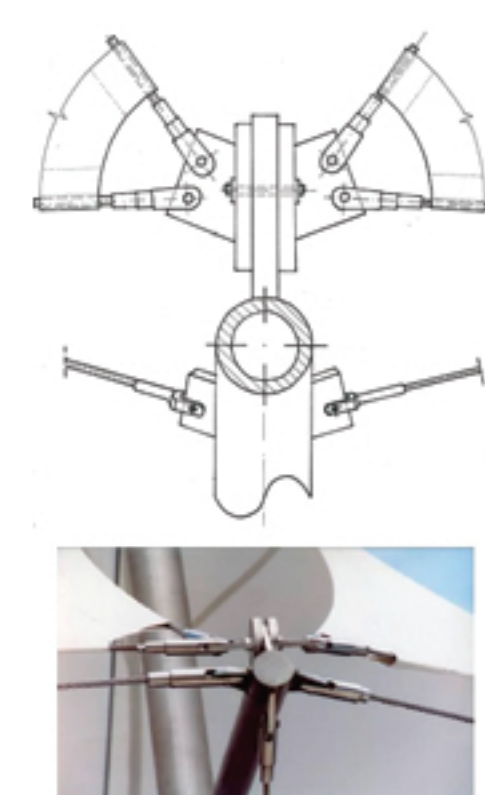
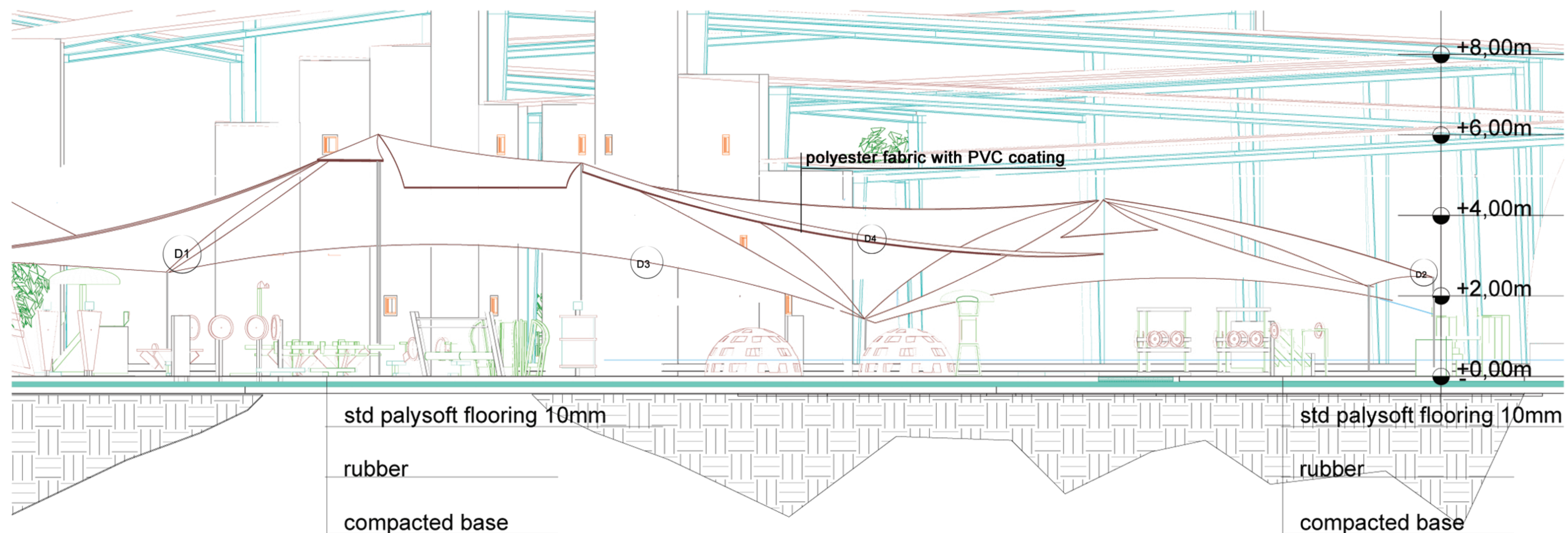
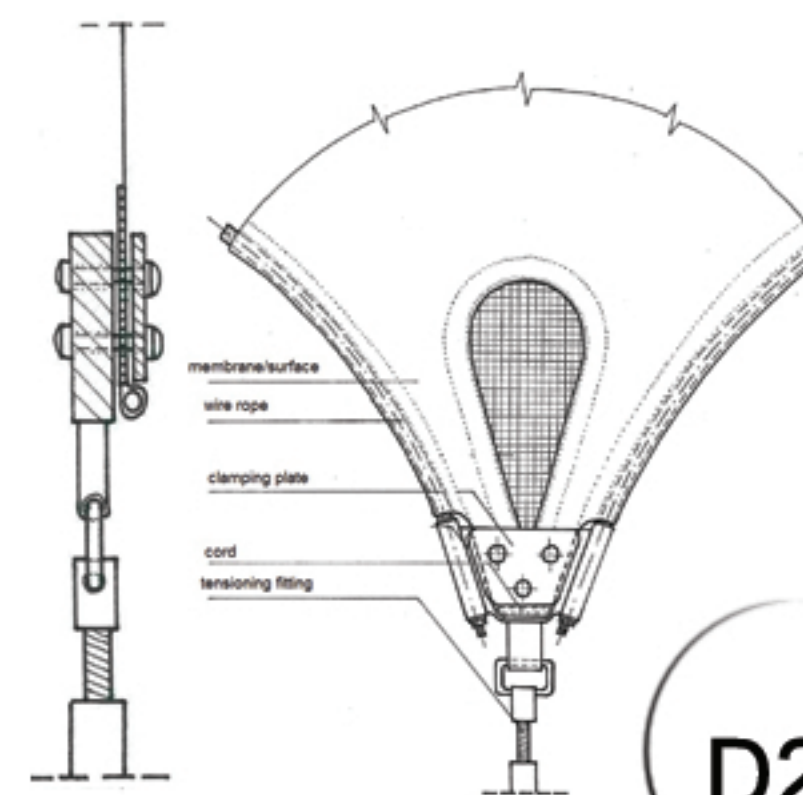


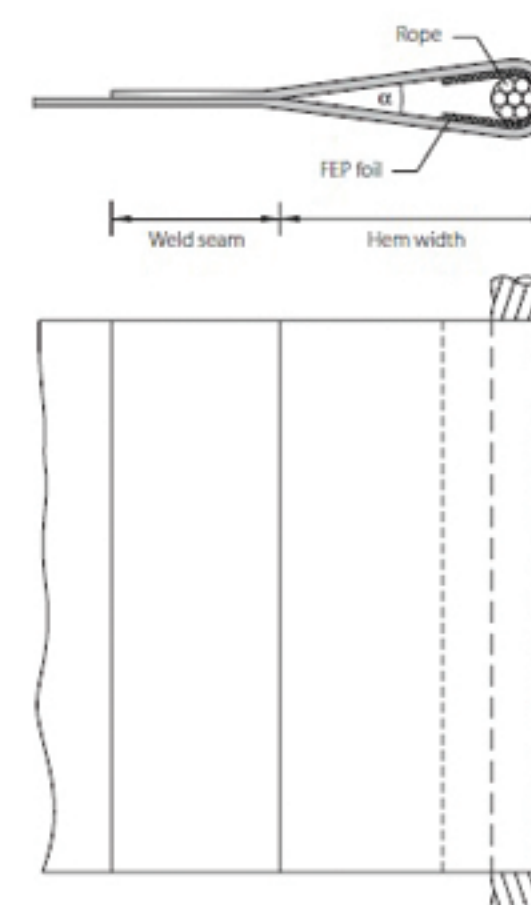


D1

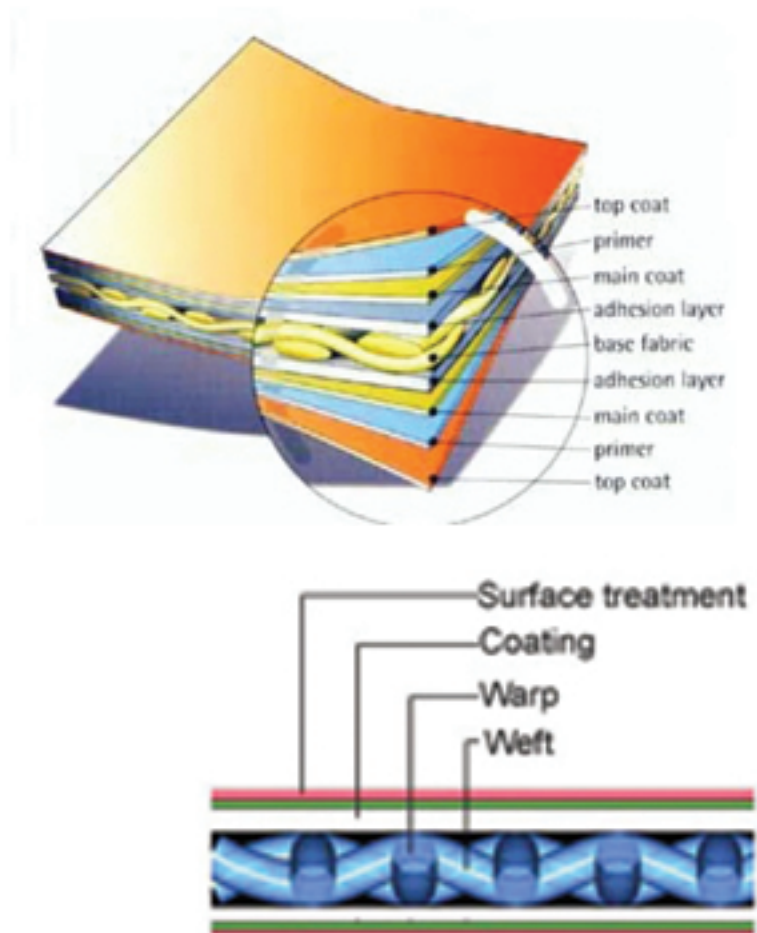


D2

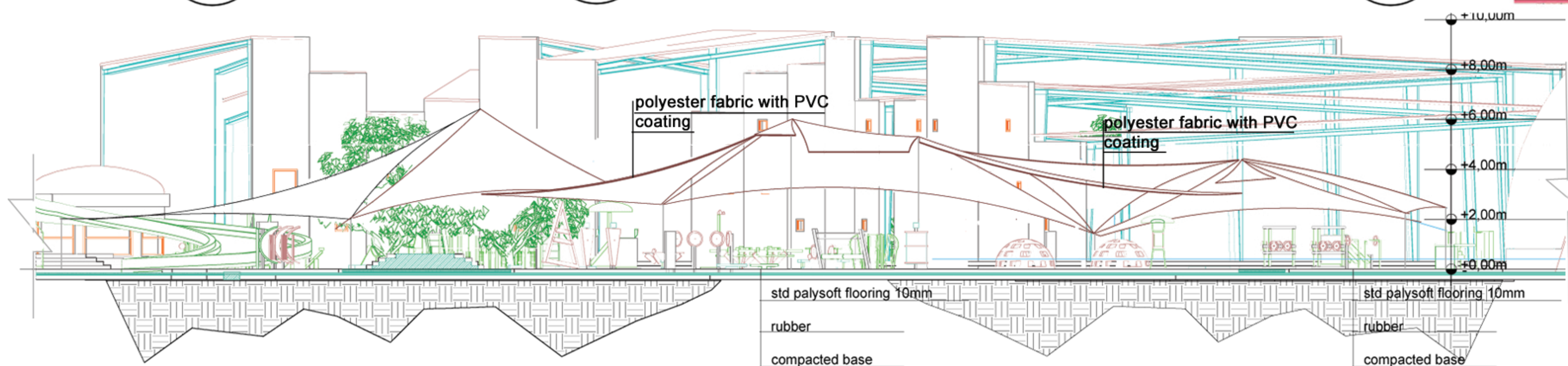
supported at points	High point structures	
	Ridge and valley structures	
	Awnings	



D3



D4



Awnings	Material, structural system	Construction	Equipment
	Membrane material, cutting direction: PES/PVC fabric, parallel	Stabilization of primary structure: crane, temp. rope, belts	Type of scaffolding: truck-mounted working platform
	Support: at points, masts	Packaging of membrane: package/folded	Lifting device: crane
	Edging: flexible/rope edge, webbing edge	Load introduction: at points, corner fittings	Tensioning tools: triror, chain hoist, lever hoist

High point surface	Material, structural system	Construction	Equipment
	Membrane material, cutting direction: PES/PVC, Glass/PTFE fabric, radial	Stabilization of primary structure: crane, temp. rope, belts	Type of scaffolding: truck-mounted working platform
	Support: from inside, at points, hanging masts	Packaging of membrane: package/folded, gathered	Lifting device: truck crane
	Edging: flexible/rope edge, webbing edge, clip edge	Load introduction: at points, corner fittings	Tensioning tools: hydraulic press, triror, chain hoist

High point surface	Material, structural system	Construction	Equipment
	Membrane material, cutting direction: PES/PVC, Glass/PTFE fabric, parallel	Stabilization of primary structure: crane, temp. rope, belts	Type of scaffolding: system scaffolding, truck-mounted working platform
	Support: from inside, at points, masts	Packaging of membrane: package/folded, gathered	Lifting device: truck crane
	Edging: flexible/rope edge, clip edge	Load introduction: at points, corner fittings	Tensioning tools: hydraulic press, triror, chain hoist

- F1 std palysoft flooring 10mm
rubber
compacted base
- F2 vinly flooring
adhesive
cement mortar 2cm mix
1:3:6
D.P.C 2 layers
R.C flat slab 1:2:4 mix
hardcore
- F3 carpet
glue
stepped metal platform
- C1 exterior cover
thermal insulation
exterior dome metal
framing
airspace
metal framing
projection dome nano seal
panels
- C2 BCOMS sandwich wall
outer skin micro
rib flat (yellow color)
purlins
main rafter monoslope
- C3 polyester fabric with PVC
coating

part section(playground)
scale 1:50

sudan university of science
and technology

college of architecture and
planning

fatimah omer osman ali