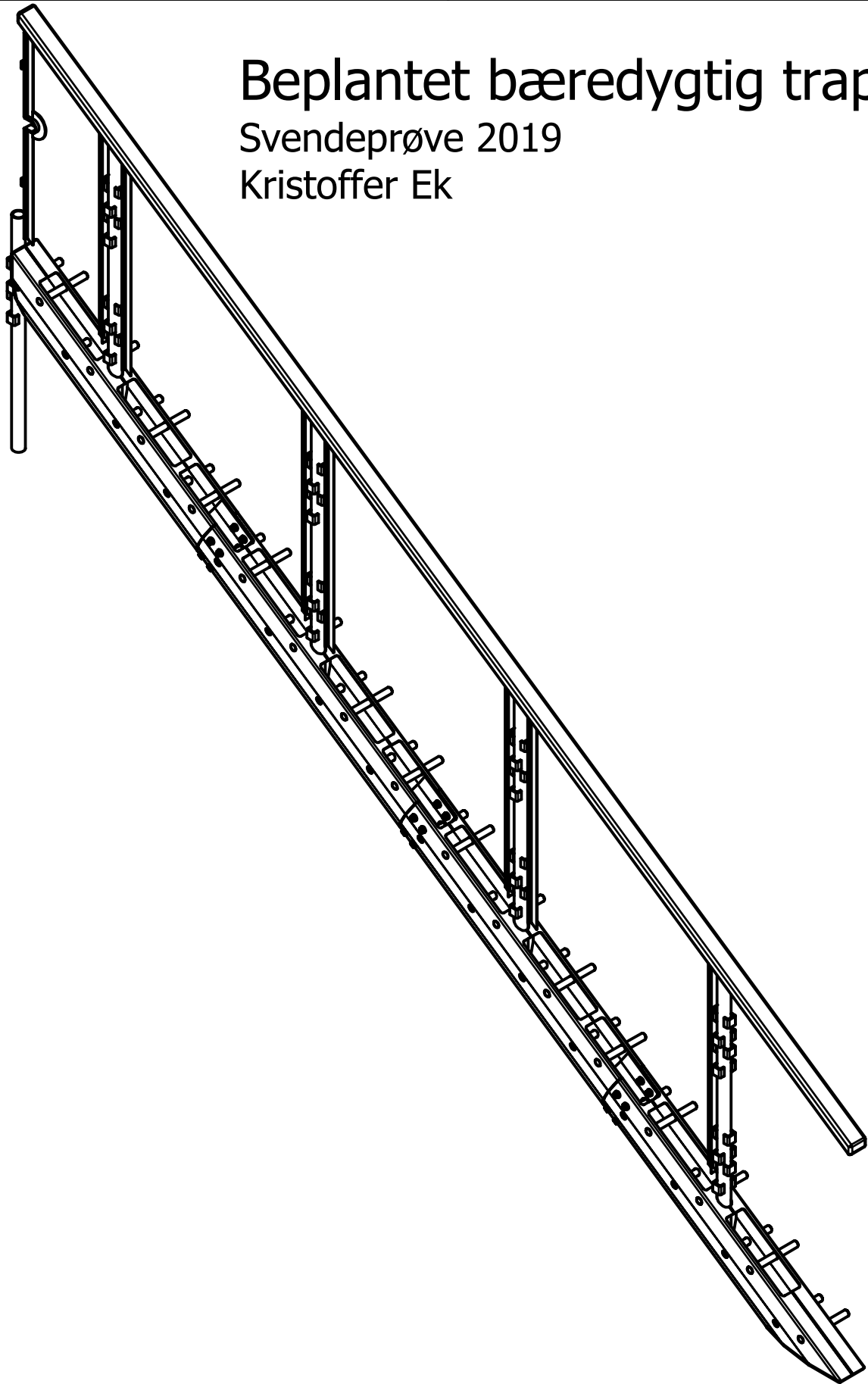


# Beplantet bæredygtig trappe

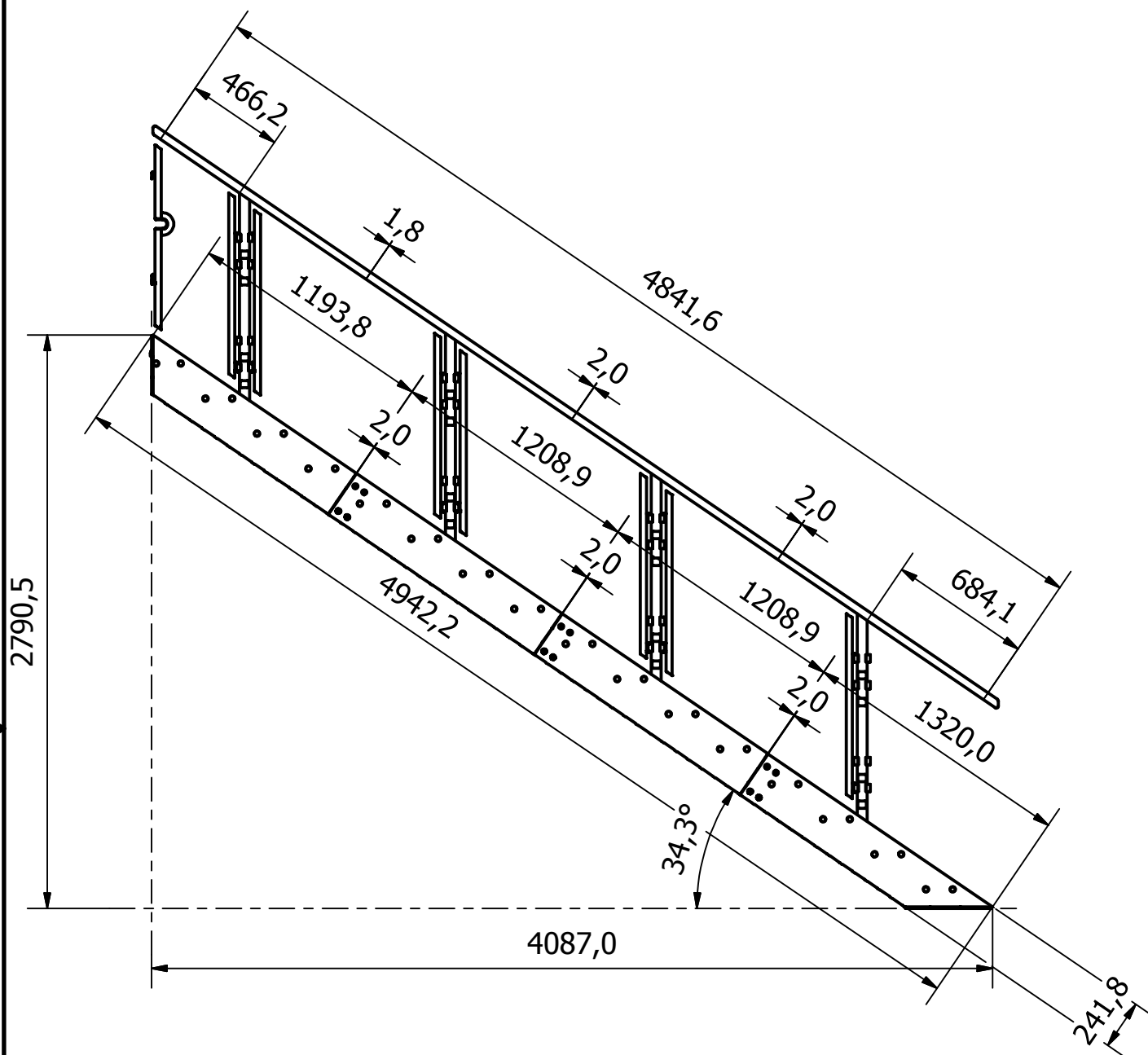
Svendeprøve 2019

Kristoffer Ek

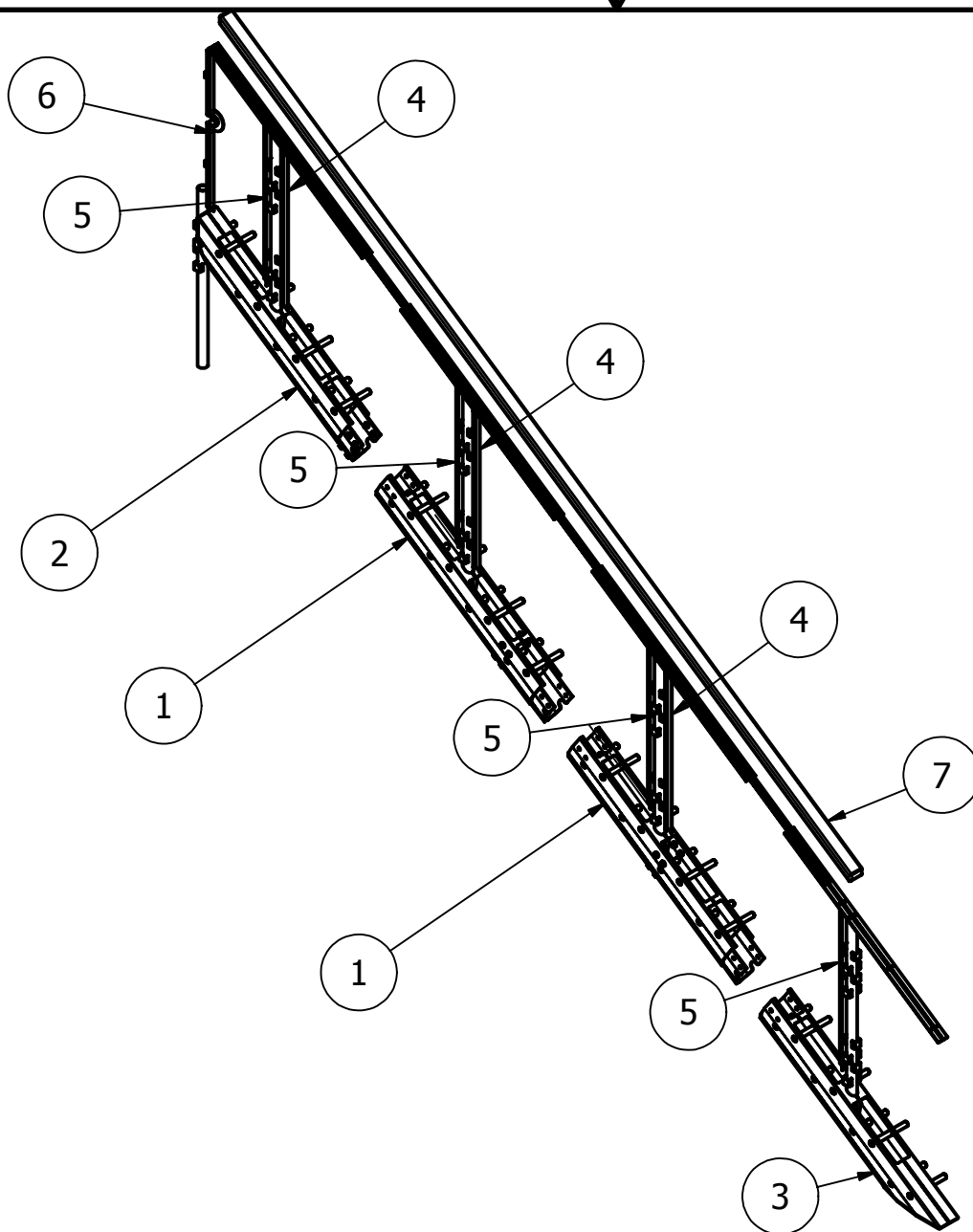


Designed by Kristoffer Ek	Checked by	Approved by	Date	Date 26-09-2019	
			Beplantet bæredygtig trappe	Edition 1.10.3	Sheet 1 / 41

Overordnede mål ( 1:30 )

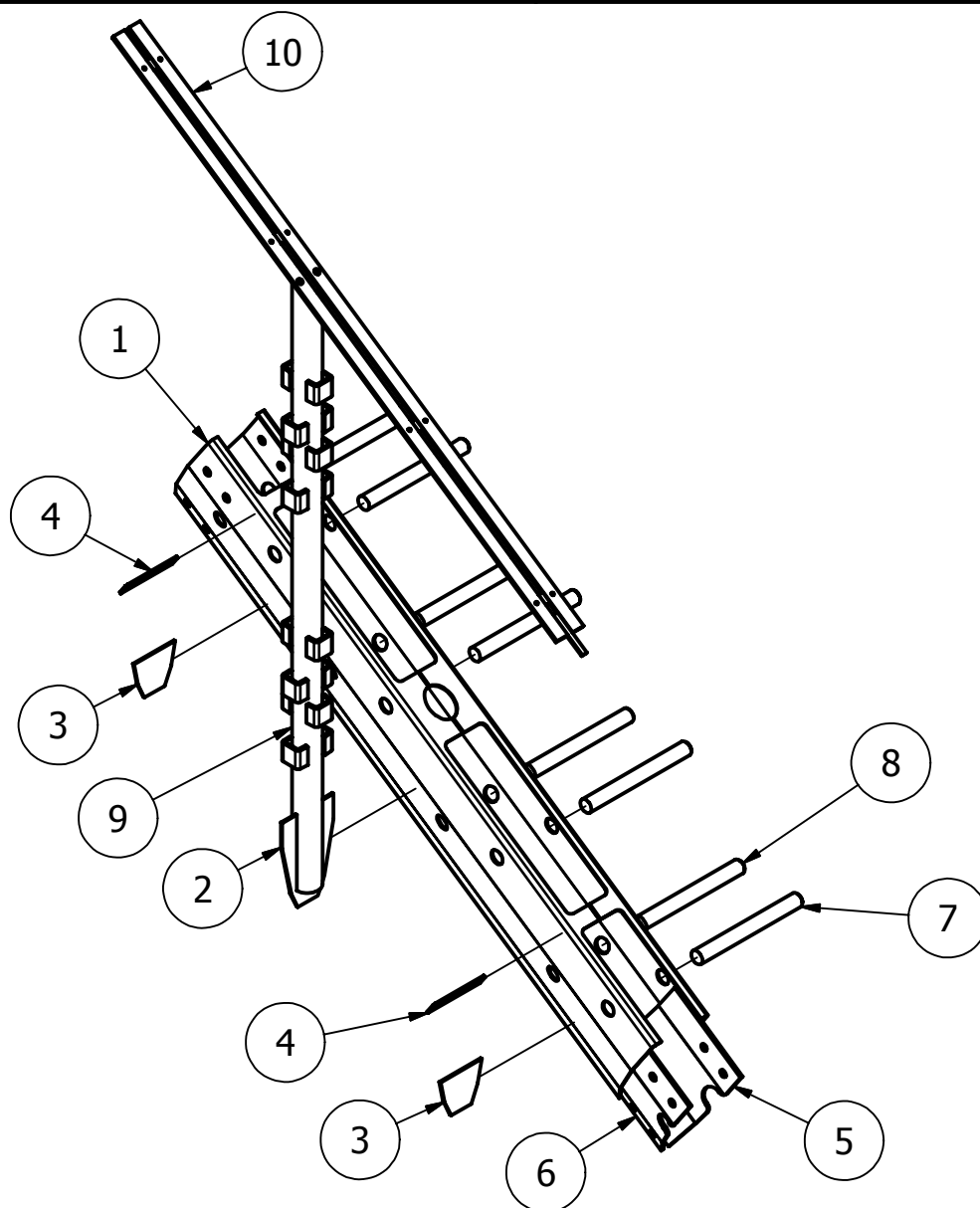


Designed by Kristoffer Ek	Checked by	Approved by	Date	Date	
				26-09-2019	
			Bepantet bæredygtig trappe	Edition 1.10.3	Sheet 2 / 41



# 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		Side 40
9	48	ISO 7089 - 12		
10	24	ISO 4032 - M12		
11	24	ISO 4017 - M12 x 30		
Designed by 14 Kristoffer Ek	4	acryl-difuseringsplader	PC/ABS Plastic	Date 26-09-2019



# 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	trappestift	S355J2	Side 28
8	4	trappestift skrå	S355J2	Side 28
9	1	stilladssøjle		
10	1	håndfang		Side 12

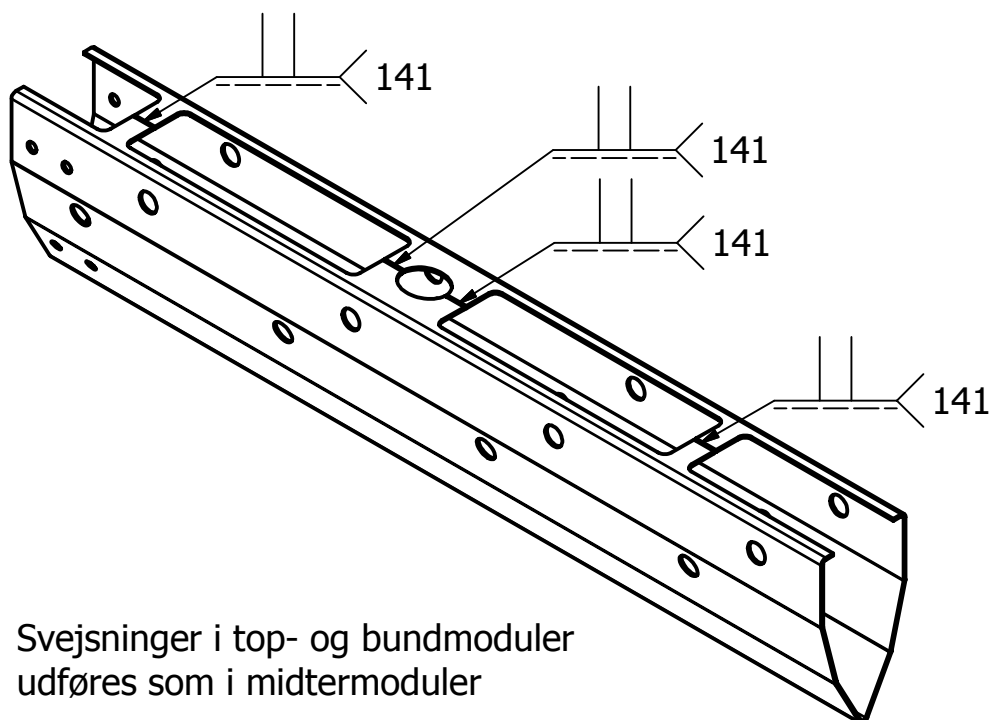
Designed by Kristoffer Ek	Checked by	Approved by	Date	Date 26-09-2019	
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Modul

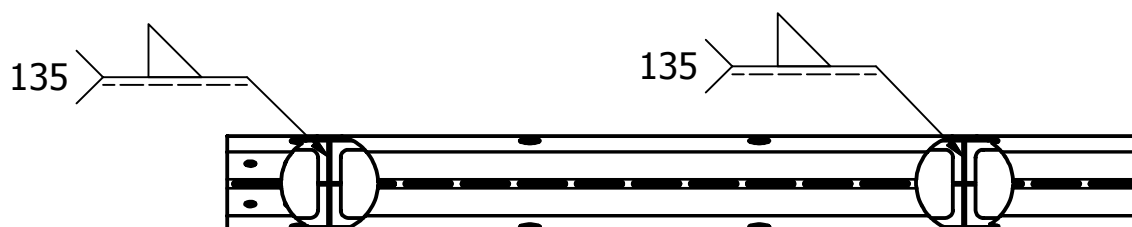
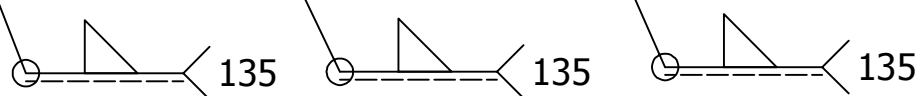
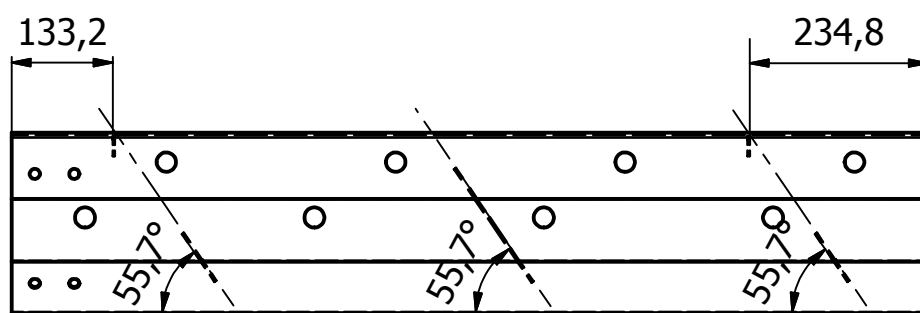
Beplantet bæredygtig trappe

Edition  
1.10.3

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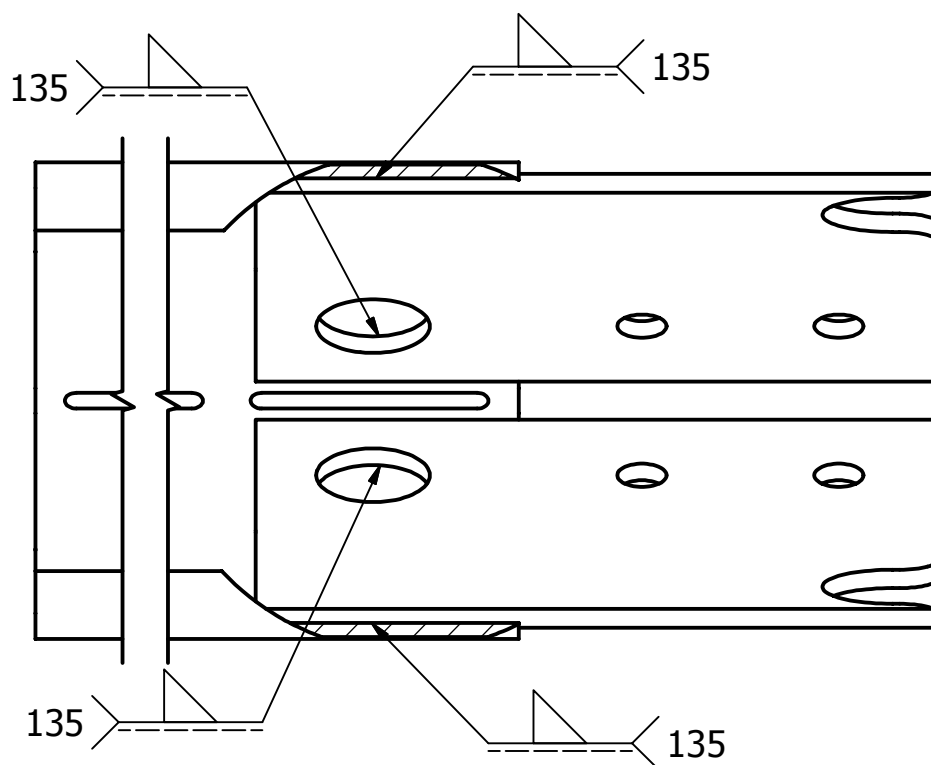


Svejsninger i top- og bundmoduler  
udføres som i midtermoduler



Designed by Kristoffer Ek	Checked by	Approved by	Date	Date 26-09-2019	
Svejsninger skot			Beplantet bæredygtig trappe		
			Edition 1.10.3	Sheet 5 / 41	

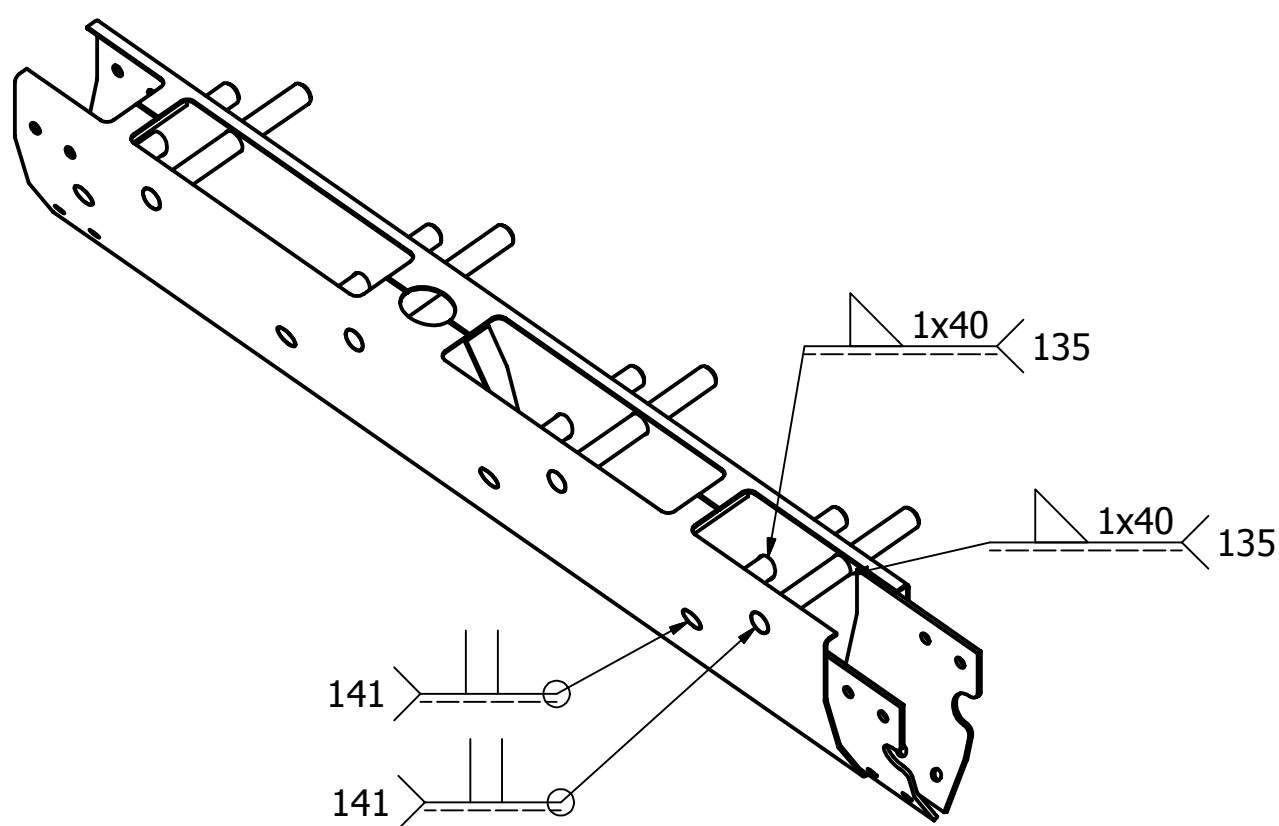
Svejsninger i topmoduler  
udføres som i midtermoduler



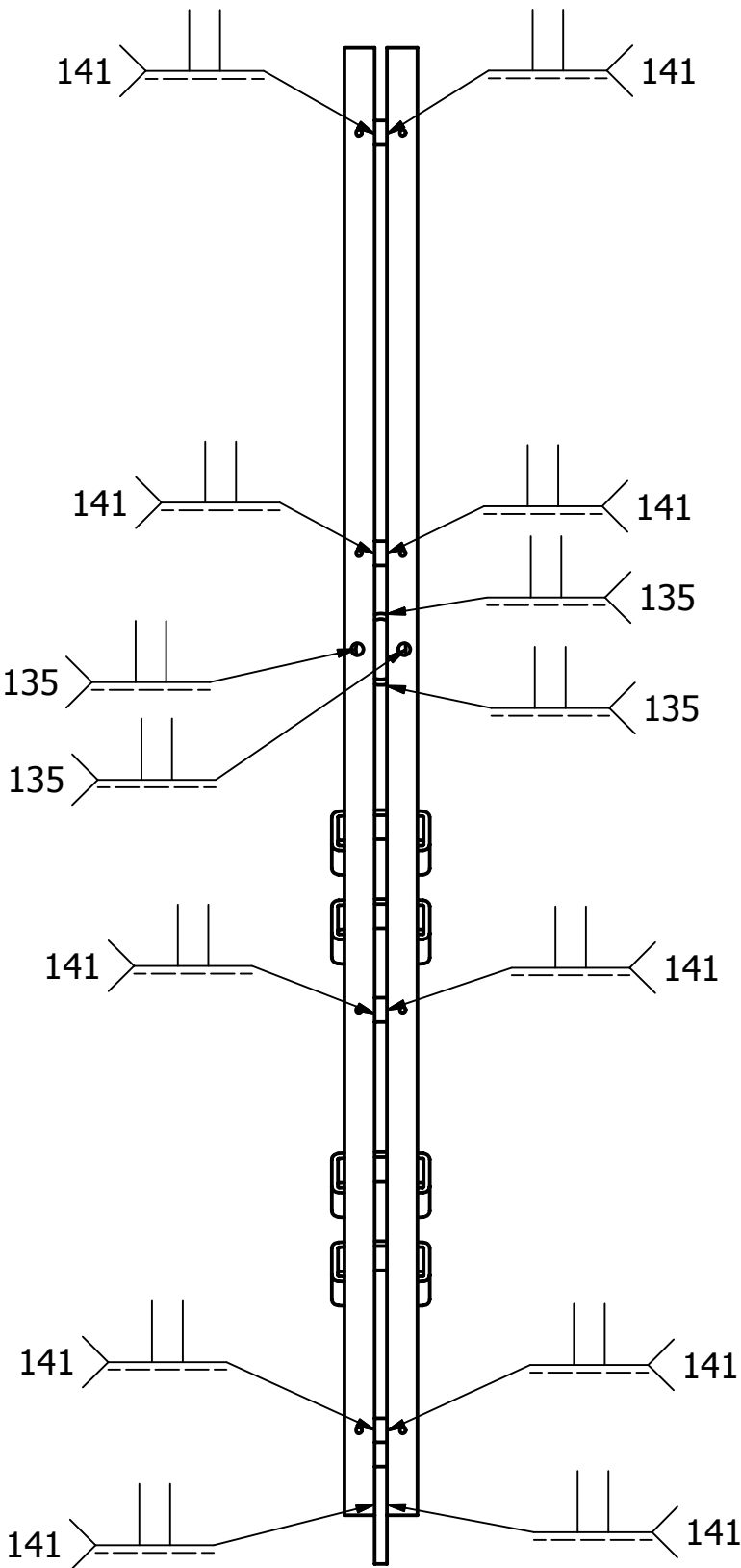
Placering af lasker sker ved at montere lasker  
med skruer på nabomodul adskilt af 2 mm spalte  
mellem moduler

Designed by Kristoffer Ek	Checked by	Approved by	Date	Date 26-09-2019	
Svejsninger af lasker					
			Beplantet bæredygtig trappe	Edition 1.10.3	Sheet 6 / 41

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 1.10.3	Sheet 7 / 41	

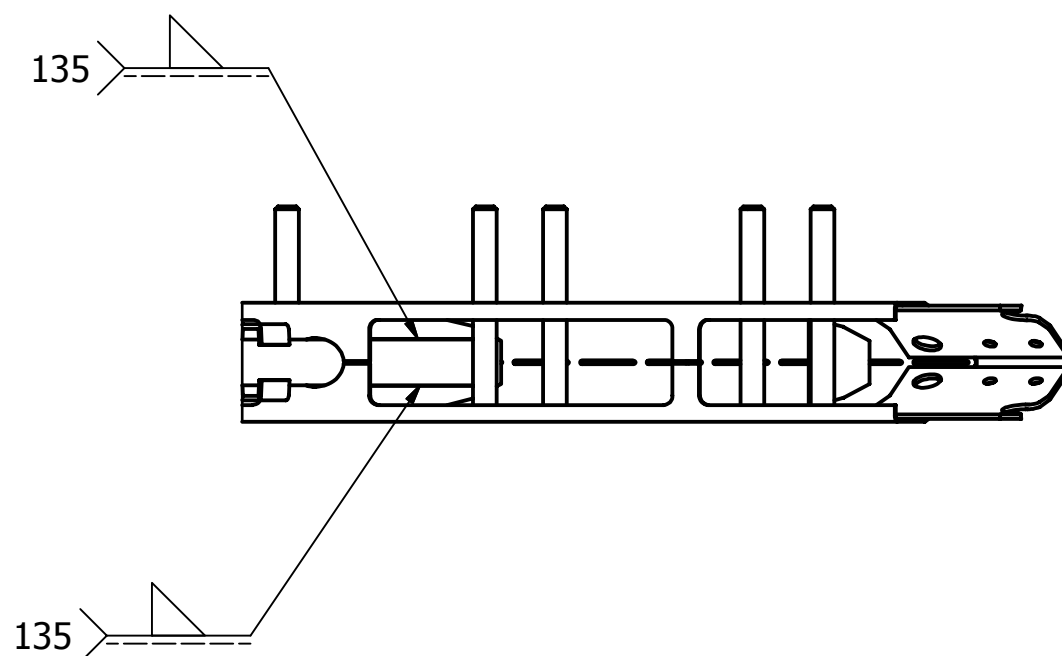


Svejsninger i top- og bundmoduler udføres som i midtermoduler

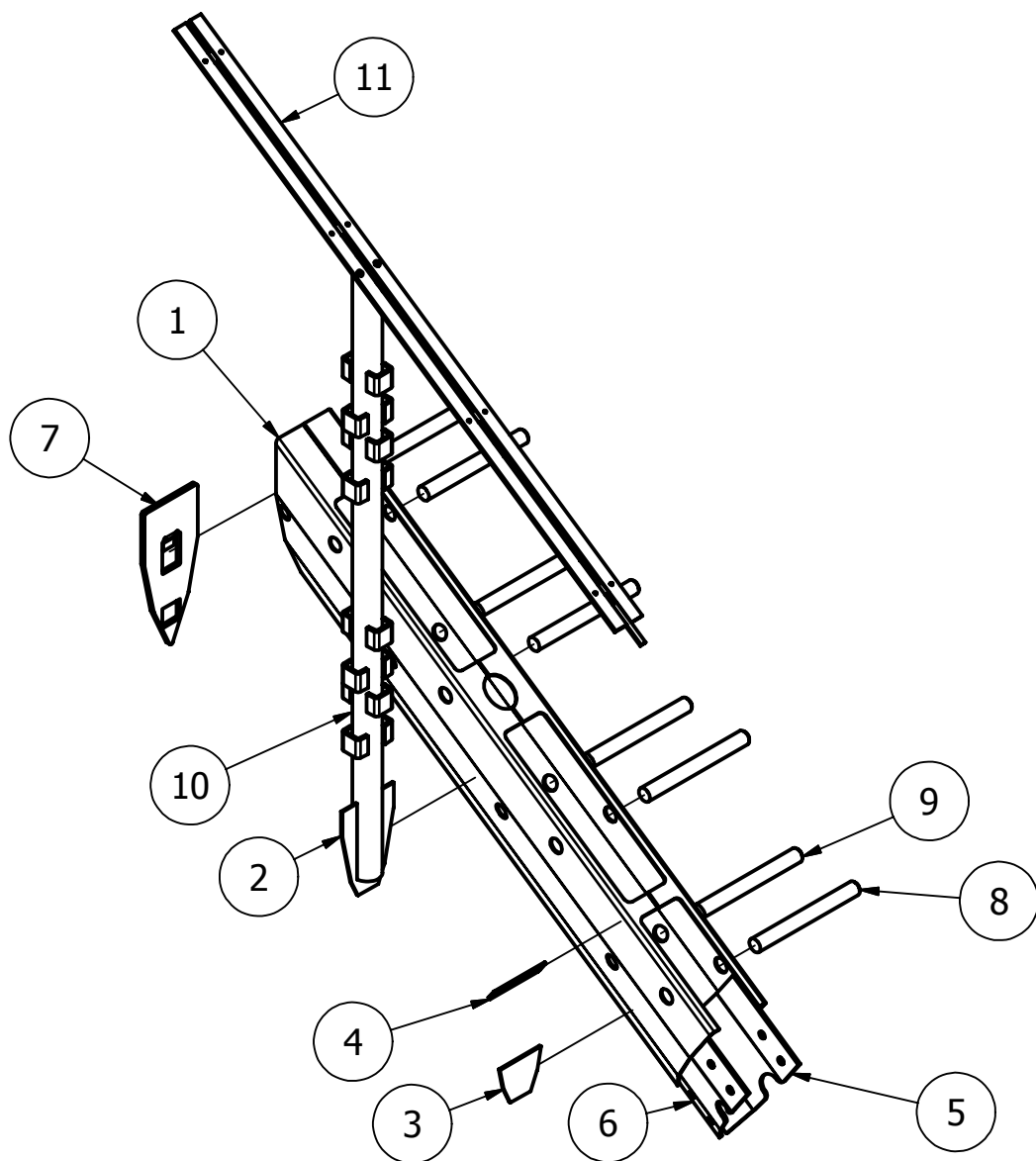
Designed by Kristoffer Ek	Checked by	Approved by	Date	Date 26-09-2019	
Svejsning af håndfang					
			Beplantet bæredygtig trappe	Edition 1.10.3	Sheet 8 / 41



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 1.10.3	Sheet 9 / 41	



### 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

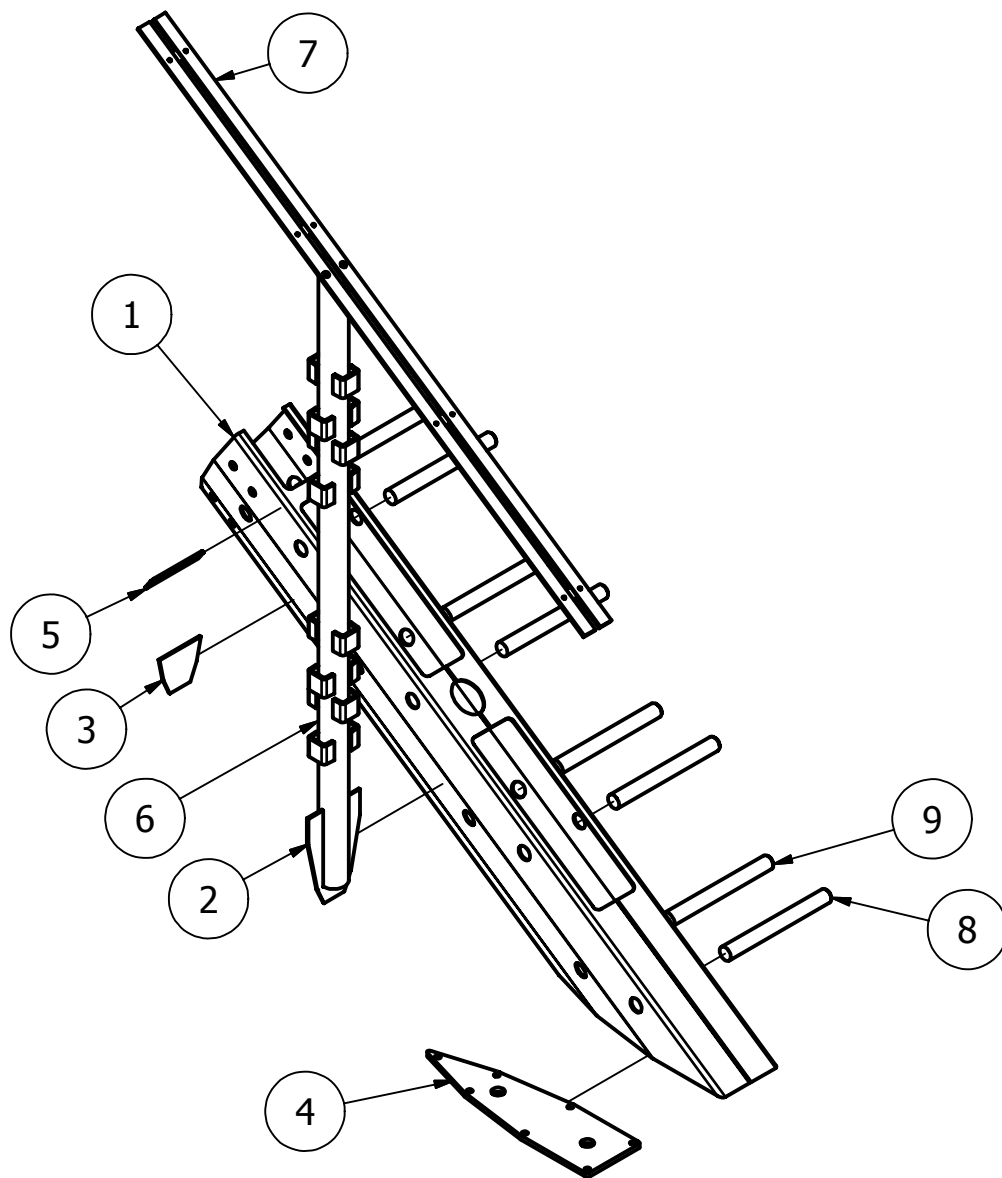
26-09-2019

Modul top

Beplantet bæredygtig trappe

Edition  
1.10.3

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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
4	1	bund vange-endeplade	S235JR	Side 26
5	1	skot opad	S355MC	Side 23
6	1	stilladssøjle		
7	1	håndfang bund		Side 12
8	4	trappestift	S355J2	Side 28
9	4	trappestift skrå	S355J2	Side 28

Designed by  
Kristoffer Ek

Checked by

Approved by

Date

Date

26-09-2019

Modul bund

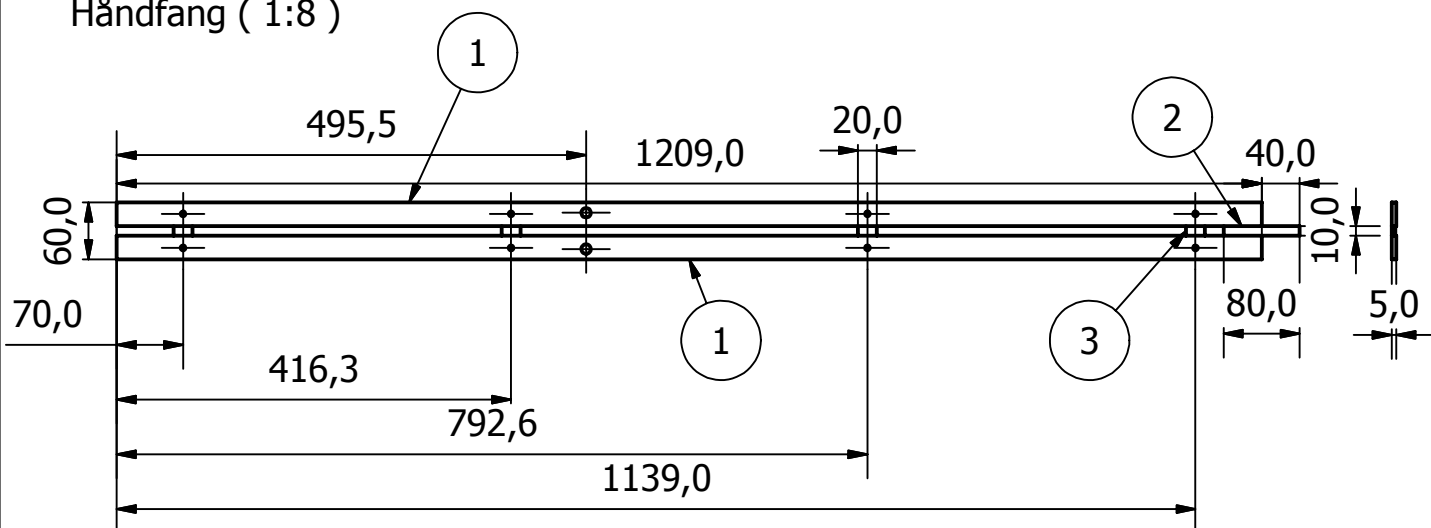
Beplantet bæredygtig trappe

Edition  
1.10.3

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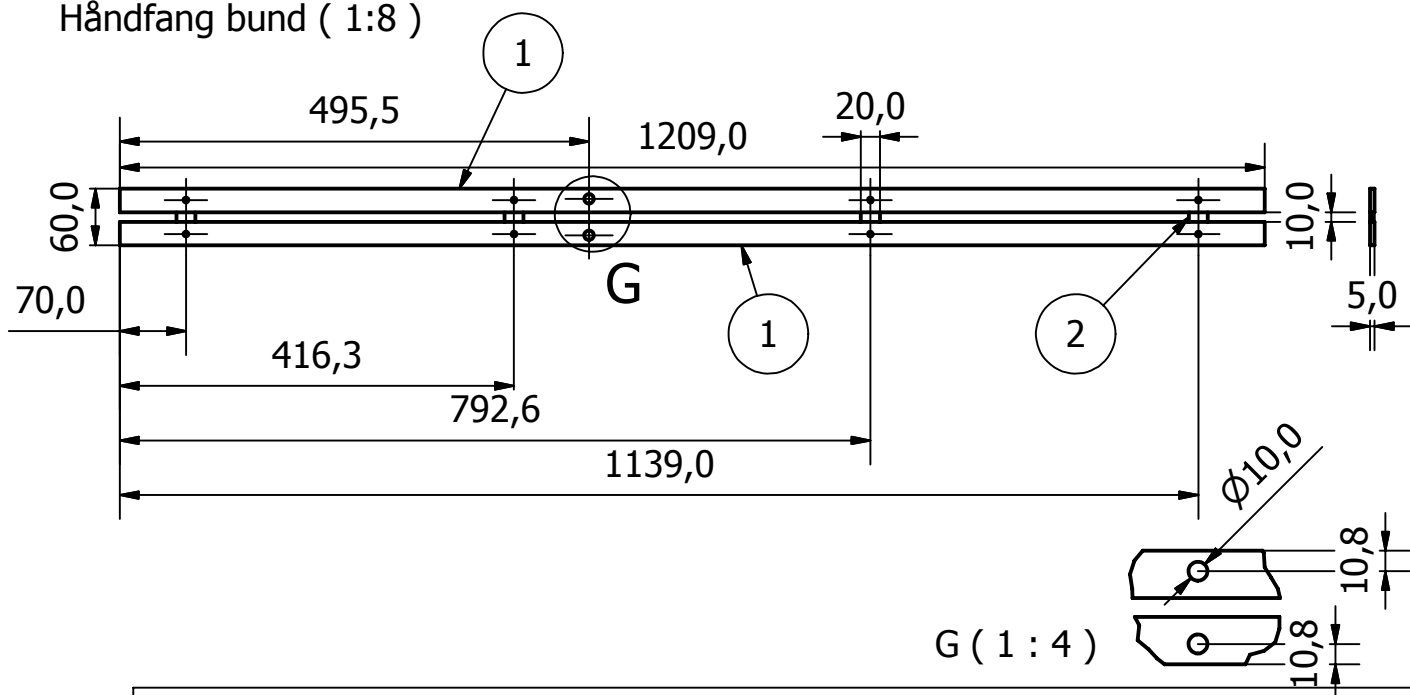
Håndfang ( 1:8 )



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

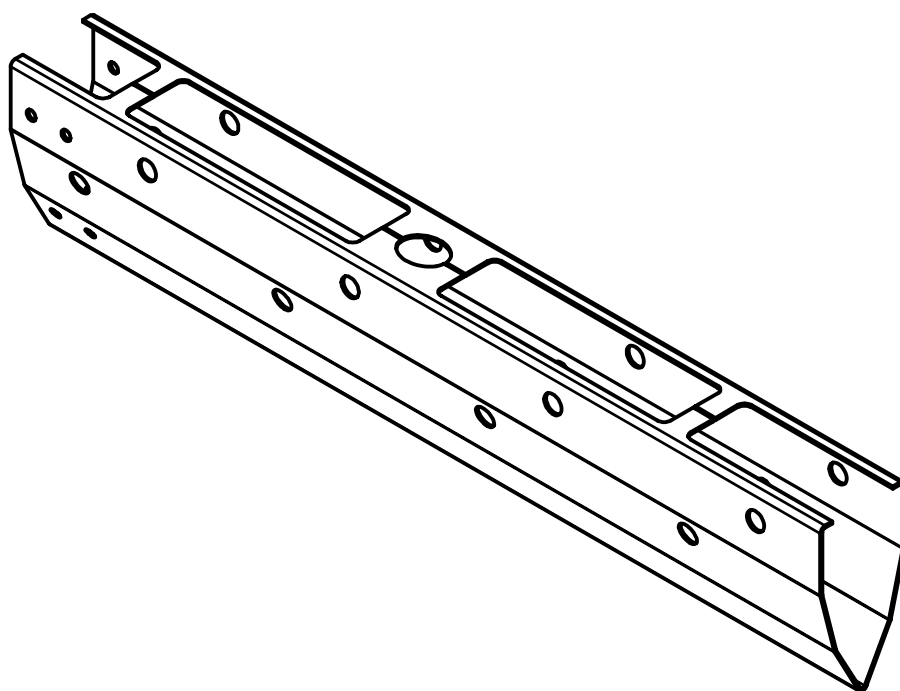
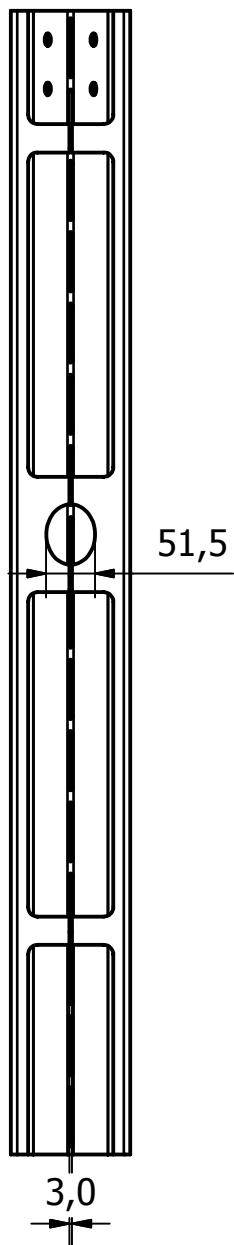
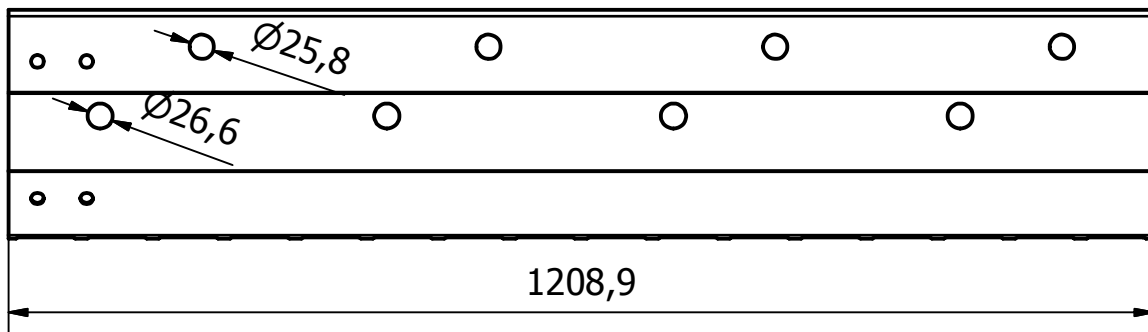
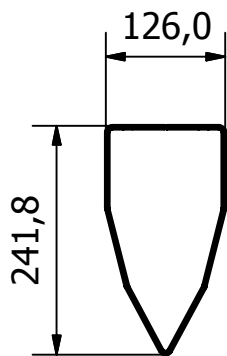
Håndfang

Beplantet bæredygtig trappe

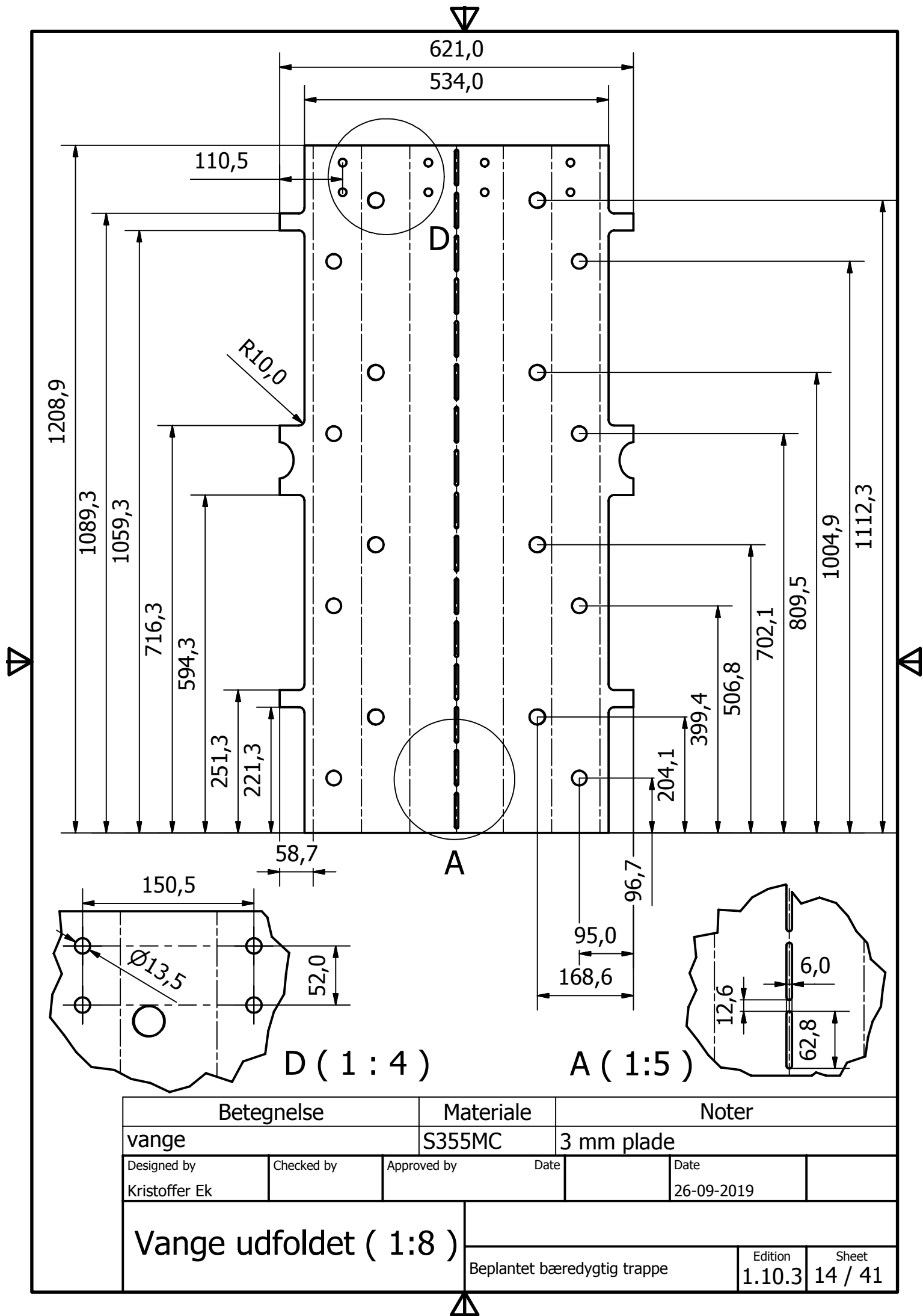
Edition  
1.10.3

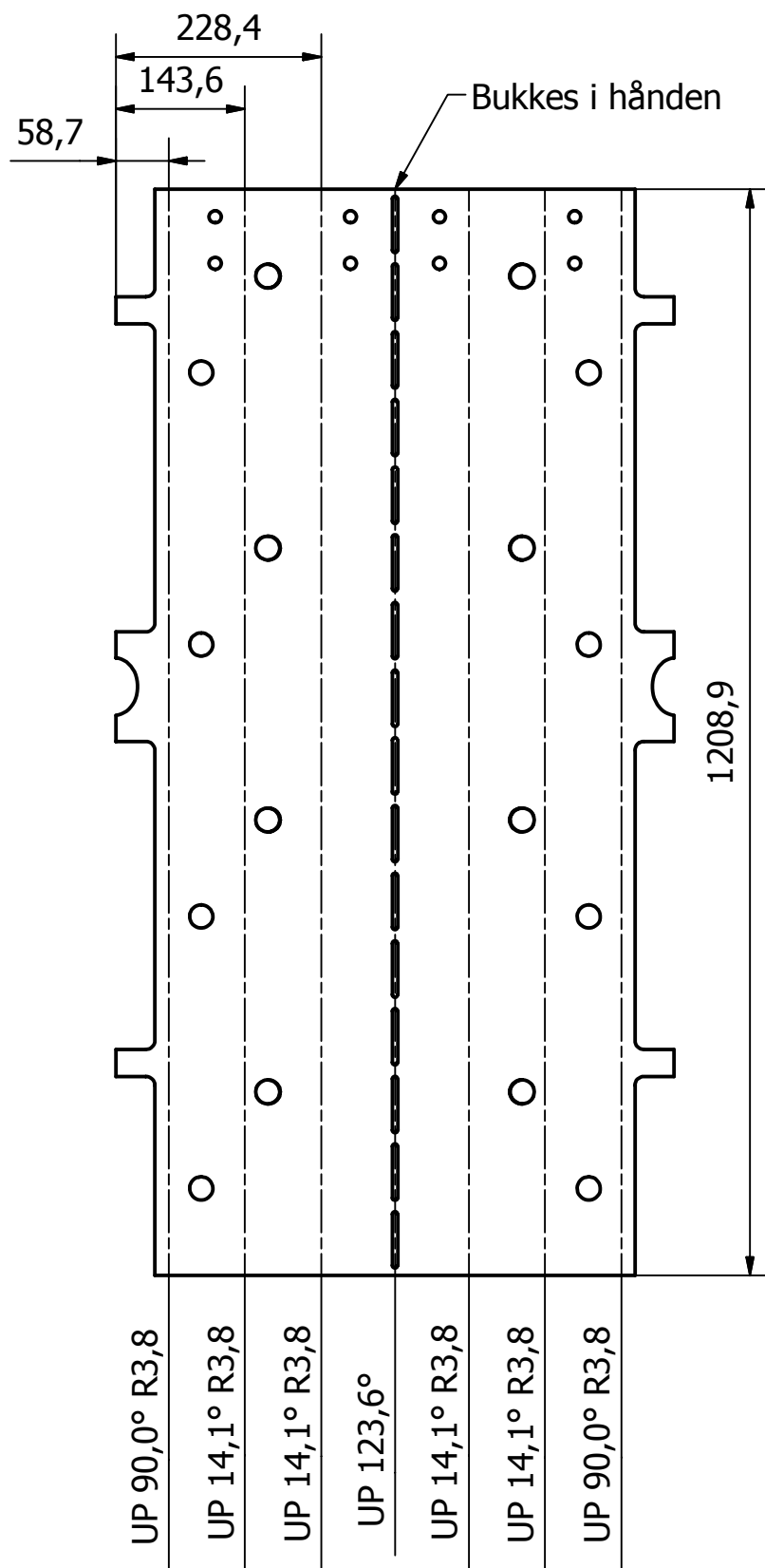
Sheet  
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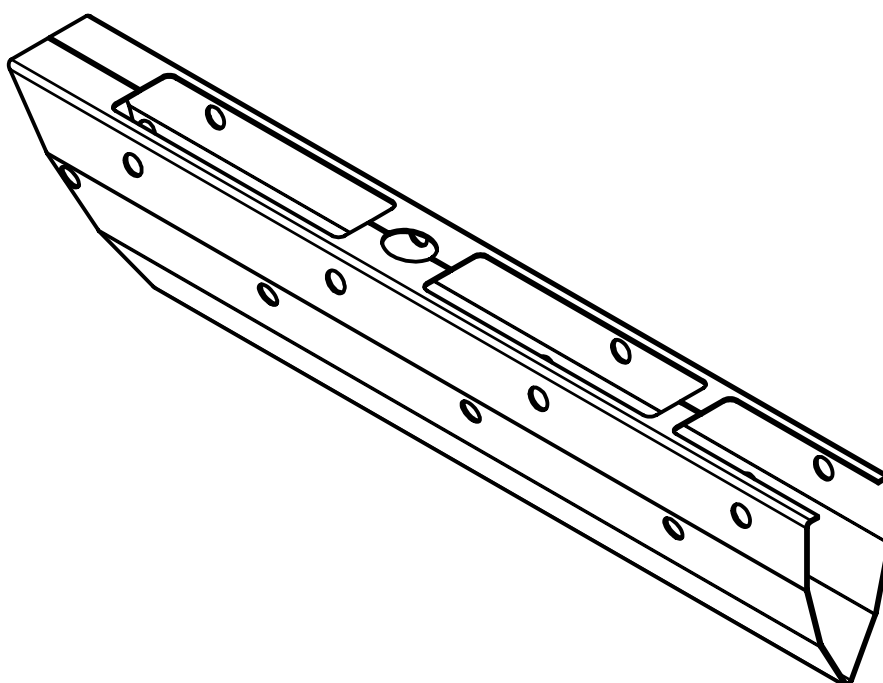
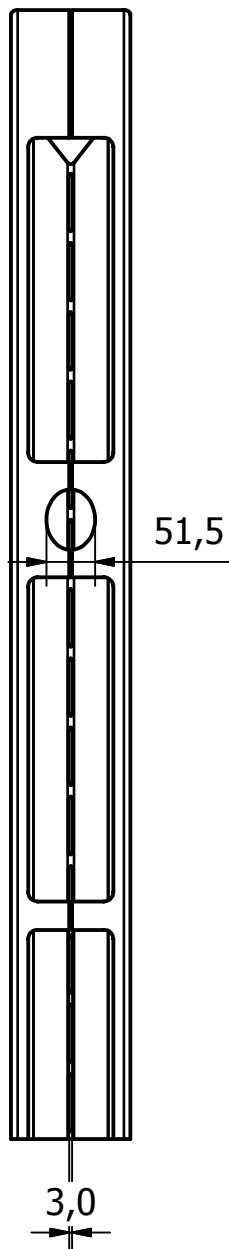
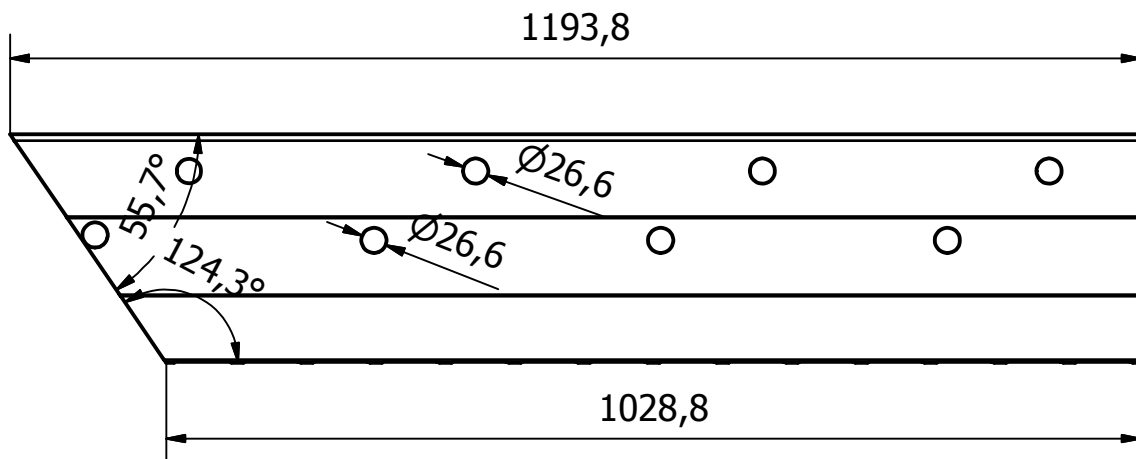
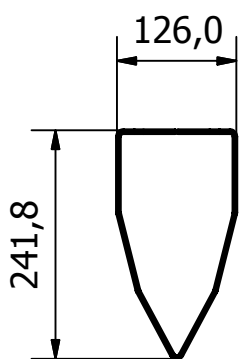


Betegnelse		Materiale		Noter	
vange		S355MC		3 mm plade	
Designed by	Checked by	Approved by		Date	
Kristoffer Ek				26-09-2019	
Vange ( 1:8 )					
		Beplantet bæredygtig trappe		Edition 1.10.3	Sheet 13 / 41



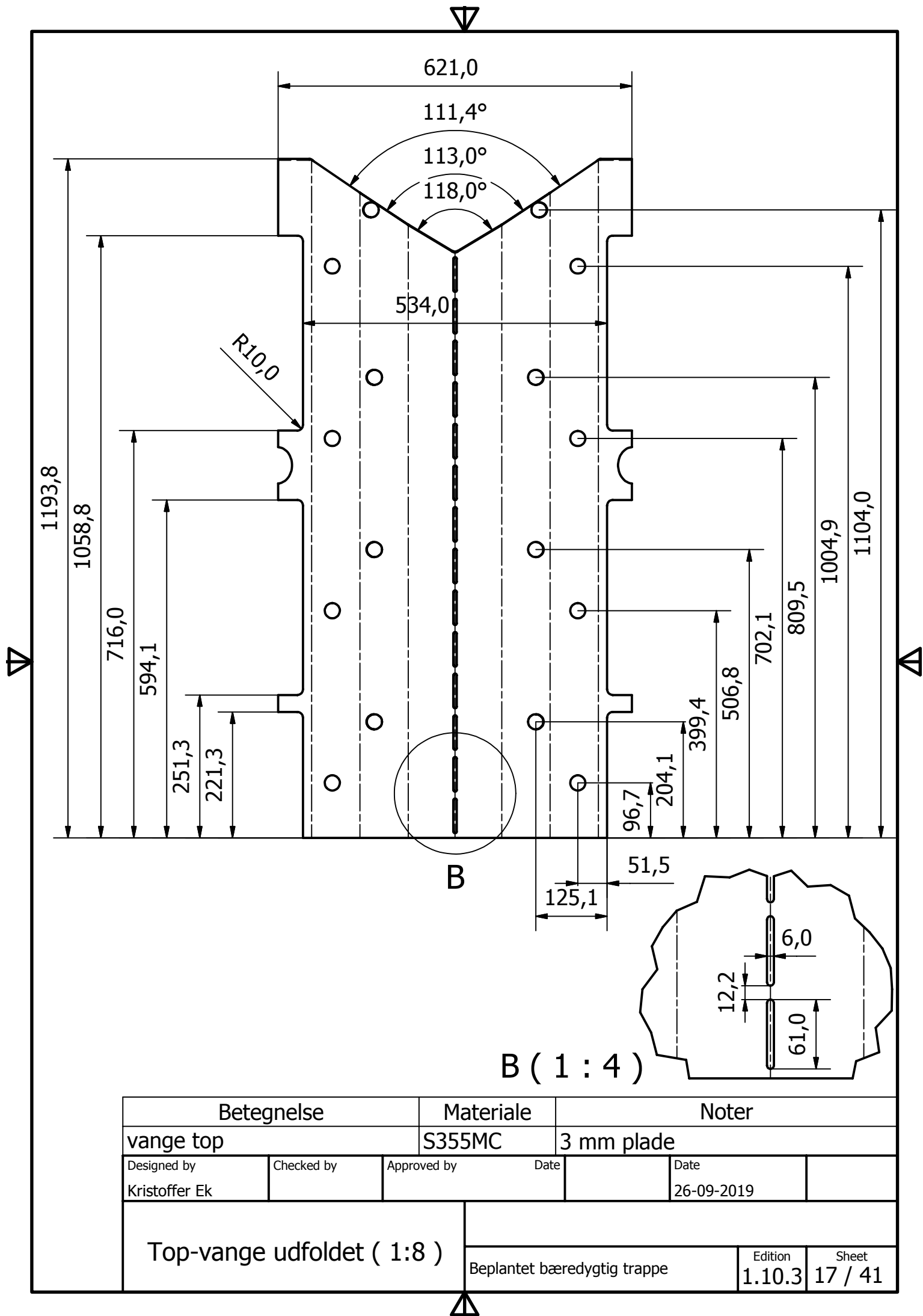


Betegnelse		Materiale		Noter	
vange		S355MC		3 mm plade	
Designed by	Checked by	Approved by		Date	
Kristoffer Ek				26-09-2019	
Vange buk ( 1:8 )					
		Beplantet bæredygtig trappe		Edition 1.10.3	Sheet 15 / 41

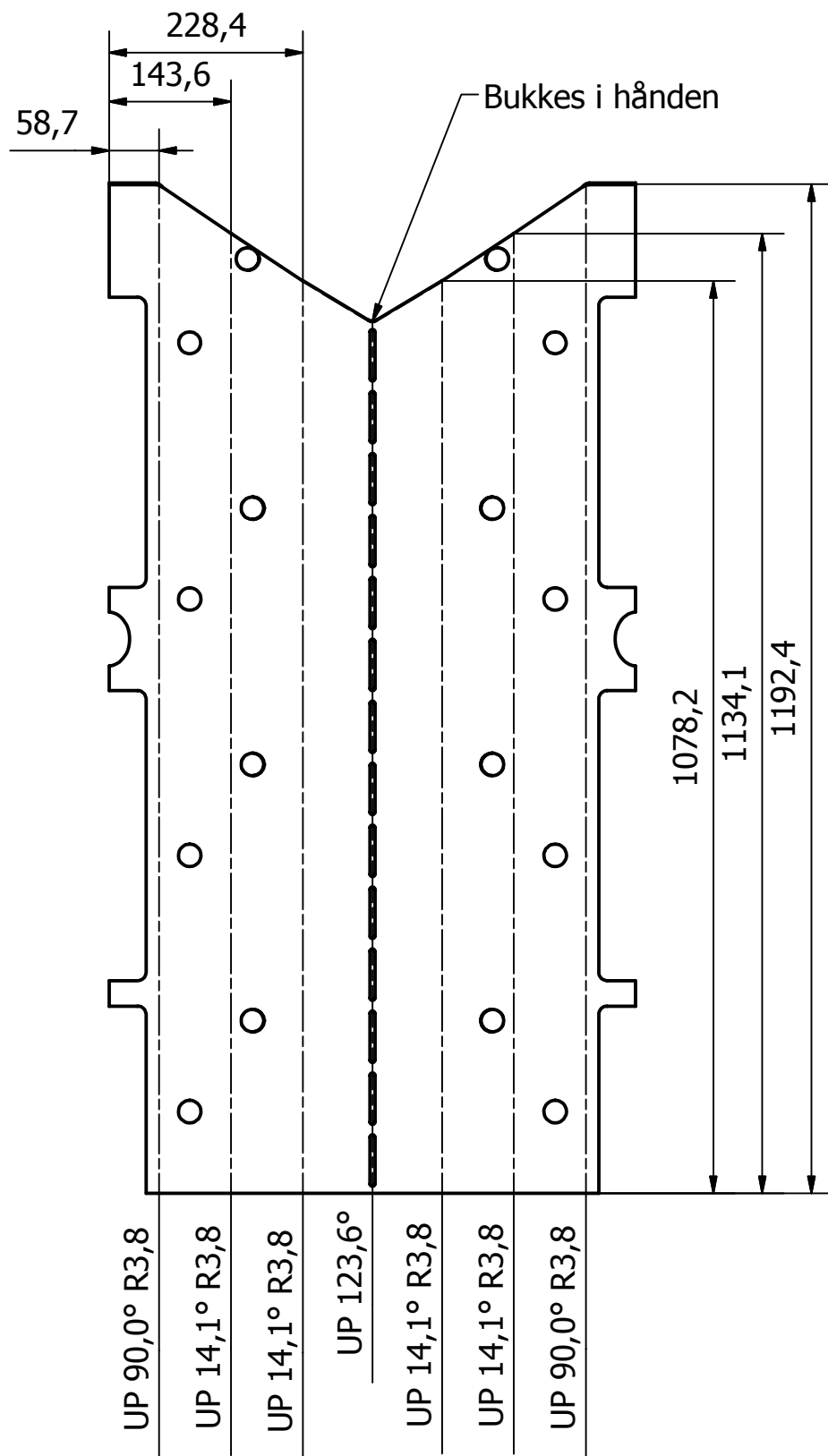


Betegnelse		Materiale		Noter		
vange top		S355MC		3 mm plade		
Designed by	Checked by	Approved by		Date		Date
Kristoffer Ek						26-09-2019
Top-vange ( 1:8 )						
			Beplantet bæredygtig trappe		Edition	Sheet
					1.10.3	16 / 41

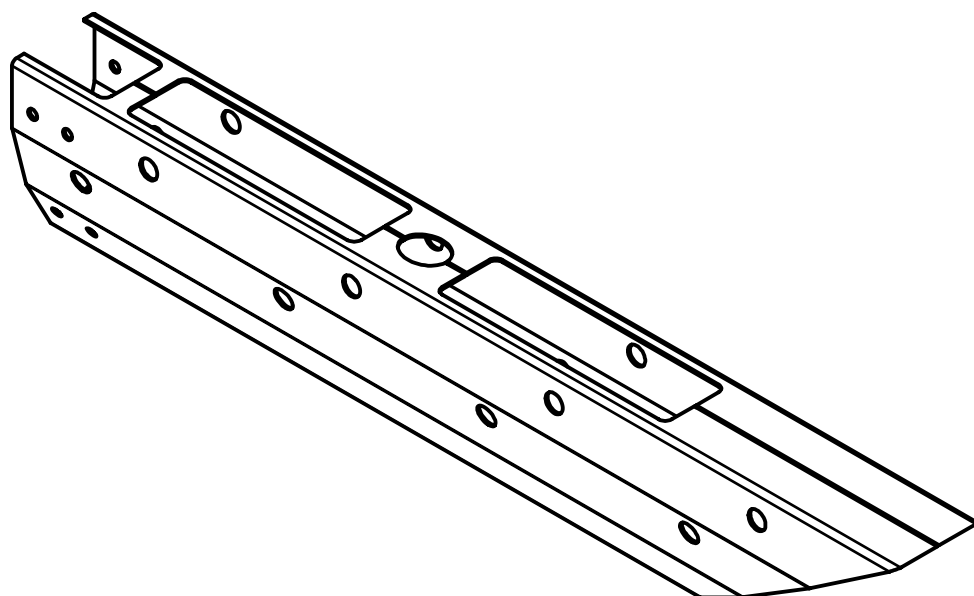
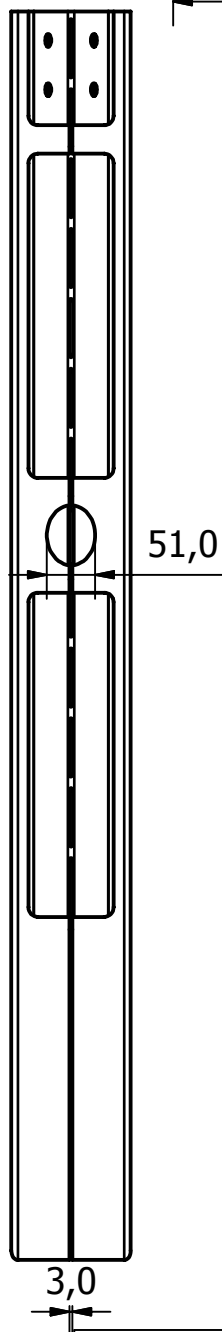
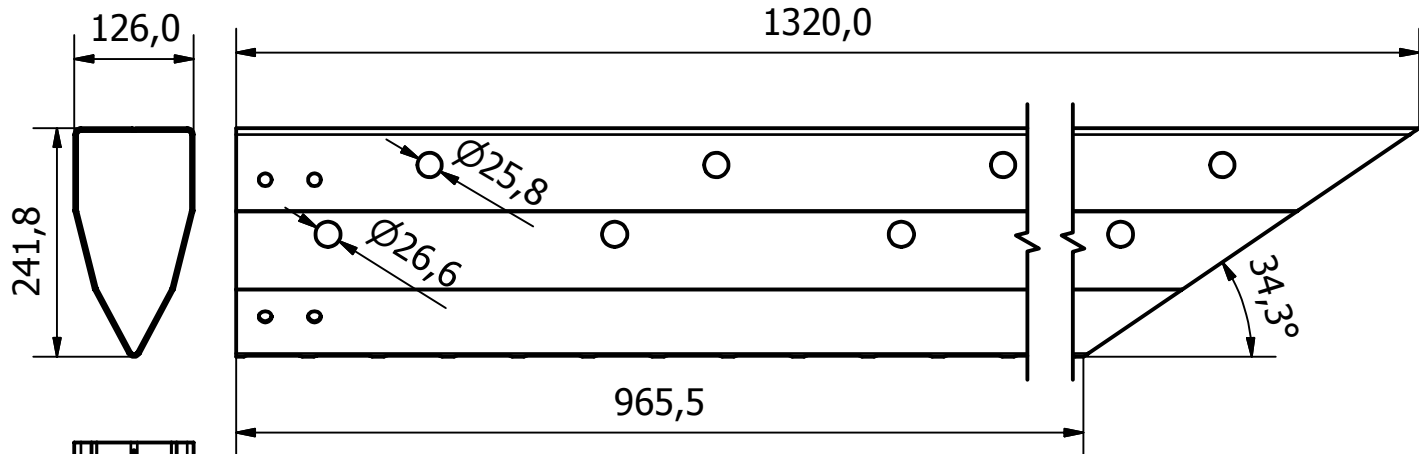




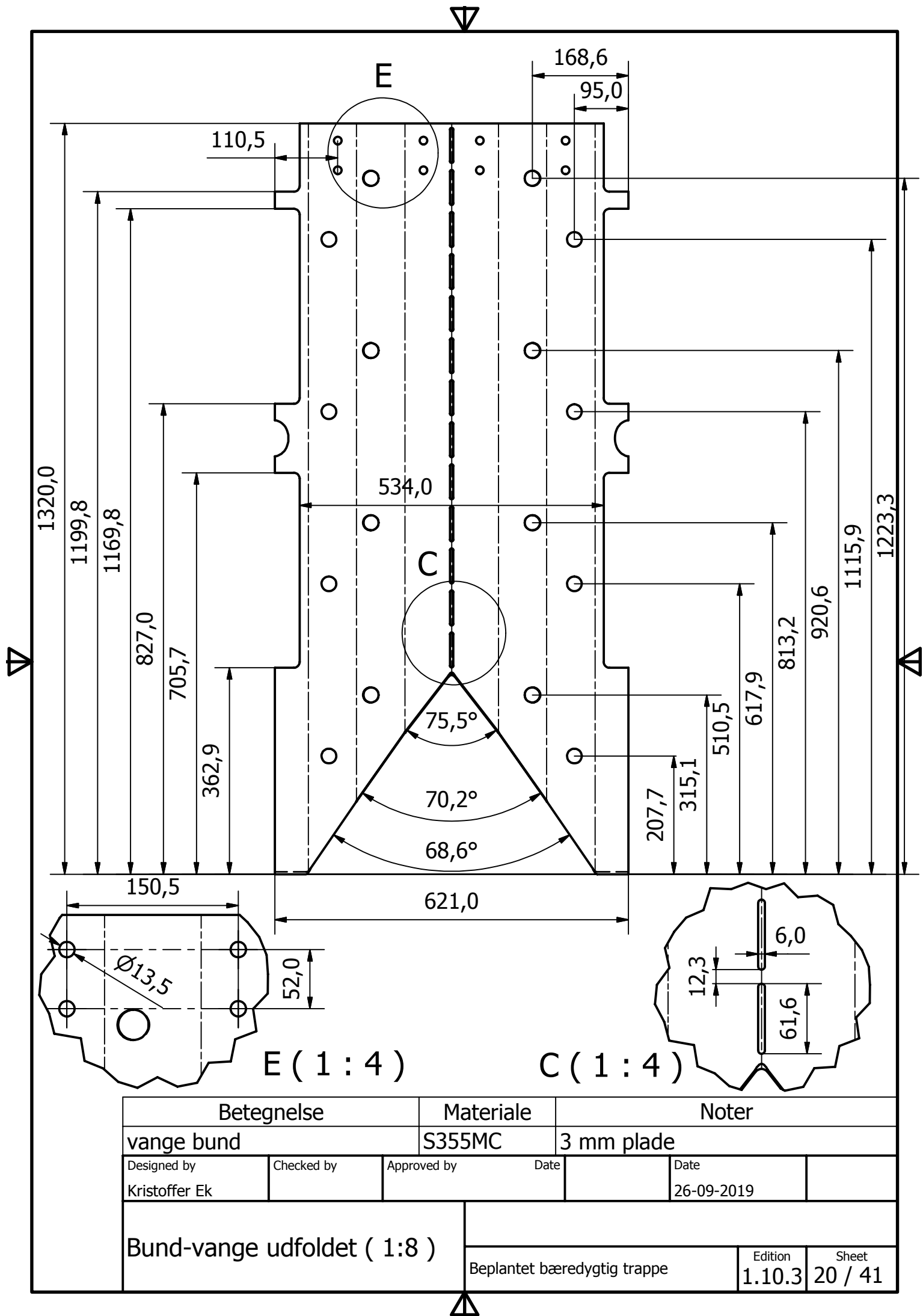
Betegnelse		Materiale		Noter	
vange top		S355MC		3 mm plade	
Designed by	Checked by	Approved by	Date	Date	
Kristoffer Ek				26-09-2019	
Top-vange udfoldet ( 1:8 )					
		Beplantet bæredygtig trappe		Edition	Sheet
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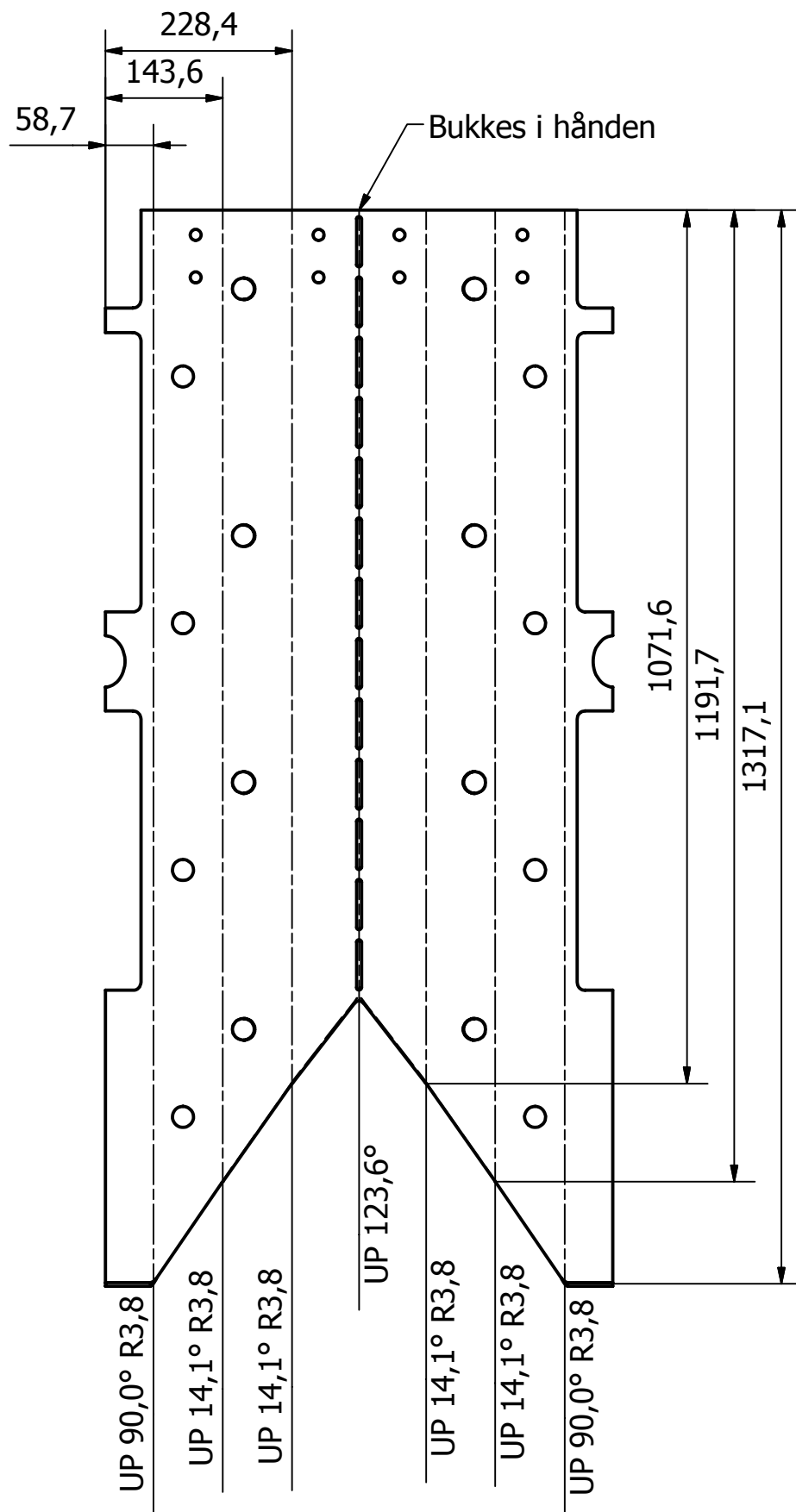
Betegnelse		Materiale		Noter	
vange top		S355MC		3 mm plade	
Designed by Kristoffer Ek	Checked by	Approved by		Date 26-09-2019	
Top-vange buk ( 1:8 )					
		Beplantet bæredygtig trappe		Edition 1.10.3	Sheet 18 / 41



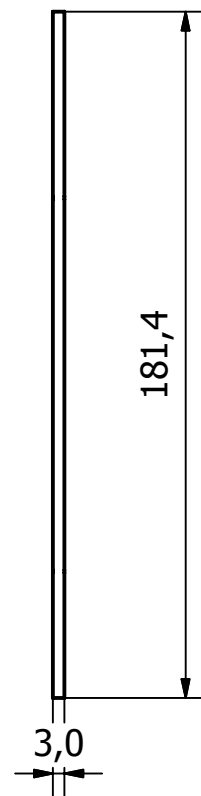
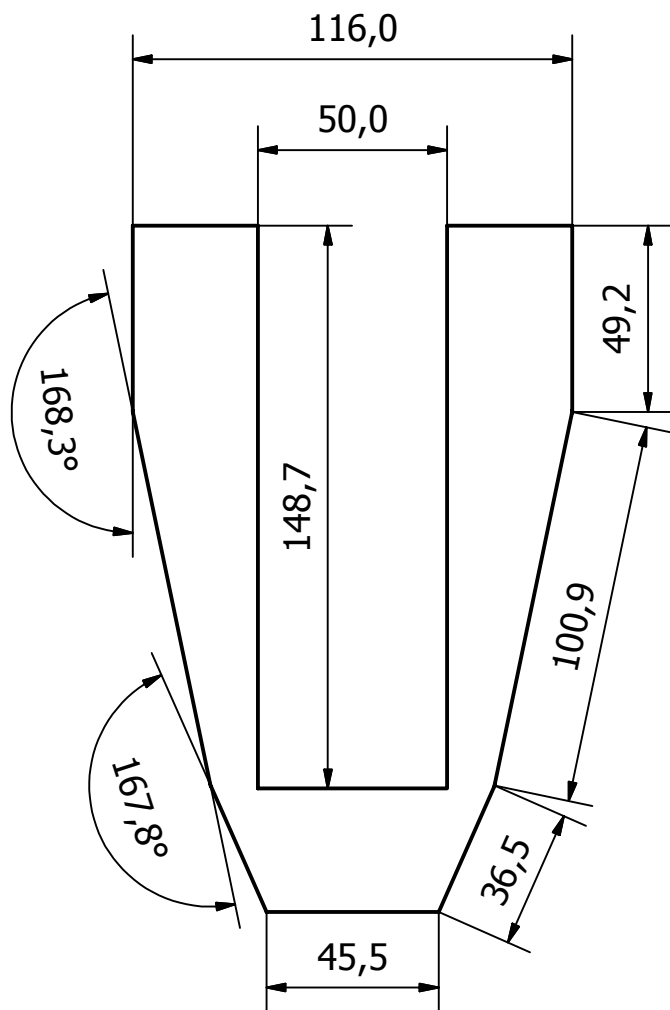
Betegnelse		Materiale		Noter	
vange bund		S355MC		3 mm plade	
Designed by	Checked by	Approved by		Date	
Kristoffer Ek				26-09-2019	
Bund-vange ( 1:8 )					
		Beplantet bæredygtig trappe		Edition	Sheet
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Betegnelse		Materiale		Noter	
vange bund		S355MC		3 mm plade	
Designed by	Checked by	Approved by		Date	
Kristoffer Ek				26-09-2019	
Bund-vange udfoldet ( 1:8 )					
		Beplantet bæredygtig trappe		Edition	Sheet
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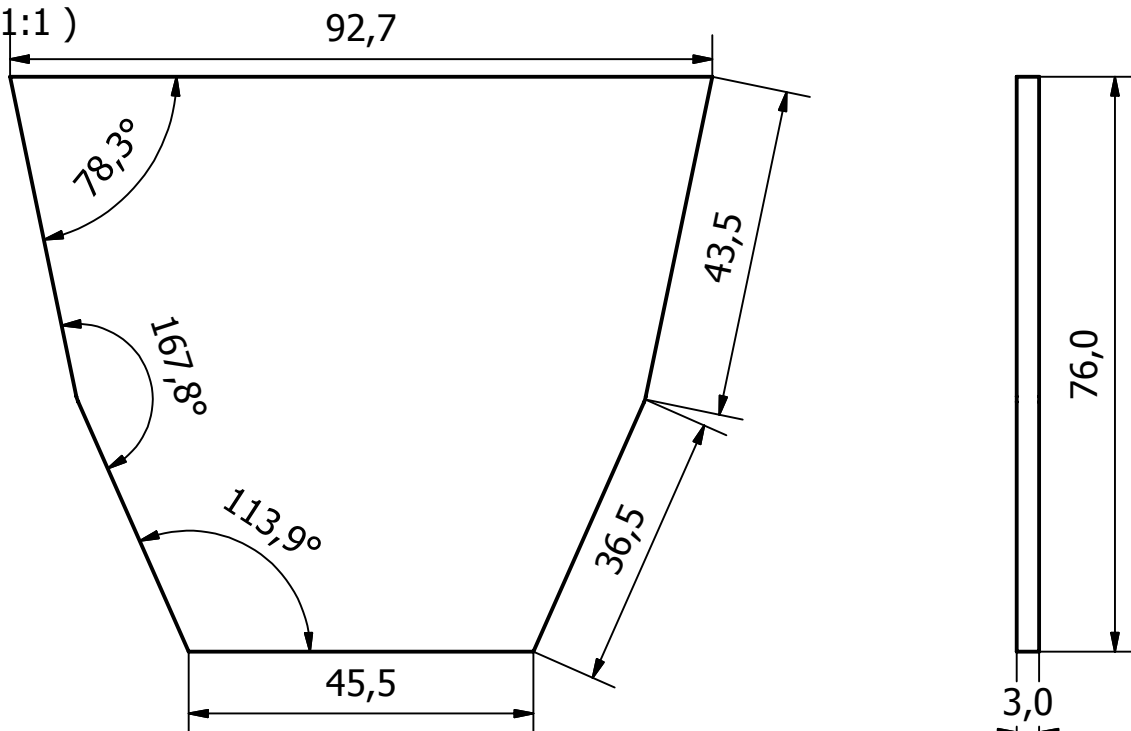
Betegnelse		Materiale		Noter	
vange bund		S355MC		3 mm plade	
Designed by	Checked by	Approved by	Date	Date	
Kristoffer Ek				26-09-2019	
Bund-vange buk ( 1:8 )					
		Beplantet bæredygtig trappe		Edition 1.10.3	Sheet 21 / 41



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 1.10.3	Sheet 22 / 41

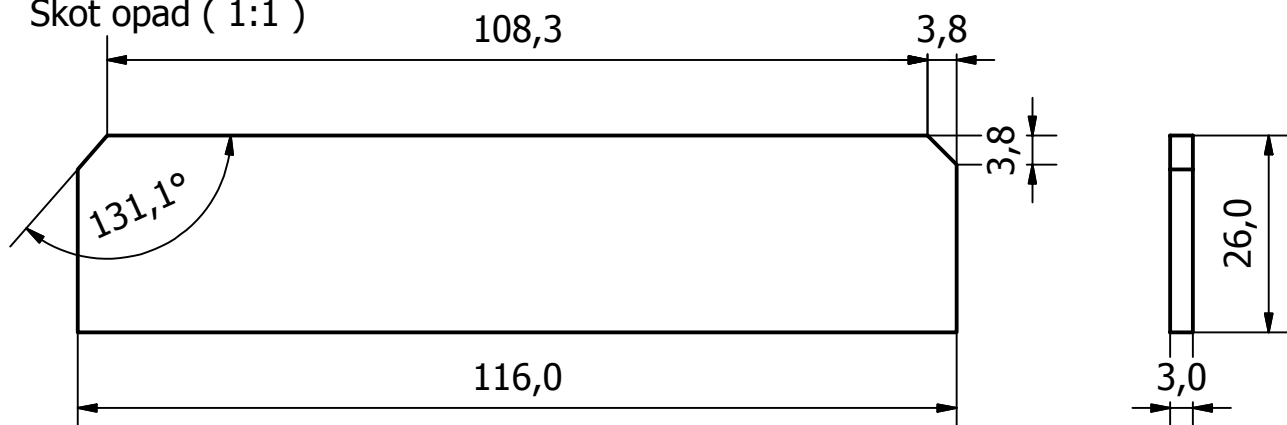


Skot ( 1:1 )



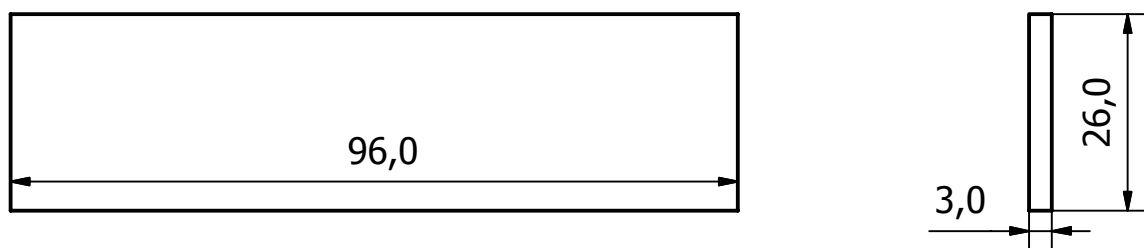
Betegnelse	Materiale	Noter
skot	S355MC	3 mm plade

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

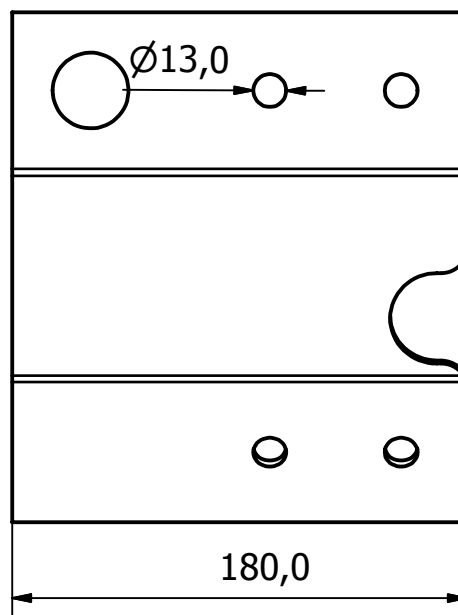
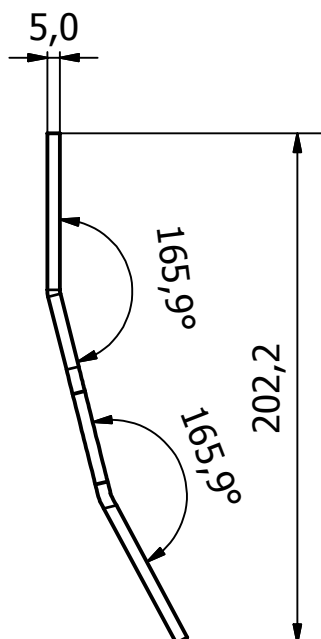
Beplantet bæredygtig trappe

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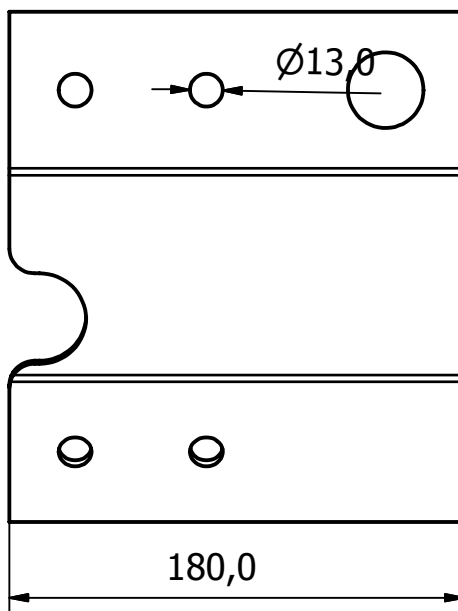
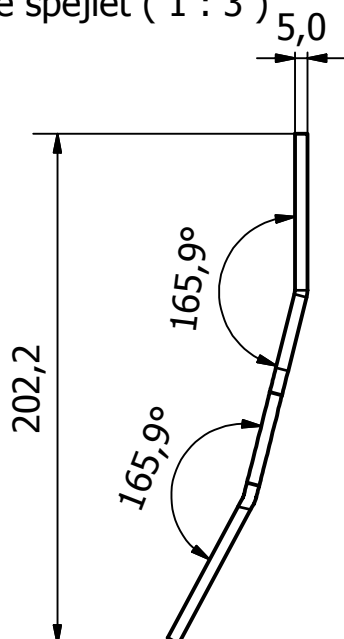


Laske ( 1 : 3 )



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

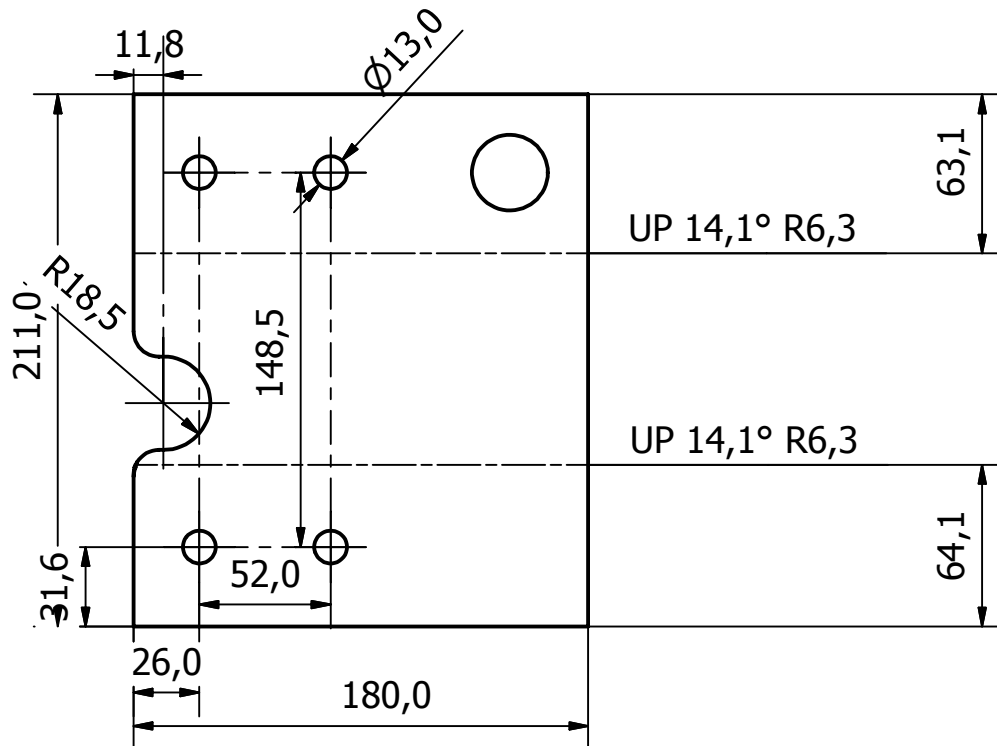
Beplantet bæredygtig trappe

Edition  
1.10.3

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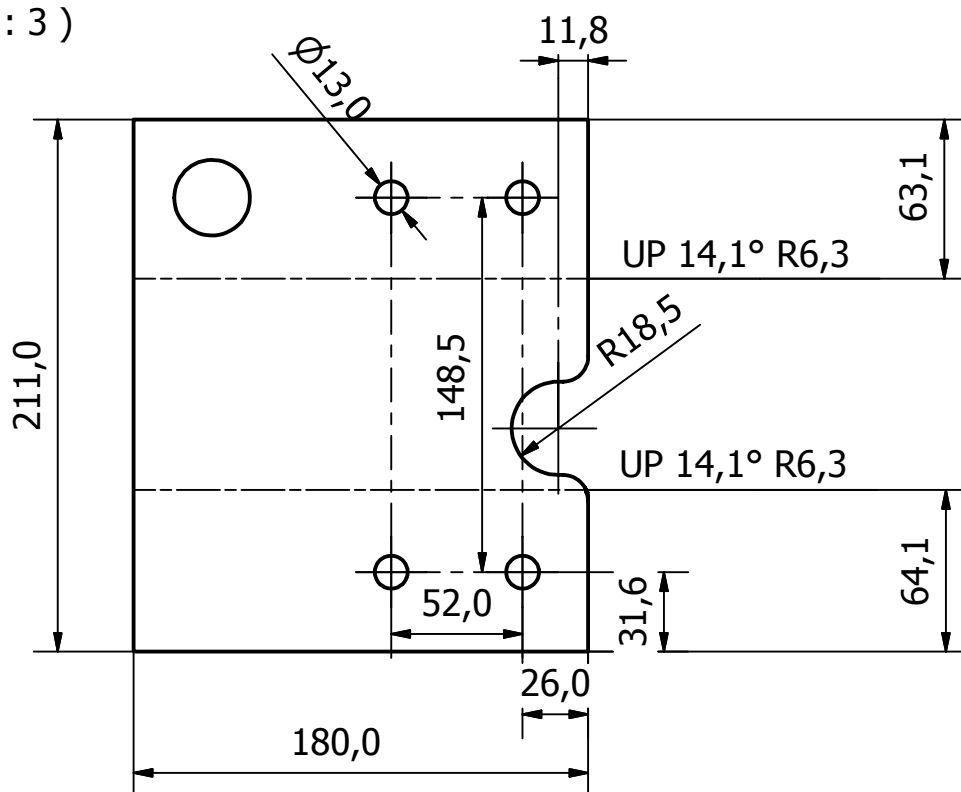


Laske ( 1 : 3 )



Betegnelse	Materiale	Noter
laske	S355MC	5 mm plade

Laske spejlet ( 1 : 3 )



Betegnelse	Materiale	Noter
laske spejlet	S355MC	5 mm plade

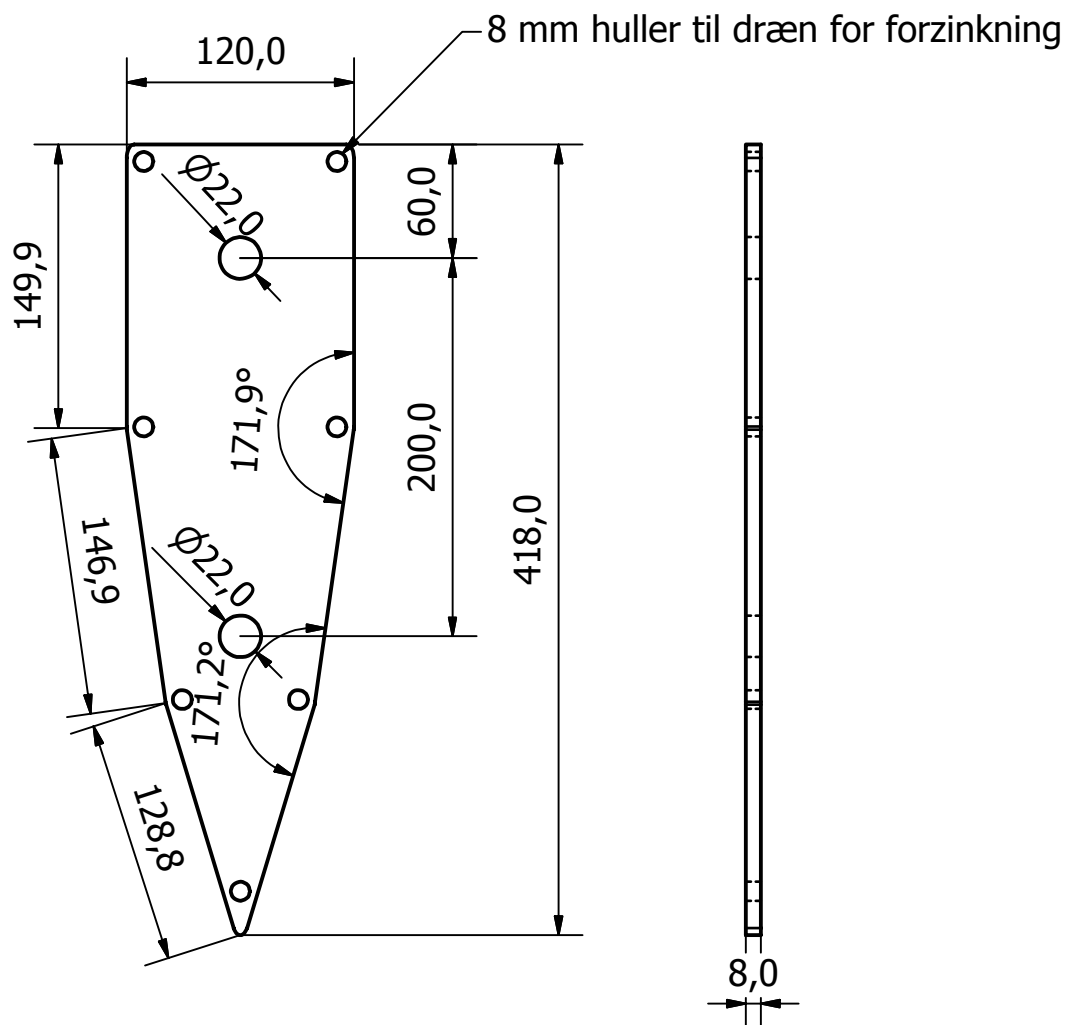
Designed by Kristoffer Ek	Checked by	Approved by	Date	Date	
				26-09-2019	

Lasker buk

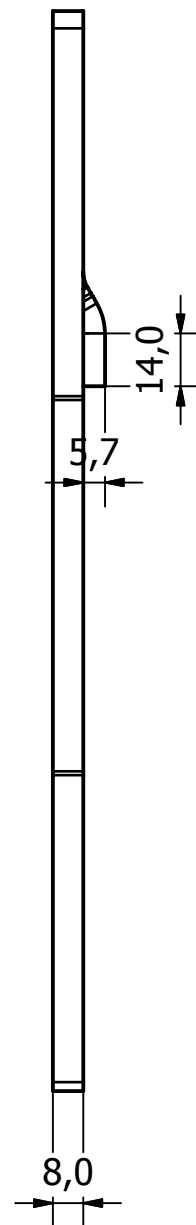
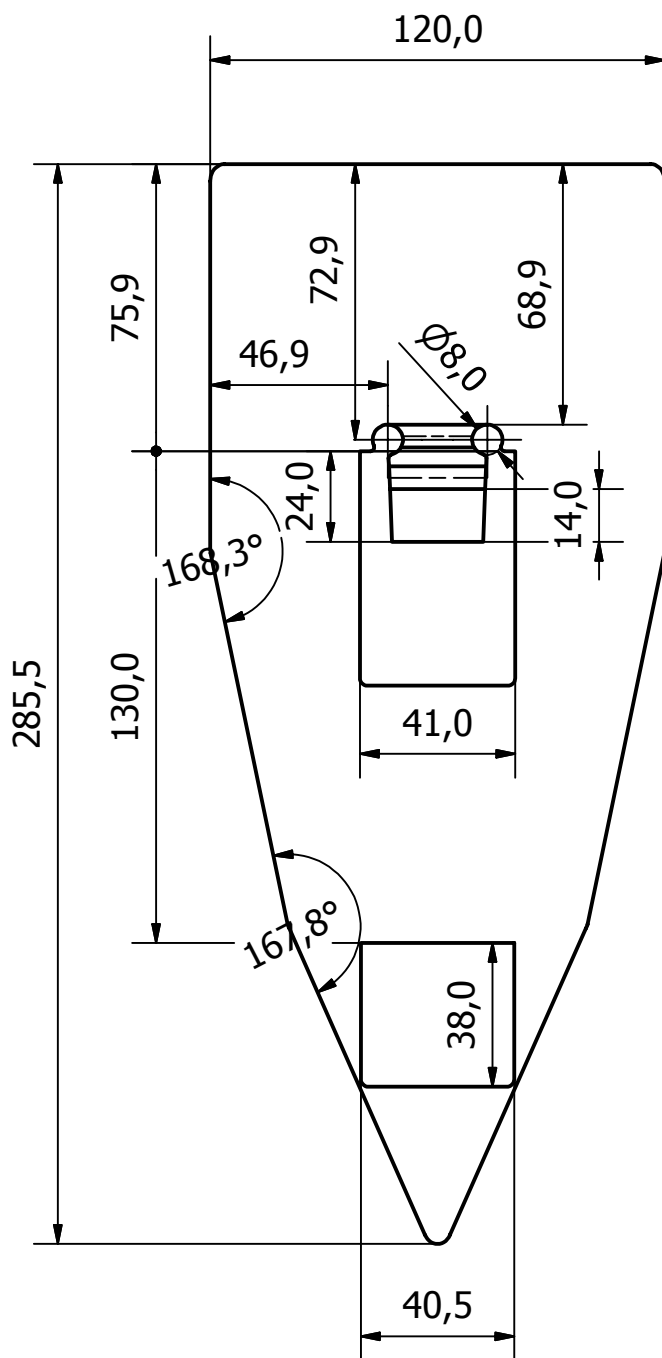
Beplantet bæredygtig trappe

Edition  
1.10.3

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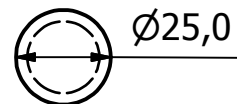
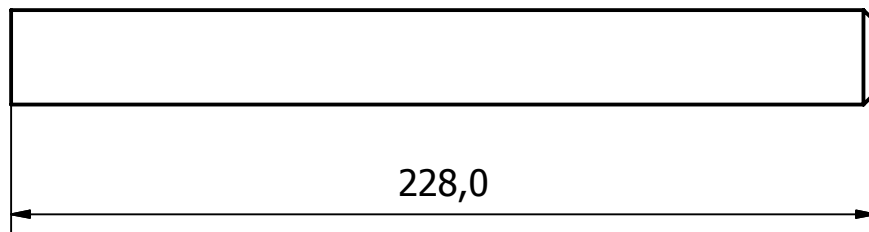


Betegnelse		Materiale		Noter	
bund vange-endeplade		S235JR		8 mm plade	
Designed by Kristoffer Ek	Checked by	Approved by		Date 26-09-2019	
Bund-vange-endeplade ( 1:4 )					
		Beplantet bæredygtig trappe		Edition 1.10.3	Sheet 26 / 41



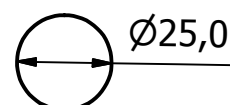
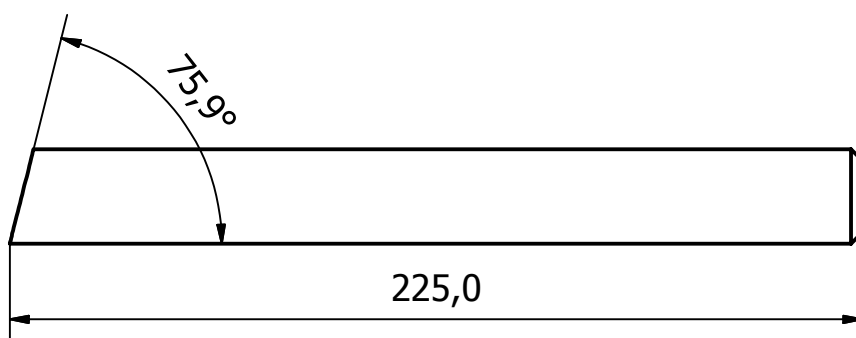
Betegnelse		Materiale		Noter	
top vange-endeplade		S235JR		8 mm plade	
Designed by	Checked by	Approved by		Date	
Kristoffer Ek				26-09-2019	
Top vange-endeplade ( 1:2 )					
		Beplantet bæredygtig trappe		Edition	Sheet
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# Trappestift ( 1:2 )



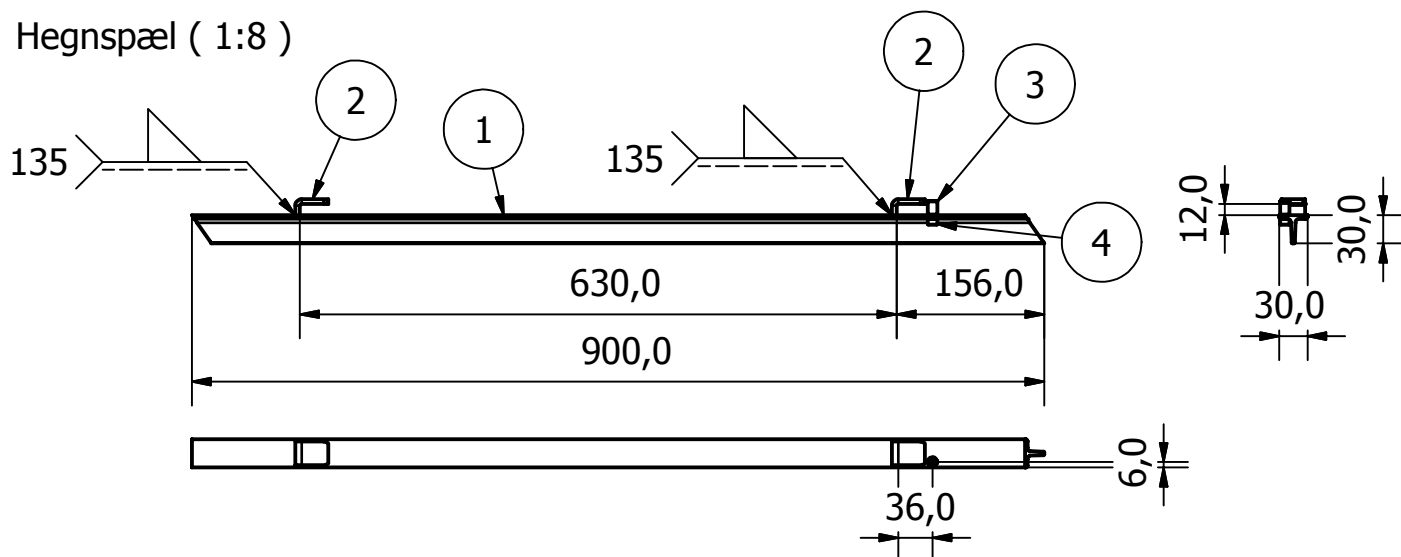
Betegnelse	Materiale	Noter
trappestift	S355J2	

# 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 1.10.3	Sheet 28 / 41

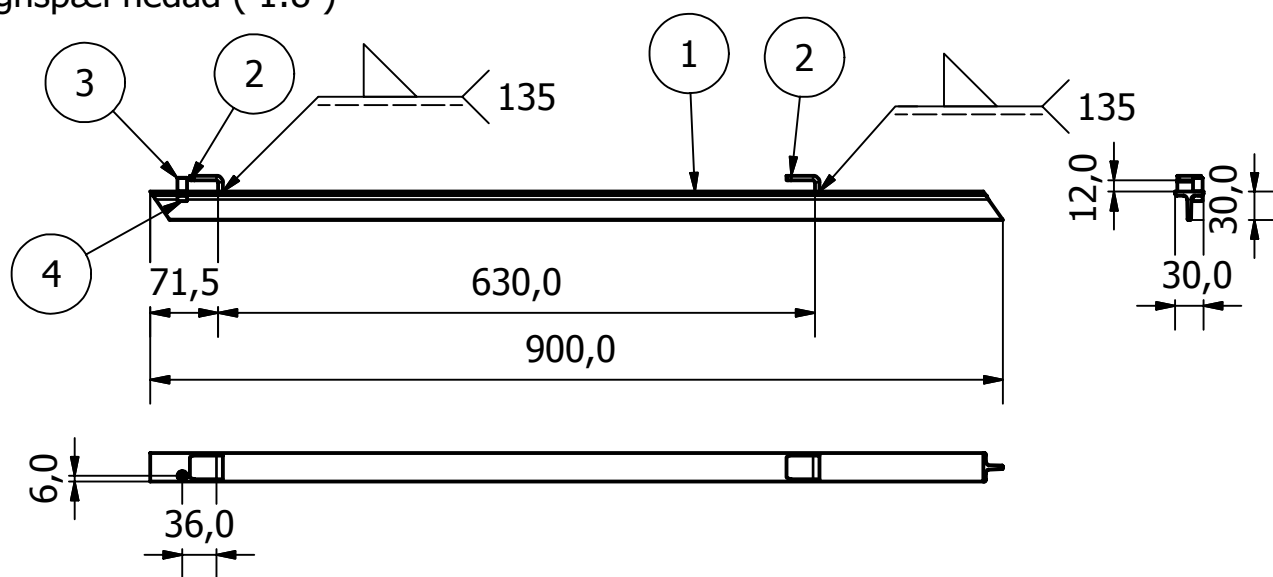
Hegnspæl ( 1:8 )



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	

Designed by  
Kristoffer Ek

Checked by

Approved by

Date

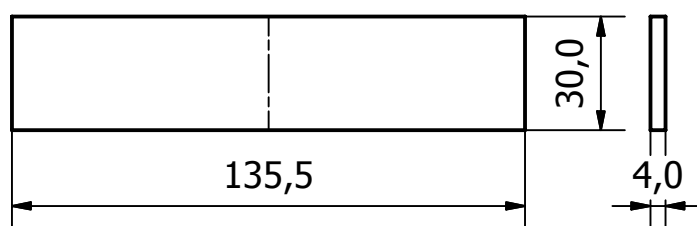
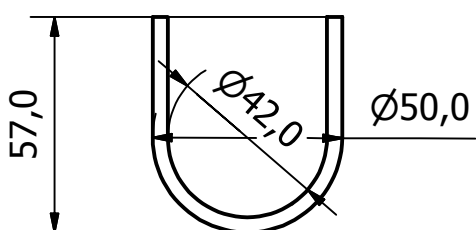
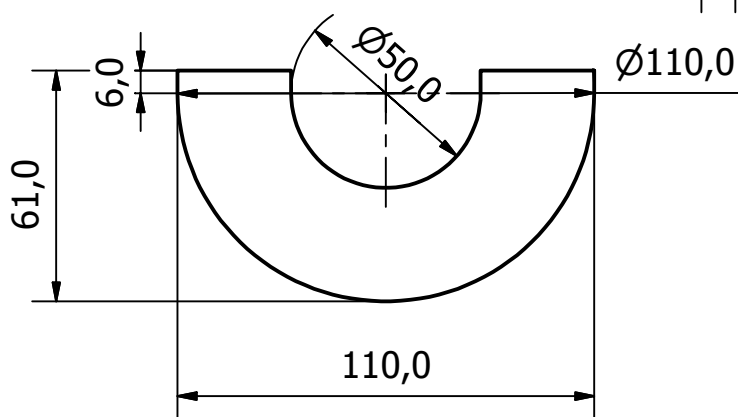
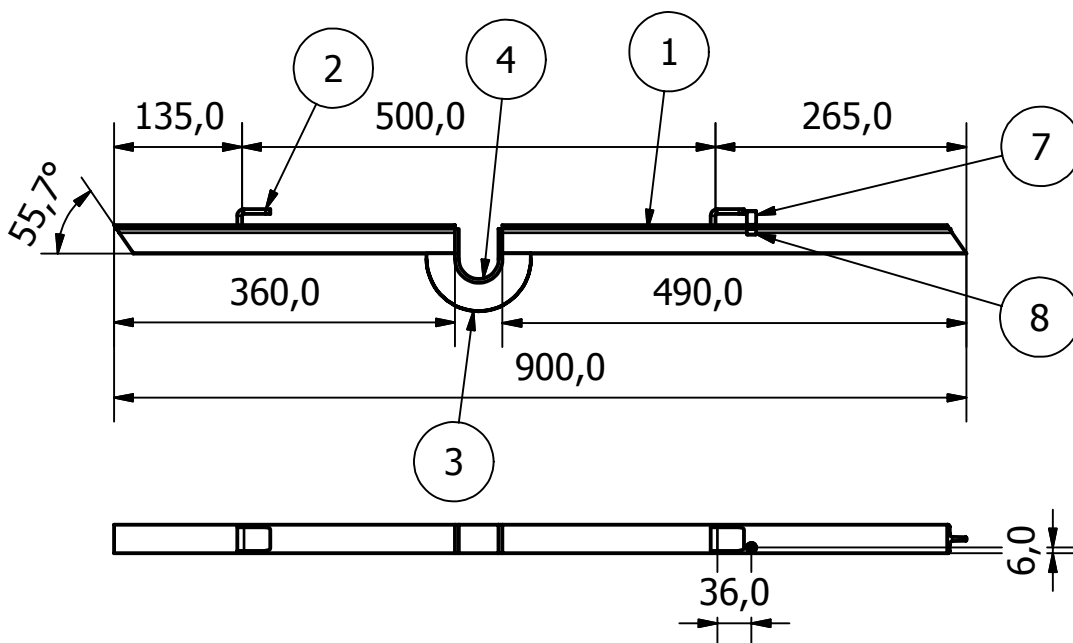
Date

26-09-2019

Bepantet bæredygtig trappe

Edition  
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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	

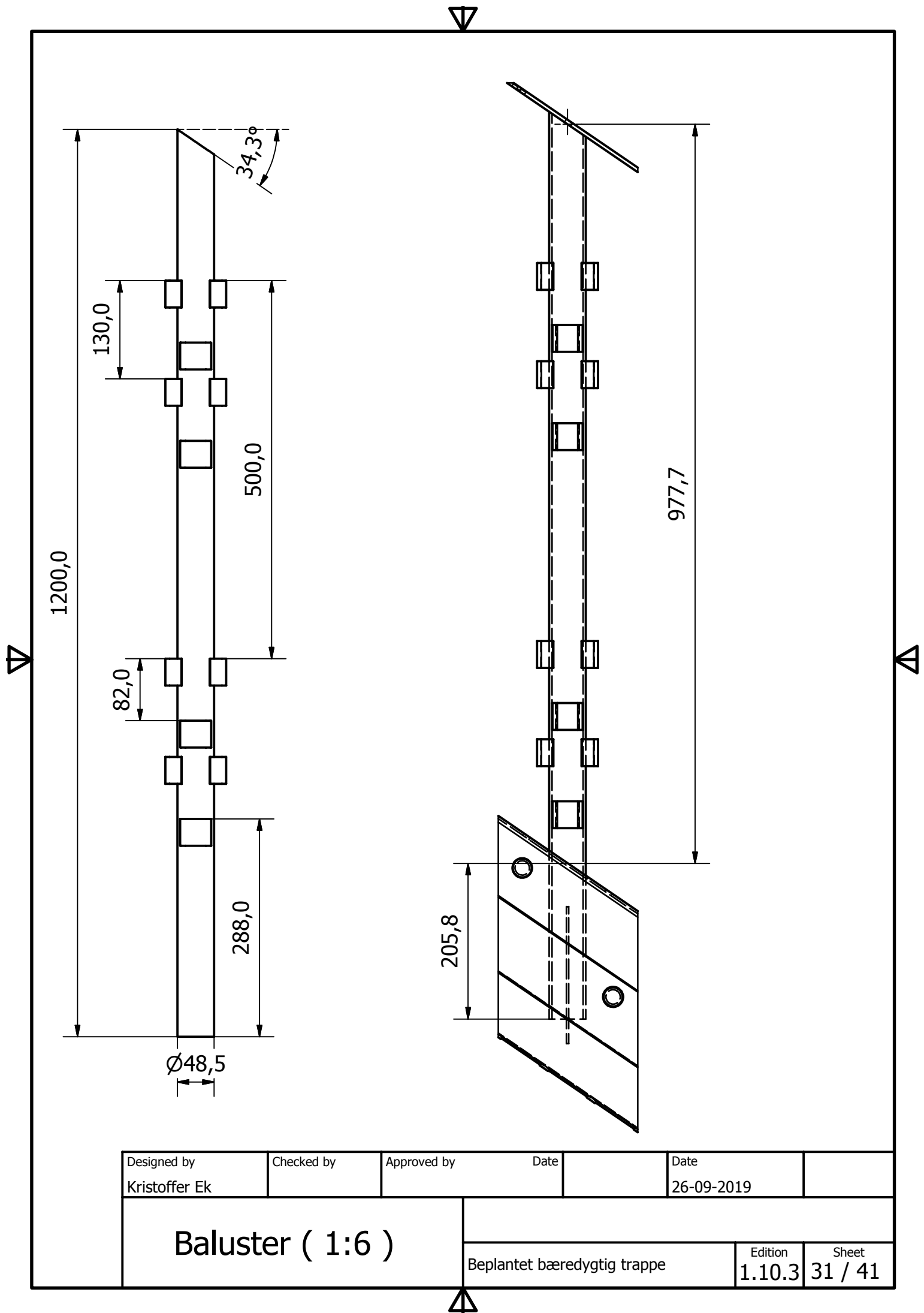
Designed by Kristoffer Ek	Checked by	Approved by	Date	Date 26-09-2019	
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Hegnspæl platform ( 1:8 )

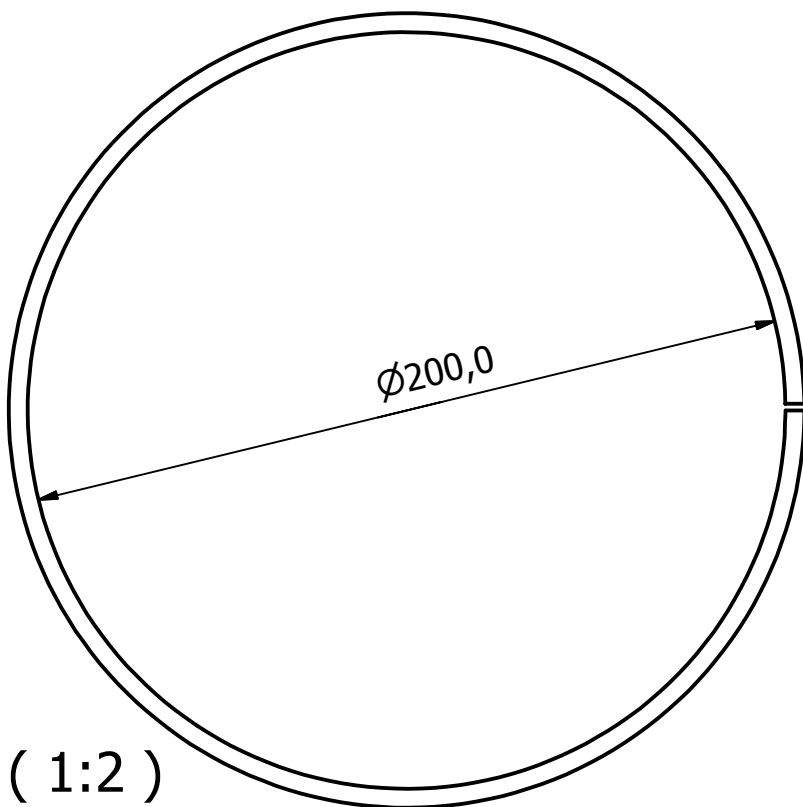
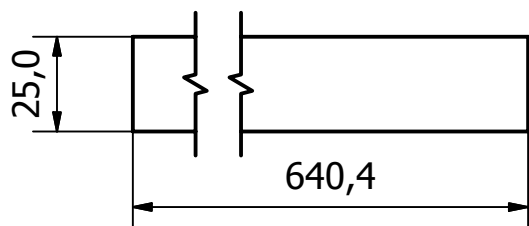
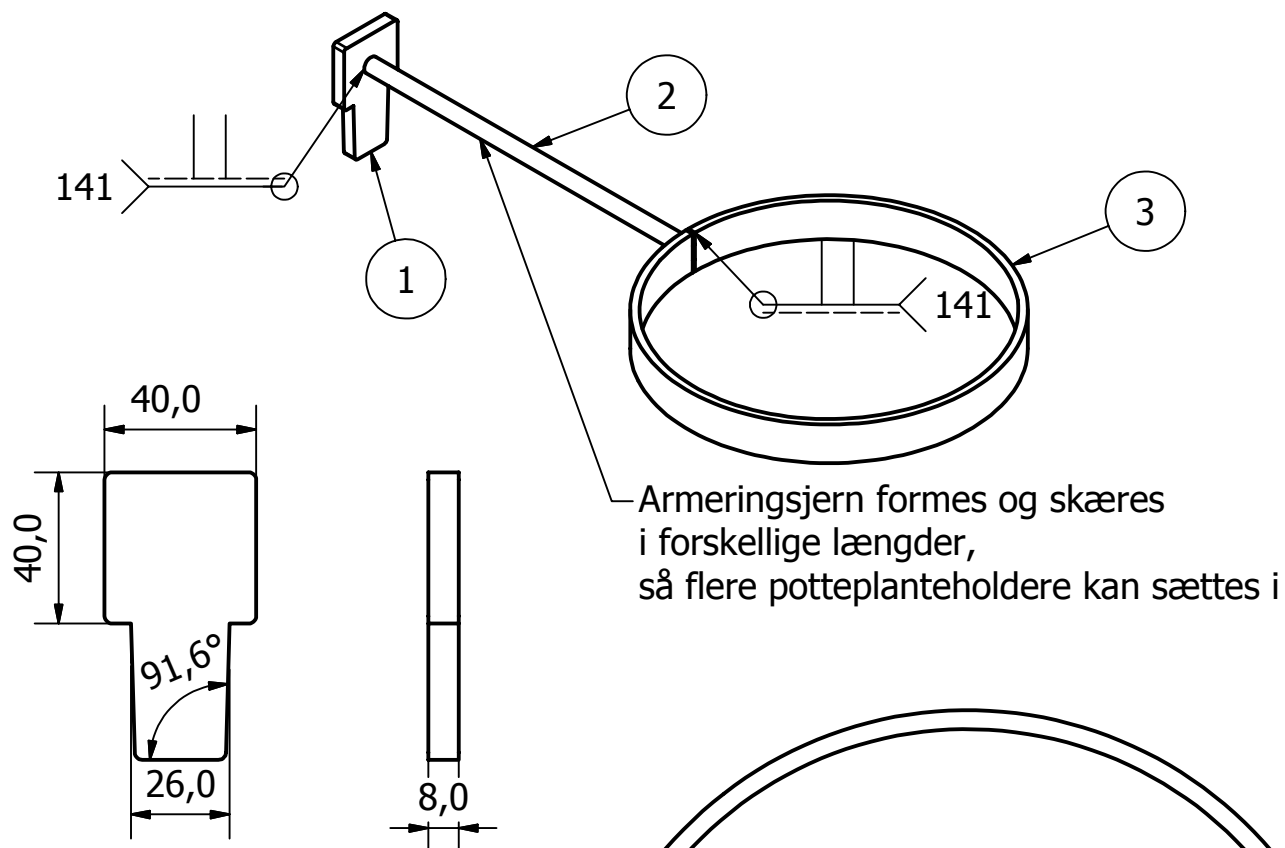
Beplantet bæredygtig trappe

Edition  
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Baluster ( 1:6 )			Beplantet bæredygtig trappe		
			Edition 1.10.3	Sheet 31 / 41	



### 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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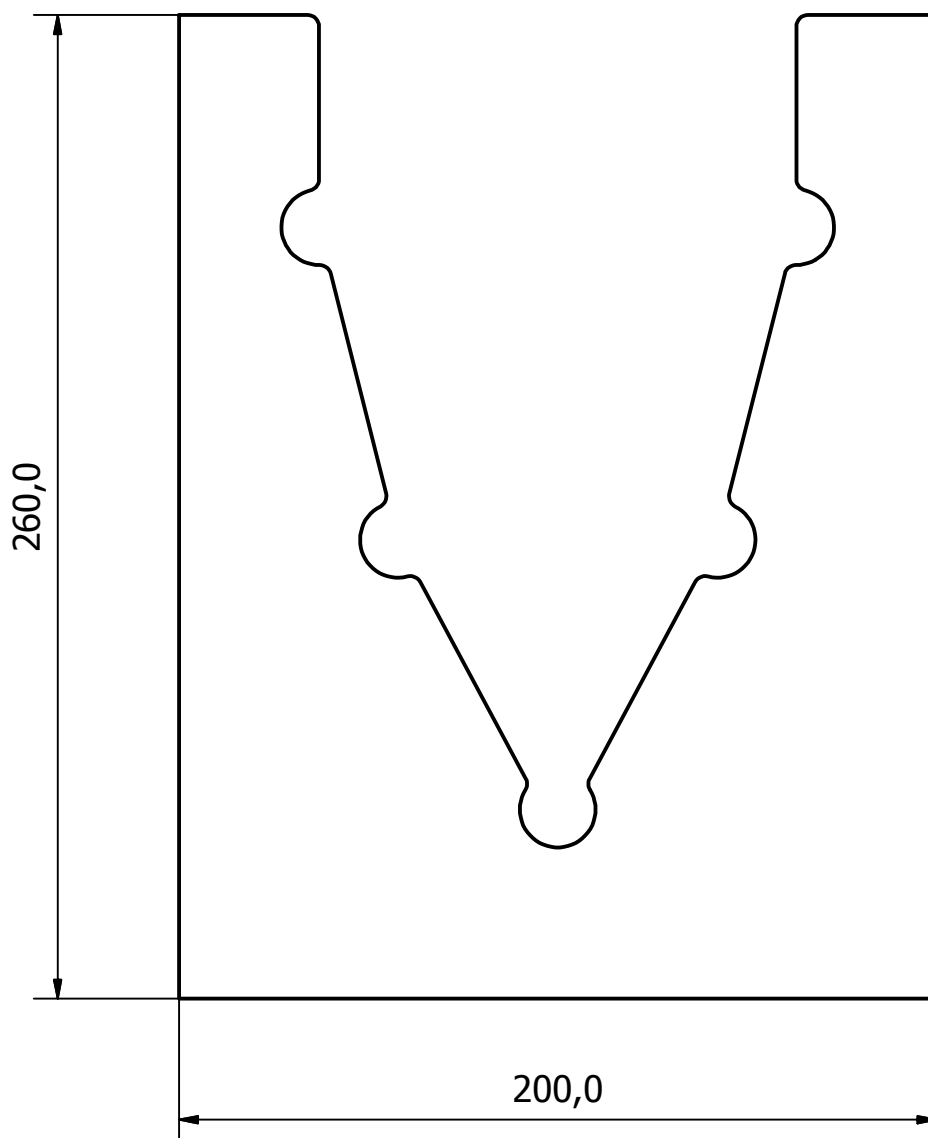
Potteplanteholder ( 1 : 4 )

Beplantet bæredygtig trappe

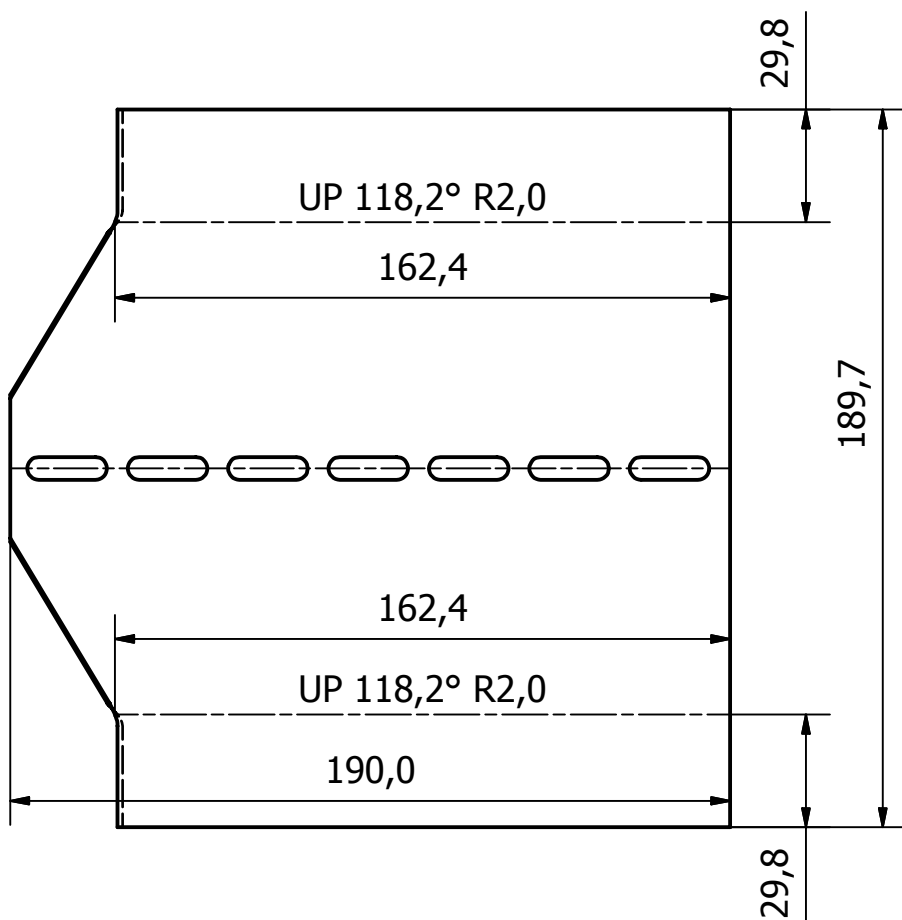
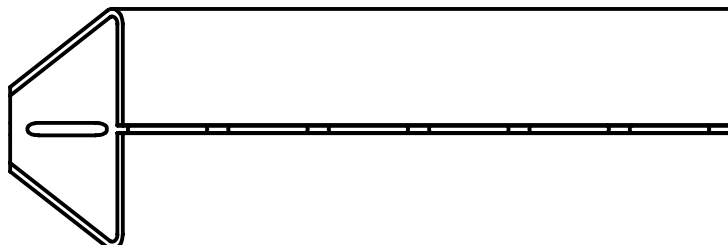
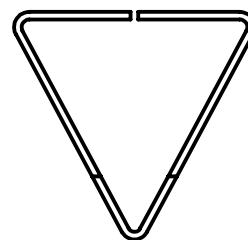
Edition  
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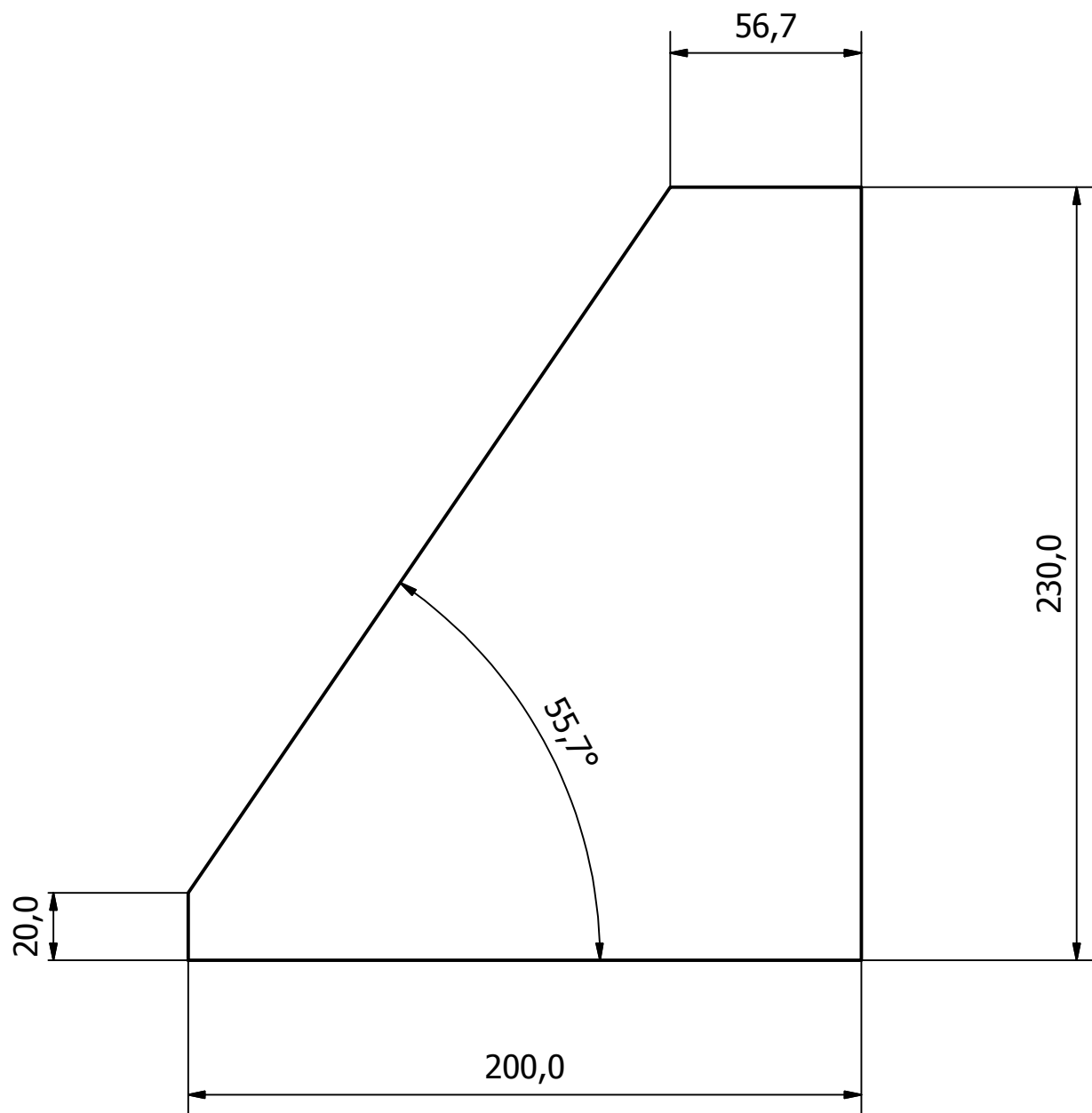




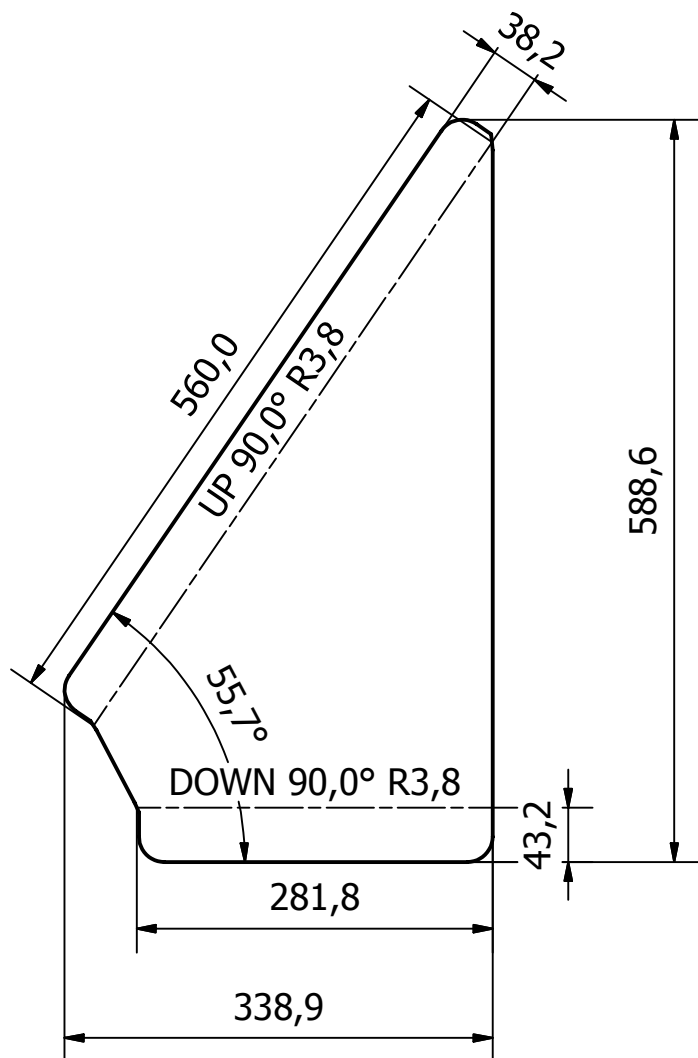
Betegnelse		Materiale		Noter	
svejselære 1		Generic		3 mm plade	
Designed by Kristoffer Ek	Checked by	Approved by		Date	
				26-09-2019	
Svejselære 1 ( 1 : 2 )					
		Beplantet bæredygtig trappe		Edition 1.10.3	Sheet 33 / 41



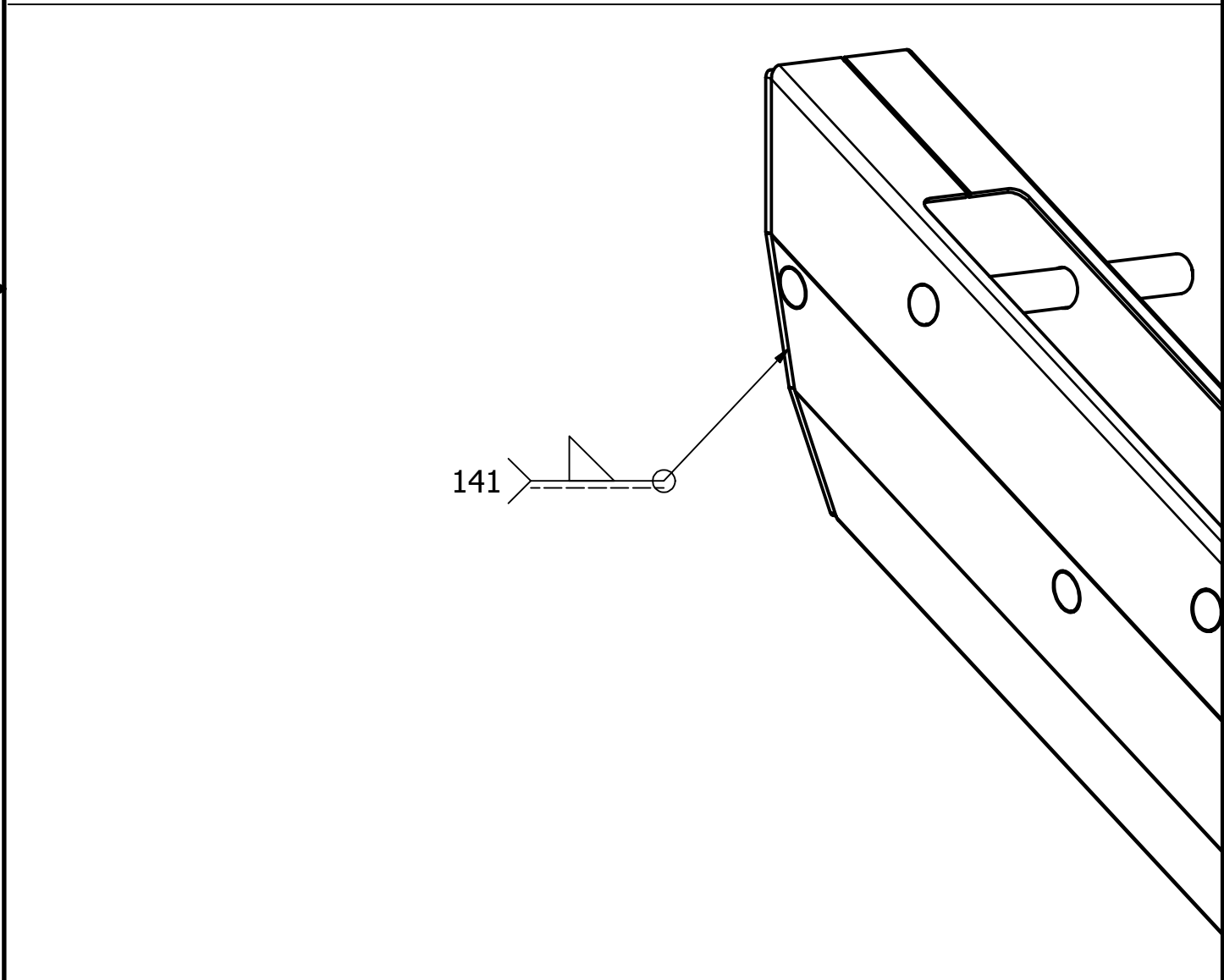
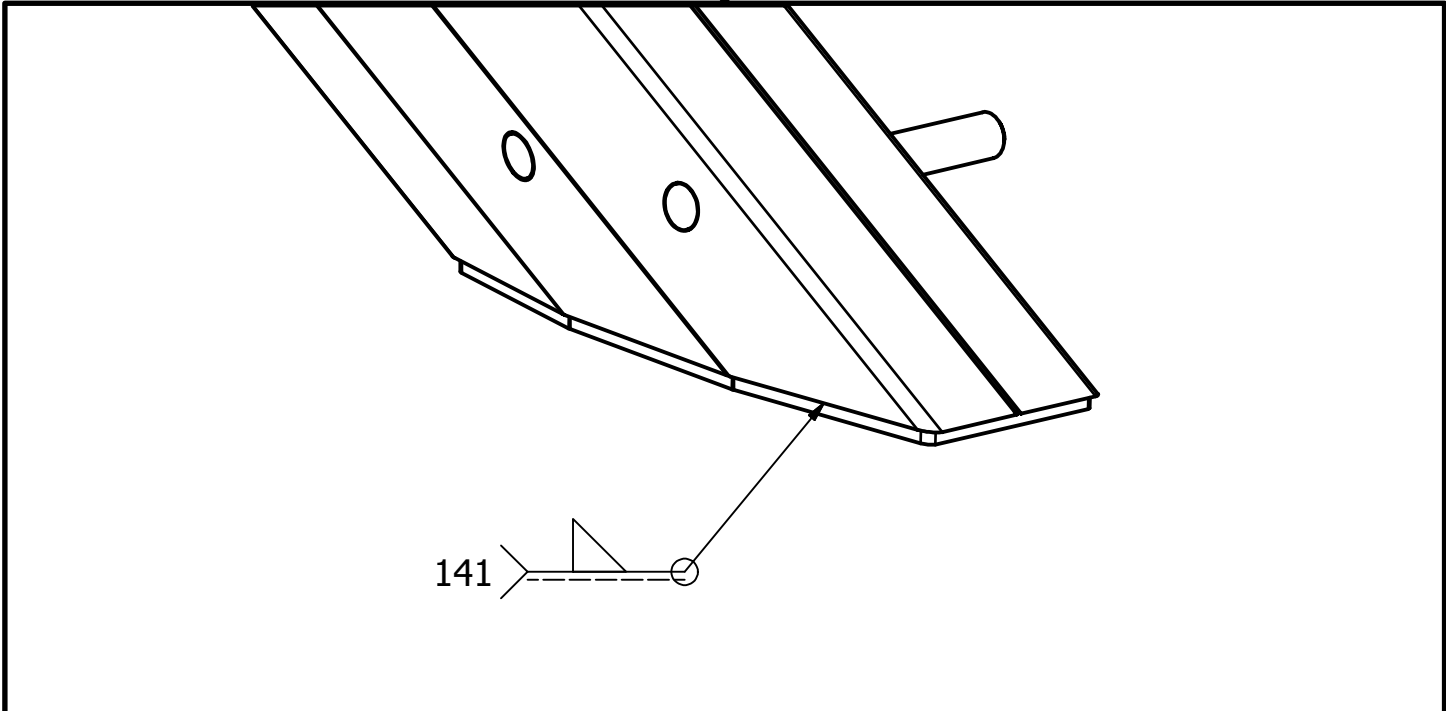
Betegnelse		Materiale		Noter	
svejselære 2 del 1		Generic			
Designed by	Checked by	Approved by	Date	Date	
Kristoffer Ek				26-09-2019	
Svejselære 2 ( 1 : 2 )					
		Beplantet bæredygtig trappe		Edition 1.10.3	Sheet 34 / 41



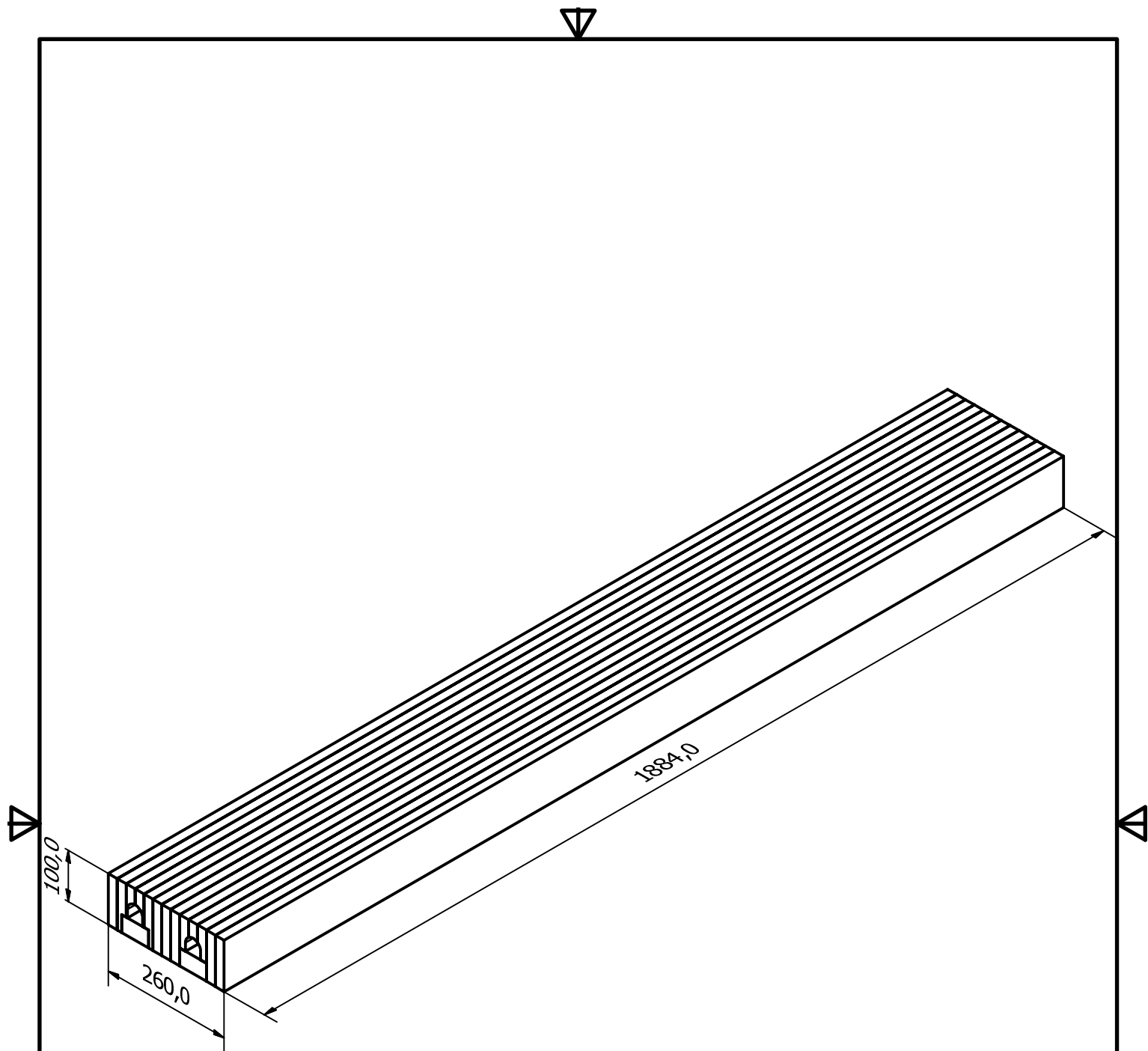
Betegnelse		Materiale		Noter	
svejselære 2 del 2		Generic		2 mm	
Designed by Kristoffer Ek	Checked by	Approved by		Date 26-09-2019	
Svejselære 2 ( 1 : 2 )					
		Beplantet bæredygtig trappe		Edition 1.10.3	Sheet 35 / 41



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 1.10.3	Sheet 36 / 41



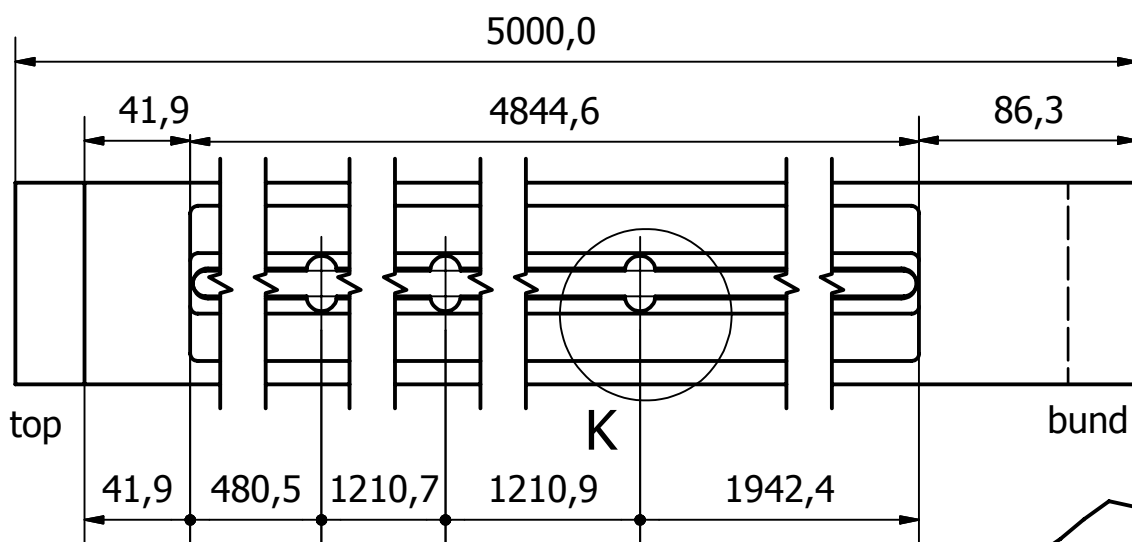
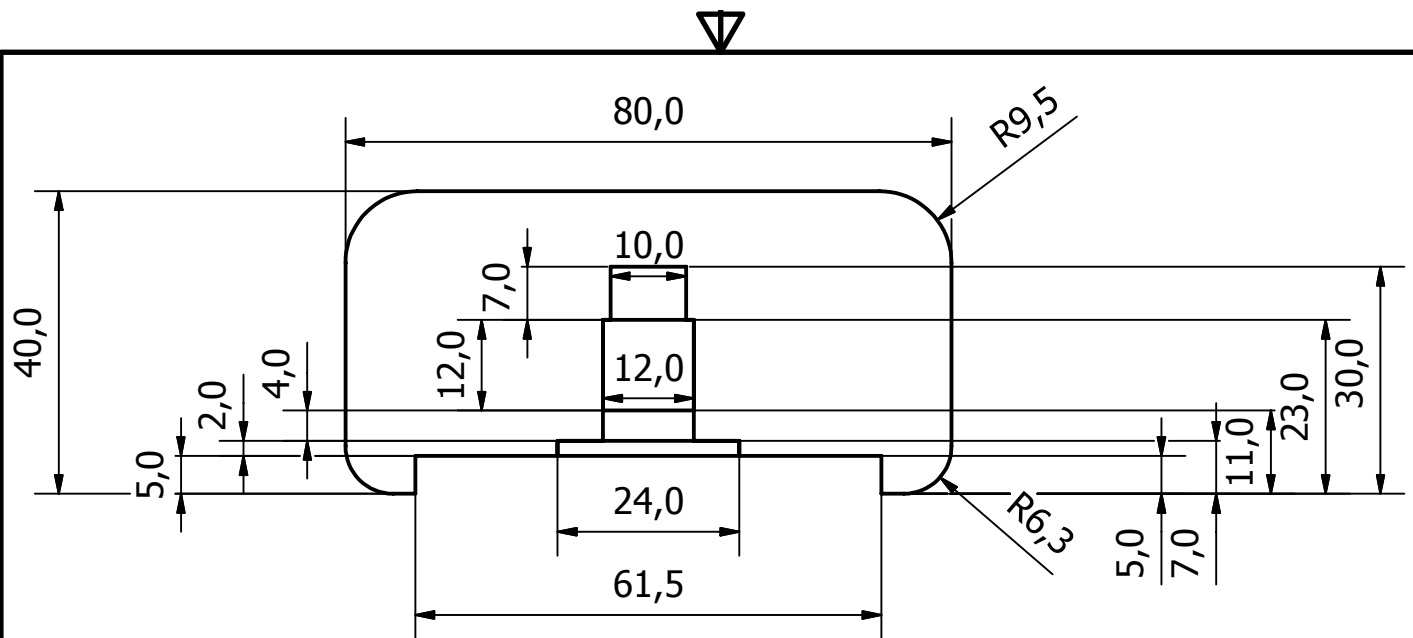
Designed by Kristoffer Ek	Checked by	Approved by	Date		Date	26-09-2019	
Svejsning af vange-endeplade ( 1:4 )							
			Beplantet bæredygtig trappe		Edition 1.10.3	Sheet 37 / 41	



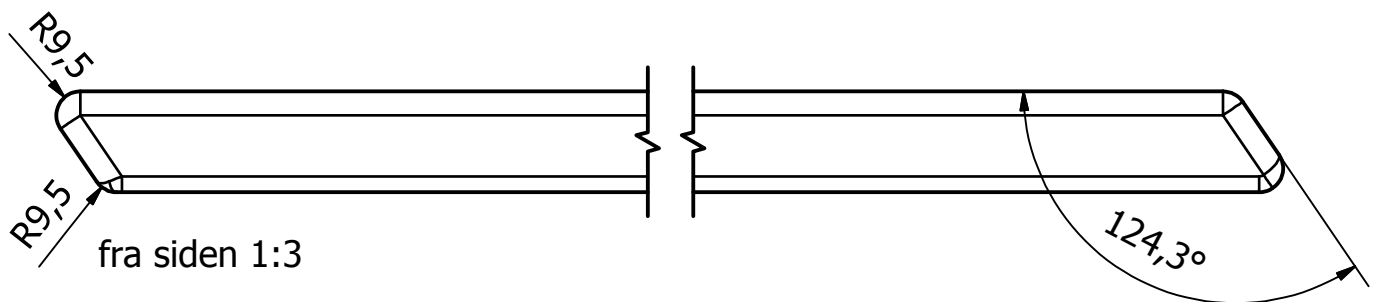
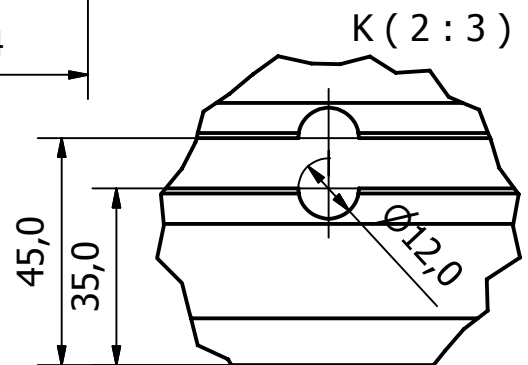
Se side 39 for detaljer af profil

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Trin ( 1 : 9 )							
			Beplantet bæredygtig trappe		Edition 1.10.3	Sheet 38 / 41	

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Trin Længde er 1884 mm					
			Beplantet bæredygtig trappe	Edition 1.10.3	Sheet 39 / 41



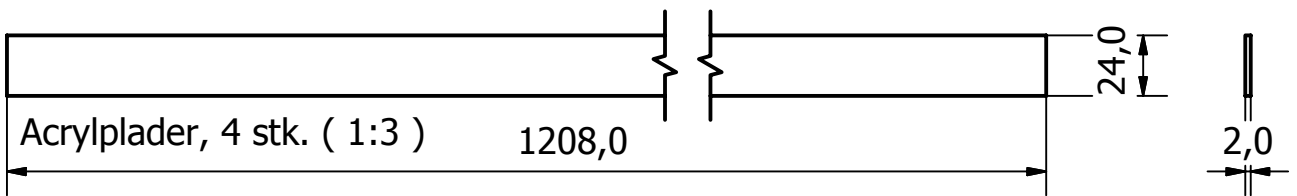
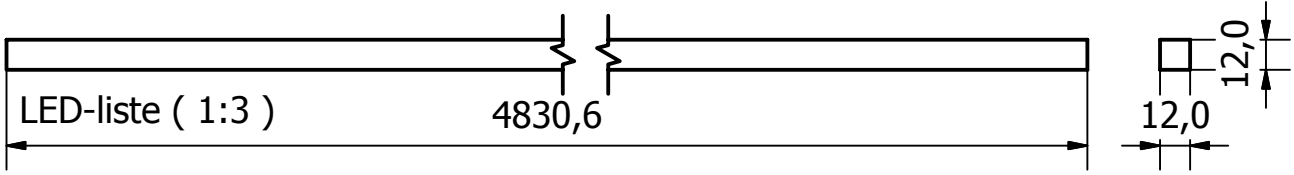
nedefra 1:3



fra siden 1:3

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				26-09-2019	
Træhåndfang ( 1:1 )			Beplantet bæredygtig trappe		
			Edition 1.10.3	Sheet 40 / 41	





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				Beplantet bæredygtig trappe		Edition 1.10.3	Sheet 41 / 41