1. Concrete core slab floor 300mm
2. Roof and stadium cooling installations
3. Steel interlocking connections between rigidity tube rings
4. Steel foot connection to concrete
5. Steel rigidity ring, Ø1600mm
6. Existing reinforced concrete stadium structure
7. Fibre reinforced polyester airscoop tubing for ultrasonic mist cooling
8. Electricity cabling
9. Aluminium profiles to connect arches sidewards 20x200mm
10. Steel trapezoid box beams 600x1000x400mm
11. Welded steel connections 10x150mm
12. Aluminium profiles to connect arches sidewards 20x200mm
13. Vierendeel truss arch 2200x600mm
14. Steel suspension cables Ø100mm
15. Bracing cables Ø20mm
16. Steel interlocking connections between beams
17. Steel interlocking connections between beams
18. Operable part aluminium connection for maintenance
19. Detail AA1 1:20
20. Detail AA1.1 1:5
21. Detail AA2 1:20
22. Detail AA3 1:20
1. Cables for attachment to the primary structure
2. Steel cables fabric structure Ø50mm
3. Aluminium profiles to connect arches sideward 20x200mm
4. Ultrasonic mist cooling nozzles Ø50mm
5. Steel suspension cables Ø100mm
6. Aluminium profiles as glass-fabric connections Ø120mm
7. Water tubing for ultrasonic mist cooling
8. Vierendeel truss arch 2200x600mm
9. Steel trapezoid box beams to primary structure
10. Electricity cabling
11. Steel suspension cables Ø100mm
12. Aluminium profiles fabric structure 20x200mm
13. Steel suspension cables Ø100mm
14. Vierendeel truss arch 2200x600mm
15. Structural adhesive
16. Structural adhesive
17. Blind structural bolts
18. Structural adhesive
19. Crawling path for maintenance
20. Structural adhesive
21. Blind structural bolts