

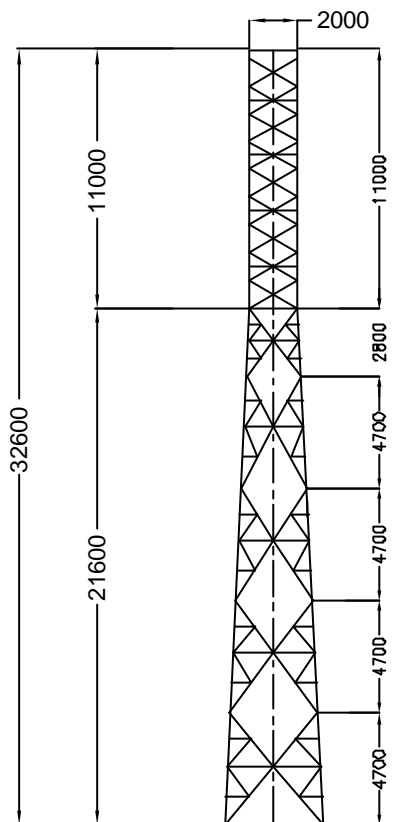


PROGRAMA DE FABRICACION

Proyecto:	TORRES AUTOSOPORTADAS - MONOPOSTES
Localidad:	
Obra:	
Ubicación:	

<i>Editado por:</i>	<i>Revisado por:</i>	<i>Aprobado por:</i>
<i>Firma:</i>	<i>Firma:</i>	<i>Firma:</i>
<i>Fecha:</i>	<i>Fecha:</i>	<i>Fecha:</i>

Documento		Página



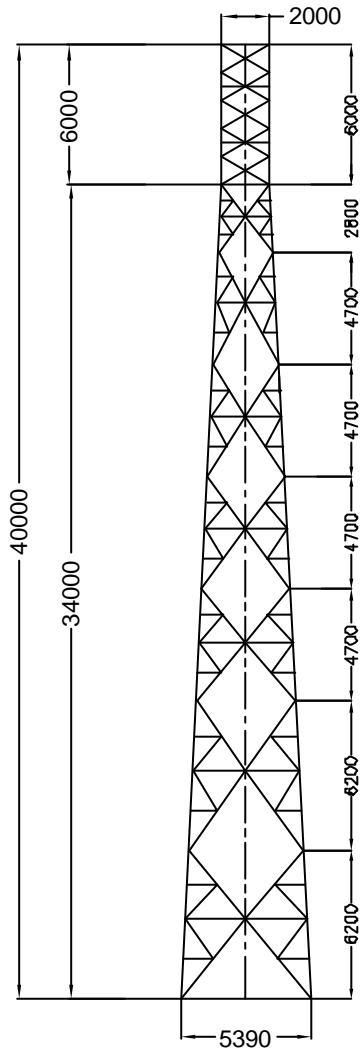
6 Ø5/8"	8 Ø5/8"	10 Ø5/8"	BULONES UNION TRAMO			
1 Ø1/2"	1 Ø5/8"		BULONES TRAVES.			
1 Ø1/2"	1 Ø5/8"		BULONES DIAG.			
L44x4.8	L64x4.8		TRAVESAÑOS			
L44x4.8	L64x4.8		DIAGONALES			
<180x6.4	<210x8	<260x8	<260x9.5	<290x9.5	MONTANTES	
6	5	4	3	2	1	TRAMOS

PESO DE LA ESTRUCTURA: 4300 Kg
 LA TORRE SE ENTREGA GALVANIZADA POR
 INMERSION EN ZINC FUNDIDO



TORRE TRIANGULAR H: 30m

ELEVACION GENERAL



6 Ø5/8"	8 Ø5/8"	10 Ø5/8"	10 Ø3/4"	BULONES UNION TRAMO				
1 Ø1/2"	1 Ø5/8"	2 Ø5/8"	2 Ø5/8"	BULONES TRAVES.				
1 Ø1/2"	1 Ø5/8"	2 Ø5/8"	2 Ø5/8"	BULONES DIAG.				
L44x4.8	L64x4.8	L64x4.8	L76x6.4	TRAVESAÑOS				
L44x4.8	L64x4.8	L64x6.4	L64x6.4	DIAGONALES				
<180x6.4	<210x8	<260x8	<260x9.5	<290x9.5	<330x9.5	<370x9.5	MONTANTES	
8	7	6	5	4	3	2	1	TRAMOS

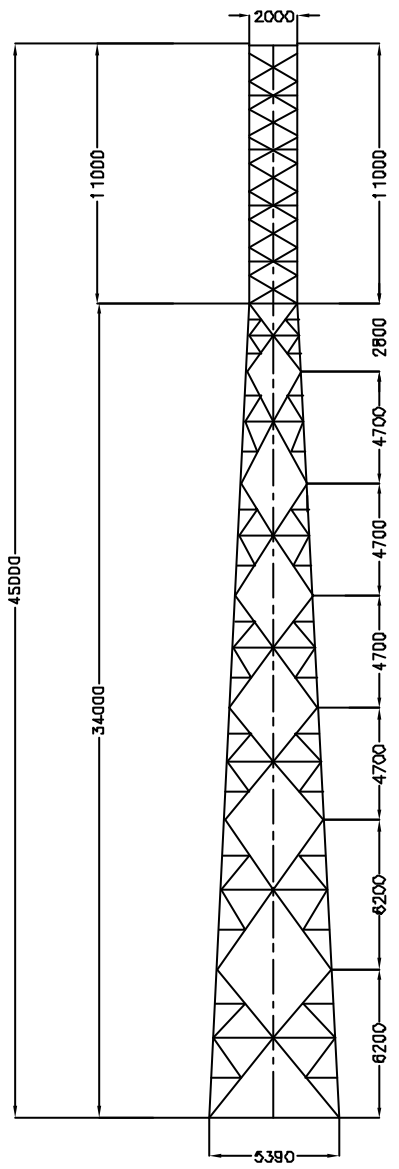
PESO DE LA ESTRUCTURA: 7000 Kg
 LA TORRE SE ENTREGA GALVANIZADA POR
 INMERSION EN ZINC FUNDIDO



TORRE TRIANGULAR H: 40m

ELEVACION GENERAL

6 Ø5/8"	8 Ø5/8"	10 Ø5/8"	10 Ø3/4"	BULONES UNION TRAMO				
1 Ø1/2"	1 Ø5/8"	2 Ø5/8"	2 Ø5/8"	BULONES TRAVES.				
1 Ø1/2"	1 Ø5/8"	2 Ø5/8"	2 Ø5/8"	BULONES DIAG.				
L44x4.8	L64x4.8	L64x4.8	L76x6.4	TRAVESAÑOS				
L44x4.8	L64x4.8	L64x6.4	L64x6.4	DIAGONALES				
<180x6.4	<210x8	<260x8	<260x9.5	<290x9.5	<330x9.5	<370x9.5	MONTANTES	
8	7	6	5	4	3	2	1	TRAMOS



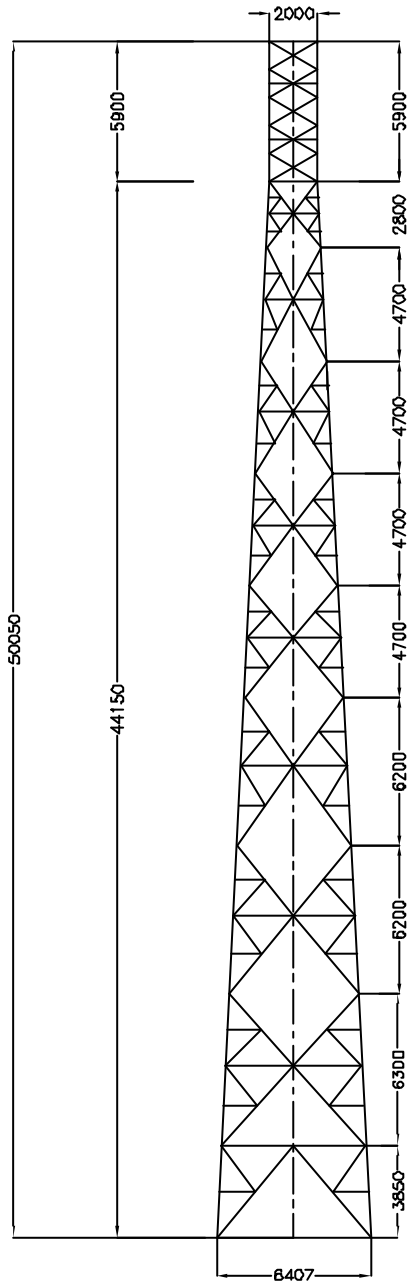
PESO DE LA ESTRUCTURA: 7300 Kg
 LA TORRE SE ENTREGA GALVANIZADA POR
 INMERSION EN ZINC FUNDIDO.



TORRE TRIANGULAR H: 45m

ELEVACION GENERAL

6 Ø5/8"	8 Ø5/8"	10 Ø5/8"	10 Ø3/4"	10 Ø7/8"	BULONES UNION TRAMO					
	1 Ø5/8"	2 Ø5/8"			BULONES TRAVES.					
	1 Ø5/8"	2 Ø5/8"			BULONES DIAG.					
L44x4.8	L57x4.8		L76x6.4		TRAVESAÑOS					
L44x4.8	L64x4.8	L64x6.4	L76x6.4	L76x6.4	DIAGONALES					
<180x6.4	<210x8	<210x8	<260x8	<290x9.5	<330x9.5	<370x9.5	<410x9.5	<450x9.5	MONTANTES	
8	7	6	5	4	3	2	1	0	00	TRAMOS



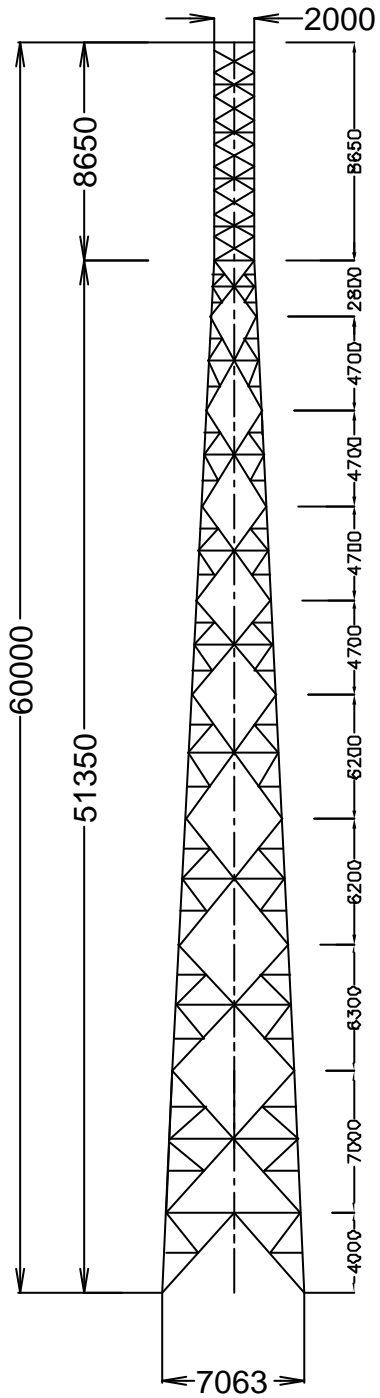
PESO DE LA ESTRUCTURA: 9300 Kg
 LA TORRE SE ENTREGA GALVANIZADA POR
 INMERSION EN ZINC FUNDIDO



TORRE TRIANGULAR H: 50m

ELEVACION GENERAL

6 Ø5/8"	8 Ø5/8"	10 Ø5/8"	10 Ø3/4"	10 Ø7/8"	BULONES UNION TRAMO						
	1 Ø5/8"			2 Ø5/8"	BULONES TRAVES.						
	1 Ø5/8"			2 Ø5/8"	BULONES DIAG.						
L44x4.8		L57x4.8		L76x6.4	TRAVESAÑOS						
L44x4.8		L64x4.8	L64x6.4	L76x6.4	DIAGONALES						
<180x6.4	<210x8	<260x8	<260x9.5	<290x9.5	<330x9.5	<370x9.5	<410x9.5	<450x9.5	<450x12.7	MONTANTES	
10	9	8	7	6	5	4	3	2	1	0	TRAMOS

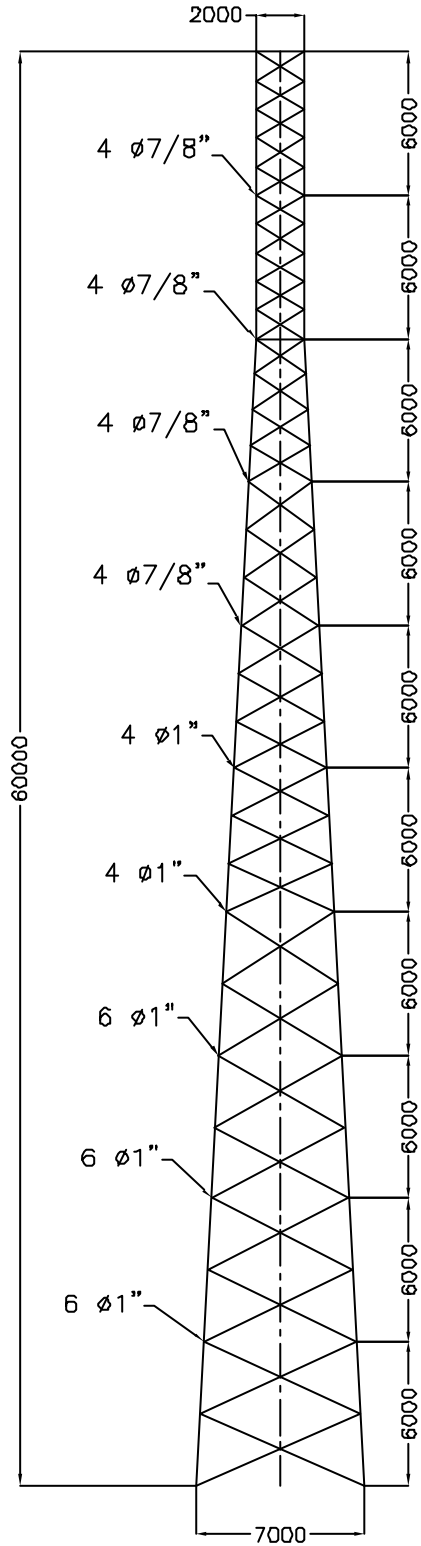


PESO DE LA ESTRUCTURA: 12500 Kg
 LA TORRE SE ENTREGA GALVANIZADA POR
 INMERSION EN ZINC FUNDIDO



TORRE TRIANGULAR H: 60m

ELEVACION GENERAL



PESO DE LA ESTRUCTURA: 9000 Kg
 LA TORRE SE ENTREGA GALVANIZADA POR
 INMERSION EN ZINC FUNDIDO.

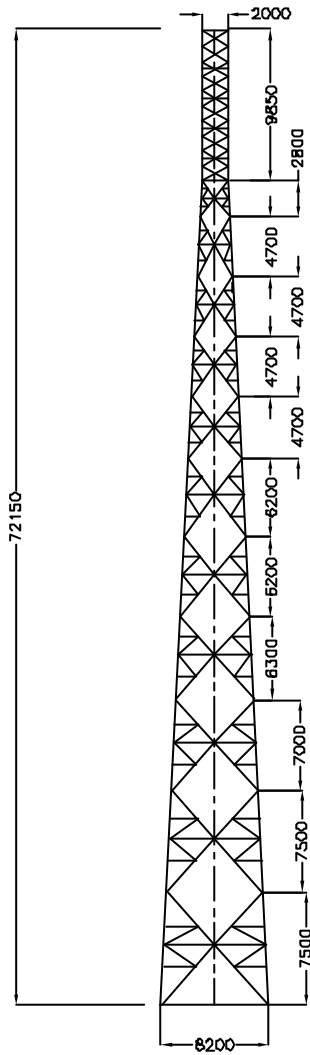
4 Ø7/8"	4 Ø7/8"	4 Ø7/8"	4 Ø7/8"	4 Ø7/8"	4 Ø1"	4 Ø1"	6 Ø1"	6 Ø1"	6 Ø1"	6 Ø1"	6 Ø1"	6 Ø1"	6 Ø1"	6 Ø1"	6 Ø1"	6 Ø1"	6 Ø1"	6 Ø1"	6 Ø1"	6 Ø1"	BULONES UNION TRAMO
1 Ø1/2"	1 Ø1/2"	1 Ø1/2"	1 Ø1/2"	1 Ø1/2"	1 Ø5/8"	1 Ø5/8"	1 Ø3/4"	1 Ø3/4"	1 Ø3/4"	1 Ø3/4"	1 Ø3/4"	1 Ø3/4"	1 Ø3/4"	1 Ø3/4"	1 Ø3/4"	1 Ø3/4"	1 Ø3/4"	1 Ø3/4"	1 Ø3/4"	1 Ø3/4"	BULONES DIAG.
L44x4.8	L44x4.8	L44x4.8	L51x4.8	L64x4.8	L64x4.8	L76x4.8	L89x6.4	L89x6.4	L89x6.4	L89x6.4	L89x6.4	L89x6.4	L89x6.4	L89x6.4	L89x6.4	L89x6.4	L89x6.4	L89x6.4	L89x6.4	L89x6.4	DIAGONALES
Ø3" (e:3.65)	Ø3" (e:3.65)	Ø4" (e:3.96)	Ø4" (e:6.02)	Ø4" (e:6.02)	Ø6" (e:4.8)	Ø6" (e:5.56)	Ø6" (e:7.11)	Ø8" (e:5.56)	Ø8" (e:5.56)	Ø8" (e:5.56)	Ø8" (e:5.56)	Ø8" (e:5.56)	Ø8" (e:5.56)	Ø8" (e:5.56)	Ø8" (e:5.56)	Ø8" (e:5.56)	Ø8" (e:5.56)	Ø8" (e:5.56)	Ø8" (e:5.56)	Ø8" (e:5.56)	MONTANTES
10	9	8	7	6	5	4	3	2	1	TRAMOS											



TORRE TRIANGULAR H: 60m

ELEVACION GENERAL

1 Ø1 1/2"	1 Ø5/8"	2 Ø5/8"	2 Ø3/4"	BULON DIAGONALES								
6 Ø5/8"	8 Ø5/8"	10 Ø3/4"	10 Ø7/8"	BULON UNION TRAMOS								
L44x4.8	L64x4.8	L76x6.4	L89x8	TRAVESAÑOS								
L44x4.8	L64x4.8	L64x6.4	L76x6.4	DIAGONALES								
<180x6.4	<210x7.9	260x7.9	260x9.5	290x9.5	330x9.5	370x9.5	410x9.5	450x9.5	<450x12.7	<500x12.7	MONTANTES	
12	11	10	9	8	7	6	5	4	3	2	1	TRAMOS



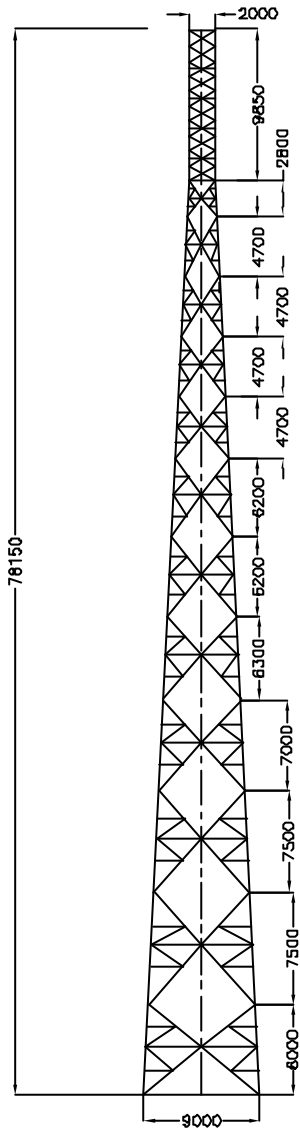
PESO DE LA ESTRUCTURA: 18000 Kg
 LA TORRE SE ENTREGA GALVANIZADA POR
 INMERSION EN ZINC FUNDIDO



TORRE TRIANGULAR H: 72m

ELEVACION GENERAL

1 Ø1 1/2"	1 Ø5/8"	2 Ø5/8"	2 Ø3/4"	BULON DIAGONALES									
6 Ø5/8"	8 Ø5/8"	10 Ø3/4"	10 Ø7/8"	BULON UNION TRAMOS									
L44x4.8	L57x4.8	L76x6.4	L89x8	TRAVESAÑOS									
L44x4.8	L64x4.8	L64x6.4	L76x6.4	DIAGONALES									
<180x6.4	<210x7.9	260x7.9	260x9.5	290x9.5	330x9.5	370x9.5	410x9.5	450x9.5	<450x12.7	<500x12.7	<540x12.7	MONTANTES	
12	11	10	9	8	7	6	5	4	3	2	1	0	TRAMOS



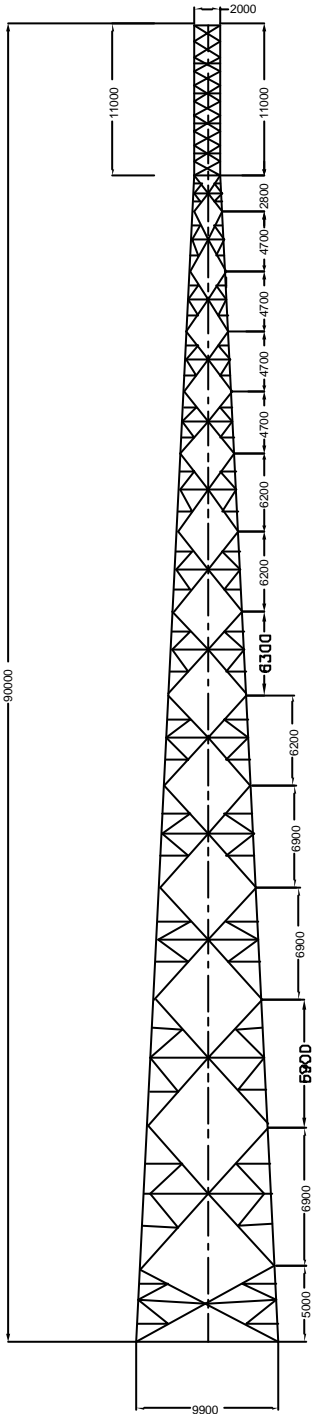
PESO DE LA ESTRUCTURA: 20500 Kg
 LA TORRE SE ENTREGA GALVANIZADA POR
 INMERSION EN ZINC FUNDIDO



TORRE TRIANGULAR H: 78m

ELEVACION GENERAL

1 Ø1/2"		1 Ø5/8"		2 Ø5/8"		BULON DIAGONALES	
6 Ø5/8"	8 Ø5/8"	10 Ø5/8"	10 Ø3/4"	10 Ø7/8"	10 Ø1"	BULON UNION TRAMOS	
L44x4.8	L64x4.8		L76x6.4	L89x6.4	L101x6.4	L101x6.4	TRAVESAÑOS
L51x4.8	L64x4.8	L76x6.4	L89x6.4	L89x7.9	L101x7.9	L101x9.5	DIAGONALES
<180x7.9	<210x7.9	260x7.9	260x9.5	300x9.5	330x12.7	370x12.7	L101x7.9
15	14	13	12	11	10	9	MONTANTES
							TRAMOS



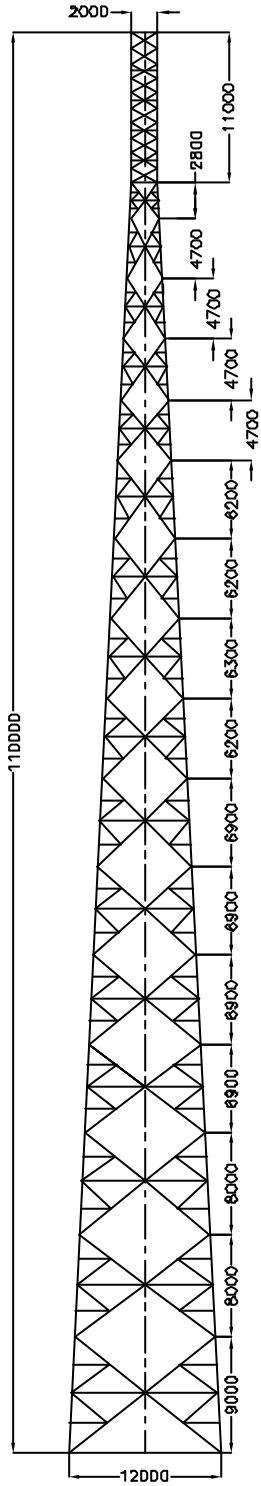
PESO DE LA ESTRUCTURA: 26000 Kg
 LA TORRE SE ENTREGA GALVANIZADA POR
 INMERSION EN ZINC FUNDIDO.



TORRE TRIANGULAR H: 90m

ELEVACION GENERAL

1 Ø5/8"		2 Ø5/8"			2 Ø3/4"			3 Ø3/4"			BULON DIAGONALES						
6 Ø3/4"	8 Ø3/4"	10 Ø3/4"	10 Ø1"	12 Ø1"	12 Ø1 1/4"	BULON UNION TRAMOS											
L64x6.4	L64x4.8			L89x6.4			2 L76x6.4			TRAVESAÑOS							
L64x6.4	L51x4.8	L64x4.8	L76x6.4	L89x6.4	L101x6.4	L101x7.9	2 L76x6.4	2 L89x6.4	DIAGONALES								
<180x7.9	<220x9.5	260x9.5	280x12.7	300x12.7	330x12.7	370x12.7	410x12.7	<450x12.7	<500x12.7	<540x15.9	MONTANTES						
17	16	15	14	13	12	11	10	9	8	7	6	5	4	3	2	1	TRAMOS

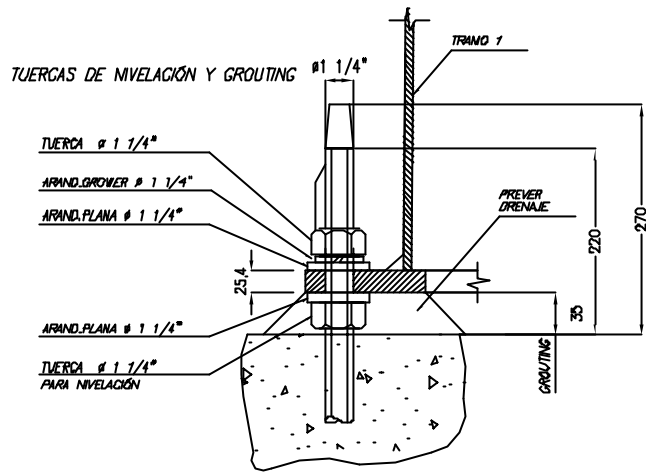
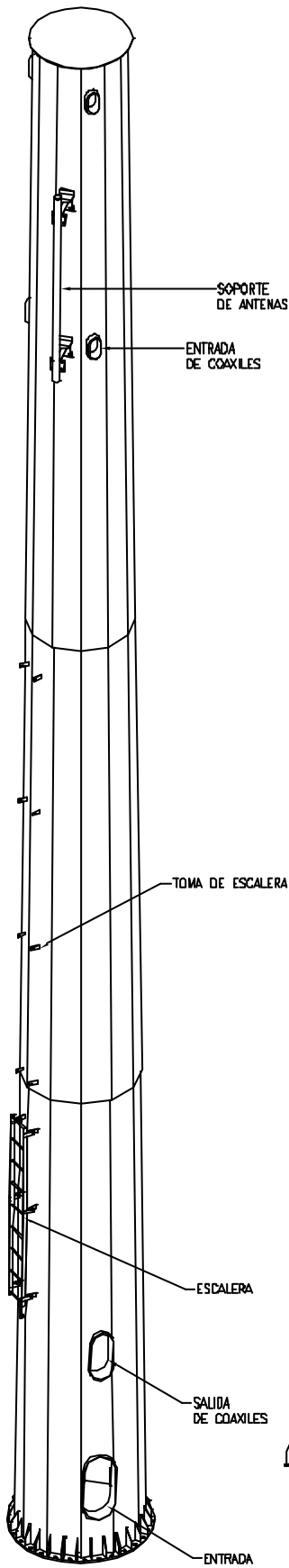


PESO DE LA ESTRUCTURA: 55000 Kg
 LA TORRE SE ENTREGA GALVANIZADA POR
 INMERSION EN ZINC FUNDIDO

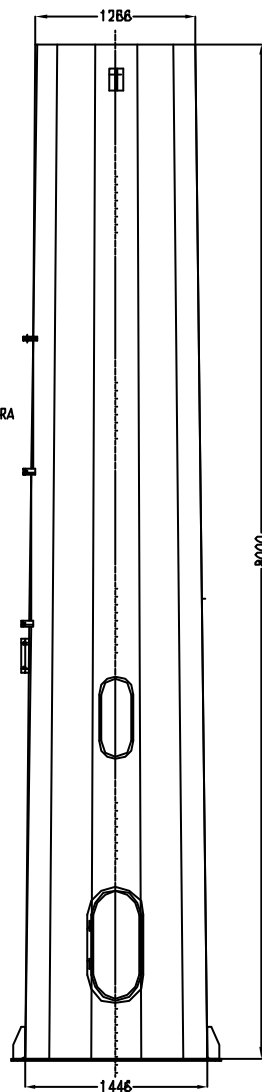


TORRE CUADRANGULAR H: 110m

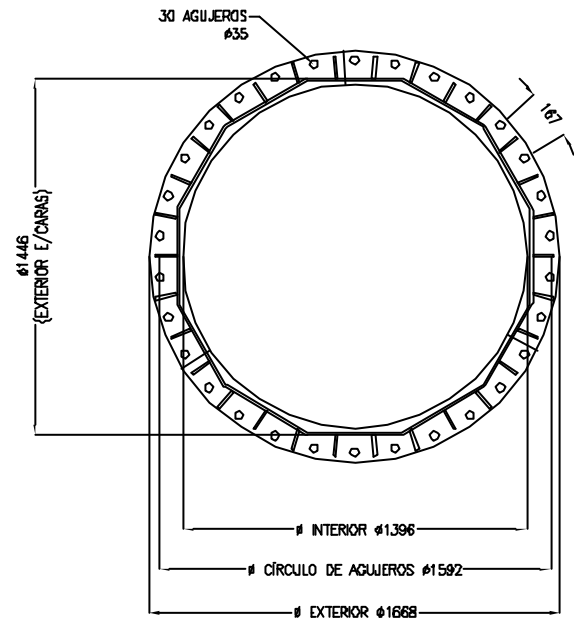
ELEVACION GENERAL



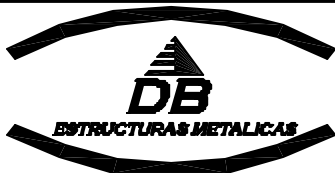
DETALLE APOYO



TRAMO 1



DETALLE DE BRIDA



MONOPOSTE DE EMBONE H: 42m

DETALLE DE TRAMO