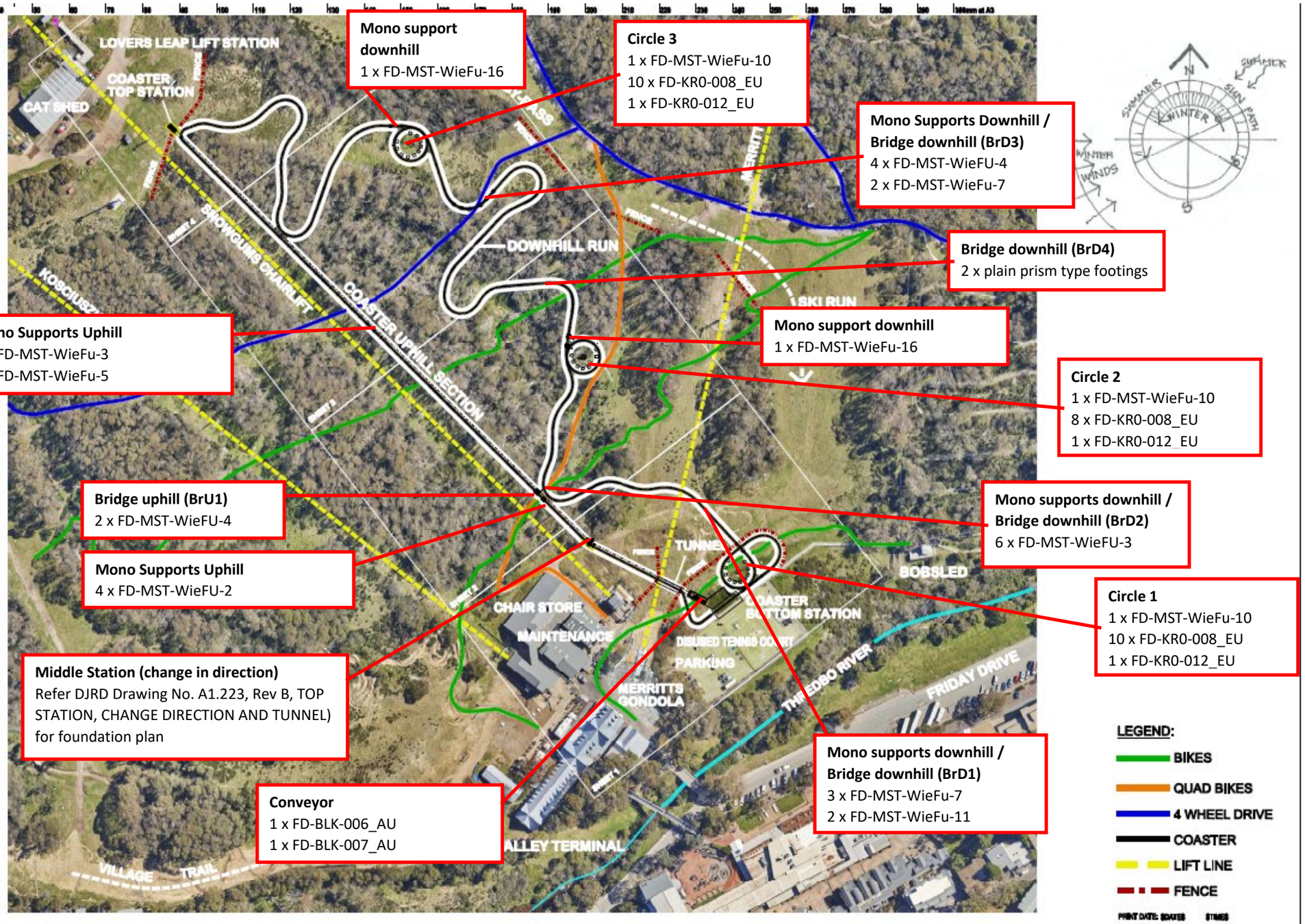


Mono support downhill
1 x FD-MST-WieFu-16

Circle 3
1 x FD-MST-WieFu-10
10 x FD-KR0-008_EU
1 x FD-KR0-012_EU

Mono Supports Downhill / Bridge downhill (BrD3)
4 x FD-MST-WieFu-4
2 x FD-MST-WieFu-7

Bridge downhill (BrD4)
2 x plain prism type footings

Mono Supports Uphill
4 x FD-MST-WieFu-3
8 x FD-MST-WieFu-5

Mono support downhill
1 x FD-MST-WieFu-16

Circle 2
1 x FD-MST-WieFu-10
8 x FD-KR0-008_EU
1 x FD-KR0-012_EU

Bridge uphill (BrU1)
2 x FD-MST-WieFU-4

Mono supports downhill / Bridge downhill (BrD2)
6 x FD-MST-WieFU-3

Mono Supports Uphill
4 x FD-MST-WieFU-2

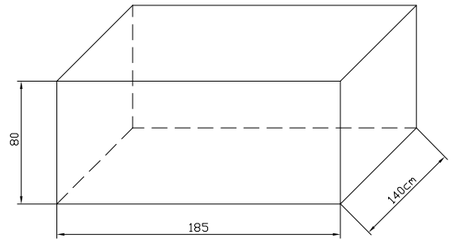
Circle 1
1 x FD-MST-WieFu-10
10 x FD-KR0-008_EU
1 x FD-KR0-012_EU

Middle Station (change in direction)
Refer DJRD Drawing No. A1.223, Rev B, TOP STATION, CHANGE DIRECTION AND TUNNEL) for foundation plan

Mono supports downhill / Bridge downhill (BrD1)
3 x FD-MST-WieFu-7
2 x FD-MST-WieFu-11

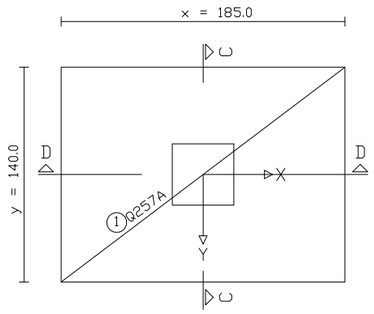
Conveyor
1 x FD-BLK-006_AU
1 x FD-BLK-007_AU

foundation 185 cm x 140 cm x 80 cm

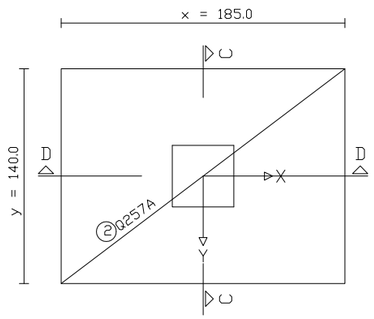


concrete class C25/30.
concrete cover minimum 5cm
material Q257A

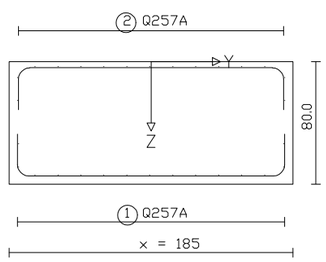
A-A.
Top view of bottom plate reinforcement



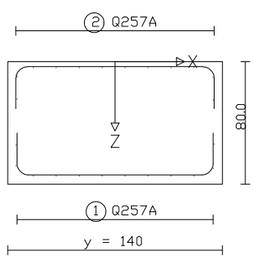
B-B.
Top view of top plate reinforcement



Section D-D



Section C-C



reinforcement FD-BLK-006_AU

Reinforcement constructiv !!

reinforcing steel mats on top and bottom						
positon number	major reinforcement -direction	type of mat	weight [kg/m2]	area without overlapping [m2]	weight per foundation [kg]	total weight [kg]
1	x-direction	Q 257A	4.12	3.91	16.11	16.11
2	y-direction	Q 257A	4.12	3.91	16.11	16.11

mesh support and ring reinforcement for quiver — Reinforcement steel: B 500 S (A)

position number	quantity per foundation	total quantity	⌀ [mm]	sectional length [cm]	total length [m] ⌀8	⌀10	⌀12	⌀16
Date:				running m				
				kg/run. m	0.39	0.62	0.89	1.58
				kg				
				total weight	0 + 32.22 (mesh) = 32.22 kg			

Dimensioning of reinforcement: Tangential

Description: Block Foundation		Concrete grade of foundation: Concrete C25/30
	Volume Per Foundation [m3]	Volume of all Foundations [m3]
Foundation Plate	2.07	2.07

Wiegand

DIN ISO 2768 - m

Masstab 1:40

Material

	Datum	Name
Bearb.	02.11.2022	se/ks
Gepr.		
Norm		

reinforcement foundation
185 x 140 x 80 cm

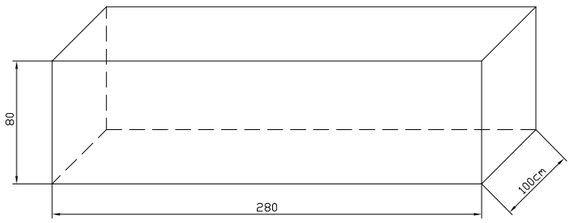
FD-BLK-006_AU

Schrägförderer AlpCo Thredbo Australien

Blatt

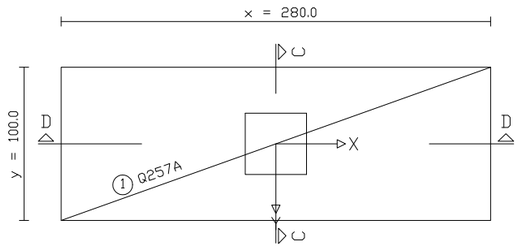
Zust | Änderung | Datum | Name

foundation 280 cm x 100 cm x 80 cm

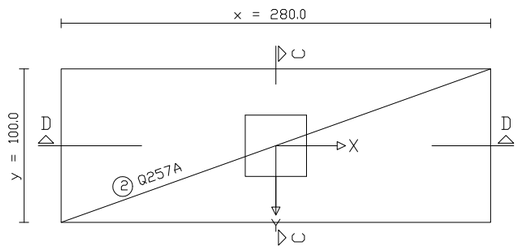


concrete class C25/30.
concrete cover minimum 5cm
material Q257A

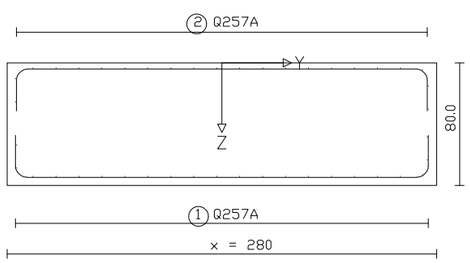
A-A.
Top view of bottom plate reinforcement



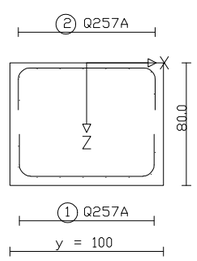
B-B.
Top view of top plate reinforcement



Section D-D



Section C-C



reinforcement FD-BLK-007_AU

Reinforcement constructiv !!

reinforcing steel mats on top and bottom						
positon number	major reinforcement -direction	type of mat	weight [kg/m2]	area without overlapping [m2]	weight per foundation [kg]	total weight [kg]
1	x-direction	Q 257A	4.12	4.32	17.8	17.8
2	y-direction	Q 257A	4.12	4.32	17.8	17.8

mesh support and ring reinforcement for quiver — Reinforcement steel: B 500 S (A)

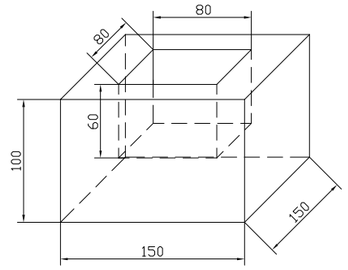
position number	quantity per foundation	total quantity	⌀ [mm]	sectional length [cm]	total length [m] ⌀8	⌀10	⌀12	⌀16
Date:				running m				
				kg/run. m	0.39	0.62	0.89	1.58
				kg				
				total weight	0 + 35.6 (mesh) = 35.6 kg			

Dimensioning of reinforcement: Tangential

Description: Block Foundation	Volume Per Foundation [m3]	Concrete grade of foundation: Concrete C25/30 Volume of all Foundations [m3]
Foundation Plate	2.24	2.24

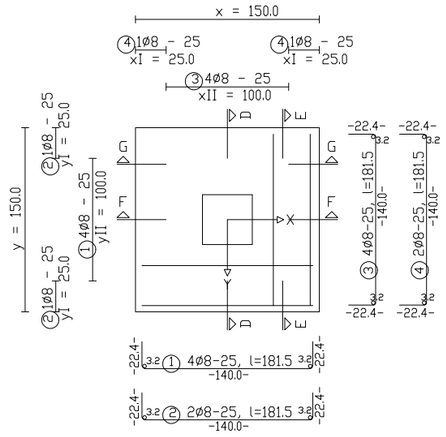
Wiegand				DIN ISO 2768 - m		Masstab 1:40
						Material
					Datum	Name
				Bearb.	02.11.2022	se/ks
				Gepr.		
				Norm		
				FD-BLK-007_AU		reinforcement foundation 280 x 100 x 80 cm
						Schrägförderer AlpCo Thredbo Australien
Zust	Änderung	Datum	Name			Blatt

foundation 150x150x100
quiver 80x80x60

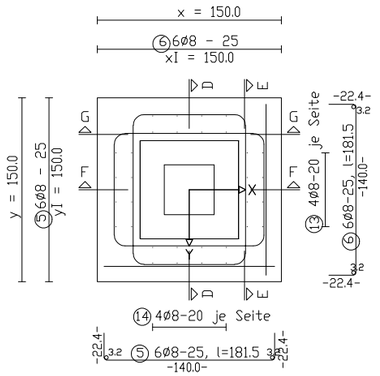


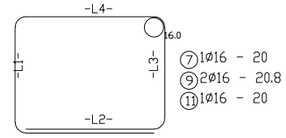
concrete class C25/30.
concrete cover minimum 5cm

A-A. Top view of
bottom plate reinforcement

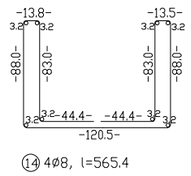


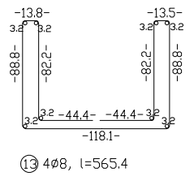
B-B. Top view of
top plate reinforcement

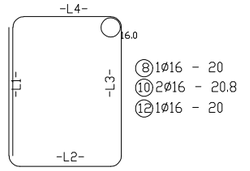




		-L1-	-L2-	-L3-	-L4-	-L-
⑦	1.mesh support	93.2	114.1	93.2	123.7	516.9
⑨	1.mesh support	93.2	114.1	93.2	123.7	516.9
	2.mesh support	93.2	114.1	93.2	123.7	516.9
⑪	1.mesh support	93.2	114.1	93.2	123.7	516.9







		-L1-	-L2-	-L3-	-L4-	-L-
⑧	1.mesh support	114.1	93.2	123.7	93.2	516.9
⑩	1.mesh support	114.1	93.2	123.7	93.2	516.9
	2.mesh support	114.1	93.2	123.7	93.2	516.9
⑫	1.mesh support	114.1	93.2	123.7	93.2	516.9

D-D: Section perpendicular to bucket wall in x-direction

F-F: Section perpendicular to bucket wall in y-direction

E-E: Section parallel to bucket wall in y-direction

G-G: Section parallel to bucket wall in x-direction

Foundation in frost-resistent ground depending on the local conditions and requirements ! Foundation on grown and bearing soil !
Grouting with shrinkage free morter C25/30 !

Thunder protection shall be provide by building contractor depending on local requirements !

Foundation earth electrode (installed as a closed ring) with connecting tags (stainless steel !) shall be provided by building contractor !
The length of connecting tag must be minimum 0,5 meter over foundation. Consultation with Fa. Wiegand is absolutely required prior to execution !.

Reinforcement for foundation FD-MST-WieFu-2

Dimensioning of reinforcement : tangential

mesh on bottom and top — Betonstahl: B 500 S (A)

pos. nr.	main reinforcement -direction	mesh type	weight [kg/m2]	area without splice [m2]	weight per foundation [kg]	total weight [kg]

mesh support and ring reinforcement for quiver

pos. nr.	quantity per foundation	total quantity	ø [mm]	cutting length [cm]	total length [m] ø8	ø10	ø12	ø16
1	4		8	181.5	7.26			
2	2		8	181.5	3.63			
3	4		8	181.5	7.26			
4	2		8	181.5	3.63			
5	6		8	181.5	10.89			
6	6		8	181.5	10.89			
7	1		16	516.9				5.17
8	1		16	516.9				5.17
9	2		16	516.9				10.34
10	2		16	516.9				10.34
11	1		16	516.9				5.17
12	1		16	516.9				5.17
13	4		8	565.4	22.61			
14	4		8	565.4	22.61			
Date:				lfdm	88.79			41.35
				kg/lfdm	0.39	0.62	0.89	1.58
zu Plan Nr.:				kg	35.03			65.27
				total weight				= 100.3 kg

Wiegand

DIN ISO 2768 - m

Masstab 1:50

Material

	Datum	Name
Bearb.	04.11.2022	se/ks
Gepr.		
Norm		

Reinforcement
found. 150x150x100, quiver 80x80x60

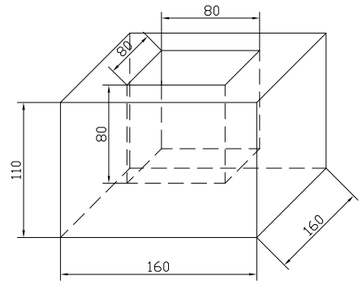
FD-MST-WieFu-2

Monostützen AlpCo Thredbo Australien

Blatt

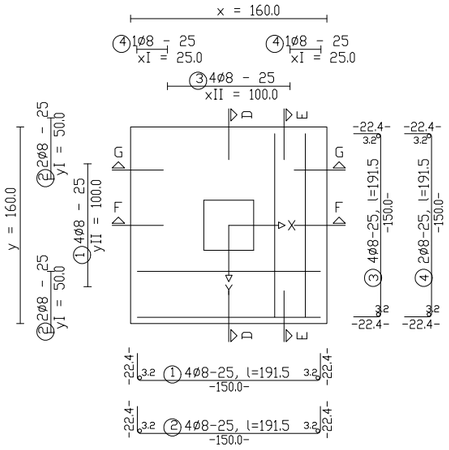
Zust | Änderung | Datum | Name

foundation 160x160x110
quiver 80x80x80

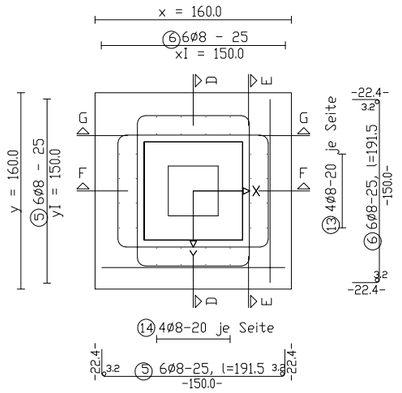


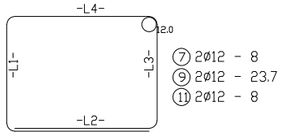
concrete class C25/30.
concrete cover minimum 5cm

A-A. Top view of
bottom plate reinforcement

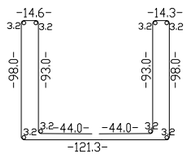


B-B. Top view of
top plate reinforcement

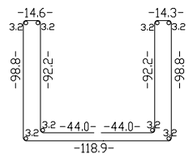




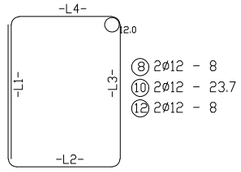
		-L1-	-L2-	-L3-	-L4-	-L-
⑦	1.mesh support	92.4	116.5	92.4	123.7	525.5
	2.mesh support	92.4	116.5	92.4	123.7	525.5
⑨	1.mesh support	92.4	116.5	92.4	123.7	525.5
	2.mesh support	92.4	116.5	92.4	123.7	525.5
⑪	1.mesh support	92.4	116.5	92.4	123.7	525.5
	2.mesh support	92.4	116.5	92.4	123.7	525.5



⑭4ø8, l=607.0

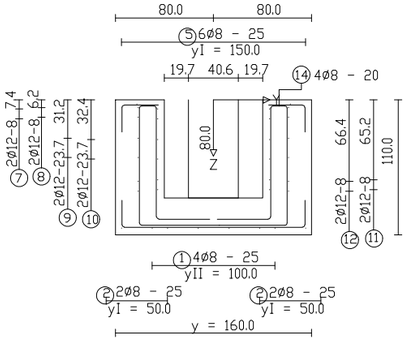


⑬4ø8, l=607.0

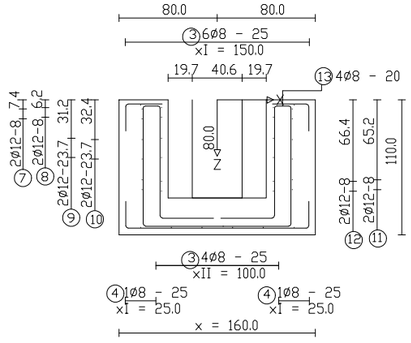


		-L1-	-L2-	-L3-	-L4-	-L-
⑧	1.mesh support	116.5	92.4	123.7	92.4	525.5
	2.mesh support	116.5	92.4	123.7	92.4	525.5
⑩	1.mesh support	116.5	92.4	123.7	92.4	525.5
	2.mesh support	116.5	92.4	123.7	92.4	525.5
⑫	1.mesh support	116.5	92.4	123.7	92.4	525.5
	2.mesh support	116.5	92.4	123.7	92.4	525.5

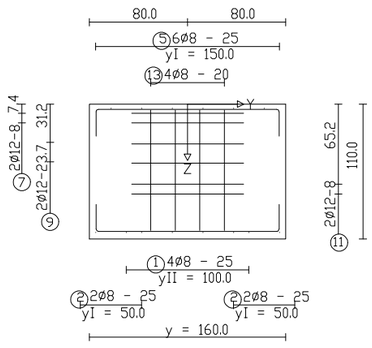
D-D: Section perpendicular to bucket wall in x-direction



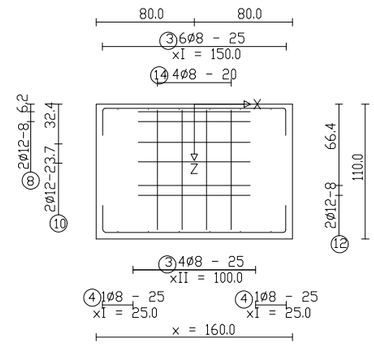
F-F: Section perpendicular to bucket wall in y-direction



E-E: Section parallel to bucket wall in y-direction



G-G: Section parallel to bucket wall in x-direction



Foundation in frost-resistent ground depending on the local conditions and requirements ! Foundation on grown and bearing soil !
Grouting with shrinkage free morter C25/30 !

Thunder protection shall be provide by building contractor depending on local requirements !

Foundation earth electrode (installed as a closed ring) with connecting tags (stainless steel !) shall be provided by building contractor !
The length of connecting tag must be minimum 0,5 meter over foundation. Consultation with Fa. Wiegand is absolutely required prior to execution !.

Reinforcement for foundation FD-MST-WieFu-3

Dimensioning of reinforcement : tangential

mesh on bottom and top — Betonstahl: B 500 S (A)

pos. nr.	main reinforcement -direction	mesh type	weight [kg/m2]	area without splice [m2]	weight per foundation [kg]	total weight [kg]

mesh support and ring reinforcement for quiver

pos. nr.	quantity per foundation	total quantity	ø [mm]	cutting length [cm]	total length [m] ø8	ø10	ø12	ø16
1	4		8	191.5	7.66			
2	4		8	191.5	7.66			
3	4		8	191.5	7.66			
4	2		8	191.5	3.83			
5	6		8	191.5	11.49			
6	6		8	191.5	11.49			
7	2		12	525.5			10.51	
8	2		12	525.5			10.51	
9	2		12	525.5			10.51	
10	2		12	525.5			10.51	
11	2		12	525.5			10.51	
12	2		12	525.5			10.51	
13	4		8	607.0	24.28			
14	4		8	607.0	24.28			
Date:				lfdm	98.34		63.06	
				kg/lfdm	0.39	0.62	0.89	1.58
zu Plan Nr.:				kg	38.8		55.99	
				total weight				= 94.79 kg

Wiegand

DIN ISO 2768 - m

Masstab 1:50

Material

	Datum	Name
Bearb.	04.11.2022	se/ks
Gepr.		
Norm		

Reinforcement
found. 160x160x110, quiver 80x80x80

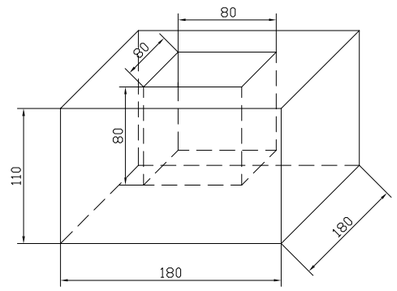
FD-MST-WieFu-3

Monostützen AlpCo Thredbo Australien

Blatt

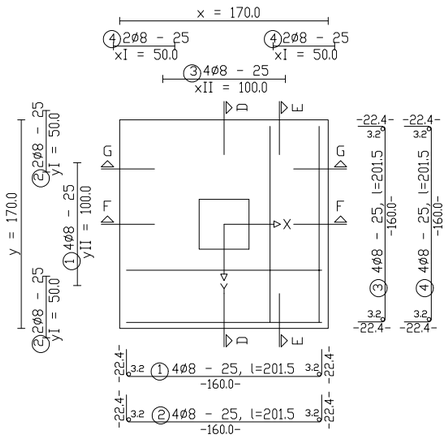
Zust | Änderung | Datum | Name

foundation 170x170x110
quiver 80x80x80

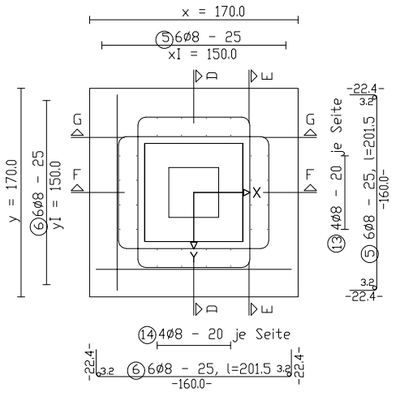


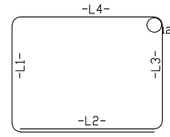
concrete class C25/30.
concrete cover minimum 5cm

A-A. Top view of
bottom plate reinforcement



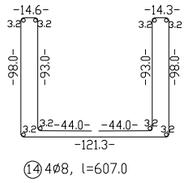
B-B. Top view of
top plate reinforcement



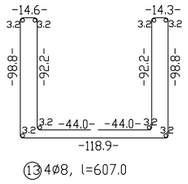


⑦ 2ø12 - 8
⑨ 2ø12 - 23.7
⑪ 2ø12 - 8

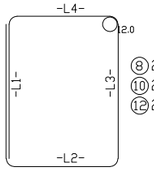
		-L1-	-L2-	-L3-	-L4-	-L-
⑦	1.mesh support	92.4	116.5	92.4	123.7	525.5
	2.mesh support	92.4	116.5	92.4	123.7	525.5
⑨	1.mesh support	92.4	116.5	92.4	123.7	525.5
	2.mesh support	92.4	116.5	92.4	123.7	525.5
⑪	1.mesh support	92.4	116.5	92.4	123.7	525.5
	2.mesh support	92.4	116.5	92.4	123.7	525.5



⑭4ø8, l=607.0



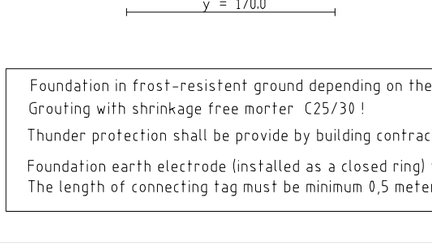
⑬4ø8, l=607.0



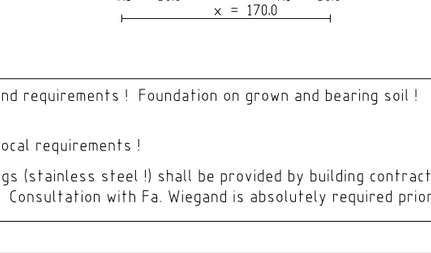
⑧ 2ø12 - 8
⑩ 2ø12 - 23.7
⑫ 2ø12 - 8

		-L1-	-L2-	-L3-	-L4-	-L-
⑧	1.mesh support	116.5	92.4	123.7	92.4	525.5
	2.mesh support	116.5	92.4	123.7	92.4	525.5
⑩	1.mesh support	116.5	92.4	123.7	92.4	525.5
	2.mesh support	116.5	92.4	123.7	92.4	525.5
⑫	1.mesh support	116.5	92.4	123.7	92.4	525.5
	2.mesh support	116.5	92.4	123.7	92.4	525.5

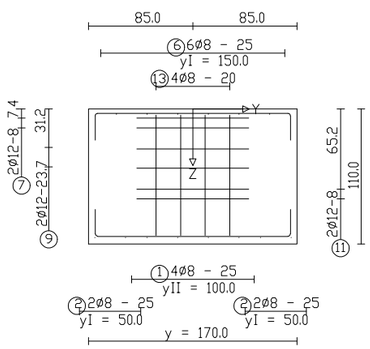
D-D: Section perpendicular to bucket wall in x-direction



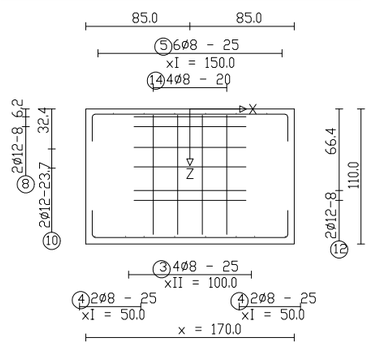
F-F: Section perpendicular to bucket wall in y-direction



E-E: Section parallel to bucket wall in y-direction



G-G: Section parallel to bucket wall in x-direction



Foundation in frost-resistent ground depending on the local conditions and requirements ! Foundation on grown and bearing soil !
Grouting with shrinkage free morter C25/30 !

Thunder protection shall be provide by building contractor depending on local requirements !

Foundation earth electrode (installed as a closed ring) with connecting tags (stainless steel !) shall be provided by building contractor !
The length of connecting tag must be minimum 0,5 meter over foundation. Consultation with Fa. Wiegand is absolutely required prior to execution !.

Reinforcement for foundation FD-MST-WieFu-4

Dimensioning of reinforcement : tangential

mesh on bottom and top — Betonstahl: B 500 S (A)

pos. nr.	main reinforcement -direction	mesh type	weight [kg/m2]	area without splice [m2]	weight per foundation [kg]	total weight [kg]

mesh support and ring reinforcement for quiver

pos. nr.	quantity per foundation	total quantity	ø [mm]	cutting length [cm]	total length [m] ø8	ø10	ø12	ø16
1	4		8	201.5	8.06			
2	4		8	201.5	8.06			
3	4		8	201.5	8.06			
4	4		8	201.5	8.06			
5	6		8	201.5	12.09			
6	6		8	201.5	12.09			
7	2		12	525.5			10.51	
8	2		12	525.5			10.51	
9	2		12	525.5			10.51	
10	2		12	525.5			10.51	
11	2		12	525.5			10.51	
12	2		12	525.5			10.51	
13	4		8	607.0	24.28			
14	4		8	607.0	24.28			
Date:				lfdm	104.97		63.06	
				kg/lfdm	0.39	0.62	0.89	1.58
zu Plan Nr.:				kg	41.42		55.99	
				total weight				= 97.41 kg

Wiegand

DIN ISO 2768 - m

	Datum	Name
Bearb.	07.11.2022	se/ks
Gepr.		
Norm		

Masstab 1:50
Material

Reinforcement
found. 170x170x110, quiver 80x80x80

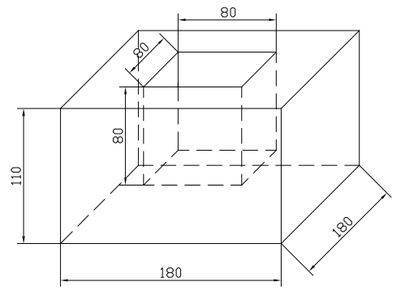
FD-MST-WieFu-4

Monostützen AlpCo Thredbo Australien

Blatt
Bl

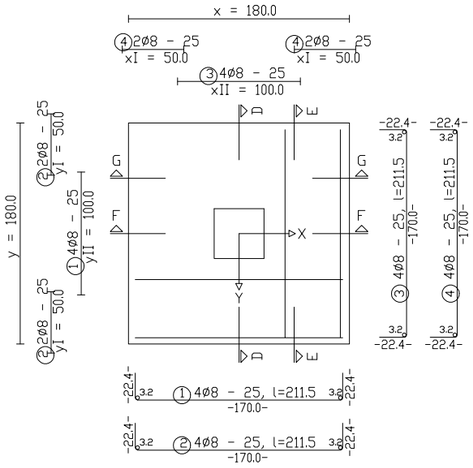
Zust | Änderung | Datum | Name

foundation 180x180x110
quiver 80x80x80

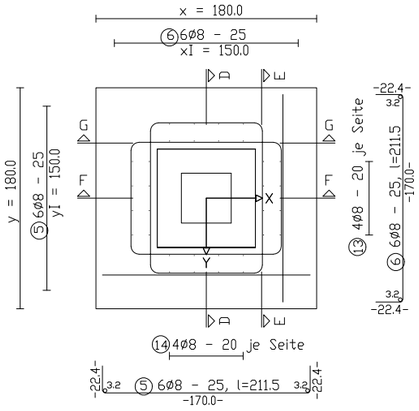


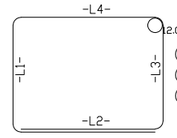
concrete class C25/30.
concrete cover minimum 5cm

A-A. Top view of
bottom plate reinforcement



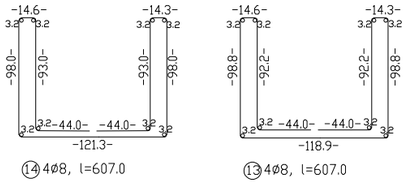
B-B. Top view of
top plate reinforcement

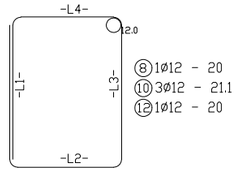




7 1ø12 - 20
9 3ø12 - 21.1
11 1ø12 - 20

		-L1-	-L2-	-L3-	-L4-	-L-
7	1.mesh support	92.4	116.5	92.4	123.7	525.5
9	1.mesh support	92.4	116.5	92.4	123.7	525.5
	2.mesh support	92.4	116.5	92.4	123.7	525.5
	3.mesh support	92.4	116.5	92.4	123.7	525.5
11	1.mesh support	92.4	116.5	92.4	123.7	525.5

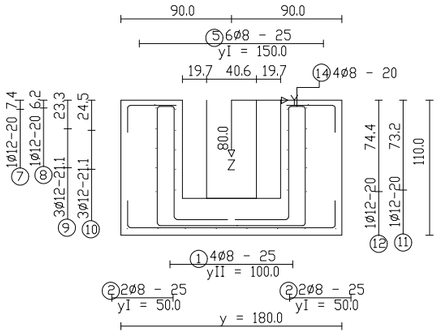




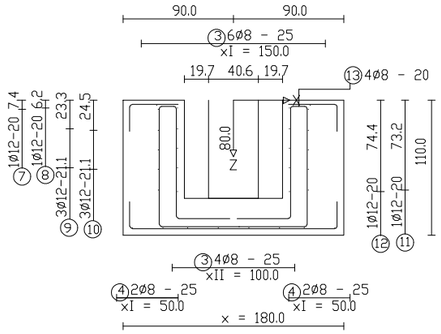
8 1ø12 - 20
10 3ø12 - 21.1
12 1ø12 - 20

		-L1-	-L2-	-L3-	-L4-	-L-
8	1.mesh support	116.5	92.4	123.7	92.4	525.5
10	1.mesh support	116.5	92.4	123.7	92.4	525.5
	2.mesh support	116.5	92.4	123.7	92.4	525.5
	3.mesh support	116.5	92.4	123.7	92.4	525.5
12	1.mesh support	116.5	92.4	123.7	92.4	525.5

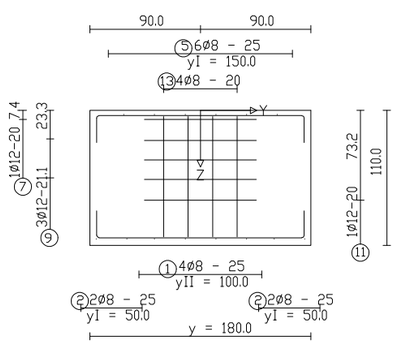
D-D: Section perpendicular to bucket wall in x-direction



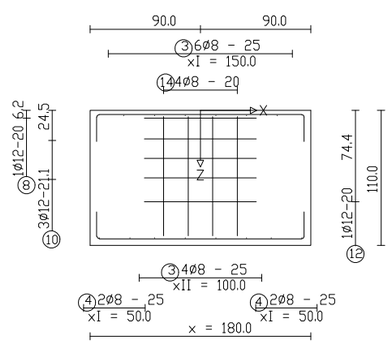
F-F: Section perpendicular to bucket wall in y-direction



E-E: Section parallel to bucket wall in y-direction



G-G: Section parallel to bucket wall in x-direction



Foundation in frost-resistent ground depending on the local conditions and requirements ! Foundation on grown and bearing soil !
Grouting with shrinkage free morter C25/30 !

Thunder protection shall be provide by building contractor depending on local requirements !

Foundation earth electrode (installed as a closed ring) with connecting tags (stainless steel !) shall be provided by building contractor !
The length of connecting tag must be minimum 0,5 meter over foundation. Consultation with Fa. Wiegand is absolutely required prior to execution !.

Reinforcement for foundation FD-MST-WieFu-5

Dimensioning of reinforcement : tangential

mesh on bottom and top — Betonstahl: B 500 S (A)

mesh support and ring reinforcement for quiver

pos. nr.	quantity per foundation	total quantity	ø [mm]	cutting length [cm]	total length [m] ø8	ø10	ø12	ø16
1	4		8	211.5	8.46			
2	4		8	211.5	8.46			
3	4		8	211.5	8.46			
4	4		8	211.5	8.46			
5	6		8	211.5	12.69			
6	6		8	211.5	12.69			
7	1		12	525.5			5.26	
8	1		12	525.5			5.26	
9	3		12	525.5			15.77	
10	3		12	525.5			15.77	
11	1		12	525.5			5.26	
12	1		12	525.5			5.26	
13	4		8	607.0	24.28			
14	4		8	607.0	24.28			
Date:				lfdm	107.77		52.55	
				kg/lfdm	0.39	0.62	0.89	1.58
zu Plan Nr.:				kg	42.53		46.66	
				total weight				= 89.18 kg

Wiegand

DIN ISO 2768 - m

	Datum	Name
Bearb.	04.11.2022	se/ks
Gepr.		
Norm		

Masstab 1:50
Material

Reinforcement
found. 180x180x110, quiver 80x80x80

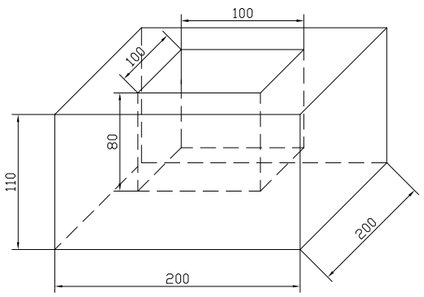
FD-MST-WieFu-5

Monostützen AlpCo Thredbo Australien

Blatt
B

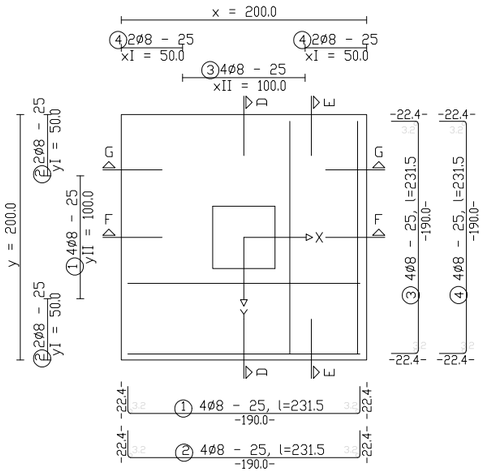
Zust | Änderung | Datum | Name

foundation 200x200x110
quiver 100x100x80

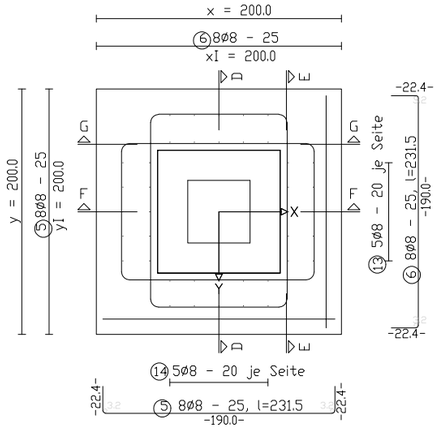


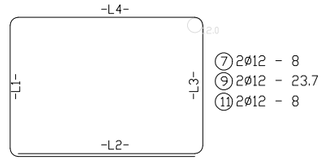
concrete class C25/30.
concrete cover minimum 5cm

A-A. Top view of bottom plate reinforcement

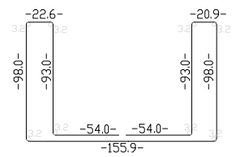


B-B. Top view of top plate reinforcement

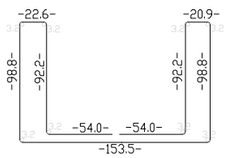




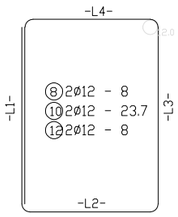
		-L1-	-L2-	-L3-	-L4-	-L-
⑦	1.mesh support	112.4	151.1	112.4	158.3	669.3
	2.mesh support	112.4	151.1	112.4	158.3	669.3
⑨	1.mesh support	112.4	151.1	112.4	158.3	669.3
	2.mesh support	112.4	151.1	112.4	158.3	669.3
⑪	1.mesh support	112.4	151.1	112.4	158.3	669.3
	2.mesh support	112.4	151.1	112.4	158.3	669.3



⑭ 5ø8, l=676.2

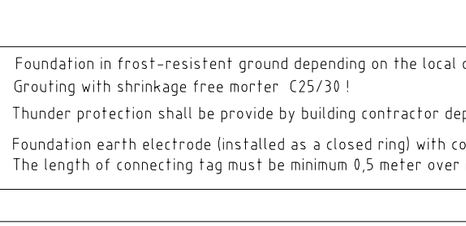


⑬ 5ø8, l=676.2

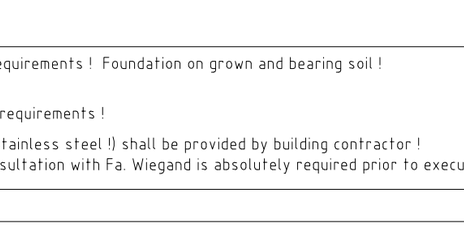


		-L1-	-L2-	-L3-	-L4-	-L-
⑧	1.mesh support	151.1	112.4	158.3	112.4	669.3
	2.mesh support	151.1	112.4	158.3	112.4	669.3
⑩	1.mesh support	151.1	112.4	158.3	112.4	669.3
	2.mesh support	151.1	112.4	158.3	112.4	669.3
⑫	1.mesh support	151.1	112.4	158.3	112.4	669.3
	2.mesh support	151.1	112.4	158.3	112.4	669.3

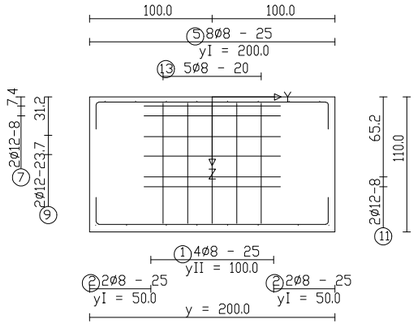
D-D: Section perpendicular to bucket wall in x-direction



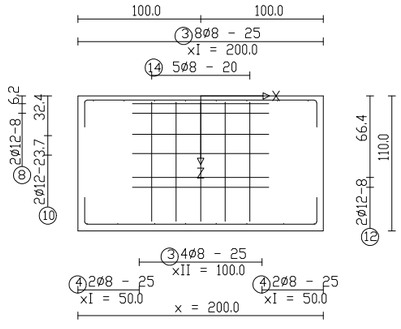
F-F: Section perpendicular to bucket wall in y-direction



E-E: Section parallel to bucket wall in y-direction



G-G: Section parallel to bucket wall in x-direction



Reinforcement for foundation FD-MST-WieFu-7

Dimensioning of reinforcement : tangential

mesh on bottom and top — Betonstahl: B 500 S (A)

pos. nr.	main reinforcement -direction	mesh type	weight [kg/m2]	area without splice [m2]	weight per foundation [kg]	total weight [kg]

mesh support and ring reinforcement for quiver

pos. nr.	quantity per foundation	total quantity	ø [mm]	cutting length [cm]	total length [m] ø8	ø10	ø12	ø16
1	4		8	231.5	9.26			
2	4		8	231.5	9.26			
3	4		8	231.5	9.26			
4	4		8	231.5	9.26			
5	8		8	231.5	18.52			
6	8		8	231.5	18.52			
7	2		12	669.3			13.39	
8	2		12	669.3			13.39	
9	2		12	669.3			13.39	
10	2		12	669.3			13.39	
11	2		12	669.3			13.39	
12	2		12	669.3			13.39	
13	5		8	676.2	33.81			
14	5		8	676.2	33.81			
Date:				lfdm	141.69		80.31	
				kg/lfdm	0.39	0.62	0.89	1.58
zu Plan Nr.:				kg	55.91		71.3	
				total weight				= 127.21 kg

Foundation in frost-resistent ground depending on the local conditions and requirements ! Foundation on grown and bearing soil !
Grouting with shrinkage free morter C25/30 !

Thunder protection shall be provide by building contractor depending on local requirements !

Foundation earth electrode (installed as a closed ring) with connecting tags (stainless steel !) shall be provided by building contractor !
The length of connecting tag must be minimum 0,5 meter over foundation. Consultation with Fa. Wiegand is absolutely required prior to execution !.

Wiegand

DIN ISO 2768 - m

	Datum	Name
Bearb.	04.11.2022	se/ks
Gepr.		
Norm		

Masstab 1:50

Material

Reinforcement found. 200x200x110, quiver 100x100x80

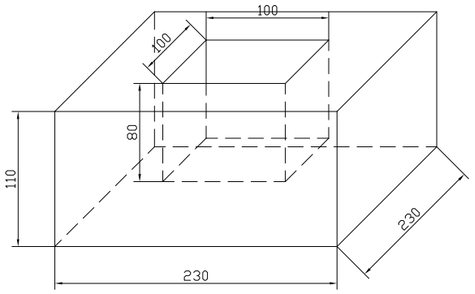
FD-MST-WieFu-7

Monostützen AlpCo Thredbo Australien

Blatt

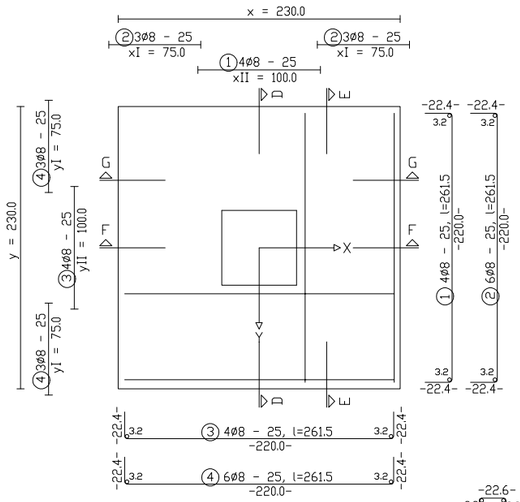
Zust | Änderung | Datum | Name

foundation 230x230x110
quiver 100x100x80

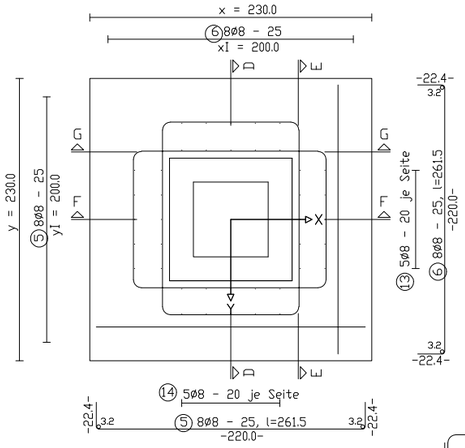


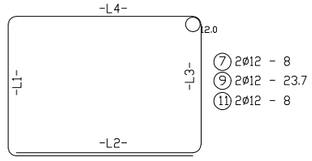
concrete class C25/30.
concrete cover minimum 5cm

A-A. Top view of bottom plate reinforcement

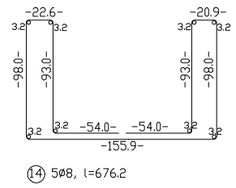


B-B. Top view of top plate reinforcement

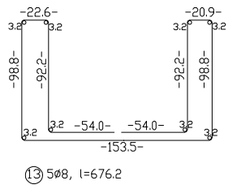




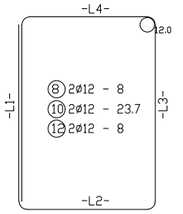
		-L1-	-L2-	-L3-	-L4-	-L-
⑦	1.mesh support	112.4	151.1	112.4	158.3	669.3
	2.mesh support	112.4	151.1	112.4	158.3	669.3
⑨	1.mesh support	112.4	151.1	112.4	158.3	669.3
	2.mesh support	112.4	151.1	112.4	158.3	669.3
⑪	1.mesh support	112.4	151.1	112.4	158.3	669.3
	2.mesh support	112.4	151.1	112.4	158.3	669.3



⑭ 5ø8, l=676.2



⑬ 5ø8, l=676.2



		-L1-	-L2-	-L3-	-L4-	-L-
⑧	1.mesh support	151.1	112.4	158.3	112.4	669.3
	2.mesh support	151.1	112.4	158.3	112.4	669.3
⑩	1.mesh support	151.1	112.4	158.3	112.4	669.3
	2.mesh support	151.1	112.4	158.3	112.4	669.3
⑫	1.mesh support	151.1	112.4	158.3	112.4	669.3
	2.mesh support	151.1	112.4	158.3	112.4	669.3

D-D: Section perpendicular to bucket wall in x-direction

F-F: Section perpendicular to bucket wall in y-direction

E-E: Section parallel to bucket wall in y-direction

G-G: Section parallel to bucket wall in x-direction

Foundation in frost-resistent ground depending on the local conditions and requirements ! Foundation on grown and bearing soil !
Grouting with shrinkage free morter C25/30 !

Thunder protection shall be provide by building contractor depending on local requirements !

Foundation earth electrode (installed as a closed ring) with connecting tags (stainless steel !) shall be provided by building contractor !
The length of connecting tag must be minimum 0,5 meter over foundation. Consultation with Fa. Wiegand is absolutely required prior to execution !.

Reinforcement for foundation FD-MST-WieFu-10

Dimensioning of reinforcement : tangential

mesh on bottom and top — Betonstahl: B 500 S (A)

pos. nr.	main reinforcement -direction	mesh type	weight [kg/m2]	area without splice [m2]	weight per foundation [kg]	total weight [kg]

mesh support and ring reinforcement for quiver

pos. nr.	quantity per foundation	total quantity	ø [mm]	cutting length [cm]	total length [m] ø8	ø10	ø12	ø16
1	4		8	261.5	10.46			
2	6		8	261.5	15.69			
3	4		8	261.5	10.46			
4	6		8	261.5	15.69			
5	8		8	261.5	20.92			
6	8		8	261.5	20.92			
7	2		12	669.3			13.39	
8	2		12	669.3			13.39	
9	2		12	669.3			13.39	
10	2		12	669.3			13.39	
11	2		12	669.3			13.39	
12	2		12	669.3			13.39	
13	5		8	676.2	33.81			
14	5		8	676.2	33.81			
Date:				lfdm	161.75		80.31	
				kg/lfdm	0.39	0.62	0.89	1.58
zu Plan Nr.:				kg	63.83		71.3	
				total weight				= 135.13 kg

Wiegand

DIN ISO 2768 - m

	Datum	Name
Bearb.	09.11.2022	se/ks
Gepr.		
Norm		

Masstab 1:50
Material

Reinforcement
found. 230x230x110, quiver 100x100x80

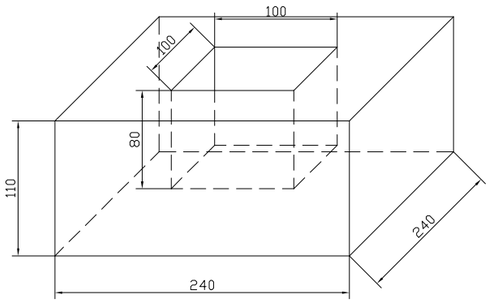
FD-MST-WieFu-10

Monostützen AlpCo Thredbo Australien

Blatt

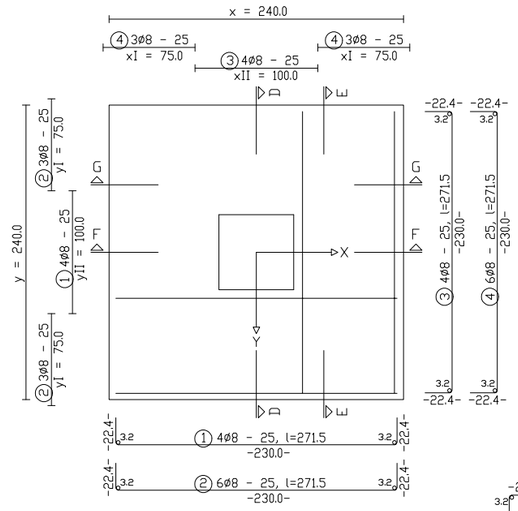
Zust	Änderung	Datum	Name

foundation 240x240x110
quiver 100x100x80

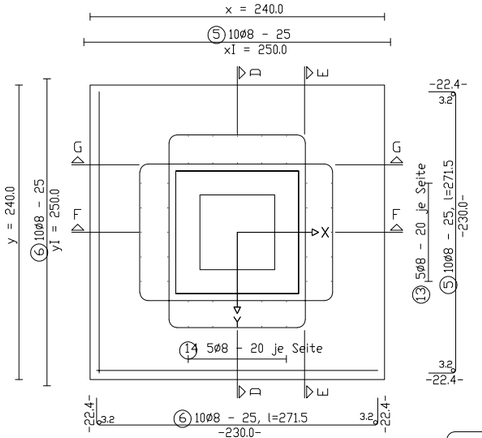


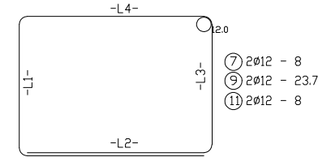
concrete class C25/30.
concrete cover minimum 5cm

A-A. Top view of bottom plate reinforcement

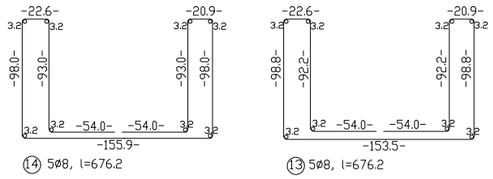


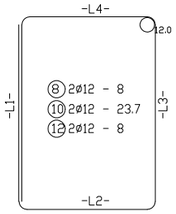
B-B. Top view of top plate reinforcement





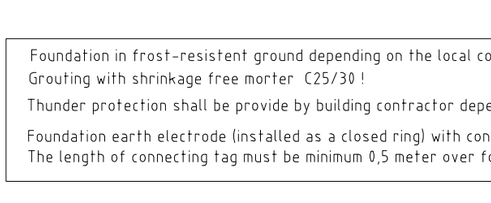
		-L1-	-L2-	-L3-	-L4-	-L-
⑦	1.mesh support	112.4	151.1	112.4	158.3	669.3
	2.mesh support	112.4	151.1	112.4	158.3	669.3
⑨	1.mesh support	112.4	151.1	112.4	158.3	669.3
	2.mesh support	112.4	151.1	112.4	158.3	669.3
⑪	1.mesh support	112.4	151.1	112.4	158.3	669.3
	2.mesh support	112.4	151.1	112.4	158.3	669.3



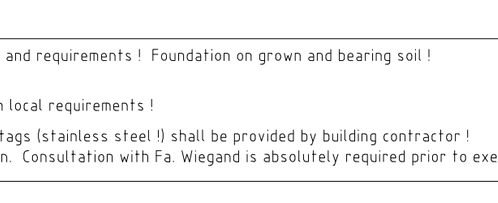


		-L1-	-L2-	-L3-	-L4-	-L-
⑧	1.mesh support	151.1	112.4	158.3	112.4	669.3
	2.mesh support	151.1	112.4	158.3	112.4	669.3
⑩	1.mesh support	151.1	112.4	158.3	112.4	669.3
	2.mesh support	151.1	112.4	158.3	112.4	669.3
⑫	1.mesh support	151.1	112.4	158.3	112.4	669.3
	2.mesh support	151.1	112.4	158.3	112.4	669.3

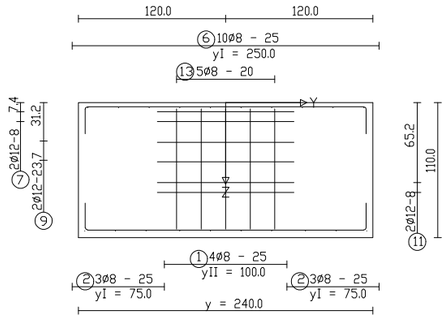
D-D: Section perpendicular to bucket wall in x-direction



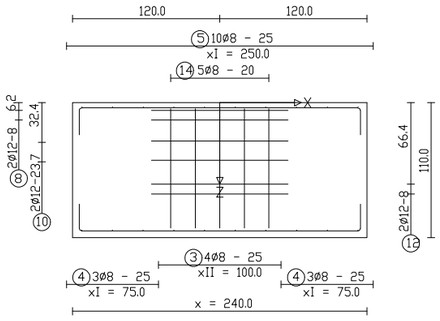
F-F: Section perpendicular to bucket wall in y-direction



E-E: Section parallel to bucket wall in y-direction



G-G: Section parallel to bucket wall in x-direction



Foundation in frost-resistent ground depending on the local conditions and requirements ! Foundation on grown and bearing soil !
Grouting with shrinkage free morter C25/30 !

Thunder protection shall be provide by building contractor depending on local requirements !

Foundation earth electrode (installed as a closed ring) with connecting tags (stainless steel !) shall be provided by building contractor !
The length of connecting tag must be minimum 0,5 meter over foundation. Consultation with Fa. Wiegand is absolutely required prior to execution !.

Reinforcement for foundation FD-MST-WieFu-11

Dimensioning of reinforcement : tangential

mesh on bottom and top — Betonstahl: B 500 S (A)

pos. nr.	main reinforcement -direction	mesh type	weight [kg/m2]	area without splice [m2]	weight per foundation [kg]	total weight [kg]

mesh support and ring reinforcement for quiver

pos. nr.	quantity per foundation	total quantity	ø [mm]	cutting length [cm]	total length [m] ø8	ø10	ø12	ø16
1	4		8	271.5	10.86			
2	6		8	271.5	16.29			
3	4		8	271.5	10.86			
4	6		8	271.5	16.29			
5	10		8	271.5	27.15			
6	10		8	271.5	27.15			
7	2		12	669.3			13.39	
8	2		12	669.3			13.39	
9	2		12	669.3			13.39	
10	2		12	669.3			13.39	
11	2		12	669.3			13.39	
12	2		12	669.3			13.39	
13	5		8	676.2	33.81			
14	5		8	676.2	33.81			
Date:				lfdm	176.21		80.31	
				kg/lfdm	0.39	0.62	0.89	1.58
zu Plan Nr.:				kg	69.53		71.3	
				total weight				= 140.83 kg

Wiegand

DIN ISO 2768 - m

Masstab 1:50

Material

	Datum	Name
Bearb.	09.11.2022	se/ks
Gepr.		
Norm		

Reinforcement found. 240x240x110, quiver 100x100x80

FD-MST-WieFu-11

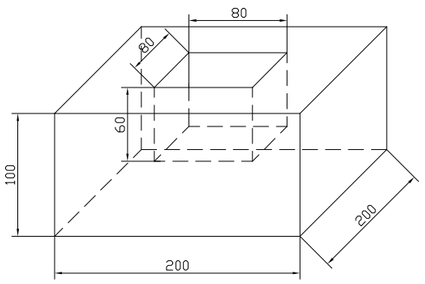
Monostützen AlpCo Thredbo Australien

Blatt

Bl

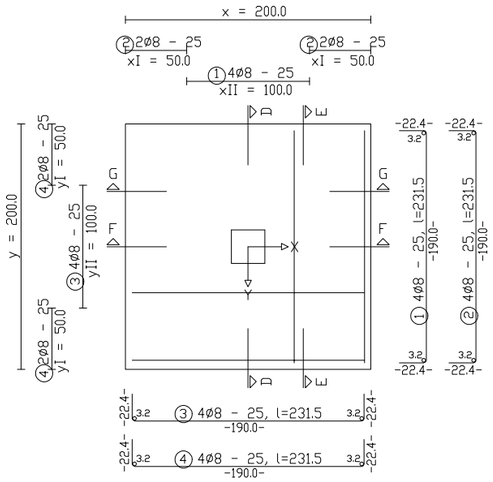
Zust	Änderung	Datum	Name

foundation 200x200x100
quiver 80x80x60

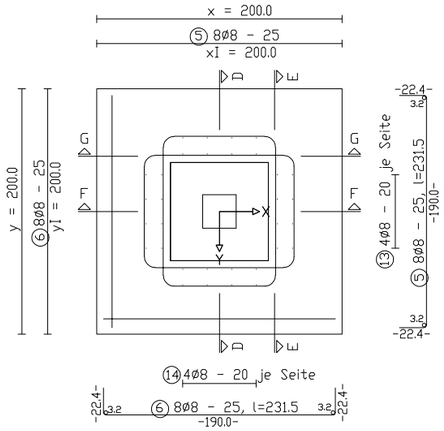


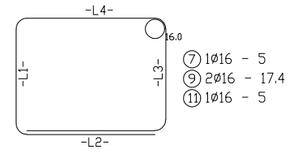
concrete class C25/30.
concrete cover minimum 5cm

A-A. Top view of
bottom plate reinforcement

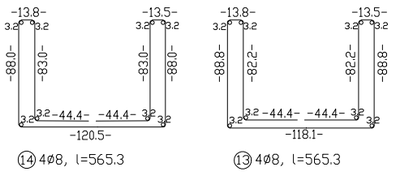


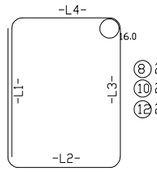
B-B. Top view of
top plate reinforcement





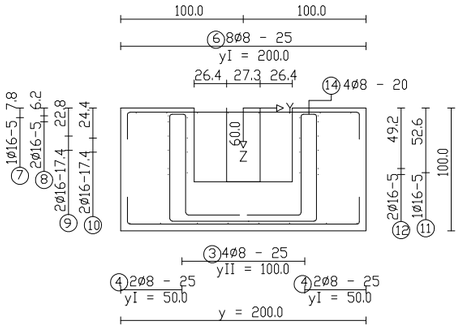
		-L1-	-L2-	-L3-	-L4-	-L-
7	1.mesh support	93.2	114.1	93.2	123.7	516.7
9	1.mesh support	93.2	114.1	93.2	123.7	516.7
	2.mesh support	93.2	114.1	93.2	123.7	516.7
11	1.mesh support	93.2	114.1	93.2	123.7	516.7



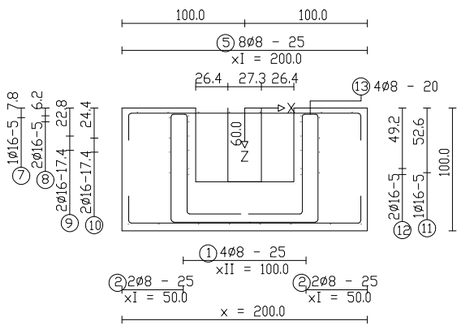


		-L1-	-L2-	-L3-	-L4-	-L-
8	1.mesh support	114.1	93.2	123.7	93.2	516.7
	2.mesh support	114.1	93.2	123.7	93.2	516.7
10	1.mesh support	114.1	93.2	123.7	93.2	516.7
	2.mesh support	114.1	93.2	123.7	93.2	516.7
12	1.mesh support	114.1	93.2	123.7	93.2	516.7
	2.mesh support	114.1	93.2	123.7	93.2	516.7

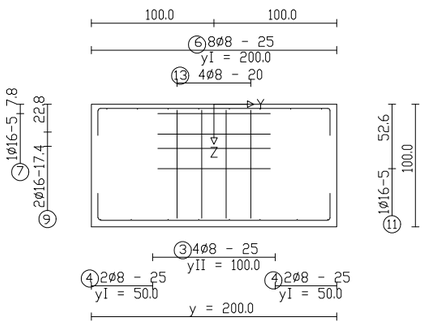
D-D: Section perpendicular to bucket wall in x-direction



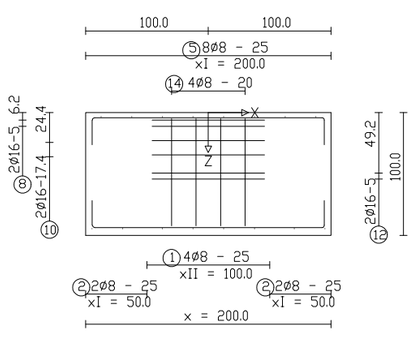
F-F: Section perpendicular to bucket wall in y-direction



E-E: Section parallel to bucket wall in y-direction



G-G: Section parallel to bucket wall in x-direction



Foundation in frost-resistent ground depending on the local conditions and requirements ! Foundation on grown and bearing soil !
Grouting with shrinkage free morter C25/30 !

Thunder protection shall be provide by building contractor depending on local requirements !

Foundation earth electrode (installed as a closed ring) with connecting tags (stainless steel !) shall be provided by building contractor !
The length of connecting tag must be minimum 0,5 meter over foundation. Consultation with Fa. Wiegand is absolutely required prior to execution !.

Reinforcement for foundation FD-MST-WieFu-16

Dimensioning of reinforcement : tangential

mesh on bottom and top — Betonstahl: B 500 S (A)

pos. nr.	main reinforcement -direction	mesh type	weight [kg/m2]	area without splice [m2]	weight per foundation [kg]	total weight [kg]
mesh support and ring reinforcement for quiver						

pos. nr.	quantity per foundation	total quantity	ϕ [mm]	cutting length [cm]	total length [m] ø8	ø10	ø12	ø16
1	4		8	231.5	9.26			
2	4		8	231.5	9.26			
3	4		8	231.5	9.26			
4	4		8	231.5	9.26			
5	8		8	231.5	18.52			
6	8		8	231.5	18.52			
7	1		16	516.7				5.17
8	2		16	516.7				10.335
9	2		16	516.7				10.335
10	2		16	516.7				10.335
11	1		16	516.7				5.17
12	2		16	516.7				10.335
13	4		8	565.3	22.61			
14	4		8	565.3	22.61			
Date:				lfdm	119.3			51.67
				kg/lfdm	0.39	0.62	0.89	1.58
zu Plan Nr.:				kg	47.07			81.55
				total weight				= 128.62 kg

Wiegand

DIN ISO 2768 - m

	Datum	Name
Bearb.	07.11.2022	se/ks
Gepr.		
Norm		

Masstab 1:50

Material

Reinforcement
found. 200x200x100, quiver 80x80x60

FD-MST-WieFu-16

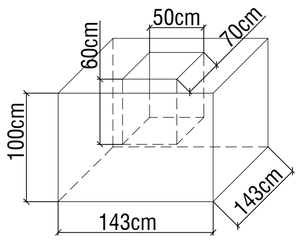
Monostützen AlpCo Thredbo Australien

Blatt

Bl

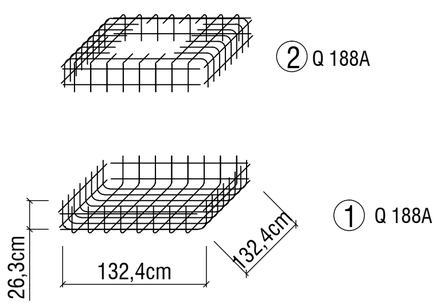
Zust | Änderung | Datum | Name

foundation 143x143x100
quiver 70x50x60



concrete class C25/30.
concrete cover minimum 5cm

position 1 and 2 :
mesh Q188 A
material BSt 500 M (A)

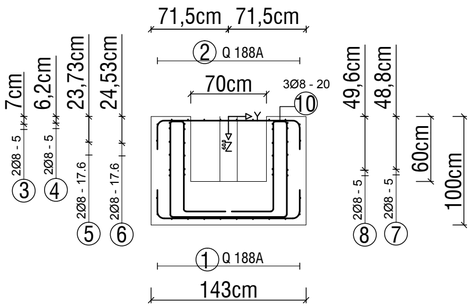


mesh on top and bottom							
Pos Nr.	main reinforcement -direction	mesh type	weight [kg/m2]	area without splice [m2]		weight per foundation netto [kg]	total weight netto [kg]
1	y-direction	Q 188A	3.02	3.42		10.33	10.33
2	y-direction	Q 188A	3.02	3.42		10.33	10.33

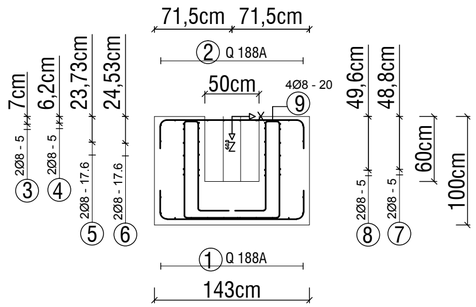
mesh support and ring reinforcement for quiver								
Pos Nr.	quantity per foundation	total quantity	Ø mm	cutting length [cm]	total length[m]			
					Ø8	Ø10	Ø12	Ø16
3	2		8	422.8	8.45			
4	2		8	442.8	8.86			
5	2		8	422.8	8.45			
6	2		8	442.8	8.86			
7	2		8	422.8	8.45			
8	2		8	442.8	8.86			
9	4		8	515.2	20.61			
10	3		8	557.6	16.73			
Date:				lfdm	89.27			
				kg/lfdm	0.39	0.62	0.89	1.58
				kg	34.82			
				total weight :	32.37+16.34 (Lagermatten) = 48.71 kg			

Dimensioning of reinforcement : relative to the center of the mandrel

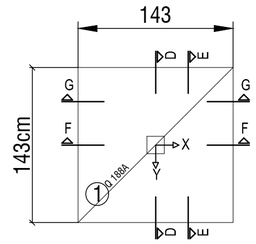
D-D: Section perpendicular to bucket wall in x-direction



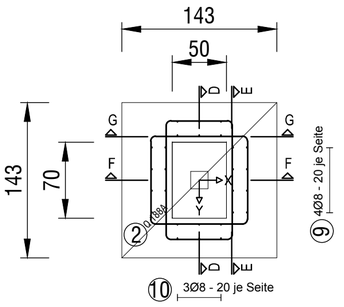
F-F: Section perpendicular to bucket wall in y-direction



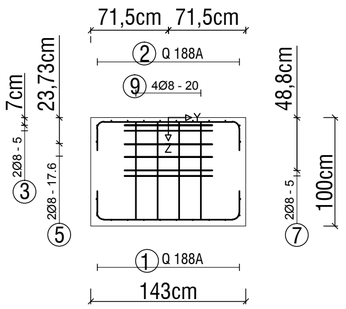
A-A. Top view of bottom plate reinforcement



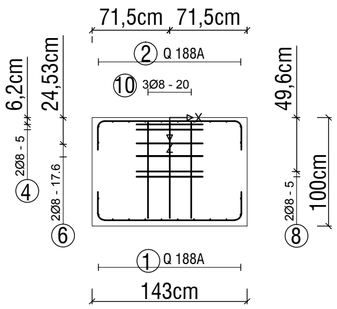
B-B. Top view of top plate reinforcement



E-E: Section parallel to bucket wall in y-direction

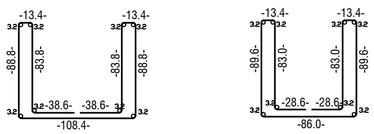


G-G: Section parallel to bucket wall in x-direction



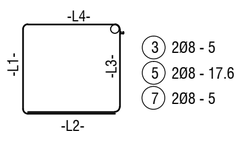
	-L1-	-L2-	-L3-	-L4-	-L-
③ 1.mesh-support	81.6	85.2	81.6	90.0	422.8
2.mesh-support	81.6	85.2	81.6	90.0	422.8
⑤ 1.mesh-support	81.6	85.2	81.6	90.0	422.8
2.mesh-support	81.6	85.2	81.6	90.0	422.8
⑦ 1.mesh-support	81.6	85.2	81.6	90.0	422.8
2.mesh-support	81.6	85.2	81.6	90.0	422.8

	-L1-	-L2-	-L3-	-L4-	-L-
④ 1.mesh-support	105.2	61.6	110.0	61.6	442.8
2.mesh-support	105.2	61.6	110.0	61.6	442.8
⑥ 1.mesh-support	105.2	61.6	110.0	61.6	442.8
2.mesh-support	105.2	61.6	110.0	61.6	442.8
⑧ 1.mesh-support	105.2	61.6	110.0	61.6	442.8
2.Bügel	105.2	61.6	110.0	61.6	442.8

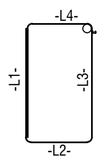


⑩ 3x Ø8, l=464.3

⑨ 4x Ø8, l=424.3



③ 2Ø8 - 5
⑤ 2Ø8 - 17.6
⑦ 2Ø8 - 5



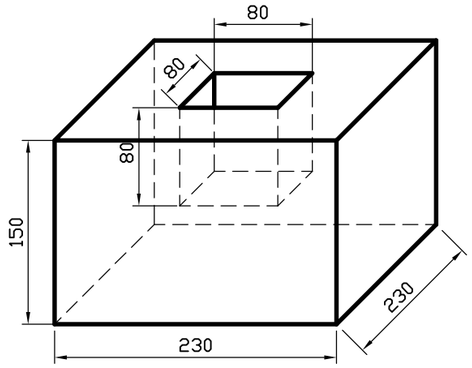
④ 2Ø8 - 5
⑥ 2Ø8 - 17.6
⑧ 2Ø8 - 5

Foundation in frost-resistent ground depending on the local conditions and requirements !
Foundation on grown and viable soil !

geändert: Höhe Fundament von 0,80m auf 1,00m 14.10.2015 ks

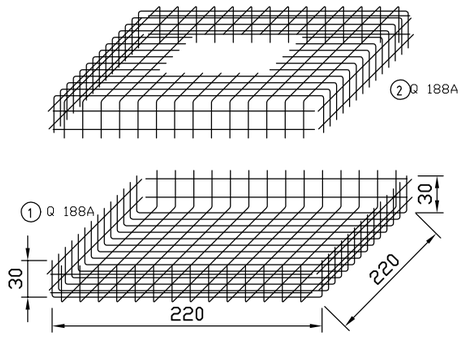
Wiegand	DIN ISO 2768 - m		Masstab 1:40
			Material Material
Höhenunterschied: diff. in altitude: 00 m		Datum	Name
	Bearb.	01.07.2015	S.E /ks
Länge Bahn: length slide: 00 m	Gepr.		
	Norm		
Neigung: inclination: Ø 00 % max. 00 %			reinforcement foundation143x143x100- K50x70x60
Länge/Neigung Lifter: length/inclination lifter: 00 m / 00 %	FD-KR0-008_EU		Blatt -

foundation 230x230x150
quiver 80x80x80



concrete class C25/30.
concrete cover minimum 5cm

position 1+2: mesh Q188 A
material BSt 500 M (A)
bar spacing : 150 mm
bar diameter : d=6 mm



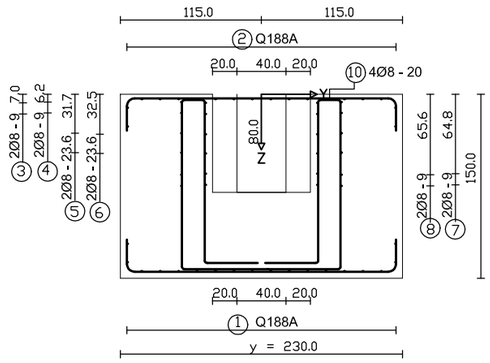
Reinforcement for foundation FD-KR0-012_EU

mesh on bottom and top						
pos. nr.	main reinforcement -direction	mesh type	weight	area without splice [m2]	weight per foundation [kg]	total weight [kg]
1		Q 188A	3.02	6.63	20.03	20.03
2		Q 188A	3.02	6.63	20.03	20.03

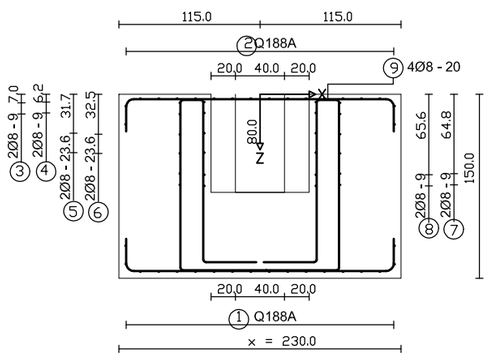
mesh support and ring reinforcement for quiver									
pos. nr.	quantity per foundation	total quantity	ϕ [mm]	cutting length [cm]	total length [m]				
					ϕ8	ϕ10	ϕ12	ϕ16	
3	2		8	557.8	11.16				
4	2		8	557.8	11.16				
5	2		8	557.8	11.16				
6	2		8	557.8	11.16				
7	2		8	557.8	11.16				
8	2		8	557.8	11.16				
9	4		8	787.7	31.51				
10	4		8	787.7	31.51				
Date:				lfdm	129.95				
				kg/lfdm	0.39	0.62	0.89	1.58	
				kg	51.28				
				total weight	51.28 +40.06 (mesh) = 91.24 kg				

Dimensioning of reinforcement : tangential

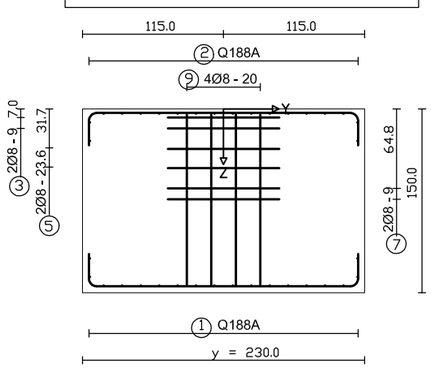
D-D: Section perpendicular to bucket wall in x-direction



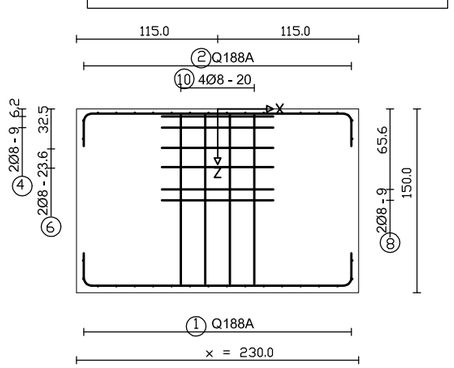
F-F: Section perpendicular to bucket wall in y-direction



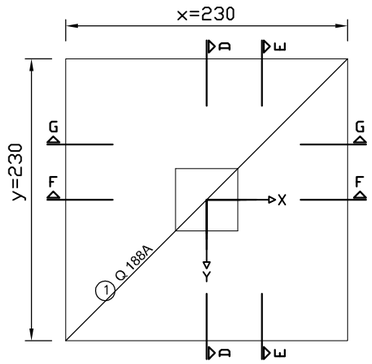
E-E: Section parallel to bucket wall in y-direction



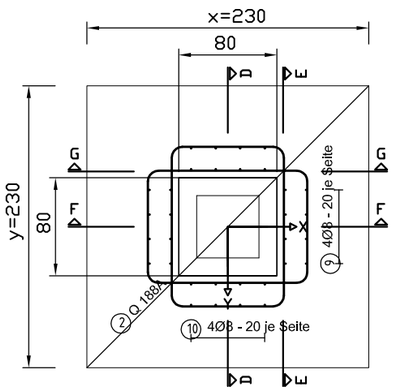
G-G: Section parallel to bucket wall in x-direction



A-A. Top view of bottom plate reinforcement

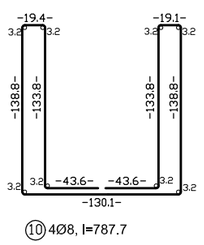


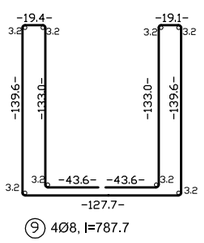
B-B. Top view of top plate reinforcement

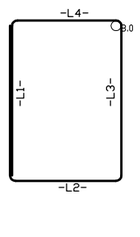


3 2Ø8 - 9
5 2Ø8 - 23.6
7 2Ø8 - 9

		-L1-	-L2-	-L3-	-L4-	-L-
3	1.mesh support	91.6	126.9	91.6	131.7	557.8
	2.mesh support	91.6	126.9	91.6	131.7	557.8
5	1.mesh support	91.6	126.9	91.6	131.7	557.8
	2.mesh support	91.6	126.9	91.6	131.7	557.8
7	1.mesh support	91.6	126.9	91.6	131.7	557.8
	2.mesh support	91.6	126.9	91.6	131.7	557.8







4 2Ø8 - 9
6 2Ø8 - 23.6
8 2Ø8 - 9

		-L1-	-L2-	-L3-	-L4-	-L-
4	1.mesh support	126.9	91.6	131.7	91.6	557.8
	2.mesh support	126.9	91.6	131.7	91.6	557.8
6	1.mesh support	126.9	91.6	131.7	91.6	557.8
	2.mesh support	126.9	91.6	131.7	91.6	557.8
8	1.mesh support	126.9	91.6	131.7	91.6	557.8
	2.mesh support	126.9	91.6	131.7	91.6	557.8

Foundation in frost-resistent ground depending on the local conditions and requirements !
Foundation on grown and viable soil !

Wiegand

DIN ISO 2768 - m

	Datum	Name
Bearb.	03.03.2022	se/ks
Gepr.		
Norm		

Zust | Änderung | Datum | Name

Masstab 1:50
Material

reinforcement centre-foundation of circle 230x230x150, quiver 80x80x80

FD-KR0-012_EU

FD-MST 230x230x150 K 80x80x80

Blatt
Bl