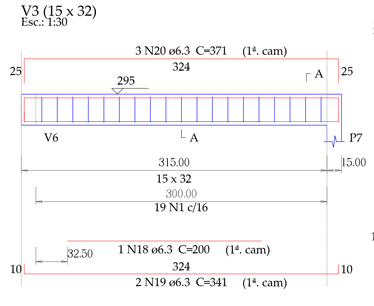
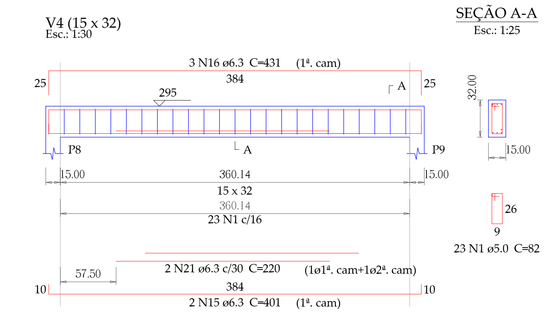
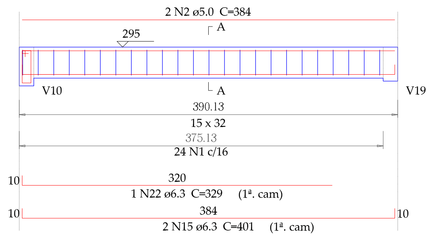
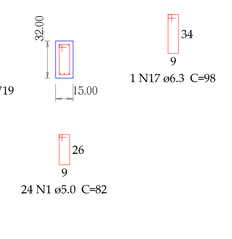
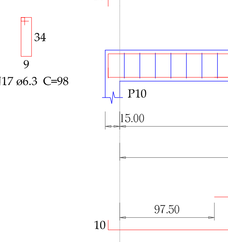


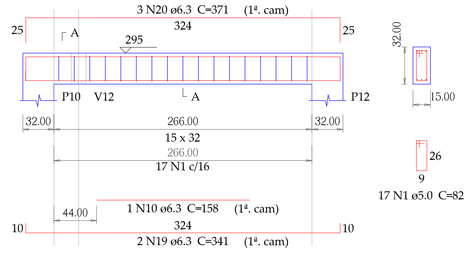



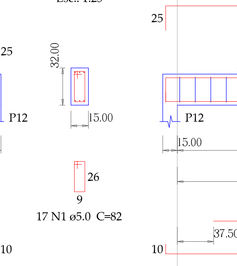



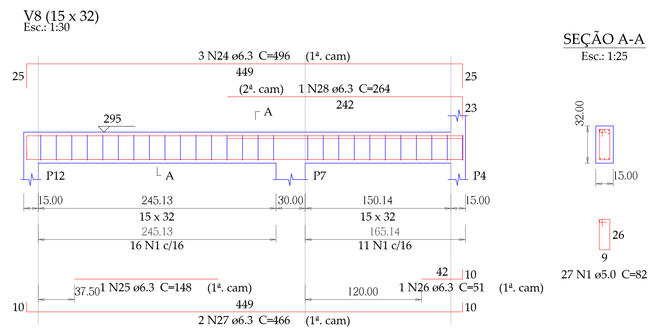


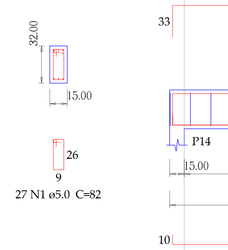


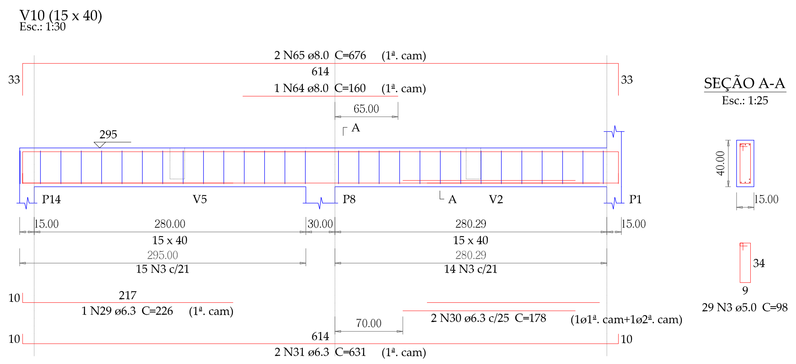


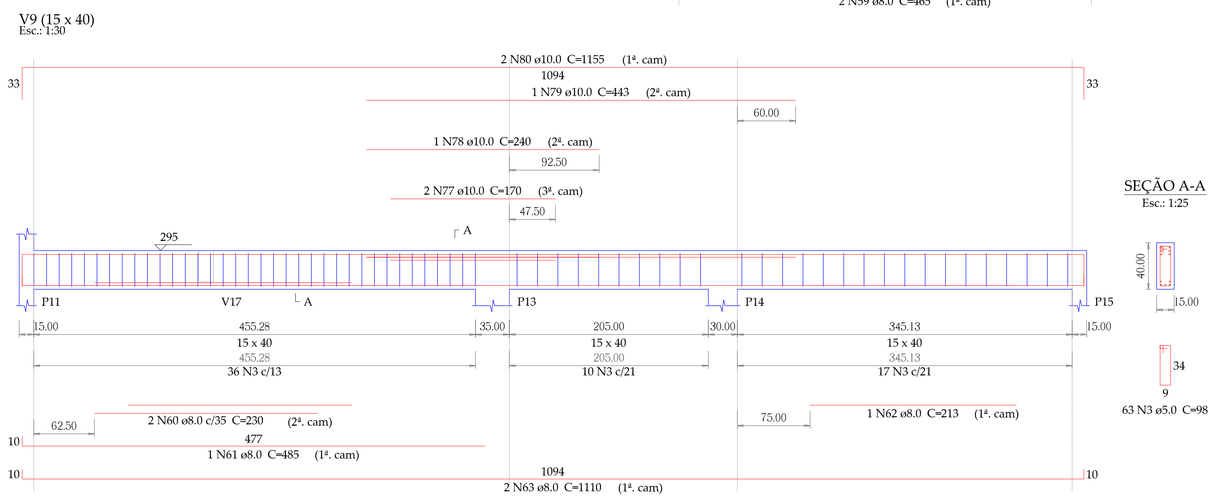



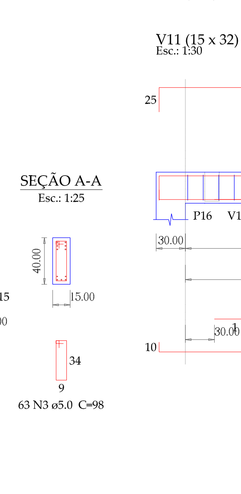



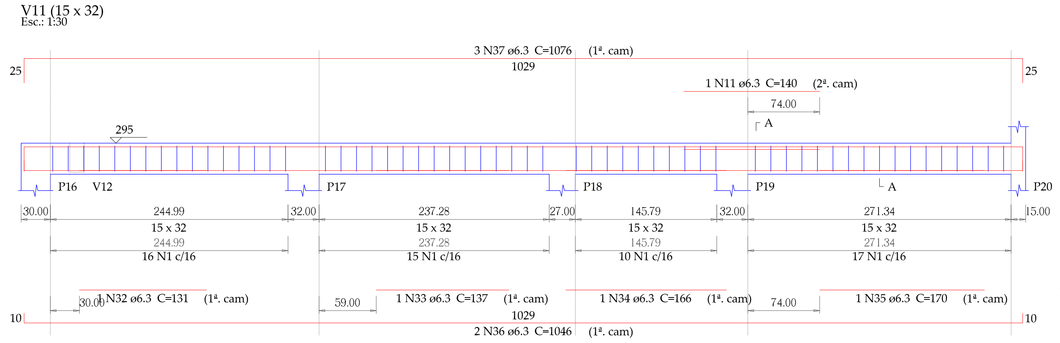



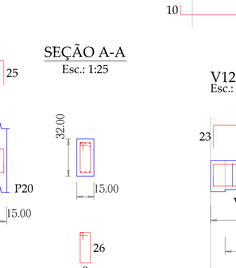


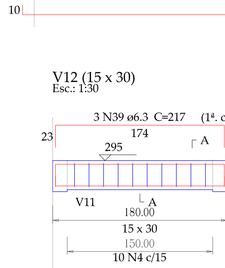


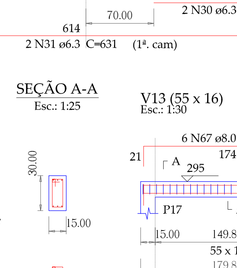


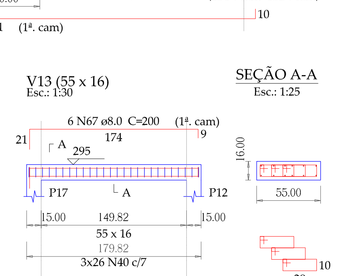



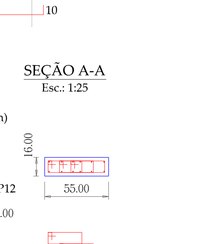



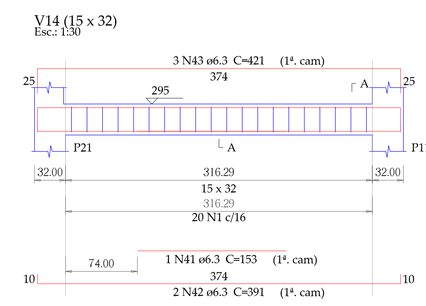



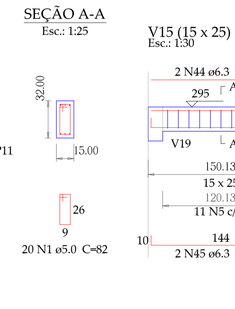



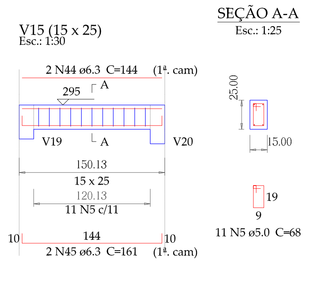



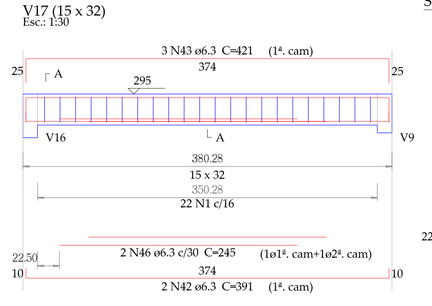



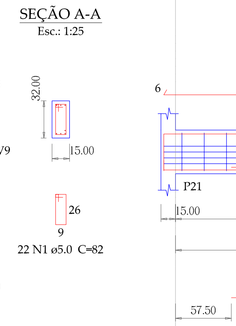



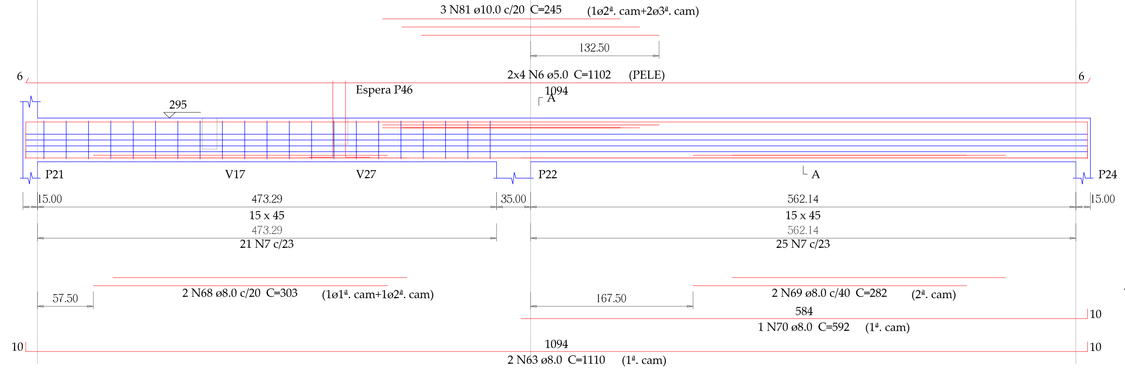



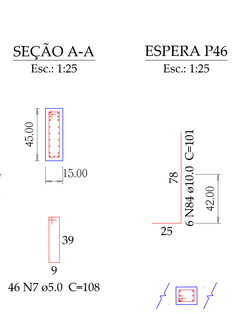


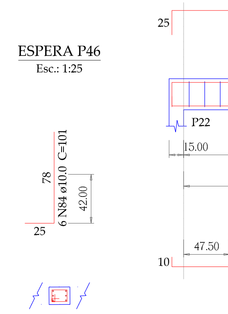


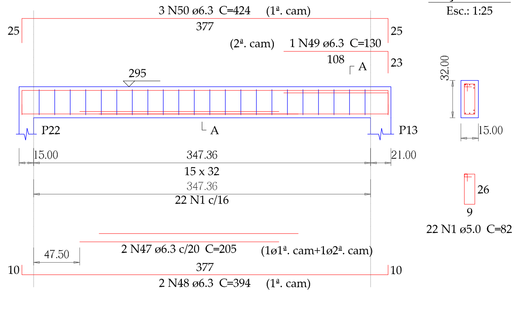


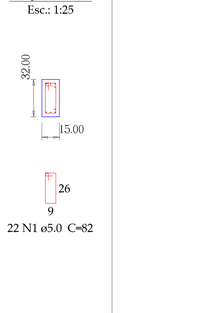



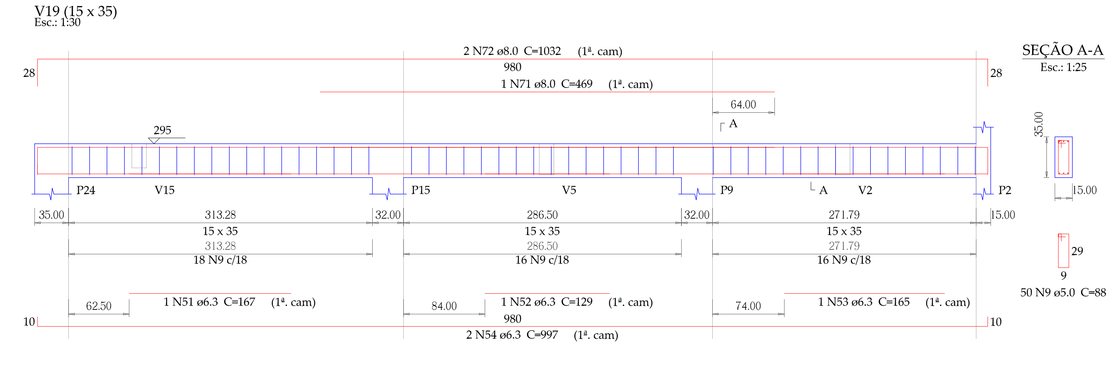



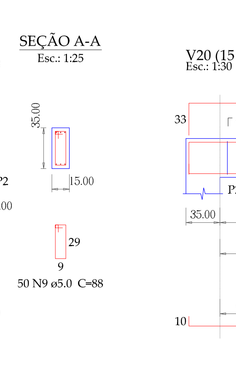



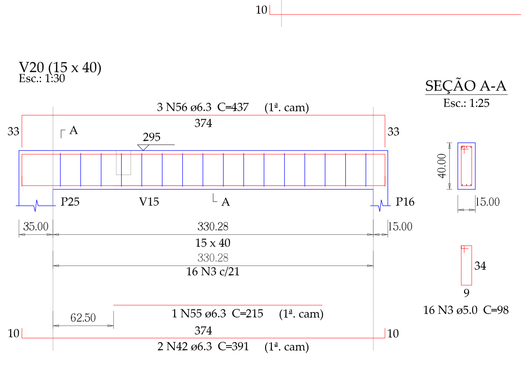



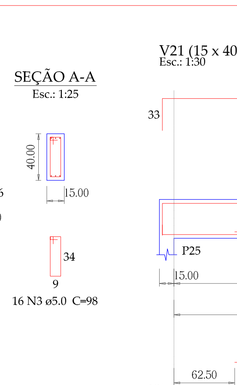



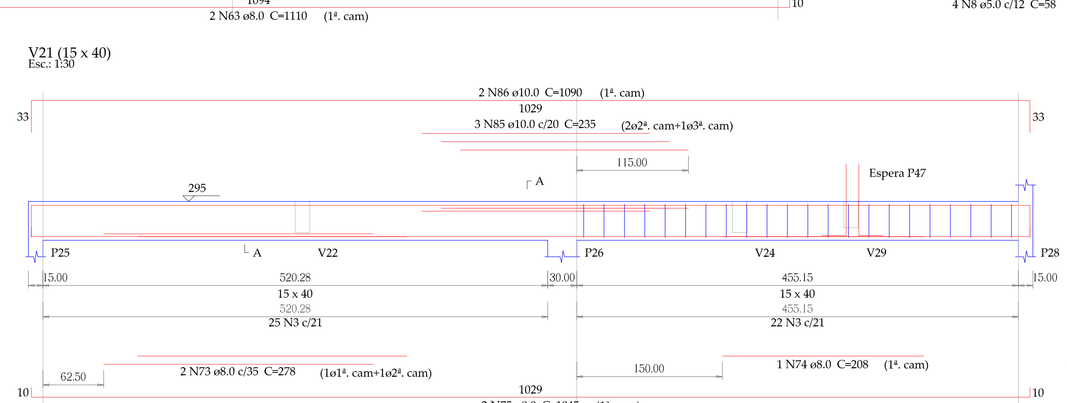


































## Resumo do aço

| AÇO | DIAM (mm) | C.TOTAL (m) | QUANT + 10 % (Barras) | UNIT | PESO + 10 % (kg) |
|---|---|---|---|---|---|
| CA50 | 6.3 | 559.2 | 52 | 12 m | 150.5 |
| | 8.0 | 190.4 | 18 | 12 m | 82.6 |
| | 10.0 | 105.6 | 10 | 12 m | 71.6 |
| CA60 | 5.0 | 703.3 | 65 | 12 m | 119.2 |
| PESO TOTAL (kg) | | | | | |
| CA50 | 304.7 | | | | |
| CA60 | 119.2 | | | | |

Volume de concreto (C-30) = 6.93 m³
Área de forma = 111.14 m²

**NOTA 01:**
ELEMENTOS ESTRUTURAIS COMO: VIGAS,PILARES E LAJES DEVERÃO TER MUITA ATENÇÃO E CUIDADO NA MONTAGEM E TRAVAMENTO DAS FORMAS EFETUANDO O ADEQUADO ESCORAMENTO E TRAVAMENTO DESTAS PEÇAS.

**NOTA 02:**
UTILIZAR CONCRETO DOSADO EM CENTRAL (USINADO C/ FCK 30MPa), OS EXECUTORES DESTA OBRA DEVERÃO OBEDECER AOS CRITERIOS TÉCNICOS DEFINIDOS EM PROJETOS ESTRUTURAL DE ENGENHARIA E SEGUIR AS ESPECIFICAÇÕES DESCRITAS EM NORMAS TÉCNICAS,TAIS COMO: NBR6118 E NBR6120.

**NOTA 03:**
QUANTO A DESFORMA E CURA DE TODOS OS ELEMENTOS ESTRUTURAIS DEVRÁ SER RESPEITADA OS PERÍODOS (DIAS) ESTABELECIDOS NAS NORMAS TÉCNICAS VIGENTES DA ABNT.

**NOTA 04:**
ESSAS ORIENTAÇÕES TÉCNICAS CONFORME NOTA 01,02 E 03, VALERÃO PARA TODOS OS PROJETOS TÉCNICOS REFERENTE AS ESTRUTURAS DESTA OBRA, DEVERÃO SER CUMPRIDAS A RISCA.

CARIMBO:

**OBSERVAÇÕES:**

01 – DIVERGINDO COTA E ESCALA, PREVALECE A COTA;

02 – CONFERIR MEDIDAS NO LOCAL;

03 – MEDIDAS NO OSSO (SEM REVESTIMENTOS OU ACABAMENTOS);

04 – QUALQUER ALTERAÇÃO NO ESCOPO DO PROJETO, SOMENTE PODERÁ SER EFETUADA COM A AUTORIZAÇÃO DO PROJETISTA;

05 – DIREITOS AUTORAIS RESERVADOS CONFORME LEI VIGENTE;


Representante Legal
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CLEONES HOSTINS
Secretário Municipal de Saúde
saude@gaspar.sc.gov.br

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Engenheiro Civil - CREA/SC: 053.875-8
edmundo@gaspar.sc.gov.br


INTERVENÇÃO:
CONSTRUÇÃO

PREFEITURA MUNICIPAL DE GASPAR
SECRETARIA DE PLANEJAMENTO E DESENVOLVIMENTO
PRAÇA GETULIO VARGAS nº 435 – CENTRO – GASPAR – CEP 89110-000

OBRA: UNIDADE BÁSICA DE SAÚDE – POÇO GRANDE
PROJETO: ESTRUTURAL
ENDEREÇO: RUA RENATO MANOEL PEREYRA / BAIRRO POÇO GRANDE / GASPAR/SC
ESCALA: INDICADA
CONTEÚDO: - DETALHAMENTO DAS VIGAS (PVTO. TÉRREO) - PARTE 01
PRANCHA: EST 12/19
ARQUIVO:
Nº DE PRANCHAS: 19
DATA: AGOSTO/2019