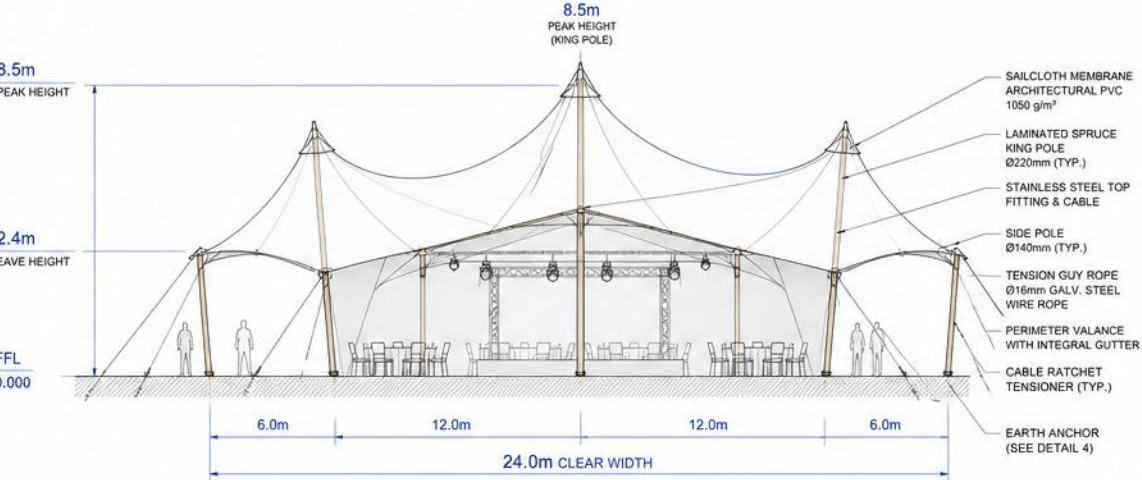
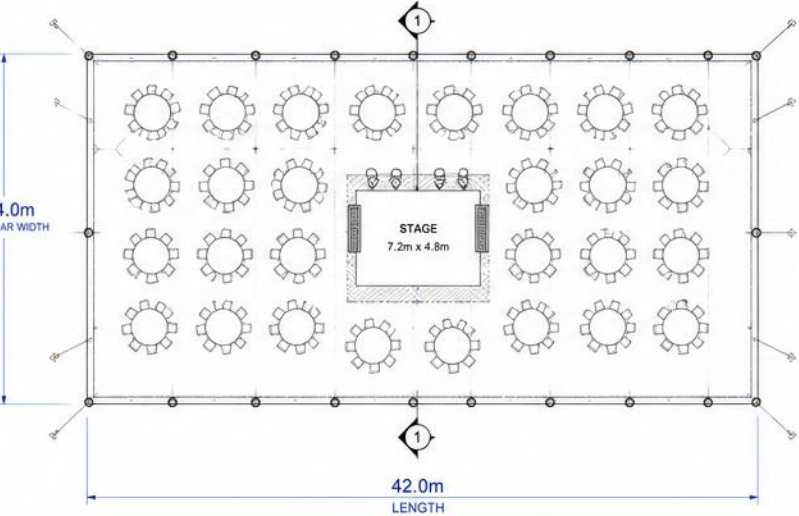


LUXURY MULTI-PEAK SAILCLOTH EVENT TENT

24.0m CLEAR WIDTH x 42.0m LENGTH

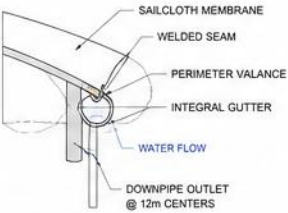
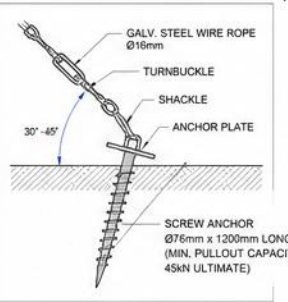


1 CROSS-SECTION ELEVATION  
SCALE 1:100



2 BANQUET LAYOUT PLAN  
SCALE 1:200

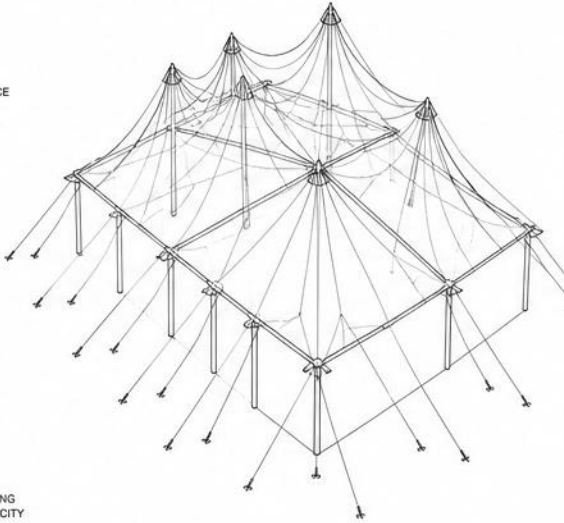
3 PERIMETER DRAINAGE VALANCE DETAIL  
SCALE 1:10



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<br>Ø220mm x 8.5m HIGH                  |
| SIDE POLES                | LAMINATED SPRUCE<br>Ø140mm x 2.4m HIGH                  |
| SAILCLOTH MEMBRANE        | PVC COATED POLYESTER<br>1050 g/m²                       |
| TENSION SYSTEM            | GALV. STEEL WIRE ROPE<br>Ø16mm (MIN. BREAK 196kN)       |
| EARTH ANCHORS             | SCREW ANCHOR SYSTEM<br>(SEE DETAIL 4)                   |
| DESIGN WIND SPEED         | 35 m/s (ULTIMATE)<br>22 m/s (SERVICEABILITY)            |
| OCCUPANCY                 | BANQUET STYLE<br>280 PAX                                |
| PEPLICABLE CODES          | AS/NZS 1170.0, 1170.2, 1170.10<br>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

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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