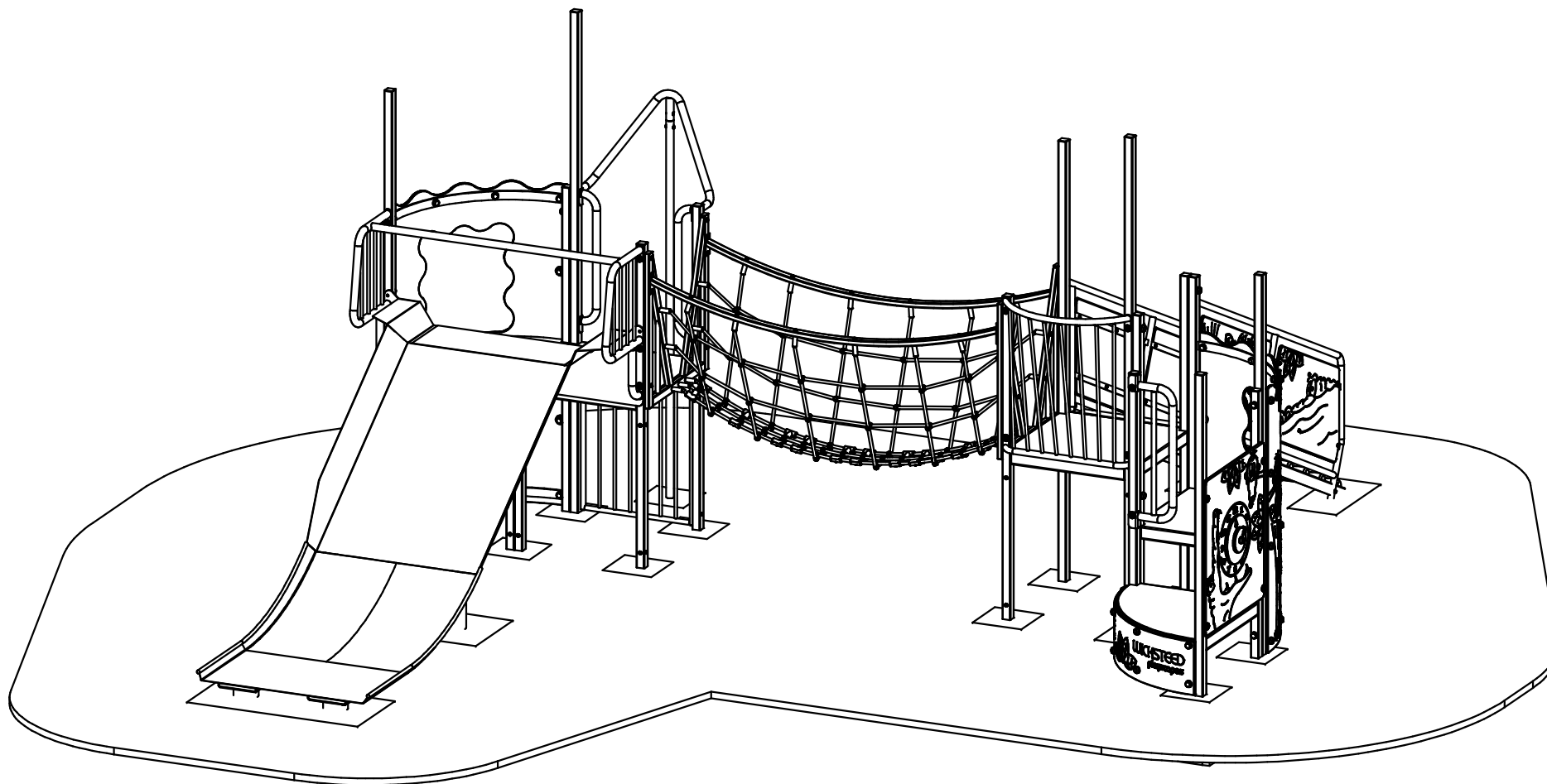


CUSTOMER: 901-MAMB Mamba

ORDER No:

FIXING: Ground



Complied by

AB

Date

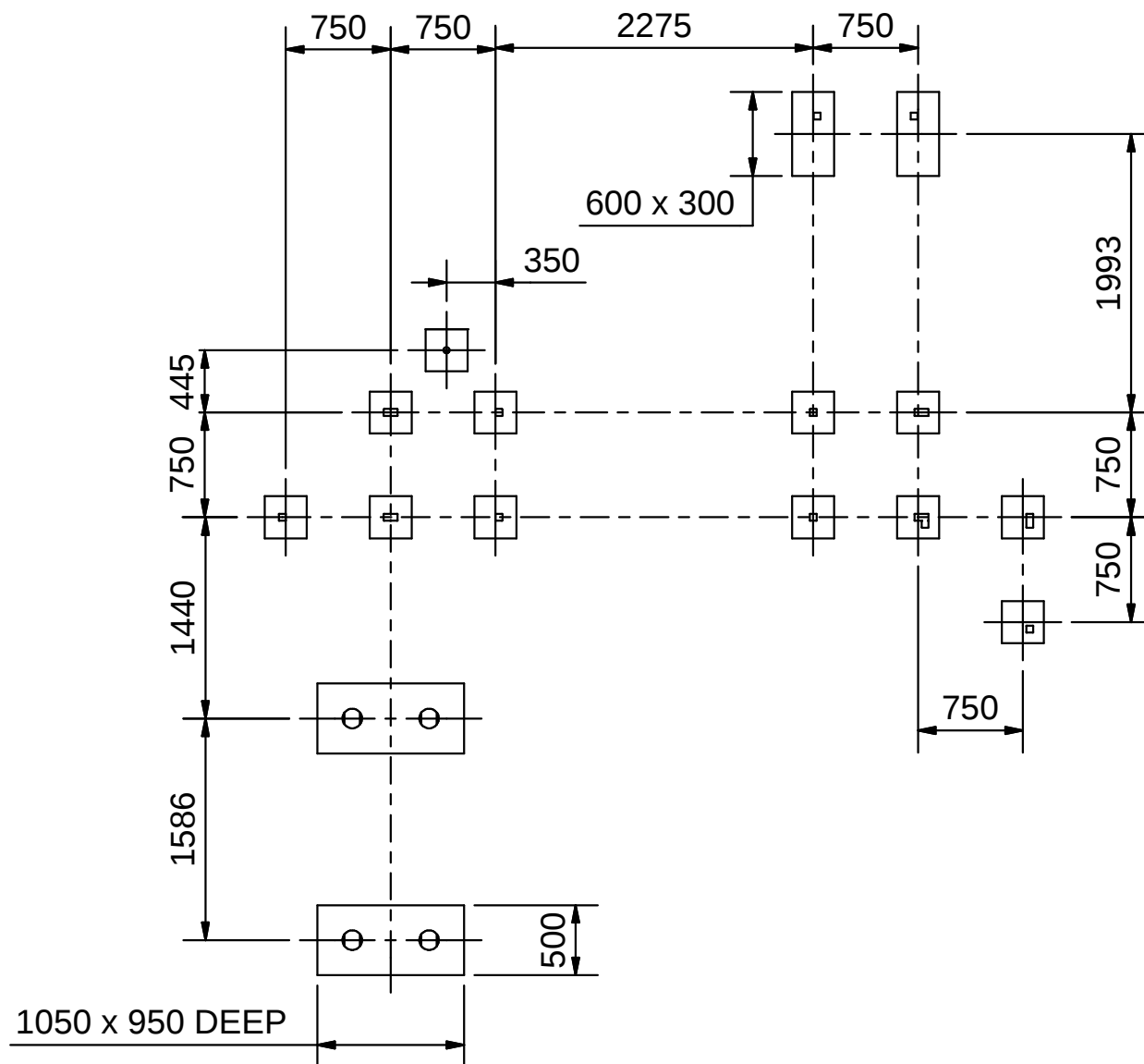
01/05/12

ISSUE	0	1	2
ECN	1655	1663	Minor
DATE	01/05/12	20/07/12	30/10/13
SIGN	AB	AB	DB

CUSTOMER: 901-MAMB Mamba

ORDER No:

FIXING: Ground



All foundations are 300 x 300
unless otherwise stated

All foundations are 375 deep
unless otherwise stated



Complied by

AB

Date

01/05/12

ISSUE

0

1

2

ECN

1655

1663

Minor

DATE

01/05/12

20/07/12

30/10/13

SIGN

AB

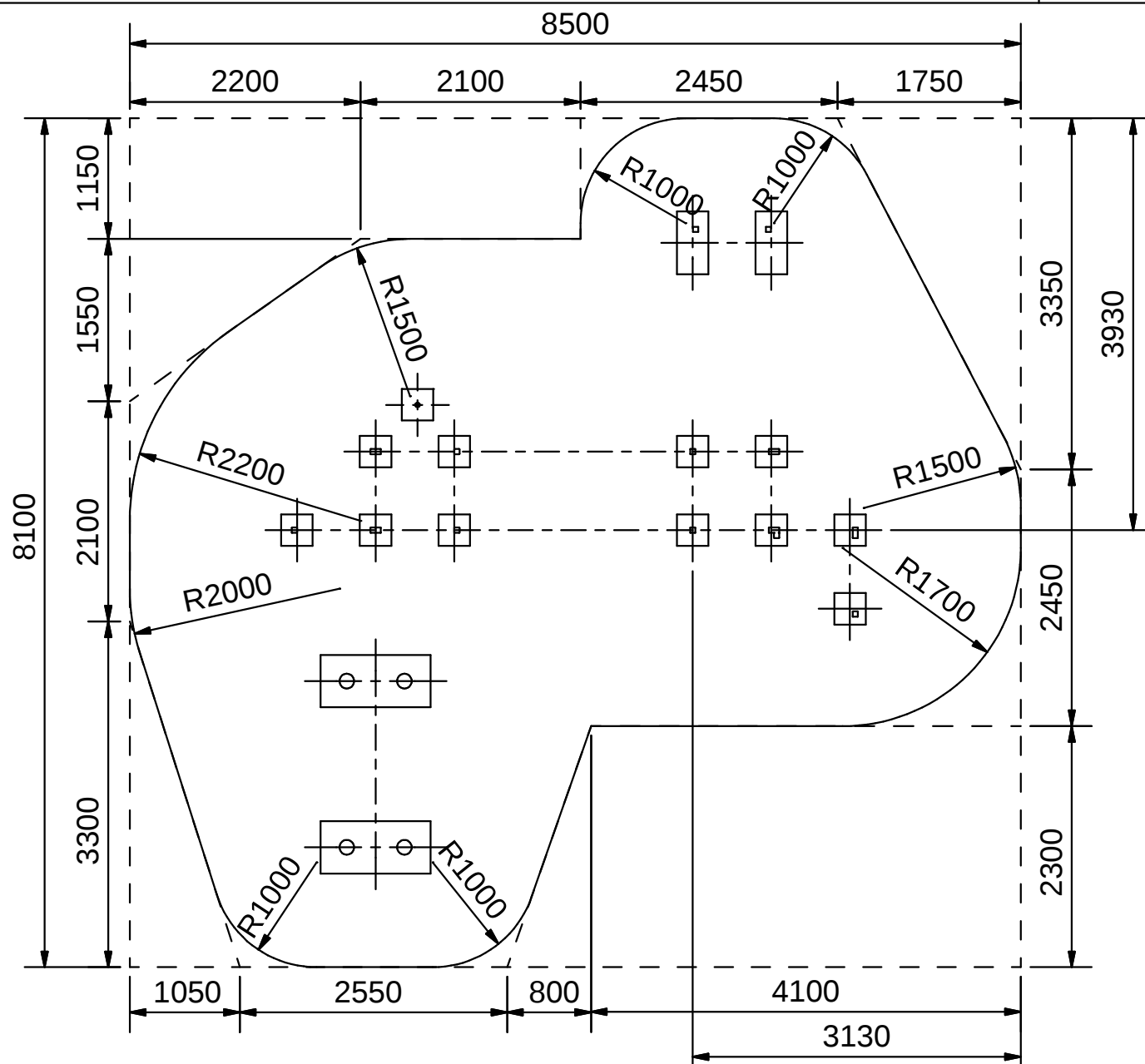
AB

DB

CUSTOMER: 901-MAMB Mamba

ORDER No:

FIXING: Ground



Safety surfacing
46m² of 40mm wetpour
with 27.5m edging



Complied by

AB

Date

01/05/12

ISSUE
ECN
DATE
SIGN

0

1655

01/05/12

AB

1

1663

20/07/12

AB

2

Minor

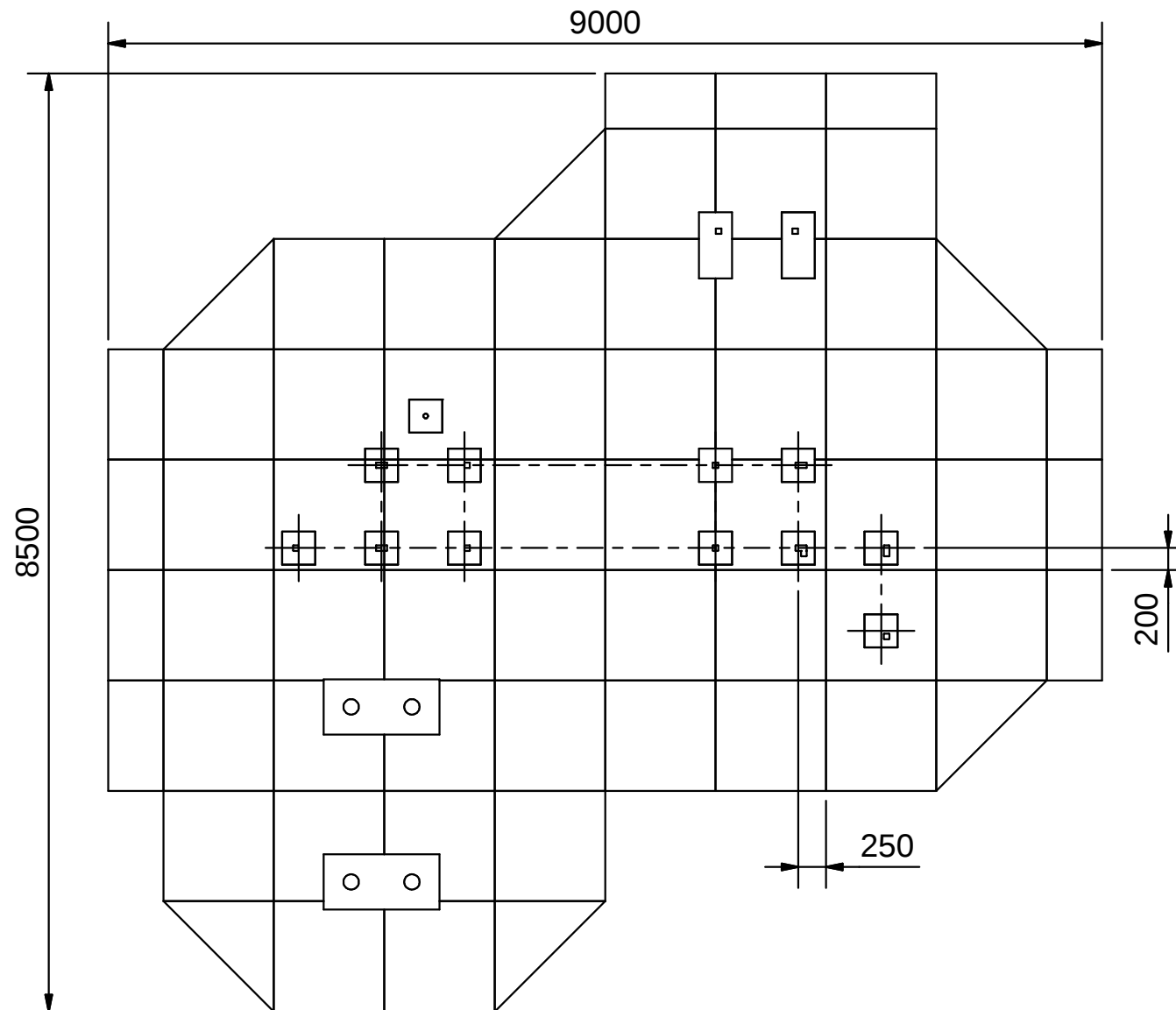
30/10/13

DB

CUSTOMER: 901-MAMB Mamba

ORDER No:

FIXING: Ground



Safety surfacing
 54m² of 33mm tiles
 with 32m edging



Complied by

AB

Date

01/05/12

ISSUE

0

1

2

ECN

1655

1663

Minor

DATE

01/05/12

20/07/12

30/10/13

SIGN

AB

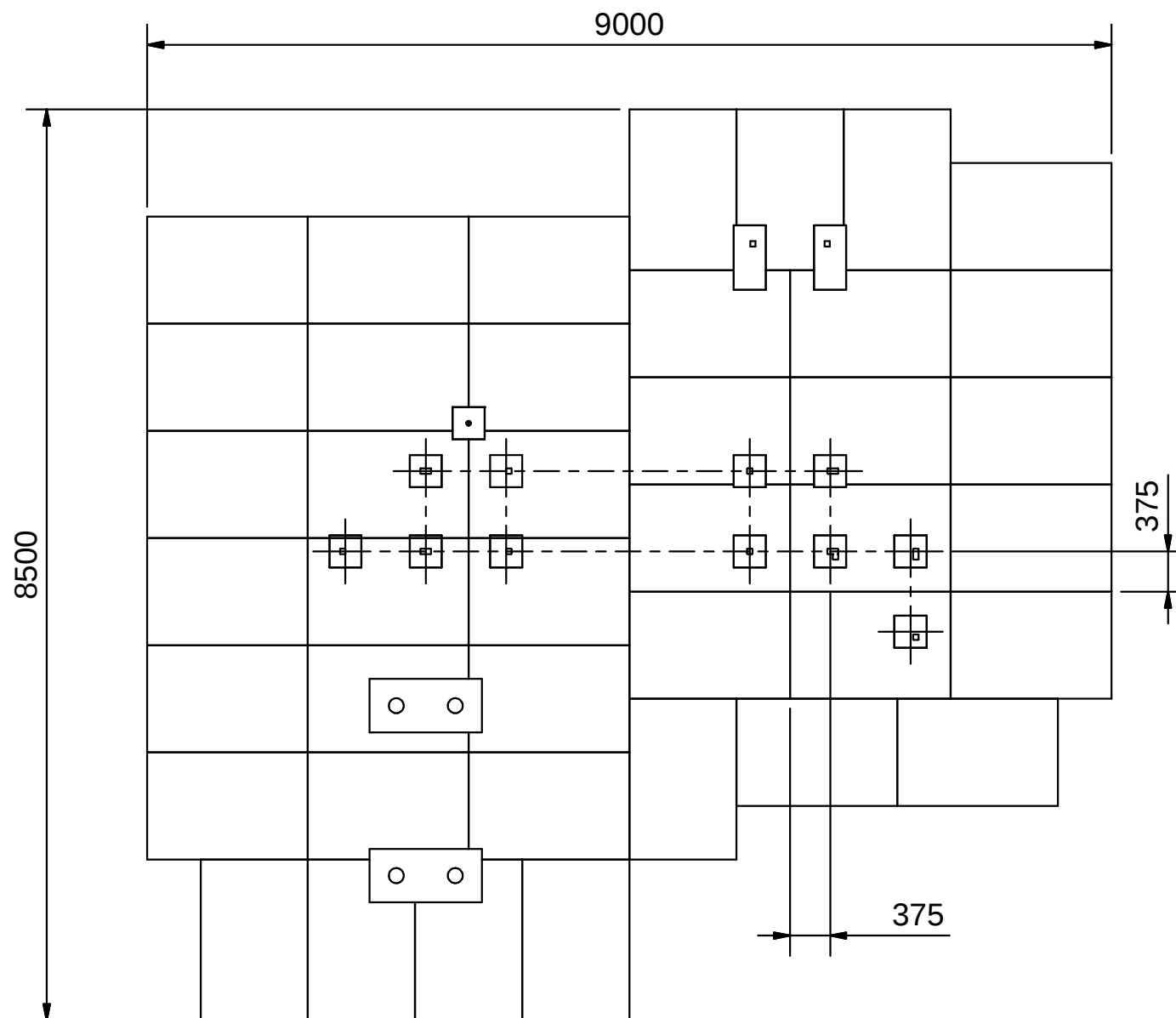
AB

DB

CUSTOMER: 901-MAMB Mamba

ORDER No:

FIXING: Ground



Safety surfacing
41 grassmats (1m x 1.5m)



Complied by

AB

Date

01/05/12

ISSUE

0

1

2

ECN

1655

1663

Minor

DATE

01/05/12

20/07/12

30/10/13

SIGN

AB

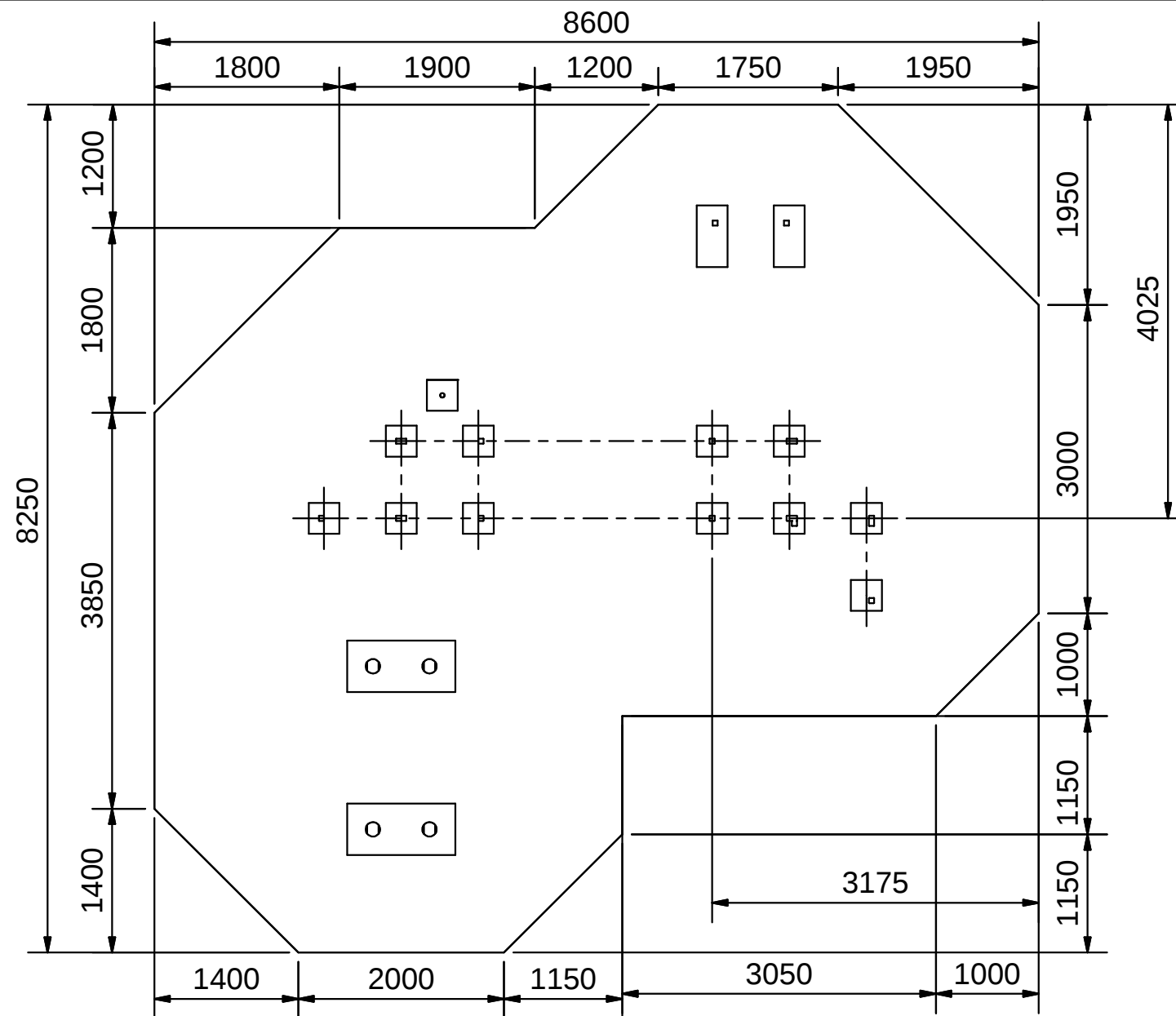
AB

DB

CUSTOMER: 901-MAMB Mamba

ORDER No:

FIXING: Loose-fill



Safety surfacing
51m² of loose-fill area
with 29m edging



Complied by

AB

Date

01/05/12

ISSUE
ECN
DATE
SIGN

0

1655

01/05/12

AB

1

1663

20/07/12

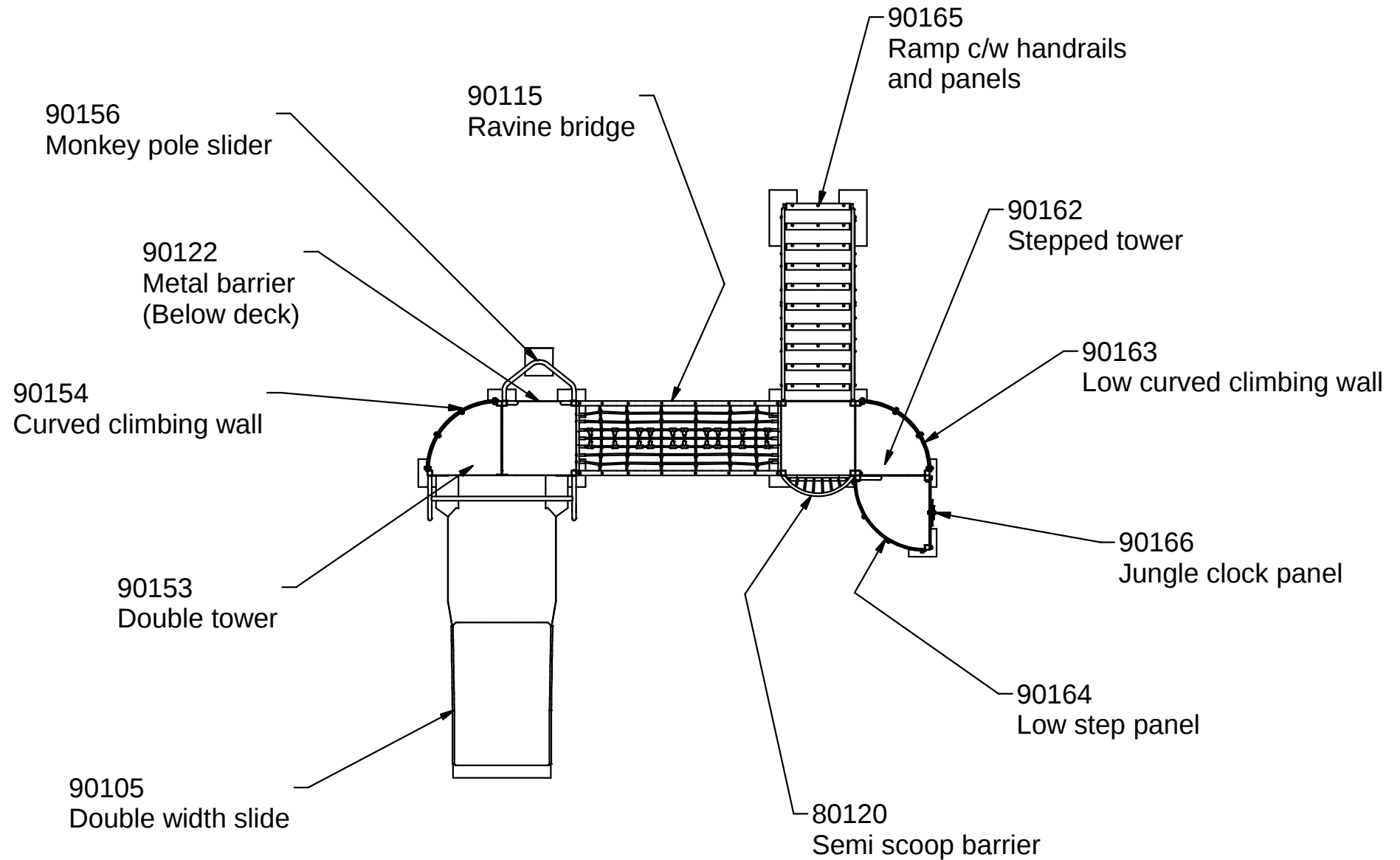
AB

2

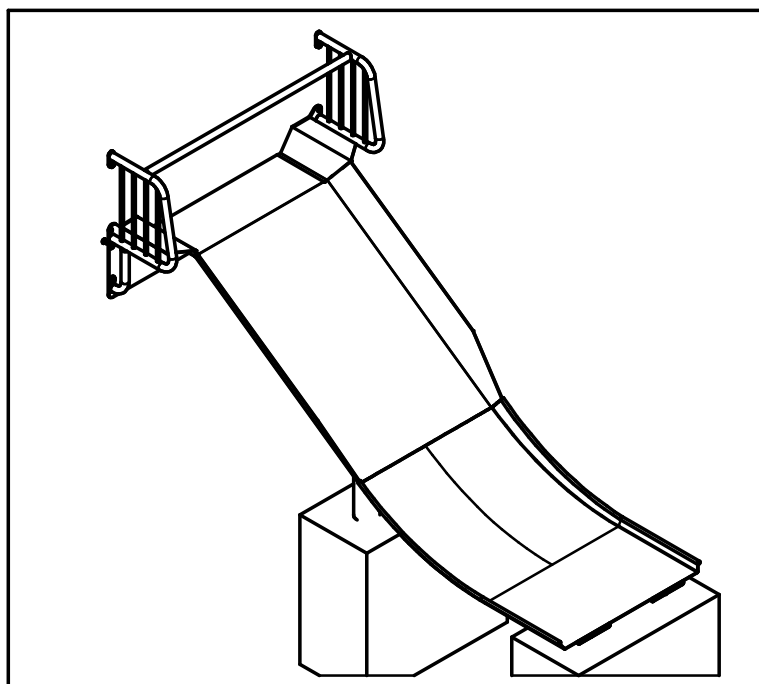
Minor

30/10/13

DB



	Complied by	AB	ISSUE	0	1	2							
			ECN	1655	1663	Minor							
	Date	01/05/12	DATE	01/05/12	20/07/12	30/10/13							
			SIGN	AB	AB	DB							



Tropica	
Double Width Slide	
PROD. CODE	90105
SIZE	1980 x 1550 x 3122mm
AGE RANGE	Up to 8 years
F/ FALL HEIGHT	1200mm
HEAVIEST PART	62 Kg Approx
TOTAL WEIGHT	90 Kg Approx
	

SPECIFICATION

Chute made from 2mm stainless steel sheet.
 Guardrail made from 32mm nominal bore tube to BS 1387.
 Pedestals made from circular hollow section to BS 4848.
 Fixings are anti-vandal and plated for weather protection.
 Welds are copper free conforming to 2901 AIB for mild steel.
 Low lead polyester powder paint to BS EN 71.

INSTALLATION INSTRUCTIONS

In accordance with 6.1.3 EN1176-1:2008 we recommend that slides do not face south or near due south due to heat build up.

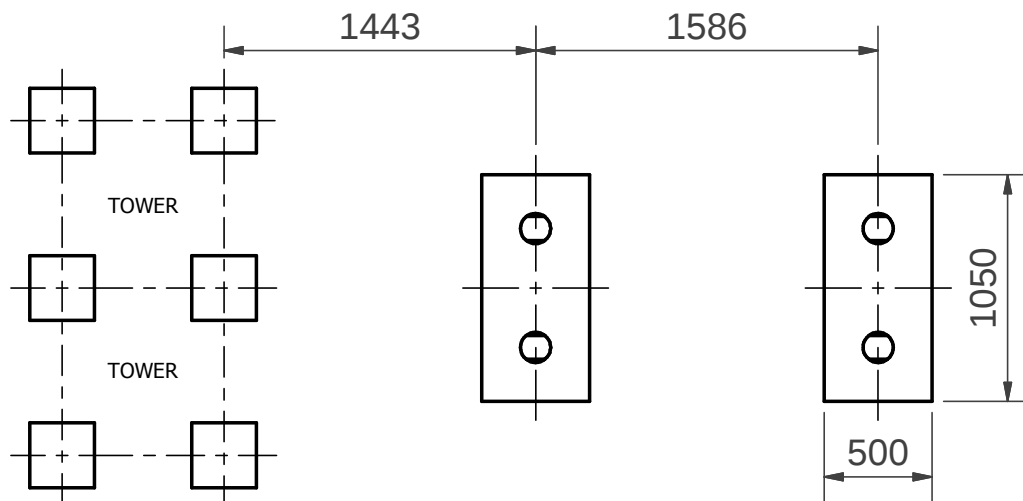
1. Read all instructions thoroughly before commencing installation of unit.
2. Do not tighten fastenings until the unit is completely assembled.
3. Excavate foundations as per the foundation plan.
4. Place pedestals in the foundations and prop up in position.
5. Ensuring pedestals are plumb, square and upright, and at the correct height and centre of the dimensions, backfill foundations with concrete.
6. Allow 48 hours of drying time before fixing slide to pedestals.

Note M8 bolts to be torqued to 18 Nm (13lbft). M10 bolts to be torqued to 34 Nm (25lbft).
 M12 bolts to be torqued to 55 Nm (40lbft). All protruding screw threads to be peened over to remove sharp edges. Lifting aid will be required when installing this peice of equipment.

Note All installation aids to be removed before first use!

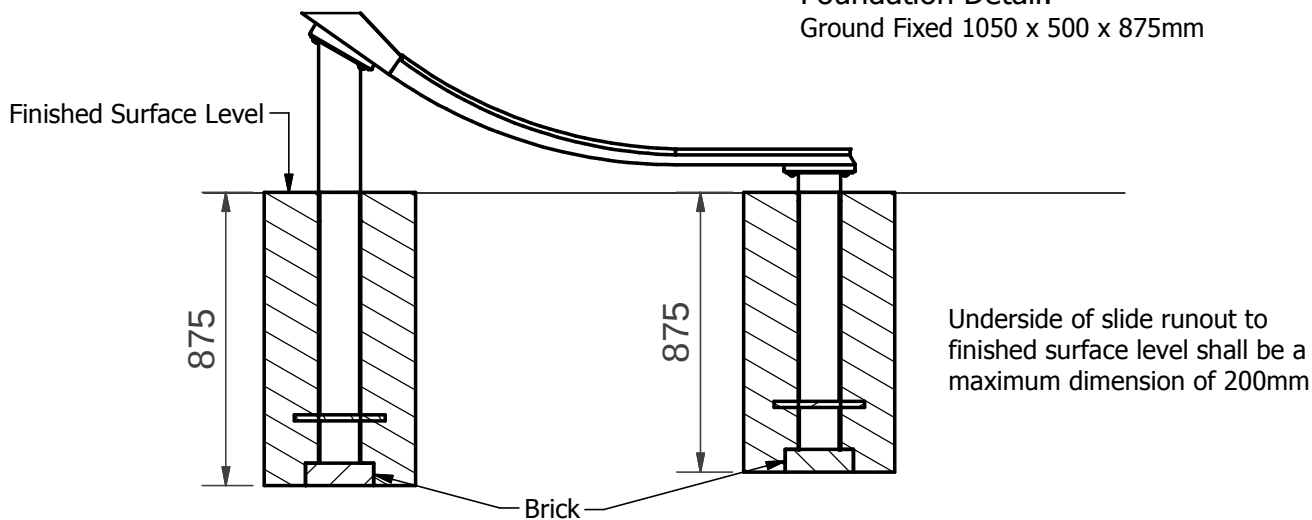
Foundation Detail

(Care must be taken under abnormal conditions)



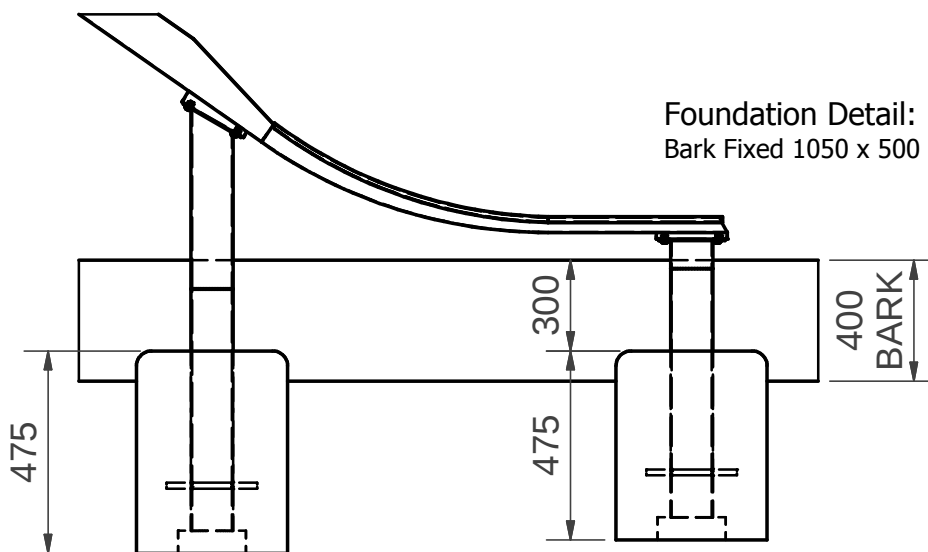
Foundation Detail:

Ground Fixed 1050 x 500 x 875mm

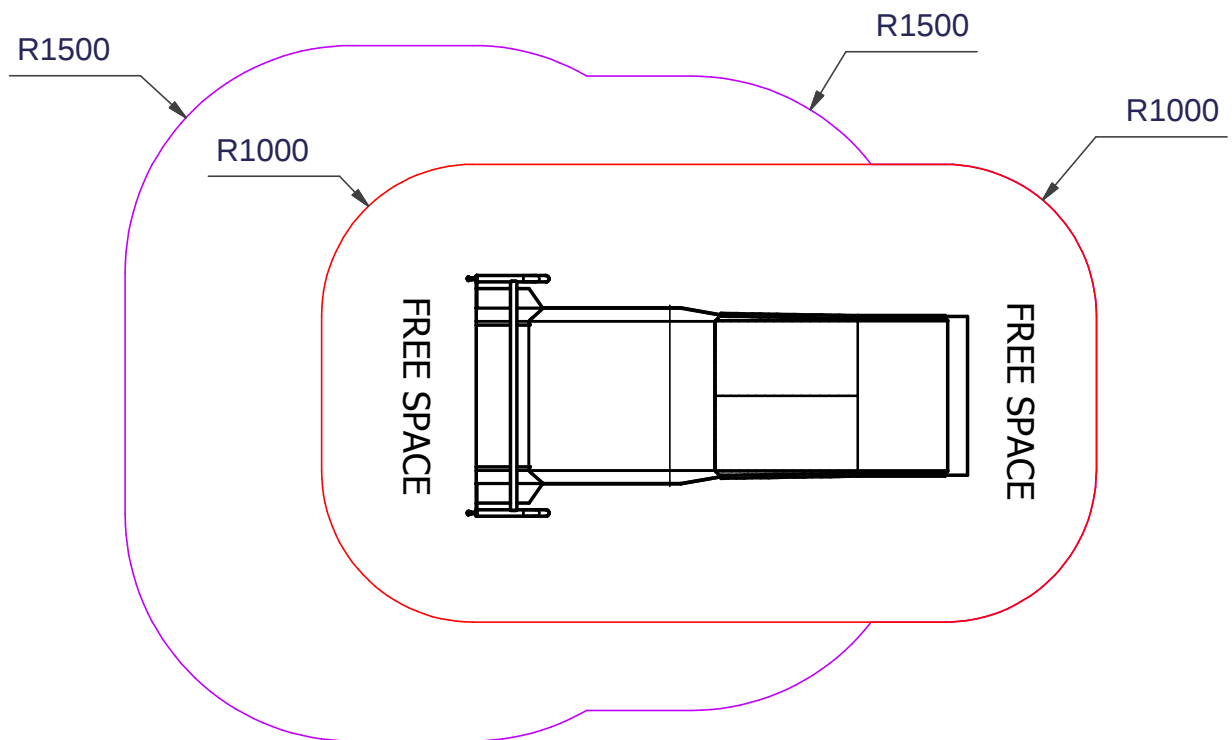


Foundation Detail:

Bark Fixed 1050 x 500 x 475mm

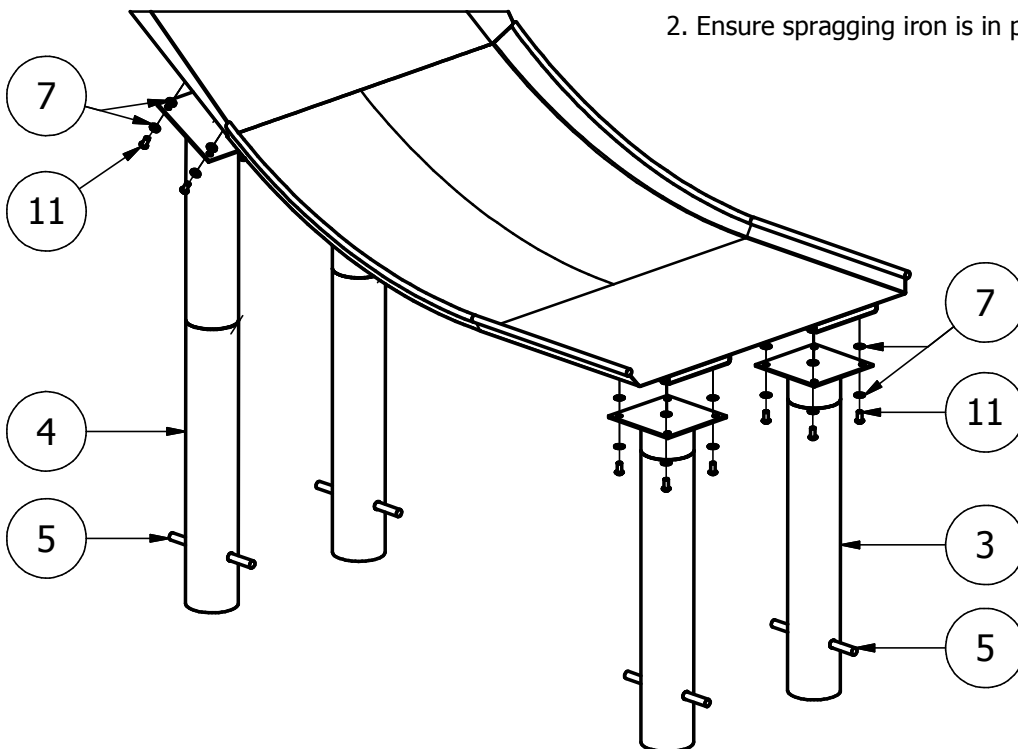


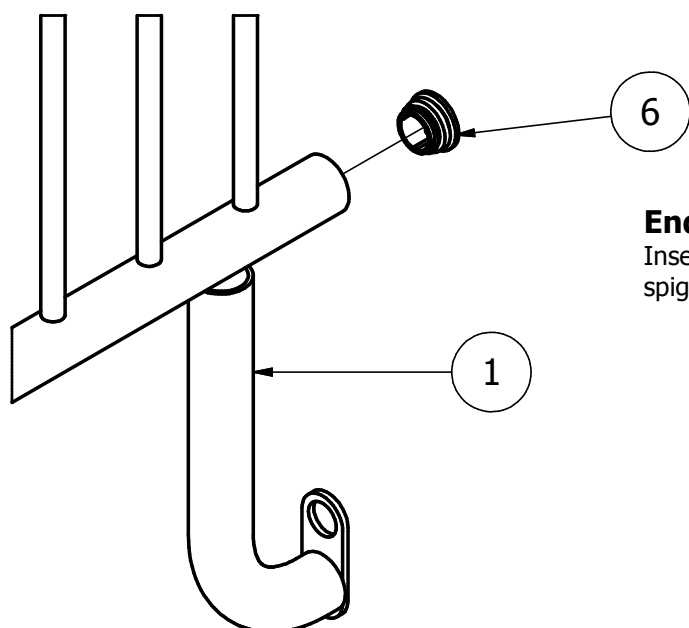
Surfacing & Free Space Detail



Fixing pedestals to chute:

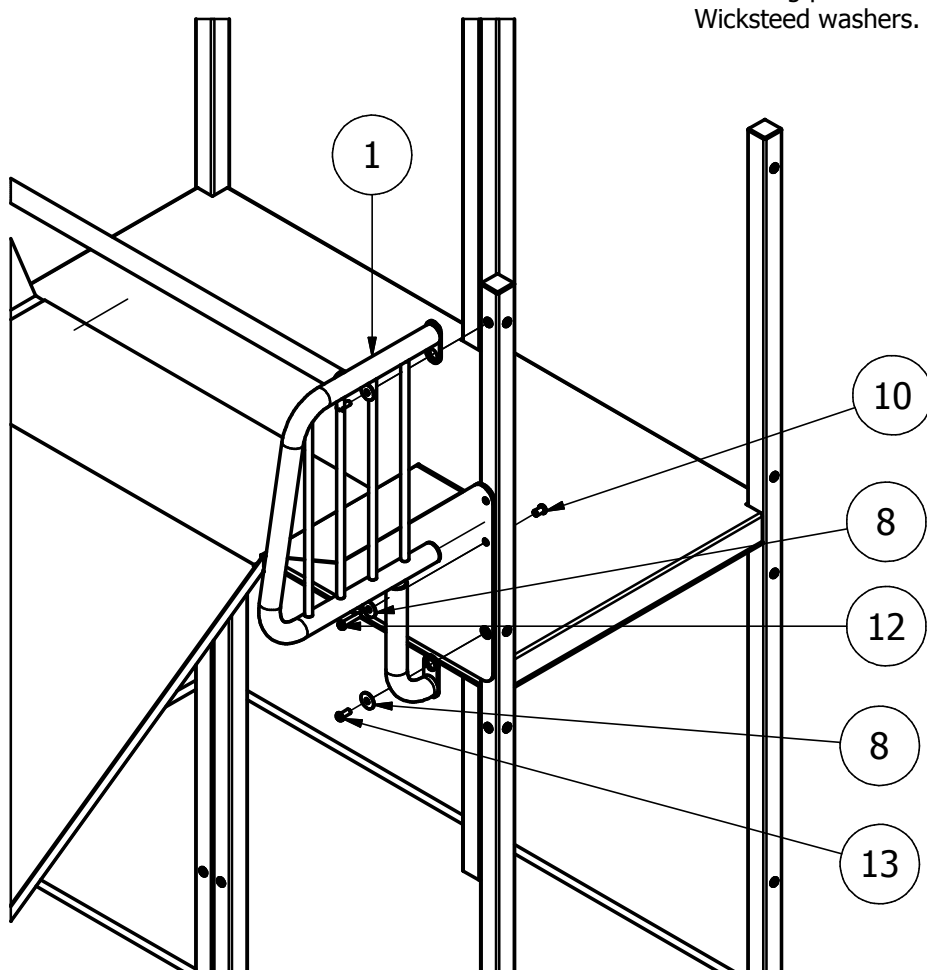
1. To fit pedestals to chute use M12 x 25mm Lg Pent Button Head Screws, placing a M12 fibre washer either side of the pedestal top plate.
2. Ensure spragging iron is in place before.





End Plug Detail

Insert the two plastic end plugs into slide barrier spigots before securing to slide and tower.



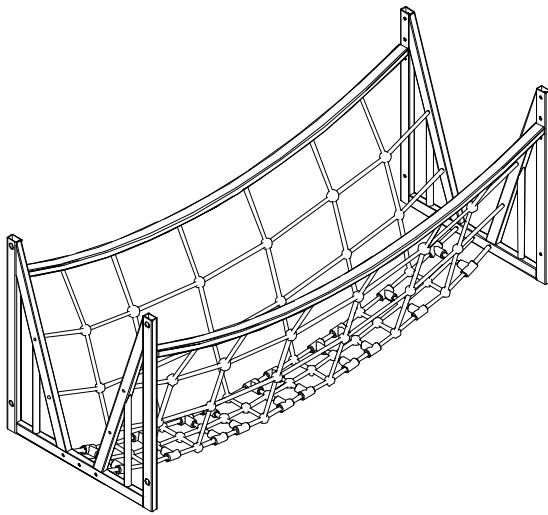
Fixing Detail to Tower

Attach slide and barrier to tower using M10 x 25mm Lg pent button head screws and M10 Wicksteed washers.

Parts List			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	90105-02	DOUBLE WIDTH SLIDE BARRIER
2	1	90105-01	CHUTE ASSEMBLY
3	2	4013-038	PEDESTAL SUPPORT LEG - RUNOUT
4	2	4013-037	PEDESTAL SUPPORT LEG - MIDDLE
5	4	3031-011	SPRAGGING IRON
6	2	2611-005	END PLUG (1¼ NB)
7	32	2571-013	M12 Fibre Washer
8	6	2215-519	Wicksteed Washer
9	2	2215-509	M12 Plain Washer
10	2	2177-002	M10 Safety Fastener
11	16	2176-176	M12 x 25 Pent Button Head
12	2	2176-129	M10 x 50 Pent Button Head
13	4	2176-126	M10 x 25 Pent Button Head

All spare parts are available from Wicksteed Playscapes on request

COMPILED MH	REV	NEW	1	2	3	4				
	ECN	1396	Minor	Minor	Minor	Minor				
DATE: 13/11/01	SIG.	MH	PG	DB	DB	MC				
	DATE:	13/11/01	29/04/02	12/03/14	15/07/15	18/08/15				



TROPICA

RAVINE BRIDGE

PROD CODE:	90115
SIZE:	800 x 2200 x 910 mm
AGE RANGE:	UP TO 8 YEARS
WEIGHT OF HEAVIEST PART	16 Kg
OVERALL WEIGHT OF UNIT	61 Kg

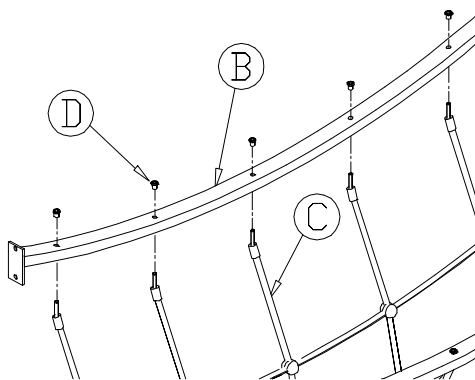
DELIVERY LIST		
Part No.	Description	Qty
90115-01	Bridge end assembly	2
90115-02	Bridge hand rail	2
90115-03	Net assembly	1
	Fixings pack	1

SPECIFICATION

Frame: Made from 50 x 30 mm RHS to BS 4848 part 2, and 20 mm Nominal bore tube to BS 1387.
Net: Made from 16 mm reinforced poly propylene rope at 6 wires/strand.
Welds: Copper free wire conforming to 2901 AIB for mild steel.
Fixings: Anti-vandal and plated for weather protection.
Finish: Low lead polyester powder paint to BS EN 71 part 3.

INSTALLATION INSTRUCTIONS

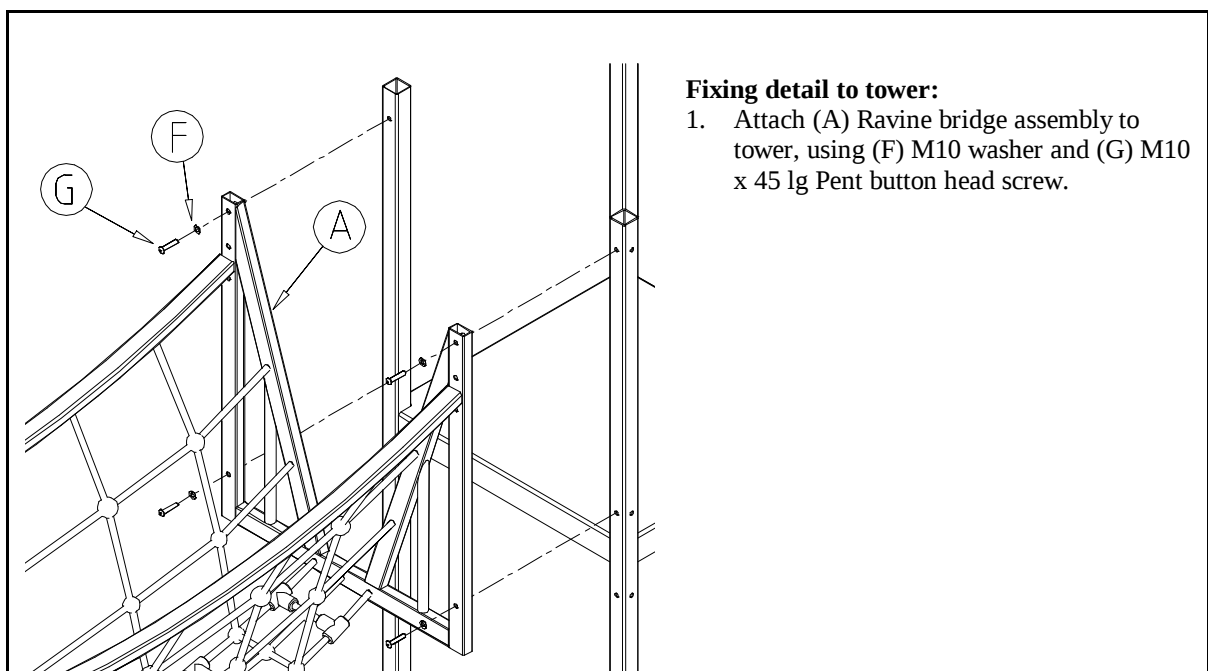
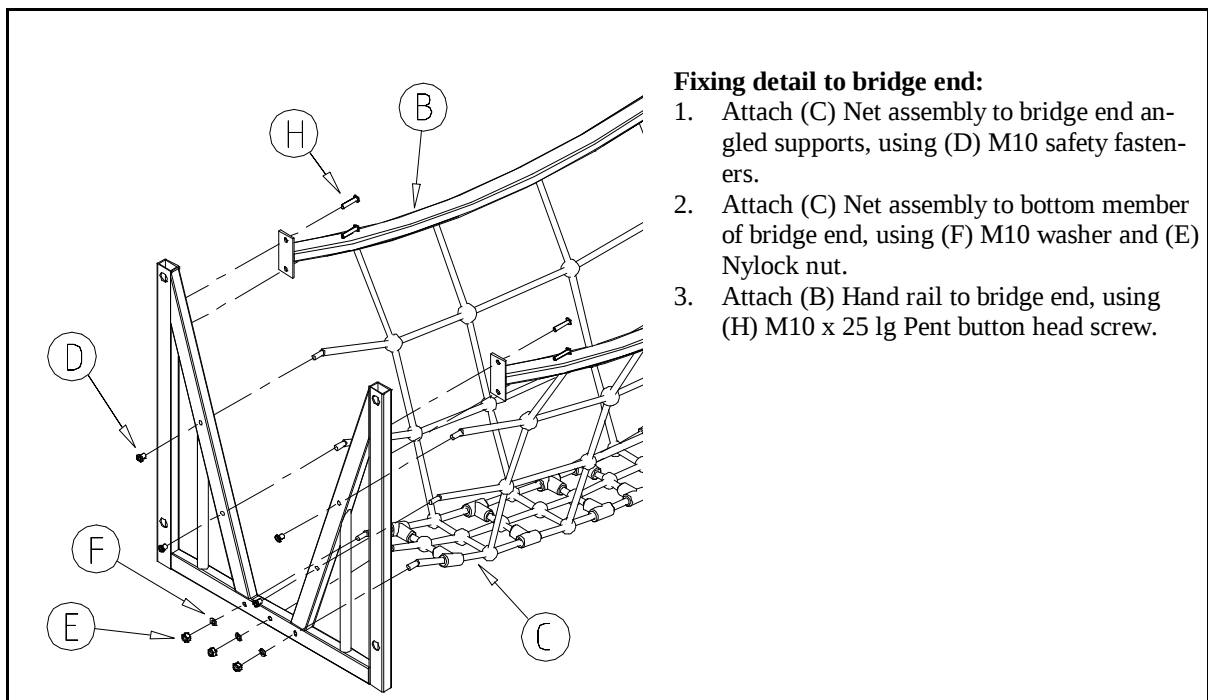
- 1 Read installation instructions through before commencing erection of unit.
- 2 Do NOT tighten fastenings until the unit is completely assembled



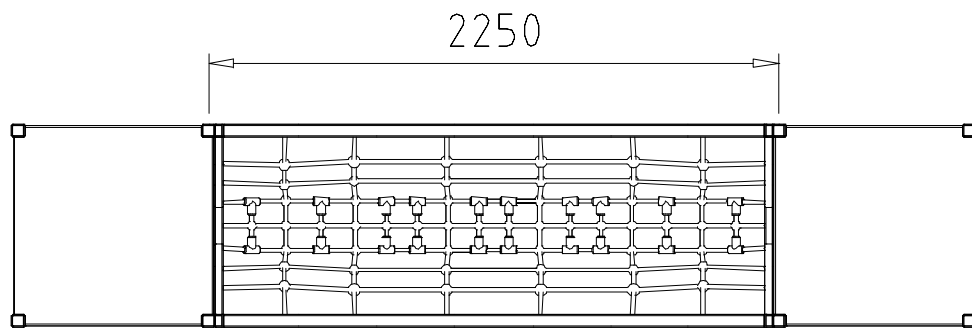
Fixing detail to hand rail:

1. Attach (C) Net assembly to (B) hand rail using (D) M10 safety fasteners.

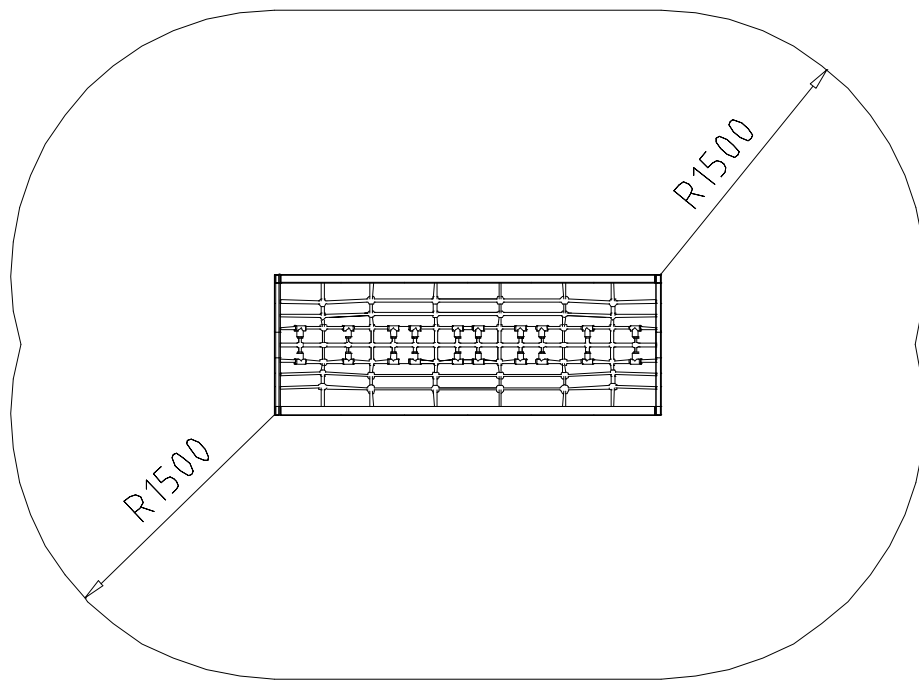
Note: M8 bolts to be torqued to 18 Nm (13lbft.). M10 bolts to be torqued to 34 Nm (25lbft)
 M12 bolts to be torqued to 55 Nm (40lbft). All protruding screw threads to be peened
 over to remove sharp edges. Lifting aid may be required when installing this piece of equipment.



FIXING DISTANCE BETWEEN TOWERS



MINIMUM SPACE



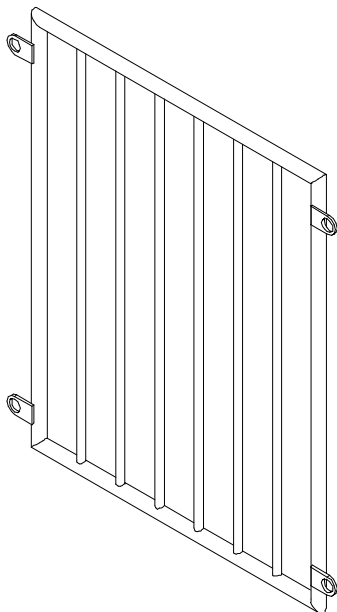
Note:-Ensure all installation aids are removed before first use.

REF	QTY	DESCRIPTION	PART No
A	2	Bridge end assembly	90115-01
B	2	Hand rail assembly	90115-02
C	1	Net assembly	90115-03
D	20	M10 Safety fastener	2177-002
E	6	Nylock nut	2192-508
F	14	M10 washer	2215-508
G	8	M10 x 45 lg Pent button head screw	2176-128
H	8	M10 x 25 lg Pent button head screw	2176-126

For maintenance instructions see separate sheet.

Note:-All spare parts are available from Wicksteed Leisure on request.

	COMPILED:	APPROVED :	REV	NEW				
	MH		ECN	1396				
	DATE:	DATE:	SIG.	MH				
	5/12/01		DATE.	5/12/01				



TROPICA

METAL BARRIER

PROD CODE:	90122
SIZE:	788 x 28 x 910 mm
AGE RANGE:	UP TO 8 YEARS
WEIGHT OF HEAVIEST PART	15 Kg
OVERALL WEIGHT OF UNIT	15 Kg

DELIVERY LIST

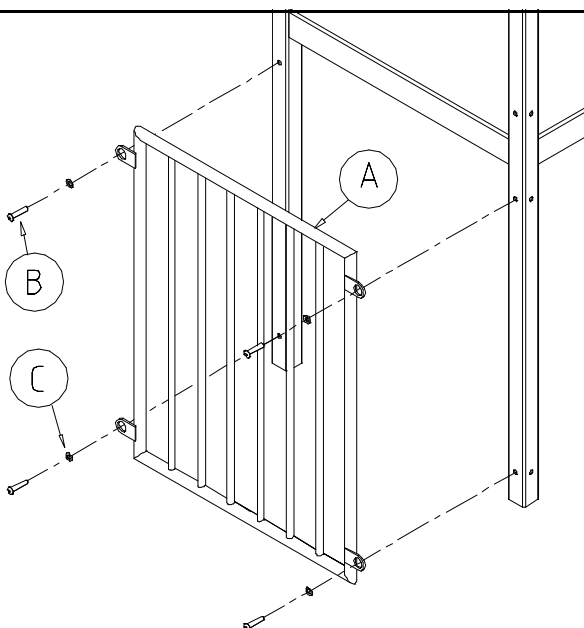
Part No.	Description	Qty
90122-01	Metal Barrier Assembly	1
-	Fixings Pack	1

SPECIFICATION

Barrier:	Made from 20 mm Nominal Bore Tube, medium gauge to BS 1387, infills are 16Ø mm mild steel bar.
Fasteners:	Non standard anti-vandal, plated for weather protection.
Finish:	Low Lead Polyester powder paint to BS EN71 Pt. 3.
Welds:	Copper free wire diameter 1 mm conforming to 2091 AIB for Mild Steel.

INSTALLATION INSTRUCTIONS

- 1 Read installation instructions through before commencing erection of unit.
- 2 Do NOT tighten fastenings until the unit is completely assembled



Fixing detail to tower:

1. Attach (A) Metal barrier to tower using (B) M10 x 25 lg Pent button head screws and (C) M10 Wicksteed washers.

Note:-Ensure all installation aids are removed before first use.

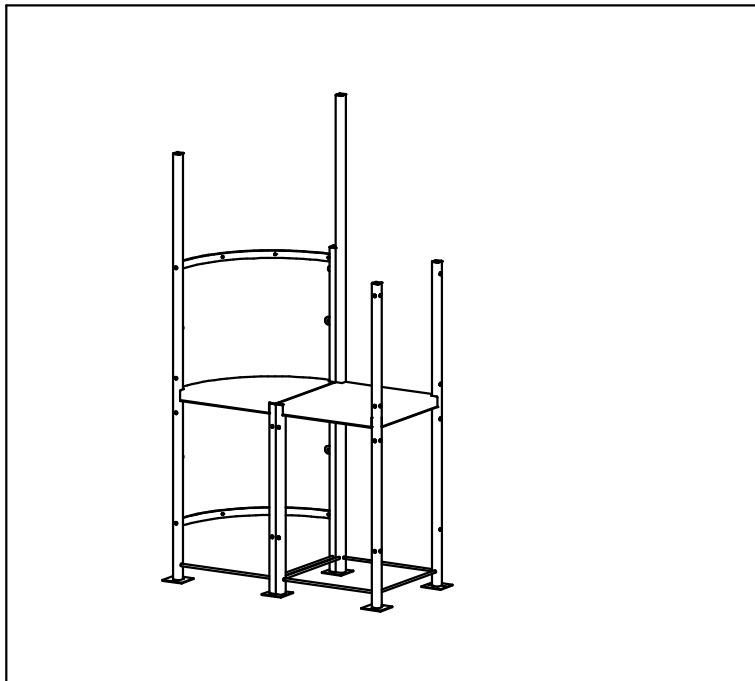
Note: M8 bolts to be torqued to 18 Nm (13lbft.).
M10 bolts to be torqued to 34 Nm (25lbft)
M12 bolts to be torqued to 55 Nm (40lbft).
All protruding screw threads to be peened over to remove sharp edges.

REF	QTY	DESCRIPTION	PART No
A	1	Metal Barrier assembly	90122-01
B	4	M10 x 25 lg Pent button head screws	2176-126
C	4	Wicksteed Washer	2215-519

Note:-All spare parts are available from Wicksteed Leisure on request.

For maintenance instructions see separate sheet.

	COMPILED:	APPROVED :	REV	NEW				
	MH		ECN	1396				
	DATE:	DATE:	SIG.	MH				
	2/11/01		DATE.	2/11/01				



Planet Jungle	
Double Tower	
PROD. CODE	90153
SIZE	0.8 x 1.6 x 3.25
AGE RANGE	
F/ FALL HEIGHT	990mm
HEAVIEST PART	Approx 66.5 kg
TOTAL WEIGHT	Approx 129 kg
	

SPECIFICATION

Solid steel to BS 970 part 1
 Steel RHS to BS 4848 part 2
 3mm Durbar chequer plate
 Welds are from copper-free wire to BS EN 440
 Low lead polyester powder paint to BS 71 part 3

INSTALLATION INSTRUCTIONS

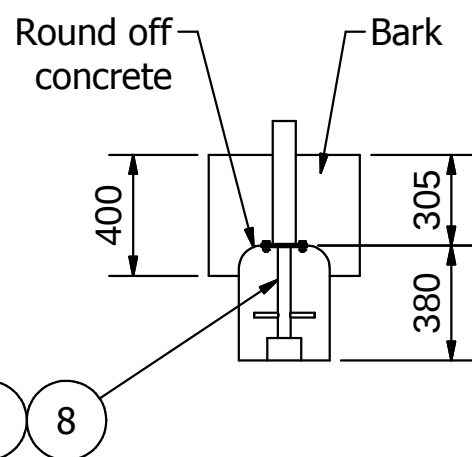
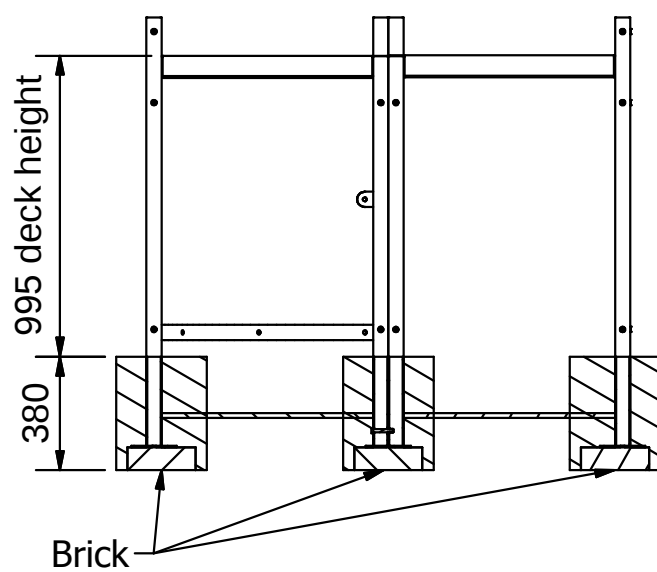
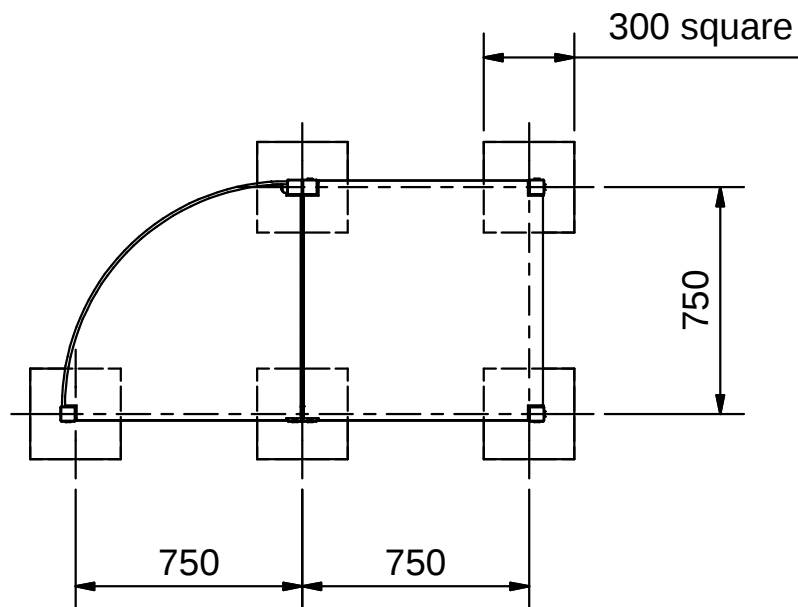
- 1 Read instructions thoroughly before commencing installation of unit
- 2 Excavate foundations as shown in the foundation plan
- 3 Position tower in the excavated foundations on a brick, ensuring it is plumb, square and at the correct height, orientation and distance
- 4 Fix the towers together as shown
- 5 When unit is fully assembled and all fixings secure, back fill the foundations with 0.155m² concrete (4 parts gravel/2 parts sand/1 part cement)
- 6 Allow concrete to set for 48 hours before first use

Note

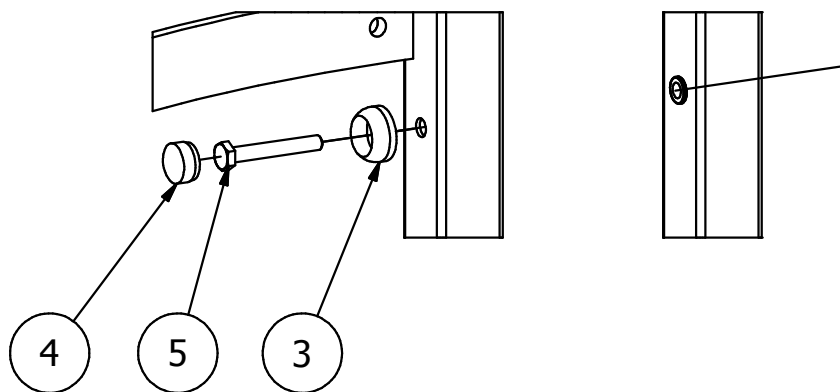
Note ENSURE ALL INSTALLATION AIDS ARE REMOVED BEFORE FIRST USE

Foundations

Care must be taken in abnormal conditions

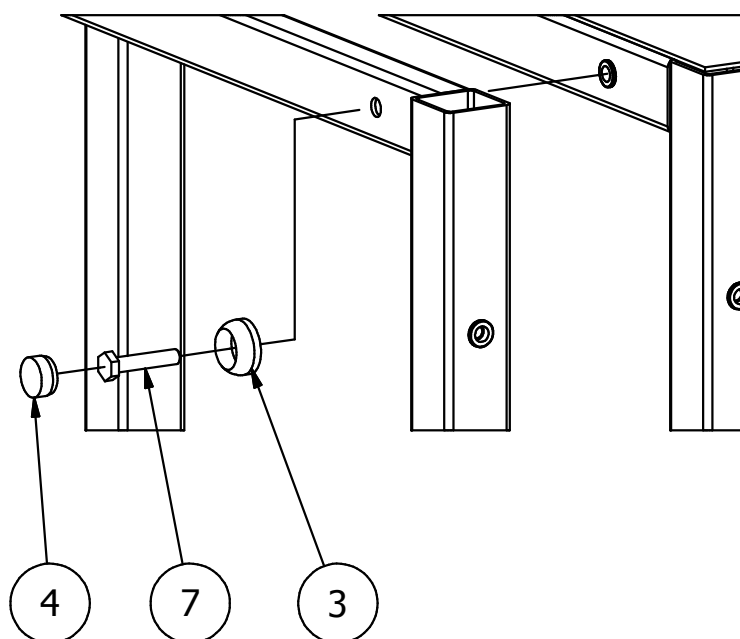


A (1 : 5)

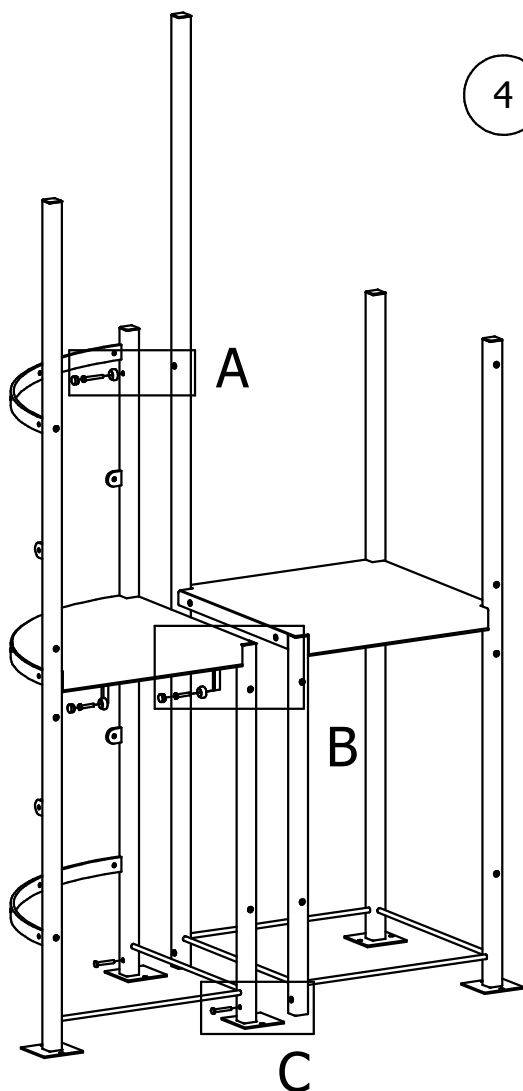
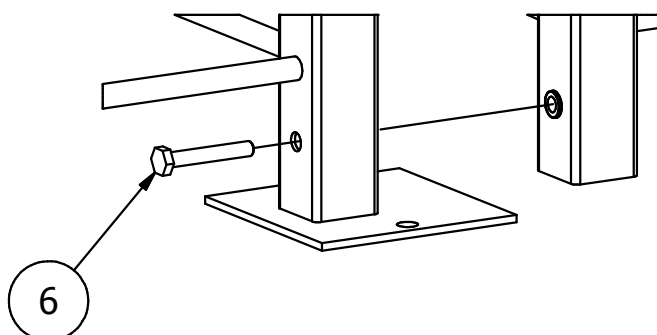


B (1 : 5)

Note - quarter deck not shown



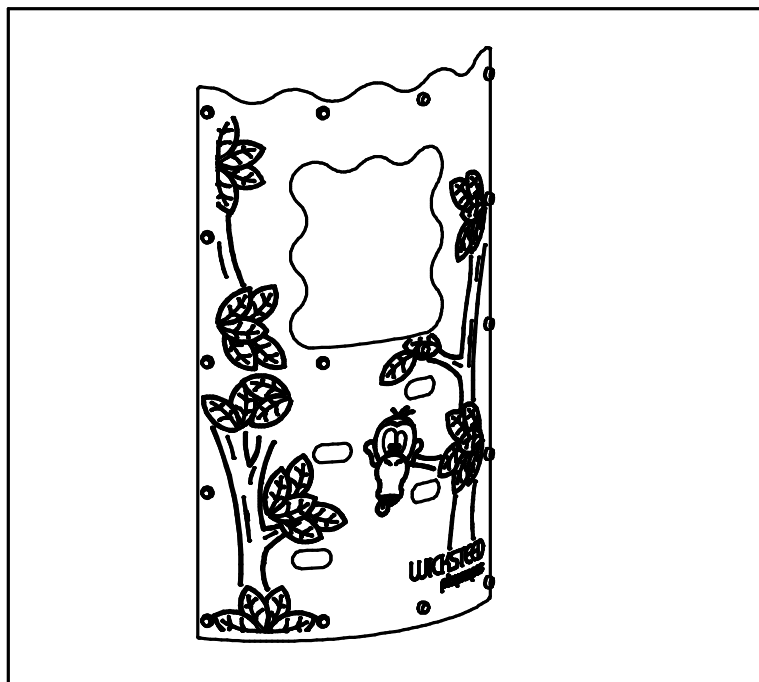
C (1 : 5)



PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	90153-02	DOUBLE TOWER B
2	1	90153-01	DOUBLE TOWER A
3	3	2611-031_Cup	Black Poepplemann Cup
4	3	2611-031_Cap	Black Poepplemann Cap
5	1	2185-042	M10 x 70 HEX HEAD BOLT
6	2	2185-041	M10 x 65 Hex Head Bolt
7	2	2185-038	M10 x 50 Hex Head Bolt

FOR BARK FIX ADD			
ITEM	QTY	PART NUMBER	DESCRIPTION
8	5	5071-003	BELOW GROUND ASSY
9	5	3031-010	SPRAGGING IRON
10	10	2175-134	M12 x 25 LG HEX HD SCREW

COMPILED AB	REV	0	1						
	ECN	1655	Minor						
DATE: 23/04/12	SIG.	AB	DB						
	DATE:	23/04/12	30/10/13						



Planet Jungle	
Curved Climbing Wall	
PROD. CODE	90154
SIZE	1.09 x 0.24 x 1.89
AGE RANGE	6 to Adult
F/ FALL HEIGHT	1.01m
HEAVIEST PART	Approx 22.5 kg
TOTAL WEIGHT	Approx 23.5 kg
	

SPECIFICATION

15mm thick HDPE 100% recyclable

Standard fixings are made to either BS 3692 or BS 4190

Non-standard fixings are anti-vandal and corrosion resistant

INSTALLATION INSTRUCTIONS

- 1 Read instructions thoroughly before commencing installation of unit

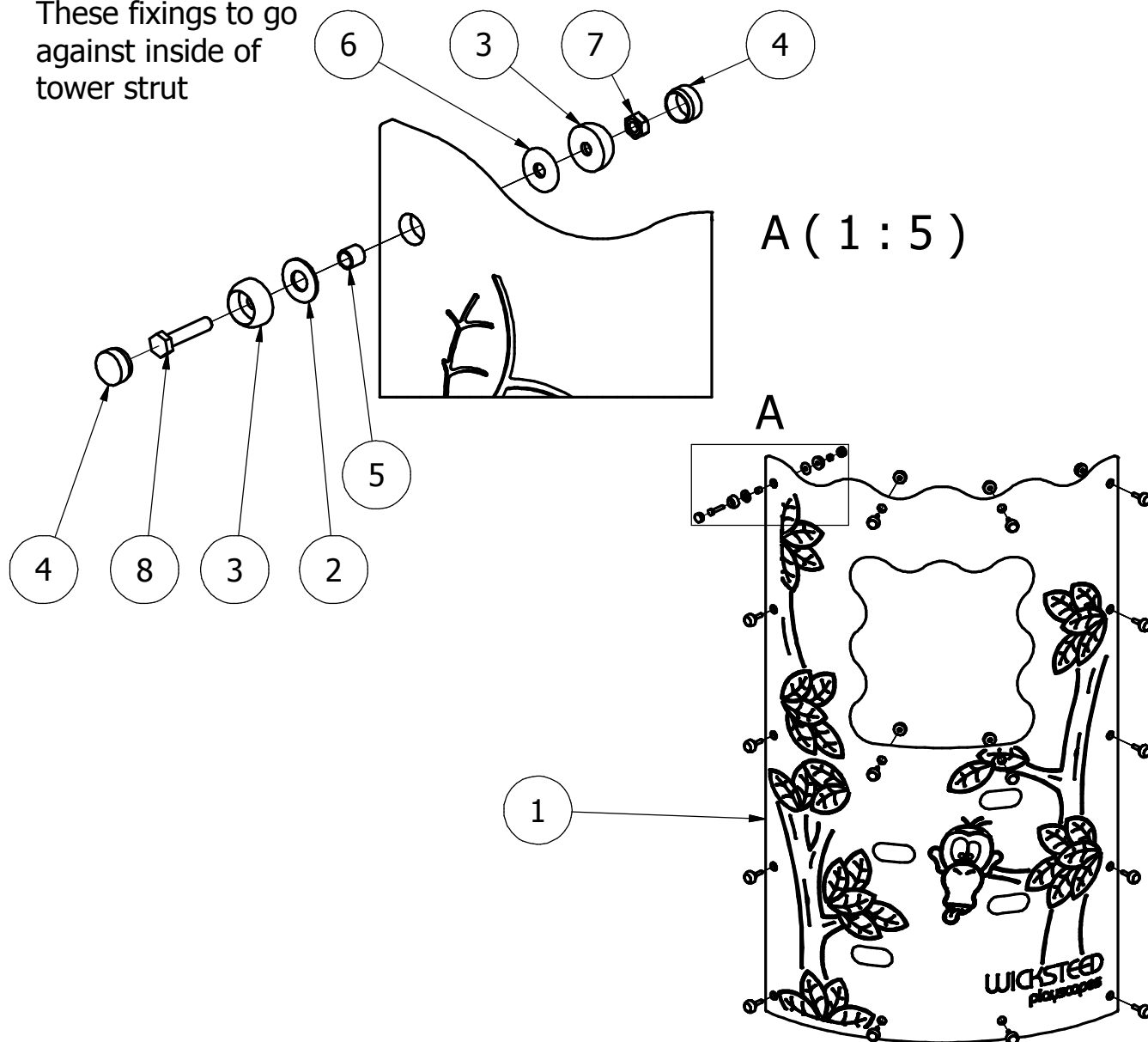
The climbing wall is overbent

- 2 To fit the panel position it against the tower and gently push in the centre, easing the panel over the struts and uprights as necessary
- 3 Fit the fixings down the middle of the panel
- 4 Fit the fixings down both sides

Note

Note ENSURE ALL INSTALLATION AIDS ARE REMOVED BEFORE FIRST USE

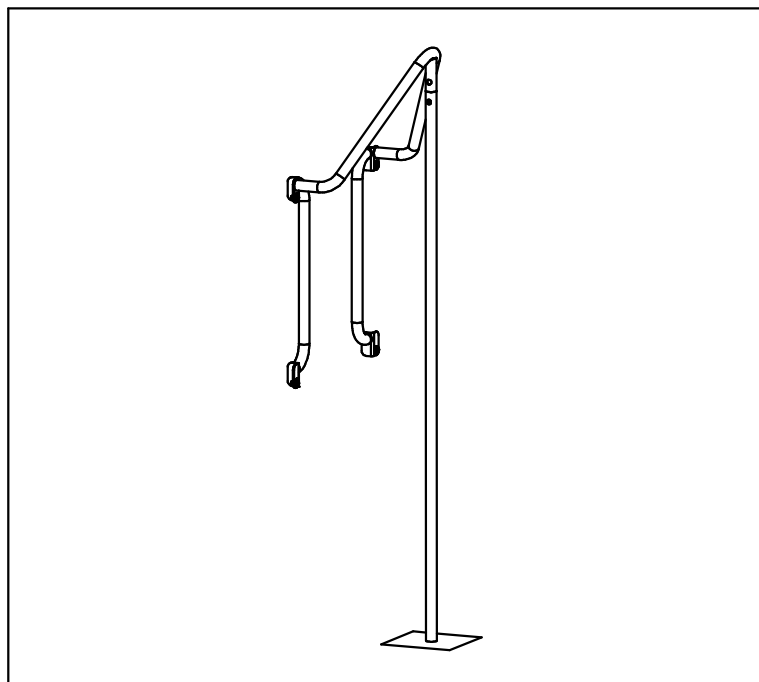
These fixings to go
against inside of
tower strut



PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	90154-01	CURVED CLIMBING PANEL
2	16	2900-041	FIXING WASHER
3	32	2611-031_Cup	Black Poepplemann Cup
4	32	2611-031_Cap	Black Poepplemann Cap
5	16	2472-009	FIXING SPACER (15 panel)
6	16	2215-519	Wicksteed Washer
7	16	2191-010	M10 Binx Nut
8	16	2185-038	M10 x 50 Hex Head Bolt

COMPILED AB	REV	0	1						
	ECN	1655	1672						
DATE: 24/04/12	SIG.	AB	AB						
	DATE:	24/04/12	03/12/12						



Planet Jungle	
Monkey Pole Slider	
PROD. CODE	90156
SIZE	0.8 x 0.45 x 2.37
AGE RANGE	Up to 8 years old
F/ FALL HEIGHT	990mm
HEAVIEST PART	Aprox 25.25 kg
TOTAL WEIGHT	Approx 25.5 kg
	

SPECIFICATION

Solid steel to BS 970 part 1

Steel nominal bore tube (medium) to BS 1387

Welds are from copper-free wire to BS EN 440

Low lead polyester powder paint to BS 71 part 3

Standard fixings are made to

BS 3692 or BS 4190

Non-standard fixings are anti-vandal

and corrosion resistant

INSTALLATION INSTRUCTIONS

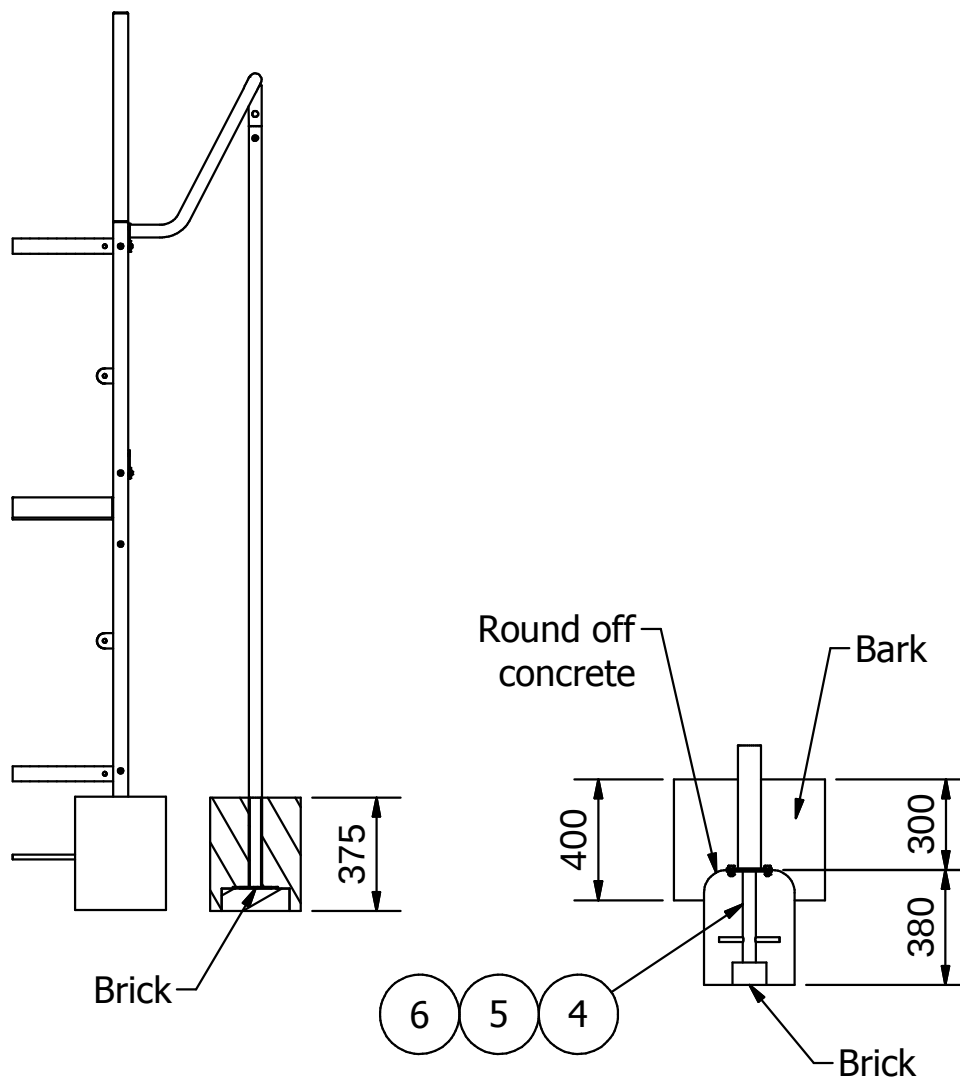
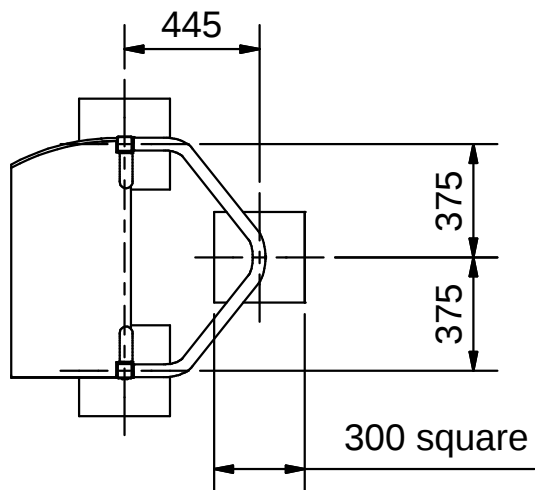
- 1 Read instructions thoroughly before commencing installation of unit
- 2 Excavate foundations as shown in the plan
- 3 Position pole slider on a brick in the excavated hole, ensuring it is plumb, square and at the correct height
- 4 Fix the pole slider to the tower as shown
- 5 When the unit is fully assembled and all fixings secure, backfill the foundation with 0.03m³ of concrete (4 parts gravel/2 parts sand/1 part cement)
- 6 Allow concrete to set for 48 hours before first use

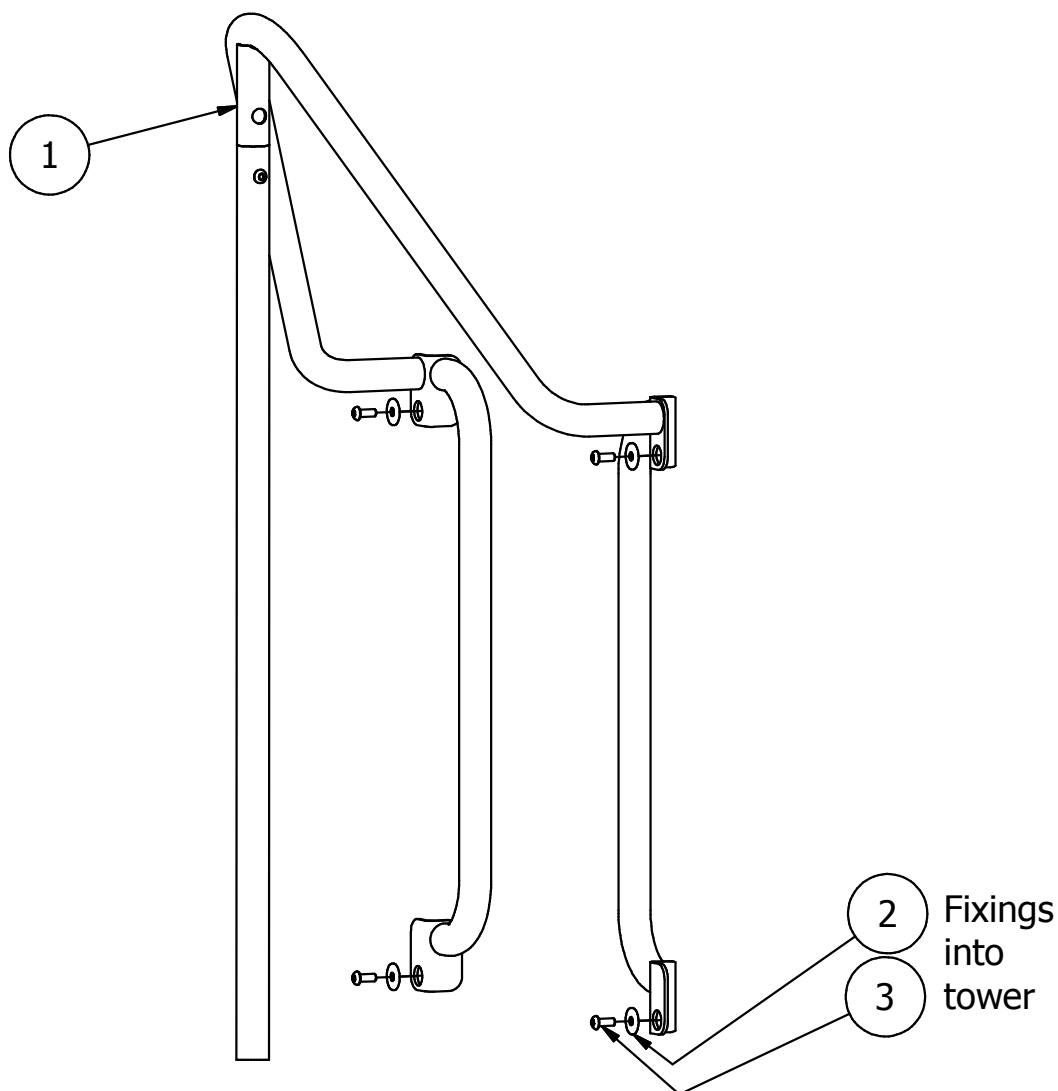
Note

Note ENSURE ALL INSTALLATION AIDS ARE REMOVED BEFORE FIRST USE

Foundations

Care must be taken in abnormal conditions





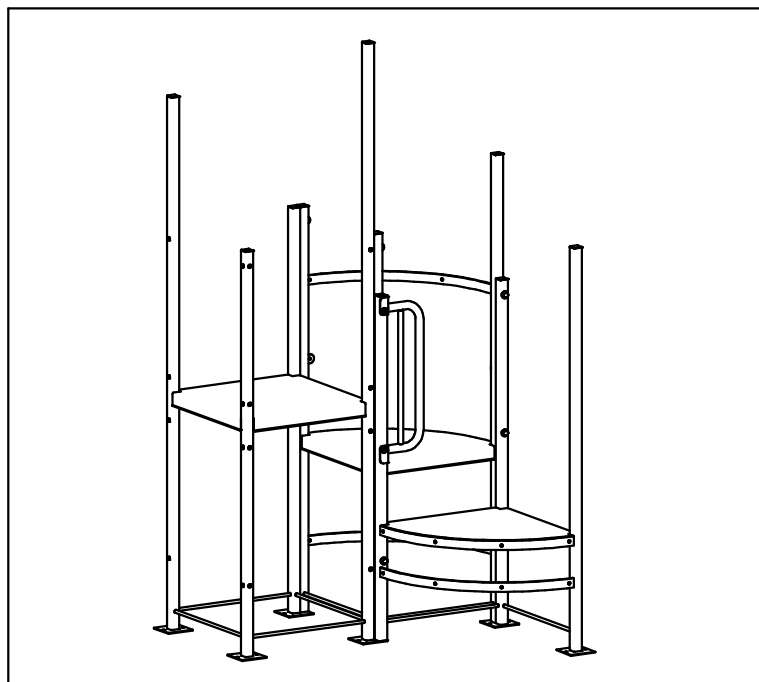
PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	90156-02	WELDED MONKEY POLE SLIDER
2	4	2215-519	Wicksteed Washer
3	4	2176-126	M10 x 25 Pent Button Head
5	1	4202-481	Sliding Pole Assy
6	1	2176-133	M10 x 40 Pent Button Head
7	1	2177-002	M10 Safety Fastener

FOR BARK FIX ADD

ITEM	QTY	PART NUMBER	DESCRIPTION
4	1	5071-003	BELOW GROUND ASSY
5	1	3031-010	SPRAGGING IRON
6	2	2175-134	M12 x 25 LG HEX HD SCREW

COMPILED AB	REV	0	1	2						
	ECN	1655	1707	Minor						
DATE: 24/04/12	SIG.	AB	AB	DB						
	DATE:	24/04/12	25/11/14	21/08/15						



Planet Jungle	
Stepped Tower	
PROD. CODE	90162
SIZE	1.6 x 1.6 x 3.25
AGE RANGE	
F/ FALL HEIGHT	990mm
HEAVIEST PART	Approx 75 kg
TOTAL WEIGHT	Approx 195 kg
	

SPECIFICATION

Solid steel to BS 970 part 1
 Steel RHS to BS 4848 part 2
 3mm Durbar chequer plate
 Welds are from copper-free wire to BS EN 440
 Low lead polyester powder paint to BS 71 part 3

INSTALLATION INSTRUCTIONS

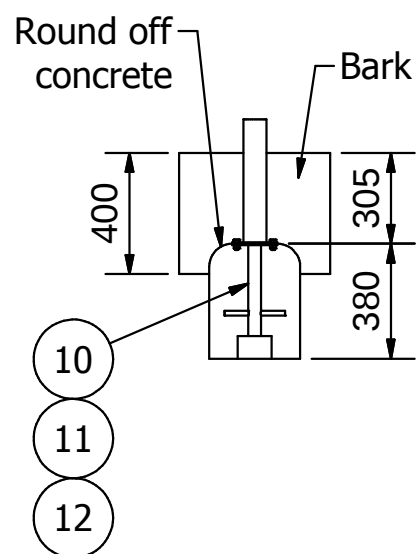
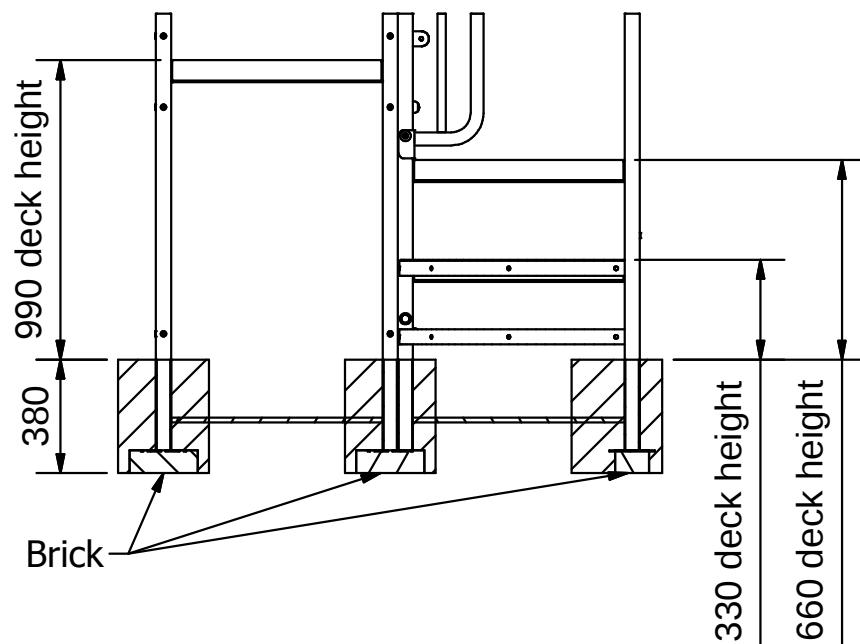
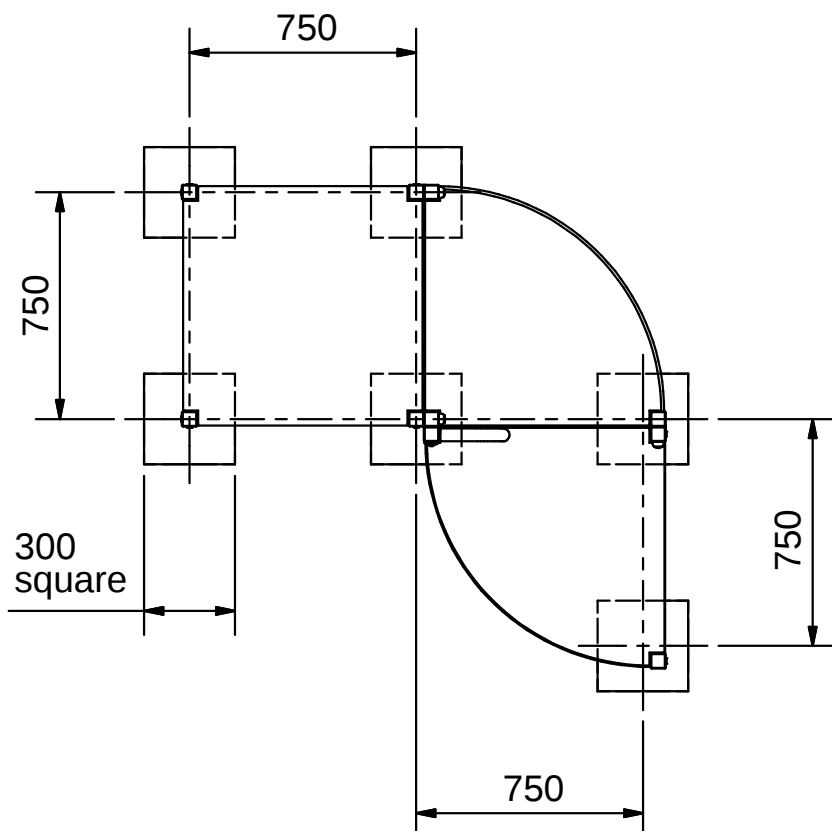
- 1 Read instructions thoroughly before commencing installation of unit
- 2 Excavate foundations as shown in the foundation plan
- 3 Position towers in their excavated foundations on a brick, ensuring it is plumb, square and at the correct height, orientation and distance
- 4 Fix towers together as shown
- 5 When unit is fully assembled and all fixings secure, back fill the foundations with 0.185m³ concrete (4 parts gravel/2 parts sand/1 part cement)
- 6 Allow concrete to set for 48 hours before first use

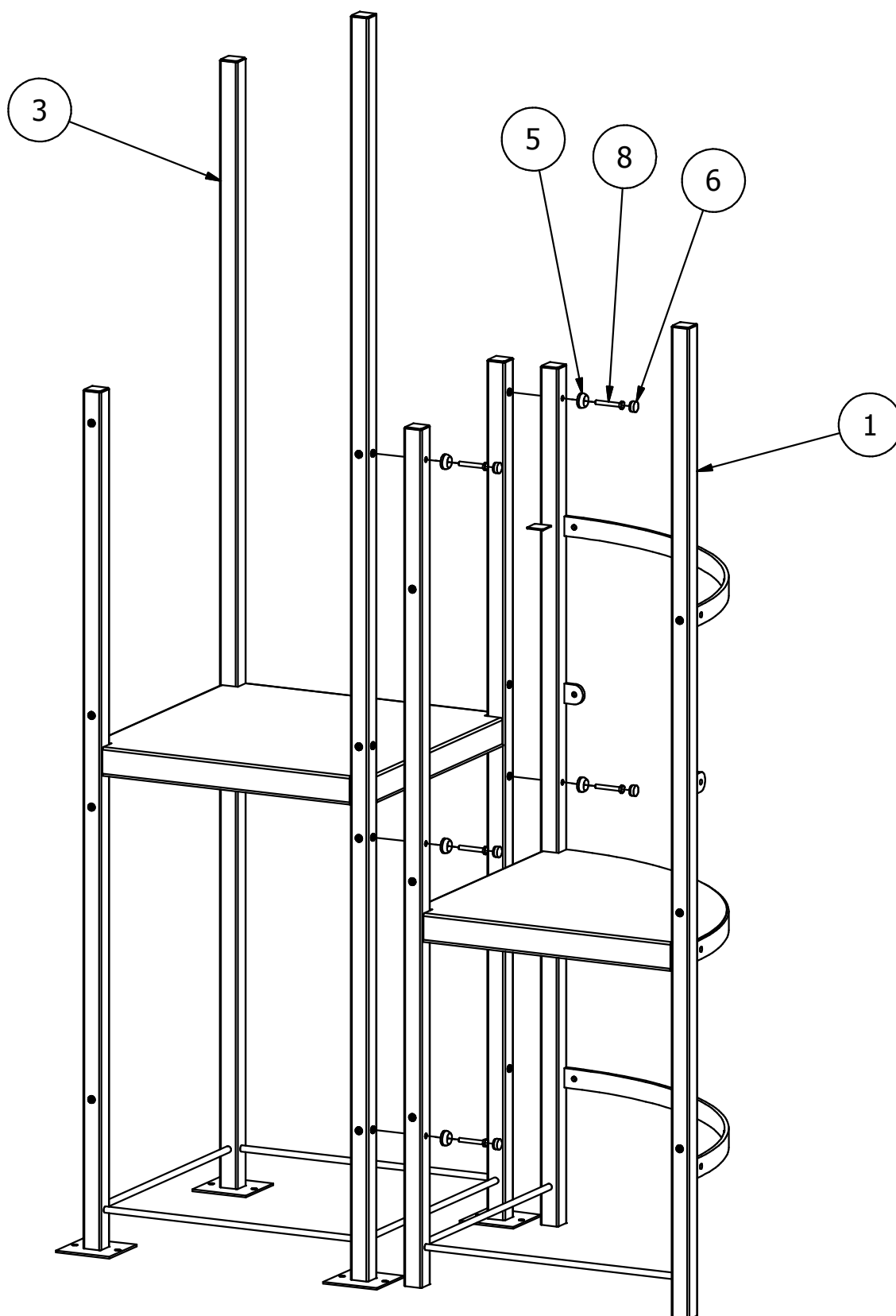
Note

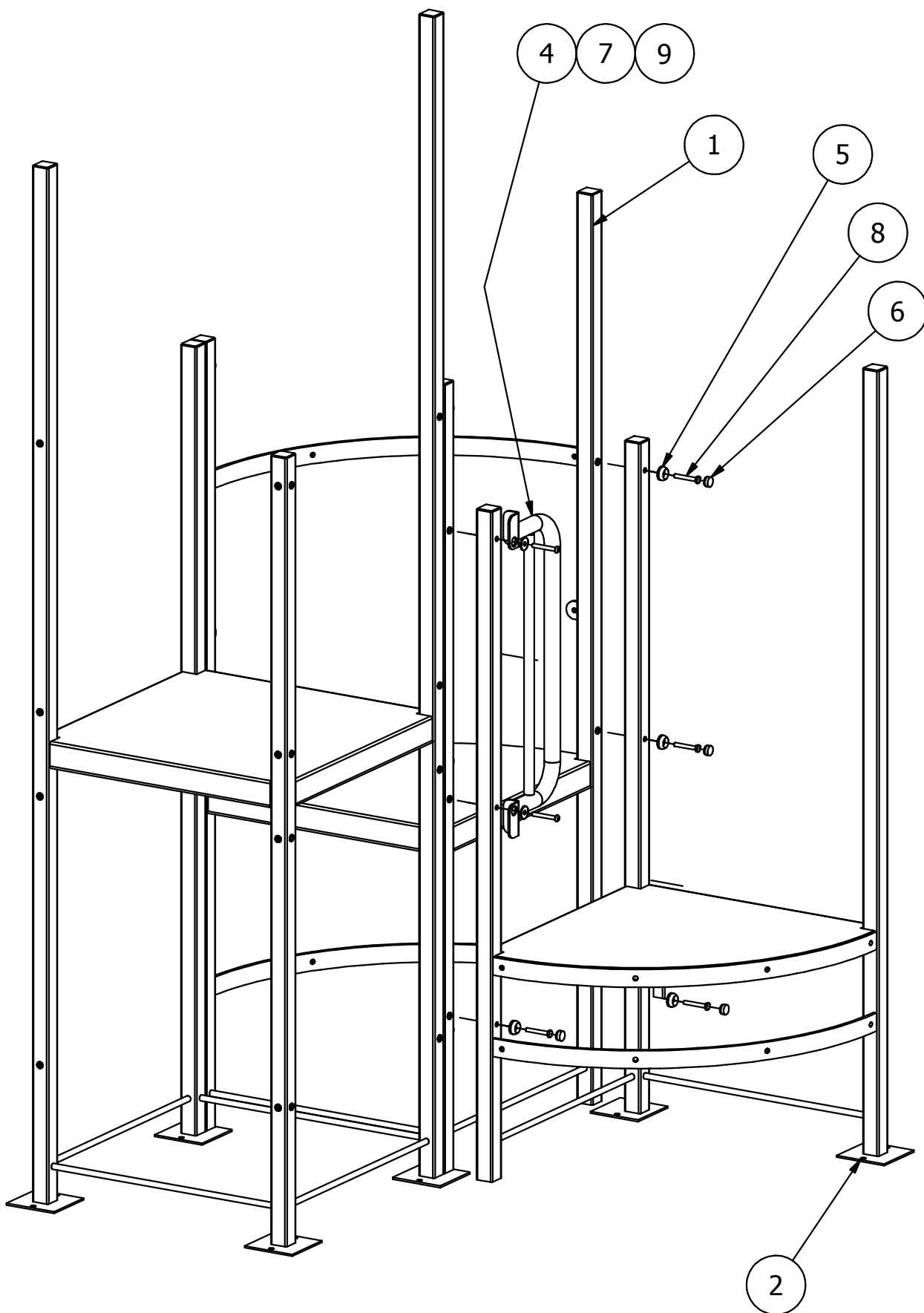
Note ENSURE ALL INSTALLATION AIDS ARE REMOVED BEFORE FIRST USE

Foundations

Care must be taken in abnormal conditions



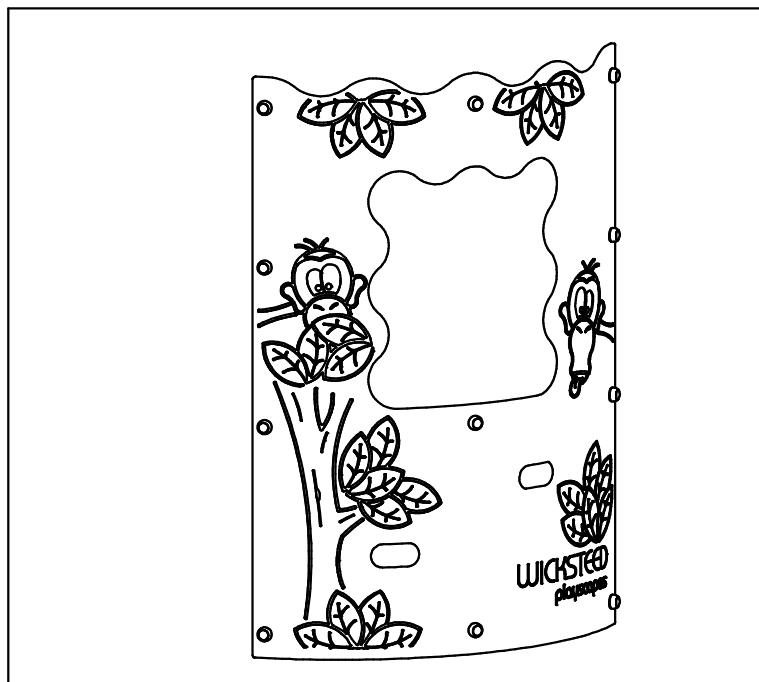




PARTS LIST			
ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	90162-02	MIDDLE TOWER
2	1	90162-01	LOW TOWER
3	1	90150-01	WELDED SQUARE TOWER ASSY
4	1	90109-02	HANDHOLD ASSEMBLY
5	9	2611-033_Cup	Green Poeppelmann Cup
6	9	2611-033_Cap	Green Poeppelmann Cap
7	2	2215-519	Wicksteed Washer
8	9	2185-042	M10 x 70 HEX HEAD BOLT
9	2	2176-130	M10 x 75 Pent Button Head

FOR BARK FIX ADD			
ITEM	QTY	PART NUMBER	DESCRIPTION
10	6	5071-003	BELOW GROUND ASSY
11	6	3031-010	SPRAGGING IRON
12	12	2175-134	M12 x 25 LG HEX HD SCREW

COMPILED AB	REV	0	1						
	ECN	1655	Minor						
DATE: 23/04/12	SIG.	AB	DB						
	DATE:	23/04/12	31/10/13						



Planet Jungle	
Low Curved Climbing Wall	
PROD. CODE	90163
SIZE	1.09 x 0.24 x 1.56
AGE RANGE	6 years to adult
F/ FALL HEIGHT	0.68m
HEAVIEST PART	Approx 17.6 kg
TOTAL WEIGHT	Approx 18.9 kg
	

SPECIFICATION

15mm thick HDPE 100% recyclable

Standard fixings are made to either BS 3692 or BS 4190

Non-standard fixings are anti-vandal and corrosion resistant

INSTALLATION INSTRUCTIONS

- 1 Read instructions thoroughly before commencing installation of unit

The climbing wall is overbent

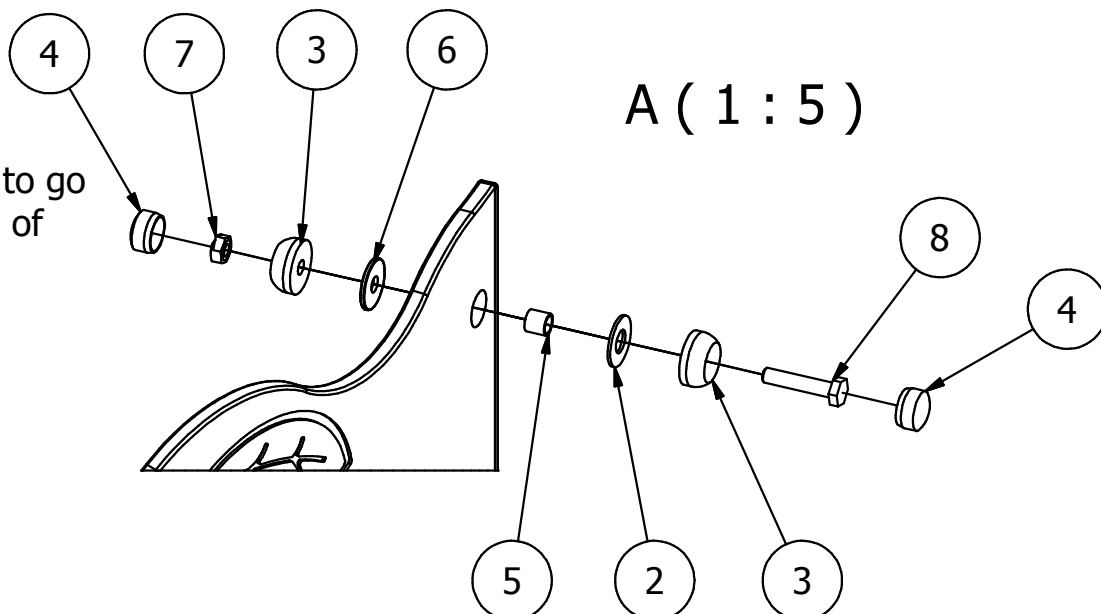
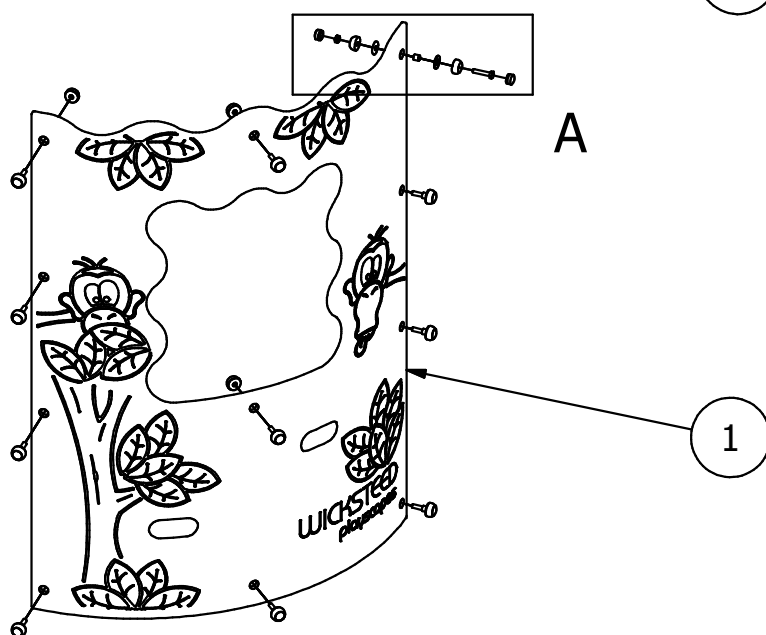
- 2 To fit the panel position it against the tower and gently push in the centre, easing the panel over the struts and uprights as necessary
- 3 Fit the fixings down the middle of the panel
- 4 Fit the fixings down both sides

Note

Note ENSURE ALL INSTALLATION AIDS ARE REMOVED BEFORE FIRST USE

These fixings to go
against inside of
tower strut

A (1 : 5)



PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	90163-01	LOW CLIMBING PANEL
2	11	2900-041	FIXING WASHER
3	22	2611-031_Cup	Black Poepplemann Cup
4	22	2611-031_Cap	Black Poepplemann Cap
5	11	2472-009	FIXING SPACER (15 panel)
6	11	2215-519	Wicksteed Washer
7	11	2191-010	M10 Binx Nut
8	11	2185-038	M10 x 50 Hex Head Bolt

COMPILED AB	REV	0								
	ECN	1655								
DATE: 25/04/12	SIG.	AB								
	DATE:	25/04/12								



Planet Jungle	
Low Step Panel	
PROD. CODE	90164
SIZE	1.09 x 0.24 x 0.32
AGE RANGE	4 years to adult
F/ FALL HEIGHT	325mm
HEAVIEST PART	Approx 4.5 kg
TOTAL WEIGHT	Approx 5.1 kg
	

SPECIFICATION

15mm thick HDPE 100% recyclable

Standard fixings are made to either BS 3692 or BS 4190

Non-standard fixings are anti-vandal and corrosion resistant

INSTALLATION INSTRUCTIONS

- 1 Read instructions thoroughly before commencing installation of unit

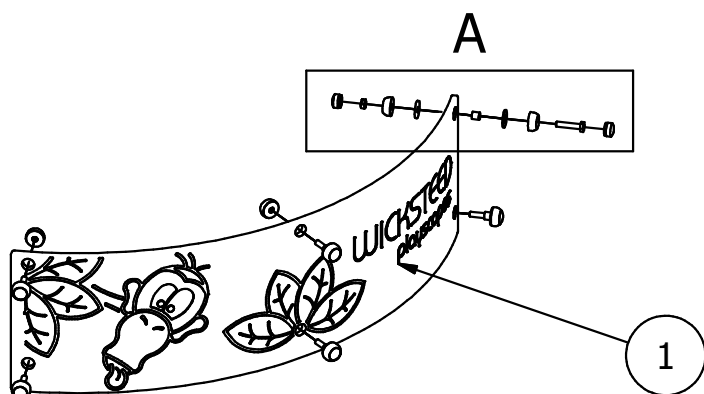
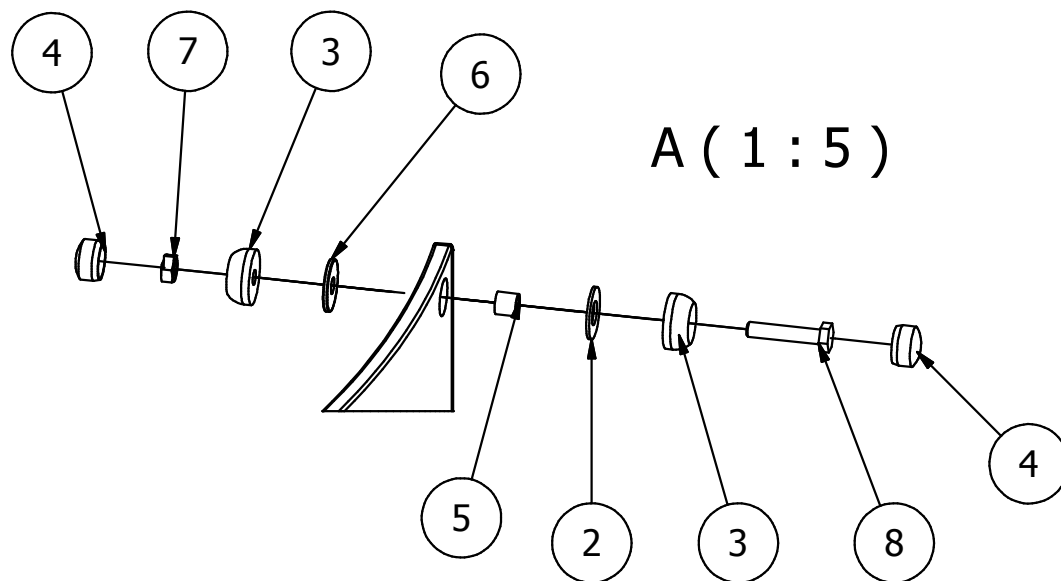
The step panel is overbent

- 2 To fit the panel position it against the tower and gently push in the centre, easing the panel over the struts and uprights as necessary
- 3 Fit the fixings down the middle of the panel
- 4 Fit the fixings down both sides

Note

Note ENSURE ALL INSTALLATION AIDS ARE REMOVED BEFORE FIRST USE

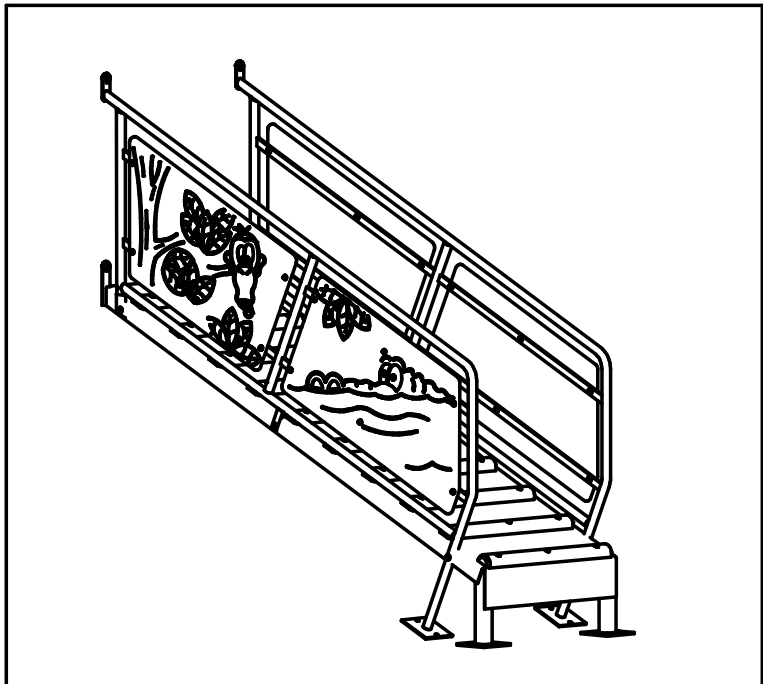
These fixings to go against
inside of tower strut



PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	90164-01	LOW STEP PANEL
2	6	2900-041	FIXING WASHER
3	12	2611-031_Cup	Black Poepplemann Cup
4	12	2611-031_Cap	Black Poepplemann Cap
5	6	2472-009	FIXING SPACER (15 panel)
6	6	2215-519	Wicksteed Washer
7	6	2191-010	M10 Binx Nut
8	6	2185-038	M10 x 50 Hex Head Bolt

COMPILED AB	REV	0								
	ECN	1655								
DATE: 25/04/12	SIG.	AB								
	DATE:	25/04/12								



Planet Jungle

Ramp c/w handrails & panels

PROD. CODE	90165
SIZE	0.8 x 3 x 1.05
AGE RANGE	Up to 8 years old
F/ FALL HEIGHT	990mm
HEAVIEST PART	Approx 57 kg
TOTAL WEIGHT	Approx 155 kg



SPECIFICATION

Solid steel components to BS 970 part 1
 Nominal bore tube (medium) to BS 1387
 RHS to BS 4848 part 2
 3mm Durbar chequer plate
 15mm HD polyethylene 100% recyclable
 and non-toxic

Logs made from dia 72mm half round recycled
 plastic
 Standard fixings are to BS 3692 or BS 4190
 Non-standard fixings are anti-vandal and
 corrosion resistant
 Welds are from copper-free wire to BS EN 440
 Low lead polyester powder paint to BS 71

INSTALLATION INSTRUCTIONS

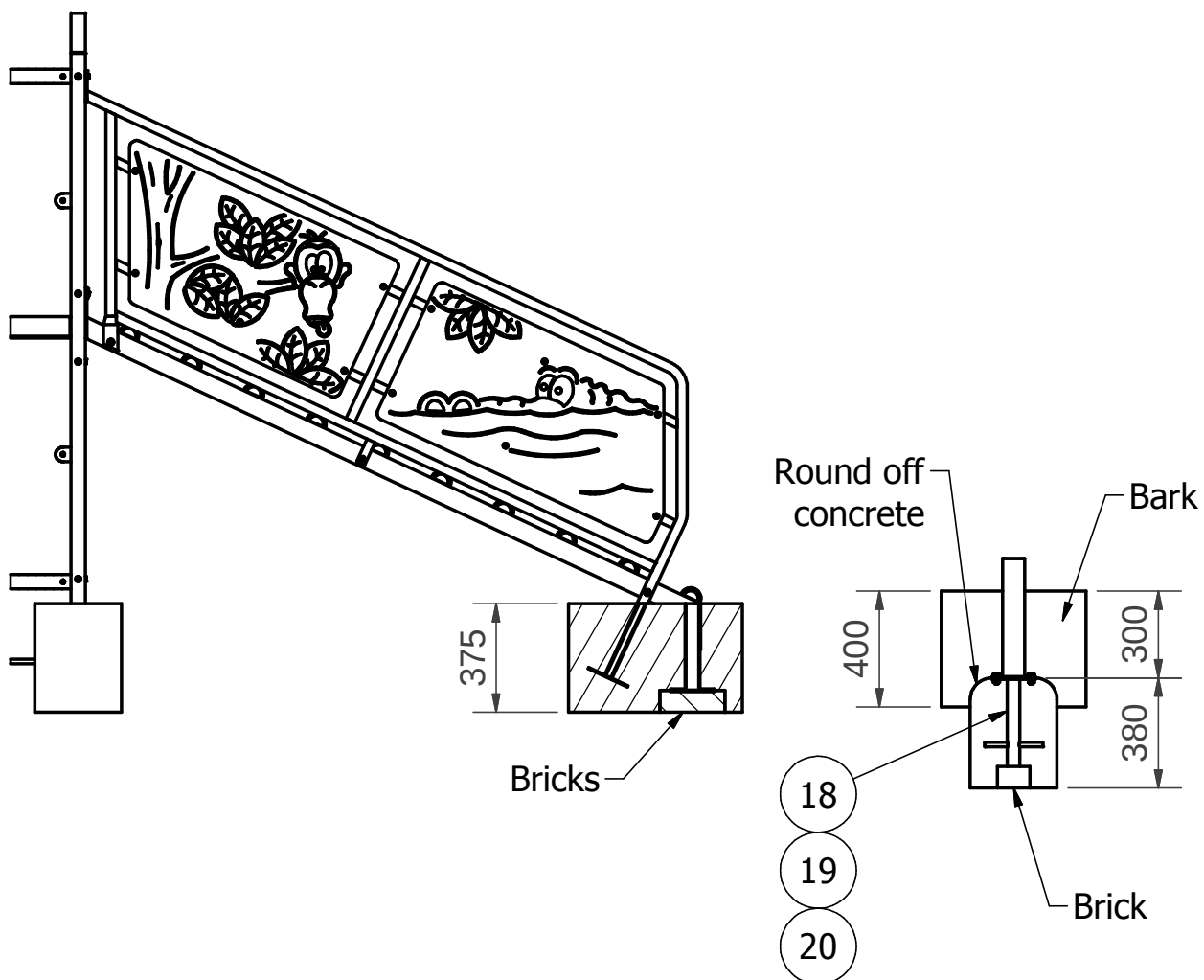
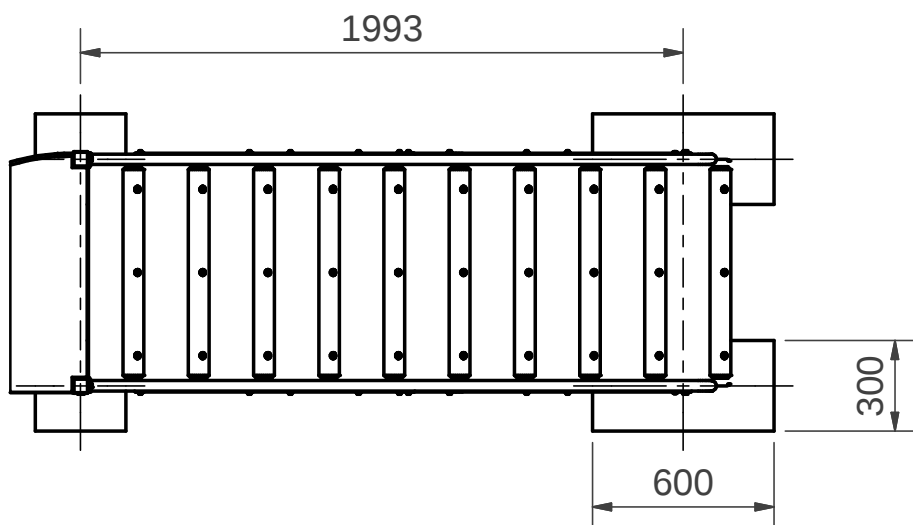
- 1 Read instructions thoroughly before commencing installation of unit
- 2 Excavate foundations as shown
- 3 Position ramp on bricks in foundations and fix to tower as shown
- 4 Fix handrails to ramp and tower as shown
- 5 Fit panels to handrails as shown
- 6 When unit is fully assembled and all fixings secure, backfill foundations with 0.13m³ of concrete (4 parts gravel/2 parts sand/1 part cement)
- 7 Allow concrete to set for 48 hours before first use

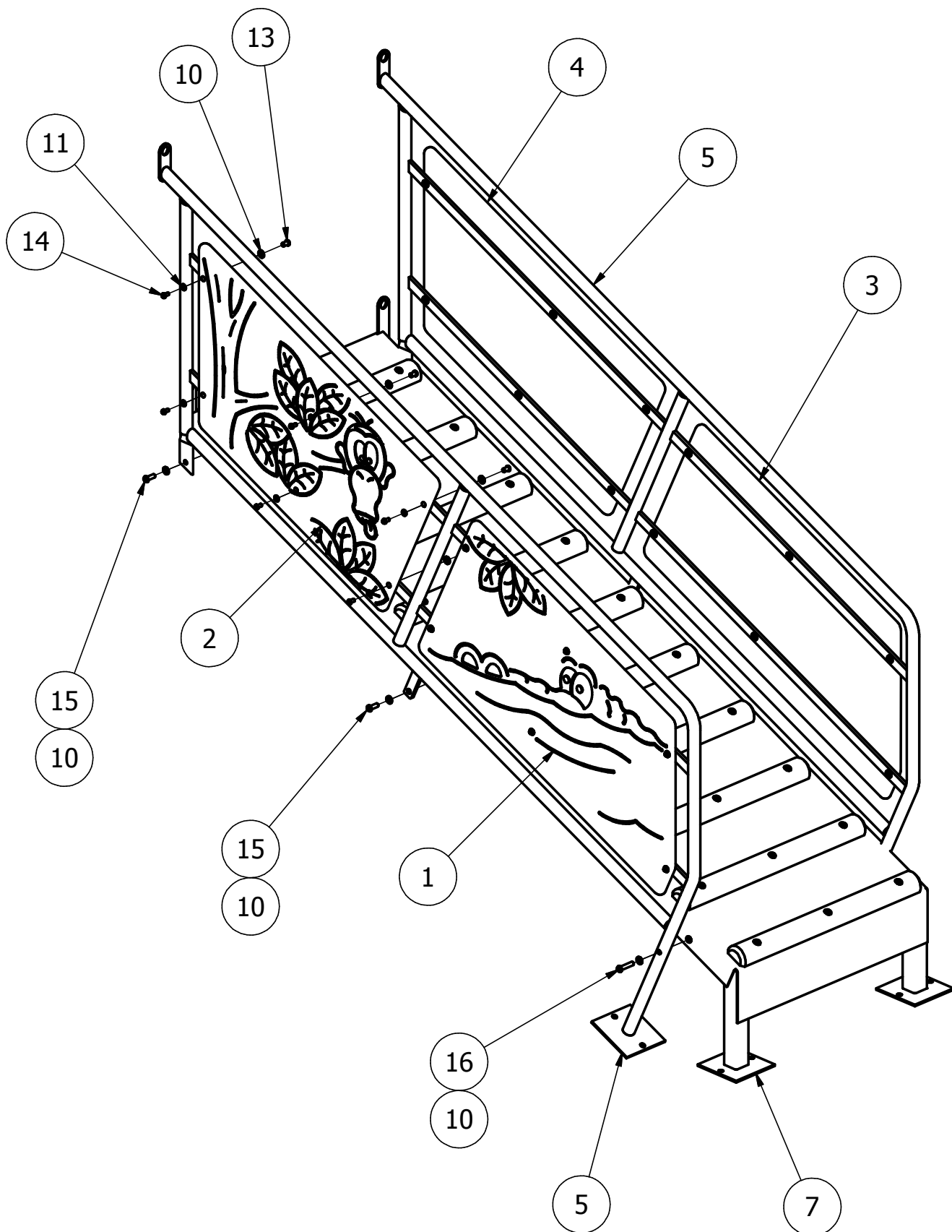
Note

Note ENSURE ALL INSTALLATION AIDS ARE REMOVED BEFORE FIRST USE

Foundations

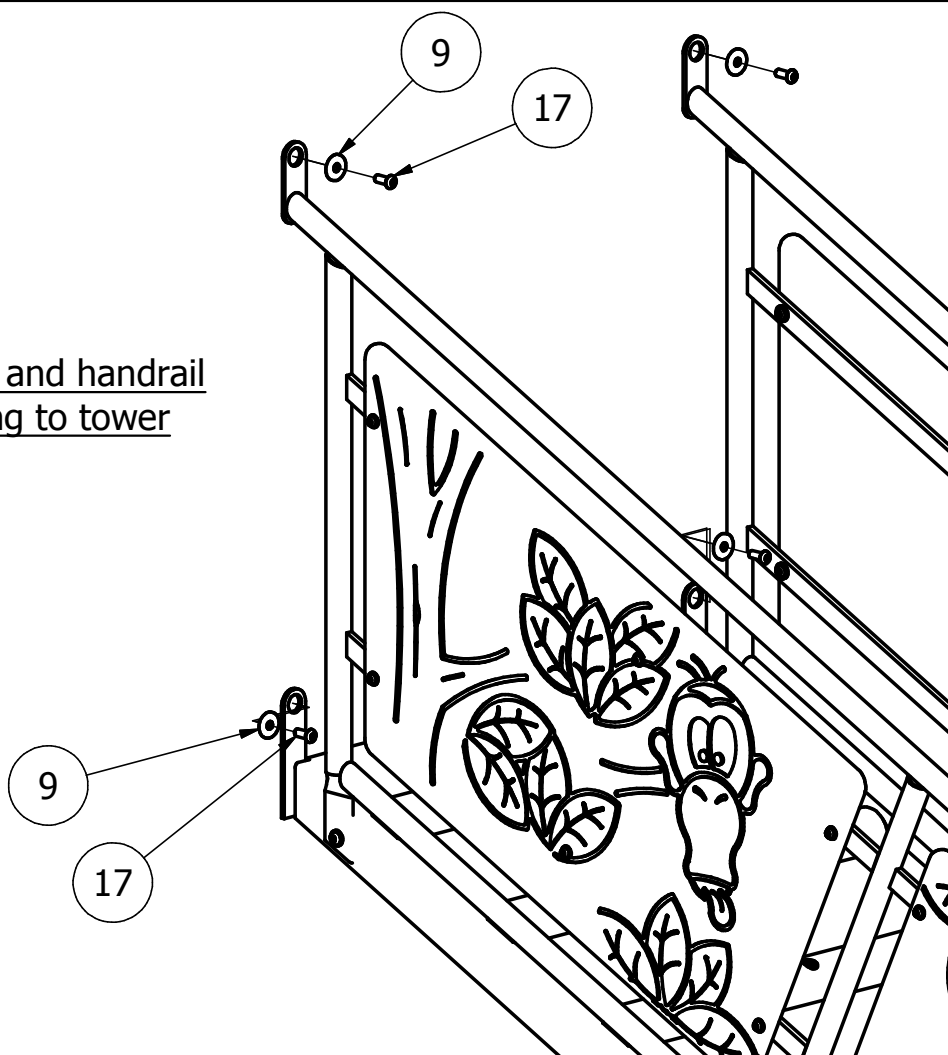
Care must be taken in abnormal conditions



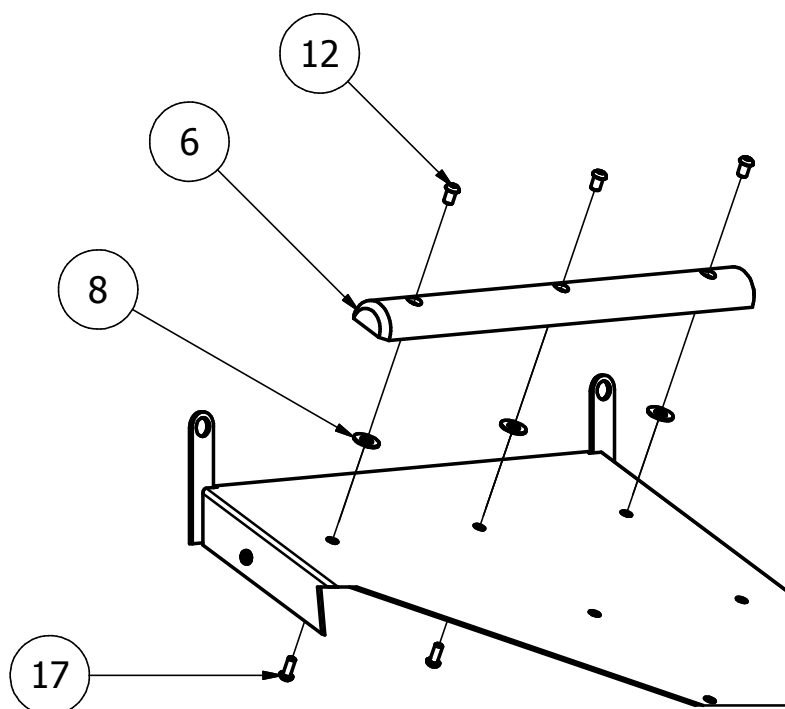


Panels to handrails and handrails
to ramp fixing detail

Ramp and handrail
fixing to tower



Log fixing
detail



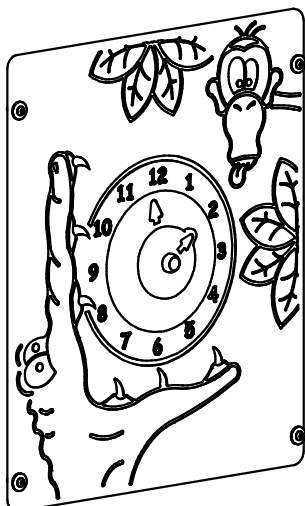
PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	90165-04	BOTTOM LH INFILL PANEL
2	1	90165-03	TOP LH INFILL PANEL
3	1	90165-02	BOTTOM RH INFILL PANEL
4	1	90165-01	TOP RH INFILL PANEL
5	2	90139-02	HAND RAIL ASSY
6	10	90110-02	PLASTIC LOG
7	1	90103-02	LOG RAMP WELDED ASSY
8	30	2900-041	FIXING WASHER
9	4	2215-519	Wicksteed Washer
10	30	2215-508	M10 Washer
11	24	2215-507	M8 Washer
12	30	2177-002	M10 Safety Fastener
13	24	2177-001	M8 Safety Fastener
14	24	2176-151	M8 x 16 Pent Button Head
15	4	2176-132	M10 x 30 Pent Button Head
16	2	2176-129	M10 x 50 Pent Button Head
17	34	2176-126	M10 x 25 Pent Button Head

FOR BARK FIX ADD

ITEM	QTY	PART NUMBER	DESCRIPTION
18	2	5071-003	BELOW GROUND ASSY
19	2	3031-010	SPRAGGING IRON
20	4	2175-134	M12 x 25 LG HEX HD SCREW

COMPILED AB	REV	0	1						
	ECN	1655	Minor						
DATE: 25/04/12	SIG.	AB	MC						
	DATE:	25/04/12	07/10/14						



Planet Jungle Jungle Clock

PROD. CODE	90166
SIZE	790 x 90 x 920
AGE RANGE	
F/ FALL HEIGHT	N/A
HEAVIEST PART	Approx 10.2 kg
TOTAL WEIGHT	Approx 12 kg



SPECIFICATION

15mm thick HDPE 100% recyclable

Standard fixings are made to either BS 3692 or BS 4190

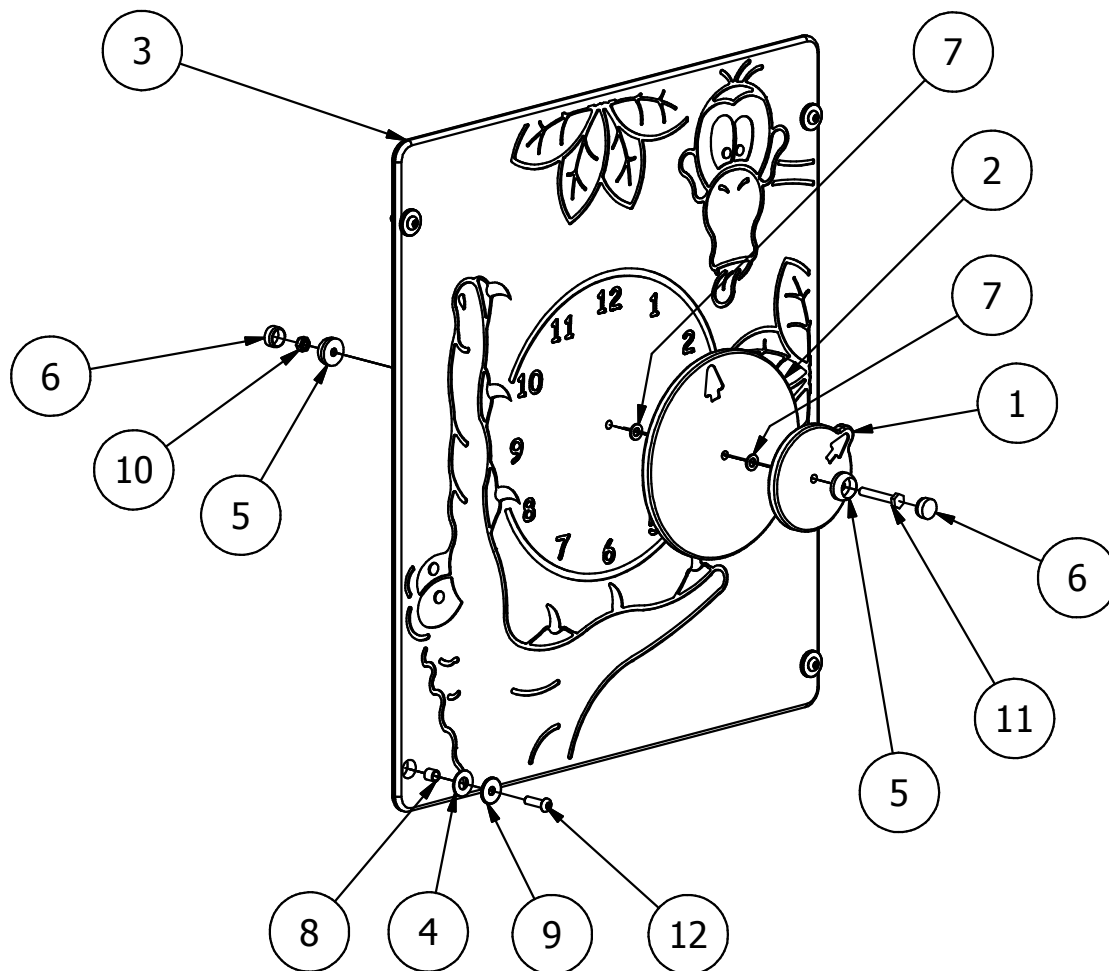
Non-standard fixings are anti-vandal and corrosion resistant

INSTALLATION INSTRUCTIONS

- 1 Read instructions thoroughly before commencing installation of unit
- 2 Position the panel against the tower fix as shown

Note

Note ENSURE ALL INSTALLATION AIDS ARE REMOVED BEFORE FIRST USE



PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	90166-03	CLOCK HOUR HAND
2	1	90166-02	CLOCK MINUTE HAND
3	1	90166-01	JUNGLE CLOCK PANEL
4	4	2900-041	FIXING WASHER
5	2	2611-033_Cup	Green Poeppelmann Cup
6	2	2611-033_Cap	Green Poeppelmann Cap
7	2	2571-012	M10 Fibre Washer
8	4	2472-009	FIXING SPACER (15 panel)
9	4	2215-519	Wicksteed Washer
10	1	2191-010	M10 Binx Nut
11	1	2185-041	M10 x 65 Hex Head Bolt
12	4	2176-127	M10 x 35 Pent Button Head

COMPILED AB	REV	0							
	ECN	1655							
DATE: 25/04/12	SIG.	AB							
	DATE:	25/04/12							

DESPATCH LIST

Sheet 1 of 2

Product: 901-MAMB Mamba

Date of Issue: 30/04/12

Order No:

Issue: A

Item	Unit Qty	Description	Part No.	Checked
		Items marked * to be fitted prior to despatch		
1	1	Double width slide barrier	90105-02	
2	1	Wide slide chute	90105-01	
3	2	Pedestal support leg - runout	4013-038	
4	1	Semi scoop barrier assembly	80120-01	
5	1	Net assembly	90115-03	
6	2	Handrail assembly	90115-02	
7	2	Ravine bridge end	90115-01	
8	1	Metal barrier	90122-01	
9	1	Double tower B	90153-02	
10	1	Double tower A	90153-01	
11	1	Curved climbing panel *	90154-01	
12	1	Welded monkey pole slider	90156-02	
13	1	Sliding Pole Assy	4202-481	
14	1	Middle tower	90162-02	
15	1	Low tower	90162-01	
16	1	Welded square tower assembly	90150-01	
17	1	Handhold assembly	90109-02	
18	1	Low climbing panel *	90163-01	
19	1	Low step panel *	90164-01	
20	1	Bottom LH infill panel	90165-04	
21	1	Top LH infill panel	90165-03	
22	1	Bottom RH infill panel	90165-02	
23	1	Top RH infill panel	90165-01	
24	2	Hand rail assembly	90139-02	

Total No. of Items

Picked By:

Checked By:

COMPILED	REV	0	1	2	3		
BY: AB	ECN No.	1655	1663	1707	Minor		
	DATE	30/04/2012	12/09/2012	12/12/2014	24/08/2015		
DATE: 30/04/12	SIGN	AB	AB	AB	DB		

DESPATCH LIST

Sheet 2 of 5

Product: 901-MAMB Mamba

Date of Issue: 30/04/12

Order No:

Issue: A

[illegible]

Total No. of Items

Picked By:

Checked By:

COMPILED BY: AB	REV	0	1	2	3		
	ECN No.	1655	1663	1707	Minor		
DATE: 30/04/12	DATE	30/04/2012	12/09/2012	12/12/2014	24/08/2015		
	SIGN	AB	AB	AB	DB		

FIXINGS LIST

Sheet 1 of 5

Product: 901-MAMB Mamba

Date of Issue: 30/04/12

Order No:

Issue: A

Item	Unit Qty	Description	Part No.	Checked
		90105 Wide Slide		
1	4	Spragging iron	3031-010	
2	2	End plug (1¼ NB)	2611-005	
3	6	Wicksteed washer	2215-519	
4	32	M12 fibre washer	2571-013	
5	2	M10 x 50 Pent Button Head	2176-129	
6	16	M12 x 25 pent button head screw	2176-176	
7	2	M10 Safety Fastener	2177-002	
8	4	M10 x 25 pent button head screw	2176-126	
9	2	M12 Plain Washer	2215-509	
		80120 Semi Scoop Barrier		
10	4	Wicksteed washer	2215-519	
11	4	M10 x 25 pent button head screw	2176-126	
		90115 Ravine Bridge		
12	14	M10 washer	2215-508	
13	6	M10 nyloc nut	2192-006	
14	20	M10 safety fastener	2177-002	
15	8	M10 x 45 pent button head screw	2176-128	
16	8	M10 x 25 pent button head screw	2176-126	
		90122 Metal barrier		
17	4	Wicksteed washer	2215-519	
18	4	M10 x 25 pent button head screw	2176-126	
		Items marked * to be fitted before despatch		

Total No. of Items

Picked By:

Checked By:

COMPILED	REV	0	1	2	3	4	5
BY: AB	ECN No.	1655	1663	1672	Minor	Minor	Minor
DATE: 30/04/12	DATE	30/04/2012	12/09/2012	03/12/2012	23/09/2013	30/10/2013	13/03/2014
	SIGN	AB	AB	AB	MC	DB	DB
	REV	6	7				
	ECN No.	Minor	Minor				
	DATE	07/10/2014	24/08/2015				
	SIGN	MC	DB				

FIXINGS LIST

Sheet 2 of 5

Product: 901-MAMB Mamba

Date of Issue: 30/04/12

Order No:

Issue: A

Item	Unit Qty	Description	Part No.	Checked
		90153 Double Tower		
19	3	Black Poepplemann cup	2611-031	
20	3	Black Poepplemann cap	2611-031	
21	1	M10 x 70 hex head bolt	2185-042	
22	2	M10 x 65 hex head bolt	2185-041	
23	2	M10 x 50 hex head bolt	2185-038	
		90154 Curved Climbing Wall		
24	16	Fixing washer *	2900-041	
25	32	Black Poepplemann cup *	2611-031	
26	32	Black Poepplemann cap *	2611-031	
27	16	Fixing spacer (15 panel) *	2472-009	
28	16	Wicksteed washer *	2215-519	
29	16	M10 binx nut *	2191-010	
30	16	M10 x 50 hex head bolt *	2185-038	
		90156 Monkey Pole Slider		
31	4	Wicksteed washer	2215-519	
32	4	M10 x 25 pent button head screw	2176-126	
33	1	M10 x 40mm Pent Button Head	2176-133	
34	1	M10 Safety Fastener	2177-002	
		90162 Stepped Tower		
35	9	Green Poepplemann cup	2611-033	
		Items marked * to be fitted before despatch		

Total No. of Items

Picked By:

Checked By:

COMPILED	REV	0	1	2	3	4	5
BY: AB	ECN No.	1655	1663	1672	Minor	Minor	Minor
DATE: 30/04/12	DATE	30/04/2012	12/09/2012	03/12/2012	23/09/2013	30/10/2013	13/03/2014
	SIGN	AB	AB	AB	MC	DB	DB
	REV	6	7				
	ECN No.	Minor	Minor				
	DATE	07/10/2014	24/08/2015				
	SIGN	MC	DB				

FIXINGS LIST

Sheet 3 of 5

Product: 901-MAMB Mamba

Date of Issue: 30/04/12

Order No:

Issue: A

Item	Unit Qty	Description	Part No.	Checked
		90162 Stepped Tower (cont)		
36	9	Green Poepplemann cap	2611-033	
37	2	Wicksteed washer	2215-519	
38	9	M10 x 70 hex head bolt	2185-042	
39	2	M10 x 75 pent button head screw	2176-130	
		90163 Low Curved Climbing Wall		
40	11	Fixing washer *	2900-041	
41	22	Black Poepplemann cup *	2611-031	
42	22	Black Poepplemann cap *	2611-031	
43	11	Fixing spacer (15 panel) *	2472-009	
44	11	Wicksteed washer *	2215-519	
45	11	M10 binx nut *	2191-010	
46	11	M10 x 50 hex head bolt *	2185-038	
		90164 Low Step Panel		
47	6	Fixing washer *	2900-041	
48	12	Black Poepplemann cup *	2611-031	
49	12	Black Poepplemann cap *	2611-031	
50	6	Fixing spacer (15 panel) *	2472-009	
51	6	Wicksteed washer *	2215-519	
52	6	M10 binx nut *	2191-010	
53	6	M10 x 50 hex head bolt *	2185-038	
		Items marked * to be fitted before despatch		

Total No. of Items

Picked By:

Checked By:

COMPILED	REV	0	1	2	3	4	5
BY: AB	ECN No.	1655	1663	1672	Minor	Minor	Minor
DATE: 30/04/12	DATE	30/04/2012	12/09/2012	03/12/2012	23/09/2013	30/10/2013	13/03/2014
	SIGN	AB	AB	AB	MC	DB	DB
	REV	6	7				
	ECN No.	Minor	Minor				
	DATE	07/10/2014	24/08/2015				
	SIGN	MC	DB				

FIXINGS LIST

Sheet 4 of 5

Product: 901-MAMB Mamba

Date of Issue: 30/04/12

Order No:

Issue: A

Item	Unit Qty	Description	Part No.	Checked
		90165 Ramp c/w Handrails & Panels		
54	30	Fixing washer *	2900-041	
55	4	Wicksteed washer	2215-519	
56	30	M10 washer	2215-508	
57	24	M8 washer	2215-507	
58	30	M10 safety fastener *	2177-002	
59	24	M8 safety fastener	2177-001	
60	24	M8 x 16 pent button head screw	2176-151	
61	4	M10 x 30 pent button head screw	2176-132	
62	2	M10 x 50 pent button head screw	2176-129	
63	34	M10 x 25 pent button head screw (30 off *)	2176-126	
		90166 Jungle Clock Panel Assembly		
64	4	Fixing washer	2900-041	
65	2	Green Poepplemann cup *	2611-033	
66	2	Green Poepplemann cap *	2611-033	
67	2	M10 fibre washer *	2571-012	
68	4	Fixing spacer (15 panel)	2472-009	
69	4	Wicksteed washer	2215-519	
70	1	M10 binx nut *	2191-010	
71	1	M10 x 65 hex head bolt *	2185-041	
72	4	M10 x 35 pent button head screw	2176-127	
		Items marked * to be fitted before despatch		

Total No. of Items

Picked By:

Checked By:

COMPILED	REV	0	1	2	3	4	5
BY: AB	ECN No.	1655	1663	1672	Minor	Minor	Minor
DATE: 30/04/12	DATE	30/04/2012	12/09/2012	03/12/2012	23/09/2013	30/10/2013	13/03/2014
	SIGN	AB	AB	AB	MC	DB	DB
	REV	6	7				
	ECN No.	Minor	Minor				
	DATE	07/10/2014	24/08/2015				
	SIGN	MC	DB				

FIXINGS LIST

Sheet 5 of 5

Product: 901-MAMB Mamba

Date of Issue: 30/04/12

Order No:

Issue: A

Item	Unit Qty	Description	Part No.	Checked
73	24	Insert plug M10	2611-016	
74	2	M8 pent key	2372-003	
75	2	M10/M12 pent key	2372-008	
Items marked * to be fitted before despatch				

Total No. of Items

Picked By:

Checked By:

COMPILED	REV	0	1	2	3	4	5
BY: AB	ECN No.	1655	1663	1672	Minor	Minor	Minor
DATE: 30/04/12	DATE	30/04/2012	12/09/2012	03/12/2012	23/09/2013	30/10/2013	13/03/2014
	SIGN	AB	AB	AB	MC	DB	DB
	REV	6	7				
	ECN No.	Minor	Minor				
	DATE	07/10/2014	24/08/2015				
	SIGN	MC	DB				