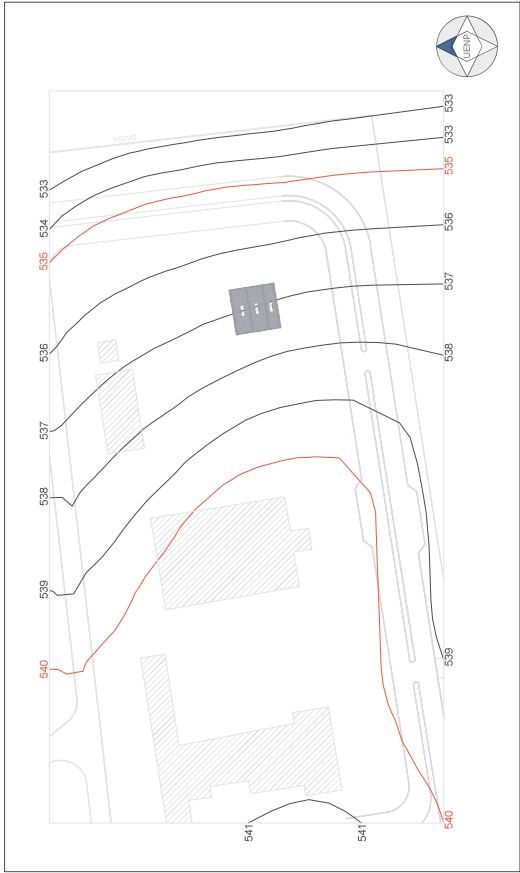


PLANTA DE SITUAÇÃO  
ESCALA 1:2500  
MEDIDAS EM CENTIMETROS



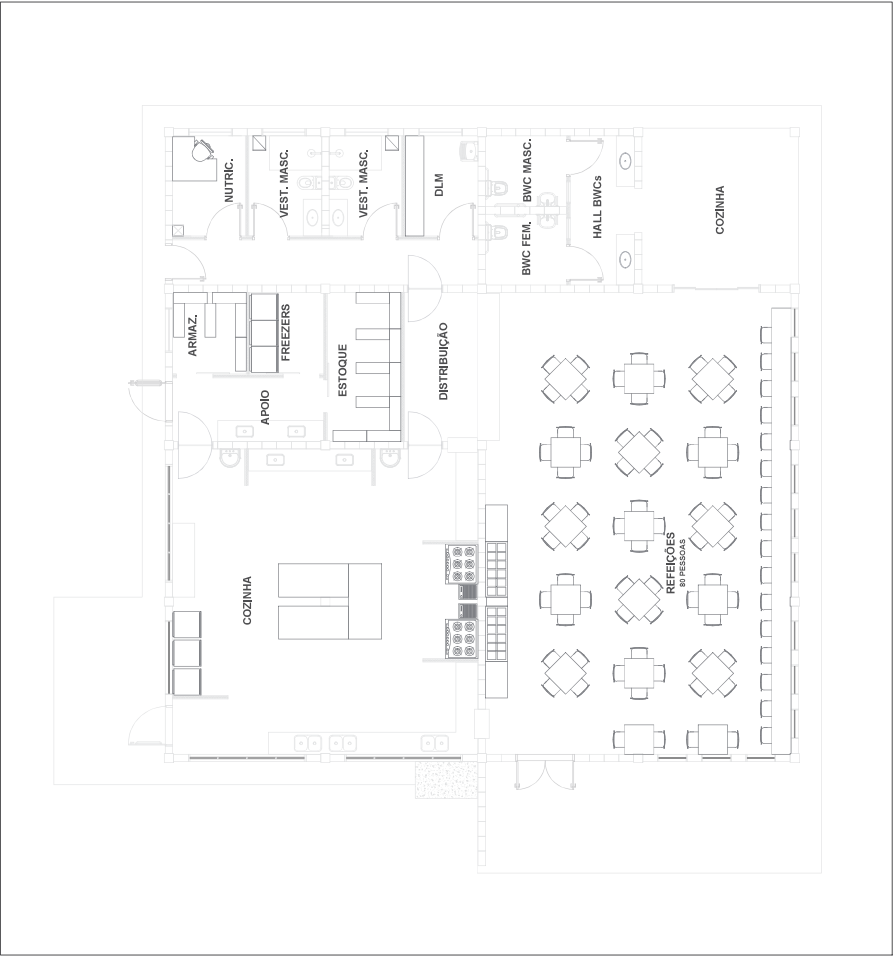
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MEDIDAS EM CENTIMETROS



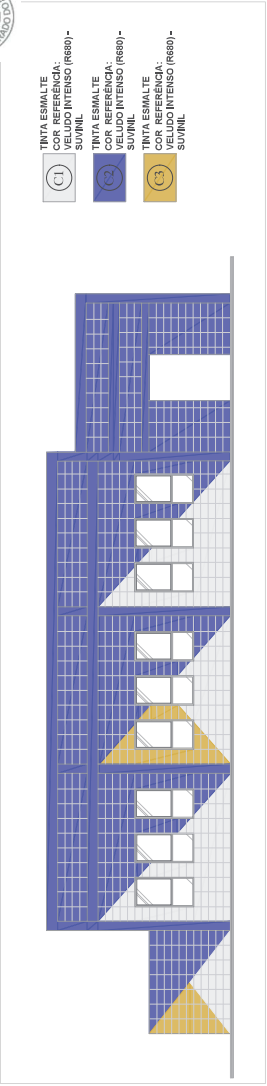
PLANTA TOPOGRÁFICA  
ESCALA 1:100  
MEDIDAS EM CENTIMETROS

PROJETO EXECUTIVO  
PLANTA DE IMPLANTAÇÃO / SITUAÇÃO / TOPOGRÁFICO  
CAMPUS JACAREZINHO - CJ  
UENP - UNIVERSIDADE ESTADUAL DO NORTE DO PARANÁ  
PROL. AV. PEDRO COELHO DE MIRANDA, S/Nº  
JARDIM PANORAMA - JACAREZINHO / PR

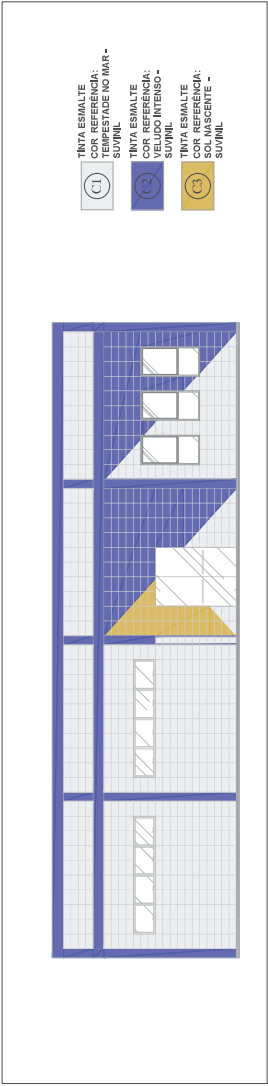




OPÇÃO DE LAYOUT  
ESCALA 1:100  
MEDIDAS EM CENTIMETROS



FACHADA LATERAL  
ESCALA 1:100  
MEDIDAS EM CENTIMETROS

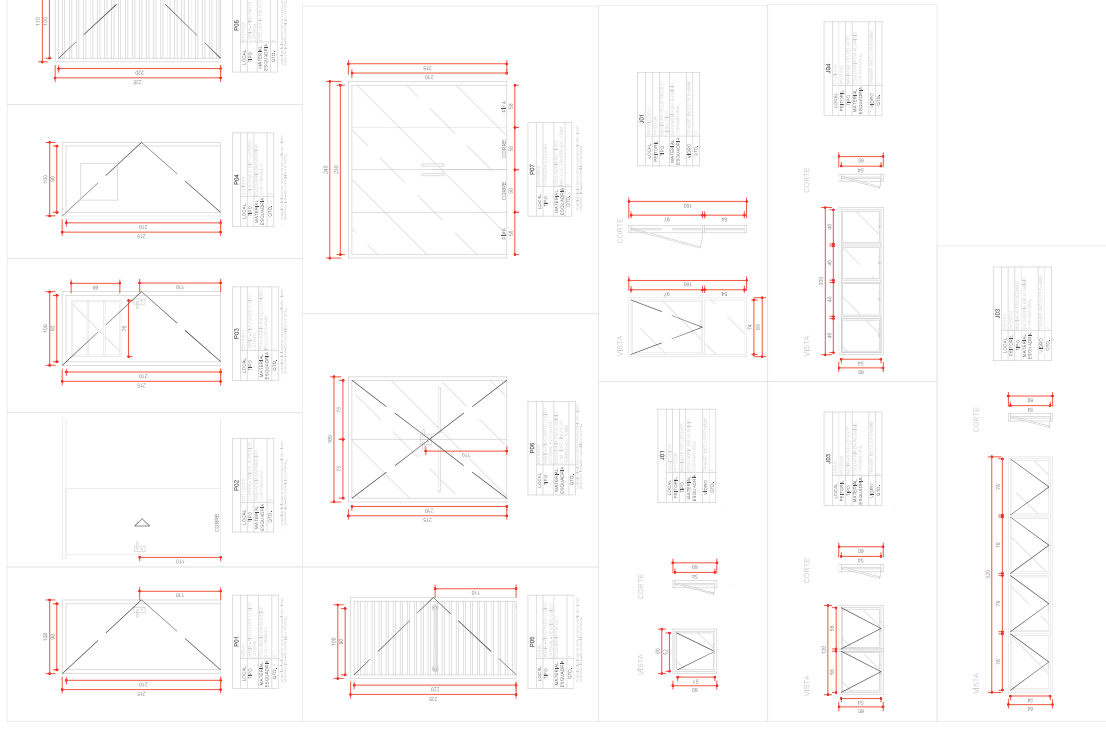


FACHADA LATERAL  
ESCALA 1:100  
MEDIDAS EM CENTIMETROS





**ESQUADRIAS**  
**ESCALA 1:100**  
**MEDIDAS EM CENTIMETROS**












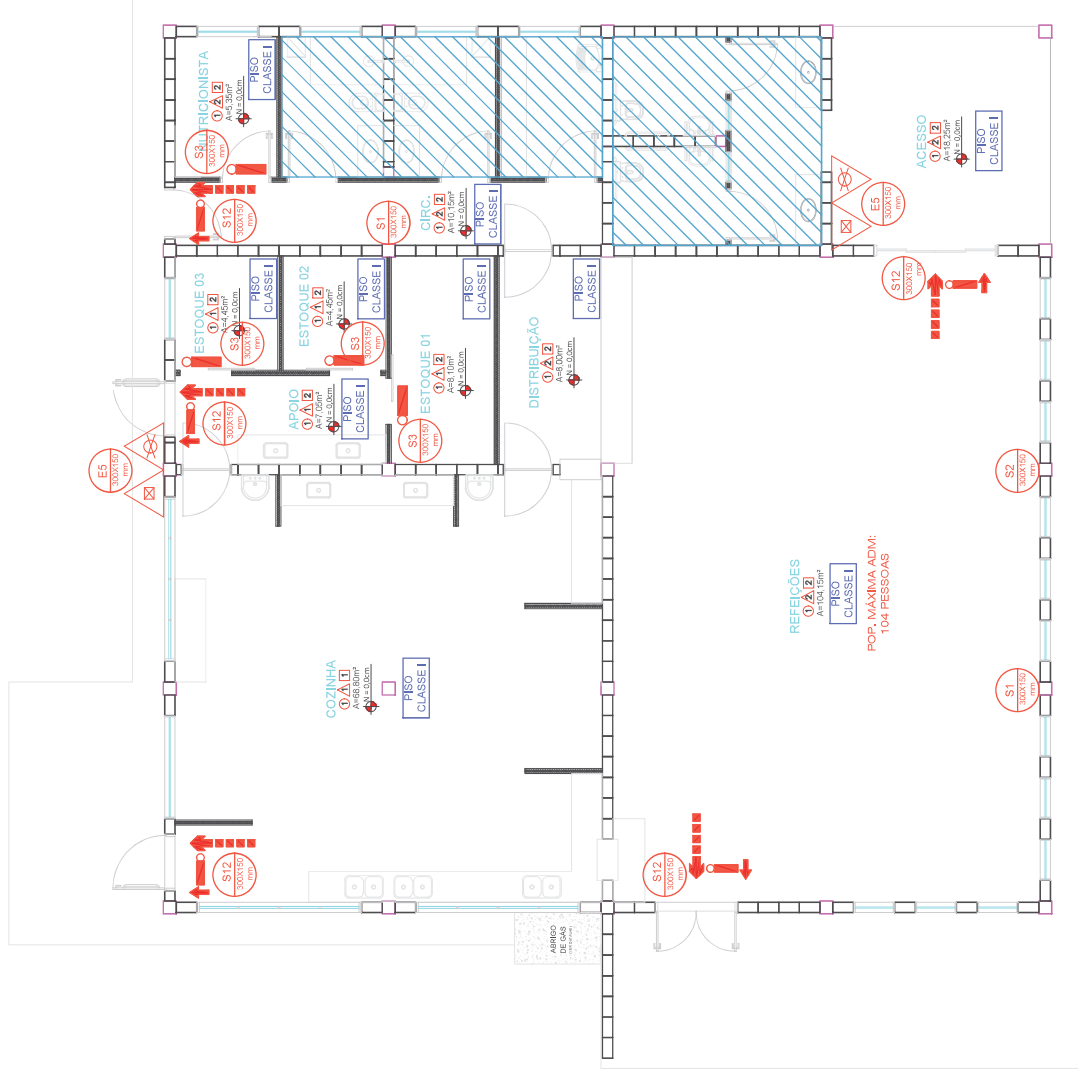


## SINALIZAÇÃO DE EMERGÊNCIA - NPT 020

SINALIZAÇÃO E SALVAMENTO	  <b>S1 - SENTIDO DA SAÍDA DE EMERGÊNCIA - SÍMBOLO RETANGULAR COM FUNDO VERDE E PICTOGRAMA FOTOLUMINESCENTE 300X150 mm</b>	
	  <b>S2 - SENTIDO DA SAÍDA DE EMERGÊNCIA - SÍMBOLO RETANGULAR COM FUNDO VERDE E PICTOGRAMA FOTOLUMINESCENTE 300X150 mm</b>	
	  <b>S3 - SENTIDO DA SAÍDA DE EMERGÊNCIA - SÍMBOLO RETANGULAR COM FUNDO VERDE E PICTOGRAMA FOTOLUMINESCENTE 300X150 mm</b>	
	  <b>S12 - SAÍDA DE EMERGÊNCIA - SÍMBOLO RETANGULAR COM FUNDO VERDE E PICTOGRAMA FOTOLUMINESCENTE 300X150 mm, COM ALTURA DA LETRA SEMPRE ≥50MM</b>	
	  <b>E5 - EXTINTOR DE INCÊNDIO VERMELHO E PICTOGRAMA FOTOLUMINESCENTE 300X150 mm,</b>	
ROTA DE FUGA	 <b>DIREÇÃO DE ROTA DE FUGA</b>	
	 <b>FINAL DE ROTA DE FUGA</b>	
ILUMINAÇÃO DE EMERGÊNCIA	 <b>PONTO DE ILUMINAÇÃO DE EMERGÊNCIA - LÂMPADA COM 30 LEDS - NÍVEL MÍNIMO DE 3 LUX EM LOCAIS PLANOS E 5 LUX EM DESNÍVEIS</b>	
	 <b>PONTO DE ILUMINAÇÃO DE EMERGÊNCIA - LÂMPADA 30 LED - TIPO BALIZAMENTO E ACESAS DURANTE UTILIZAÇÃO DO AMBIENTE</b>	
EXTINTORES PORTÁTEIS	 <b>CARGA D'ÁGUA - 2A</b>	
	 <b>CARGA DE PÓ QUÍMICO SECO - 20 BC</b>	

NOTA: CMAR - A edificação atende as especificações de controle de materiais de acabamento e revestimento conforme a NPT-010 do CSCIP do CB/PMPR

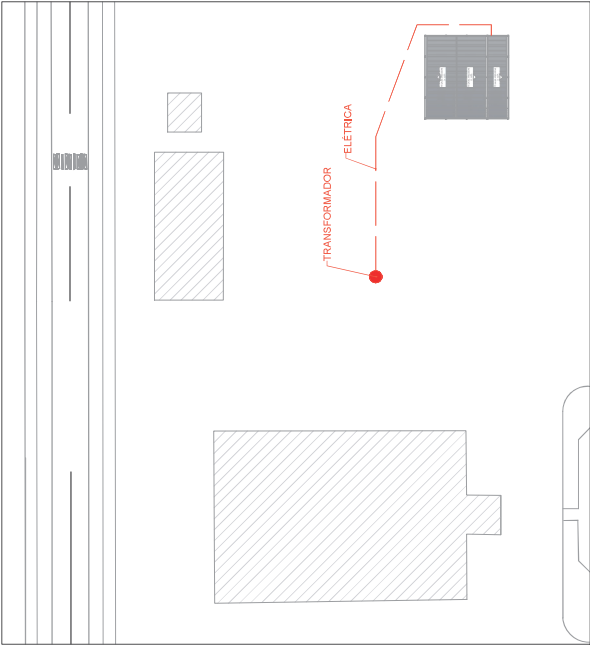
ÁREAS FRIAS (SANITÁRIOS E SIMILARES)



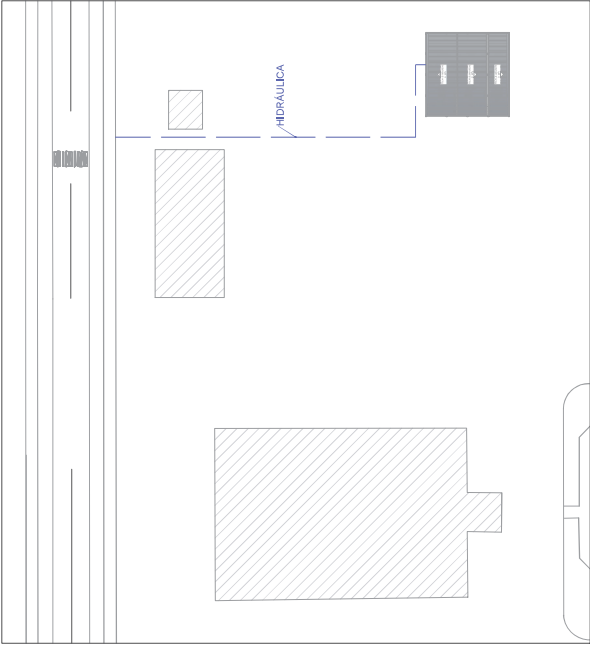
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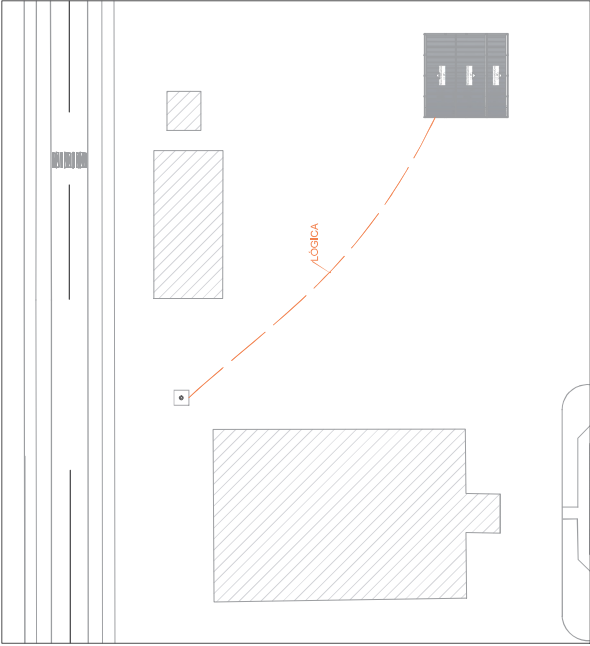
MEDIDAS EM CENTIMETROS



REDE ELÉTRICA - DERIVAÇÃO  
ESCALA 1:750  
MEDIDAS EM CENTIMETROS



REDE HIDRÁULICA - DERIVAÇÃO  
ESCALA 1:750  
MEDIDAS EM CENTIMETROS



REDE DE LÓGICA - DERIVAÇÃO  
ESCALA 1:750  
MEDIDAS EM CENTIMETROS

Documento: **04.ARQUITETONICOCJ.pdf**.

Assinatura Qualificada realizada por: **Fabio Antonio Neia Martini** em 10/10/2024 09:29.

Inserido ao protocolo **22.727.965-6** por: **Leticia Sacoman Sampaio** em: 09/09/2024 13:25.



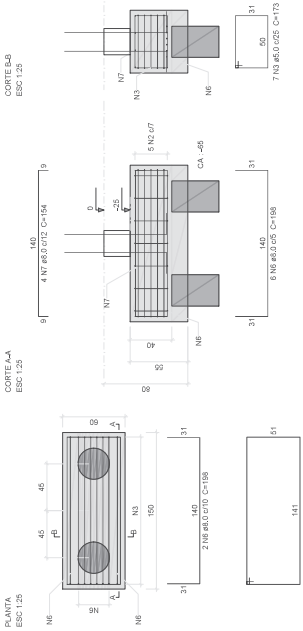
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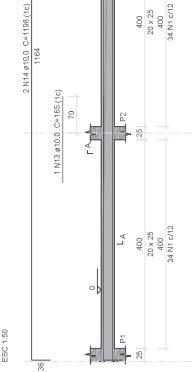
B8-B17  
2x E25  
PLANTA  
ESC. 1:25



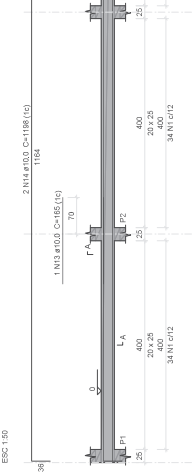




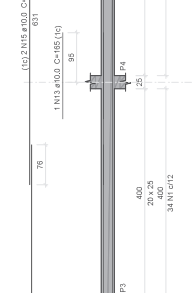
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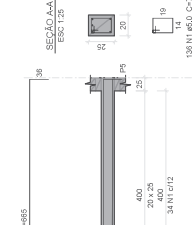
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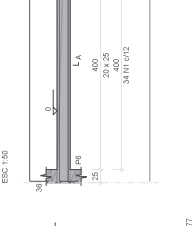
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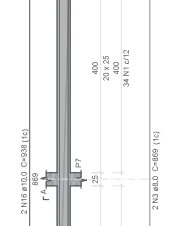
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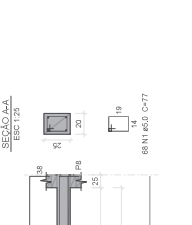
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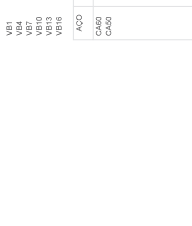
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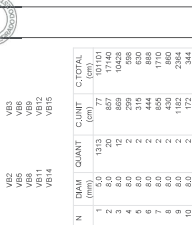
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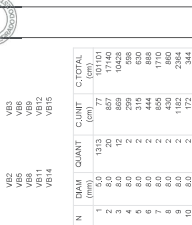
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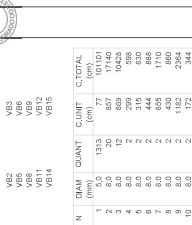
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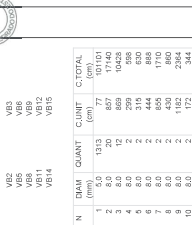
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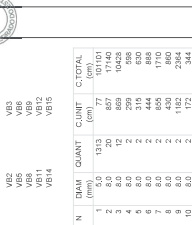
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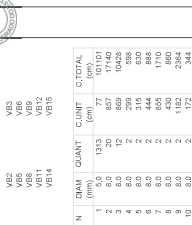
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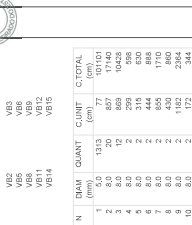
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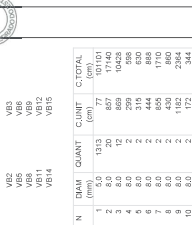
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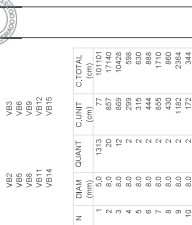
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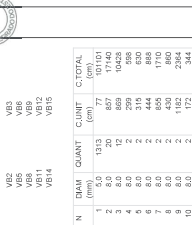
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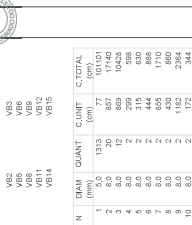
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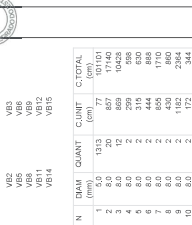
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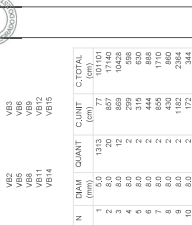
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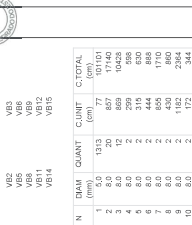
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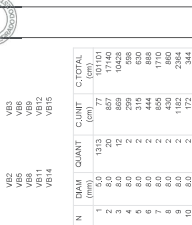
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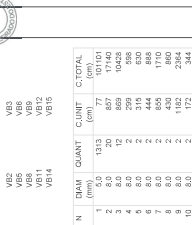
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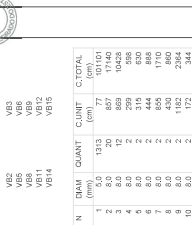
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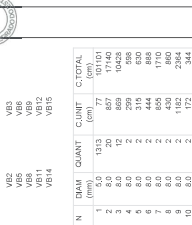
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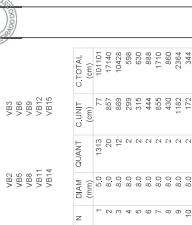
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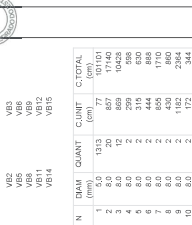
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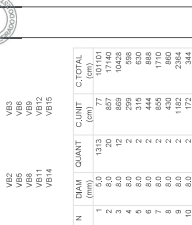
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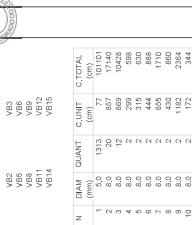
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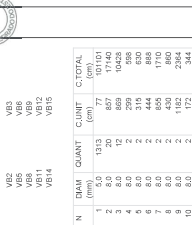
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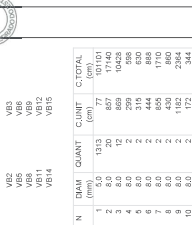
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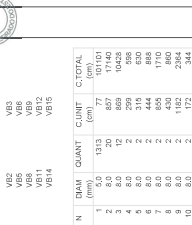
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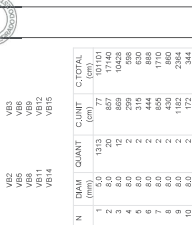
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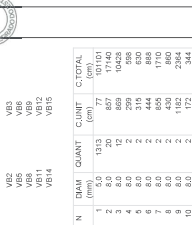
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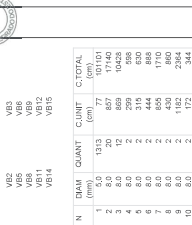
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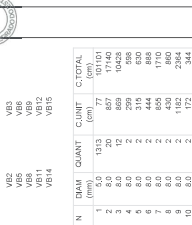
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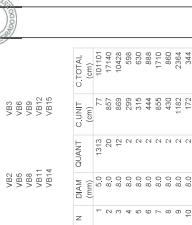
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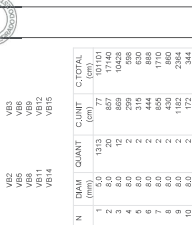
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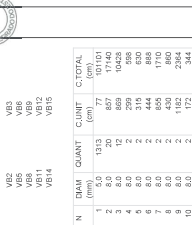
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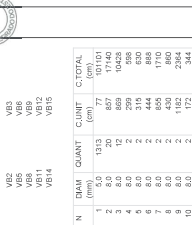
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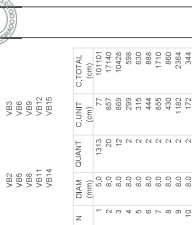
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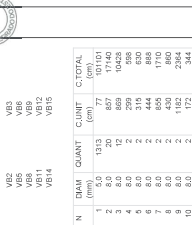
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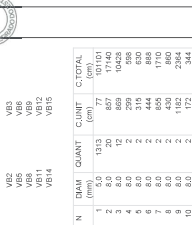
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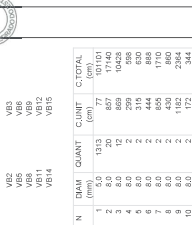
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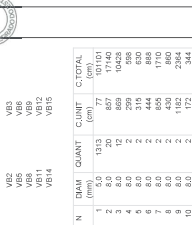
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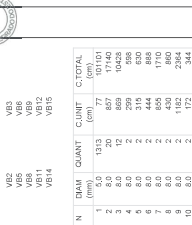
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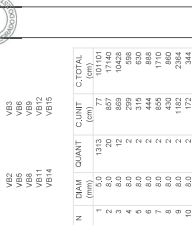
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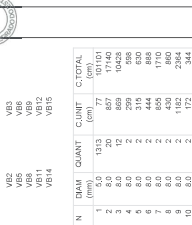
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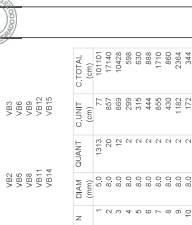
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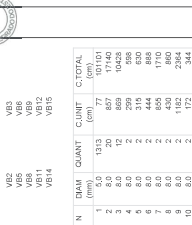
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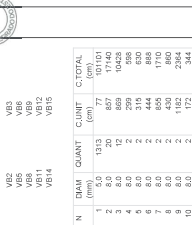
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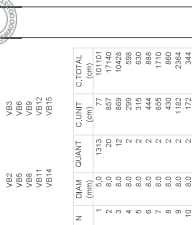
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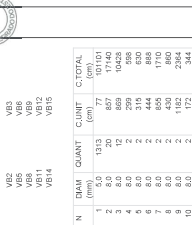
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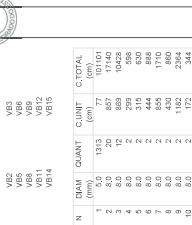
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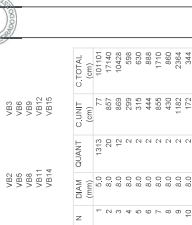
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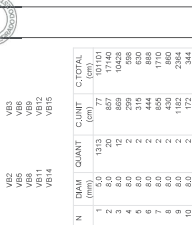
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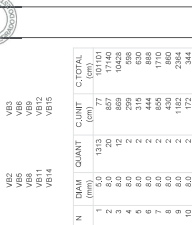
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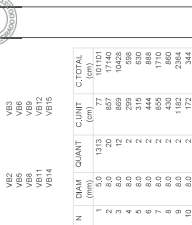
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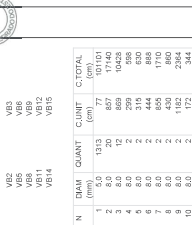
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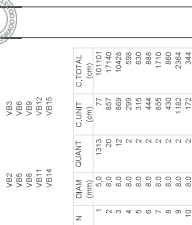
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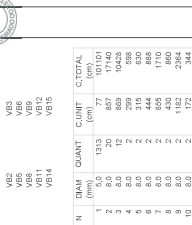
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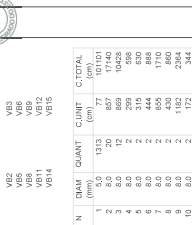
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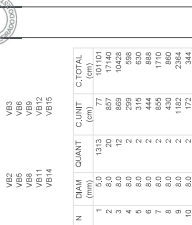
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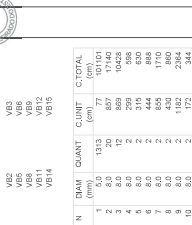
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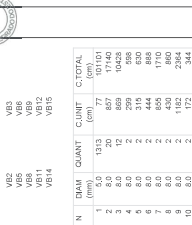
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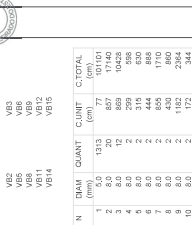
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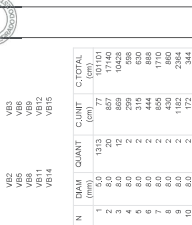
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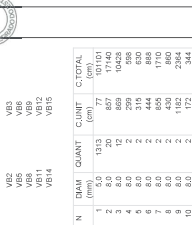
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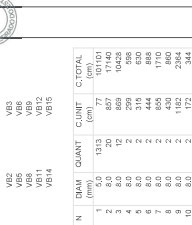
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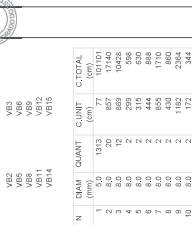
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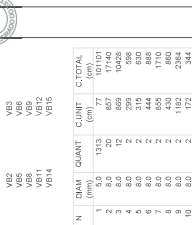
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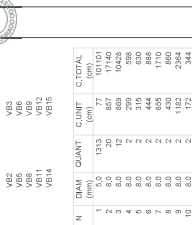
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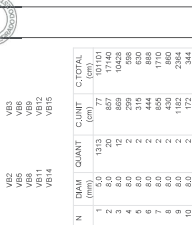
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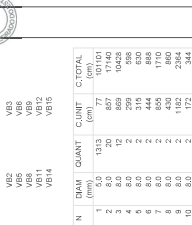
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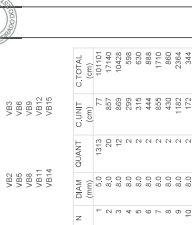
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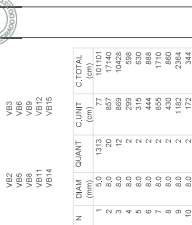
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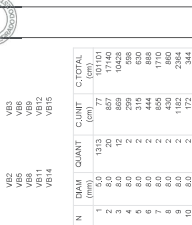
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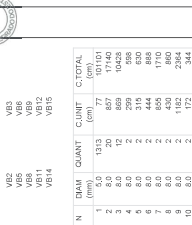
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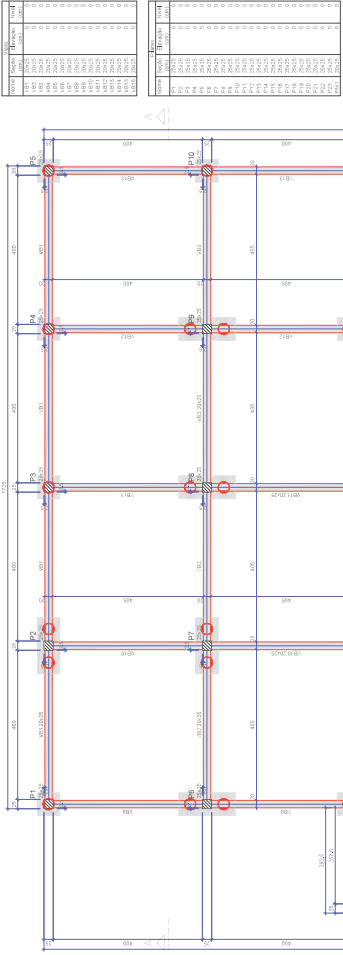
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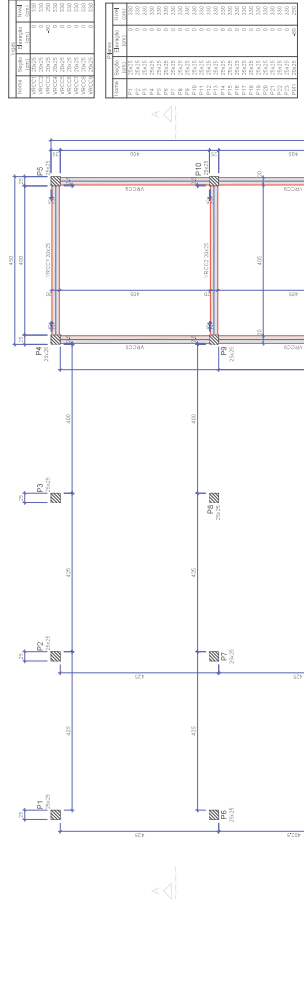
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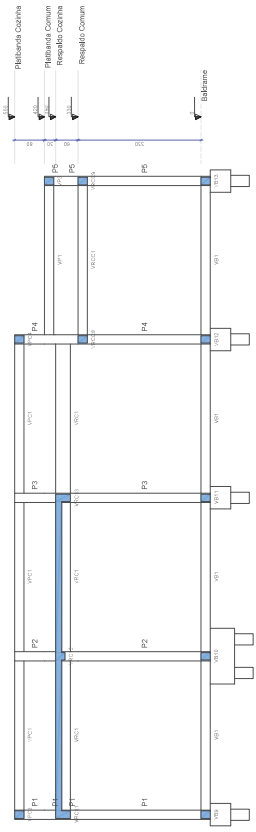
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Forma do pavimento Baldrame (Nível 0)  
m=4 x 1,0

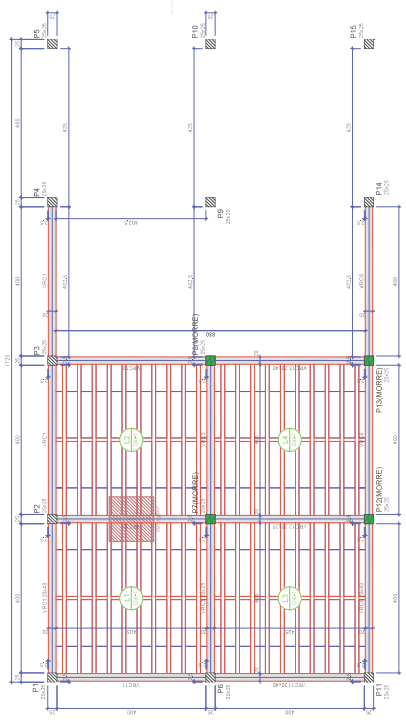


Forma do pavimento Respaldo Comum (Nível 330)  
m=4 x 1,0



Corte A-A  
m=4 x 1,0

Item	Quantidade	Unidade	Valor
1.0	1.00	m³	1.00
2.0	1.00	m³	1.00
3.0	1.00	m³	1.00
4.0	1.00	m³	1.00
5.0	1.00	m³	1.00
6.0	1.00	m³	1.00
7.0	1.00	m³	1.00
8.0	1.00	m³	1.00
9.0	1.00	m³	1.00
10.0	1.00	m³	1.00



Forma do pavimento Respaldo Cozinha (Nível 390)  
m=4 x 1,0

Item	Quantidade	Unidade	Valor
1.0	1.00	m³	1.00
2.0	1.00	m³	1.00
3.0	1.00	m³	1.00
4.0	1.00	m³	1.00
5.0	1.00	m³	1.00
6.0	1.00	m³	1.00
7.0	1.00	m³	1.00
8.0	1.00	m³	1.00
9.0	1.00	m³	1.00
10.0	1.00	m³	1.00



USUARIO/REPRESENTANTE DEL MONTE DE PIENSA, LEON CMT 2018-001-000-0-04	HENRIQUE XIMENES	28/08/2024	INDICADA	HENRIQUE F. DOMESTO DE ASSACIORE BLANCO CÓDIGO: 0000100
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**Plataformas Comuns:** 8-P1, 4-P2, 5-P3, 6-P5, 7-P6, 8-P7, 9-P8, 10-P9, 11-P10, 12-P11, 13-P12, 14-P13, 15-P14, 16-P15, 17-P16, 18-P17, 19-P18, 20-P19, 21-P20, 22-P21, 23-P22, 24-P23, 25-P24, 26-P25, 27-P26, 28-P27, 29-P28, 30-P29, 31-P30, 32-P31, 33-P32, 34-P33, 35-P34, 36-P35, 37-P36, 38-P37, 39-P38, 40-P39, 41-P40, 42-P41, 43-P42, 44-P43, 45-P44, 46-P45, 47-P46, 48-P47, 49-P48, 50-P49, 51-P50, 52-P51, 53-P52, 54-P53, 55-P54, 56-P55, 57-P56, 58-P57, 59-P58, 60-P59, 61-P60, 62-P61, 63-P62, 64-P63, 65-P64, 66-P65, 67-P66, 68-P67, 69-P68, 70-P69, 71-P70, 72-P71, 73-P72, 74-P73, 75-P74, 76-P75, 77-P76, 78-P77, 79-P78, 80-P79, 81-P80, 82-P81, 83-P82, 84-P83, 85-P84, 86-P85, 87-P86, 88-P87, 89-P88, 90-P89, 91-P90, 92-P91, 93-P92, 94-P93, 95-P94, 96-P95, 97-P96, 98-P97, 99-P98, 100-P99, 101-P100, 102-P101, 103-P102, 104-P103, 105-P104, 106-P105, 107-P106, 108-P107, 109-P108, 110-P109, 111-P110, 112-P111, 113-P112, 114-P113, 115-P114, 116-P115, 117-P116, 118-P117, 119-P118, 120-P119, 121-P120, 122-P121, 123-P122, 124-P123, 125-P124, 126-P125, 127-P126, 128-P127, 129-P128, 130-P129, 131-P130, 132-P131, 133-P132, 134-P133, 135-P134, 136-P135, 137-P136, 138-P137, 139-P138, 140-P139, 141-P140, 142-P141, 143-P142, 144-P143, 145-P144, 146-P145, 147-P146, 148-P147, 149-P148, 150-P149, 151-P150, 152-P151, 153-P152, 154-P153, 155-P154, 156-P155, 157-P156, 158-P157, 159-P158, 160-P159, 161-P160, 162-P161, 163-P162, 164-P163, 165-P164, 166-P165, 167-P166, 168-P167, 169-P168, 170-P169, 171-P170, 172-P171, 173-P172, 174-P173, 175-P174, 176-P175, 177-P176, 178-P177, 179-P178, 180-P179, 181-P180, 182-P181, 183-P182, 184-P183, 185-P184, 186-P185, 187-P186, 188-P187, 189-P188, 190-P189, 191-P190, 192-P191, 193-P192, 194-P193, 195-P194, 196-P195, 197-P196, 198-P197, 199-P198, 200-P199, 201-P200, 202-P201, 203-P202, 204-P203, 205-P204, 206-P205, 207-P206, 208-P207, 209-P208, 210-P209, 211-P210, 212-P211, 213-P212, 214-P213, 215-P214, 216-P215, 217-P216, 218-P217, 219-P218, 220-P219, 221-P220, 222-P221, 223-P222, 224-P223, 225-P224, 226-P225, 227-P226, 228-P227, 229-P228, 230-P229, 231-P230, 232-P231, 233-P232, 234-P233, 235-P234, 236-P235, 237-P236, 238-P237, 239-P238, 240-P239, 241-P240, 242-P241, 243-P242, 244-P243, 245-P244, 246-P245, 247-P246, 248-P247, 249-P248, 250-P249, 251-P250, 252-P251, 253-P252, 254-P253, 255-P254, 256-P255, 257-P256, 258-P257, 259-P258, 260-P259, 261-P260, 262-P261, 263-P262, 264-P263, 265-P264, 266-P265, 267-P266, 268-P267, 269-P268, 270-P269, 271-P270, 272-P271, 273-P272, 274-P273, 275-P274, 276-P275, 277-P276, 278-P277, 279-P278, 280-P279, 281-P280, 282-P281, 283-P282, 284-P283, 285-P284, 286-P285, 287-P286, 288-P287, 289-P288, 290-P289, 291-P290, 292-P291, 293-P292, 294-P293, 295-P294, 296-P295, 297-P296, 298-P297, 299-P298, 300-P299, 301-P300, 302-P301, 303-P302, 304-P303, 305-P304, 306-P305, 307-P306, 308-P307, 309-P308, 310-P309, 311-P310, 312-P311, 313-P312, 314-P313, 315-P314, 316-P315, 317-P316, 318-P317, 319-P318, 320-P319, 321-P320, 322-P321, 323-P322, 324-P323, 325-P324, 326-P325, 327-P326, 328-P327, 329-P328, 330-P329, 331-P330, 332-P331, 333-P332, 334-P333, 335-P334, 336-P335, 337-P336, 338-P337, 339-P338, 340-P339, 341-P340, 342-P341, 343-P342, 344-P343, 345-P344, 346-P345, 347-P346, 348-P347, 349-P348, 350-P349, 351-P350, 352-P351, 353-P352, 354-P353, 355-P354, 356-P355, 357-P356, 358-P357, 359-P358, 360-P359, 361-P360, 362-P361, 363-P362, 364-P363, 365-P364, 366-P365, 367-P366, 368-P367, 369-P368, 370-P369, 371-P370, 372-P371, 373-P372, 374-P373, 375-P374, 376-P375, 377-P376, 378-P377, 379-P378, 380-P379, 381-P380, 382-P381, 383-P382, 384-P383, 385-P384, 386-P385, 387-P386, 388-P387, 389-P388, 390-P389, 391-P390, 392-P391, 393-P392, 394-P393, 395-P394, 396-P395, 397-P396, 398-P397, 399-P398, 400-P399, 401-P400, 402-P401, 403-P402, 404-P403, 405-P404, 406-P405, 407-P406, 408-P407, 409-P408, 410-P409, 411-P410, 412-P411, 413-P412, 414-P413, 415-P414, 416-P415, 417-P416, 418-P417, 419-P418, 420-P419, 421-P420, 422-P421, 423-P422, 424-P423, 425-P424, 426-P425, 427-P426, 428-P427, 429-P428, 430-P429, 431-P430, 432-P431, 433-P432, 434-P433, 435-P434, 436-P435, 437-P436, 438-P437, 439-P438, 440-P439, 441-P440, 442-P441, 443-P442, 444-P443, 445-P444, 446-P445, 447-P446, 448-P447, 449-P448, 450-P449, 451-P450, 452-P451, 453-P452, 454-P453, 455-P454, 456-P455, 457-P456, 458-P457, 459-P458, 460-P459, 461-P460, 462-P461, 463-P462, 464-P463, 465-P464, 466-P465, 467-P466, 468-P467, 469-P468, 470-P

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PROJETO ESTRUTURAL  
CONSTRUÇÃO DO RESTAURANTE UNIVERSITÁRIO  
FILARES

UNIVERSIDADE ESTADUAL DO PARANÁ - UEPAR  
CURSO DE GRADUAÇÃO EM ENFERMAGEM

INSTITUTE OF MANAGEMENT SCIENCES

8/08/2024

JUDICADA

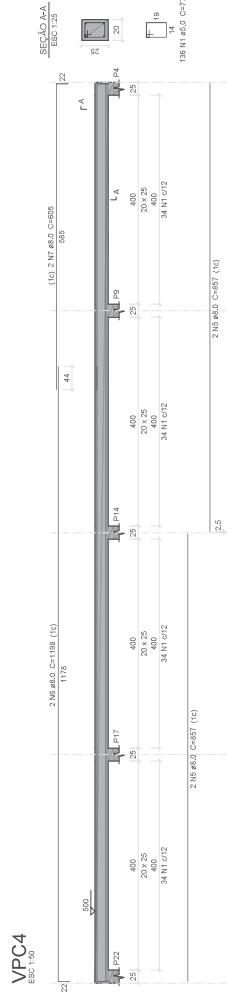
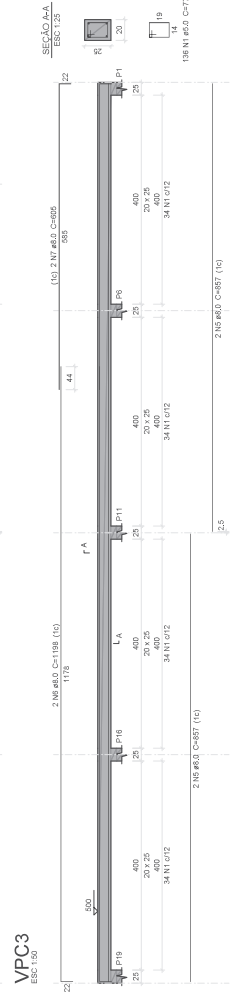
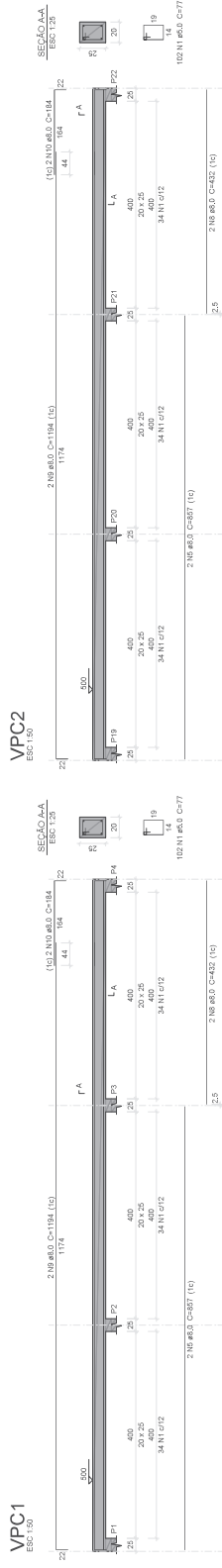
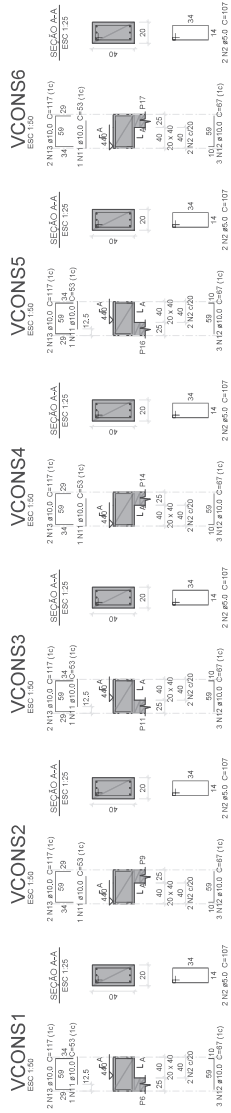
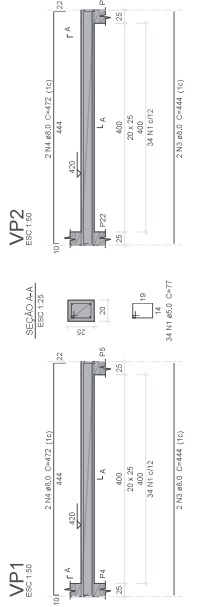
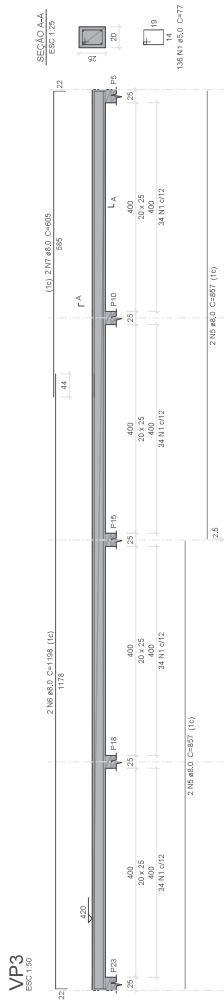


Relação do aço									
Plataforma Constr. VP1		VP2		VP3		VP4		C.TOTAL (cm)	
ACO	N	DIAM (mm)	QUANT	QUANT	QUANT	QUANT	QUANT	QUANT	QUANT
CA50	1	5,0	580	77	53380				
CA50	2	4,0	42	4	1776				
CA50	3	4,0	4	444	1776				
CA50	4	8,0	4	472	1888				
CA50	5	8,0	6	1095	1788				
CA50	6	8,0	6	1095	1788				
CA50	7	8,0	6	605	3650				
CA50	8	8,0	4	432	1728				
CA50	9	8,0	4	432	1728				
CA50	10	8,0	4	164	726				
CA50	11	10,0	6	53	316				
CA50	12	10,0	6	53	316				
CA50	13	10,0	12	117	1404				
CA50	14	10,0	12	117	1404				

Resumo do aço	DIAM (mm)	C. TOTAL (m)	PESO + 10 % (kg)
AÇO			
CA50	8,0	354,4	153,8
	10,0	29,3	19,9
CA60	5,0	536,5	91

Volume de concreto (C-25) = 4.19 m<sup>3</sup>  
Área de forma = 58.4 m<sup>2</sup>

Volume de concreto (C-25) = 4.19 m<sup>3</sup>  
Área de forma = 58.4 m<sup>2</sup>

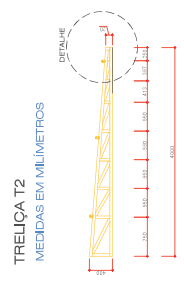


Material costs	60.25	13.04
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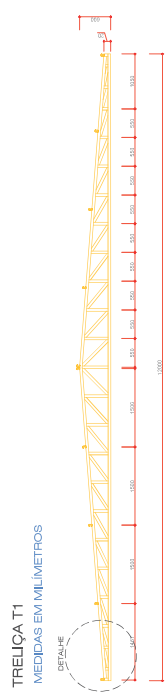
Classificação	Compartimento	Superfície
Superfície	[m <sup>2</sup> ]	[m <sup>2</sup> ]
0,000	124,171	4,994
0,484	119,272	31,123
0,451	3,001	27,892
0,429	22,402	1,323
0,434	112,000	9,804
0,356	22,402	48,580
0,356	22,402	7,921
	Subtotal	175,119
	Total	158,242

TABELA DE PERFIS

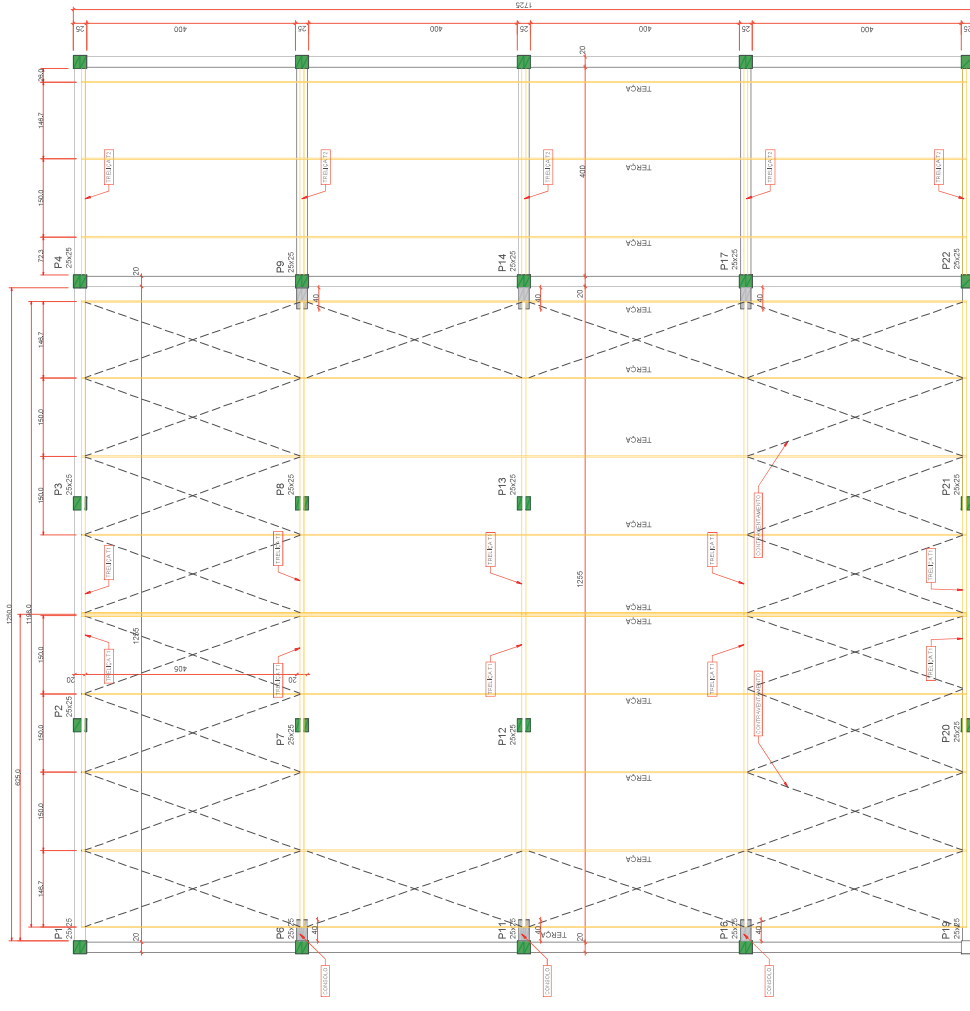
LOCAL	MODELO DE PERFIL	ESPECIFICAÇÃO
BANZO SUPERIOR		U 1505203.42 MM
BANZO INFERIOR		U 1505203.42 MM
MONTANTE CENTRAL		U CAVA DUPLA SOLDADA 1535202 66 MM
MONTANTES		CANTONEIRA DUPLA SIMETRICA 11,17" X 1,58"
DIAGRAMAS		CANTONEIRA DUPLA SIMETRICA 11,17" X 1,58"
TERÇAS		C 1005627 793.64 MM
FECHAMENTO		C 754204335.04 MM
CONTRAVENT.		BARRA REDONDA 1,2"



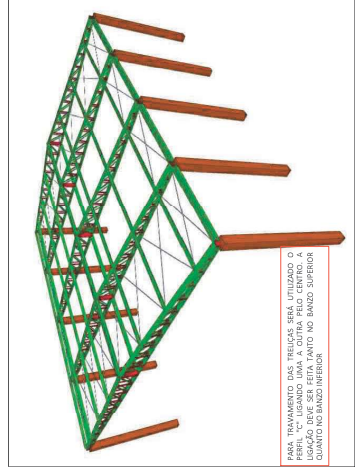
TRELIÇA T2



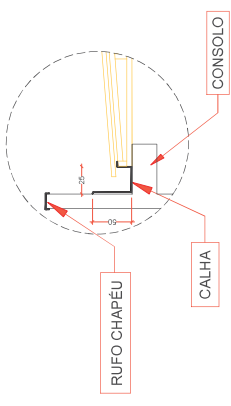
TRELIÇA T1  
MEDIDAS EM MILÍMETROS



PLANTA DE COBERTURA - ESQUEMA ESTRUTURAL METÁLICO  
MEDIDAS EM CENTÍMETROS






### DETALHE DE FECHAMENTO LATERAL



**LEGENDAS:**

Legenda dos pilares

- |  | Pitar que morre   | Pitar que passa   | Pitar com mudança de seção  |
|--|---|---|---|
|  |  |  |  |

Legenda das vigas e paredes

- 
- Viga em Concreto Armado

PROJETO ESTRUTURAL  
CONSTRUÇÃO DO RESTAURANTE UNIVERSITÁRIO  
PRANCHA DE ESTRUTURAS METÁLICAS

USAMBIQUE ETALIAN DO LAVORO E O PAZ - LEPD CNPJ 06.805.208/0001-64	28/08/2024	HENRIQUE XIMENES	INDICADA	HEMILIO F. BIANCHI DE ASSUNÇÃO B.B.2 CNPJ 02.281.700
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1/1

Documento: **05.ESTRUTURALCJ.pdf**.

Assinatura Qualificada realizada por: **Fabio Antonio Neia Martini** em 10/10/2024 09:28.

Assinatura Avançada realizada por: **Henrique Franciz Ximenes de Andrade Bilbao (XXX.870.379-XX)** em 09/09/2024 13:28 Local: UENP/RTA/PROPAV/SECOBRAS.

Inserido ao protocolo **22.727.965-6** por: **Leticia Sacoman Sampaio** em: 09/09/2024 13:25.



Documento assinado nos termos do Art. 38 do Decreto Estadual nº 7304/2021.

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Quadro de Cargas (QD1) - Térreo

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2016-18-19-2020	
Year	Amount
2016	1,345,000
2017	700,000
2018	1,500,000
2019	1,500,000
2020	1,500,000
2021	1,500,000
2022	1,500,000
2023	1,500,000
2024	1,500,000
2025	1,500,000
2026	1,500,000
2027	1,500,000
2028	1,500,000
2029	1,500,000
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2094	1,500,000
2095	1,500,000
2096	1,500,000
2097	1,500,000
2098	1,500,000
2099	1,500,000
2100	1,500,000

LEGENDA DE SÍMBOLOS	
	Alimentador Predial
	Registro de Pressão com PVC soldável
	Registro de gaveta c/canopla cromada c/PVC soldável

PROJETO HIDRÁULICO  
CONSTRUÇÃO DO RESTAURANTE UNIVERSITÁRIO



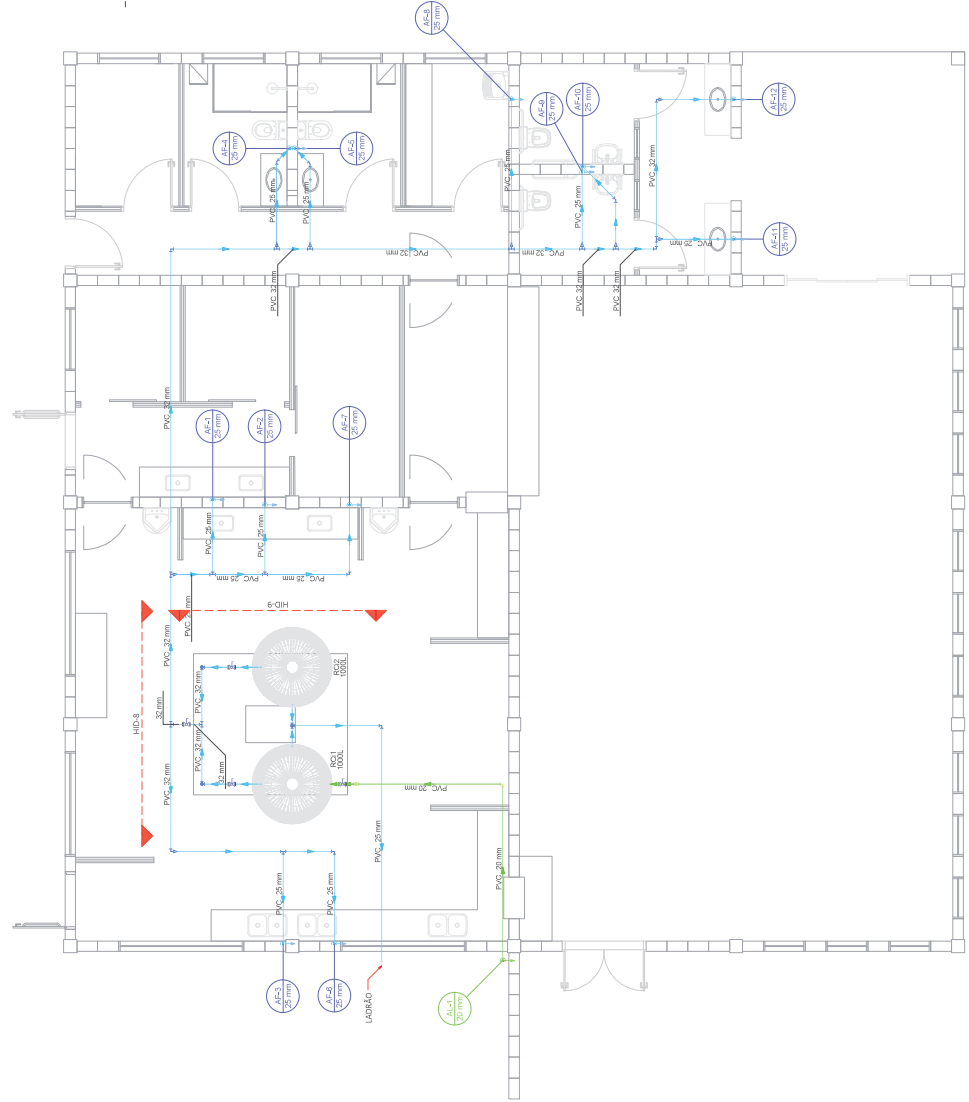
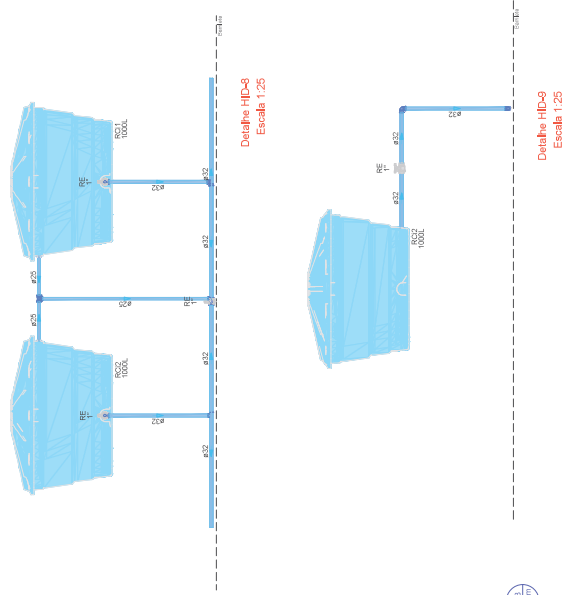


Detalhe HID-4  
Escala 1:25



## 2 / 3

LEIJA DE INTERIEM = DABRI LITE	
<b>Aluminiu</b>	
Material	Registru esafira V8 compact esafira 150°C
1	20 mm
PVC tipizat esafira	150°C
2	20 mm
3	20 mm
4	20 mm
5	20 mm
6	20 mm
7	20 mm
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168	20 mm
169	20 mm
170	2



PLANTA BAIXA ESQUEMÁTICA - PROJETO HIDRÁULICO - BARRILETE  
ESCALA: 1/50

PROJETO HIDRÁULICO  
CONSTRUÇÃO DO RESTAURANTE UNIVERSITÁRIO

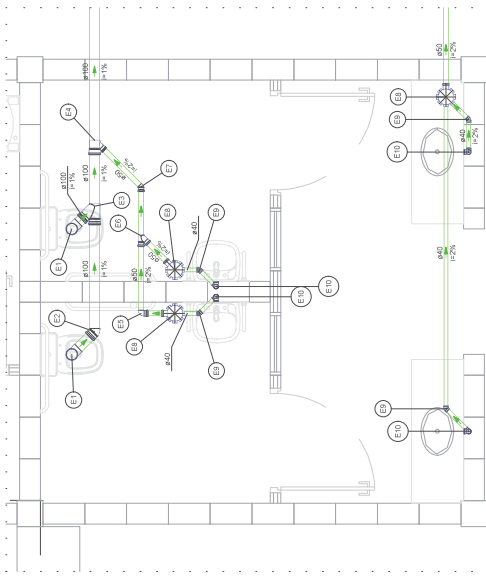
**LEGENDA - SIMBOLOGIA**

■ Registro esfera VS compacto soltável

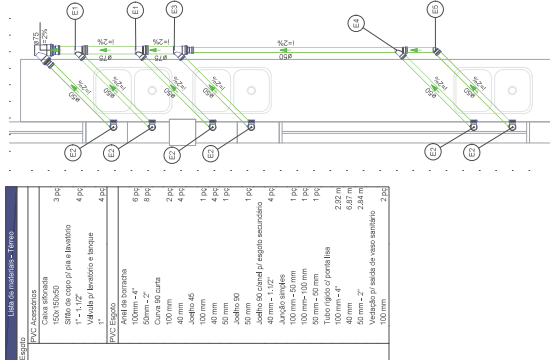
Legenda de condutos - Barrilete
Água fria
Alimentação

PLANTA BAIXA ESQUEMÁTICA - PROJETO ÁGUAS PLUVIAIS  
ESCALA: 1/50

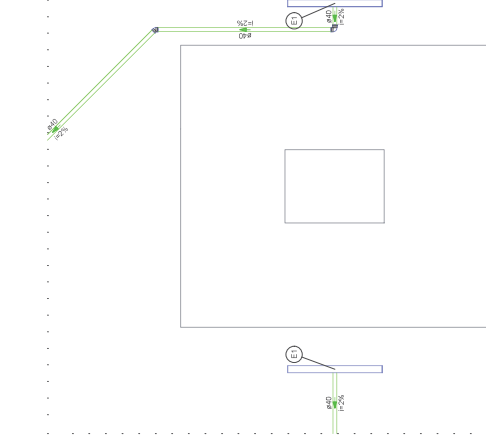




## Detail SAN-8

[illegible]

Detalhe SAN-5  
Escala 1:25

[illegible]Detailed SAN-3  
Ecode 1-28

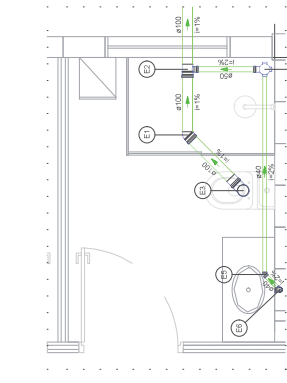
Lista de materiais - Terraço	
Espetro	
PVC Acessórios	
Rolo linear c/ grelha	2 pc
90 cm	
PVC Espetro	
Jonho 45	1 pc
40 mm	
Jonho 90	1 pc
40 mm	
Tubo rígido c/ ponta lisa	
40 mm	5,2 cm

E1	Rello linear c/ grilla	60 mm	Accesorios
	PVC Accesorios		

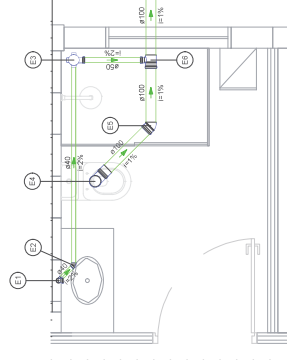
PROJETO SANITÁRIO

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**Detalhe SAN-4**

[illegible]Detailed SANS...  
Figure 1-25

Especificação de peças - Item 1		Quantidade	Valor unitário (R\$)	Valor total (R\$)
<b>PVC</b>	<b>Acabamento</b>			
	Estado de conservação para a instalação	500		
	Acabamento em PVC	500		
	Material de instalação e transporte	500		
	1"	500		
<b>H</b>				
	40 mm	500		
	40 mm, 45 cm, 1" e 1,5" e 2"	500		
	Tubo rígido de 1" e 1,5" e 2"	500		
	40 mm	500		
<b>E</b>				
	PVC Esperto	500		
	40 mm	500		
	40 mm	500		
<b>PVC</b>	<b>Acabamento</b>			
	Estado de conservação	500		
	Acabamento em PVC	500		
	Material de instalação	500		
	40 mm - 2"	500		
<b>PVC</b>	<b>Acabamento</b>			
	Estado de conservação	500		
	Acabamento em PVC	500		
	Material de instalação	500		
	40 mm - 2"	500		
<b>M</b>				
	Curva 90 graus	500		
	Velocidade de instalação de 100 mm	500		
<b>PVC</b>	<b>Acabamento</b>			
	Estado de conservação	500		
	Acabamento em PVC	500		
	Material de instalação	500		
<b>E</b>				
	40 mm - 2"	500		
	40 mm - 2"	500		
<b>PVC</b>	<b>Acabamento</b>			
	Estado de conservação	500		
	Acabamento em PVC	500		
	Material de instalação	500		
<b>M</b>				
	Curva 90 graus	500		
	Velocidade de instalação de 100 mm	500		

[illegible]

Documento: **06.COMPLEMENTARESCJ.pdf**.

Assinatura Qualificada realizada por: **Fabio Antonio Neia Martini** em 10/10/2024 09:28.

Assinatura Avançada realizada por: **Henrique Franciz Ximenes de Andrade Bilbao (XXX.870.379-XX)** em 09/09/2024 13:28 Local: UENP/RTA/PROPAV/SECOBRAS.

Inserido ao protocolo **22.727.965-6** por: **Leticia Sacoman Sampaio** em: 09/09/2024 13:25.



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