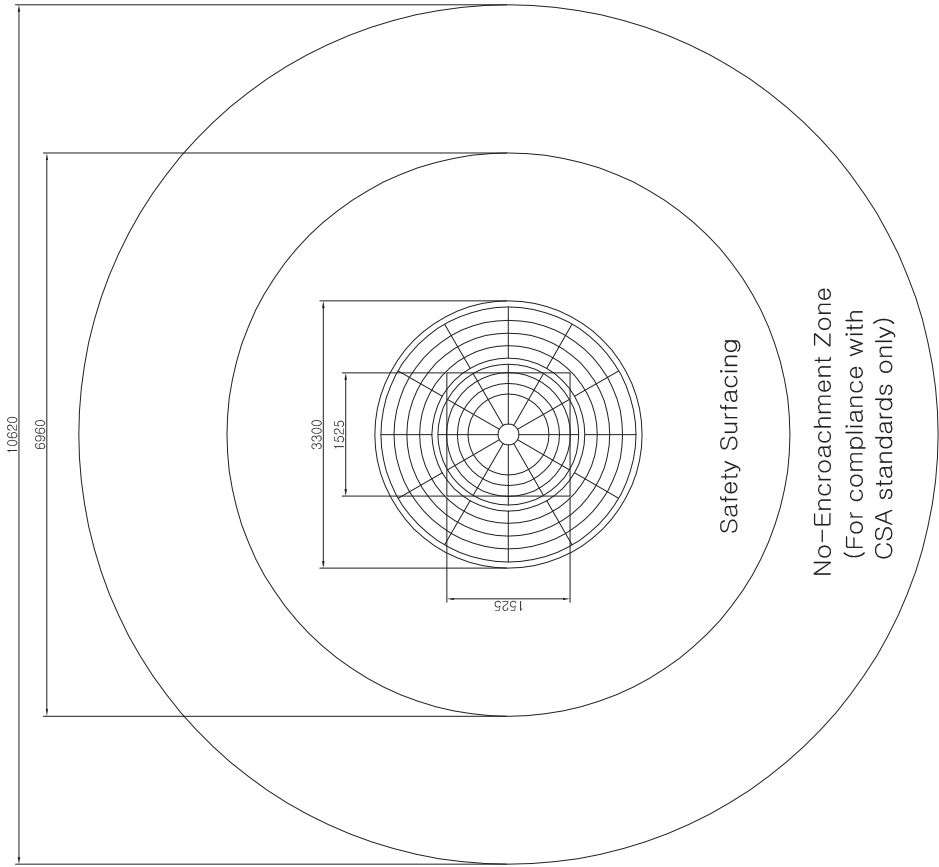
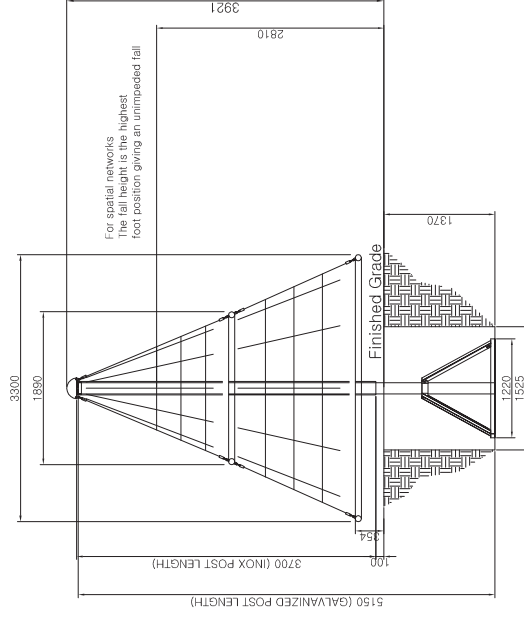




LAYOUT DRAWING

SCALE 1/30



FRONT VIEW

SCALE 1/30

GS-SC2100

PARTS CHECK LIST

NO.	Name	Qty	Description	Size	Material	Remarks
1	A2PO	1	GALVANISED POST	Φ139.8 * 5250mm	Steel	
2	A2PI	1	INOX POST	Φ165.2 * 3750mm	Stainless	UV polyester powder coating
3	PC26	1	POST CAP	Φ260 * 130mm	Stainless	UV polyester powder coating
		1	TOP NYLON BEARING	Φ158.4 * 50mm	Nylon	
		1	BOTTOM NYLON BEARING	Φ158.4 * 50mm	Nylon	
4	A2TN	1	UPPER NET	ROPEΦ20	Nylon Coating+Nylon Seal	
5	A2TS	1	SPIDER NET	ROPEΦ20	Nylon Coating+Nylon Seal	
6	A2LN	1	LOWER NET	ROPEΦ20	Nylon Coating+Nylon Seal	
7	A2TR	2	HALF ALUMINIUM RING	Φ75 *4T * Φ1890	Aluminium	UV polyester powder coating
8	APLR	4	ALUMINIUM RING	Φ75 *4T * Φ3300	Aluminium	UV polyester powder coating
9	A2DK	8	PVC COATING FLOOR	1200 * 1500mm	Steel	PVC coating
10	APNJ	6	NYLON JOINT	Φ75 * 100mm	MC Nylon	
11	CLT1	1 SET	HALF S.S COLLAR	Φ165.2 * 75mm	Steel	UV polyester powder coating
12	CLD2	1 SET	HALF S.S COLLAR (DECK)	Φ165.2 * 75mm	Steel	UV polyester powder coating
			BOLT,NUT			
13	EBM16	1	EYE BOLT	M16	Steel	
14	M1025	3	HSCS BOLT	M10 * 25mm	Stainless	cap assembly
15	M1035	4	HSCS BOLT	M10 * 35mm	Stainless	collar assembly
16	M1090	16	HSCS BOLT	M10 * 100mm	Stainless	deck assembly
17	10NN	20	NYLON NUT	M10	Stainless	
	10MW	24	WASHERS	M10	Stainless	
18	12M30	36	BOLT	M12 * 35mm	Steel	deck assembly
19	12M35	8	BOLT	M12 * 35mm	Stainless	collar(deck) assembly
20	12MN	44	NUT	M12	Stainless	
	12MW	88	WASHER	M12	Stainless	
21	M0855	12	ALUMINIUM RING FIX BOLT	M8 * 55mm	Stainless	ring assembly
22	M8N33	12	ALUMINIUM RING FIX NUT	M8 * 33mm	Stainless	
			BASE			
23	APBS	1	GALVANISED BASE	1220mm * 1220mm	Steel	Galvanized
24	AABR	4	ANGLE BRACE	4.5T * 1075mm	Steel	Galvanized
25	CLB3	1 SET	BASE HALF COLLAR	Φ139.8 * 75mm	Steel	Galvanized
26	12M35S	20	BOLT	M12 * 35mm	Steel	Galvanized
27	12MW	20	WASHERS / SPRING WASHERS	M12	Steel	Galvanized
	12MN	20	NUT	M12	Steel	Galvanized
28	GSSP	1	TOUCH UP SPRAY			

GSWeb Playground Equipment

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Web site) www.gsweb21.com



Features

The series is the 21st Century merry-go-round. Our special bearing system controls the rotation speed so that the children can safely enjoy the same exhilarating experience as a merry-go-round.

The GS-SC2100 features **GS Web Technology** which includes the highest steel content and the strongest connection materials in the industry, including a steel-wire core in our edge ropes and connection points crushed in place with over 75 tons of pressure to ensure long life of the games and maximum safety for the children.

The solid-deck floor provides a safe place for children of all ages or abilities to join in the fun.

GS Web Rotating Climbers help bring movement, balance, exercise and fun back into the playground.

Ages: 5 to 12 years
Capacity: 39 children
Size: D: 10' 10" / 3.30m
H: 12' 8" / 2.85m
Use zone: D: 23' 11" / 7.30m

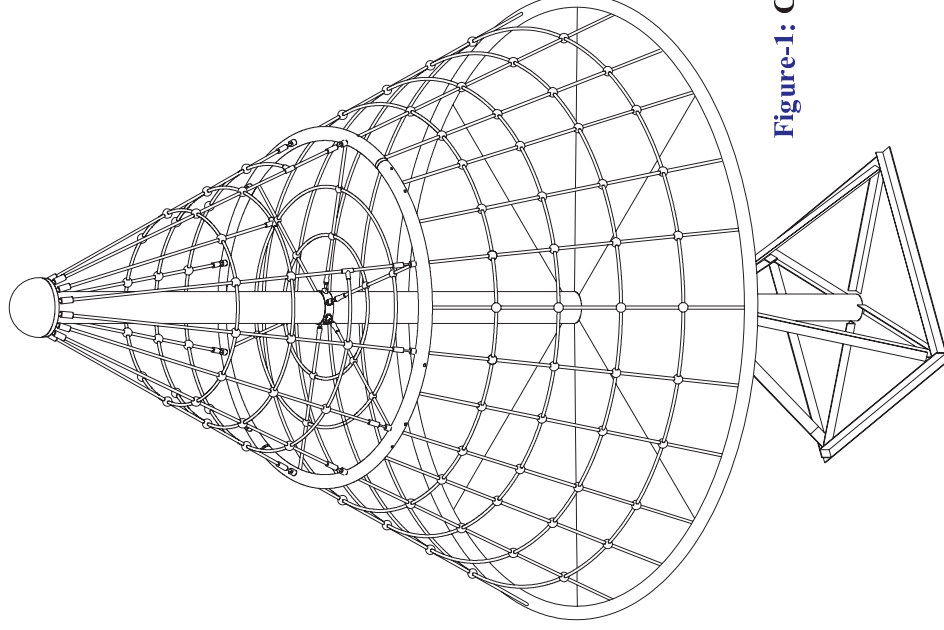


Figure-1: Completed Spacecraft with Floor

Safety area

The requirements for space and safety clearances are taken from BS-EN 1176-1 / ASTM-F1487 / CSA Z614
The use zone for stationary play equipment shall extend no less than 72 in. (1830mm) from all sides of the play structure.

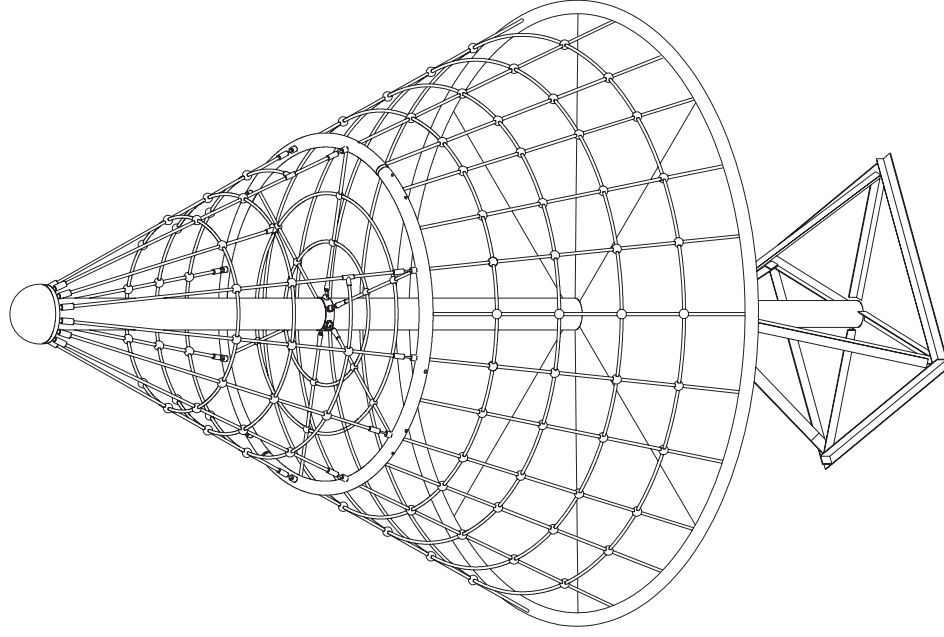


Figure-2: Install

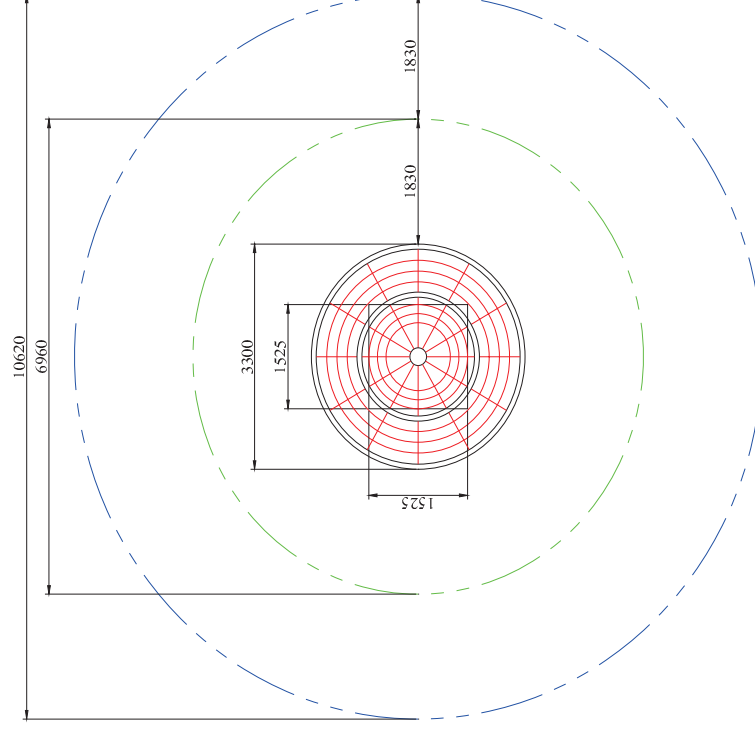
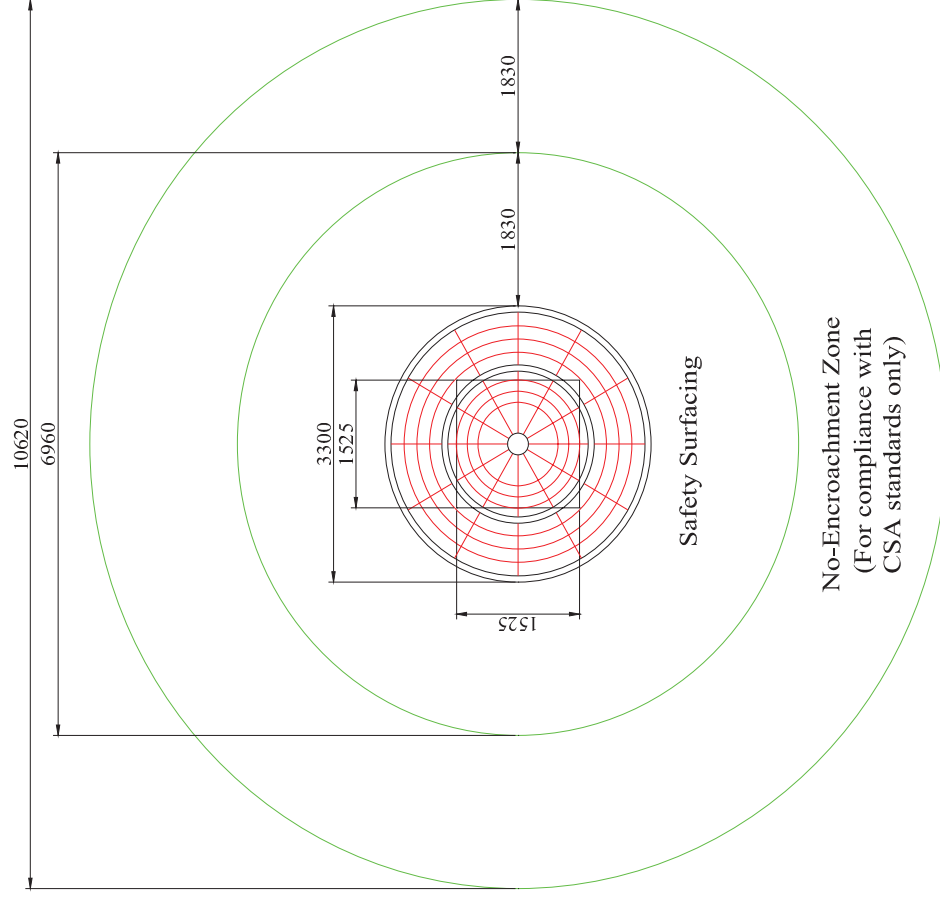


Figure-3: Safety area



Foundation

Measure location of game and dig a hole
5' x 5' x 4' 6" deep centered on the center of the game.

**Imperial/Metric
conversion:**
48" = 1220mm
54" = 1370mm
60" = 1525mm
72" = 1830mm
130" = 3300mm
152" = 3850mm
274" = 6960mm
418" = 10620mm

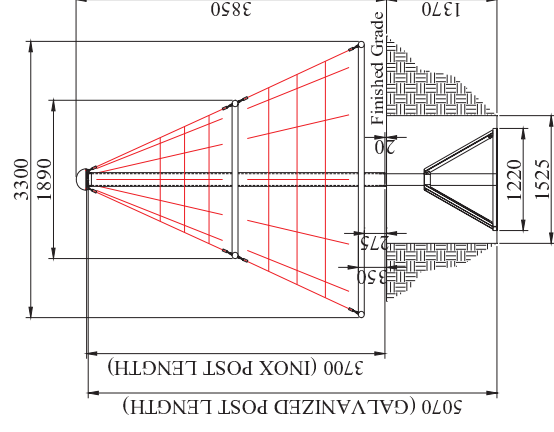


Figure-4: Foundation layout

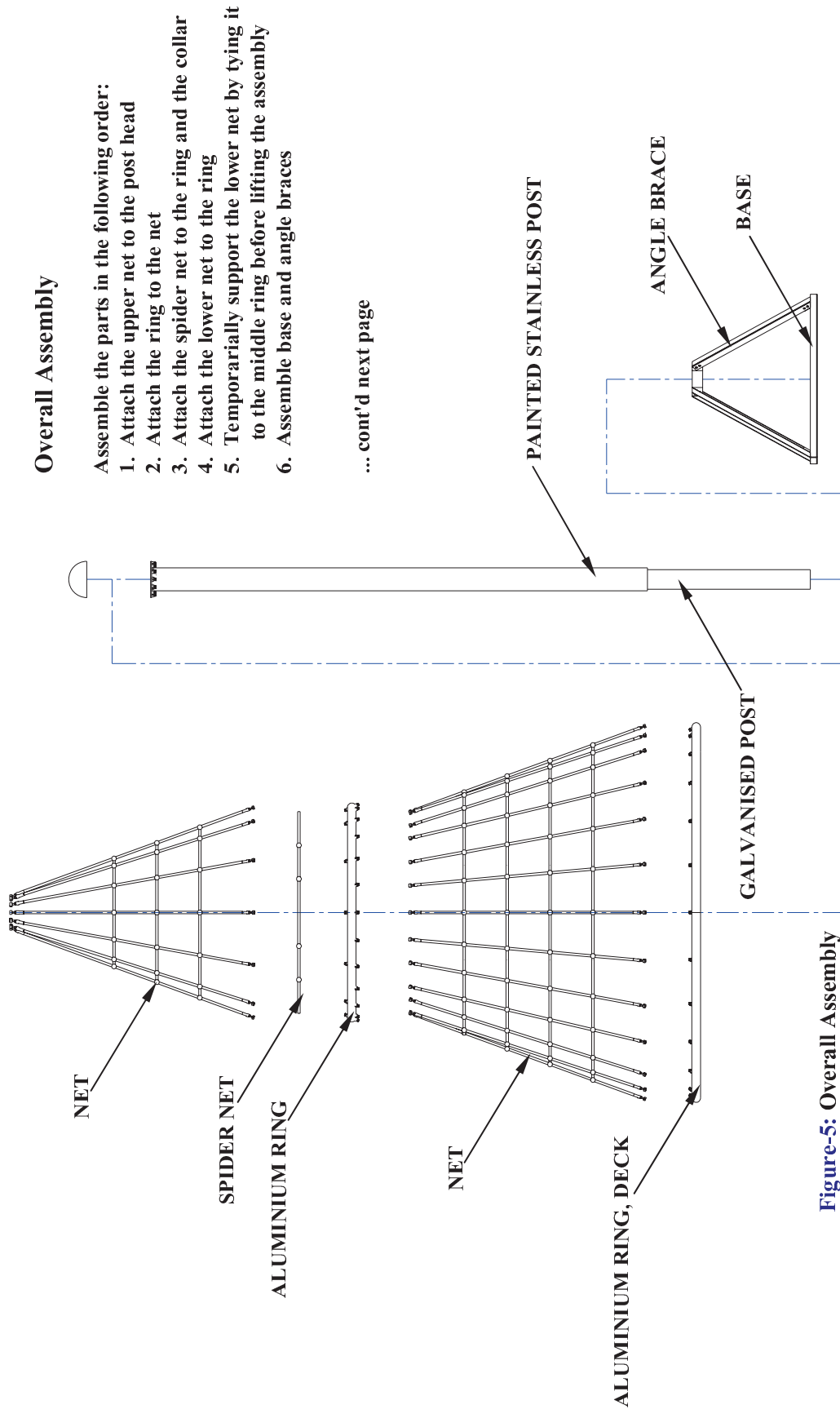


Figure-5: Overall Assembly

7. Screw the eye bolt to the top of the galvanized post
8. Lift the assembly and place the post into the assembled base.
Use a backhoe with nylon strap or chain with safety hooks
9. Level the post and fill with excavated ground,
recompacting excavated ground
10. Install the protective surface
11. Assemble the lower ring and deck, attach to lower net.
12. Attach deck to collar on the post
13. Remove eye bolt and install the cap

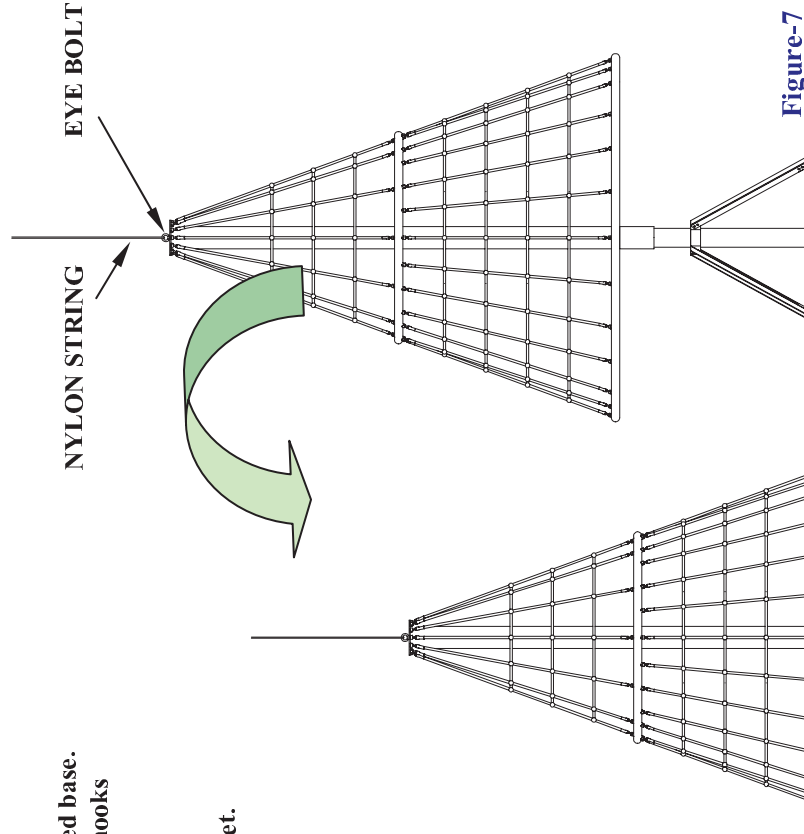


Figure-7

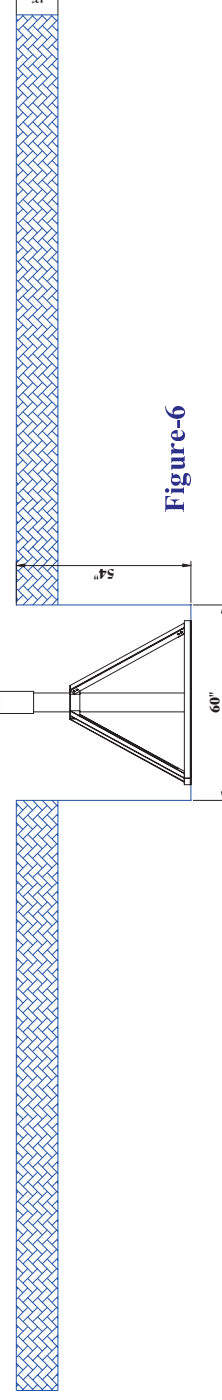


Figure-6

Assemble the two half ring at the net with the nylon joint
Align the opening in the net with the ring fasteners

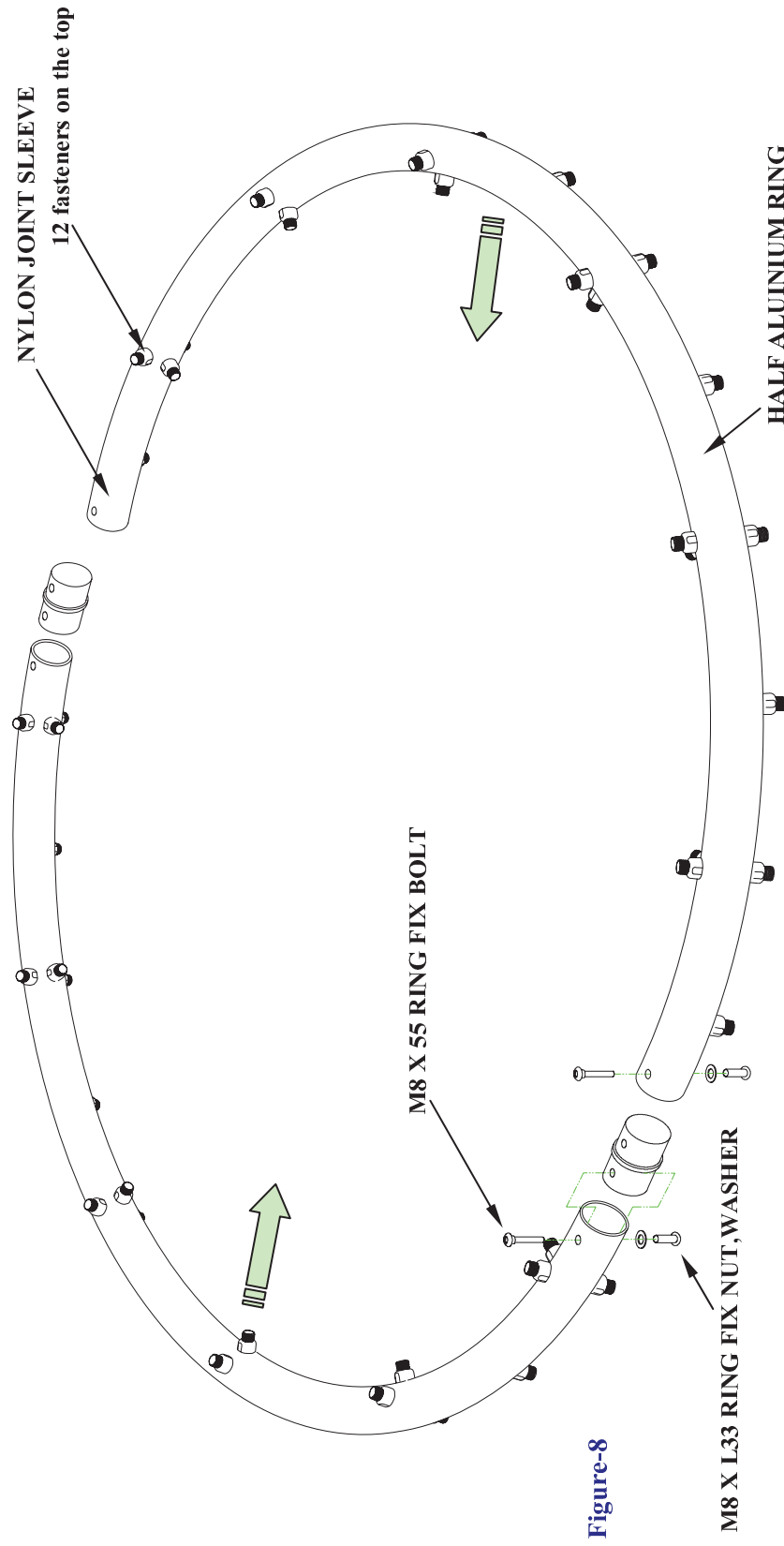
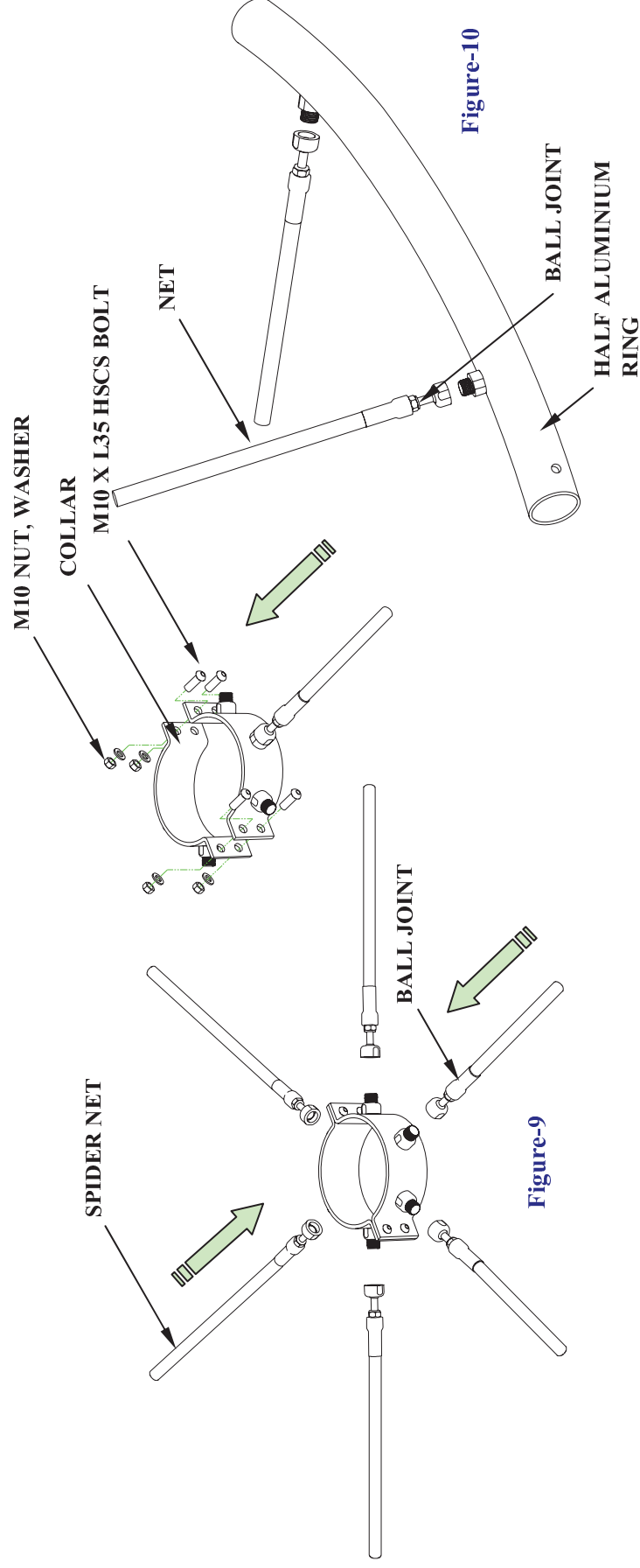


Figure-8



Attach the ring to the upper net
Attach the spider net to the ring and the collar

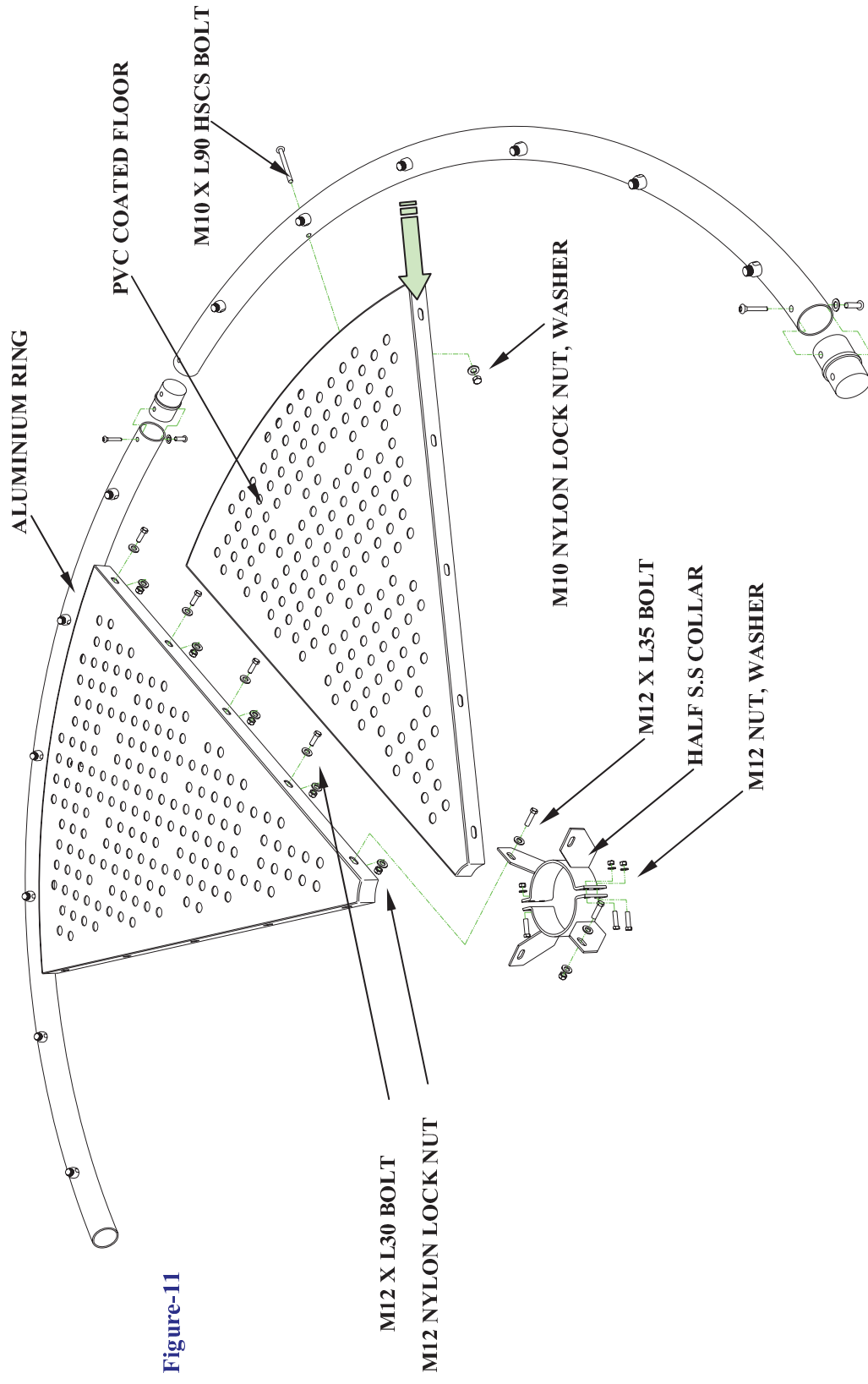


Figure-11

Figure-12

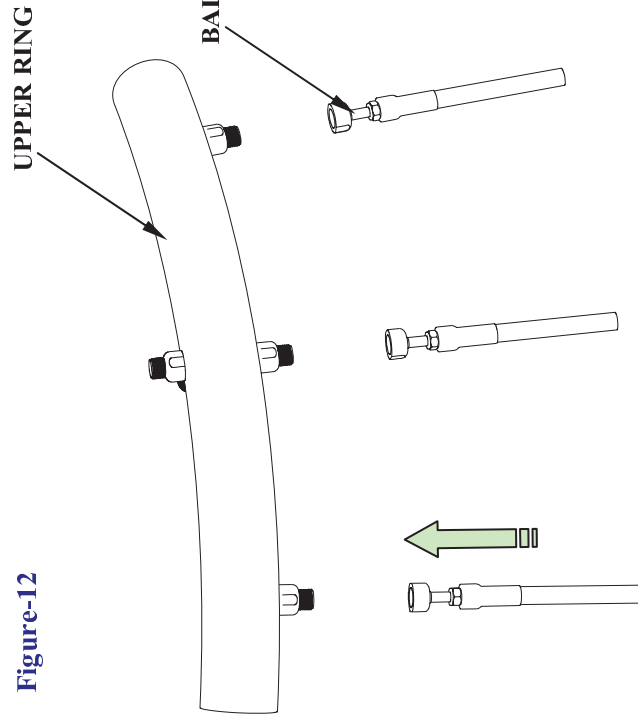
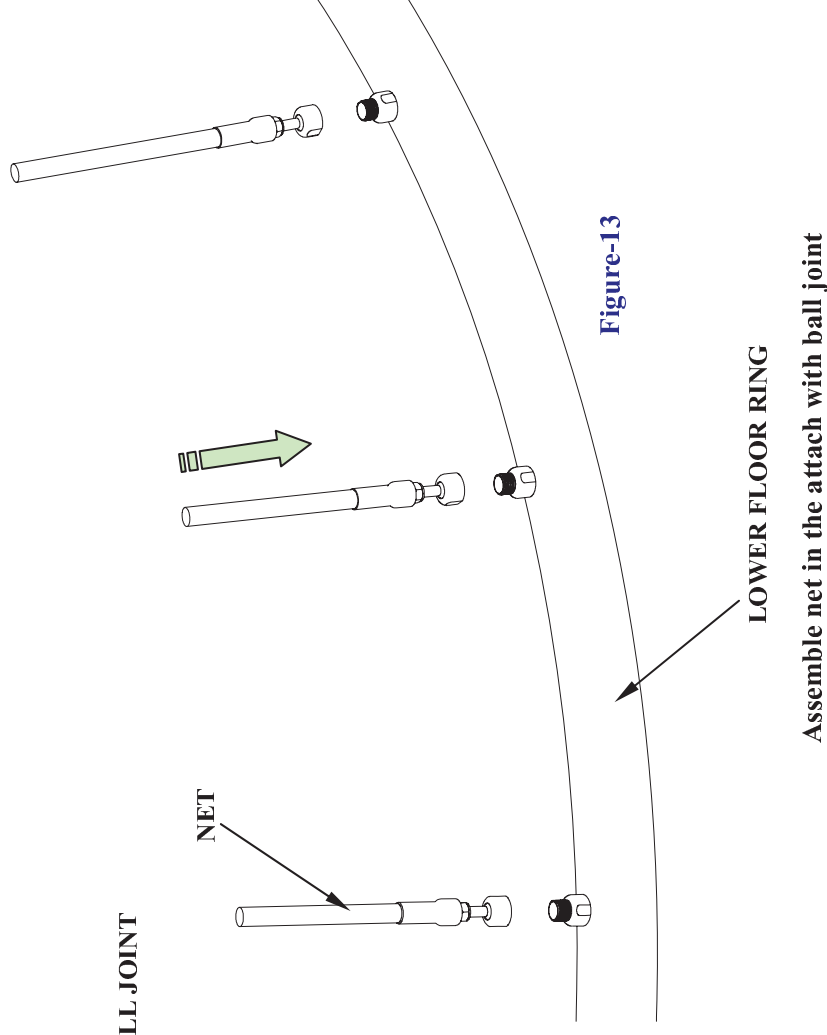


Figure-13



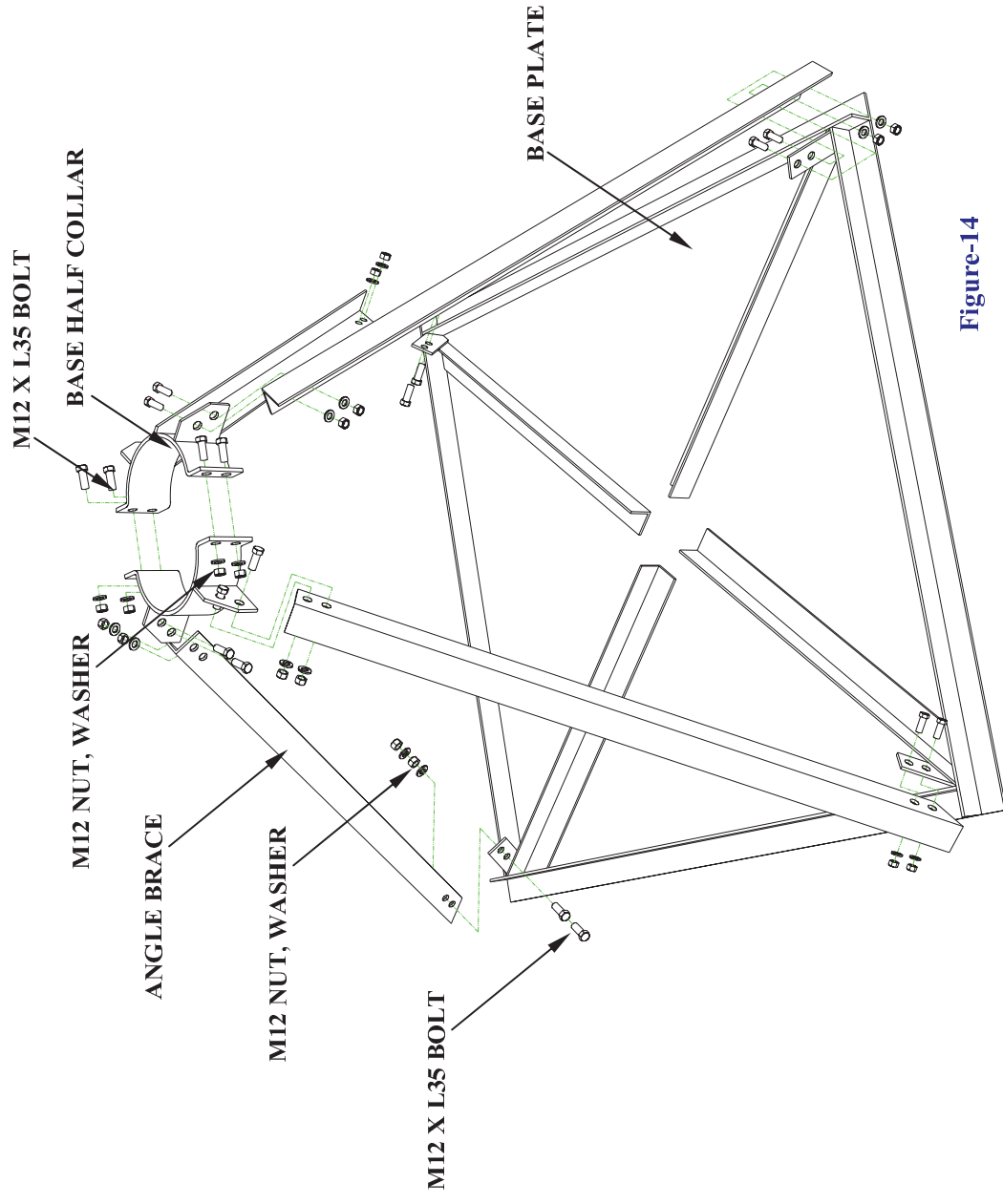
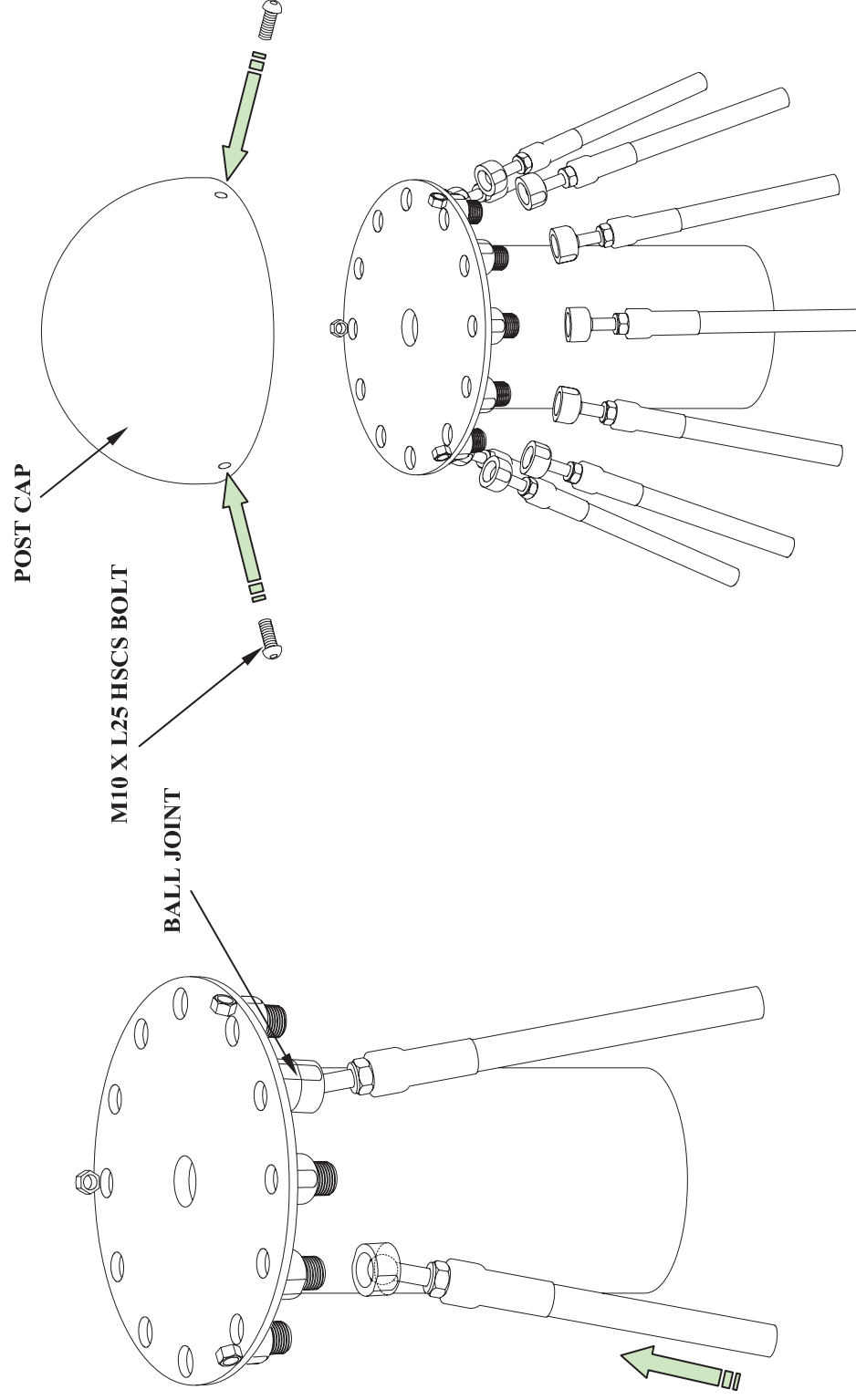
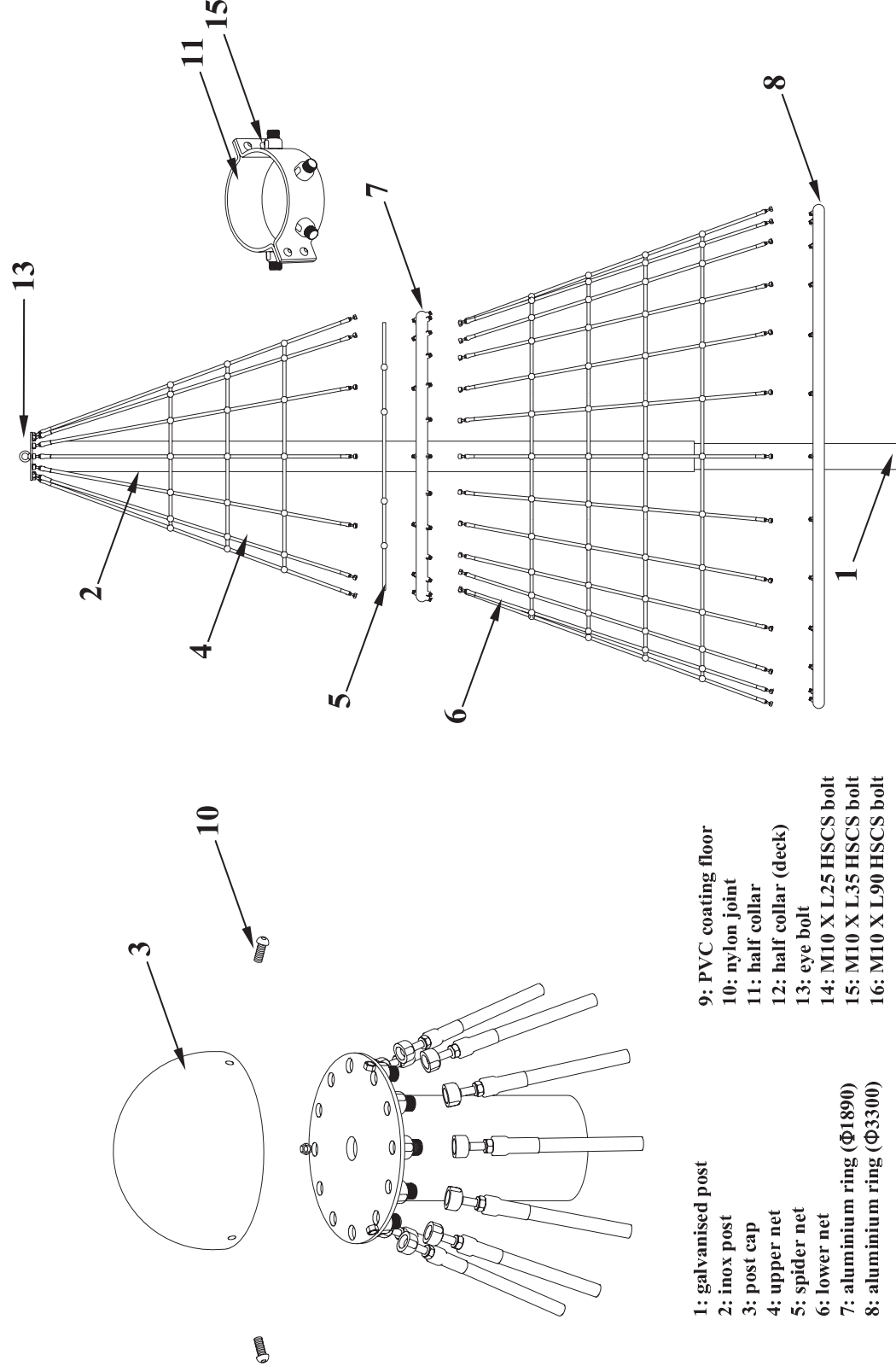


Figure-14



Remove the eye bolt Install the cap with HSCS bolt

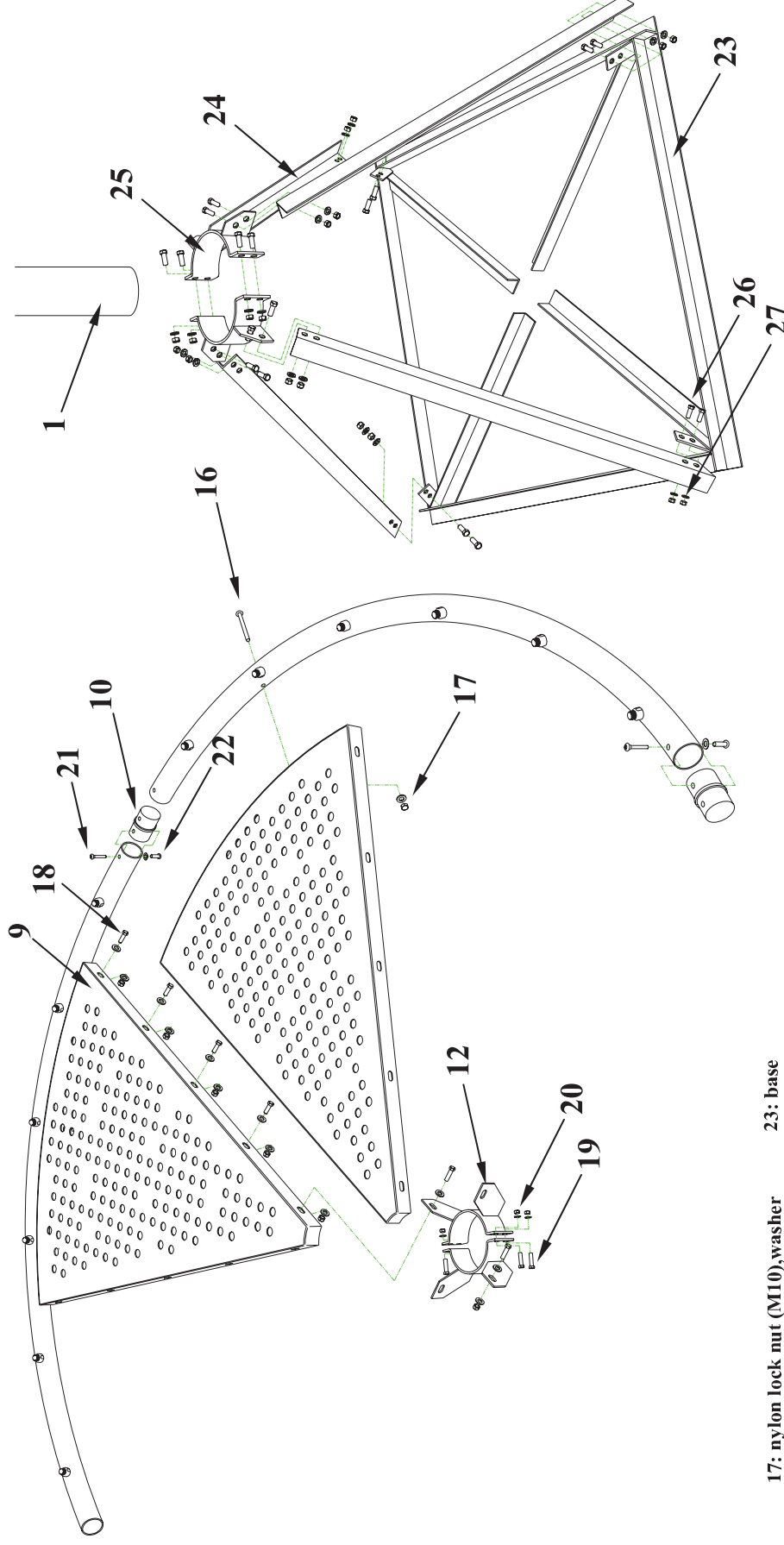


- 1: galvanised post
- 2: inox post
- 3: post cap
- 4: upper net
- 5: spider net
- 6: lower net
- 7: aluminium ring (Φ1890)
- 8: aluminium ring (Φ3300)

- 9: PVC coating floor
- 10: nylon joint
- 11: half collar
- 12: half collar (deck)
- 13: eye bolt
- 14: M10 X L25 HSCS bolt
- 15: M10 X L35 HSCS bolt
- 16: M10 X L90 HSCS bolt

SPACECRAFT Parts list

MODEL NO.
GS-SC2100



17: nylon lock nut (M10), washer

18: M12 X L30 bolt

19: M12 X L35 bolt

20: M12 nut, washer

21: M8 X L55 fix bolt

22: M8 X L33 fix nut, washer

23: base

24: angle brace

25: base half collar

26: M12 X L35 bolt

27: M12 nut, washer

A. General safety measures

On the playground there should be a sign(pictogram) giving the following information:

- a) general emergency telephone number;
- b) telephone number to contact maintenance personnel;
- c) name of the playground;
- d) address of playground; and
- e) other relevant local information, if applicable.

The entry, exit and emergency paths to and from a playground, intended for use by the public and emergency services, should be accessible and free of obstacles at all times.

NOTE Attention is drawn to local regulations.

B. Procedures

Defects that occur during operation and which put safety at risk should be corrected without delay. If this is not possible, the equipment should be secured against use e.g. by immobilization or removal.

There should be written operational procedures covering the measures to be taken in the event of accidents, fire and the like.

Until unsafe equipment is repaired and released for use, access by the public should be prevented. Information about accidents brought to the attention of the manager should be recorded on a form that includes the following details:

- a) date and tie of accident;
- b) age and sex of victim and clothing worn, Including footwear;
- c) equipment involved;
- d) number of children on site at the time of the accident;
- e) description of accident;
- f) injury sustained including part(s) of body affected;
- g) action taken;
- h) witness statements;
- i) any subsequent equipment modification;
- j) weather conditions; and
- k) any other relevant information.

C. Routine maintenance

To reduce accidents, the owner or operator should ensure that an appropriate routine maintenance schedule is established, implemented and maintained. This should take into account local conditions and the manufacturer's instructions that can affect the necessary inspection frequency. The schedule should list the components to be maintained and should also give procedures for dealing with complaints and breakdowns.

The routine maintenance of playground equipment and surfaces should consist of preventative measures to maintain their level of safety, performance and compliance with the relevant part(s) of EN 1176. Such measures should include:

- a) tightening of fastenings;
- b) re-painting and re-treatment of surfaces;
- c) maintenance of any impact attenuating surfaces;
- d) lubrication of bearings;
- e) marking of equipment to signify loose fill finished surface level;
- f) cleaning;
- g) removal of broken glass and other debris or contaminants;
- h) restoring loose fills to the correct level; and
- i) maintenance of free space areas.

D. Corrective maintenance

Corrective maintenance should include measures to correct defects, or to re-establish the necessary levels of safety of the playground equipment and surfaces. Such measures should include:

- a) replacement of fastenings;
- b) welding of welding repairs;
- c) replacement of worn or defective parts; and
- d) replacement of defective structural components.

E. Personal safety

Repairs during operation that could put the safety of maintenance personnel of the public at risk, should be avoided.

F. Equipment alterations

Alterations to parts of a piece of equipment or structure that could affect the essential safety of the equipment should only be carried out after consultation with the manufacturer or a competent person.