

Amendments/Additional Information

- Amended layout of buildings/outside areas
- Additional background information
- Amended design
- Revised access arrangements
- Change of description of proposed development
- Change in site boundaries
- Other (as specified below)

HS

Wendy Strangeway

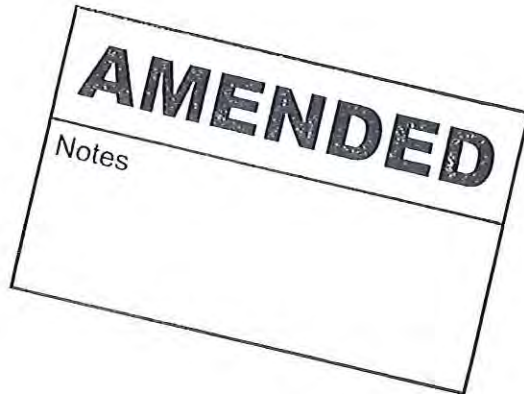
From: Hilary Saunders
Sent: 13 January 2017 09:18
To: Planning
Subject: FW: Post-submission update
Attachments: Tree tent brochure.pdf; Tree Tent V2 - 4 bunk.pdf

H. Saunders

Mrs Hilary Saunders
Planning Team Leader
Development Management

North York Moors National Park Authority
The Old Vicarage
Bondgate
Helmsley
York
YO62 5BP

Tel. no. 01439 772700
Web: www.northyorkmoors.org.uk



From: Roy Edwardson
Sent: 13 January 2017 08:48
To: Hilary Saunders
Subject: FW: Post-submission update

Morning Hilary

Thanks for talking this through.

I call them field mouse pod/tents. If you've seen a field mouse nest, and I feel sure you have, you will know why.

These images might give you a better idea. Suspect, but not sure, that they may rock in the wind a bit. Do not think the Park is over-run with them.....

Best

R
Roy Edwardson

Edwardson Associates Ltd.
Planning and Diversification Consultants
Paddock House
10 Middle Street South



**Driffield
East Yorkshire
YO25 6PT**

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From: AB
Sent: 13 January 2017 08:41
To: Roy Edwardson; Joe O'Sullivan; Gemma Edwardson; Melanie Edwardson
Cc: Dominic Woodward; Admin
Subject: RE: Post-submission update

Hi Roy,

Please see attached 2 brochures with regard to the Tree Tents. This gives a more visual impression of the proposed units.

Kind regards
Antje

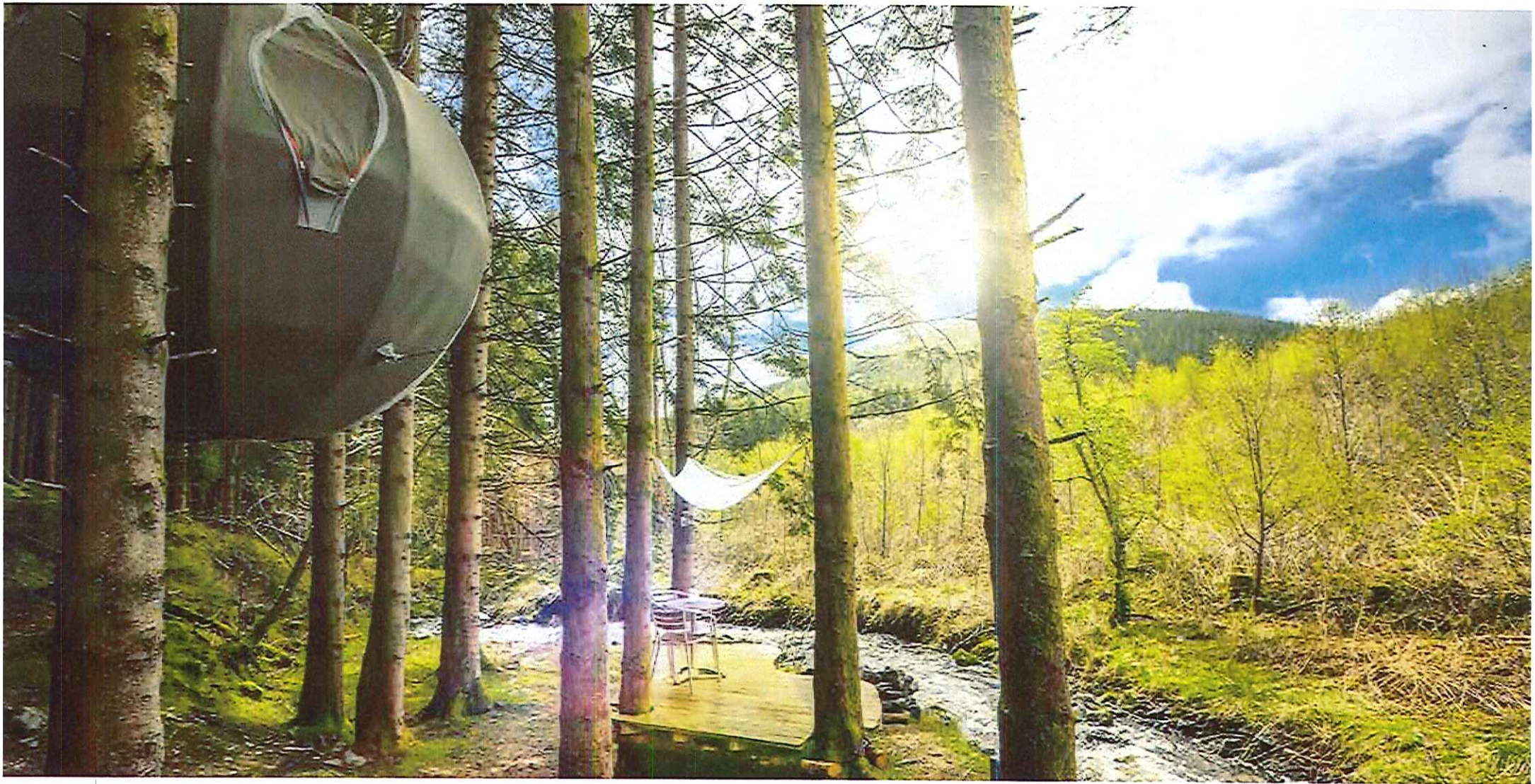
Antje Bräuer, Dipl.Ing.Architekt (Weimar/Germany), RIBA, ARB

**Edwardson Associates Ltd.
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Paddock House
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TREE TENTS
INTERNATIONAL

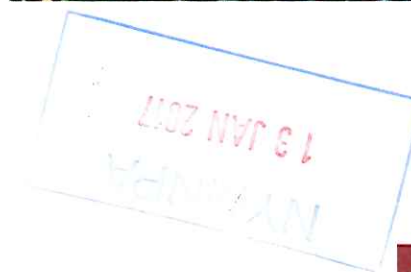
NYMPPA
13 JAN 2017



TREE TENTS

Forests ARE our future... and to sustain this future forests and woodlands need to be used and used more for than just harvesting timber during their lifetimes. Research, conservation, work and retreat are all important activities that can be enjoyed as part of the forests cycle and enable the space to be managed and thrive.

To facilitate this, Tree Tents offer a comfortable and low impact inclusion into the woodland at any time of year. The Tent is akin to an airship in many ways, its dirigible structure blends two very different engineering materials - aluminium and wood; with inspiration and design cues taken heavily from early zeppelin engineering and canvas canoe building





TREE TENT OVERVIEW:

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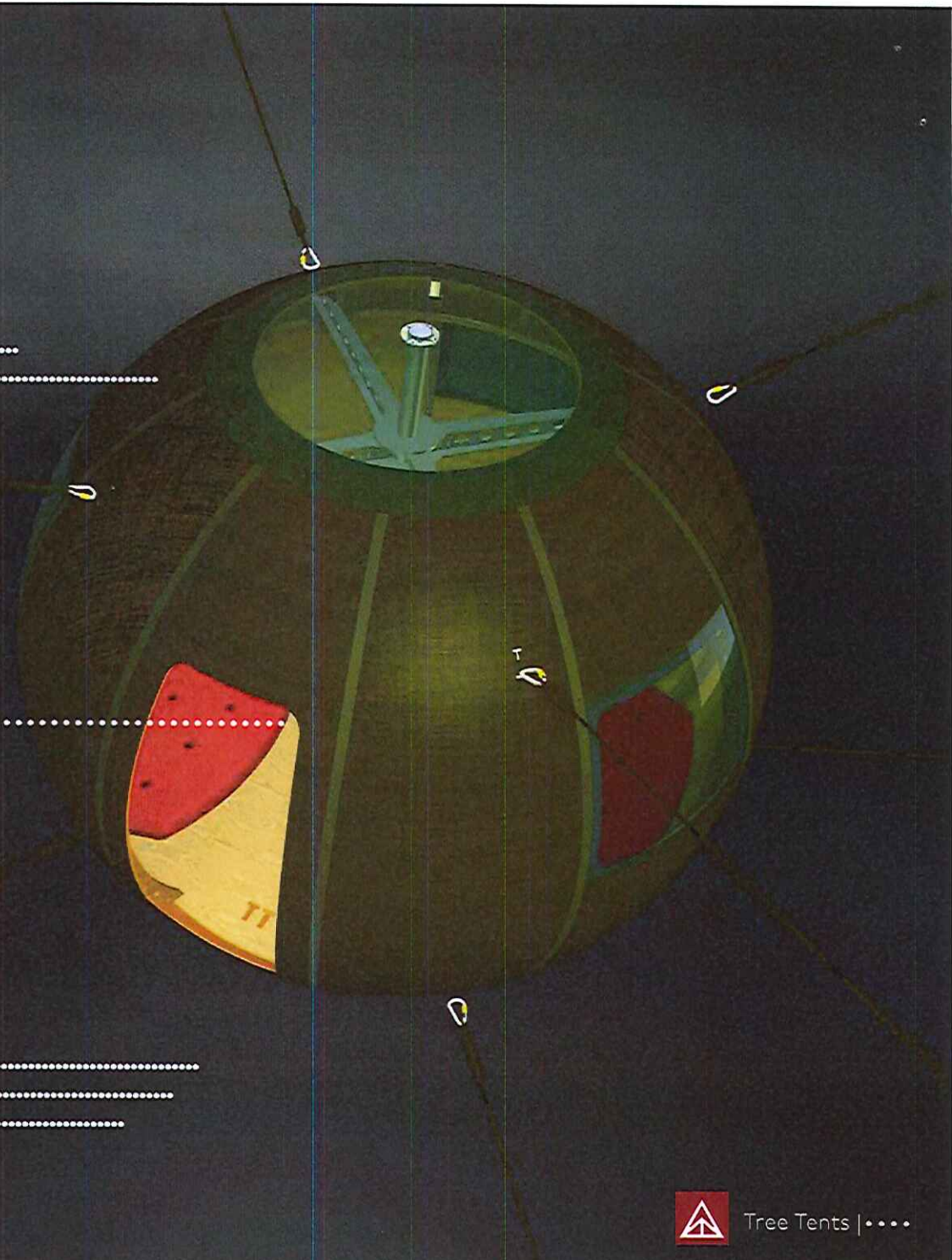
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TREE TENT MAIN FEATURES

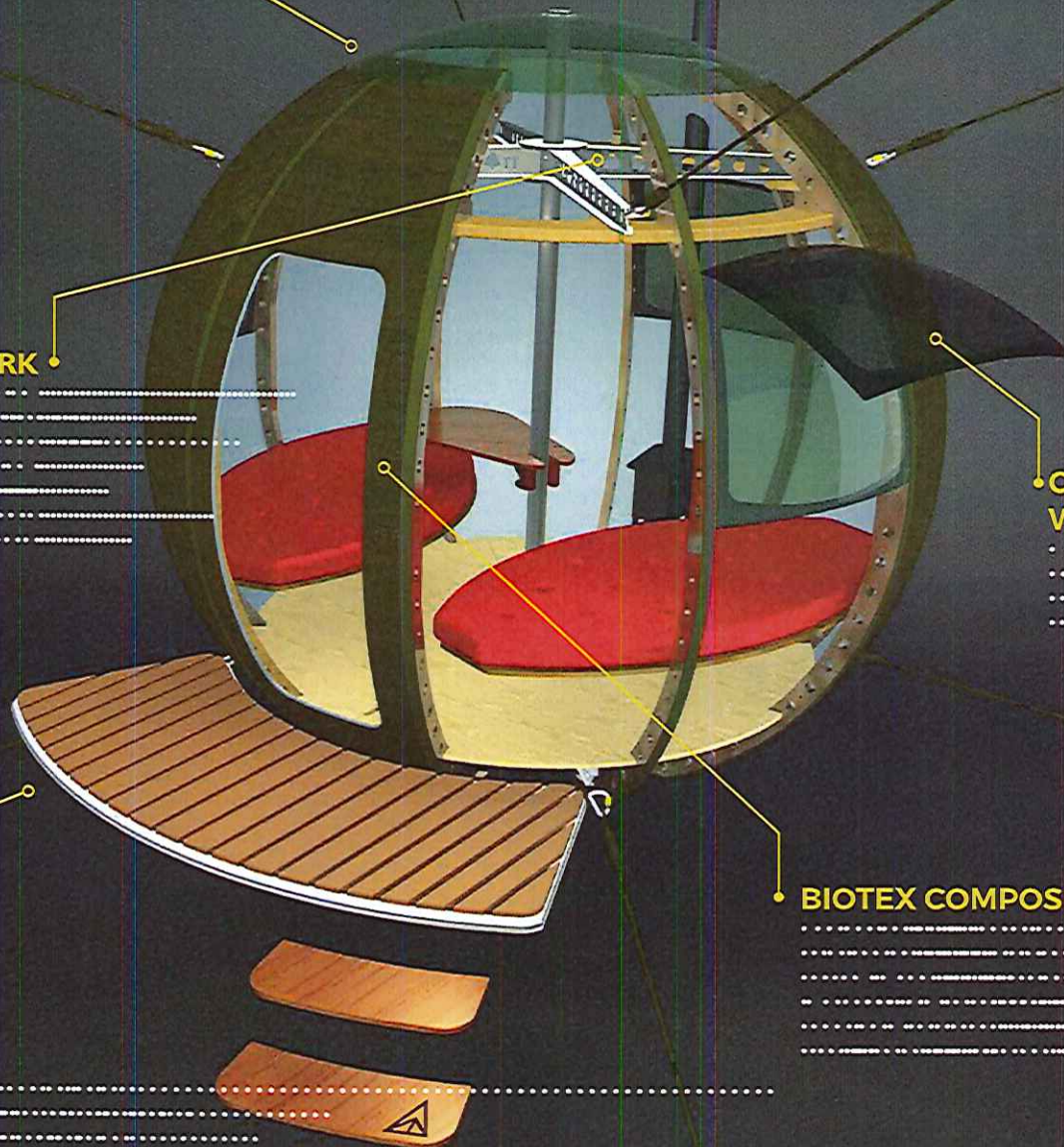
CANOPY SKYLIGHT DOME

THE TREE TENT FRAMEWORK

CONFIGERABLE PERIMETER WINDOWS

BIOTEX COMPOSITE SKIN PANELS

OUTER DECKS





TREE TENT INTERIOR OPTIONS:

MESS UNIT

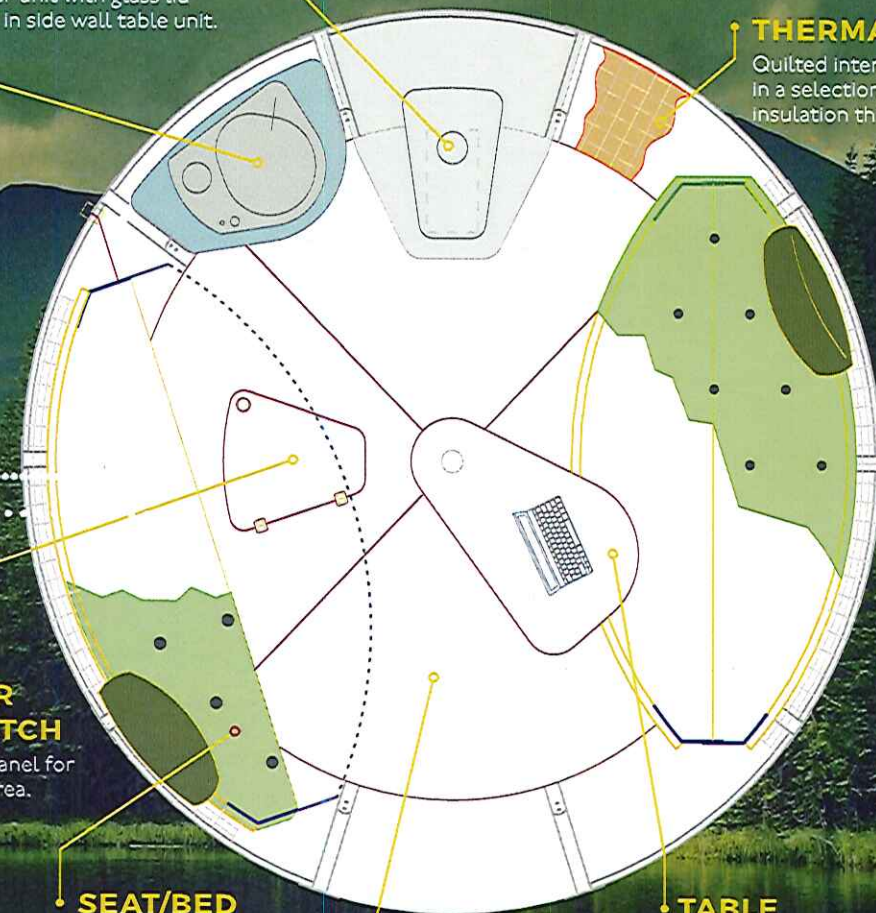
Smev combination sink and single gas burner unit with glass lid mounted in side wall table unit.

WOOD STOVE

Micro wood fired heater and stove with base and wall heat shield and flue system.

THERMAL LINER

Quilted interior lining available in a selection of colours and insulation thicknesses.



UNDERFLOOR STORAGE HATCH

Storage hatch floor panel for underfloor storage area.

SEAT/BED

Lightweight folding seat & bed frame & mattress.

FLOOR MAT

Natural coir floor covering.

TABLE

Centre pole mount swivel table unit.

OTHER ACCESSORIES (NOT SHOWN)

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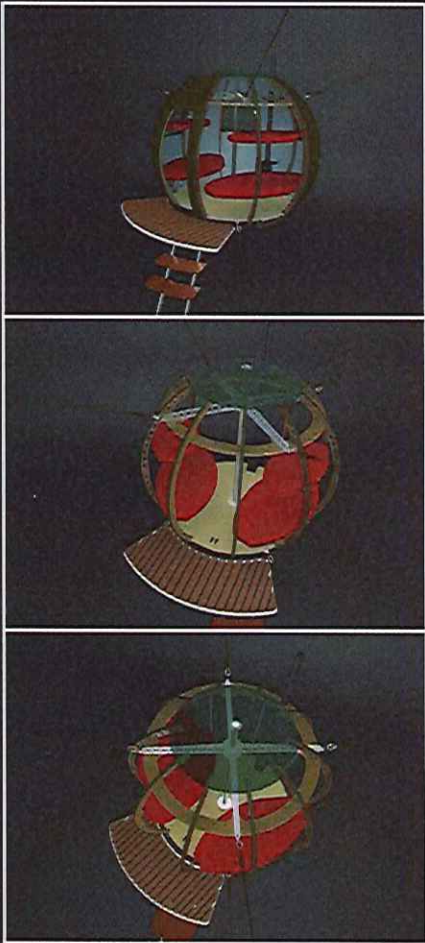
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TREE TENT 4 BED SETUP:

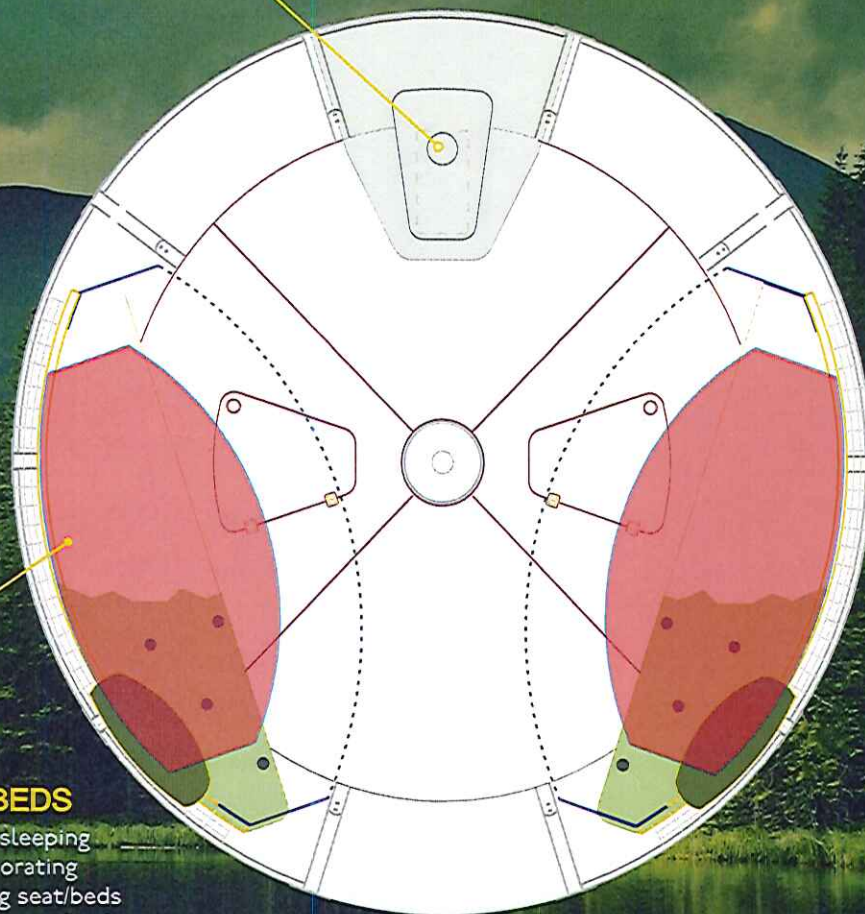




TREE TENT 4 BED SETUP:

WOOD STOVE

For the family setup the fitted wood stove can incorporate a double skin flue and main burner body mesh guard for increased protection.



4 BUNK SEAT/BEDS

4 Bunk lightweight sleeping arrangement incorporating our standard folding seat/beds at lower level and upper bunks for the littler people.





TREE TENT ACCESS OPTIONS:



CONNECT IN A TREETOP WORLD...

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13 JAN 2017



TT 1.00: TT (TREE TENT) | LOW IMPACT SHELTER

LUMINAIR   
CREATIVE ENGINEERING



BIO-FUEL STOVE.
Efficient micro wood/bio fuel stove
For hot water and space heating.



RENEWABLE POWER.
Battery bank under main floor charges from
Site or individual turbines, solar and/or micro hydro generation.



WATER COLLECTION AND STORAGE.
Filtered and stored under the main
Floor area for cooking and washing.



WINTER SKIN
NASA innovation meets sheeps wool! Laminated thermal
reflective membrane, sheeps wool insulation and 100% wool outer.



OVERVIEW:

Forests ARE our future... and to sustain this future forests need to be used for more than just harvesting timber during their lifetimes. Research, conservation, work, retreat and leisure are all important activities that can be enjoyed as part of the forests cycle. To facilitate this time the Tree Tents offer a comfortable and low impact inclusion into the woodland environment at any time of year.

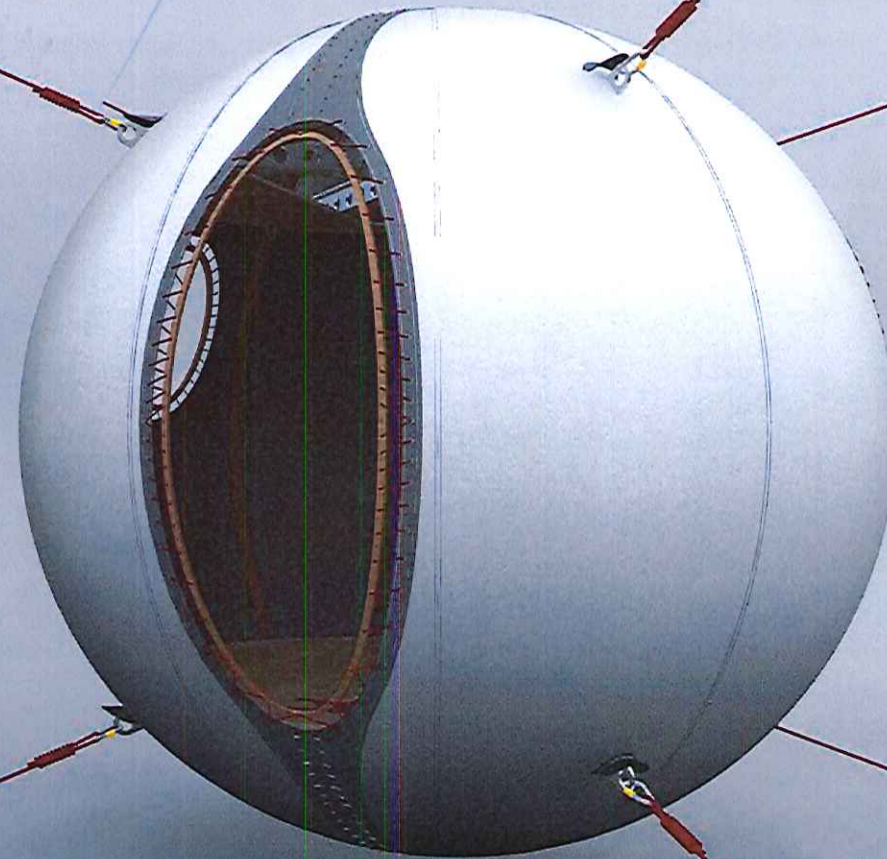
The Tree Tent concept is a culmination of over 3 years of work and research (and decades of experience) in sustainable shelter systems, fabric structures and tree top living. We wanted to develop a lightweight and efficient structure using sustainable, recyclable, recycled and natural materials. A structure that can be easily transported and assembled on-site with minimal, non-permanent impact on its environment, this makes them ideal for remote location and semi-permanent camps. Being off the ground is also a prescient in some situations too.

What we realised was a unique, lightweight hybrid aluminium and green ash static airframe combined with an expertly tailored 16oz / 455gsm rot and waterproofed 100% cotton canvas by the Lindstrand Hot Air Balloon factory, famed for their earth and space bound Technical fabric structures, airships and balloon projects.

Ash frames are expertly hand crafted using locally sourced timber chosen for its good growth structure, this ensures all wooden members work together to produce a frame that will last a lifetime.

The integrated aluminium sub-frame allows for a strong efficient structure and one that compliments the surrounding ash frame both aesthetically and structurally, with design cues taken from early dridgible engineering of the late 20's.

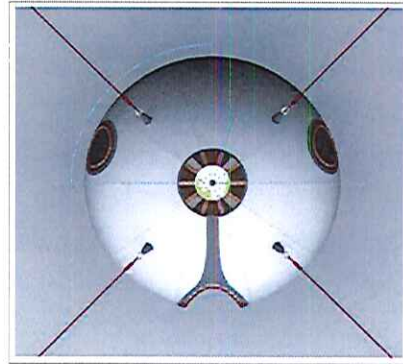
The spherical structure is 3m in diameter, sizable enough to comfortably accommodate two adults. 100% wool, winter thermal liners allow for all year round accommodation while wood stove, water and electric options offer the extra creature comforts.



Ok, so why a sphere?

Quite simply, symmetry... oh, and it looks great too.

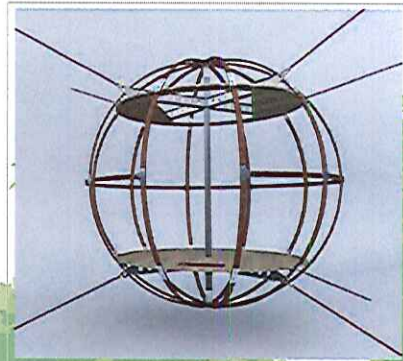
Symmetry means even load distribution through the wooden laths, repeatability of parts, adaptability in rigging, good rain falloff, and most of all, no straight lines which we feel helps them blend into and balance with their environment.



Steam bent green ash.

Not only a frame for the canvas skin the ash frame also goes some way to stabilising the overall structure. The amazing strength produced from the curved ash laths spread the loading throughout the structure and also take shock from occupant movement.

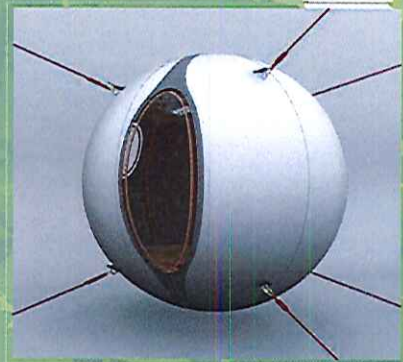
Each hand made frame is steam bent from the same tree which is picked for its evenness of growth through good soil conditions and even environmental exposure. This ensures each bent member behaves in exactly the same way and return to their exact same shape following loading.



100% cotton canvas.

One of the major degrading factors to outdoor structural fabrics is ultra-violet radiation from the sun. Ok, we get a bit of shelter in the woods but not enough all year round. Blended synthetic and natural canvases are indeed popular but the benzene molecules in these petroleum based fabrics are more susceptible to UV than natural cotton fibres.

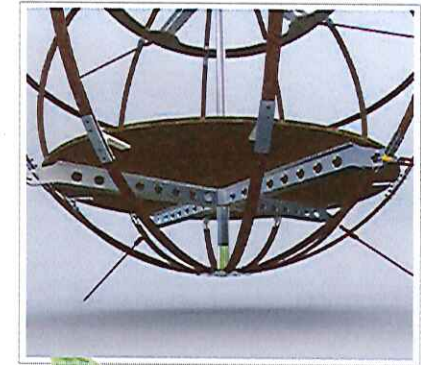
To this end we use a heavy and tight, dense weave 16oz/455gsm, 100% cotton canvas proofed for mold, mildew and fungal attack and water repellence. Available in natural, red or olive green.



Aluminium sub-frame.

Aluminium is an amazing material - ok there may be a fair bit of energy used in its production but if used correctly it can replace heavier materials, does not corrode, is 100% recyclable and by a large part already recycled drastically cutting down that energy consumption.

More over, the aluminium sub-frame allows for a strong and efficient structure and one that complements the surrounding ash frame both aesthetically and structurally and keeps material consumption to a minimum.



Interior kit.

Furniture: 1/4 sphere side bench - expands out to single bed - max 2.

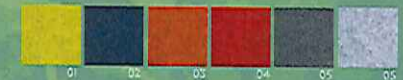
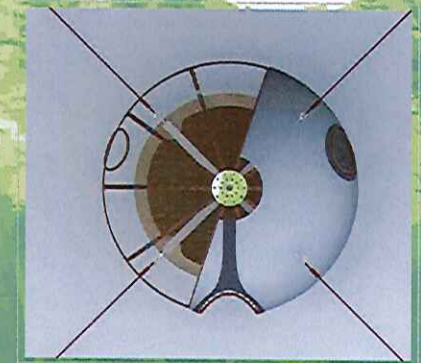
Thermal liner: 100% wool thermal winter liner - breathable sheeps wool insulation with 100% wool fabric liner. Colours below.

Wood stove: Micro woodstove for heating and cooking. Optional flue mounted water heater.

Water: Underfloor mounted water storage tank and pump.

Electric: Underfloor mounted deep cycle, sealed battery power pack and flexible solar charger.

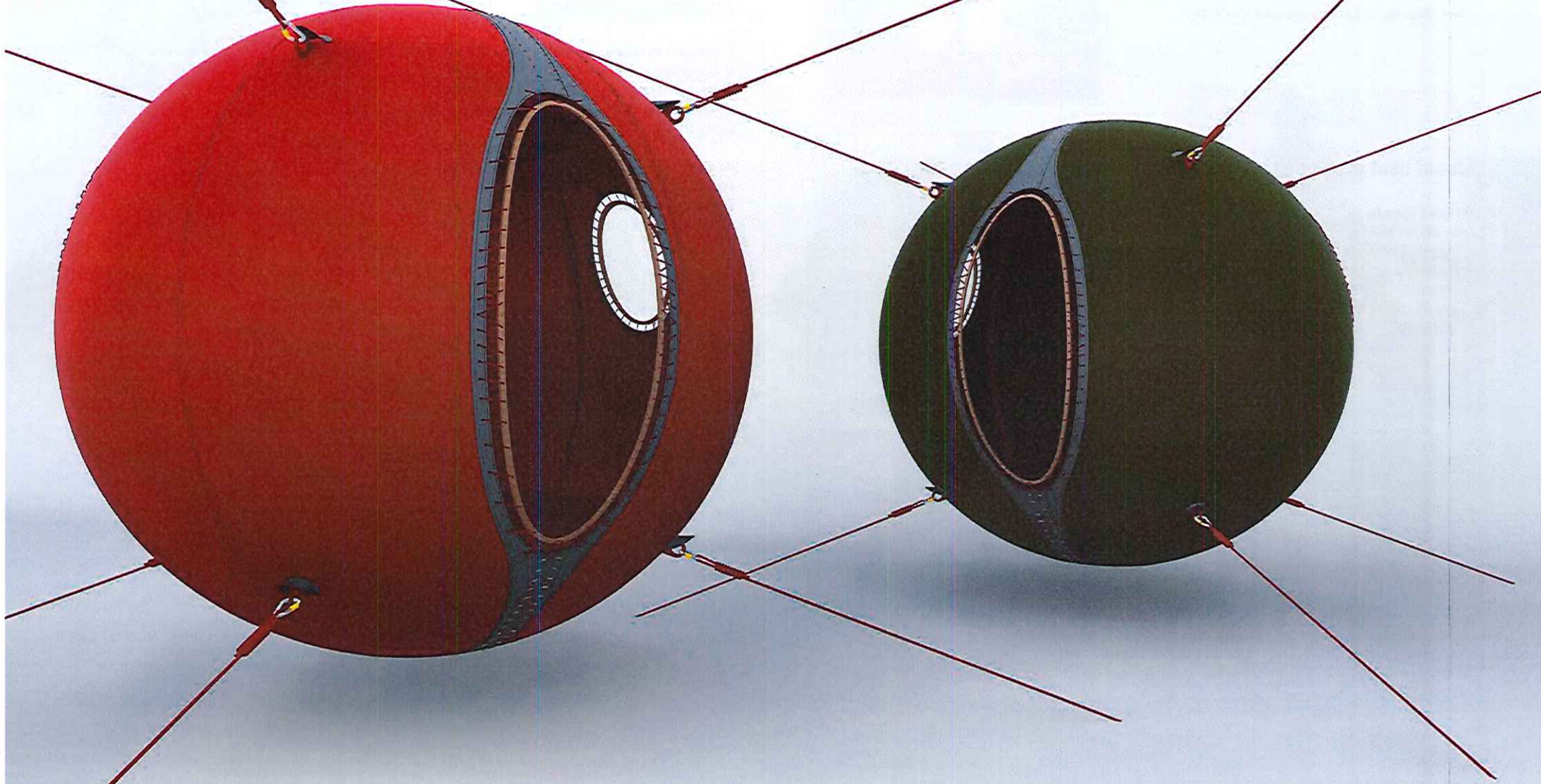
Tree Tent rolls / blankets: Organic cotton/wool/coconut fibre, TT branded bed rolls and wool blankets. Colours below.



TT : TREE | TENT

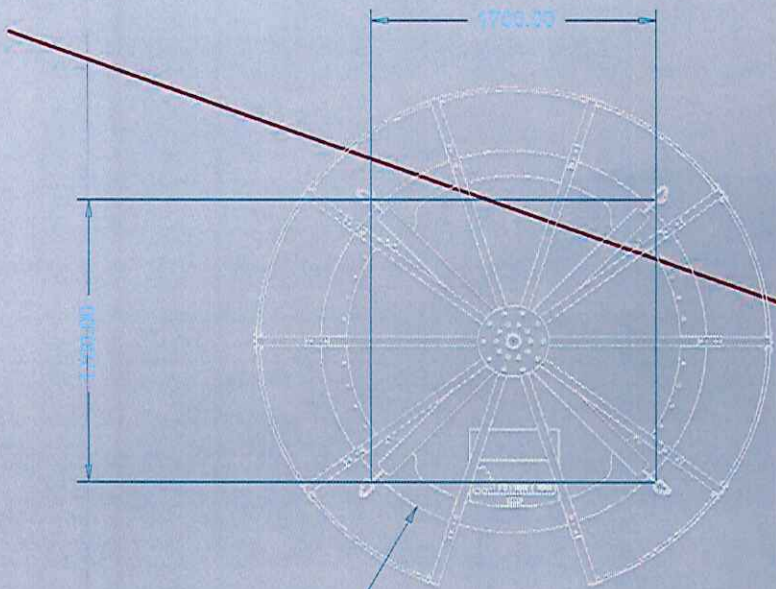
LOW IMPACT SHELTER

- * NATURAL
- * OLIVE
- * RED

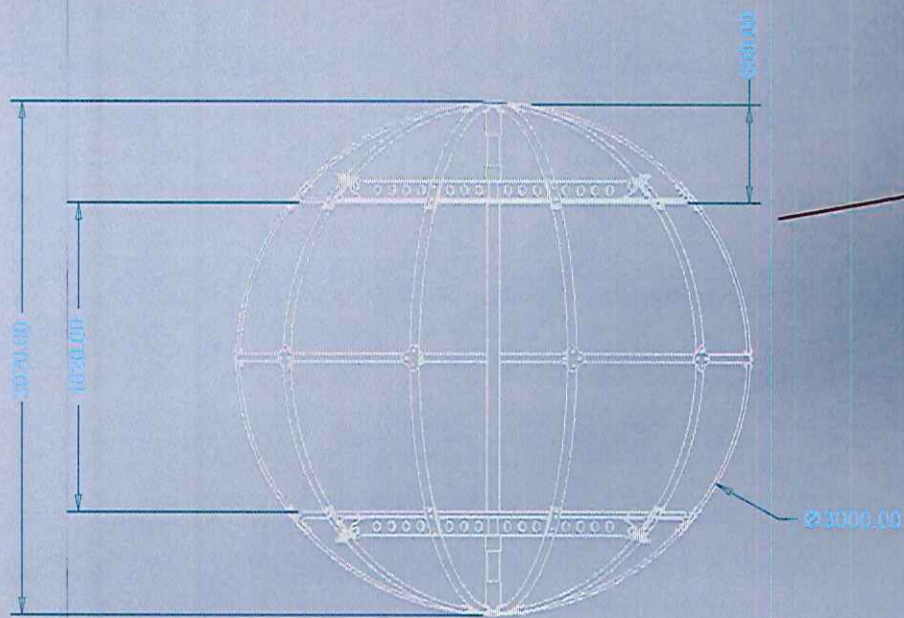


TT 1.03: TT (TREE TENT) | LOW IMPACT SHELTER

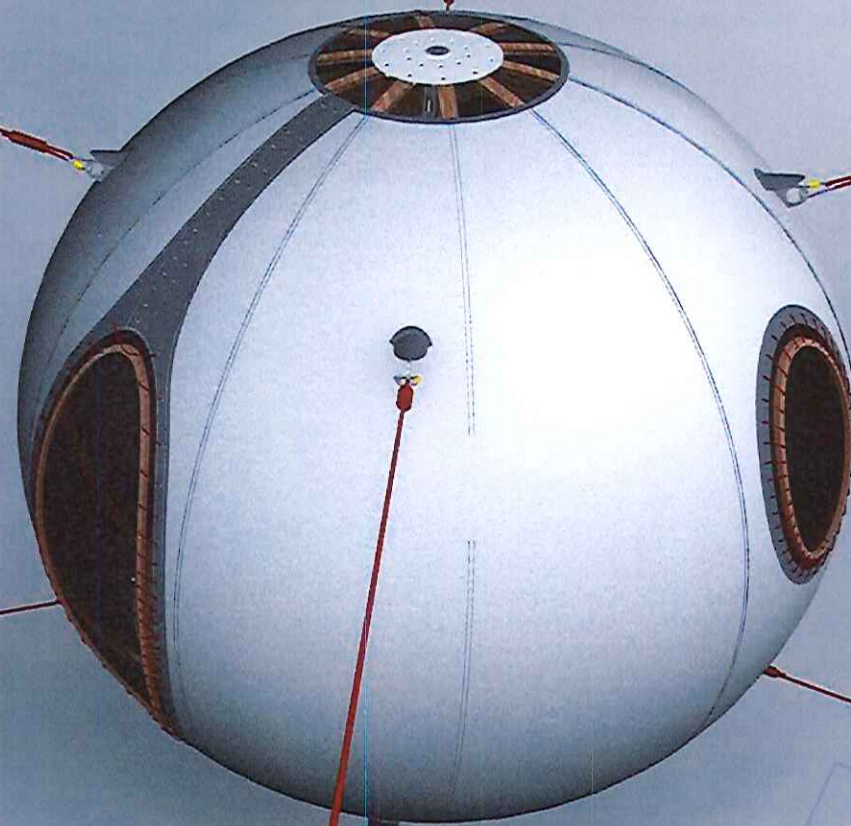
LUMINAIR   



Ø 1250.00
FLOOR DIAMETER



Ø 3000.00





Tree Tents c/o Luminair Ltd.
148 Hartington Road,
Brighton,
East Sussex,
BN2 3PB.



web : www.treetents.co.uk

