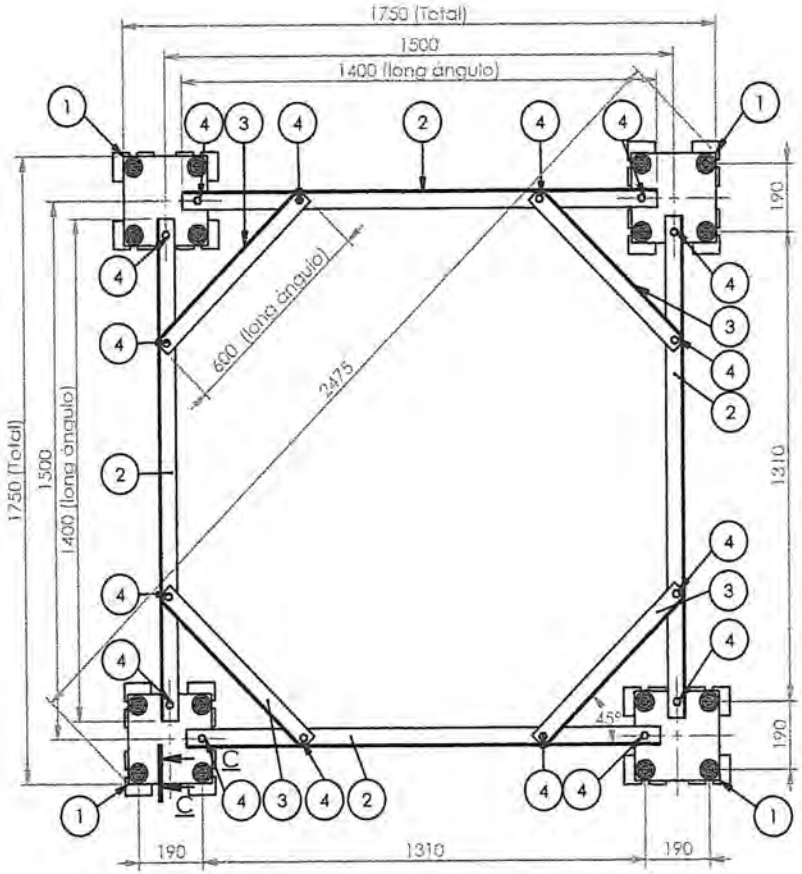
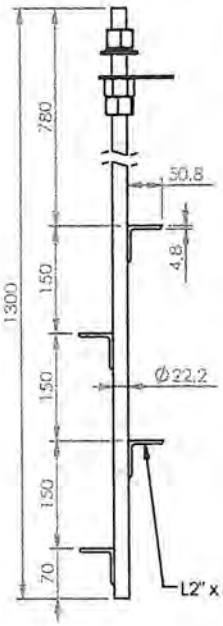
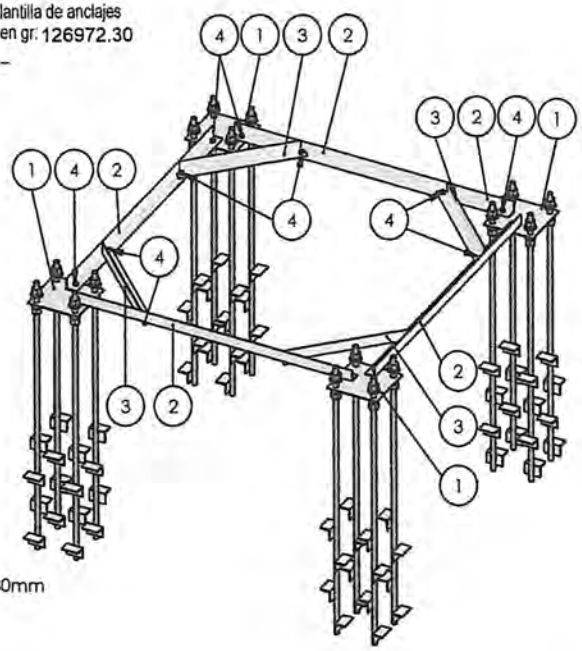


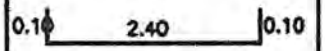
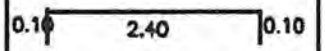
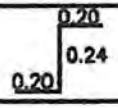


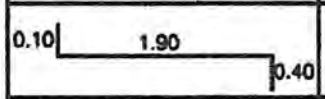
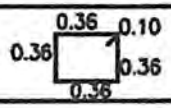
SECCIÓN C-C
Perno de anclaje de
Ø7/8" x 1300mm

Pos: P-15033-014-01
Ens plantilla de anclajes
Peso en gr: 126972.30
Cant: _

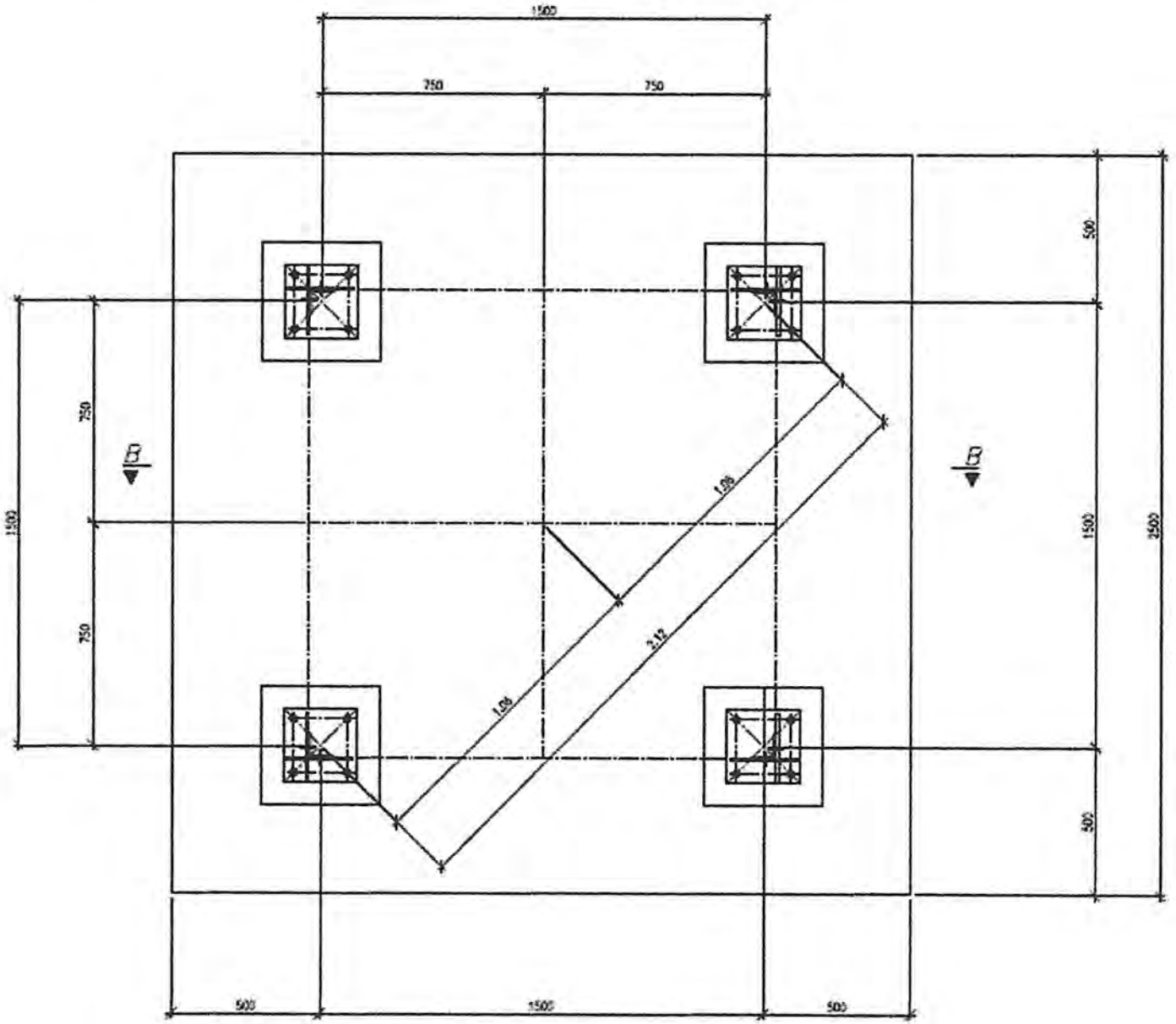


PLANO DE CIMENTACION TORRE DE ENTRENAMIENTO PARA TRABAJO SEGURO EN ALTURAS

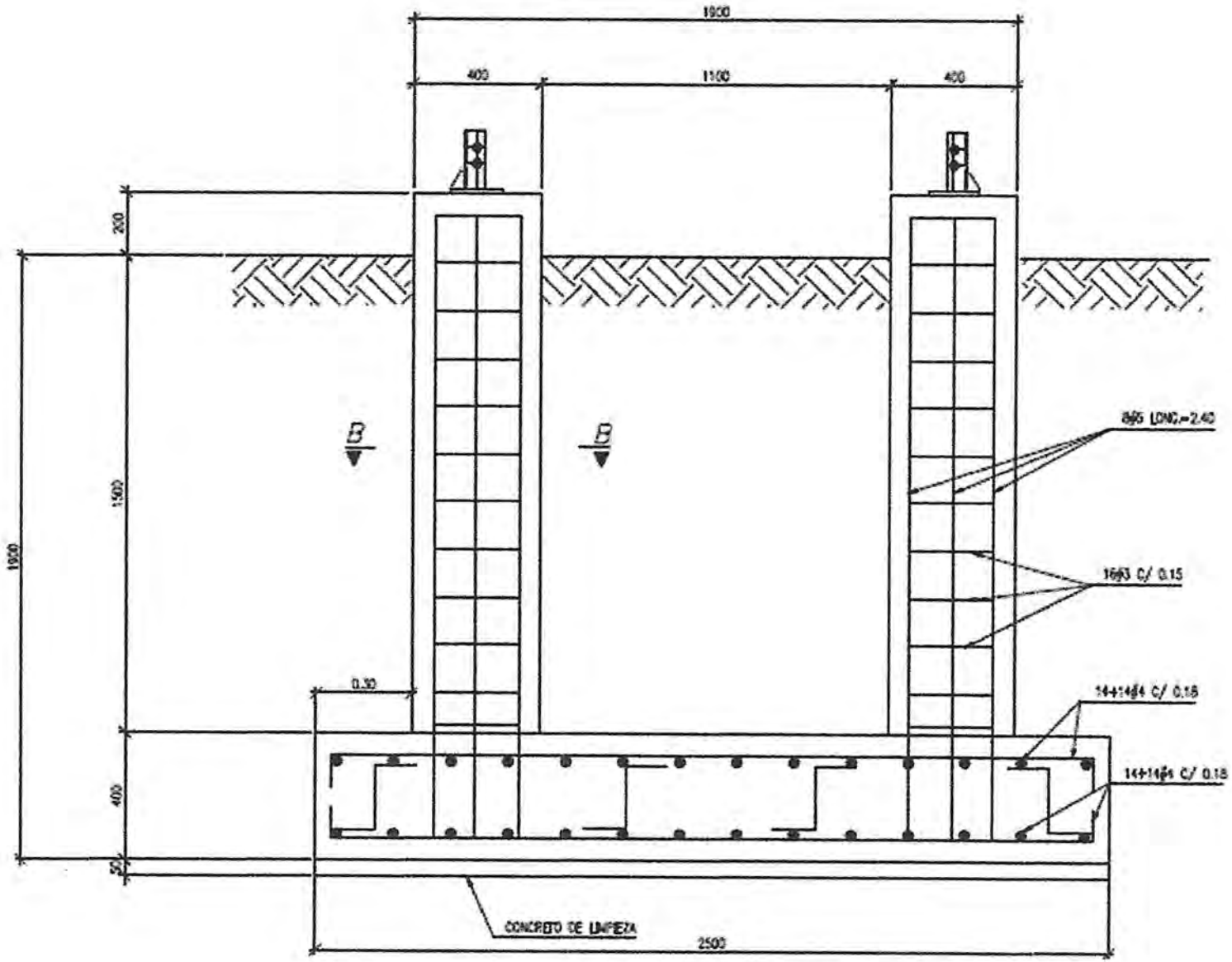
CUADRO DE HIERROS ZAPATA				
FORMA	DIAMETRO	LONGITUD (m)	CANTIDAD	PESO (kg)
	1/2"	2.60	28	72.4
	1/2"	2.60	28	72.4
	1/2"	0.64	16	10.2

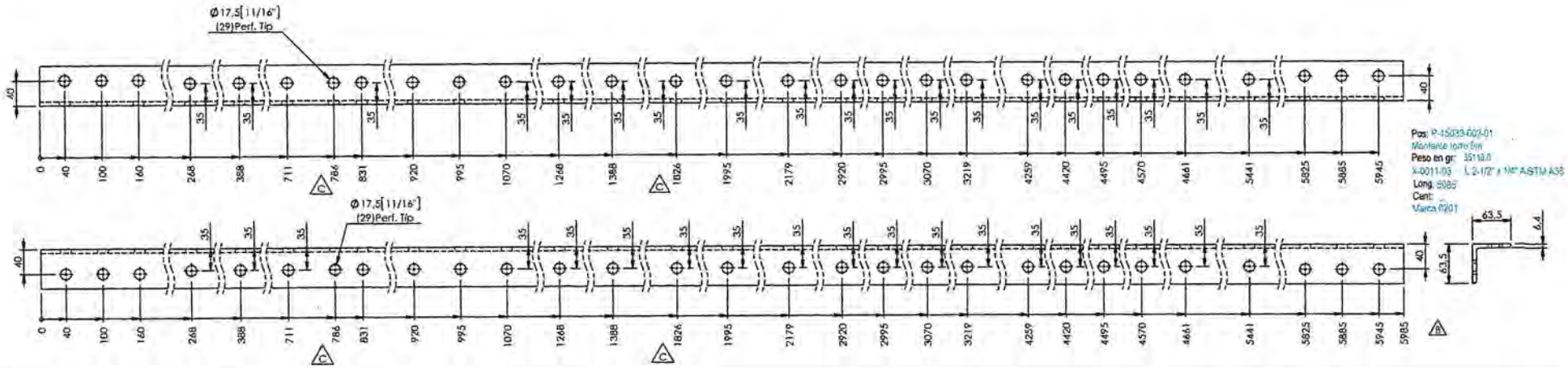
CUADRO DE HIERROS PEDESTAL				
FORMA	DIAMETRO	LONGITUD (m)	CANTIDAD	PESO (kg)
	5/8"	2.40	32	119.2
	3/8"	1.64	56	51.4

PLANO DE CIMENTACION TORRE DE ENTRENAMIENTO PARA TRABAJO SEGURO EN ALTURAS

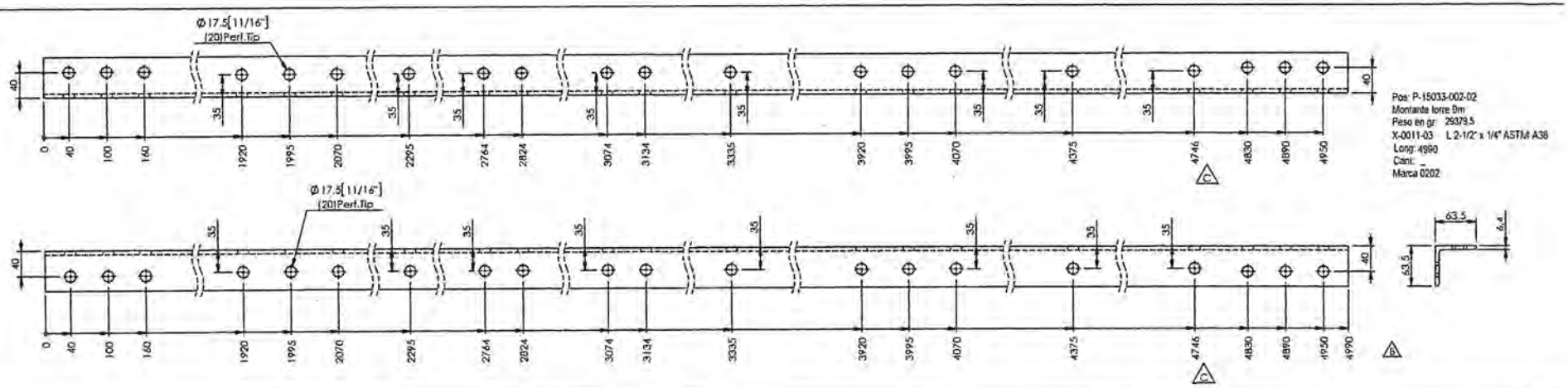


PLANO DE CIMENTACION TORRE DE ENTRENAMIENTO PARA TRABAJO SEGURO EN ALTURAS

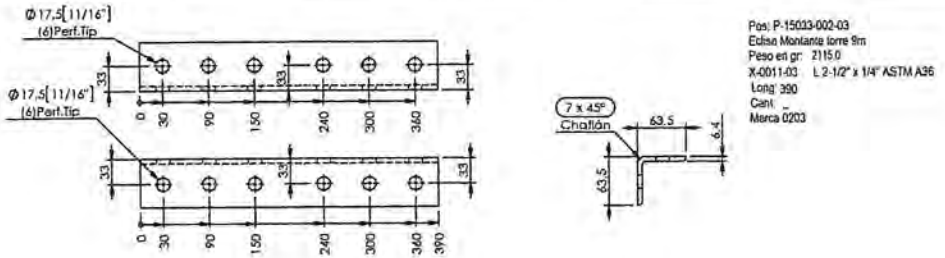




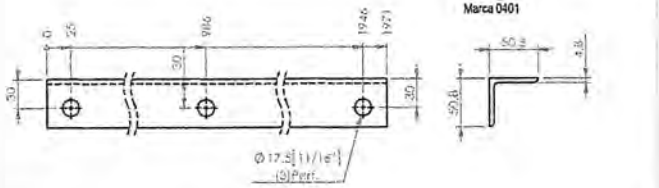
Pos: P-15033-002-01
Montante torre 9m
Peso en gr: 35118.0
X-0011-03 L 2-1/2" x 1/4" ASTM A36
Long: 5985
Cant: _
Marca 0201



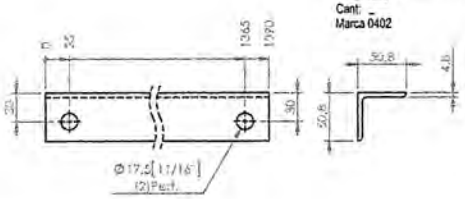
Pos: P-15033-002-02
Montante torre 9m
Peso en gr: 29379.5
X-0011-03 L 2-1/2" x 1/4" ASTM A36
Long: 4990
Cant: _
Marca 0202



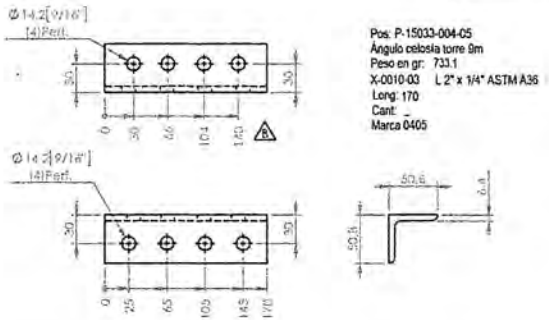
Pos: P-15033-002-03
Eclise Montante torre 9m
Peso en gr: 2115.0
X-0011-03 L 2-1/2" x 1/4" ASTM A36
Long: 390
Cant: _
Marca 0203



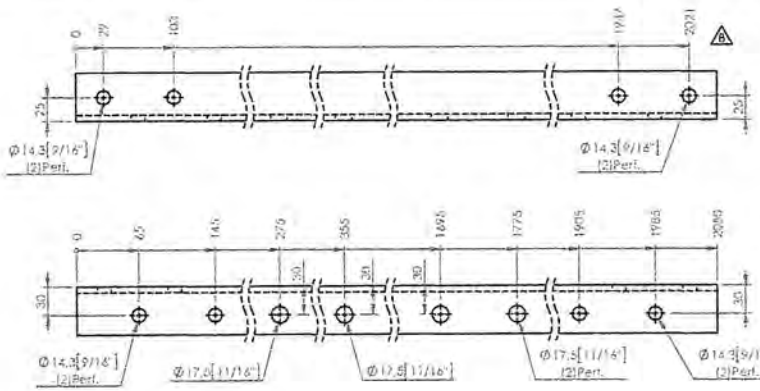
Pos. P-15033-004-01
Ángulo celosía torre 9m
Peso en gr: 7042.5
X-0010-02 L 2" x 3/16" ASTM A36
Long: 1971
Cant: _
Marca 0401



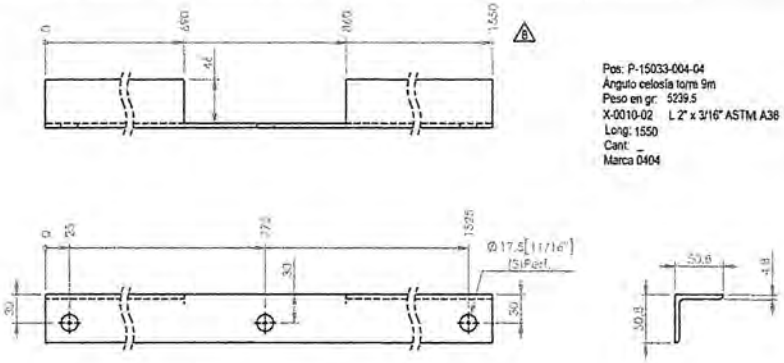
Pos: P-15033-004-02
Ángulo celosía torre 9m
Peso en gr: 4967.6
X-0010-02 L 2" x 3/16" ASTM A36
Long: 1390
Cant: _
Marca 0402



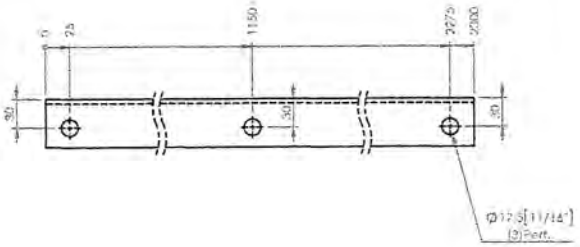
Pos: P-15033-004-05
Ángulo celosía torre 9m
Peso en gr: 733.1
X-0010-03 L 2" x 1/4" ASTM A36
Long: 170
Cant: _
Marca 0405



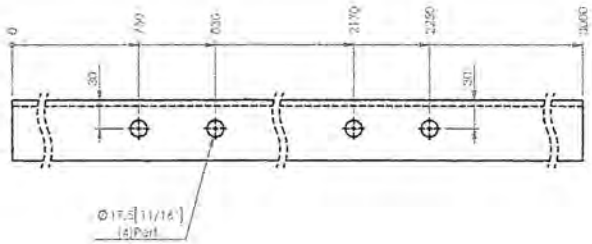
Pos: P-15033-004-03
Ángulo celosía torre 9m
Peso en gr: 9494.5
X-0010-03 L 2" x 1/4" ASTM A36
Long: 2050
Cant: _
Marca 0403



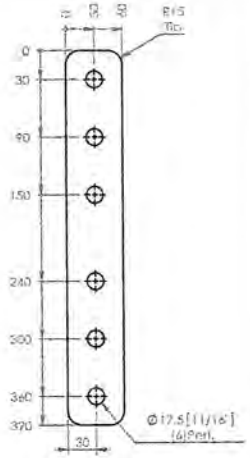
Pos: P-15033-004-04
Ángulo celosía torre 9m
Peso en gr: 5239.5
X-0010-02 L 2" x 3/16" ASTM A36
Long: 1550
Cant: _
Marca 0404



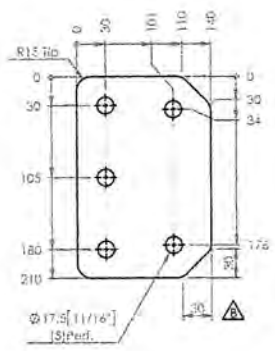
Pos: P-15033-004-06
Ángulo celosía torre 9m
Peso en gr: 8222.5
X-0010-02 L 2" x 3/16" ASTM A36
Long: 2300
Cant: _
Marca 0406



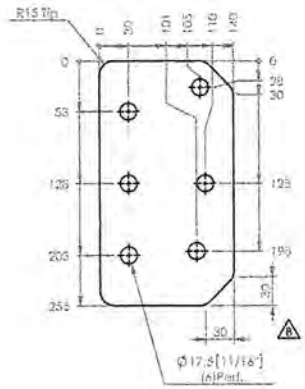
Pos: P-15033-004-08
Ángulo estructural plataforma
Peso en gr: 17813.4
X-0011-03 L 2-1/2" x 1/4" ASTM A36
Long: 3000
Cant: _
Marca 0408



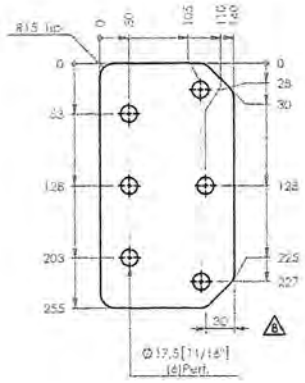
Pos: P-15033-003-01
Placa empalme y amarre celosía
Peso en gr: 1026.7
Lám. ASTM A36
M-0001-06 6mm 60 x 390
Cant: _
Marca 0301



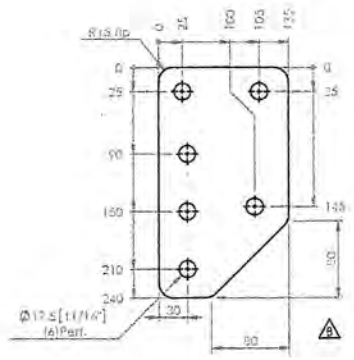
Pos: P-15033-003-02
Placa empalme y amarre celosía
Peso en gr: 1282.1
Lám. ASTM A36
M-0001-06 6mm 140 x 210
Cant: _
Marca 0302



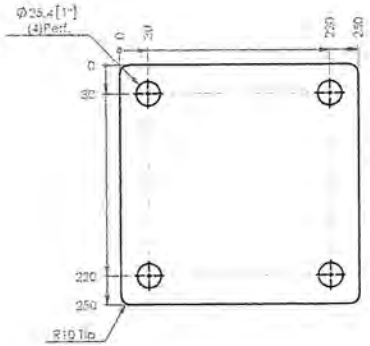
Pos: P-15033-003-04
Placa empalme y amarre celosía
Peso en gr: 1567.9
Lám. ASTM A36
M-0001-06 6mm 140 x 255
Cant: _
Marca 0304



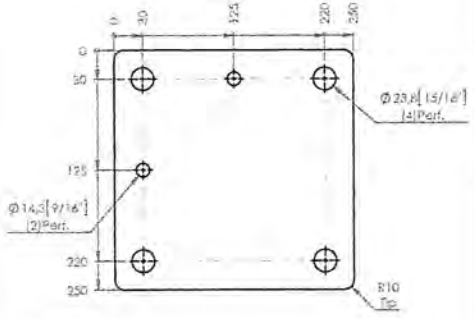
Pos: P-15033-003-05
Placa empalme y amarre celosía
Peso en gr: 1567.9
Lám. ASTM A36
M-0001-06 6mm 140 x 255
Cant: _
Marca 0305



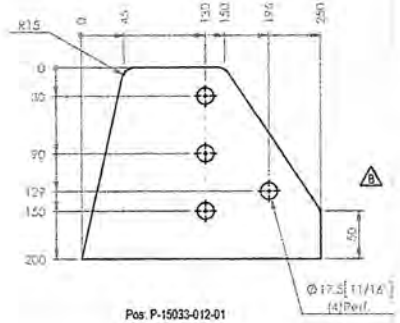
Pos: P-15033-003-03
Placa empalme y amarre celosía
Peso en gr: 1302.0
Lám. ASTM A36
M-0001-06 6mm 135 x 240
Cant: _
Marca 0303



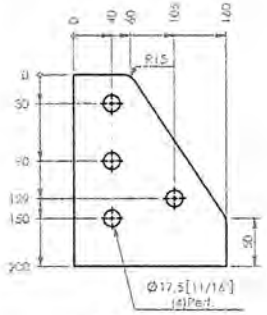
Pos: P-15033-011-01
Placa base plantilla
Peso en gr: 7119.7
Lám. ASTM A36
M-0001-09 15mm 250 x 250
Cant: _



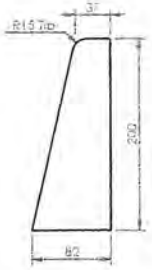
Pos: P-15033-011-03
Placa base plantilla
Peso en gr: 1422.2
Lám. ASTM A36
M-0001-04 3mm 250 x 250
Cant: _



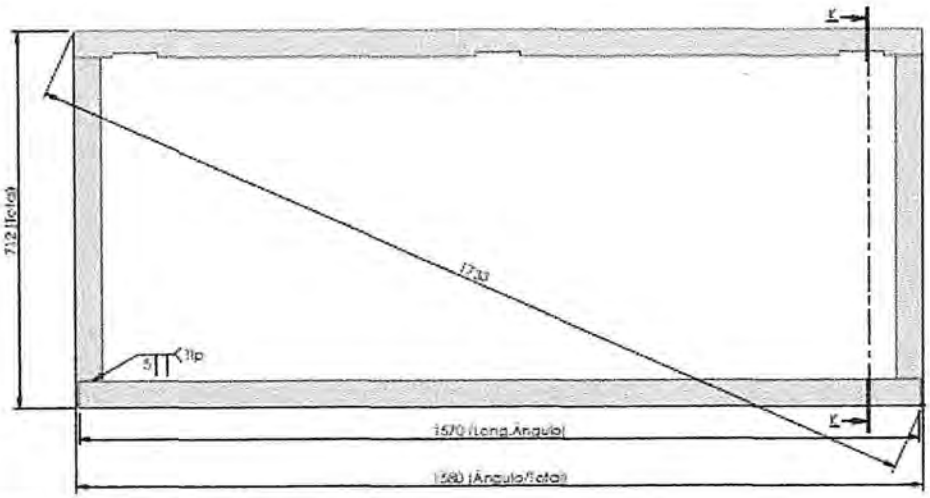
Pos: P-15033-012-01
Placa refuerzo base
Peso en gr: 2617.5
Lám. ASTM A36
M-0001-07 9mm 250 x 200
Cant: _

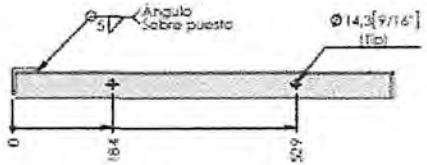


Pos: P-15033-012-02
Placa refuerzo base
Peso en gr: 1664.5
Lám. ASTM A36
M-0001-07 9mm 160 x 200
Cant: _

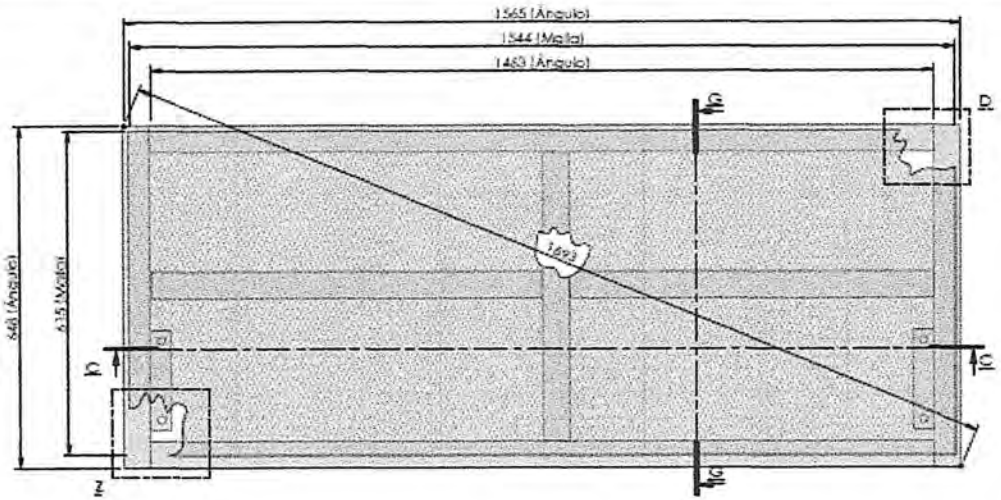


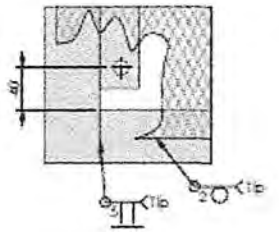
Pos: P-15033-012-03
Placa refuerzo base
Peso en gr: 839.8
Lám. ASTM A36
M-0001-07 9mm
Cant: _



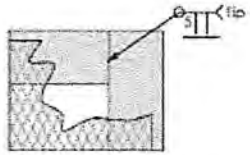


SECCIÓN K-K
Ubicación y soldadura de ángulo

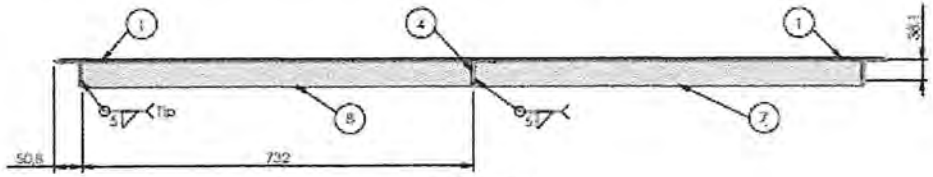




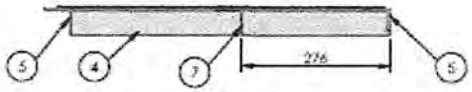
DETALLE Z
Distancia típica del ángulo



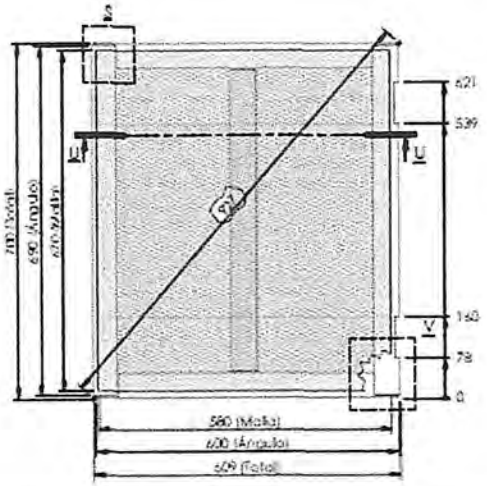
DETALLE D
Detalle de soldadura

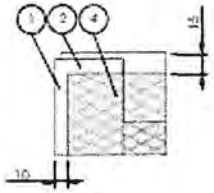


SECCIÓN C-C
Ubicación de ángulo

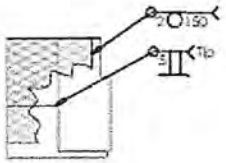


SECCIÓN G-G
Detalle de refuerzo

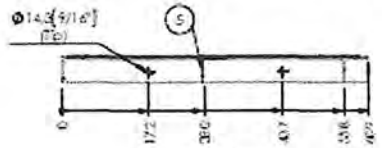




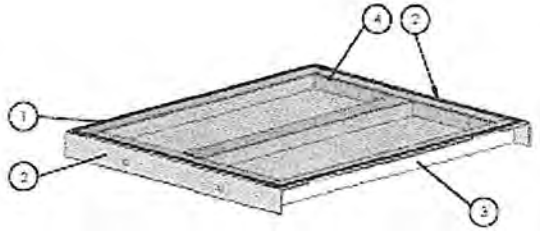
DETALLE S
Ubicación típica de malla



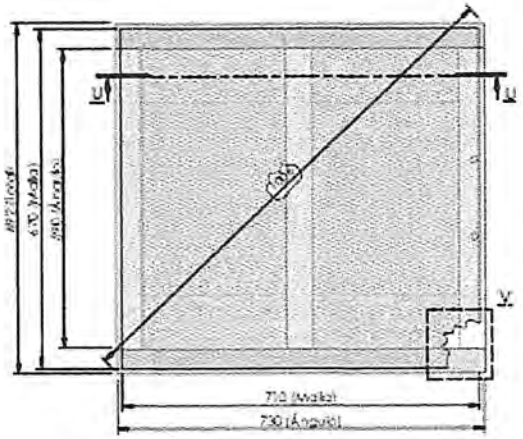
DETALLE V
Detalle de soldadura

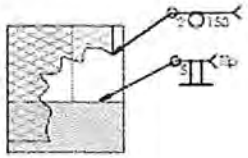


SECCIÓN U-U
Ubicación de ángulo

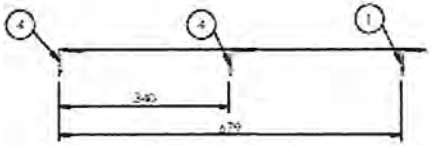


Pos: P-15333-00644
Ens Marco escalla plataforma
Peso en gl: 14987.57
Cant: _





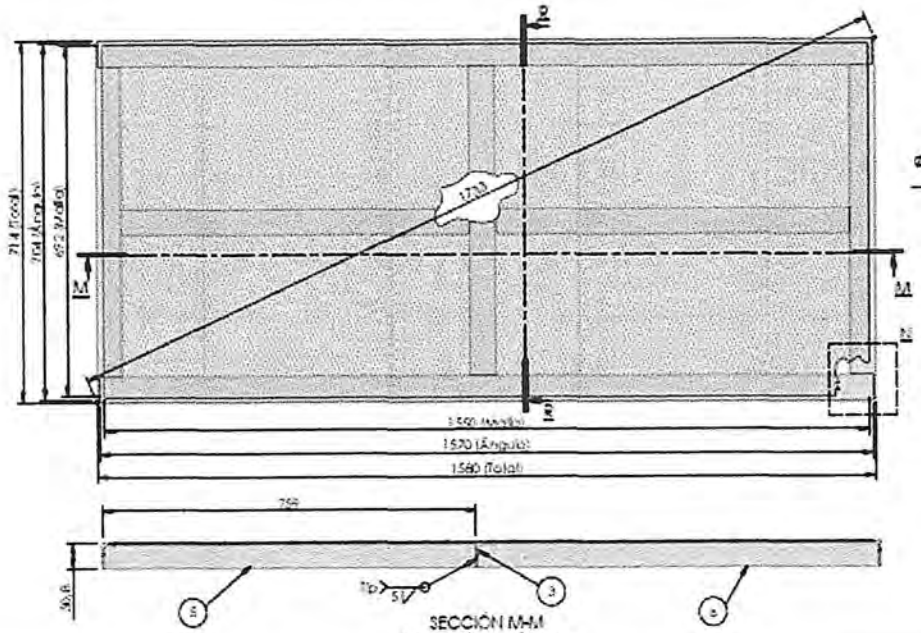
DETALLE V
Detalle de soldadura

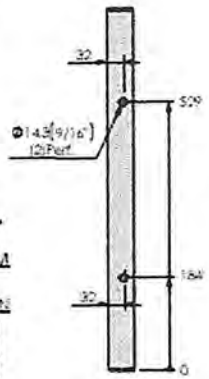


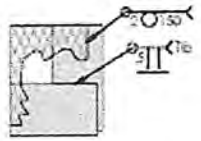
SECCIÓN U-U
Ubicación de ángulos

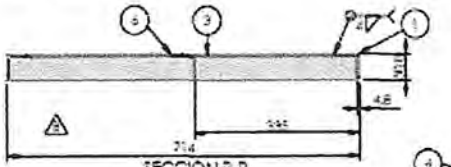


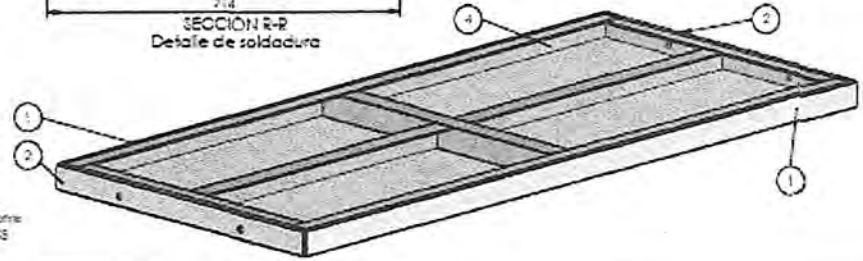
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Ens Marco escalla plataforma
Peso en gl: 17181.49
Cant: _



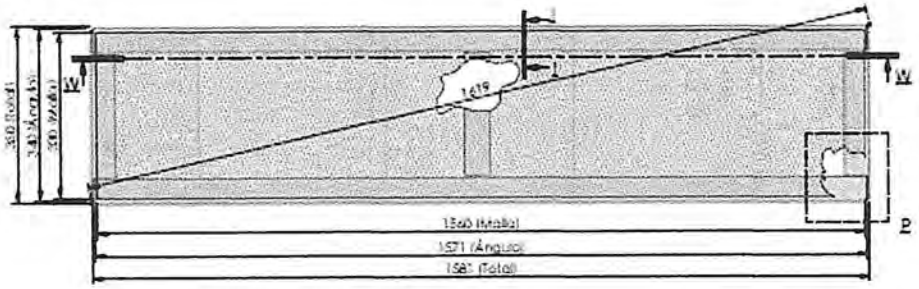


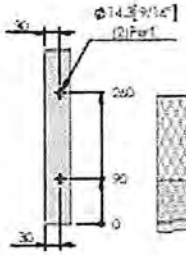


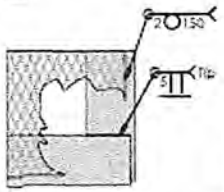


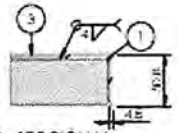


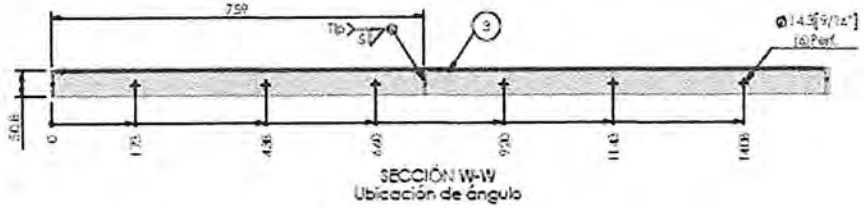
Pos. P-15033-009-02
Ens.Marco piso plataforma
Peso en gr: 34578.58
Cant. _



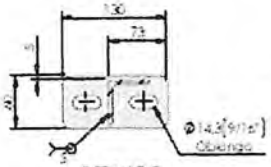




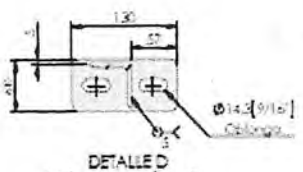




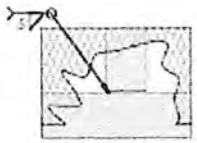
Pos. P-15033-009-03
Ens.Marco piso plataforma
Peso en gr: 20384.16
Cant. _



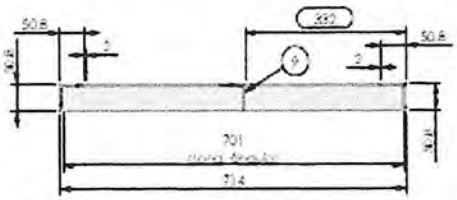
DETALLE C
Ubicaciones ángulo pata



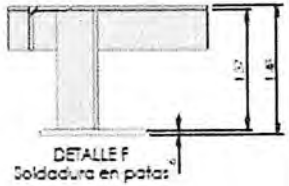
DETALLE D
Ubicaciones ángulo pata



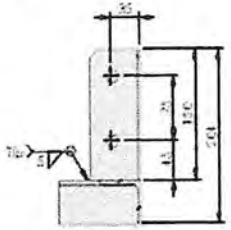
DETALLE W
Soldadura



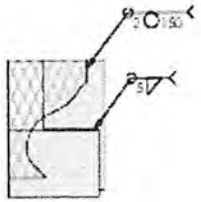
SECCIÓN J-J
Ubicación ángulos



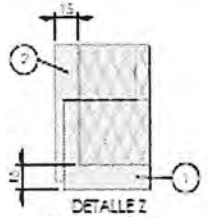
DETALLE F
Soldadura en patas



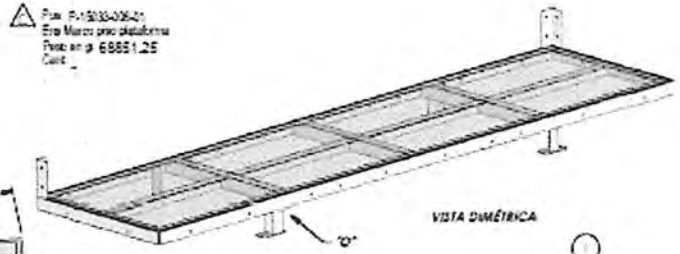
DETALLE B
Ubicación ángulo marco piso



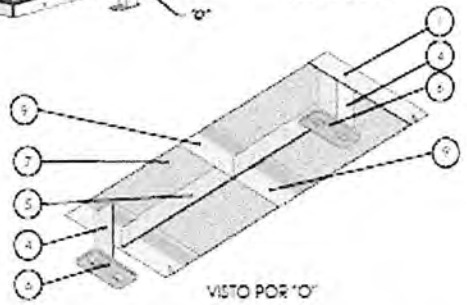
DETALLE L
Soldadura



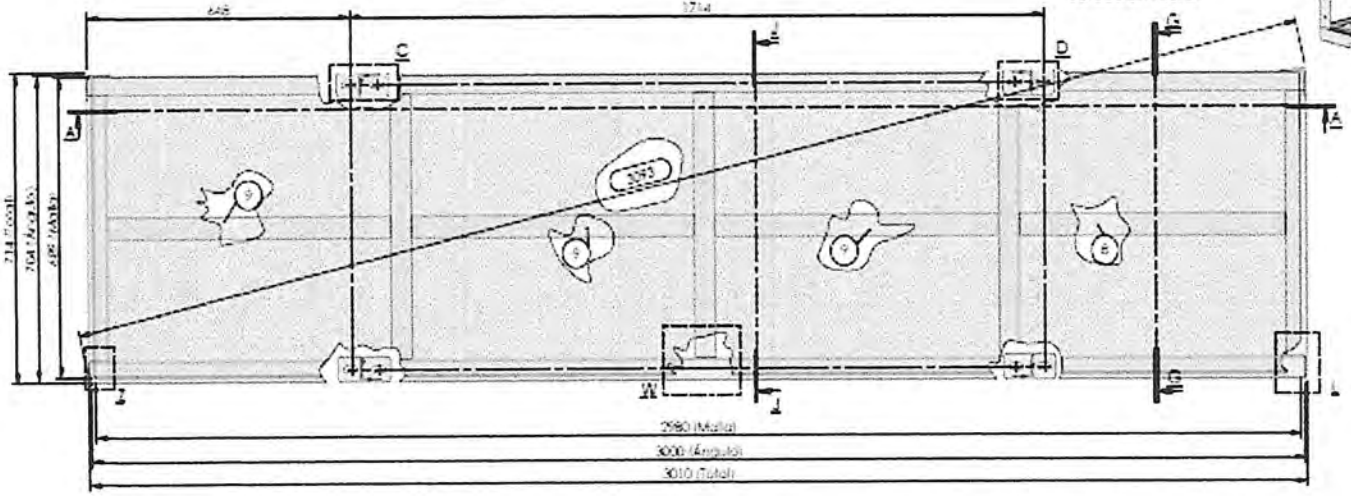
DETALLE Z
Distancia típica ubicación malla

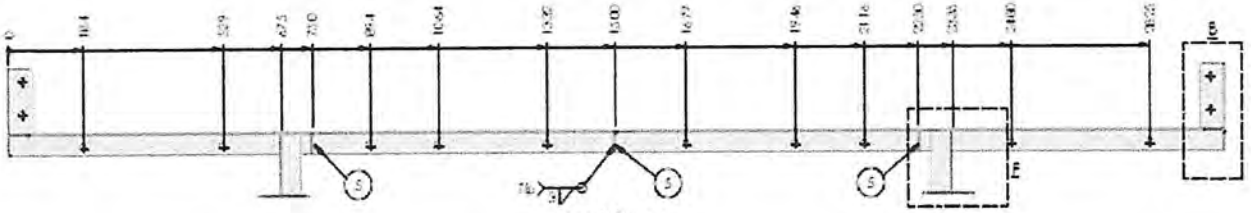


VISTA DIMÉTRICA

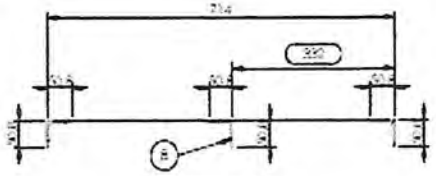


VISTO POR "O"

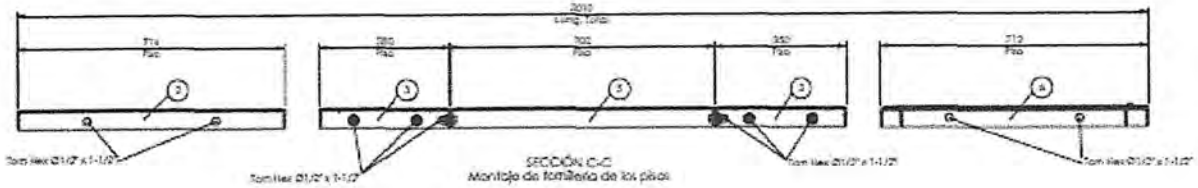




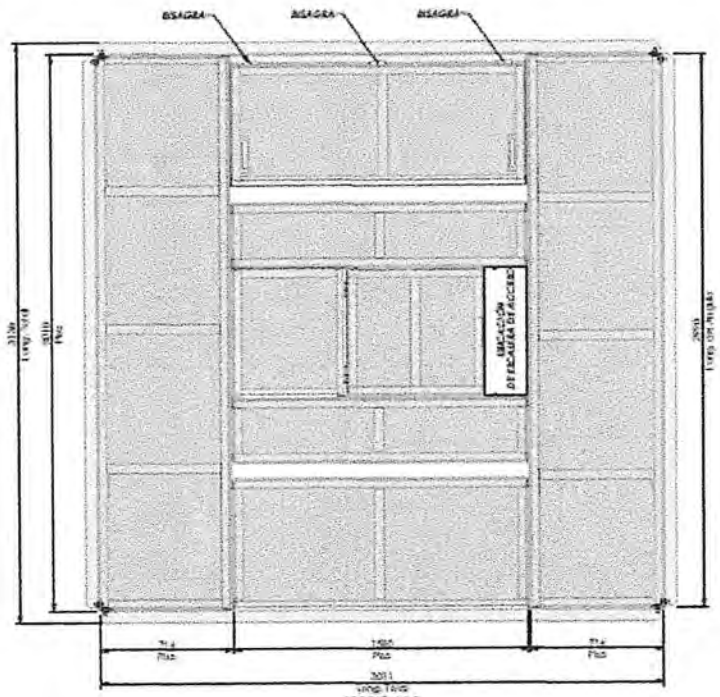
SECCIÓN A-A
Ubicación ángulos



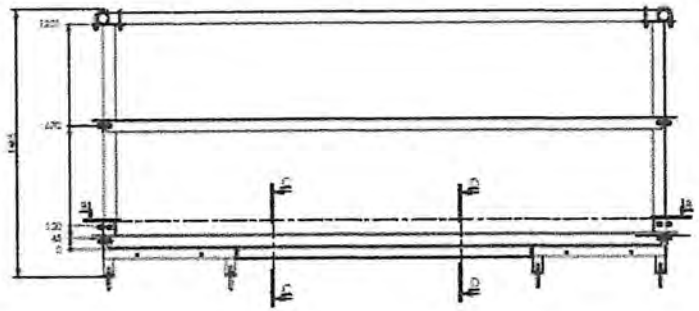
SECCIÓN G-G
Detalle de refuerzo

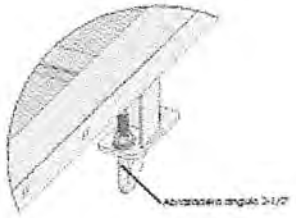


SECCIÓN C-C
Montaje de tornillería de los pisos

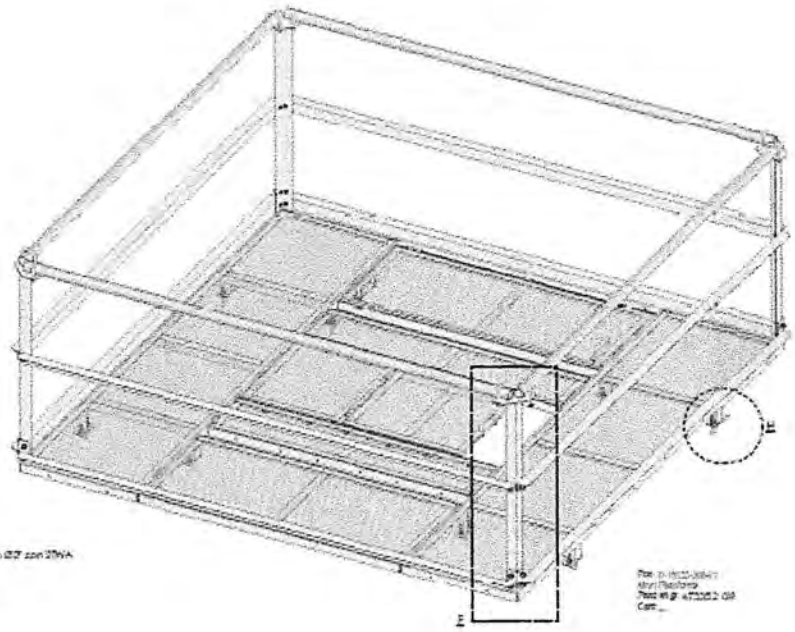


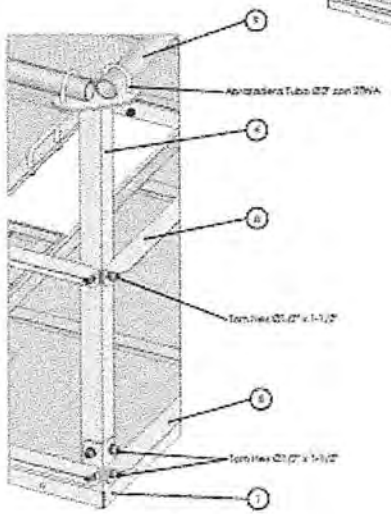
SECCIÓN B-B



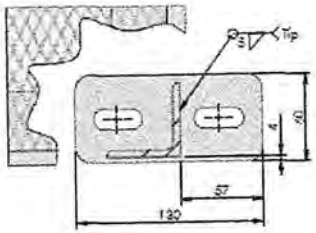


DETALLE H
Abrazadera para angulo de 2-1/2"

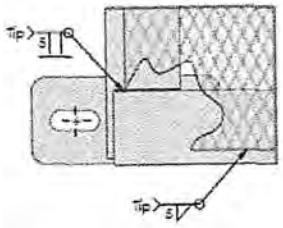




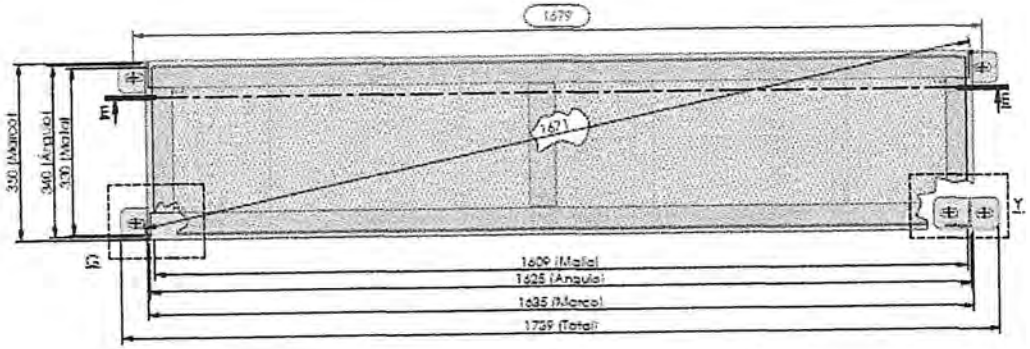
DETALLE F
Montaje de barandas

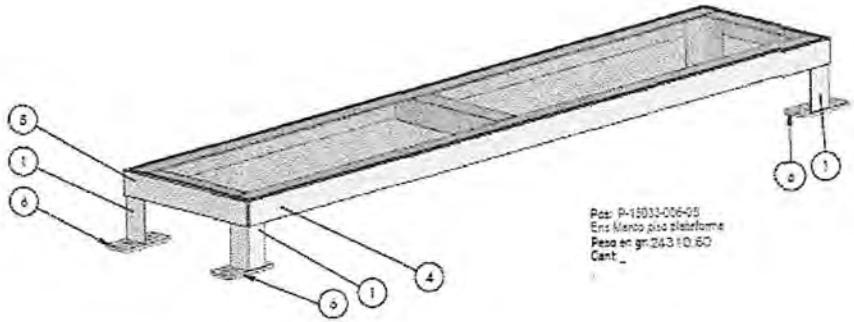


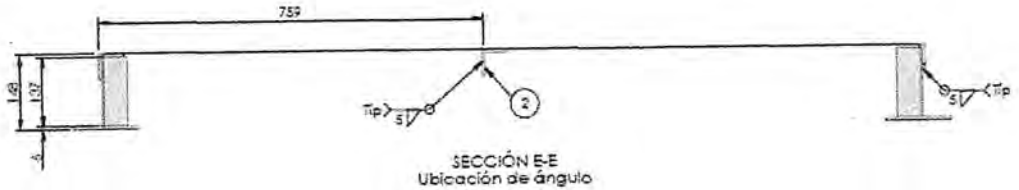
DETALLE Y
Detalle de pata



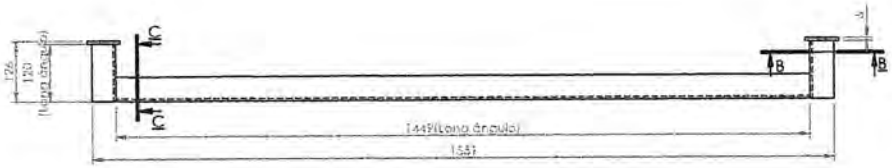
DETALLE G
Detalle de soldadura

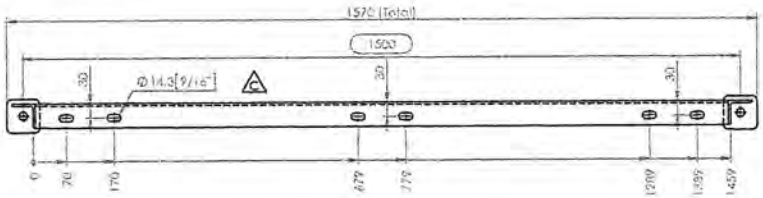


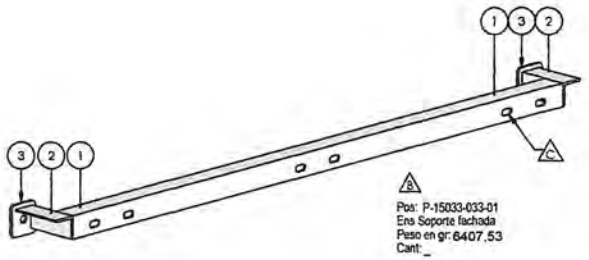


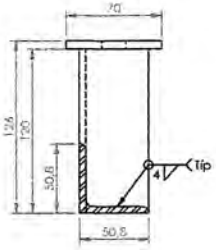


SECCIÓN E-E
Ubicación de ángulo

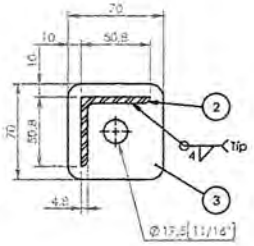




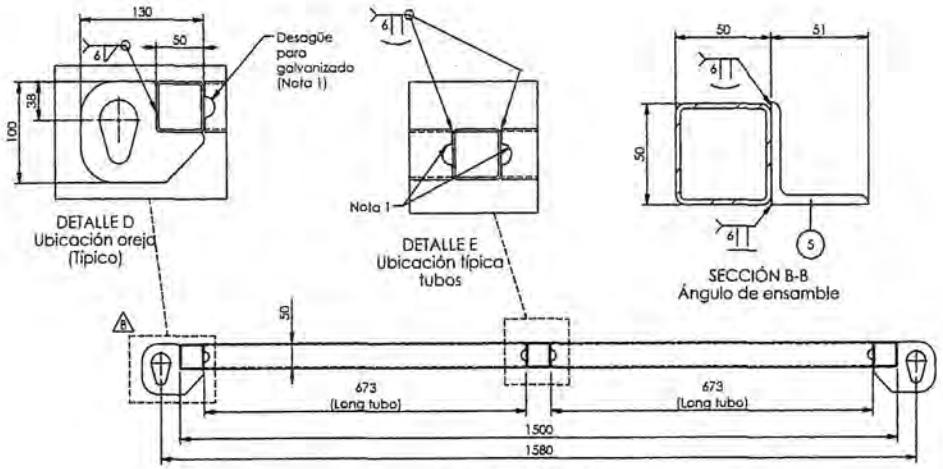


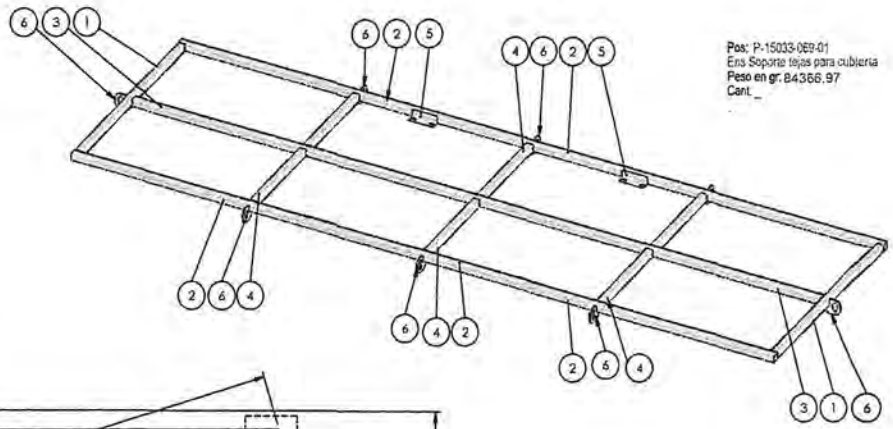


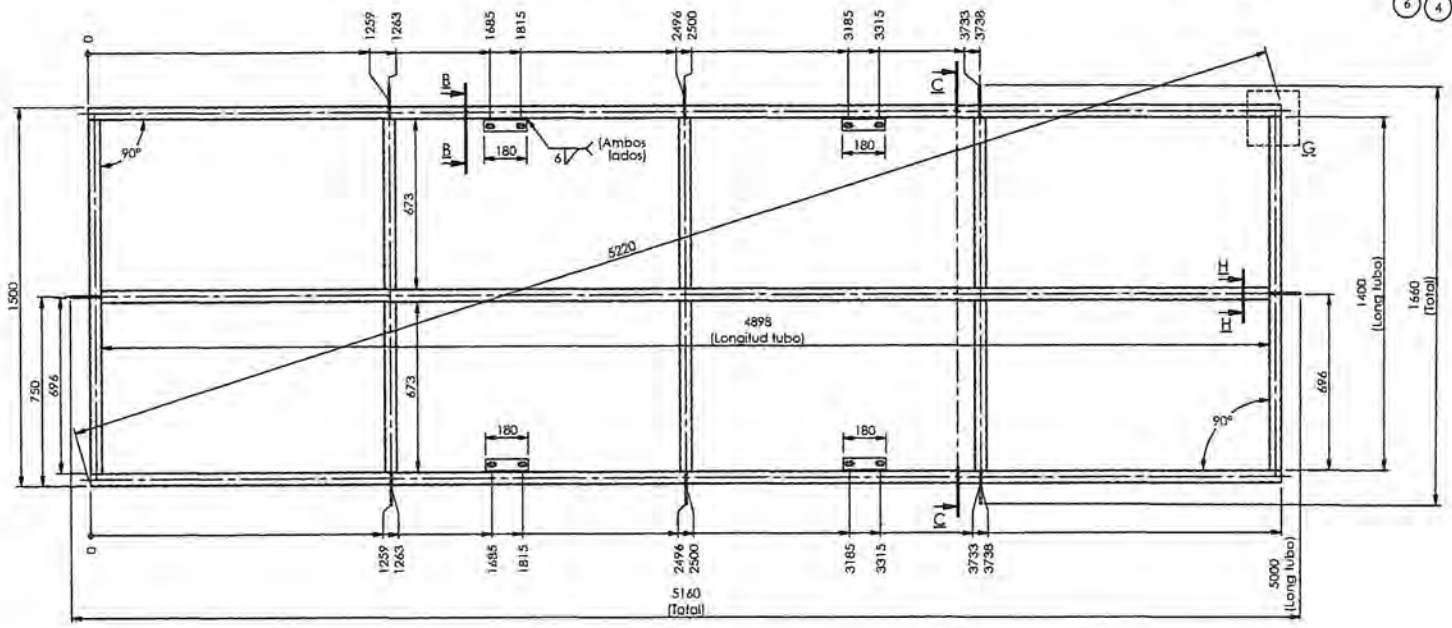
SECCIÓN C-C
Detalle de posición
y soldadura

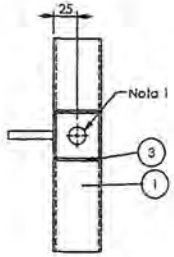


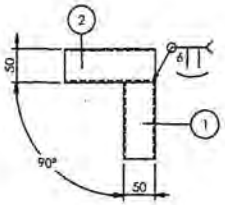
SECCIÓN B-B
Detalle de posición
y soldadura

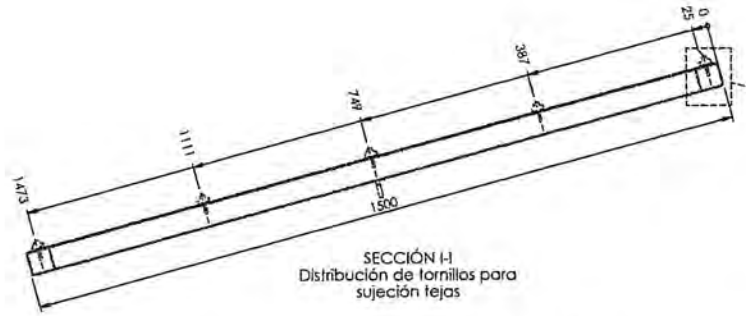

130
50
Desagüe para galvanizado (Nota 1)
38
100
DETALLE D
Ubicación oreja (Típico)
Nota 1
DETALLE E
Ubicación típica tubos
50
51
50
SECCIÓN B-B
Ángulo de ensamble
50
673
(Long tubo)
673
(Long tubo)
1500
1580
SECCIÓN C-C
Ubicación orejas y desagües


Pos: P-15033-069-01
Ens Soporte tejas para cubierta
Peso en gr: 84366.97
Cant: _

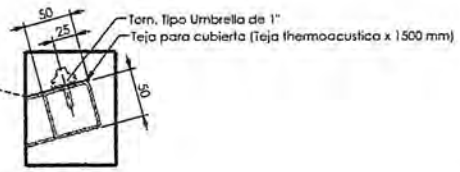

0
1259
1263
1685
1815
2496
2500
3185
3315
3733
3738
B
180
(Ambos lados)
90°
673
5720
1500
750
696
4898
(Longitud tubo)
1400
(Long tubo)
1660
(Total)
5000
(Long tubo)
5160
(Total)


25
Nota 1
SECCIÓN H-H
Perforación de desagüe (Típico)

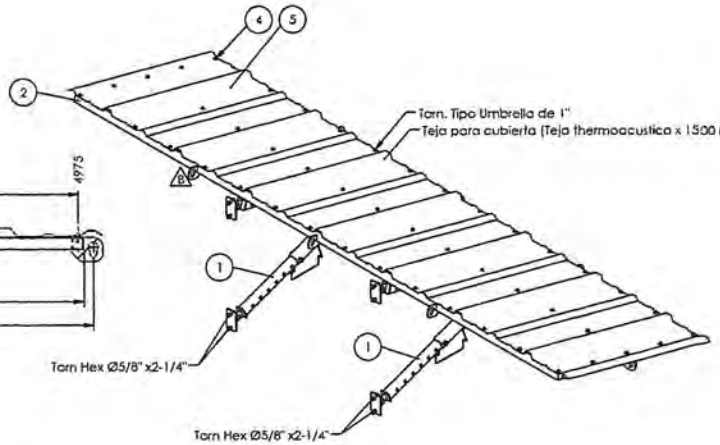

50
90°
50
DETALLE G
Esquina típica

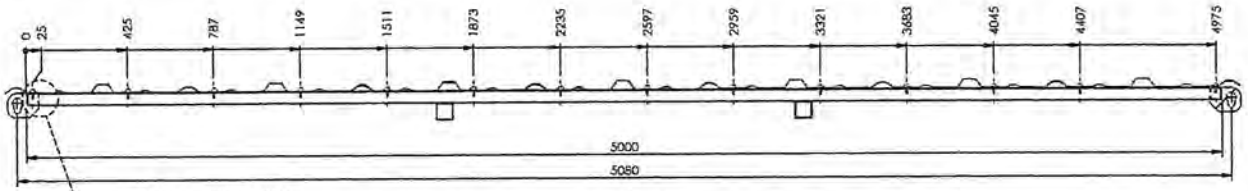


SECCIÓN I-I
Distribución de tornillos para sujeción tejas

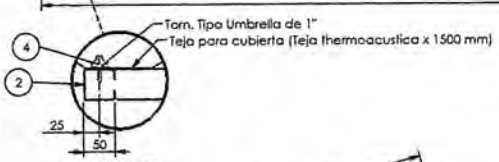


DETALLE J
Sujeción tejado cubierta

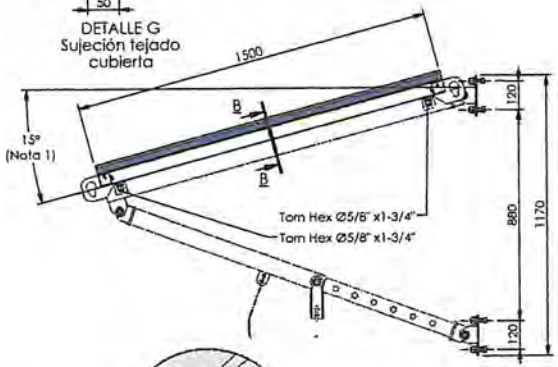


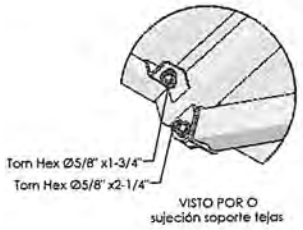


SECCIÓN B-B
Distribución de tornillos para sujeción tejas

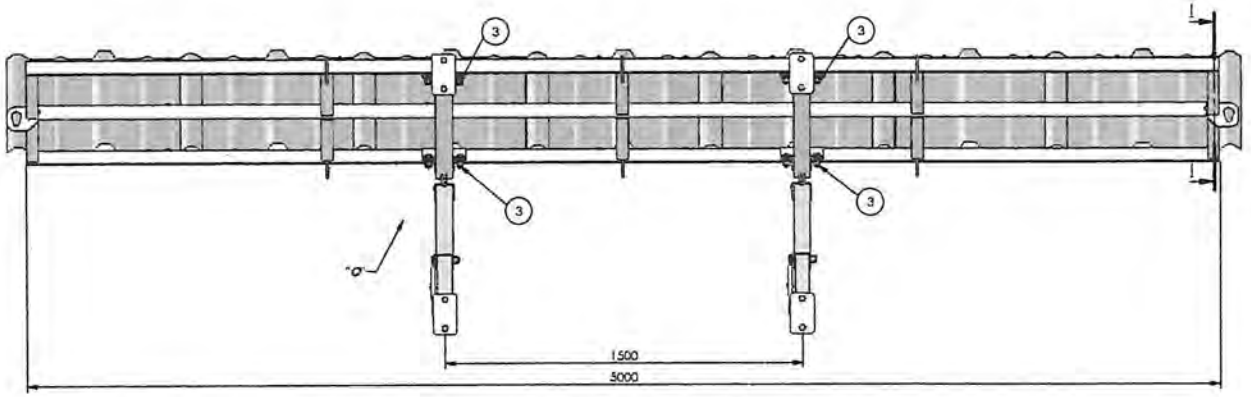


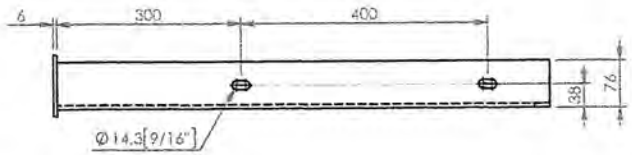
DETALLE G
Sujeción tejado cubierta

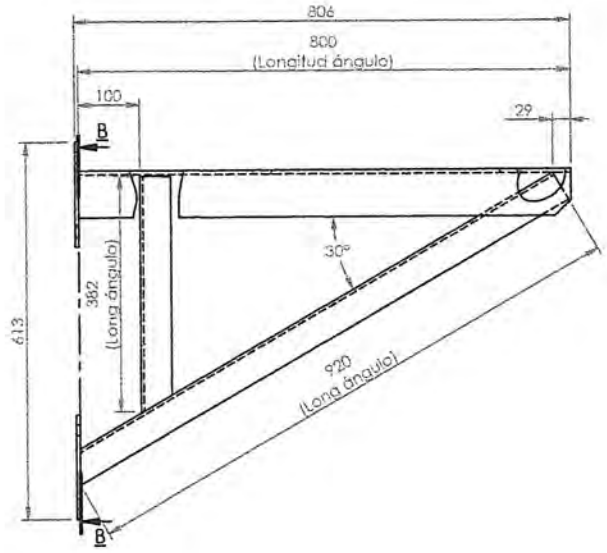


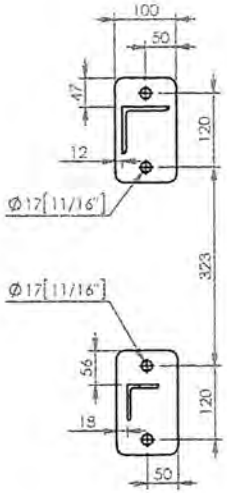


VISTO POR O
sujeción soporte tejas

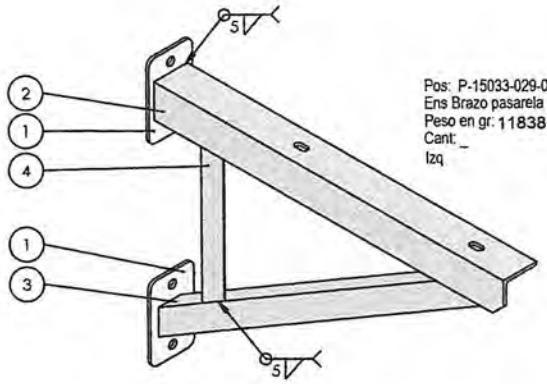




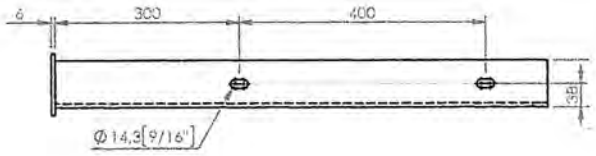


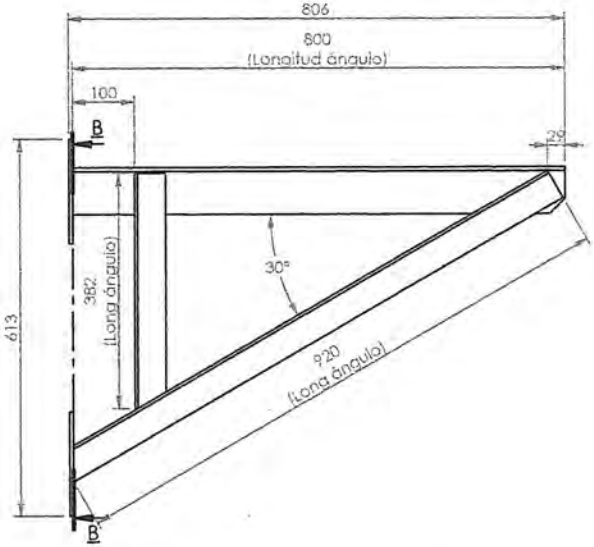


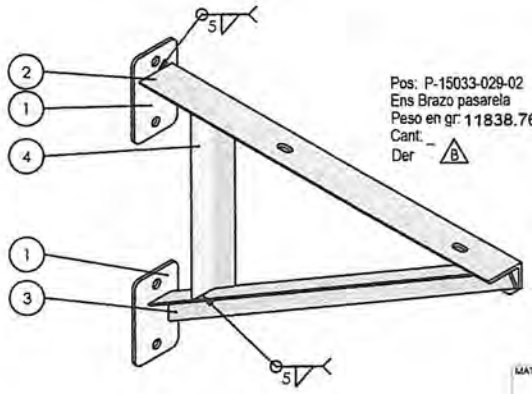
SECCIÓN B-B
Ubicacación platinas
de sujeción



Pos: P-15033-029-01
Ens Brazo pasarela
Peso en gr: 11838.72
Cant: _
Izq



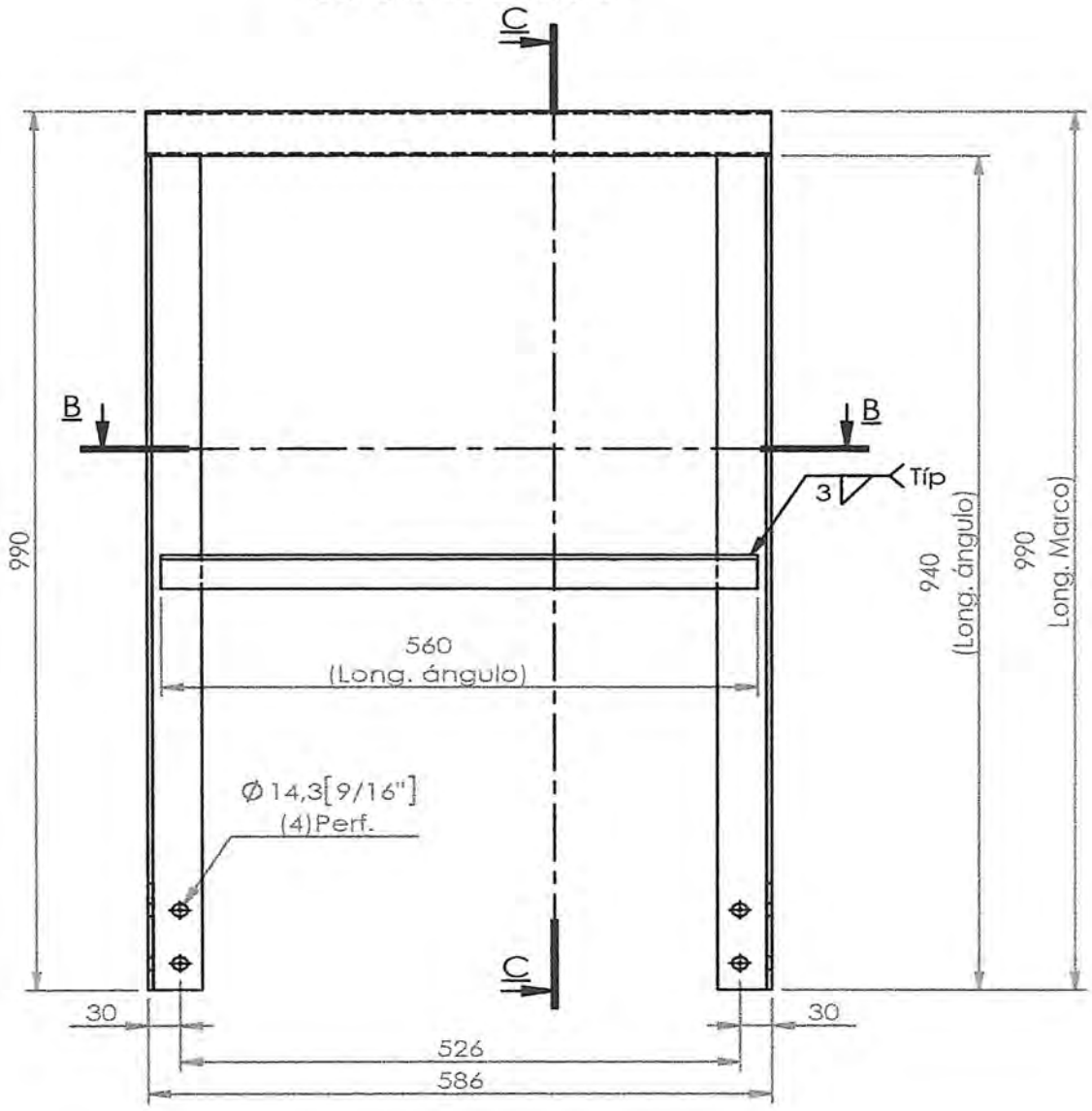


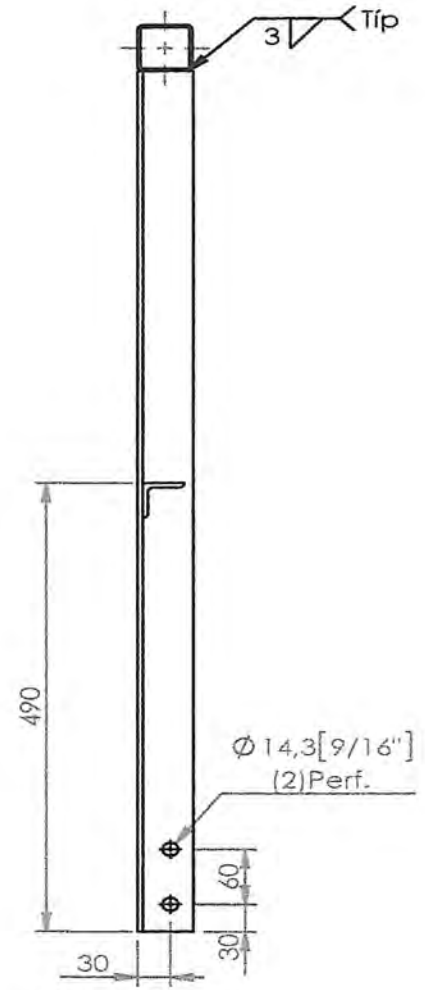


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Ens Brazo pasarela
Peso en gr: 11838.76
Cant: _
Der B

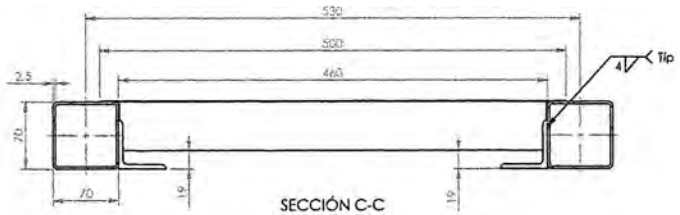
MATERIAL

Detalle soldadura

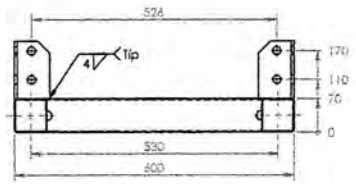




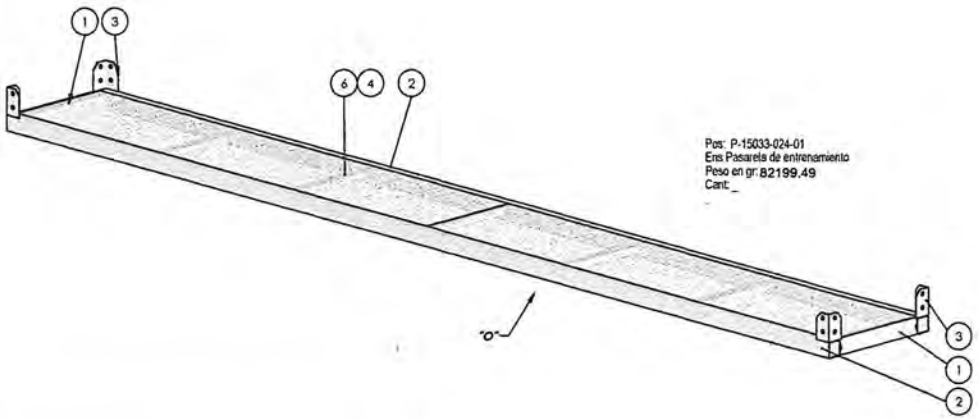
SECCIÓN C-C
Ubicación ángulo

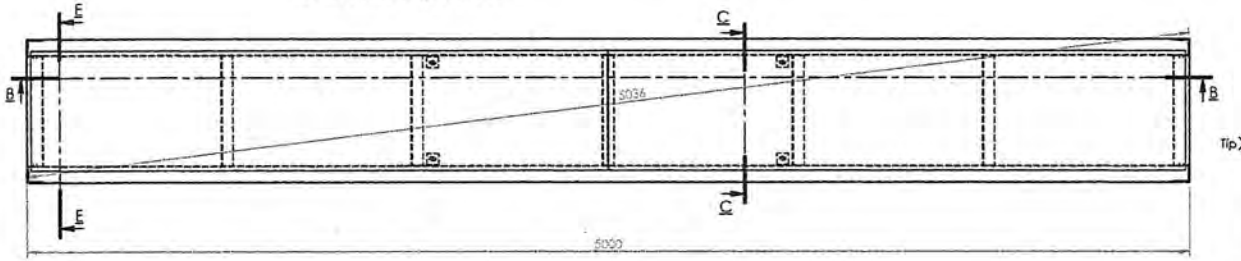


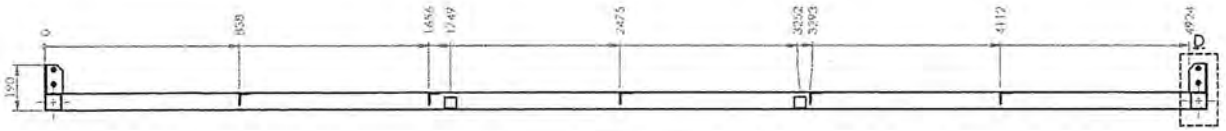
SECCIÓN C-C
Ubicación tubo
con ángulo



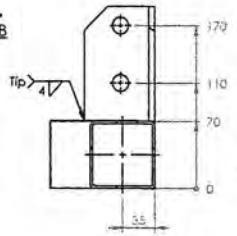
SECCIÓN E-E
Dimensiones ángulo y tubo



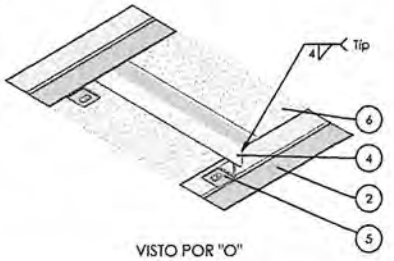




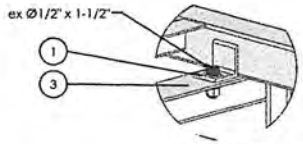
SECCIÓN B-B
Ubicación ángulo plataforma



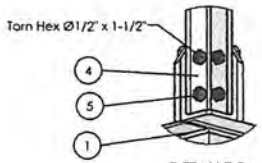
DETALLE D
Detalle soldadura



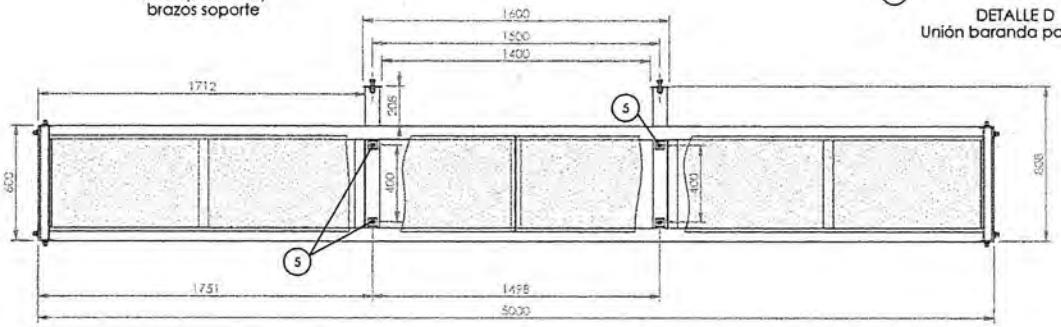
VISTO POR "O"

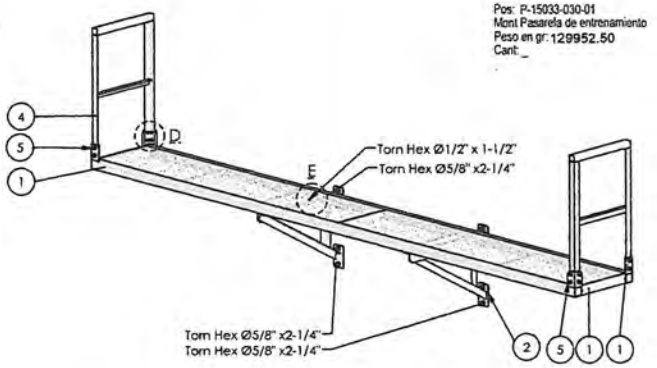


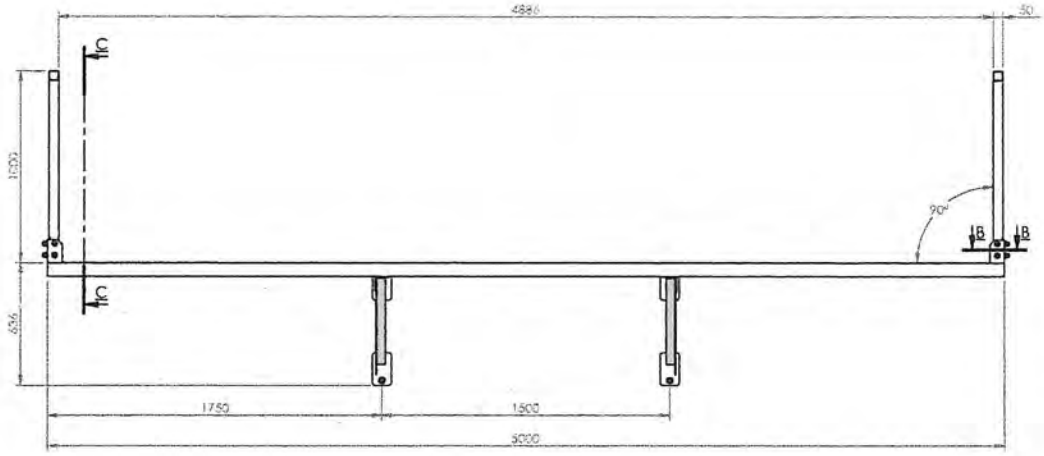
DETALLE E
Unión pasarela y brazos soporte

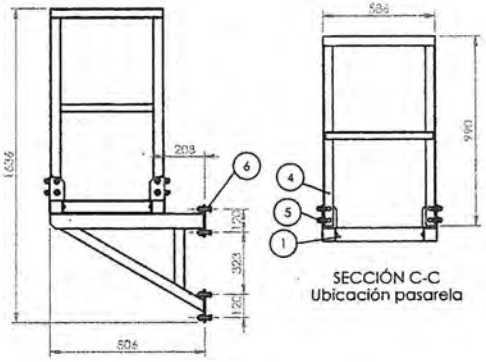


DETALLE D
Unión baranda pasarela

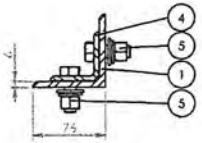




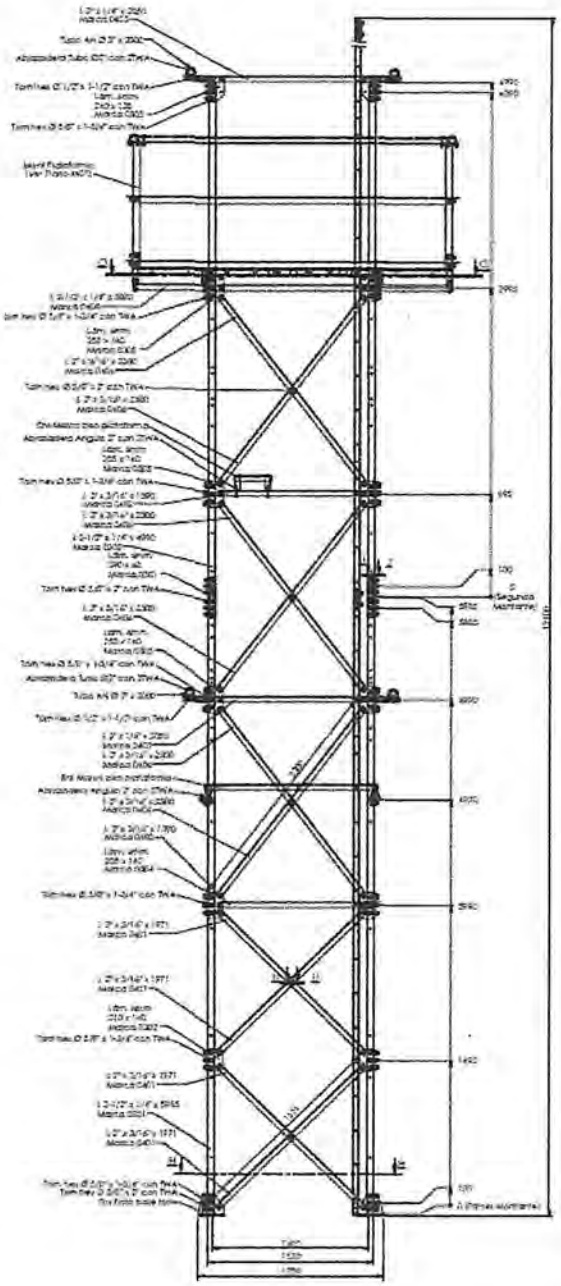


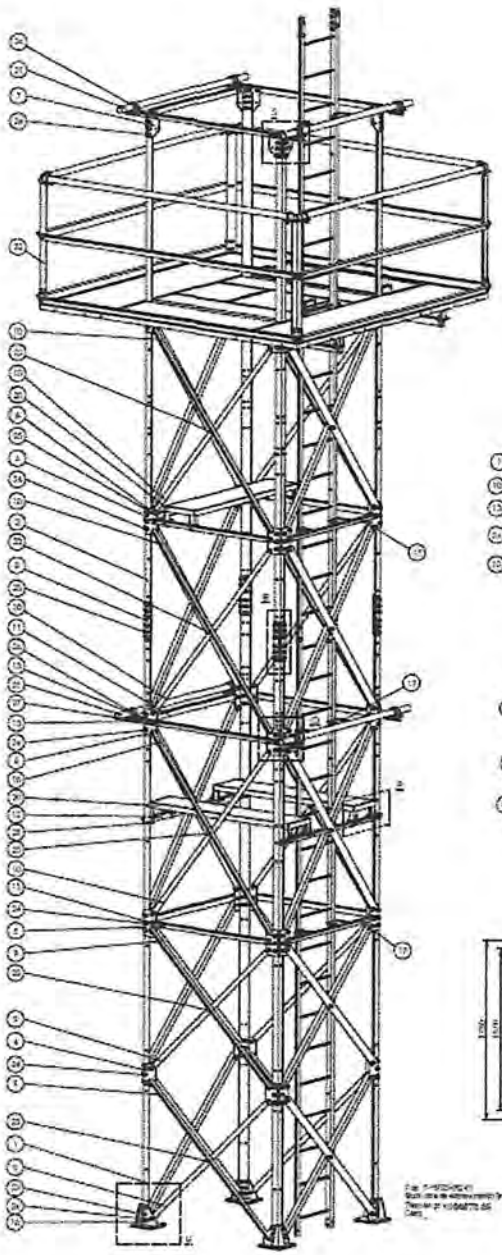


SECCIÓN C-C
Ubicación pasarela

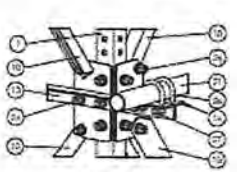


SECCIÓN B-B
Tornillería de unión pasarela

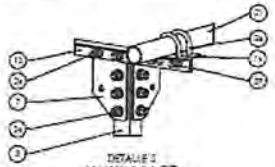




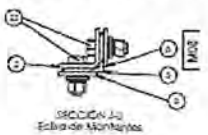
Item	Observaciones	Configuración	Nombre	Presentación	Longitud	Ancho	Peso/pieza	Pzas	Cant.
1	Montaje 02D1	P-1502D1-M2D01	Montante torre 9m	L 2-1/2" x 1/4"	5965	-	-	P01	4
2	Montaje 02D2	P-1502D1-M2D02	Tubo montante torre 9m	L 2-1/2" x 1/4"	3980	-	-	P01	4
3	Montaje 02D3	P-1502D1-M2D03	Montante torre 9m	L 2-1/2" x 1/4"	6990	-	-	P01	4
4	Montaje 02D5	P-1502D1-M2D05	Placa empalme y diafragma celosía	10mm	270	190	4	P05	8
5	Montaje 02D6	P-1502D1-M2D06	Placa empalme y diafragma celosía	10mm	265	140	4	P03	8
6	Montaje 02D5	P-1502D1-M2D12	Placa empalme y diafragma celosía	10mm	265	140	4	P03	24
7	Montaje 02D3	P-1502D1-M2D13	Placa empalme y diafragma celosía	10mm	240	125	4	P01	8
8	Montaje 02D1	P-1502D1-M2D15	Placa empalme y diafragma celosía	10mm	382	60	4	P05	8
9	Montaje 04D1	P-1501D1-M4D01	Angulo celosía torre 9m	L 2" x 3/16"	5971	-	-	P04	16
10	Montaje 04D4	P-1501D1-M4D04	Angulo celosía torre 9m	L 2" x 3/16"	2491	-	-	P04	24
11	Montaje 04D5	P-1501D1-M4D05	Angulo celosía torre 9m	L 2" x 3/16"	1990	-	-	P04	12
12	Montaje 04D6	P-1501D1-M4D06	Angulo celosía torre 9m	L 2" x 3/16"	1330	-	-	P04	12
13	Montaje 04D3	P-1501D1-M4D03	Angulo celosía torre 9m	L 2" x 1/4"	3020	-	-	P04	4
14	Montaje 04D5	P-1502D1-M4D05	Angulo celosía torre 9m	L 2" x 1/4"	370	-	-	P04	12
15	Montaje 04D5	P-1502D1-M4D08	Angulo estructura plataforma	L 2-1/2" x 1/4"	5999	-	-	P04	8
16	-	P-4210D1-M2D02	Abrazadera cuadrada 21.7mm Columna	10mm	320	150	4	P06	20
17	-	P-1502D1-M2D01	Orificio de escalera 9m	-	-	-	-	P07	12
18	-	P-1502D1-M2D11	Pin Para tubo hoja	-	-	-	-	P08	4
19	-	P-1501D1-M2D11	Dimensiones exteriores de escalera	-	-	-	-	P05	6
20	-	P-1502D1-M2D08	Pin sujeta piso plataforma	-	-	-	-	P01	8
21	-	Tubo40	Tubo Ant Ø 2" x 3000 mm	Tubo 4x4 Ø 2"	2000	-	-	P01	4
22	-	P-1502D1-M2D01	Hoja Plataforma	-	-	-	-	M07	1
23	-	P-1521S-04	Tuerca Ø 5/8" x 2" con TRA	-	-	-	-	C	92
24	-	P-1521S-13	Tuerca Ø 5/8" x 9-1/4" con TRA	-	-	-	-	C	264
25	-	P-1521S-01	Arandela Angular 2" con TRA	-	-	-	-	C	92
26	cons	P-1521S-01	Abrazadera Tubo 2" con TRA	-	-	-	-	C	16
27	-	P-1521S-02	Tuerca Ø 5/8" x 1-1/2" con TRA	-	-	-	-	C	16



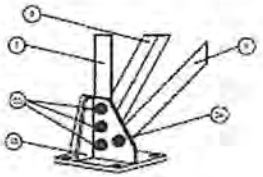
DETALLE Q
Montaje tubo 02" en horizontal



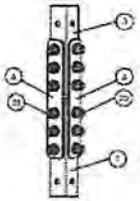
DETALLE I
Montaje tubo 02" en horizontal



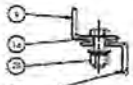
SECCION J-J
Eclisa de Montantes



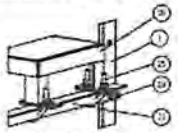
DETALLE V
Montaje para torre



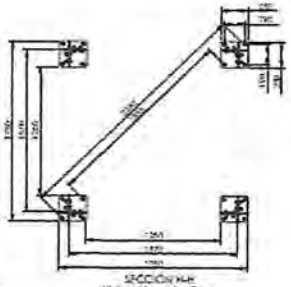
DETALLE R
Eclisa de Montantes



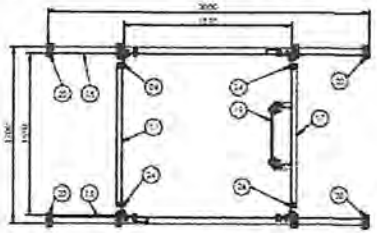
SECCION M-M
Arandela en Diagonales



DETALLE P
Montaje piso de descanso



SECCION K-K
Ubicación patas Base



SECCION O-O
Apoyo de plataforma