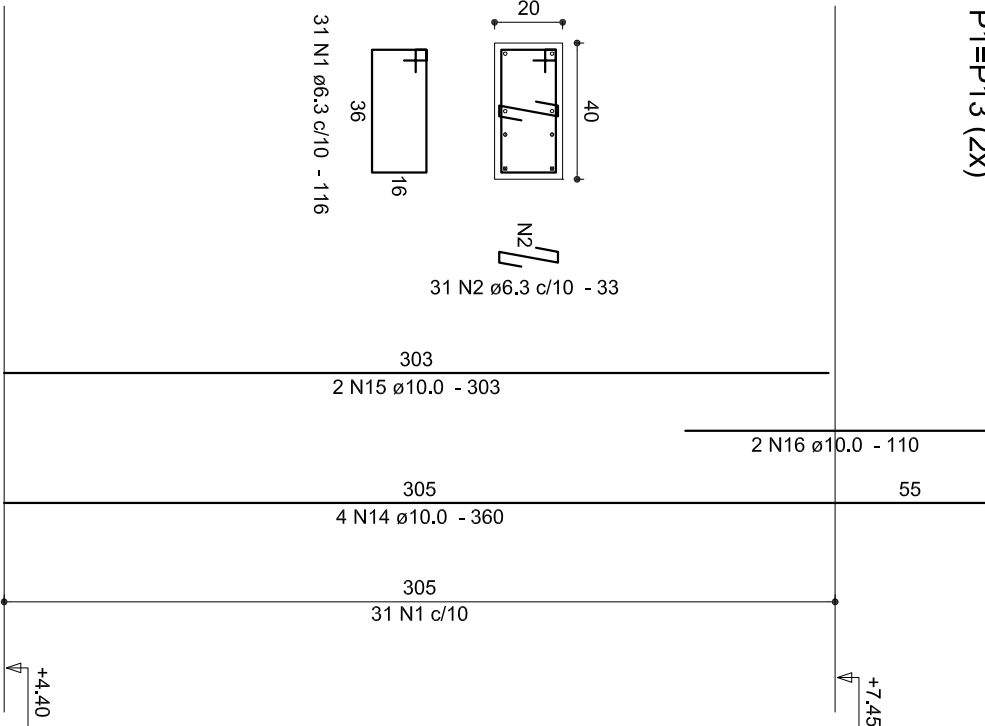
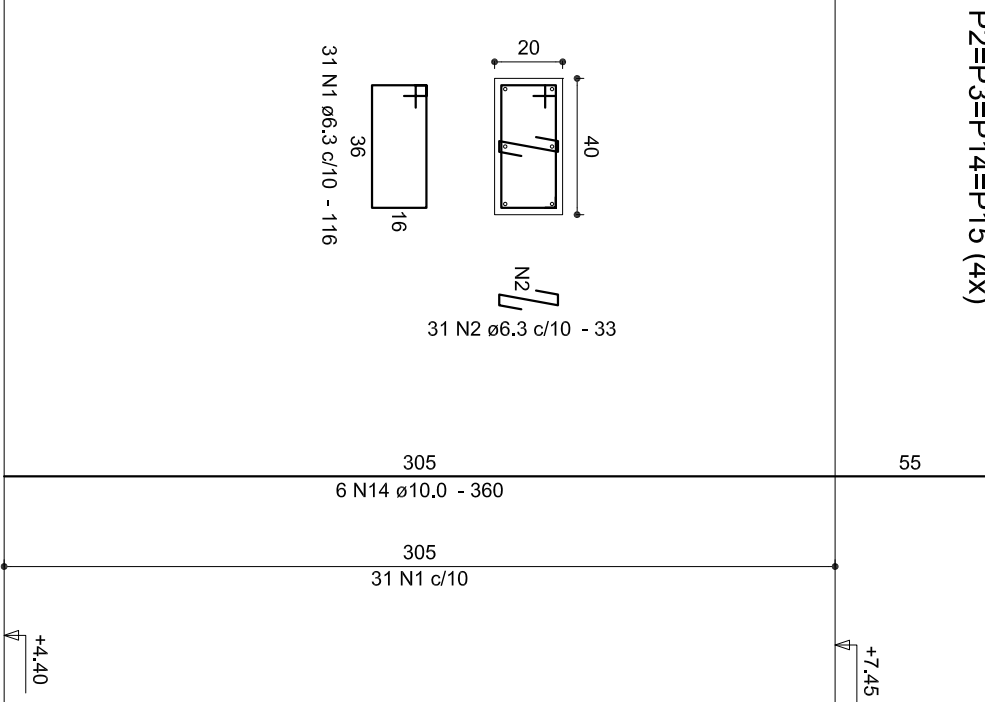


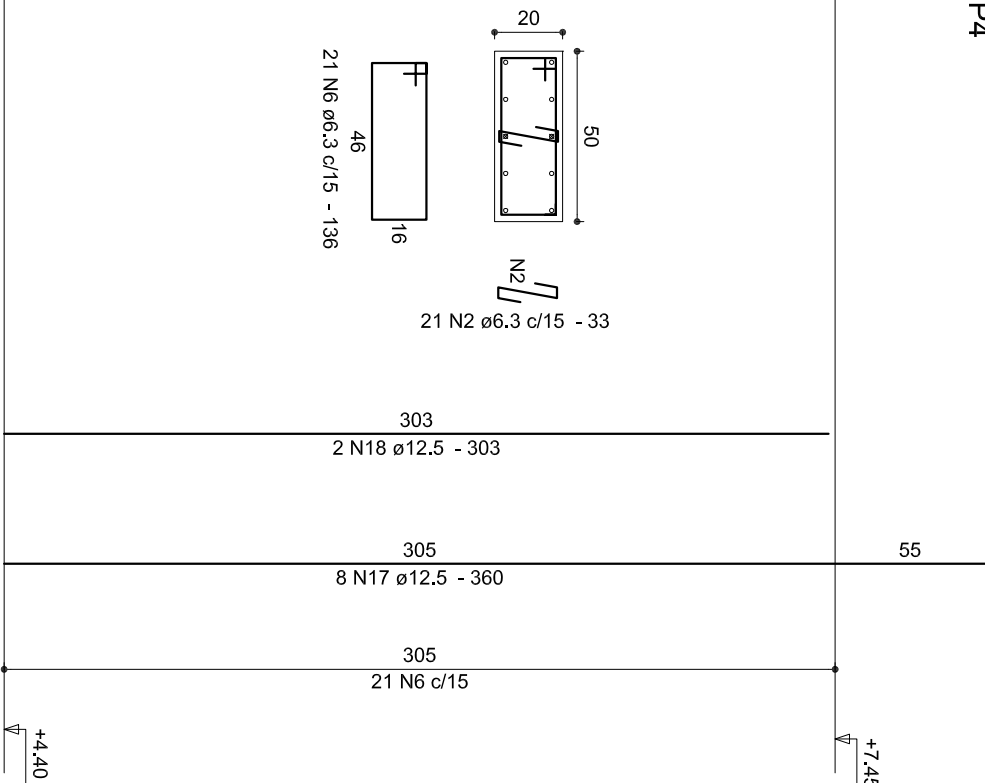
P1=P13 (2x)



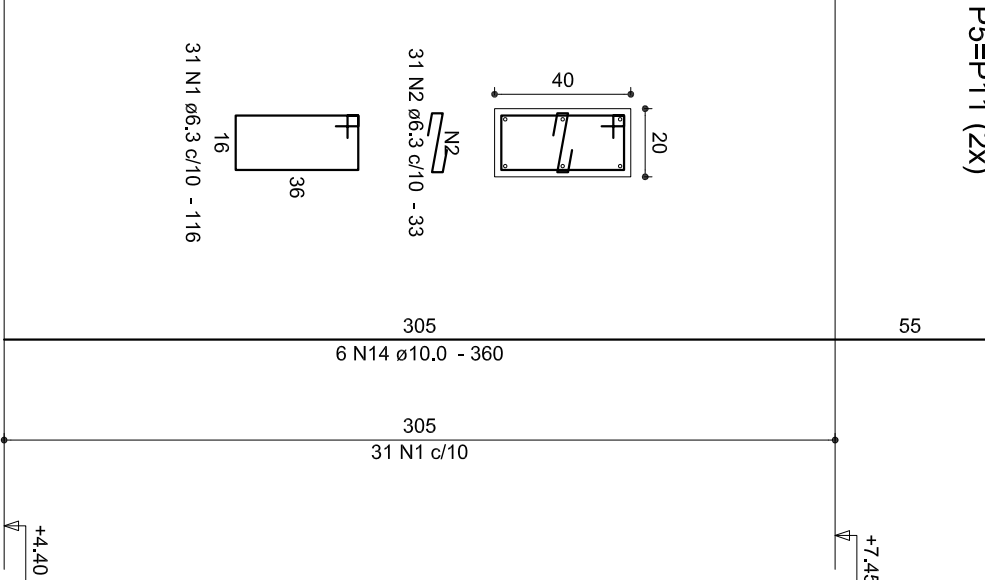
P2=P3=P14=P15 (4x)



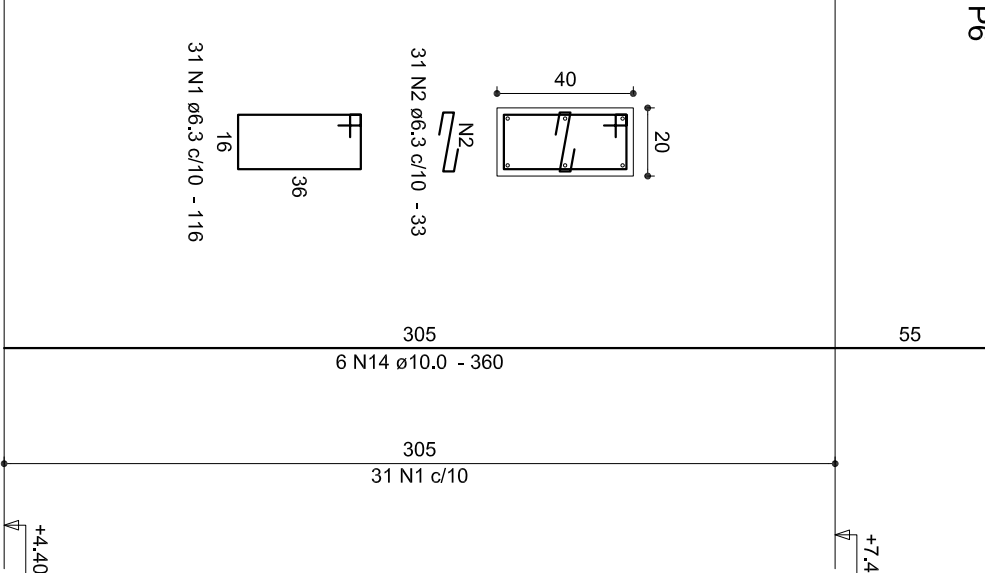
P4



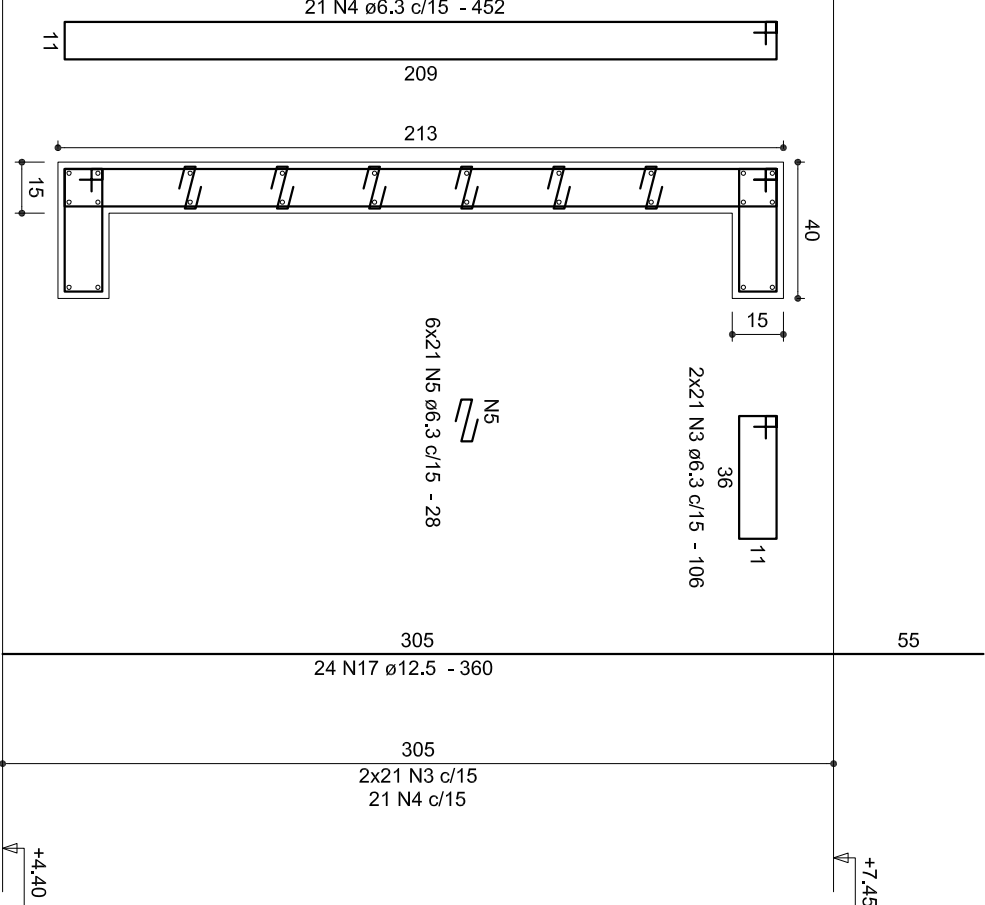
P5=P11 (2x)



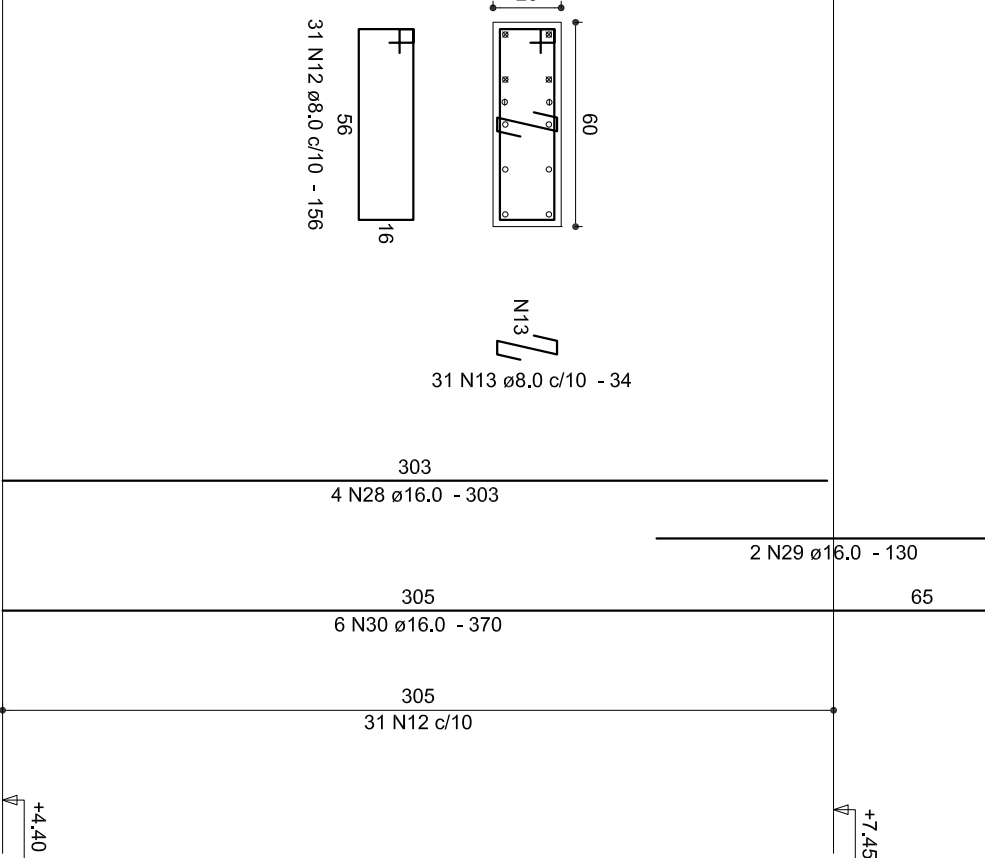
P6



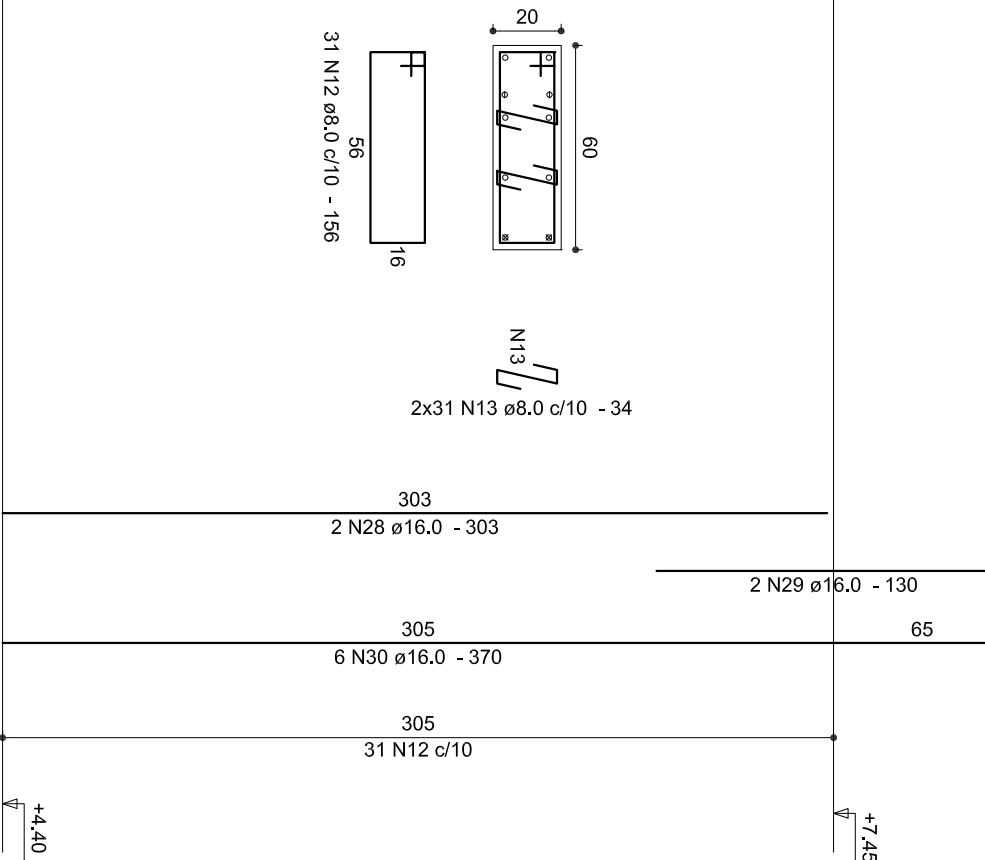
P7A=P7B (2x)



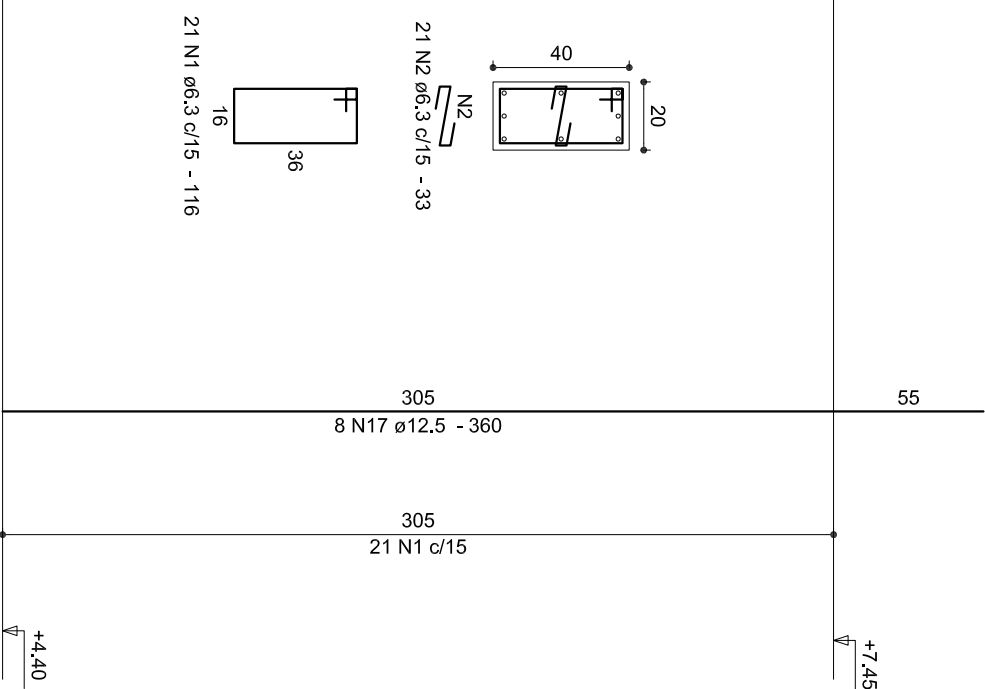
P8



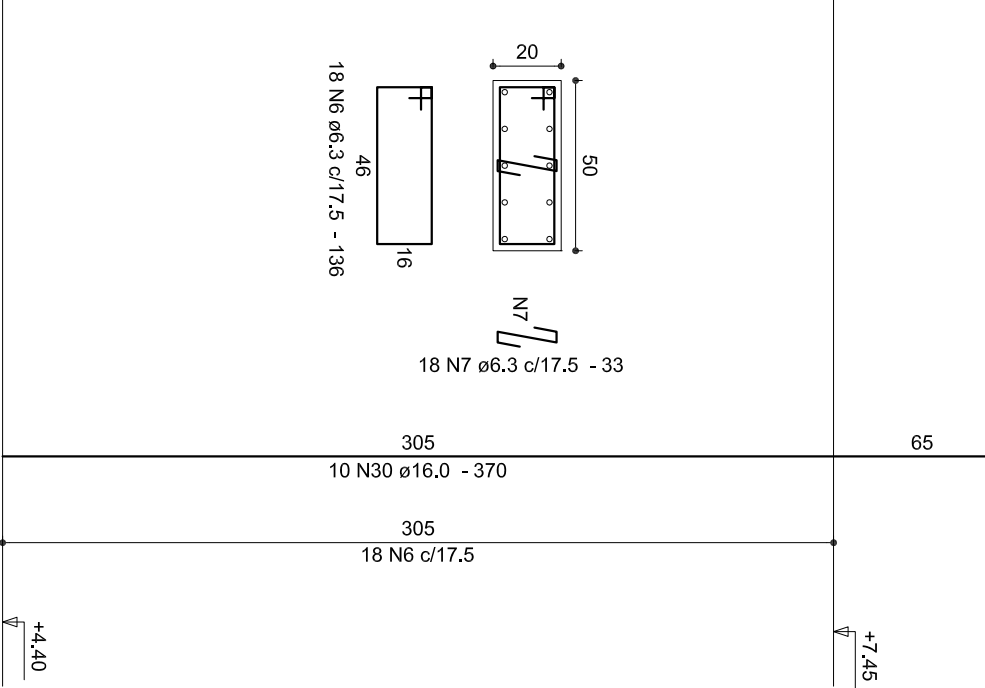
P9



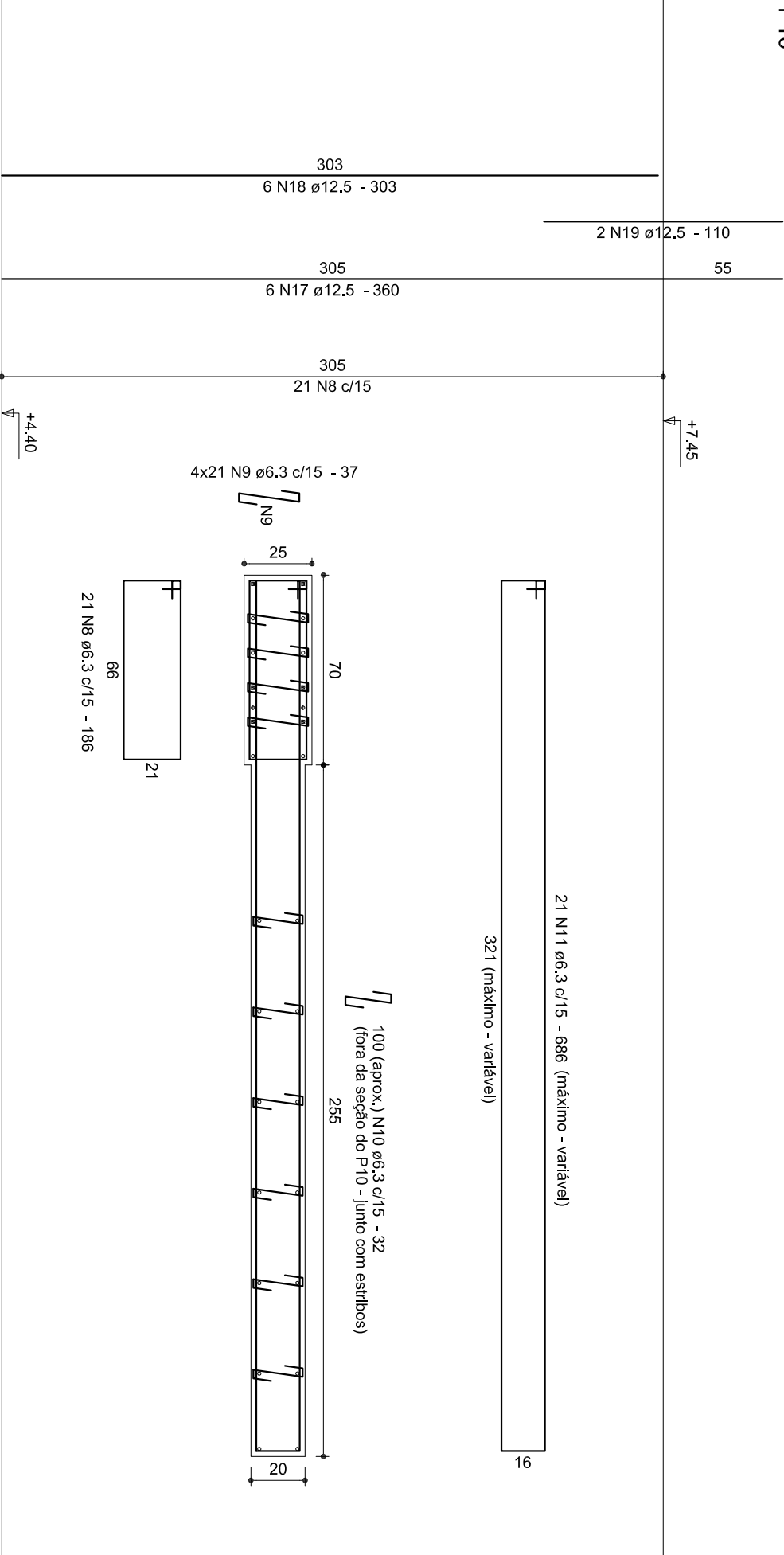
P12



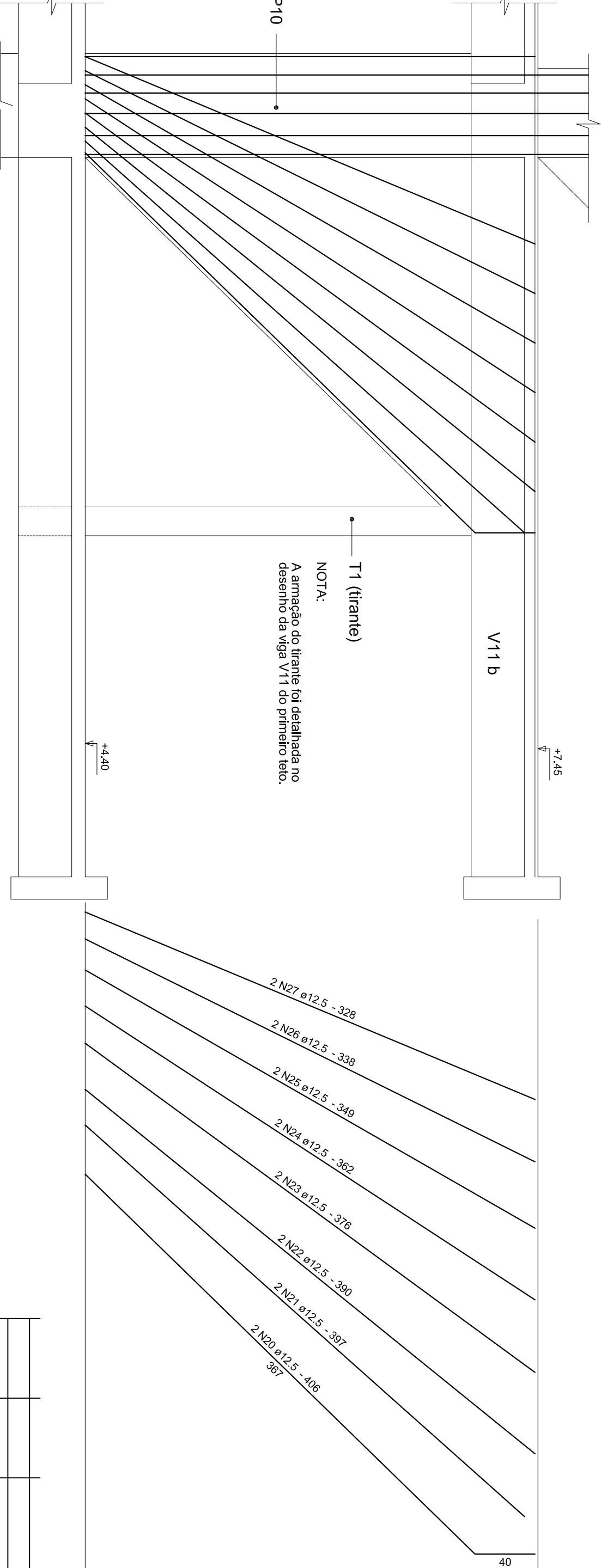
P16



P10



MF1



RELAÇÃO DO AÇO

ACO	N	DIAM	Q	UNIT	C.TOTAL
CA50	1	6.3	300	116	34800
	2	6.3	321	138	10854
	3	6.3	342	160	10854
	4	6.3	42	452	18884
	5	6.3	252	28	7095
	6	6.3	38	136	5304
	7	6.3	21	186	3965
	8	6.3	94	37	3108
	9	6.3	64	37	3108
	10	6.3	100	32	3200
	11	6.3	62	156	9672
	12	8.0	95	34	3162
	13	8.0	50	360	18000
	14	10.0	50	360	18000
	15	10.0	4	310	1242
	16	10.0	4	310	1242
	17	12.5	70	303	25200
	18	12.5	8	303	2424
	19	12.5	2	410	220
	20	12.5	2	397	794
	21	12.5	2	397	794
	22	12.5	2	390	760
	23	12.5	2	376	752
	24	12.5	2	349	698
	25	12.5	2	349	698
	26	12.5	2	338	675
	27	12.5	2	328	655
	28	12.5	2	328	655
	29	16.0	4	130	1520
	30	16.0	22	370	8140

RESUMO DOS MATERIAIS

ACO	DIAM	C.TOTAL	PESO
CA50	6.3	1750.6	50.6
	8.0	128.4	50.6
	10.0	196.6	121.2
	12.5	337.4	325
PESO TOTAL		1243.0	274.9 kg
VAL. de projeto			7.49 m³
CA50	933.4		68.74 m³

Anotações:

DIAMETRO DO AÇO PARA O DESEMPENHO NA SERRAÇÃO	ESPECIFICAR PARA CÁLCULO SERRAÇÃO
Ø 6.3	Ø 6.3
Ø 8.0	Ø 8.0
Ø 10.0	Ø 10.0
Ø 12.5	Ø 12.5
Ø 16.0	Ø 16.0
Ø 20.0	Ø 20.0
Ø 25.0	Ø 25.0
Ø 30.0	Ø 30.0
Ø 36.0	Ø 36.0
Ø 42.0	Ø 42.0
Ø 48.0	Ø 48.0
Ø 56.0	Ø 56.0
Ø 63.0	Ø 63.0
Ø 75.0	Ø 75.0
Ø 90.0	Ø 90.0
Ø 108.0	Ø 108.0
Ø 125.0	Ø 125.0
Ø 150.0	Ø 150.0
Ø 175.0	Ø 175.0
Ø 200.0	Ø 200.0
Ø 225.0	Ø 225.0
Ø 250.0	Ø 250.0
Ø 280.0	Ø 280.0
Ø 315.0	Ø 315.0
Ø 360.0	Ø 360.0
Ø 400.0	Ø 400.0
Ø 450.0	Ø 450.0
Ø 500.0	Ø 500.0
Ø 560.0	Ø 560.0
Ø 630.0	Ø 630.0
Ø 710.0	Ø 710.0
Ø 800.0	Ø 800.0
Ø 900.0	Ø 900.0
Ø 1000.0	Ø 1000.0
Ø 1100.0	Ø 1100.0
Ø 1200.0	Ø 1200.0
Ø 1300.0	Ø 1300.0
Ø 1400.0	Ø 1400.0
Ø 1500.0	Ø 1500.0
Ø 1600.0	Ø 1600.0
Ø 1700.0	Ø 1700.0
Ø 1800.0	Ø 1800.0
Ø 1900.0	Ø 1900.0
Ø 2000.0	Ø 2000.0
Ø 2100.0	Ø 2100.0
Ø 2200.0	Ø 2200.0
Ø 2300.0	Ø 2300.0
Ø 2400.0	Ø 2400.0
Ø 2500.0	Ø 2500.0
Ø 2600.0	Ø 2600.0
Ø 2700.0	Ø 2700.0
Ø 2800.0	Ø 2800.0
Ø 2900.0	Ø 2900.0
Ø 3000.0	Ø 3000.0
Ø 3100.0	Ø 3100.0
Ø 3200.0	Ø 3200.0
Ø 3300.0	Ø 3300.0
Ø 3400.0	Ø 3400.0
Ø 3500.0	Ø 3500.0
Ø 3600.0	Ø 3600.0
Ø 3700.0	Ø 3700.0
Ø 3800.0	Ø 3800.0
Ø 3900.0	Ø 3900.0
Ø 4000.0	Ø 4000.0
Ø 4100.0	Ø 4100.0
Ø 4200.0	Ø 4200.0
Ø 4300.0	Ø 4300.0
Ø 4400.0	Ø 4400.0
Ø 4500.0	Ø 4500.0
Ø 4600.0	Ø 4600.0
Ø 4700.0	Ø 4700.0
Ø 4800.0	Ø 4800.0
Ø 4900.0	Ø 4900.0
Ø 5000.0	Ø 5000.0
Ø 5100.0	Ø 5100.0
Ø 5200.0	Ø 5200.0
Ø 5300.0	Ø 5300.0
Ø 5400.0	Ø 5400.0
Ø 5500.0	Ø 5500.0
Ø 5600.0	Ø 5600.0
Ø 5700.0	Ø 5700.0
Ø 5800.0	Ø 5800.0
Ø 5900.0	Ø 5900.0
Ø 6000.0	Ø 6000.0
Ø 6100.0	Ø 6100.0
Ø 6200.0	Ø 6200.0
Ø 6300.0	Ø 6300.0
Ø 6400.0	Ø 6400.0
Ø 6500.0	Ø 6500.0
Ø 6600.0	Ø 6600.0
Ø 6700.0	Ø 6700.0
Ø 6800.0	Ø 6800.0
Ø 6900.0	Ø 6900.0
Ø 7000.0	Ø 7000.0
Ø 7100.0	Ø 7100.0
Ø 7200.0	Ø 7200.0
Ø 7300.0	Ø 7300.0
Ø 7400.0	Ø 7400.0
Ø 7500.0	Ø 7500.0
Ø 7600.0	Ø 7600.0
Ø 7700.0	Ø 7700.0
Ø 7800.0	Ø 7800.0
Ø 7900.0	Ø 7900.0
Ø 8000.0	Ø 8000.0
Ø 8100.0	Ø 8100.0
Ø 8200.0	Ø 8200.0
Ø 8300.0	Ø 8300.0
Ø 8400.0	Ø 8400.0
Ø 8500.0	Ø 8500.0
Ø 8600.0	Ø 8600.0
Ø 8700.0	Ø 8700.0
Ø 8800.0	Ø 8800.0
Ø 8900.0	Ø 8900.0
Ø 9000.0	Ø 9000.0
Ø 9100.0	Ø 9100.0
Ø 9200.0	Ø 9200.0
Ø 9300.0	Ø 9300.0
Ø 9400.0	Ø 9400.0
Ø 9500.0	Ø 9500.0
Ø 9600.0	Ø 9600.0
Ø 9700.0	Ø 9700.0
Ø 9800.0	Ø 9800.0
Ø 9900.0	Ø 9900.0
Ø 10000.0	Ø 10000.0
Ø 10100.0	Ø 10100.0
Ø 10200.0	Ø 10200.0
Ø 10300.0	Ø 10300.0
Ø 10400.0	Ø 10400.0
Ø 10500.0	Ø 10500.0
Ø 10600.0	Ø 10600.0
Ø 10700.0	Ø 10700.0
Ø 10800.0	Ø 10800.0
Ø 10900.0	Ø 10900.0
Ø 11000.0	Ø 11000.0
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Ø 11200.0	Ø 11200.0
Ø 11300.0	Ø 11300.0
Ø 11400.0	Ø 11400.0
Ø 11500.0	Ø 11500.0
Ø 11600.0	Ø 11600.0
Ø 11700.0	Ø 11700.0
Ø 11800.0	Ø 11800.0
Ø 11900.0	Ø 11900.0
Ø 12000.0	Ø 12000.0
Ø 12100.0	Ø 12100.0
Ø 12200.0	Ø 12200.0
Ø 12300.0	Ø 12300.0
Ø 12400.0	Ø 12400.0
Ø 12500.0	Ø 12500.0
Ø 12600.0	Ø 12600.0
Ø 12700.0	Ø 12700.0
Ø 12800.0	Ø 12800.0
Ø 12900.0	Ø 12900.0
Ø 13000.0	Ø 13000.0
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Ø 13500.0	Ø 13500.0
Ø 13600.0	Ø 13600.0
Ø 13700.0	Ø 13700.0
Ø 13800.0	Ø 13800.0
Ø 13900.0	Ø 13900.0
Ø 14000.0	Ø 14000.0
Ø 14100.0	Ø 14100.0
Ø 14200.0	Ø 14200.0
Ø 14300.0	Ø 14300.0
Ø 14400.0	Ø 14400.0
Ø 14500.0	Ø 14500.0
Ø 14600.0	Ø 14600.0
Ø 14700.0	Ø 14700.0
Ø 14800.0	Ø 14800.0
Ø 14900.0	Ø 14900.0
Ø 15000.0	Ø 15000.0
Ø 15100.0	Ø 15100.0
Ø 15200.0	Ø 15200.0
Ø 15300.0	Ø 15300.0
Ø 15400.0	Ø 15400.0
Ø 15500.0	Ø 15500.0
Ø 15600.0	Ø 15600.0
Ø 15700.0	Ø 15700.0
Ø 15800.0	Ø 15800.0
Ø 15900.0	Ø 15900.0
Ø 16000.0	Ø 16000.0
Ø 16100.0	Ø 16100.0
Ø 16200.0	Ø 16200.0
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Ø 16600.0	Ø 16600.0
Ø 16700.0	Ø 16700.0
Ø 16800.0	Ø 16800.0
Ø 16900.0	Ø 16900.0
Ø 17000.0	Ø 17000.0
Ø 17100.0	Ø 17100.0
Ø 17200.0	Ø 17200.0
Ø 17300.0	Ø 17300.0
Ø 17400.0	Ø 17400.0
Ø 17500.0	Ø 17500.0
Ø 17600.0	Ø 17600.0
Ø 17700.0	Ø 17700.0
Ø 17800.0	Ø 17800.0
Ø 17900.0	Ø 17900.0
Ø 18000.0	Ø 18000.0
Ø 18100.0	Ø 18100.0
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Ø 18300.0	Ø 18300.0
Ø 18400.0	Ø 18400.0
Ø 18500.0	Ø 18500.0
Ø 18600.0	Ø 18600.0
Ø 18700.0	Ø 18700.0
Ø 18800.0	Ø 18800.0
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Ø 19000.0	Ø 19000.0
Ø 19100.0	Ø 19100.0
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