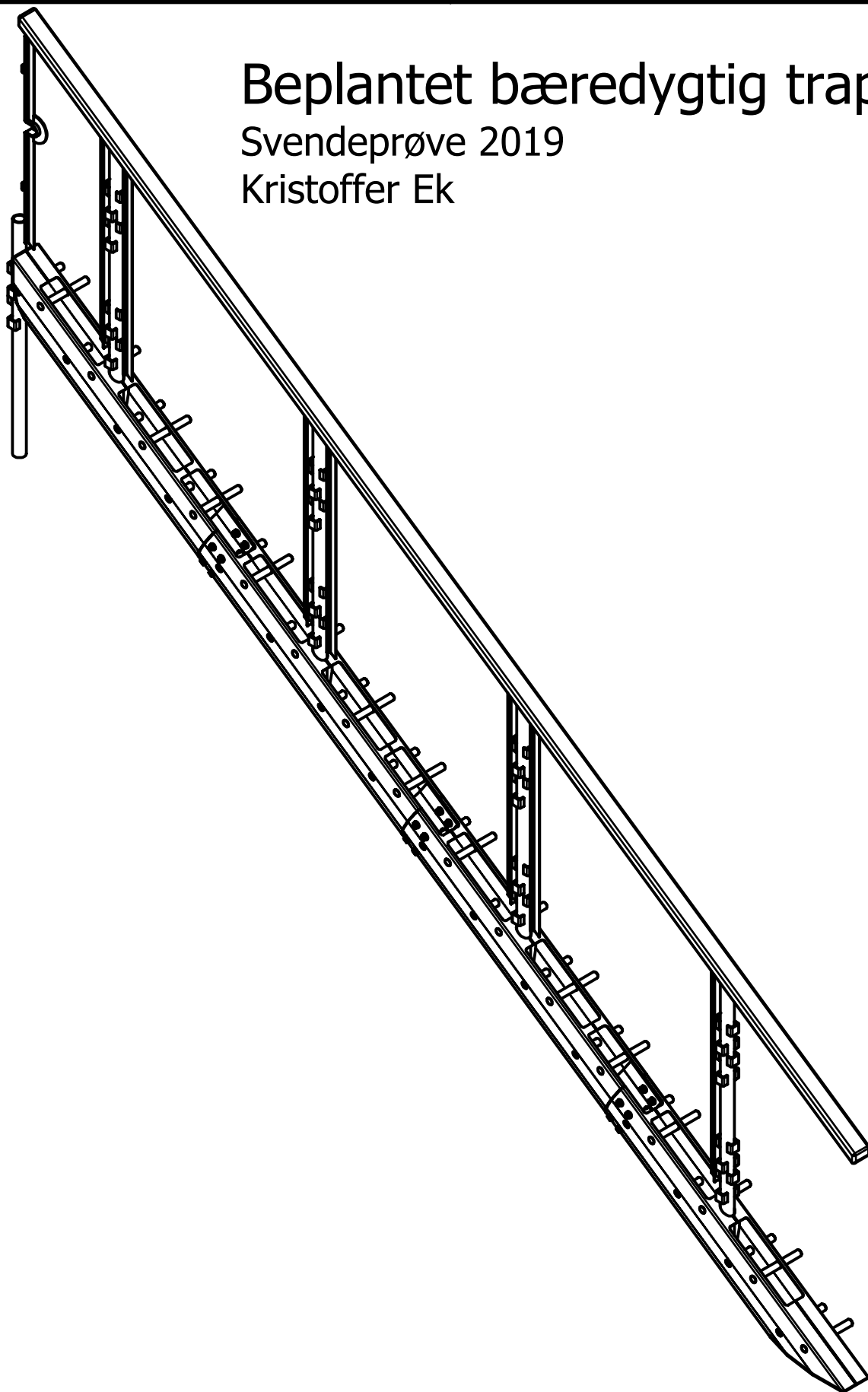


Beplantet bæredygtig trappe

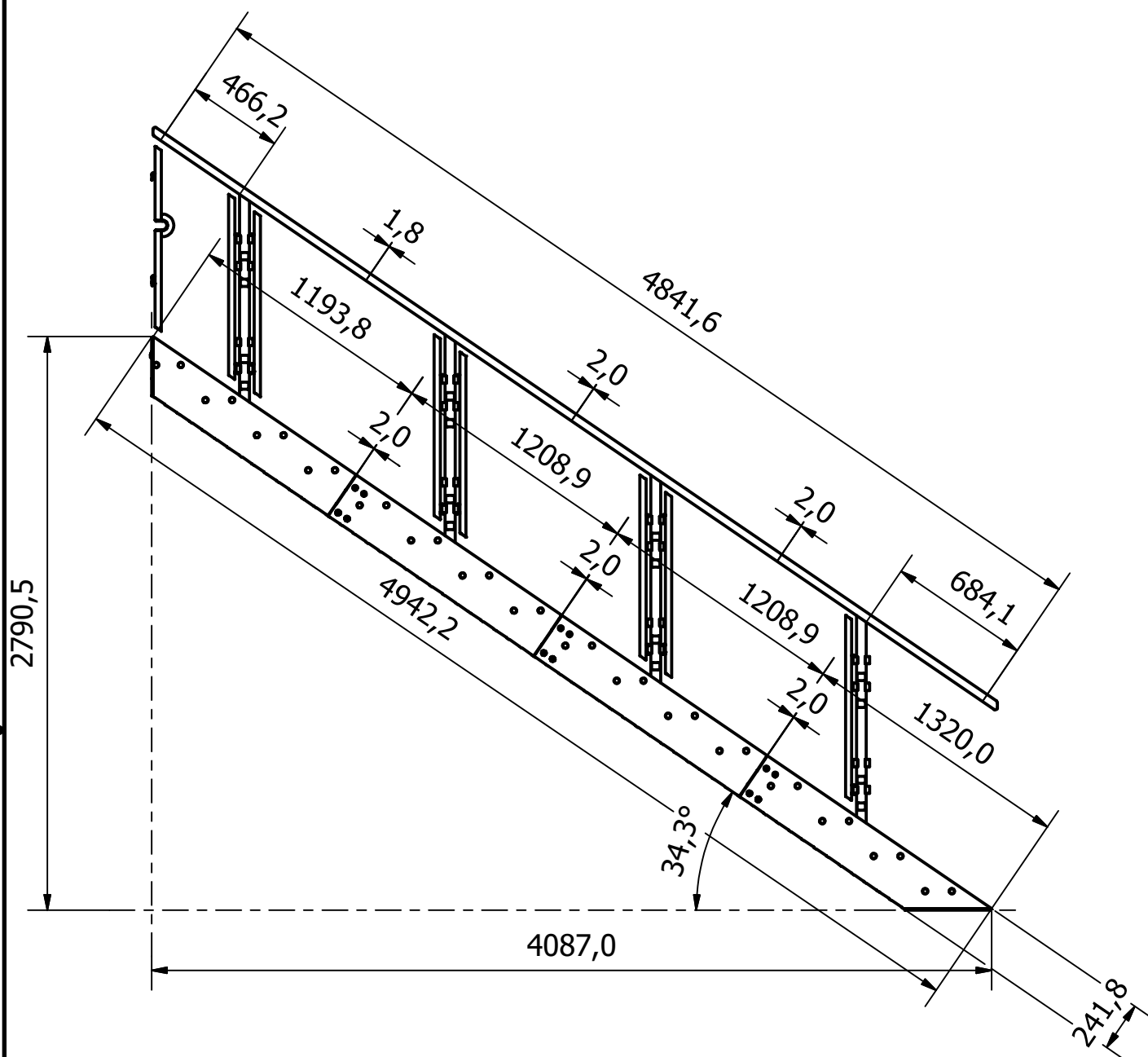
Svendeprøve 2019

Kristoffer Ek

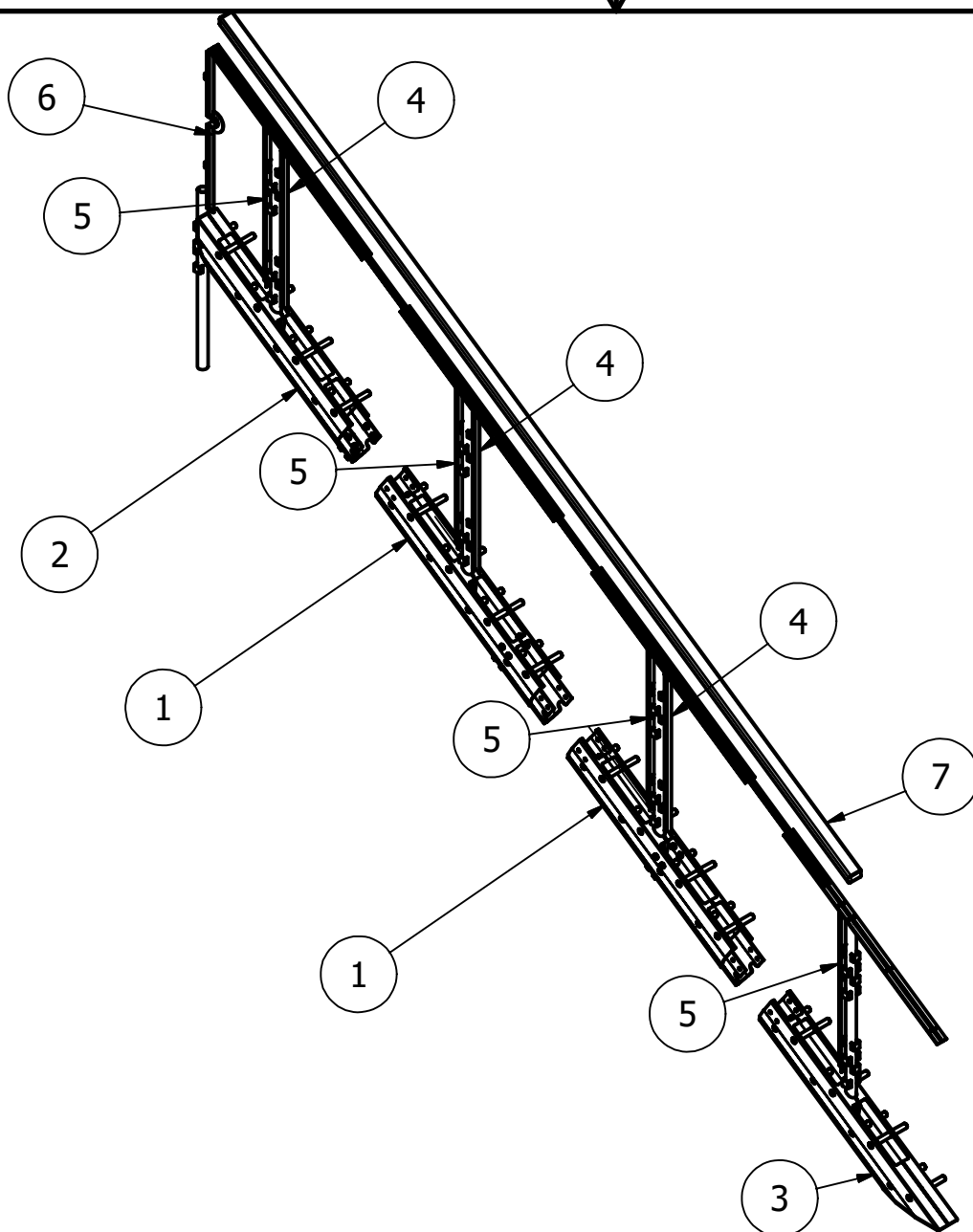


Designed by Kristoffer Ek	Checked by	Approved by	Date		Date 9/26/2019	
			Beplantet bæredygtig trappe		Edition 1.13	Sheet 1 / 42

Overordnede mål (1:30)

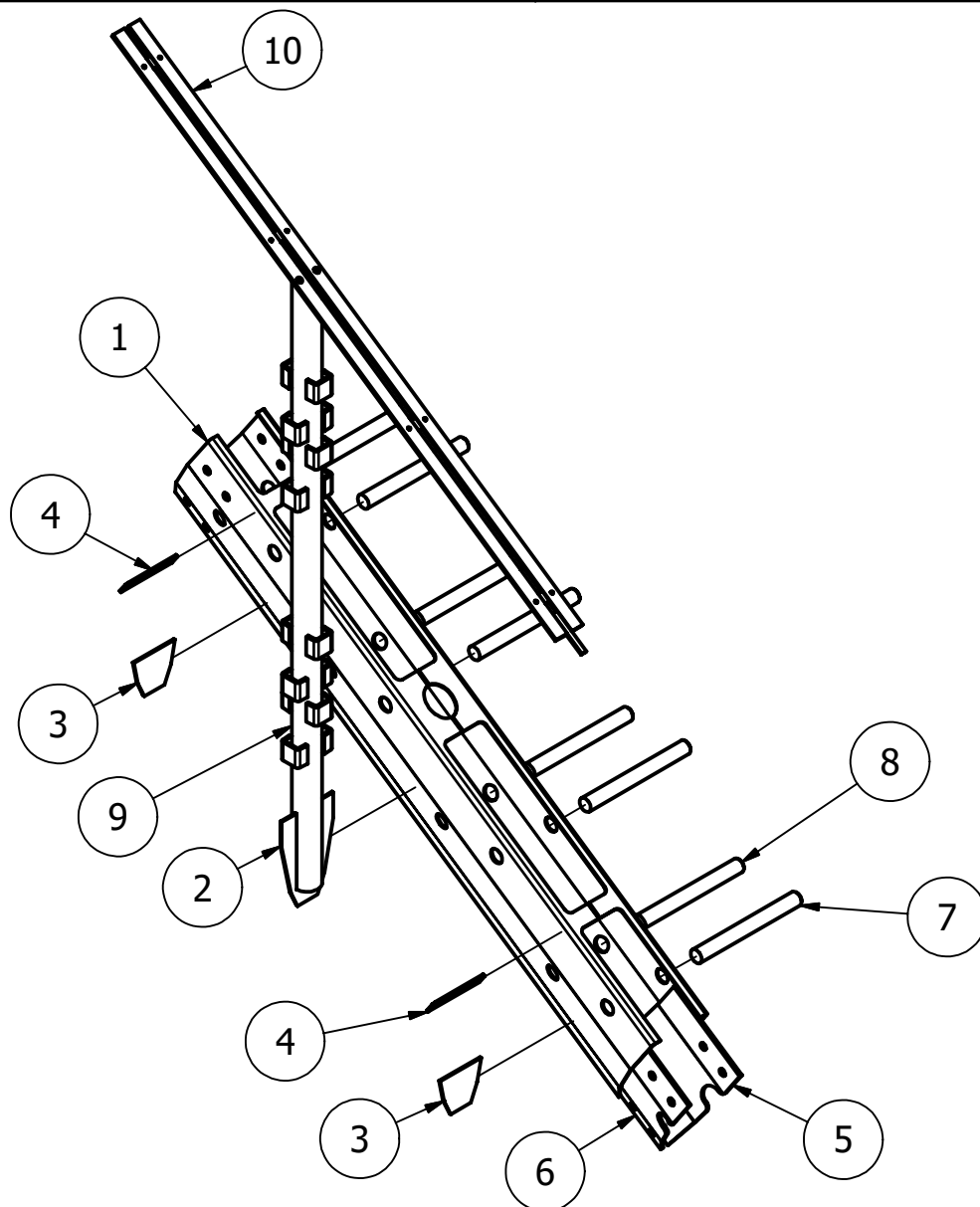


Designed by Kristoffer Ek	Checked by	Approved by	Date	Date 9/26/2019	
			Bepantet bæredygtig trappe	Edition 1.13	Sheet 2 / 42



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(4)			
11	24	ISO 4017 - M12 x 30(3)			
Designed by 14 Kristoffer Ek	4	acryl-difuseringsplader	PC/ABS Plastic	Date 9/26/2019	



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

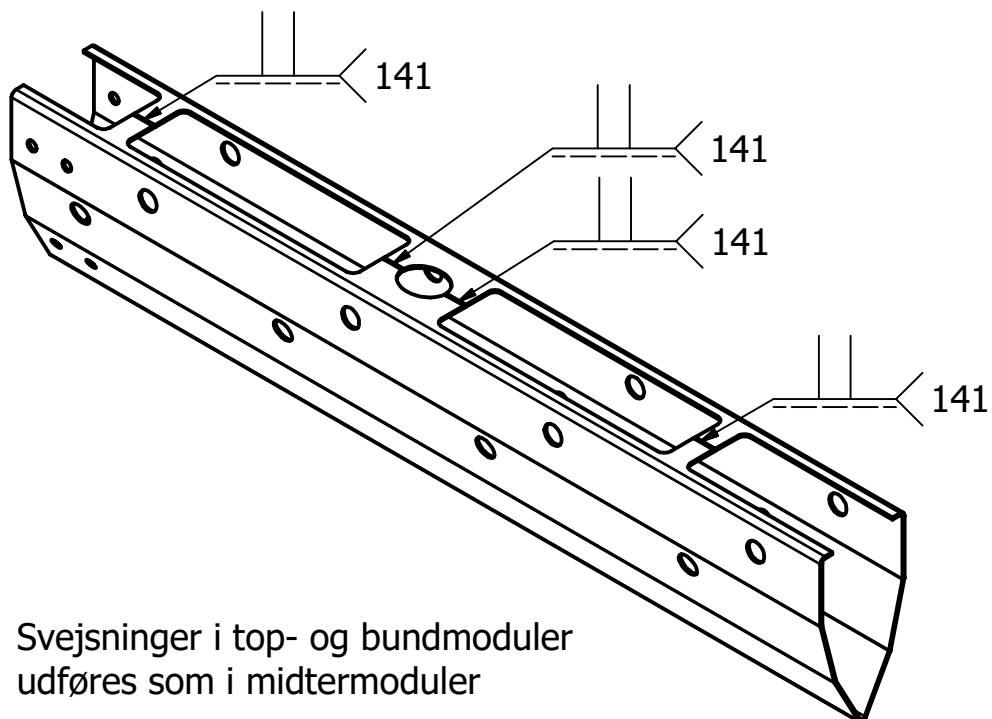
9/26/2019

Modul

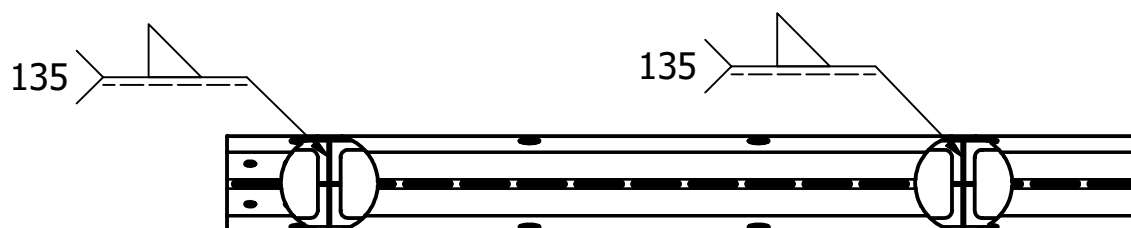
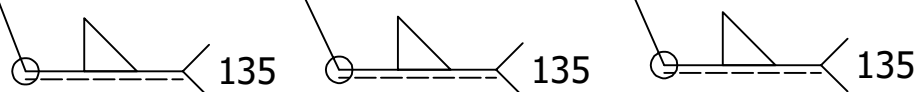
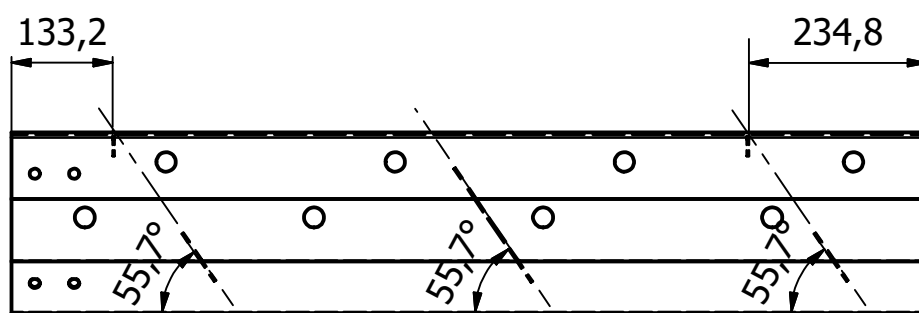
Beplantet bæredygtig trappe

Edition
1.13

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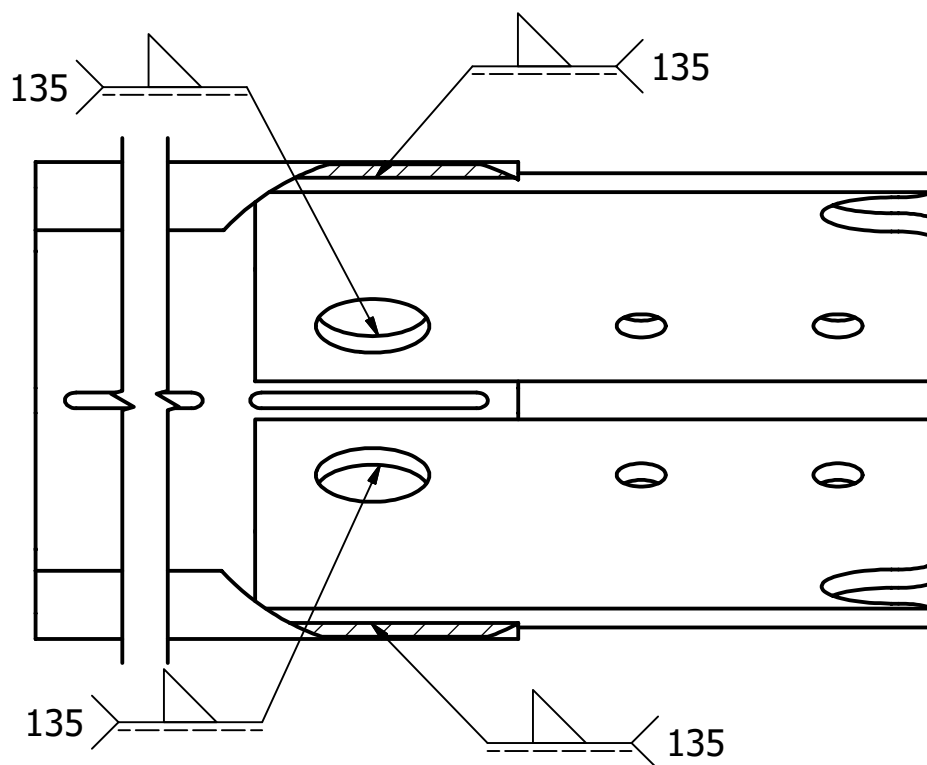


Svejsninger i top- og bundmoduler
udføres som i midtermoduler



Designed by Kristoffer Ek	Checked by	Approved by	Date	Date 9/26/2019	
Svejsninger skot			Beplantet bæredygtig trappe		
			Edition 1.13	Sheet 5 / 42	

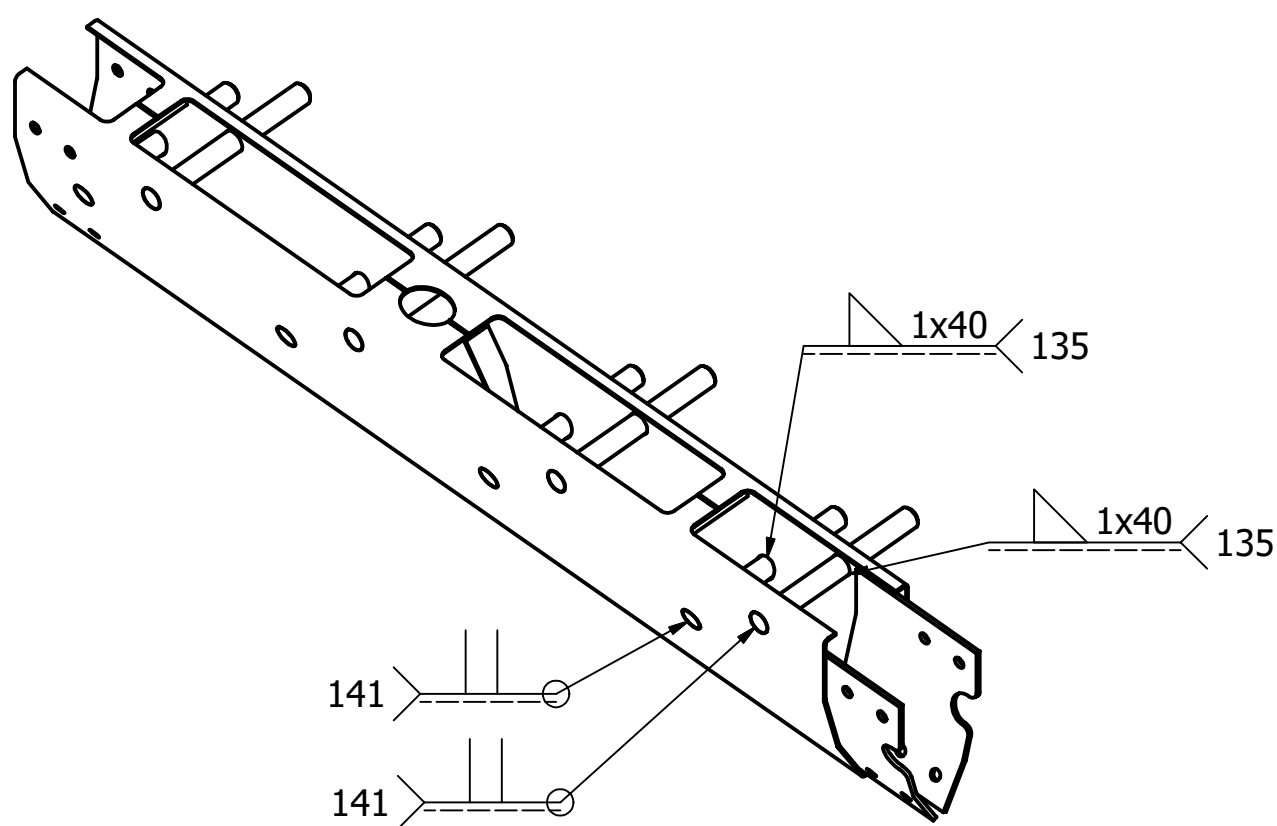
Svejsninger i topmoduler
udføres som i midtermoduler



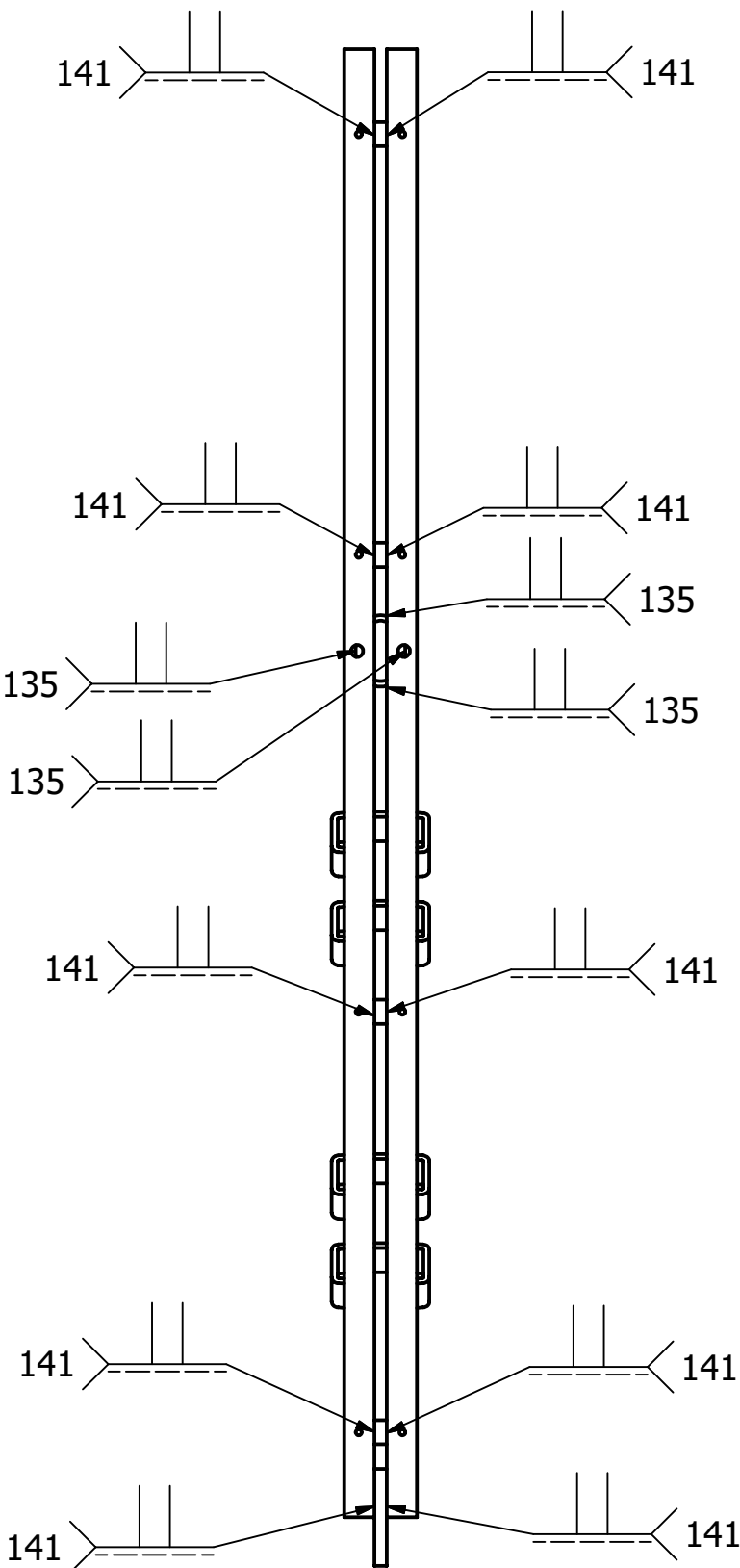
Placering af lasker sker ved at montere lasker
med skruer på nabomodul adskilt af 2 mm spalte
mellem moduler

Designed by Kristoffer Ek	Checked by	Approved by	Date		Date 9/26/2019	
Svejsninger af lasker						
			Beplantet bæredygtig trappe		Edition 1.13	Sheet 6 / 42

Svejsninger i top- og bundmoduler
udføres som i midtermoduler



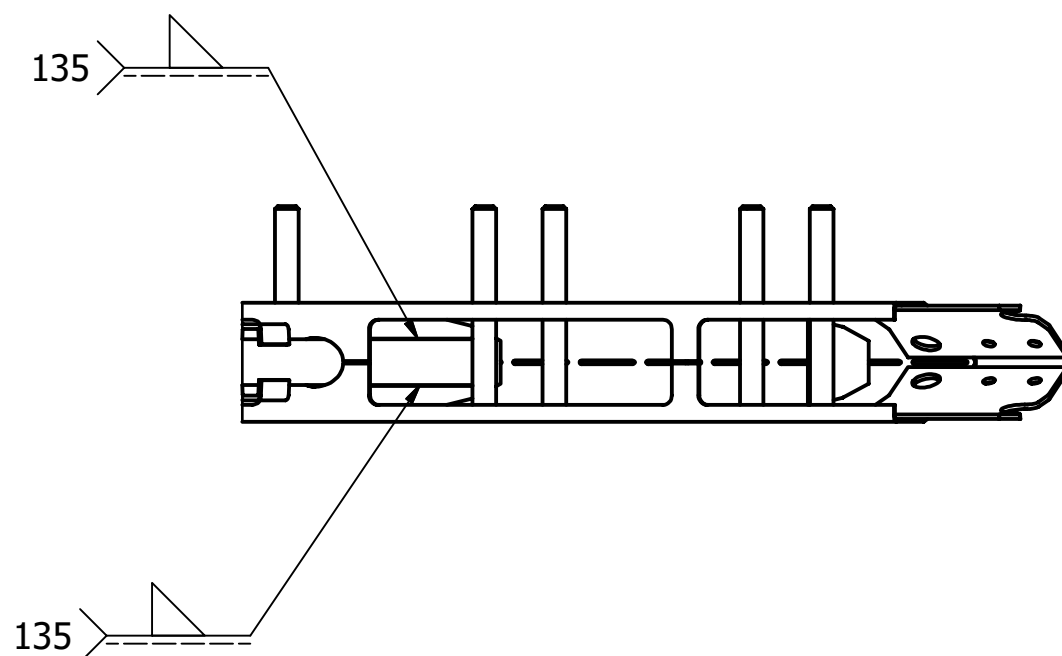
Designed by Kristoffer Ek	Checked by	Approved by	Date		Date 9/26/2019	
Svejsning af stifter						
			Beplantet bæredygtig trappe		Edition 1.13	Sheet 7 / 42



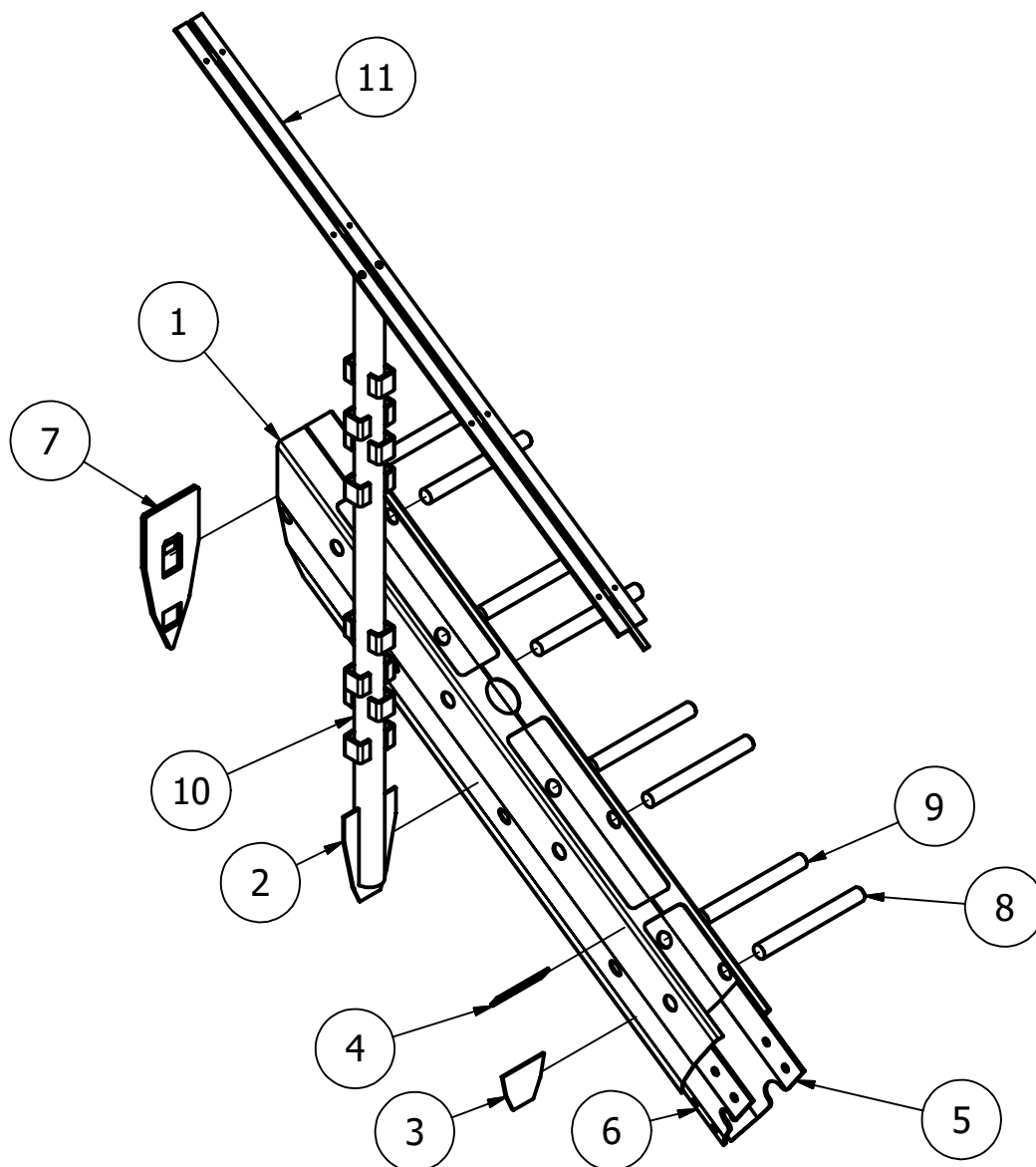
Svejsninger i top- og bundmoduler udføres som i midtermoduler

Designed by Kristoffer Ek	Checked by	Approved by	Date	Date 9/26/2019	
Svejsning af håndfang					
			Beplantet bæredygtig trappe	Edition 1.13	Sheet 8 / 42

Svejsninger i top- og bundmoduler
udføres som i midtermoduler



Designed by Kristoffer Ek	Checked by	Approved by	Date		Date 9/26/2019	
Svejsning af baluster på vange						
			Beplantet bæredygtig trappe		Edition 1.13	Sheet 9 / 42



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

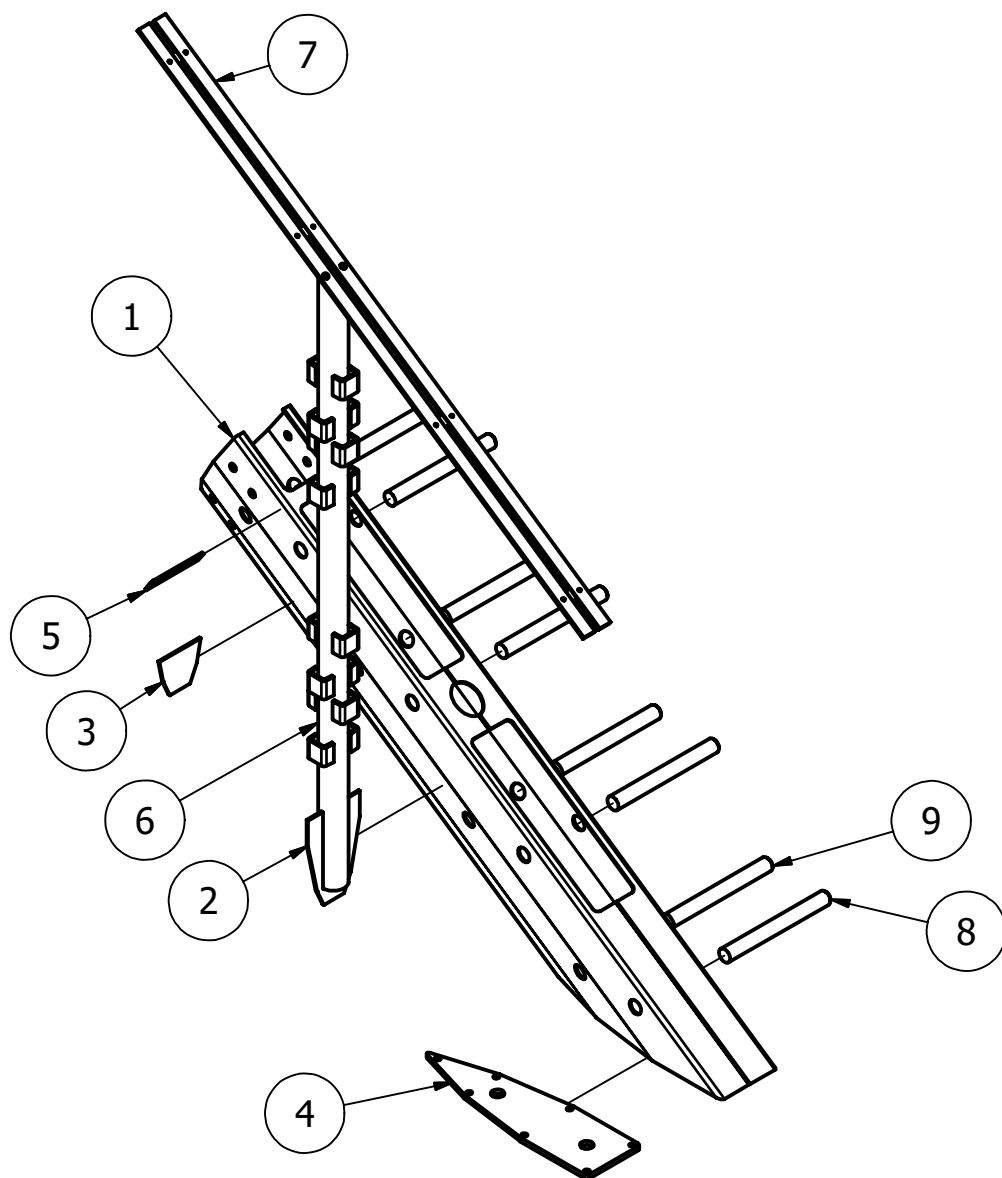
9/26/2019

Modul top

Beplantet bæredygtig trappe

Edition
1.13

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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	trapestift	S355J2	Side 28
9	4	trapestift skrå	S355J2	Side 28

Designed by
Kristoffer Ek

Checked by

Approved by

Date

Date

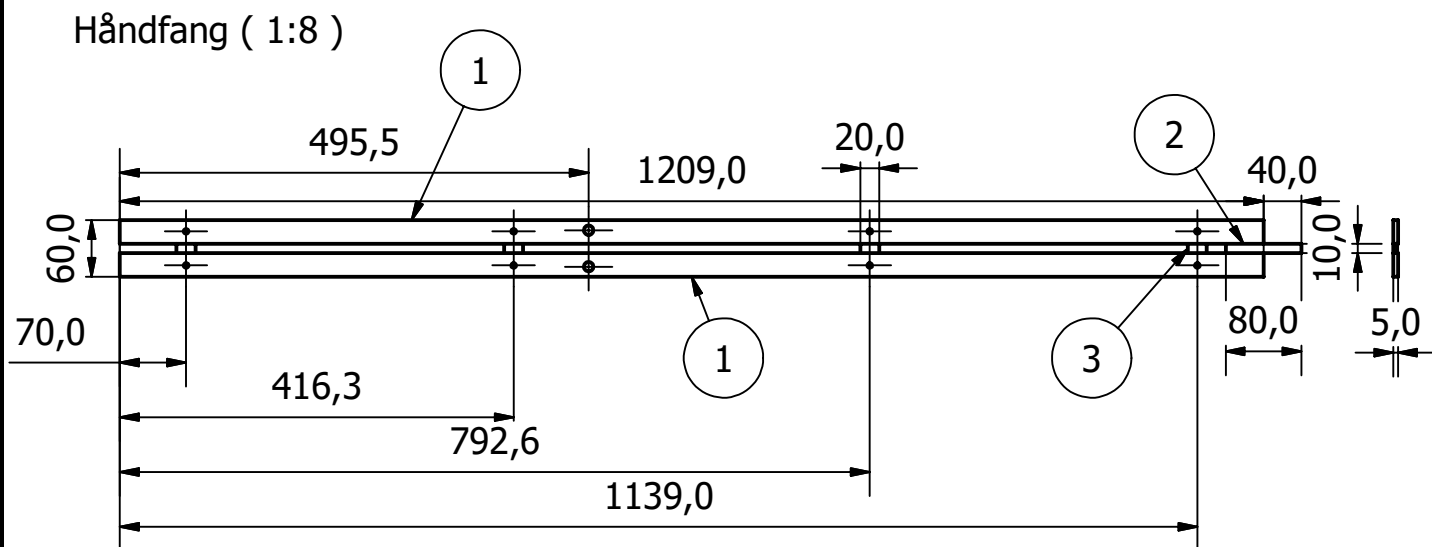
9/26/2019

Modul bund

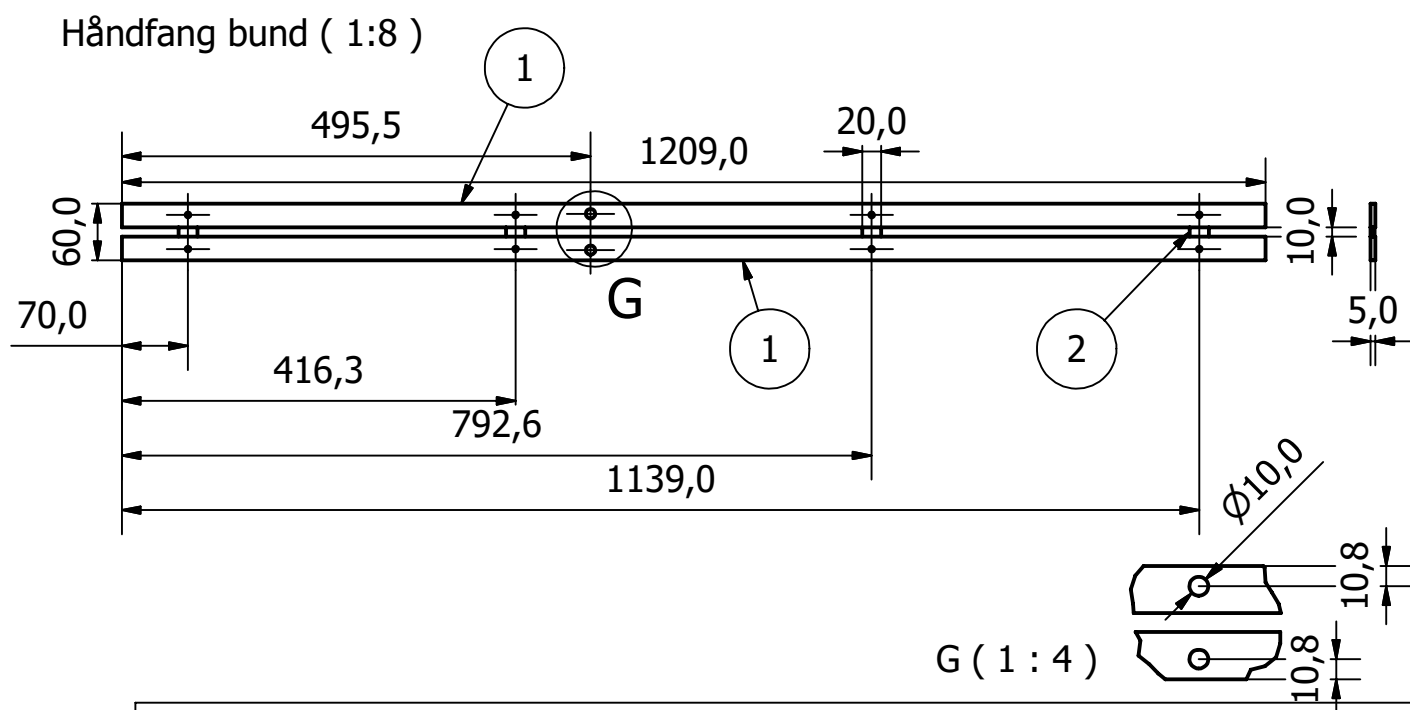
Beplantet bæredygtig trappe

Edition
1.13

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



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

Designed by
Kristoffer Ek

Checked by	
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Approved by

Date _____

Date

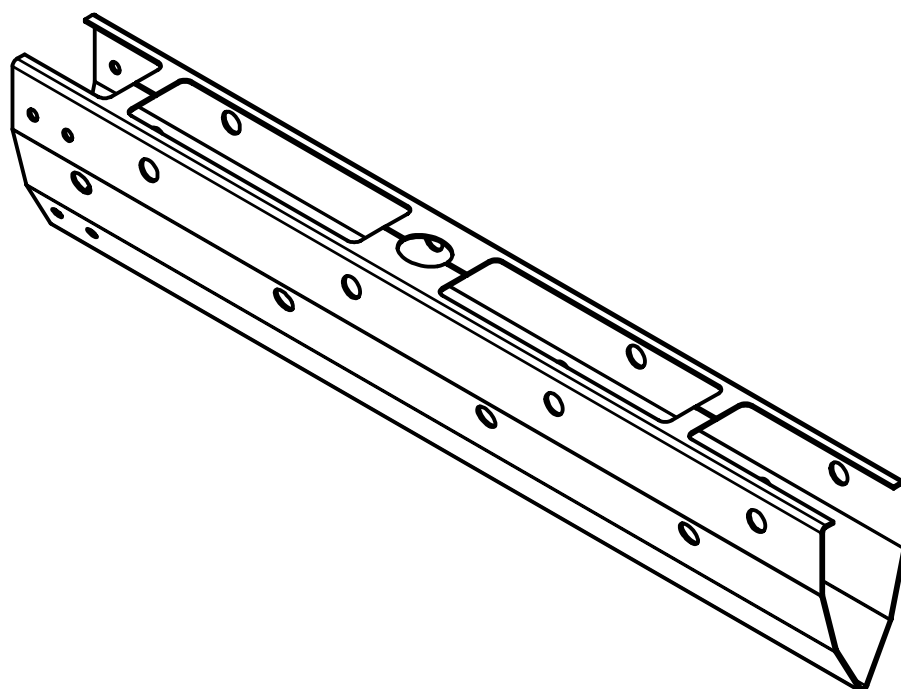
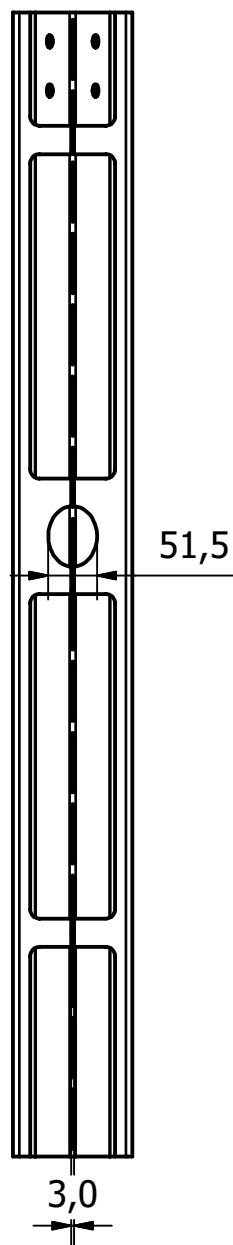
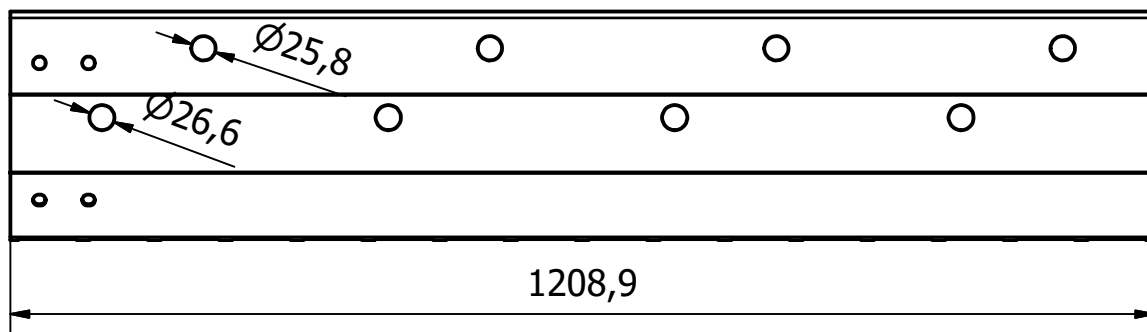
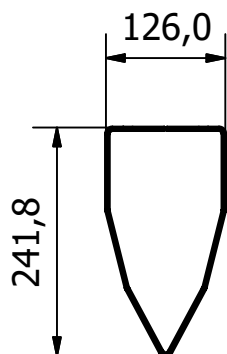
9/26/2019

Håndfang

Beplantet bæredygtig trappe

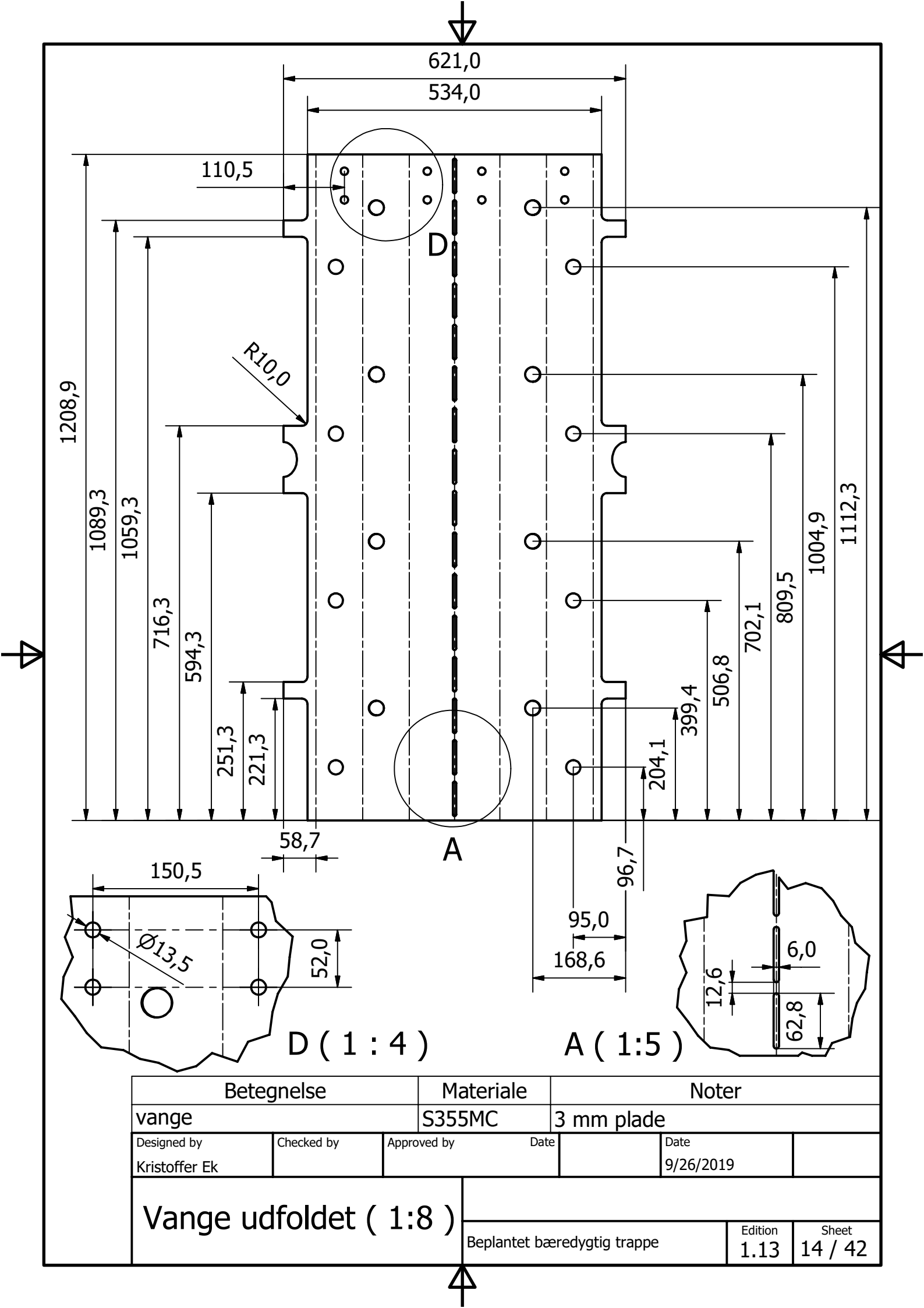
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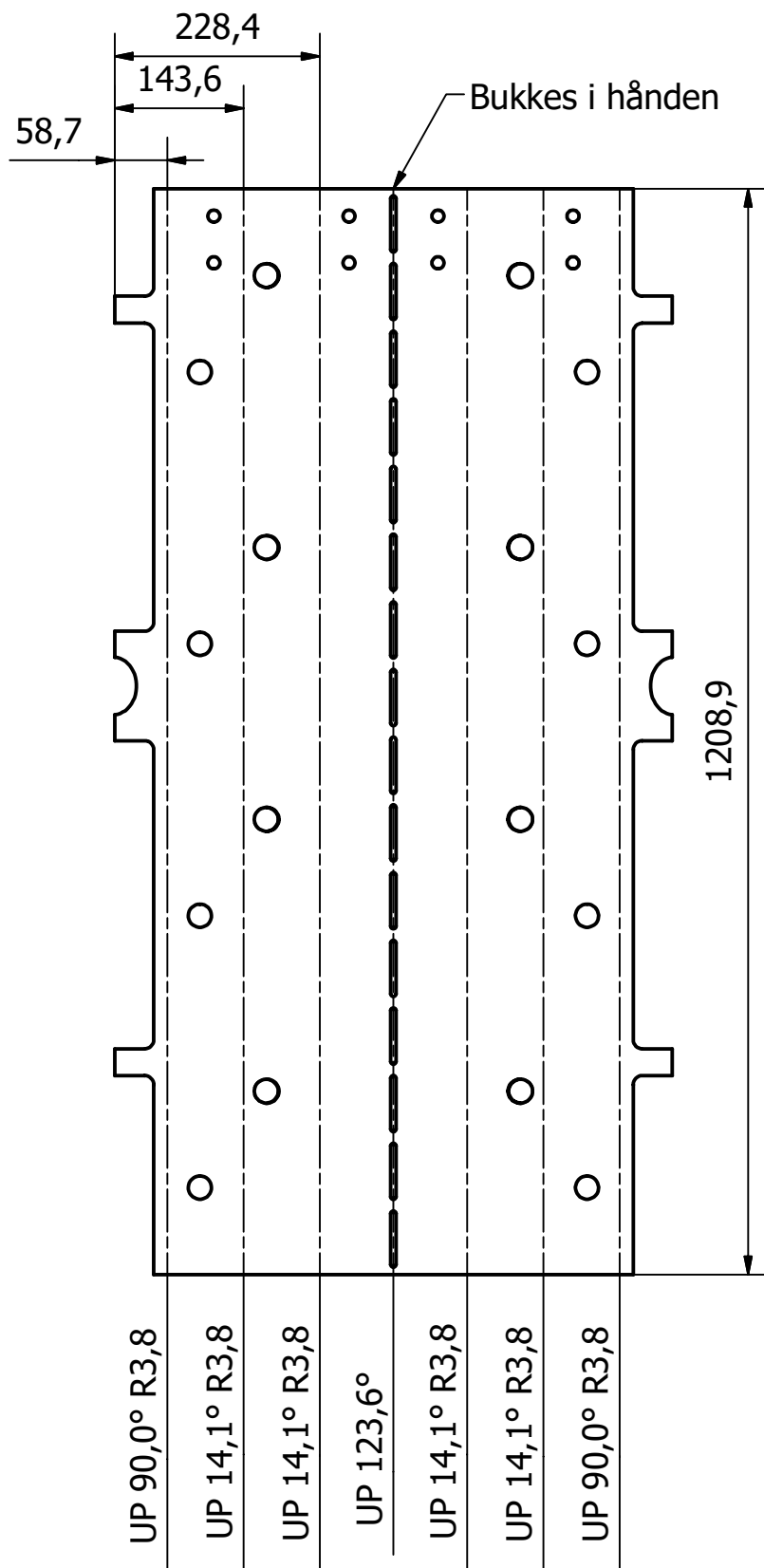


Betegnelse		Materiale		Noter		
vange		S355MC		3 mm plade		
Designed by	Checked by	Approved by		Date		
Kristoffer Ek				9/26/2019		
Vange (1:8)						
			Beplantet bæredygtig trappe		Edition 1.13	Sheet 13 / 42

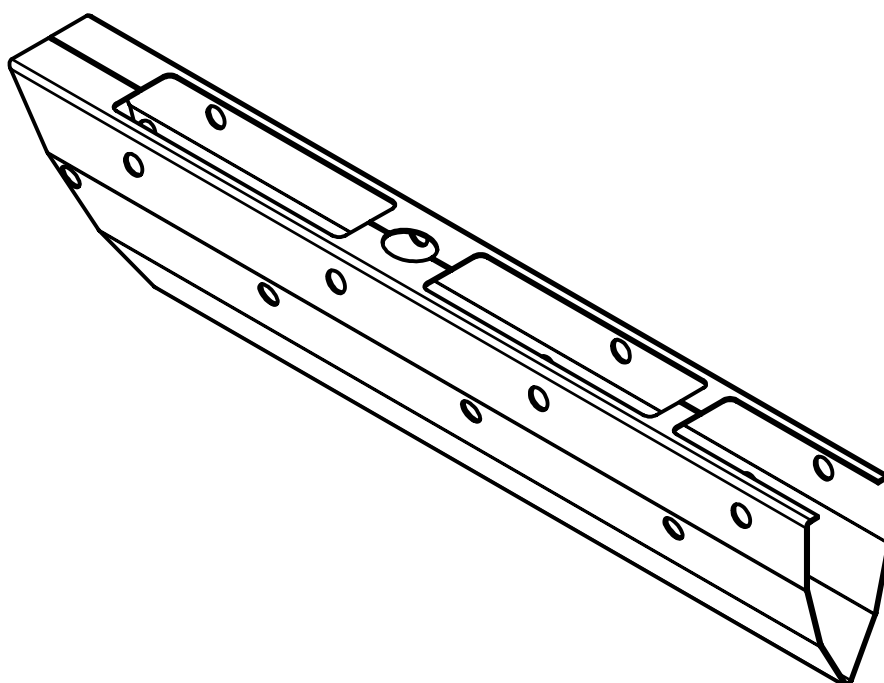
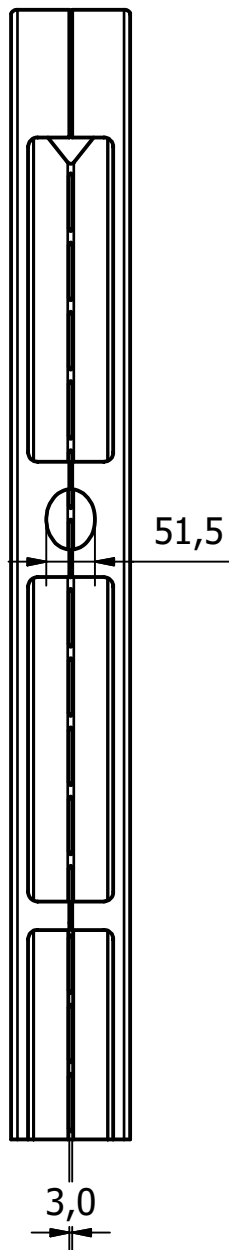
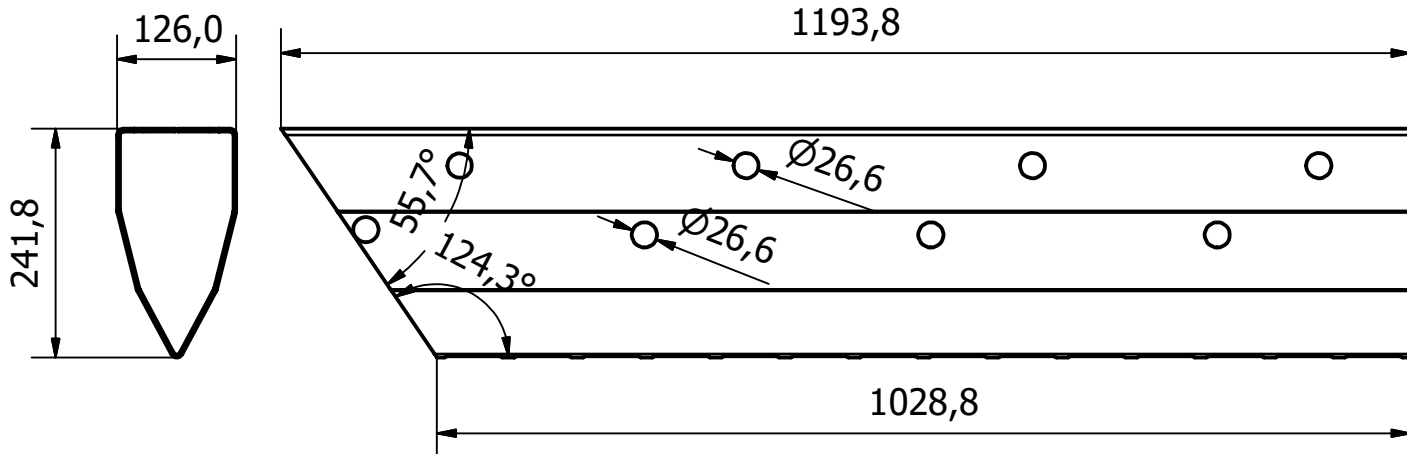




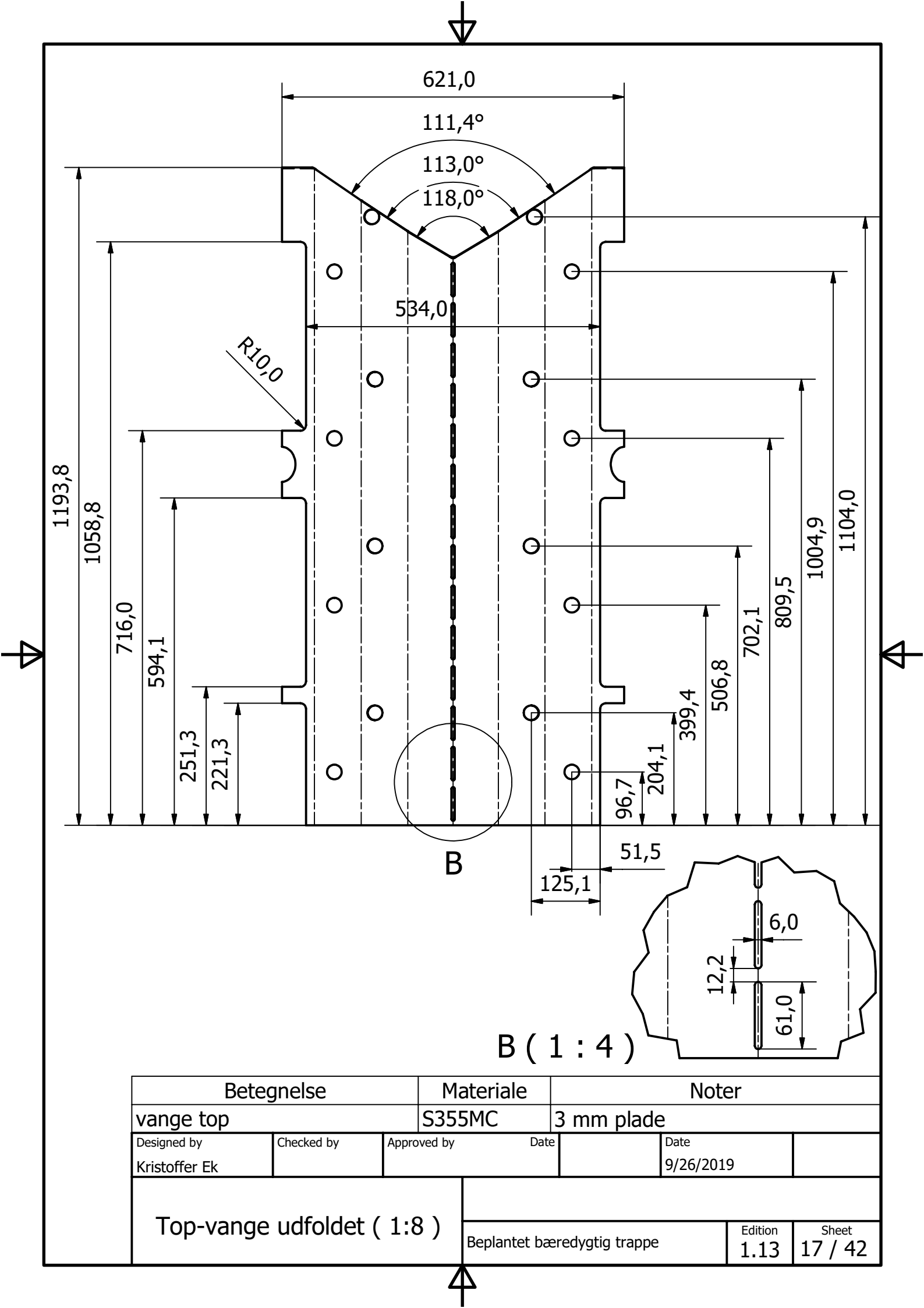
Betegnelse		Materiale		Noter	
vange		S355MC		3 mm plade	
Designed by	Checked by	Approved by		Date	
Kristoffer Ek				9/26/2019	
Vange udfoldet (1:8)					
		Beplantet bæredygtig trappe		Edition 1.13	Sheet 14 / 42



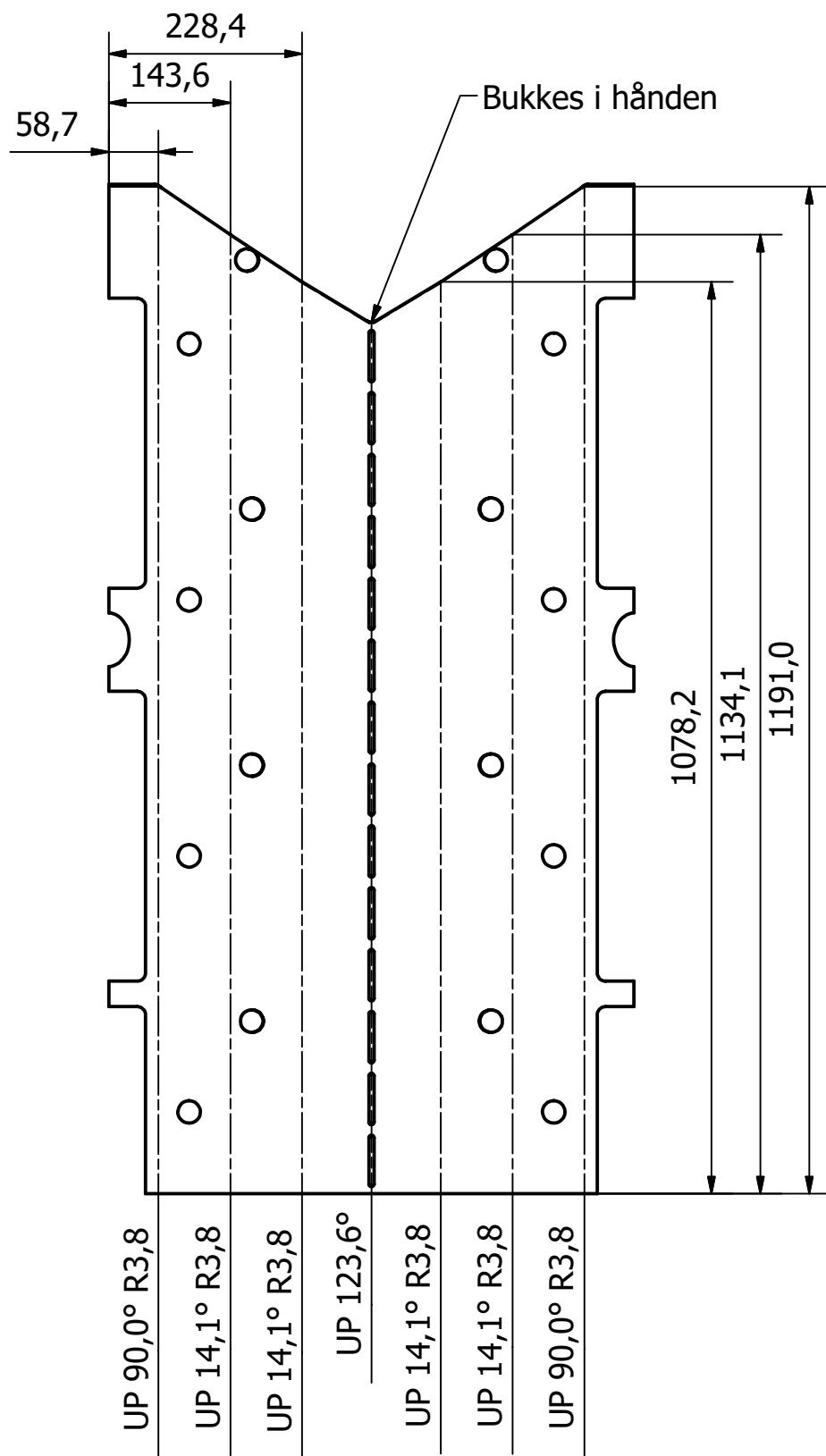
Betegnelse		Materiale		Noter	
vange		S355MC		3 mm plade	
Designed by Kristoffer Ek	Checked by	Approved by		Date 9/26/2019	
Vange buk (1:8)					
		Beplantet bæredygtig trappe		Edition 1.13	Sheet 15 / 42



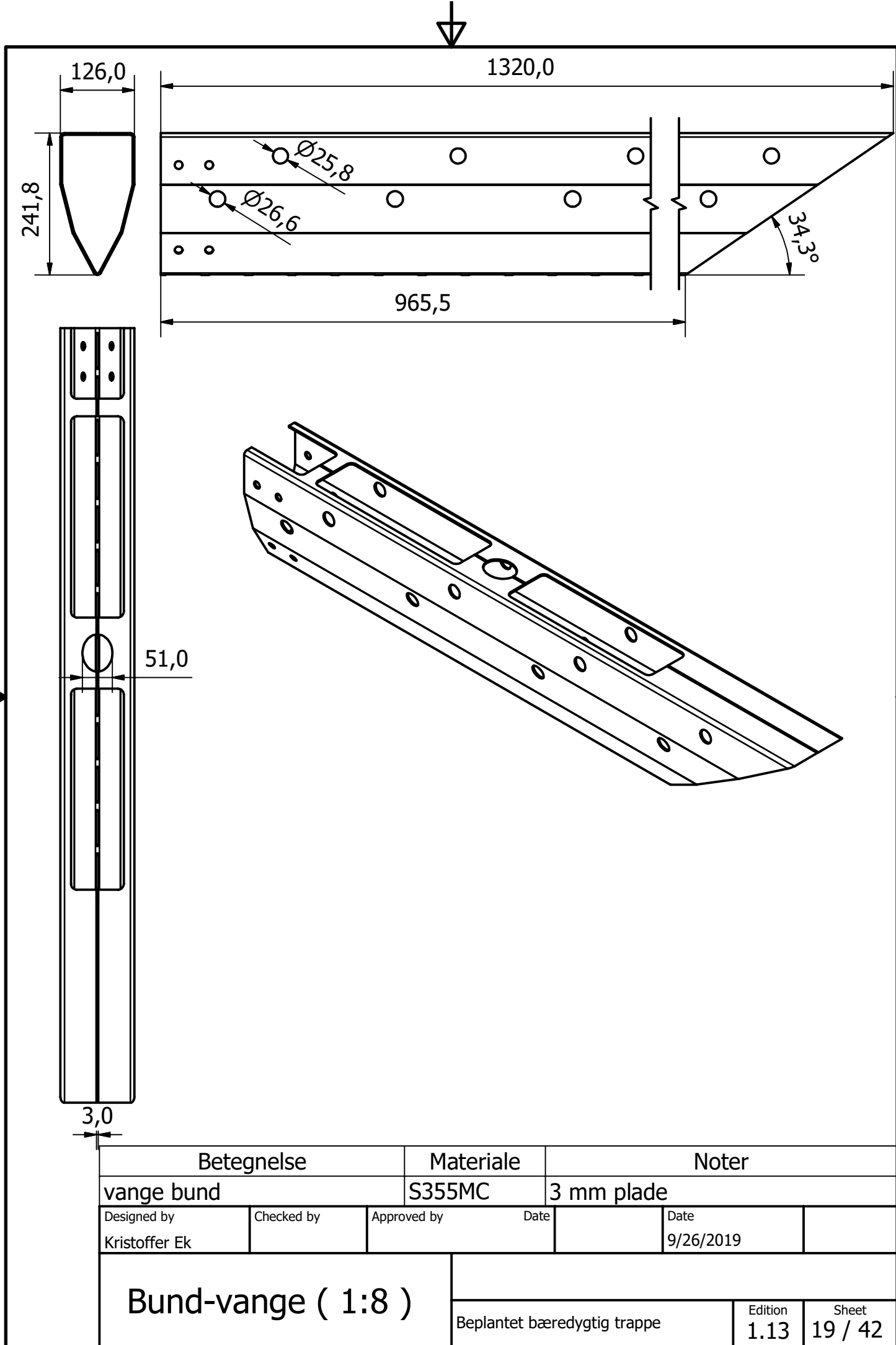
Betegnelse		Materiale		Noter	
vange top		S355MC		3 mm plade	
Designed by	Checked by	Approved by		Date	
Kristoffer Ek				9/26/2019	
Top-vange (1:8)					
		Beplantet bæredygtig trappe		Edition 1.13	Sheet 16 / 42

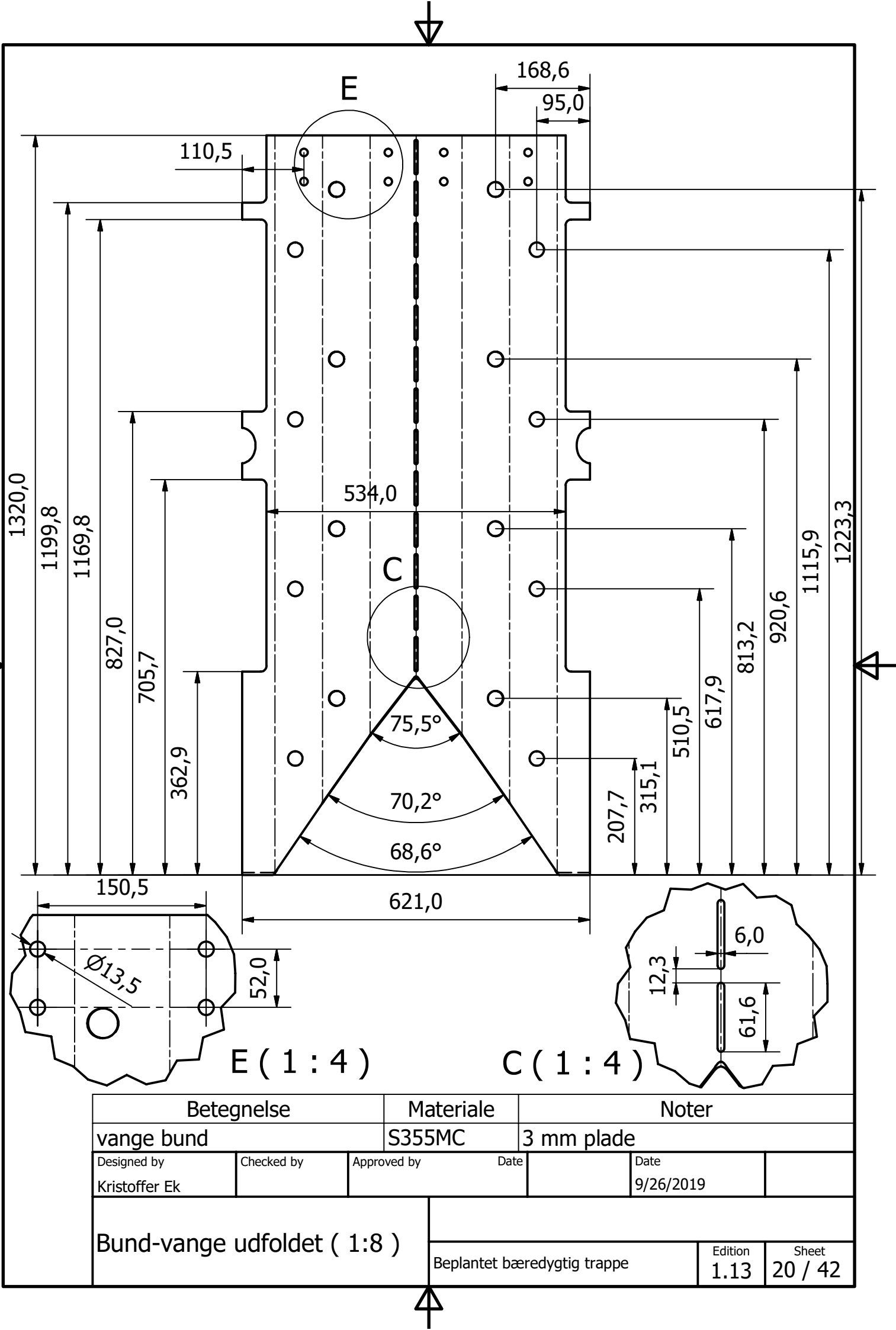


Betegnelse		Materiale		Noter	
vange top		S355MC		3 mm plade	
Designed by	Checked by	Approved by		Date	
Kristoffer Ek				9/26/2019	
Top-vange udfoldet (1:8)					
		Beplantet bæredygtig trappe		Edition 1.13	Sheet 17 / 42

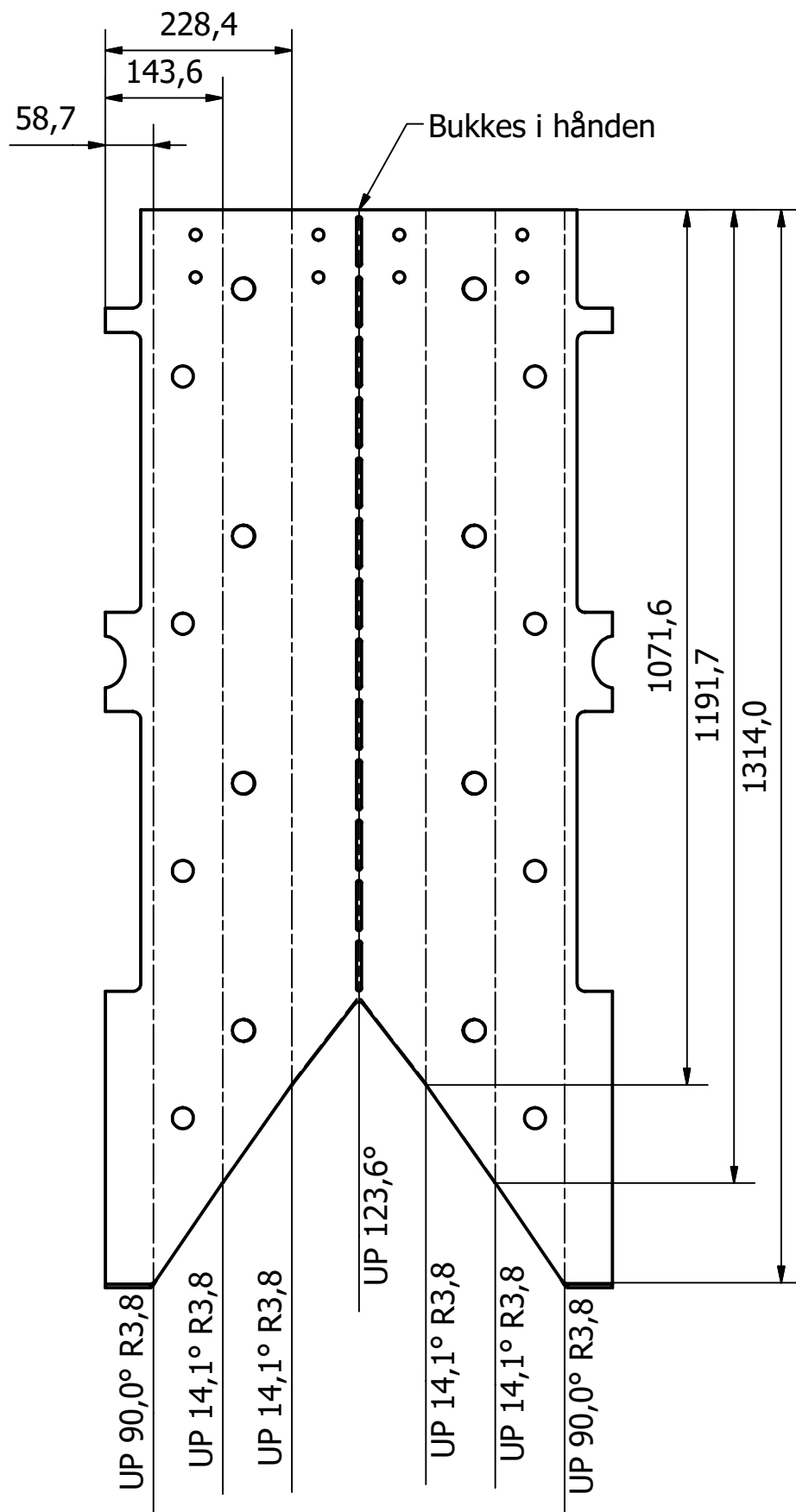


Betegnelse		Materiale		Noter	
vange top		S355MC		3 mm plade	
Designed by Kristoffer Ek	Checked by	Approved by	Date	Date 9/26/2019	
Top-vange buk (1:8)					
			Beplantet bæredygtig trappe	Edition 1.13	Sheet 18 / 42

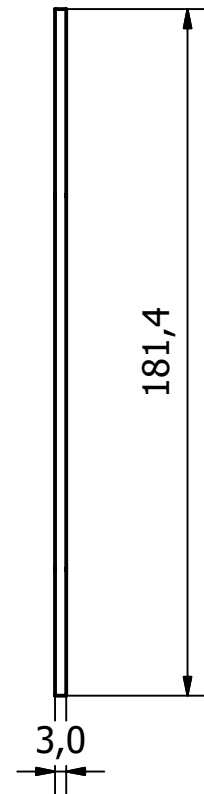
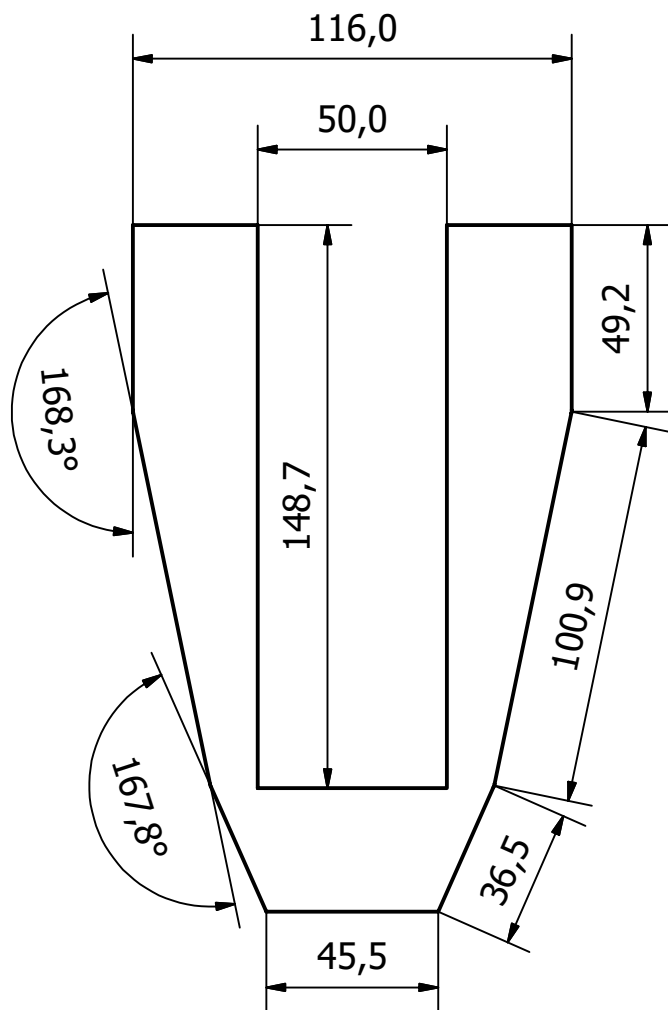




Betegnelse		Materiale		Noter	
vange bund		S355MC		3 mm plade	
Designed by	Checked by	Approved by	Date		Date
Kristoffer Ek					9/26/2019
Bund-vange udfoldet (1:8)					
		Beplantet bæredygtig trappe		Edition 1.13	Sheet 20 / 42



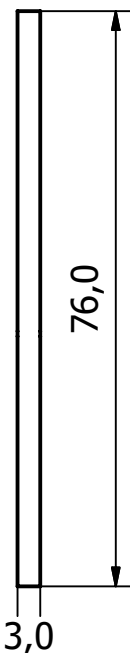
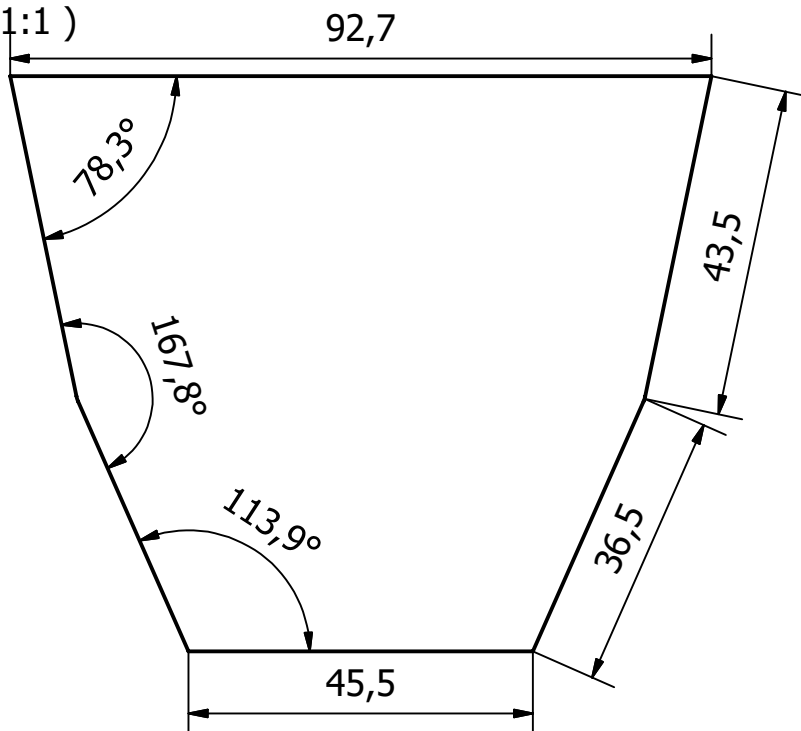
Betegnelse		Materiale		Noter	
vange bund		S355MC		3 mm plade	
Designed by	Checked by	Approved by		Date	
Kristoffer Ek				9/26/2019	
Bund-vange buk (1:8)					
		Beplantet bæredygtig trappe		Edition 1.13	Sheet 21 / 42



Betegnelse		Materiale		Noter	
baluster-fod		S355MC		3 mm plade	
Designed by Kristoffer Ek	Checked by	Approved by		Date 9/26/2019	
Baluster-fod (1 : 2)					
		Beplantet bæredygtig trappe		Edition 1.13	Sheet 22 / 42

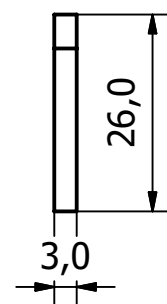
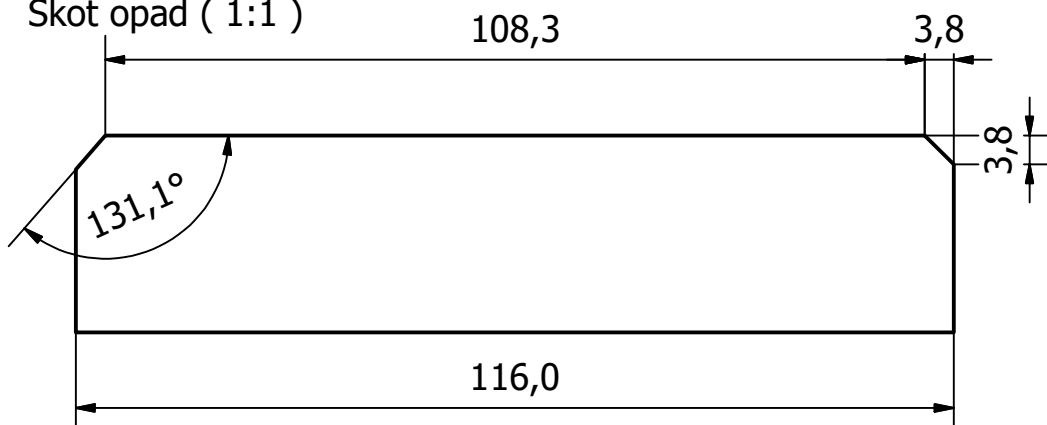


Skot (1:1)



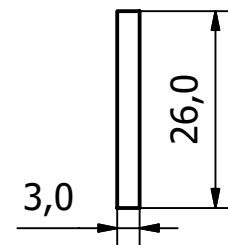
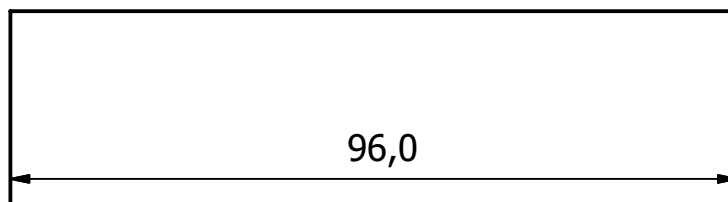
Betegnelse	Materiale	Noter
skot	S355MC	3 mm plade

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 9/26/2019	
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Skot

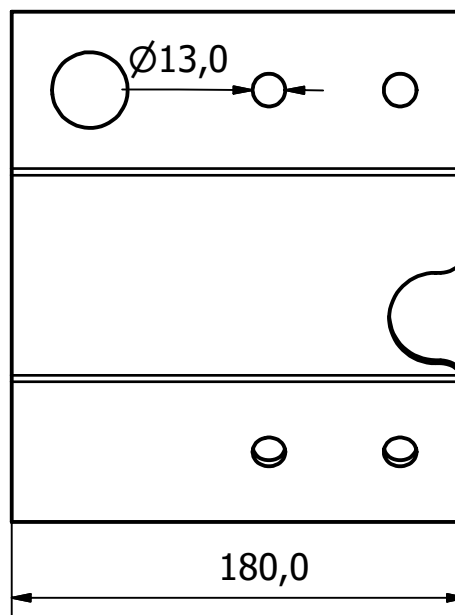
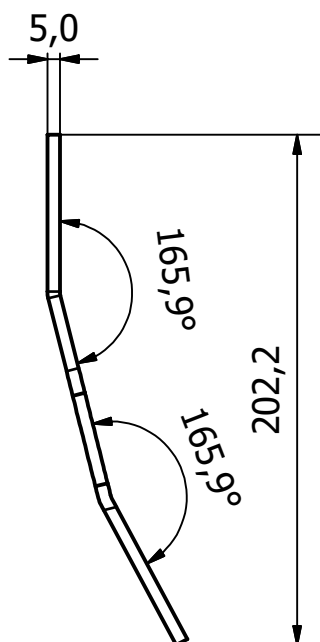
Beplantet bæredygtig trappe

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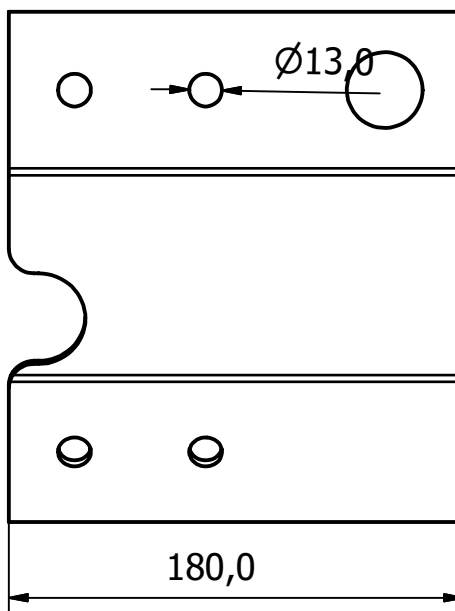
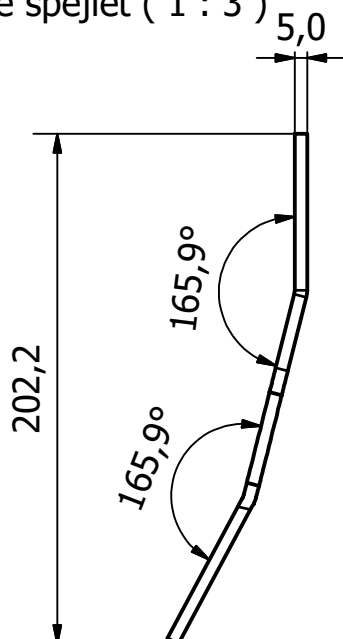


Laske (1 : 3)



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 9/26/2019
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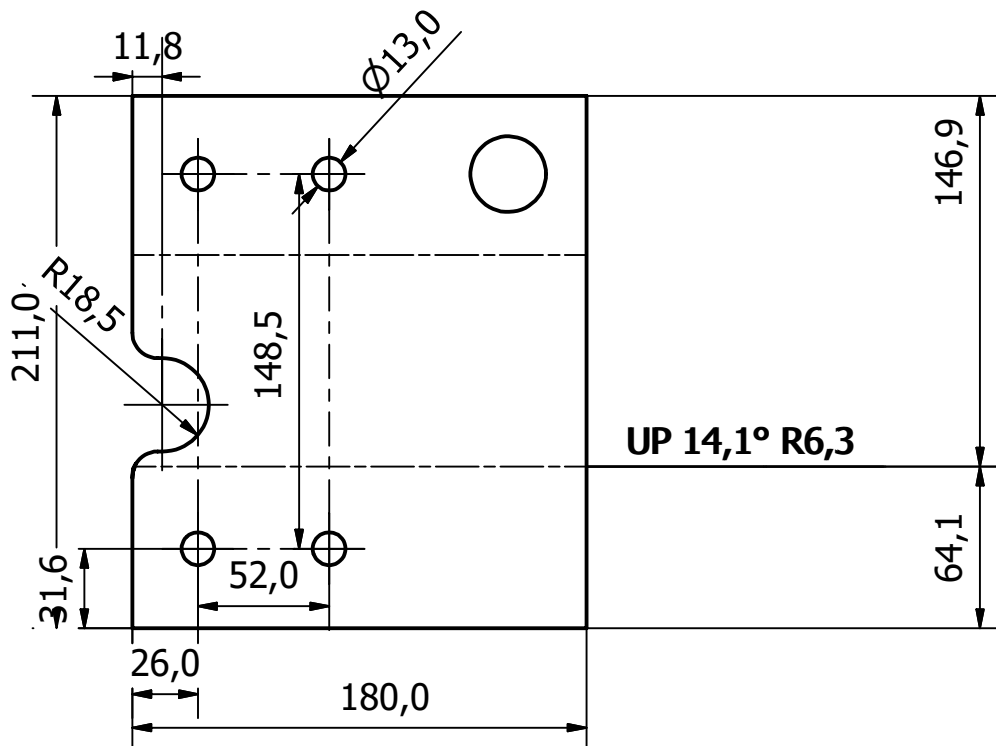
Lasker

Beplantet bæredygtig trappe

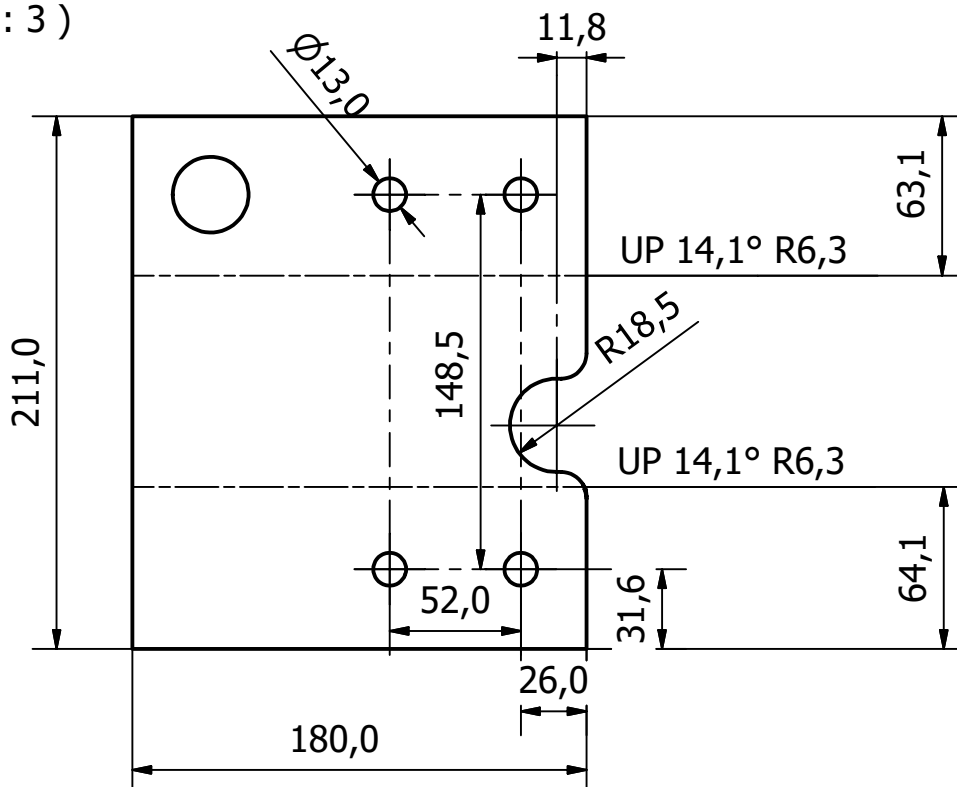
Edition
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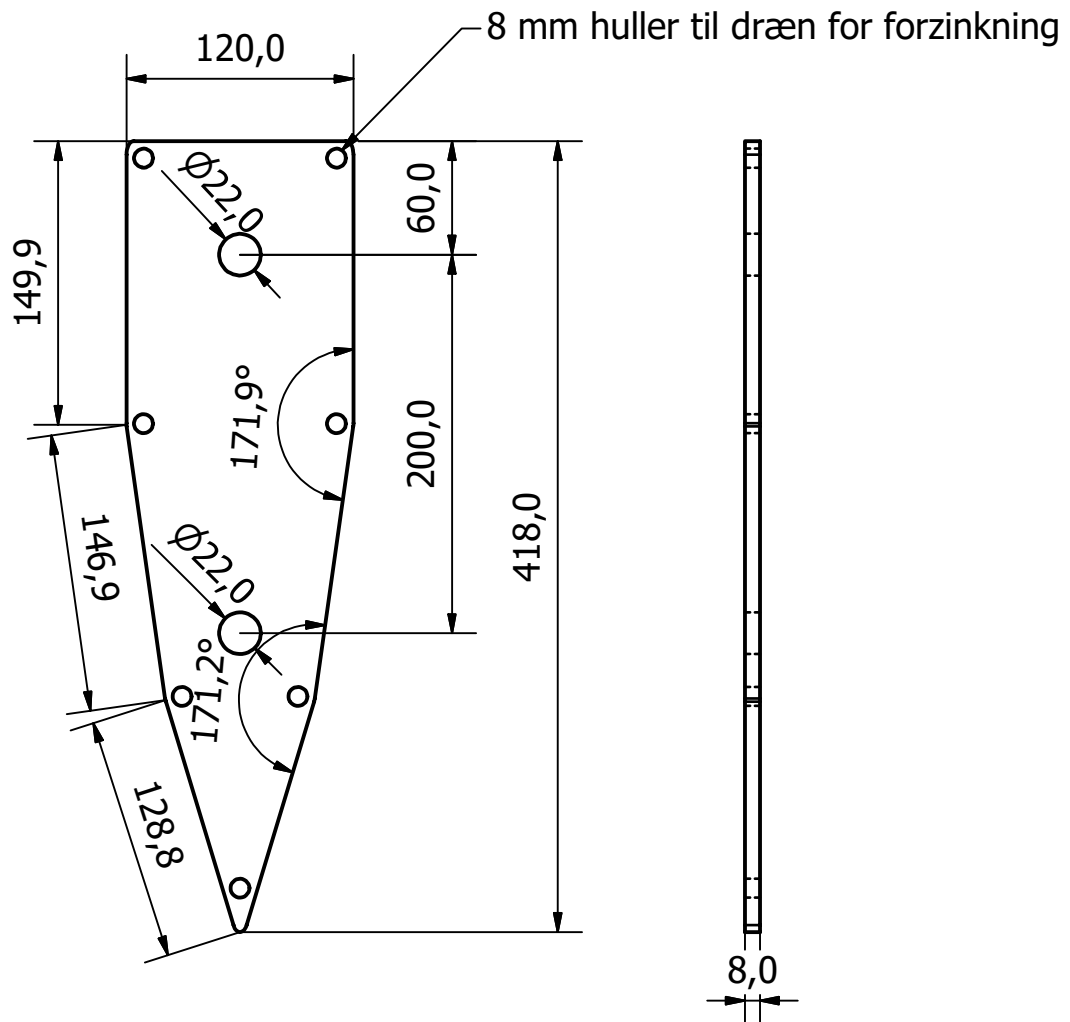
Laske (1 : 3)



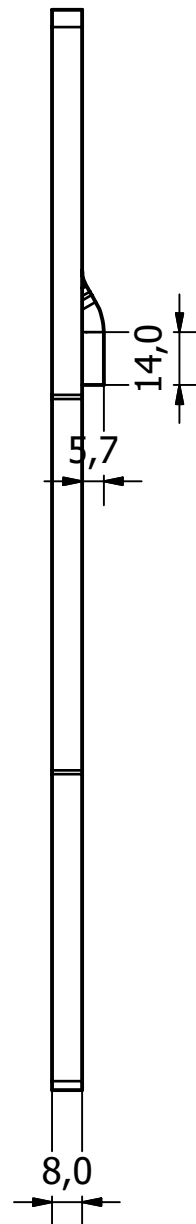
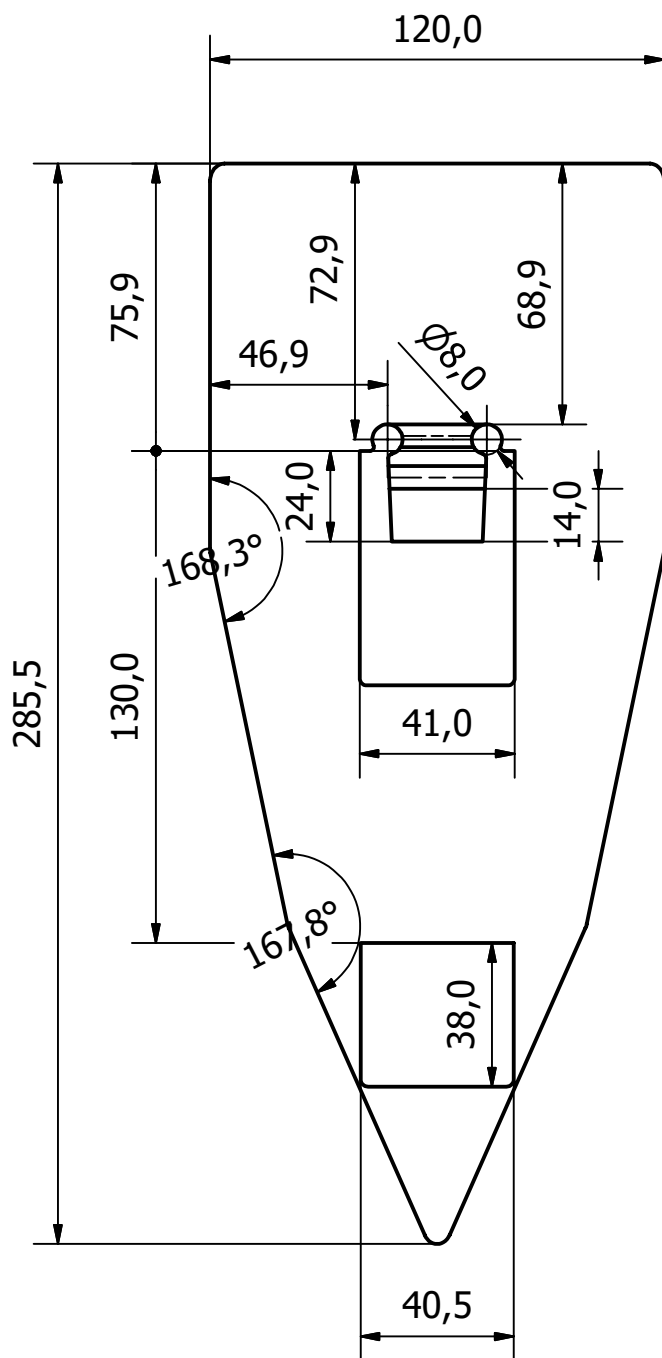
Laske spejlet (1 : 3)



Betegnelse		Materiale		Noter	
laske spejlet		S355MC		5 mm plade	
Designed by	Checked by	Approved by		Date	
Kristoffer Ek				9/26/2019	
Lasker buk					
		Beplantet bæredygtig trappe		Edition 1.13	Sheet 25 / 42

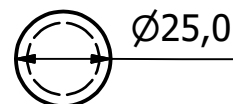
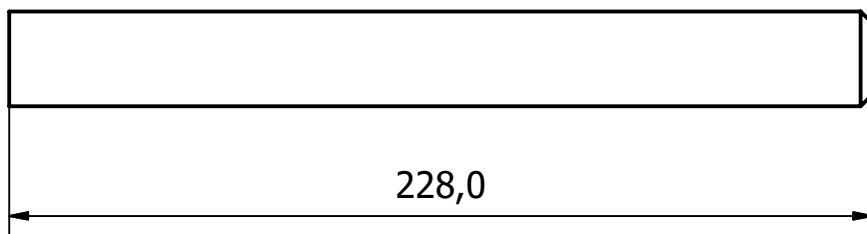


Betegnelse		Materiale		Noter	
bund vange-endeplade		S235JR		8 mm plade	
Designed by Kristoffer Ek	Checked by	Approved by		Date 9/26/2019	
Bund-vange-endeplade (1:4)					
		Beplantet bæredygtig trappe		Edition 1.13	Sheet 26 / 42



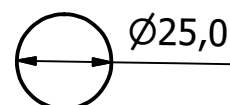
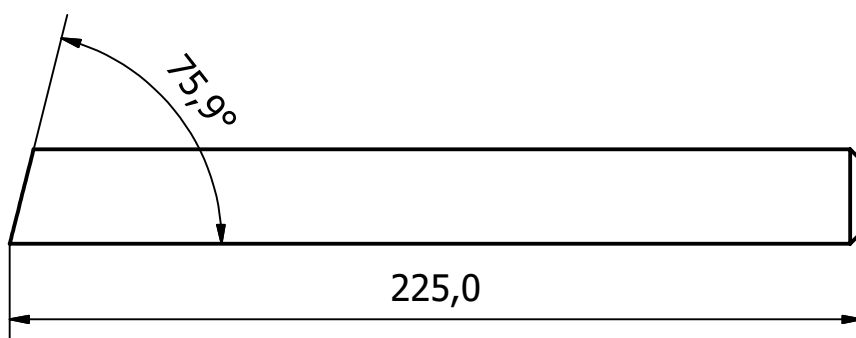
Betegnelse		Materiale		Noter	
top vange-endeplade		S235JR		8 mm plade	
Designed by	Checked by	Approved by		Date	
Kristoffer Ek				9/26/2019	
Top vange-endeplade (1:2)					
		Beplantet bæredygtig trappe		Edition	Sheet
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Trappestift (1:2)



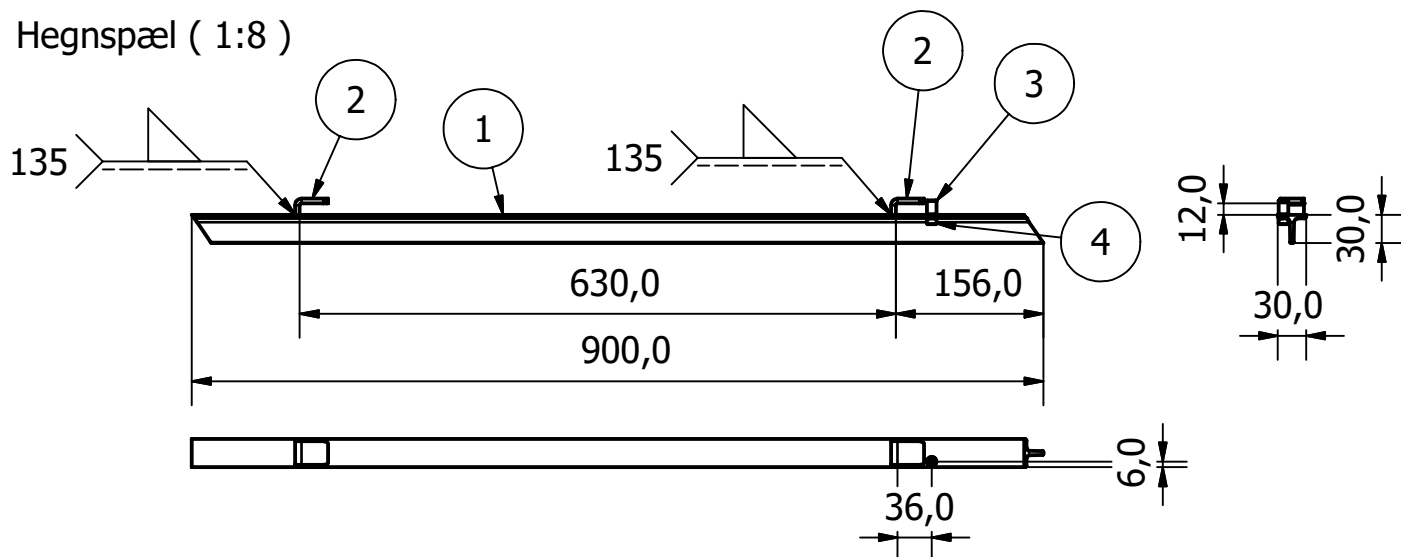
Betegnelse	Materiale	Noter
trappestift	S355J2	

Trappestift skrå (1:2)



Betegnelse		Materiale		Noter		
trappestift skrå		S355J2		Ø25 stangstål		
Designed by	Checked by	Approved by		Date		
Kristoffer Ek				9/26/2019		
				Beplantet bæredygtig trappe		
				Edition	Sheet	
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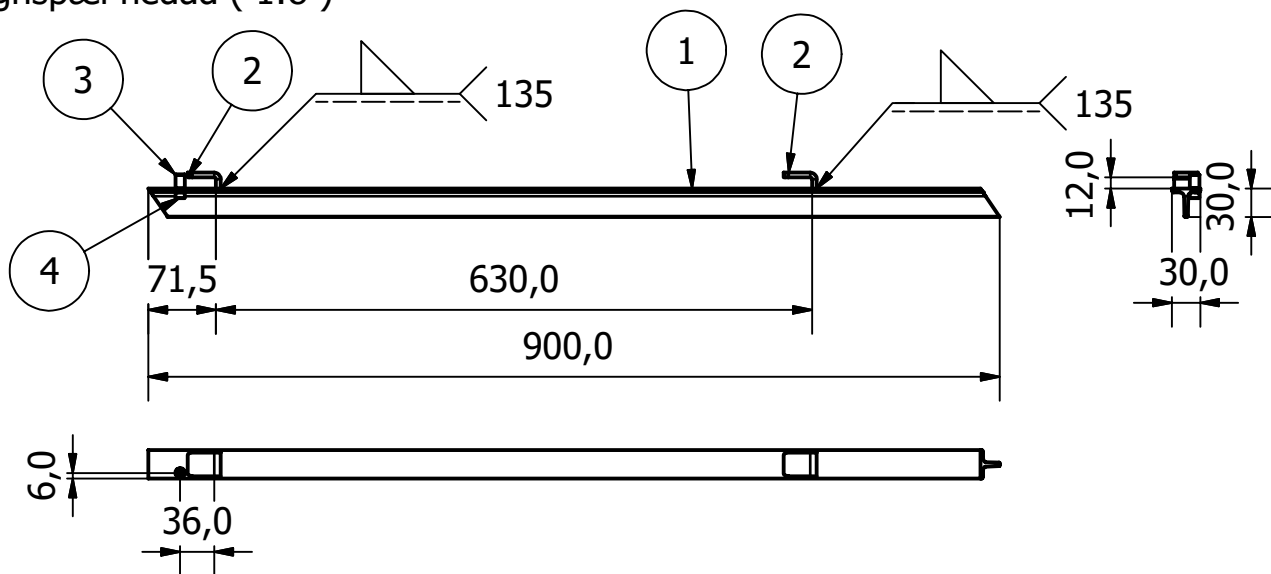
Hegnspæl (1:8)



STYKLISTE

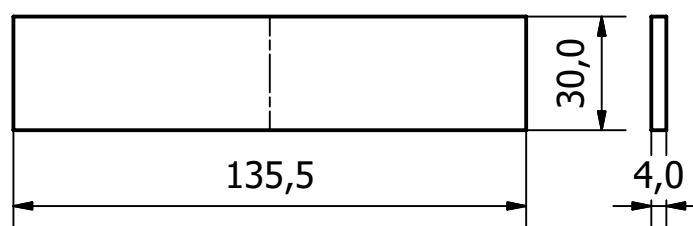
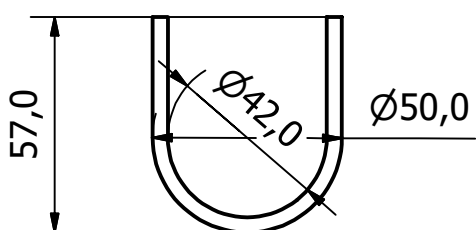
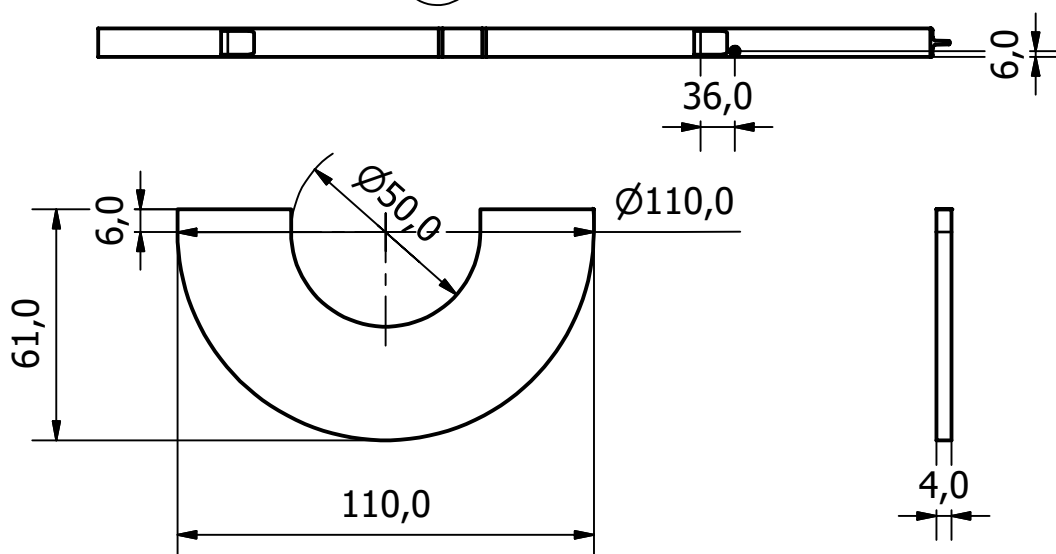
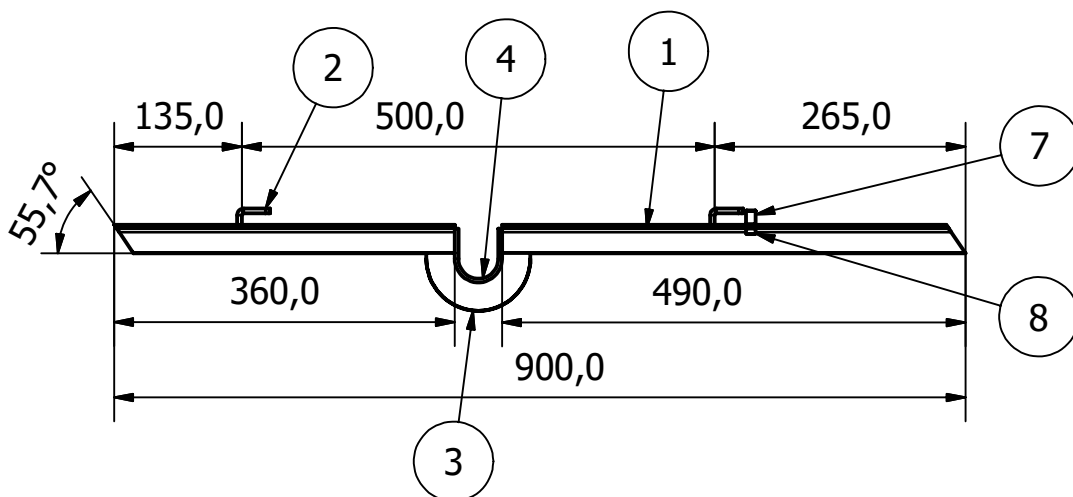
#	Antal	Betegnelse	Materiale	Noter
1	900.000 mm	DIN 1024 - T30-900	Steel, Mild	
2	2	hage	Steel	25x5
3	1	gevindmuffe	Steel	M6 15x10
4	1	ISO 4762 - M6 x	A4	
		16(1)		

Hegnspæl nedad (1:8)

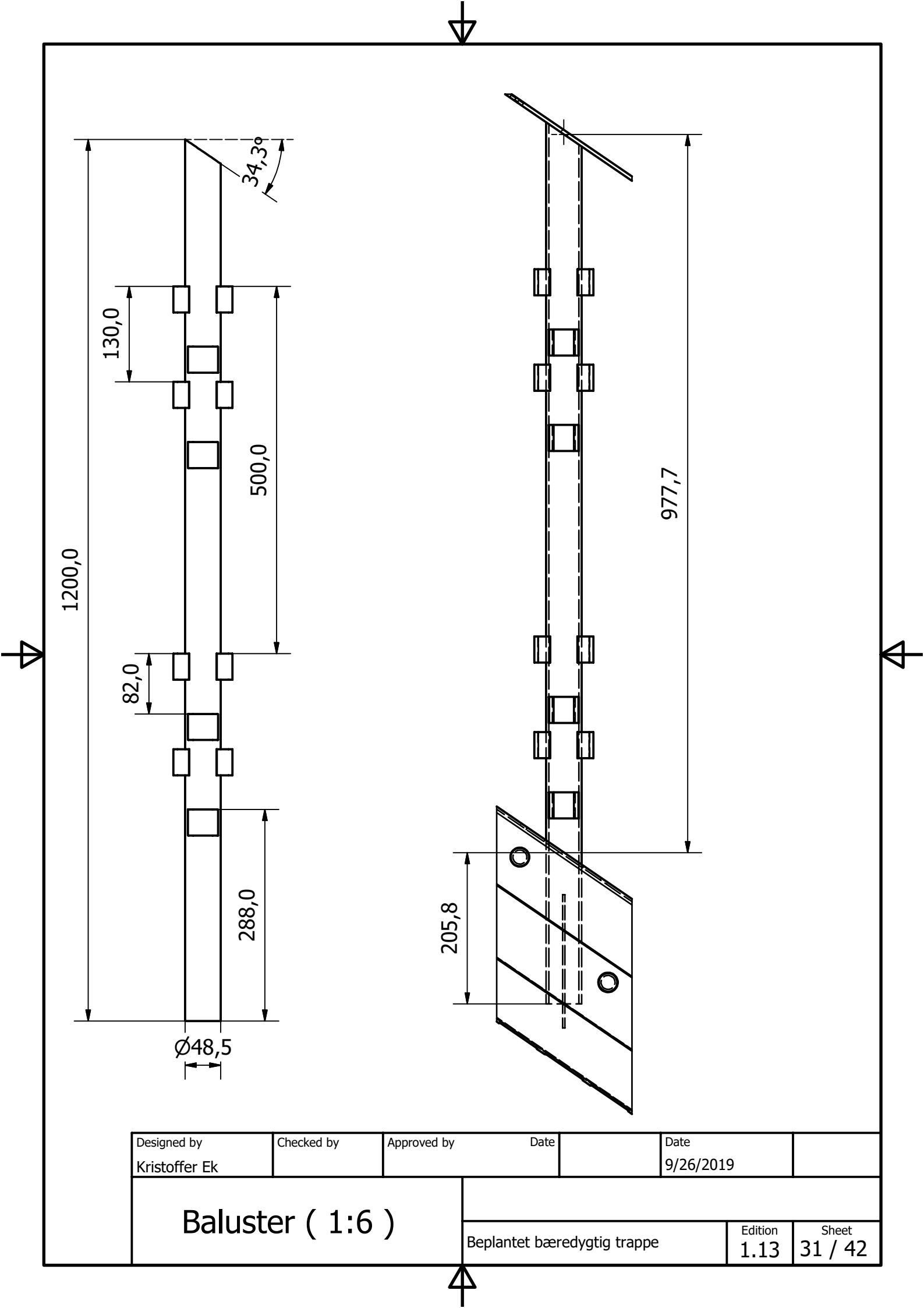


STYKLISTE

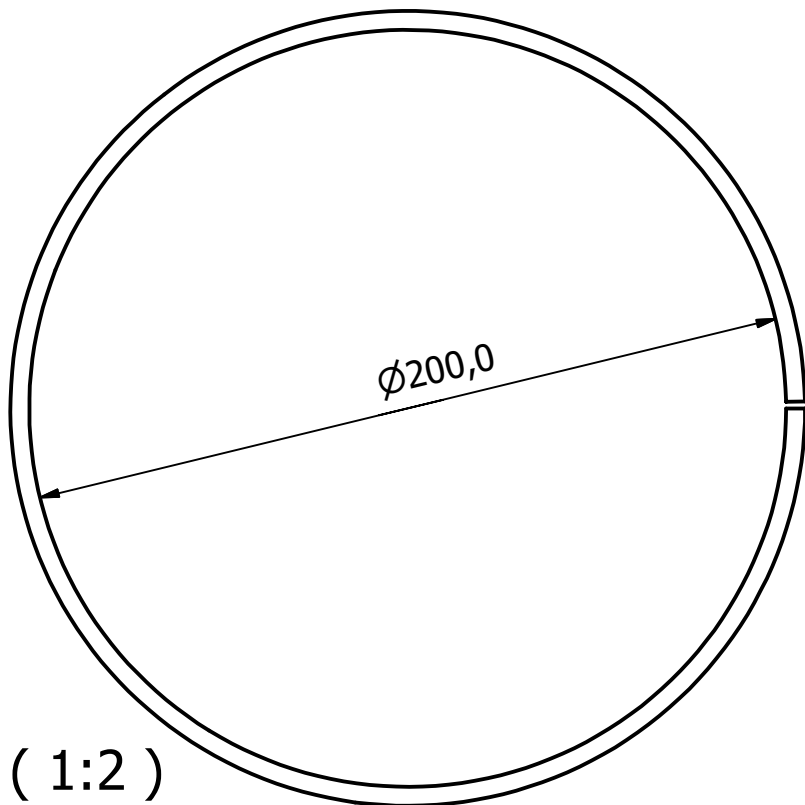
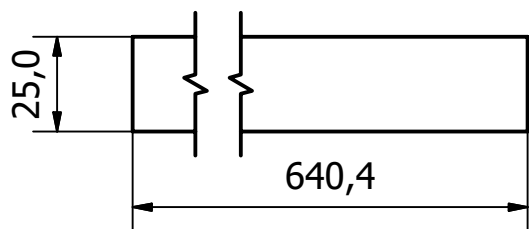
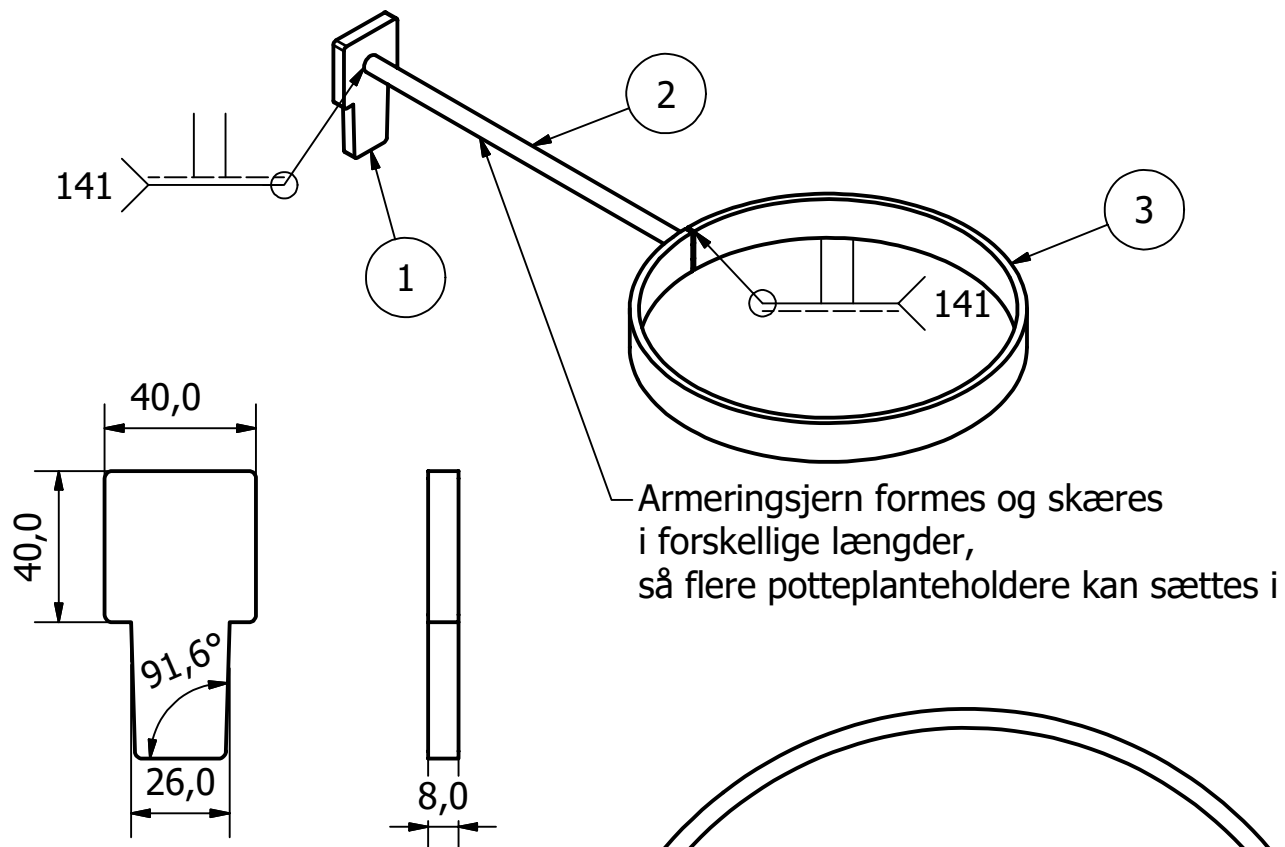
#	Antal	Betegnelse	Materiale	Noter
1	900.000 mm	DIN 1024 - T30-900	Steel, Mild	
2	2	hage	Steel	25x5
3	1	gevindmuffe	Steel	M6 15x10
4	1	ISO 4762 - M6 x	A4	
Designed by	Checked by	16(1)	Approved by	Date
Kristoffer Ek				9/26/2019



#	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(1)	A4			
Designed by Kristoffer Ek		Checked by	Approved by	Date	Date
					9/26/2019
Hegnspæl platform (1:8)					
			Beplantet bæredygtig trappe	Edition 1.13	Sheet 30 / 42



Designed by Kristoffer Ek	Checked by	Approved by	Date	Date 9/26/2019	
Baluster (1:6)			Beplantet bæredygtig trappe		
			Edition 1.13	Sheet 31 / 42	



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

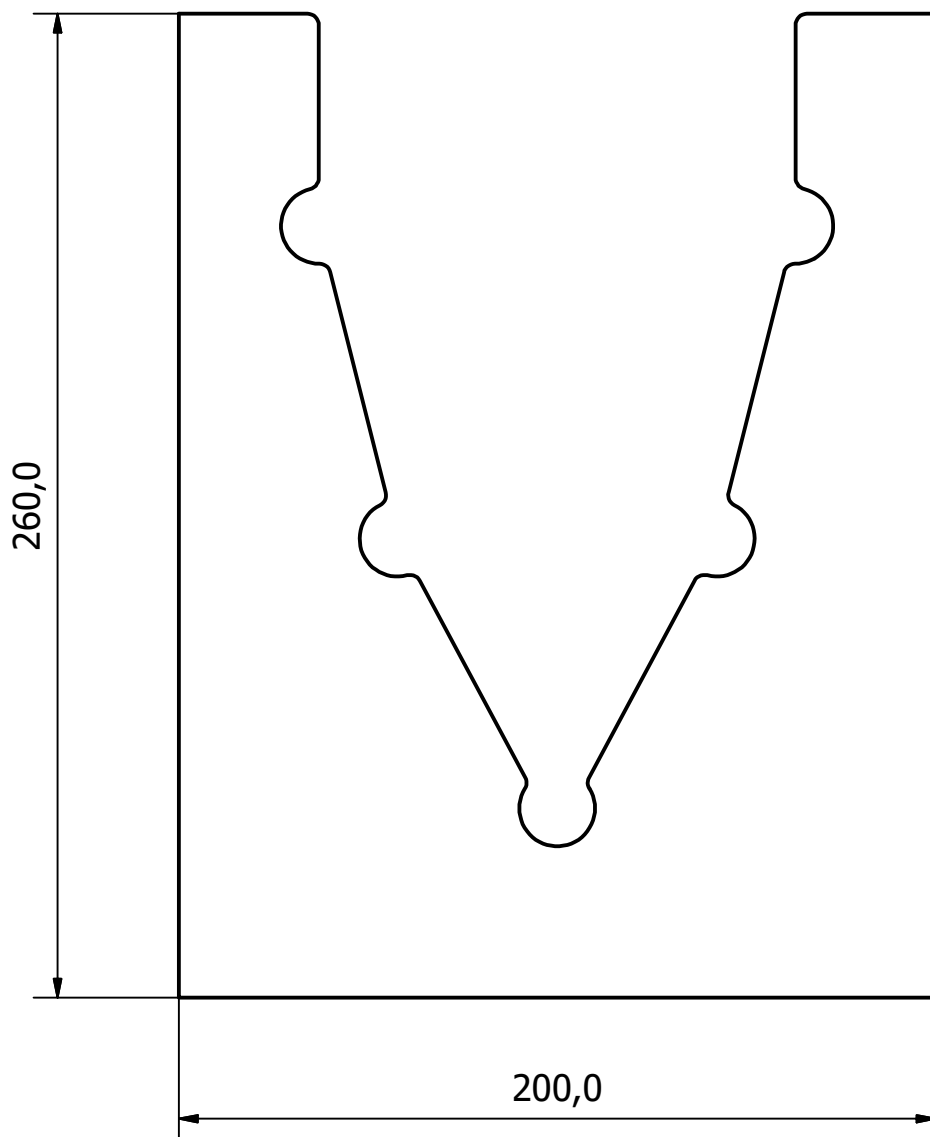
9/26/2019

Potteplanteholder (1 : 4)

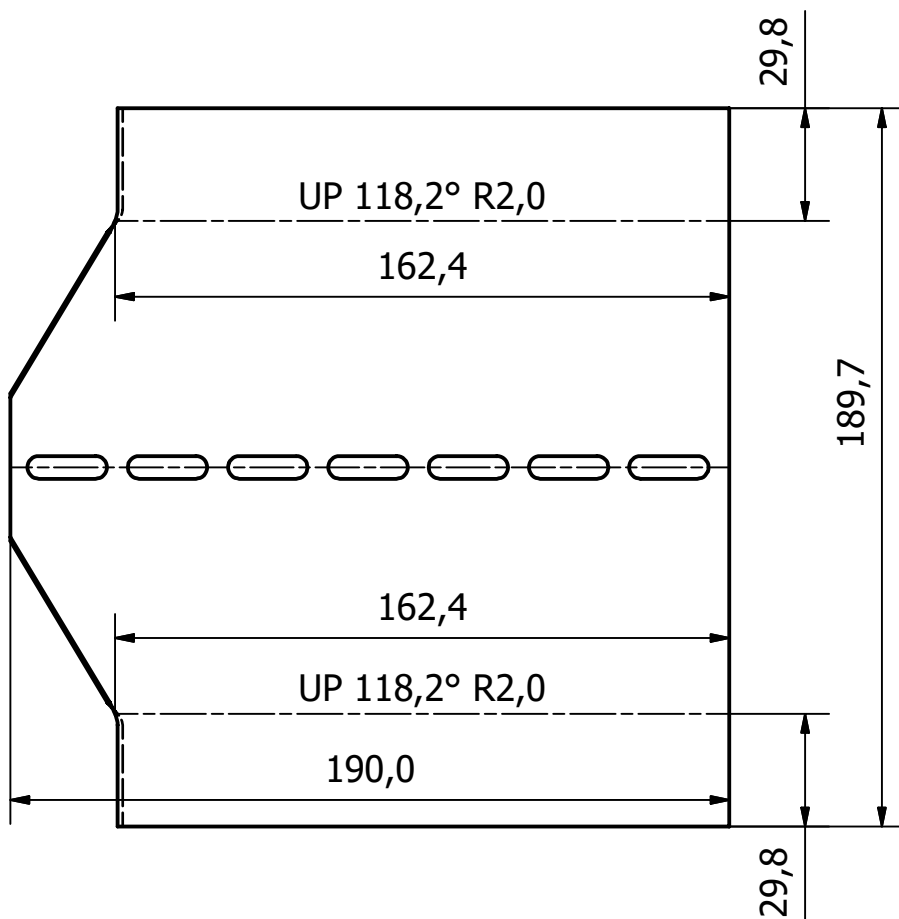
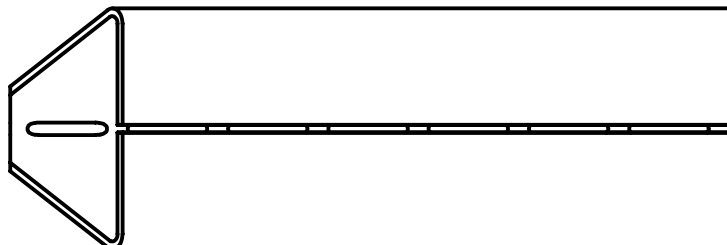
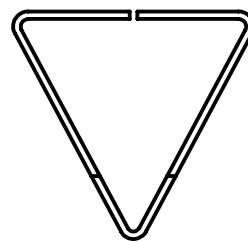
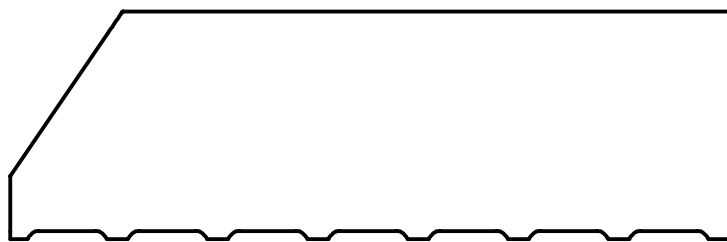
Beplantet bæredygtig trappe

Edition
1.13

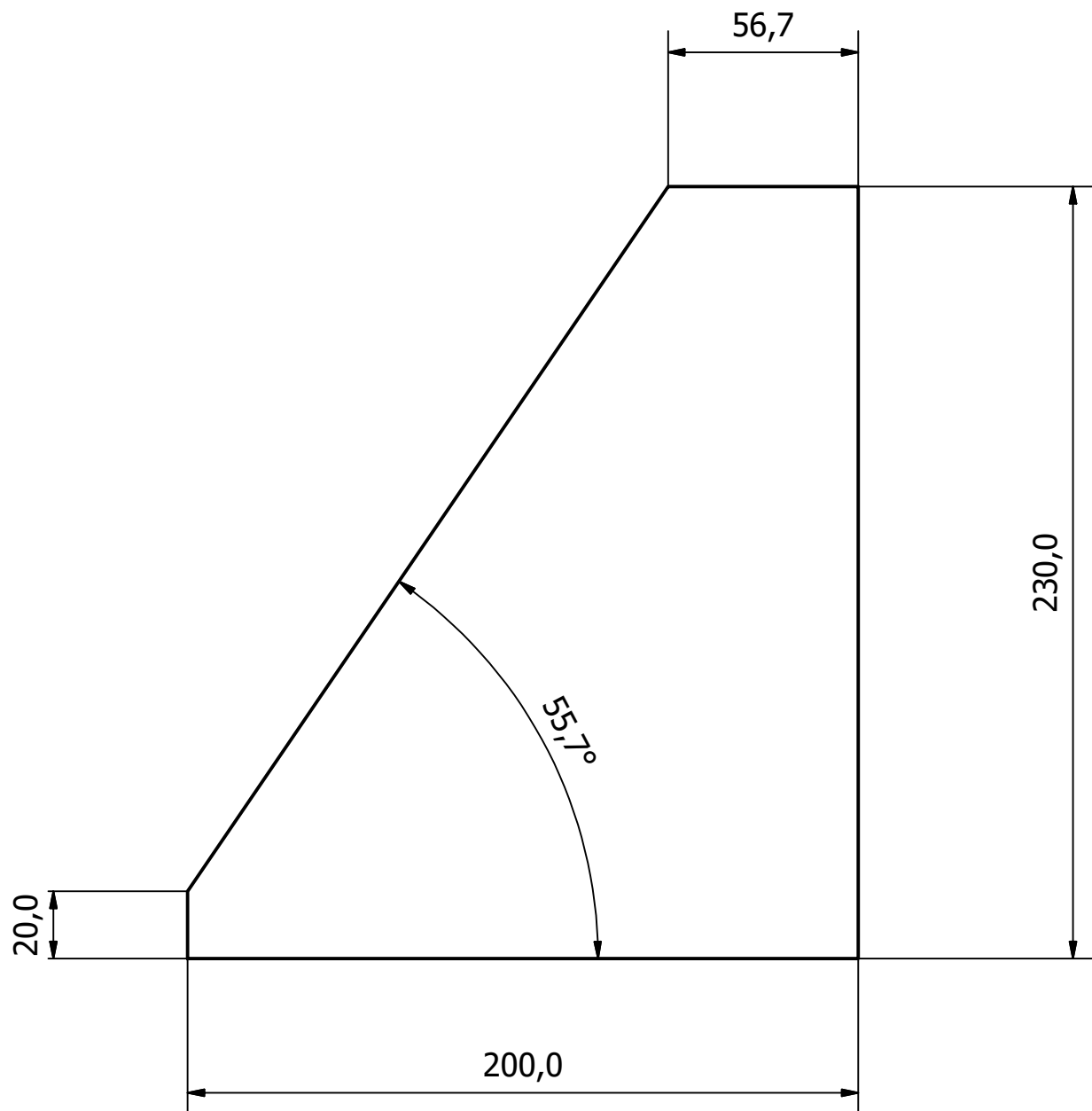
Sheet
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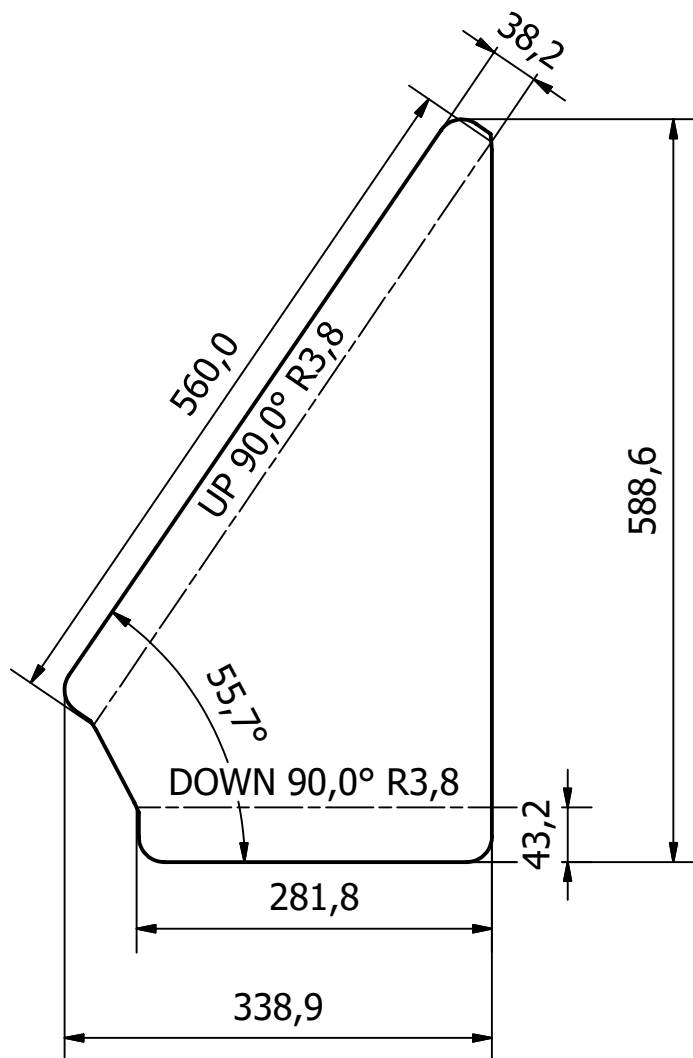
Betegnelse		Materiale		Noter	
svejselære 1		Generic		3 mm plade	
Designed by Kristoffer Ek	Checked by	Approved by		Date 9/26/2019	
Svejselære 1 (1 : 2)					
		Beplantet bæredygtig trappe		Edition 1.13	Sheet 33 / 42



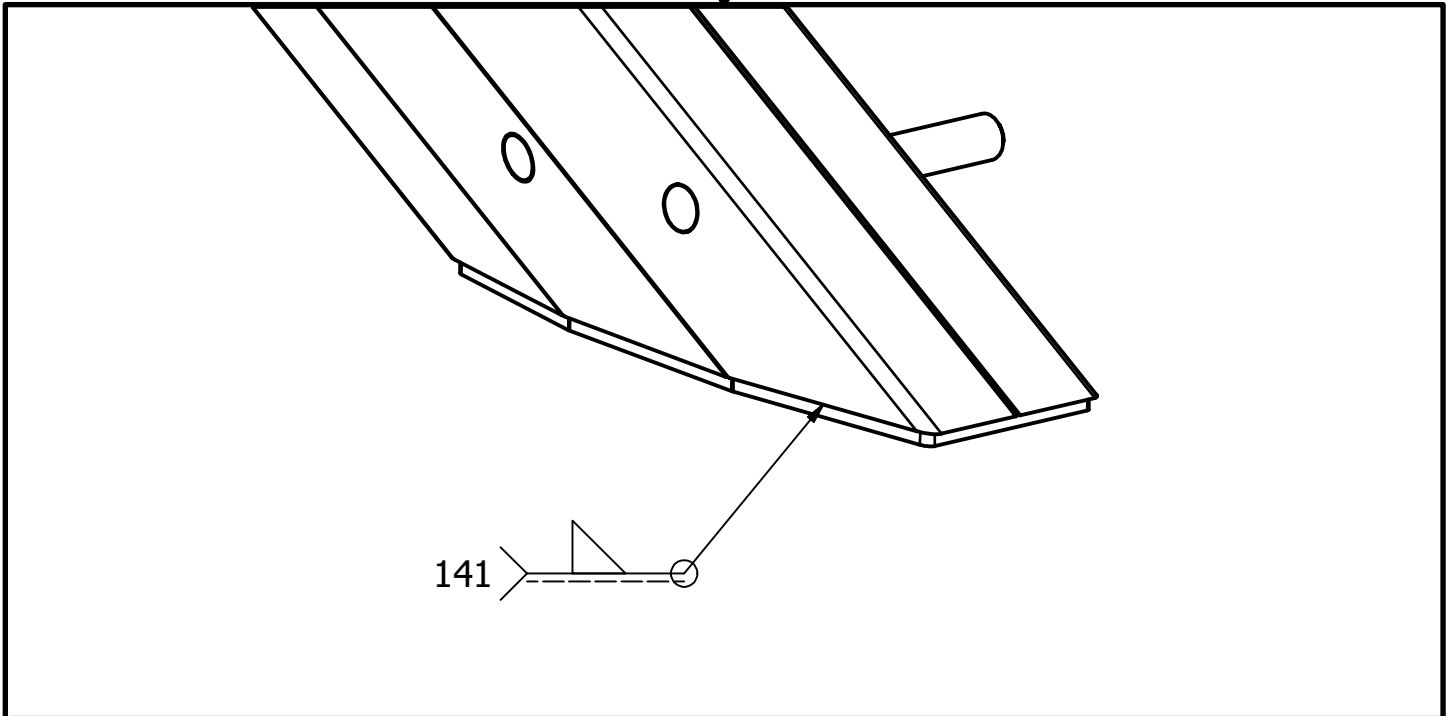
Betegnelse		Materiale		Noter	
svejselære 2 del 1		Generic			
Designed by	Checked by	Approved by	Date	Date	
Kristoffer Ek				9/26/2019	
Svejselære 2 (1 : 2)					
			Beplantet bæredygtig trappe	Edition 1.13	Sheet 34 / 42



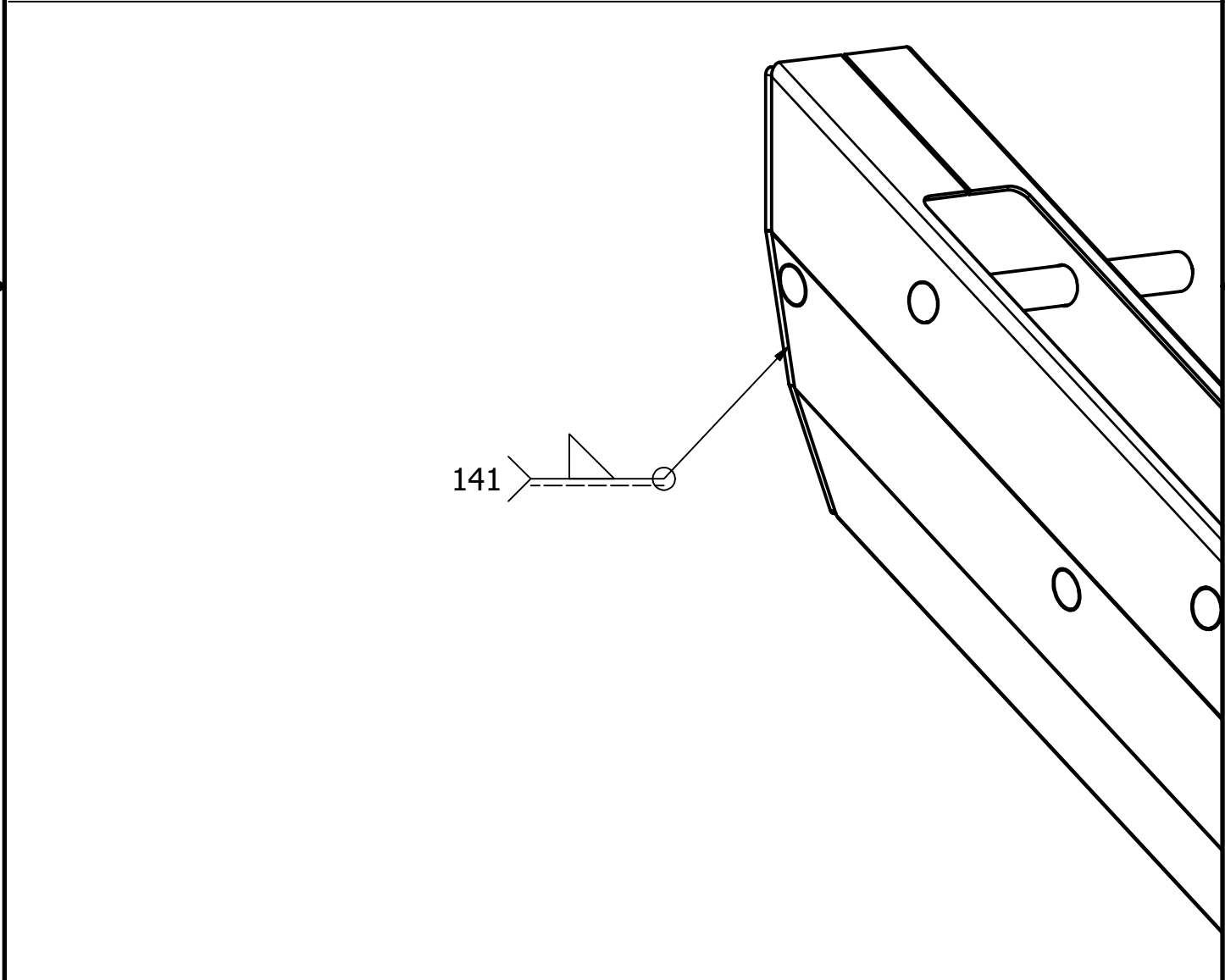
Betegnelse		Materiale		Noter	
svejselære 2 del 2		Generic		2 mm	
Designed by Kristoffer Ek	Checked by	Approved by		Date 9/26/2019	
Svejselære 2 (1 : 2)					
		Beplantet bæredygtig trappe		Edition 1.13	Sheet 35 / 42



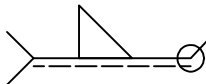
Betegnelse		Materiale		Noter	
svejselære 3		Generic		3 mm plade	
Designed by Kristoffer Ek	Checked by	Approved by		Date 9/26/2019	
Svejselære 3 (1:6)					
		Beplantet bæredygtig trappe		Edition 1.13	Sheet 36 / 42



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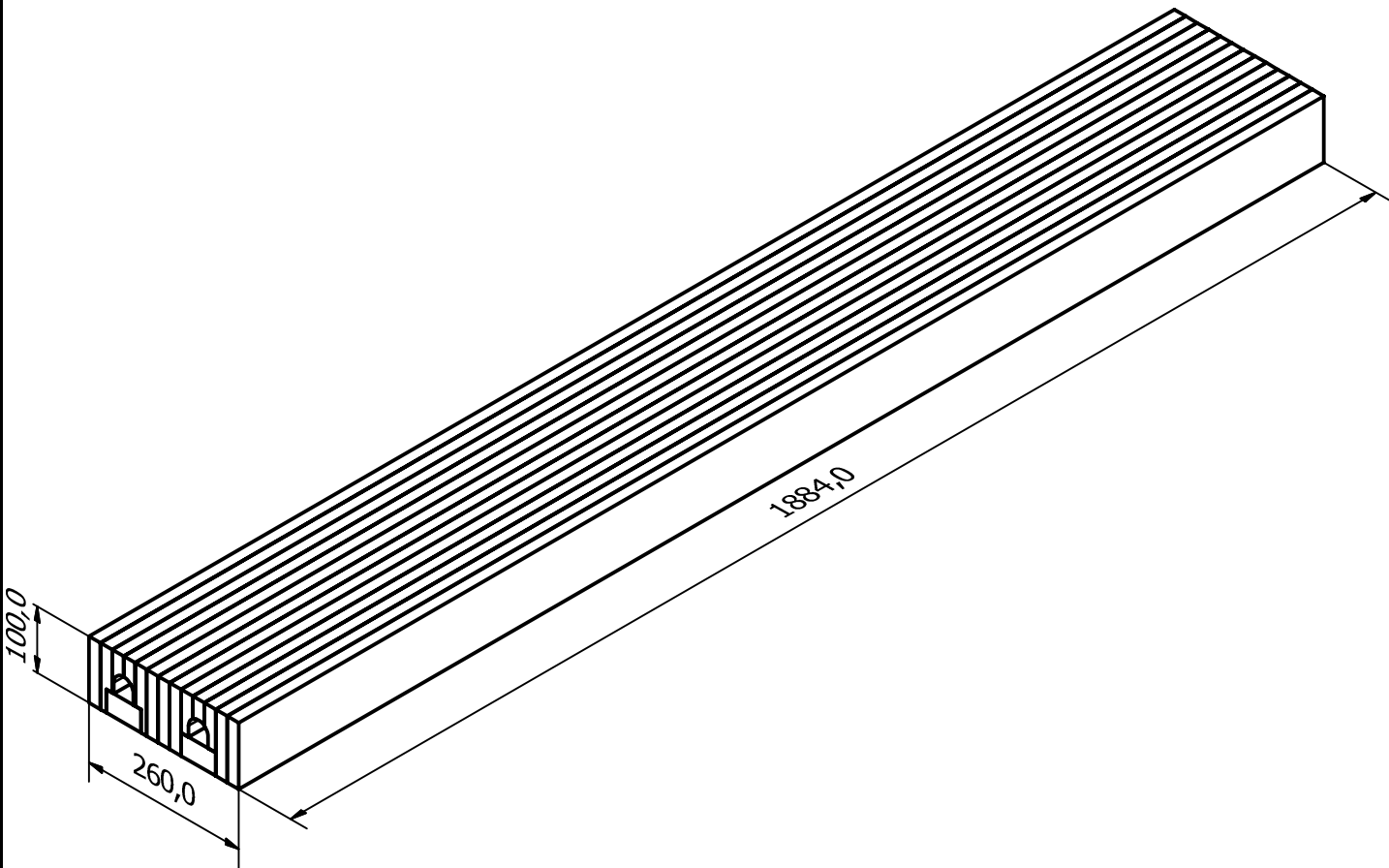


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Svejsning af vange-endeplade (1:4)						
			Beplantet bæredygtig trappe		Edition 1.13	Sheet 37 / 42





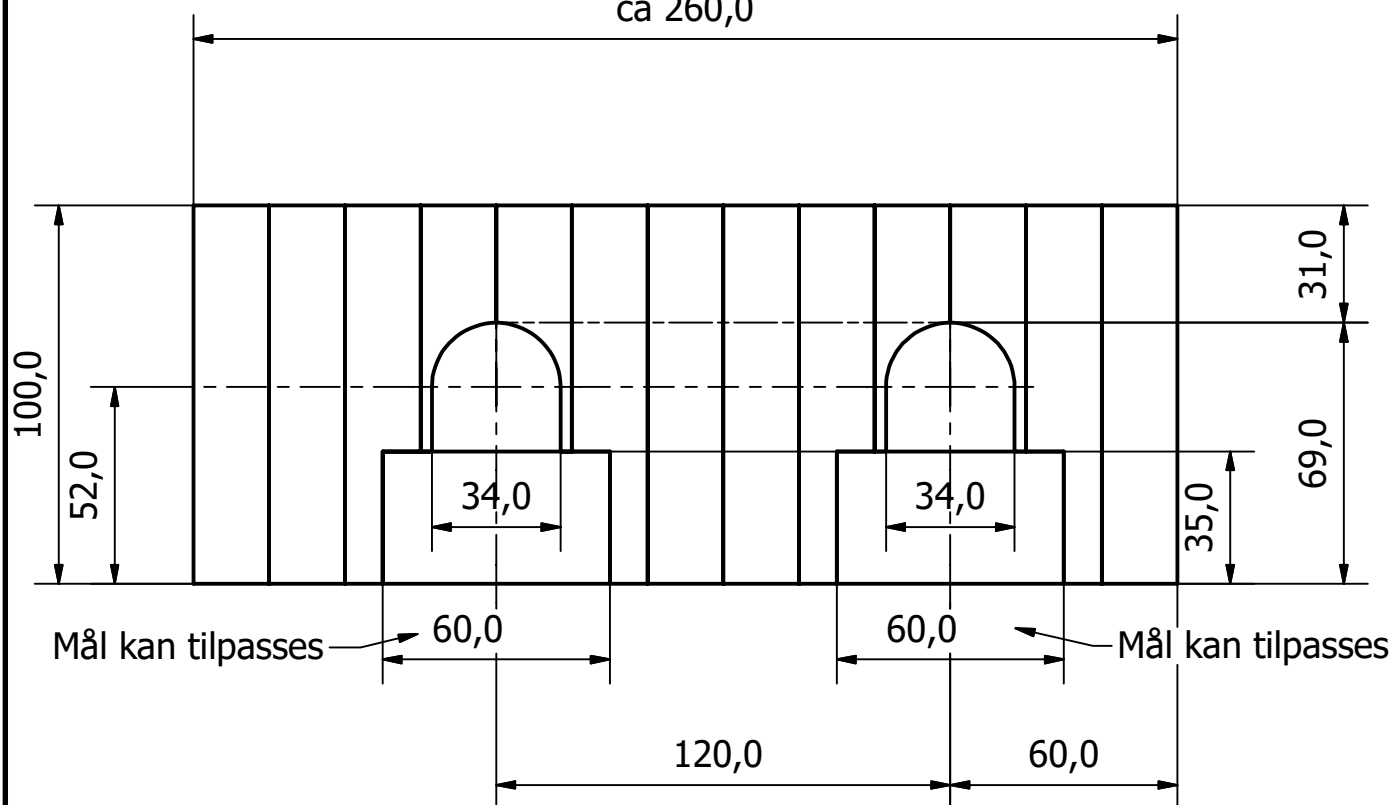
Se side 39 for detaljer af profil

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Trin (1 : 9)						
			Beplantet bæredygtig trappe		Edition 1.13	Sheet 38 / 42



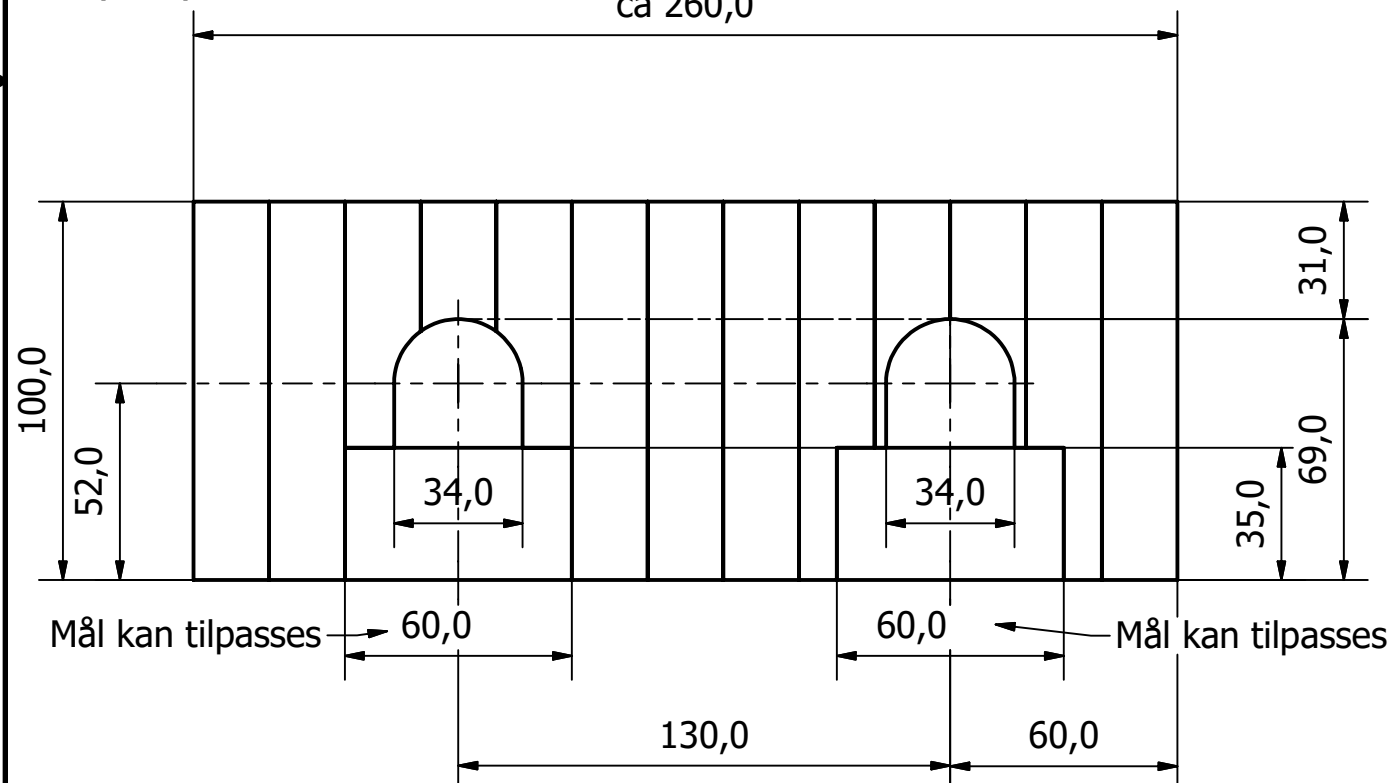
top-trin (1:2) 2 stk.

ca 260,0



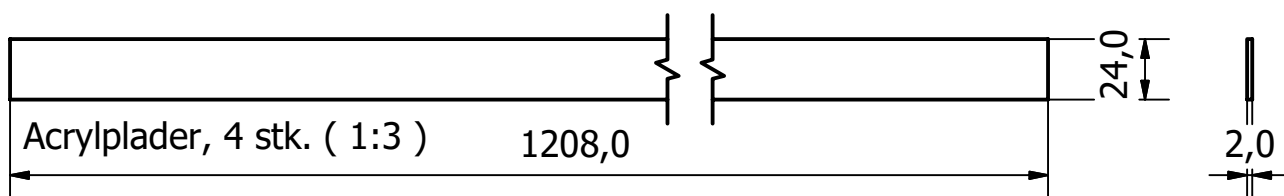
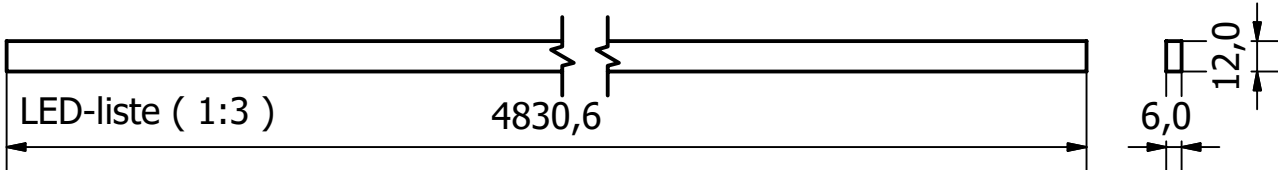
trin (1:2) 30 stk

ca 260,0

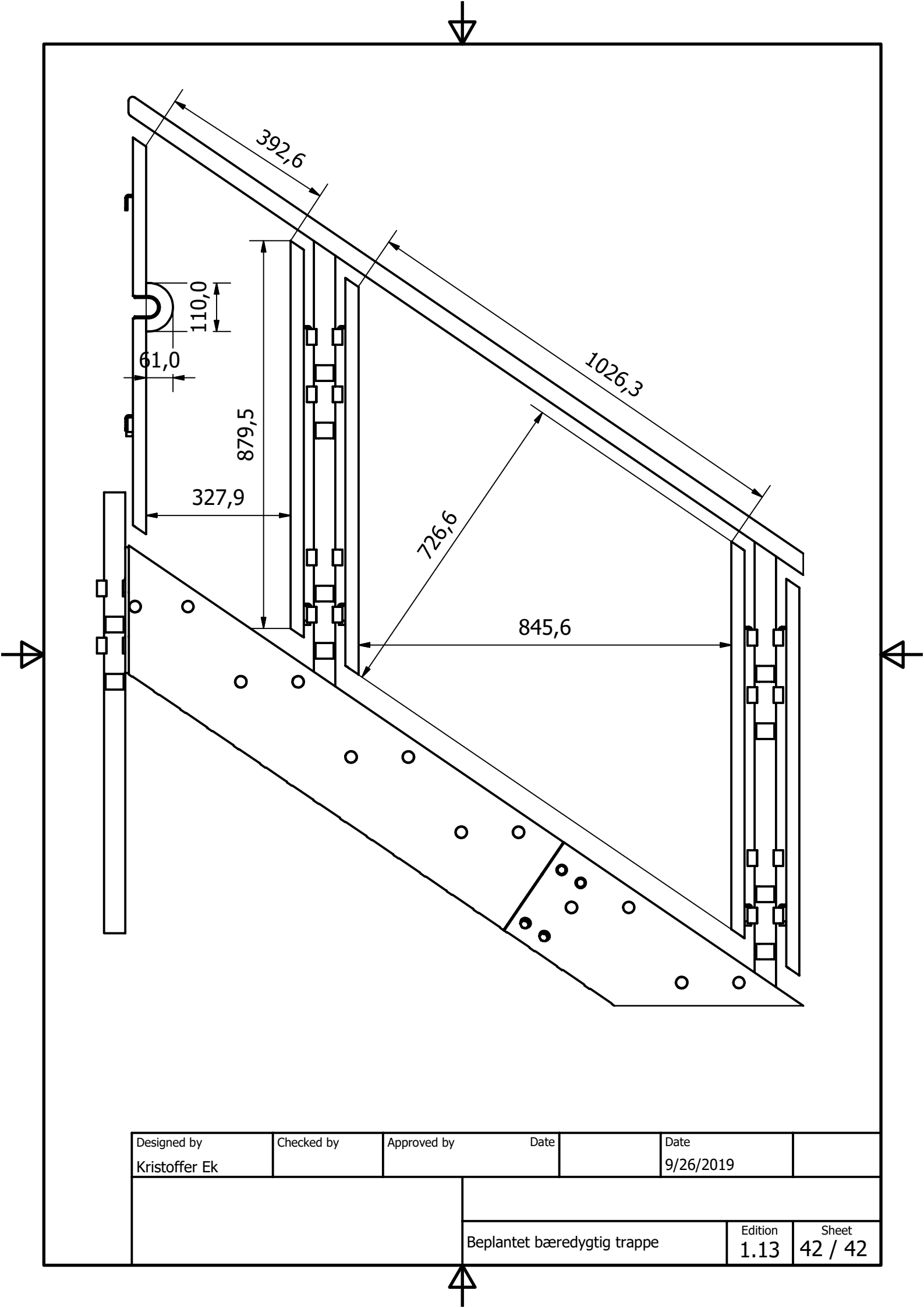


Designed by Kristoffer Ek	Checked by	Approved by	Date	Date 9/26/2019	
Trin Længde er 1884 mm			Beplantet bæredygtig trappe		
			Edition 1.13	Sheet 39 / 42	





Designed by Kristoffer Ek	Checked by	Approved by	Date	Date 9/26/2019	
			Bepantet bæredygtig trappe	Edition 1.13	Sheet 41 / 42



Designed by Kristoffer Ek	Checked by	Approved by	Date	Date 9/26/2019	
			Beplantet bæredygtig trappe	Edition 1.13	Sheet 42 / 42