



# Architecturally Exposed Structural Steel **TENSION** **Part 2**

PURE TENSION





Millennium Footbridge  
London, U.K.  
Foster and Partners with Arup  
2000

















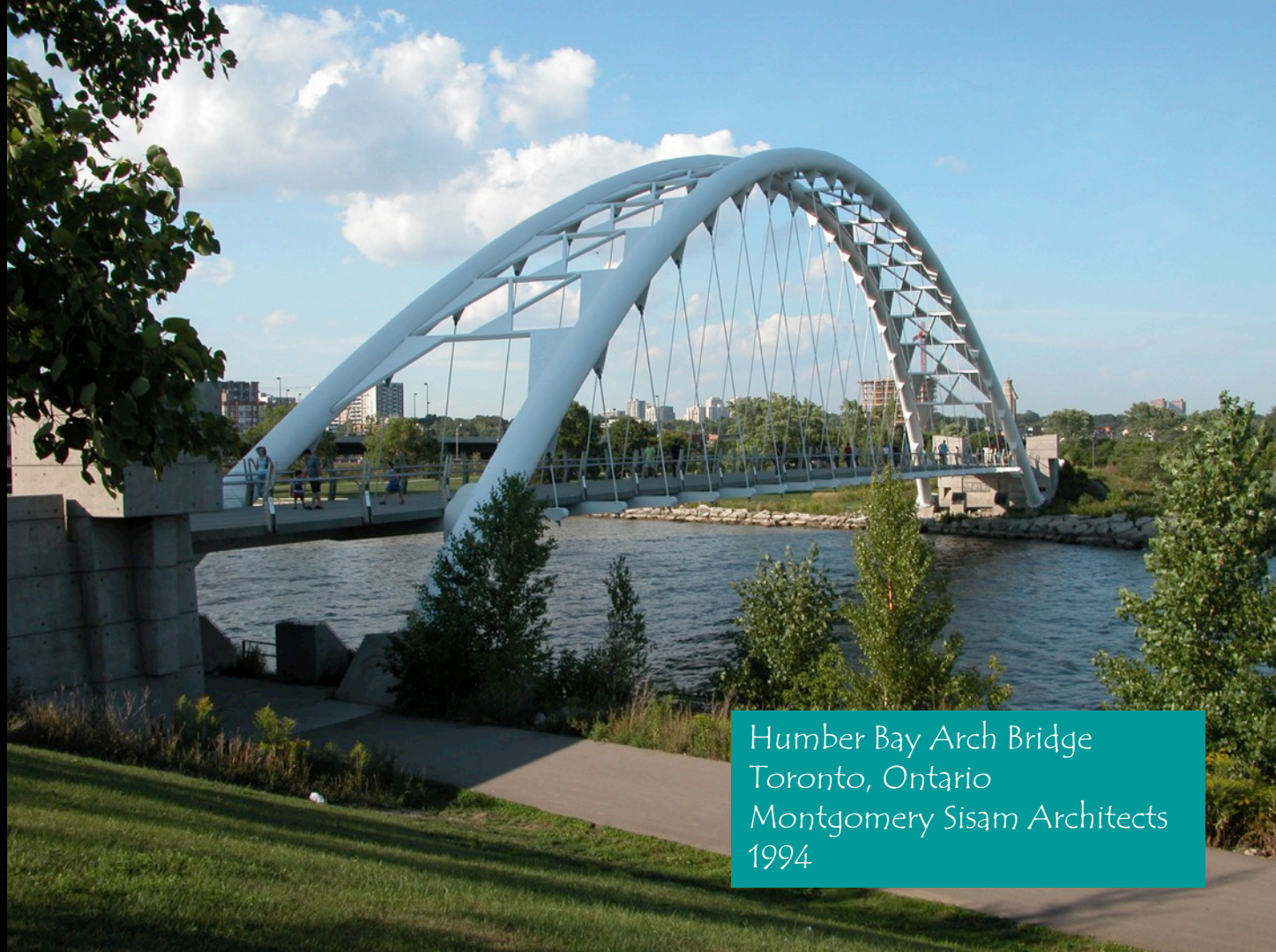








# ARCH BASED SUPPORT SYSTEMS



Humber Bay Arch Bridge  
Toronto, Ontario  
Montgomery Sisam Architects  
1994



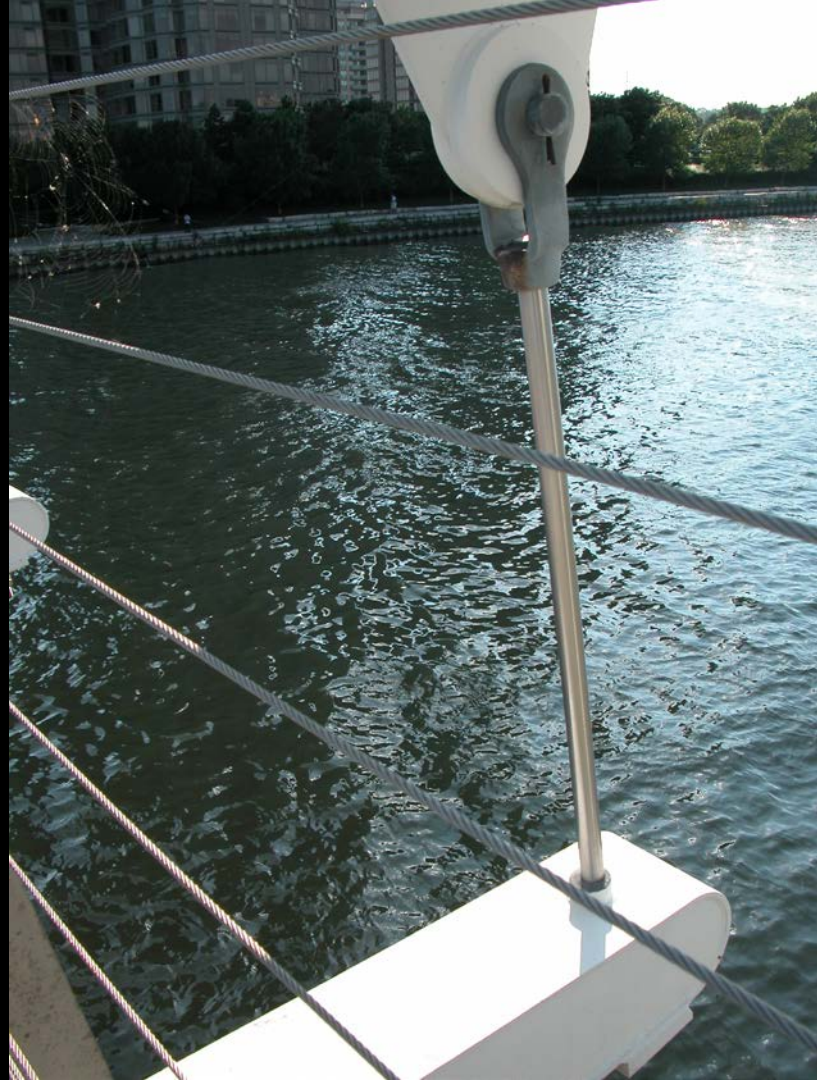
















Seafarers Bridge  
Melbourne, Australia  
Nicholas Grimshaw  
2009









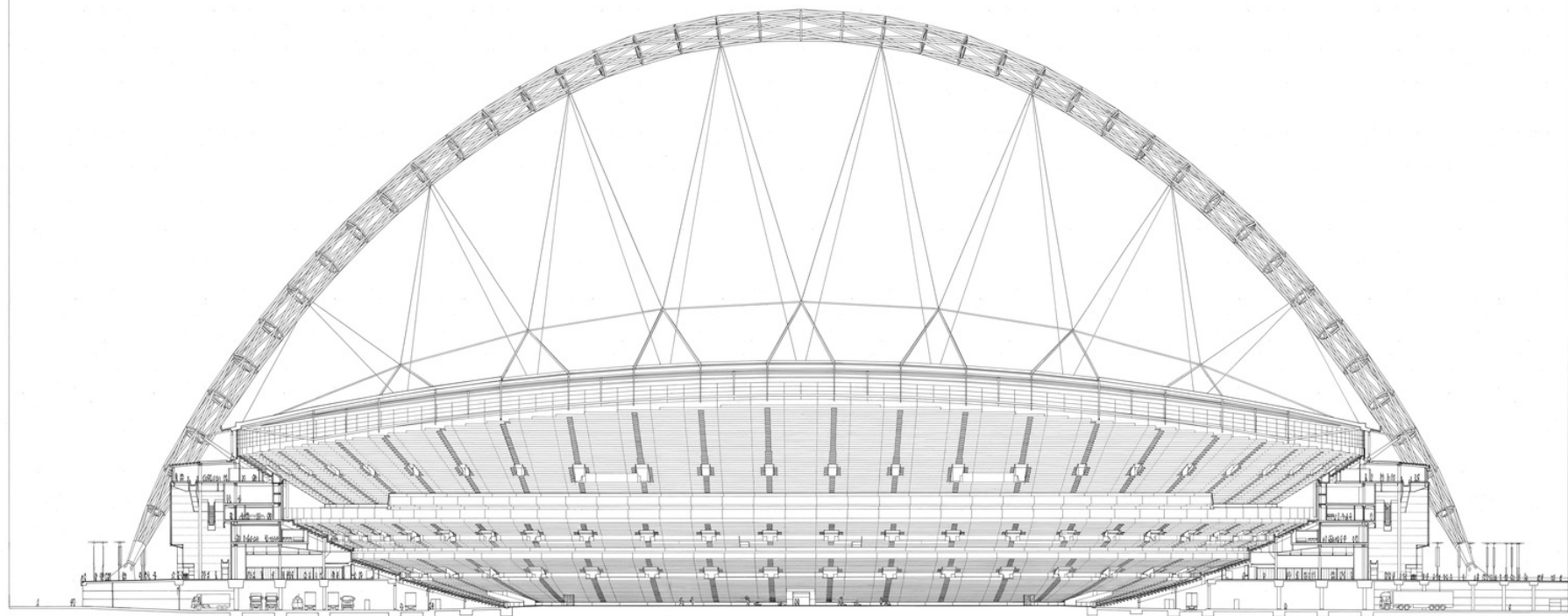


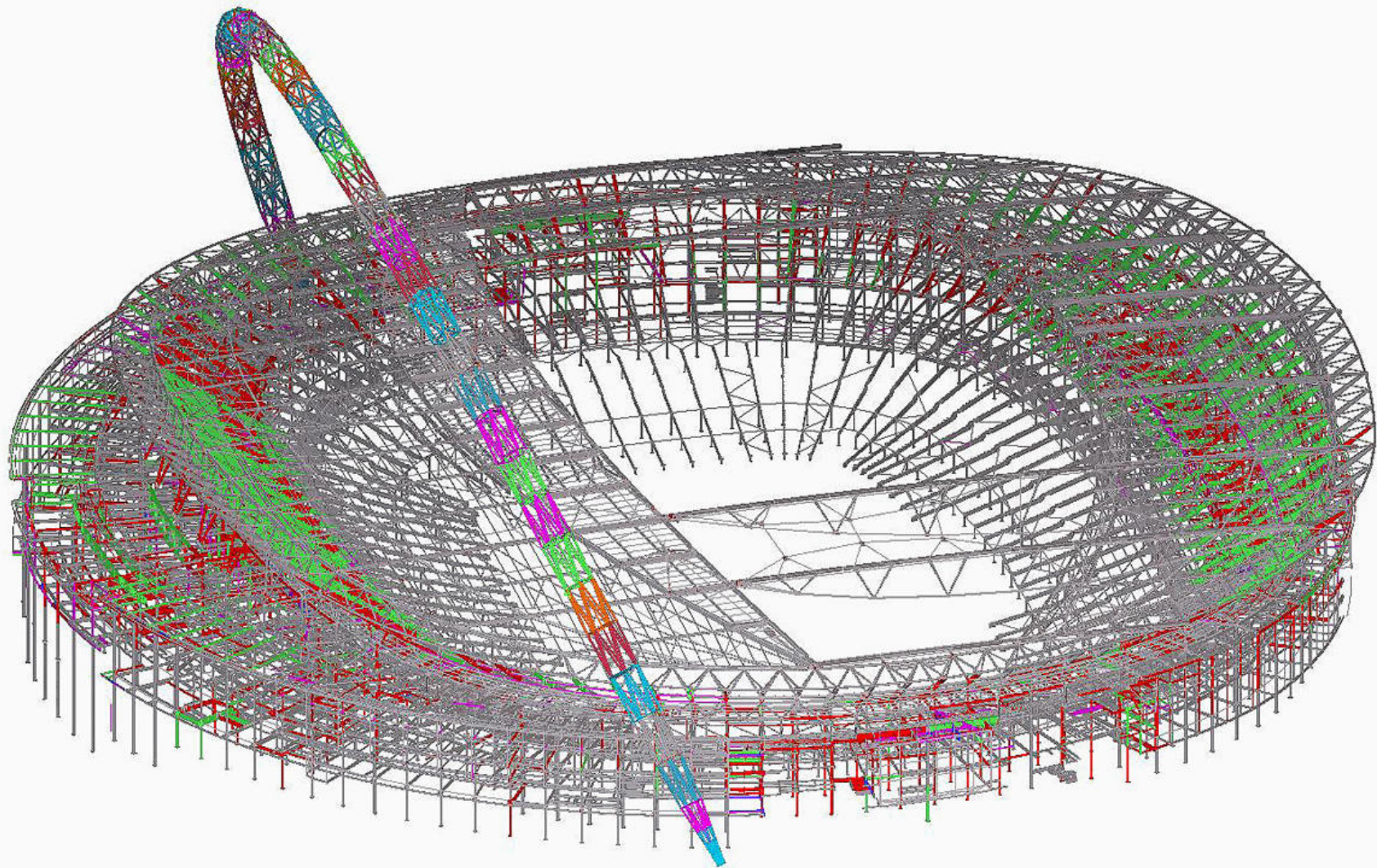




Wembley Stadium  
London, U.K.  
Foster and Partners  
2007













































Construction  
Photography







# Construction Photography























A photograph of the Gateshead Millennium Bridge in Newcastle-upon-Tyne, U.K. The bridge is a white, arching cable-stayed bridge spanning the River Tyne. In the foreground, a paved walkway with a black lamppost and a black bollard is visible. The background shows modern buildings and a clear blue sky with some clouds.

Gateshead Millennium Bridge  
Newcastle-upon-Tyne, U.K.  
Wilkinson Eyre Architects  
2001



Gateshead Millennium Bridge













# MAST AND CABLE SYSTEMS





Northumbria University Pedestrian Bridge  
Newcastle-upon-Tyne, U.K.



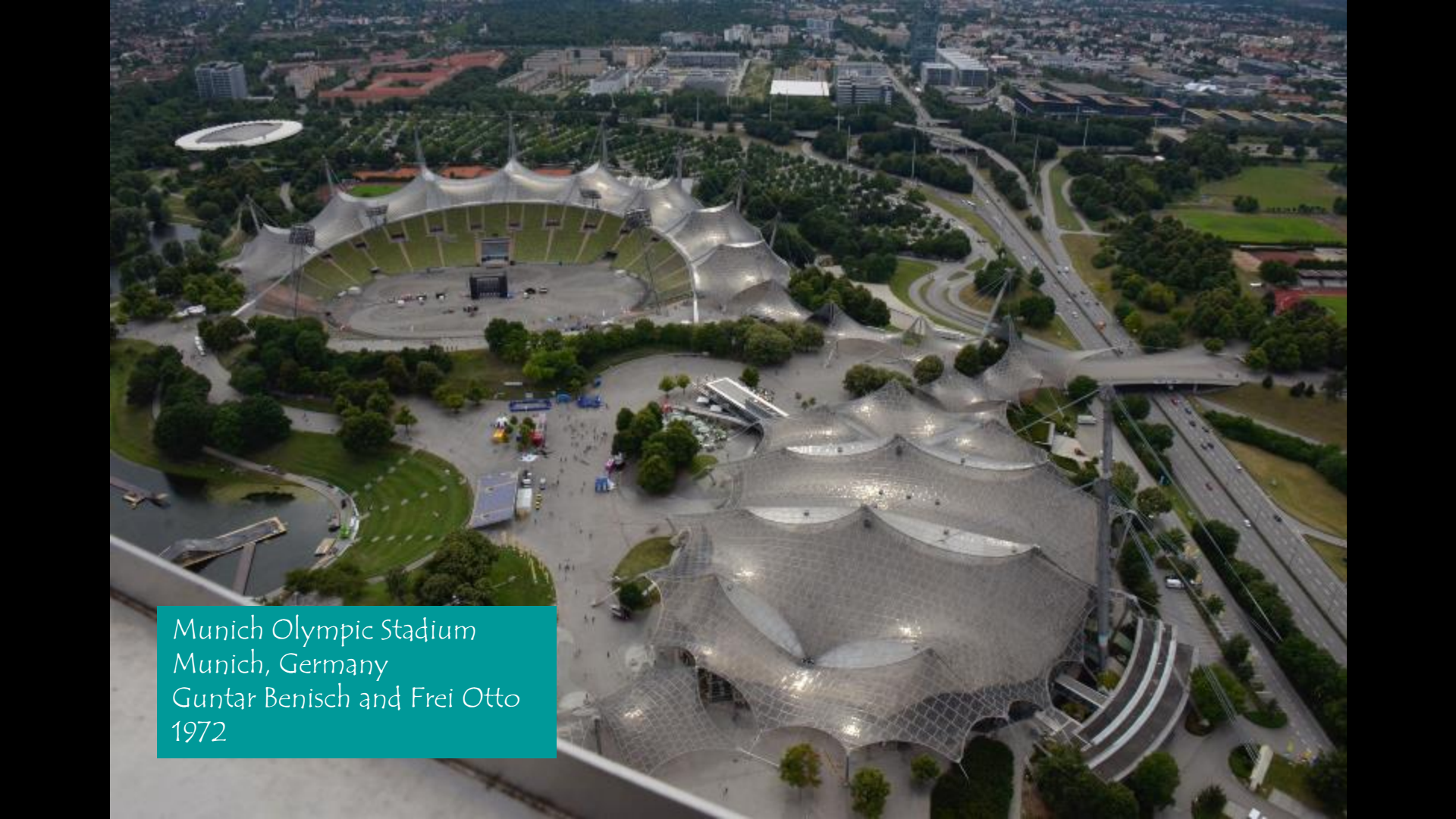












Munich Olympic Stadium  
Munich, Germany  
Guntar Benisch and Frei Otto  
1972











































































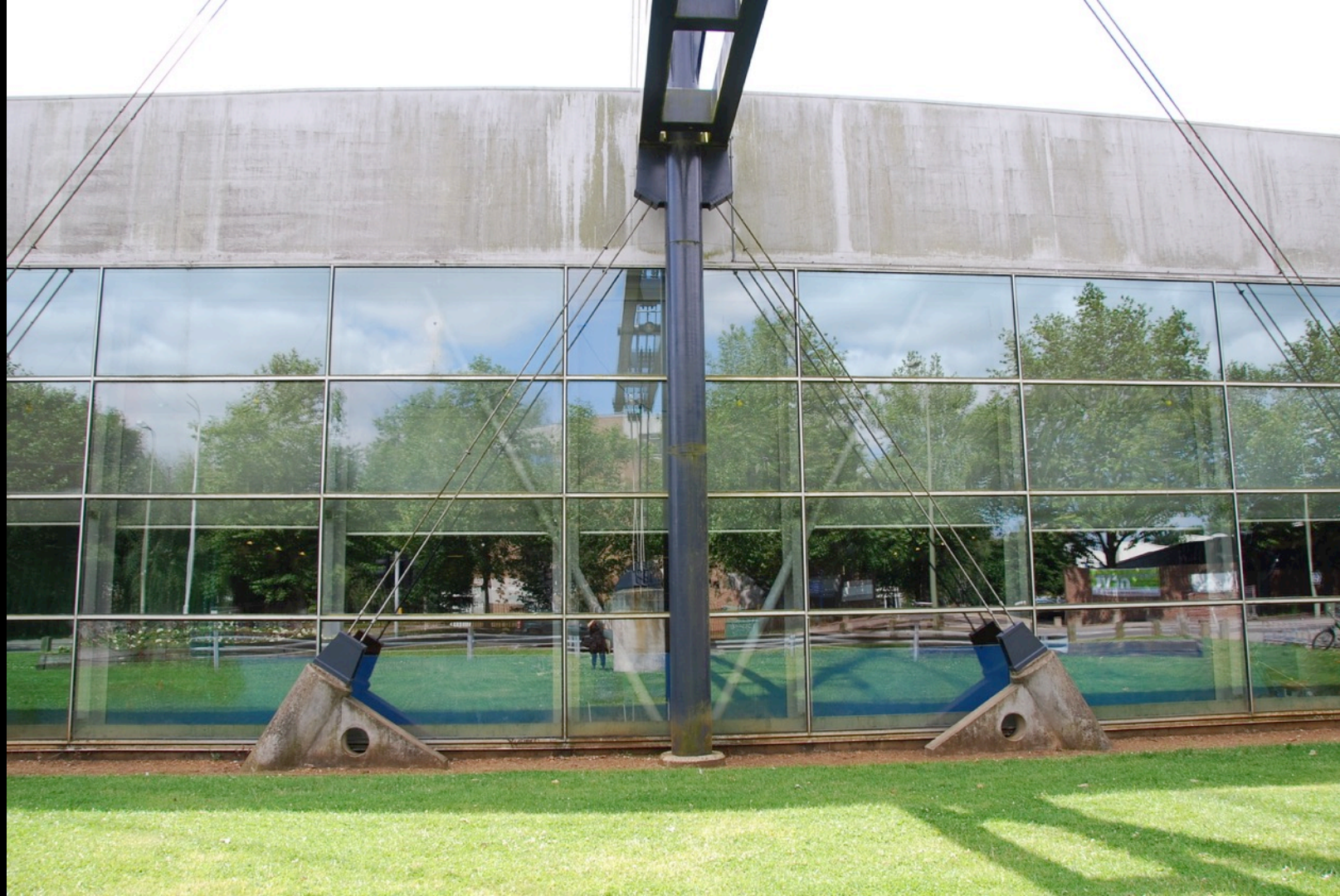




Oxford University Ice  
Rink  
Oxford, U.K.  
Nicholas Grimshaw  
1985





















OXFORD  
ICE RINK





























Sony Centre  
Berlin, Germany  
Helmut Jahn  
2000





































Millennium Dome  
London, U.K.  
Richard Rogers  
1999



































Golden Jubilee Bridges  
London, U.K.  
Lifschutz Davidson Sandilands  
2000

























Aria Hotel  
Las Vegas, Nevada  
Pelli Clarke Pelli Architects  
2009

































Melbourne Sports and Aquatic Centre  
Melbourne, Australia  
Peddle Thorp Architects  
1997





















NOTICE TO PATRONS







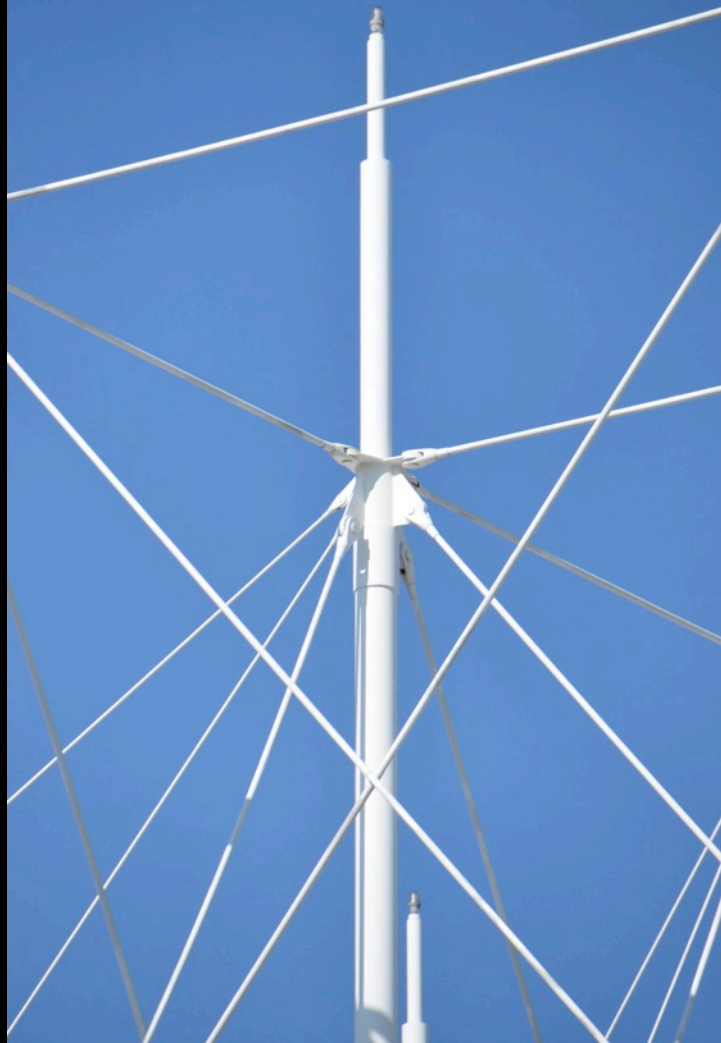


A photograph of the Oceanário de Lisboa building, a modern structure with a prominent glass and steel canopy and concrete base, situated on the water. The building features multiple levels with glass facades and external staircases. A small, colorful, cartoonish buoy floats in the water in the foreground. The sky is clear blue.

Oceanário de Lisboa  
Expo 08  
Lisbon, Portugal  
Cambridge Seven Associates  
1998













Munich Airport Centre  
Munich, Germany  
1994

















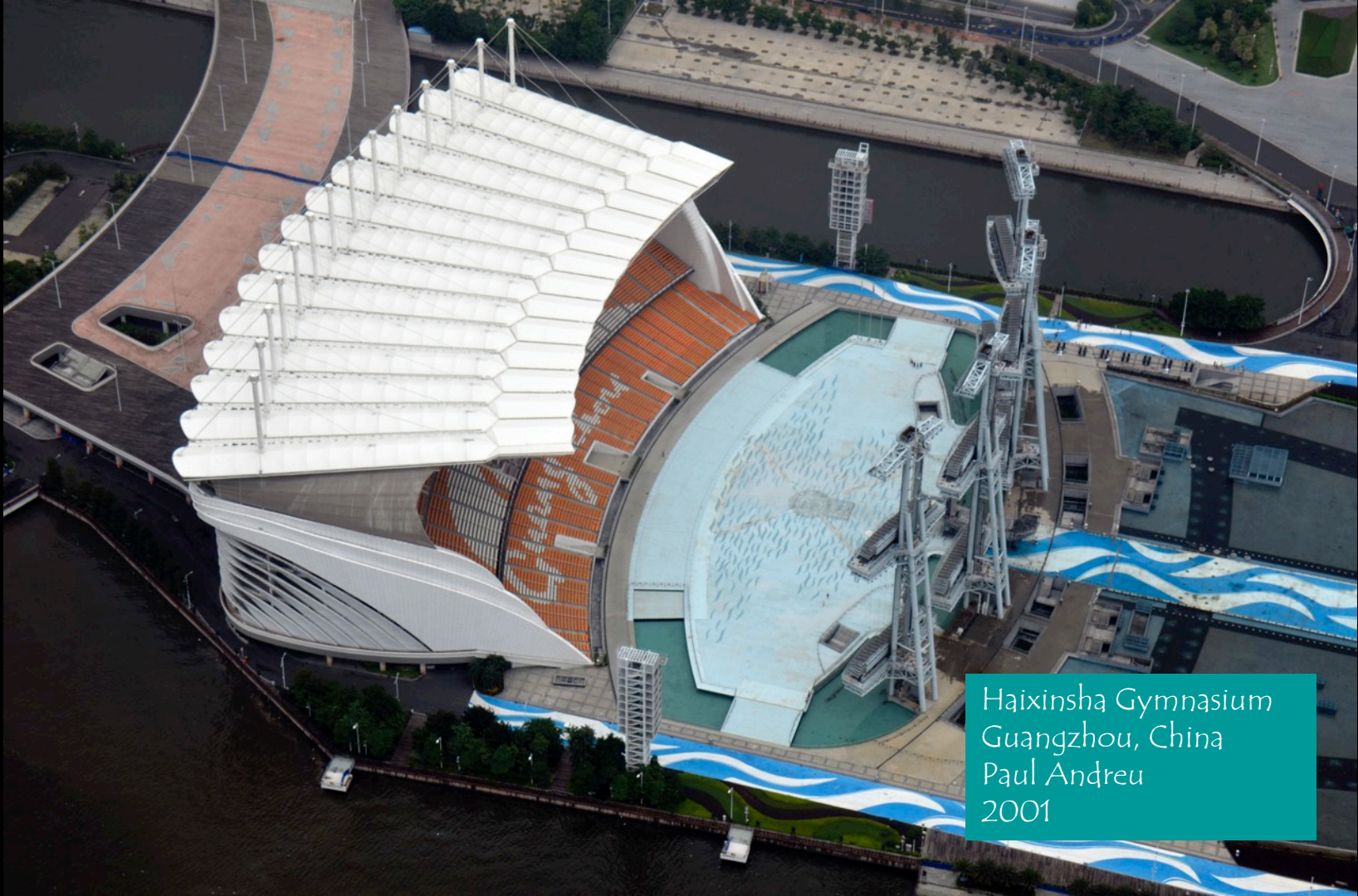












Haixinsha Gymnasium  
Guangzhou, China  
Paul Andreu  
2001







广东精神  
与你同行









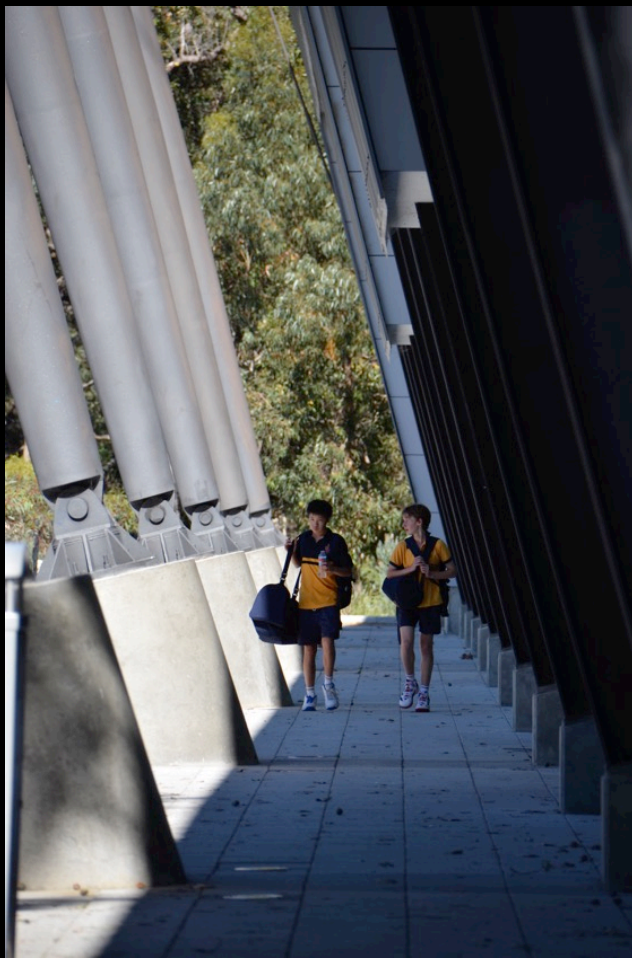






Recreation Centre  
Perth, Australia

















Milwaukee Art Museum  
Milwaukee, Wisconsin  
Santiago Calatrava  
2001





























# FABRIC SUPPORT SYSTEMS





University of Nevada at Las Vegas  
Shading Canopies





















Shanghai Expo 2010  
Entry Axis Pavilion







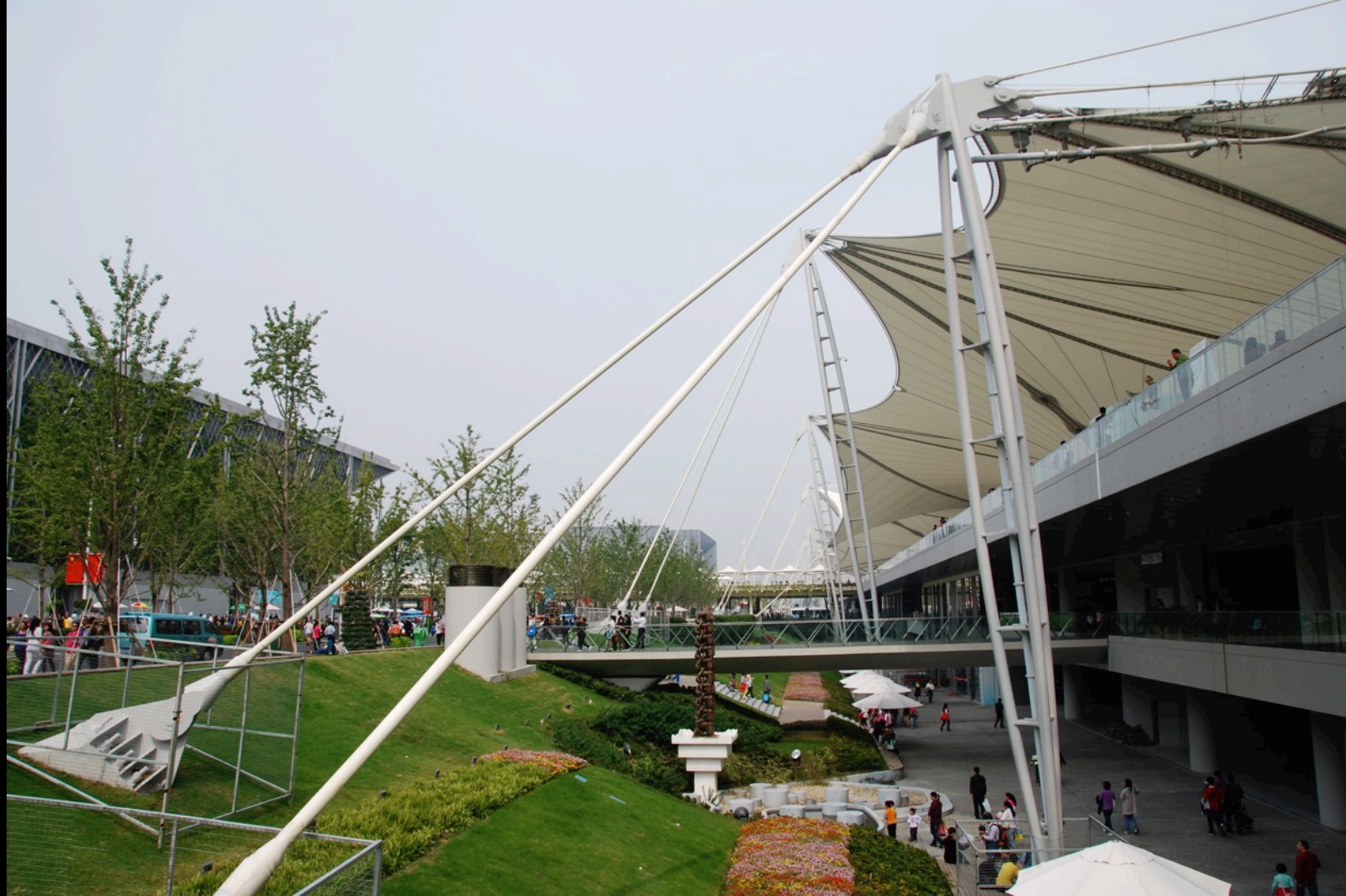


















Denver International Airport  
Denver, Colorado  
Fentress Bradburn Architects  
1995





























Rockland Trust Bank Pavilion  
Boston, Massachusetts  
1994







TENSEGRITY SYSTEMS





Lord Snowdon Aviary  
London, U.K.  
Cedric Price  
1964

















"Her Secret is Patience"  
Tensegrity Sculpture  
Phoenix, Arizona  
Janet Echelman  
2009















Burton Barr Central Library  
Phoenix, Arizona  
Will Bruder  
1995



































Kurilpa Bridge  
Brisbane, Australia  
Cox Rayner with Arup  
2009















Kurilpa Bridge































Expo 98 Pavilion  
Lisbon, Portugal

















