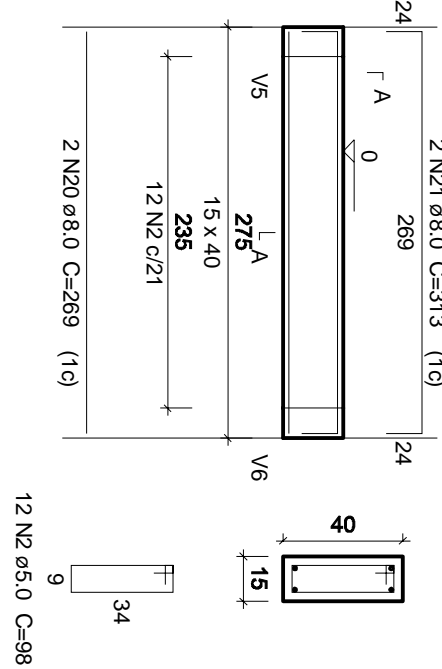


V9

SEÇÃO A-A
ESC 1:25



Relação do aço

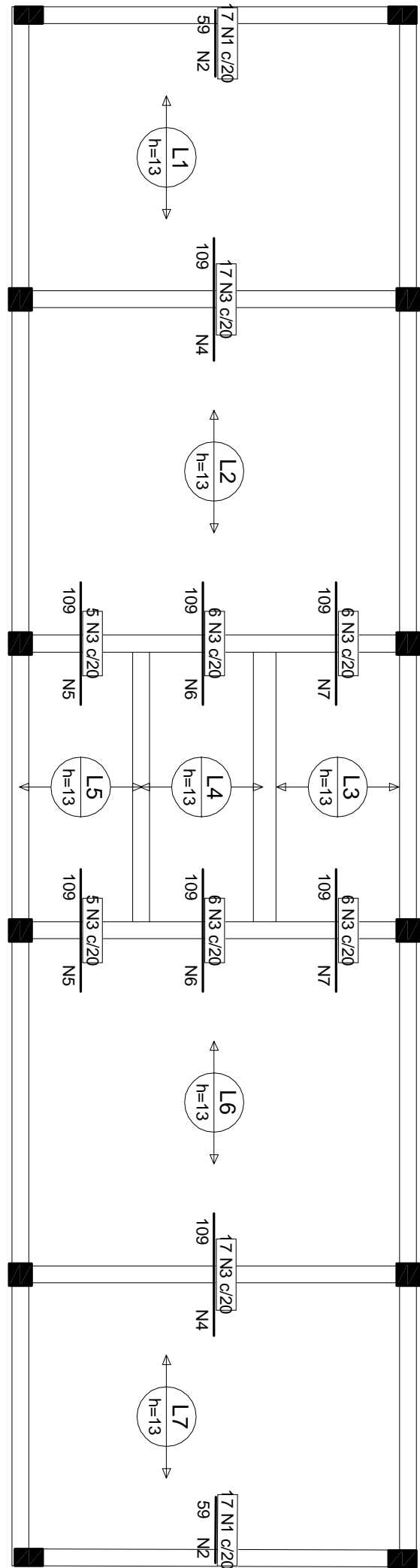
V1
V2
V3
V4
V5
V6
V7
V8
V9

ACO	N	DIAM (mm)	QUANT (un)	C.UNIT (R\$)	C.TOTAL (R\$)	PESO + 10% (kg)
CA60	1	5,0	182	108	19856	112,9
CA60	2	5,0	92	98	9016	48,6
CA60	3	8,0	2	148	296	
CA60	4	8,0	2	161	322	
CA60	5	8,0	1	135	135	
CA60	6	8,0	4	132	528	
CA60	7	8,0	2	257	514	
CA60	8	8,0	3	1198	3594	
CA60	9	8,0	2	284	568	
CA60	10	8,0	2	256	512	
CA60	11	8,0	2	1198	2396	
CA60	12	8,0	2	143	286	
CA60	13	8,0	2	143	286	
CA60	14	8,0	10	352	3520	
CA60	15	8,0	8	369	2952	
CA60	16	8,0	10	375	3750	
CA60	17	8,0	2	180	360	
CA60	18	8,0	2	180	360	
CA60	19	8,0	2	289	578	
CA60	20	8,0	2	289	578	
CA60	21	8,0	2	313	626	

Resumo do aço

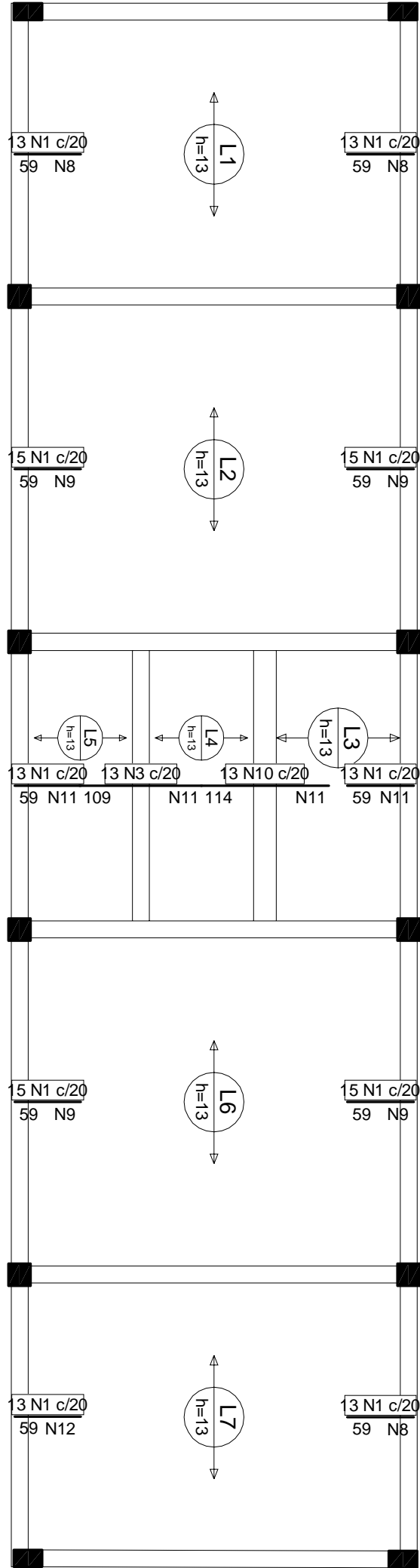
ACO	DIAM (mm)	C.TOTAL (R\$)	PESO + 10% (kg)
CA60	5,0	286,3	112,9
CA60	8,0	286,3	48,6
PESO TOTAL			
CA60	112,9		
CA60	48,6		

Volume de concreto (C-30) = 3,77 m³
Área de forma = 51,22 m²



ARMAÇÃO NEGATIVA DAS LAJES DO PAVIMENTO TÉRREO (EIXO X)

ESCALA 1:50



ARMAÇÃO NEGATIVA DAS LAJES DO PAVIMENTO TÉRREO (EIXO Y)

ESCALA 1:50

Ferro		Ferros de distribuição
N1	3 N2 a5,0 c20 C-433	6 N4 a5,0 c20 C-345
N3	6 N6 a5,0 c20 C-410	6 N7 a5,0 c20 C-410
N3	6 N7 a5,0 c20 C-410	6 N8 a5,0 c20 C-410
N3	6 N8 a5,0 c20 C-410	6 N9 a5,0 c20 C-410
N3	6 N9 a5,0 c20 C-410	6 N10 a5,0 c20 C-410
N3	6 N10 a5,0 c20 C-410	6 N11 a5,0 c20 C-410
N3	6 N11 a5,0 c20 C-410	6 N12 a5,0 c20 C-410
N3	6 N12 a5,0 c20 C-410	6 N13 a5,0 c20 C-410
N3	6 N13 a5,0 c20 C-410	6 N14 a5,0 c20 C-410
N3	6 N14 a5,0 c20 C-410	6 N15 a5,0 c20 C-410
N3	6 N15 a5,0 c20 C-410	6 N16 a5,0 c20 C-410
N3	6 N16 a5,0 c20 C-410	6 N17 a5,0 c20 C-410
N3	6 N17 a5,0 c20 C-410	6 N18 a5,0 c20 C-410
N3	6 N18 a5,0 c20 C-410	6 N19 a5,0 c20 C-410
N3	6 N19 a5,0 c20 C-410	6 N20 a5,0 c20 C-410
N3	6 N20 a5,0 c20 C-410	6 N21 a5,0 c20 C-410
N3	6 N21 a5,0 c20 C-410	6 N22 a5,0 c20 C-410
N3	6 N22 a5,0 c20 C-410	6 N23 a5,0 c20 C-410
N3	6 N23 a5,0 c20 C-410	6 N24 a5,0 c20 C-410
N3	6 N24 a5,0 c20 C-410	6 N25 a5,0 c20 C-410
N3	6 N25 a5,0 c20 C-410	6 N26 a5,0 c20 C-410
N3	6 N26 a5,0 c20 C-410	6 N27 a5,0 c20 C-410
N3	6 N27 a5,0 c20 C-410	6 N28 a5,0 c20 C-410
N3	6 N28 a5,0 c20 C-410	6 N29 a5,0 c20 C-410
N3	6 N29 a5,0 c20 C-410	6 N30 a5,0 c20 C-410
N3	6 N30 a5,0 c20 C-410	6 N31 a5,0 c20 C-410
N3	6 N31 a5,0 c20 C-410	6 N32 a5,0 c20 C-410
N3	6 N32 a5,0 c20 C-410	6 N33 a5,0 c20 C-410
N3	6 N33 a5,0 c20 C-410	6 N34 a5,0 c20 C-410
N3	6 N34 a5,0 c20 C-410	6 N35 a5,0 c20 C-410
N3	6 N35 a5,0 c20 C-410	6 N36 a5,0 c20 C-410
N3	6 N36 a5,0 c20 C-410	6 N37 a5,0 c20 C-410
N3	6 N37 a5,0 c20 C-410	6 N38 a5,0 c20 C-410
N3	6 N38 a5,0 c20 C-410	6 N39 a5,0 c20 C-410
N3	6 N39 a5,0 c20 C-410	6 N40 a5,0 c20 C-410
N3	6 N40 a5,0 c20 C-410	6 N41 a5,0 c20 C-410
N3	6 N41 a5,0 c20 C-410	6 N42 a5,0 c20 C-410
N3	6 N42 a5,0 c20 C-410	6 N43 a5,0 c20 C-410
N3	6 N43 a5,0 c20 C-410	6 N44 a5,0 c20 C-410
N3	6 N44 a5,0 c20 C-410	6 N45 a5,0 c20 C-410
N3	6 N45 a5,0 c20 C-410	6 N46 a5,0 c20 C-410
N3	6 N46 a5,0 c20 C-410	6 N47 a5,0 c20 C-410
N3	6 N47 a5,0 c20 C-410	6 N48 a5,0 c20 C-410
N3	6 N48 a5,0 c20 C-410	6 N49 a5,0 c20 C-410
N3	6 N49 a5,0 c20 C-410	6 N50 a5,0 c20 C-410
N3	6 N50 a5,0 c20 C-410	6 N51 a5,0 c20 C-410
N3	6 N51 a5,0 c20 C-410	6 N52 a5,0 c20 C-410
N3	6 N52 a5,0 c20 C-410	6 N53 a5,0 c20 C-410
N3	6 N53 a5,0 c20 C-410	6 N54 a5,0 c20 C-410
N3	6 N54 a5,0 c20 C-410	6 N55 a5,0 c20 C-410
N3	6 N55 a5,0 c20 C-410	6 N56 a5,0 c20 C-410
N3	6 N56 a5,0 c20 C-410	6 N57 a5,0 c20 C-410
N3	6 N57 a5,0 c20 C-410	6 N58 a5,0 c20 C-410
N3	6 N58 a5,0 c20 C-410	6 N59 a5,0 c20 C-410
N3	6 N59 a5,0 c20 C-410	6 N60 a5,0 c20 C-410
N3	6 N60 a5,0 c20 C-410	6 N61 a5,0 c20 C-410
N3	6 N61 a5,0 c20 C-410	6 N62 a5,0 c20 C-410
N3	6 N62 a5,0 c20 C-410	6 N63 a5,0 c20 C-410
N3	6 N63 a5,0 c20 C-410	6 N64 a5,0 c20 C-410
N3	6 N64 a5,0 c20 C-410	6 N65 a5,0 c20 C-410
N3	6 N65 a5,0 c20 C-410	6 N66 a5,0 c20 C-410
N3	6 N66 a5,0 c20 C-410	6 N67 a5,0 c20 C-410
N3	6 N67 a5,0 c20 C-410	6 N68 a5,0 c20 C-410
N3	6 N68 a5,0 c20 C-410	6 N69 a5,0 c20 C-410
N3	6 N69 a5,0 c20 C-410	6 N70 a5,0 c20 C-410
N3	6 N70 a5,0 c20 C-410	6 N71 a5,0 c20 C-410
N3	6 N71 a5,0 c20 C-410	6 N72 a5,0 c20 C-410
N3	6 N72 a5,0 c20 C-410	6 N73 a5,0 c20 C-410
N3	6 N73 a5,0 c20 C-410	6 N74 a5,0 c20 C-410
N3	6 N74 a5,0 c20 C-410	6 N75 a5,0 c20 C-410
N3	6 N75 a5,0 c20 C-410	6 N76 a5,0 c20 C-410
N3	6 N76 a5,0 c20 C-410	6 N77 a5,0 c20 C-410
N3	6 N77 a5,0 c20 C-410	6 N78 a5,0 c20 C-410
N3	6 N78 a5,0 c20 C-410	6 N79 a5,0 c20 C-410
N3	6 N79 a5,0 c20 C-410	6 N80 a5,0 c20 C-410
N3	6 N80 a5,0 c20 C-410	6 N81 a5,0 c20 C-410
N3	6 N81 a5,0 c20 C-410	6 N82 a5,0 c20 C-410
N3	6 N82 a5,0 c20 C-410	6 N83 a5,0 c20 C-410
N3	6 N83 a5,0 c20 C-410	6 N84 a5,0 c20 C-410
N3	6 N84 a5,0 c20 C-410	6 N85 a5,0 c20 C-410
N3	6 N85 a5,0 c20 C-410	6 N86 a5,0 c20 C-410
N3	6 N86 a5,0 c20 C-410	6 N87 a5,0 c20 C-410
N3	6 N87 a5,0 c20 C-410	6 N88 a5,0 c20 C-410
N3	6 N88 a5,0 c20 C-410	6 N89 a5,0 c20 C-410
N3	6 N89 a5,0 c20 C-410	6 N90 a5,0 c20 C-410
N3	6 N90 a5,0 c20 C-410	6 N91 a5,0 c20 C-410
N3	6 N91 a5,0 c20 C-410	6 N92 a5,0 c20 C-410
N3	6 N92 a5,0 c20 C-410	6 N93 a5,0 c20 C-410
N3	6 N93 a5,0 c20 C-410	6 N94 a5,0 c20 C-410
N3	6 N94 a5,0 c20 C-410	6 N95 a5,0 c20 C-410
N3	6 N95 a5,0 c20 C-410	6 N96 a5,0 c20 C-410
N3	6 N96 a5,0 c20 C-410	6 N97 a5,0 c20 C-410
N3	6 N97 a5,0 c20 C-410	6 N98 a5,0 c20 C-410
N3	6 N98 a5,0 c20 C-410	6 N99 a5,0 c20 C-410
N3	6 N99 a5,0 c20 C-410	6 N100 a5,0 c20 C-410
N3	6 N100 a5,0 c20 C-410	6 N101 a5,0 c20 C-410
N3	6 N101 a5,0 c20 C-410	6 N102 a5,0 c20 C-410
N3	6 N102 a5,0 c20 C-410	6 N103 a5,0 c20 C-410
N3	6 N103 a5,0 c20 C-410	6 N104 a5,0 c20 C-410
N3	6 N104 a5,0 c20 C-410	6 N105 a5,0 c20 C-410
N3	6 N105 a5,0 c20 C-410	6 N106 a5,0 c20 C-410
N3	6 N106 a5,0 c20 C-410	6 N107 a5,0 c20 C-410
N3	6 N107 a5,0 c20 C-410	6 N108 a5,0 c20 C-410
N3	6 N108 a5,0 c20 C-410	6 N109 a5,0 c20 C-410
N3	6 N109 a5,0 c20 C-410	6 N110 a5,0 c20 C-410
N3	6 N110 a5,0 c20 C-410	6 N111 a5,0 c20 C-410
N3	6 N111 a5,0 c20 C-410	6 N112 a5,0 c20 C-410
N3	6 N112 a5,0 c20 C-410	6 N113 a5,0 c20 C-410
N3	6 N113 a5,0 c20 C-410	6 N114 a5,0 c20 C-410
N3	6 N114 a5,0 c20 C-410	6 N115 a5,0 c20 C-410
N3	6 N115 a5,0 c20 C-410	6 N116 a5,0 c20 C-410
N3	6 N116 a5,0 c20 C-410	6 N117 a5,0 c20 C-410
N3	6 N117 a5,0 c20 C-410	6 N118 a5,0 c20 C-410
N3	6 N118 a5,0 c20 C-410	6 N119 a5,0 c20 C-410
N3	6 N119 a5,0 c20 C-410	6 N120 a5,0 c20 C-410
N3	6 N120 a5,0 c20 C-410	6 N121 a5,0 c20 C-410
N3	6 N121 a5,0 c20 C-410	6 N122 a5,0 c20 C-410
N3	6 N122 a5,0 c20 C-410	6 N123 a5,0 c20 C-410
N3	6 N123 a5,0 c20 C-410	6 N124 a5,0 c20 C-410
N3	6 N124 a5,0 c20 C-410	6 N125 a5,0 c20 C-410
N3	6 N125 a5,0 c20 C-410	6 N126 a5,0 c20 C-410
N3	6 N126 a5,0 c20 C-410	6 N127 a5,0 c20 C-410
N3	6 N127 a5,0 c20 C-410	6 N128 a5,0 c20 C-410
N3	6 N128 a5,0 c20 C-410	6 N129 a5,0 c20 C-410
N3	6 N129 a5,0 c20 C-410	6 N130 a5,0 c20 C-410
N3	6 N130 a5,0 c20 C-410	6 N131 a5,0 c20 C-410
N3	6 N131 a5,0 c20 C-410	6 N132 a5,0 c20 C-410
N3	6 N132 a5,0 c20 C-410	6 N133 a5,0 c20 C-410
N3	6 N133 a5,0 c20 C-410	6 N134 a5,0 c20 C-410
N3	6 N134 a5,0 c20 C-410	6 N135 a5,0 c20 C-410
N3	6 N135 a5,0 c20 C-410	6 N136 a5,0 c20 C-410
N3	6 N136 a5,0 c20 C-410	6 N137 a5,0 c20 C-410
N3	6 N137 a5,0 c20 C-410	6 N138 a5,0 c20 C-410
N3	6 N138 a5,0 c20 C-410	6 N139 a5,0 c20 C-410
N3	6 N139 a5,0 c20 C-410	6 N140 a5,0 c20 C-410
N3	6 N140 a5,0 c20 C-410	6 N141 a5,0 c20 C-410
N3	6 N141 a5,0 c20 C-410	6 N142 a5,0 c20 C-410
N3	6 N142 a5,0 c20 C-410	6 N143 a5,0 c20 C-410
N3	6 N143 a5,0 c20 C-410	6 N144 a5,0 c20 C-410
N3	6 N144 a5,0 c20 C-410	6 N145 a5,0 c20 C-410
N3	6 N145 a5,0 c20 C-410	6 N146 a5,0 c20 C-410
N3	6 N146 a5,0 c20 C-410	6 N147 a5,0 c20 C-410
N3	6 N147 a5,0 c20 C-410	6 N148 a5,0 c20 C-410
N3	6 N148 a5,0 c20 C-410	6 N149 a5,0 c20 C-410
N3	6 N149 a5,0 c20 C-410	6 N150 a5,0 c20 C-410
N3	6 N150 a5,0 c20 C-410	6 N151 a5,0 c20 C-410
N3	6 N151 a5,0 c20 C-410	6 N152 a5,0 c20 C-410
N3	6 N152 a5,0 c20 C-410	6 N153 a5,0 c20 C-410
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N3	6 N154 a5,0 c20 C-410	6 N155 a5,0 c20 C-410
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N3	6 N158 a5,0 c20 C-410	6 N159 a5,0 c20 C-410
N3	6 N159 a5,0 c20 C-410	6 N160 a5,0 c20 C-410
N3	6 N160 a5,0 c20 C-410	6 N161 a5,0 c20 C-410
N3	6 N161 a5,0 c20 C-410	6 N162 a5,0 c20 C-410
N3	6 N162 a5,0 c20 C-410	6 N163 a5,0 c20 C-410
N3	6 N163 a5,0 c20 C-410	6 N164 a5,0 c20 C-410
N3	6 N164 a5,0 c20 C-410	6 N165 a5,0 c20 C-410
N3	6 N165 a5,0 c20 C-410	6 N166 a5,0 c20 C-410
N3	6 N166 a5,0 c20 C-410	6 N167 a5,0 c20 C-410
N3	6 N167 a5,0 c20 C-410	6 N168 a5,0 c20 C-410
N3	6 N168 a5,0 c20 C-410	6 N169 a5,0 c20 C-410
N3	6 N169 a5,0 c20 C-410	6 N170 a5,0 c20 C-410
N3	6 N170 a5,0 c20 C-410	6 N171 a5,0 c20 C-410
N3	6 N171 a5,0 c20 C-410	6 N172 a5,0 c20 C-410
N3	6 N172 a5,0 c20 C-410	6 N173 a5,0 c20 C-410
N3	6 N173 a5,0 c20 C-410	6 N174 a5,0 c20 C-410
N3	6 N174 a5,0 c20 C-410	6 N175 a5,0 c20 C-410
N3	6 N175 a5,0 c20 C-410	6 N176 a5,0 c20 C-410
N3	6 N176 a5,0 c20 C-410	6 N177 a5,0 c20 C-410
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N3	6 N180 a5,0 c20 C-410	6 N181 a5,0 c20 C-410
N3	6 N181 a5,0 c20 C-410	6 N182 a5,0 c20 C-410
N3	6 N182 a5,0 c20 C-410	6 N183 a5,0 c20 C-410
N3	6 N183 a5,0 c20 C-410	6 N184 a5,0 c20 C-410
N3	6 N184 a5,0 c20 C-410	6 N185 a5,0 c20 C-410
N3	6 N185 a5,0 c20 C-410	6 N186 a5,0 c20 C-410
N3	6 N186 a5,0 c20 C-410	6 N187 a5,0 c20 C-410
N3	6 N187 a5,0 c20 C-410	6 N188 a5,0 c20 C-410
N3	6 N188 a5,0 c20 C-410	6 N189 a5,0 c20 C-410
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N3	6 N194 a5,0 c20 C-410	6 N195 a5,0 c20 C-410
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N3	6 N199 a5,0 c20 C-410	6 N200 a5,0 c20 C-410
N3	6 N200 a5,0 c20 C-410	6 N201 a5,0 c20 C-410
N3	6 N201 a5,0 c20 C-410	6 N202 a5,0 c20 C-410
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N3	6 N203 a5,0 c20 C-410	6 N204 a5,0 c20 C-410
N3	6 N204 a5,0 c20 C-410	6 N205 a5,0 c20 C-410
N3	6 N205 a5,0 c20 C-410	6 N206 a5,0 c20 C-410
N3	6 N206 a5,0 c20 C-410	6 N207 a5,0 c20 C-410
N3	6 N207 a5,0 c20 C-410	6 N208 a5,0 c20 C-410
N3	6 N208 a5,0 c20 C-410	6 N209 a5,0 c20 C-410
N3	6 N209 a5,0 c20 C-410	6 N210 a5,0 c20 C-410
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N3	6 N212 a5,0 c20 C-410	6 N213 a5,0 c20 C-410
N3	6 N213 a5,0 c20 C-410	6 N214 a5,0 c20 C-410
N3	6 N214 a5,0 c20 C-410	6 N215 a5,0 c20 C-410
N3	6 N215 a5,0 c20 C-410	6 N216 a5,0 c20 C-410
N3	6 N216 a5,0 c20 C-410	6 N217 a5,0 c20 C-410
N3	6 N217 a5,0 c20 C-410	6 N218 a5,0 c20 C-410
N3	6 N218 a5,0 c20 C-410	6 N219 a5,0 c20 C-410
N3	6 N219 a5,0 c20 C-410	6 N220 a5,0 c20 C-410
N3	6 N220 a5,0 c20 C-410	6 N221 a5,0 c20 C-410
N3	6 N221 a5,0 c20 C-410	6 N222 a5,0 c20 C-410
N3	6 N222 a5,0 c20 C-410	6 N223 a5,0 c20 C-410
N3	6 N223 a5,0 c20 C-410	6 N224 a5,0 c20 C-410
N3	6 N224 a5,0 c20 C-410	6 N225 a5,0 c20 C-410
N3	6 N225 a5,0 c20 C-410	6 N226 a5,0 c20 C-410
N3	6 N226 a5,0 c20 C-410	6 N227 a5,0 c20 C-410
N3	6 N227 a5,0 c20 C-410	6 N228 a5,0 c20 C-410
N3	6 N228 a5,0 c20 C-410	6 N229 a5,0 c20 C-410
N3	6 N229 a5,0 c20 C-410	6 N230 a5,0 c20 C-410
N3	6 N230 a5,0 c20 C-410	6 N231 a5,0 c20 C-410
N3	6 N231 a5,0 c20 C-410	6 N232 a5,0 c20 C-410
N3	6 N232 a5,0 c20 C-410	6 N233 a5,0 c20 C-410
N3	6 N233 a5,0 c20 C-410	6 N234 a5,0 c20 C-410
N3	6 N234 a5,0 c20 C-410	6 N235 a5,0 c20 C-410
N3	6 N235 a5,0 c20 C-410	6 N236 a5,0 c20 C-410
N3	6 N236 a5,0 c20 C-410	6 N237 a5,0 c20 C-410
N3	6 N237 a5,0 c20 C-410	