A portal with integrated lighting | 
road element with integrated portal mount | 
route section at portal | 
route section in between portals | 
floor plan 'The Pitstop' | 
location sections | 
entrance sports building | 
sports building in context | 
site masterplan | 

above: top view with solar panels. below: route with separate running and walking zones | 

1:20
1:200

side view of a portal | 
road elements with integrated lighting and gutter | 

1:5

corner connection of portal with integrated water spray | 

1:5

corner connection schematically

tubing and nozzles hidden in milled in openings in CLT panels

220 mm cross laminated timber panels from robinia wood
300 mm M10 countersunk screws
2.5 mm BiPVc Powerply pv cells adhesive fixed
300 psi Aeromist mid pressure misting system.
stainless steel tubing in rust colour. tubing and nozzles hidden in milled in openings in CLT panels

2 mm corten steel sheet

flattened sand foundation to place Plasticroad elements on

10 mm thick steel flange. fixed to Plasticroad element. ground on top keeps element in place

100 mm line gutter with corten steel cover.
in Plasticroad element

storage space inside elements for rain water

3 mm anti-root membrane. water permeable

5080 x 3125 mm Plasticroad element from recycled polypropylene

profile to click Plasticroad elements together

10.5 mm MondoRun with Nike Grind in colour Game Royal - P106. fixed to Plasticroad elements.

120 mm aluminium LED profile with 2 LED strips. cover in milk white. integrated in Plasticroad element. space for cables underneath

170 mm font width, white polyurethane line paint with texturing agents to provide grip.
distance every 100 m

50 mm line, white polyurethane line paint.

separation of running lanes (800 mm)

10.5 mm MondoRun with Nike Grind in colour Game Royal - P106. fixed to Plasticroad elements.

100 mm line gutter with corten steel cover.

openings in wave shape

120 mm aluminium LED profile with 2 LED strips. cover in milk white. integrated in Plasticroad element.

70 mm aluminium LED profile with 2 LED strips. cover in milk white. fixed in milled in opening in CLT panel

920 x 140 mm steel foot. 10 mm thickness. integrated in Plasticroad elements. bolted to CLT panels

2 mm corten steel sheet

910 x 360 x 340 mm (l x w x h) underground storage unit with corten steel cover

300 psi Aeromist mid pressure misting system. Enclosed pump, fan cooled, 5 micron filter, pressure gauge and drain valve

milled in channel behind light profile for wiring pv cells and water pipe from the misting system