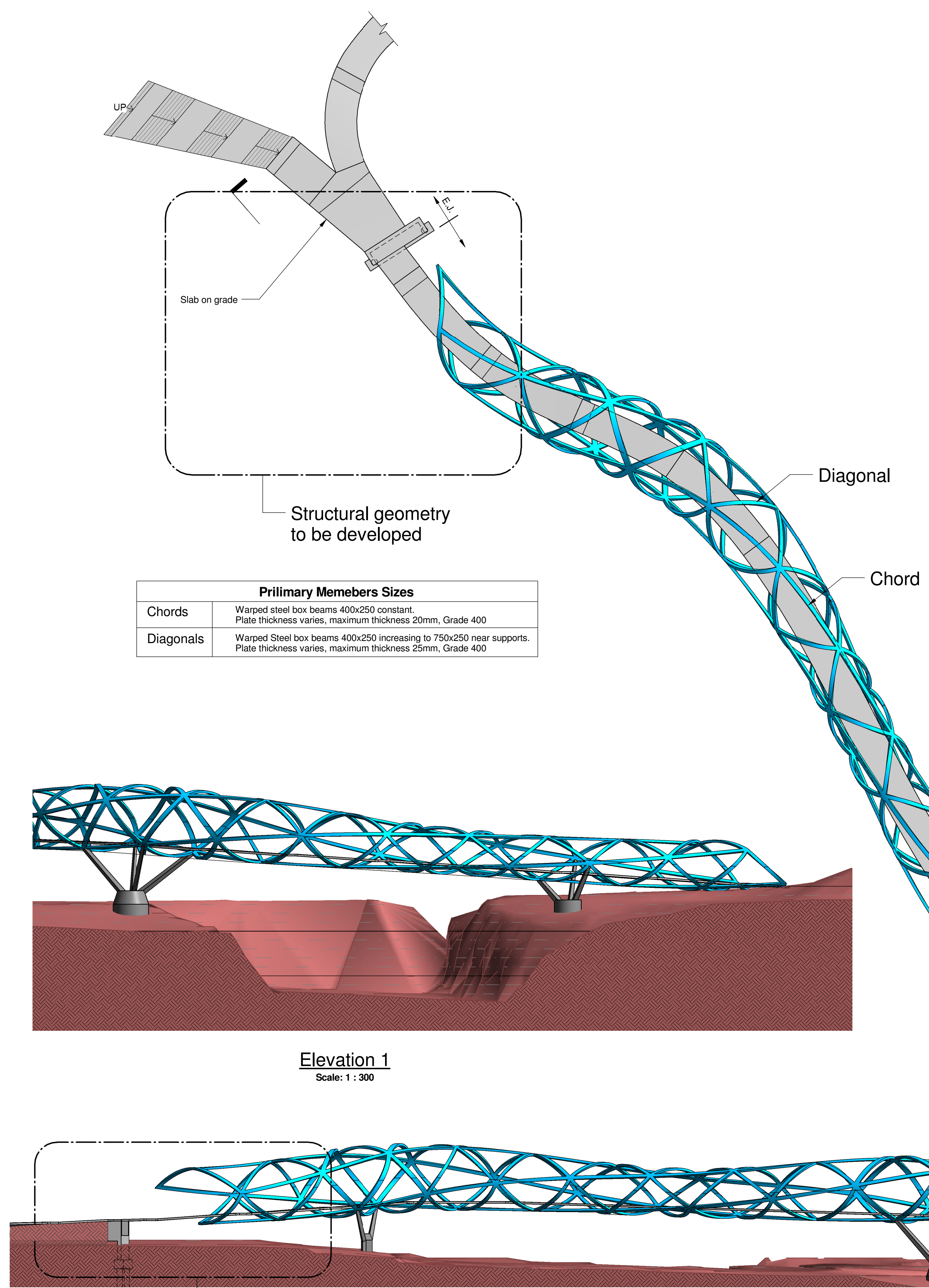
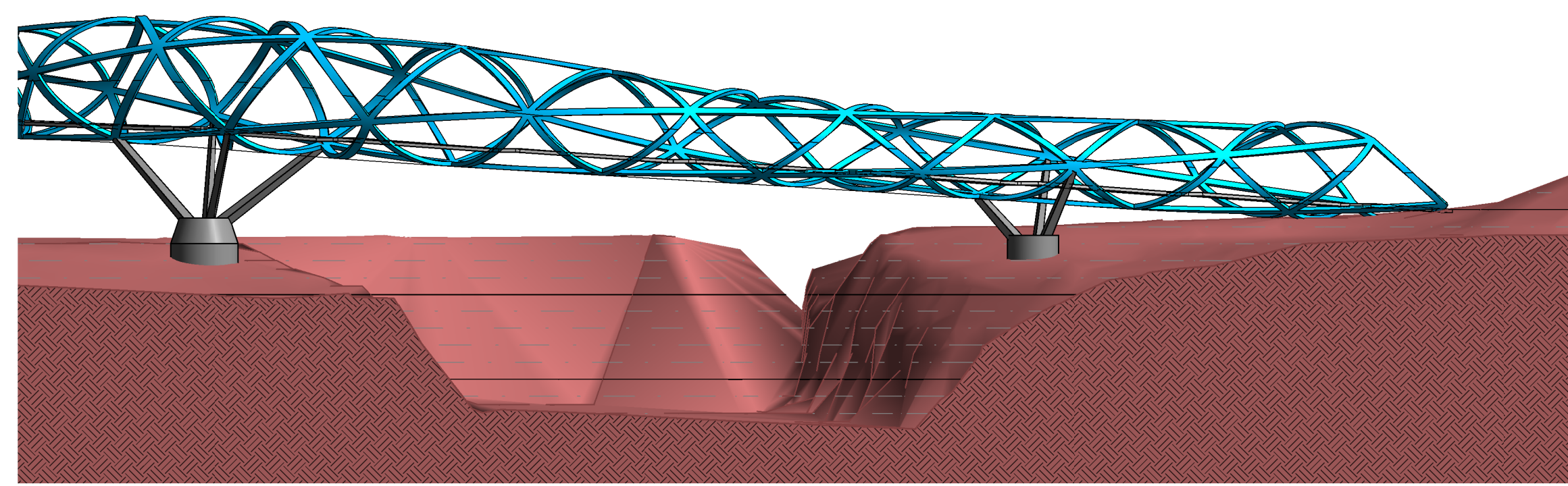
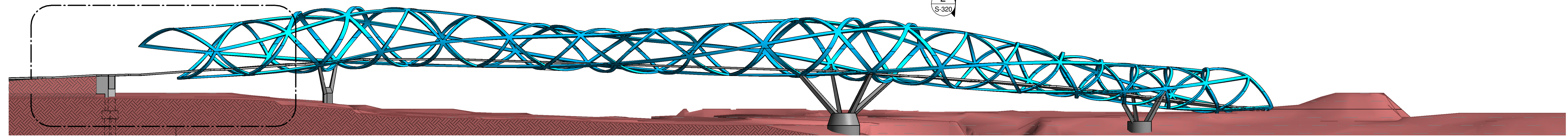




Primary Members Sizes	
Chords	Warped steel box beams 400x250 constant. Plate thickness varies, maximum thickness 20mm, Grade 400
Diagonals	Warped Steel box beams 400x250 increasing to 750x250 near supports. Plate thickness varies, maximum thickness 25mm, Grade 400

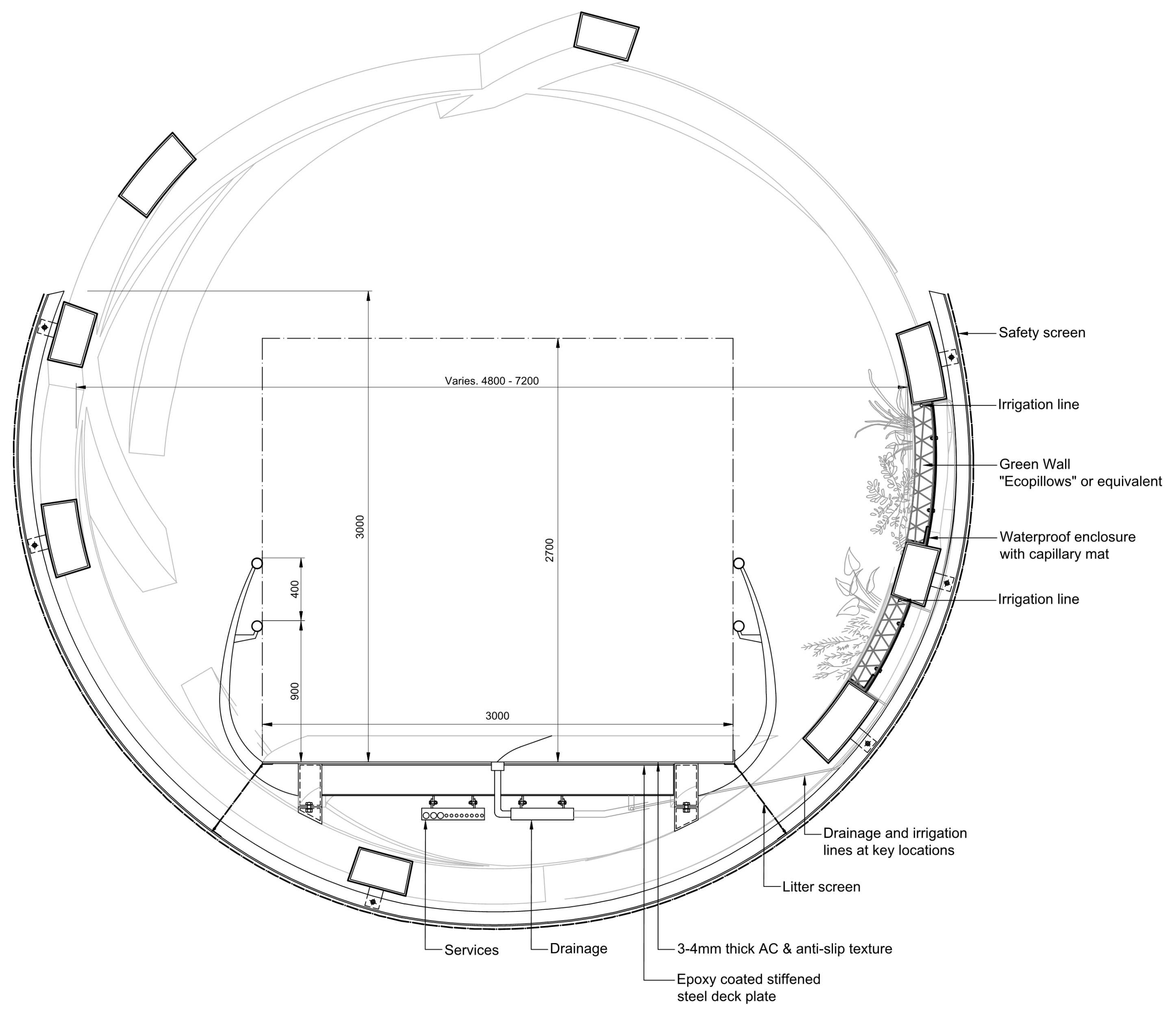


Elevation 1
Scale: 1 : 300



Structural geometry
to be developed

Elevation 2
Scale: 1 : 300



Typical Bridge Cross Section

Client

Level 14, 60 Station Street
Paramatta
NSW 2150
Tel: (02) 9841 8600
Fax: (02) 9841 8688

commercial
focussed
responsive

Level 4 10-12 Clarke Street
Crows Nest
Sydney, NSW, 2000
Tel: +61 (02) 9320 9320
Fax: +61 (02) 9320 9321
www.arup.com.au

Arup, Level 10, 201 Kent St
Sydney, NSW, 2000
Tel: +61 (02) 9320 9320
Fax: +61 (02) 9320 9321
www.arup.com.au

LACHLAN'S LINE
MACQUARIE PARK

Job Title
Lachlan's Line
Pedestrian and Cycle
Bridge, Macquarie Park

General Arrangement
& Elevations

Scale at A1 As indicated

Discipline Structural

Job No 234008

Drawing No S-320

Drawing Status Preliminary Concept

Issue P1

Appendix B

Bridge Width Precedent Study