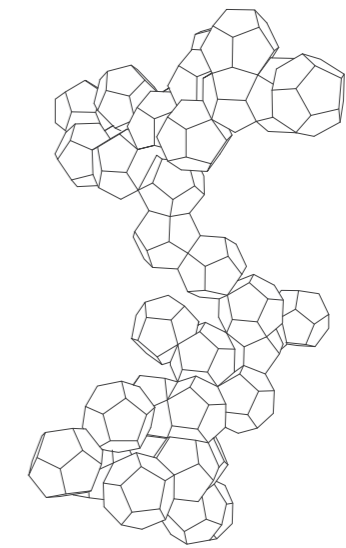


CRYSTAL ARCHITECTURE



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Frankfurt University of Applied Science
Advanced Architecture

Experimental Design
WS 2021-22 | Prof. Annett Zinsmeister



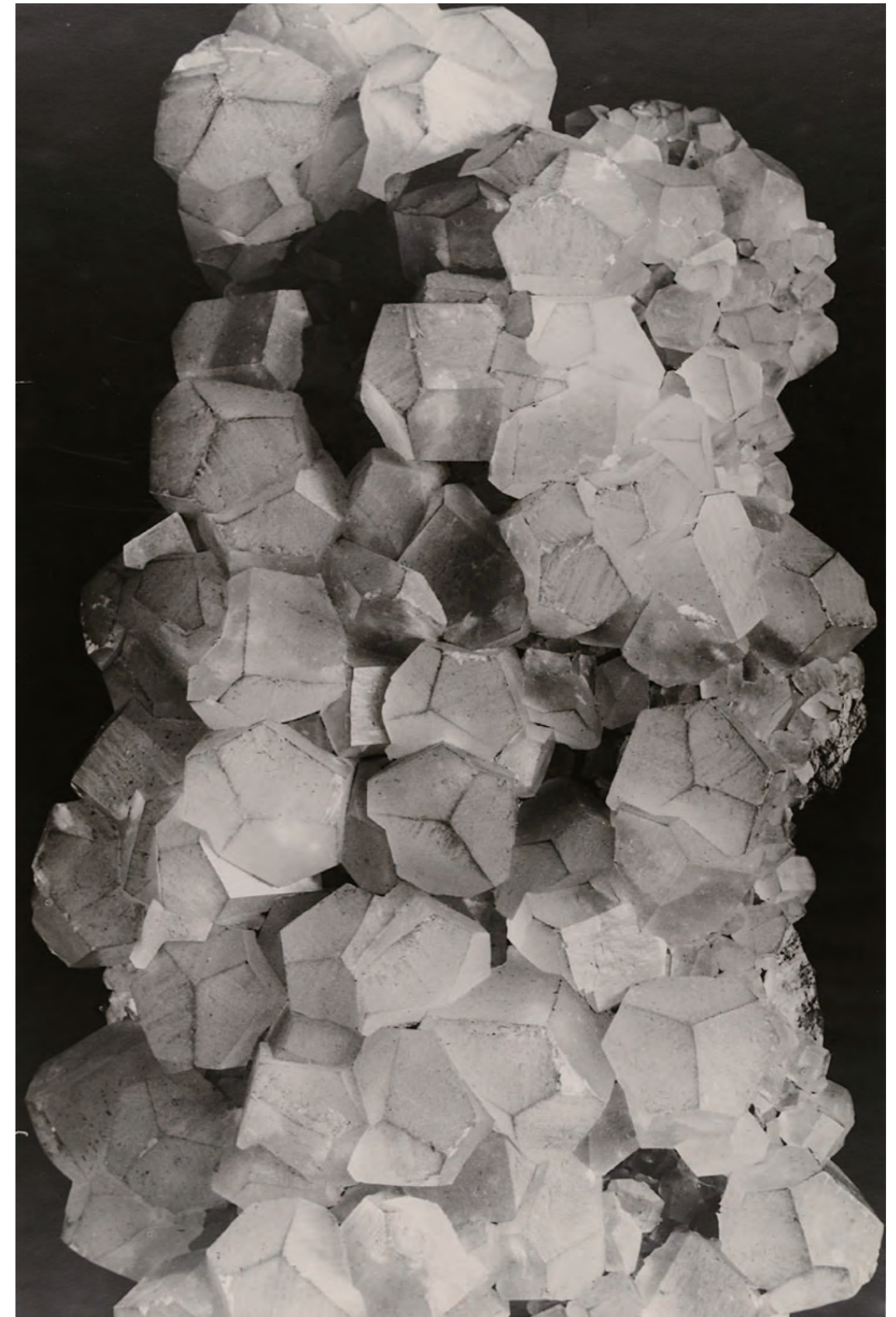
CRYSTAL ARCHITECTURE
"Kalkspat (Andreasberg)"

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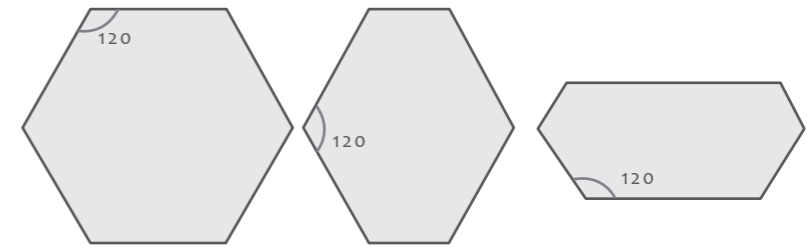
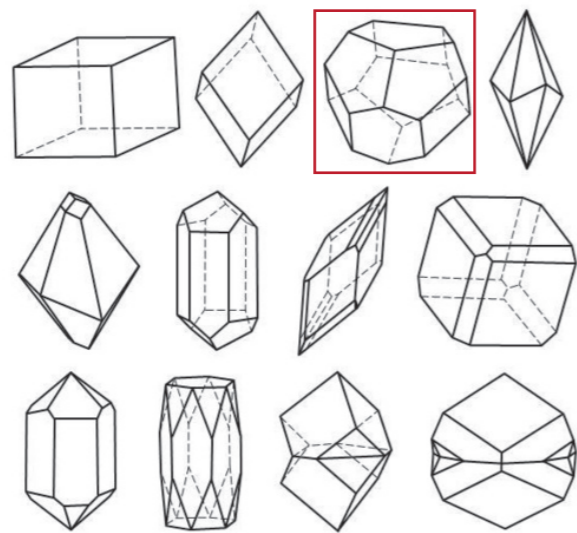
1	Concept Development
2	Calcite
4	Crystallography
5	Typologies
6	Connection pattern
	form
7	Spatial pattern Development
12	System
16	Plan
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	Perspective

Concept Development

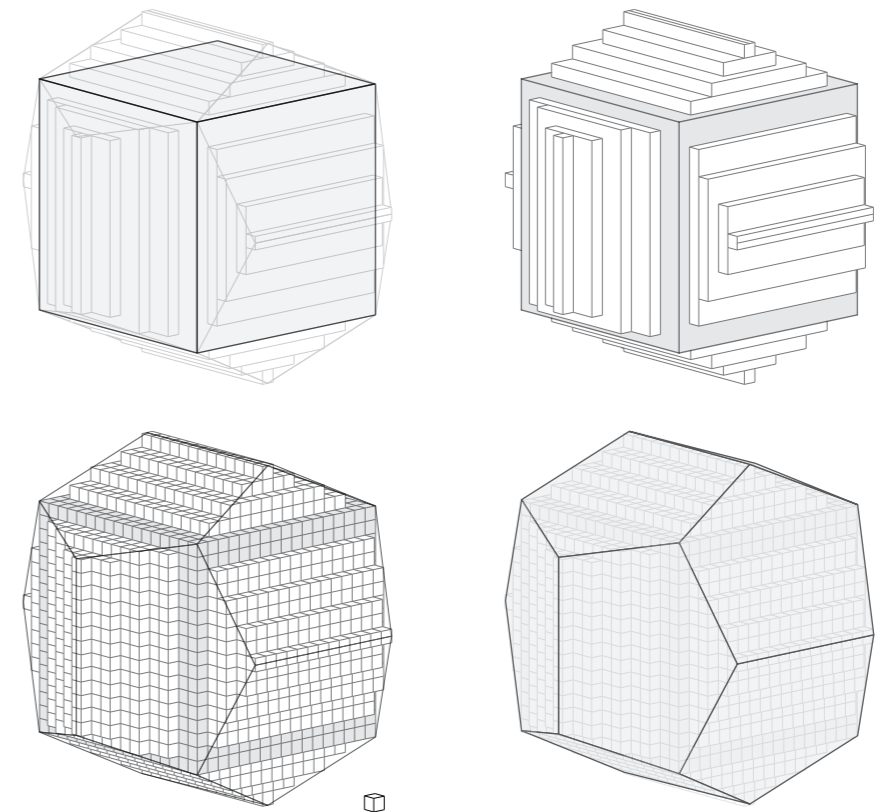


Kalkspat (Andreasberg) aus der Serie "Kristalle"
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“Crystallography”

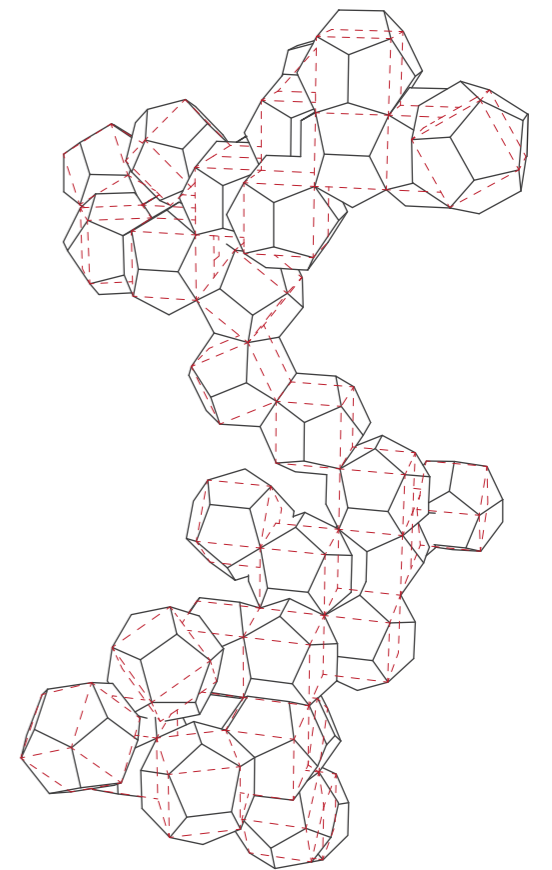
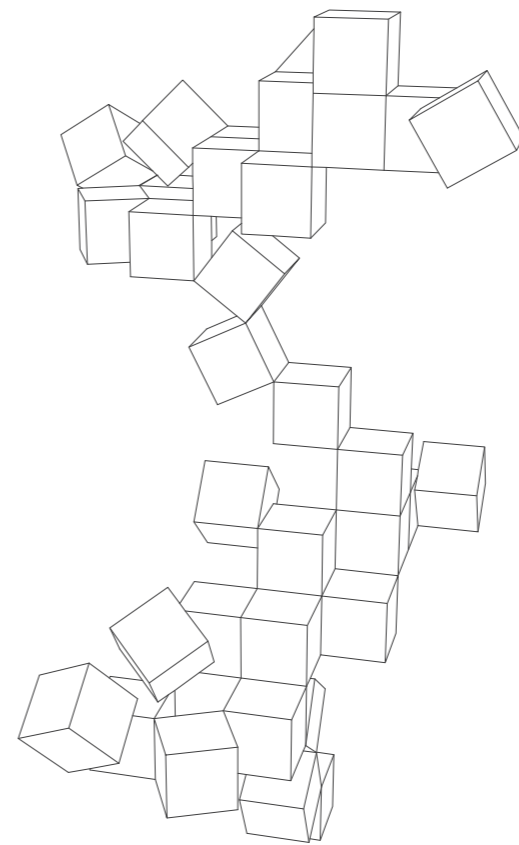
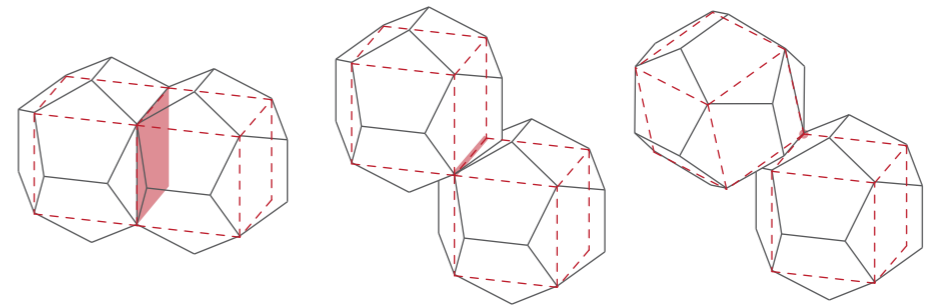
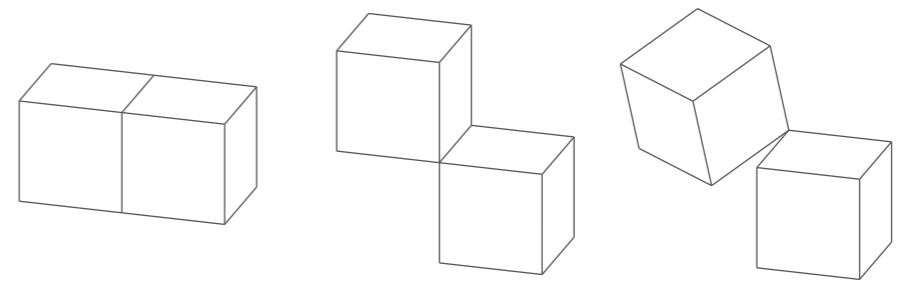
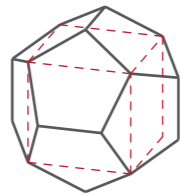
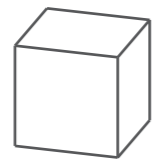


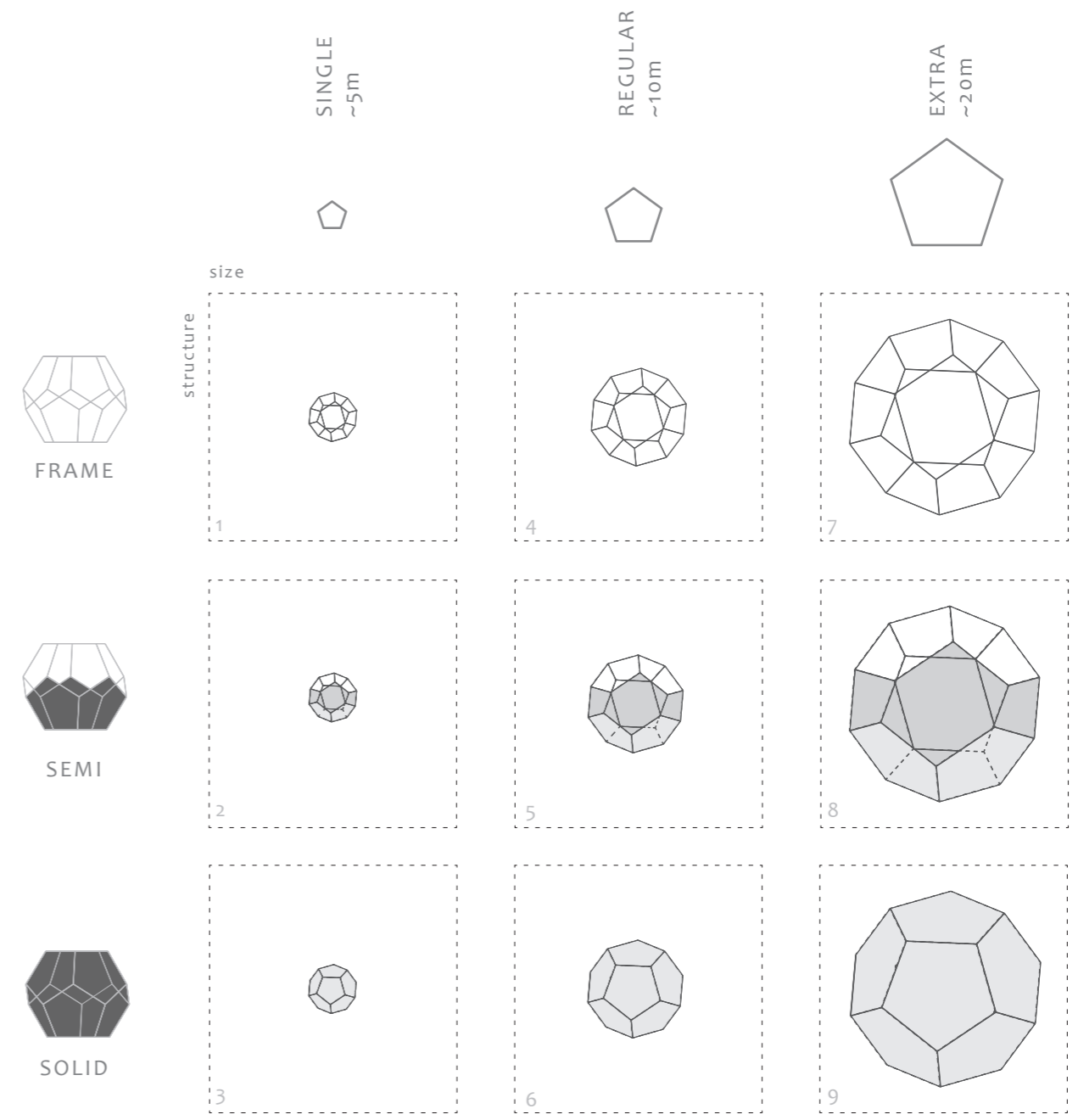
Symmetry



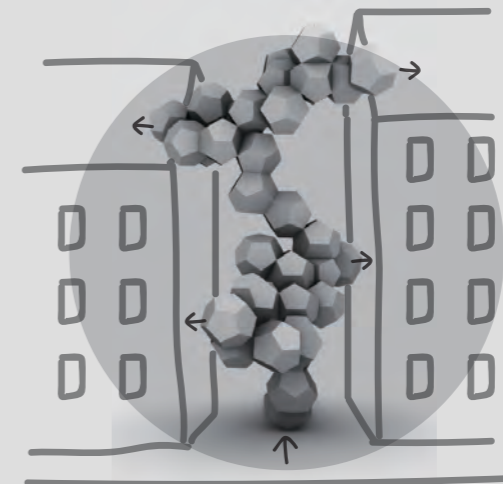
Repeatability

“Typologies”

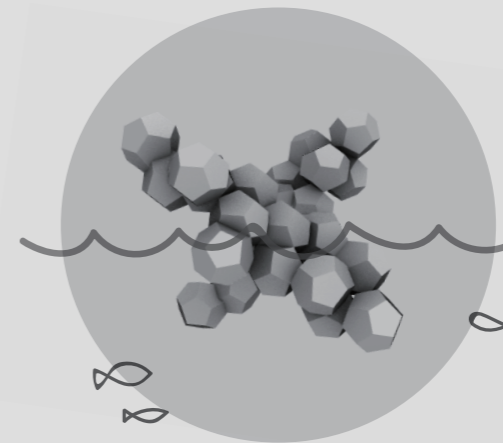




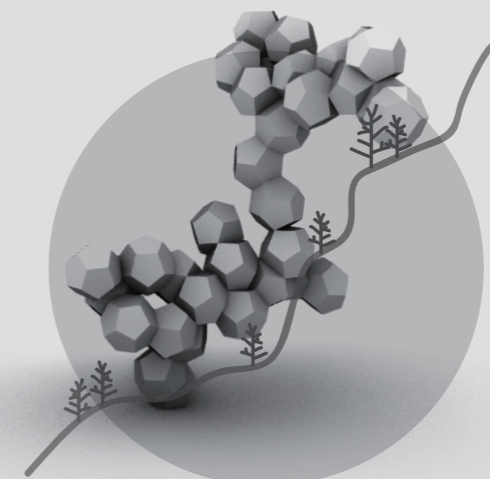
Spatial pattern Development



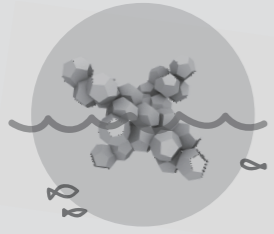
“ in the street ”



“ above the water ”

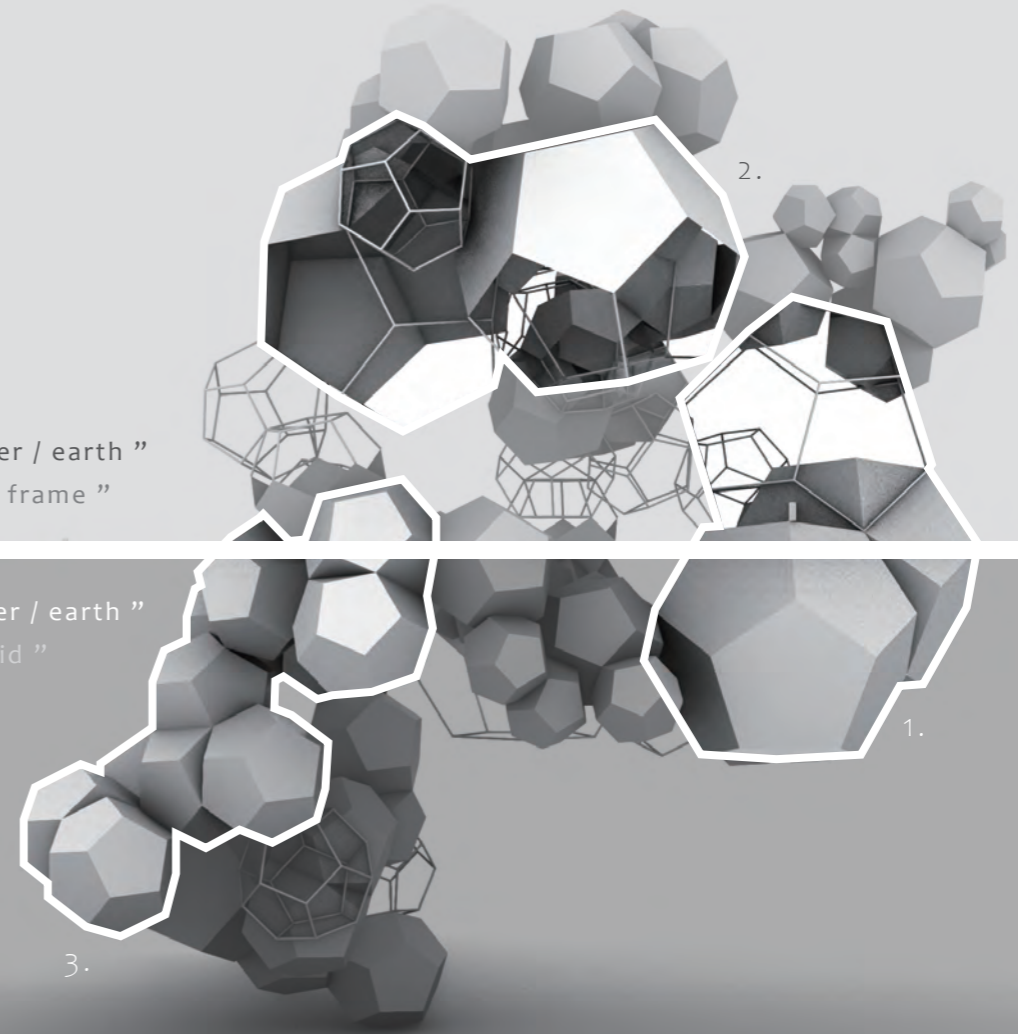


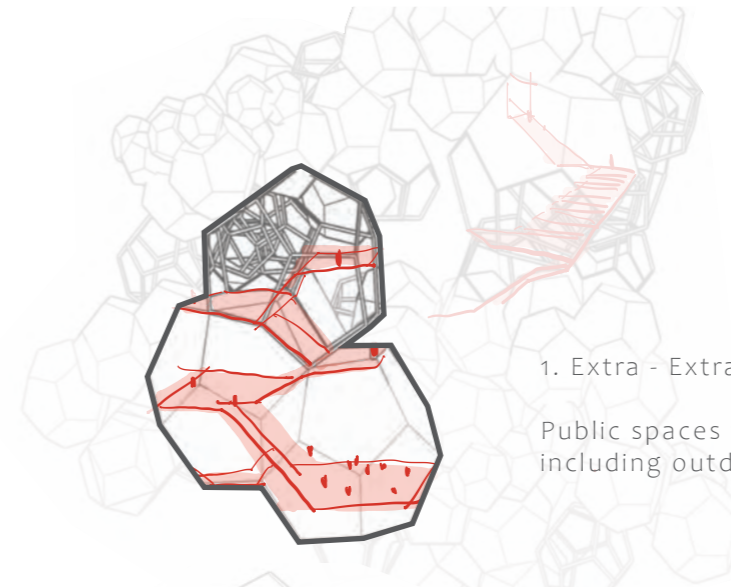
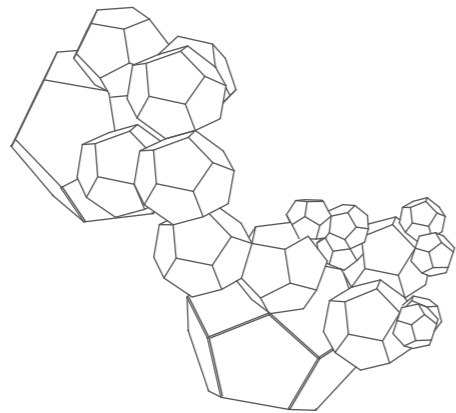
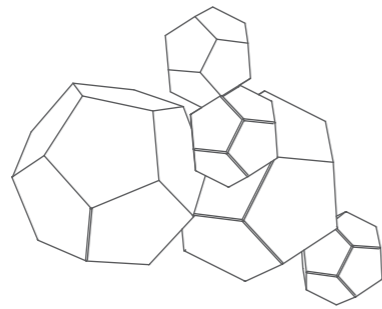
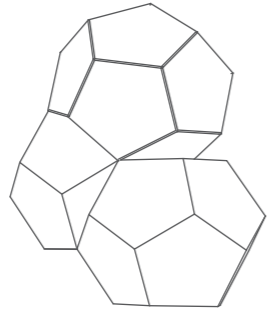
“ on the cliff / mountain ”



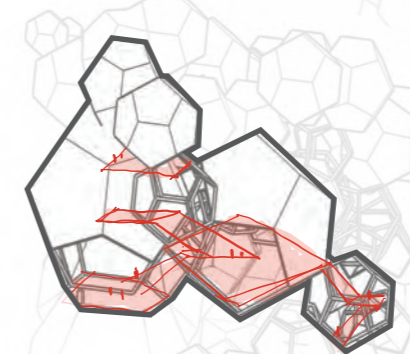
“ above water / earth ”
“ shell / frame ”

“ under water / earth ”
“ solid ”

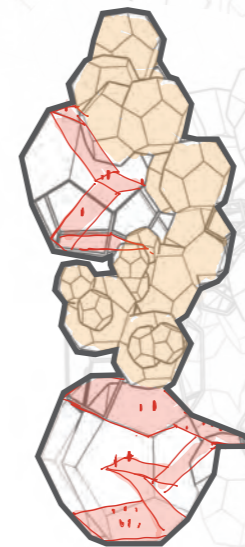




1. Extra - Extra
Public spaces with huge void including outdoor area

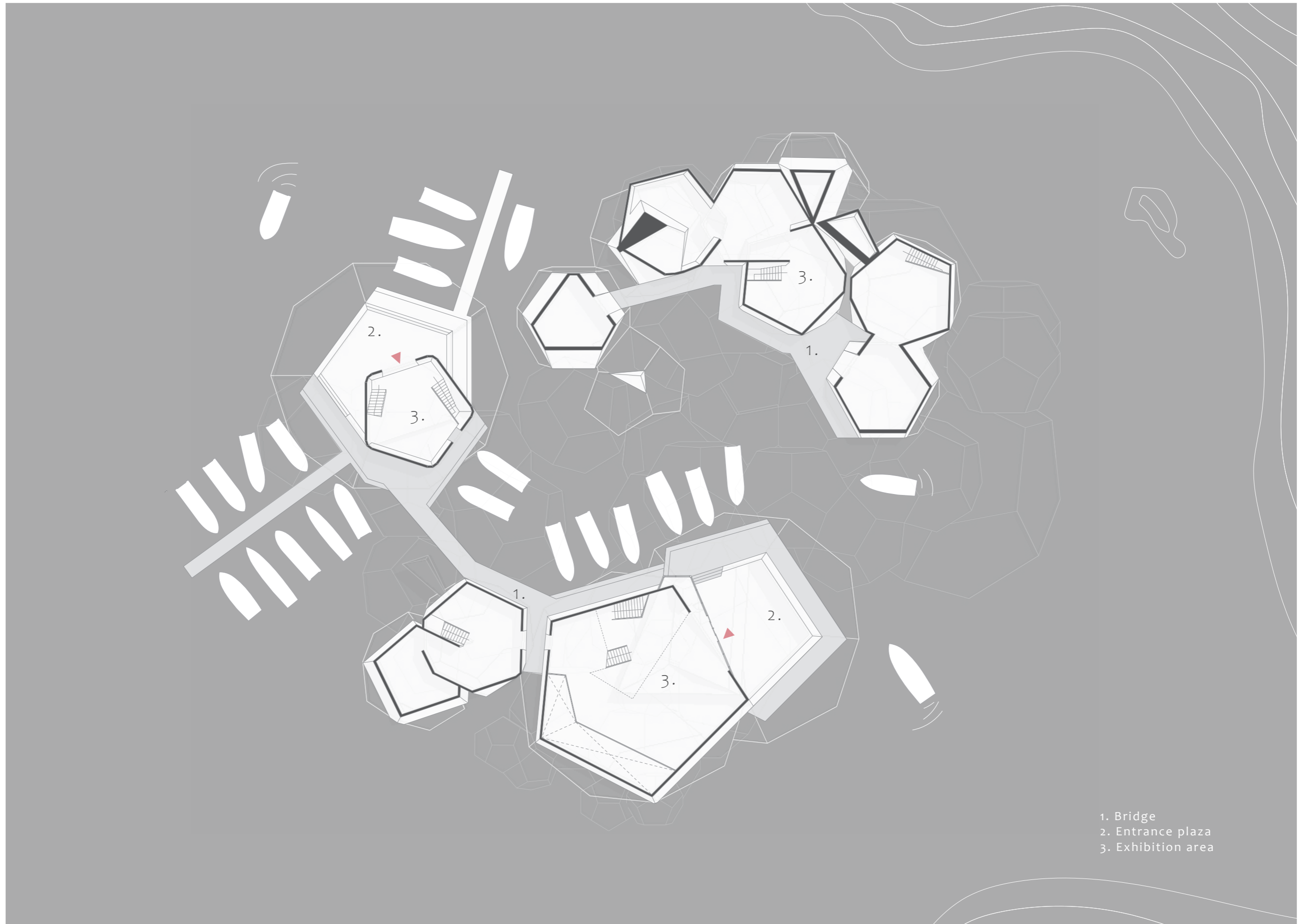


2. Extra - Standard
Attached with standard volumn as an auxiliary uses

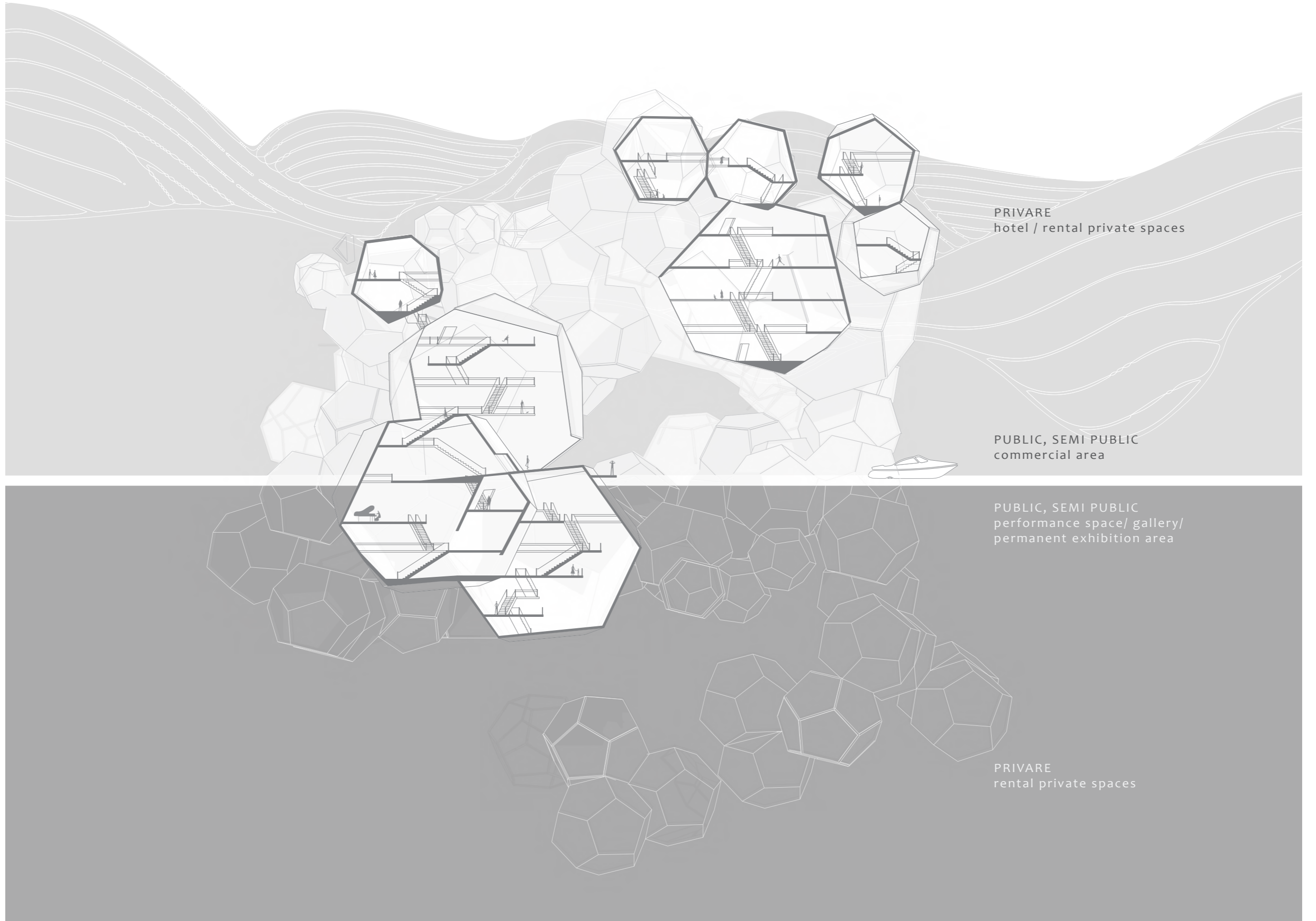


3. Single - Standard/ Extra - Single
Private use area connect to each other with external pathway





- 1. Bridge
- 2. Entrance plaza
- 3. Exhibition area

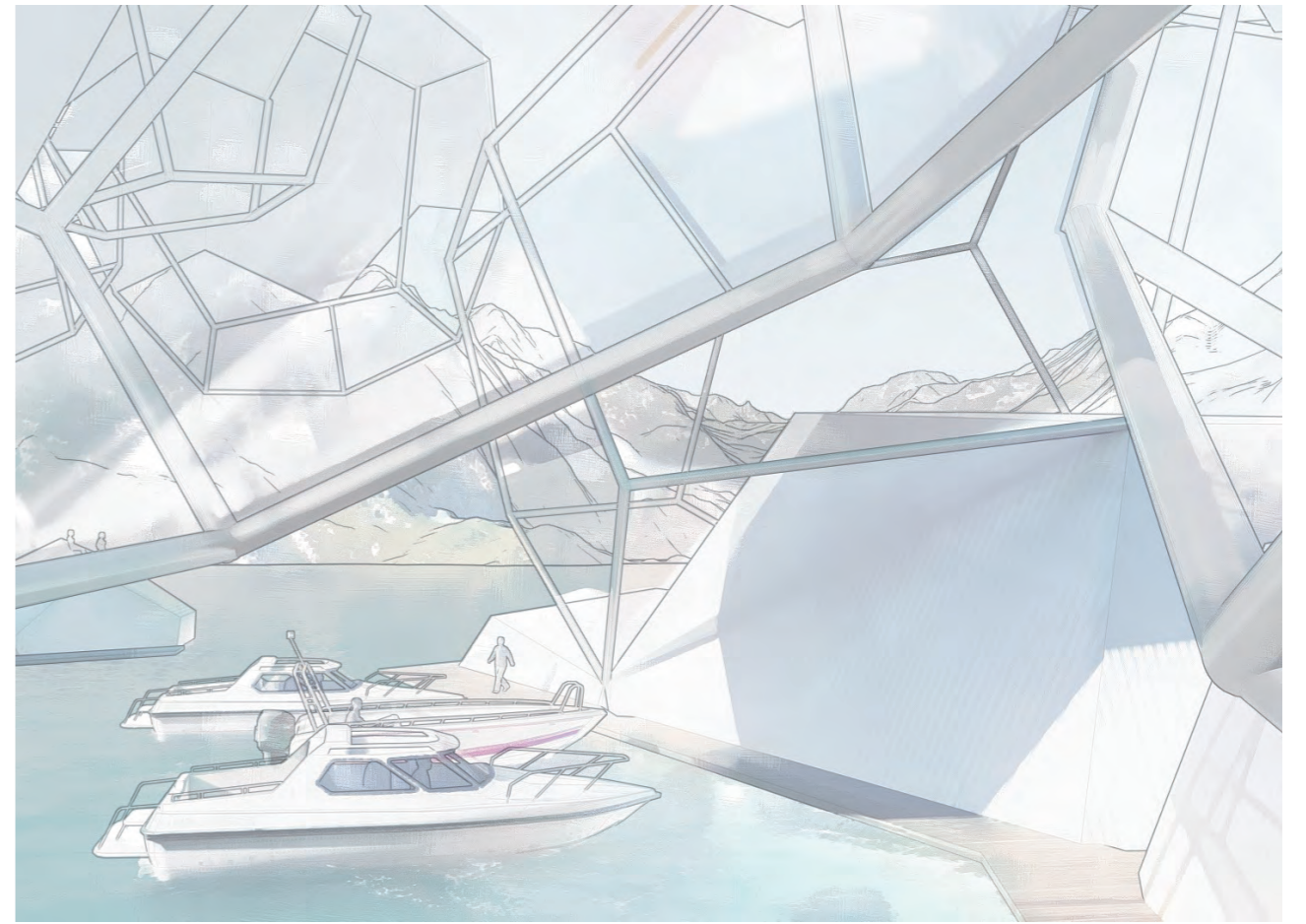
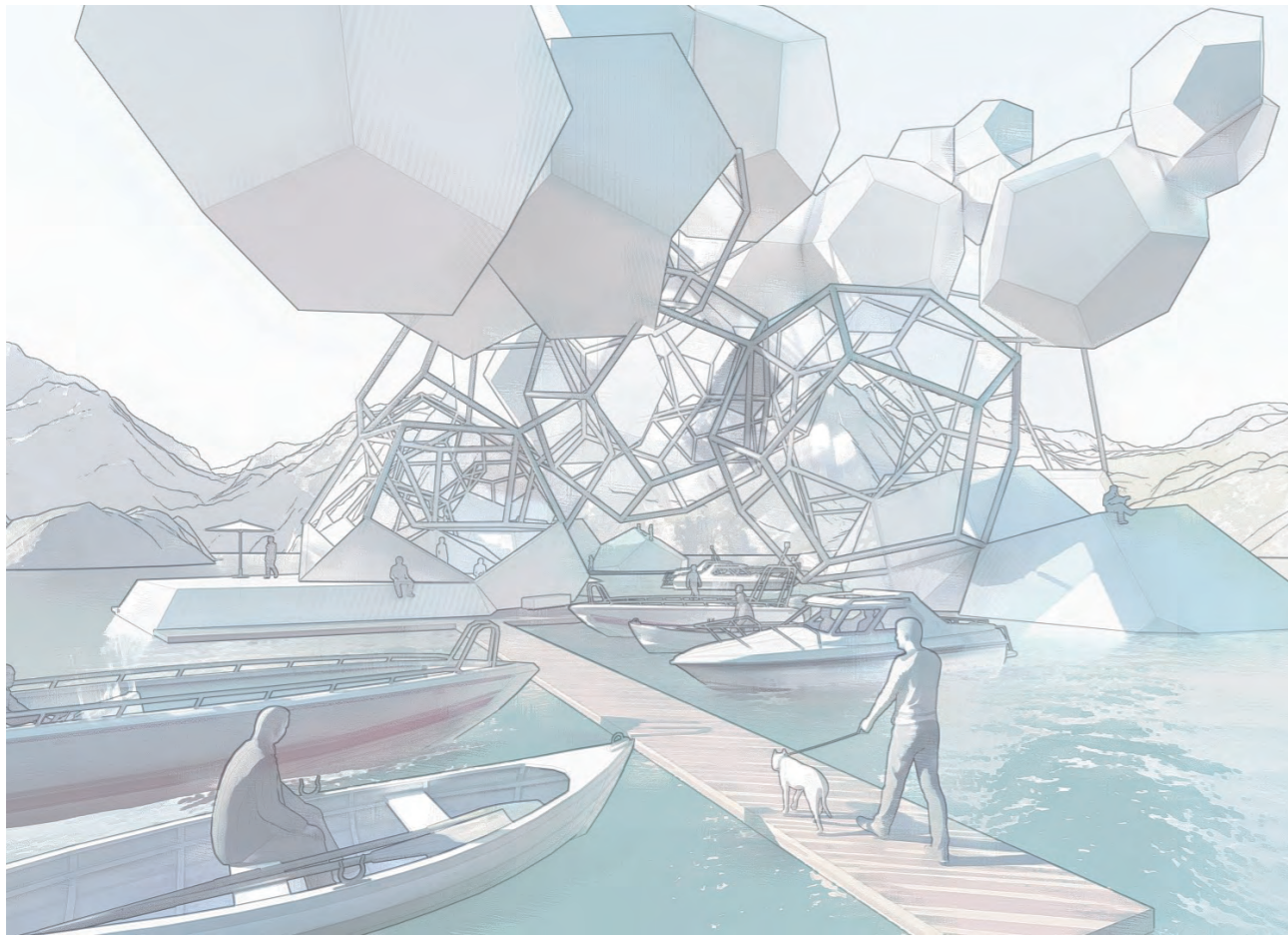


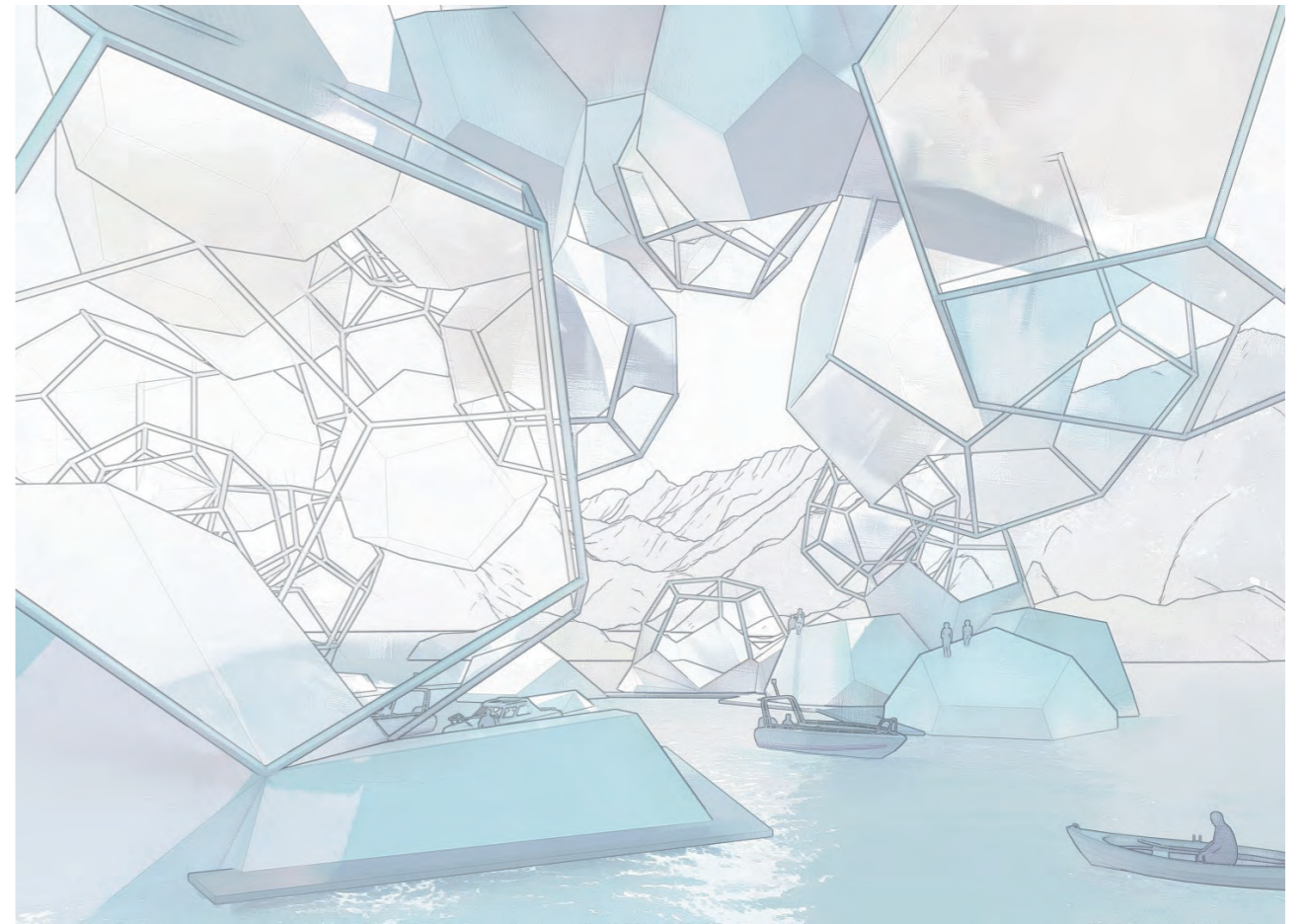
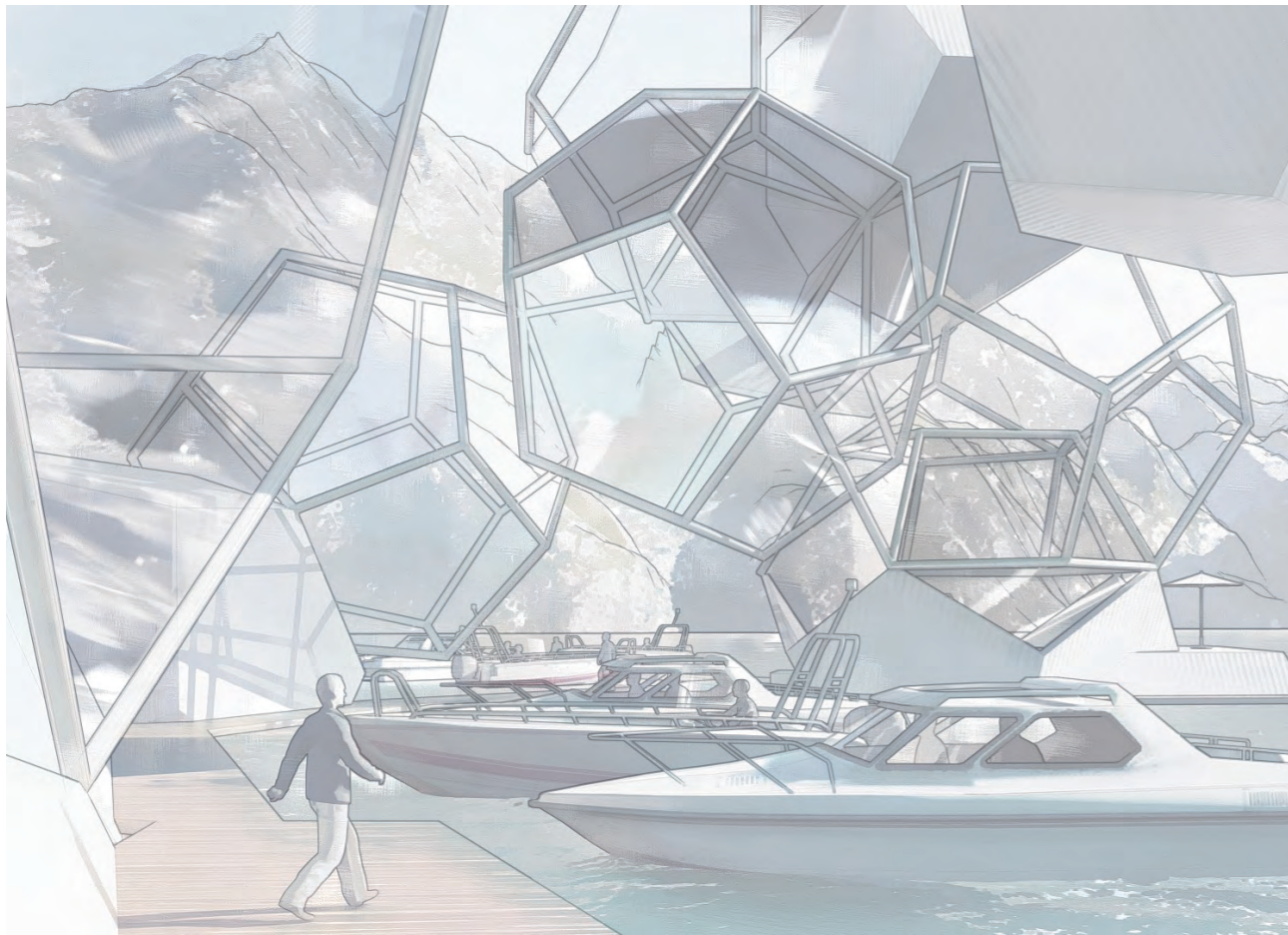
PRIVARE
hotel / rental private spaces

PUBLIC, SEMI PUBLIC
commercial area

PUBLIC, SEMI PUBLIC
performance space/ gallery/
permanent exhibition area

PRIVARE
rental private spaces







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