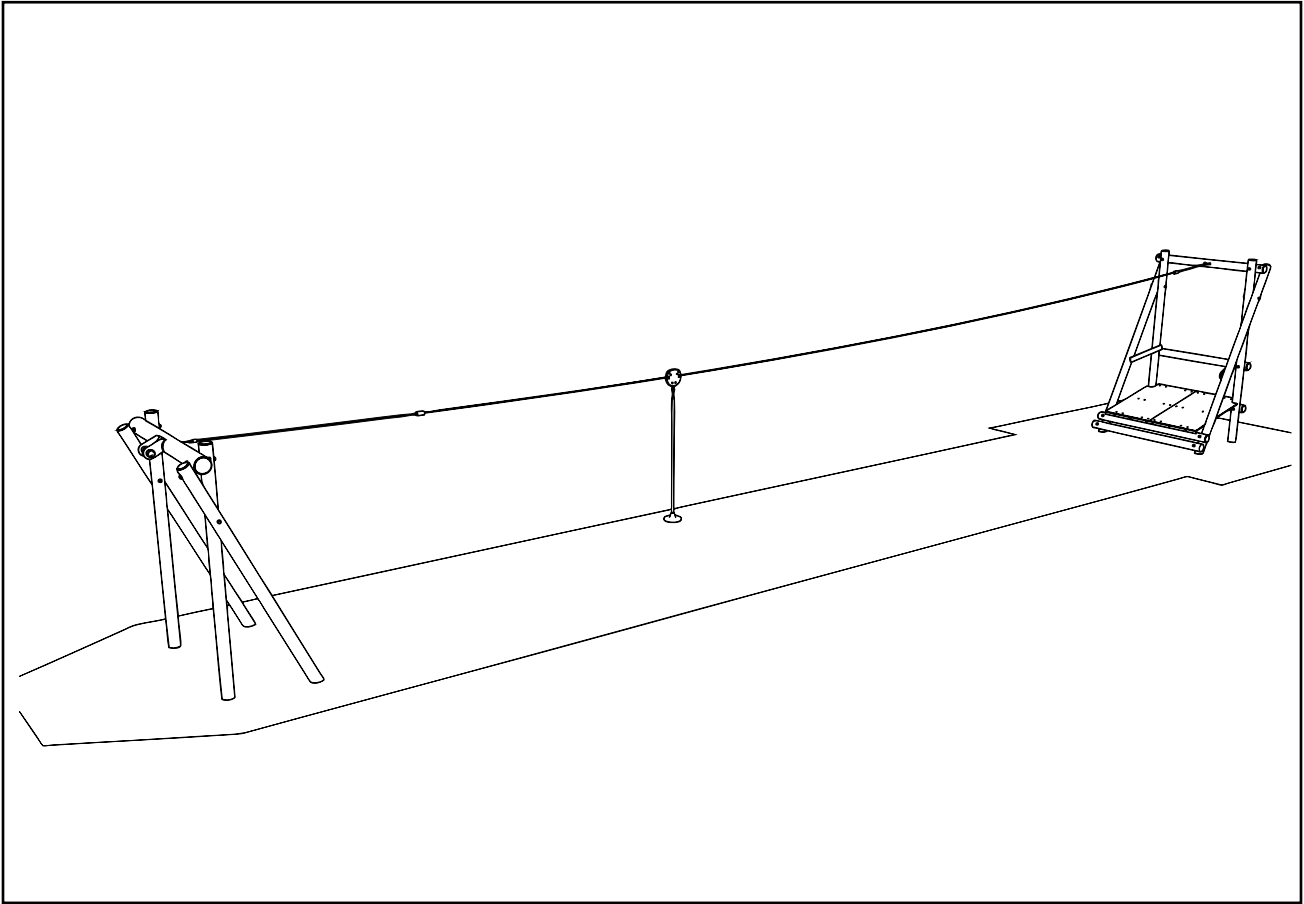


AERIAL RUNWAY (31M)

Installation Instructions

**creative
play**



CONTENTS

Parts Required	(pg. 2 - 4)
Tools Required	(pg. 5)
Foundation Details	(pg. 6)
Surfacing Details	(pg. 7-8)
Step by step Instructions	(pg. 9 - 21)
Additional Drawings	(pg. 22)
Notes	(pg. 23)

PARTS required

ZW1-H1 QTY - 1

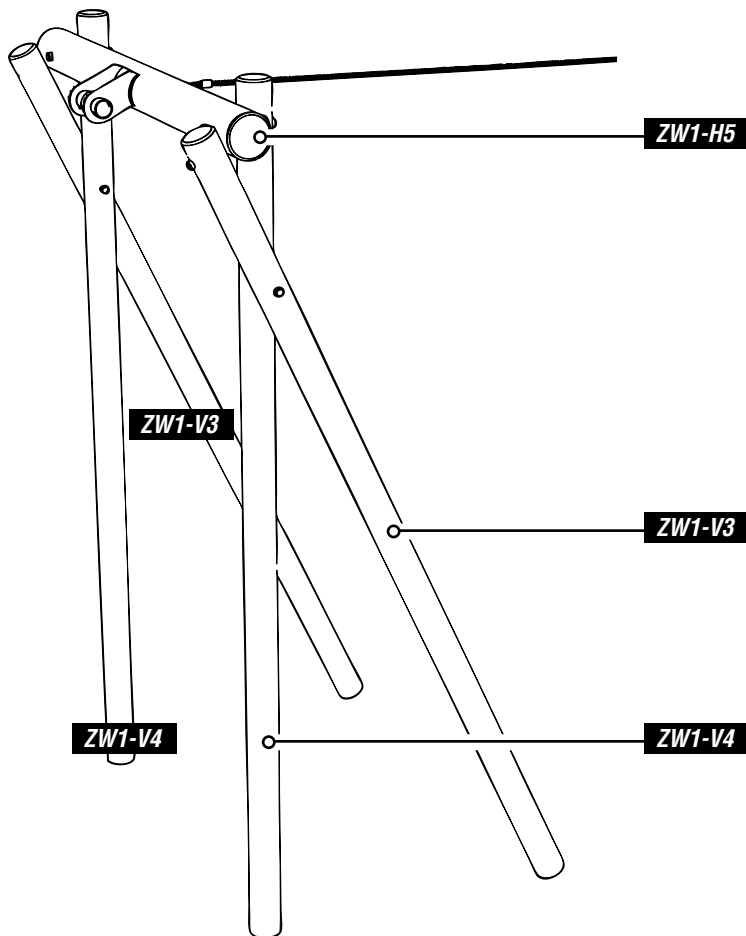
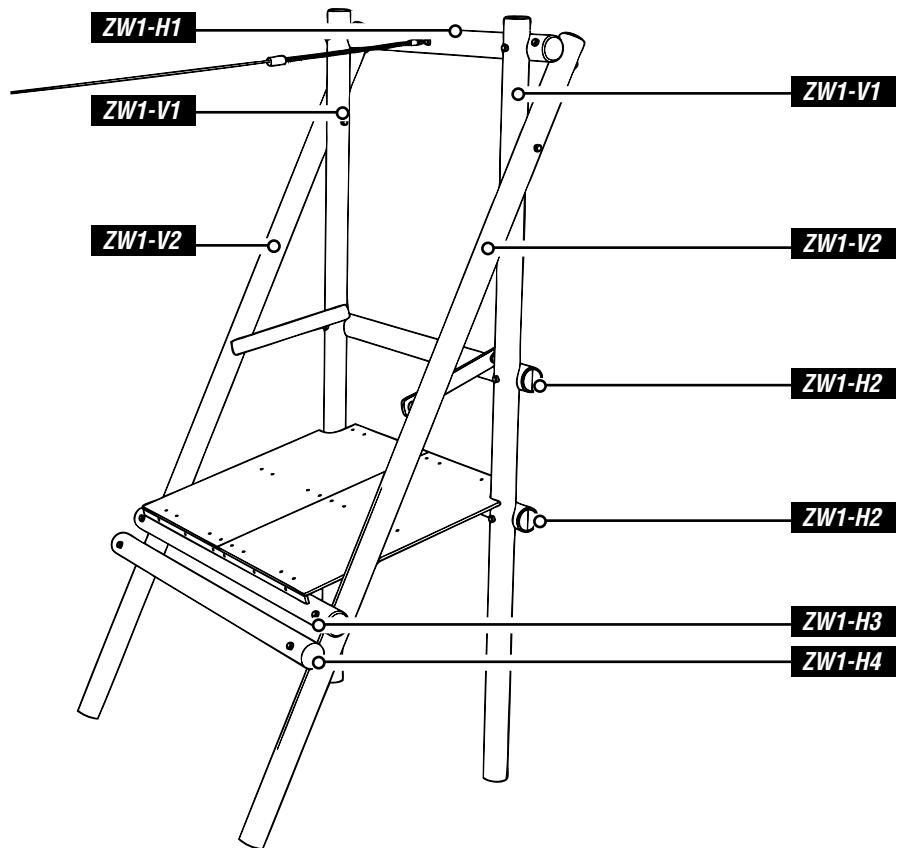
ZW1-V1 QTY - 2

ZW1-V2 QTY - 2

ZW1-H2 QTY - 2

ZW1-H3 QTY - 1

ZW1-H4 QTY - 1

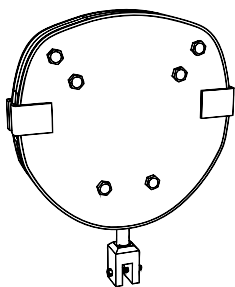


ZW1-V3 QTY - 2

ZW1-V4 QTY - 2

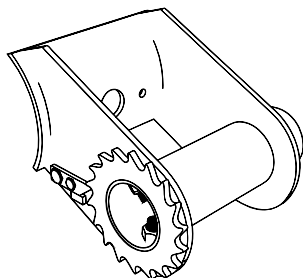
ZW1-H5 QTY - 1

PARTS required continued...



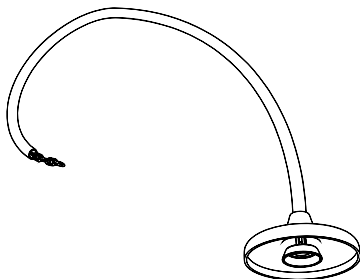
QTY - 1 - TROLLEY

STAINLESS STEEL with break and chain attachment for pendulum seat



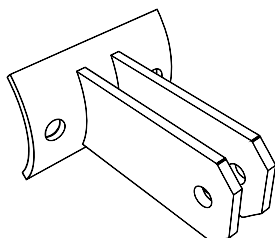
QTY - 1 - TENSION ADJUSTER

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 31M

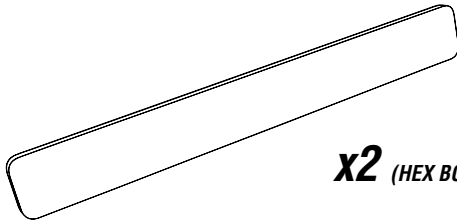
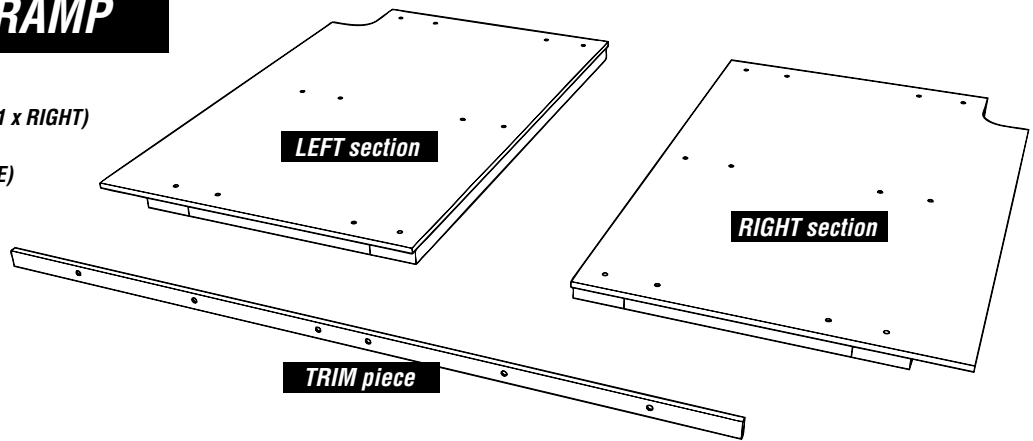
10mm dia steel cable (1 side THIMBLE / 1 side welded)

PARTS required continued...

FLOOR / RAMP

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

QTY - 1 (TRIM PIECE)



x2 (HEX BOARD 'GUARD RAIL')

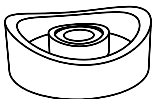


- x2** 365mm
- x8** 285mm
- x8** 340mm
- x2** 195mm
- x2** 240mm
- x2** 400mm

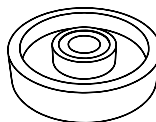


x12 (FM120 'Brass screws')
To be used for HEX BOARD 'GUARD RAILS'
and FLOOR / RAMP Assembly

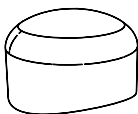
x6 (FM80 'Brass screws')
FLOOR TRIM PIECE



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



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

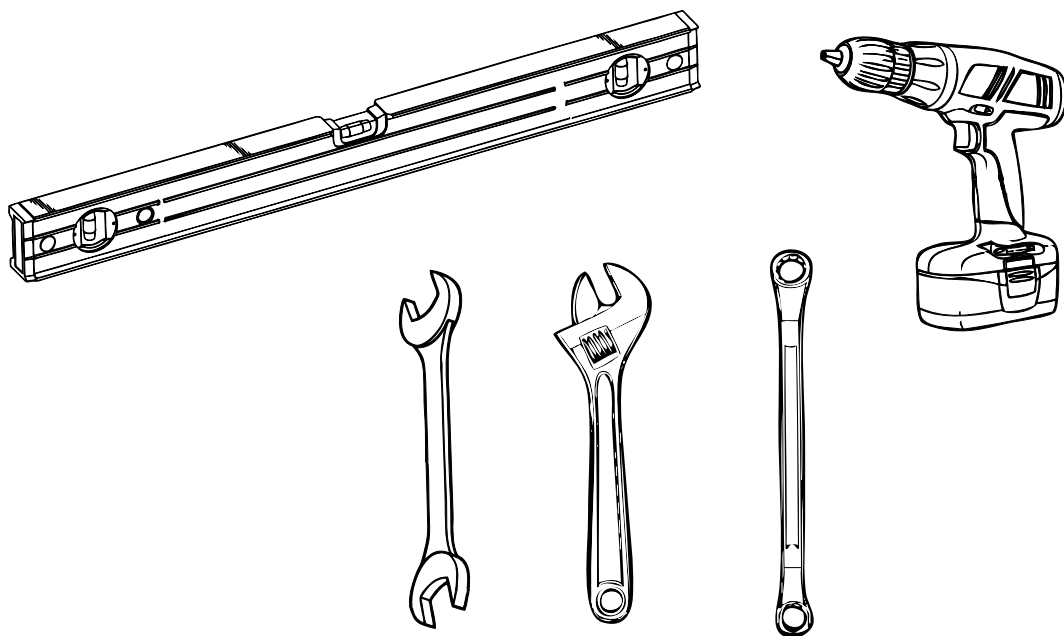


x48 (Covered end cap R60)
NOT STANDARD END CAP - has a
radius cut into it



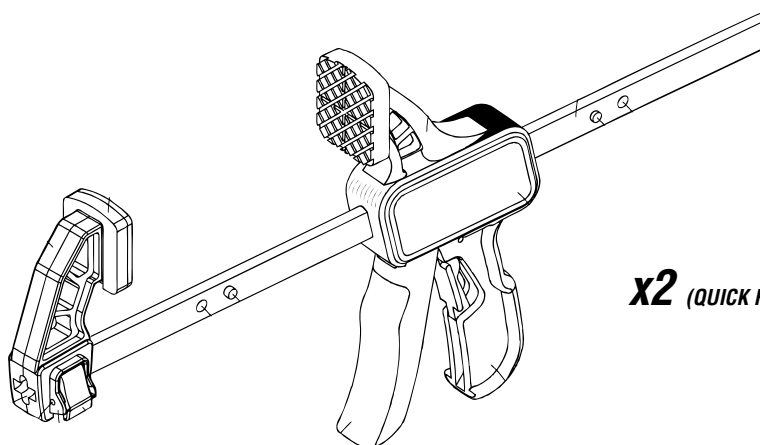
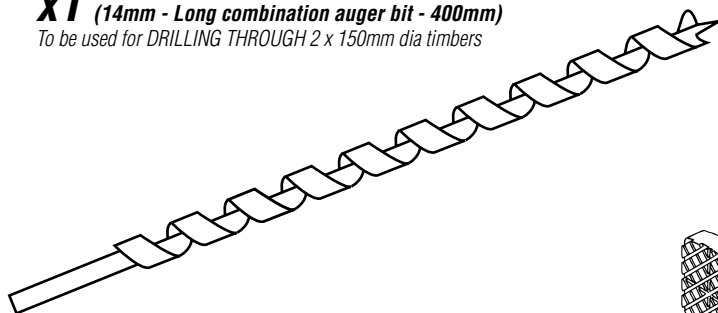
x48 ('NYLOCS' M12 - Nylon locking nuts)

TOOLS required



SPECIFIC AERIAL RUNWAY TOOLS

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



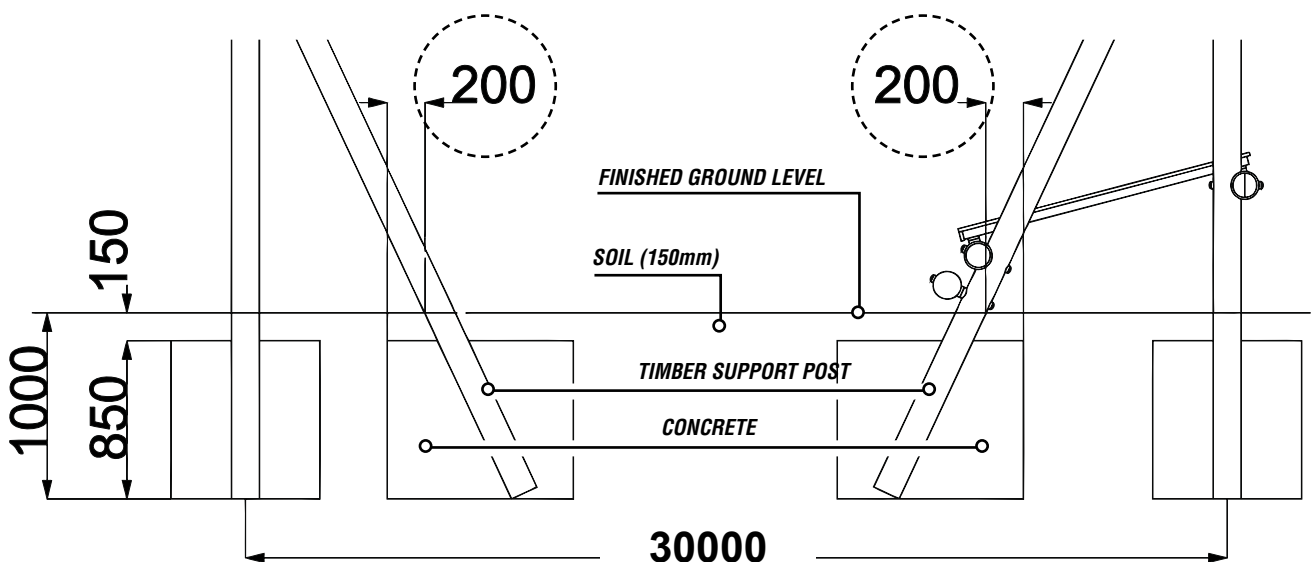
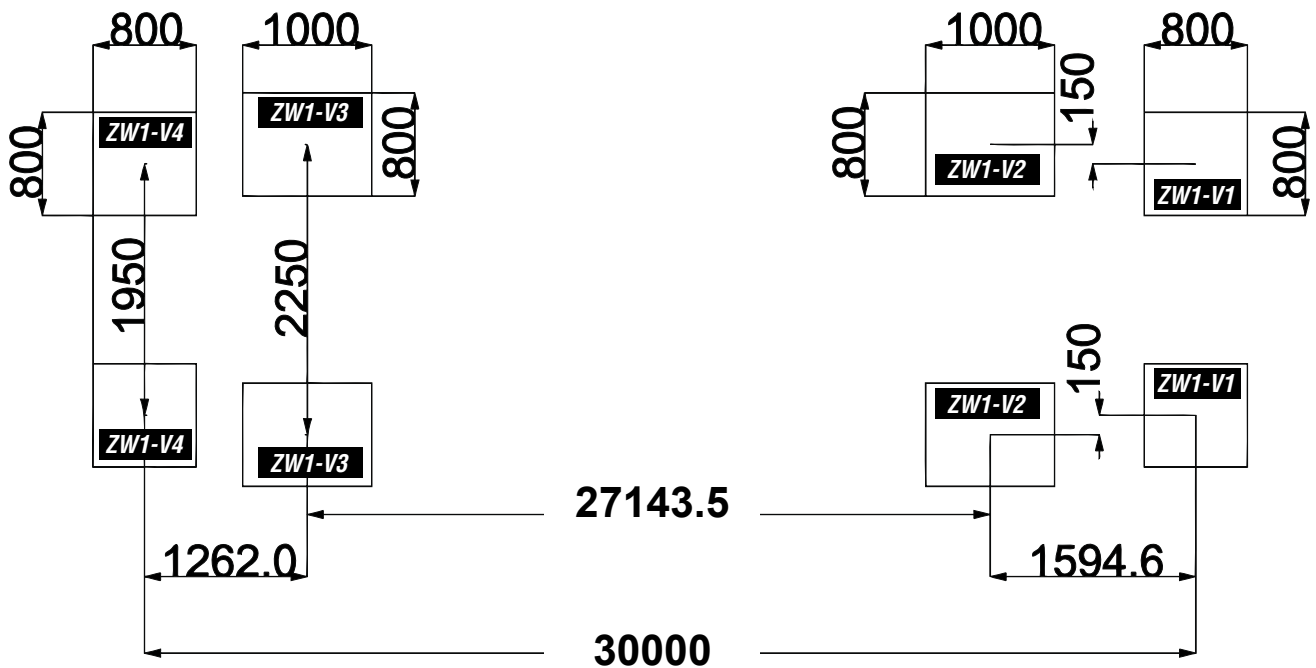
X2 (QUICK RELEASE CLAMPS)

Foundation Details

'SQUARE' FOUNDATIONS 800mm x 800mm x 1000

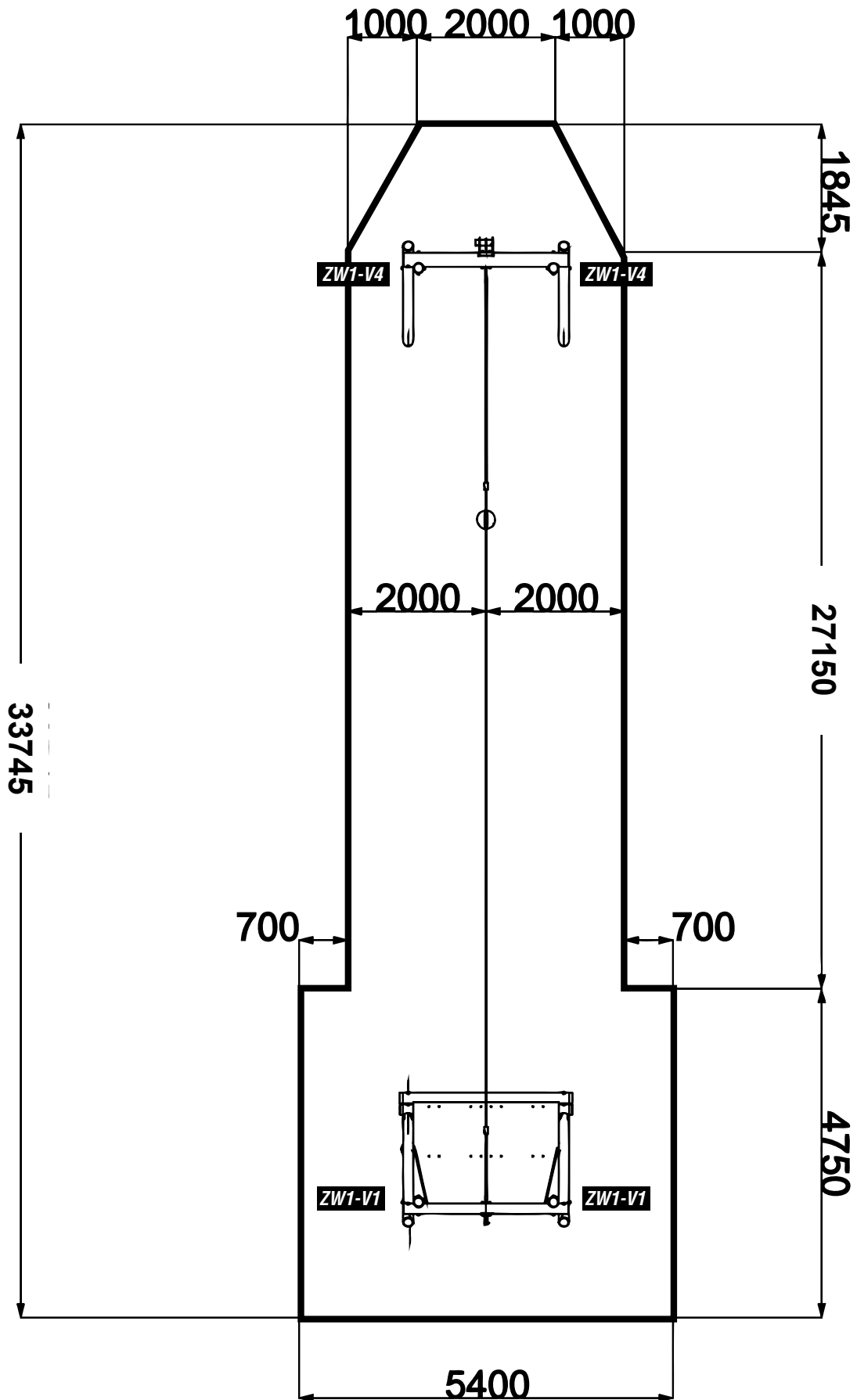
'RECTANGLE' FOUNDATIONS 800mm x 1000mm x 1000

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



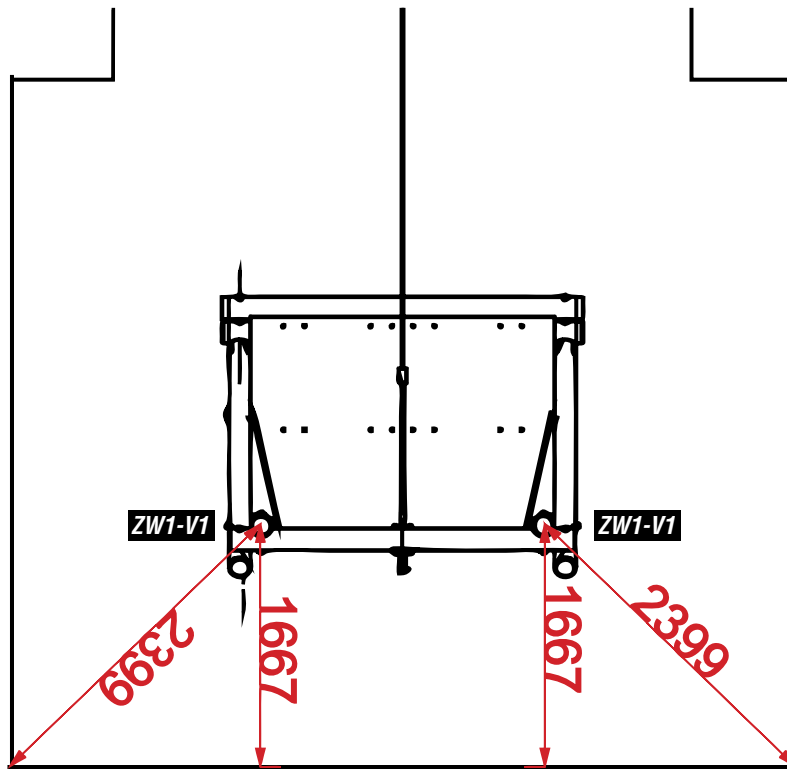
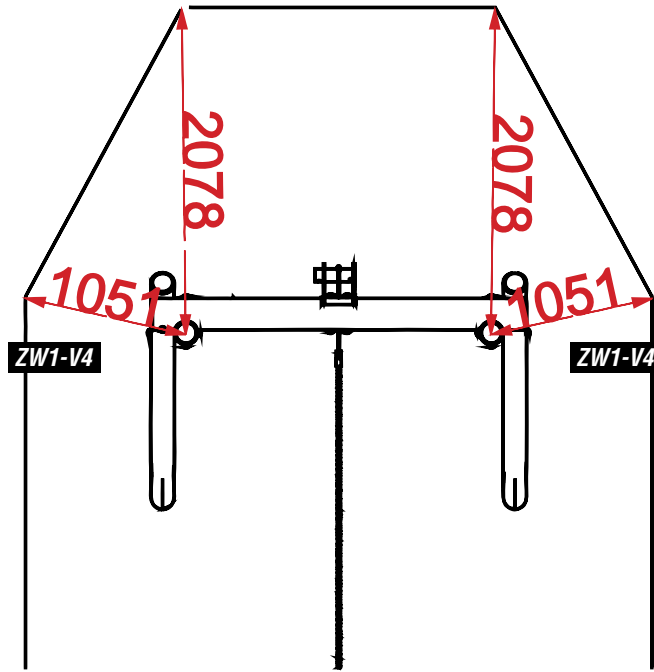
ZW1-V2 / V3 TIMBERS ARE SET an ANGLE - the 'edge' of the 800mm foundation measurement is 200mm away from the post where it 'MEETS' the ground level (CIRCLED ABOVE)

Surfacing Details



Surfacing Details

RED DIMENSIONS CENTRE OF VERTICAL TIMBERS TO SURFACING

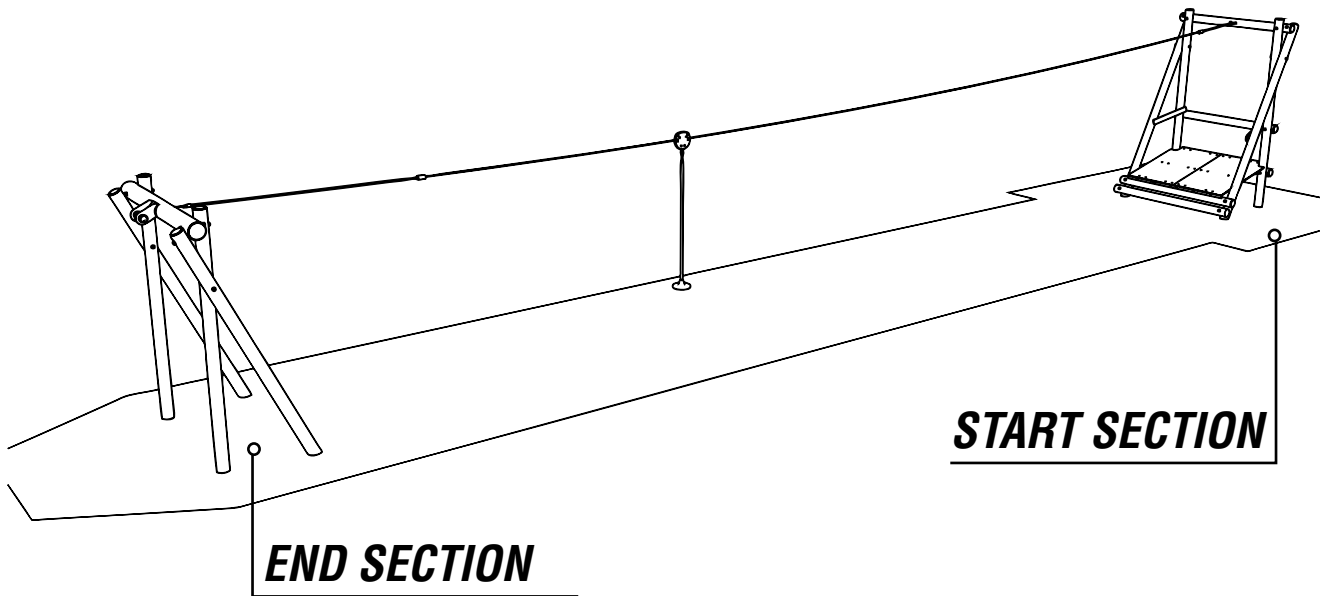


Installation Instructions

1

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

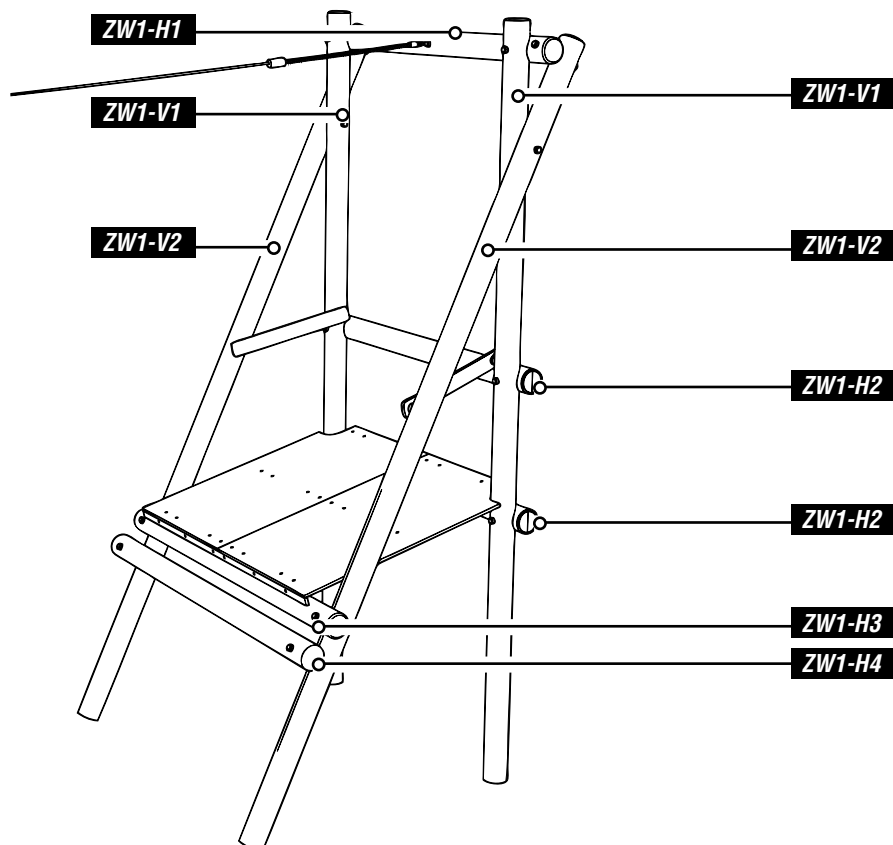
END SECTION steps **1** to **19**



2

Install the **START SECTION**

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

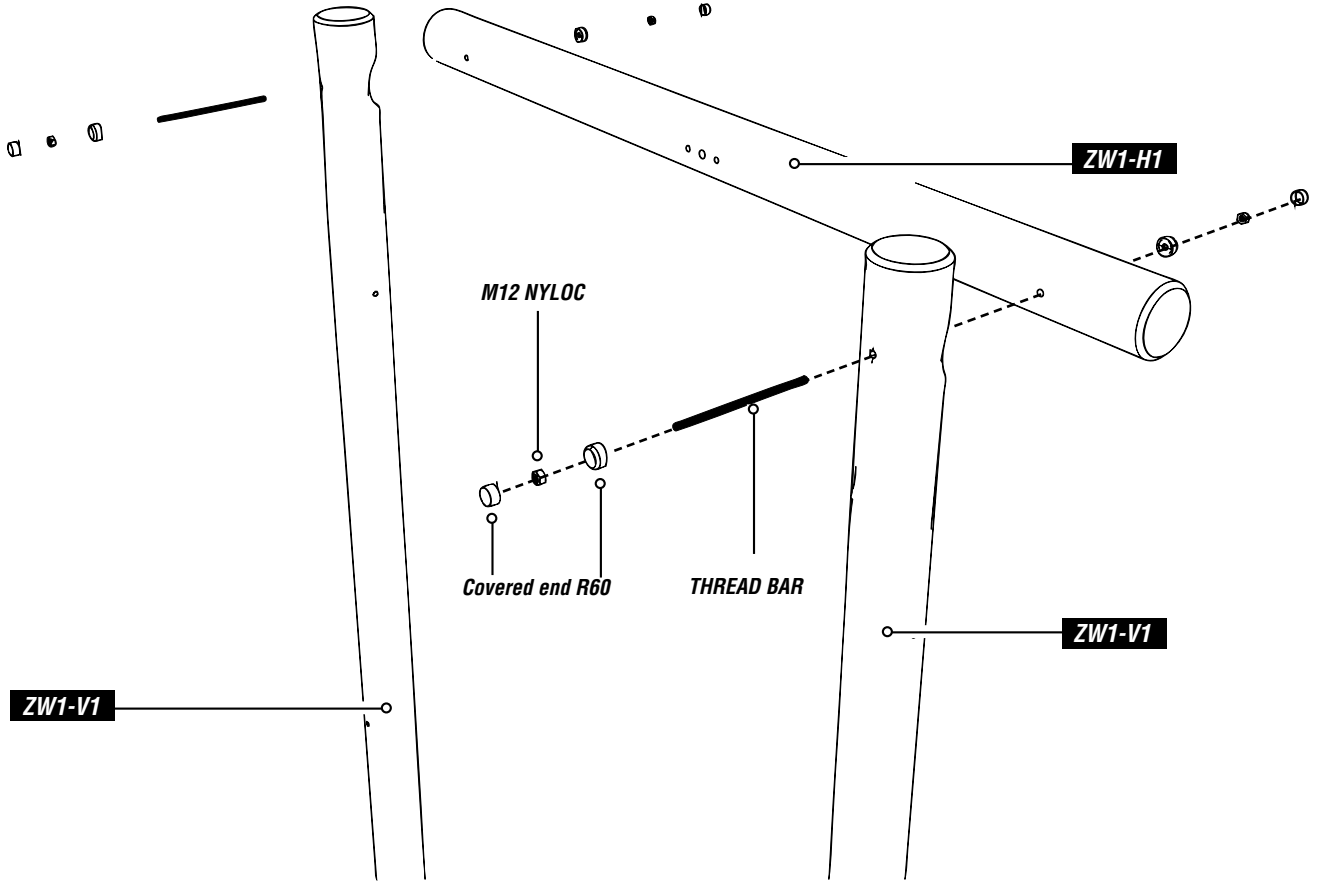


Installation Instructions

3

Attach the H1 timber to the V1 timbers

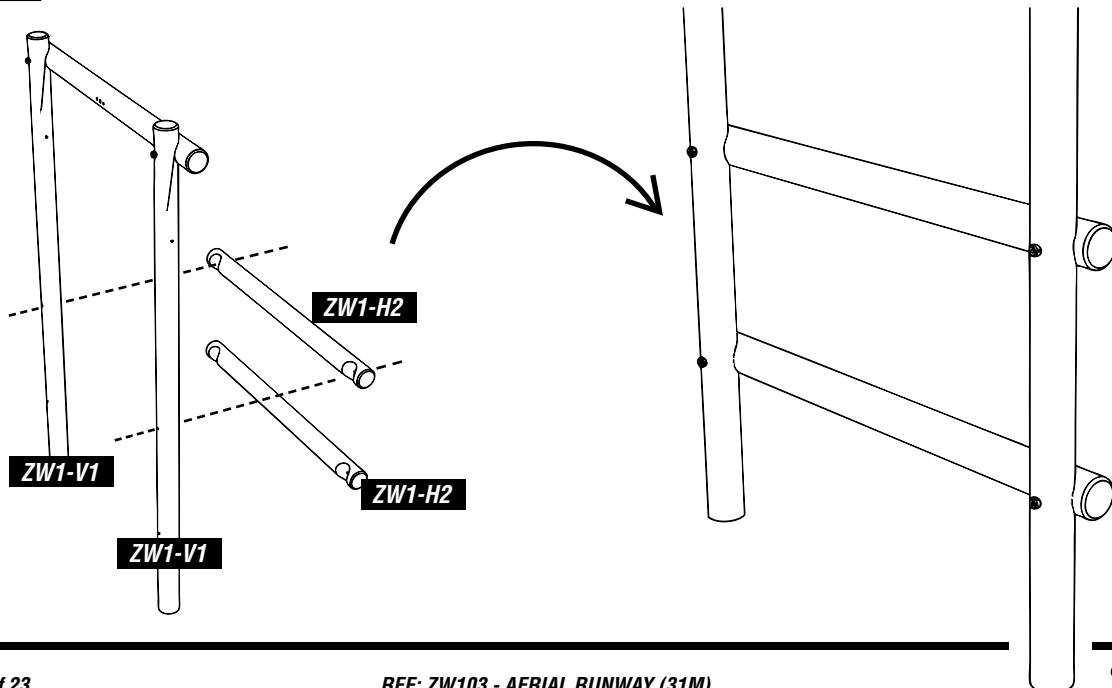
Using **THREAD BAR 285mm** NYLOCS / COVERED END R60 (The V1 timbers are SCALLOPED)



4

Attach the H1 timber to the V1 timbers

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

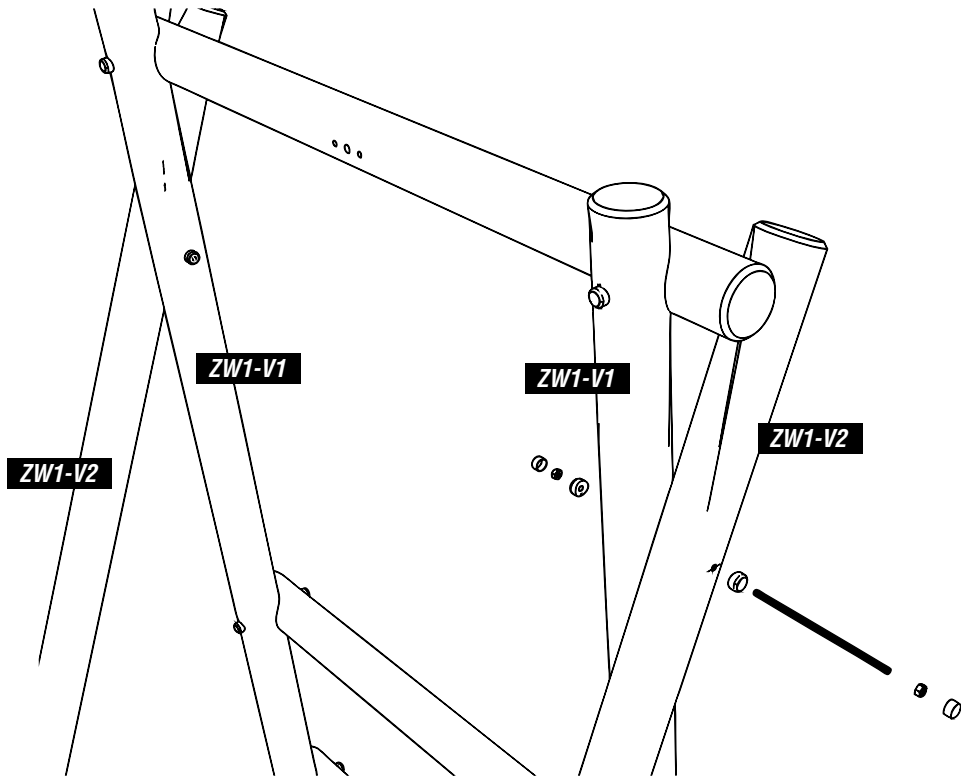


Installation Instructions

5

Attach the H1 timber to the V1 timbers

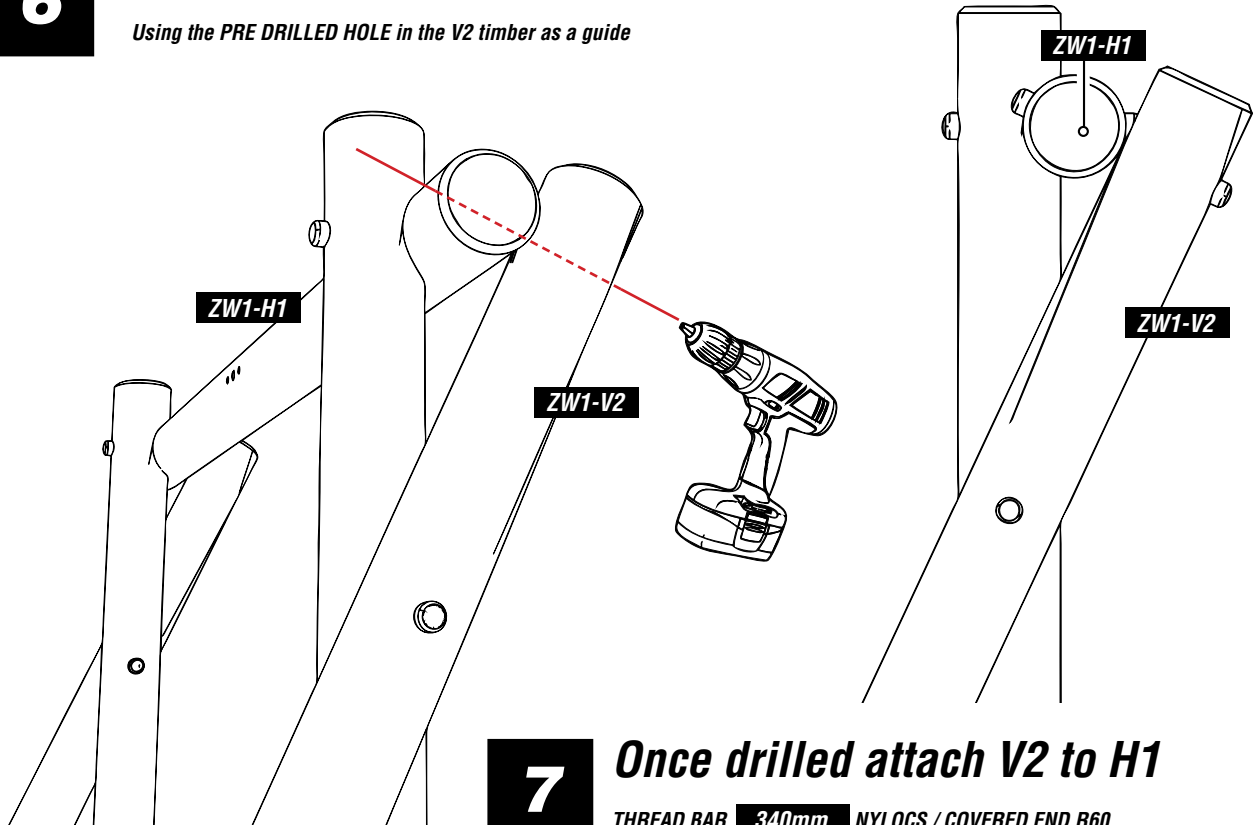
Using **THREAD BAR 340mm** NYLOCS / COVERED END R60



6

Drill the H1 timber

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



7

Once drilled attach V2 to H1

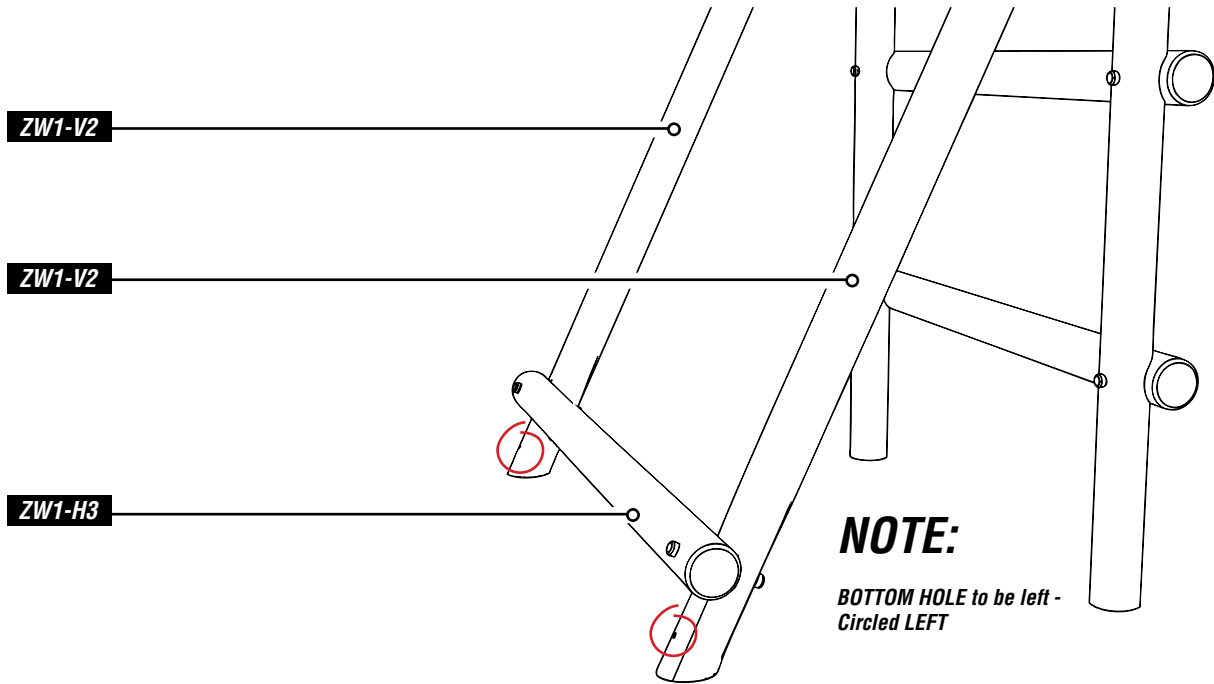
THREAD BAR 340mm NYLOCS / COVERED END R60

Installation Instructions

8

Attach the H3 timber to the V2 timbers

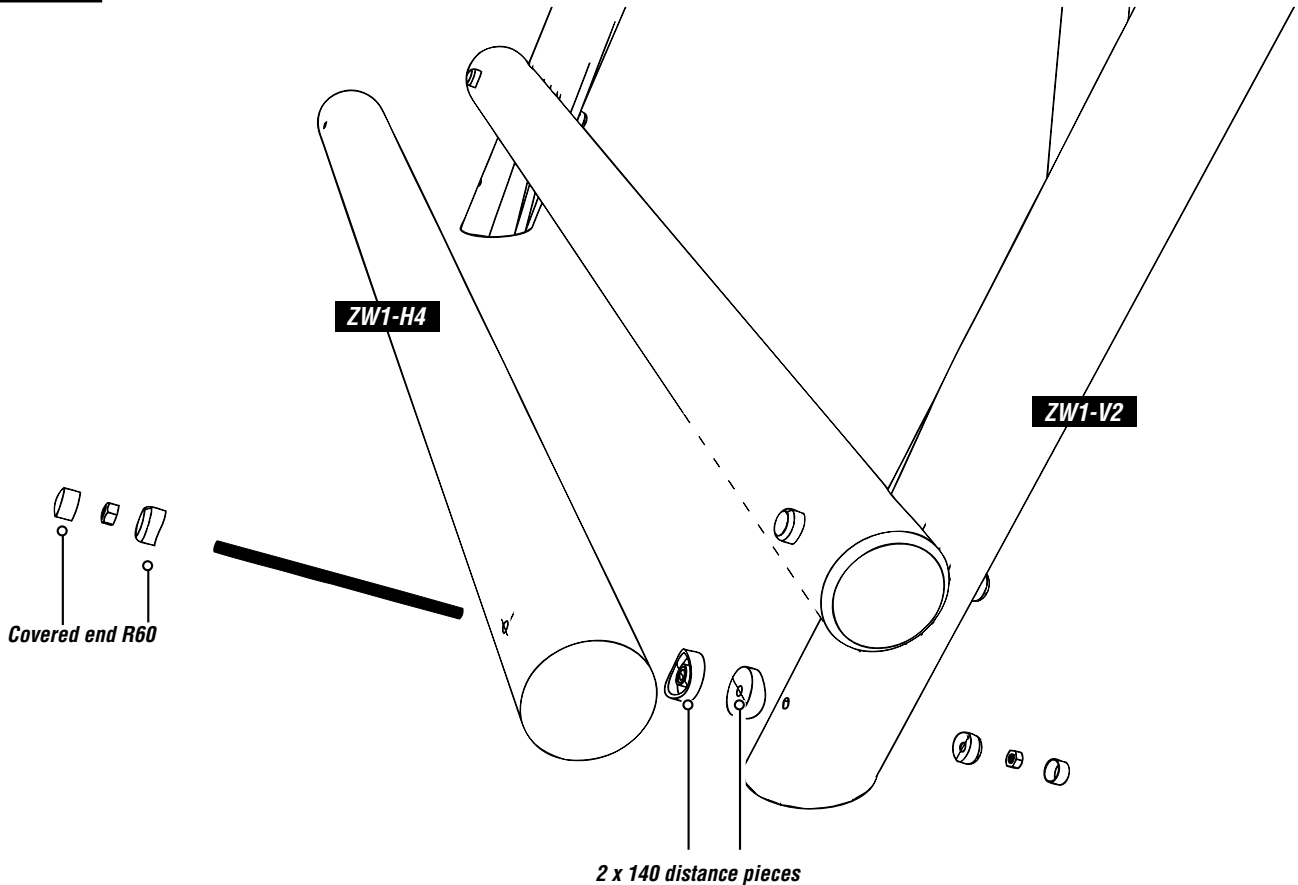
Using **THREAD BAR 285mm** NYLOCS / COVERED END R60 (The H3 timbers are SCALLOPED)



9

Attach the H4 timber to the V2 timbers

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

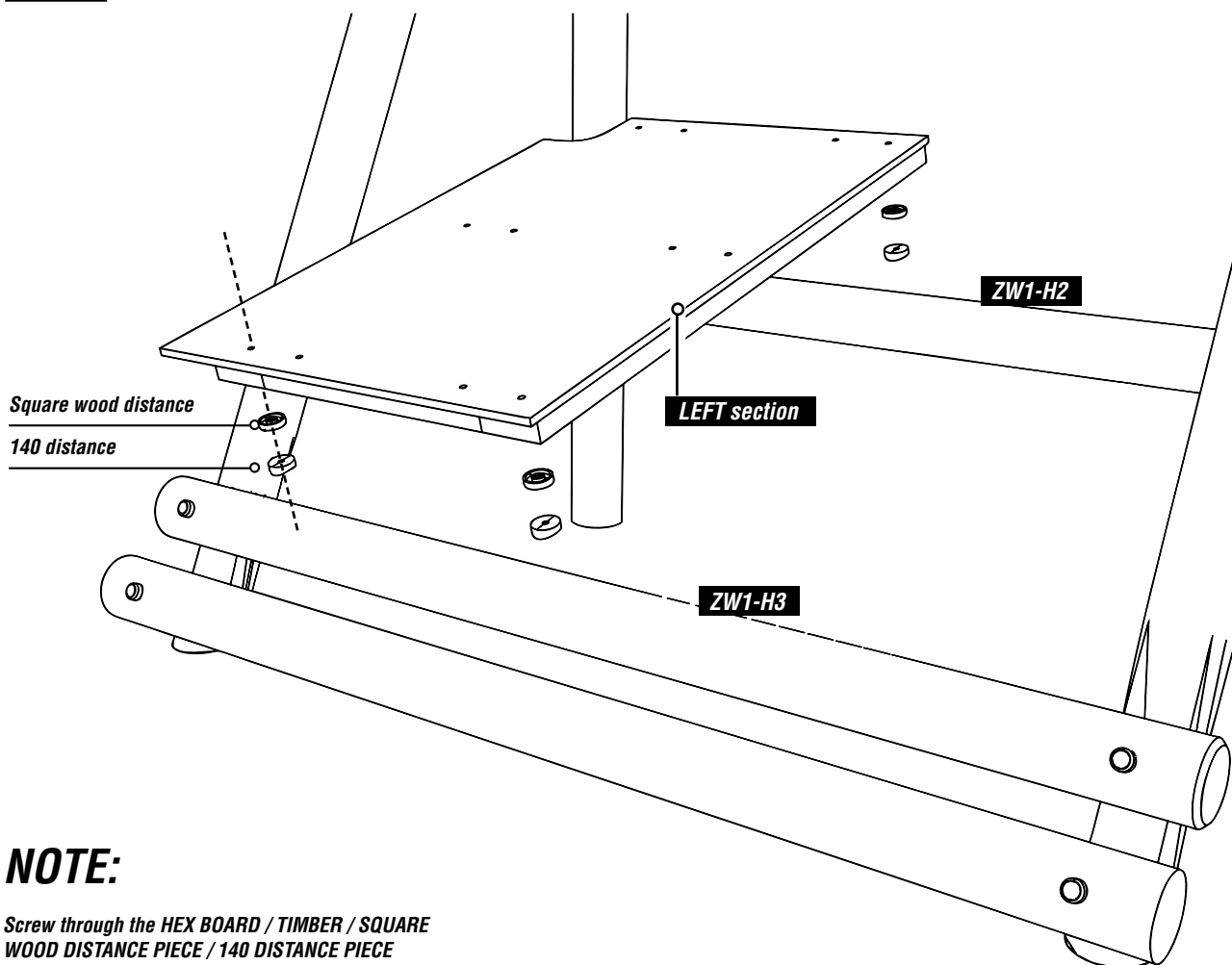


Installation Instructions

10

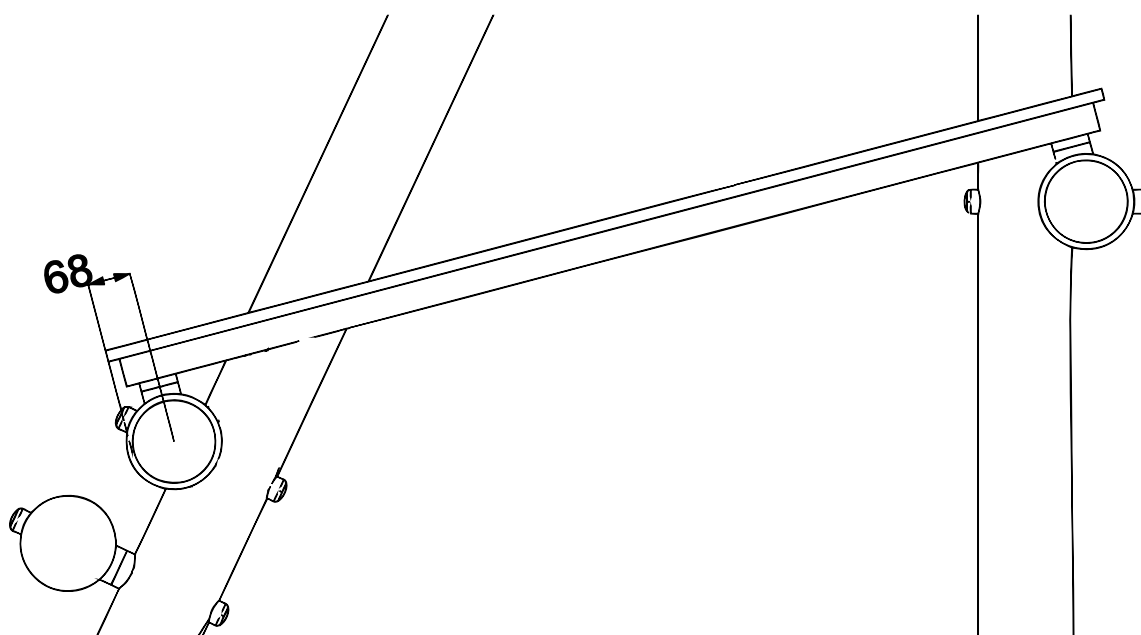
Screw the LEFT SECTION to the H2 / H3 timbers

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

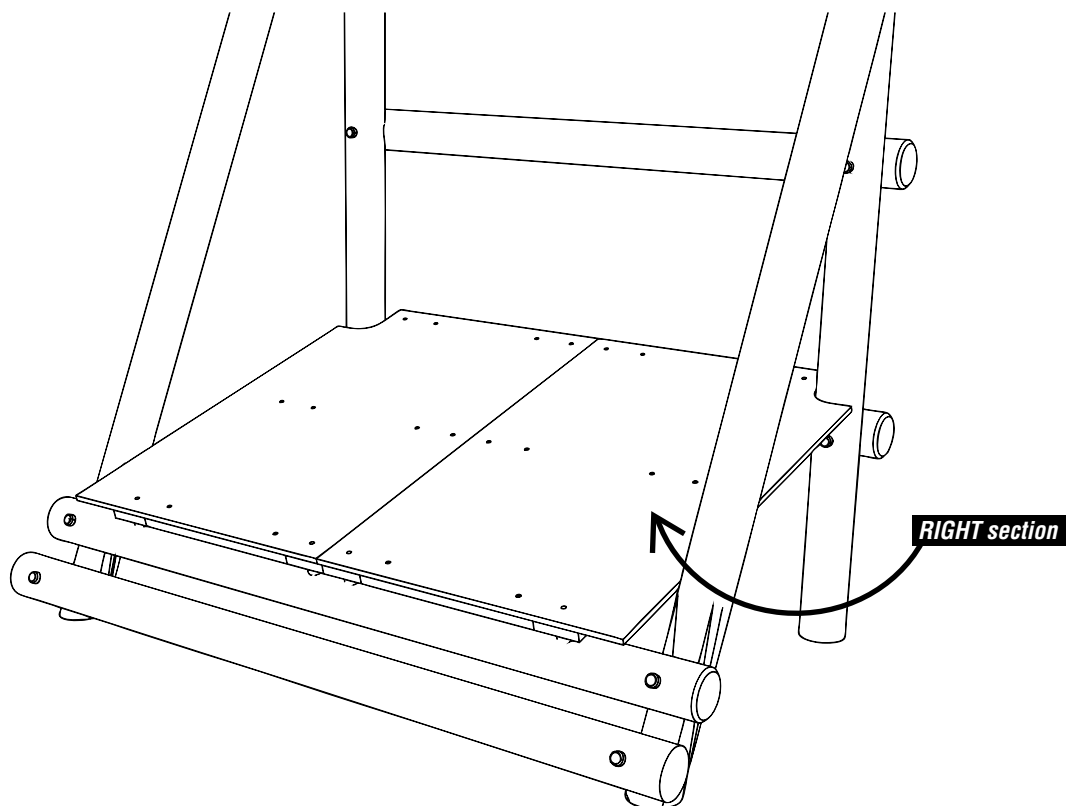


Installation Instructions

11

Repeat the previous step for the RIGHT SECTION

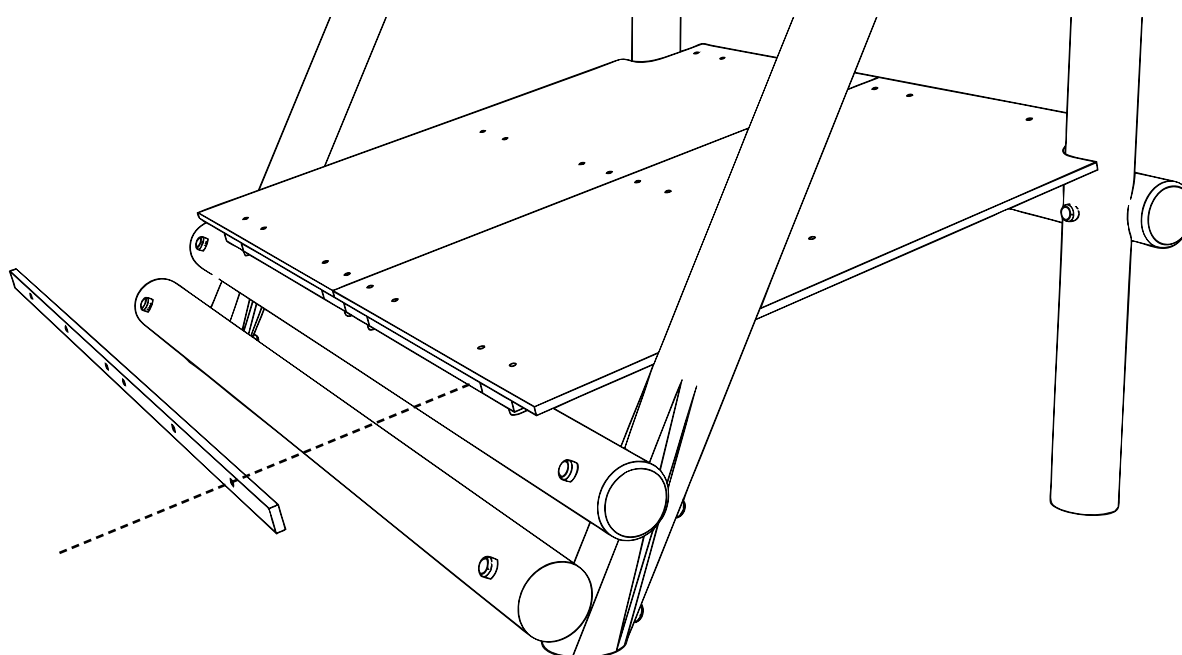
Using 120 BRASS SCREWS / 140 DISTANCE PIECES / SQUARE WOOD DISTANCE PIECES



12

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

Using the smaller 'MULTI PURPOSE' screws

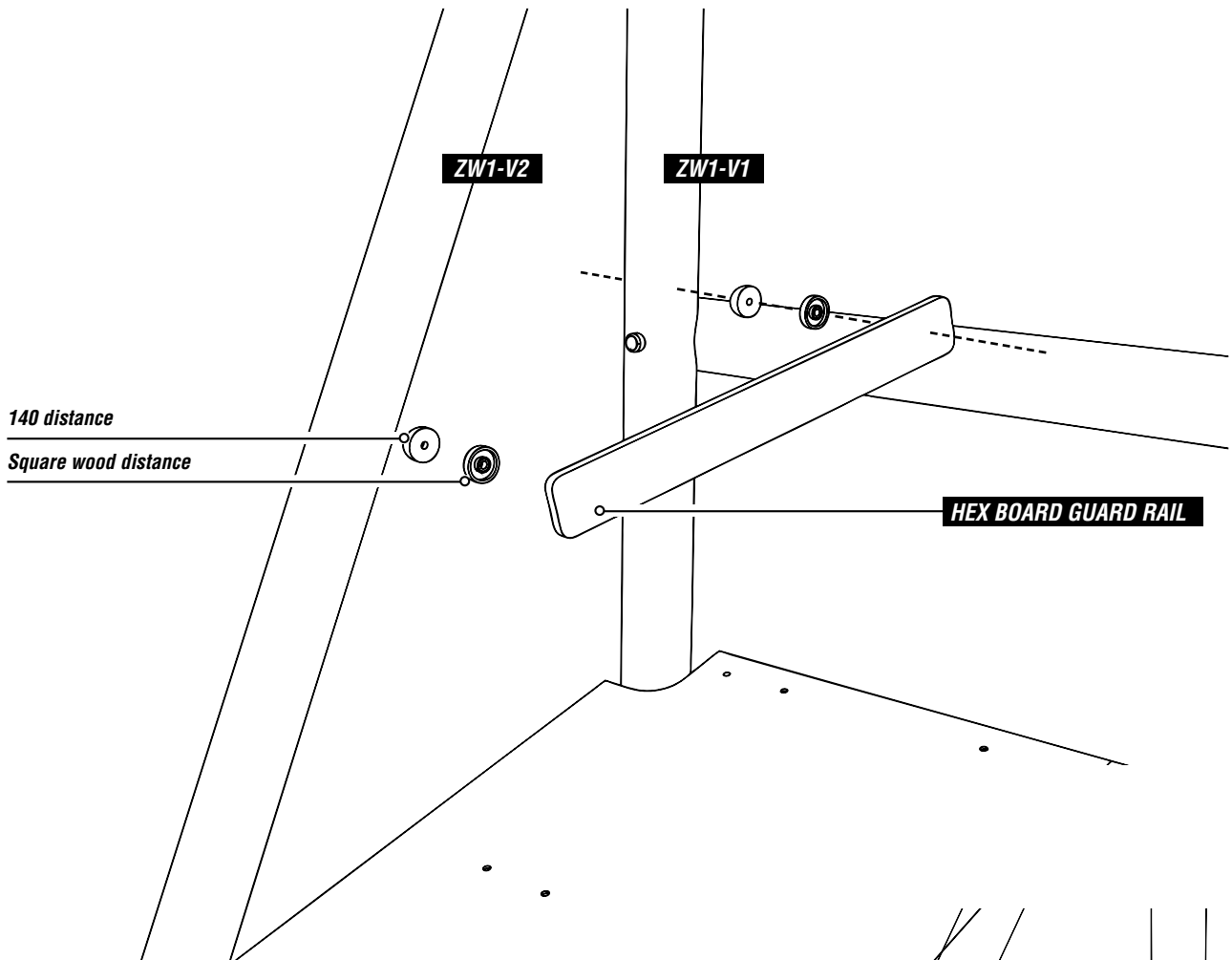


Installation Instructions

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

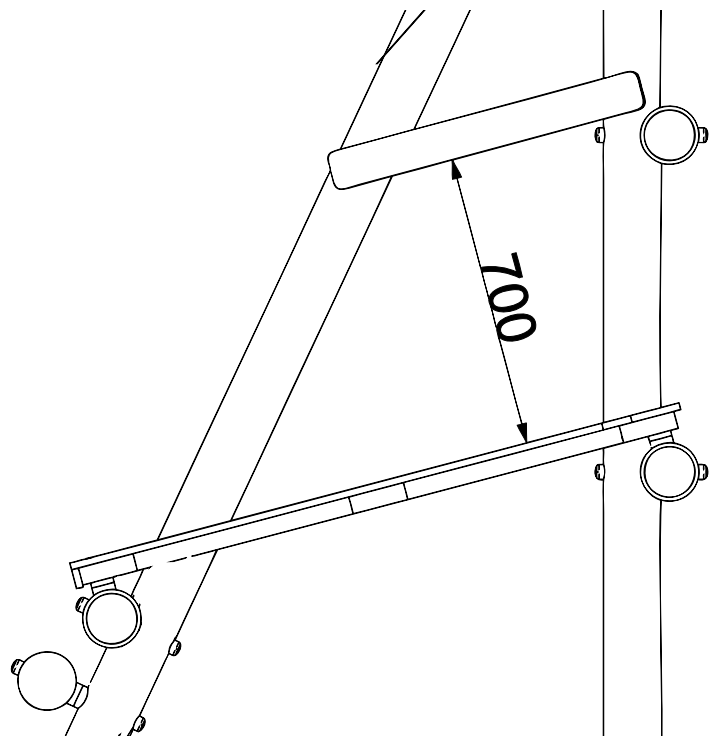
600mm & 850mm

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

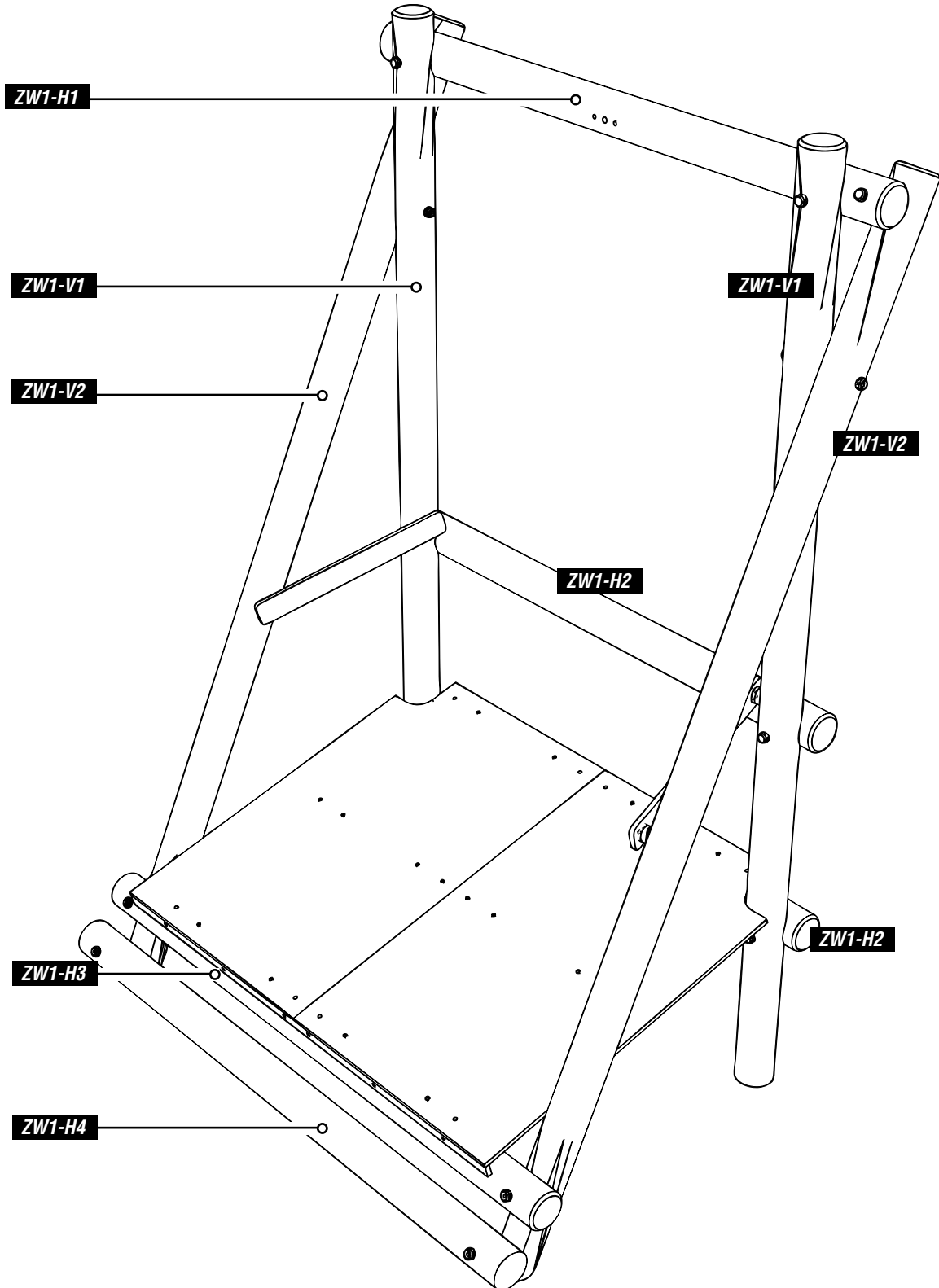


Installation Instructions

15

START SECTION COMPLETE

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

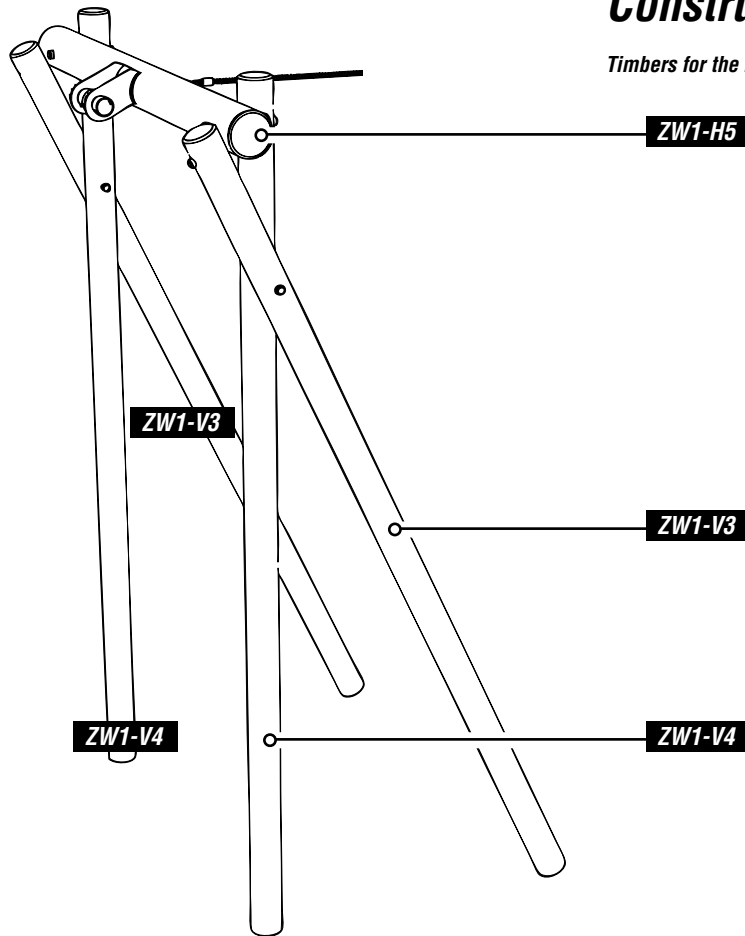


Installation Instructions

16

Construct the END SECTION

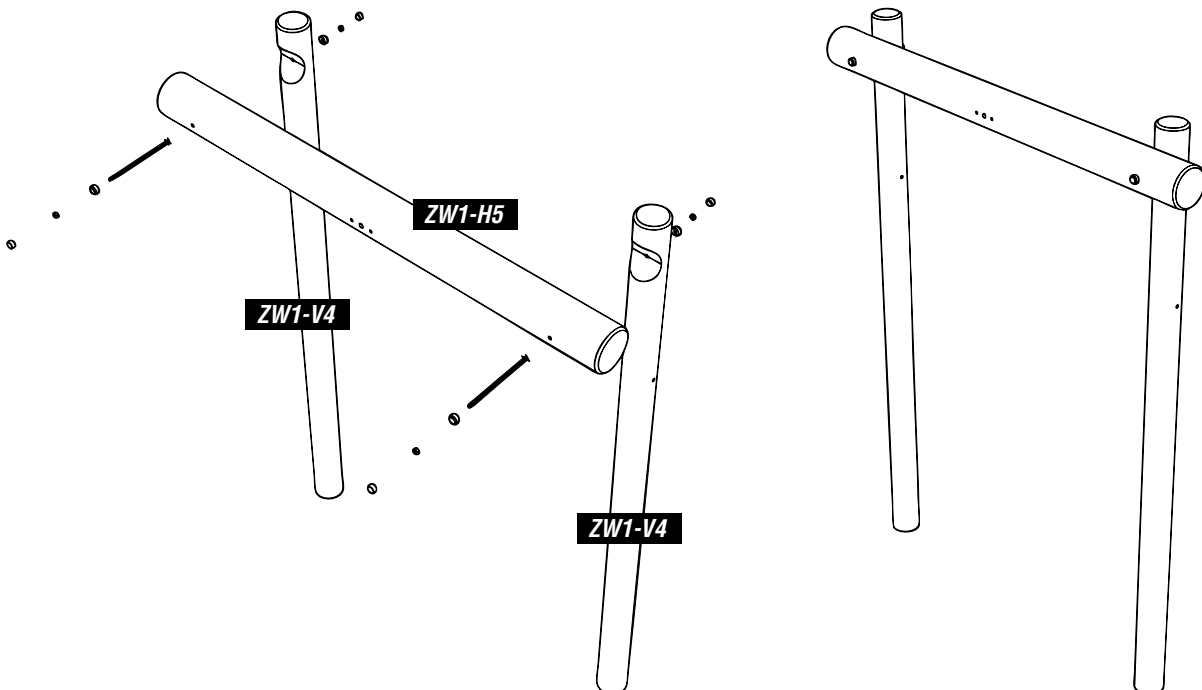
Timbers for the END SECTION are highlighted below



17

Attach the H5 timber to the V4 timbers

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

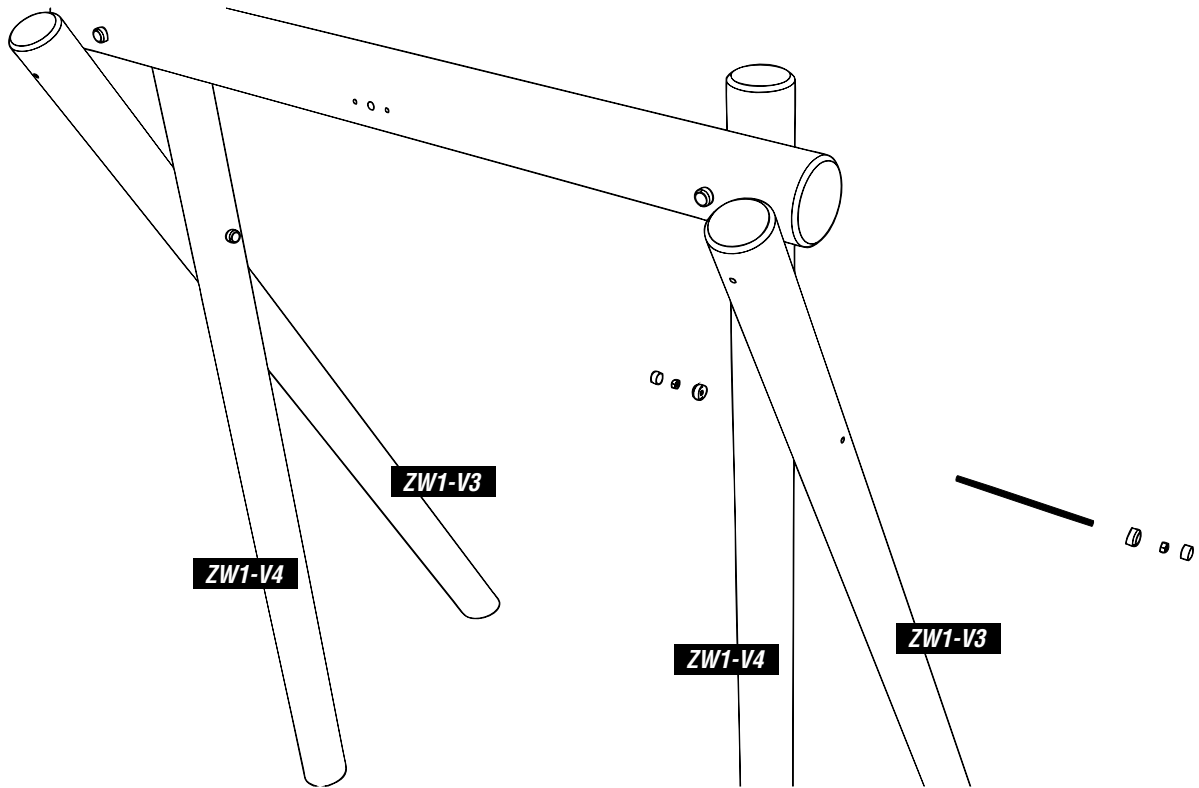


Installation Instructions

18

Attach the V3 timber to the V4 timbers

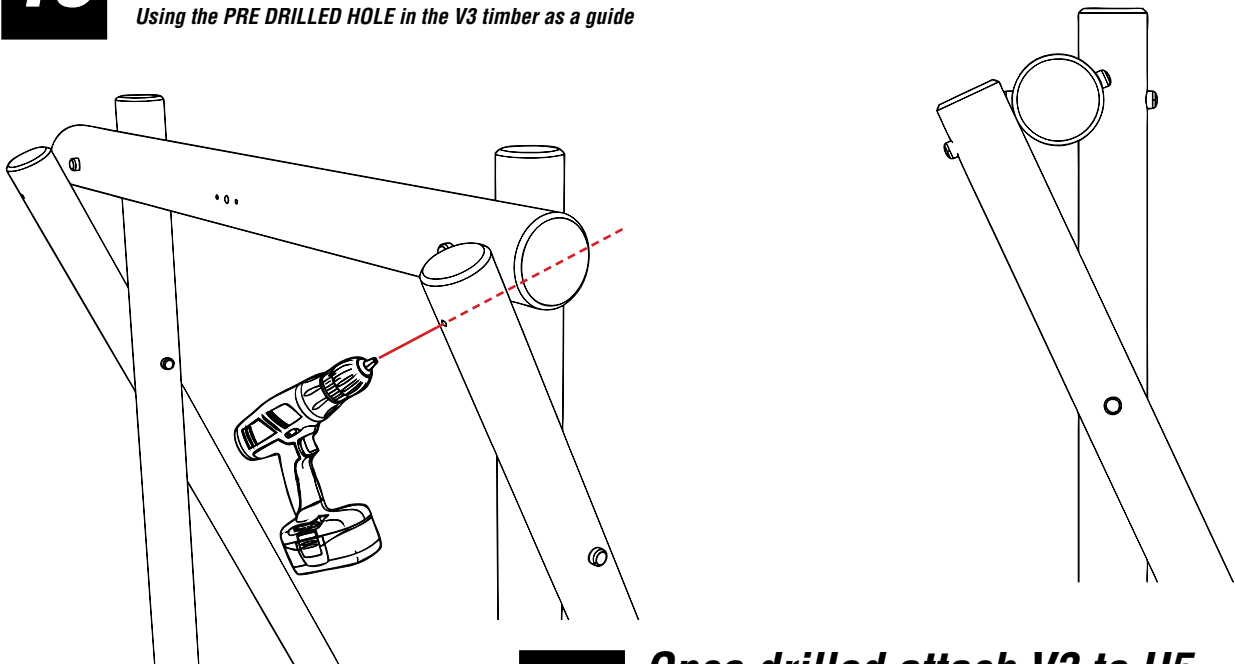
Using **THREAD BAR 340mm** NYLOCS / COVERED END R60



19

Drill the H5 timber

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



20

Once drilled attach V3 to H5

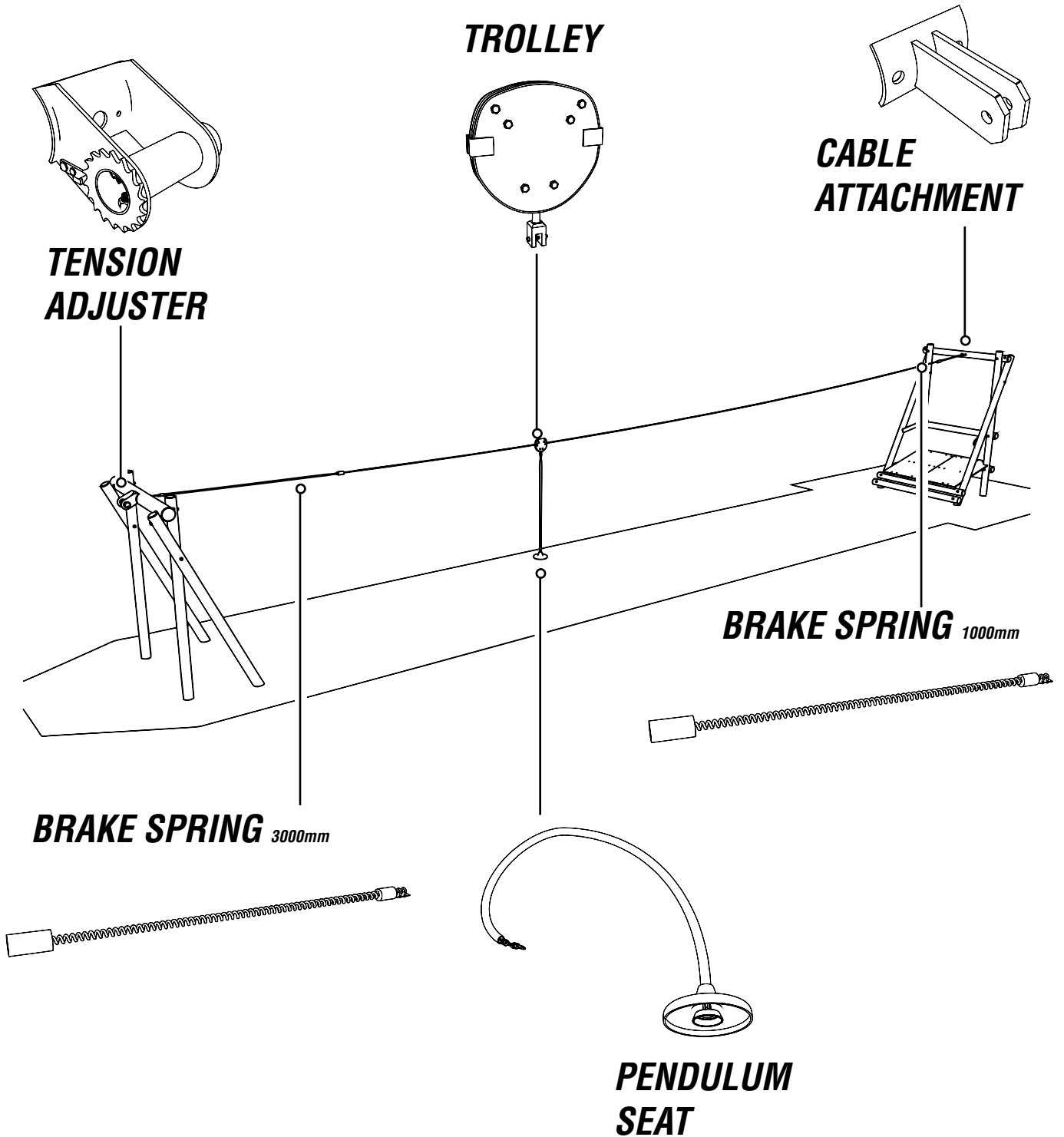
THREAD BAR 400mm NYLOCS / COVERED END R60

Installation Instructions

21

Attach the AERIAL RUNWAY COMPONENTS

Parts highlighted below

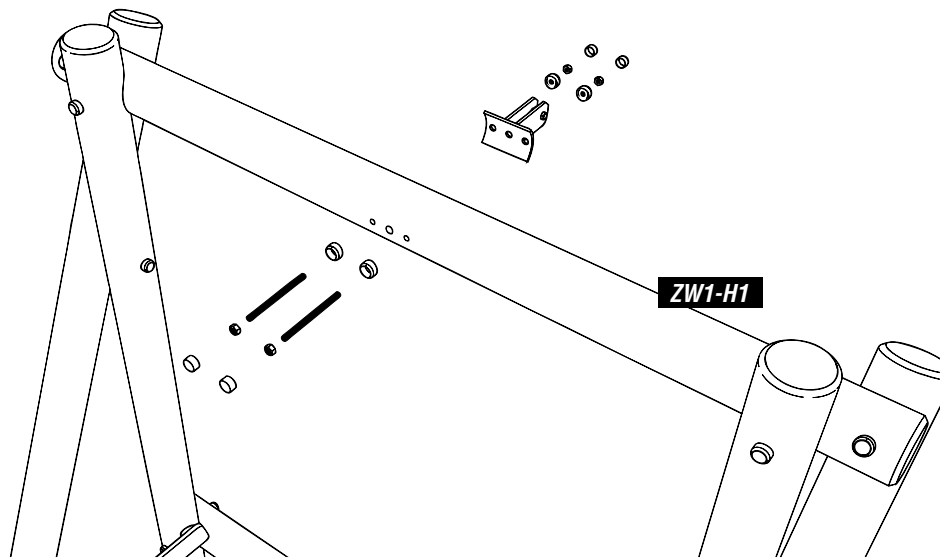
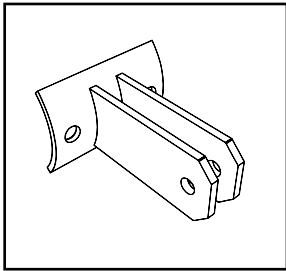


Installation Instructions

22

Attach the CABLE ATTACHMENT to the H1 timber

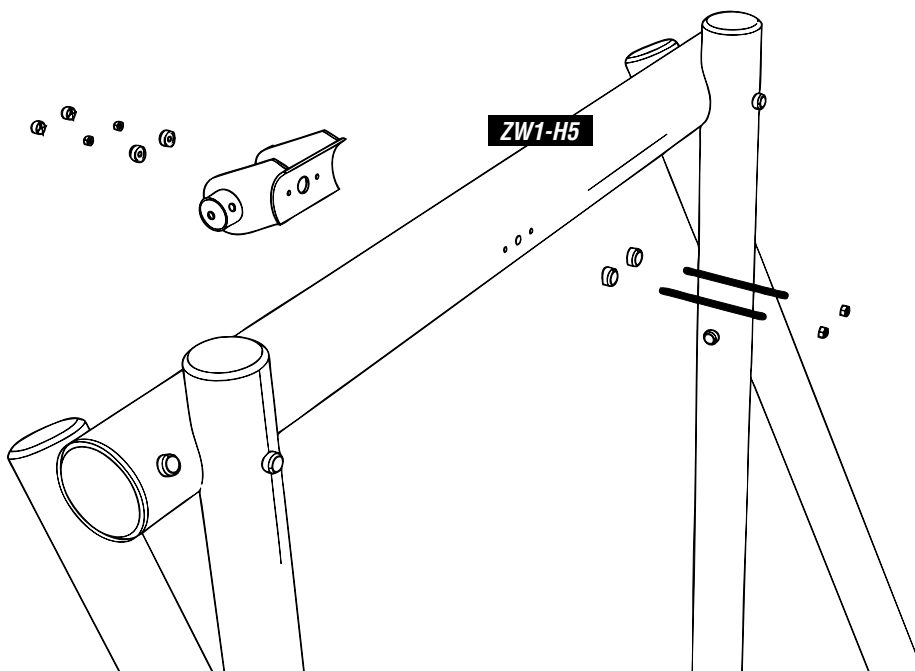
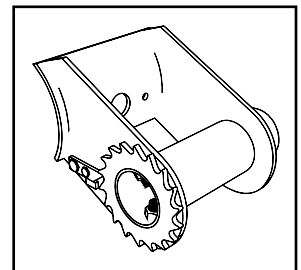
Using **THREAD BAR 195mm** NYLOGS / COVERED END R60



23

Attach the TENSION ADJUSTER to the H5 timber

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

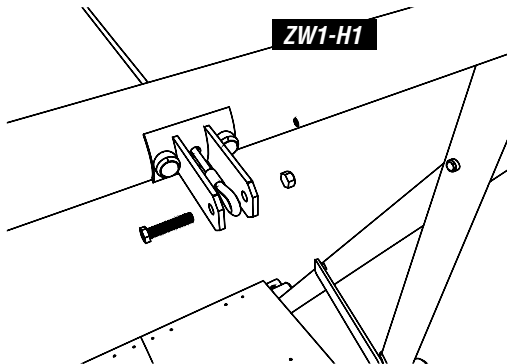


Installation Instructions

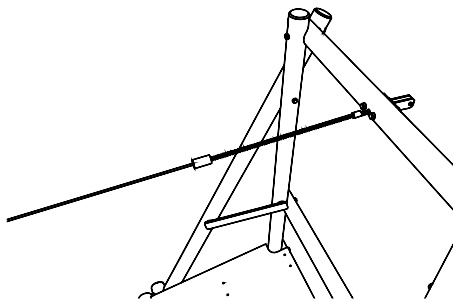
24

Attach the steel CABLE

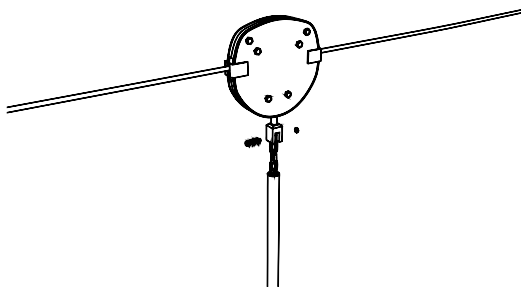
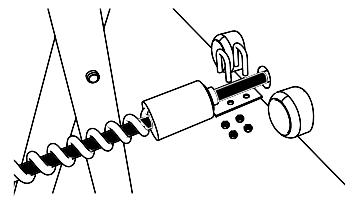
And the remaining parts / components



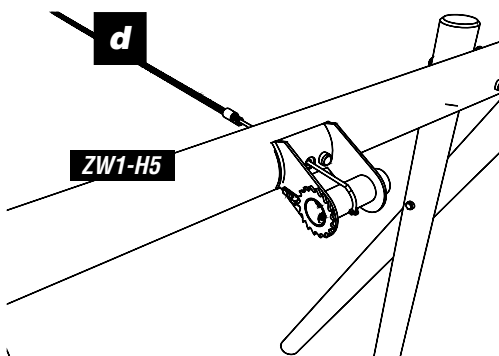
- a** ATTACH THE CABLE to the CABLE ATTACHMENT
One end of the cable has a 'THIMBLE' fitting Bolt as shown LEFT and feed the CABLE through the STEEL PLATE and hole in the H1 timber



- 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



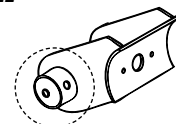
- c** Slide the cable through the TROLLEY and attach the pre assembled PENDULUM SEAT to the TROLLEY



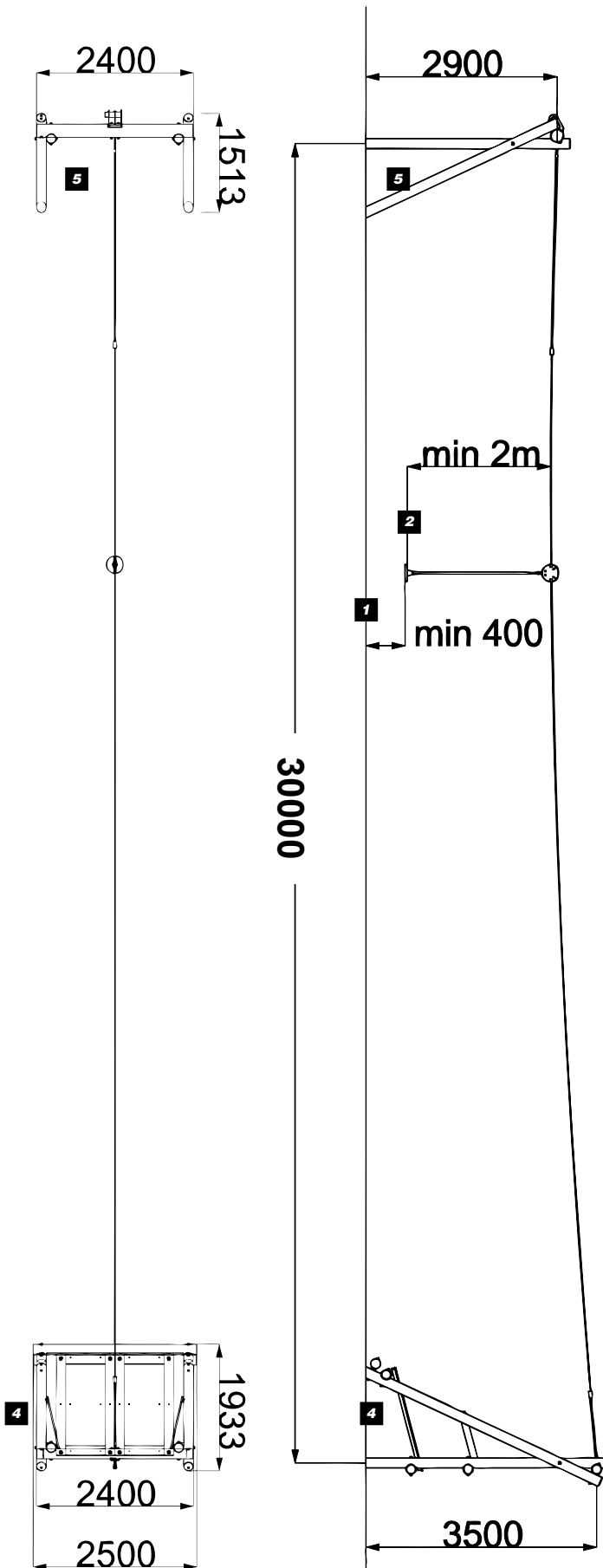
- d** Slide the cable through the 3m BRAKE SPRING (END SECTION of the AERIAL RUNWAY) again the brake spring will have 2 x fixing nuts (D-NUTS)

- 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:

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