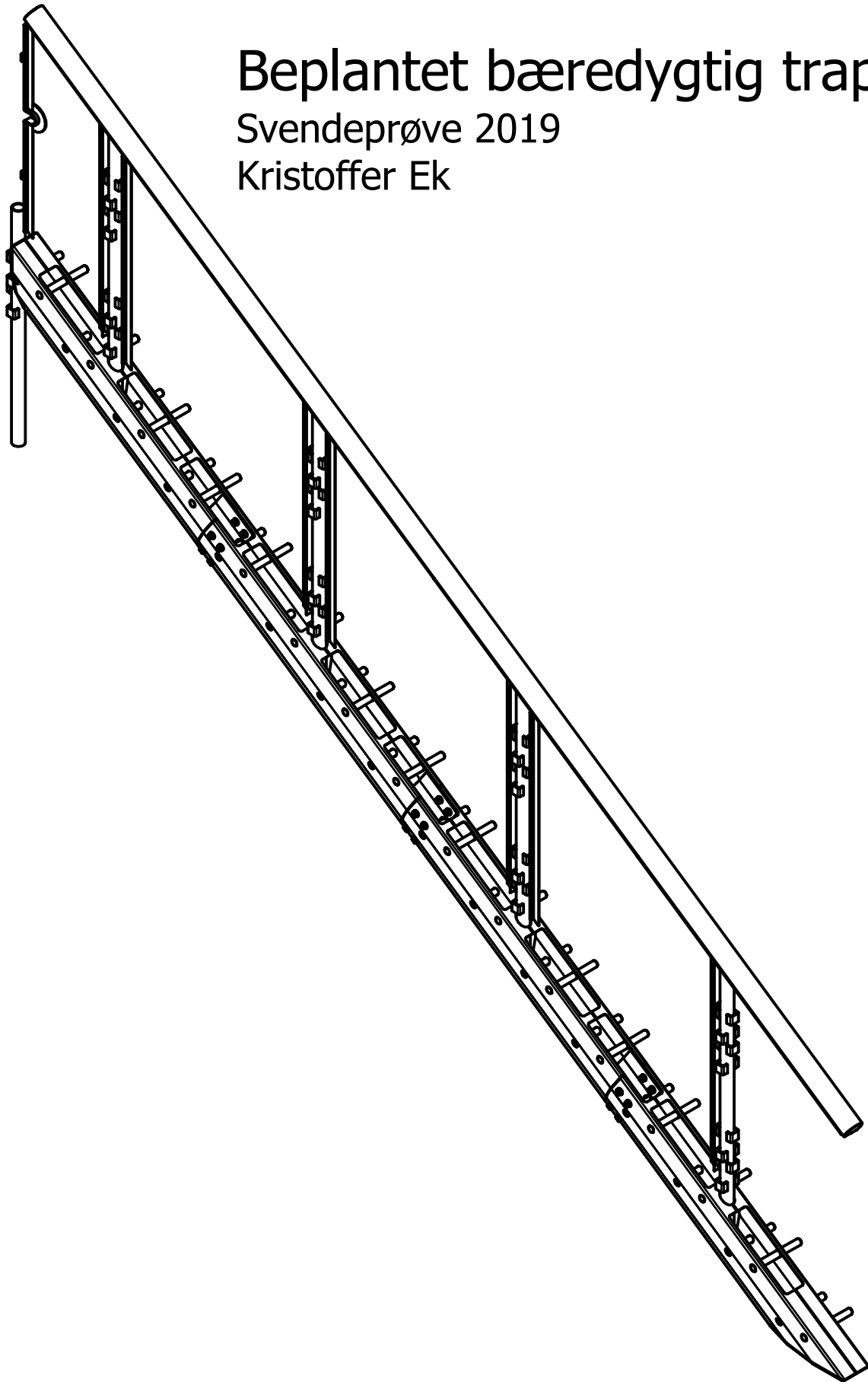


# Beplantet bæredygtig trappe

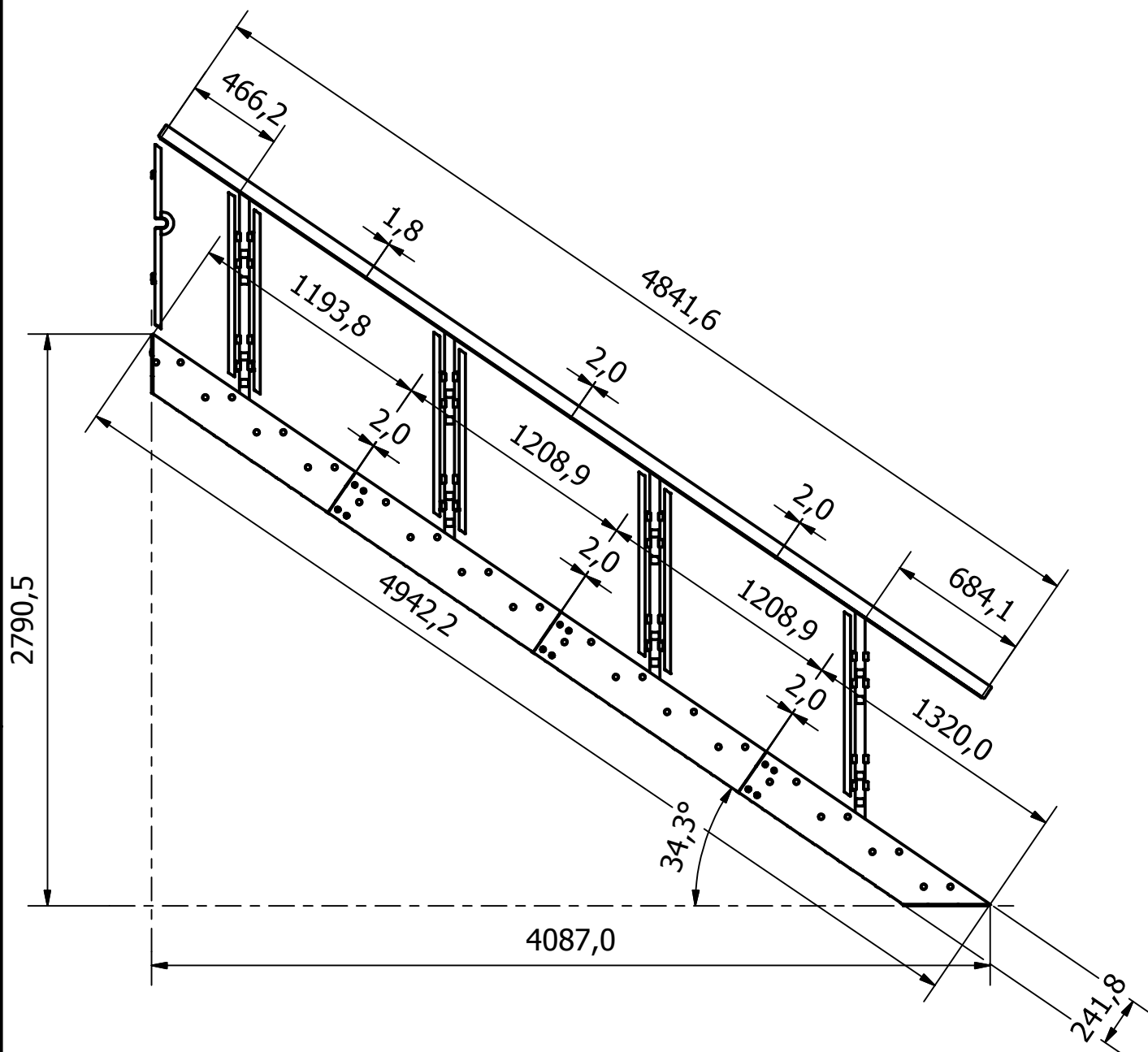
Svendeprøve 2019

Kristoffer Ek

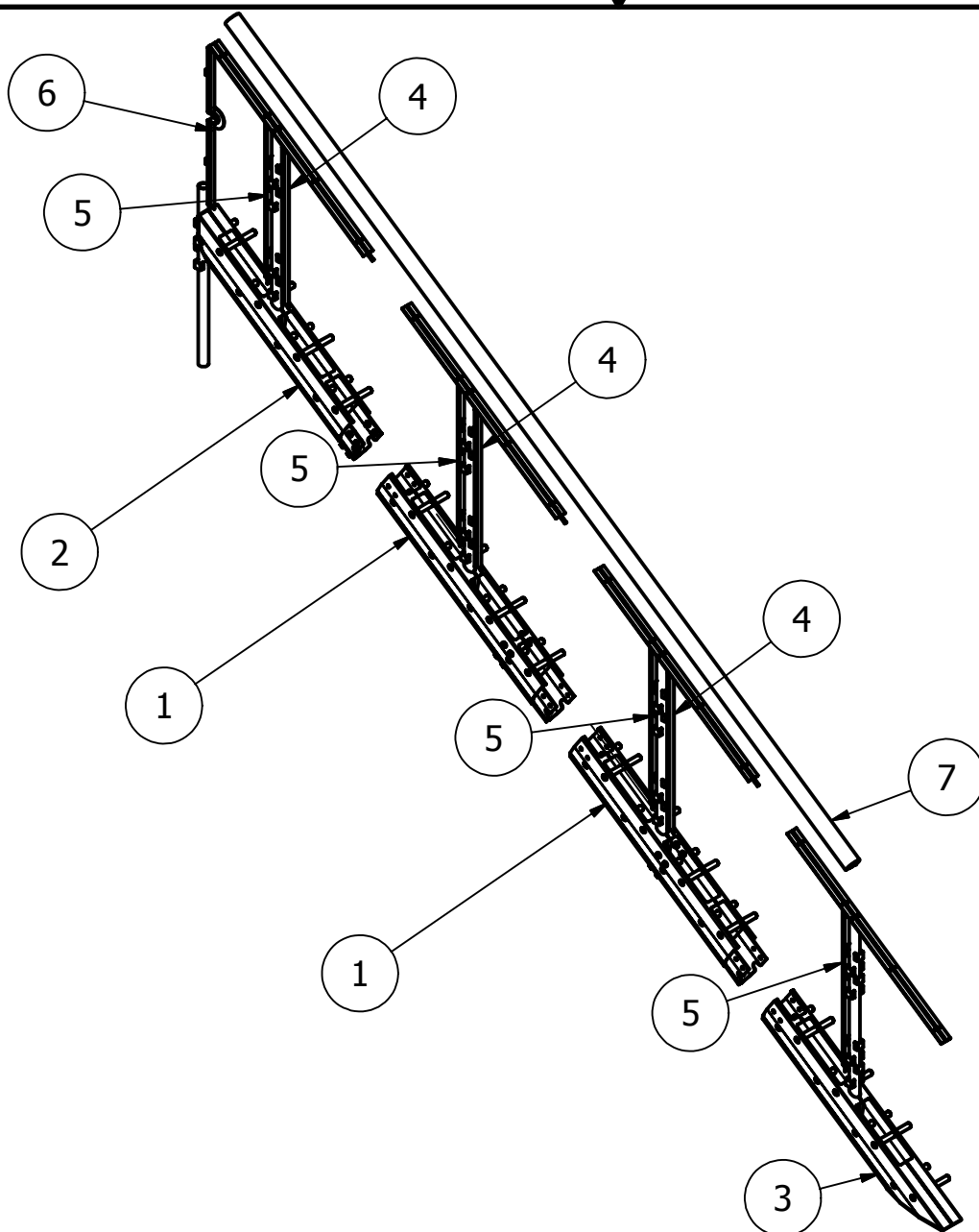


Designed by Kristoffer Ek	Checked by	Approved by	Date	Date 26-09-2019	
			Beplantet bæredygtig trappe	Edition 1.9.8	Sheet 1 / 38

Overordnede mål ( 1:30 )



Designed by Kristoffer Ek	Checked by	Approved by	Date	Date 26-09-2019	
			Bepantet bæredygtig trappe	Edition 1.9.8	Sheet 2 / 38



### STYKLISTE

#	Antal	Betegnelse	Materiale	Noter
1	2	Modul		Side 4
2	1	Modul top		Side 10
3	1	Modul bund		Side 11
4	3	Hegnspæl		Side 29
5	4	Hegnspæl omvendt		Side 29
6	1	Hegnspæl, platform		Side 30
7	1	Træhåndfang	Wood (Birch)	
9	48	ISO 7089 - 12		
10	24	ISO 4032 - M12		
11	24	ISO 4017 - M12 x 30		

Designed by  
Kristoffer Ek

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Approved by

Date

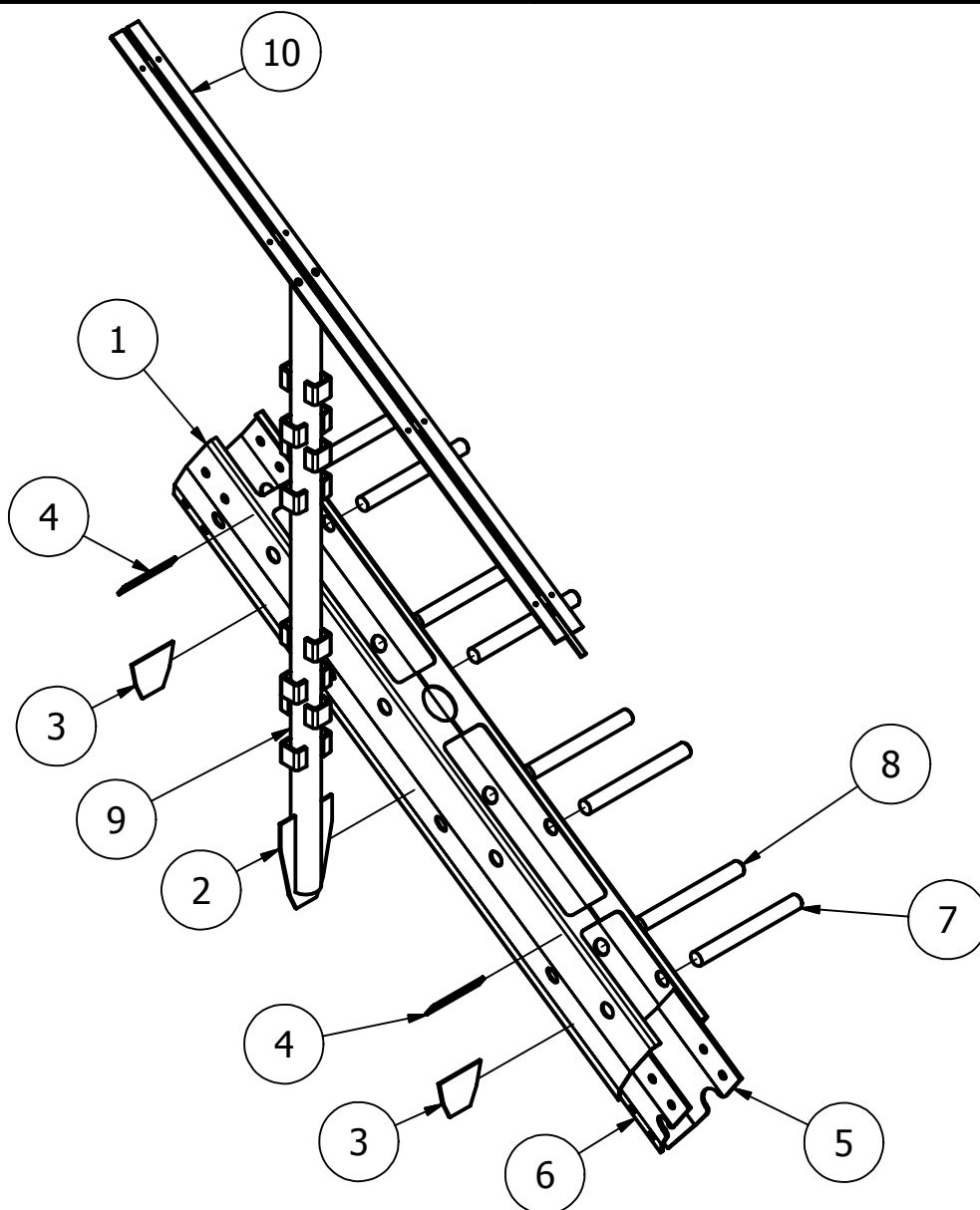
Date

26-09-2019

Bepantet bæredygtig trappe

Edition  
1.9.8

Sheet  
3 / 38



# STYKLISTE

#	Antal	Betegnelse	Materiale	Noter
1	1	vange	S355MC	Side 13
2	1	baluster-fod	S355MC	Side 22
3	2	skot	S355MC	Side 23
4	2	skot opad	S355MC	Side 23
5	1	laske	S355MC	Side 24
6	1	laske spejlet	S355MC	Side 24
7	4	trapestift	S355J2	Side 28
8	4	trapestift skrå	S355J2	Side 28
9	1	stilladssøjle		
10	1	håndfang		Side 12

Designed by  
Kristoffer Ek

Checked by

Approved by

Date

Date

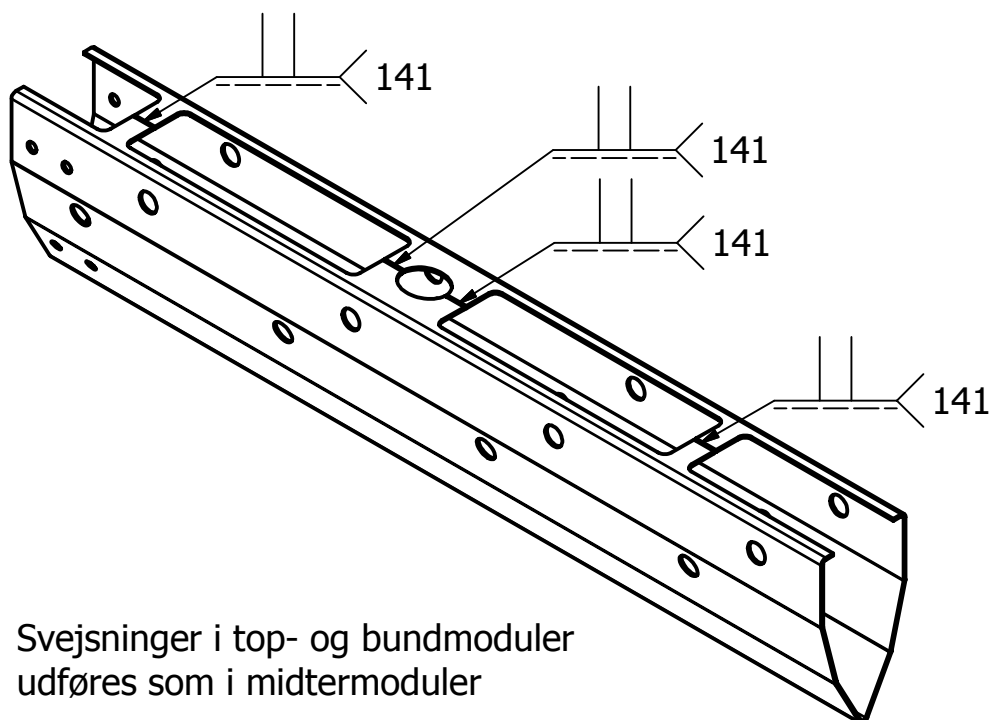
26-09-2019

Modul

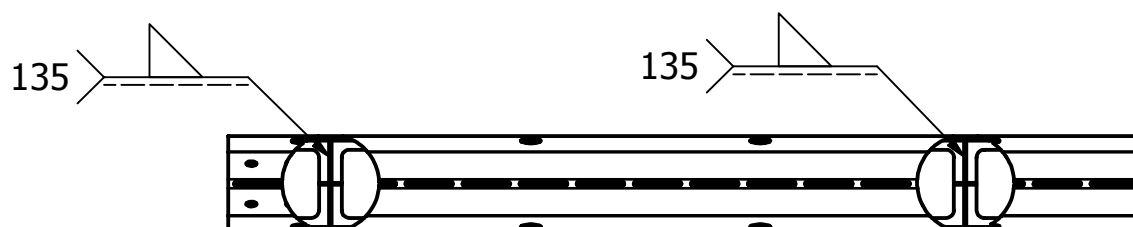
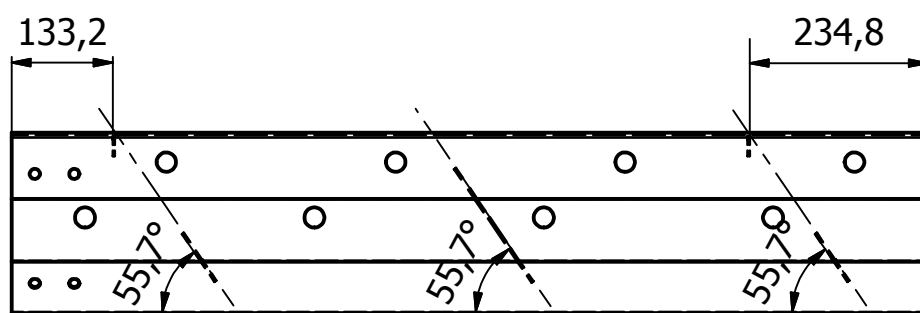
Beplantet bæredygtig trappe

Edition  
1.9.8

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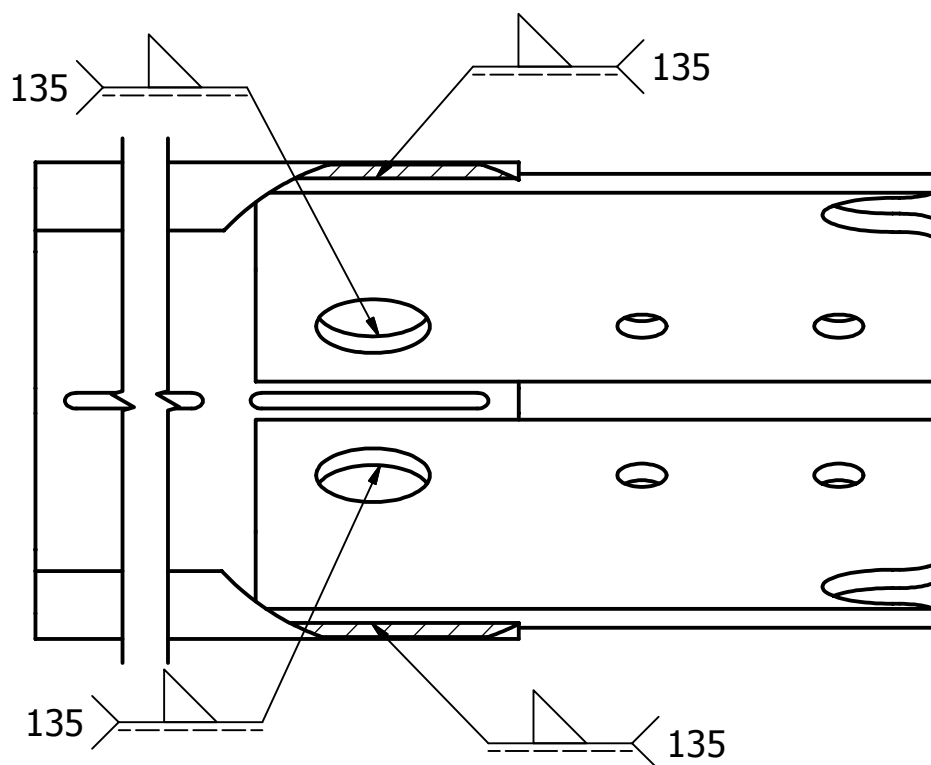


Svejsninger i top- og bundmoduler udføres som i midtermoduler



Designed by Kristoffer Ek	Checked by	Approved by	Date	Date 26-09-2019	
Svejsninger skot					
			Beplantet bæredygtig trappe	Edition 1.9.8	Sheet 5 / 38

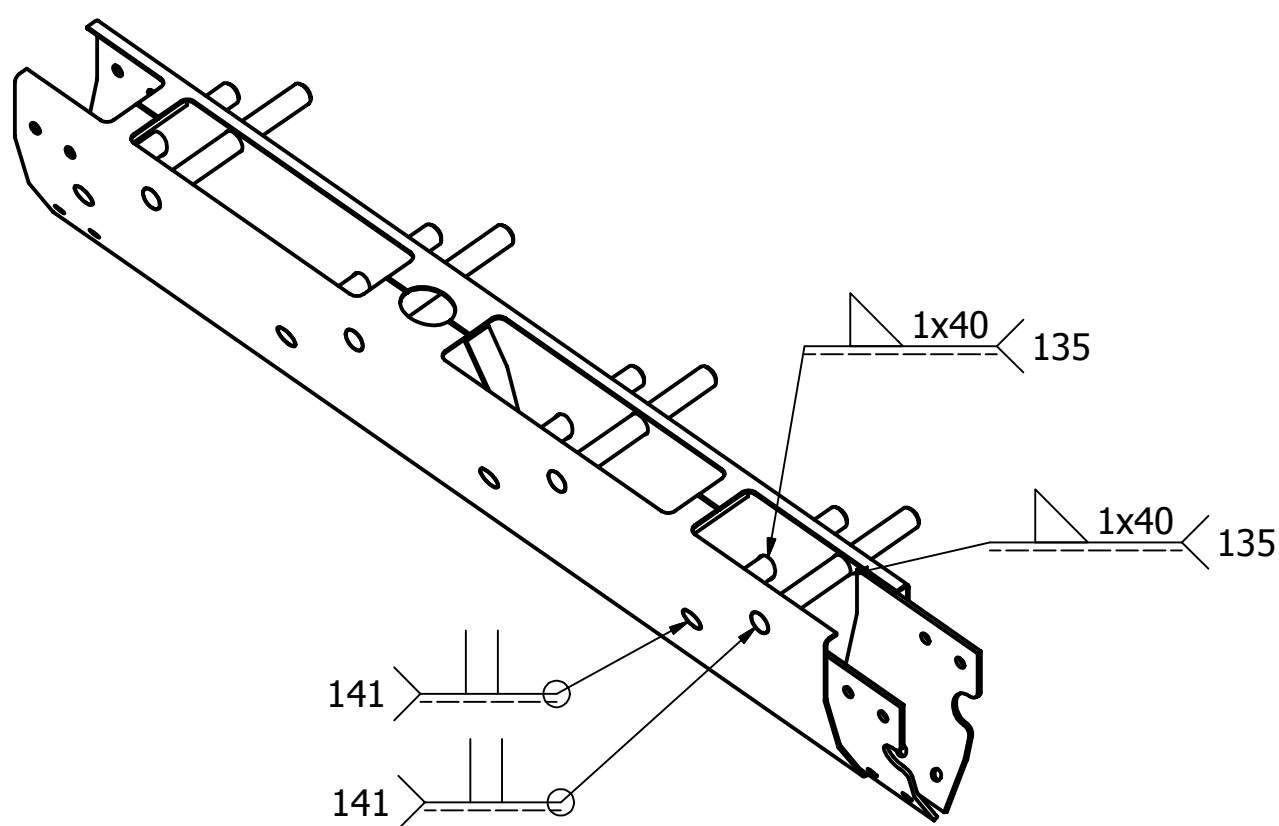
Svejsninger i topmoduler  
udføres som i midtermoduler



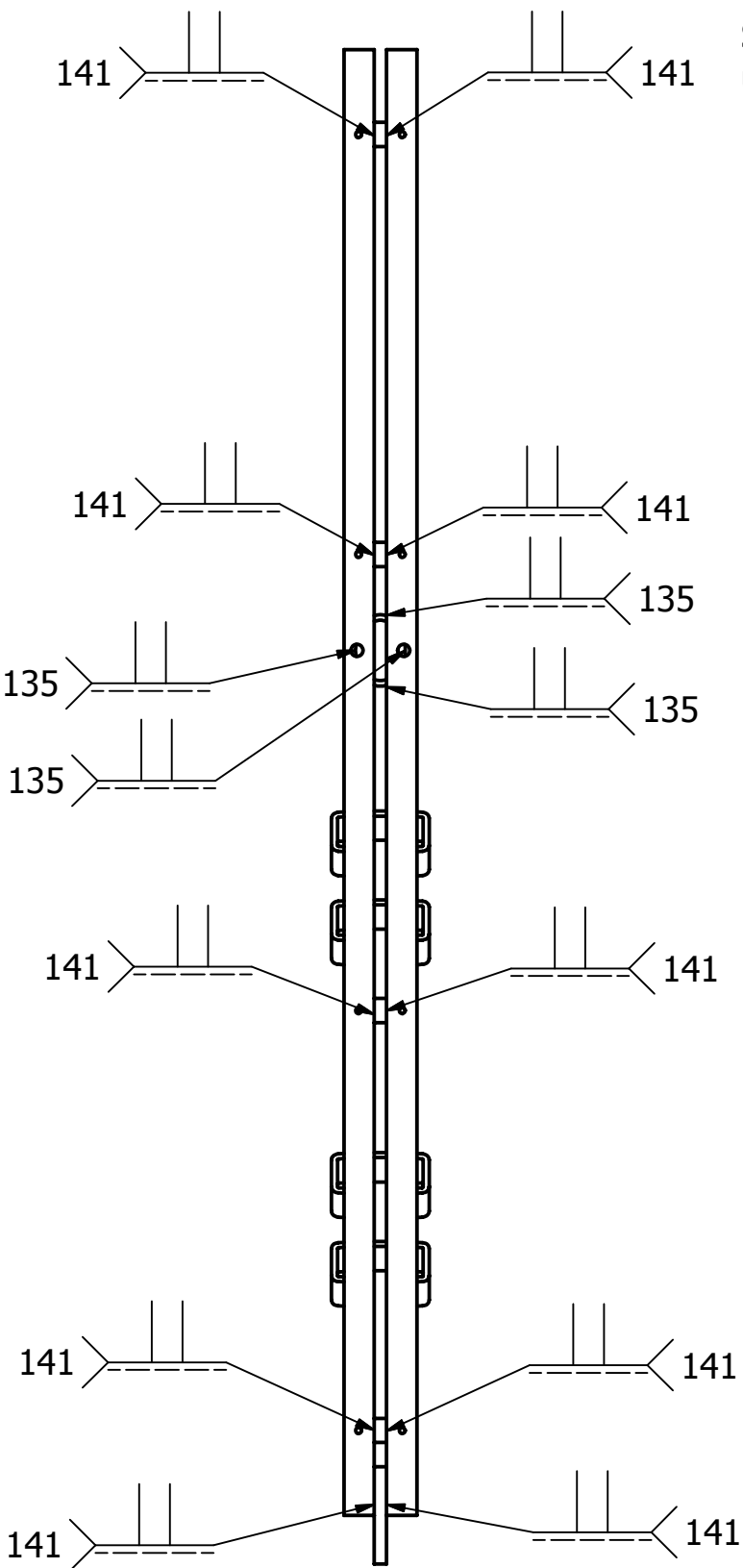
Placering af lasker sker ved at montere lasker  
med skruer på nabomodul adskilt af 2 mm spalte  
mellem moduler

Designed by Kristoffer Ek	Checked by	Approved by	Date	Date 26-09-2019	
Svejsninger af lasker					
			Beplantet bæredygtig trappe	Edition 1.9.8	Sheet 6 / 38

Svejsninger i top- og bundmoduler  
udføres som i midtermoduler



Designed by Kristoffer Ek	Checked by	Approved by	Date		Date	
					26-09-2019	
Svejsning af stifter						
			Beplantet bæredygtig trappe	Edition 1.9.8	Sheet 7 / 38	

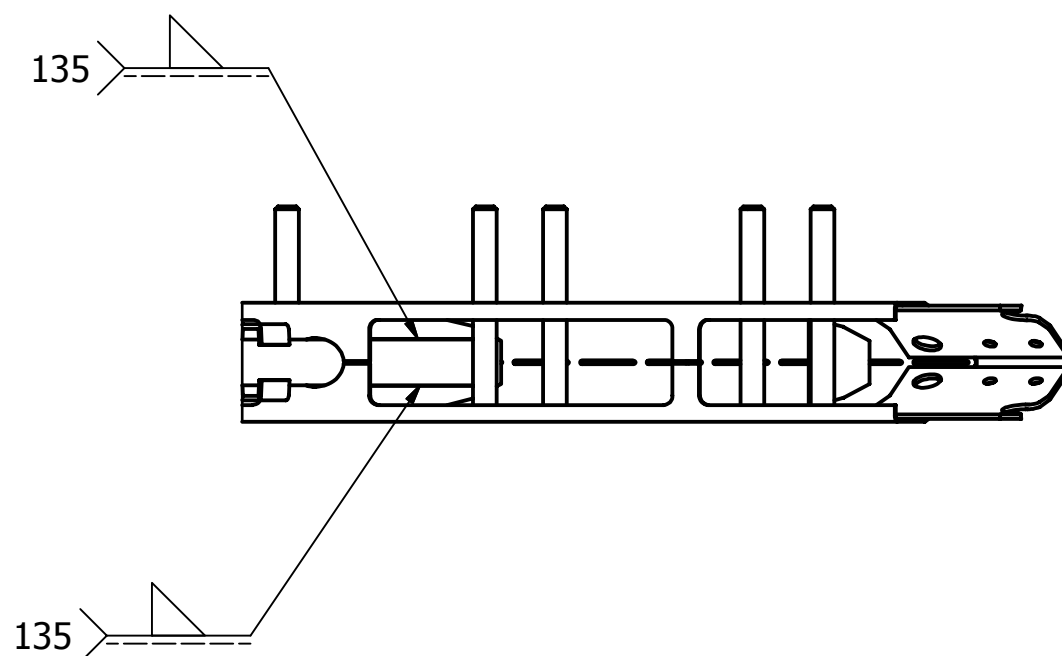


Svejsninger i top- og bundmoduler udføres som i midtermoduler

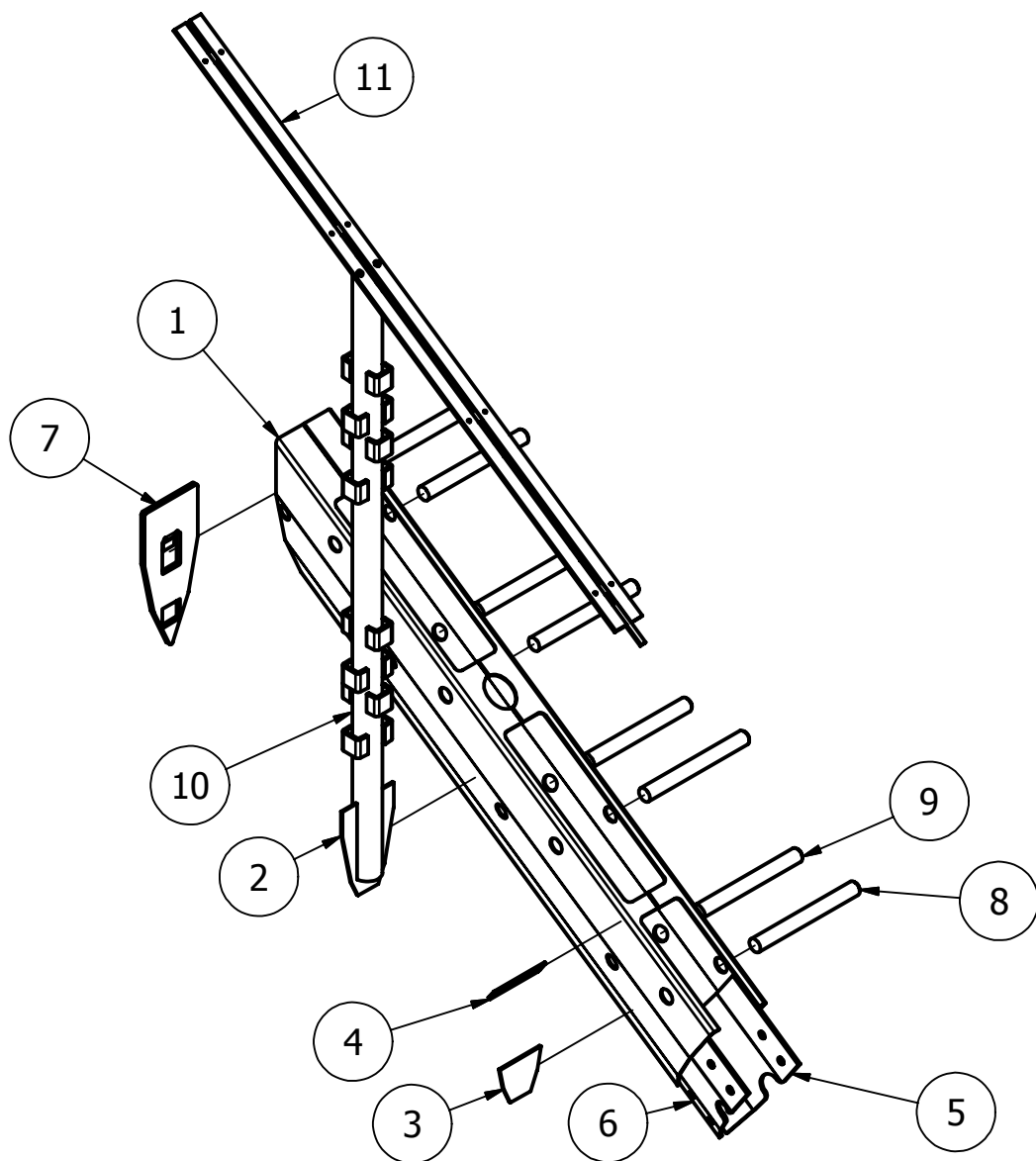
Designed by Kristoffer Ek	Checked by	Approved by	Date	Date 26-09-2019	
Svejsning af håndfang					
			Beplantet bæredygtig trappe	Edition 1.9.8	Sheet 8 / 38



Svejsninger i top- og bundmoduler  
udføres som i midtermoduler



Designed by Kristoffer Ek	Checked by	Approved by	Date		Date	26-09-2019
Svejsning af baluster på vange						
			Beplantet bæredygtig trappe		Edition 1.9.8	Sheet 9 / 38



### STYKLISTE

#	Antal	Betegnelse	Materiale	Noter
1	1	vange top	S355MC	Side 16
2	1	baluster-fod	S355MC	Side 22
3	1	skot	S355MC	Side 23
4	1	skot opad	S355MC	Side 23
5	1	laske	S355MC	Side 24
6	1	laske spejlet	S355MC	Side 24
7	1	top vange-endeplade	S235JR	Side 27
8	4	trappestift	S355J2	Side 28
9	4	trappestift skrå	S355J2	Side 28
10	1	stilladssøjle		
11	1	håndfang		Side 12

Designed by

Kristoffer Ek

Checked by

Approved by

Date

Date

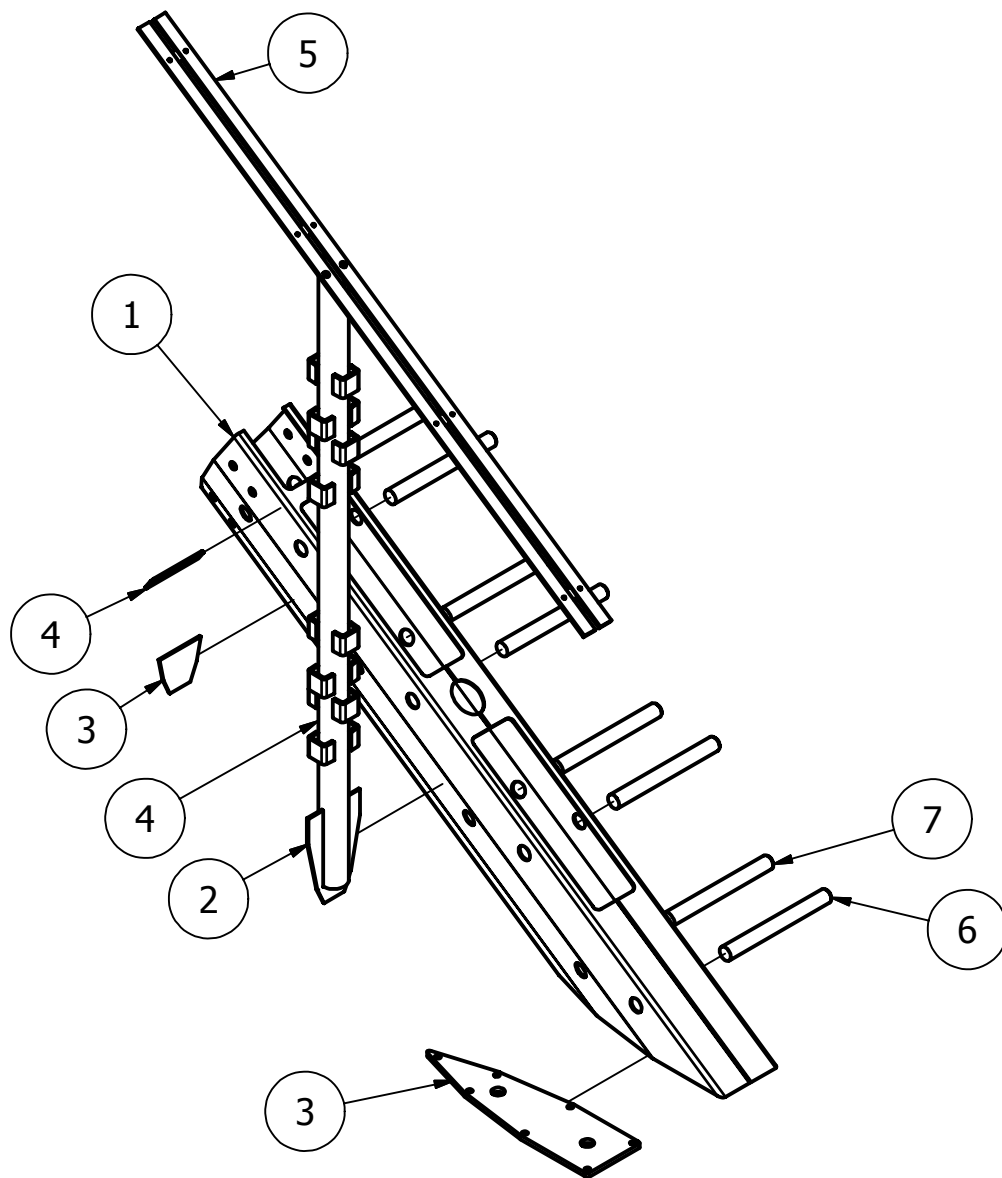
26-09-2019

Modul top

Beplantet bæredygtig trappe

Edition  
1.9.8

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### STYKLISTE

#	Antal	Betegnelse	Materiale	Noter
1	1	vange bund	S355MC	Side 19
2	1	baluster-fod	S355MC	Side 22
3	1	skot	S355MC	Side 23
3	1	bund vange-endeplade	S235JR	Side 26
4	1	skot opad	S355MC	Side 23
4	1	stilladssøjle		
5	1	håndfang bund		Side 12
6	4	trappestift	S355J2	Side 28
7	4	trappestift skrå	S355J2	Side 28

Designed by  
Kristoffer Ek

Checked by

Approved by

Date

Date

26-09-2019

Modul bund

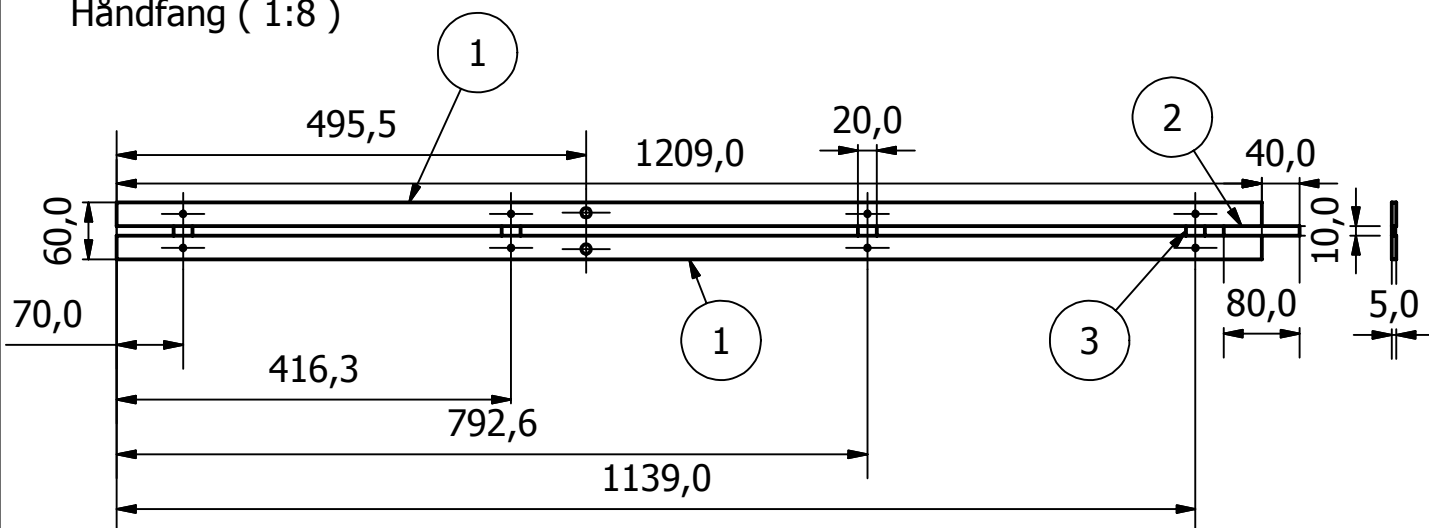
Beplantet bæredygtig trappe

Edition  
1.9.8

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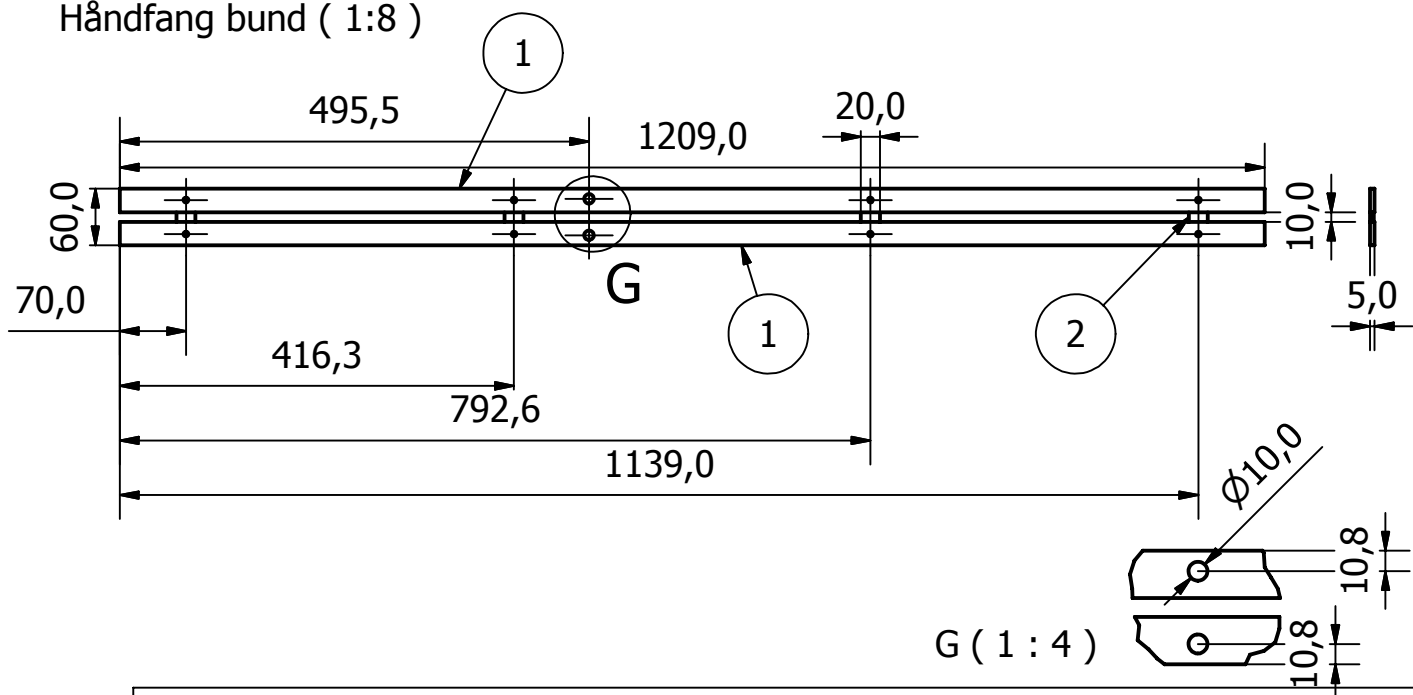
Håndfang ( 1:8 )



STYKLISTE

#	Antal	Betegnelse	Materiale	Noter
1	2	håndfang	S235JR	25x5
2	1	afstandsstykke	S235JR	10x4
3	4	afstandsstykke kort	S235JR	10x4

Håndfang bund ( 1:8 )



STYKLISTE

#	Antal	Betegnelse	Materiale	Noter
1	2	håndfang	S235JR	25x5
2	4	afstandsstykke kort	S235JR	10x4

Designed by

Kristoffer Ek

Checked by

Approved by

Date

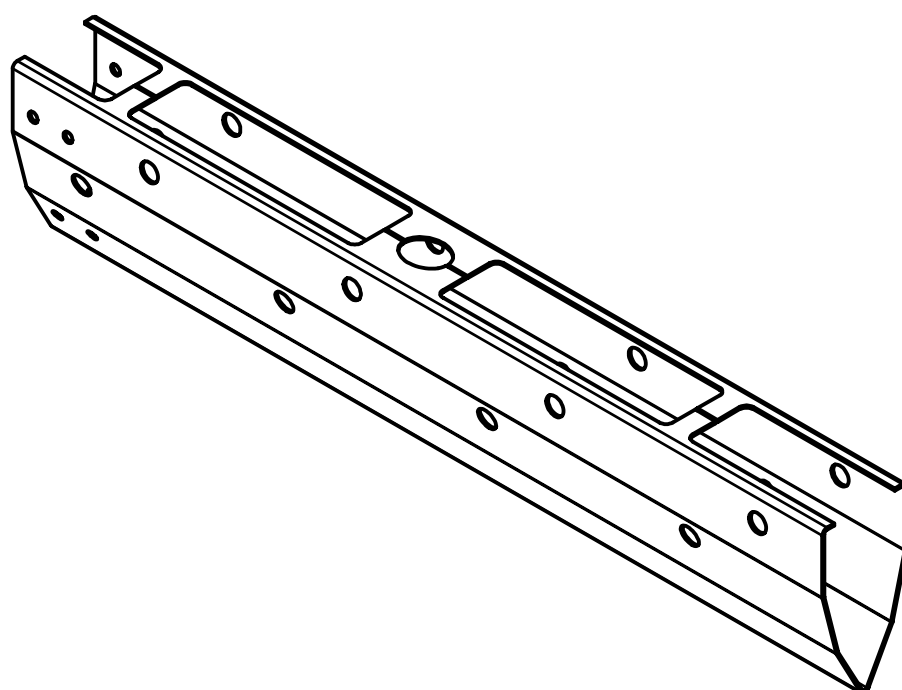
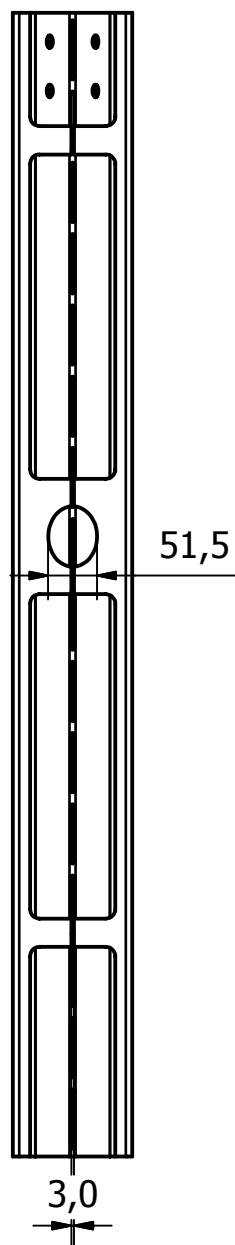
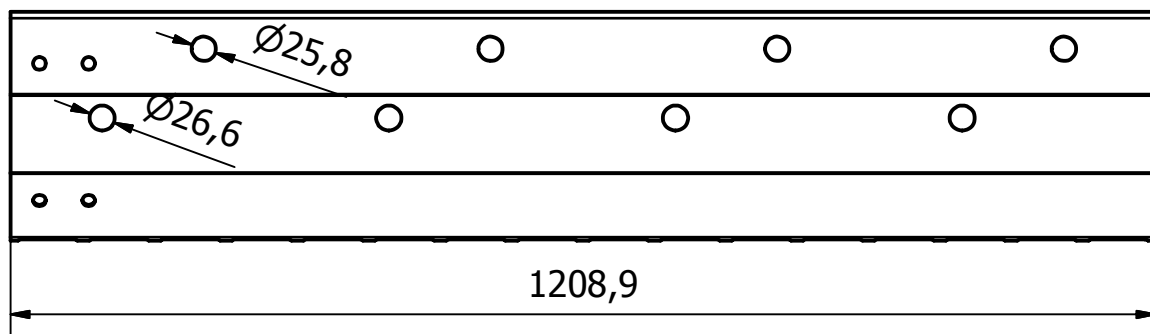
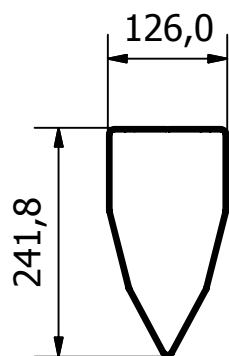
Date

26-09-2019

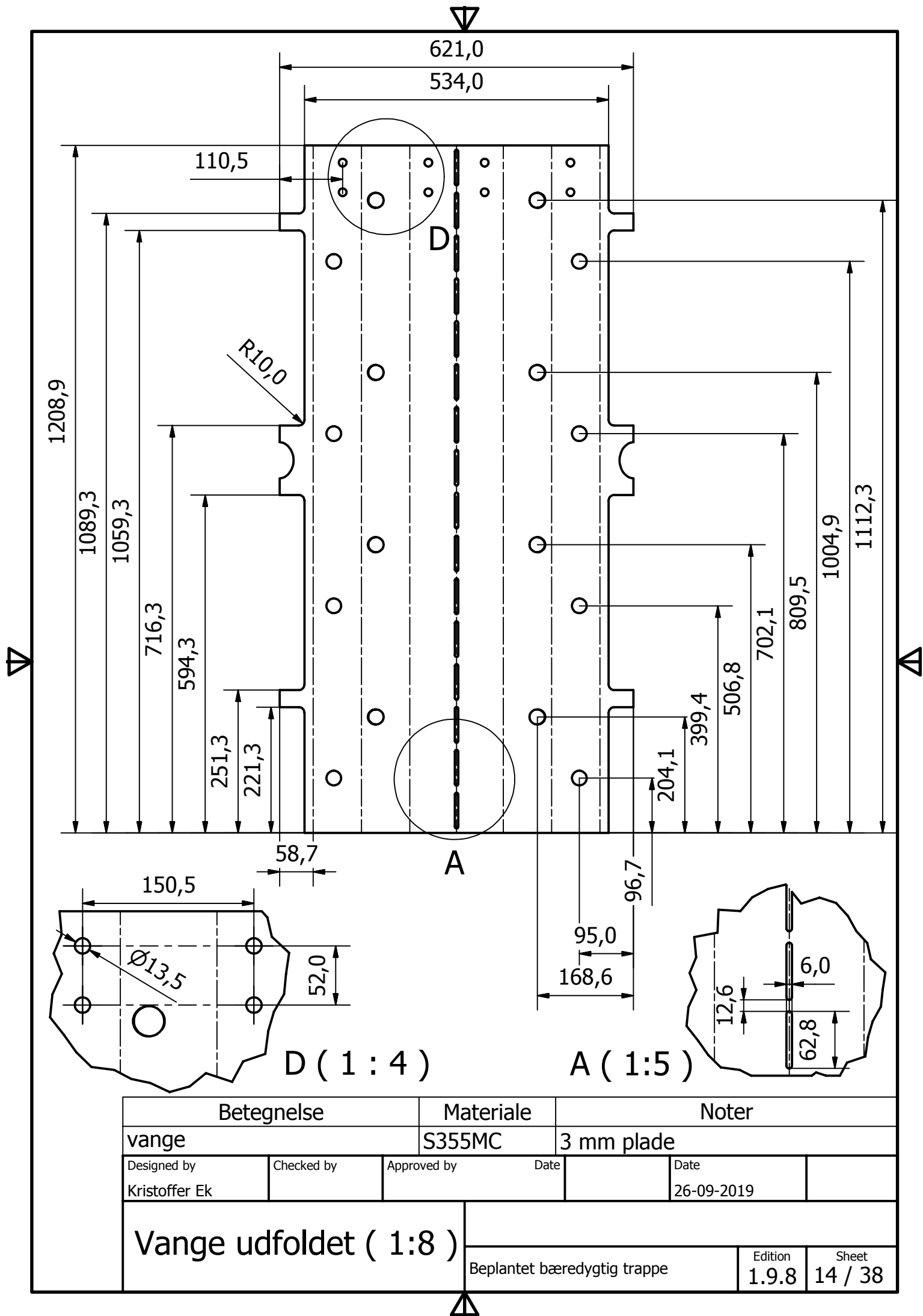
Håndfang

Beplantet bæredygtig trappe

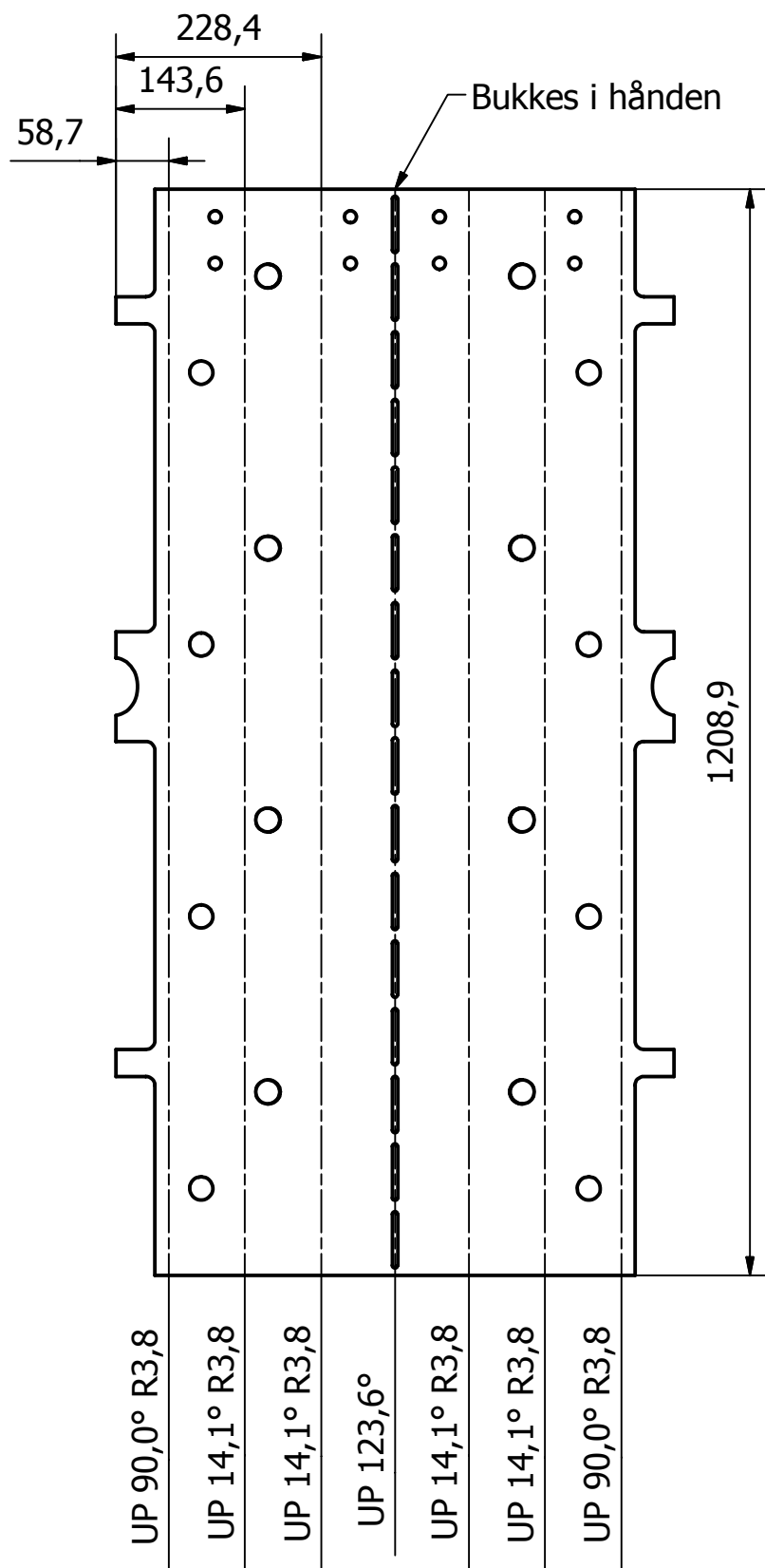
Edition  
1.9.8Sheet  
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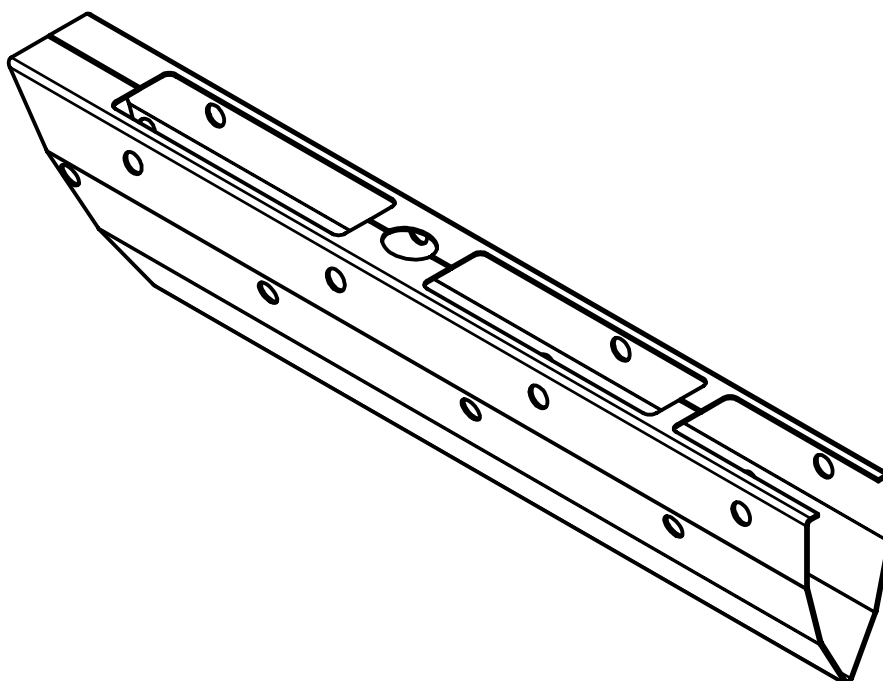
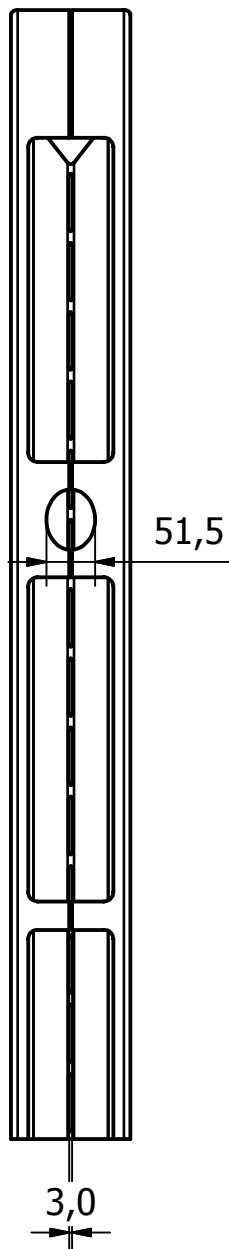
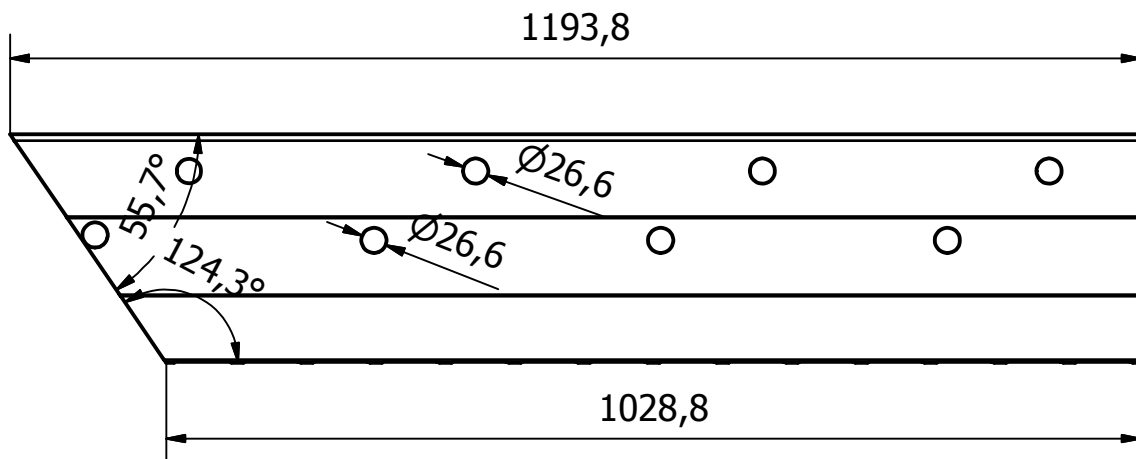
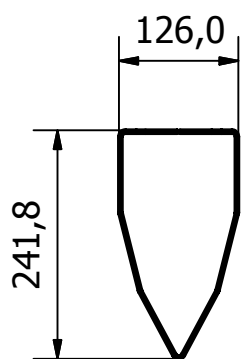
Betegnelse		Materiale		Noter	
vange		S355MC		3 mm plade	
Designed by	Checked by	Approved by		Date	
Kristoffer Ek				26-09-2019	
Vange ( 1:8 )					
		Beplantet bæredygtig trappe		Edition 1.9.8	Sheet 13 / 38



Betegnelse			Materiale		Noter		
vange			S355MC		3 mm plade		
Designed by	Checked by	Approved by		Date		Date	
Kristoffer Ek						26-09-2019	
Vange udfoldet ( 1:8 )							
				Beplantet bæredygtig trappe			Edition
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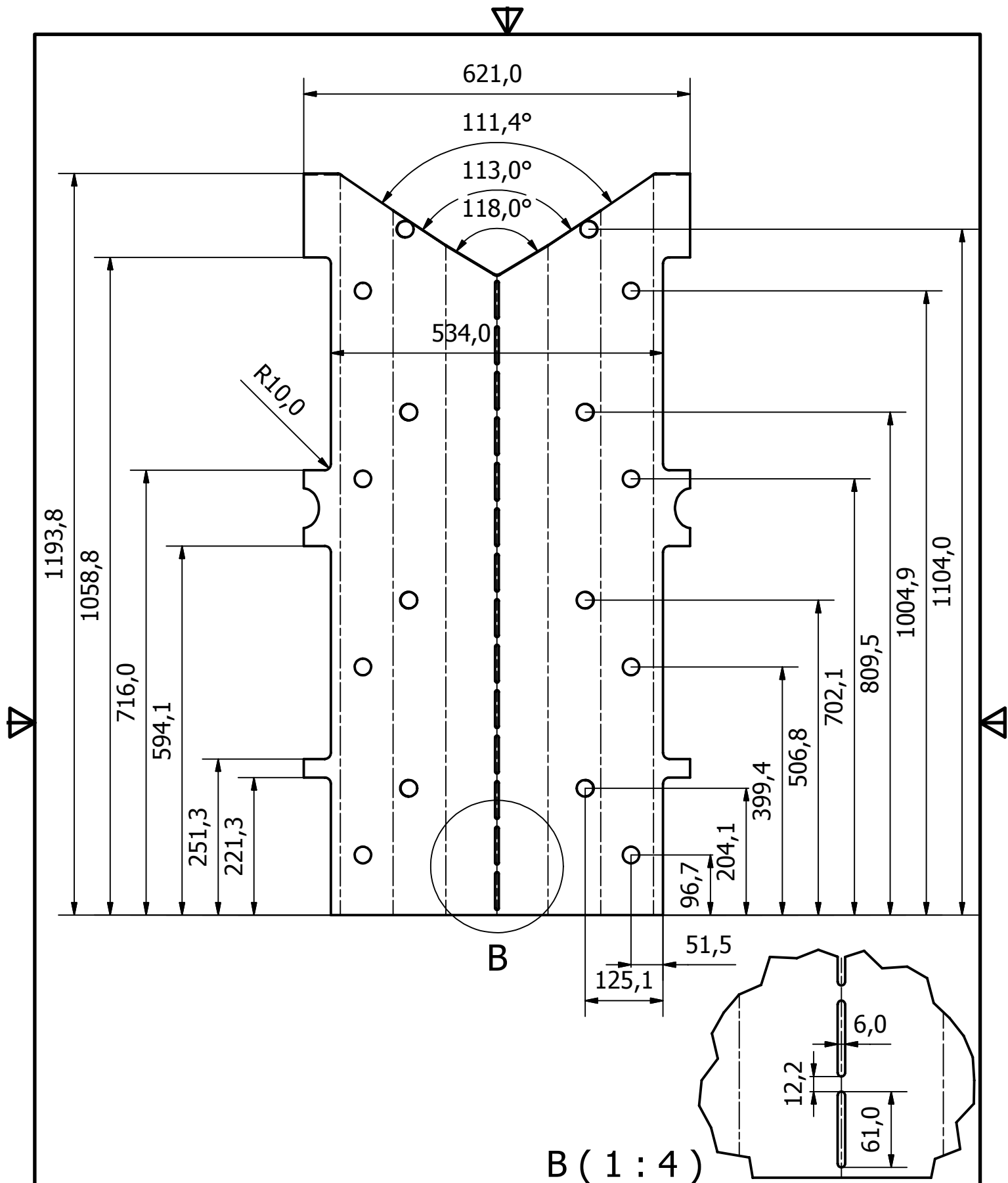


Betegnelse		Materiale		Noter	
vange		S355MC		3 mm plade	
Designed by	Checked by	Approved by	Date	Date	
Kristoffer Ek				26-09-2019	
Vange buk ( 1:8 )					
			Beplantet bæredygtig trappe	Edition 1.9.8	Sheet 15 / 38

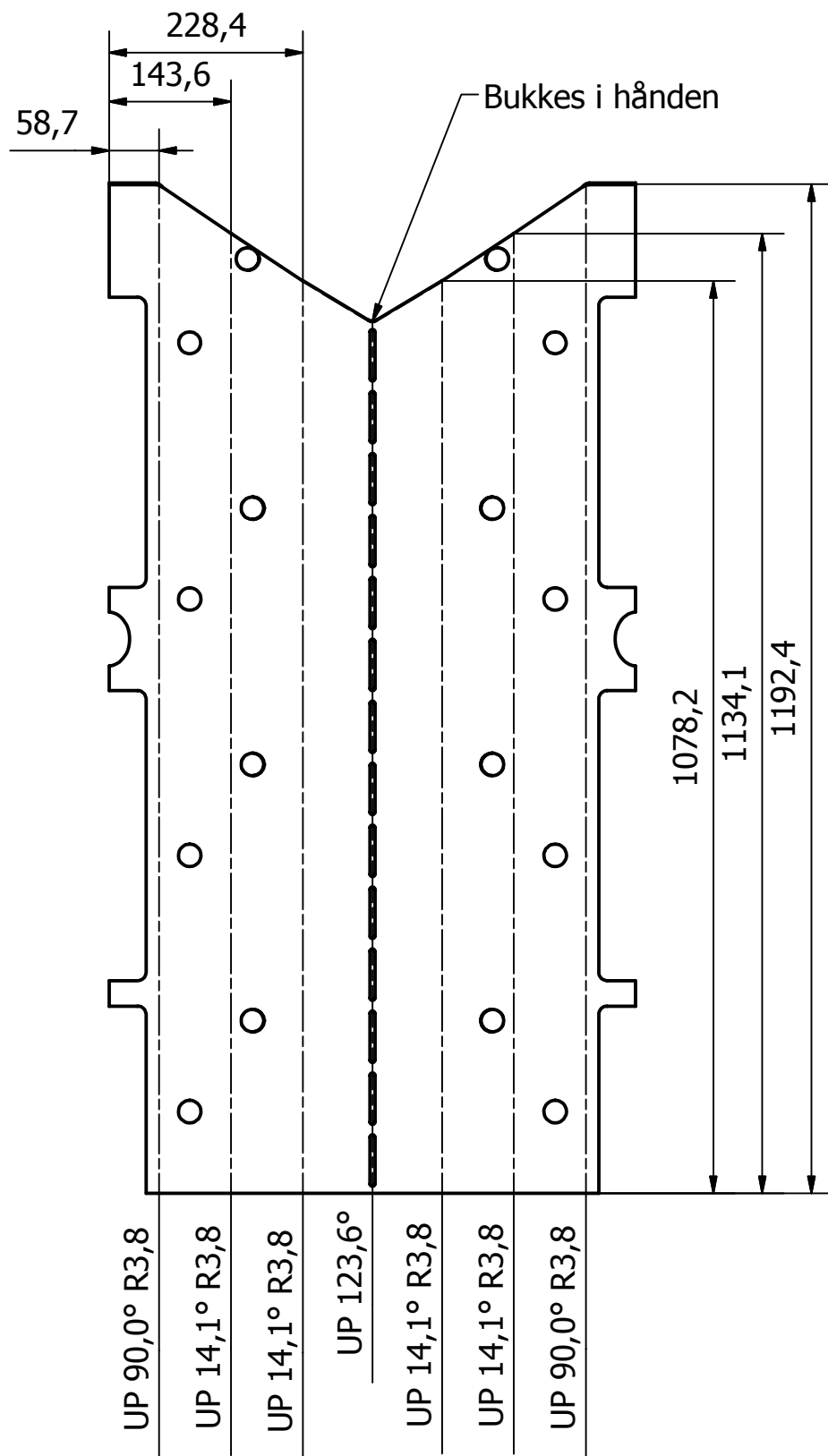


Betegnelse		Materiale		Noter		
vange top		S355MC		3 mm plade		
Designed by	Checked by	Approved by		Date		
Kristoffer Ek				26-09-2019		
Top-vange ( 1:8 )						
				Beplantet bæredygtig trappe		Edition 1.9.8

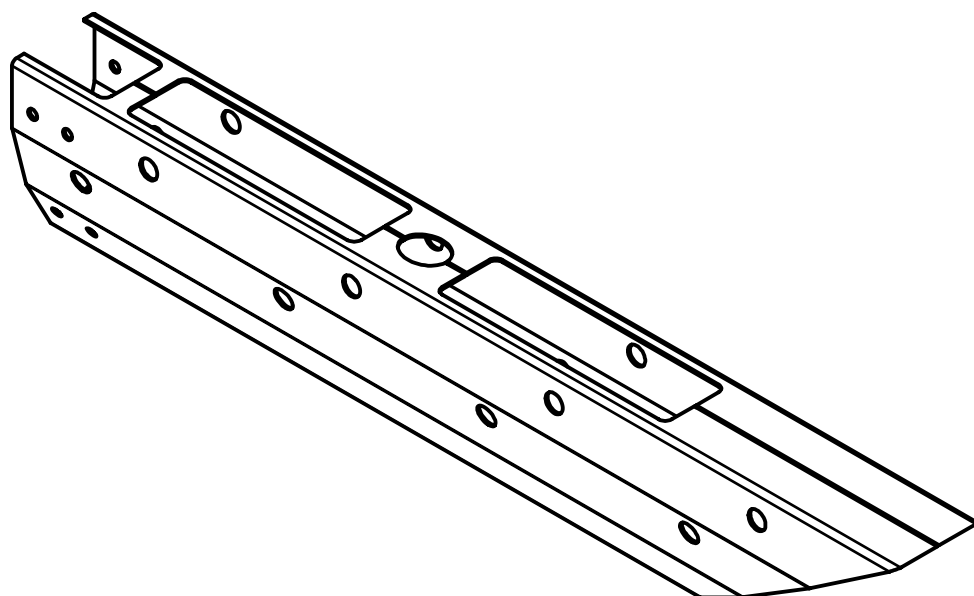
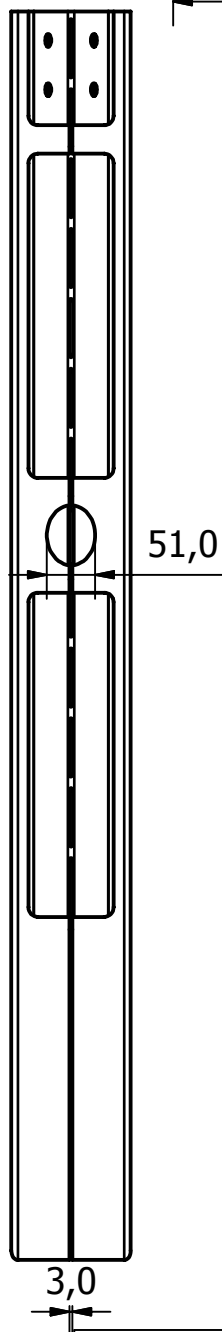
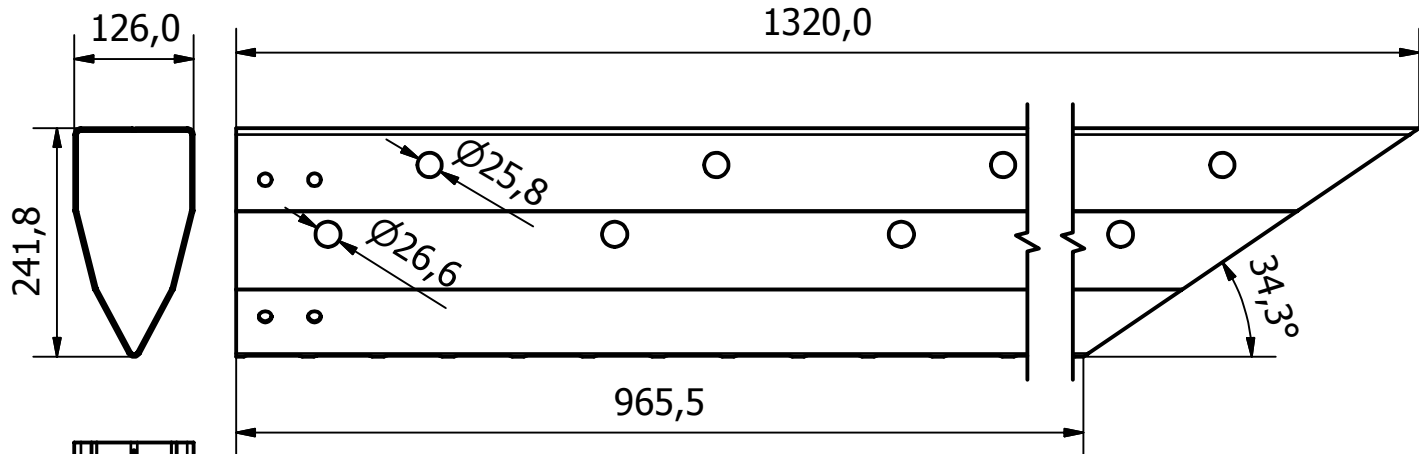




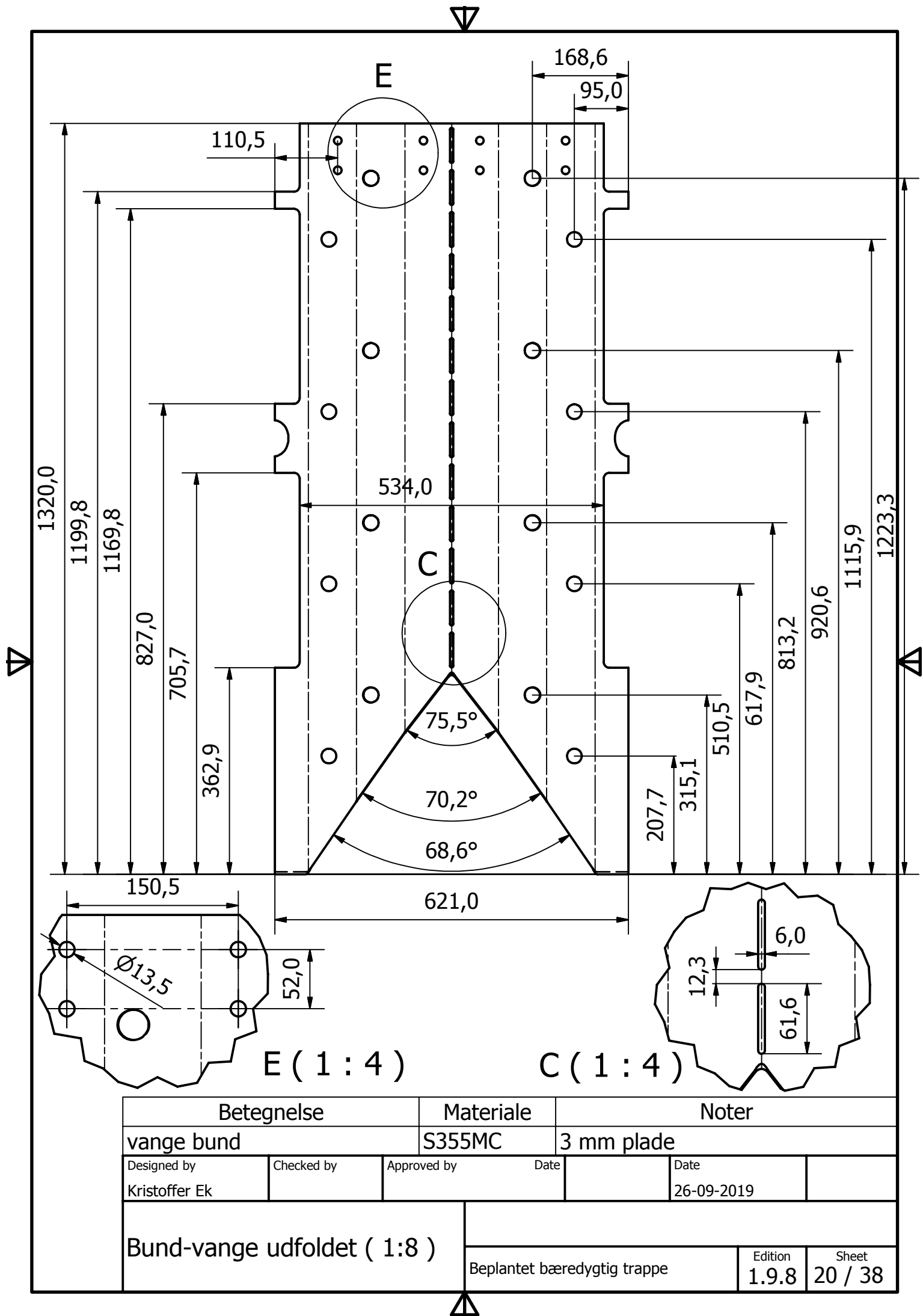
Betegnelse		Materiale		Noter	
vange top		S355MC		3 mm plade	
Designed by	Checked by	Approved by	Date	Date	
Kristoffer Ek				26-09-2019	
Top-vange udfoldet ( 1:8 )					
		Beplantet bæredygtig trappe		Edition 1.9.8	Sheet 17 / 38



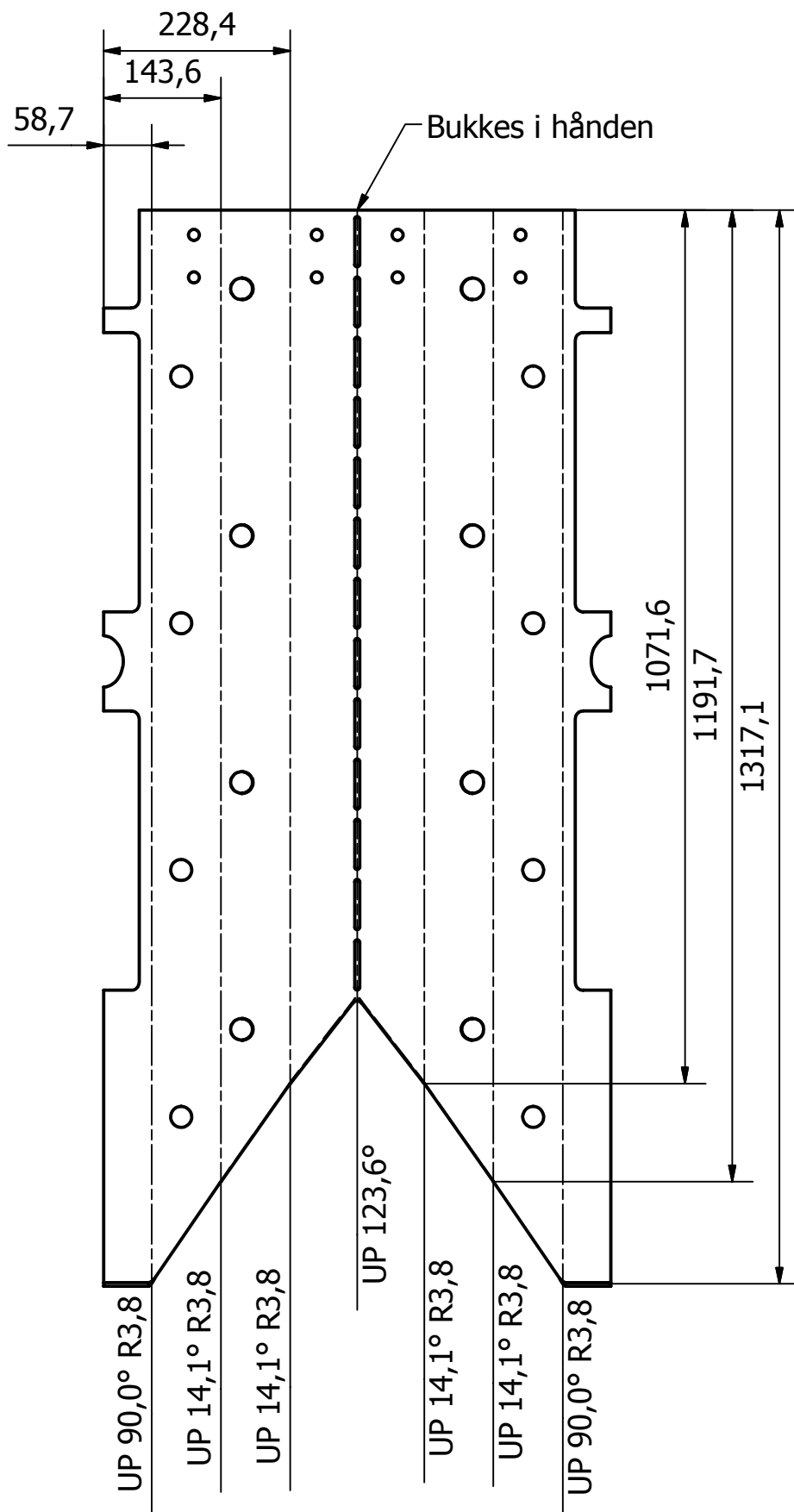
Betegnelse		Materiale		Noter	
vange top		S355MC		3 mm plade	
Designed by Kristoffer Ek	Checked by	Approved by		Date 26-09-2019	
Top-vange buk ( 1:8 )					
		Beplantet bæredygtig trappe		Edition 1.9.8	Sheet 18 / 38



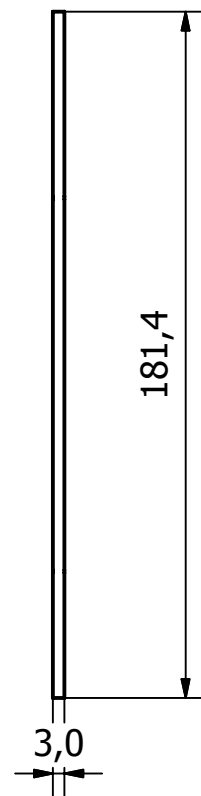
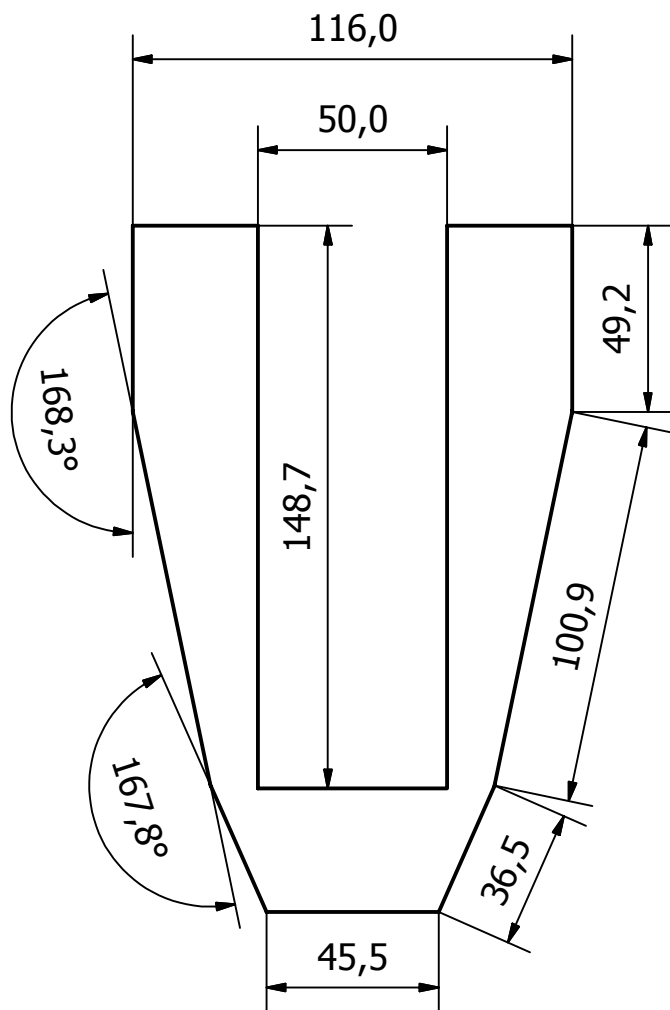
Betegnelse		Materiale		Noter	
vange bund		S355MC		3 mm plade	
Designed by	Checked by	Approved by		Date	
Kristoffer Ek				26-09-2019	
Bund-vange ( 1:8 )					
		Beplantet bæredygtig trappe		Edition 1.9.8	Sheet 19 / 38



Betegnelse		Materiale		Noter	
vange bund		S355MC		3 mm plade	
Designed by	Checked by	Approved by		Date	
Kristoffer Ek				26-09-2019	
Bund-vange udfoldet ( 1:8 )					
		Beplantet bæredygtig trappe		Edition 1.9.8	Sheet 20 / 38



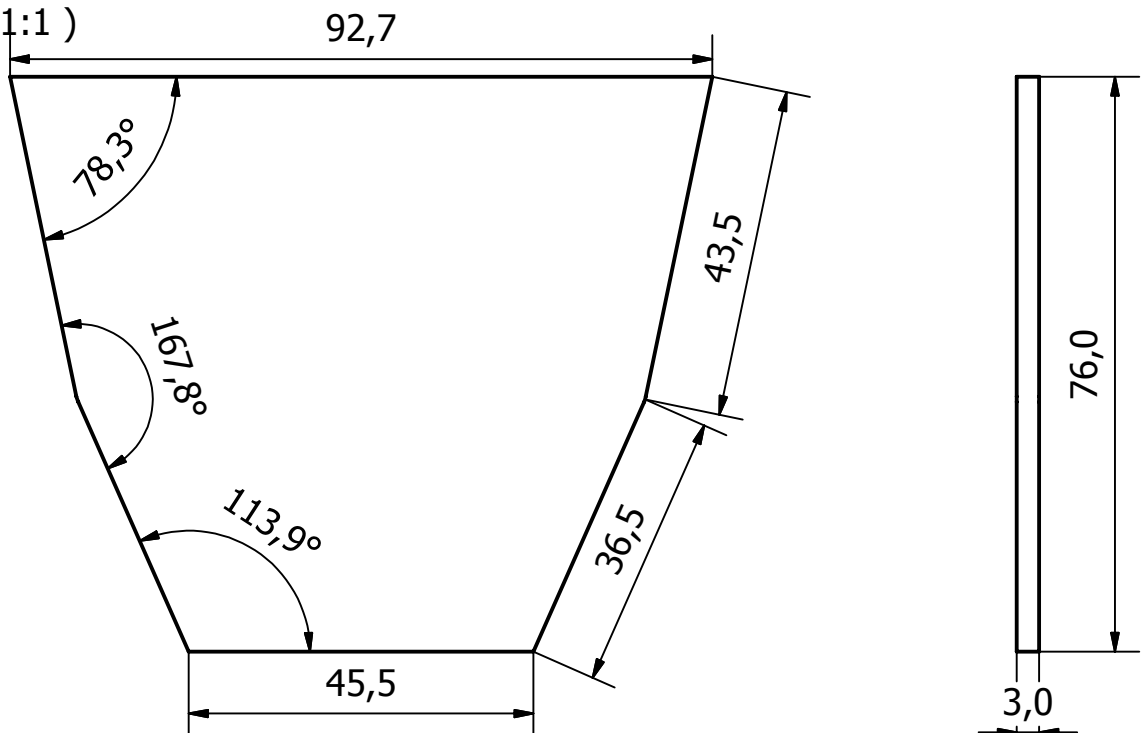
Betegnelse		Materiale		Noter	
vange bund		S355MC		3 mm plade	
Designed by	Checked by	Approved by	Date	Date	
Kristoffer Ek				26-09-2019	
Bund-vange buk ( 1:8 )					
		Beplantet bæredygtig trappe		Edition 1.9.8	Sheet 21 / 38



Betegnelse		Materiale		Noter	
baluster-fod		S355MC		3 mm plade	
Designed by Kristoffer Ek	Checked by	Approved by		Date 26-09-2019	
Baluster-fod ( 1 : 2 )					
		Beplantet bæredygtig trappe		Edition 1.9.8	Sheet 22 / 38

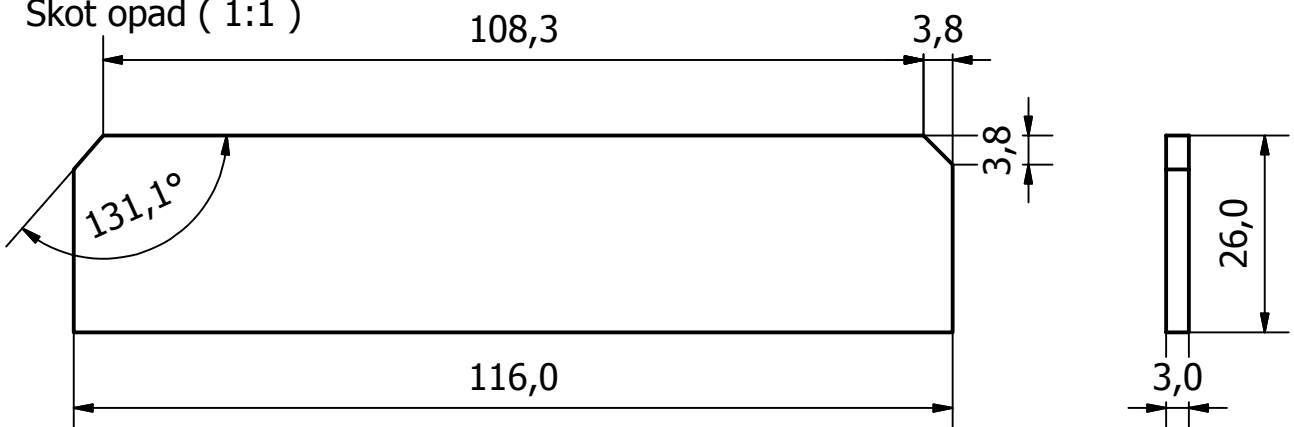


Skot ( 1:1 )



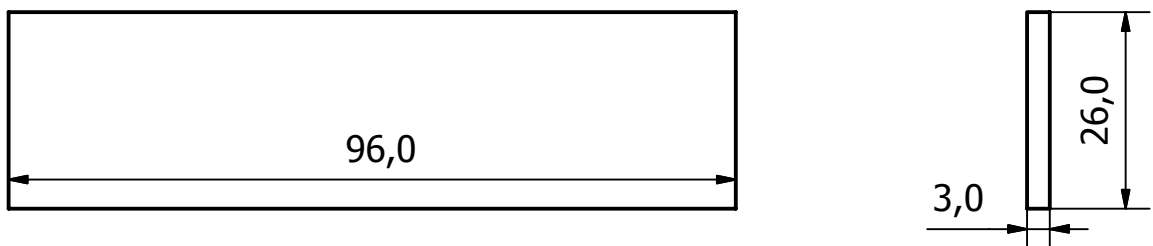
Betegnelse	Materiale	Noter
skot	S355MC	3 mm plade

Skot opad ( 1:1 )



Betegnelse	Materiale	Noter
skot opad	S355MC	3 mm plade

Skot opad smal ( 1 : 1 )



Betegnelse	Materiale	Noter
skot opad smal	S355MC	3 mm plade

Designed by Kristoffer Ek	Checked by	Approved by	Date	Date 26-09-2019	
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Skot

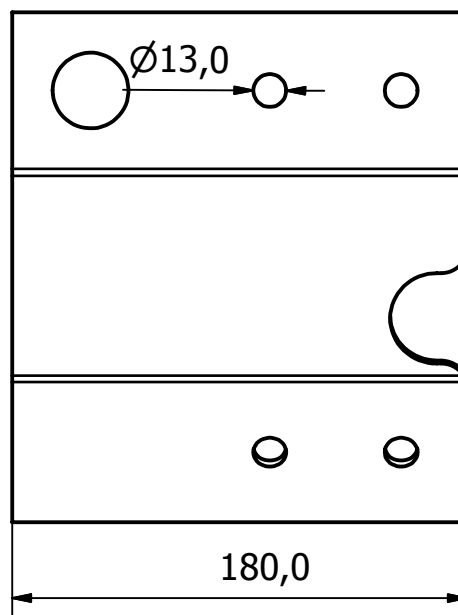
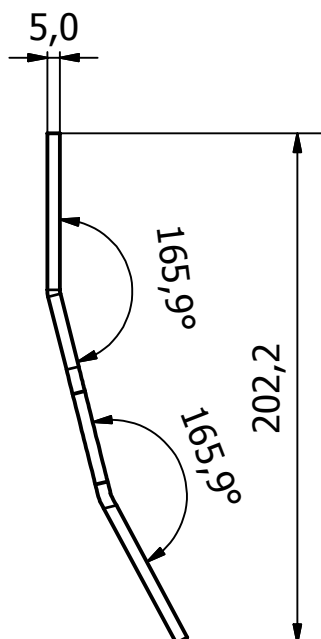
Beplantet bæredygtig trappe

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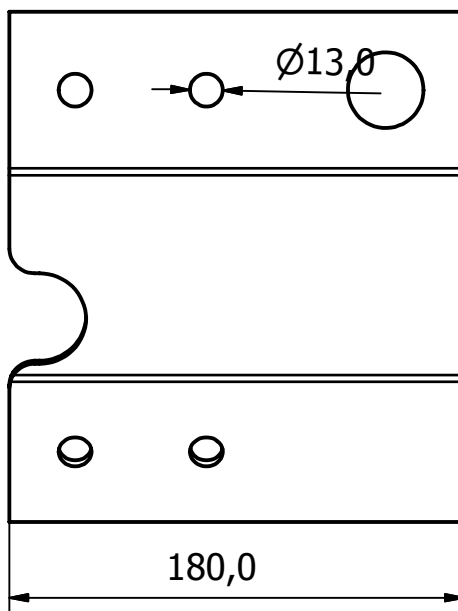
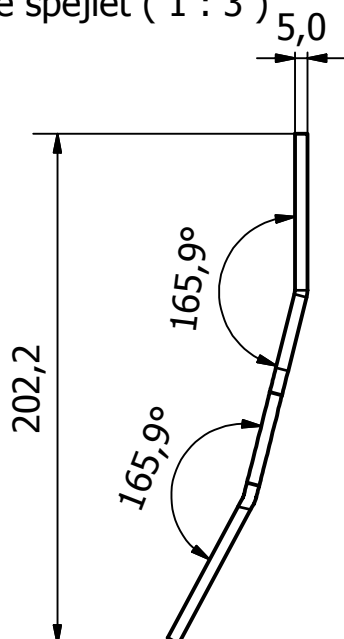


Laske ( 1 : 3 )



Betegnelse	Materiale	Noter
laske	S355MC	5 mm plade

Laske spejlet ( 1 : 3 )



Betegnelse	Materiale	Noter
laske spejlet	S355MC	5 mm plade

Designed by Kristoffer Ek	Checked by	Approved by	Date	Date 26-09-2019	
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Lasker

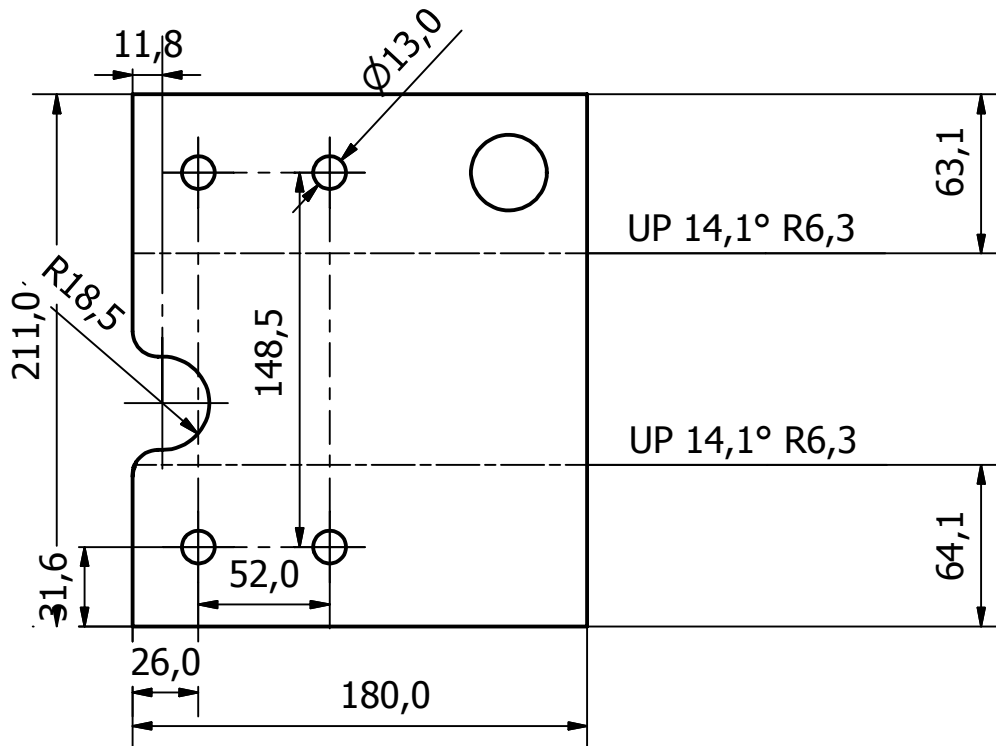
Beplantet bæredygtig trappe

Edition  
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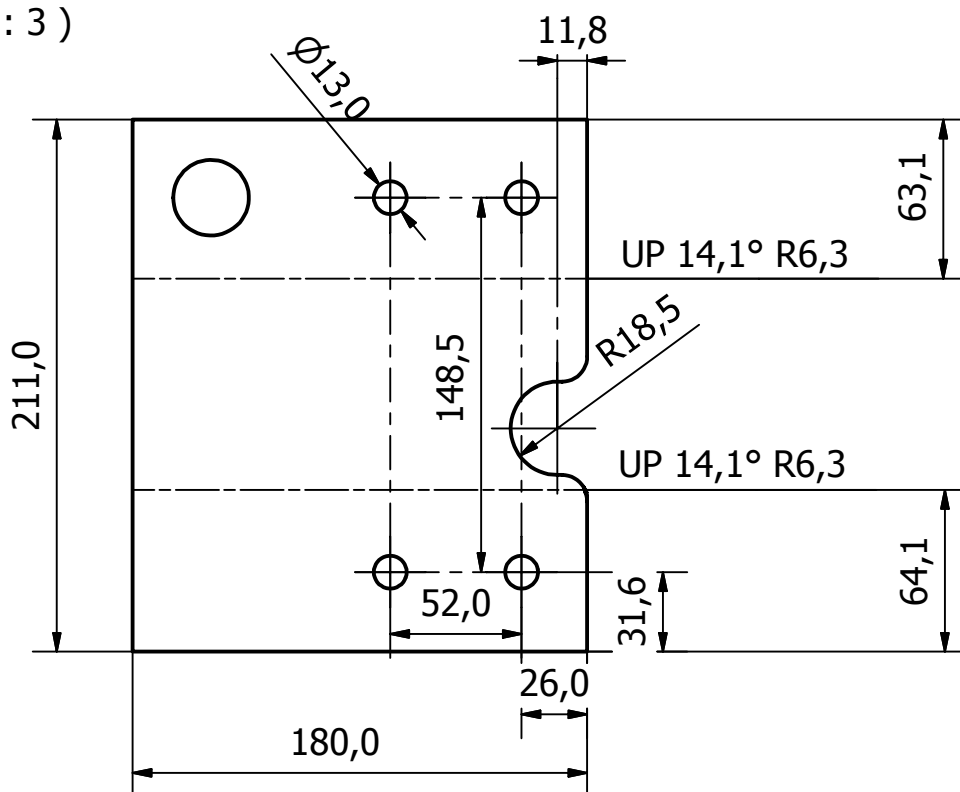


Laske ( 1 : 3 )



Betegnelse	Materiale	Noter
laske	S355MC	5 mm plade

Laske spejlet ( 1 : 3 )



Betegnelse	Materiale	Noter
laske spejlet	S355MC	5 mm plade

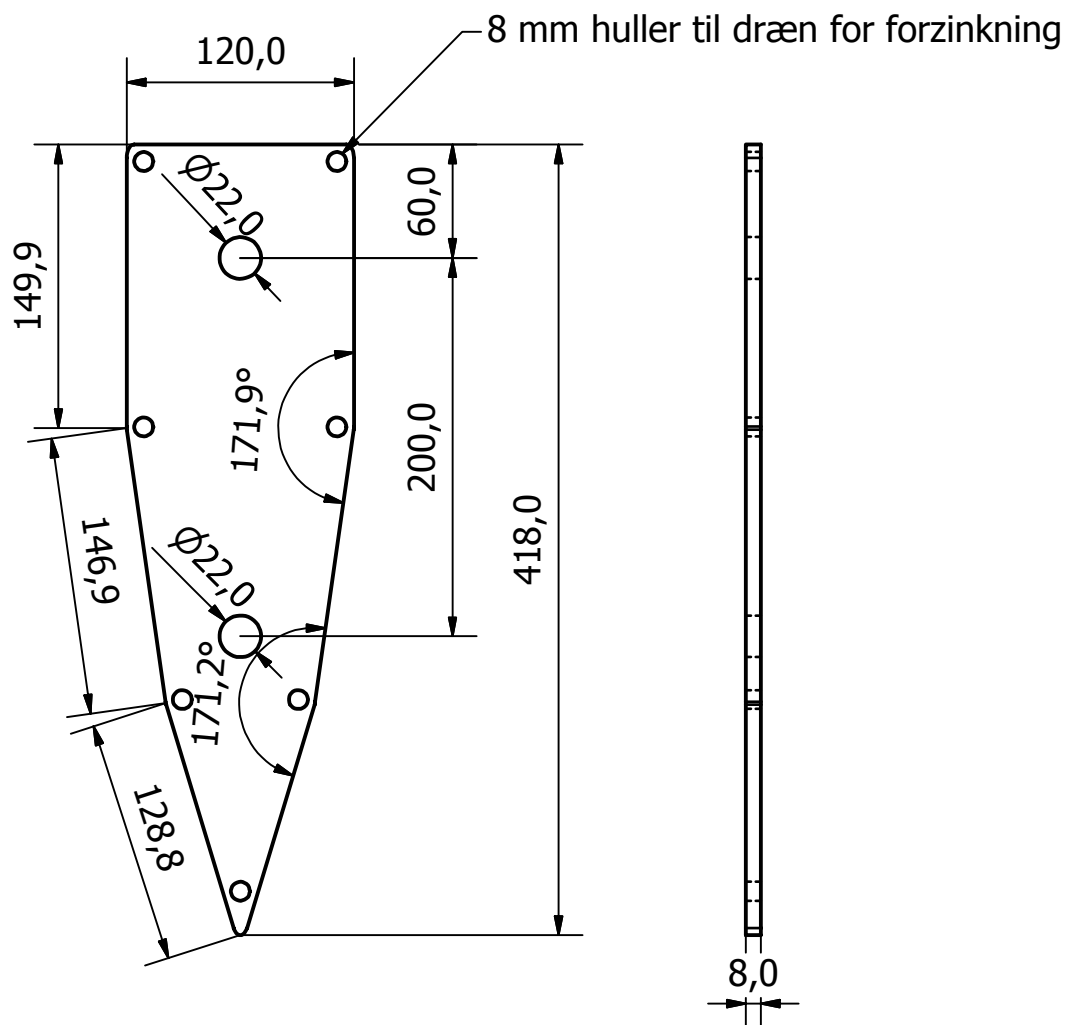
Designed by Kristoffer Ek	Checked by	Approved by	Date	Date	
				26-09-2019	

Lasker buk

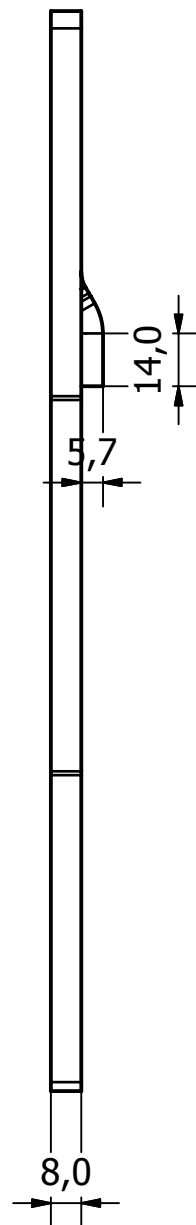
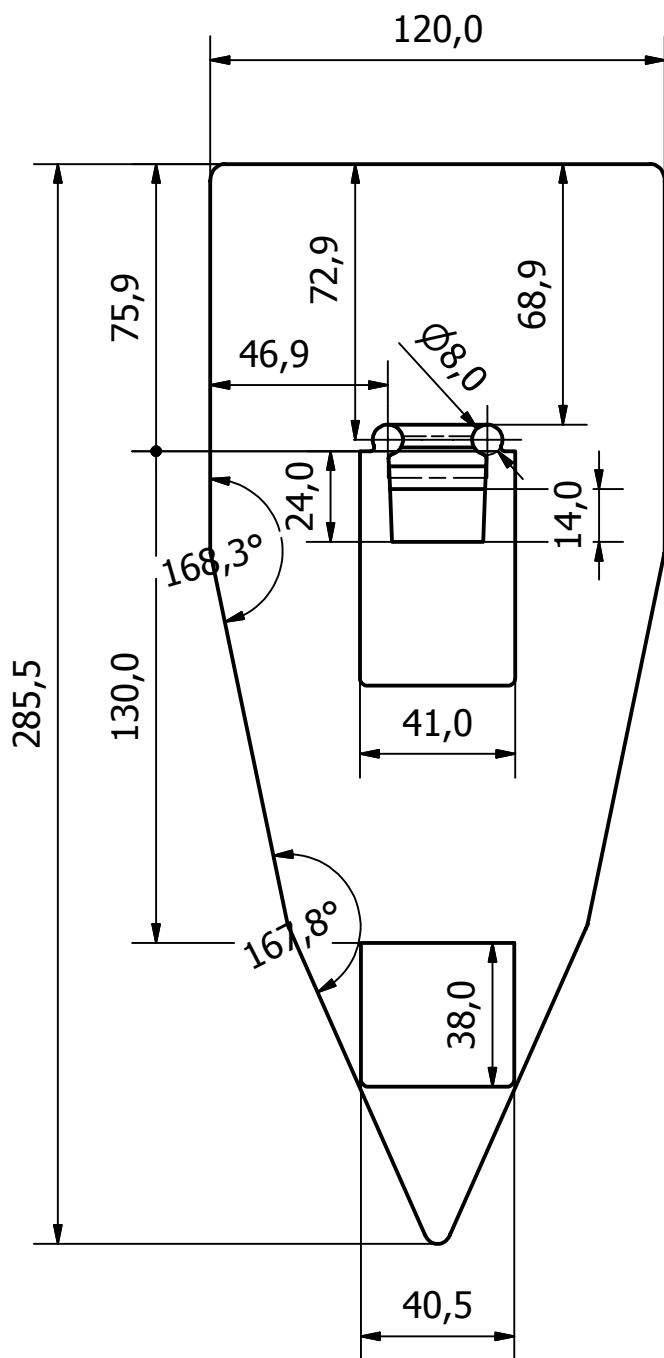
Beplantet bæredygtig trappe

Edition  
1.9.8

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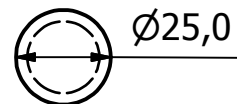
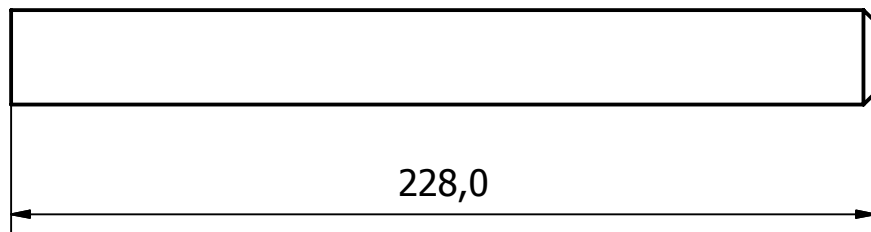


Betegnelse		Materiale		Noter		
bund vange-endeplade		S235JR		8 mm plade		
Designed by	Checked by	Approved by		Date		
Kristoffer Ek				26-09-2019		
Bund-vange-endeplade ( 1:4 )						
		Beplantet bæredygtig trappe			Edition 1.9.8	Sheet 26 / 38



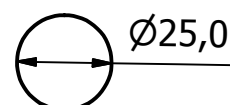
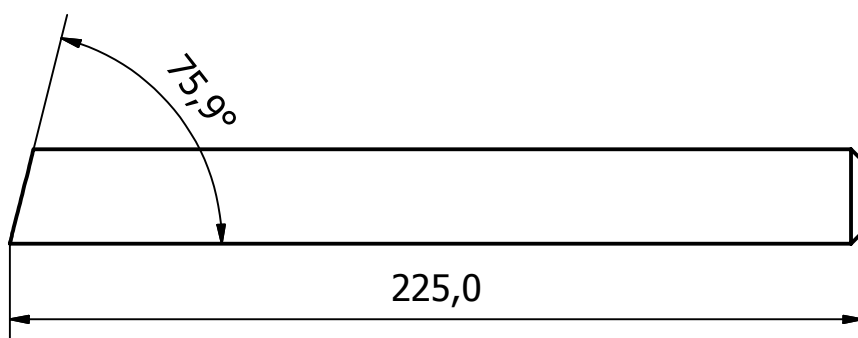
Betegnelse		Materiale		Noter	
top vange-endeplade		S235JR		8 mm plade	
Designed by	Checked by	Approved by		Date	
Kristoffer Ek				26-09-2019	
Top vange-endeplade ( 1:2 )					
		Beplantet bæredygtig trappe		Edition	Sheet
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# Trappestift ( 1:2 )



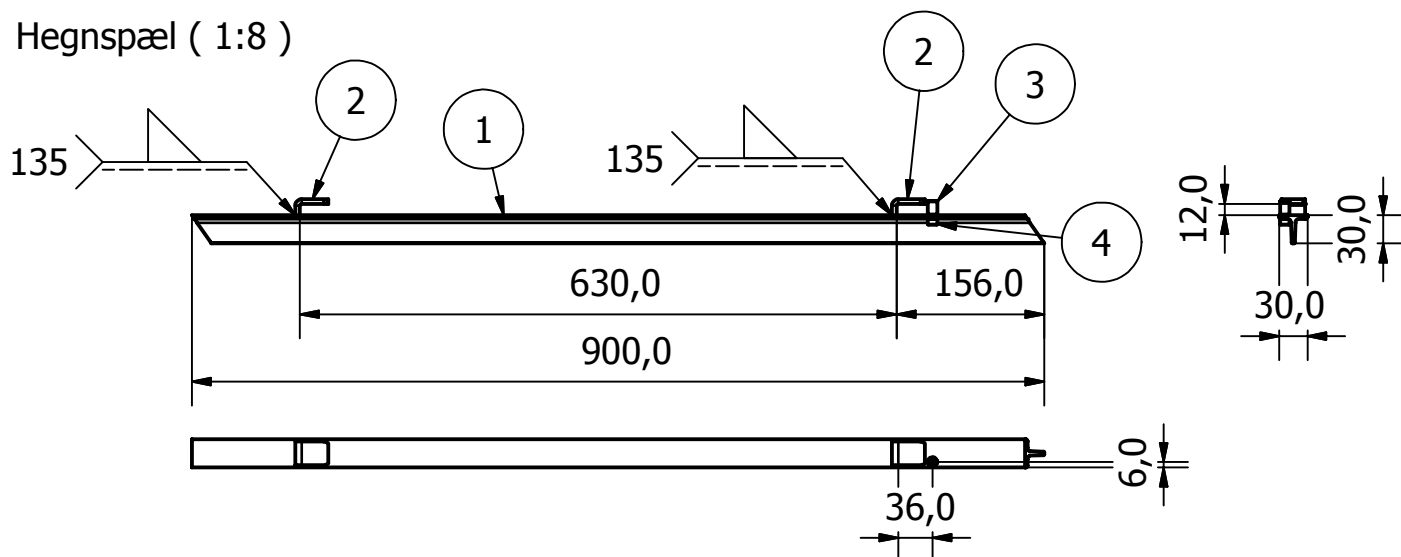
Betegnelse	Materiale	Noter
trappestift	S355J2	

# Trappestift skrå ( 1:2 )



Betegnelse		Materiale	Noter		
trappestift skrå		S355J2	Ø25 stangstål		
Designed by Kristoffer Ek	Checked by	Approved by	Date	Date	
				26-09-2019	
			Beplantet bæredygtig trappe	Edition 1.9.8	Sheet 28 / 38

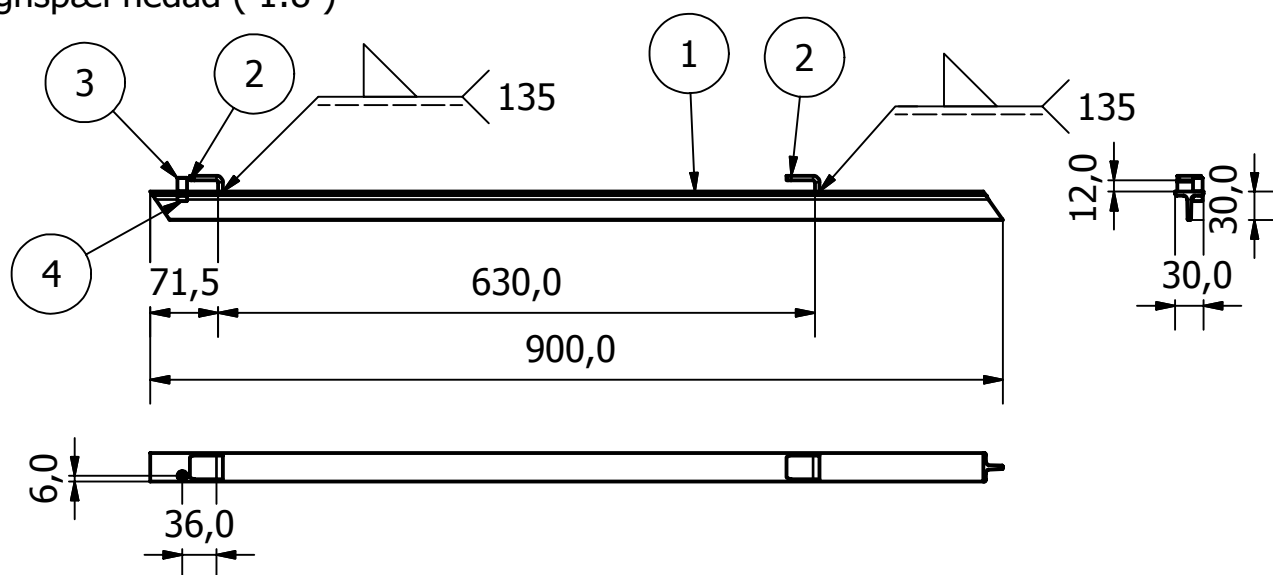
Hegnspæl ( 1:8 )



STYKLISTE

#	Antal	Betegnelse	Materiale	Noter
1	900,000 mm	DIN 1024 - T30-900	Steel, Mild	
2	2	hage	Steel	25x5
3	1	gevindmuffe	Steel	M6 15x10
4	1	ISO 4762 - M6 x 16	A4	

Hegnspæl nedad ( 1:8 )



STYKLISTE

#	Antal	Betegnelse	Materiale	Noter
1	900,000 mm	DIN 1024 - T30-900	Steel, Mild	
2	2	hage	Steel	25x5
3	1	gevindmuffe	Steel	M6 15x10
4	1	ISO 4762 - M6 x 16	A4	

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Approved by

Date

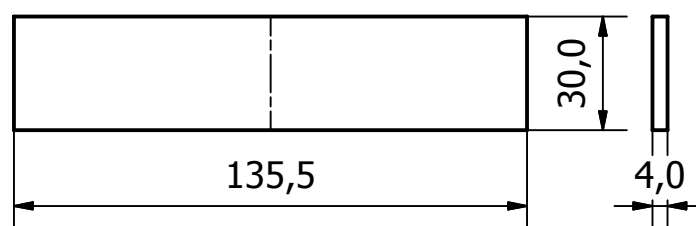
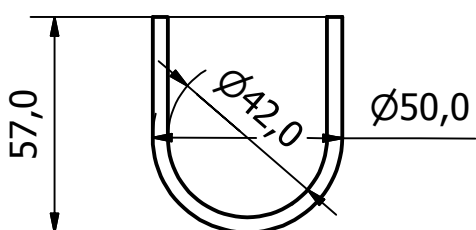
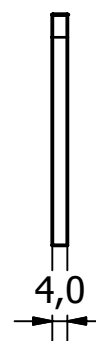
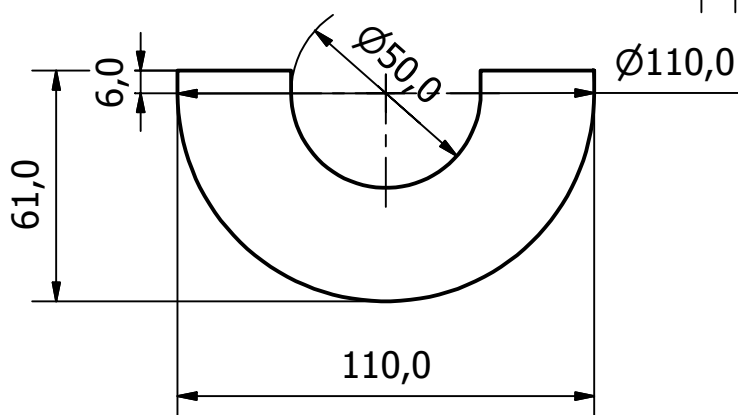
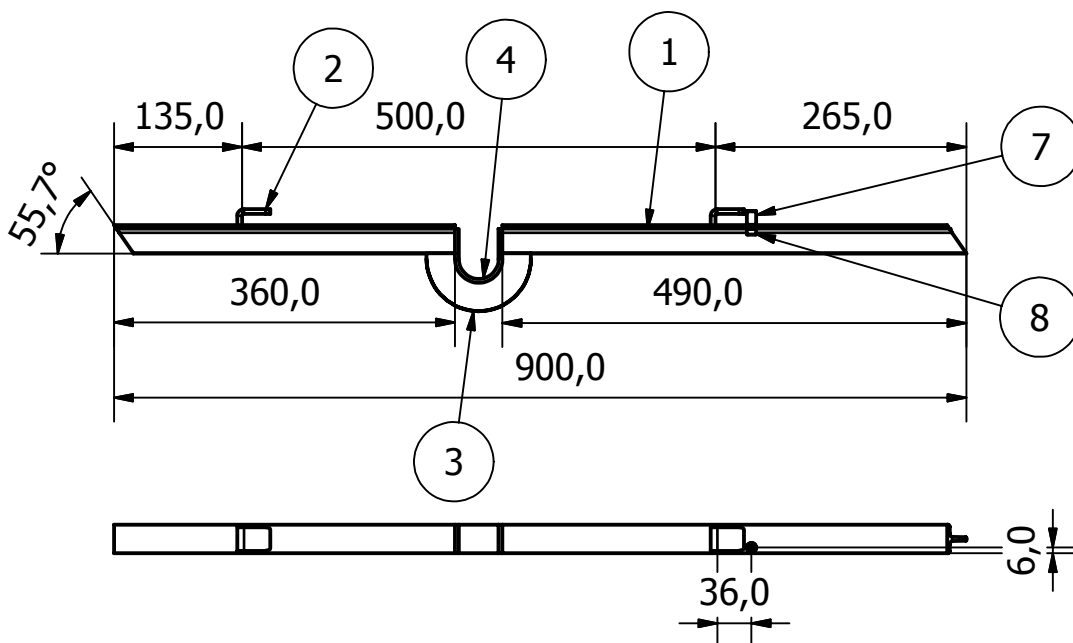
Date

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Bepantet bæredygtig trappe

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#	Betegnelse	Materiale	Noter
1	DIN 1024 - T30-900	Steel, Mild	
2	hage	Steel	
3	bue	Steel	
4	bukket del	Steel	
7	gevindmuffe	Steel	M6 15x10
8	ISO 4762 - M6 x 16	A4	

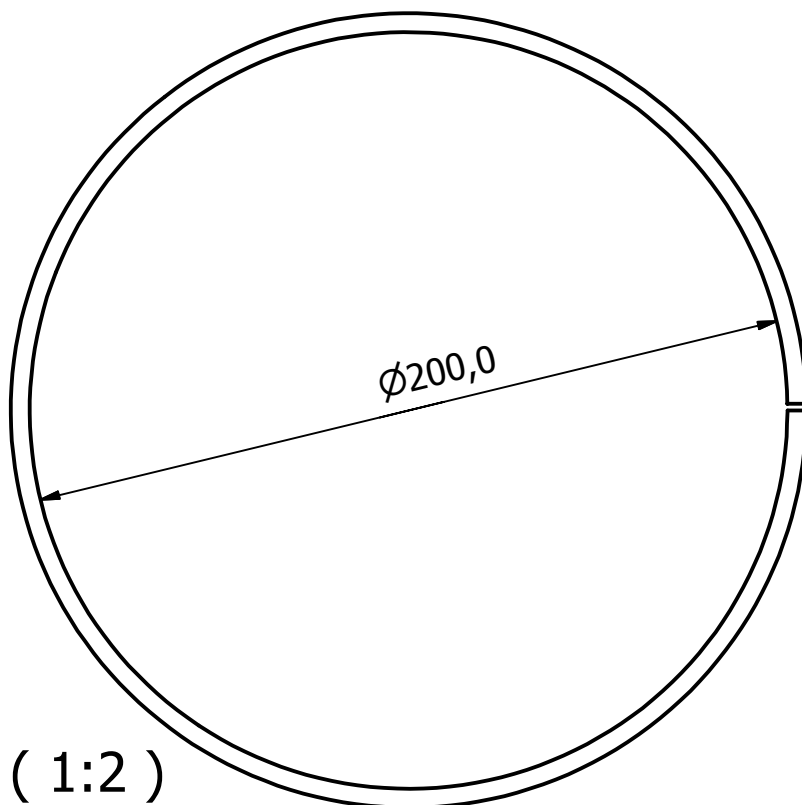
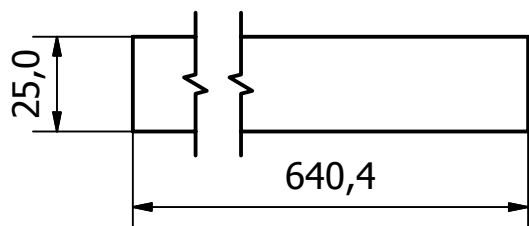
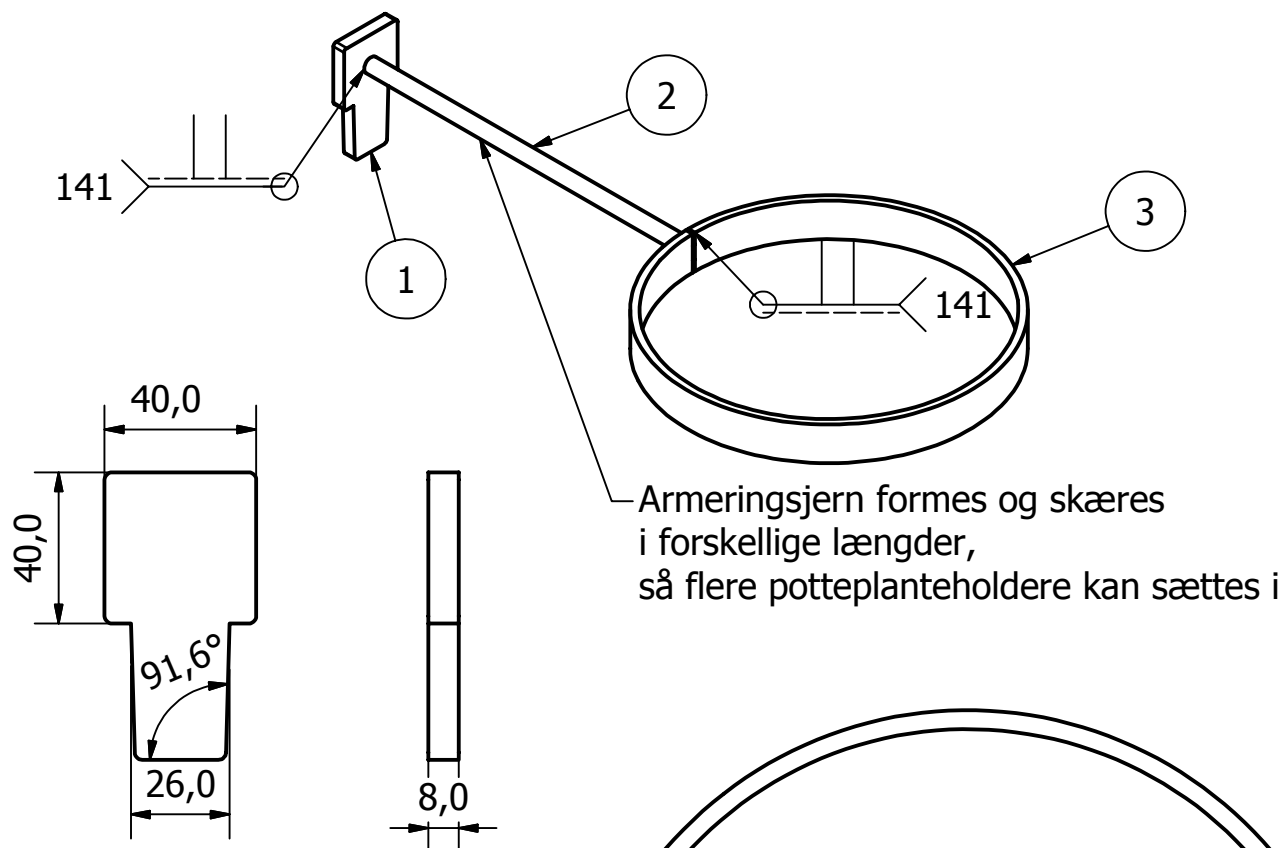
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				26-09-2019	

Hegnspæl platform ( 1:8 )

Beplantet bæredygtig trappe

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### STYKLISTE

#	Antal	Betegnelse	Materiale	Noter
1	1	hage	S235JR	8 mm plade
2	1	armeringsjern	Stål	Ø10
3	1	valset ring	S235JR	25x5 fladjern

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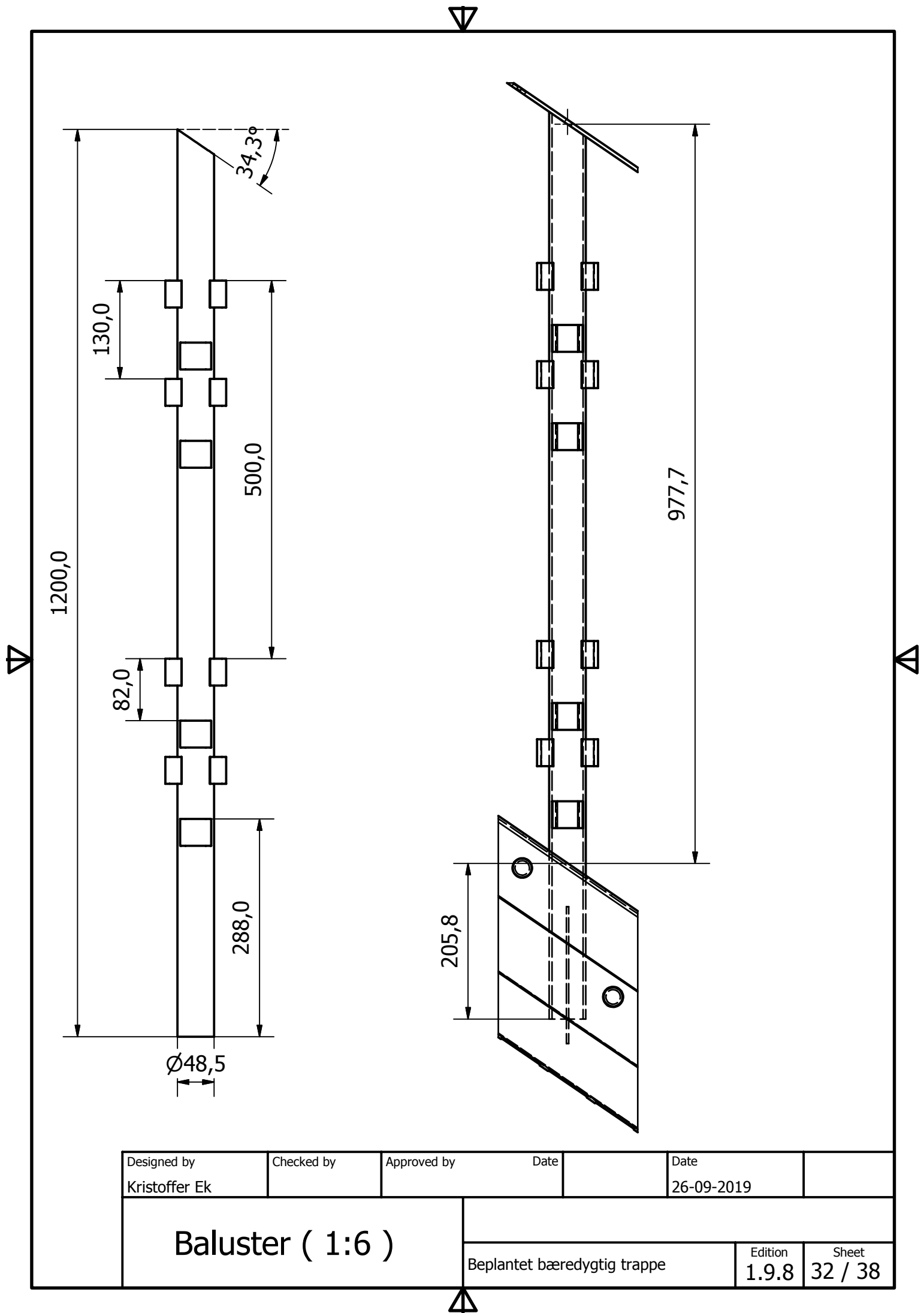
26-09-2019

Potteplanteholder ( 1 : 4 )

Beplantet bæredygtig trappe

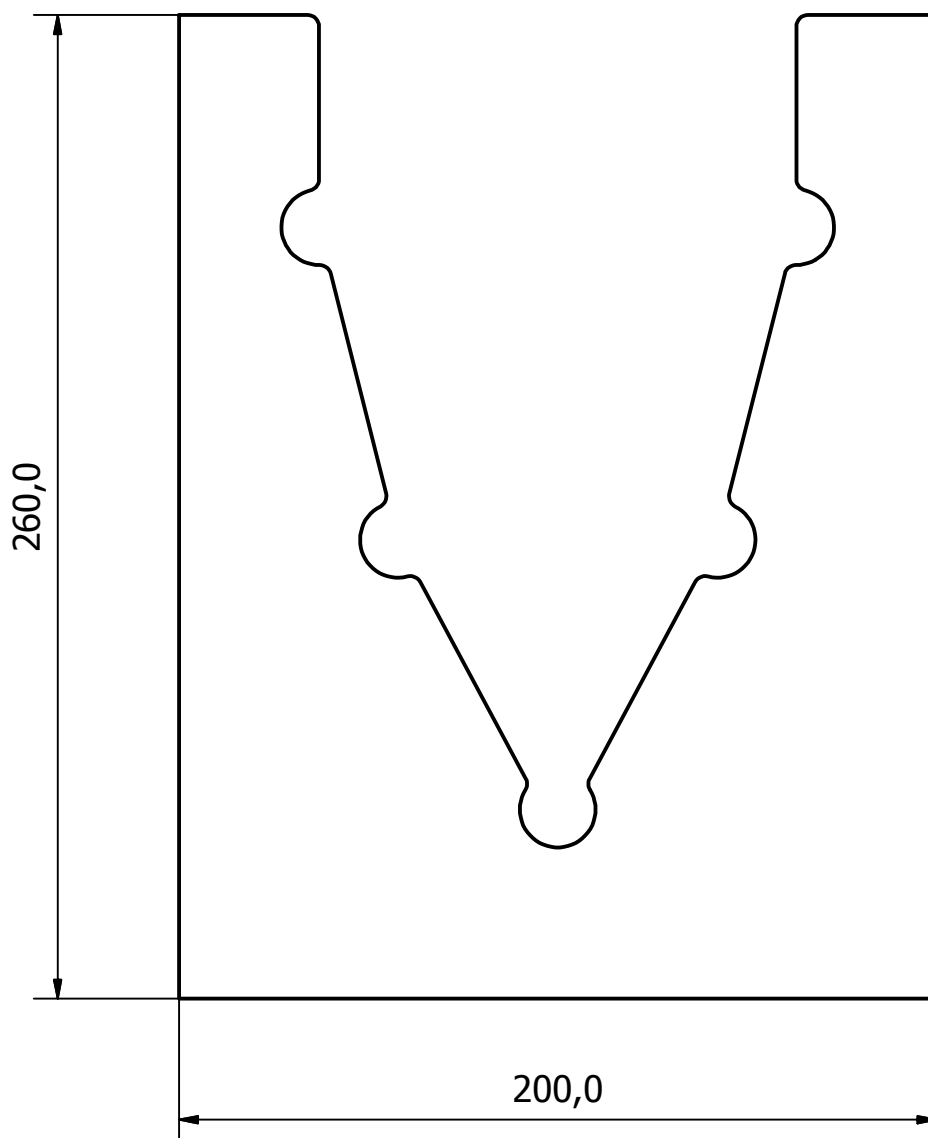
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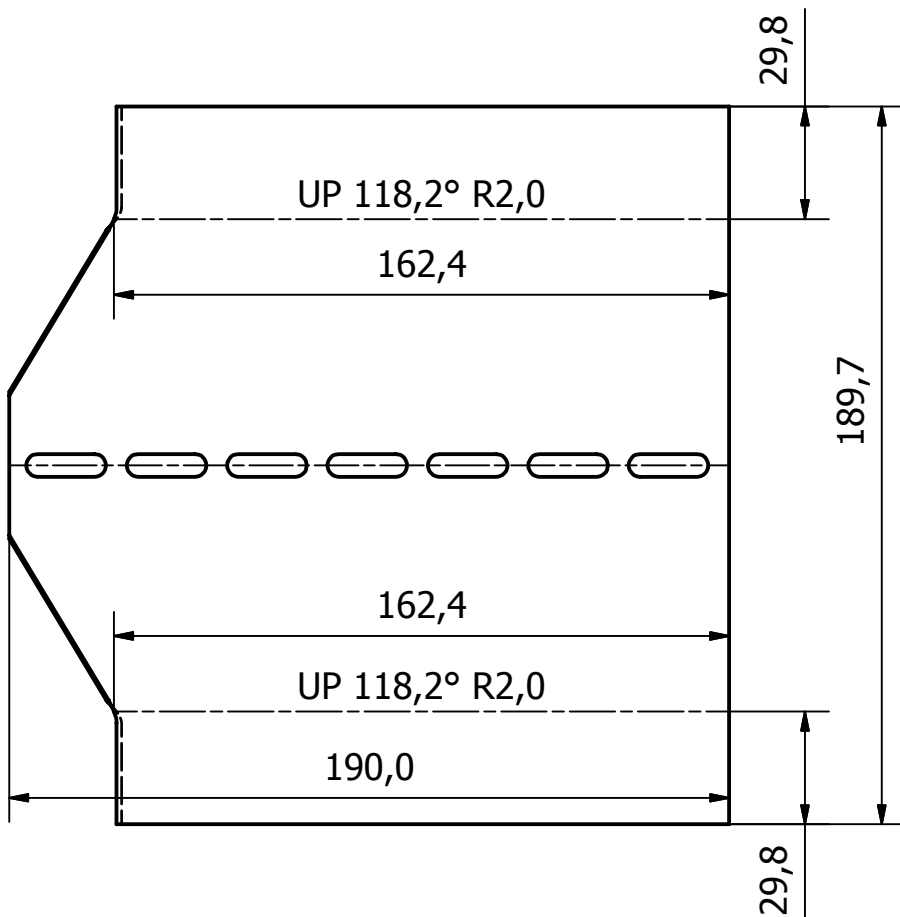
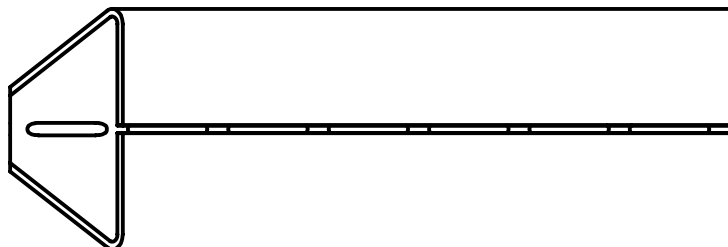
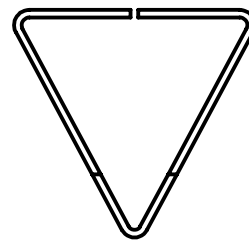
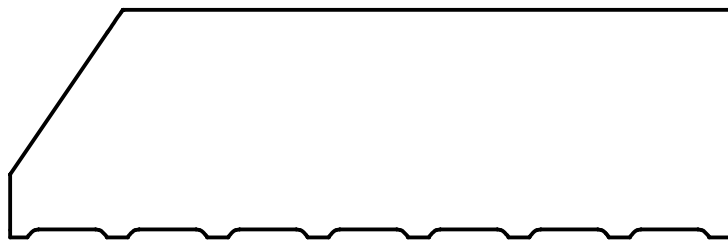


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Baluster ( 1:6 )			Beplantet bæredygtig trappe		
			Edition 1.9.8	Sheet 32 / 38	

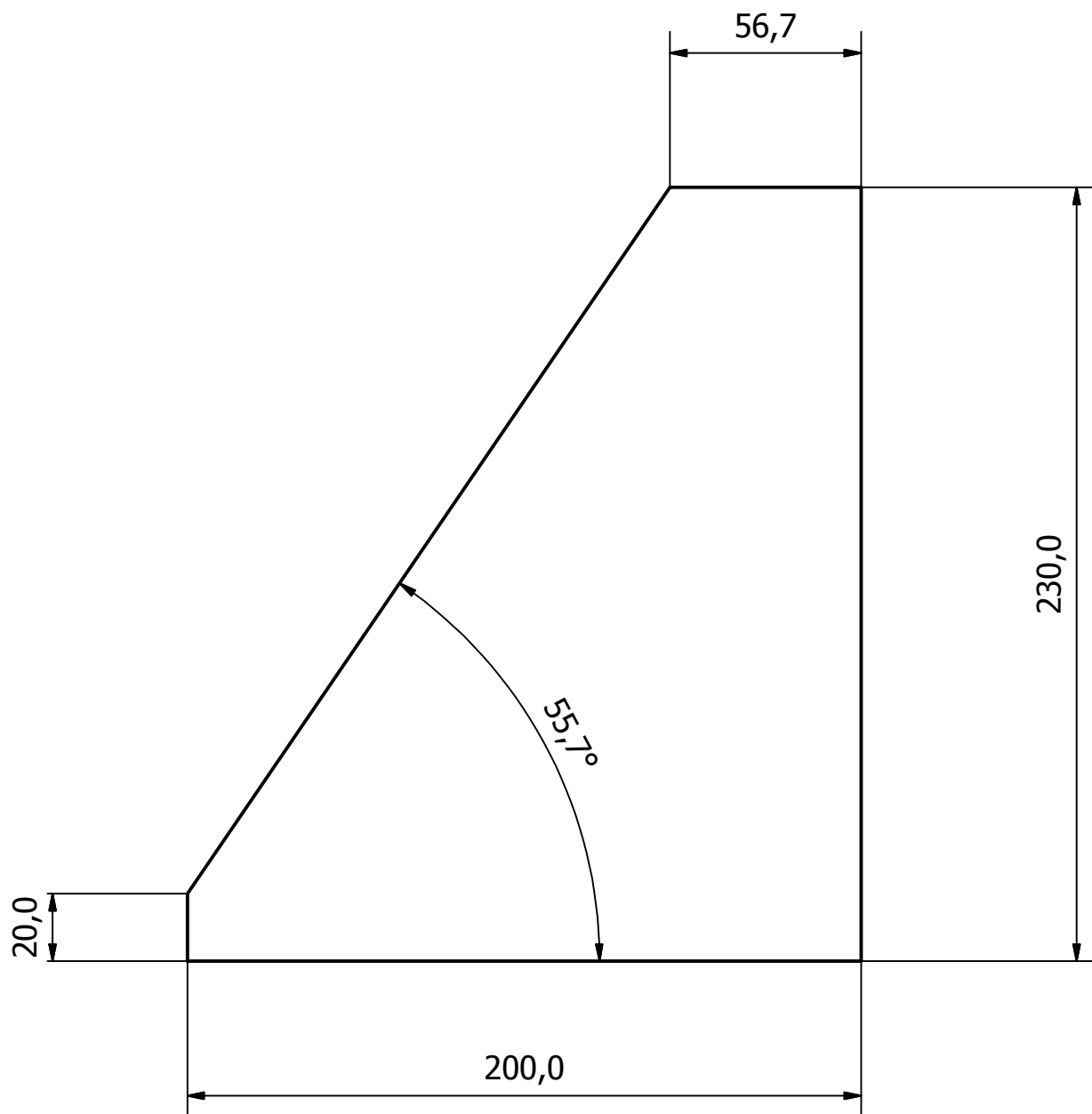




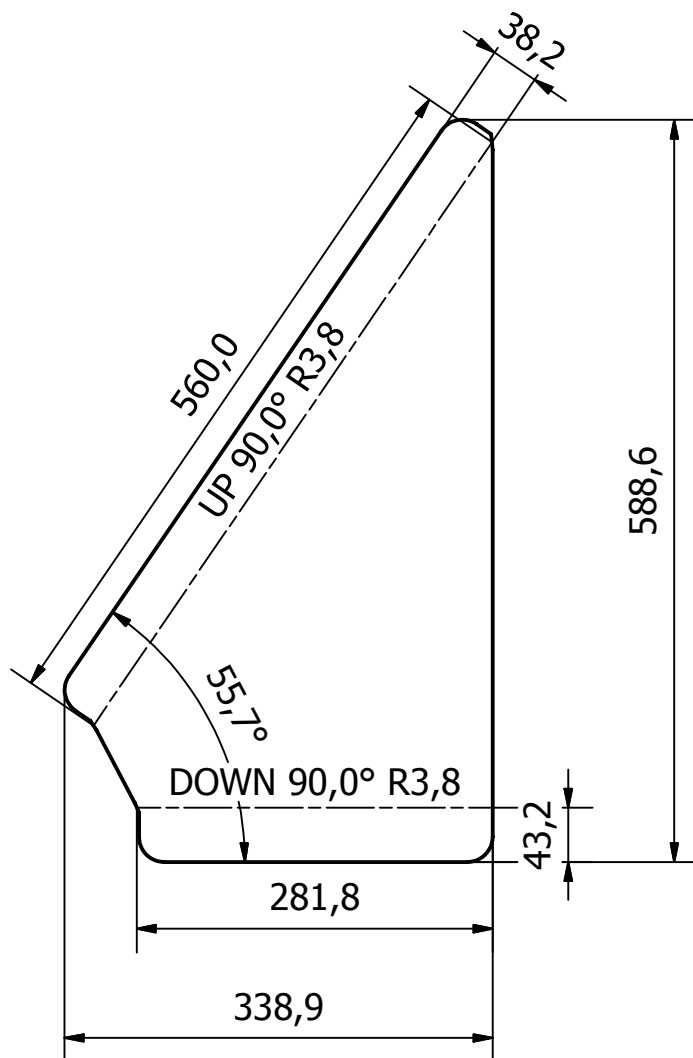
Betegnelse		Materiale		Noter	
svejselære 1		Generic		3 mm plade	
Designed by Kristoffer Ek	Checked by	Approved by		Date 26-09-2019	
Svejselære 1 ( 1 : 2 )					
		Beplantet bæredygtig trappe		Edition 1.9.8	Sheet 33 / 38



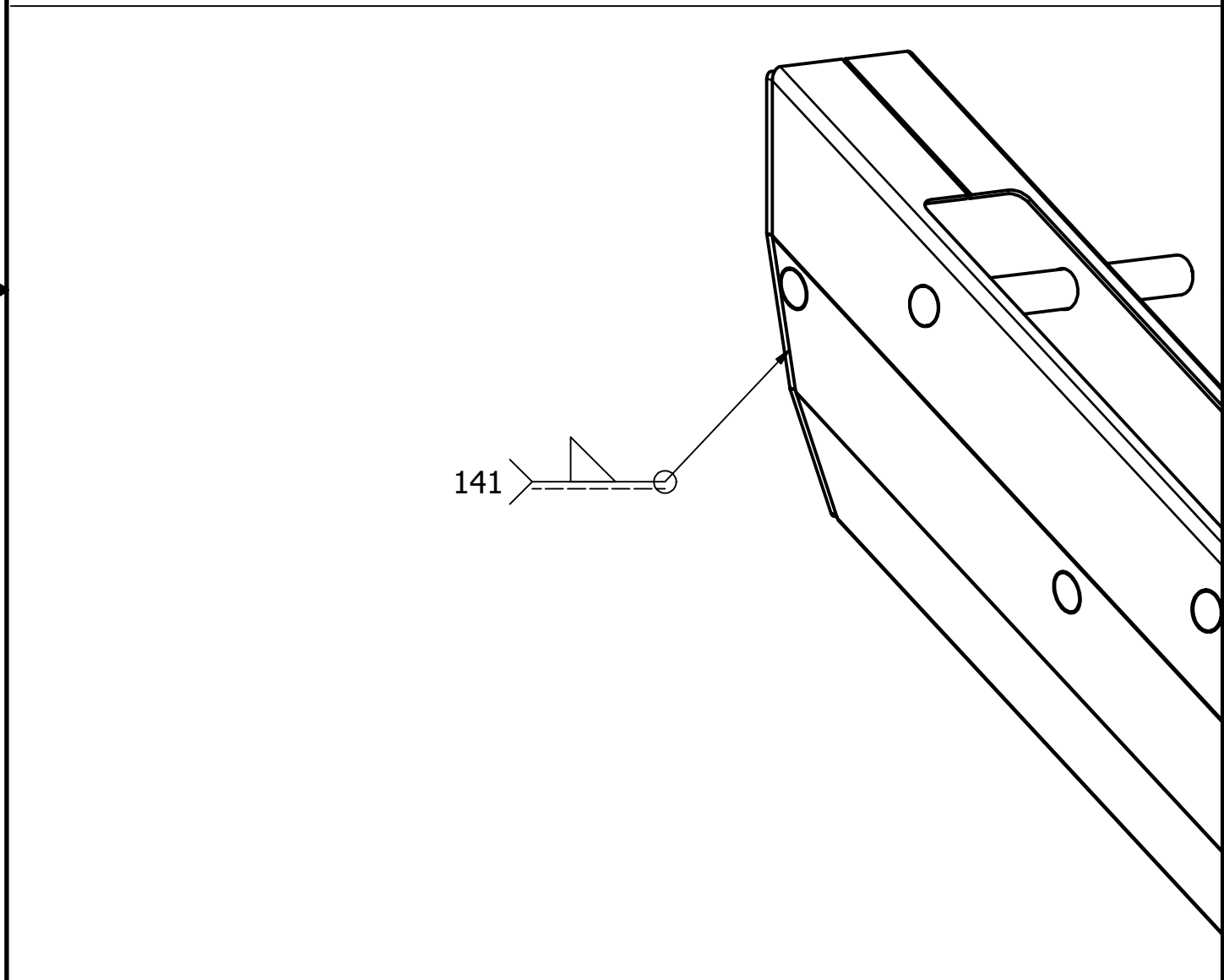
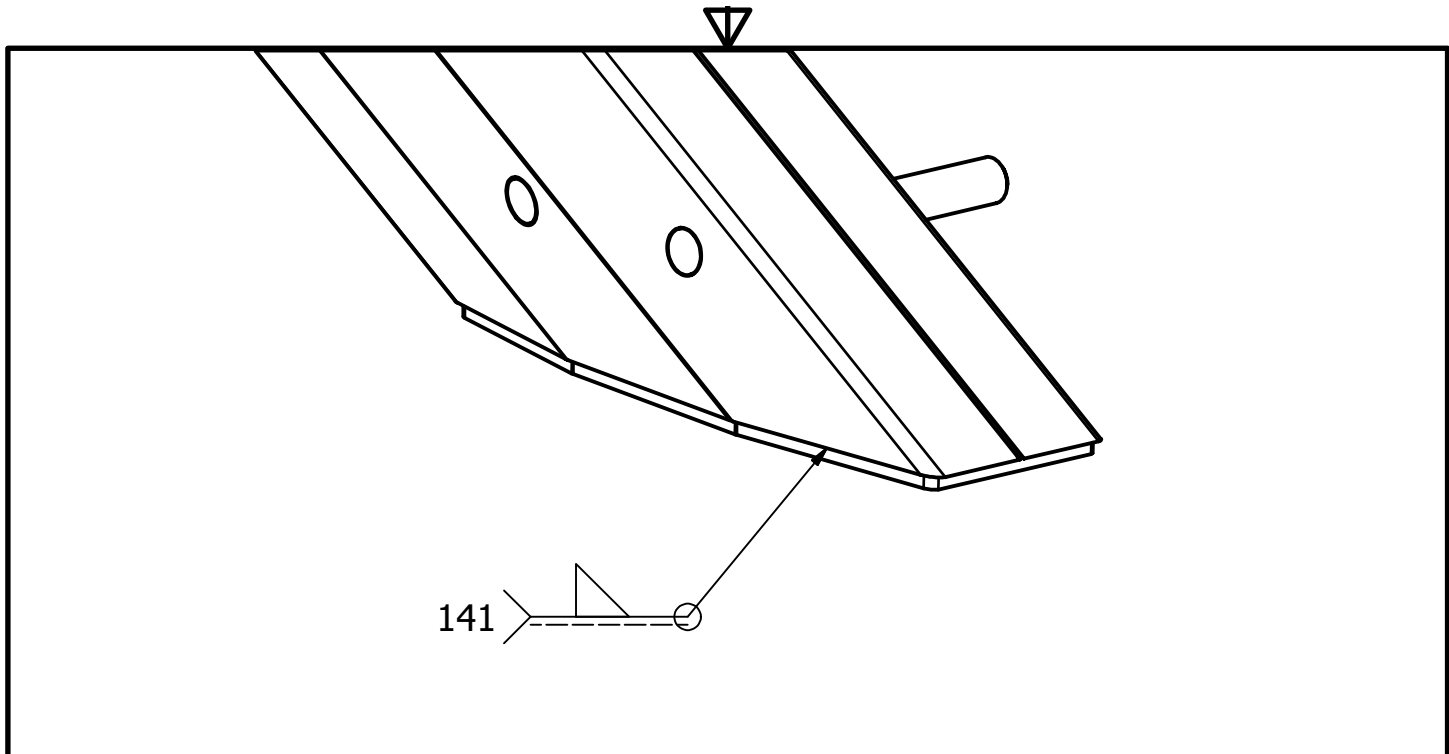
Betegnelse		Materiale		Noter	
svejselære 2 del 1		Generic			
Designed by	Checked by	Approved by	Date	Date	
Kristoffer Ek				26-09-2019	
Svejselære 2 ( 1 : 2 )					
		Beplantet bæredygtig trappe		Edition 1.9.8	Sheet 34 / 38



Betegnelse		Materiale		Noter	
svejselære 2 del 2		Generic		2 mm	
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Svejselære 2 ( 1 : 2 )					
		Beplantet bæredygtig trappe		Edition 1.9.8	Sheet 35 / 38

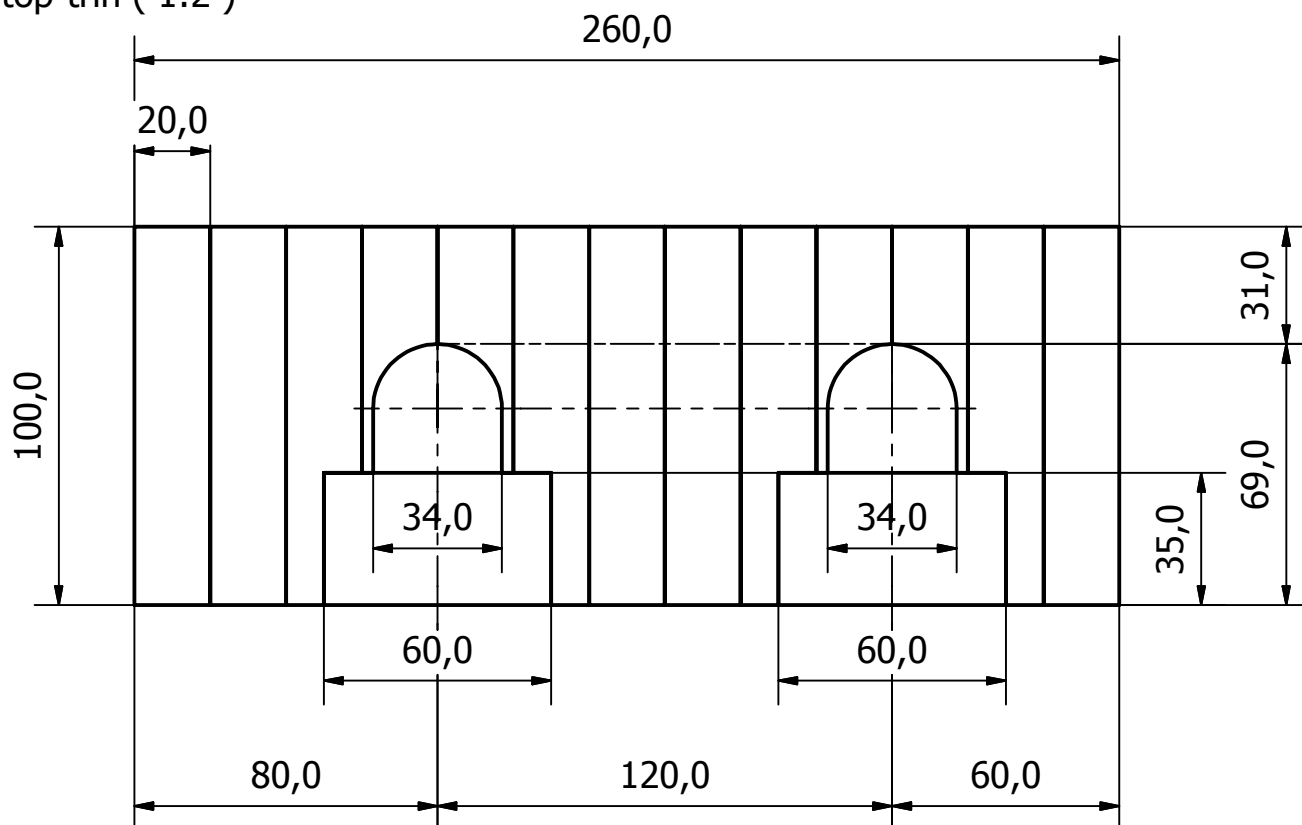


Betegnelse		Materiale		Noter	
svejselære 3		Generic		3 mm plade	
Designed by Kristoffer Ek	Checked by	Approved by		Date 26-09-2019	
Svejselære 3 ( 1:6 )					
		Beplantet bæredygtig trappe		Edition 1.9.8	Sheet 36 / 38

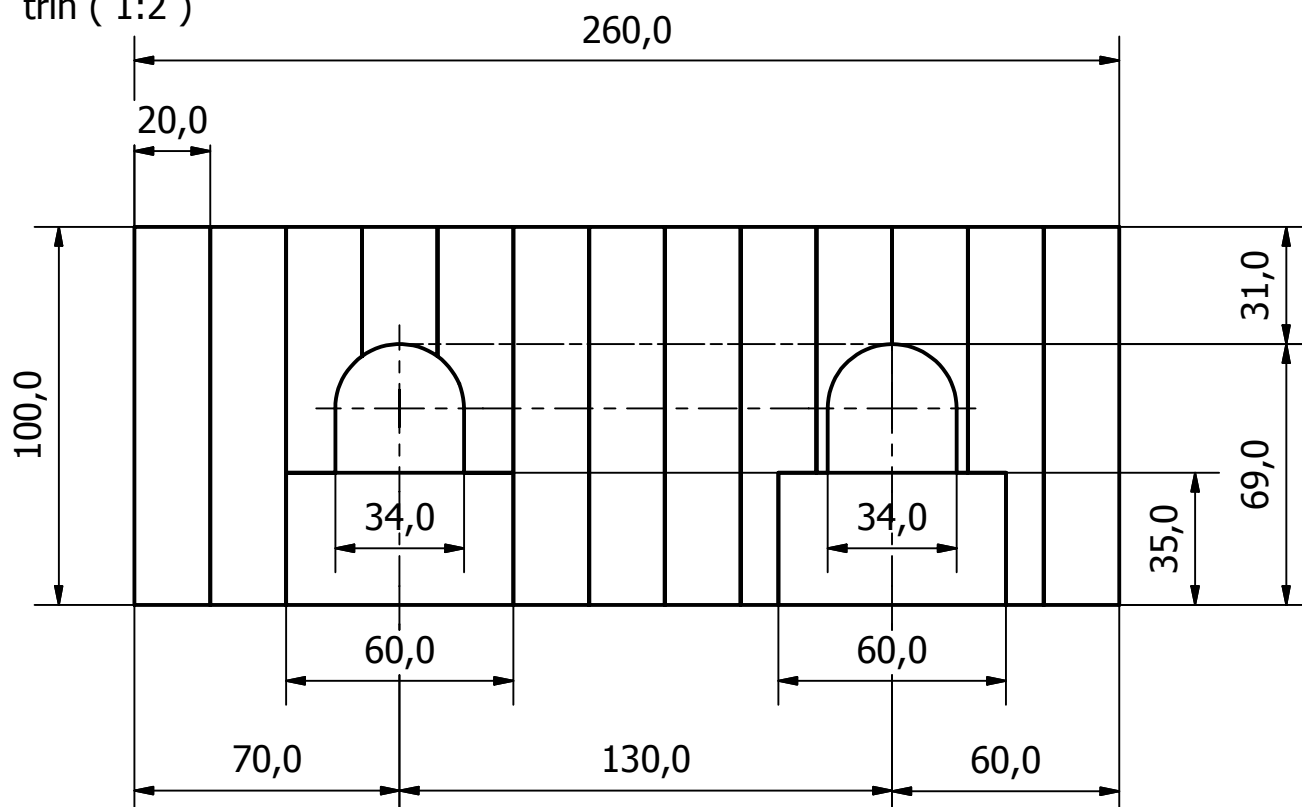


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Svejsning af vange-endeplade ( 1:4 )							
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top-trin ( 1:2 )



trin ( 1:2 )



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Trin Længde er 1884 mm					
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