



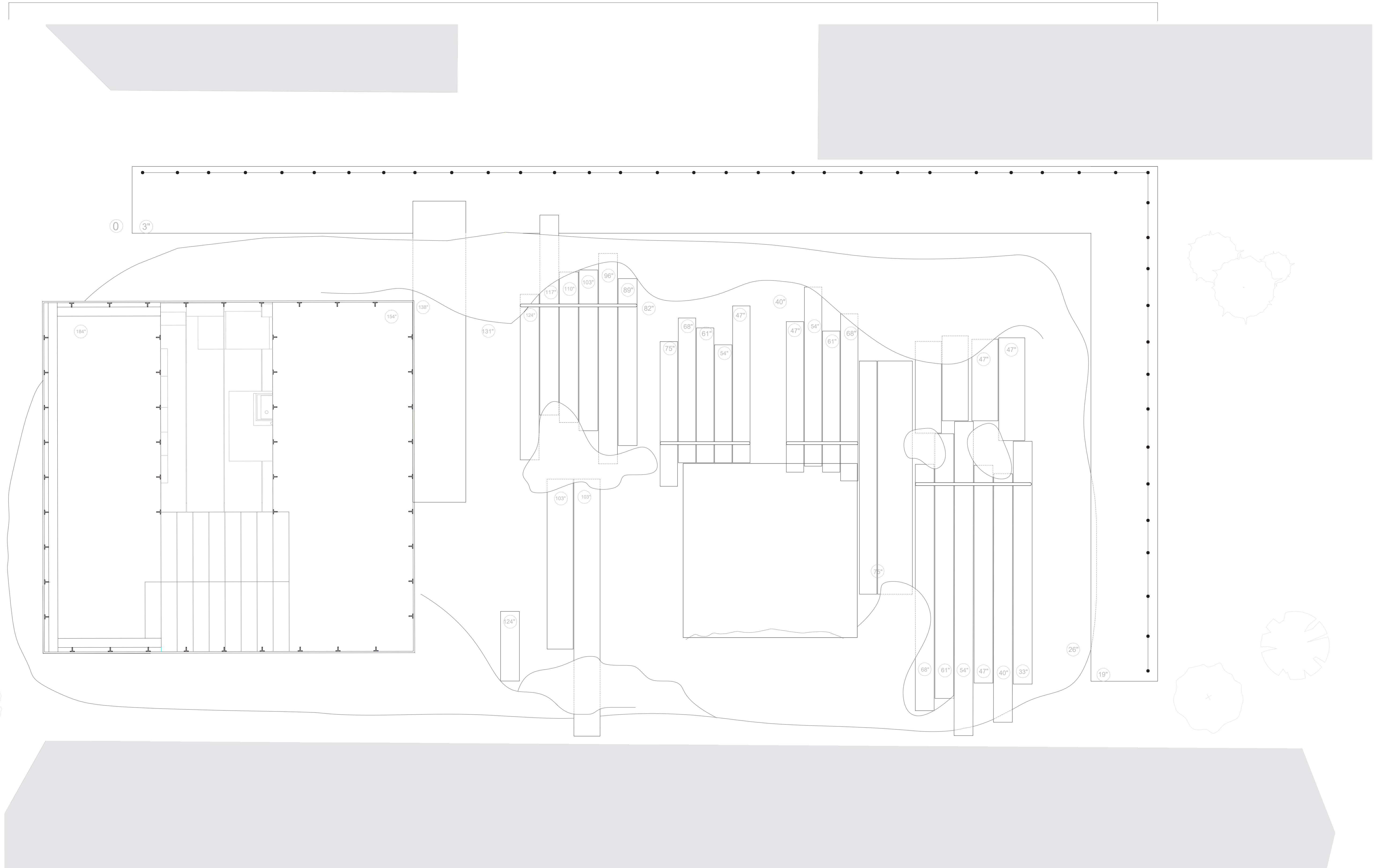
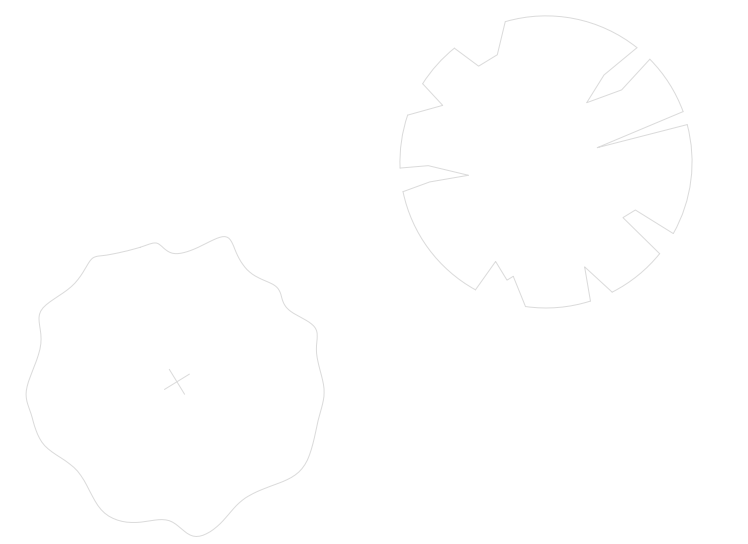
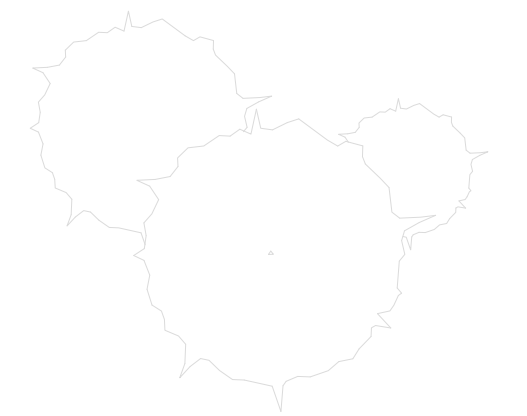
THE SHOJI SCREENS

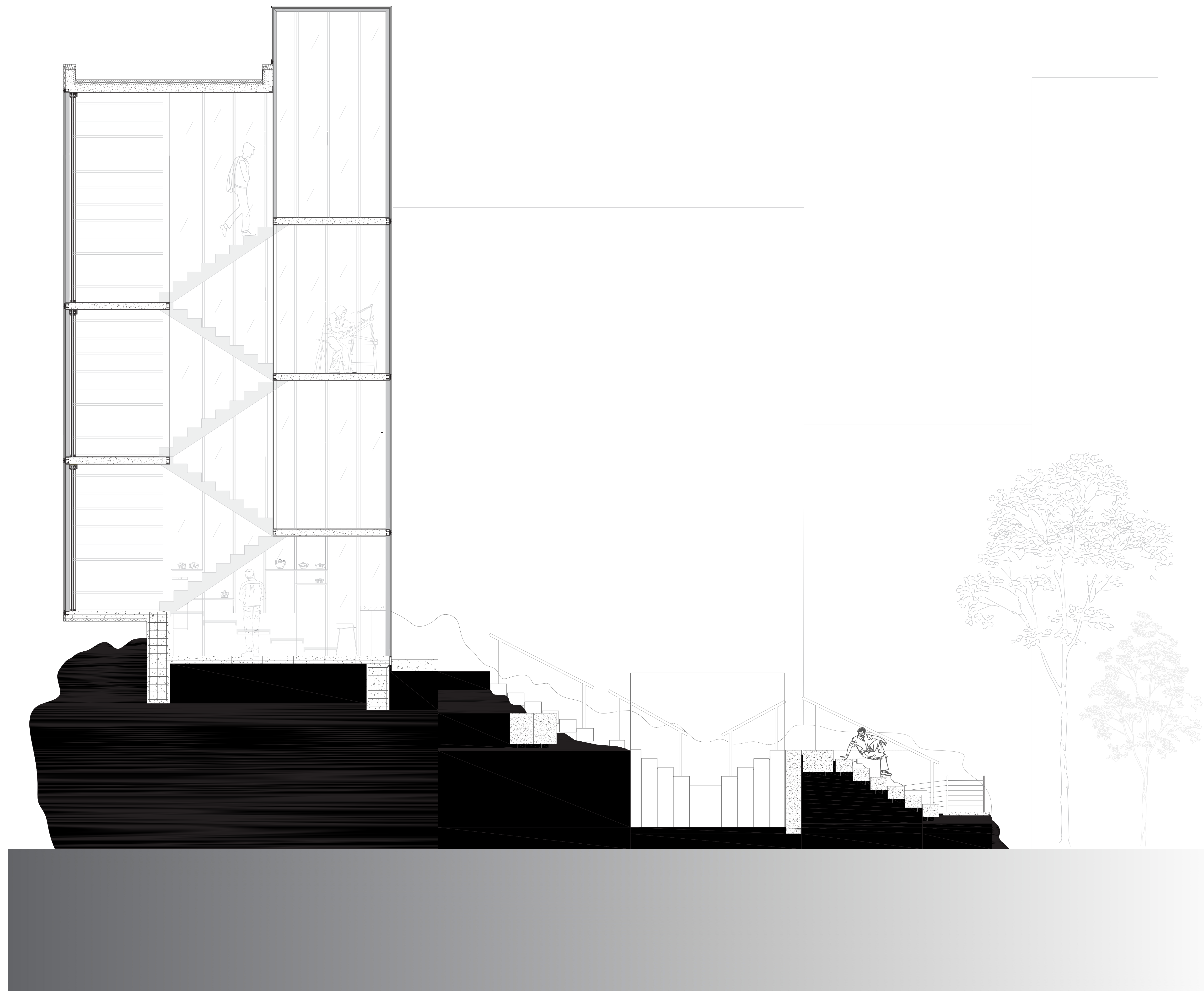
GABRIELA MELGHEM AND LUTFUN NAHAR

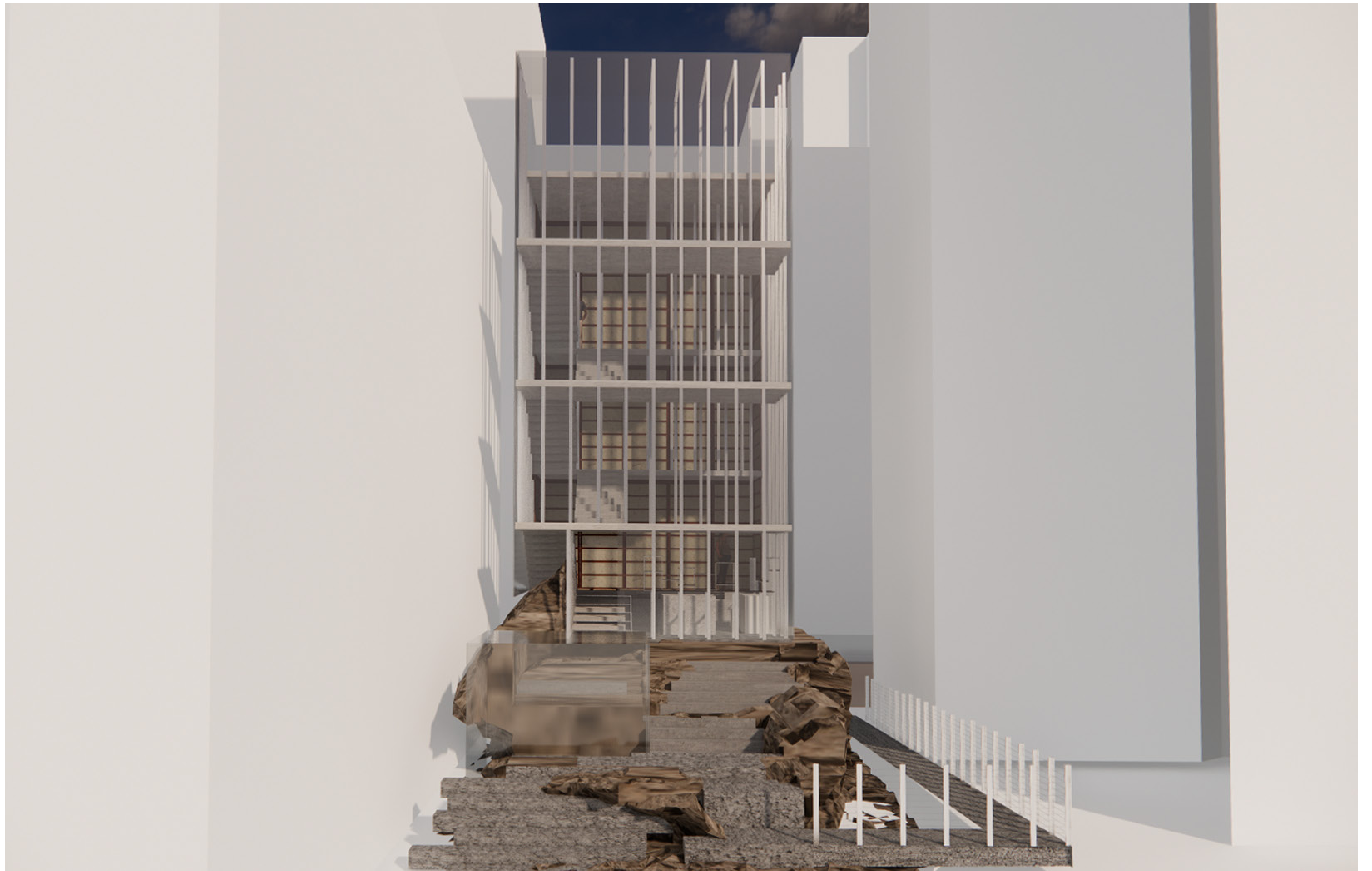
Given a NYC lot with a large piece of Manhattan schist on it, we added materials such as glass and concrete to create structure complementing the rock. For the landscape to the south, we implemented a concrete paver system, inserting different size pavers into the rock. The structure is intended to be accessed from the south side of the lot, experiencing the rock landscape first, giving the users a clear orientation of the space, either towards the street or towards the garden. The main program facing the garden side is the kitchen; The northern part of the kitchen facing the street has an upper level that works as a relaxing space, which sets up a split-level parti for the entire building's massing. While the southern garden façade is held as transparent as possible, the northern street façade's main elements are Japanese shoji screens. The shoji screens are used to bring privacy into this otherwise not so private glass structure. These translucent screens can now move side to side on three tracks to allow for more control over the openness of the space.

65'-10"

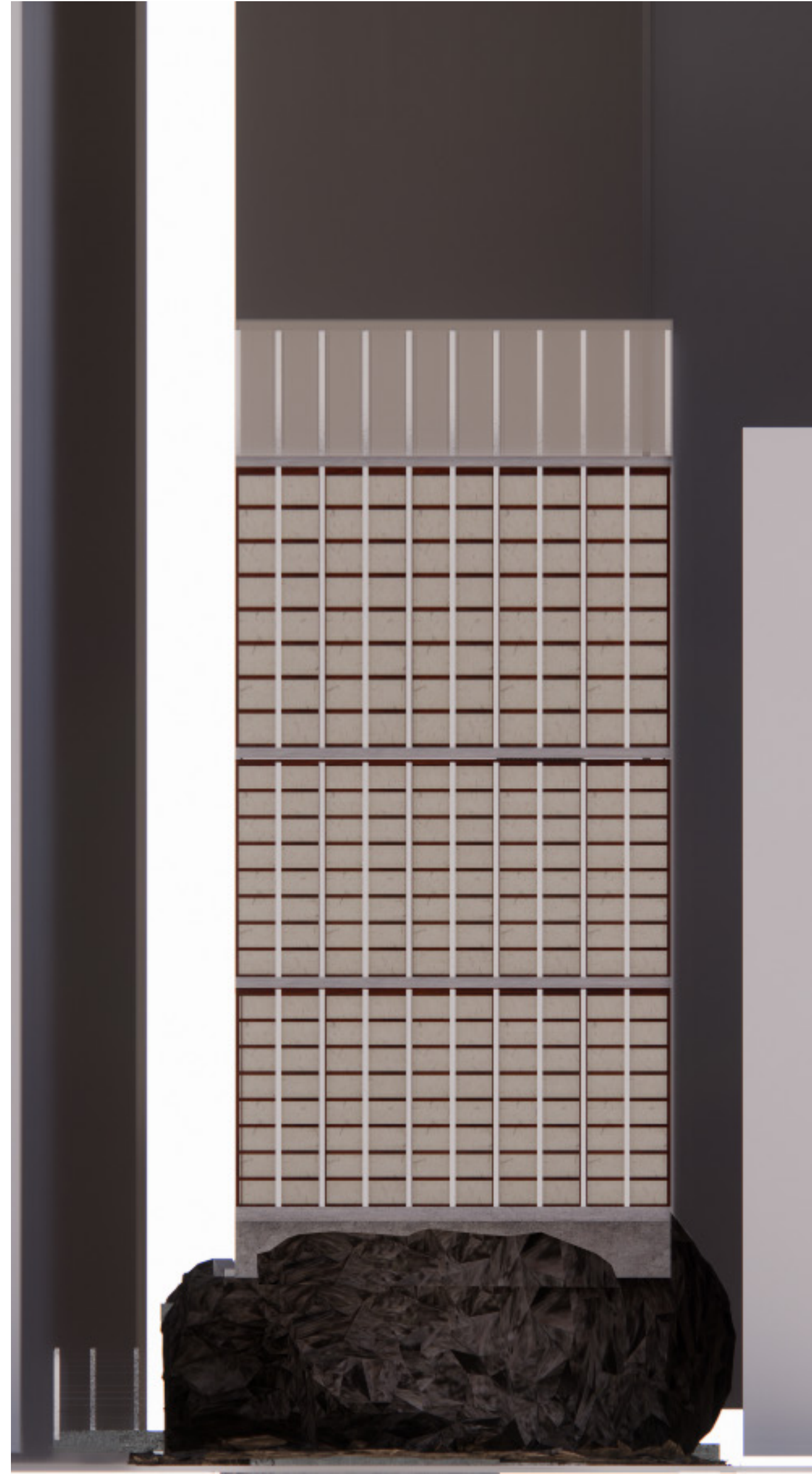
33'-0"







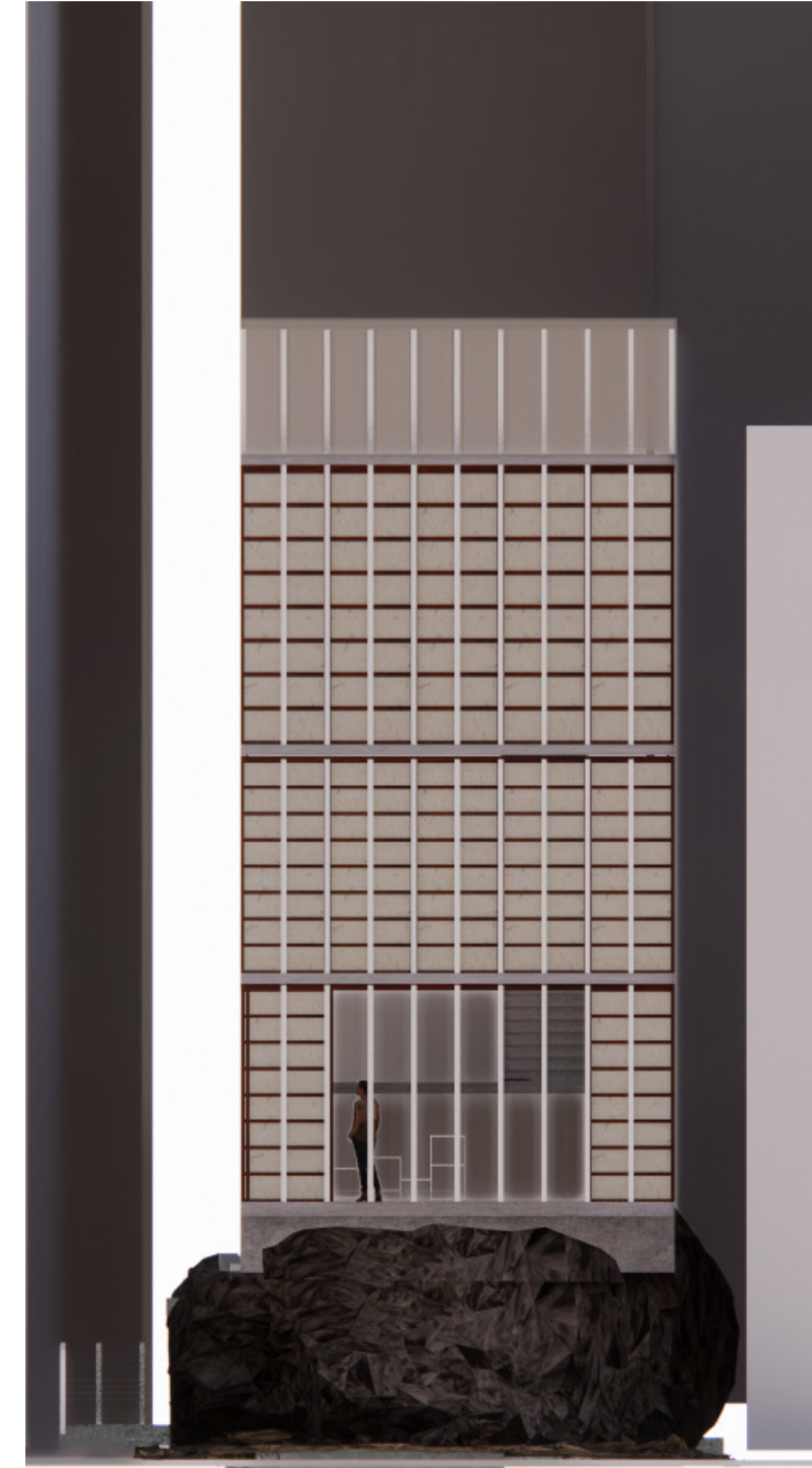
DIFFERENT FACADE OPTIONS / OPENNESS



VIEW WHEN ALL SHOJI SCREENS ARE
CLOSED



VIEW WHEN EACH FLOOR HAS AT LEAST
ONE SHOJI SCREEN OPEN

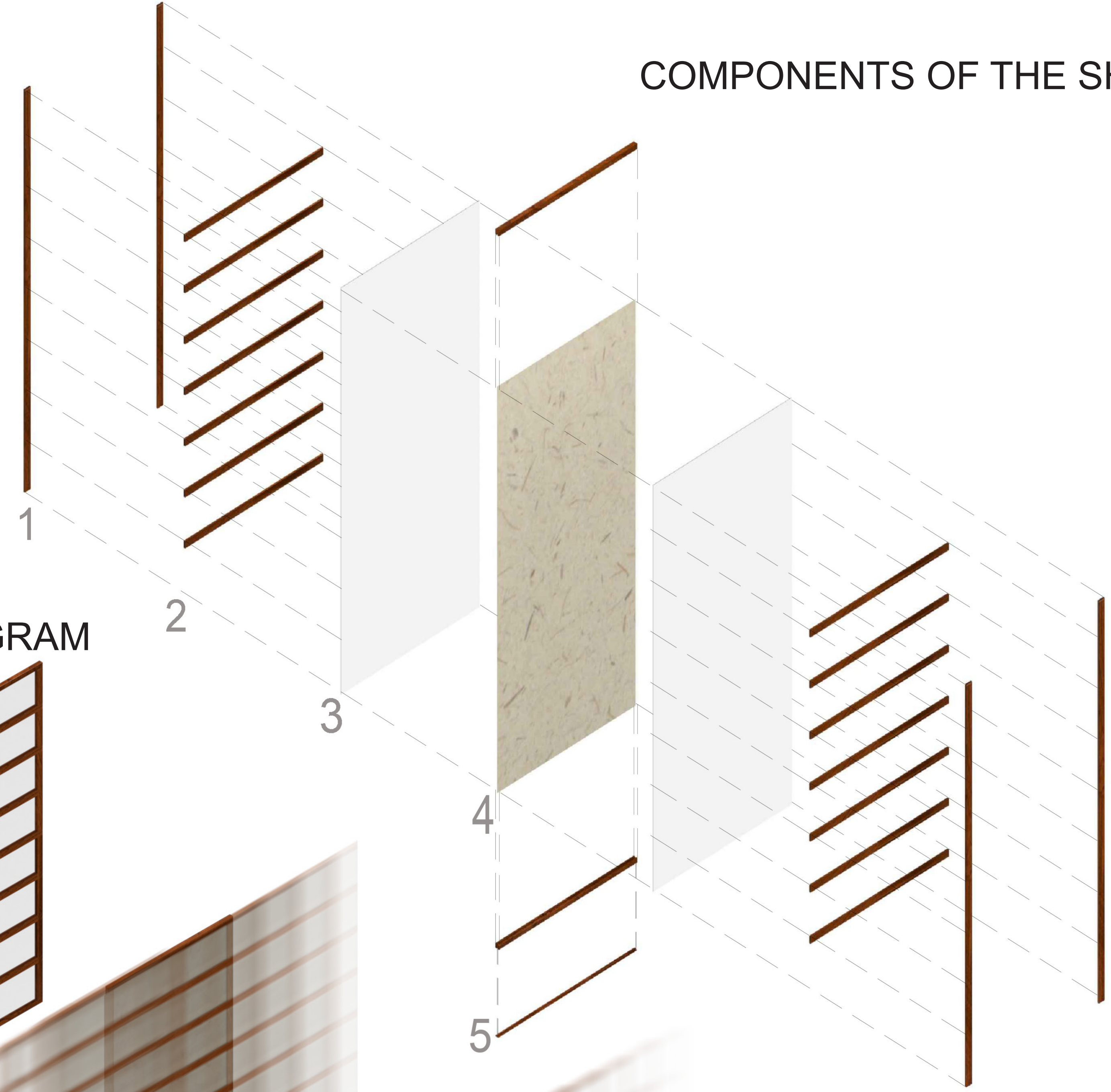


VIEW WHEN THE "RELAXING SPACE" SHO-
JI SCREENS ARE OPEN

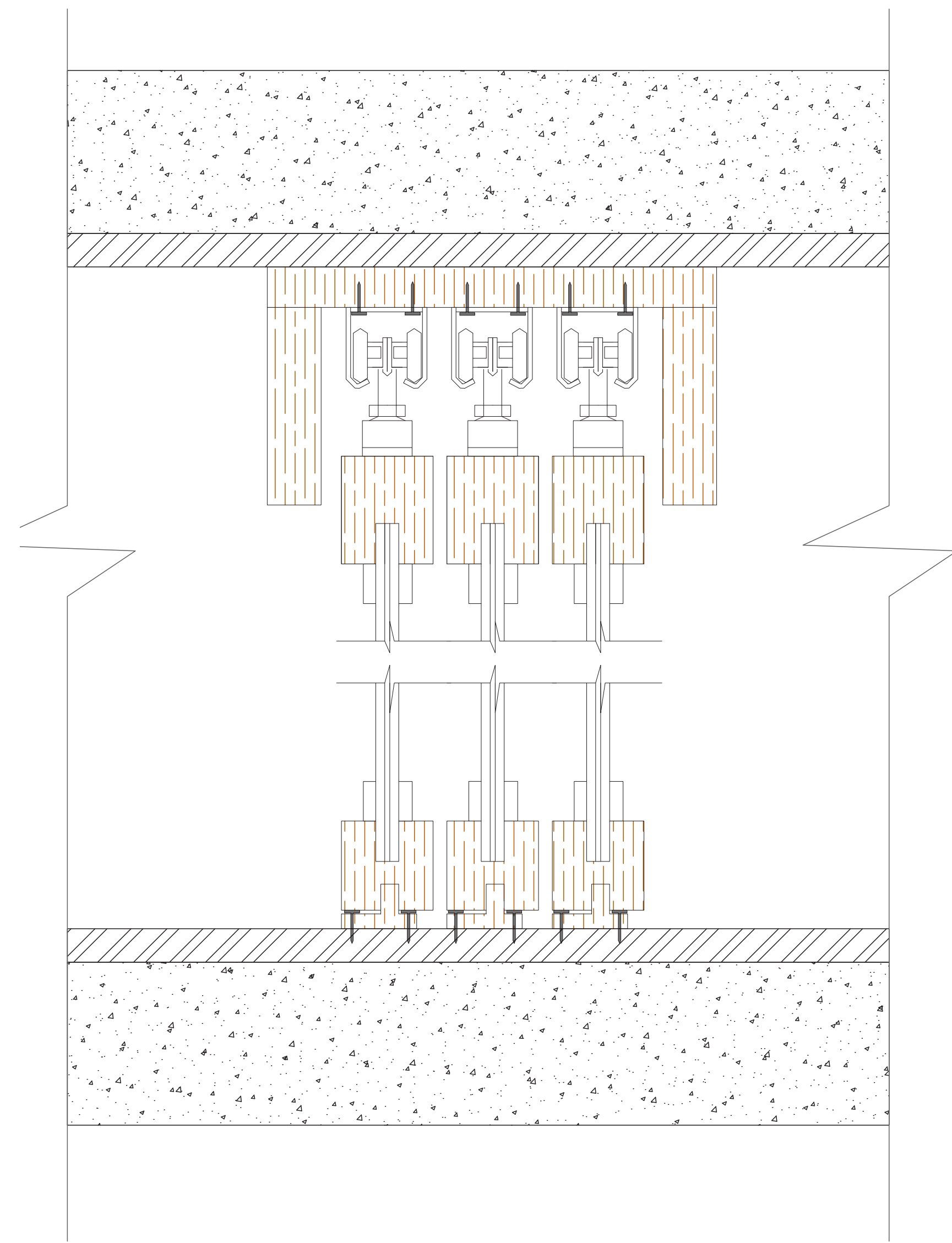
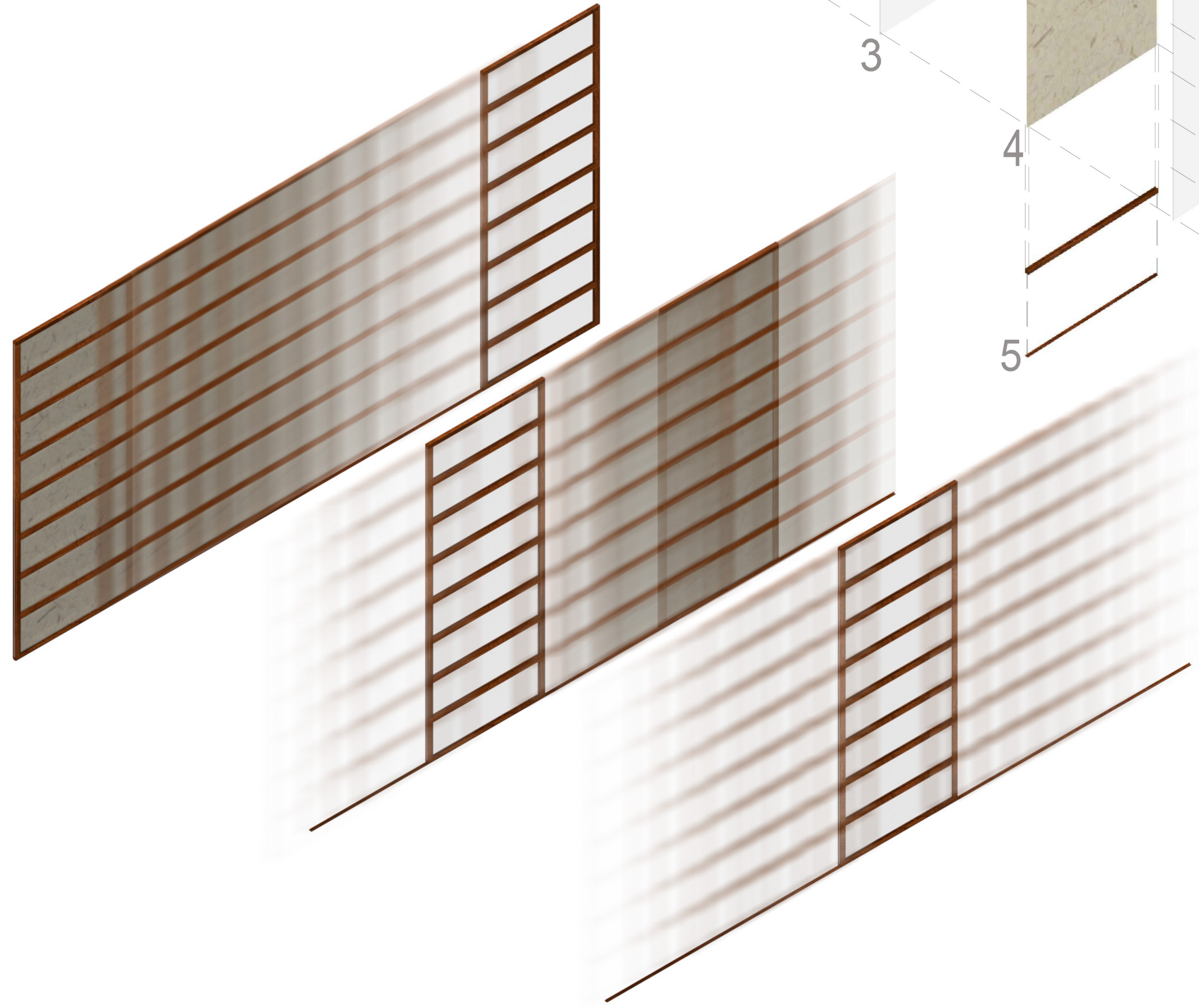


OPENING SHOJI SCREENS TO CREATE A
LARGE WINDOW

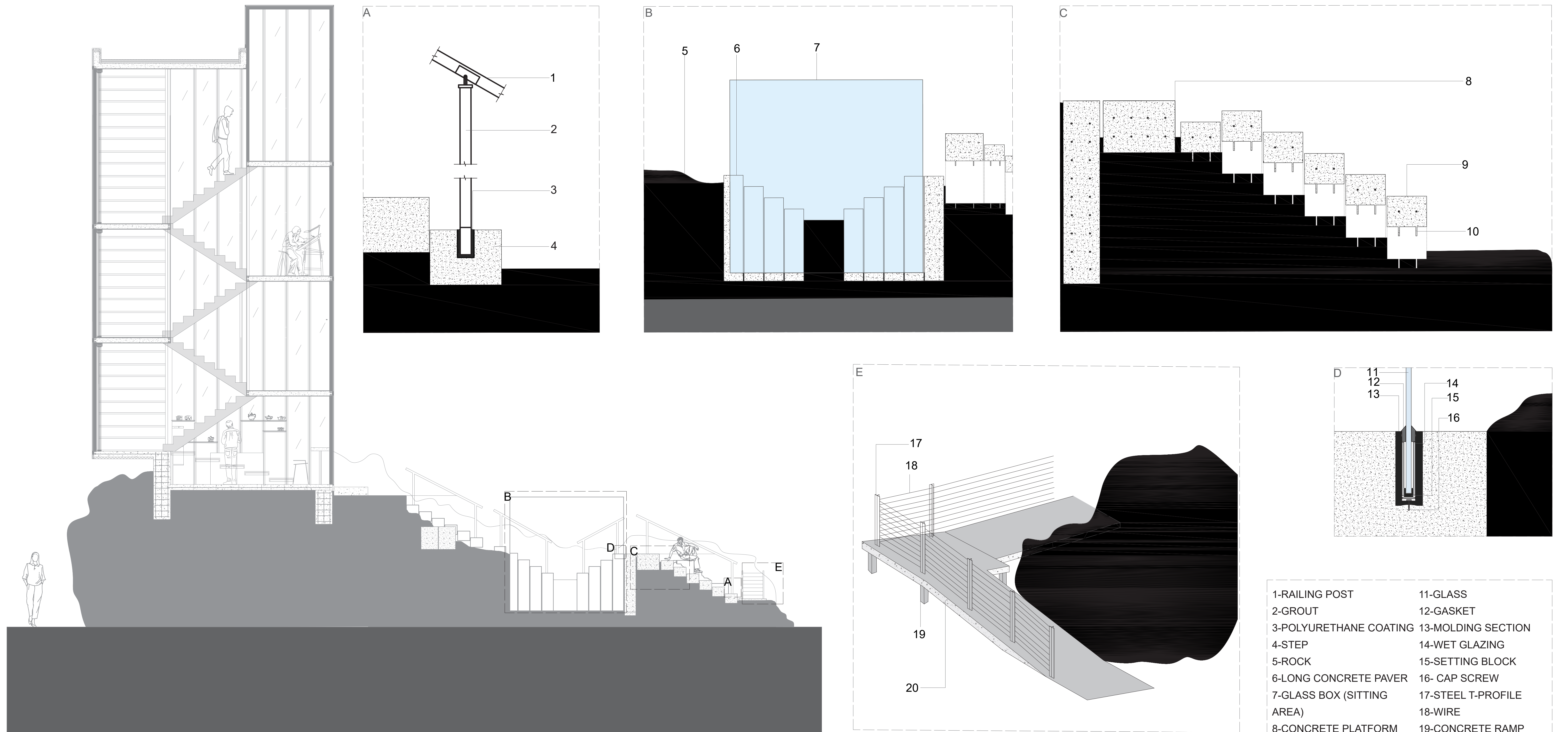
COMPONENTS OF THE SHOJI SCREEN



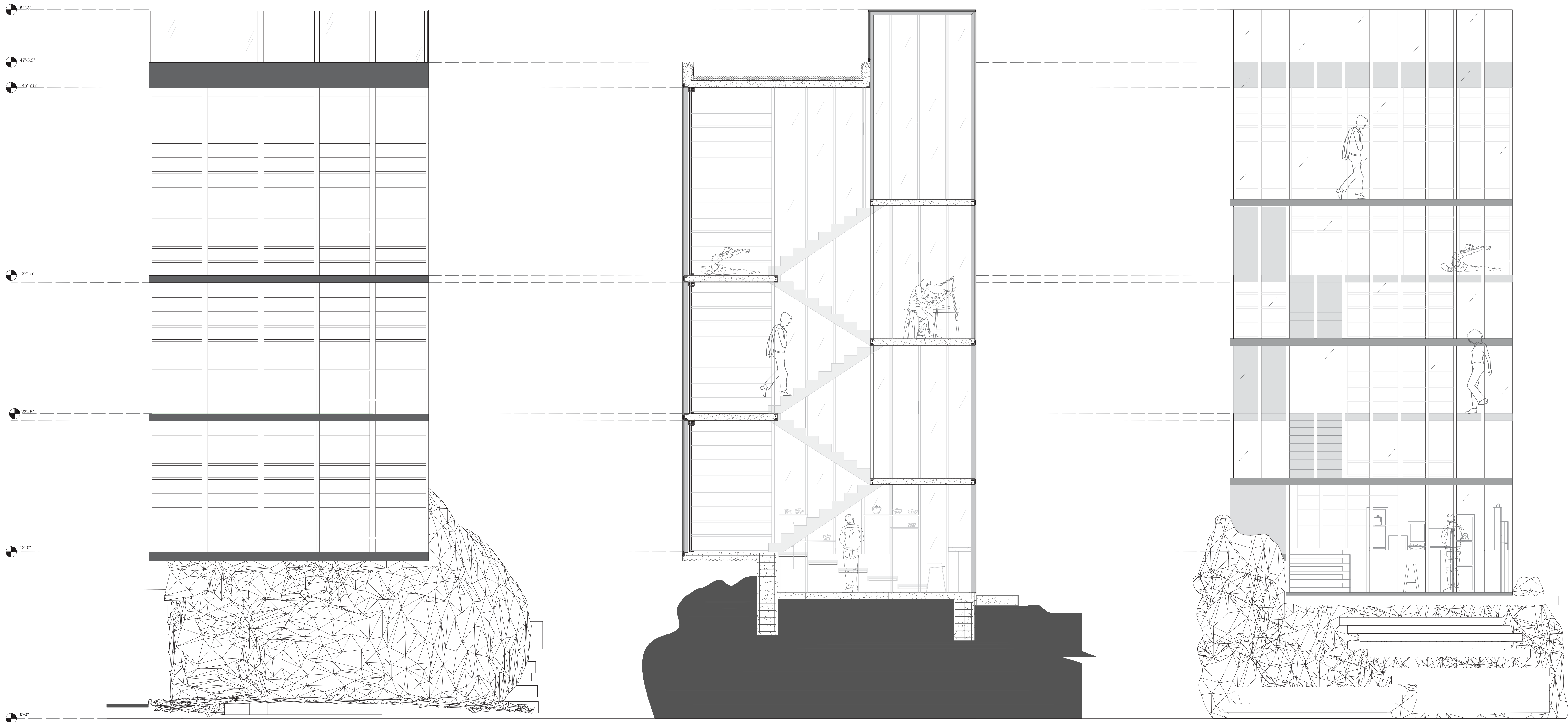
SHOJI SCREEN MOVEMENT DIAGRAM



- 1- VERTICAL WOODEN FRAME
- 2- HORIZONTAL WOODEN STRIPS
- 3- PLEXIGLASS
- 4-CHIRI WARLON SHOJI PAPER
- 5-TRACK

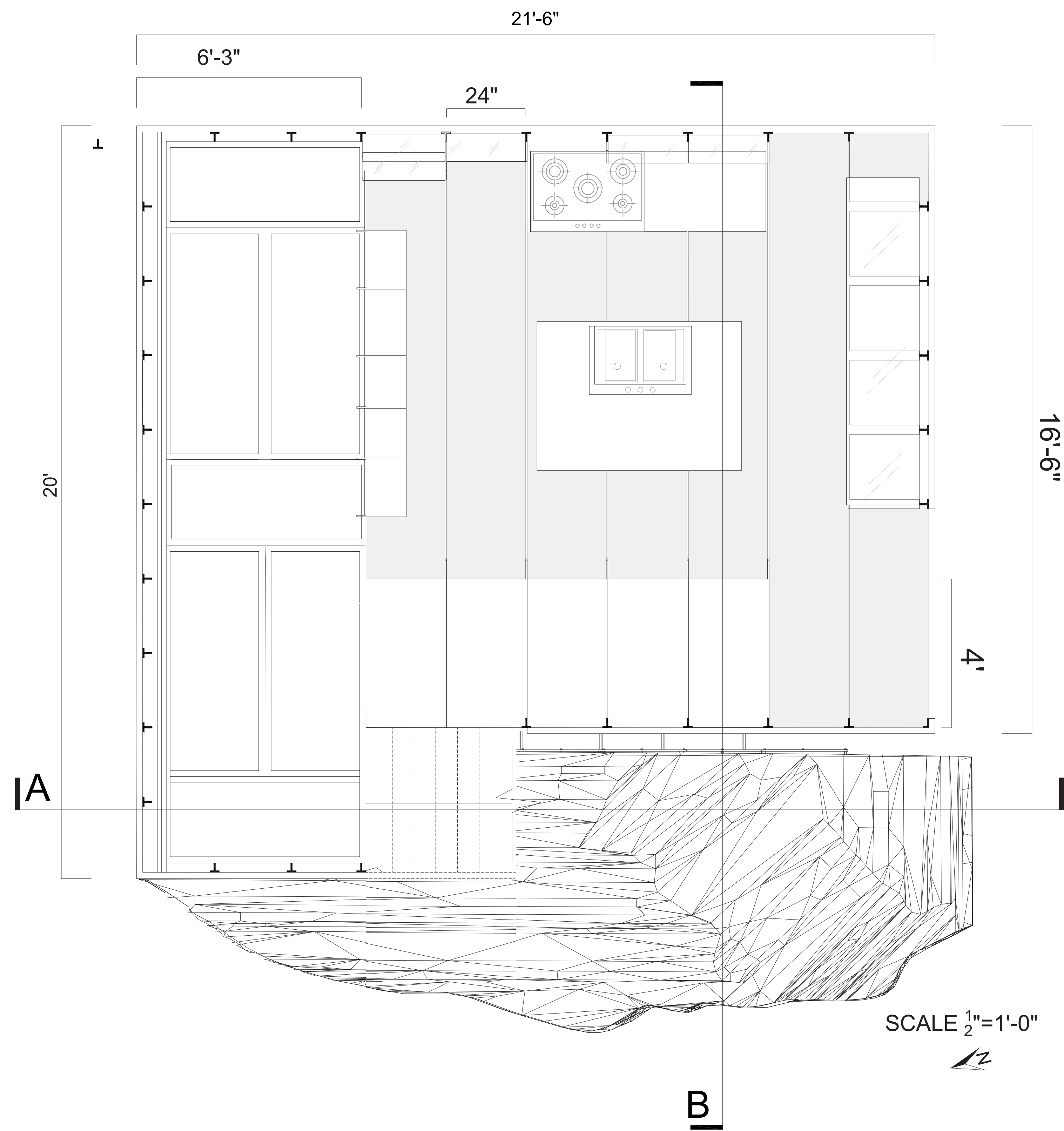


- | | |
|----------------------------|--------------------|
| 1-RAILING POST | 11-GLASS |
| 2-GROUT | 12-GASKET |
| 3-POLYURETHANE COATING | 13-MOLDING SECTION |
| 4-STEP | 14-WET GLAZING |
| 5-ROCK | 15-SETTING BLOCK |
| 6-LONG CONCRETE PAVER | 16- CAP SCREW |
| 7-GLASS BOX (SITTING AREA) | 17-STEEL T-PROFILE |
| 8-CONCRETE PLATFORM | 18-WIRE |
| 9-CONCRETE PAVER | 19-CONCRETE RAMP |
| 10-ANCHOR BOLT | 20-SUPPORTS |

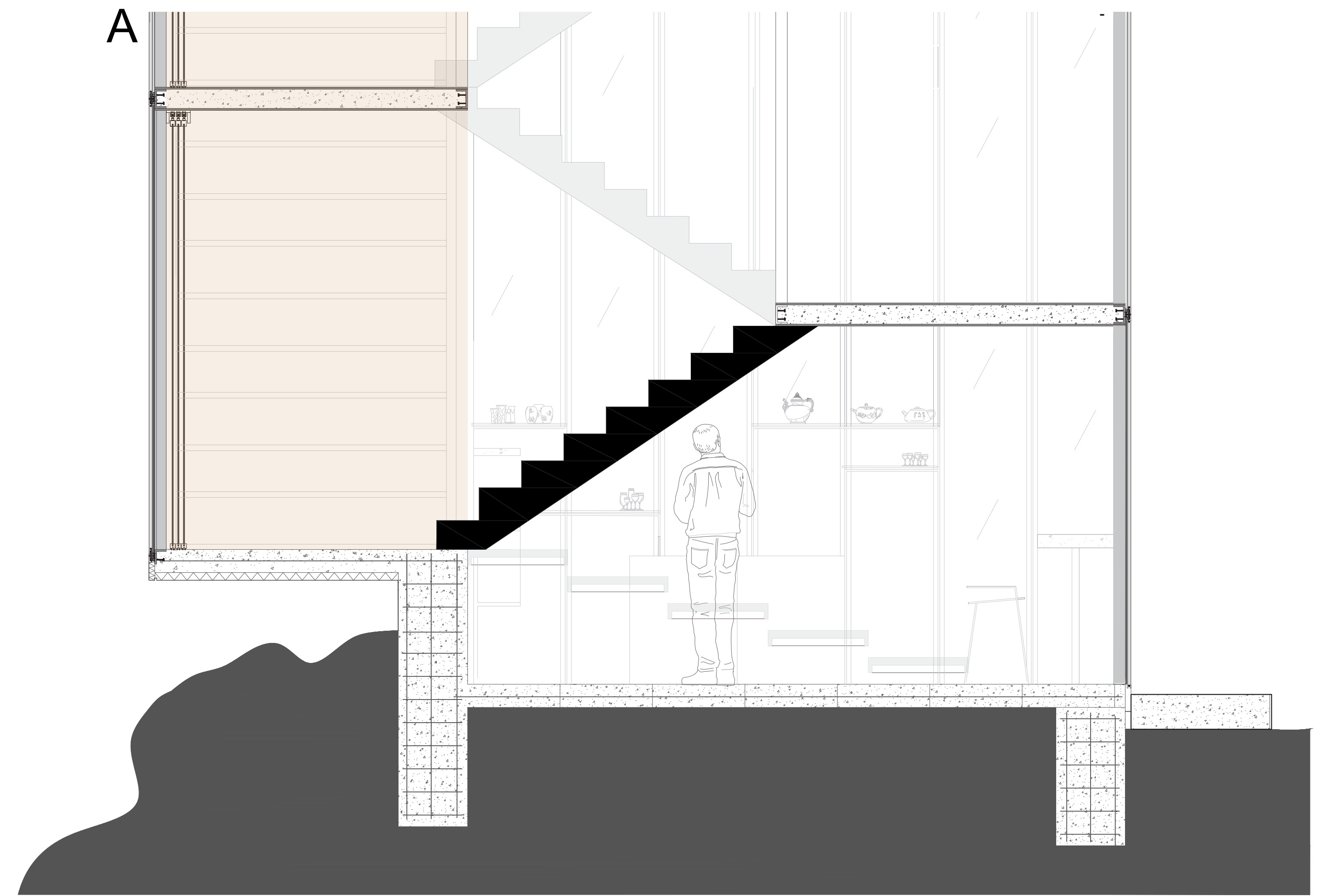


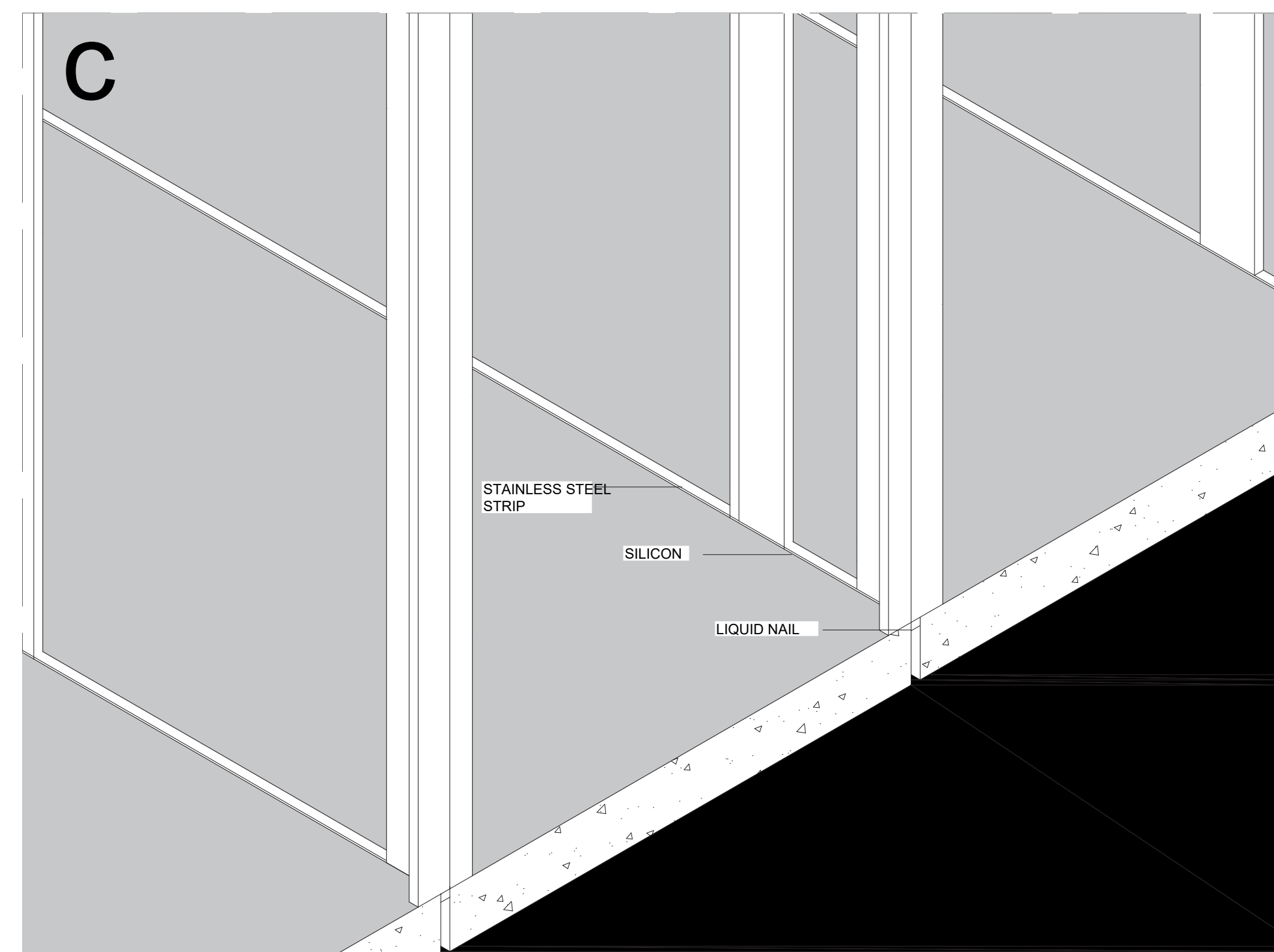
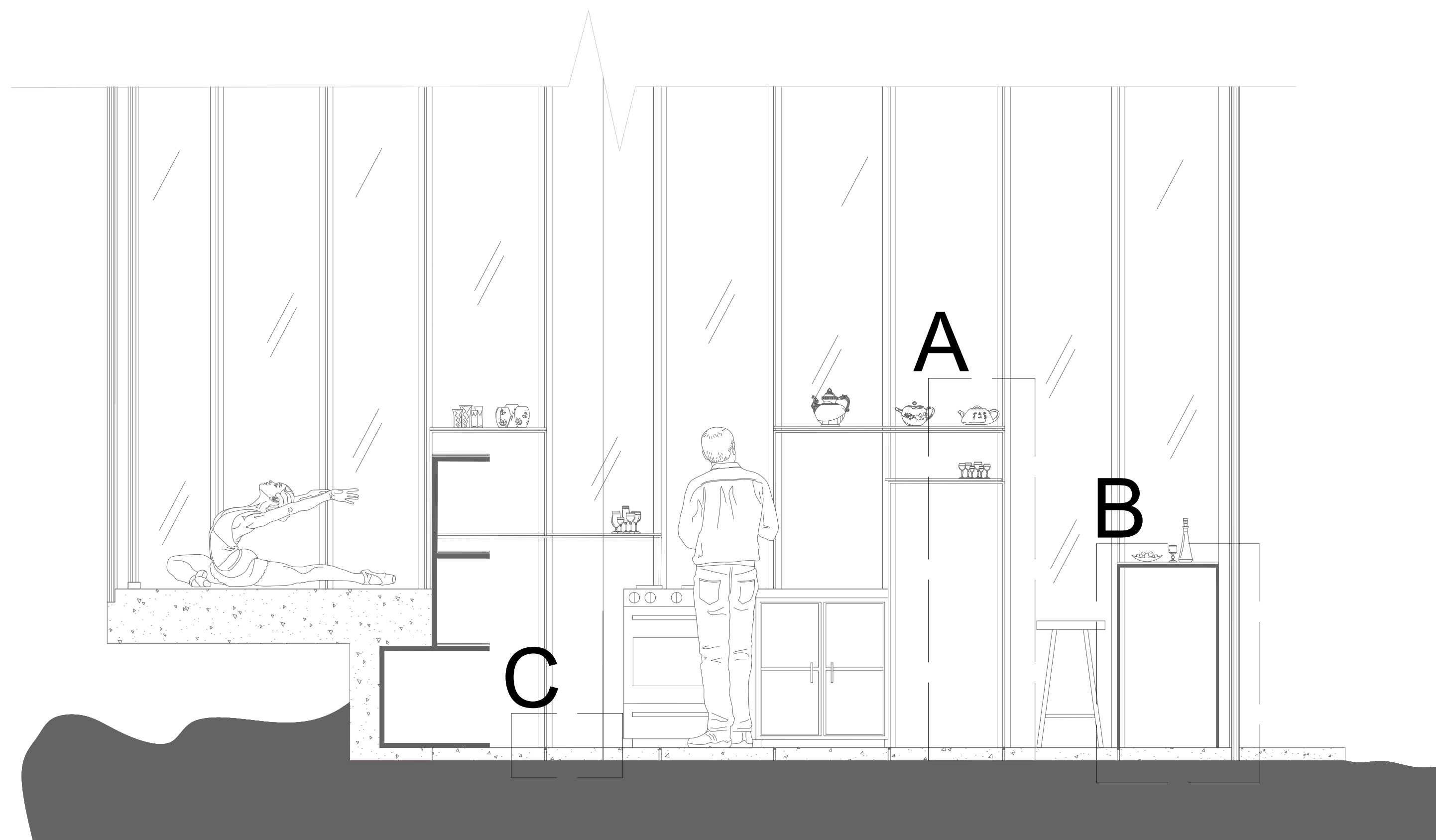
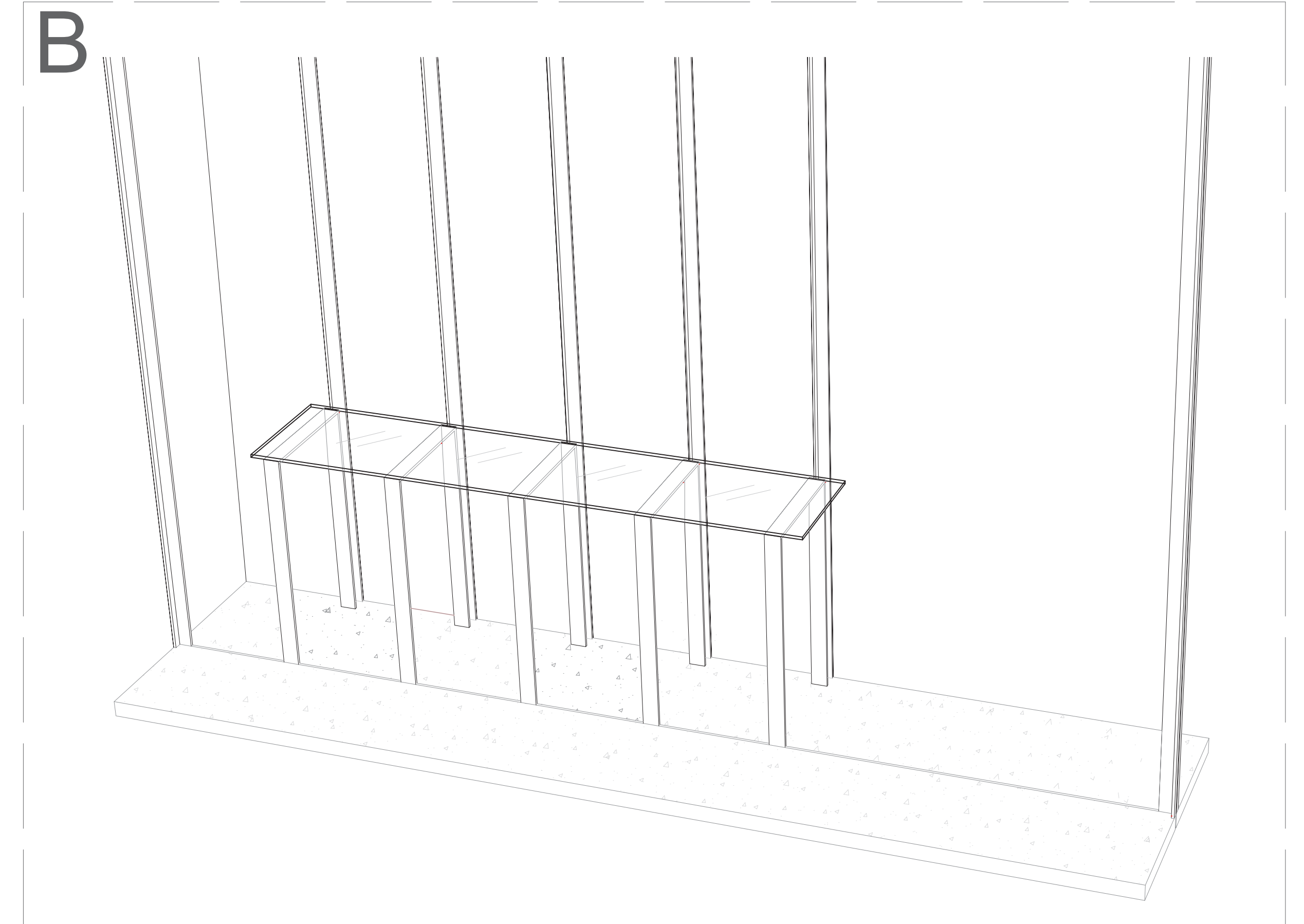
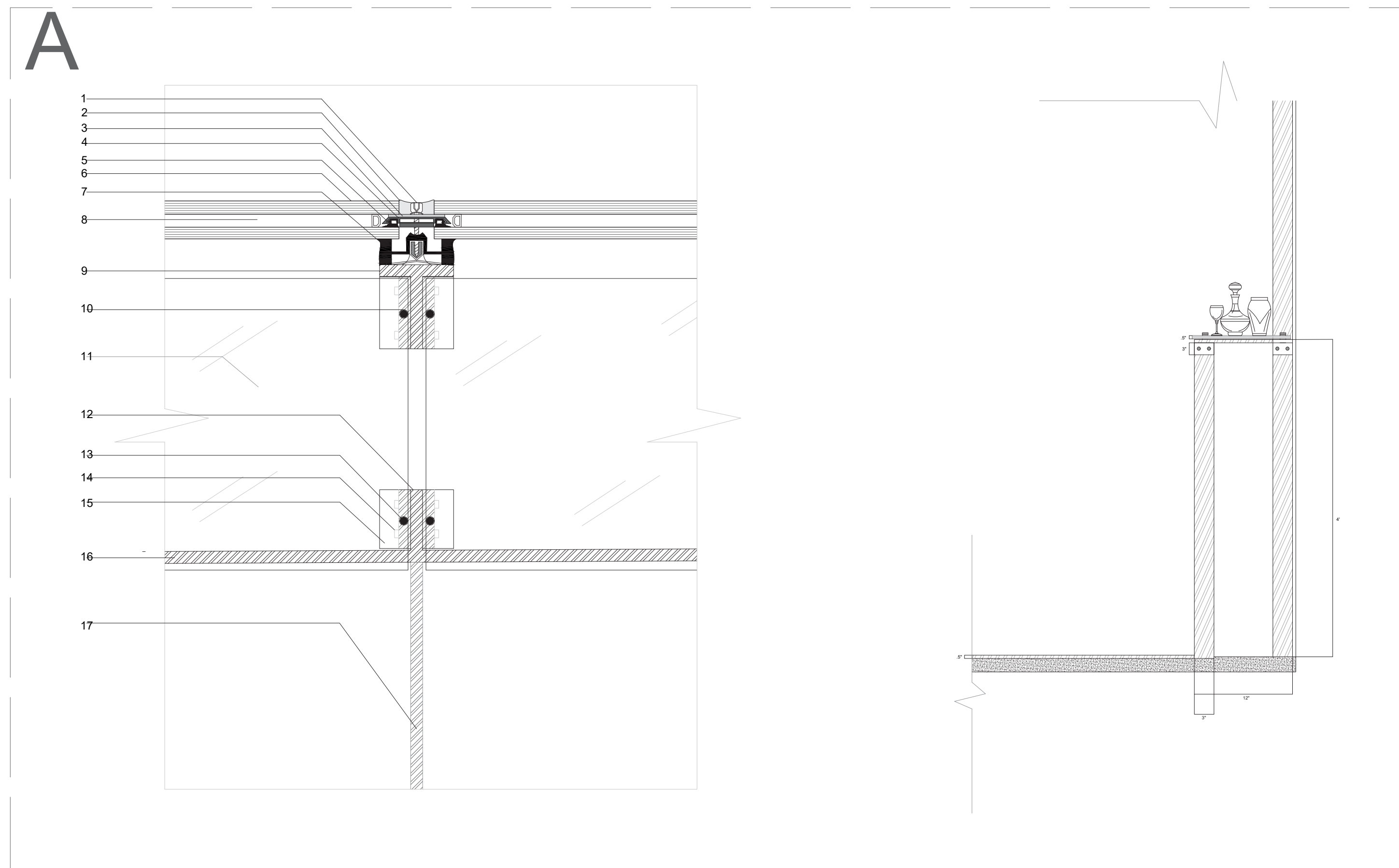
DIFFERENT ZONES OF THE BUILDING



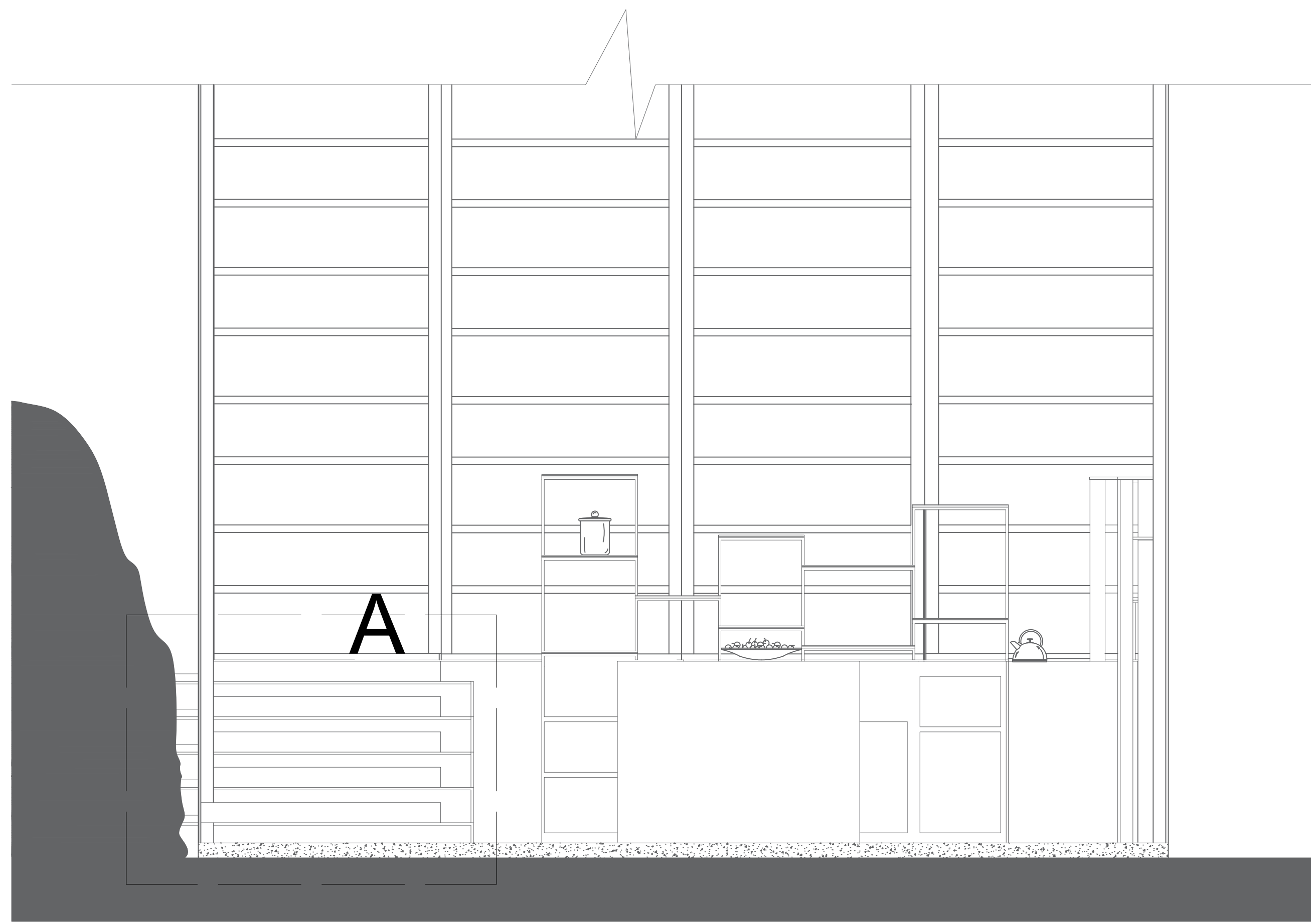
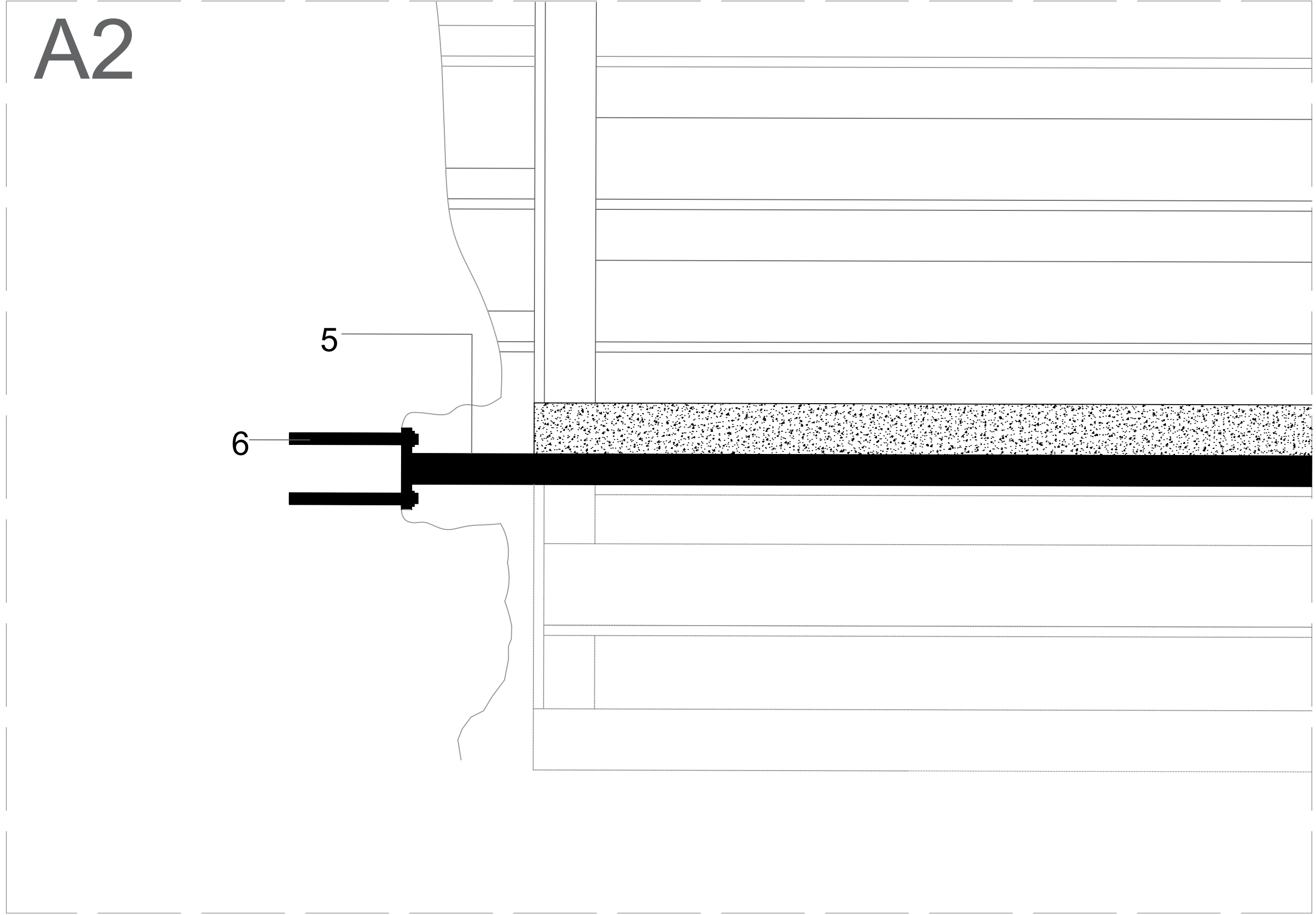
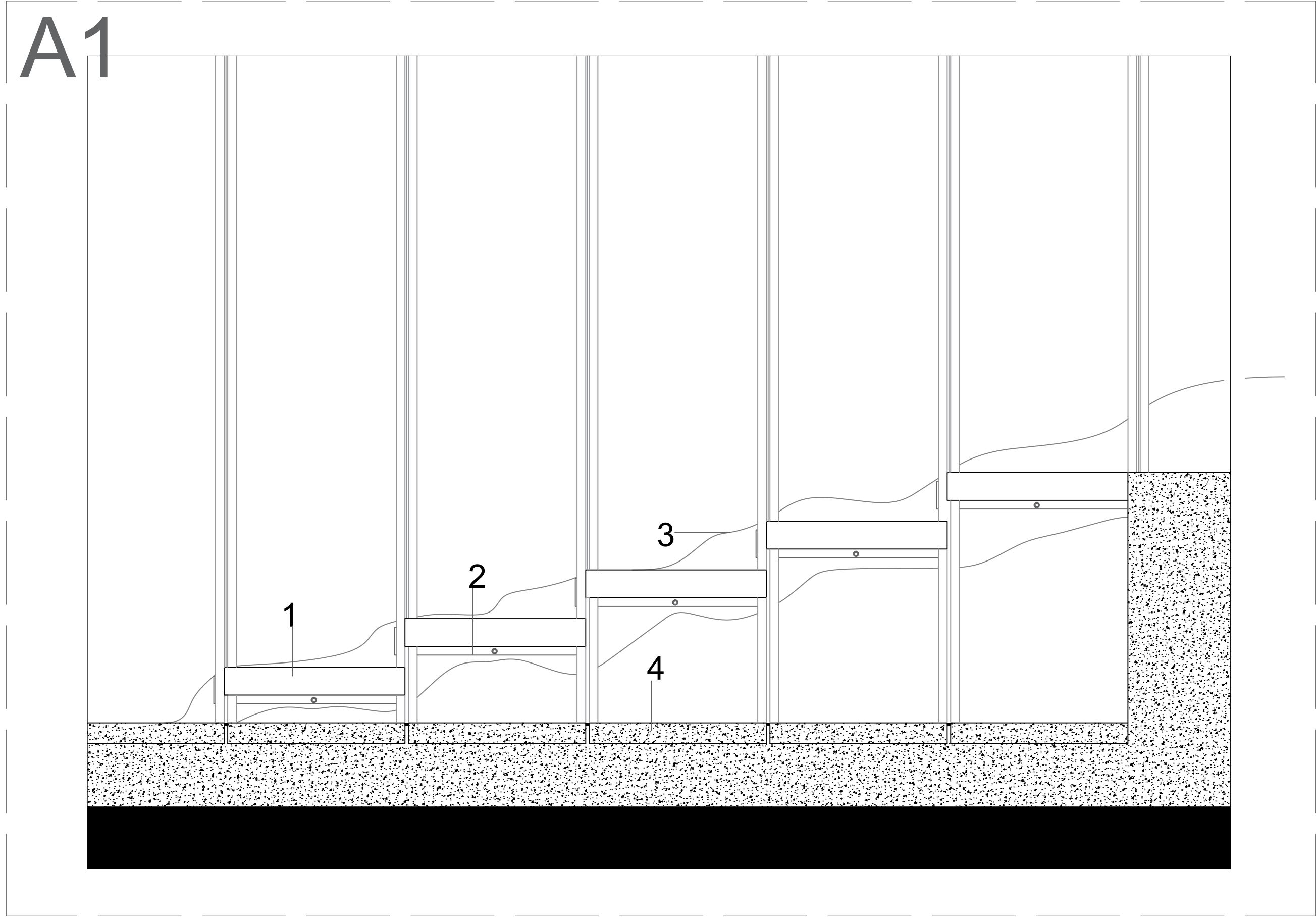


SCALE $\frac{1}{2}'' = 1'-0''$

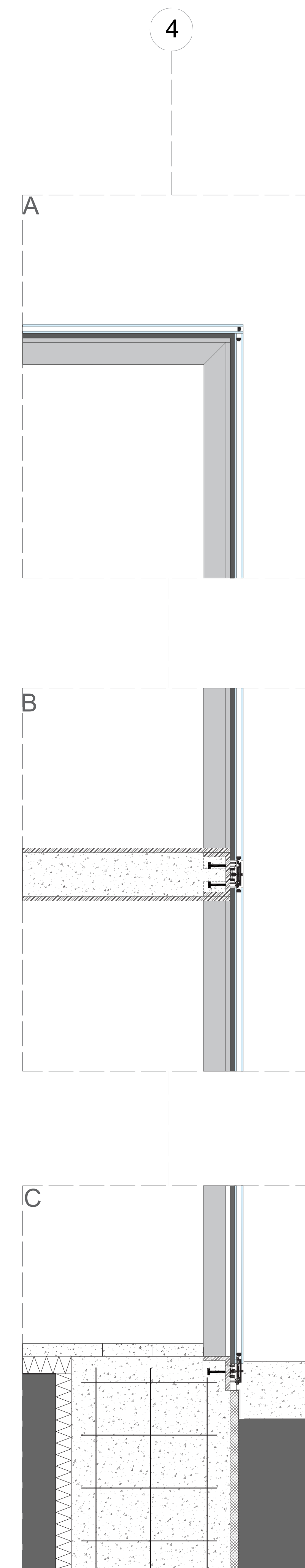
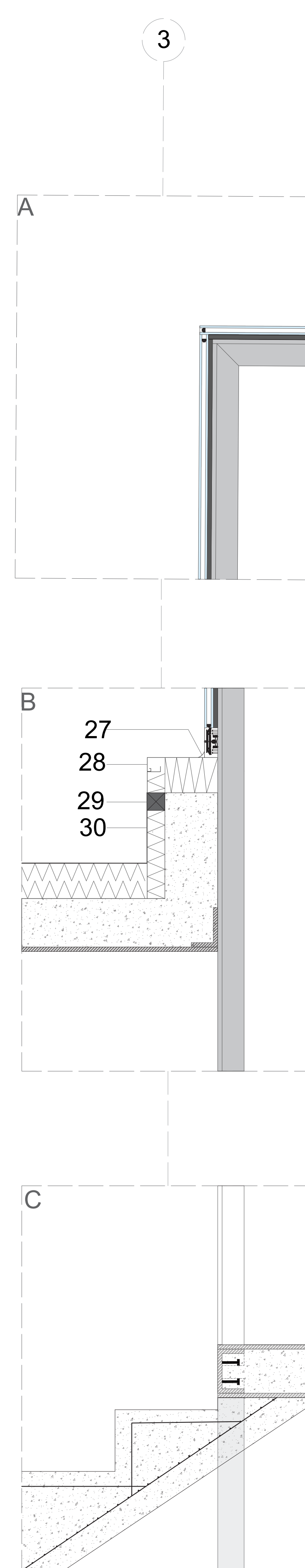
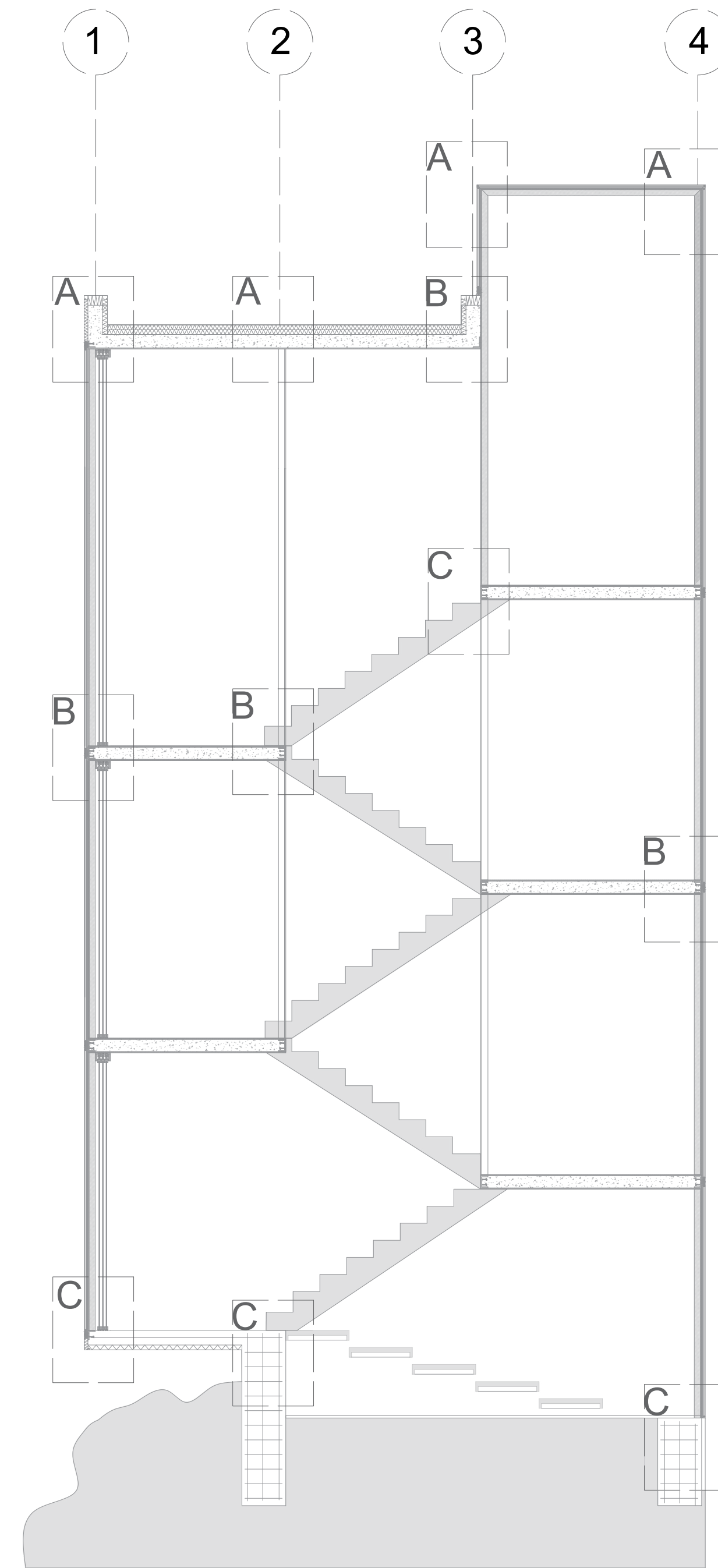
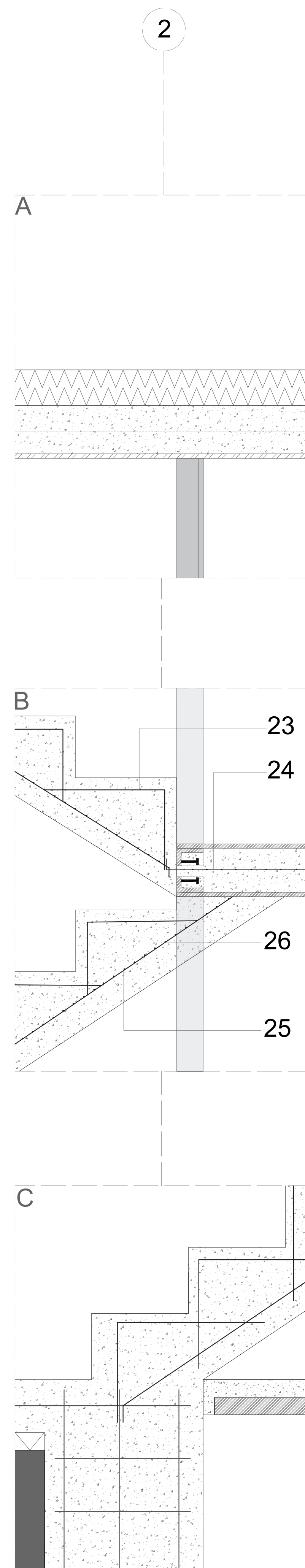
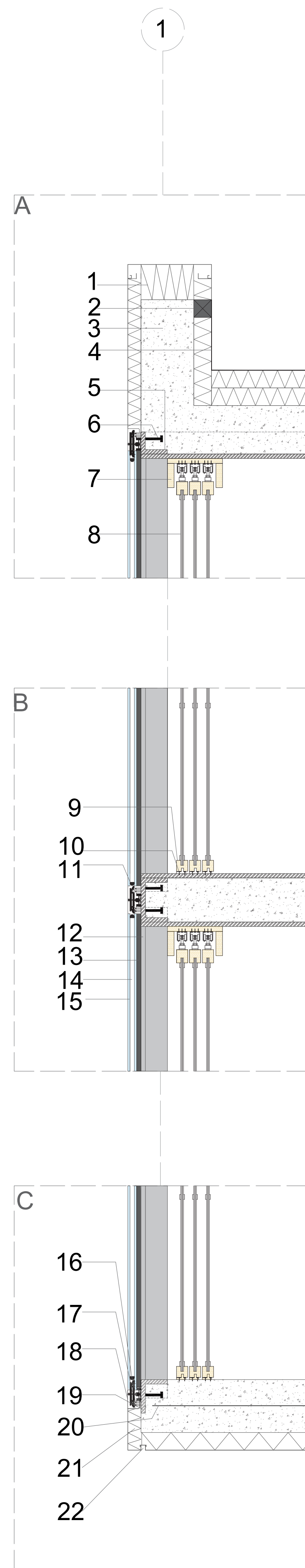




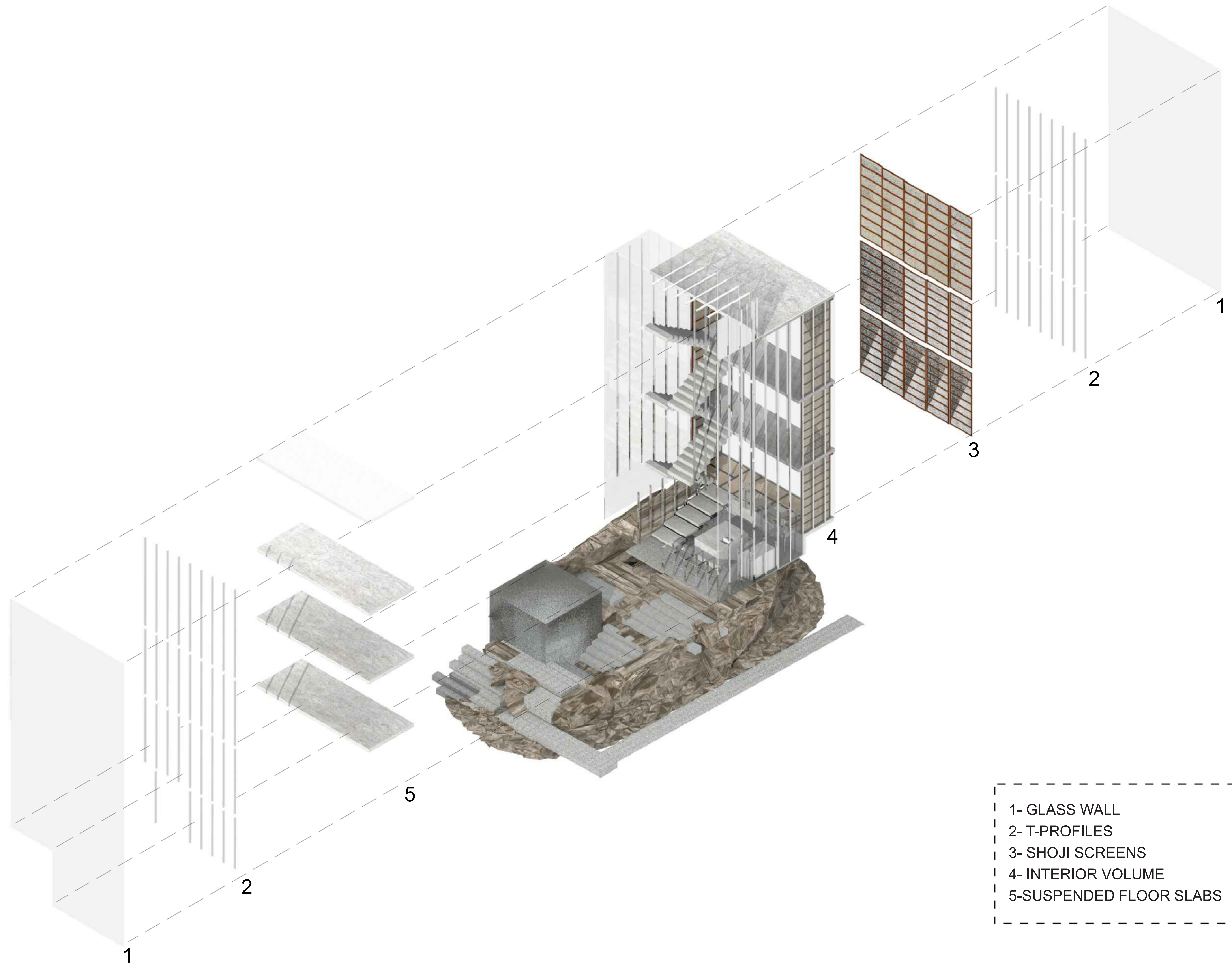
- 1-STAINLESS SCREW
- 2-SILICON
- 3-SEALANT BAR
- 4-PREASSURE BAR
- 5-GLAZING SEALANT
- 6-DOUBLE GLAZED GLASS
- 7-GASKET
- 8-AIR SPACE
- 9-STAINLESS STEEL T-PRO-FILE
- 10-GASKET
- 11-1/2" GLASS
- 12-STEEL PLATE/STRIPS
- 13-NUTS AND BOLTS
- 14-SPLICE PLATE
- 15-1/2" STAINLESS STEEL STRIPS
- 16-1/2" STAINLESS STEEL STRIPS ON FLOOR PAVING



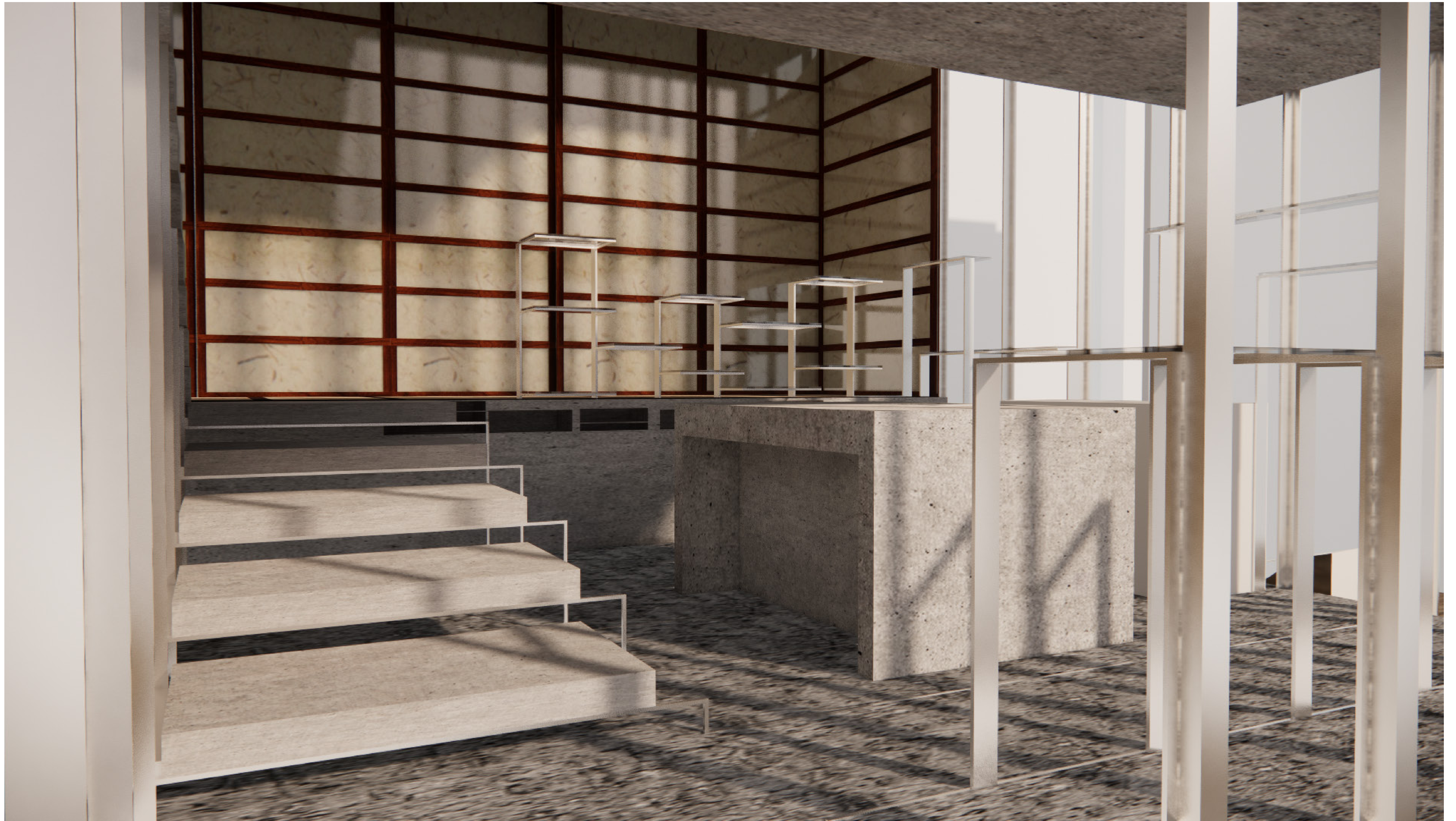
- 1- CONCRETE STEP FINISH
- 2- 4"X28" EXPOSED STEEL PLATE
- 3- ROCK
- 4- CONCRETE PAVER
- 5- WELDED STEEL BAR
- 6- ANCHOR BOLT

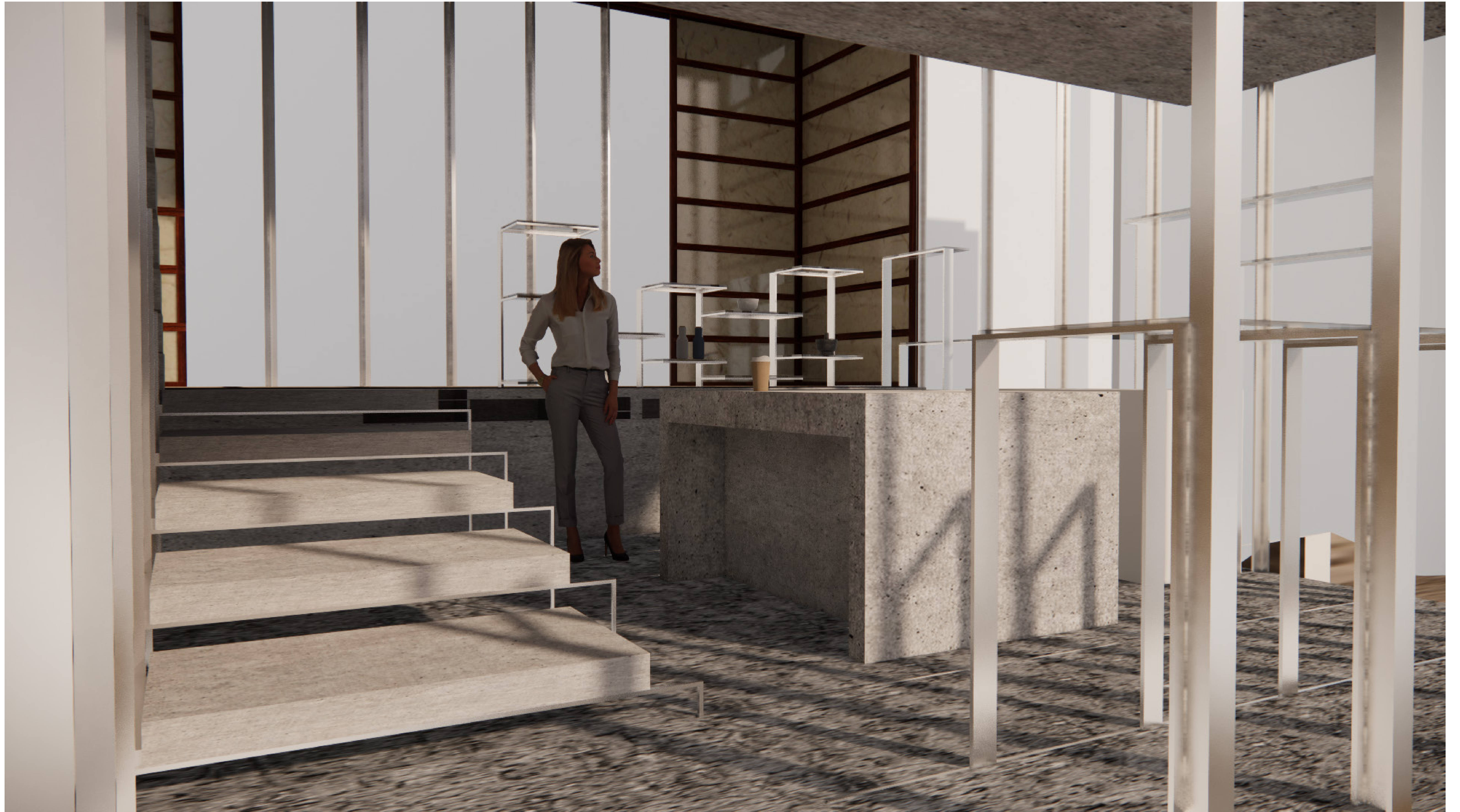


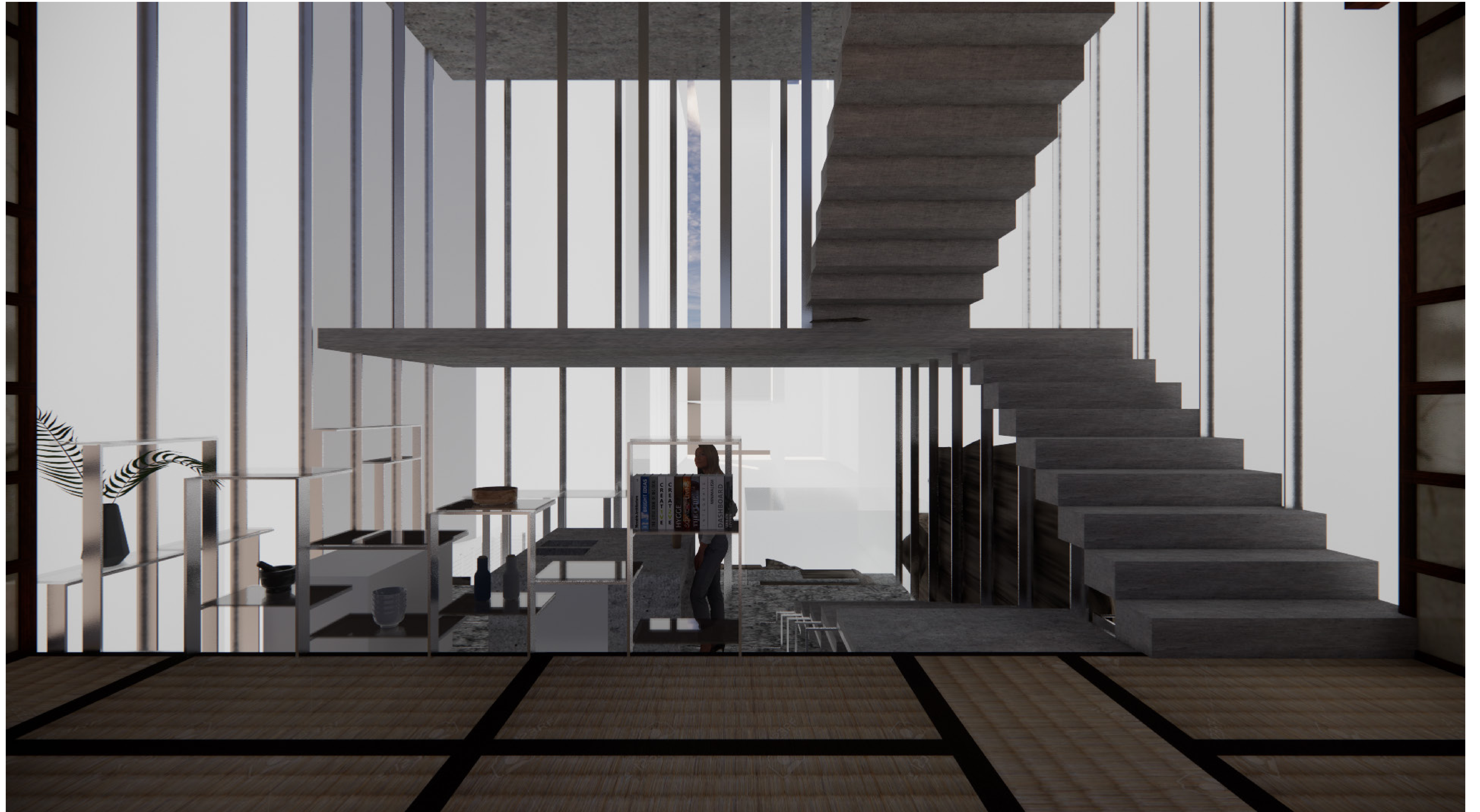
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|--------------------------|--------------------------|--------------------------------|
| 1- INSULATION | 12- T-PROFILE | 23- STEP RAIN-FORCEMENT |
| 2- TIMBER BLOCK | 13- GASKET | 24- FLOOR REIN-FORCEMENT |
| 3- CONCRETE | 14- ARGON GAS | 25- LONGITUDINAL REINFORCEMENT |
| 4- WATERPROOFING | 15- 1/4" LAMINATED GLASS | 26- TRANSVERSE REINFORCEMENT |
| 5- L BAR | 16- SOCKET | 27- SILICON |
| 6- ANCHOR BOLT | 17- PRESSURE | 28- STEEL FLUSHING |
| 7- SHOJI TRACKS (TOP) | 18- SILICON | 29- TIMBER BLOCK |
| 8- SHOJI SCREEN | 19- L BAR | 30- WATER PROOFING |
| 9- SHOJI TRACKS (BOTTOM) | 20- REINFORCEMENT | |
| 10- I BEAM | 21- ISOLATION | |
| 11- AIR SPACE | 22-RAIN SCREEN | |



- 1- GLASS WALL
- 2- T-PROFILES
- 3- SHOJI SCREENS
- 4- INTERIOR VOLUME
- 5- SUSPENDED FLOOR SLABS







AFTER CRIT PROPOSAL:
COLUMN ADDED TO SUPPORT THE
NORTHERN SIDE OF THE BUILDING

