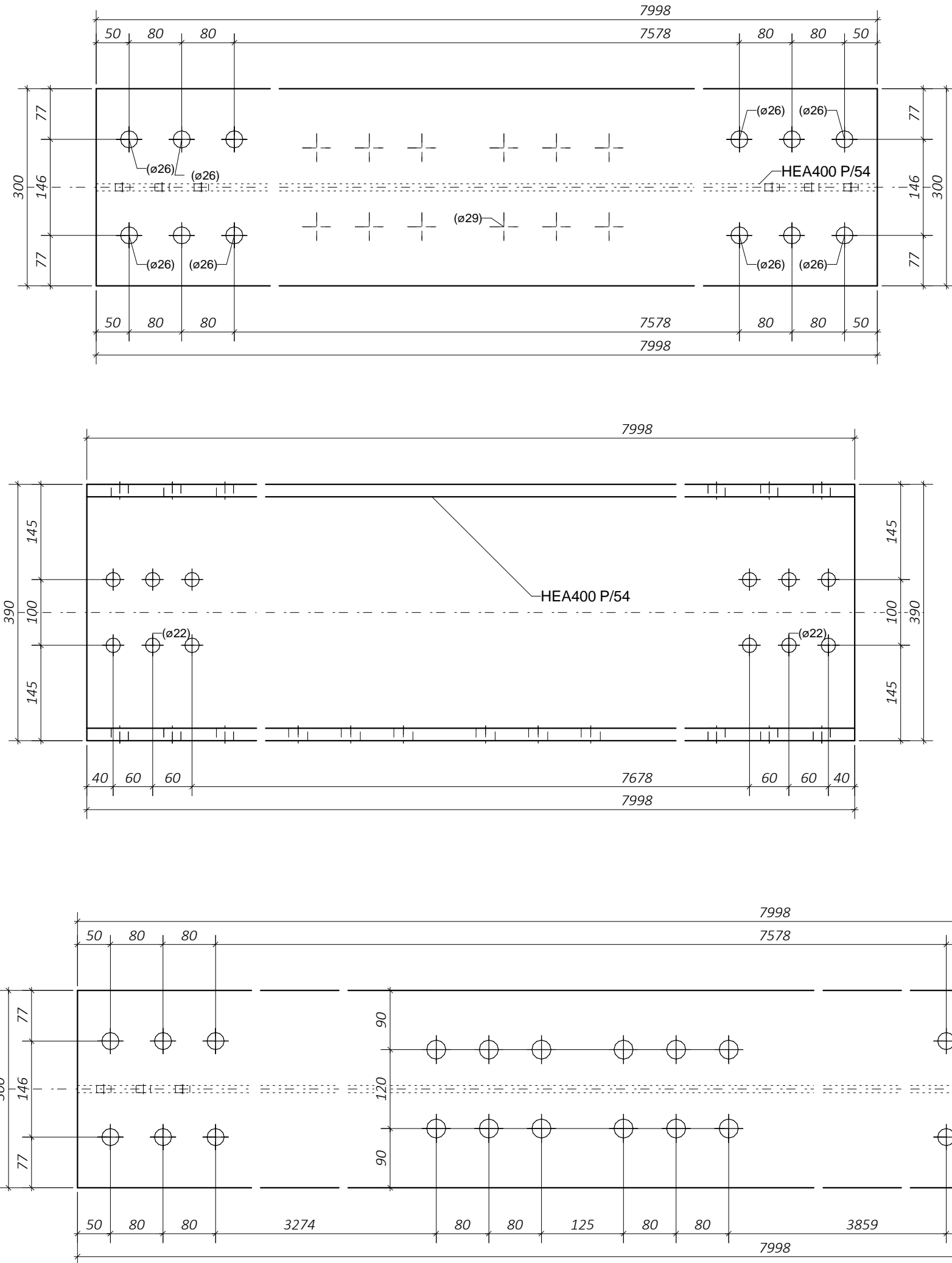
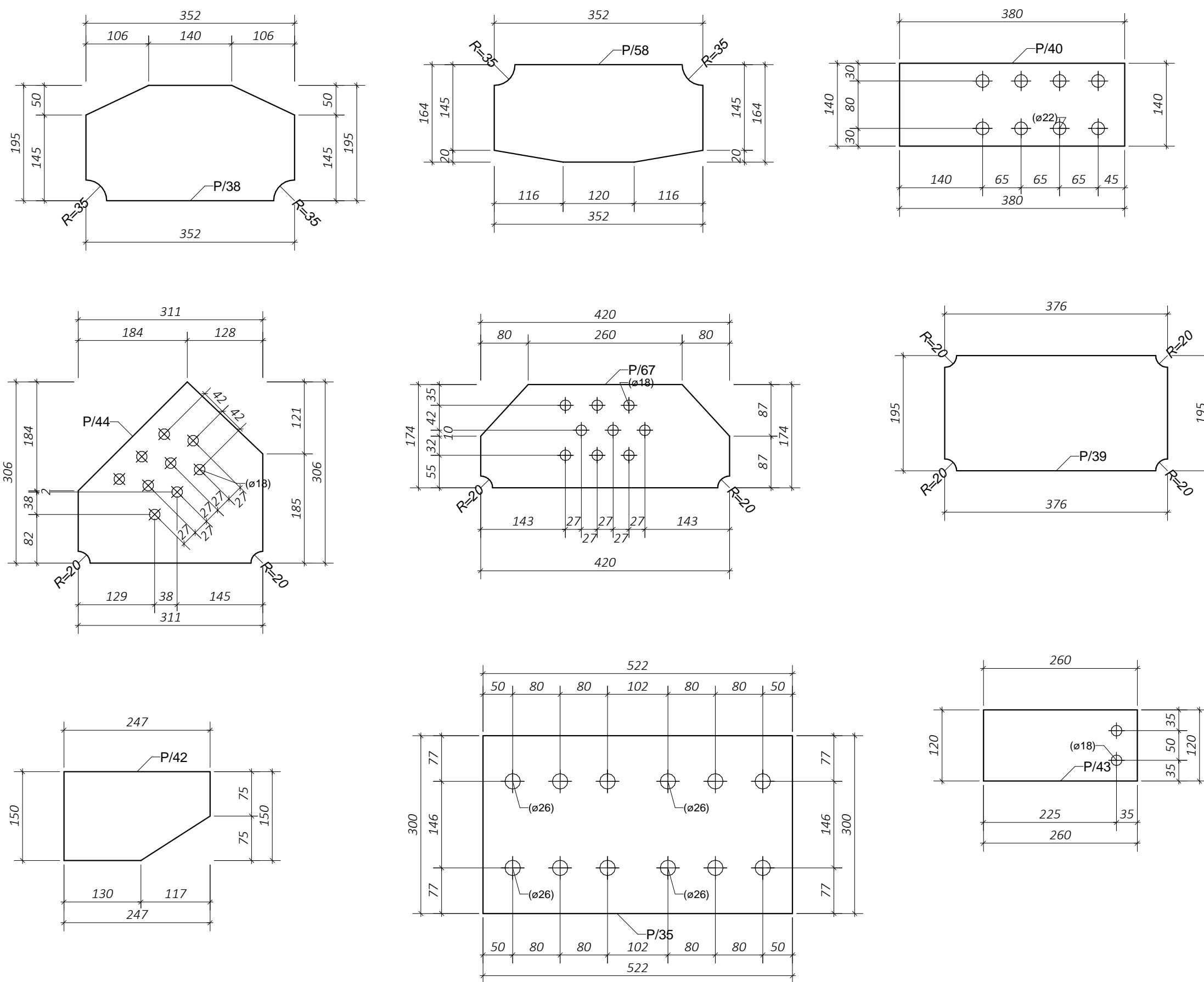


3D View 1

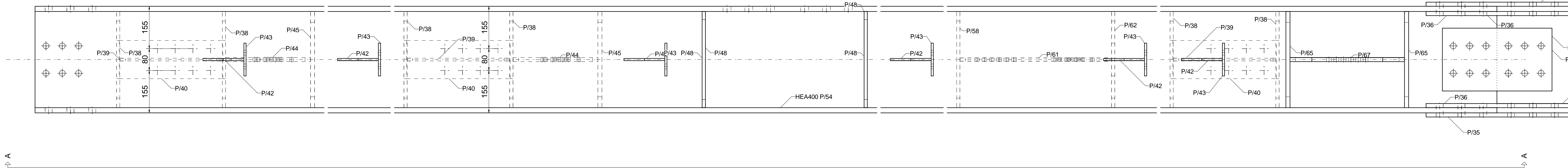
3D View 2



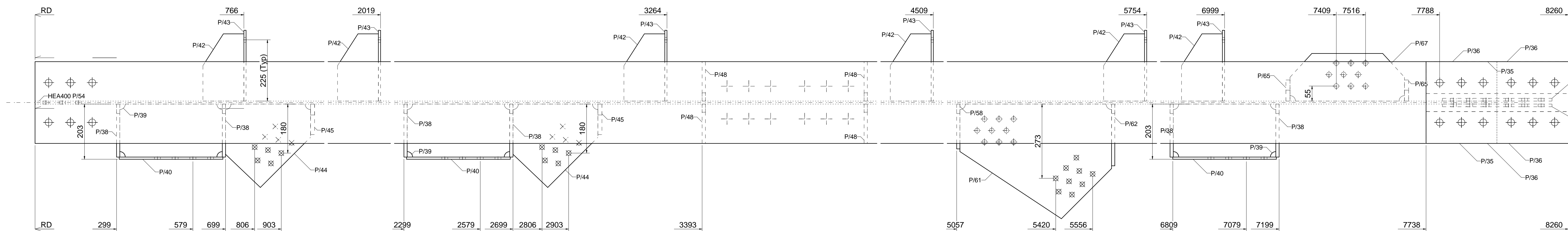
Column to be drawn

Setting out

Material List CL/9 (1 Pcs. Rqd.)									
Pos.	Material	PartName	No.	Net Length(mm)	SurfaceArea(m²)	Net Weight(kg)	Net Weight Total(kg)		
P/35	S235	PL522x200x15	2	522	0.34	18.44	36.87		
P/36	S235	PL522x117x15	4	522	0.14	7.19	28.76		
P/37	S235	PL402x220x10	2	402	0.2	7.29	14.57		
P/38	S235	PL352x195x12	6	352	0.13	5.77	34.62		
P/39	S235	PL370x195x10	3	370	0.15	5.64	16.93		
P/40	S235	PL380x140x8	3	380	0.11	3.54	10.62		
P/42	S235	PL247x150x8	6	246.53	0.07	2.05	12.28		
P/43	S235	PL260x120x8	6	259.5	0.07	1.98	11.73		
P/44	S235	PL317x306x15	2	311.47	0.16	8.24	16.48		
P/45	S235	PL352x115x15	2	352	0.08	4.35	8.71		
P/48	S235	PL352x145x12	4	352	0.11	4.66	18.63		
P/54	S235	HEA400	1	7998	15.69	998.13	998.13		
P/58	S235	PL352x164x12	1	352	0.12	5.05	5.05		
P/61	S235	PL556x420x12	1	555.97	0.38	16.08	16.08		
P/62	S235	PL352x227x12	1	352	0.15	6.44	6.44		
P/65	S235	PL352x77x15	2	352	0.08	2.91	5.81		
P/67	S235	PL420x174x15	1	420	0.15	7.73	7.73		
			47			1248.77	1248.77		
Bolt List CL/9 (1 Pcs. Rqd.)									
Index	Diameter	Length(mm)	Material	Count					
1M20		70	6.8	12					
2M27		75	6.8	12					
3M24		95	6.8	24					
4M16		50	6.8	12					



CL/9 (1 Pcs. Rqd.)



A-A

Create the A0 sized Assembly drawing of this column so that it looks similar to this one.

- Watch the tutorial video before attempting this. Create the model needed to create this drawing as the first step
- Number to model to create the assembly drawing of the corner column with default settings.
- Change the "settings" of the Assembly drawing as shown in the tutorial video to get the basic drawing before you start the cleanup process. These include the following

- a) Change the scale of assembly and single parts to 7
- b) Change collaps settings to 25 and 7
- c) Change annotation style to style 2 with baseline
- d) Change placement settings as shown in tutorial
- e) Draw only FRONT and TOP views
- f) Select "Do not dimension"
- g) Check "Keep manual changes" option
- h) Change dimension accuracy to round numbers
- i) Uncheck "bolt hole" annotations in Assembly views
- j) Turn off welding annotations
- k) Turn on "Do not take sections"

Save away these settings with a name so that you can use them again in similar situations.

- Complete the cleanup steps as shown in the tutorial video. These steps would include;

- a) Move single part viewports out of the way
- b) Rearrange FRONT and TOP views in the middle of page and align
- c) Rearrange single part views similar to this drawing
- d) Add 3D views with different names. Use group filters
- e) Move annotations of plates to make them clearer
- f) Take section for Splice plates as shown
- g) Dimension main assembly views manually
- h) Add plate annotations in the 3D views

- Dimensioning rules

- a) dimension by bolts (one or two bolts)
- b) Do not dimension points which are at the main parts web or flange.
- c) Do not dimension centered parts
- d)

- Try to finish the drawing in 10-15 minutes
- Watch the tutorial here: <https://youtu.be/4mAwMtunfM>

TAGASHI		RESM ADI		TAGASHI	
DATE		Drawing name		DATE	
DESIGN				DESIGN	
CONTROL				CONTROL	
Checked				Checked	
PROJECT					
COMOSYS		Fatih Sultan Mehmet Bv. No:420 Kazan/ANKARA		Fatih Sultan Mehmet Bv. No:420 Kazan/ANKARA	
Construction Modeling Systems		Tel : +90 (312) 385-23-52		Tel : +90 (312) 385-23-52	
		Fax : +90 (312) 386-69-47		Fax : +90 (312) 386-69-47	
		E-Posta : support@proytech.com		E-Posta : support@proytech.com	
		Web Sayfa : www.proytech.com		Web Sayfa : www.proytech.com	
PROJE		COMOSYS		Fatih Sultan Mehmet Bv. No:420 Kazan/ANKARA	
		Construction Modeling Systems		Tel : +90 (312) 385-23-52	
				Fax : +90 (312) 386-69-47	
				E-Posta : support@proytech.com	
				Web Sayfa : www.proytech.com	
TAGASHI		RESM ADI		TAGASHI	
DATE		Drawing name		DATE	
DESIGN				DESIGN	
CONTROL				CONTROL	
Checked				Checked	
PART					
Part Name		Revision		Revision	
1/10		835-156-CE-001		835-156-CE-001	
CAD NO:		835-156-CE-001		835-156-CE-001	
Part Name		Revision		Revision	
1/10		835-156-CE-001		835-156-CE-001	
CAD NO:		835-156-CE-001		835-156-CE-001	
Part Name		Revision		Revision	
1/10		835-156-CE-001		835-156-CE-001	
CAD NO:		835-156-CE-001		835-156-CE-001	