



01 Bill and Melinda Gates Foundation **Problem & Strategy**

Through analysing the foundation's primary goals, Inclusion, Equity, and Diversity, we tried to use light as an asset to represent the type and the vastness of activities they do worldwide. We also identifed the user groups and functions of the space to design the lighting according to appropriate scenarios.

Multifunctional Hall Scenes Definition



Custom Furniture

We designed a set of movable custom configurations. It includes slightly curved rectangular and circular seats and trapezius tables made of recyclable materials to

Furniture Plans

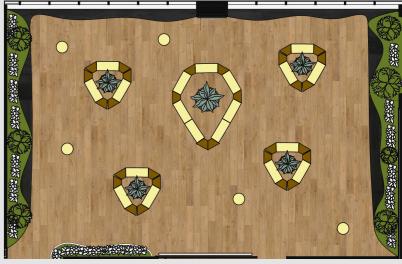
piece would be placed to set the focal points and accent lighting so that we could design the lighting scenes accordingly. Although the custom furniture is modular and can be configured





Event Hall Plan Layout

Waiting Room Plan Layout



Lecture Hall Plan Layout

Lighting Design Concept GLOBAL INCLUSION

We chose the world map as a metaphor for the foundation's global attitude that includes everyone, regardless of age, gender, race, and nationality. It is also an allusion to historical trends that have not been equitable, and a big part of the planet has been neglected in sociopolitical decisions and events.



Step 02

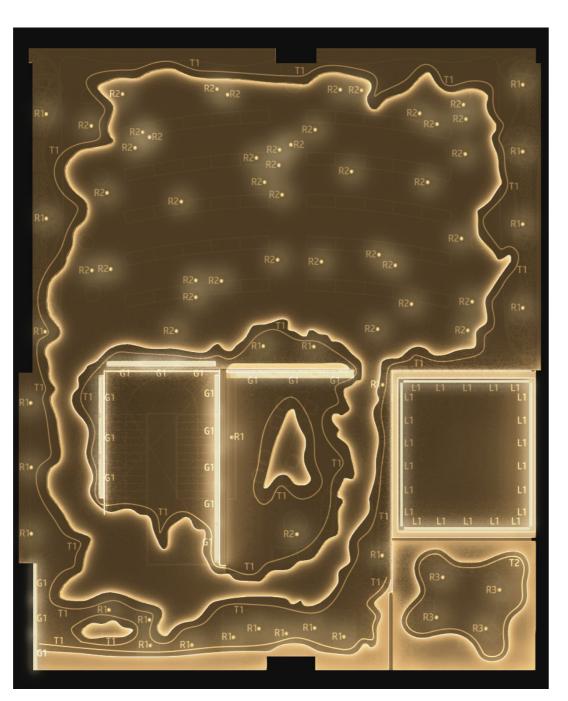
We simplified the continental coastlines and extracted and connected lines to form the ceiling coves all around the office; seemingly, we created a new world map, a more inclusive one! This dynamic continuous form changes with every step the user of the space takes.







Considering each scenario's lighting scheme, furniture configuration, and focal points, we placed the recessed downlights. Accumulatively, they form a starry night as one of the most equitable natural phenomena.



RCP Diagram

Ceiling Cove Detail Mockup







Prototype 1

The ceiling cove lights exactly follow the path of the continental lines. This method takes too much tape light and tremendously scatters the light.



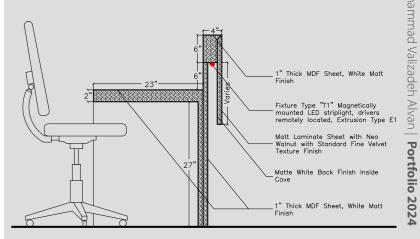
The ceiling cove lights are formed based on a straight line. This method takes less tape light, but the light is distributed unevenly when the shape fluctuates.



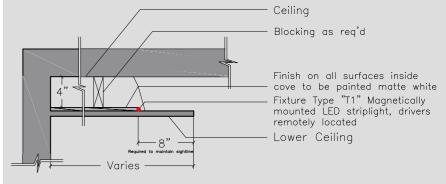


Prototype 3

This method is the middle ground between the last two; the cove shape slightly follows the coastal lines. Now, we have less scattered and better-distributed light, and the average use of tape light, is economically and visually more optimum. Also, the installation and assembly are easier than P. 1.

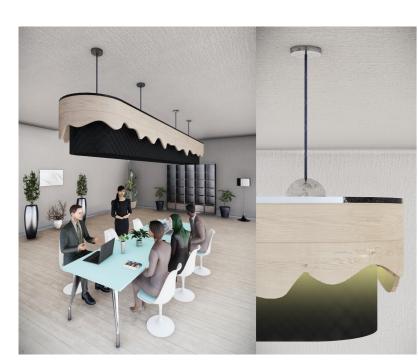


2/T1 Lighting Detail at Reception Counter Cove Similar with Culture Room (Bar) Counter





Custom Light Fixture for Office Spaces



• Based on the coastline form of the interior surfaces, we designed a custom light fixture mainly for task lighting above the main office and meeting room desks. It consists of side glowing tape lights and LED downlights. All the materials are recyclable. The black part is acoustic fabric.





