



Tempes



Installation, inspection & Maintenance Guide 2008



RP405 Tempest Footing Details

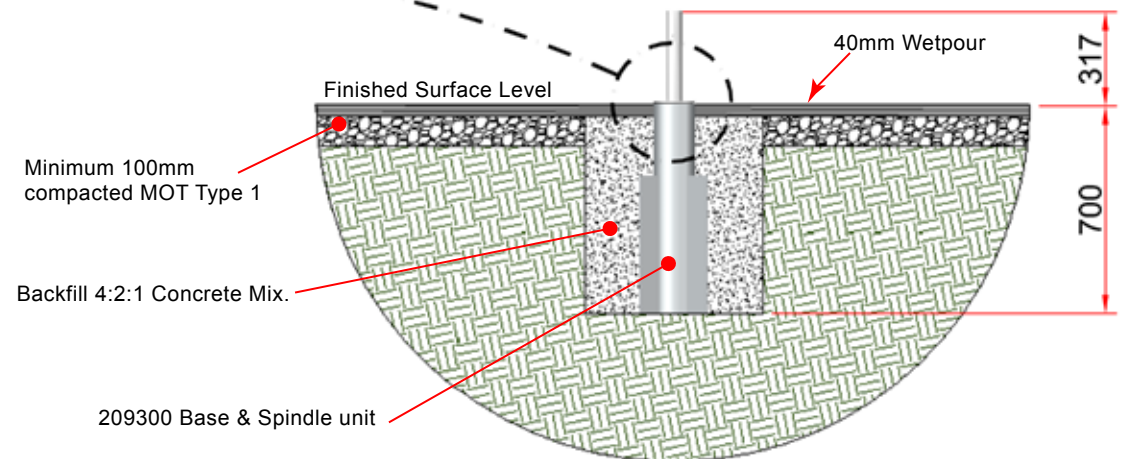
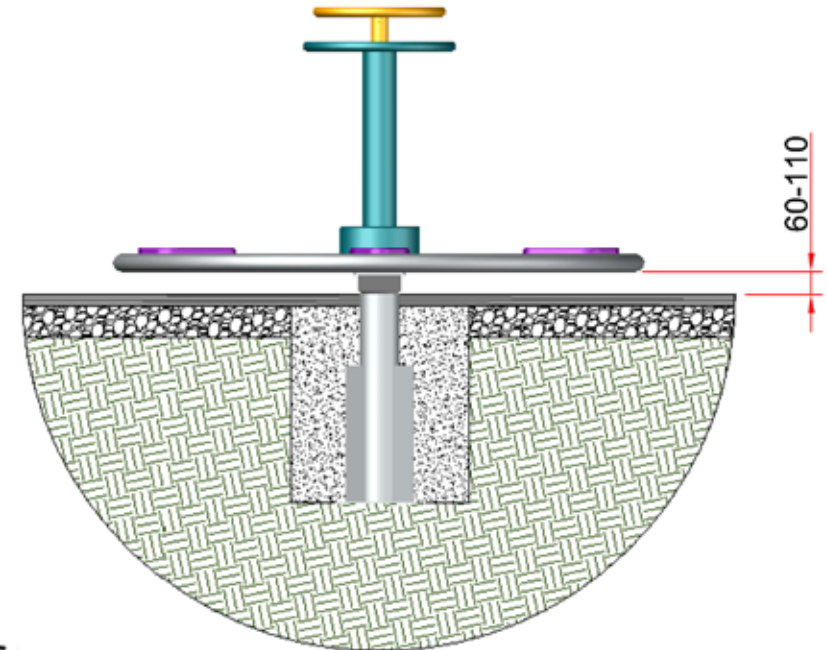
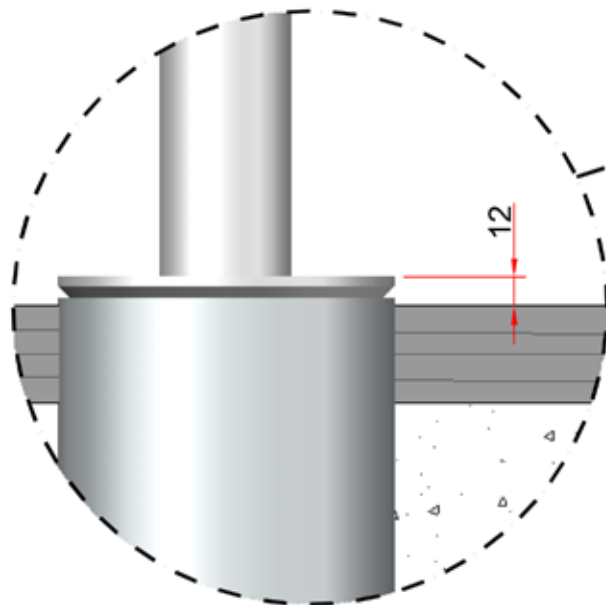
Please read this installation guide in its entirety prior to commencing any installation works

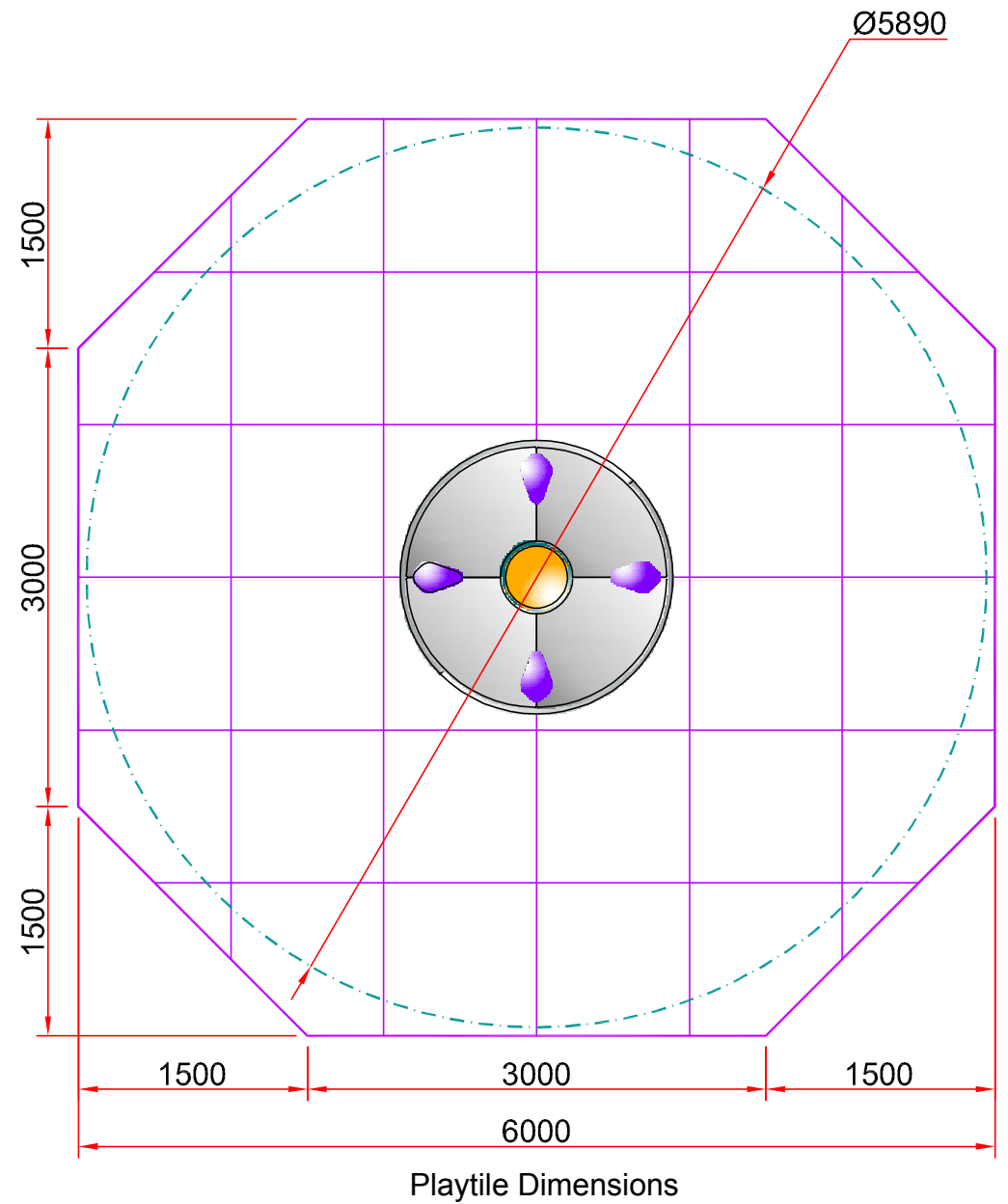
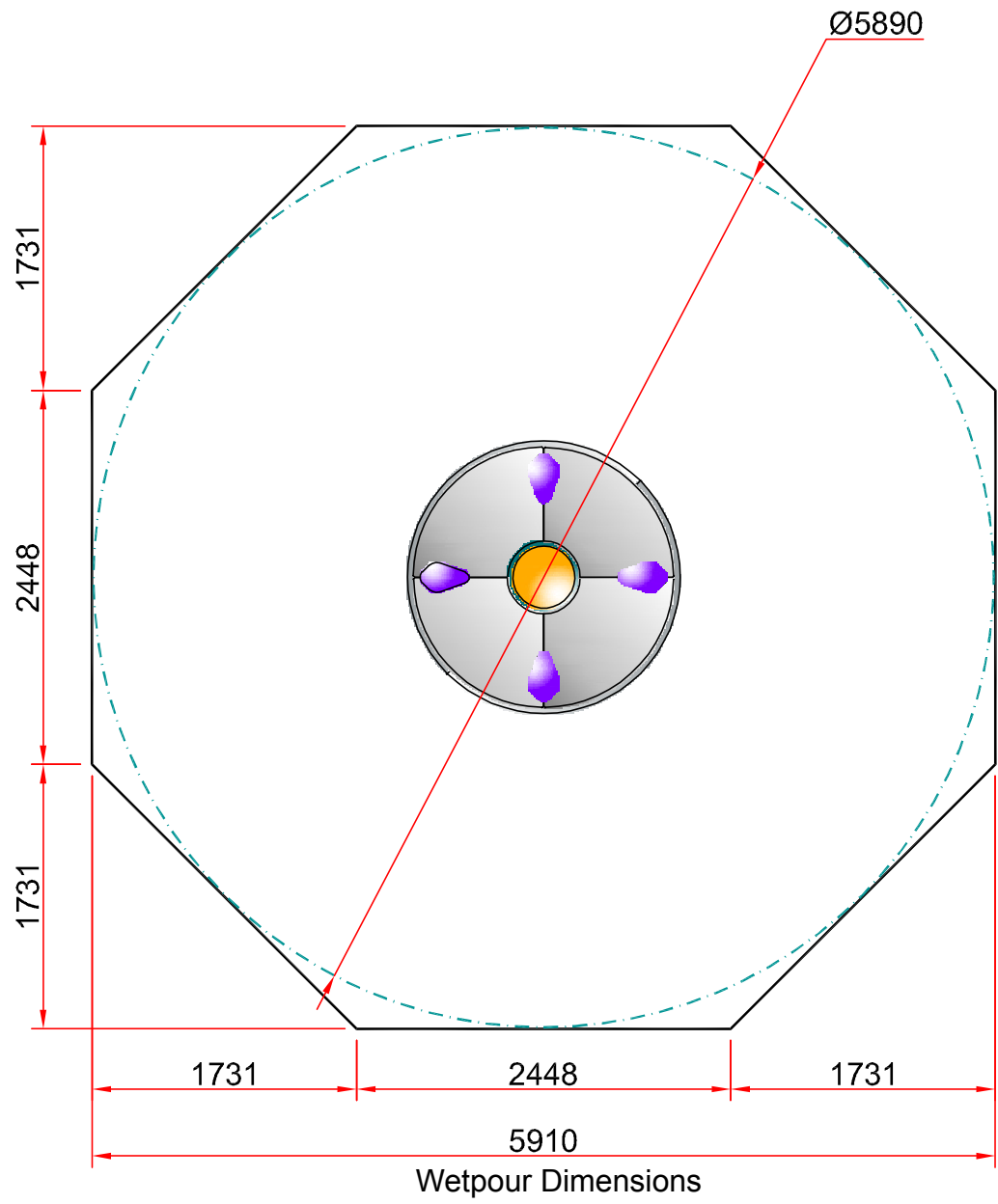
General Notes:

- A. Ensure both bearings are tightened to 110Nm (80 lb ft) and the method of tightening is diagonal. **NOTE: Rotate roundabout 20 times to bed in bearings prior to first use.**
- B. **EN1176-5: Ground clearance at the perimeter is between 60 and 110mm and should be maintained for 300mm towards the axis and the remaining surface shall have a clearance of at least 60mm.**
- C. The Free Space/Falling Space for Tempest is $\text{Ø}5890\text{mm}$.
- D. Constructional Space Requirement is $\text{Ø}10\text{m}$
- E. Foundation detail assumed good ground conditions, care should be taken concerning abnormal ground conditions.
- F. Check tightness of bolts following a 2 week run in period.
- G. Replacement components must comply with Record RSS Ltd specifications.
- H. Ensure level surface on all equipment.
- I. Warning, some of these components may exceed the single persons lifting allowance.
- J. Ensure equipment is protected from usage during installation, repair and maintenance periods.
- K. Touch up damaged paint work with paint provided.
- L. This installation does not require any assembly aids.

Base & Spindle Unit Installation Sequence.

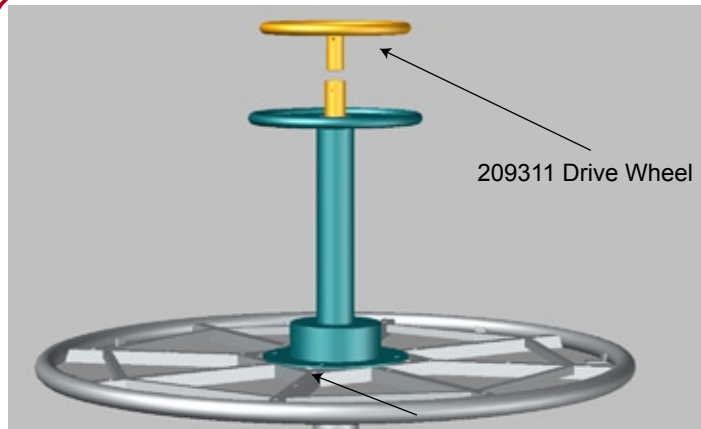
1. Excavate foundations as indicated below.
2. Set Roundabout base & Spindle unit (209300) into previously excavated foundations ensuring dimensions below right are correct and that the spindle is level and plumb.
3. Backfill with 0.25m^3 Concrete @ 4:2:1 Mix and allow 60 hours curing time before assembling the rest of the Roundabout.



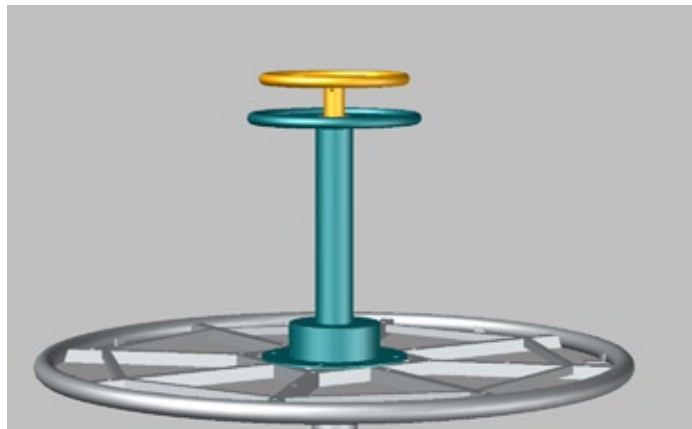




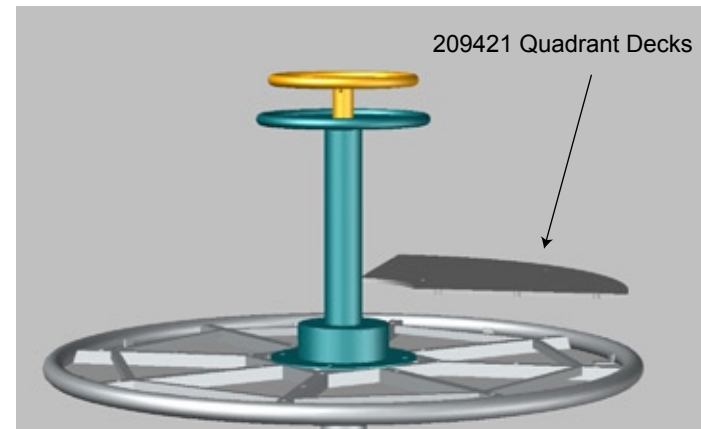
RP405 Tempest - Platform/Handrail Assembly Sequence - 2 of 2



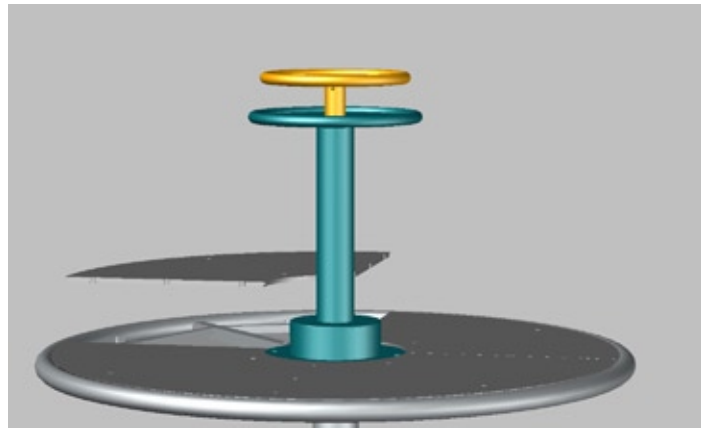
STEP 10 - Lower Drive Wheel 209311 and fit to the top of the spindle extension



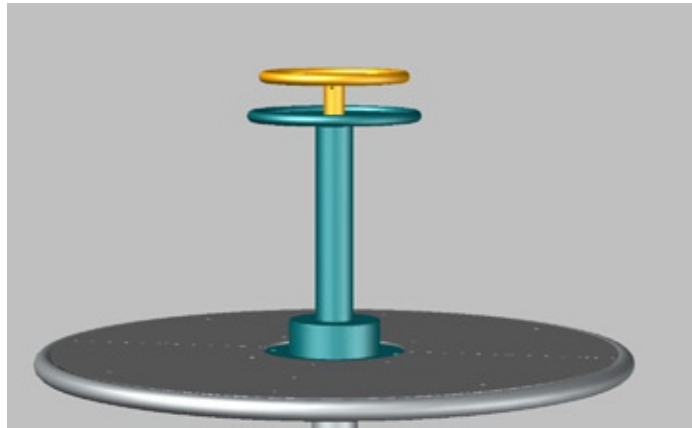
STEP 11 - Fix drive wheel to spindle extension using 2 No M12 x 30 Resistorx.



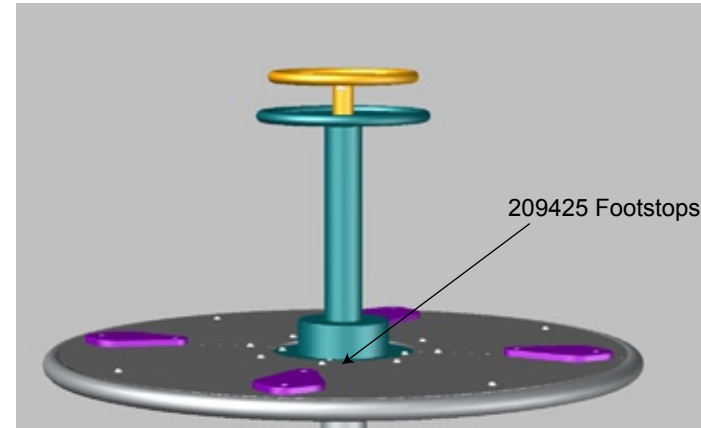
STEP 12 - Begin positioning Platform Quadrants 209421 onto platform frame.



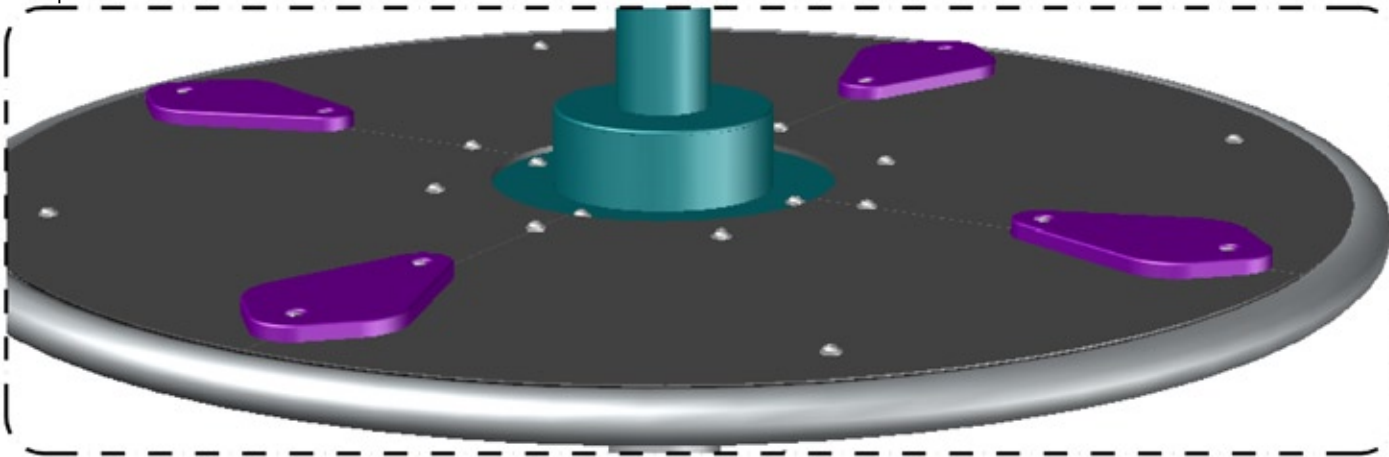
STEP 13 - Continue placing Quadrant decks ensuring even spacing between quadrants



STEP 14 - Loosely fix Platform quadrants using M10 Resistorx c/w washers.



STEP 15 - Fit Footstops (209425) to platform frame through quadrant decks using 8 No M10 x 40 c/w Washers



STEP 16 - Fit remaining M10 x 30 Resistorx c/w washers to fasten down Quadrant decks

