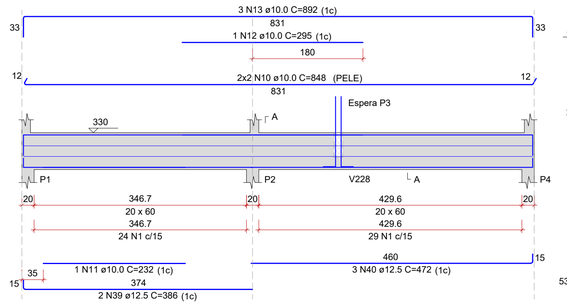
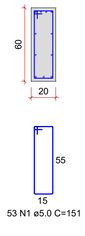
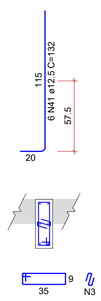
V200
ESC 1:50



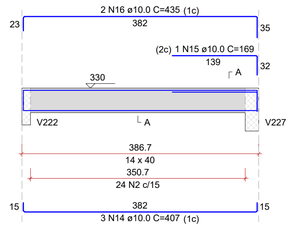
SEÇÃO A-A
ESC 1:25



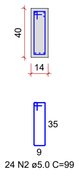
ESPERA P3
ESC 1:25



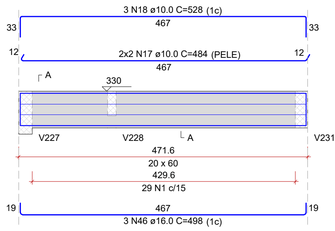
V201
ESC 1:50



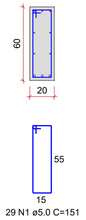
SEÇÃO A-A
ESC 1:25



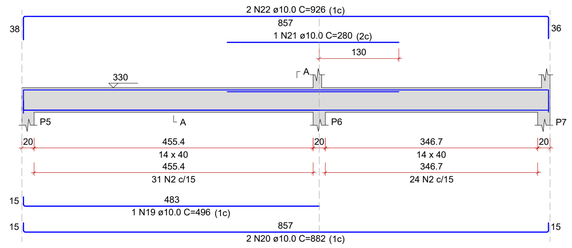
V202
ESC 1:50



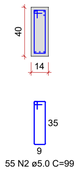
SEÇÃO A-A
ESC 1:25



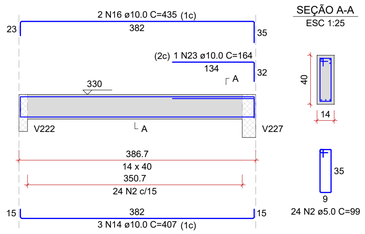
V203
ESC 1:50



SEÇÃO A-A
ESC 1:25

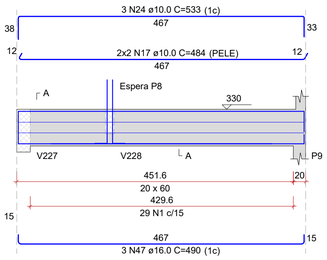


V204
ESC 1:50

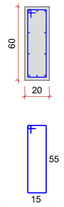


SEÇÃO A-A
ESC 1:25

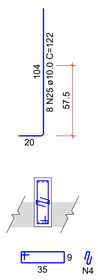
V205
ESC 1:50



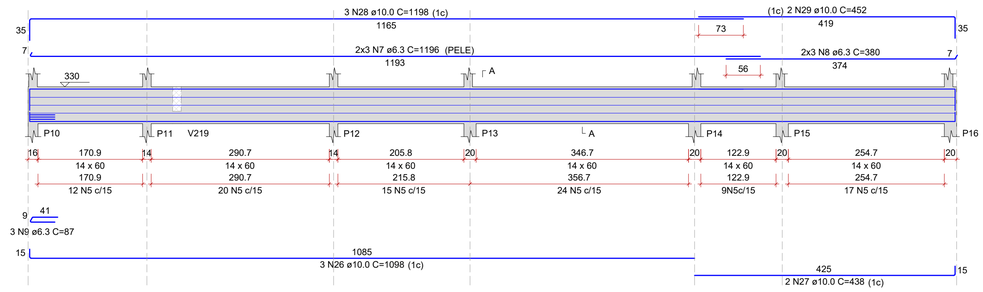
SEÇÃO A-A
ESC 1:25



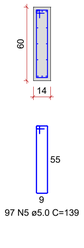
ESPERA P8
ESC 1:25



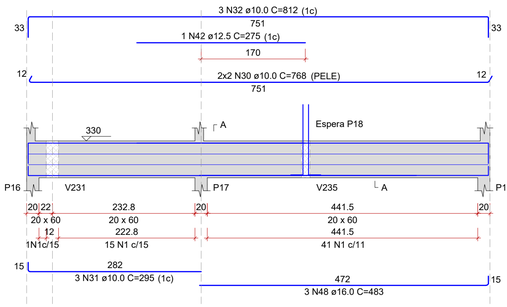
V206
ESC 1:50



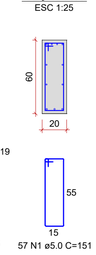
SEÇÃO A-A
ESC 1:25



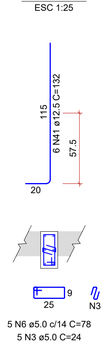
V207
ESC 1:50



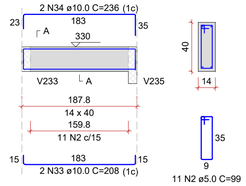
SEÇÃO A-A
ESC 1:25



ESPERA P18
ESC 1:25

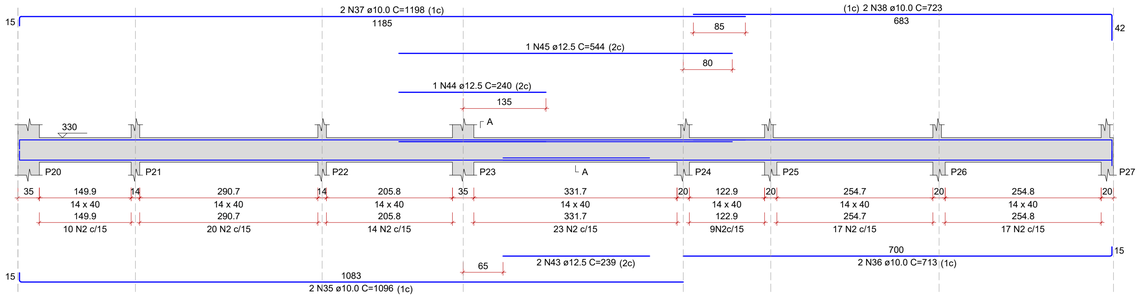


V208
ESC 1:50

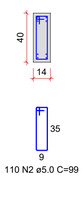


SEÇÃO A-A
ESC 1:25

V209
ESC 1:50



SEÇÃO A-A
ESC 1:25



VIGAS 200 (V200 à 209)
Escala Indicada

RELAÇÃO DO AÇO

V200 V201 V202
V203 V204 V205
V206 V207 V208
V209

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	168	151	25368
	2	5.0	234	98	22932
	3	5.0	10	24	240
	4	5.0	5	24	120
	5	5.0	97	139	13483
	6	5.0	5	78	390
CA50	7	6.3	6	1196	7176
	8	6.3	6	380	2280
	9	6.3	3	87	261
	10	10.0	4	848	3392
	11	10.0	1	232	232
	12	10.0	1	295	295
	13	10.0	3	892	2676
	14	10.0	6	407	2442
	15	10.0	1	169	169
	16	10.0	4	435	1740
	17	10.0	8	484	3872
	18	10.0	3	528	1584
	19	10.0	1	496	496
	20	10.0	2	882	1764
	21	10.0	1	280	280
	22	10.0	2	926	1852
	23	10.0	1	164	164
	24	10.0	3	533	1599
	25	10.0	8	122	976
	26	10.0	3	1098	3294
	27	10.0	2	438	876
	28	10.0	3	1198	3594
	29	10.0	2	452	904
	30	10.0	4	768	3072
	31	10.0	3	295	885
	32	10.0	3	812	2436
	33	10.0	2	208	416
	34	10.0	2	236	472
	35	10.0	2	1096	2192
	36	10.0	2	713	1426
	37	10.0	2	1198	2396
	38	10.0	2	723	1446
	39	12.5	2	386	772
	40	12.5	3	472	1416
	41	12.5	12	132	1584
	42	12.5	1	275	275
	43	12.5	2	239	478
	44	12.5	1	240	240
	45	12.5	1	544	544
	46	16.0	3	498	1494
	47	16.0	3	490	1470
	48	16.0	3	483	1449

RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 0% (kg)
CA50	6.3	97.2	23.8
	10.0	469.4	289.4
	12.5	53.1	51.1
	16.0	44.1	69.7
CA60	5.0	627.6	96.7

PESO TOTAL (kg)	
CA50	434
CA60	96.7

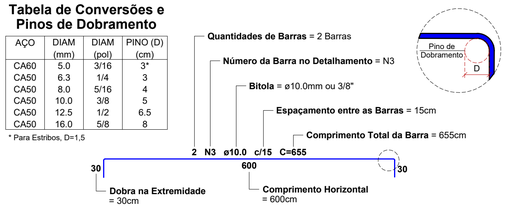
Volume de concreto (C-25) = 6.34 m³
Área de forma = 89.75 m²

LEITURA DAS ARMADURAS
SEM ESCALA - COTAS EM CENTIMETROS

Tabela de Conversões e Pinos de Dobramento

AÇO	DIAM (mm)	DIAM (pol)	PINO (D) (cm)
CA60	5.0	3/16	3*
CA50	6.3	1/4	3
CA50	8.0	5/16	4
CA50	10.0	3/8	5
CA50	12.5	1/2	6.5
CA50	16.0	5/8	8

* Para Estribos, D=1,5



PROJETO - RESPONSÁVEL TÉCNICO:
WALTER DALPIAZ JUNIOR:04375008962
Assinado de forma digital por WALTER DALPIAZ JUNIOR:04375008962
Dados: 2021.10.01 11:31:50 -03'00'

EXECUÇÃO - RESPONSÁVEL TÉCNICO:

ASSINATURA - PROPRIETÁRIO: (REPRESENTANTE)

REVISÃO	DATA	ALTERAÇÕES

PROJETO ESTRUTURAL

AMAVI
ASSOCIAÇÃO DOS MUNICÍPIOS DO ALTO VALE DO ITAJAÍ

RUA: XV DE NOVEMBRO, Nº 737
CEP: 89160-015 -CENTRO
RIO DO SUL/SC
FONE/FAX: (47) 3531-4242
E-mail: amavi@amavi.org.br
http://www.amavi.org.br

OBRA:
UNIDADE BÁSICA DE SAÚDE PORTE 1

PROPRIETÁRIO:
PREFEITURA MUNICIPAL DE WITMARSUM

ENDEREÇO:
RUA 25 DE JULHO - CENTRO - WITMARSUM/SC

CONTEÚDO:
- VIGAS 200 (V200 à V209)

DESENHO: EDUARDO FIGUEIREDO
ÁREA: 440,22 m²
ESCALA: INDICADA
DATA: 17/09/2021
FOLHA: EST 15/20

TODOS OS DIREITOS RESERVADOS. PROIBIDA A REPRODUÇÃO PARCIAL OU TOTAL.
DESENHO VÁLIDO SOMENTE ASSINADO PELO RESPONSÁVEL DO PROJETO.