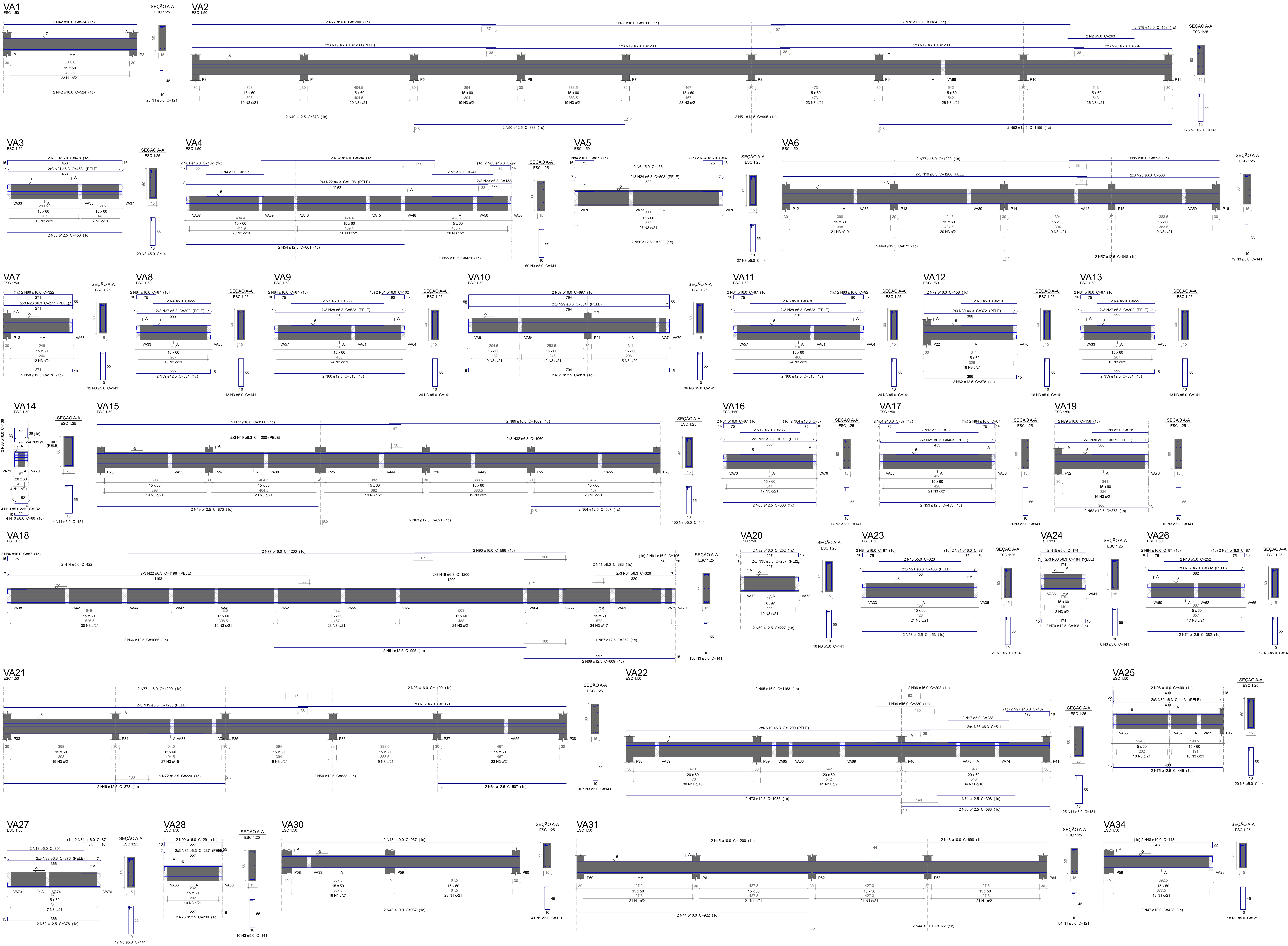
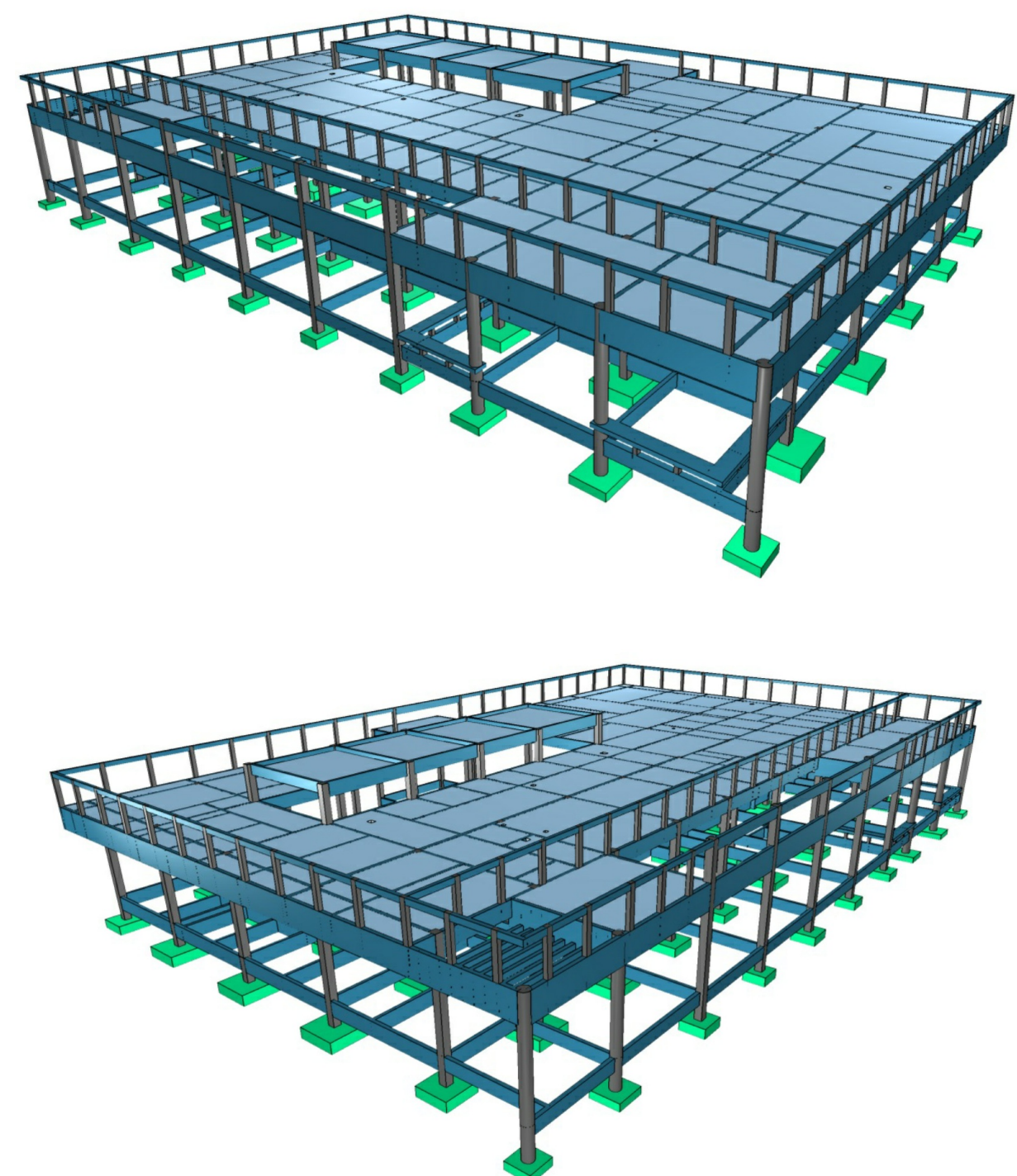




Relação do aço						
V1A	V2A	V3A				
V4A	V1A	V2A				
V5A	V6A	V7A				
V8A	V1A	V2A				
V9A	V1A	V2A				
V10A	V1A	V2A				
V11A	V1A	V2A				
V12A	V1A	V2A				
V13A	V1A	V2A				
V14A	V1A	V2A				
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V99A	V1A	V2A				
V100A	V1A	V2A				



DETALHES ORIENTATIVOS:

ORIENTAÇÕES CONSTRUTIVAS:

1. CONCRETO Fck=25 MPa (30 kgf/cm²); FATOR AJUSTAMENTO MÁXIMO = 0.60; CONSUMO MÍNIMO DE CIMENTO = 300 kg/m³; CLASSE DE RESISTÊNCIA AMBIENTAL: III; MODERADA; DIMENSÃO MÁXIMA DO ÁGREGADO GRÁVIL: 16mm.
2. ESTRUCTURA DE CONCRETO FCK=25 MPa (30 kgf/cm²) PARA UM PERÍODO MÍNIMO DE 50 ANOS, MANTENDO LINDEIRA A SUPERFÍCIE EXTERIOR PROTEGENDO-A.
3. USAR DISTANCIADORES PARA GARANTIR OS CORREIMENTOS INDICADOS.
4. CONFIRMAR MEDIDAS NO LOCAL ANTES DE EXECUTAR OS SERVIÇOS, UNIDADE DE MEDIDA = CENTÍMETROS.
5. TOLERÂNCIAS PARA ESTRUCTURAS DE CONCRETO: DIMENSÕES DE SEÇÃO E POSIÇÕES DE REBARBAS: 10mm; DIMENSÃO DE SEÇÃO E POSIÇÕES DE REBARBAS: 10mm; DIMENSÃO DE SEÇÃO E POSIÇÕES DE REBARBAS: 10mm.
6. A EXECUÇÃO DA ESTRUCTURA DEVERÁ OBEDECER AS PRESCRIÇÕES DA NBR 6118/2019.
7. NÃO UTILIZAR ALVENARIA DE VEDAÇÃO COMO FORMA PARA ELEMENTOS ESTRUCTURAIS.
8. UTILIZAR VARGA E CONTRAVARGA NAS ABERTURAS DA ALVENARIA.
9. O ENQUADRAMENTO DA ALVENARIA DEVERÁ SER ORIENTADO PELO RESPONSÁVEL TÉCNICO DA OBRA, PARA QUE SEJAM EVITADAS CONCENTRAÇÕES DE TENSÃO NOS BORDOS DE VEDAÇÃO E POSSÍVEIS FISSURAS.
10. COMPACTAR O SOLO E LANCAR CAMADA DE RELEVO E CIMENTO MISTURADO NO NÍVEL DAS SARTANES, BLOCOS E BALDADES, QUANDO FOR O CASO, PARA QUE NÃO HAJA MISTURA ENTRE O SOLO E O CONCRETO ESTRUCTURAL DOS ELEMENTOS.
11. AS FASES DOS ELEMENTOS DE FUNDÇÃO E ELEMENTOS EM CONTATO COM O SOLO DEVERÃO SER IMPERMEABILIZADOS COM EMALHAÇÃO AFÁTICA TIPO NEUTRO, OU EQUIVALENTE TÉCNICO.
12. VERIFICAR ANTES DA CONCRETAGEM: POSIÇÃO DAS FUNDÇÕES DE TUBULOS DE INSTALAÇÃO.
13. CANALIZAÇÕES EMBUTIDAS VERTICALMENTE NOS PAREDES E VIGAS NÃO PODERÃO OCORRER, SORRENTE SENTE PERMITIDAS FURAÇÕES QUE RESPEITEM OS ITENS 13.2.1 E 21.3.3 DA NBR 6150/2014.
14. CONFIRMAR ANTES DA IMPLANTAÇÃO A IMPLANTAÇÃO DOS EIXOS E FIM DE QUE A OBRA SEJA LOCALADA CORRETAMENTE DENTRO DO TERRENO.
15. VERIFIQUE SE HÁ INDICAÇÃO DE CONTRA-FLECHA NOS ELEMENTOS E CERTIFIQUE-SE DE QUE A MESMA SEJA EXCUTIDA.
16. SEGUIR SE A UTILIZAÇÃO DE TELA SOLDADA PARA EVITAR FISSURAS NA INTERFACE ENTRE PAREDE E ALVENARIA E PLAV, APLICADA COM ACOMPANHAMENTO DO RESPONSÁVEL TÉCNICO DA OBRA.

CORREIMENTOS:

ELEMENTO	SEM CONTATO COM O SOLO	EM CONTATO COM O SOLO
VIGAS	2.5 CM	2.5 CM
LAJE/ESCALAS	2.5 CM	2.5 CM
PAREDES	2.5 CM	4.0 CM
SARTANES	-	4.5 CM
BLOCOS	-	4.5 CM
TUBULOS	-	3.0 CM
REBARBAS/PROJEÇÕES	3.0 CM	3.0 CM

FUNDADAÇÃO (1):

1. FUNDADAÇÃO E PILARES DE ARRANQUE DEVERÃO SER CALCULADOS DE ACORDO COM O LOCAL DE IMPLANTAÇÃO E RELATÓRIOS DE SONDAÇÃO.

DESEMPENHO:

1. FASES LATERAIS: 3 DIAS APÓS A CONCRETAGEM.
2. FASES INTERIORES: 3 DIAS APÓS A CONCRETAGEM.
3. FASES EXTERIORES: 3 DIAS APÓS A CONCRETAGEM.
4. NOS BALANÇOS, A RETENÇÃO DAS ESCORAS DEVERÁ SER REALIZADA DA PONTE PARA O PÓDIO.
5. DE RESPONSABILIDADE DA CONSTRUÇÃO O PROJETO DE ESCORAMENTO E CIMENTAMENTO.

CONDIÇÃO SAÚDE CONCRETAR: NBR 6118/2019, NBR 6150/2014, NBR 6151/2014, NBR 6152/2014, NBR 6153/2014, NBR 6154/2014, NBR 6155/2014, NBR 6156/2014, NBR 6157/2014, NBR 6158/2014, NBR 6159/2014, NBR 6160/2014, NBR 6161/2014, NBR 6162/2014, NBR 6163/2014, NBR 6164/2014, NBR 6165/2014, NBR 6166/2014, NBR 6167/2014, NBR 6168/2014, NBR 6169/2014, NBR 6170/2014, NBR 6171/2014, NBR 6172/2014, NBR 6173/2014, NBR 6174/2014, NBR 6175/2014, NBR 6176/2014, NBR 6177/2014, NBR 6178/2014, NBR 6179/2014, NBR 6180/2014, NBR 6181/2014, NBR 6182/2014, NBR 6183/2014, NBR 6184/2014, NBR 6185/2014, NBR 6186/2014, NBR 6187/2014, NBR 6188/2014, NBR 6189/2014, NBR 6190/2014, NBR 6191/2014, NBR 6192/2014, NBR 6193/2014, NBR 6194/2014, NBR 6195/2014, NBR 6196/2014, NBR 6197/2014, NBR 6198/2014, NBR 6199/2014, NBR 6200/2014, NBR 6201/2014, NBR 6202/2014, NBR 6203/2014, NBR 6204/2014, NBR 6205/2014, NBR 6206/2014, NBR 6207/2014, NBR 6208/2014, NBR 6209/2014, NBR 6210/2014, NBR 6211/2014, NBR 6212/2014, NBR 6213/2014, 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