240.00					
9	20	400	40	160.00					
10	20	400	40	160.00					
11	20	400	40	160.00					
12	20	400	40	160.00					
13	20	400	40	160.00					
14	20	400	40	160.00					
15	20	600	40	240.00					
16	20	600	40	240.00					
17	20	350	40	140.00					
18	20	450	40	180.00					
19	20	628	40	251.20					
Total length				3931.20					

REINFORCEMENT TABLE OF WALLS									
No. Position Nr. Pozicioni	Diameter Diametri[mm]	Length Gjatesia [cm]	Quantity Sasia [pieces]	Total Length Gjatesia tot. [m]	Total Reinforcement / Armimi total				
					Diameter Diametri [mm]	Total Length Gjatesia tot. [m]	Density [kg/m3]	Steel Weight Pesha e shufres [kg/m]	Total Weight Pesha tot. [ton]
1	20	460	40	184.00	20	5491.84	7850	2.466	13.544
2	20	560	40	224.00					
3	20	400	40	160.00					
4	20	400	40	160.00					
5	20	400	40	160.00	Total Σ =				13.544
6	20	400	40	160.00					
7	20	600	40	240.00					
8	20	400	40	160.00					
9	20	600	40	240.00					
10	20	600	40	240.00					
11	20	350	40	140.00					
12	20	450	40	180.00					
13	20	1488	218	3243.84					
Total length				5491.84					

REINFORCEMENT TABLE OF WALLS									
No. Position Nr. Pozicioni	Diameter Diametri[mm]	Length Gjatesia [cm]	Quantity Sasia [pieces]	Total Length Gjatesia tot. [m]	Total Reinforcement / Armimi total				
					Diameter Diametri [mm]	Total Length Gjatesia tot. [m]	Density [kg/m ³]	Steel Weight Pesha e shufres [kg/m]	Total Weight Pesha tot. [ton]
1	20	635	40	254.00	30	643.72	7850	5.549	3.572
2	20	540	36	194.40	20	1868.76	7850	2.466	4.609
3	20	600	40	240.00	16	531.70	7850	1.578	0.839
4	20	600	36	216.00	14	531.70	7850	1.208	0.643
5	20	390	40	156.00	Total Σ =				9.662
6	20	490	36	176.40					
7	20	427	148	631.96					
8	30	847	76	643.72					
9	14	409	130	531.70					
10	16	409	130	531.70					
Total length				3575.88					

REINFORCEMENT TABLE OF WALLS									
No. Position Nr. Pozicioni	Diameter Diametri [mm]	Length Gjatesia [cm]	Quantity Sasia [pieces]	Total Length Gjatesia tot. [m]	Total Reinforcement / Armimi total				
					Diameter Diametri [mm]	Total Length Gjatesia tot. [m]	Density [kg/m ³]	Steel Weight Pesha e shufres [kg/m]	Total Weight Pesha tot. [ton]
1	20	600	40	240.00	20	4200.42	7850	2.466	10.359
2	20	800	40	320.00					
3	20	700	40	280.00					
4	20	700	40	280.00					
5	20	600	40	240.00	Total Σ =				10.359
6	20	400	40	160.00					
7	20	400	40	160.00					
8	20	600	40	240.00					
9	20	400	40	160.00					
10	20	400	40	160.00					
11	20	400	40	160.00					
12	20	400	40	160.00					
13	20	600	40	240.00					
14	20	400	40	160.00					
15	20	569	218	1240.42					
Total length				4200.42					

REINFORCEMENT TABLE OF WALLS									
No. Position Nr. Pozicioni	Diameter Diametri[mm]	Length Gjatesia [cm]	Quantity Sasia [pieces]	Total Length Gjatesia tot. [m]	Total Reinforcement / Armimi total				
					Diameter Diametri [mm]	Total Length Gjatesia tot. [m]	Density [kg/m3]	Steel Weight Pesha e shufres [kg/m]	Total Weight Pesha tot. [ton]
1	20	600	40	240.00	20	1082.00	7850	2.466	2.668
2	20	800	40	320.00					
3	20	440	40	176.00					
4	20	340	40	136.00					
5	20	525	40	210.00	Total Σ =				2.668
Total length				1082.00					

REINFORCEMENT TABLE OF WALLS									
No. Position Nr. Pozicioni	Diameter Diametri [mm]	Length Gjatesia [cm]	Quantity Sasia [pieces]	Total Length Gjatesia tot. [m]	Total Reinforcement / Armimi total				
					Diameter Diametri [mm]	Total Length Gjatesia tot. [m]	Density [kg/m3]	Steel Weight Pesha e shufres [kg/m]	Total Weight Pesha tot. [ton]
1	20	750	80	600.00	20	6584.60	7850	2.466	16.239
2	20	770	78	600.60	14	7745.24	7850	1.208	9.359
3	20	320	80	256.00					
4	20	420	78	327.60	Total Σ = 25.598				
5	20	600	80	480.00					
6	20	400	78	312.00					
7	20	400	80	320.00					
8	20	600	78	468.00					
9	20	400	80	320.00					
10	20	400	30	120.00					
10'	20	530	48	254.40					
11	20	400	30	120.00					
11'	20	350	50	175.00					
12	20	400	30	120.00					
13	20	600	30	180.00					
14	20	400	30	120.00					
15	20	600	30	180.00					
16	20	600	30	180.00					
17	20	403	30	120.90					
18	20	503	30	150.90					
19	20	536	220	1179.20					
20	14	619	390	2414.10					
21	14	998	136	1357.28					
22	14	1198.5	58	695.13					
23	14	1057.5	42	444.15					
24	14	714.5	42	300.09					
25	14	1198.5	58	695.13					
26	14	958	192	1839.36					
Total length				14329.84					

REINFORCEMENT TABLE OF WALLS									
No. Position Nr. Pozicioni	Diameter Diametri [mm]	Length Gjatesia [cm]	Quantity Sasia [pieces]	Total Length Gjatesia tot. [m]	Total Reinforcement / Armimi total				
					Diameter Diametri [mm]	Total Length Gjatesia tot. [m]	Density [kg/m3]	Steel Weight Pesha e shufres [kg/m]	Total Weight Pesha tot. [ton]
1	20	750	80	600.00	30	643.72	7850	5.549	3.572
2	20	770	78	600.60	20	6034.06	7850	2.466	14.881
3	20	320	80	256.00	14	6788.04	7850	1.208	8.203
4	20	420	78	327.60	Total Σ = 26.656				
5	20	600	80	480.00					
6	20	400	78	312.00					
7	20	400	80	320.00					
8	20	600	78	468.00					
9	20	400	80	320.00					
10	20	400	30	120.00					
10'	20	530	48	254.40					
11	20	400	30	120.00					
11'	20	350	50	175.00					
12	20	400	30	120.00					
13	20	600	30	180.00					
14	20	400	30	120.00					
15	20	600	30	180.00					
16	20	600	30	180.00					
17	20	400	30	120.00					
18	20	495	30	148.50					
19	20	427	148	631.96					
20	14	619	444	2748.36					
21	14	998	136	1357.28					
22	30	847	76	643.72					
23	14	958	280	2682.40					
Total length				13465.82					

REINFORCEMENT TABLE OF WALLS									
No. Position Nr. Pozicioni	Diameter Diametri[mm]	Length Gjatesia [cm]	Quantity Sasia [pieces]	Total Length Gjatesia tot. [m]	Total Reinforcement / Armimi total				
					Diameter Diametri [mm]	Total Length Gjatesia tot. [m]	Density [kg/m ³]	Steel Weight Pesha e shufres [kg/m]	Total Weight Pesha tot. [ton]
1	20	635	40	254.00	30	643.72	7850	5.549	3.572
2	20	540	36	194.40	20	1868.76	7850	2.466	4.609
3	20	600	40	240.00	16	531.70	7850	1.578	0.839
4	20	600	36	216.00	14	531.70	7850	1.208	0.643
5	20	390	40	156.00	Total Σ =				9.662
6	20	490	36	176.40					
7	20	427	148	631.96					
8	30	847	76	643.72					
9	14	409	130	531.70					
10	16	409	130	531.70					
Total length				3575.88					

REINFORCEMENT TABLE OF WALLS									
No. Position Nr. Pozicioni	Diameter Diametri[mm]	Length Gjatesia [cm]	Quantity Sasia [pieces]	Total Length Gjatesia tot. [m]	Total Reinforcement / Armimi total				
					Diameter Diametri [mm]	Total Length Gjatesia tot. [m]	Density [kg/m3]	Steel Weight Pesha e shufres [kg/m]	Total Weight Pesha tot. [ton]
1	24	430	22	94.60	24	1887.90	7850	3.551	6.704
2	24	530	20	106.00	14	1482.40	7850	1.208	1.791
3	24	700	22	154.00	Total Σ =				8.496
4	24	700	20	140.00					
5	24	600	22	132.00					
6	24	400	20	80.00					
7	24	400	22	88.00					
8	24	600	20	120.00					
9	24	400	22	88.00					
10	24	400	20	80.00					
11	24	400	22	88.00					
12	24	400	20	80.00					
13	24	600	22	132.00					
14	24	400	20	80.00					
15	24	600	22	132.00					
16	24	600	20	120.00					
17	24	365	22	80.30					
18	24	465	20	93.00					
19	14	436	340	1482.40					
Total length				3370.30					

REINFORCEMENT TABLE OF WALLS									
No. Position Nr. Pozicioni	Diameter Diametri[mm]	Length Gjatesia [cm]	Quantity Sasia [pieces]	Total Length Gjatesia tot. [m]	Total Reinforcement / Armimi total				
					Diameter Diametri [mm]	Total Length Gjatesia tot. [m]	Density [kg/m3]	Steel Weight Pesha e shufres [kg/m]	Total Weight Pesha tot. [ton]
3'	20	345	22	75.90	20	1369.20	7850	2.466	3.377
4'	20	445	20	89.00	14	1046.40	7850	1.208	1.264
5	20	600	22	132.00	Total Σ =				4.641
6	20	400	20	80.00					
7	20	400	22	88.00					
8	20	600	20	120.00					
9	20	400	22	88.00					
10	20	400	20	80.00					
11	20	400	22	88.00					
12	20	400	20	80.00					
13	20	600	22	132.00					
14	20	400	20	80.00					
15'	20	515	22	113.30					
16'	20	615	20	123.00					
19	14	436	240	1046.40					
Total length				2415.60					

REINFORCEMENT TABLE OF WALLS									
No. Position Nr. Pozicioni	Diameter Diametri [mm]	Length Gjatesia [cm]	Quantity Sasia [pieces]	Total Length Gjatesia tot. [m]	Total Reinforcement / Armimi total				
					Diameter Diametri [mm]	Total Length Gjatesia tot. [m]	Density [kg/m3]	Steel Weight Pesha e shufres [kg/m]	Total Weight Pesha tot. [ton]
1	20	430	22	94.60	20	1953.00	7850	2.466	4.816
2	20	530	20	106.00	14	1517.28	7850	1.208	1.834
3	20	700	22	154.00	Total Σ =				6.650
4	20	700	20	140.00					
5'	20	730	22	160.60					
6'	20	630	20	126.00					
5"	20	370	22	81.40					
6"	20	270	20	54.00					
7	20	400	22	88.00					
8	20	600	20	120.00					
9	20	400	22	88.00					
10	20	400	20	80.00					
11	20	400	22	88.00					
12	20	400	20	80.00					
13'	20	345	22	75.90					
14'	20	280	20	56.00					
13"	20	360	22	79.20					
14"	20	225	20	45.00					
15'	20	515	22	113.30					
16'	20	615	20	123.00					
19	14	436	348	1517.28					
Total length				3470.28					

REINFORCEMENT TABLE OF WALLS									
No. Position Nr. Pozicioni	Diameter Diametri[mm]	Length Gjatesia [cm]	Quantity Sasia [pieces]	Total Length Gjatesia tot. [m]	Total Reinforcement / Armimi total				
					Diameter Diametri [mm]	Total Length Gjatesia tot. [m]	Density [kg/m3]	Steel Weight Pesha e shufres [kg/m]	Total Weight Pesha tot. [ton]
1	24	385	22	84.70	24	1869.00	7850	3.551	6.637
2	24	485	20	97.00	14	1464.96	7850	1.208	1.770
3	24	700	22	154.00	Total Σ =				8.408
4	24	700	20	140.00					
5	24	600	22	132.00					
6	24	400	20	80.00					
7	24	400	22	88.00					
8	24	600	20	120.00					
9	24	400	22	88.00					
10	24	400	20	80.00					
11	24	400	22	88.00					
12	24	400	20	80.00					
13	24	600	22	132.00					
14	24	400	20	80.00					
15	24	600	22	132.00					
16	24	600	20	120.00					
17	24	365	22	80.30					
18	24	465	20	93.00					
19	14	436	336	1464.96					
Total length				3333.96					

REINFORCEMENT TABLE OF WALLS									
No. Position Nr. Pozicioni	Diameter Diametri[mm]	Length Gjatesia [cm]	Quantity Sasia [pieces]	Total Length Gjatesia tot. [m]	Total Reinforcement / Armimi total				
					Diameter Diametri [mm]	Total Length Gjatesia tot. [m]	Density [kg/m3]	Steel Weight Pesha e shufres [kg/m]	Total Weight Pesha tot. [ton]
1	20	385	22	84.70	20	1869.00	7850	2.466	4.609
2	20	485	20	97.00	14	1464.96	7850	1.208	1.770
3	20	700	22	154.00	Total Σ =				6.380
4	20	700	20	140.00					
5	20	600	22	132.00					
6	20	400	20	80.00					
7	20	400	22	88.00					
8	20	600	20	120.00					
9	20	400	22	88.00					
10	20	400	20	80.00					
11	20	400	22	88.00					
12	20	400	20	80.00					
13	20	600	22	132.00					
14	20	400	20	80.00					
15	20	600	22	132.00					
16	20	600	20	120.00					
17	20	365	22	80.30					
18	20	465	20	93.00					
19	14	436	336	1464.96					
Total length				3333.96					

REINFORCEMENT TABLE OF WALLS									
No. Position Nr. Pozicioni	Diameter Diametri [mm]	Length Gjatesia [cm]	Quantity Sasia [pieces]	Total Length Gjatesia tot. [m]	Total Reinforcement / Armimi total				
					Diameter Diametri [mm]	Total Length Gjatesia tot. [m]	Density [kg/m3]	Steel Weight Pesha e shufres [kg/m]	Total Weight Pesha tot. [ton]
1	20	385	22	84.70	20	1935.20	7850	2.466	4.772
2	20	485	20	97.00	14	1491.12	7850	1.208	1.802
3	20	700	22	154.00	Total Σ =				6.574
4	20	700	20	140.00					
5'	20	730	22	160.60					
6'	20	630	20	126.00					
5"	20	370	22	81.40					
6"	20	270	20	54.00					
7	20	400	22	88.00					
8	20	600	20	120.00					
9	20	400	22	88.00					
10	20	400	20	80.00					
11	20	400	22	88.00					
12	20	400	20	80.00					
13'	20	345	22	75.90					
14'	20	280	20	56.00					
13"	20	365	22	80.30					
14"	20	225	20	45.00					
15'	20	515	22	113.30					
16'	20	615	20	123.00					
19	14	436	342	1491.12					
Total length				3426.32					

REINFORCEMENT TABLE OF WALLS									
No. Position Nr. Pozicioni	Diameter Diametri [mm]	Length Gjatesia [cm]	Quantity Sasia [pieces]	Total Length Gjatesia tot. [m]	Total Reinforcement / Armimi total				
					Diameter Diametri [mm]	Total Length Gjatesia tot. [m]	Density [kg/m ³]	Steel Weight Pesha e shufres [kg/m]	Total Weight Pesha tot. [ton]
5'	20	275	6	16.50	20	334.35	7850	2.466	0.825
7	20	400	5	20.00	16	522.10	7850	1.578	0.824
8'	20	655	6	39.30	Total Σ =				1.649
9	20	400	5	20.00					
10	20	400	6	24.00					
11	20	400	5	20.00					
12	20	400	6	24.00					
13	20	600	5	30.00					
14	20	400	6	24.00					
15	20	600	5	30.00					
16	20	600	6	36.00					
17'	20	405	5	20.25					
18'	20	505	6	30.30					
19	16	227	230	522.10					
Total length				856.45					

REINFORCEMENT TABLE OF WALLS									
No. Position Nr. Pozicioni	Diameter Diametri [mm]	Length Gjatesia [cm]	Quantity Sasia [pieces]	Total Length Gjatesia tot. [m]	Total Reinforcement / Armimi total				
					Diameter Diametri [mm]	Total Length Gjatesia tot. [m]	Density [kg/m ³]	Steel Weight Pesha e shufres [kg/m]	Total Weight Pesha tot. [ton]
4'	20	290	45	130.5	30	3259.92	7850	5.549	18.089
5'	20	670	46	308.20	20	2269.83	7850	2.466	5.598
6	20	400	45	180.00	Total Σ =				23.687
7'	20	378	46	173.88					
8'	20	477	45	214.65					
13'	20	345	46	158.70					
14'	20	250	45	112.50					
15	20	600	46	276.00					
16	20	600	45	270.00					
17'	20	440	46	202.40					
18'	20	540	45	243.00					
19	30	867	376	3259.92					
Total length				5529.75					

REINFORCEMENT TABLE OF WALLS									
No. Position Nr. Pozicioni	Diameter Diametri [mm]	Length Gjatesia [cm]	Quantity Sasia [pieces]	Total Length Gjatesia tot. [m]	Total Reinforcement / Armimi total				
					Diameter Diametri [mm]	Total Length Gjatesia tot. [m]	Density [kg/m ³]	Steel Weight Pesha e shufres [kg/m]	Total Weight Pesha tot. [ton]
5'	20	545	6	32.70	20	299.73	7850	2.466	0.739
6'	20	430	5	21.50	14	474.00	7850	1.208	0.573
7	20	400	6	24.00	Total Σ =				1.312
8	20	600	5	30.00					
9	20	400	6	24.00					
10	20	400	5	20.00					
11'	20	433	6	25.98					
12	20	400	5	20.00					
13	20	600	6	36.00					
14	20	400	5	20.00					
15'	20	370	6	22.20					
16'	20	467	5	23.35					
19	14	237	200	474.00					
Total length				773.73					

Shkallet sasia totale e hekurit (ton)

39.87

REINFORCEMENT TABLE OF SCENIC STAIRS

No. Position Nr. Pozicioni	Diameter Diametri [mm]	Length Gjatesia [cm]	Quantity Sasia [pieces]	Total Length Gjatesia tot. [m]	Total Reinforcement / Armimi total				
					Diameter Diametri [mm]	Total Length Gjatesia tot. [m]	Density [kg/m ³]	Steel Weight Pesha e shufres [kg/m]	Total Weight Pesha tot. [ton]
1	16	214	39	83.46	8	1569.54	7850	0.395	0.619
2	16	673	39	262.47	10	5591.83	7850	0.617	3.448
3	16	616	45	277.20	16	3476.61	7850	1.578	5.487
4	16	404	55	222.20	20	347.32	7850	2.466	0.857
5	16	613	55	337.15	24	2247.44	7850	3.551	7.981
6	10	135	663	895.05	30	278.20	7850	5.549	1.544
7	10	138	495	683.10	SHKALLA SKENIKE				19.94
8	10	148	605	895.40	TOTAL (2)				39.87
9	24	291	52	151.32					
10	24	721	52	374.92					
11	24	762	60	457.20					
12	24	752	74	556.48					
13	8	197	100	197.00					
14	16	403	55	221.65					
15	16	1050	50	525.00					
16	16	870	40	348.00					
17	16	730	50	365.00					
18	10	1050	24	252.00					
19	10	870	24	208.80					
20	10	730	32	233.60					
Shkallet (1-44)				7547.00					
1	8	1173	2	23.46					
2	8	1173	2	23.46					
3	20	1120	8	89.60					
4	30	1120	13	145.60					
5	20	211	13	27.43					
6	20	211	13	27.43					
7	20	201	8	16.08					
8	20	214	8	17.12					
9	8	309	106	327.54					
10	8	163	212	345.56					
Sheshpushimi 1				1043.28					
1	8	1073	2	21.46					
2	8	1073	2	21.46					
3	20	1020	8	81.60					
4	30	1020	13	132.60					
5	20	211	13	27.43					
6	20	211	13	27.43					
7	20	201	8	16.08					
8	20	214	8	17.12					
9	8	309	96	296.64					
10	8	163	192	312.96					
Sheshpushimi 2				954.78					
1	16	197	72	141.84					
2	16	767	72	552.24					
3	16	195	72	140.40					
4	24	737	96	707.52					
5	10	345	180	621.00					
6	10	182	72	131.04					
7	10	129	1296	1671.84					
Shkallet (45-113)				3965.88					
Total length				13510.94					

Faza 1

Type	L	cope	Weight kg/m	Weight kg
Strut 406.4x12.5	2.3	1	121.6	279.68
	10.7	1	121.6	1301.12
	12.9	5	121.6	7843.2
	13.8	3	121.6	5034.24
	14	1	121.6	1702.4
	13.3	1	121.6	1617.28
	4.8	1	121.6	583.68
	15.4	1	121.6	1872.64
	8.6	1	121.6	1045.76
	13.2	2	121.6	3210.24
	13.1	2	121.6	3185.92
	13	1	121.6	1580.8
	8.1	1	121.6	984.96
	13.1	1	121.6	1592.96
	12.9	5	121.6	7843.2
	12.3	1	121.6	1495.68
	3.8	1	121.6	462.08
	13.3	1	121.6	1617.28
	12.9	3	121.6	4705.92
	7.3	4	121.6	3550.72
Strut 457x12.5	17.1	1	137.2	2346.12
			Total	53855.88

53.85588 ton

5.385588 bolts plates

Total faza 1 59.24147 ton

Faza 2

Type	L	cope	Weight kg/m	Weight kg
Strut 610x12.5	6.3	1	184.7	1163.61
	12.8	1	184.7	2364.16
	11.7	12	184.7	25931.88
	11.6	1	184.7	2142.52
	4	1	184.7	738.8
	6	6	184.7	6649.2
	13.3	1	184.7	2456.51
	13.4	1	184.7	2474.98
	6.3	1	184.7	1163.61
	12.4	2	184.7	4580.56
	11.7	2	184.7	4321.98
	11.6	1	184.7	2142.52
	6.1	1	184.7	1126.67
	3.8	1	184.7	701.86
	12.1	1	184.7	2234.87
	11.7	15	184.7	32414.85
	12.9	1	184.7	2382.63
	6.1	1	184.7	1126.67
	11.9	1	184.7	2197.93
Strut 813x10	12.5	1	199.1	2488.75
	14.7	1	199.1	2926.77
	12	1	199.1	2389.2
HEA 800	420	2	224.4	188496
			Total	294616.53

294.6165 ton

29.46165 bolts plates

Total faza 2 324.0782 ton**Total BO 383.3 ton**