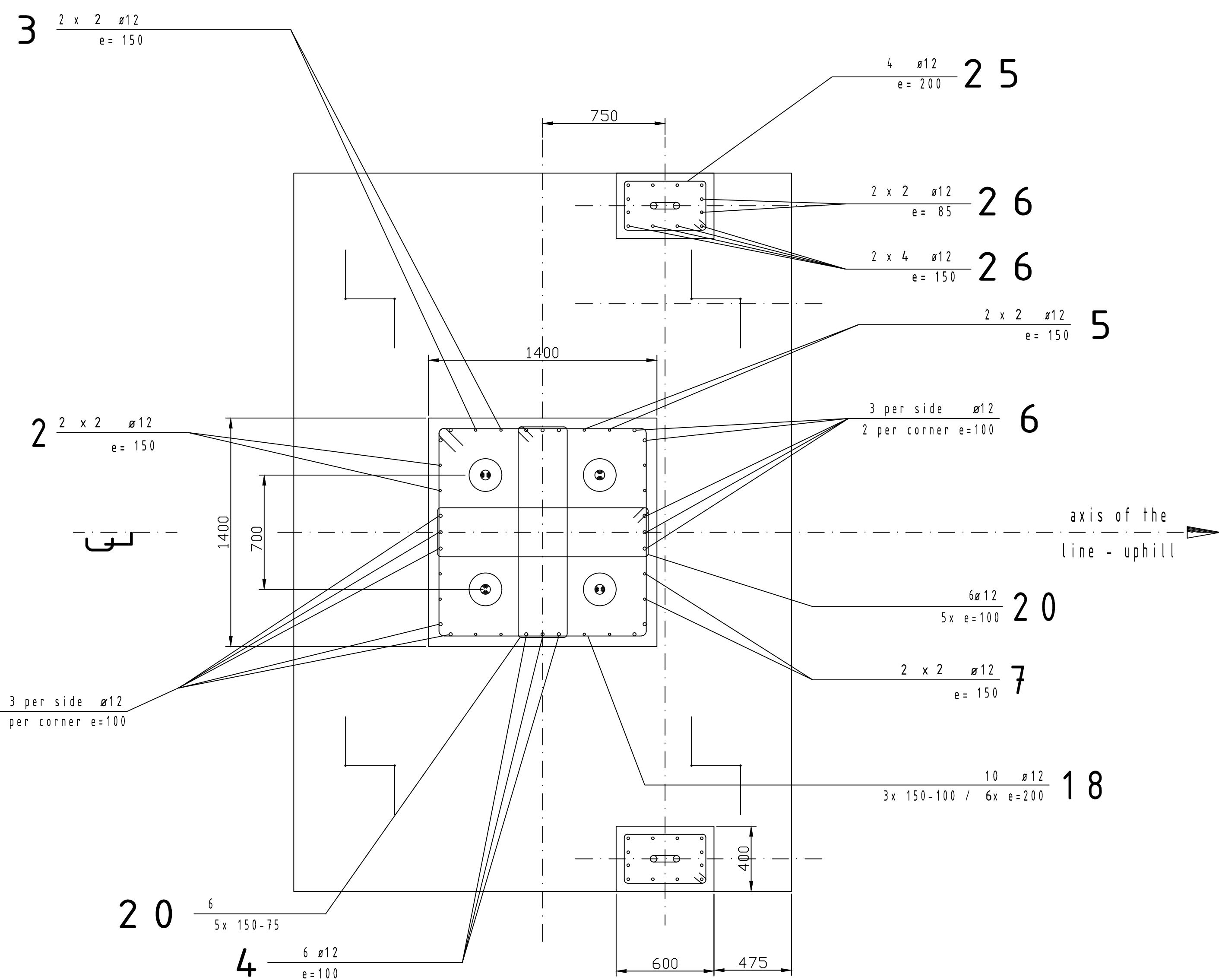




A suitably experienced and qualified engineer is required to inspect the foundation material during construction and verify that an allowable bearing pressure of not less than 200kN/m^2 is achieved.

IMPORTANT:

The drawing is only schematic!
Only the dimensions are applicable!

$$\begin{aligned} V_{\text{column}} &= 3.4 \text{ m}^3 \\ V_{\text{base}} &= 8.1 \text{ m}^3 \\ V_{\text{hold}} &= 0.4 \text{ m}^3 \\ V_{\text{total}} &= 11.9 \text{ m}^3 \end{aligned}$$


IMPORTANT: Take into account the geotechnical engineering assessment
when executing the construction works of the foundation!

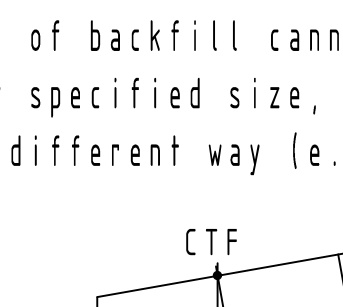
ENSURE FOUNDATION HAS EARTH BONDING

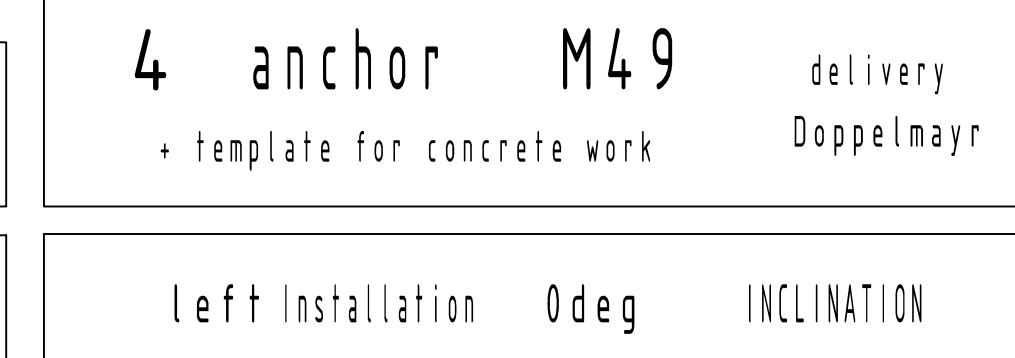
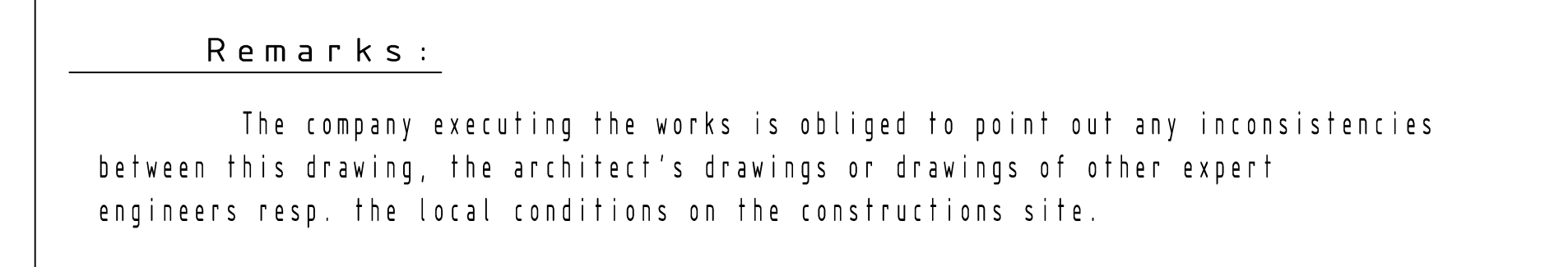
The foundation must be completely back-filled in equal layers on the entire surface below the CTF height.

The foundation load was considered in the calculation. specific weight is kN/m³

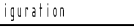
DISTANCE CTF TO GROUND: 610 mm

If the weight of backfill cannot be carried out in the hereby specified size, the load must be applied in a different way (e.g. concrete load)



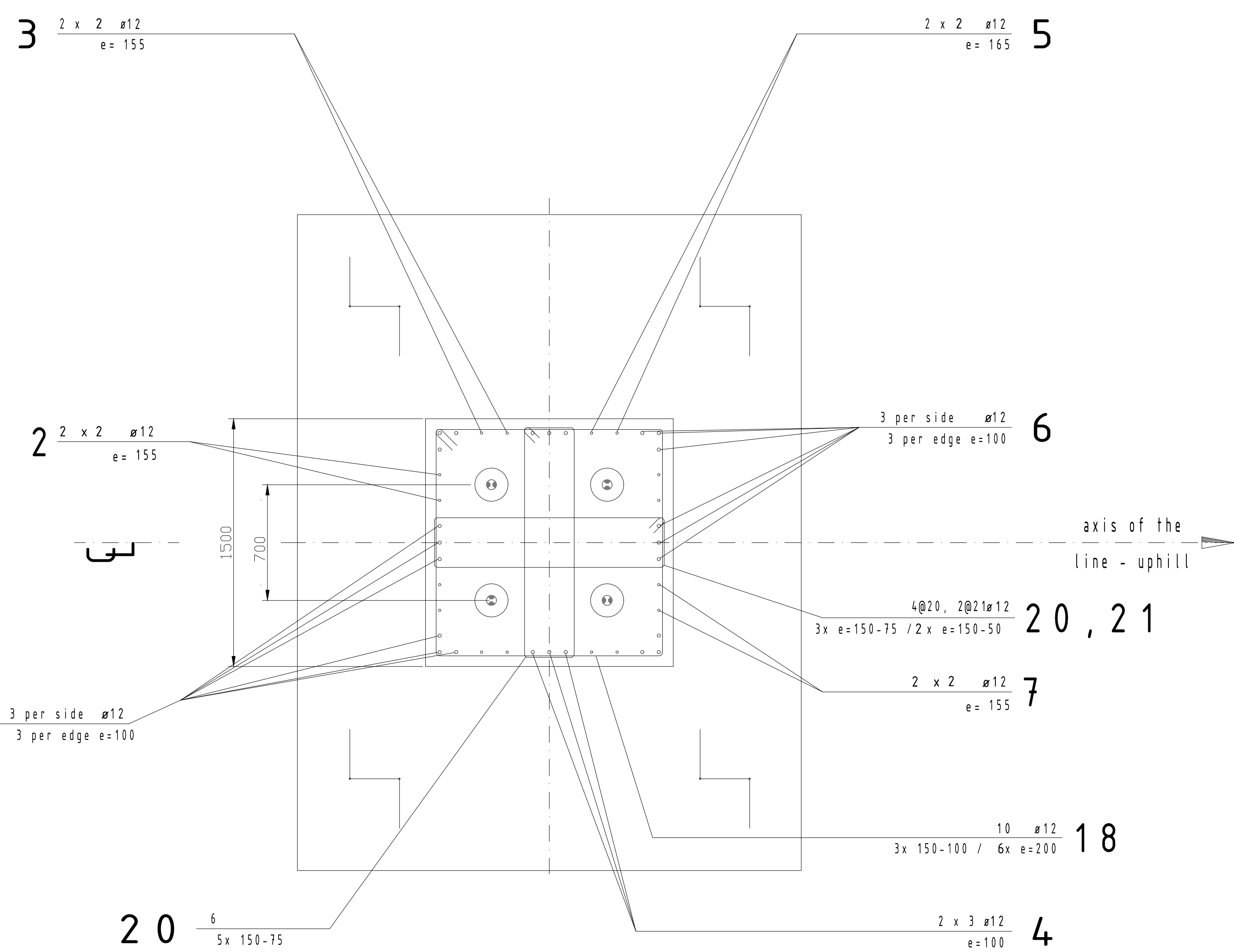


The foundations must be surveyed in terrain exactly according to the specified CTF heights and lengths
CTF length: 50 mm, CTF height: 30 mm, Cross width: 20 mm, angle: $\pm 0.5^\circ$;
N.B.: The foundation dimensions are absolute minimum requirements!

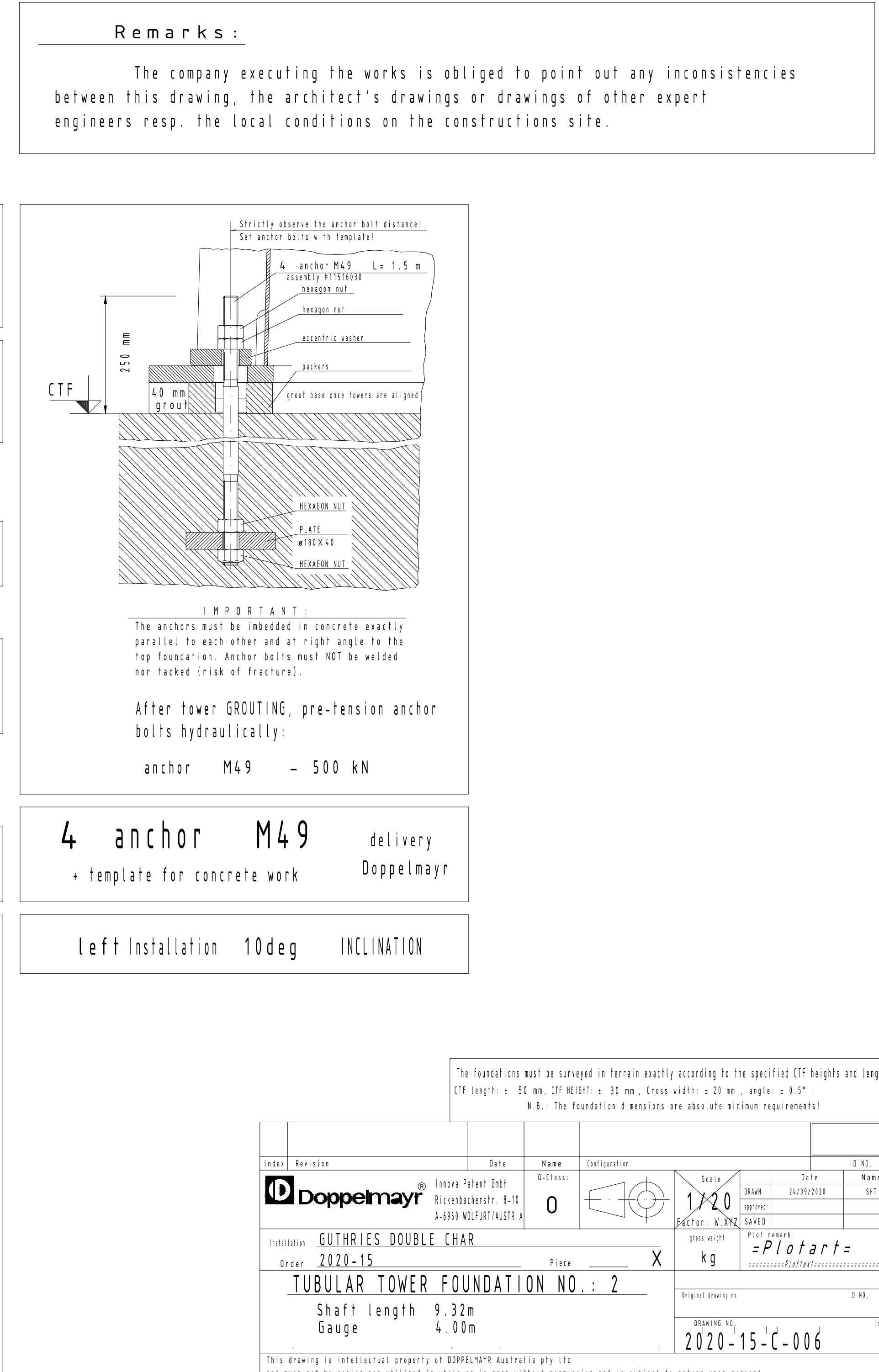
Order / Revision		Draw	Scale	Classification				
 Doppelmayr Industrieanlagen GmbH Pöchlacherstraße, 8-10 A-6060 Wals (Salzburg)		Drawing 0		Scale 1:20 (HEIGHT x WIDTH) (mm)	Sheet 1/1 DATE	Date 23/01/2023	User gsk	
Installation GUTHRIES DOUBLE CHAIR				Project X				Weight kg = Plotsafe https://www.doppelmayr.com
Order TUBULAR TOWER FOUNDATION NO. 1		Piece						
Shaft length 3.05m Gauge 4.9mm				Design Date 2020-15-1-C-005				

This drawing is intellectual property of DIPPELWAYER Australia Pty Ltd and must not be copied nor utilized in whole or in part without permission.

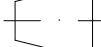
AC

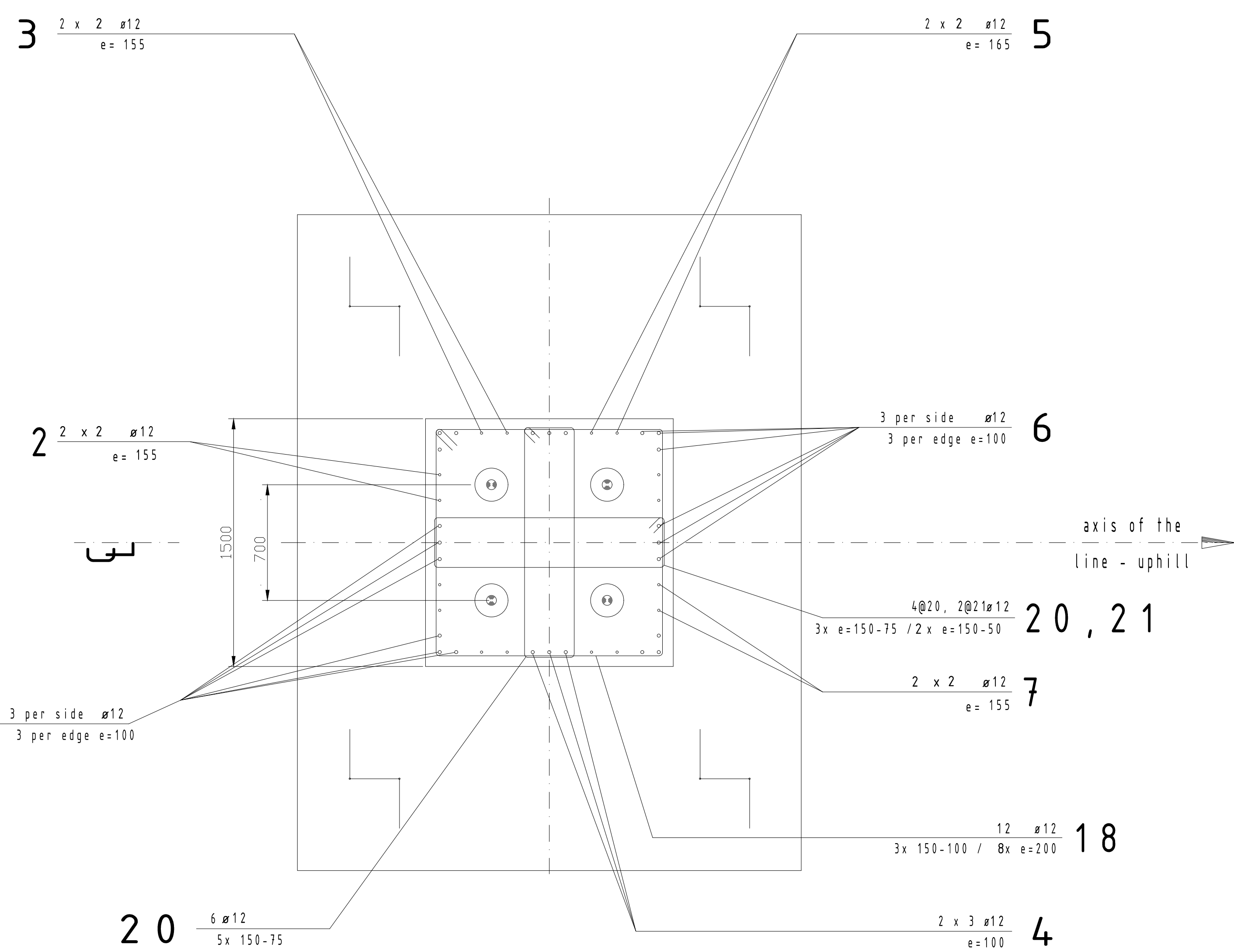


IMPORTANT: The drawing is only schematic! Only the dimensions are applicable	
$V_{column} = 3.4 \text{ m}^3$ $V_{base} = 6.1 \text{ m}^3$ $V_{total} = 9.5 \text{ m}^3$	
IMPORTANT: Take into account the geotechnical engineering assessment when executing the construction works of the foundation!	
ENSURE FOUNDATION HAS EARTH BONDING	
The foundation must be completely back-filled with equal layers on the entire surface below the height. The backfill load was considered in the calculation. $\gamma_{specific\ weight\ 16\ kN/m^3}$	
DISTANCE CTF TO GROUND: 680 mm If the weight of backfill cannot be carried in the hereby specified size, the load must applied in a different way (e.g. concrete l)	

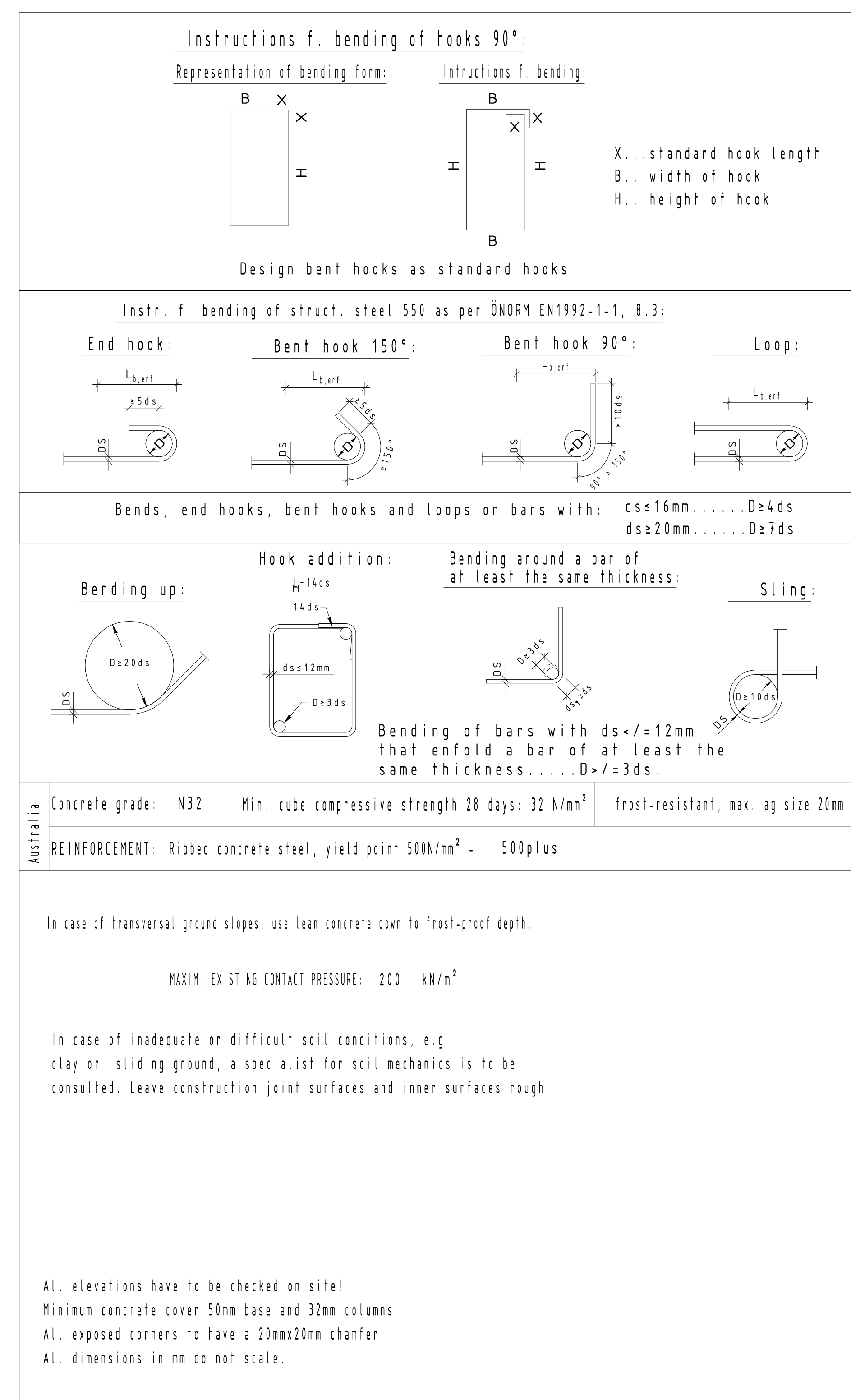


A suitably experienced and qualified engineer is required to inspect the foundation material during construction and verify that an allowable bearing pressure of not less than 200kN/m^2 is achieved.

Order / Revision	Date	Name	Configuration	Size	Blank	Date	Lot No.
100		0		1x20 pages x 210	Blank order	2019/12/12	100
Doppelmayr Longray Paper Co. P.O. Box 100 Kallaroo WA 6107 (08) 9479391				First name =Platart= =====			
Material	GUTHRIES DOUBLE CHAR		Weight	kg			
Order	2020-15	Name	X				
TUBULAR POWER FOUNDATION NO.: 2							
Shaft length 9.32m Gauge 4.00m				Ring bolt drawing (10)			
This drawing is intellectual property of Doppelmayr Australia Pty Ltd				Order No. 2020-15-C-006			



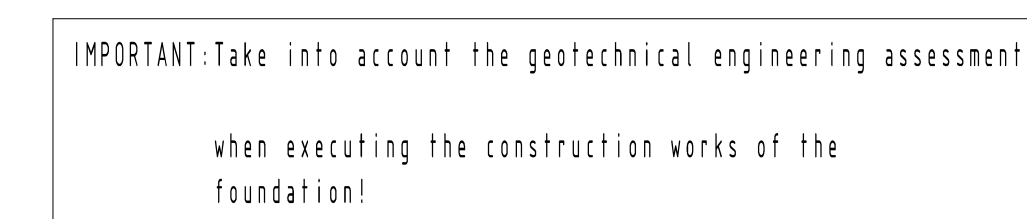
A suitably experienced and qualified engineer is required to inspect the foundation material during construction and verify that an allowable bearing pressure of not less than 200kN/m^2 is achieved.



The company executing the works is obliged to point out any inconsistencies between this drawing, the architect's drawings or drawings of other expert engineers resp. the local conditions on the constructions site.

The drawing is only schematic!
Only the dimensions are applicable!

Vcolumn= 4.1 m³
Vbase= 6.1 m³
Vtotal=10.2 m³



The foundation must be completely back-filled in equal layers on the entire surface below the CTF height.

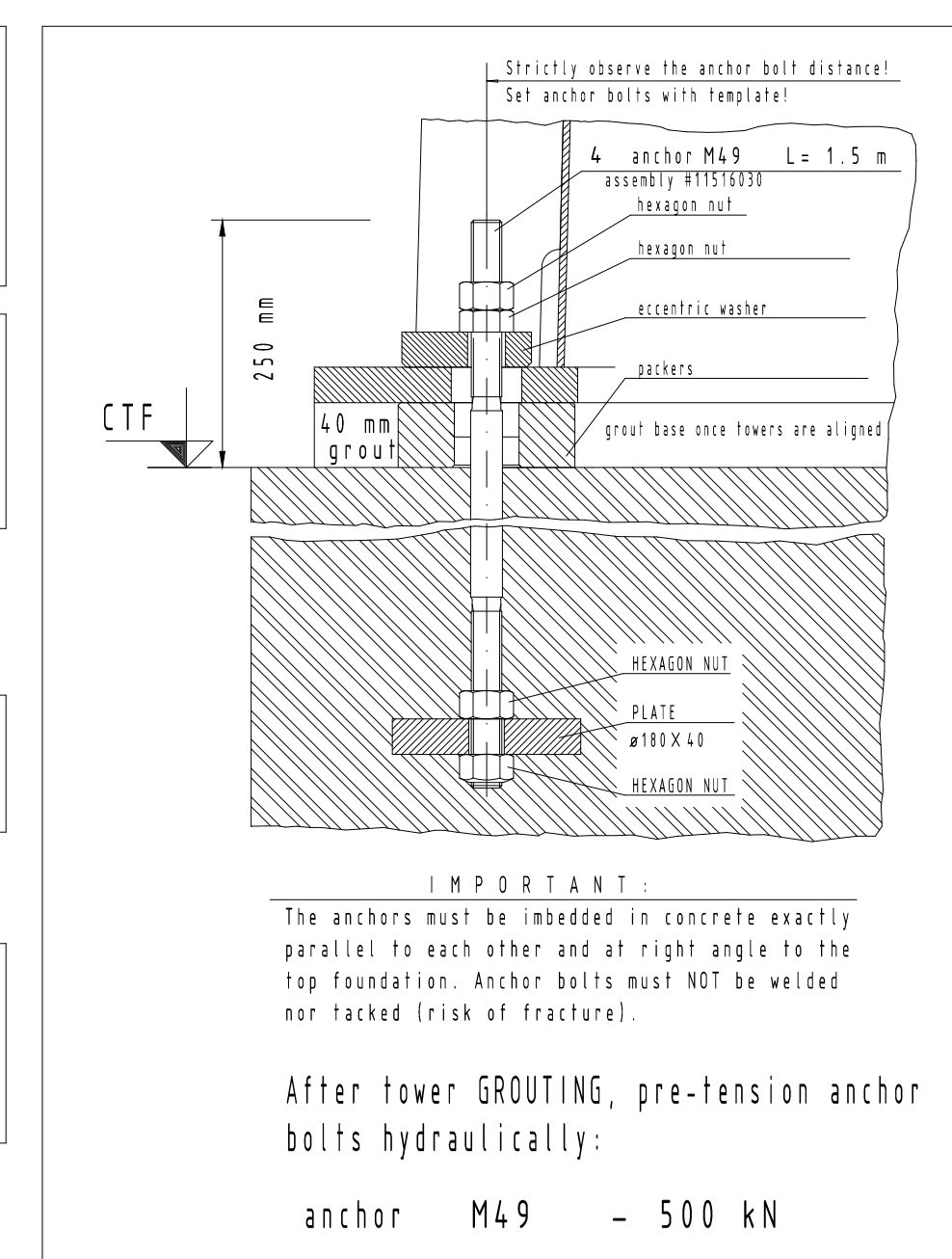
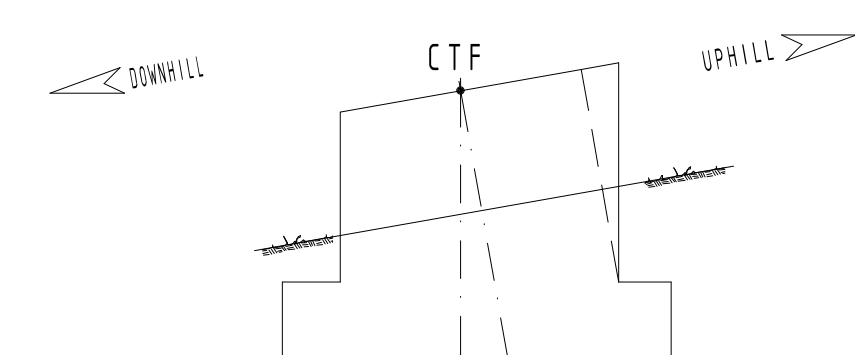
The foundation must be completely back-filled in equal layers on the entire surface below the CTF height.

The backfill load was considered in the calculation.

- specific weight 16 kN/m³

DISTANCE CTF TO GROUND: 1100mm

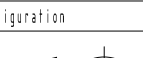
If the weight of backfill cannot be carried out in the hereby specified way, the load must be applied in a different way (e.g. concrete load



4 anchor M49 delivery
+ template for concrete work Doppelmayr

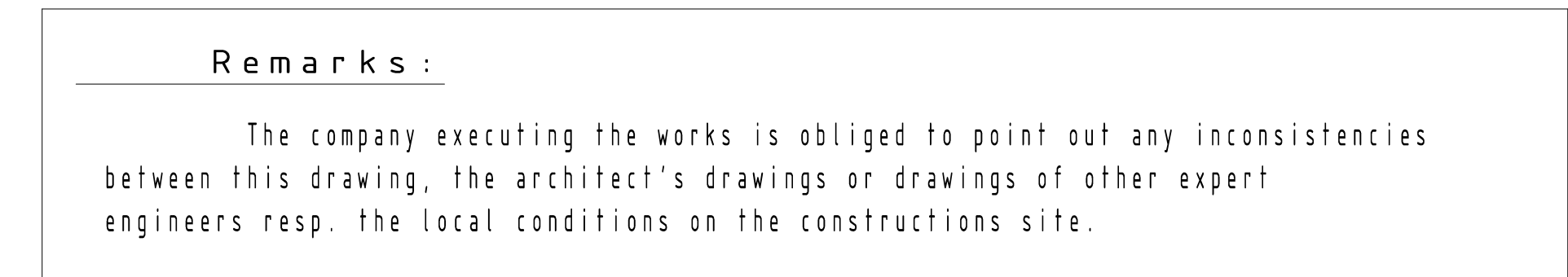
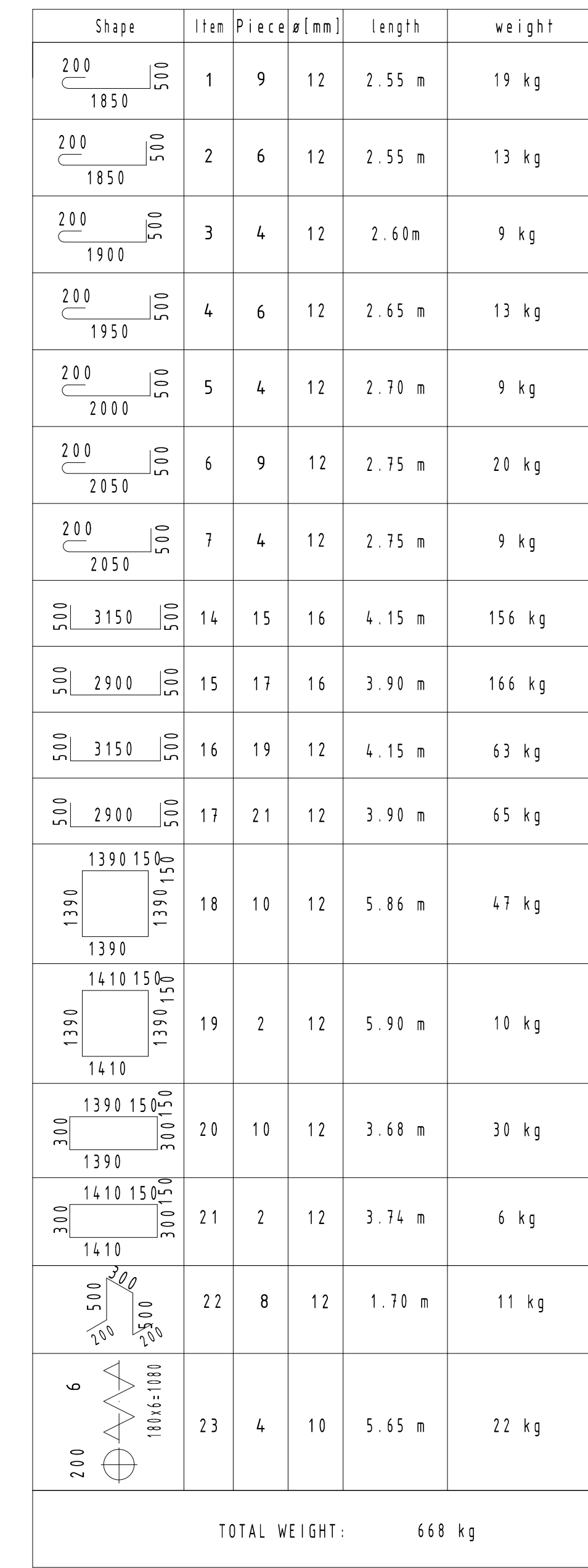
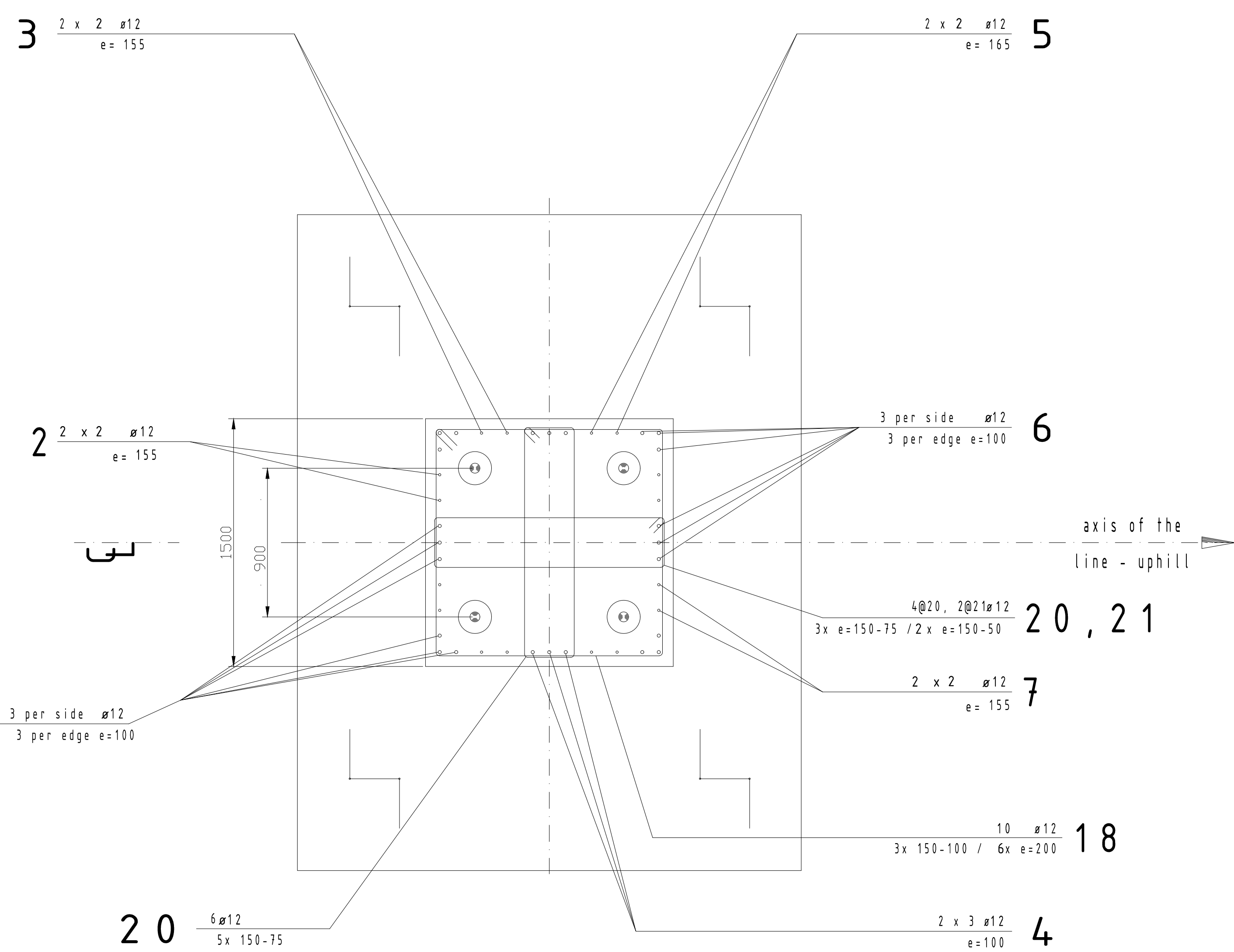
Left Installation 10deg INCLINATION

The foundations must be surveyed in terrain exactly according to the specified CTF heights and lengths.
CTF length: ± 50 mm, CTF height: ± 30 mm, Cross width: ± 20 mm, angle: $\pm 0.5^\circ$;
N.B.: The foundation dimensions are absolute minimum requirements!

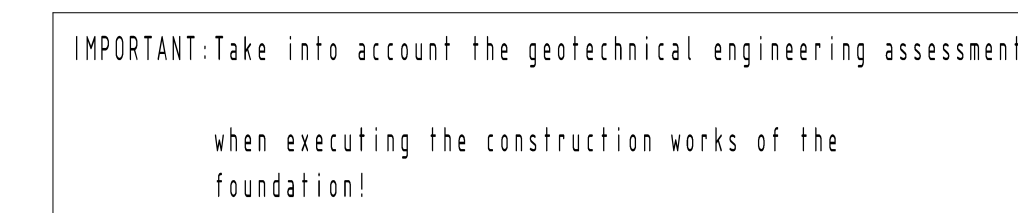
Index		Revision	Date	Name	Classification	Scale	Sheet	Date	10 NO.
 doppelmayr		 Innova Patent GmbH Richard-Strauss-Str. 8-10 80333 München, Germany		0		1:20	1 of 2		
Industrial name: GUTHRIES DOUBLE CHAIR Date: 2020-15		Price: X		Unit: kg		1st name: =Platarts			
TUBULAR TOWER FOUNDATION NO. : 3						Project drawing:		10 NO.	
Shaft length Gauge		9,34m 4,00m		Diameter NO.		2020-15-C-007		Issue: A	
This drawing is a intellectual property of DOPPELMAYR Australia Pty Ltd and must not be copied or utilized in whole or in part, without permission and in subject to return upon request.									

This drawing is intellectual property of GIPPELMAYER Australia Pty Ltd and must not be copied nor utilized in whole or in part without permission.

AC



The drawing is only schematic!
Only the dimensions are applicable!

$$\begin{aligned} V_{\text{column}} &= 3.4 \text{ m}^3 \\ V_{\text{base}} &= 6.1 \text{ m}^3 \\ V_{\text{total}} &= 9.5 \text{ m}^3 \end{aligned}$$


The foundation must be completely back-filled in equal layers on the entire surface below the CTF height.

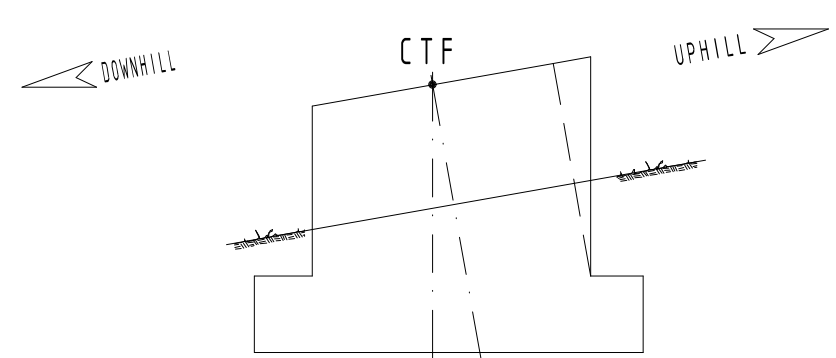
The foundation must be completely back-filled in equal layers on the entire surface below the CTF height.

The backfill load was considered in the calculation.

- specific weight 16 kN/m³

DISTANCE CTF TO GROUND: 480 mm

If the weight of backfill cannot be carried out in the hereby specified size, the load must be applied in a different way (e.g. concrete load)

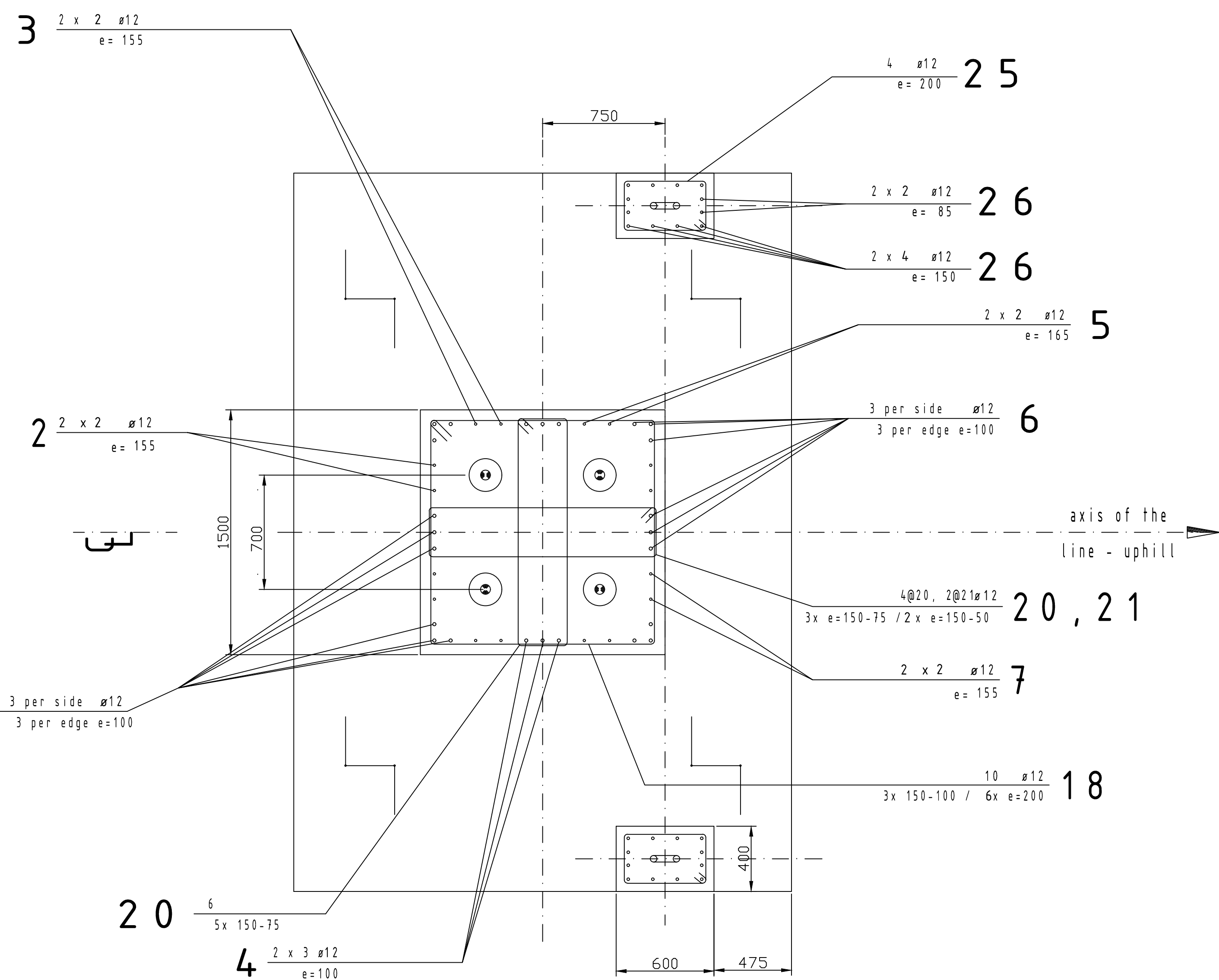


left Installation 10deg INCLINATION

A suitably experienced and qualified engineer is required to inspect the foundation material during construction and verify that an allowable bearing pressure of not less than 200kN/m^2 is achieved.

The foundations must be surveyed in terrain exactly according to the specified CTF heights and lengths
 CTF length: ± 50 mm, CTF height: ± 30 mm, Cross width: ± 20 mm, angle: $\pm 0.5^\circ$;
 N.B.: The foundation dimensions are absolute minimum requirements!

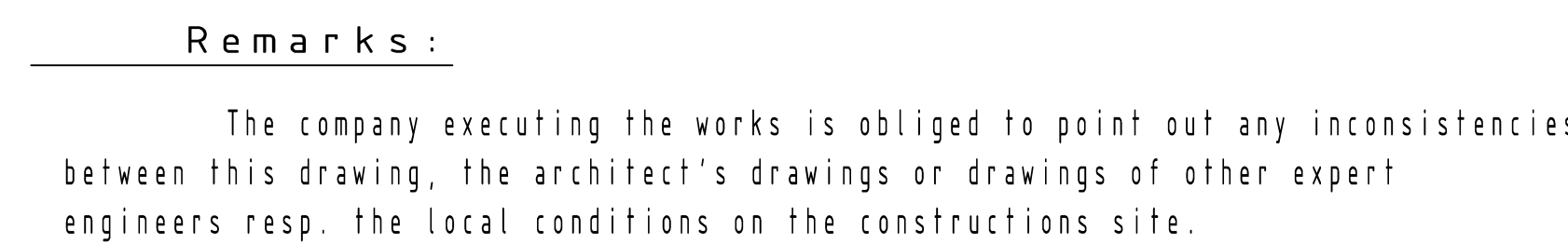
Index		Revision	Date	Name	Configuration	Scale		Date	13.00
 Doppelmayr		Incoea Patent GmbH Incoea Patent AG 4-6861 WOLFFSBRUNNEN		0		$\frac{1}{2 \times 20}$ SECTION A-A	Sheet 0001	2020-10-15	5/1
Industrial	GUTHRIES TOWER CHAR								
Order:	2020-15		Price:	X		kg	First prices $= \text{Plofar} \cdot z$		
TUBULAR TOWER FOUNDATION NO. : 4									
Shaft length		10.79m				Original drawing in		13.00	
Gauge		4.00m				DRAWING NO.		ind. A	
						2020-15-C-008			
This drawing is intellectual property of DOPPELMAYR Australia Pty Ltd and may not be copied nor utilised in whole or in part without permission and is subject to return upon request									



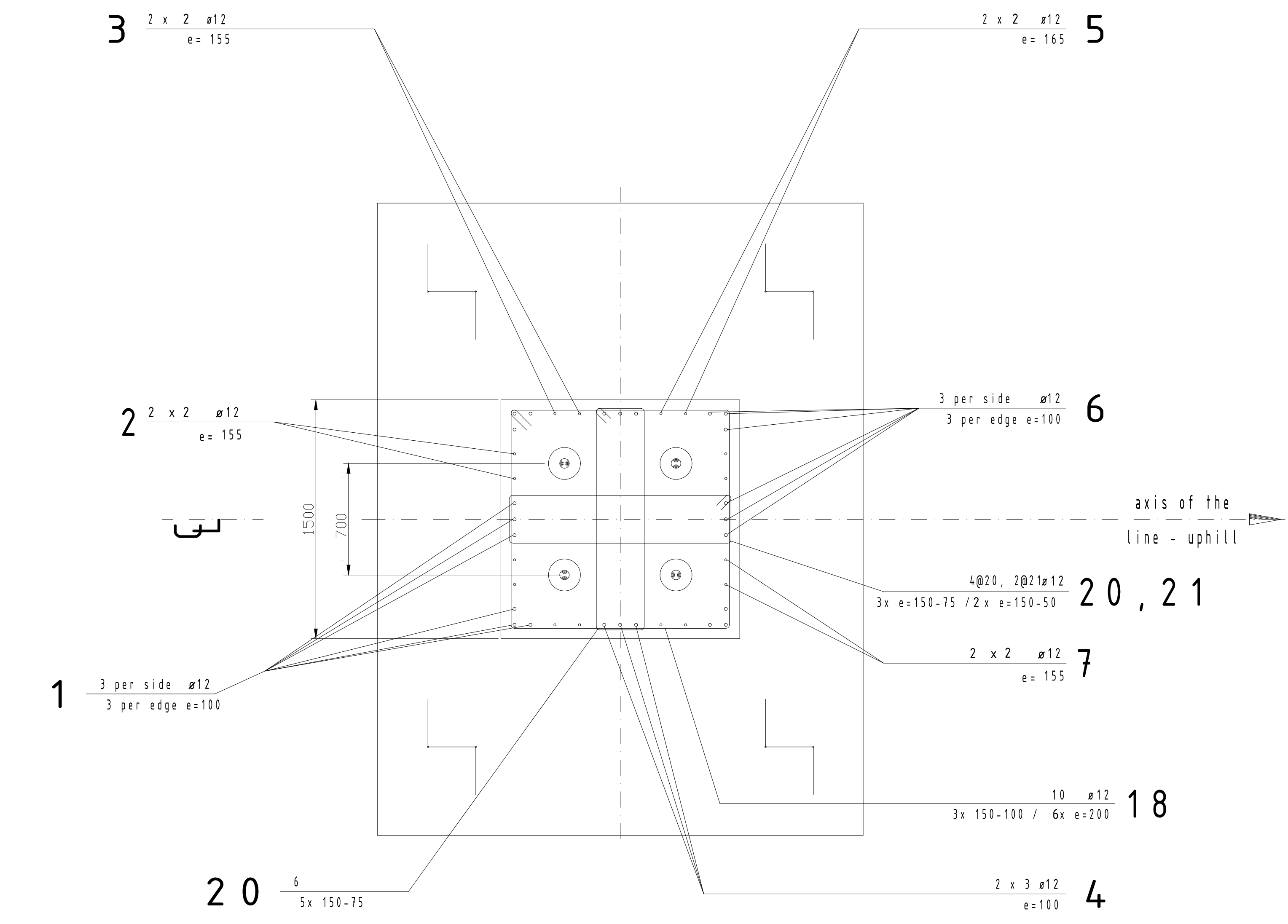
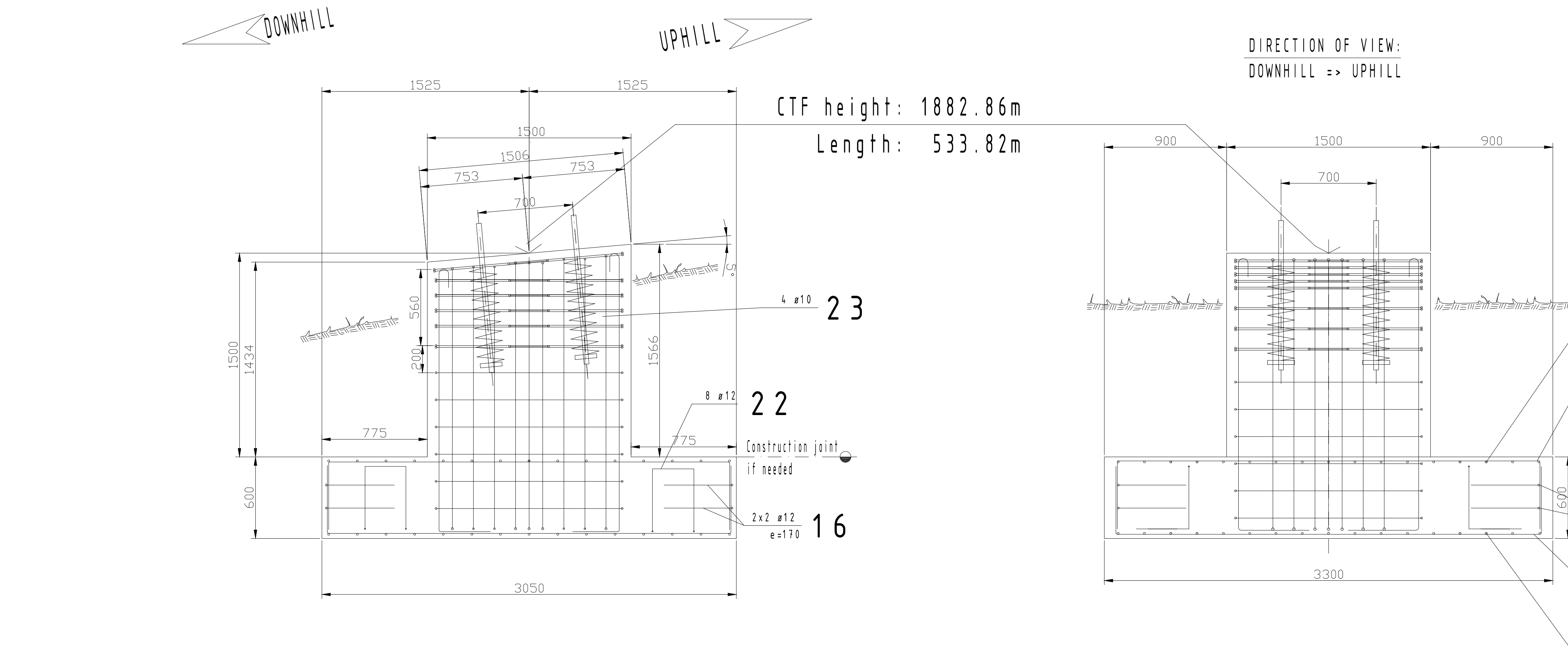
A suitably experienced and qualified engineer is required to inspect the foundation material during construction and verify that an allowable bearing pressure of not less than 200kN/m^2 is achieved.

IMPORTANT:
The drawing is only schematic!
Only the dimensions are applicable!

The diagram illustrates three types of terrain corrections. On the left, a cross-section labeled 'FILL' shows a sloped area with vertical hatching. In the center, the text 'TERRAIN CORRECTIONS' is written above '(SEE PROFILE)'. On the right, a cross-section labeled 'EXCAVATION' shows a sloped area with horizontal hatching.

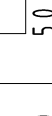
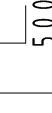
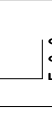
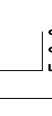
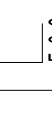
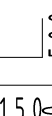
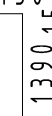
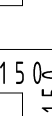
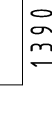
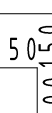
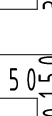
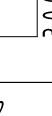
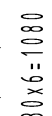
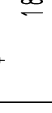


Code	Revision	Date	Name	Configuration	Date	Name
100			0			
Hörsing Dörmelmayr		Hörsing Dörmelmayr, B-70 A-1000 WOLFGANGSTRAßE		Scale	1:1	Sheet
Product name		GUTHRIES DOUBLE CHAR		Unit	kg	Part number
Drawing		1020-15		Price	X	Material
TUBULAR TOWER FOUNDATION NO. : 5		Shaft length 7.45m Gauge 4.50m		2020-15-10-009		



ATTENTION:

A suitably experienced and qualified engineer is required to inspect the foundation material during construction and verify that an allowable bearing pressure of not less than 200kN/m² is achieved.

Shape	Item	Piece	l[mm]	length	weight				
	200	1	9	12	2.60 m				
	1900	500			19 kg				
	200	2	6	12	2.60 m				
	1900	500			13 kg				
	200	3	4	12	2.62 m				
	1920	500			9 kg				
	200	4	6	12	2.65 m				
	1950	500			13 kg				
	200	5	4	12	2.67 m				
	1970	500			9 kg				
	200	6	9	12	2.70 m				
	2000	500			20 kg				
	200	7	4	12	2.70 m				
	2000	500			9 kg				
	500	3150	500	14	15	16	4.15 m		
	500	2900	500	15	17	16	3.90 m		
	500	3150	500	16	19	12	4.15 m		
	500	2900	500	17	21	12	3.90 m		
	1390	1500	1390	1500	18	11	12	5.86 m	
	1390	1410	1500	1390	1500	19	1	12	5.90 m
	1390	1410	1500	1390	1500	20	11	12	3.68 m
	1390	1410	1500	1390	1500	21	1	12	3.74 m
	200	500	200	500	22	8	12	1.70 m	
	200	6	23	4	10	5.65 m			28 kg
TOTAL WEIGHT:					668 kg				

Instructions f. bending of hooks 90°:

Representation of bending form:

Intructions f. bending:

X...standard hook length
B...width of hook
H...height of hook

Design bent hooks as standard hooks

Instr. f. bending of struct. steel S50 as per ÖNORM EN1992-1-1, 8.3:

End hook: Bent hook 150°: Bent hook 90°: Loop:

Bends, end hooks, bent hooks and loops on bars with: ds≤16mm.....D≥4ds
ds≥20mm.....D≥7ds

Bending up: Hook addition: Bending around a bar of at least the same thickness: Sling:

Bending of bars with ds≤12mm that enfold a bar of at least the same thickness.....D≥/≥3ds.

Concrete grade: N32 Min. cube compressive strength 28 days: 32 N/mm² frost-resistant, max. ag size 20mm

REINFORCEMENT: Ribbed concrete steel, yield point 500N/mm² - 500plus

In case of transversal ground slopes, use lean concrete down to frost-proof depth.

MAXIM. EXISTING CONTACT PRESSURE: 200 kN/m²

In case of inadequate or difficult soil conditions, e.g. clay or sliding ground, a specialist for soil mechanics is to be consulted. Leave construction joint surfaces and inner surfaces rough

All elevations have to be checked on site!
Minimum concrete cover 50mm base and 32mm columns
All exposed corners to have a 20mmx20mm chamfer
All dimensions in mm do not scale.

Remarks:

The company executing the works is obliged to point out any inconsistencies between this drawing, the architect's drawings or drawings of other expert engineers resp. the local conditions on the constructions site.

IMPORTANT:

The drawing is only schematic!
Only the dimensions are applicable!

Vcolumn= 3.4 m³
Vbase= 6.1 m³
Vtotal=9.5 m³



IMPORTANT:Take into account the geotechnical engineering assessment

when executing the construction works of the foundation!

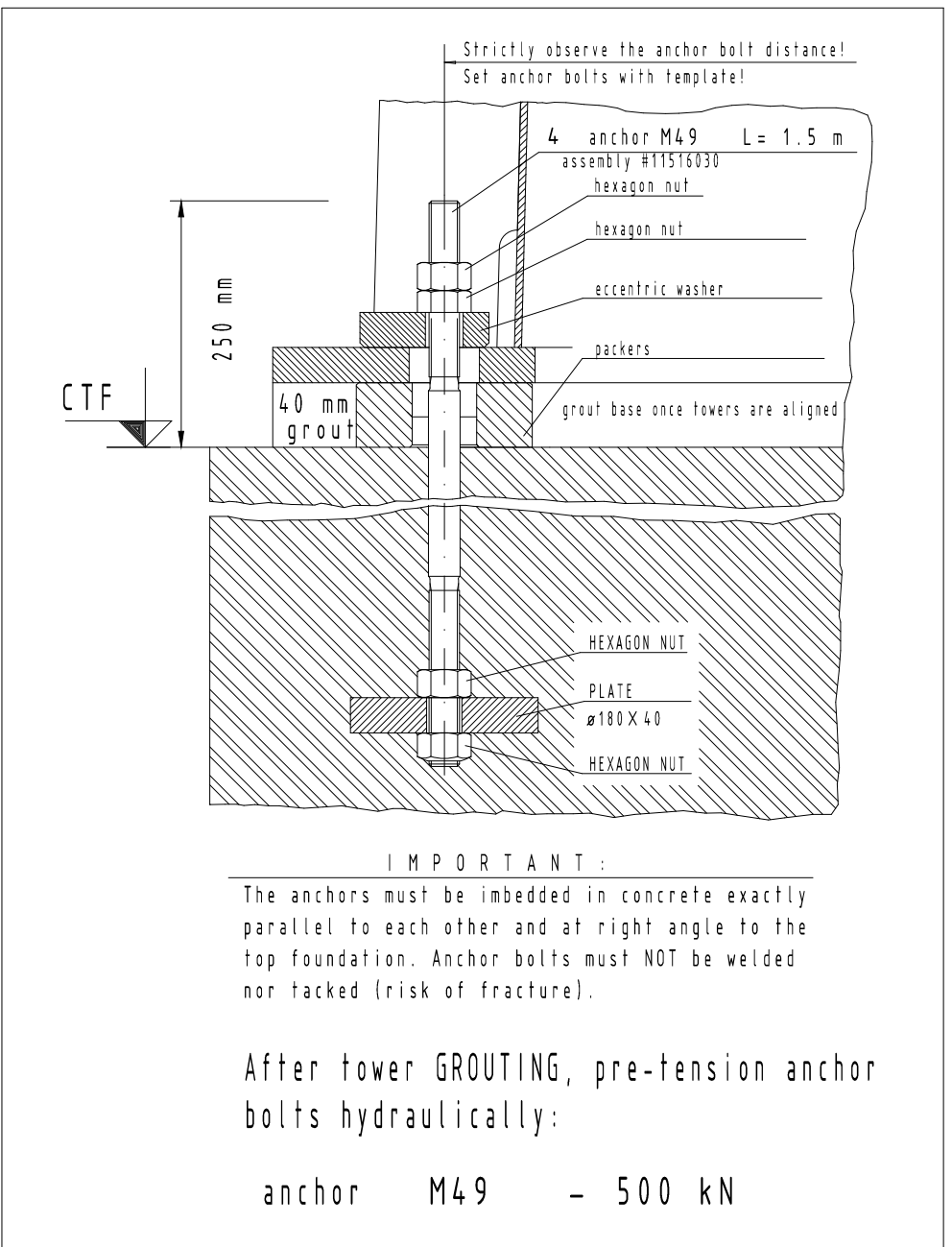
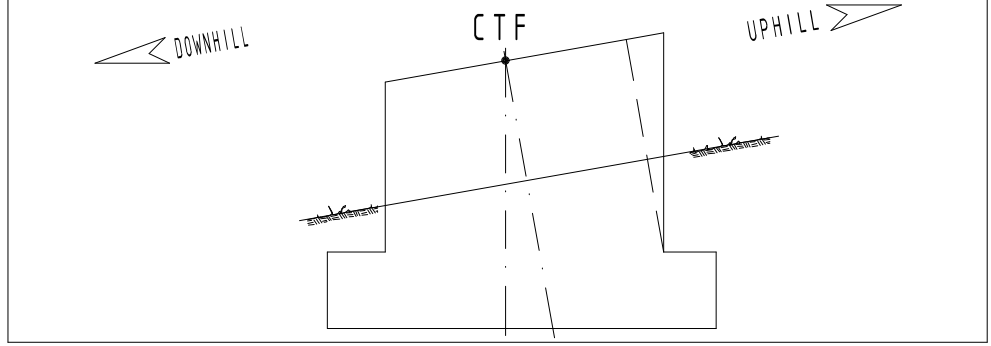
ENSURE FOUNDATION HAS EARTH BONDING

The foundation must be completely back-filled in equal layers on the entire surface below the CTF height.

The backfill load was considered - [specific weight 16 kN/m³] in the calculation.

DISTANCE CTF TO GROUND: 470 mm

If the weight of backfill cannot be carried out in the hereby specified size, the load must be applied in a different way (e.g. concrete load)

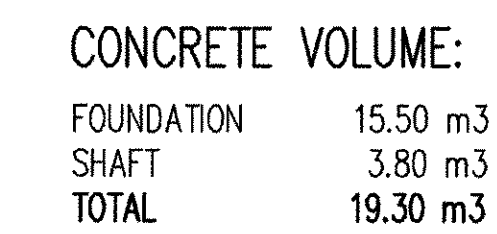
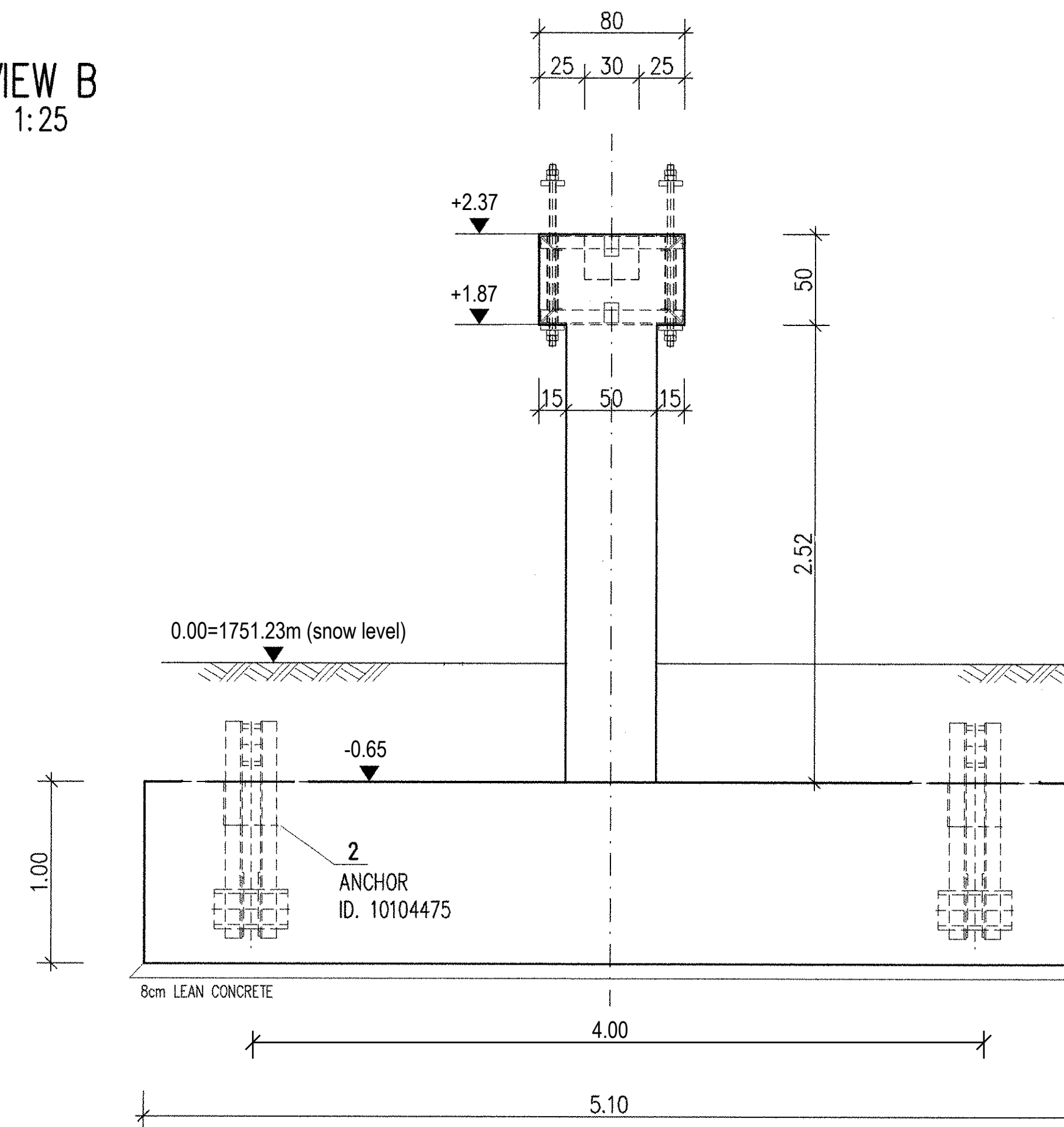
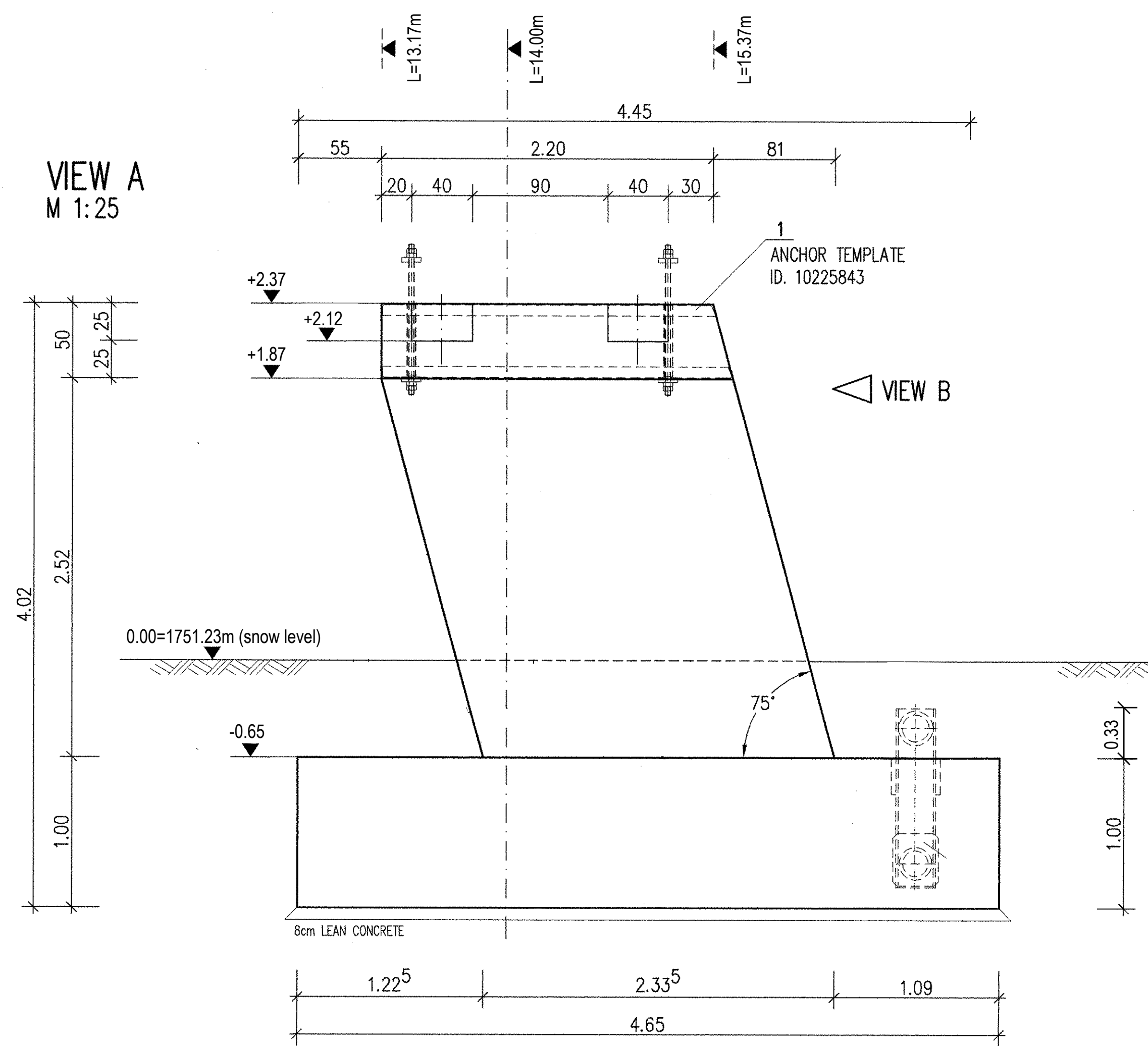


4 anchor M49 delivery
+ template for concrete work Doppelmayr

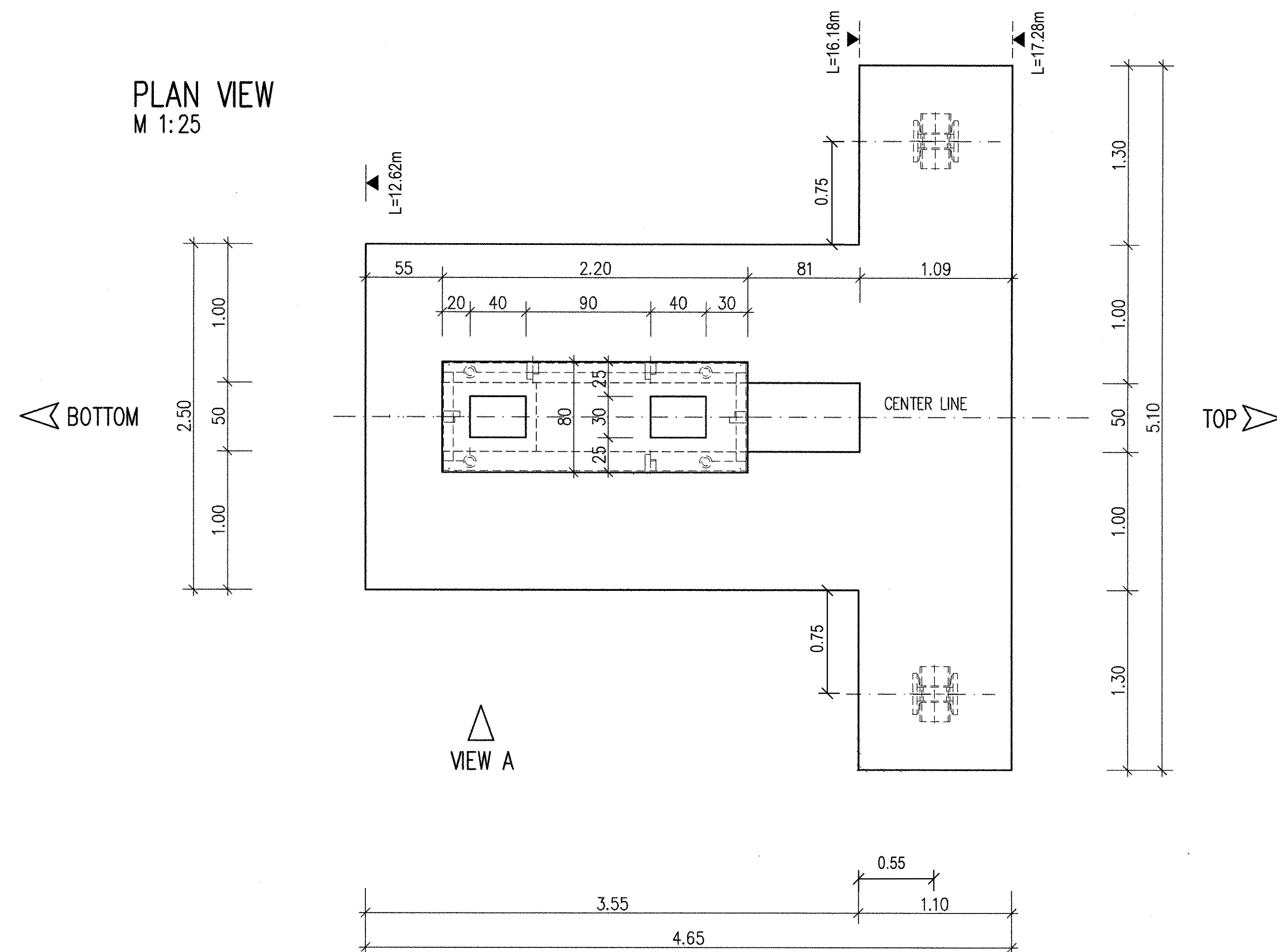
Left Installation 5deg INCLINATION

The foundations must be surveyed in terrain exactly according to the specified CTF heights and lengths.
CTF height = 1882 m, CTF width = 18 m, cross width = 20 mm, angle = 0.9°
NB: The foundation dimensions are absolute minimum requirements!

Index	Revision	Date	Name	Configuration	Scale	Blank	Date	Name	TS NO.
0					1/20		24/09/2020		501
Institution: GUTHRIES DOUBLE CHAR					Price	X	kg	First sheets	
Order: 2020-15					Price	X	kg	=Plots	
TUBULAR TOWER FOUNDATION NO.: 7					Project drawings				
Shaft length 8.44m					Sheet No.				
Gauge 3.17m					2020-15-C-011				
This drawing is intellectual property of DOPPELMAYR Australia Pty Ltd and must not be copied nor utilized in whole or in part without permission and is subject to return upon request.									



DIMENSIONS IN [cm, m]



REVISION:	DESCRIPTION:	DRAWN:	DATE:
Doppelmayer Australia Pty Ltd. 57 Lee Avenue Jindabyne NSW 2627 Ph. (02) 6456 2385, email: info@doppelmayer.com.au			
This drawing is intellectual property of Doppelmayer.			
PROJECT: GUTHRIES			
PARTS: BOTTOM FOUNDATION LAYOUT	TYPE: FORMWORK DRAWING	DRAWN: ST	
		CHECKED:	
		RELEASED:	
		SCALE: 1:25	
SIZE: A2	FILE:	PLAN-NR.: 2020-15-C-001 DATE: 23/09/20	

VIEW A
M 1:25

VIEW B
M 1:25

PLAN VIEW SHAFT
M 1:25

PLAN VIEW FOUNDATION
M 1:25

BENDING LIST Reinforcing steel : TEMPCORE 500 PLUS

Pos.	Num.	d	Length	D12	D14	D16	D20
1	28	20	6.35				163.10
2	28	20	2.80				78.40
3	36	20	4.10				147.60
4	14	20	6.70				93.80
5	6	14	2.35		14.10		
6	19	16	2.48			47.12	
7	4	14	3.15		12.60		
8	8	16	2.70			21.60	
9	8	14	1.75		14.00		
10	8	14	4.93		38.64		
11	4	14	5.75		23.00		
12	32	16	1.20			73.60	
13	20	12	1.20	24.00			
14	20	14	2.34		58.80		
15	18	16	5.86			105.48	
16	5	16	4.50			22.50	
17	5	16	4.32			22.60	
18	16	16	5.08			81.28	
19	12	16	4.53			54.36	
20	12	14	1.53		18.36		
21	22	14	1.74		38.28		
22	4	14	1.29		5.16		
23	4	14	1.63		6.52		
24	4	14	2.24		8.96		
25	10	14	2.10		21.00		
26	2	14	4.40		8.80		
27	4	14	2.22		8.88		
28	6	14	2.22		13.32		
29	12	14	2.35		28.20		
30	8	14	0.72		5.76		
Total length				24.00	324.38	428.54	484.90
kg / m				D12 0.888	D14 1.210	D16 1.580	D20 2.470
kg / d				21.312	392.500	677.093	1197.703
Total weight				2288.608 kg			

CONNECTION BARS Ø8/15 FOR CABLE DRAW PIT HAVE TO BE CONSIDERED

- THIS DRAWING TO BE READ IN CONNECTION WITH LAYOUT 2020-12-C-02
- MAXIMUM DESIGN BEARING PRESSURE =200 KPA
- ENSURE GEOTECHNICAL REPORT IS FOLLOWED
- USE CHAMFERS FOR ALL CONCRETE EDGES ABOVE GROUND

CONCRETE

- MIN. CONCRETE STRENGTH 32 MPA
- MAXIMUM AGGREGATE SIZE 32MM

STEEL TEMPCORE 500 PLUS

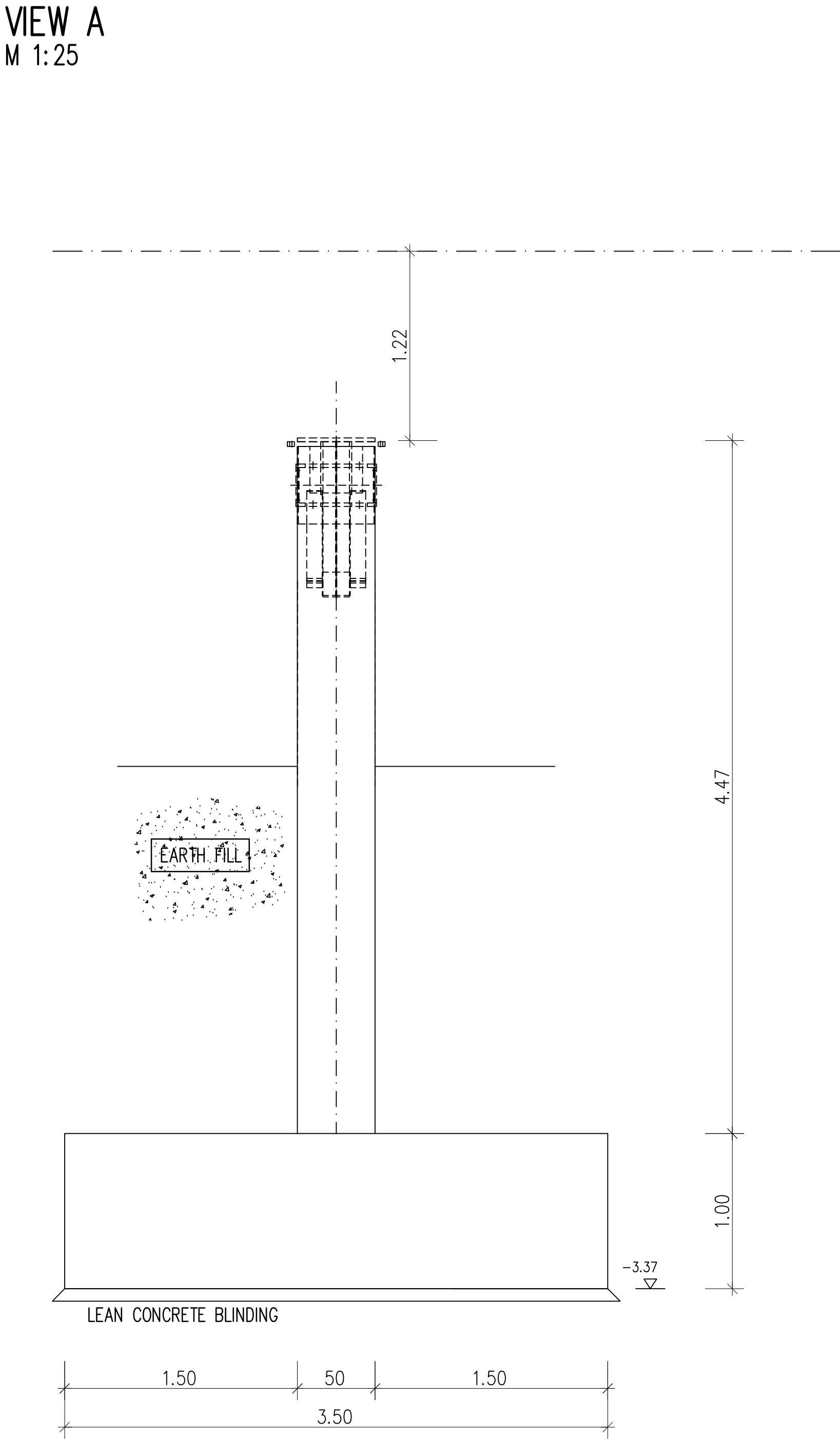
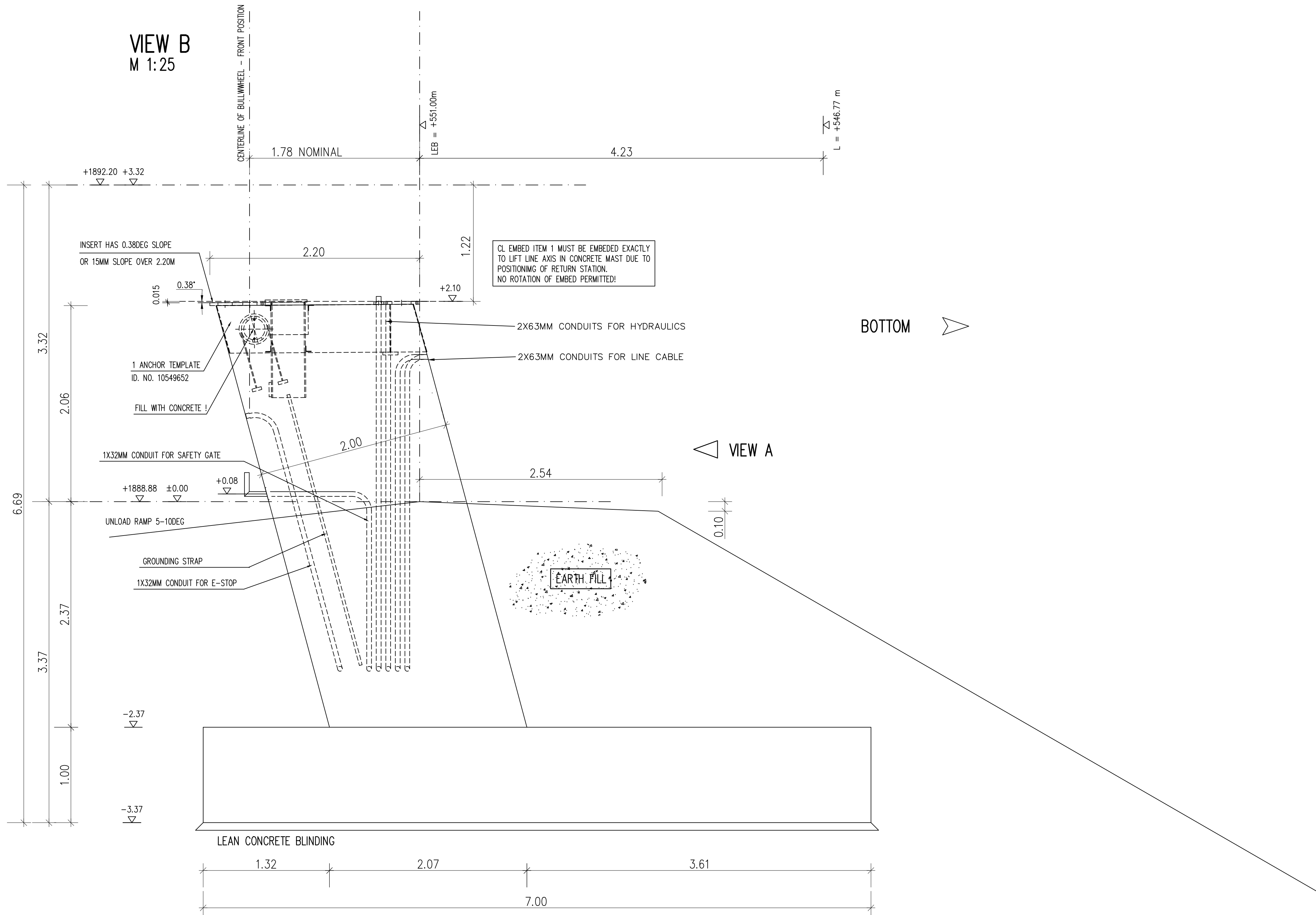
- RIBBED BARS, YIELD STRENGTH: 500 N/mm2

- CONCRETE COVER TO RE-BARS: FOUNDATION 5.0cm, SHAFT 3.0cm

TOLERANCES

- HORIZ. LENGTH: ± 2.0 cm
- FOUNDATION LEVELS: ± 1.0 cm
- SURVEYED AXIS: ± 1.0 cm

REVISION:	DESCRIPTION:	DRAWN:	DATE:
Doppelmayr Australia Pty Ltd. 57 Lee Avenue Jindabyne NSW 2627 Ph. (02) 6456 2385, email: info@doppelmayr.com.au			
This drawing is intellectual property of Doppelmayr.			
PROJECT: GUTHRIES			
PARTS:	BOTTOM FOUNDATION LAYOUT	DRAWN: ST	
		CHECKED:	
		RELEASED:	
		SCALE: 1:25	
TYPE: REINFORCEMENT DRAWING	PLAN-NR.: 2020-15-C-002		DATE: 23/09/20
SIZE: A2	FILE:		



THE GEOTECHNICAL REPORT IS TO BE NOTED!
AFTER EXCAVATION THE EXISTING SOIL CONDITIONS HAVE TO BE
CHECKED BY AN ENGINEER!

CONCRETE VOLUME:

FOUNDATION	24.5 m3
SHAFT	4.0 m3
TOTAL	28.5 m3

DIMENSIONS IN [cm, m]

±0.00 = 1888.88m (LEVEL OF UNLOADING)

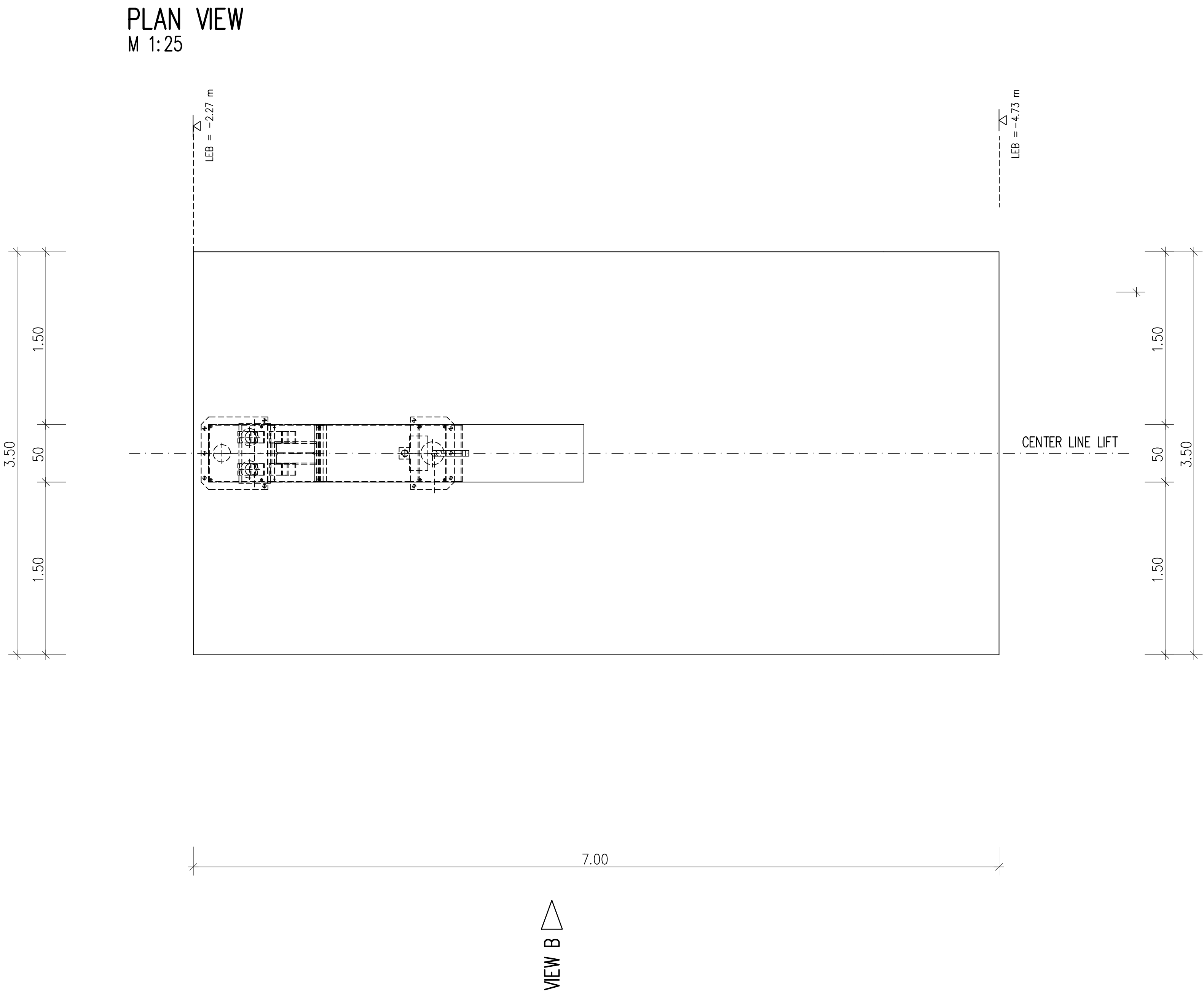
- THIS DRAWING IS ONLY VALID IN CONNECTION WITH LAYOUT
DRAWING NO.: DRAW-NO
- MAX. OCCURRING SOIL PRESSURE: 200KN/M2
- SOIL CONDITIONS TO BE INSPECTED BY AN ENGINEER
- DIMENSIONS TO BE CHECKED
- USE CHAMFERS FOR ALL CONCRETE EDGES ABOVE GROUND

CONCRETE
- MINIMUM COMPRESSIVE STRENGTH 32MPA
- FROST RESISTENT, MAX. PELLET SIZE: 25mm (SHAFT: 14mm)

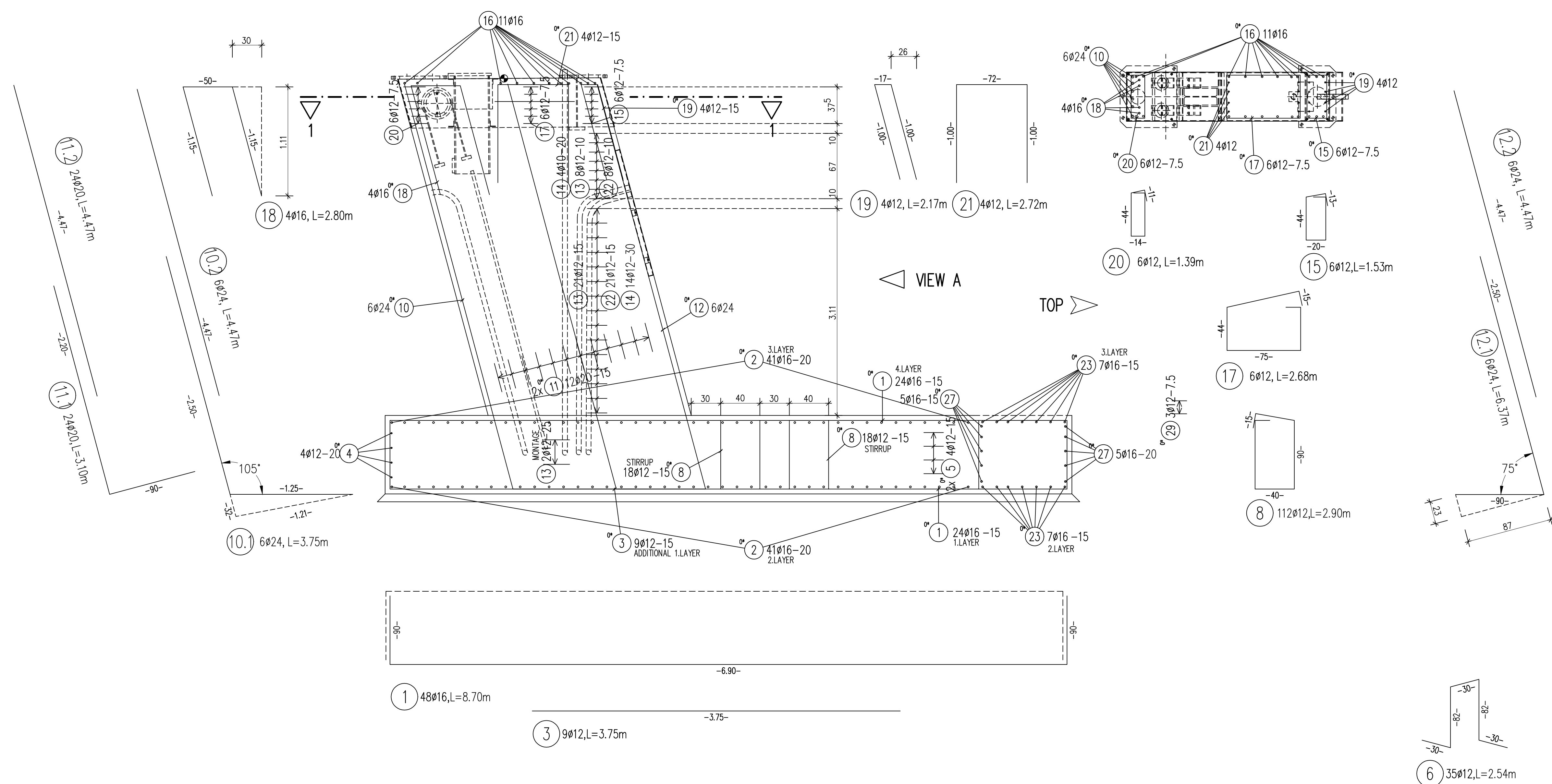
STEEL
- RIBBED BARS, YIELD STRENGTH: 500PLUS
- CONCRETE COVER TO RE-BARS: COVER

TOLERANCES
- HORIZ. LENGTH: ± 20mm
- FOUNDATION LEVELS: ± 10mm
- SURVEYED AXIS: ± 10mm

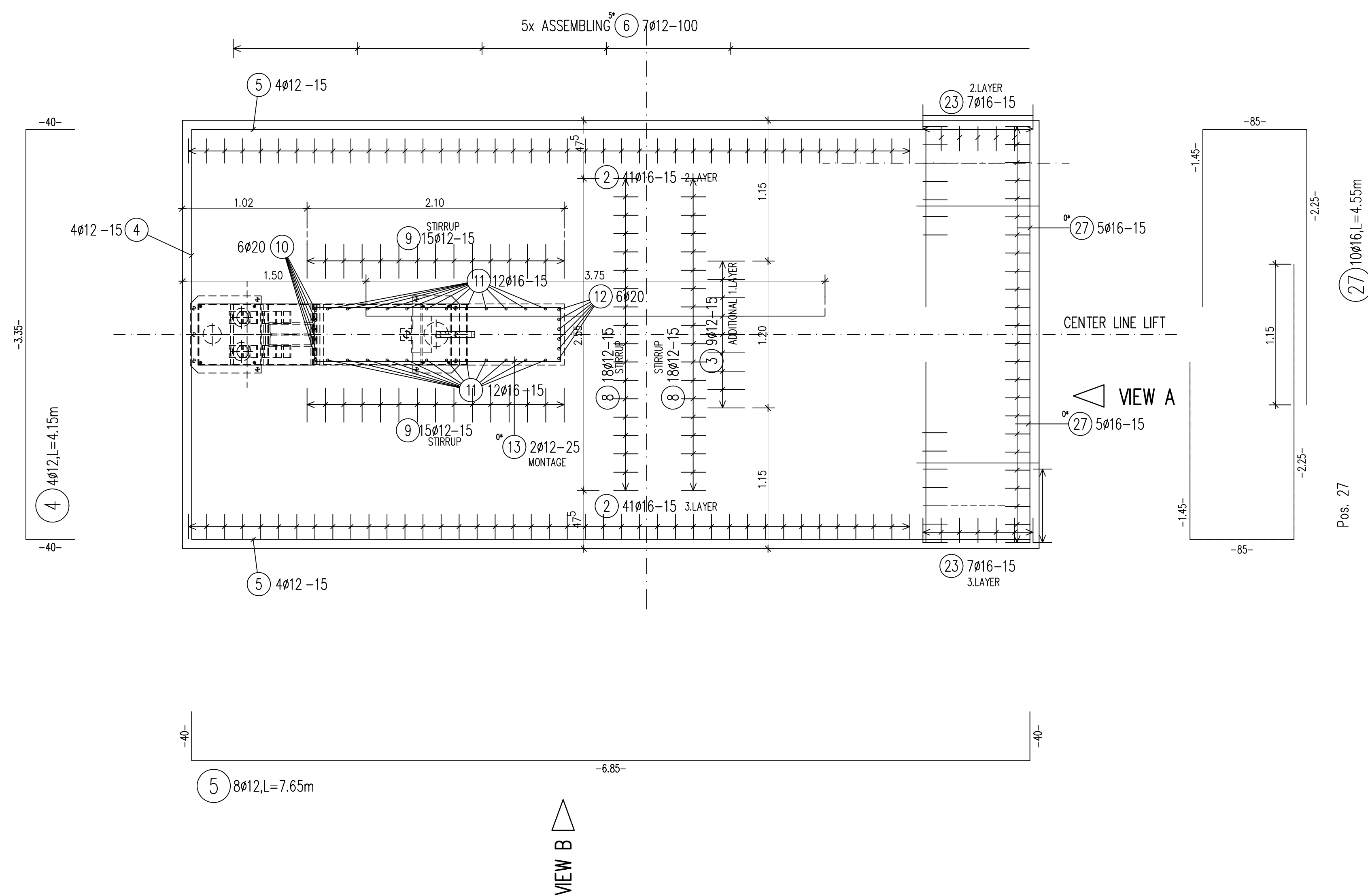
REVISION:	AENDREZ	AENDERST	AENDDAT
DESCRIPTION:		DRAWN:	DATE:
DOPPELMAYR AUSTRALIA PTY LTD. 57 LEE AVENUE JINDABYNE NSW 2627 PH. 02 6456 2385, Email: info@doppelmayr.com.au			
THIS DRAWING IS INTELLECTUAL PROPERTY OF DOPPELMAYR			
PROJECT: GUTHRIES			
	PARTS:	DRAWN:	SHT
	2020-15 TOP STATION FOUNDATION FORMWORK GUTHRIES	CHECKED:	
		RELEASED:	
		SCALE:	NTS
	TYPE:	PLAN-NR.:	2020-15-C-003
	FORMWORK		
SIZE:	FILE:	DATE:	30/09/2020



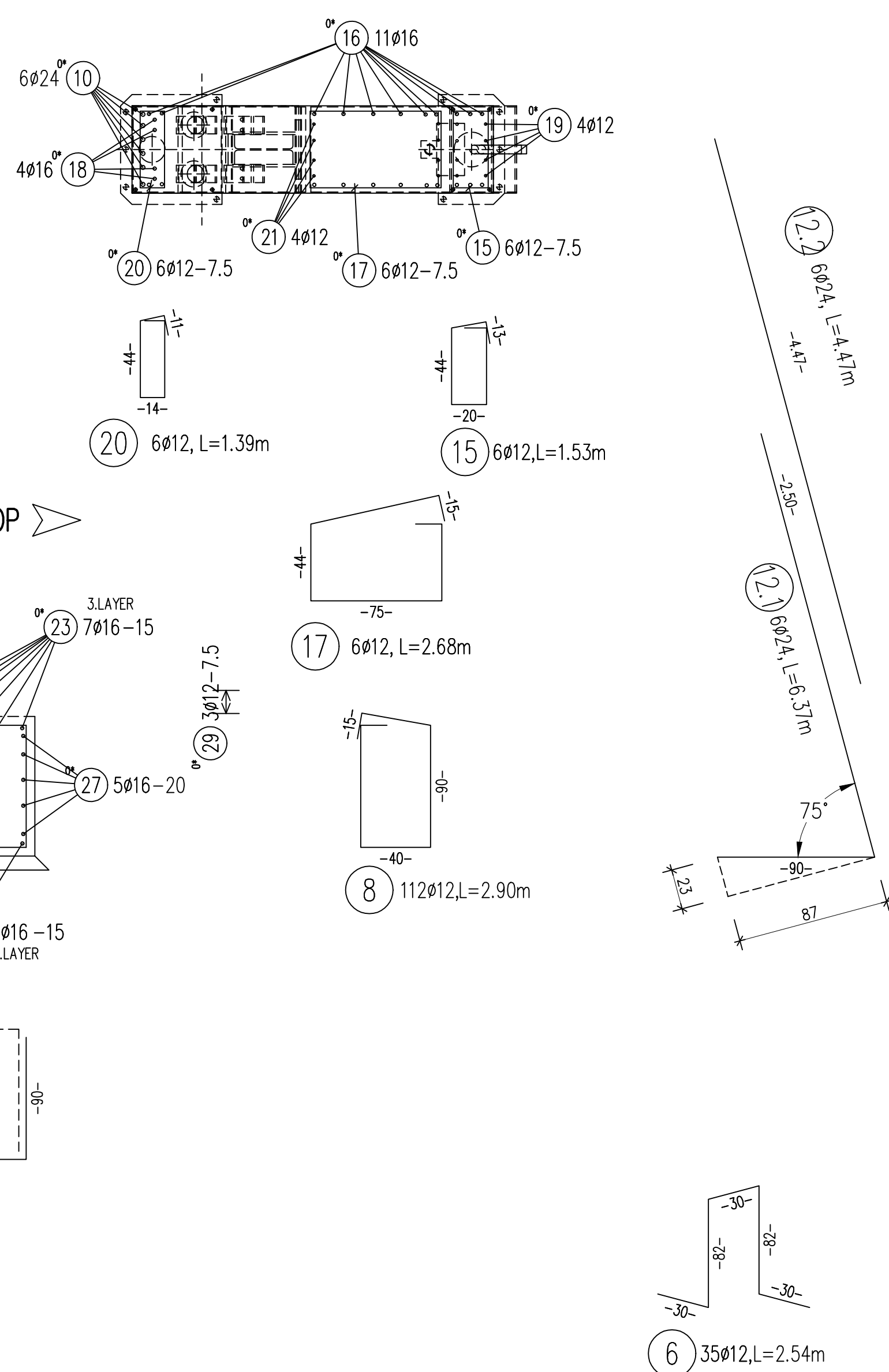
VIEW B
M 1:25



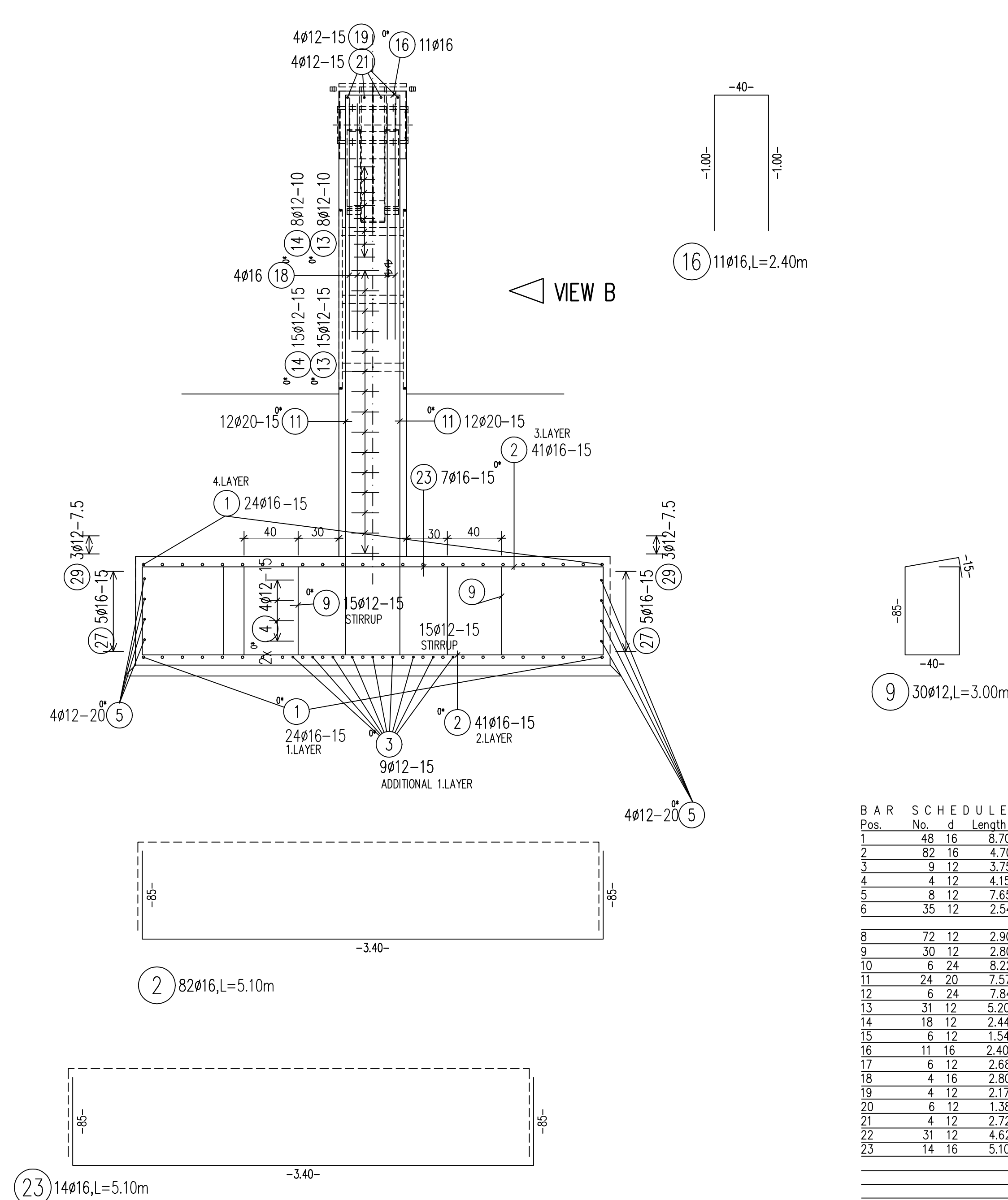
PLAN VIEW FOUNDATION
M 1:25



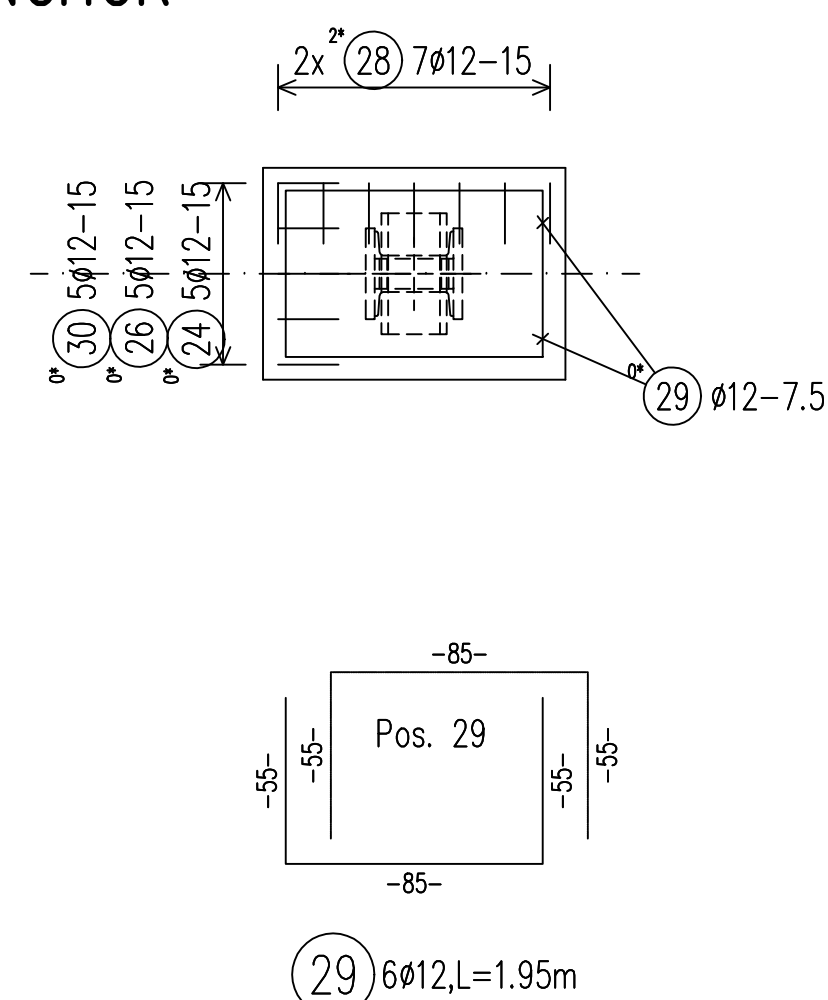
SECTION 1-1
M 1:25



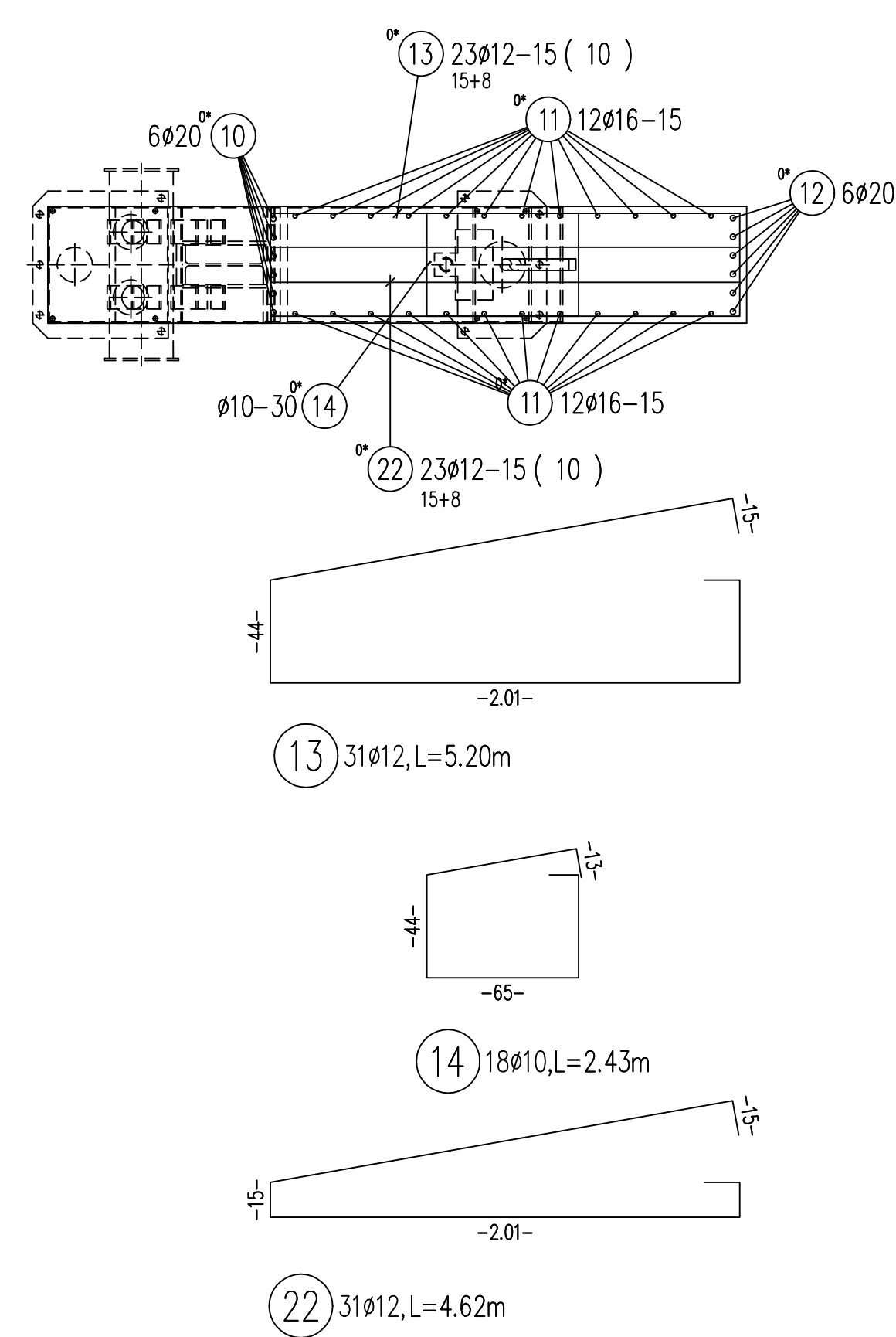
VIEW A
M 1:25



SECTION ANCHOR
M 1:25



PLAN VIEW SHAFT
M 1:25



B A R S C H E D U L E			Steelgrade:	BST 500			
Pos.	No. d	Length	D10	D12	D16	D20	D24
1	48	16	8.70				
2	62	16	4.70		676		
3	9	12	3.75	33			
4	4	12	4.15	16			
5	8	12	7.65	56			
6	35	12	2.54	80			
8	72	12	2.90	190			
9	30	12	2.80	77			
10	6	14	8.22				179
11	24	20	7.57			459	
12	6	24	7.84				171
13	37	12	5.20	146			
14	18	12	2.44	40			
15	6	12	1.54	9			
16	11	16	2.40		43		
17	6	12	2.68	15			
18	4	16	2.80		18		
19	4	12	7.17	8			
20	6	12	1.38				
21	4	12	2.72	10			
22	31	12	4.62	130			
23	14	16	5.10		115		
27	10	16	4.55			74	
29	6	12	1.95	11			
Total weight (kg)			3226				

DIMENSIONS IN [cm, m]

$\pm 0.00 = 1888.88\text{m}$ (LEVEL OF UNLOADING)

- MAX. OCCURRING SOIL PRESSURE: 200KN/M2
- FOUNDATION MATERIAL NEEDS TO BE CHECKED BY AN ENGINEER
- DIMENSIONS TO BE CHECKED
- USE CHAMFERS FOR ALL CONCRETE EDGES ABOVE GROUND

CONCRETE

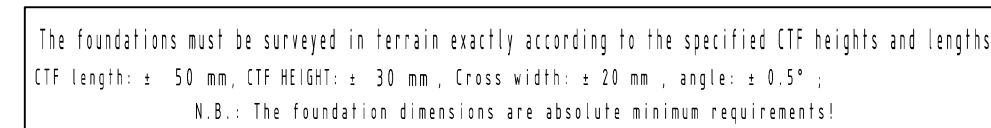
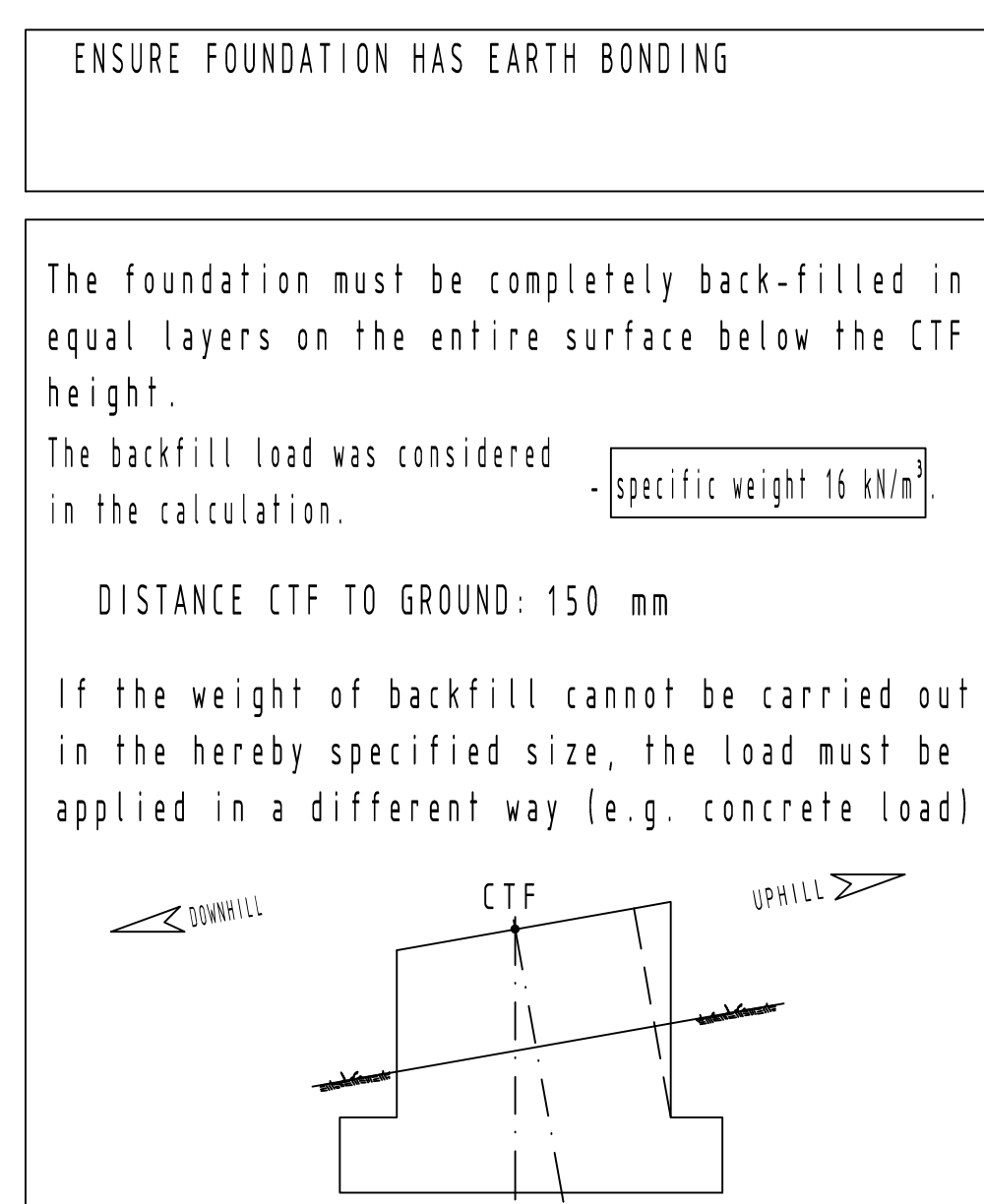
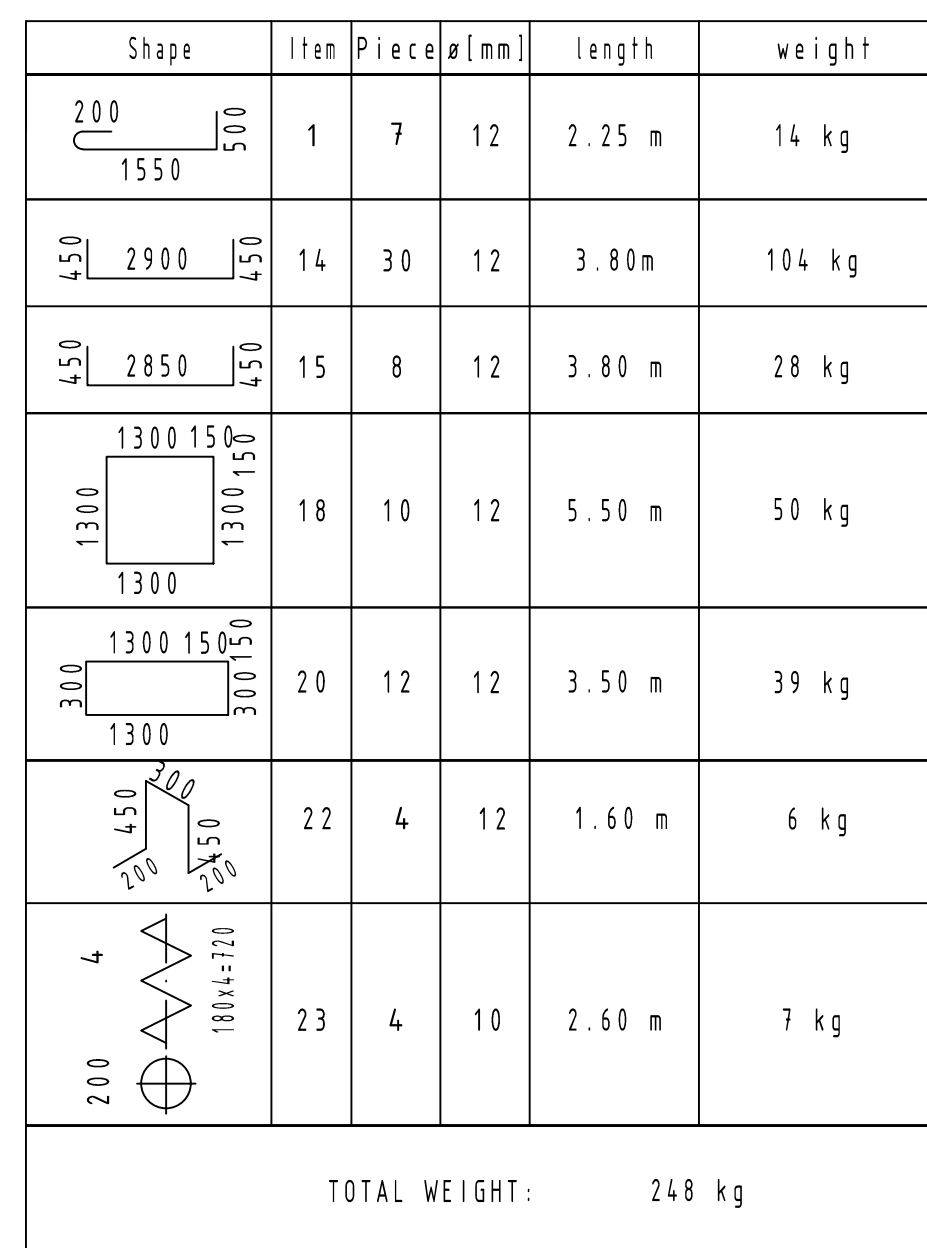
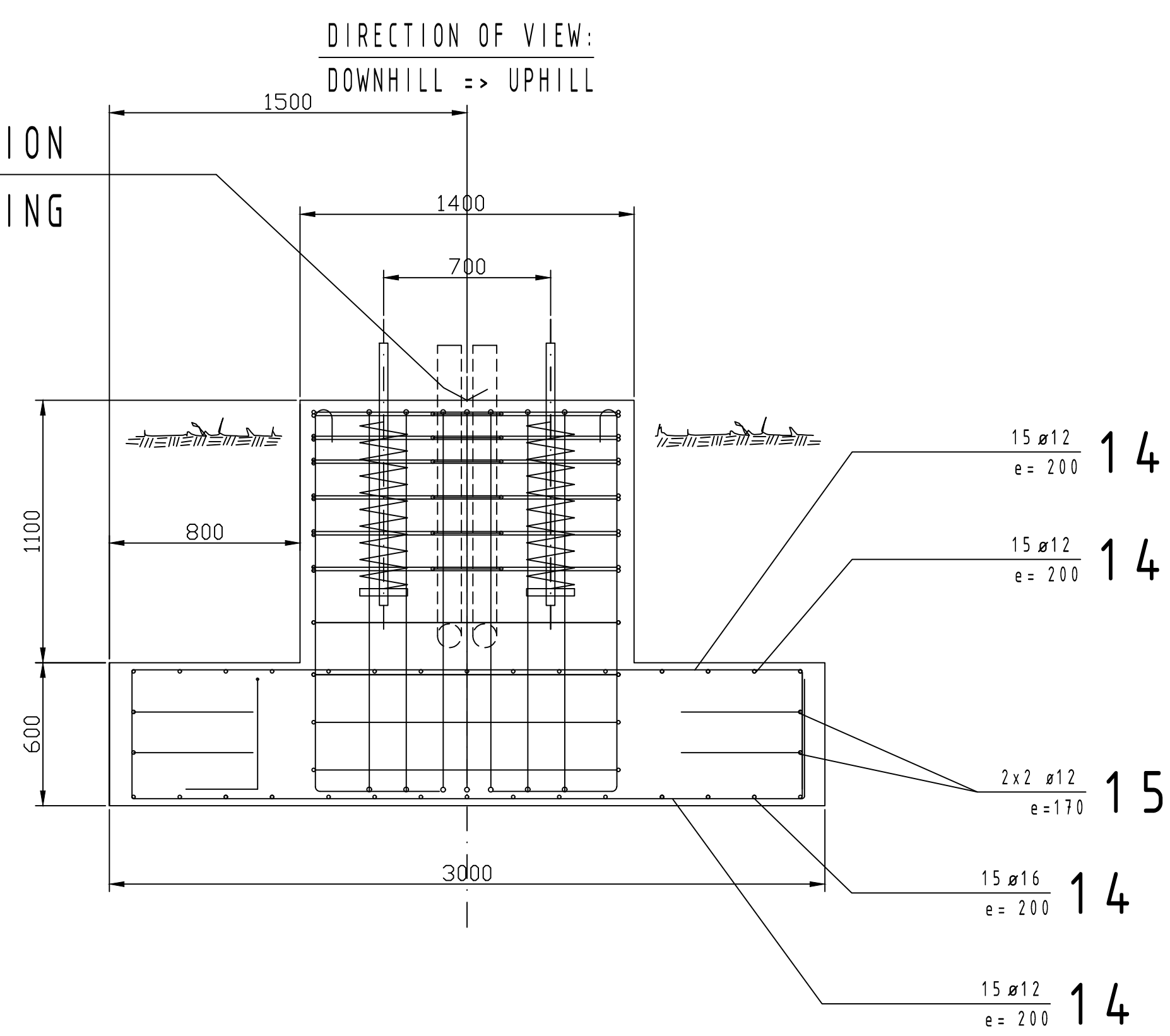
- MINIMUM COMPRESSIVE STRENGTH 32MPA
- FROST RESISTENT, MAX. PELLET SIZE: 32mm (SHAFT: 22mm)

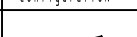
STEEL	
- RIBBED BARS, YIELD STRENGTH:	TEMPCORE500+
- CONCRETE COVER TO RE-BARS:	50MM,BASE,30MM

TOLERANCES

- HORIZ. LENGTH: ± 2.0 cm
- FOUNDATION LEVELS: ± 1.0 cm
- SURVEYED AXIS: ± 1.0 cm

		AENDREZ		AENDERST		AENDDAT	
REVISION:		DESCRIPTION:		DRAWN:		DATE:	
DOPPELMAYR AUSTRALIA PTY LTD. 57 LEE AVENUE JINDABYNE NSW 2627 PH. 02 6456 2385, Email: info@doppelmayr.com.au							
THIS DRAWING IS INTELLECTUAL PROPERTY OF DOPPELMAYR							
PROJECT:		GUTHRIES					
		PARTS: 2020-15 TOP STATION FOUNDATION REINFORCEMENT GUTHRIES				DRAWN:	
						GHT	
						CHECKED:	
						RELEASED:	
		TYPE:				SCALE:	
						NTS	
						PLAN-NR.:	
						2020-15-C-004	
SIZE:	BL	FILE:					DATE:
							01/10/2020



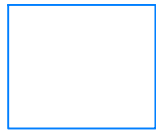
Order Number		Date	Name	Configuration	Scale		ID No.	
 Doppelmayr		Intense Planting GmbH Pöchlacherstr. 8-10 A-6060 WOLFFSBRUNNEN	0-1:15		Scale 1:20	Date 2020/10/20	Scale 1:1	ID No. 537
Description OPERATOR ROOM FOUNDATION 2020-15					Price _____ X	Scale 1:20	Date 2020/10/20	
OPERATOR ROOM FOUNDATION OPERATOR ROOM SIZE 3.25X3.0m					Weight kg	Notes =Plots 2		
Project Drawing					ID No.			
2020-15-C-012					A			

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AC



1-2 excavator movements +
Side/side ATV



Excavation/Laydown area



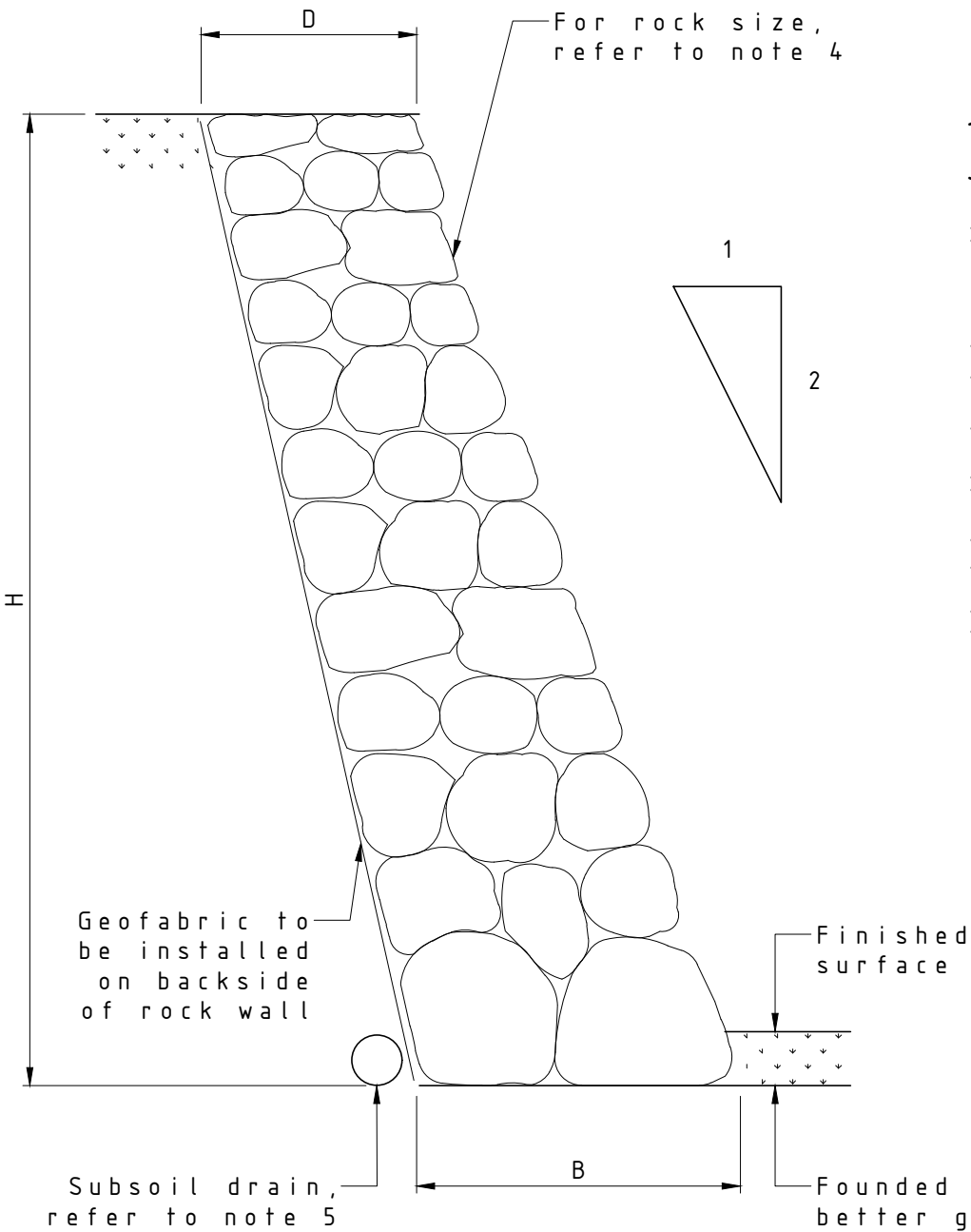
Guthega Skink Location 4m diameter

Drawing Title:		Drawn:	Date:	Scale:	Third Angle Projection		
GUTHRIES_LAYOUT		DAMIAN	15.03.2021				
		Checked:	Date:	Material:			
		SHAUN	15.03.2021				
		Approved:	Date:	Finish:			
Project:		APPROVED_BY		APPROVED_DATE			
GUTHRIES		Sub Project:		Project No-Drawing No:	Sheet:	Revision:	
LAYOUT_ACCESS		2020-15-C-013		of	B		
File: FILENAME		All dimensions in millimeters. DO NOT SCALE. If in doubt ask.					
		Doppelmayr Australia Pty Ltd. 57 Lee Avenue, Leesville Estate Jindabyne NSW 2627 Australia ABN: 12 005 054 133		Phone: +61 2 6456 2385 Fax: +61 2 6456 2736 Web: www.doppelmayr.com Email: info@doppelmayr.com.au		Customer: CHARLOTTE_PASS	
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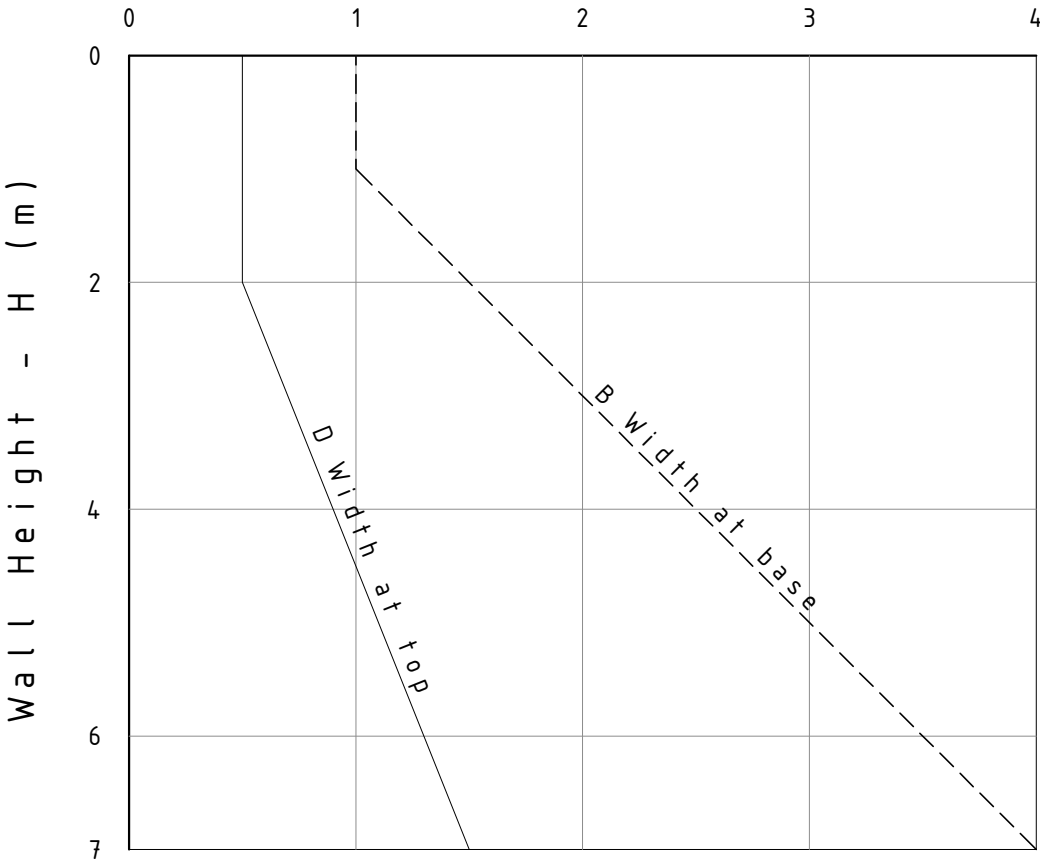
ROCK WALL NOTES

- 1. Strip topsoil and excavate to a suitable subgrade in a series of horizontal steps to suit base key rocks and fill.
- 2. Foundation material to be approved by engineer prior to construction.
- 3. Where the surface slope of retained material is between 10:1 (H:V) and 4:1 (H:V) the wall base dimension is to be increased by 0.5 meters.
- 4. Rock is to be sound durable granite or other approved material and at least 0.4m square meters plan area.
- 5. A continuous 90mm dia. socked drainage line is to be installed a the rear of the wall and drained freely
- 6. Rocks shall be placed in a horizontal manner that they are stable and interlocking and laid roughly coursed and bedded on their broadest base.
- 7. All material for fill shall be clean, free of organic matter and have a particle size not greater than 75mm.
- 8. Fill shall be compacted in 250mm thick loose layers using mechanical compaction.
- 9. Surface drainage should be provided around the uphill side of structures to prevent water pooling.

Where surface slope is greater than 10:1, see note 3



Wall Width - D & B (m)



ROCK WALL DESIGN CHART

TYPICAL ROCK WALL GEOMETRY

REVISION HISTORY				
REV	DESCRIPTION	DATE	DRAWN	APPROVED
A	First issue	16-Mar-2021	Damian	Shaun

Drawing Title:

Rock Retaining Wall
Standard Notes

Project:

Guthries

Sub Project:

2-CLF

Project No-Drawing No:

2020-15-C-014

File:

Z:\Projects\Charlotte Pass\Guthries\Drawings\2020-15-C-014.dwg

Customer:

Charlotte Pass

Drawn:

Damian

Checked:

Shaun

Approved:

Shaun

Date:

16-Mar-2021

Date:

16-Mar-2021

Date:

16-Mar-2021

Scale:

Not To Scale

Material:

N/A

Finish:

N/A

Third Angle Projection

Doppelmayr

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Jindabyne NSW 2627 Australia
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