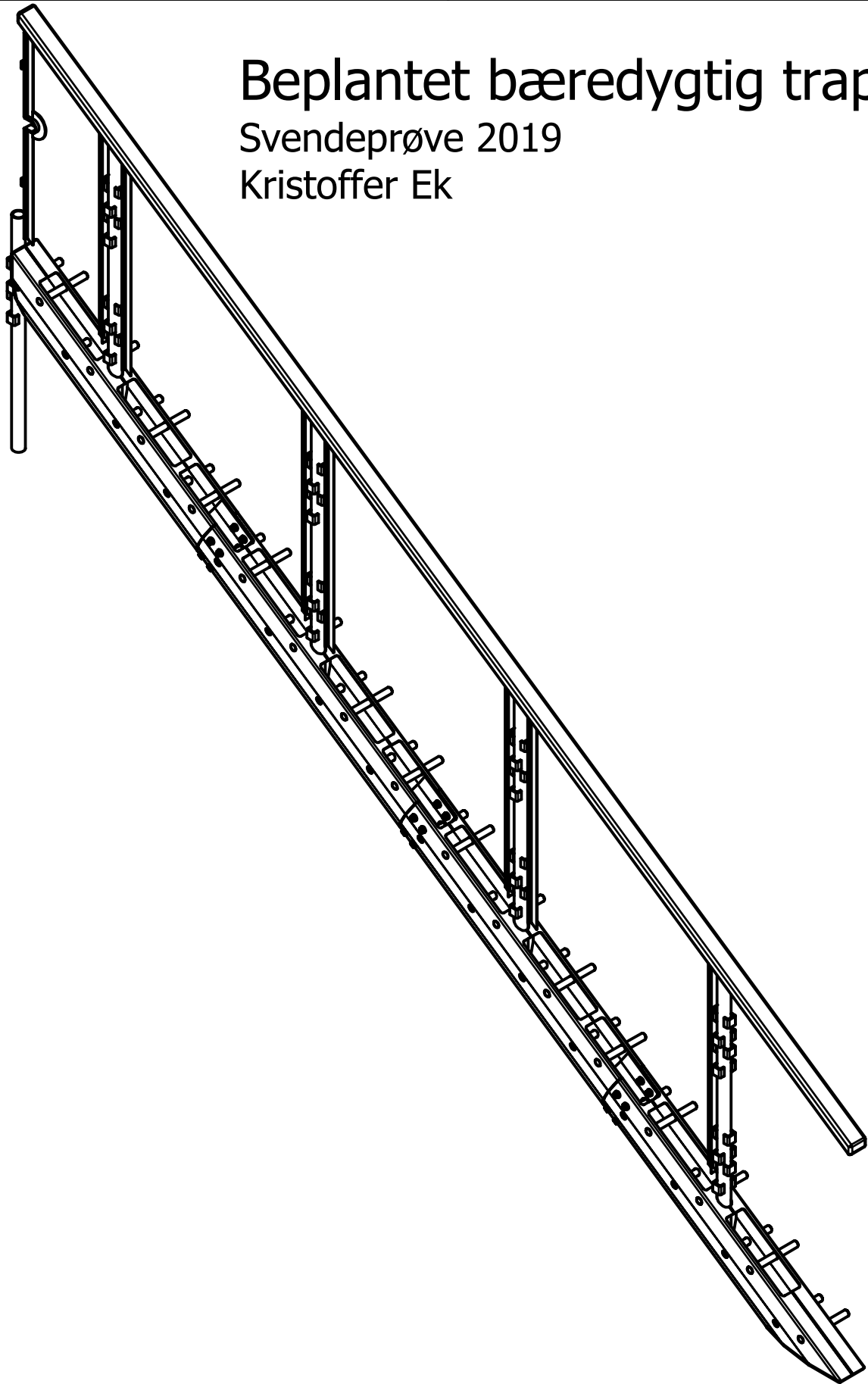


# Beplantet bæredygtig trappe

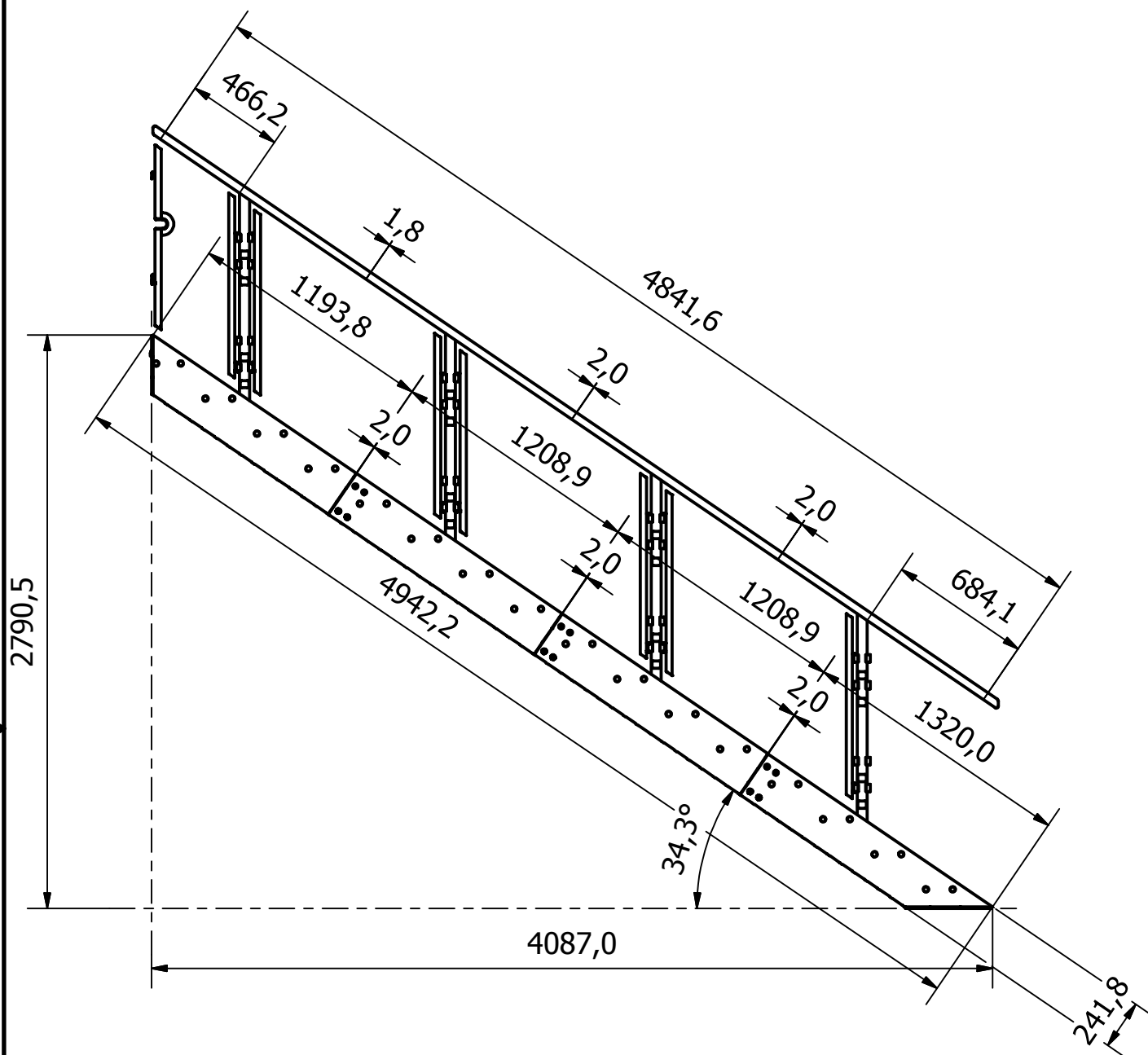
Svendeprøve 2019

Kristoffer Ek

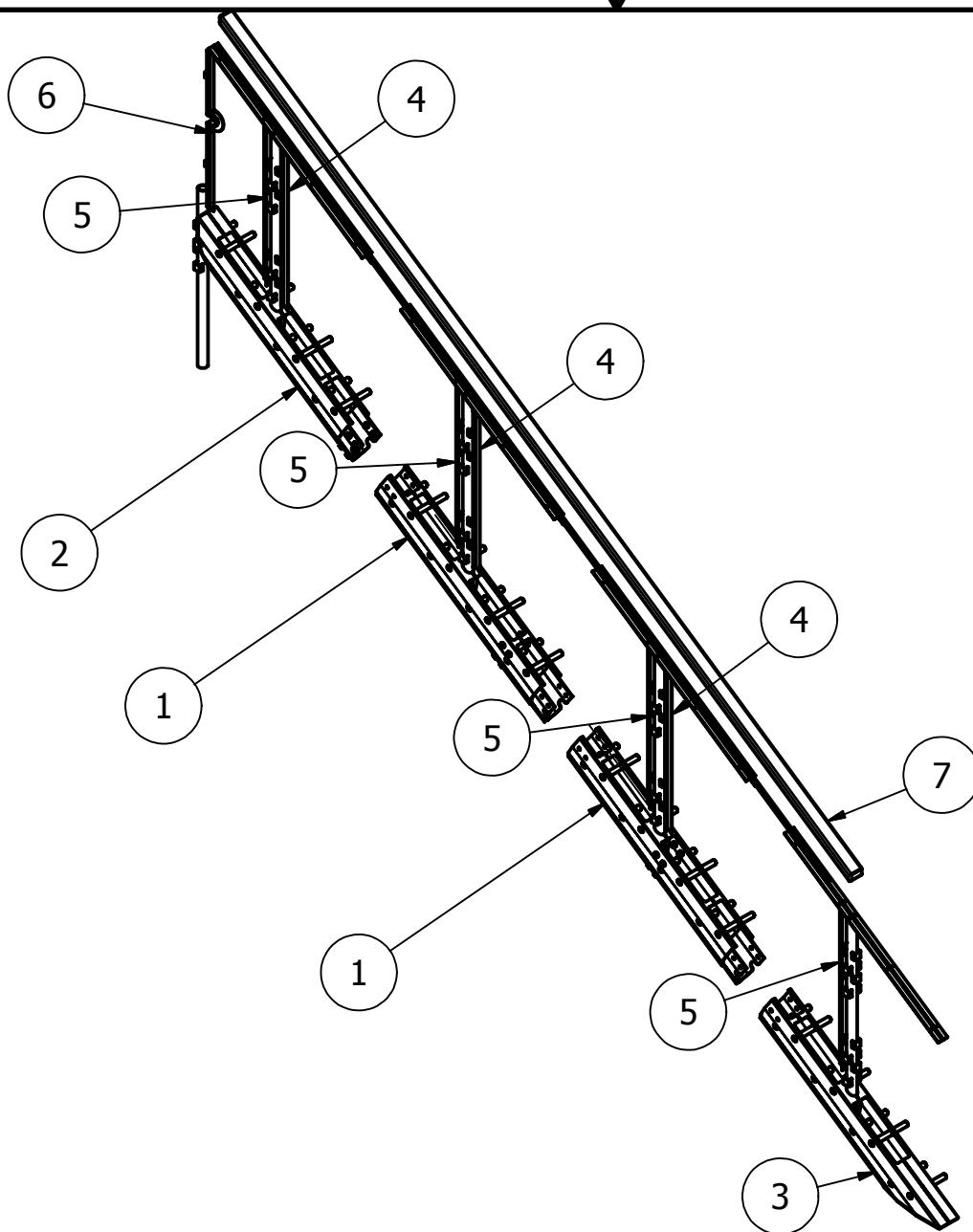


Designed by Kristoffer Ek	Checked by	Approved by	Date	Date 26-09-2019	
			Beplantet bæredygtig trappe	Edition 1.10.1	Sheet 1 / 40

Overordnede mål ( 1:30 )



Designed by Kristoffer Ek	Checked by	Approved by	Date	Date	
				26-09-2019	
			Bepantet bæredygtig trappe	Edition 1.10.1	Sheet 2 / 40



# 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  
Kristoffer Ek

Checked by

Approved by

Date

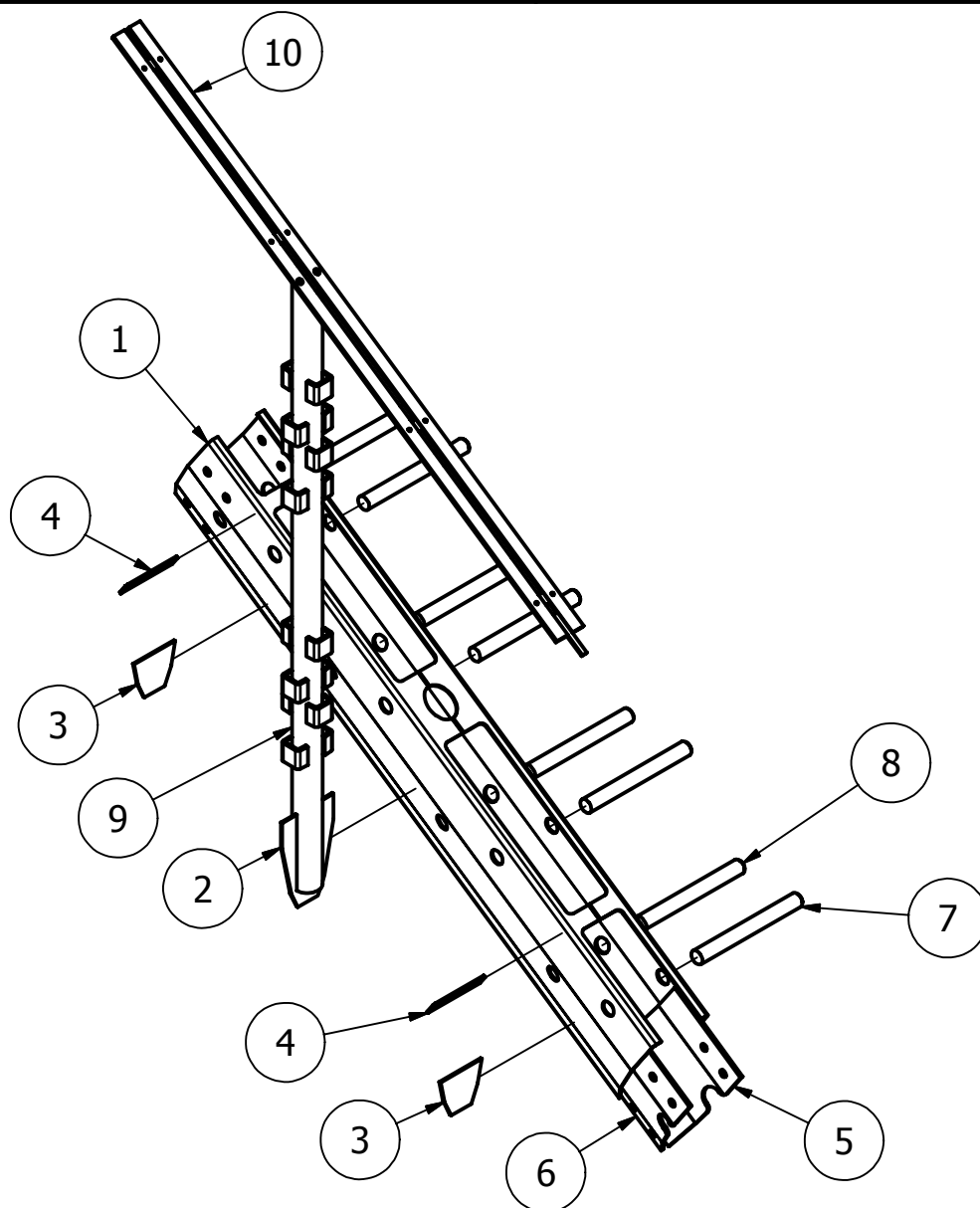
Date

26-09-2019

Bepantet bæredygtig trappe

Edition  
1.10.1

Sheet  
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### 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

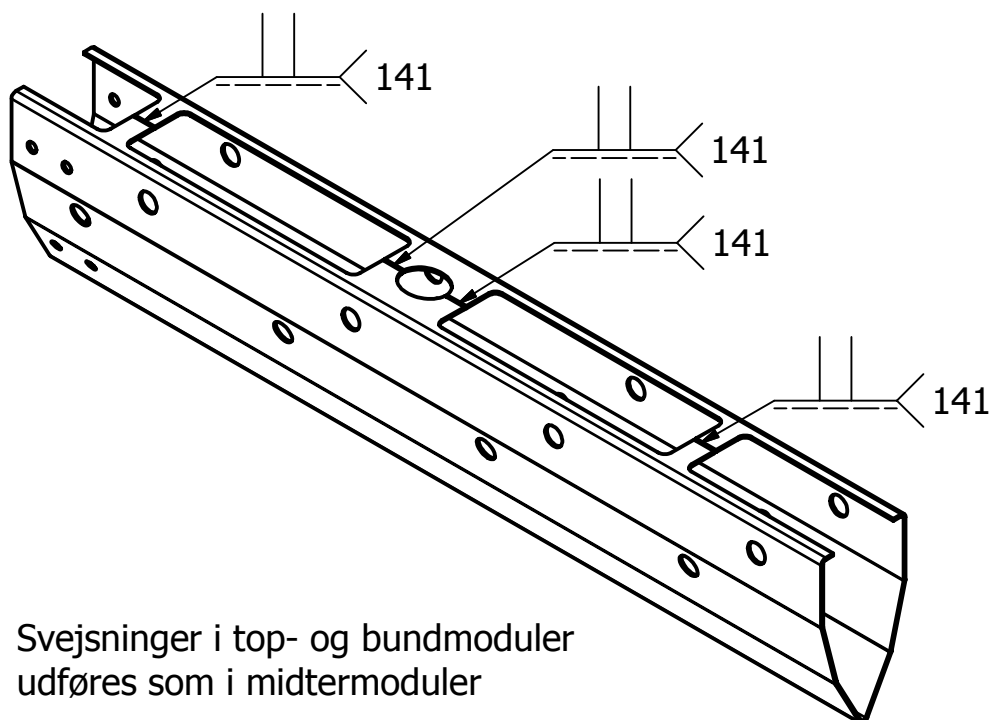
26-09-2019

Modul

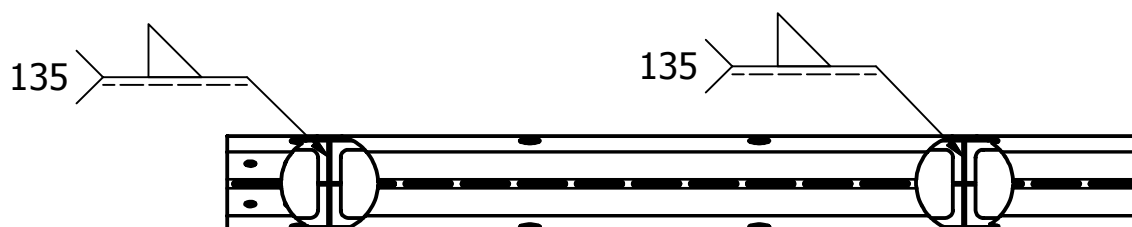
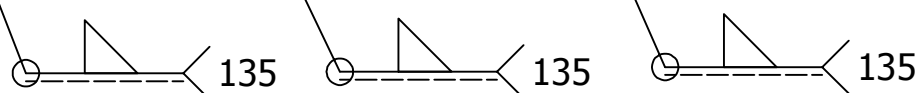
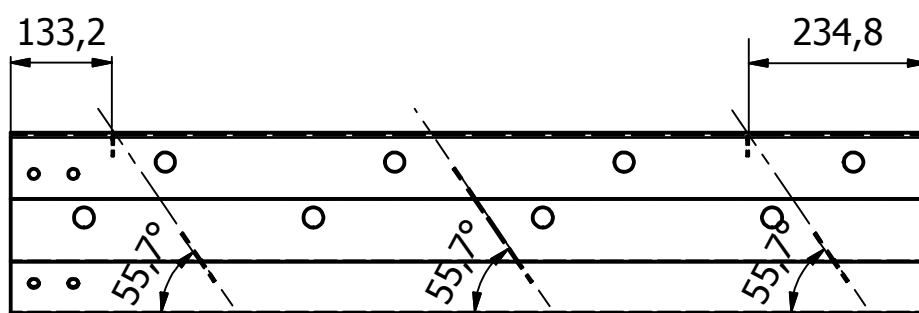
Beplantet bæredygtig trappe

Edition  
1.10.1

Sheet  
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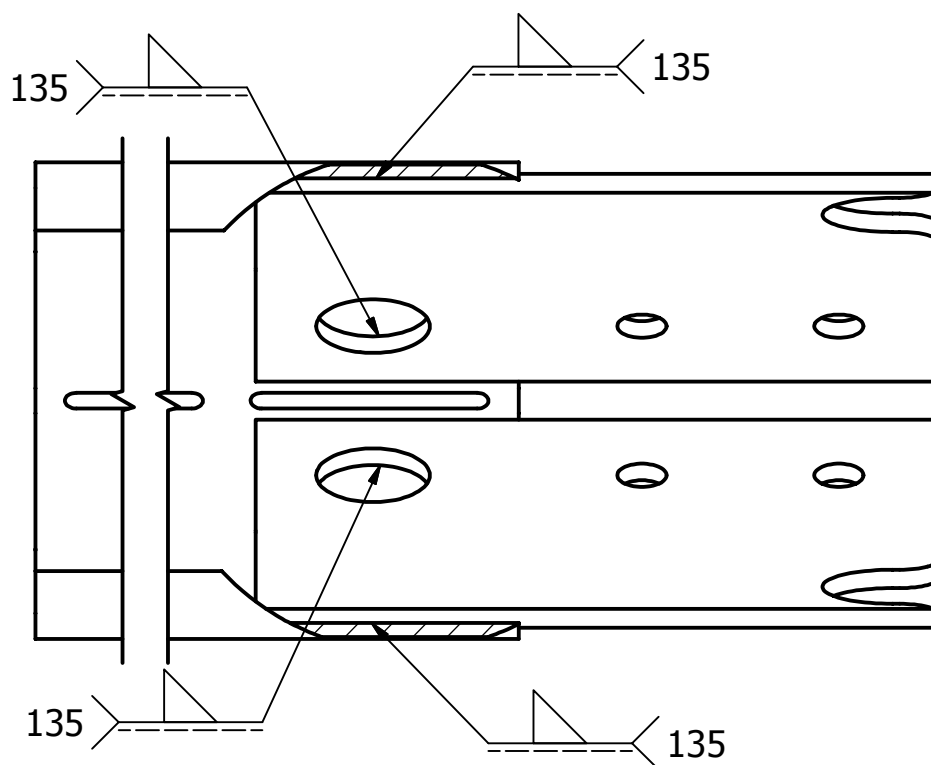


Svejsninger i top- og bundmoduler  
udføres som i midtermoduler



Designed by Kristoffer Ek	Checked by	Approved by	Date	Date 26-09-2019	
Svejsninger skot			Beplantet bæredygtig trappe		
			Edition 1.10.1	Sheet 5 / 40	

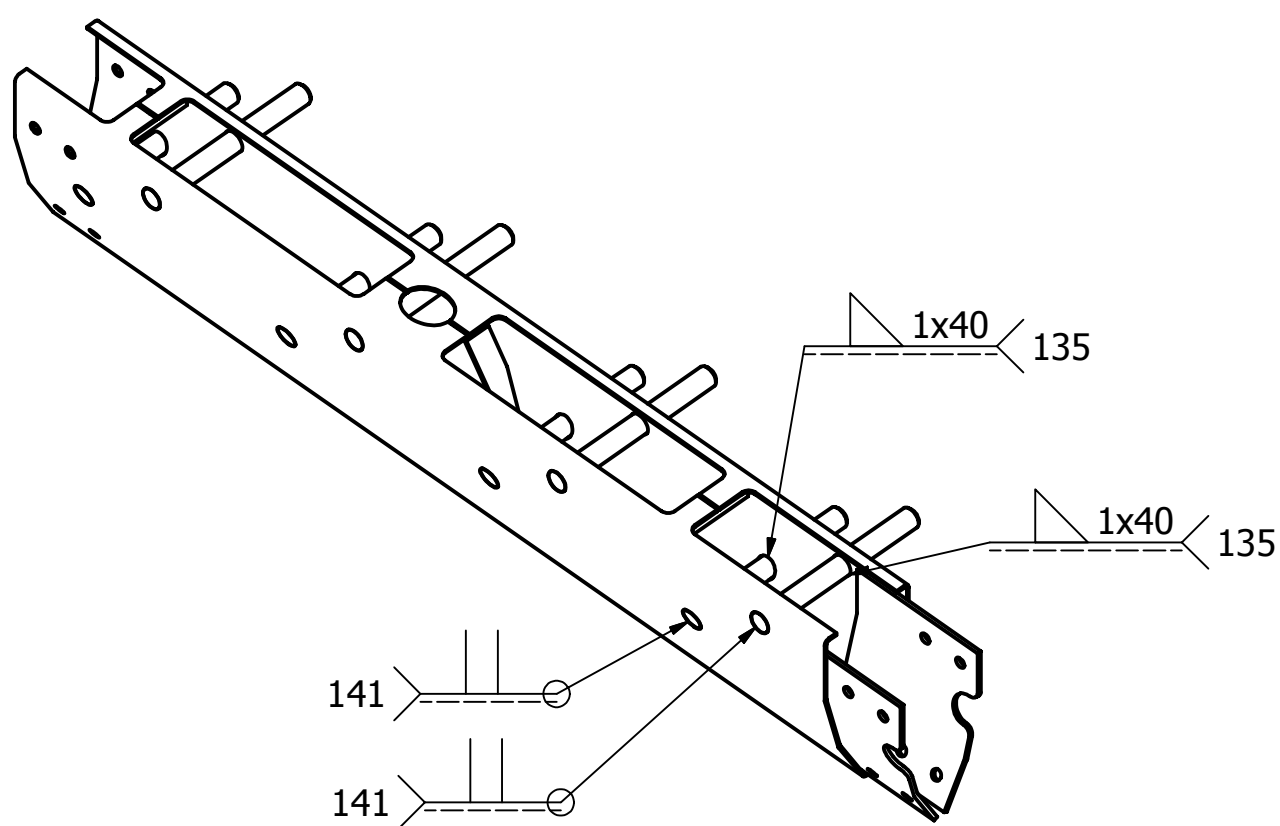
Svejsninger i topmoduler  
udføres som i midtermoduler



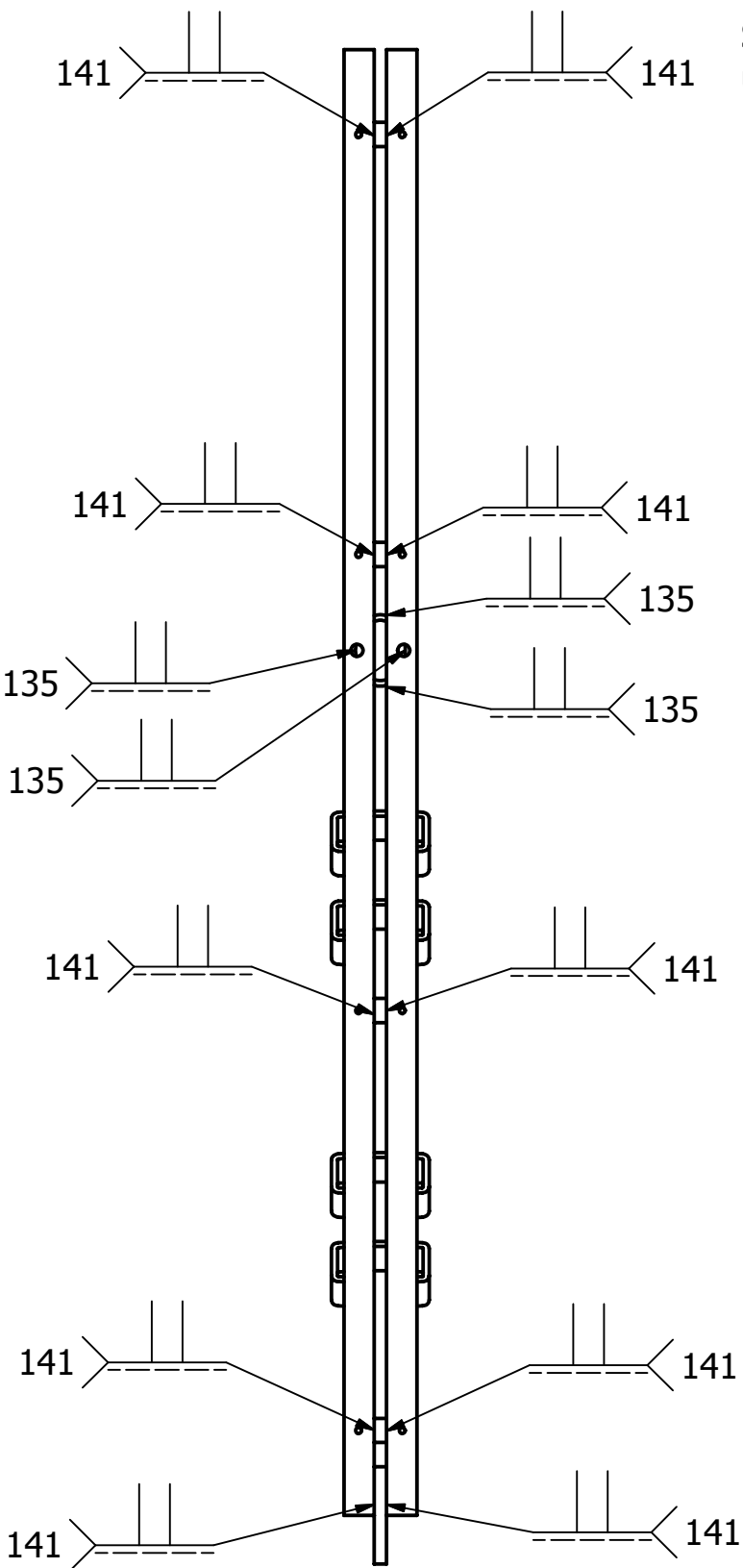
Placering af lasker sker ved at montere lasker  
med skruer på nabomodul adskilt af 2 mm spalte  
mellem moduler

Designed by Kristoffer Ek	Checked by	Approved by	Date	Date 26-09-2019	
Svejsninger af lasker					
			Beplantet bæredygtig trappe	Edition 1.10.1	Sheet 6 / 40

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 1.10.1	Sheet 7 / 40

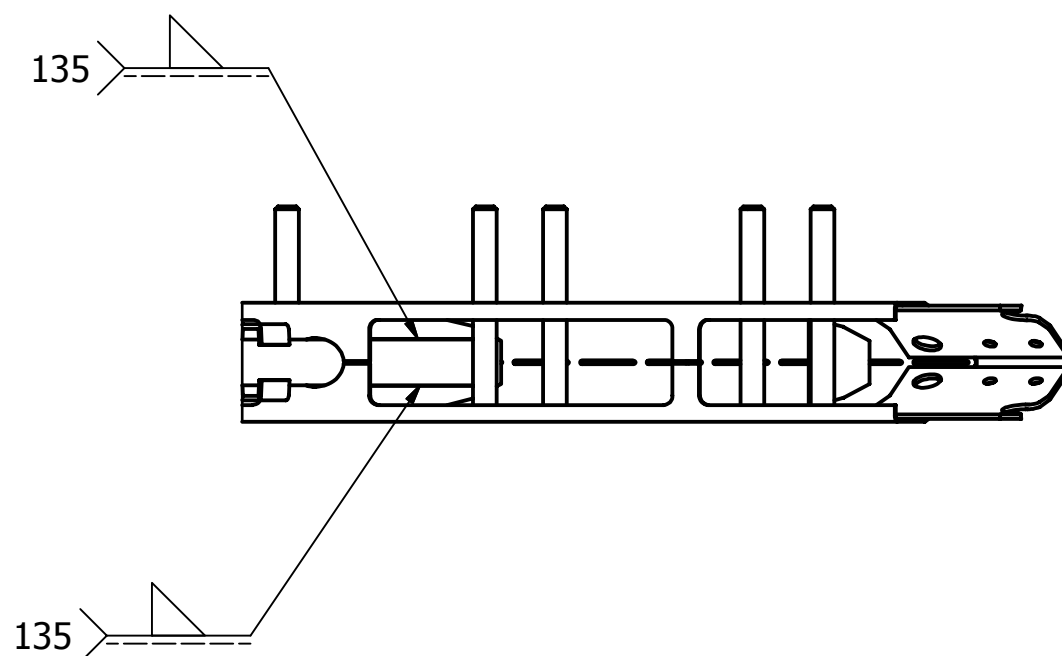


Svejsninger i top- og bundmoduler udføres som i midtermoduler

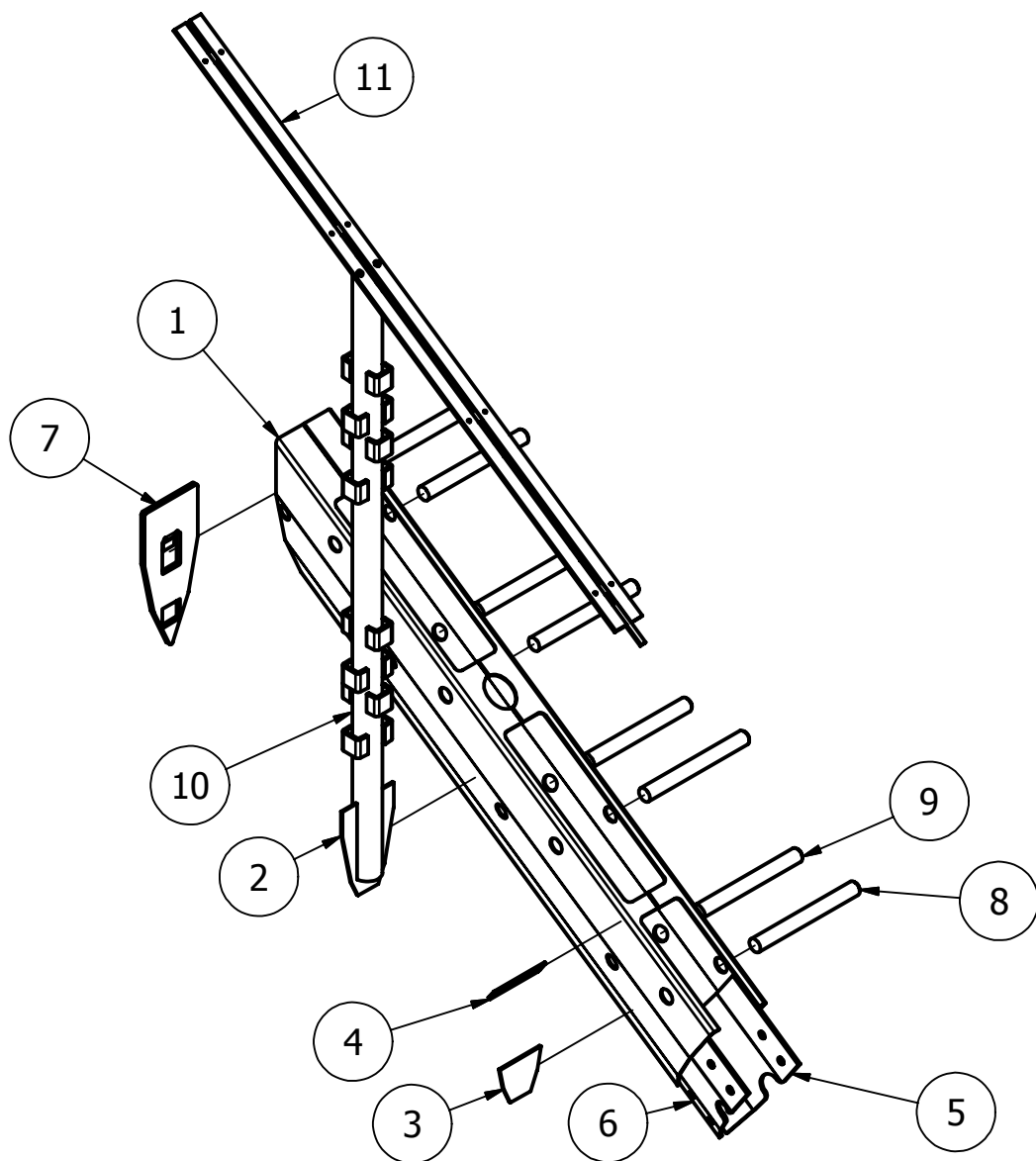
Designed by Kristoffer Ek	Checked by	Approved by	Date	Date 26-09-2019	
Svejsning af håndfang					
			Beplantet bæredygtig trappe	Edition 1.10.1	Sheet 8 / 40



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 1.10.1	Sheet 9 / 40



### 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

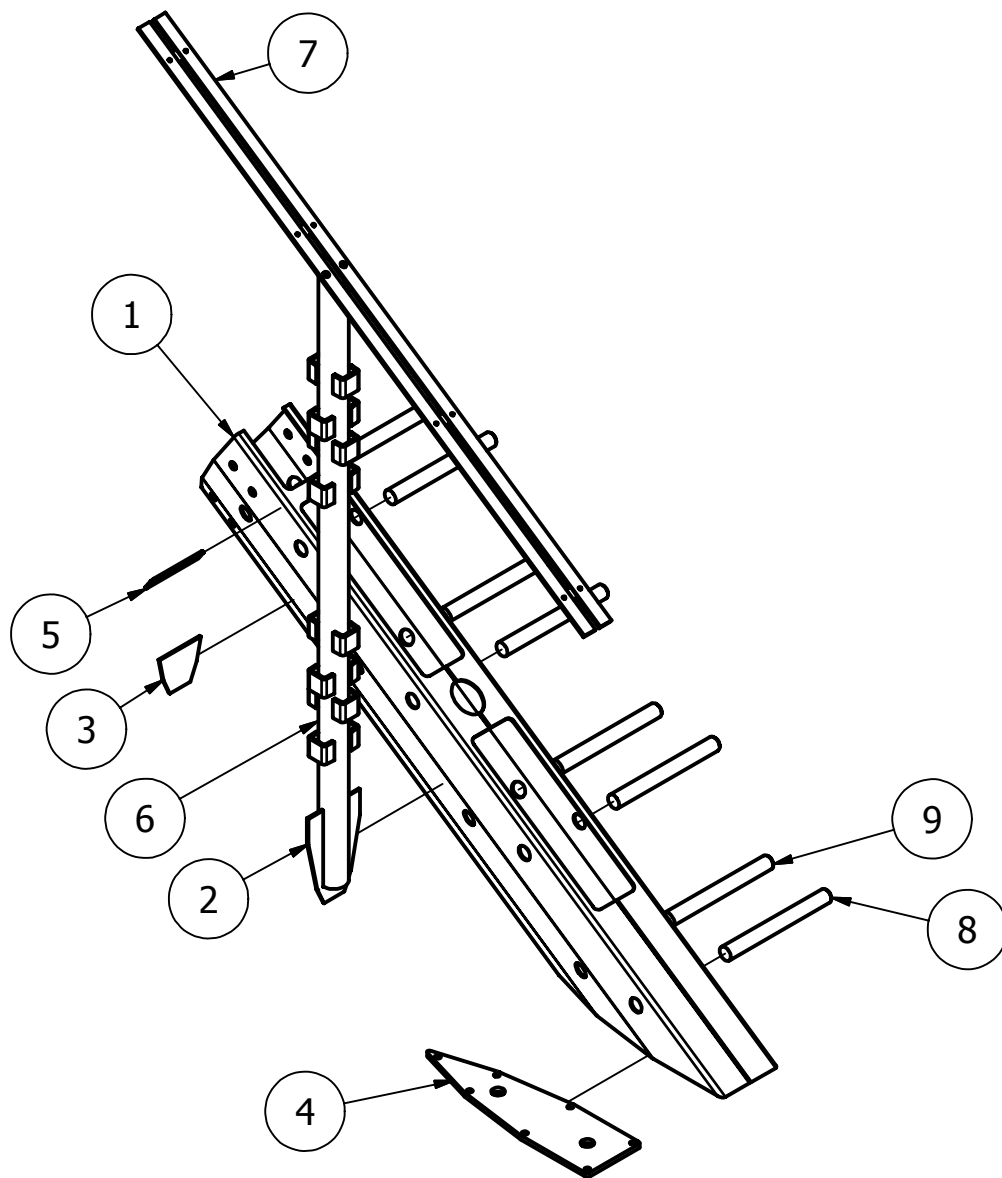
26-09-2019

Modul top

Beplantet bæredygtig trappe

Edition  
1.10.1

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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

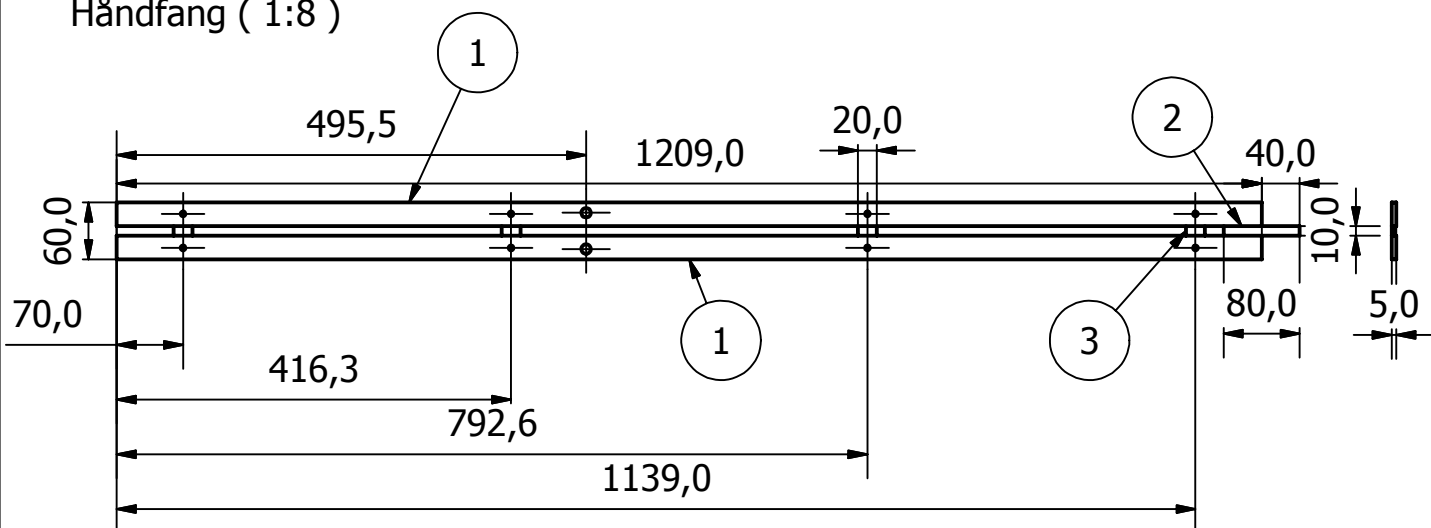
Beplantet bæredygtig trappe

Edition  
1.10.1

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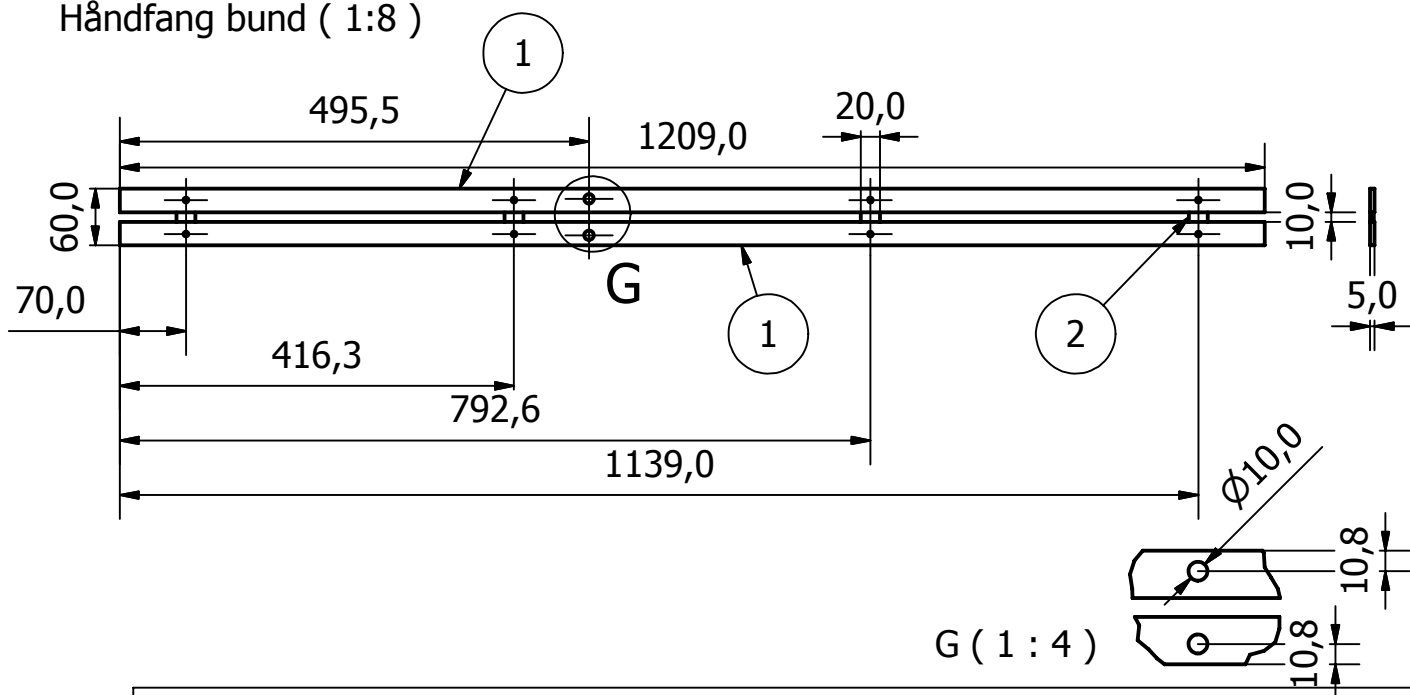
Håndfang ( 1:8 )



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

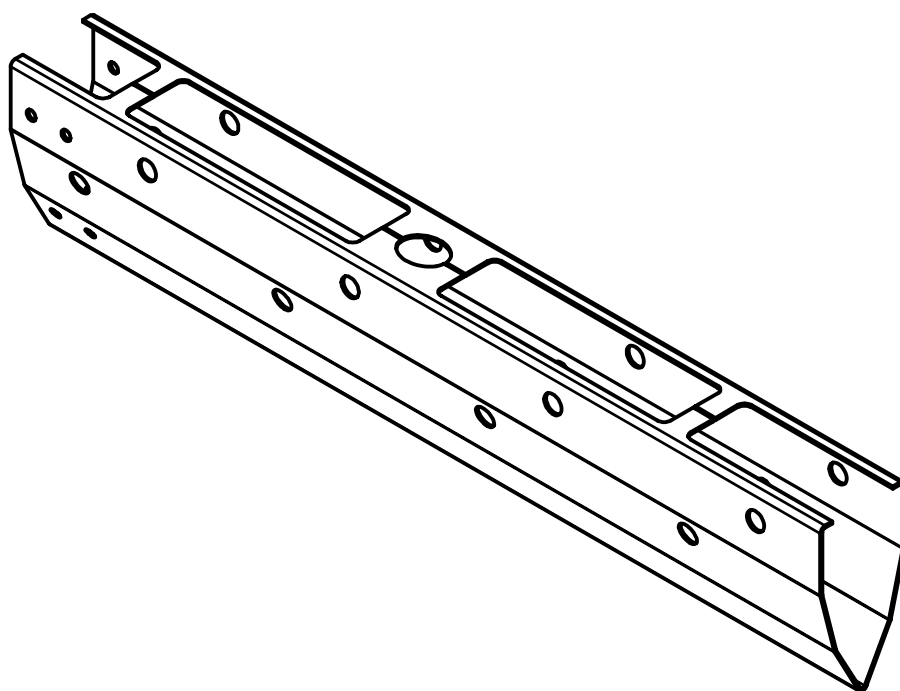
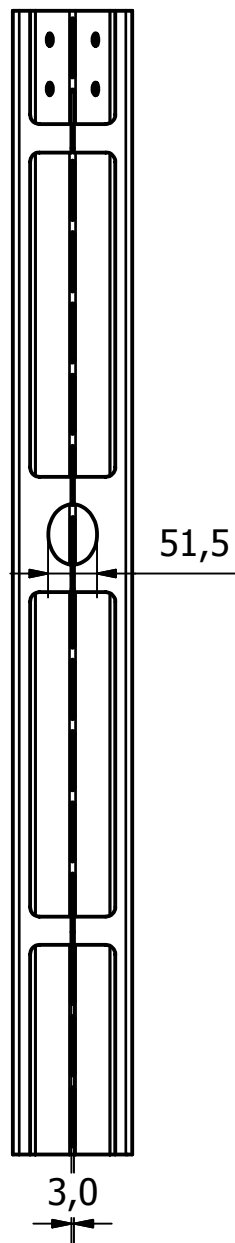
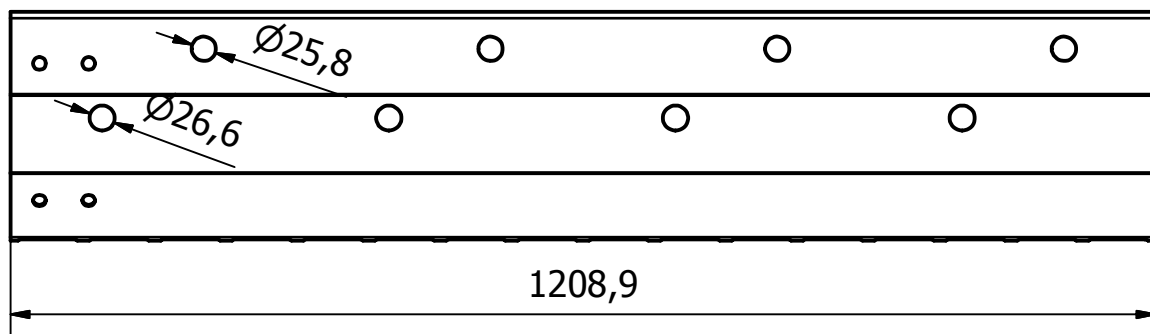
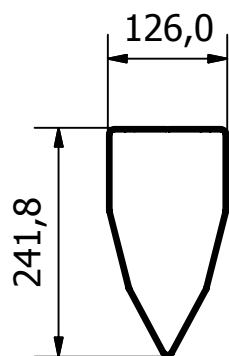
Date

26-09-2019

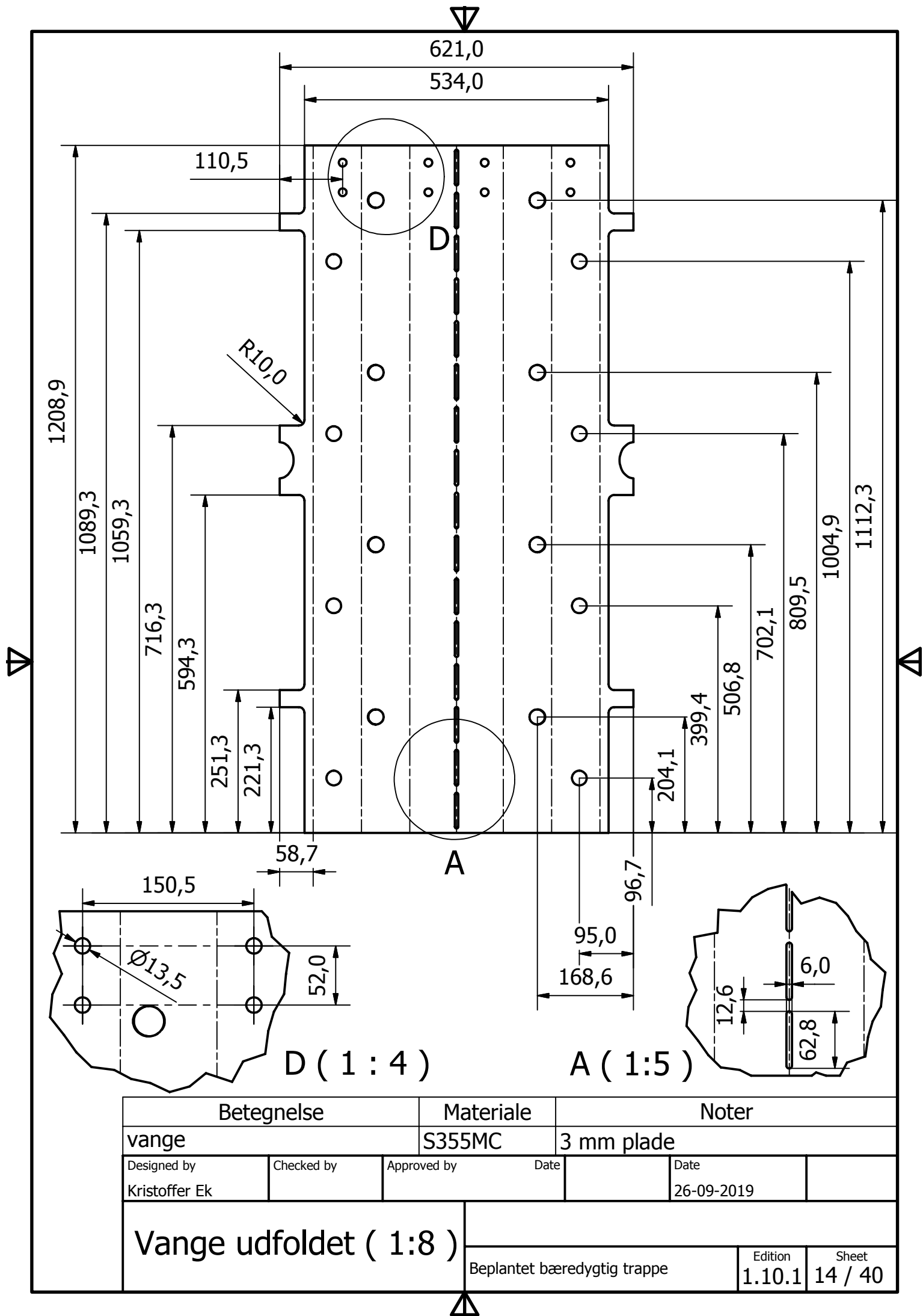
Håndfang

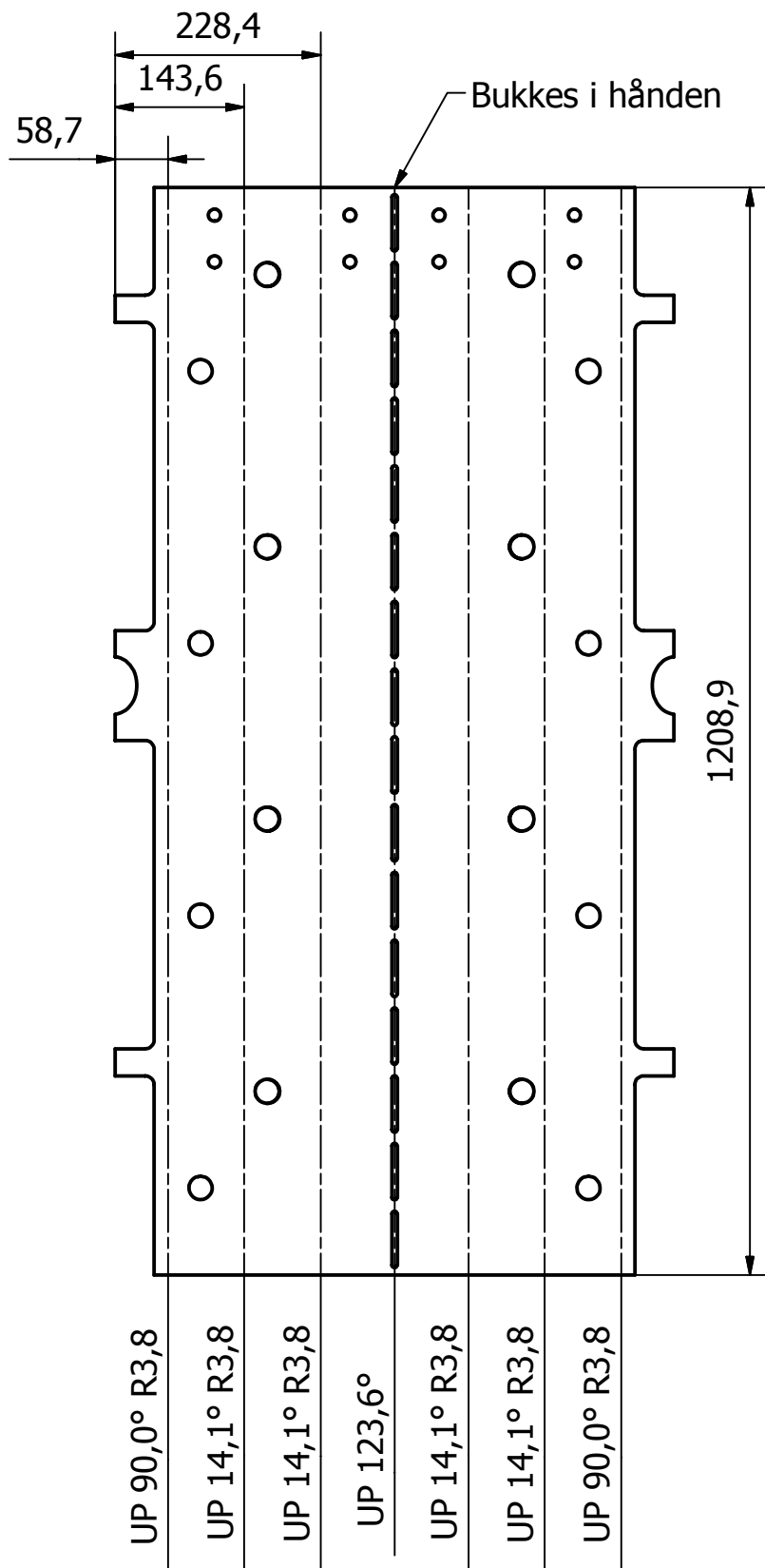
Beplantet bæredygtig trappe

Edition  
1.10.1Sheet  
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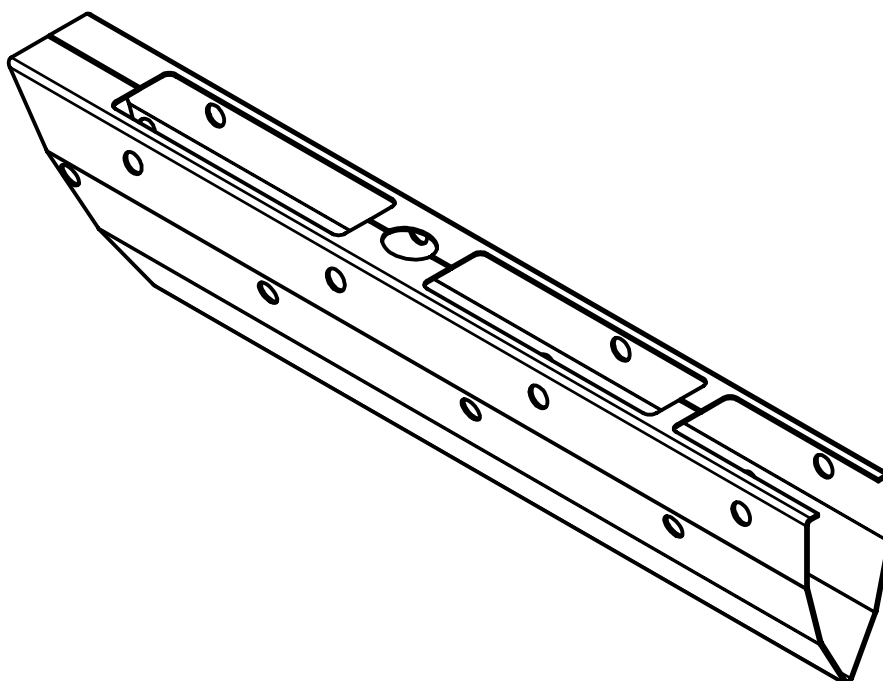
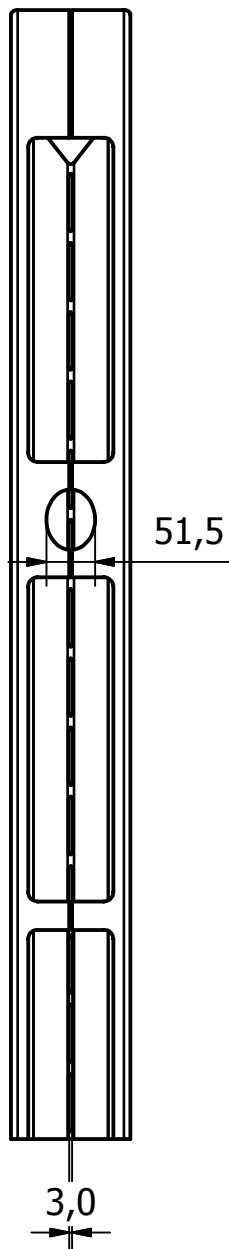
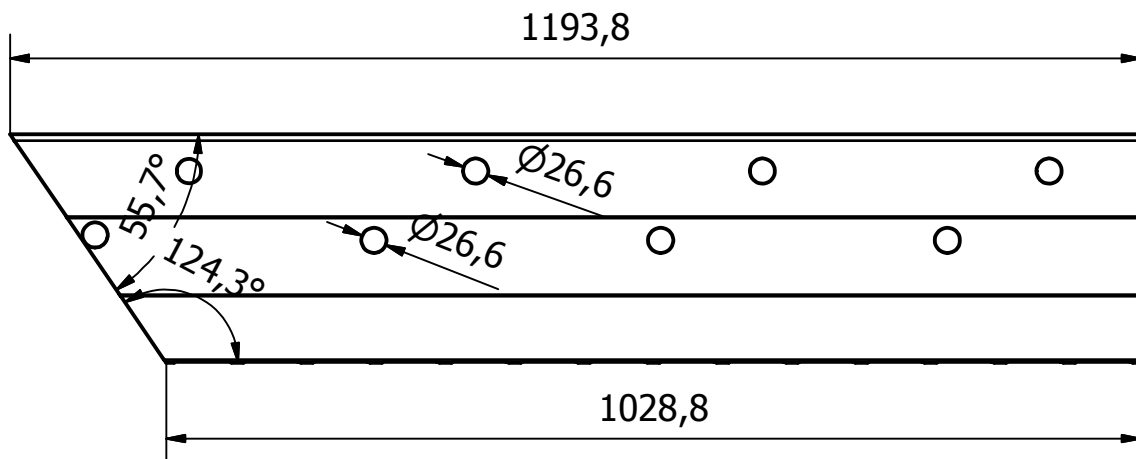
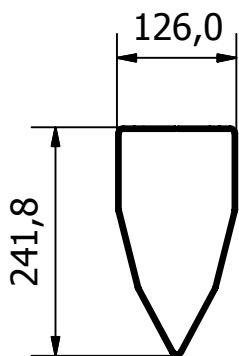


Betegnelse		Materiale		Noter	
vange		S355MC		3 mm plade	
Designed by	Checked by	Approved by		Date	
Kristoffer Ek				26-09-2019	
Vange ( 1:8 )					
		Beplantet bæredygtig trappe		Edition 1.10.1	Sheet 13 / 40



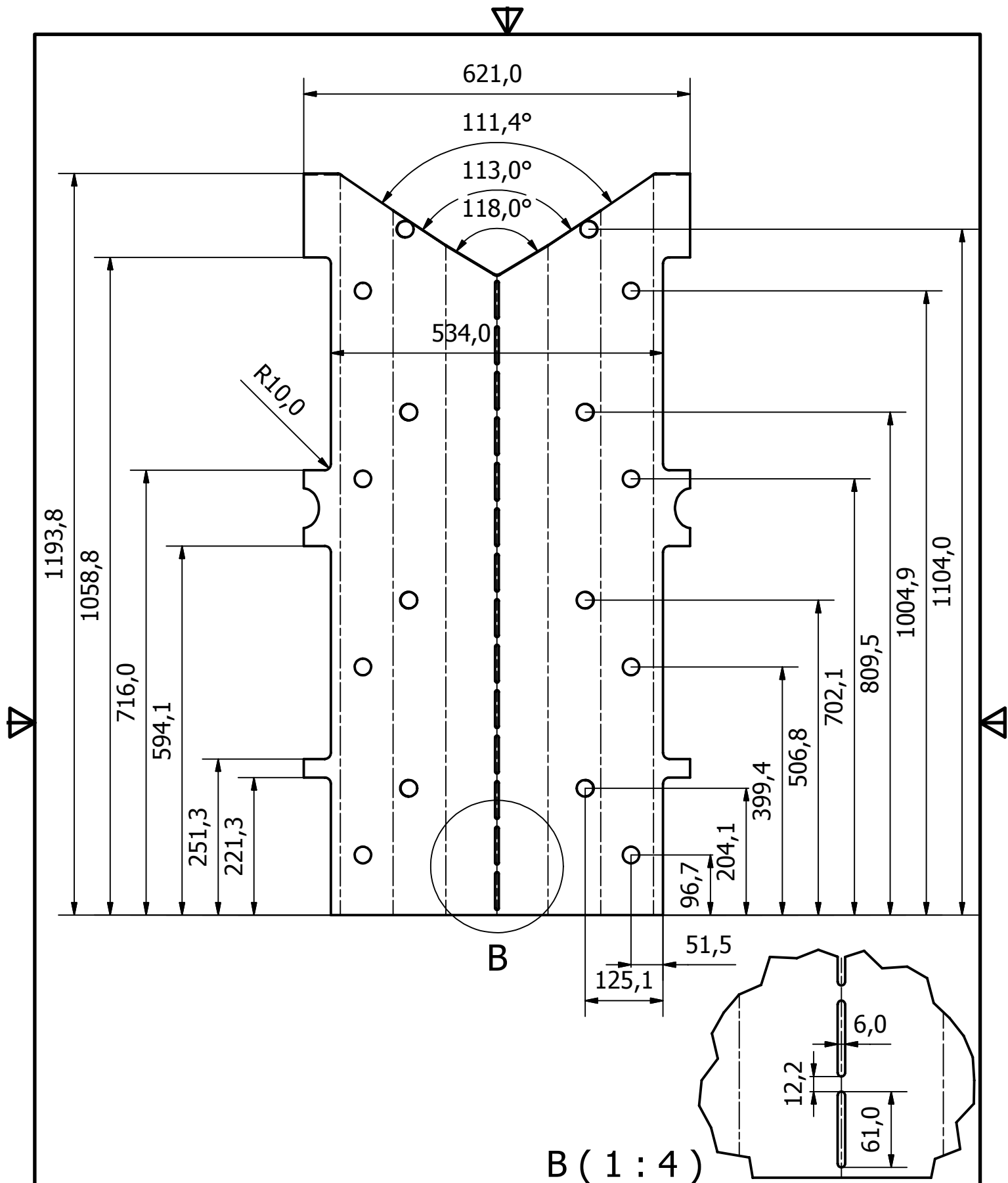


Betegnelse			Materiale		Noter		
vange			S355MC		3 mm plade		
Designed by		Checked by	Approved by		Date		
Kristoffer Ek						26-09-2019	
Vange buk ( 1:8 )							
				Beplantet bæredygtig trappe		Edition	Sheet
				1.10.1		15 / 40	

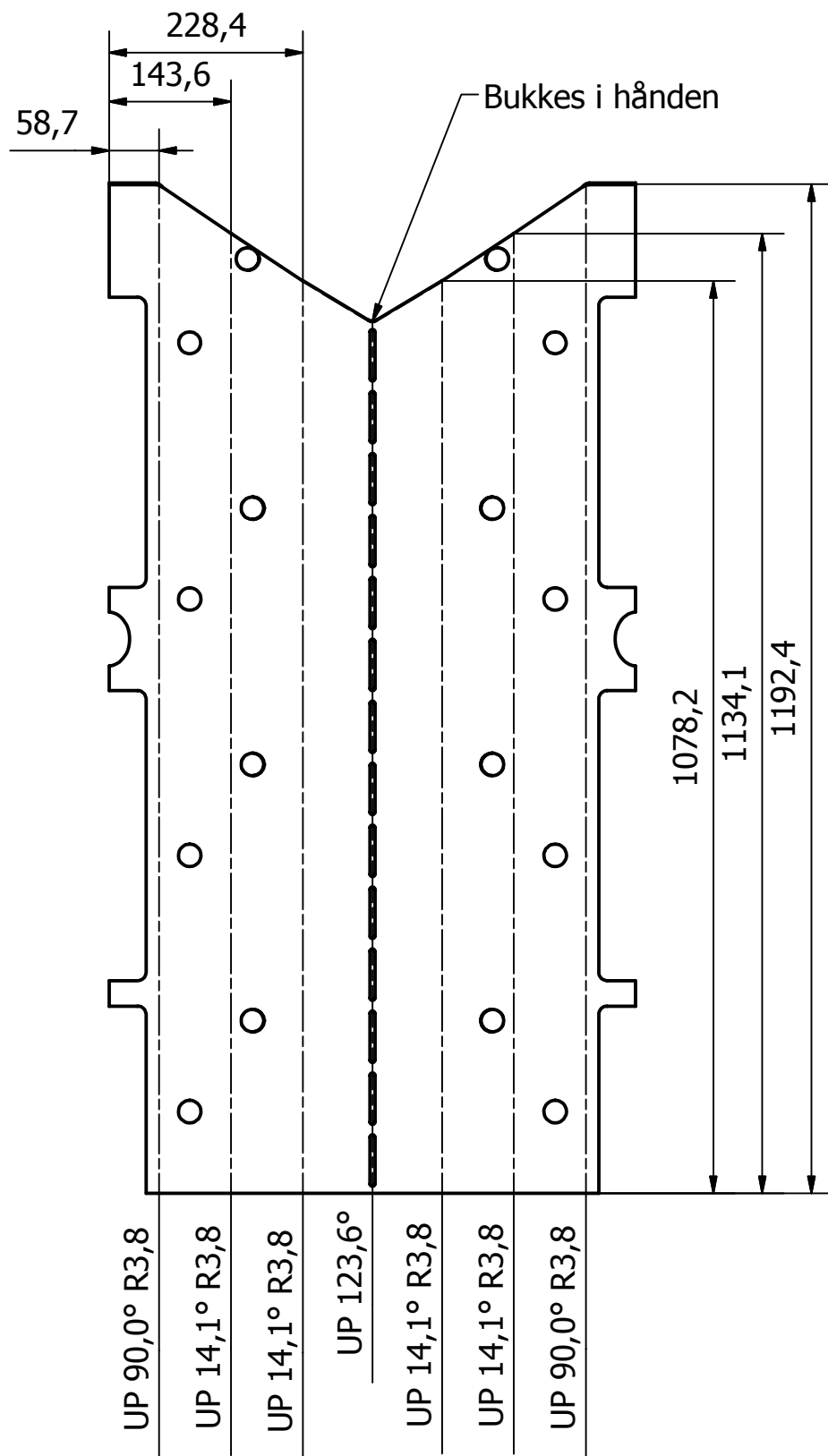


Betegnelse		Materiale		Noter		
vange top		S355MC		3 mm plade		
Designed by	Checked by	Approved by		Date		Date
Kristoffer Ek						26-09-2019
Top-vange ( 1:8 )						
				Beplantet bæredygtig trappe		Edition 1.10.1

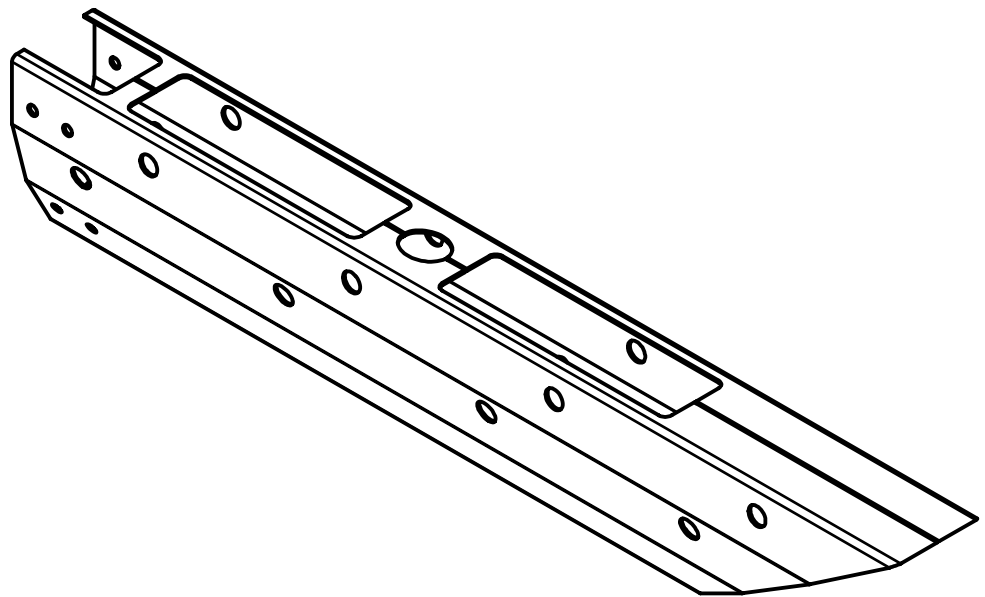
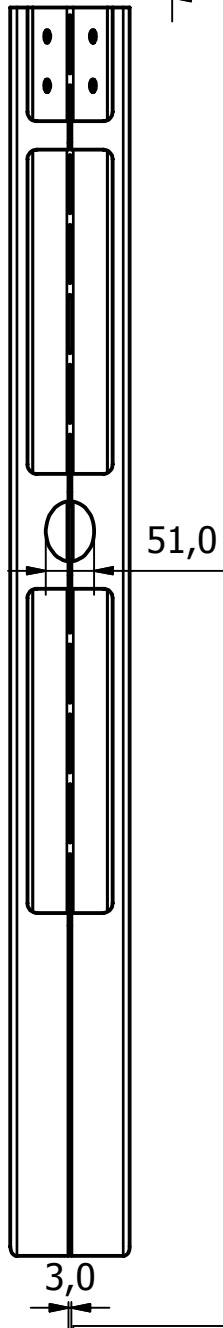
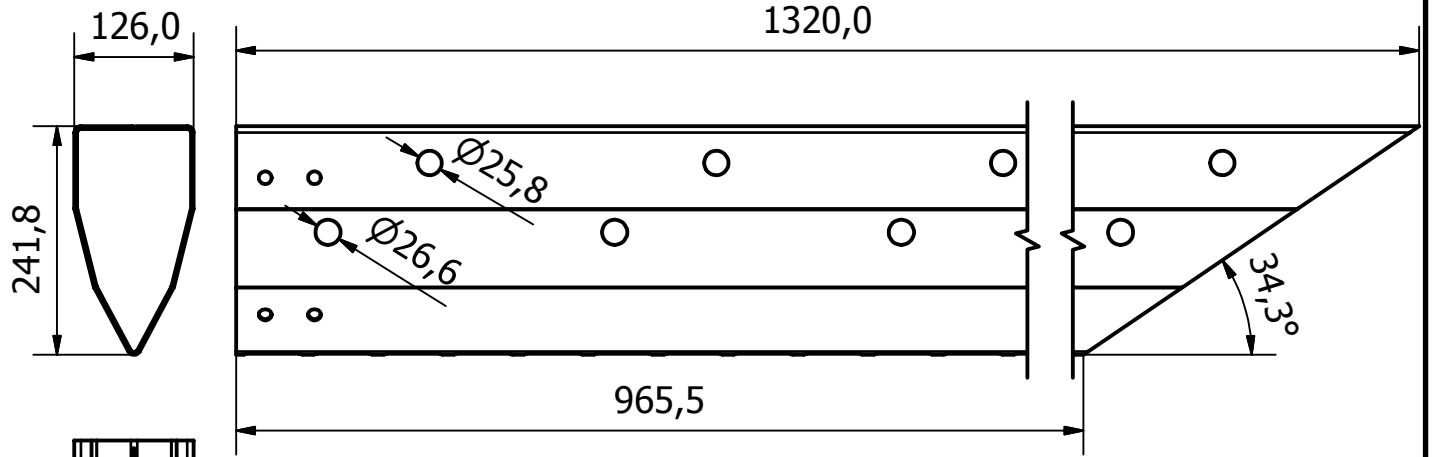




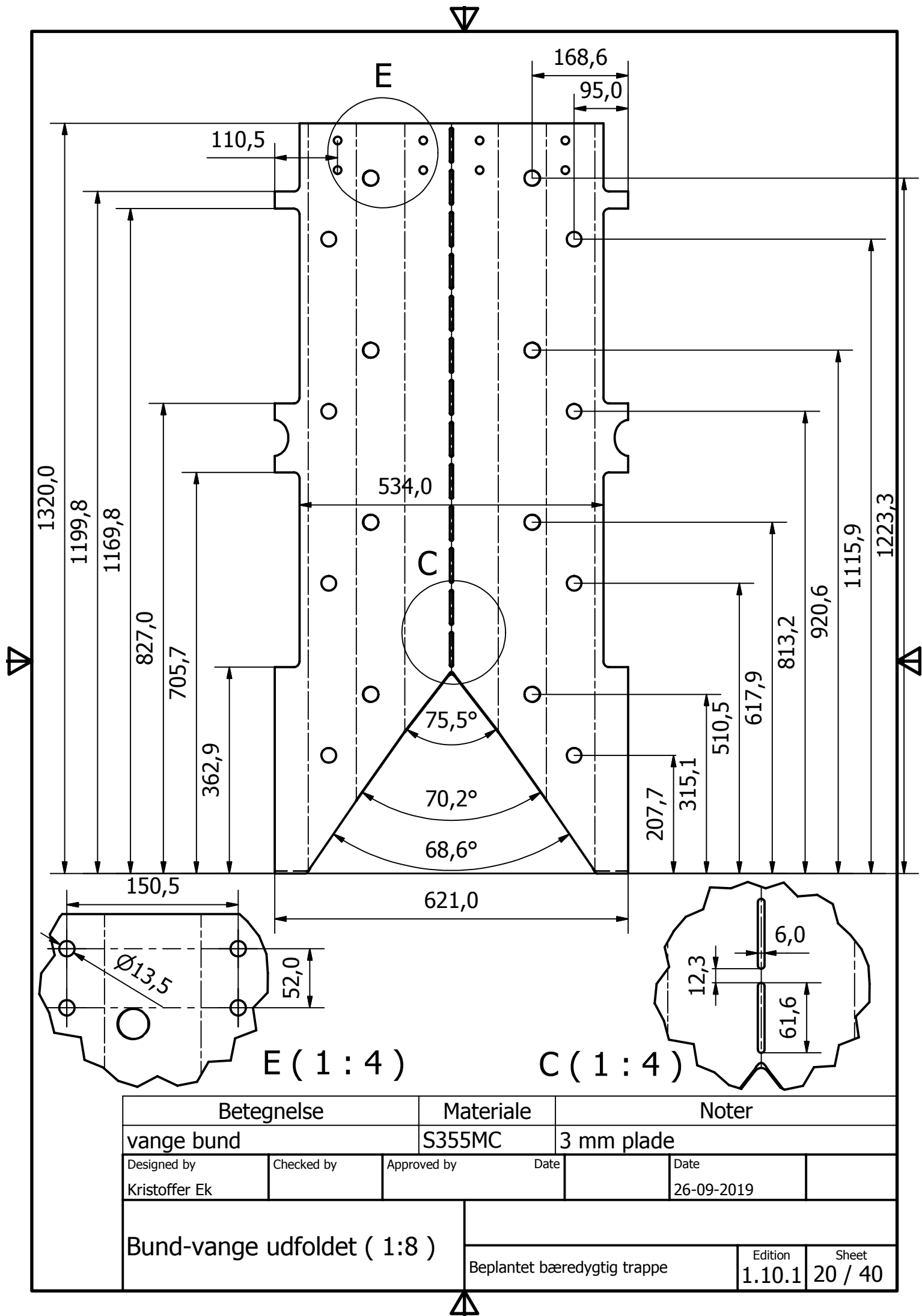
Betegnelse		Materiale		Noter	
vange top		S355MC		3 mm plade	
Designed by	Checked by	Approved by	Date	Date	
Kristoffer Ek				26-09-2019	
Top-vange udfoldet ( 1:8 )					
		Beplantet bæredygtig trappe		Edition	Sheet
				1.10.1	17 / 40



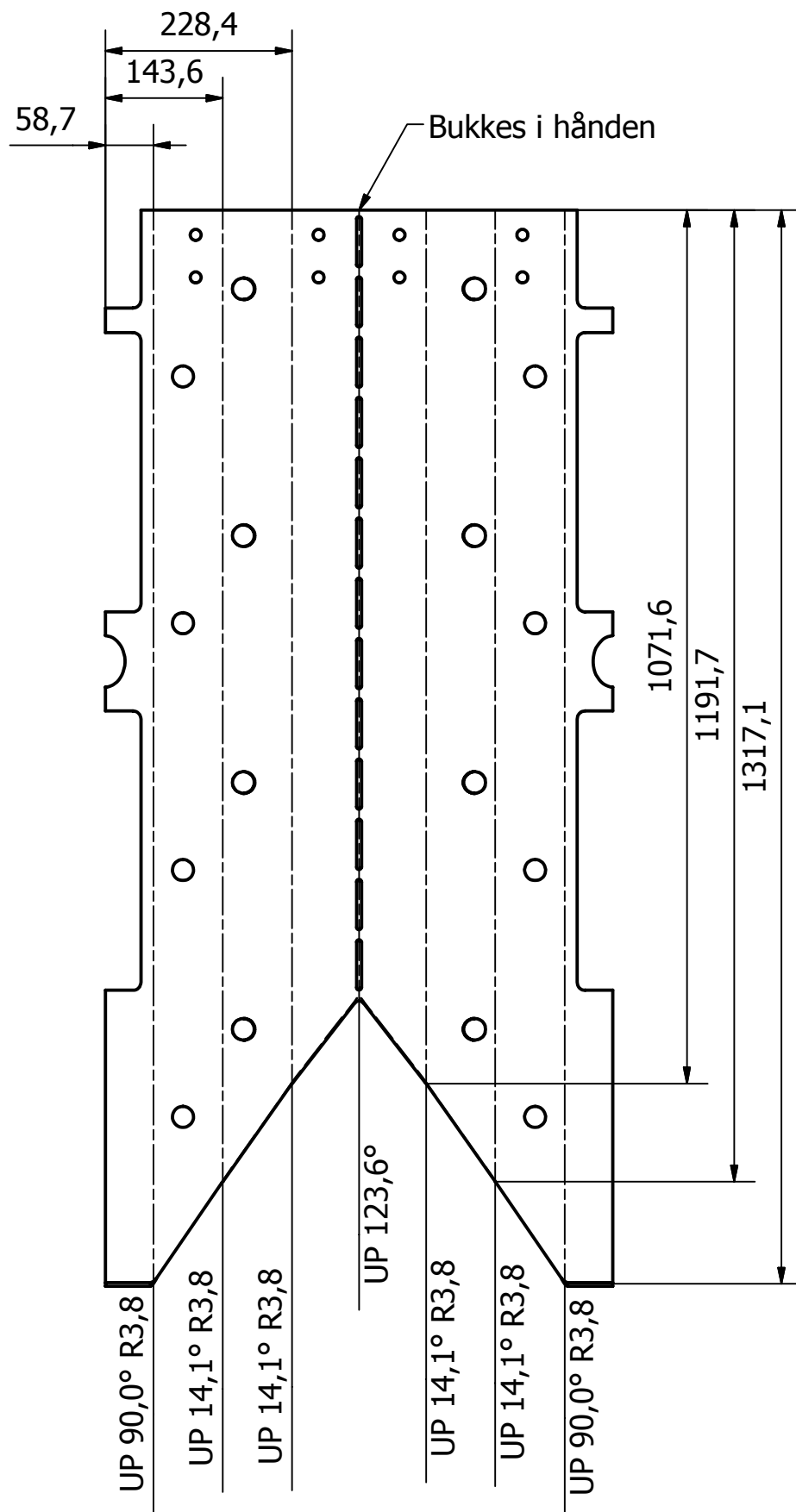
Betegnelse		Materiale		Noter	
vange top		S355MC		3 mm plade	
Designed by Kristoffer Ek	Checked by	Approved by		Date 26-09-2019	
Top-vange buk ( 1:8 )					
		Beplantet bæredygtig trappe		Edition 1.10.1	Sheet 18 / 40



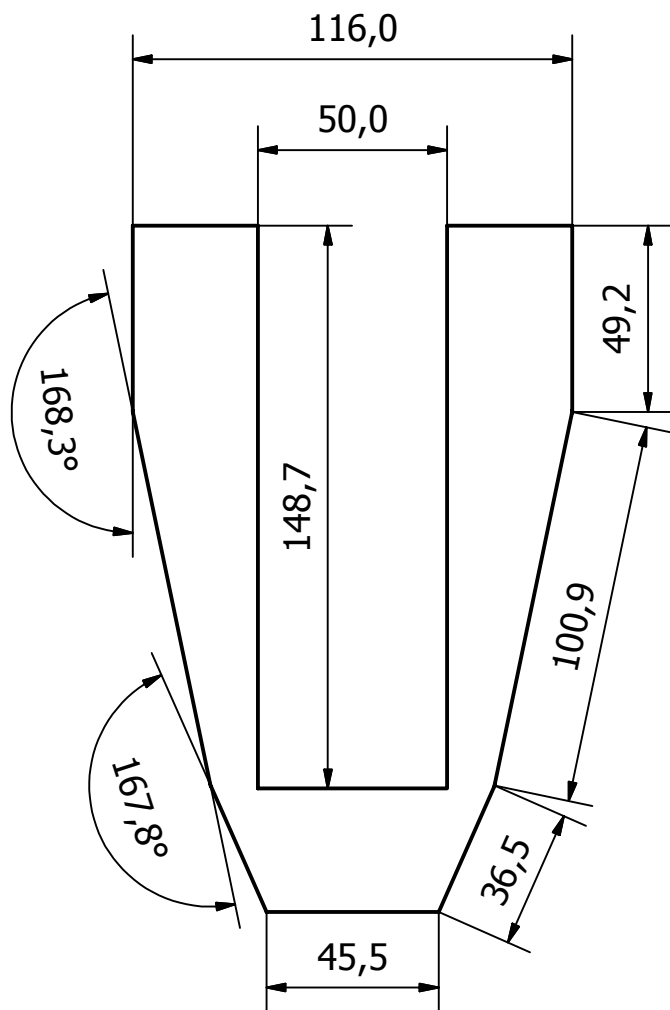
Betegnelse		Materiale		Noter	
vange bund		S355MC		3 mm plade	
Designed by	Checked by	Approved by		Date	
Kristoffer Ek				26-09-2019	
Bund-vange ( 1:8 )					
		Beplantet bæredygtig trappe		Edition	Sheet
				1.10.1	19 / 40



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
				1.10.1	20 / 40

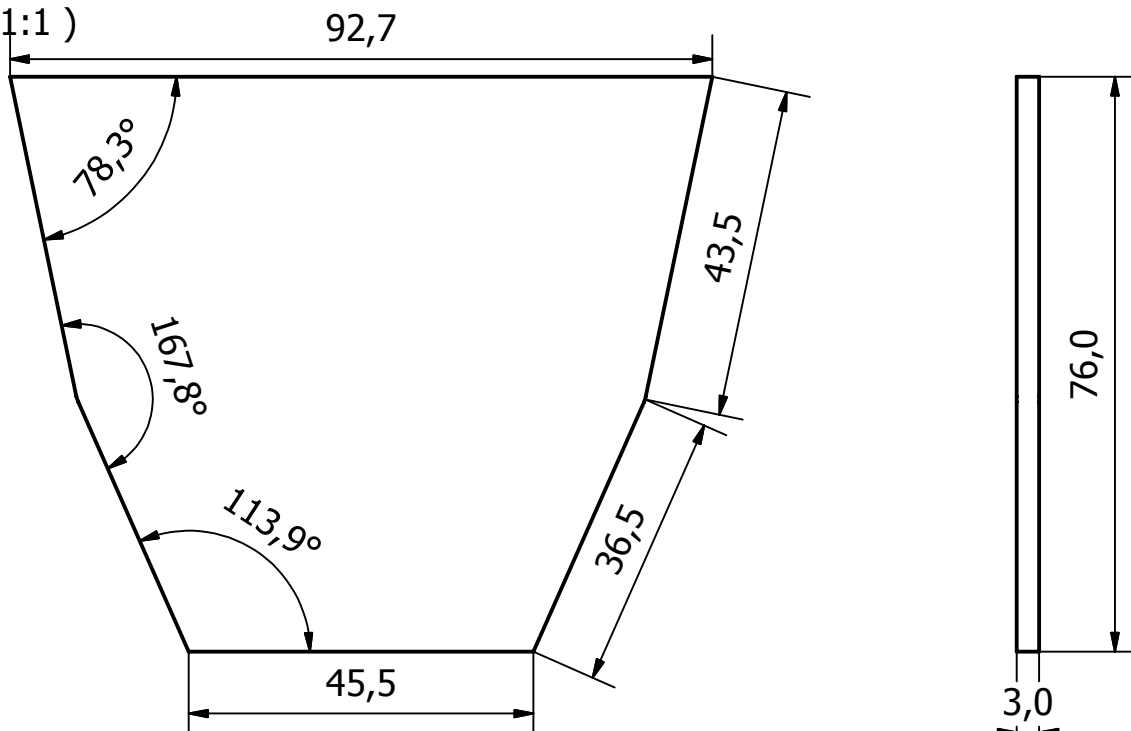


Betegnelse		Materiale		Noter	
vange bund		S355MC		3 mm plade	
Designed by	Checked by	Approved by	Date	Date	
Kristoffer Ek				26-09-2019	
Bund-vange buk ( 1:8 )					
		Beplantet bæredygtig trappe		Edition 1.10.1	Sheet 21 / 40



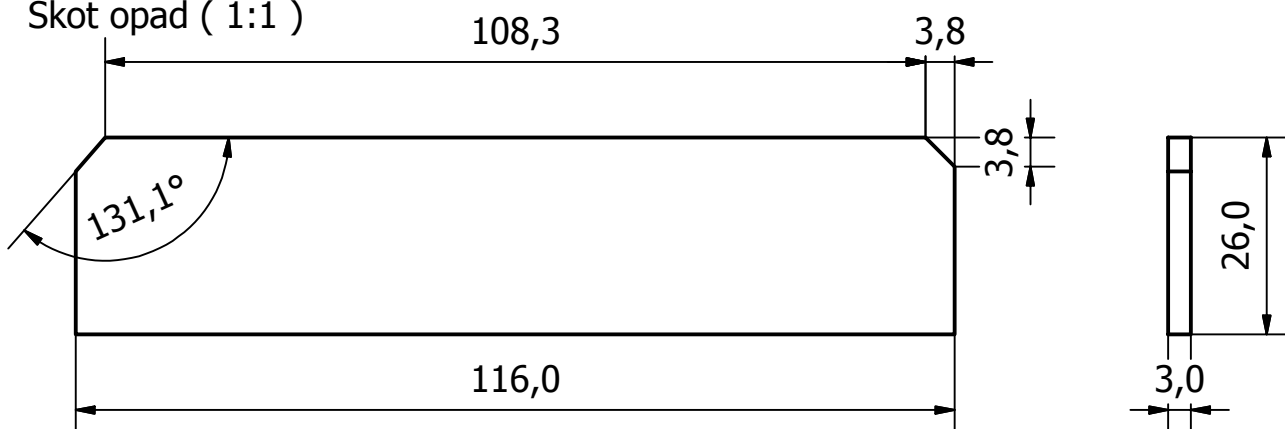
Betegnelse		Materiale		Noter	
baluster-fod		S355MC		3 mm plade	
Designed by Kristoffer Ek	Checked by	Approved by		Date 26-09-2019	
Baluster-fod ( 1 : 2 )					
		Beplantet bæredygtig trappe		Edition 1.10.1	Sheet 22 / 40

Skot ( 1:1 )



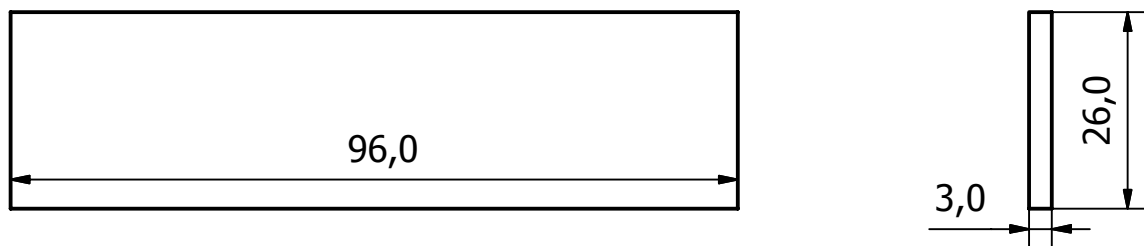
Betegnelse	Materiale	Noter
skot	S355MC	3 mm plade

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	

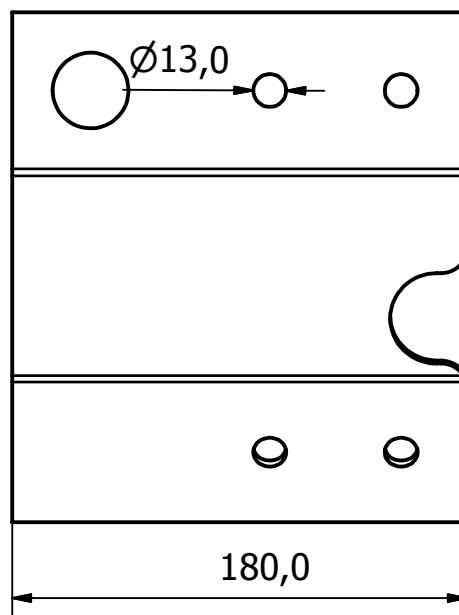
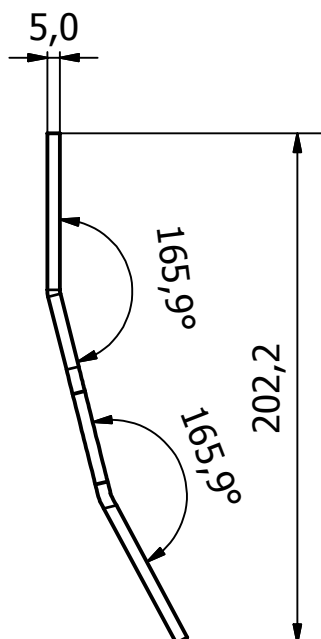
Skot

Beplantet bæredygtig trappe

Edition  
1.10.1

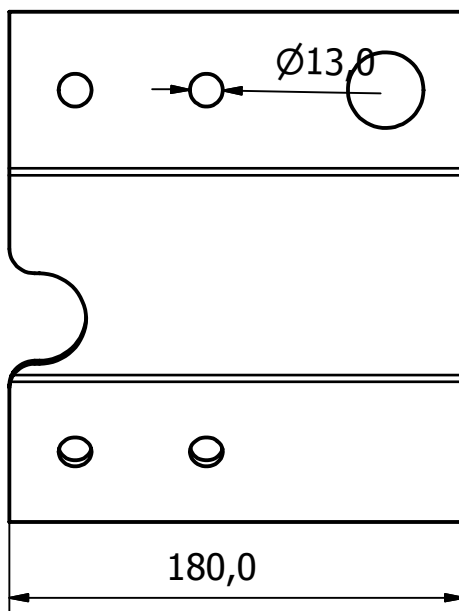
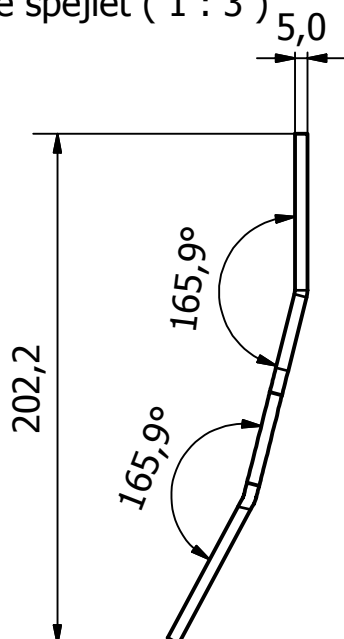
Sheet  
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Laske ( 1 : 3 )



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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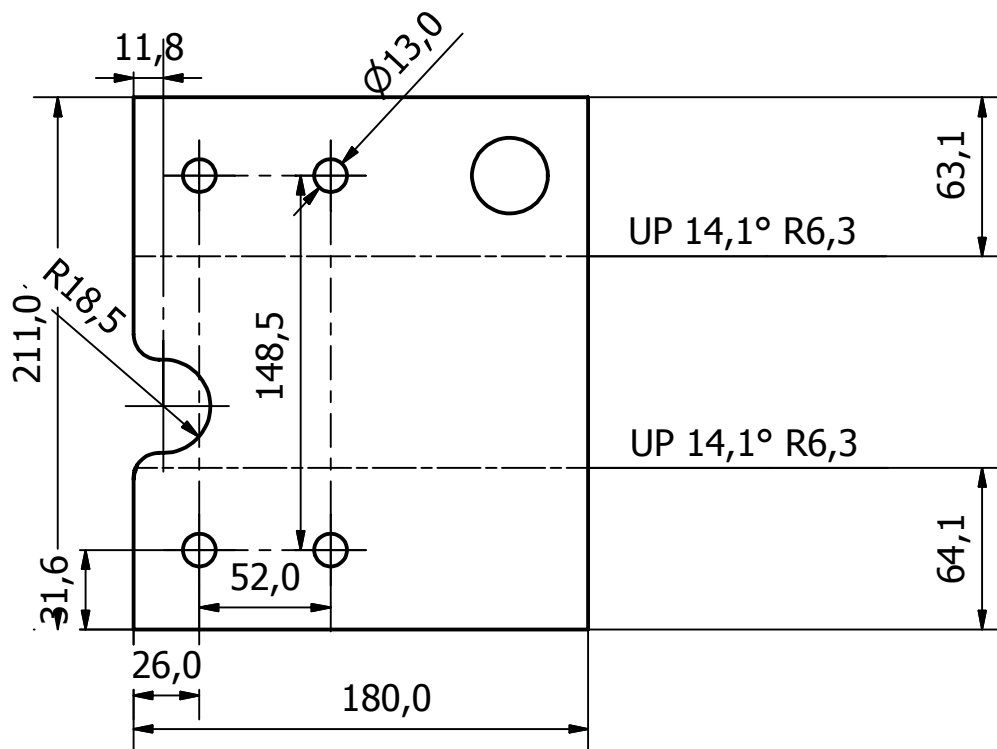
Lasker

Beplantet bæredygtig trappe

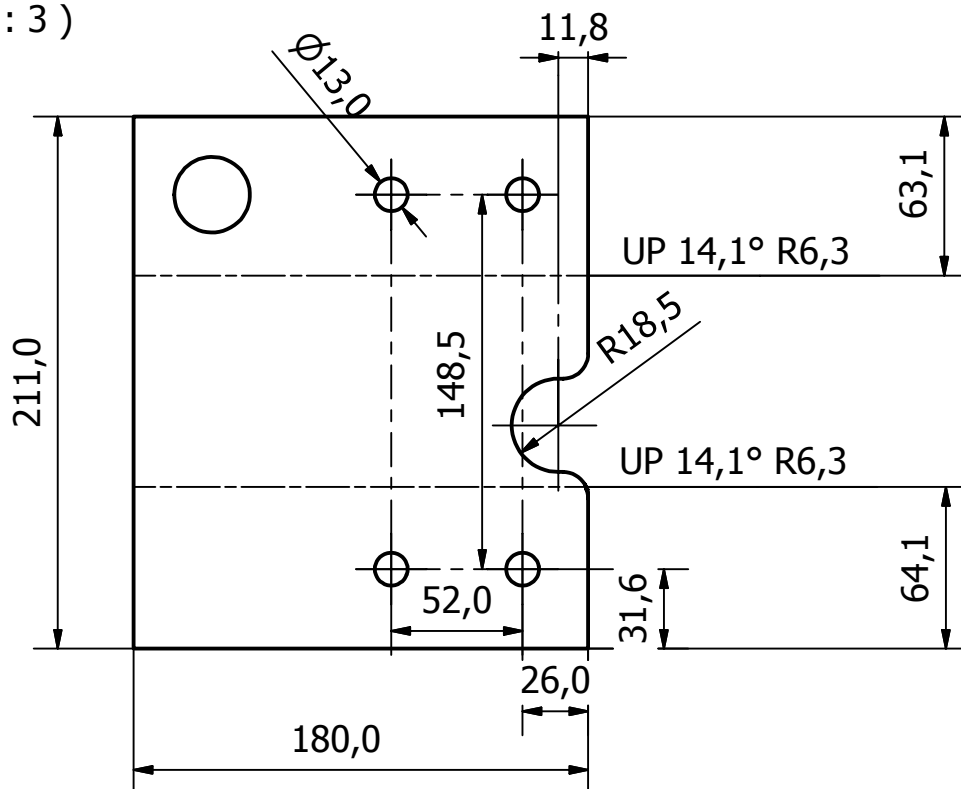
Edition  
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Betegnelse	Materiale	Noter
laske	S355MC	5 mm plade



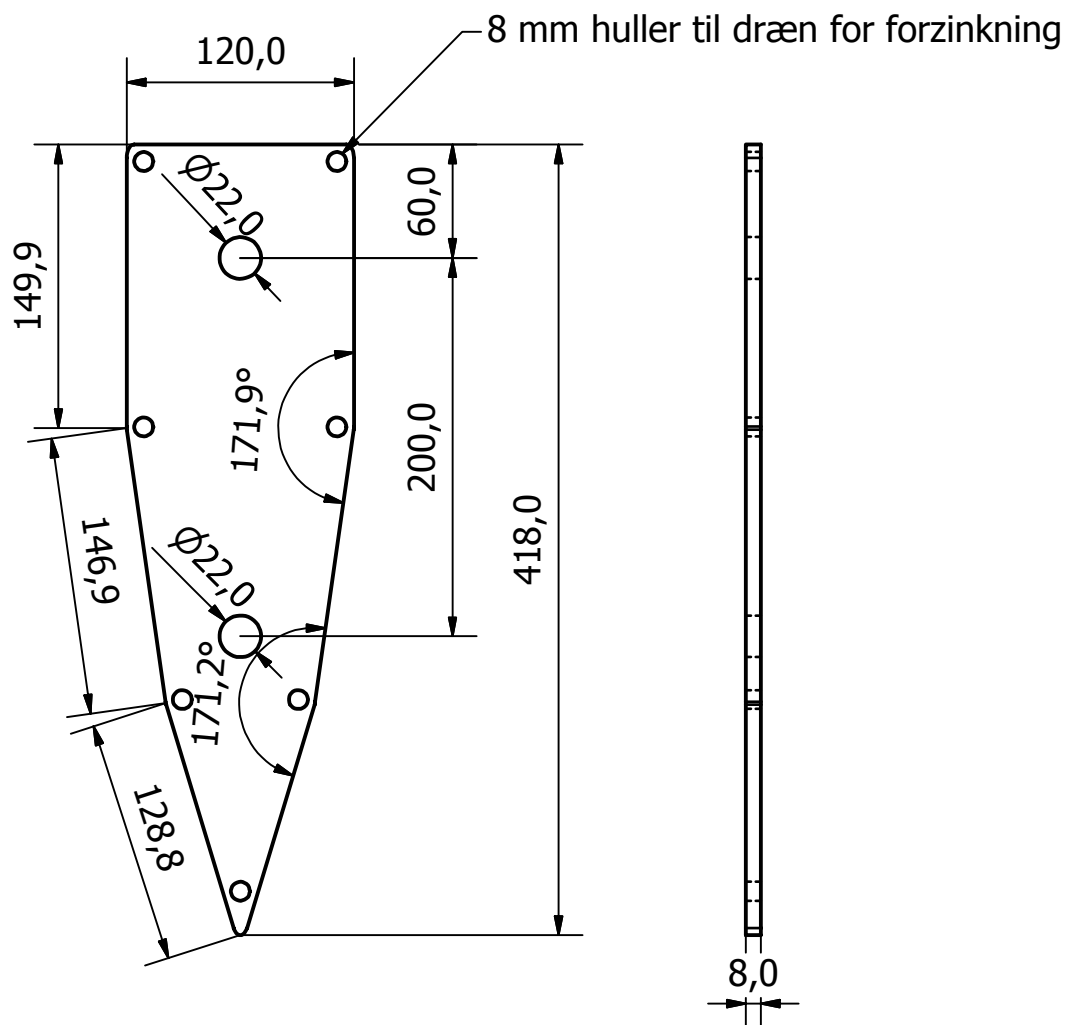
Betegnelse		Materiale		Noter	
laske spejlet		S355MC		5 mm plade	
Designed by Kristoffer Ek	Checked by	Approved by	Date	Date	
				26-09-2019	

# Lasker buk

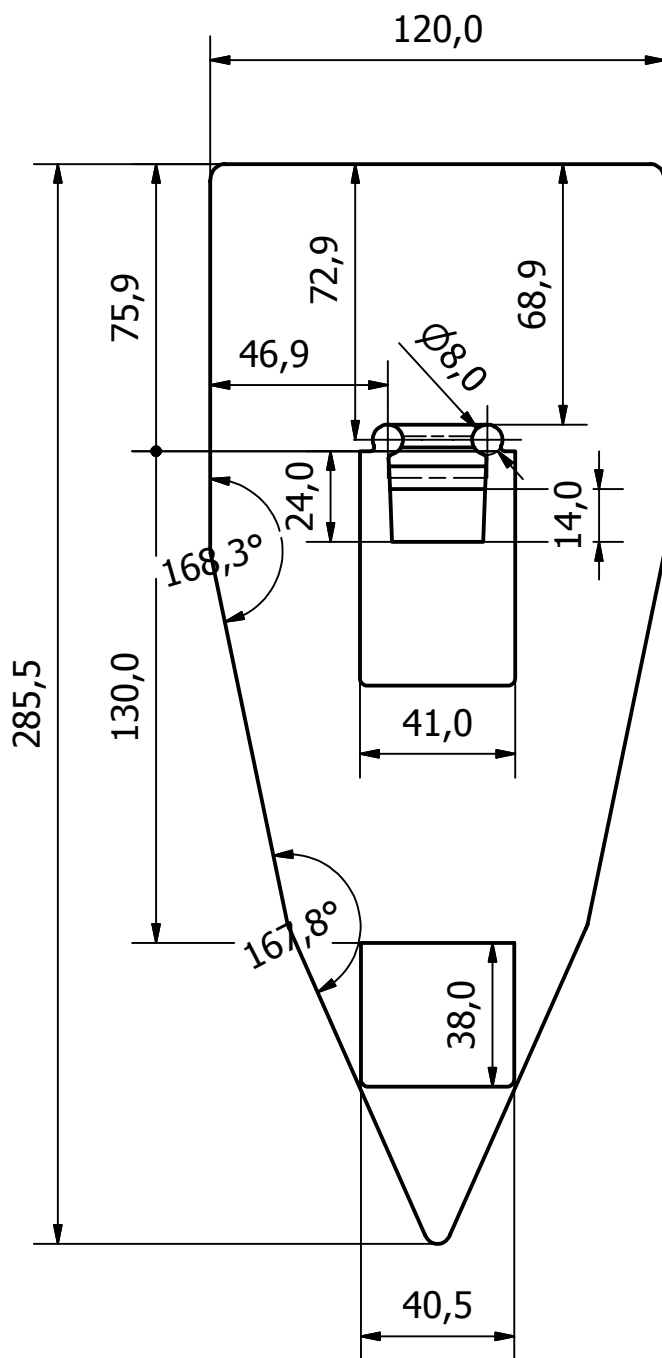
## Beplantet bæredygtig trappe

Edition  
1.10.1

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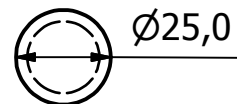
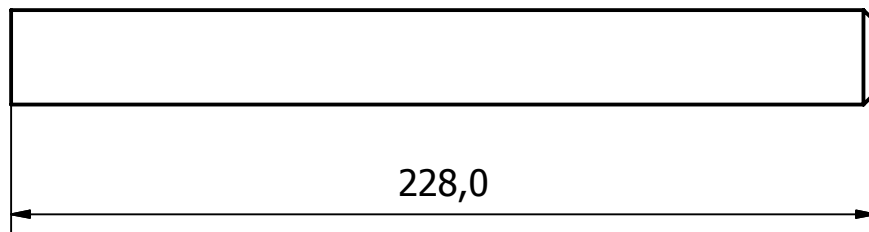


Betegnelse		Materiale		Noter	
bund vange-endeplade		S235JR		8 mm plade	
Designed by Kristoffer Ek	Checked by	Approved by		Date 26-09-2019	
Bund-vange-endeplade ( 1:4 )					
		Beplantet bæredygtig trappe		Edition 1.10.1	Sheet 26 / 40



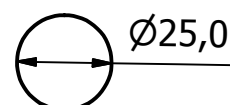
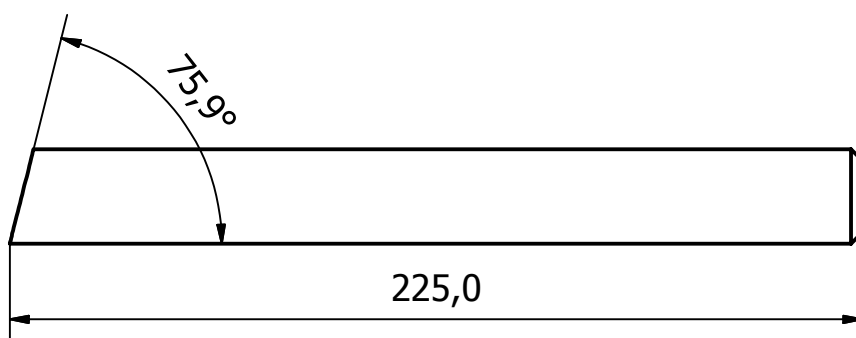
Betegnelse		Materiale		Noter	
top vange-endeplade		S235JR		8 mm plade	
Designed by	Checked by	Approved by		Date	
Kristoffer Ek				26-09-2019	
Top vange-endeplade ( 1:2 )					
		Beplantet bæredygtig trappe		Edition	Sheet
				1.10.1	27 / 40

# Trappestift ( 1:2 )



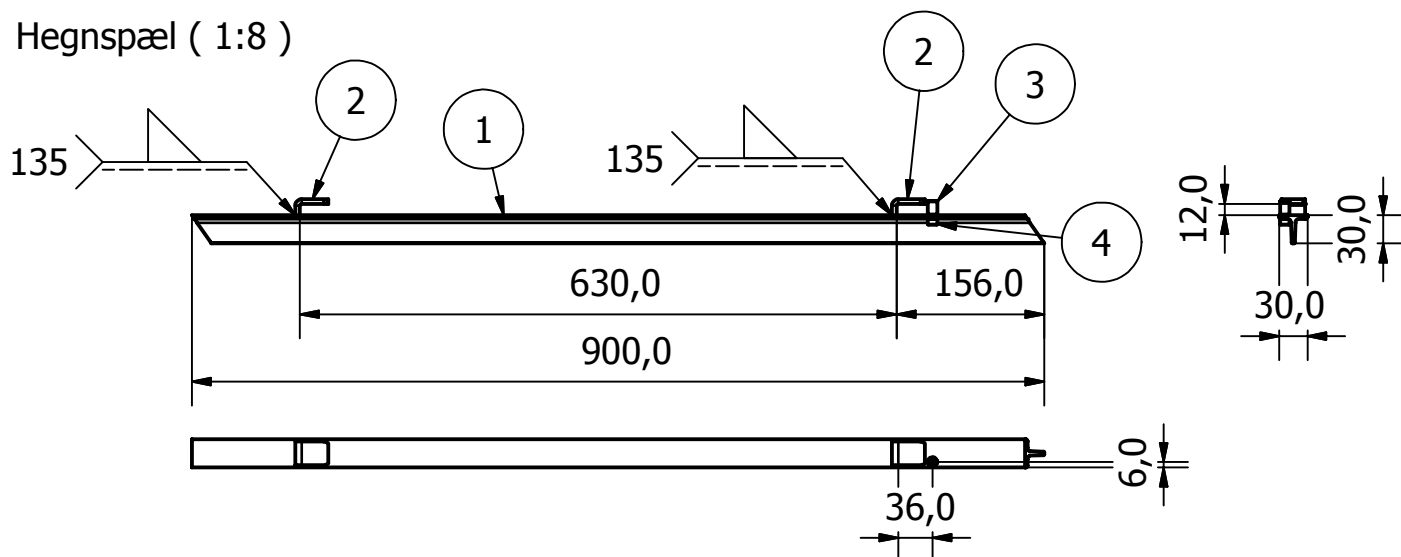
Betegnelse	Materiale	Noter
trappestift	S355J2	

# 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 1.10.1	Sheet 28 / 40

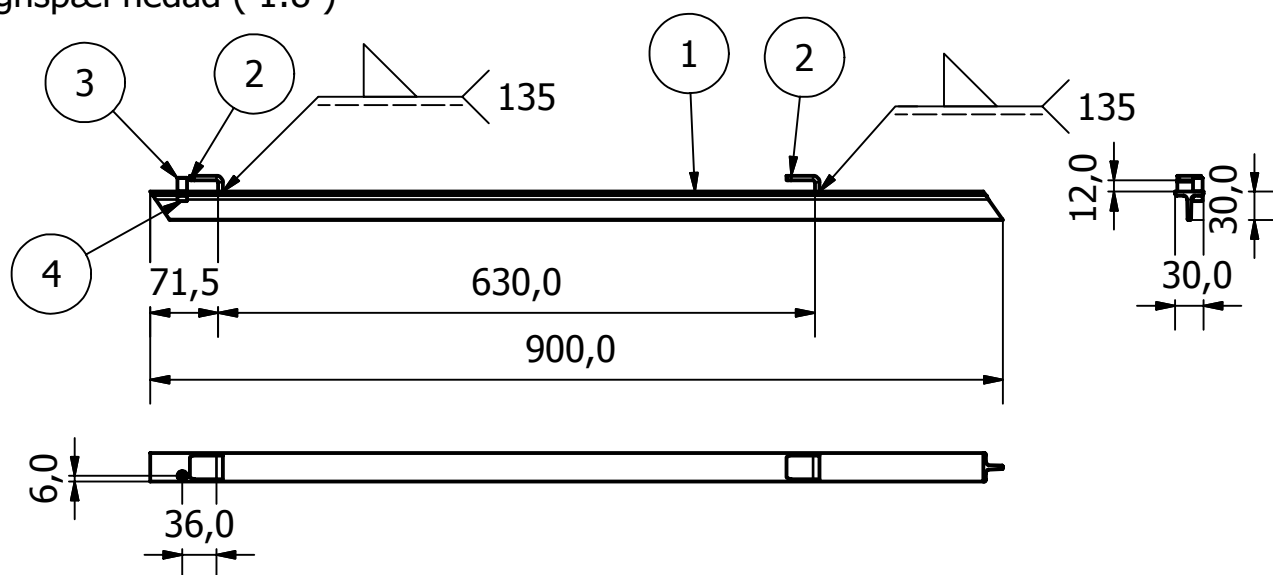
Hegnspæl ( 1:8 )



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	

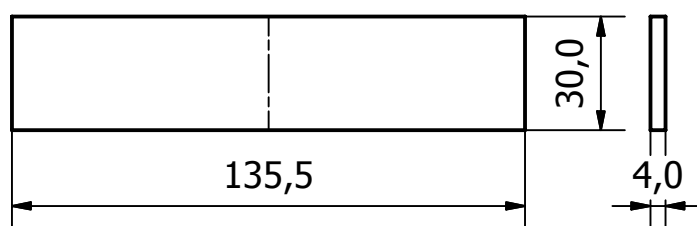
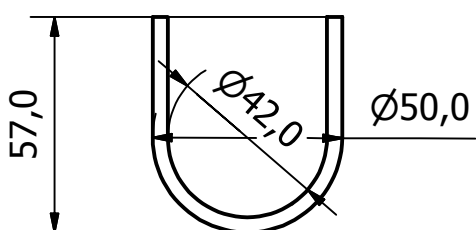
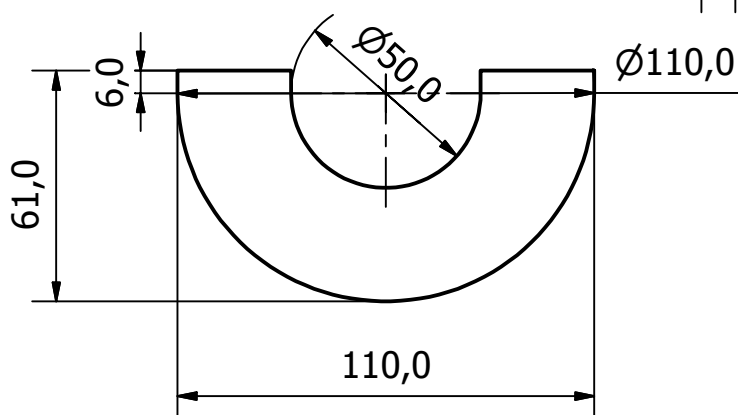
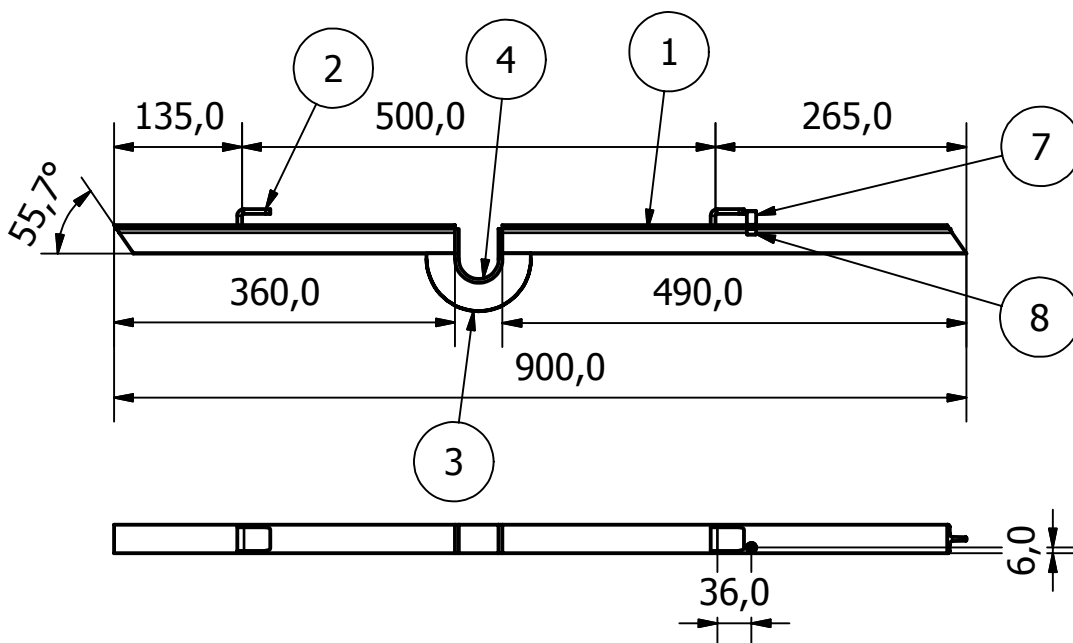
Hegnspæl nedad ( 1:8 )



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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				26-09-2019	



#	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	

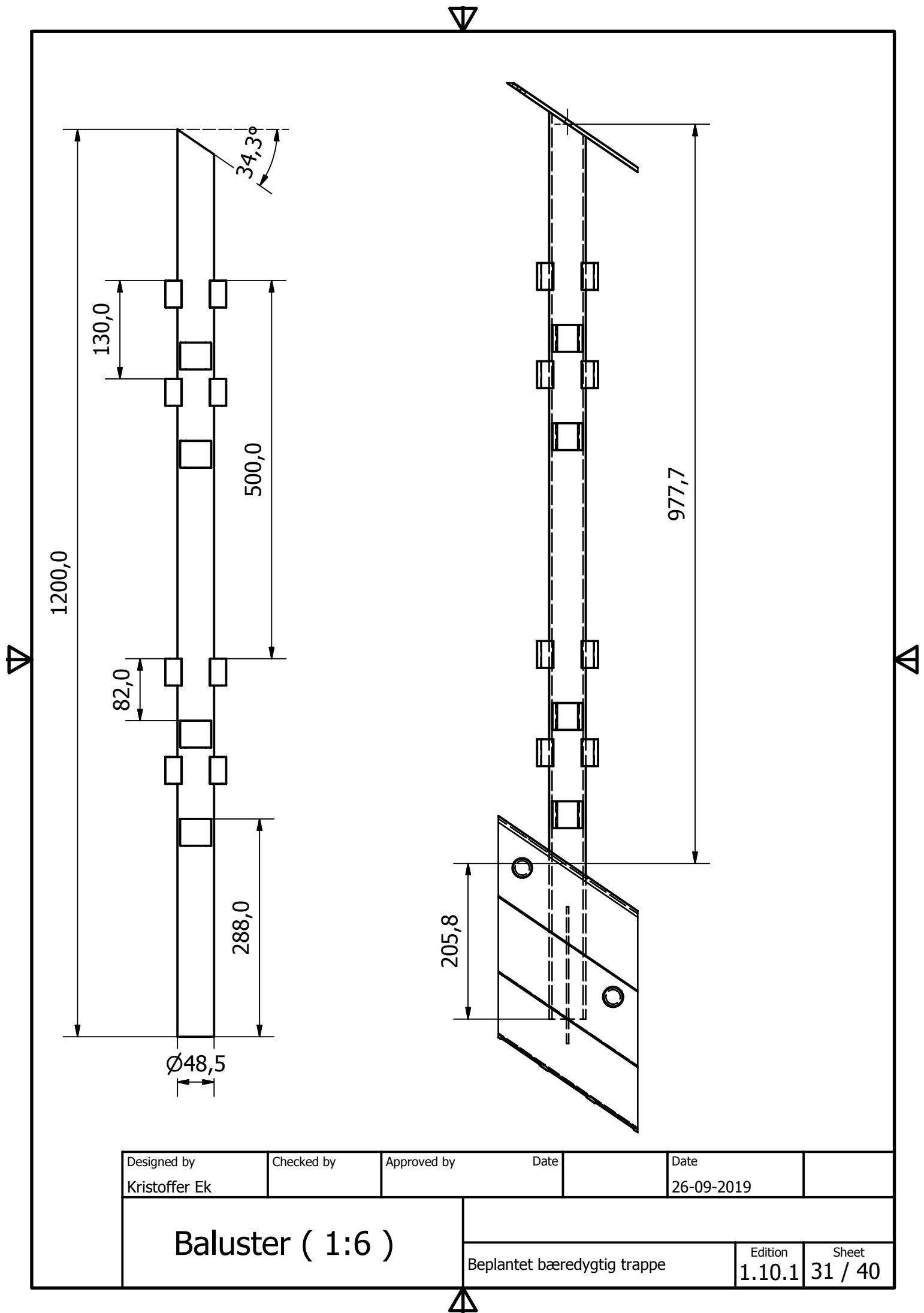
Designed by Kristoffer Ek	Checked by	Approved by	Date	Date 26-09-2019	
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Hegnspæl platform ( 1:8 )

Beplantet bæredygtig trappe

Edition  
1.10.1

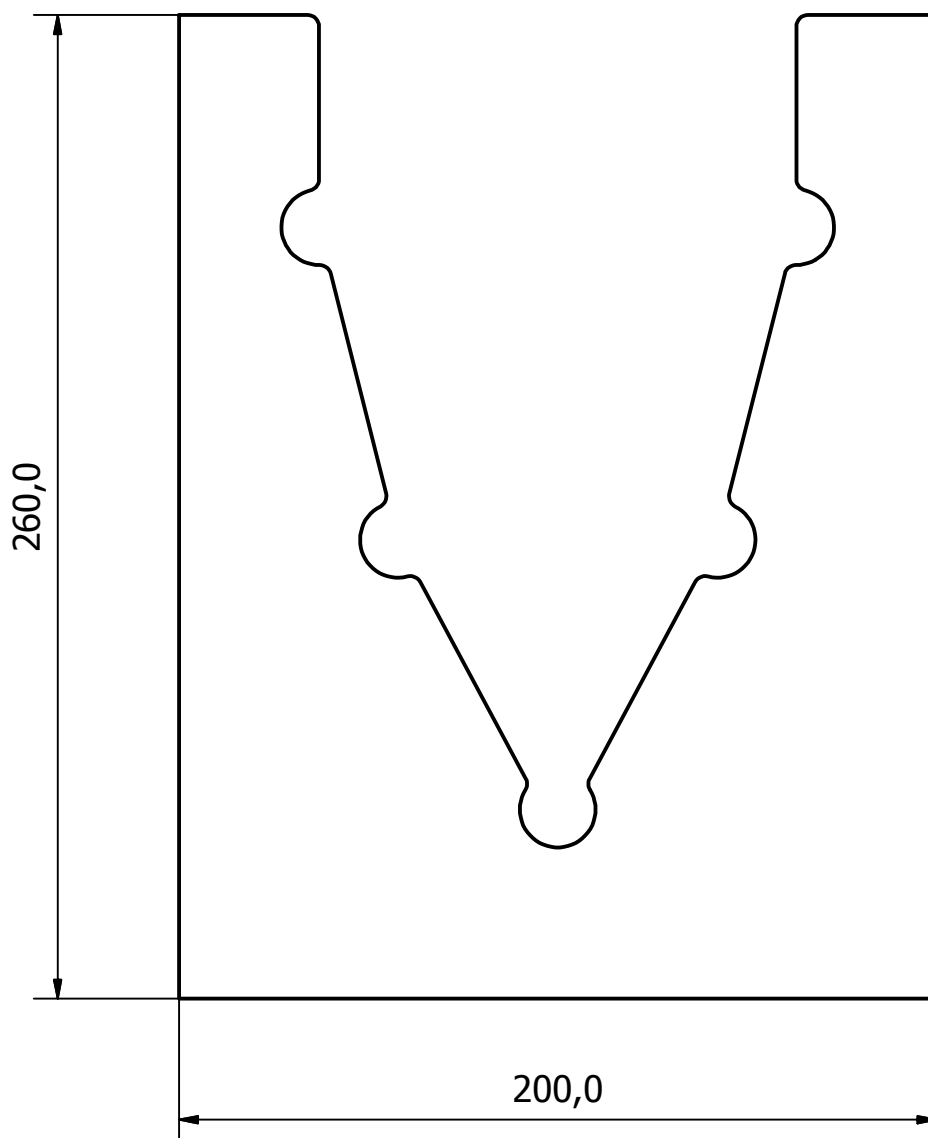
Sheet  
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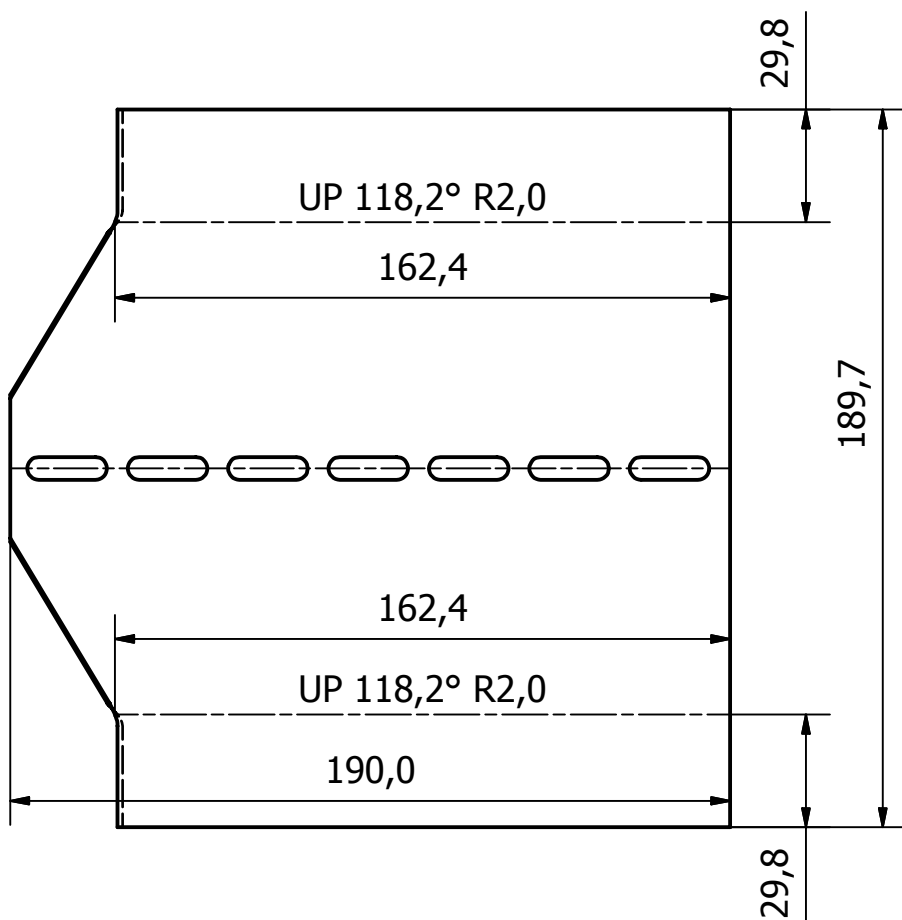
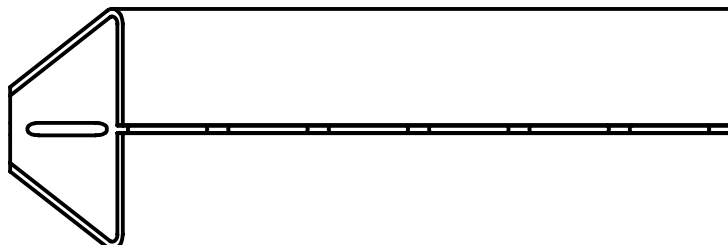
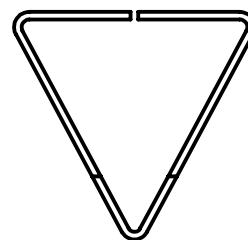
Designed by Kristoffer Ek	Checked by	Approved by	Date	Date 26-09-2019	
Baluster ( 1:6 )			Beplantet bæredygtig trappe		
			Edition 1.10.1	Sheet 31 / 40	



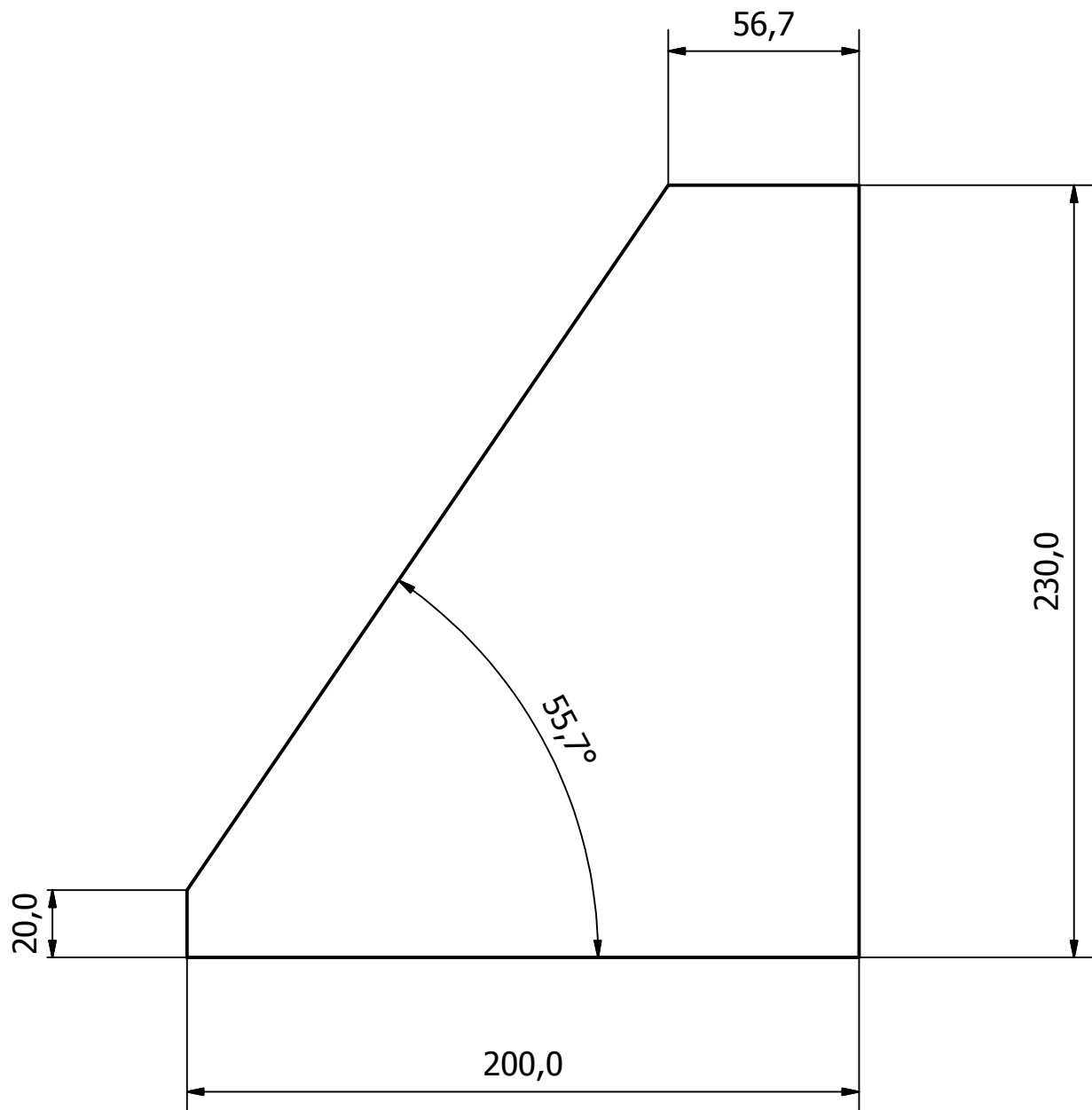




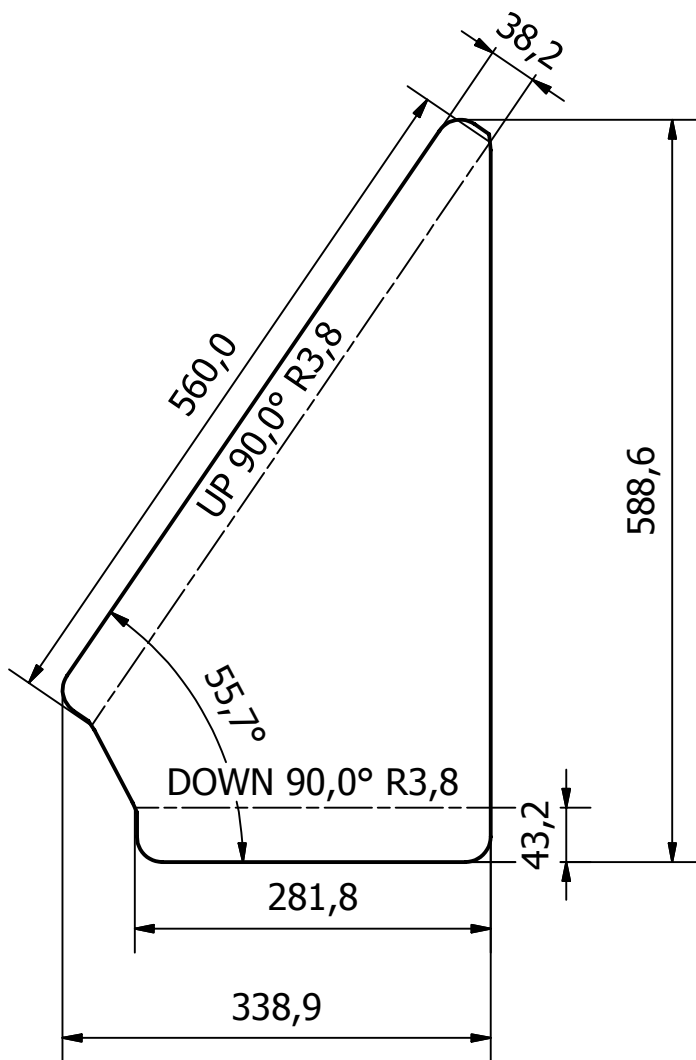
Betegnelse		Materiale		Noter	
svejselære 1		Generic		3 mm plade	
Designed by Kristoffer Ek	Checked by	Approved by		Date 26-09-2019	
Svejselære 1 ( 1 : 2 )					
		Beplantet bæredygtig trappe		Edition 1.10.1	Sheet 33 / 40



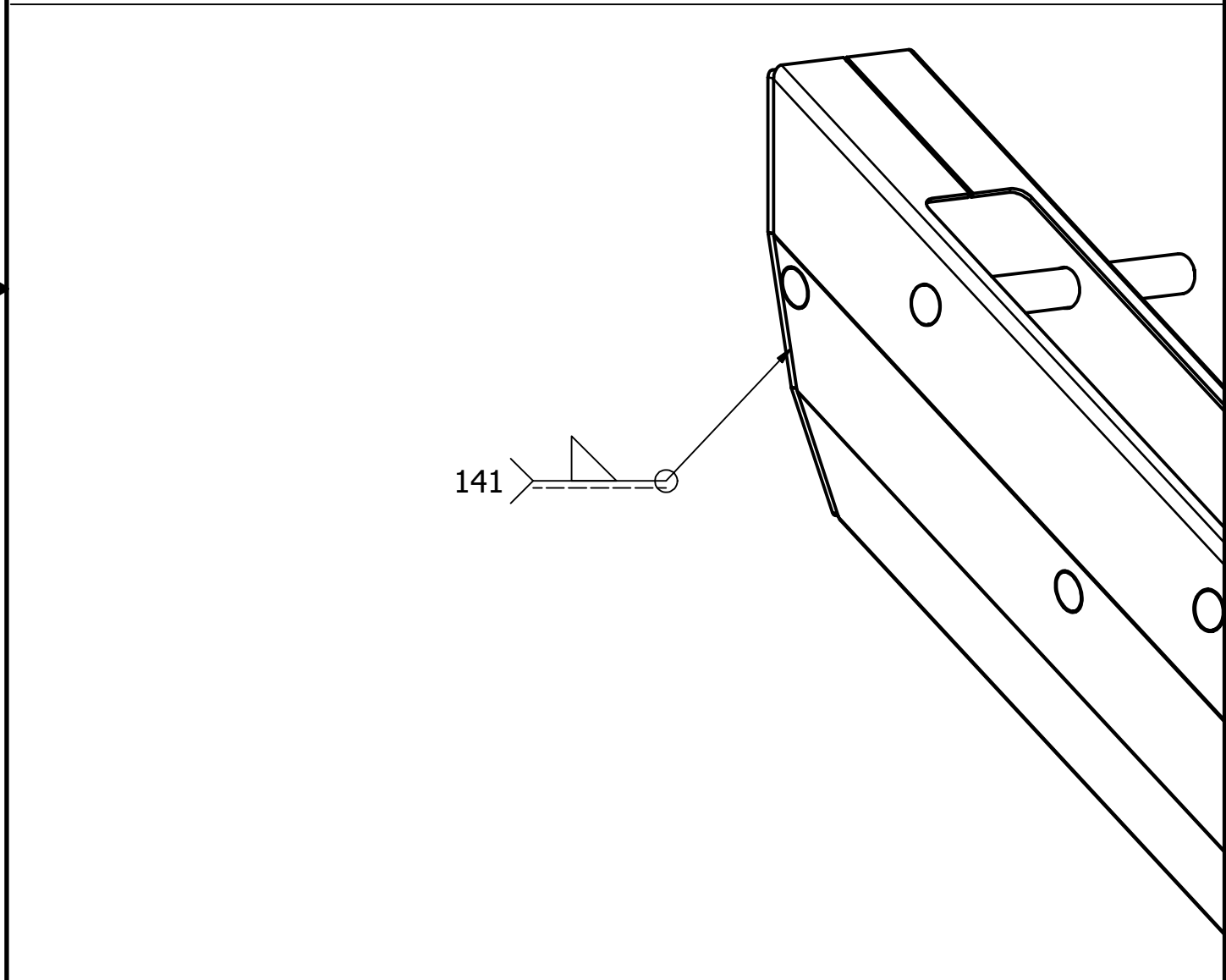
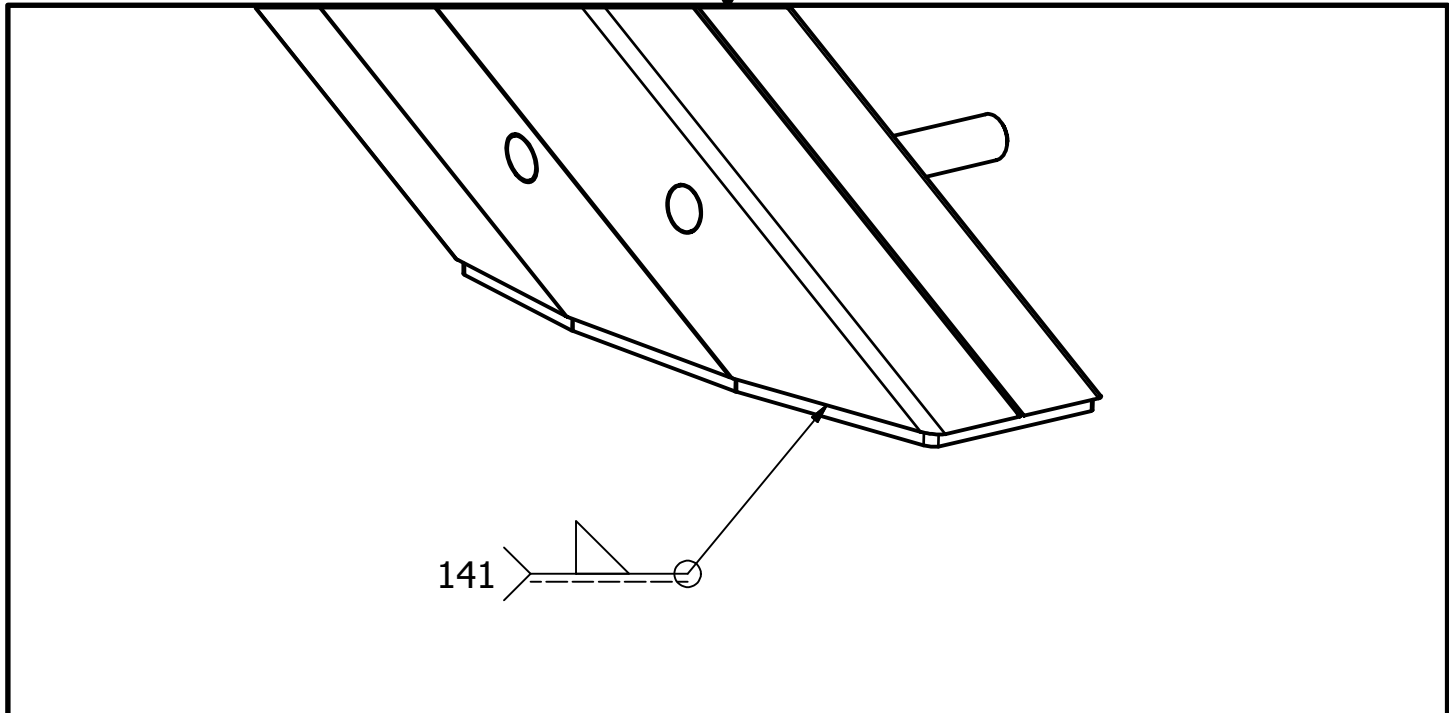
Betegnelse		Materiale		Noter	
svejselære 2 del 1		Generic			
Designed by	Checked by	Approved by	Date	Date	
Kristoffer Ek				26-09-2019	
Svejselære 2 ( 1 : 2 )					
		Beplantet bæredygtig trappe		Edition 1.10.1	Sheet 34 / 40



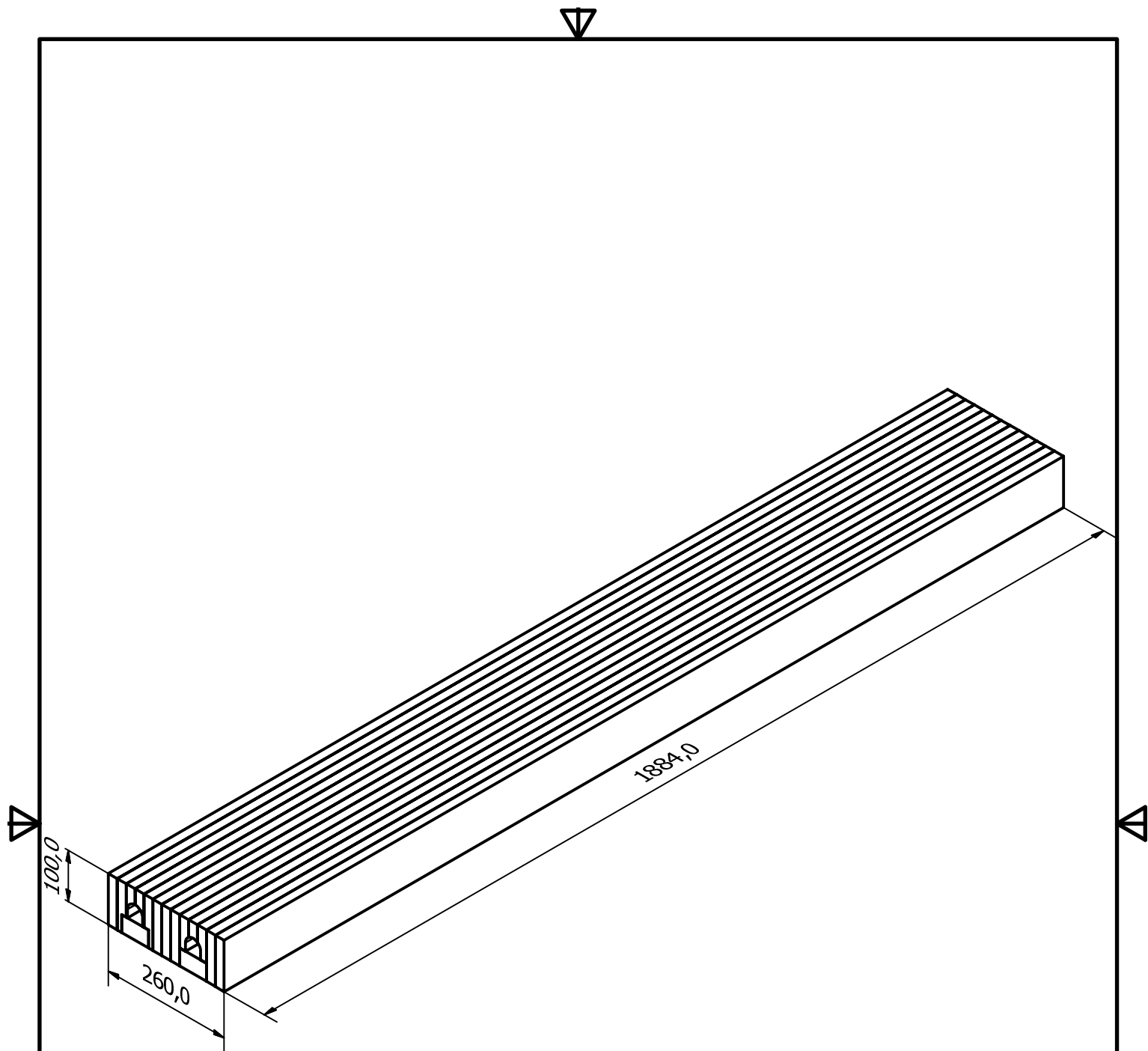
Betegnelse		Materiale		Noter	
svejselære 2 del 2		Generic		2 mm	
Designed by Kristoffer Ek	Checked by	Approved by		Date 26-09-2019	
Svejselære 2 ( 1 : 2 )					
		Beplantet bæredygtig trappe		Edition 1.10.1	Sheet 35 / 40



Betegnelse		Materiale		Noter	
svejselære 3		Generic		3 mm plade	
Designed by	Checked by	Approved by	Date	Date	
Kristoffer Ek				26-09-2019	
Svejselære 3 ( 1:6 )					
		Beplantet bæredygtig trappe		Edition	Sheet
				1.10.1	36 / 40



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Svejsning af vange-endeplade ( 1:4 )							
			Beplantet bæredygtig trappe		Edition 1.10.1	Sheet 37 / 40	



Se side 39 for detaljer af profil

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Trin ( 1 : 9 )			Beplantet bæredygtig trappe			
					Edition 1.10.1	Sheet 38 / 40

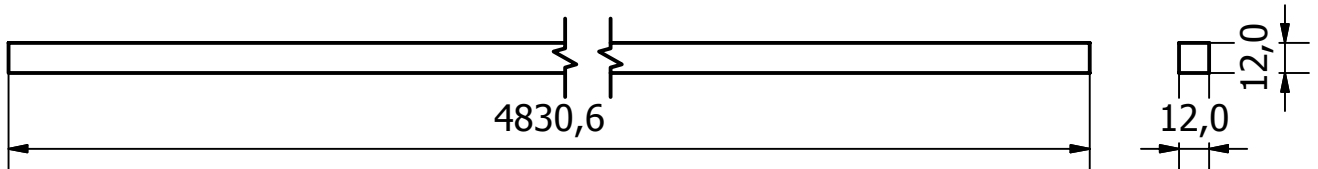
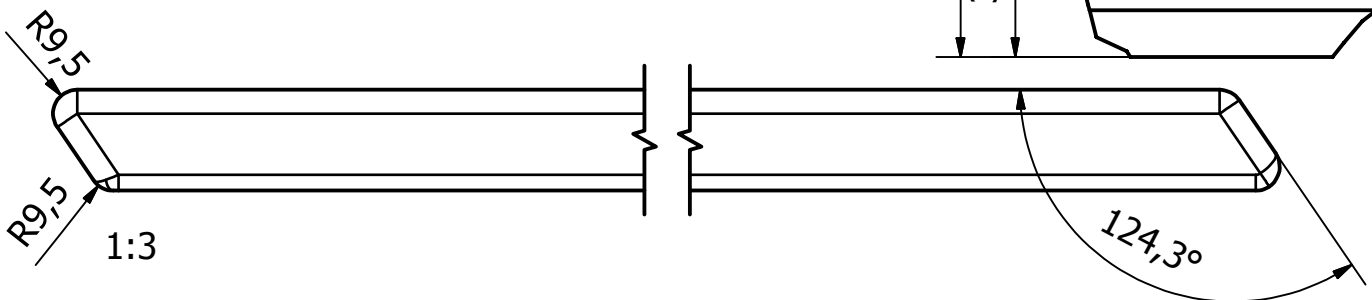
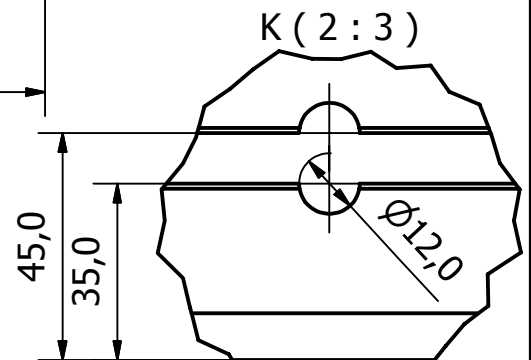
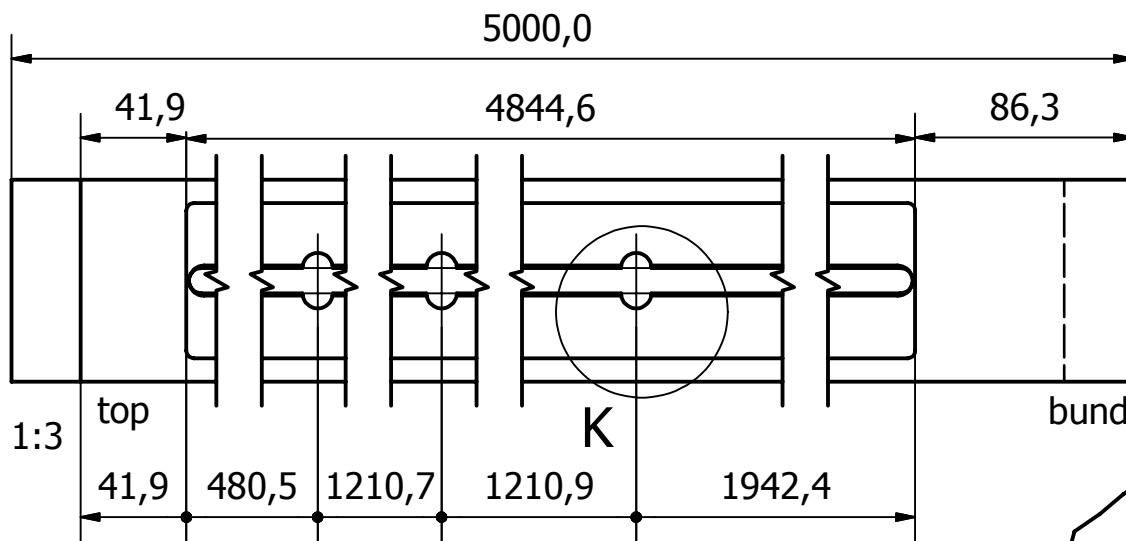
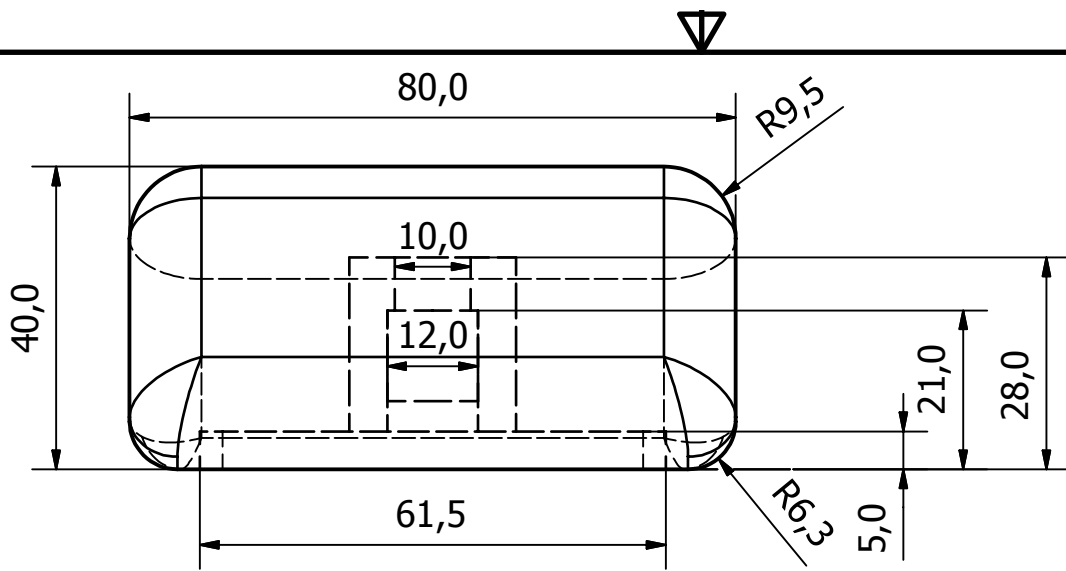
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LED-liste ( 1:3 )

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				26-09-2019	
Træhåndfang( 1:1 )					
			Beplantet bæredygtig trappe	Edition 1.10.1	Sheet 40 / 40