

			PARTS LIST			
POS	QTY	PART NAME	FILE NAME	PART TYPE	SPECIFICATIONS	SHEET
A1	1	3D views	ygh_hts_A1-wind-turbine.iam			1
A1	1	3D views	ygh_hts_A1-wind-turbine.iam			2
A2	1	Exploded 3D view				3
B1		Parts list				4
B2		Parts list	ygh_hts_A1-wind-turbine.xls			5
C1		Technical notes				6
1.0	1	Propelle	ygh_hts_propeller			7
1.0	1	Propeller	ygh_hts_propeller.ipn	Production		8
1.2	3	Turbine blade	ygh_hts_turbine-blade.ipt	Production	pipe D:110 cllipped, PVC	9
1.3	1	Turbine sheet	ygh_hts_turbine-sheet.ipt	Production	thickness: 3,0 mm, Galvanized Steel	10
1.4	12	Bolt allen propeller	ygh_hts_bolt-allen-M4x10.ipt	Standard	Bolt allen propeller, DIN-912	
1.5	12	Nut propeller	ygh_hts_nutM4.ipt	Standard	Nut propeller, DIN-934	
2.0	1	Body	ygh_hts_Body.iam			11
2.0	1	Body Dynamo	ygh_hts_Body.ipn			12
2.1	1	Pipe body	ygh_hts_pipe-body.ipt	Production	pipe D:76, PVC	13
2.2	1	Pipe plug body	ygh_hts_pipe-plug.ipt	Production	PVC	14
2.3	1	Dynamo	oho_wt_dynamo.ipt	Buy	Dynamo, Hub Dynamo DH-3N30-A 6V-3W	
2.4	1	Flap piping	ygh_hts_flap-piping.ipt	Production	PVC	15
2.5	1	Weathervane	ygh_hts_weathervane.ipt	Production	Galvanized Steel	16
2.6	4	Bolt allen body	ygh_hts_bolt-allen-M4x30.ipt	Standard	Bolt allen body, DIN-912	
2.7	4	Wood screw	ygh_hts_wood-screw-M4x10.ipt	Standard	Wood screw, DIN-7985	
2.8	1	Nut Dynamo	ygh_hts_nutM10	Standard	Nut Dynamo, DIN-934	
2.9	1	Tope nut dynamo	ygh_hts_tope-nutM10	Standard	Tope nut dynamo, DIN-934	
2.10	4	Nut body	ygh_hts_tope-nutM10.ipt	Standard	Nut body, DIN-934	
3.0	1	Support axel	ygh_hts_Support-axel.iam		·	17
3.0	1	Support axel	ygh_hts_Support-axel.iam			18
3.1	1	Tub axel vertical	ygh_hts_tube-axel-vertical.ipt	Production	Bronce	19
3.2	1	Rubber guide	ygh_hts_rubber-guide.ipt	Production	Rubber	20
3.3	1	Rubber buffer	ygh_hts_rubber-buffer.ipt	Production	Rubber	21
3.5	2	Washers	ygh_hts_washers.ipt	Standard	Washers, M20 DIN-9021, Galvanized Steel	
3.6	2	Washers rubber	ygh_hts_washers-rubber	Production	Rubber	22
			PROJECT	CREATE	TED BY APPROVED BY DATE V	VERSION

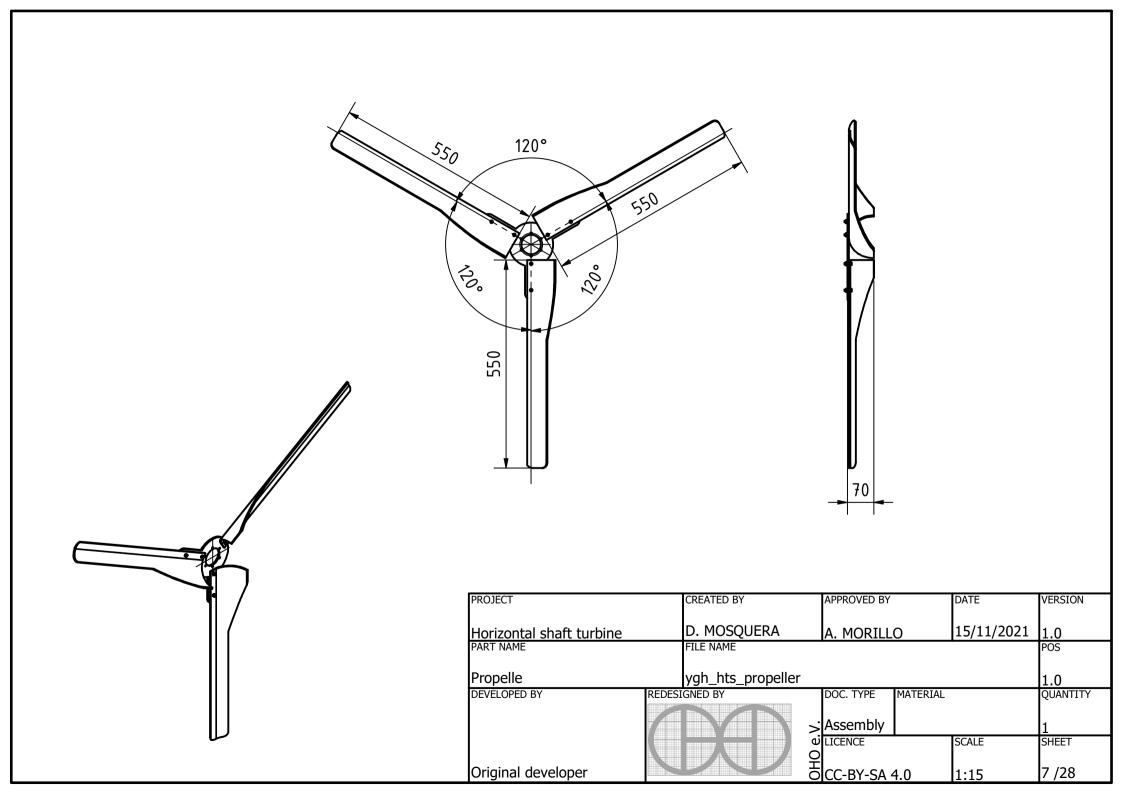
PROJECT	CF	REATED BY	APPROVED BY	•	DATE	VERSION
	.	. MOSQUERA	A MODILI	^	15/11/2021	I, ,
Horizontal shaft turbine			A. MORILL		13/11/2021	1.0
PART NAME	FI	ILE NAME				POS
Dauta liat						l <sub>D4</sub>
Parts list						B1
DEVELOPED BY	REDESIGN	NED BY	DOC. TYPE	MATERIAL		QUANTITY
	100					
	74					
			> Parts list			
			ULICENCE		SCALE	SHEET
			Ol .			
Original dovolonor			SCC-BY-SA	4.0		4 /20
Original developer	!!!!!!!!!!!b	.ad 1001001 1001001 bsad1 01110101	OLCC-BA-28	4.0		4 /28
			·			

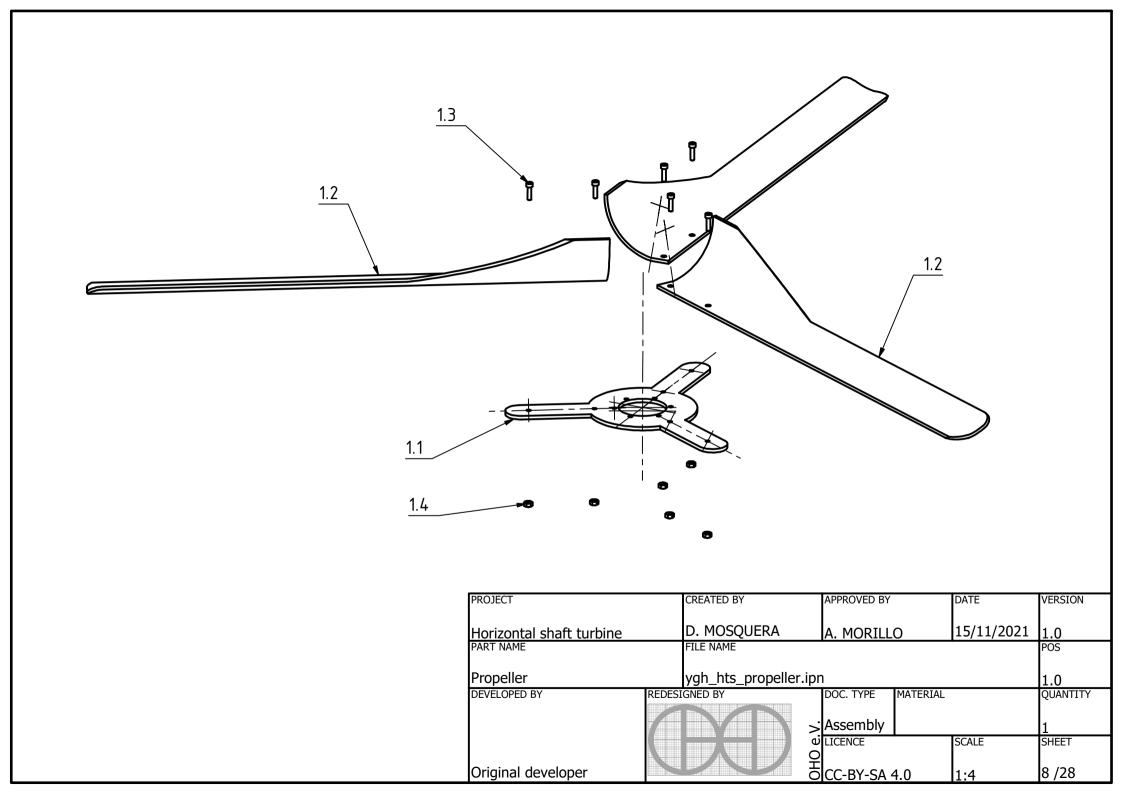
	PARTS LIST										
POS	QTY	PART NAME	FILE NAME	PART TYPE	SPECIFICATIONS	SHEET					
3.6	2	Washers rubber	ygh_hts_washers-rubber	Production	Rubber	22					
3.6	1	Pipe plug superior	ygh_hts_pipe-plug-superior.ipt	Production	PVC	23					
3.6	2	Pin	ygh_hts_pin.ipt	Standard	Pin, Galvanized Steel						
4.0	1	Main support	ygh_hts_main-support.iam			24					
4.0	1	Main support	ygh_hts_main-support.ipn			25					
4.1	2	Main support tube	ygh_hts_main-support-tube.ipt	Production	Schd 40, Galvanized Steel	26					
4.2	1	Ring tensor	ygh_hts_ring-tensor.ipt	Production	Galvanized Steel	27					
4.3	4	Soft wire	ygh_hts_cordel.ipt	Standard	Soft wire, #12 twisted ends, Steel						
4.4	4	Angle	ygh_hts_ angle.ipt	Production	L 25x25x4, Galvanized Steel	28					

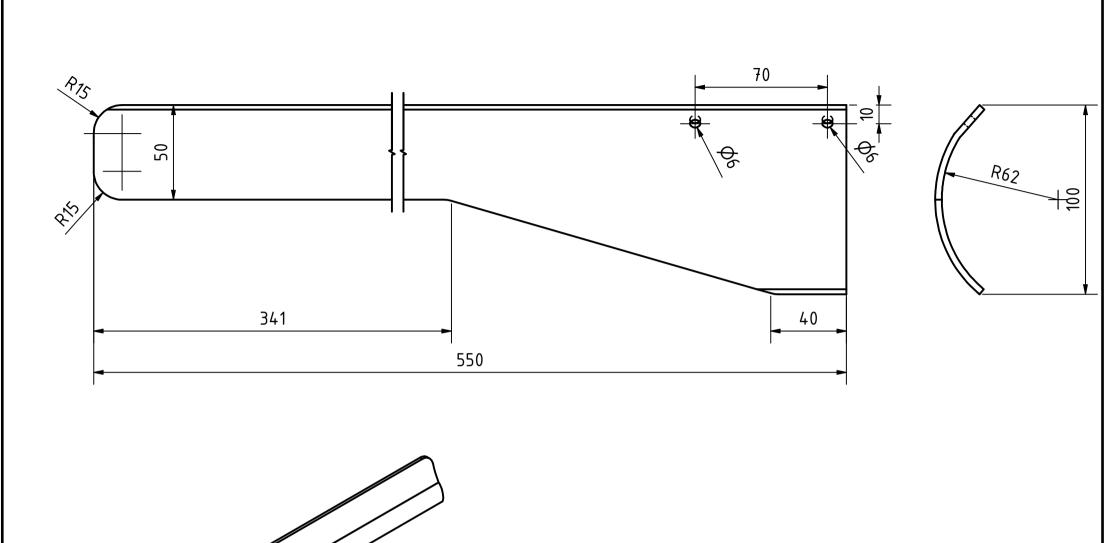
PROJECT	CREATED BY	APPROVED BY		DATE	VERSION
Horizontal shaft turbine		MOSQUERA A. MORILLO		15/11/2021	1.0
PART NAME	FILE NAME				POS
Parts list	ygh_hts_A1-wind-turl	bine.xls			B2
DEVELOPED BY REDES.	IGNED BY	DOC. TYPE M.	ATERIAL		QUANTITY
	>	Parts list			
	Ġ.	LICENCE		SCALE	SHEET
Original developer	OHO	CC-BY-SA 4.0	0		5 /28

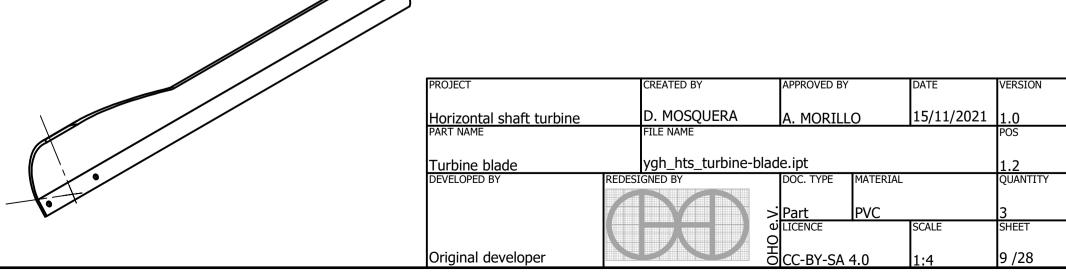
	TECHNICL NOTES							
NOTES CONTENT								
GENERAL NOTES								
	Iron structures should be painted to prevent rust and improve equipment life.							
	- Remove loose rust with a wire brush, sandpaper or chemical rust remover.							
Metal structure treatment	- If applicable, sand areas where paint is chipping until surface is smooth.							
	- Remove dust or oil with a degreaser or denatured alcohol.							
	- Prime surface to protect against rust and corrosion							
Mand two two arts	- The wood must be treated with pesticides and kiln-dried to ensure adequate humidity.							
Wood treatment	- Wood sealer should be applied for later use.							
	···							

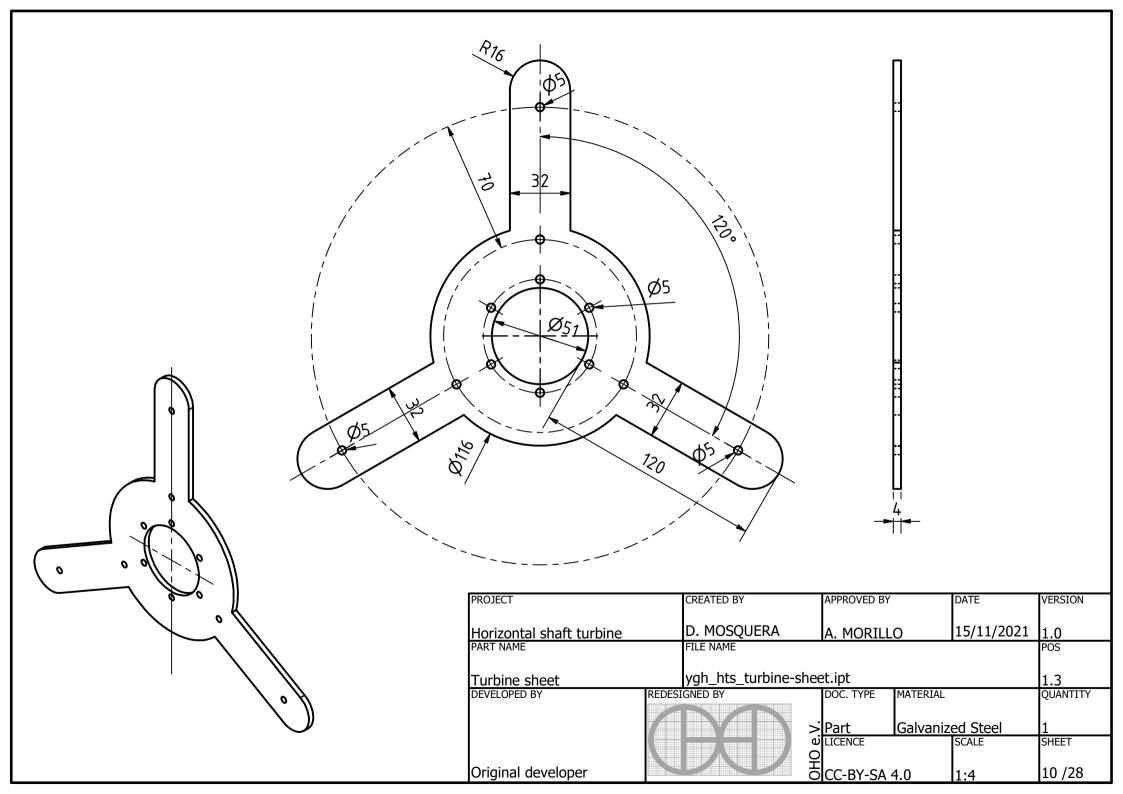
PROJECT		CREATED BY	APPROVED BY	Y	DATE	VERSION
Horizontal shaft turbine		D. MOSQUERA	A. MORIL	LO	15/11/2021	1.0
PART NAME		FILE NAME				POS
Technical notes						C1
DEVELOPED BY	REDES	GNED BY	DOC. TYPE	MATERIAL		QUANTITY
			Technical			
	7/4		> notes			
			LICENCE		SCALE	SHEET
			위			
Original developer			古CC-BY-SA	4.0		6 /28

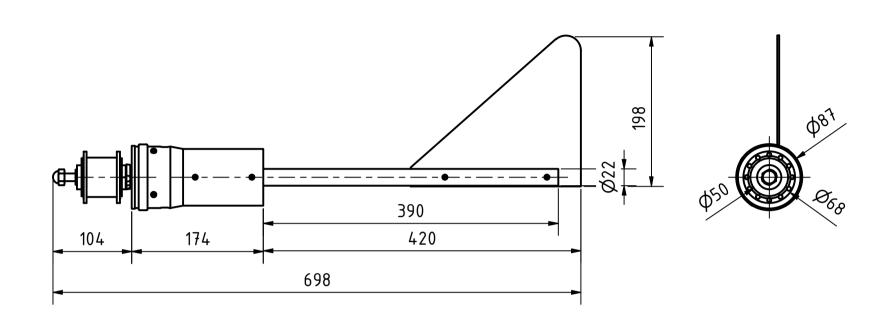


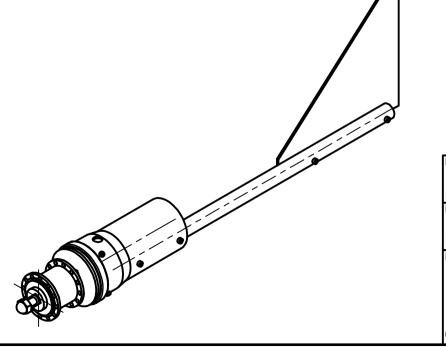




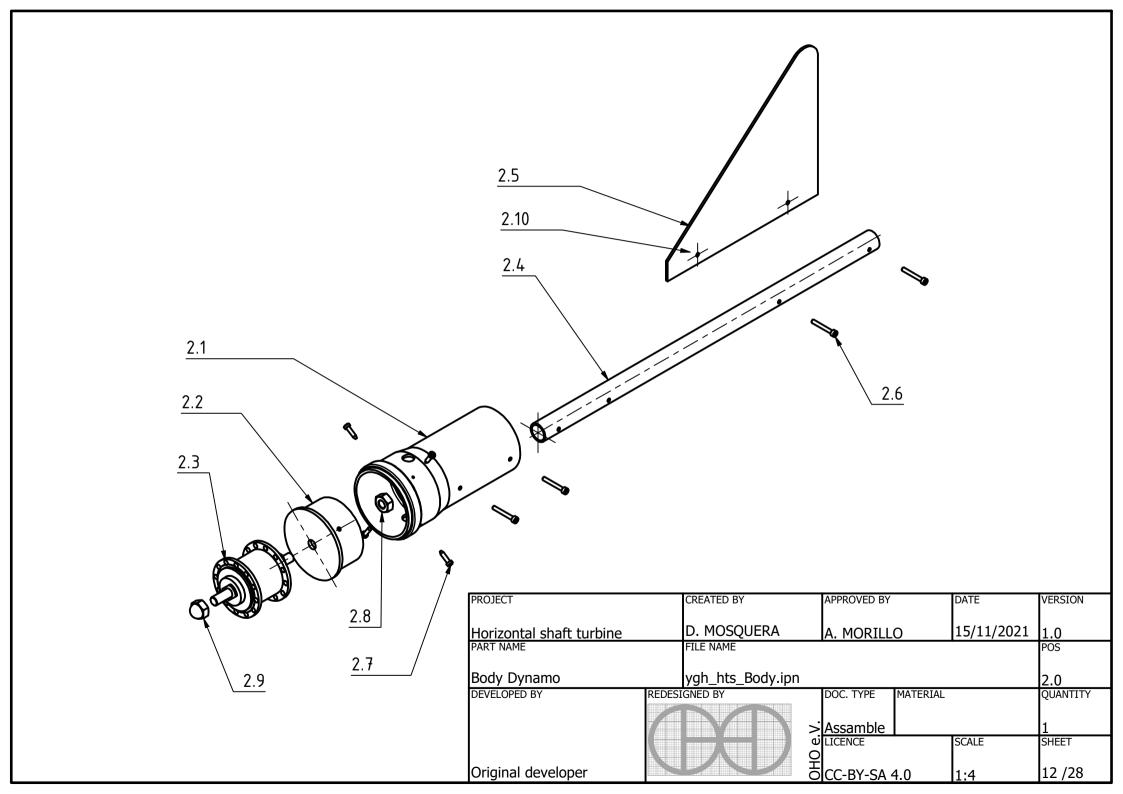


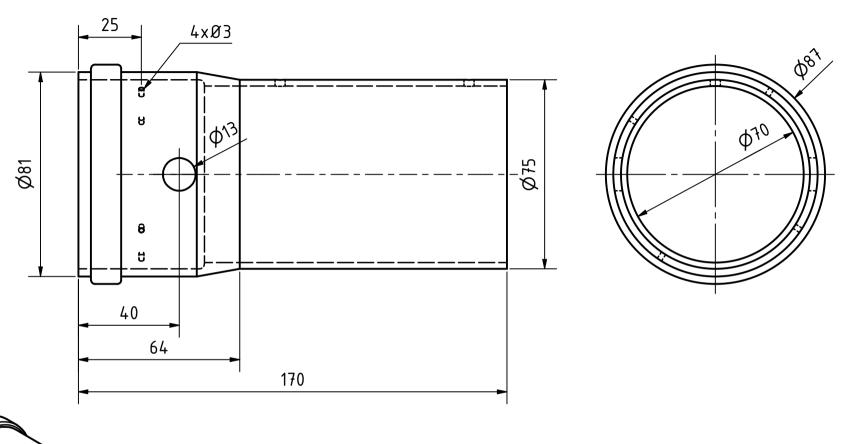


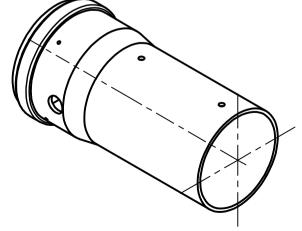




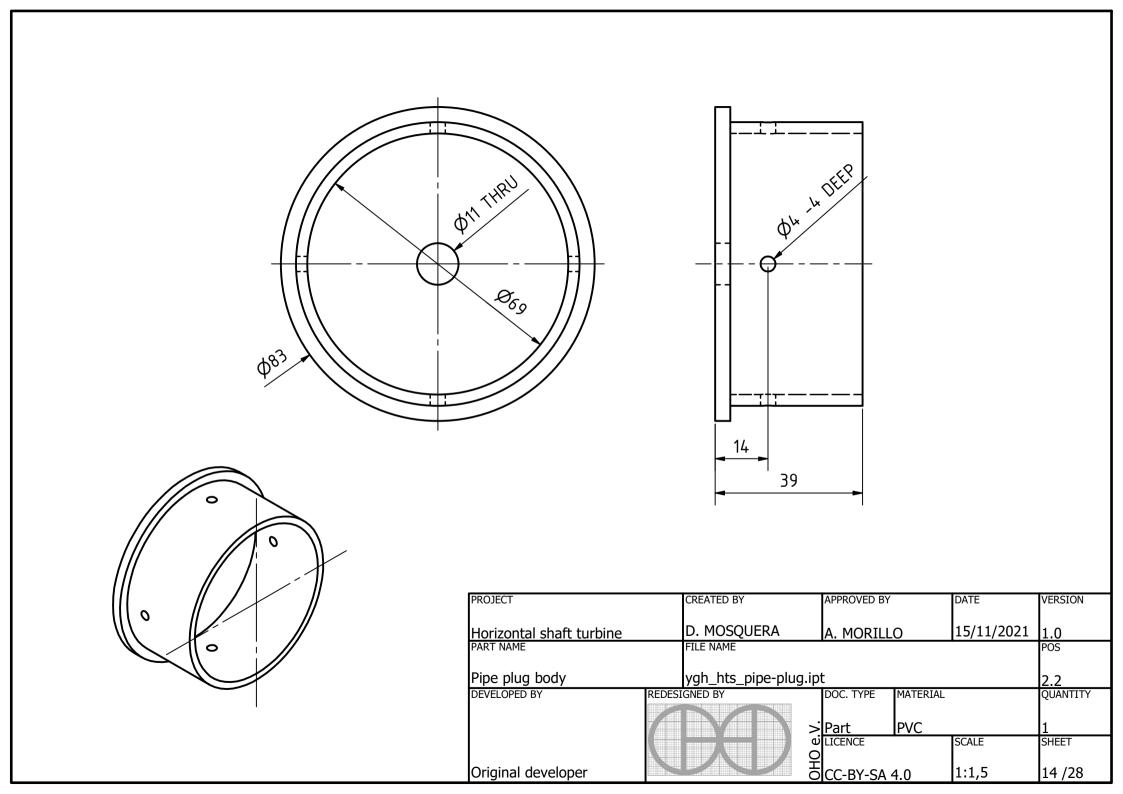
PROJECT	CREATED BY	APPROVED BY	APPROVED BY		VERSION
l.,	D MOCOLIEDA			1 - /1 1 /2021	
Horizontal shaft turbine	D. MOSQUERA	A. MORIL	<u>LO</u>	15/11/2021	1.0
PART NAME	FILE NAME				POS
Body	yah hta Body jan	,			ا م
bouy	ygh_hts_Body.iam	l .			2.0
DEVELOPED BY RE	DESIGNED BY	DOC. TYPE	MATERIAL		QUANTITY
<b>*</b>		> Assambly			ا ا
	*				l I
		ULICENCE		SCALE	SHEET
A **		O			
Original developer		OCC-BY-SA	4.0	10	111 /20
		OJCC-BY-SA	4.0	1:10	11 /28

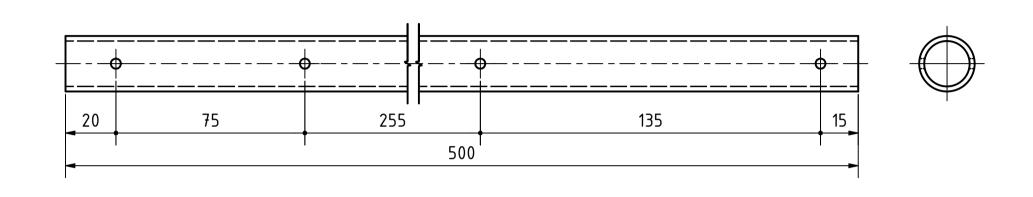




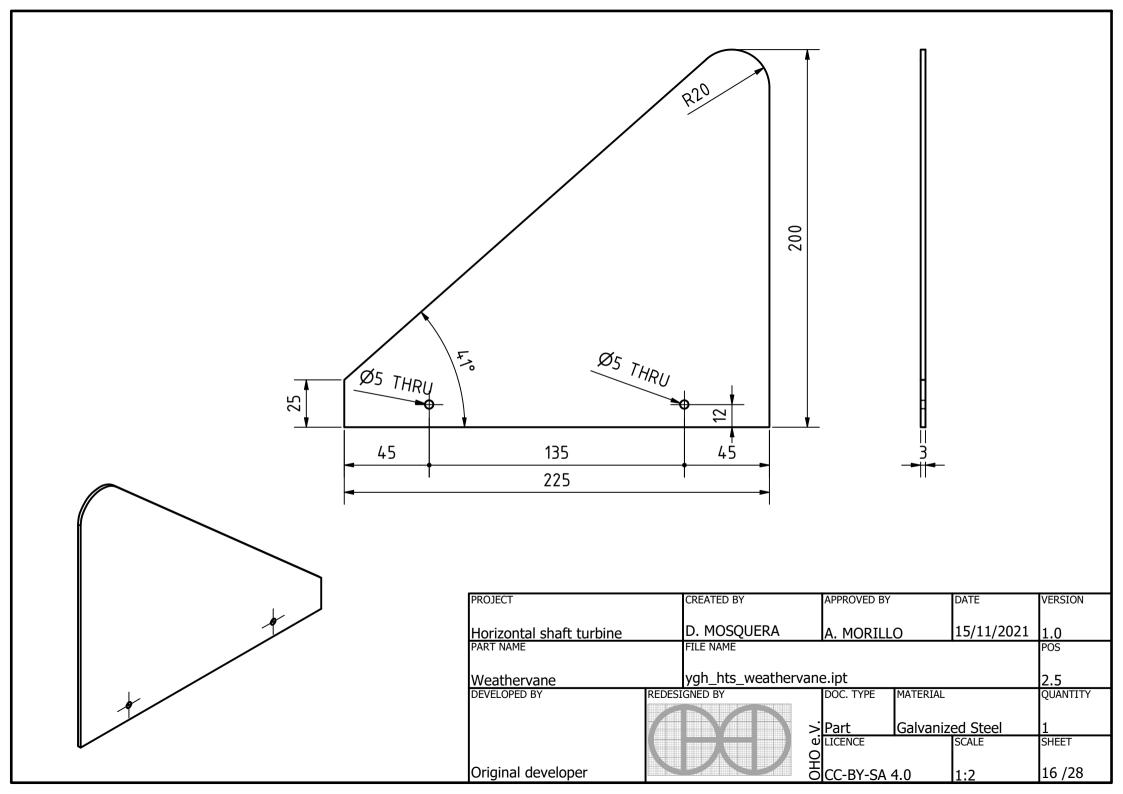


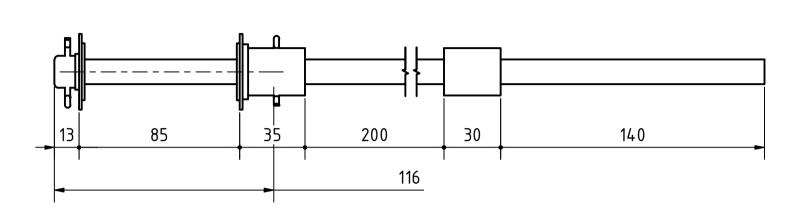
	<b></b>			i	
PROJECT	CREATED BY	APPROVED BY		DATE	VERSION
Havinantal abath tumbina	D. MOSQUERA	A MODILL	^	15/11/2021	1 0
Horizontal shaft turbine		A. MORILL	.0	13/11/2021	1.0
PART NAME	FILE NAME				POS
Dina hady	wah hts nine hady is	<b>-</b> +			اما
Pipe body	ygh_hts_pipe-body.ipt				2.1
DEVELOPED BY REDE	SIGNED BY	DOC. TYPE	MATERIAL		QUANTITY
		ا ا	D) (C		]_
/ / / / / / / / / / / / / / / / / / /		Part	PVC		1
		LICENCE		SCALE	SHEET
<u> </u>	/A\// C				
Original dayalanar	I JAN I		4.0	1.1 5	12 /20
Original developer		CC-BY-SA	4.0	1:1,5	13 /28

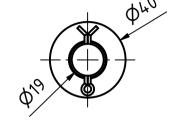




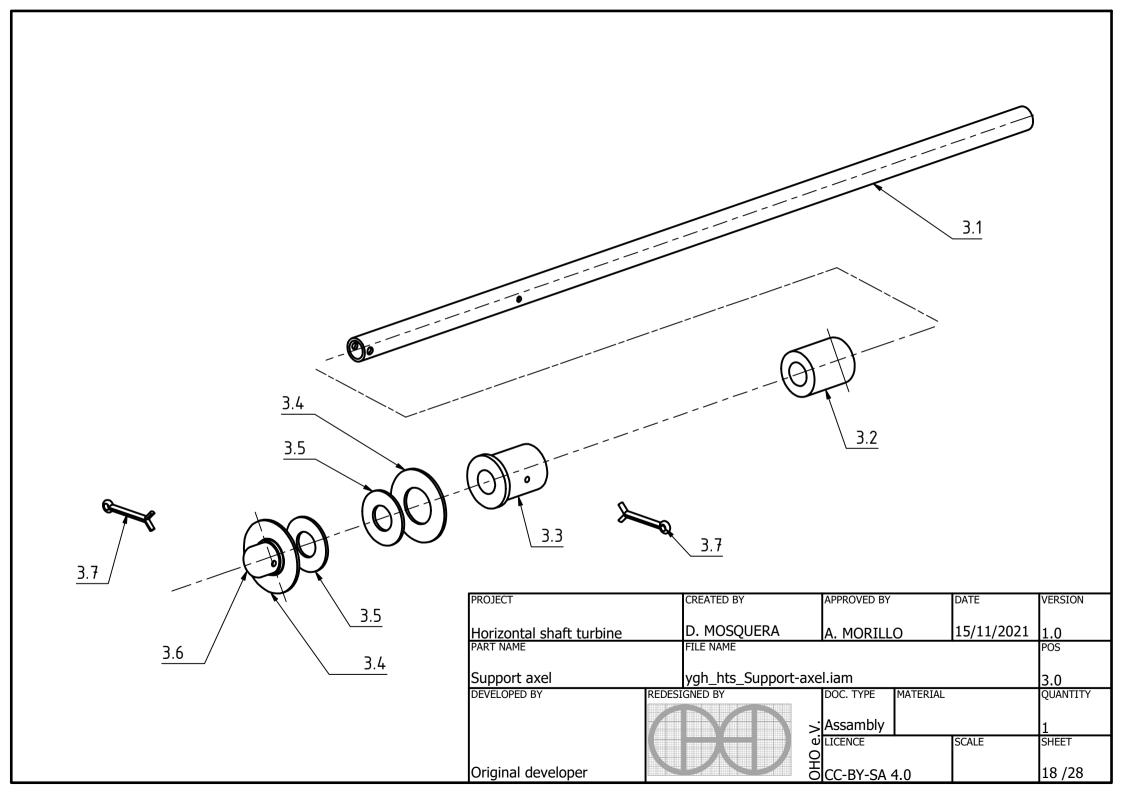
PROJECT	CREATED BY	APPROVED BY	DATE	VERSIO
Horizontal shaft turbine	D. MOSQUERA	A. MORILLO	) 15/11/2021	1.0
PART NAME	FILE NAME			POS
Flap piping	ygh_hts_flap-pip	ing.ipt		2.4
DEVELOPED BY	REDESIGNED BY	DOC. TYPE	MATERIAL	QUANT:
		>   Part	PVC	
		ULICENCE	SCALE	SHEET
Original developer		OCC-BY-SA	1:1,5	15 /2

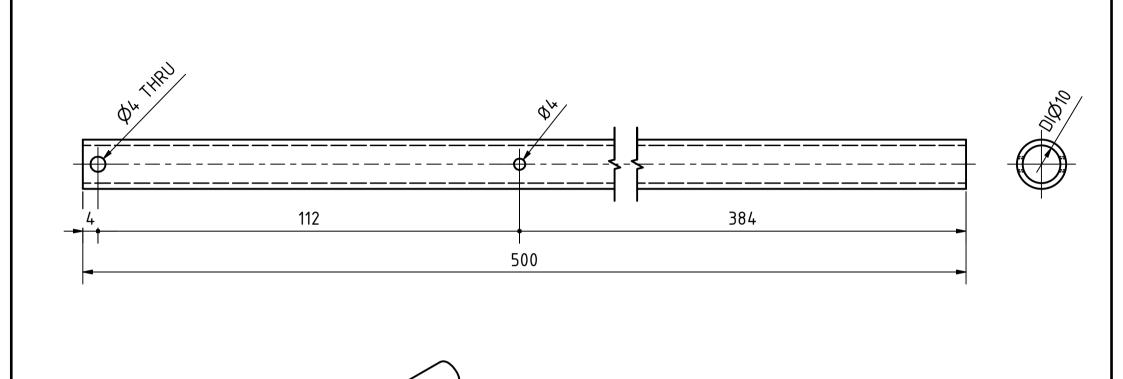




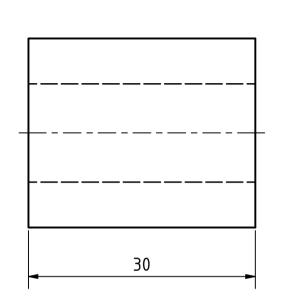


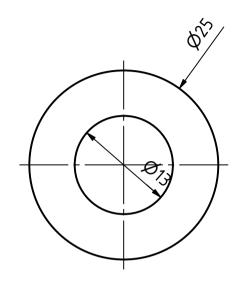
PROJECT	CREATED BY	Α	PPROVED BY		DATE	VERSION
Horizontal shaft turbine	D. MOSQUE	RA A	. MORILL	.0	15/11/2021	1.0
PART NAME	FILE NAME					POS
Support axel	ygh_hts_Su	pport-axel.	iam			3.0
DEVELOPED BY	REDESIGNED BY	D	OC. TYPE	MATERIAL		QUANTITY
		>	ssembly			1
		e l	ICENCE		SCALE	SHEET
Original developer			C-BY-SA	4.0	1:4	17 /28

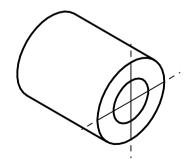




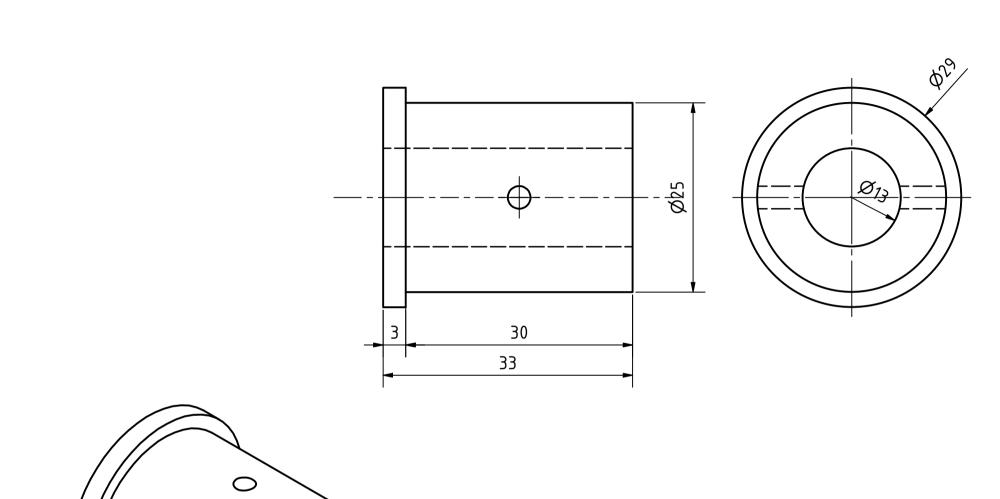
	PROJECT	CREATED BY	APPROVED BY	DATE	VERSION
	Horizontal shaft turbine	D. MOSQUERA	A. MORILLO		1.0
	PART NAME	FILE NAME			POS
	Tub axel vertical	ygh_hts_tube-axe	el-vertical.ipt		3.1
	DEVELOPED BY	REDESIGNED BY	DOC. TYPE MATERIAL		QUANTITY
De			> Part Bronce		1
			<b>Φ</b> LICENCE	SCALE	SHEET
	Original developer		으 O CC-BY-SA 4.0	1:1	19 /28

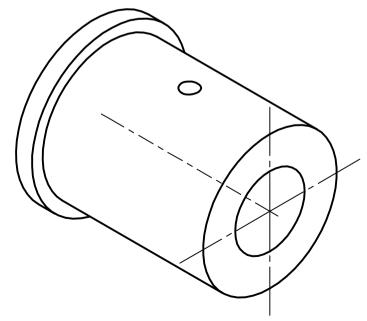




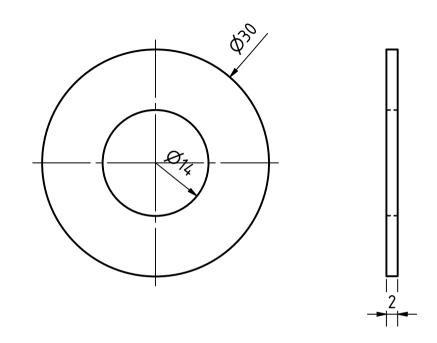


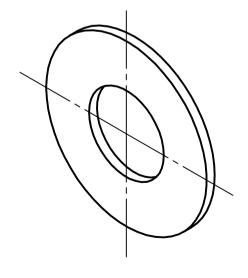
PROJECT		CREATED BY		APPROVED BY		DATE	VERSION
Horizontal shaft turbine		D. MOSQUERA		A. MORILL	0	15/11/2021	1.0
		FILE NAME					POS
Rubber guide		ygh_hts_rubber-guide.ipt				3.2	
DEVELOPED BY	REDESI	GNED BY	T	DOC. TYPE	MATERIAL		QUANTITY
		>		Part	Rubber		1
			٥Į	LICENCE		SCALE	SHEET
Original developer				CC-BY-SA	4.0	2:1	20 /28



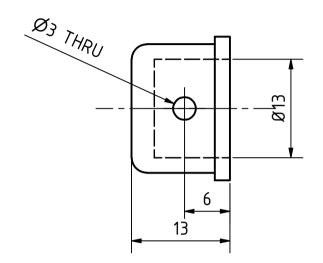


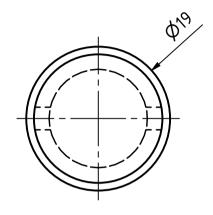
PROJECT	CREATED BY	APPROVED BY		DATE	VERSION
III. I a statuta de la litta de la compansión de la compa	D. MOSQUERA	A MODILL	•	15/11/2021	
Horizontal shaft turbine	•	A. MORILL	U	15/11/2021	1.0
PART NAME	FILE NAME	-			POS
D 1.1. 1. (C.	Logh http://www.huffor.int				2 2
Rubber buffer	ygh_hts_rubber-buffe	:i.ipt	3.3		
DEVELOPED BY REDES	IGNED BY	DOC. TYPE	MATERIAL		QUANTITY
					_
7 /== ===	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Part	Rubber		1
	ته ا	LICENCE		SCALE	SHEET
Original dovolonor	III II	CC-BY-SA 4	4.0		21 /20
Original developer		ICC-RA-28	4.0	2:1	21 /28

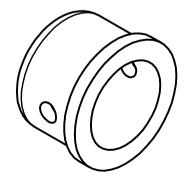




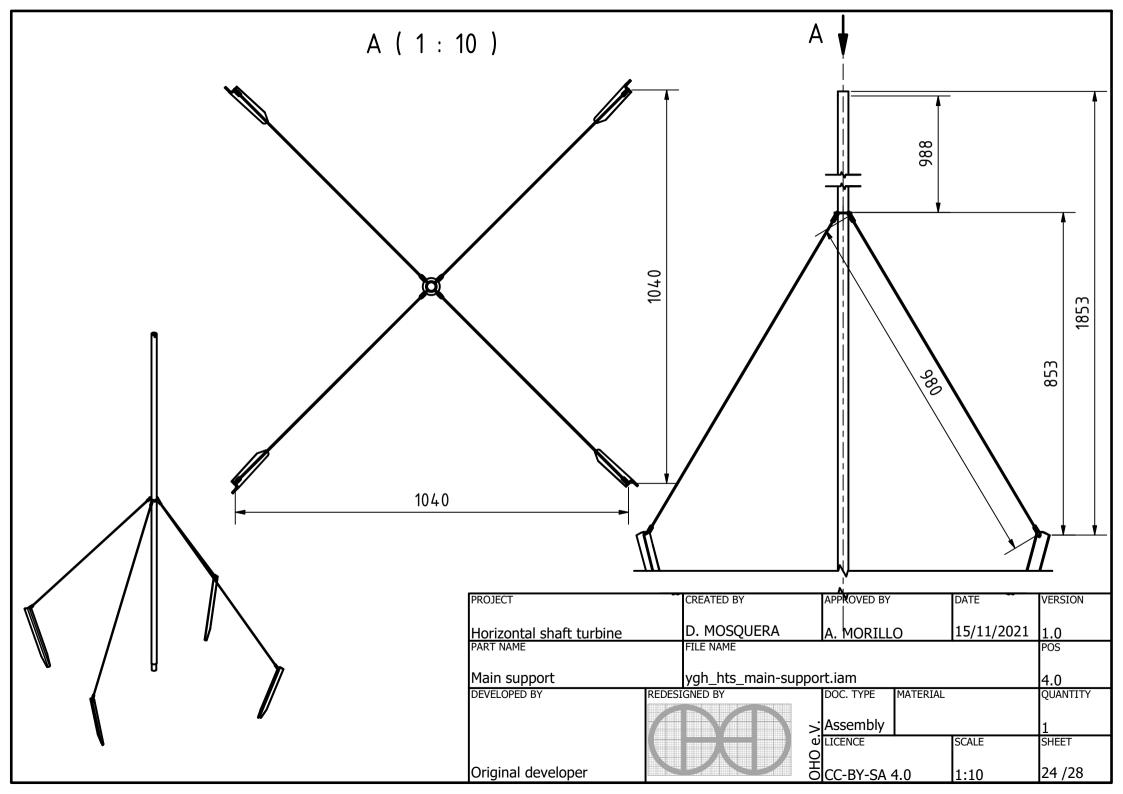
PROJECT		CREATED BY APPROVED		APPROVED BY		DATE	VERSION
Horizontal shaft turbine		D. MOSQUERA		A. MORILLO		15/11/2021	1.0
PART NAME		FILE NAME					POS
Washers rubber ygh_hts_washers-			· · · · · · · · · · · · · · · · · · ·			3.6	
DEVELOPED BY	REDESI	GNED BY	Ī	DOC. TYPE	MATERIAL		QUANTITY
	> Part Rubber					2	
			الا	LICENCE		SCALE	SHEET
Original developer		JHO JHO		CC-BY-SA	4.0	2:1	22 /28

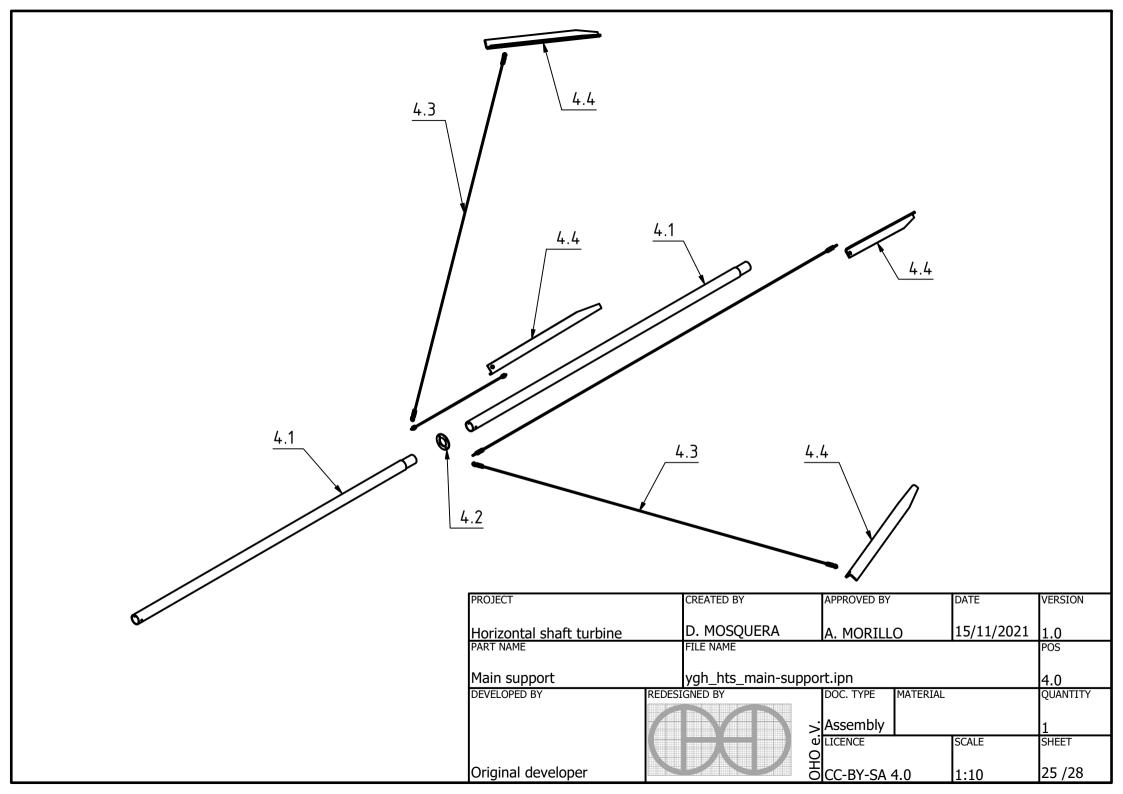


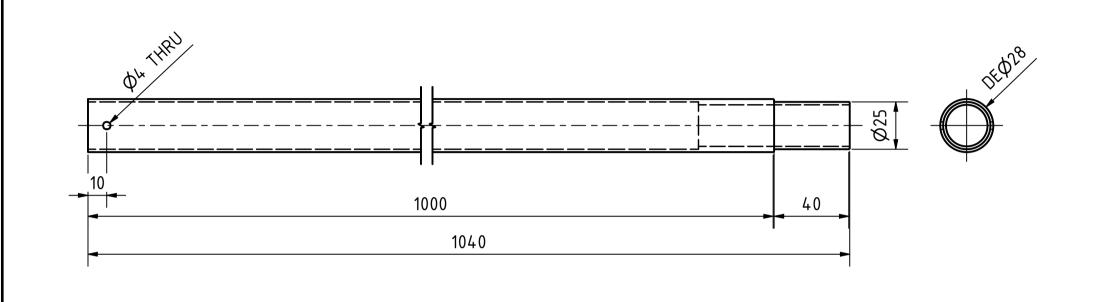


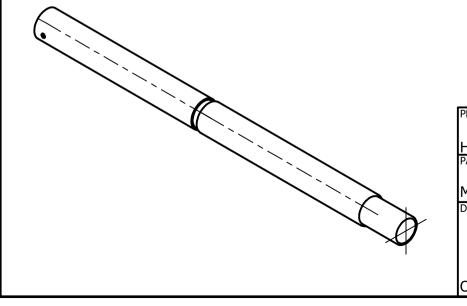


PROJECT		CREATED BY	APPROVED BY		DATE	VERSION
Horizontal shaft turbine		D. MOSQUERA	A. MORILLO		15/11/2021	1.0
PART NAME		FILE NAME			POS	
Pipe plug superior ygh_hts_pipe-plug			j-superior.ipt			3.6
DEVELOPED BY	REDESI	GNED BY	DOC. TYPE	MATERIAL		QUANTITY
	> Part PVC					1
		a d	LICENCE		SCALE	SHEET
Original developer		)HO	CC-BY-SA	4.0	2:1	23 /28

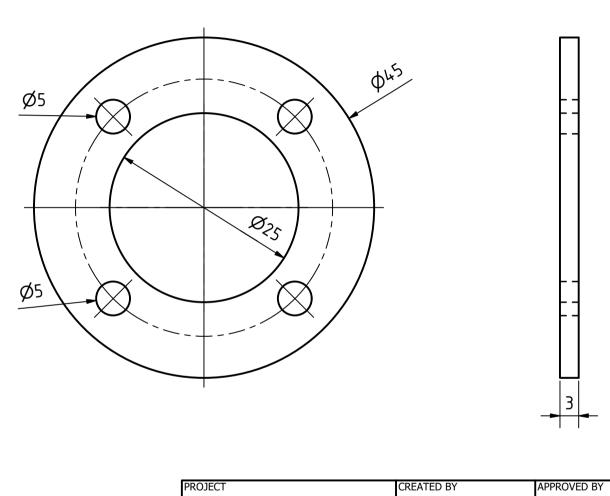


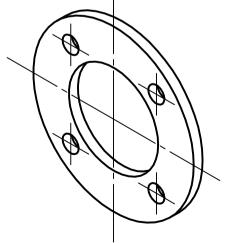




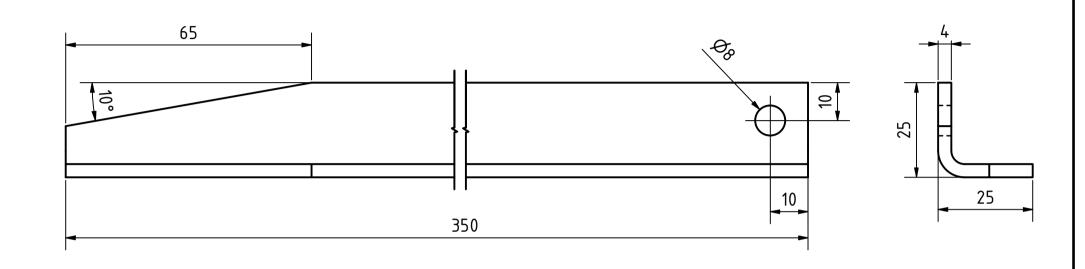


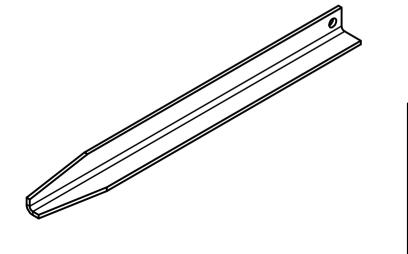
CREATED BY	APPROVED BY	APPROVED BY		VERSION
D. MOSQUERA	A. MORILL	A. MORILLO		1.0
FILE NAME	-		-	POS
ygh_hts_main-suppo	ort-tube.ipt			4.1
IGNED BY	DOC. TYPE	MATERIAL		QUANTITY
		Galvaniz	ed Steel	2
	LICENCE		SCALE	SHEET
	2			
	SICC-BY-SA	4.0	1:2	26 /28
	D. MOSQUERA  FILE NAME  ygh_hts_main-supportioned by	D. MOSQUERA  FILE NAME  ygh_hts_main-support-tube.ipt  DOC. TYPE  Part  UICENCE  P	D. MOSQUERA  FILE NAME  ygh_hts_main-support-tube.ipt  IGNED BY  DOC. TYPE  MATERIAL  > Part  Galvaniz	D. MOSQUERA  A. MORILLO  15/11/2021  FILE NAME  ygh_hts_main-support-tube.ipt  IGNED BY  DOC. TYPE  MATERIAL  Part  Galvanized Steel  LICENCE  SCALE





PROJECT	CREATED BY	APPROVED BY		DATE	VERSION
Horizontal shaft turbine	D. MOSQUERA	A. MORILLO		15/11/2021	1.0
PART NAME	FILE NAME			POS	
<b>L</b>					
Ring tensor	ygh_hts_ring-tensor.i	pt	4.2		
DEVELOPED BY REDES:	IGNED BY	DOC. TYPE	MATERIAL		QUANTITY
<i>7/4</i>	>	Part	Galvaniz	ed Steel	1
		LICENCE		SCALE	SHEET
	우				
Original developer	To the second se	CC-BY-SA	4.0	2:1	27 /28





PROJECT		CREATED BY		APPROVED BY		DATE	VERSION	
			ı	1				
III. I a statuta di Tanta		D. MOSQUERA	ı	L MODILLO		15/11/2021	l, ,	
Horizontal shaft turbine		•		A. MORILLO		13/11/2021	1.0	
PART NAME		FILE NAME					POS	
Al								
Angle ygh_hts_ angle.ip			π				4.4	
DEVELOPED BY	REDESIGNED BY			DOC. TYPE	MATERIAL		QUANTITY	
							_	
	7.4		Т					
	7 <i>(</i>					4		
			آآن	LICENCE		SCALE	SHEET	
			Ы					
l	$\mathbb{R}^{\prime}$		=					
Original developer	IIIII) h	C	5 (	CC-BY-SA 4	4.0	1:1	28 /28	