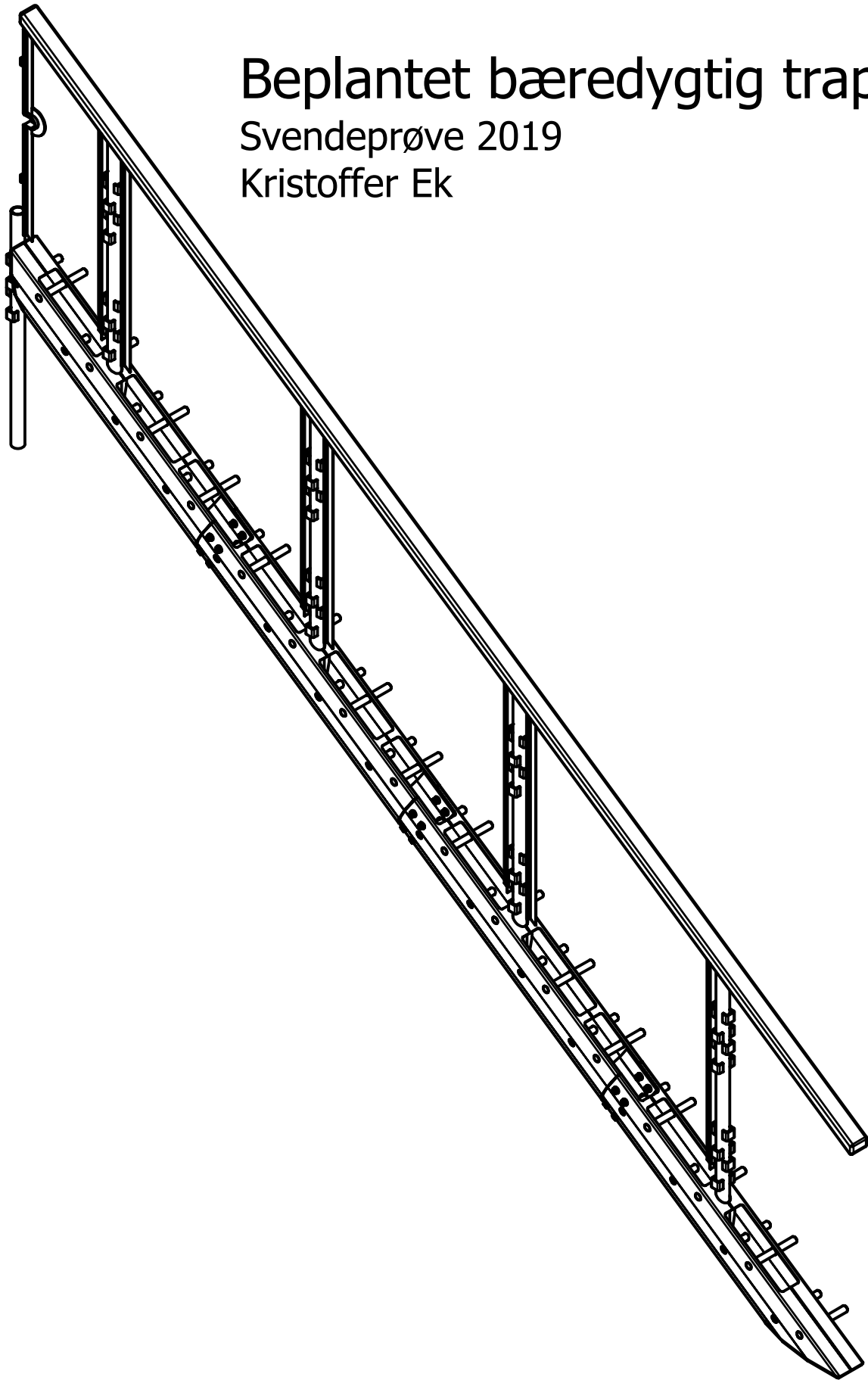


Beplantet bæredygtig trappe

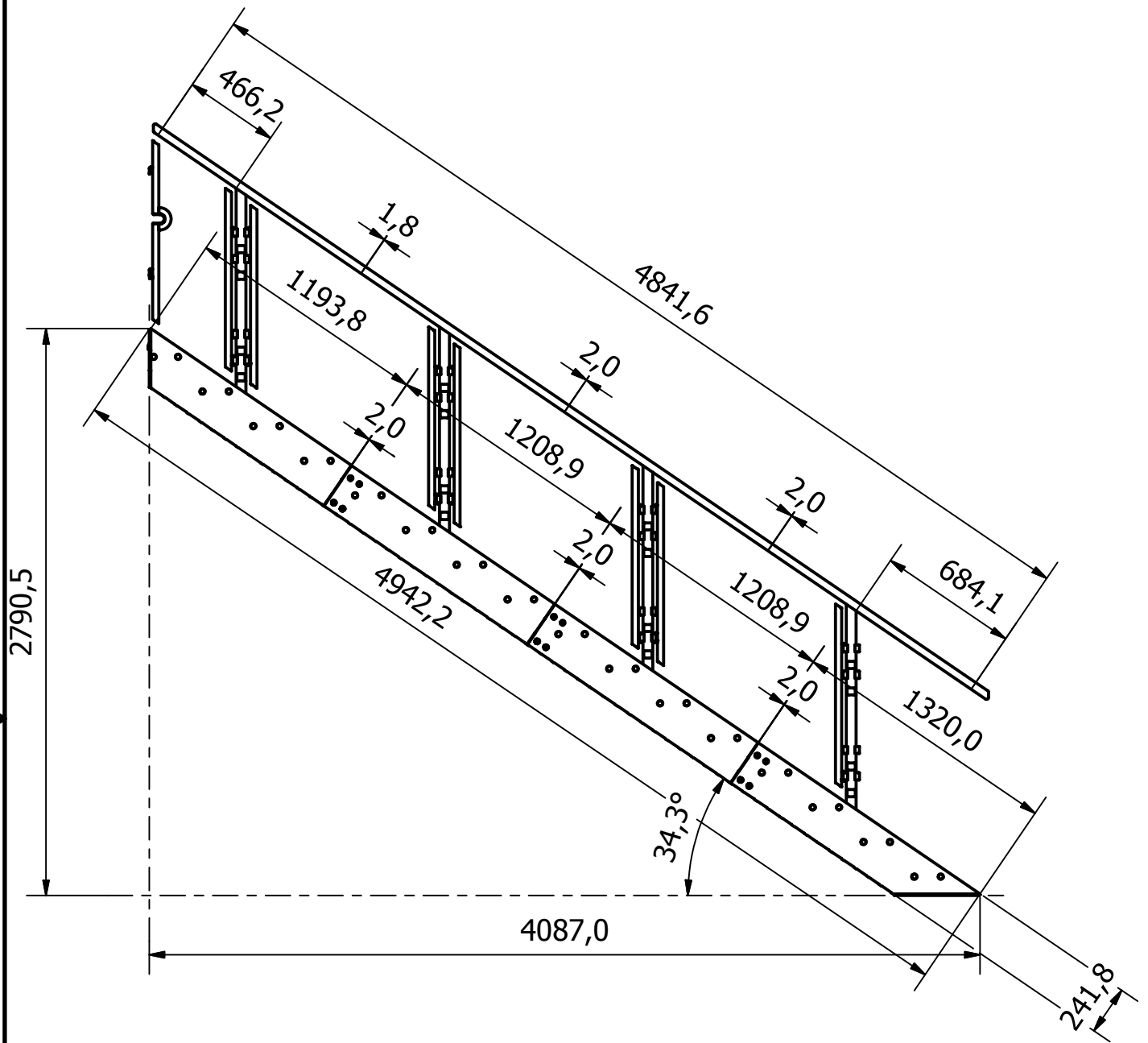
Svendeprøve 2019

Kristoffer Ek

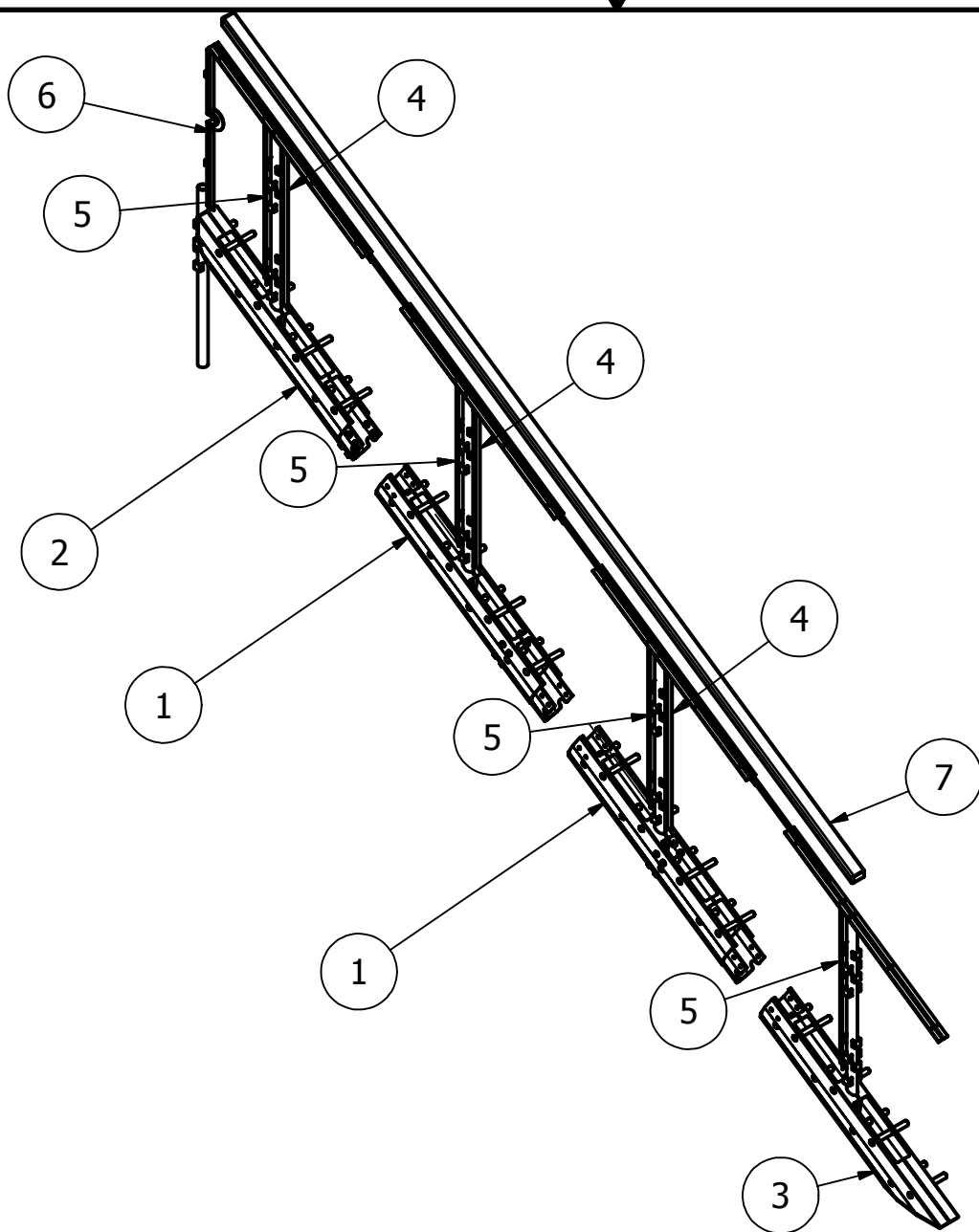


Designed by Kristoffer Ek	Checked by	Approved by	Date	Date 26-09-2019	
			Beplantet bæredygtig trappe	Edition 1.10.0	Sheet 1 / 40

Overordnede mål (1:30)



Designed by Kristoffer Ek	Checked by	Approved by	Date	Date	
				26-09-2019	
			Bepantet bæredygtig trappe	Edition 1.10.0	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

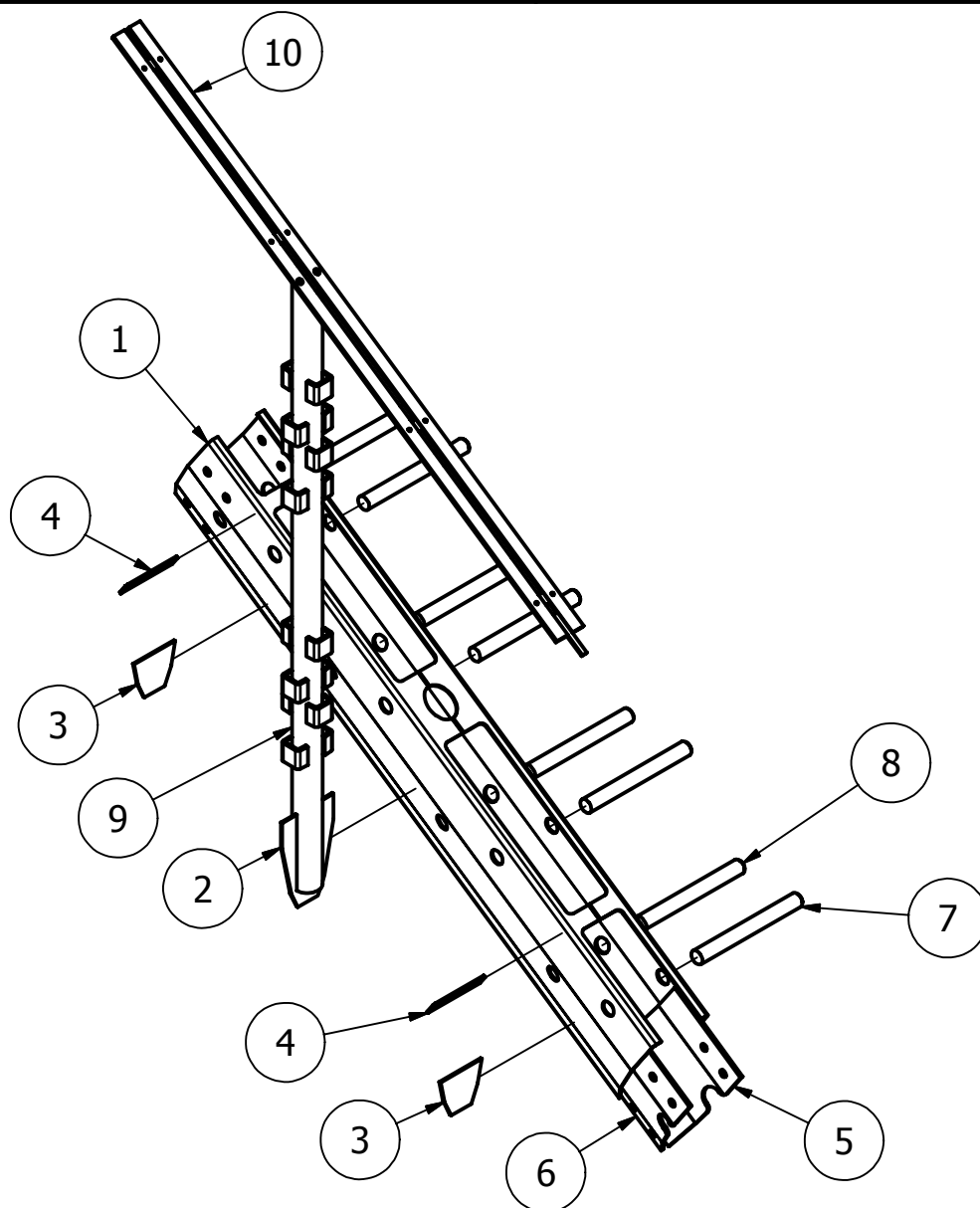
Date

26-09-2019

Bepantet bæredygtig trappe

Edition
1.10.0

Sheet
3 / 40



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

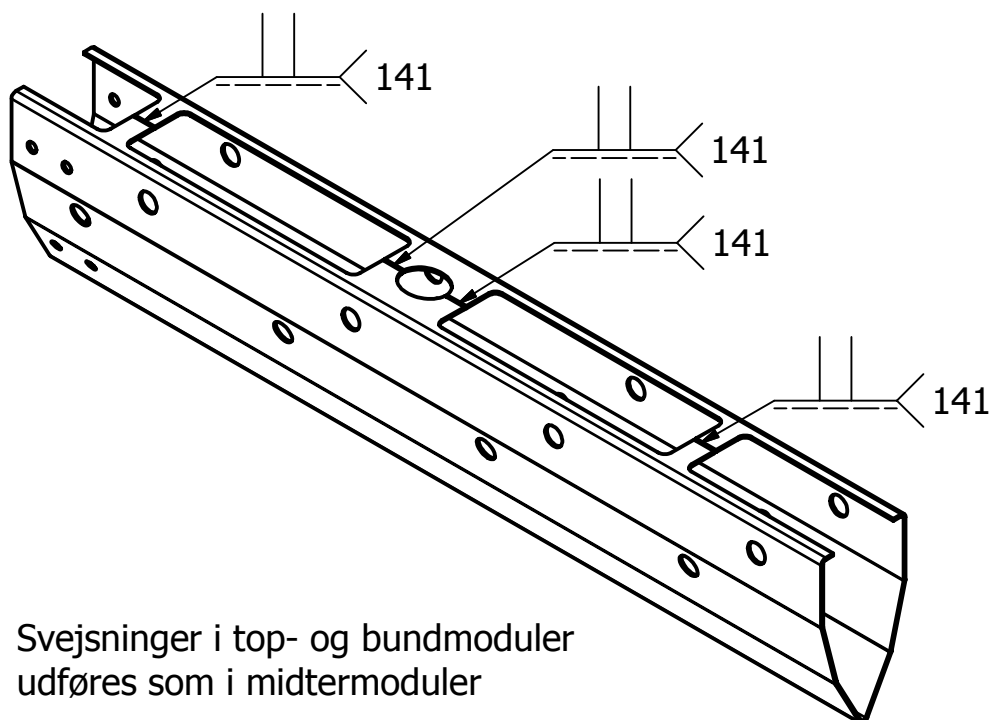
26-09-2019

Modul

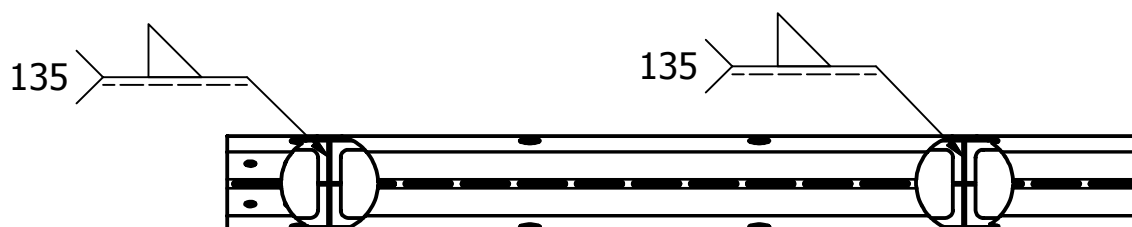
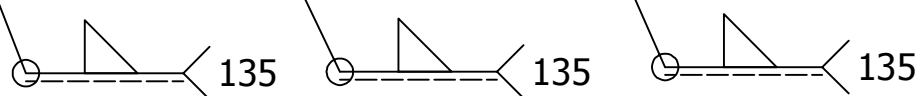
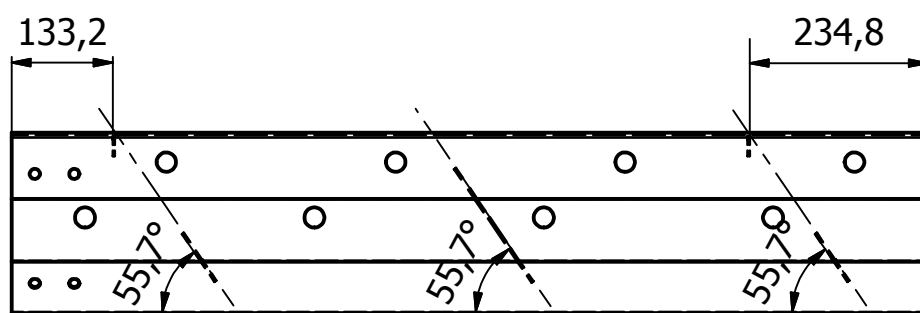
Beplantet bæredygtig trappe

Edition
1.10.0

Sheet
4 / 40

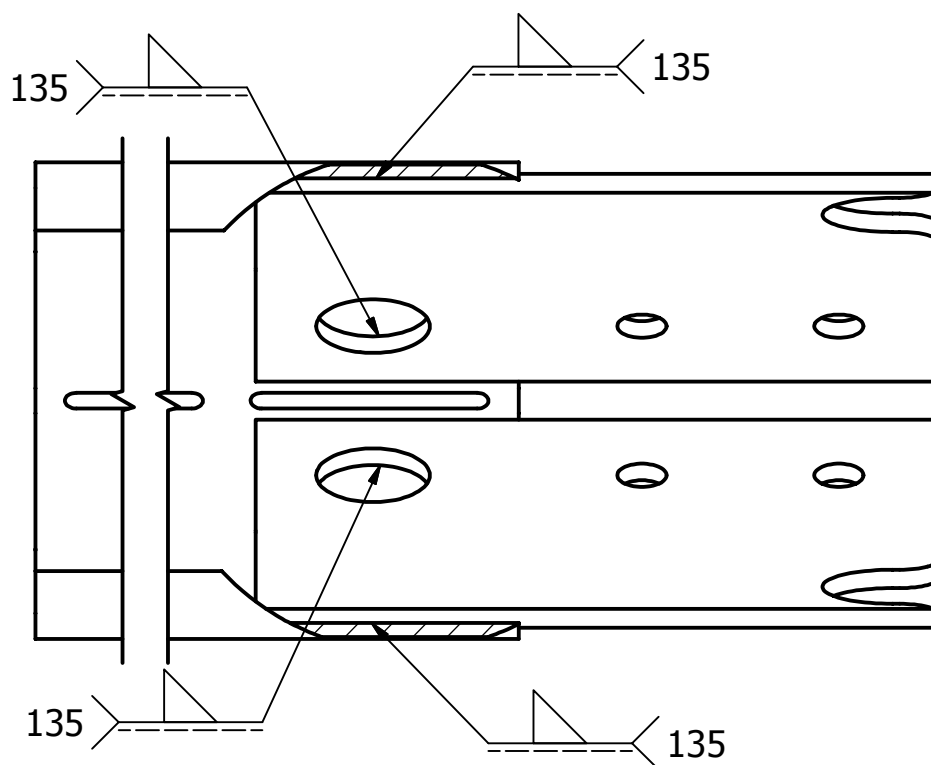


Svejsninger i top- og bundmoduler
udføres som i midtermoduler



Designed by Kristoffer Ek	Checked by	Approved by	Date	Date 26-09-2019	
Svejsninger skot			Beplantet bæredygtig trappe		
			Edition 1.10.0	Sheet 5 / 40	

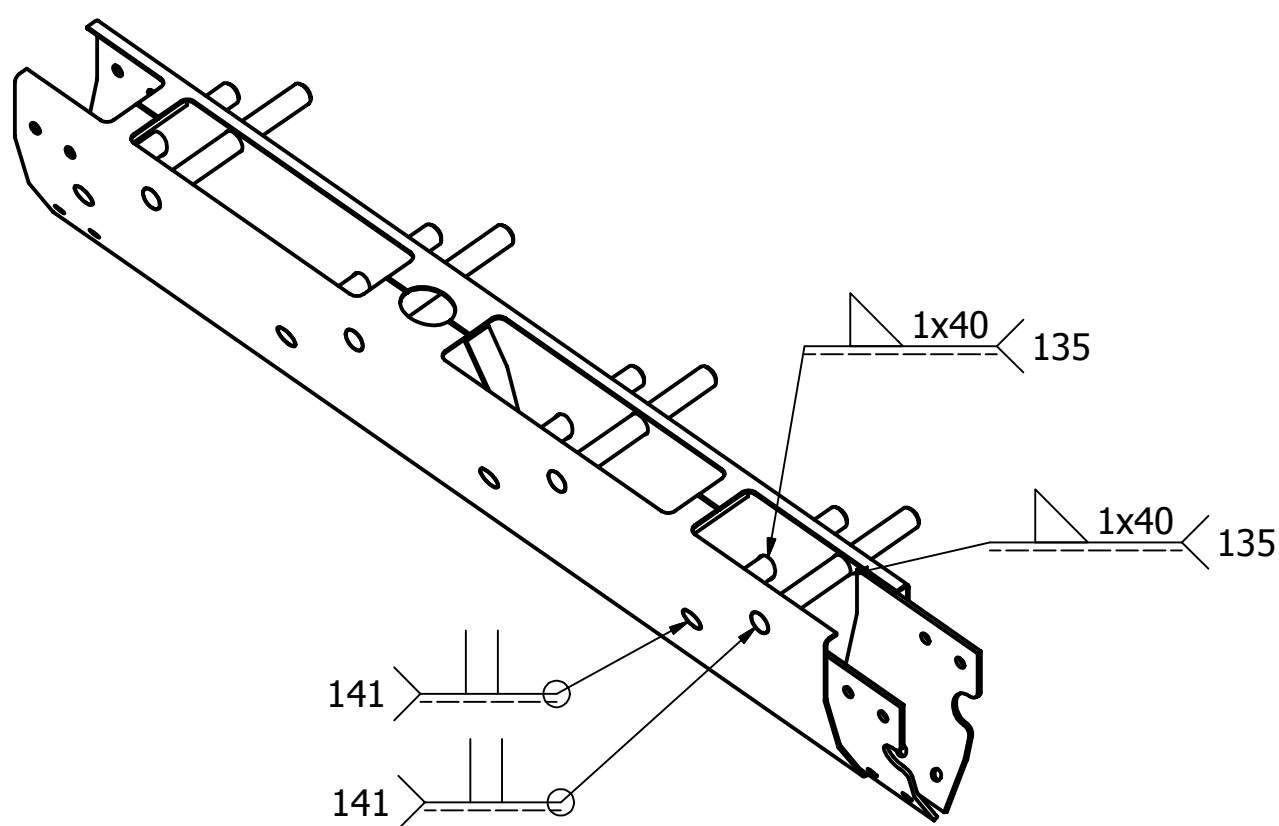
Svejsninger i topmoduler
udføres som i midtermoduler



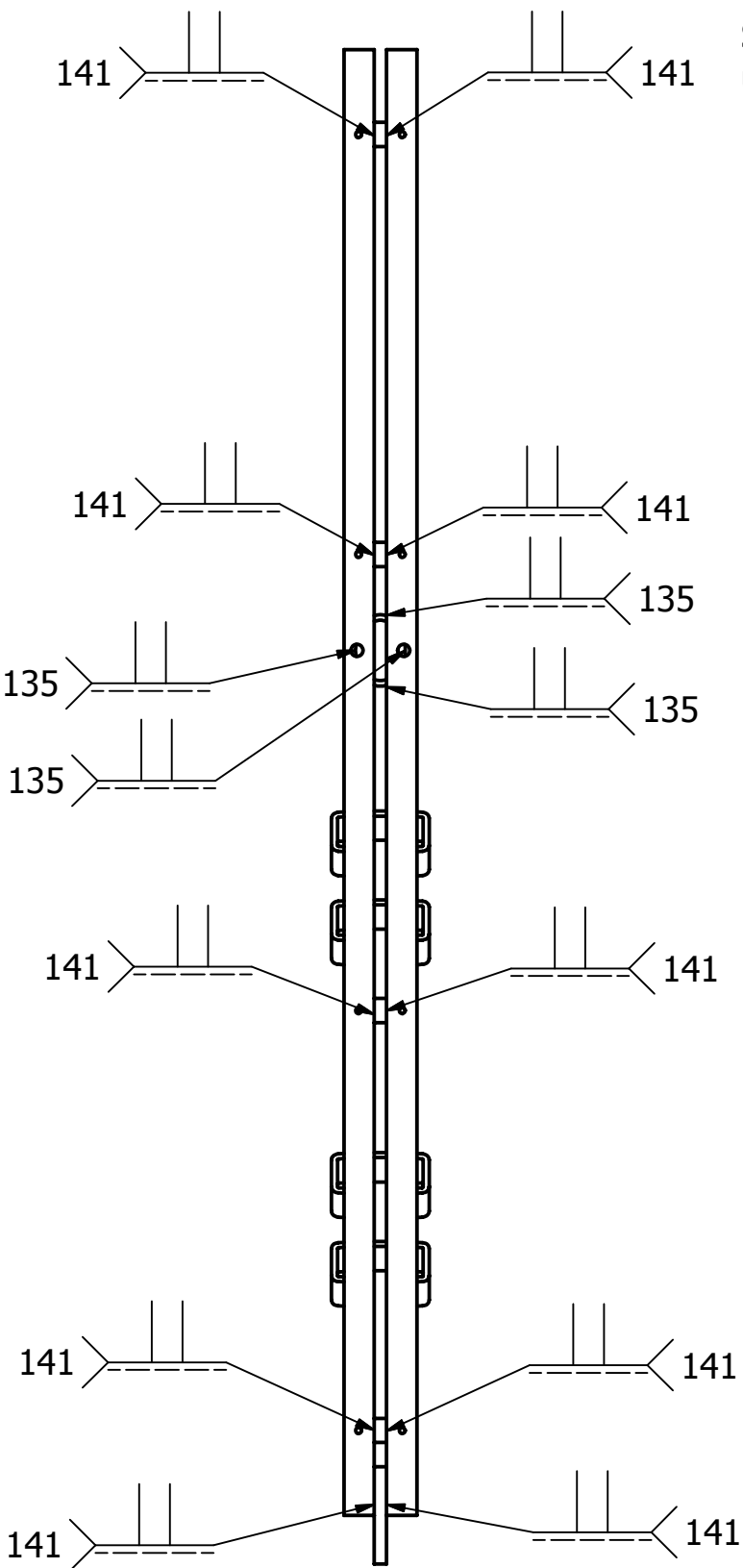
Placering af lasker sker ved at montere lasker
med skruer på nabomodul adskilt af 2 mm spalte
mellem moduler

Designed by Kristoffer Ek	Checked by	Approved by	Date	Date 26-09-2019	
Svejsninger af lasker					
			Beplantet bæredygtig trappe	Edition 1.10.0	Sheet 6 / 40

Svejsninger i top- og bundmoduler
udføres som i midtermoduler



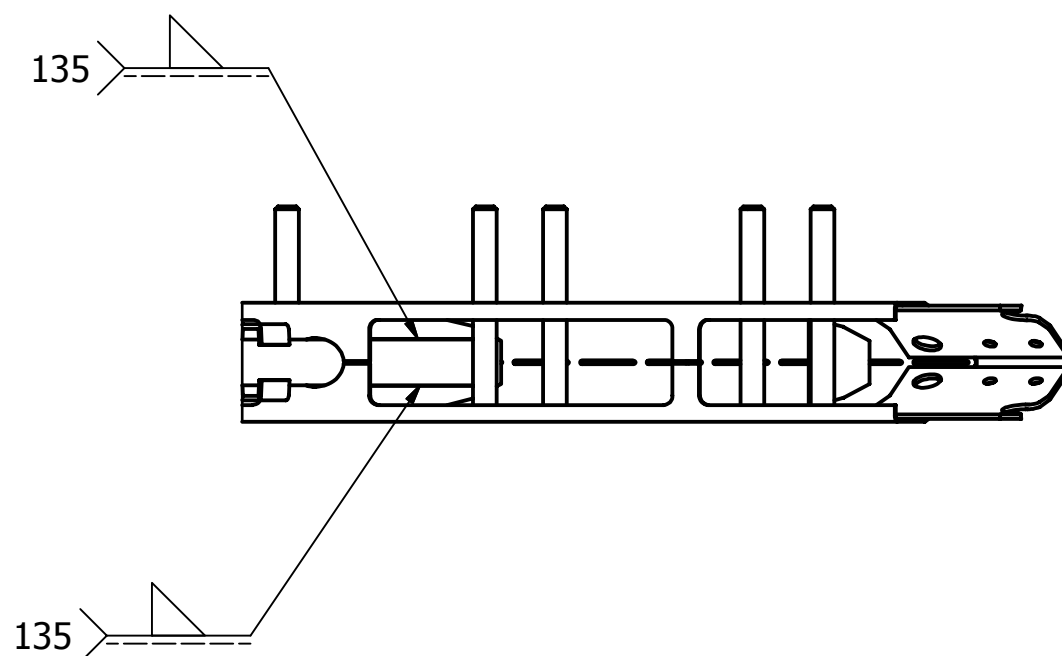
Designed by Kristoffer Ek	Checked by	Approved by	Date		Date	
					26-09-2019	
Svejsning af stifter						
			Beplantet bæredygtig trappe	Edition 1.10.0	Sheet 7 / 40	



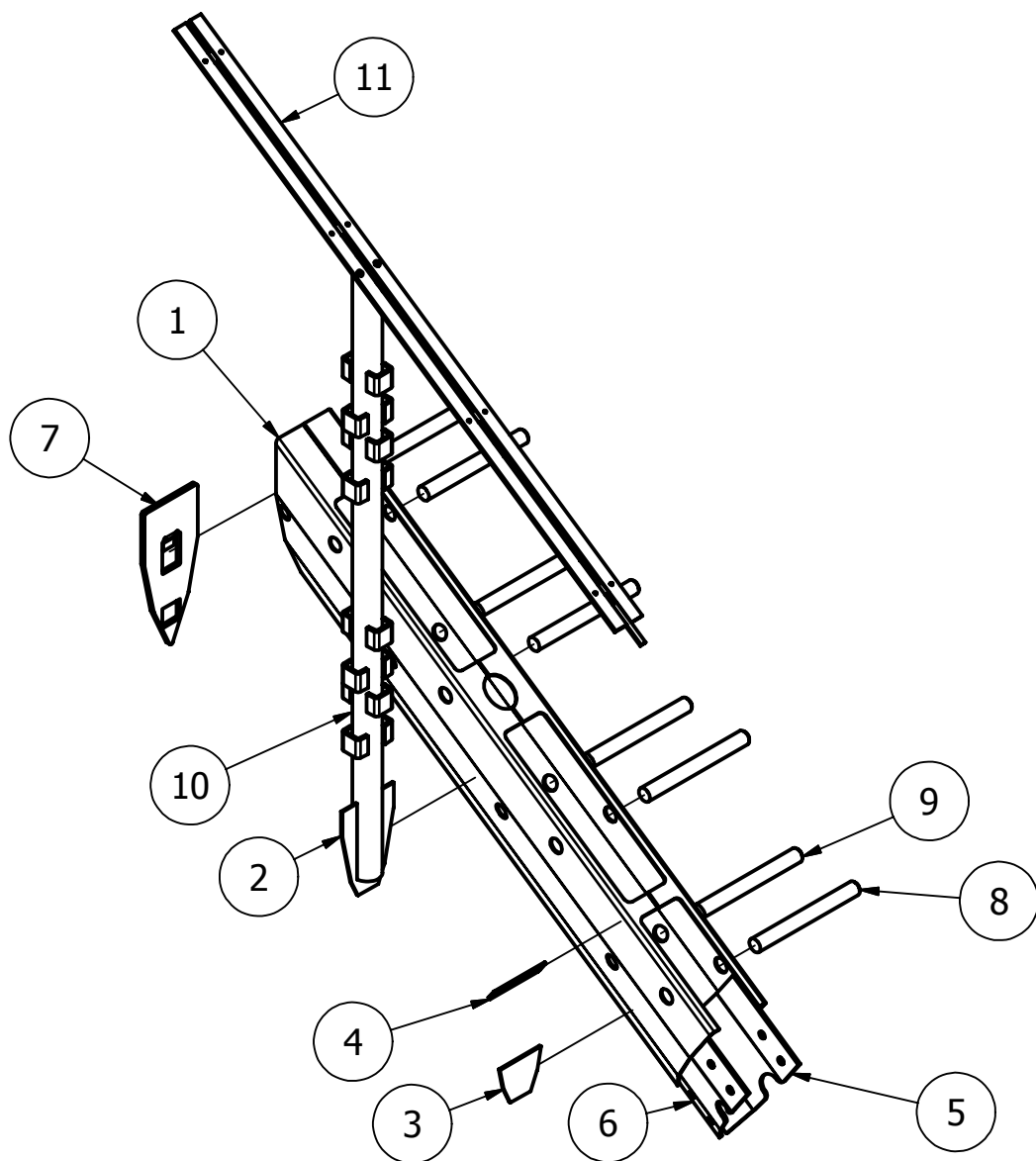
Svejsninger i top- og bundmoduler udføres som i midtermoduler

Designed by Kristoffer Ek	Checked by	Approved by	Date	Date 26-09-2019	
Svejsning af håndfang					
			Beplantet bæredygtig trappe	Edition 1.10.0	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	1.10.0	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	trappetift	S355J2	Side 28
9	4	trappetift 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

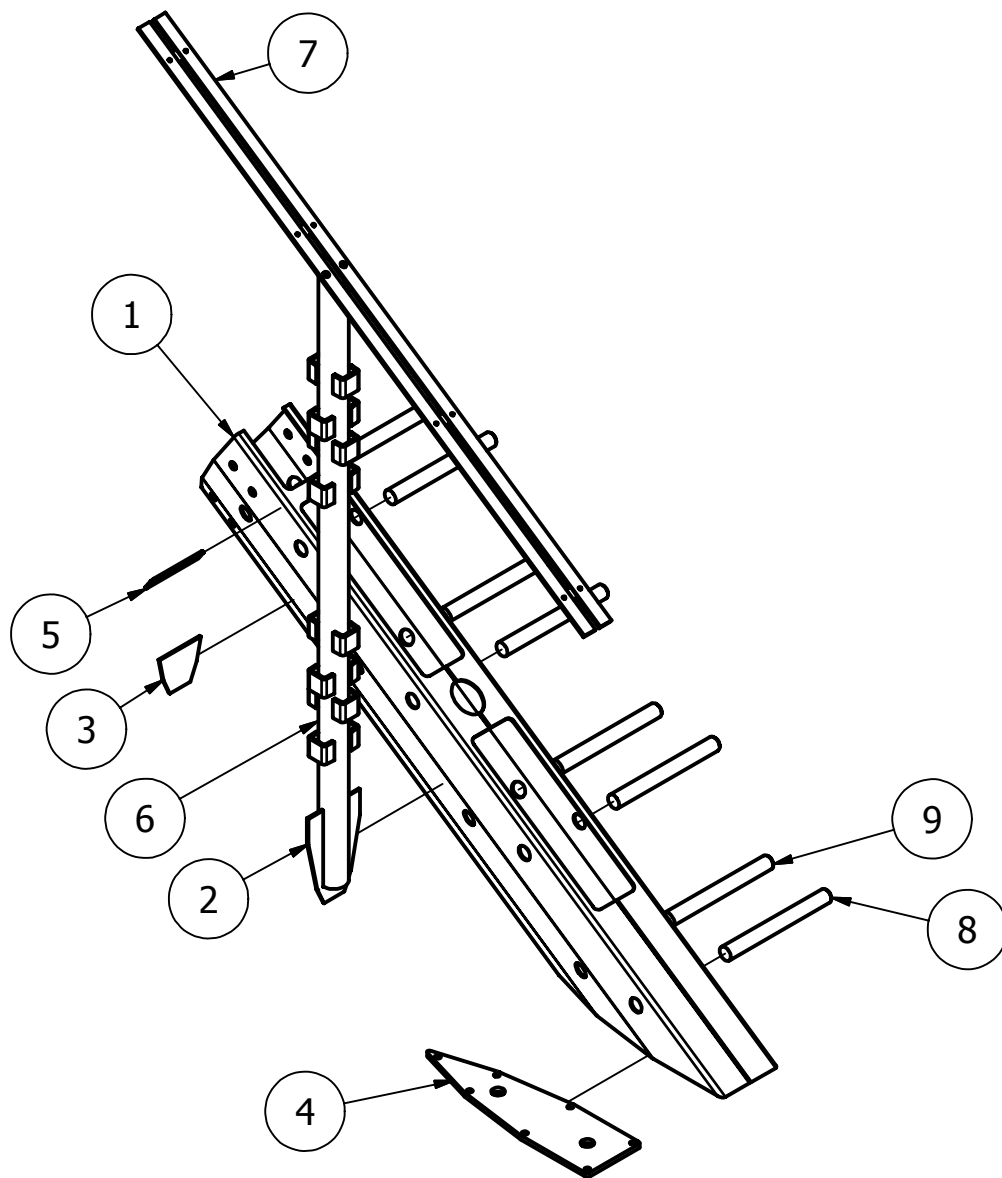
Beplantet bæredygtig trappe

Edition

1.10.0

Sheet

10 / 40



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

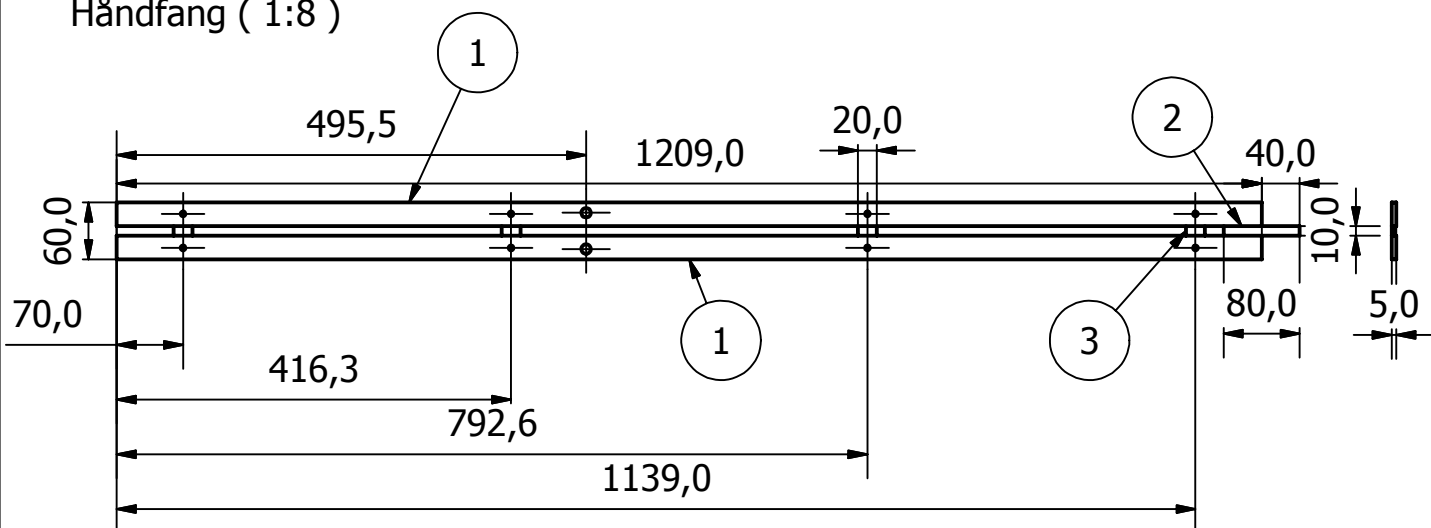
Beplantet bæredygtig trappe

Edition
1.10.0

Sheet
11 / 40



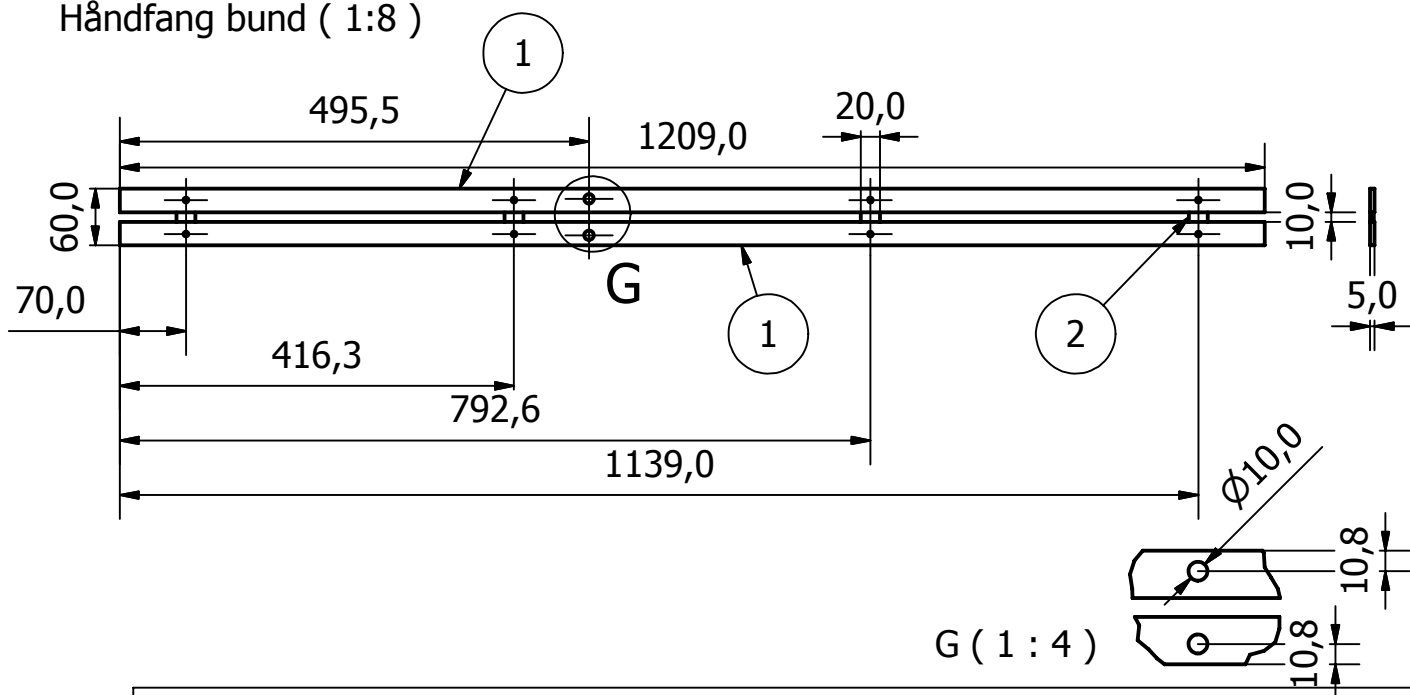
Håndfang (1:8)



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

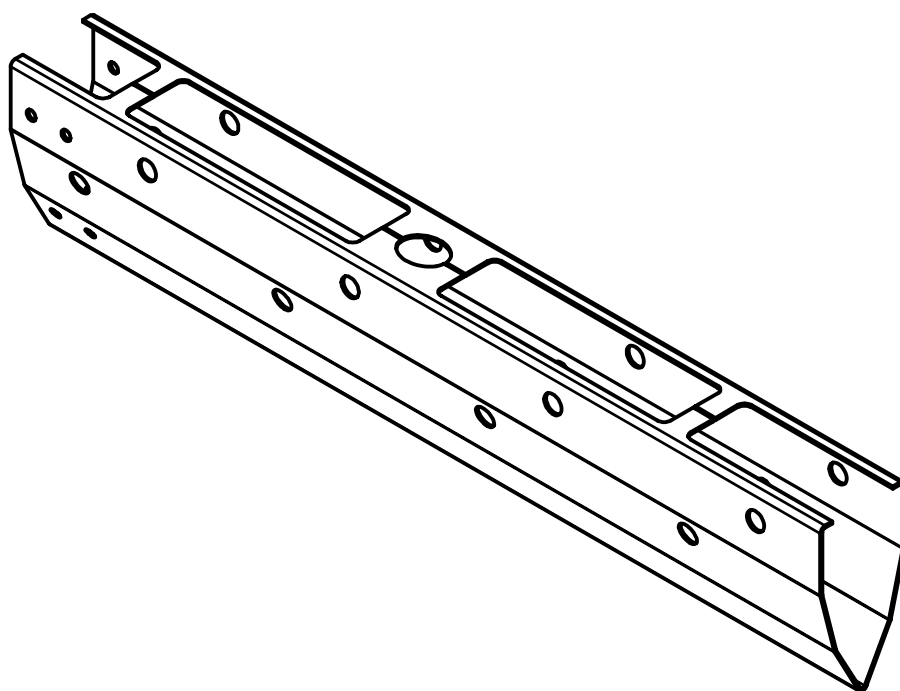
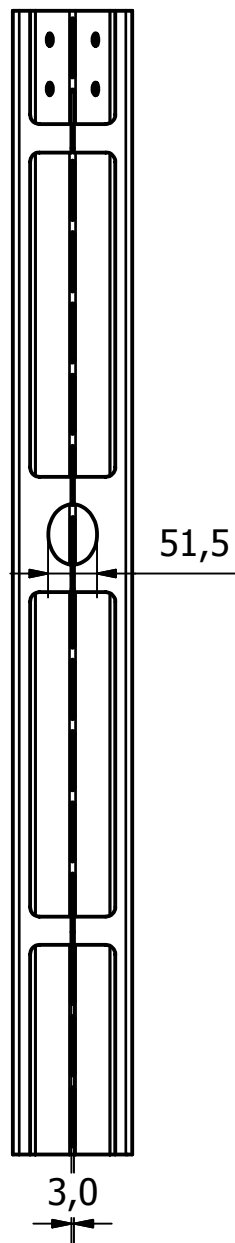
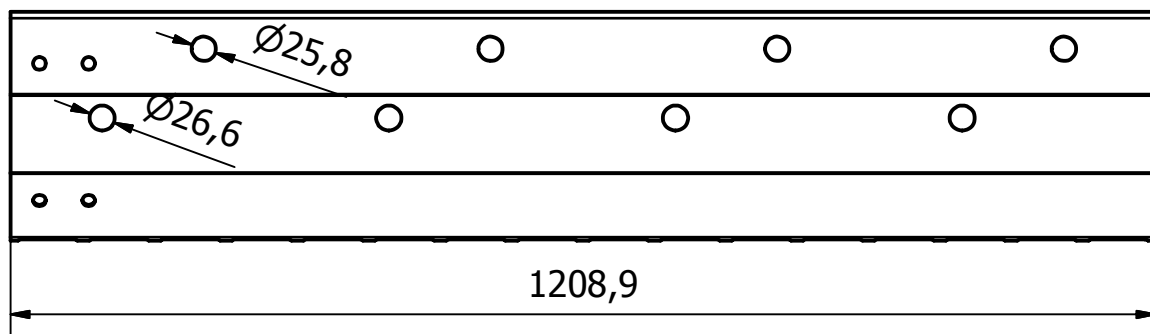
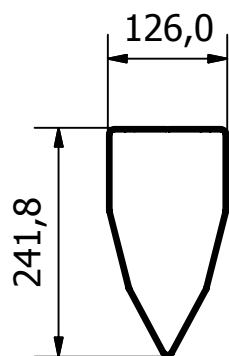
Edition

1.10.0

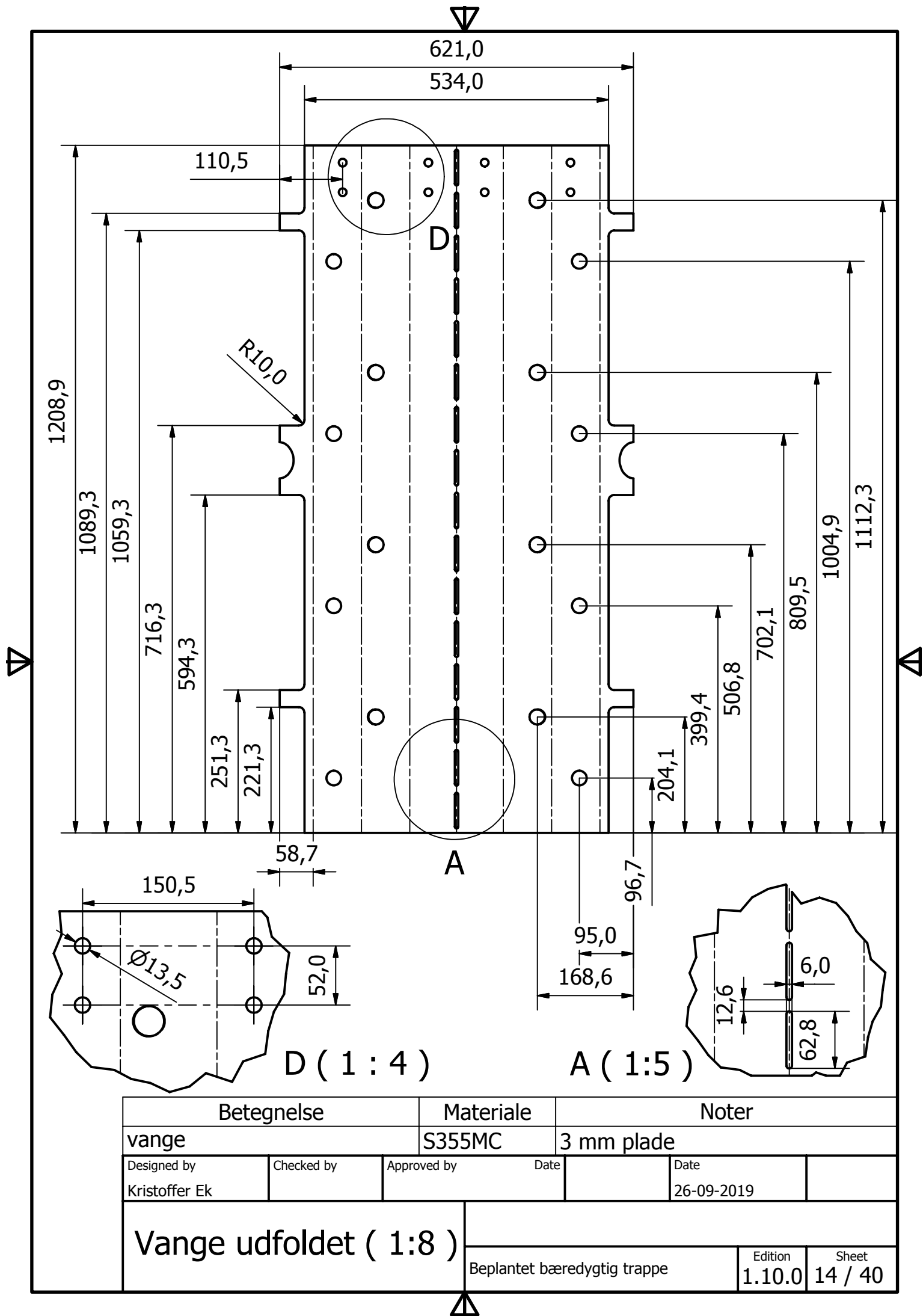
Sheet

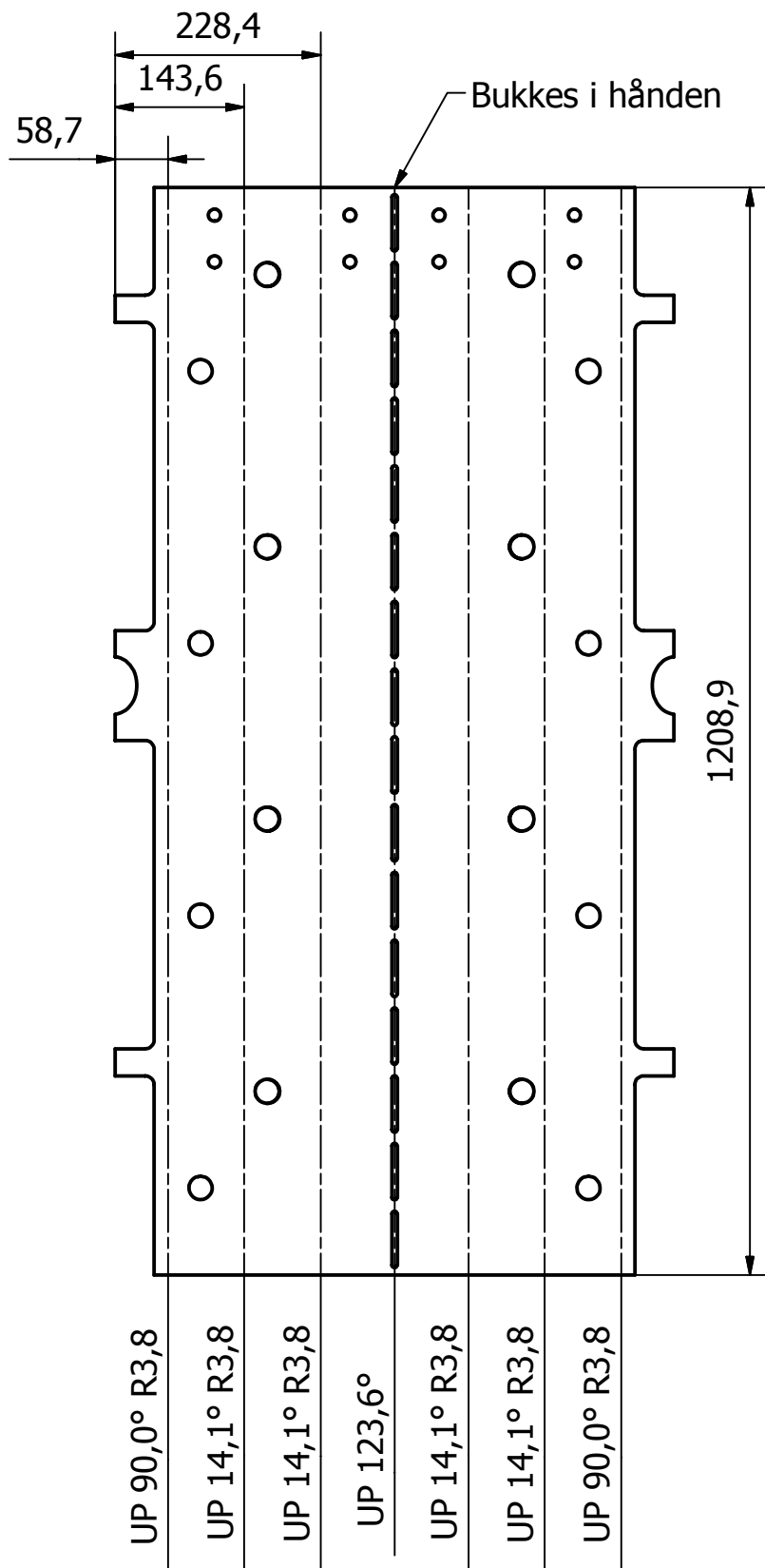
12 / 40



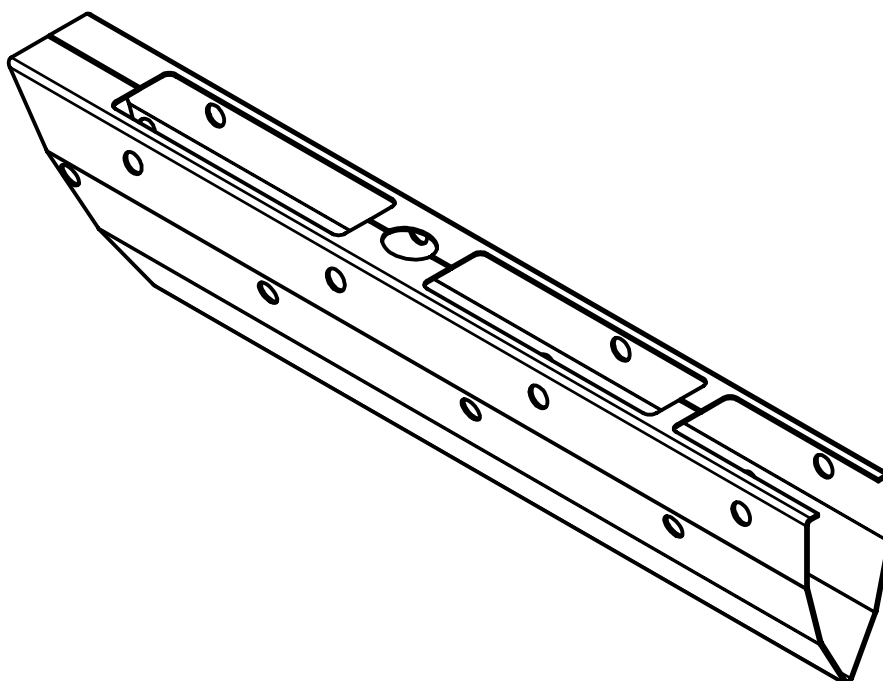
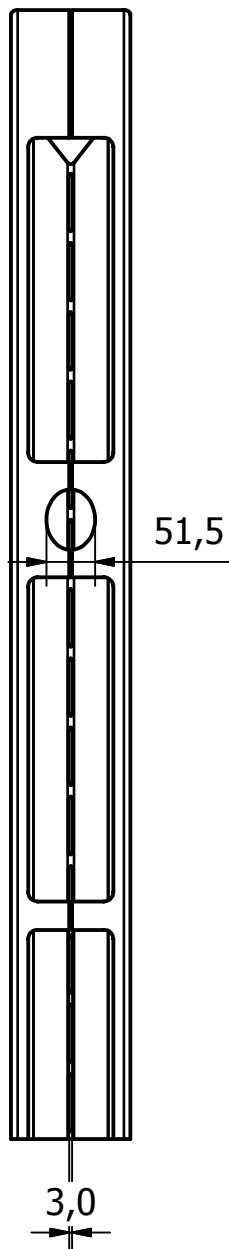
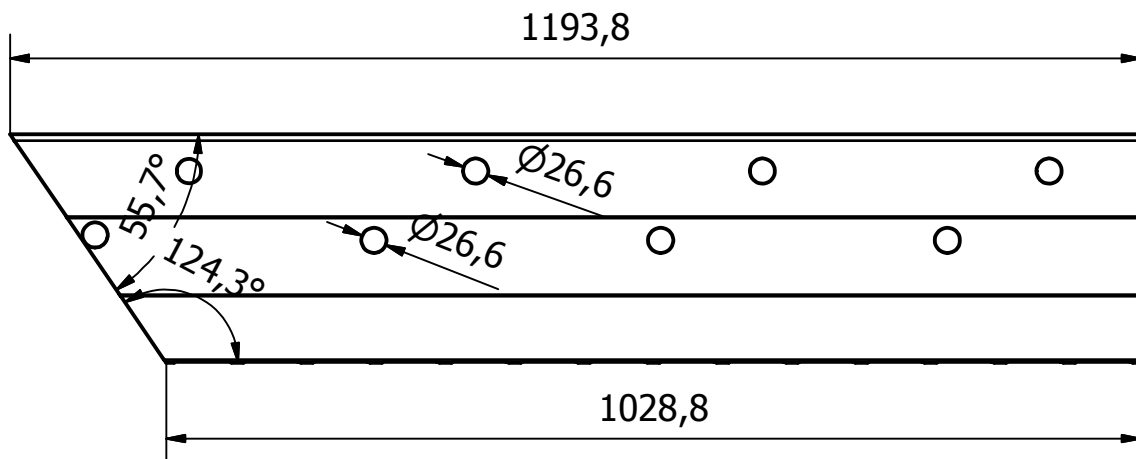
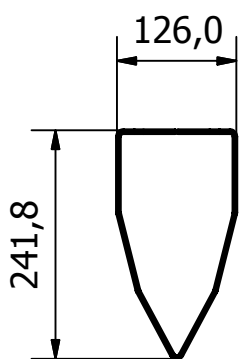


Betegnelse		Materiale		Noter	
vange		S355MC		3 mm plade	
Designed by	Checked by	Approved by		Date	
Kristoffer Ek				26-09-2019	
Vange (1:8)					
		Beplantet bæredygtig trappe		Edition 1.10.0	Sheet 13 / 40

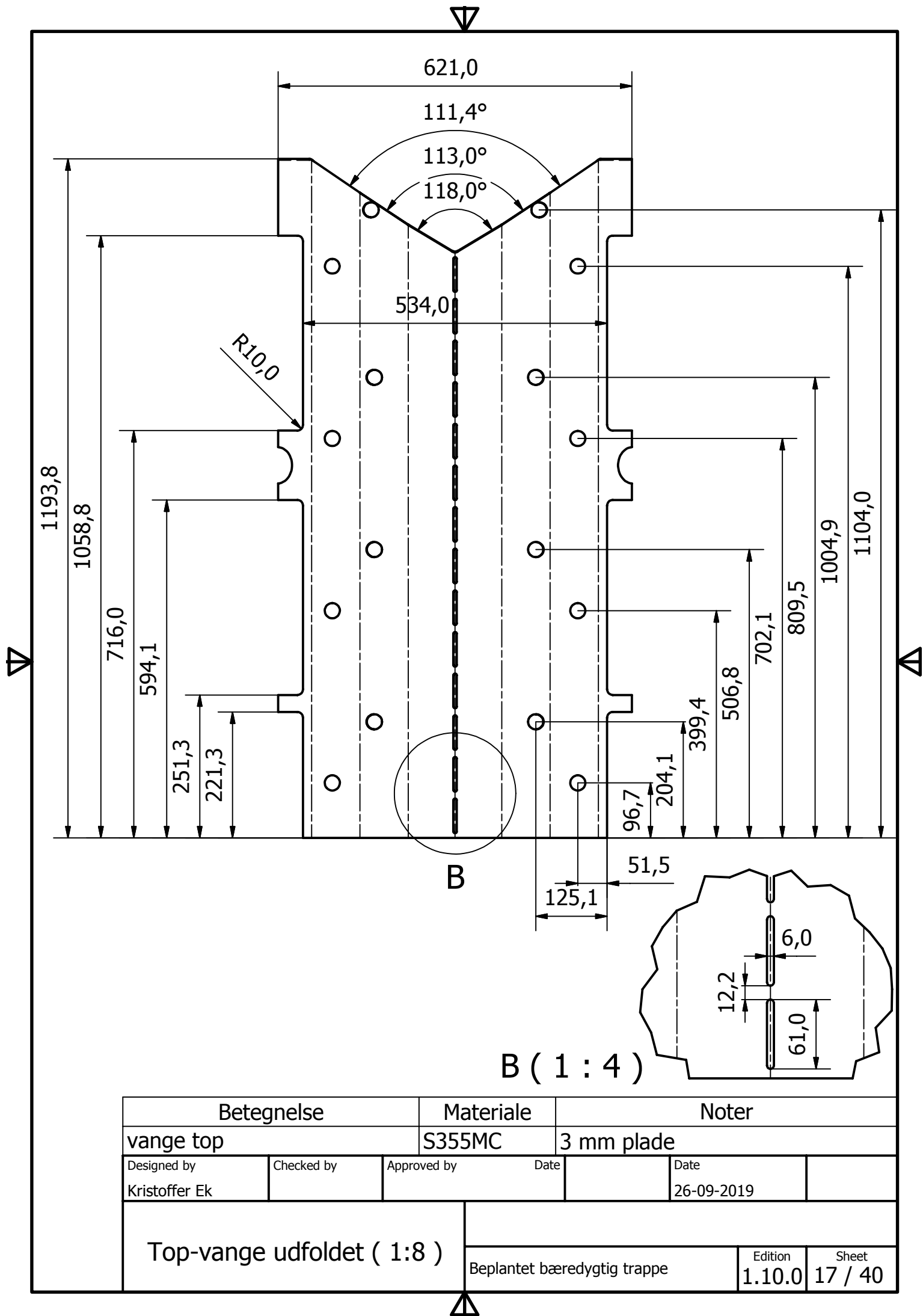




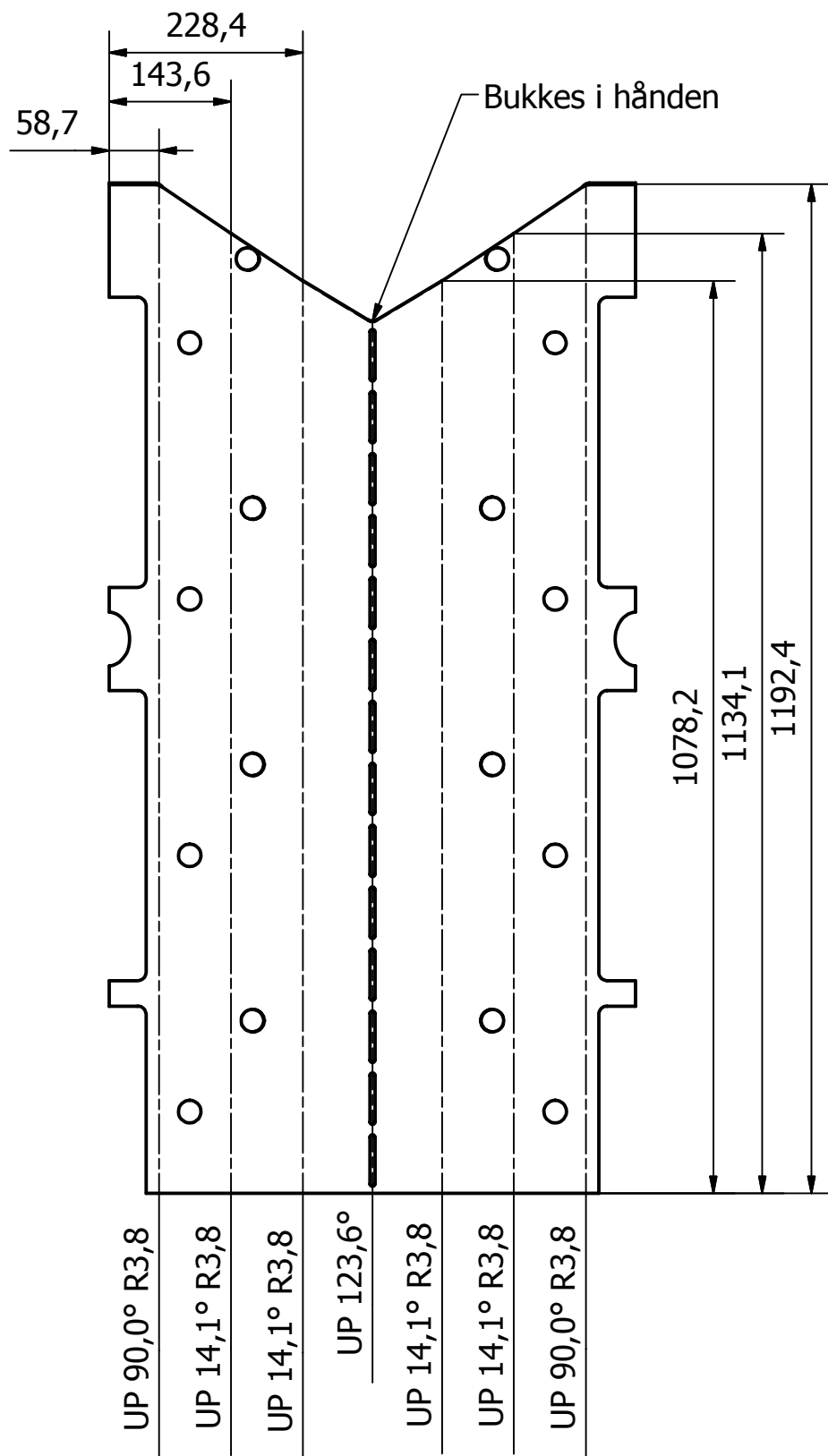
Betegnelse		Materiale		Noter	
vange		S355MC		3 mm plade	
Designed by	Checked by	Approved by		Date	
Kristoffer Ek				26-09-2019	
Vange buk (1:8)					
		Beplantet bæredygtig trappe		Edition	Sheet
				1.10.0	15 / 40



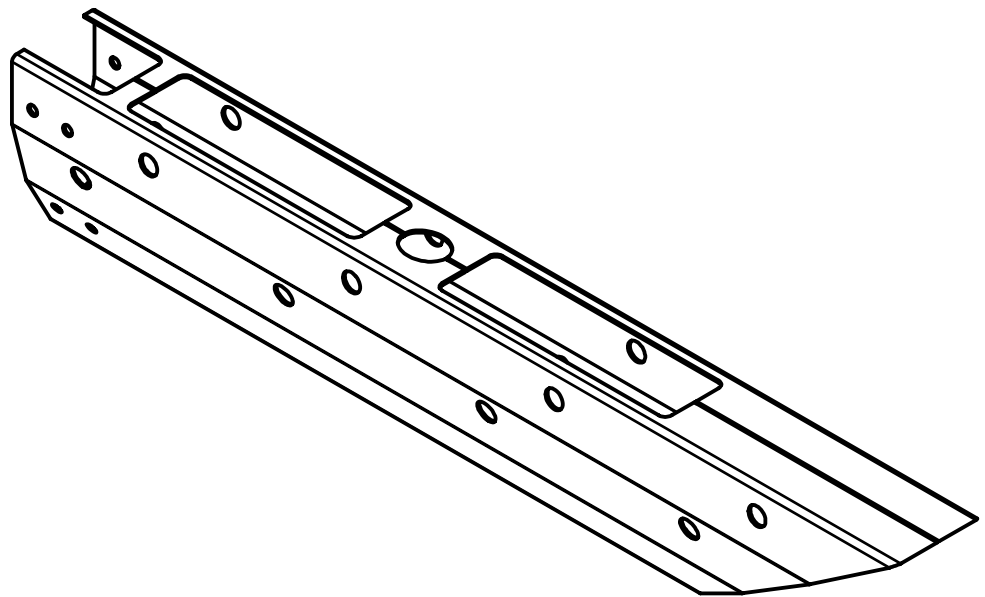
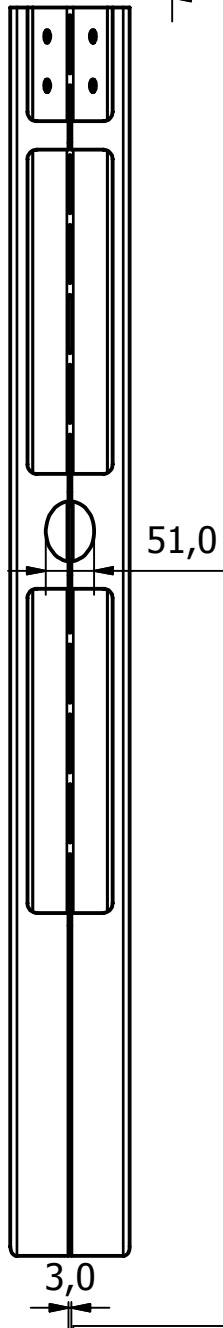
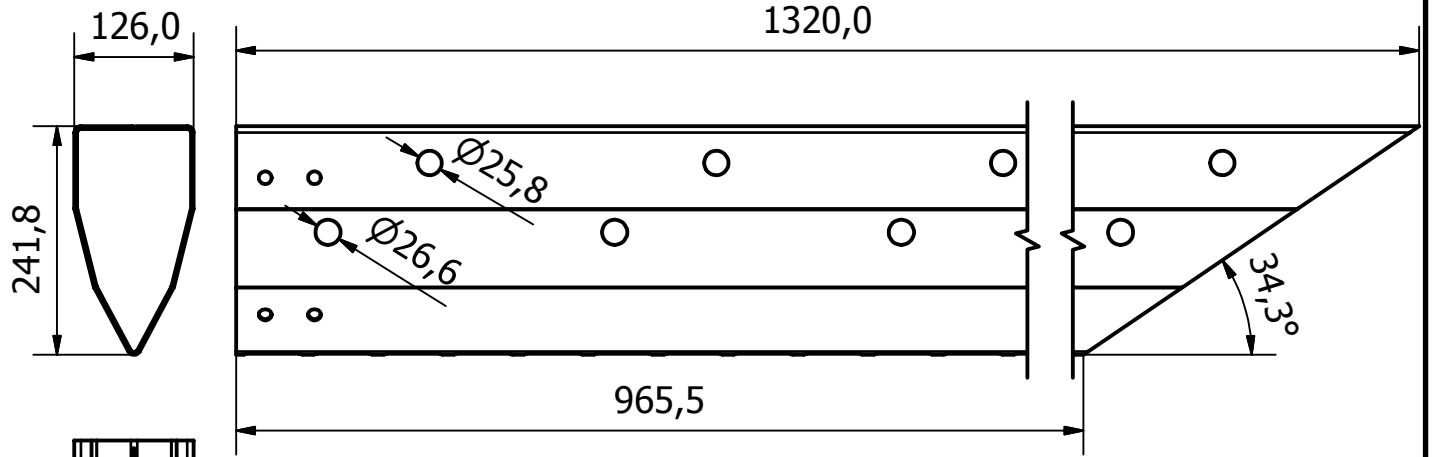
Betegnelse		Materiale		Noter		
vange top		S355MC		3 mm plade		
Designed by	Checked by	Approved by		Date		
Kristoffer Ek				26-09-2019		
Top-vange (1:8)						
		Beplantet bæredygtig trappe			Edition 1.10.0	Sheet 16 / 40



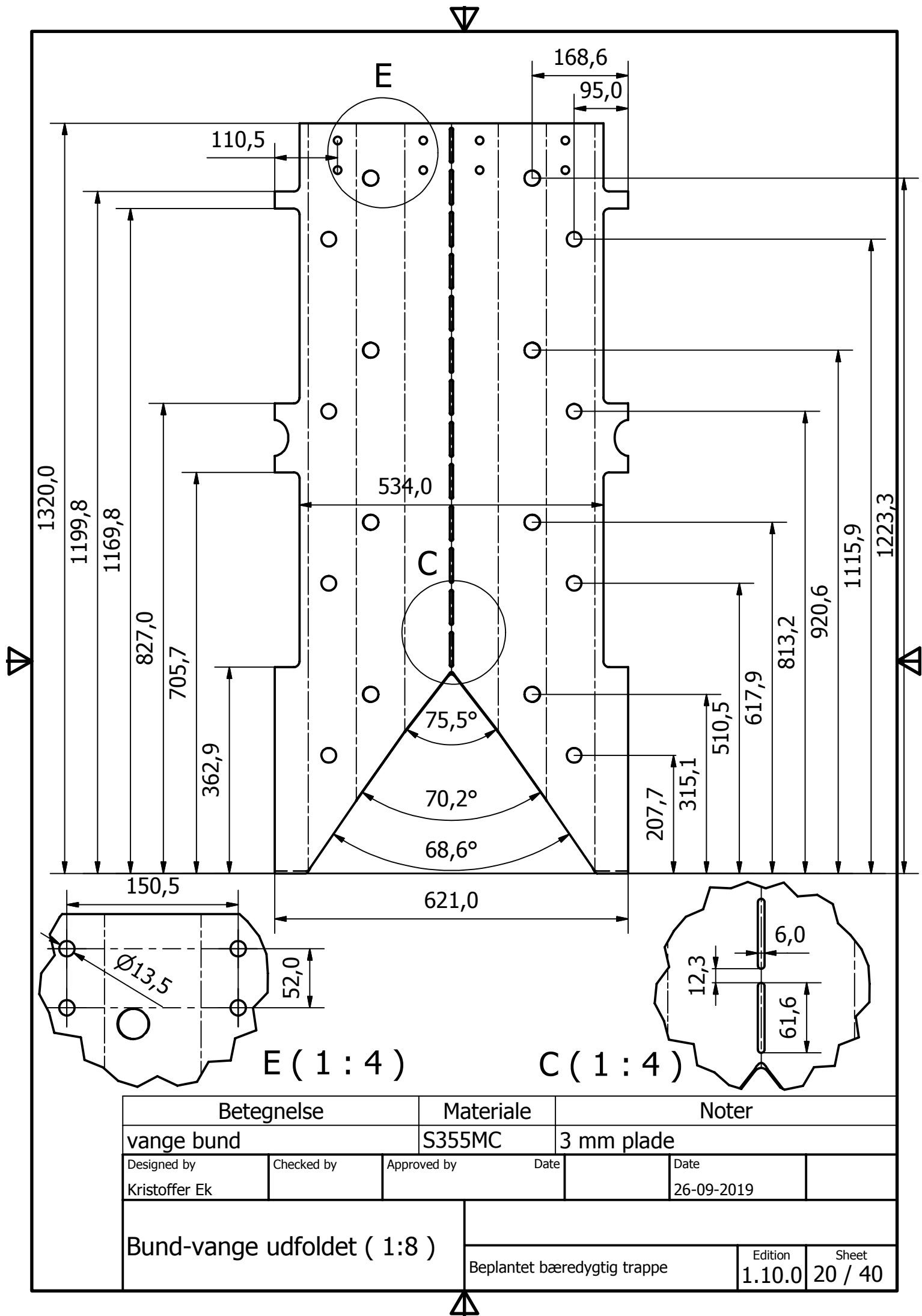
Betegnelse		Materiale		Noter	
vange top		S355MC		3 mm plade	
Designed by	Checked by	Approved by	Date	Date	
Kristoffer Ek				26-09-2019	
Top-vange udfoldet (1:8)					
		Beplantet bæredygtig trappe		Edition	Sheet
				1.10.0	17 / 40

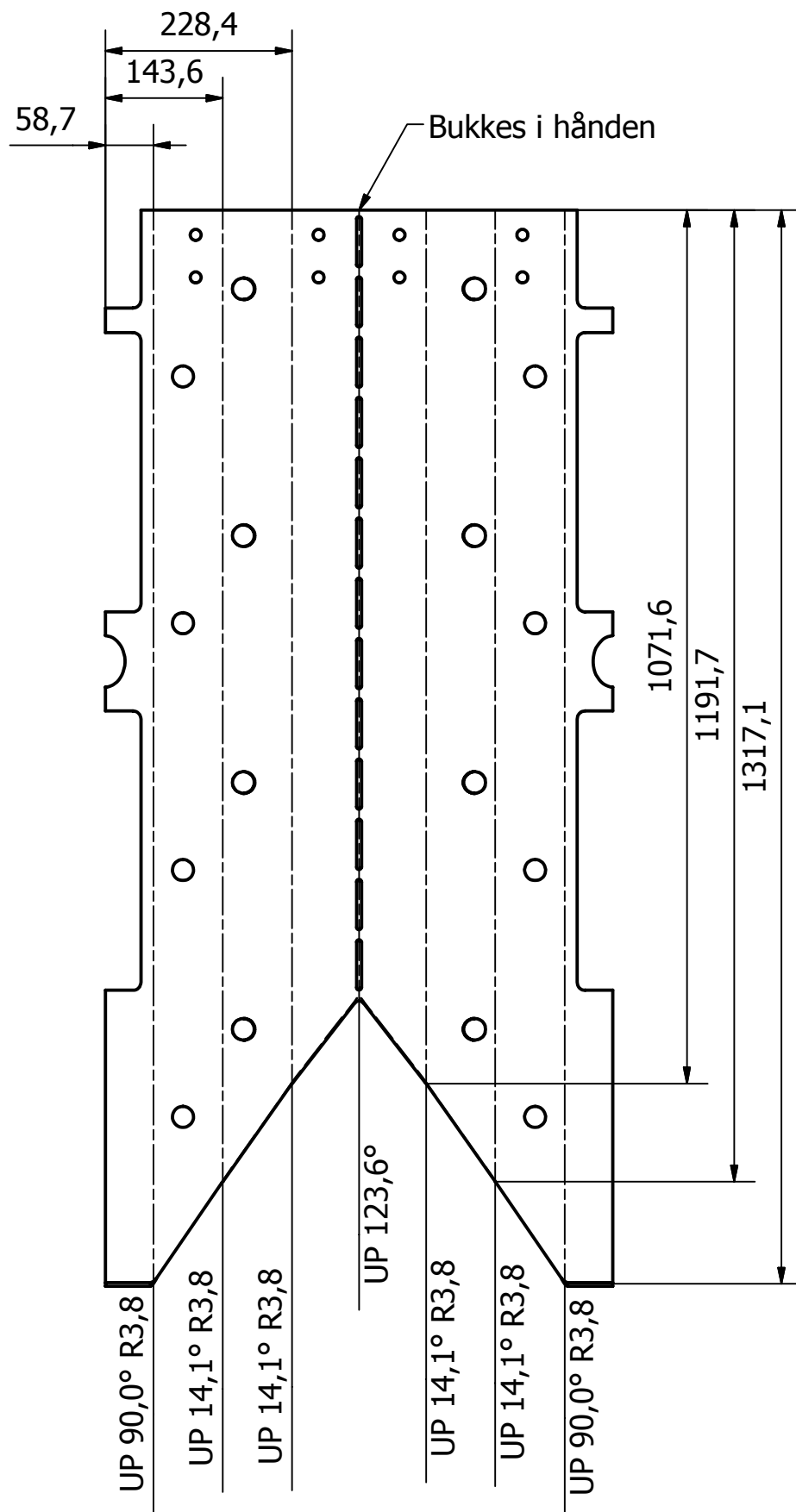


Betegnelse		Materiale		Noter	
vange top		S355MC		3 mm plade	
Designed by	Checked by	Approved by		Date	
Kristoffer Ek				26-09-2019	
Top-vange buk (1:8)					
		Beplantet bæredygtig trappe		Edition	Sheet
				1.10.0	18 / 40

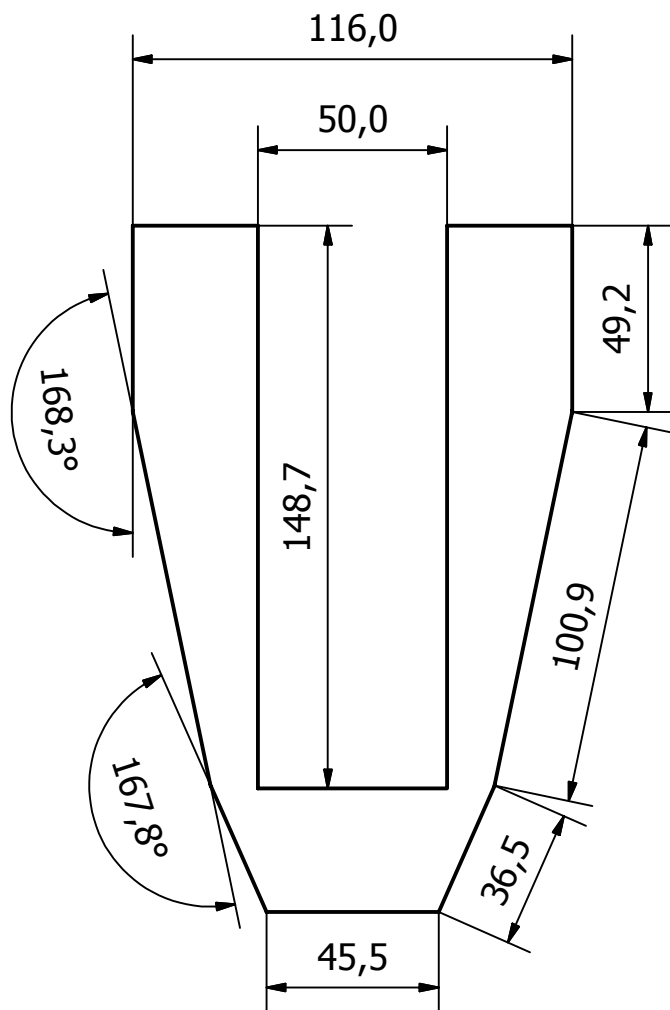


Betegnelse		Materiale		Noter	
vange bund		S355MC		3 mm plade	
Designed by	Checked by	Approved by		Date	
Kristoffer Ek				26-09-2019	
Bund-vange (1:8)					
		Beplantet bæredygtig trappe		Edition	Sheet
				1.10.0	19 / 40





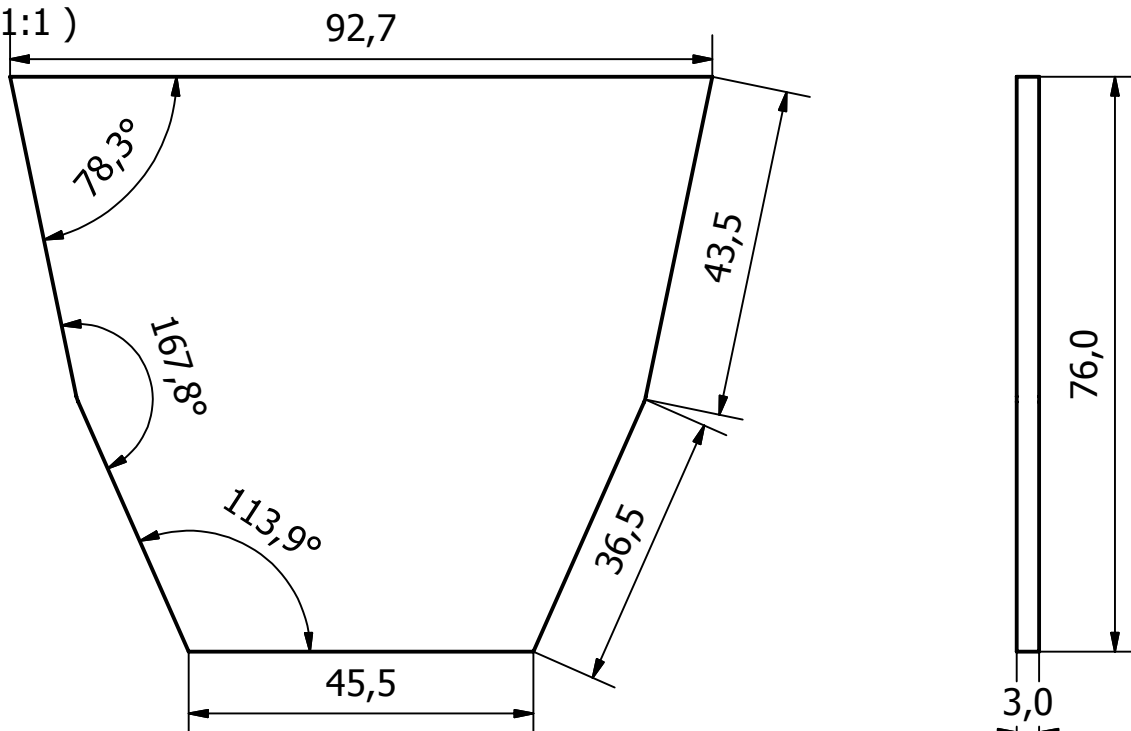
Betegnelse		Materiale		Noter	
vange bund		S355MC		3 mm plade	
Designed by	Checked by	Approved by	Date	Date	
Kristoffer Ek				26-09-2019	
Bund-vange buk (1:8)					
		Beplantet bæredygtig trappe		Edition 1.10.0	Sheet 21 / 40



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 1.10.0	Sheet 22 / 40

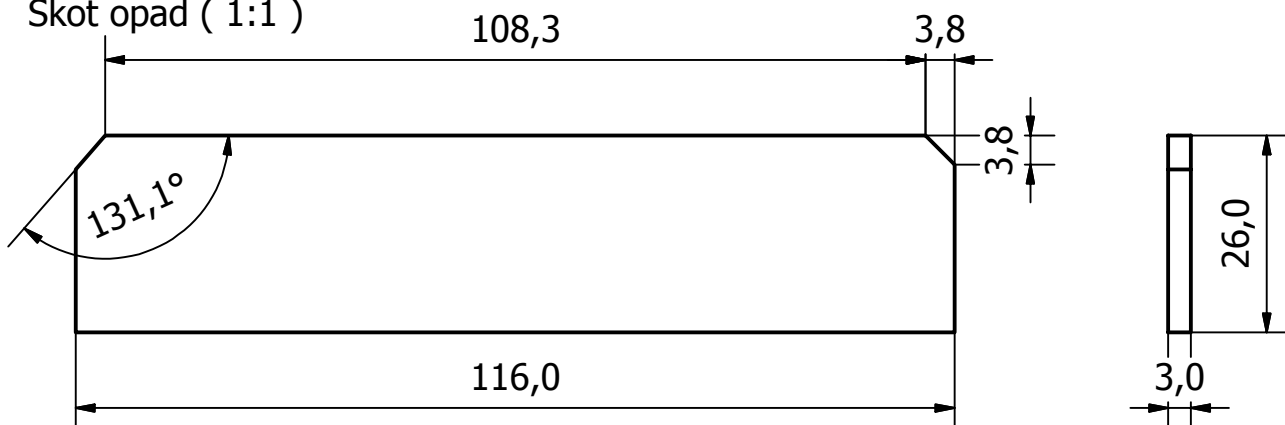


Skot (1:1)



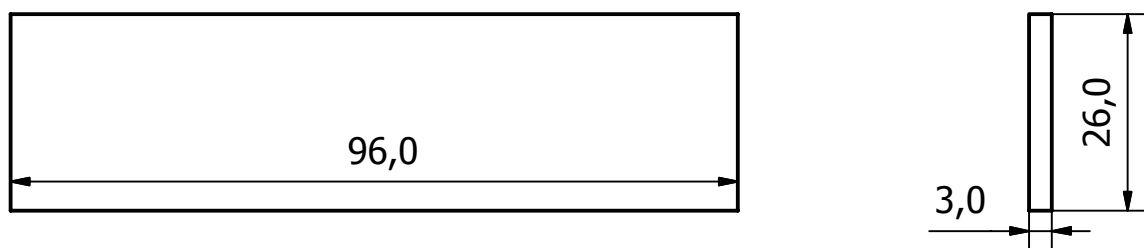
Betegnelse	Materiale	Noter
skot	S355MC	3 mm plade

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

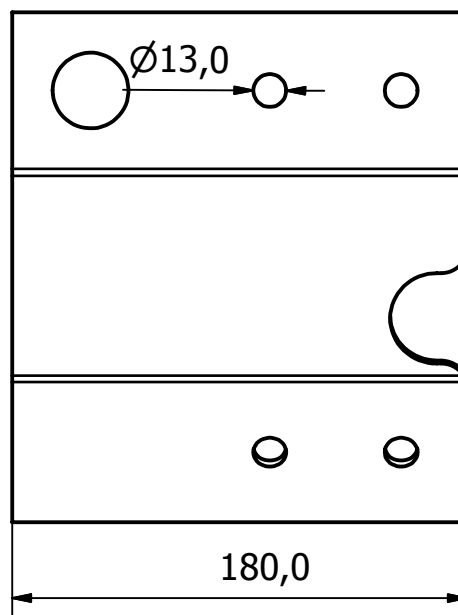
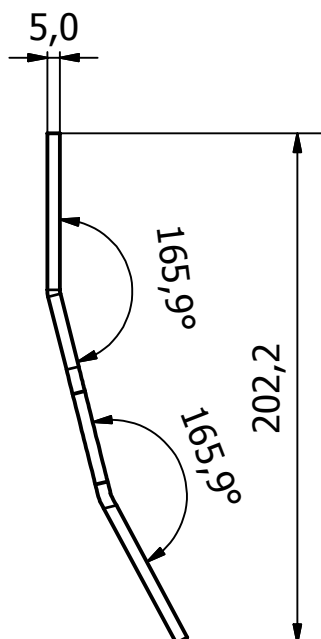
Beplantet bæredygtig trappe

Edition
1.10.0

Sheet
23 / 40

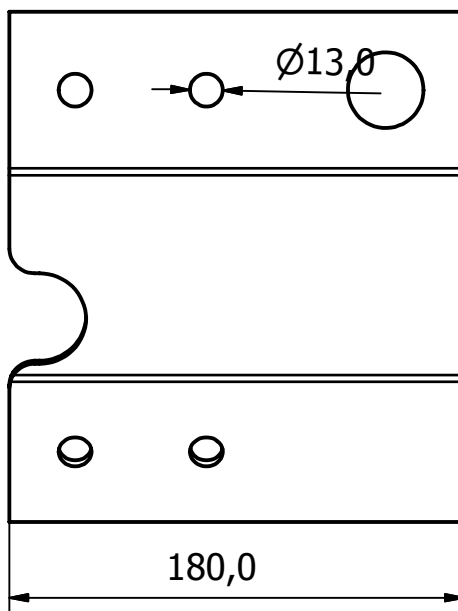
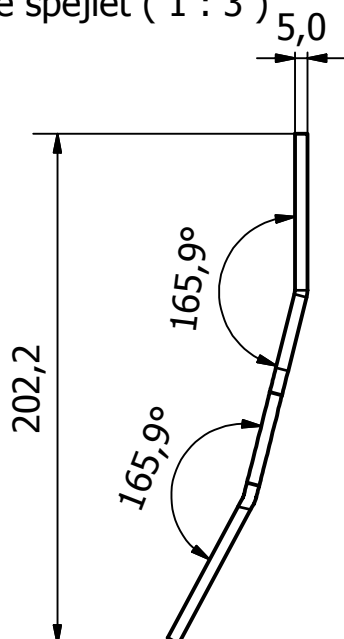


Laske (1 : 3)



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	

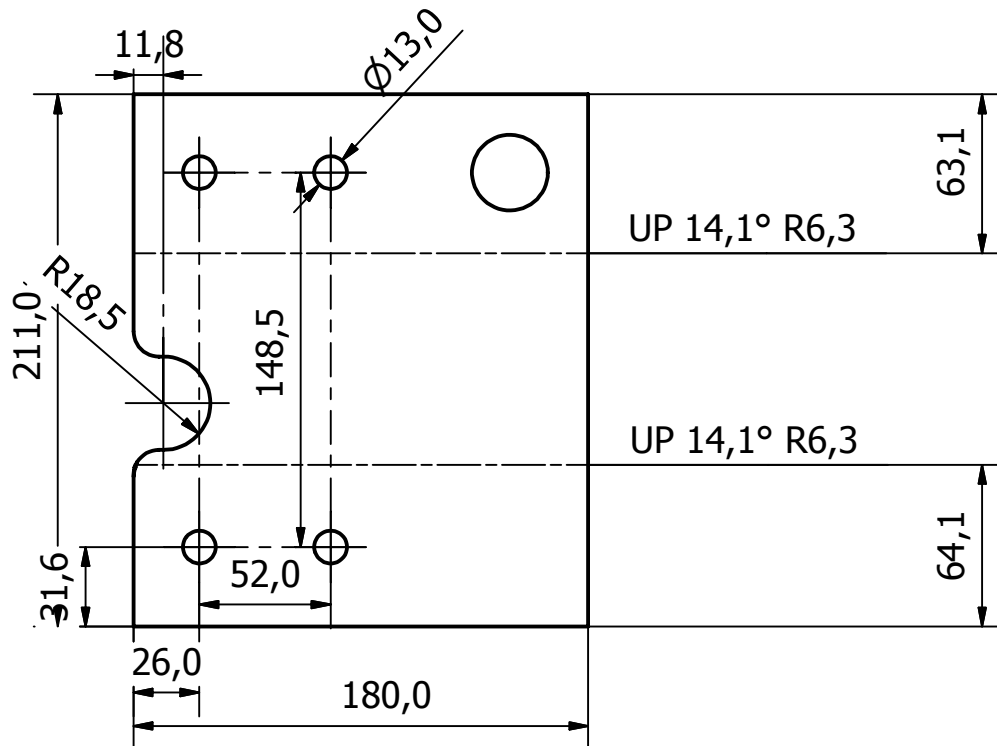
Lasker

Beplantet bæredygtig trappe

Edition
1.10.0

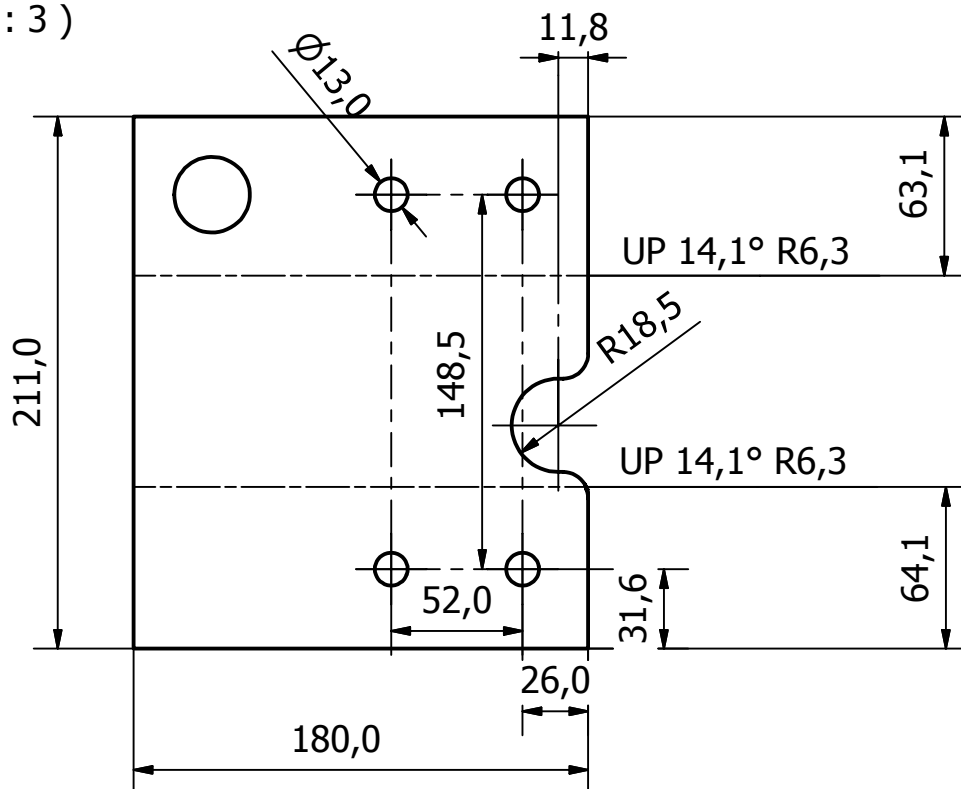
Sheet
24 / 40

Laske (1 : 3)



Betegnelse	Materiale	Noter
laske	S355MC	5 mm plade

Laske spejlet (1 : 3)



Betegnelse	Materiale	Noter
laske spejlet	S355MC	5 mm plade

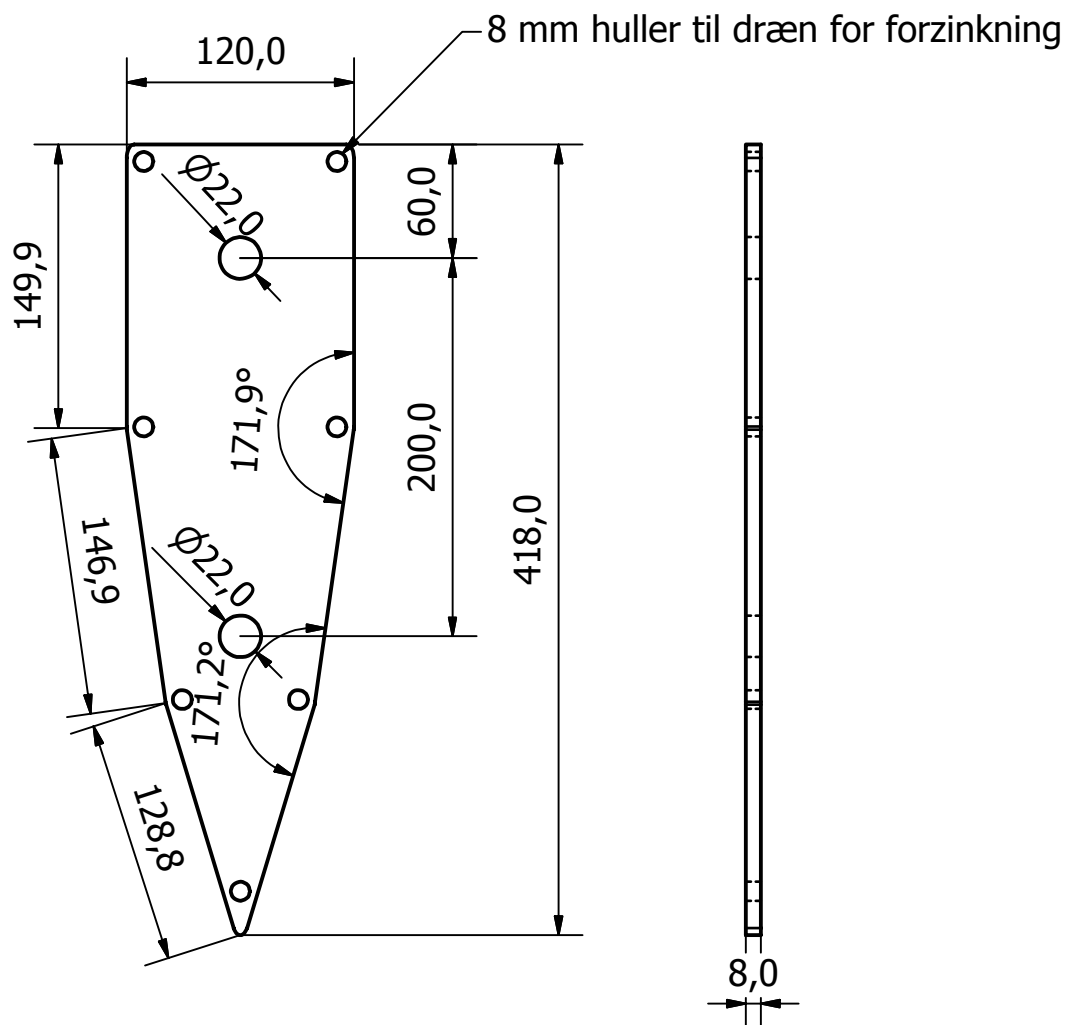
Designed by Kristoffer Ek	Checked by	Approved by	Date	Date	
				26-09-2019	

Lasker buk

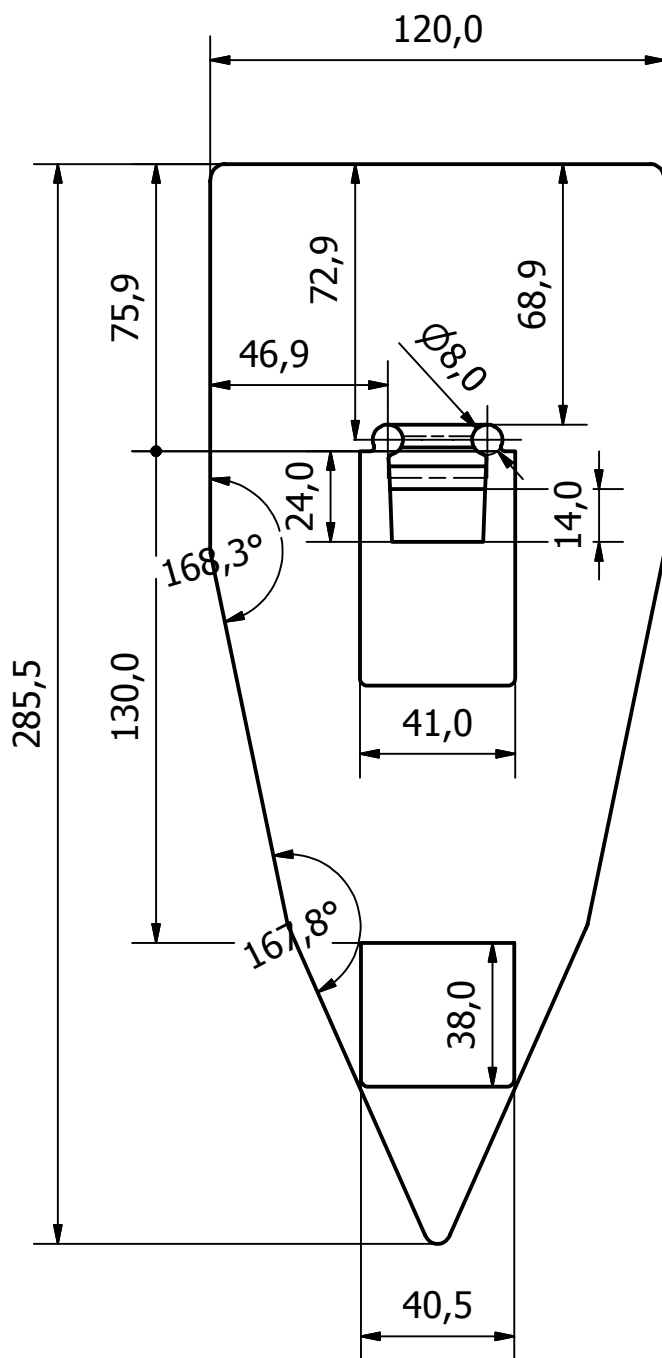
Beplantet bæredygtig trappe

Edition
1.10.0

Sheet
25 / 40

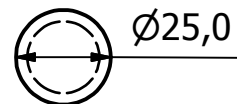
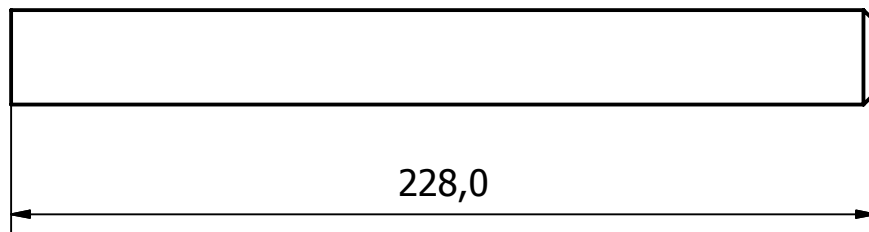


Betegnelse		Materiale		Noter	
bund vange-endeplade		S235JR		8 mm plade	
Designed by Kristoffer Ek	Checked by	Approved by		Date 26-09-2019	
Bund-vange-endeplade (1:4)					
		Beplantet bæredygtig trappe		Edition 1.10.0	Sheet 26 / 40



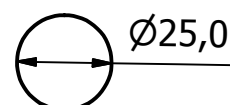
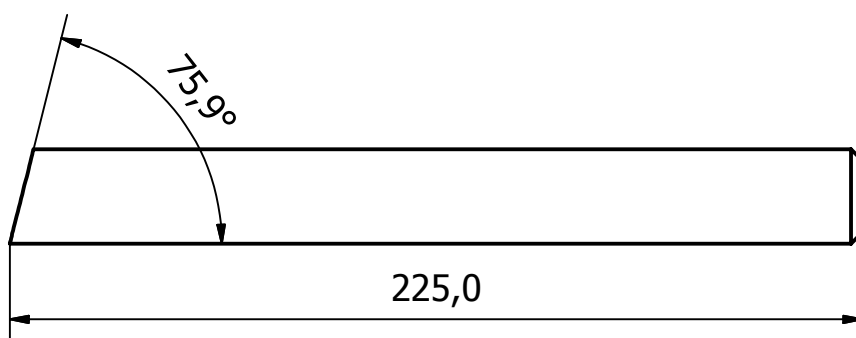
Betegnelse		Materiale		Noter	
top vange-endeplade		S235JR		8 mm plade	
Designed by	Checked by	Approved by		Date	
Kristoffer Ek				26-09-2019	
Top vange-endeplade (1:2)					
		Beplantet bæredygtig trappe		Edition	Sheet
				1.10.0	27 / 40

Trappestift (1:2)



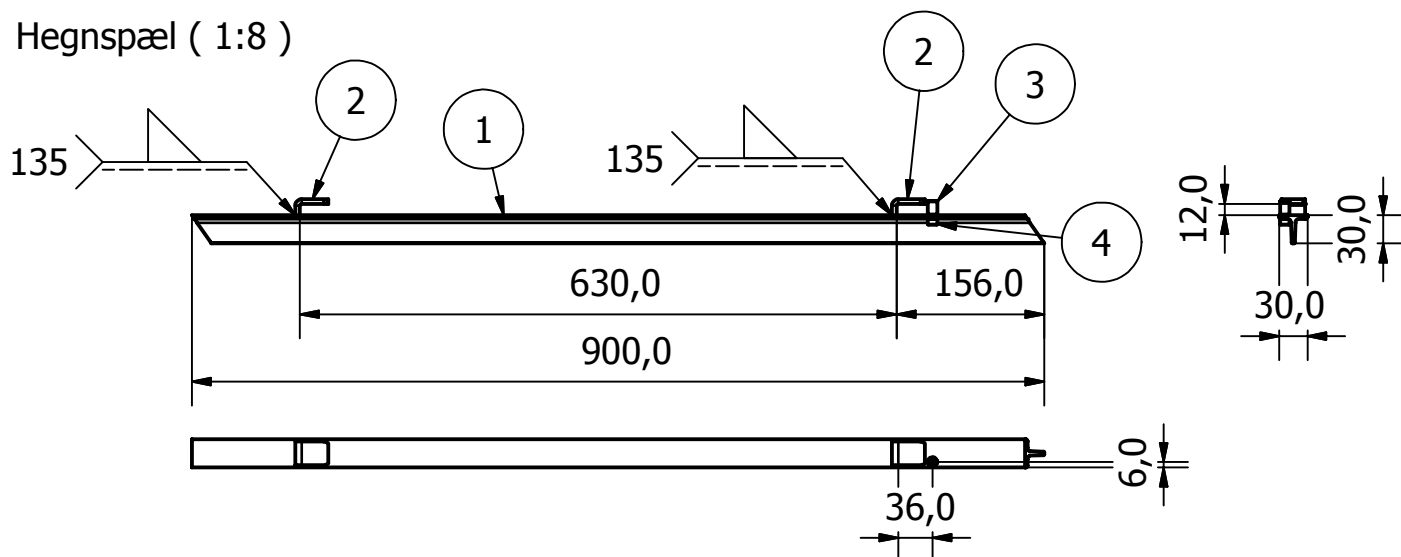
Betegnelse	Materiale	Noter
trappestift	S355J2	

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 1.10.0	Sheet 28 / 40

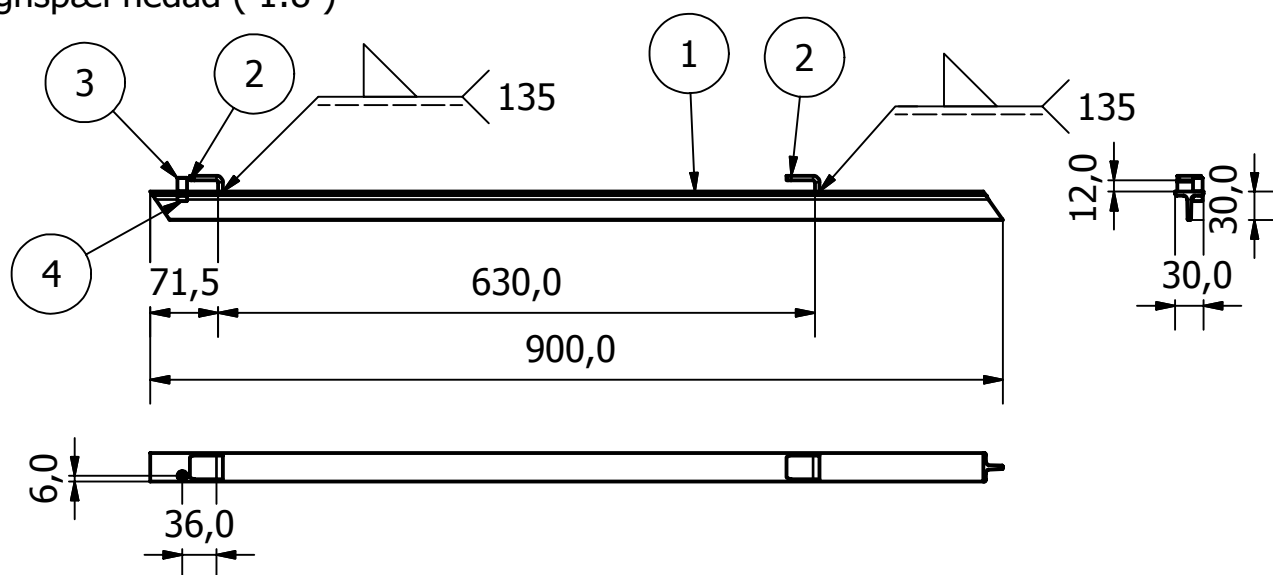
Hegnspæl (1:8)



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	

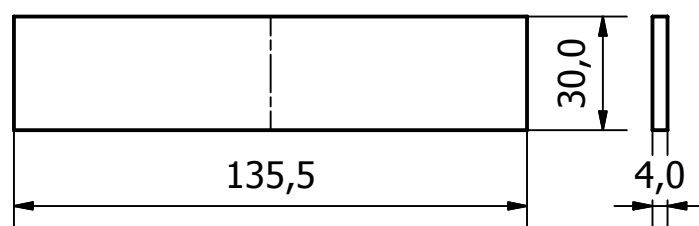
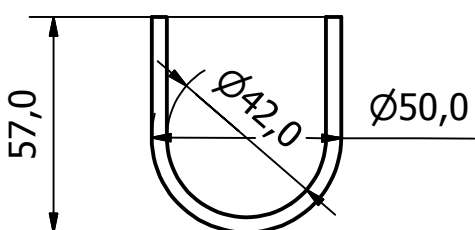
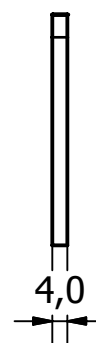
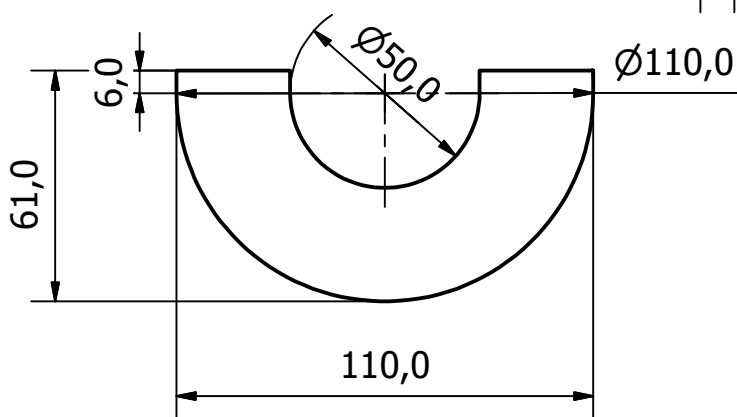
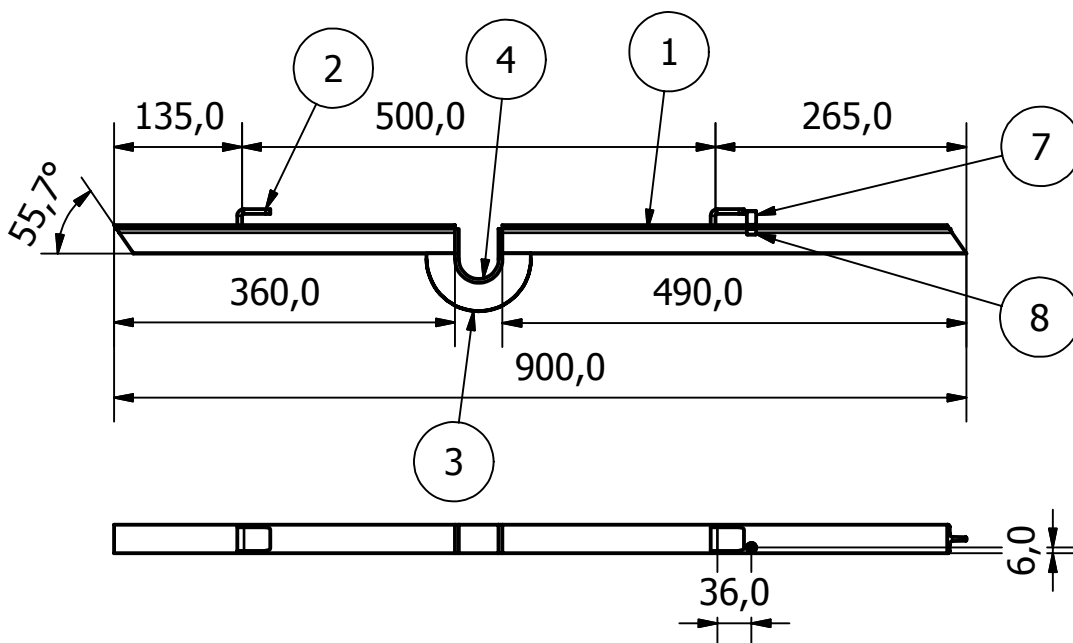
Hegnspæl nedad (1:8)



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	

Designed by Kristoffer Ek	Checked by	Approved by	Date	Date	
				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	

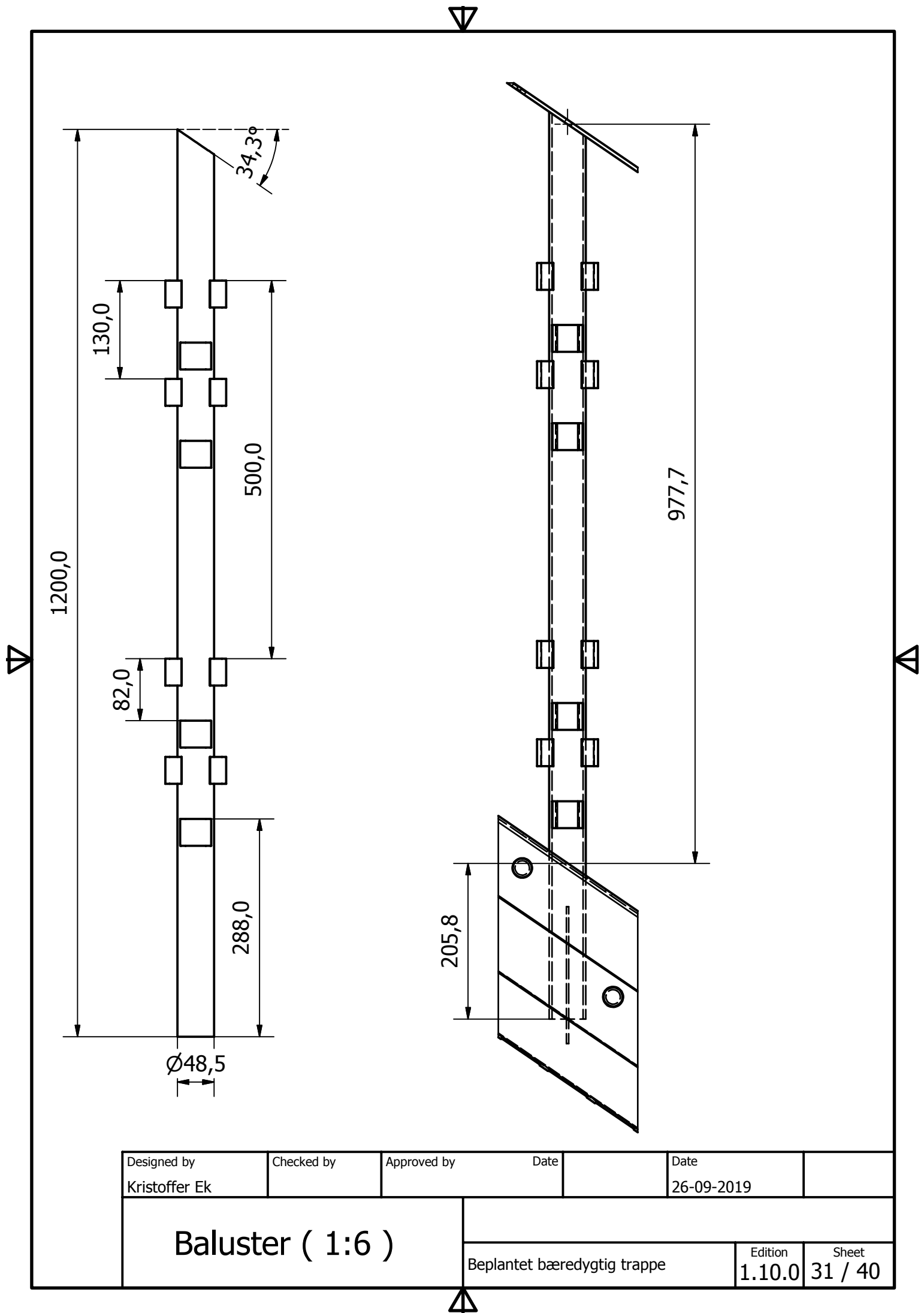
Designed by Kristoffer Ek	Checked by	Approved by	Date	Date	
				26-09-2019	

Hegnspæl platform (1:8)

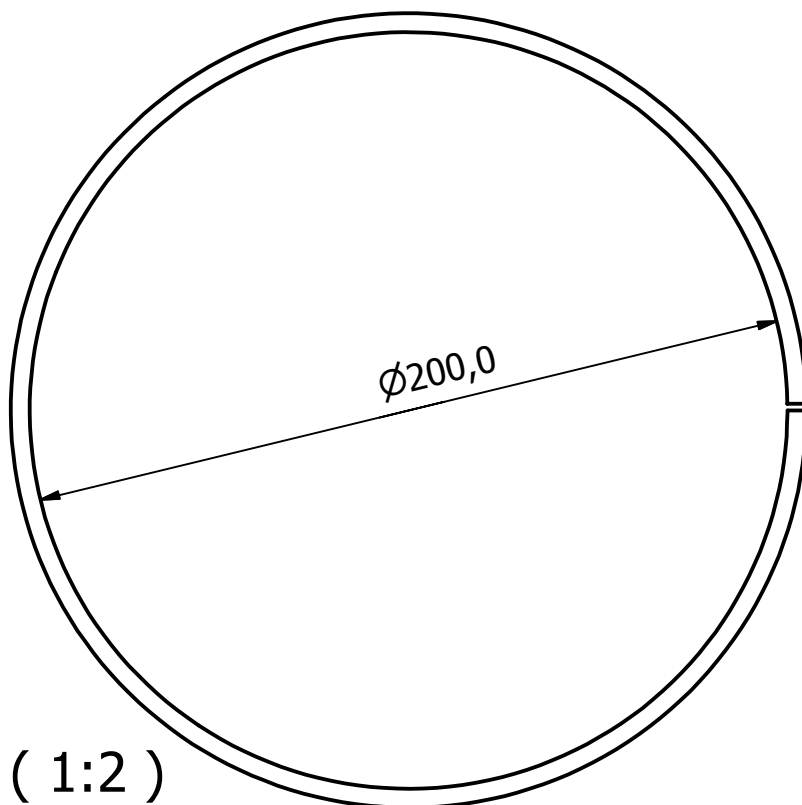
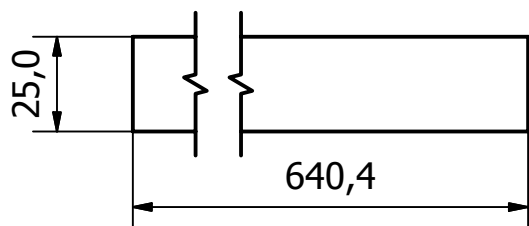
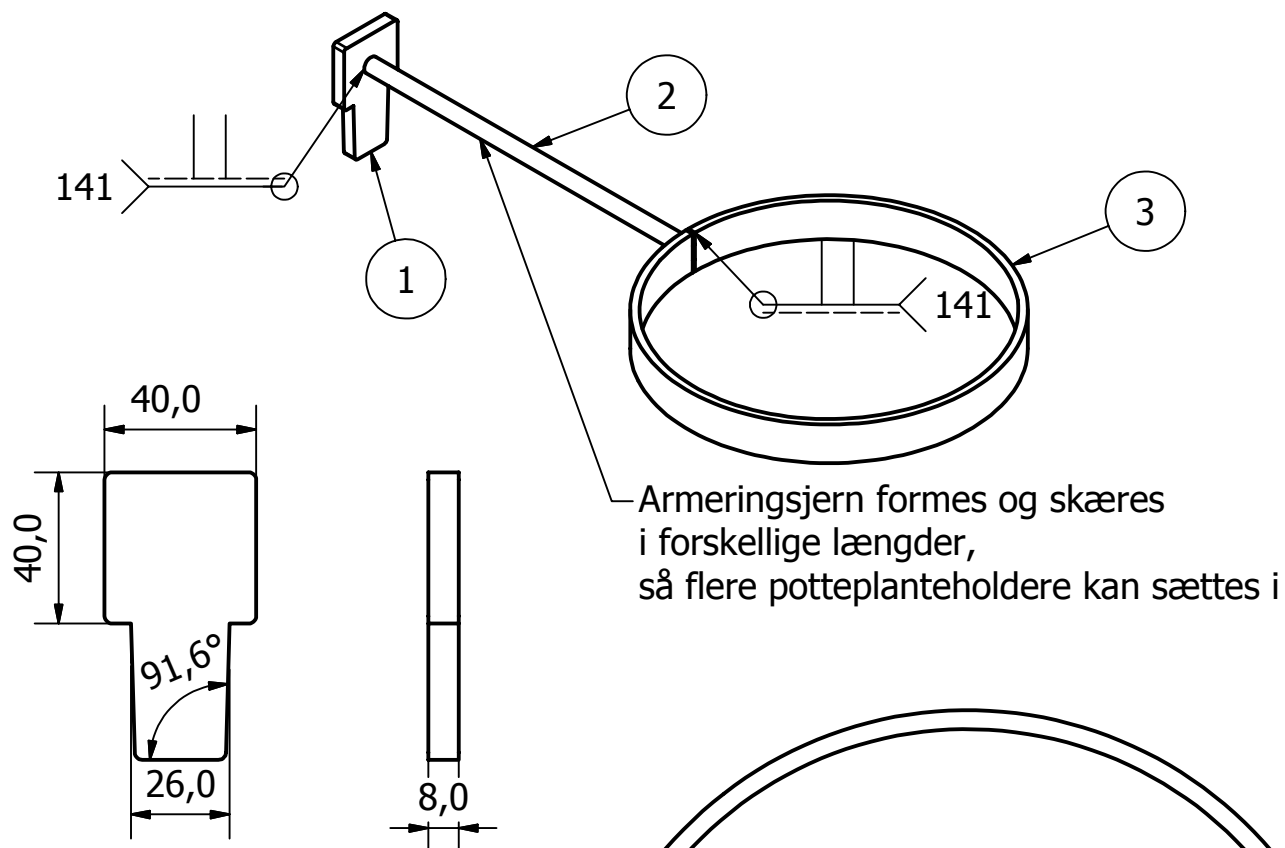
Beplantet bæredygtig trappe

Edition
1.10.0

Sheet
30 / 40



Designed by Kristoffer Ek	Checked by	Approved by	Date	Date 26-09-2019	
Baluster (1:6)			Beplantet bæredygtig trappe		
			Edition 1.10.0	Sheet 31 / 40	



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

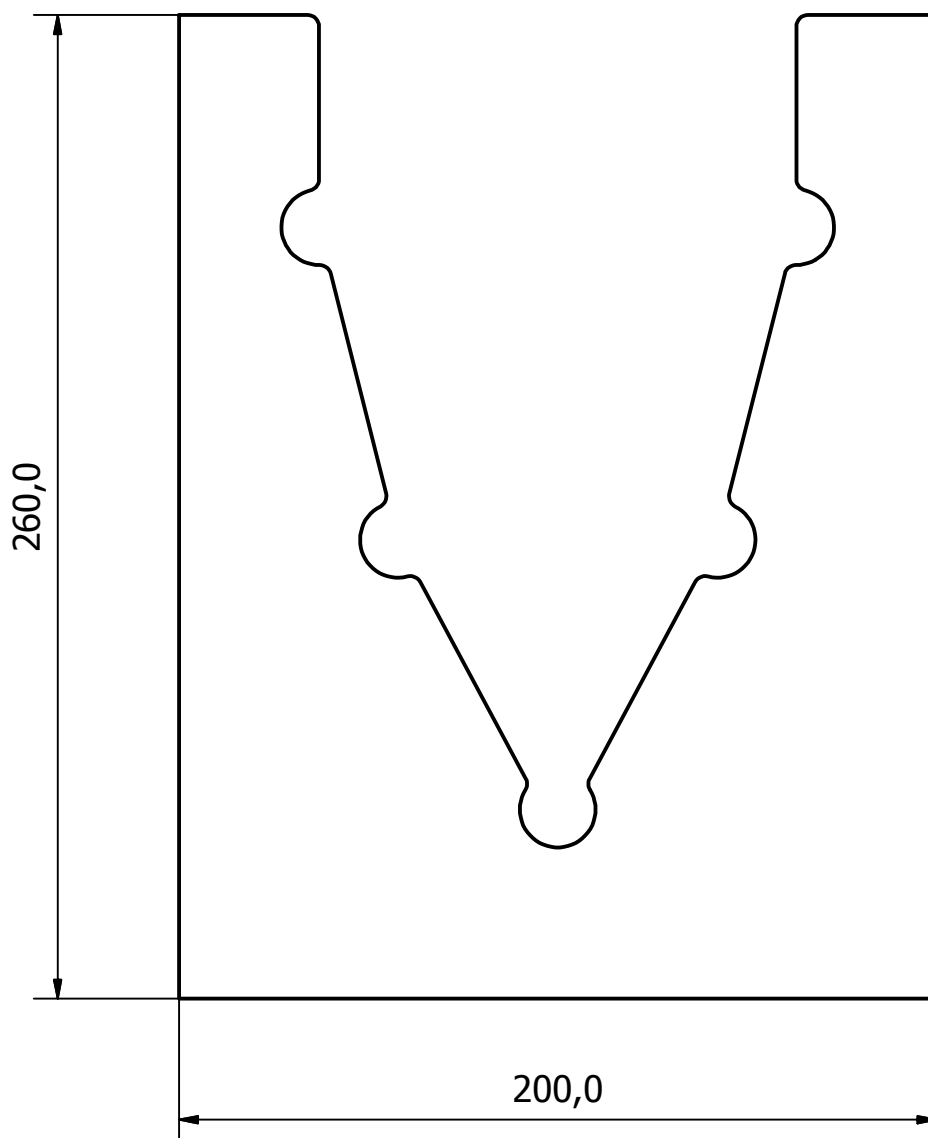
26-09-2019

Potteplanteholder (1 : 4)

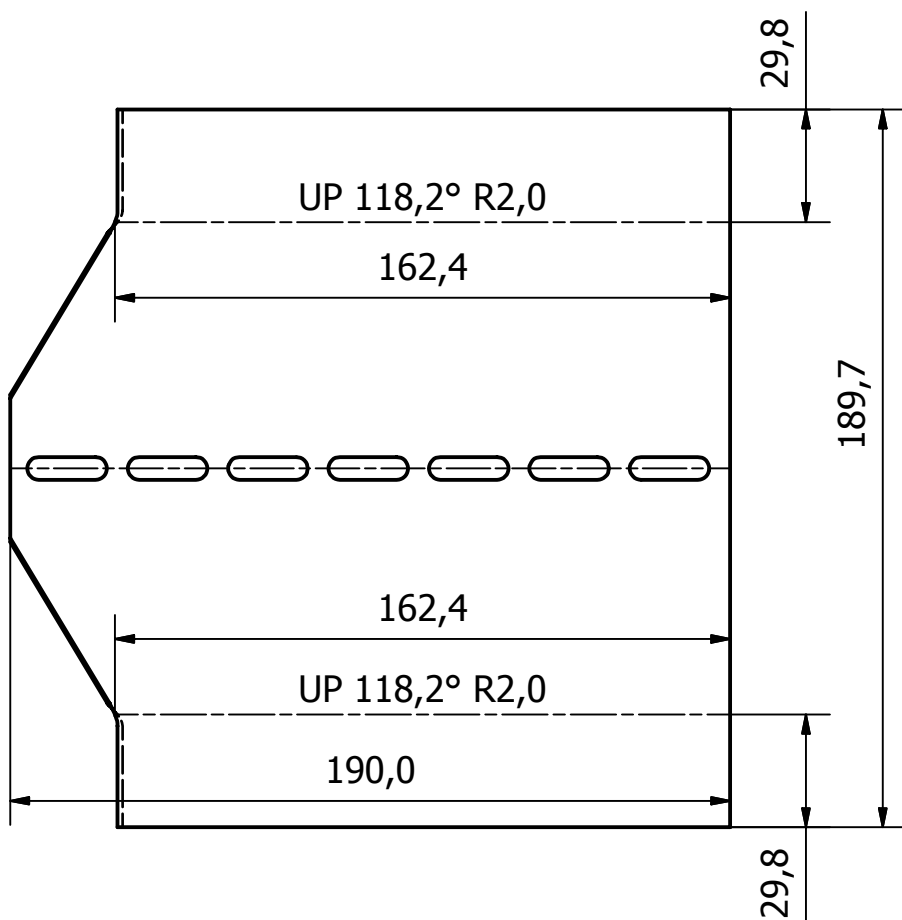
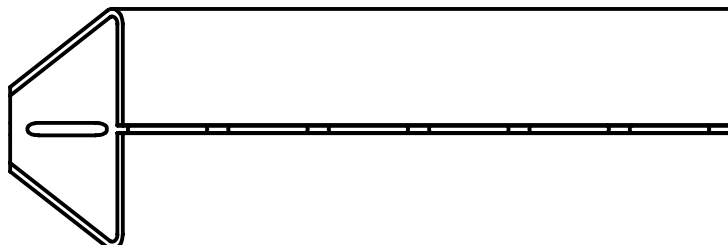
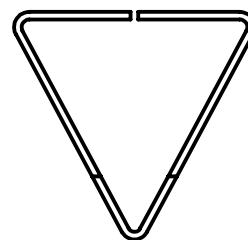
Beplantet bæredygtig trappe

Edition
1.10.0

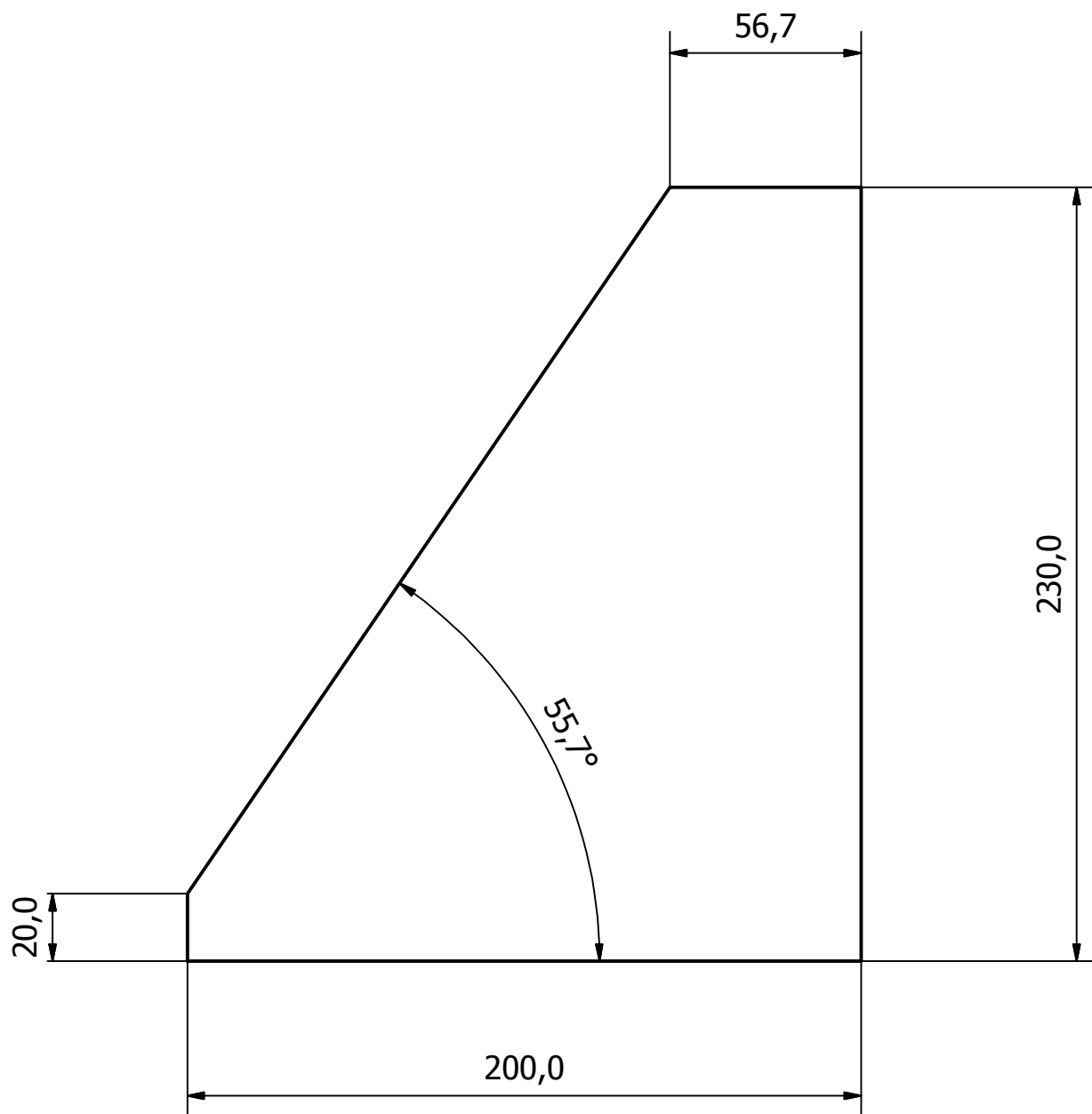
Sheet
32 / 40



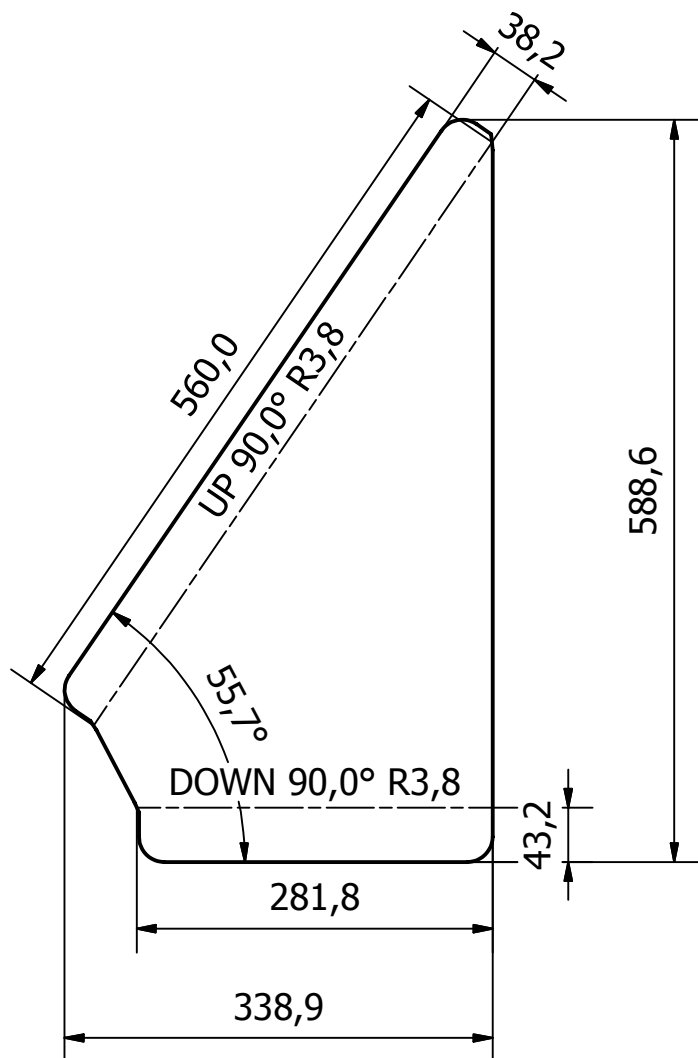
Betegnelse		Materiale		Noter	
svejselære 1		Generic		3 mm plade	
Designed by Kristoffer Ek	Checked by	Approved by		Date 26-09-2019	
Svejselære 1 (1 : 2)					
		Beplantet bæredygtig trappe		Edition 1.10.0	Sheet 33 / 40



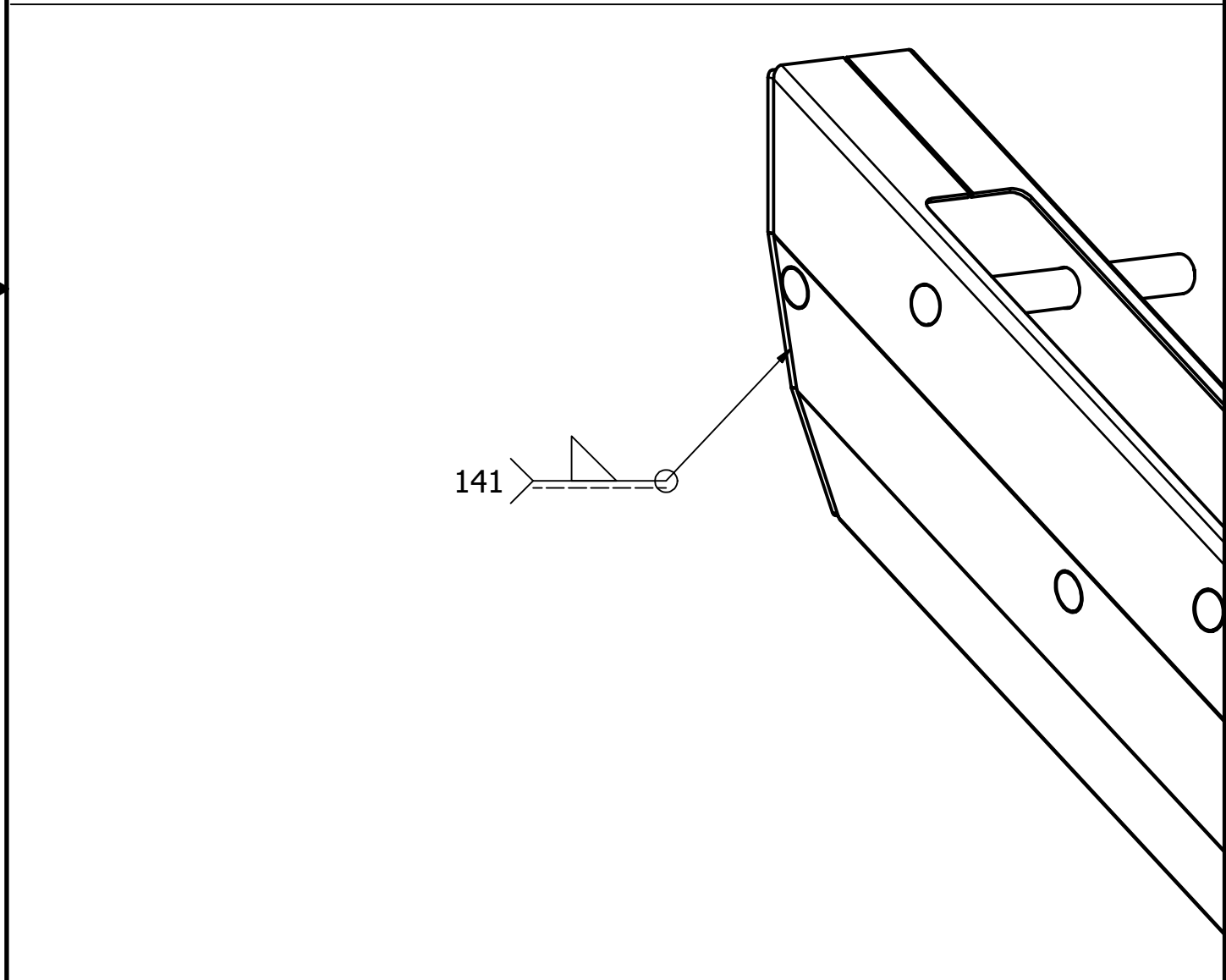
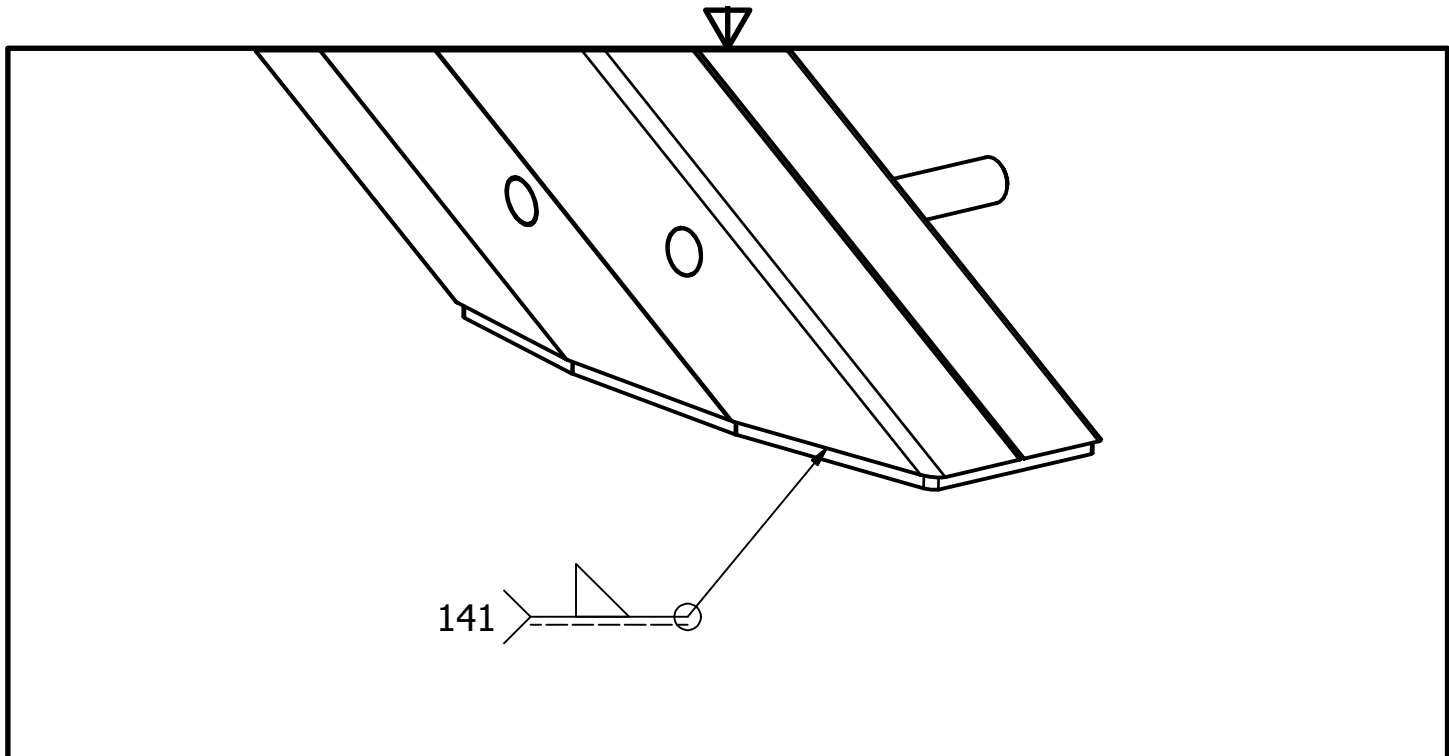
Betegnelse		Materiale		Noter	
svejselære 2 del 1		Generic			
Designed by	Checked by	Approved by	Date	Date	
Kristoffer Ek				26-09-2019	
Svejselære 2 (1 : 2)					
		Beplantet bæredygtig trappe		Edition 1.10.0	Sheet 34 / 40



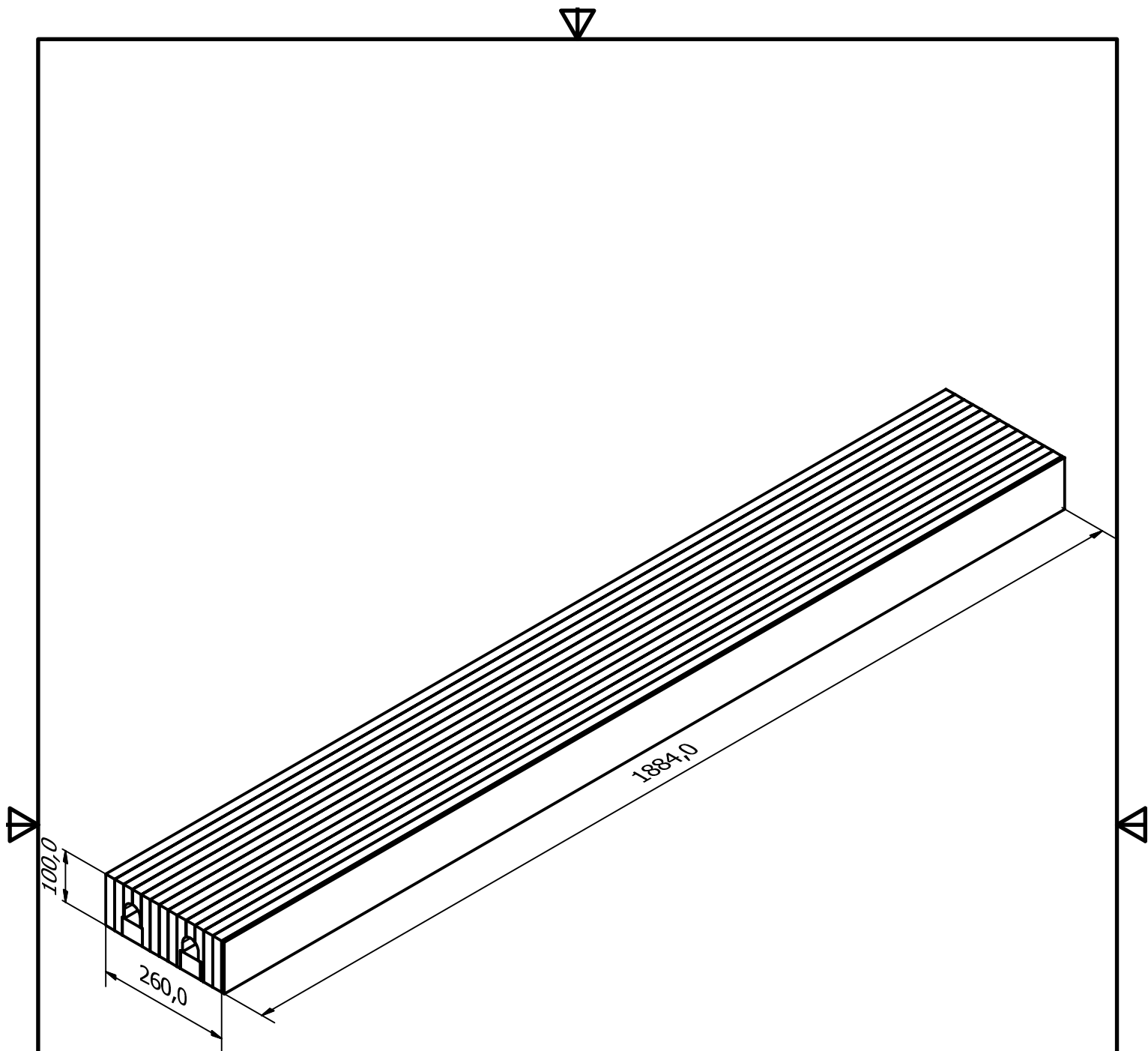
Betegnelse		Materiale		Noter	
svejselære 2 del 2		Generic		2 mm	
Designed by Kristoffer Ek	Checked by	Approved by		Date 26-09-2019	
Svejselære 2 (1 : 2)					
		Beplantet bæredygtig trappe		Edition 1.10.0	Sheet 35 / 40



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 1.10.0	Sheet 36 / 40



Designed by Kristoffer Ek	Checked by	Approved by	Date		Date	26-09-2019	
Svejsning af vange-endeplade (1:4)							
			Beplantet bæredygtig trappe		Edition	1.10.0	Sheet 37 / 40



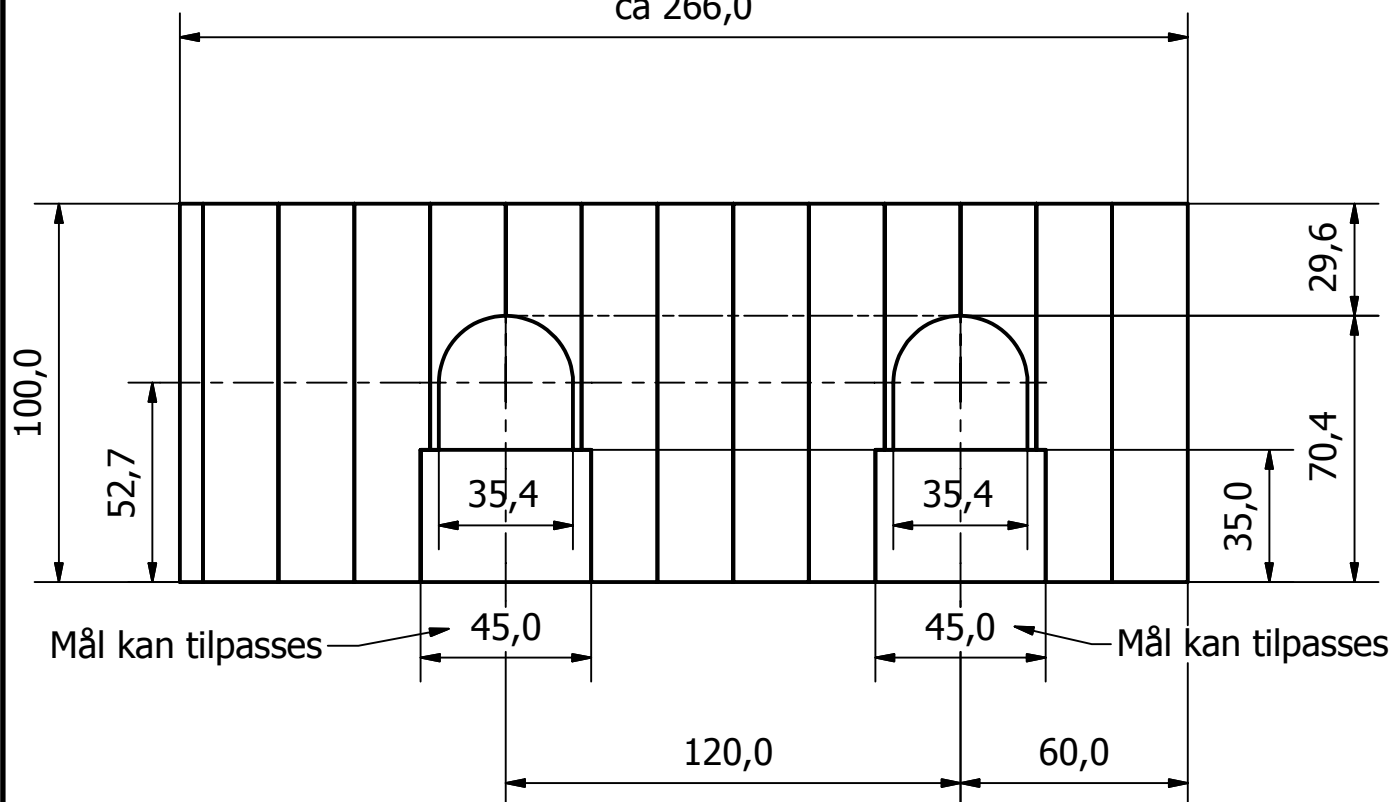
Se side 39 for detaljer af profil

Designed by Kristoffer Ek	Checked by	Approved by	Date		Date	
					26-09-2019	
Trin (1 : 9)						
			Beplantet bæredygtig trappe		Edition 1.10.0	Sheet 38 / 40



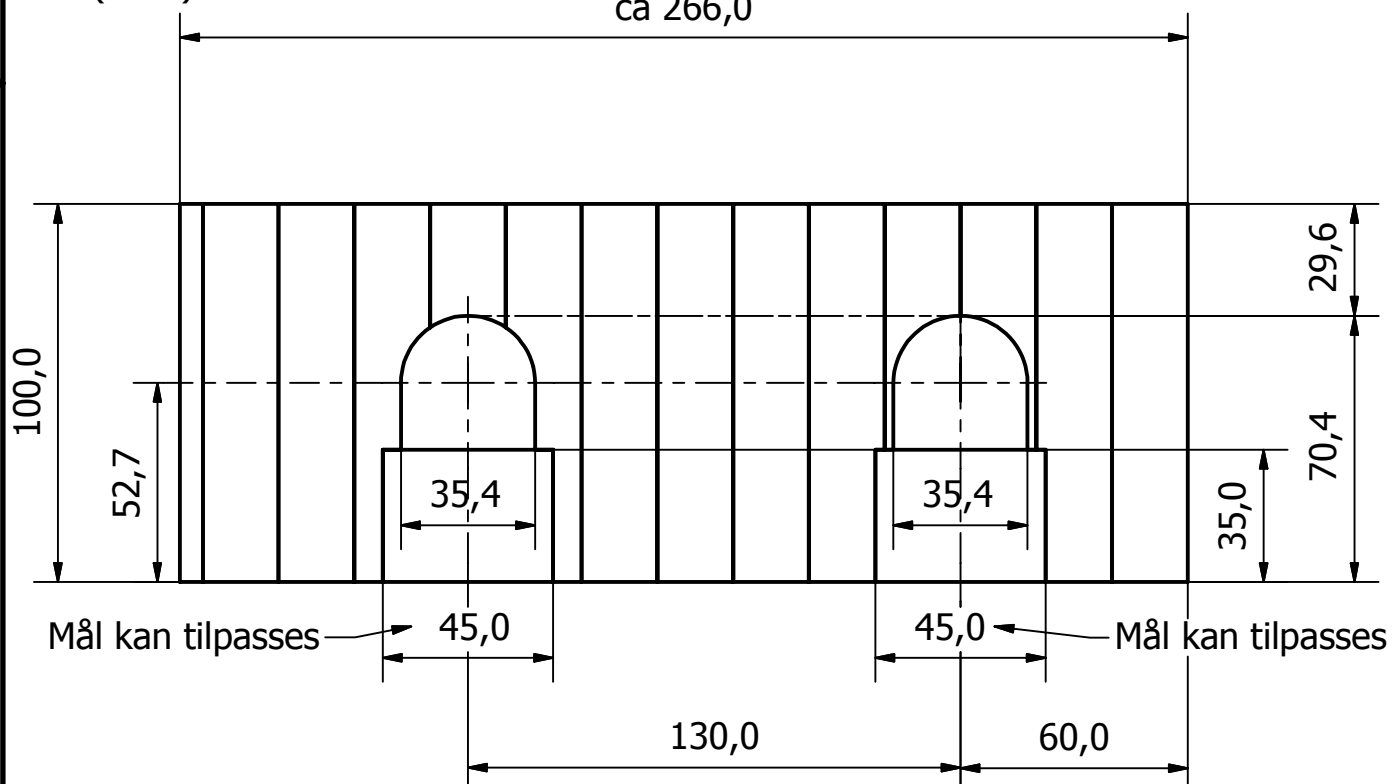
top-trin (1:2) 2 stk.

ca 266,0



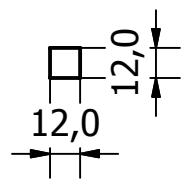
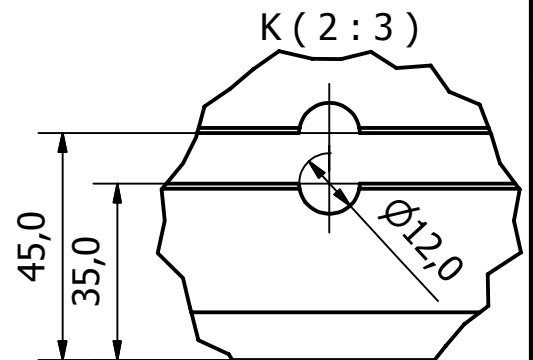
trin (1:2) 30 stk

ca 266,0



Designed by Kristoffer Ek	Checked by	Approved by	Date	Date	
				26-09-2019	
Trin Længde er 1884 mm			Beplantet bæredygtig trappe		
			Edition 1.10.0	Sheet 39 / 40	





Designed by	Checked by	Approved by	Date		Date	
Kristoffer Ek					26-09-2019	
Træhåndfang(1:1)						
			Beplantet bæredygtig trappe		Edition 1.10.0	Sheet 40 / 40