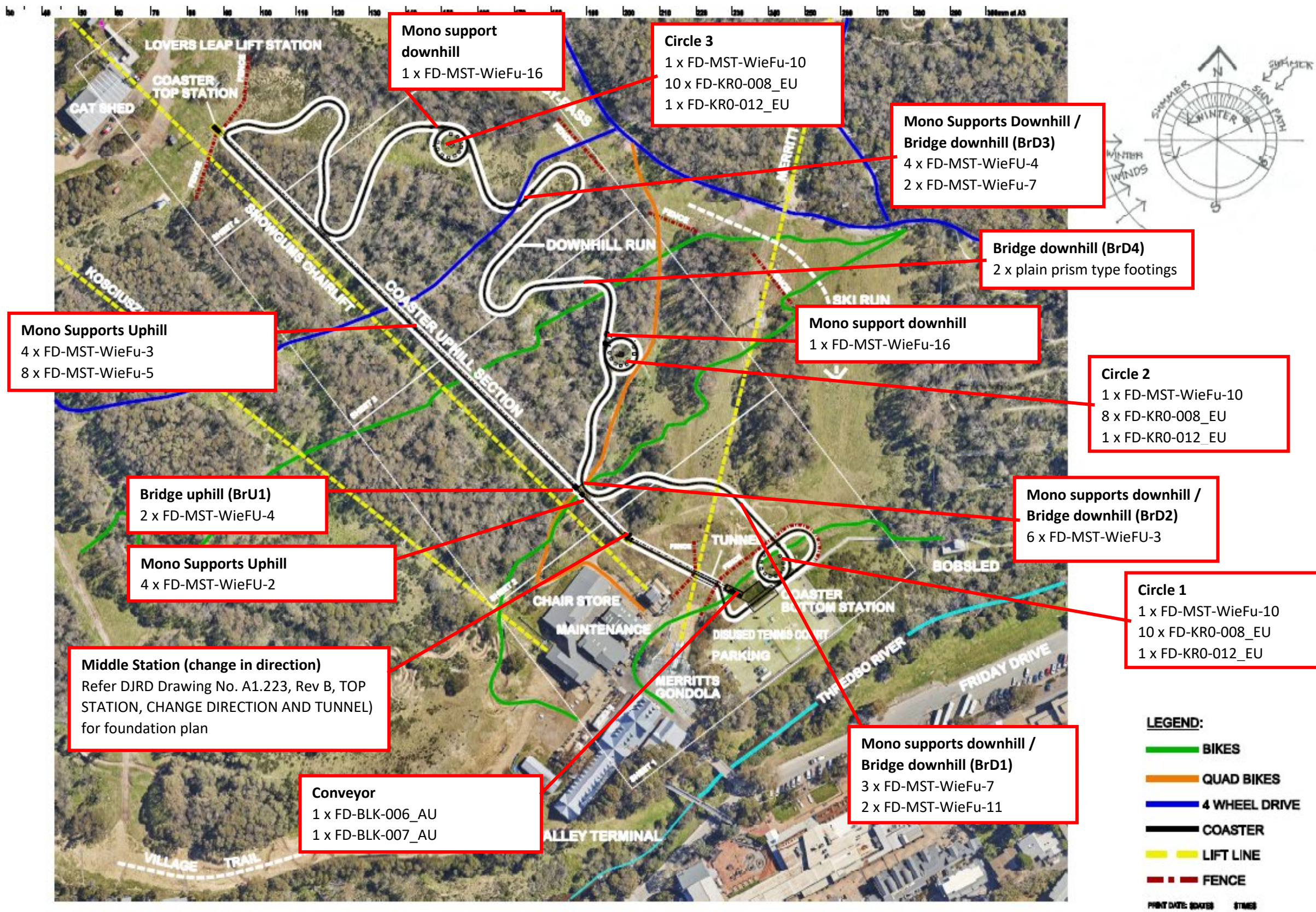
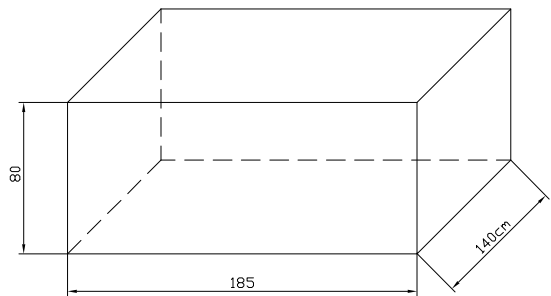


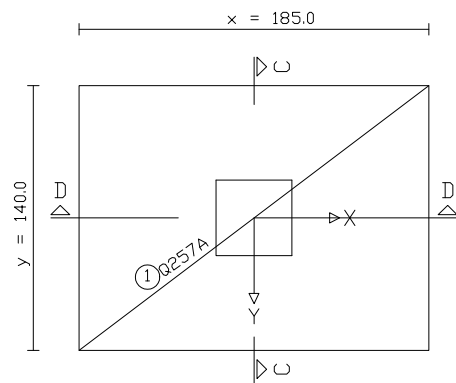


foundation 185 cm x 140 cm x 80 cm

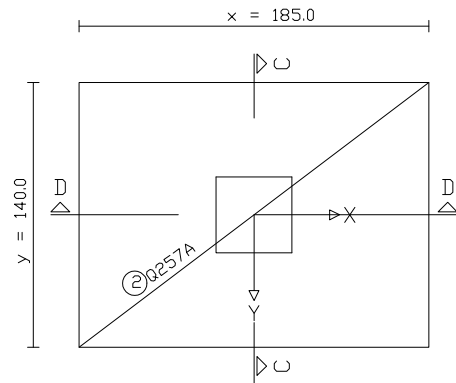


concrete class C25/30.
concrete cover minimum 5cm
material Q257A

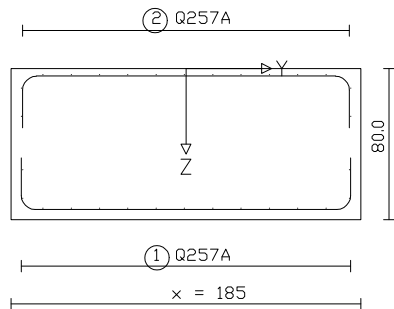
A-A.
Top view of bottom plate reinforcement



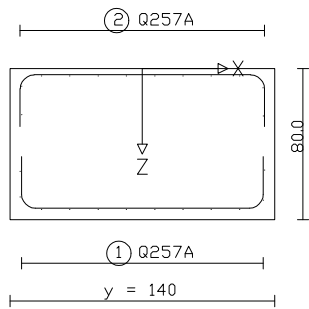
B-B.
Top view of top plate reinforcement



Section D-D



Section C-C



reinforcement FD-BLK-006_AU

Reinforcement constructiv !!

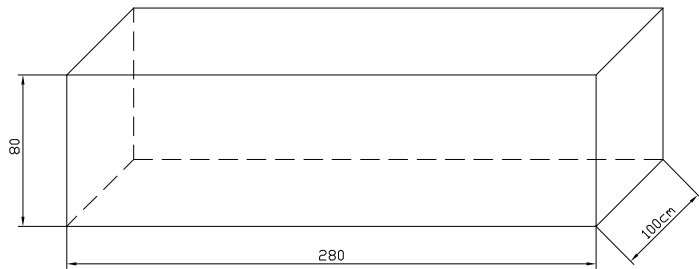
reinforcing steel mats on top and bottom						
positon number	major reinforcement -direction	type of mat	weight [kg/m2]	area without overlapping [m2]	weight per foundation [kg]	total weight [kg]
1	x-direction	Q 257A	4.12	3.91	16.11	16.11
2	y-direction	Q 257A	4.12	3.91	16.11	16.11
mesh support and ring reinforcement for quiver						
Reinforcement steel: B 500 S (A)						
position number	quantity per foundation	total quantity	ϕ [mm]	sectional length [cm]	total length [m]	
					ϕ8	ϕ10
					ϕ12	ϕ16
Date:				running m		
				kg/run. m	0.39	0.62
				kg	0.89	1.58
				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

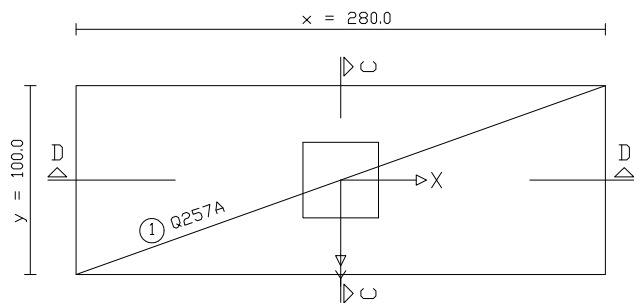
				 DIN ISO 2768 - m		Masstab 1:40		
						Material		
					Datum	Name	reinforcement foundation 185 x 140 x 80 cm	
				Bearb.	02.11.2022	se/ks		
				Gepr.				
				Norm				
				FD-BLK-006_AU			Schrägförderer AlpCo Thredbo Australien	Blatt
								B
Zust	Änderung	Datum	Name					

foundation 280 cm x 100 cm x 80 cm

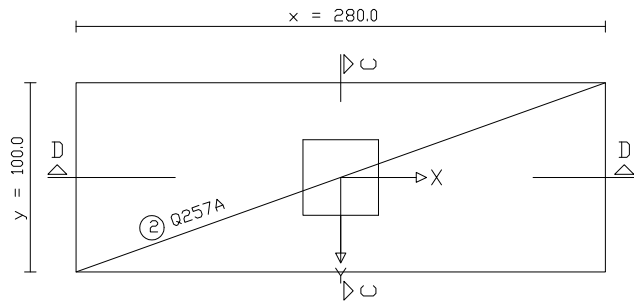


concrete class C25/30.
concrete cover minimum 5cm
material Q257A

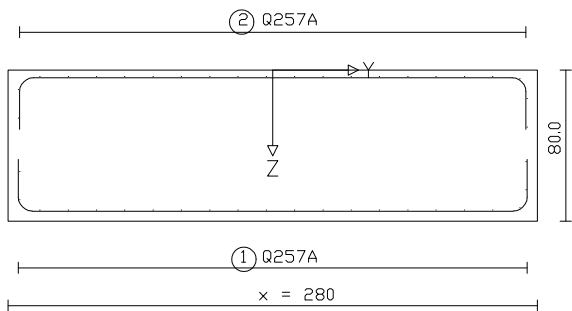
A-A.
Top view of bottom plate reinforcement



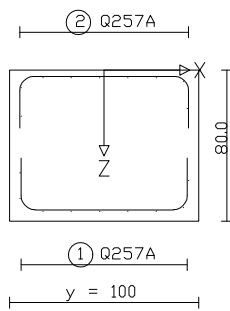
B-B.
Top view of top plate reinforcement



Section D-D



Section C-C



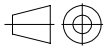
reinforcement FD-BLK-007_AU

Reinforcement constructiv !!

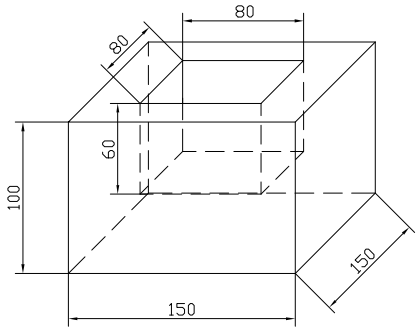
reinforcing steel mats on top and bottom						
positon number	major reinforcement -direction	type of mat	weight [kg/m2]	area without overlapping [m2]	weight per foundation [kg]	total weight [kg]
1	x-direction	Q 257A	4.12	4.32	17.8	17.8
2	y-direction	Q 257A	4.12	4.32	17.8	17.8
mesh support and ring reinforcement for quiver						
Reinforcement steel: B 500 S (A)						
position number	quantity per foundation	total quantity	ϕ [mm]	sectional length [cm]	total length [m]	
					ϕ8	ϕ10
					ϕ12	ϕ16
Date:				running m		
				kg/run. m	0.39	0.62
				kg	0.89	1.58
				total weight	0 + 35.6 (mesh) = 35.6 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	2.24	2.24

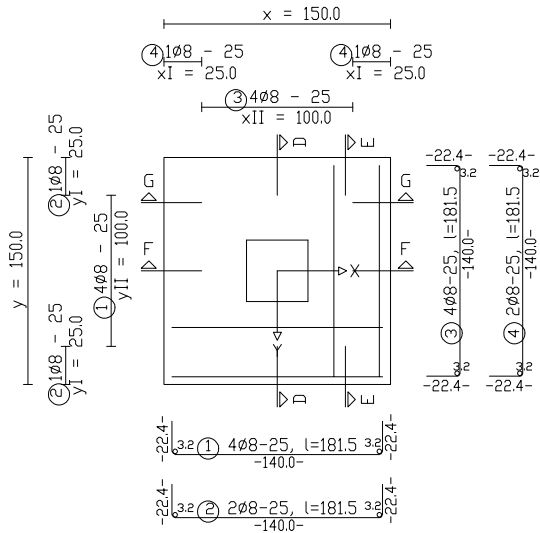
			Masstab 1:40	
			Material	
			Datum	Name
			Bearb. 02.11.2022	se/ks
			Gepr.	
			Norm	
			FD-BLK-007_AU	
			reinforcement foundation 280 x 100 x 80 cm	
			Schrägförderer AlpCo Thredbo Australien	
			Blatt	
Zust	Änderung	Datum	Name	

foundation 150x150x100
quiver 80x80x60

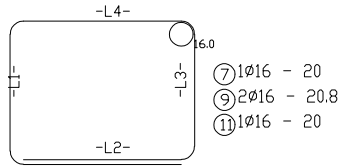
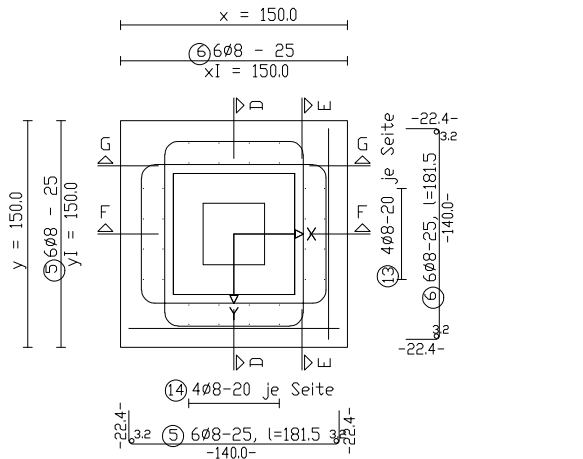


concrete class C25/30.
concrete cover minimum 5cm

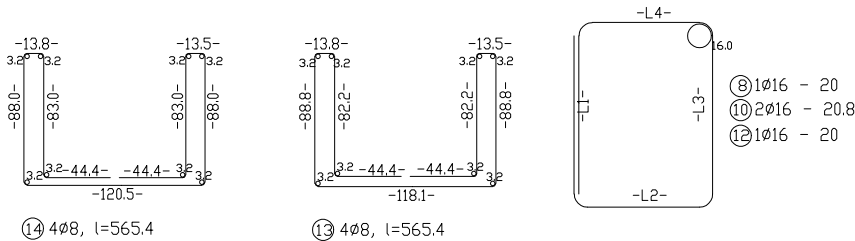
A-A. Top view of
bottom plate reinforcement



B-B. Top view of
top plate reinforcement

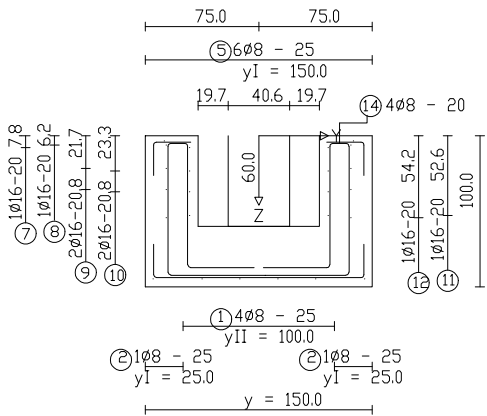


		-L1-	-L2-	-L3-	-L4-	-L-
7	1mesh support	93.2	114.1	93.2	123.7	516.9
9	1mesh support	93.2	114.1	93.2	123.7	516.9
	2mesh support	93.2	114.1	93.2	123.7	516.9
11	1mesh support	93.2	114.1	93.2	123.7	516.9

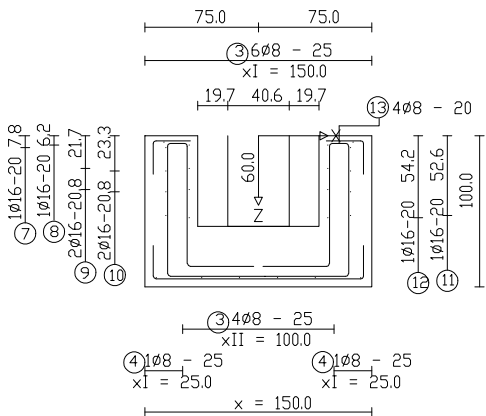


		-L1-	-L2-	-L3-	-L4-	-L-
8	1mesh support	114.1	93.2	123.7	93.2	516.9
10	1mesh support	114.1	93.2	123.7	93.2	516.9
	2mesh support	114.1	93.2	123.7	93.2	516.9
12	1mesh support	114.1	93.2	123.7	93.2	516.9

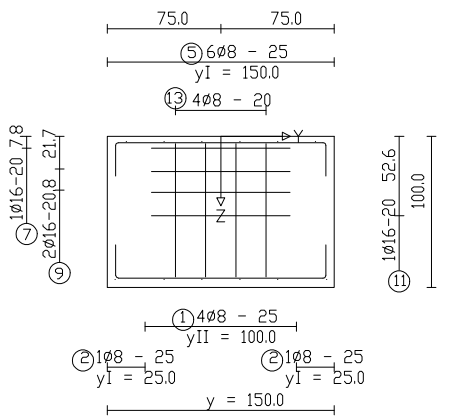
D-D: Section perpendicular to bucket wall
in x-direction



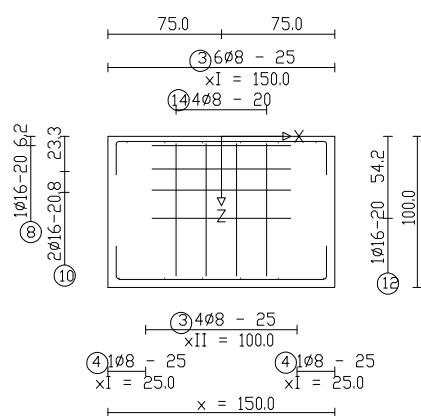
F-F: Section perpendicular to bucket wall
in y-direction



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



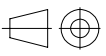
G-G: Section parallel to bucket wall in
x-direction



Reinforcement for foundation FD-MST-WieFu-2

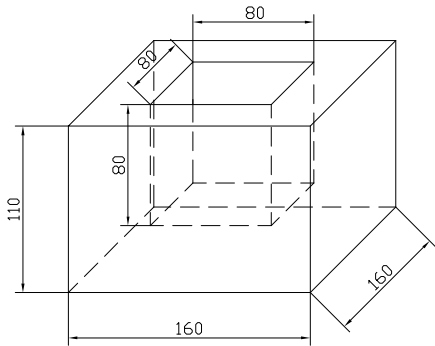
Dimensioning of reinforcement : tangential

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				

						Masstab 1:50	
						Material	
				Datum	Name	Reinforcement found. 150x150x100, quiver 80x80x60	
				Bearb. 04.11.2022	se/ks		
				Gepr.			
				Norm			
				FD-MST-WieFu-2		Monostützen AlpCo Thredbo Australien	
Zust	Änderung	Datum	Name				

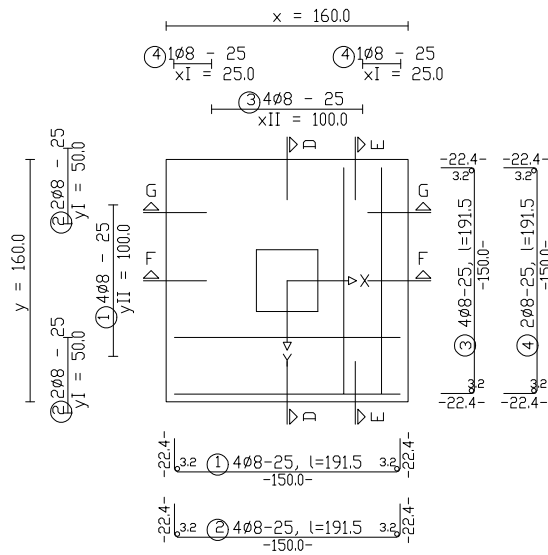
Foundation in frost-resistant ground depending on the local conditions and requirements ! Foundation on grown and bearing soil !
Grouting with shrinkage free mortar C25/30 !
Thunder protection shall be provide by building contractor depending on local requirements !
Foundation earth electrode (installed 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 !

foundation 160x160x110
quiver 80x80x80

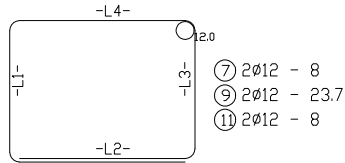
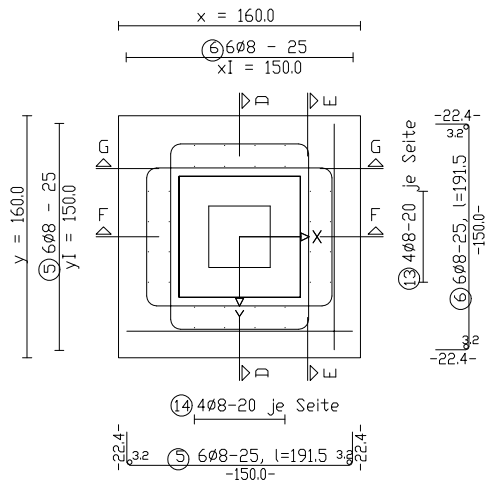


concrete class C25/30.
concrete cover minimum 5cm

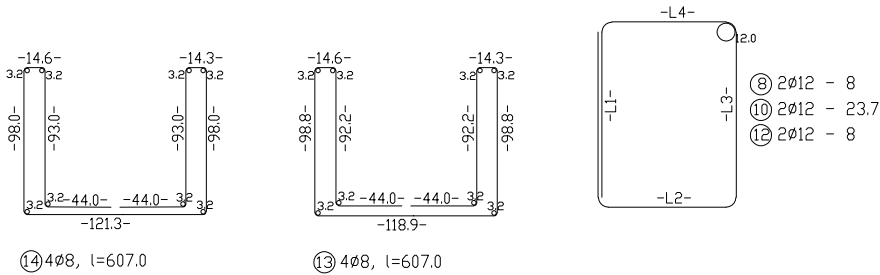
A-A. Top view of
bottom plate reinforcement



B-B. Top view of
top plate reinforcement

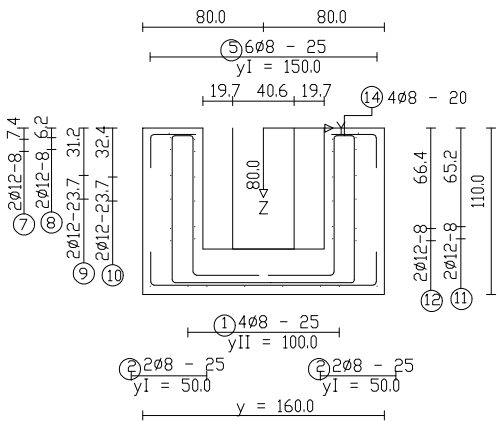


	-L1-	-L2-	-L3-	-L4-	-L-
7	1.mesh support	92.4	116.5	92.4	123.7
	2.mesh support	92.4	116.5	92.4	123.7
9	1.mesh support	92.4	116.5	92.4	123.7
	2.mesh support	92.4	116.5	92.4	123.7
11	1.mesh support	92.4	116.5	92.4	123.7
	2.mesh support	92.4	116.5	92.4	123.7

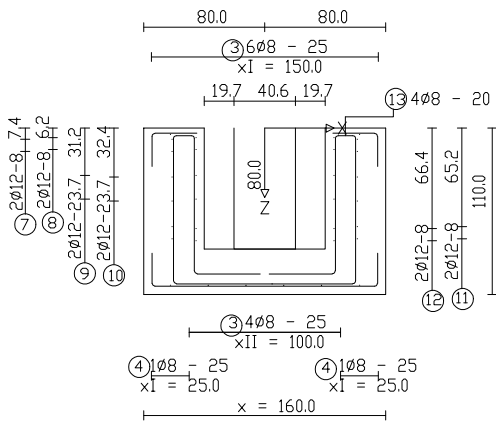


	-L1-	-L2-	-L3-	-L4-	-L-
8	1.mesh support	116.5	92.4	123.7	92.4
	2.mesh support	116.5	92.4	123.7	92.4
10	1.mesh support	116.5	92.4	123.7	92.4
	2.mesh support	116.5	92.4	123.7	92.4
12	1.mesh support	116.5	92.4	123.7	92.4
	2.mesh support	116.5	92.4	123.7	92.4

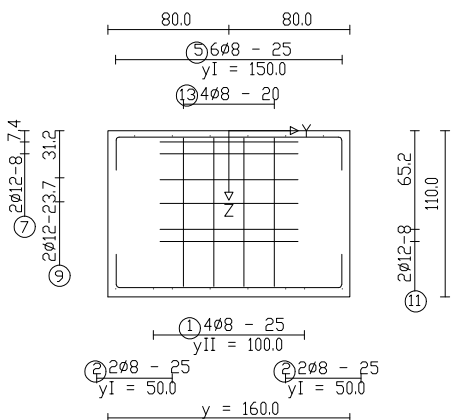
D-D: Section perpendicular to bucket wall
in x-direction



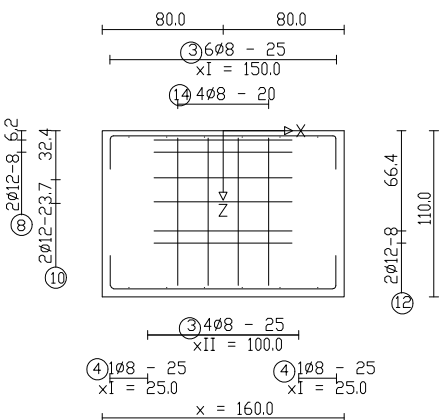
F-F: Section perpendicular to bucket wall
in y-direction



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-3

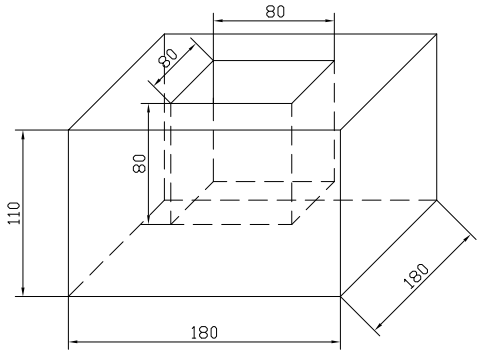
Dimensioning of reinforcement : tangential

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				

Foundation in frost-resistant ground depending on the local conditions and requirements ! Foundation on grown and bearing soil !
Grouting with shrinkage free mortar 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 !.

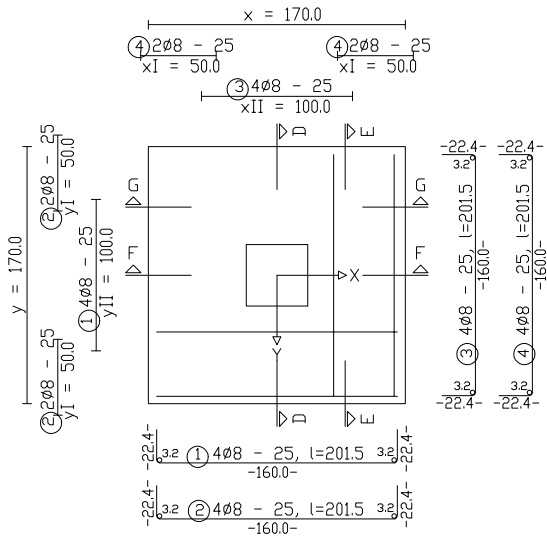
						Masstab 1:50	
				DIN ISO 2768 - m		Material	
				Datum	Name	Reinforcement found. 160x160x110, quiver 80x80x80	
				Bearb. 04.11.2022	se/ks		
				Gepr.			
				Norm			
				FD-MST-WieFu-3		Monostützen AlpCo Thredbo Australien	
Zust	Änderung	Datum	Name			Blatt	
						BÜ	

foundation 170x170x110
quiver 80x80x80

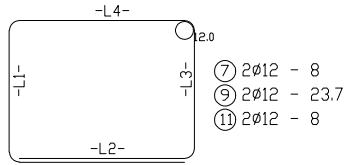
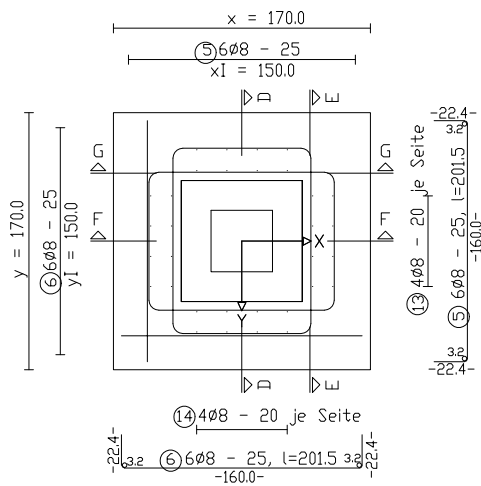


concrete class C25/30.
concrete cover minimum 5cm

A-A. Top view of
bottom plate reinforcement



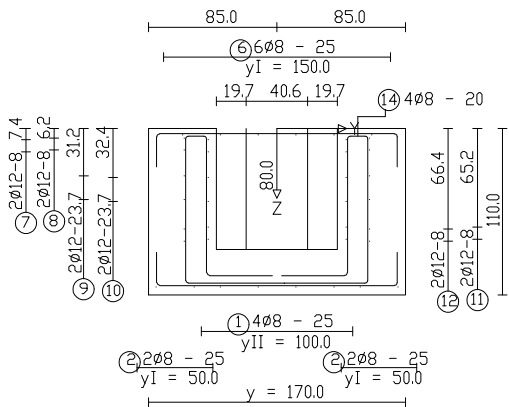
B-B. Top view of
top plate reinforcement



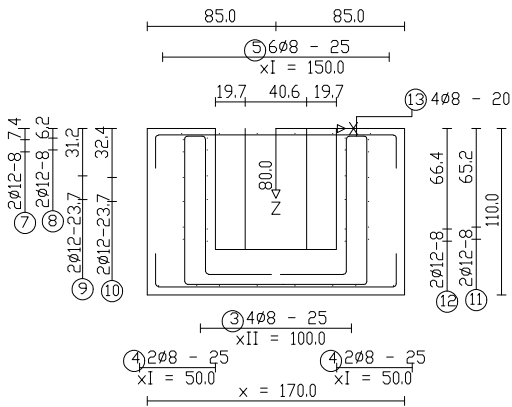
	-L1-	-L2-	-L3-	-L4-	-L-
⑦ 1.mesh support	92.4	116.5	92.4	123.7	525.5
2.mesh support	92.4	116.5	92.4	123.7	525.5
⑨ 1.mesh support	92.4	116.5	92.4	123.7	525.5
2.mesh support	92.4	116.5	92.4	123.7	525.5
⑪ 1.mesh support	92.4	116.5	92.4	123.7	525.5
2.mesh support	92.4	116.5	92.4	123.7	525.5

	-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

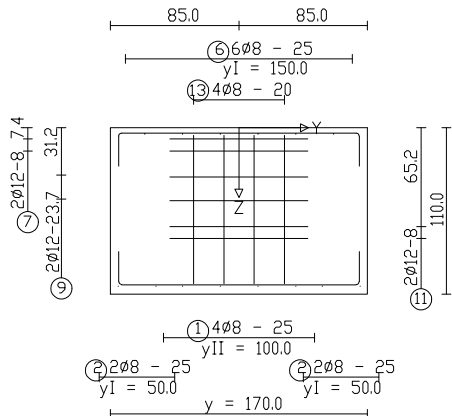
D-D: Section perpendicular to bucket wall
in x-direction



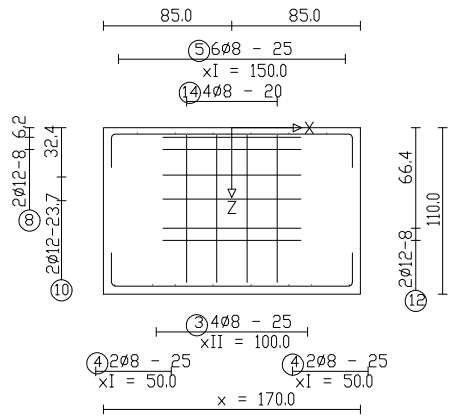
F-F: Section perpendicular to bucket wall
in y-direction



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



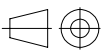
G-G: Section parallel to bucket wall in
x-direction



Reinforcement for foundation FD-MST-WieFu-4

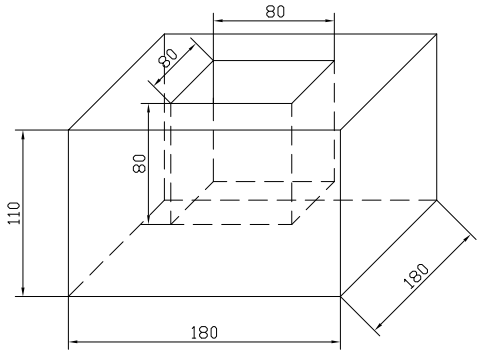
Dimensioning of reinforcement : tangential

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				

						Masstab 1:50	
						Material	
				Datum	Name	Reinforcement found. 170x170x110, quiver 80x80x80	
				Bearb. 07.11.2022	se/ks		
				Gepr.			
				Norm			
				FD-MST-WieFu-4		Monostützen AlpCo Thredbo Australien	
Zust	Änderung	Datum	Name				

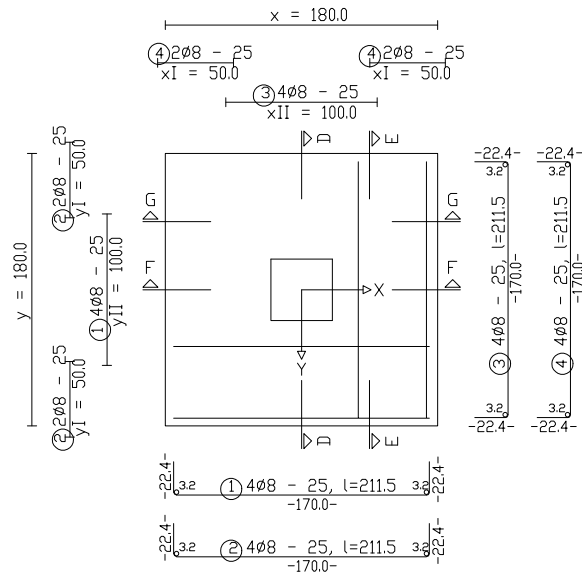
Foundation in frost-resistant ground depending on the local conditions and requirements ! Foundation on grown and bearing soil !
Grouting with shrinkage free mortar C25/30 !
Thunder protection shall be provide by building contractor depending on local requirements !
Foundation earth electrode (installed 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 !.

foundation 180x180x110
quiver 80x80x80

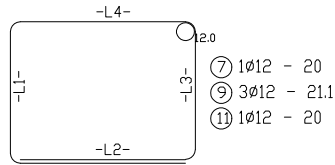
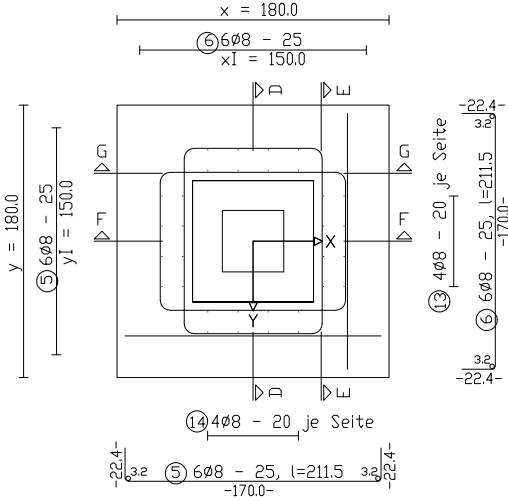


concrete class C25/30.
concrete cover minimum 5cm

A-A. Top view of
bottom plate reinforcement



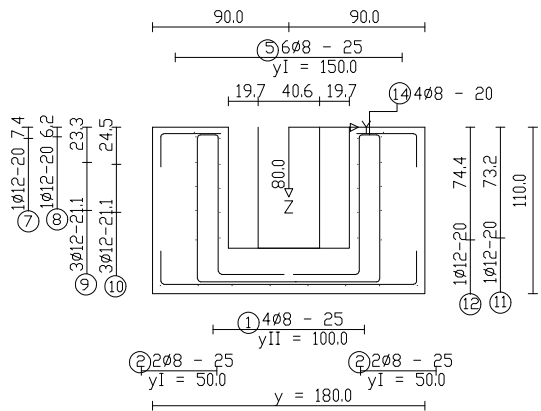
B-B. Top view of
top plate reinforcement



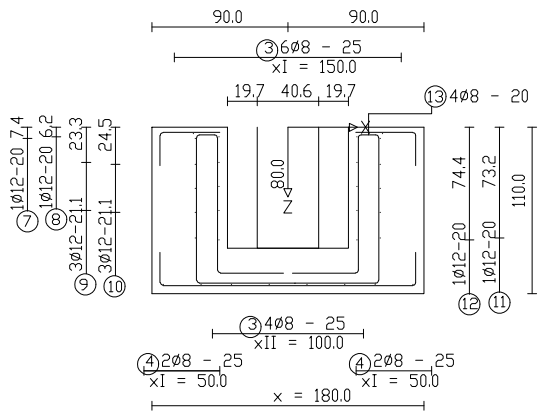
		-L1-	-L2-	-L3-	-L4-	-L-
7	1.mesh support	92.4	116.5	92.4	123.7	525.5
9	1.mesh support	92.4	116.5	92.4	123.7	525.5
	2.mesh support	92.4	116.5	92.4	123.7	525.5
	3.mesh support	92.4	116.5	92.4	123.7	525.5
11	1.mesh support	92.4	116.5	92.4	123.7	525.5

		-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

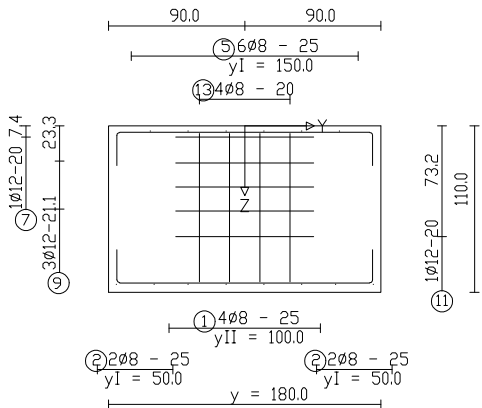
D-D: Section perpendicular to bucket wall
in x-direction



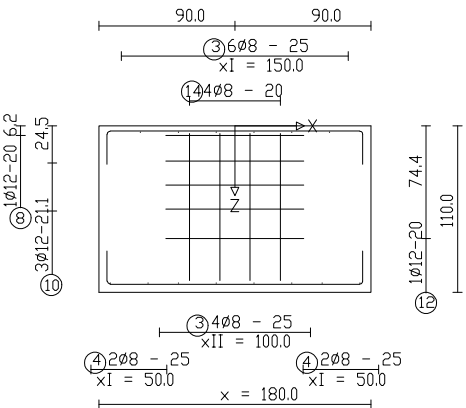
F-F: Section perpendicular to bucket wall
in y-direction



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



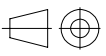
G-G: Section parallel to bucket wall in
x-direction



Reinforcement for foundation FD-MST-WieFu-5

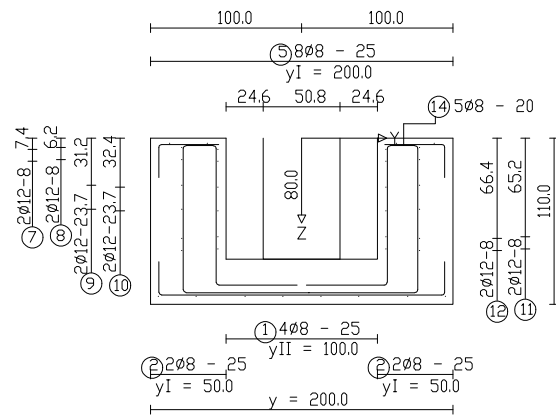
Dimensioning of reinforcement : tangential

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	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					

						Masstab 1:50	
						Material	
				Datum	Name	Reinforcement found. 180x180x110, quiver 80x80x80	
				Bearb. 04.11.2022	se/ks		
				Gepr.			
				Norm			
				FD-MST-WieFu-5		Monostützen AlpCo Thredbo Australien	
Zust	Änderung	Datum	Name				

Foundation in frost-resistant ground depending on the local conditions and requirements ! Foundation on grown and bearing soil !
Grouting with shrinkage free mortar 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 !

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

[illegible][illegible]

Technical drawing of a U-shaped reinforced concrete slab (Deck) with dimensions and reinforcement details.

Overall Dimensions:

- Top width: 100.0
- Bottom width: 100.0
- Left side height: 110.0
- Right side height: 110.0
- Internal width: 50.8
- Internal height: 80.0

Reinforcement Details:

- Top reinforcement: 3 $\varnothing 8 - 25$, $x_I = 200.0$
- Bottom reinforcement: 4 $\varnothing 8 - 25$, $x_I = 50.0$
- Right side reinforcement: 13 $\varnothing 8 - 20$
- Left side reinforcement: 7 $\varnothing 12 - 8$, 7.4, 20.12-8, 16.2, 20.12-8, 16.2, 20.12-23.7, 31.2, 20.12-23.7, 32.4, 10
- Right side reinforcement: 12 $\varnothing 12 - 8$, 66.4, 20.12-8, 65.2, 11

Other Dimensions:

- Top reinforcement: 3 $\varnothing 8 - 25$, $x_I = 100.0$
- Bottom reinforcement: 4 $\varnothing 8 - 25$, $x_I = 50.0$
- Right side reinforcement: 13 $\varnothing 8 - 20$
- Left side reinforcement: 7 $\varnothing 12 - 8$, 7.4, 20.12-8, 16.2, 20.12-8, 16.2, 20.12-23.7, 31.2, 20.12-23.7, 32.4, 10
- Right side reinforcement: 12 $\varnothing 12 - 8$, 66.4, 20.12-8, 65.2, 11

Technical drawing of a rectangular plate with dimensions and hole specifications. The drawing includes a top view and a side view.

Top View Dimensions:

- Overall width: 100.0
- Overall height: 110.0
- Distance from top edge to center of hole 1: 20.0
- Distance from bottom edge to center of hole 1: 20.0
- Distance from left edge to center of hole 1: 50.0
- Distance from right edge to center of hole 1: 50.0
- Distance from top edge to center of hole 2: 66.4
- Distance from bottom edge to center of hole 2: 66.4
- Distance from left edge to center of hole 2: 50.0
- Distance from right edge to center of hole 2: 50.0

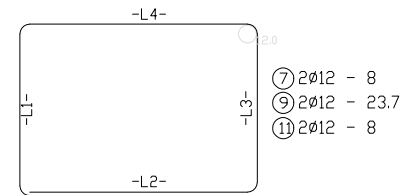
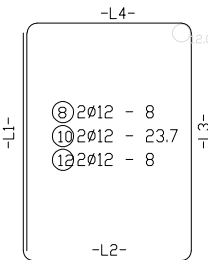
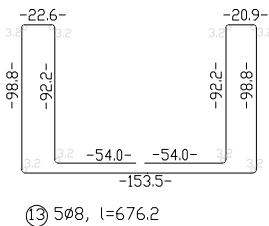
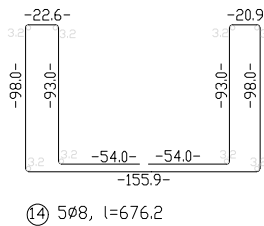
Hole Specifications:

- Hole 1: $\varnothing 8$ (Diameter 8 mm)
- Hole 2: $\varnothing 8$ (Diameter 8 mm)

Side View Dimensions:

- Overall width: 100.0
- Overall height: 110.0
- Distance from top edge to center of hole 1: 20.0
- Distance from bottom edge to center of hole 1: 20.0
- Distance from left edge to center of hole 1: 50.0
- Distance from right edge to center of hole 1: 50.0
- Distance from top edge to center of hole 2: 66.4
- Distance from bottom edge to center of hole 2: 66.4
- Distance from left edge to center of hole 2: 50.0
- Distance from right edge to center of hole 2: 50.0

Technical drawing of a square frame with concentric squares. The outermost square has a side length of 200.0, labeled as $x = 200.0$ and $y = 200.0$. The innermost square has a side length of 80.8, labeled as $\textcircled{5} 80.8 - 25$ and $\textcircled{5} 80.8 - 25, l=231.5$. The distance between the outer and inner squares is 20.0, labeled as $\textcircled{14} 50.8 - 20 \text{ je Seite}$ and $\textcircled{13} 50.8 - 20 \text{ je Seite}$. The total height of the frame is 224.0, labeled as $-22.4 - 190.0 - 22.4$. The total width of the frame is 224.0, labeled as $-22.4 - 190.0 - 22.4$. The drawing includes dimension lines and arrows indicating the measurements.



		-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

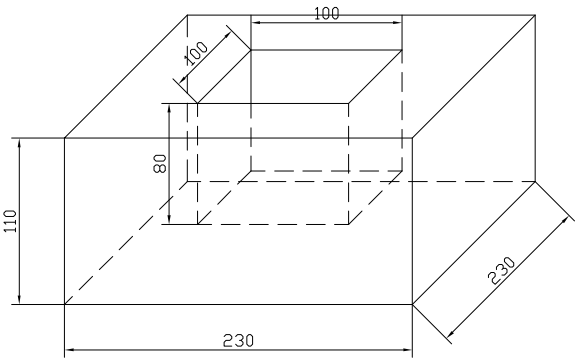
Dimensioning of reinforcement : tangential

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	14.69		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

				 DIN ISO 2768 - m		Masstab 1:50		
						Material		
					Datum	Name	Reinforcement found. 200x200x110, quiver 100x100x80	
				Bearb.	04.11.2022	se/ks		
				Gepr.				
				Norm				
				FD-MST-WieFu-7			Blatt	
							Monostützen AlpCo Thredbo Australien	
							Blatt	
Zust	Änderung	Datum	Name					

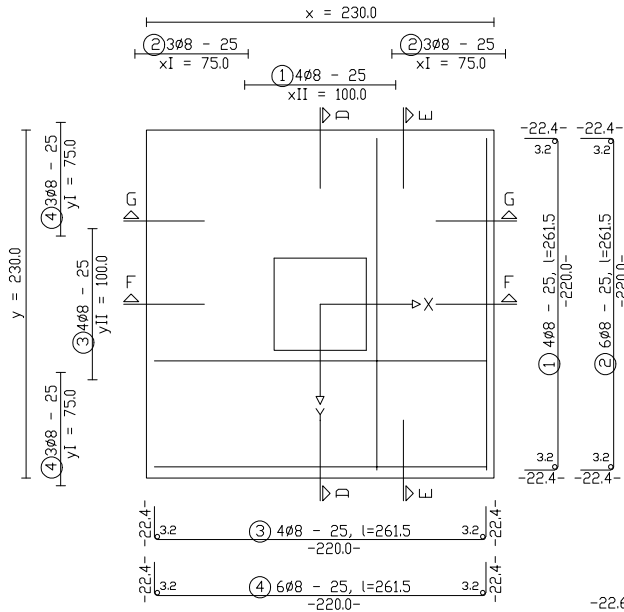
Foundation in frost-resistant ground depending on the local conditions and requirements ! Foundation on grown and bearing soil !
Grouting with shrinkage free mortar C25/30 !
Thunder protection shall be provide by building contractor depending on local requirements !
Foundation earth electrode (installed 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 !

foundation 230x230x110
quiver 100x100x80

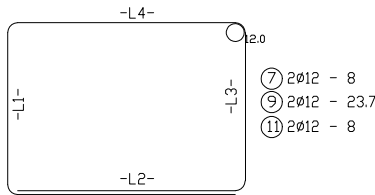
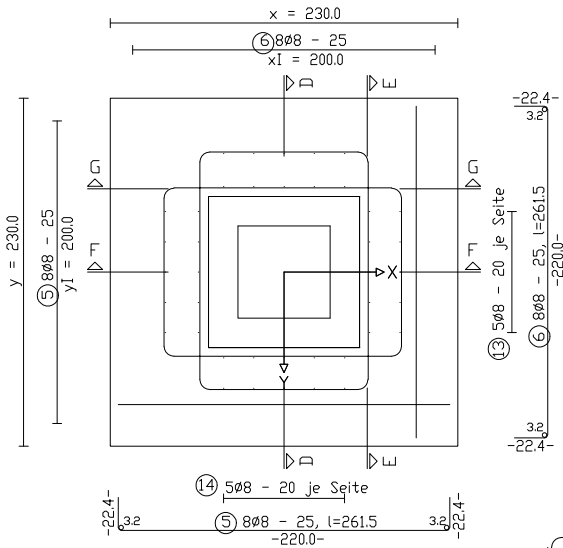


concrete class C25/30.
concrete cover minimum 5cm

A-A. Top view of
bottom plate reinforcement



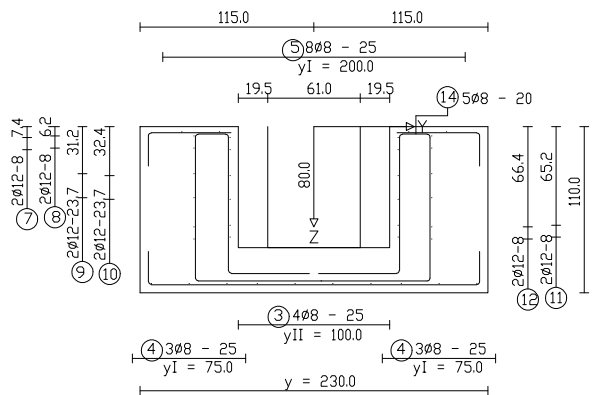
B-B. Top view of
top plate reinforcement



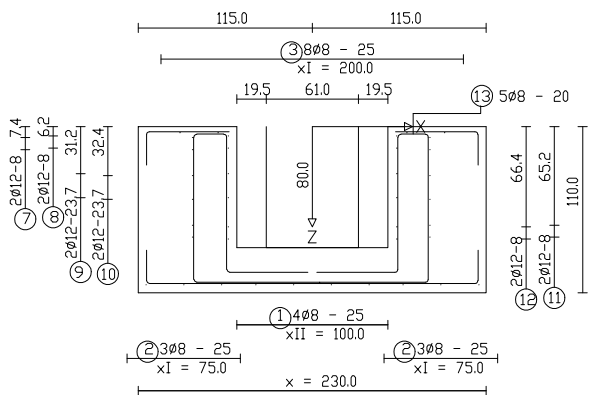
	-L1-	-L2-	-L3-	-L4-	-L-
⑦ 1.mesh support	112.4	151.1	112.4	158.3	669.3
2.mesh support	112.4	151.1	112.4	158.3	669.3
⑨ 1.mesh support	112.4	151.1	112.4	158.3	669.3
2.mesh support	112.4	151.1	112.4	158.3	669.3
⑪ 1.mesh support	112.4	151.1	112.4	158.3	669.3
2.mesh support	112.4	151.1	112.4	158.3	669.3

	-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

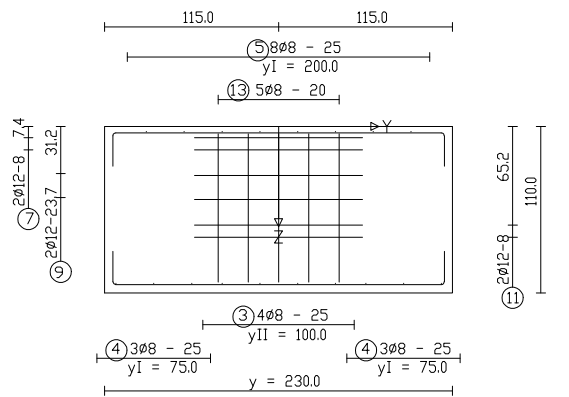
D-D: Section perpendicular to bucket wall
in x-direction



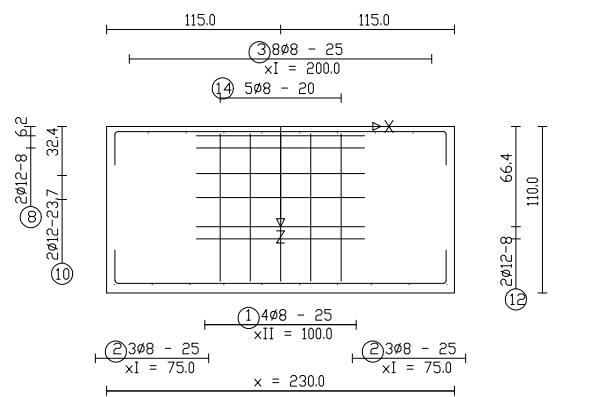
F-F: Section perpendicular to bucket wall
in y-direction



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-10

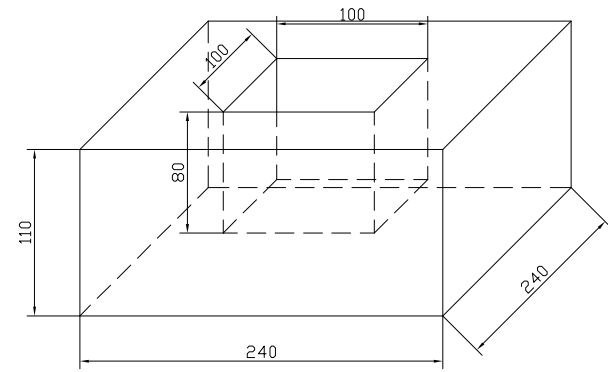
Dimensioning of reinforcement : tangential

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							total length [m]			
pos. nr.	quantity per foundation	total quantity	φ [mm]	cutting length [cm]						
					φ8	φ10	φ12	φ16		
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			
zu Plan Nr.:				kg/lfdm	0.39	0.62	0.89	1.58		
				kg	63.83		71.3			
				total weight						= 135.13 kg

Foundation in frost-resistant ground depending on the local conditions and requirements ! Foundation on grown and bearing soil !
Grouting with shrinkage free mortar 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 !.

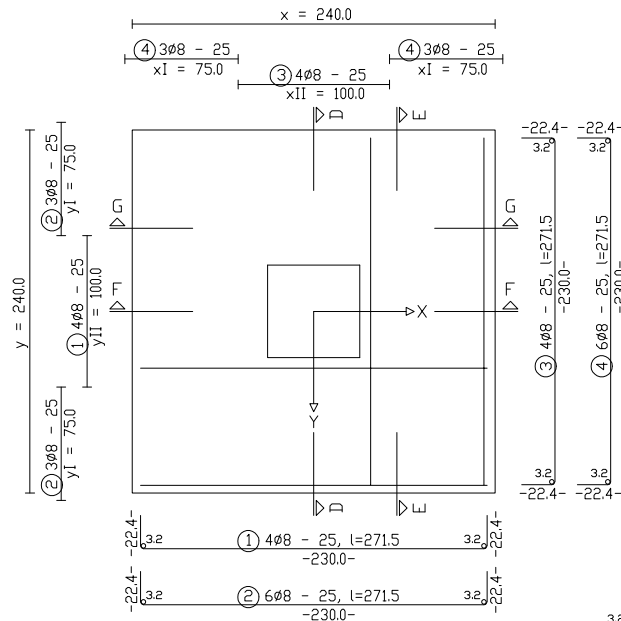
						Masstab 1:50
				DIN ISO 2768 - m		Material
				Datum	Name	Reinforcement found. 230x230x110, quiver 100x100x80
				Bearb. 09.11.2022	se/ks	
				Gepr.		
				Norm		
				FD-MST-WieFu-10		Monostützen AlpCo Thredbo Australien
Zust	Änderung	Datum	Name			Blatt
						Bt

foundation 240x240x110
quiver 100x100x80

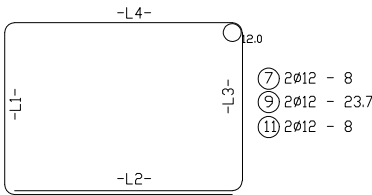
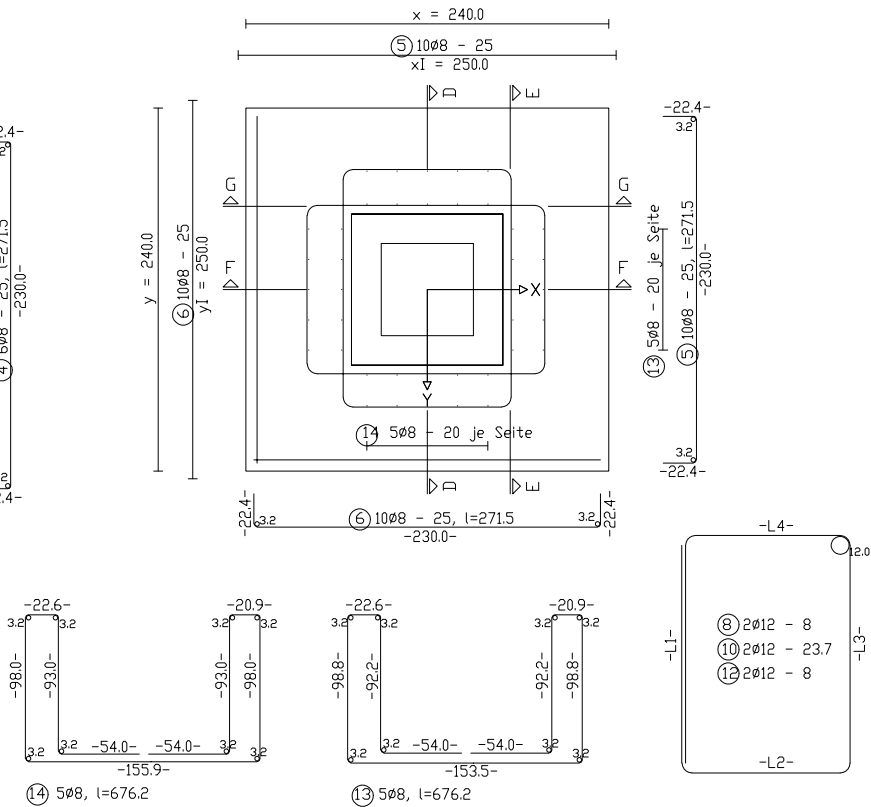


concrete class C25/30.
concrete cover minimum 5cm

A-A. Top view of
bottom plate reinforcement



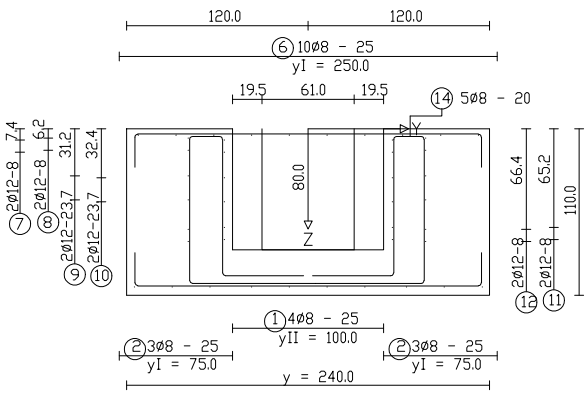
B-B. Top view of
top plate reinforcement



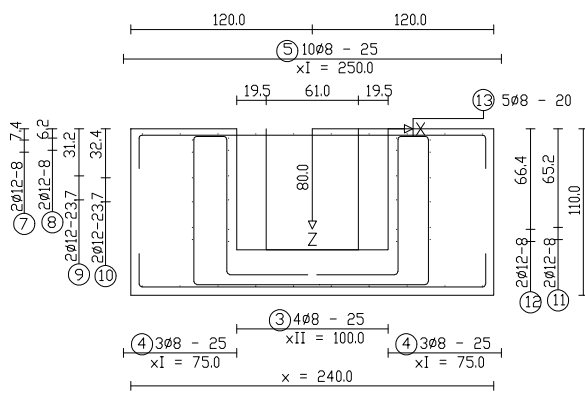
	-L1-	-L2-	-L3-	-L4-	-L-
7	1.mesh support	112.4	151.1	112.4	158.3
	2.mesh support	112.4	151.1	112.4	158.3
9	1.mesh support	112.4	151.1	112.4	158.3
	2.mesh support	112.4	151.1	112.4	158.3
11	1.mesh support	112.4	151.1	112.4	158.3
	2.mesh support	112.4	151.1	112.4	158.3

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

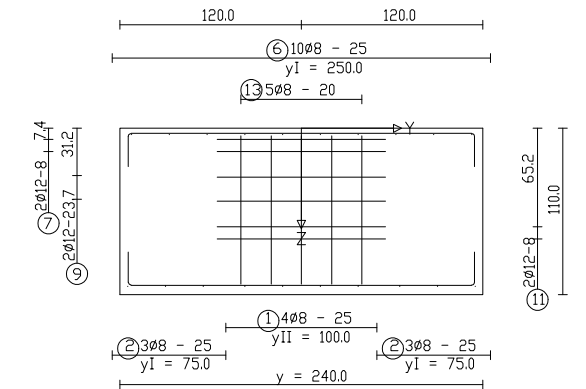
D-D: Section perpendicular to bucket wall
in x-direction



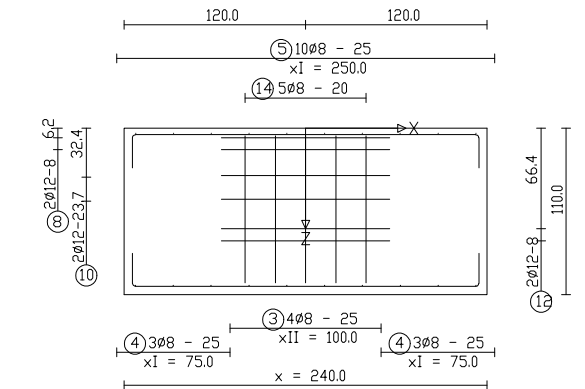
F-F: Section perpendicular to bucket wall
in y-direction



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



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



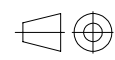
Reinforcement for foundation FD-MST-WieFu-11

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							total length [m]			
pos. nr.	quantity per foundation	total quantity	φ [mm]	cutting length [cm]						
					φ8	φ10	φ12	φ16		
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			
zu Plan Nr.:				kg/lfdm	0.39	0.62	0.89	1.58		
				kg	69.53		71.3			
				total weight						= 140.83 kg

Foundation in frost-resistant ground depending on the local conditions and requirements ! Foundation on grown and bearing soil !
Grouting with shrinkage free mortar 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

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

Bt

Zust Änderung Datum Name

A 3D diagram of a rectangular prism with a rectangular hole. The prism's dimensions are: length 200, height 100, and width 200. The hole's dimensions are: width 80 and height 60. The hole is located 80 units from the top edge and 60 units from the front face. Dashed lines indicate the hidden edges of the prism and the hole.

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

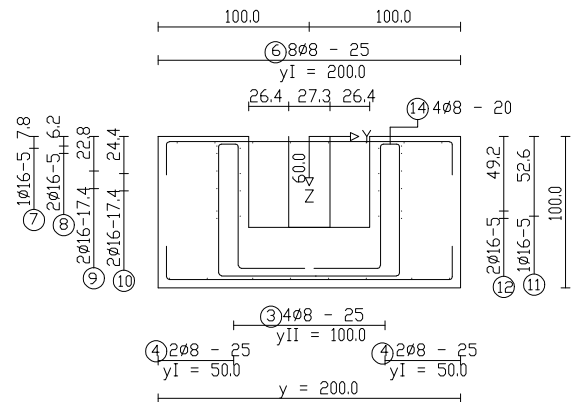


Figure 10.10 shows the reinforcement details for a rectangular slab. The diagram includes the following dimensions and specifications:

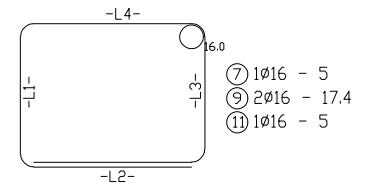
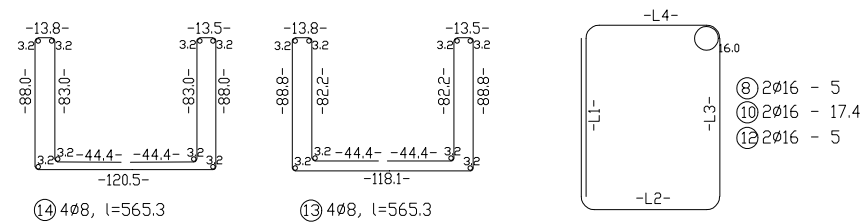
- Overall width: 100.0
- Effective width for reinforcement: 80.8 (100.0 - 2 * 5)
- Reinforcement: 5 8Ø8 - 25 and 13 4Ø8 - 20
- Effective depth: 200.0 (216 - 16)
- Overall depth: 216
- Reinforcement is shown in a cross-section with a central vertical axis labeled 'Z' and a horizontal axis labeled 'Y'.

Figure 10.10 shows a detailed architectural floor plan of a rectangular building with a central square courtyard. The plan is divided into four quadrants by a central horizontal and vertical axis. The overall dimensions are $x = 200.0$ and $y = 200.0$. The central courtyard has dimensions $408 - 25$ and $l = 231.5$. The plan includes various offsets and dimensions for the building's components, such as $208 - 25$ and $408 - 25$. The plan is labeled with dimensions and offsets, and the overall dimensions are $x = 200.0$ and $y = 200.0$.

Figure 10 shows the reinforcement drawing of a rectangular slab. The slab dimensions are 200.0m by 100.0m. The reinforcement is provided with 8Ø8 bars in the top layer and 4Ø8 bars in the bottom layer. The top layer bars are labeled ⑤ and ⑥, and the bottom layer bars are labeled ⑦ and ⑧. The dimensions are given in meters (m). The top layer bars are spaced at 26.4m and 27.3m. The bottom layer bars are spaced at 26.4m and 27.3m. The slab is supported by a central column and four corner columns. The central column is labeled 'X' and the corner columns are labeled 'Z'. The slab is shown with a cross-section of 50.0m. The reinforcement is shown with a cross-section of 50.0m. The slab is shown with a cross-section of 50.0m. The reinforcement is shown with a cross-section of 50.0m.

Technical drawing of a rectangular reinforced concrete slab. The drawing includes the following details:

- Overall Dimensions:**
 - Length: 100.0
 - Width: 100.0
 - Height: 49.2
- Reinforcement Details:**
 - Top Reinforcement:** 5 $\varnothing 8 - 25$ (labeled 5) with spacing $x_I = 200.0$.
 - Bottom Reinforcement:** 14 $\varnothing 8 - 20$ (labeled 14).
 - Side Reinforcement:** 2 $\varnothing 8 - 25$ (labeled 2) with spacing $x_I = 50.0$.
 - Vertical Reinforcement:** 1 $\varnothing 8 - 25$ (labeled 1) with spacing $x_{II} = 100.0$.
- Section Markers:**
 - X-X: Horizontal section line.
 - Y-Y: Vertical section line.
 - Z-Z: Section line through the center of the slab.
- Other Labels:**
 - ⑩: Label for the bottom reinforcement.
 - ⑪: Label for the top reinforcement.
 - ⑫: Label for the side reinforcement.

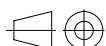
[illegible]

		-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
⑪	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

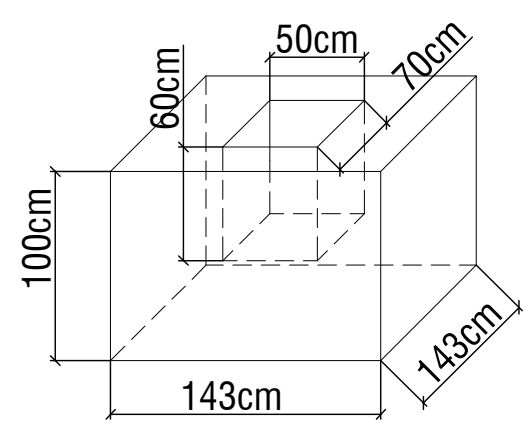
Dimensioning of reinforcement : tangential

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	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

						Masstab 1:50		
				DIN ISO 2768 - m		Material		
				Datum	Name	Reinforcement found. 200x200x100, quiver 80x80x60		
			Bearb.	07.11.2022	se/ks			
			Gepr.					
			Norm					
						Monostützen AlpCo Thredbo Australien		
			FD-MST-WieFu-16					Blatt
Zust	Änderung	Datum	Name			Bl		

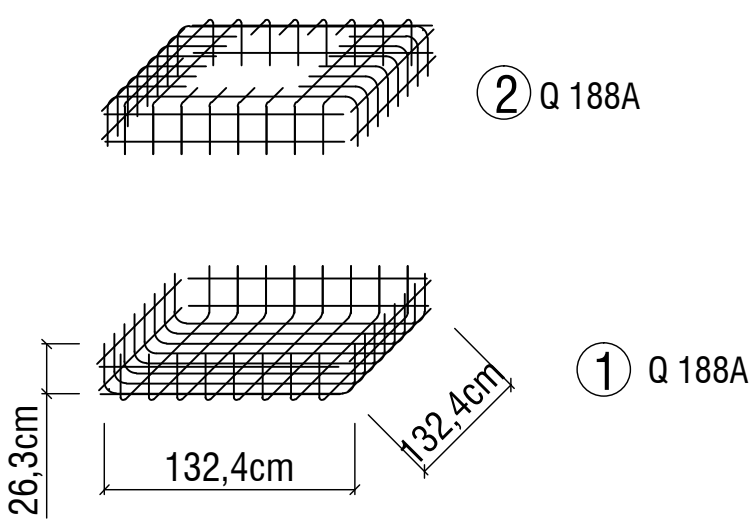
Foundation in frost-resistant ground depending on the local conditions and requirements ! Foundation on grown and bearing soil !
Grouting with shrinkage free mortar C25/30 !
Thunder protection shall be provide by building contractor depending on local requirements !
Foundation earth electrode (installed 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 !.

foundation 143x143x100
quiver 70x50x60

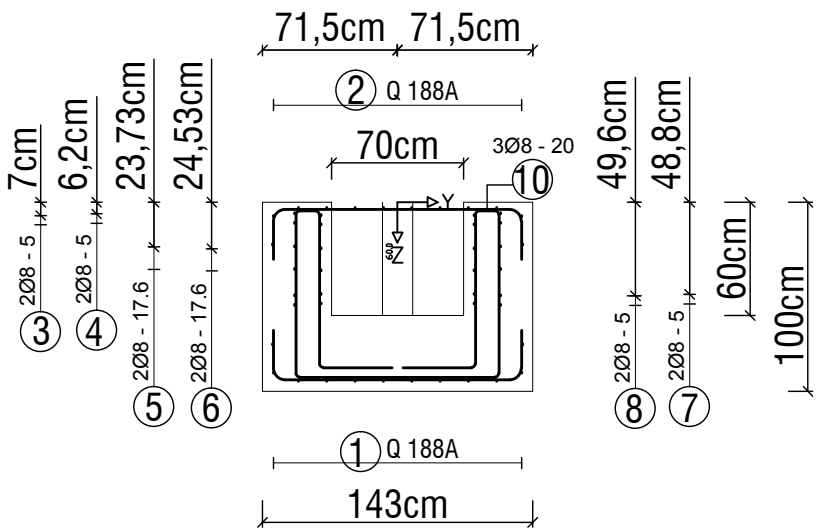


concrete class C25/30.
concrete cover minimum 5cm

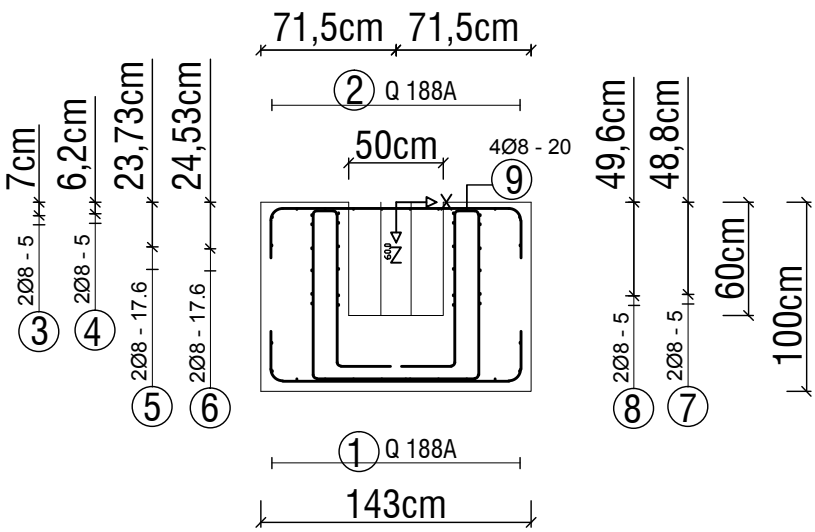
position 1 and 2 :
mesh Q188 A
material BSt 500 M (A)



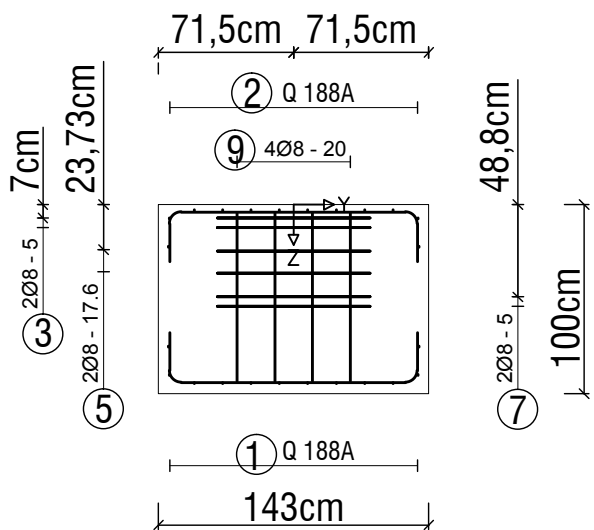
D-D: Section perpendicular to
bucket wall in x-direction



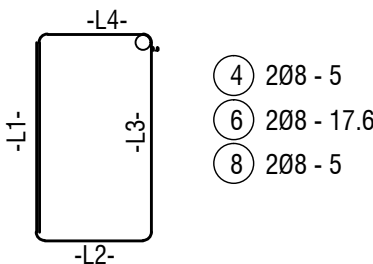
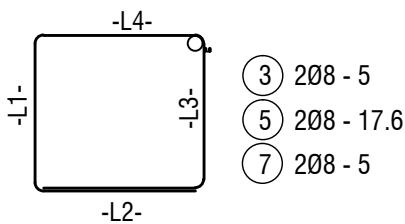
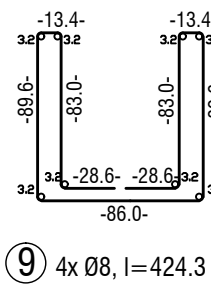
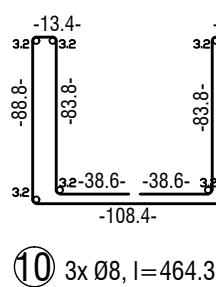
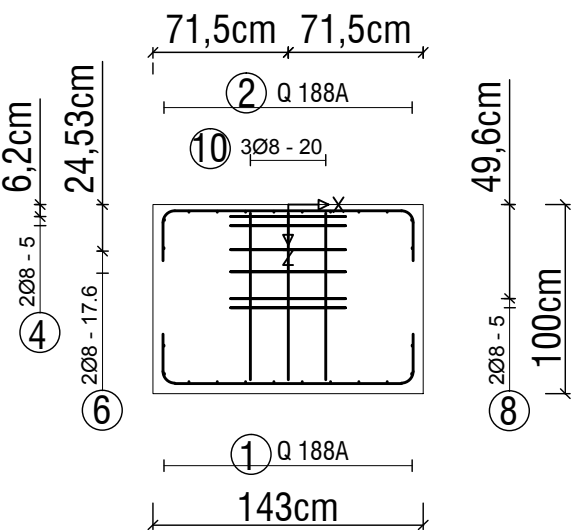
F-F: Section perpendicular to
bucket wall in y-direction



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



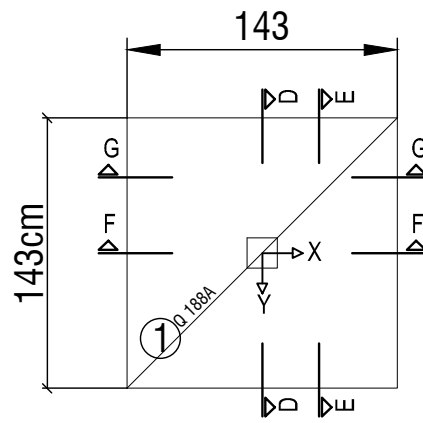
G-G: Section parallel to bucket
wall in x-direction



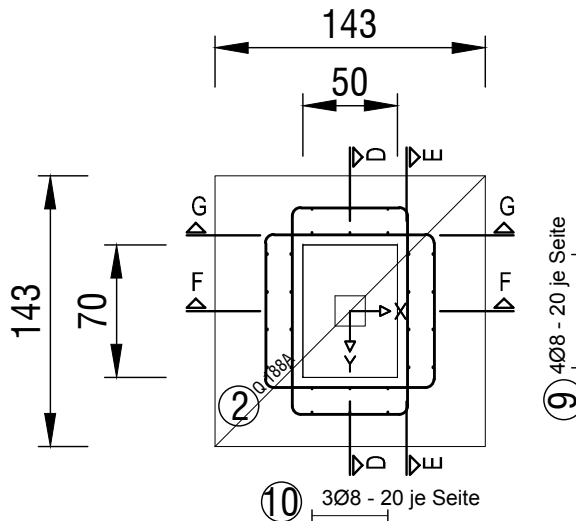
mesh on top and bottom								
Pos Nr.	main reinforcement -direction	mesh type	weight [kg/m2]	area without splice [m2]	weight per foundation netto [kg]			total weight netto [kg]
1	y-direction	Q 188A	3.02	3.42	10.33			10.33
2	y-direction	Q 188A	3.02	3.42	10.33			10.33
mesh support and ring reinforcement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

A-A. Top view of
bottom plate reinforcement



B-B. Top view of
top plate reinforcement



		-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

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

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

A 3D diagram of a rectangular prism with a rectangular hole. The prism's dimensions are 230 (length), 150 (height), and 230 (width). The hole's dimensions are 80 (length), 80 (width), and 80 (height). The hole is positioned in the top face of the prism, centered along the length and width axes. Dashed lines indicate the hidden edges of the prism and the hole.

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

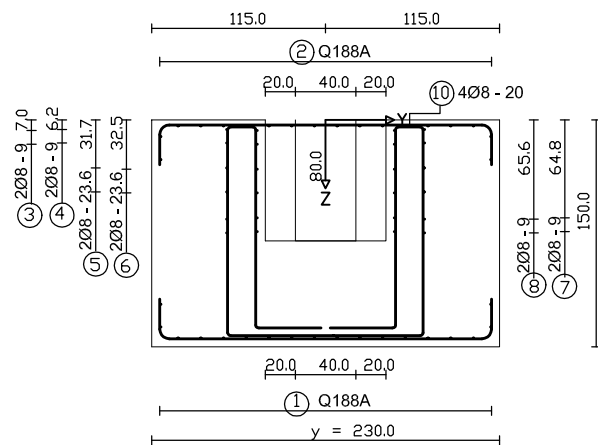


Figure 1: Reinforcement drawing of the slab. The drawing shows a rectangular slab with dimensions 2300 mm by 1500 mm. The reinforcement consists of 10 vertical bars (labeled 10φ12) and 10 horizontal bars (labeled 10φ12). The vertical bars are spaced at 230 mm, and the horizontal bars are spaced at 150 mm. The drawing is labeled 'Q188A' and 'y = 230.0'.

Figure 1 consists of two diagrams, (a) and (b), illustrating the reinforcement layout for a rectangular slab. Diagram (a) is a top view showing a grid of reinforcement bars. The dimensions are 220 and 30. Diagram (b) is a side view showing the profile of the reinforcement bars, with dimensions 220 and 30. The reinforcement bars are labeled with circled numbers 1 and 2, and the text 'Q 188A' is present next to each label.

Technical drawing of a reinforced concrete slab (Q188A) showing dimensions and reinforcement details.

Dimensions:

- Overall width: 115.0
- Overall height: 115.0
- Slab thickness: 80.0
- Reinforcement spacing (horizontal): 20.0, 40.0, 20.0
- Reinforcement spacing (vertical): 20.0, 40.0, 20.0
- Reinforcement spacing (diagonal): 20.0, 40.0, 20.0

Reinforcement Details:

- ① Q188A (Top reinforcement)
- ② Q188A (Bottom reinforcement)
- ③ 208 - 9 (Top reinforcement)
- ④ 208 - 9 (Top reinforcement)
- ⑤ 208 - 23.6 (Top reinforcement)
- ⑥ 208 - 23.6 (Top reinforcement)
- ⑦ 208 - 9 (Bottom reinforcement)
- ⑧ 208 - 9 (Bottom reinforcement)
- ⑨ 408 - 20 (Bottom reinforcement)

Other Dimensions:

- 65.6 (Total height)
- 64.8 (Height to reinforcement center)
- 150.0 (Total height)
- x = 230.0 (Total width)

208 - 9 5.2

208 - 9 32.5

208 - 9 65.0

208 - 9 150.0

Q188A

x = 230.0

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			

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

⑩ 408, l=787.7

⑨ 408, l=787.7

	-L1-	-L2-	-L3-	-L4-	-L-
④ 208-9	126.9	91.6	131.7	91.6	557.8
⑥ 208-23.6	126.9	91.6	131.7	91.6	557.8
⑧ 208-9	126.9	91.6	131.7	91.6	557.8

								Masstab 1:50	
				DIN ISO 2768 - m				Material	
					Datum	Name		reinforcement centre-foundation of circle 230x230x150, quiver 80x80x80	
				Bearb.	03.03.2022	se/ks			
				Gepr.					
				Norm					
				FD-KR0-012_EU				Blatt	
								FD-MST 230x230x150 K 80x80x80	
Zust	Änderung	Datum	Name						

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