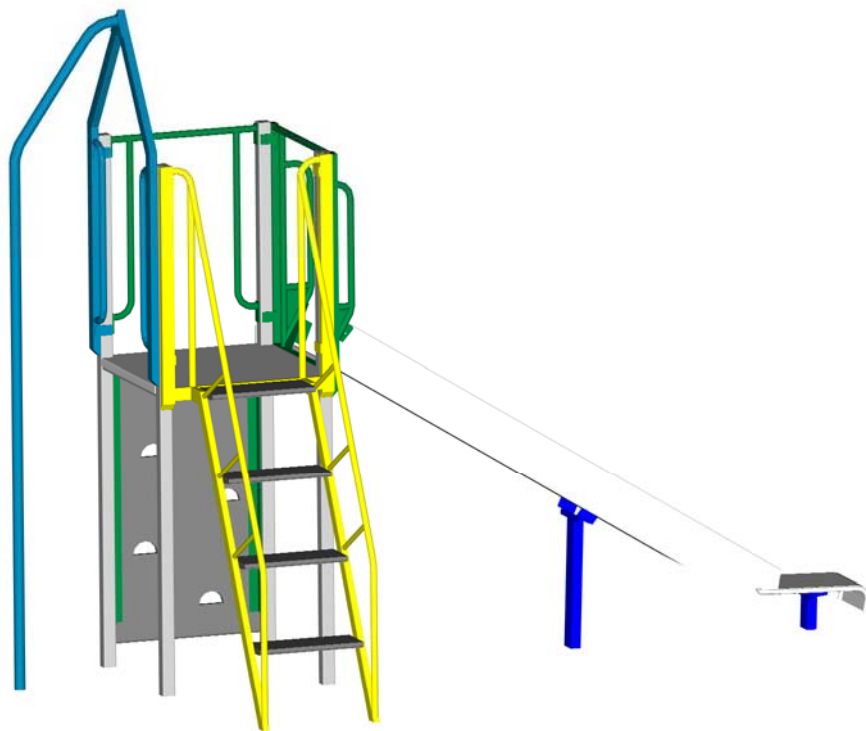




INSTALLATION INSTRUCTIONS
BRAVO MODULAR SYSTEM



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Section 1: PROCEDURES

1 PREPARATION

All equipment assembly and fixing must conform to EN1176.

Before commencing the installation the surrounding area must be sufficiently fenced and signs erected to warn the public of the risk of injury. Ensure sufficient constructional space is allowed for the system being assembled. As a minimum we would recommend that this is at least 1m larger than the size of the finished system.

Tools: Plumline, 5m Tape measure, Spirit level, Step ladder, Torque wrench, M10 Torx tools (Supplied with unit).

Minimum Personal Protective Equipment: Hard hat, Gloves, Armoured boots.

1.1 ESTABLISH ORIENTATION

- i) Consult SMP layout drawing for equipments 'falling space' / 'free space'.
- ii) Measure out the site to ensure the space required fits into the allotted area, it is horizontal and free from trip points or other obstructions.
- iii) Slides must not face due south, run down or uphill.
- iv) Ensure the equipment is to be provided with an effective Impact Absorbing Surface which has a tested critical fall height rating greater than the maximum freefall height of the equipment.

1.2 MARK OUT HOLES

Consult SMP layout drawing for concrete specifications. The concrete foundations indicated are for average ground. Care should be taken concerning abnormal conditions.

NOTE: This is a minimum guide only. Hole excavation should be done progressively as the steelwork is erected.

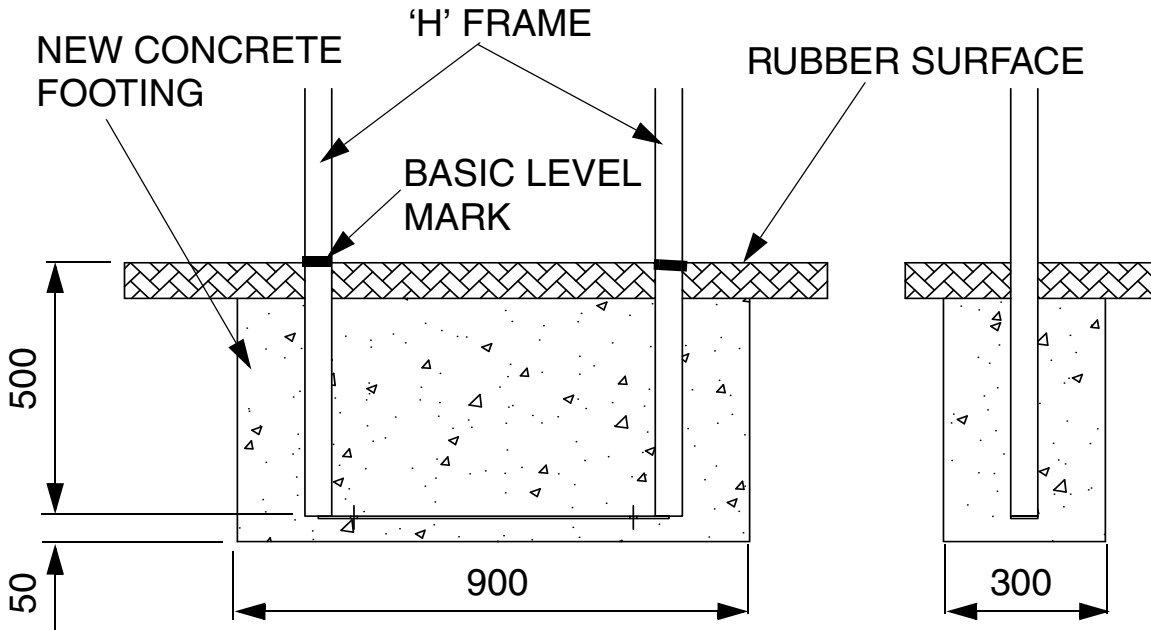
1.3 ESTABLISH DATUM LEVEL

- i) If a rubber tiled Impact Absorbing surface is to be laid, see separate instructions (base may incorporate up to 2% falls etc).
- ii) If equipment is to sit in loose fill or wet pour rubber surfaces allowances will need to be made for its recommended thickness. In this instance, if specified, SMP will supply extensions to all the equipment to allow for the loose fill thickness of 300mm, ensuring that all the steelwork has adequate penetration into the concrete footings. With certain loose fill materials, a greater thickness than 300mm may be required. This will need to be determined by allowing 100mm for dispersal in addition to the thickness required for the freefall height of the particular Bravo layout. The 'H' frames and deck to ground components, when mounted in loose fill surfaces, require extensions that are itemised in the following sections but generally take the form of an additional leg SSGIL, which should be bolted in place where applicable before the general assembly proceeds.
- iii) Component ground clearances and heights must be maintained to ensure the installation conforms with EN1176. Those components that are particularly important are:-
 - i) Slides
 - ii) Tower decks
 - iii) Steps
 - iv) Ladders
 - v) Ramps

If a discrepancy occurs, the following may be considered

- i) Alter ground levels
- ii) Change orientation
- iii)

INSTALLATION WITH NEW BASE



INSTALLATION WITH WET POUR OR LOOSE FILL SURFACE

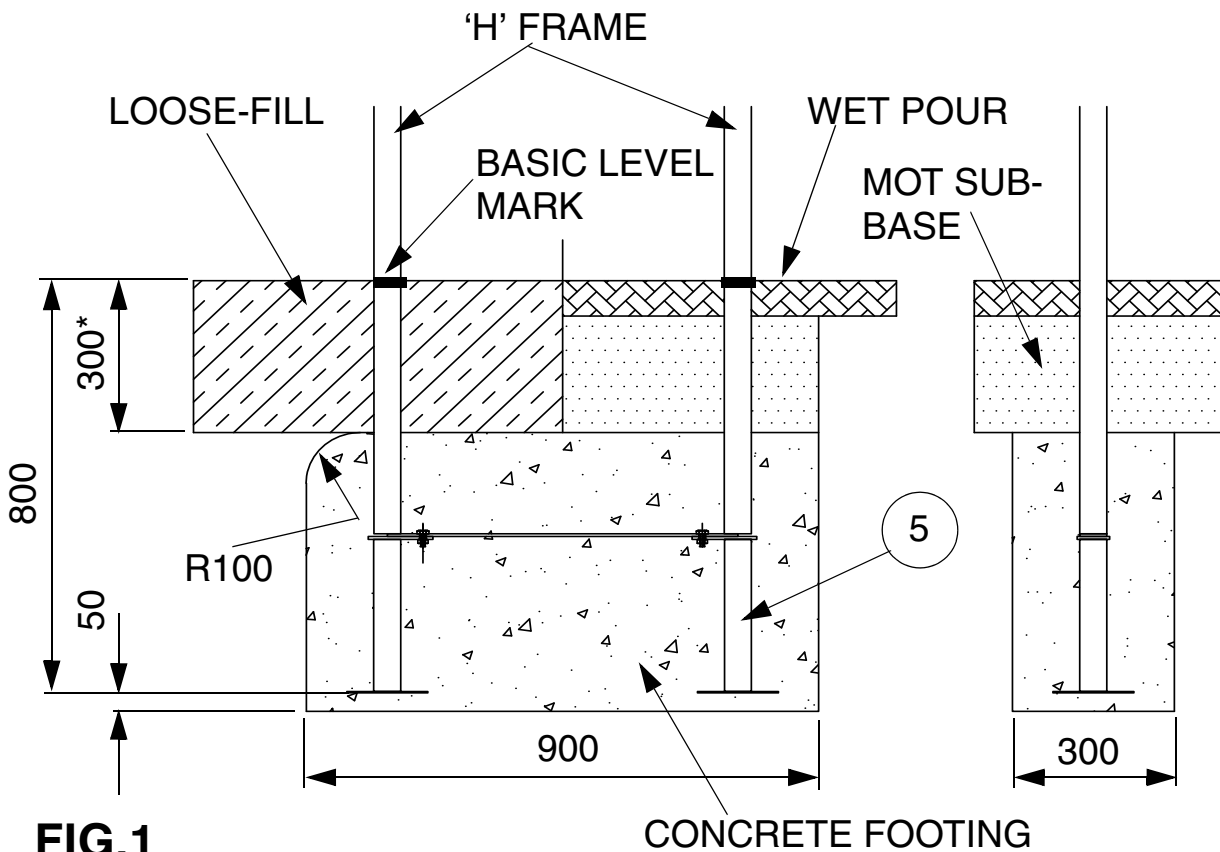


FIG.1

NOTE: * This allows for 300mm thickness of loose-fill surface, which will need to be confirmed is sufficient on the specific product selected.

1.4 COMPONENT IDENTIFICATION

- i) The plan code for the required assembly can be read from SMP layout drawing supplied and then cross referenced to the assembly sketches in the following sections of this manual. Each sketch shows the assemblies required component breakdown and layout.
- ii) Each component can be referenced from the part tables in the following sections.
- iii) When ordering new or replacement parts, quote the stock number only.

1.5 PRE-INSTALLATION INSPECTION

Inspect all parts for damage (which may have occurred during transportation & storage). Finish Coatings, if found to be damaged these should be made good before erection. Any damaged or missing parts must be replaced. To ensure the required hole threads are free from contamination it is recommended that they are brushed out and/or tapped out, to save time during erection.

2 ASSEMBLE TOWERS AND DECKS - BRTO12

ITEM	CODE	DESCRIPTION	QTY	WEIGHT (kg)
1	36000750	CHEQUER DECK PLATE	1	15.000
2	36001200	'H' FRAME	2	25.000
3	10121030	RESISTORX HEAD M10 x 30	4	0.028
4	10291000	WASHER PLAIN M10	4	0.002
LOOSE FILL				
5	SSGIL	GROUTING IN LUG	4	2.200

- i) The posts are placed into the ground excavations, and are chocked to the correct height (FIG.1 & 2).

NOTE: When positioning 'H' frames in the excavations make sure that the fixing inserts on the frame sides are facing inwards. (See FIG.2)

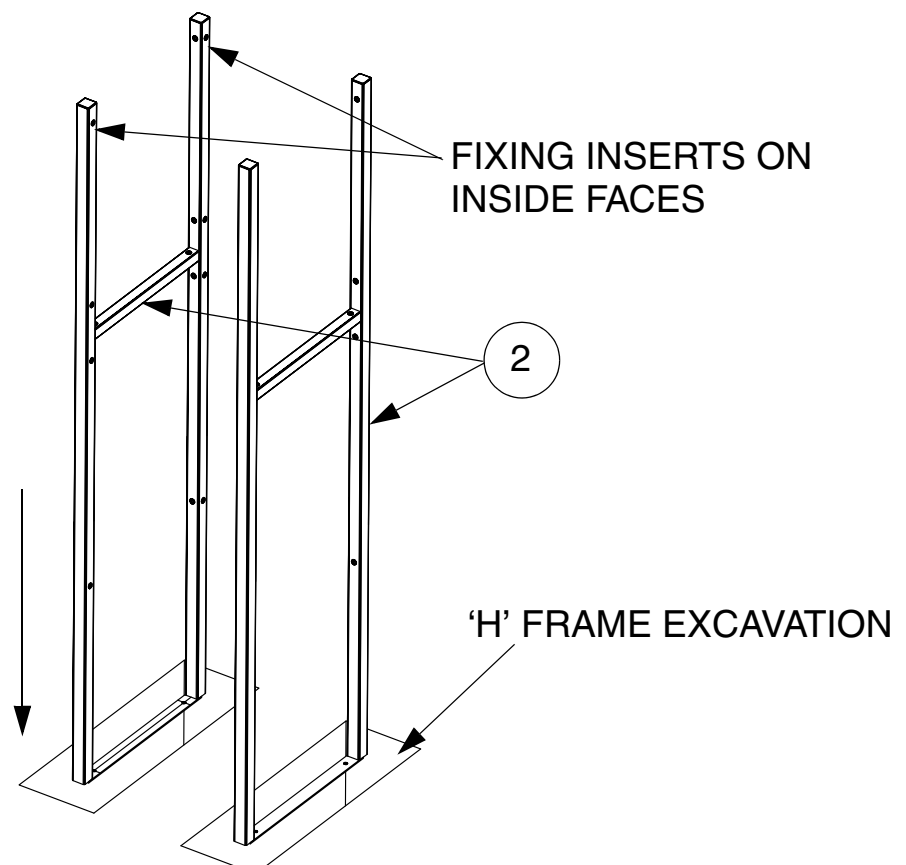
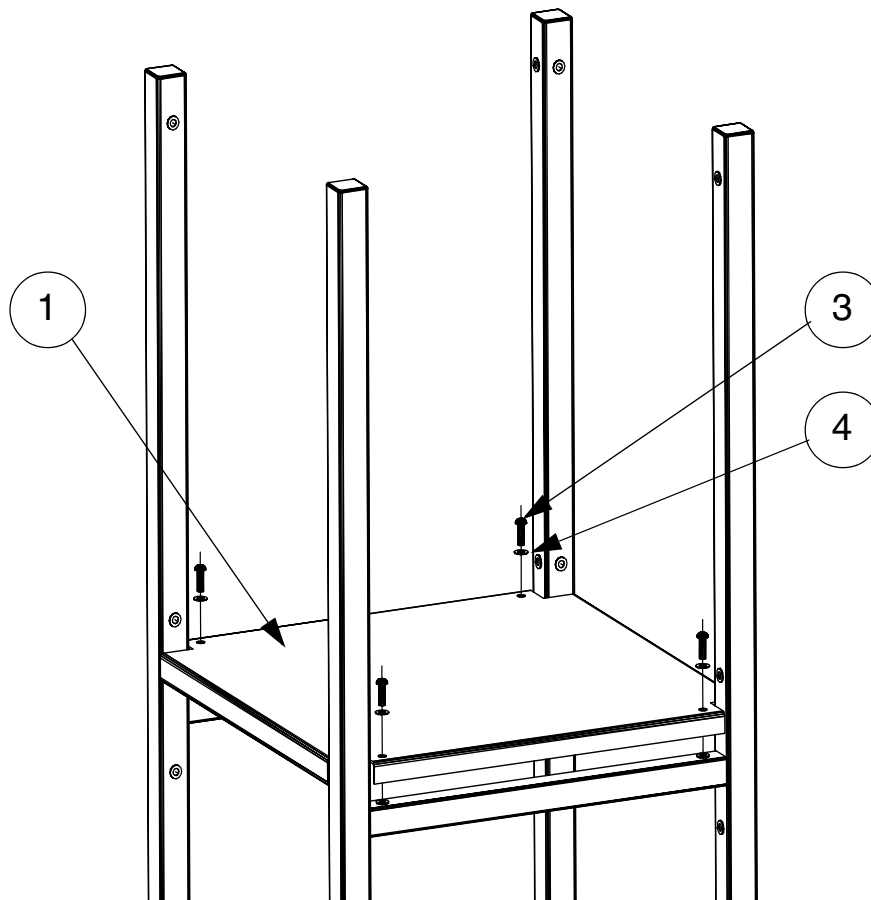


FIG.2 'H' FRAME INSTALLATION

- ii) The chequer deck plate Item 1 is bolted to the 'H' frames Item 2 using 4 off M10 x 30 lg Resistorx bolts and washers. (See FIG.3).

**FIG.3****CHEQUER DECK PLATE INSTALLATION**

- iii) It is advisable to attach an entry frame or relevant panel to the tower installation at this stage using M10 x 30 lg. Resistorx bolts and washers. This will leave the structure more rigid, and help with assembly. (FIG.4 & 5).

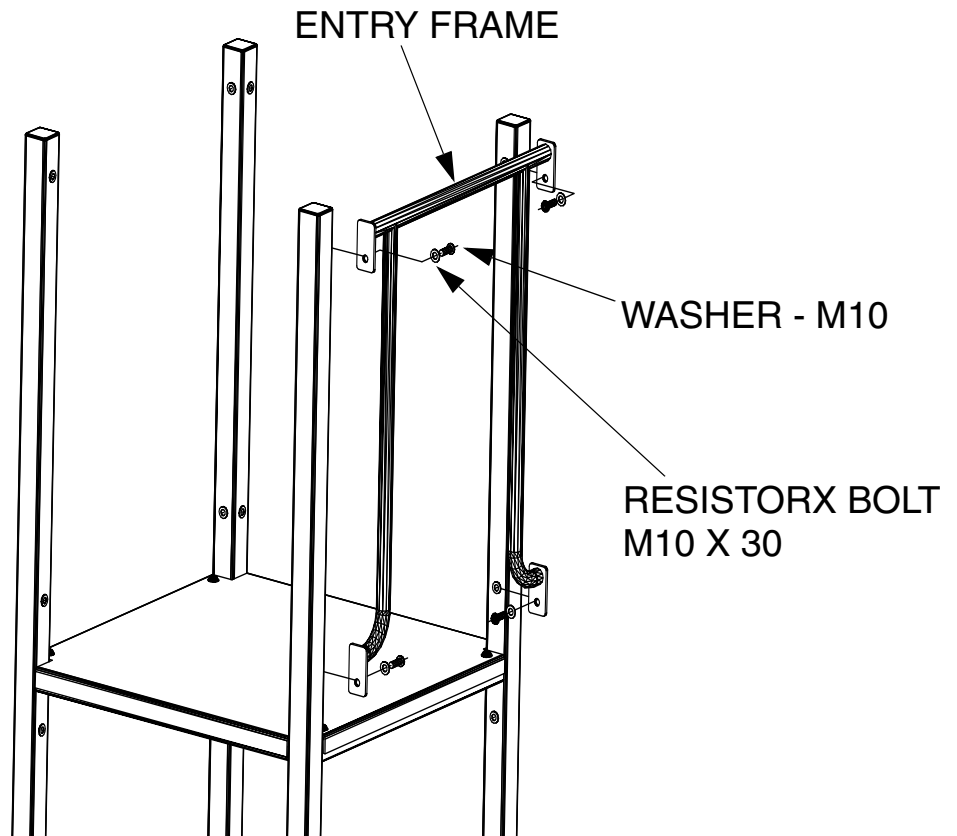


FIG.4 TYPICAL FIXING ARRANGEMENT FOR ENTRY FRAME

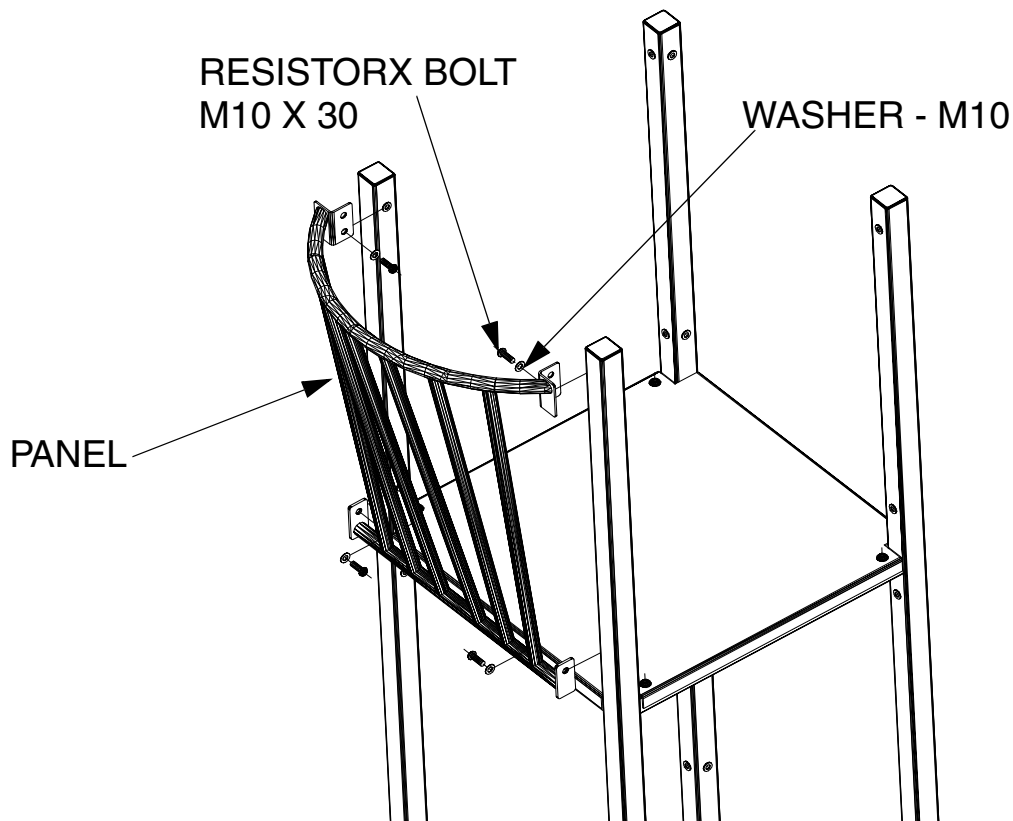


FIG.5 TYPICAL FIXING ARRANGEMENT FOR PANEL

- iv) Leave 3 to 5mm slack in all bolts

2.1 BUILD UP REMAINING STEELWORK .

Build up the rest of the steelwork using M10 x 30 Resistorx bolts and washers (unless specified otherwise in the following sections).

It is recommended that the steelwork is assembled in the following priority.

- i) Barriers (Section 3)
- ii) Deck to deck assemblies (Section 2)
- iii) Deck to ground assemblies (Section 4)

NOTE: Do not fully tighten any bolts or attach any polyethylene panels at this stage

3 CHECKS

Check all steelwork for level and square then tighten all bolts Do not exceed 20-25Nm torque or the inserts will dislodge and turn. Ensure all mating surfaces are fully aligned prior to tightening.

In all fixing positions on the steel work that have not been utilised: the temporary protective plug should be removed and the permanent black protective plug, Pt.No.19024501, inserted & knocked home with a soft hammer.

4 CONCRETE IN

- i) Concrete must be mixed 1:2:4 (21 N/mm)
- ii) Fill holes with concrete ensure full volume of concrete is used. The top of the concrete should gradually (1:100) slope down and outwards locally from the equipment frame to the required level to form a watershed. Allowance should be made for any special surfacing.
- iii) Allow the concrete to fully cure before proceeding to attach polyethylene panels etc. Recommended initial curing time 48 hrs.

5 BOLT ALL POLYETHYLENE PANELS TO STEELWORK

- i) For polyethylene panel attachment see appropriate unit in Section 4. Fit the required number of M10 Tee nuts and Shake proof washers into the panel and then loosely bolt into position, using M10 x 20 Resistorx bolts with M10 plain washers as supplied.
- ii) When the polyethylene panels are loosely bolted into position check for square and centre then tighten all bolts. Do not exceed 20-25Nm torque.

6 CLEAN SITE & POST INSTALLATION INSPECTION

- i) If a rubber tile Impact Absorbing Surface is to be laid, the site can now be prepared for laying tiles. See separate instructions.
- ii) Where additional surfacing is not being laid, make good the existing surface as required.

CHECK

CHECK



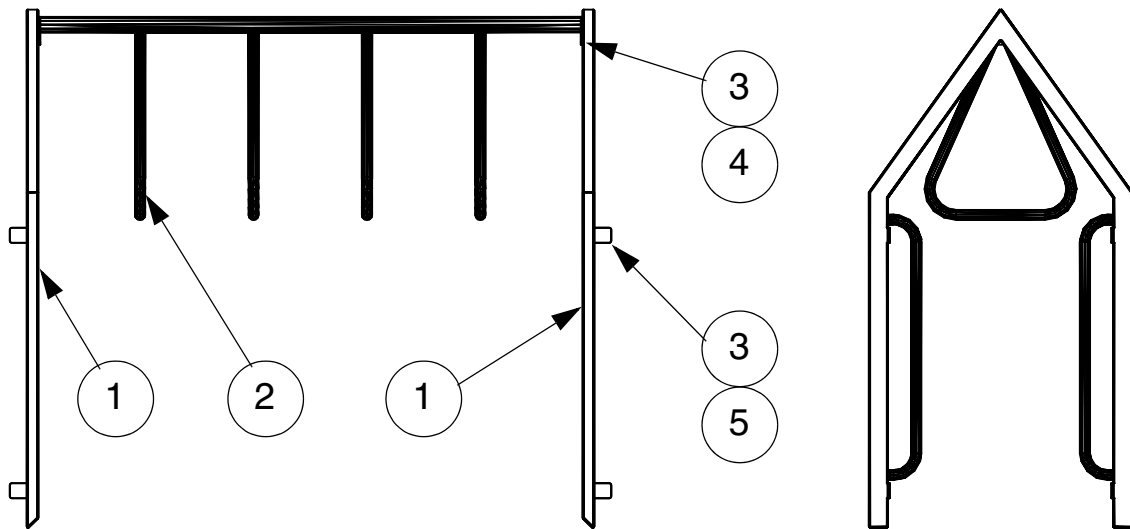
- 1 Paint work is not damaged and any polyethylene panels are not damaged (Any making good should be carried out using the procedure in the Inspection and Maintenance instructions).
- 2 Concrete foundations & all fixings are secure.
- 3 Concrete has a watershed away from the legs.
- 4 Adequate provision of Impact Absorbing Surfacing & no trip points in the equipments falling space.
- 5 Site is clear of tools & rubbish
- 6 Remove any warning signs.

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Section 2: LINKS

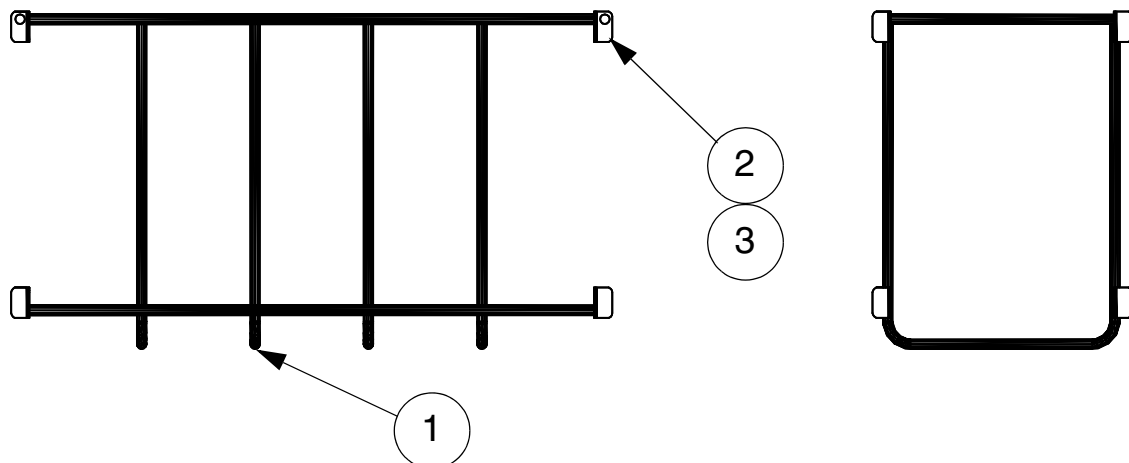
1 TRAPEZE LINK : BR00TR

ITEM	CODE	DESCRIPTION	QTY	WEIGHT (kg)
1	36005010	ENTRY ARCH	2	13.000
2	36005020	TRAPEZE BEAM	1	15.000
3	10121030	RESISTORX HEAD M10 x 30	12	0.028
4	10309999	HEAVY DUTY WASHER M10	4	0.002
5	10291000	WASHER M10	8	0.002



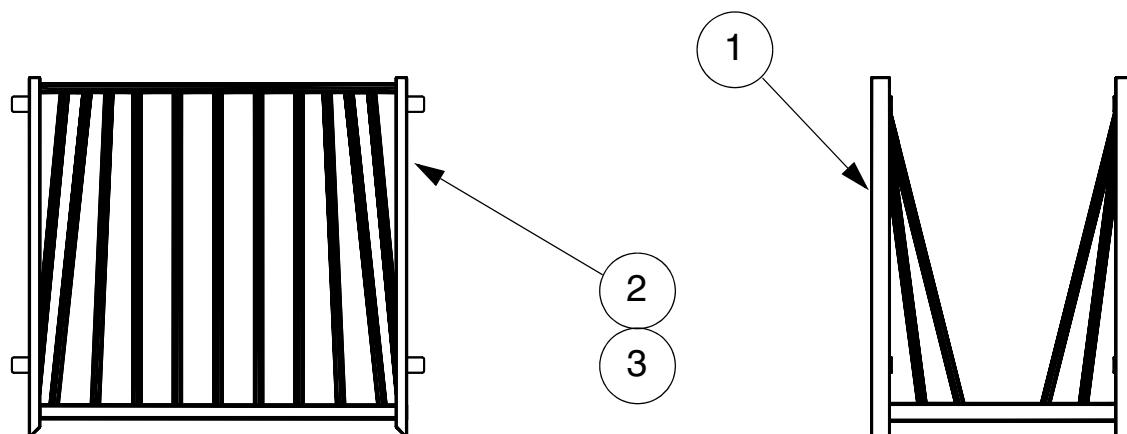
2 SQUARE HOOP LINK : BR00SH

ITEM	CODE	DESCRIPTION	QTY	WEIGHT (kg)
1	36005040	SQUARE HOOP LINK	1	25.000
2	10121030	RESISTORX HEAD M10 x 30	8	0.028
3	10291000	WASHER M10	8	0.002



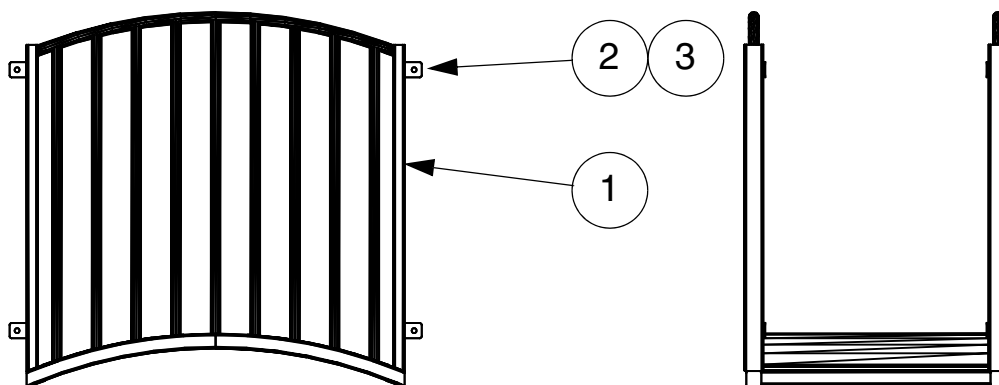
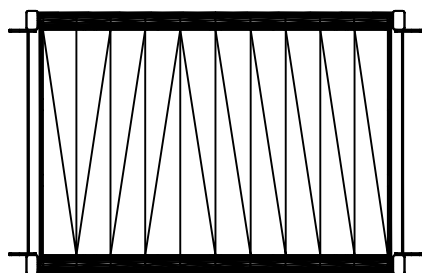
3 CATWALK : BR00CW

ITEM	CODE	DESCRIPTION	QTY	WEIGHT (kg)
1	36005050	CATWALK	1	50.000
2	10121030	RESISTORX HEAD M10 x 30	8	0.028
3	10291000	WASHER M10	8	0.002



4 HUMP-BACK BRIDGE : BR00HB

ITEM	CODE	DESCRIPTION	QTY	WEIGHT (kg)
1	36005060	HUMP BRIDGE	1	50.000
2	10121030	RESISTORX HEAD M10 x 30	8	0.028
3	10291000	PLAIN WASHER M10	8	0.002

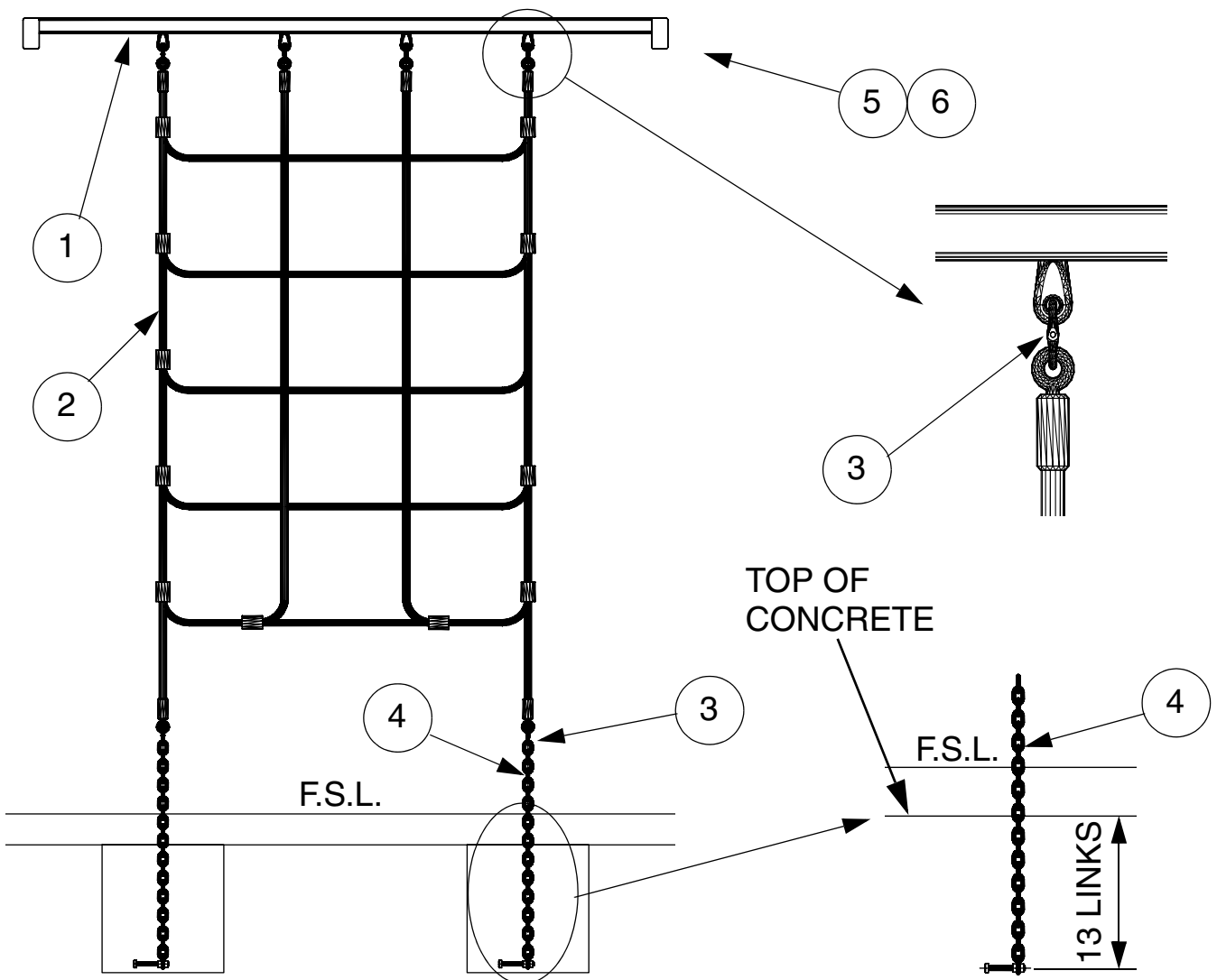


5 ROPE WALL LINK: BR00RW

NOTES:

- i) Attach Rope Wall Beam (item 1) to 'H' frames using 4 off Resistorx bolts M10 x 30 (item 5) and washers (item 6).
- ii) Suspend the Ground Fixing Chains (item 4) from the appropriate eye fixing on the Beam vertically over the foundation holes. Ensure that at least 13 chain links are encased in the concrete to provide a secure fixing, with the Hex. Bolt at the bottom of the hole. This will leave at least 14 links extended above the F.S.L. to allow subsequent adjustment of the Rope Wall Link. Stake in position to ensure chain stays vertical during pouring of concrete.
- iii) When concrete has cured attach Wall Rope (item 2) to Rope Wall Beam using 4 off Coupling Link (item 3).
- iv) Tension Rope Wall Link (item 2) by connecting to the Ground Chain Assembly (item 4) with Coupling (item 3). Remove all excess links before connecting.

ITEM	CODE	DESCRIPTION	QTY	WEIGHT (kg)
1	36005070	ROPE WALL BEAM	1	10.000
2	36005071	WALL ROPE	1	8.000
3	15715000	COUPLING LINK	6	0.100
4	38008027	GROUND FIXING CHAIN ASSY.	2	1.500
5	10121030	RESISTORX HEAD M10 x 30	4	0.028
6	10291000	WASHER M10	4	0.002

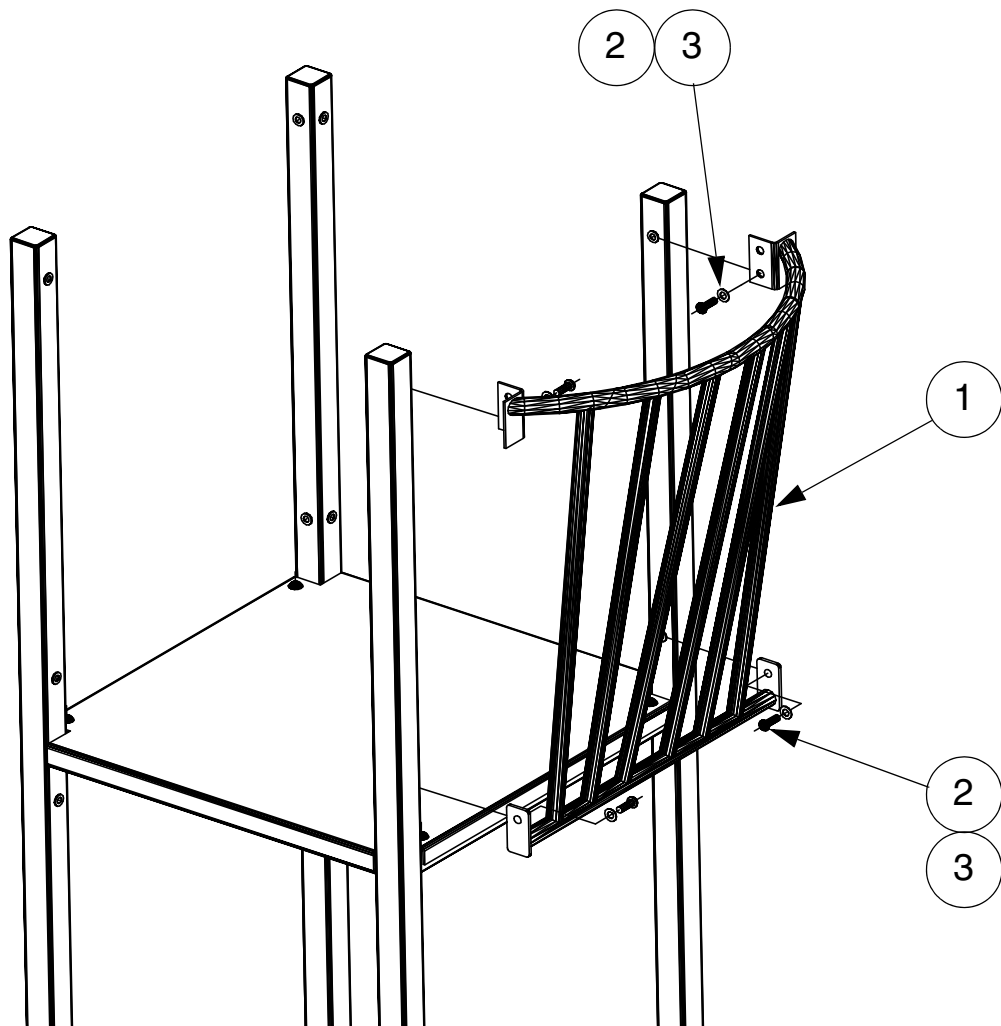


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Section 3: BARRIERS

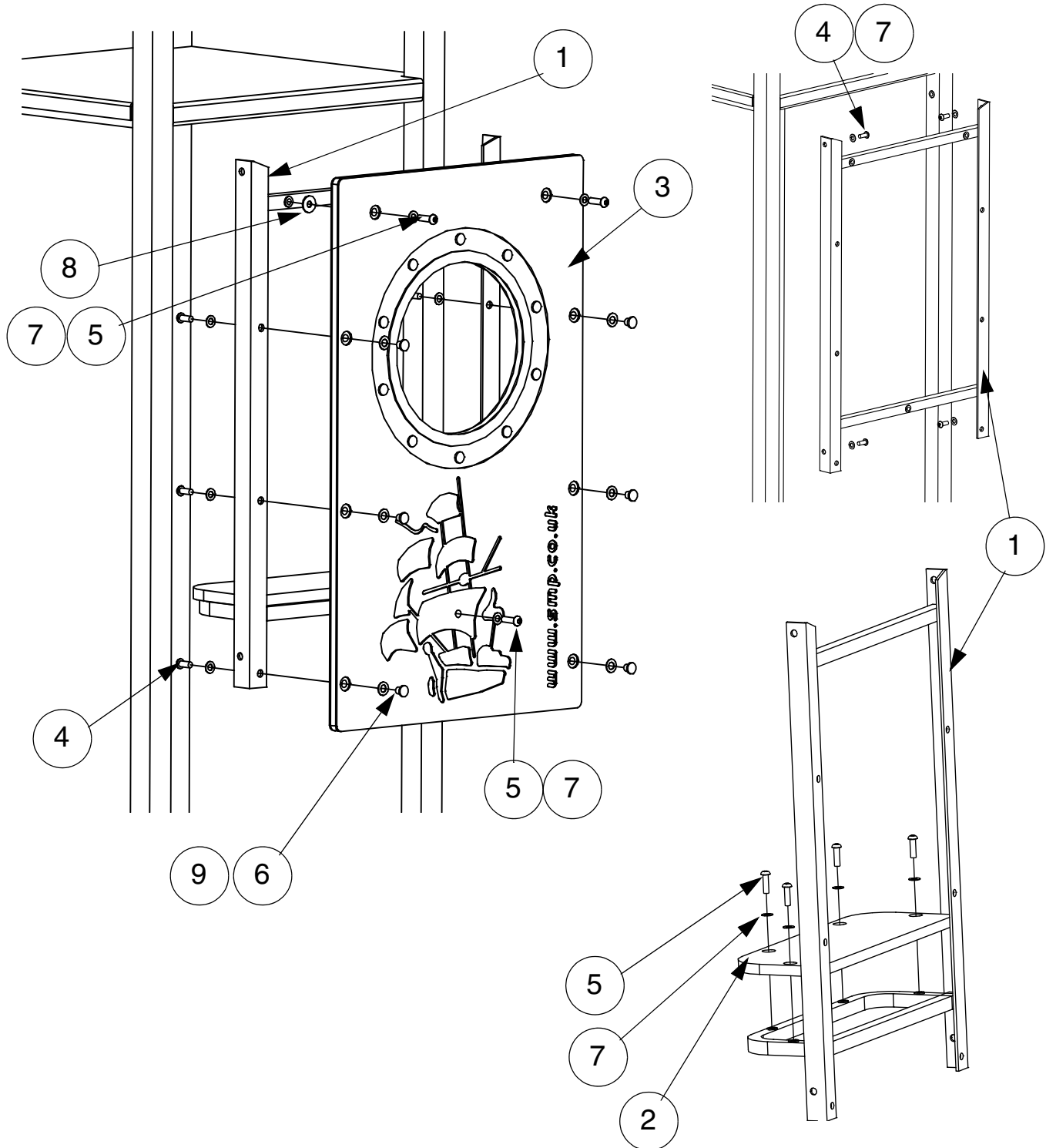
1 LOOKOUT : BRLOOK

ITEM	CODE	DESCRIPTION	QTY	WEIGHT (kg)
1	36007010	LOOKOUT	1	8.000
2	10121030	RESISTORX HEAD M10 x 30	4	0.028
3	10291000	WASHER M10	4	0.002



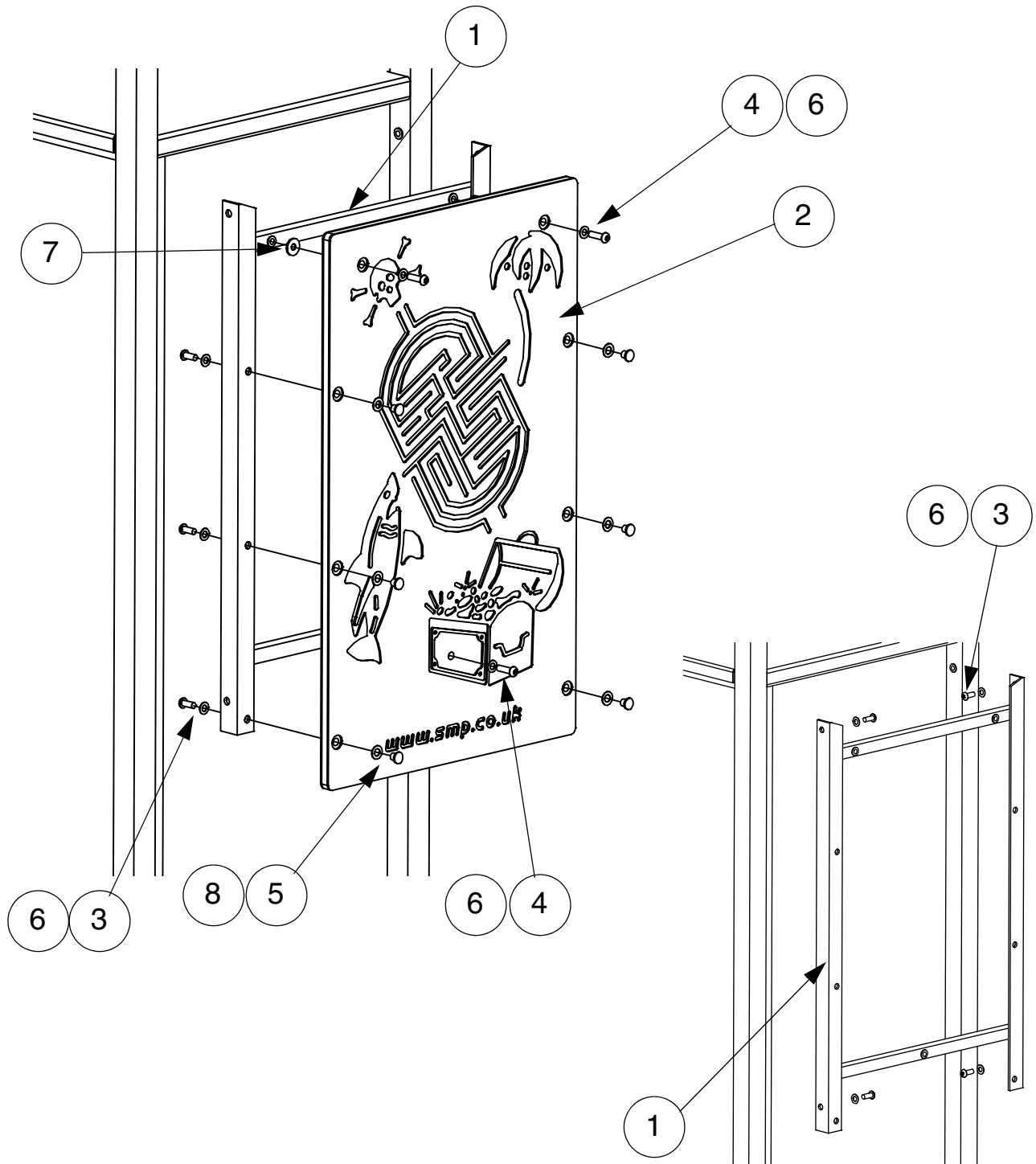
2 UNDER DECK SEAT : BRGS12

ITEM	CODE	DESCRIPTION	QTY	WEIGHT (kg)
1	36006100	UNDER DECK SEAT FRAME	1	16.00
2	36006102	UNDER DECK SEAT	1	1.000
3	36006104	UNDER DECK SEAT PANEL	1	10.50
4	10121025	RESISTORX HEAD M10 x 25	10	0.024
5	10121035	RESISTORX HEAD M10 x 35	7	0.032
6	10931000	TEE NUT M10	6	0.020
7	10291000	WASHER M10	17	0.002
8	10309999	WASHER M10 LARGE	3	0.002
9	10301200	SHOCKPROOF WASHER M12	6	0.002



3 UNDER DECK PANEL : BRGM12

ITEM	CODE	DESCRIPTION	QTY	WEIGHT (kg)
1	36006101	UNDER DECK FRAME	1	9.000
2	36006103	UNDER DECK PANEL	1	11.00
3	10121025	RESISTORX HEAD M10 x 25	10	0.024
4	10121035	RESISTORX HEAD M10 x 35	3	0.032
5	10931000	TEE NUT M10	6	0.020
6	10291000	WASHER M10	13	0.002
7	10309999	WASHER M10 LARGE	3	0.002
8	10301200	SHOCKPROOF WASHER M12	6	0.002



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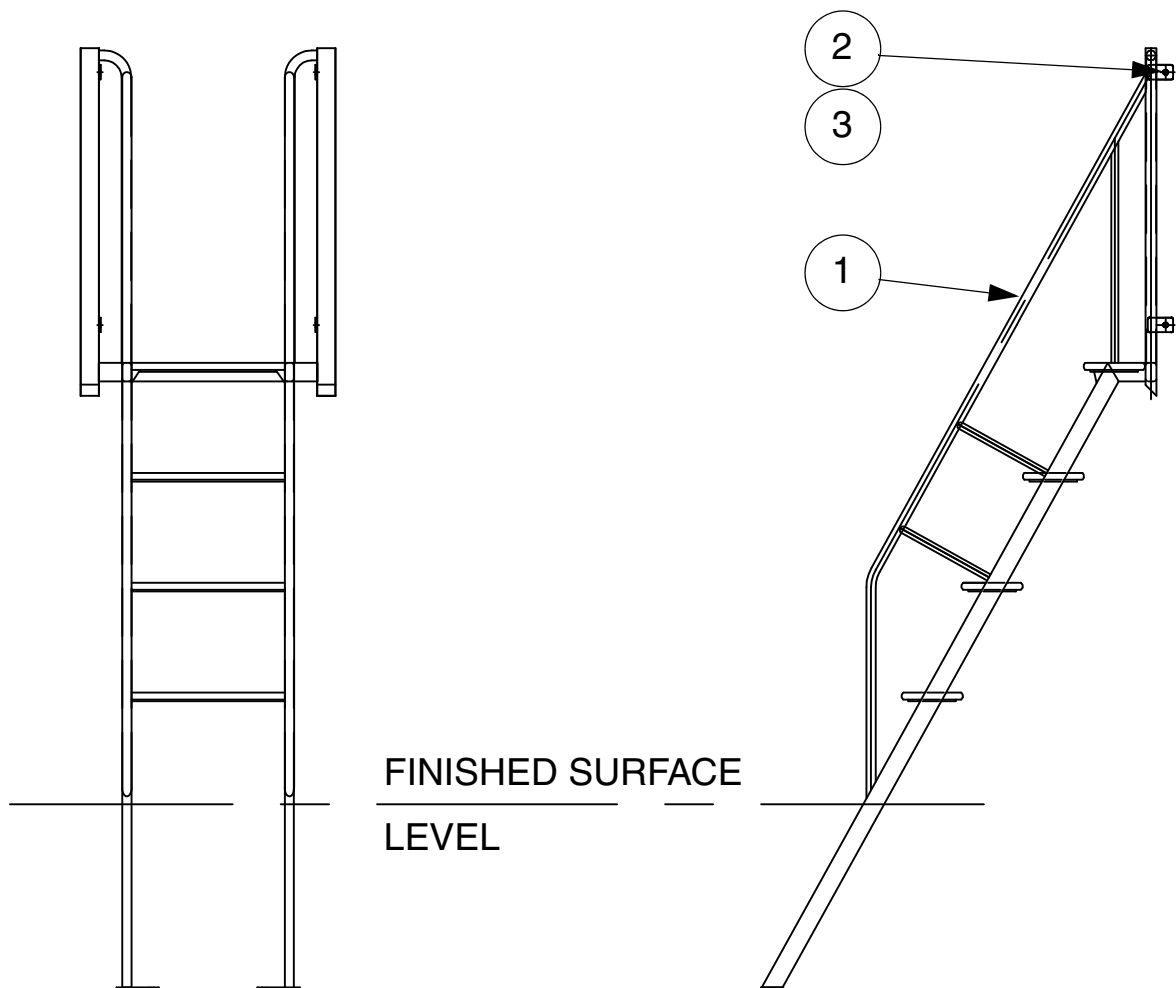
Section 4: ACCESS

1 ACCESS STEPS : BRAS12

ITEM	CODE	DESCRIPTION	QTY	WT (kg)
1	36003010	ACCESS STEPS	1	43.000
2	10121030	RESISTORX HEAD M10 x 30	4	0.020
3	10291000	WASHER M10	4	0.002
LOOSE FILL				
4	SSGIL	GROUTING IN LUG	2	2.200

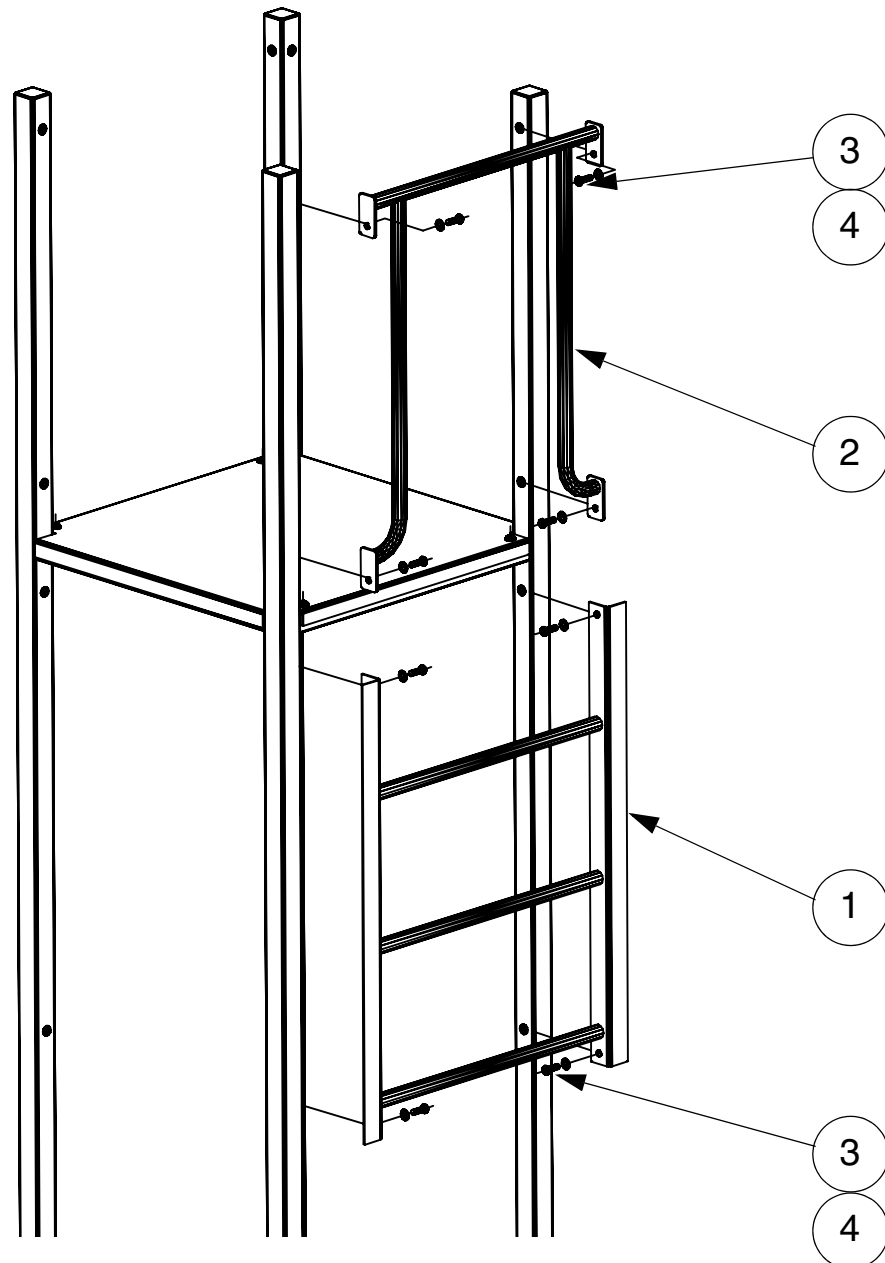
NOTE: SLOPED STEPS 36003010 INCLUDE THE FOLLOWING COMPONENTS

45011238	POLY STEP TREAD	4	2.500
10930600	DYNAFIX INSERT M6	16	0.350
10120616	RESISTORX BOLT M6x16	16	0.015
10290600	PLAIN WASHER M6	16	0.005



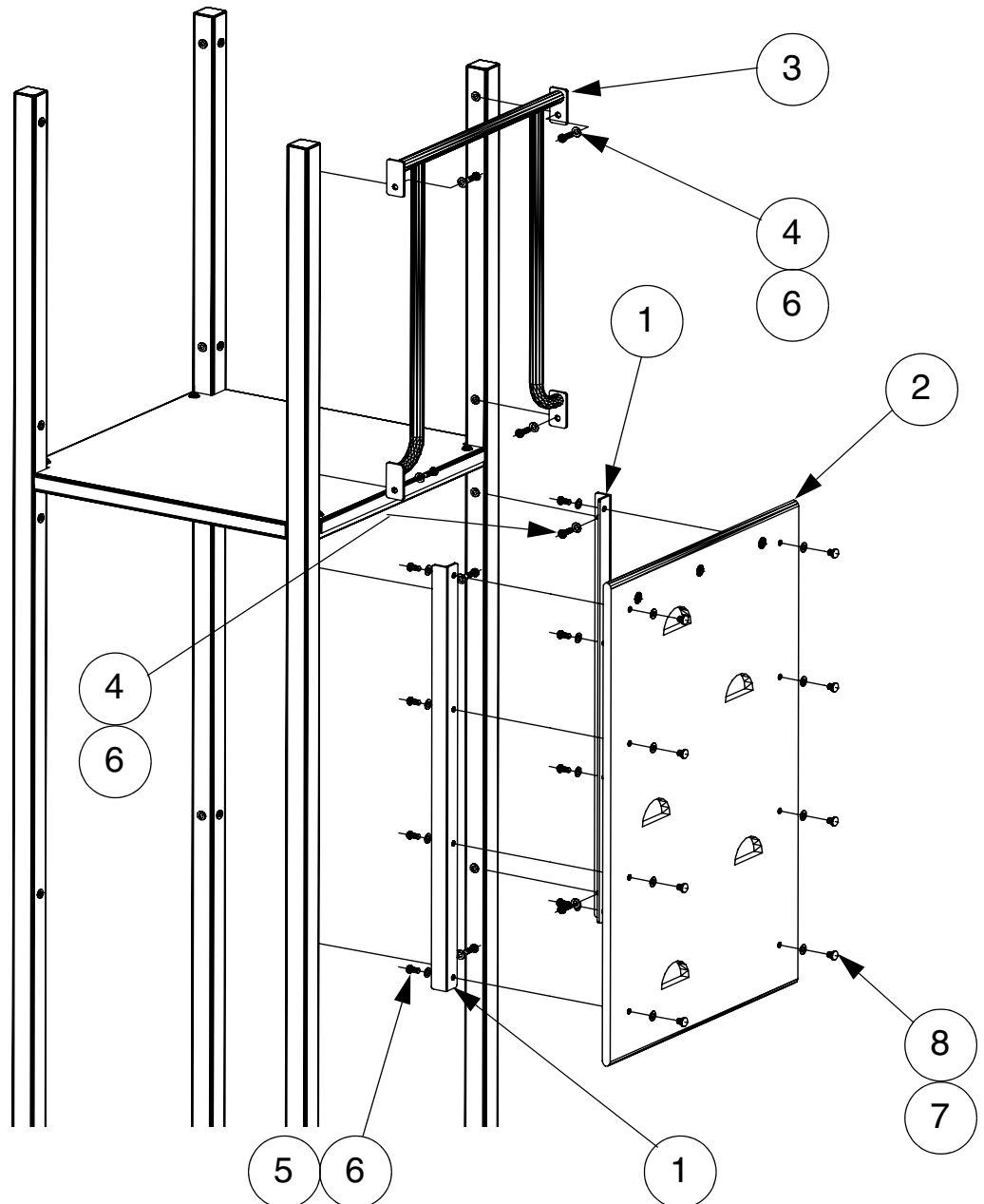
2 VERTICAL LADDER : BRVL12

ITEM	CODE	DESCRIPTION	QTY	WEIGHT (kg)
1	36003020	VERTICAL LADDER	1	7.000
2	36003030	GUARD RAIL ENTRY FRAME	1	4.500
3	10121030	RESISTORX HEAD M10 x 30	8	0.020
4	10291000	WASHER M10	8	0.002



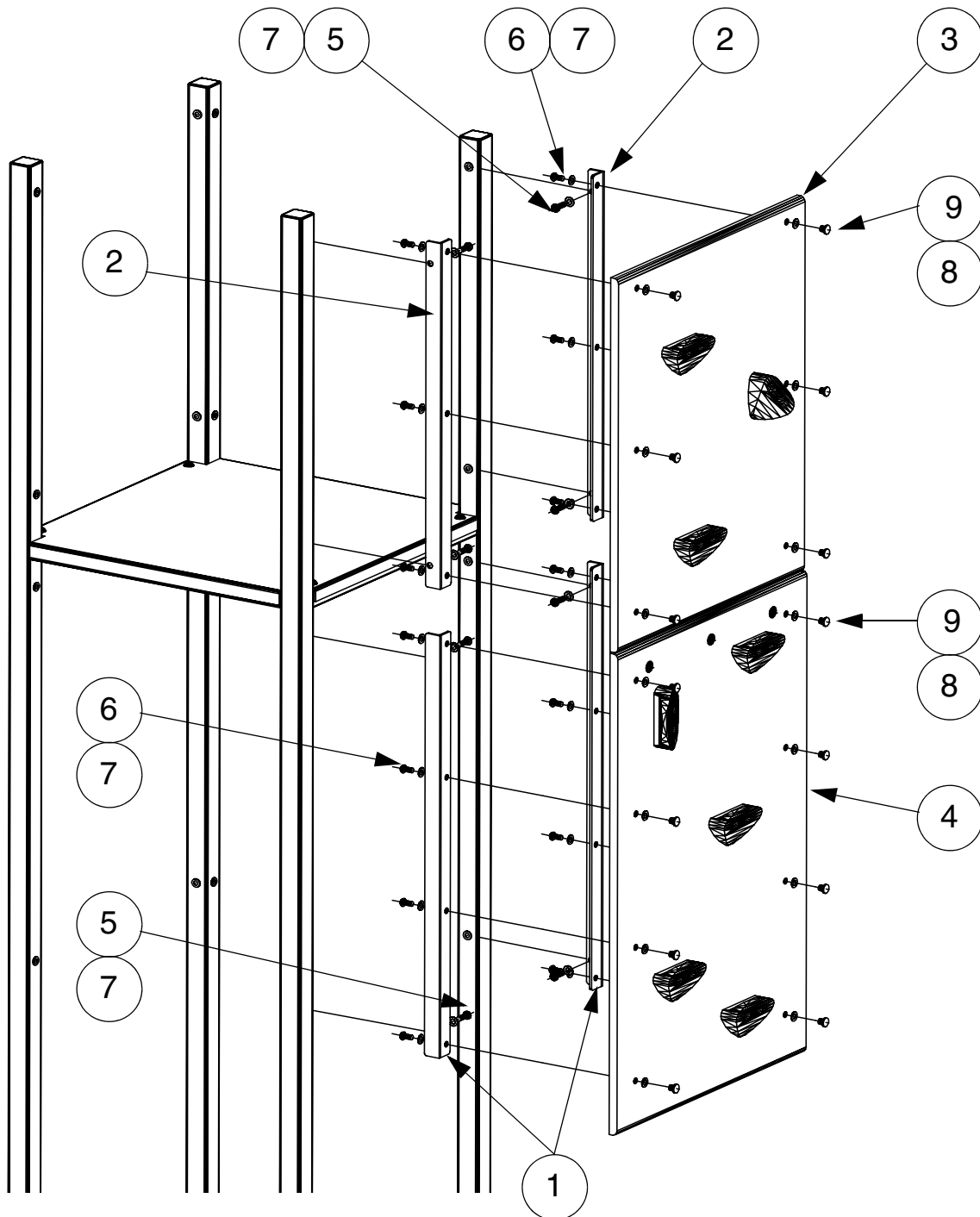
3 HALF HEIGHT CLIMBING WALL : BRCH12

ITEM	CODE	DESCRIPTION	QTY	WEIGHT (kg)
1	36009001	CLIMBING WALL SUPPORT ANGLE LOWER	2	3.000
2	36009020	HALF HEIGHT CLIMBING WALL PANEL	1	14.000
3	36003030	GUARDRAIL ENTRY FRAME	1	4.500
4	10121030	RESISTORX HEAD M10 x 30	8	0.028
5	10121020	RESISTORX HEAD M10 x 20	8	0.020
6	10291000	PLAIN WASHER M10	16	0.002
7	10301200	SHAKE PROOF WASHER	8	0.002
8	10931000	TEE NUT M10	8	0.020



4 FULL HEIGHT CLIMBING WALL : BRCW12

ITEM	CODE	DESCRIPTION	QTY	WEIGHT (kg)
1	36009001	CLIMBING WALL SUPPORT ANGLE LOWER	2	3.000
2	36009002	CLIMBING WALL SUPPORT ANGLE UPPER	2	2.500
3	36009040	FULL HEIGHT CLIMBING WALL PANEL UPPER	1	14.000
4	36009030	FULL HEIGHT CLIMBING WALL PANEL LOWER	1	19.000
5	10121030	RESISTORX HEAD M10 x 30	8	0.028
6	10121020	RESISTORX HEAD M10 x 20	14	0.020
7	10291000	PLAIN WASHER M10	22	0.002
8	10301200	SHAKE PROOF WASHER	14	0.002
9	10931000	TEE NUT M10	14	0.020

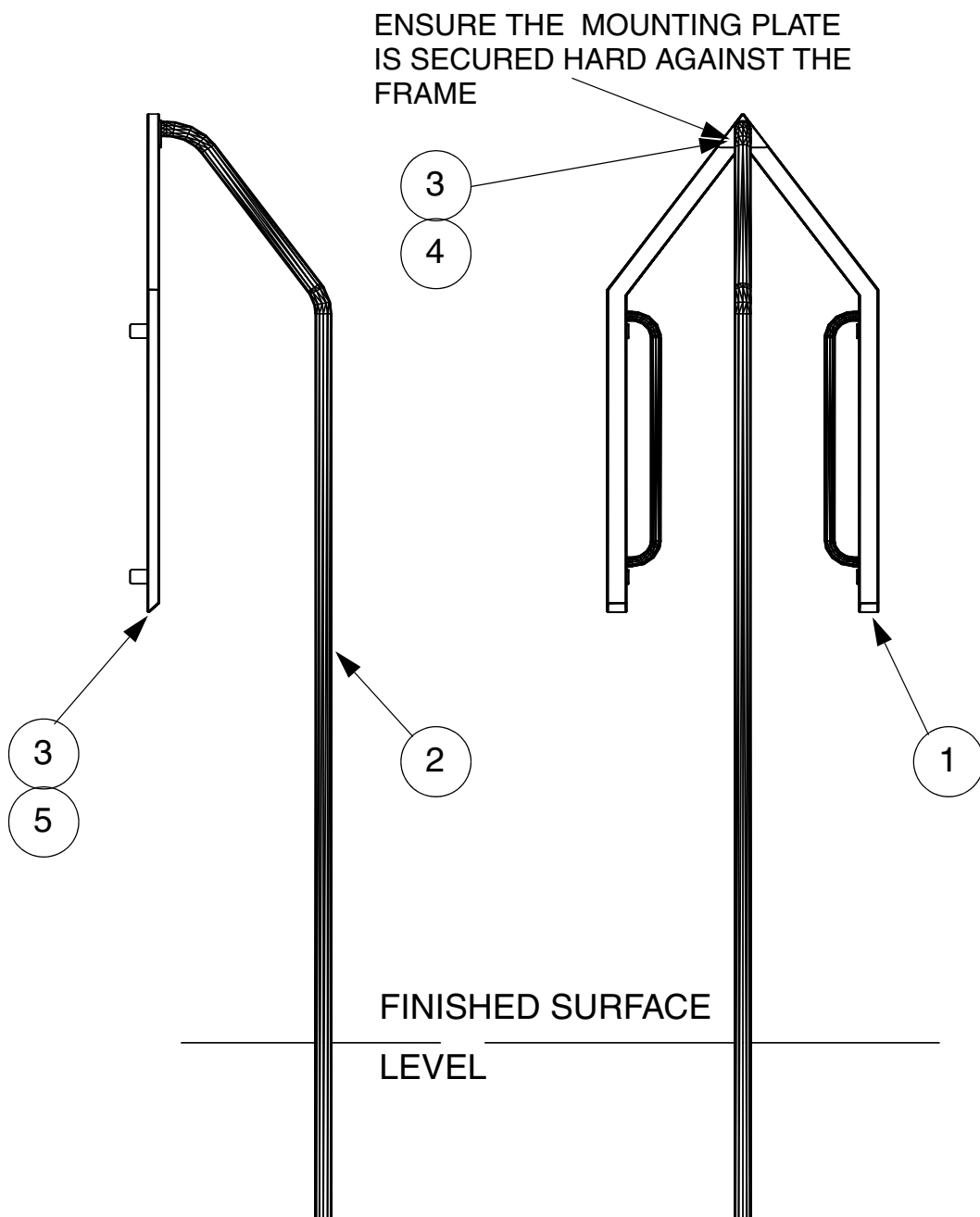


5 SLIDING POLE : BRSP12

NOTES:

- i) Attach item 1 onto Tower using 4 off M10 x 30 Resistorex bolts item 3 and washers item 5.
- ii) Attach item 2 onto Arch Entry using 2 off M10 x 30 Resistorex bolts item 3 and washers item 4.
- iii) Tighten all fixings.

ITEM	CODE	DESCRIPTION	QTY	WEIGHT (kg)
1	36005010	ARCH ENTRY	1	13.000
2	36003040	FIREMANS POLE	1	10.500
3	10121030	RESISTORX HEAD M10 x 30	6	0.028
4	10309999	HEAVY DUTY WASHER M10	2	0.002
5	10291000	PLAIN WASHER M10	4	0.002
LOOSE FILL				
5	SSGIL	GROUTING IN LUG	1	2.200

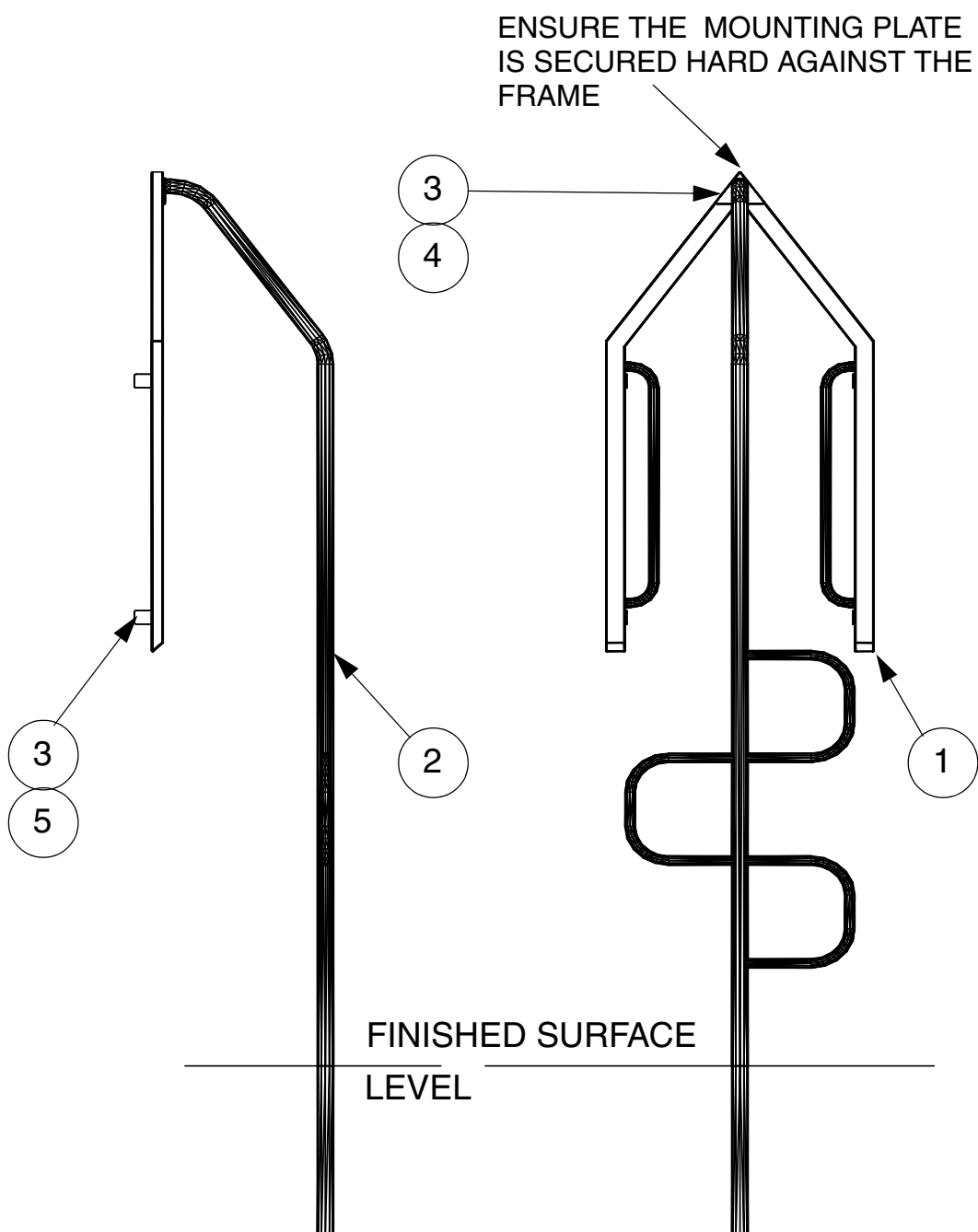


6 ANTENNA CLIMBER : BRAC12

NOTES:

- i) Attach item 1 onto Tower using 4 off M10 x 30 Resistorx bolts item 3 and washers item 5.
- ii) Attach item 2 Arch Entry using 2 off M10 x 30 Resistorx bolts item 3 and washers item 4.
- iii) Tighten all fixings.

ITEM	CODE	DESCRIPTION	QTY	WEIGHT (kg)
1	36005010	ARCH ENTRY	1	13.000
2	36003050	ANTENNA POLE	1	14.500
3	10121030	RESISTORX HEAD M10 x 30	6	0.028
4	10309999	HEAVY DUTY WASHER M10	2	0.002
5	10291000	PLAIN WASHER M10	4	0.002
LOOSE FILL				
5	SSGIL	GROUTING IN LUG	1	2.200

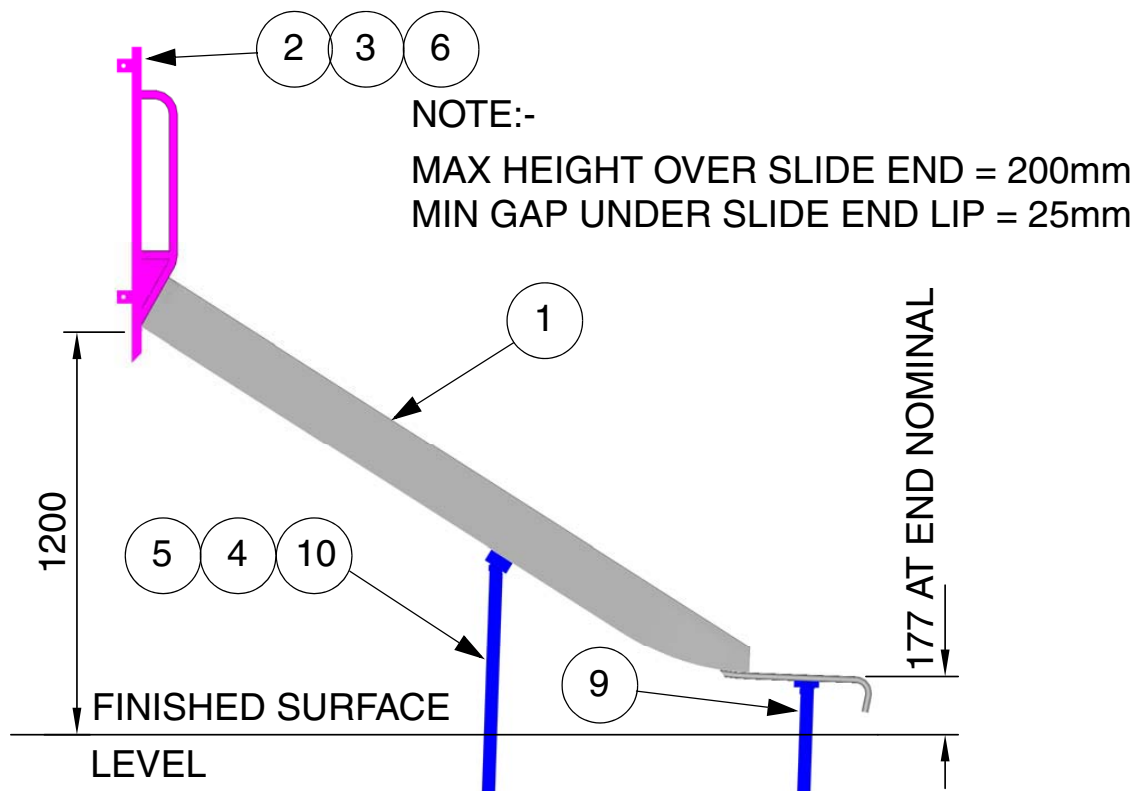
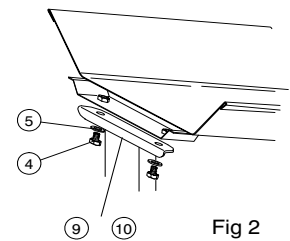
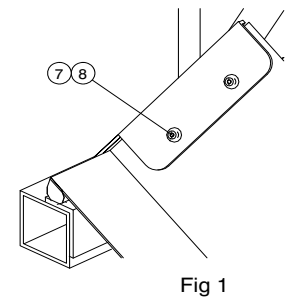


7 SINGLE WIDTH SLIDE : BRSS12

NOTES:

- i) Attach item 2 onto Tower using 4 off M10 x 30 Resistorx bolts item 3 and washers item 6.
- ii) Offer item 1 to item 2. Ensuring the top of item 1 rests on the cross member of item 2. The walls of item 1 must be positioned outside the gussets on item 2. (Fig 1).
- iii) Mark out foundations for items 9/10. Remove item 1 then excavate holes.
- iv) Bolt item 9, and item 10, to item 1. (Fig 2).
- v) Repeat note (i). Secure item 1 using items 7 & 8. Ensure the **bolt** head is on the inside of the slide.
- vi) Set position and pack up bases. Check item 1 ground clearance.
- vii) **Item 1 should slightly taper towards the ground to allow watershed, maximum 1½°.**
- viii) Please note that it is very important to check the slide run out section does **not** hold water after installation. It is recommended that an actual test is carried out, on site, prior to concreting the slide into its final position. Should any deformation to the run out section have occurred during transportation and storage this must be corrected prior to final installation.

ITEM	CODE	DESCRIPTION	QTY	WEIGHT (kg)
1	45031200	SINGLE WIDTH SLIDE	1	36.000
2	36003070	SLIDE ENTRY FRAME	1	16.000
3	10121030	RESISTORX HEAD M10 x 30	4	0.028
4	10251016	BOLT HEXAGONAL HEAD M10 x 16	8	0.020
5	10309999	HEAVY DUTY WASHER	8	0.011
6	10291000	PLAIN WASHER M10	4	0.002
7	10120610	BUTTON HEAD M6 x 10	4	0.004
8	10260600	NYLOC NUT M6 T TYPE	4	0.002
SLIDE FEET				
Standard				
9	60090701	SLIDE FOOT- 360mm	1	2.400
10	70032701	SLIDE FOOT-750mm	1	4.500
Loose Fill				
11	70032701	SLIDE FOOT-750mm	1	4.500
12	45039001	SLIDE FOOT-1000mm	1	5.800



8 1200 CURVED SLIDE : BRCS12

NOTES:

- i) Offer item 1 to item 2. (FIG.2).
- ii) Mark out foundations for items 8/9. Remove item 1 then excavate holes.
- iii) Bolt items 8, and 9, to item1. (FIG.3 & 4).
- iv) Repeat note (i). Secure item 1 using items 4,5,6 & 7. Ensure the **head** of the Resistorx fitting is on the inside of the platform.
- v) Set position and pack up bases. Check item 1 ground clearance. (FIG.4)
- vi) Item 1 should taper towards the ground to allow watershed.

ITEM	CODE	DESCRIPTION	QTY	WEIGHT (kg)
1	45033000	1200 CURVED SLIDE	1	48.000
2	36003075	CURVED SLIDE ENTRY FRAME	1	13.000
3	10121030	RESISTORX HEAD M10 x 30	4	0.028
4	10121020	RESISTORX HEAD M10 x 20	15	0.020
5	10291000	PLAIN WASHER M10	28	0.005
6	10271000	HEX NUT M10	9	0.020
7	10411000	ARMOUR RING M10	9	0.020
SLIDE FEET				
Standard				
8	45039000	SLIDE FOOT - 550mm	2	4.500
9	45039001	SLIDE FOOT - 1000mm	1	5.800
Loose Fill				
8	70032701	SLIDE FOOT-750mm	2	4.500
9	45039002	SLIDE FOOT-1300mm	1	6.000

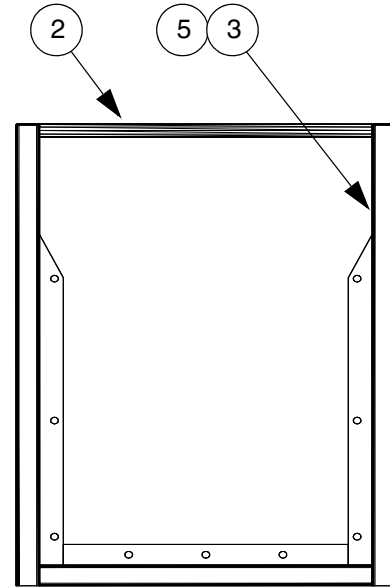


FIG.1

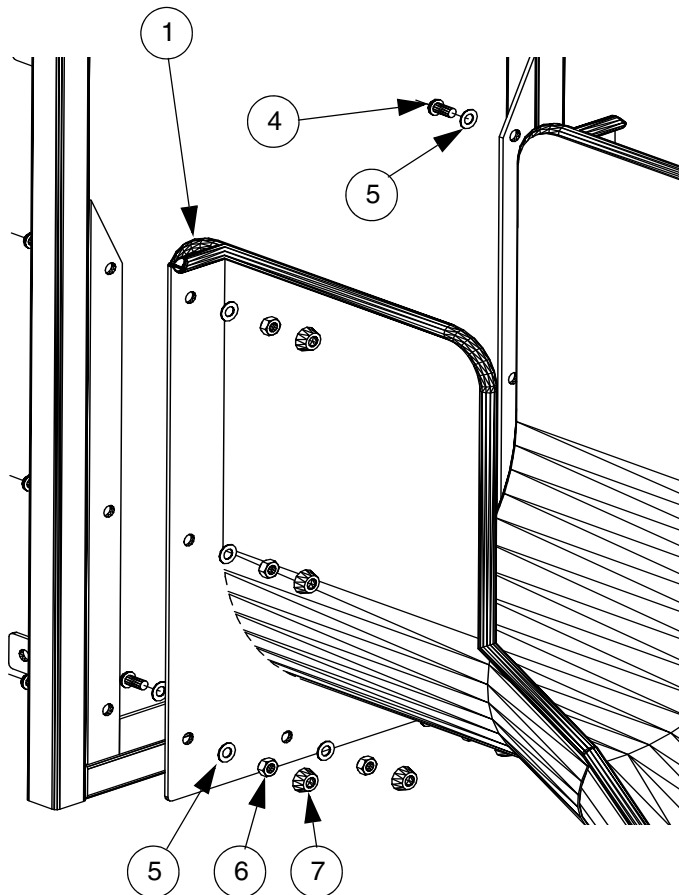


FIG.2

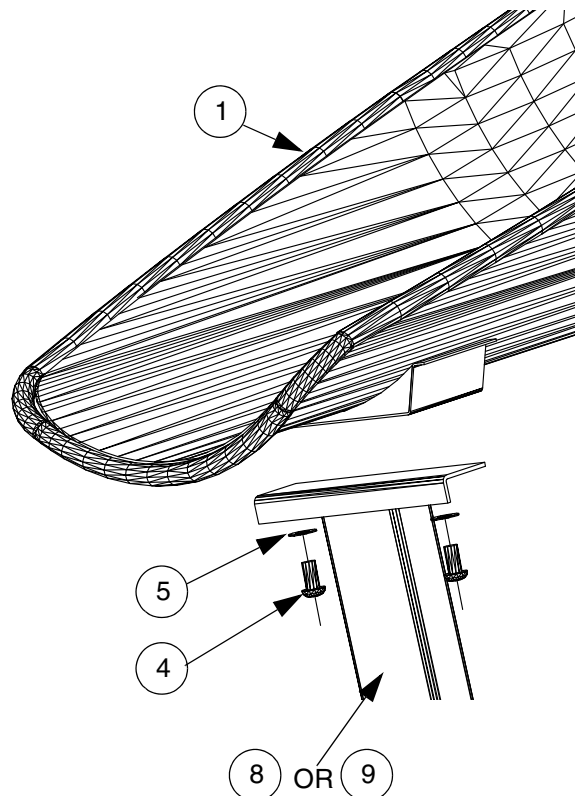


FIG.3

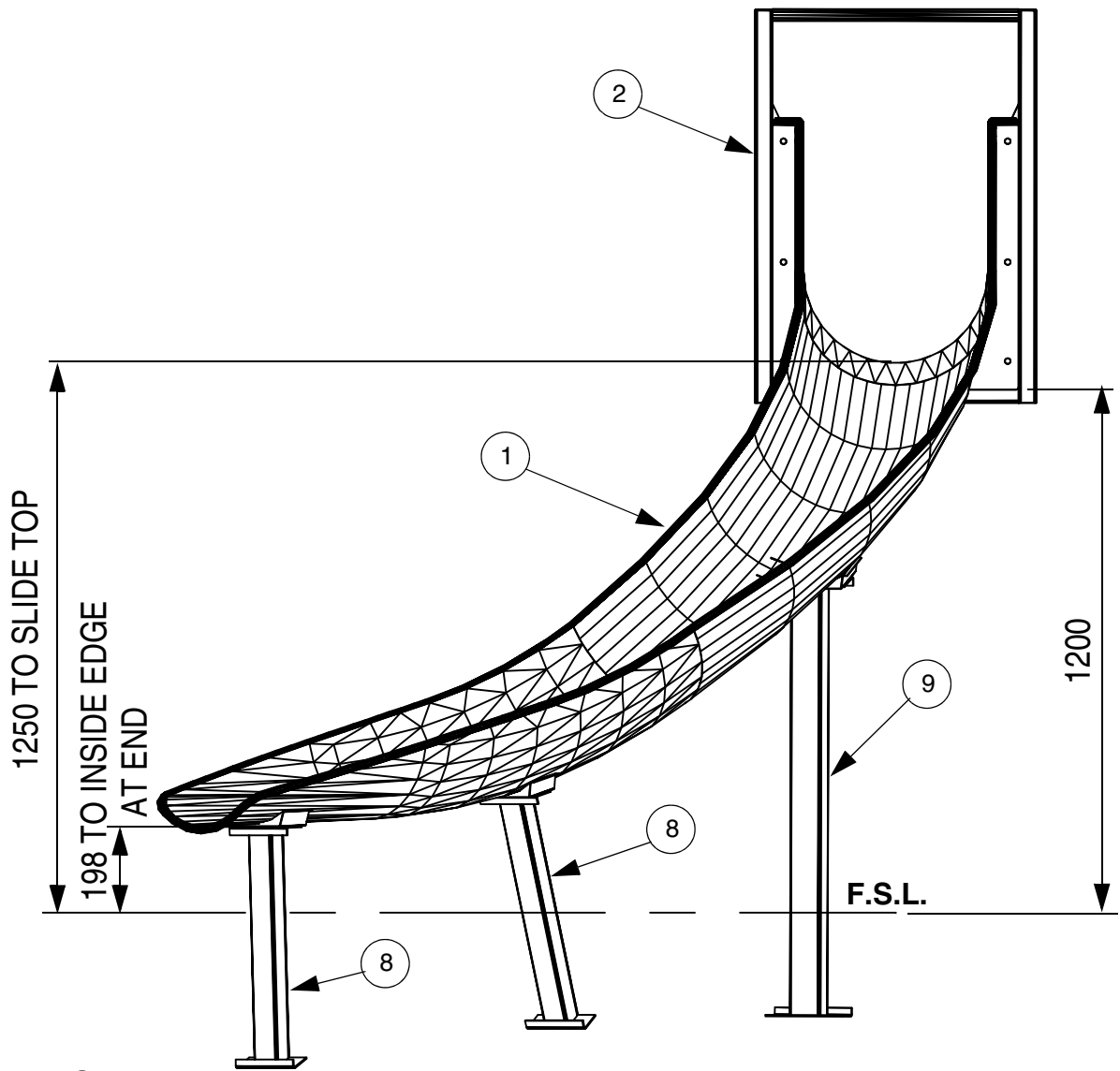


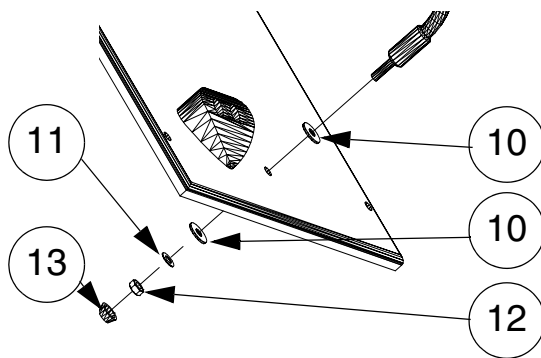
FIG.4

9 PULL UP SCRAMBLER : BRSR12

ITEM	CODE	DESCRIPTION	QTY	WEIGHT (kg)
1	36005010	ARCH ENTRY	1	13.000
2	36008010	SCRAMBLER FRAME	1	18.000
3	36008020	SCRAMBLER PANEL	1	17.000
4	36008021	SCRAMBLER ROPE FIXING	1	0.250
5	36008030	SCRAMBLER ROPE	1	1.000
6	15715000	COUPLING LINK	1	0.100
7	10121040	RESISTORX HEAD M10 x 40	9	0.037
8	10121030	RESISTORX HEAD M10 x 30	8	0.028
9	10291000	WASHER-PLAIN-M10	16	0.005
10	10309999	WASHER-HEAVY DUTY-M10	4	0.011
11	10301200	SHAKE PROOF WASHER	1	0.002
12	10271000	HEX NUT	1	0.002
13	10411000	ARMOUR RING M10	1	0.002
BELOW GROUND EXTENSIONS				
14	SSGIL	GROUTING IN LUG	2	2.200

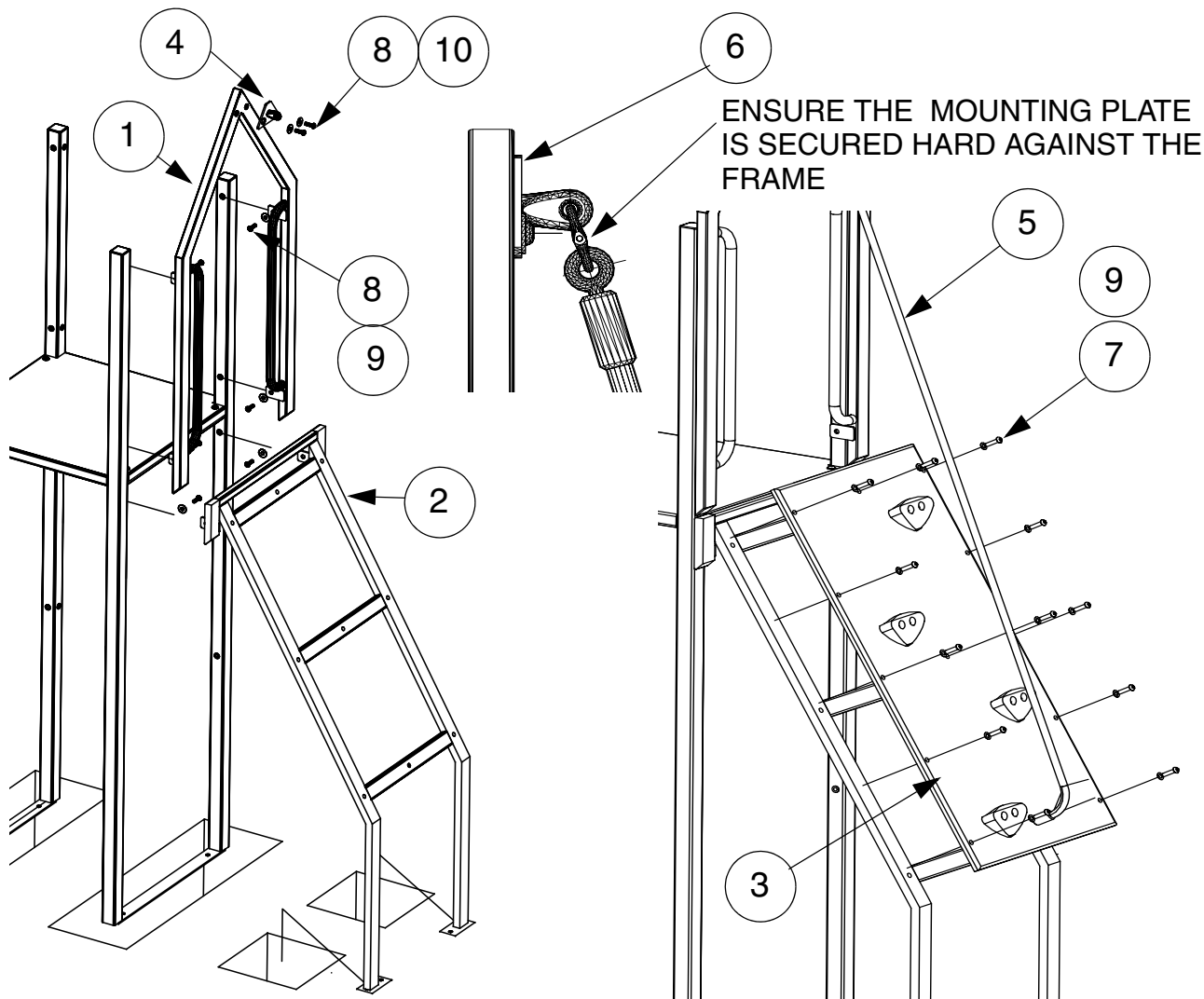
NOTES:

- i) Mark out holes and excavate.
- ii) Assemble item 1 & item 2 to H frame (6-off items 8 & 9).
- iii) Attach item 4 to item 1. (2-off items 8 & 10).
- iv) Secure item 3 to item 2 (12-off items 7 & 9).
- v) Attach item 5 to item 3 (2-off item 10, 1-off item 11 & 1-off item 12)
- vi) Fit item 13 over item 12
- vii) Attach item 5 to item 4 (1-off item 6)



NOTE: SCRAMBLER PANEL 36008020 INCLUDES THE FOLLOWING COMPONENTS

CODE	DESCRIPTION	QTY	WEIGHT (kg)
91070241	CLIMB WALL GRIP No 1	4	1.000



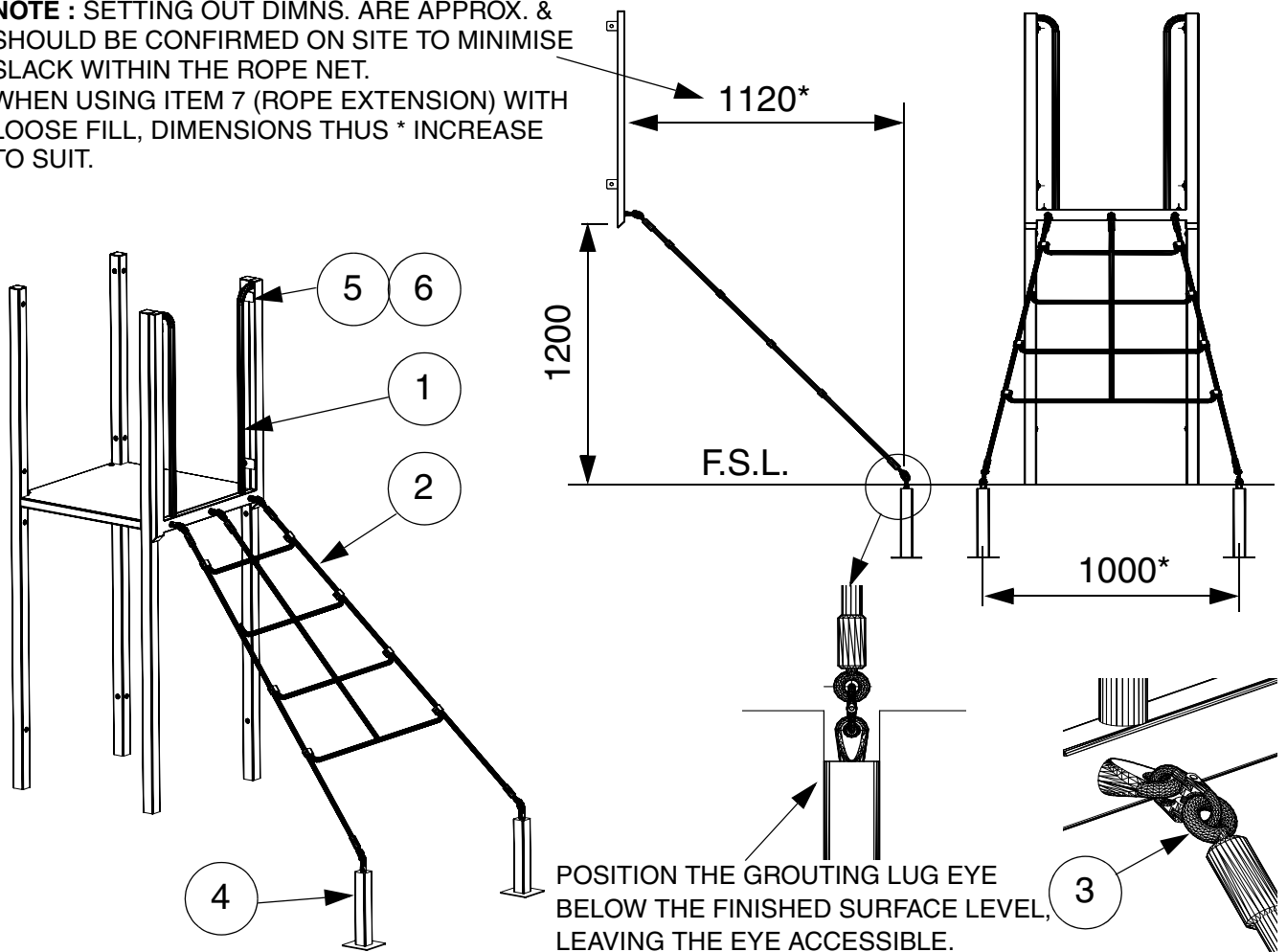
10 ROPE CLIMBER : BRRC12

ITEM	CODE	DESCRIPTION	QTY	WEIGHT (kg)
1	36003080	ROPE RAMP ENTRY FRAME	1	13.000
2	32605951	RAMP ROPE	1	5.000
3	15715000	COUPLING LINK	5	0.100
4	45043063	TWIST CLIMBER GROUTING LUG	2	3.600
5	10121030	RESISTORX HEAD M10 x 30	4	0.028
6	10291000	PLAIN WASHER M10	4	0.002
EXTENSIONS				
3	15715000	COUPLING LINK	2	0.100
7	45043083	300mm ROPE EXTENSION	2	0.500

NOTES:

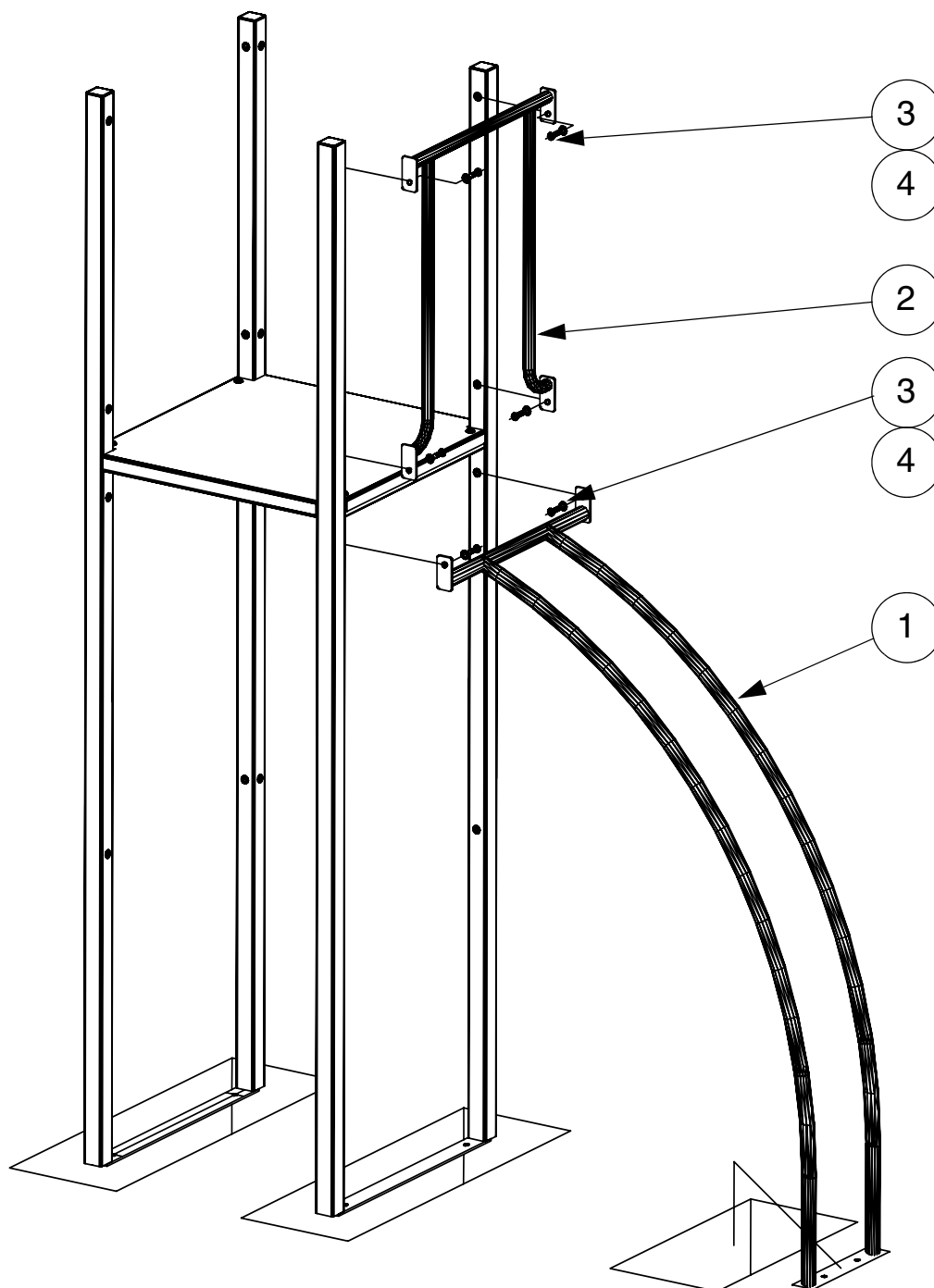
- i) Attach Rope Entry Frame item 1 to top fixing positions on 'H' frame using 2-off M10 x 30 Resistorx bolts item 5 and washers item 6.
- ii) If applicable connect item 7 to item 2.
- iii) Mark out & excavate holes for item 4 noting the setting dimensions. Pull the base of item 2 out to minimise sagging on the lowest strand.
- iv) To ease assembly of item 1 to item 2, gently hinge the lower section of item 1 forwards. Attach item 2 to item 1 using item 3.
- v) Secure bottom fixing positions on item 1 to the lower fixings on 'H' frame using 2-off M10 x 30 Resistorx bolts item 5 and washers item 6. The ramp may then be pulled tight with the tightening of the lower section of item 2 back against the tower. (Take care not to over tension so as pre-stresses are introduced)
- vi) To remove the rope ramp, undo the bottom fixing positions on item 1 and 'pivot' outwards to lose any tension in item 2, then remove item 3.

NOTE : SETTING OUT DIMNS. ARE APPROX. & SHOULD BE CONFIRMED ON SITE TO MINIMISE SLACK WITHIN THE ROPE NET. WHEN USING ITEM 7 (ROPE EXTENSION) WITH LOOSE FILL, DIMENSIONS THUS * INCREASE TO SUIT.



11 PARALLEL BARS : BRPB12

ITEM	CODE	DESCRIPTION	QTY	WEIGHT (kg)
1	36003090	PARALLEL BARS	1	10.000
2	36003030	GUARD RAIL ENTRY FRAME	1	4.500
3	10121030	RESISTORX HEAD M10 x 30	6	0.028
4	10291000	PLAIN WASHER M10	6	0.002
LOOSE FILL				
5	SSGIL	GROUTING IN LUG	2	2.200



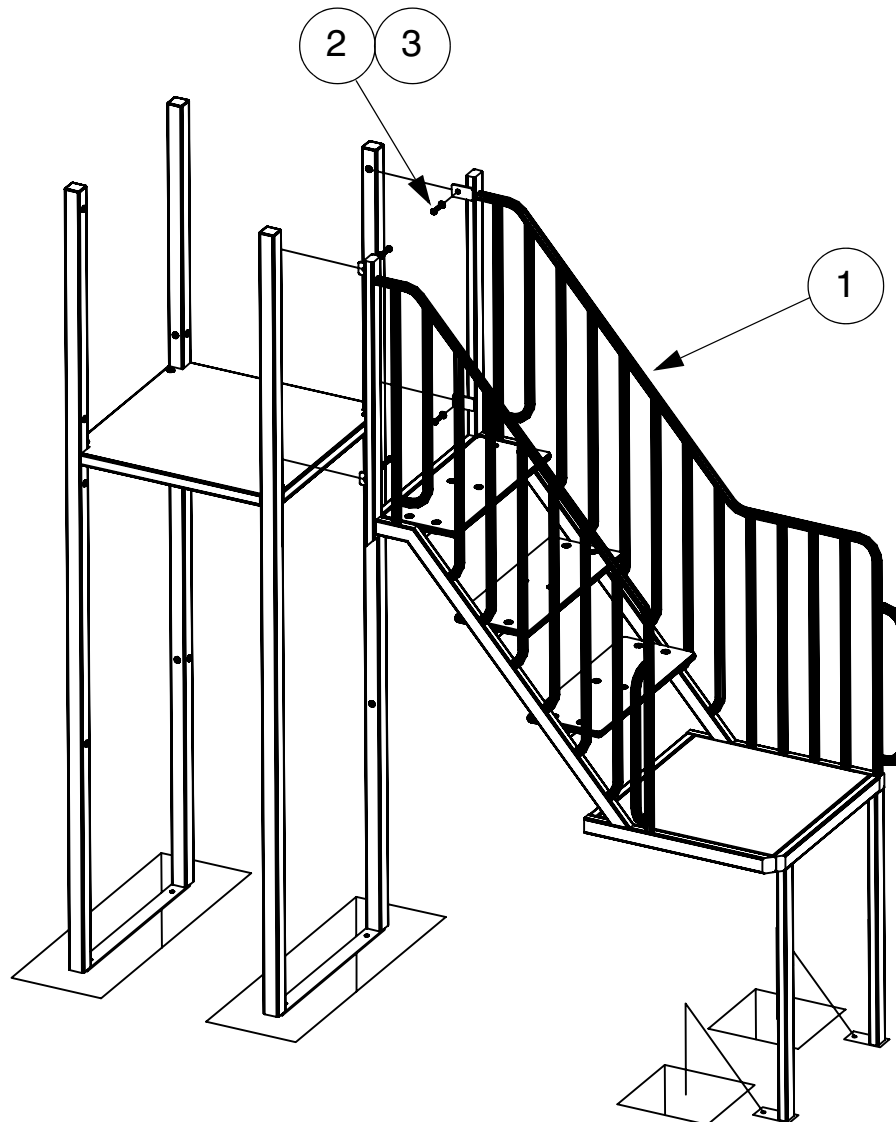
12 WHEELCHAIR TRANSFER MODULE : BRTM12

ITEM	CODE	DESCRIPTION	QTY	WEIGHT (kg)
1	36004010	WHEELCHAIR TRANSFER MODULE	1	75.000
2	10121030	RESISTORX HEAD M10 x 30	4	0.028
3	10291000	PLAIN WASHER M10	4	0.002
LOOSE FILL				
4	SSGIL	GROUTING IN LUG	2	2.200

NOTE: WHEELCHAIR TRANSFER MODULE INCLUDES THE FOLLOWING COMPONENTS:-

CODE	DESCRIPTION	QTY	WEIGHT (kg)
36004011	POLY STEP	3	4.000
10930600	DYNAFIX INSERT M6	18	0.010
10120616	RESISTORX BOLT M6 X 16	18	0.007
10290600	PLAIN WASHER M6	18	0.002

NOTE: ENSURE TOP POLY STEP FITS HARD AGAINST ENTRY FRAME ON ASSEMBLY.(NO GAP)



13 ACCESS RAMP: BRAR12

ITEM	CODE	DESCRIPTION	QTY	WEIGHT (kg)
1	36008101	ACCESS RAMP FRAME	1	40.000
2	36008102	ACCESS RAMP PANEL	2	9.000
3	10121035	RESISTORX HEAD M10 x 35	24	0.032
4	10121030	RESISTORX HEAD M10 x 30	4	0.028
5	10291000	PLAIN WASHER M10	28	0.002

NOTE: ENSURE TOP OF THE TOP ACCESS PANEL FITS HARD AGAINST EDGE OF ACCESS FRAME ON ASSEMBLY. (NO GAP).

