ARCHITECTURAL STRUCTURE

GROUP PRESENTATION (WEEK 3-6) BRIEF February 28th 2022

ASSESSMENT TYPE:

Formative assessment

AIM OF THE TASK:

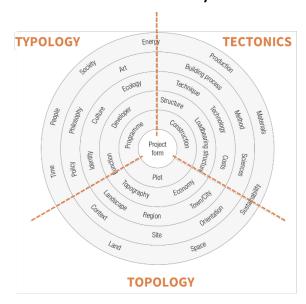
A better understanding of specific construction technique related to specific material (timber, steel, concrete, or masonry) through analysis of case studies or design precedent.

WHAT TO DO:

- Each pair, to present minimum three case studies related to the designated material. Choose minimum three buildings which utilise your designated material (timber/steel, etc) as <u>main structural</u> <u>system</u>. At least one scaled prototype is suggested.
- 2. To present during seminar time, allocated time is 30 minutes presentation.
- 3. There will be questions and answers question at the end, other groups to prepare one question minimum per group.

AN EXAMPLE OF PRESENTATION OUTLINE:

- 1. Introduction: material, strength and weaknesses, common use, etc
- 2. **Typology** of the three case studies: function of buildings in relation to the main structure's material
- 3. **Topology** of the case studies
- 4. **Tectonics** of the case studies
- 5. **Compare and contrast** of the use of the main structural system
- 6. Typical **joints**
- 7. Conclusion and takeaways



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GROUP PRESENTATION (WEEK 3-6) GROUP ALLOCATION

FLIPPED CLASS APPROACH: PRESENTATION

	DATE	DESIGN PRECEDENTS PRESENTATION TOPIC	PRESENTER 1	PRESENTER 2
Week 3	March 7th	Timber structure	Tiffany	Charles
Week 4	March 14th	Steel structure	Inas	Lina
Week 5	March 21st	Concrete structure	Starleen	Ilham
Week 6	March 28th	Masonry structure	Israel	Hala

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