NOTAS GERAIS :

PARA TODAS AS PARTES DA OBRA :

1. CONCRETO Fck=25,0 MPa (250 kgf/cm2); FATOR ÁGUA/CIMENTO MÁXIMO = 0.6 i/kg. CONSUMO MÍNIMO DE CIMENTO = 350Kg/m3.

2. EFETUAR CURA DO CONCRETO POR UM PERÍODO NÃO INFERIOR A 7 DIAS, MANTENDO UMEDECIDA A SUPERFICIE E/OU PROTEGENDO-A;

3. USAR DISTANCIADORES PARA GARANTIR OS COBRIMENTOS INDICADOS;

LAJES :	VIGAS E PILARES:	BLOCOS:
COBRIMENTO : 2,5cm	COBRIMENTO : 3,0cm	COBRIMENTO: 4,0cm

4. CONFERIR MEDIDAS NO LOCAL ANTES DE EXECUTAR OS SERVIÇOS;

5. TODAS AS PEÇAS ESTRUTURAIS DEVERÃO TER AS DIMENSÕES MÍNIMAS MENCIONADAS NESTE PROJETO;

6. A EXECUCAO DA ESTRUTURA DEVERA OBEDECER AS PRESCRIÇÕES DA NBR-6118:2014.

Relação do aço

P1	P2	P3
P4	P5	P6
P7	P8	P9
P10	P11	P12
P13	P14	P15
P16	P17	P18

AÇO	N	DIAM (mm)	QUANT	C.UNIT (cm)	C.TOTAL (cm)
CA60	1	5.0	33	152	5016
	2	5.0	99	31	3069
	3	5.0	28	148	4144
	4	5.0	1990	58	115420
	5	5.0	156	38	5928
	6	5.0	25	168	4200
	7	5.0	342	188	64296
	8	5.0	15	138	2070
	9	5.0	45	29	1305
	10	5.0	23	158	3634
	11	5.0	69	33	2277
CA50	12	6.3	16	138	2208
	13	6.3	16	36	576
	14	6.3	37	208	7696
	15	6.3	37	71	2627
	16	6.3	185	61	11285
	17	16.0	16	VAR	VAR
	18	16.0	16	VAR	VAR
	19	16.0	16	VAR	VAR
	20	20.0	10	VAR	VAR
	21	20.0	20	VAR	VAR
	22	20.0	40	VAR	VAR
	23	20.0	16	VAR	VAR
	24	20.0	16	VAR	VAR
	25	20.0	16	VAR	VAR
	26	20.0	16	VAR	VAR
	27	20.0	36	VAR	VAR
	28	20.0	16	VAR	VAR
	29	20.0	16	VAR	VAR
	30	20.0	16	VAR	VAR
	31	25.0	10	VAR	VAR
	32	25.0	8	VAR	VAR
	33	25.0	8	188	1504
	34	25.0	16	VAR	VAR

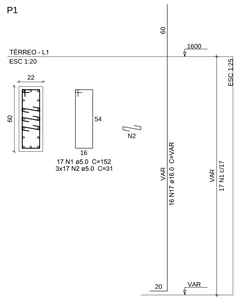
Resumo do aço

AÇO	DIAM (mm)	C.TOTAL (m)	PESO (kg)
CA50	6.3	244	59.7
	16.0	165	260.4
	20.0	958.1	2362.8
	25.0	179.9	692.9
CA60	5.0	2113.6	325.8

PESO TOTAL (kg)	
CA50	3375.8
CA60	325.8

Volume de concreto (C-25) = 13.34 m³
Área de forma = 116.41 m²

P1



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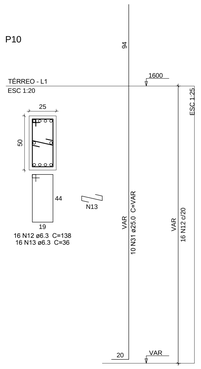

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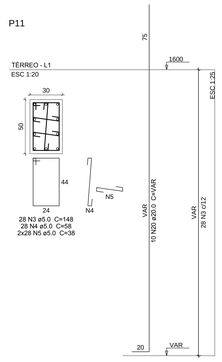

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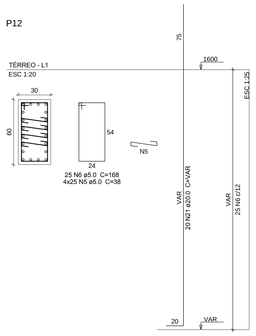

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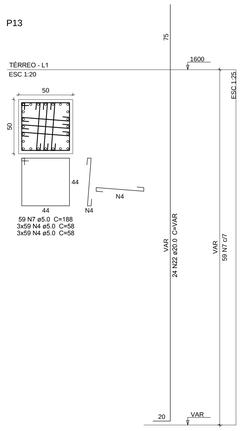

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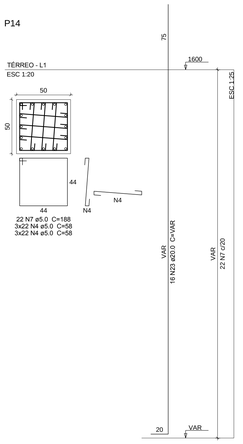

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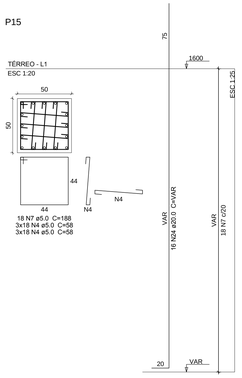

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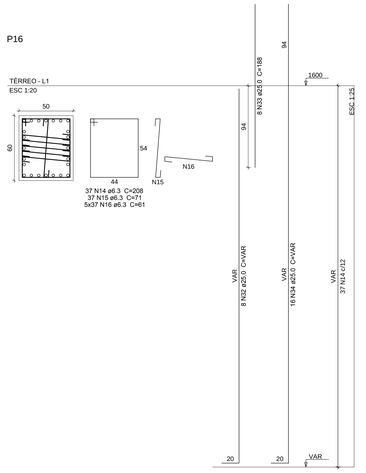

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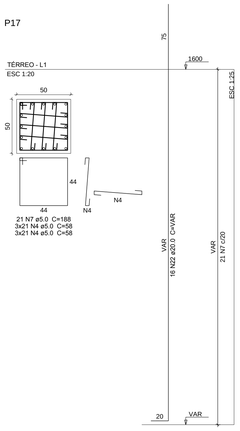

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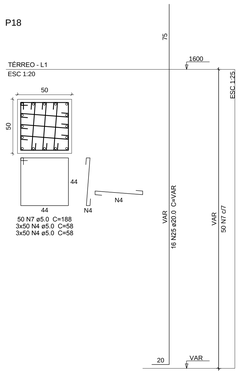

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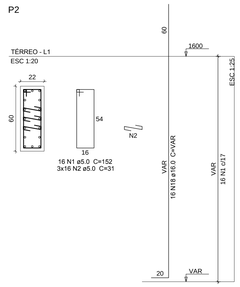

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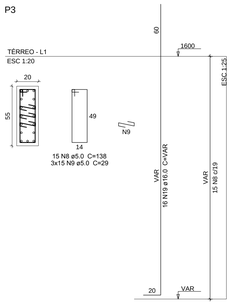

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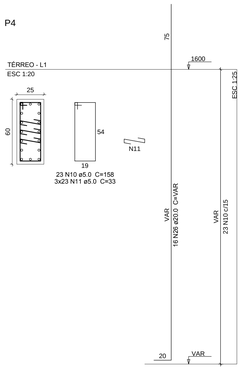

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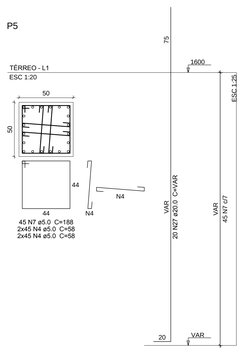

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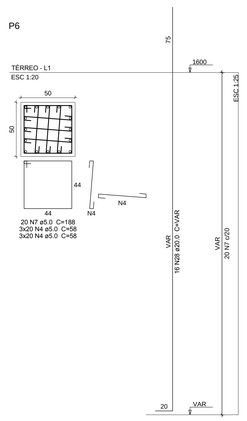

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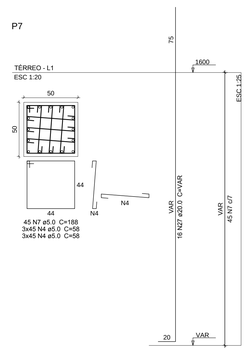

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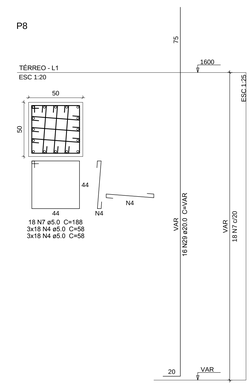

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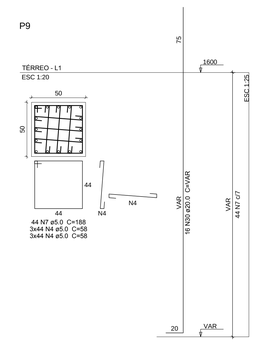
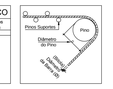


DOBRAMENTO DO AÇO

Bitola (mm)	Dobramo (Ø) dos pinos de dobramento (mm) CA 50	CA 60
5.0		30
6.3	32	
8.0	40	48
10.0	50	
12.5	80	
16.0	80	
20.0	160	
25.0	200	
32.0	256	



COORDENADOR DE CONTRATO - JOSÉ CARLOS DA ROCHA RNP - 050093923-3

RESPONSÁVEL TÉCNICO - ALESSANDRE M. ASSIS PEREIRA RNP - 050066749-7

ENGENHEIRO - LEILSON REZENDE RNP - 050082575-0

ALTERAÇÕES:			
03			
02			
01			
NÚMERO	DATA	RESPONS.	TIPO E LOCAL DA ALTERAÇÃO

CADASTRO EMPRESA:

JCA ENGENHARIA E ARQUITETURA

COORDENADOR DE CONTRATO - JOSÉ CARLOS DA ROCHA	RNP - 050093923-3
RESPONSÁVEL TÉCNICO - ALESSANDRE M. ASSIS PEREIRA	RNP - 050066749-7
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UNIVERSIDADE FEDERAL DA BAHIA

SUMAI Superintendência de Meio Ambiente e Infraestrutura

COORDENADORIA DE PLANEJAMENTO, PROJETO E OBRAS - ARQ. MARCIA ELIZABETH PINHEIRO CAU: A21359-4

CHEFE DO NÚCLEO DE PROJETOS - ARQ. ROSANA DE LEO CAU: A16234-6

NOME DO PROJETO:

CIENAM

CAMPUS:	ESTADO:
CAMPUS DE ONDINA	SALVADOR/BA

ASSUNTO DO PROJETO:

ARRANQUE DOS PILARES

ARQUIVO:	
R00	

ÁREA TEMÁTICA:	FASE:		
ESTRUTURA CONCRETO	PROJETO EXECUTIVO		05/33
DATA:	ESCALA DO DESENHO:	DESENHISTA:	CONFERIDO POR:
07/2016	INDICADA	LEILSON REZENDE	-

A0 - 1190x841mm

ARQUIVO: ...\DOMINIO_E_FAT-IFD-ARRANQUE_E-P-R-ARES_R00.dwg - Plotted on APARTAMENTO - DESENVOLVIMENTO\CLARA\DOMINIO\CONTRUCAO\CIENAM\REVERSO\BIBLIOTHE_ENTREGA_E-P-R-ARES