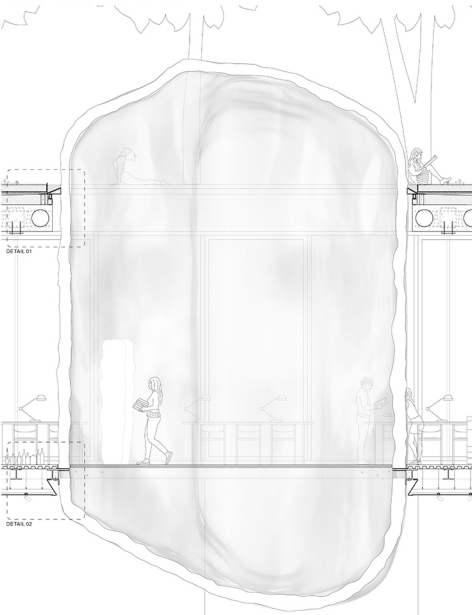
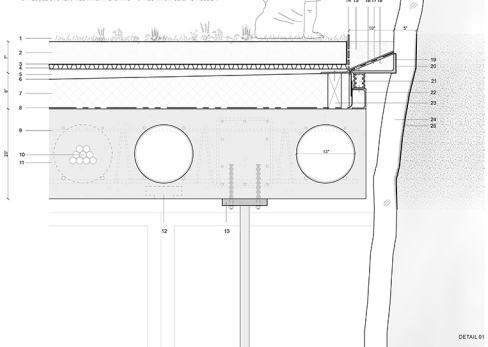


THE PROJECT IS AN UNDERGROUND SPACE DIVIDED INTO TWO STORIES, ONE FOR AN OFFICE AND THE OTHER ONE FOR AN ART GALLERY. IMBEDDED WITH SEVERAL TRANSPARENT LIGHTING DEVICES MADE BY THICK CAST GLASS THAT BRING LIGHT DOWN TO THE GALLERY. OUR FOCUS FOR THIS COURSE IS TO DETAIL THE TWO PARTS OF THE BUILDING WHERE THE ROOF AND THE OFFICE SLAB MEET THE GLASS.

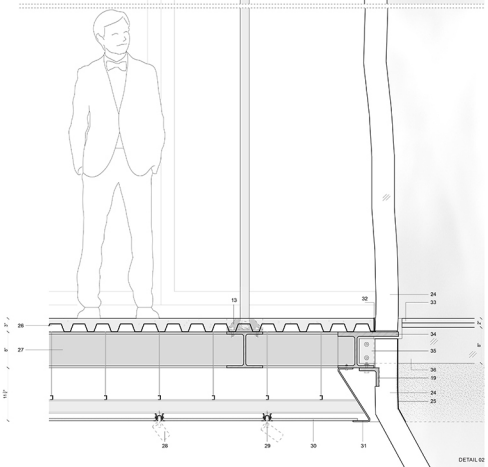
THE STRUCTURAL CONCEPT IS TO MAKE THE ROOF STRONG ENOUGH TO BE SUPPORTED ONLY BY WALLS ON ITS EDGES AND THE OFFICE SLAB WILL BE HUNG BELOW IT WITH STEEL CABLES. THE GLASS VOLUME WILL THEN BE DIVIDED INTO TWO PARTS, ONE SITTING ON AND ONE BEING HUNG FROM THE OFFICE SLAB.



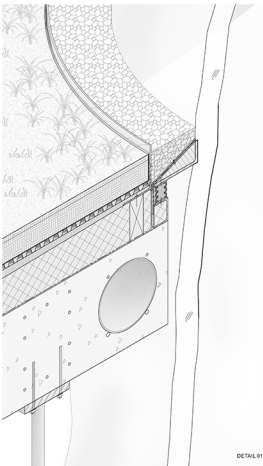
- 01 LIGHT VEGETATION
- 02 SOIL
- 03 FILTER FABRIC
- 04 DRAINAGE LAYER
- 05 WATER RETENTION LAYER
- 06 ROOF BARRIER
- 07 THERMO INSULATION
- 08 WATER & VAPOR BARRIER
- 09 STEEL REINFORCEMENT
- 10 VOID REMOVED TO BUNDLE CONDUIT
- 11 CONCRETE BUBBLE DECK
- 12 PRECAST FLALED ELECTRICAL BOX
- 13 PENDENT STEEL STRUCTURE
- 14 ALUMINUM RETENTION TRIM
- 15 PEBBLE STONE 16 ALUMINUM FLASHING
- 17 WATER & VAPOR BARRIER
- 18 CANT STRIP
- 19 ALUMINUM ANGLE
- 20 ADHESIVE BOND
- 21 EXPANSION JOINT (BISSEAL)
- 22 STEEL CHANNEL
- 23 WOOD ALCOHOL
- 24 CAST ACRYLIC
- 25 CEMENT FRY
- 26 METAL DECK WITH POLISHED CONCRETE FLOOR
- 27 STEEL BEAM
- 28 LIGHT
- 29 RECESSED LIGHT TRACK
- 30 MINERAL FIBER ACoustic TILES
- 31 ALUMINUM CEILING HOLDER
- 32 STEEL RETENTION TRIM
- 33 LAMINATED GLASS FLOOR
- 34 CUSTOM STEEL BEAM WITH WELDED TOP
- 35 STEEL STIFFENER
- 36 GLASS BEAM



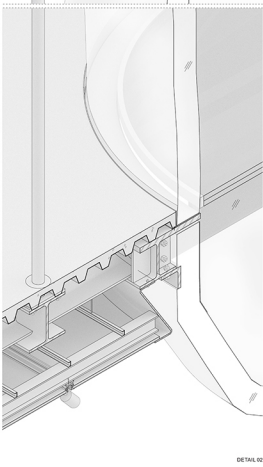
DETAIL 01



DETAIL 02



DETAIL 03



DETAIL 04