



Notes:

Drawn 1:1 (printed will not be to scale).

Finished base poured from C35 concrete.

Dimensions are in metres - unless stated otherwise.

Tolerance of base edges at floor level is +/-20mm.

Tolerance of base level is +/-15mm.

Foundation depth to be specified by clients base contractor based on local ground conditions and the following data.

Base depth and construction to be designed so that no changes in level or position will occur due to loading or over time.

Dome structure weight is 8,000kg spread equally around the base. This equates to 170kg per meter of circumference.

Potential snow load is approximately 40,000kg. This equates to a further 851kg per meter of circumference.

Maximum lateral wind load at any nodal fixing point is 1.61kN. There is a nodal fixing point approximately every 1.5m.

We suggest a water drainage channel around the base edge. Total rainfall area 177m2. Rainfall area per 1m of channel 3.75m2