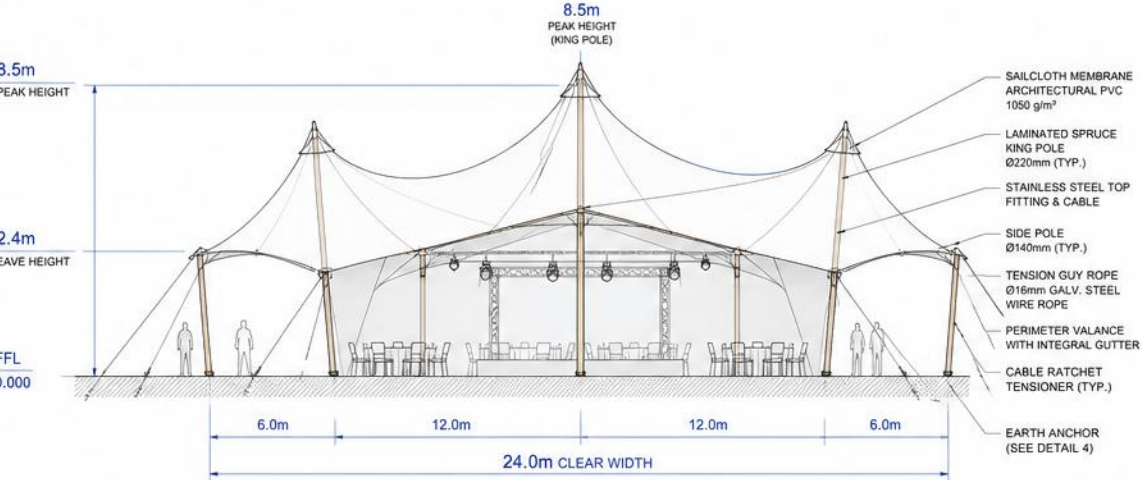
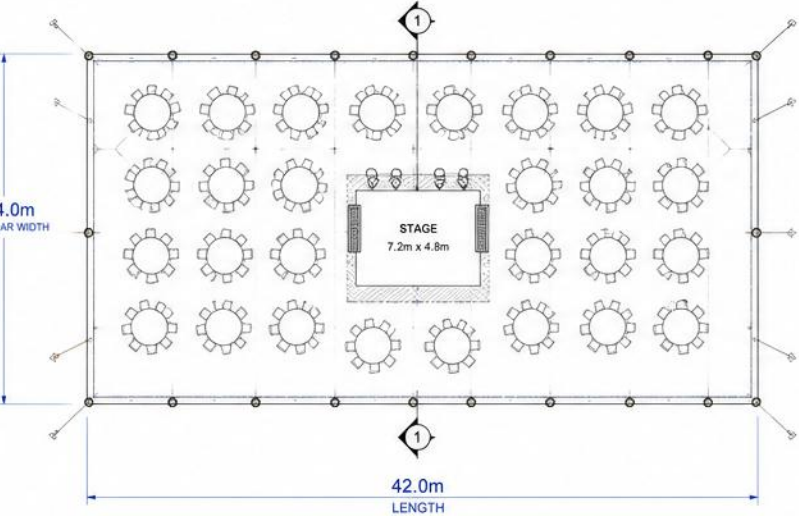


LUXURY MULTI-PEAK SAILCLOTH EVENT TENT

24.0m CLEAR WIDTH x 42.0m LENGTH

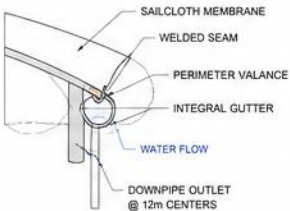
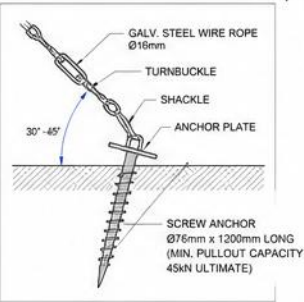


1 CROSS-SECTION ELEVATION
SCALE 1:100



2 BANQUET LAYOUT PLAN
SCALE 1:200

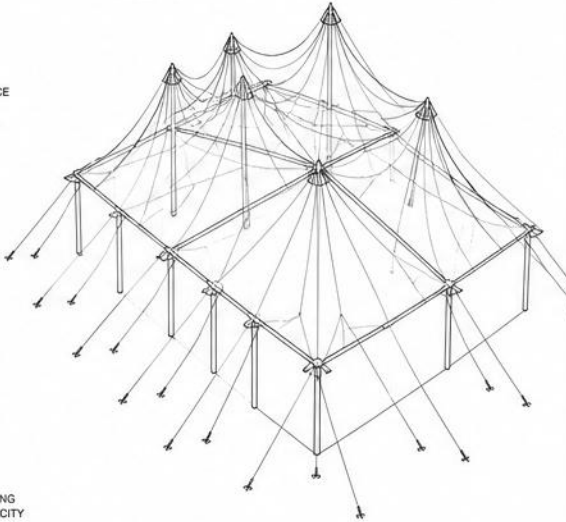
3 PERIMETER DRAINAGE VALANCE DETAIL
SCALE 1:10



4 EARTH ANCHOR DETAIL
SCALE 1:10

STRUCTURAL SPECIFICATIONS	
CLEAR WIDTH	24.0m
LENGTH	42.0m
PEAK HEIGHT (KING POLE)	8.5m
EAVE HEIGHT (SIDE POLE)	2.4m
KING POLES	LAMINATED SPRUCE Ø220mm x 8.5m HIGH
SIDE POLES	LAMINATED SPRUCE Ø140mm x 2.4m HIGH
SAILCLOTH MEMBRANE	PVC COATED POLYESTER 1050 g/m ²
TENSION SYSTEM	GALV. STEEL WIRE ROPE Ø16mm (MIN. BREAK 196kN)
EARTH ANCHORS	SCREW ANCHOR SYSTEM (SEE DETAIL 4)
DESIGN WIND SPEED	35 m/s (ULTIMATE) 22 m/s (SERVICEABILITY)
OCCUPANCY	BANQUET STYLE 280 PAX
PEPLICABLE CODES	AS/NZS 1170.0, 1170.2, 1170.10 ASCE 37-14, ASCE 7-16

5 3D ISOMETRIC STRUCTURAL VIEW
SCALE NTS



GENERAL NOTES

- ALL DIMENSIONS ARE IN MILLIMETERS UNLESS NOTED OTHERWISE.
- ALL STRUCTURAL ELEMENTS SHALL BE DESIGNED IN ACCORDANCE WITH THE APPLICABLE CODES.
- CONTRACTOR TO VERIFY ALL DIMENSIONS ON SITE PRIOR TO FABRICATION.
- SAILCLOTH MANUFACTURER TO PROVIDE FABRICATION & INSTALLATION SHOP DRAWINGS.
- DO NOT SCALE FROM DRAWINGS.

REV	DESCRIPTION	DATE
A	ISSUED FOR REVIEW	23/05/2024

PROJECT

LUXURY EVENT TENT
24.0m x 42.0m

CLIENT

CONSULTANT

STRUCTURAL DESIGN STUDIO
www.structuraldesignstudio.com

DRAWING TITLE

GENERAL ARRANGEMENT,
SEATING PLAN, DETAILS &
3D ISOMETRIC

DRAWN BY SDD

CHECKED BY SDD

DATE 23/05/2024

SCALE AS SHOWN

DRAWING NO.

SDD-TENT-2400x4200-GA

REV
A

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CONCEPT DRAWING ONLY — NOT FOR CONSTRUCTION. FINAL PE-STAMPED DRAWINGS REQUIRE CONFIRMED LOCATION, WIND/SNOW LOADS, SOIL REPORT AND PROJECT OPTIONS.

The drawing content above remains unobstructed; title metadata is placed in reserved margins outside the drawing viewport.