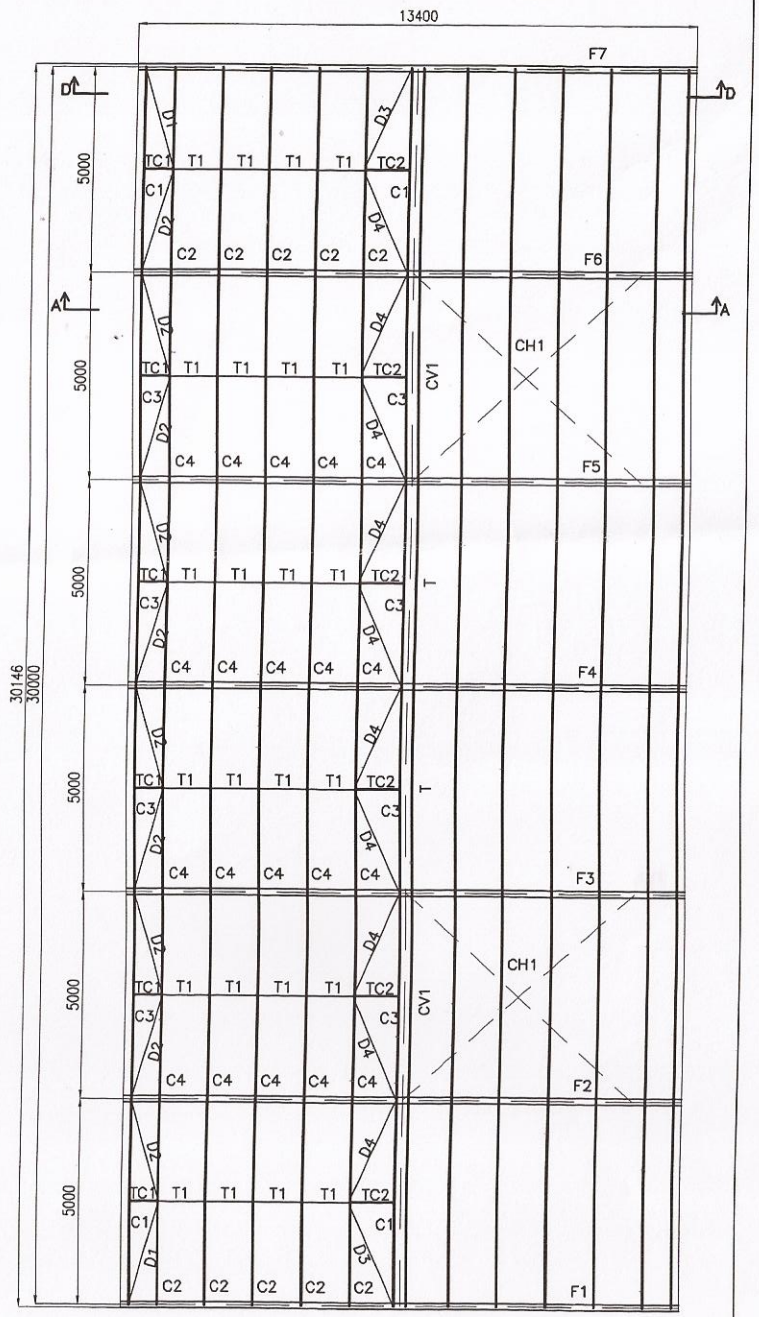
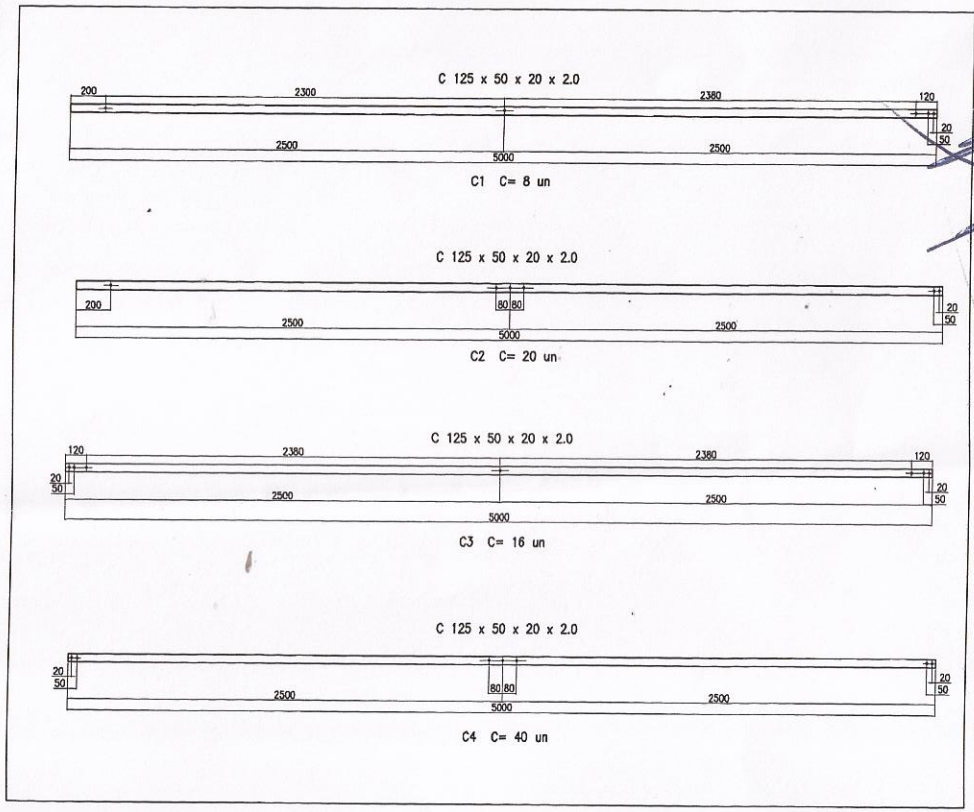


PLANTA DE TECHO

ESC 1:125



DETALLE DE CORREAS

ESC 1:30

OBRA: Laboratorio

DETALLES DE ESTRUCTURA METÁLICA

PROFESIONAL: ING. ARIEL MARTINEZ
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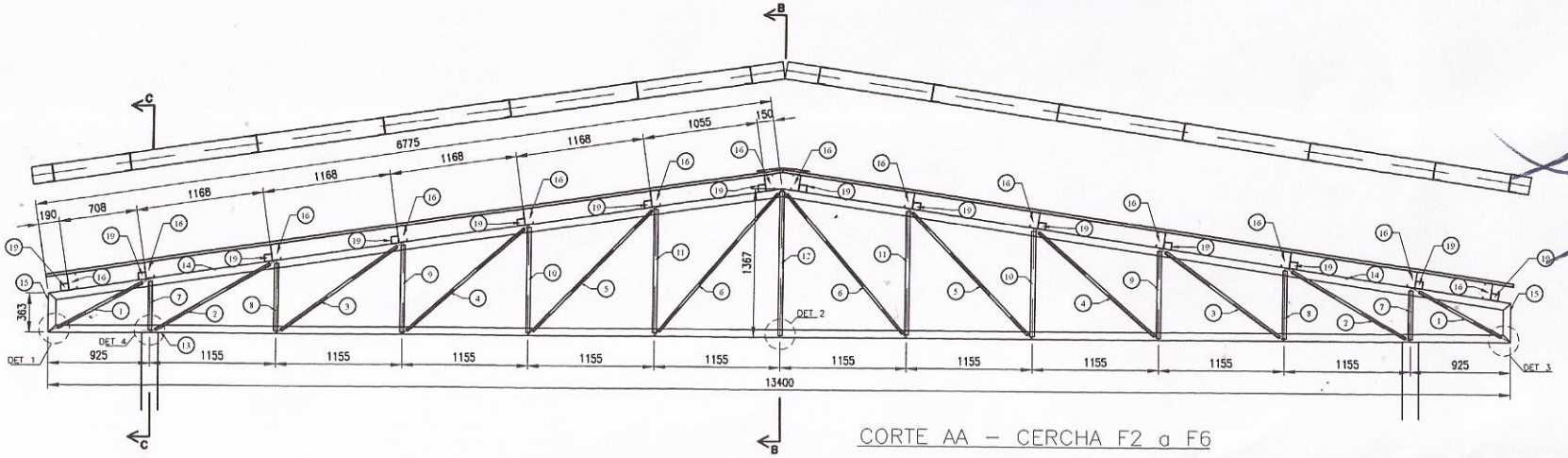
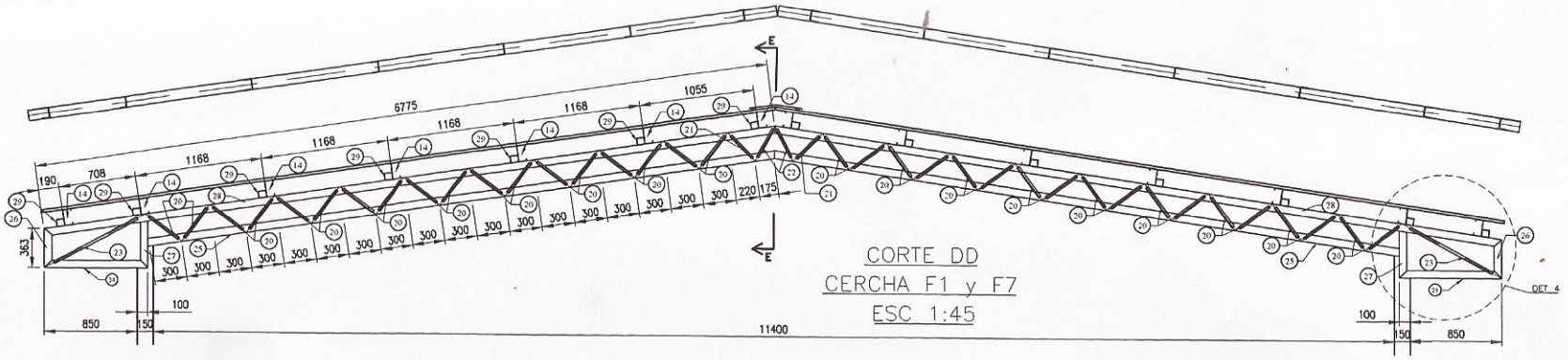
LÁM:	EM-01
ESC:	Variable
FECHA:	27/04/2015

Ing. Miguel A. López
Gte. Industrial
I. N. C.



CORTE AA – CERCHA F2 a F6

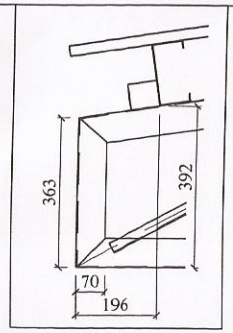
ESC 1:45



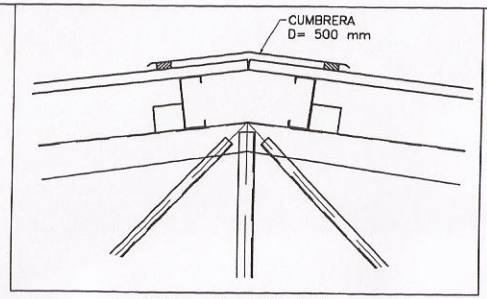
CORTE DD

CERCHA F1 y F7

ESC 1:45



ESC 1:12.5



DET CUMBRERA

ESC 1:8

OBRA: Laboratorio

DETALLES DE ESTRUCTURA METÁLICA

PROFESIONAL: ING. ARIEL MARTINEZ

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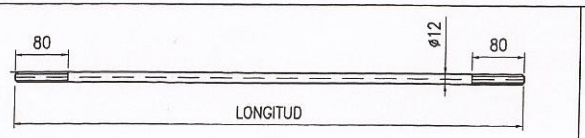
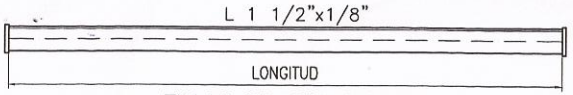
LÁM:	EM-02
ESC:	Variable
FECHA:	27/04/2015



TENSOR

T	LONGITUD	CANT.
T	5050	2

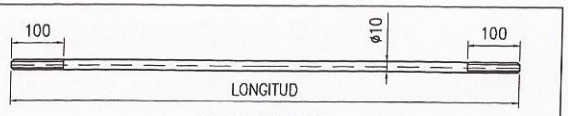
ESC 1:8



TILLAS DE COMPRESION

TC	LONGITUD	CANT.
TC1	704	12
TC2	1050	12

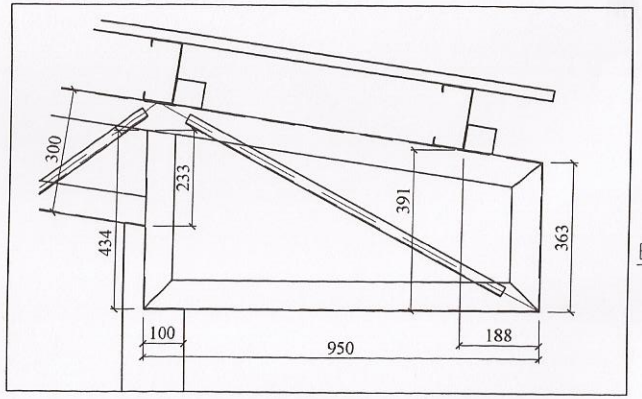
ESC 1:8



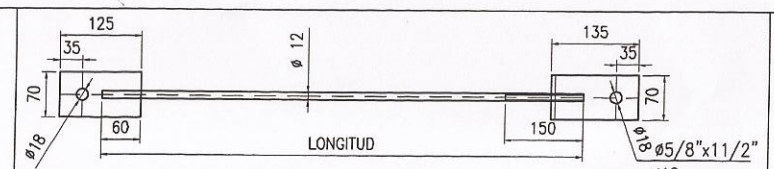
DIAGONALES

D	LONGITUD	CANT.
D1	2528	4
D2	2604	20
D3	2653	4
D4	2726	20

ESC 1:8

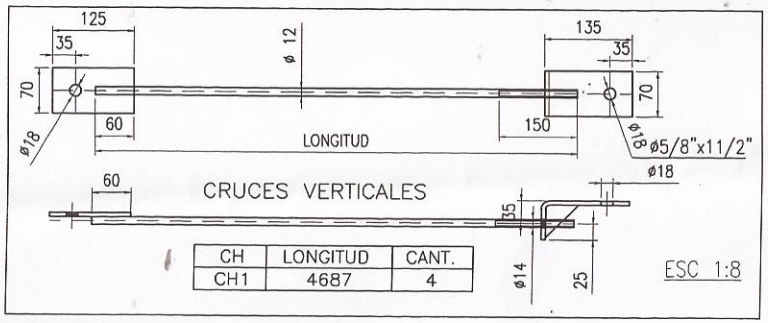


DET 4
ESC 1:12.5



CRUCES HORIZONTALES

CH	LONGITUD	CANT.
CH1	7006	8

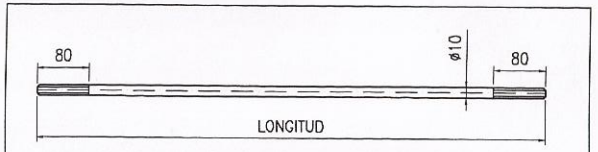


ESC 1:8

CRUCES VERTICALES

CH	LONGITUD	CANT.
CH1	4687	4

ESC 1:8



TILLA

T	LONGITUD	CANT.
T1	1321	48

ESC 1:8

OBRA: Laboratorio

DETALLES DE ESTRUCTURA METÁLICA

PROFESIONAL: ING. ARIEL MARTINEZ
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LÁM:	EM-03
ESC:	Variable
FECHA:	27/04/2015

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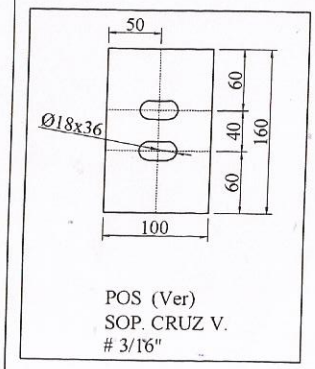
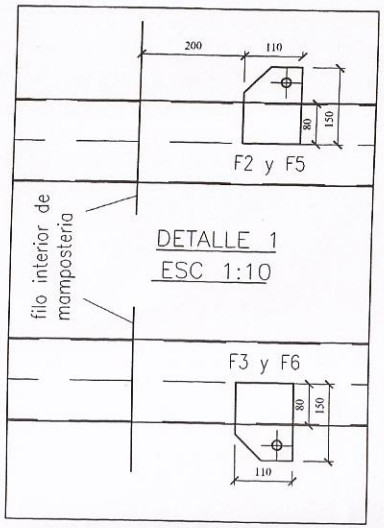
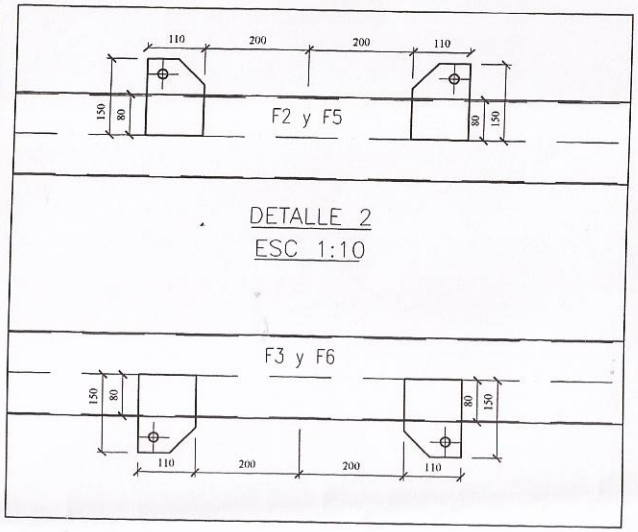
Ing. Industrial
Gte. I.N.C.

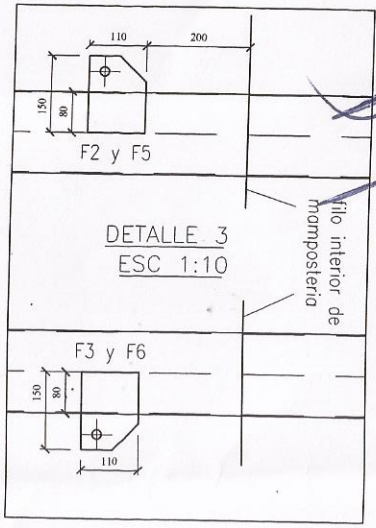


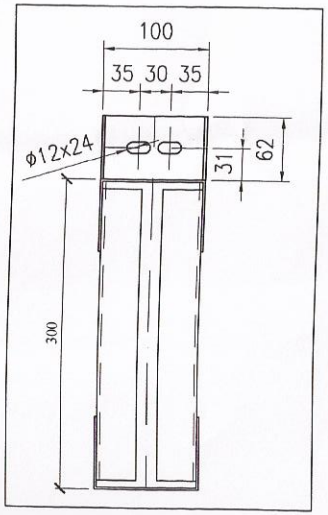
POS (Ver)
SOP. CRUZ V.
3/16"

ESC 1:5

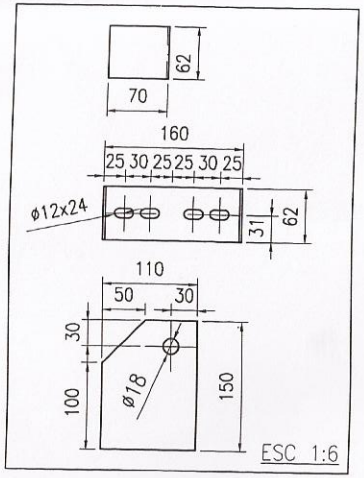




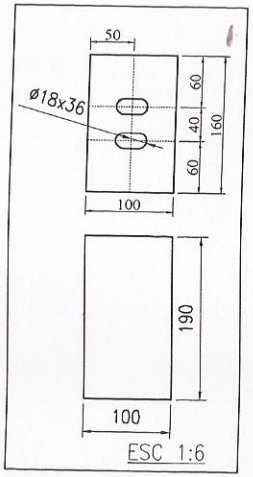




CORTE EE
ESC 1:5



ESC 1:6



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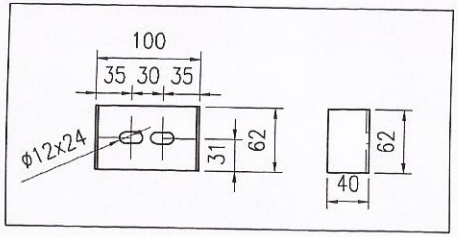
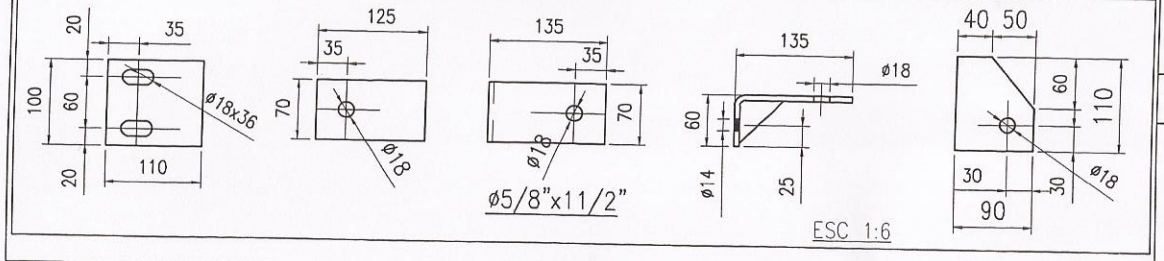


SOPORTE DE CORREA EN F1 y F7
ESC 1:5



ESC 1:6

OBRA: Laboratorio

DETALLES DE ESTRUCTURA METÁLICA

PROFESIONAL: ING. ARIEL MARTINEZ
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LÁM:	EM-04
ESC:	Variable
FECHA:	27/04/2015

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Ing. Industrial
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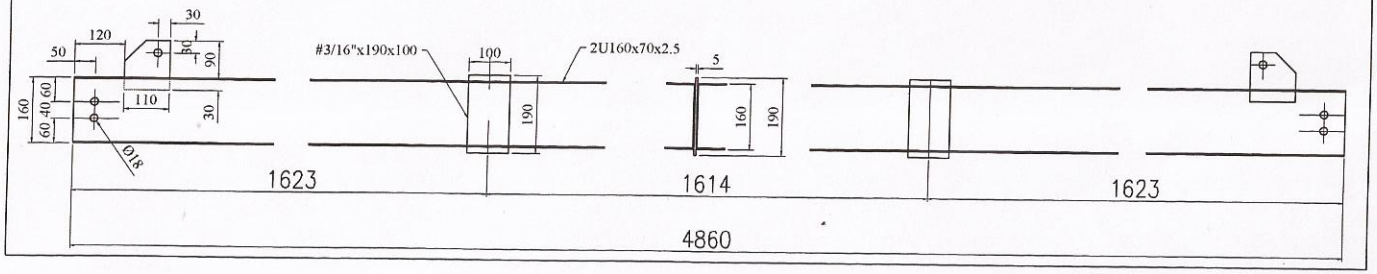
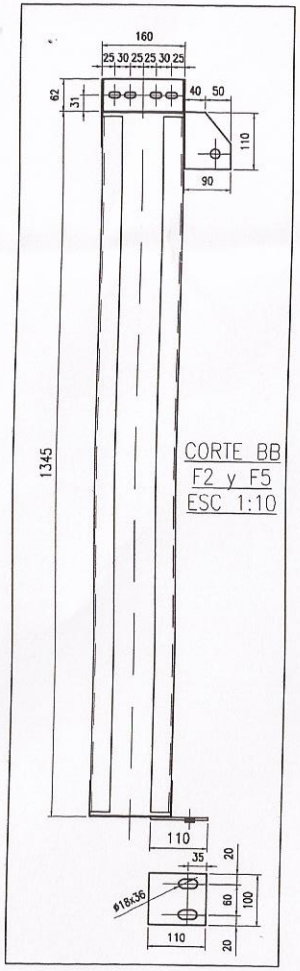
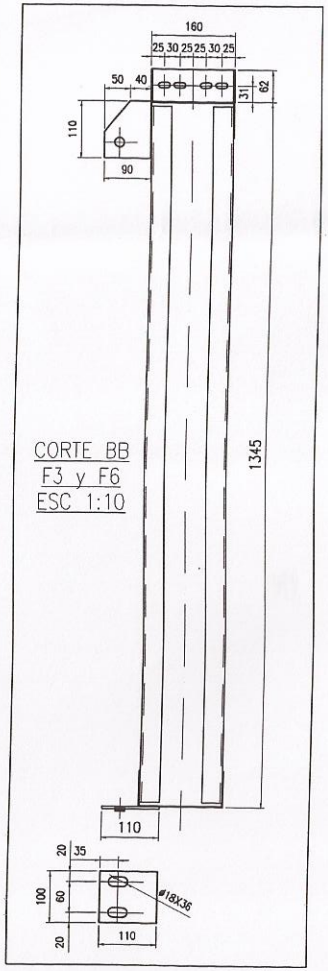


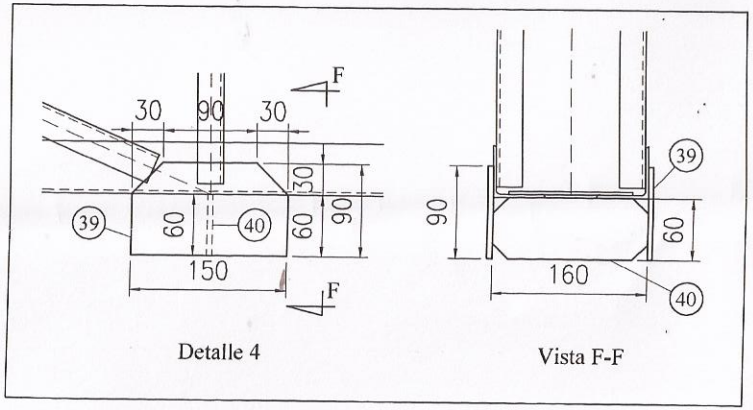
Soporte cruz Vertical
Cant = 2 un
ESC 1:10



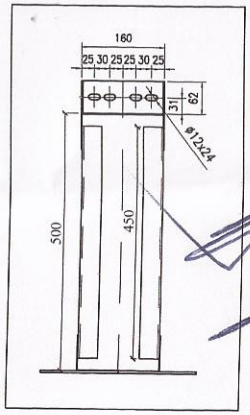
CORTE BB
F2 y F5
ESC 1:10



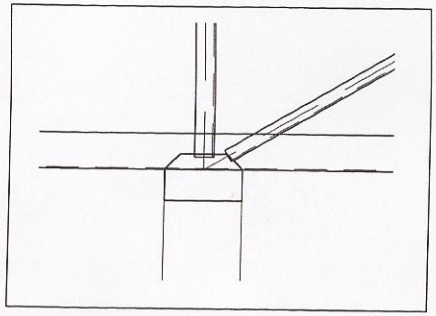
CORTE BB
F3 y F6
ESC 1:10



DET. APOYO DE CABRIADA
ESC 1:5



CORTE CC
ESC 1:10



DET. APOYO DE CABRIADA
ESC 1:10

OBRA: Laboratorio

DETALLES DE ESTRUCTURA METÁLICA

PROFESIONAL: ING. ARIEL MARTINEZ
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LÁM:	EM-05
ESC:	Variable
FECHA:	27/04/2015

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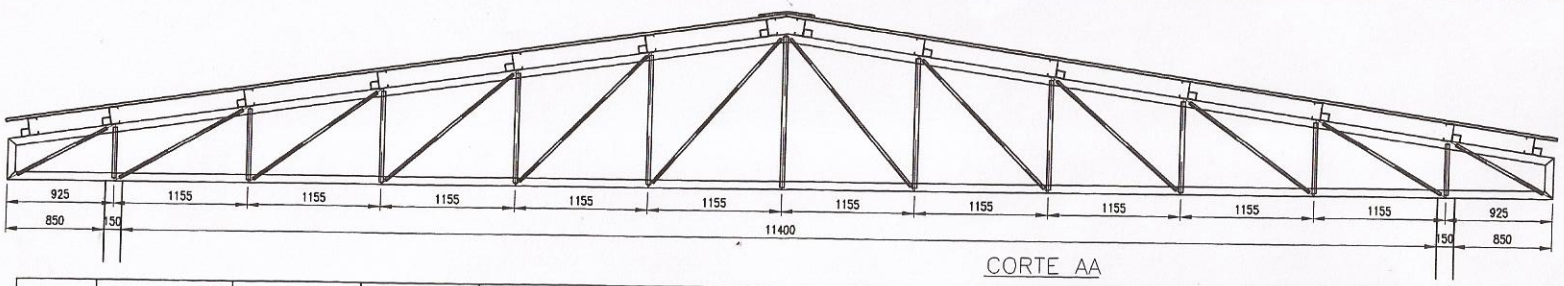
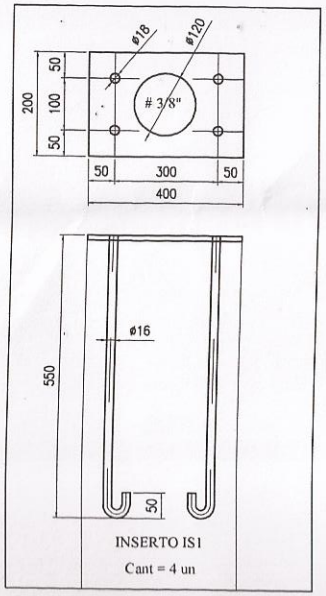


CORTE AA
CERCHA F2 y F6
ESC 1:45

POS	DIMENSIONES	LONGITUD (mm)	CANTIDAD	Denominacion	OBS.	Material
1	C2L 1"X1/8"	869	10	Diagonal	Perfil Laminado	A36
2	C2L 1"X1/8"	1212	10	Diagonal	Perfil Laminado	A36
3	C2L 1"X1/8"	1311	10	Diagonal	Perfil Laminado	A36
4	C2L 1"X1/8"	1427	10	Diagonal	Perfil Laminado	A36
5	C2L 1"X1/8"	1550	10	Diagonal	Perfil Laminado	A36
6	C2L 1"X1/8"	1670	10	Diagonal	Perfil Laminado	A37
7	C2L 1 1/2"X1/8"	447	10	Montante	Perfil Laminado	A36
8	C2L 1 1/2"X1/8"	622	10	Montante	Perfil Laminado	A36
9	C2L 1 1/2"X1/8"	799	10	Montante	Perfil Laminado	A36
10	C2L 1 1/2"X1/8"	965	10	Montante	Perfil Laminado	A36
11	C2L 1 1/2"X1/8"	1135	10	Montante	Perfil Laminado	A36
12	C2L 1 1/2"X1/8"	1328	5	Montante	Perfil Laminado	A37
13	U 160x70x2.5	13400	5	Cordon Inferior	Chapa Plegada	A36
14	U 160x70x2.5	6755	10	Cordon Superior	Chapa Plegada	A36
15	U 160x70x2.5	363	10	Montante Extrema	Chapa Plegada	A36
16	C 125x50x20x2.0	5000	84	Correas	Chapa Plegada	A36
17	C2L 1 1/2"X1/8"	704	12	Tilla de Compresion	Perfil Laminado	A36
18	C2L 1 1/2"X1/8"	1050	12	Tilla de Compresion	Perfil Laminado	A36
19	U 160x70x2.5	625	70	Soporte Correa	Chapa Plegada	A36
20	C2L 1"X1/8"	345	72	Diagonal	Perfil Laminado	A36
21	C2L 1"X1/8"	293	4	Diagonal	Perfil Laminado	A36
22	C2L 1"X1/8"	295	4	Diagonal	Perfil Laminado	A36
23	C2L 1"X1/8"	869	4	Diagonal	Perfil Laminado	A36
24	U 100x40x2.0	950	4	Cordon Inferior	Chapa Plegada	A36
25	U 100x40x2.0	5817	4	Cordon Inferior	Chapa Plegada	A36
26	U 100x40x2.0	363	4	Montante Extrema	Chapa Plegada	A36
27	U 100x40x2.0	434	4	Montante Extrema	Chapa Plegada	A36
28	U 100x40x2.0	6775	4	Cordon Superior	Chapa Plegada	A36
29	U 100x40x2.0	625	24	Soporte Correa	Chapa Plegada	A36
30	ϕ12	7006	8	Cruces Horizontales	Varillas	ADN 420
31	ϕ12	4687	4	Cruces Verticales	Varillas	ADN 420
32	ϕ10	2528	4	Diagonal 1	Varillas	ADN 420
33	ϕ10	2604	20	Diagonal 2	Varillas	ADN 420
34	ϕ10	2653	4	Diagonal 3	Varillas	ADN 420
35	ϕ10	2726	20	Diagonal 4	Varillas	ADN 420
36	ϕ10	1321	48	Tilla	Varillas	ADN 420
37	2U 160x70x2.5	4860	2	Soporte de Cruz Vertical	Chapa Plegada	A36
38	ϕ12	5050	2	Tensor	Varillas	ADN 420



DET. PLACA DE ANCLAJE
ESC 1:10

OBRA: Laboratorio

DETALLES DE ESTRUCTURA METÁLICA

PROFESIONAL: ING. ARIEL MARTINEZ
E-MAIL: ing.ariel.martinez@gmail.com

LÁM: EM-06
ESC: Variable
FECHA: 27/04/2015

Ing. Miguel A. López
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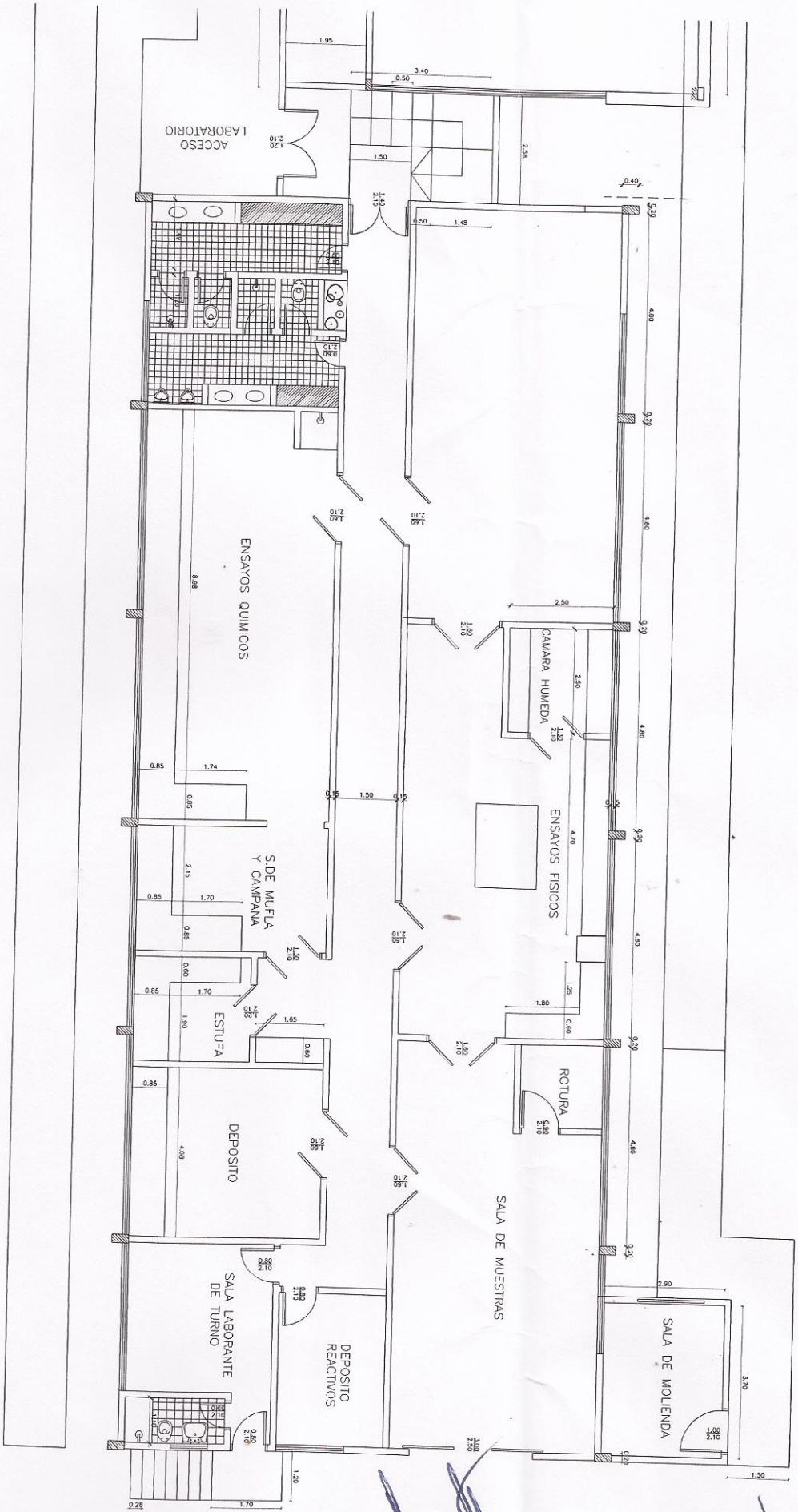
I.N.C.

PRODUCIDO POR UN PRODUCTO EDUCATIVO DE AUTODESK



Ing. Miguel A. López
Gte. Industrial

PRODUCIDO POR UN PRODUCTO EDUCATIVO DE AUTODESK

PRODUCIDO POR UN PRODUCTO EDUCATIVO DE AUTODESK