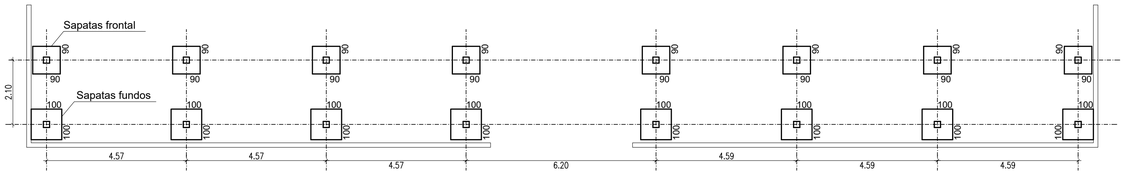
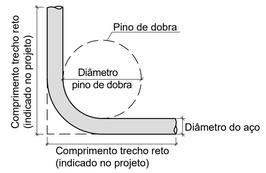


LOCAÇÃO SAPATAS
Esc.:1:100



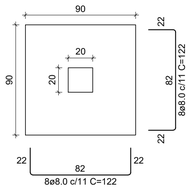
DOBRA DO AÇO
Sem escala

Diâmetro pino de dobra Barras longitudinais		
TIPO AÇO	AÇO ØDIAM. (mm)	PINO DOBRA ØDIAM. (mm)
CA-50 5Ø	6.3	31.5
	8.0	40
	10.0	50
	12.5	62.5
	16.0	80
CA-50 8Ø	20.0	160
	25.0	200
CA-60 6Ø	4.2	25.2
	5.0	30

Diâmetro pino de dobra Estribos		
TIPO AÇO	AÇO ØDIAM. (mm)	PINO DOBRA ØDIAM. (mm)
CA-60 3Ø	4.2	12.6
	5.0	15

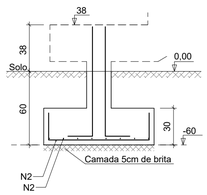
SAPATA FRONTAL

PLANTA
Esc.: 1:25

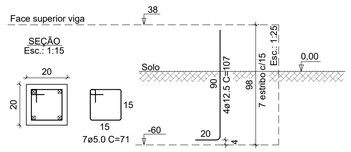


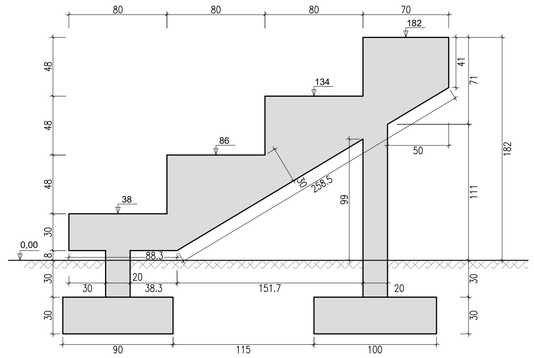
Solo com capacidade de suporte > 1.80 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
Esc.: 1:25

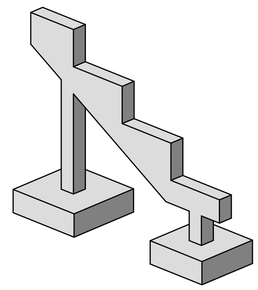


PILAR SAPATA FRONTAL





DETALHES ESTRUTURA DE SUPORTE
Esc.:1:25



ESTRUTURA DE SUPORTE
VISTA EM PERSPECTIVA (8x)
Sem Escala

RESUMO DO AÇO

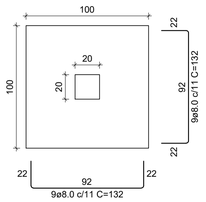
AÇO	DIAM (mm)	C.TOTAL (m)	QUANT+10% (Barras)
CA50	6.3	487	45
	8.0	1807	166
	10.0	573	52
	12.5	342	32
CA60	5.0	2809	257

PESO TOTAL (kg)	
CA50	1.515,97
CA60	432,58

Volume de concreto (Fck 25Mpa) = 18.65 m³
Volume de concreto (Fck 30Mpa) = 4.51 m³
Área de forma = 260.58 m²

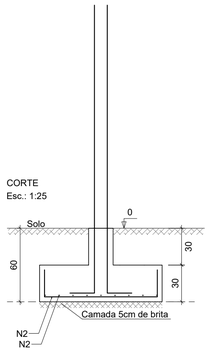
SAPATA FUNDOS

PLANTA
Esc.: 1:25

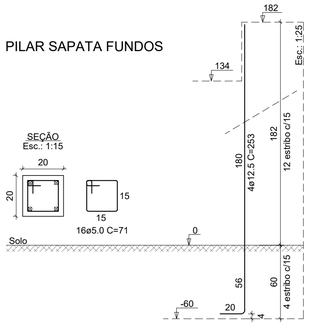


Solo com capacidade de suporte > 1.80 kgf/cm²
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
Esc.: 1:25

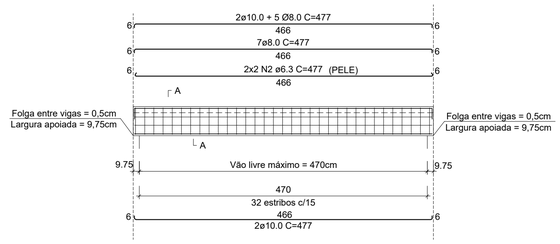


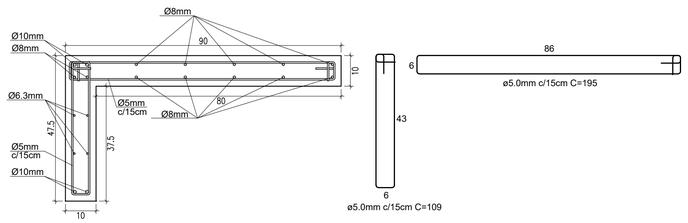
PILAR SAPATA FUNDOS



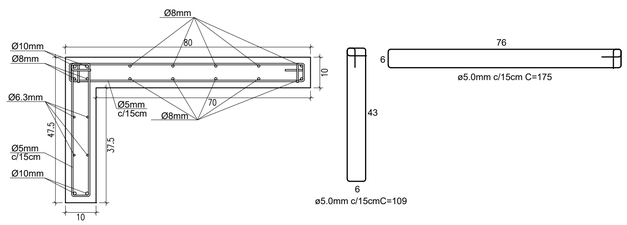
VIGA "L01" e L02 ARQUIBANCADA

Esc.: 1:50



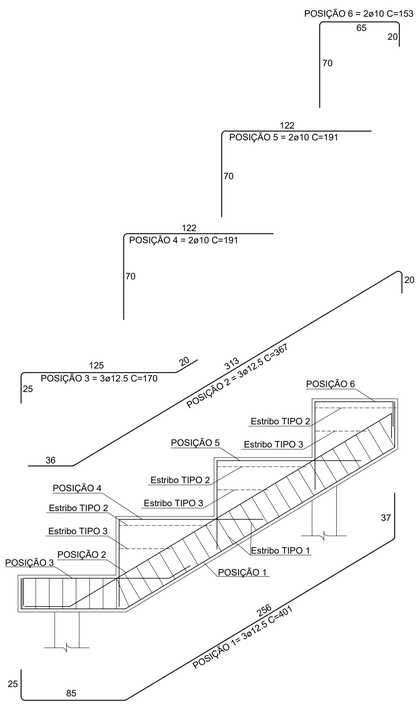


VIGA L 01
Seção A-A'
Esc.:1:10



VIGA L 02
Seção A-A'
Esc.:1:10

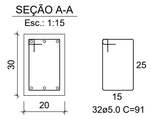
NOTAS:
-Cobrimento armadura lajes arquibancada = 2,0cm
-Cobrimento armadura vigas e pilares = 2,5cm
-Cobrimento armadura sapatas = 4,0cm
-Concreto sapata e pilares: 30Mpa
-Concreto vigas e lajes Fck: 25Mpa



VIGA DE APOIO - ARMAÇÃO
Esc.:1:25

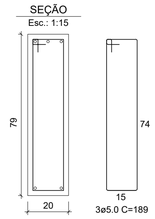
ESTRIBO TIPO 1

SEÇÃO A-A
Esc.: 1:15



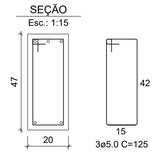
ESTRIBO TIPO 2

SEÇÃO
Esc.: 1:15



ESTRIBO TIPO 3

SEÇÃO
Esc.: 1:15



Obra:
Arquibancada ginásio de esportes
Endereço:
Paulo Bento - RS

Data:
Mai/2026
Escala:
Indicada

Projeto:
Projeto estrutural arquibancada ginásio de esportes

Prancha:
01/01

Proprietário:
EVANDRO BARATTO:00033552209
6
Assinado de forma digital por EVANDRO BARATTO:00033552209
Dados: 2026.05.26 16:23:50 -03'00'
Evandro Baratto
Prefeito Municipal de Paulo Bento

Resp. Técnico:
LAUSON SERAFINI
Assinado de forma digital por LAUSON SERAFINI
Dados: 2026.05.26 16:09:28 -03'00'
Lauson Serafini
Engº Civil CREA/RS: 123.168