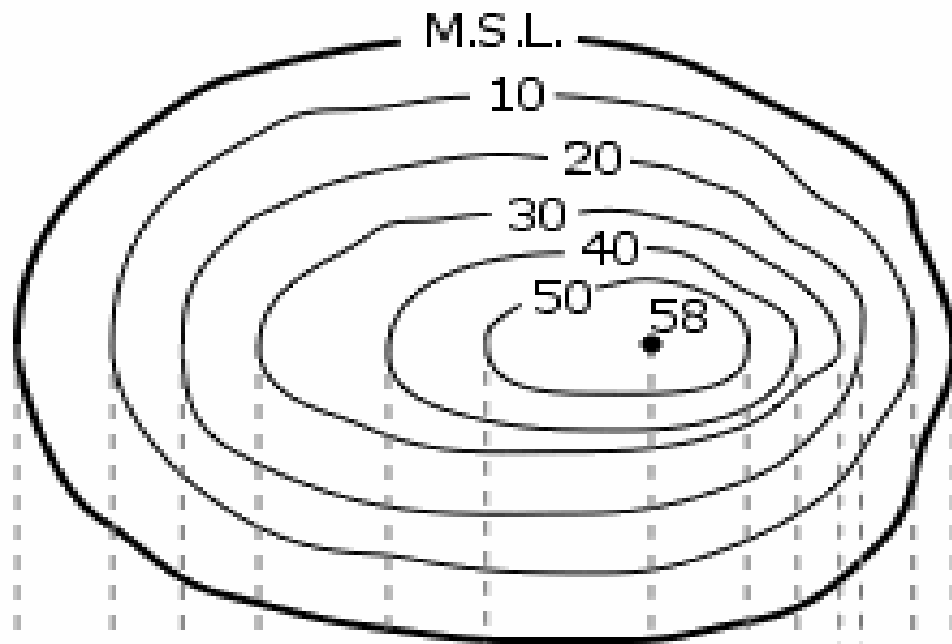


Designing with Maintenance In Mind

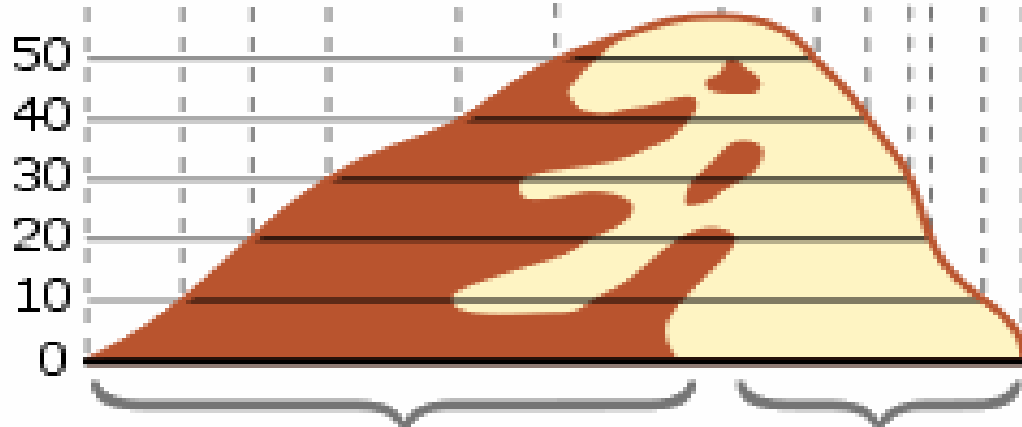


**APSE Fleet, Waste & Grounds
Seminar 2017
Session 5**





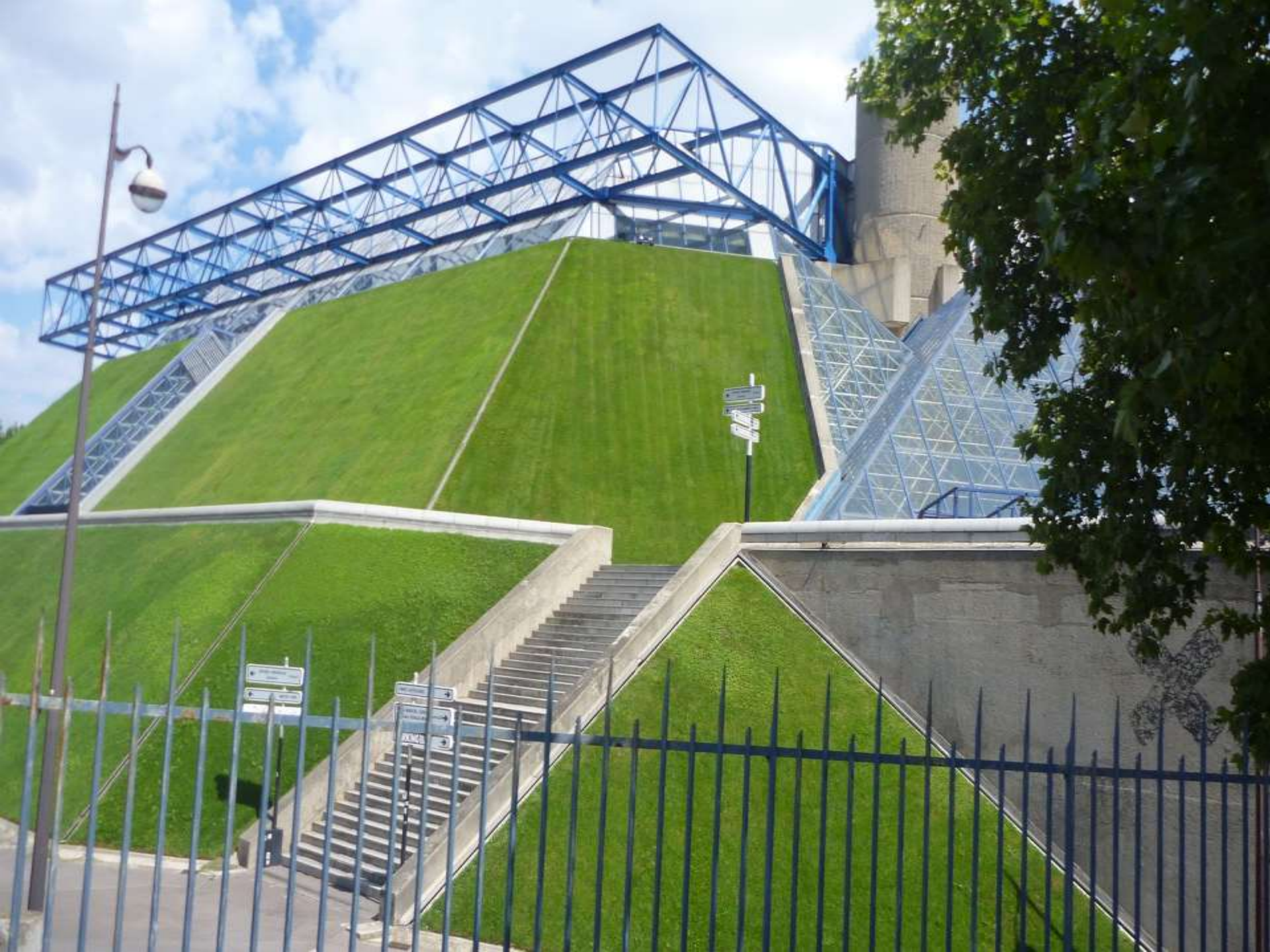
Spot elevations are heights between contour lines, and are shown on map as dots with a value beside them.



Mean Sea Level (M.S.L.)

When far apart, contour lines indicate a gentle slope.

When close together, contour lines indicate a steep slope.





Assembly Point









Apply a H&S Hierarchy

Eliminate

Training and
Awareness

Reduce

Design out
costly
maintenance

Prevent

Hard landscape
and material
selection

Introduce

Operative
Consultation

Provide

Sustainability

Elements of Design

- Size
- Strength
- Looks
- Cost
- Functionality
- Safety
- ~~Long term maintenance costs!!!~~
- ~~Fit for purpose in future~~

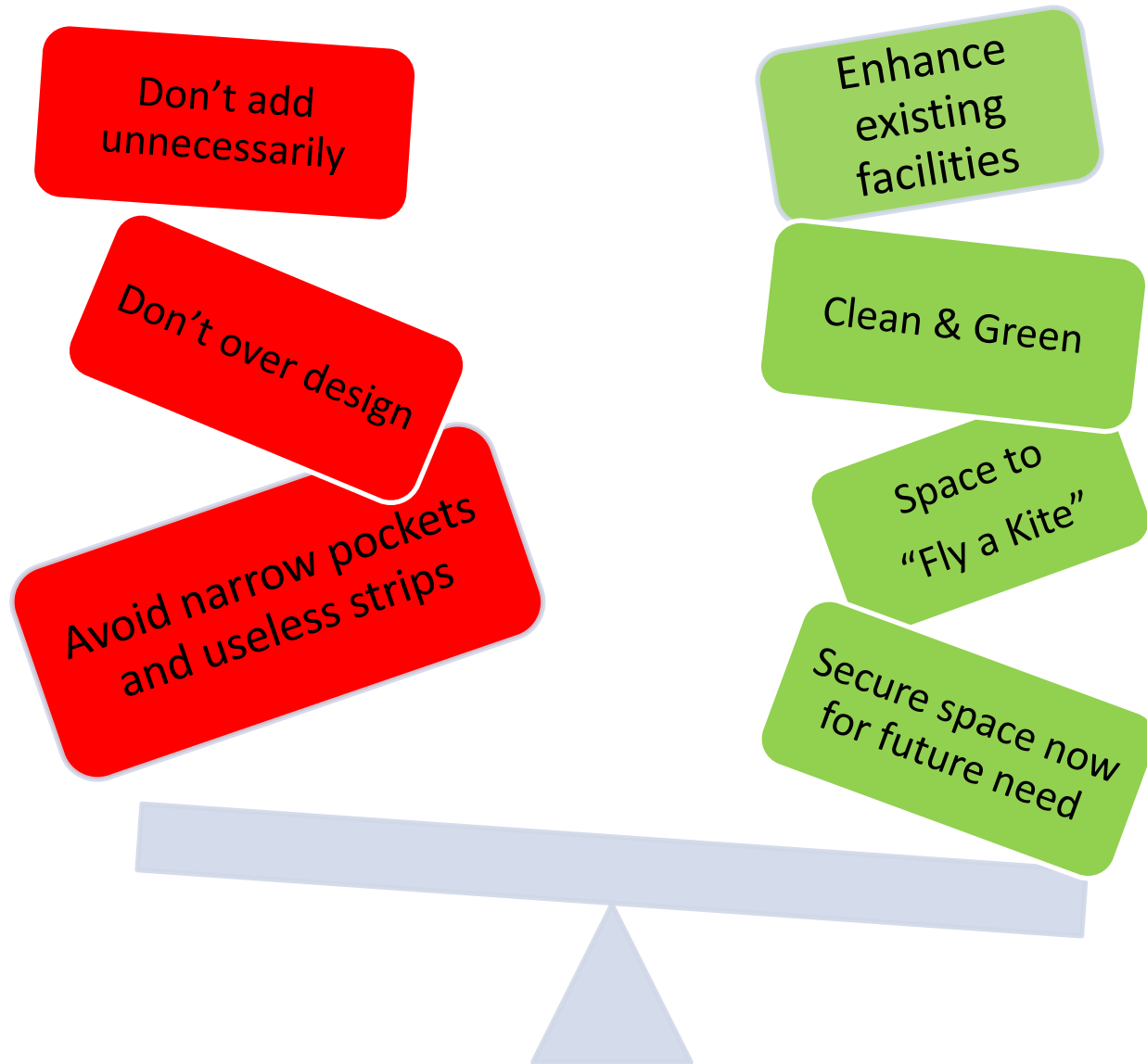






DEEP CREEK
WOOL MUSEUM

The ELC Local Development Plan Ethos







Bad Design can be painful!





Grumpy - Yes
Smelly - In
your view
but I've got a
very low
Carbon
Footprint

Bad Design....



- Creates Hazard and Risk
- Generates short-term savings but long-term costs
- is hard to maintain which will lead to an uncared for appearance
- Discourages ownership of the site by operatives

So lets.....