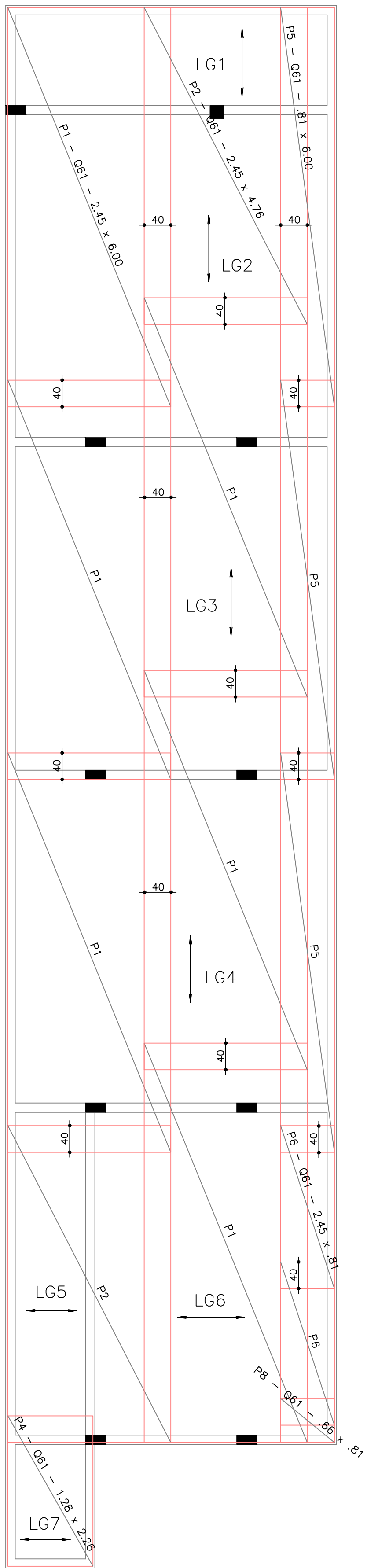
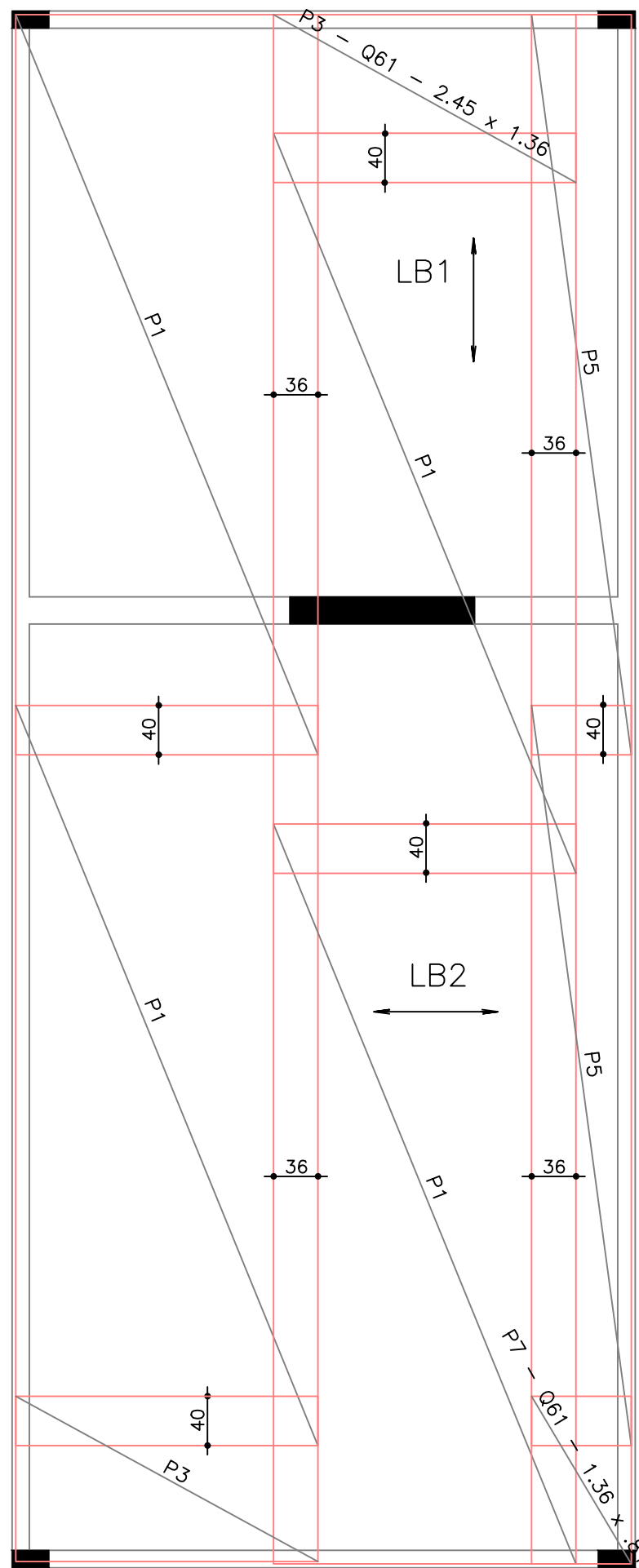


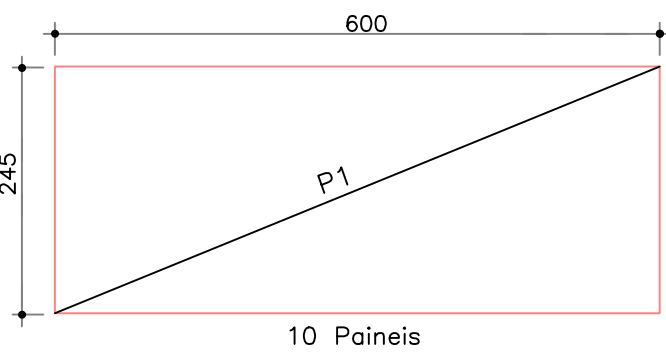
GERÊNCIA – FORMA



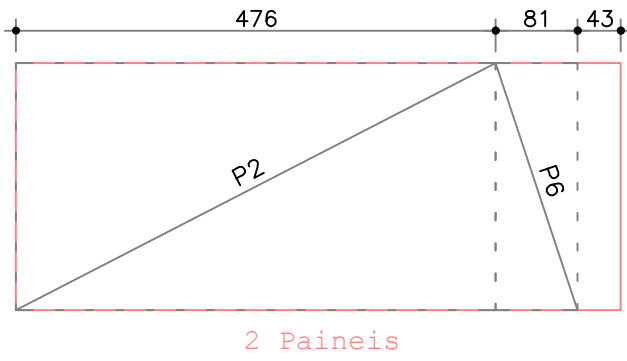
BILHETERIA – FORMA



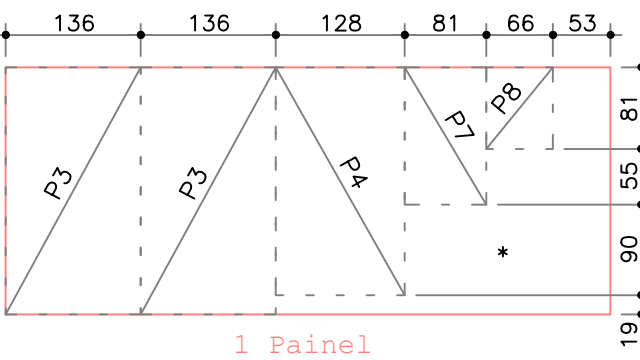
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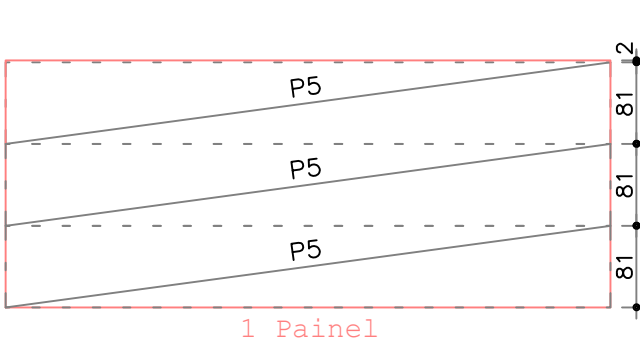
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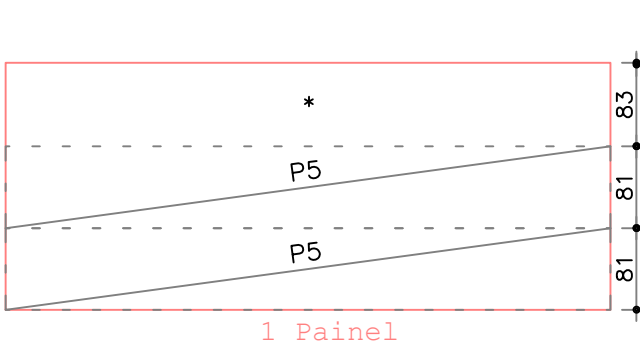
Q61



Q61



Q61

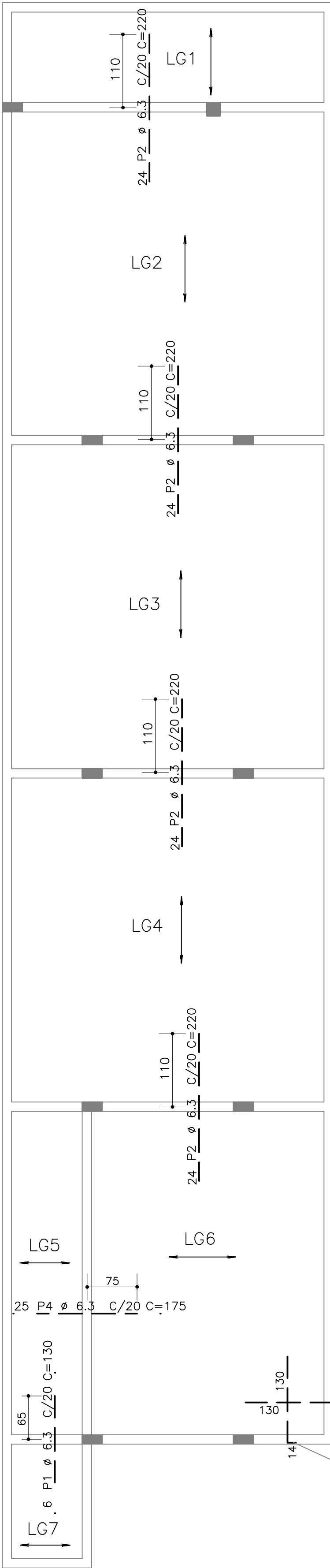


RELAÇÃO DAS TELAS SOLDADA				
No.	DESIGNAÇÃO	QUANT.	DIM. UNIT.(m)	TOTAL (m)
1	Q61	10	2,45 x 6,00	60,00
2	"	2	2,45 x 4,76	9,52
3	"	2	2,45 x 1,36	2,72
4	"	1	1,28 x 2,26	2,26
5	"	5	.81 x 6,00	30,00
6	"	2	2,45 x .81	1,62
7	"	1	1,36 x .81	.81
8	"	1	.66 x .81	.81

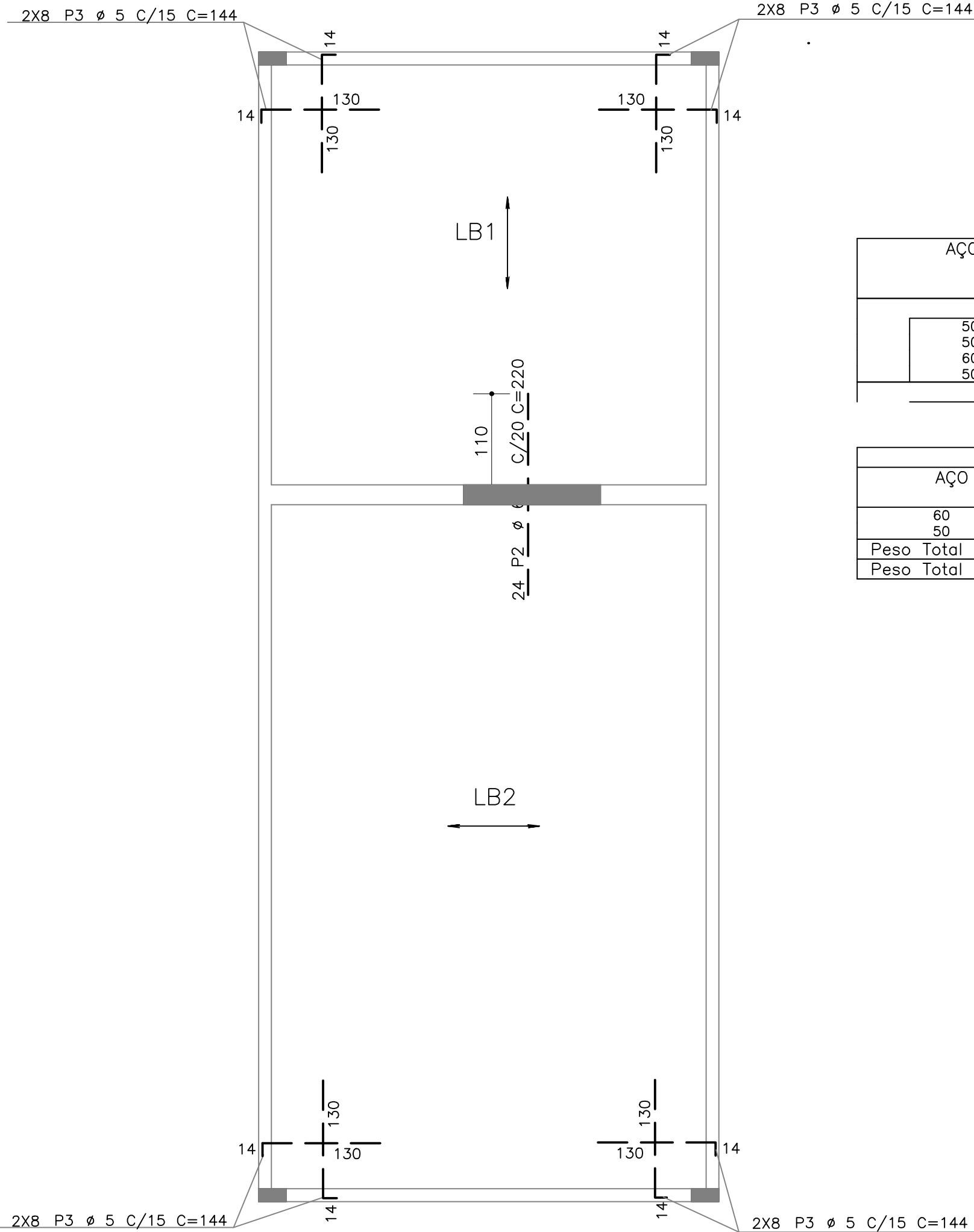
ESQUEMA DAS TELAS SOLDADA							
DESIGNAÇÃO	EL cm	X cm	ET cm	ØL mm	X mm	ØT mm	ASL cm2/m
Q61	15	x	15	3,4	x	3,4	.61
		x			x		.61

RESUMO DAS TELAS SOLDADA				
AÇO	DESIGNAÇÃO	QUANTIDADE PAINÉIS	DIMENSÕES (m)	PESO (kgf)
60B	Q61	15	2,45 x 6,00	214
			x	
PESO TOTAL				214

GERÊNCIA – FORMA



BILHETERIA – FORMA



AÇO	POS.	BIT (mm)	QUANT	COMPRIENTO UNIT (cm)	TOTAL (cm)
50	1	6,3	6	130	780
50	2	6,3	120	220	26400
60	3	5	80	144	11520
50	4	6,3	25	175	4375

RESUMO AÇO CA 50-60			
AÇO	BIT (mm)	COMPR (m)	PESO (kg)
60	5	115	18
50	6,3	316	79
Peso Total	60	=	18 kg
Peso Total	50	=	79 kg

REVISÃO

DESCRIÇÃO

SOLICITADO POR

DATA

RESPONSÁVEL

TAUFIG ASFURA
CREA 1088 – PE/PN

GAMAL ASFURA
CREA 16973 – PE/PN

ÍTALO B. SCHMITZ
CREA 42.442-0/PE

RUA ARNÓLIO MARQUES, 271 - STO. AMARO RECIFE-PE - CEP:50.100-130.
FONE:(081)3222-6652 - FAX:3231-2500
E-MAIL:engestpe@terra.com.br

engest
engenharia estrutural ltda.

OBRA

GINÁSIO DE ESPORTES
LIMOIEIRO – PE.

RESP. TÉCNICO
GAMAL ASFURA

PROJETO
ESTRUTURAL

DESENHO
M. Maximó

AÇO
CA- 50 e 60

CONCRETO
fck > 35 MPa

ARQUIVO
P09-02.DWG

ESCALA
1:50 75

DATA
ABRIL/2017

REVISÃO
0

P
09-02

COBERTA DAS BILHETERIA E GERECIA – ARMAÇÃO DAS LAJES