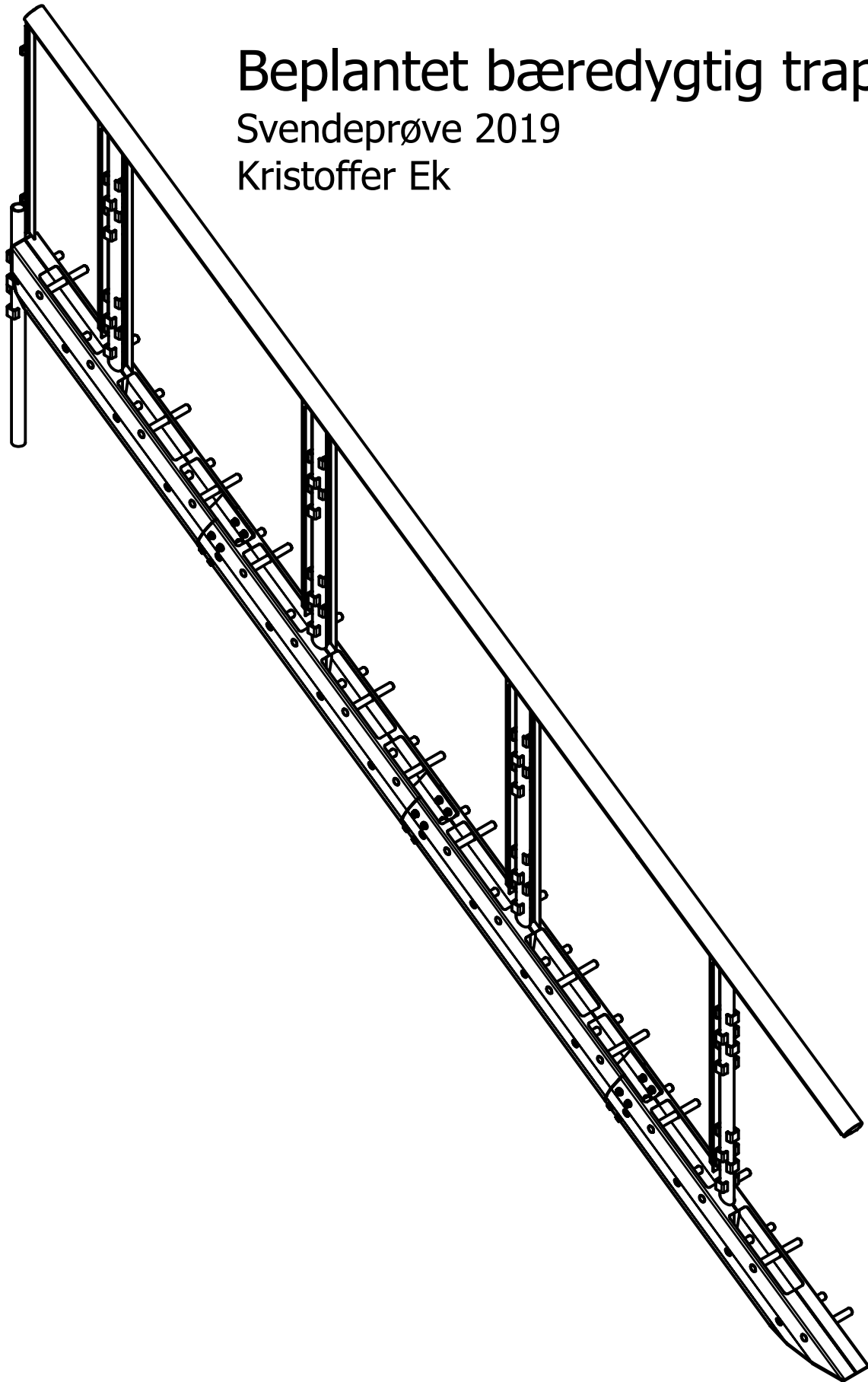


Beplantet bæredygtig trappe

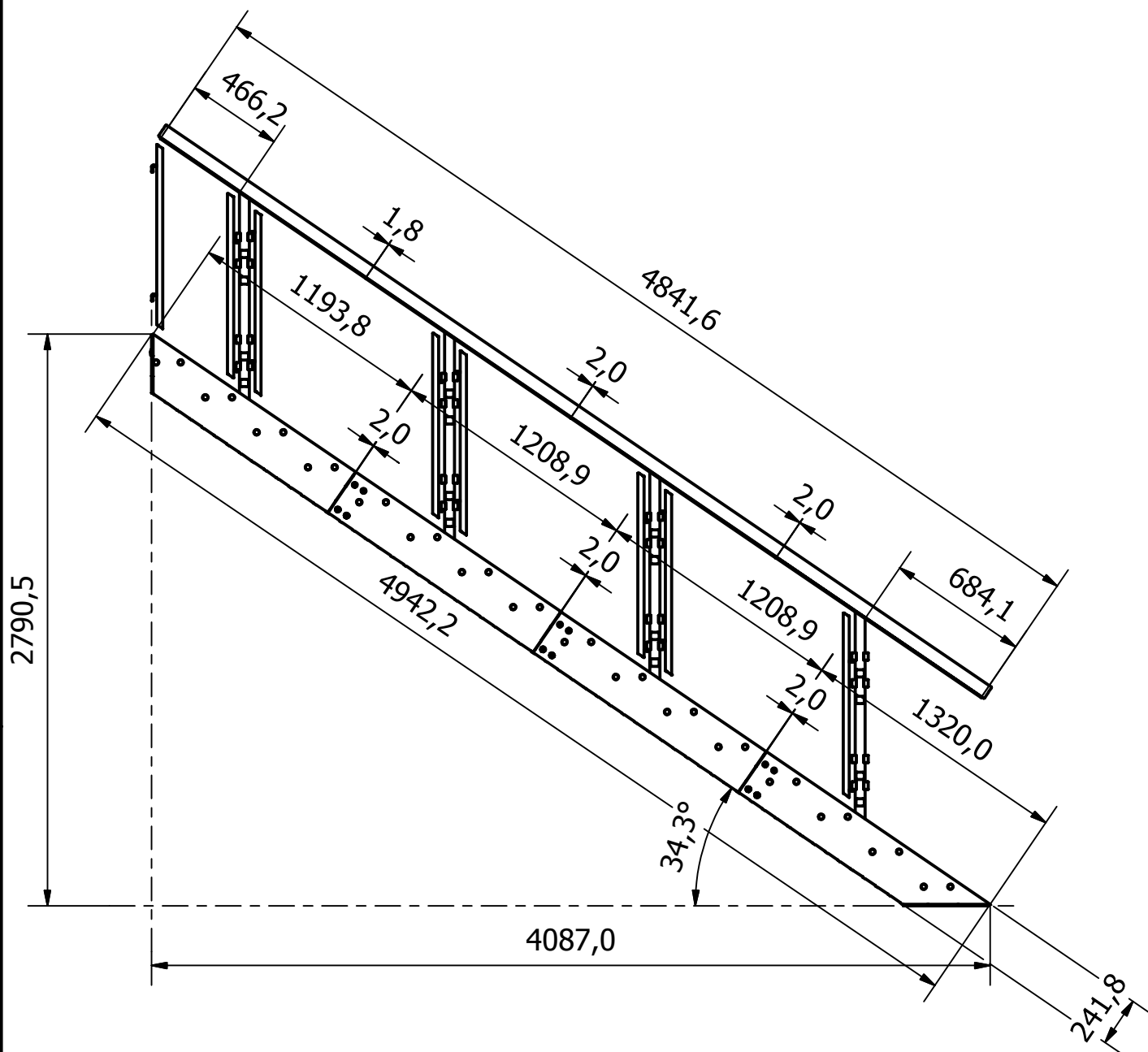
Svendeprøve 2019

Kristoffer Ek

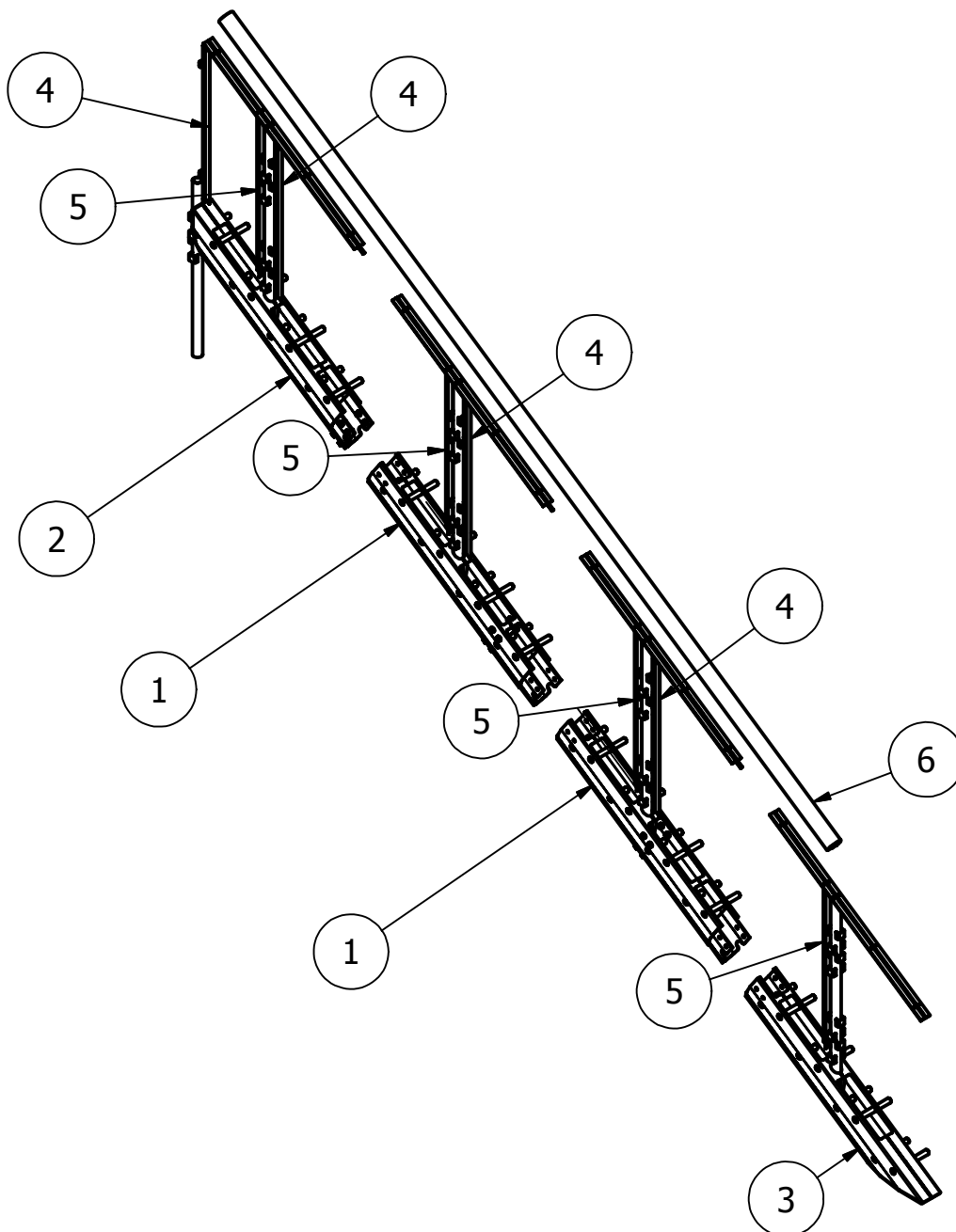


Designed by Kristoffer Ek	Checked by	Approved by	Date		Date	26-09-2019	
				Beplantet bæredygtig trappe		Edition 1.9.3	Sheet 1 / 38

Overordnede mål (1:30)



Designed by Kristoffer Ek	Checked by	Approved by	Date	Date 26-09-2019	
			Bepantet bæredygtig trappe	Edition 1.9.3	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	4	Hegnspæl		Side 29
5	4	Hegnspæl omvendt		Side 29
6	1	Træhåndfang	Wood (Birch)	
8	48	ISO 7089 - 12		
10	24	ISO 4032 - M12		
11	24	ISO 4017 - M12 x 30		

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Date

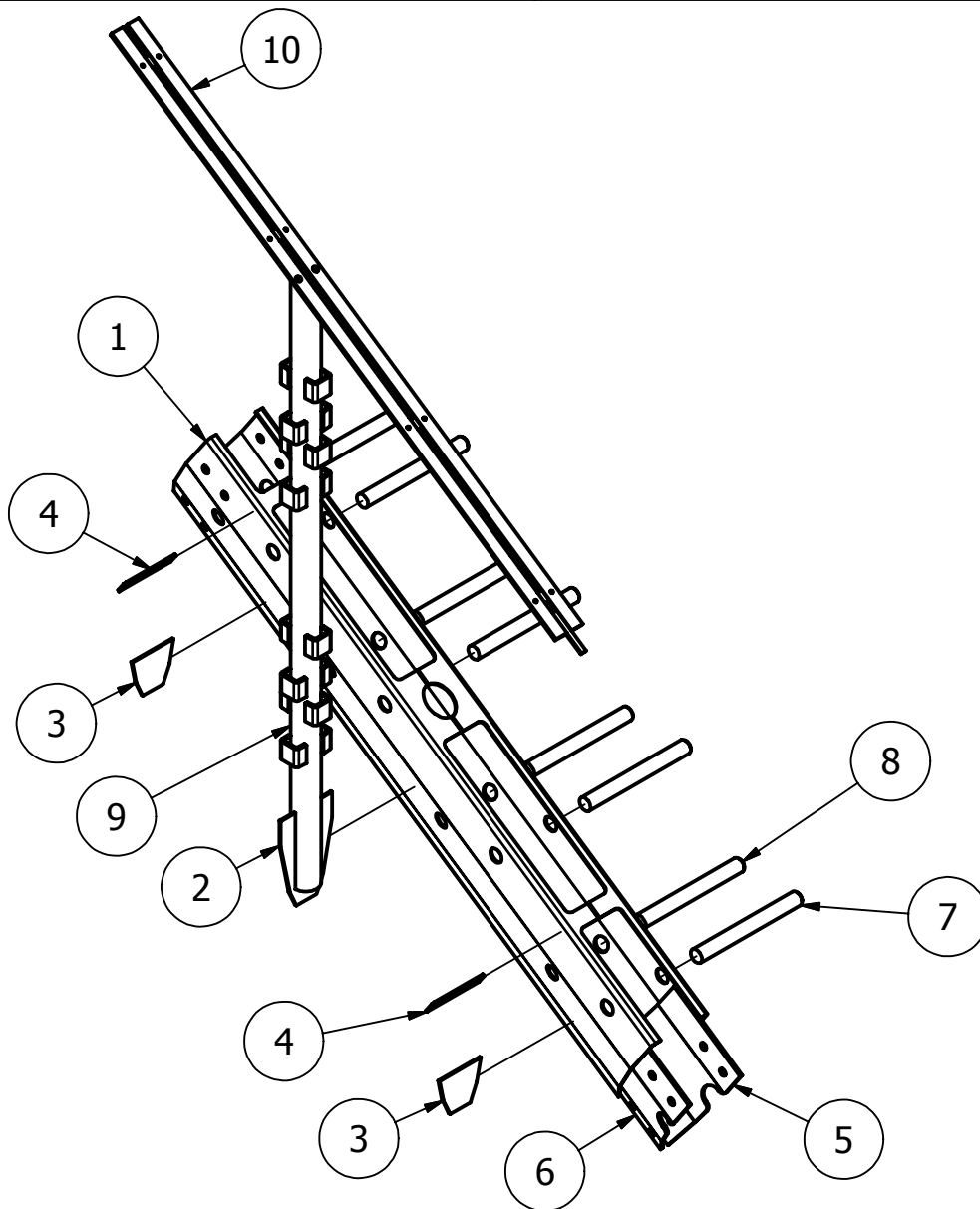
Date

26-09-2019

Beplantet bæredygtig trappe

Edition
1.9.3

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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

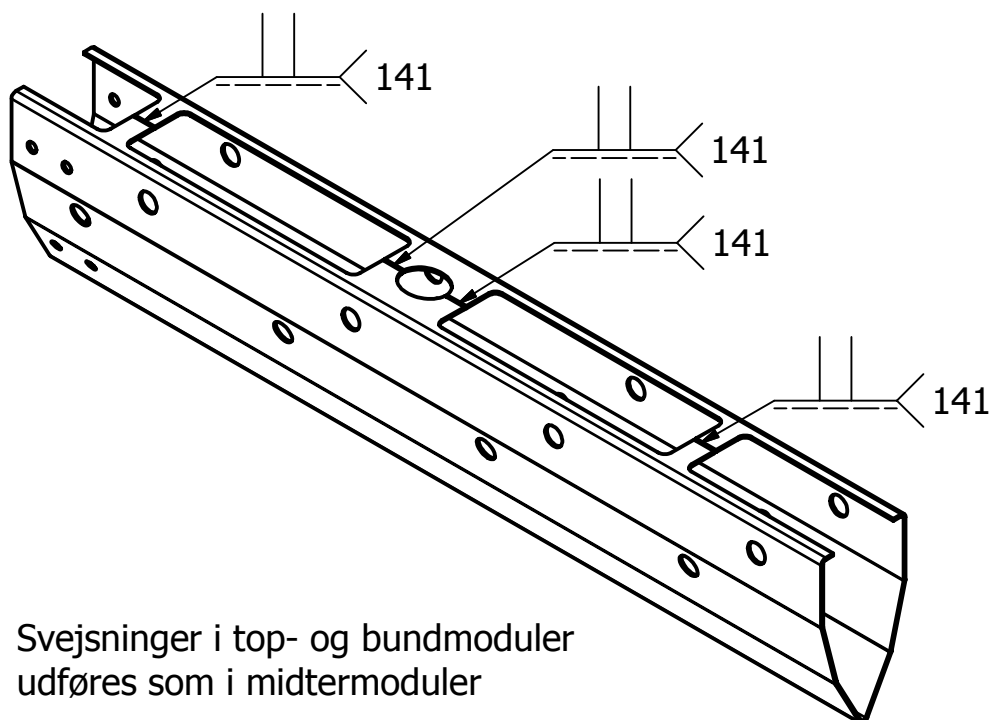
26-09-2019

Modul

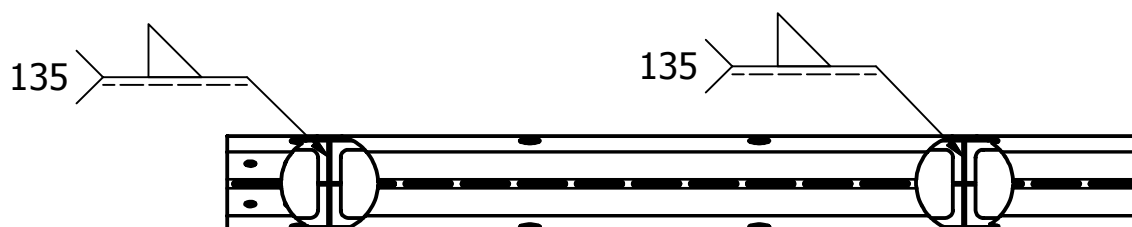
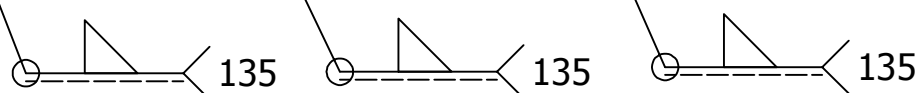
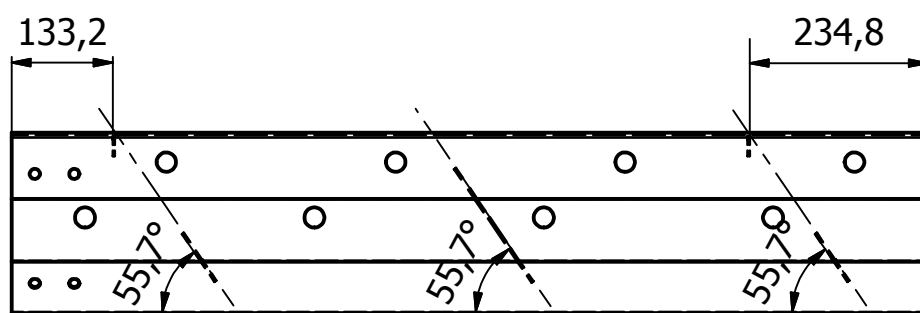
Beplantet bæredygtig trappe

Edition
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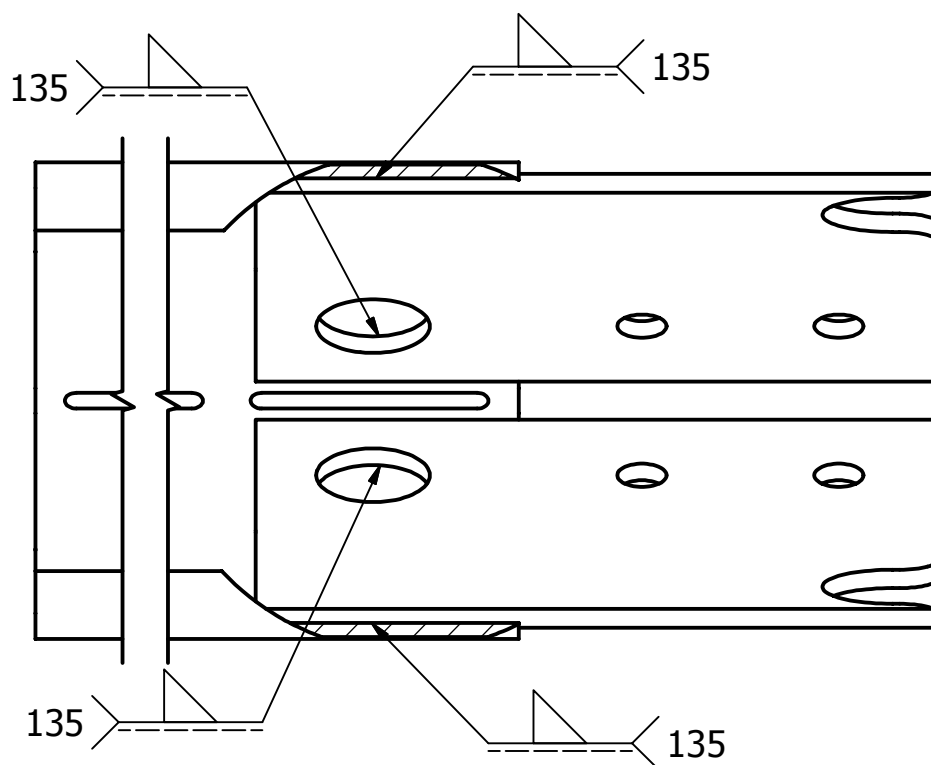


Svejsninger i top- og bundmoduler
udføres som i midtermoduler



Designed by Kristoffer Ek	Checked by	Approved by	Date	Date 26-09-2019	
Svejsninger skot			Beplantet bæredygtig trappe		
				Edition 1.9.3	Sheet 5 / 38

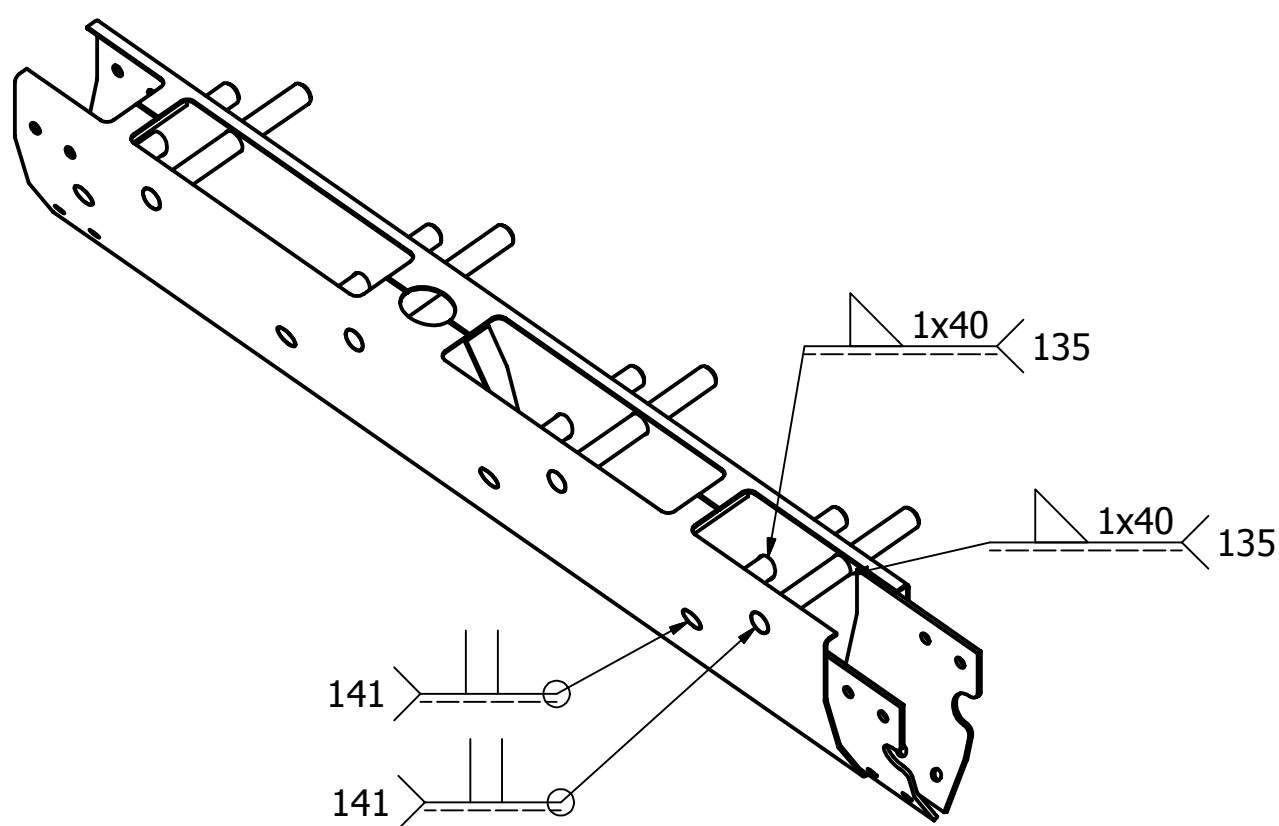
Svejsninger i topmoduler
udføres som i midtermoduler



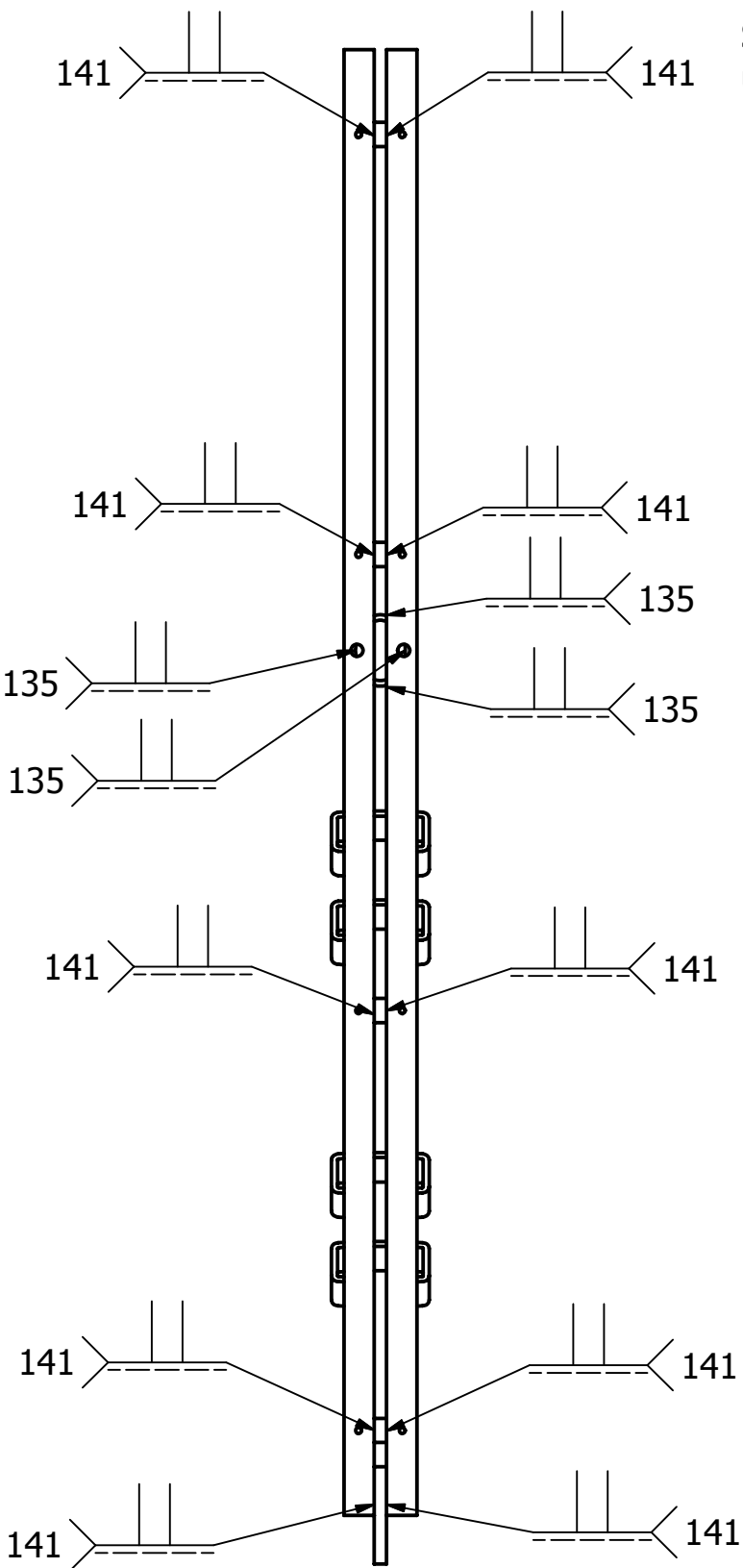
Placering af lasker sker ved at montere lasker
med skruer på nabomodul adskilt af 2 mm spalte
mellem moduler

Designed by Kristoffer Ek	Checked by	Approved by	Date	Date 26-09-2019	
Svejsninger af lasker					
			Beplantet bæredygtig trappe	Edition 1.9.3	Sheet 6 / 38

Svejsninger i top- og bundmoduler
udføres som i midtermoduler



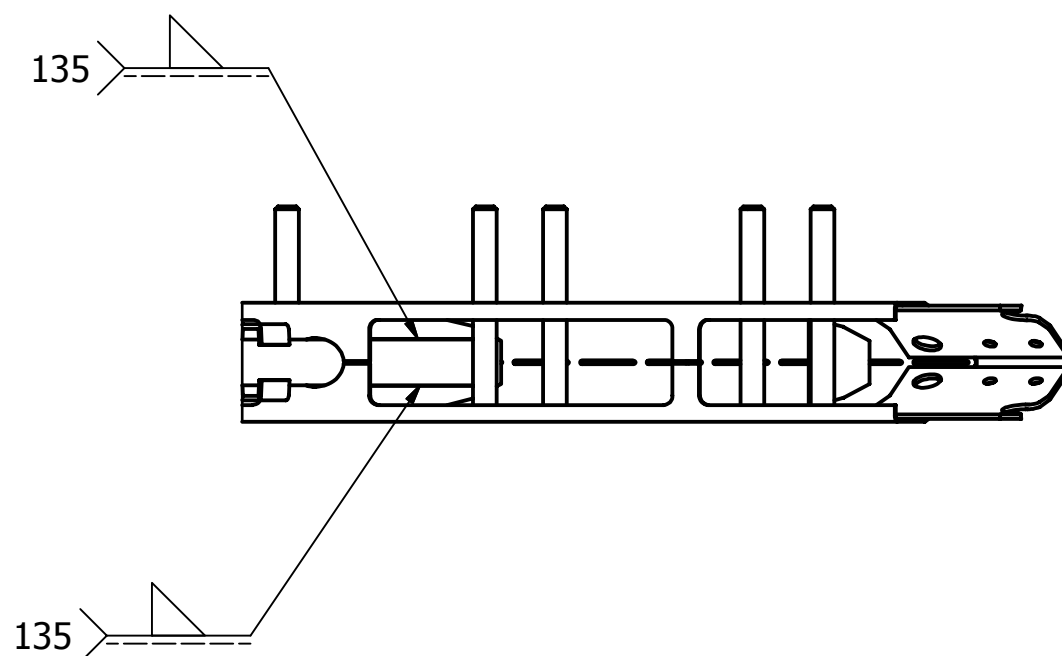
Designed by Kristoffer Ek	Checked by	Approved by	Date		Date	
					26-09-2019	
Svejsning af stifter						
			Beplantet bæredygtig trappe	Edition 1.9.3	Sheet 7 / 38	



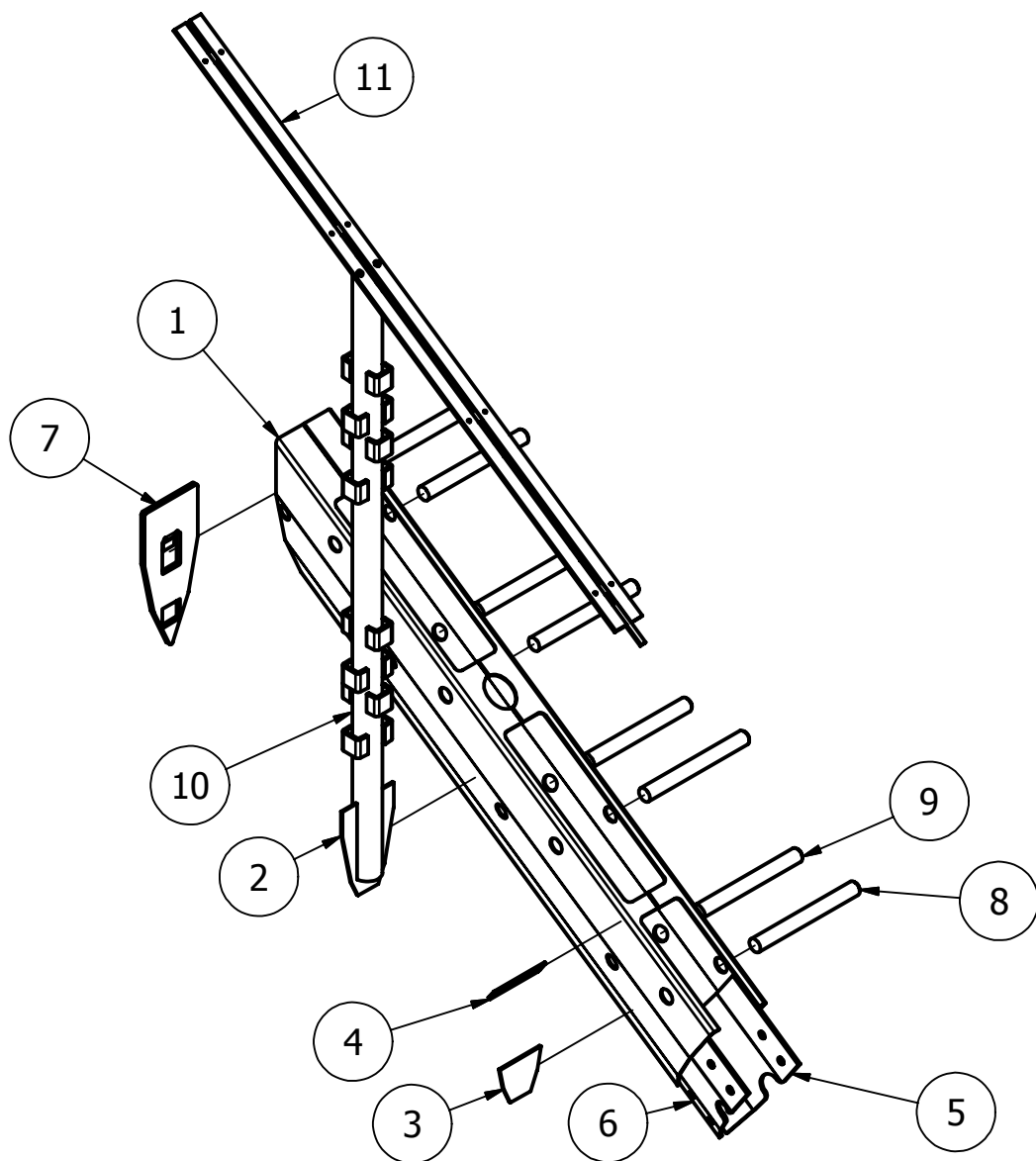
Svejsninger i top- og bundmoduler udføres som i midtermoduler

Designed by Kristoffer Ek	Checked by	Approved by	Date	Date 26-09-2019	
Svejsning af håndfang					
			Beplantet bæredygtig trappe	Edition 1.9.3	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 1.9.3	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

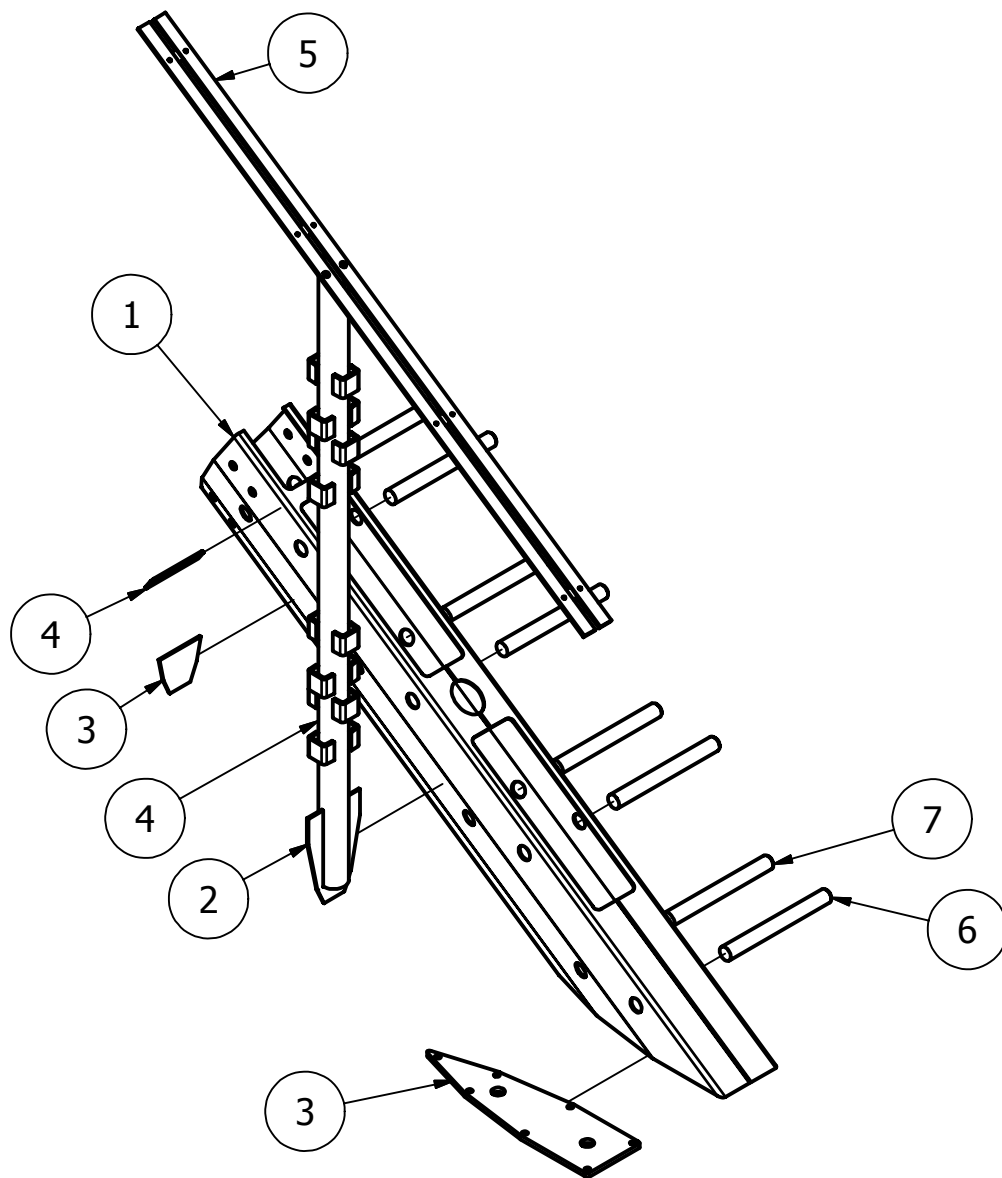
26-09-2019

Modul top

Beplantet bæredygtig trappe

Edition
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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

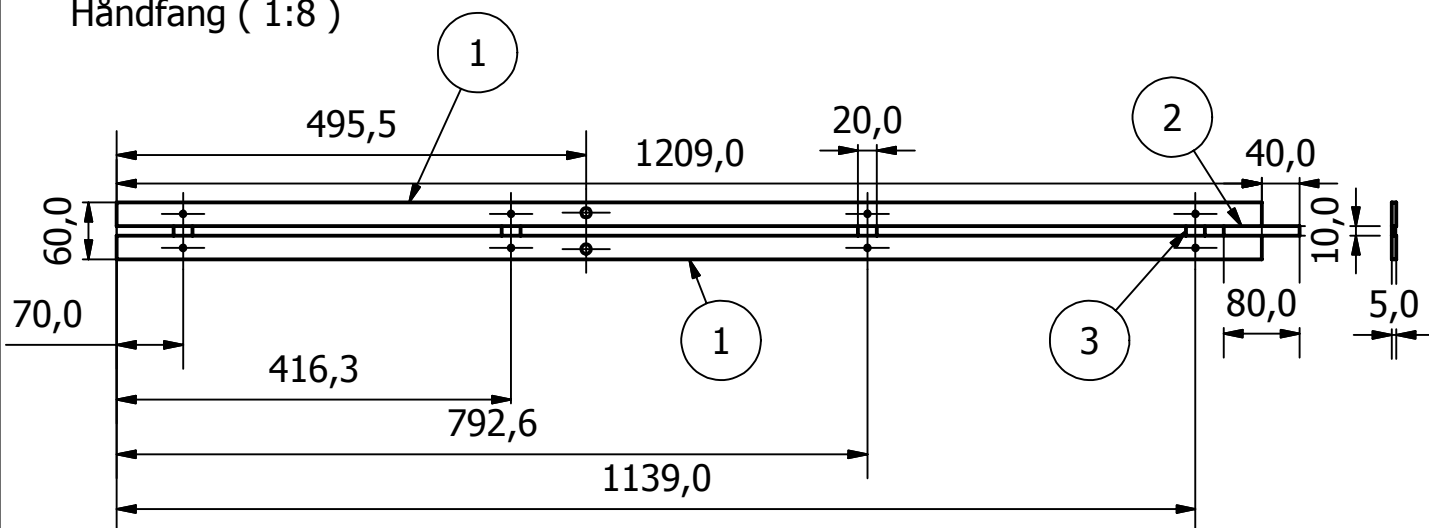
Beplantet bæredygtig trappe

Edition
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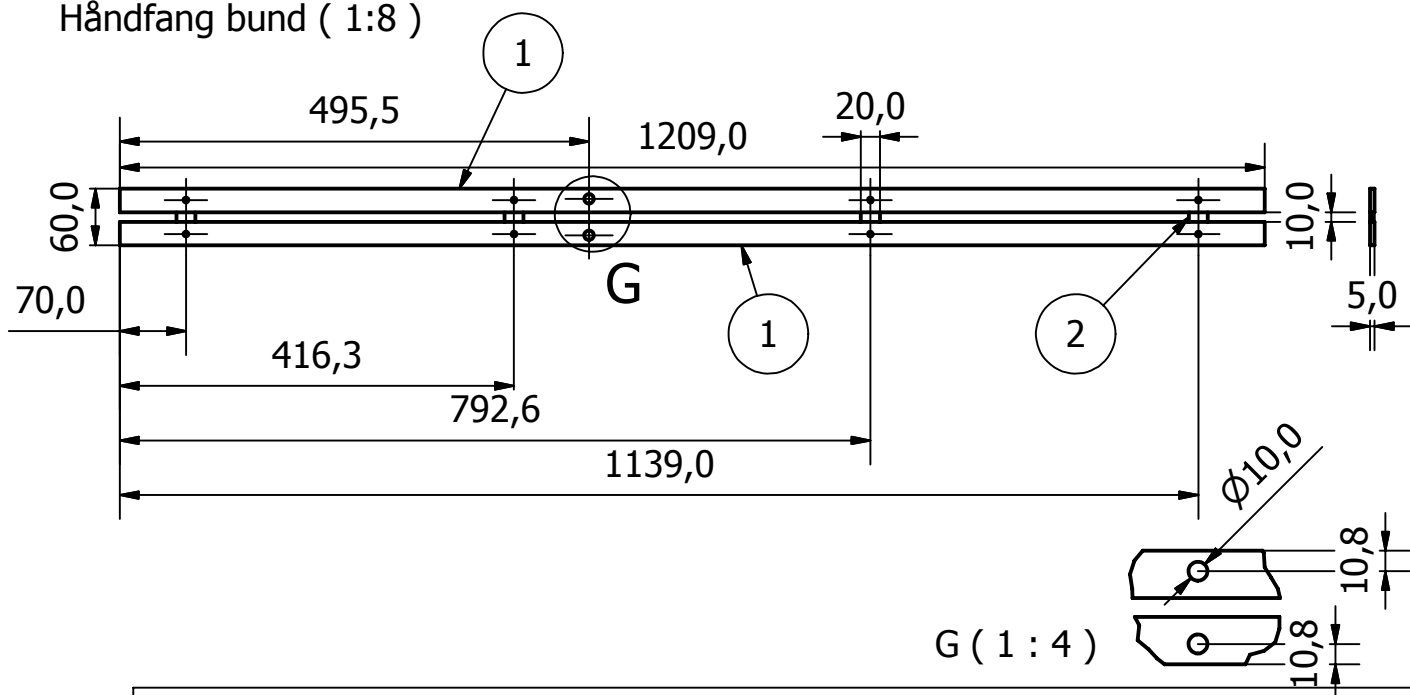
Håndfang (1:8)



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

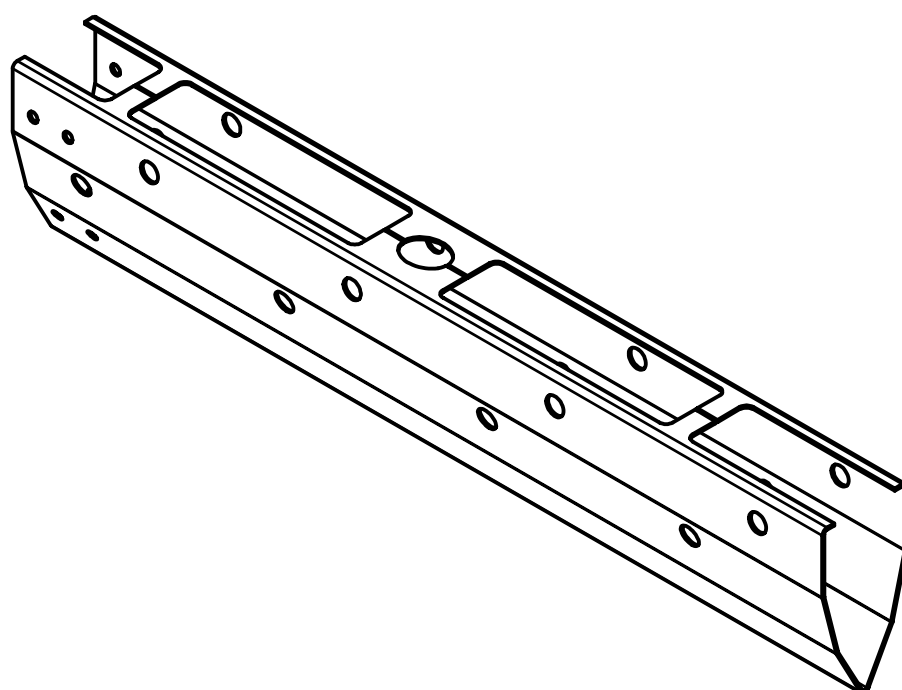
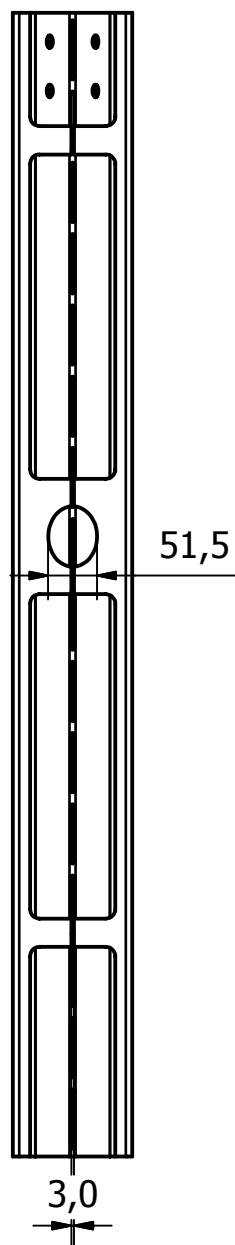
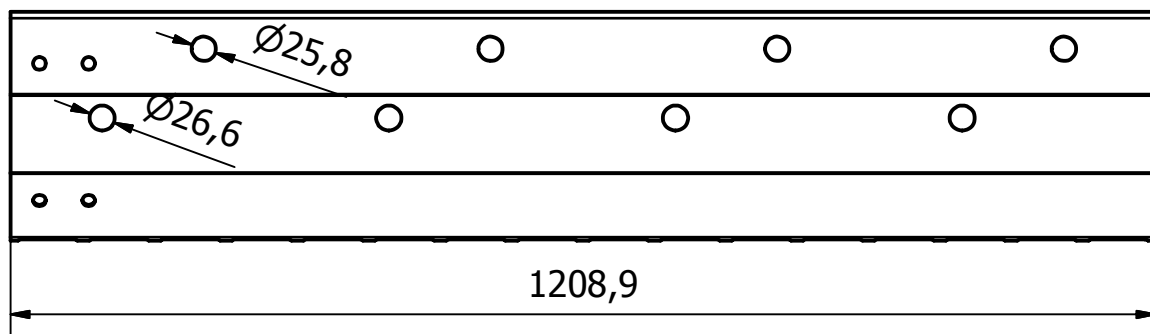
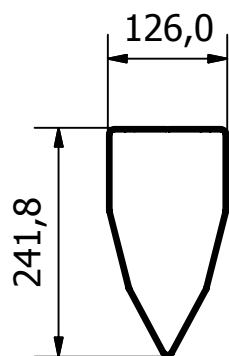
Date

26-09-2019

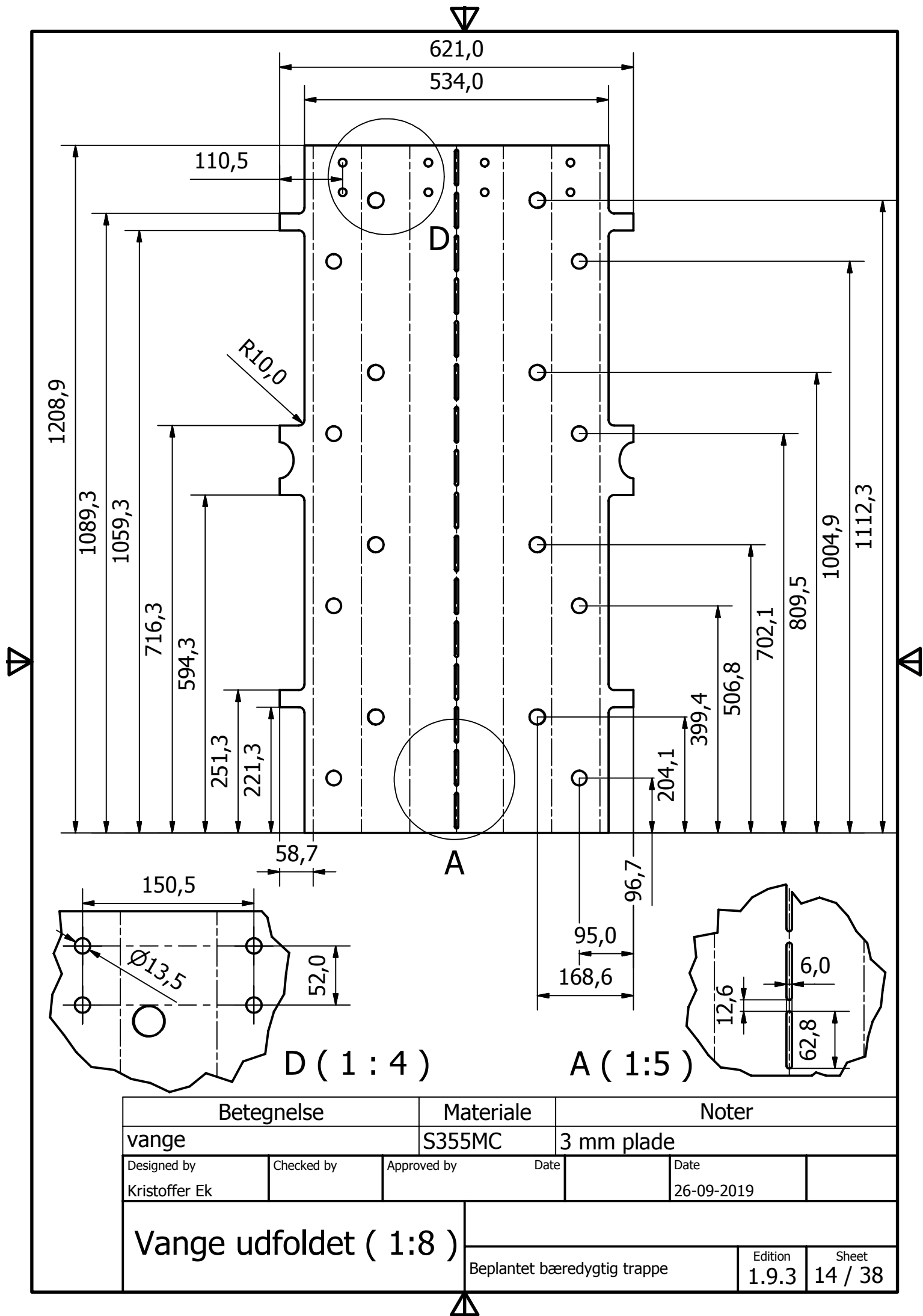
Håndfang

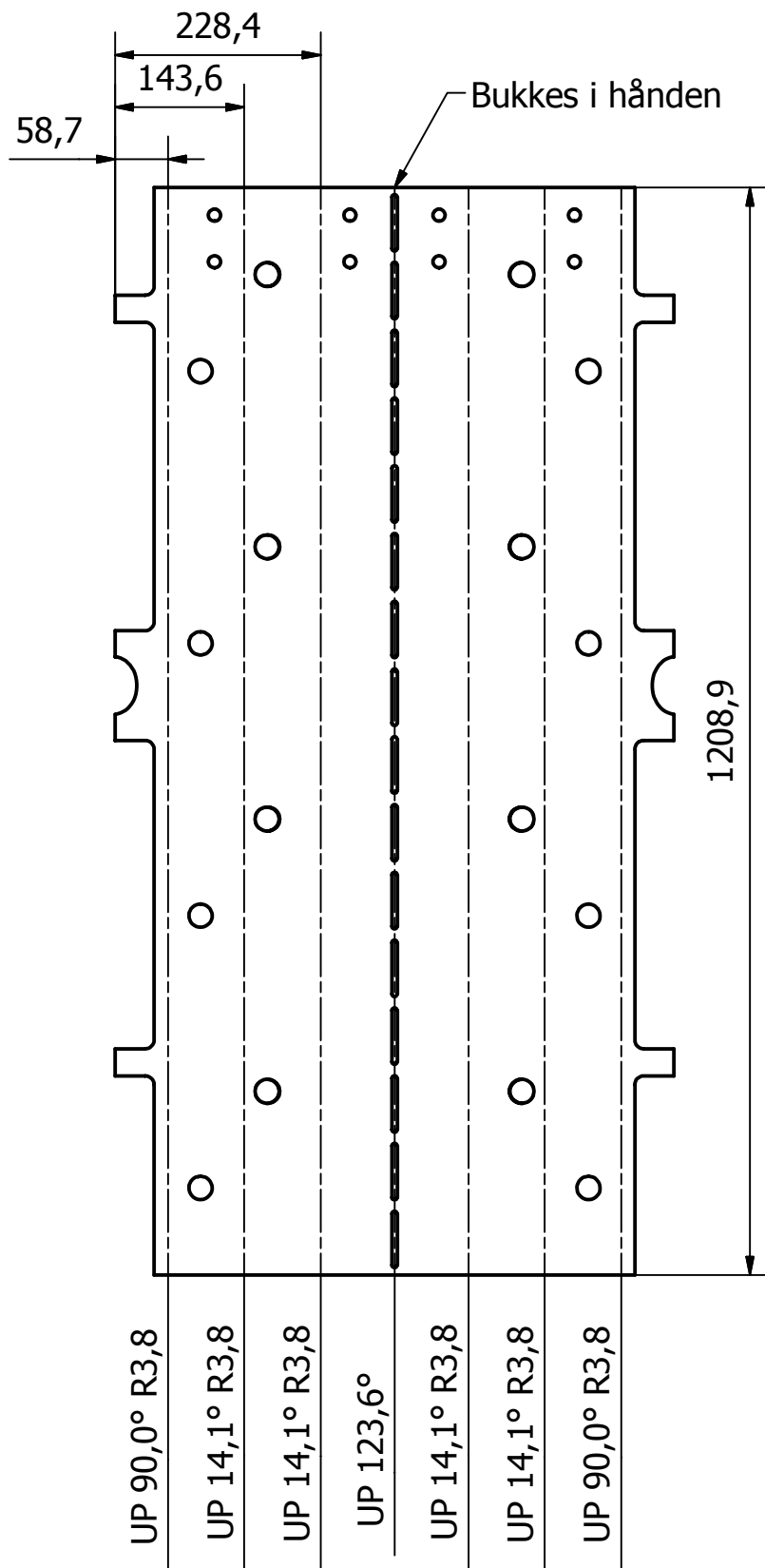
Beplantet bæredygtig trappe

Edition
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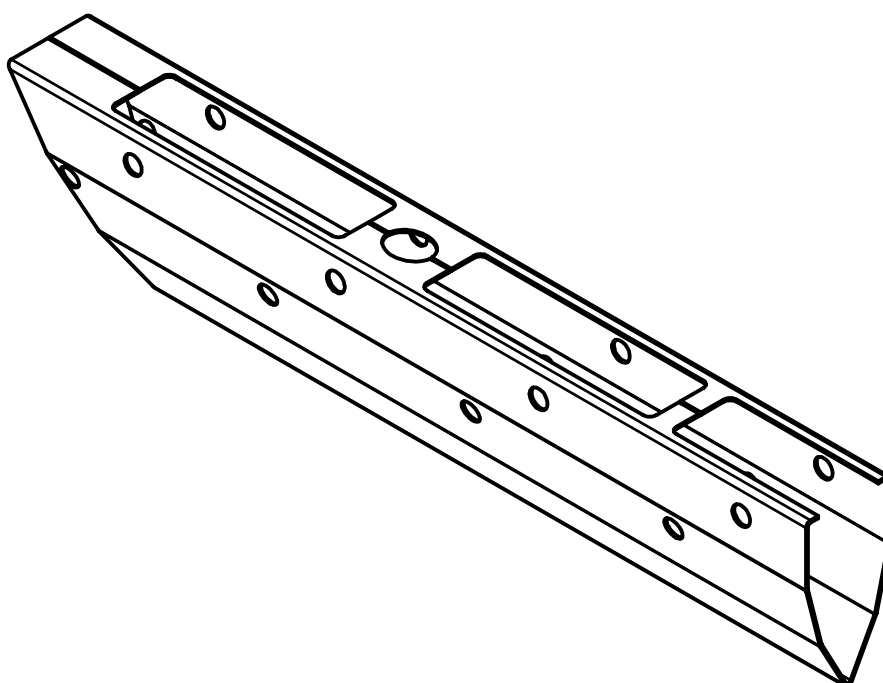
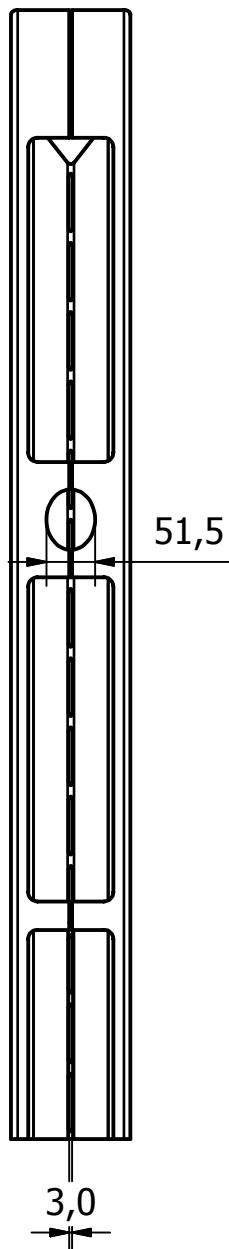
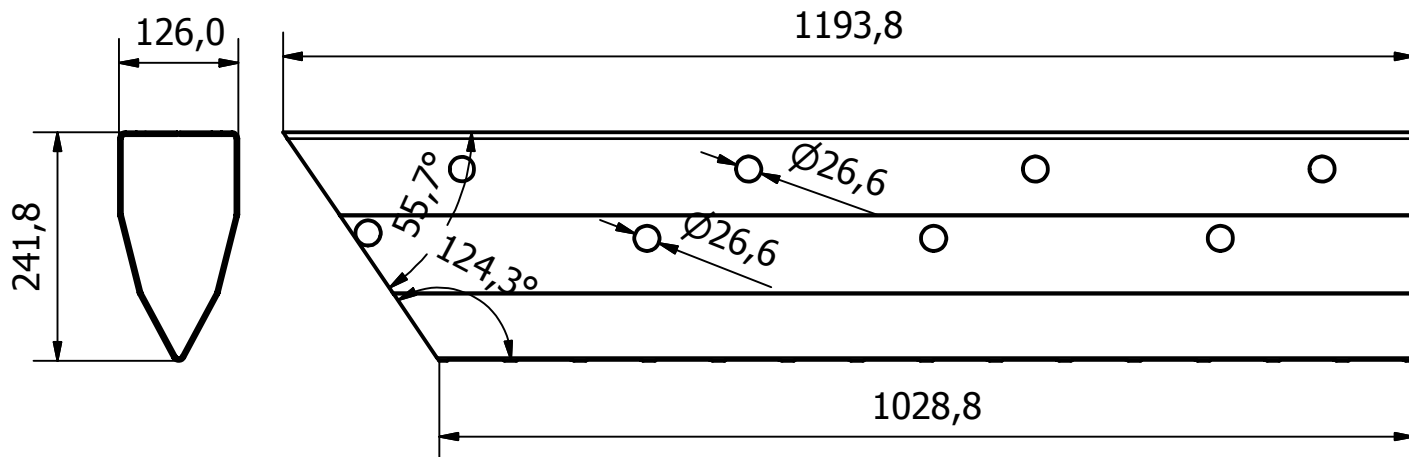


Betegnelse		Materiale		Noter	
vange		S355MC		3 mm plade	
Designed by	Checked by	Approved by		Date	
Kristoffer Ek				26-09-2019	
Vange (1:8)					
		Beplantet bæredygtig trappe		Edition 1.9.3	Sheet 13 / 38

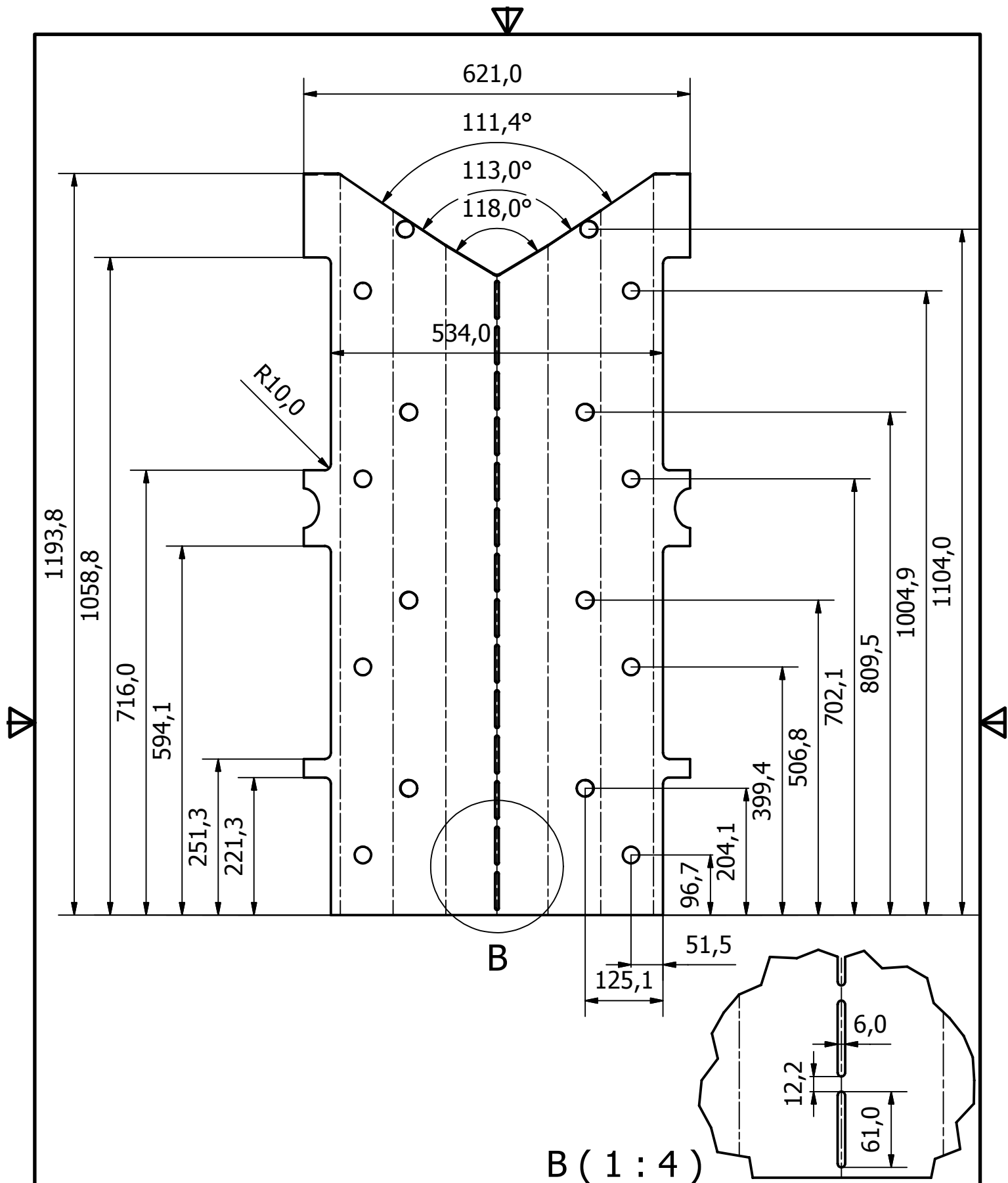




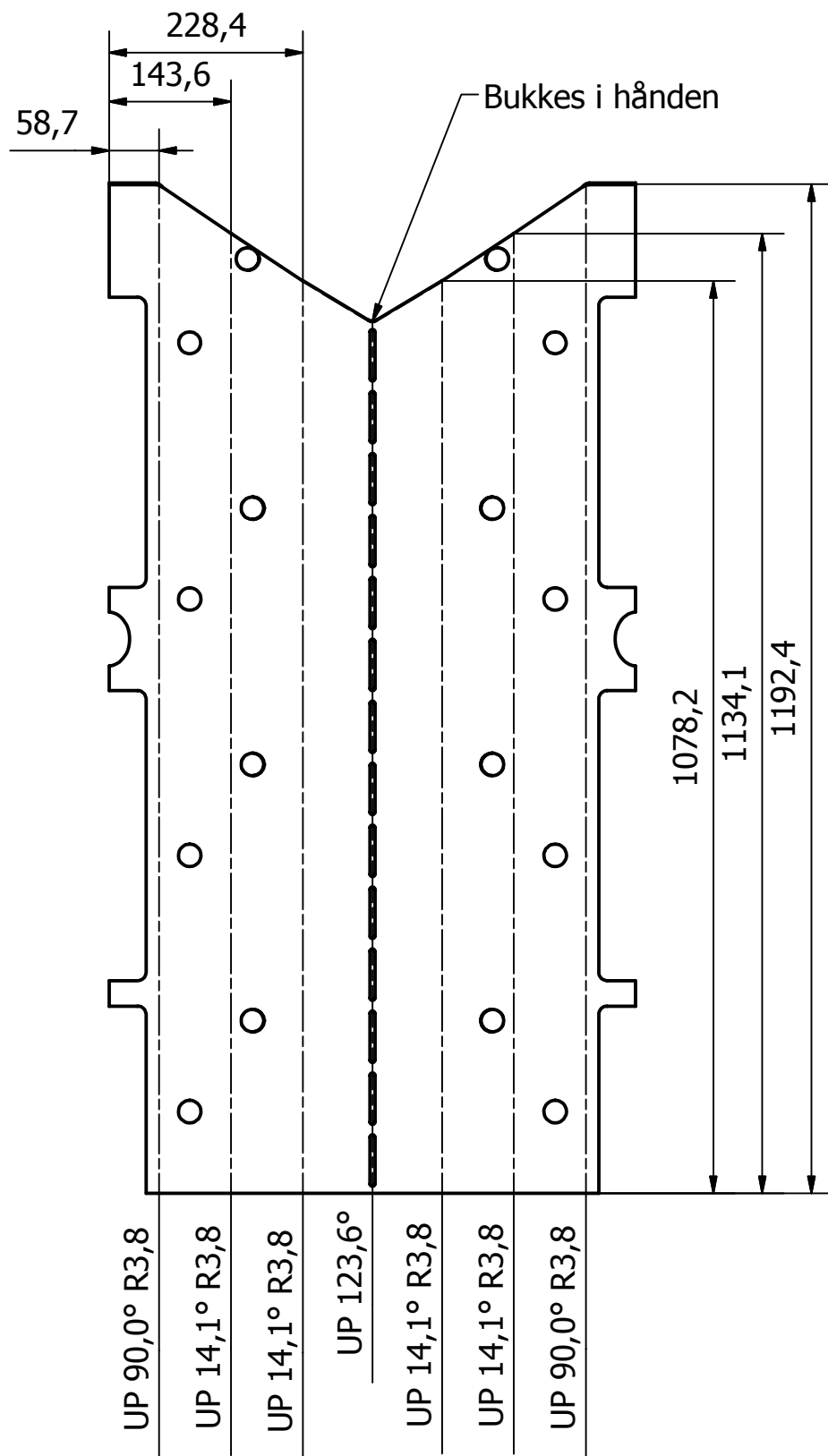
Betegnelse		Materiale		Noter	
vange		S355MC		3 mm plade	
Designed by	Checked by	Approved by		Date	
Kristoffer Ek				26-09-2019	
Vange buk (1:8)					
		Beplantet bæredygtig trappe		Edition 1.9.3	Sheet 15 / 38



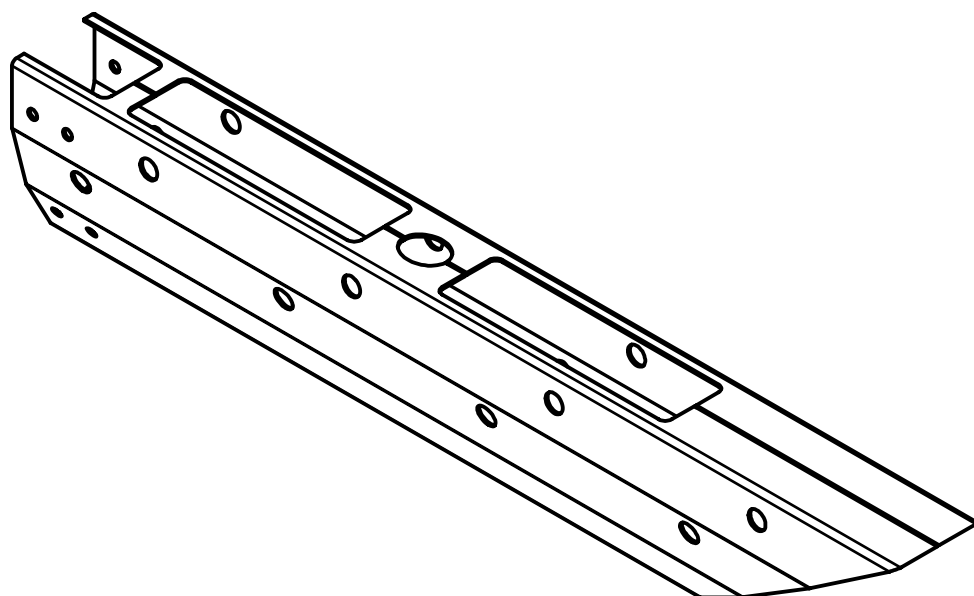
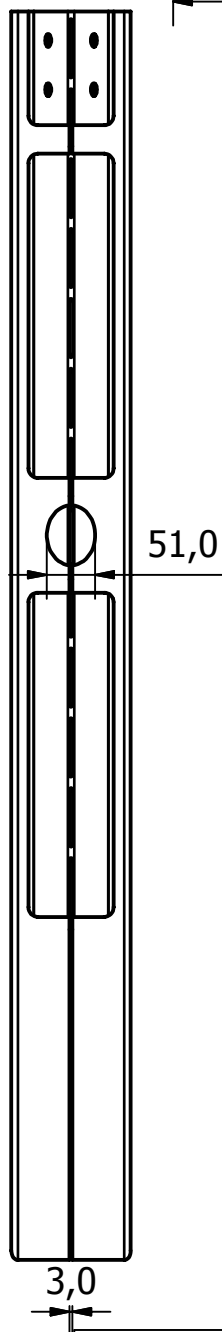
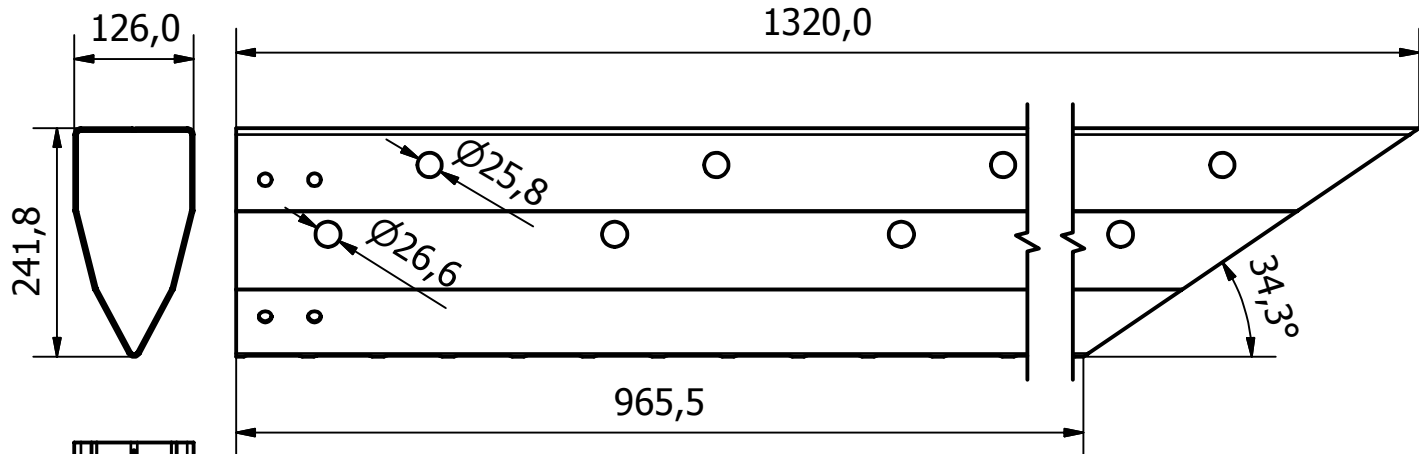
Betegnelse		Materiale		Noter	
vange top		S355MC		3 mm plade	
Designed by	Checked by	Approved by		Date	
Kristoffer Ek				26-09-2019	
Top-vange (1:8)					
		Beplantet bæredygtig trappe		Edition 1.9.3	Sheet 16 / 38



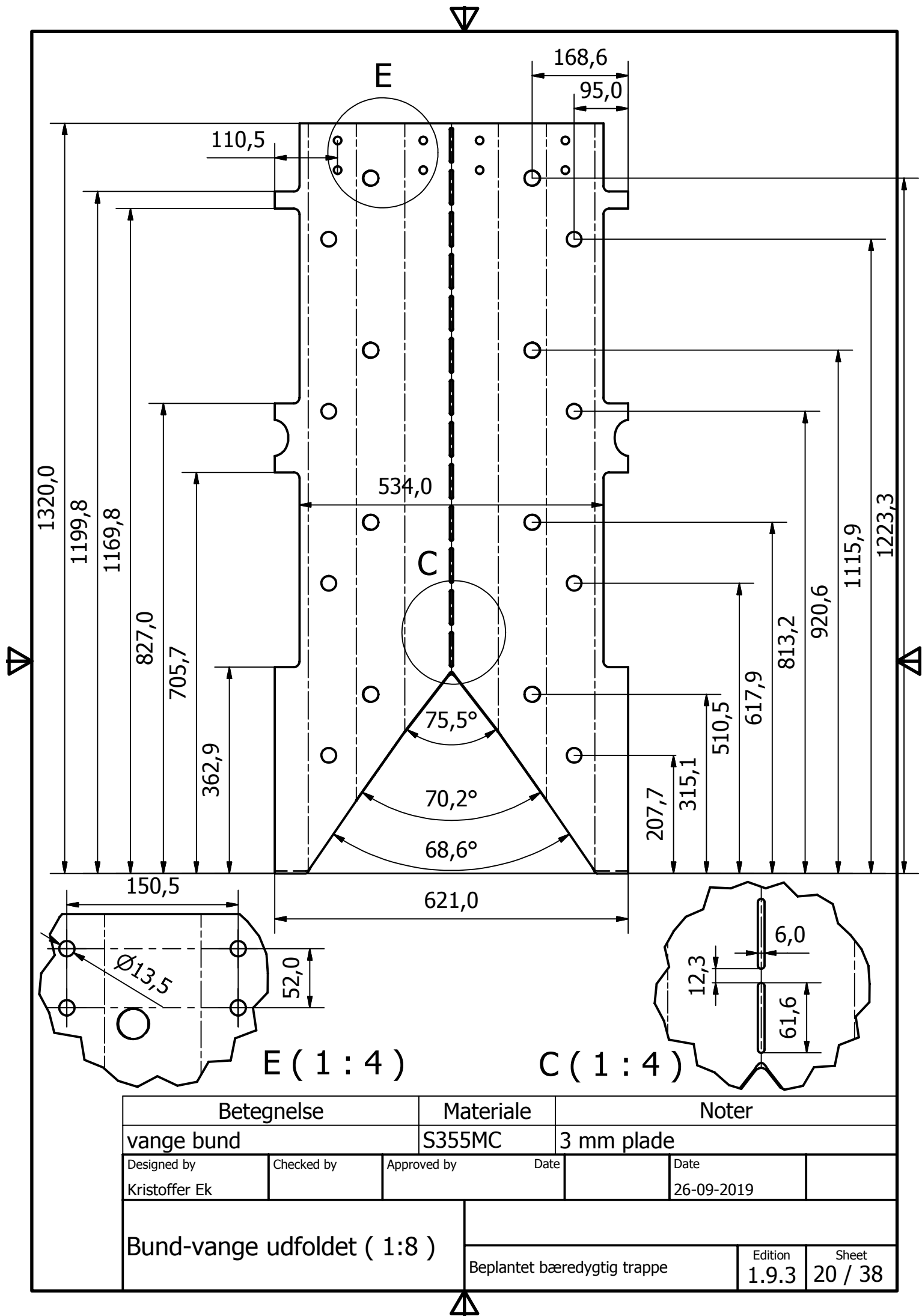
Betegnelse		Materiale		Noter	
vange top		S355MC		3 mm plade	
Designed by	Checked by	Approved by	Date	Date	
Kristoffer Ek				26-09-2019	
Top-vange udfoldet (1:8)					
		Beplantet bæredygtig trappe		Edition 1.9.3	Sheet 17 / 38



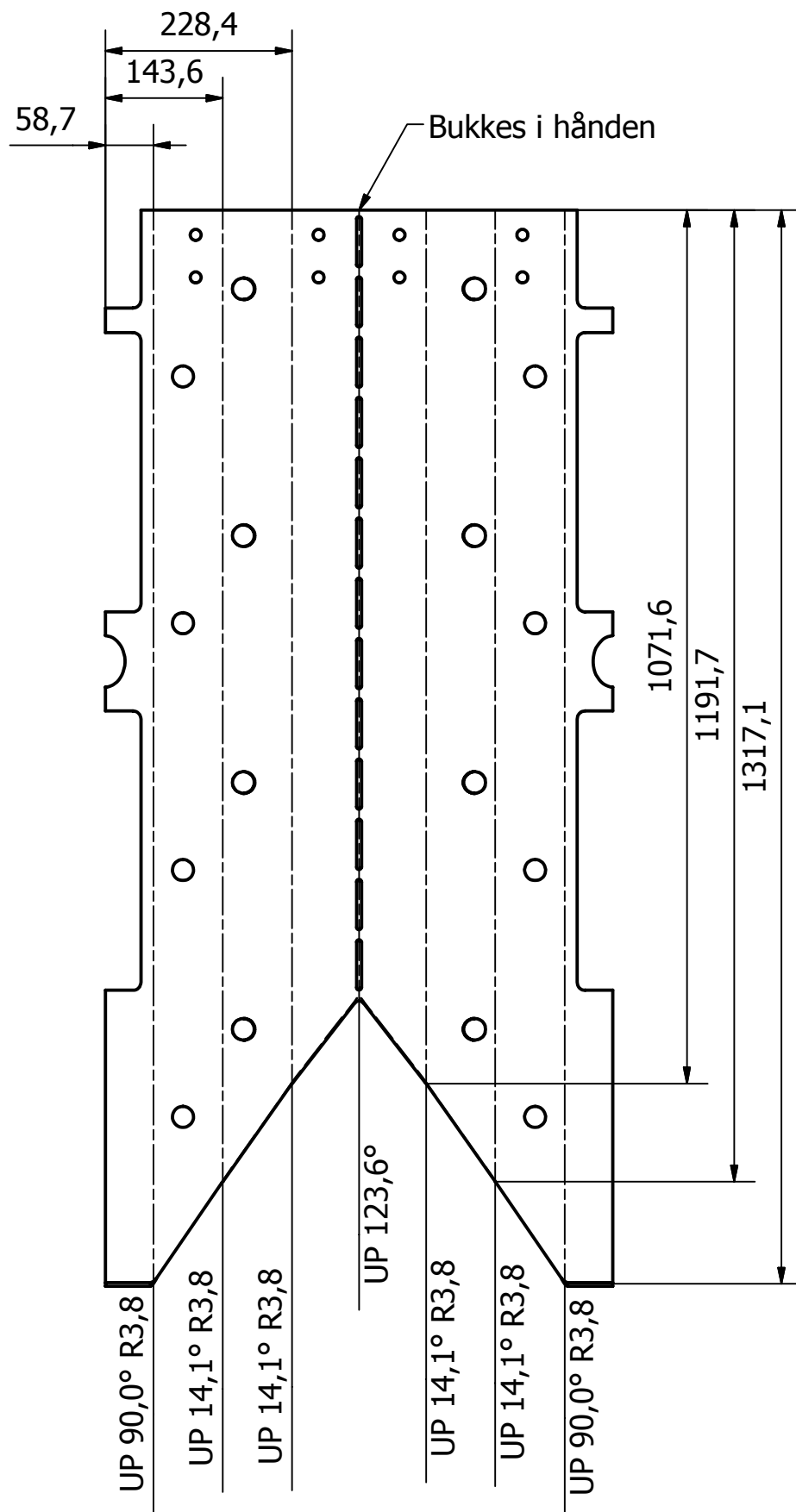
Betegnelse		Materiale		Noter	
vange top		S355MC		3 mm plade	
Designed by	Checked by	Approved by		Date	
Kristoffer Ek				26-09-2019	
Top-vange buk (1:8)					
		Beplantet bæredygtig trappe		Edition 1.9.3	Sheet 18 / 38



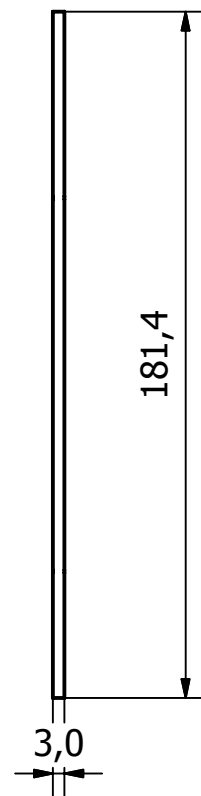
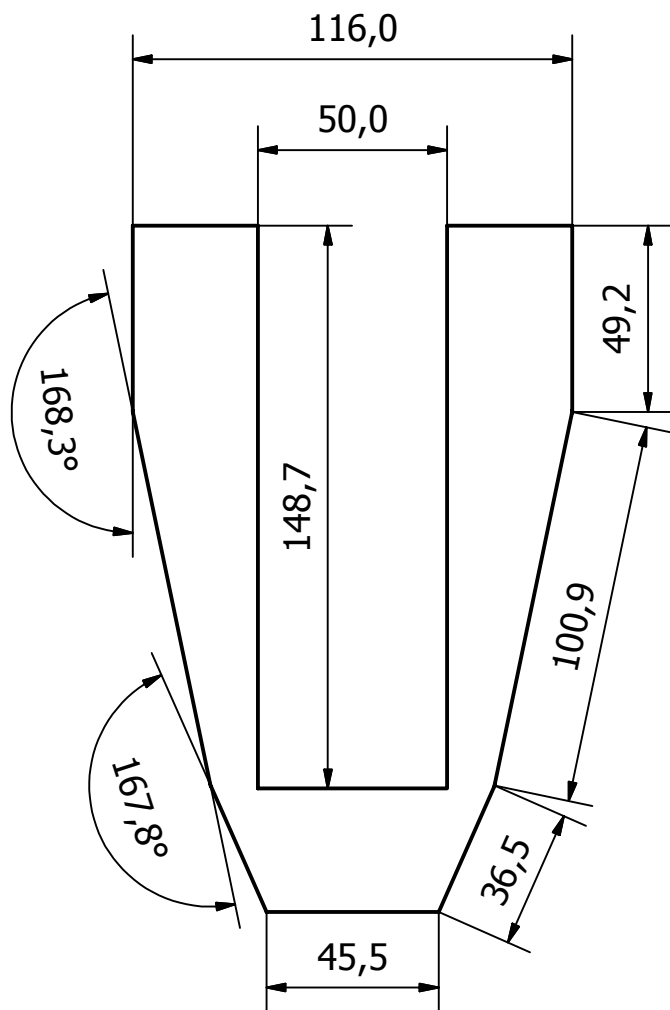
Betegnelse		Materiale		Noter	
vange bund		S355MC		3 mm plade	
Designed by	Checked by	Approved by	Date	Date	
Kristoffer Ek				26-09-2019	
Bund-vange (1:8)					
			Beplantet bæredygtig trappe	Edition 1.9.3	Sheet 19 / 38



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 1.9.3	Sheet 20 / 38



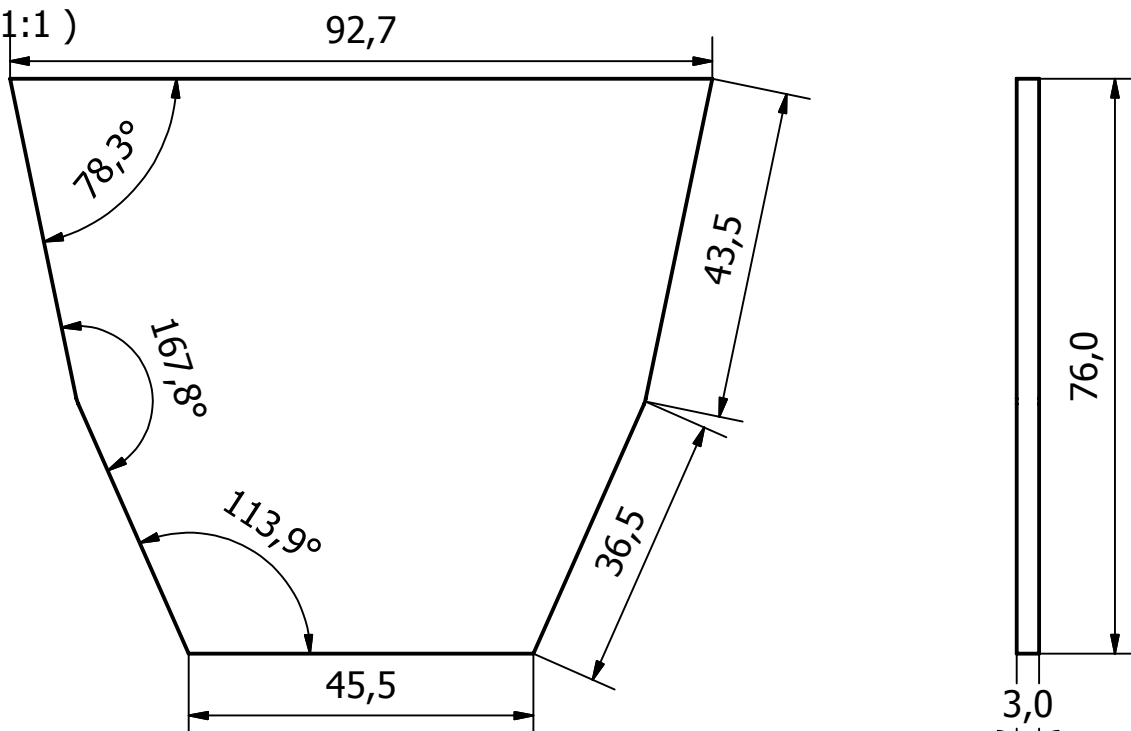
Betegnelse		Materiale		Noter	
vange bund		S355MC		3 mm plade	
Designed by	Checked by	Approved by	Date	Date	
Kristoffer Ek				26-09-2019	
Bund-vange buk (1:8)					
		Beplantet bæredygtig trappe		Edition 1.9.3	Sheet 21 / 38



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 1.9.3	Sheet 22 / 38

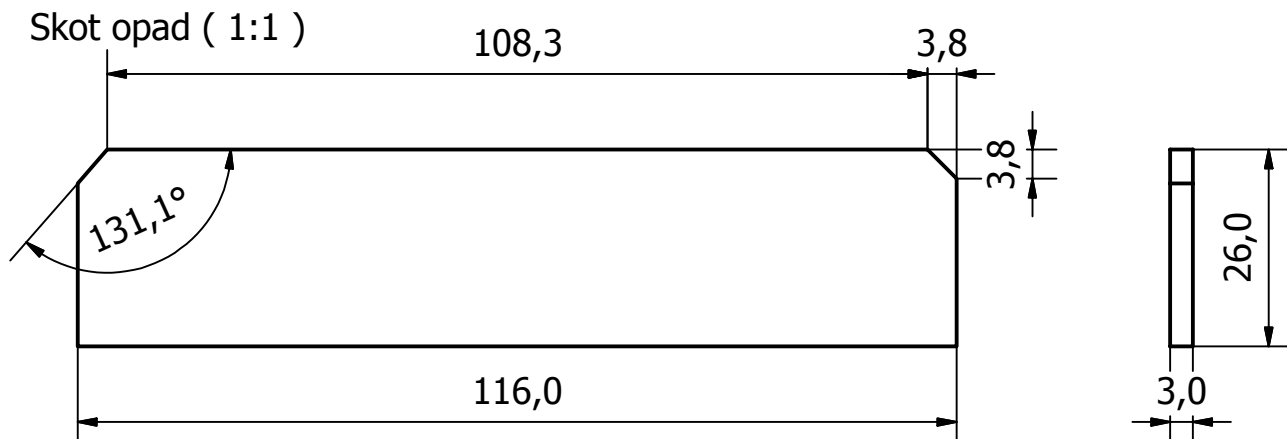


Skot (1:1)



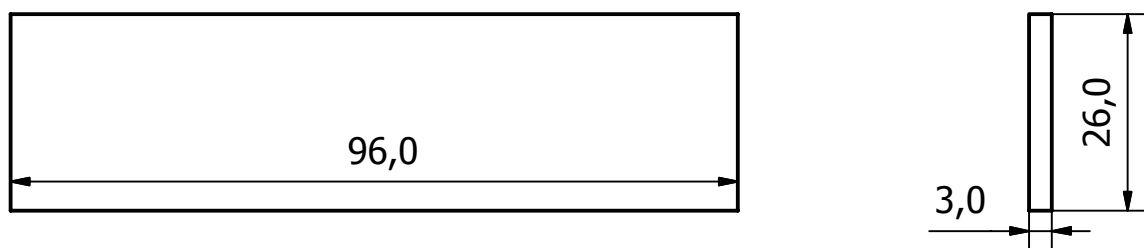
Betegnelse	Materiale	Noter
skot	S355MC	3 mm plade

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

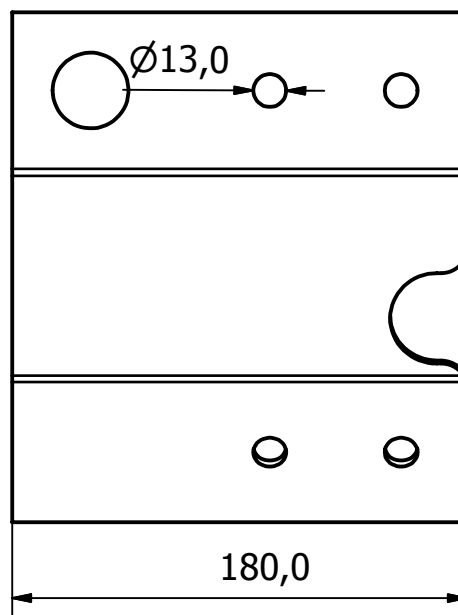
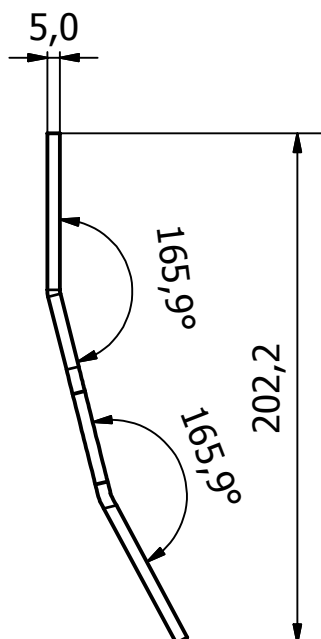
Beplantet bæredygtig trappe

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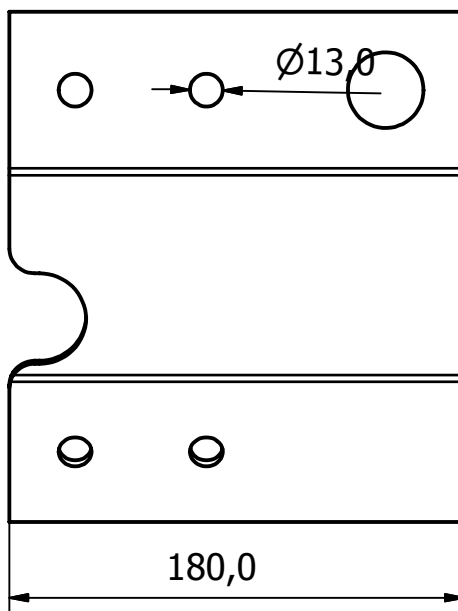
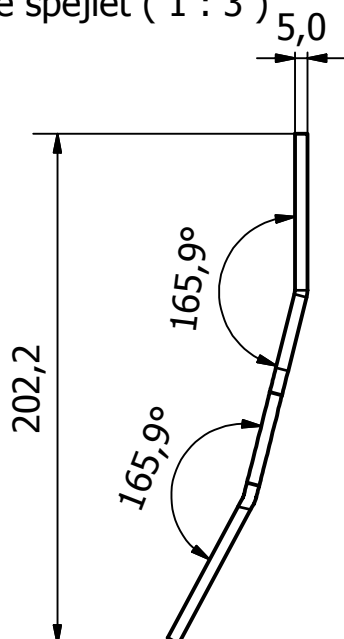


Laske (1 : 3)



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	

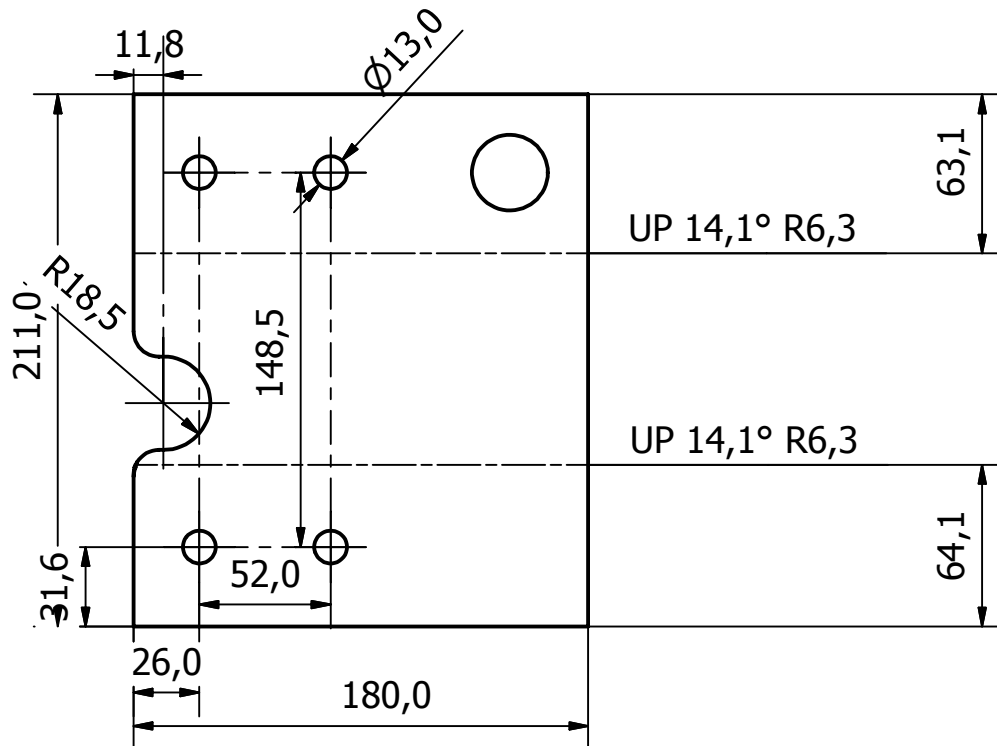
Lasker

Beplantet bæredygtig trappe

Edition
1.9.3

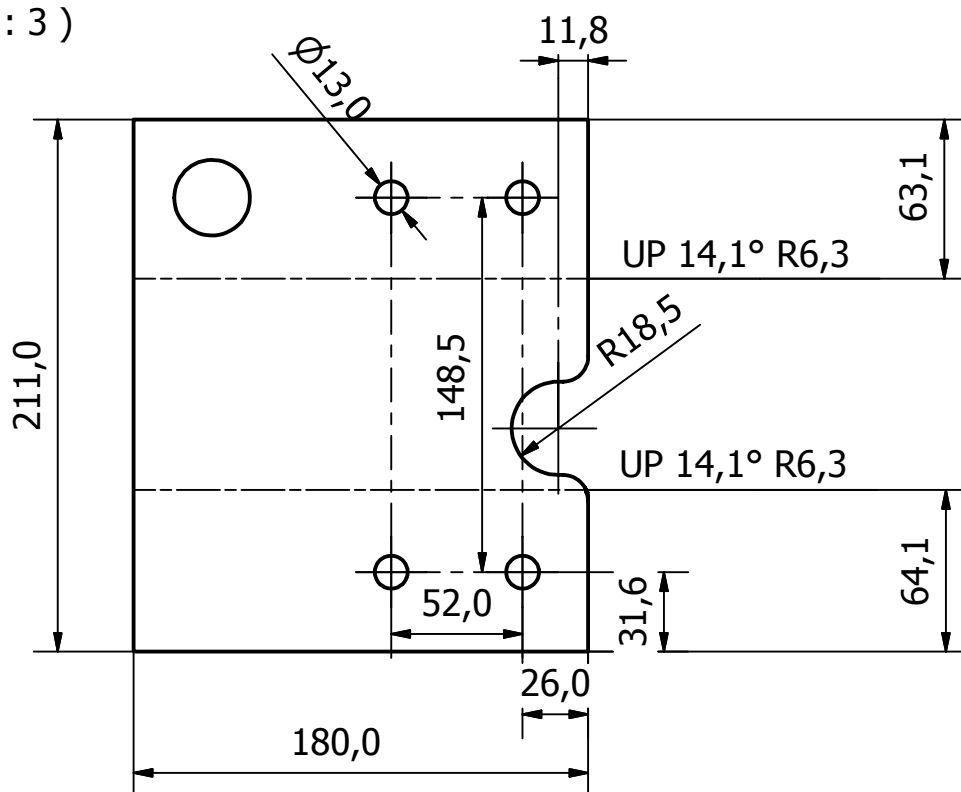
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Laske (1 : 3)



Betegnelse	Materiale	Noter
laske	S355MC	5 mm plade

Laske spejlet (1 : 3)



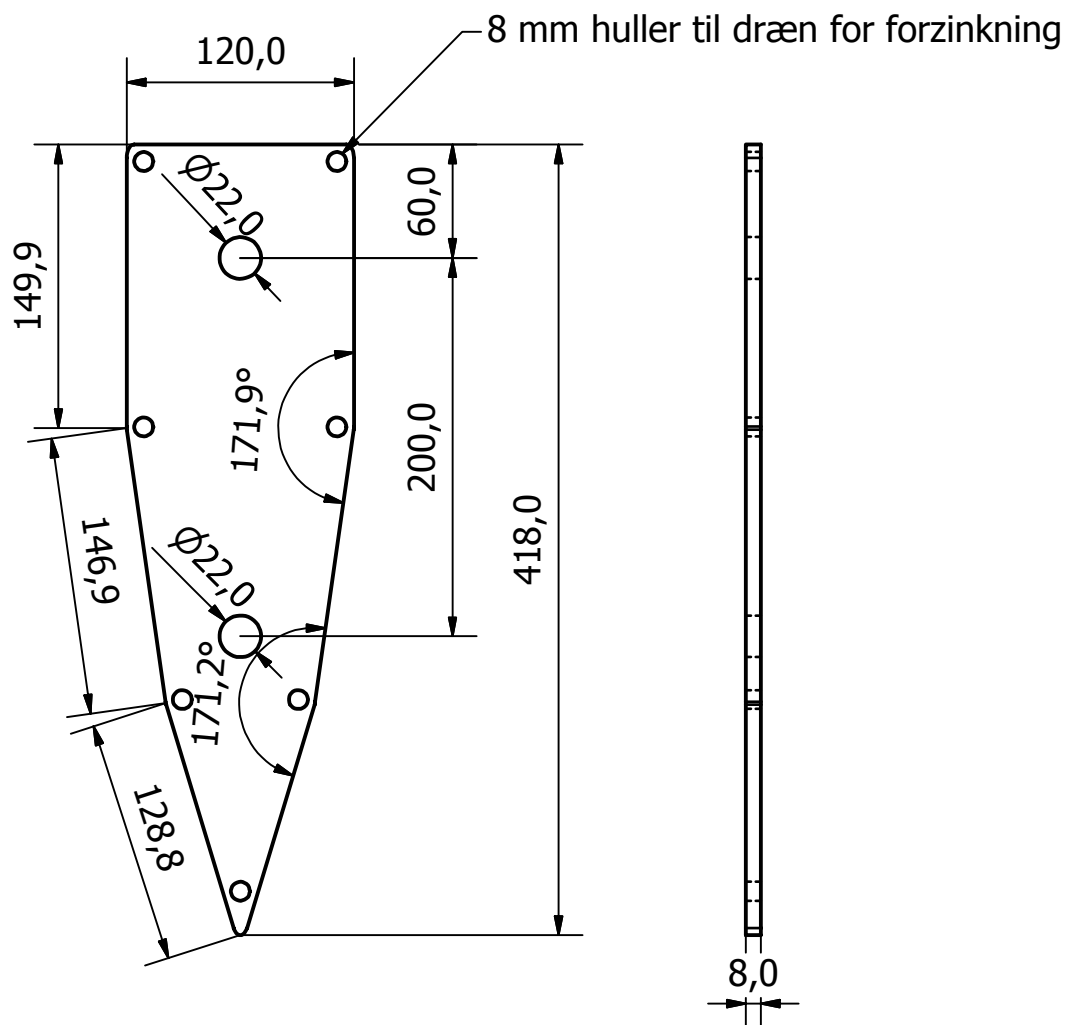
Betegnelse	Materiale	Noter
laske spejlet	S355MC	5 mm plade
Designed by Kristoffer Ek	Checked by	Approved by
		Date
		26-09-2019

Lasker buk

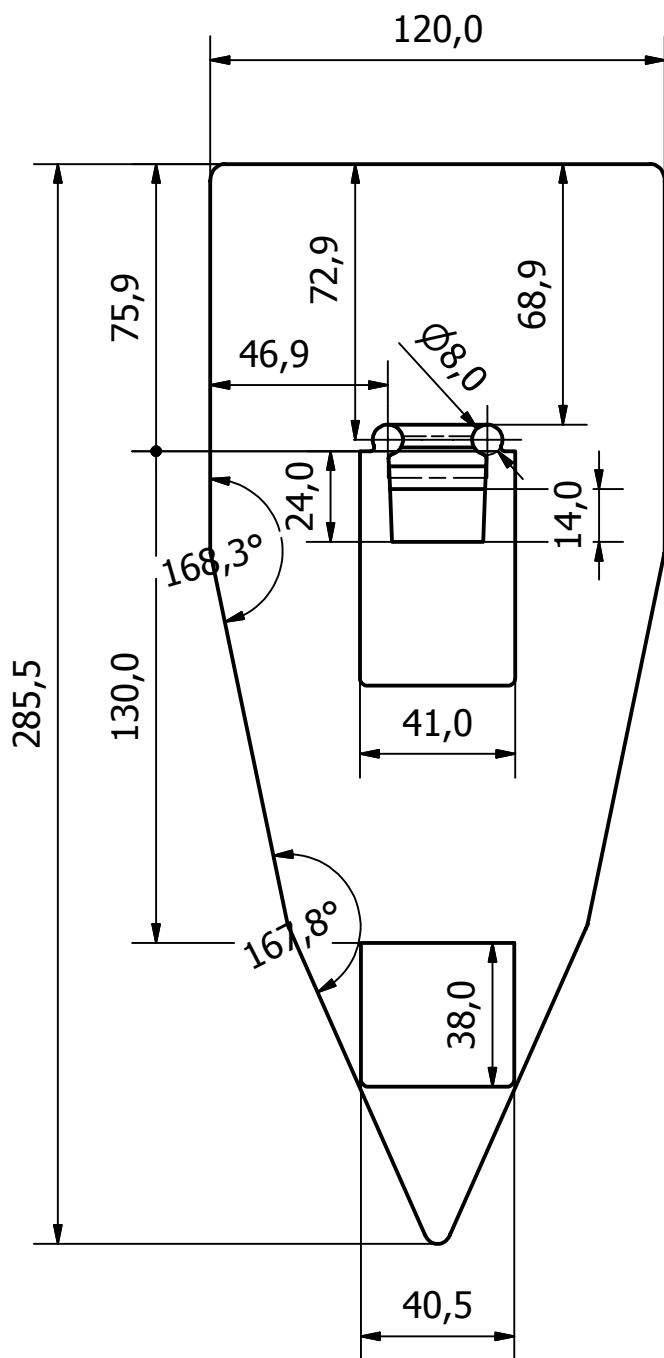
Beplantet bæredygtig trappe

Edition
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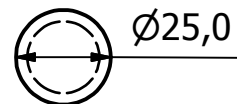
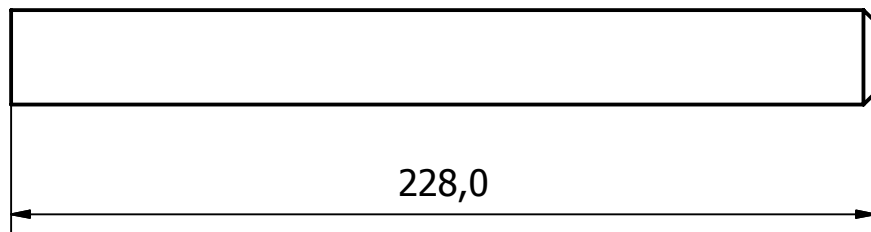


Betegnelse		Materiale		Noter		
bund vange-endeplade		S235JR		8 mm plade		
Designed by	Checked by	Approved by		Date		
Kristoffer Ek				26-09-2019		
Bund-vange-endeplade (1:4)						
		Beplantet bæredygtig trappe			Edition 1.9.3	Sheet 26 / 38



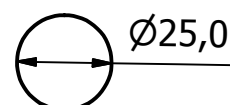
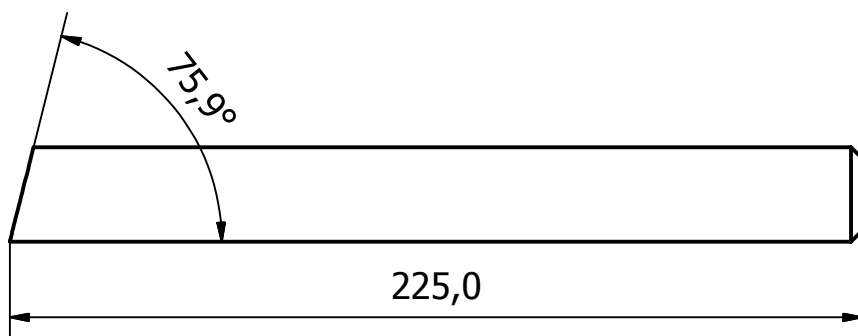
Betegnelse		Materiale		Noter	
top vange-endeplade		S235JR		8 mm plade	
Designed by	Checked by	Approved by		Date	
Kristoffer Ek				26-09-2019	
Top vange-endeplade (1:2)					
		Beplantet bæredygtig trappe		Edition	Sheet
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Trappestift (1:2)

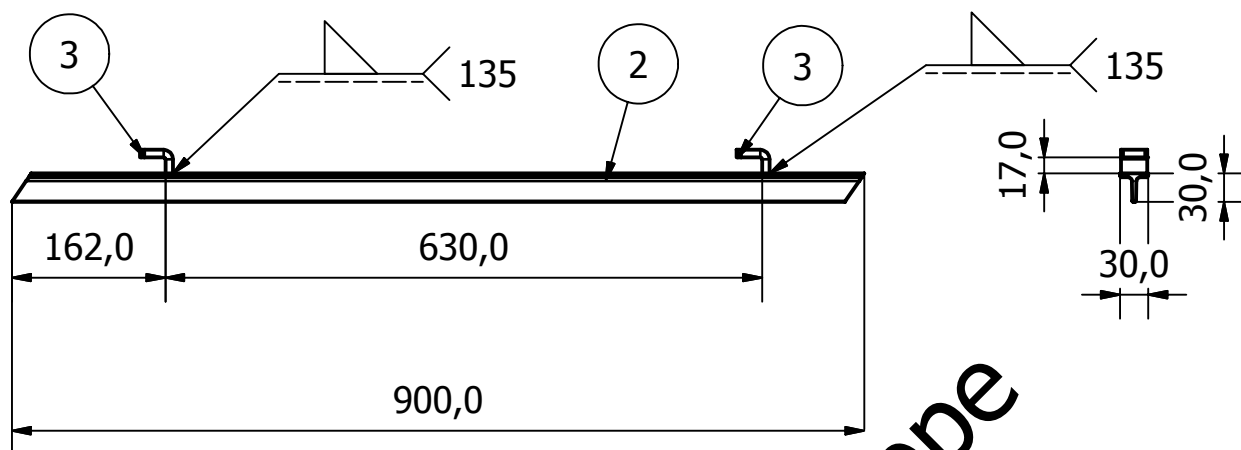


Betegnelse	Materiale	Noter
trappestift	S355J2	

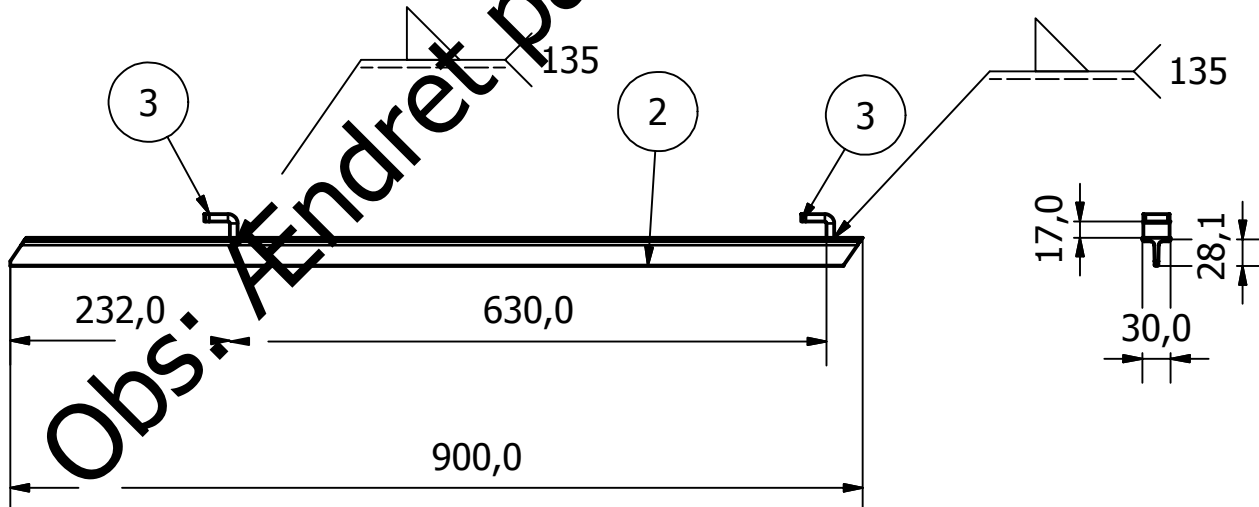
Trappestift skrå (1:2)



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 1.9.3	Sheet 28 / 38



STYKLISTE				
#	Antal	Betegnelse	Materiale	Noter
2	900,000 mm	DIN 1024 - T30-900	Steel, Mild	
3	2	hage	Steel	28x8



STYKLISTE				
#	Antal	Betegnelse	Materiale	Noter
2	900,000 mm	DIN 1024 - T30-900	Steel, Mild	
3	2	hage	Steel	28x8

Designed by
Kristoffer Ek

Checked by

Approved by

Date

Date

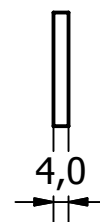
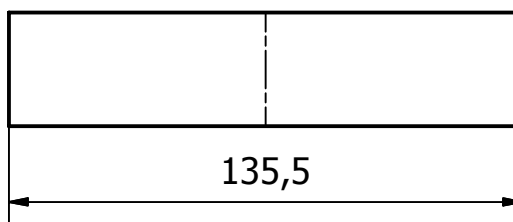
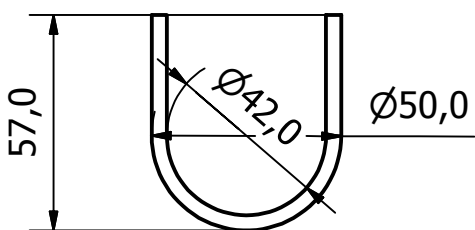
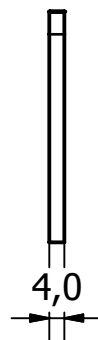
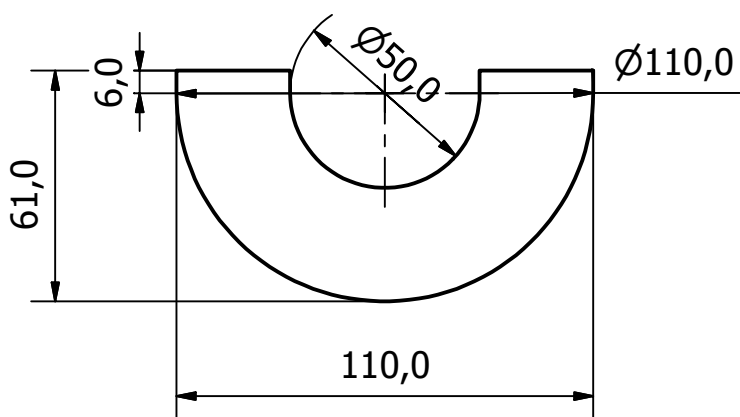
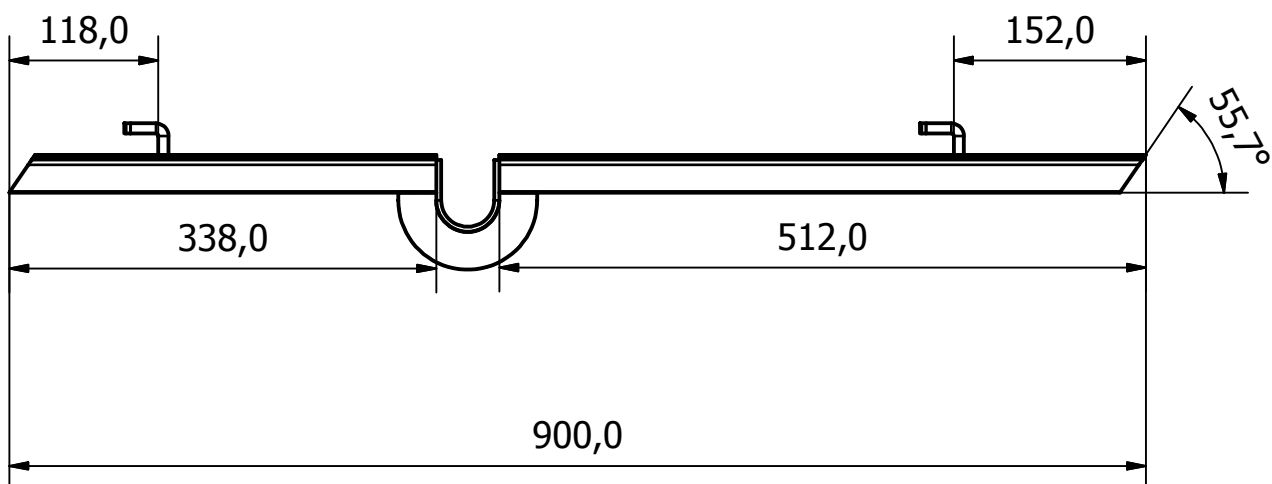
26-09-2019

Hegnspæl (1:8)

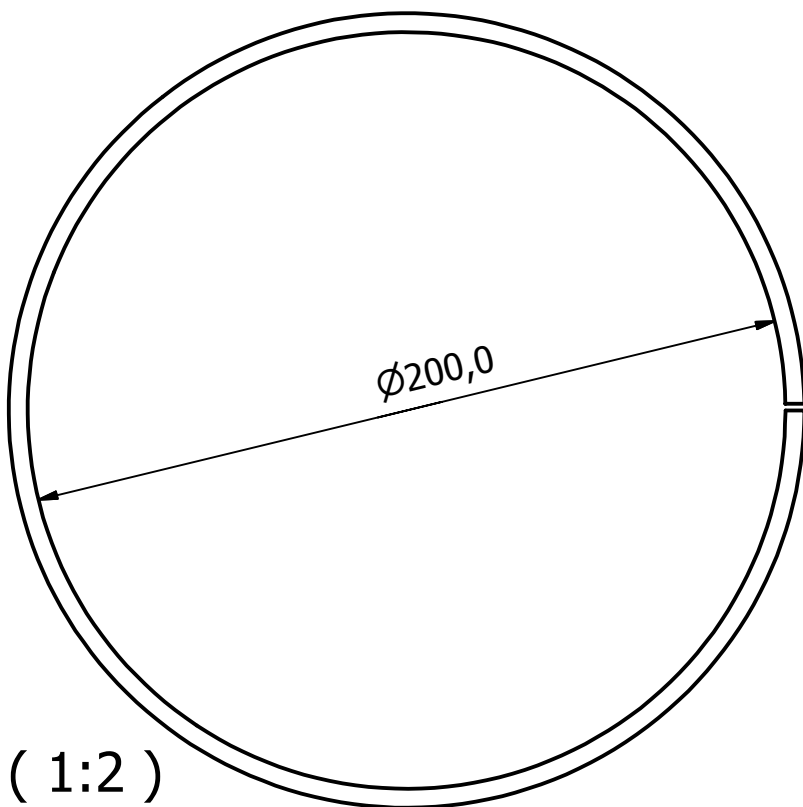
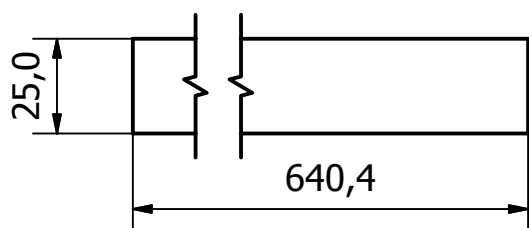
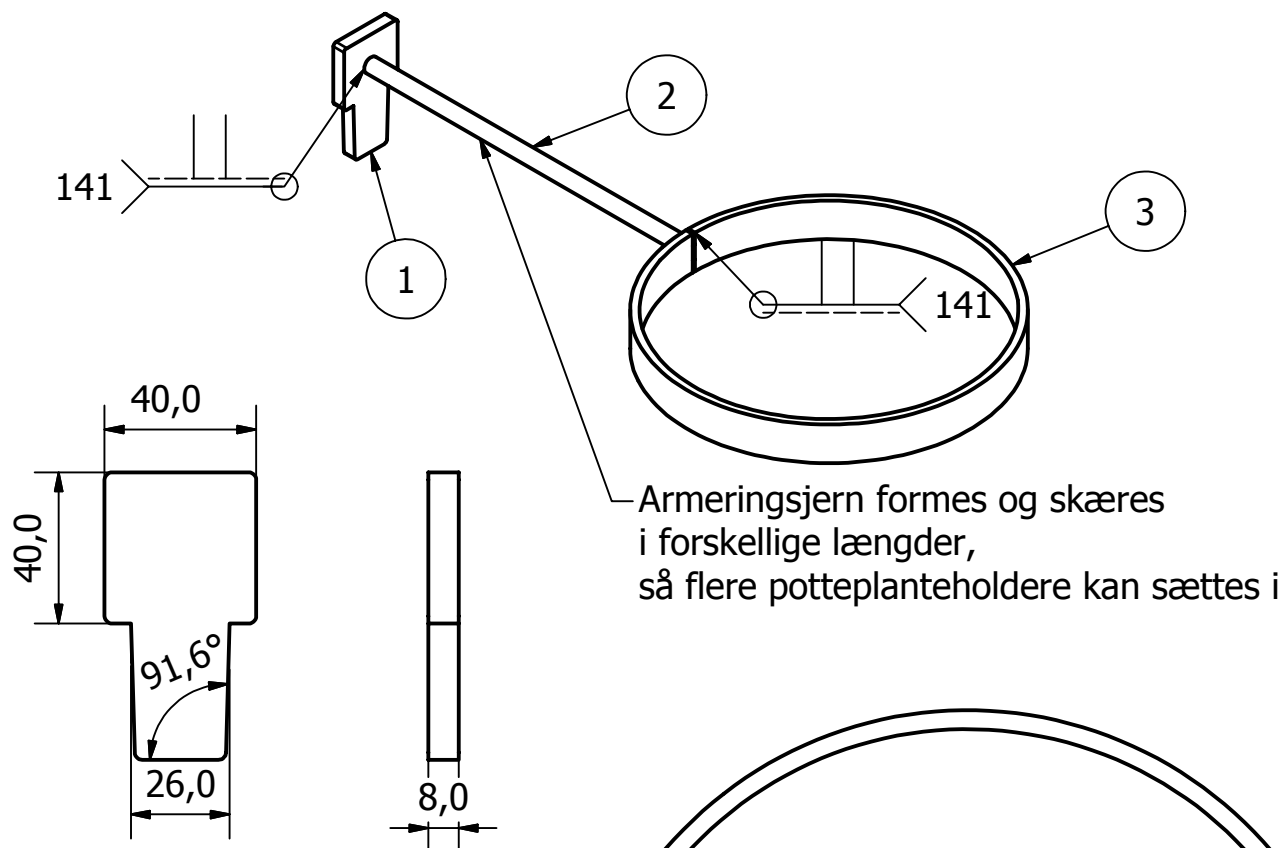
Beplantet bæredygtig trappe

Edition
1.9.3

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Betegnelse		Materiale		Noter	
DIN 1024 - T30-900		Steel, Mild			
hage		Steel			
bue		Generic			
bukket del		Generic			
Designed by	Checked by	Approved by	Date	Date	
Kristoffer Ek				26-09-2019	
		Beplantet bæredygtig trappe		Edition	Sheet
				1.9.3	30 / 38



STYKLISTE

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

Designed by
Kristoffer Ek

Checked by

Approved by

Date

Date

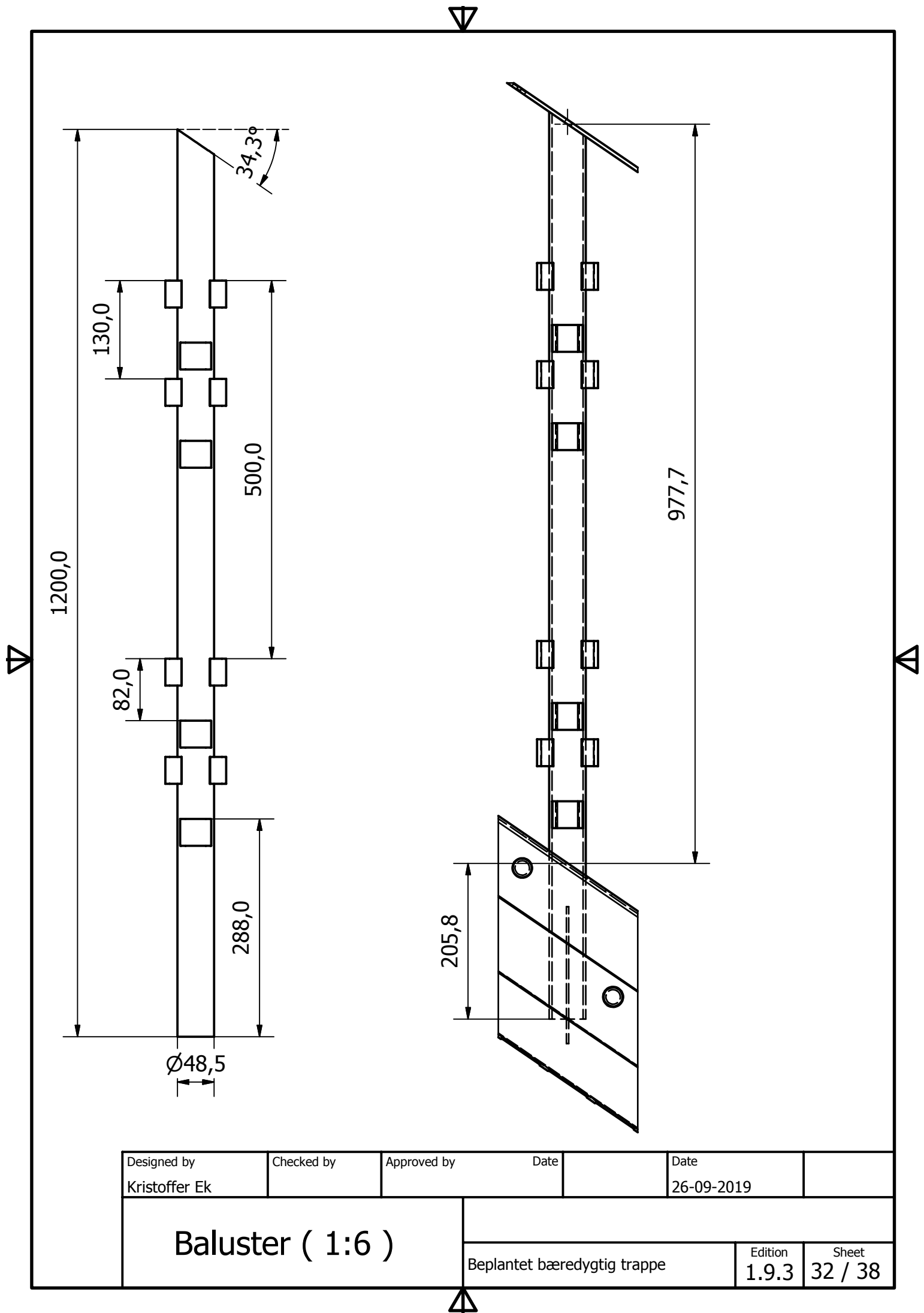
26-09-2019

Potteplanteholder (1 : 4)

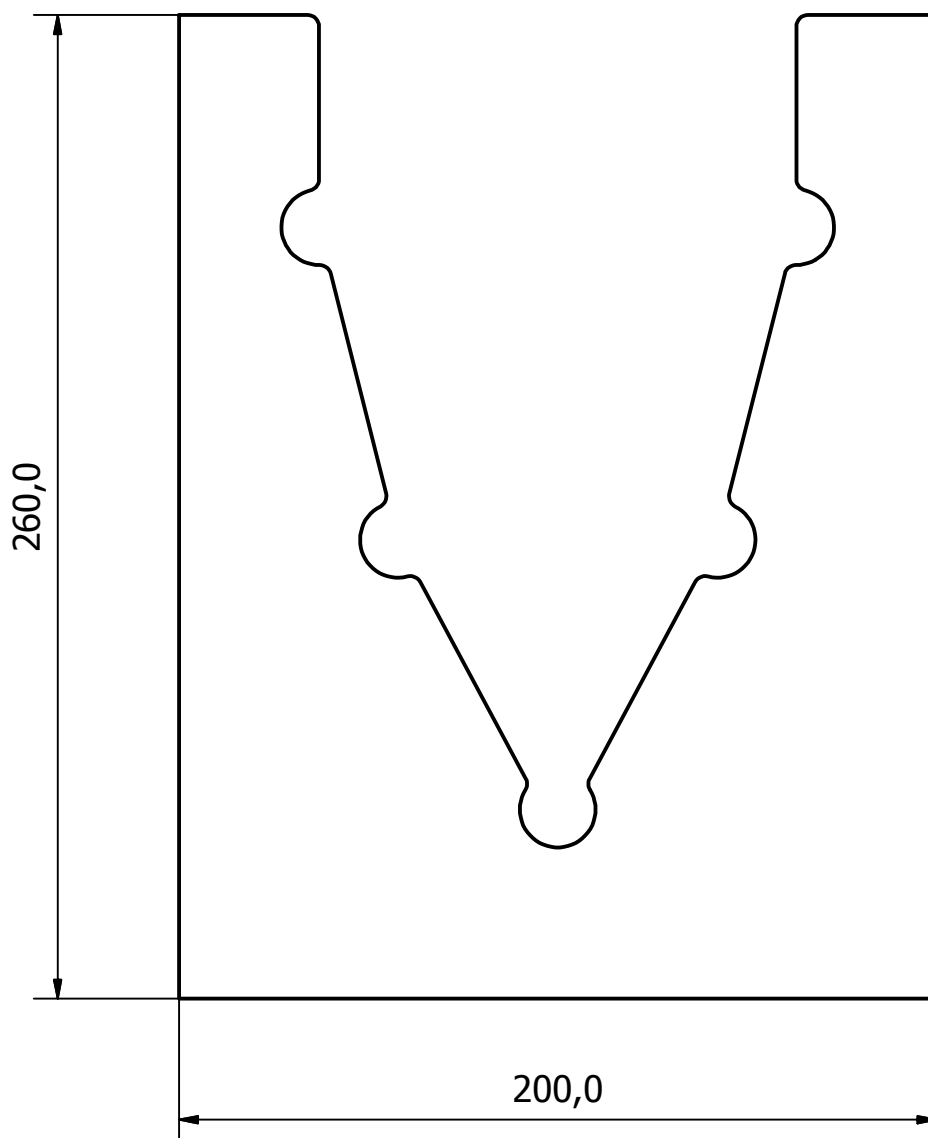
Beplantet bæredygtig trappe

Edition
1.9.3

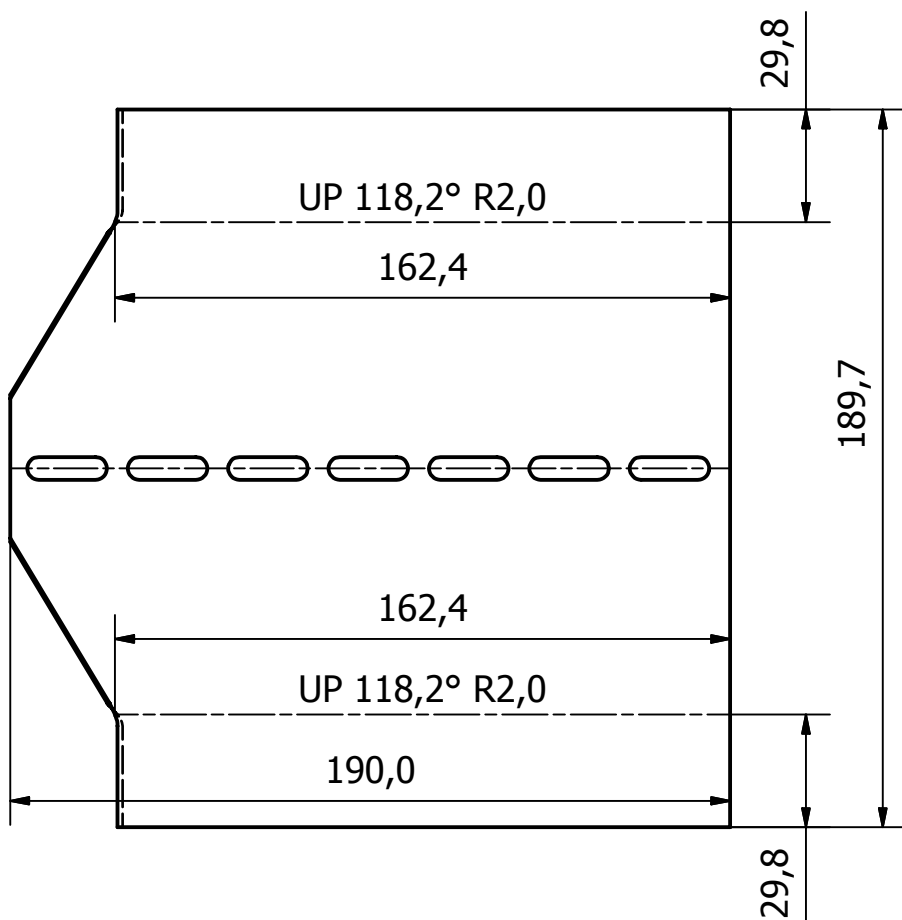
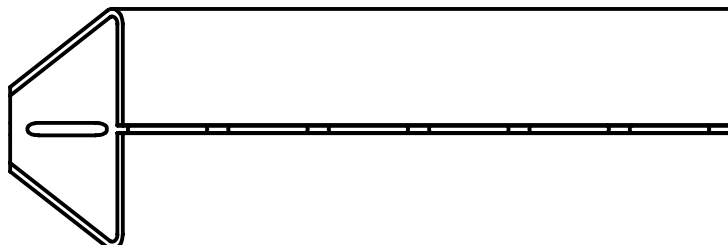
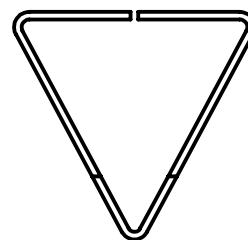
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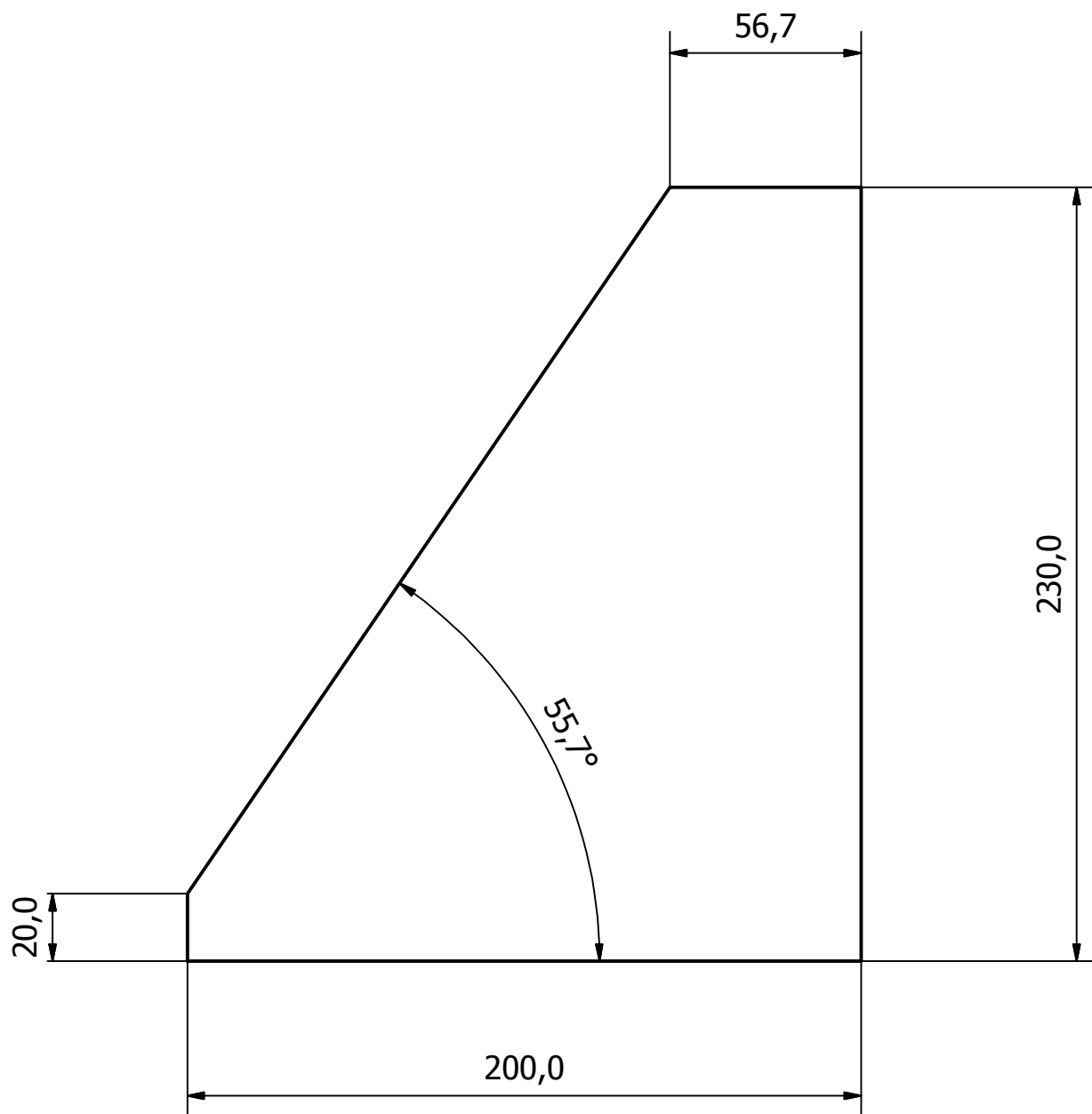
Designed by Kristoffer Ek	Checked by	Approved by	Date	Date	
				26-09-2019	
Baluster (1:6)					
			Beplantet bæredygtig trappe	Edition 1.9.3	Sheet 32 / 38



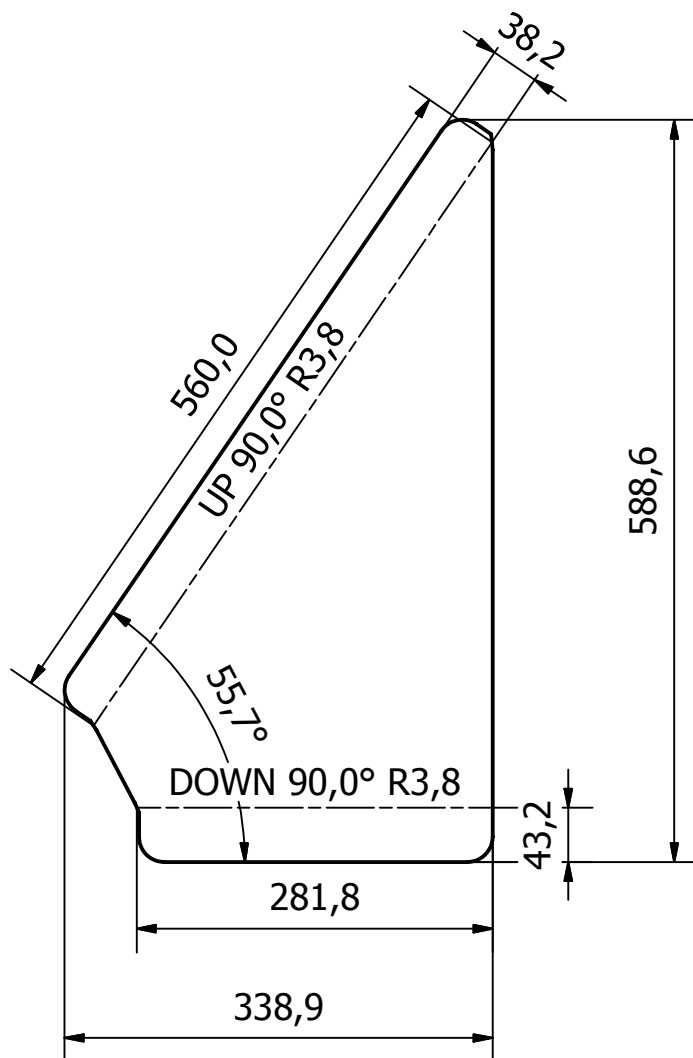
Betegnelse		Materiale		Noter	
svejselære 1		Generic		3 mm plade	
Designed by Kristoffer Ek	Checked by	Approved by		Date 26-09-2019	
Svejselære 1 (1 : 2)					
		Beplantet bæredygtig trappe		Edition 1.9.3	Sheet 33 / 38



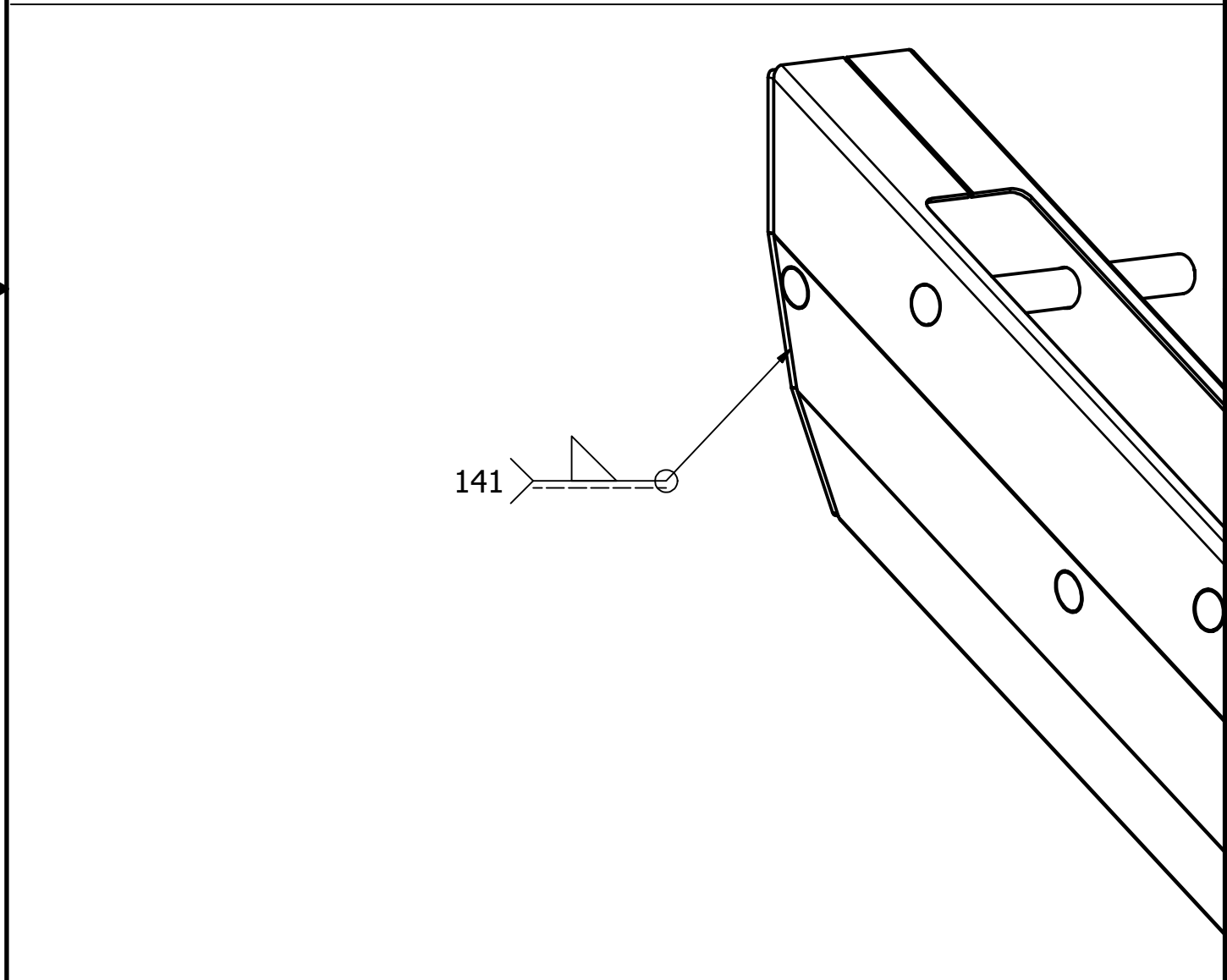
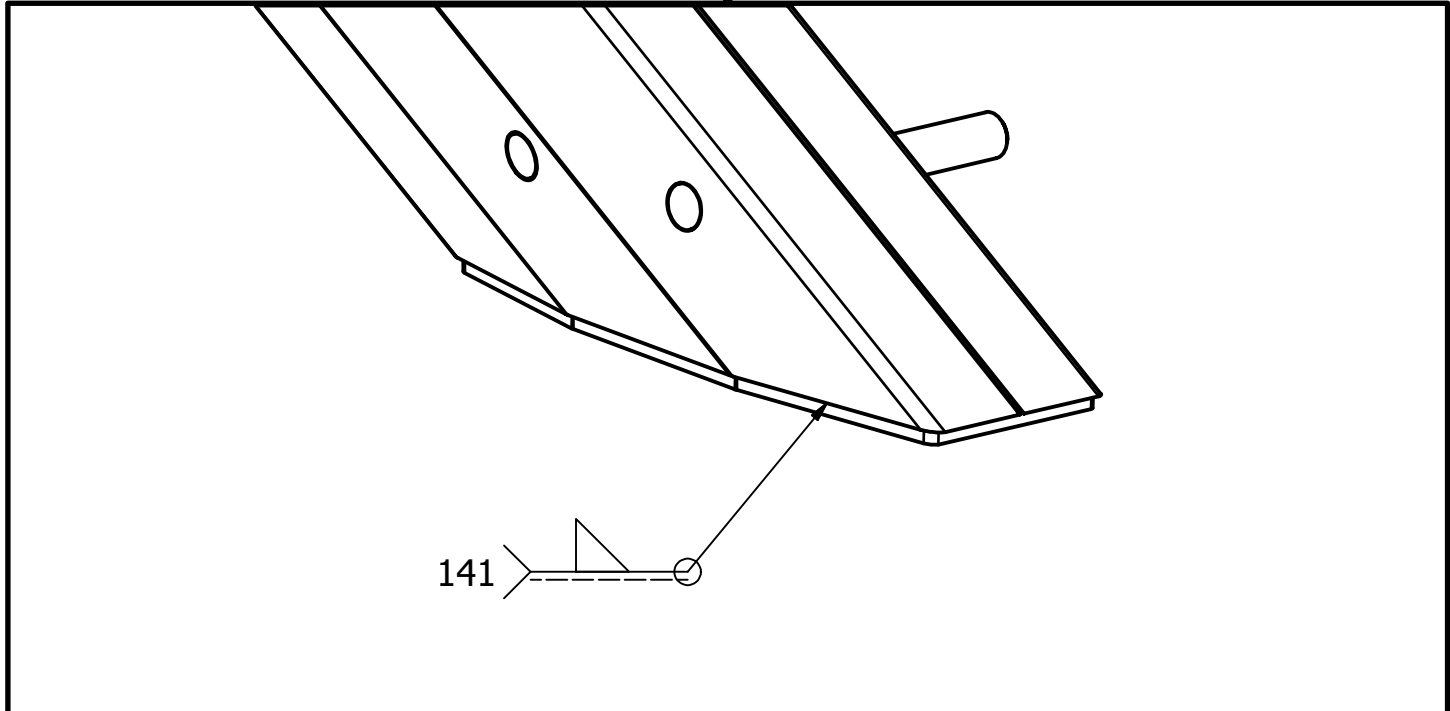
Betegnelse		Materiale		Noter	
svejselære 2 del 1		Generic			
Designed by	Checked by	Approved by	Date	Date	
Kristoffer Ek				26-09-2019	
Svejselære 2 (1 : 2)					
		Beplantet bæredygtig trappe		Edition 1.9.3	Sheet 34 / 38



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 1.9.3	Sheet 35 / 38

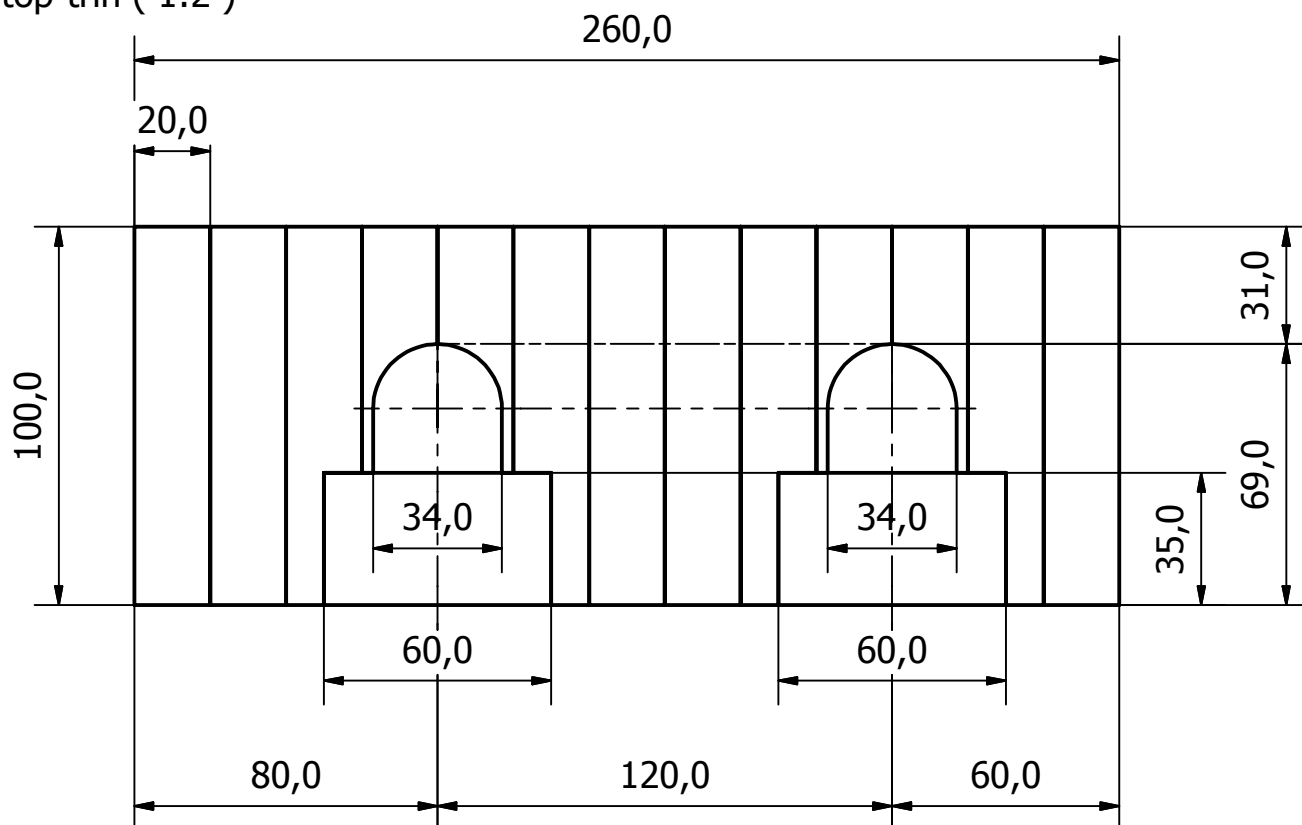


Betegnelse		Materiale		Noter	
svejselære 3		Generic		3 mm plade	
Designed by Kristoffer Ek	Checked by	Approved by		Date 26-09-2019	
Svejselære 3 (1:6)					
		Beplantet bæredygtig trappe		Edition 1.9.3	Sheet 36 / 38

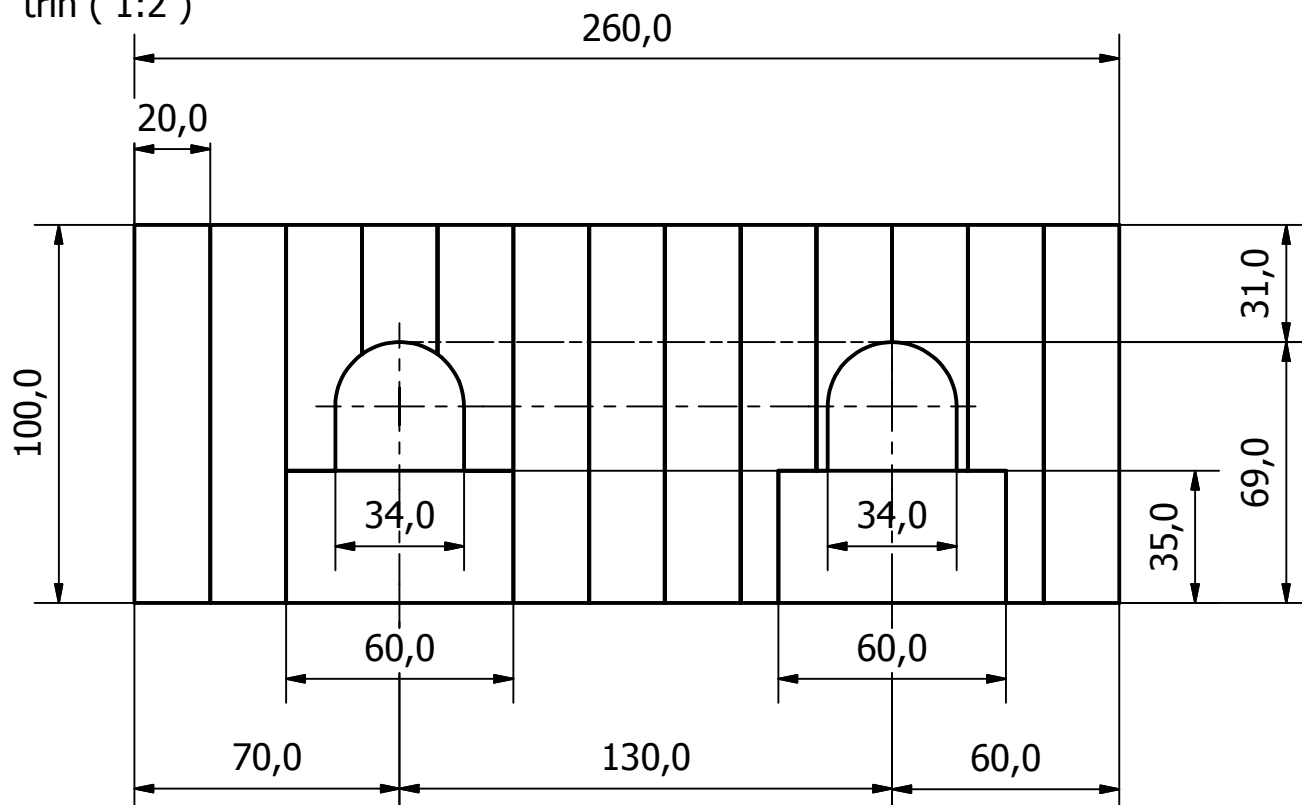


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Svejsning af vange-endeplade (1:4)							
			Beplantet bæredygtig trappe		Edition 1.9.3	Sheet 37 / 38	

top-trin (1:2)



trin (1:2)



Designed by Kristoffer Ek	Checked by	Approved by	Date	Date	
				26-09-2019	
Trin Længde er 1884 mm					
			Bepantet bæredygtig trappe	Edition 1.9.3	Sheet 38 / 38