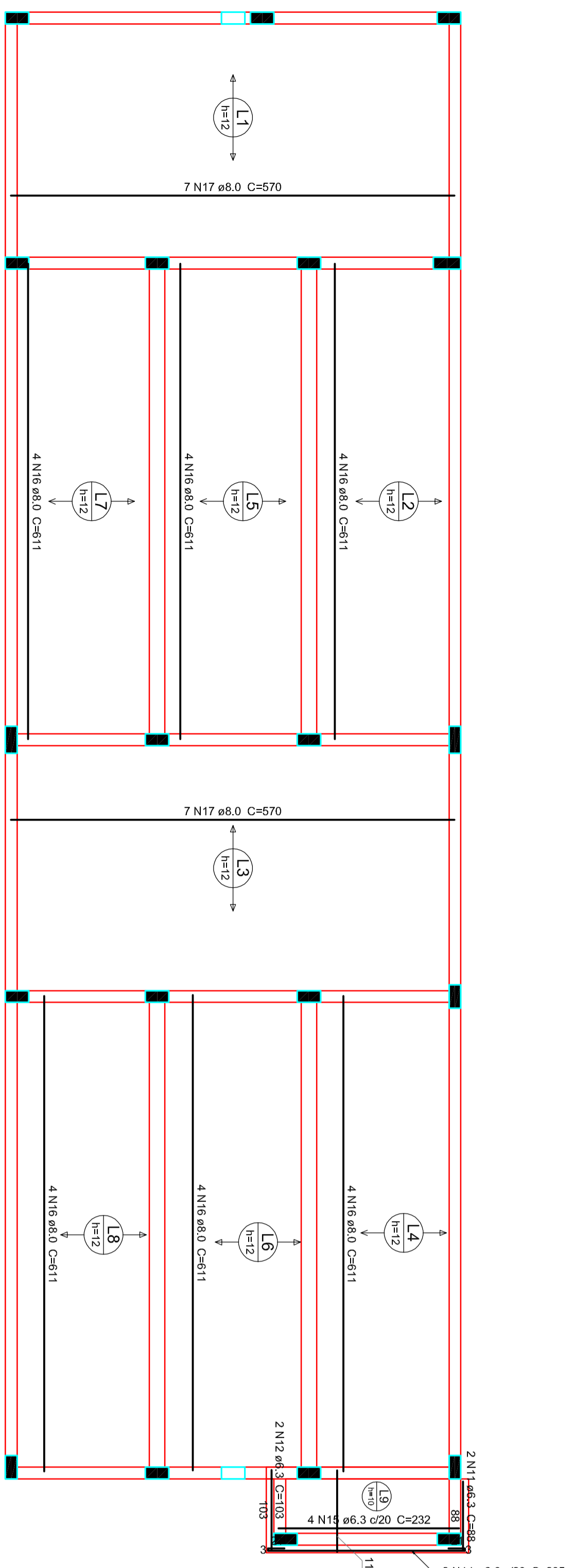
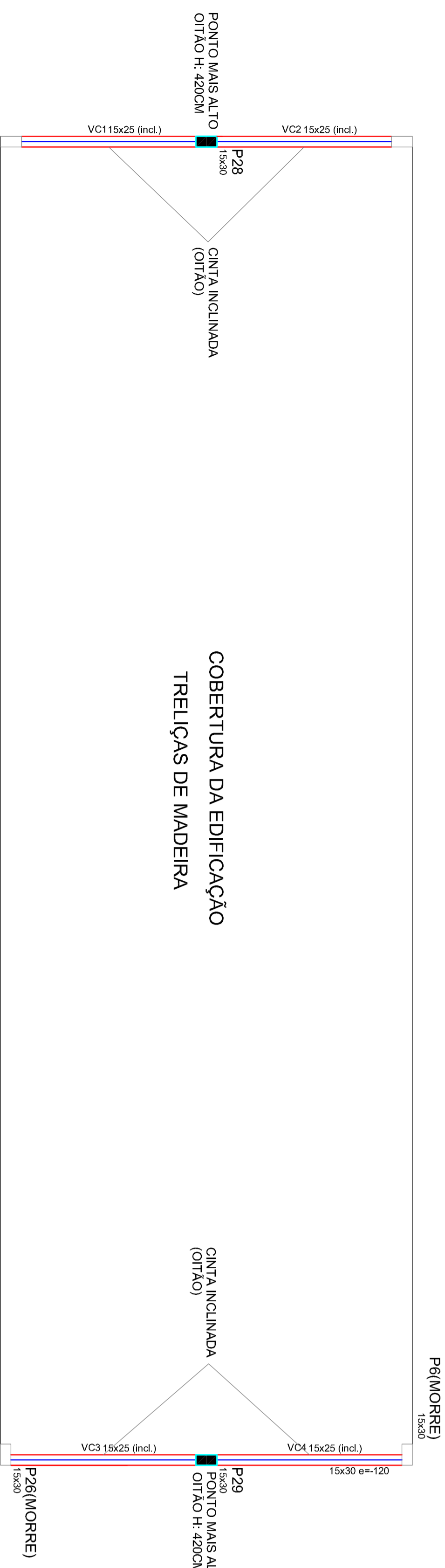


Barra	Forma de distribuição	Comprimento	Quantidade	Volume
N6	11 N6 ø6.3 c/20 C-84	11.10	11	0.000
N6	11 N6 ø6.3 c/20 C-84	11.10	11	0.000
N6	11 N6 ø6.3 c/20 C-84	11.10	11	0.000
N6	11 N6 ø6.3 c/20 C-84	11.10	11	0.000
N6	11 N6 ø6.3 c/20 C-84	11.10	11	0.000
N6	11 N6 ø6.3 c/20 C-84	11.10	11	0.000
N6	11 N6 ø6.3 c/20 C-84	11.10	11	0.000
N6	11 N6 ø6.3 c/20 C-84	11.10	11	0.000
N6	11 N6 ø6.3 c/20 C-84	11.10	11	0.000
N6	11 N6 ø6.3 c/20 C-84	11.10	11	0.000

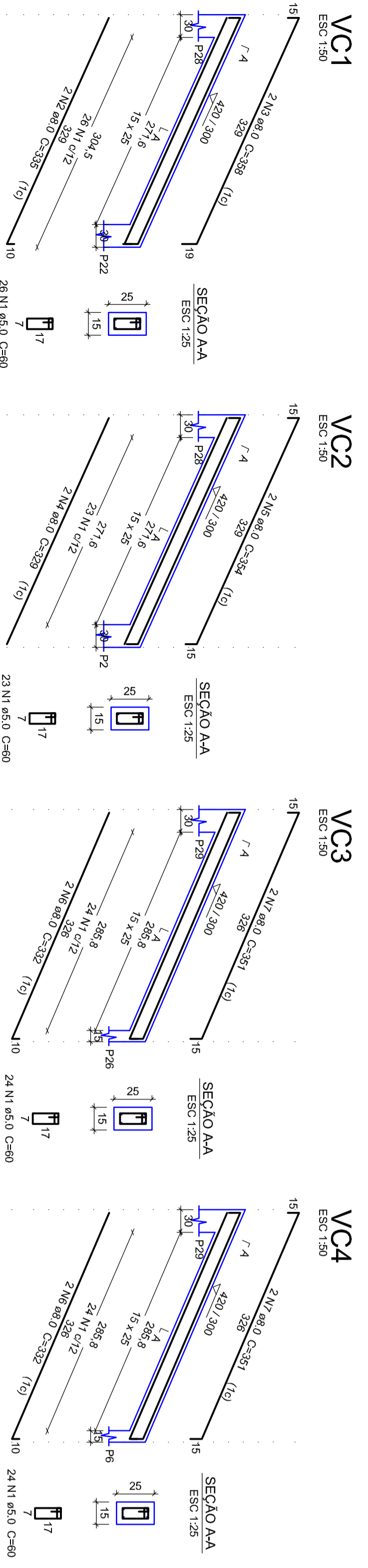
LAJES - ARMADURA NEGATIVA
ESC. 1:50



LAJES - ARMADURA POSITIVA
ESC. 1:50

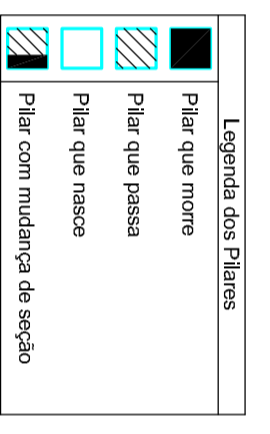


PLANTA FORMA - VIGAS OITÃO
ESC. 1:50



Nome	Sigla	Extensão	Vol
VC1	15x25	0,10	420,700
VC2	15x25	0,10	420,700
VC3	15x25	0,10	420,700
VC4	15x25	0,10	420,700

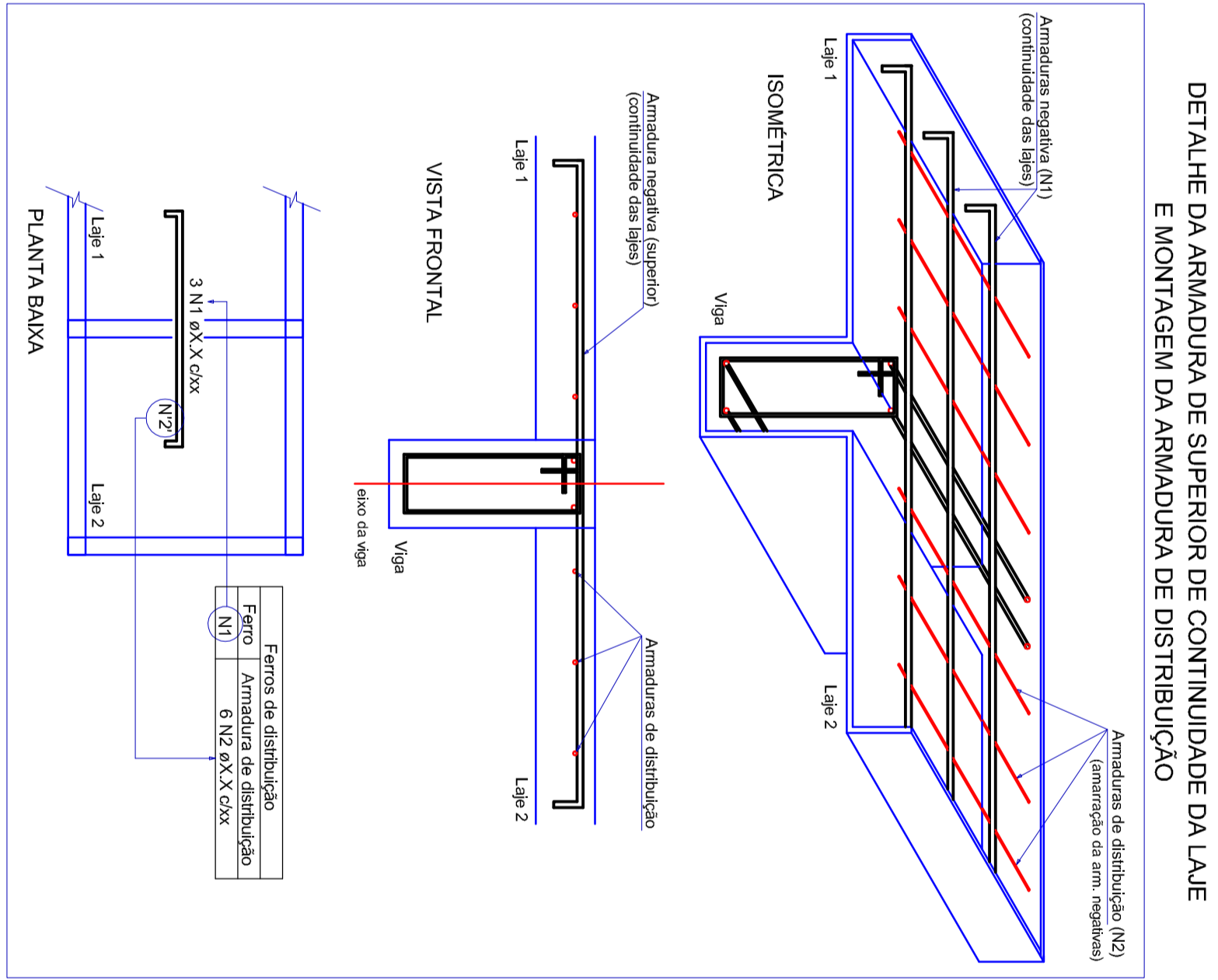
Nome	Sigla	Extensão	Vol
VC1	15x25	0,10	420,700
VC2	15x25	0,10	420,700
VC3	15x25	0,10	420,700
VC4	15x25	0,10	420,700



Relatório do aço

ACO	N	DM	Q	UMF	C TOTAL
C400	1	5,0	2	336	672
C400	2	8,0	2	320	640
C400	3	8,0	2	320	640
C400	4	8,0	2	320	640
C400	5	8,0	2	320	640
C400	6	8,0	2	320	640
C400	7	8,0	4	351	1404

ACO	DM	C TOTAL	RESQ - 10%
C400	8,0	672	604,8
C400	5,0	640	576,0
C400	5,0	640	576,0
C400	5,0	640	576,0
C400	5,0	640	576,0
C400	5,0	640	576,0
C400	5,0	640	576,0
C400	5,0	640	576,0
C400	5,0	640	576,0
C400	5,0	640	576,0



DETALHE DA ARMADURA DE SUPERIOR DE CONTINUIDADE DA LAJE
E MONTAGEM DA ARMADURA DE DISTRIBUIÇÃO

Relatório do aço

ACO	N	DM	Q	UMF	C TOTAL
C400	1	5,0	2	221	442
C400	2	5,0	2	221	442
C400	3	5,0	4	306	1224
C400	4	5,0	4	340	1360
C400	5	5,0	4	340	1360
C400	6	5,0	4	340	1360
C400	7	5,0	4	340	1360
C400	8	5,0	4	340	1360
C400	9	5,0	4	340	1360
C400	10	5,0	4	340	1360
C400	11	5,0	4	340	1360
C400	12	5,0	4	340	1360
C400	13	5,0	4	340	1360
C400	14	5,0	4	340	1360
C400	15	5,0	4	340	1360
C400	16	5,0	4	340	1360
C400	17	5,0	4	340	1360
C400	18	5,0	4	340	1360
C400	19	5,0	4	340	1360
C400	20	5,0	4	340	1360

ACO	DM	C TOTAL	RESQ - 10%
C400	8,0	1471	1323,9
C400	5,0	96	864,0
C400	5,0	96	864,0
C400	5,0	96	864,0
C400	5,0	96	864,0
C400	5,0	96	864,0
C400	5,0	96	864,0
C400	5,0	96	864,0
C400	5,0	96	864,0
C400	5,0	96	864,0

- NOTAS**
- Confrontar medidas do projeto estrutural com projeto arquitetônico
 - Executar passagem de tubulação de água, esgoto e eletricidade
 - Molhar as formas antes da concretagem
 - Conservar fôrmas as peças concretadas durante o tempo de cura
 - Executar limpeza de formas ou partes da estrutura em contato com o concreto
 - Usar opóio no tipo concreto para manter armaduras positivas em posição durante a concretagem

COBRIMENTO DAS ARMADURAS

Elementos Estruturais	Cobrimento Nominal
Placas	4,0 cm
Colunas	4,0 cm
Beirões	3,5 cm
Lajes	3,5 cm
Sarjetas	4,0 cm

CARACTERÍSTICAS DO CONCRETO

Classe de Resistência	C-30
Módulo de Elasticidade	280 147/cm²
Fator β	< 0,95

ENGEON

MEI

AURORA XAVIER SANTOS

PROJETO ESTRUTURAL

PROJETO ESTRUTURAL

05/07