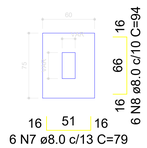
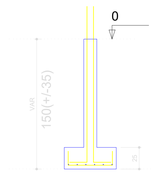
S1=S2=S3=S4=S5=S6=S7=S9=S10=S12=S14=S18 =S19=S27=S29=S32=S37=S40=S41=S46=S47 =S50=S53=S57

PLANTA
ESC 1:25



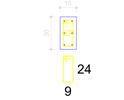
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25

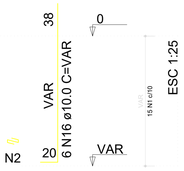


P5=P9=P10=P27

FUNDAÇÃO - L1
ESC 1:20

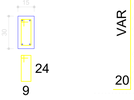


15 N1 ø5.0 C=77
15 N2 ø5.0 C=24



P1=P2=P3=P4=P6=P7=P12= =P14=P18=P19=P29=P32=P37= =P41=P46=P47=P50=P53=P57

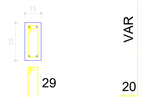
FUNDAÇÃO - L1
ESC 1:20



15 N1 ø5.0 C=77

P40

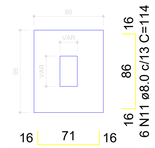
FUNDAÇÃO - L1
ESC 1:20



15 N5 ø5.0 C=87

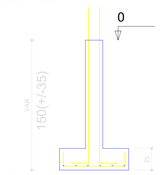
S8=S15=S20=S22=S23=S24=S38=S39=S44

PLANTA
ESC 1:25



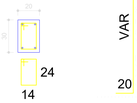
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



P20

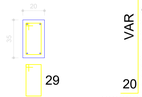
FUNDAÇÃO - L1
ESC 1:20



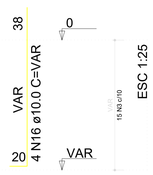
10 N4 ø5.0 C=87

P24

FUNDAÇÃO - L1
ESC 1:20

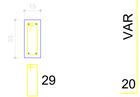


15 N3 ø5.0 C=97



P38

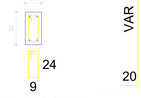
FUNDAÇÃO - L1
ESC 1:20



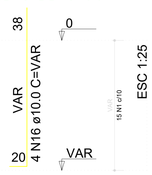
15 N5 ø5.0 C=87

P8=P15=P22=P23=P39=P44

FUNDAÇÃO - L1
ESC 1:20

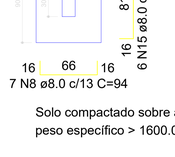


15 N1 ø5.0 C=77



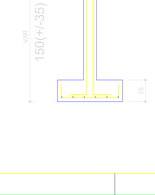
S11=S13=S21=S48=S55

PLANTA
ESC 1:25



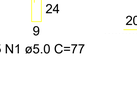
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25



P11=P13=P48

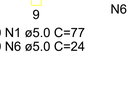
FUNDAÇÃO - L1
ESC 1:20



15 N1 ø5.0 C=77

P21

FUNDAÇÃO - L1
ESC 1:20



15 N3 ø5.0 C=97

P55

FUNDAÇÃO - L1
ESC 1:20

10 N1 ø5.0 C=77

Volume de concreto (C-25) = 10.35 m³
Área de forma = 100.39 m²

RELAÇÃO DO AÇO

19xP1	4xP5	6xP8
3xP11	P16	2xP17
P20	P21	P24
P25	3xP31	P35
P38	P40	P49
P55	24xS10	5xS11
3xS16	9xS24	2xS25
4xS36		

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	590	77	45430
	2	5.0	60	24	1440
	3	5.0	60	97	5820
	4	5.0	10	87	870
	5	5.0	30	87	2610
	6	5.0	10	24	240
CA50	7	8.0	144	79	11376
	8	8.0	172	94	16168
	9	8.0	30	84	2520
	10	8.0	93	99	9207
	11	8.0	78	114	8892
	12	8.0	21	124	2604
	13	8.0	16	99	1584
	14	8.0	14	114	1596
	15	8.0	24	109	2616
	16	10.0	192	VAR	VAR
	17	12.5	18	VAR	VAR

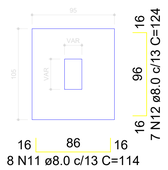
RESUMO DO AÇO

AÇO	DIAM (mm)	C.TOTAL (m)	PESO + 10% (kg)
CA50	8.0	565.6	245.5
	10.0	387.8	263
	12.5	37.8	40.1
CA60	5.0	564.1	95.6

PESO TOTAL (kg)	
CA50	548.6
CA60	95.6

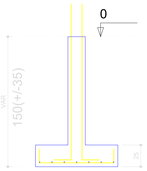
S16=S17=S26

PLANTA
ESC 1:25



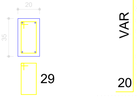
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25

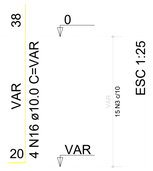


P16

FUNDAÇÃO - L1
ESC 1:20

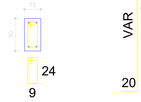


15 N3 ø5.0 C=97

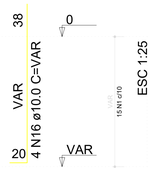


P17=P26

FUNDAÇÃO - L1
ESC 1:20

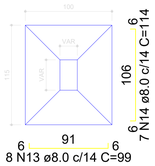


15 N1 ø5.0 C=77



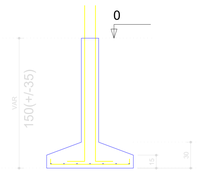
S25=S35

PLANTA
ESC 1:25



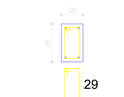
Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25

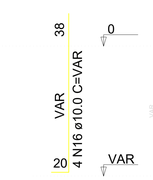


P25

FUNDAÇÃO - L1
ESC 1:20

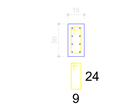


15 N3 ø5.0 C=97

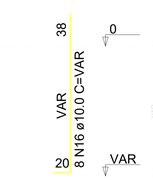


P35

FUNDAÇÃO - L1
ESC 1:20

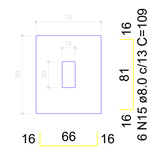


15 N1 ø5.0 C=77



S31=S36=S45=S49

PLANTA
ESC 1:25



Solo compactado sobre a sapata
peso específico > 1600.00 kgf/m³

CORTE
ESC 1:25

P31=P36=P45

FUNDAÇÃO - L1
ESC 1:20

15 N1 ø5.0 C=77

P49

FUNDAÇÃO - L1
ESC 1:20

10 N1 ø5.0 C=77
10 N6 ø5.0 C=24

PROJETO:
ESCOLA EDEVAL SUZART COUTINHO

TÍTULO:
PROJETO ESTRUTURAL

ENDEREÇO: ZONA URBANA
OBJETO: SAPATAS
MUNICÍPIO: IBIRAPITANGA - BA
RESPONSÁVEL TÉCNICO: ADEBALDO RODRIGUES DOS SANTOS ENG. CIVIL CREA: 19459/D
ART:
PRANCHA: EST05
ARQUIVO:
ESC: INDICADA
DATA: JULHO/2022