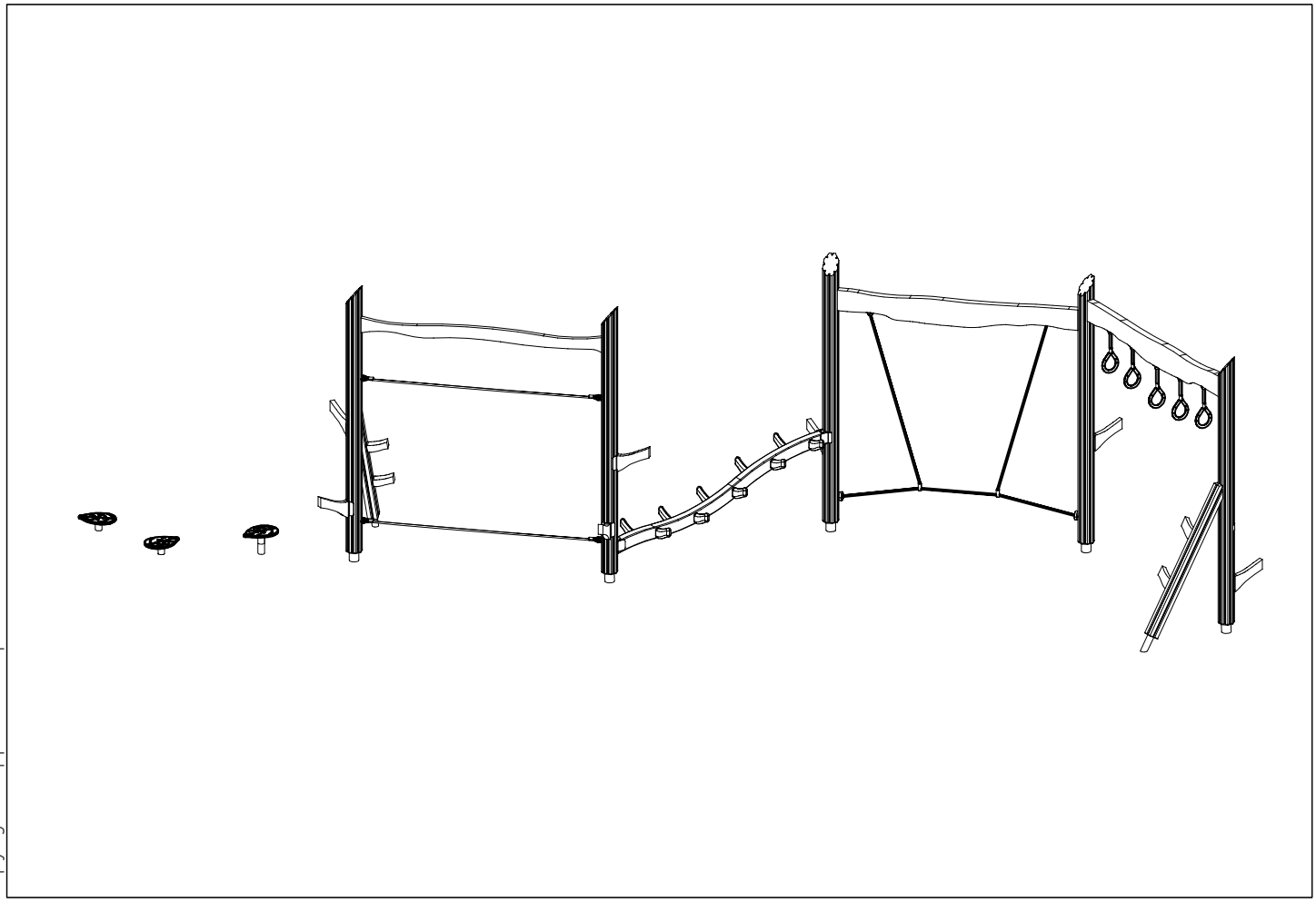
LAPPSET®

FINNO

ASENNUSOHJE
MONTERINGSANSVISNING
INSTALLATION INSTRUCTION
AUFBAUANLEITUNG
NOTICE D'INSTALLATION

DATE: 16.8.2024

QFL0052



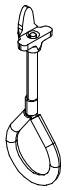
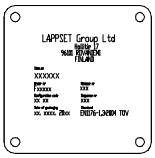
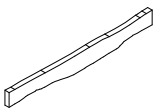
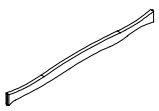
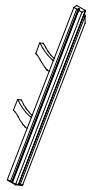
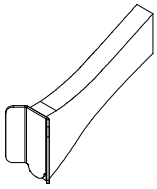
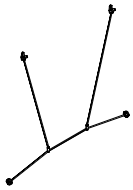
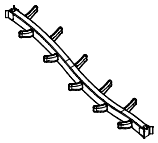
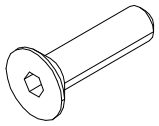
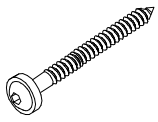
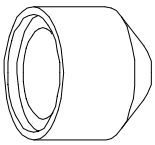
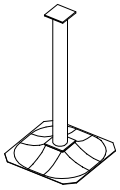
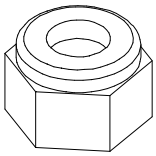
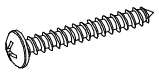
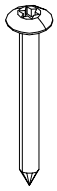
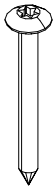
Copyright Lappset Group Ltd

LAPPSET®

FINNO

QFL0052

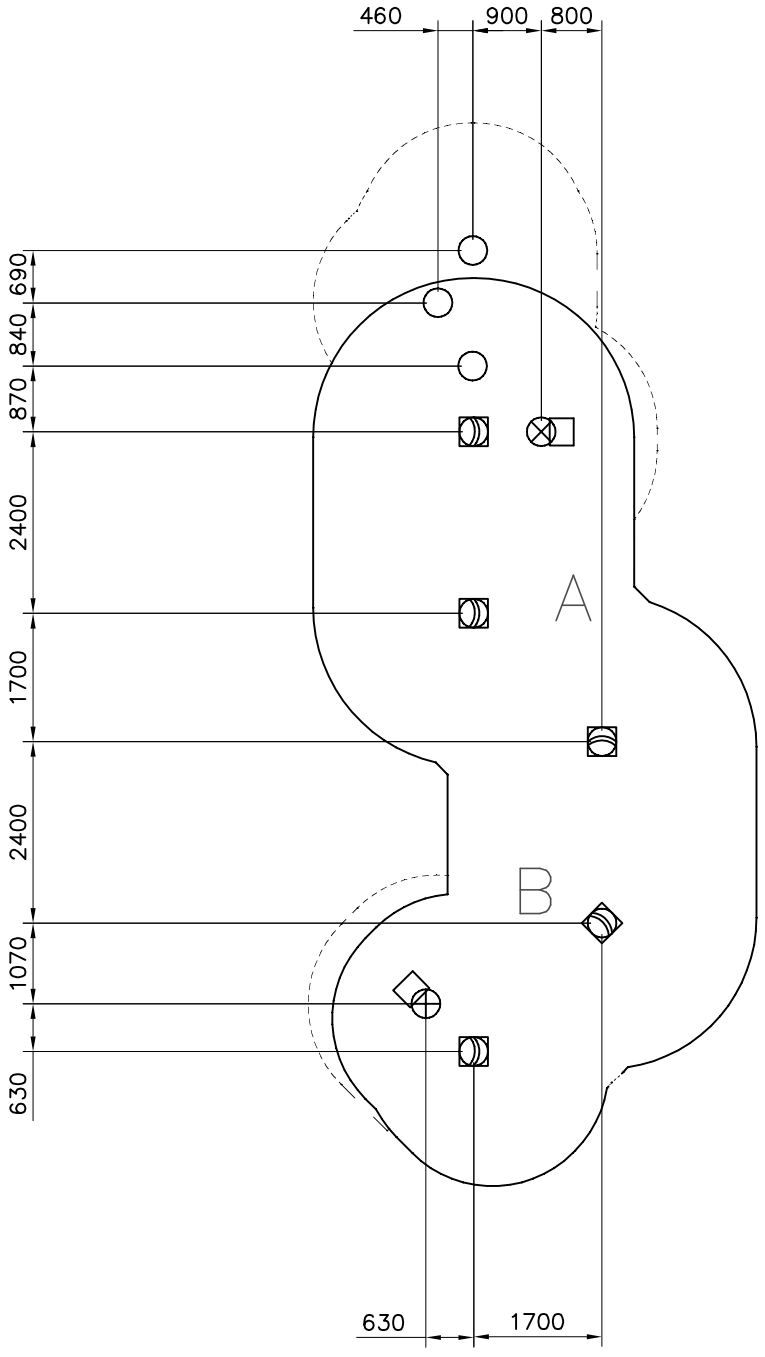
DATE: 31.7.2024

701683	PCS	702286	PCS	705377−001	PCS	705431−001	PCS	705804−001	PCS	705819−001	PCS
	5		1		5		2		1		2
L 400		65x65		140x140x2594		68x260x2280		45x145x2280			
711514−001	PCS	711515	PCS	711556−001	PCS	711863	PCS	901487	PCS	903093	PCS
	7		1		1		2		12		16
								M10x40		Ø8x90	
903112	PCS	905104	PCS	909521	PCS	909637	PCS	980114	PCS	980123	PCS
	5		60		5		12		4		10
I=750		M10				Ø20/10,5		Ø4x20		Ø7x60	
980128	PCS	P03805	PCS		PCS		PCS		PCS		PCS
	5		3								
Ø7x40		20x250x350									
	PCS		PCS		PCS		PCS		PCS		PCS
	PCS		PCS		PCS		PCS		PCS		PCS
	PCS		PCS		PCS		PCS		PCS		PCS

Copyright Lappset Group Ltd

EN/AS Impact Area 49.7 m2

Falling Space 58.4 m2
Max Falling Height 1450 mm



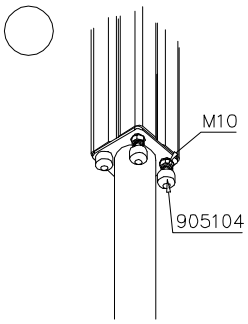
Copyright Lappset Group Ltd

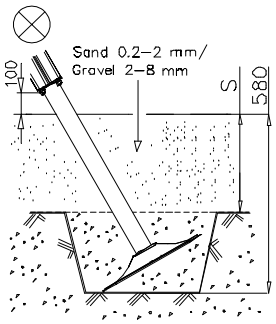
LAPPSET®
FINNO

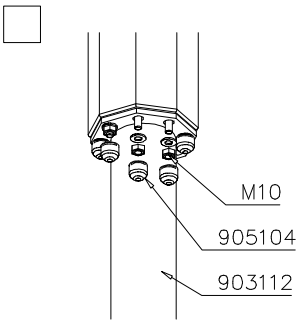
QFL0052

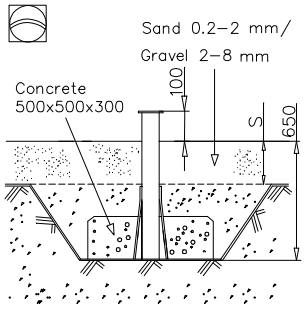
DATE: 16.8.2024

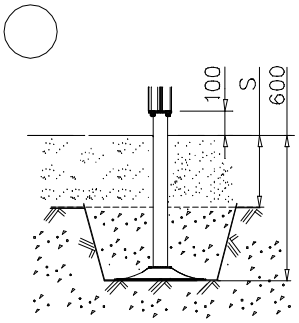
4A











Copyright Lappset Group Ltd

LAPPSET®

FINNO

QFL0052

DATE: **16.8.2024**

5

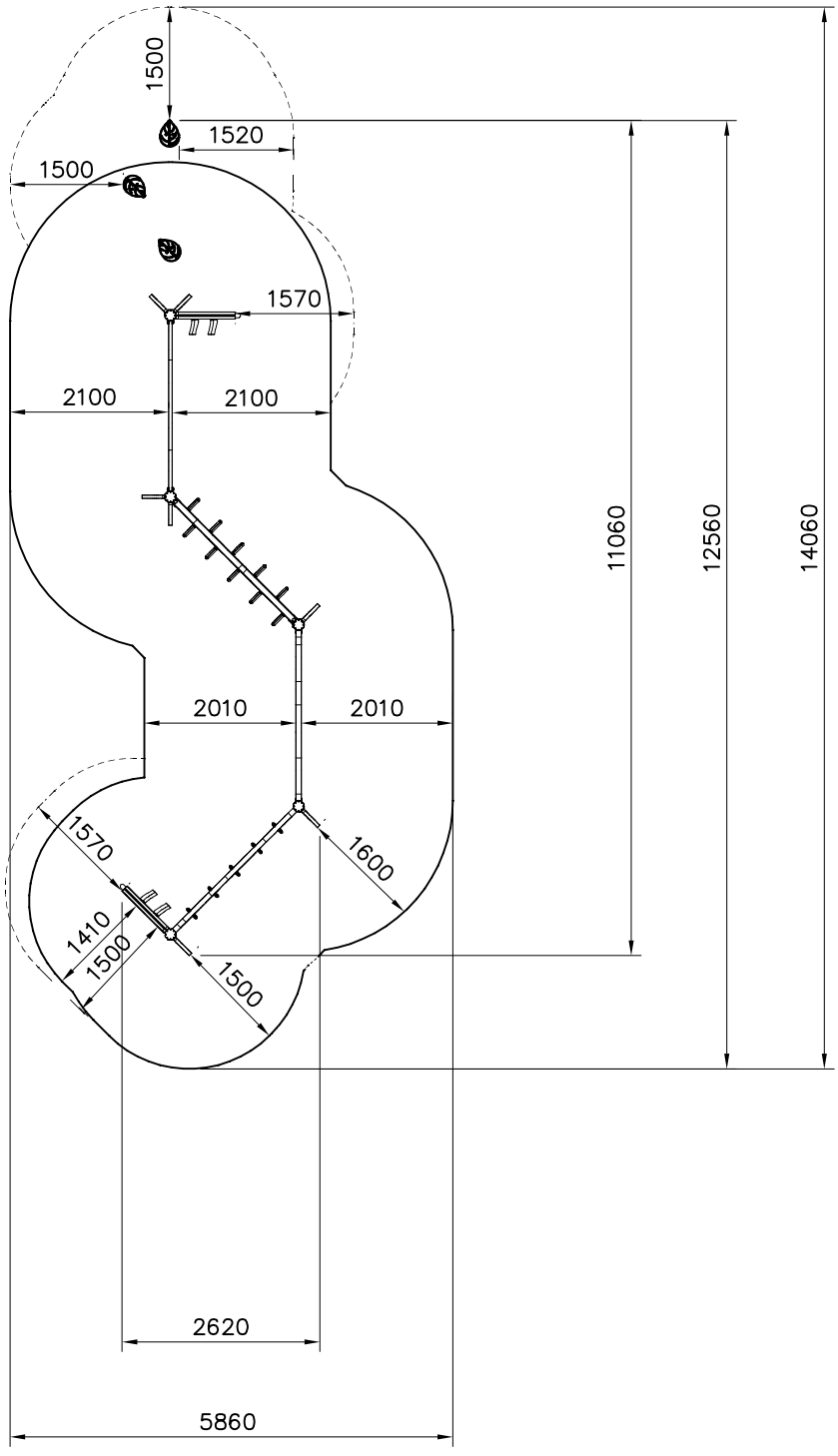
——— EN/AS Impact Area 49.7 m2

– – – – Falling Space 58.4 m2

Max Falling Height 1450 mm

1:100

0 5m



Copyright Lappset Group Ltd

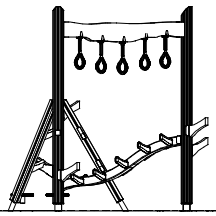
LAPPSET®

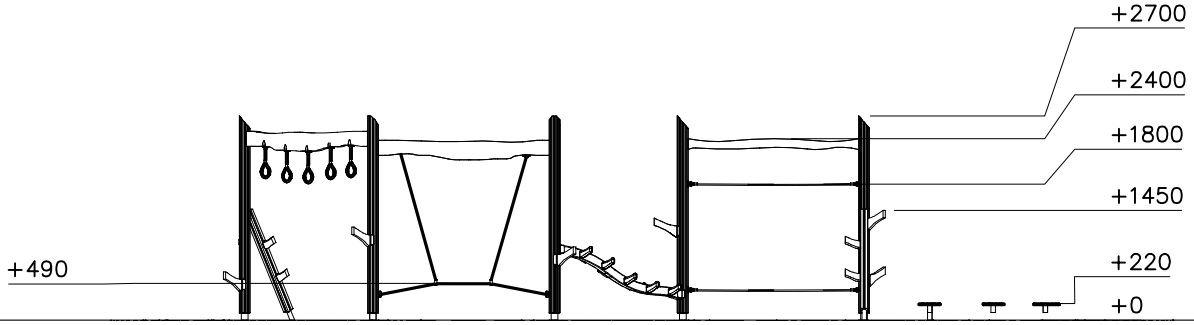
FINNO

QFL0052

DATE: 16.8.2024

5A





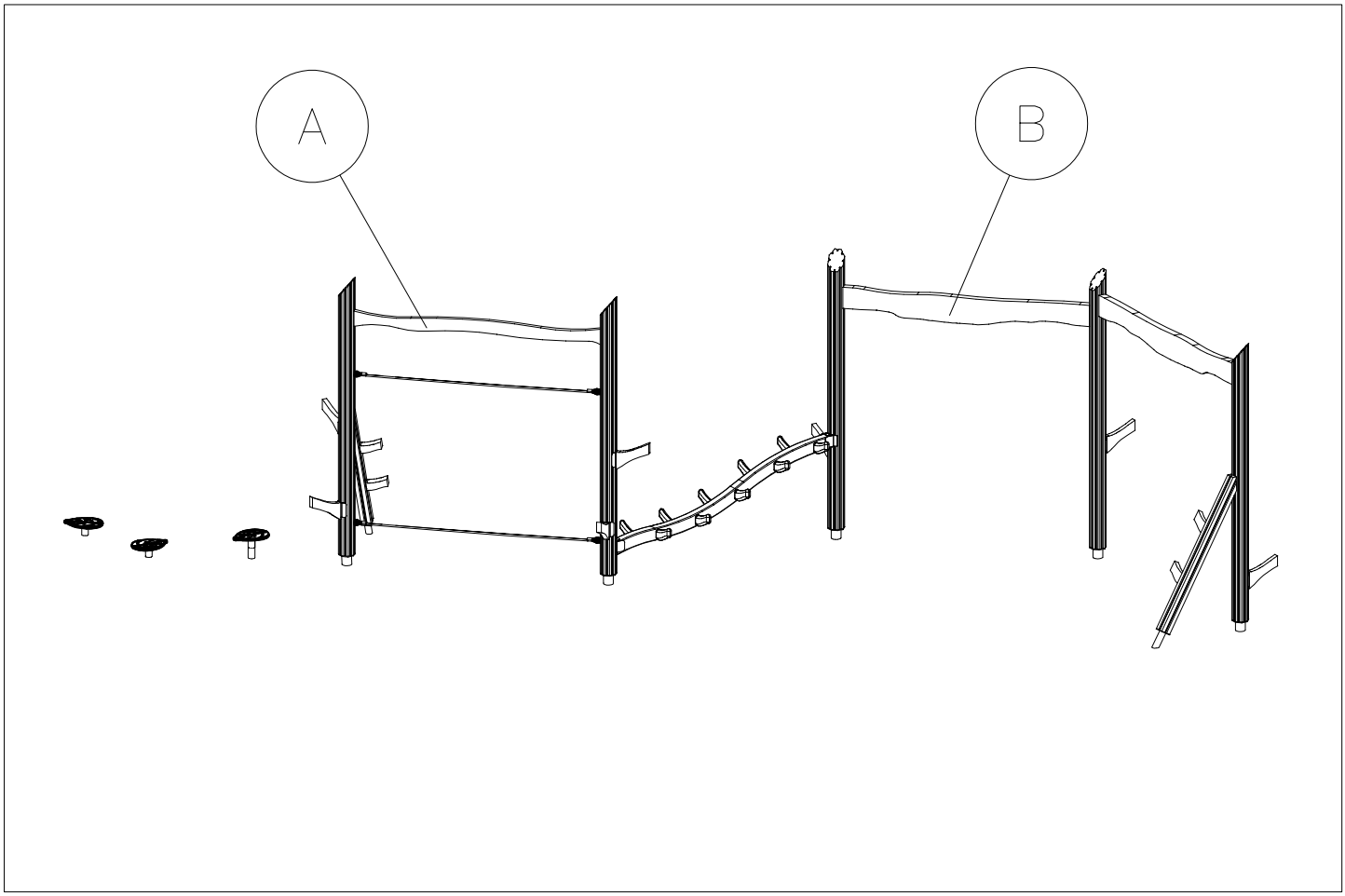
Copyright Lappset Group Ltd

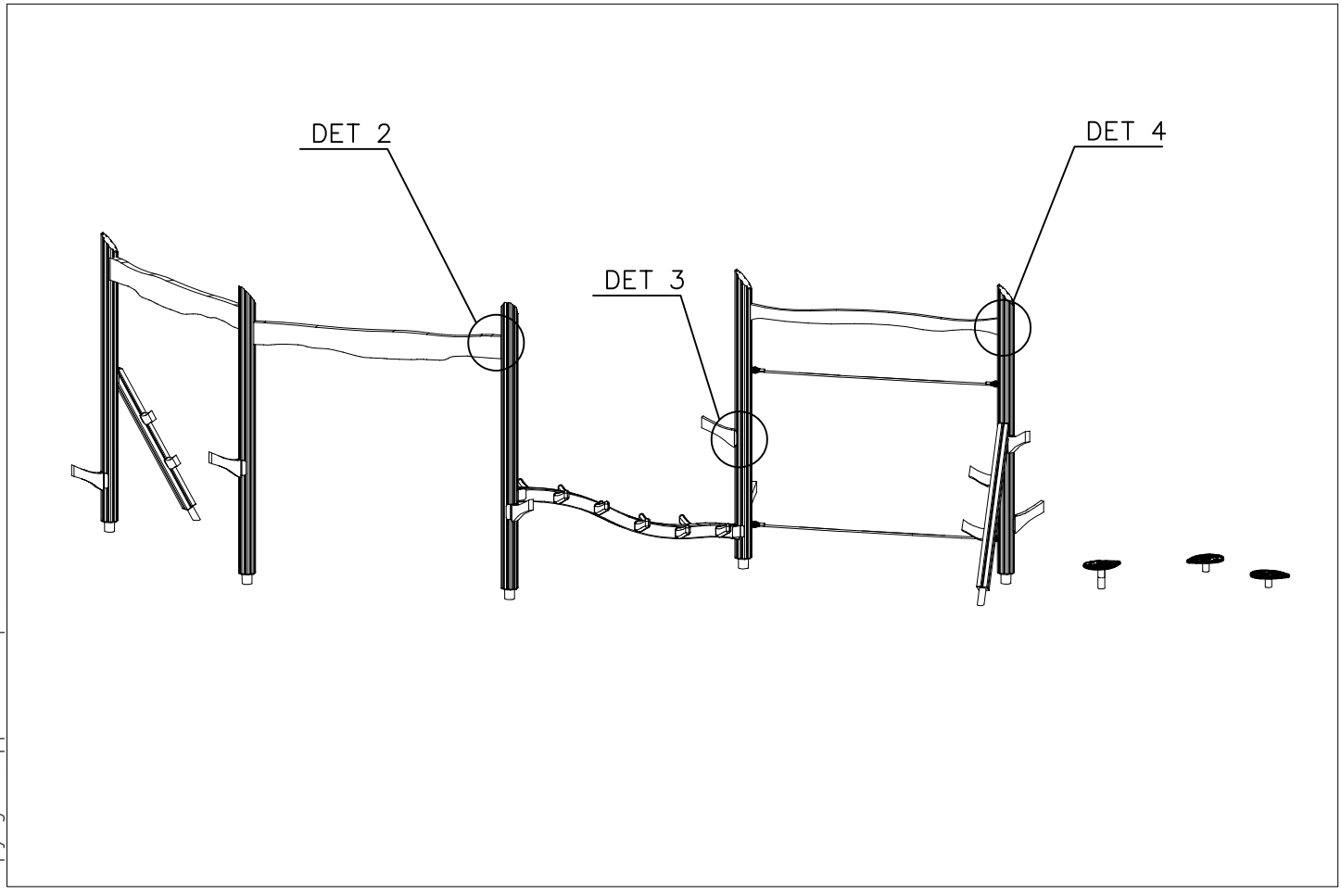
LAPPSET®

QFL0052

FINNO

DATE: 16.8.2024





Copyright Lappset Group Ltd

LAPPSET®

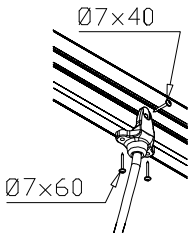
FINNO

QFL0052

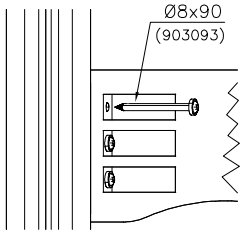
DATE: 16.8.2024

6A

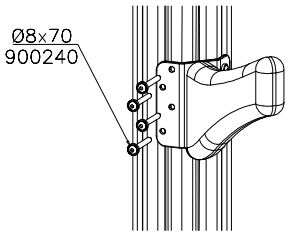
DET 1



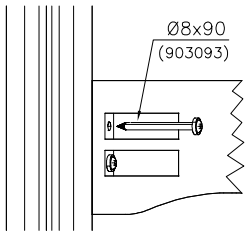
DET 2



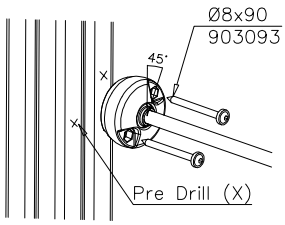
DET 3



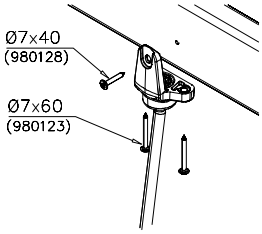
DET 4



DET 5



DET 6



Copyright Lappset Group Ltd

LAPPSET®

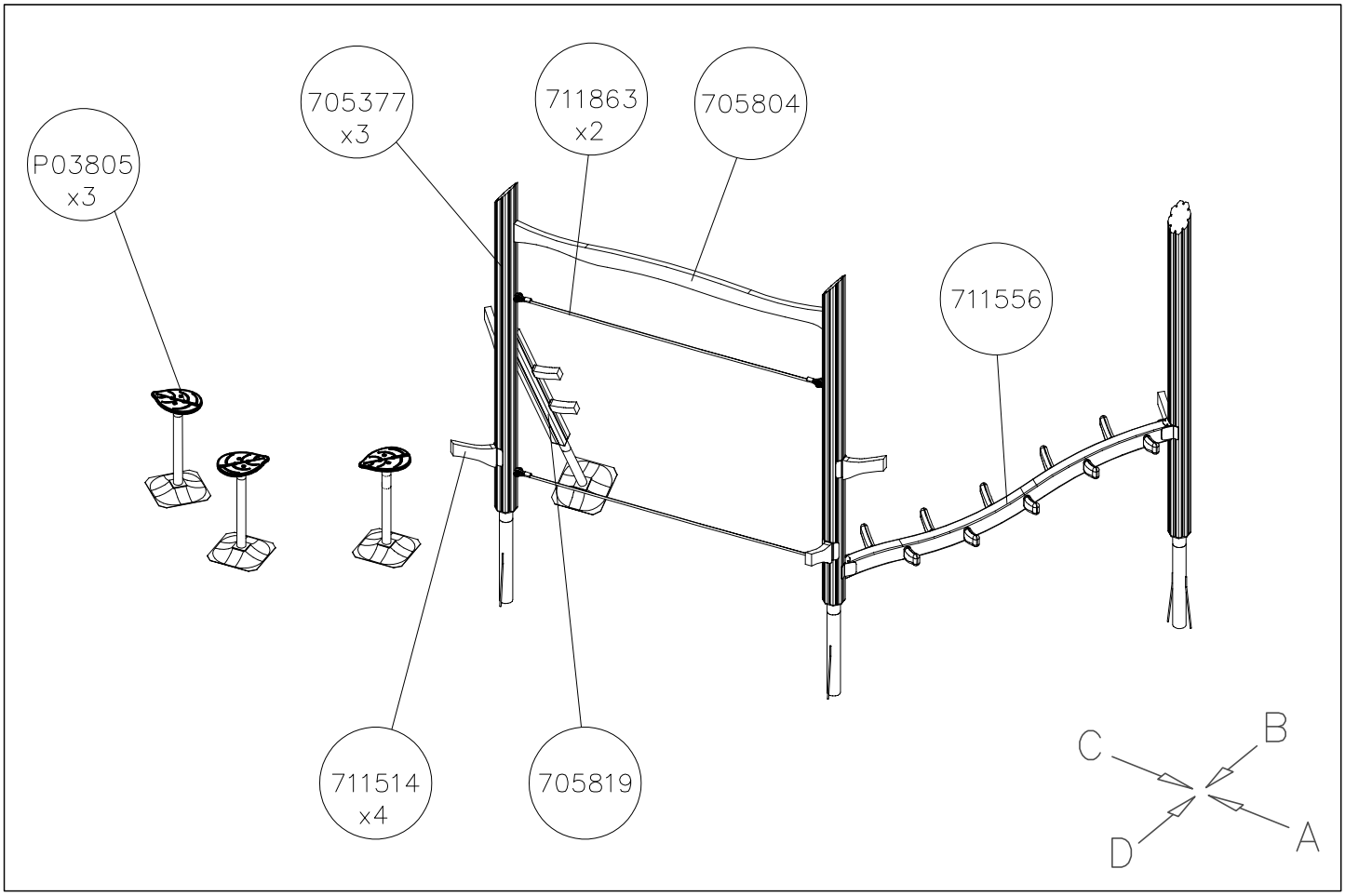
FINNO

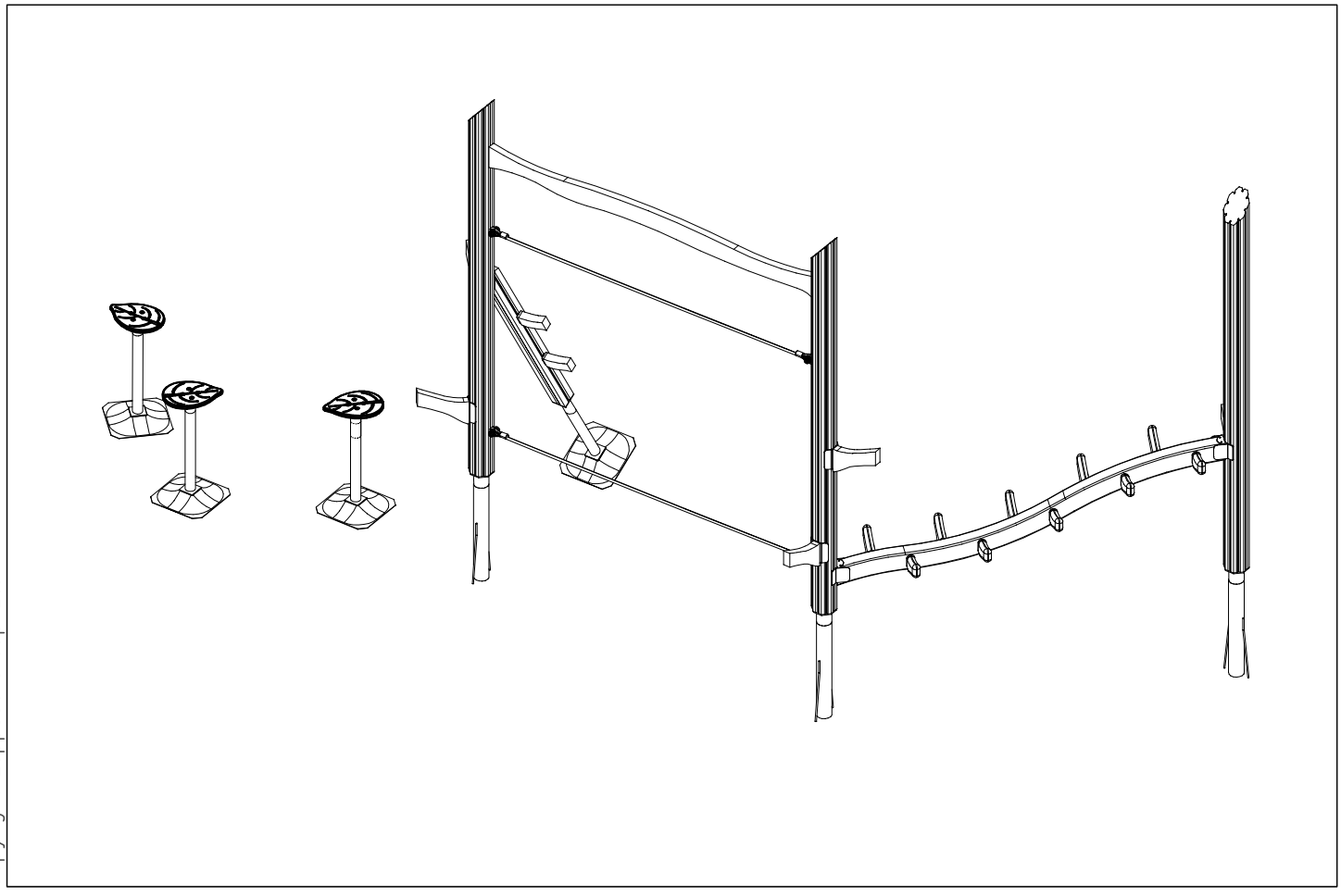
QFL0052

DATE: 16.8.2024

TOWER A

7





Copyright Lappset Group Ltd

LAPPSET®

FINNO

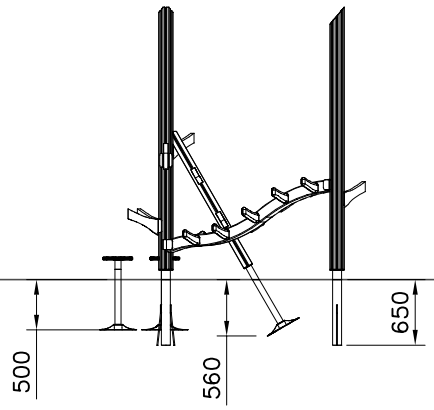
QFL0052

DATE: 16.8.2024

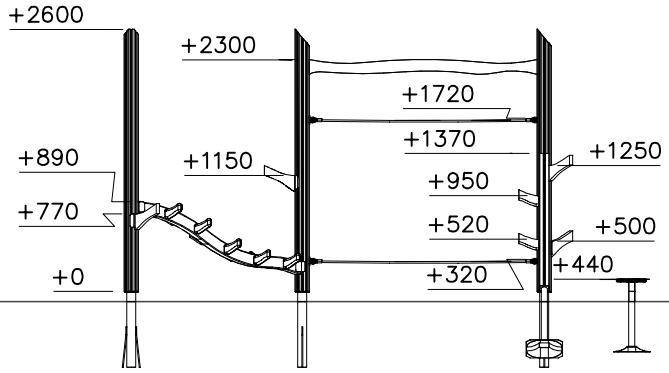
TOWER A
7a

1:75

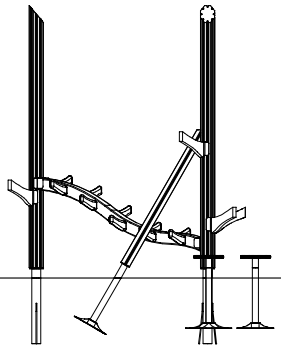
A



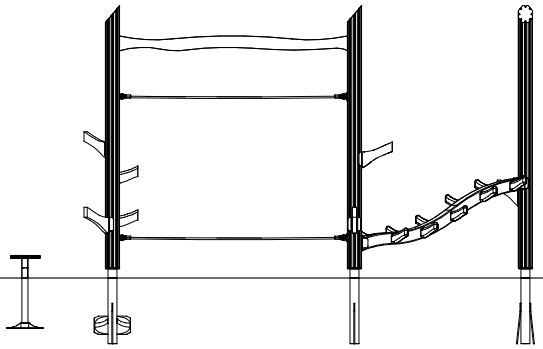
B



C



D



Copyright Lappset Group Ltd

LAPPSET®

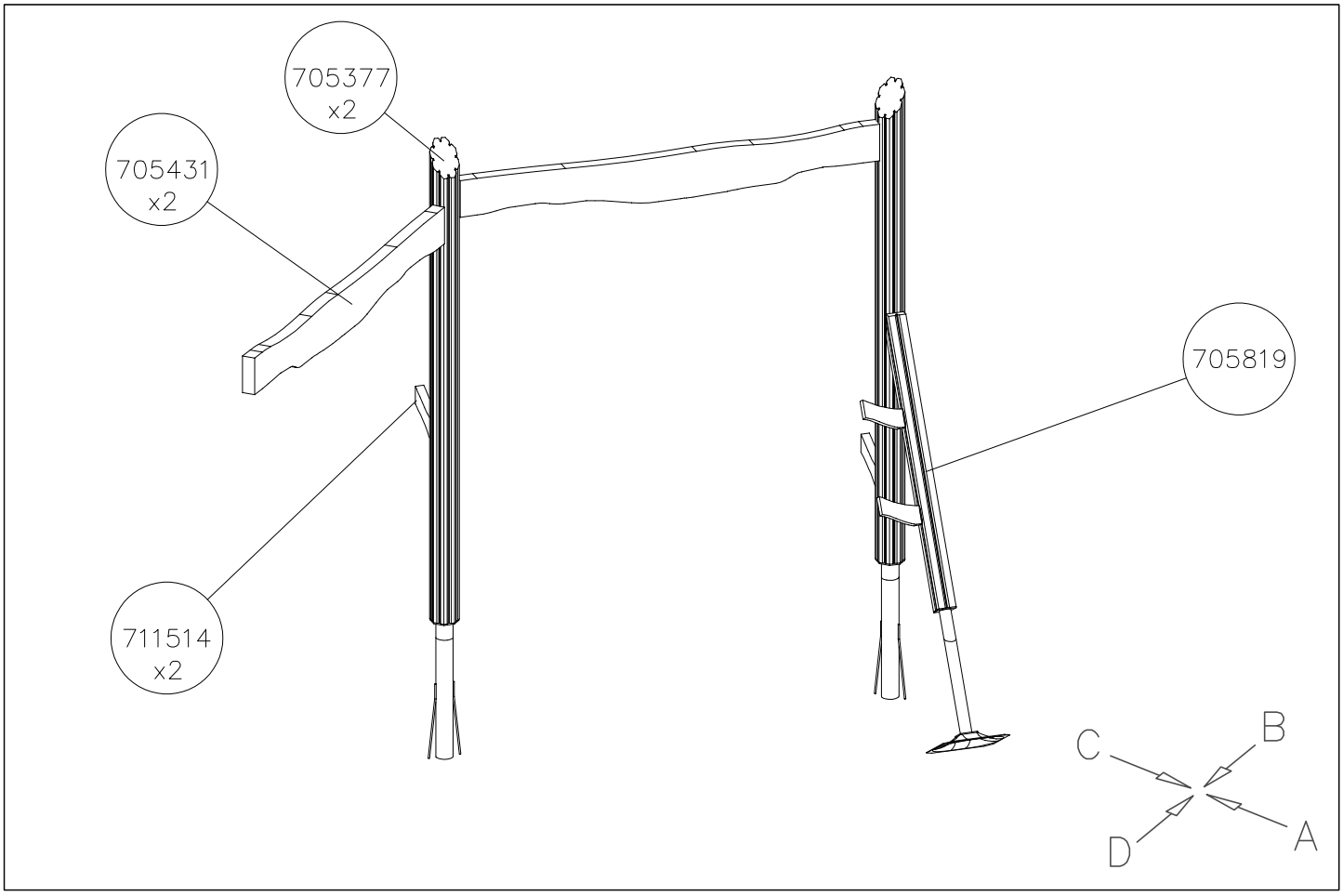
FINNO

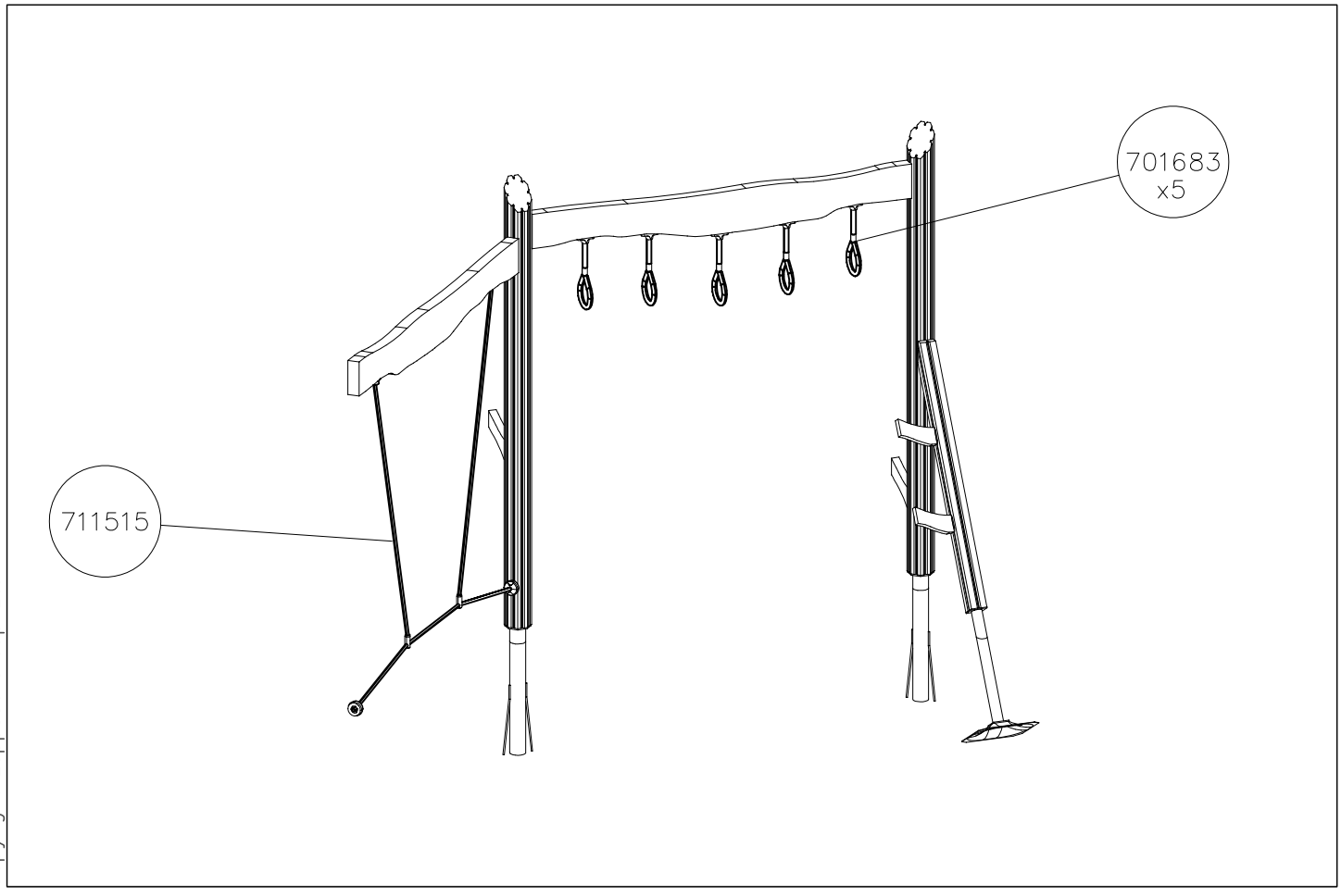
QFL0052

DATE: 16.8.2024

TOWER B

7b





Copyright Lappset Group Ltd

LAPPSET®
FINNO

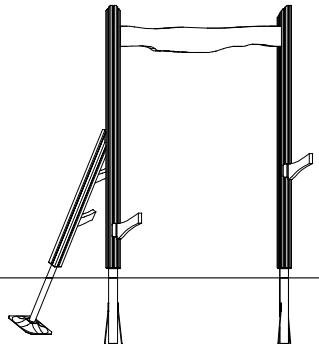
QFL0052

DATE: 16.8.2024

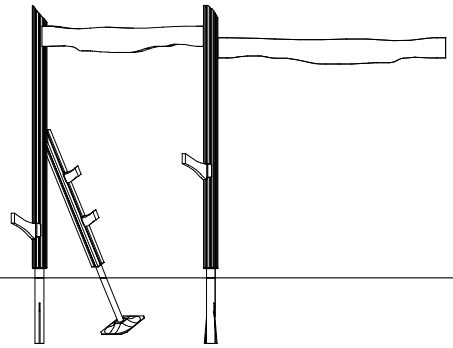
TOWER B
7c

1: 75

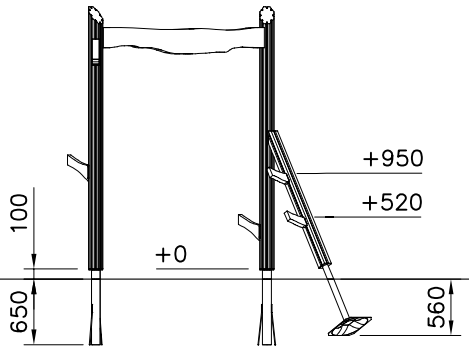
B



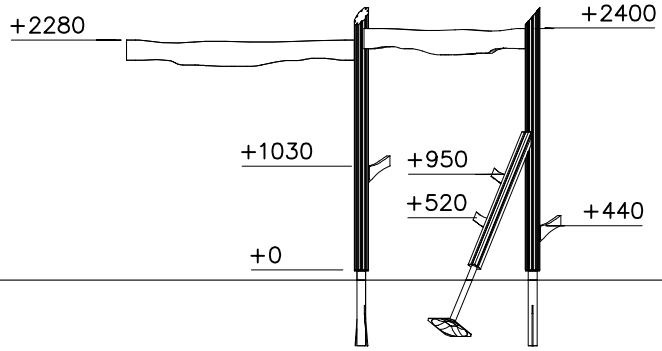
C



D



A



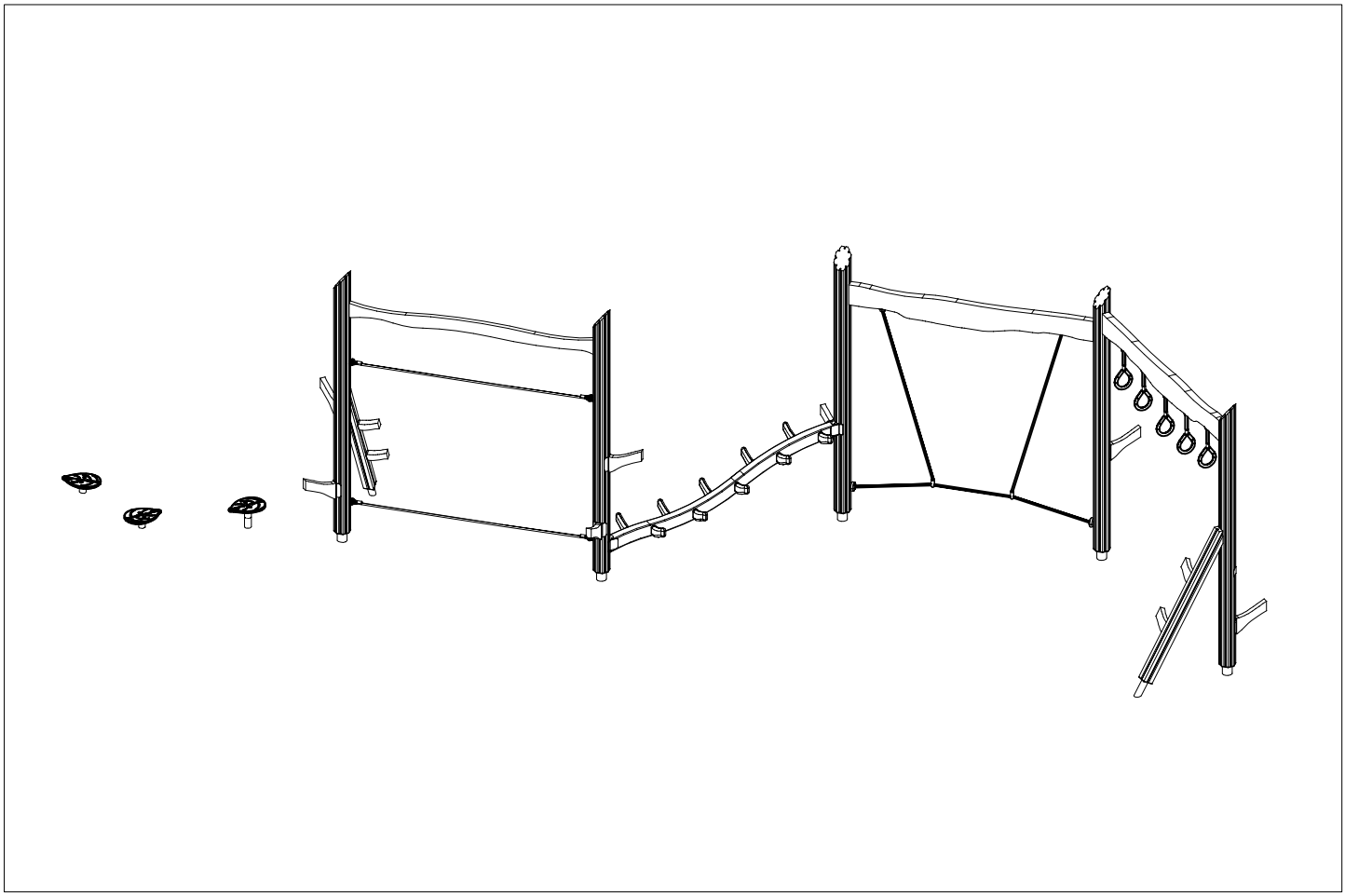
Copyright Lappset Group Ltd

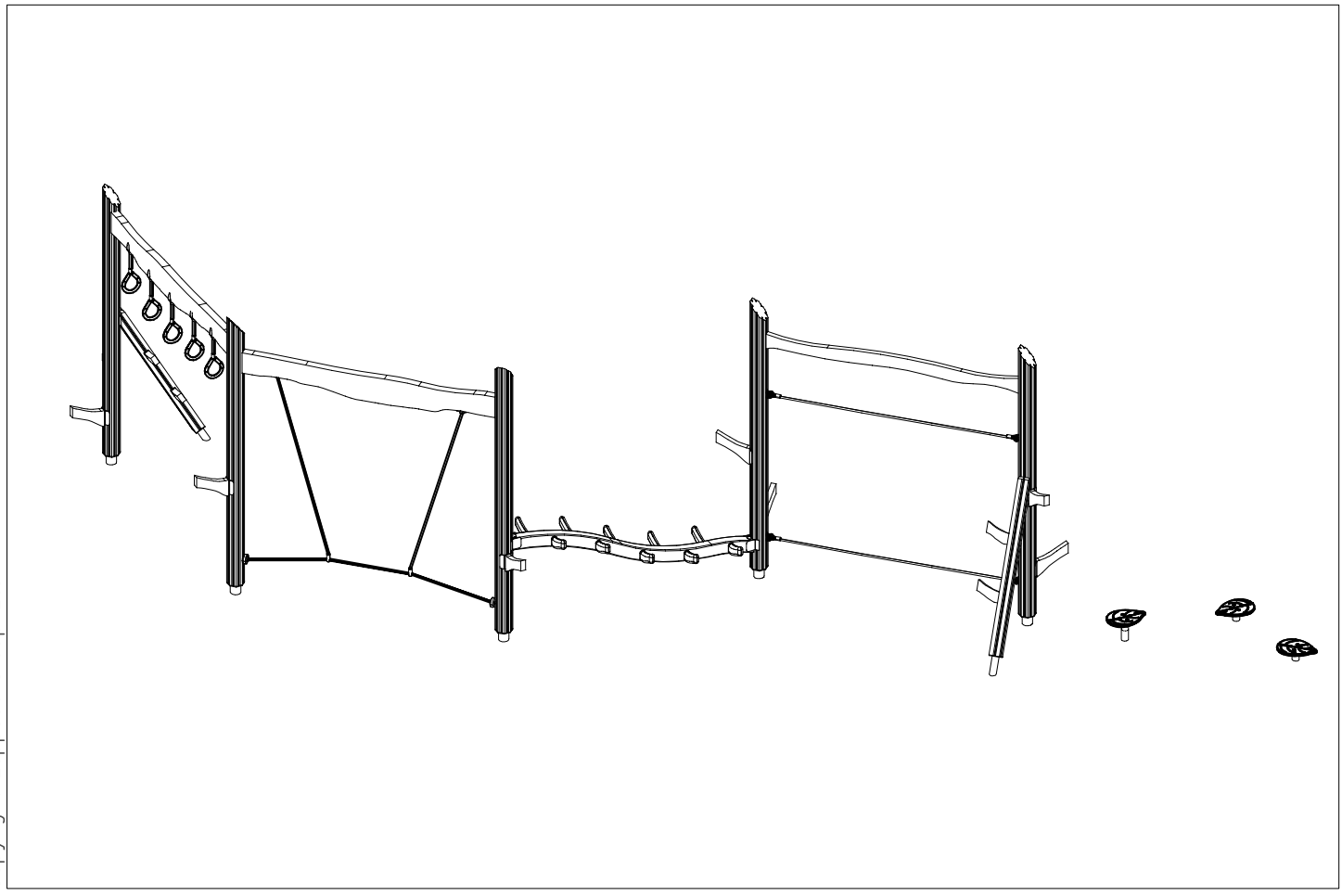
LAPPSET®

QFL0052

FINNO

DATE: 16.8.2024





Copyright Lappset Group Ltd

1. Tarkista tuoteosaluettelon ja osiin merkittyjen tuotenumeroiden avulla, että kaikki osat sisältyvät toimitukseen.

2. Valitse välineelle paikka ottaen huomioon valmistajan asennusohjeessa ilmoittamat turvaetäisyydet. Valitessasi välineen asennussuuntaa, huomioi mahdollinen altistuminen voimakkaalle auringonpaisteelle tai tuulelle. Tasoita alue ja tee ohjeen mukaiset perustustyöt. Varmista, että perustusosien alapuolinen maa on **tiivistetty riittävästi**. Tarvittaessa pohjamaa tulee vaihtaa murskeeseen tai vastaavaan kantavaan maa-ainekseen. Iskua vaimentavan pintamateriaalin vahvuus määräytyy laskentakaavan perusteella, joka esitetään perustusohjeen lisäsivulla.

3. Välineen rungon pystystysohje esitetään sivulla 6. Yksityiskohtaiset kuvat asennuksesta on koottu erillisille ohjesivuille, joissa ne on ryhmitelty kiinnitystavan mukaan. Runkoon kiinnitettävistä komponenteista on erilliset moduuliohjeet. Noudata valmistajan asennusohjeessa ilmoittamia mitoituksia.

4. Tarkasta, että väline on suorassa ja perustukseltaan tukeva. Syväperusteisissa välineissä on suoritettava **riittävä maan tiivistäminen** kaivantojen täytön yhteydessä.

5. Tee käyttöönottotarkastus ennen välineen käyttöönottoa toimitukseen sisältyvän pöytäkirjan mukaisesti. Pöytäkirja tulee dokumentoida. Muista, että pääsy välineeseen tulee estää, kunnes se on valmis, turvallinen ja kaikki asennustarvikkeet on viety pois.

Copyright Lappset Goup Ltd

1. Kontrollera stycklistan och delarna i förpackningen med hjälp av produktnumren.

2. När du väljer platsen för utrustningen bör du beakta de säkerhetsavstånd som tillverkaren meddelat i monteringsanvisningarna. När du väljer monteringsriktning måste du beakta eventuell exponering för solsken eller vind. Jämna ut underlaget och utför grundarbetet i enlighet med instruktionerna. Säkra att marken under fundamentet är tillräckligt komprimerad. Vid behov kan man ersätta jorden med krossad sten eller motsvarande bärande jordmaterial. Styrkan på det slagdämpande ytmaterialet bestäms med hjälp av beräkningsformeln som presenteras på fundamentinstruktionernas tilläggssida.

3. Monteringsanvisningarna till utrustningens stomme finns på sidan 6. Detaljerade bilder av installationen har samlats på separata instruktionssidor, där de har grupperats enligt monteringsmetod. Det finns specifika modulanvisningar till de komponenter som ska sättas fast i stommen. Följ de dimensioner som tillverkaren gett i monteringsanvisningarna.

4. Kontrollera att utrustningen står rakt och stabilt. För utrustningar med djupt fundament måste man komprimera jorden ordentligt när man fyller igen groparna.

5. Innan utrustningen tas i bruk ska en slutbesiktning i enlighet med protokollet i leveransen utföras. Protokollet måste dokumenteras. Kom ihåg att tillträde till utrustningen måste förhindras tills den är färdig monterad, säker och alla monteringstillbehör avlägsnats.

Copyright Lappset Goup Ltd

1. Use the parts list and the markings on the components to make sure that you have all of the necessary parts.

2. Choose a location for the product, taking into account the safety margins specified in the mounting instructions. When deciding on the orientation of the product, pay attention to potential sun and wind loads. Level the ground and prepare the foundations as instructed. Make sure that the ground underneath the foundations is solidly packed. If necessary, replace soil with wood chips or some other sturdy material. The thickness of the safety surfacing should be calculated using the formula supplied with the mounting instructions.

3. Assemble the frame of the product in accordance with the instructions on page 6. Detailed instructions for the different mounting alternatives are shown in the supplement. Separate instructions are provided for the modular components that will be attached to the frame. Please follow the stated measurements carefully.

4. Make sure that the product is mounted straight and firmly into the ground. Remember to pack the soil carefully when refilling the excavation around deep-mounted structures.

5. Inspect the installation thoroughly using the checklist provided. Document the completed checklist carefully. Remember to stop children from using the product until it has been fully built and safety-tested and all mounting equipment has been cleared away.

Copyright Lappset Goup Ltd

1. Überprüfen Sie die Lieferung auf Vollständigkeit, indem Sie das Teileverzeichnis mit der Lieferung abgleichen.

2. Wählen Sie einen Standort für das Gerät und berücksichtigen Sie die vom Hersteller in der Installationsanleitung genannten Sicherheitsabstände. Bei der Ausrichtung des Gerätes beachten Sie den möglichen Einfluss von starker Sonneneinstrahlung oder Wind. Ebnen Sie den Bereich und führen Sie die Fundamentarbeiten nach der Anleitung durch. Stellen Sie sicher, dass der Boden unter den Fundamentteilen ausreichend verdichtet ist. Wenn nötig, muss das Untergrundmaterial durch Split oder ein anderes tragfähiges Material ausgetauscht werden. Die Stärke des stoßdämpfenden Oberflächenmaterials wird auf Grundlage einer Formel berechnet, die im Anhang der Anleitung für die Fundamente dargestellt ist.

3. Die Aufbauanleitung für den Rahmen des Gerätes finden Sie auf Seite 6. Detaillierte Bilder der Installation sind auf gesonderten Anleitungsseiten zusammengestellt, auf denen sie nach ihrer Befestigungsweise geordnet sind. Für die am Geräterahmen befestigten Komponenten gibt es besondere Modulanleitungen. Halten Sie die in der Installationsanleitung vom Hersteller genannten Maße ein.

4. Überprüfen Sie, dass das Gerät in Waage steht und sicher am Boden verankert ist. Bei Geräten mit Tiefenfundamenten muss der Boden beim Auffüllen des Aushubs ausreichend verdichtet oder betoniert werden.

5. Führen Sie eine Inbetriebnahmeüberprüfung entsprechend des im Lieferumfang enthaltenen Protokolls durch, bevor das Gerät benutzt wird. Das Protokoll muss aktenkundig dokumentiert werden. Denken Sie daran, dass der Zugang zum Gerät verhindert werden muss, bis es fertig und sicher ist und alle Installationswerkzeuge entfernt sind.

Copyright Lappset Goup Ltd

1. Vérifier à l'aide de la liste des pièces et des numéros de produit marqués sur les pièces que la livraison comprend toutes les pièces nécessaires.

2. Choisir un bon emplacement pour l'équipement, compte tenu des distances de sécurité indiquées par le fabricant dans les instructions de montage. Tenir compte de l'exposition éventuelle aux forts rayons de soleil ou au vent lors du choix du sens de montage de l'équipement. Egaliser la surface de l'emplacement choisi et effectuer les travaux de fondation conformément aux instructions. S'assurer que le sol sous les pièces de fondation a été suffisamment compacté. Si besoin est, le sol de fondation doit être remplacé par des pierres concassées ou un matériau portant similaire. L'épaisseur du matériau de surface anti-choc est calculée selon la formule indiquée à la page supplémentaire des instructions de fondation.

3. Les instructions d'érection de l'ossature de l'équipement sont indiquées à la page 6. Les images détaillées du montage sont adjointes aux pages d'instruction séparées où elles sont groupées selon le mode de fixation. Des instructions modulaires séparées sont données pour les composants à fixer sur l'ossature. Respecter les mesures données par le fabricant dans les instructions de montage.

4. Vérifier que l'équipement est droit et que sa fondation est solide. Dans le cas des équipements dont la fondation se trouve sous le sol, le sol doit être suffisamment compacté lors du remplissage des trous.

5. Effectuer un contrôle de mise en service conforme au procès-verbal compris dans la livraison avant la mise en service de l'équipement. Ce procès-verbal doit être documenté. Ne pas oublier d'empêcher l'accès à l'équipement jusqu'à ce que celui-ci soit prêt et sûr et que tous les outils de montage aient été enlevés.

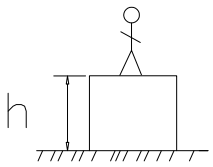
Copyright Lappset Goup Ltd

LAPPSET®

Impact Area EN 1176

REF:
DATE: 20.2.2018

4x



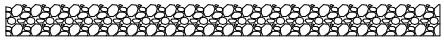
h < 600

Without movement and therefore without Impact Area

Totally hard surfaces.

Note. Lappset does not recommend totally hard surfaces at all.

E.g. concrete or asphalt



h < 600

With movement e.g. rocking

Materials with very limited impact attenuating properties.

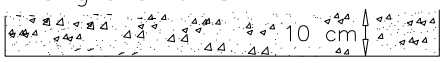
E.g. wood



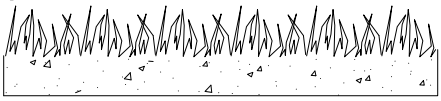
h < 1000

Materials with significant impact attenuating properties.

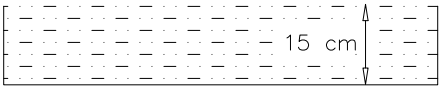
fine gravel 0–8 mm



grass



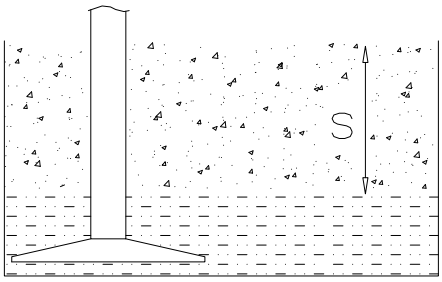
unsorted sand



h < 3000

Loose fill material

E.g.
sand/gravel 0,25...8 mm D60/D10<3,0
Woodchips 5...30 mm
bark 20...80 mm

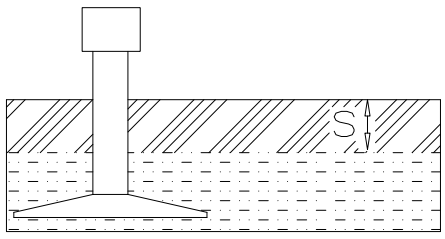


S	h
30 cm	< 2,0 m
40 cm	< 3,0 m

Syntethic granulates

S	h
40 mm	~> 1,2...1,3 m
50 mm	~> 1,5...1,7 m
60 mm	~> 1,8...2,0 m
70 mm	~> 2,1...2,5 m

Note. For accurate values, see manufacturer's instructions.

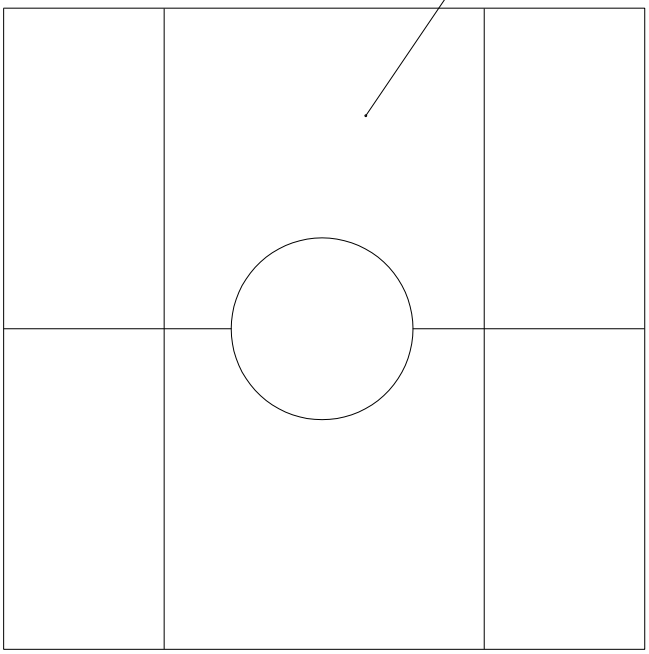


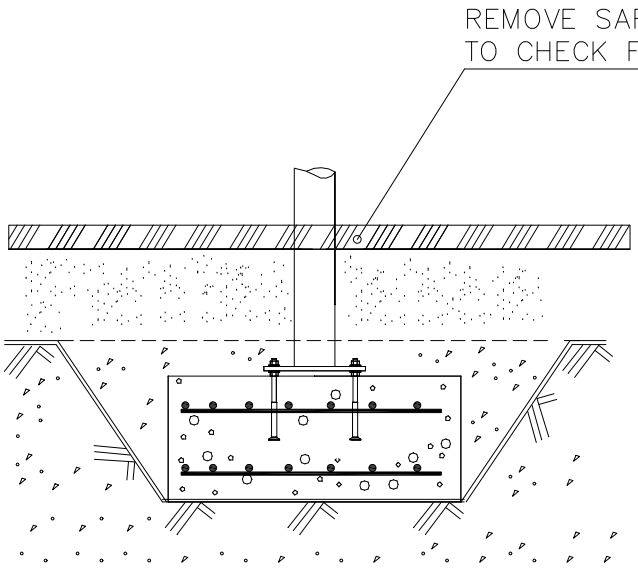
Copyright Lappset Group Ltd

LAPPSET®

EN 1176 FOUNDATION

REF:
DATE: 20.2.2018





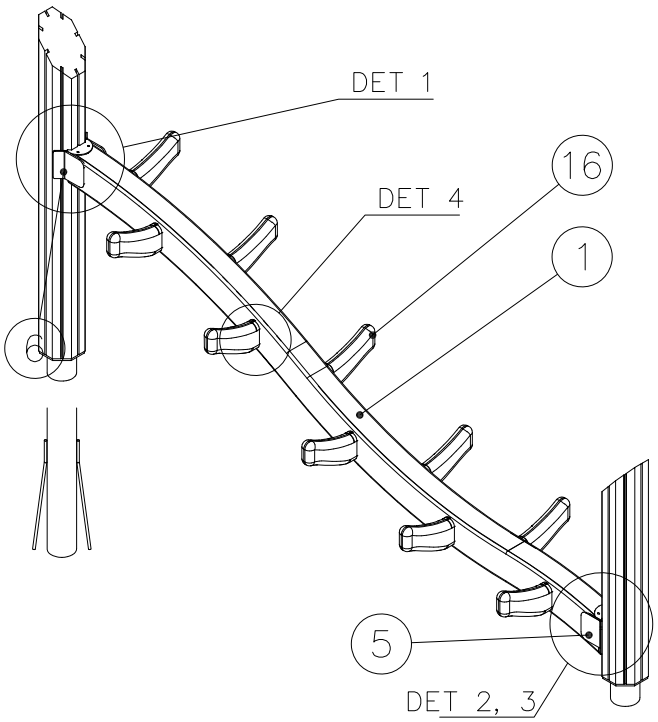
Copyright Lappset Group Ltd

LAPPSET®

711556

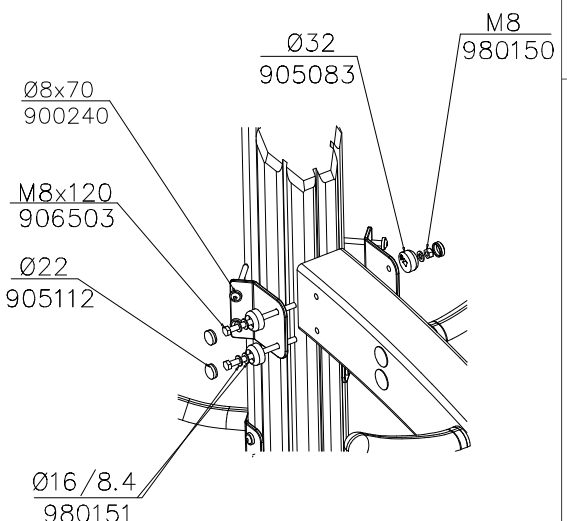
FLORA

DATE: 20.6.2024

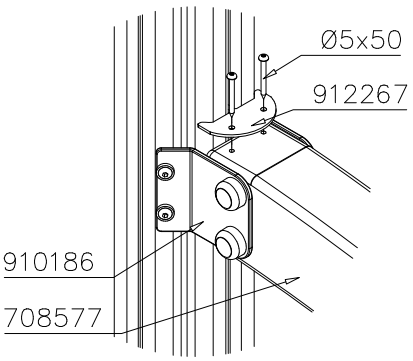


		PCS
1	708571 86x115x2260	1
2	905083 Ø32	8
3	905112 Ø22	8
4	906503 M8x120	4
5	910186 100x119	4
8	980150 M8	4
9	980151 Ø16/8.4	20
10	912267 3x54x86	2
11	980135 Ø5x50	4
12	900240 Ø8x70	4
13	980154 Ø24/13	20
14	980161 M10	20
15	905103 PT-28/32-H	20
16	705643	10

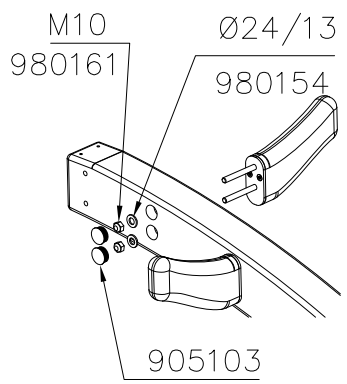
DET 1



DET 2



DET 3



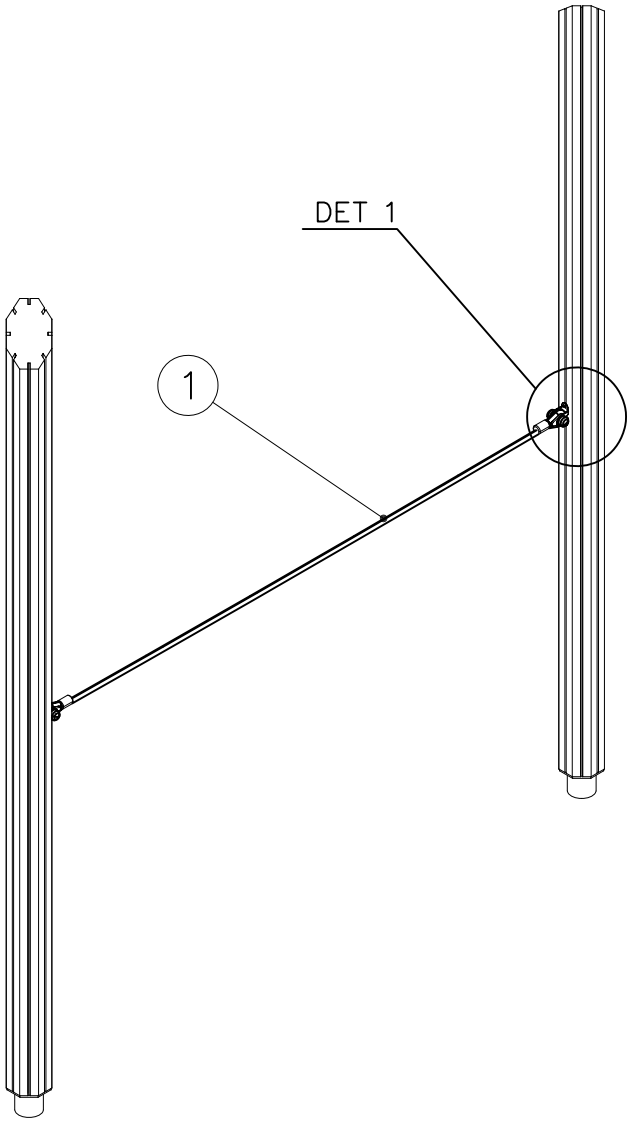
Copyright Lappset Group Ltd

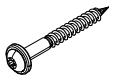
LAPPSET®

711863

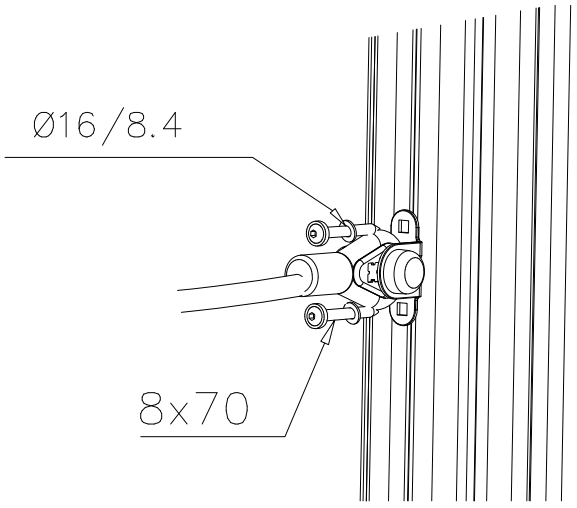
FLORA

DATE: 26.4.2024



① 705808	PCS	② 900240	PCS
	1		4
Ø16x2260		Ø8x70	
	PCS		PCS
	PCS		PCS
	PCS		PCS
	PCS		PCS

DET 1



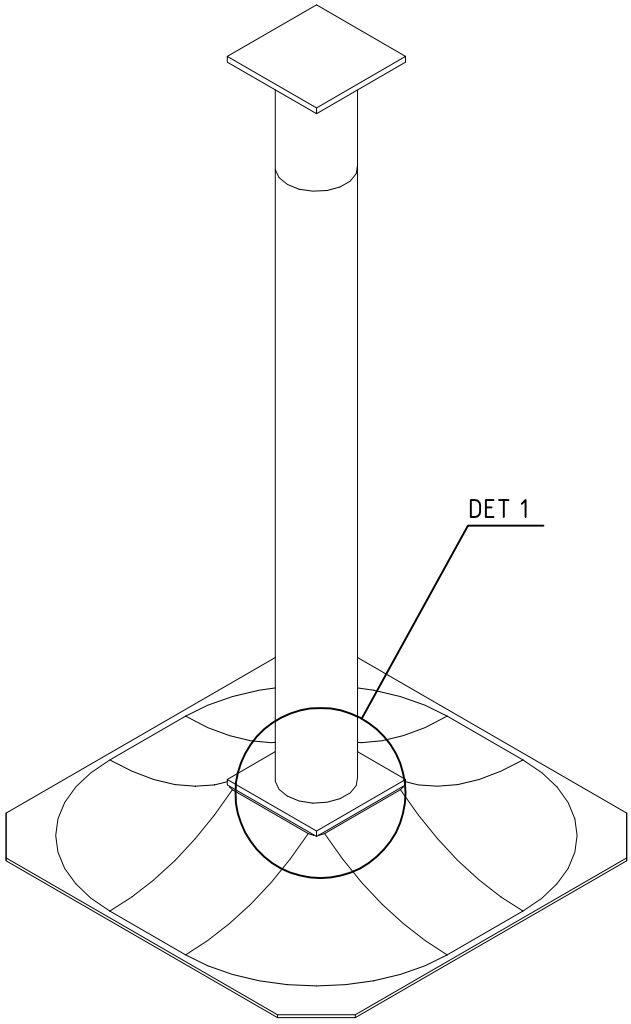
Copyright Lappset Group Ltd

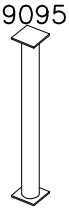
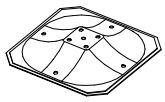
LAPPSET®

909521

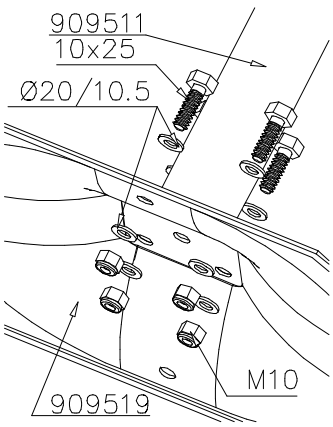
FINNO

DATE: 15.6.2003



① 909511 	PCS	1	② 909519 	PCS	1
③ 909637  M10	PCS	4	④ 909638  Ø20/10.5	PCS	8
⑤ 909639  M10x25	PCS	4		PCS	
	PCS			PCS	
	PCS			PCS	
	PCS			PCS	
	PCS			PCS	
	PCS			PCS	

DET 1



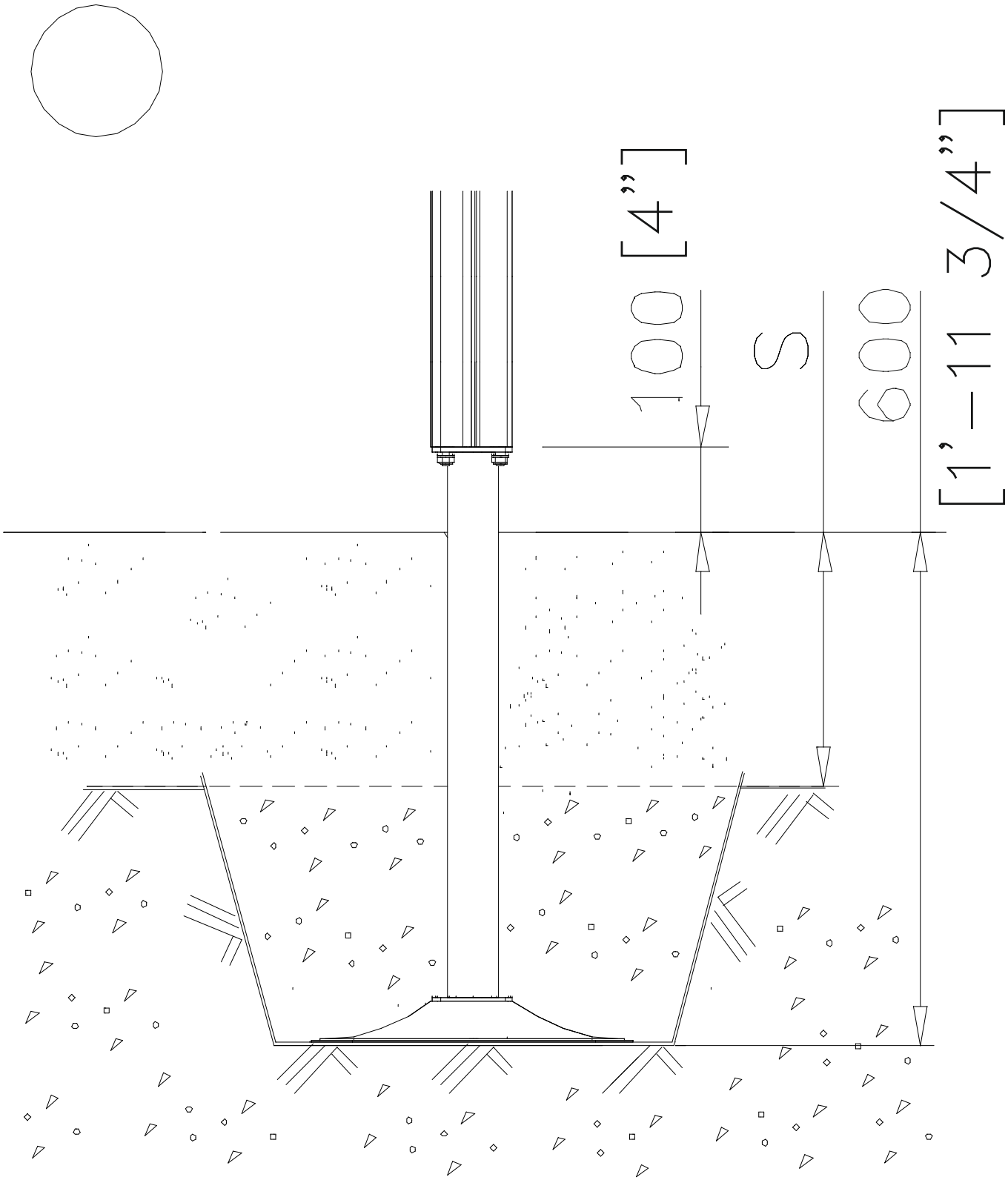
Copyright Lappset Group Ltd

LAPPSET®
DEEP FOUNDATION

FOOT

DATE: 31.1.2025

4A



Copyright Lappset Group Ltd

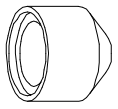
LAPPSET®

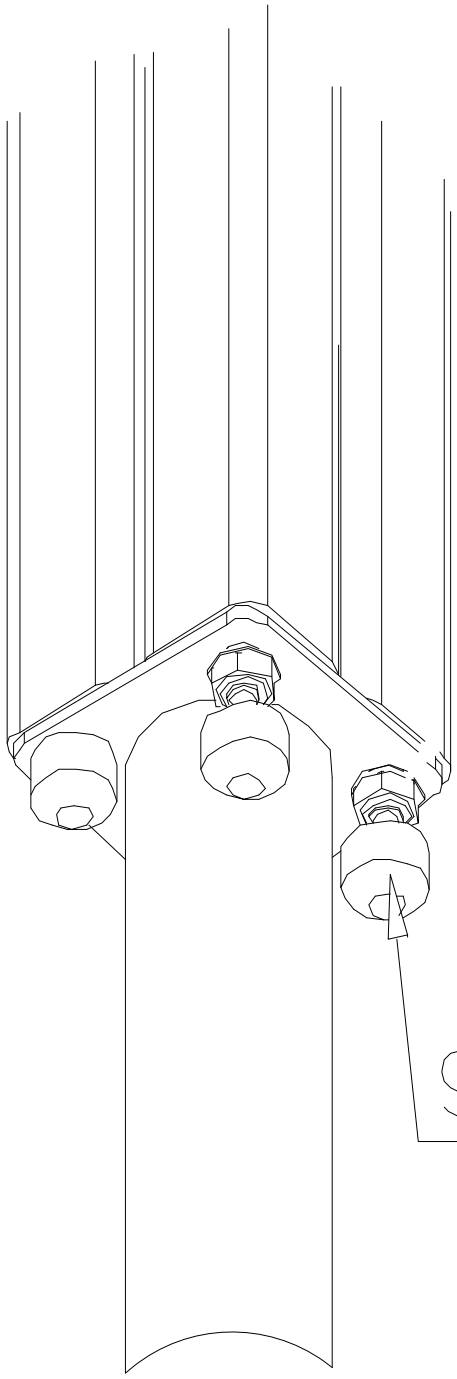
FOOT

BETON FOUNDATION

DATE: 27.10.2015

1(1)

② 905104  M10	PCS 4			PCS
	PCS			PCS

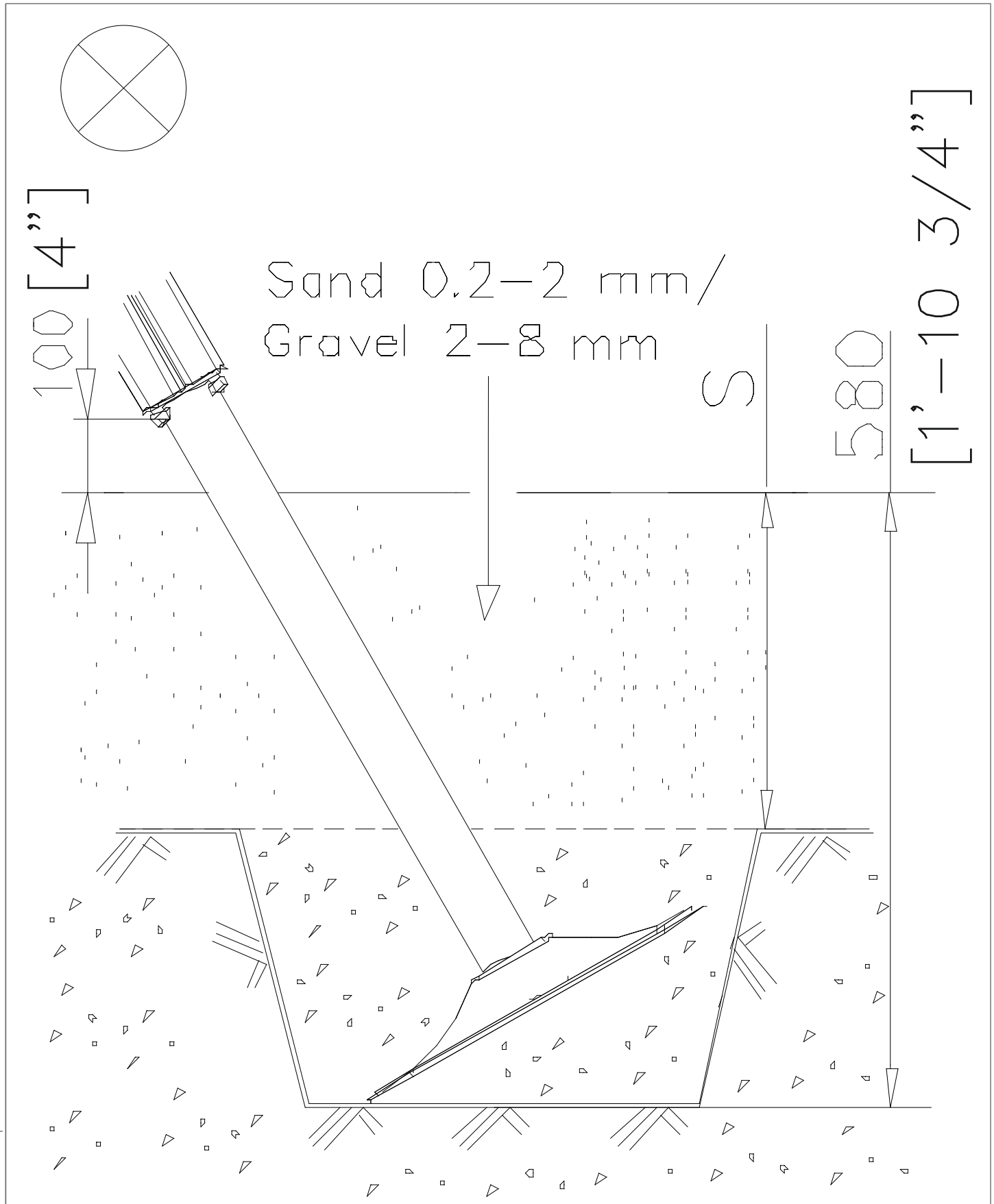


Copyright Lappset Group Ltd

LAPPSET®
DEEP FOUNDATION

FOOT

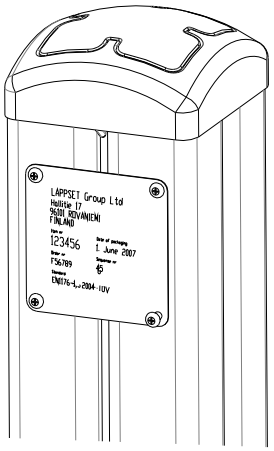
DATE: 31.1.2025



Copyright Lappset Group Ltd

16.2.2021

1



2



Tuotekyltti tulee tuotteen mukana yhdellä seuraavista tavoista:

1) Metallinen tuotekyltti ja kiinnitysruuvit

- Kiinnitä tuotekyltti ruuveilla tolppaan noin 2 metrin korkeuteen kuvan 1 mukaisesti.

2) Tuotekylttitarra

- Puhdista maalattu metalli- tai vaneripinta pölystä ja kosteudesta. Liimaa tarra kuvan 2 mukaisesti.
- Huom. Älä kiinnitä tarraa karheapintaiseen laminaattiin tai maalattuun puuhun.

Vår produktmärkning levereras på ett av följande sätt:

1) Produktskylt i metall

- Fäst skylten med de medföljande skruvarna

2) Självhäftande produktetikett

- Rengör den pulverlackerade metallytan eller laminatytan så att den blir fri från smuts och fukt. Fäst etiketten enligt fig. 2.
- Obs! Fäst ej etiketten på detaljer med skrovlig yta eller på målat trä.

Product label is delivered by one of following ways:

1) Metal product label and screws

- Fasten the label with screws.

2) Label sticker

- Clean the painted metal or plywood surface from dirt and moisture. Fasten the sticker as shown in the figure 2.
- Note. Do not attach the sticker to rough surfaced laminate or painted wood.

La plaque d'informations produit est livrée sous l'une de ces 3 formes :

1) Plaque métallique et vis

- Fixez la plaque à l'aide des vis.

2) Etiquette autocollante

- Avant de coller l'étiquette, nettoyez le composant métallique peint ou la plaque de contreplaqué, de toute saleté. La surface doit être sèche (voir image 2).
- Attention, ne pas coller l'étiquette sur une surface lamellé-collée irrégulière ou sur du bois peint.

Die Auslieferung des Produktaufklebers erfolgt auf eine dieser Arten:

1) Produkt-Schild aus Metall incl. Schrauben

- Die Befestigung des Schildes erfolgt mittels der Schrauben.

2) Aufkleber

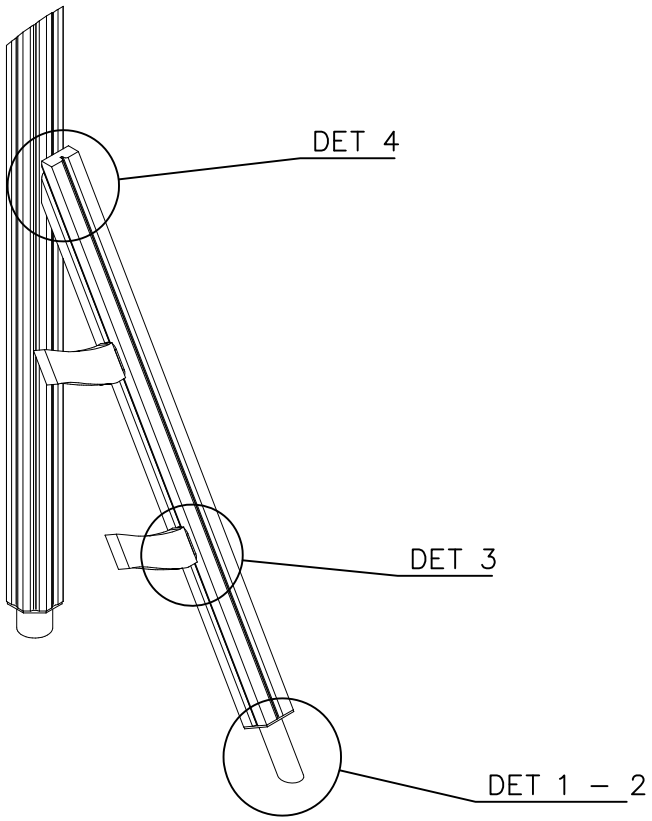
-Entfernen Sie zunächst Schmutz und Feuchtigkeit vom lackierten Metall bzw. von der Holzoberfläche und bringen Sie den Aufkleber wie im Bild oben rechts beschrieben auf den gesäuberten Untergrund auf.
- Beachten Sie: Bringen Sie den Aufkleber nicht auf raues laminiertes oder lackiertes Holz an.

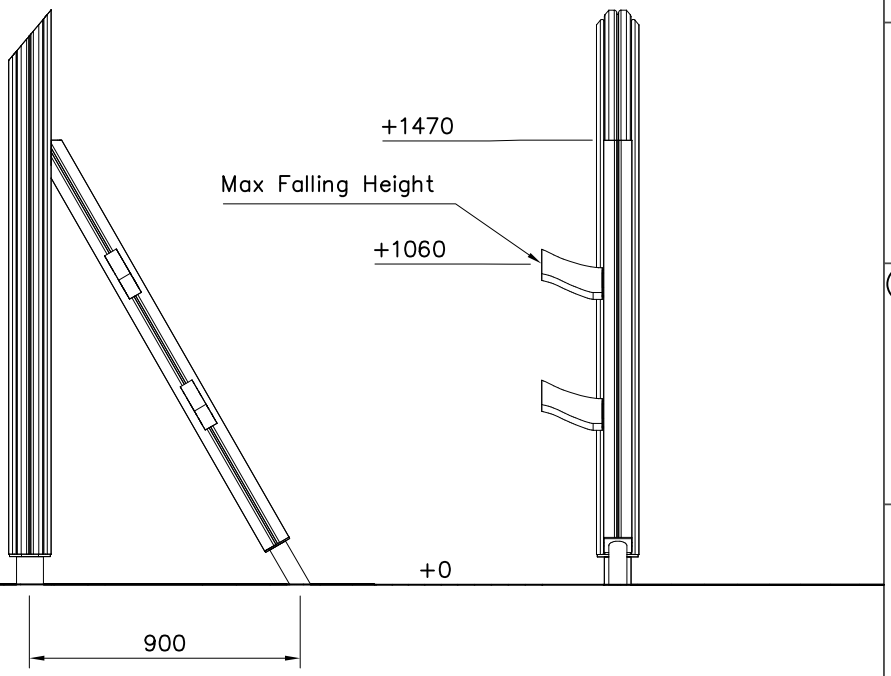
LAPPSET®
FLORA

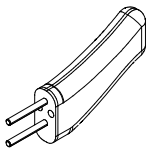
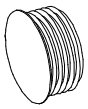
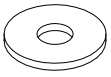
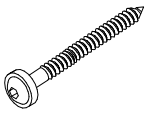
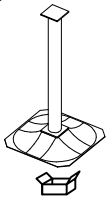
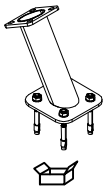
705819

DATE: 30.5.2024

DEEP& SURFACE 1(2)





① 705643	PCS 2	 45x102x243	② 705817	PCS 1	93x93x1527
③ 905103	PCS 4	 PT–28/32–H	④ 905104	PCS 4	 M10
⑤ 905051	PCS 4	 Ø24/8.4	⑥ 909637	PCS 4	 M10
	PCS		⑦ 903093	PCS 2	 Ø8x90
	PCS			PCS	
	PCS			PCS	
○ 909521	PCS 1		○ 701899	PCS 1	
	PCS			PCS	

Copyright Lappset Group Ltd

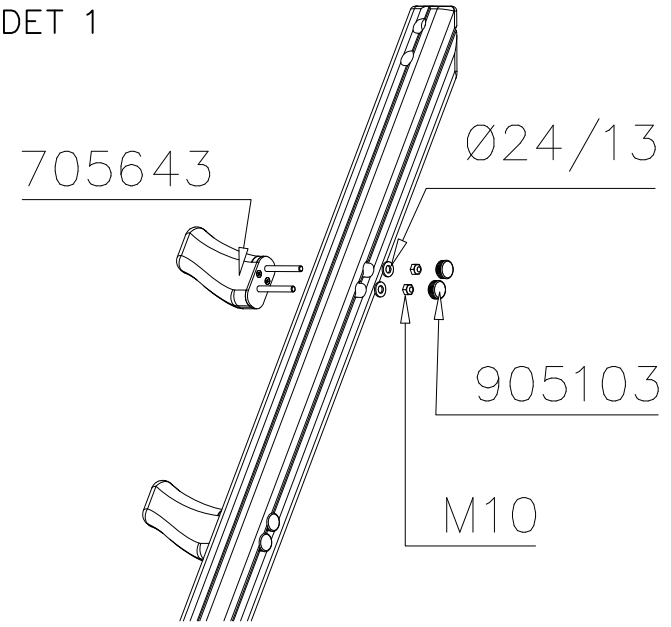
LAPPSET®

FLORA

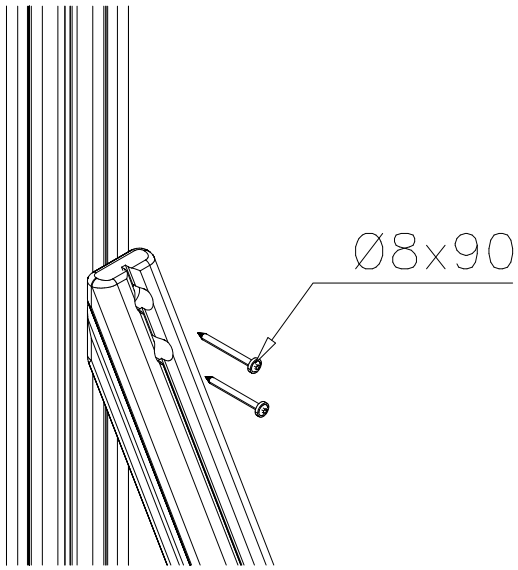
705819 DEEP& SURFACE

DATE: 30.5.2024 **2(2)**

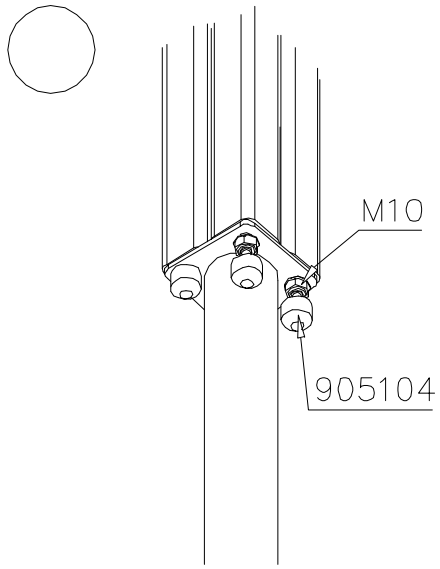
DET 1

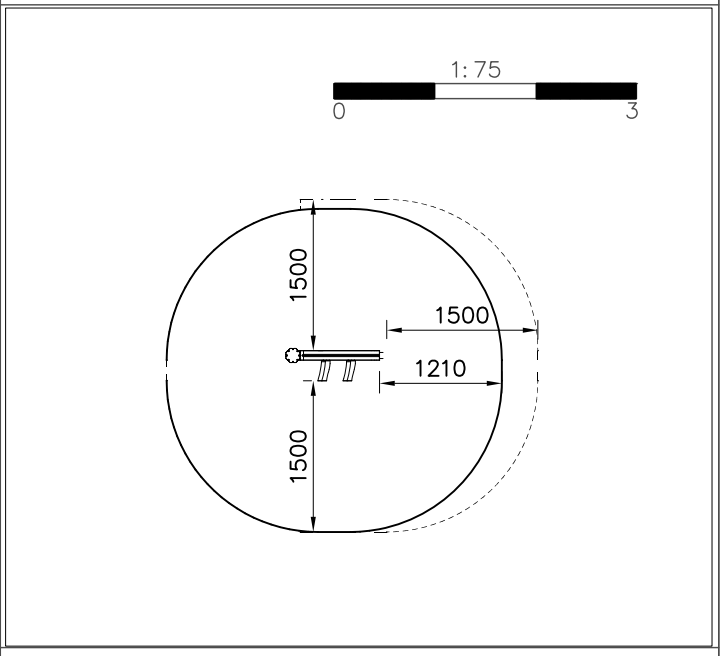


DET 2

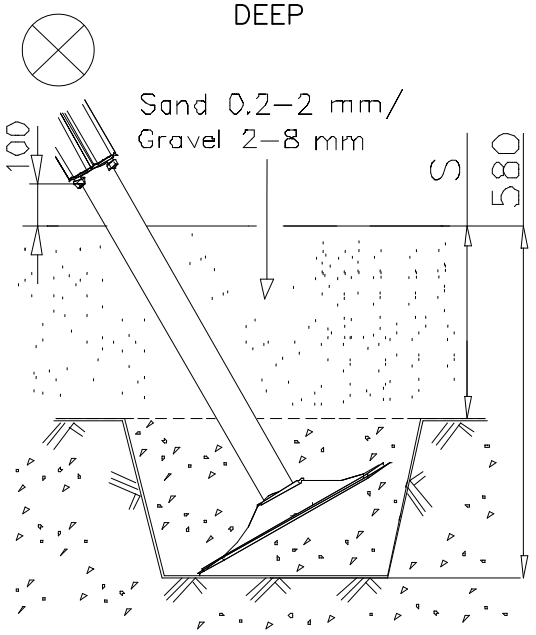


DET 3

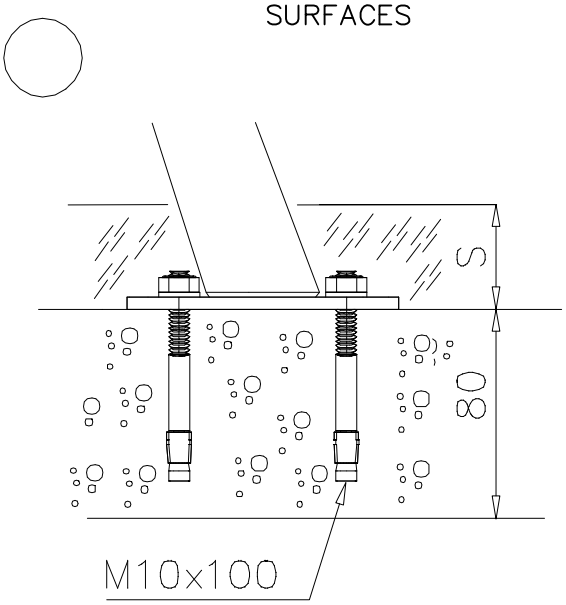




DEEP



SURFACES



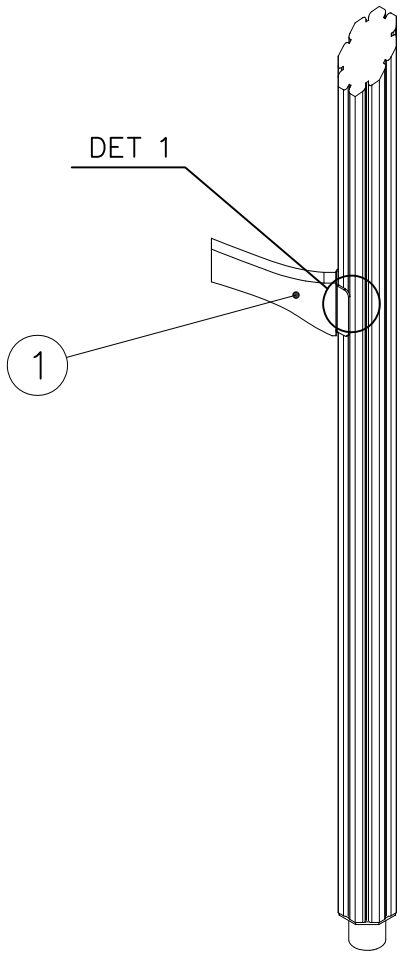
Copyright 1998 Lappset Group Ltd

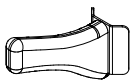
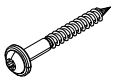
LAPPSET®

711514

FLORA

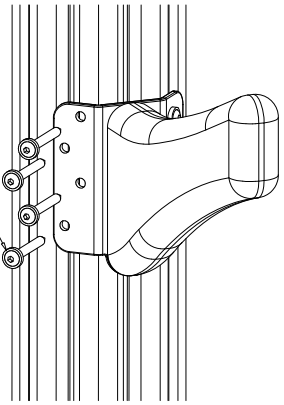
DATE: 7.5.2024



	PCS		PCS
1 705789  45x120x333	1	2 900240  Ø8x70	8
	PCS		PCS
	PCS		PCS
	PCS		PCS
	PCS		PCS
	PCS		PCS

DET 1

Ø8x70
900240



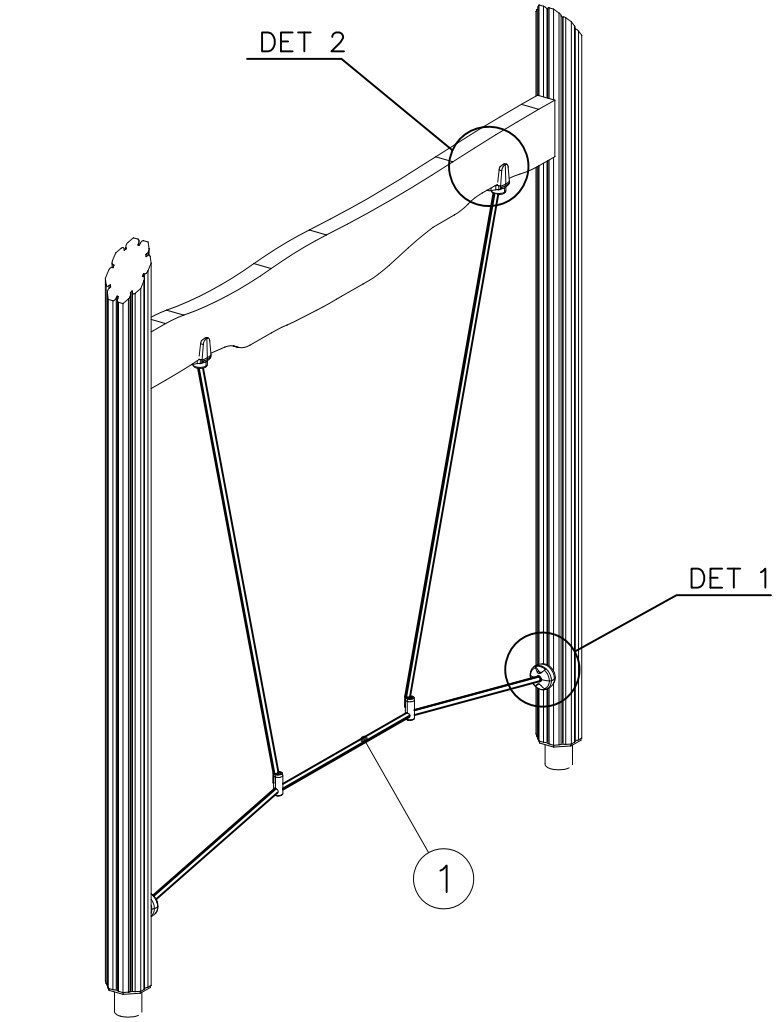
Copyright Lappset Group Ltd

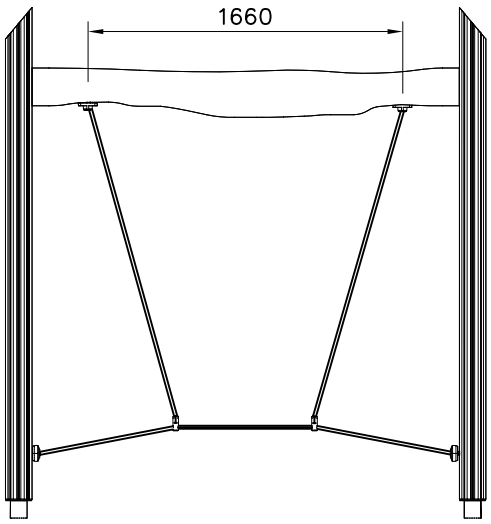
LAPPSET®

711515

FLORA

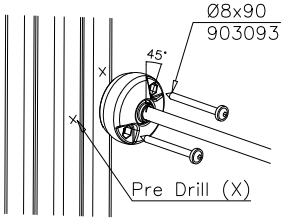
DATE: 30.5.2024



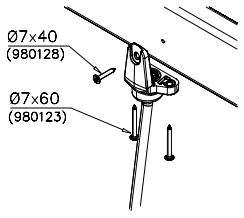


① 708537	PCS	1	② 980128	PCS	2
68x385x725			Ø7x40		
③ 980123	PCS	4	④ 903093	PCS	4
Ø7x60			Ø8x90		
	PCS			PCS	
	PCS			PCS	
	PCS			PCS	

DET 1



DET 2



Copyright Lappset Group Ltd