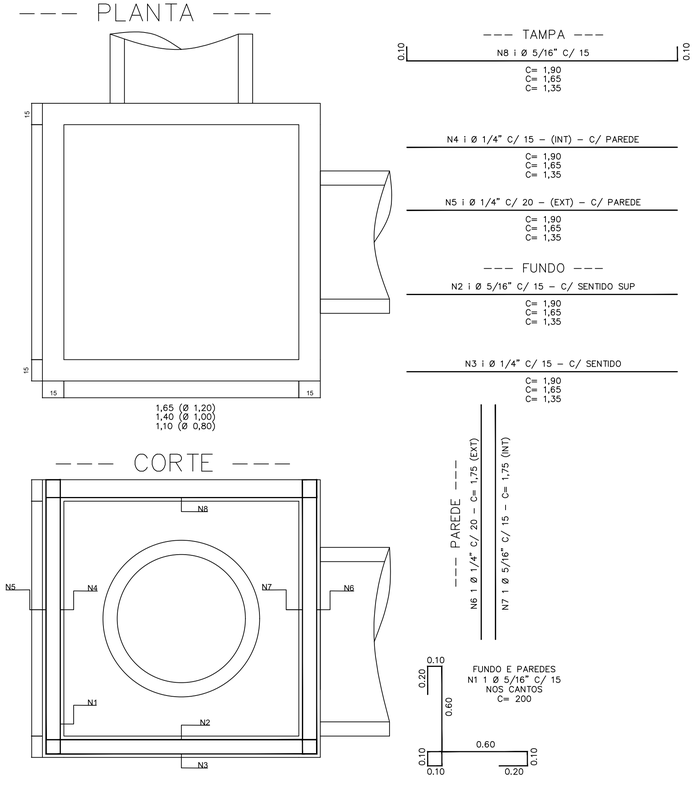
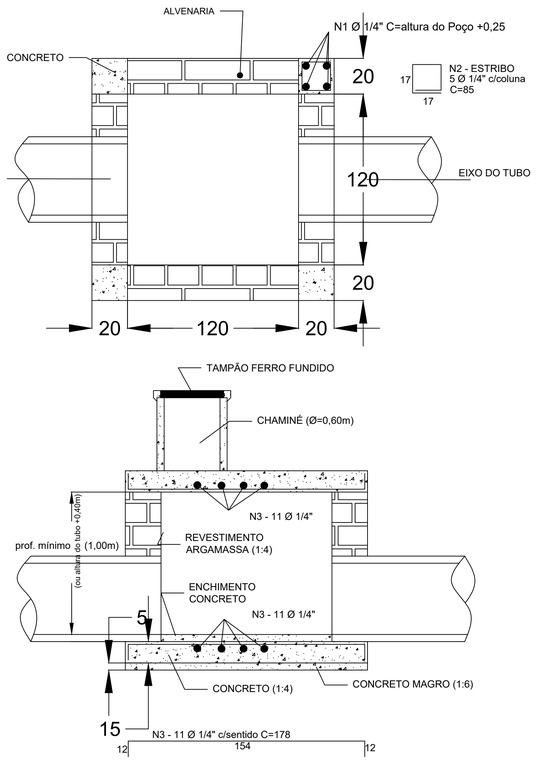
POÇO DE VISITA P/ TUBOS C/ Ø 1,20 m



TIPO DE POCO				d 1,20 x d 1,20		d 1,20 x d 1,00		d 1,20 x d 0,80		d 1,20 x 2 x d 1,00	
DIMENSAO (interno)				1,65 x 1,65		1,65 x 1,45		1,65 x 1,10		1,65 x 3,10	
ALTURA (luiz)				1,65 m		1,65 m		1,65 m		1,65 m	
			DIAM.	COMP	QUANT.	COMP	QUANT.	COMP	QUANT.	COMP	QUANT.
FUNDO	Canto	N1	5/16"	2,00 m	48	2,00 m	45	2,00 m	41	2,00 m	67
	Superior	N2	5/16"	1,90 m	12	1,90 m	11	1,90 m	8	1,90 m	22
				1,90 m	12	1,70 m	12	1,35 m	12	3,35 m	12
	Inferior	N3	1/4"	1,90 m	12	1,90 m	11	1,90 m	8	1,90 m	22
				1,90 m	12	1,70 m	12	1,35 m	12	3,35 m	12
PAREDE	Canto	N1	5/16"	2,00 m	48	2,00 m	48	2,00 m	48	2,00 m	48
	Inetrno	N4	5/16"	1,90 m	24	1,90 m	21	1,90 m	17	1,90 m	43
				1,90 m	24	1,70 m	24	1,35 m	24	3,35 m	24
	Externo	N5	1/4"	1,90 m	19	1,90 m	17	1,90 m	13	1,90 m	33
				1,90 m	19	1,70 m	19	1,35 m	19	3,35 m	19
	Externo	N6	1/4"	1,75 m	35	1,75 m	33	1,75 m	29,5	1,75 m	49,5
	Interno	N7	5/16"	1,75 m	46	1,75 m	43	1,75 m	39	1,75 m	65
TAMPA	Inferior	N8	5/16"	2,10 m	12	2,10 m	11	2,10 m	8	2,10 m	22
				2,10 m	12	1,90 m	12	1,55 m	12	3,55 m	12

RESUMO		COMP	PESO	COMP	PESO	COMP	PESO	COMP	PESO
	1/4"	177,15 m	44,29 kg	161,22 m	40,30 kg	133,33 m	33,33 kg	292,67 m	73,17 kg
	5/16"	459,70 m	160.90 kg	429,70 m	150,40 kg	377,20 m	132,02 kg	677,20 m	237,02 kg
	TOTAL		205.18 kg		190,70 kg		165,35 kg		310,19 kg
	Arame recozido		10,26 kg		9,53 kg		8,27 kg		15,51 kg
	Volume de Concreto		2,58 m3		2,37 m3		1,99 m3		4,15 m3
	Area de Forma		25.02 m2		23,64 m2		21,23 m2		35,03 m2

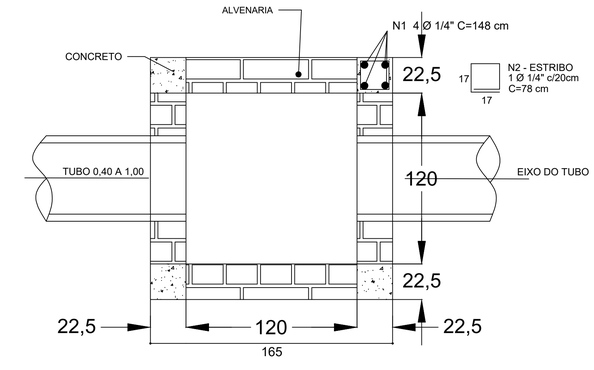
Poço de Visita

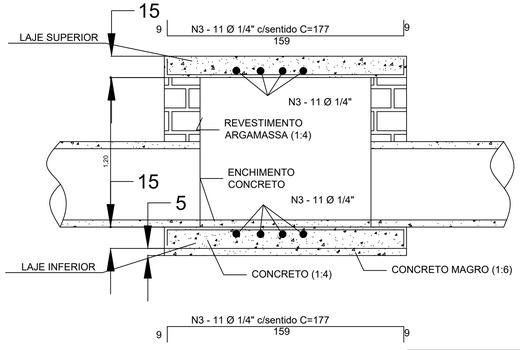


RELAÇÃO DO AÇO			
	Ø	COMP.	QUANT.
N1	1/4"	120	16
N2	1/4"	85	20
N3	1/4"	178	44

RESUMO DE MATERIAIS
FERRO 1/4" - 29,16Kg
CONC. MAGRO - 0,14m3
CONC. ESTRUTURAL - 1,02m3
FORMA - 5,10m2
ALVENARIA TIJOLO MACIÇO - 1,04m3
REVESTIMENTO - 4,60m2

Caixa de Ligação





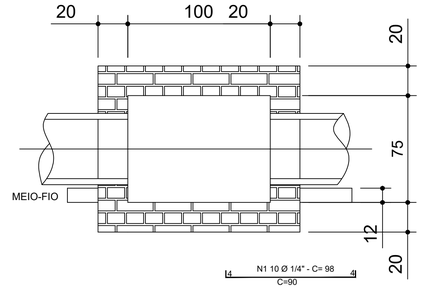
RELAÇÃO DO AÇO			
	Ø	COMP.	QUANT.
N1	1/4"	148	16
N2	1/4"	78	24
N3	1/4"	177	44

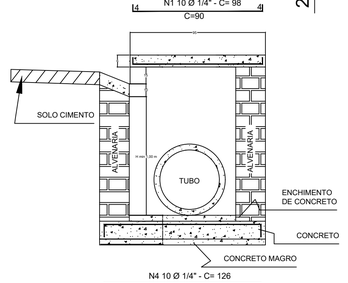
RESUMO DE MATERIAIS
FERRO 1/4" - 30,05Kg
CONC. MAGRO - 0,14m3
CONC. ESTRUTURAL - 1,06m3
FORMA - 5,46m2
ALVENARIA TIJOLO MACIÇO - 1,04m3
REVESTIMENTO - 5,52m2

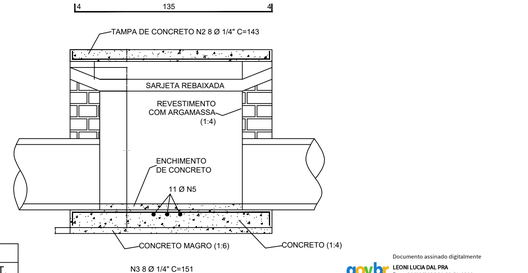
RELAÇÃO AÇO			
	Ø	COMP.	QUANT.
N1	1/4"	98	10
N2	1/4"	143	8
N3	1/4"	151	8
N4	1/4"	126	10
N5	1/4"	121	11

RESUMO MATERIAIS
FERRO 1/4" - 14.82Kg
CONCRETO MAGRO - 0.094m3
CONCRETO ESTRUTURAL-0.40m3
ALVENARIA - 1.30m2
REVESTIMENTO - 4.40m2
FORMA - 2.20m2

Boca de Lobo Padrão







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PREFEITURA MUNICIPAL DE LOANDA

LOCAL
COLETOR EMISSÁRIO LOTEAMENTOS DA CIDADE

OBRA
REDE DE GALERIAS DE ÁGUAS PLUVIAIS

ESCALA
SEM ESCALA

PRANCHA NUMERO
01

AUTOR DO PROJETO
ENG CIVIL - LEONI LÚCIA DAL-PRÁ
CREA 11.429/D-PR

ASSINATURA

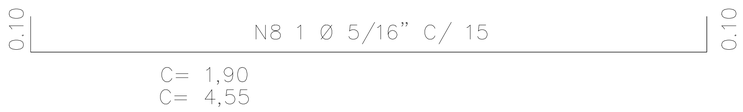
DISCRIMINAÇÃO
DETALHES CONSTRUTIVOS
BOCA DE LOBO, CAIXA DE LIGAÇÃO, POÇOS DE VISITA EM ALVENARIA/CONCRETO

DESENHO

DATA
JUNHO / 2025

--- DETALHAMENTO DA FERRAGEM ---

--- TAMPA ---



--- PAREDE ---

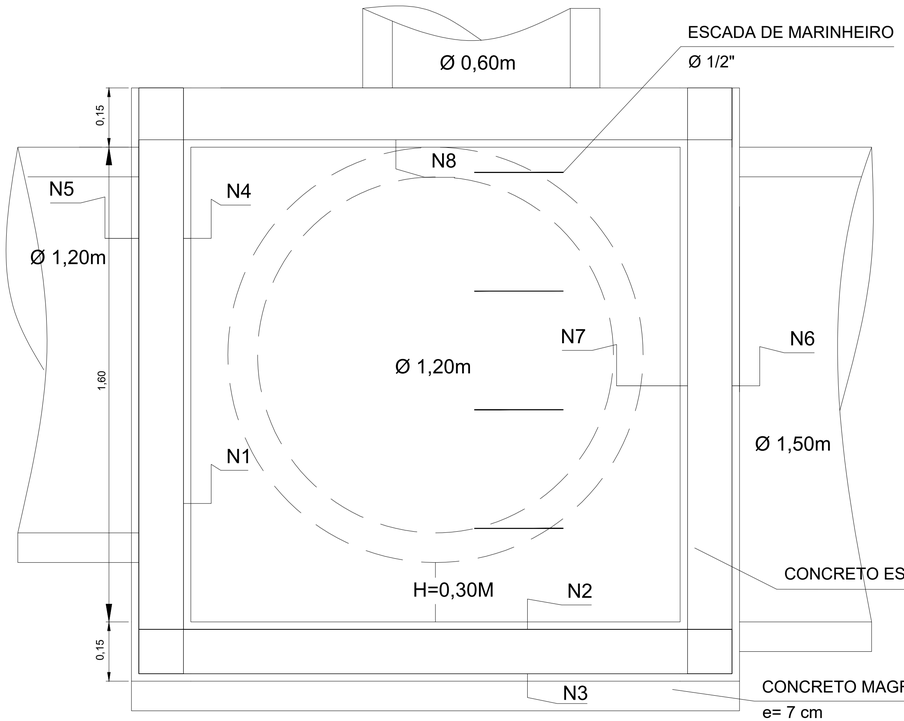
N4 1 Ø 5/16" C/ 15 – (INT) – C/ PAREDE

C= 1,90
C= 4,55

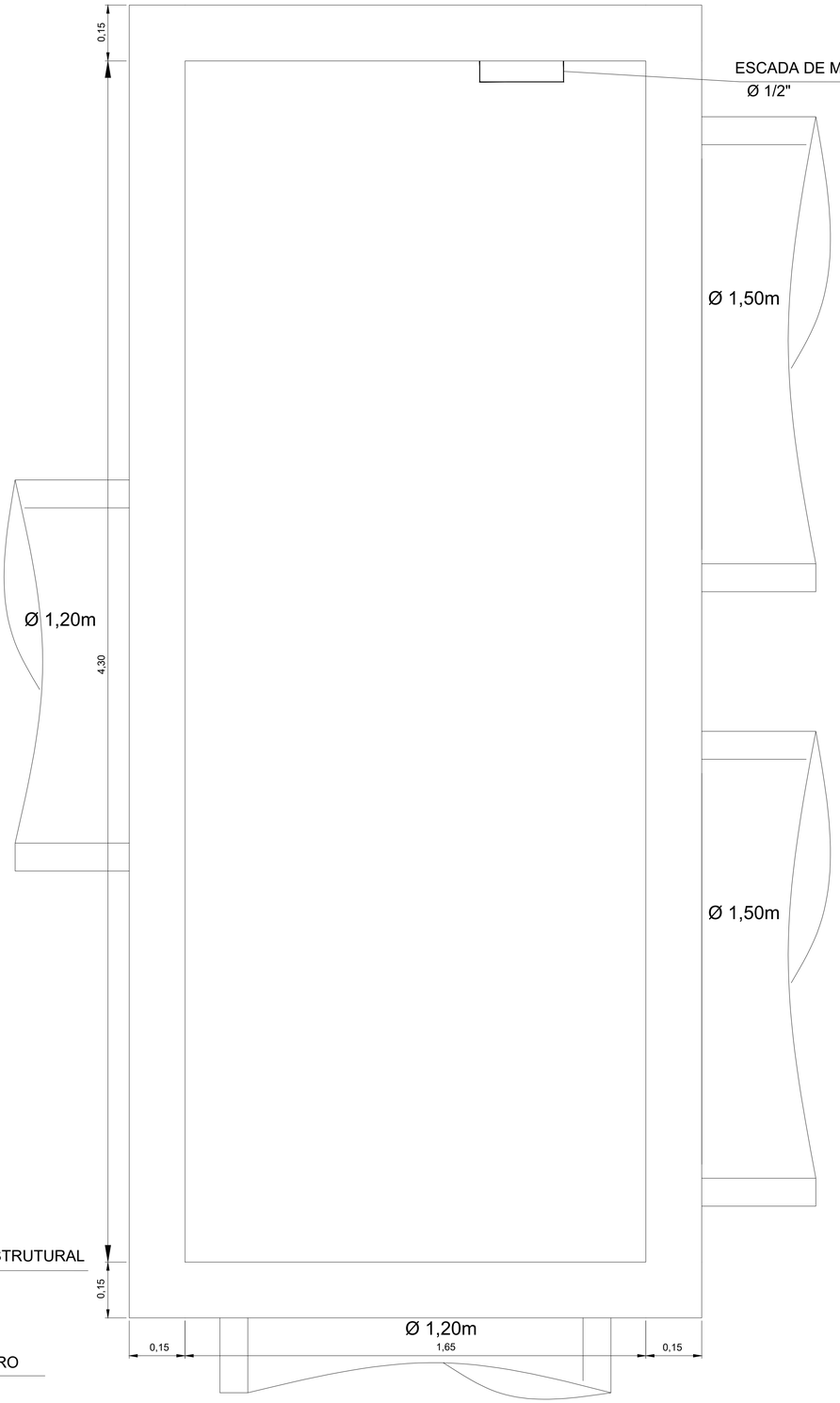
N5 1 Ø 1/4" C/ 20 – (EXT) – C/ PAREDE

C= 1,90
C= 4,55

--- CORTE ---



--- PLANTA ---



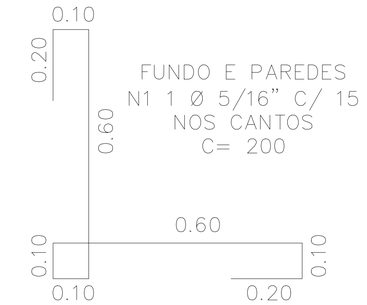
--- FUNDO ---

N2 1 Ø 5/16" C/ 15 – C/ SENTIDO SUP

C= 1,90
C= 4,55

N3 1 Ø 1/4" C/ 15 – C/ SENTIDO

C= 1,90
C= 4,55



--- PAREDE ---

N6 1 Ø 1/4" C/ 20 – C= 1,85 M (EXT)

N7 1 Ø 5/16" C/ 15 – C= 1,85 M (INT)

RELAÇÃO AÇO			
	Ø	COMP.	QUANT.
N1	5/16"	2m	84
N2	5/16"	1,90/4,55m	32/14
N3	1/4"	1,90/4,55m	32/14
N4	5/16"	(1,90/4,55m)x2	14/14
N5	1/4"	(1,90/4,55m)x2	11/11
N6	1/4"	1,85mx2	24/11
N7	5/16"	1,85mx2	32/14
N8	5/16"	4,75/2,1m2	14/32
	1/2"	0,80m (escada)	4

RESUMO MATERIAIS
FERRO - 427.813 Kg
CONCRETO MAGRO - 0.628 m3
CONCRETO ESTRUTURAL-5.691m3
FORMA - 51.52 m2

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PREFEITURA MUNICIPAL DE LOANDA

LOCAL
COLETOR EMISSÁRIO LOTEAMENTOS DA CIDADE

OBRA
REDE DE GALERIAS DE ÁGUAS PLUVIAIS

ESCALA
SEM ESCALA

AUTOR DO PROJETO — ASSINATURA
ENG CIVIL - LEONI LÚCIA DAL-PRÁ
CREA 11.429/D-PR

DISCRIMINAÇÃO
DETALHES CONSTRUTIVOS
PV K (POÇO DE VISITA)

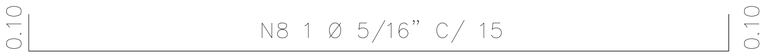
DESENHO

DATA
JUNHO / 2025

PRANCHA NÚMERO
02

--- DETALHAMENTO DA FERRAGEM ---

--- TAMPA ---



C= 1,65
C= 4,55

--- PAREDE ---

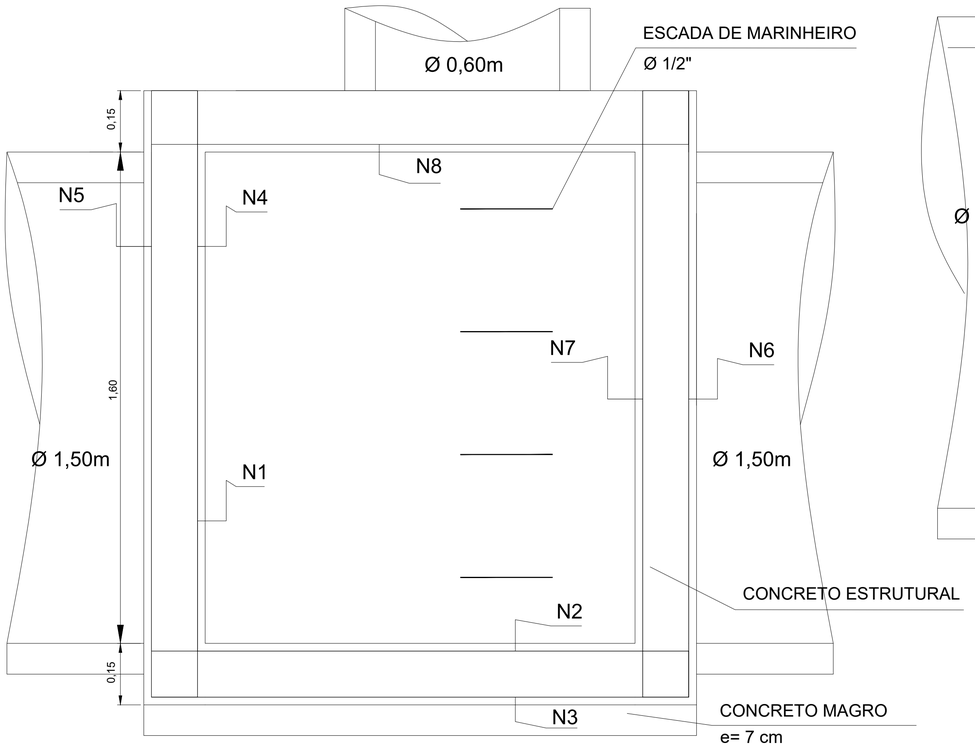
N4 1 Ø 5/16" C/ 15 – (INT) – C/ PAREDE

C= 1,65
C= 4,55

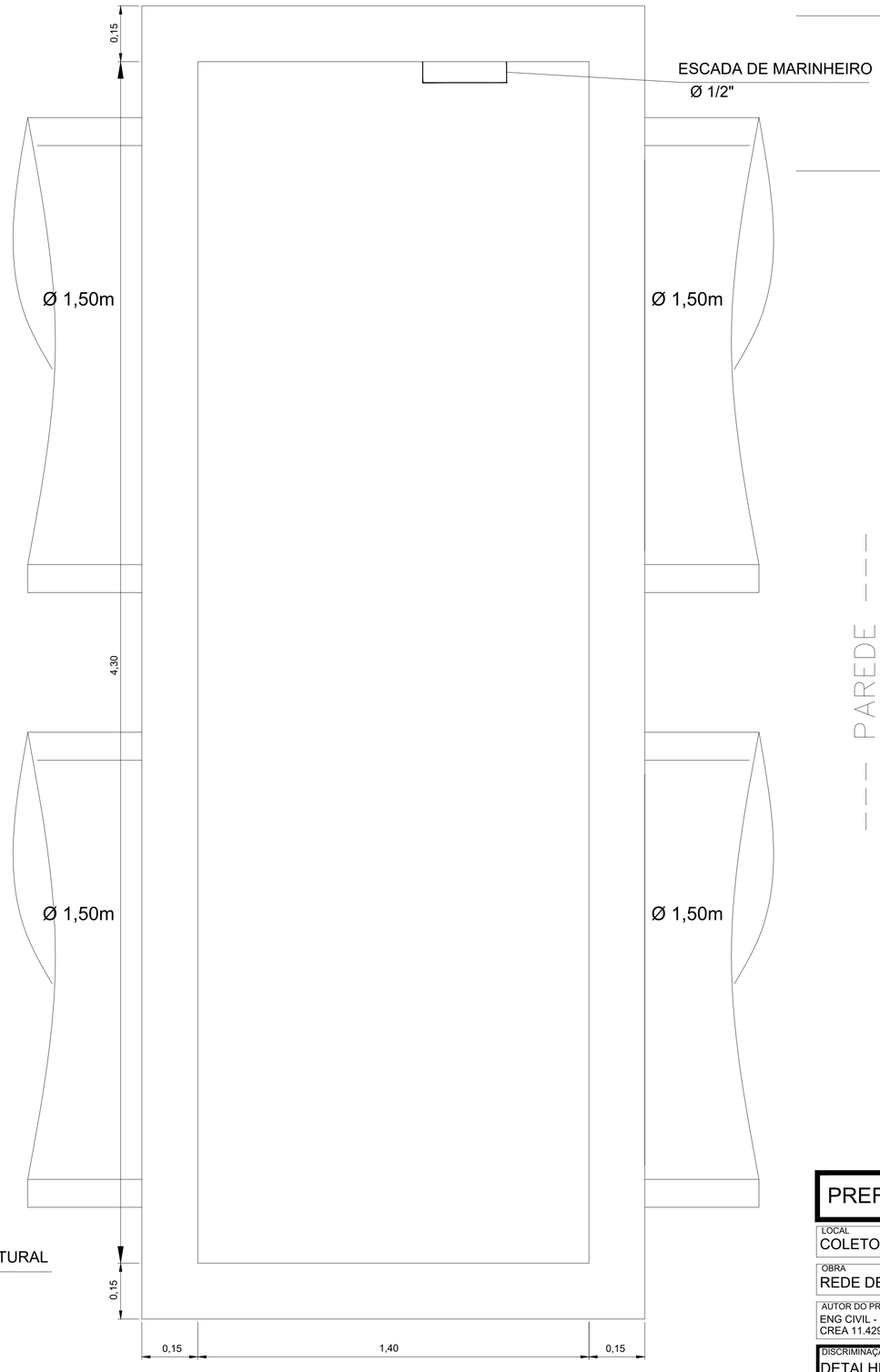
N5 1 Ø 1/4" C/ 20 – (EXT) – C/ PAREDE

C= 1,65
C= 4,55

--- CORTE ---



--- PLANTA ---



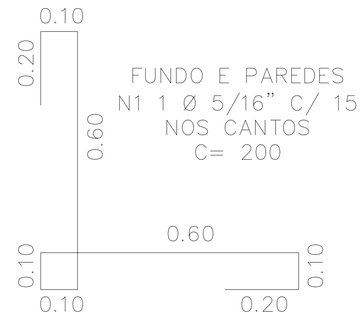
--- FUNDO ---

N2 1 Ø 5/16" C/ 15 – C/ SENTIDO SUP

C= 1,65
C= 4,55

N3 1 Ø 1/4" C/ 15 – C/ SENTIDO

C= 1,65
C= 4,55



--- PAREDE ---

N6 1 Ø 1/4" C/ 20 – C= 1,85 M (EXT)

N7 1 Ø 5/16" C/ 15 – C= 1,85 M (INT)

RELAÇÃO AÇO			
	Ø	COMP.	QUANT.
N1	5/16"	2m	80
N2	5/16"	1,65/4,55m	32/12
N3	1/4"	1,65/4,55m	32/12
N4	5/16"	(1,65/4,55m)x2	14/14
N5	1/4"	(1,65/4,55m)x2	11/11
N6	1/4"	1,85mx2	24/10
N7	5/16"	1,85mx2	32/12
N8	5/16"	4,75/1,85m	12/32
	1/2"	0,80m (escada)	4

RESUMO MATERIAIS
FERRO - 379.882 Kg
CONCRETO MAGRO - 0.547 m3
CONCRETO ESTRUTURAL- 5.226m3
FORMA - 48.20 m2

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PREFEITURA MUNICIPAL DE LOANDA

LOCAL
COLETOR EMISSÁRIO LOTEAMENTOS DA CIDADE

OBRA
REDE DE GALERIAS DE ÁGUAS PLUVIAIS

ESCALA
SEM ESCALA

PRANCHA NÚMERO
03

AUTOR DO PROJETO
ENG CIVIL - LEONI LÚCIA DAL-PRÁ
CREA 11.429/D-PR

ASSINATURA

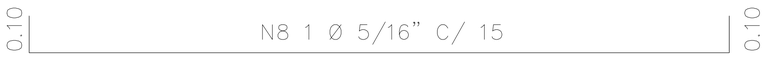
DISCRIMINAÇÃO
DETALHES CONSTRUTIVOS
PV L (POÇO DE VISITA)

DESENHO

DATA
JUNHO / 2025

--- DETALHAMENTO DA FERRAGEM ---

--- TAMPA ---



C= 1,65
C= 4,55

--- PAREDE ---

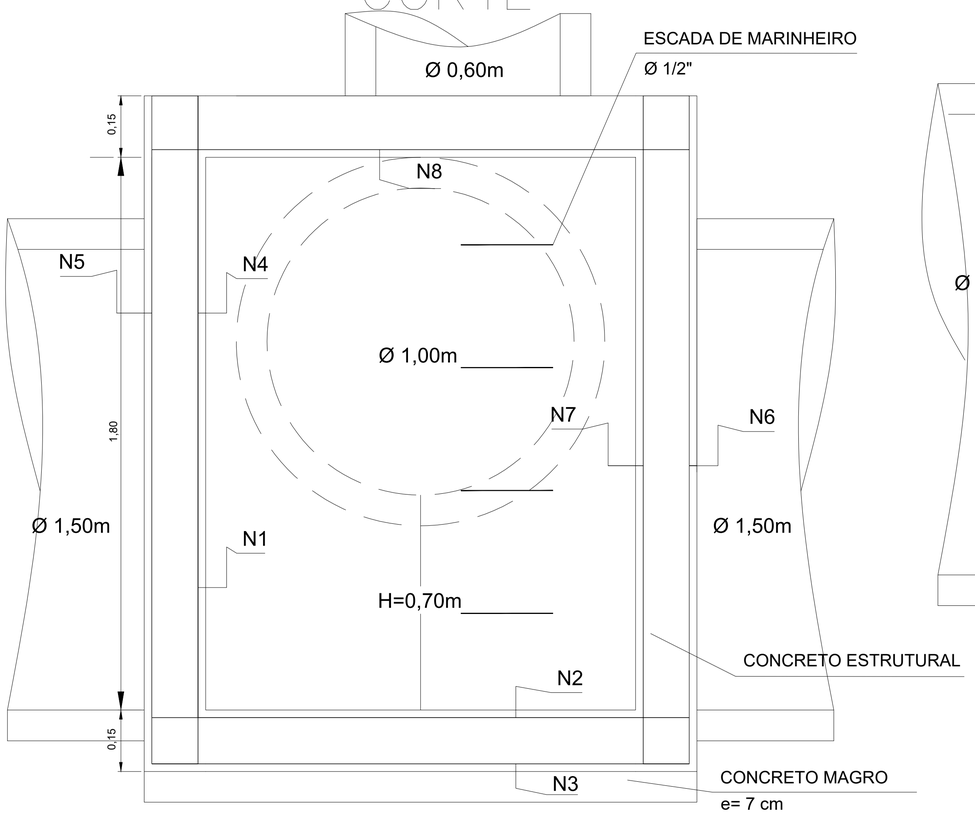
N4 1 Ø 5/16" C/ 15 – (INT) – C/ PAREDE

C= 1,65
C= 4,55

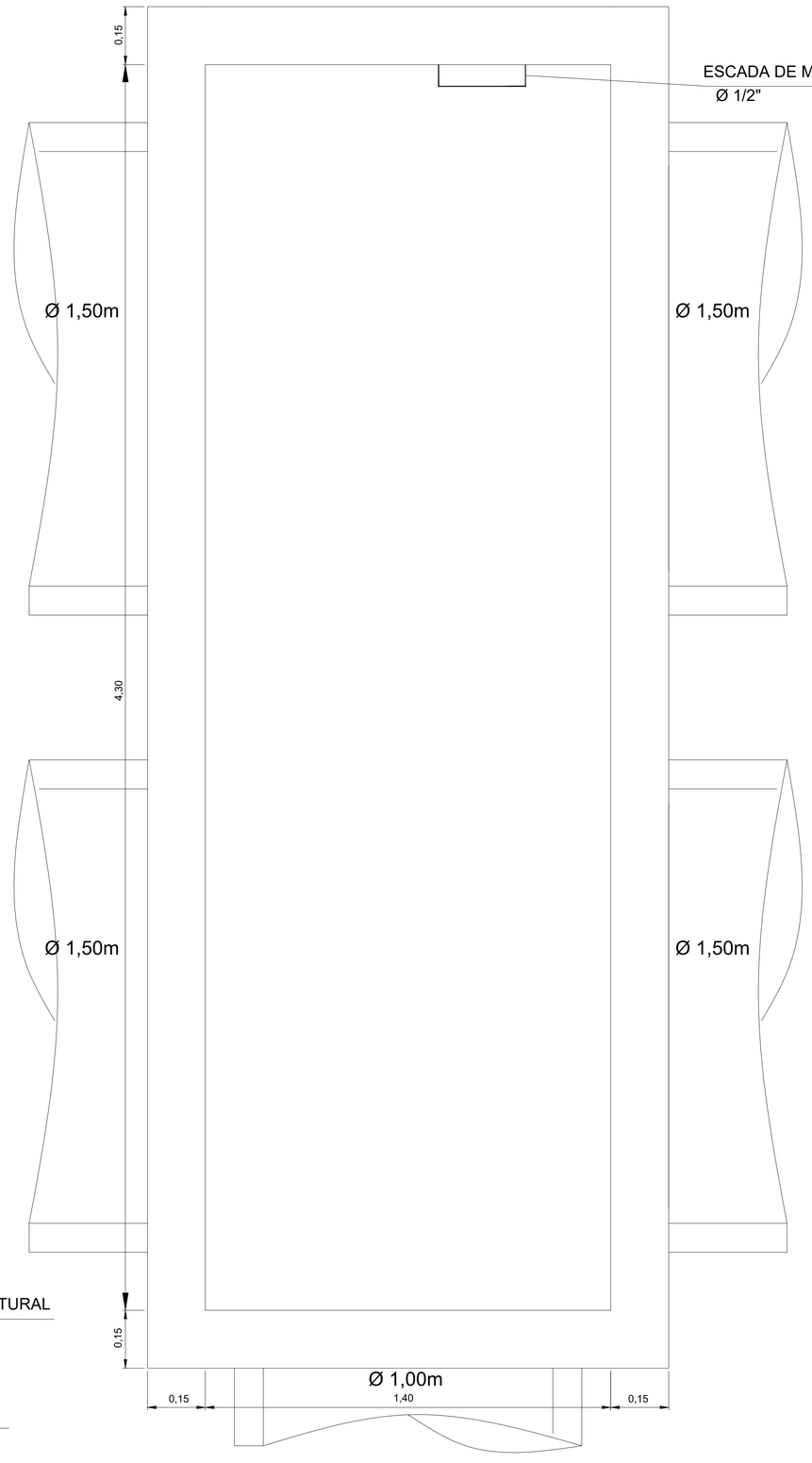
N5 1 Ø 1/4" C/ 20 – (EXT) – C/ PAREDE

C= 1,65
C= 4,55

--- CORTE ---



--- PLANTA ---



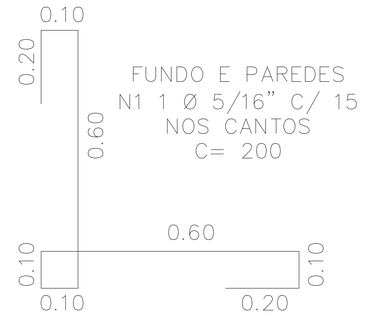
--- FUNDO ---

N2 1 Ø 5/16" C/ 15 – C/ SENTIDO SUP

C= 1,65
C= 4,55

N3 1 Ø 1/4" C/ 15 – C/ SENTIDO

C= 1,65
C= 4,55



--- PAREDE ---

N6 1 Ø 1/4" C/ 20 – C= 2,05 M (EXT)

N7 1 Ø 5/16" C/ 15 – C= 2,05 M (INT)

RELAÇÃO AÇO			
	Ø	COMP.	QUANT.
N1	5/16"	2m	80
N2	5/16"	1,65/4,55m	32/12
N3	1/4"	1,65/4,55m	32/12
N4	5/16"	(1,65/4,55m)x2	15/15
N5	1/4"	(1,65/4,55m)x2	12/12
N6	1/4"	2,05mx2	24/10
N7	5/16"	2,05mx2	32/12
N8	5/16"	4,75/1,85m	12/32
	1/2"	0,80m (escada)	4

RESUMO MATERIAIS
FERRO - 398.232 Kg
CONCRETO MAGRO - 0.547 m3
CONCRETO ESTRUTURAL- 5.586m3
FORMA - 53.00 m2

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PREFEITURA MUNICIPAL DE LOANDA

LOCAL
COLETOR EMISSÁRIO LOTEAMENTOS DA CIDADE

OBRA
REDE DE GALERIAS DE ÁGUAS PLUVIAIS

ESCALA
SEM ESCALA

PRANCHA NÚMERO
04

AUTOR DO PROJETO
ENG CIVIL - LEONI LÚCIA DAL-PRÁ
CREA 11.429/D-PR

ASSINATURA

DISCRIMINAÇÃO
DETALHES CONSTRUTIVOS
PV M (POÇO DE VISITA)

DESENHO

DATA
JUNHO / 2025

--- PAREDE ---

N4 1 Ø 5/16" C/ 15 – (INT) – C/ PAREDE

C= 4,65
C= 4,65

N5 1 Ø 5/16" C/ 20 – (EXT) – C/ PAREDE

C= 4,65
C= 4,65

--- DETALHAMENTO DA FERRAGEM ---

--- TAMPA ---

0.10 — N8 1 Ø 3/8" C/ 15 — 0.10

C= 4,65
C= 4,65

--- FUNDO ---

N2 1 Ø 5/16" C/ 15 – C/ SENTIDO SUP

C= 4,65
C= 4,65

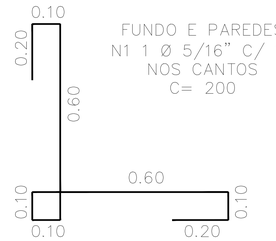
N3 1 Ø 1/4" C/ 15 – C/ SENTIDO

C= 4,65
C= 4,65

--- PAREDE ---

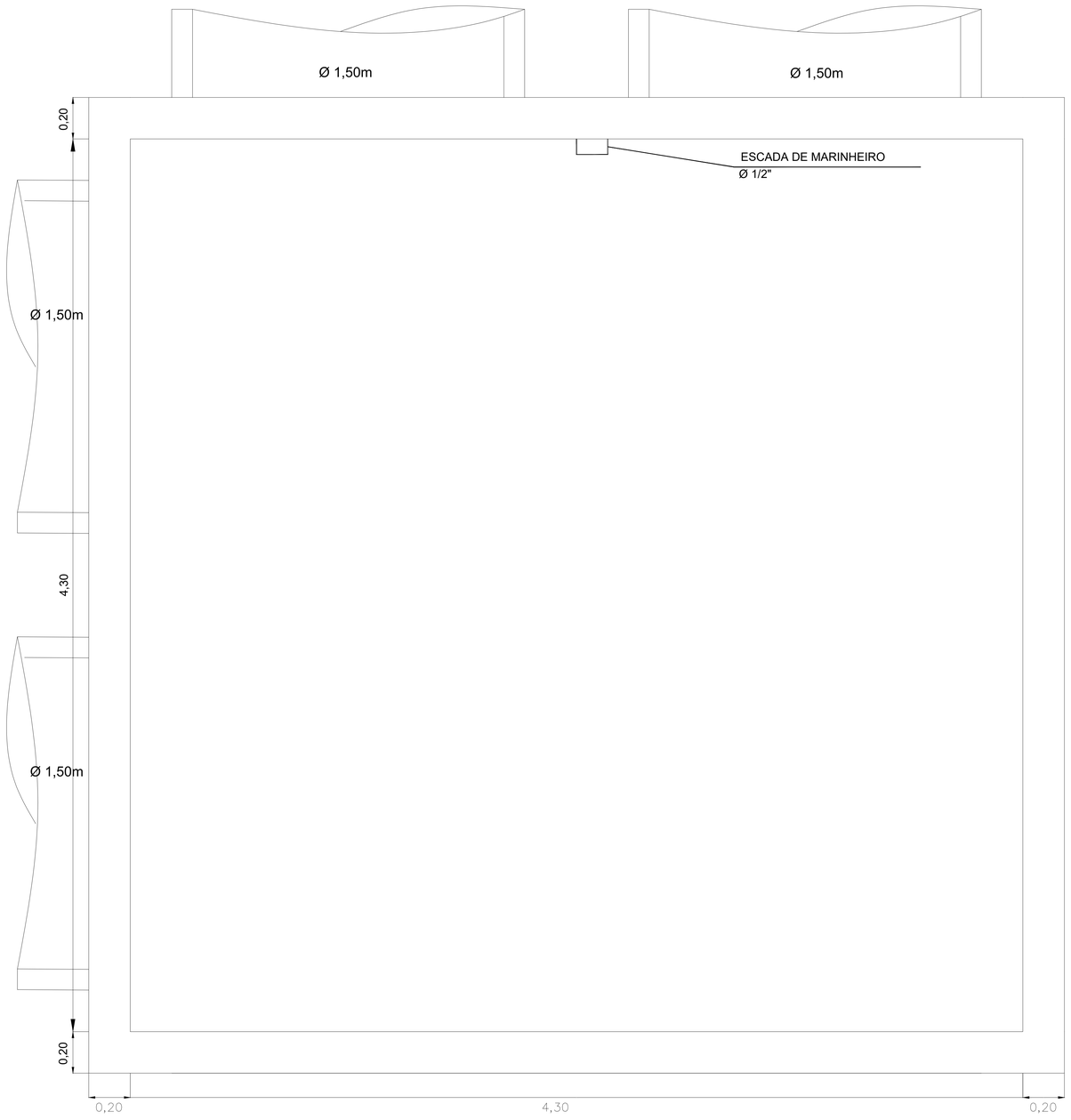
N6 1 Ø 5/16" C/ 20 – C= 3,35 M (EXT)

N7 1 Ø 5/16" C/ 15 – C= 3,35 M (INT)

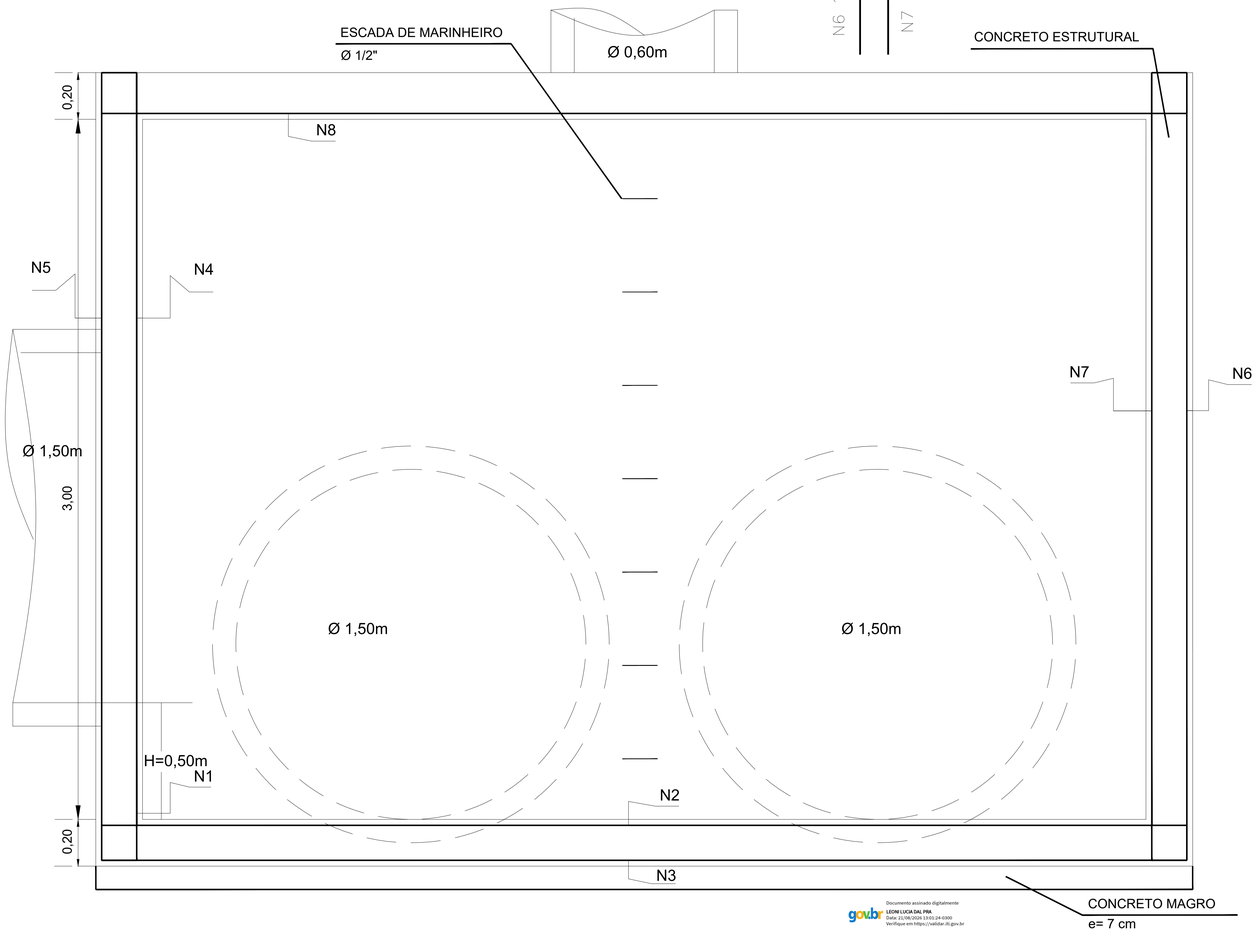


FUNDO E PAREDES
N1 1 Ø 5/16" C/ 15
NOS CANTOS
C= 200

--- PLANTA ---



--- CORTE ---



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RELAÇÃO AÇO			
	Ø	COMP.	QUANT.
N1	5/16"	2m	120
N2	5/16"	4,65/4,65m	32/32
N3	1/4"	4,65/4,65m	32/32
N4	5/16"	(4,65/4,65m)x2	24/24
N5	5/16"	(4,65/4,65m)x2	18/18
N6	5/16"	3,35mx2	25/25
N7	5/16"	3,35mx2	32/32
N8	3/8"	4,85/4,85m	24/24
	1/2"	0,80m (escada)	7

RESUMO MATERIAIS
FERRO - 1046.057 Kg
CONCRETO MAGRO - 1.546 m3
CONCRETO ESTRUTURAL-19.636 m3
FORMA - 134.01 m2

PREFEITURA MUNICIPAL DE LOANDA

LOCAL: COLETOR EMISSÁRIO LOTEAMENTOS DA CIDADE

OBRA: REDE DE GALERIAS DE ÁGUAS PLUVIAIS

ESCALA: SEM ESCALA

AUTOR DO PROJETO: ENG CIVIL - LEONI LÚCIA DAL-PRÁ
CREA 11.429/D-PR

ASSINATURA:

DISCRIMINAÇÃO: DETALHES CONSTRUTIVOS
PV N (POÇO DE VISITA)

DESENHO:

DATA: JUNHO / 2025

PRANCHA NÚMERO: 05

--- DETALHAMENTO DA FERRAGEM ---

--- PAREDE ---

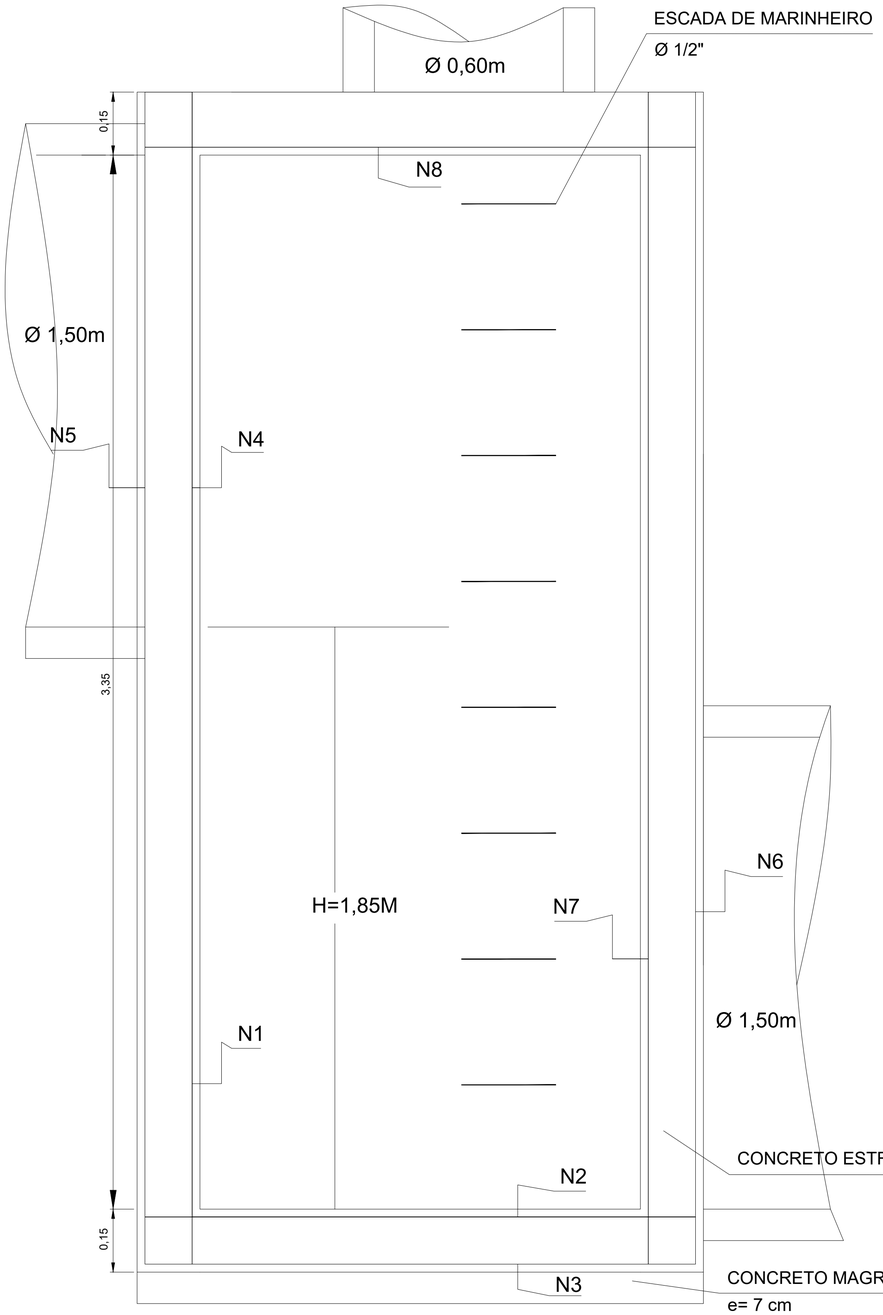
N4 1 Ø 5/16" C/ 15 – (INT) – C/ PAREDE

C= 1,65
C= 3,85

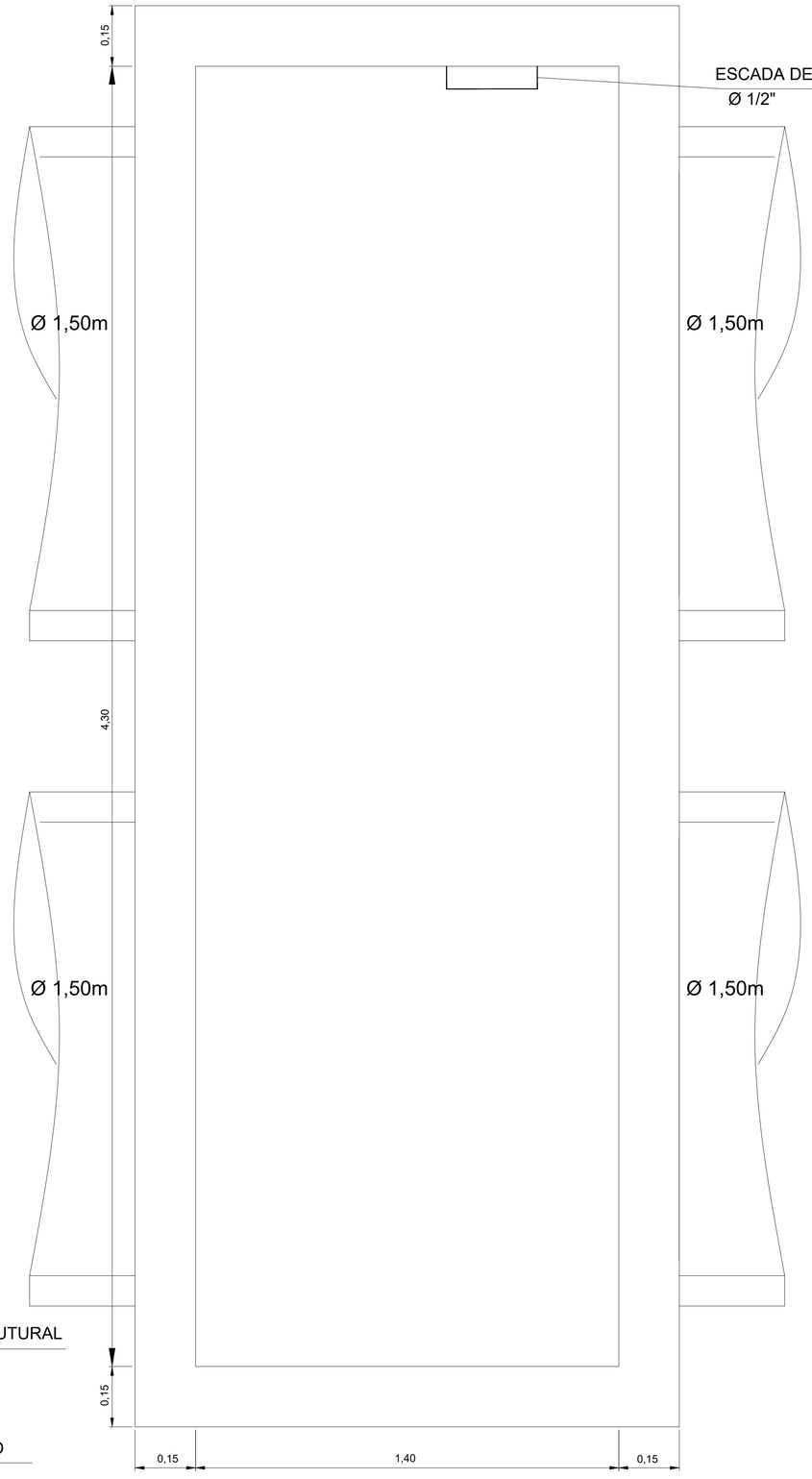
N5 1 Ø 1/4" C/ 20 – (EXT) – C/ PAREDE

C= 1,65
C= 3,85

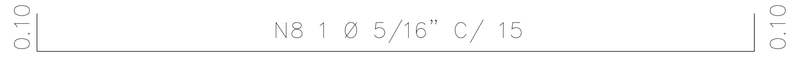
--- CORTE ---



--- PLANTA ---



--- TAMPA ---



C= 1,65
C= 3,85

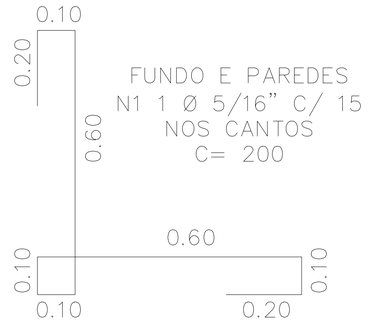
--- FUNDO ---

N2 1 Ø 5/16" C/ 15 – C/ SENTIDO SUP

C= 1,65
C= 3,85

N3 1 Ø 1/4" C/ 15 – C/ SENTIDO

C= 1,65
C= 3,85



--- PAREDE ---
N6 1 Ø 1/4" C/ 20 – C= 3,70 M (EXT)
N7 1 Ø 5/16" C/ 15 – C= 3,70 M (INT)

RELAÇÃO AÇO			
	Ø	COMP.	QUANT.
N1	5/16"	2m	80
N2	5/16"	1,65/4,55m	32/12
N3	1/4"	1,65/4,55m	32/12
N4	5/16"	(1,65/4,55m)x2	14/14
N5	1/4"	(1,65/4,55m)x2	11/11
N6	1/4"	3,70mx2	24/10
N7	5/16"	3,70mx2	32/12
N8	5/16"	4,75/1,85m	12/32
	1/2"	0,80m (escada)	8

RESUMO MATERIAIS
FERRO - 557.472 Kg
CONCRETO MAGRO - 0.547 m3
CONCRETO ESTRUTURAL- 8.376m3
FORMA - 90.20 m2

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LEONI LUCIA DAL PRA
Data: 25/08/2026 10:28:45-0300
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PREFEITURA MUNICIPAL DE LOANDA

LOCAL
COLETOR EMISSÁRIO LOTEAMENTOS DA CIDADE

OBRA
REDE DE GALERIAS DE ÁGUAS PLUVIAIS

ESCALA
SEM ESCALA

AUTOR DO PROJETO
ENG CIVIL - LEONI LÚCIA DAL-PRÁ
CREA 11.429/D-PR

ASSINATURA

DISCRIMINAÇÃO
DETALHES CONSTRUTIVOS
PV O (POÇO DE VISITA)

DESENHO

DATA
JUNHO / 2025

PRANCHA NÚMERO
06

--- PAREDE ---

N4 1 Ø 5/16" C/ 15 – (INT) – C/ PAREDE

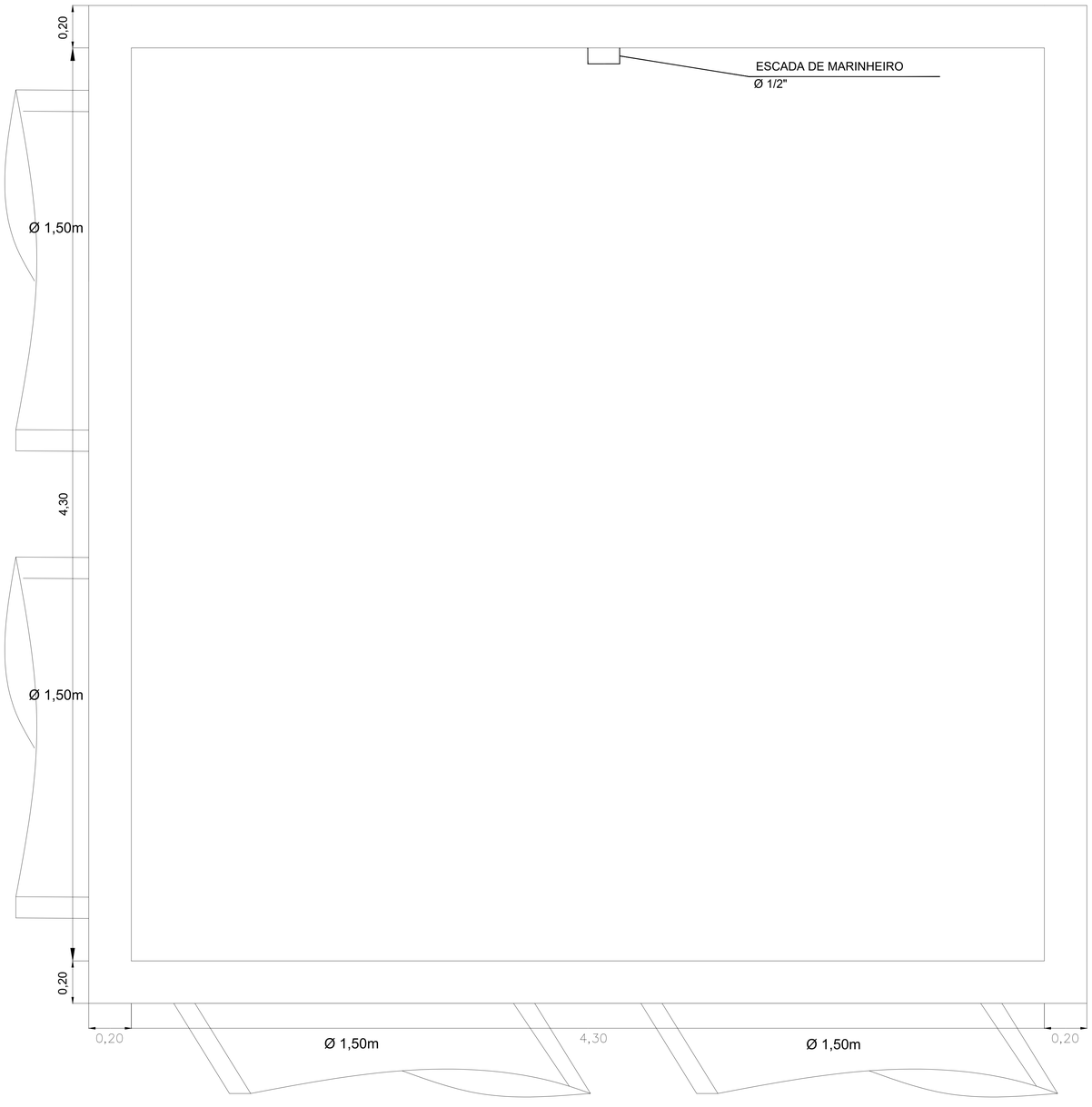
C= 4,65
C= 4,65

N5 1 Ø 5/16" C/ 20 – (EXT) – C/ PAREDE

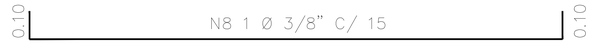
C= 4,65
C= 4,65

--- DETALHAMENTO DA FERRAGEM ---

--- PLANTA ---



--- TAMPA ---



C= 4,65
C= 4,65

--- FUNDO ---

N2 1 Ø 5/16" C/ 15 – C/ SENTIDO SUP

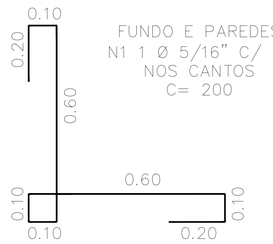
C= 4,65
C= 4,65

N3 1 Ø 1/4" C/ 15 – C/ SENTIDO

C= 4,65
C= 4,65

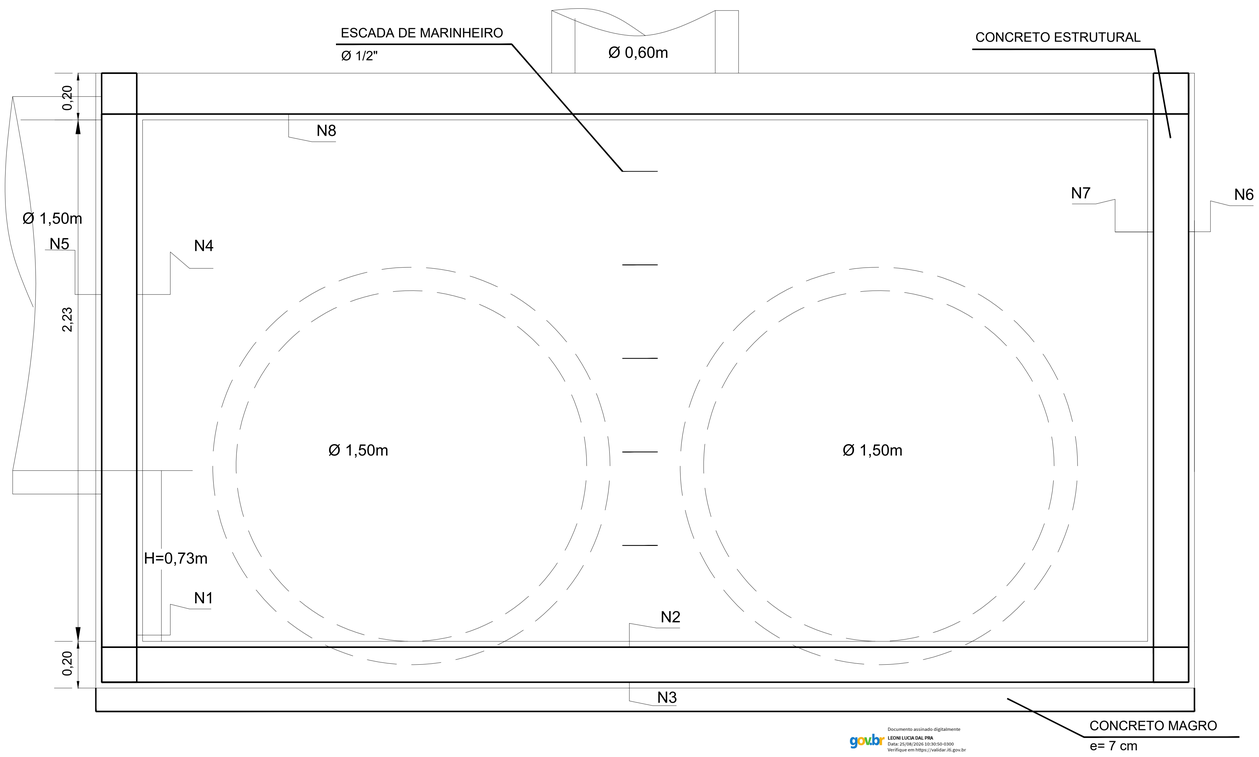
--- PAREDE ---





FUNDO E PAREDES
N1 1 Ø 5/16" C/ 15
NOS CANTOS
C= 200

--- CORTE ---



RELAÇÃO AÇO			
	Ø	COMP.	QUANT.
N1	5/16"	2m	120
N2	5/16"	4,65/4,65m	32/32
N3	1/4"	4,65/4,65m	32/32
N4	5/16"	(4,65/4,65m)x2	19/19
N5	5/16"	(4,65/4,65m)x2	14/14
N6	5/16"	2,58mx2	25/25
N7	5/16"	2,58mx2	32/32
N8	3/8"	4,85/4,85m	32/32
	1/2"	0,80m (escada)	5

RESUMO MATERIAIS
FERRO - 879.123 Kg
CONCRETO MAGRO - 1.546 m3
CONCRETO ESTRUTURAL-16.864 m3
FORMA - 106.29 m2

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PREFEITURA MUNICIPAL DE LOANDA

LOCAL
COLETOR EMISSÁRIO LOTEAMENTOS DA CIDADE

OBRA
REDE DE GALERIAS DE ÁGUAS PLUVIAIS

ESCALA
SEM ESCALA

AUTOR DO PROJETO — ASSINATURA
ENG CIVIL - LEONI LÚCIA DAL-PRÁ
CREA 11.429/D-PR

DISCRIMINAÇÃO
DETALHES CONSTRUTIVOS
PV P (POÇO DE VISITA)

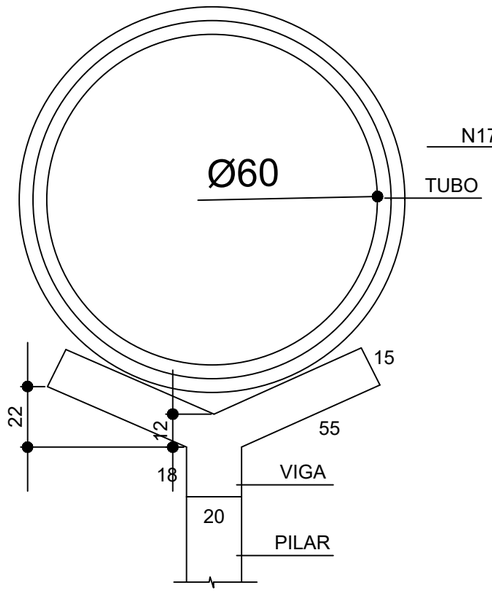
DESENHO

DATA
JUNHO / 2025

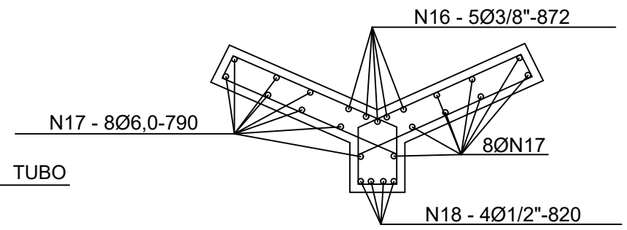
PRANCHA NÚMERO
07

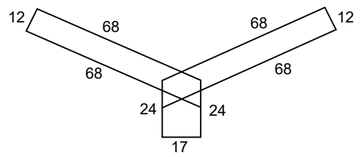
VIGA DE APOIO TUBO Ø 1,20/1,50M

SECÇÃO BB' P/ 120 CM



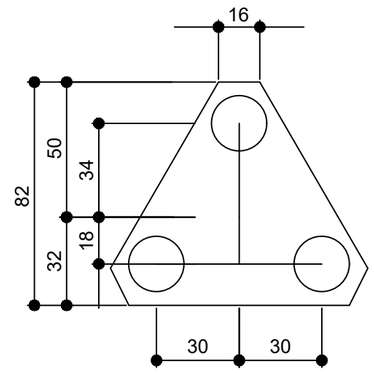
SECÇÃO AA' P/ 120 CM

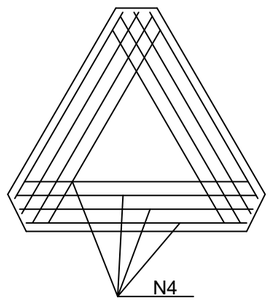


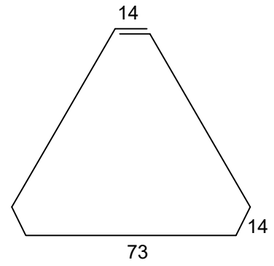


N19 - Ø6,0- C=361 - 1C/12

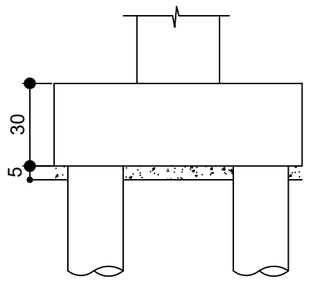
DETALHE DO BLOCO DE 3 ESTACAS

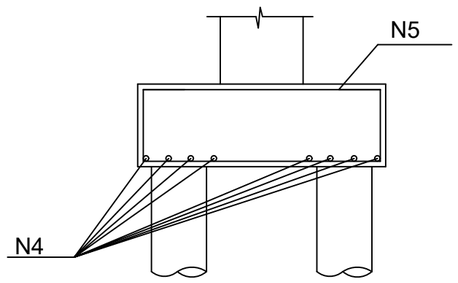






N5 - 1 Ø 4,2MM - C= 275

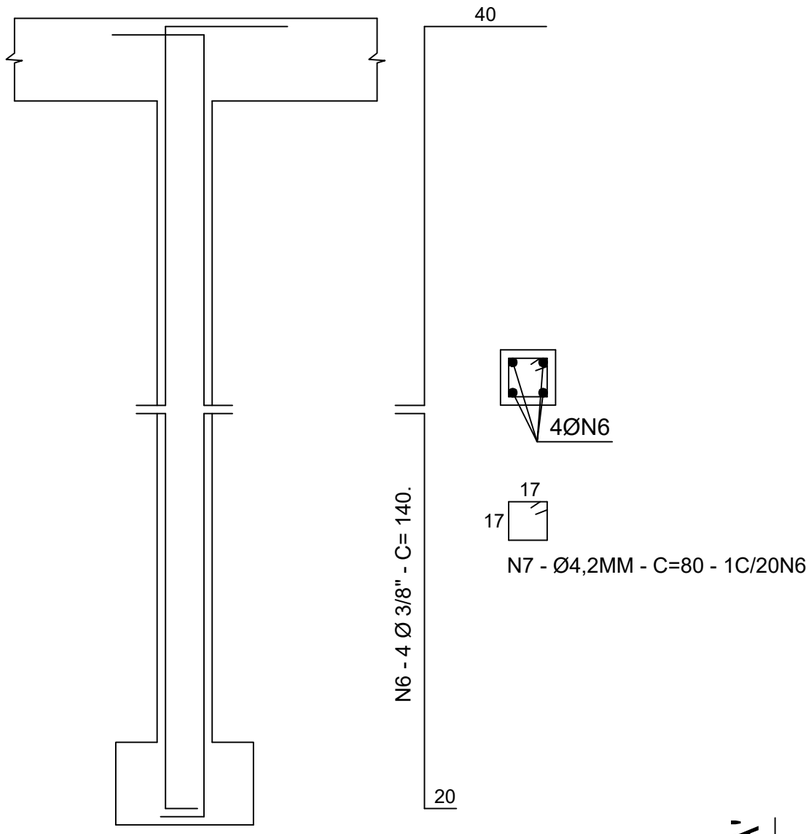




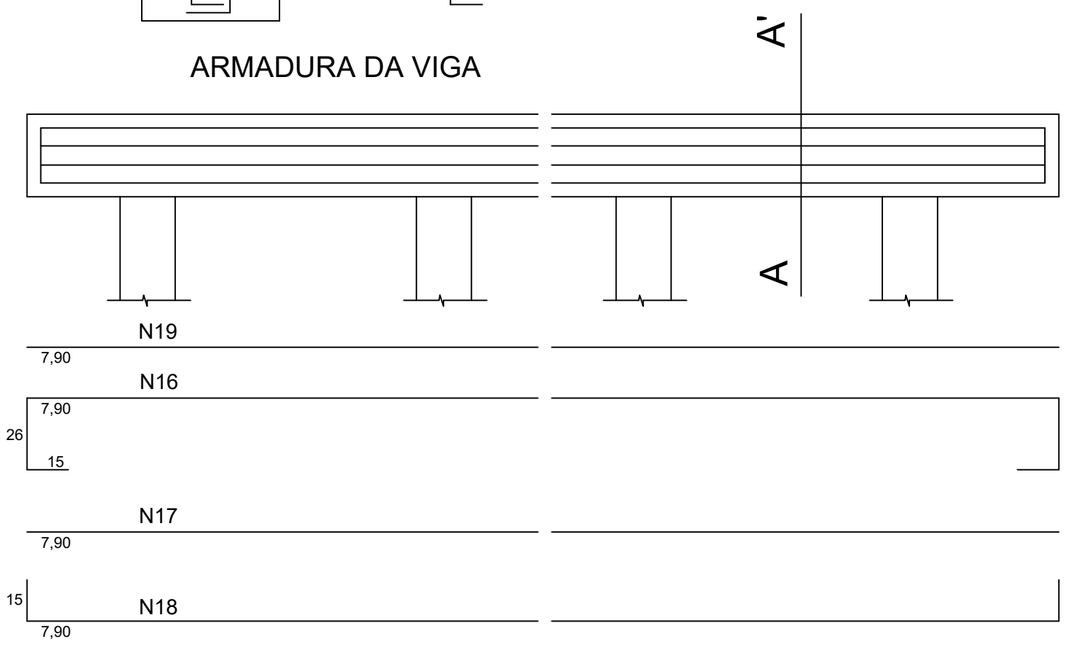


N4 - 12 Ø 5/16"
C= 130 X 4Ø C/DIREÇÃO

ARMADURA DOS PILARES



ARMADURA DA VIGA



RELAÇÃO DO AÇO

	N	Ø	QUANT.	COMPR.	KG/UN
BLOCO 3ESTACAS	N4	5/16"	12	1,30	N4=15,60X0,395
	N5	4,2	1	2,75	N5=2,75X0,109
PILAR	N6	3/8"	4	2,00	N6=8,0X0,617
	N7	4,2	10	0,80	N7=8,0X0,109
VIGA TUBO Ø 1,20/1,50M	N16	3/8"	5	8,72	N16=43,60X0,617
	N17	6,0	16	7,90	N17+N19=(126,40 +238,26)X0,222
	N18	1/2"	4	8,20	N18=32,80X0,963
	N19	6,0	66	3,61	

	VOL CONCR	FORMAS	
BLOCO 3ESTACAS	C.E.=0,148m3	0,90m2	P/ UNID
PILAR	0,034m3	0,71m2	P/ UNID
VIGA TUBO Ø 1,2/1,5M	0,22m3	1,96m2	P/METRO

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PREFEITURA MUNICIPAL DE LOANDA

LOCAL: COLETOR EMISSÁRIO LOTEAMENTOS DA CIDADE

OBRA: REDE DE GALERIAS DE ÁGUAS PLUVIAIS

ESCALA: SEM ESCALA

AUTOR DO PROJETO: ENG CIVIL - LEONI LÚCIA DAL-PRÁ
CREA 11.429/D-PR

ASSINATURA:

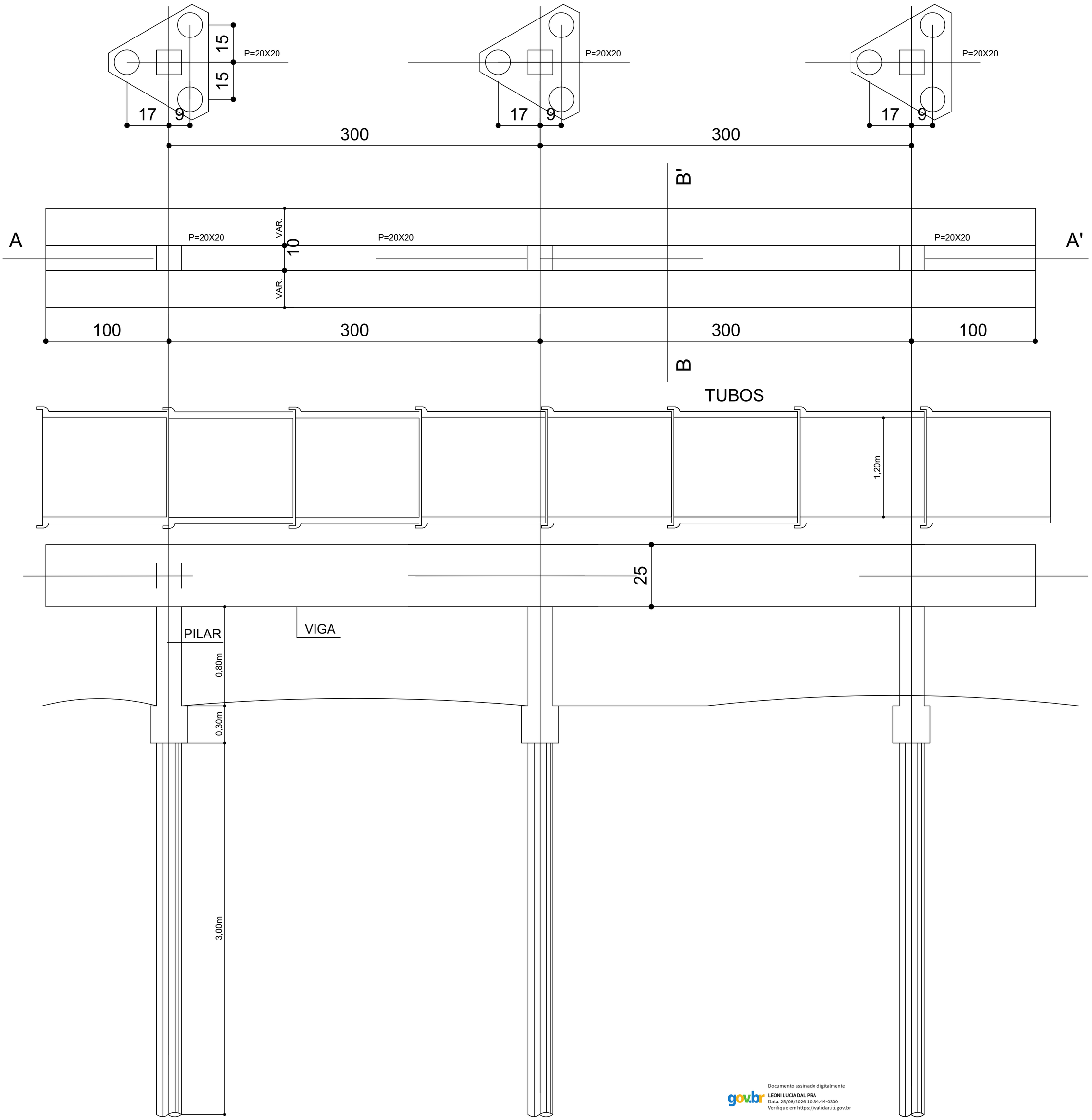
DISCRIMINAÇÃO: DETALHES CONSTRUTIVOS
VIGA DE APOIO TUBOS DE 1,20/1,50 M

DESENHO:

DATA: JUNHO / 2025

PRANCHA NÚMERO: 08

LOCAÇÃO DE ESTACAS, BLOCOS E PILARES P/ Ø 120 CM



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PREFEITURA MUNICIPAL DE LOANDA

LOCAL
COLETOR EMISSÁRIO LOTEAMENTOS DA CIDADE

OBRA
REDE DE GALERIAS DE ÁGUAS PLUVIAIS

ESCALA
SEM ESCALA

PRANCHA NÚMERO
09

AUTOR DO PROJETO
ENG CIVIL - LEONI LÚCIA DAL-PRÁ
CREA 11.429/D-PR

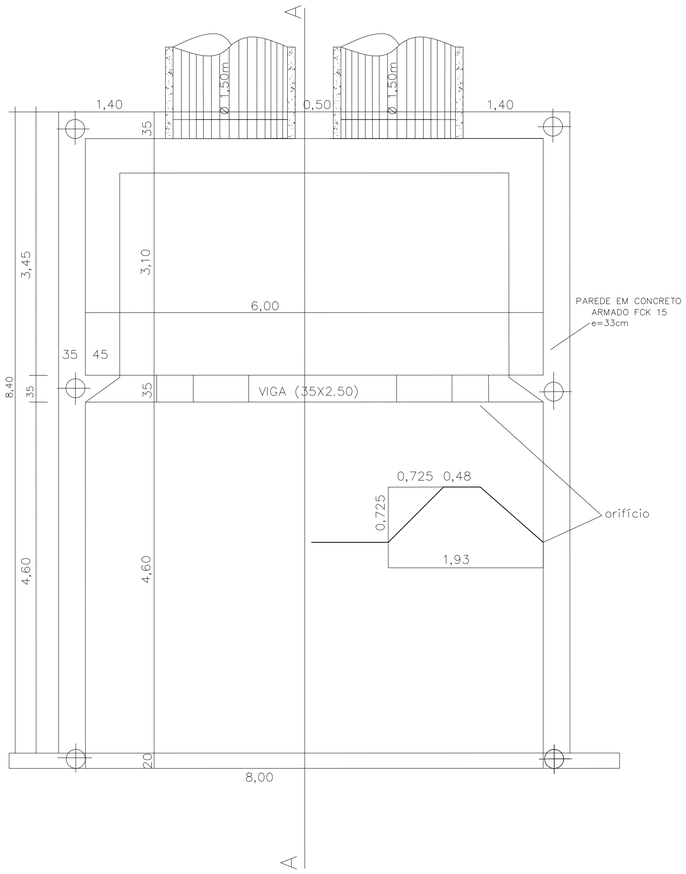
ASSINATURA

DISCRIMINAÇÃO
DETALHES CONSTRUTIVOS
VIGA DE APOIO TUBOS DE 1,20/1,50 M

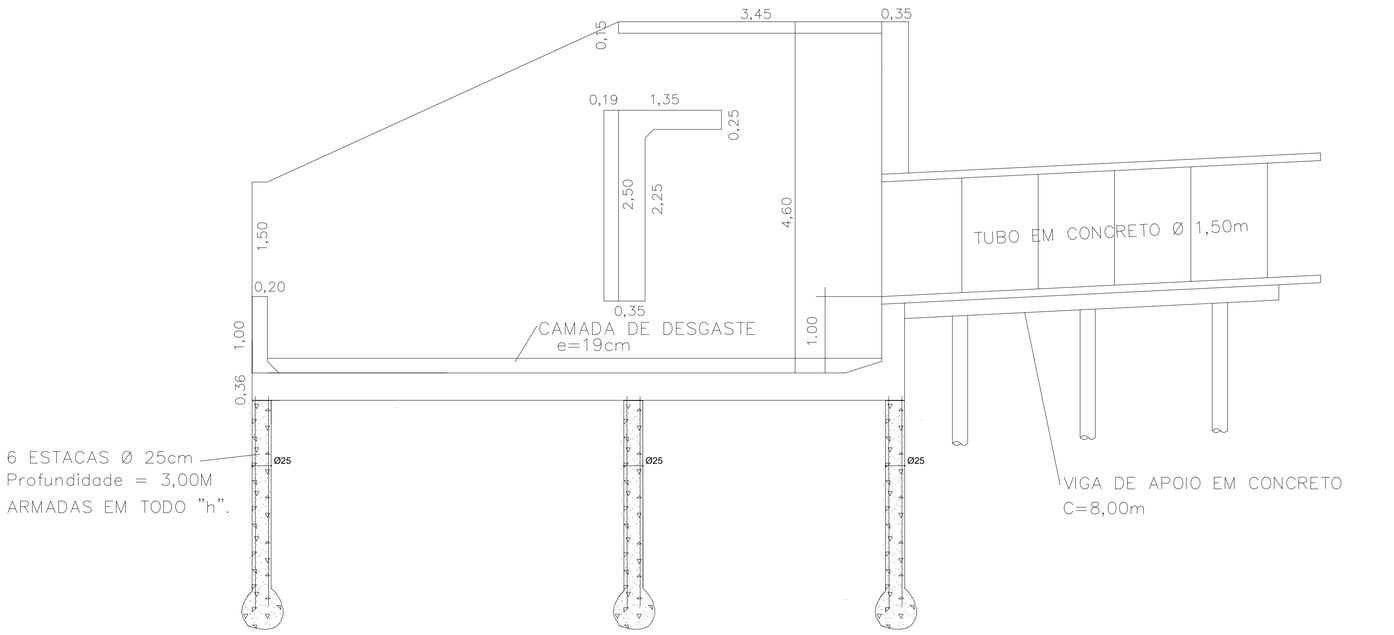
DESENHO

DATA
JUNHO / 2025

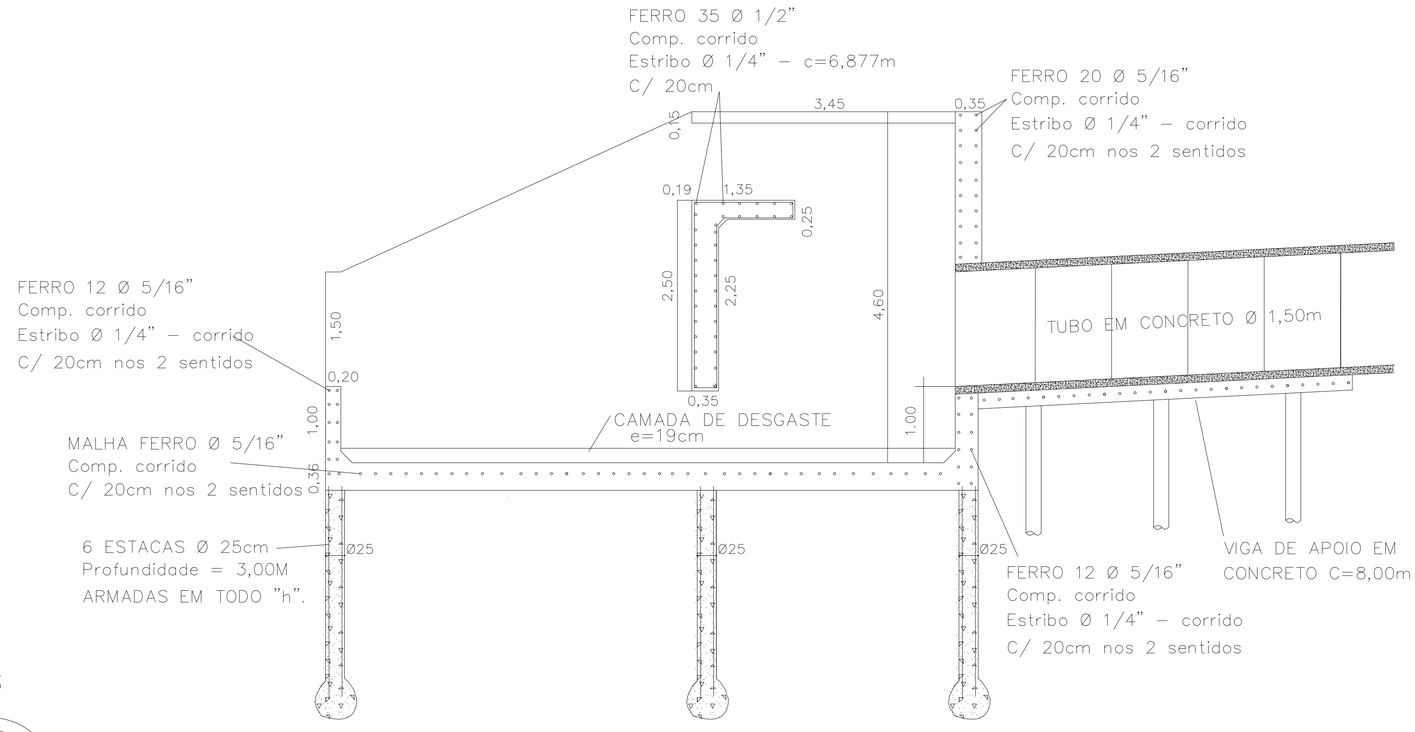
DETALHE DO DISSIPADOR – EMISSÁRIO

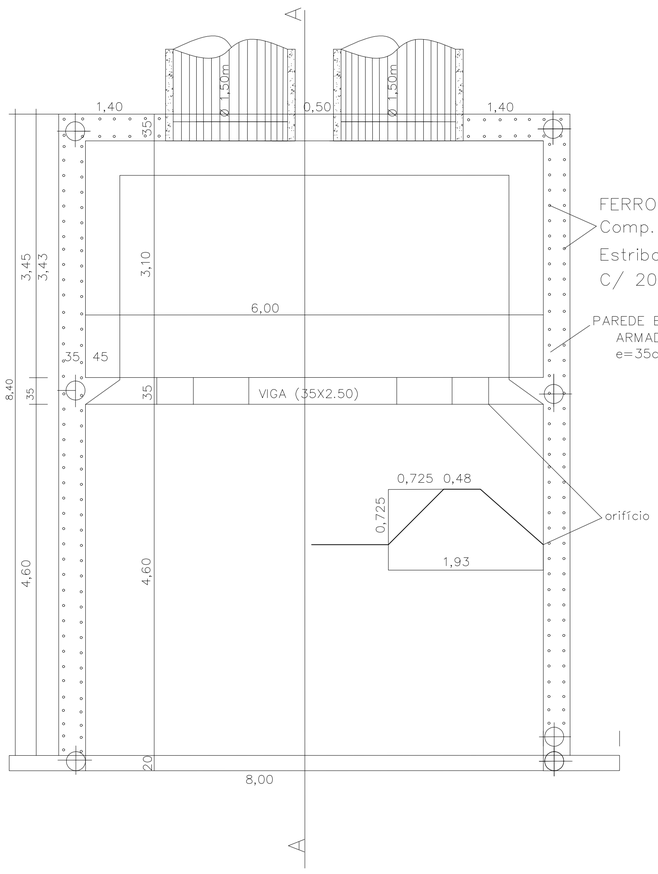


PLANTA



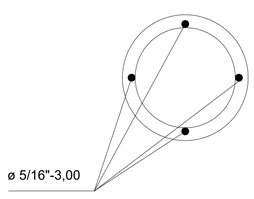
CORTE AA

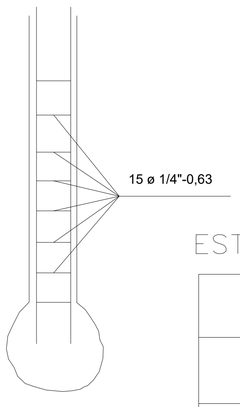




FERRAGEM

ESTACAS





CORTE AA
FERRAGEM

PAREDES, FUNDO, VIGA E ABA LATERAL

RESUMO DO AÇO – CA–50

Ø (pol)	COMPRIMENTO TOTAL (m)	PESOS	
		UNIT. (kg/m)	TOTAL (kg)
1/4"	3103,94	0,250	775,985
5/16"	3256,85	0,390	1270,171
1/2"	232,75	0,990	209,475
		TOTAL (kg)	2255,631

ESTACAS DISSIPADOR

RESUMO DO AÇO – CA–50

Ø (pol)	COMPRIMENTO TOTAL (m)	PESOS	
		UNIT. (kg/m)	TOTAL (kg)
1/4"	75,60	0,250	18,90
5/16"	96,00	0,390	37,44
ARAME			2,82
		TOTAL (kg)	59,16

DISSIPADOR DE ENERGIA

VOLUME CONCRETO FCK:15,0 MPA = 57.673 M3

VOLUME CONCRETO MAGRO =11.695 M3

FORMA UTILIZAÇÃO 2X = 151.55 M2

ESTACAS – 6 UNS x 3M = 18.00 M

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PREFEITURA MUNICIPAL DE LOANDA

LOCAL: COLETOR EMISSÁRIO LOTEAMENTOS DA CIDADE

OBRA: REDE DE GALERIAS DE ÁGUAS PLUVIAIS

ESCALA: SEM ESCALA

PRANCHA NÚMERO: 10

AUTOR DO PROJETO: ENG CIVIL - LEONI LÚCIA DAL-PRÁ
CREA 11.429/D-PR

ASSINATURA:

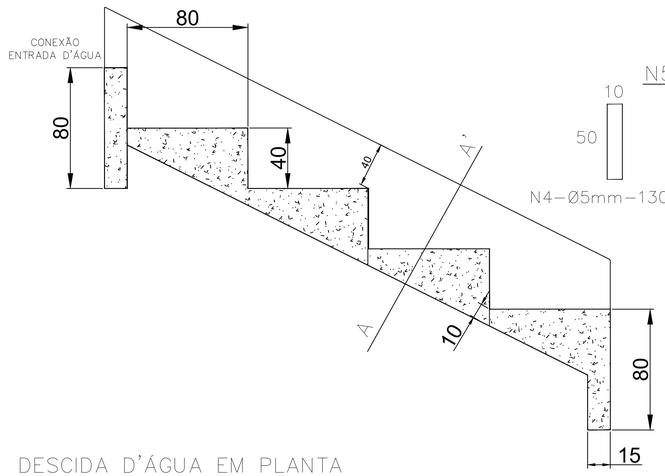
DISCRIMINAÇÃO: DETALHES CONSTRUTIVOS
DISSIPADOR DE ENERGIA

DESENHO:

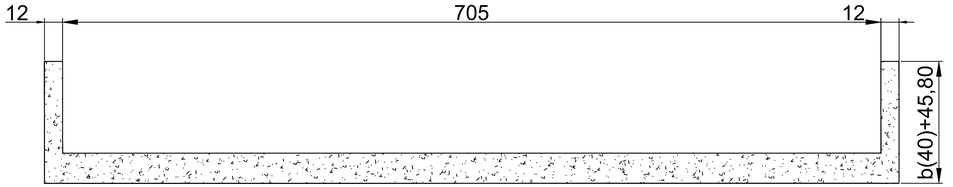
DATA: JUNHO / 2025

DESCIDA D'ÁGUA DE ATERROS EM DEGRAUS – DAD

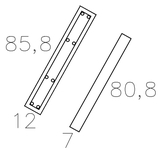
CORTE LONGITUDINAL

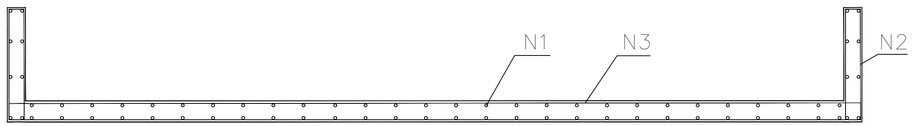


CORTE AA'



CORTE BB'



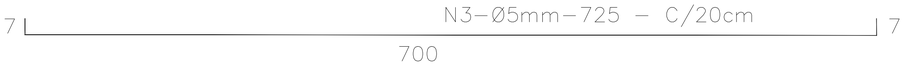


N2–Ø5mm–185,60–C/20cm

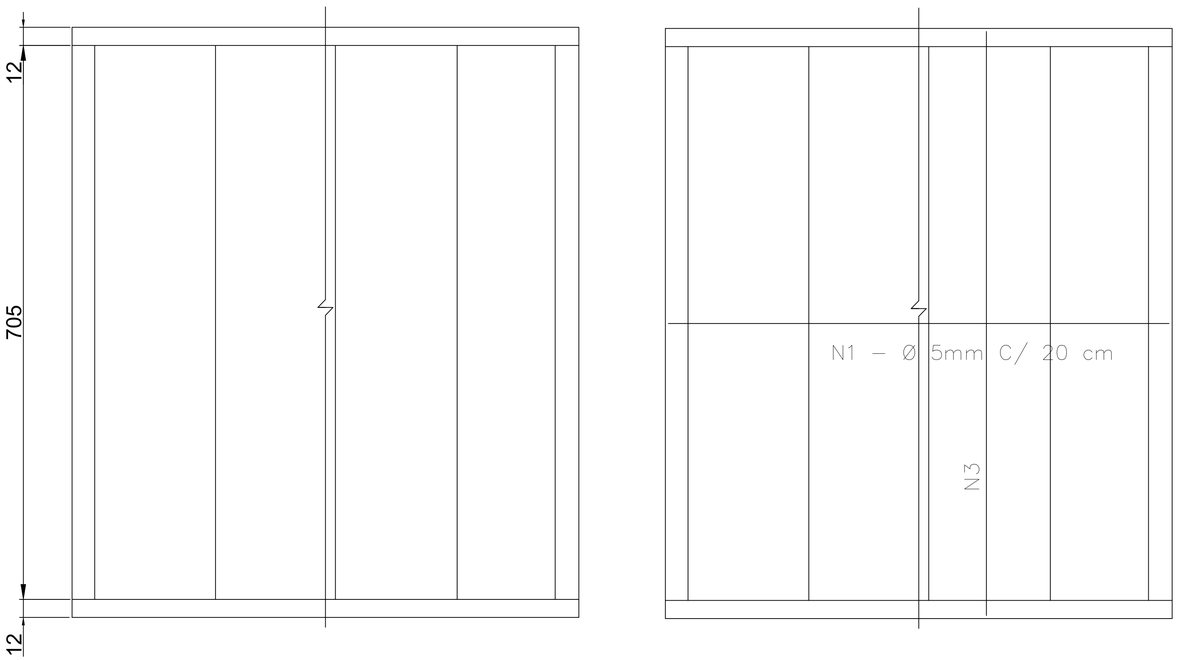
N3–Ø5mm–725–C/20cm



N3–Ø5mm–725 – C/20cm



DESCIDA D'ÁGUA EM PLANTA



DIMENSÕES E CONSUMOS MÉDIOS

CONCRETO SIMPLES/ARMADO								CONCRETO ARMADO						
TIPO	ADAPTÁVEL EM	a	b	concreto (m3/m)	forma (m2/m)	escav. (m3/m)	apiloam. (m3/m)	TIPO	N1 (KG/m)	N2 (KG/m)	N3 (KG/m)	N4 (KG/m)	N5 (KG/m)	PESO (KG/m)
DAD 18	BDTC ø1,50M	705	40	2,72	4,76	1,63	0,81	DAD 18	14,46	1,79	12,71	2,88	1,78	33,62

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NOTAS:

1–DIMENSÕES EM CM, BITOLAS DAS BARRAS EM CA–60;

2–UTILIZAR CONCRETO FCK >= 15 MPa;

3–O PONTO CHAVE INDICA A AMARRAÇÃO AOS DETALHES APRESENTADOS PARA AS ENTRADAS D'ÁGUA;

(ALBUM DE PROJETOS TIPO – DNIT)

PREFEITURA MUNICIPAL DE LOANDA

LOCAL: COLETOR EMISSÁRIO LOTEAMENTOS DA CIDADE

OBRA: REDE DE GALERIAS DE ÁGUAS PLUVIAIS

ESCALA: SEM ESCALA

PRANCHA NÚMERO: 11

AUTOR DO PROJETO / ASSINATURA: ENG CIVIL - LEONI LÚCIA DAL-PRÁ
CREA 11.429/D-PR

DESENHO:

DISCRIMINAÇÃO: DETALHES CONSTRUTIVOS
MODELO - DISSIPADOR DE ENERGIA EM ESCADARIA

DATA: JUNHO / 2025