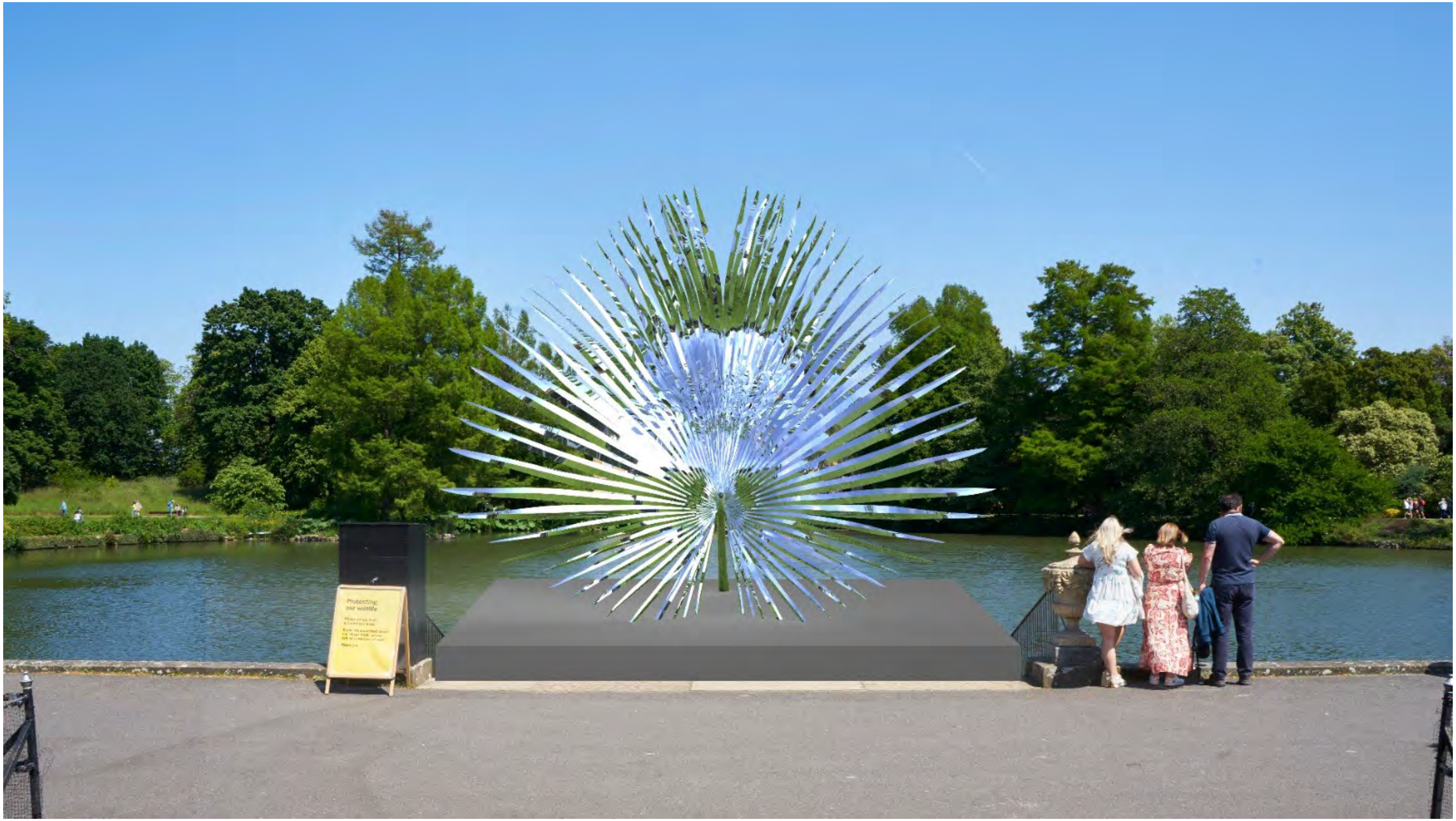
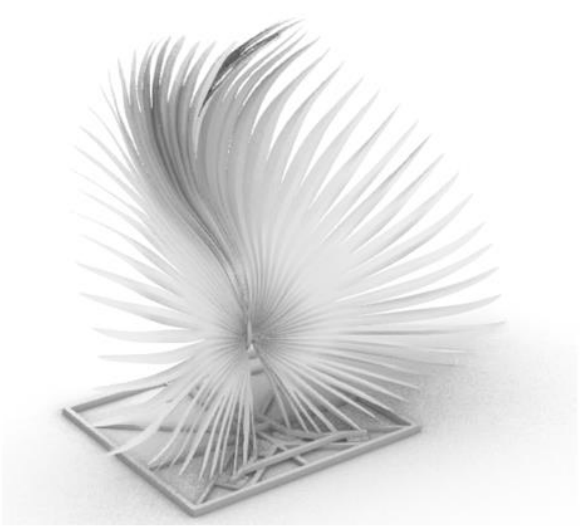
APPENDIX B

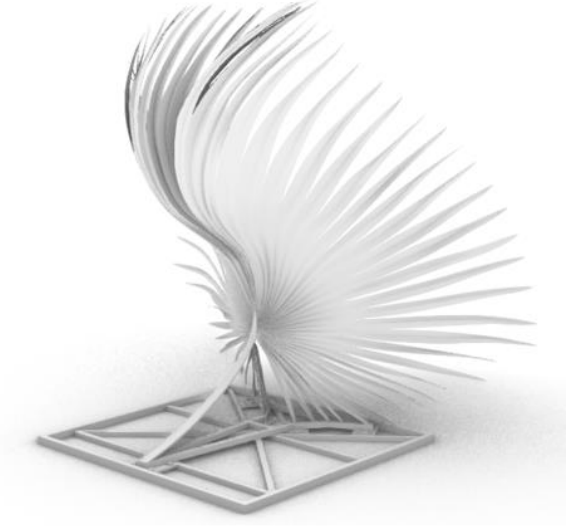
Marc Quinn Light into Life Sculpture Visualisations and Drawings

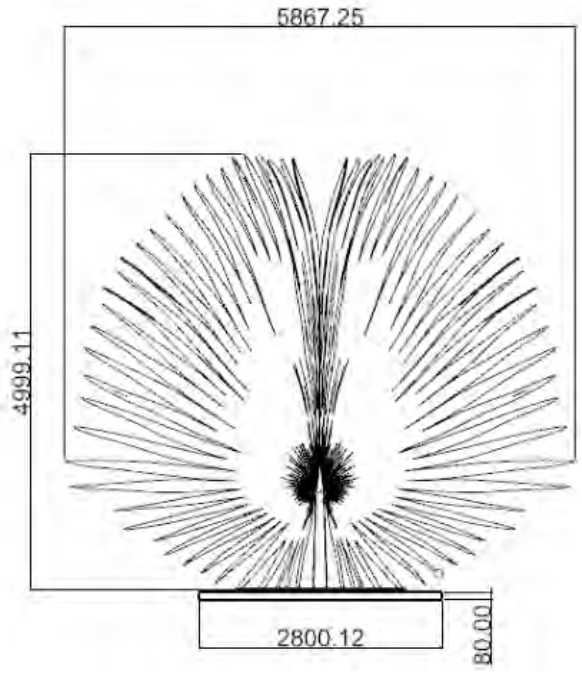
Marc Quinn Sculpture Locations



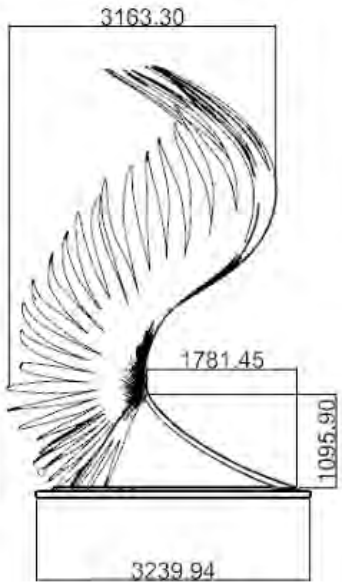
Location A





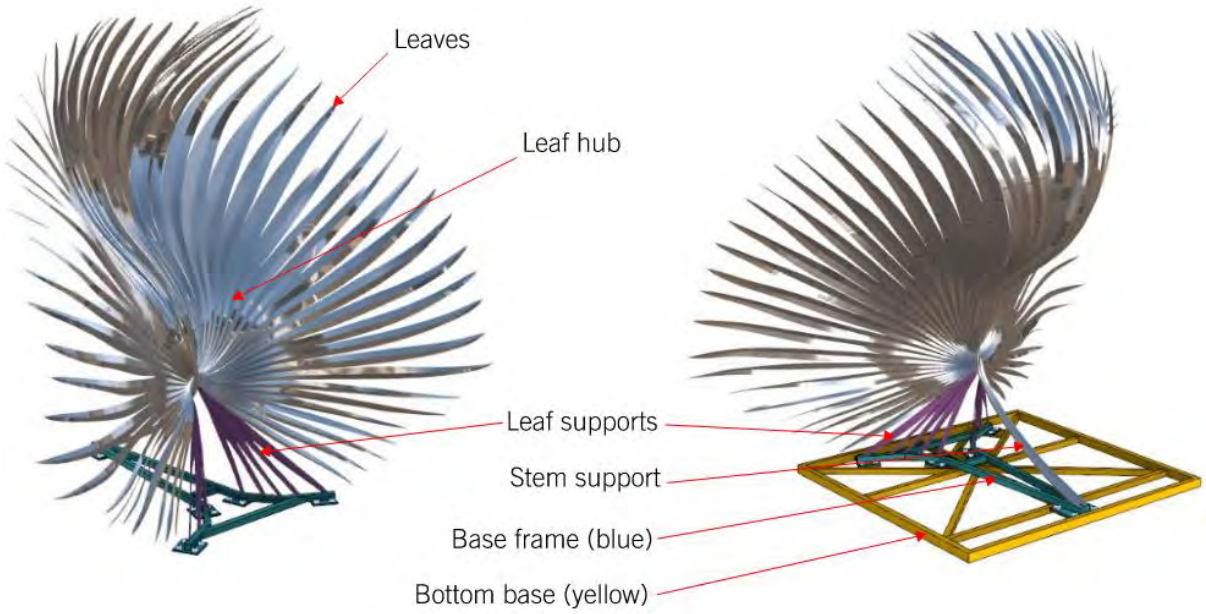


All dimensions in mm

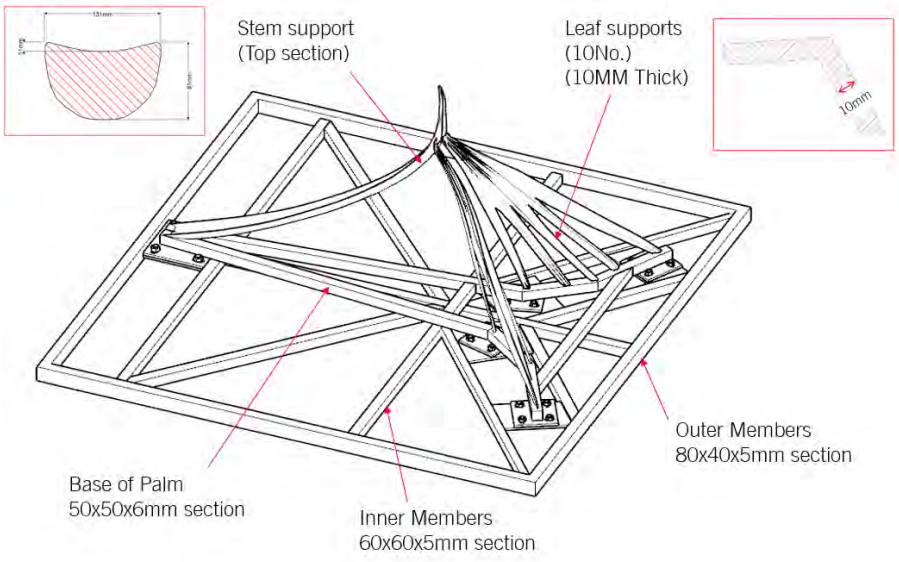


2.1 General Arrangement

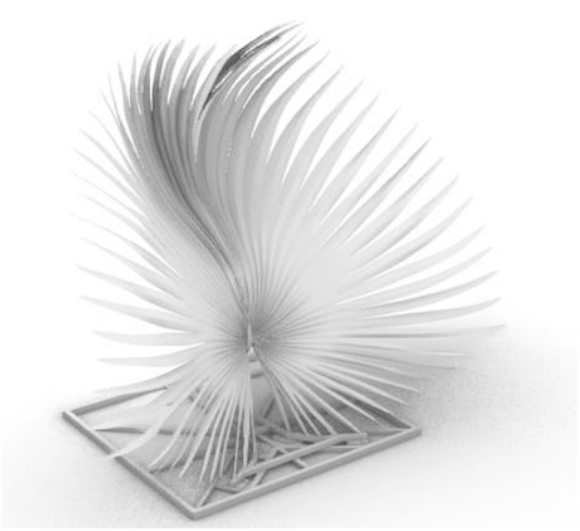
Naming convention for the Palm 1 (5m) sculpture:

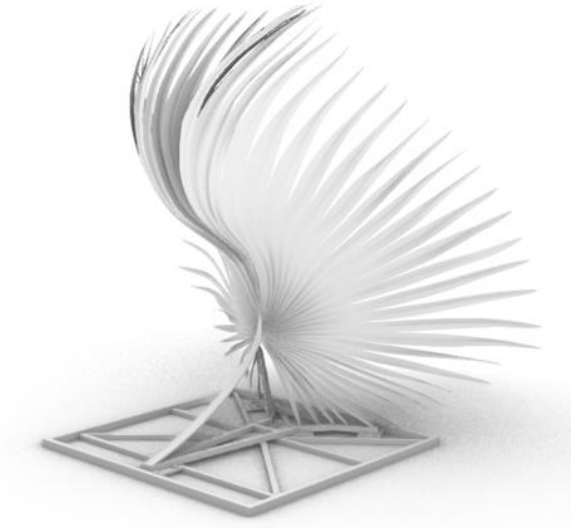


The leaves and leaf hub are formed from 4mm thick S316L stainless steel plate, polished to a mirror finish. The arrangement of the Palm 1 (5m) support structure is shown below. The leaf supports are formed from 10mm thick polished S316L stainless steel. The stem is a solid section cast in S316L polished stainless steel. For full shop drawings refer to Appendix A.

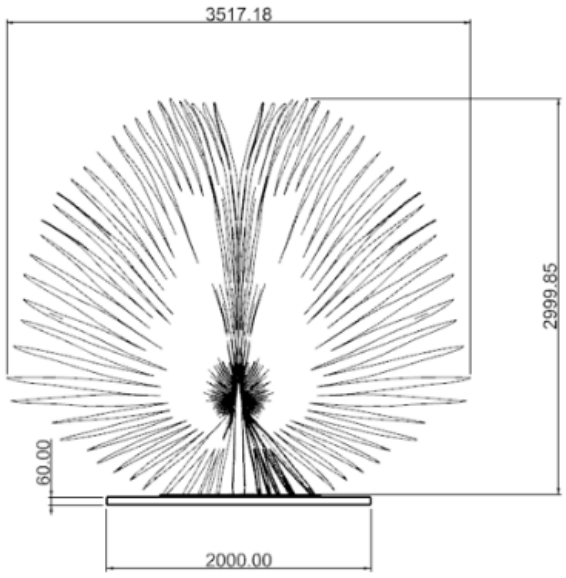


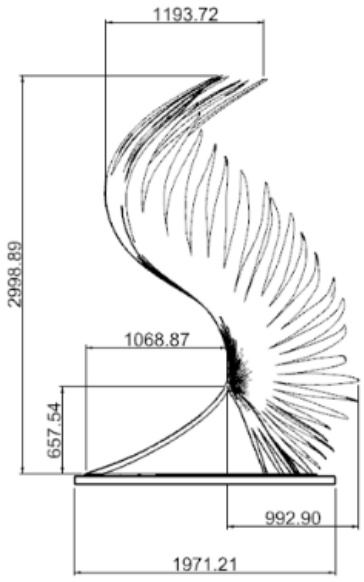
Location B





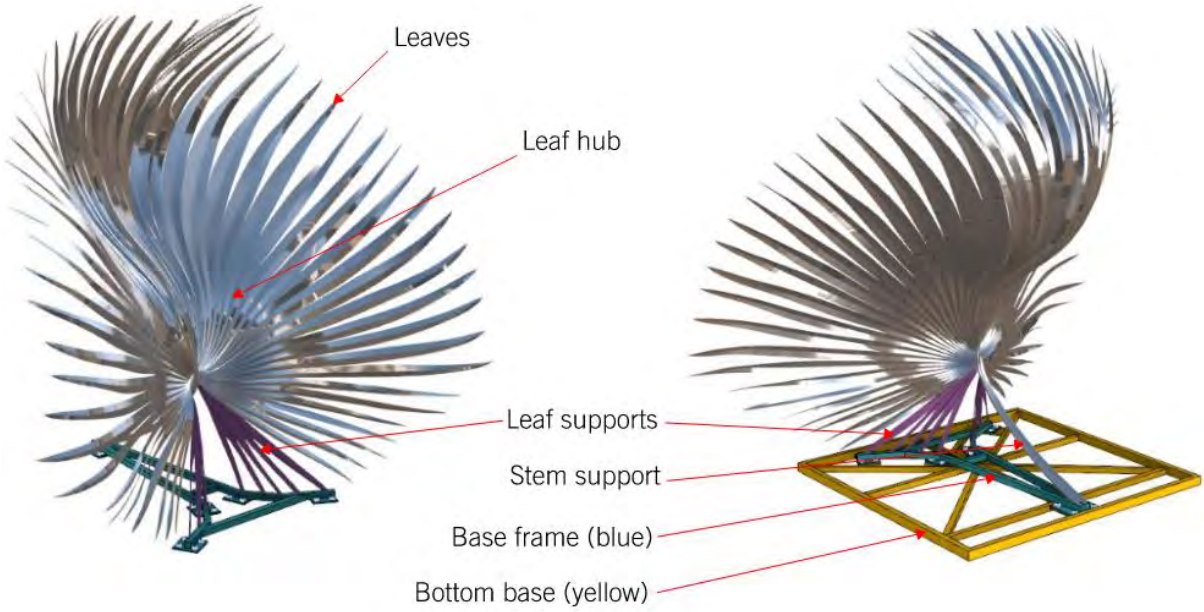
All dimensions in mm



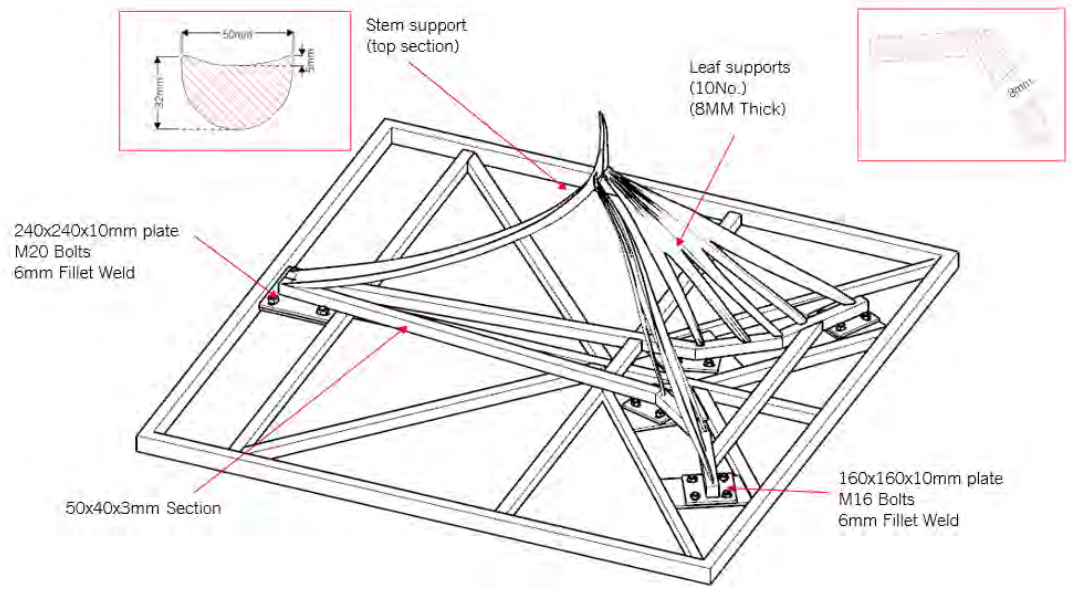


2.1 General Arrangement

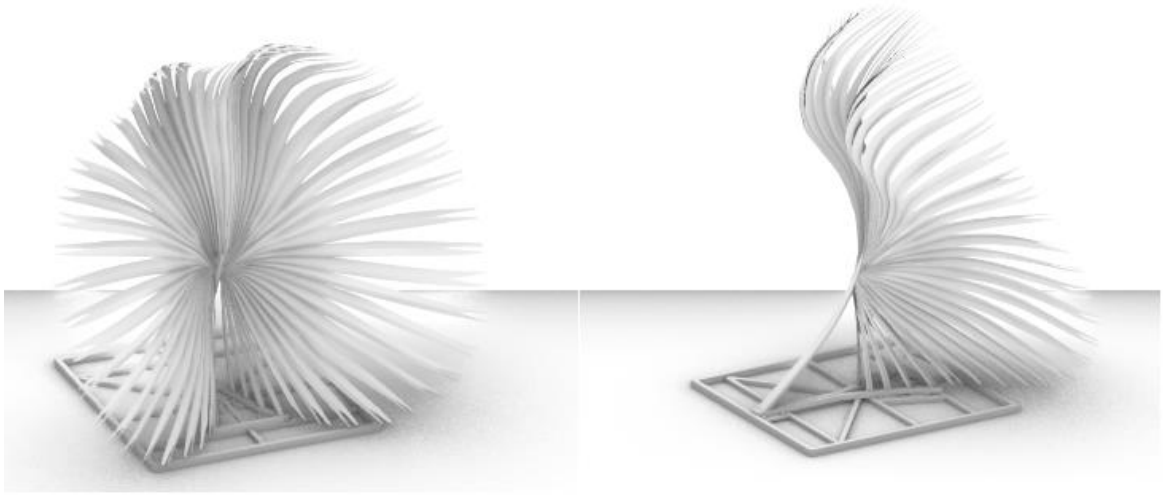
Naming convention for the Palm 1 (3m) sculpture:



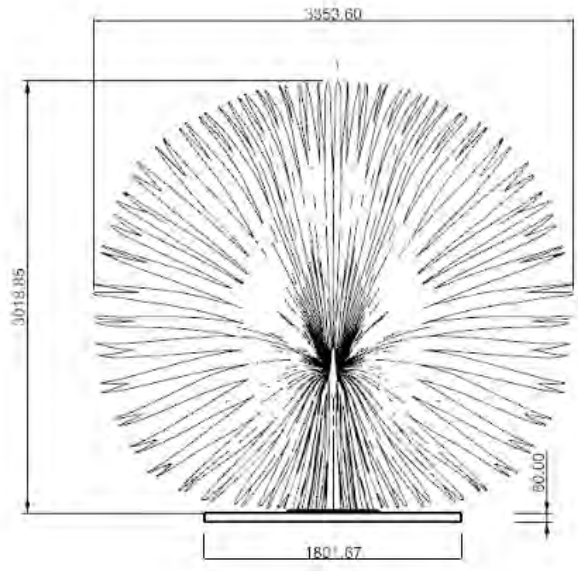
The leaves and leaf hub are formed from 4mm thick S316L stainless steel plate, polished to a mirror finish. The arrangement of the Palm 1 (3m) support structure is shown below. The leaf supports are formed from 8mm thick polished S316L stainless steel. The stem is a solid section cast in S316L polished stainless steel.

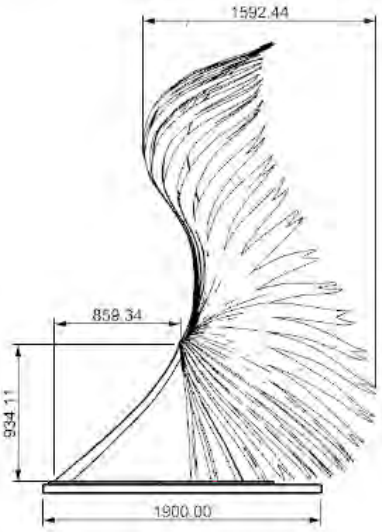


Location C



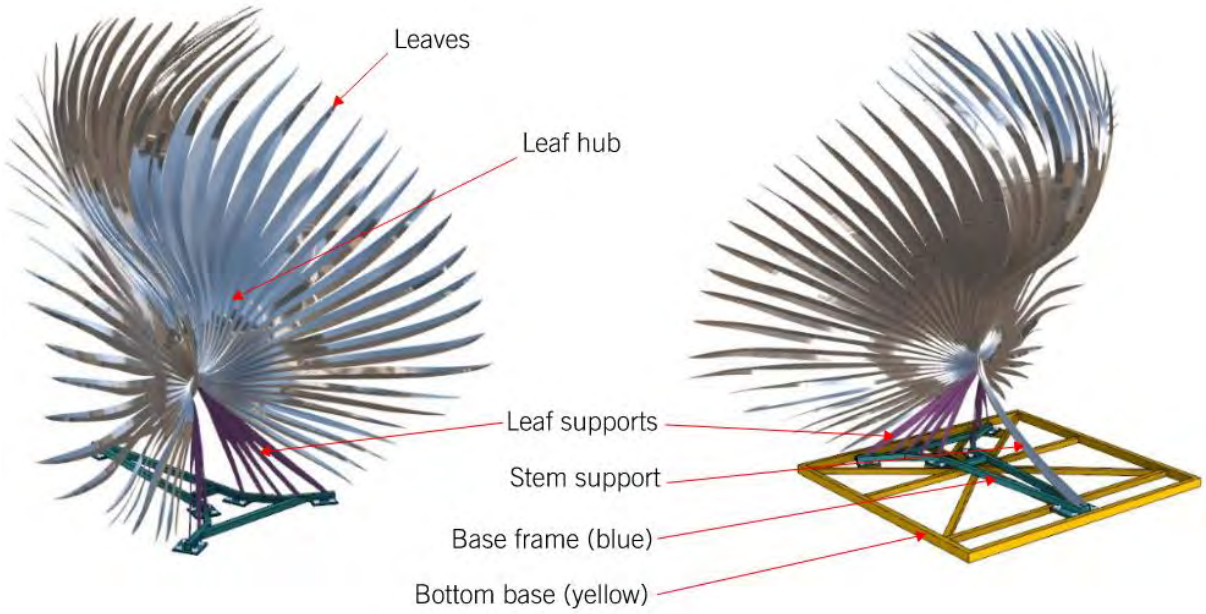
All dimensions in mm



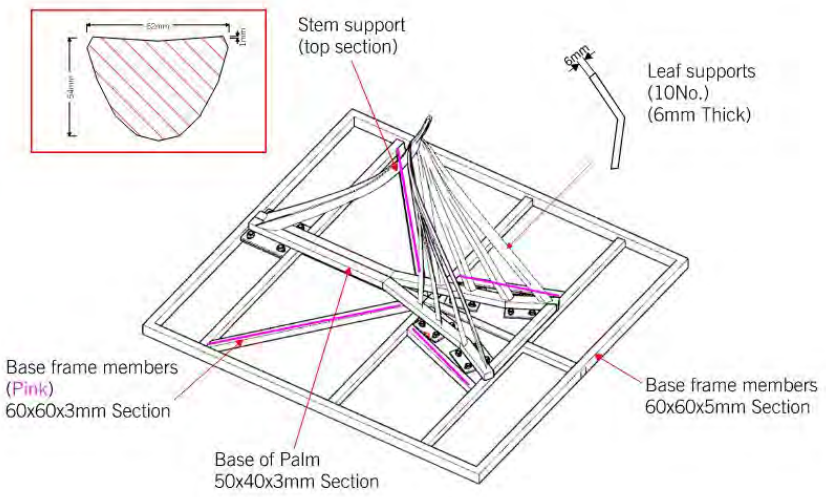


2.1 General Arrangement

Naming convention for the Palm 2 (3m) sculpture:



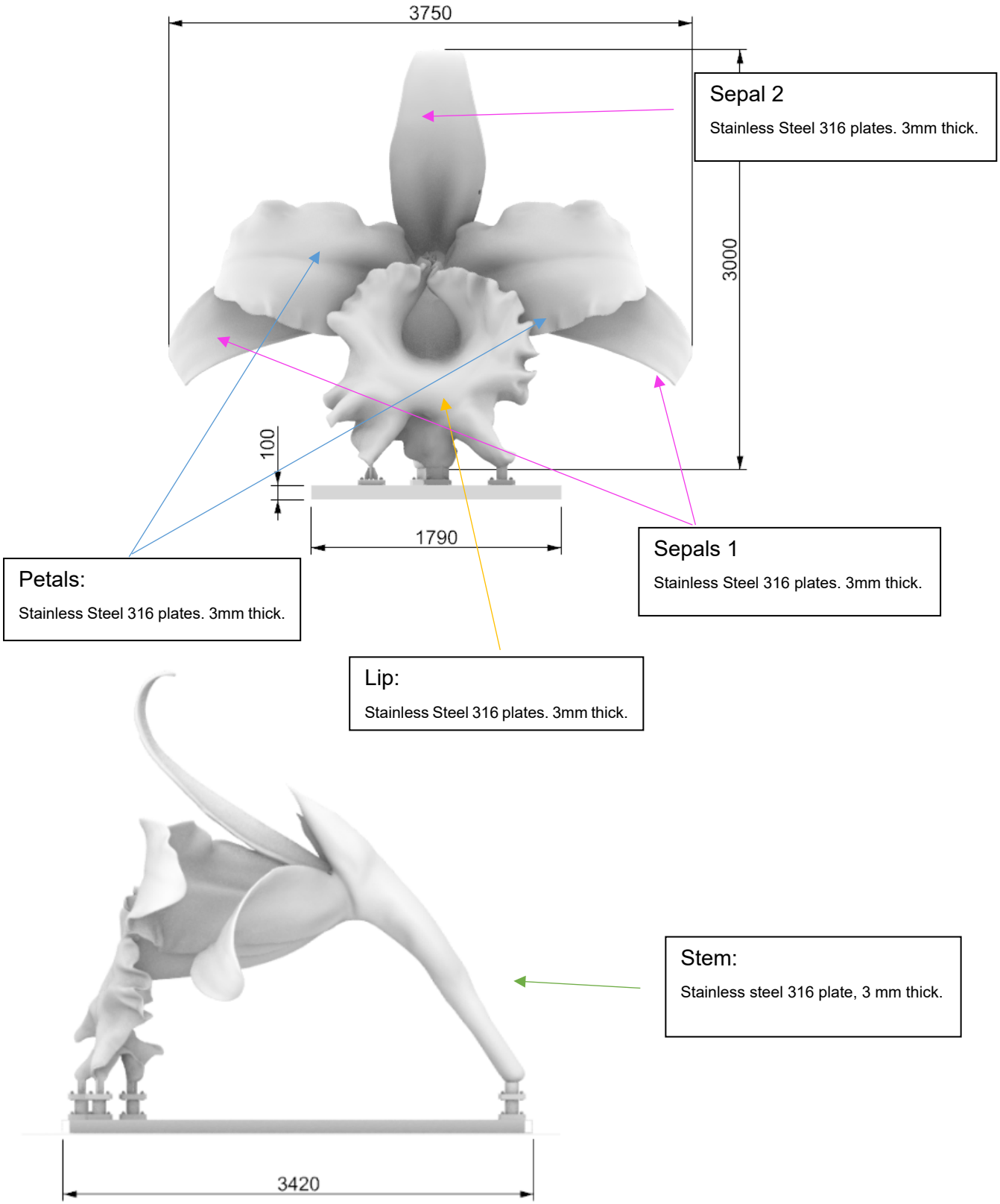
The leaves and leaf hub are formed from 4mm thick S316L stainless steel plate, polished to a mirror finish. The arrangement of the Palm 2 (3m) support structure is shown below. The leaf supports are formed from 6mm thick polished S316L stainless steel. The stem is a solid section cast in S316L polished stainless steel. For full shop drawings refer to Appendix A.



Location D

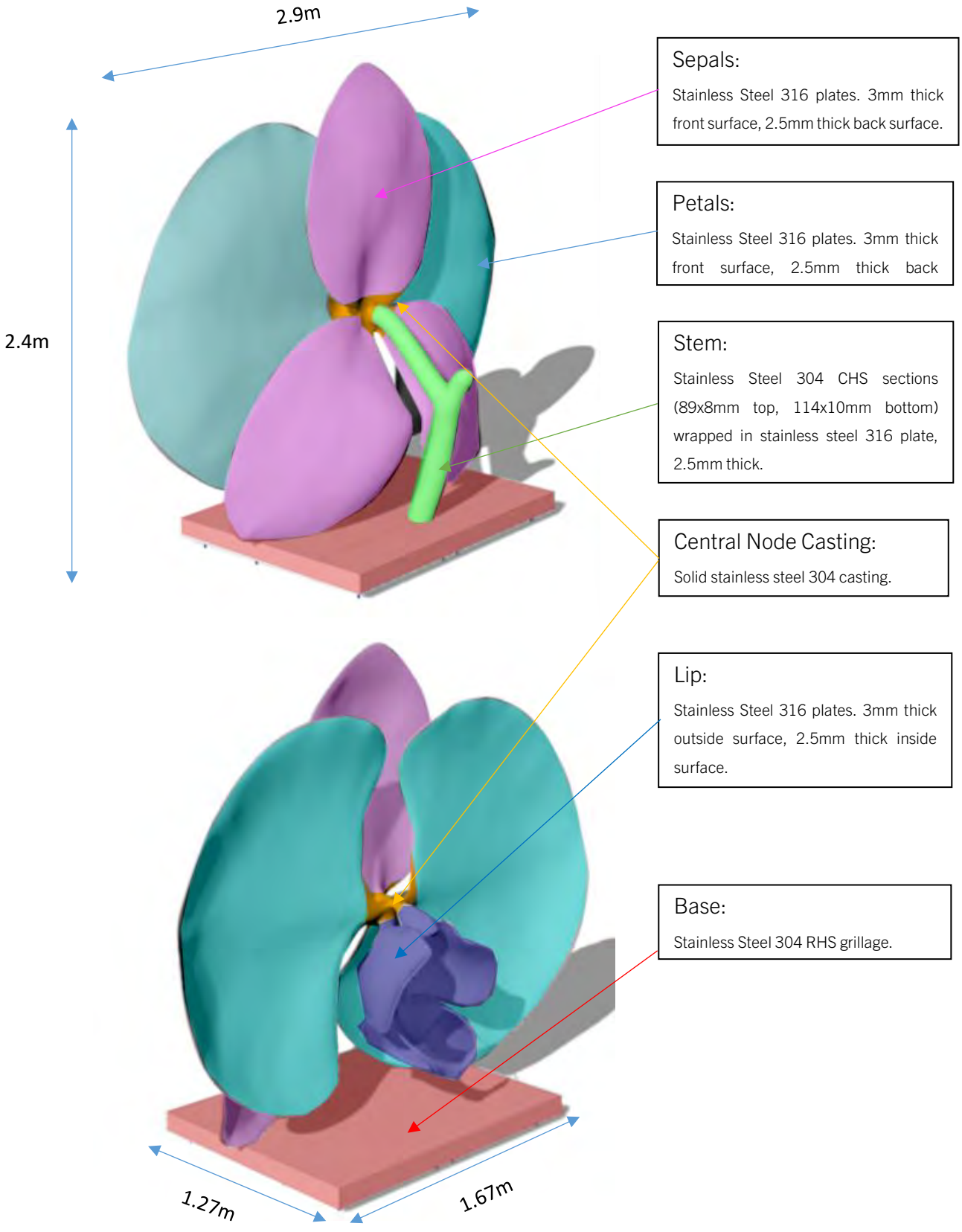
2.1 General Arrangement and Naming Convention

The general arrangement and naming convention of the Kew Orchid sculpture is detailed below.



Location E

The general arrangement and naming convention of the Pink Orchid (2.4m) sculpture is detailed below.



Sepals:
Stainless Steel 316 plates. 3mm thick front surface, 2.5mm thick back surface.

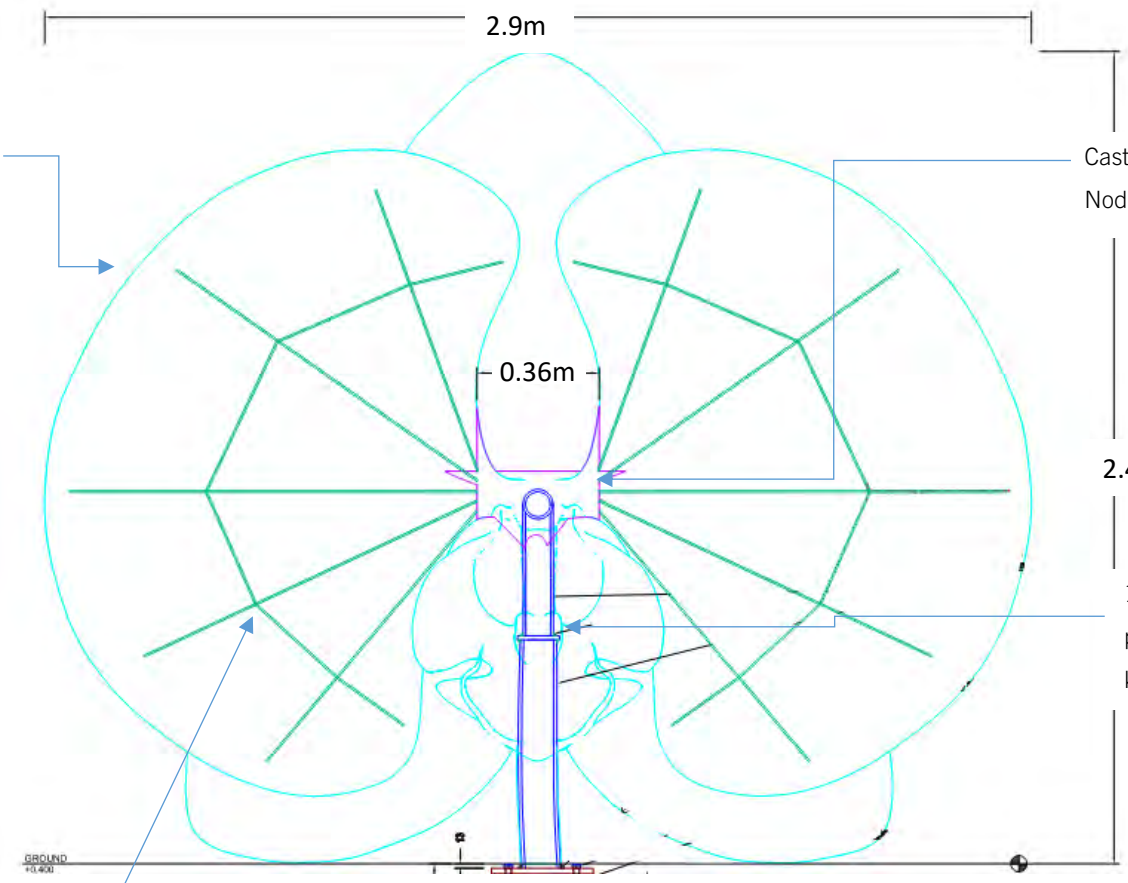
Petals:
Stainless Steel 316 plates. 3mm thick front surface, 2.5mm thick back

Stem:
Stainless Steel 304 CHS sections (89x8mm top, 114x10mm bottom) wrapped in stainless steel 316 plate, 2.5mm thick.

Central Node Casting:
Solid stainless steel 304 casting.

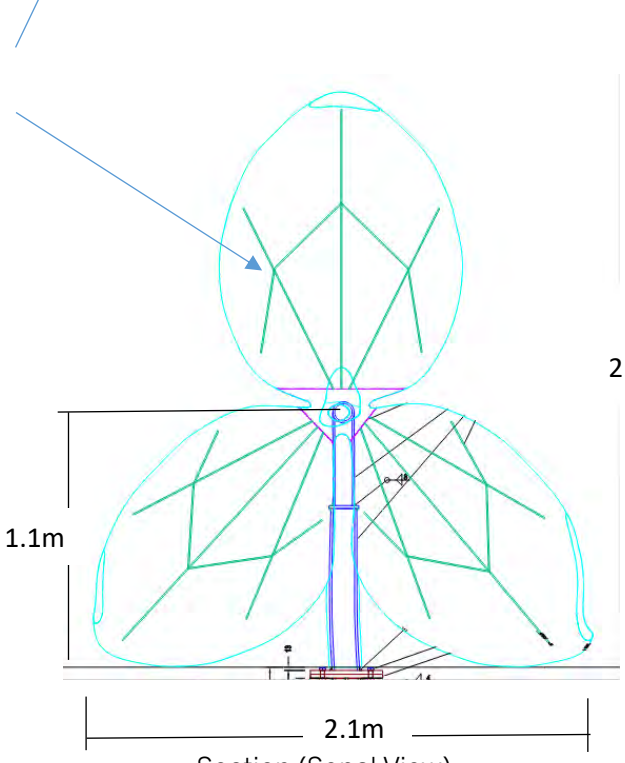
Lip:
Stainless Steel 316 plates. 3mm thick outside surface, 2.5mm thick inside surface.

Base:
Stainless Steel 304 RHS grillage.

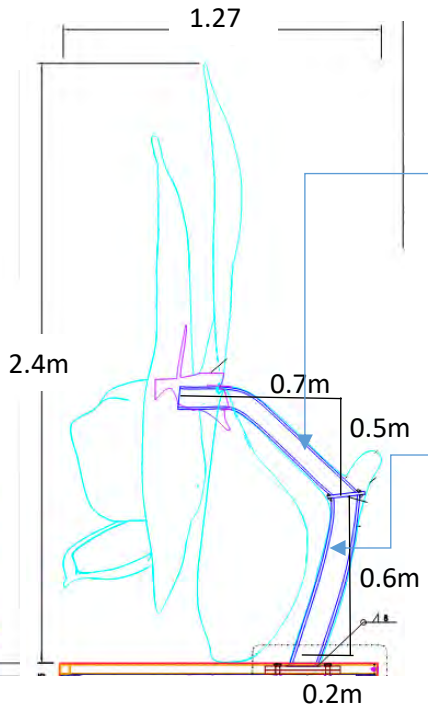


Front Elevation

Internal stiffeners within petal/sepal plates. 5mm thick steel



Section (Sepal View)



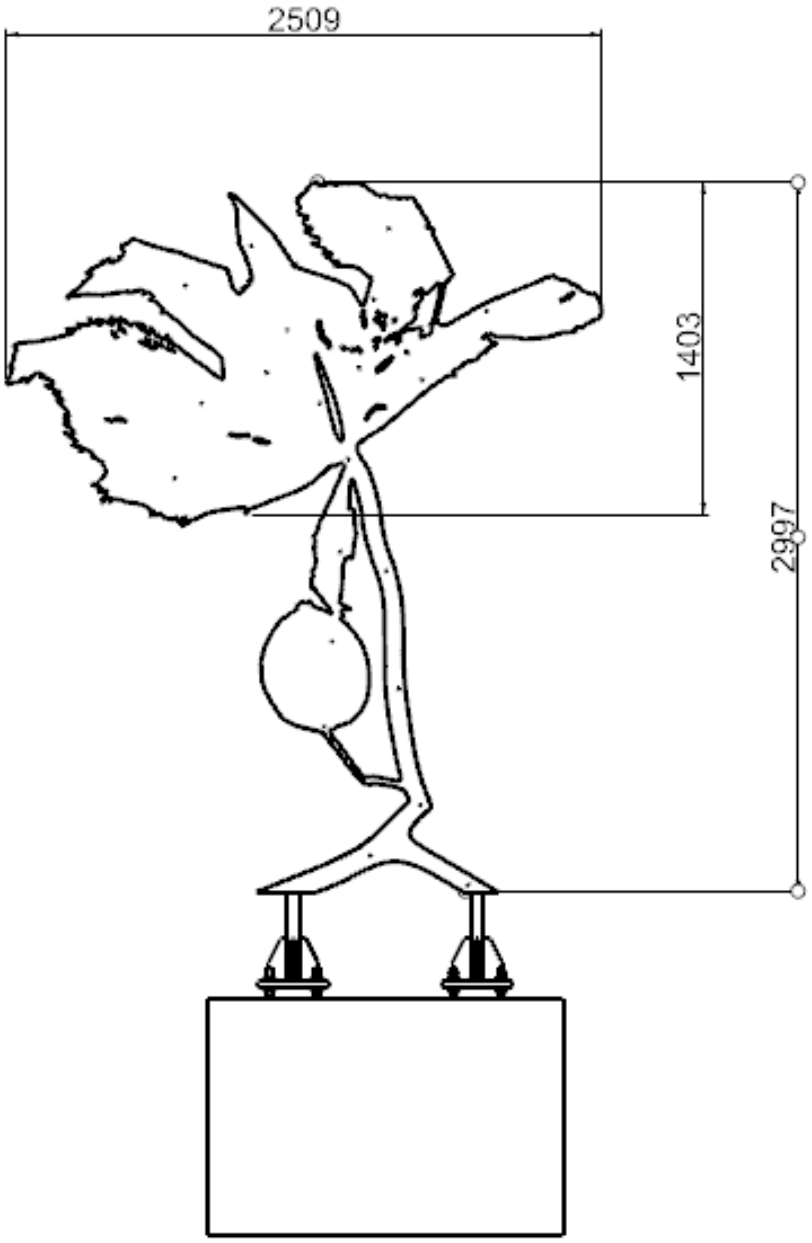
Side Elevation

Locations F, G

This basis of design and calculation summary details the structural analysis approach for the sculpture 'Pacific Yew'. It includes an outline of the applied loads and any assumptions made during the structural analysis as well as summarises the results of the analysis carried out and any required alterations or strengthening to the structure.

Dimensions in mm

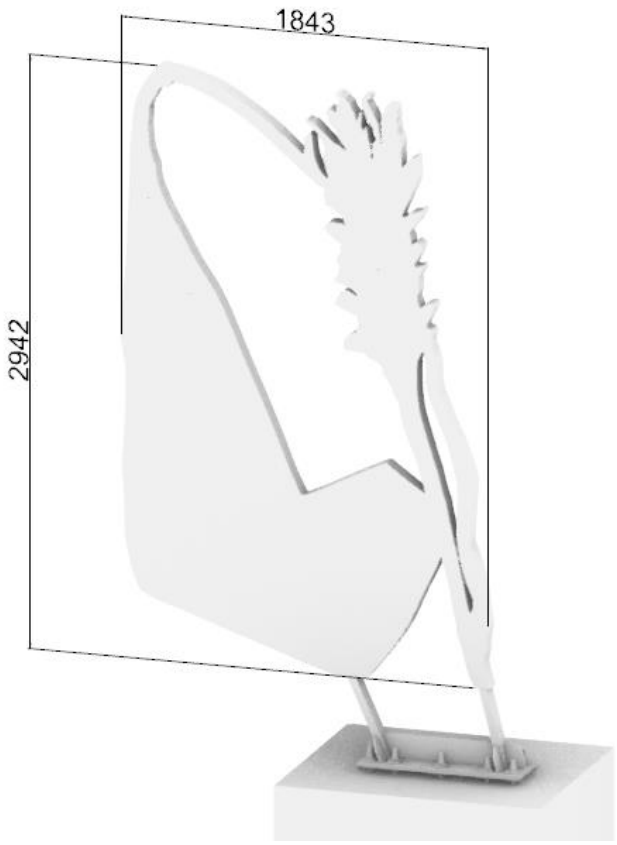
This basis of design and calculation summary details the structural analysis approach for the sculpture 'Himalayan Mayapple'. It includes an outline of the applied loads and any assumptions made during the structural analysis as well as summarises the results of the analysis carried out and any required alterations or strengthening to the structure.



All Dimensions in mm

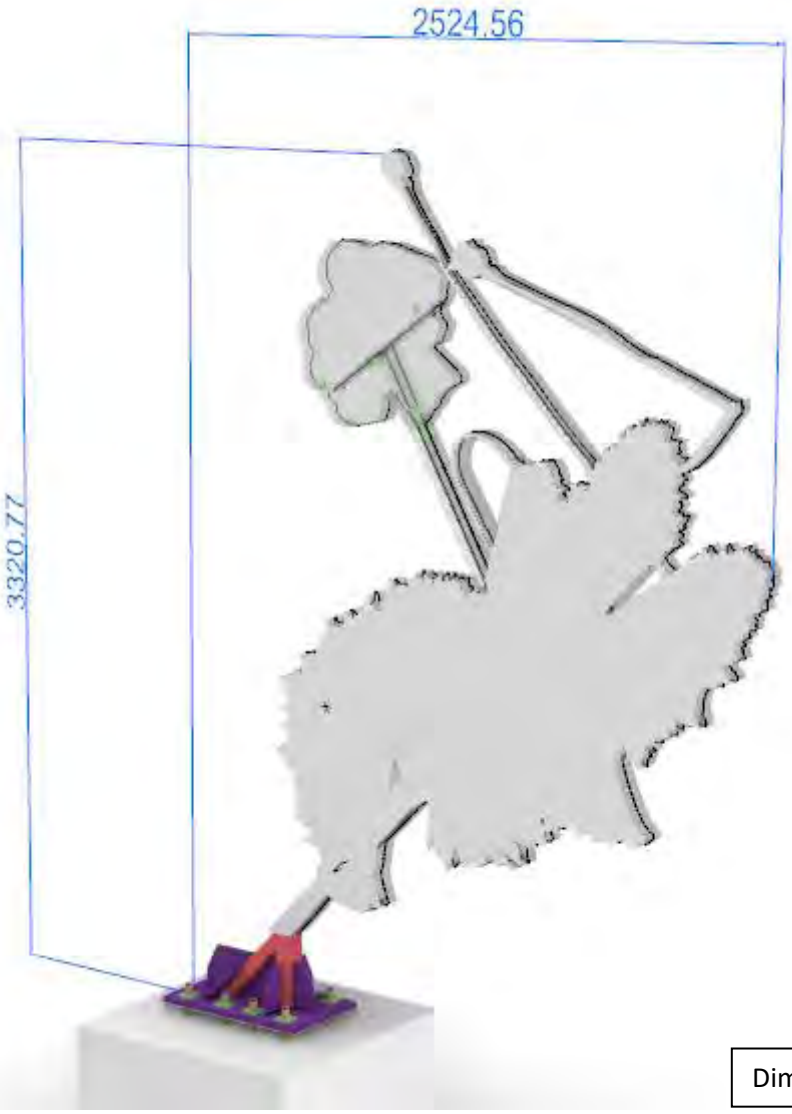
Locations H, I

This basis of design and calculation summary details the structural analysis approach for the sculpture 'Turmeric'. It includes an outline of the applied loads and any assumptions made during the structural analysis as well as summarises the results of the analysis carried out and any required alterations or strengthening to the structure.



All dimensions in mm

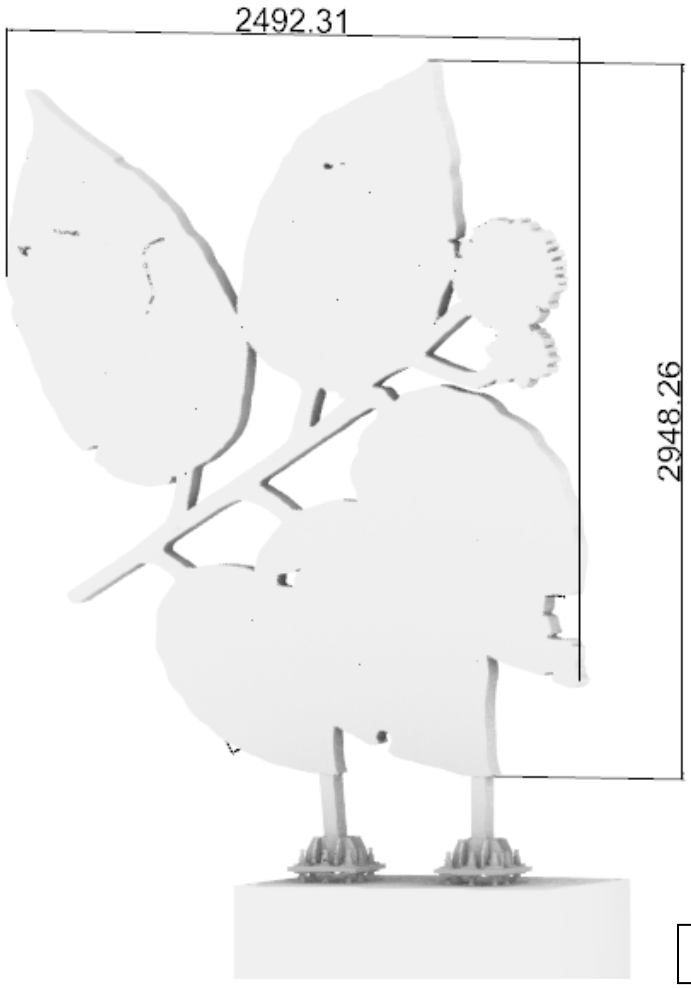
This basis of design and calculation summary details the structural analysis approach for the sculpture 'Opium Poppy'. It includes an outline of the applied loads and any assumptions made during the structural analysis as well as summarises the results of the analysis carried out and any required alterations or strengthening to the structure.



Dimensions in mm

Location J

This basis of design and calculation summary details the structural analysis approach for the sculpture 'Happy Tree'. It includes an outline of the applied loads and any assumptions made during the structural analysis as well as summarises the results of the analysis carried out and any required alterations or strengthening to the structure.

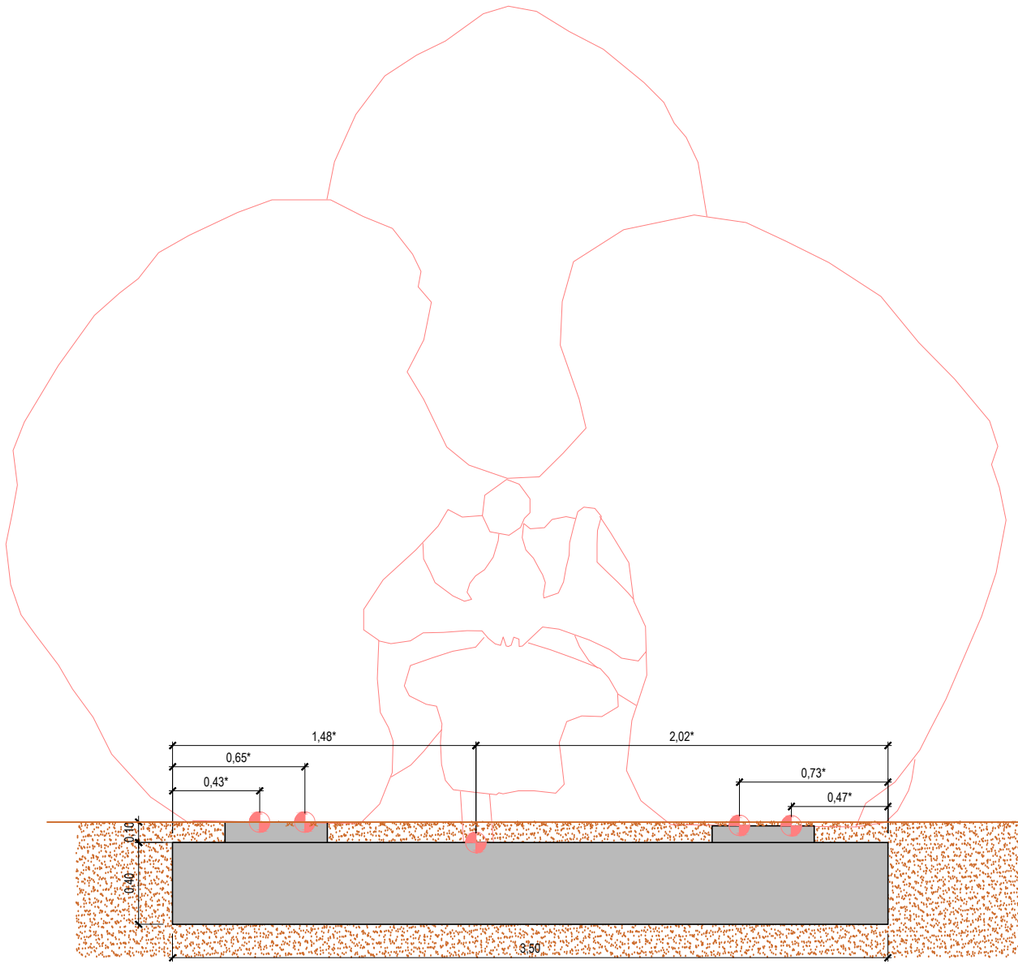


Dimensions in mm

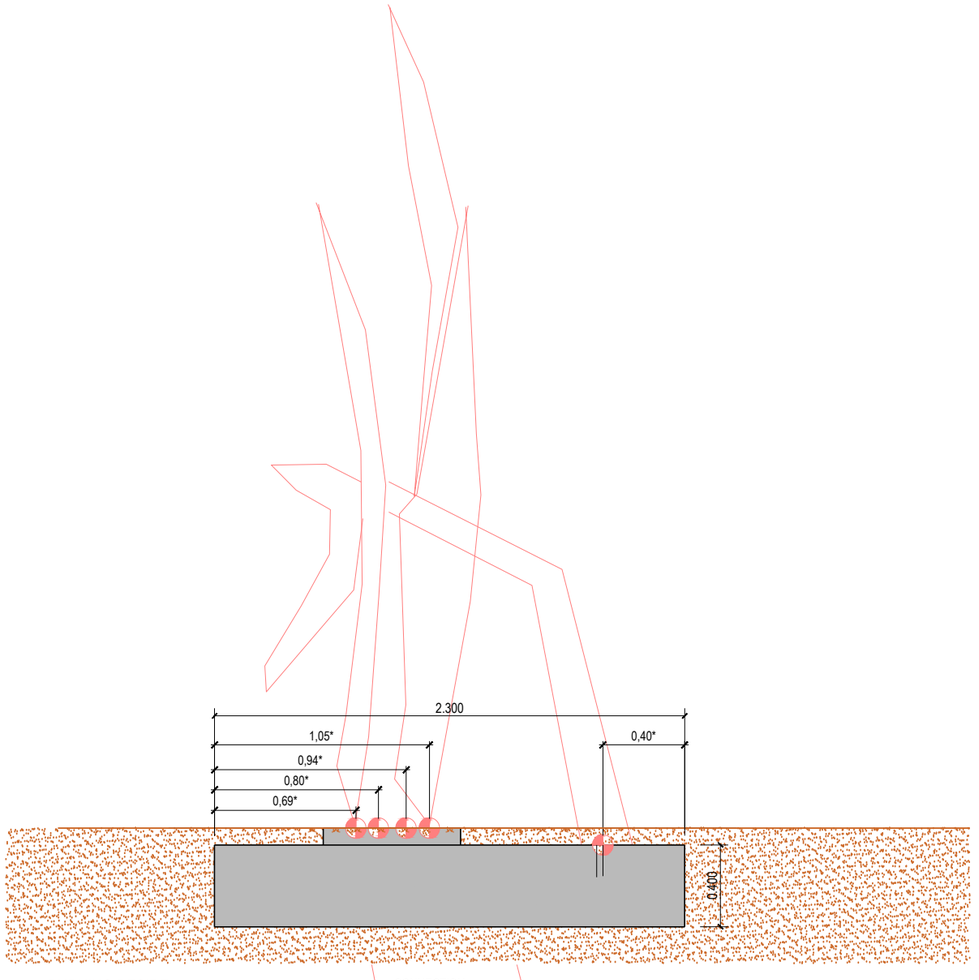
Location K

Location M

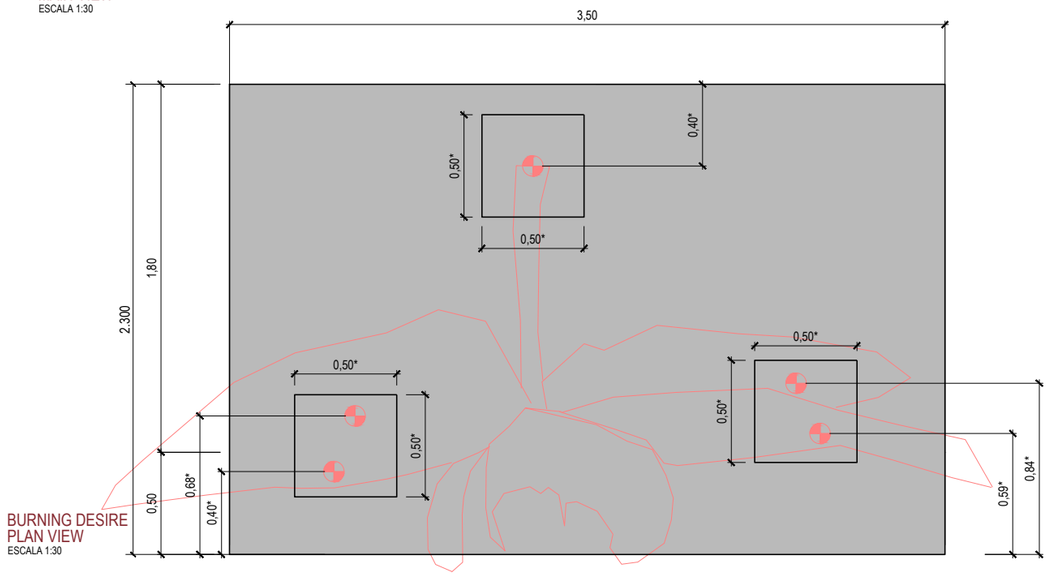
Location N



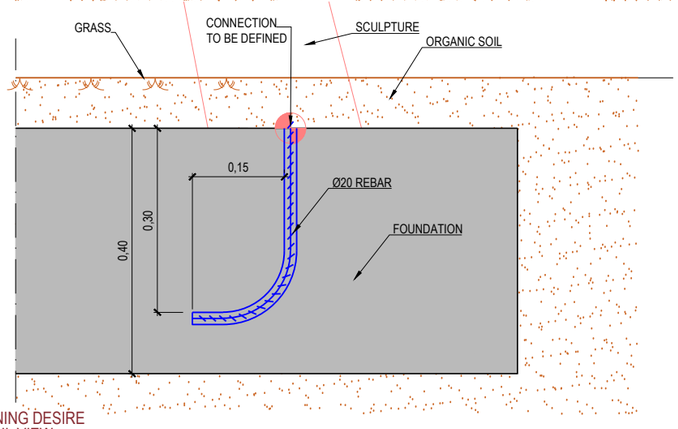
BURNING DESIRE
MAIN VIEW
ESCALA 1:30



BURNING DESIRE
LATERAL VIEW
ESCALA 1:30



BURNING DESIRE
PLAN VIEW
ESCALA 1:30



BURNING DESIRE
DETAIL VIEW
ESCALA 1:10

* DIMENSION TO BE CONFIRMED WITH ACTUAL GEOMETRY OF THE PIECE

THIS DRAWING IS NOT ISSUED FOR CONSTRUCTION

MATERIAL PROPERTIES

MATERIAL	ELEMENT	DESIGNATION	NOMINAL STRENGTH	COEFFICIENT	COVER
CONCRETE	FOUNDATION	C25/30-XC2	fck = 25 MPa	γ_c= 1.50	20 mm
REINFORCEMENT STEEL	FOUNDATION	B-500-SD	fyk =500 MPa	γ_S= 1.15	-

VERSION	DATE	COMMENTS	DRAWN	CHECK	APPROVED
v01	05/12/2023	INITIAL VERSION	IAA	JOQ	IAA

REPLACING:

PROJECT TITLE: Marc Quinn LL London
DRAWING TITLE: FOUNDATION SPECIFICATIONS
PROJECT No.: M00523
REF:

PROJECT: MARC QUINN. LIGHT INTO LIFE LONDON

CONSULTANT: Materia

CLIENT: FACTUM arte

SCALE: 1:10 NUMERIC | GRAPHIC 0 0.1 0.2 0.3 ORIGINAL UNE A-3

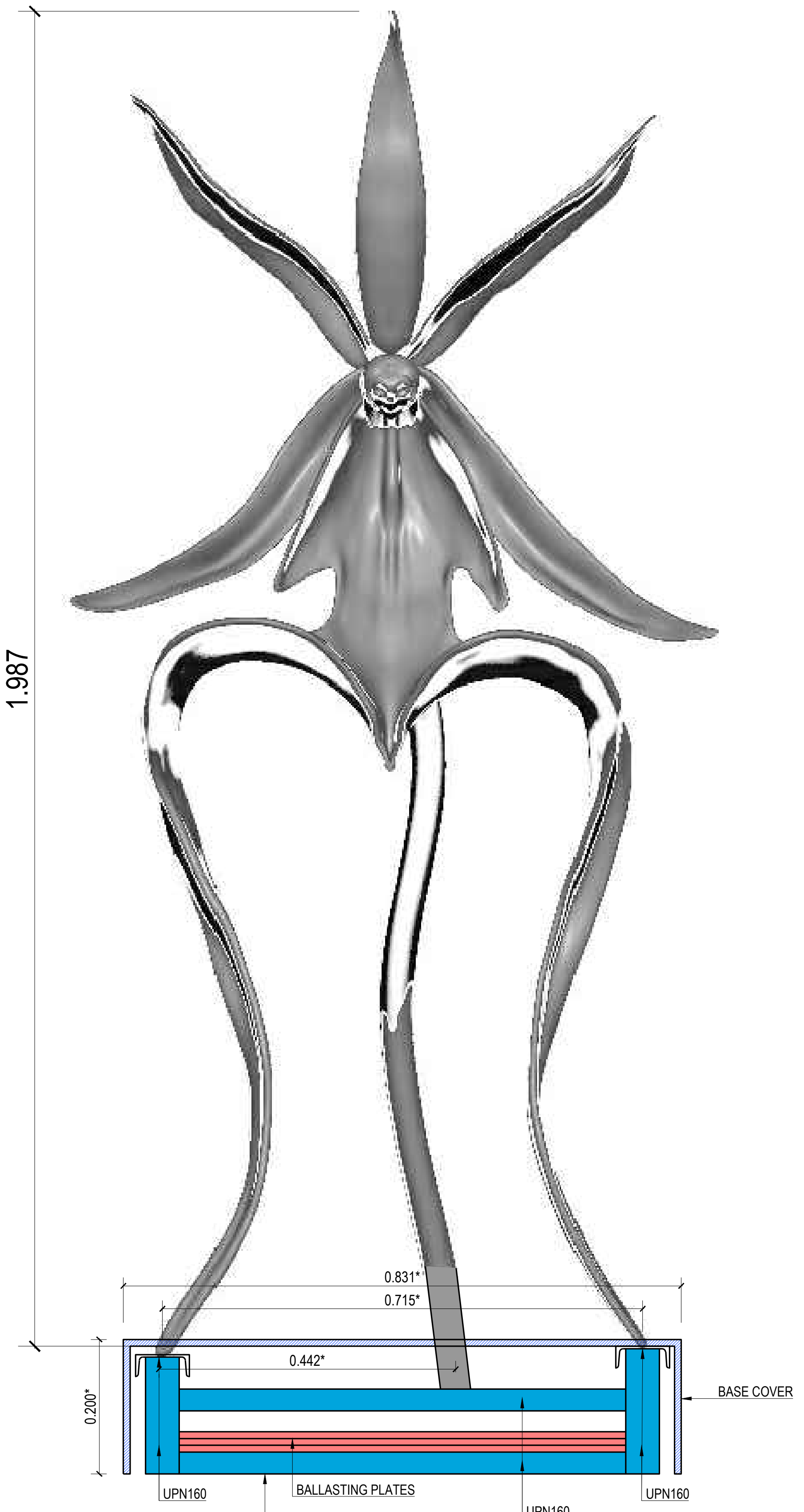
DATE: DEC-2023

DRAWING TITLE: BURNING DESIRE

DRAWING NUMBER: 01

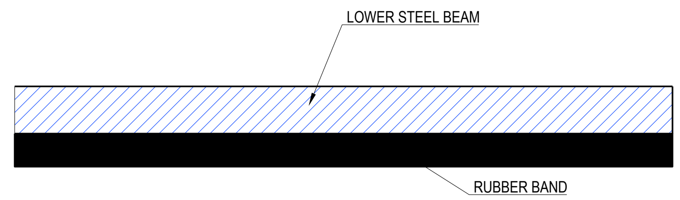
SHEET 01 OF 04

Location O



HELD BY DESIRE
MAIN VIEW
ESCALA 1:10

HELD BY DESIRE
LATERAL VIEW
ESCALA 1:10



GHOST ORCHID
SUPPORT PIECE DETAIL. INNER BOX
ESCALA 1:4

* DIMENSION TO BE CONFIRMED WITH ACTUAL GEOMETRY OF THE PIECE

THIS DRAWING IS NOT ISSUED FOR CONSTRUCTION

THE WHOLE BASE (STEEL BEAMS + BALLASTING PLATES) MUST WEIGH 360 kg TO FULLFIL STABILITY REQUIREMENTS

MATERIAL PROPERTIES

MATERIAL	ELEMENT	DESIGNATION	NOMINAL STRENGTH
STEEL	BASE BEAMS	S-275-JR	f_{yk} = 275 MPa
	BALLASTING PLATES	ANY	ANY

PROJECT No.	PROJECT TITLE					
M0005-23	Marc Quinn LiL London					
REF.	DRAWING TITLE: FOUNDATION SPECIFICATIONS	REPLACING:				
		v01	05/12/2023	INITIAL VERSION	IAA	JOQ
		VERSION	DATE	COMMENTS	DRAWN	CHECK

APPROVED: IAA

PROJECT: MARC QUINN. LIGHT INTO LIFE LONDON

CONSULTANT: Materia

CLIENT: FACTUM arte

SCALE: 1:10 NUMERIC; GRAPHIC 0 0.1 0.2 0.3; ORIGINAL UNE A-3

DATE: DEC-2023

DRAWING TITLE: GHOST ORCHID 2m TALL

DRAWING NUMBER: 04

SHEET 04 OF 04