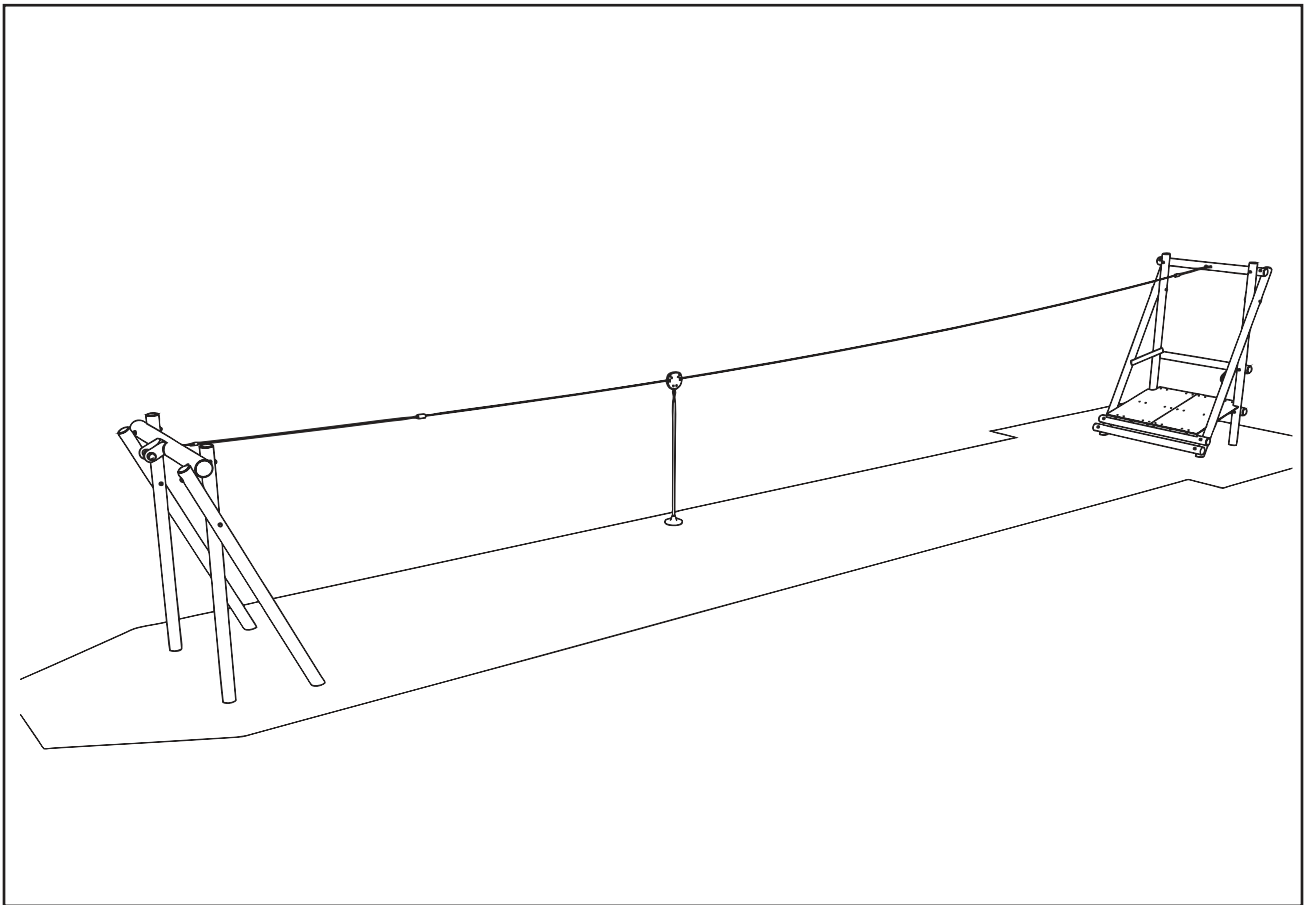


# **AERIAL RUNWAY (26M)**

## **Installation Instructions**

**creative  
play**



## **CONTENTS**

<b>Parts Required</b>	<i>(pg. 2 - 4)</i>
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<b>Foundation Details</b>	<i>(pg. 6)</i>
<b>Surfacing Details</b>	<i>(pg. 7-8)</i>
<b>Step by step Instructions</b>	<i>(pg. 9 - 21)</i>
<b>Additional Drawings</b>	<i>(pg. 22)</i>
<b>Notes</b>	<i>(pg. 23)</i>

# PARTS required

**ZW1-H1 QTY - 1**

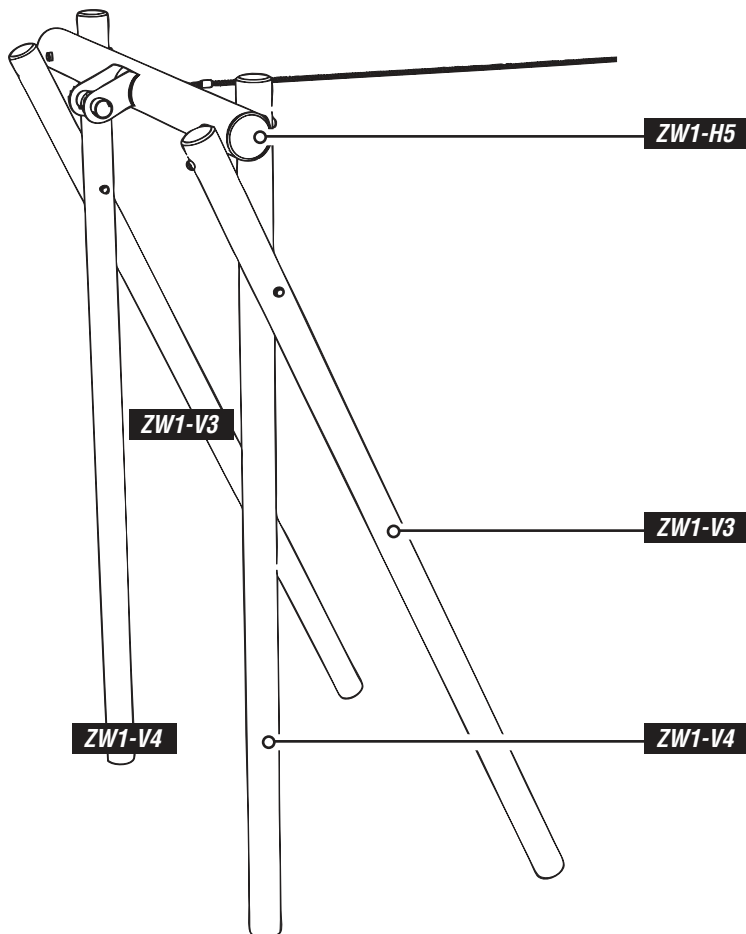
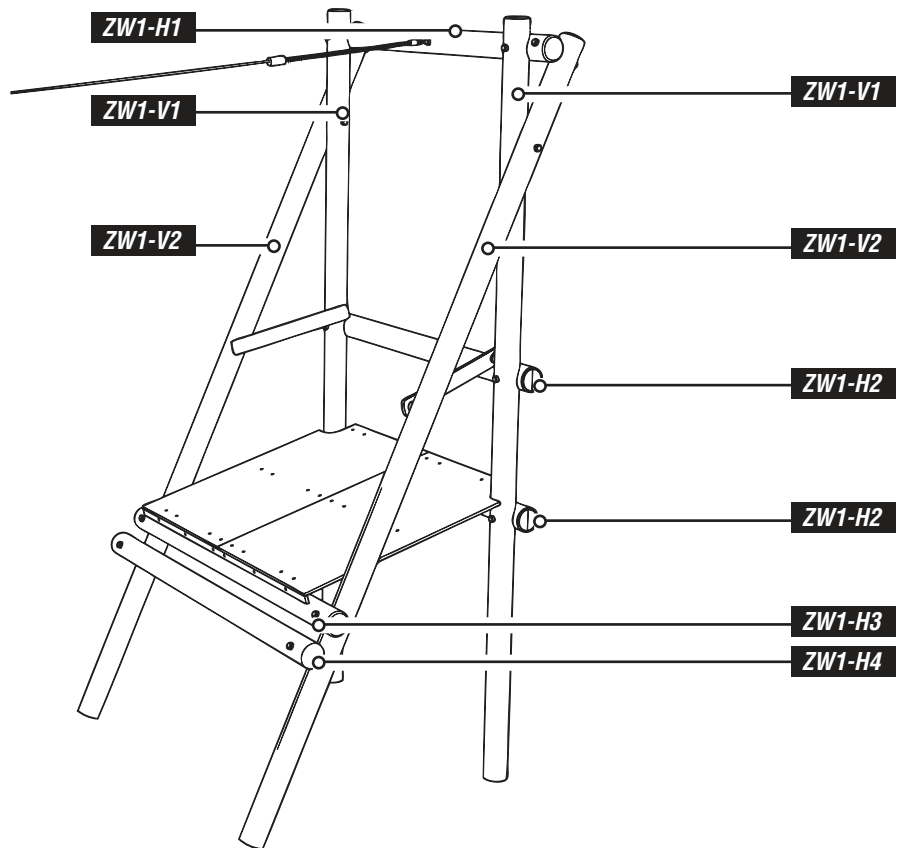
**ZW1-V1 QTY - 2**

**ZW1-V2 QTY - 2**

**ZW1-H2 QTY - 2**

**ZW1-H3 QTY - 1**

**ZW1-H4 QTY - 1**



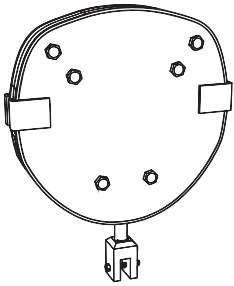
**ZW1-V3 QTY - 2**

**ZW1-V4 QTY - 2**

**ZW1-H5 QTY - 1**

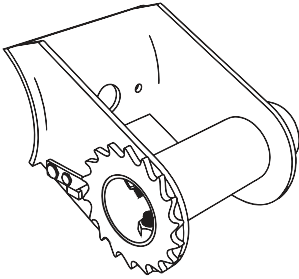
# ***PARTS required continued...***

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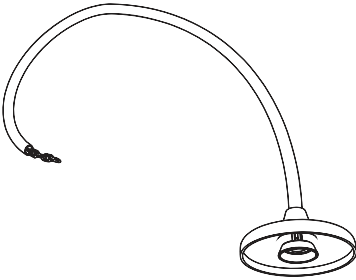
## **QTY - 1 - TROLLEY**

*STAINLESS STEEL with break and chain attachment for pendulum seat*



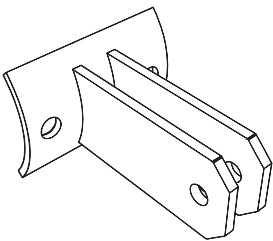
## **QTY - 1 - TENSION ADJUSTER**

*STANDARD TENSION ADJUSTER - Galvanised tension adjuster for round timber*



## **QTY - 1 - PENDULUM SEAT**

*2000mm - EPDM rubber pendulum seat with galvanised chain with rubber hose (pre assembled)*



## **QTY - 1 - CABLE ATTACHMENT**

*Cable Attachment galvanised for round timber*



## **QTY - 1 - BRAKE SPRING**

*1000mm BRAKE SPRING with galvanised attachment & rubber buffer*

## **QTY - 1 - BRAKE SPRING**

*3000mm BRAKE SPRING with galvanised attachment & rubber buffer*

## **QTY - 1 - CABLE 26M**

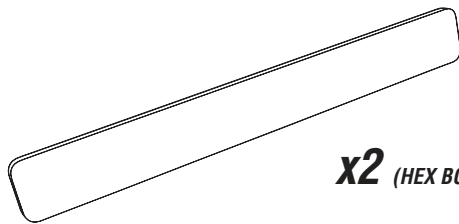
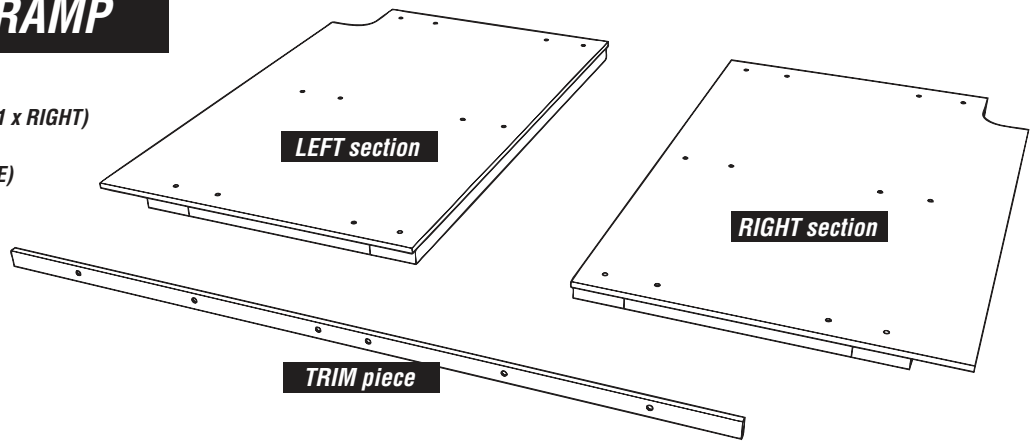
*10mm dia steel cable (1 side THIMBLE / 1 side welded)*

# PARTS required continued...

## FLOOR / RAMP

**QTY - 2** (1 x LEFT - 1 x RIGHT)

**QTY - 1** (TRIM PIECE)



**x2** (HEX BOARD 'GUARD RAIL')

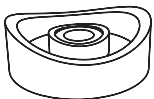


- x2** 365mm
- x8** 285mm
- x8** 340mm
- x2** 195mm
- x2** 240mm
- x2** 400mm

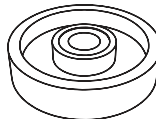


**x12** (FM120 'Brass screws')  
To be used for HEX BOARD 'GUARD RAILS'  
and FLOOR / RAMP Assembly

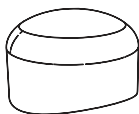
**x6** (FM80 'Brass screws')  
FLOOR TRIM PIECE



**x16** (140 Distance piece)  
140 label is shown on the inside



**x12** (Distance piece - SQUARE WOOD)  
Distance piece for Square wood



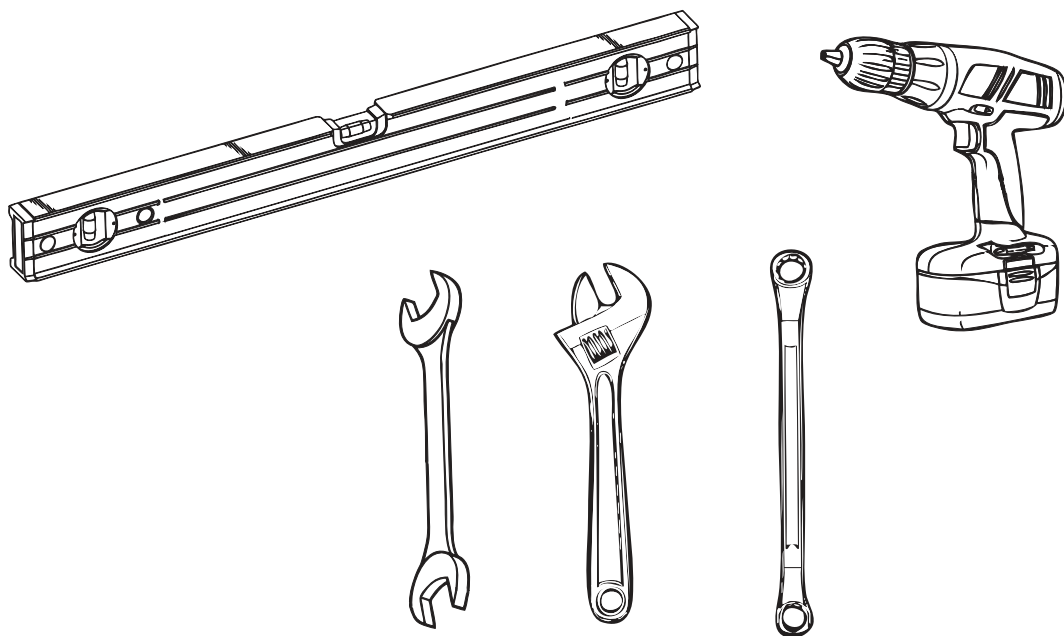
**x48** (Covered end cap R60)  
NOT STANDARD END CAP - has a  
radius cut into it



**x48** ('NYLOCS' M12 - Nylon locking nuts)

# TOOLS required

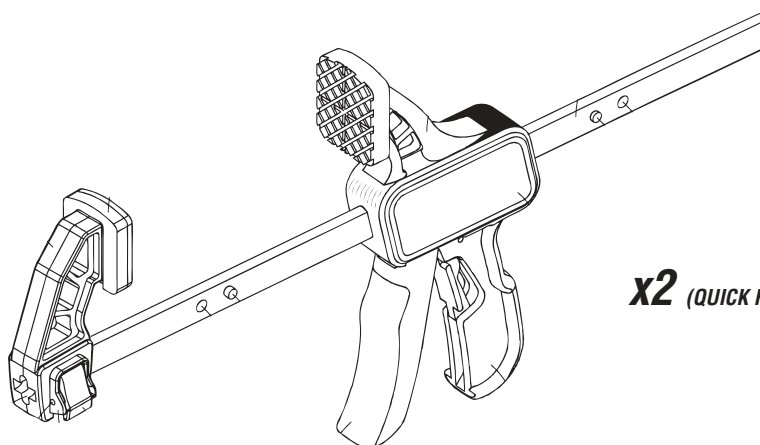
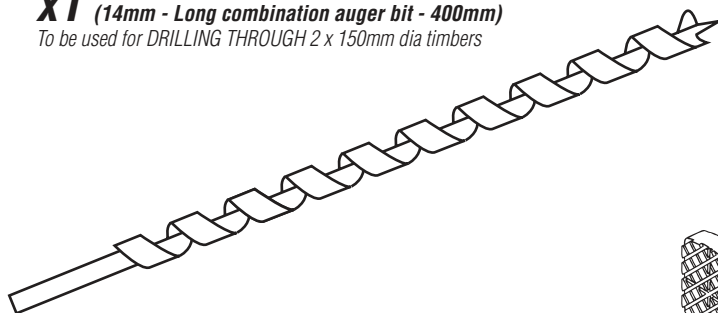
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## SPECIFIC AERIAL RUNWAY TOOLS

**X1** (14mm - Long combination auger bit - 400mm)  
To be used for DRILLING THROUGH 2 x 150mm dia timbers



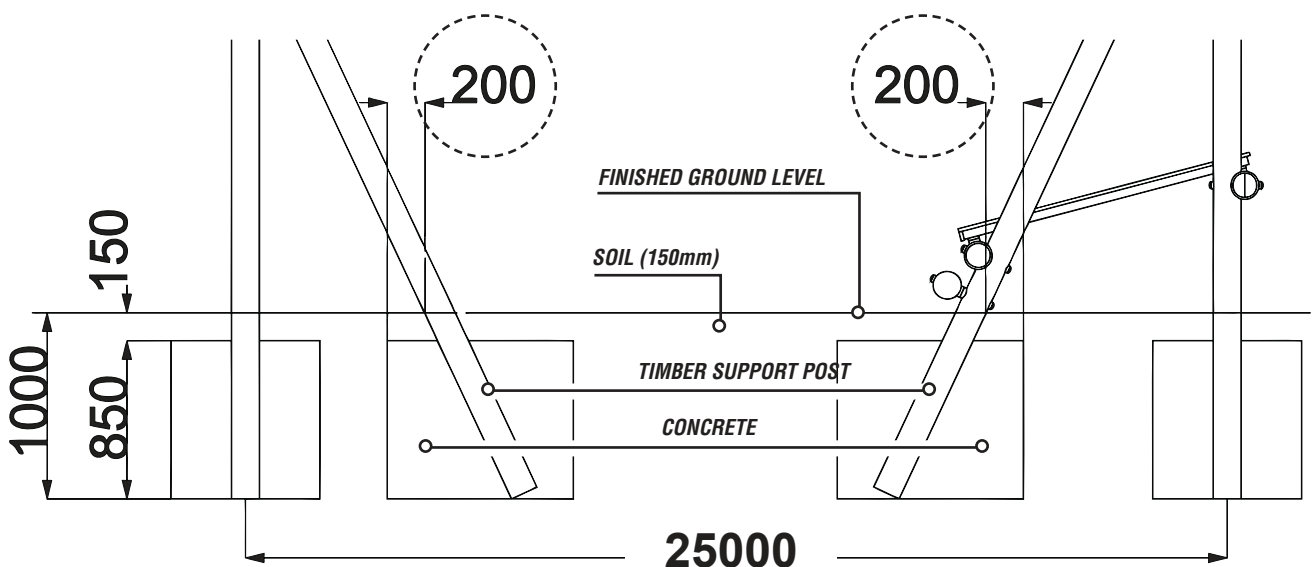
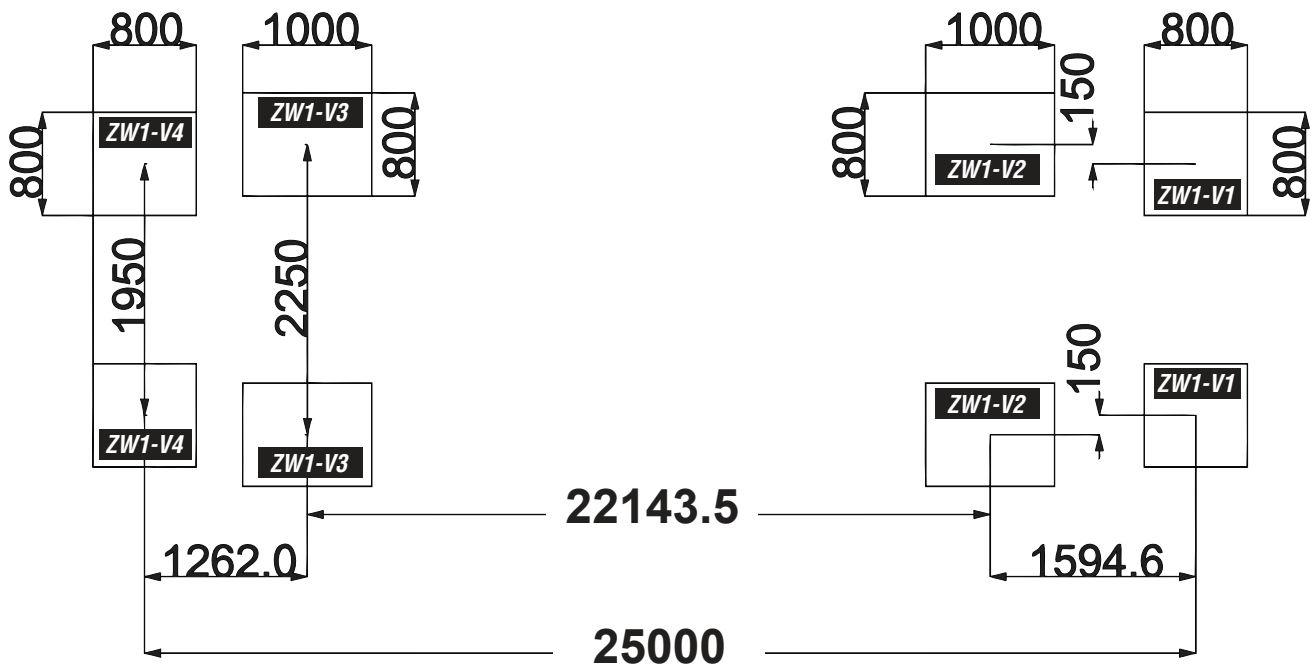
**X2** (QUICK RELEASE CLAMPS)

# Foundation Details

**'SQUARE' FOUNDATIONS 800mm x 800mm x 1000**

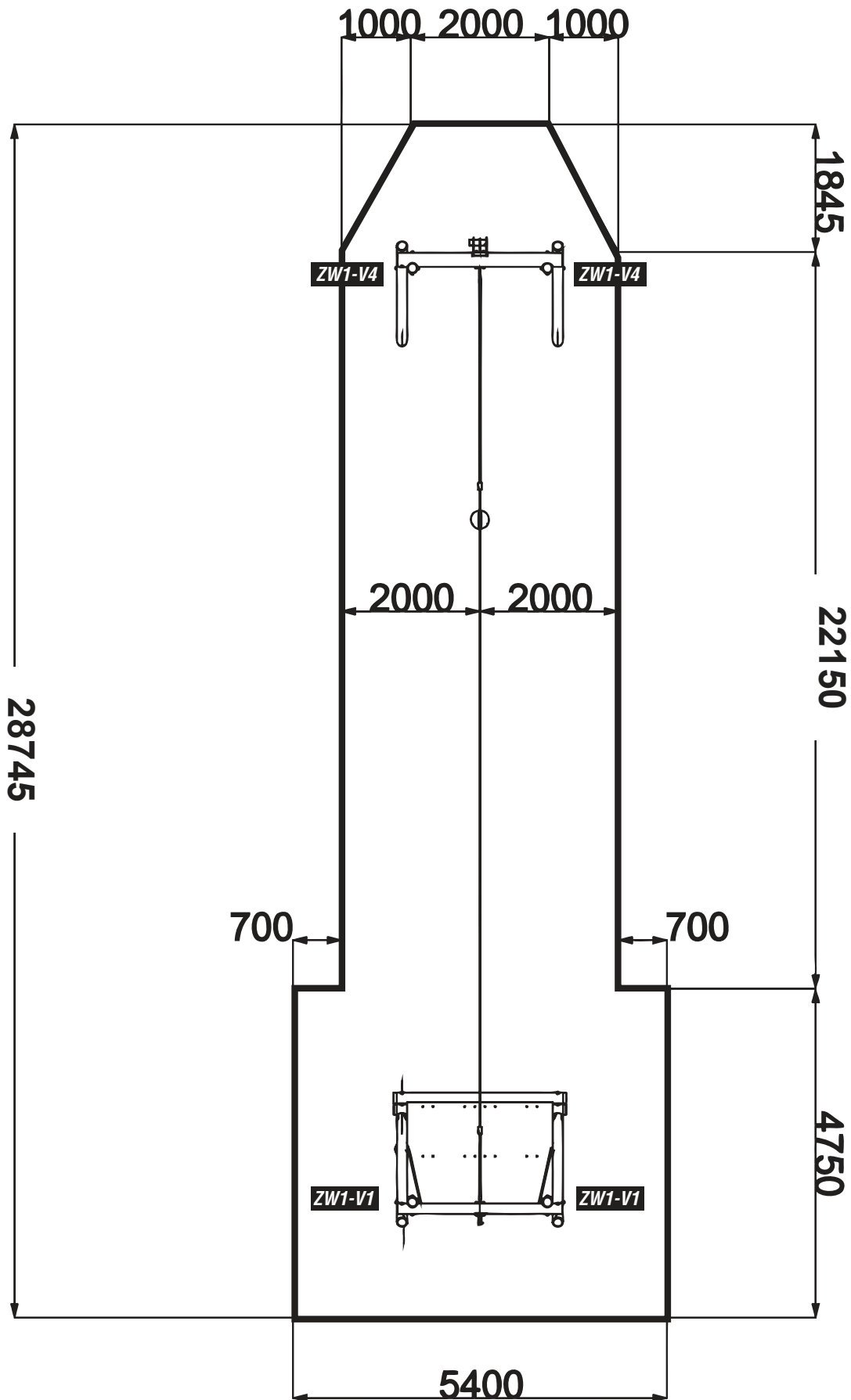
**'RECTANGLE' FOUNDATIONS 800mm x 1000mm x 1000**

*\*REMEMBER - 1000mm below FINISHED GROUND LEVEL - if WETPOUR / MULCH / PLAYSAFE is to be laid amend as required*



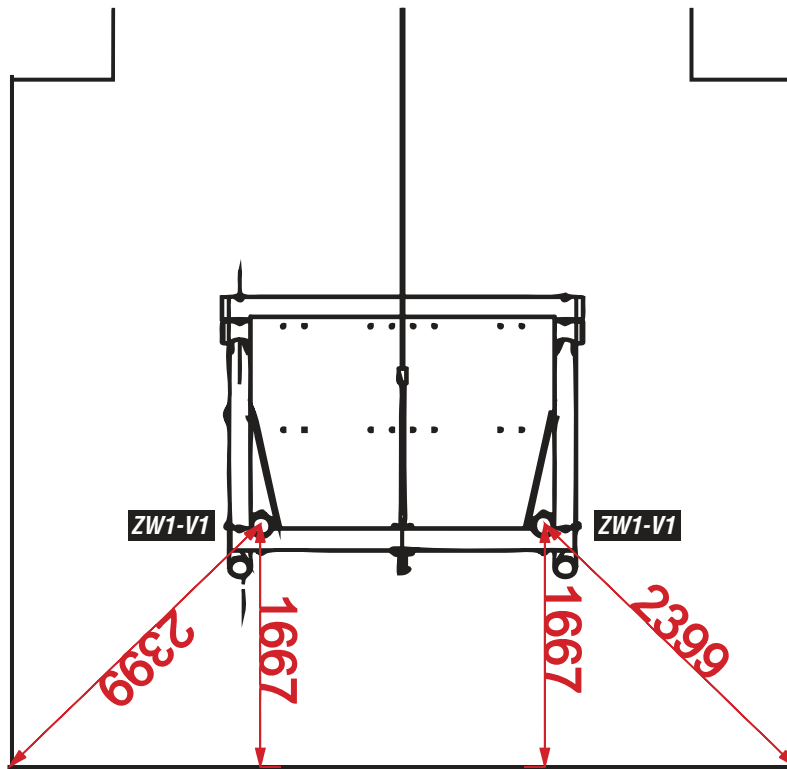
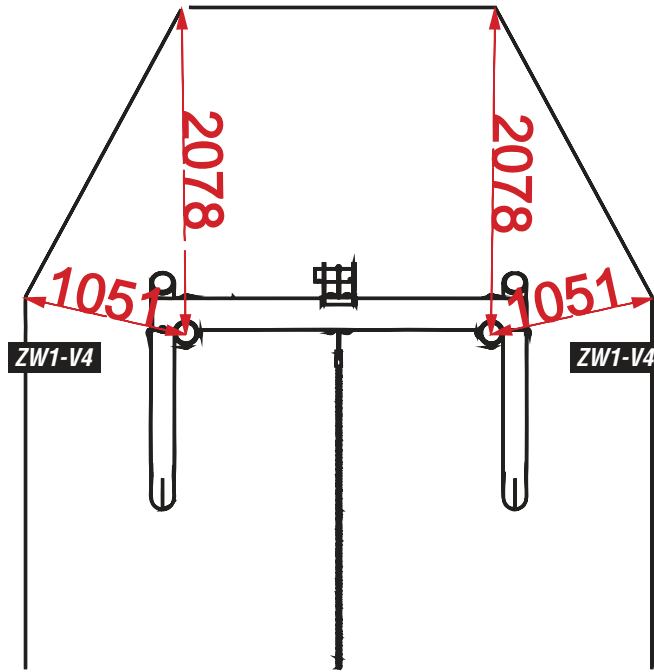
**ZW1-V2 / V3 TIMBERS** ARE SET AN ANGLE - the 'edge' of the 800mm foundation measurement is 200mm away from the post where it 'MEETS' the ground level (CIRCLED ABOVE)

# Surfacing Details



# Surfacing Details

**RED DIMENSIONS** CENTRE OF VERTICAL TIMBERS TO SURFACING



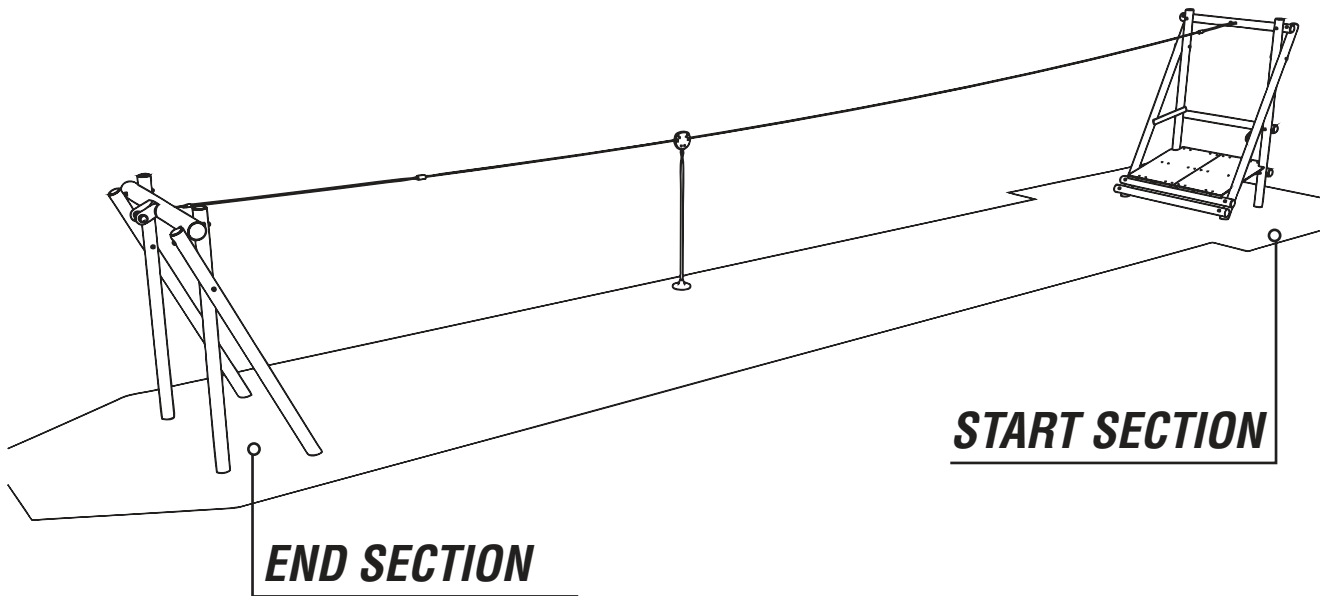


# Installation Instructions

**1**

Instructions for **START SECTION** steps **2** to **19**

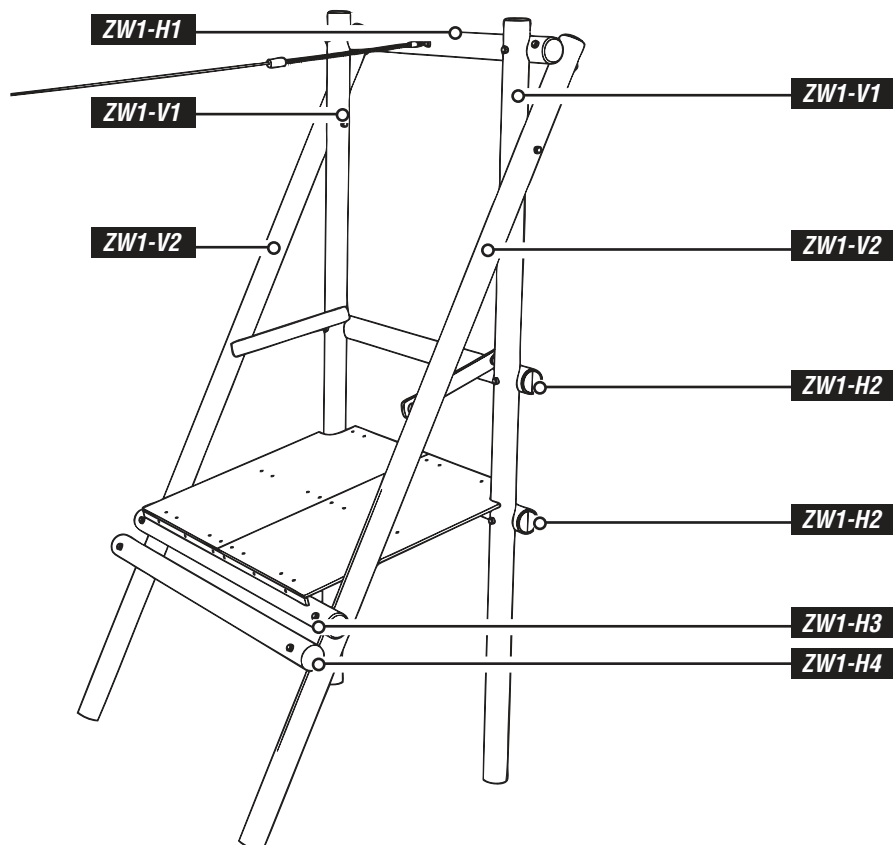
**END SECTION** steps **1** to **19**



**2**

Install the **START SECTION**

Timbers for the **START SECTION** are highlighted below

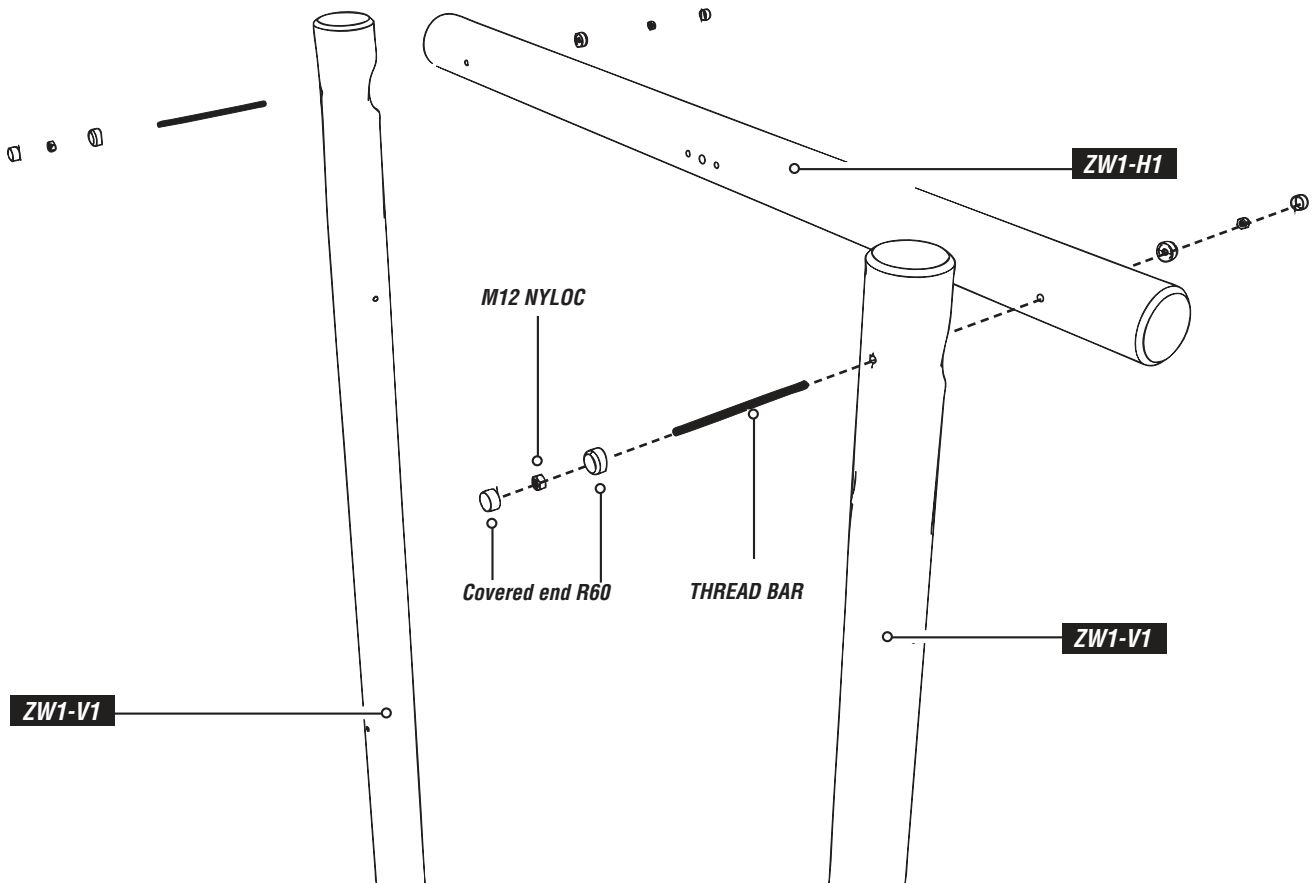


# Installation Instructions

**3**

## Attach the H1 timber to the V1 timbers

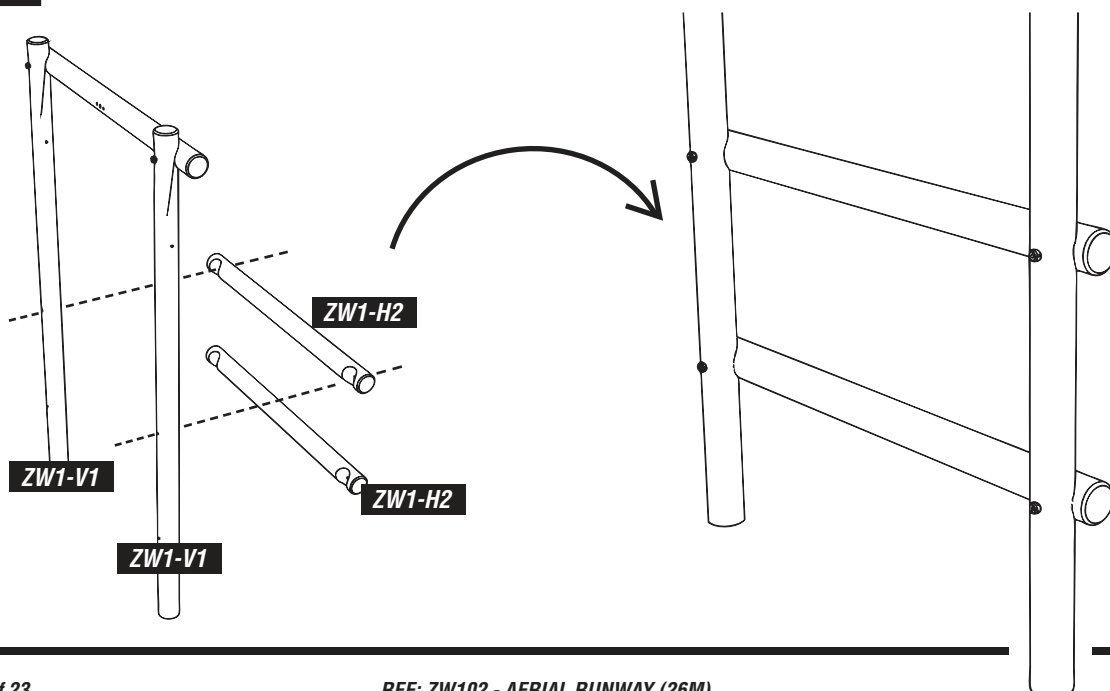
Using **THREAD BAR 285mm** NYLOCS / COVERED END R60 (The V1 timbers are SCALLOPED)



**4**

## Attach the H1 timber to the V1 timbers

Using **THREAD BAR 285mm** NYLOCS / COVERED END R60 (The H2 timbers are SCALLOPED)

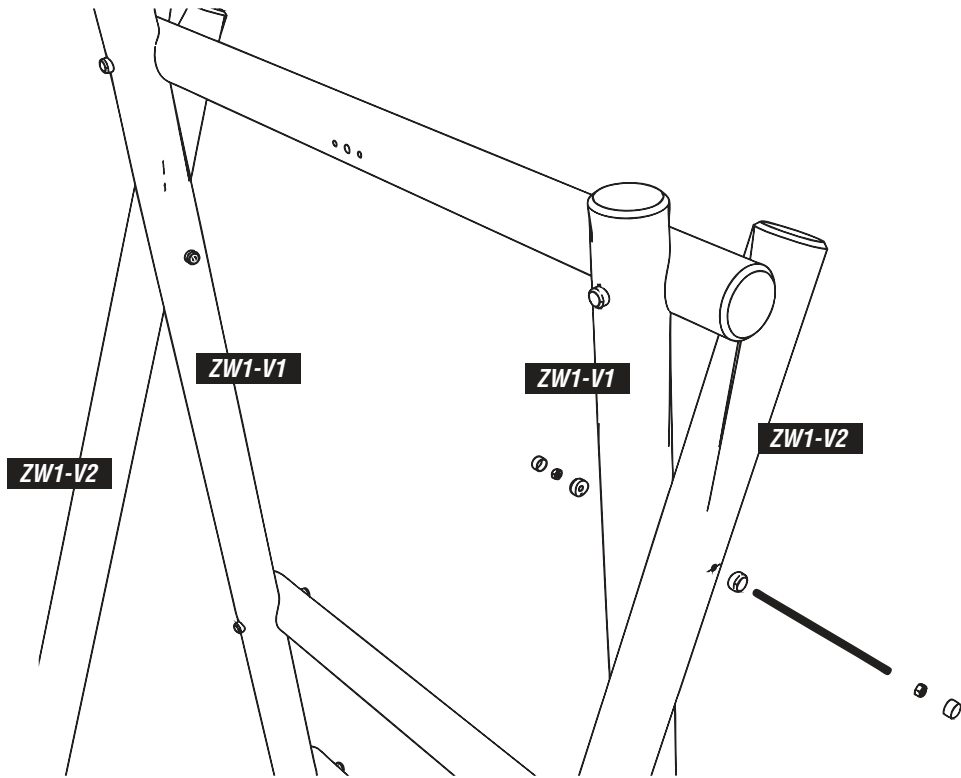


# Installation Instructions

**5**

## Attach the H1 timber to the V1 timbers

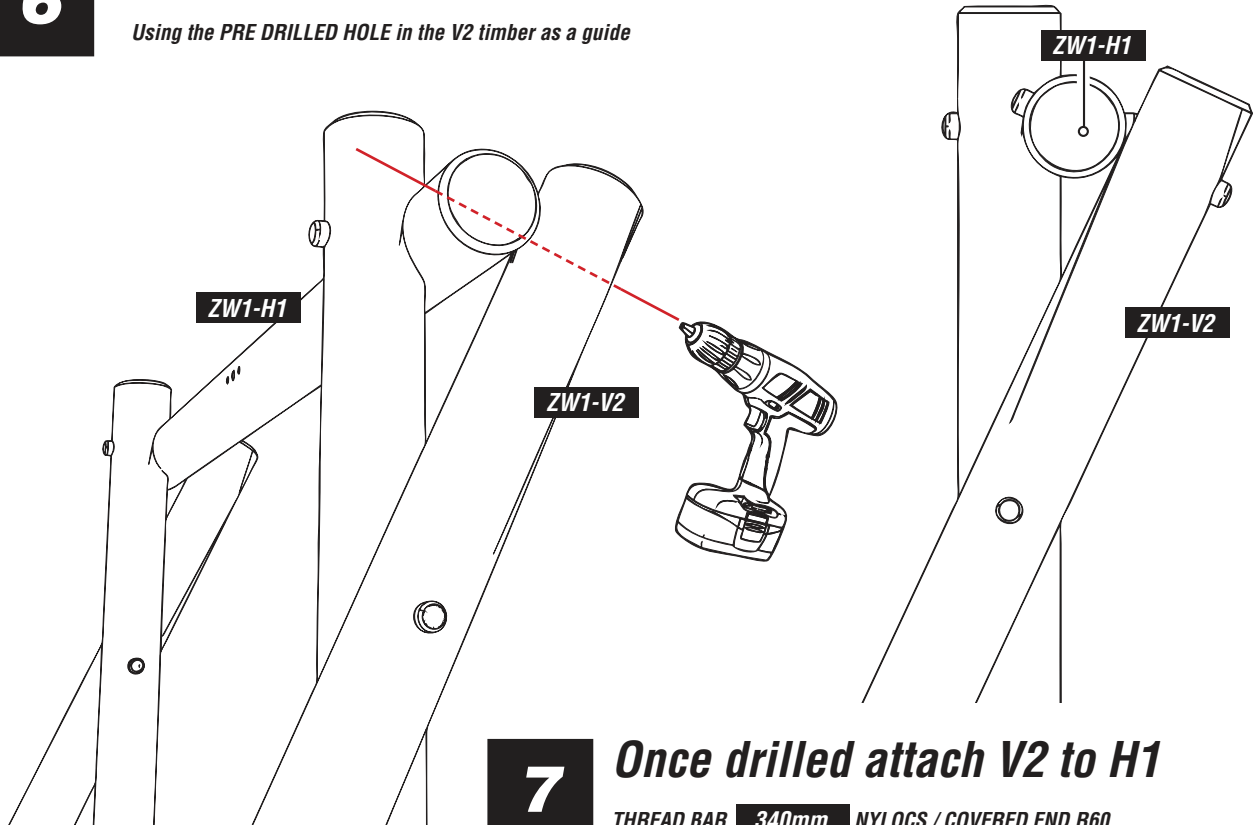
Using **THREAD BAR 340mm** NYLOCS / COVERED END R60



**6**

## Drill the H1 timber

Using the **PRE DRILLED HOLE** in the V2 timber as a guide



**7**

## Once drilled attach V2 to H1

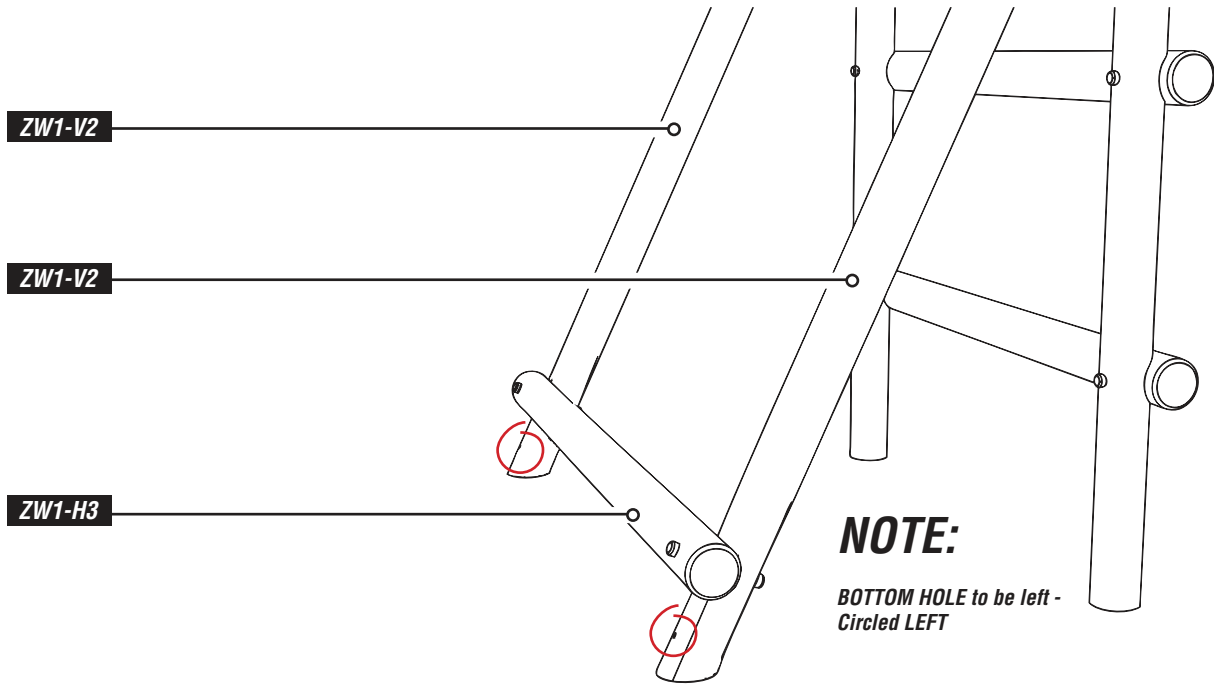
**THREAD BAR 340mm** NYLOCS / COVERED END R60

# Installation Instructions

8

## Attach the H3 timber to the V2 timbers

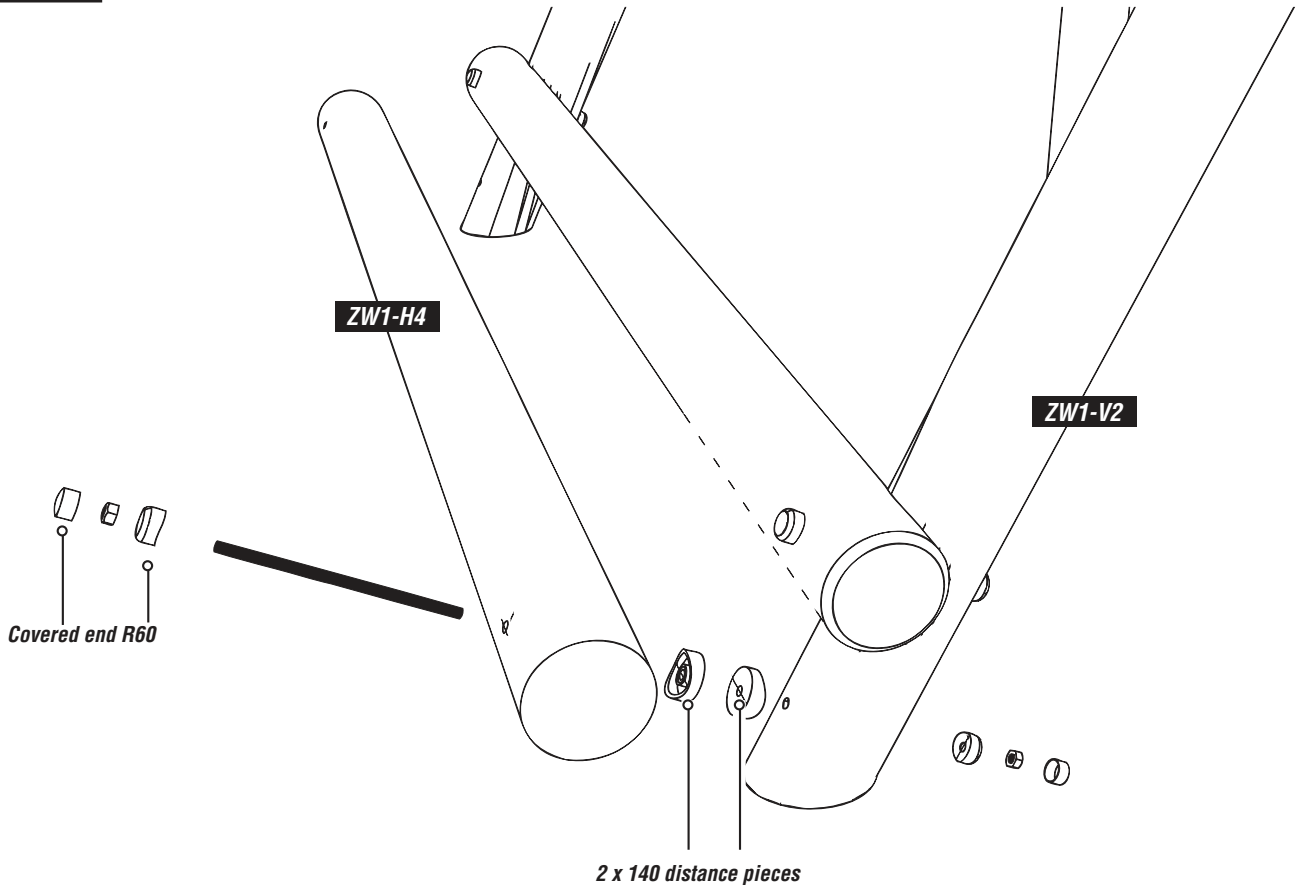
Using **THREAD BAR 285mm** NYLOCS / COVERED END R60 (The H3 timbers are SCALLOPED)



9

## Attach the H4 timber to the V2 timbers

Using **THREAD BAR 365mm** NYLOCS / COVERED END R60 / 2 x 140 DISTANCE PIECES

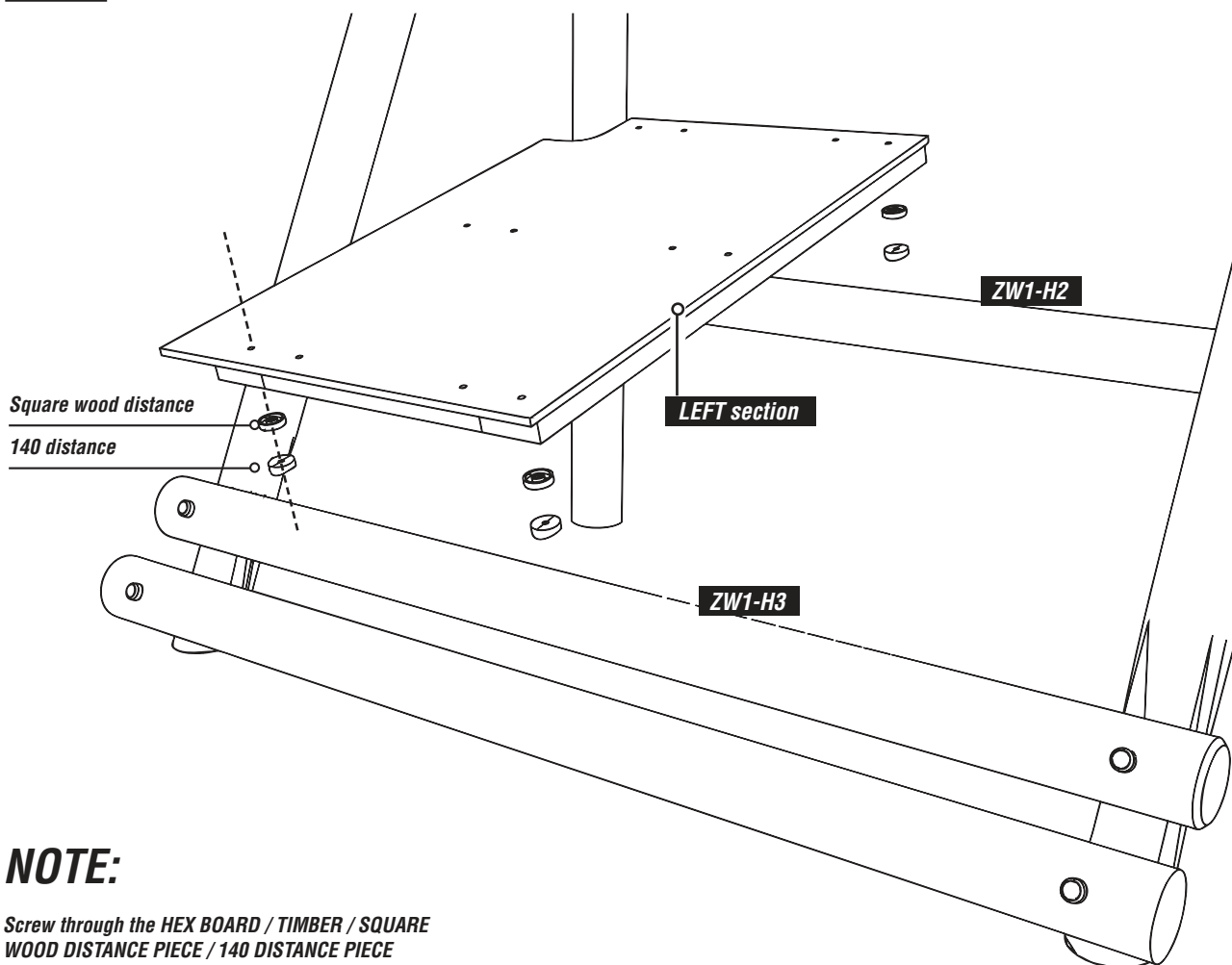


# Installation Instructions

**10**

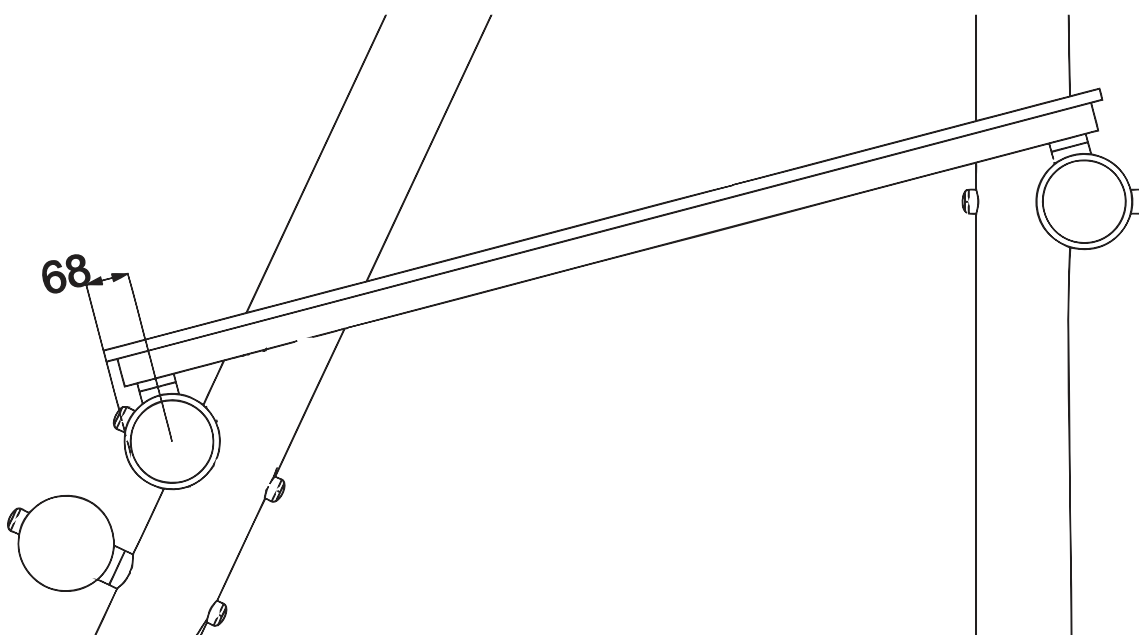
## Screw the LEFT SECTION to the H2 / H3 timbers

Using 120 BRASS SCREWS / 140 DISTANCE PIECES / SQUARE WOOD DISTANCE PIECES



### NOTE:

Screw through the HEX BOARD / TIMBER / SQUARE WOOD DISTANCE PIECE / 140 DISTANCE PIECE

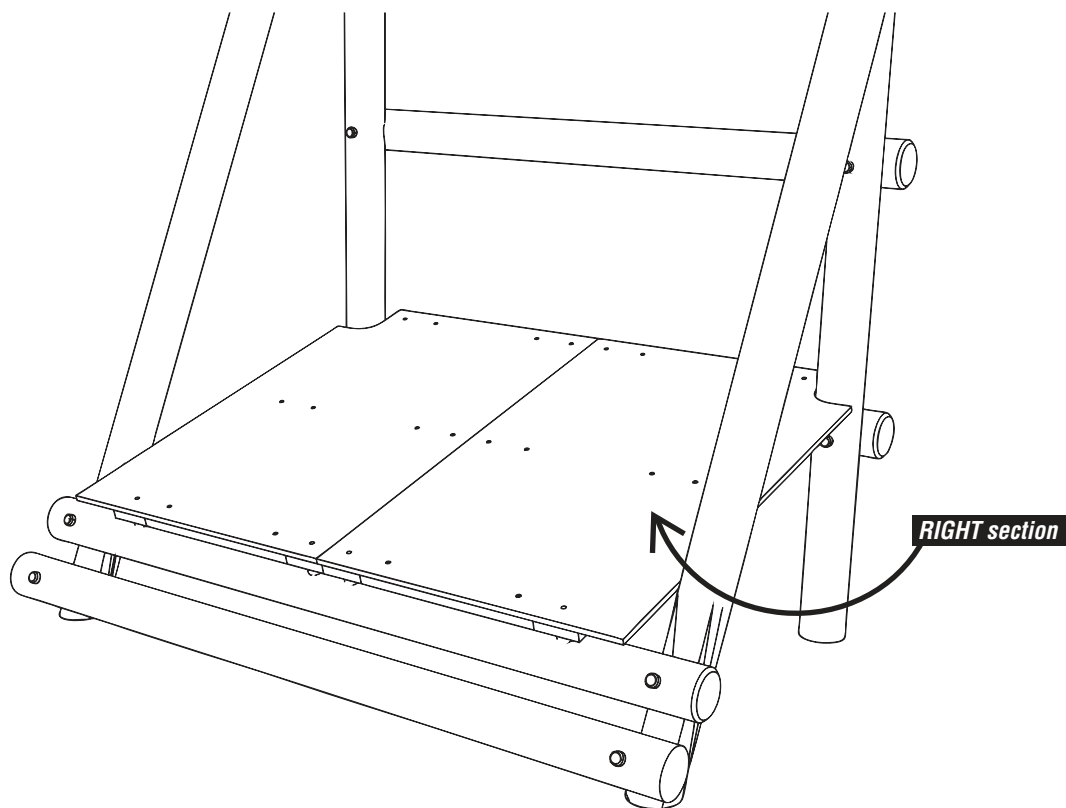


# Installation Instructions

**11**

**Repeat the previous step for the RIGHT SECTION**

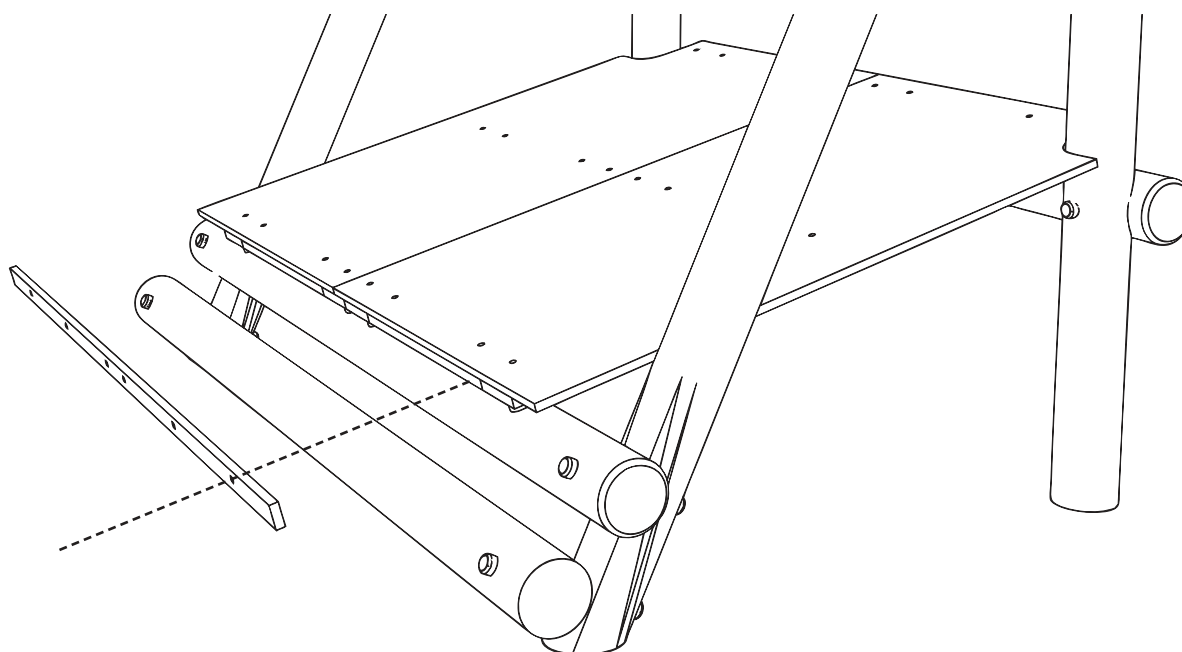
Using 120 BRASS SCREWS / 140 DISTANCE PIECES / SQUARE WOOD DISTANCE PIECES



**12**

**Attach the TRIM PIECE to the front of the FLOOR / RAMP**

Using the smaller 'MULTI PURPOSE' screws

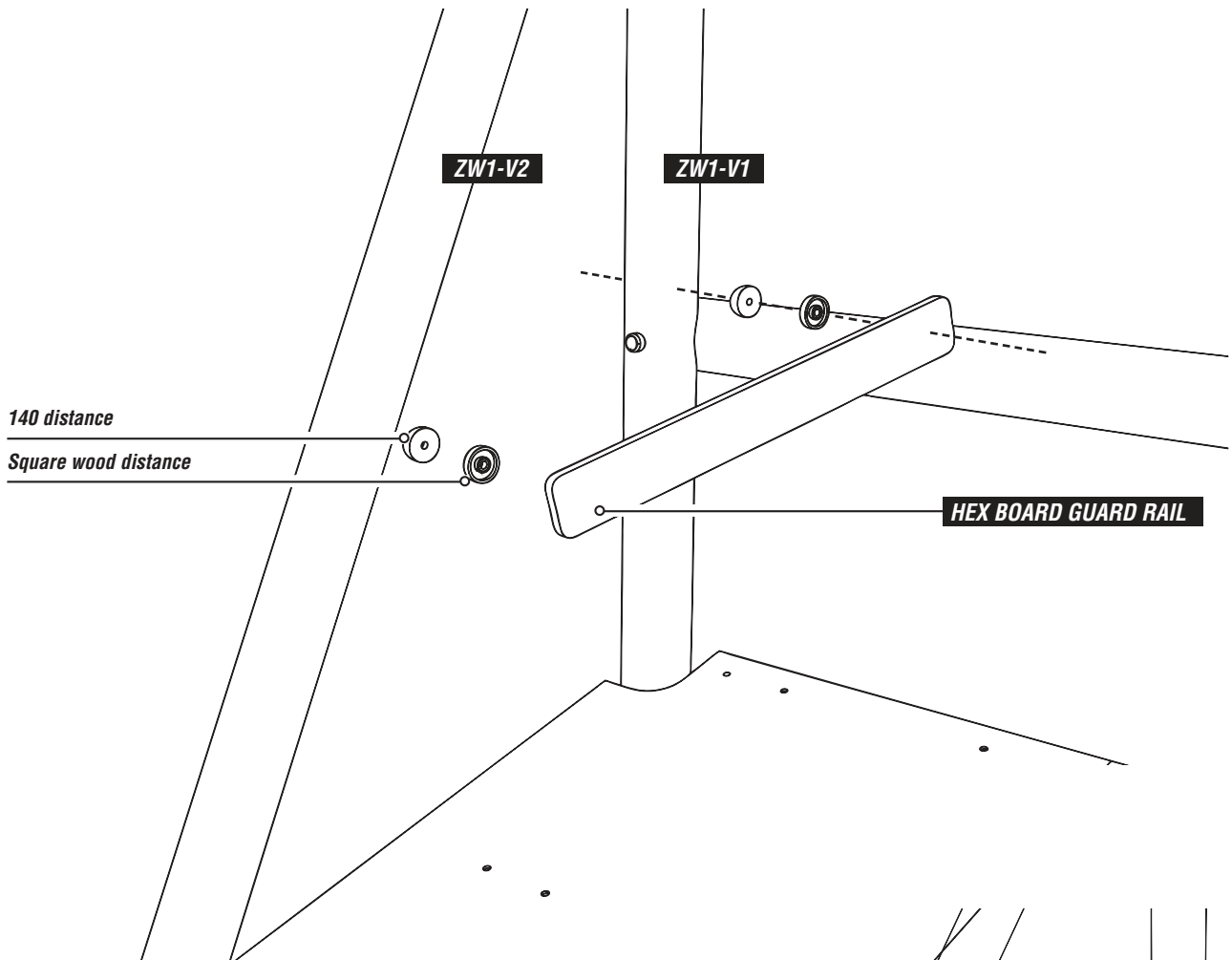


# Installation Instructions

**13**

## SCREW the hex board guard rail to the V1 / V2 timbers

Using 120 BRASS SCREWS / 140 DISTANCE PIECES / SQUARE WOOD DISTANCE PIECES



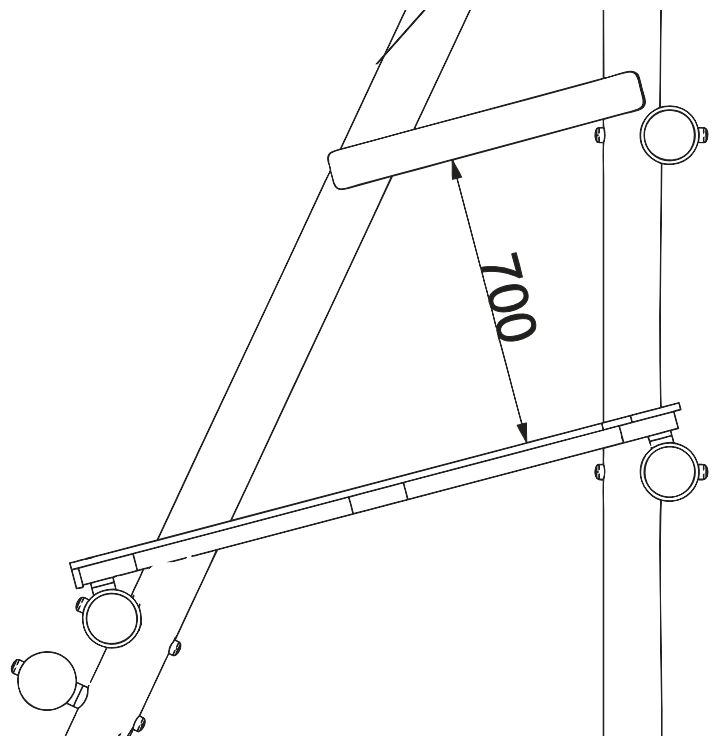
### NOTE:

GUARD RAIL MUST BE BETWEEN

**600mm & 850mm**

CHECK THE HEIGHT BEFORE SCREWING TO THE TIMBERS

This height shown may differ if the angle of the FLOOR / RAMP isn't as exactly shown



**14**

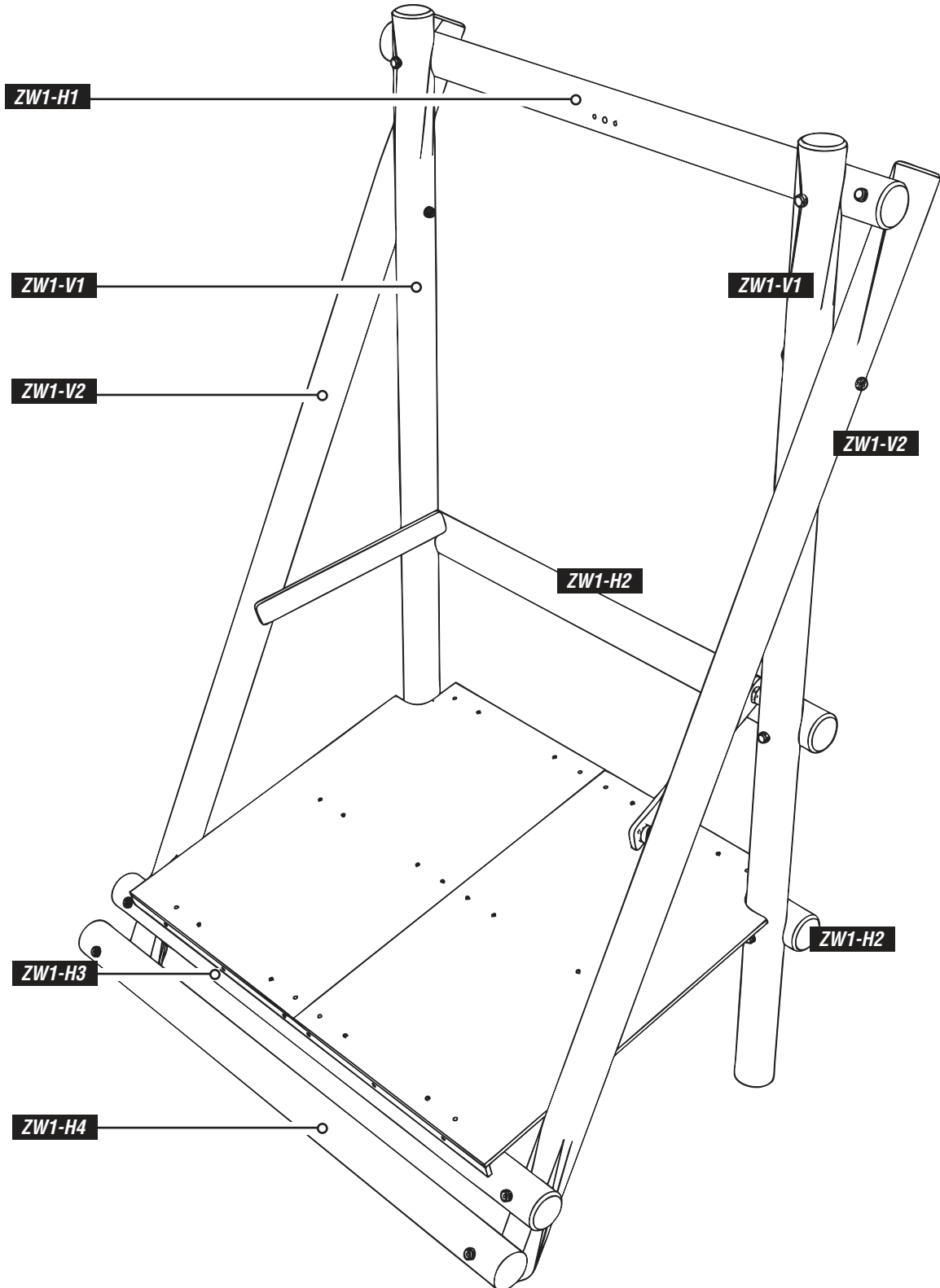
Repeat for the opposite side

# Installation Instructions

**15**

## START SECTION COMPLETE

ENSURE THE V3 (UPRIGHT) TIMBERS are 20000mm (20m) from the V1 (UPRIGHT) TIMBERS of the start section



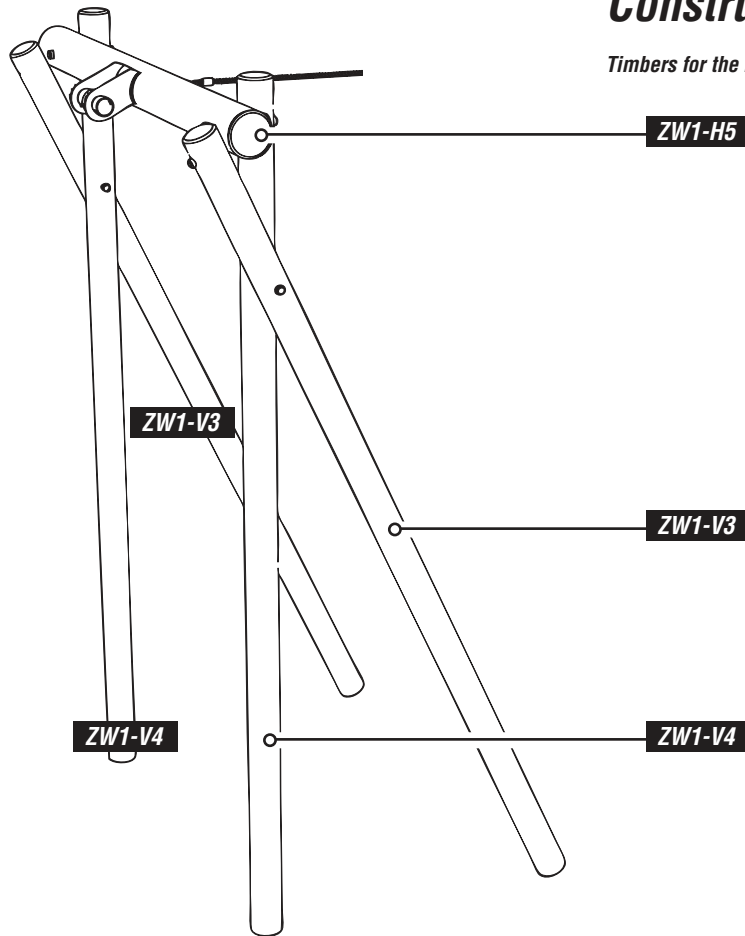


# Installation Instructions

**16**

## Construct the END SECTION

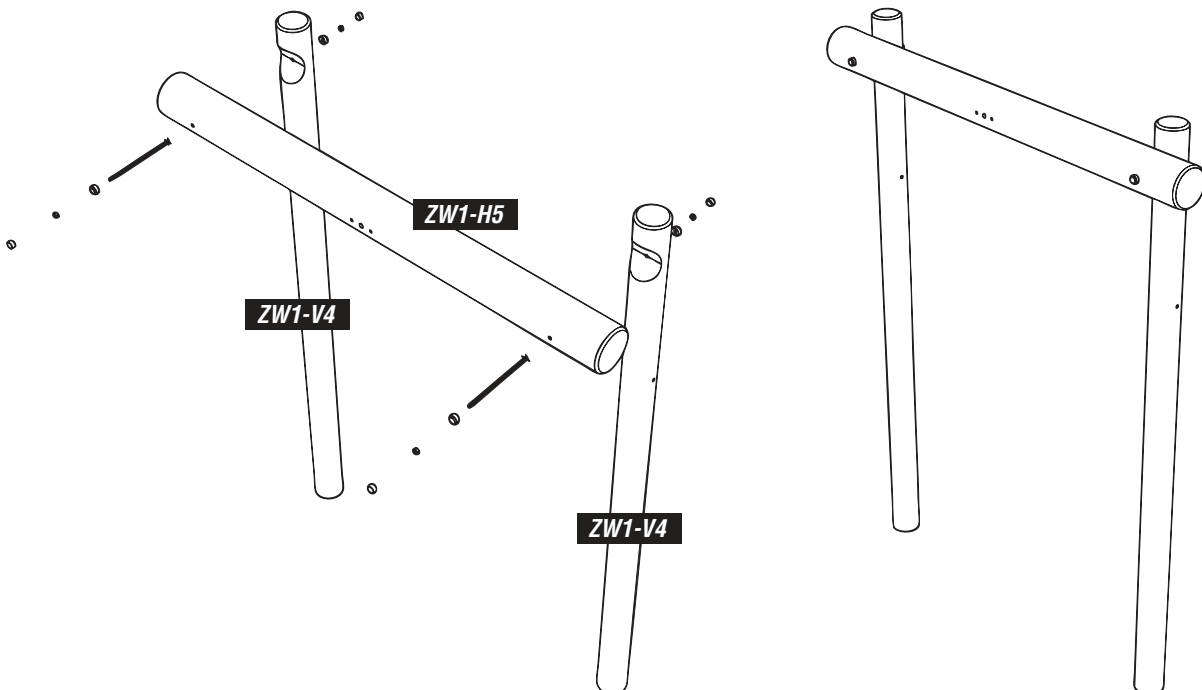
Timbers for the END SECTION are highlighted below



**17**

## Attach the H5 timber to the V4 timbers

Using **THREAD BAR 340mm** NYLOCS / COVERED END R60 (The V4 timbers are SCALLOPED)

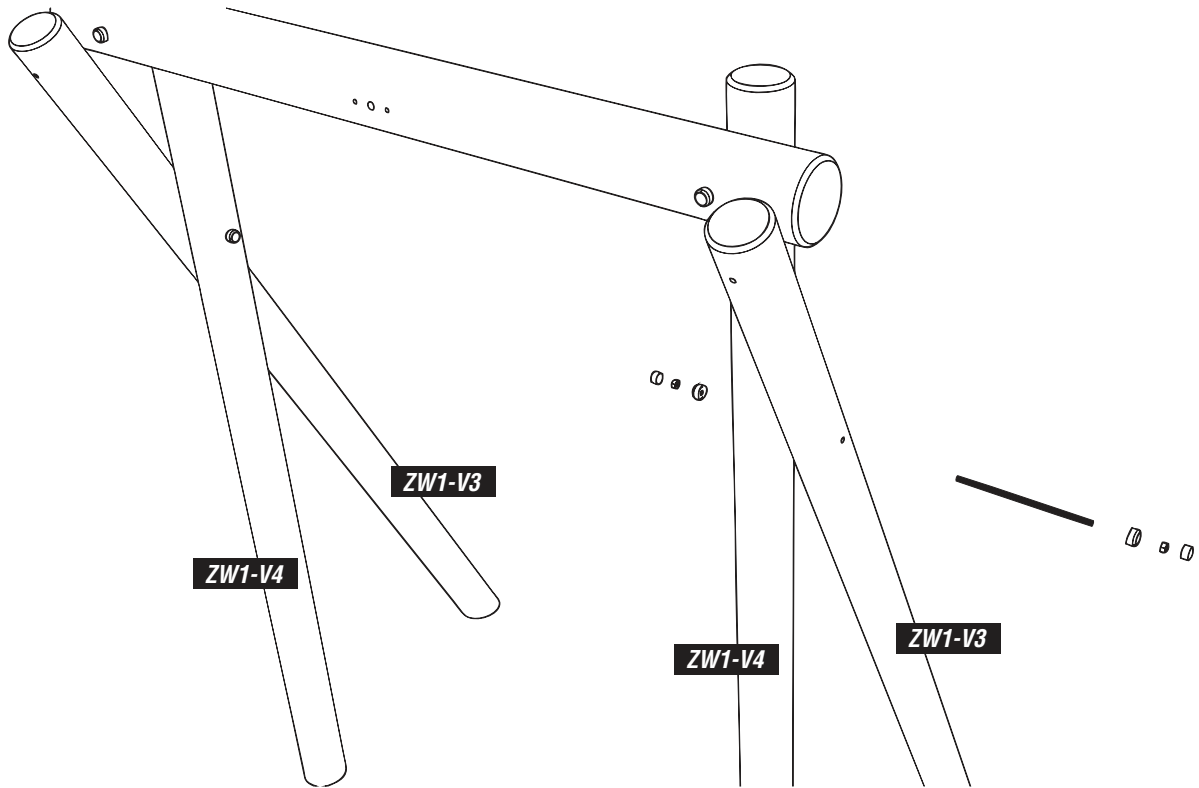


# Installation Instructions

**18**

## Attach the V3 timber to the V4 timbers

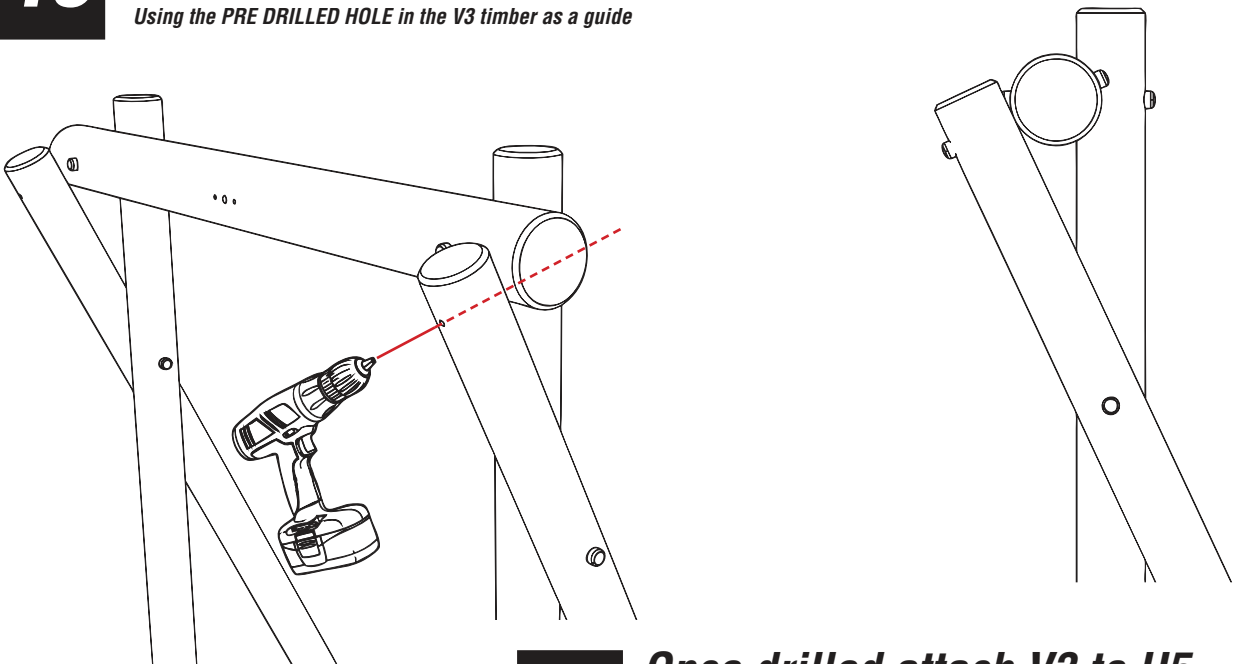
Using **THREAD BAR 340mm** NYLOCS / COVERED END R60



**19**

## Drill the H5 timber

Using the **PRE DRILLED HOLE** in the V3 timber as a guide



**20**

## Once drilled attach V3 to H5

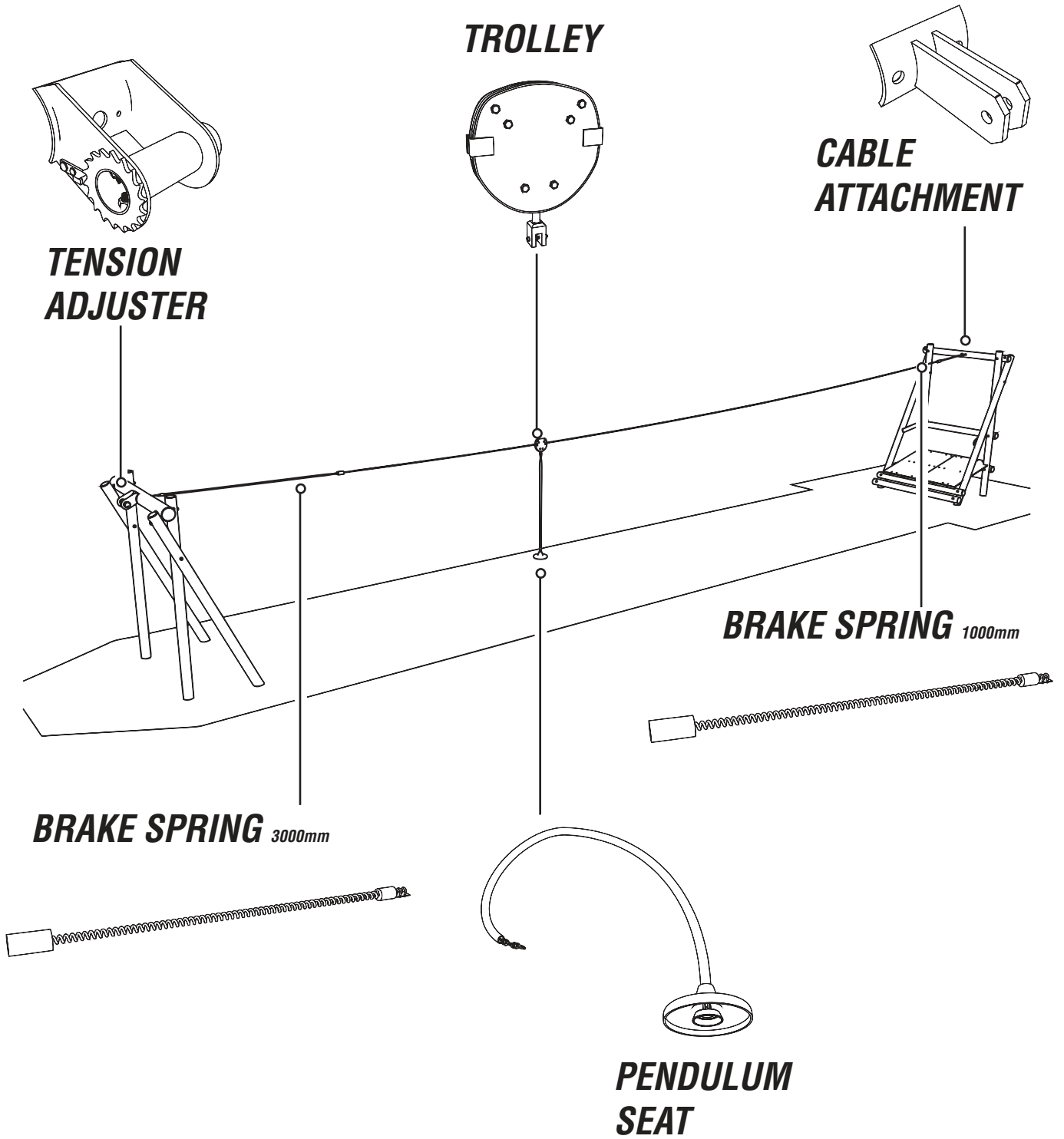
Using **THREAD BAR 400mm** NYLOCS / COVERED END R60

# Installation Instructions

**21**

## Attach the AERIAL RUNWAY COMPONENTS

Parts highlighted below

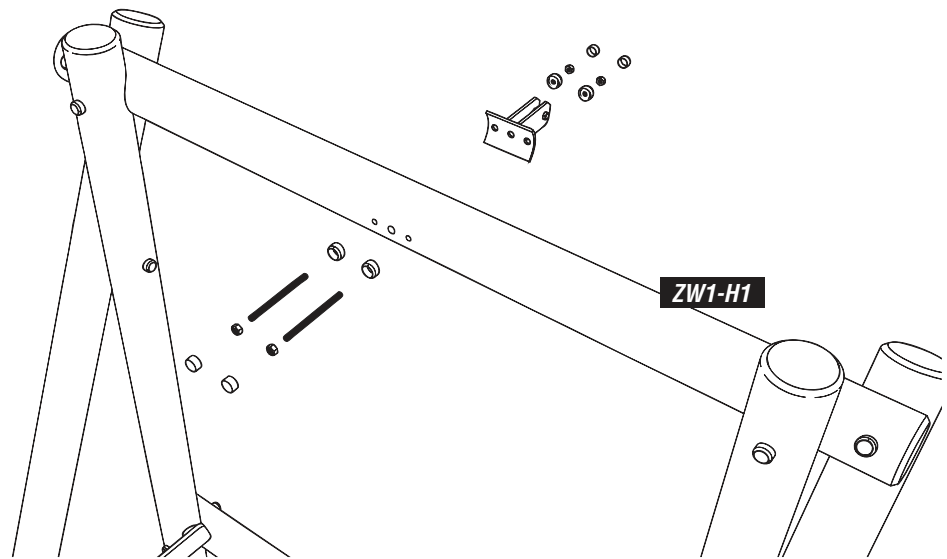
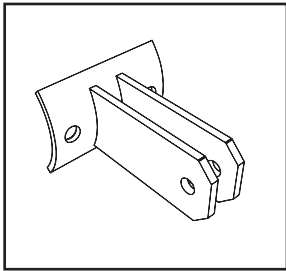


# Installation Instructions

**22**

**Attach the CABLE ATTACHMENT to the H1 timber**

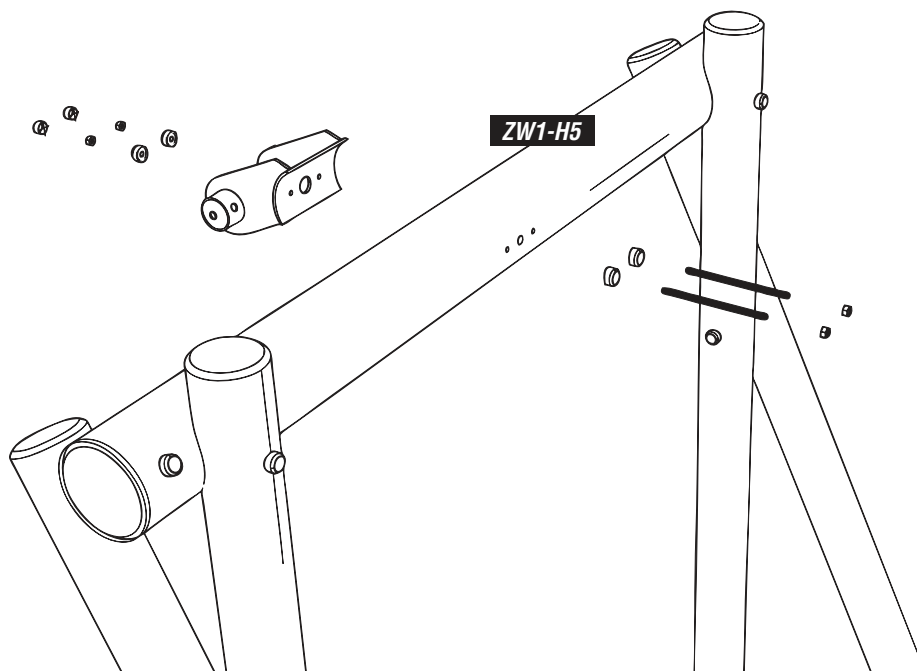
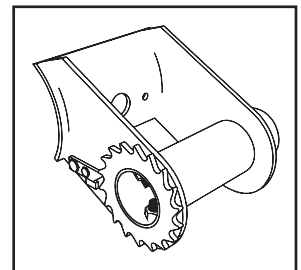
Using **THREAD BAR 195mm** NYLOGS / COVERED END R60



**23**

**Attach the TENSION ADJUSTER to the H5 timber**

Using **THREAD BAR 240mm** NYLOGS / COVERED END R60

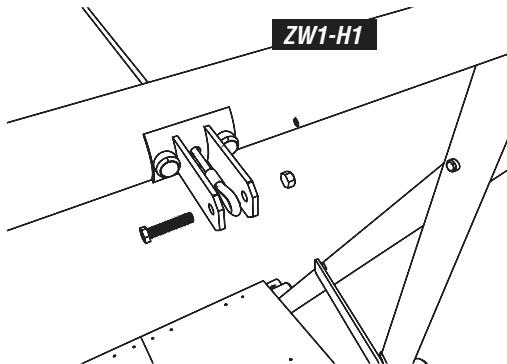


# Installation Instructions

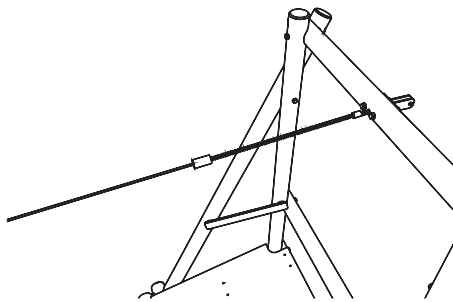
## 24

### Attach the steel CABLE

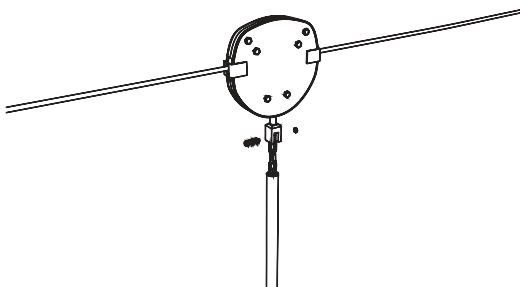
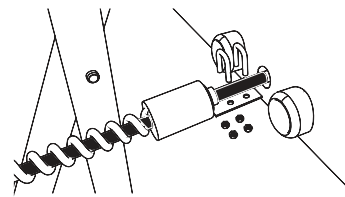
And the remaining parts / components



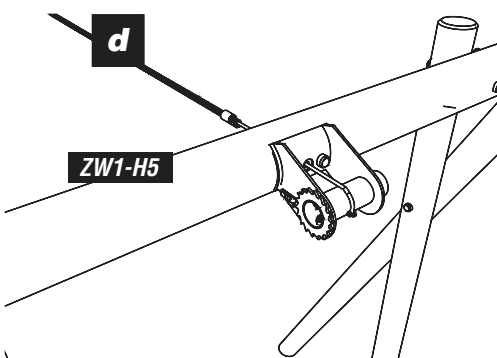
- a** ATTACH THE CABLE to the CABLE ATTACHMENT  
One end of the cable has a 'THIMBLE' fitting Bolt as shown LEFT and feed the CABLE through the STEEL PLATE and hole in the H1 timber



- b** Attach the SHORTER SPRING BRAKE to the cable  
The spring brake will slide over the the cable and has 2 x fixing nuts (D-NUTS) at one end DETAILED BELOW



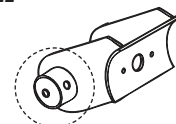
- c** Slide the cable through the TROLLEY and attach the pre assembled PENDULUM SEAT to the TROLLEY



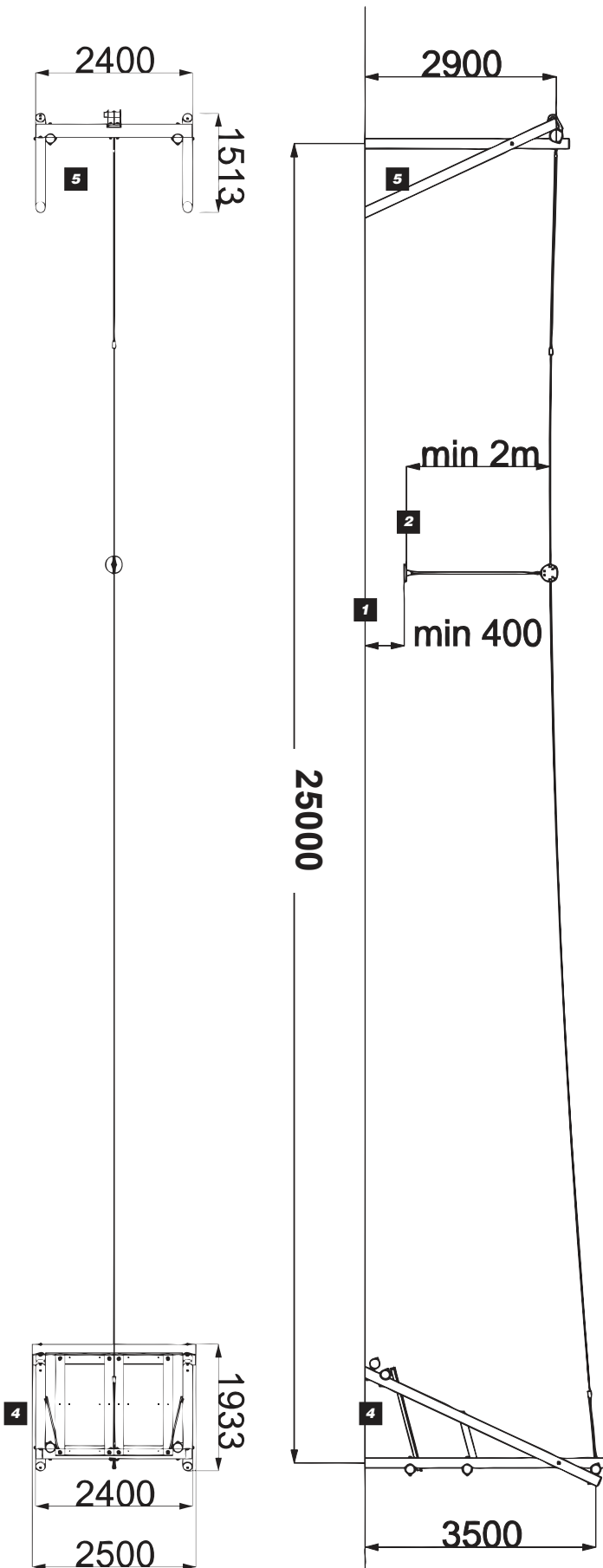
- d** Slide the cable through the 3m BRAKE SPRING (END SECTION of the AERIAL RUNWAY) again the brake spring will have 2 x fixing nuts (D-NUTS)

- e** Slide the remaining cable through the H5 timber and through the TENSION ADJUSTER PLATE

- f** Secure the WELDED END OF THE CABLE to the TENSION ADJUSTER - Using an appropriate tool (metal bar / thread bar...) tighten the cable using the 'CRANK' mechanism



# Additional Drawings



## NOTES:

- 1** GROUND CLEARANCE - Ensure the SEAT (when 'LOADED' with 130kg) is a minimum of 400mm from GROUND LEVEL
- 2** CABLE CLEARANCE - The seat must be 2100mm from the 10mm dia cable
- 3** IMPACT AREA - a distance of 2m is required either side of the cable
- 4** STARTING POINT - this is where the user can get seated (this is the 'RAMP / FLOOR end of the runway)
- 5** TERMINUS - this is the furthest away from the STARTING POINT

## 1 - WAY AERIAL RUNWAY

# NOTES:

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***This space can be used to make any notes relating to installation / assembly of the AERIAL RUNWAY - pass this sheet back to PRODUCT DEVELOPMENT to review the notes***