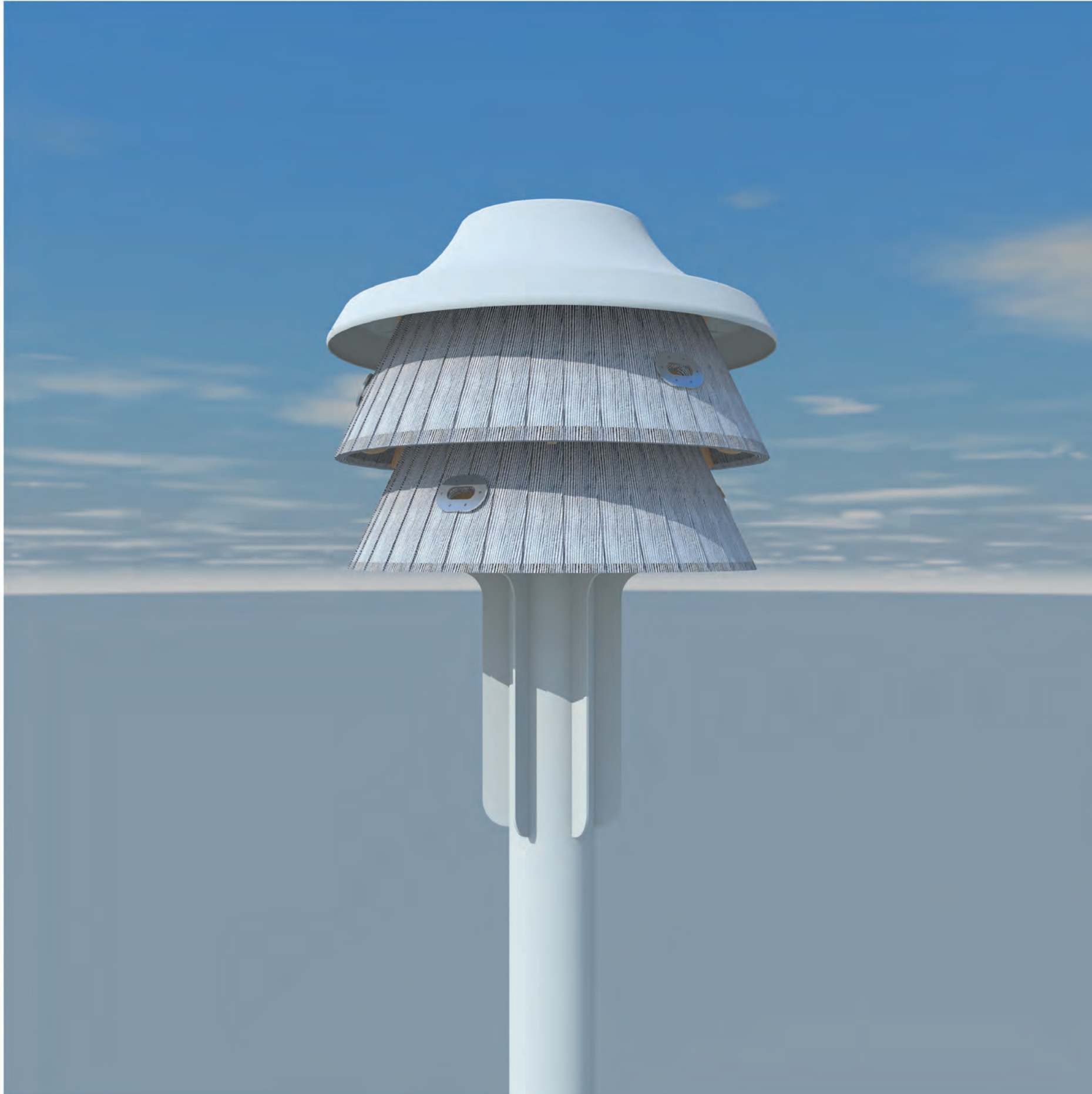


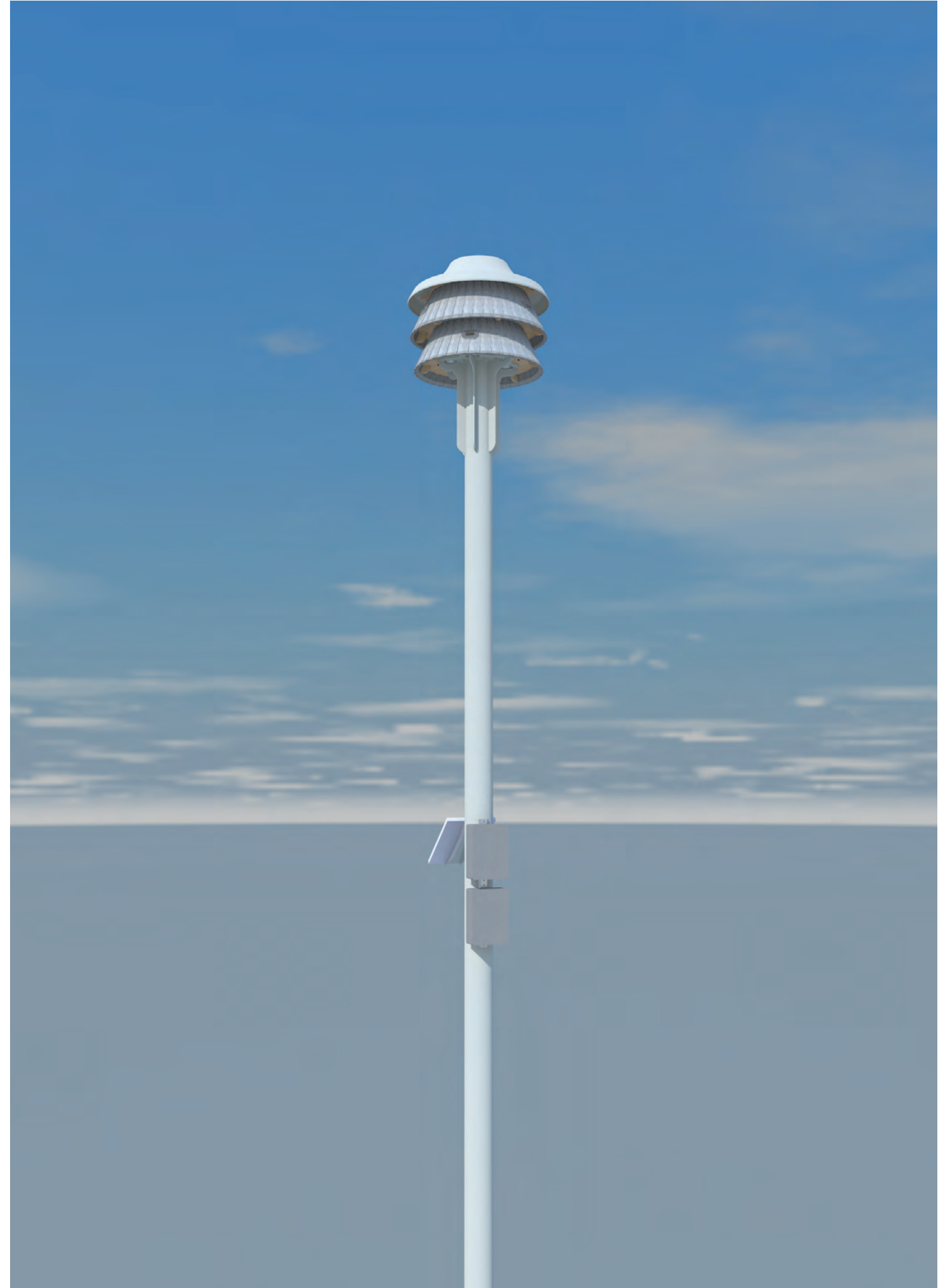
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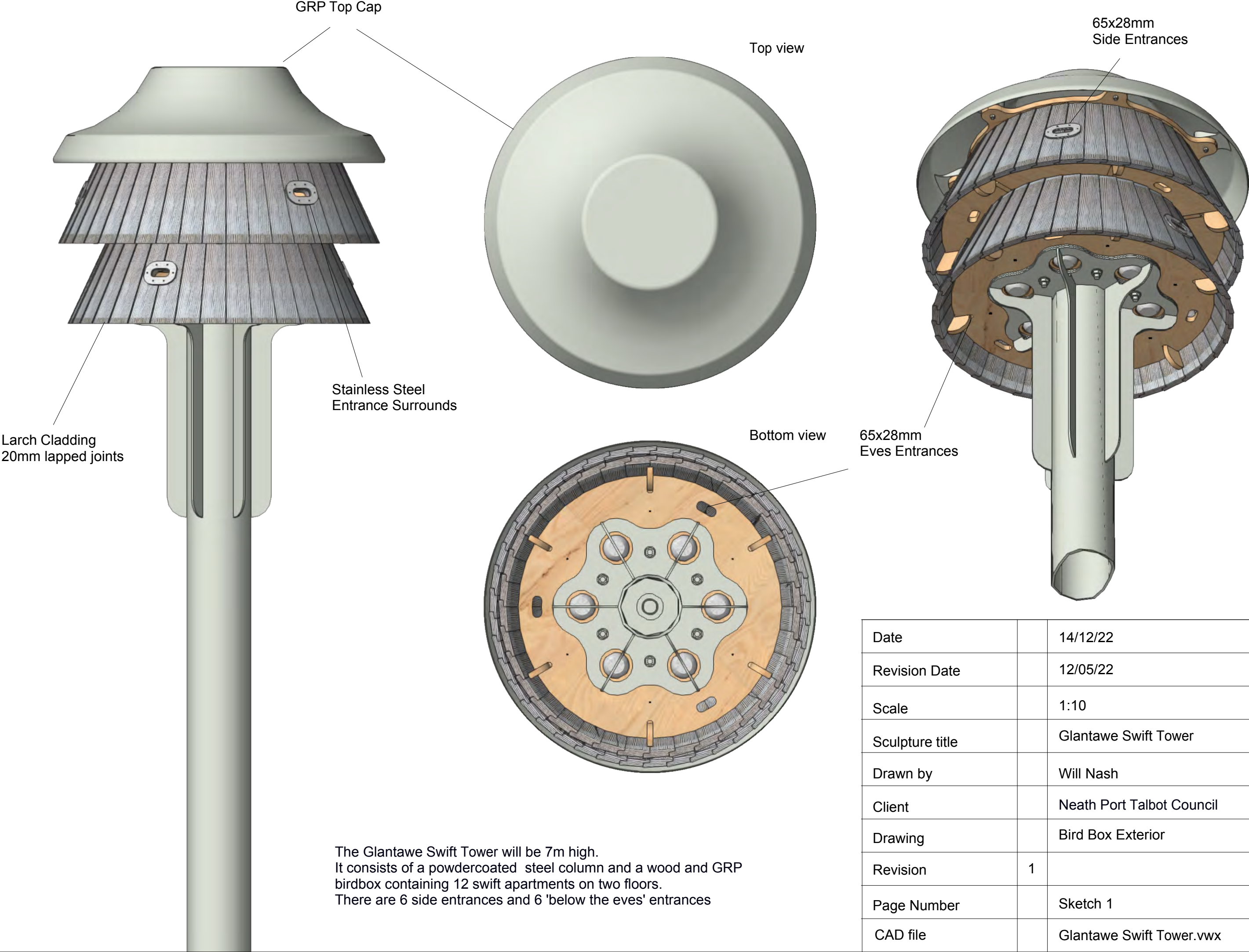
Glantawe Swift Tower



Superseded



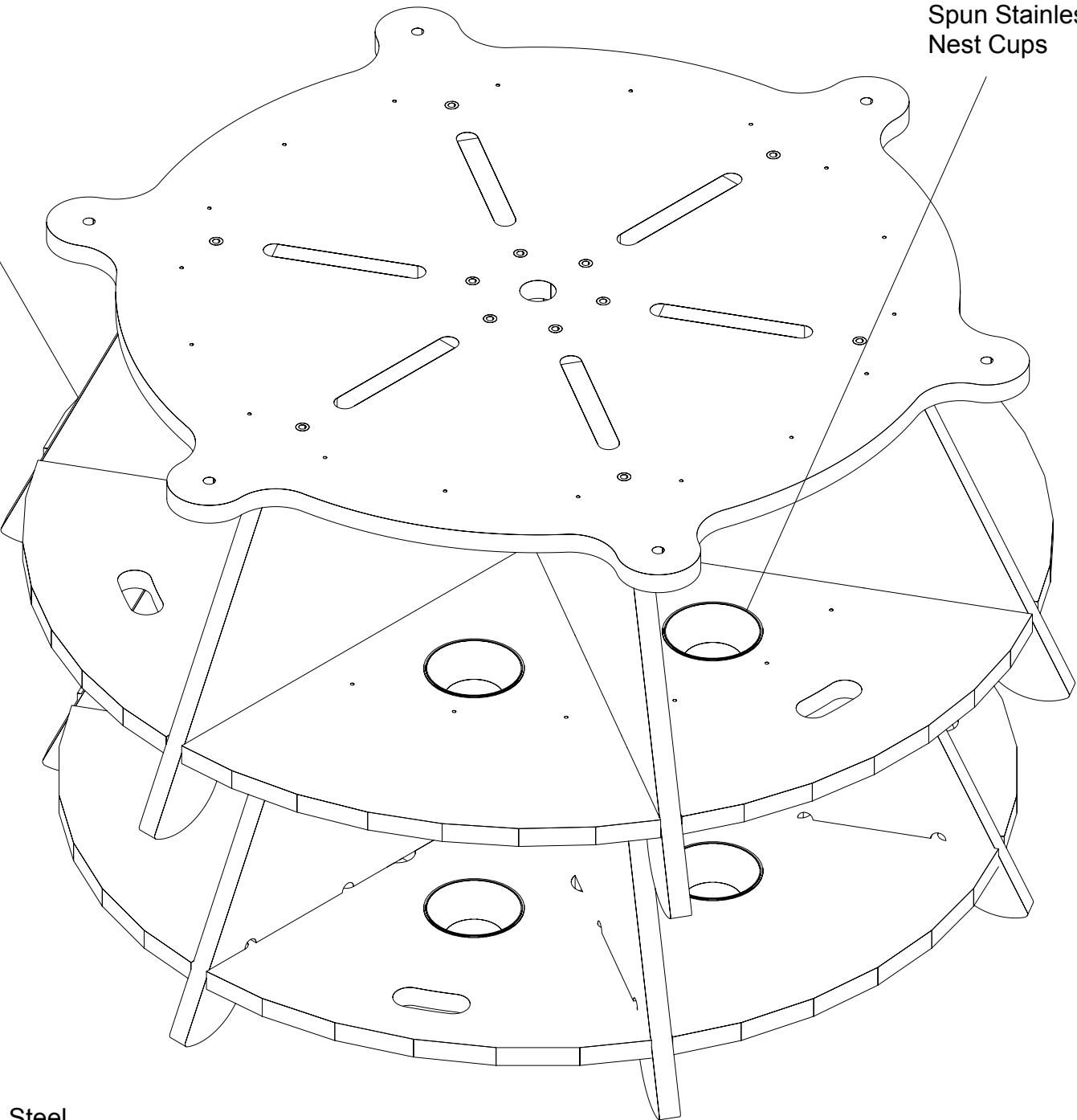
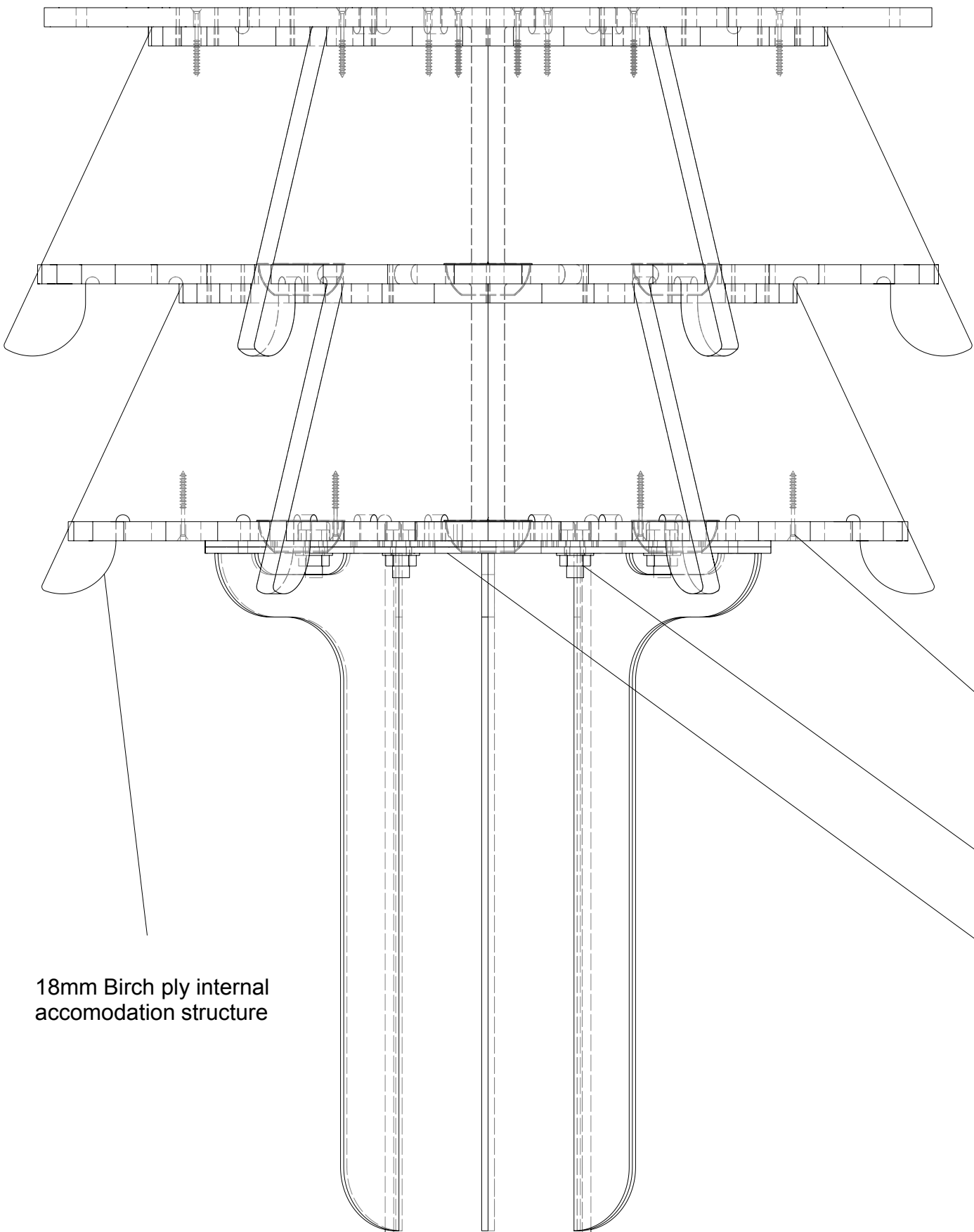
Superseded



Date		14/12/22
Revision Date		12/05/22
Scale		1:10
Sculpture title		Glantawe Swift Tower
Drawn by		Will Nash
Client		Neath Port Talbot Council
Drawing		Bird Box Exterior
Revision	1	
Page Number		Sketch 1
CAD file		Glantawe Swift Tower.vwx

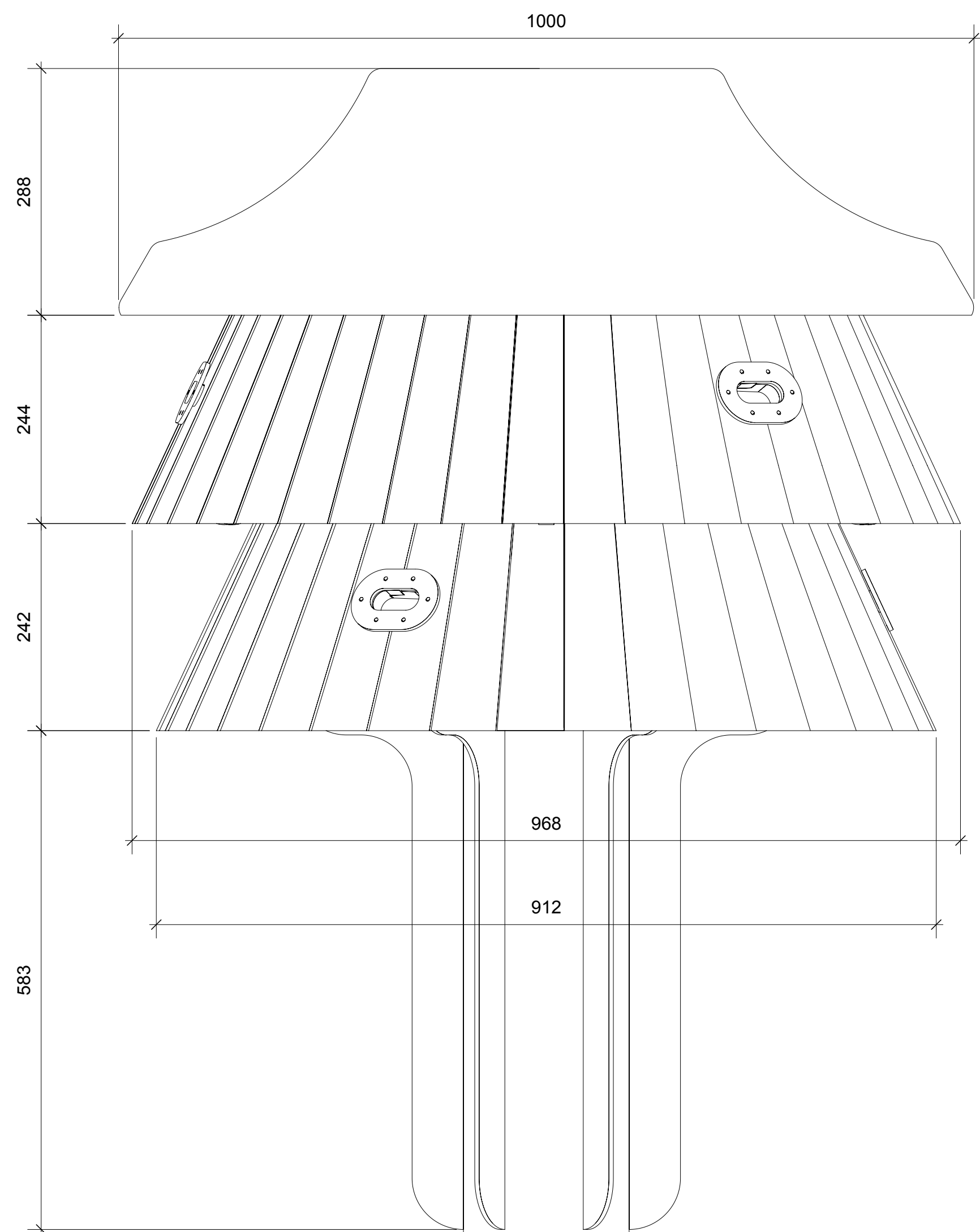
Superseded

12 Nest Apartments
Nest Apartment floor areas:
Level 1: 0.072 sq M
Level 2: 0.083 sq M



Date		14/12/22
Revision Date		
Scale		1:5
Sculpture title		Glantawe Swift Tower
Drawn by		Will Nash
Client		Neath Port Talbot Council
Drawing		Nest Box Internal Details
Revision		
Page Number		Sketch 2
CAD file		Glantawe Swift Tower.vwx

Superseded



Solar Powered Swift Call Audio System

Includes:

Two Visaton FR 8 WP 25w speakers mounted into the Larch Cladding

Two IP65 weatherproof cabinets mounted on the pole.

Speaker wire, runs from the speakers to the cabinets containing:

A Lepy LP-269s Hi-Fi Digital Multimedia player

A Memory card with MP3 playing Swift Calls plugged into the Lepy

Heschen Programmable Timer Relay Switch, CN101A, DC12V 16Amp

Victron Energy SmartSolar Bluetooth charge controller

12v Battery

Pole Mounted 30watt Solar Panel

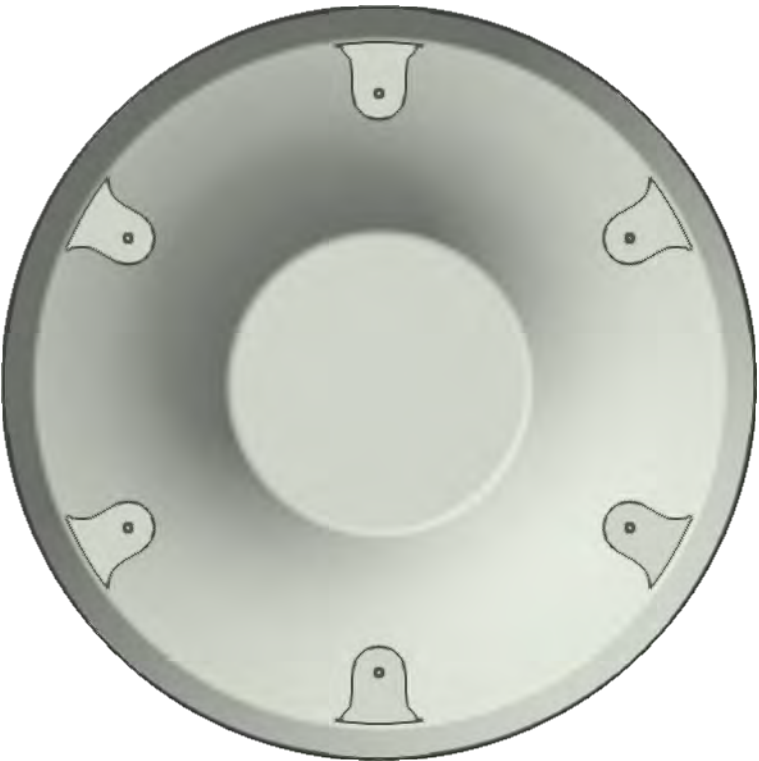
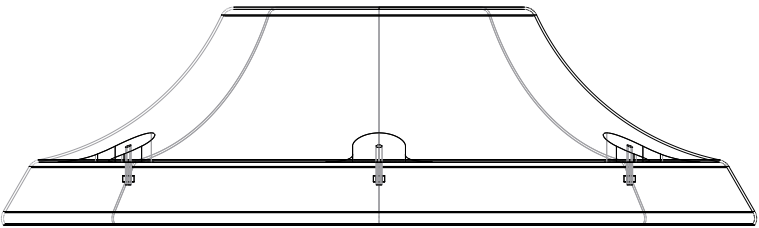
The Swift Call audio is designed as a stand-alone system, it will need to be set up in May to play swift calls for a few hours in the morning and evening during the period when Swifts are in the UK (between end of April and mid-September) then deactivated in September.

Once Swifts are observed nesting in the Swift Tower the audio system can be de-activated and removed.

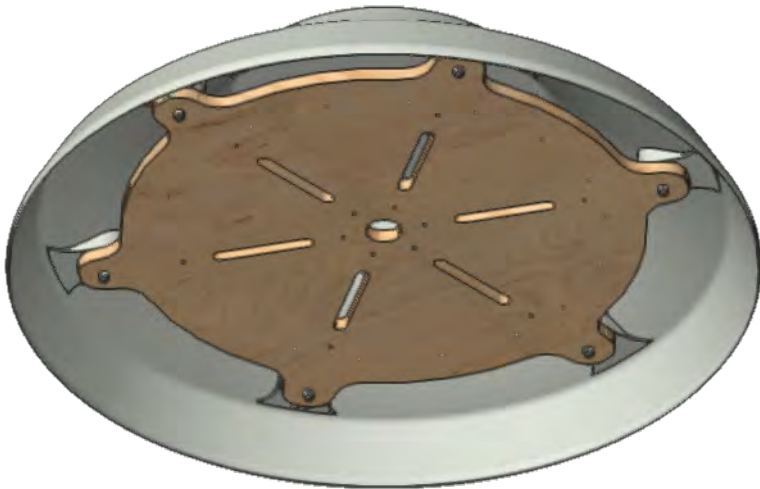
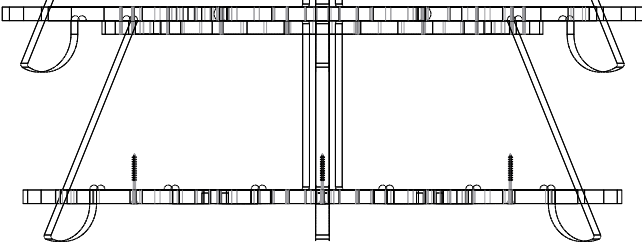
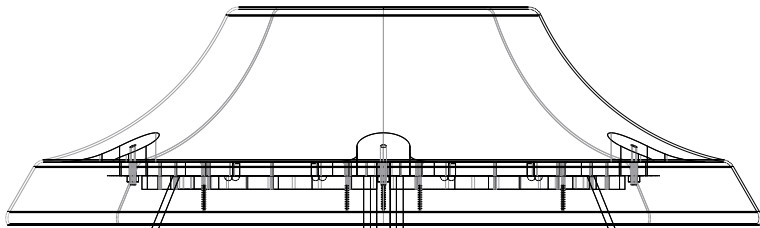
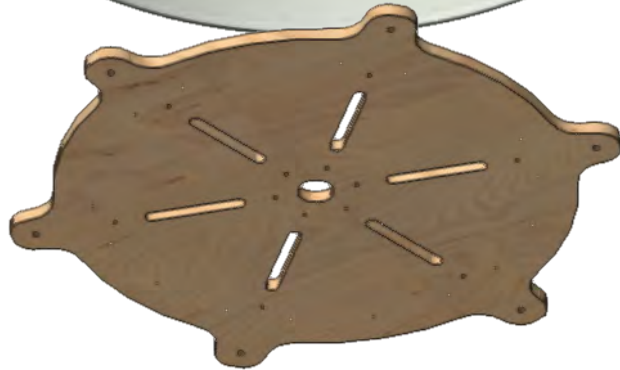
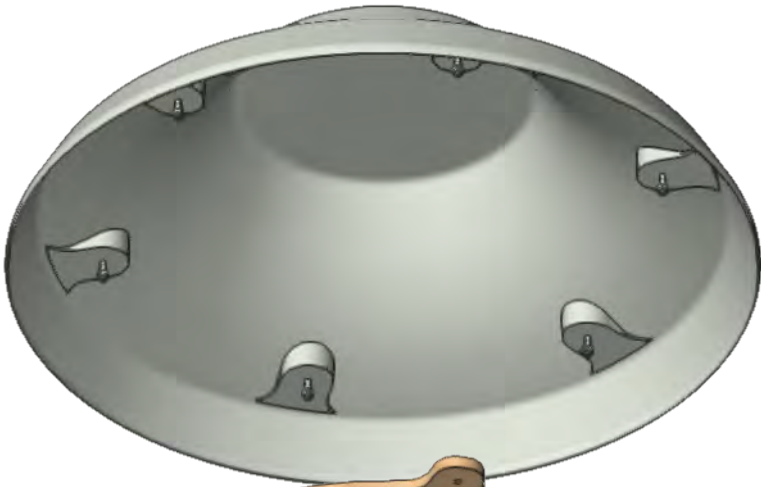
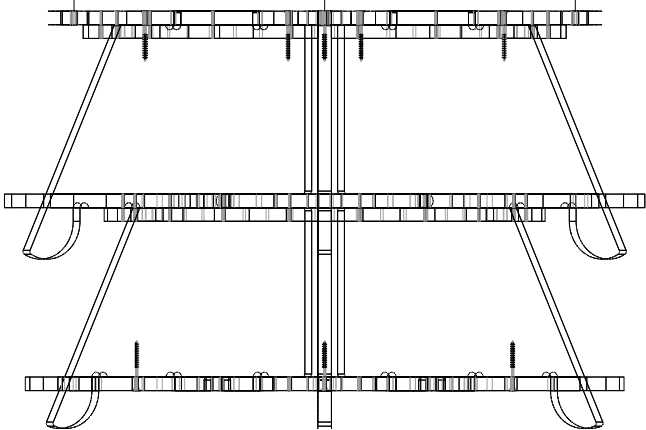
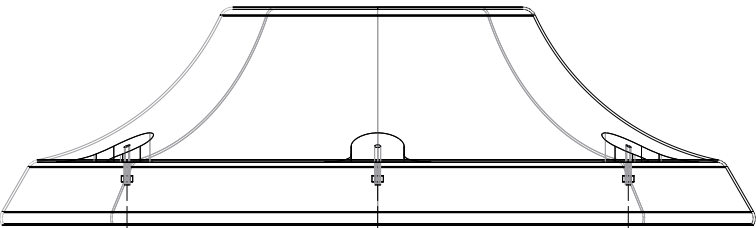
Full instructions will be provided.

Date		14/12/22
Revision Date		
Scale		1:5
Sculpture title		Glantawe Swift Tower
Drawn by		Will Nash
Client		Neath Port Talbot Council
Drawing		Birdbox Exterior Dimensions & Solar Info
Revision		
Page Number		Sketch 3
CAD file		Glantawe Swift Tower.vwx

Superseded

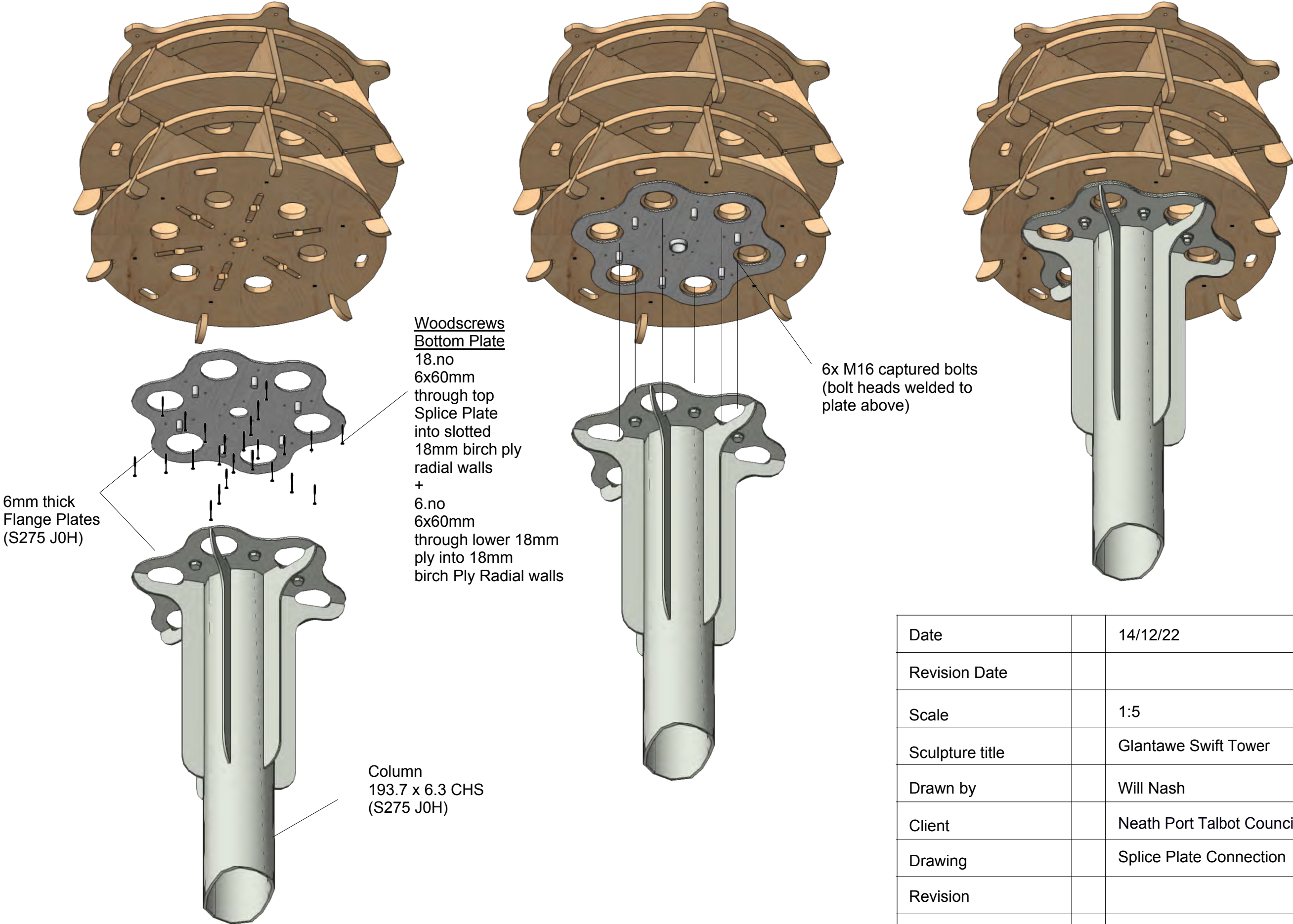


GRP Top Cap
6x GRP brackets
with embedded
M8 Stainless Steel
bolts through 18mm
Birch Ply Top
Cap connector



Date		14/12/22
Revision Date		
Scale		1:5
Sculpture title		Glantawe Swift Tower
Drawn by		Will Nash
Client		Neath Port Talbot Council
Drawing		Top Cap Connection
Revision		
Page Number		Sketch 4
CAD file		Glantawe Swift Tower.vwx

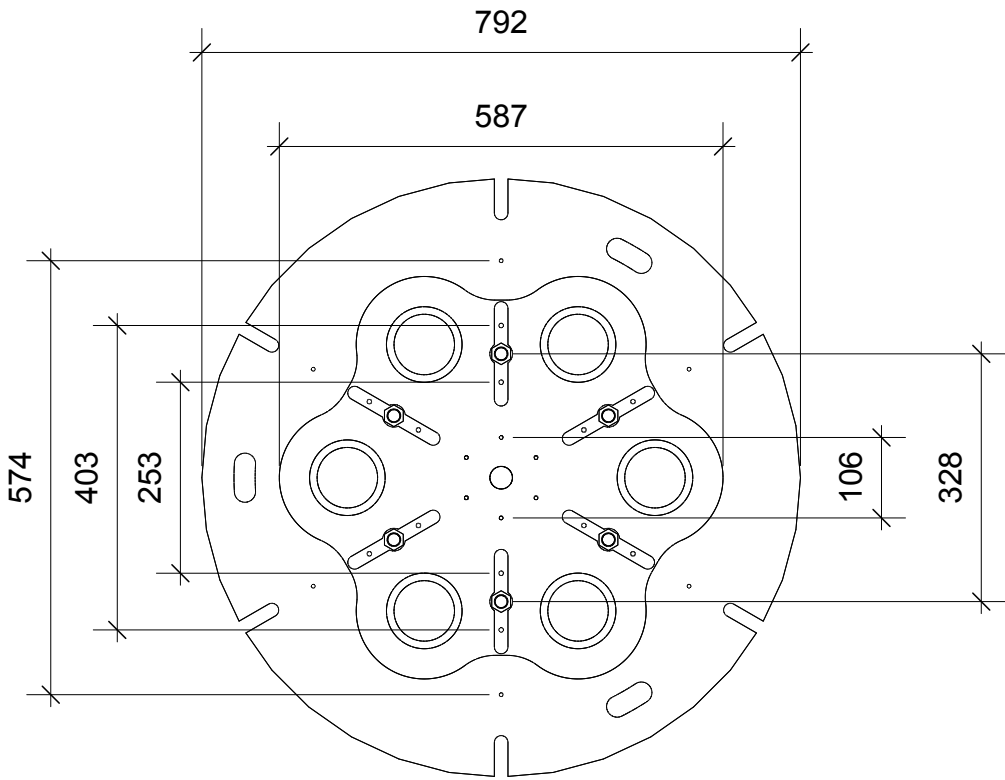
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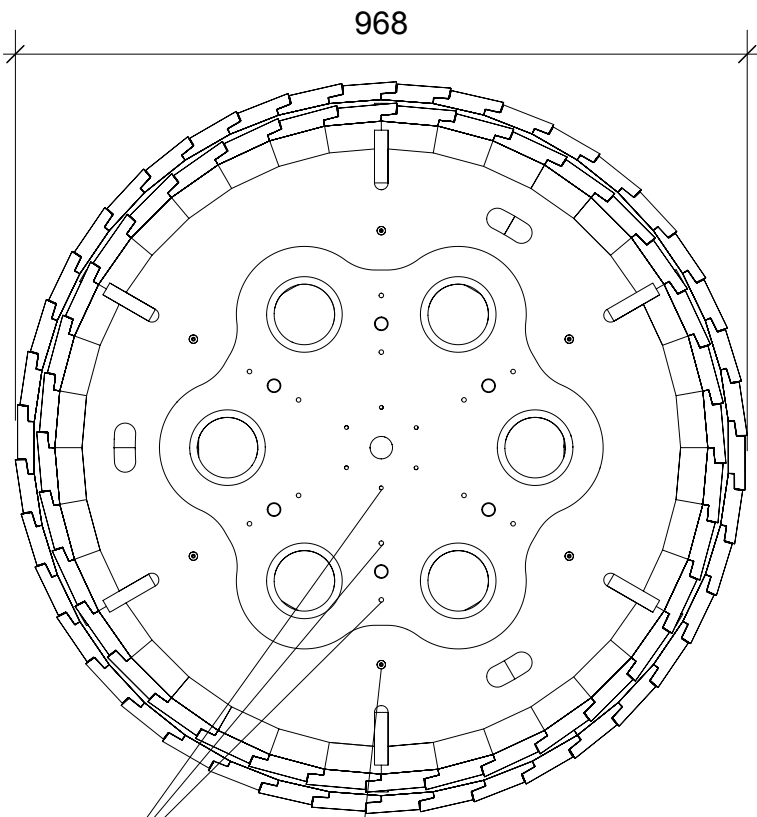
Date		14/12/22
Revision Date		
Scale		1:5
Sculpture title		Glantawe Swift Tower
Drawn by		Will Nash
Client		Neath Port Talbot Council
Drawing		Splice Plate Connection
Revision		
Page Number		Sketch 5
CAD file		Glantawe Swift Tower.vwx

Superseded

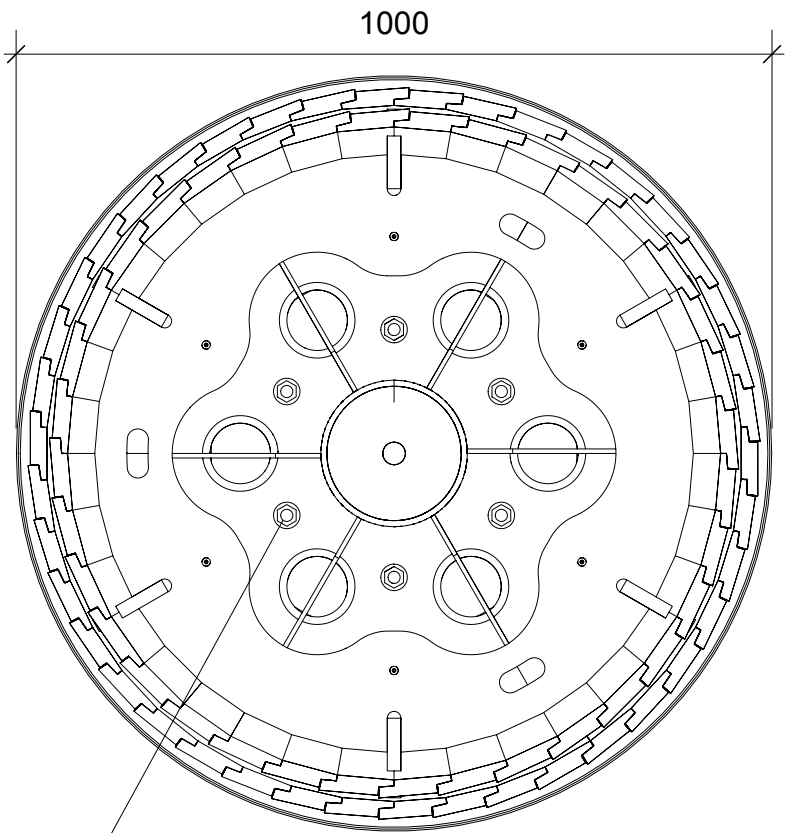
Below view - Top Flange Plate and bottom ply
screw holes and captured bolts



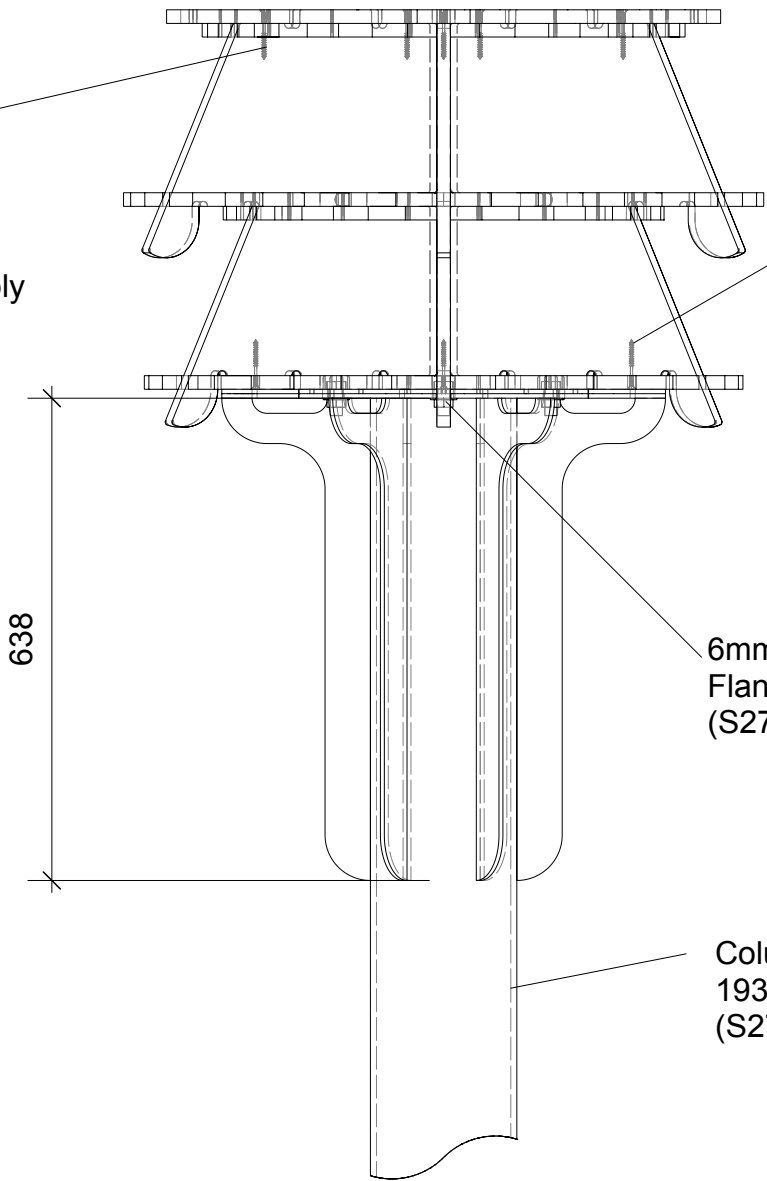
Below view - Top Flange Plate and Ply Bird Box



Below view - Splice Plate assembled and Ply Bird Box



Woodscrews
Top Ply
12.no
6x60mm
through top
18mm ply
into slotted
18mm birch ply
radial walls



Woodscrews
Bottom Plate
18.no
6x60mm
through top
Flange Plate
into slotted
18mm birch ply
radial walls
+
6.no
6x60mm
through lower 18mm
ply into 18mm
birch Ply Radial walls

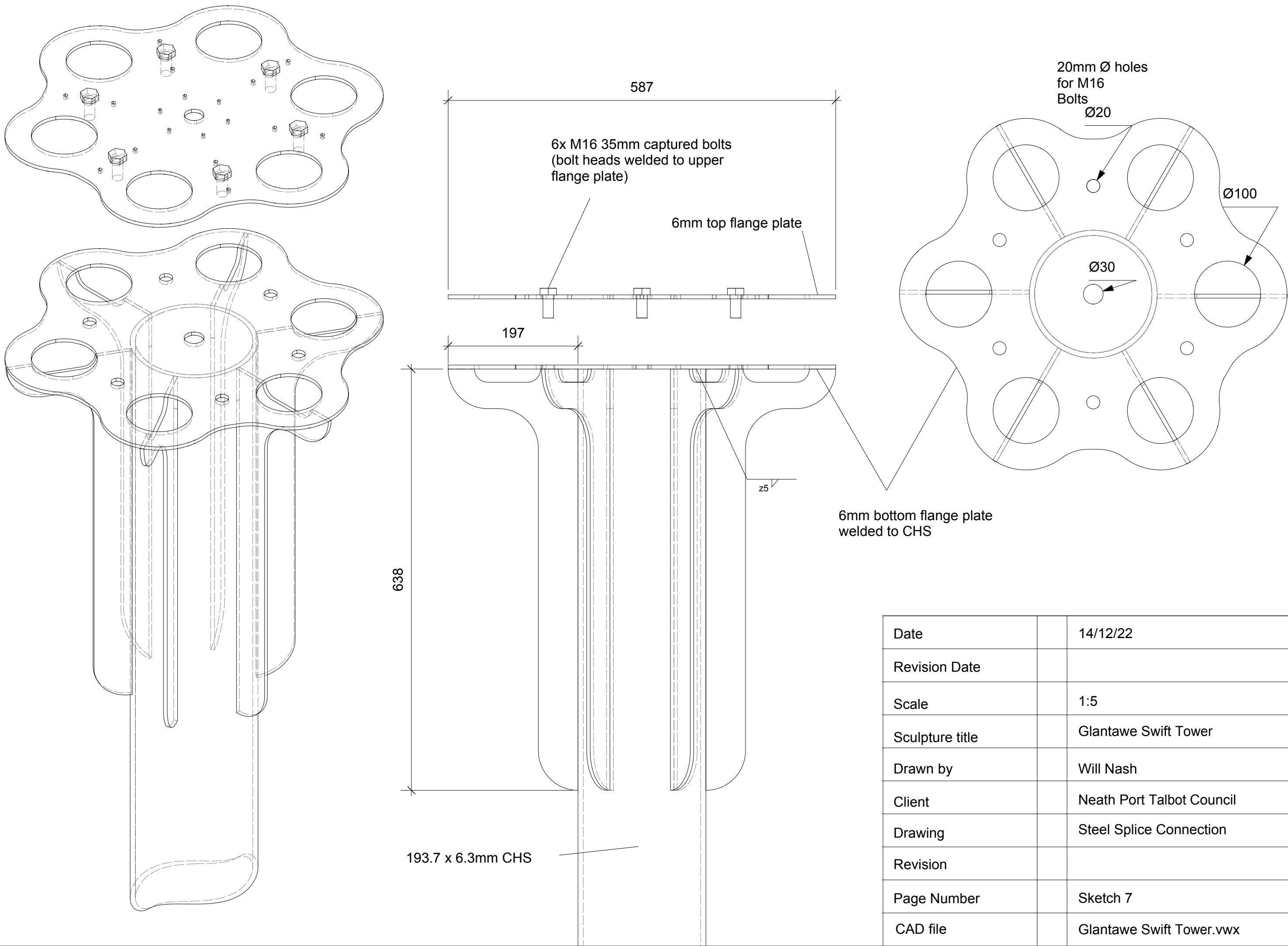
6x M16 captured bolts
(bolt heads welded to upper
flange plate)

6mm thick
Flange Plates
(S275 J0H)

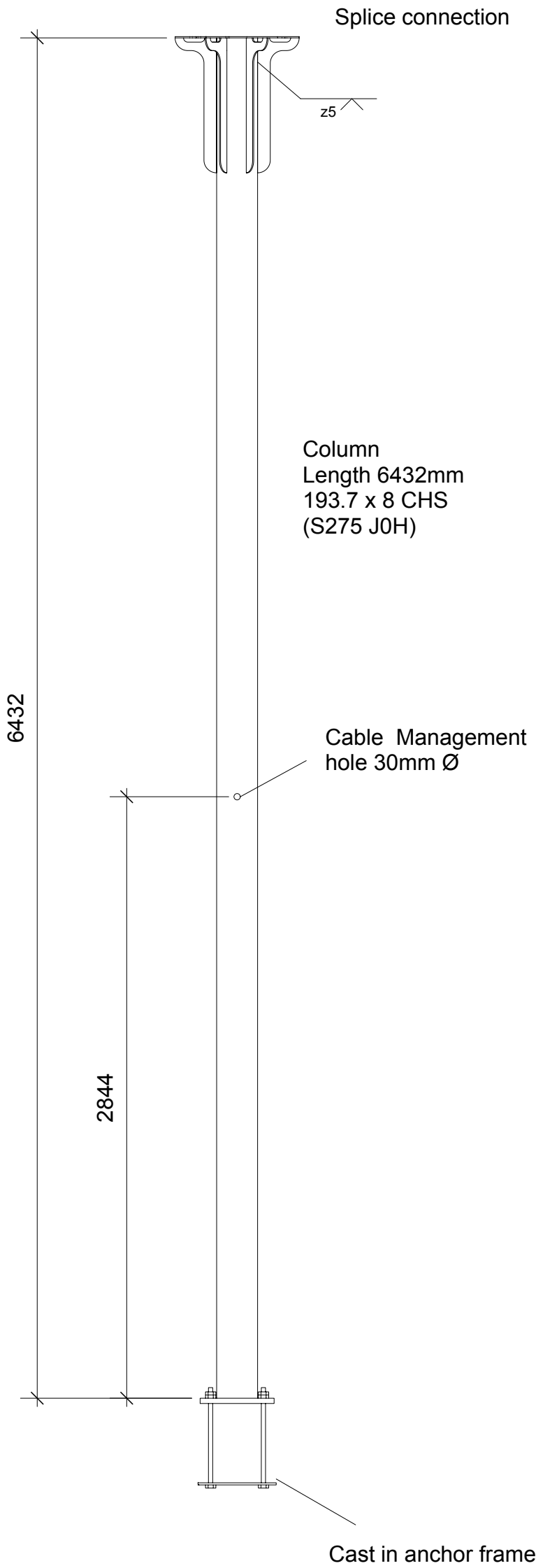
Column
193.7 x 6.3 CHS
(S275 J0H)

Date		14/12/22
Revision Date		
Scale		1:5
Sculpture title		Glantawe Swift Tower
Drawn by		Will Nash
Client		Neath Port Talbot Council
Drawing		Steel to Plywood Connection
Revision		
Page Number		Sketch 6
CAD file		Glantawe Swift Tower.vwx

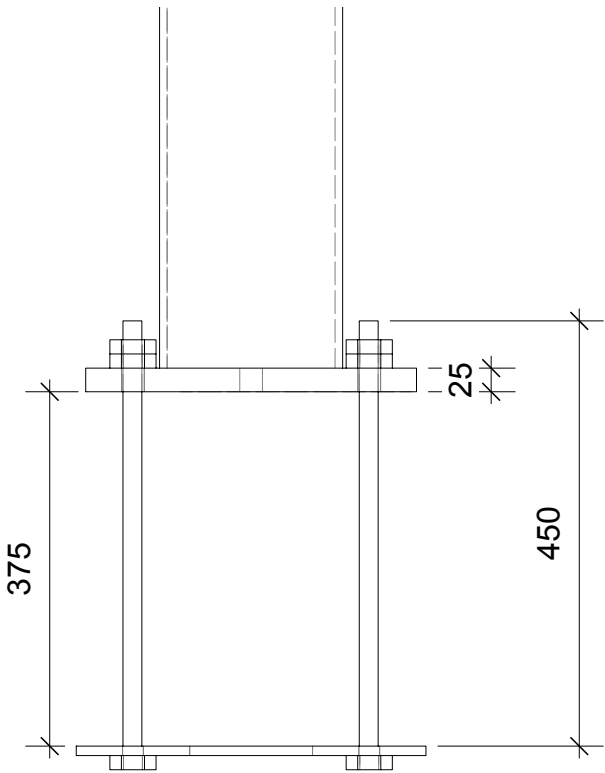
Superseded



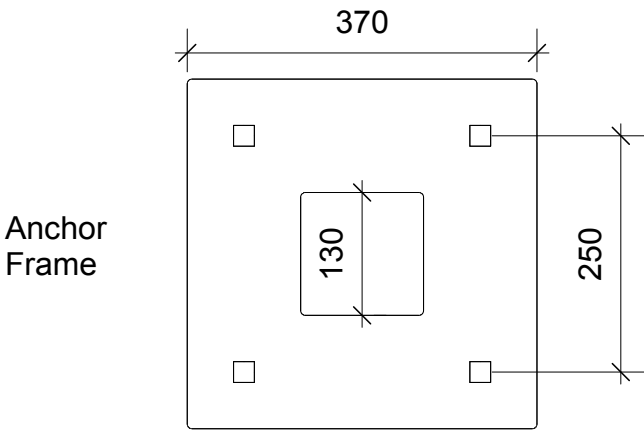
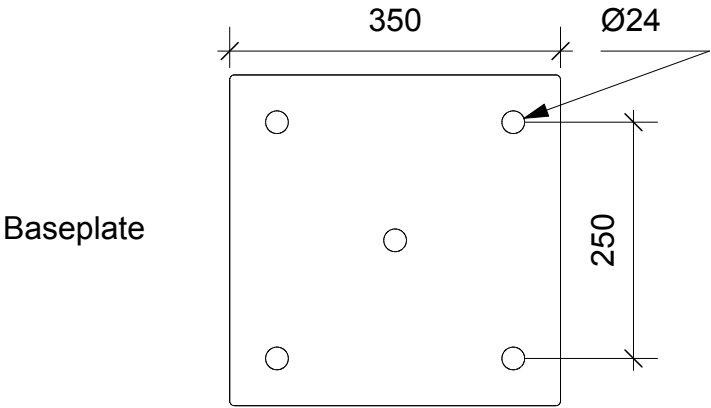
Date		14/12/22
Revision Date		
Scale		1:5
Sculpture title		Glantawe Swift Tower
Drawn by		Will Nash
Client		Neath Port Talbot Council
Drawing		Steel Splice Connection
Revision		
Page Number		Sketch 7
CAD file		Glantawe Swift Tower.vwx



Baseplate and suspended anchorplate



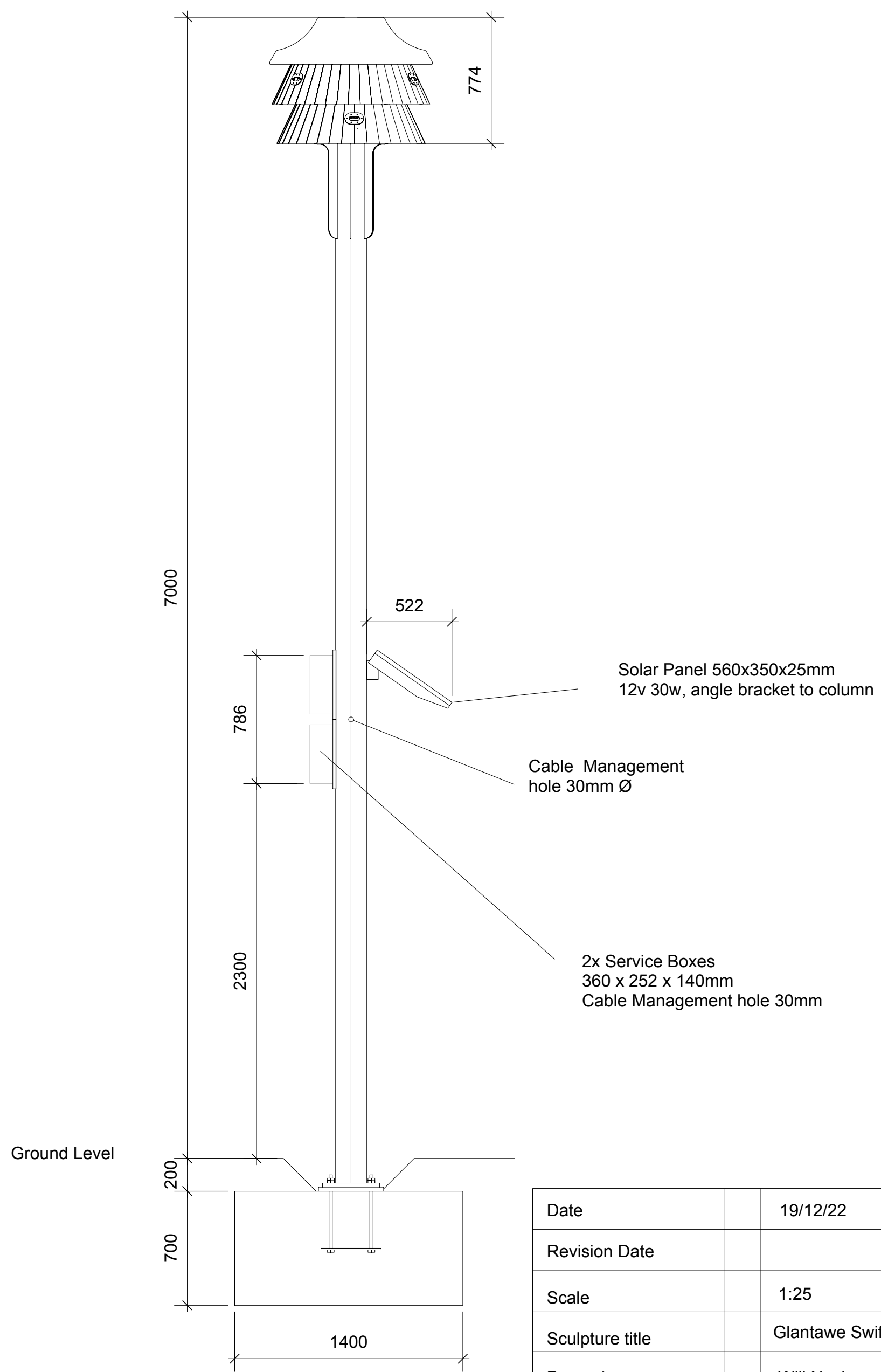
M16 x 450 Holding Down Bolt & Nut
8.8 Galvanised, BS 7419



1:8

Date		14/12/22
Revision Date		
Scale		1:25
Sculpture title		Glantawe Swift Tower
Drawn by		Will Nash
Client		Neath Port Talbot Council
Drawing		Steel Column
Revision		
Page Number		Sketch 8
CAD file		Glantawe Swift Tower.vwx

Superseded



Foundation and baseplate with cast in frame

Date		19/12/22
Revision Date		
Scale		1:25
Sculpture title		Glantawe Swift Tower
Drawn by		Will Nash
Client		Neath Port Talbot Councill
Drawing		Column and Birdbox
Revision	0.0	
Page Number		Sketch 9
CAD file		Glantawe Swift Tower.vwx