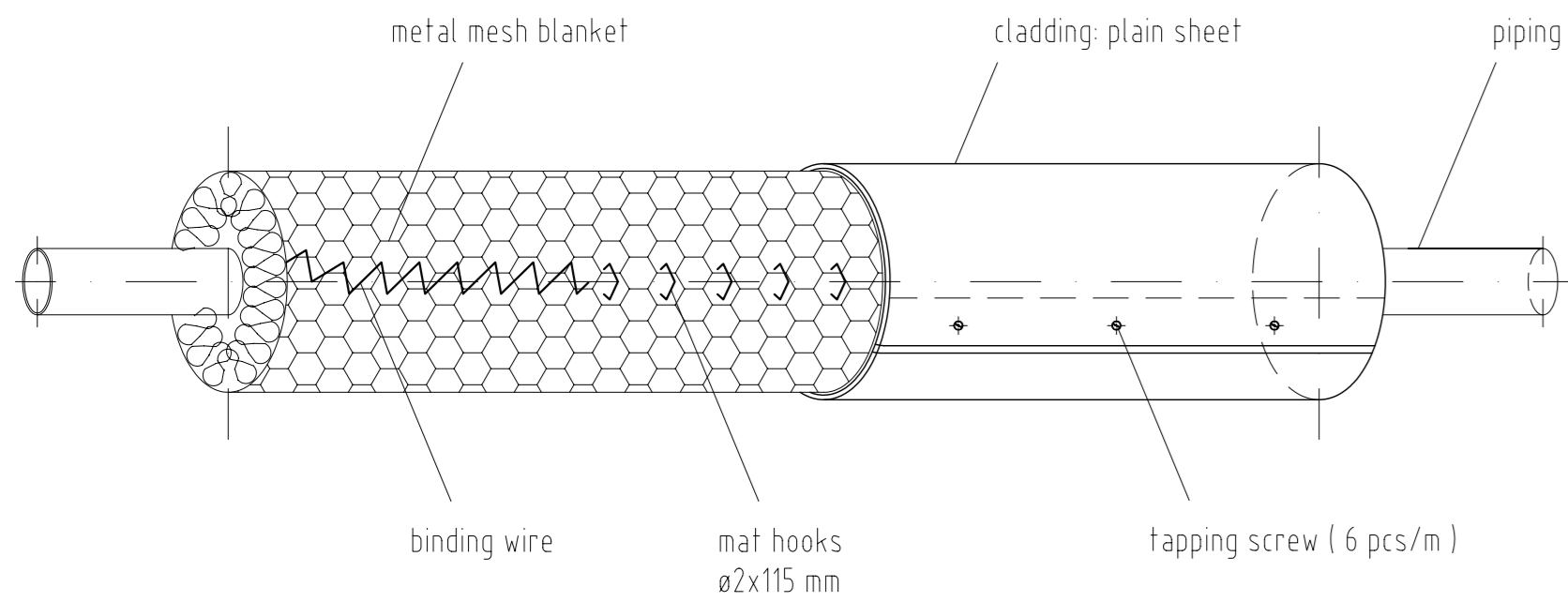
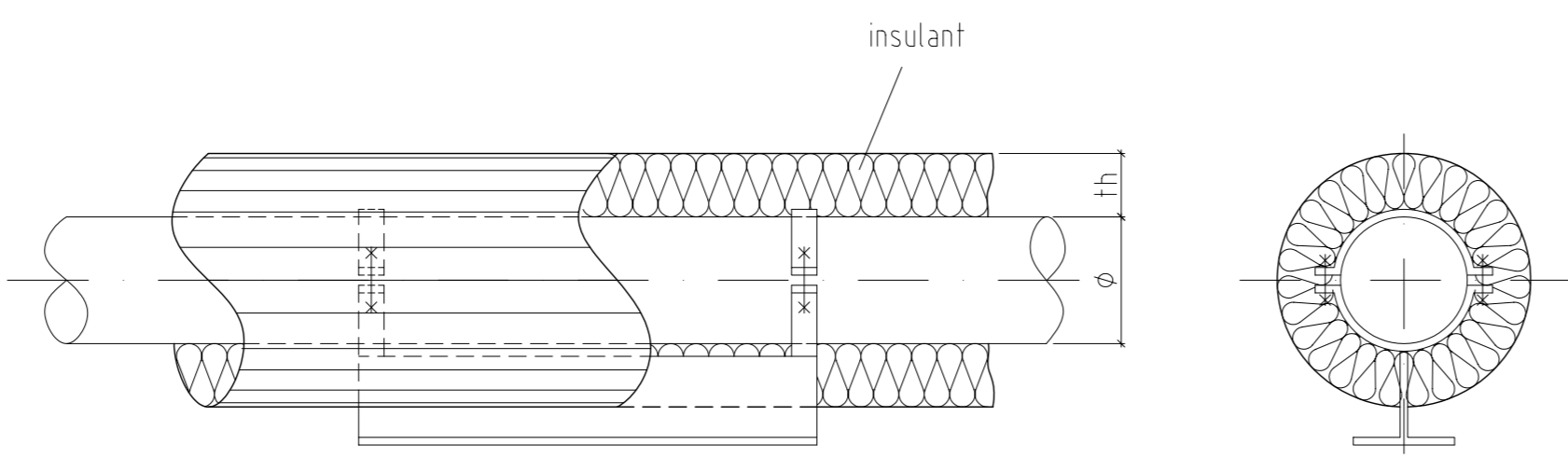


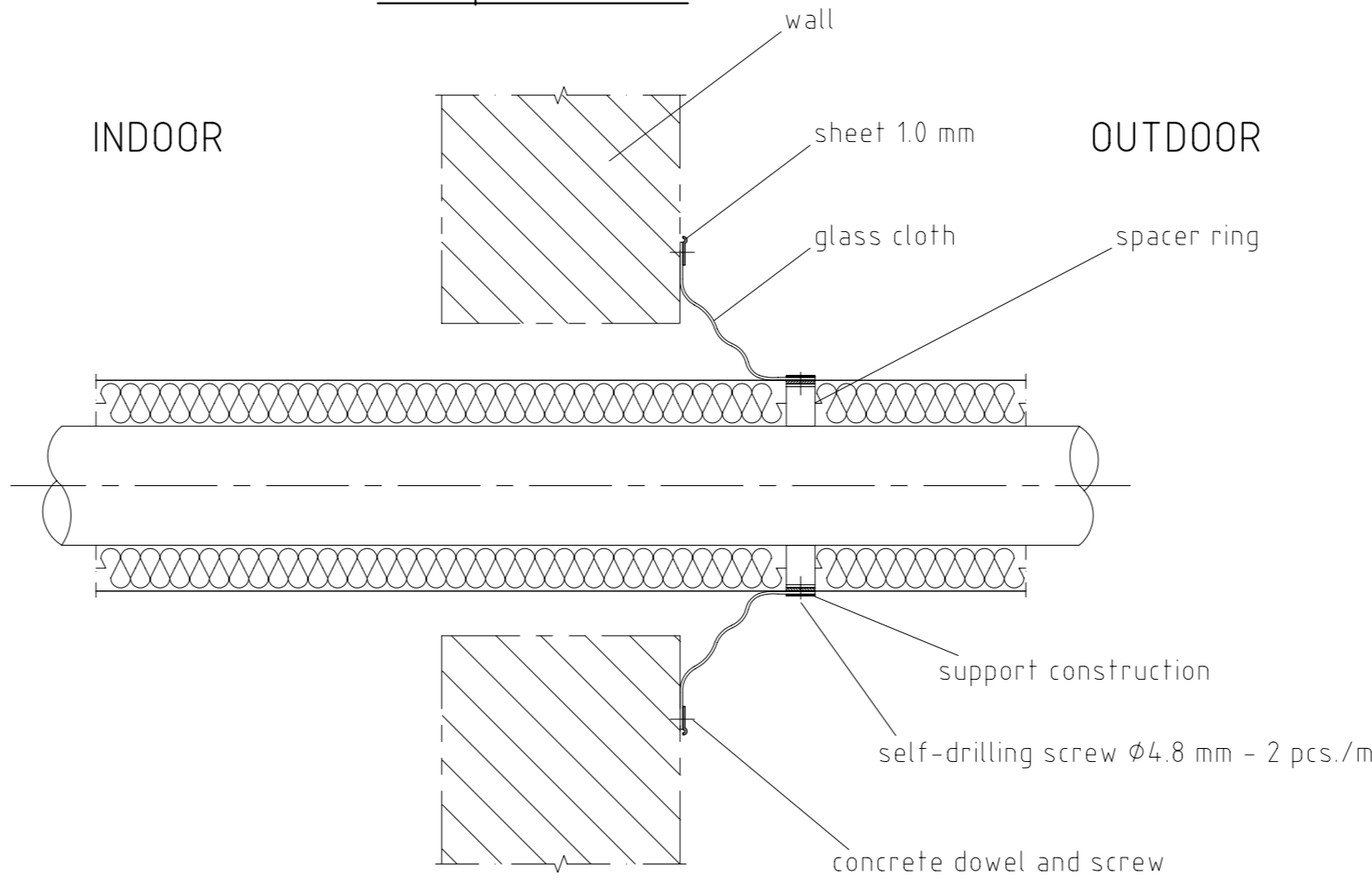
DETAIL:
Fixing of mats



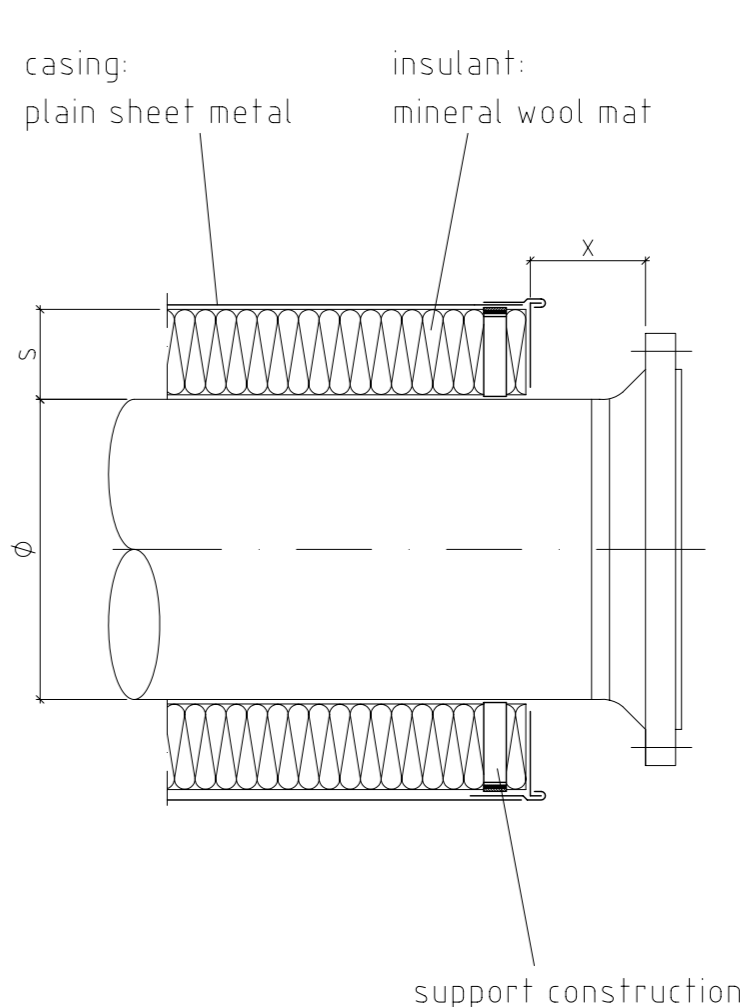
DETAIL:
Pipe support



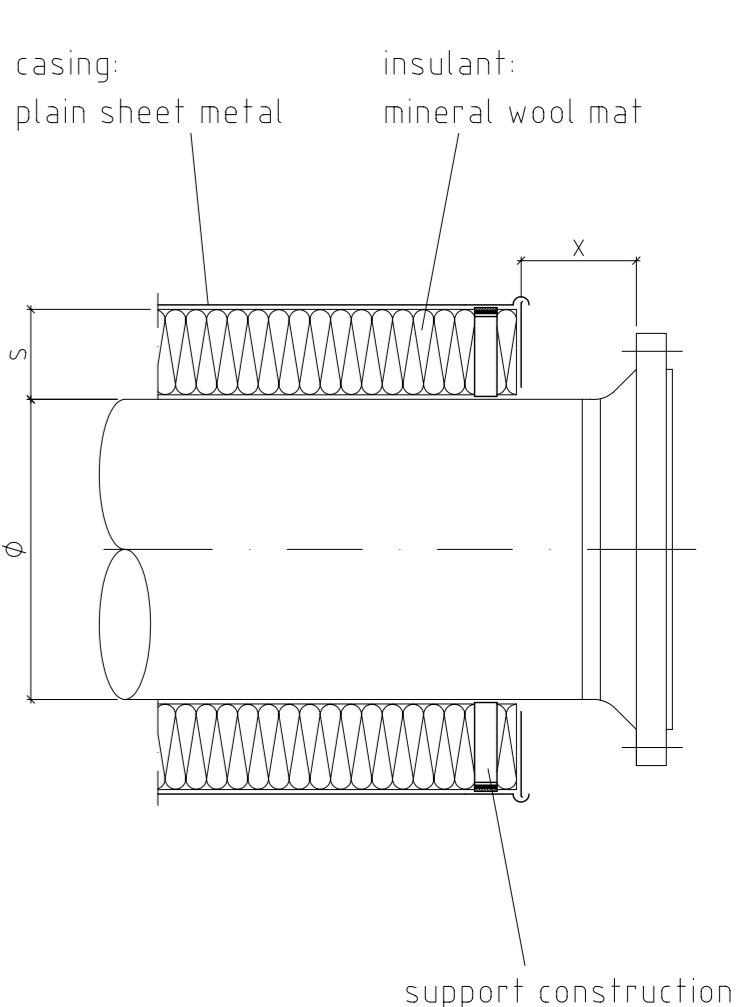
DETAIL:
Wall penetration



DETAIL:
Execution with Interstratified End Bottom
Insulation diameter > 630 mm

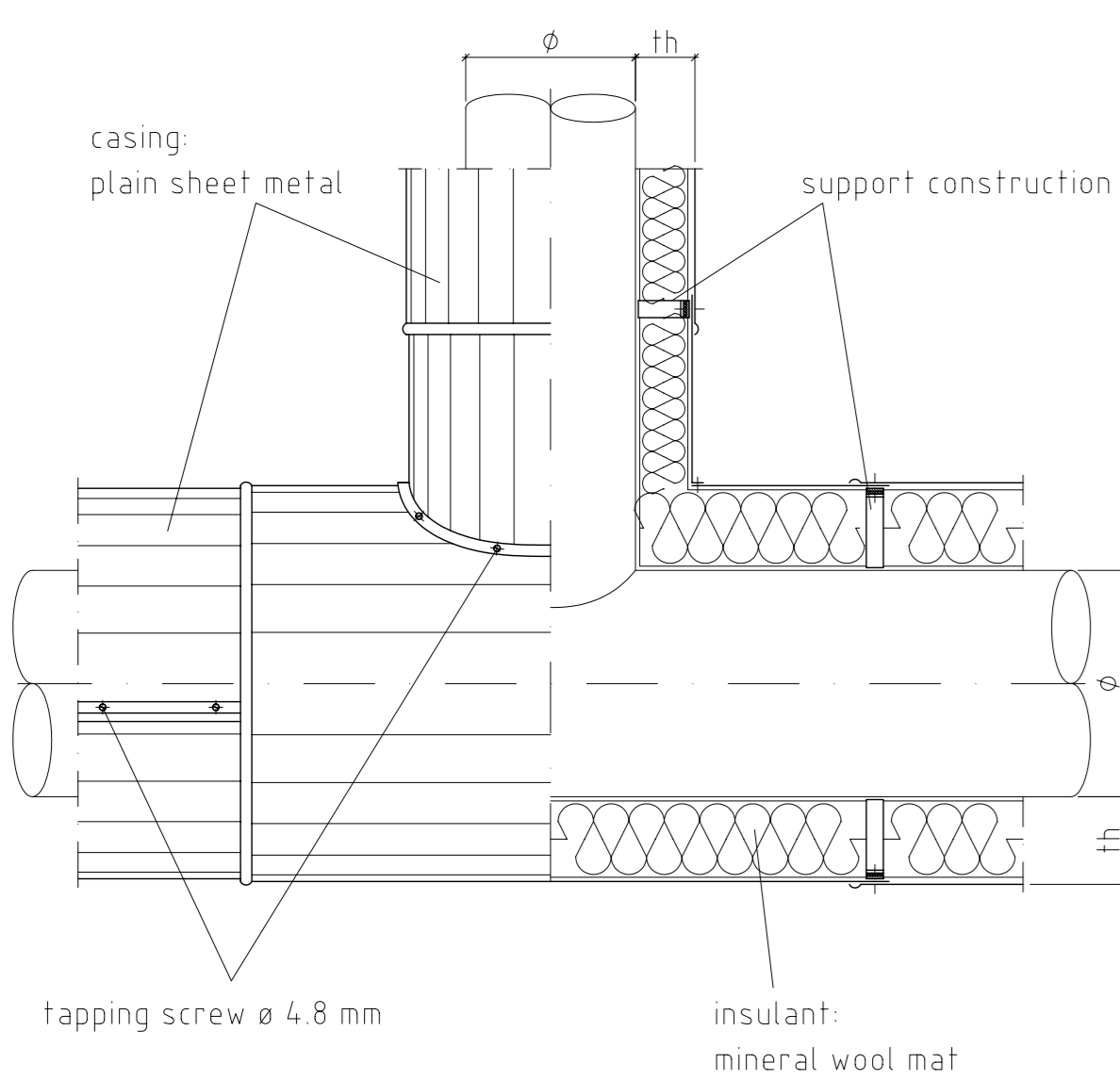


DETAIL:
Execution with loose End Bottom
Insulation diameter < 630 mm

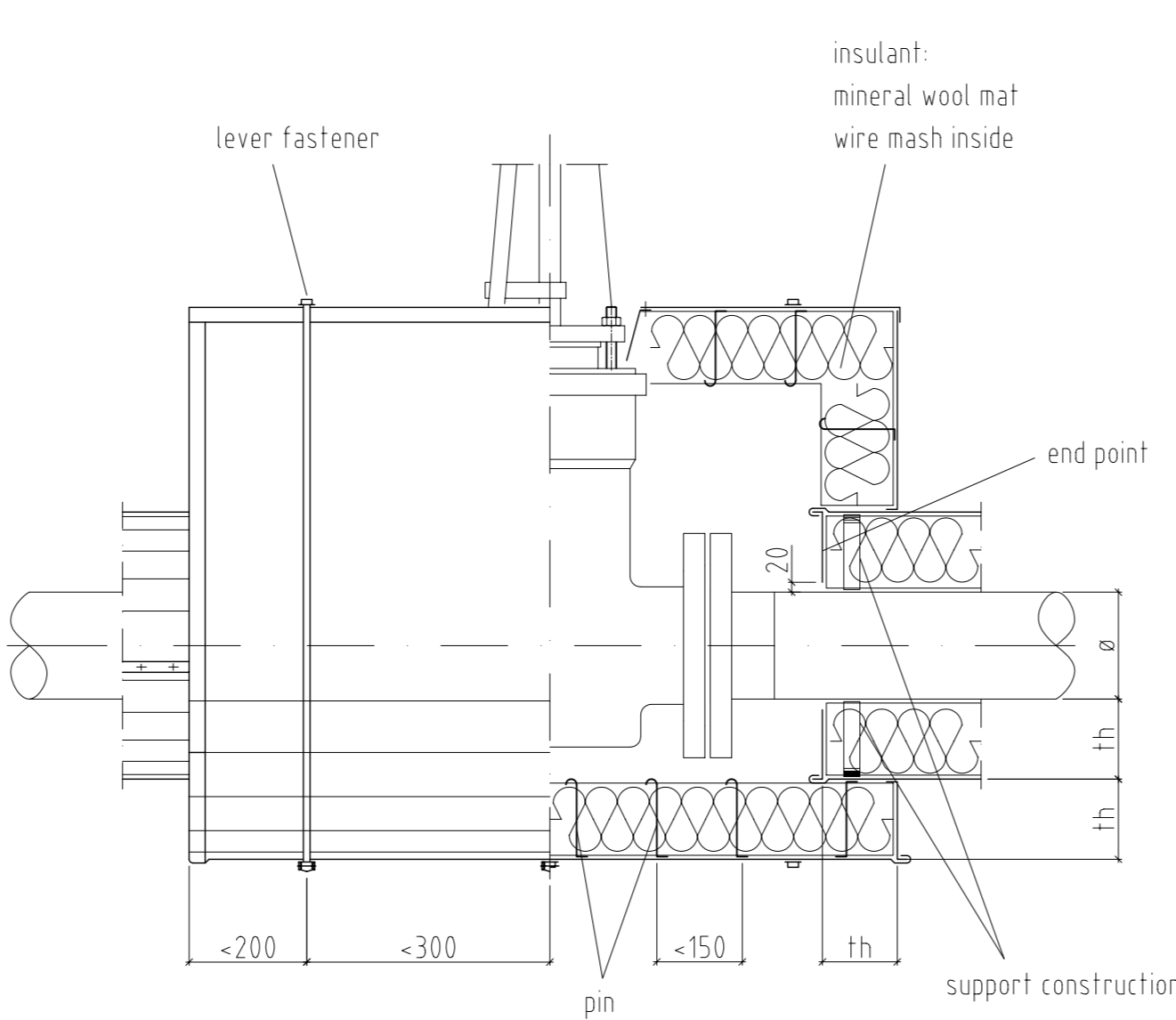


Take into account on pipe movements in lateral direction.
If necessary, reduce insulation thickness in the area of the wall penetration.

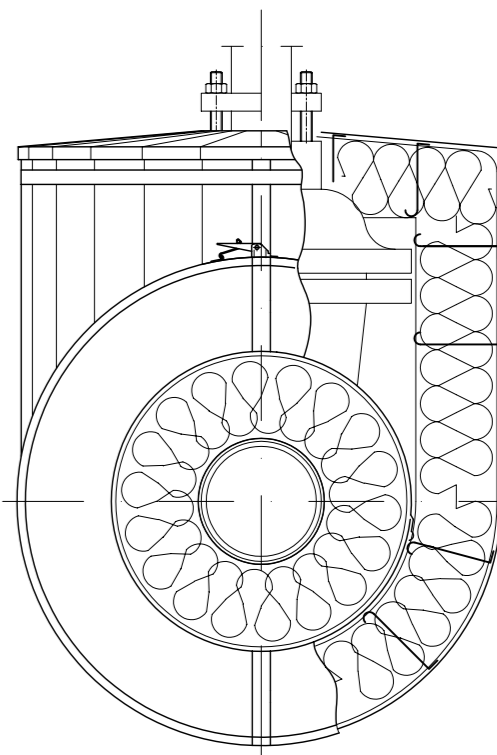
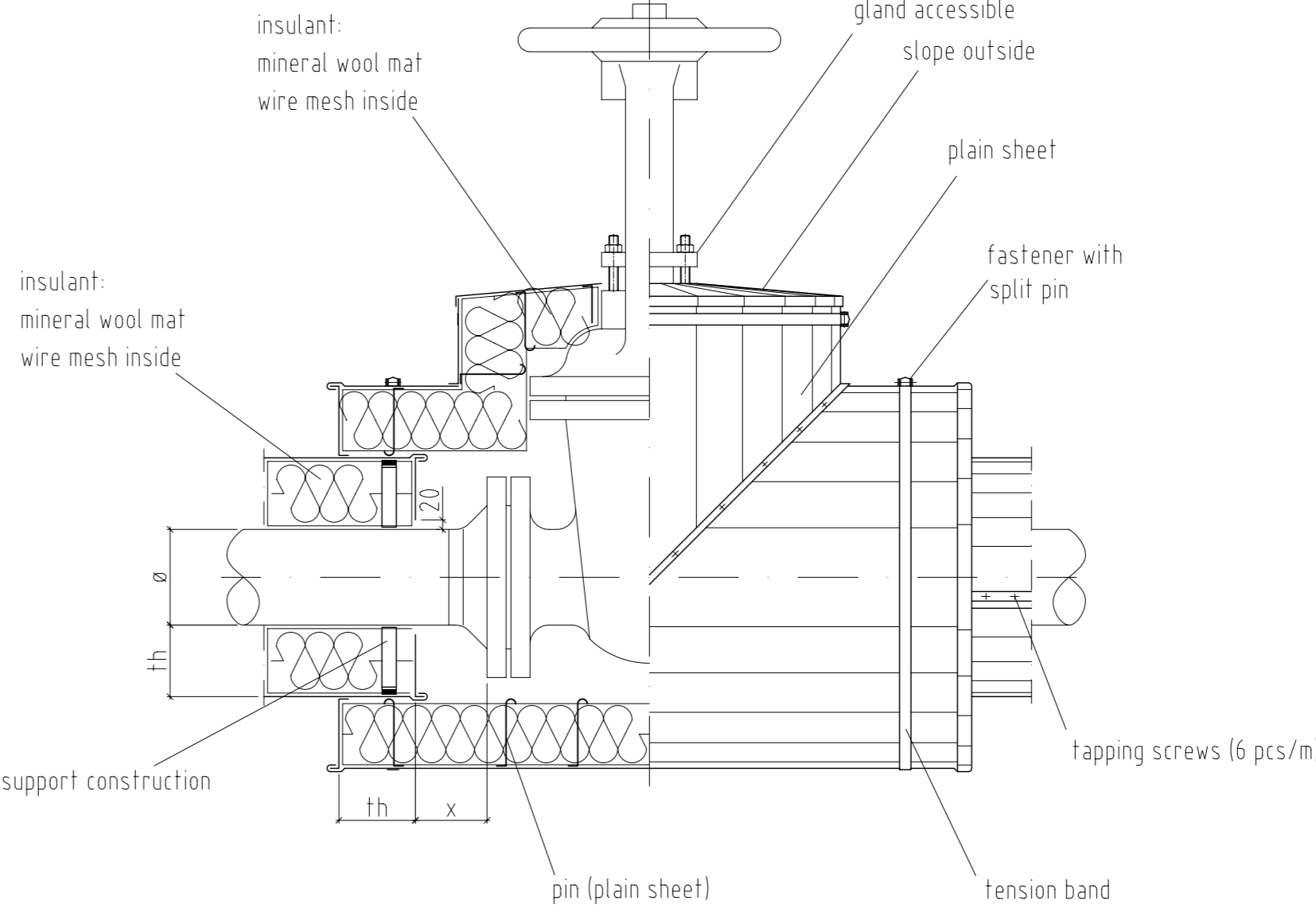
DETAIL:
Nozzle



DETAIL:
Removable box for valves

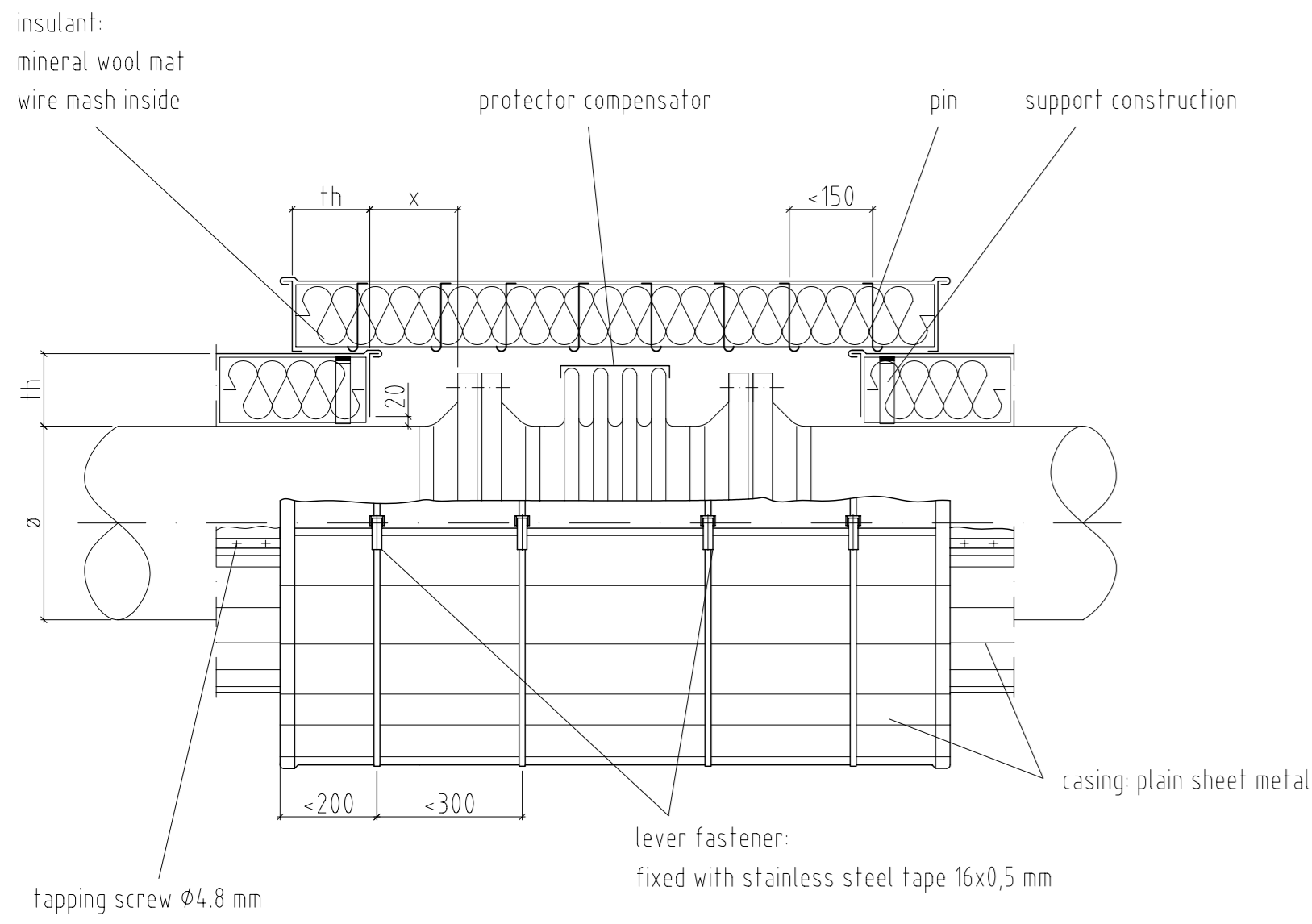


DETAIL:
Removable box for 90° tap

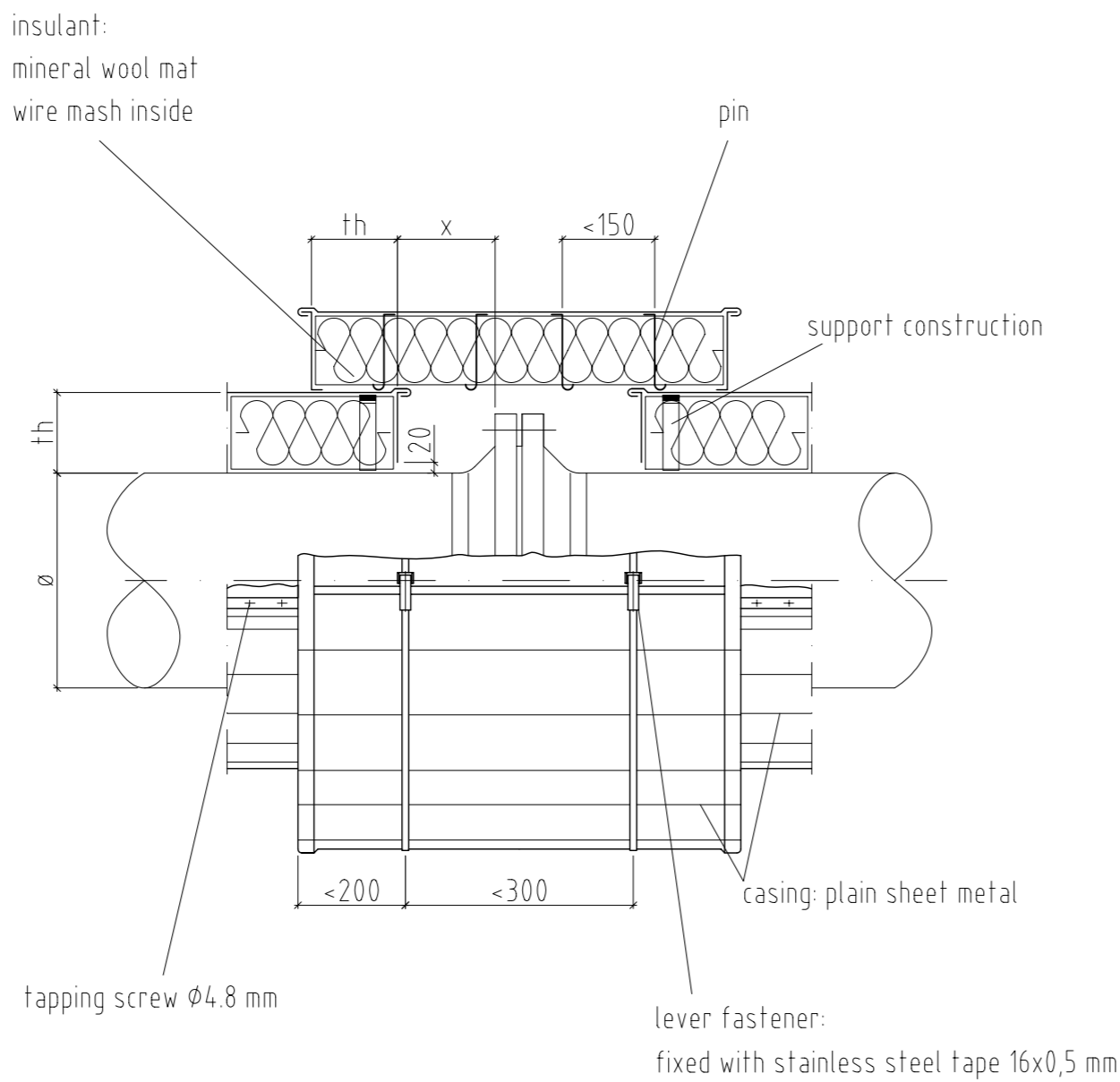


Legend:
th = insulation thickness
ø = diameter pipe
ø = overlapping
SS = sliding seam

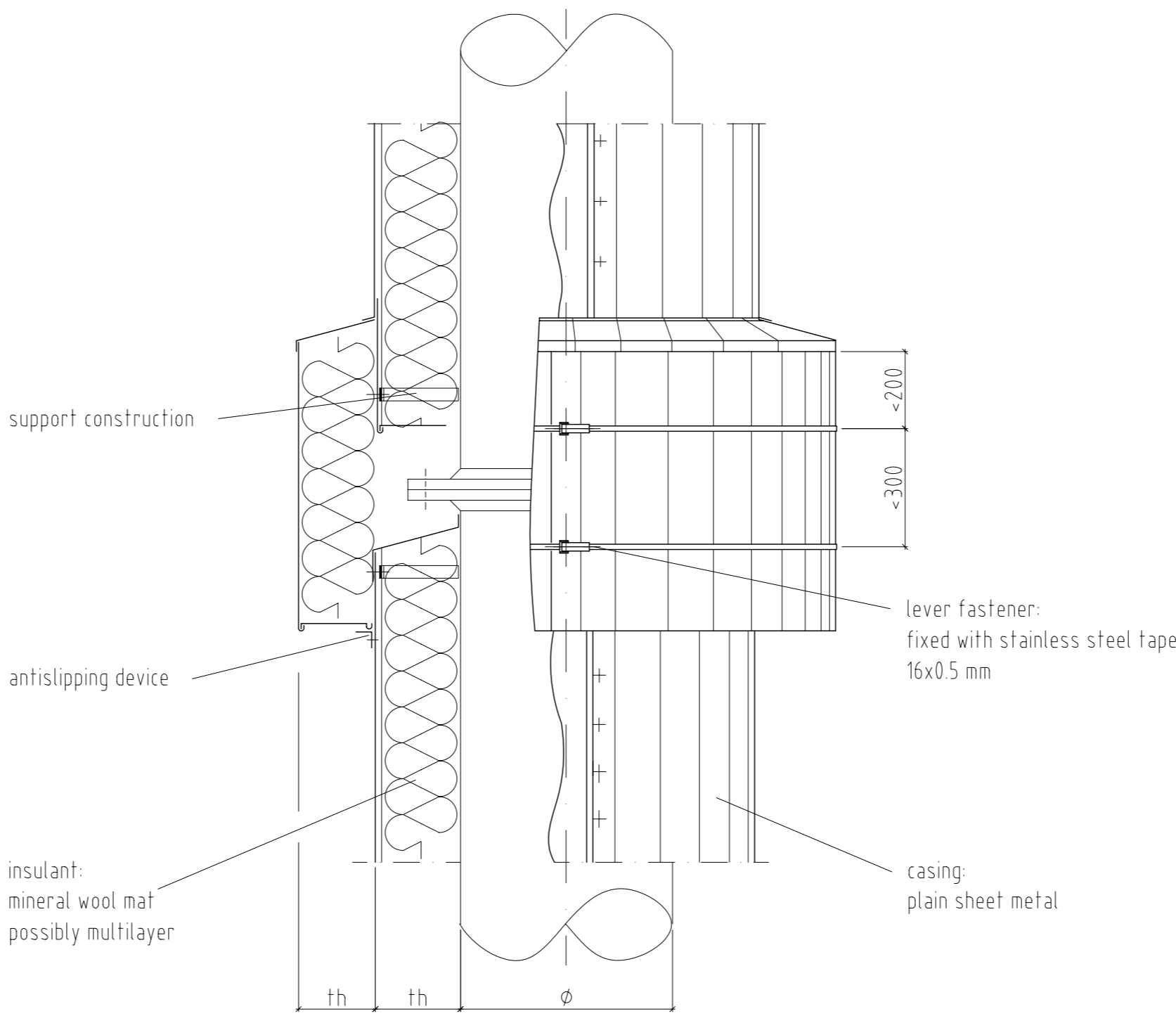
DETAIL:
Compensator box



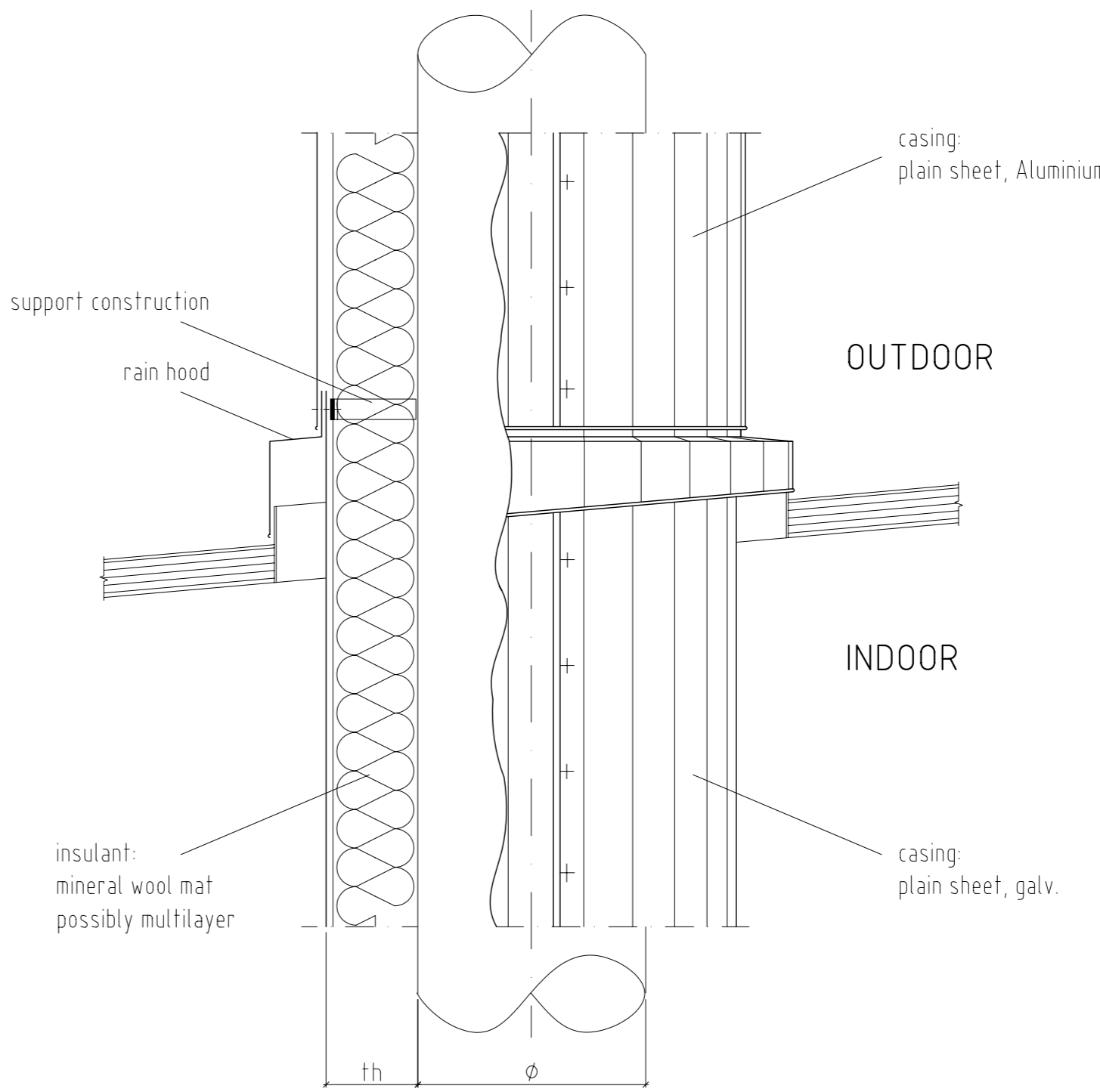
DETAIL:
Removable box for flanges,
horizontal




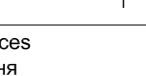

DETAIL:
Removable box for flanges,
vertical (outside)



DETAIL:
Pipe penetration – Roof



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 Марица 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 EOE Control OOD (ICS) Место за печат на EOE Control OOD (Национал. надзор)				ASpace for stamp of authorized Bulgarian Designer Место за печат на лицензиран български проектант		
Main Contractor / Главен изпълнител ALSTOM Power Generation AG Power Boiler GmbH				Partner of Main Contractor / Партньор на главния изпълнител		
Reas. dept. / Изпълнен отдел OKI / G+H ENGINEERING		Created by / Изготвил BPUR		Checked by / Проверен AMAP		Approved by / Одобрено MSPL
Format / Формат A0						
Scale / Мащаб NOT TO SCALE				Class, no. (e.g. KKS) Класификац. №		for Company Review & Approval: За одобрение от Възложителя NO
Derived from / Произведен от		Release / Замени		Doc. Type / Тип на документа ES		Sub-Site No. / Подобект №
Logo of Legal Owner Официален собственик		Sub-Contractors Doc Number / № на документа на подизпълнителя		Consortium Partner Document Code № на документа на партньора в консорциума 168120/00-771-0002		
		Title, Subtitle / Заглавие, подзаглавие HEAT INSULATION GENERAL DETAILS PIPING		Project Doc. Number / № на проектния документ MTZ/12/B/-----0071/ES/002		
Rev. Rev. 0		Date 01.05.2009		Lang. Eng		Sheet 1 / 1

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