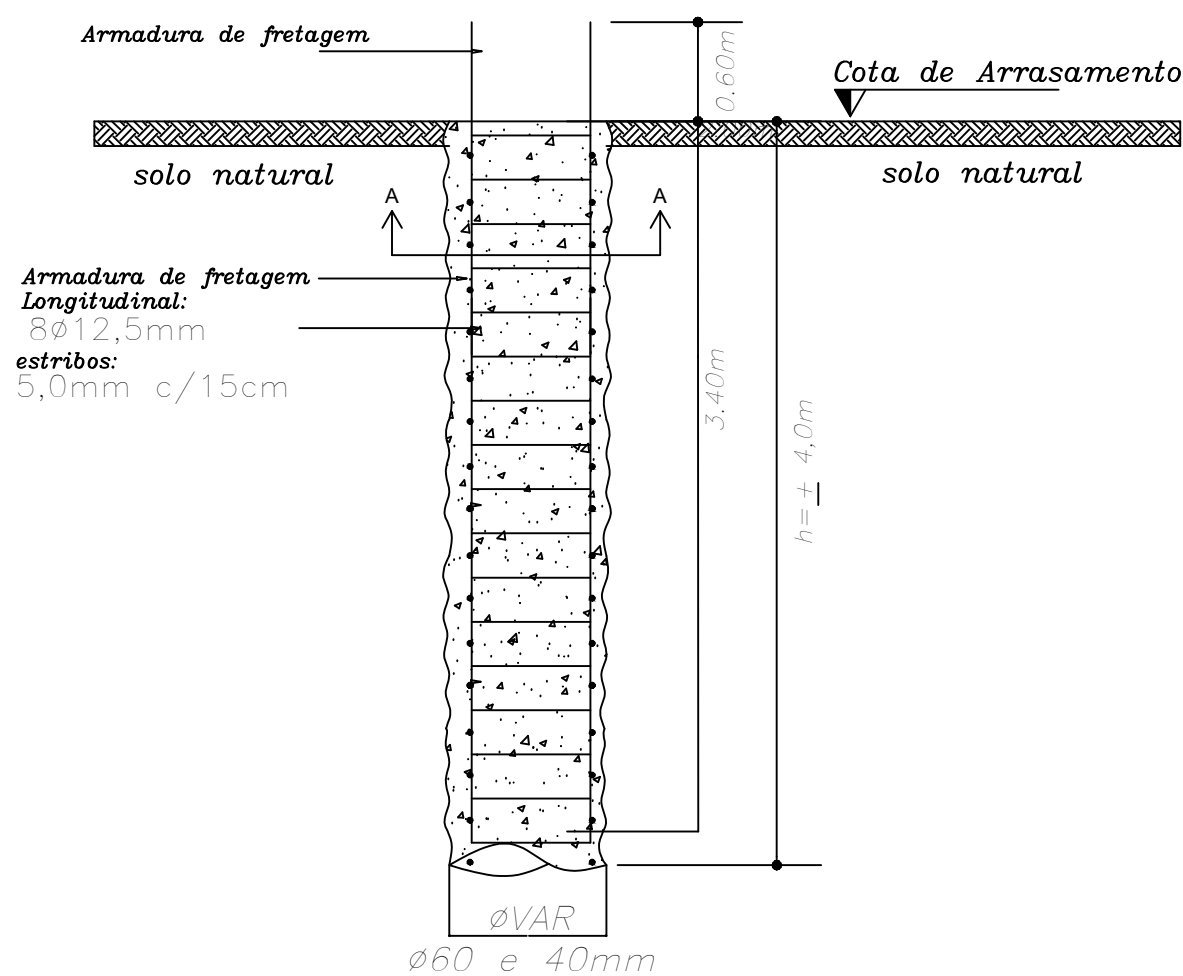


Legenda dos blocos
escala 1:25

Planta de locação
escala 1:50



5m

CORTE A-A

Armadura de fretagem

30

23 N2 Ø5.0 C=102

5m

CORTE A-A

Armadura de fretagem

5.0

23 N3 Ø5.0 C=165

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA50	1	12.5	544	340	184960
CA60	2	5.0	1219	165	201135
CA60	3	5.0	460	102	46920

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10 % (kg)
CA50	12.5	1849.6	1960.0
CA60	5.0	2480.6	420.6

Volume de concreto estimado (C-25) = 70.0 m³

Name	Depth (m)	X (m)	Y (m)	Cargn Mg	Cargn Mg	Earthquake				Risco	
						Lat (°N)	Long (°W)	Mag	Time (hr:min)	Lat (°N)	Long (°W)
P1	2640	12.50	2070.00	17.5	54.1	90.0	80.0	C60	250		
P2	2640	49.20	2070.00	17.5	54.1	90.0	80.0	C60	250		
P3	2640	82.50	2070.00	17.5	54.1	90.0	80.0	C60	250		
P4	2640	115.80	2070.00	17.5	54.1	90.0	80.0	C60	250		
P5	2640	149.10	2070.00	17.5	54.1	90.0	80.0	C60	250		
P6	2640	182.40	2070.00	17.5	54.1	90.0	80.0	C60	250		
P7	2640	215.70	2070.00	17.5	54.1	90.0	80.0	C60	250		
P8	2640	249.00	2070.00	17.5	54.1	90.0	80.0	C60	250		
P9	2640	282.30	2070.00	17.5	54.1	90.0	80.0	C60	250		
P10	2640	315.60	2070.00	17.5	54.1	90.0	80.0	C60	250		
P11	2640	348.90	2070.00	17.5	54.1	90.0	80.0	C60	250		
P12	2640	382.20	2070.00	17.5	54.1	90.0	80.0	C60	250		
P13	2640	415.50	2070.00	17.5	54.1	90.0	80.0	C60	250		
P14	2640	448.80	2070.00	17.5	54.1	90.0	80.0	C60	250		
P15	2640	482.10	2070.00	17.5	54.1	90.0	80.0	C60	250		
P16	2640	515.40	2070.00	17.5	54.1	90.0	80.0	C60	250		
P17	2640	548.70	2070.00	17.5	54.1	90.0	80.0	C60	250		
P18	2640	582.00	2070.00	17.5	54.1	90.0	80.0	C60	250		
P19	2640	615.30	2070.00	17.5	54.1	90.0	80.0	C60	250		
P20	2640	648.60	2070.00	17.5	54.1	90.0	80.0	C60	250		
P21	2640	681.90	2070.00	17.5	54.1	90.0	80.0	C60	250		
P22	2640	715.20	2070.00	17.5	54.1	90.0	80.0	C60	250		
P23	2640	748.50	2070.00	17.5	54.1	90.0	80.0	C60	250		
P24	2640	781.80	2070.00	17.5	54.1	90.0	80.0	C60	250		
P25	2640	815.10	2070.00	17.5	54.1	90.0	80.0	C60	250		
P26	2640	848.40	2070.00	17.5	54.1	90.0	80.0	C60	250		
P27	2640	881.70	2070.00	17.5	54.1	90.0	80.0	C60	250		
P28	2640	915.00	2070.00	17.5	54.1	90.0	80.0	C60	250		
P29	2640	948.30	2070.00	17.5	54.1	90.0	80.0	C60	250		
P30	2640	981.60	2070.00	17.5	54.1	90.0	80.0	C60	250		
P31	2640	1014.90	2070.00	17.5	54.1	90.0	80.0	C60	250		
P32	2640	1048.20	2070.00	17.5	54.1	90.0	80.0	C60	250		
P33	2640	1081.50	2070.00	17.5	54.1	90.0	80.0	C60	250		
P34	2640	1114.80	2070.00	17.5	54.1	90.0	80.0	C60	250		
P35	2640	1148.10	2070.00	17.5	54.1	90.0	80.0	C60	250		
P36	2640	1181.40	2070.00	17.5	54.1	90.0	80.0	C60	250		
P37	2640	1214.70	2070.00	17.5	54.1	90.0	80.0	C60	250		
P38	2640	1248.00	2070.00	17.5	54.1	90.0	80.0	C60	250		
P39	2640	1281.30	2070.00	17.5	54.1	90.0	80.0	C60	250		
P40	2640	1314.60	2070.00	17.5	54.1	90.0	80.0	C60	250		
P41	2640	1347.90	2070.00	17.5	54.1	90.0	80.0	C60	250		
P42	2640	1381.20	2070.00	17.5	54.1	90.0	80.0	C60	250		
P43	2640	1414.50	2070.00	17.5	54.1	90.0	80.0	C60	250		
P44	2640	1447.80	2070.00	17.5	54.1	90.0	80.0	C60	250		
P45	2640	1481.10	2070.00	17.5	54.1	90.0	80.0	C60	250		
P46	2640	1514.40	2070.00	17.5	54.1	90.0	80.0	C60	250		
P47	2640	1547.70	2070.00	17.5	54.1	90.0	80.0	C60	250		
P48	2640	1581.00	2070.00	17.5	54.1	90.0	80.0	C60	250		
P49	2640	1614.30	2070.00	17.5	54.1	90.0	80.0	C60	250		
P50	2640	1647.60	2070.00	17.5	54.1	90.0	80.0	C60	250		
P51	2640	1680.90	2070.00	17.5	54.1	90.0	80.0	C60	250		
P52	2640	1714.20	2070.00	17.5	54.1	90.0	80.0	C60	250		
P53	2640	1747.50	2070.00	17.5	54.1	90.0	80.0	C60	250		
P54	2640	1780.80	2070.00	17.5	54.1	90.0	80.0	C60	250		
P55	2640	1814.10	2070.00	17.5	54.1	90.0	80.0	C60	250		
P56	2640	1847.40	2070.00	17.5	54.1	90.0	80.0	C60	250		
P57	2640	1880.70	2070.00	17.5	54.1	90.0	80.0	C60	250		
P58	2640	1914.00	2070.00	17.5	54.1	90.0	80.0	C60	250		
P59	2640	1947.30	2070.00	17.5	54.1	90.0	80.0	C60	250		
P60	2640	1980.60	2070.00	17.5	54.1	90.0	80.0	C60	250		
P61	2640	2013.90	2070.00	17.5	54.1	90.0	80.0	C60	250		
P62	2640	2047.20	2070.00	17.5	54.1	90.0	80.0	C60	250		
P63	2640	2080.50	2070.00	17.5	54.1	90.0	80.0	C60	250		
P64	2640	2113.80	2070.00	17.5	54.1	90.0	80.0	C60	250		
P65	2640	2147.10	2070.00	17.5	54.1	90.0	80.0	C60	250		
P66	2640	2180.40	2070.00	17.5	54.1	90.0	80.0	C60	250		
P67	2640	2213.70	2070.00	17.5	54.1	90.0	80.0	C60	250		
P68	2640	2247.00	2070.00	17.5	54.1	90.0	80.0	C60	250		
P69	2640	2280.30	2070.00	17.5	54.1	90.0	80.0	C60	250		
P70	2640	2313.60	2070.00	17.5	54.1	90.0	80.0	C60	250		
P71	2640	2346.90	2070.00	17.5	54.1	90.0	80.0	C60	250		
P72	2640	2380.20	2070.00	17.5	54.1	90.0	80.0	C60	250		
P73	2640	2413.50	2070.00	17.5	54.1	90.0	80.0	C60	250		
P74	2640	2446.80	2070.00	17.5	54.1	90.0	80.0	C60	250		
P75	2640	2480.10	2070.00	17.5	54.1	90.0	80.0	C60	250		
P76	2640	2513.40	2070.00	17.5	54.1	90.0	80.0	C60	250		
P77	2640	2546.70	2070.00	17.5	54.1	90.0	80.0	C60	250		
P78	2640	2580.00	2070.00	17.5	54.1	90.0	80.0	C60	250		
P79	2640	2613.30	2070.00	17.5	54.1	90.0	80.0	C60	250		
P80	2640	2646.60	2070.00	17.5	54.1	90.0	80.0	C60	250		
P81	2640	2679.90	2070.00	17.5	54.1	90.0	80.0	C60	250		
P82	2640	2713.20	2070.00	17.5	54.1	90.0	80.0	C60	250		
P83	2640	2746.50	2070.00	17.5	54.1	90.0	80.0	C60	250		
P84	2640	2779.80	2070.00	17.5	54.1	90.0	80.0	C60	250		
P85	2640	2813.10	2070.00	17.5	54.1	90.0	80.0	C60	250		
P86	2640	2846.40	2070.00	17.5	54.1	90.0	80.0	C60	250		
P87	2640	2879.70	2070.00	17.5	54.1	90.0	80.0	C60	250		
P88	2640	2913.00	2070.00	17.5	54.1	90.0	80.0	C60	250		
P89	2640	2946.30	2070.00	17.5	54.1	90.0	80.0	C60	250		
P90	2640	2979.60	2070.00	17.5	54.1	90.0	80.0	C60	250		
P91	2640	3012.90	2070.00	17.5	54.1	90.0	80.0	C60	250		
P92	2640	3046.20	2070.00	17.5	54.1	90.0	80.0	C60	250		
P93	2640	3079.50	2070.00	17.5	54.1	90.0	80.0	C60	250		
P94	2640	3112.80	2070.00	17.5	54.1	90.0	80.0	C60	250		
P95	2640	3146.10	2070.00	17.5	54.1	90.0	80.0	C60	250		
P96	2640	3179.40	2070.00	17.5	54.1	90.0	80.0	C60	250		
P97	2640	3212.70	2070.00	17.5	54.1	90.0	80.0	C60	250		
P98	2640	3246.00	2070.00	17.5	54.1	90.0	80.0	C60	250		
P99	2640	3279.30	2070.00	17.5	54.1	90.0	80.0	C60	250		
P100	2640	3312.60	2070.00	17.5	54.1	90.0	80.0	C60	250		

Vigas			
Nome	Seção (cm)	Elevação (cm)	Nível (cm)
V1	20x50	0	0
V2	20x70	0	0
V3	20x50	0	0
V4	20x70	0	0
V5	15x50	0	0
V6	15x50	0	0
V7	15x50	0	0
V8	20x50	0	0
V9	15x50	0	0
V10	20x70	0	0
V11	15x50	0	0
V12	20x50	0	0
V13	20x50	0	0
V14	20x70	0	0
V15	20x50	0	0
V16	20x50	0	0
V17	20x50	0	0
V18	20x50	0	0
V19	20x50	0	0
V20	20x50	0	0
V21	20x50	0	0
V22	20x50	0	0
V23	20x50	0	0
V24	20x50	0	0
V25	20x50	0	0
V26	15x50	0	0
V27	15x50	0	0
V28	15x50	0	0
V29	20x50	0	0
V30	30x50	0	0
V31	20x50	0	0

Características dos materiais	
fck (kgf/cm ²)	Ecs (kgf/cm ²)
300	22000

Legenda das vigas e paredes	
	Viga

Título:	Prancha:
Estrutural - Locação, Estacas, Baldrame	E 1
Área a ser desmembrada: 915,68m² Localidade: Avenida Rio Branco Imóvel: Centro Administrativo Escala: Indicada Cidade/Estado: Sananduva/RS	
Aprovações:	Proprietário: _____ ASSOCIAÇÃO DOS MUNICÍPIOS DO NORDESTE RIOGRANDENSE - AMUNOR Resp. Técnico: _____ DANIEL MERIGO Eng. Civil CREA-RS nº194681 Rua Osvaldo Cruz, nº 685 - Sala 101 - Sananduva-RS CEP 99840-000 Fone: (0XX54) 99064-8093 - e-mail: merigoengenharia@hotmail.com Data: _____ Março/2020 Desenho / Levantamento: Daniel Merigo
OS DIREITOS AUTORAS DESTA PROJETO SÃO RESERVADOS, É PROIBIDO SUA REPRODUÇÃO, MODIFICAÇÃO, ALTERAÇÃO E/OU SUA UTILIZAÇÃO INDEVIDA	