



ACTION & IMAGINATION

PICK UP STICKS 'NINE'

PROD. CODE	PICUS9
SIZE	5.8m (L) x 5.7m (W) x 2.3m (H)
FFH	1.7m
AGE RANGE	5+ YEARS OLD

TECHNICAL DATA

MINIMUM SPACE REQUIRED	9.0m x 8.9m
SUPERVISED PLAY	RECOMMENDED
EQUIPMENT TYPE	HIGH LEVEL
LARGEST PART	3.5m x 0.125m (FRTB02006-011)
HEAVIEST PART	32kg (FRTB02006-011)

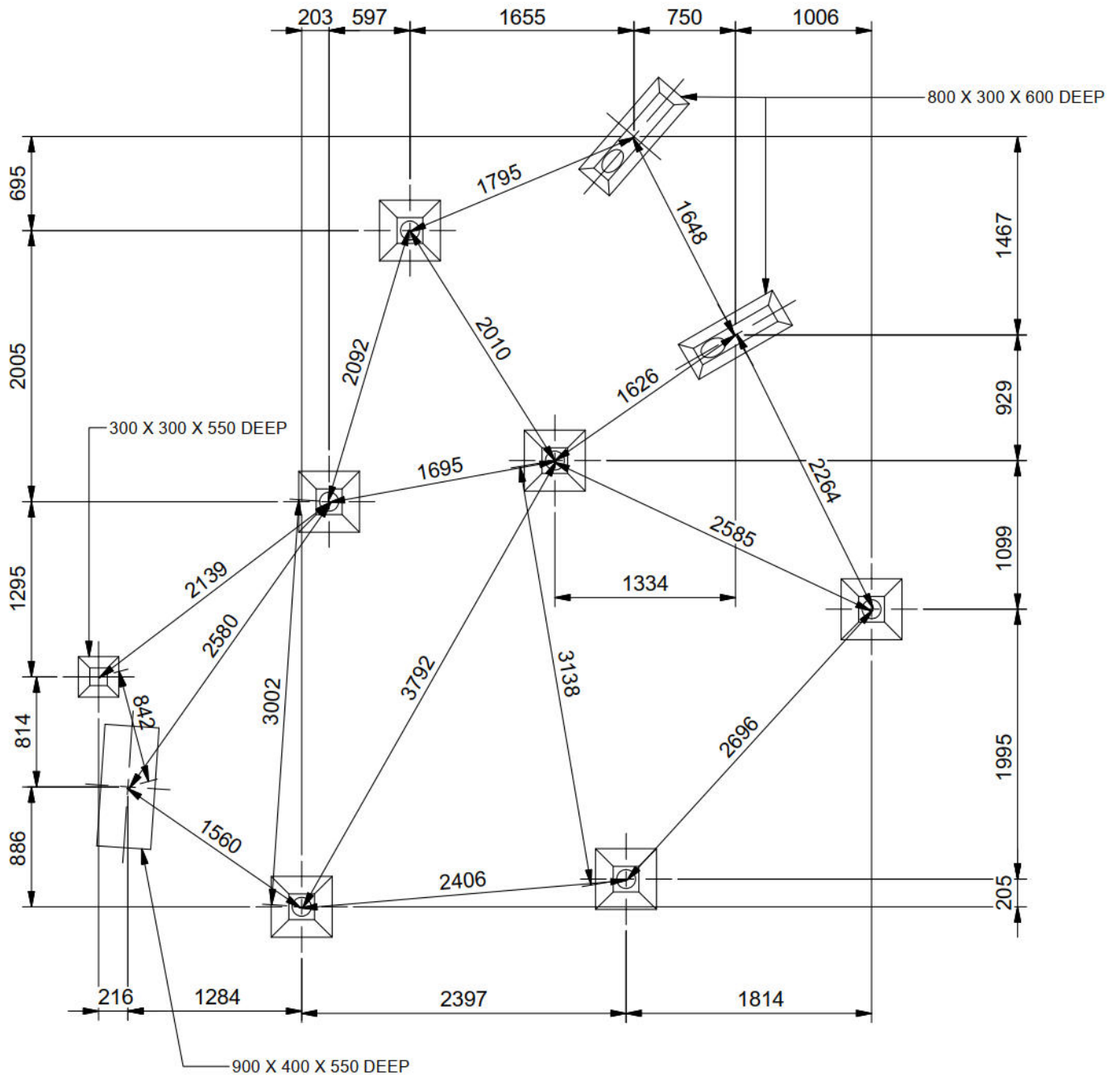
INSTALLATION DETAILS

1. READ INSTALLATION INSTRUCTIONS THOROUGHLY BEFORE COMMENCING INSTALLATION OF UNIT
2. EXCAVATE FOUNDATIONS USING THE DETAIL AS SHOWN ON PAGE 2 OF THIS DOCUMENT
3. ENSURE TO CHECK AND TIGHTEN ALL FIXINGS USING PROTECTIVE CAPS WHERE NECESSARY
4. BACKFILL FOUNDATIONS WITH 1.4 CUBIC M CONCRETE ALLOWING TO SET FOR 48 HOURS
5. REMOVE ALL ASSEMBLY AIDS BEFORE THE EQUIPMENT IS USED
6. ENSURE AN 'ID' PLATE HAS BEEN FIXED TO THE UNIT BEFORE LEAVING SITE

THIS PRODUCT CONFORMS WITH BS EN1176- 1 & 11 :2017

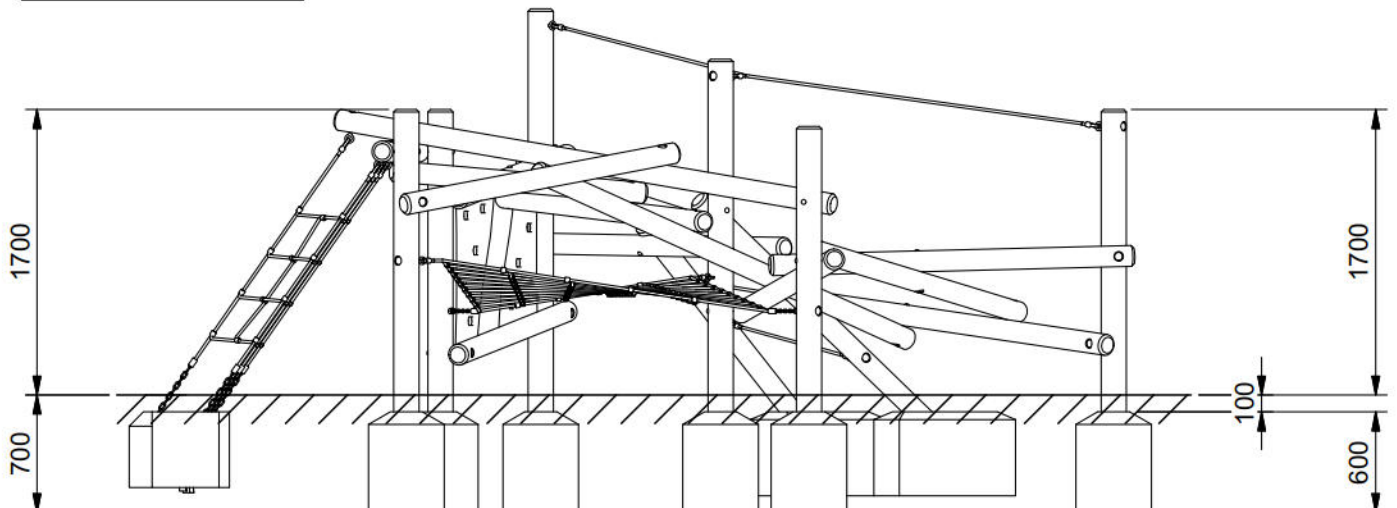


FOUNDATION LAYOUT

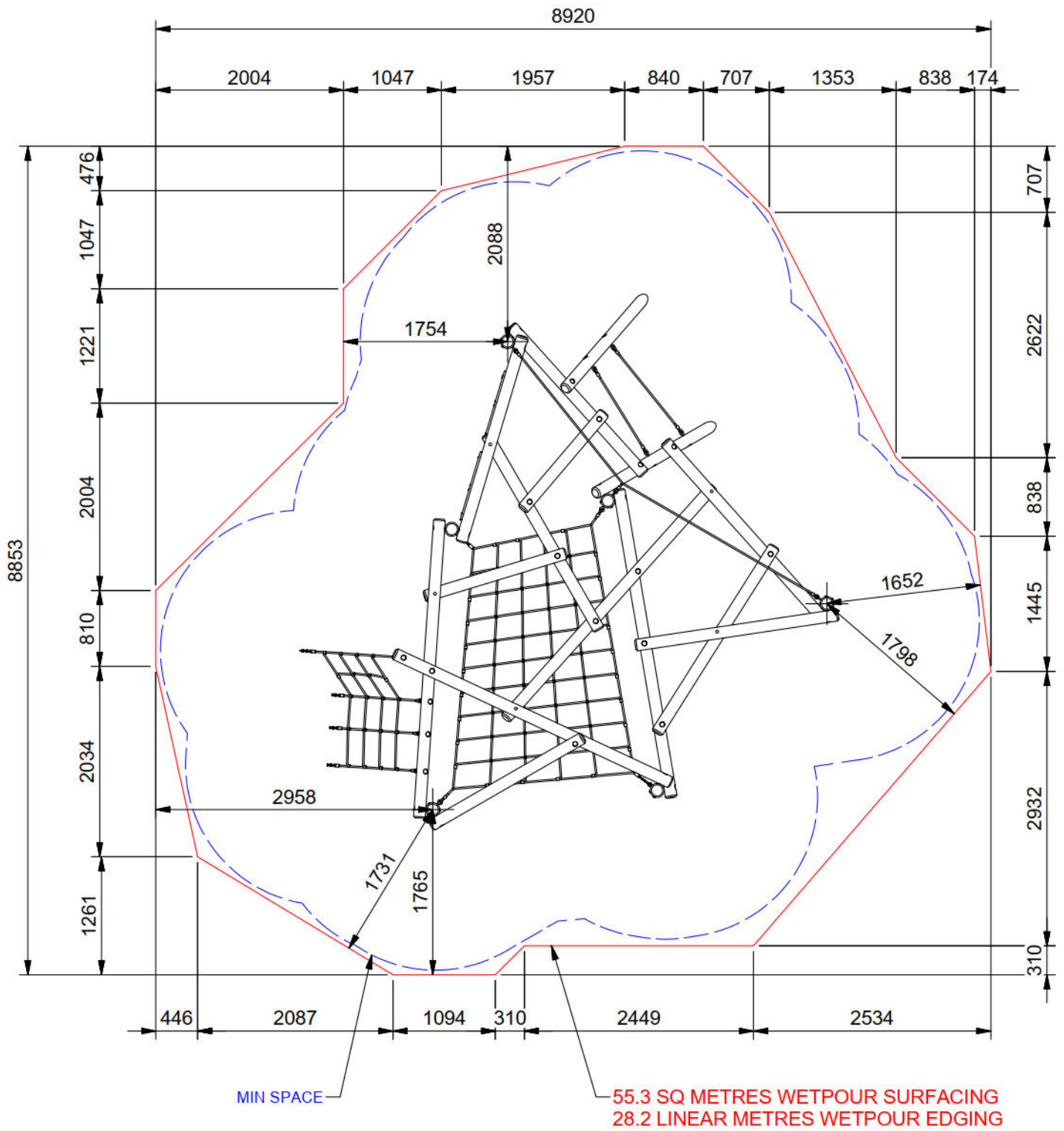


ALL FOUNDATIONS ARE 450 X 450 X 700 DEEP UNLESS OTHERWISE SPECIFIED

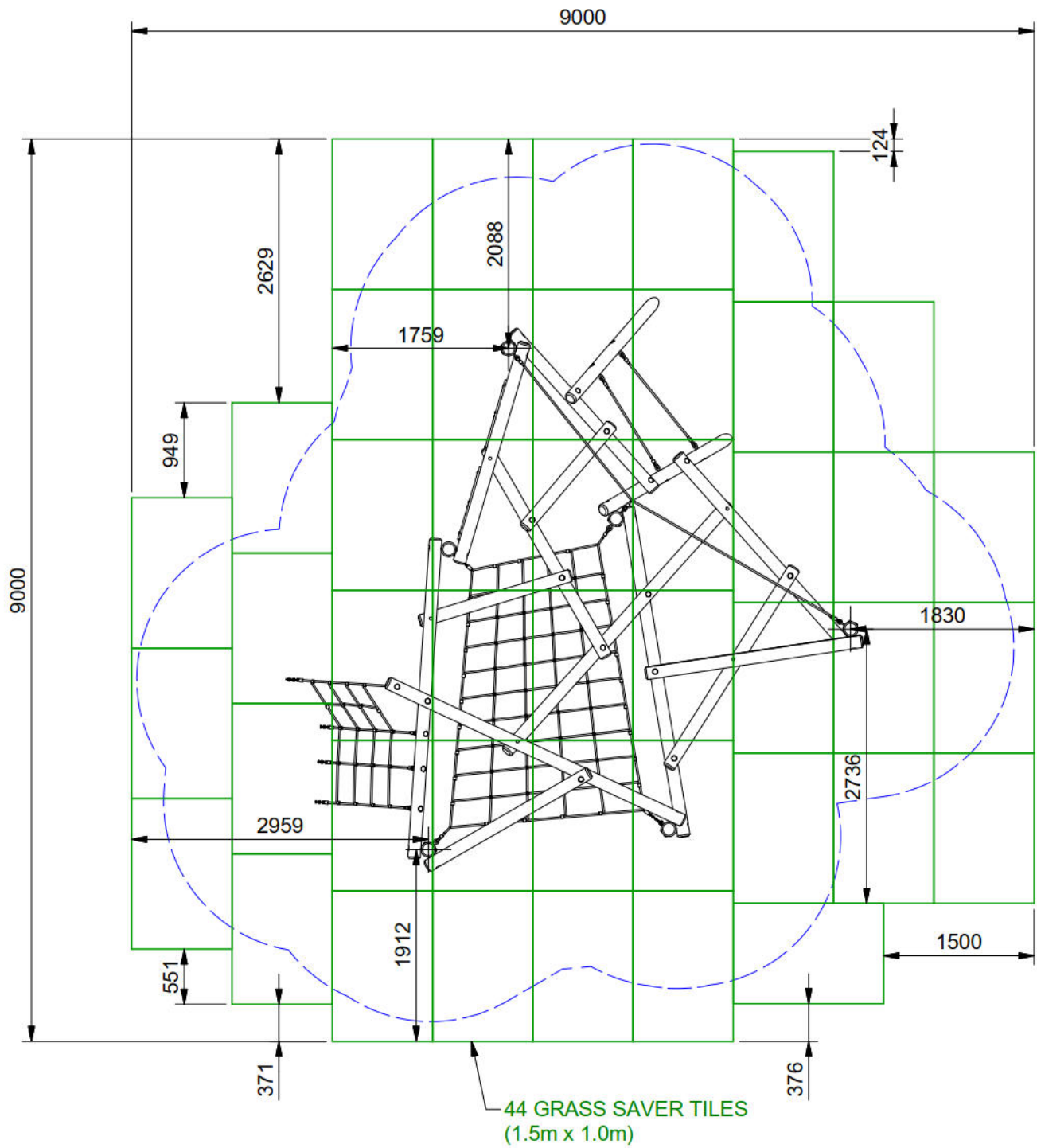
GENERAL ELEVATION

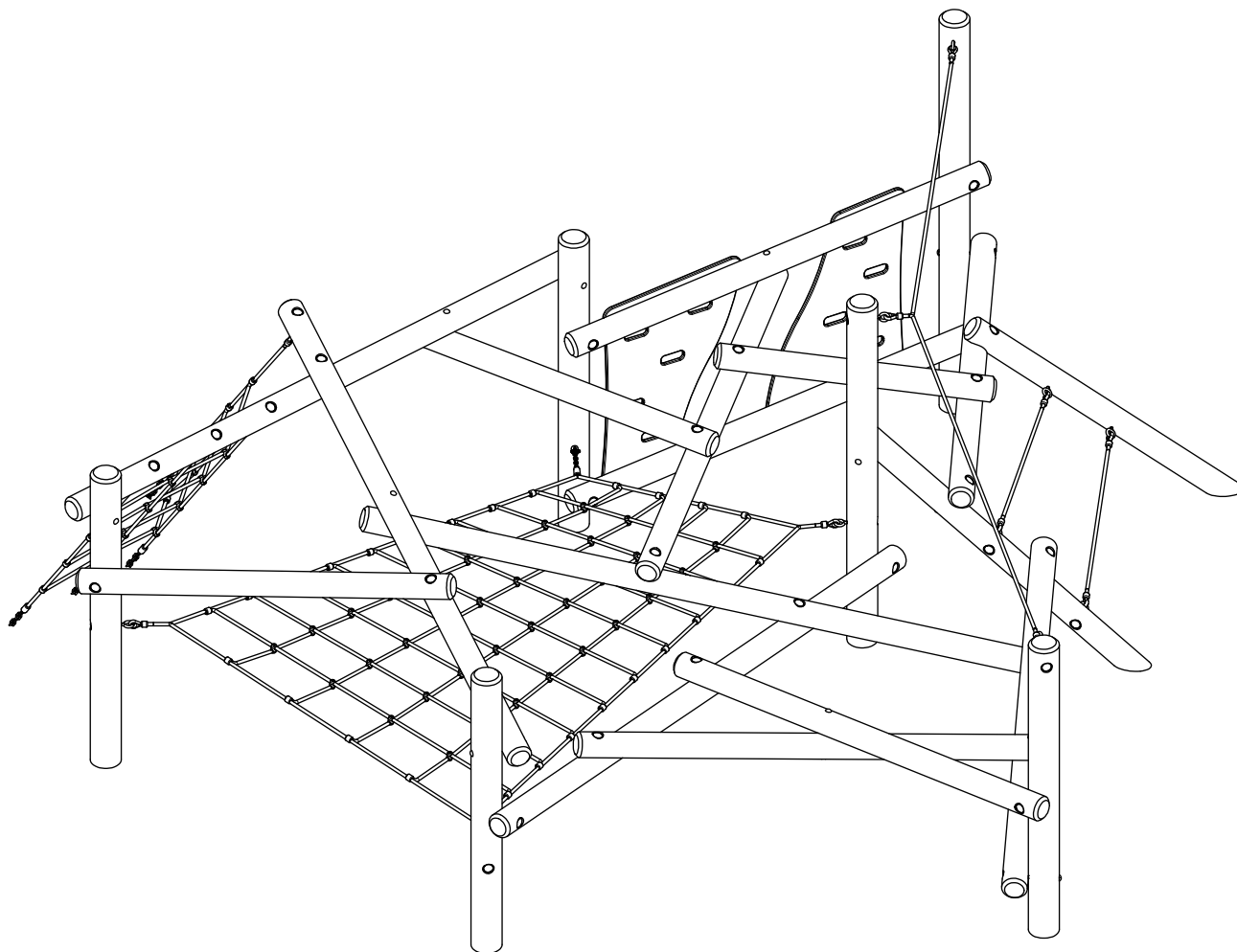


SURFACING LAYOUT



GRASS SAVER LAYOUT





Parts List

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	FRTB02006	PICK UP STICKS 'NINE' TIMBER SET
2	1	FRMS02007	PICK UP STICKS 'NINE' ROPE SET
3	1	FRPE02008	PICK UP STICKS 'NINE' PLASTIC SET
4	2	4201-573	CHAIN BOLT
7	2	2212-203	M10 SPRING WASHER
5	2	2176-152	M8 x 25 PENT BUTTON HEAD
6	2	2177-004	M8 SAFETY FASTENER
8	10	M8X80WHS	M8 x 80 WASHER HEAD SCREW
9	8	M12X180CS	M12 x 180 COACH SCREW
10	1	M12X200CB	M12 x 200 COACH BOLT
11	9	M12X240CB	M12 x 240 COACH BOLT
12	14	M12X260CB	M12 x 260 COACH BOLT
13	39	M12NYLOC	M12 NYLOC NUT
14	47	M12WASH	32MM 12G WASHER
15	47	PLC480DCAP_GREEN	GREEN POLY CAP 48
16	4	LUG300F	300MM FLAT GROUND LUG



Drawing Number:

PICUS9 - IN-AY

Code:

PICUS9

Issue:

A

B

C

Drawn By:

JG

Date:

25/11/19

Issue Date:

25/11/19

06/06/22

25/10/23

Sheet:

1 OF 8

3rd Angle
Projection

Sign:

JG

AV

JG

POST ASSEMBLY & INSTALLATION

Excavate the foundations as shown on the spec sheet. Start by propping the vertical posts '001' - '004' into the relevant foundation holes and make sure they are all plumb.

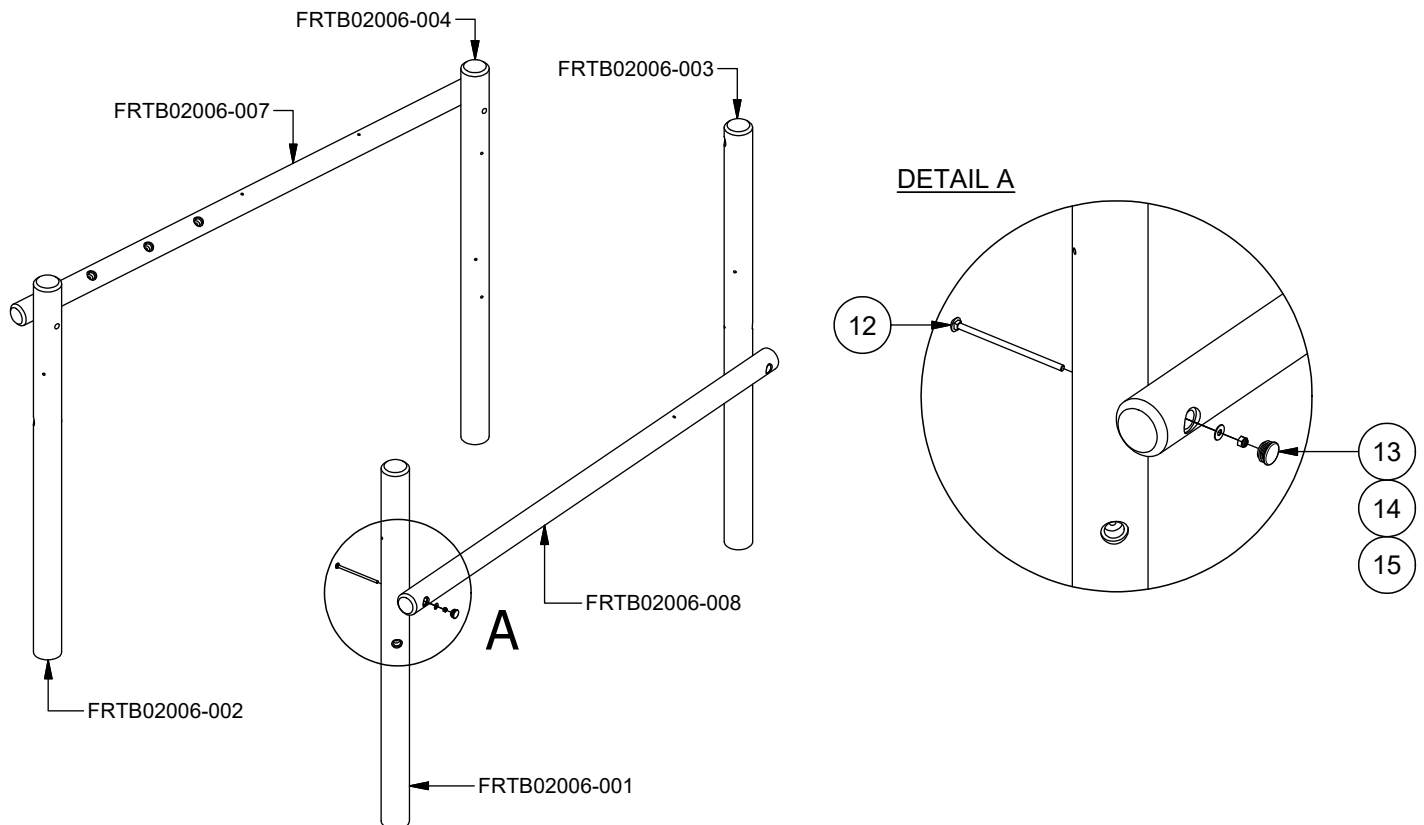
Starting by securing the post '008' to posts '001' and '003' by fixing in place with the supplied M12 x 260 coach bolt, M12 nyloc, M12 washer and cap, as shown in Detail A. **NOTE:** Ensure the one intermediate drill hole is closer to post '003'.

The next post '007' can now be positioned against the posts '002' and '004' and then fixed to the vertical posts by using the supplied M12 x 260 coach bolt, M12 nyloc, M12 washer and cap, as shown in Detail A. **NOTE:** Ensure the three counterbore holes are closer to post '002' and facing inwards towards post '008'.

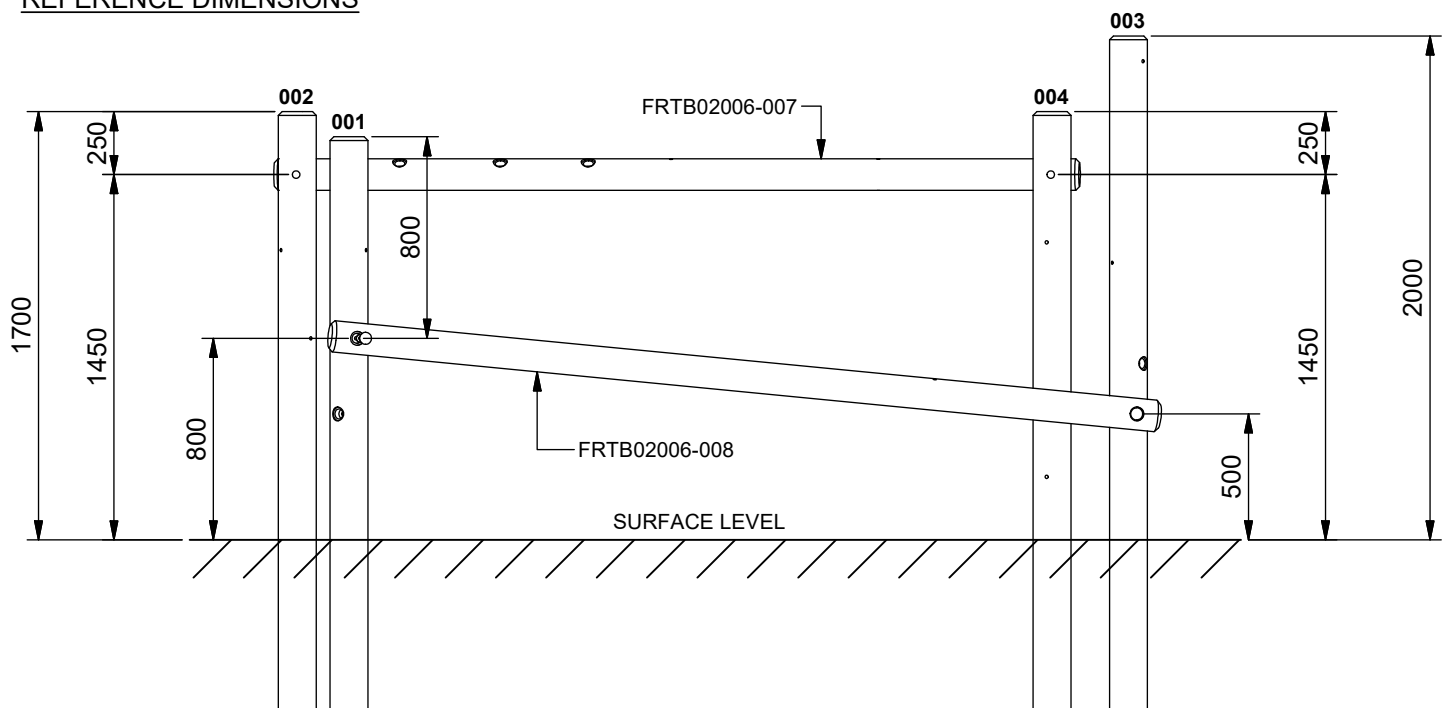
Pay attention to which side of the vertical posts the new timbers '007' and '008' are to be positioned.

NOTE: Use the height dimensions below as a guide to ensure you are using the correct pre-drilled holes.

NOTE: Position the large square net between the posts '001' - '004' to ensure it will fit correctly. Do not concrete the posts until the net has been correctly positioned and installed, ensuring it is taut.



REFERENCE DIMENSIONS



CLIMBING POSTS INSTALLATION

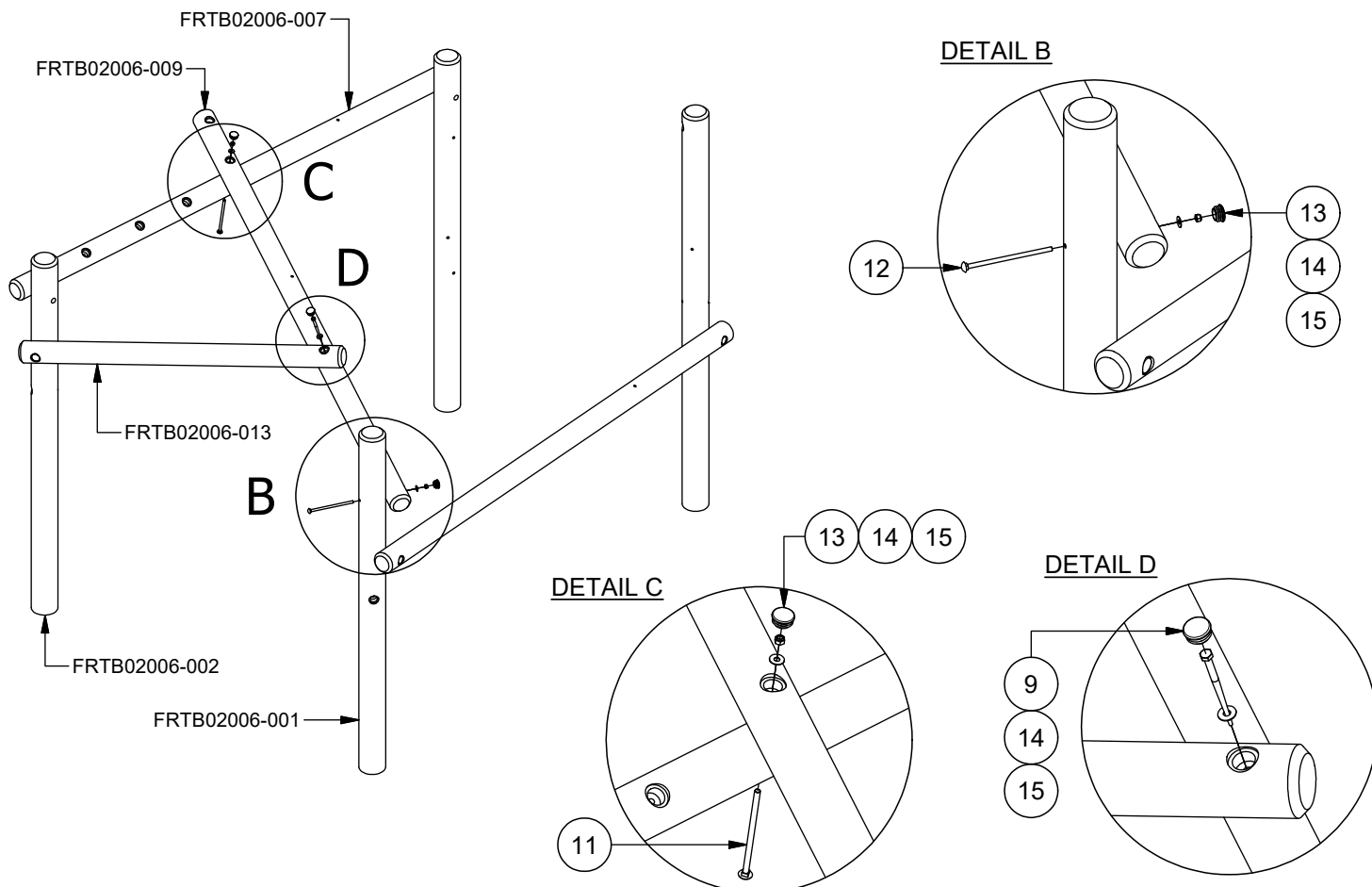
With the two frameworks propped in place, position the post '009' against the inside of post '001' and line up the end with one counterbore hole with the top hole on post '001', as shown below. Fix into place using the supplied M12 x 260 coach bolt, M12 nyloc, M12 washer and cap, as shown in Detail B. Rotate the post '009' so it sits on the post '007'. The second counterbore hole on post '009' should line up with the pre-drilled hole in post '007' next to the three counterbore holes. The post '009' can then be fixed in place using the supplied M12 x 240 coach bolt, M12 nyloc, M12 washer and cap, as shown in Detail C.

Using the dimensions below, position the post '013' against post '002' and fix into place using the supplied M12 x 260 coach bolt, M12 nyloc, M12 washer and cap, as shown in Detail B. Rotate the other end of the post so it sits on top on post '009' and mark the position of the counterbore hole on post '013'.

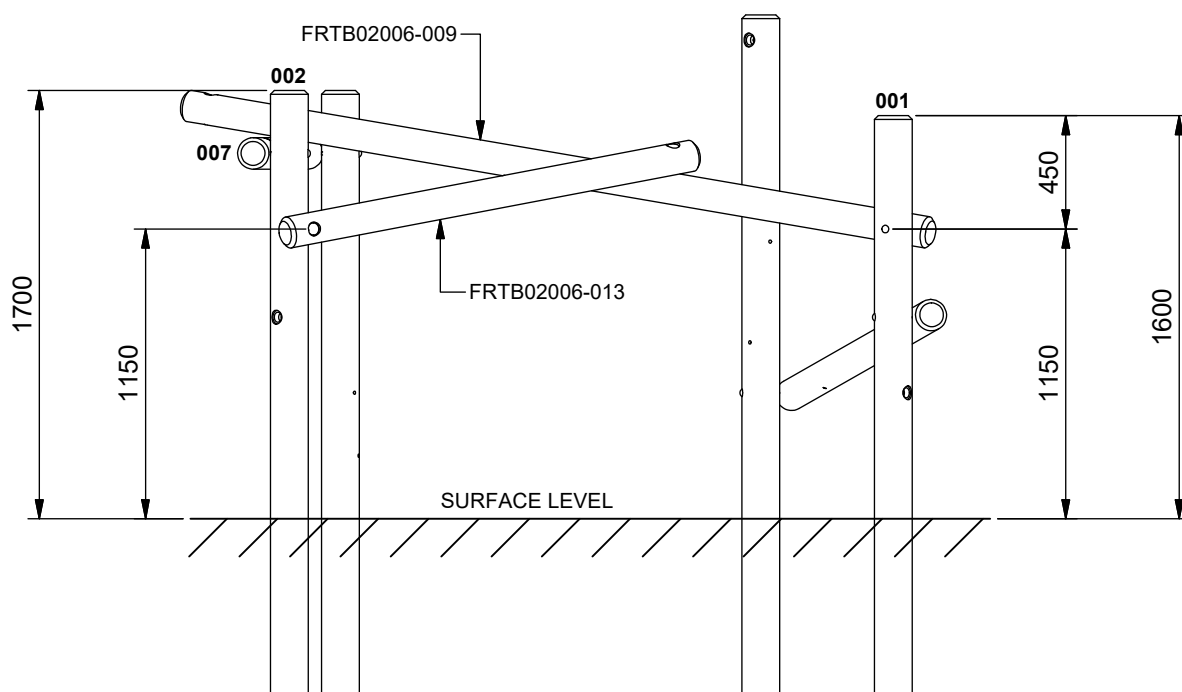
NOTE: This should be approx 1140mm from the end of post '009' fixed to post '001'.

Move the post '013' off post '009' and drill a pilot hole on the marked spot ready to receive the coach screw. With the post '013' back in position, fix the post to post '009' using the supplied M12 x 180 coach screw, M12 washer and cap, as shown in Detail D.

NOTE: Use the height dimensions below as a guide to ensure you are using the correct pre-drilled holes.



REFERENCE DIMENSIONS



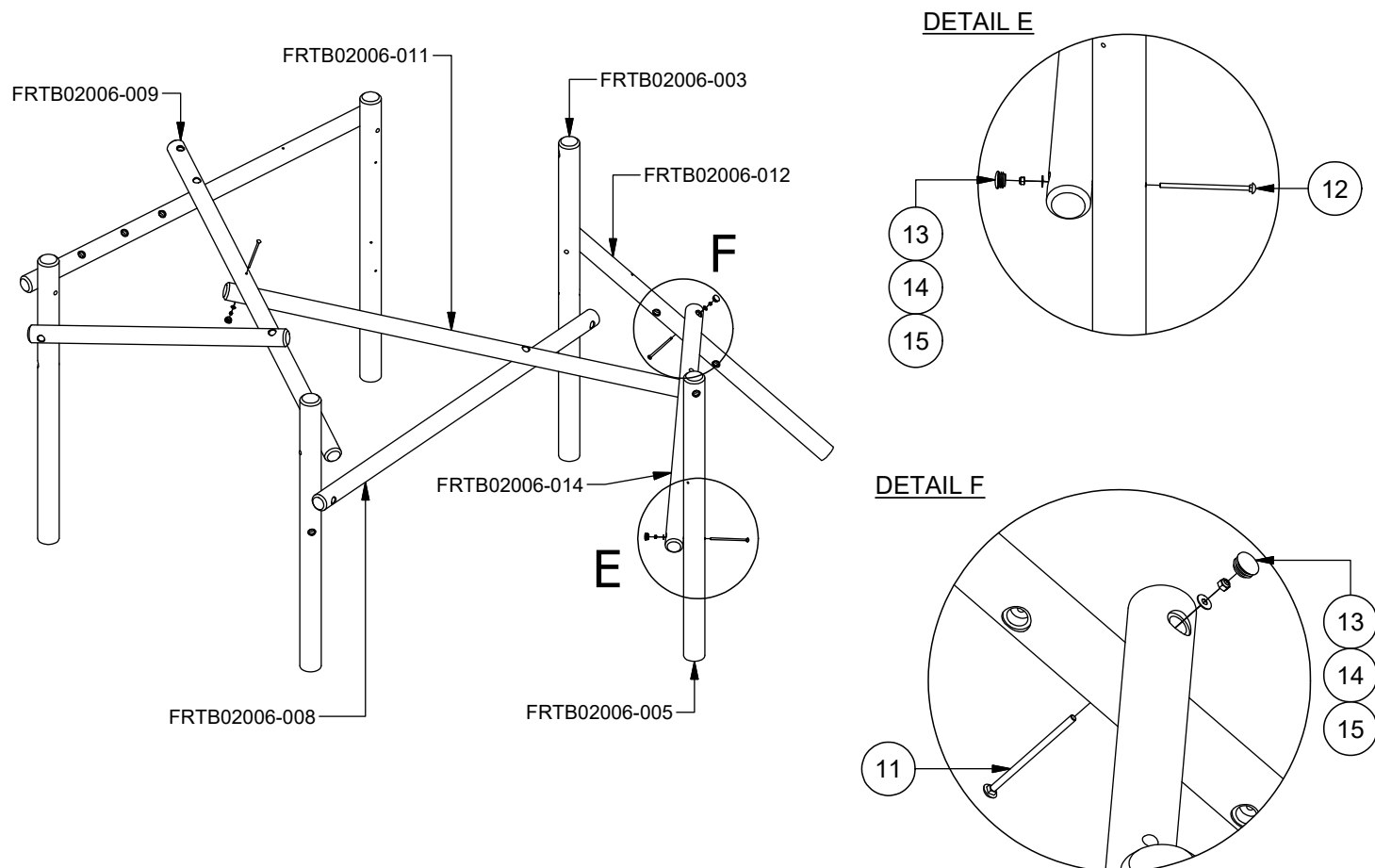
CLIMBING POSTS INSTALLATION

Using the dimensions below, position the post '012' against the outside of post '003' and line up the counterbore hole on the chamfered end with the pre-drilled hole on post '003', as shown below. Fix into place using the supplied M12 x 260 coach bolt, M12 nyloc, M12 washer and cap, as shown in Detail E. Rotate the other end of the timber and place into the foundation hole.

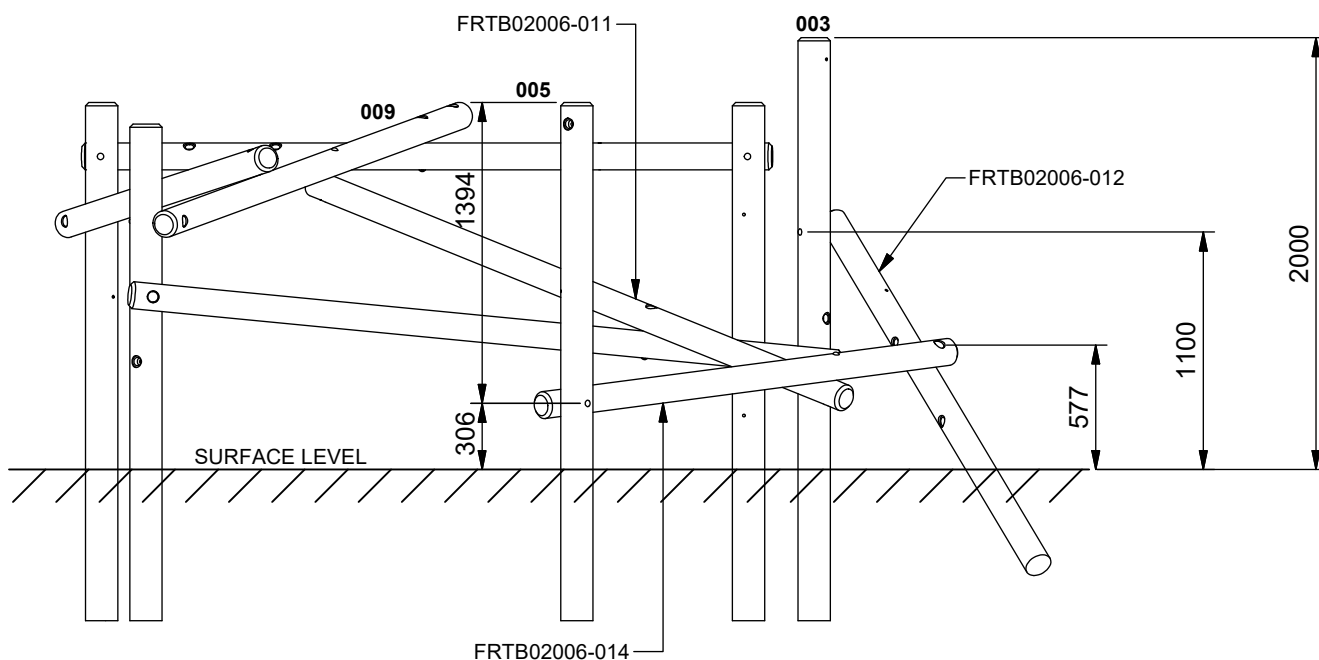
Prop the vertical post '005' into the relevant foundation hole and make sure it is plumb. Using the dimensions below, position the post '014' against post '005' and fix into place using the supplied M12 x 260 coach bolt, M12 nyloc, M12 washer and cap, as shown in Detail E. Rotate the post '005' so it sits on top of post '012' and should now line up with the pre-drilled hole in between the counterbore holes. Once the holes are aligned, fix in place using the supplied M12 x 240 coach bolt, M12 nyloc, M12 washer and cap, as shown in Detail F.

Next, position the post '011' underneath post '009' and line up the pre-drilled holes. Fix the posts together using the supplied M12 x 240 coach bolt, M12 nyloc, M12 washer and cap, as shown in Detail F. Rotate the timber so it then sits on top of post '008' but underneath the post '014'. This should enable the pre-drilled holes in posts '008' and '014' to line up with the pre-drilled holes in post '011' and the posts can all be fixed together using the supplied M12 x 240 coach bolt, M12 nyloc, M12 washer and cap, as shown in Detail F.

NOTE: Use the height dimensions below as a guide to ensure you are using the correct pre-drilled holes.



REFERENCE DIMENSIONS



CLIMBING POSTS INSTALLATION

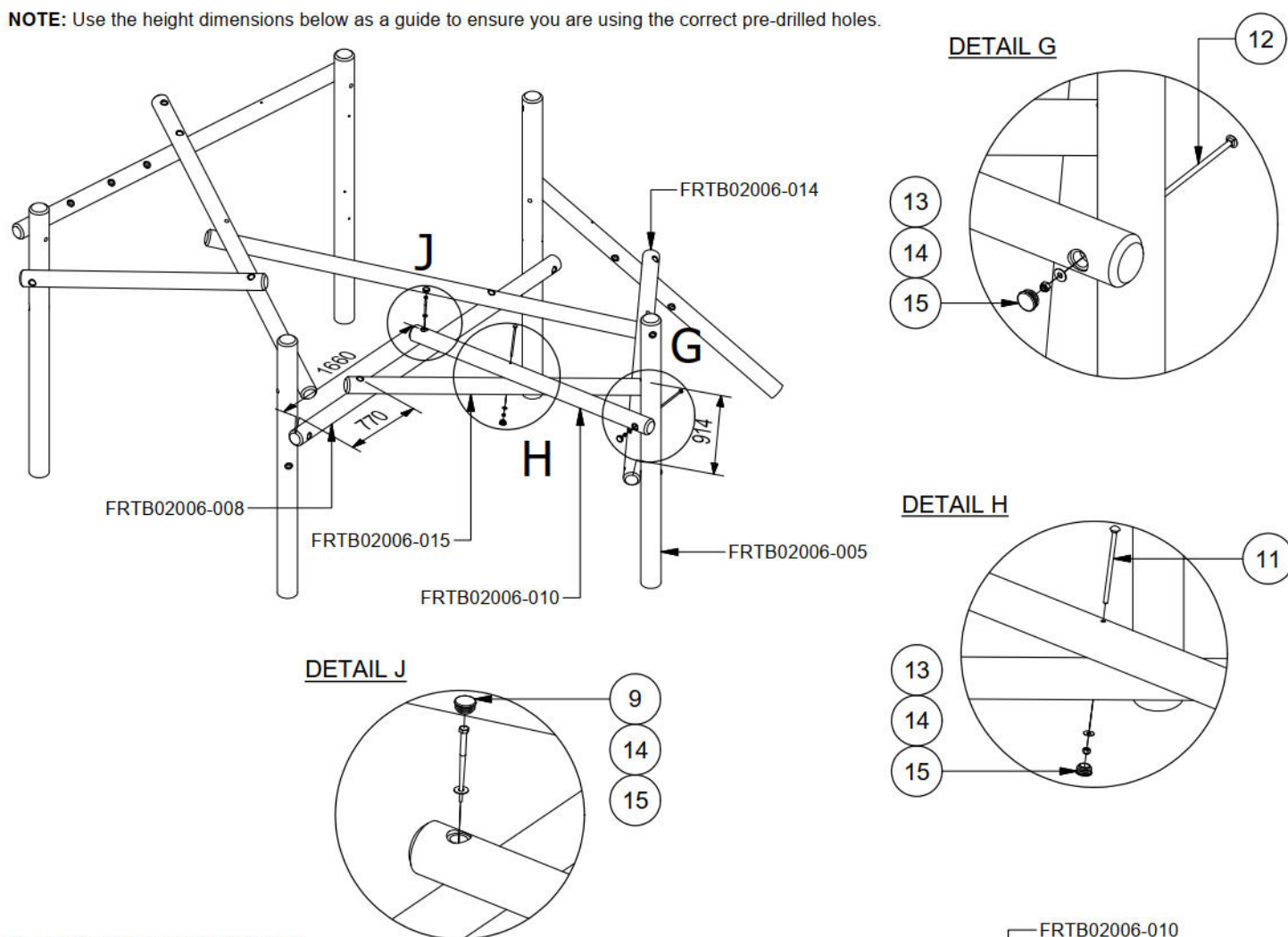
Using the dimensions below, position the post '010' against the outside of post '005' and line up one of the counterbore hole with the pre-drilled hole on post '005', as shown below. **NOTE:** The intermediate drill hole in the post '010' should be closer to post '008' than post '005'. Fix into place using the supplied M12 x 260 coach bolt, M12 nyloc, M12 washer and cap, as shown in Detail G.

Rotate the other end of the post '010' so it sits on top of post '008' and is positioned approx. 1660mm from the end of post '008'. Mark the position of the counterbore hole, remove the post '010' off post '008' and drill a pilot hole on the marked spot ready to receive the coach screw. With the post '010' back in position, fix the post to post '008' using the supplied M12 x 180 coach screw, M12 washer and cap, as shown in Detail J.

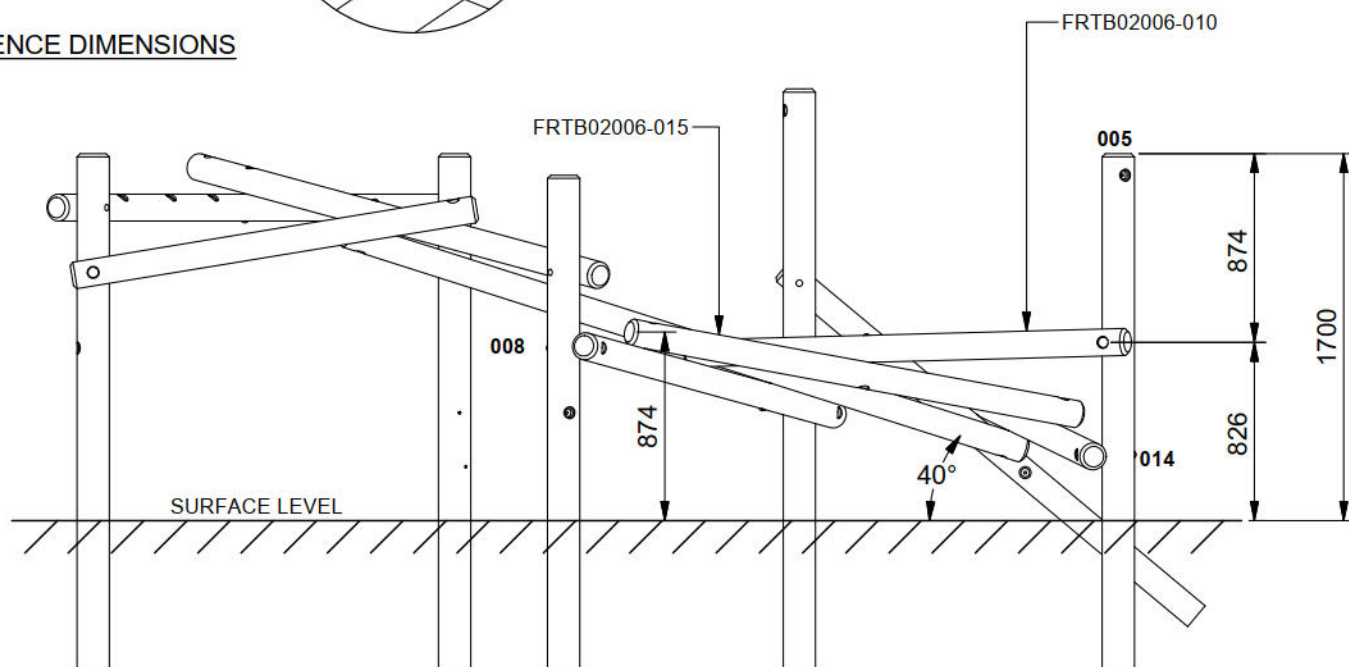
Place the post '015' on top of the post '008' and position the counterbore hole approx. 770mm from the end of post '008'. Place the other end of post '015' on top of post '014' and position the other counterbore hole approx. 914mm from the end of post '014'. **NOTE:** Ensure the post '015' is underneath the post '010'.

The pre-drilled holes in the two posts '010' and '015' should then line up and are to be fixed in place using the supplied M12 x 240 coach bolt, M12 nyloc, M12 washer and cap, as shown in Detail H. The two end counterbore holes can then be fixed in place using the supplied M12 x 180 coach screw, M12 washer and cap, as shown in Detail J. Ensure a pilot hole is drilled before fixing the coach screws.

NOTE: Use the height dimensions below as a guide to ensure you are using the correct pre-drilled holes.



REFERENCE DIMENSIONS

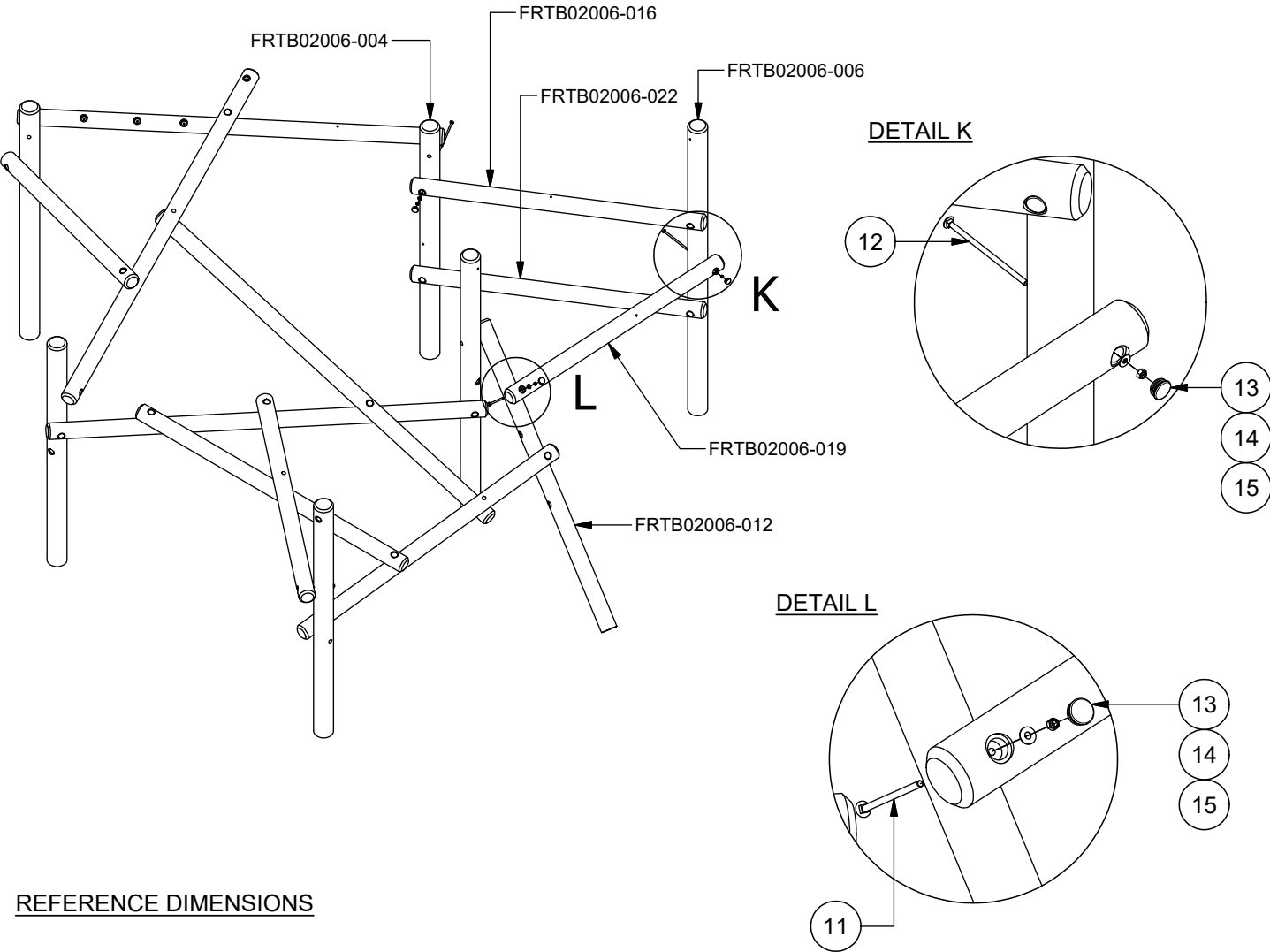


CLIMBING POSTS INSTALLATION

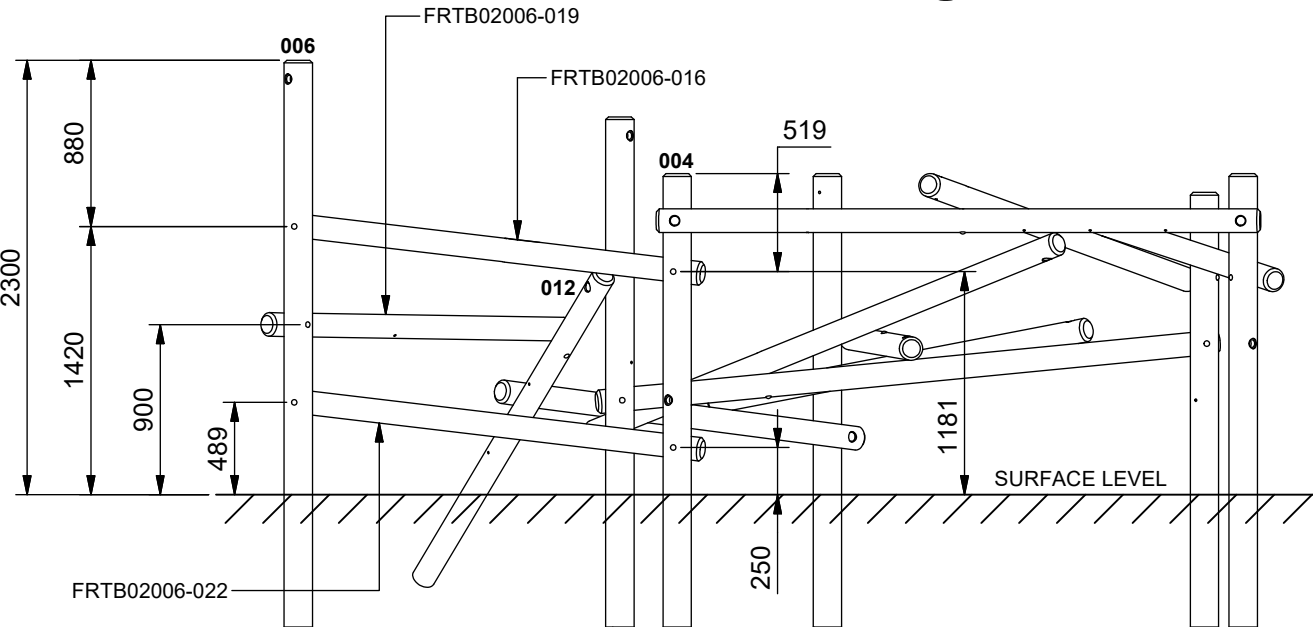
Prop the vertical post '006' into the relevant foundation hole and make sure it is plumb. Using the dimensions below, position the posts '016' and '022' against the inside of post '004' and '006' and line up the posts so they align with the pre-drilled holes in the vertical posts, as shown below. Fix both posts against the vertical posts using the supplied M12 x 260 coach bolt, M12 nyloc, M12 washer and cap, as shown in Detail K.

Using the dimensions below, place the post '019' against the post '006' so it is positioned between the posts '016' and '022' which have just been installed. Once in position, fix the post against the vertical post using the supplied M12 x 260 coach bolt, M12 nyloc, M12 washer and cap, as shown in Detail K. Rotate the other end of the timber so it sits on top of post '012'. This should align with the pre-drilled hole at the top of post '012'. Once in position, fix the post against the angled post using the supplied M12 x 240 coach bolt, M12 nyloc, M12 washer and cap, as shown in Detail L. **NOTE:** Ensure the intermediate hole in post '019' is closer to post '006' and is aligned as shown below.

NOTE: Use the height dimensions below as a guide to ensure you are using the correct pre-drilled holes.



REFERENCE DIMENSIONS



CLIMBING POSTS INSTALLATION

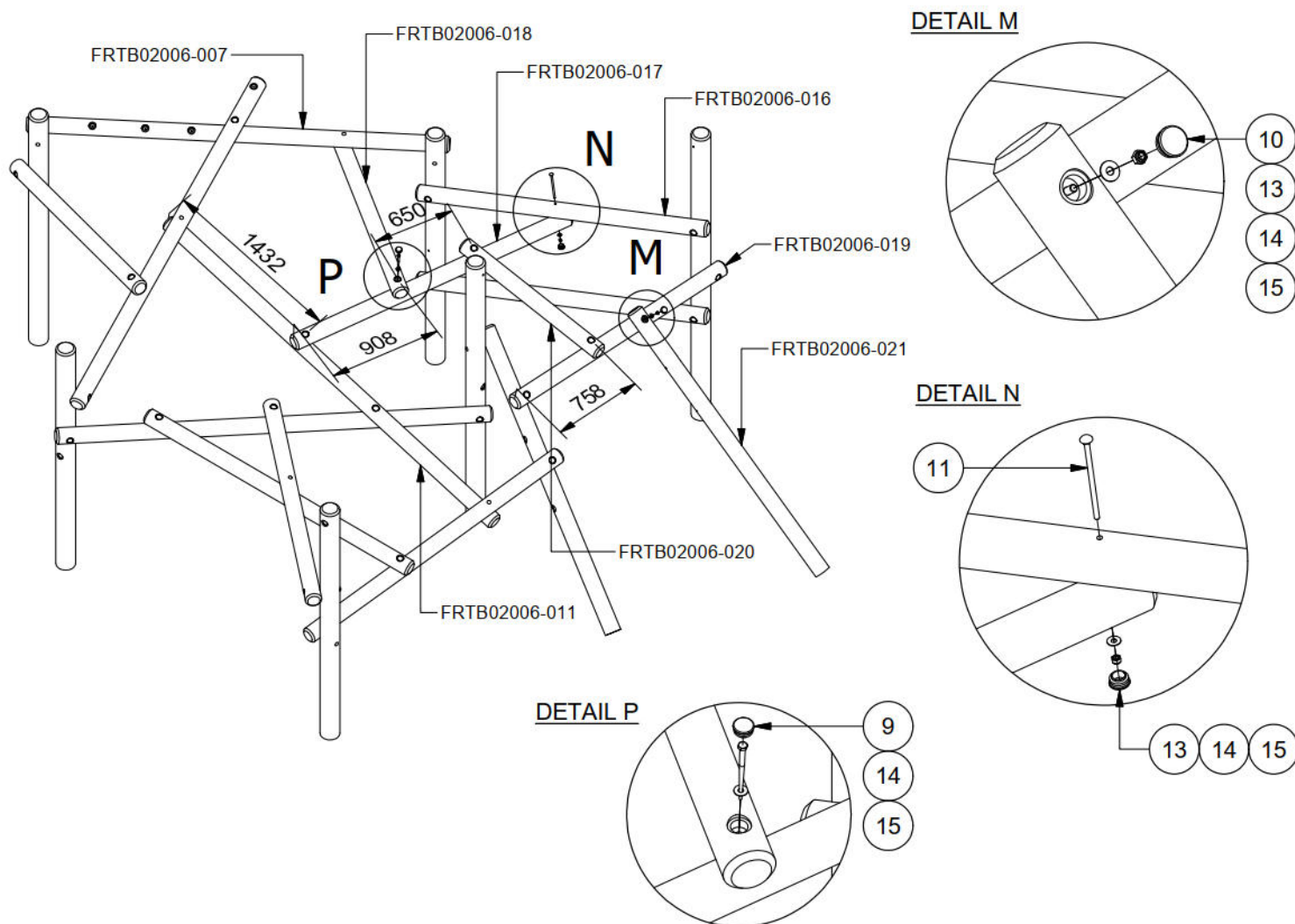
Position the post '021' against the outside of post '019' and line up the counterbore hole with the last remaining hole in post '019'. Fix the two posts together using the supplied M12 x 200 coach bolt, M12 nyloc, M12 washer and cap, as shown in Detail M. Rotate the post and place the non-chamfered end in the foundation hole.

Place the post '017' underneath the post '016' and line up one of the counterbore holes with the intermediate drill hole in post '016'. Fix the two posts together using the supplied M12 x 240 coach bolt, M12 nyloc, M12 washer and cap, as shown in Detail N. Rotate the post '017' so it sits on the post '011' and is approx. 1432mm from the end of the timber, as shown below. Mark the position of the counterbore hole, remove the post '017' off post '011' and drill a pilot hole on the marked spot ready to receive the coach screw. With the post '017' back in position, fix the two posts together using the supplied M12 x 180 coach screw, M12 washer and cap, as shown in Detail P.

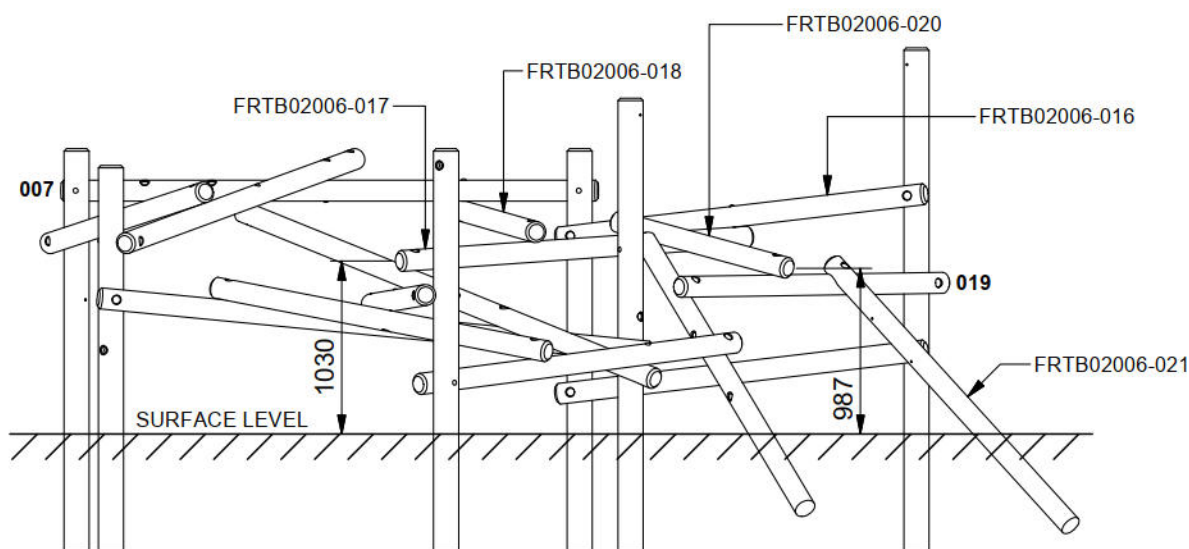
Repeat the same process, as explained above, with the post '018' so it is fixed to the post '007' with the M12 x 240 coach bolt and the other end is fixed to post '017' with the M12 x 180 coach screw. Ensure the post is positioned so it is approx. 908mm from the end of post '017', as shown below.

With the post '020', position this on top of posts '017' and '019' and position it so it matches the dimensions shown below. Fix both ends of the post '020' to the other timbers using the supplied M12 x 180 coach screw, as shown in Detail P. Ensure a pilot hole is drilled before fixing the coach screws.

NOTE: Use the height dimensions below as a guide to ensure you are using the correct pre-drilled holes.



REFERENCE DIMENSIONS



CLIMBING WALL & ROPE INSTALLATION

With all the timbers installed, the ropes can now be added to finish off the unit. Starting with the square rope section (FRMS02007-001), insert the chain bolts in timbers '001' and '004' and secure using the supplied M12 nyloc, M12 washer and cap, as shown in Detail T. The rope FRMS02007-001 has two eyebolts and two chain tails. Ensuring the orientation is correct, insert the eyebolts into timbers '002' and '003' and fix loosely in place using the supplied M12 nyloc, M12 washer and cap, as shown in Detail R. Connect the remaining chain tails to the chain bolts using the supplied M8 x 25 button head, M8 safety fastener and spring washer, as shown in Detail T. Tighten the fixings for all connections, ensuring the rope is tight.

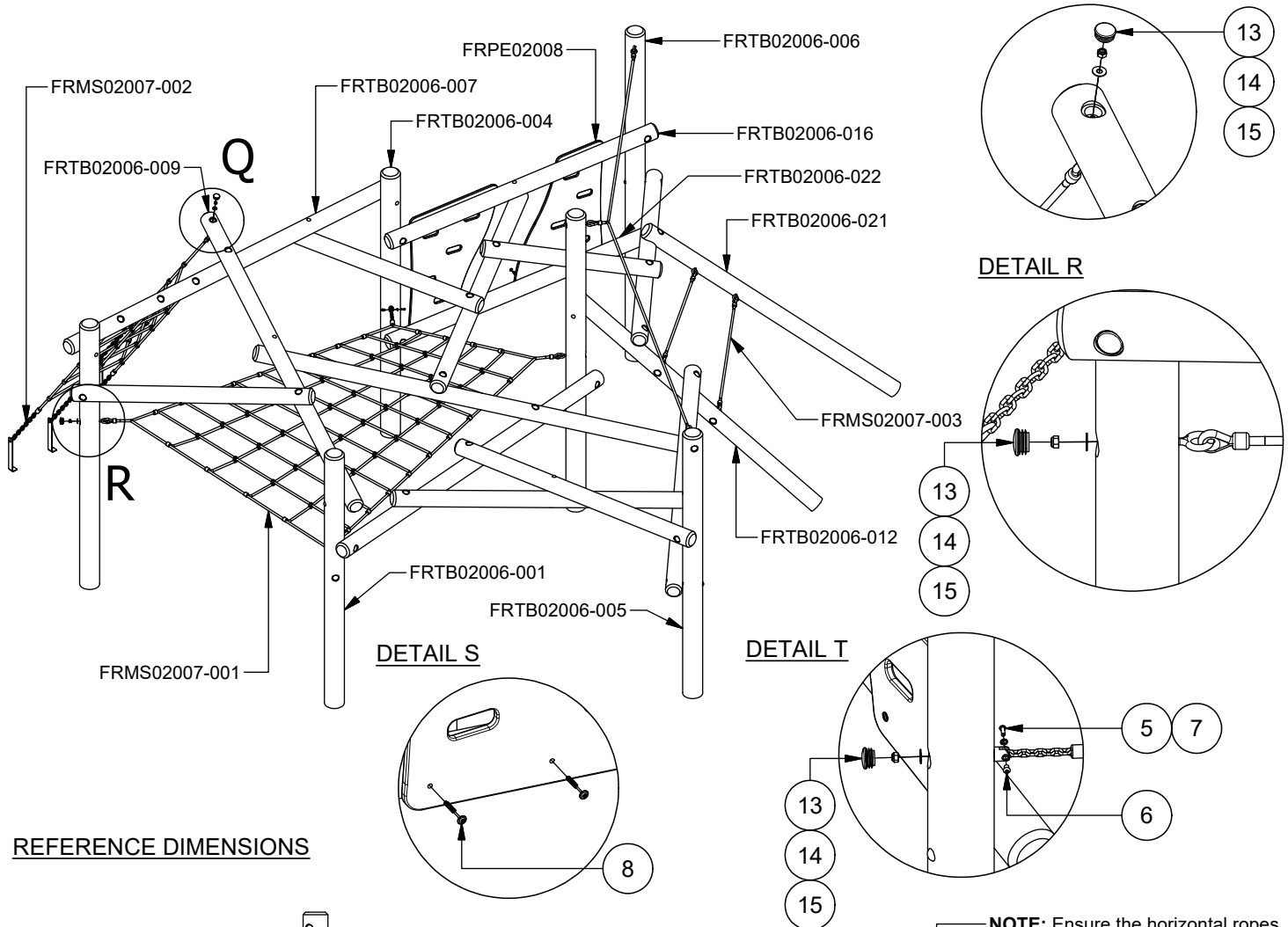
Next, position the scramble net (FRMS02007-002) so the three tails on the right are inserted into the 3No. holes in post '007' and the last hole in post '009' and these can be secured into position using the supplied M12 nyloc, M12 washer and cap, as shown in Detail Q.

With the last remaining counterbore holes in the vertical posts '003', '005' and '006', as well as the counterbore holes in posts '012' and '021', secure the ropes FRMS02007-003 and 004 in position, as shown below, using the supplied M12 nyloc, M12 washer and cap, as shown in Detail Q.

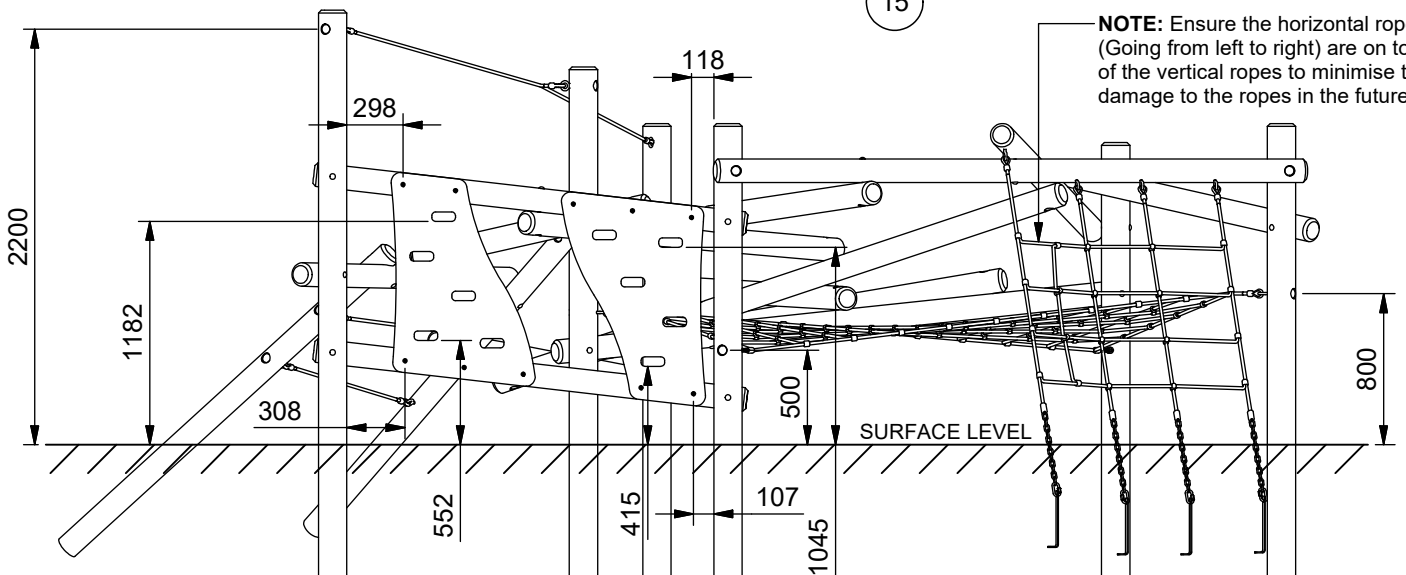
With the two plastic climbing wall panels, position these against the outside of posts '016' and '022' using the dimensions below and fix in position using the M8 x 80 washer head screw, as shown in Detail S.

NOTE: Ensure all ropes are tight and there is no slack. If there is any slack, you may need to remove chains to make sure the ropes have the correct tension.

NOTE: Use the height dimensions below as a guide to ensure you are using the correct pre-drilled holes.



REFERENCE DIMENSIONS



NOTE: Ensure the horizontal ropes (Going from left to right) are on top of the vertical ropes to minimise the damage to the ropes in the future.