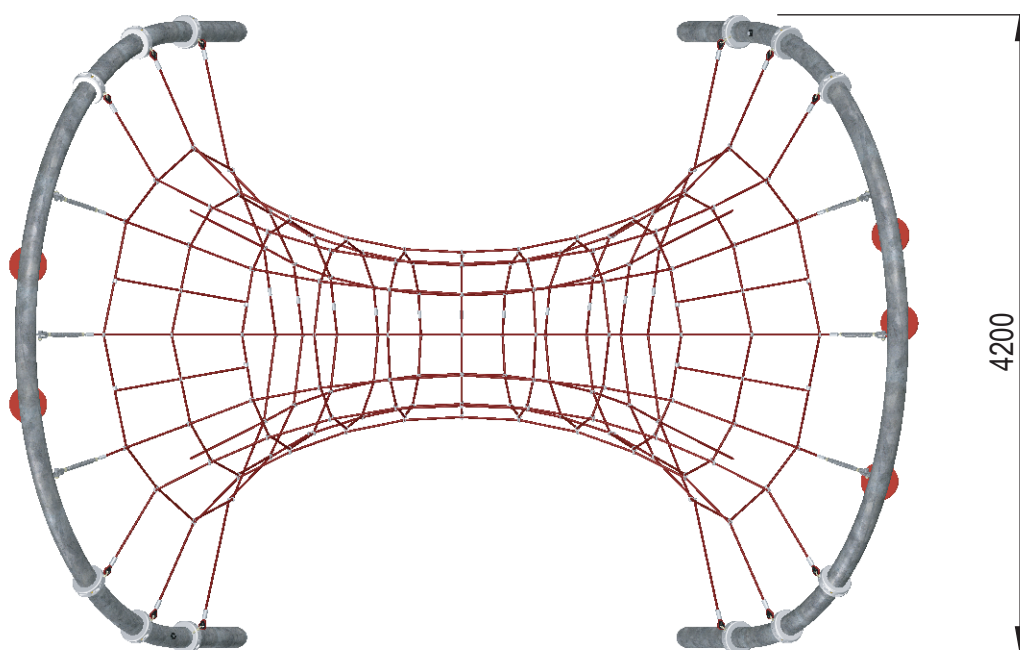
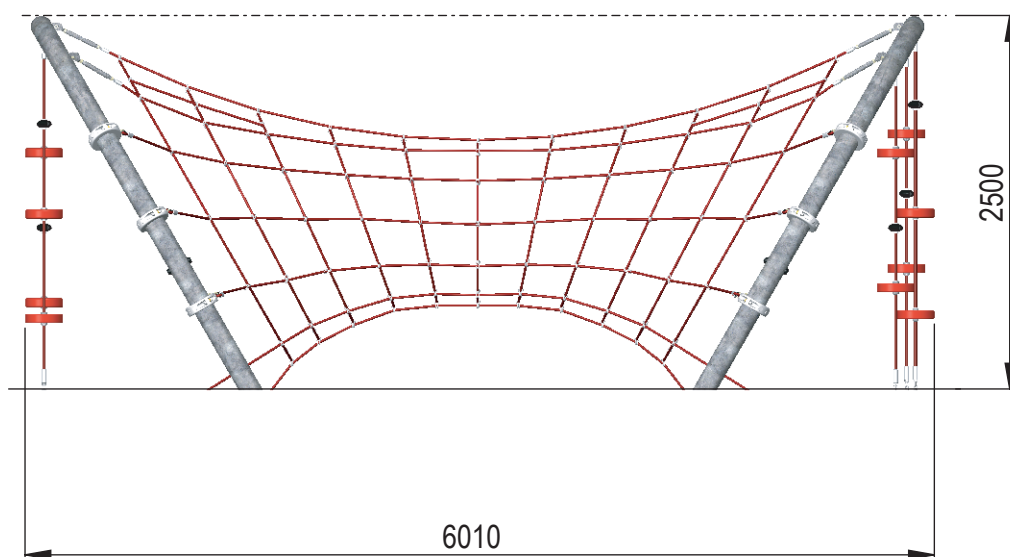


Plan and View



O:\2000E_Entdeckerwelten\2060\04-02_techn. Zeichnungen_Intern\2060 Arc Tunnel.dwg
 Conceptual custom design - actual components may vary actual sag could be larger than displayed

scale 1:50

Foundation plan Section drawing

Foundations:

2 A arch foundations see reinforcement drawing

340 x 80 x 65 cm

5 anchor blocks

2 x B1 ; 3 x B2

50 x 50 x 50 cm

1 anchor blocks

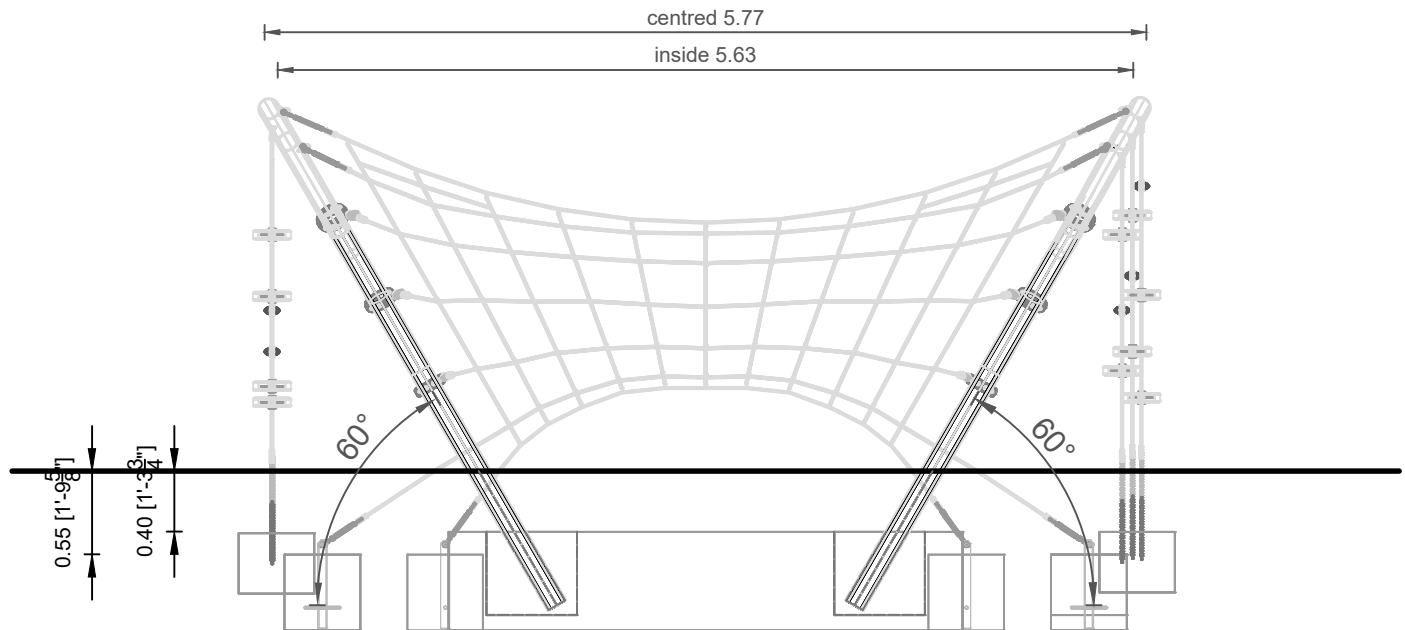
1 x B3

60 x 50 x 50 cm

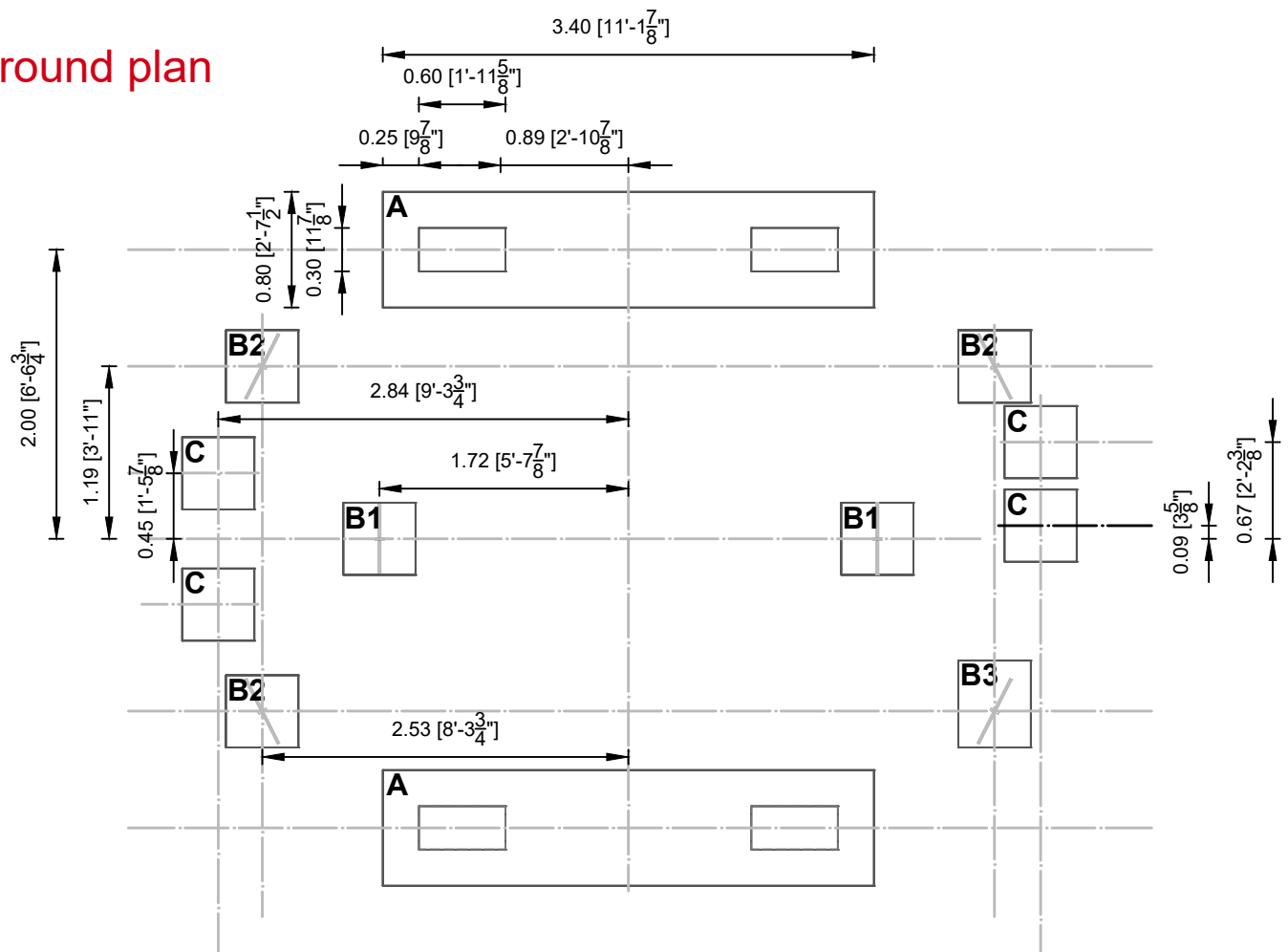
4 Heavy duty anchor blocks

4 x C

50 x 50 x 40 cm



Ground plan



T:_ORIGINALZEICHNUNGEN\2000_Spiel- & Kletternetze\2060\2060 Arc Tunnel_rev3.dwg

Conceptual custom design - actual components may vary actual sag could be larger than displayed

scale 1:50

Foundation plan details

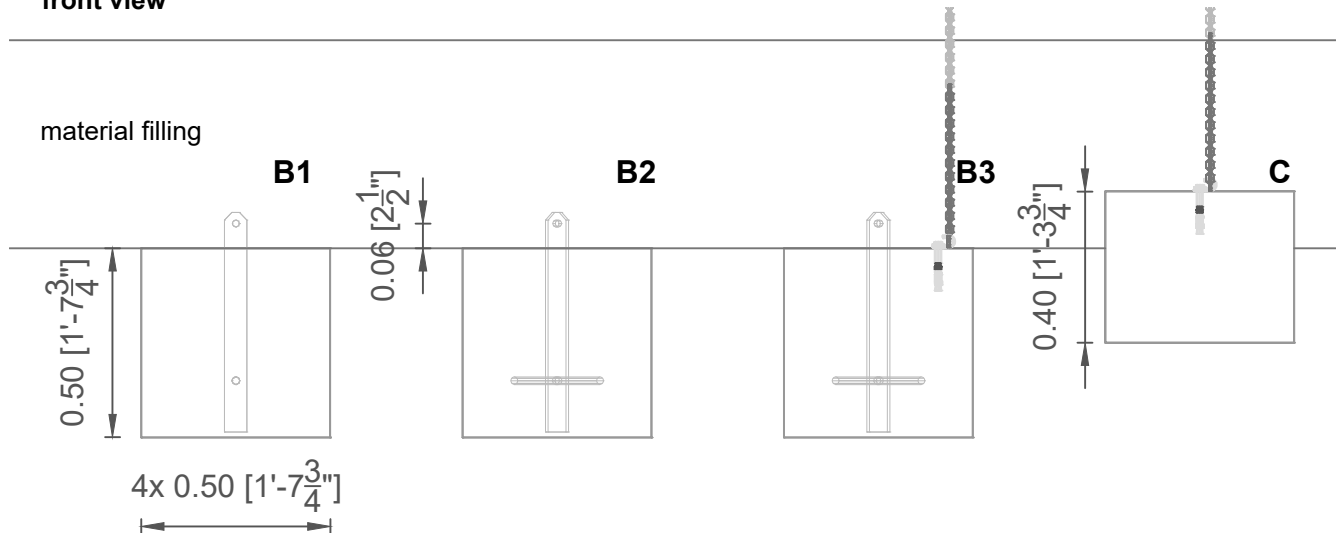
Foundations:

5 anchor blocks
2 x B1 ; 3 x B2
50 x 50 x 50 cm

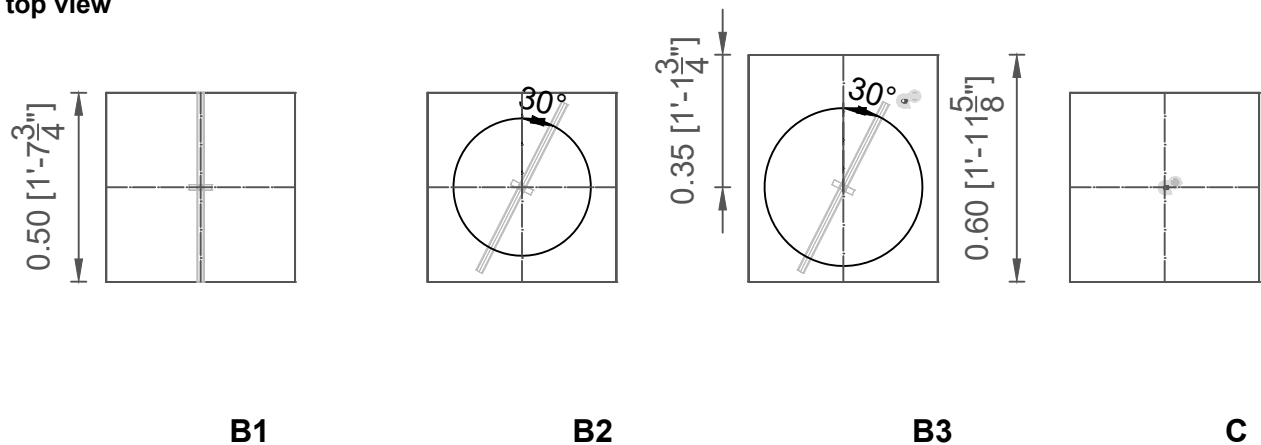
1 anchor blocks
1 x B3
60 x 50 x 50 cm

4 Heavy duty anchor blocks
4 x C
50 x 50 x 40 cm

front view



top view



Quality of concrete:

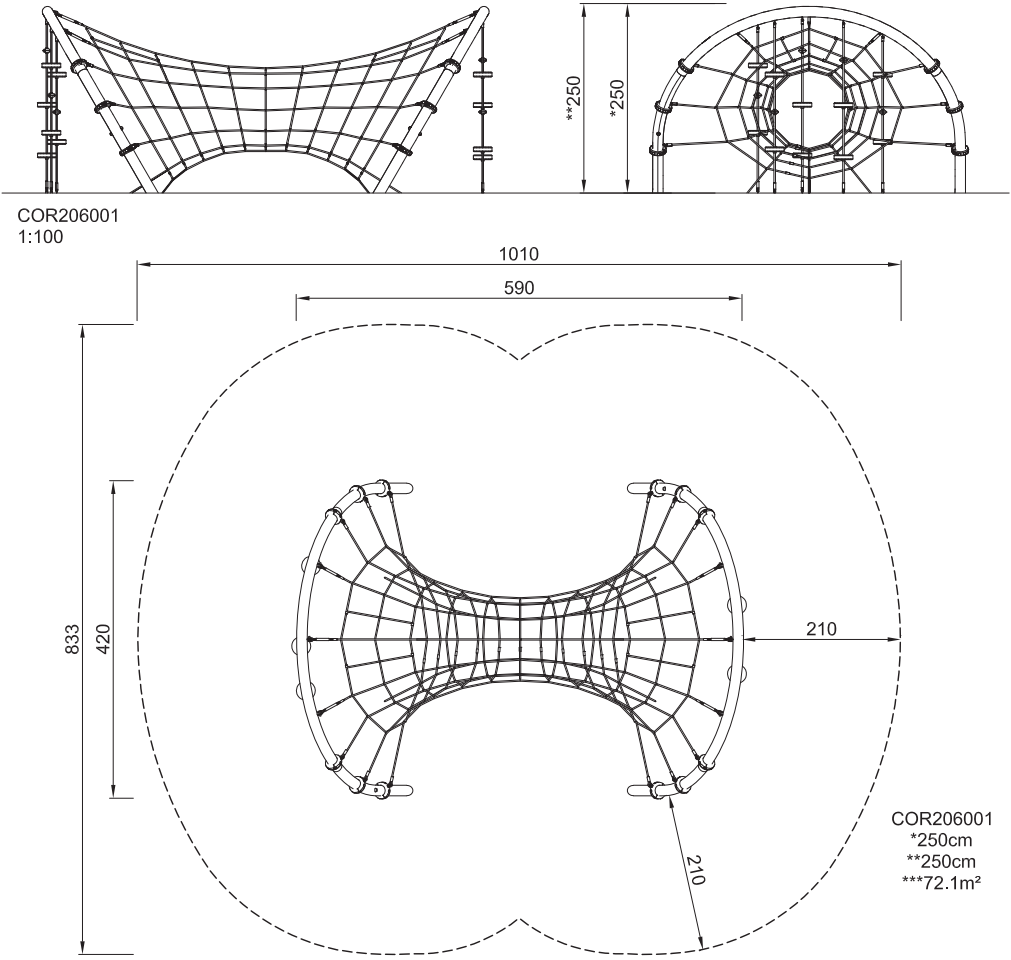
C25 / 30

T:_ORIGINALZEICHNUNGEN\2000_Spiel- & Kletternetze\2060\2060 Arc Tunnel_rev3.dwg

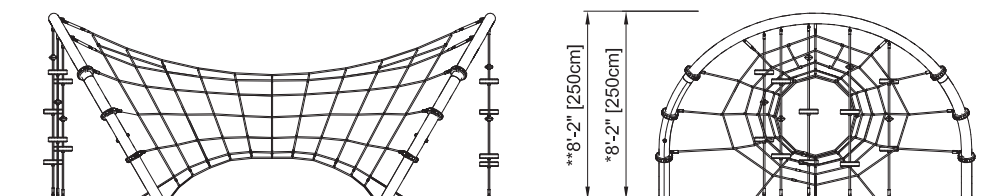
Conceptual custom design - actual components may vary actual sag could be larger than displayed

scale 1:50

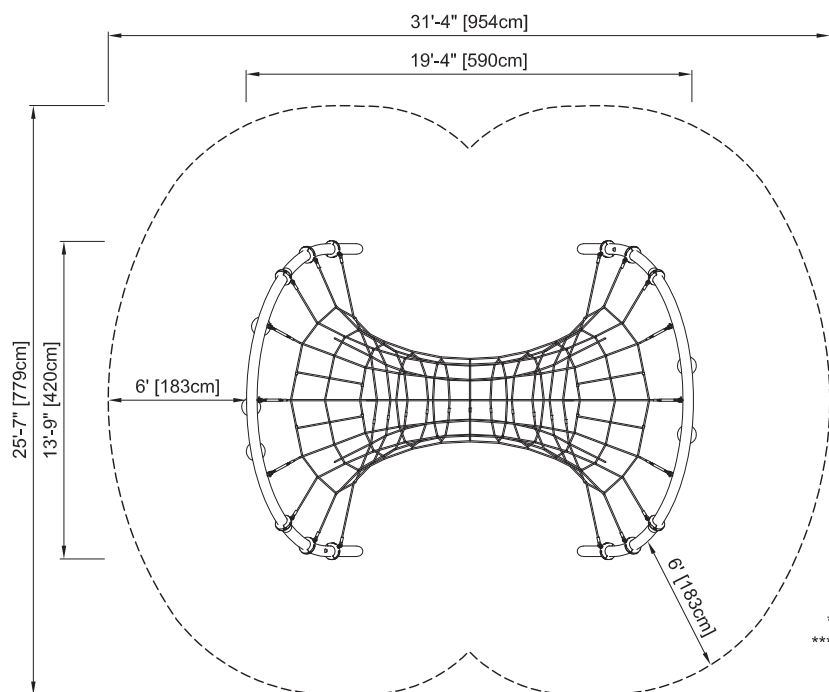
EN1176/AS4685



ASTM F1487/CSA Z614

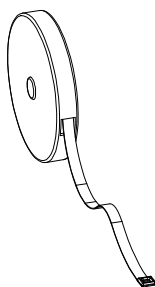


COR206001
1:100

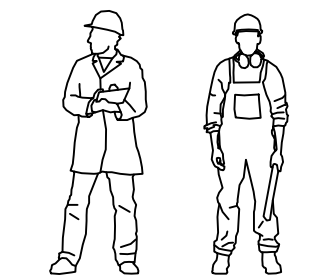
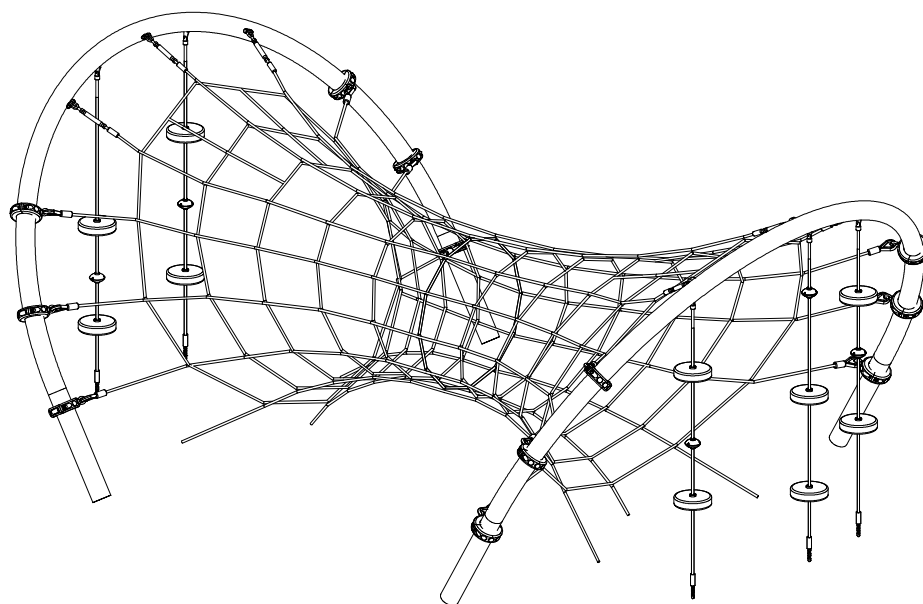


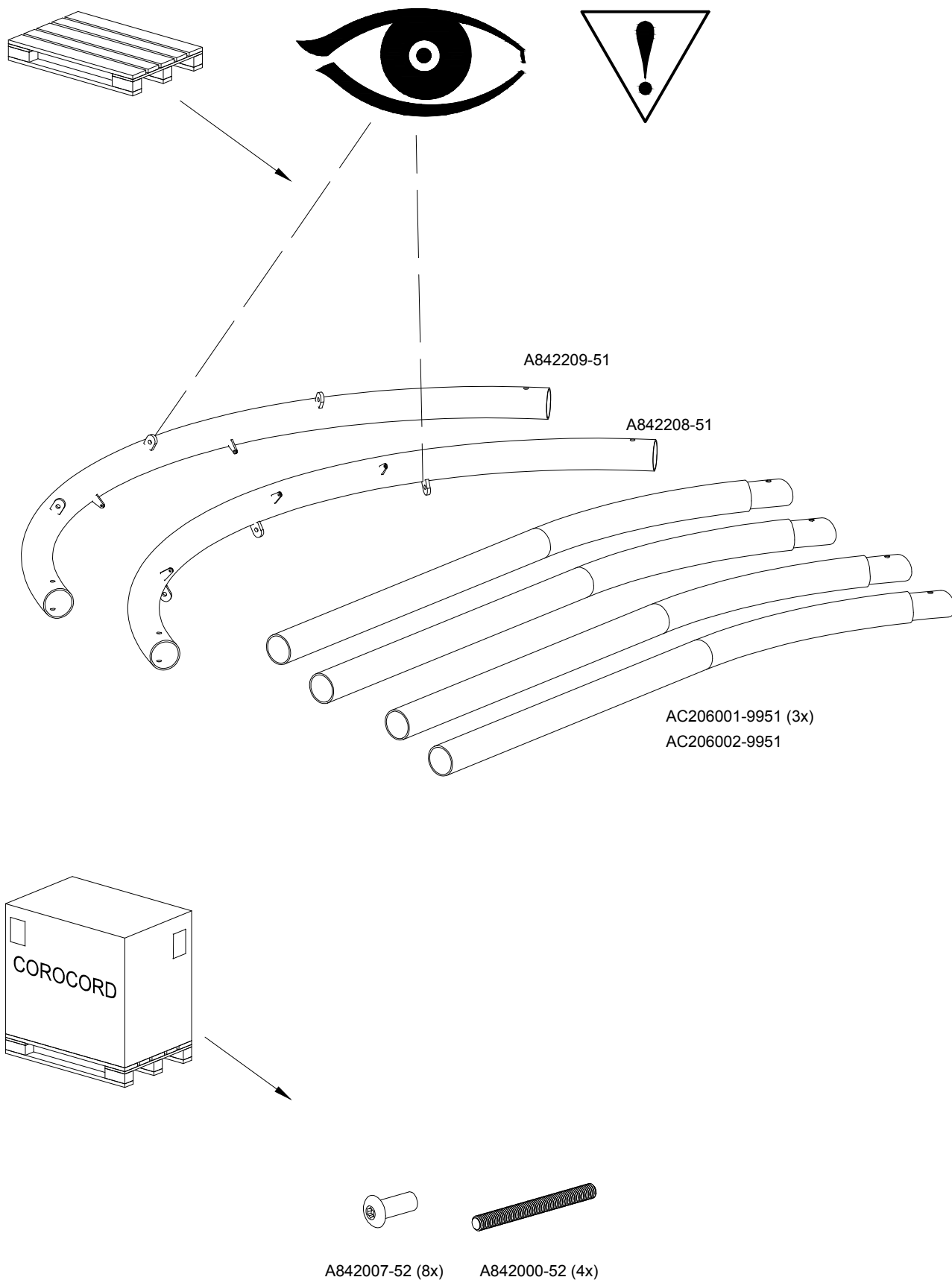
COR206001
* 8'-2" / 250cm
** 8'-2" / 250cm
*** 678.1ft² / 63.9m²

Installation instruction
 Montageanleitung
 Instructions de montage
 Indicaciones de montaje
 Istruzioni di montaggio
 Montagehandleiding
 Monteringsanvisning
 Monteringsvejledning
 Инструкция по установке
 Asennusohje

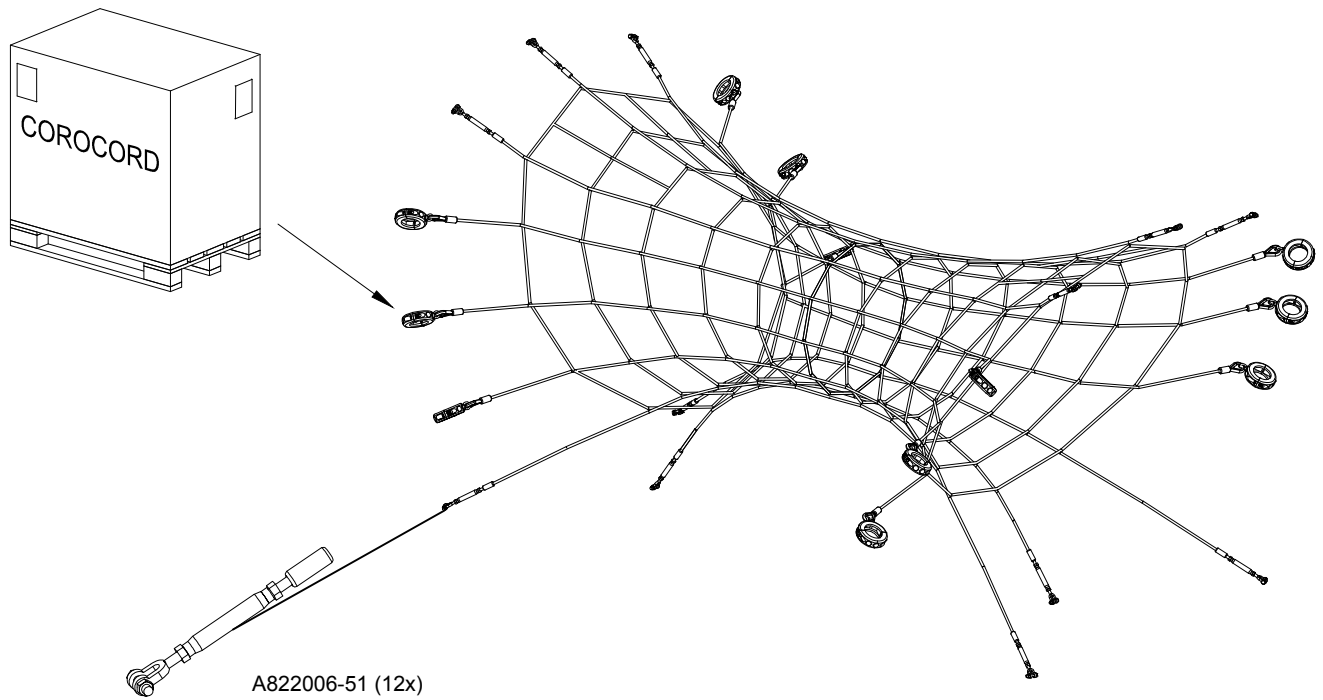


Check foundation before installation!
 Vor Montagebeginn Fundamentierung überprüfen!
 Vérifier les fondations avant de commencer le montage !
 ¡Compruebe la fundación antes de la instalación!
 Verificare le fondamenta prima di procedere all'installazione!
 Controleer fundering voor de installatie!
 Kontrollera fundament innan installation!
 Check fundament før installation!
 Перед установкой проверить основание!
 Tarkista ankkuroidin perustus ennen asennusta!





O:\2000E_Entdeckerwelten\2060\05_Montageanleitung_Wartungshinweise\M 2060 int.dwg



200707412055 (24x)



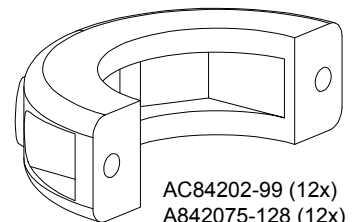
601100312 (24x)



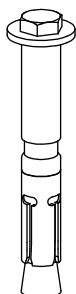
201305013024 (72x)



OBV-1912022-A2 (24x)

AC84202-99 (12x)
A842075-128 (12x)

A842045-52 (5x)



340707912105 (5x)

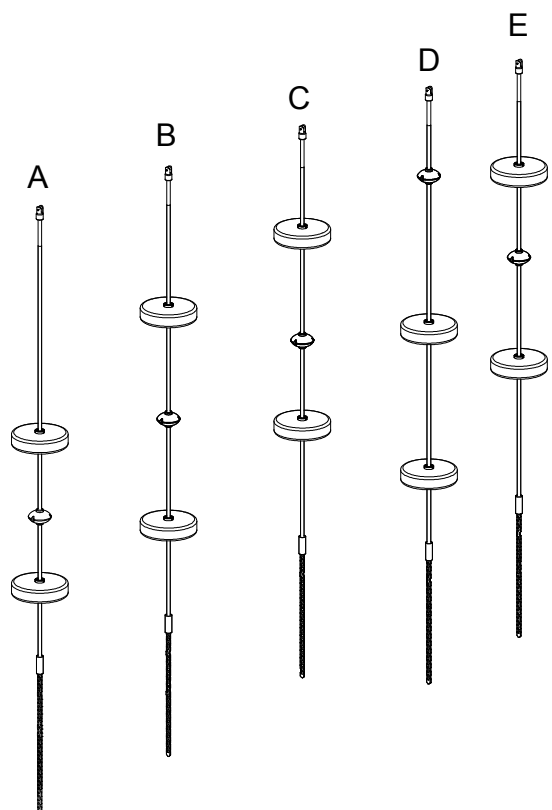
A - N842001-11

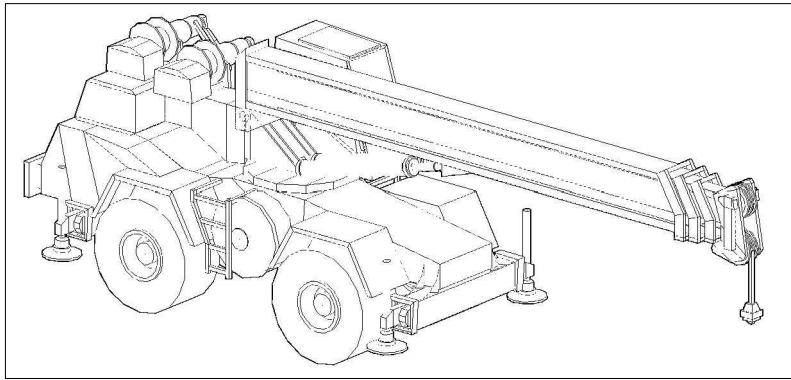
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C - N842003-11

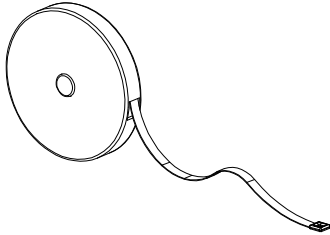
D - N842004-11

E - N842005-11

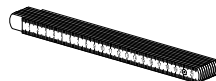




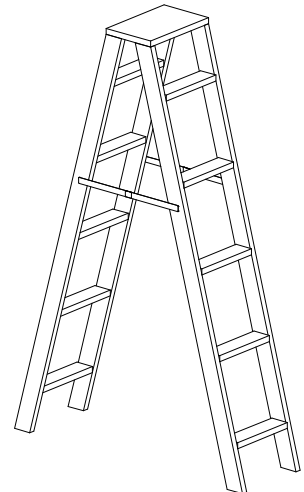
1x



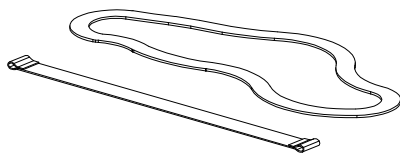
1x



1x



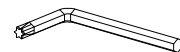
1x



1x

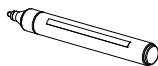


2x

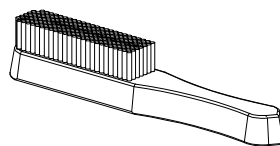


T 25

1x



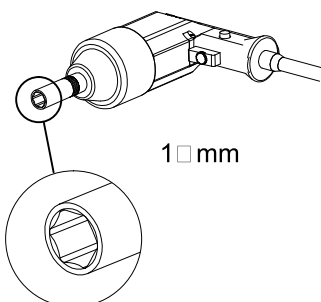
1x



1x



1x



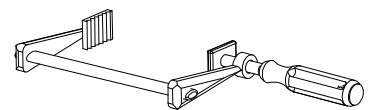
1 □ mm

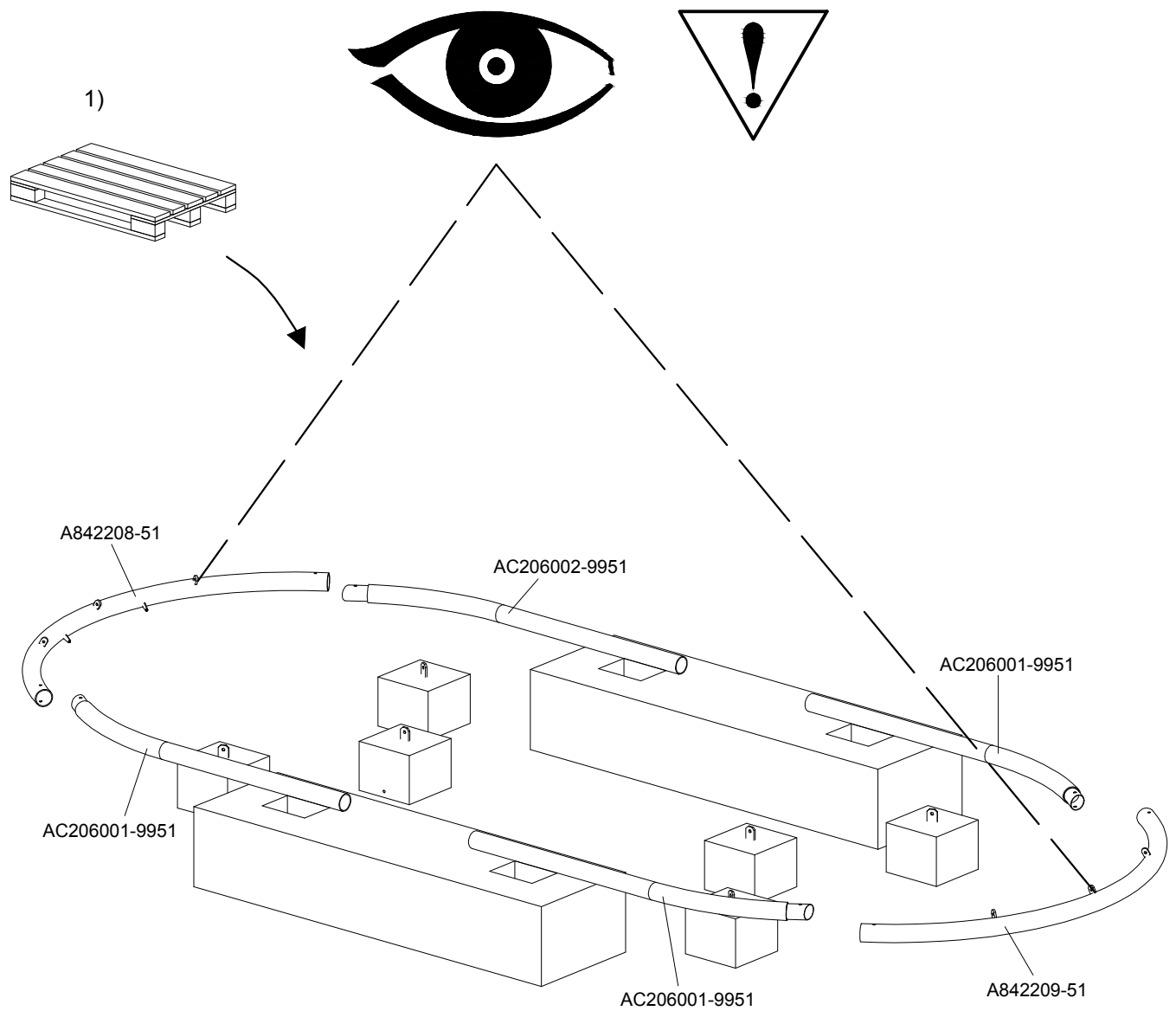
1x



1 □ mm
24 mm
30 mm

1x





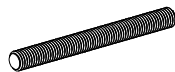
O:\2000E_Entdeckerwelten\2060\05_Montageanleitung_Wartungshinweise\2060 int.dwg

A

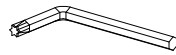


A842007-52 (8x)

B



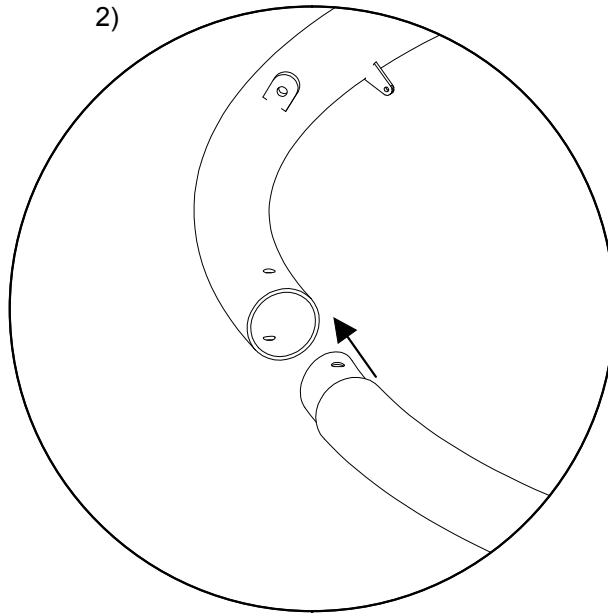
A842000-52 (4x)



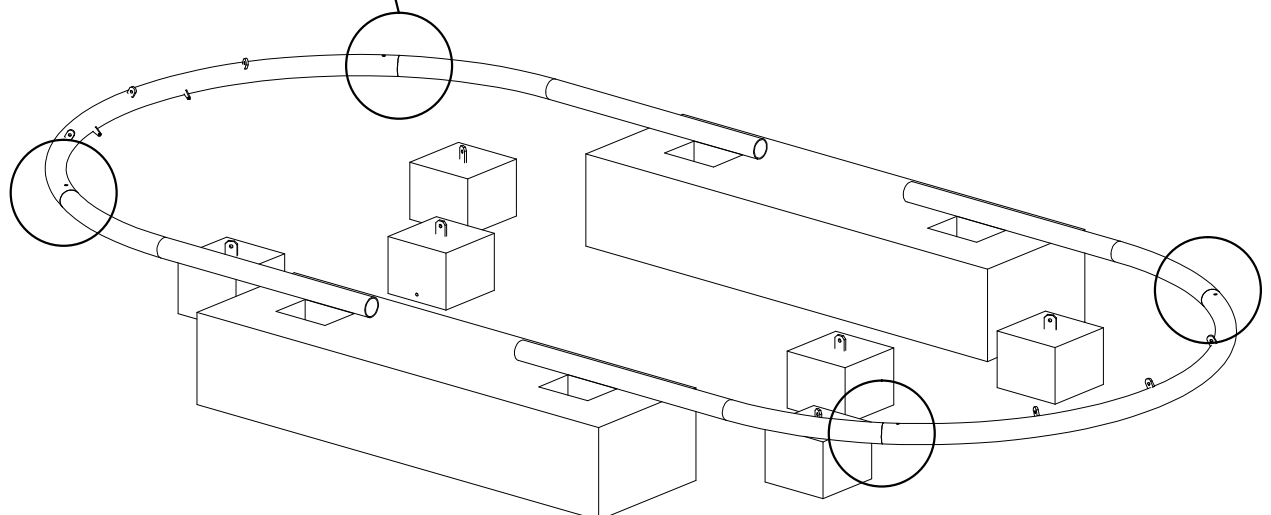
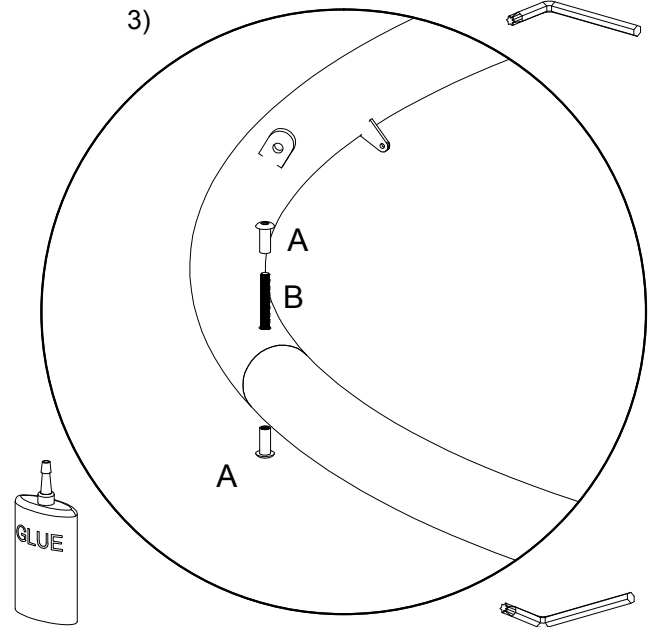
T 25



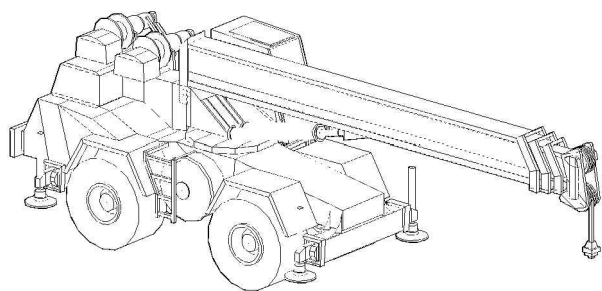
2)



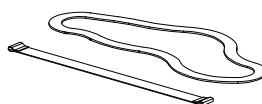
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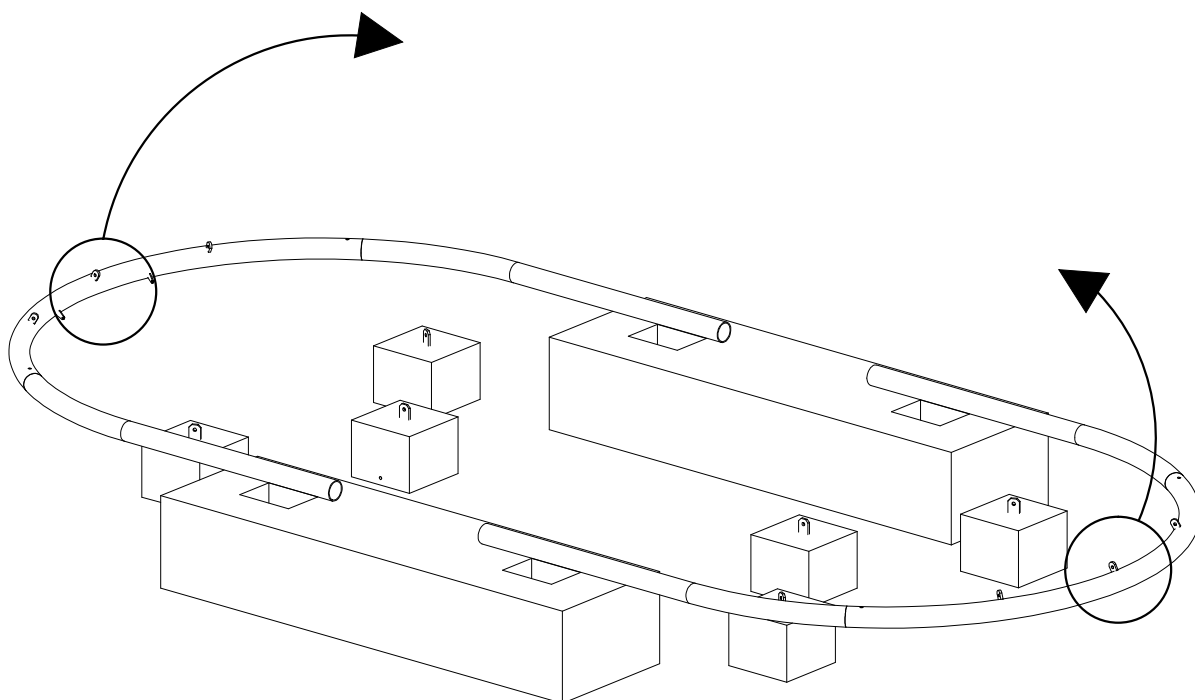
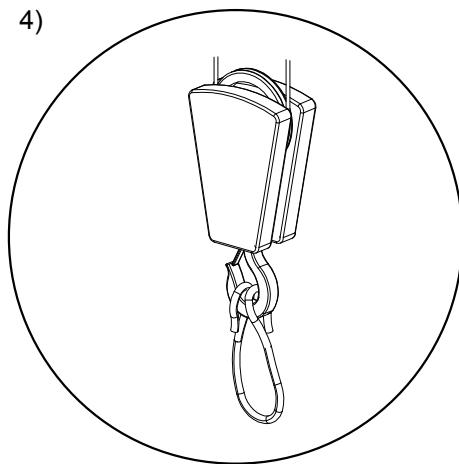
O:\2000E_Entdeckerwelten\2060\05_Montageanleitung_Wartungshinweise\M 2060 int.dwg



1x

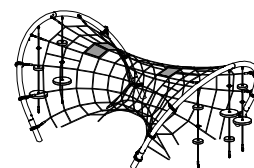


4)

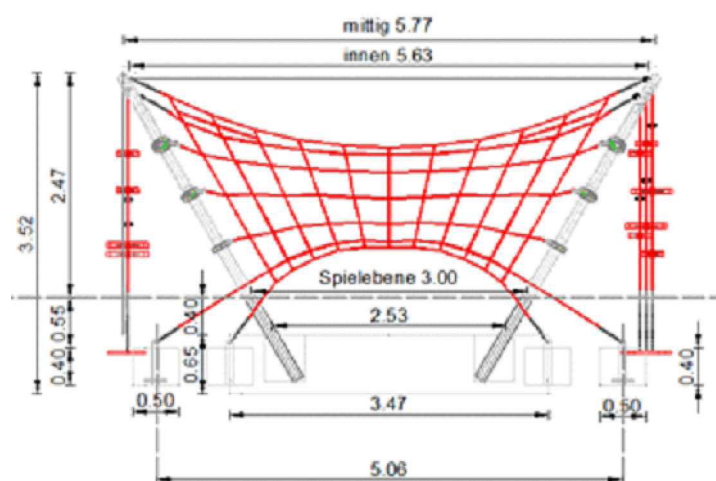
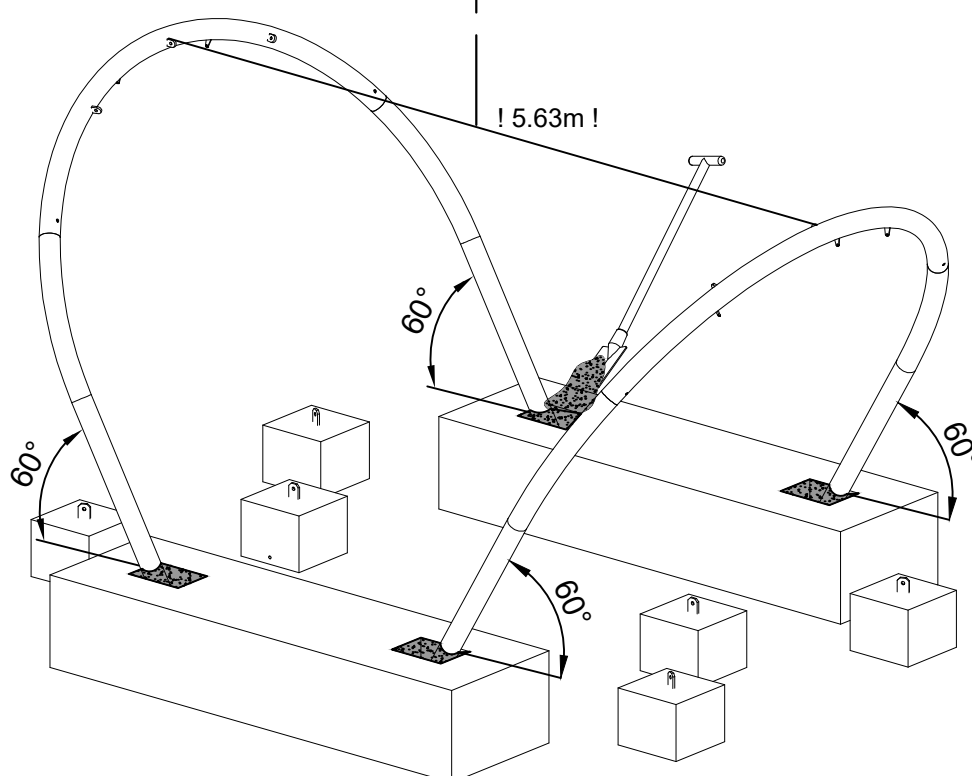


O:\2000E_Entdeckerwelten\2060\05_Montageanleitung_Wartungshinweise\2060 int.dwg

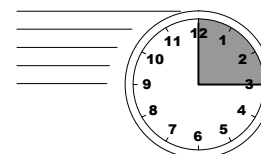
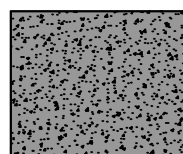
PLAN

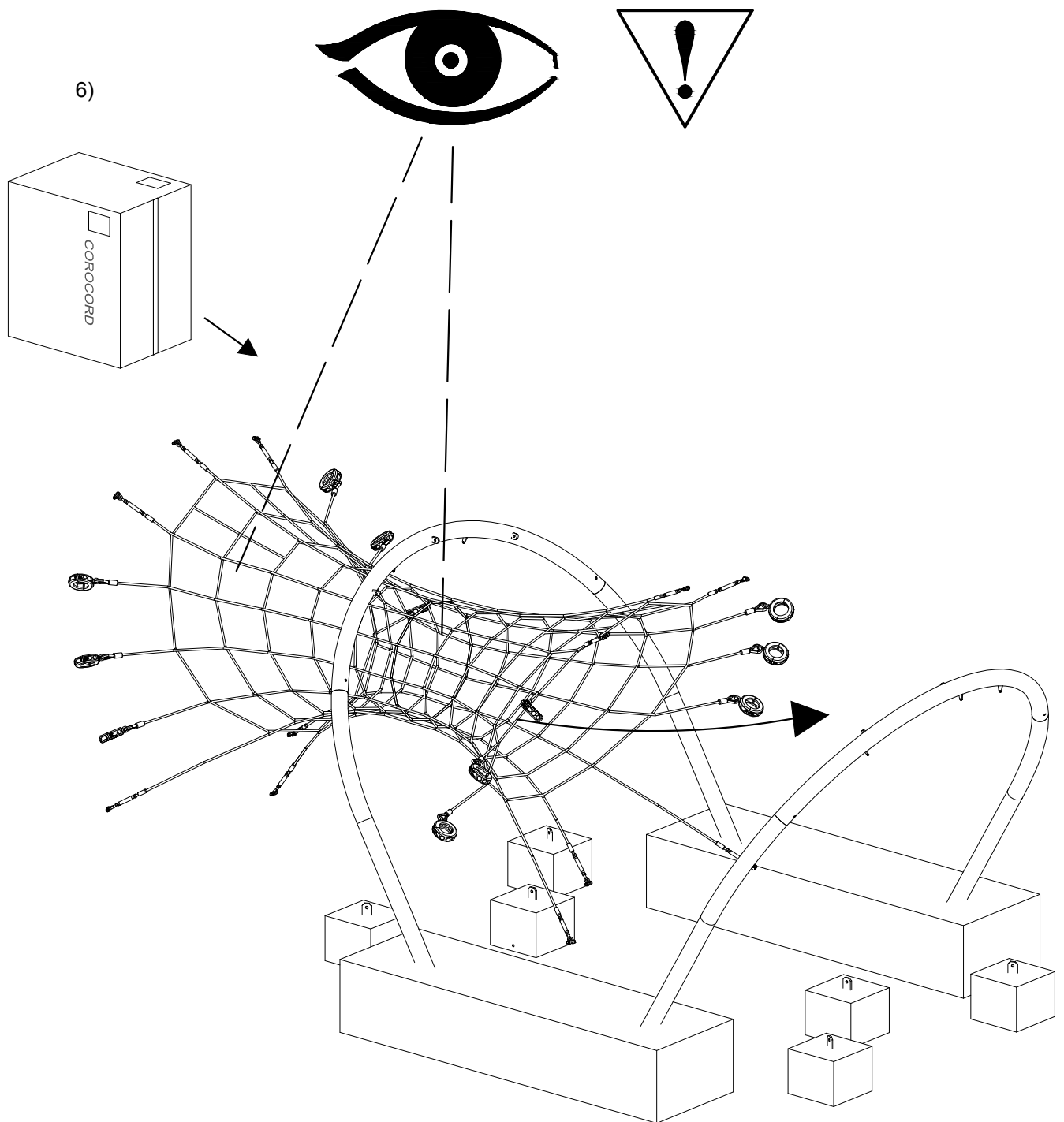


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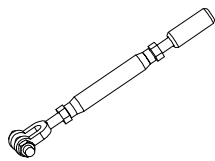


≥ 3 hours





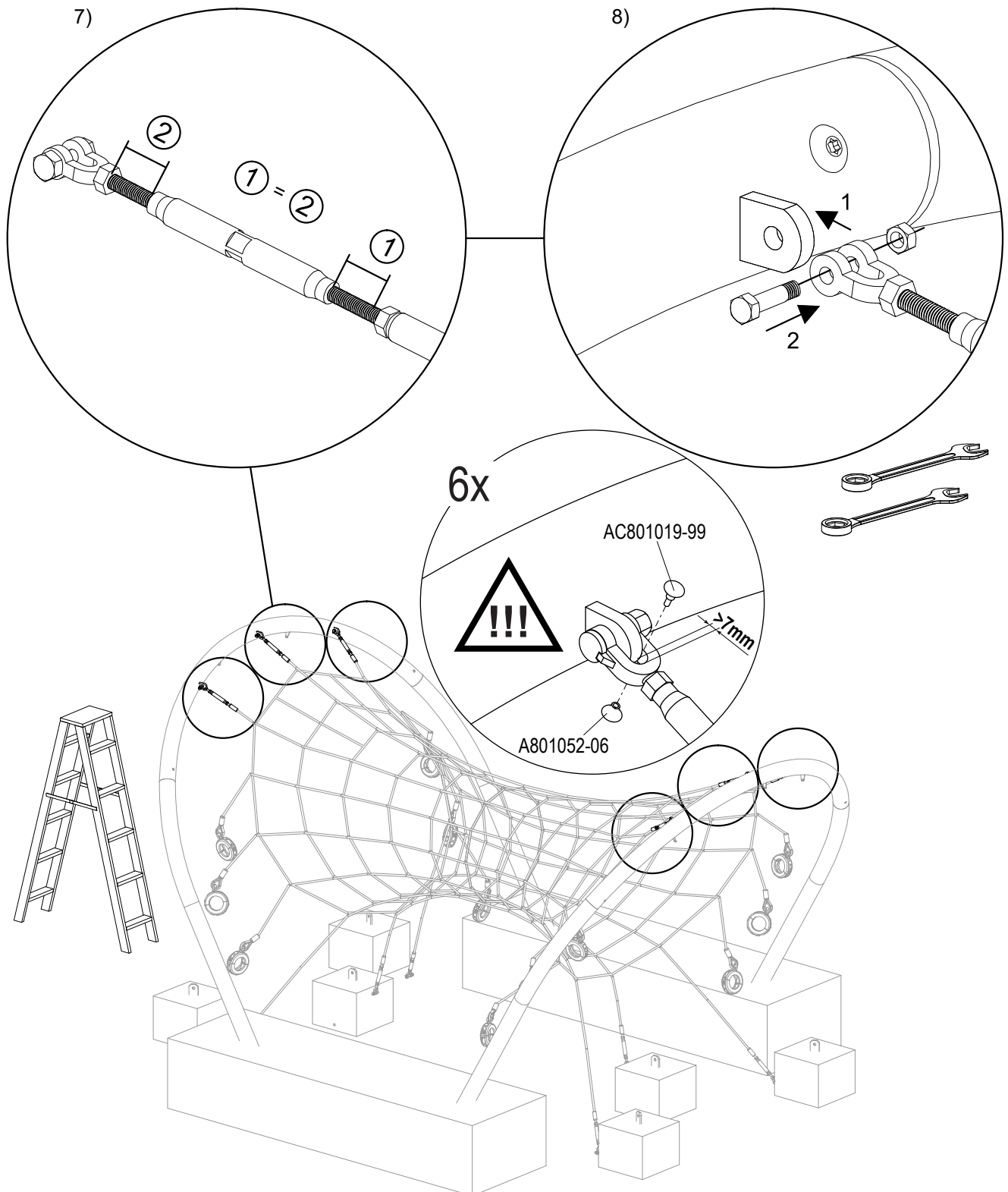
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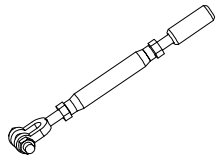
A822006-51 (6x)



30 mm



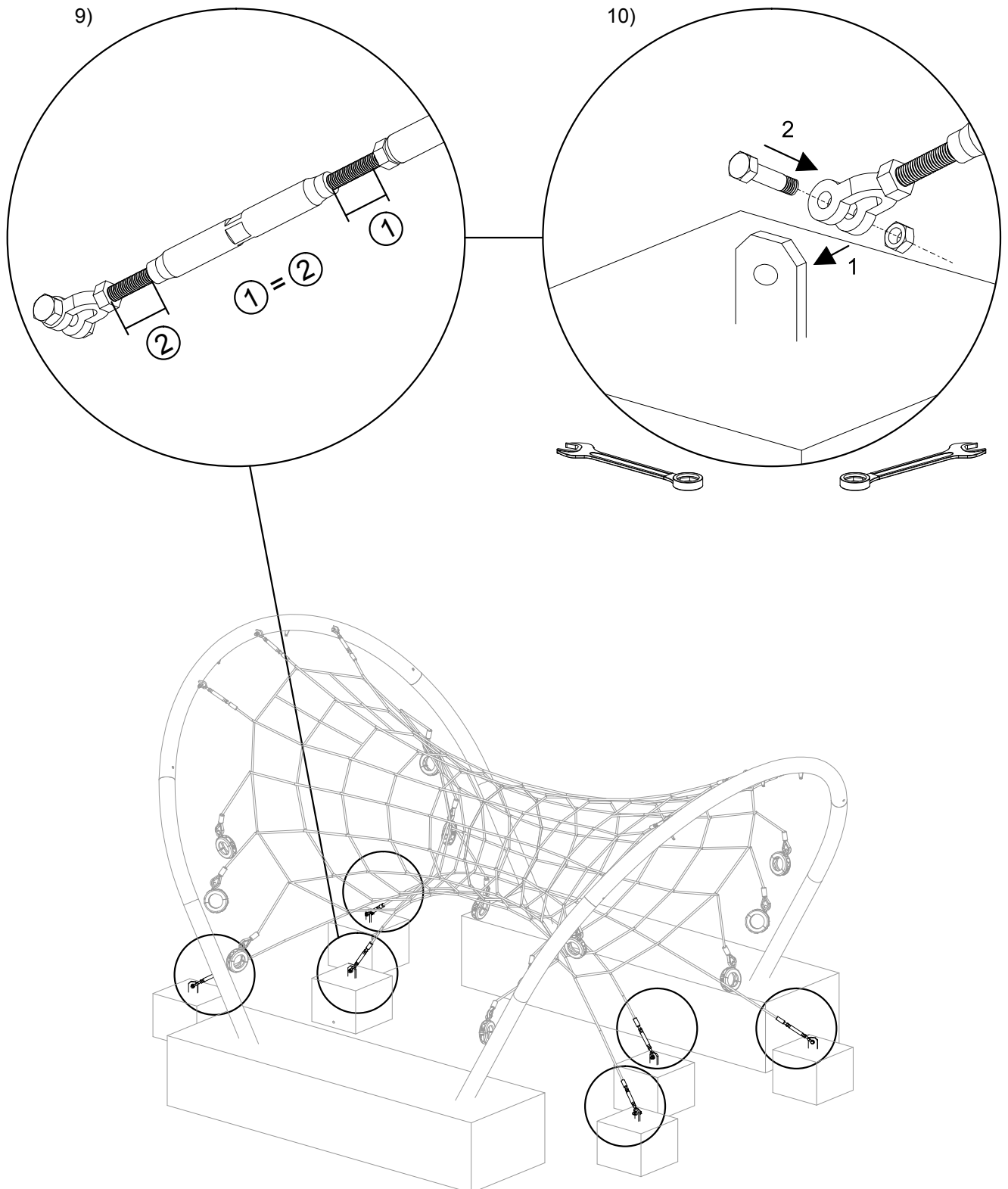
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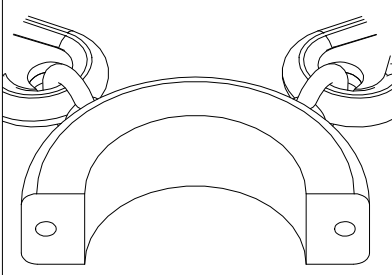
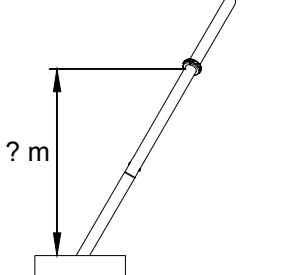
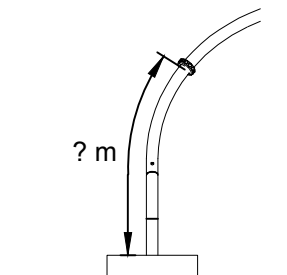
A822006-51 (6x)

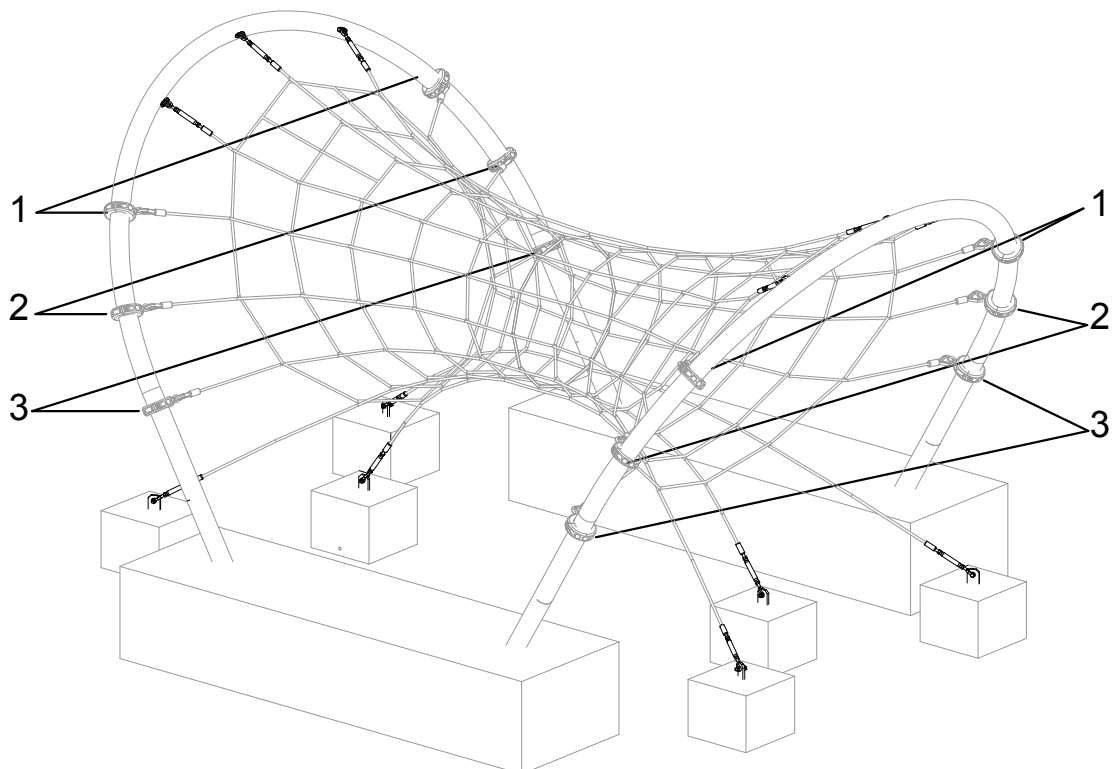
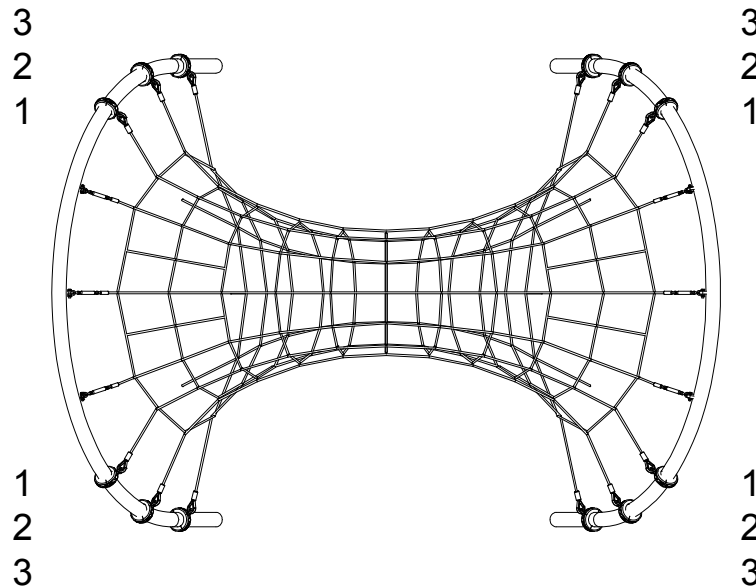


30 mm



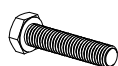
O:\2000E_Entdeckerwelten\2060\05_Montageanleitung_Wartungshinweise\2060 int.dwg

			
1	2,10	2,50	
2	1,40	1,60	
3	0,70	0,85	



O:\2000E_Entdeckerwelten\2060\05_Montageanleitung_Wartungshinweise\2060 int.dwg

A



200707412055 (24x)

B



201305013024 (72x)

C



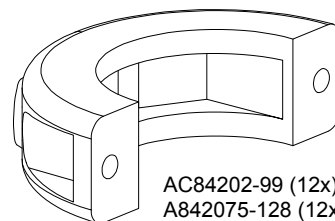
601100312 (24x)

D

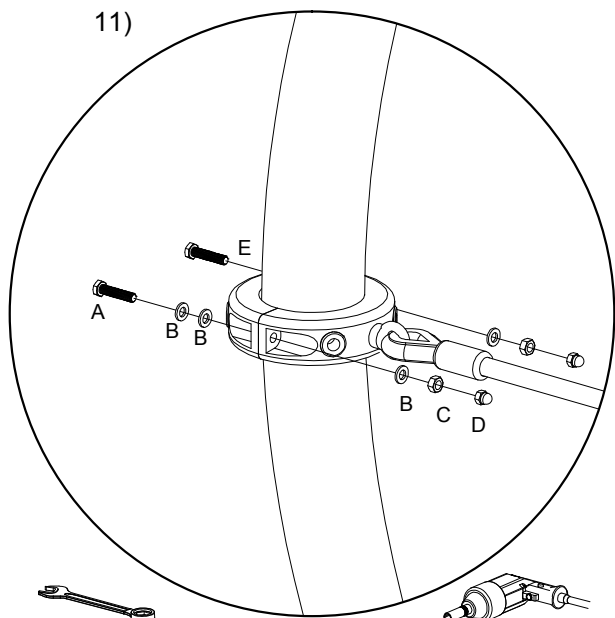


OBV-1912022-A2 (24x)

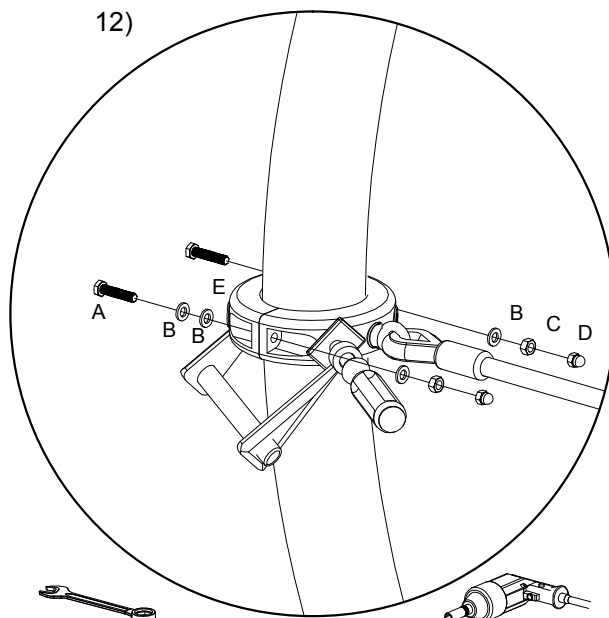
E

AC84202-99 (12x)
A842075-128 (12x)

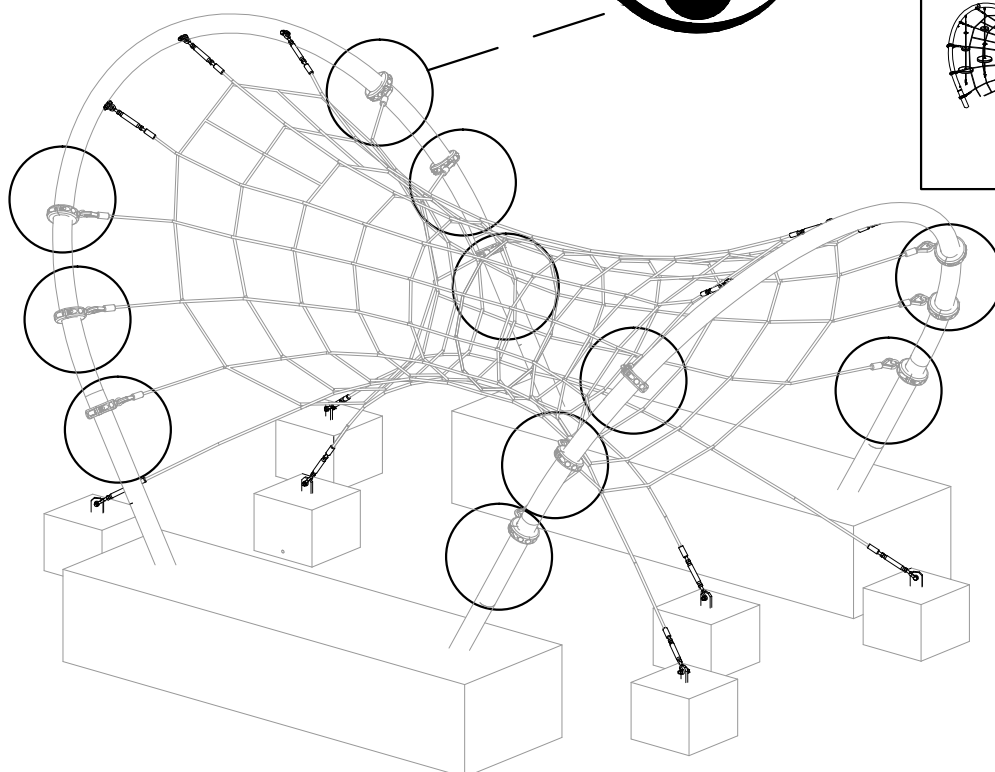
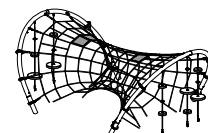
11)

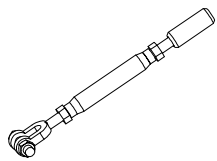


12)

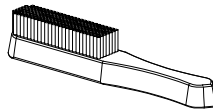


PLAN

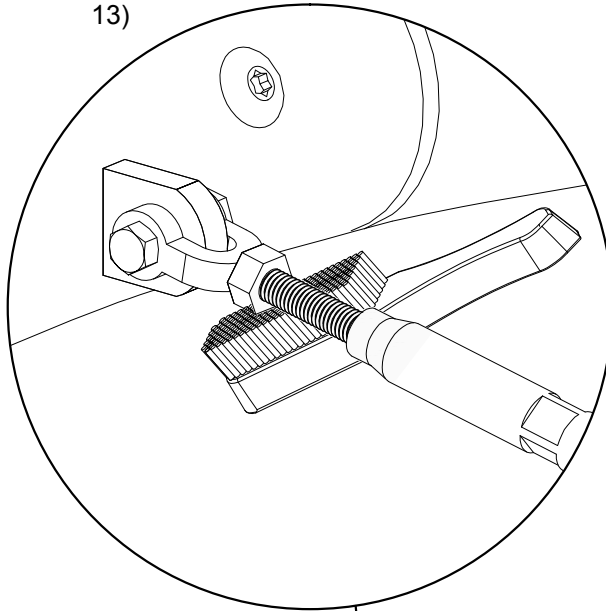




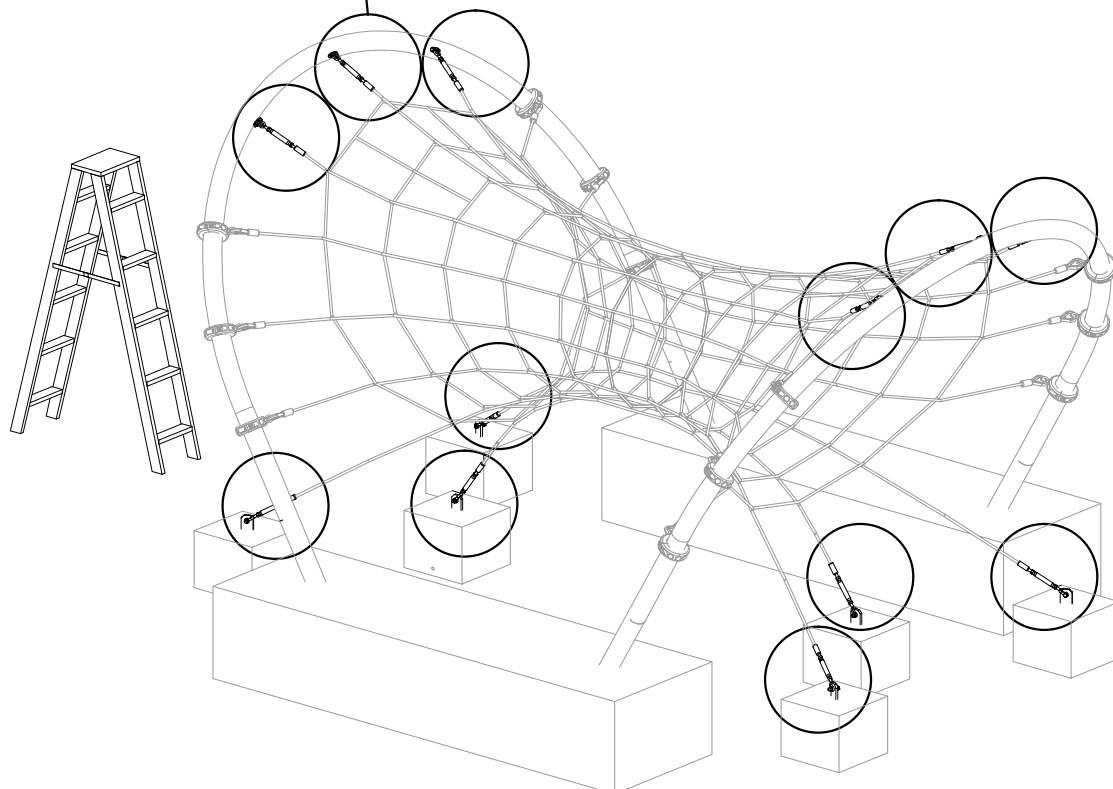
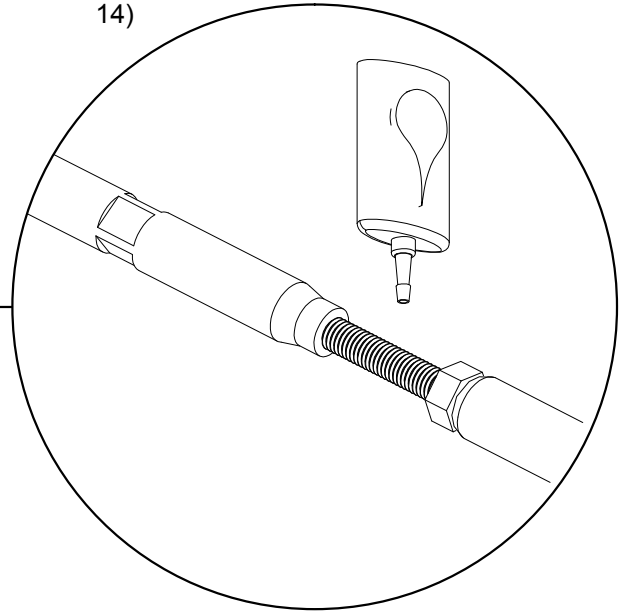
A822006-51 (12x)



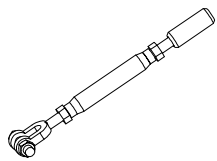
13)



14)



O:\2000E_Entdeckerwelten\2060\05_Montageanleitung_Wartungshinweise\2060 int.dwg

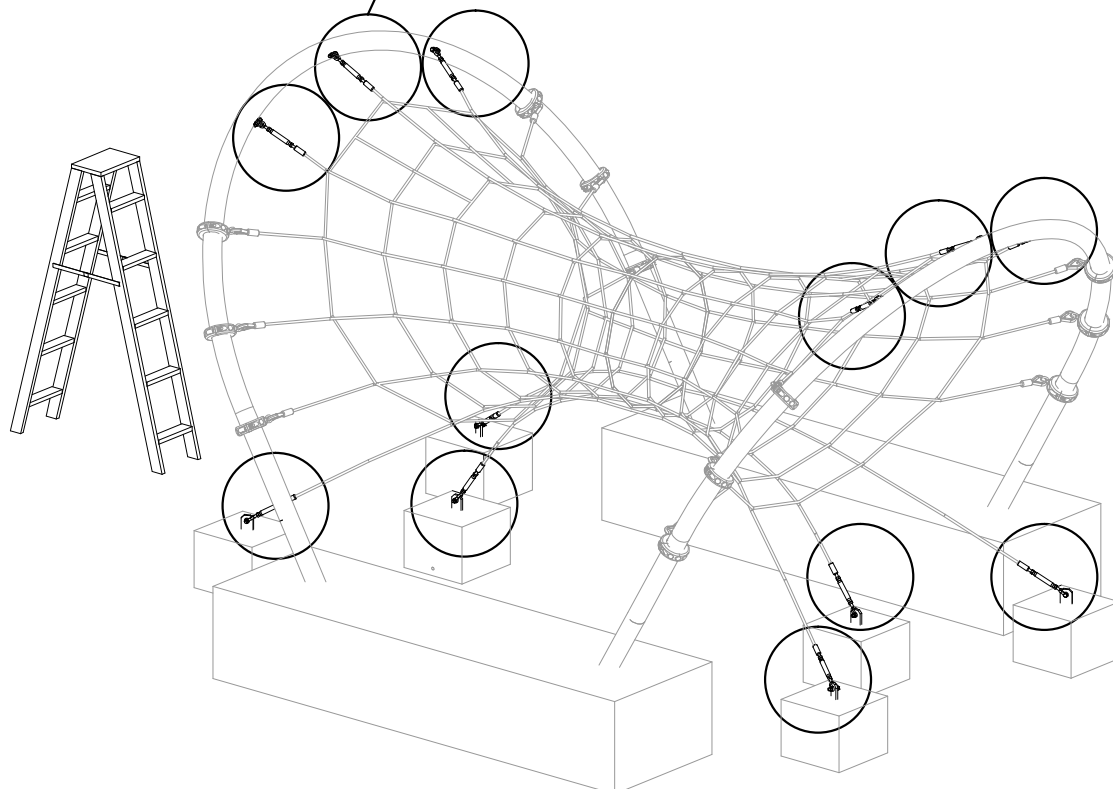
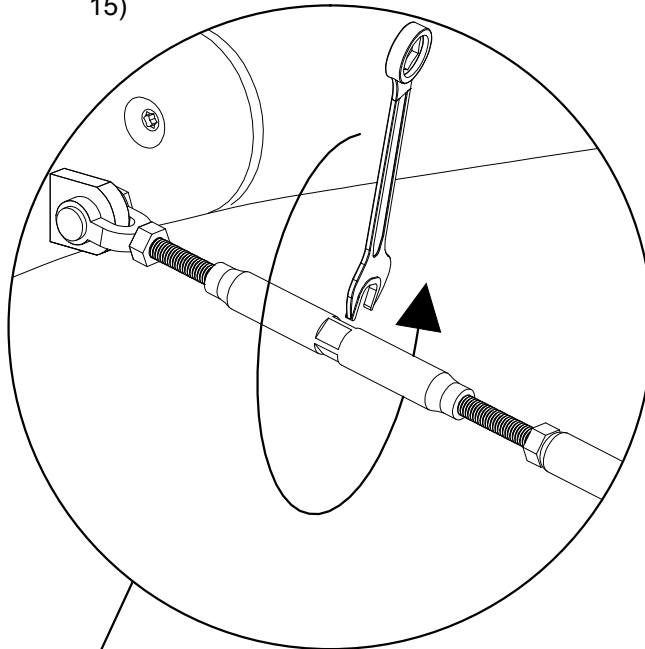


A822006-51 (12x)

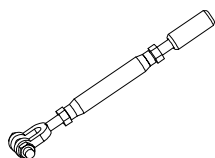


30 mm

15)



O:\2000E_Entdeckerwelten\2060\05_Montageanleitung_Wartungshinweise\2060 int.dwg

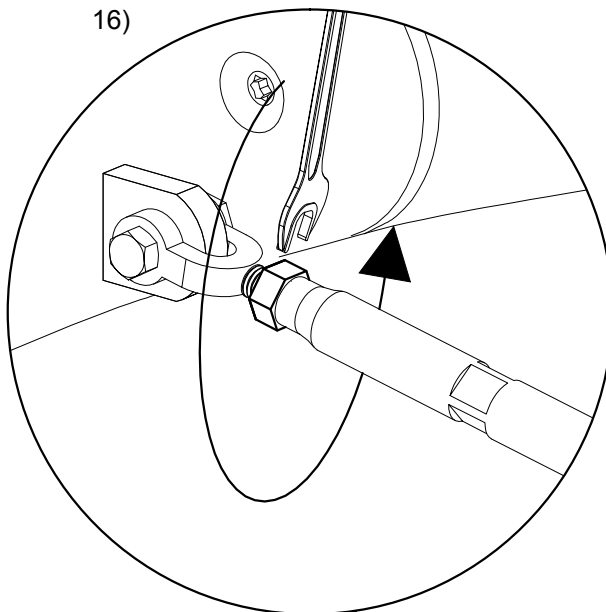


A822006-51 (12x)

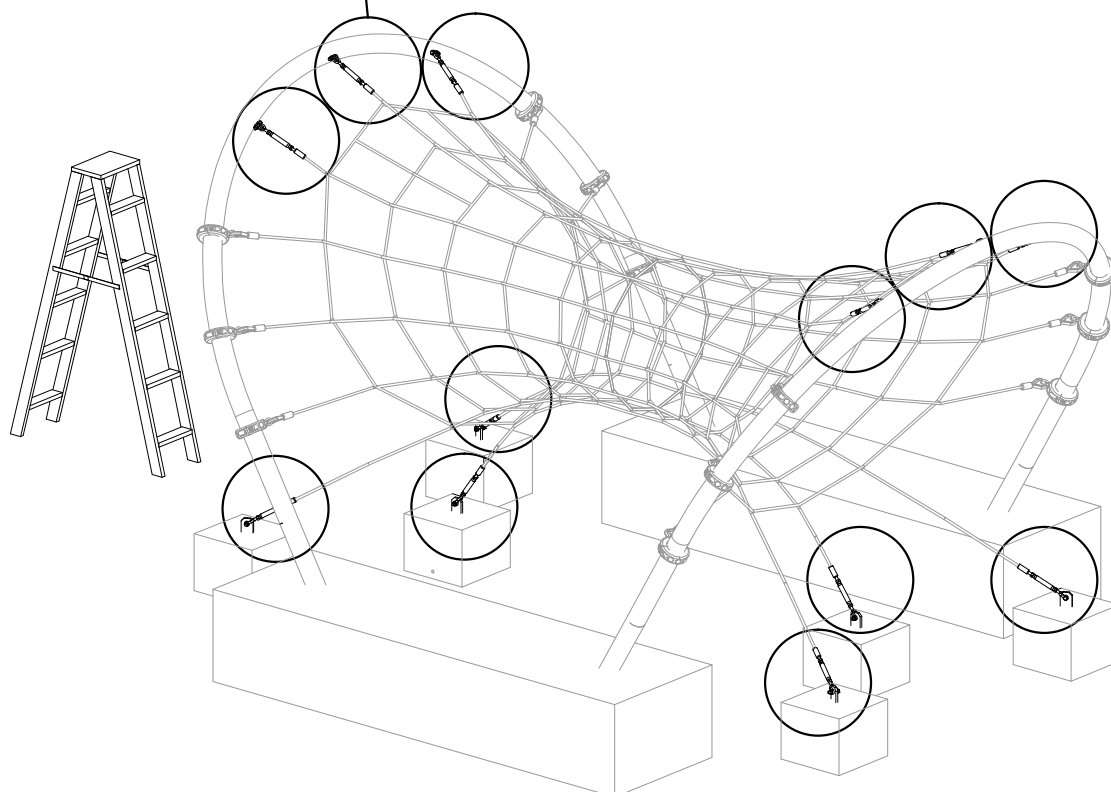
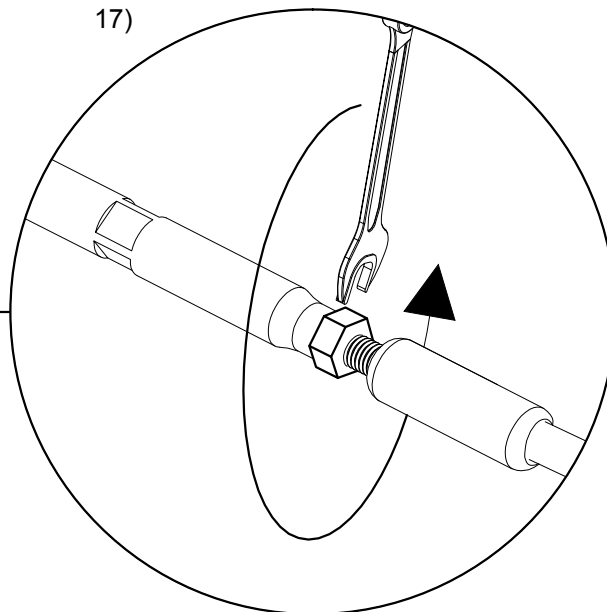


30 mm

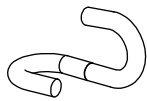
16)



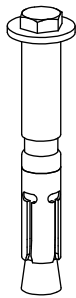
17)



O:\2000E_Entdeckerwelten\2060\05_Montageanleitung_Wartungshinweise\2060 int.dwg



A842045-52 (5x)



340707912105 (5x)

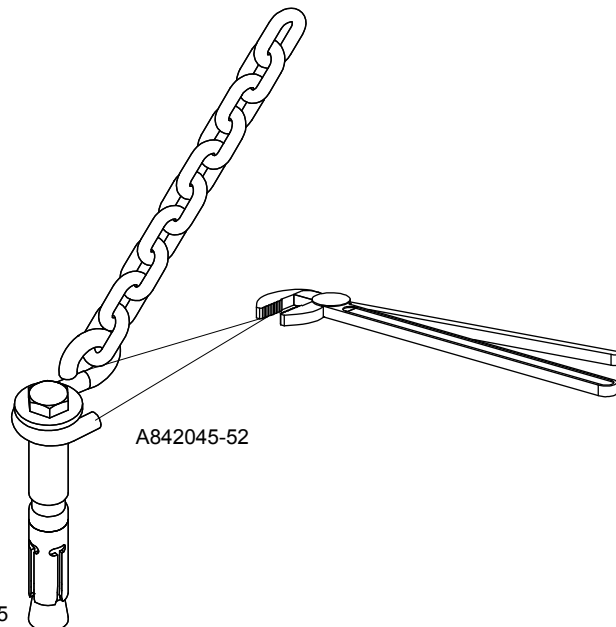
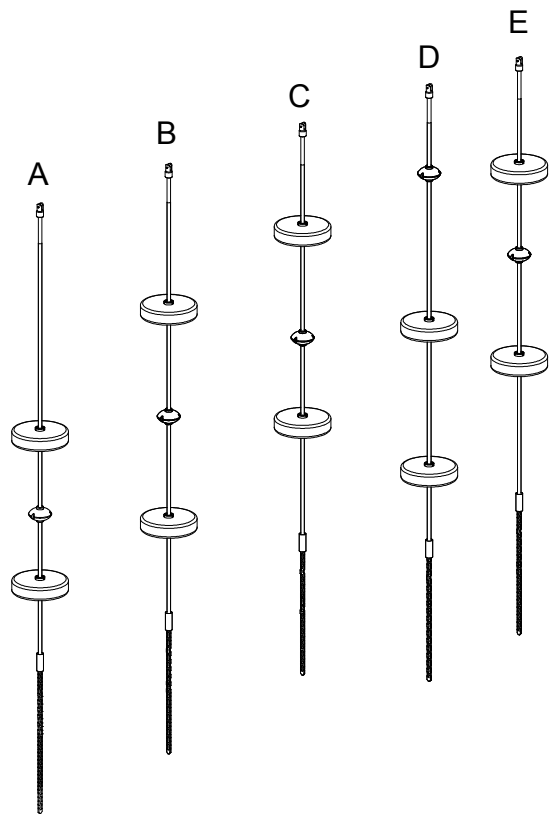
A - N842001-11

B - N842002-11

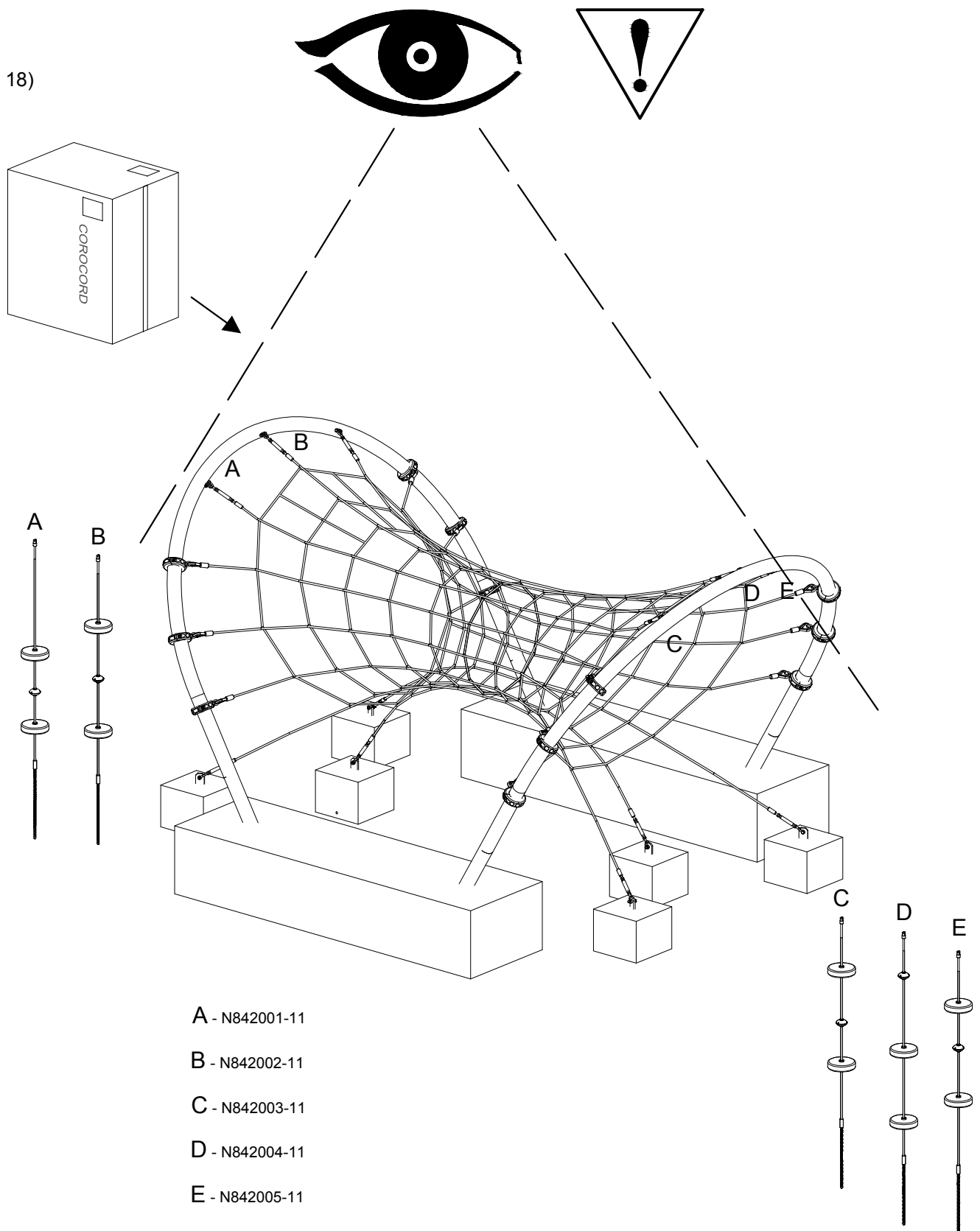
C - N842003-11

D - N842004-11

E - N842005-11



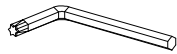
18)



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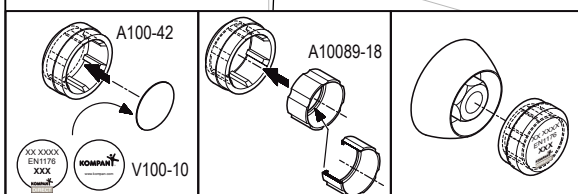
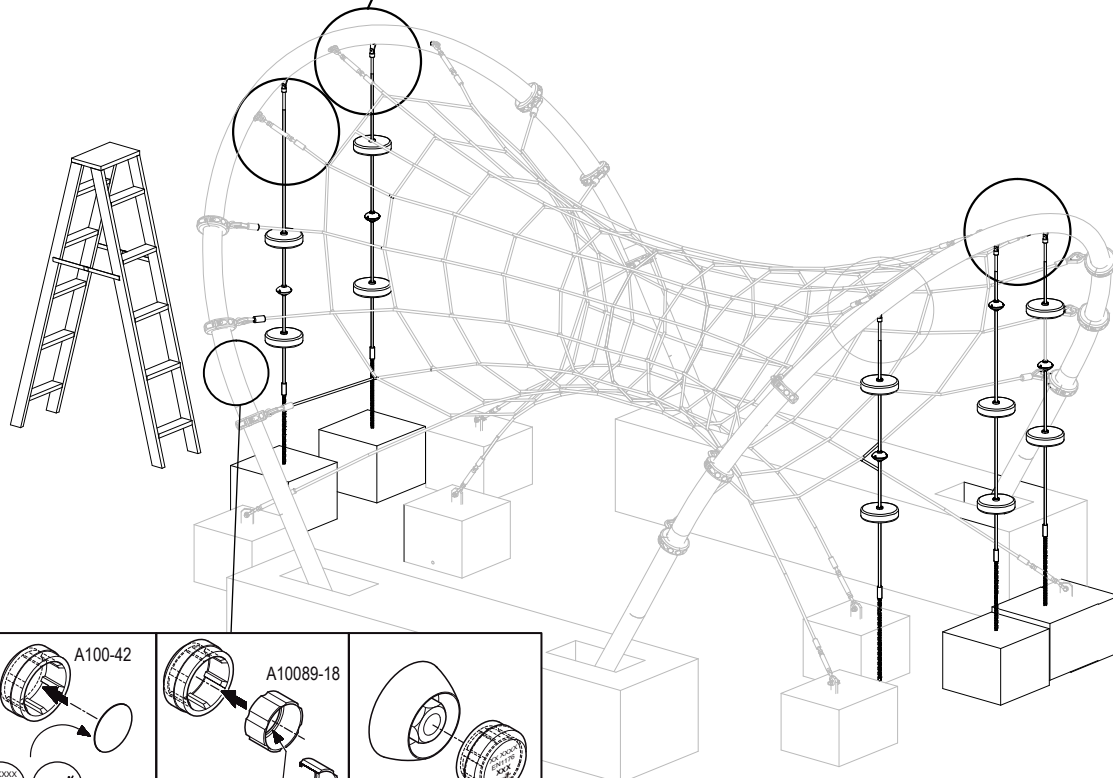
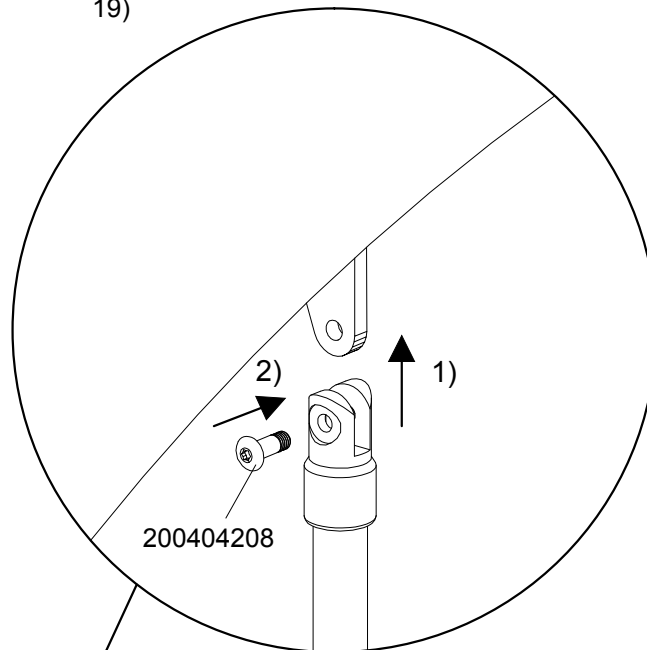


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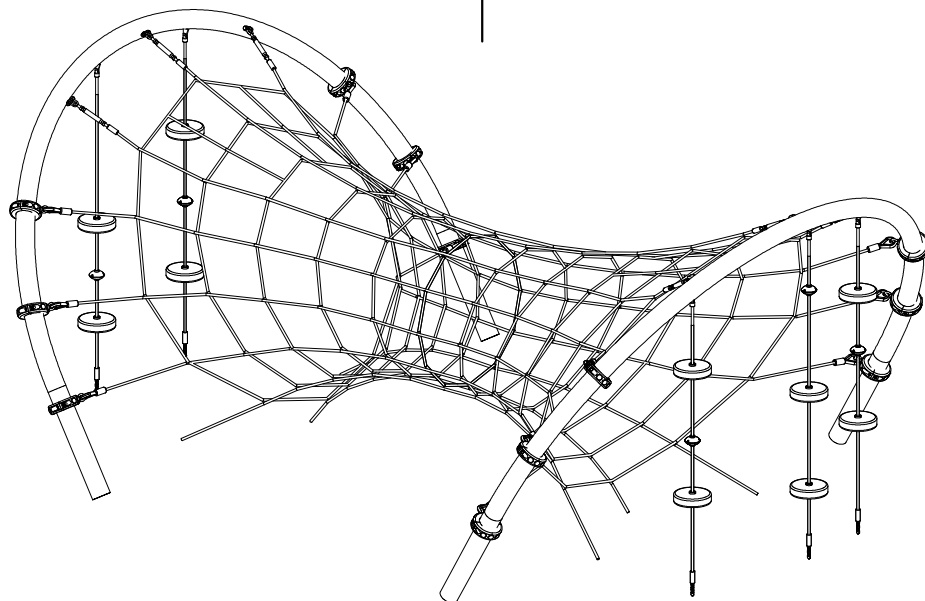
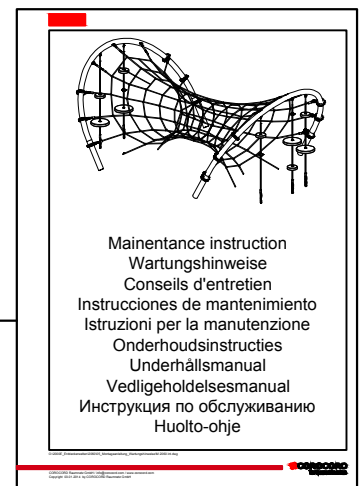
T 25

19)



O:\2000E_Entdeckerwelten\2060\05_Montageanleitung_Wartungshinweise\2060 int.dwg

Please tension the net after 6 months!
 After that no more re-tensioning is required.
 Bitte nach 6 Monaten Gebrauch das Netz spannen!
 Danach ist kein Nachspannen mehr erforderlich.
 Tendre le filet après 6 mois d'utilisation !
 Il ne sera plus nécessaire de retendre ensuite le filet.
 ¡Tensa por favor la red después de 6 meses!
 Después no se tiene que retensar más.
 Si praga di verificare la tensione della rete dopo 6 mesi!
 Dopo di che la tensione non più è richiesto.
 Gelieve het net na 6 maanden na te spannen.
 Na 6 maanden is na spannen niet meer vereist; wel controleren.
 Vänligen efterspänn nätet efter 6 månader!
 Efter att inte mer spänning krävs.
 Venligst efterspænd nettet efter 6 måneder!
 Derefter er yderligere efterspænding unødvendig.
 Проверьте натяжение через 6 месяцев!
 При необходимости отрегулируйте натяжение.
 Uudelleenkiristä verkko 6 kk kuluttua!
 Tämän jälkeen verkkoa ei tarvitse enää kiristää.
 Παρακαλούμε τεντώσετε το δίχτυ μετά από 6 μήνες!
 Μετά από αυτό δεν χρειάζεται να ξανατεντωθεί.



Notes to the foundation plan

The concrete for the foundations must be prepared in accordance with the strength class conforming to German standard C 25/30 (B 25), $f_{ck,cube} = 30 \text{ N / mm}^2$. The concrete must have a flowing consistency. The concrete must be com-

pacted during grouting by vibration, tamping, beating or puddling. In the anchor bar area, compacting must be carried out with special care.

The specified setting times must be adhered to.

The concrete for the anchor blocks and the post foundation is to be built into the foundation holes WITHOUT formwork, if there is solid ground.

In case of the anchor blocks having to be produced with formwork, the ground in FRONT of the anchor blocks must be well compressed after the moulding.

The measures centre of equipment to centre anchor bar hole = 1.72 resp. 2.80 m
 centre anchor bar hole to centre anchor bar hole = 3.45 resp. 2.38 m
have to be strictly followed, maximum deviation $\pm 2 \text{ cm}$.

All anchor blocks and the post foundation have to be positioned at the same level. The anchor bars have to be installed vertically and must not stand out more than 10 cm from the foundation. When installing the anchor bars the angle of inclination has to be in exact accordance with the measures given in the foundation plan.

All concrete foundations must be covered with minimum 40 resp. 55 cm of impact attenuating material. The upper edges of the foundations must be well bevelled or rounded off. In no case water may collect on the surfaces of the foundations.

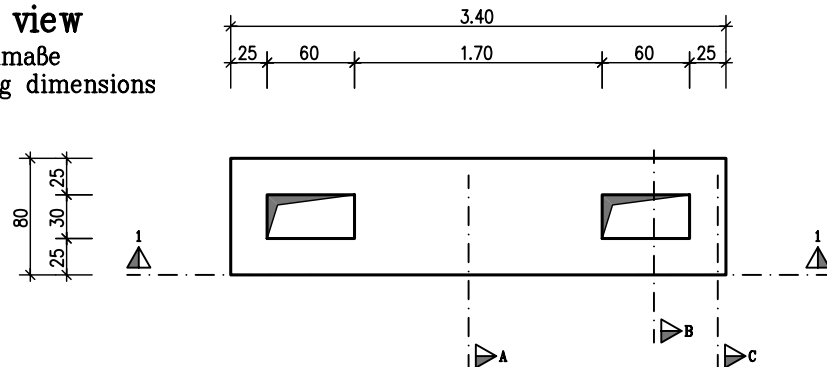
The indicated dimensions for anchor blocks apply only to solid ground of average weight-bearing capacity. In case of new earth fillings and loose ground

- the anchor blocks depths have to be increased to 60 cm.

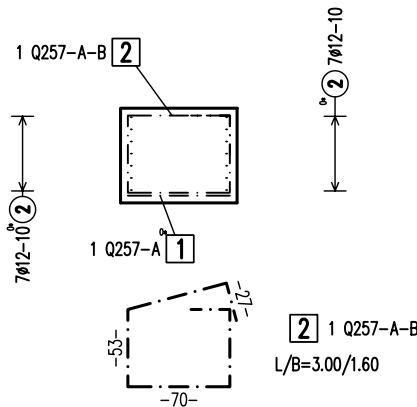
Fundamentbalken b/d=0,80x0,65 - l=3,40m
Foundation beams

Draufsicht
top view

Schalmaße
casing dimensions

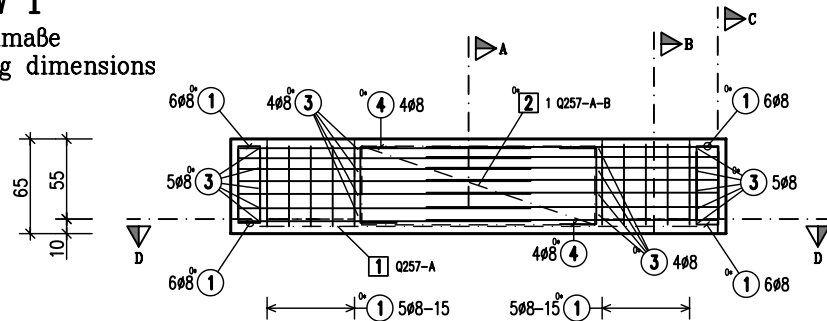


Schnitt A
sektion A

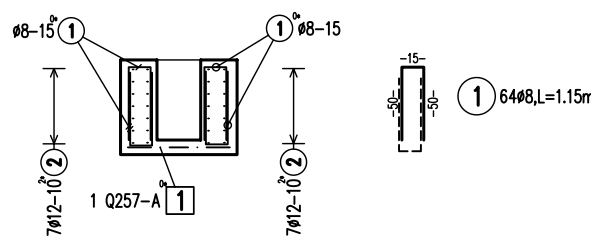


Ansicht 1
view 1

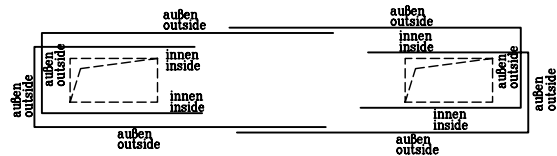
Schalmaße
casing dimensions



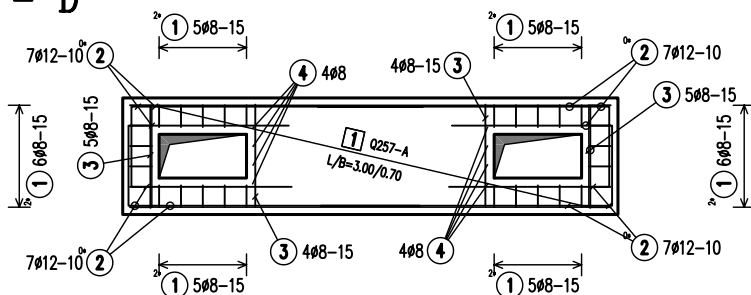
Schnitt B
sektion B



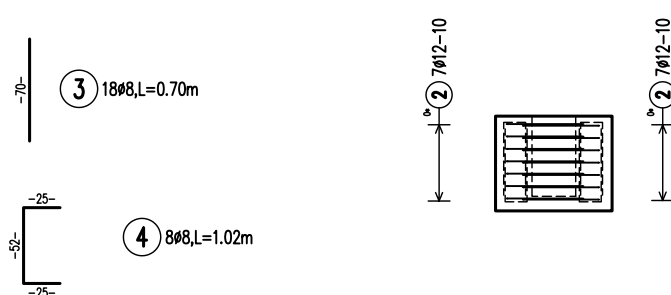
Verlegung Pos. 2
laying Pos. 2



Schnitt D - D
sektion D - D



Schnitt C
sektion C



STAHL LISTE Betonstahl: BST 500S					
Pos.	Stk.	d	Länge	D8	D12
1	64	8	1.15	73.60	
2	28	12	3.65		102.20
3	18	8	0.70	12.60	
4	8	8	1.02	8.16	
Gesamtlängen			94.36	102.20	
kg / m			D8 0.395	D12 0.888	
kg / d			37.272	90.754	
Gesamtgewicht (kg)			128.026		

MATTEN LISTE Betonstahl: BST 500M					
Pos.	Stk.	Typ	Länge	Breite	Fläche
1	1	Q257-A	3.00	0.70	2.10
2	1	Q257-A-B	3.00	1.60	4.80
Gesamtstahlmenge					
Typ		Fl(m2)	kg/m2	Gewicht(kg)	
Q257-A		6.90	4.120	28.428	
Gesamtgewicht netto (kg)					28.428
B = Matte wird um die Querachse gebogen					
B = Mat is bent around the transverse axis					

Biege- und Verlegeanweisung Bending and displacing instruction		nach DBV-Merkblatt 2002-07 according to DBV-bulletin 2002-07			
					
Stabkrümmungen Bar curvature		Haken Hook Bügel Link			
Stabdurchmesser Bar diameter d _s in mm		Stabdurchmesser Bar diameter d _s in mm			
6, 8, 10, 12 14, 16 20, 25, 28		6, 8, 10, 12 14, 16 20, 25, 28			
min d _{kr} = 150mm min d _{kr} = 240mm min d _{kr} = 375mm		min d _{kr} = 40mm min d _{kr} = 64mm min d _{kr} = 175mm			
Besondere Anforderungen: Particular requirement:					
Betonfestigkeitsklasse: Concrete grade:		Betonstahlsorte: Reinforcing steel:			
C25/30		Bst 500S, Bst 500M			
Alle Maße der Betonstahlauszüge sind Außenmaße ! All dimensions of reinforcement are outer dimensions!					
letzte Stabstahlposition last position of reinforcing bars		4 last position of reinforcing bars			
letzte Mattenposition last position of reinforcing mats		2 last position of reinforcing mats			
Betondeckung [mm] Concrete cover [mm]	Expositionsklasse Exposition class	Verlegemaß c _v Displace size c _v	Vorhaltemaß Δc Allowance Δc	Nennmaß c _{nom} Nominal size c _{nom}	
oben/außen upside/outside	XC4-XF1-WF	5,0			
unten/innen downside/inside	XC4-XF1-WF	5,0			
seitlich beside	XC4-XF1-WF	5,0			
					
Änderung: Revision:		Bezeichnung: Description:		erstellt: rendered:	Datum: Date:
Maßstab: Scale:		1:25		Datum: Date:	
Blattgr.: size:		.84*.55m		16.04.2013	
zug. Pläne: app. plans:				erstellt: rendered:	
Planart: Planing type:		Schal- und Bewehrungsplan formwork and reinforcement drawings		geprüft: reviewed:	
Bauteile: Components:		Fundamentbalken Foundation beams			
Bauherr: Building owner:					
Bauvorhaben: Building project:					
Spielmuschel					
 Dr.SCHROETER &Dr.KNEIDL BERATENDE INGENIEURE GMBH				Projekt/Project:	
				2013.04	
An den Städeln 3 * 92637 Weiden i.d.OPf. Telefon 0961-38159-0 * FAX 0961-61968				Plan-Nr./Sheets-No.:	
				SB-1	
Soficad-Dateiname: P:\GMBH\2013\201304_COROCORD_Spielmuschel\SB-1.dwg					