

LSAA 2016 “Mini-Workshop” Introduction

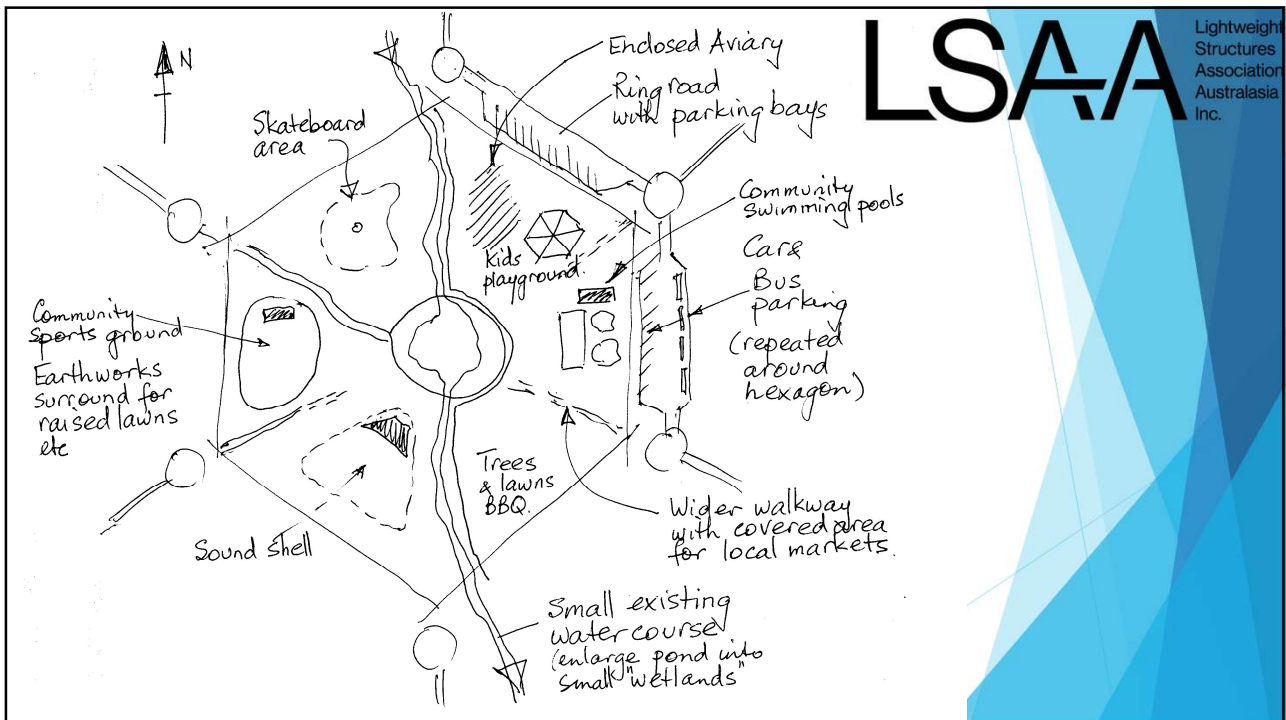
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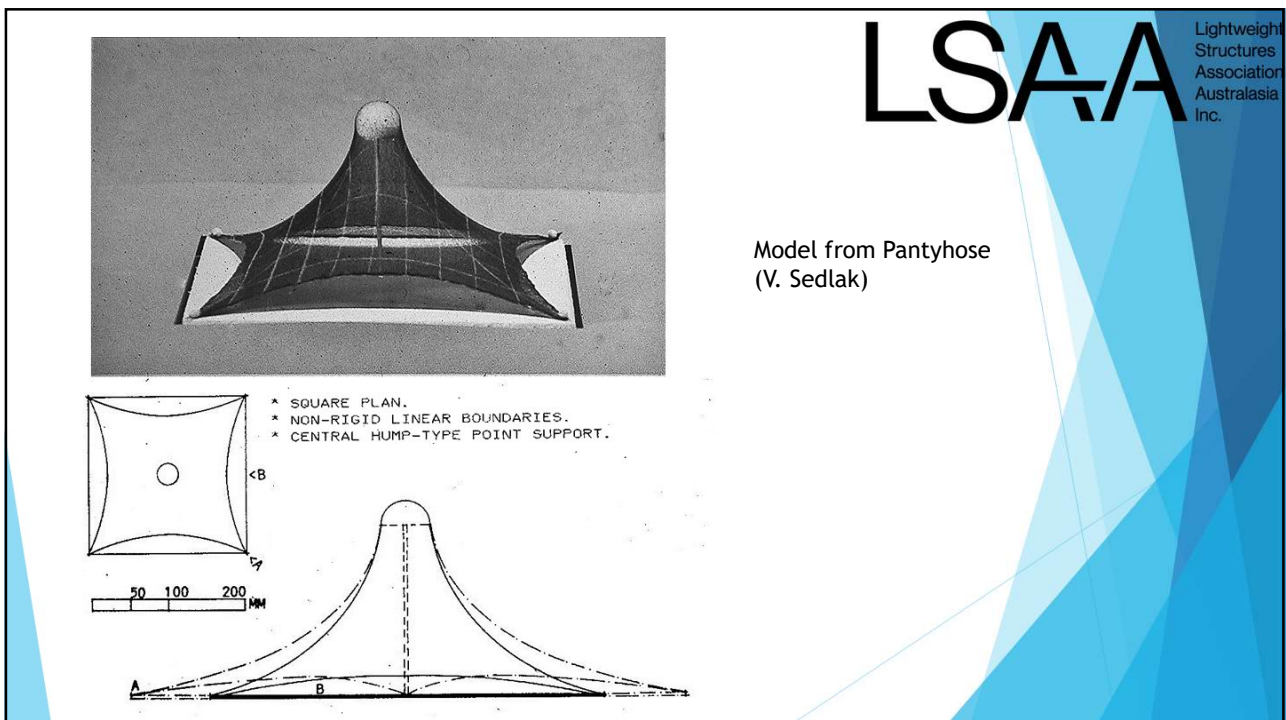
Key Points

- Working in Groups - Best outcomes usually the result of collaboration
- Varied skill sets of the group members
- Assigned a conceptual problem - this is only a first stage
- Your Client:
 - Needs to be convinced of the direction of the concepts
 - would “grasp” the concept quicker with a scaled model
 - Would be the department to fund the project - and your group
 - Is concerned with some aspects - vandalism (access) and effective shade
- Time Challenged !!!
 - Group organization - “speed dating”
 - Pencil sketches - narrow down the forms suitable, physical constraints, clearances, spans
 - Some resources at LSAA.org → 2016 Conf → Workshop Resources
 - Outcome is a physical model with an A4 sheet of “dot points” for features of your designs.

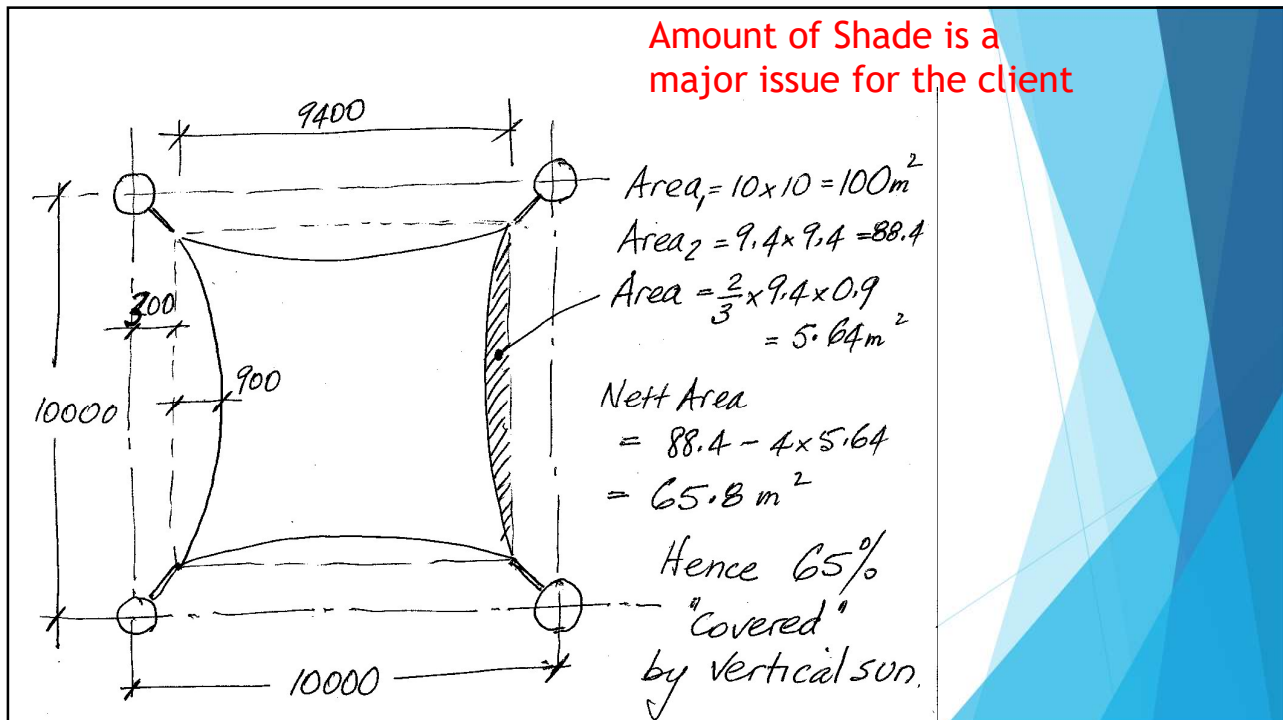
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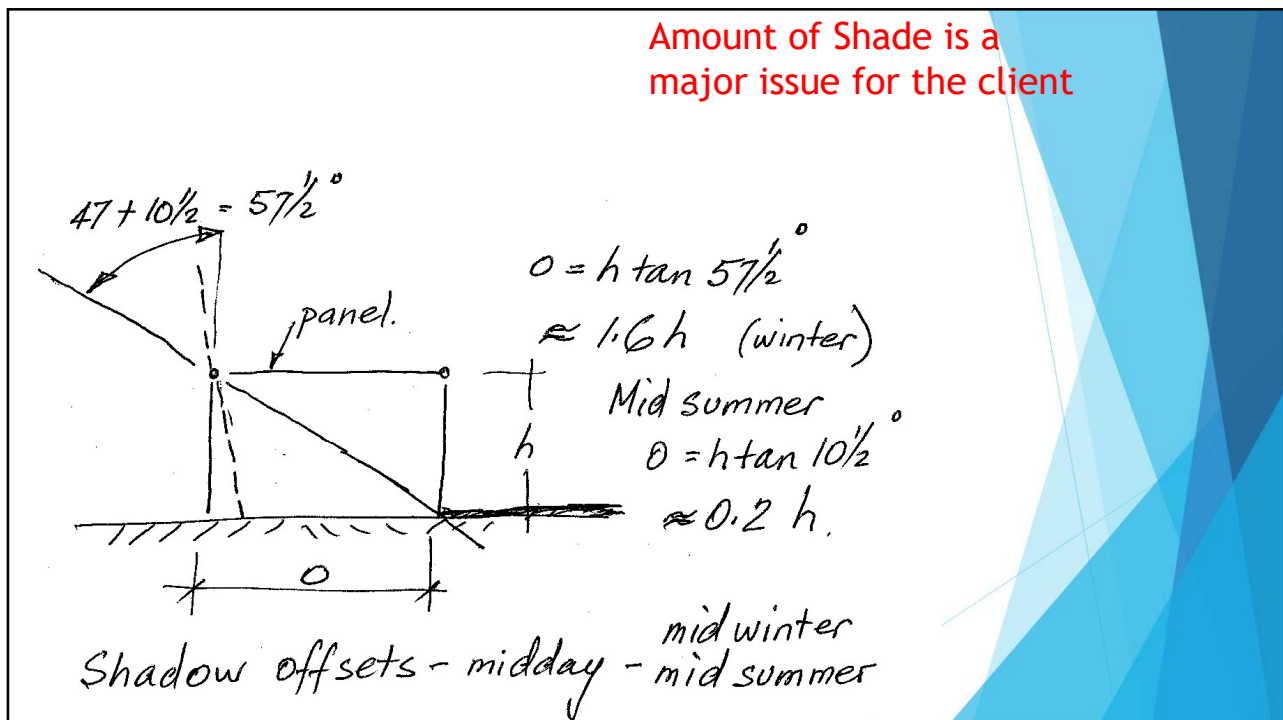
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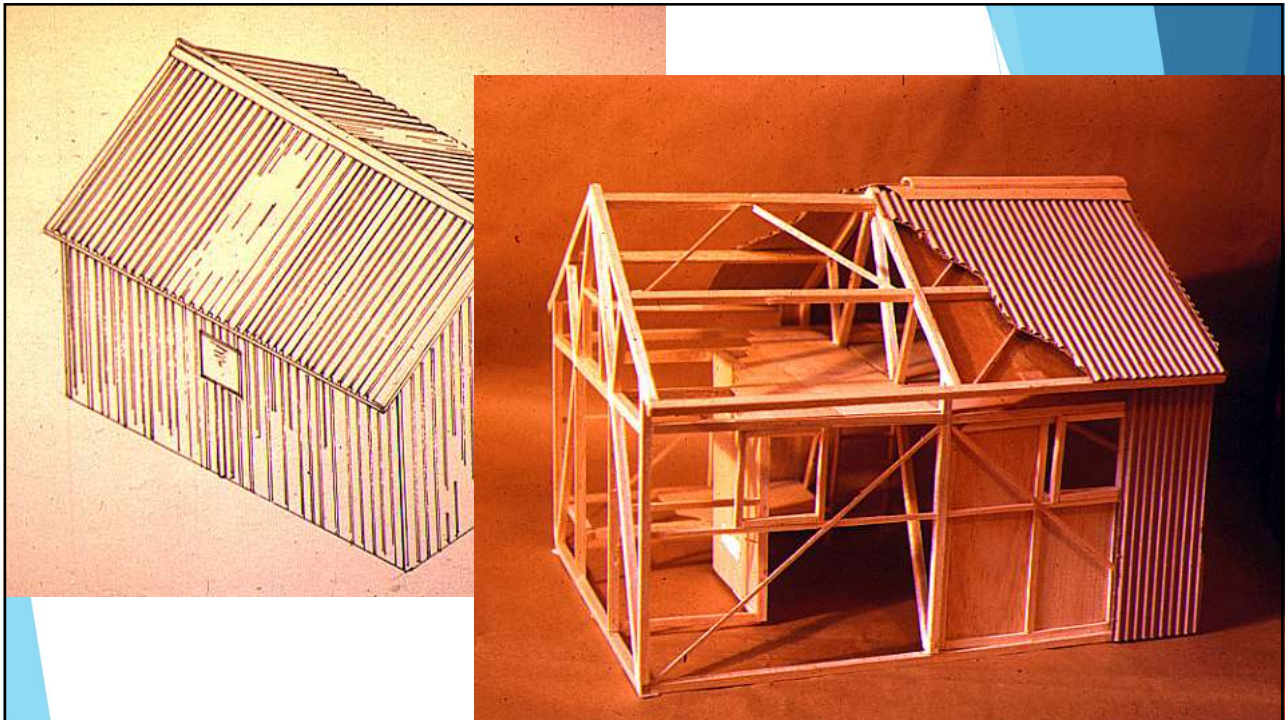


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Value of Drawings and Models (51 years ago!)

- ▶ Project was to honour MUMC members / friends that were killed on Mt Cook in 1965
- ▶ Initial concept was a simple cairn on a Victorian Mountain
- ▶ PK ended up looking at a mountain hut as a memorial
- ▶ Some sketches of a Hypar solution done.
- ▶ Physical model done for presentation to the client (club) Rejected
- ▶ Different structure actually built and completed 50 years ago this year.
- ▶ Value of the drawings and model also helps client decide what they DON'T want as well as helping refine what they DO want.

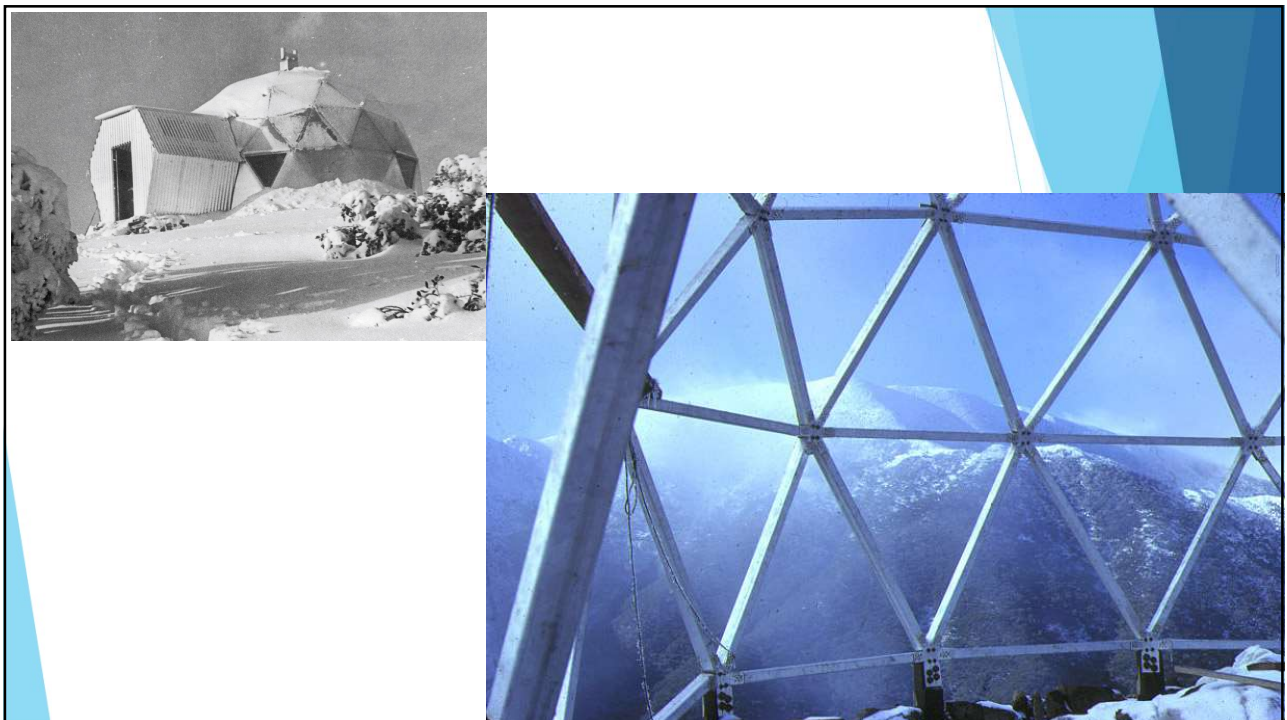
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Some logistics

LSAA Lightweight Structures Association Australasia Inc.

- Groups mixed
- Several “Mentors” to circulate around - be ready to ask questions!
- Main Mentors are Profs Vinzenz Sedlak and Robert Roithmayr who will do short introductions on Friday Afternoon and a quick demo of the Formfinder software resp.
- Most material provided for models
- Locations to be advised. Rooms F222 and F209
- Email sent with group names and structures to tackle.

- Good luck !!

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