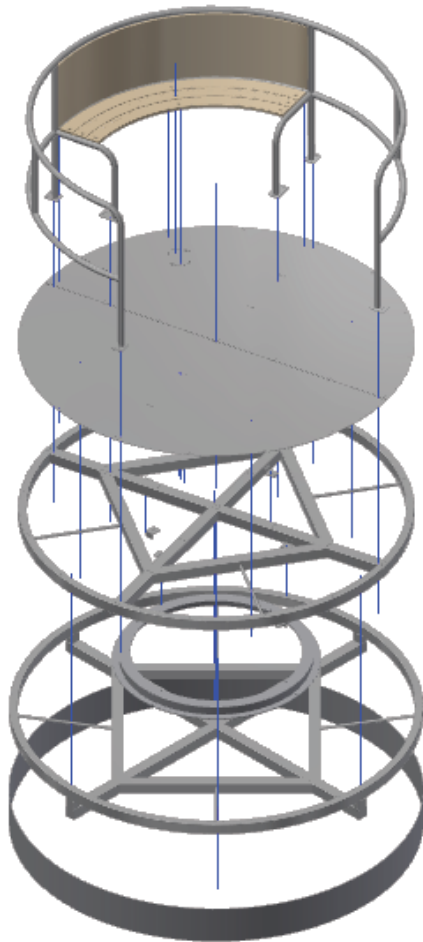


IP 12 Wheelspin

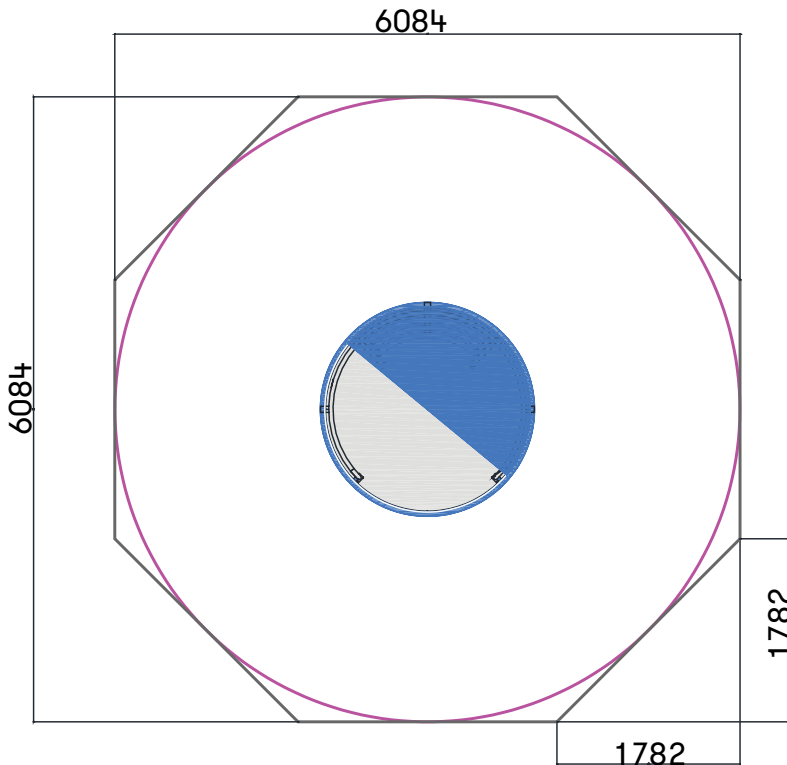
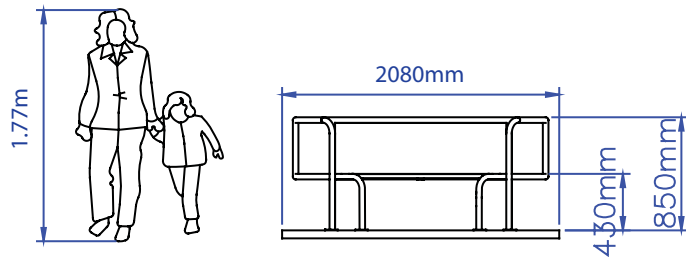


IP 12 Wheelspin - Exploded View



Item	QTY	Part Number	Description
1	1	2102-BF	Base Frame
2	4	2102-SC	Skirt Cover
3	1		Slew Ring Bearing
4	1	2102-TF	Top Frame
5	3	2102-FQ	Floor Quadrant
6	1	2102-FQ-AP	Floor Quadrant Access Plate
7	1	2102-FQ-AC	Floor Quadrant Access Cap
8	1	Remote Greasing Nipple	
9	48	M10 x 20mm Security	Allen Key Locking
10	8	M12 x 30mm	
11	8	M12 Nyloc	
12	9	M10 x 30mm CSK	
13	6	M10 x 40mm Security	
14	15	M10 Nyloc	
15	15	Bolt Cover Caps	
16	16	S-MDW51C	Self Drilling Screw 16mm Washer (Carbon Steel)

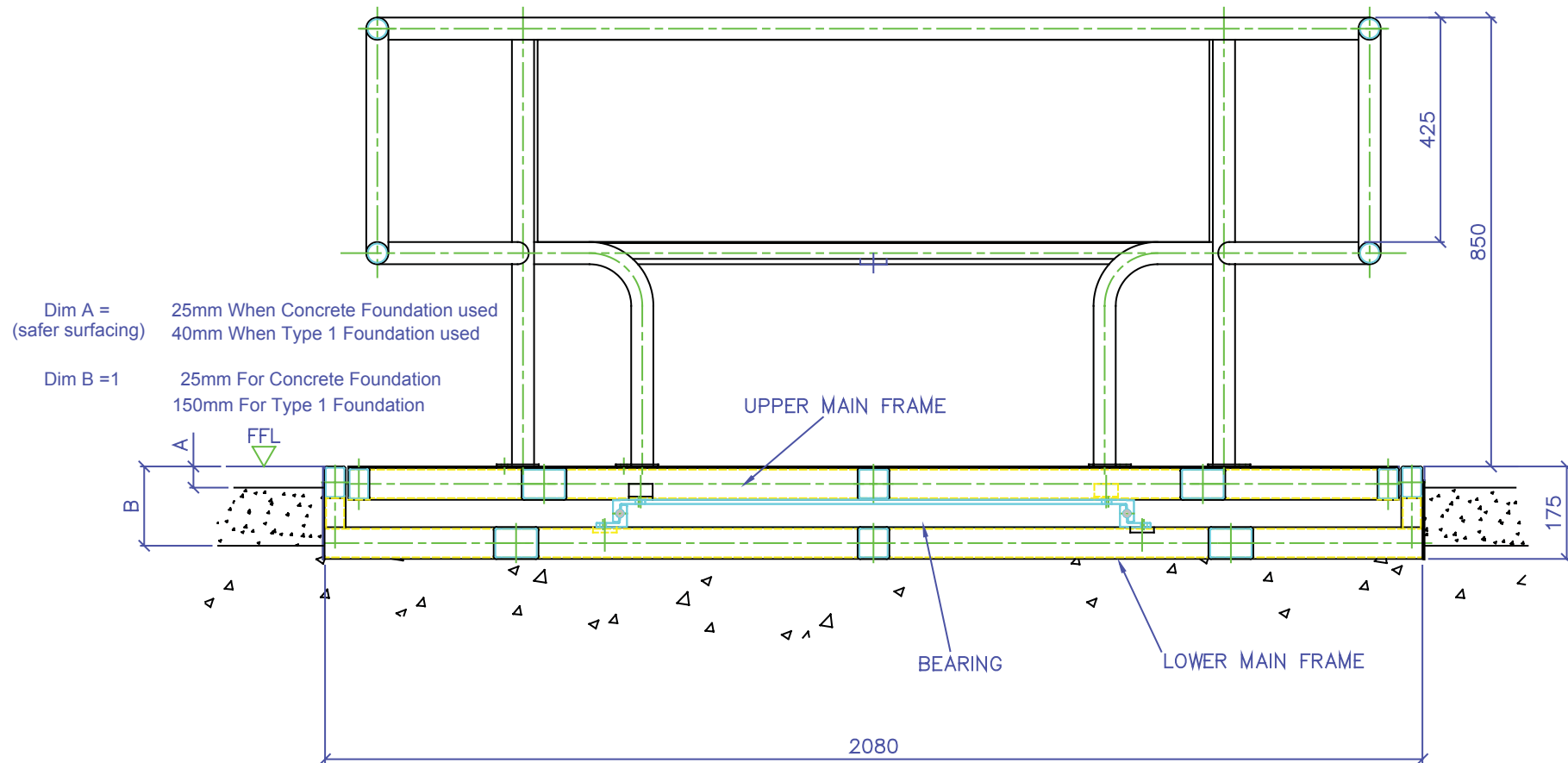
IP 12 Wheelspin - Safer Surfacing Details



Wetpour Area	Area (m ²)
Circle	25.6
Octagon	27.3

1. Mark out 6084mm x 6084mm sq, to allow for edging and concrete backing.
2. Mark in 1782mm from all from all corners to create octagon shape required for with edging, for without edging on hard surface use circle shape. Excavate the area required.
3. If having concrete finish before safer surfacing excavate area 125mm in depth, this allows for 100mm concrete and 25mm safer surfacing.
4. If having foundation type 1 material, excavate area 150mm in depth, this allows for 110mm for type 1 and 40mm safer surfacing.
5. Set out 3040mm from edge, to reach centre of the circle and draw 1040mm radius circle for wheelspin base, excavate area 200mm in depth.
6. Remove handrail and floor quadrants and separate the rings from wheelspin roundabout by removing bolts on top part of bearing. Place wheelspin base frame (outer ring) into centre excavation, making sure the ring is central with edging and the top of the wheelspin frame (inner ring) is flush with the top edging around perimeter.
7. Concrete outer ring up to top of 60 x 60 SHS base frame ring. Please see figure 1 for concreting details.
8. Concrete / or type 1 the rest of the excavated area around the outside of the ring to the depths above.
9. Bolt on top platform, floor quadrants and handrail.
10. Lay safer surfacing to depths above.

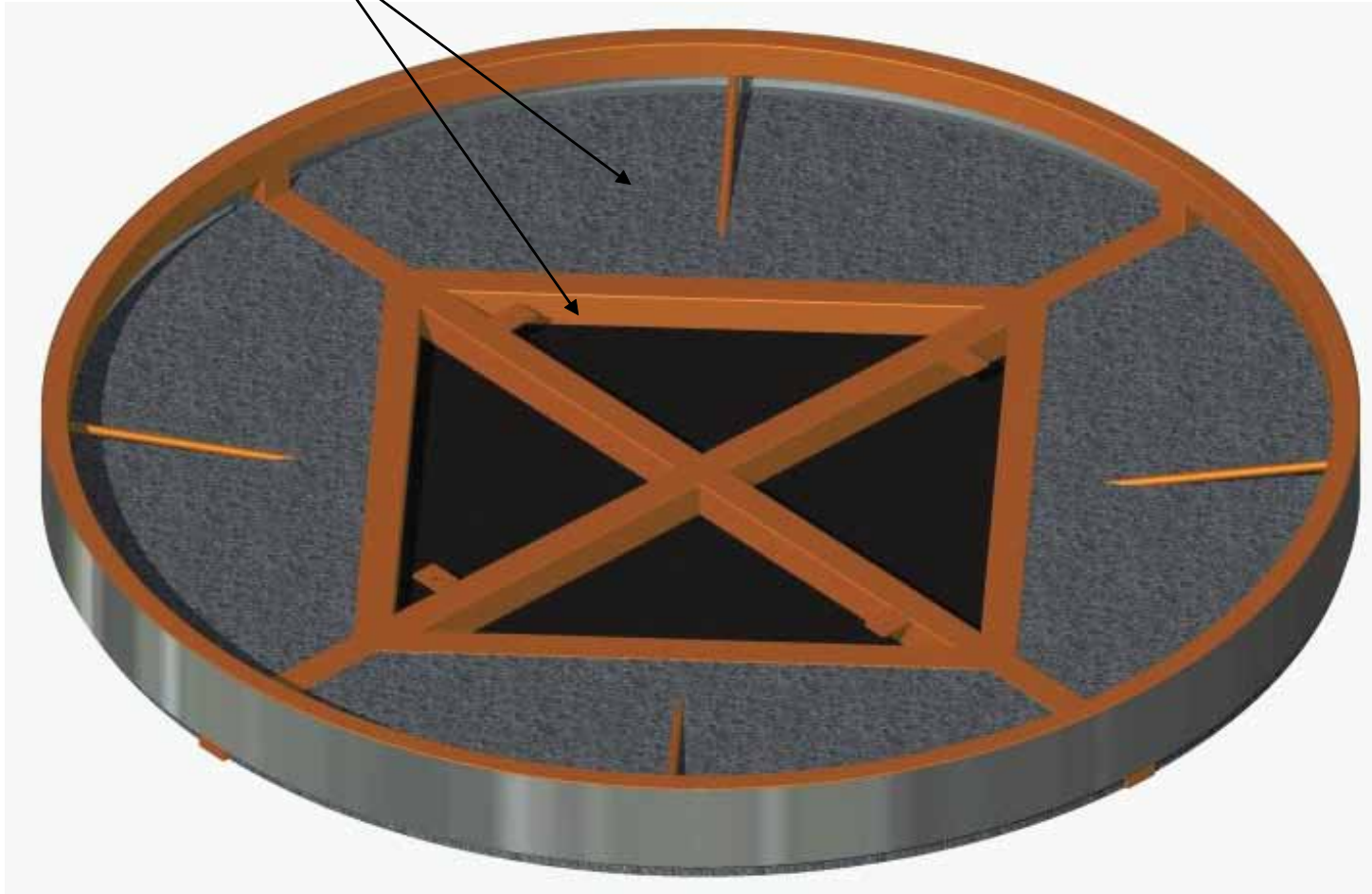
IP 12 Wheelspin - Foundation Details



IP 12 Wheelspin - Figure 1



Concrete outer areas only. Do not concrete centre of frame, this is to allow for drainage



IP 12 Wheelspin - Specifications



SPECIFICATIONS

Base frame:	Manufactured from 60 x 60 SHS & 60 x 30 RHS
Inner frame:	Manufactured from 60 x 60 SHS & 60 x 30 RHS
Bearing:	JOST1050N
Floor quadrants:	3mm durbar floor quadrant
Handrail:	Manufactured from 43mm CHS
Seat plate:	3mm steel plate
Fastenings:	Tamper proof zinc plated
Welding:	Copper free wire to BS EN440
Finish:	Zinc primed & polyester powder coated
Type of use:	External use only

ROUTINE VISUAL AND OPERATIONAL INSPECTIONS TO BSEN1176. 6.4

1. Carried out every 3 months. The frequency of inspection will vary depending upon the type of equipment or materials used and other factors e.g. Heavy use, levels of vandalism, coastal location, air pollution and age of equipment.
2. Check general structural integrity and for any loose fixing bolts, tighten if necessary.
3. Check paint work for damage, touch up if required (paint available from Inclusive Play).
4. Check for excessive wear on any parts.
5. On rotation of unit listen for any abnormal noise from bearing.
6. Check surfacing for excessive wear or damage.
7. If subject to heavy use or vandalism daily inspection recommended checking for loose/dangerous parts, clearances, ground surfaces, sharp objects, missing parts, excessive wear, check cleanliness of equipment on site.

NOTES

1. Lifting assistance required.
2. Only use genuine spare parts available from Inclusive Play.
3. Remove all installation equipment before first use.
4. Care must be taken under abnormal conditions to ensure sufficient foundation depth is available.
5. Wheelspin must be installed into level ground.

MAIN INSPECTION

1. Carried out annually.
2. Close off surrounding area to create safe environment during maintenance and apply warning signs.
3. Remove handrail.
4. Remove floor quadrants.
5. Check bearing for excessive wear, replace if required.
6. Apply a good quality waterproof grease to bearing at all grease points.
7. Refit floor quadrants and replace any bolts if damaged.
8. Refit handrail.
9. Check for smooth operation.

IP 12 Wheelspin - Bearing Maintenance



Locate the inspection hatch underneath the roundabout seat. Unfasten the 4x security screws using the security allen key provided with the maintenance pack. Locate the grease nipple underneath the floor quadrant. Turn the wheelspin while greasing to ensure the whole bearing is fully lubricated. **Use waterproof grease only.**