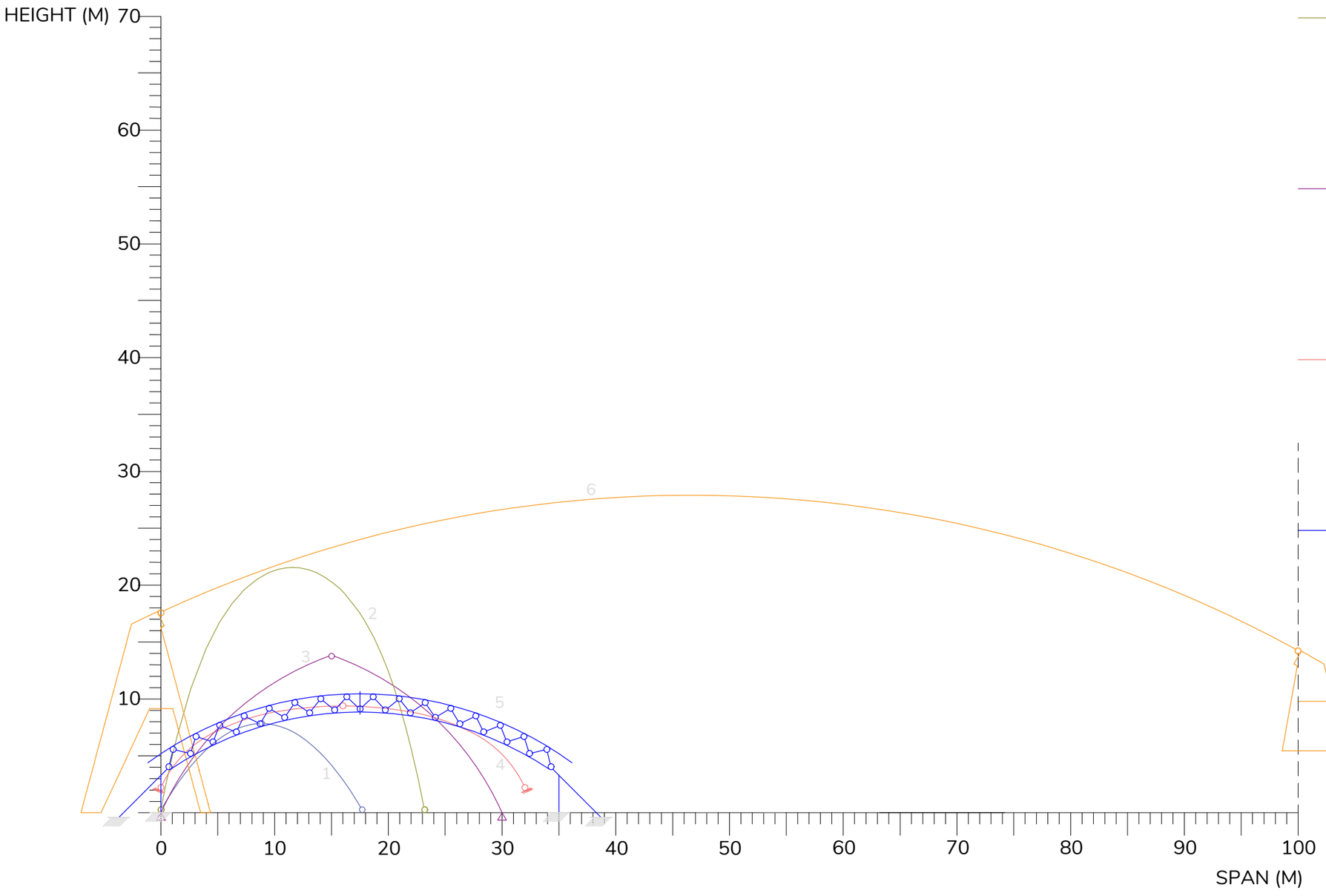
STRUCTURAL MASS TIMBER SYSTEMS FOR LARGE FACILITIES

DIMENSIONAL COMPARISON

ESIN AYDEMIR, RICARDO CRUZ RECALDE



ARCHES 01
PROJECT NAME Bodegas Protos
LOCATION Peñafiel, Spain
CROSS SECTION 220x740mm
HEIGHT 0.74m

SPAN 18m
SLENDERNESS L/24

ARCHES 02
PROJECT NAME The Winter Garden Sheffield
LOCATION Sheffield, England
CROSS SECTION 210x900mm
HEIGHT 0.90m

SPAN 24m
SLENDERNESS L/27

ARCHES 03
PROJECT NAME Mactan Airport Terminal 2
LOCATION Mactan, Philippines
CROSS SECTION 800x1270mm
HEIGHT 1.27m

SPAN 30m
SLENDERNESS L/24

ARCHES 04
PROJECT NAME Wildlife Overpass
LOCATION Luckenwalde
CROSS SECTION 1000x200mm
HEIGHT 1m

SPAN 32m
SLENDERNESS L/32

ARCHES 05
PROJECT NAME Olympic Indoor Sports Stadium
LOCATION Hamar,
CROSS SECTION Truss1500mm(185mm)
HEIGHT 1.45m

SPAN 35m
SLENDERNESS L/24

ARCHES 06
PROJECT NAME Richmond Olympic Oval
LOCATION Richmond, BC, Canada
CROSS SECTION 150x1500mm
HEIGHT 1.5m

SPAN 100m
SLENDERNESS L/67