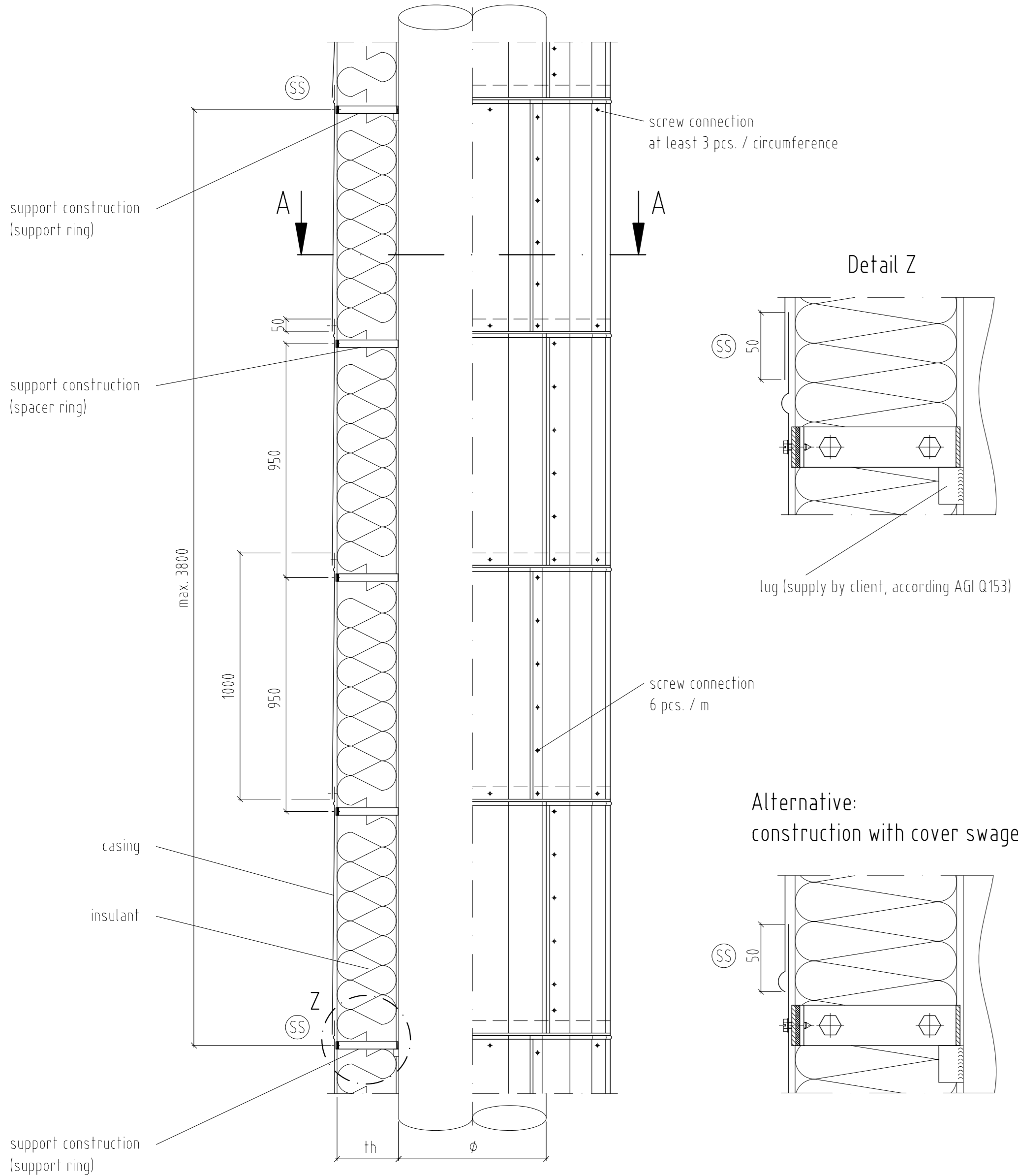
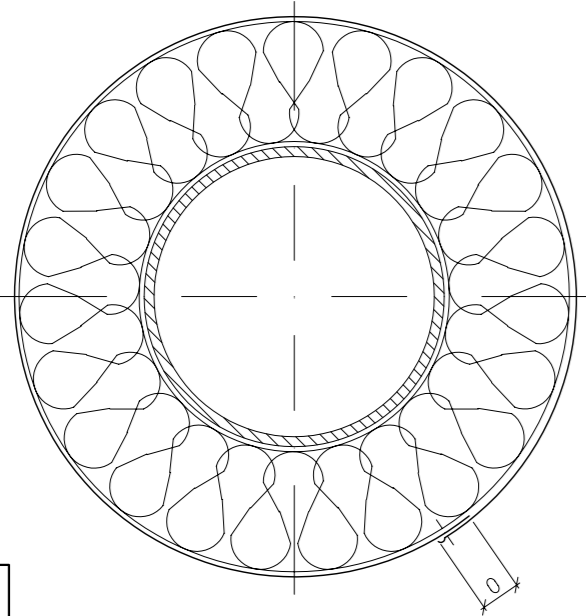


DETAIL:
Pipe vertical
construction: offset back swage

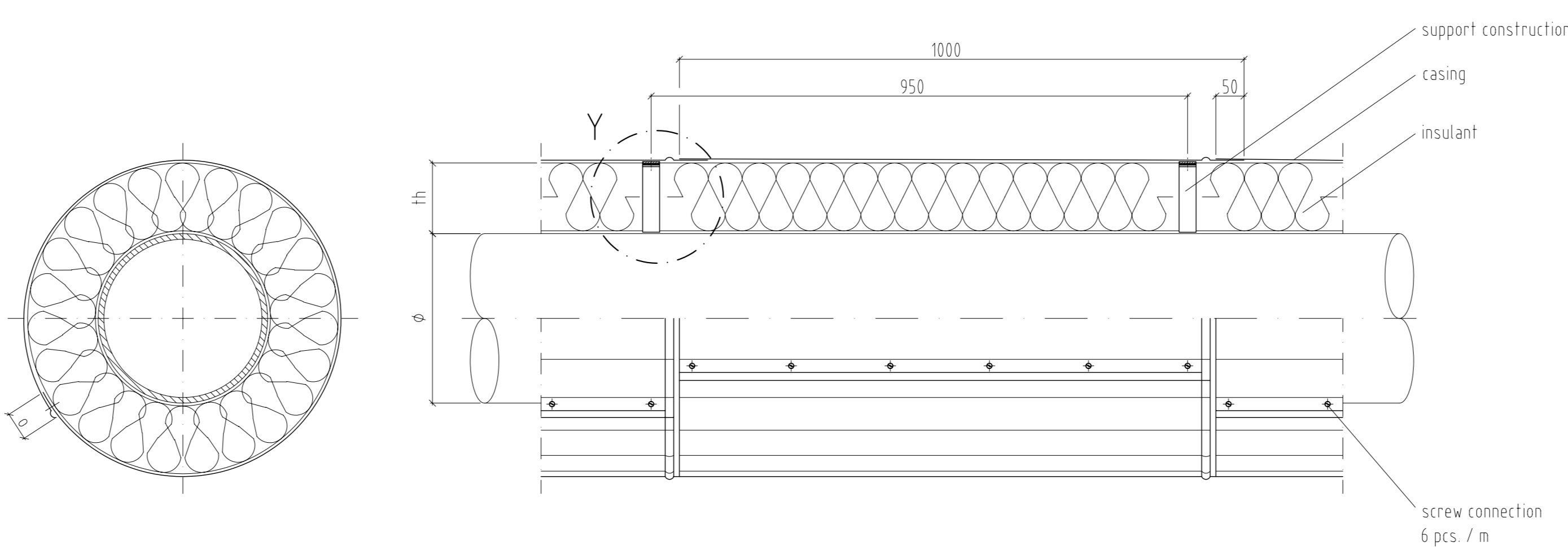


Section A-A

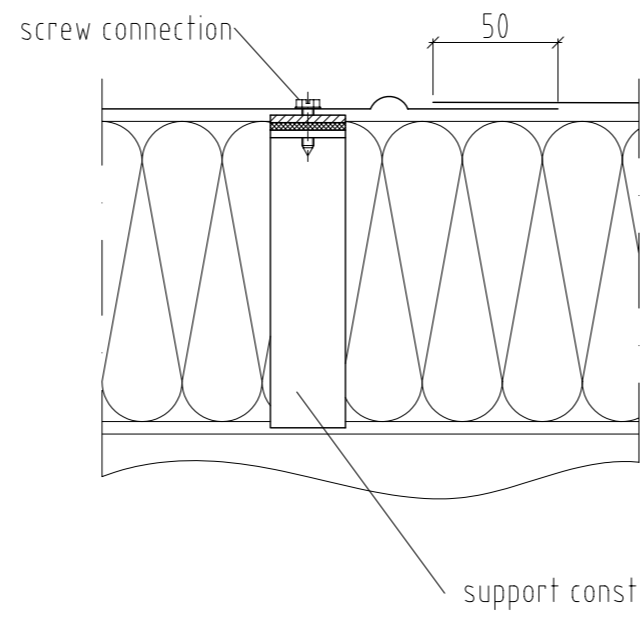


Circumference (mm)	Overlap (ø) (mm)
DIN 4140	DIN 4140
bis 400	30
400 - 800	40
> 800	50

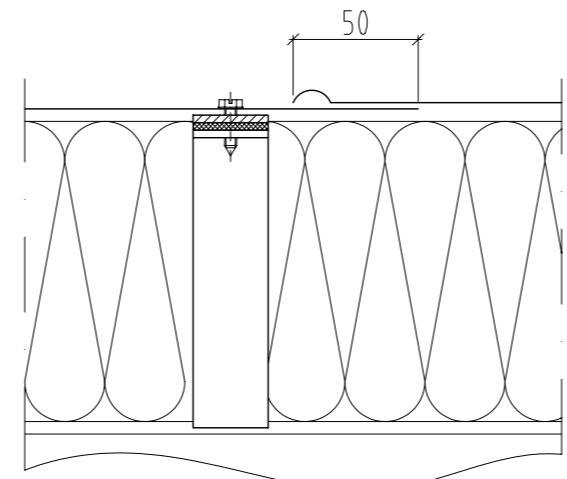
DETAIL:
Pipe horizontal
construction: offset back swage



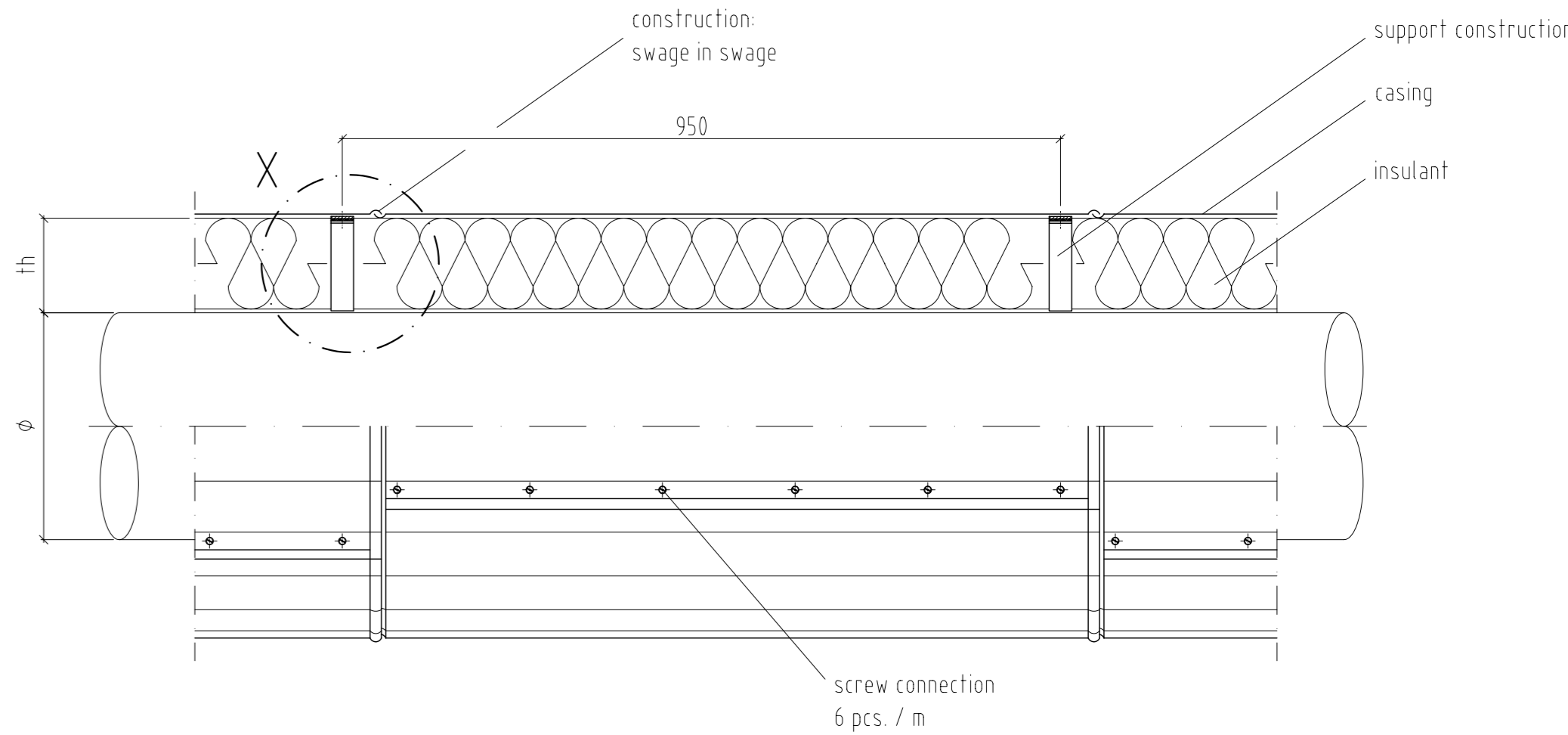
Detail Y



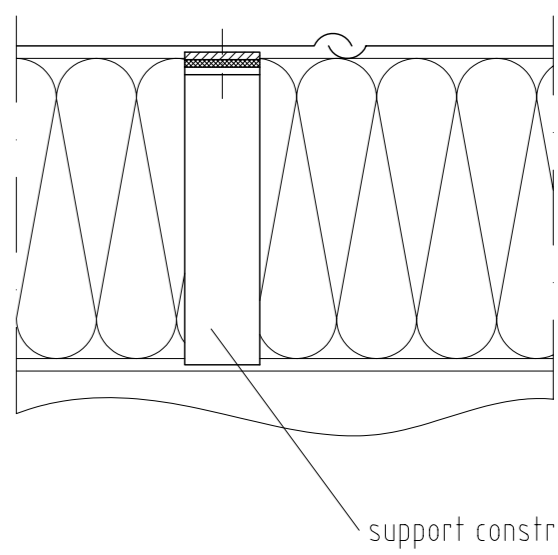
Alternative:
construction with cover swage



DETAIL:
Pipe horizontal
pipe with slight fernal extension

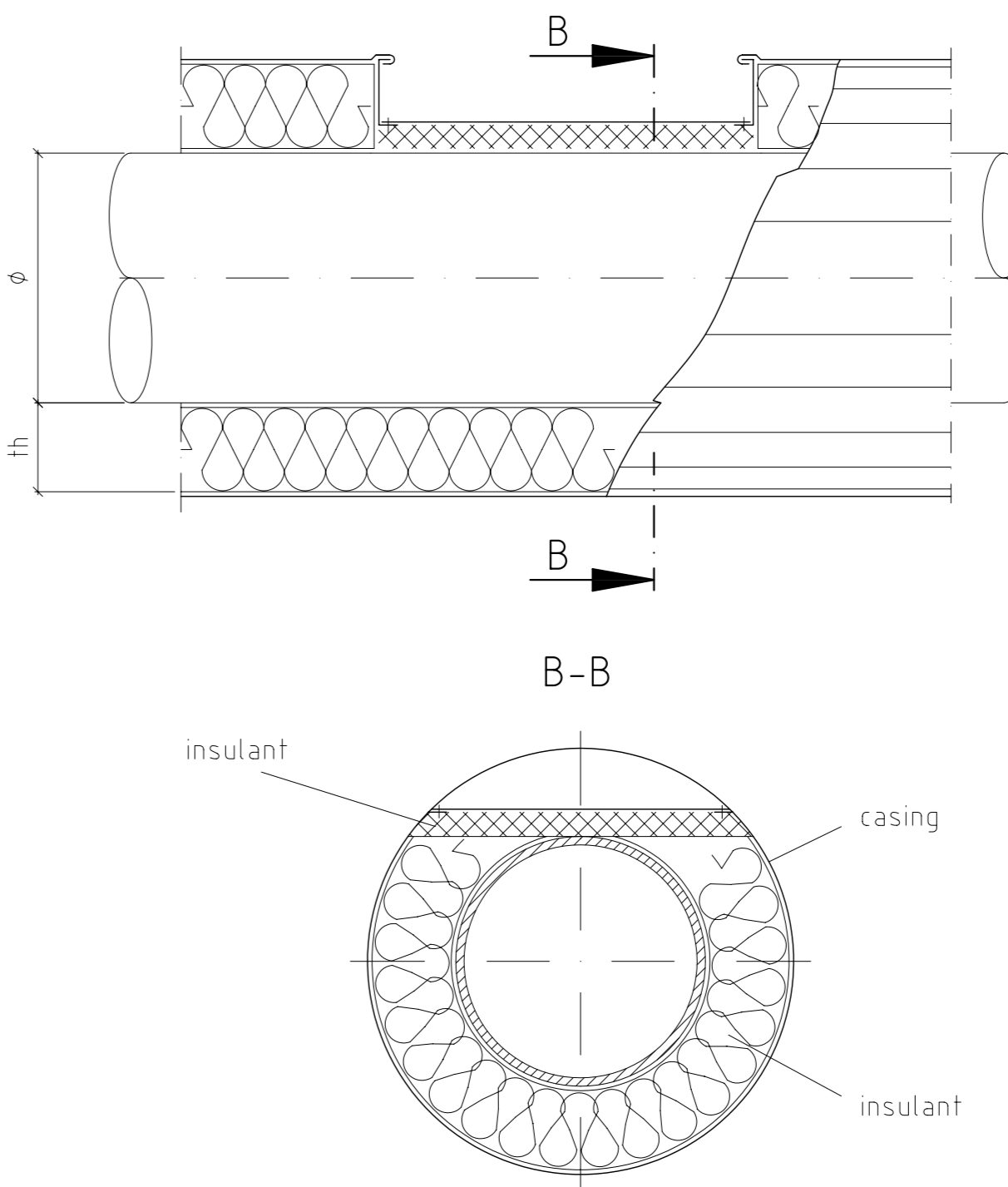


Detail X



Legend:
th = insulation thickness
ø = diameter pipe
o = overlapping
SS = sliding seam

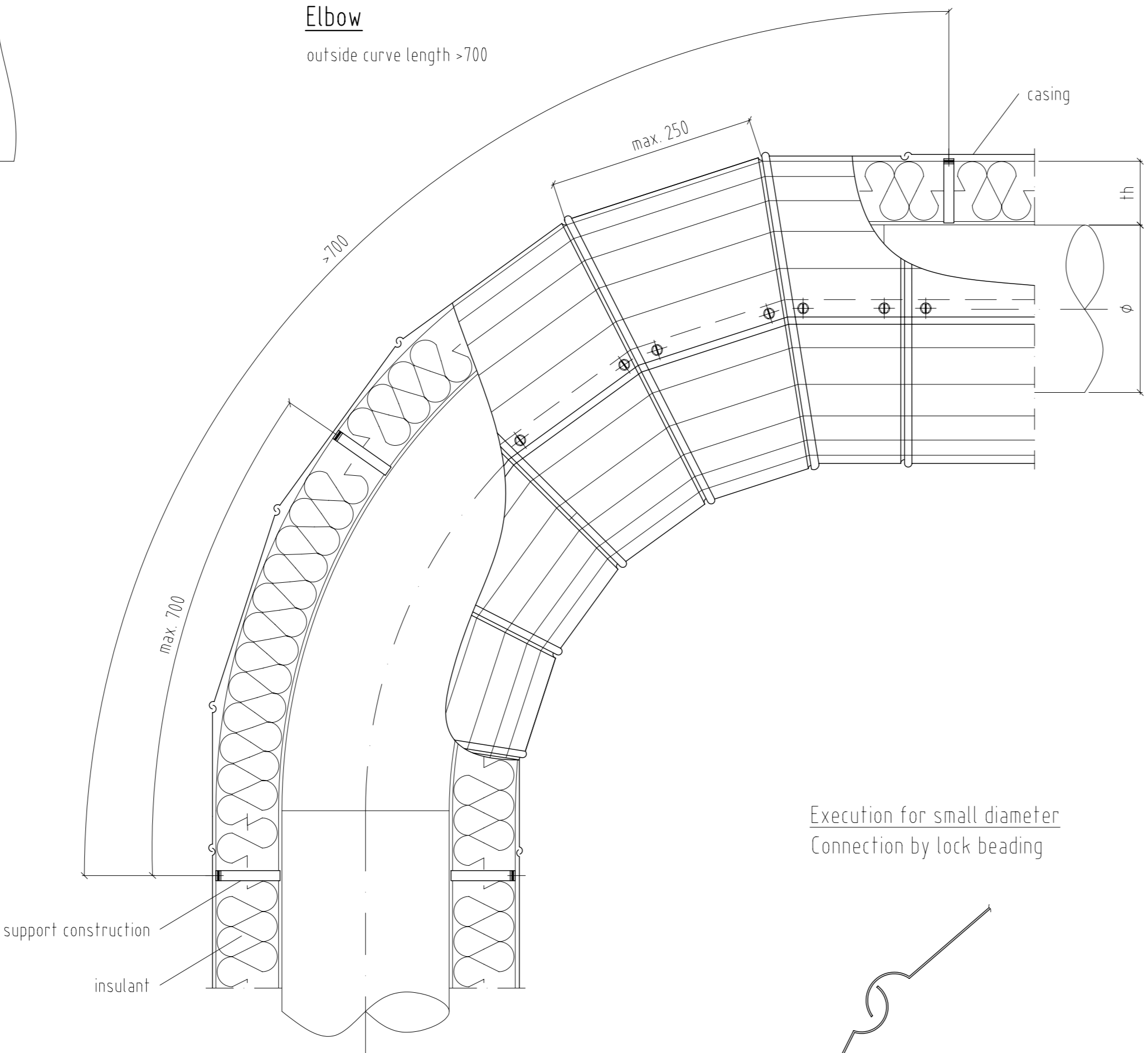
DETAIL:
Flattening



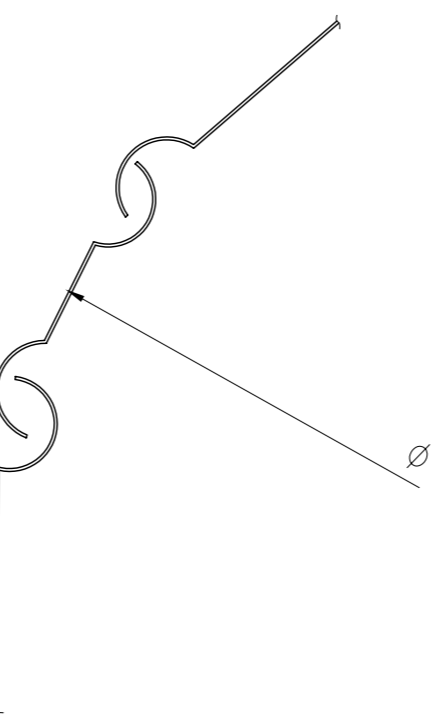
Quantity of distancers per ring according DIN 4140-2008																
DN	Insulation thickness															
	40	50	60	80	100	120	140	160	180	200	220	240	260	280	300	
65	—	—	3	3	3	3	3	4	4	4	5	5	5	5	6	
80	—	—	3	3	3	3	3	4	4	4	5	5	5	5	6	
100	—	—	3	3	3	3	3	4	4	4	5	5	5	5	6	
125	3	3	3	3	3	3	3	4	4	4	5	5	5	5	6	
150	3	3	3	3	3	3	3	4	4	4	5	5	5	5	6	
200	3	3	3	3	3	3	3	4	4	4	5	5	5	5	6	
250	3	3	3	3	3	3	3	4	4	4	5	5	5	5	6	
300	4	4	4	4	4	4	4	5	5	5	6	6	6	6	7	
350	4	4	4	4	4	4	4	5	5	5	6	6	6	6	7	
400	4	4	4	4	4	4	4	5	5	5	6	6	6	6	7	
450	5	5	5	5	5	5	5	6	6	6	7	7	7	7	8	
500	5	5	5	5	5	5	5	6	6	6	7	7	7	7	8	
600	6	6	6	6	6	6	6	7	7	7	8	8	8	8	9	
700	7	7	7	7	7	7	7	8	8	8	9	9	9	9	10	
>700	7	7	7	7	7	7	7	8	8	8	9	9	9	9	10	
distance max. 400 mm on outside ring																

DETAIL:
Elbow

outside curve length >700

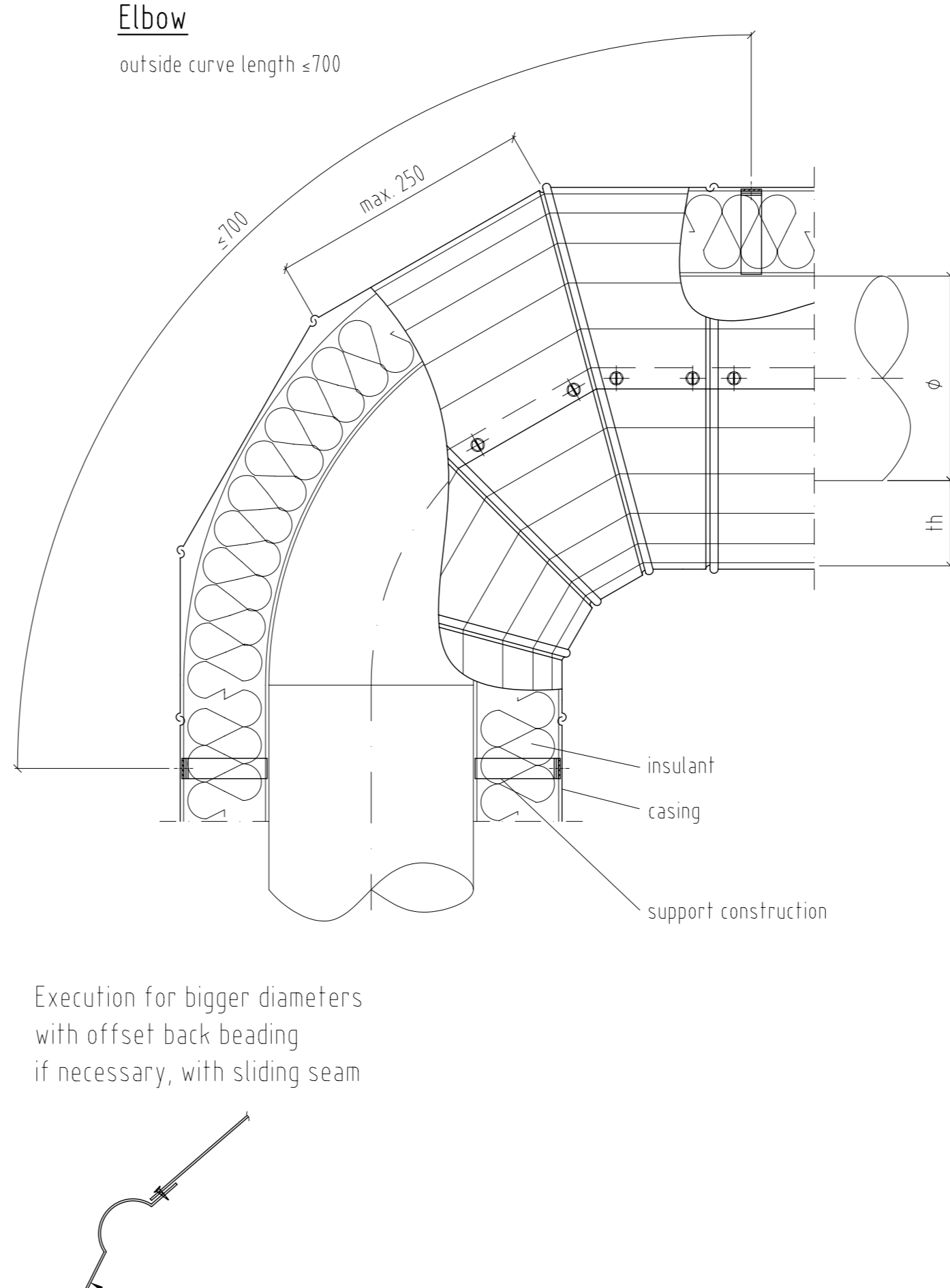


Execution for small diameter
Connection by lock beading

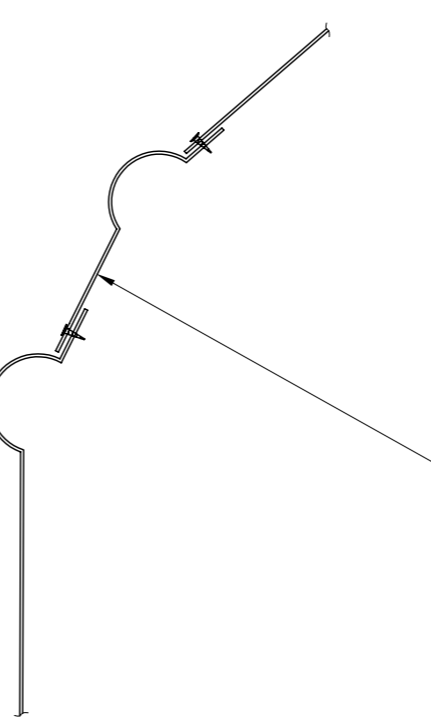


DETAIL:
Elbow

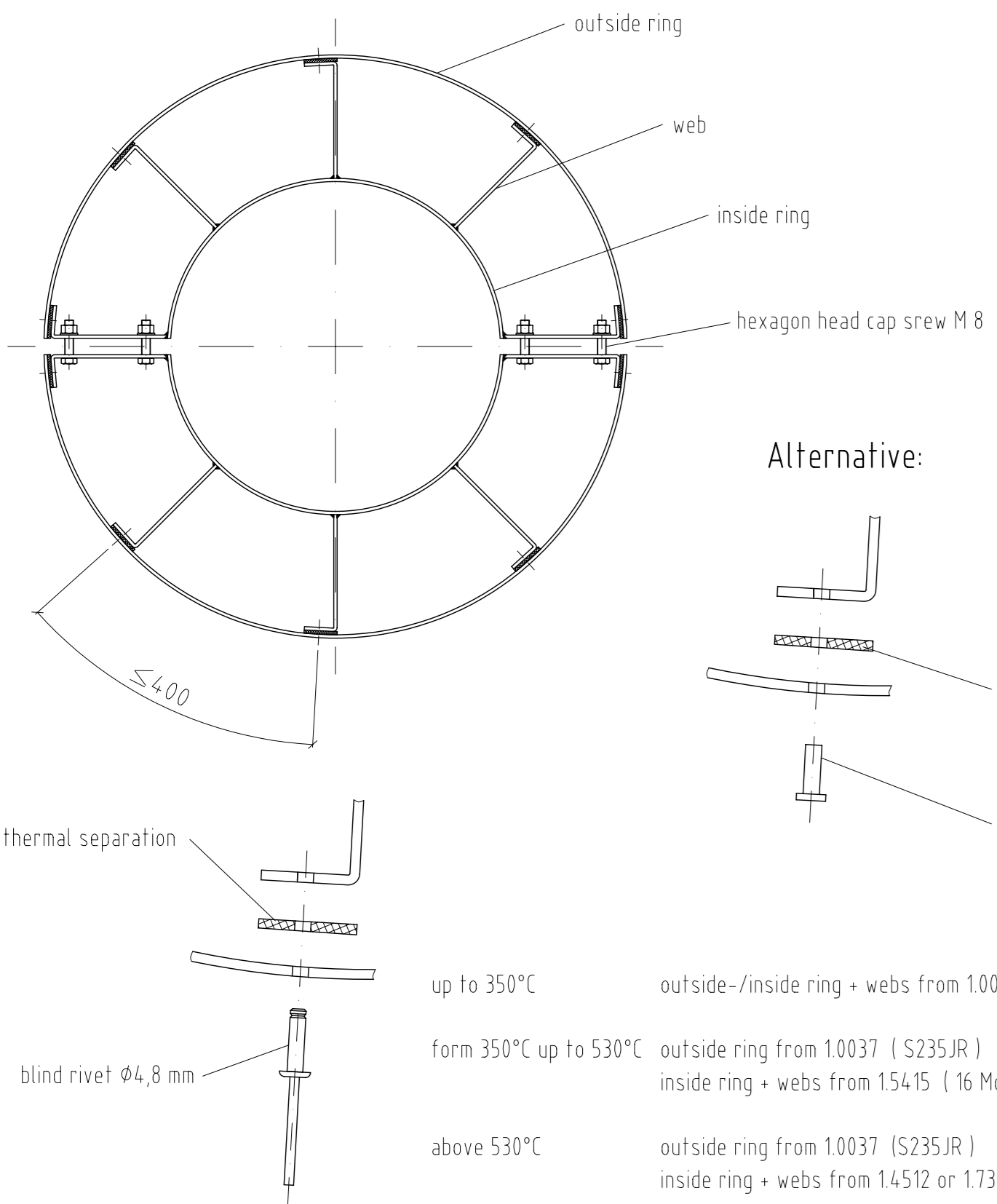
outside curve length >700



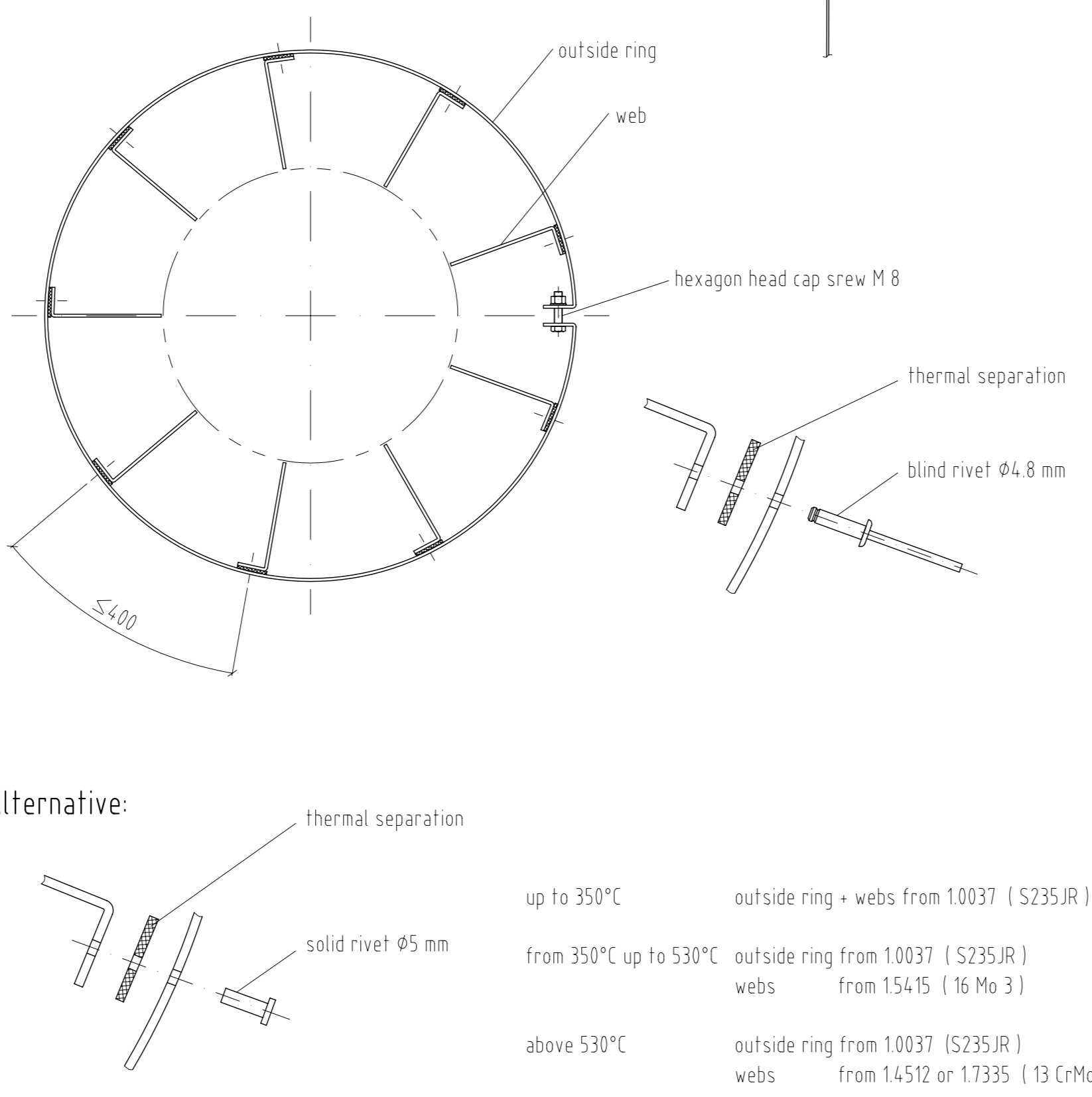
Execution for bigger diameters
with offset back beading
if necessary, with sliding seam



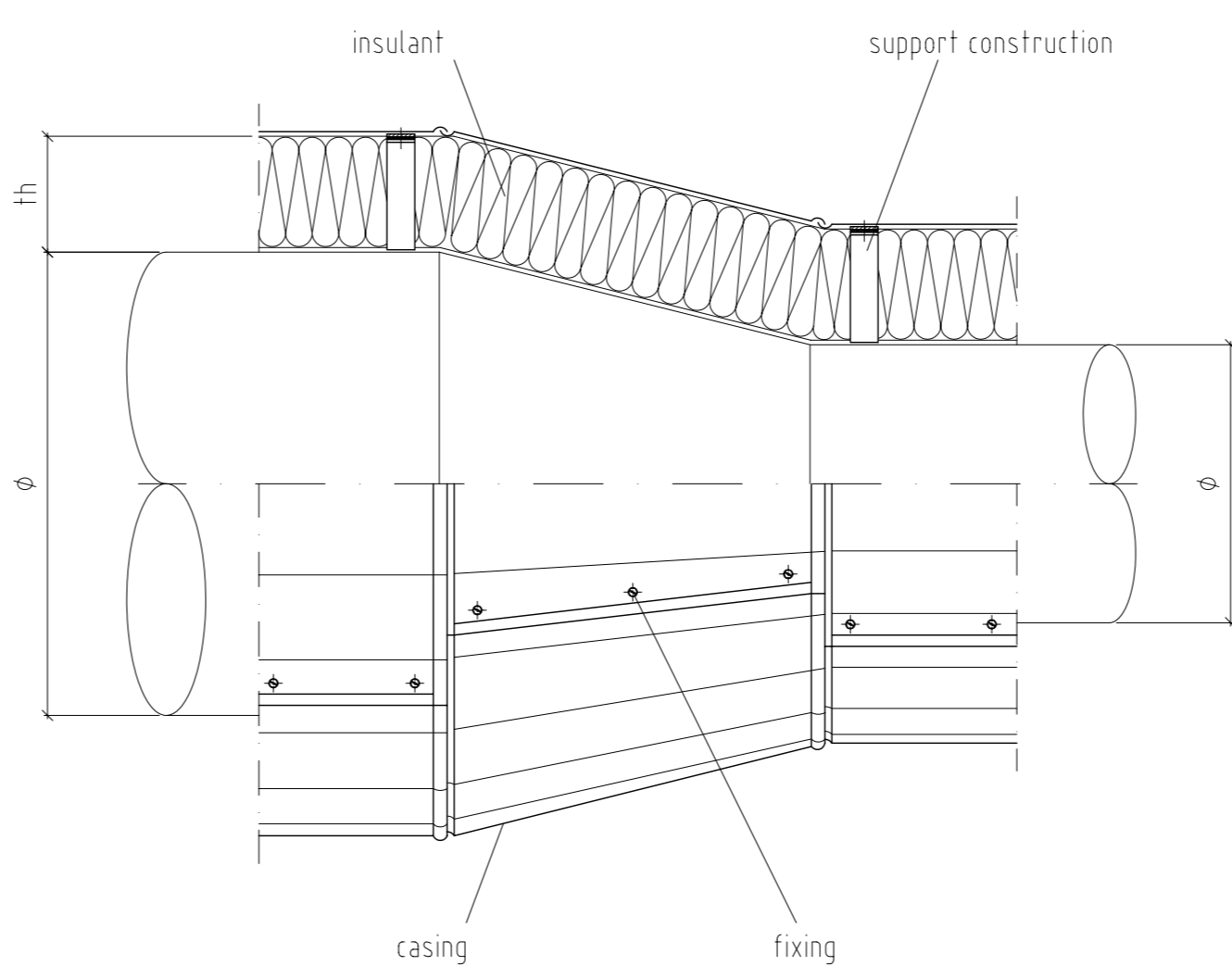
DETAIL:
Support ring



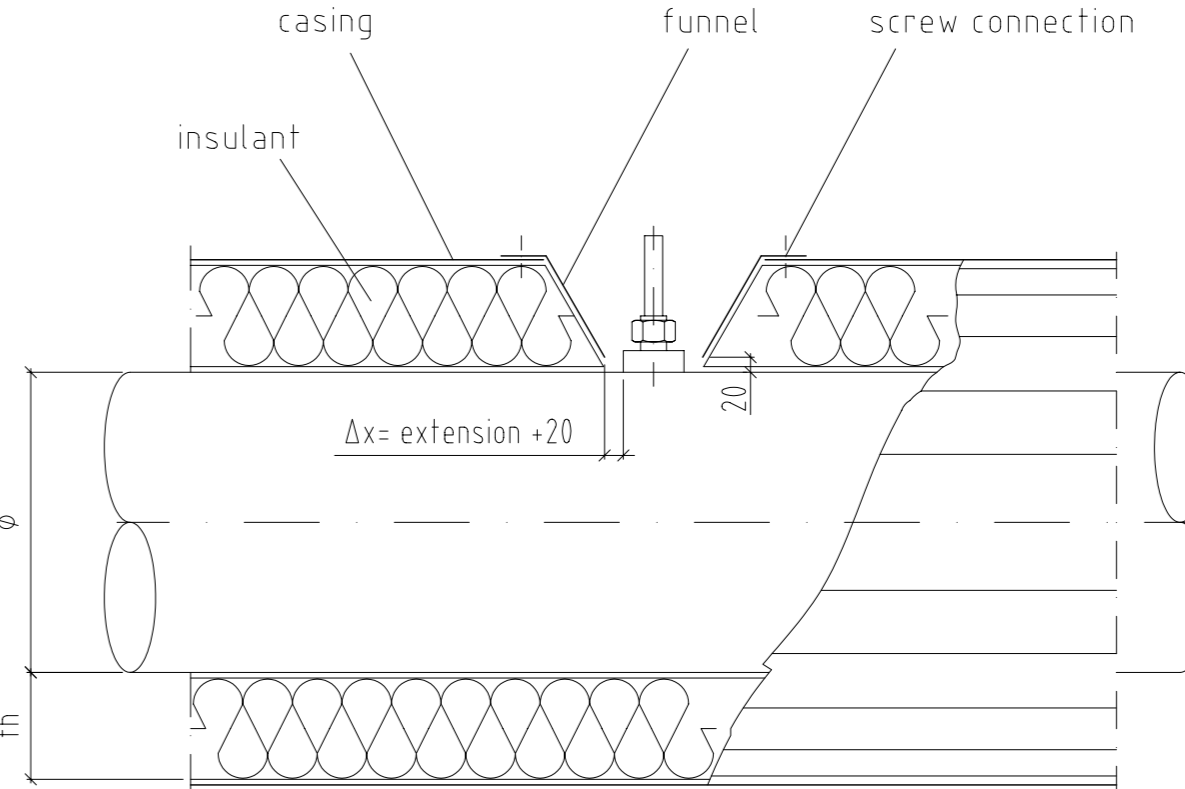
DETAIL:
Spacer ring





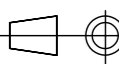


DETAIL:
Reducer



DETAIL:
Funnel



DRAWINGS VALID FOR UNIT -1 AND UNIT-2

1	09.10.09	BPUR	AMAP	MSPL	SUPPLIER CHANGED TO G&H/OKI									
0	01.05.09	RVP	IC	PRS	FIRST ISSUE									
Rev	Date	Created by	Checked by	Approved by	Description	Status								
Project (Проект)														
Maritza East I Power Station ТЕЦ Маритза Изток 1														
Company (Възложител):														
														
Space for stamp of Municipality of Gabarovo Место за печат на Община Габрово					Space for further stamps Место за допълнителни печати									
Area for Stamp of EDE Control (ООД КСБ) Место за печат на ЕДЕ Control (Одн. надзор)										A space for stamp of authorized Bulgarian Designer Место за печат на лицензиран български проектант				
Main Contractor / Главен изпълнител										Partner of Main Contractor / Партньор на главния изпълнител				
 Power Generation AG Power Boiler GmbH														
Resp. dept. / Отговорен отдел OKI / G+H ENGINEERING		Created by / Авторизирал BPUR		Checked by / Проверен AMAP		Approved by / Одобрен MSPL		Format / Формат A0						
Scale / Мащаб NOT TO SCALE				Class, no. (e.g. KKS) Класификация, № IS		for Company Review & Approval: За одобрение от Възложителя: No		Sub-Site No. / Подобит № RPE						
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						Lang. ENG		Sheet 1/1						
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