

Table S1. Supplemental Table: Course evaluation & final reflections with team assessment

Questions	Investigated factors	Type of examination
How did architect, engineer and fabricator in the team control and share the responsibility for the total processes of conceptualization and materialization from the early project stage?	Collaboration dynamics <ul style="list-style-type: none"> - Positive interdependence - Accountability - Promotive interaction Digital data sharing	Text describes partner contributions or lack of participation, reinforcement or negotiation of decisions.
How do you evaluate the contribution of each member of the team in terms of organization, participation and communication?	Collaboration dynamics <ul style="list-style-type: none"> - Positive interdependence - Accountability - Promotive interaction 	Reveals each person's contribution.
How do you evaluate the contribution of each member of the team in terms of accountability?	Collaboration dynamics <ul style="list-style-type: none"> - Accountability 	Describes team dynamics and individual reliability, i.e. consistency of meeting attendance, timely submission of assigned contribution, ability to address emergent challenges.
How did parametric design tools learned in this class support capability of predicting design outcomes in terms of spatial experience, structural performance, and constructability?	Digital data sharing Collaboration dynamics <ul style="list-style-type: none"> - Construction of knowledge 	Expresses capabilities and limitations, i.e. the software's power of generating and evaluating multiple design variations. Insight into the limitations of the software (i.e. no construction sequencing or site constraints) or its use by the team
How can the relationship between architectural design and construction detail be redefined in the context of digital file-to-fabrication processes? Support this analysis with examples from your own experience in the project team	Digital data sharing Tectonics drivers	Able to describe how the parametric model facilitated prototyping (i.e. generating cutting templates, relationships of parts and part labels To assist assembly.) Optionally cites how physical prototyping informed the digital model, or the need to work with different levels of detail, i.e. models at multiple scales.