

THE
VIRGINIA ADVANCED
SHIPBUILDING AND
CARRIER
INTEGRATION
CENTER



BUILDING INFORMATION

DESIGN CONCEPTS

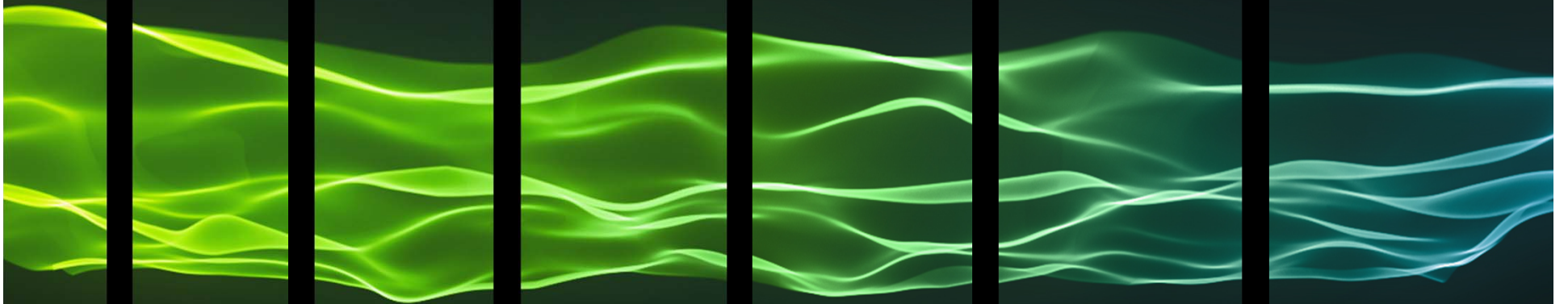
INTRODUCTION OF SPACES

MULTI-PURPOSE | AUDITORIUM

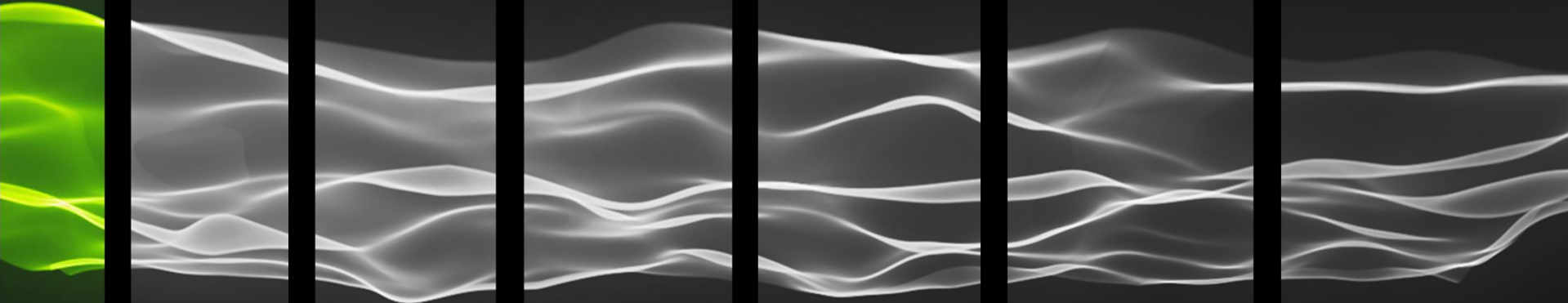
WORK SPACE | OPEN OFFICE

CIRCULATION | LOBBY/ATRIUM

EXTERIOR | GATHERING SPACE



BUILDING INFORMATION



ARIAL VIEW



100 feet 25 m



BUILDING STATISTICS

LOCATION: NEWPORT NEWS, VIRGINIA ALONG THE JAMES RIVER

OWNER: NORTHROP GRUMMAN, NN (NEWPORT NEWS SHIPBUILDING

OCCUPANT: RESEARCH, OFFICE, SHIPBUILDING

SIZE: 7 STORY OFFICE BUILDING – 115,000 SF
3 STORY LABORATORY WING – 125,000 SF
TOTAL: 240,000 SF

DESIGN TEAM

A/E: CLARK NEXSEN ARCHITECTURE AND ENGINEERING

PURPOSE

- ENHANCE AND PROMOTE THE QUALITY AND COMPETITIVENESS OF VIRGINIA'S SHIPBUILDING INDUSTRY
- PROVIDE GROUND FOR ADVANCED SHIPBUILDING AND OPERATION TECHNOLOGIES BEFORE INTRODUCING TO SHIPS
- *NIMITZ* -AND- *FORD* CLASS NUCLEAR-POWERED AIRCRAFT CARRIERS
- *VIRGINIA*-CLASS ATTACK SUBMARINES
- SURFACE COMBATANCE, AMPHIBIOUS ASSAULT SHIPS
- U.S COAST GUARD NATIONAL SECURITY CUTTERS AND FLEET/MAINTENANCE SUPPORT



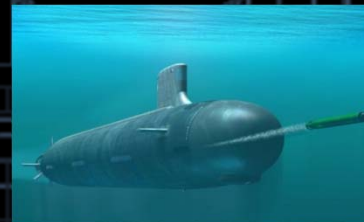
CVN-69 USS DWIGHT D.
EISENHOWER



CVN-68 USS NIMITZ



CVN-78 USS GERALD R.
FORD

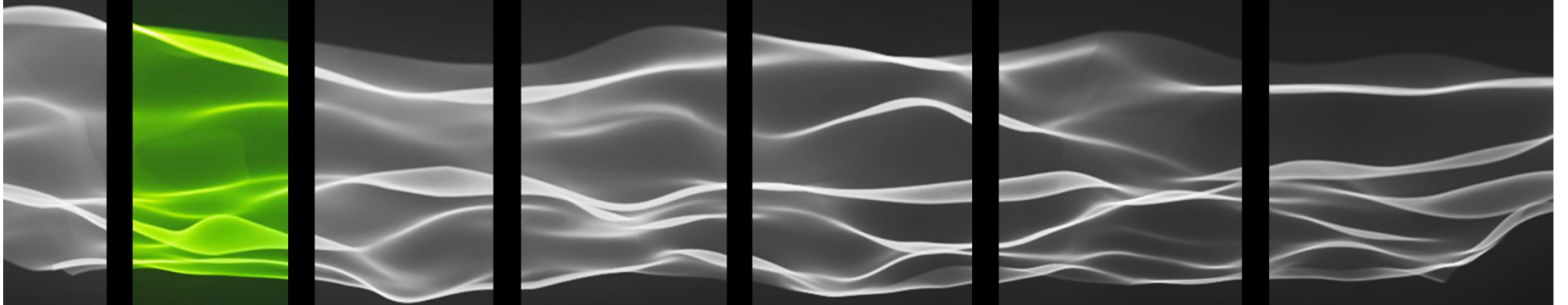


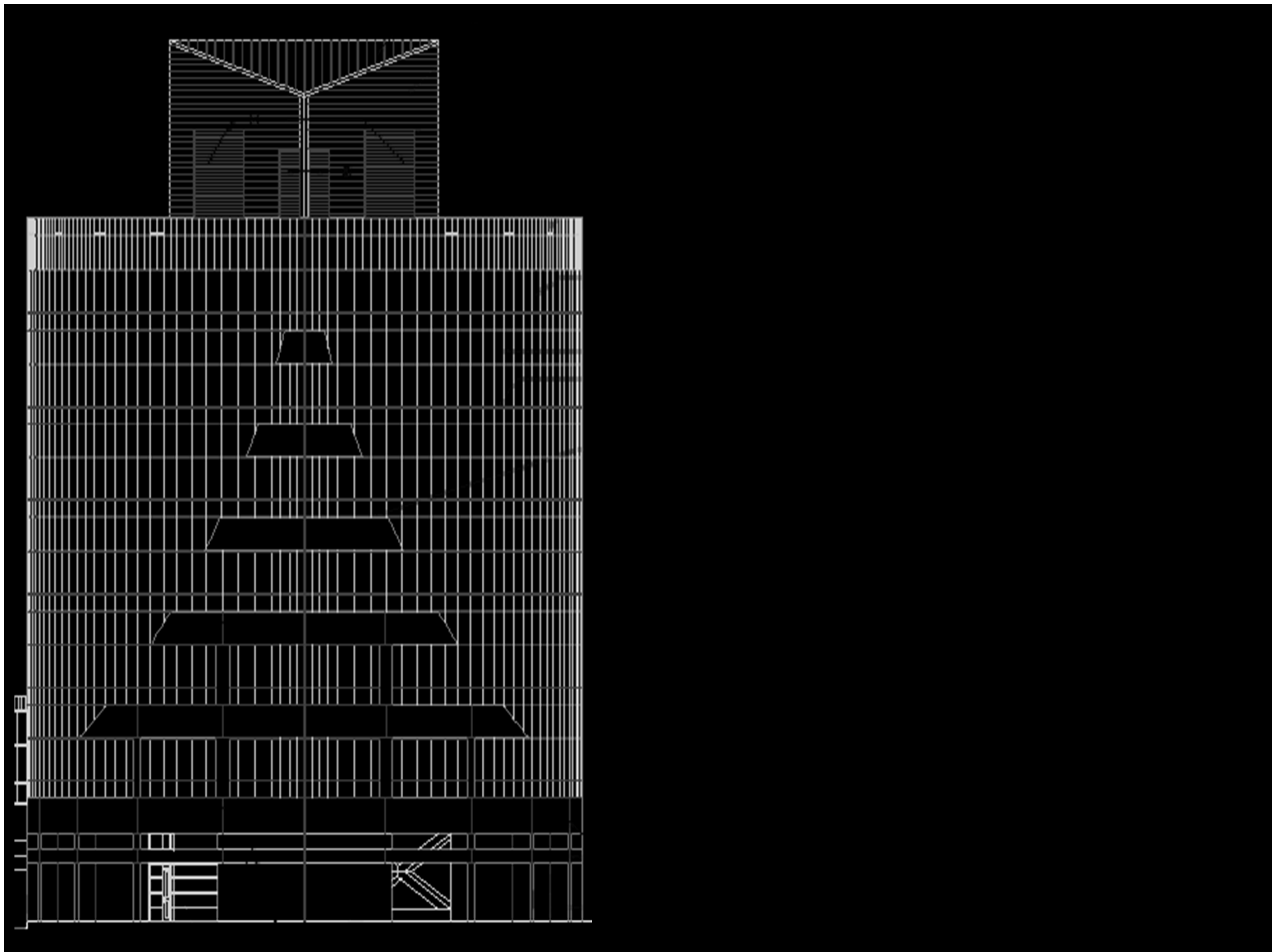
VSN VIRGINIA-CLASS ATTACK
SUBMARINE

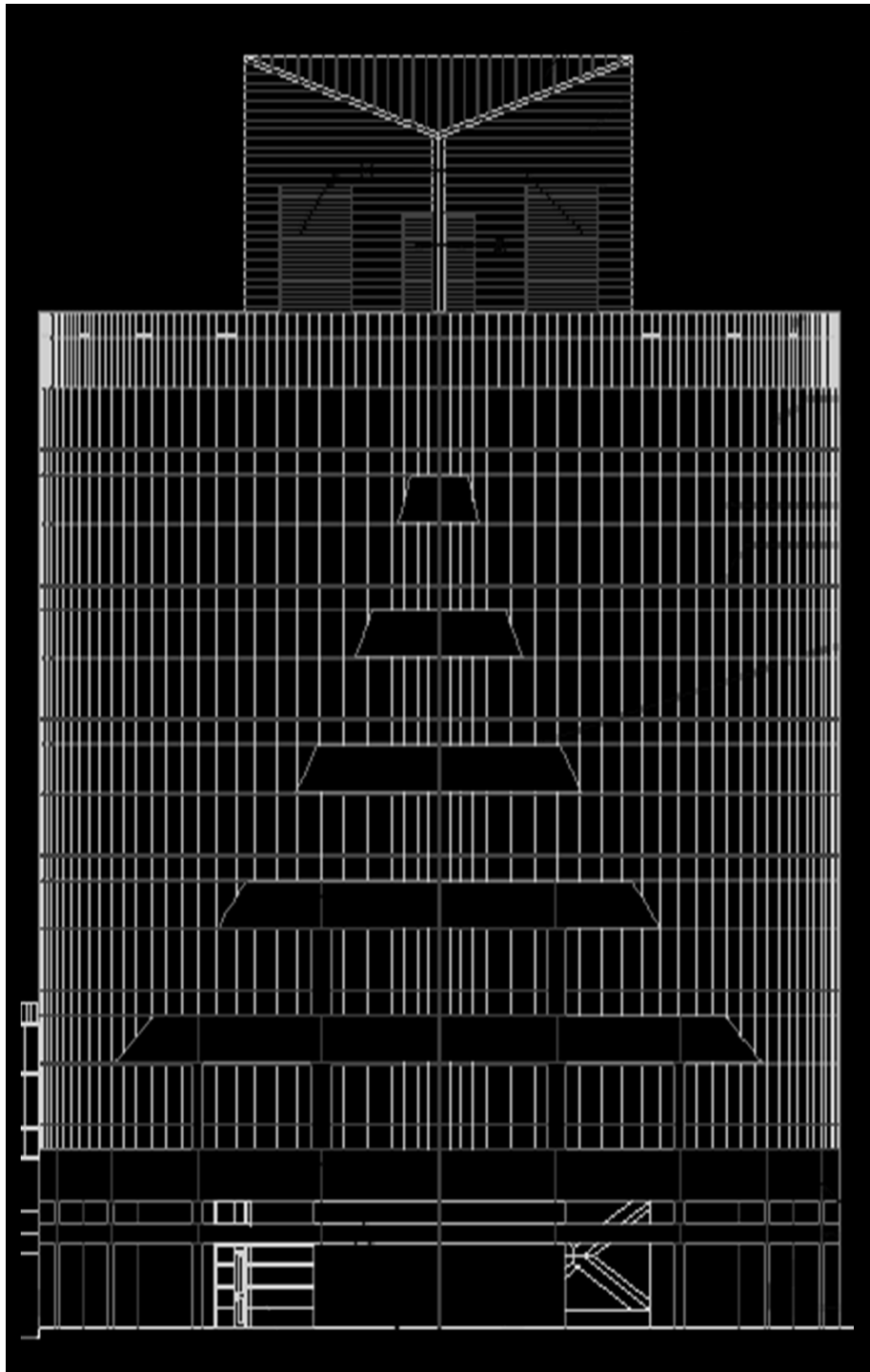


USS ESSEX ASSAULT SHIP

DESIGN CONCEPTS







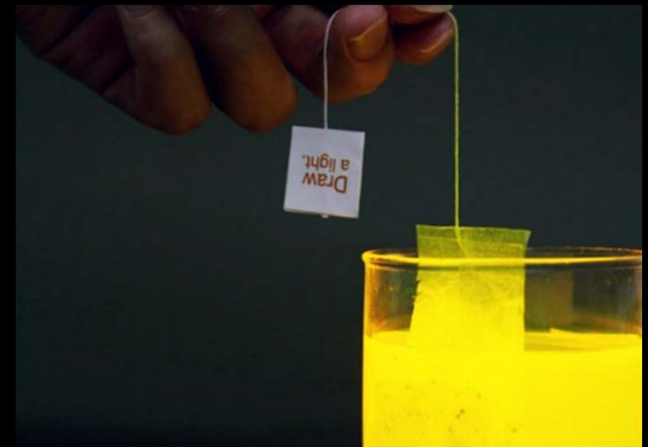


LIQUID

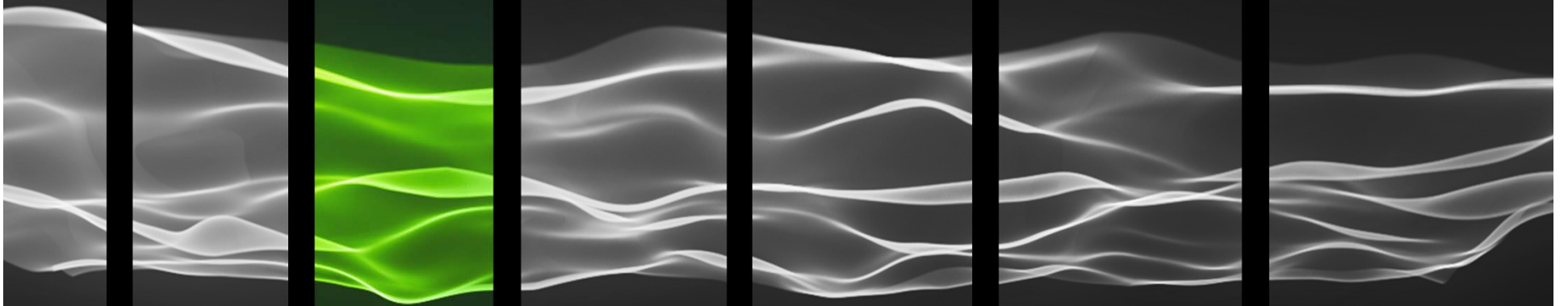
Free Flowing

Dy**N**amIc

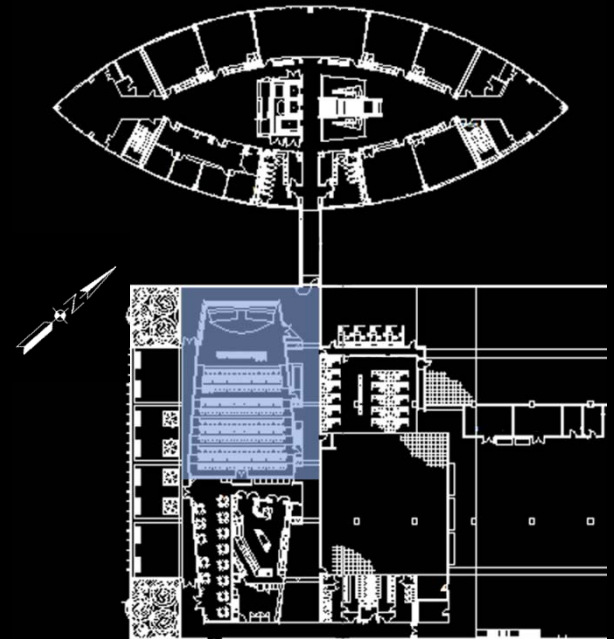
Fluid



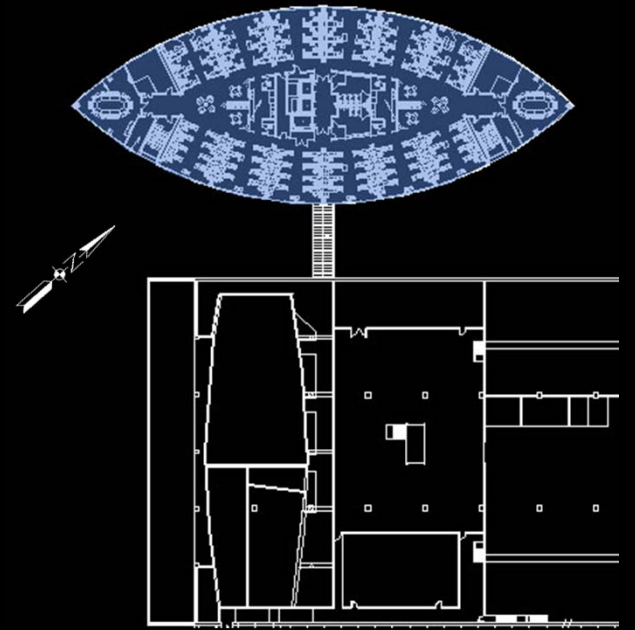
INTRODUCTION OF SPACES



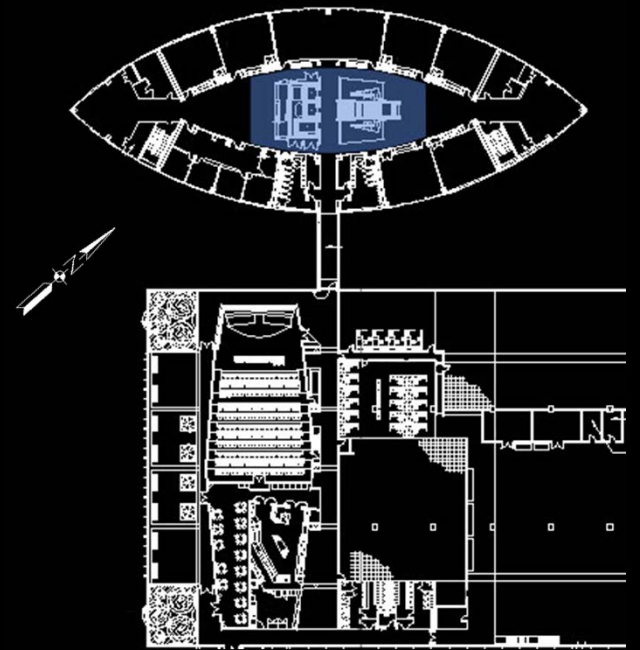
MULTI-PURPOSE | AUDITORIUM



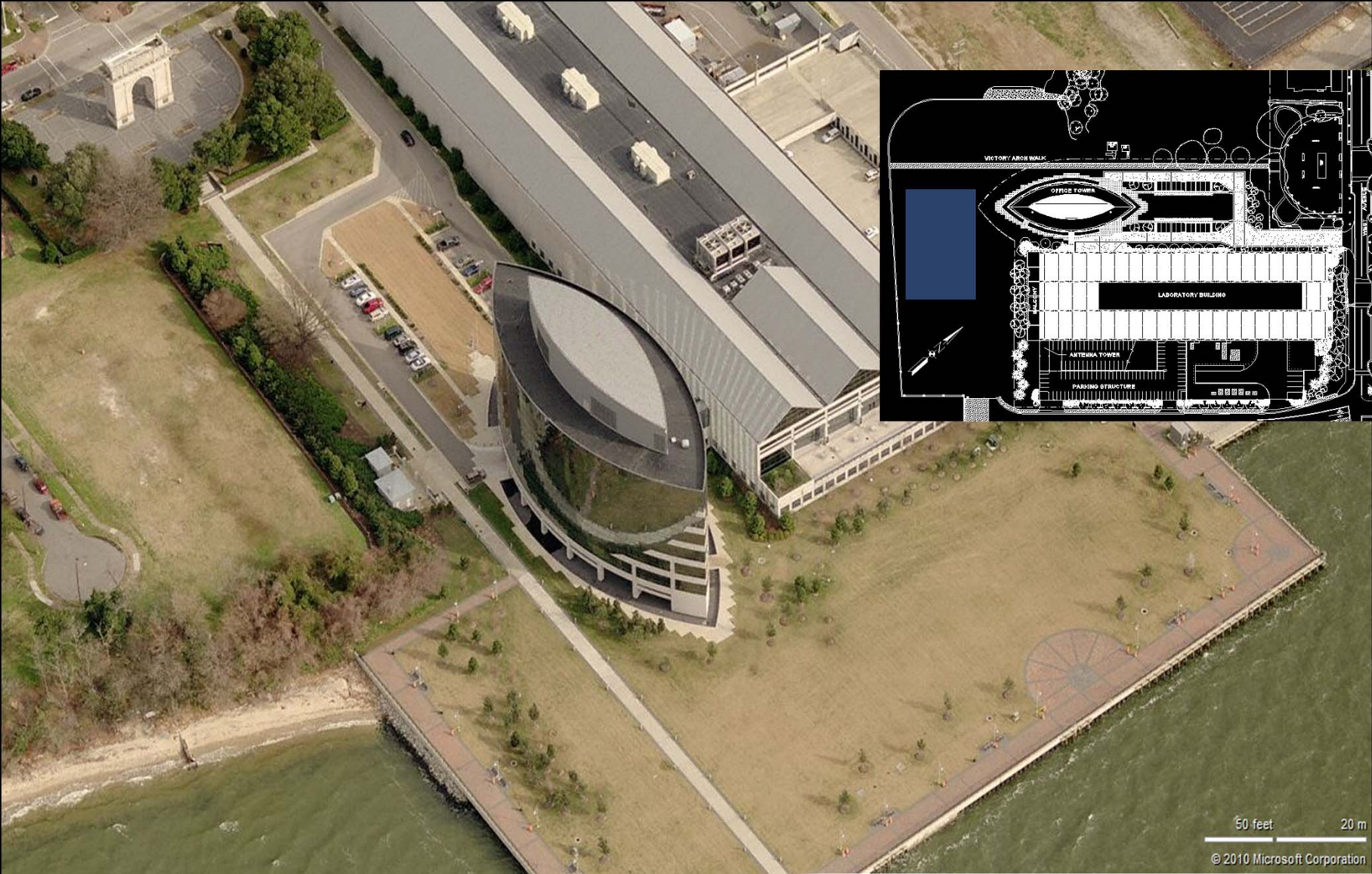
WORK SPACE | OPEN OFFICE

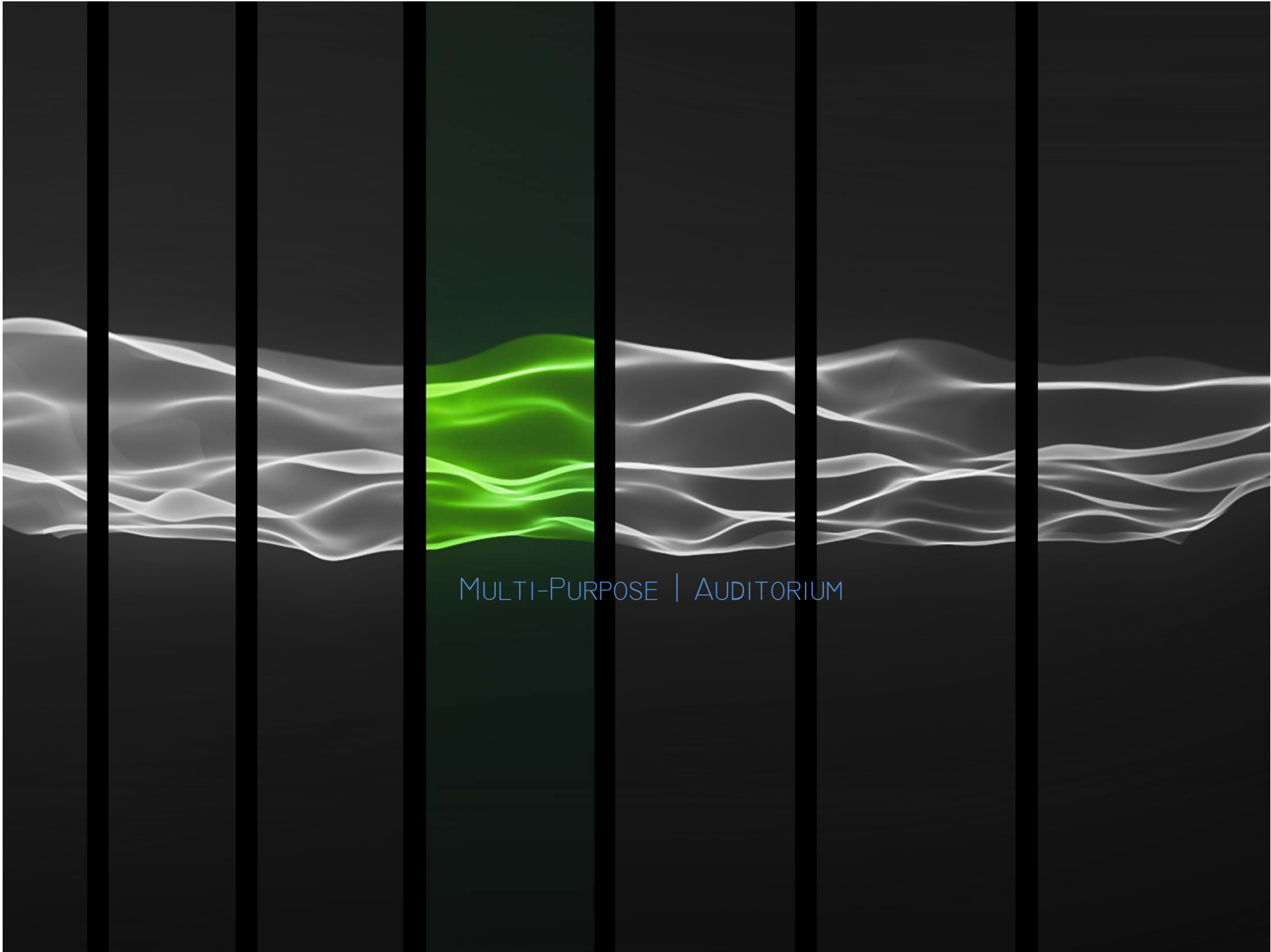


CIRCULATION | LOBBY ATRIUM



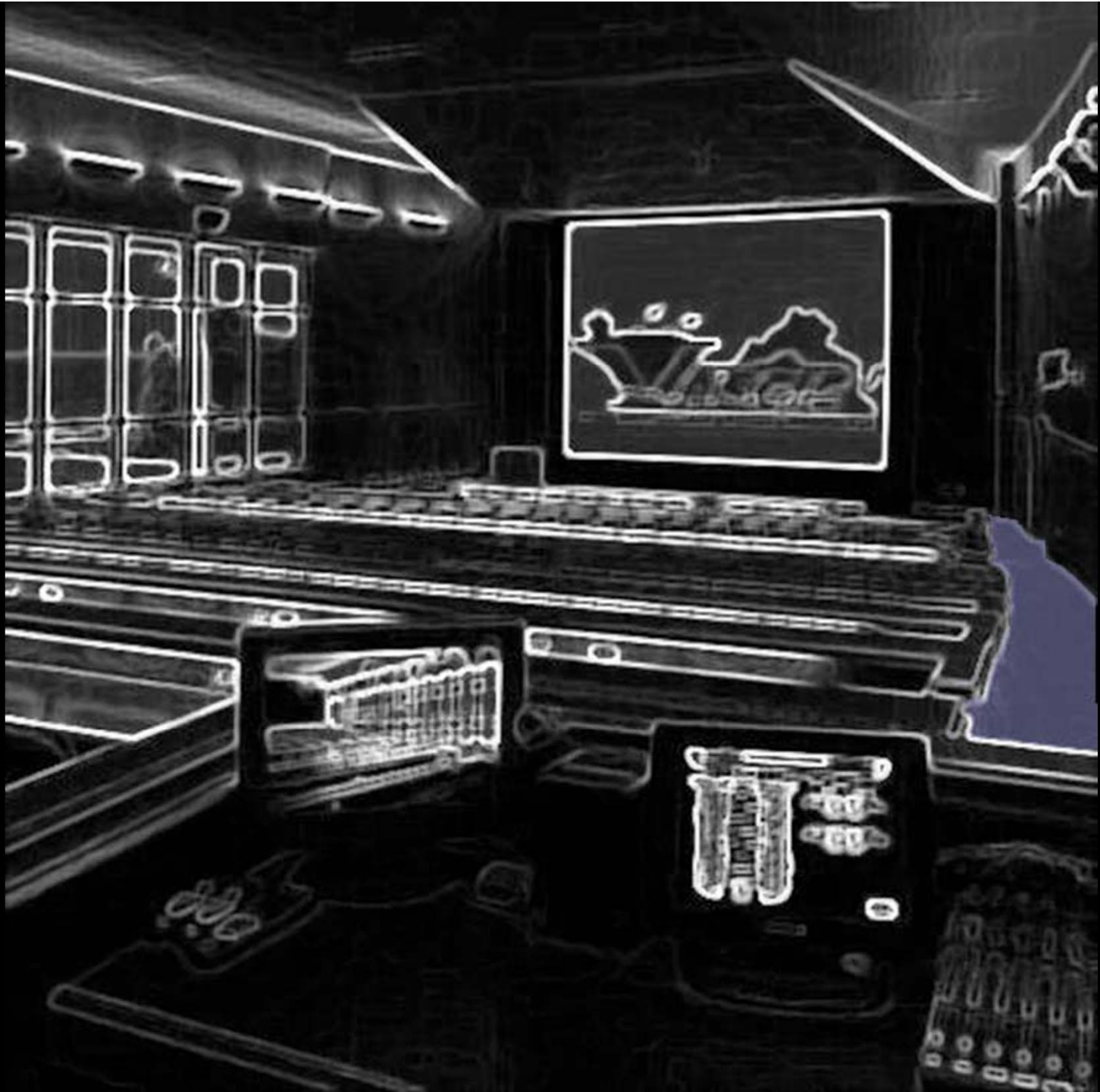
EXTERIOR | GATHERING SPACE

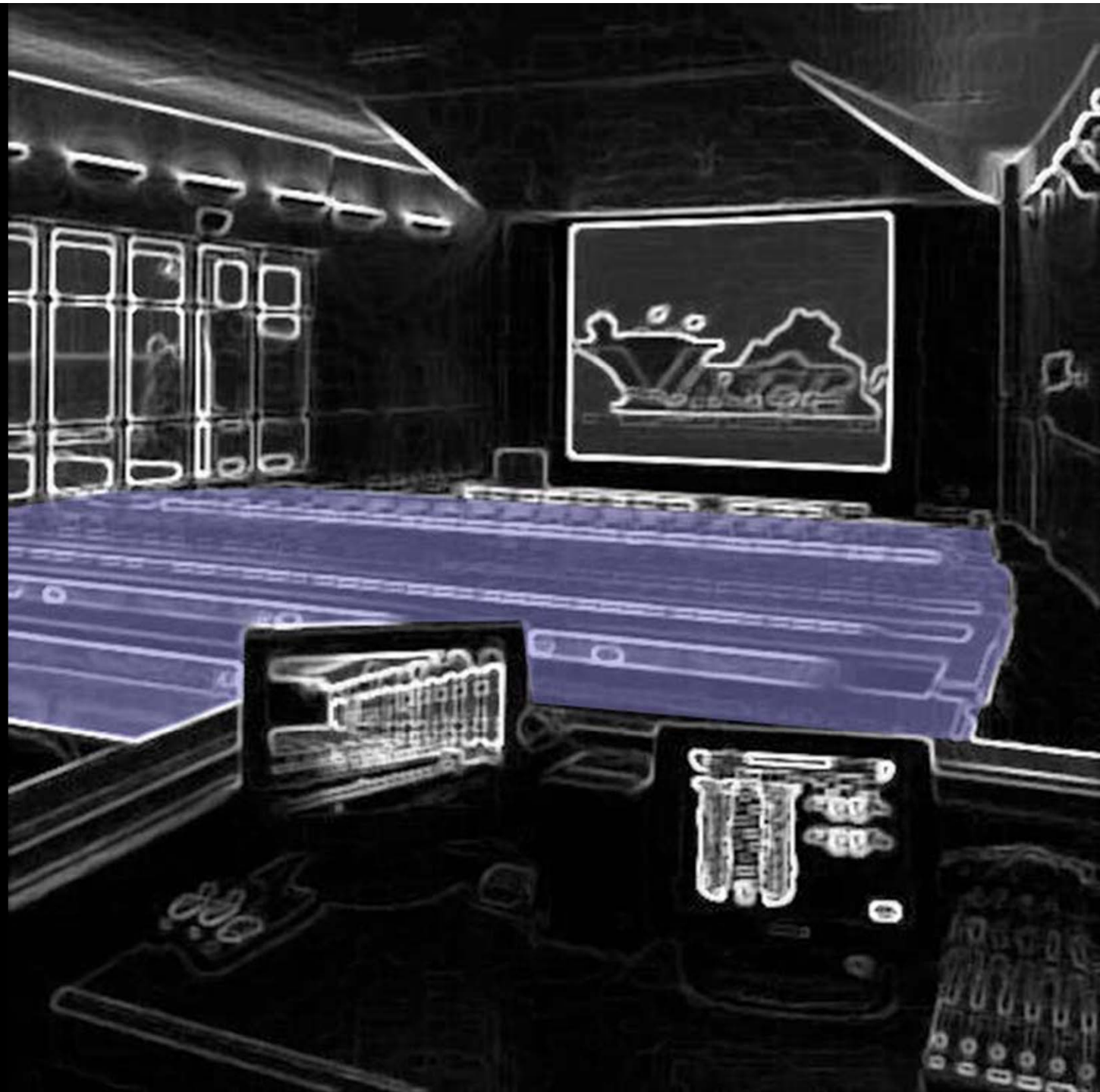


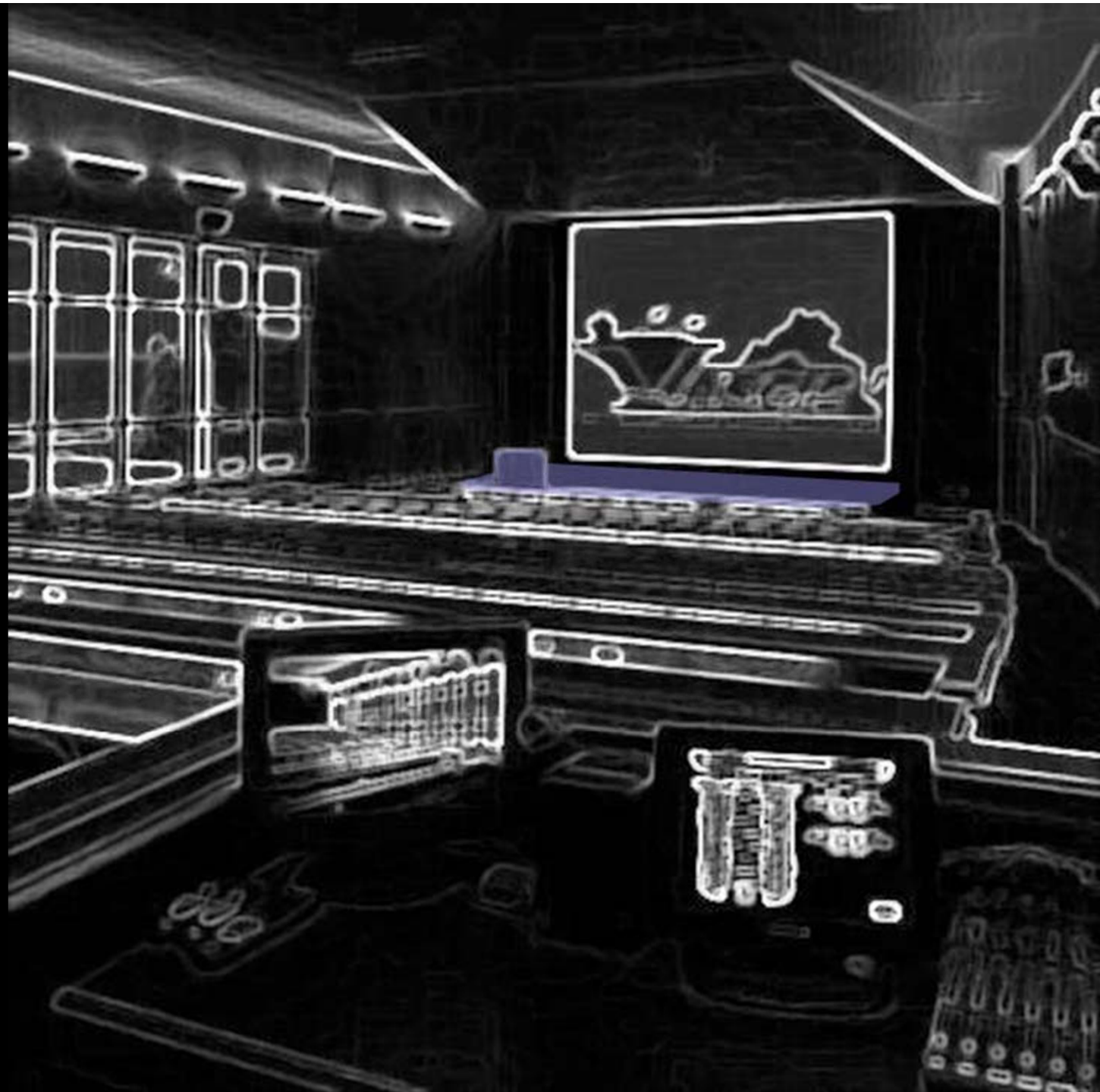


MULTI-PURPOSE | AUDITORIUM





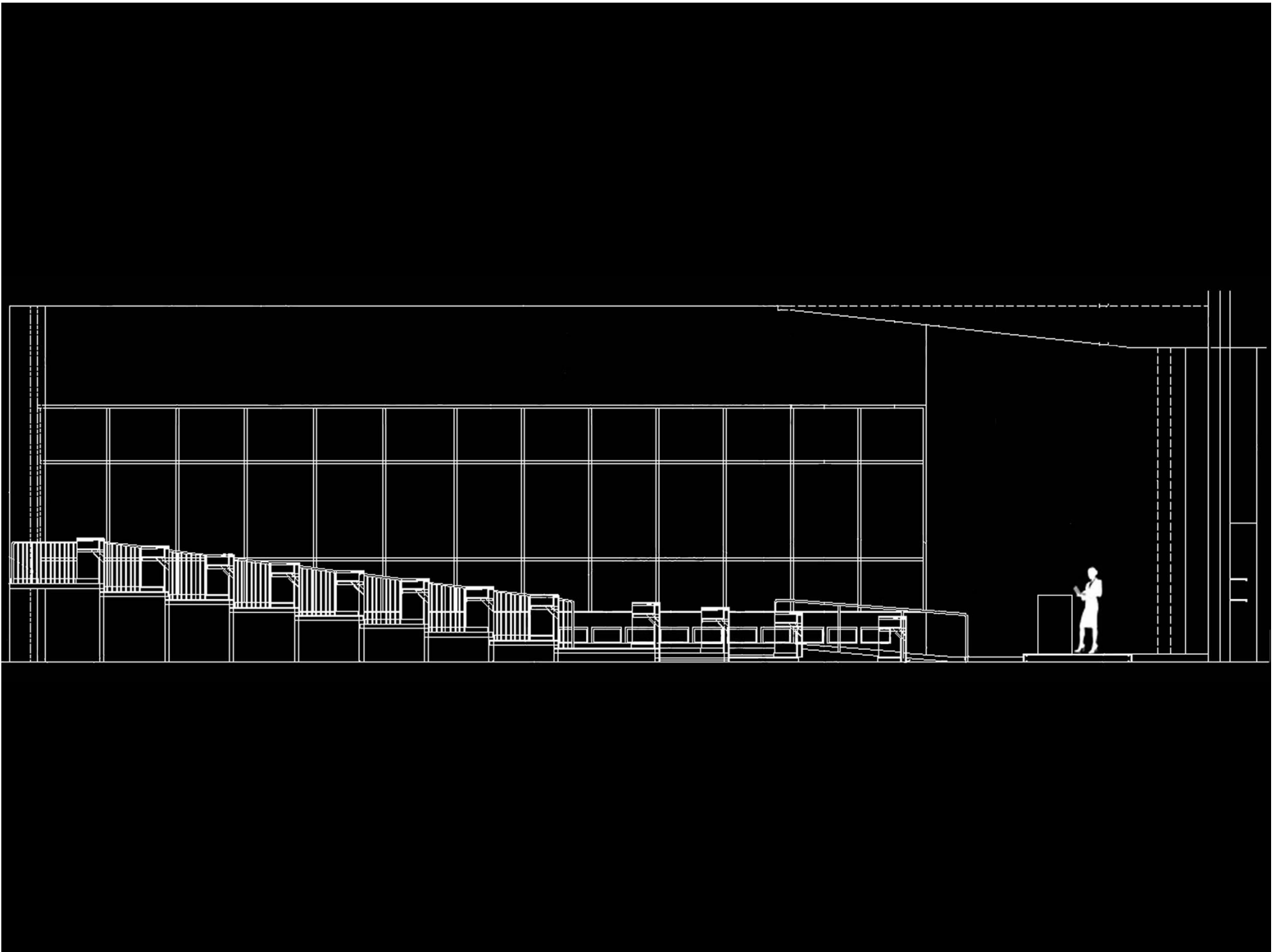


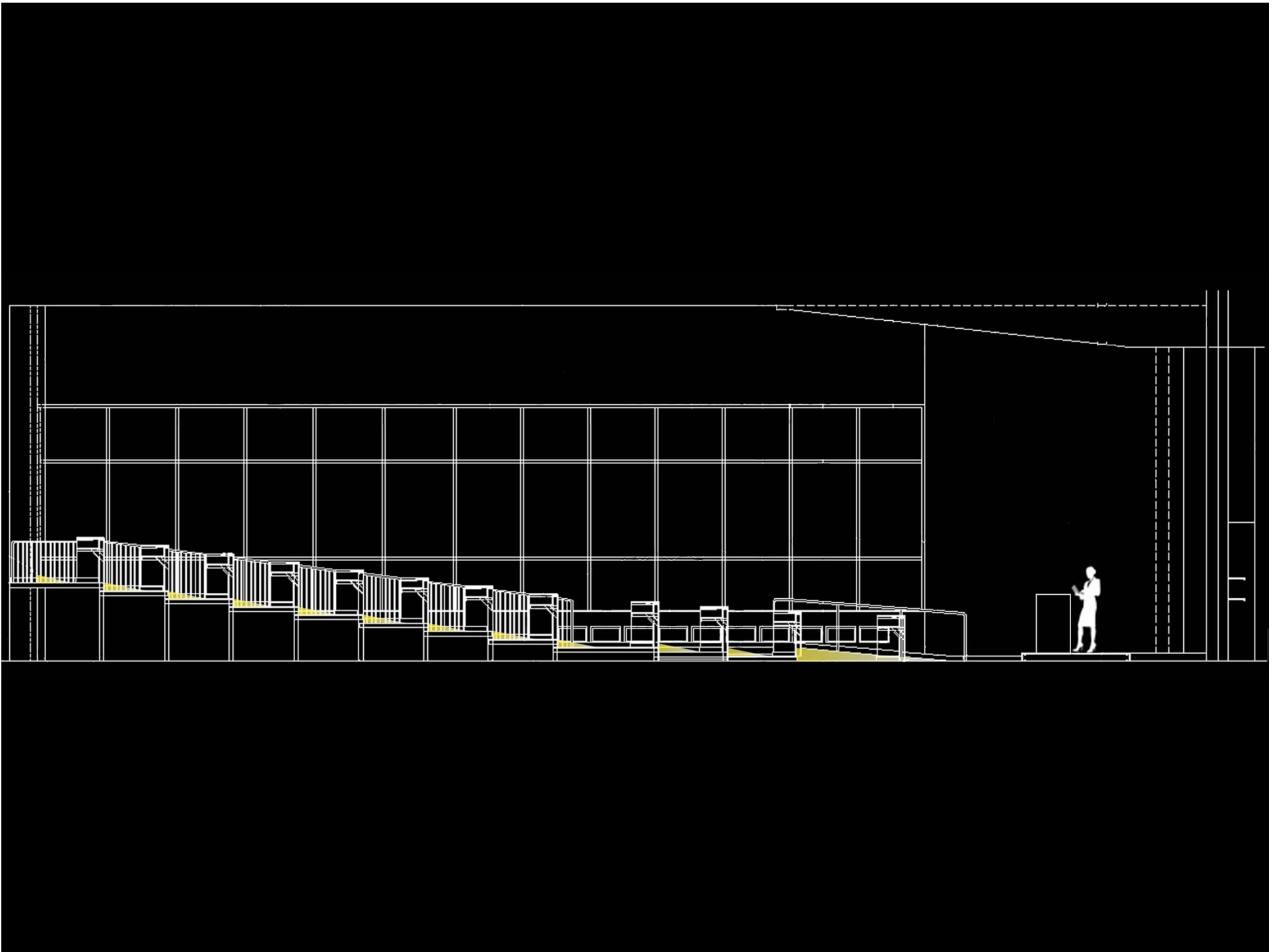


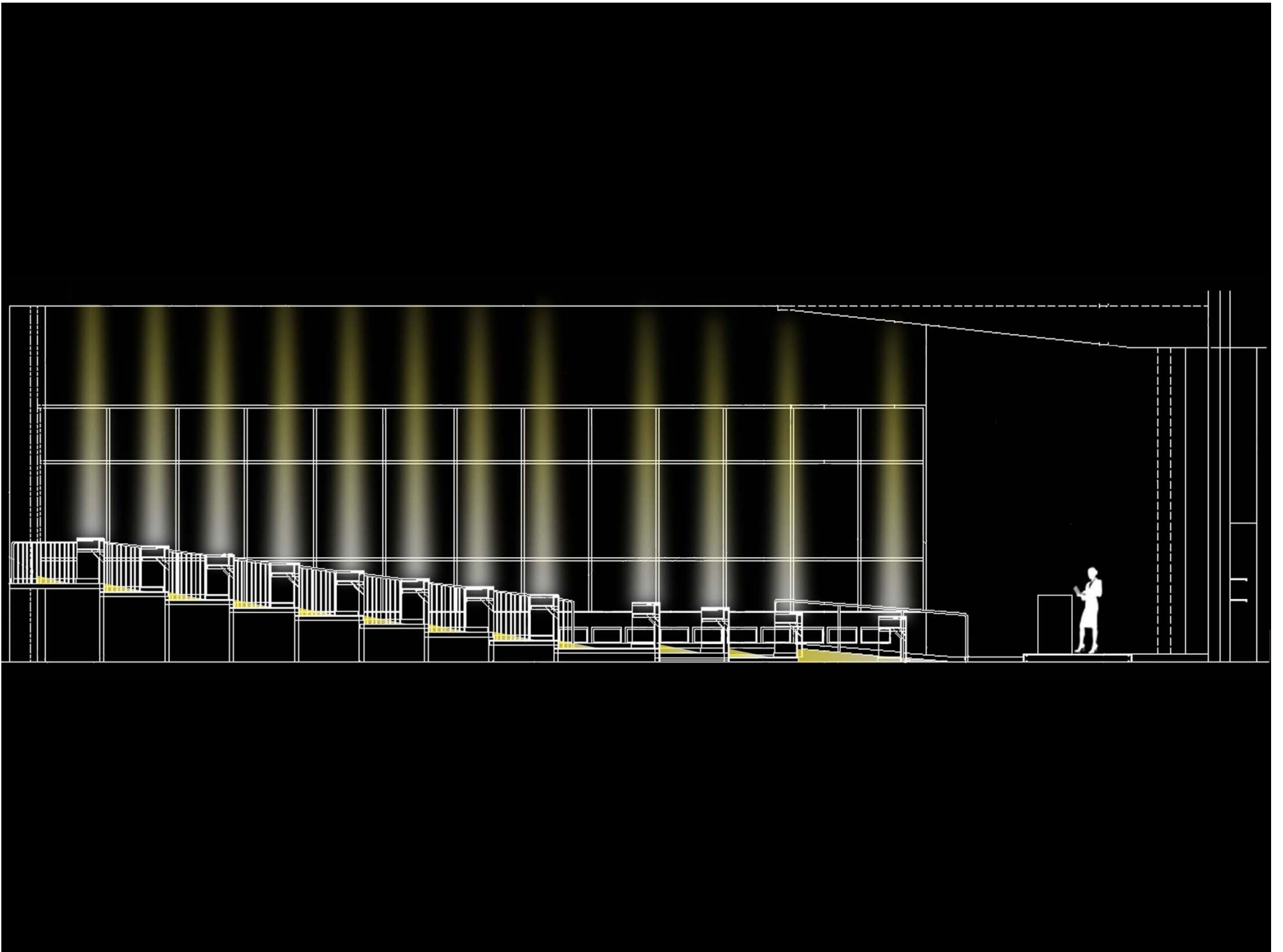


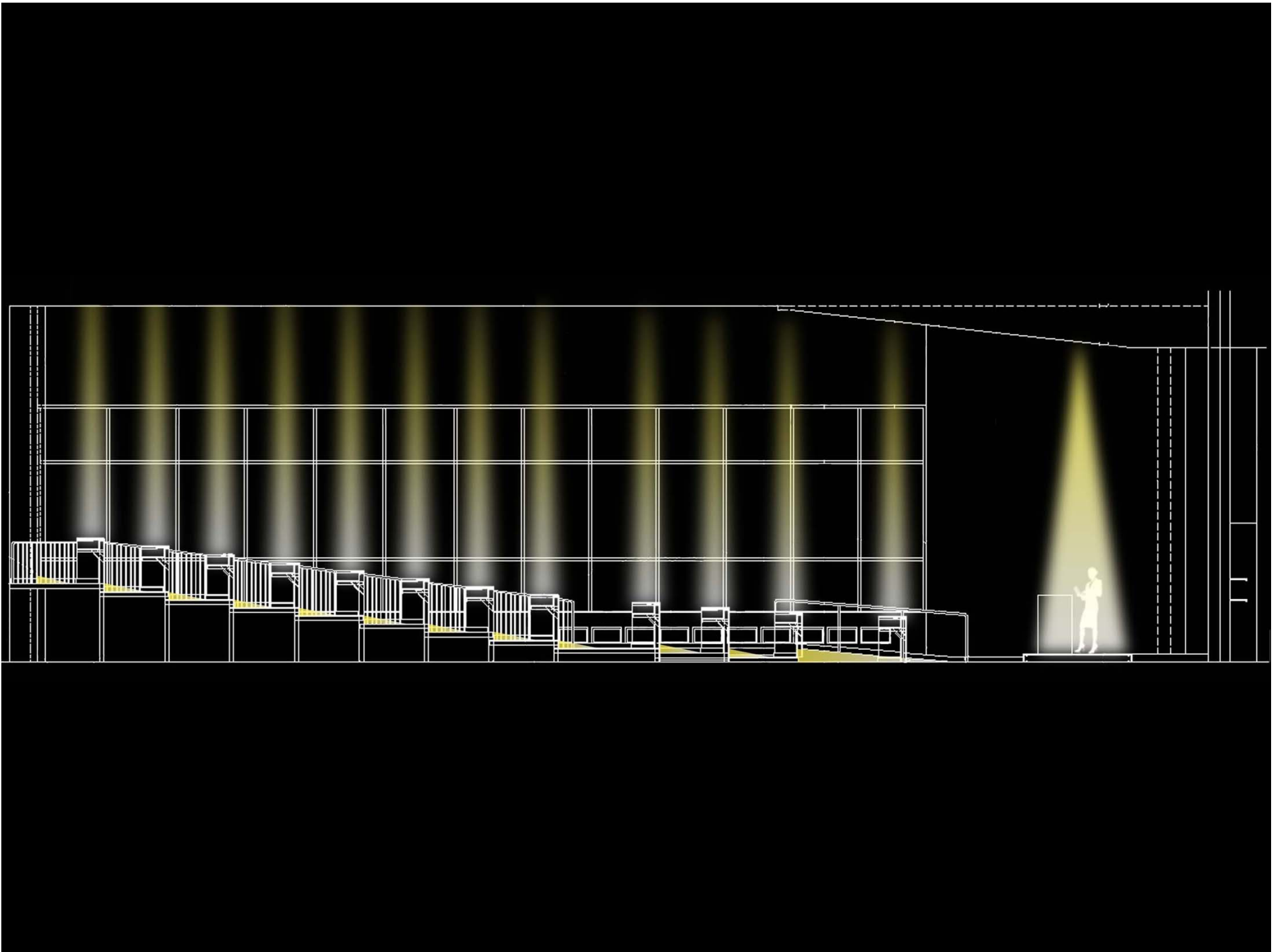
A spotlight beam of light originates from the top left corner, casting a wide, soft-edged cone of light across a dark, textured surface. The beam tapers as it descends, culminating in a bright, circular pool of light at the bottom center. The text "DESIGN I: POOLS OF LIGHT" is centered within this pool of light.

DESIGN I: POOLS OF LIGHT

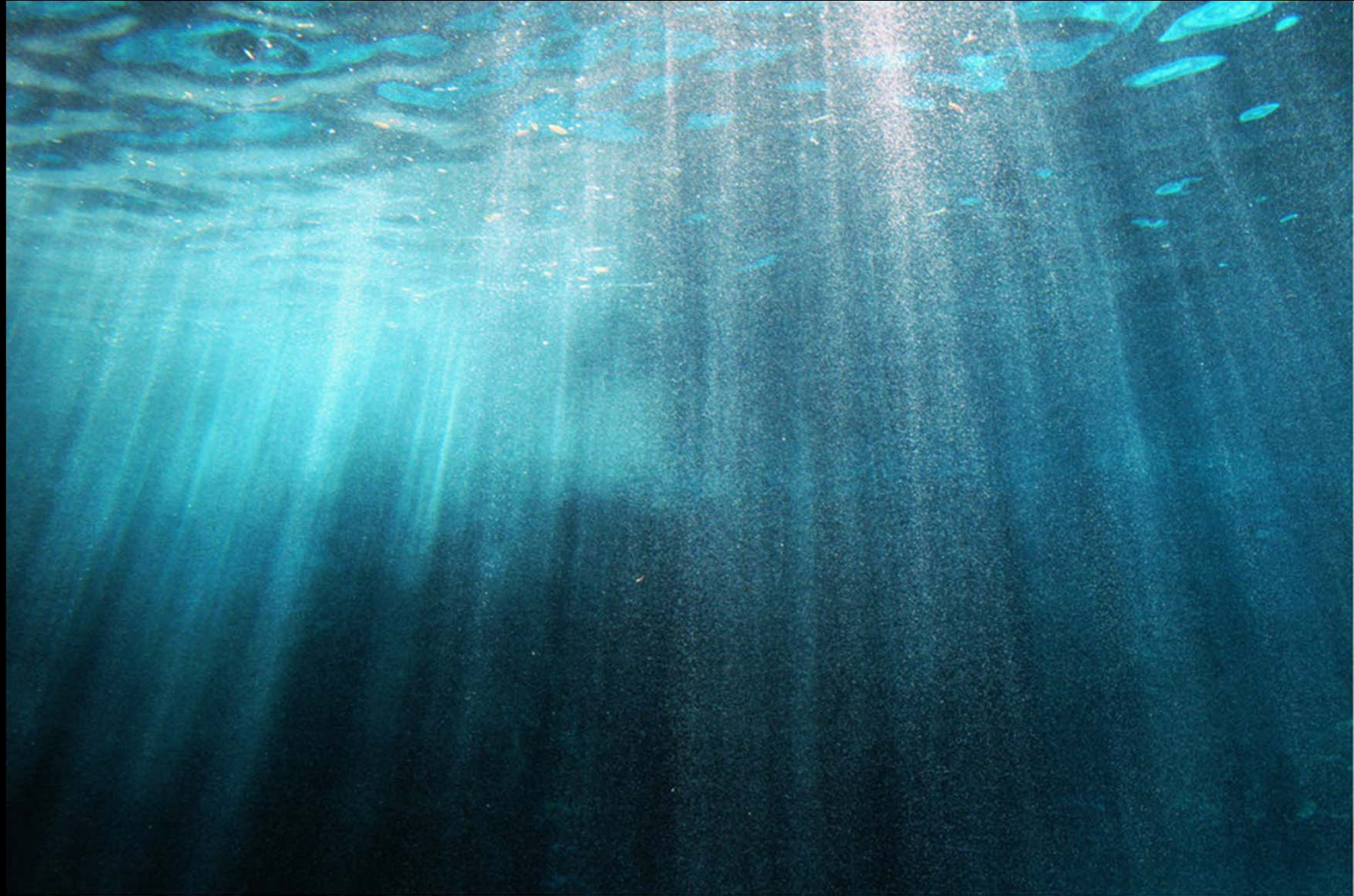


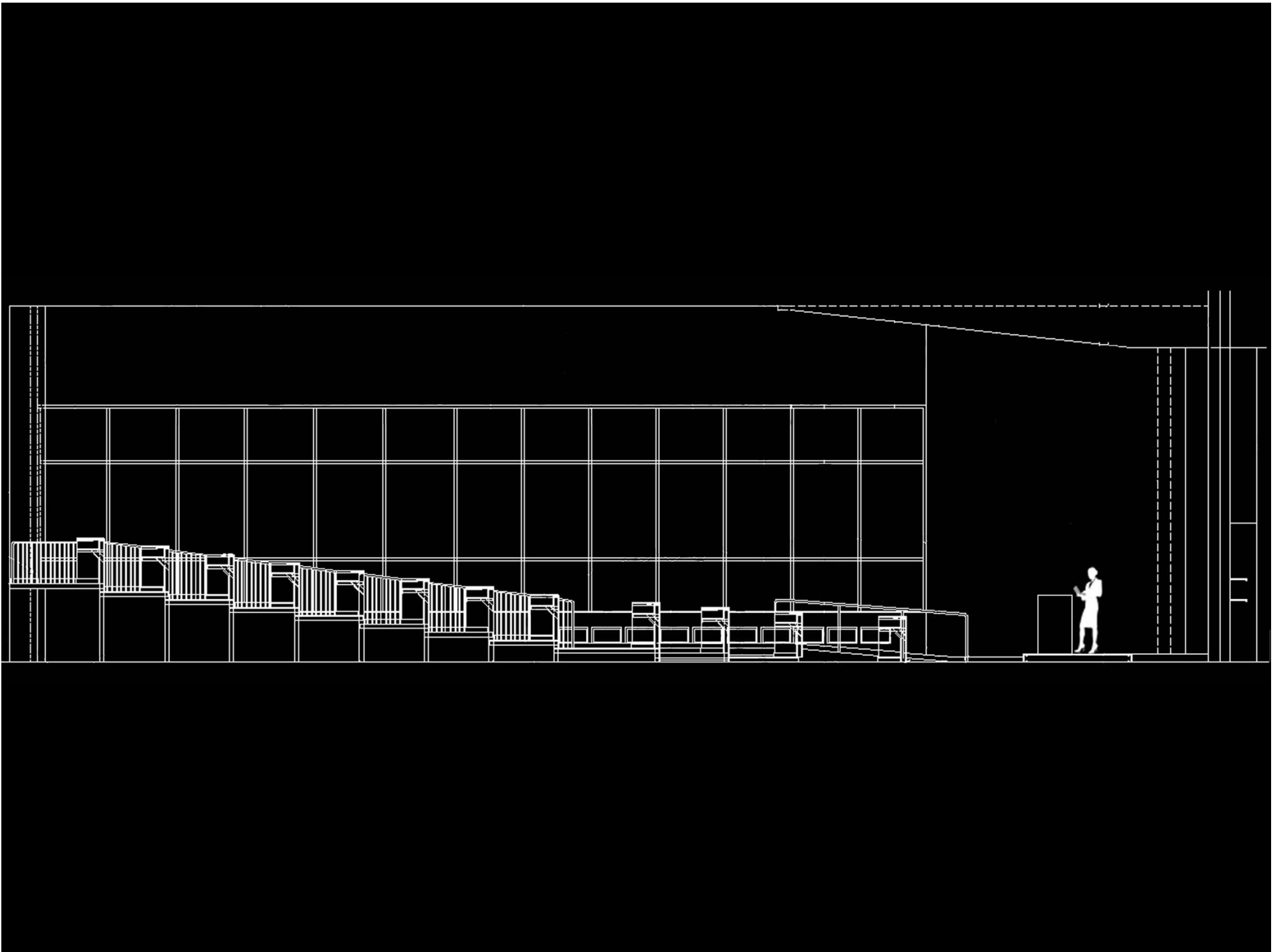


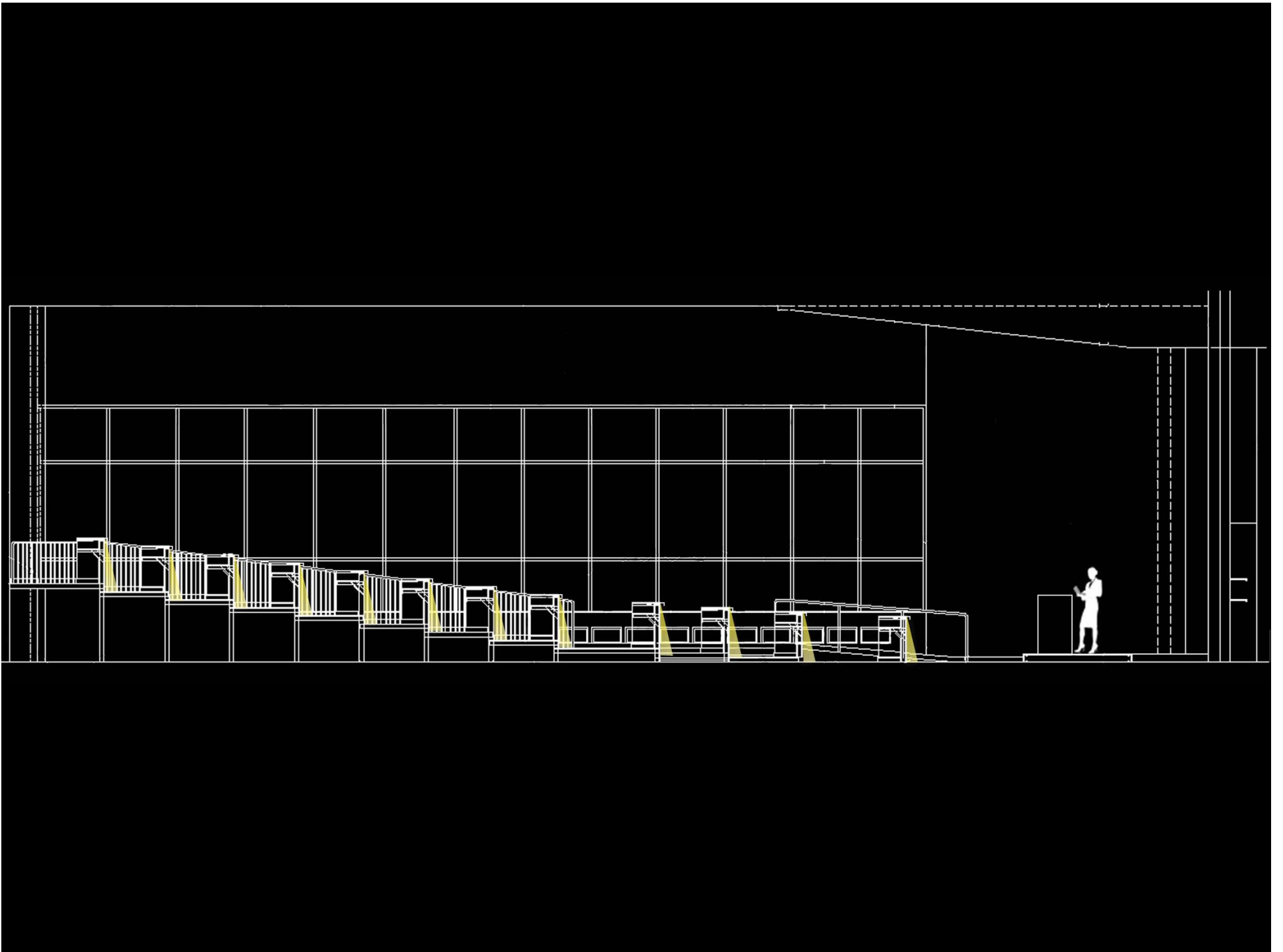


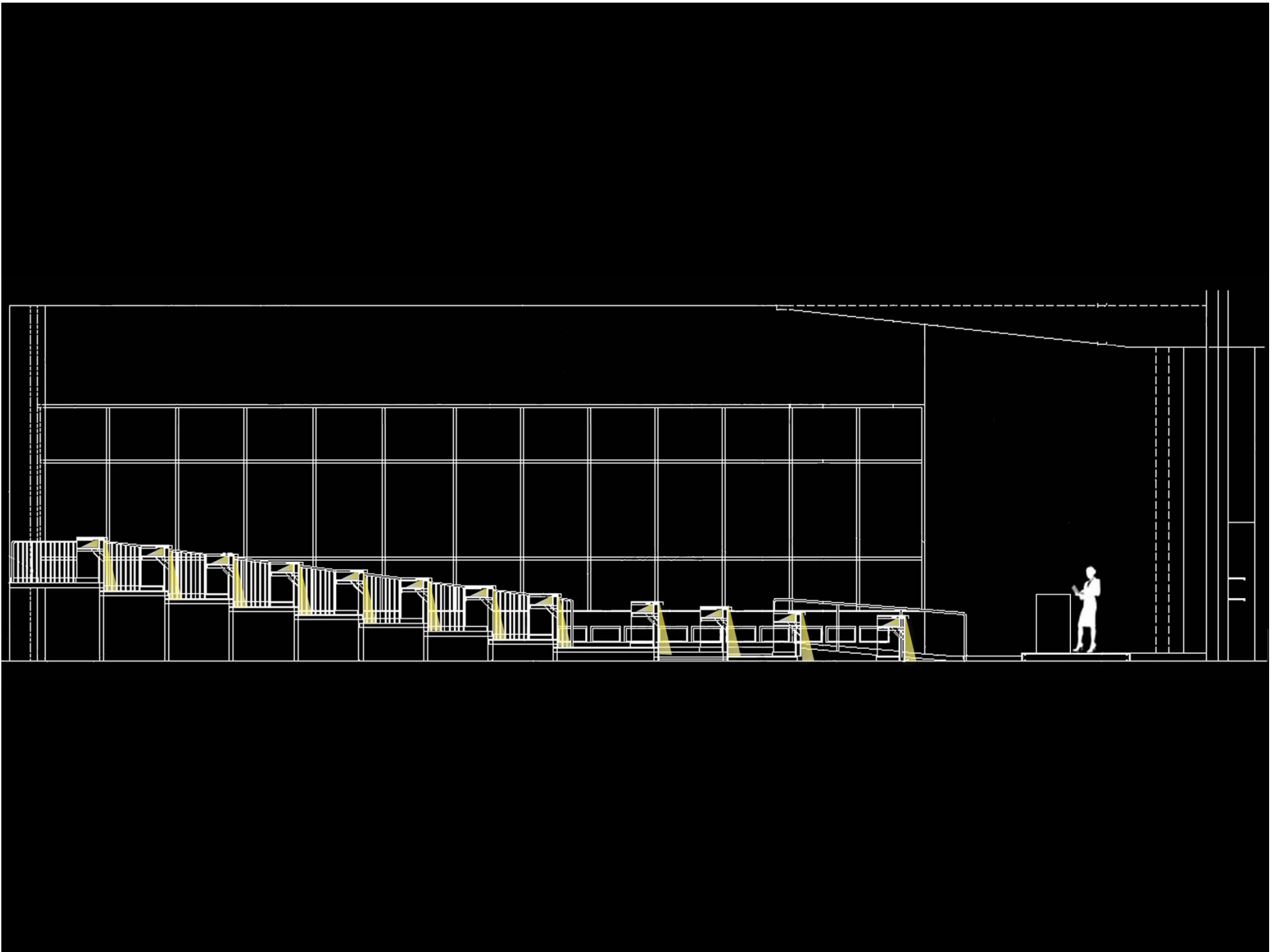


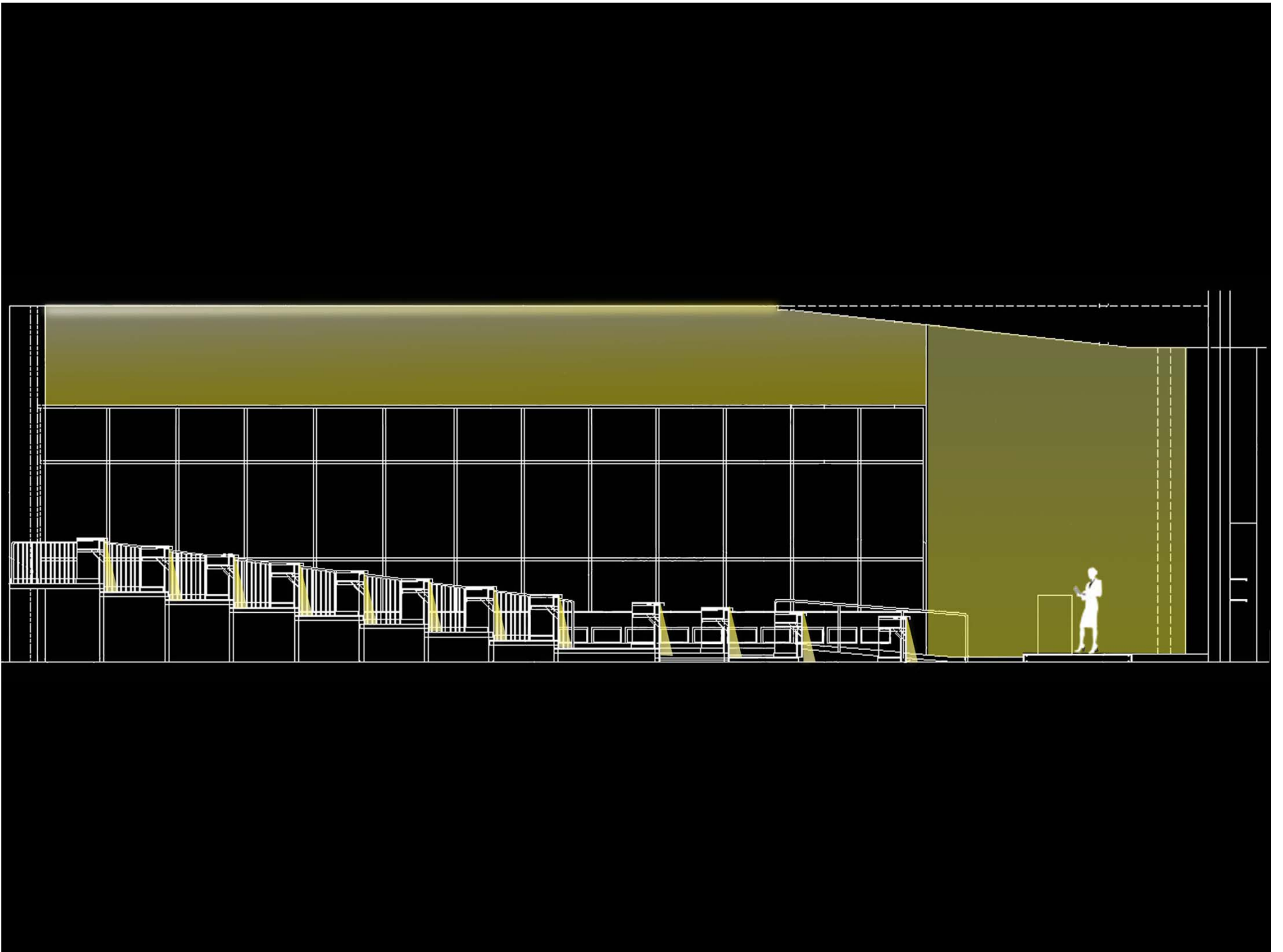
DESIGN 2: UNIFORM FLOW

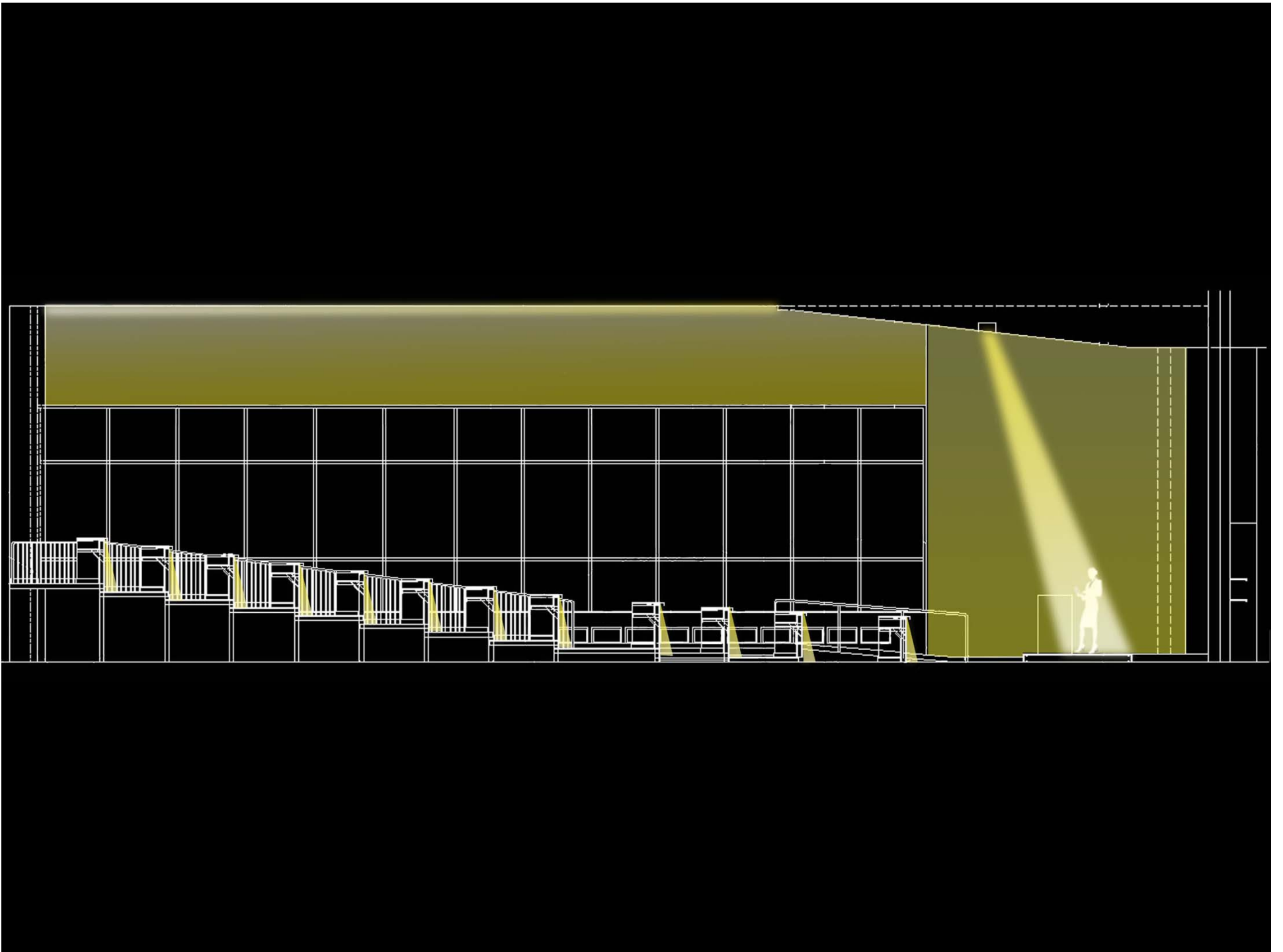


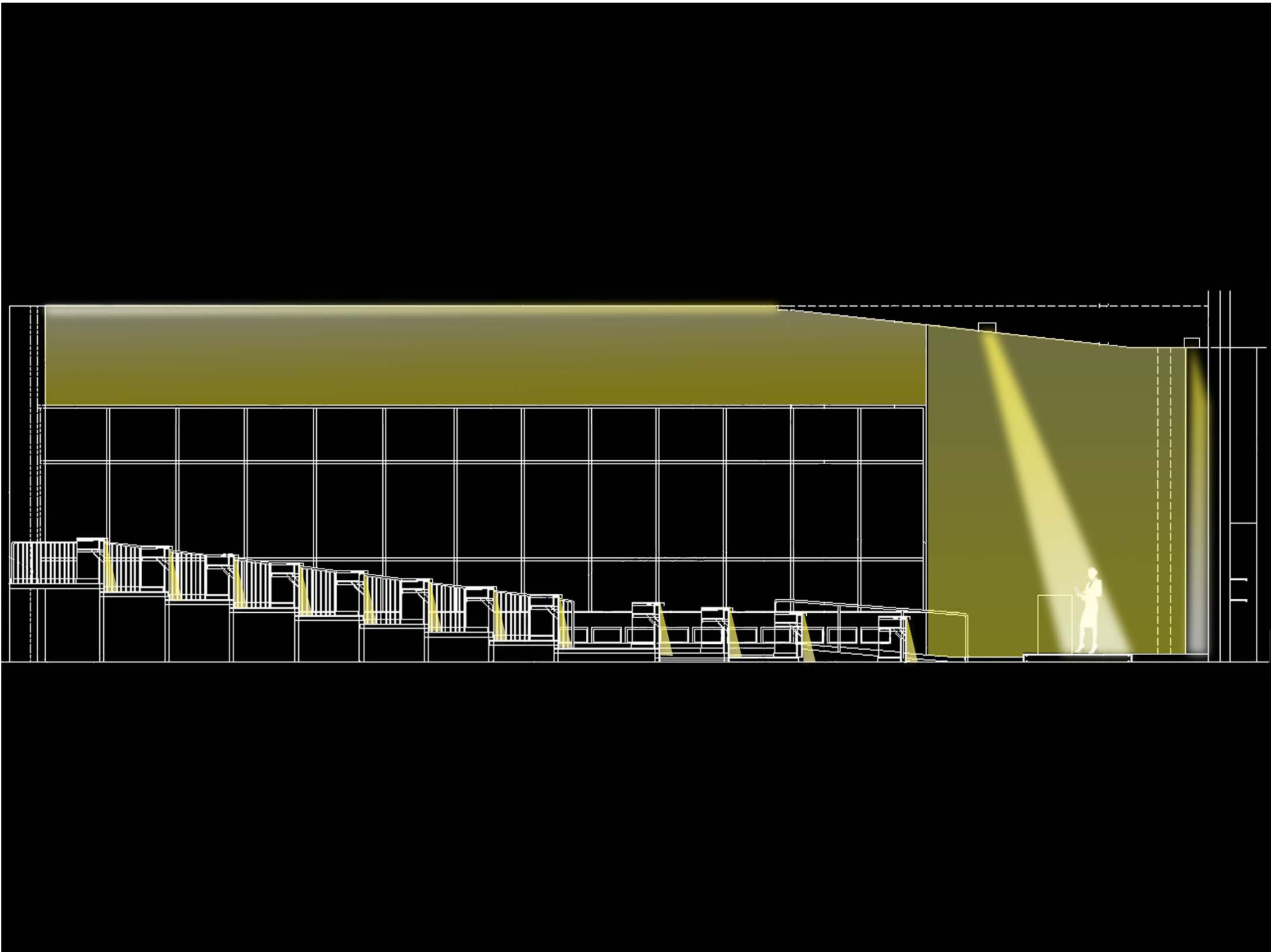




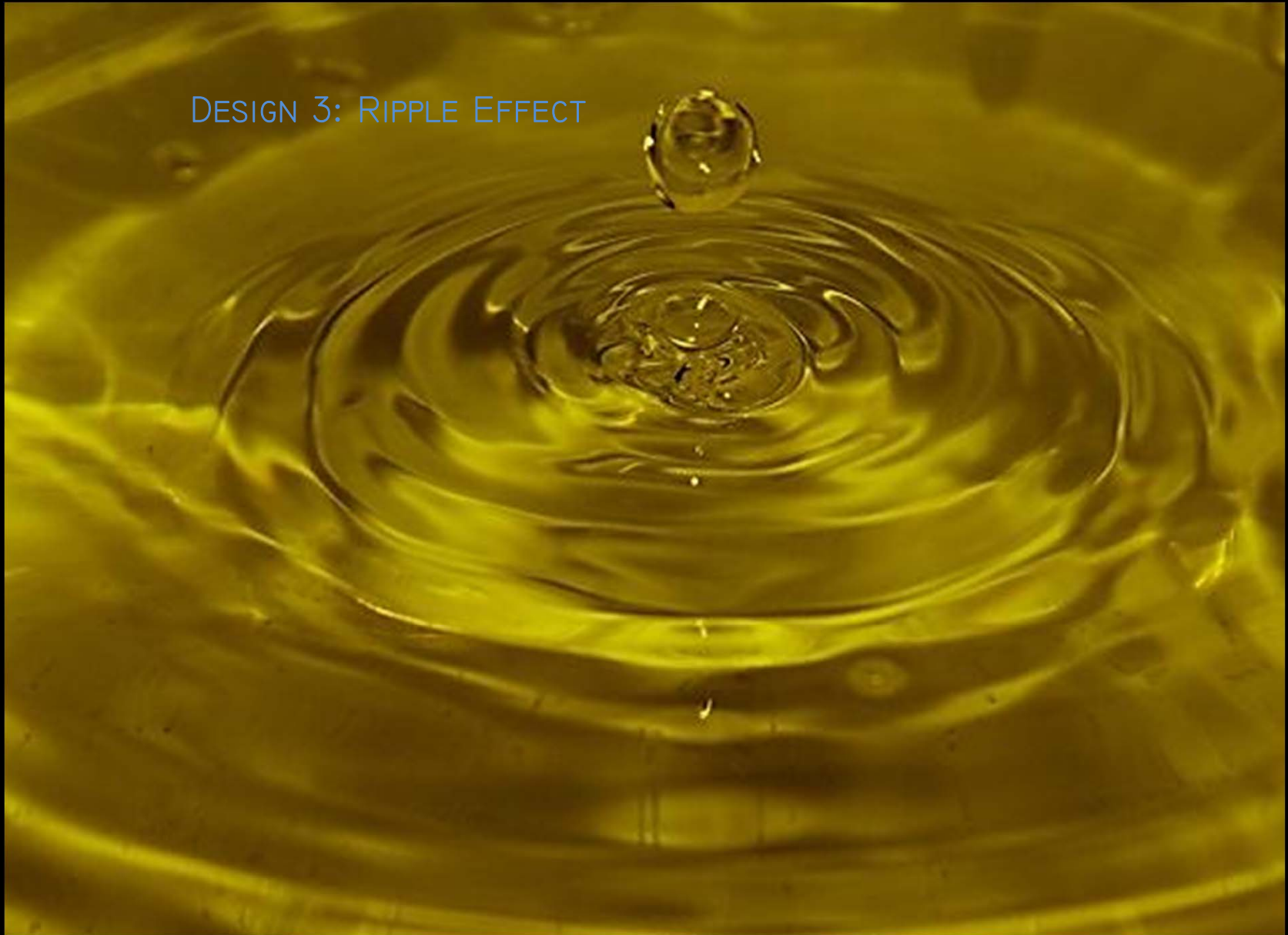


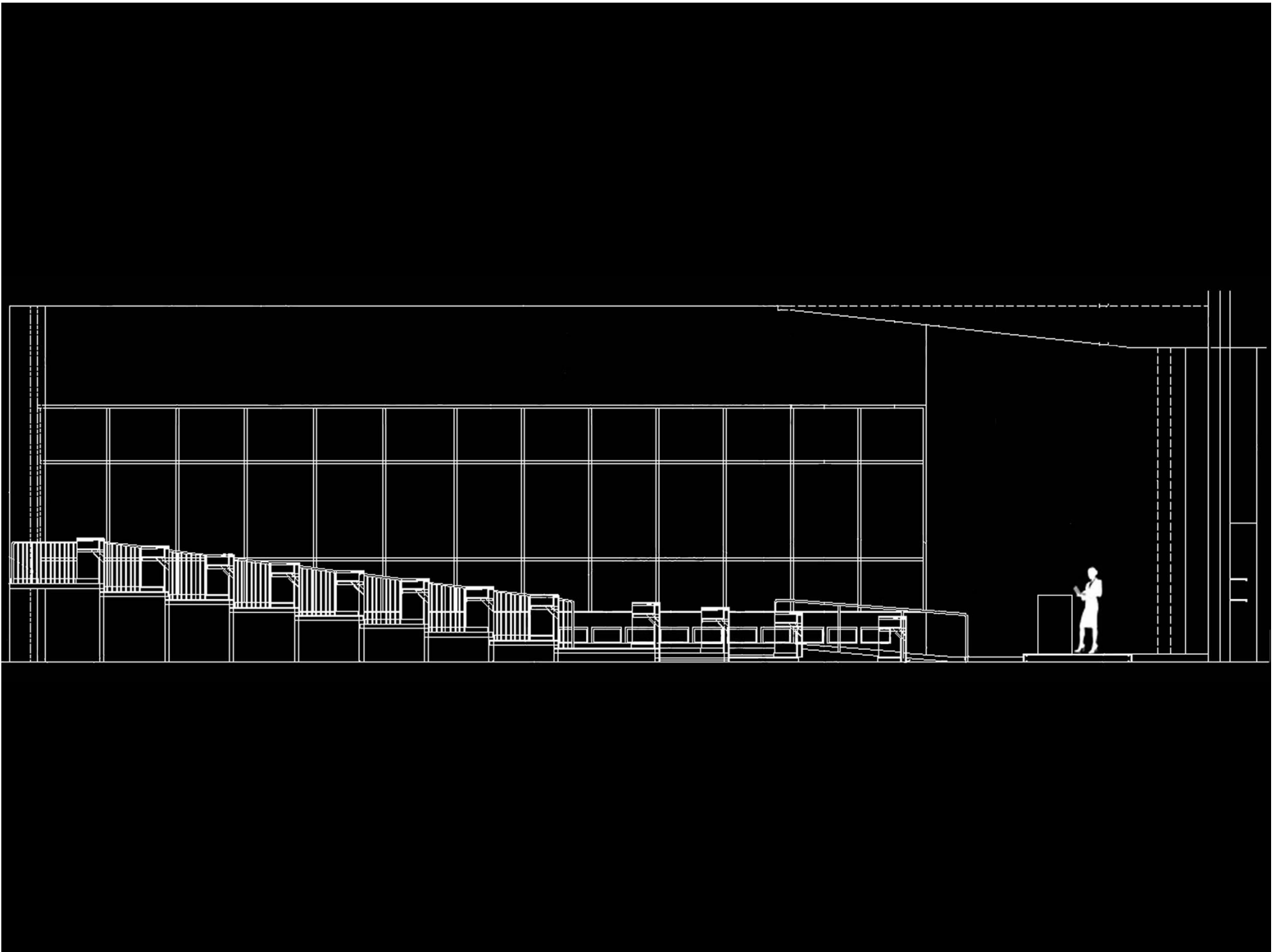




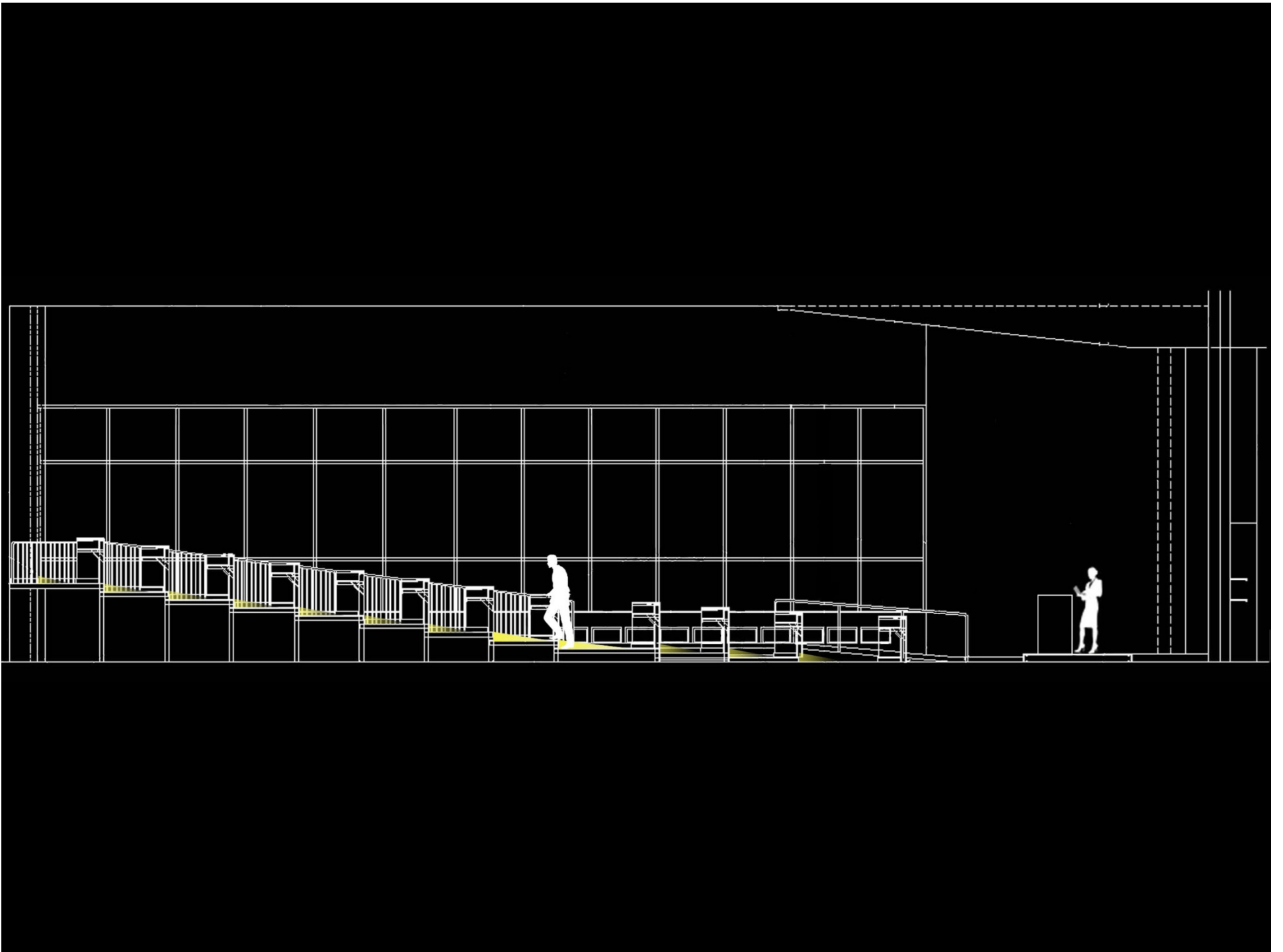


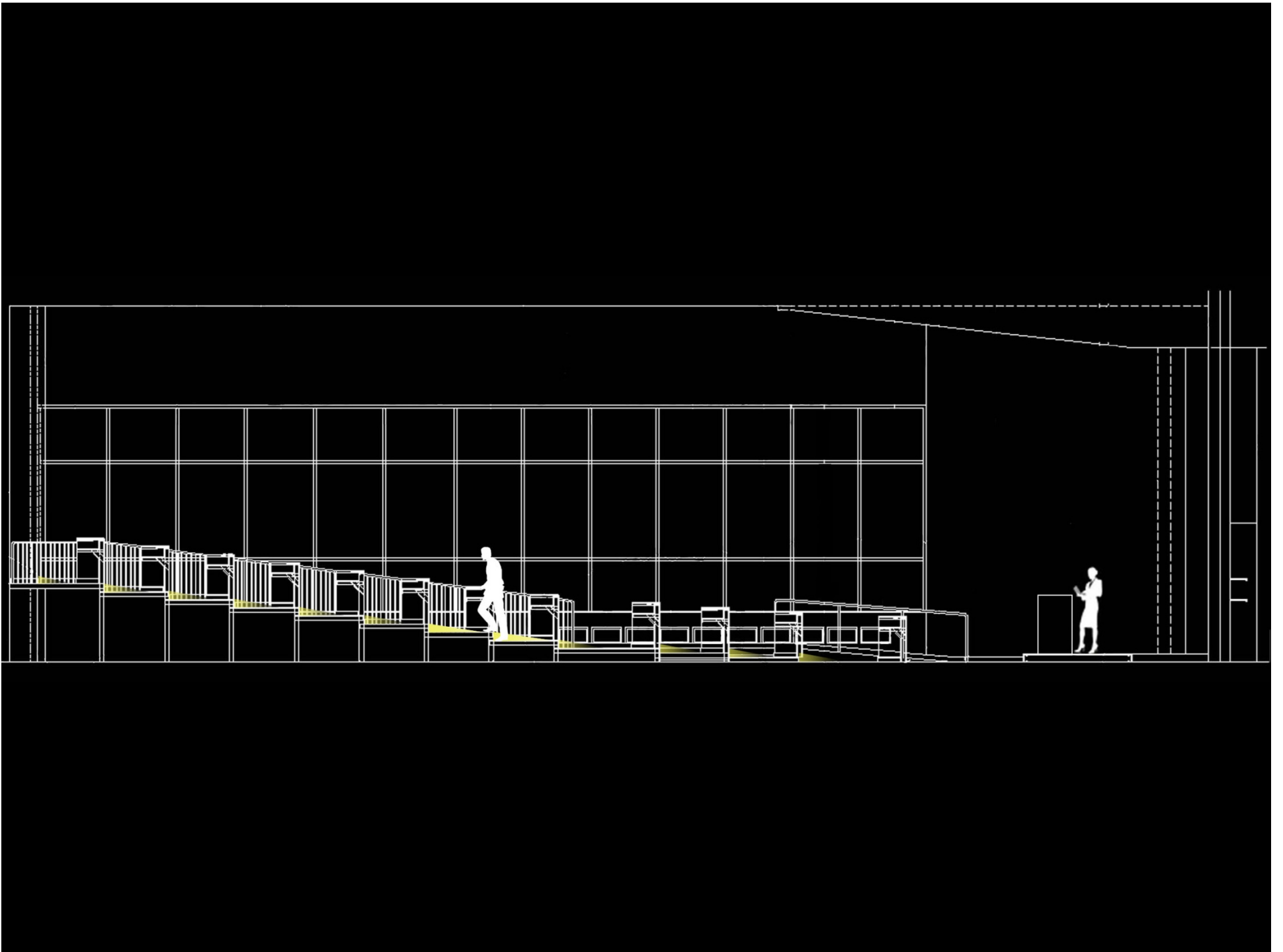
DESIGN 3: RIPPLE EFFECT

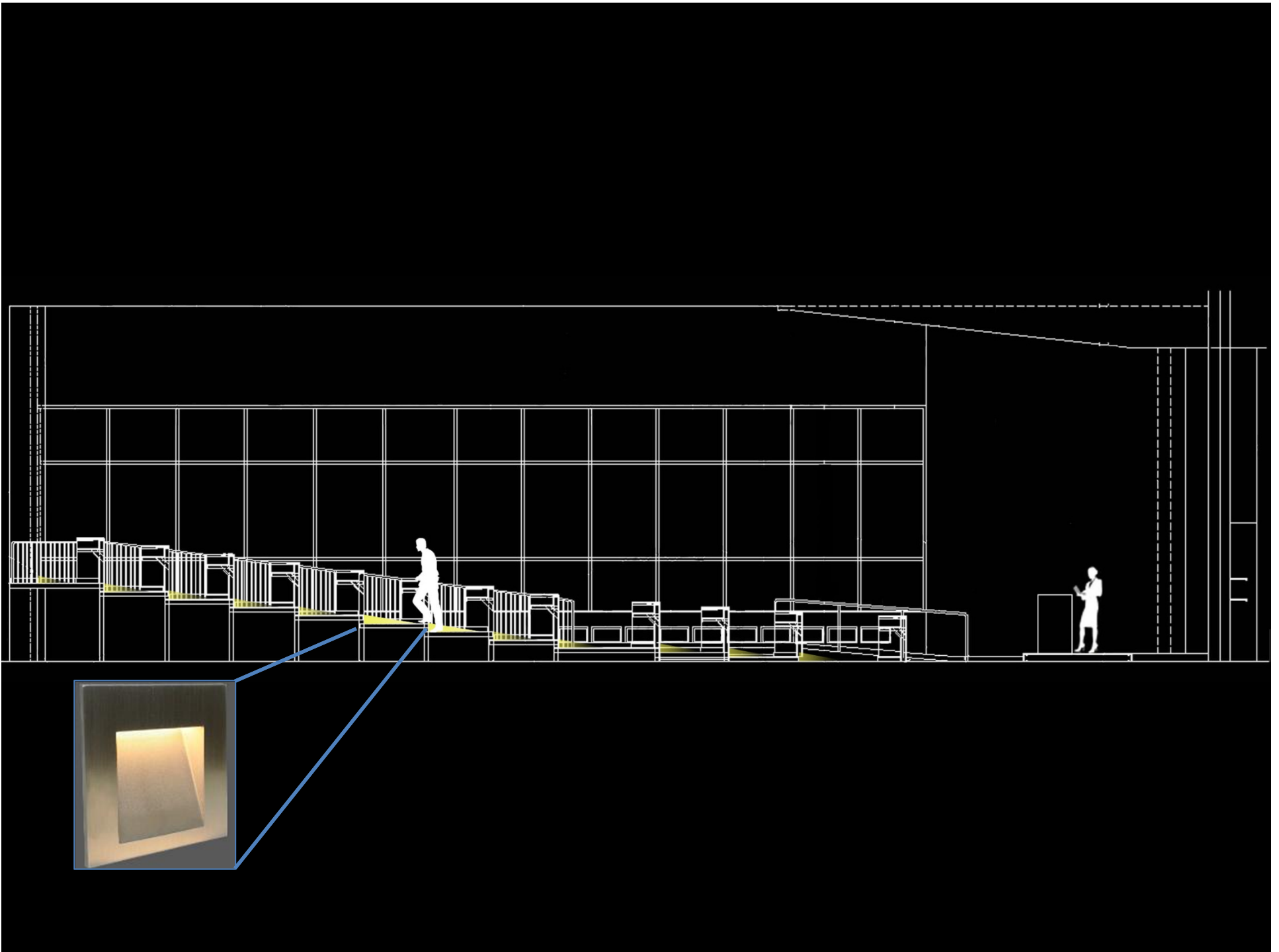


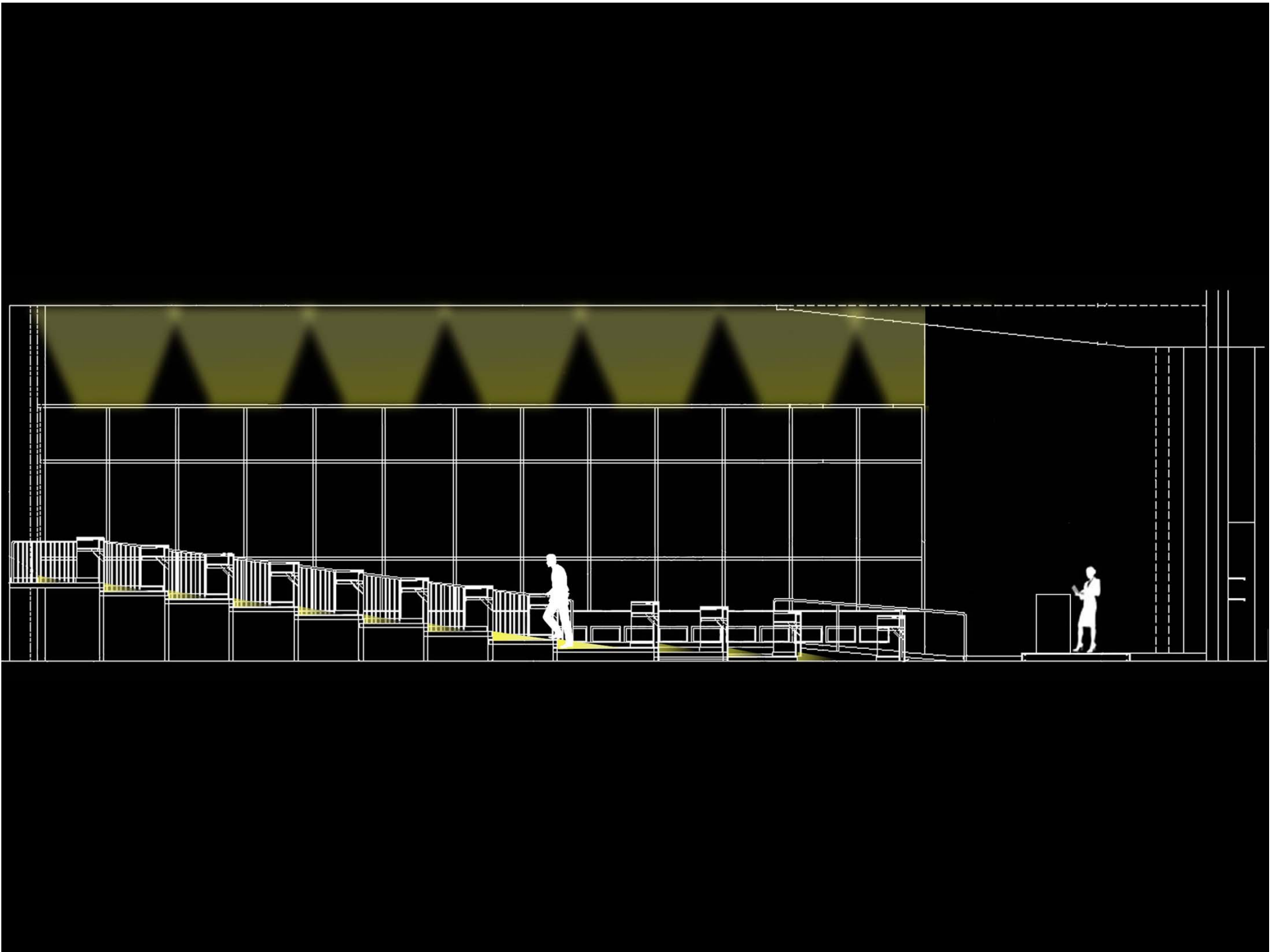


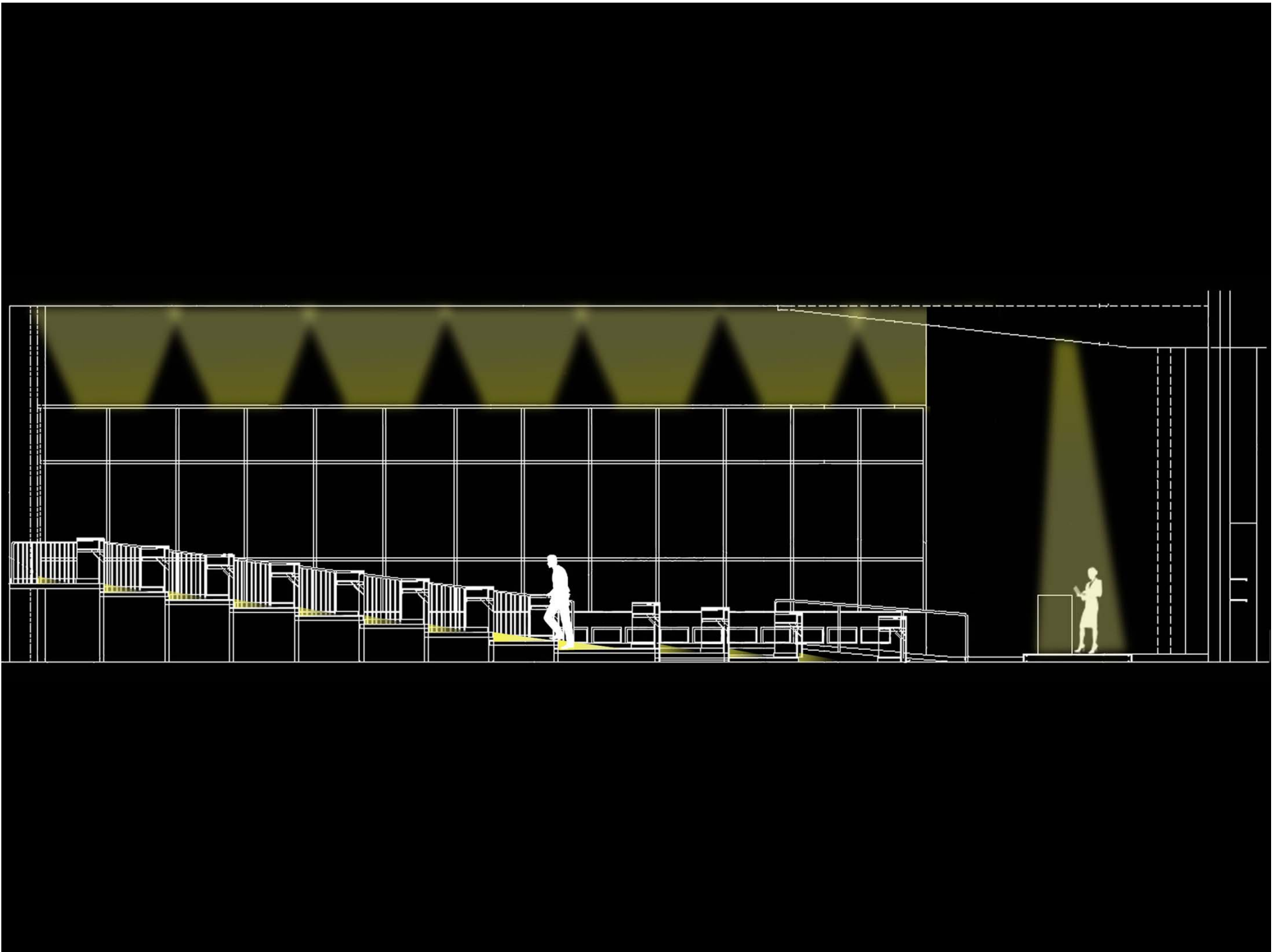


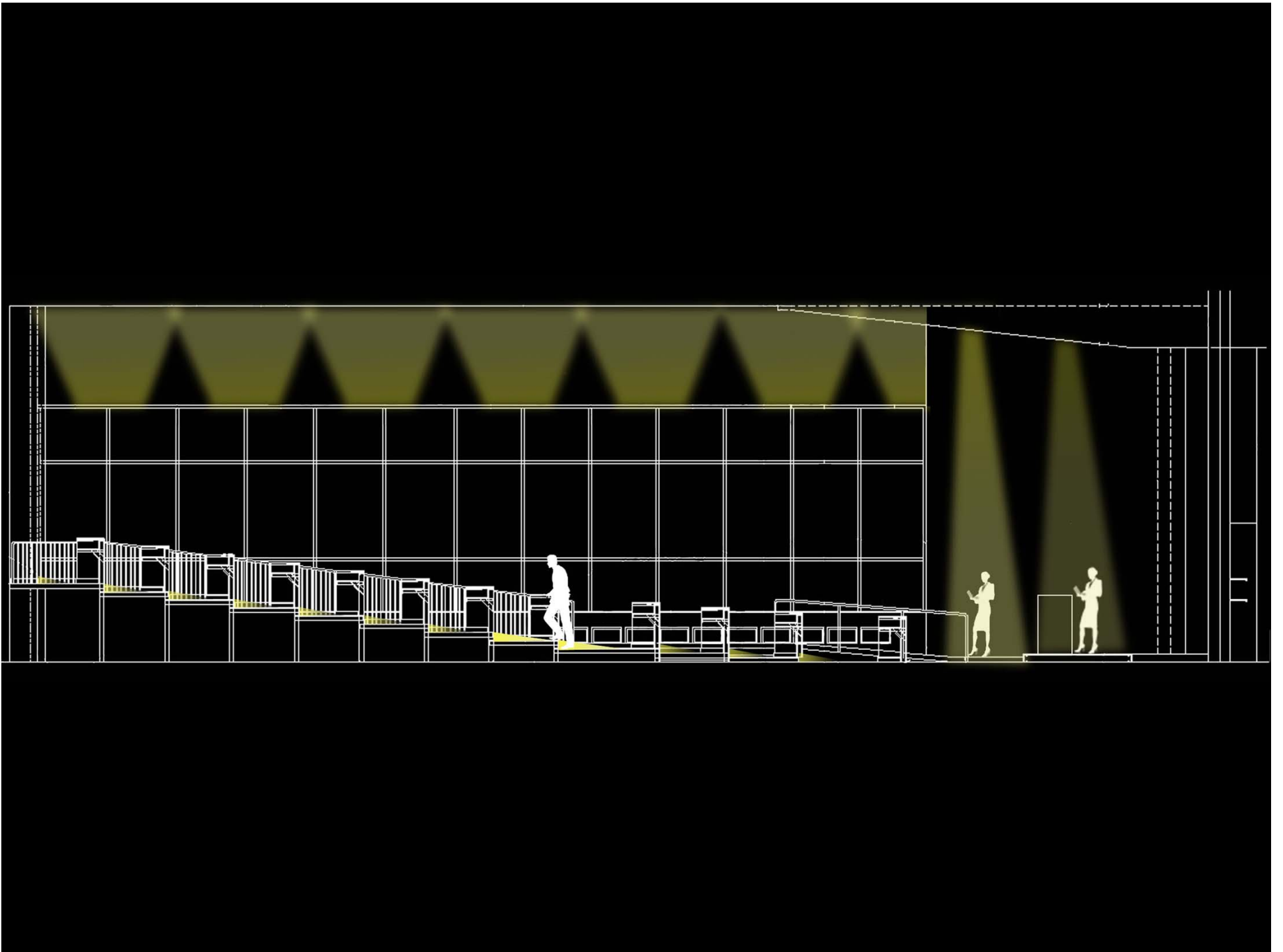


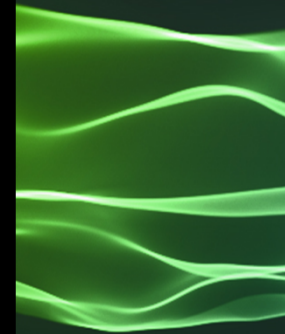






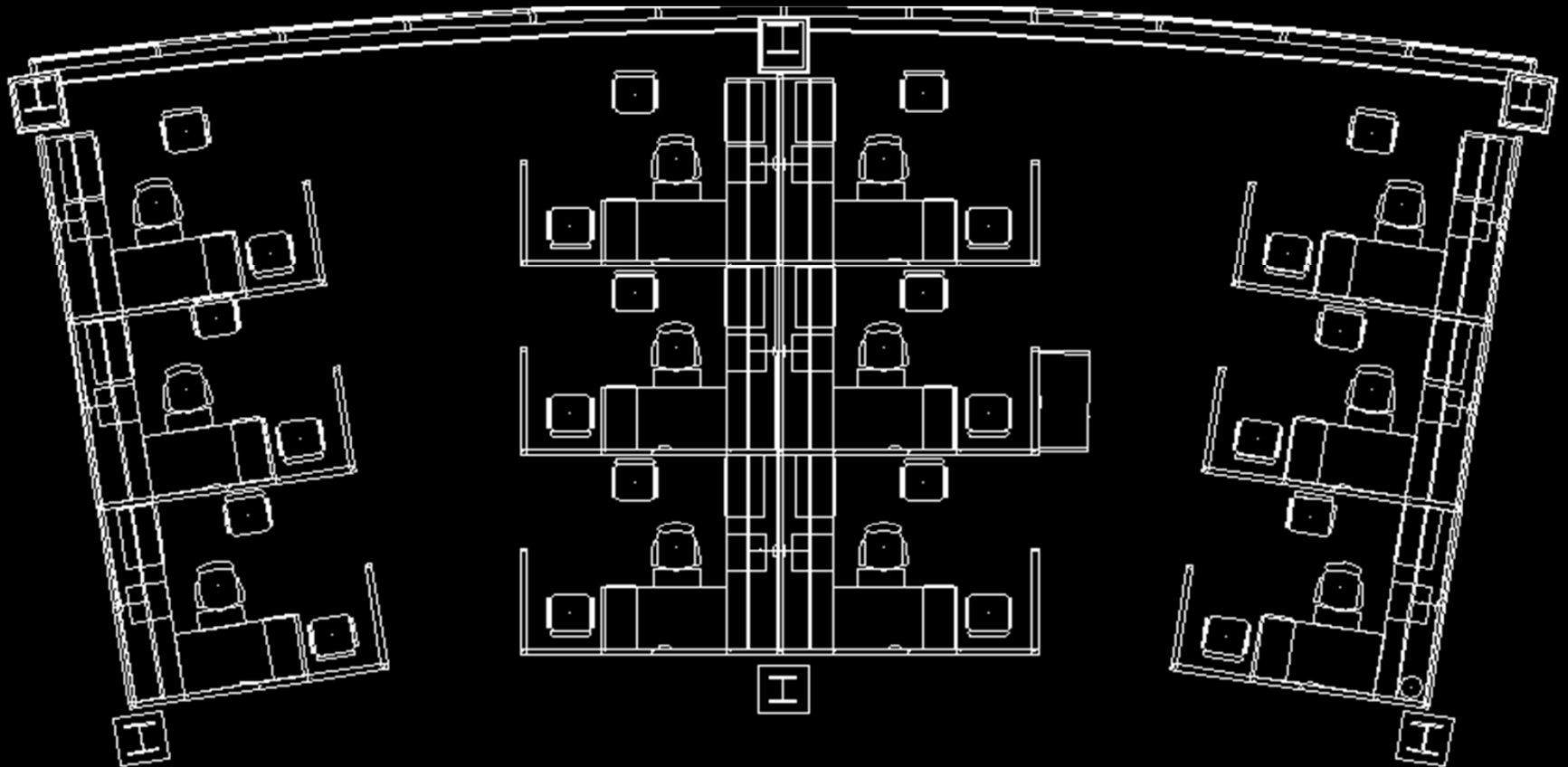


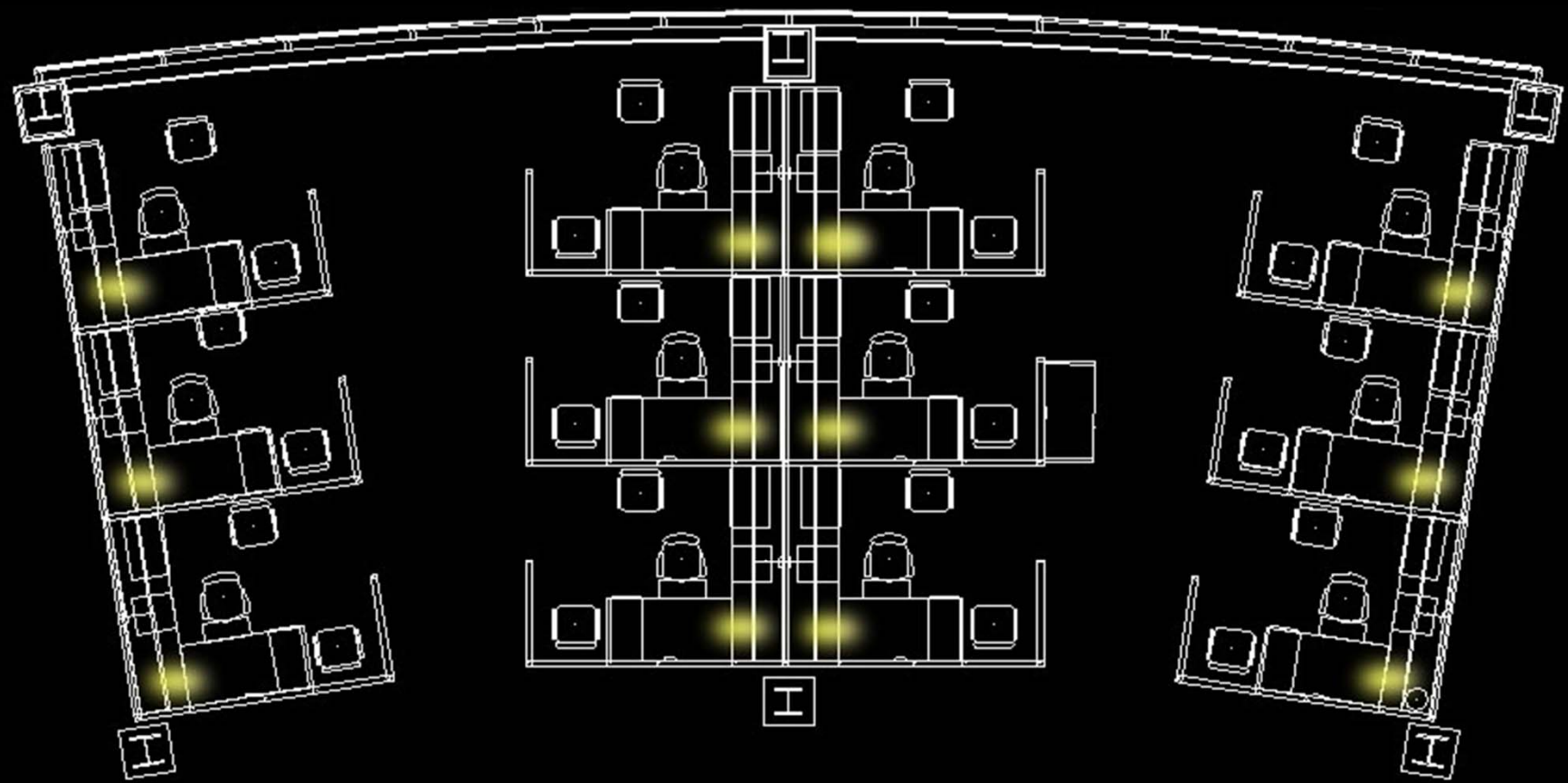


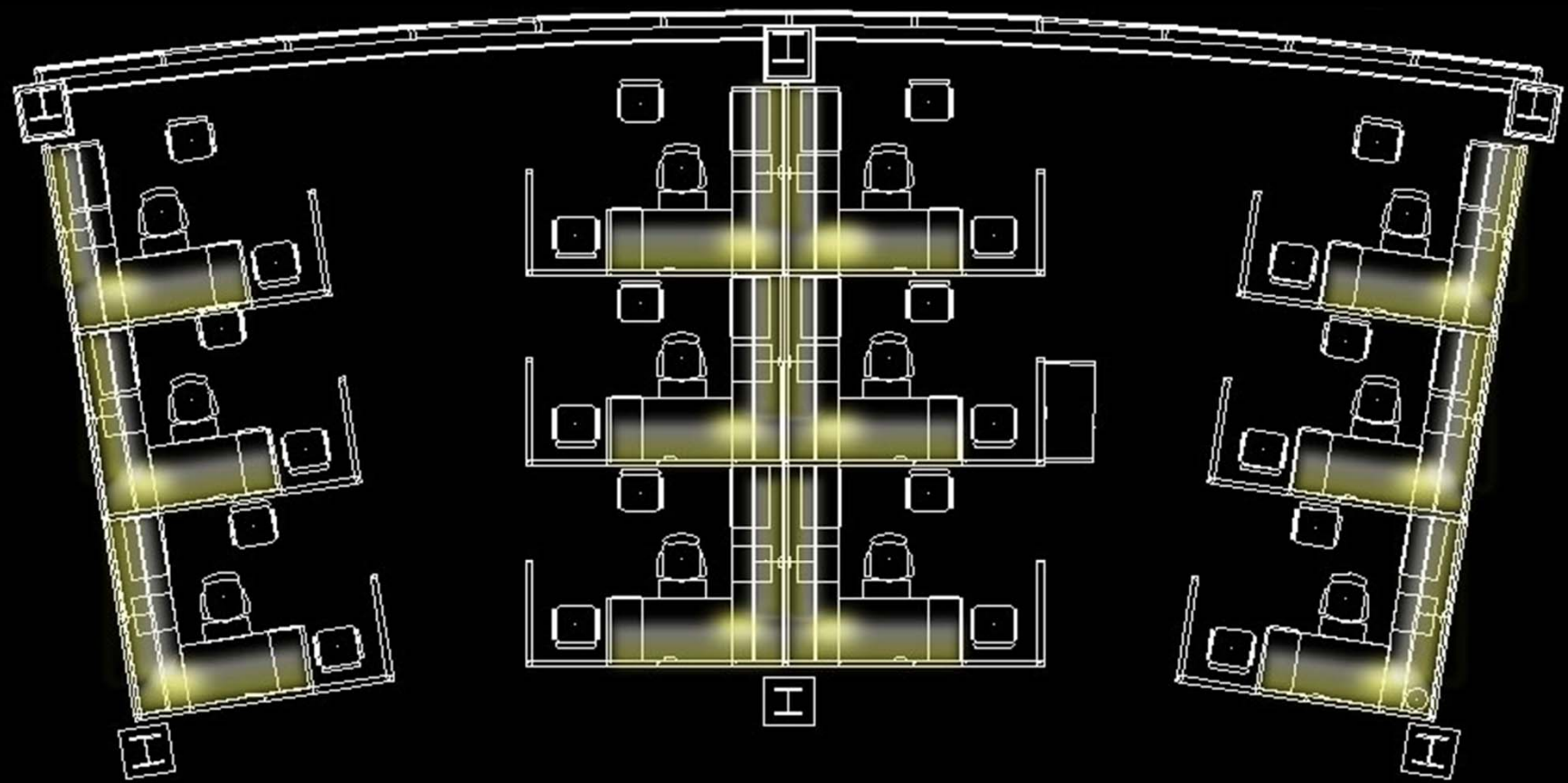


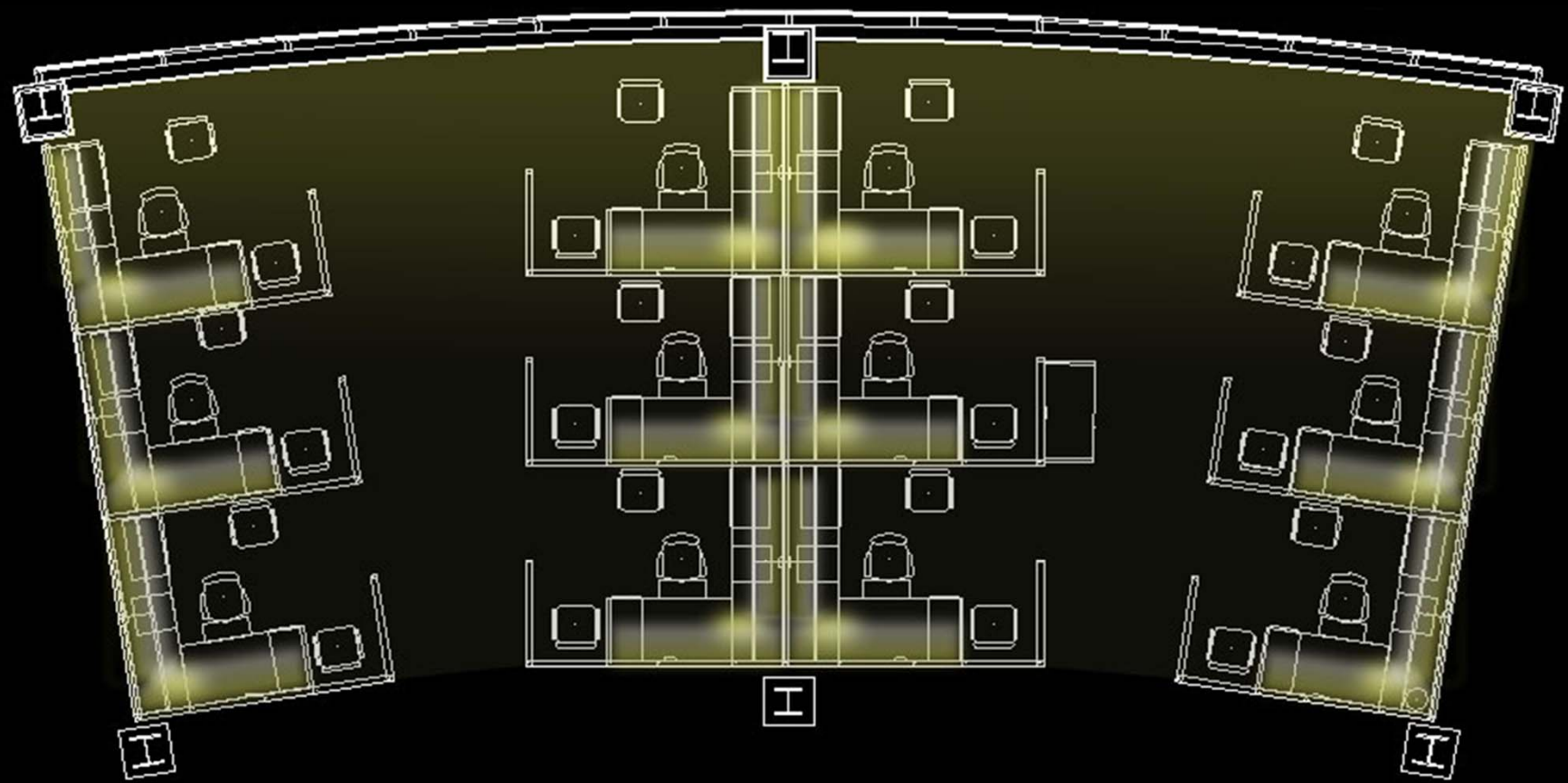
WORK SPACE | OPEN OFFICE



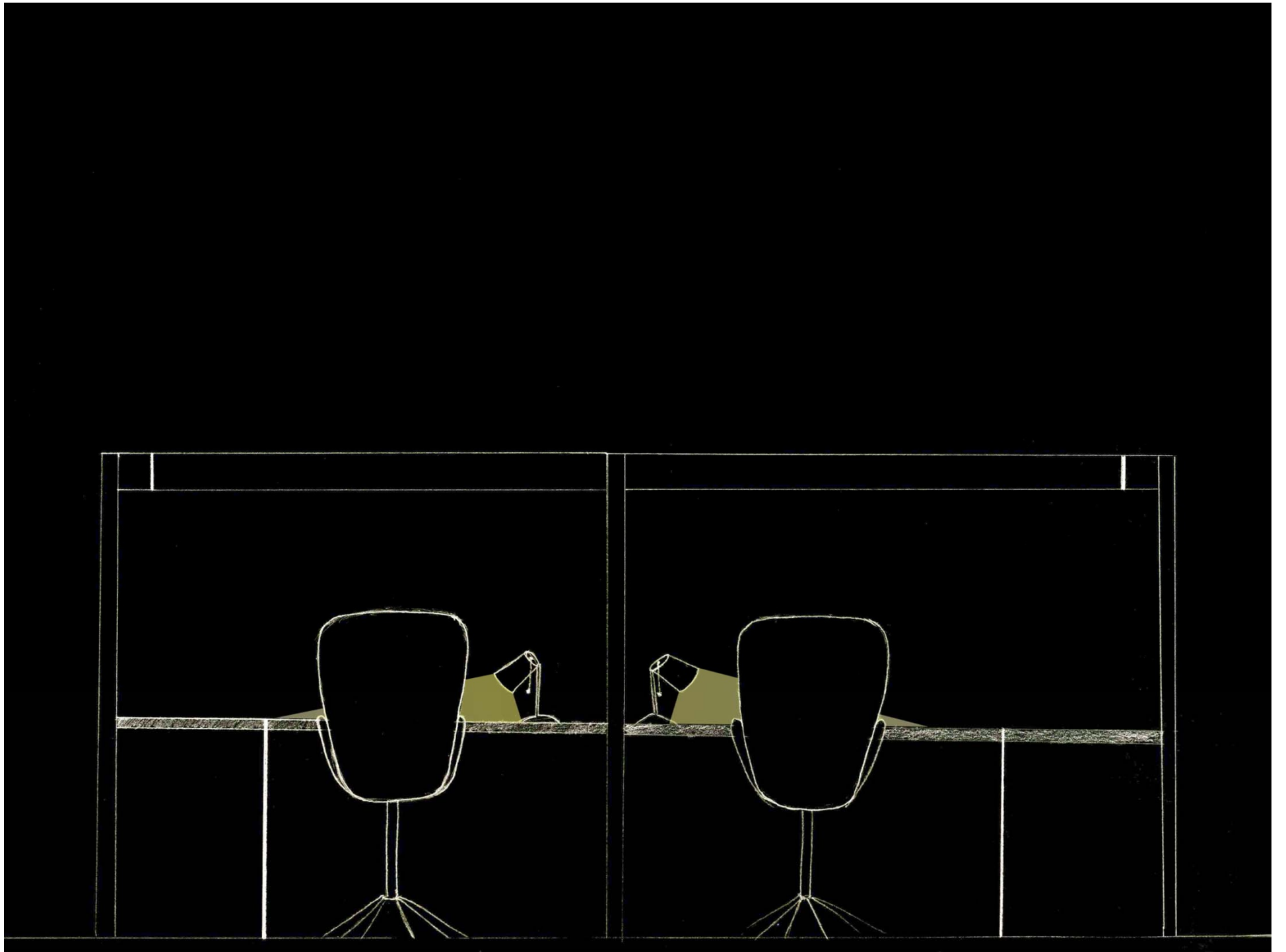


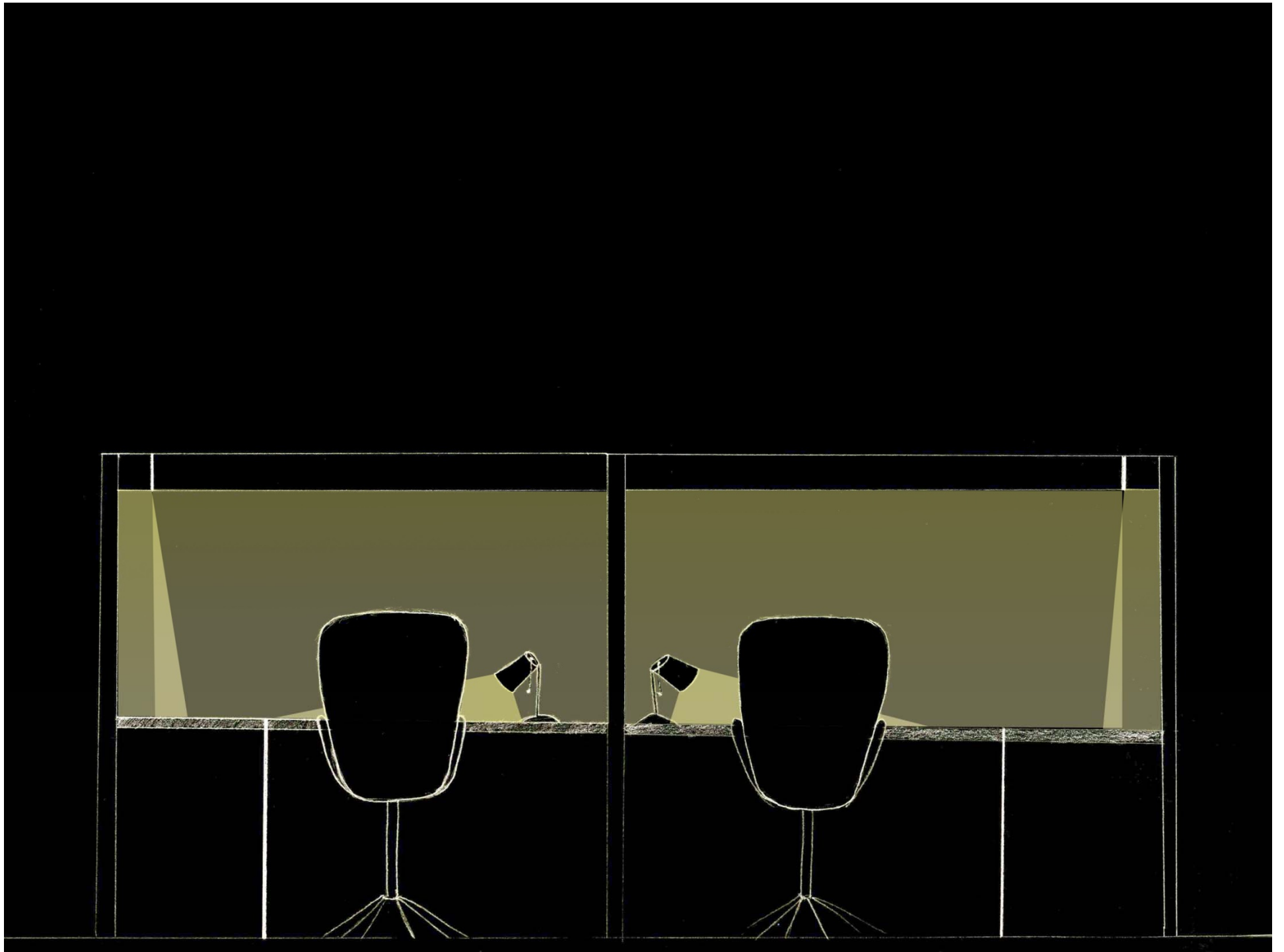


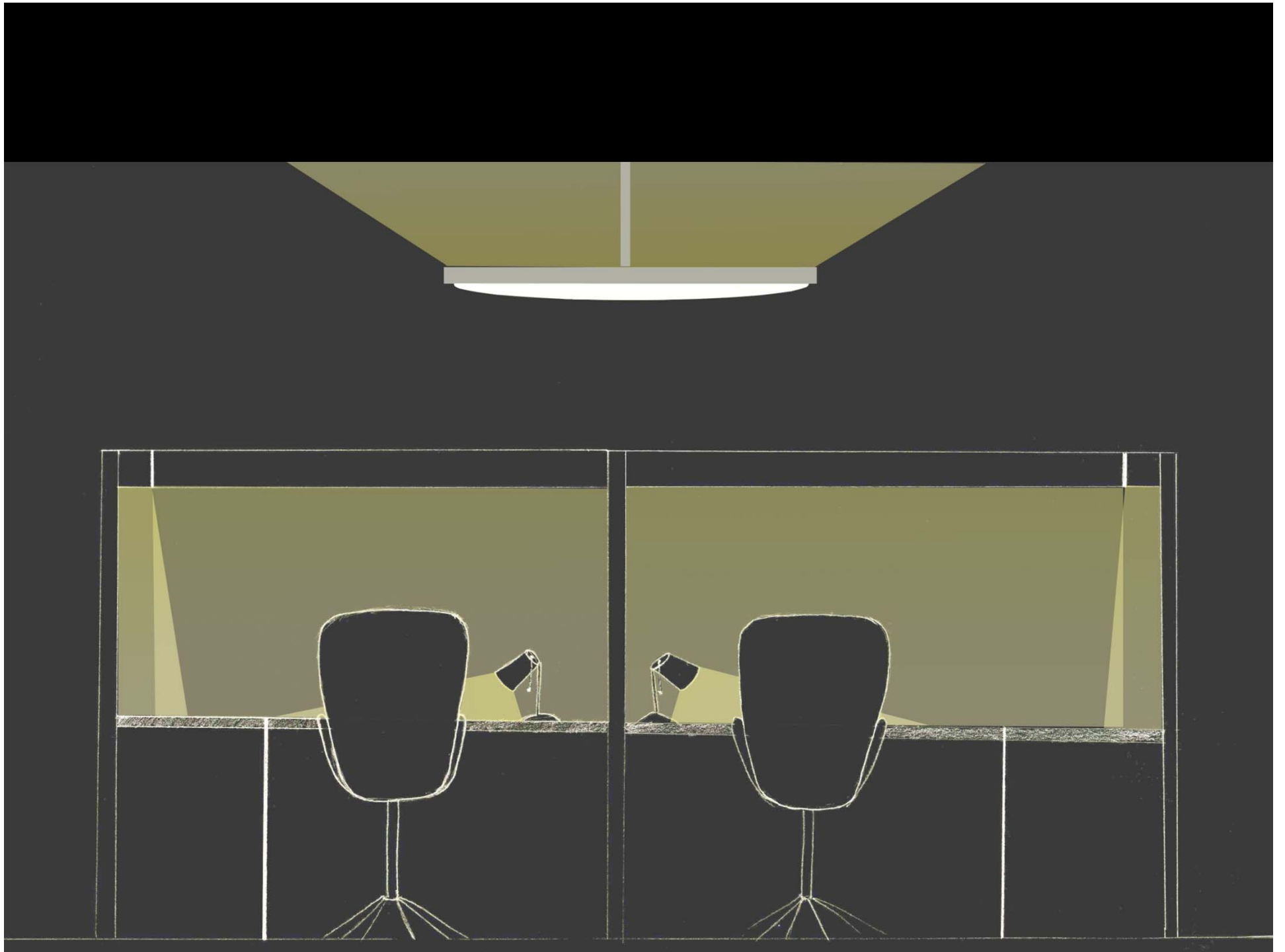


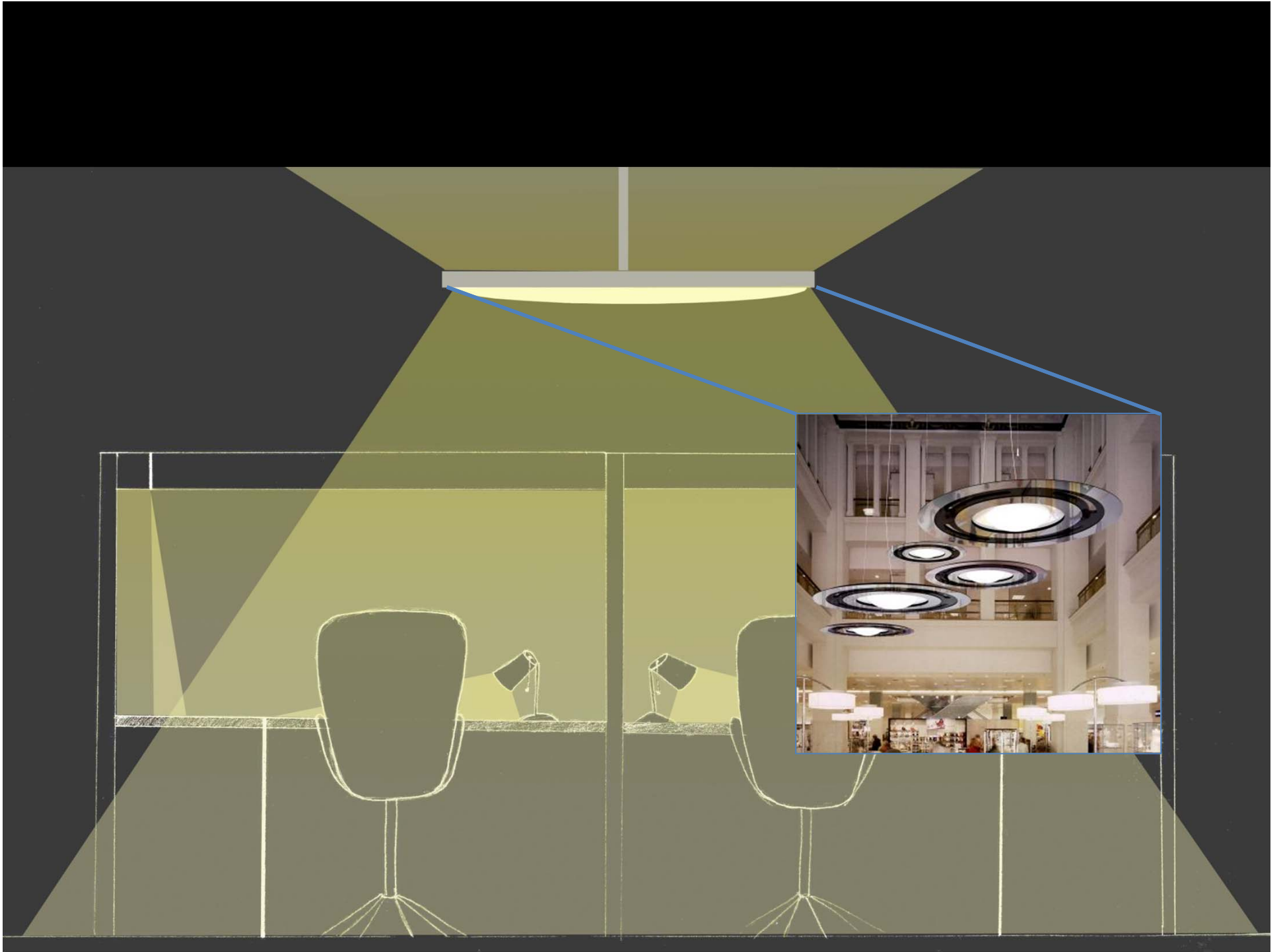


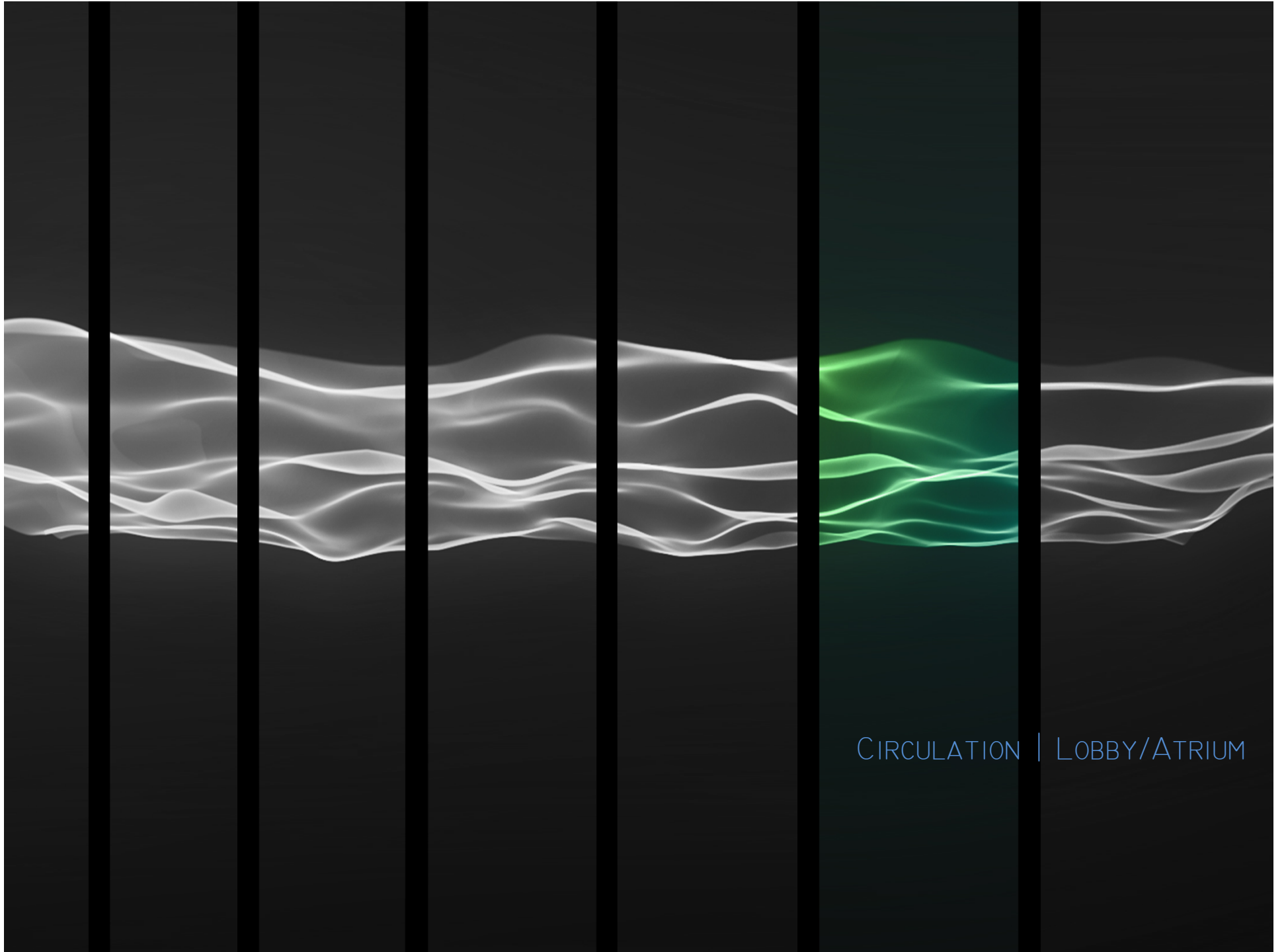






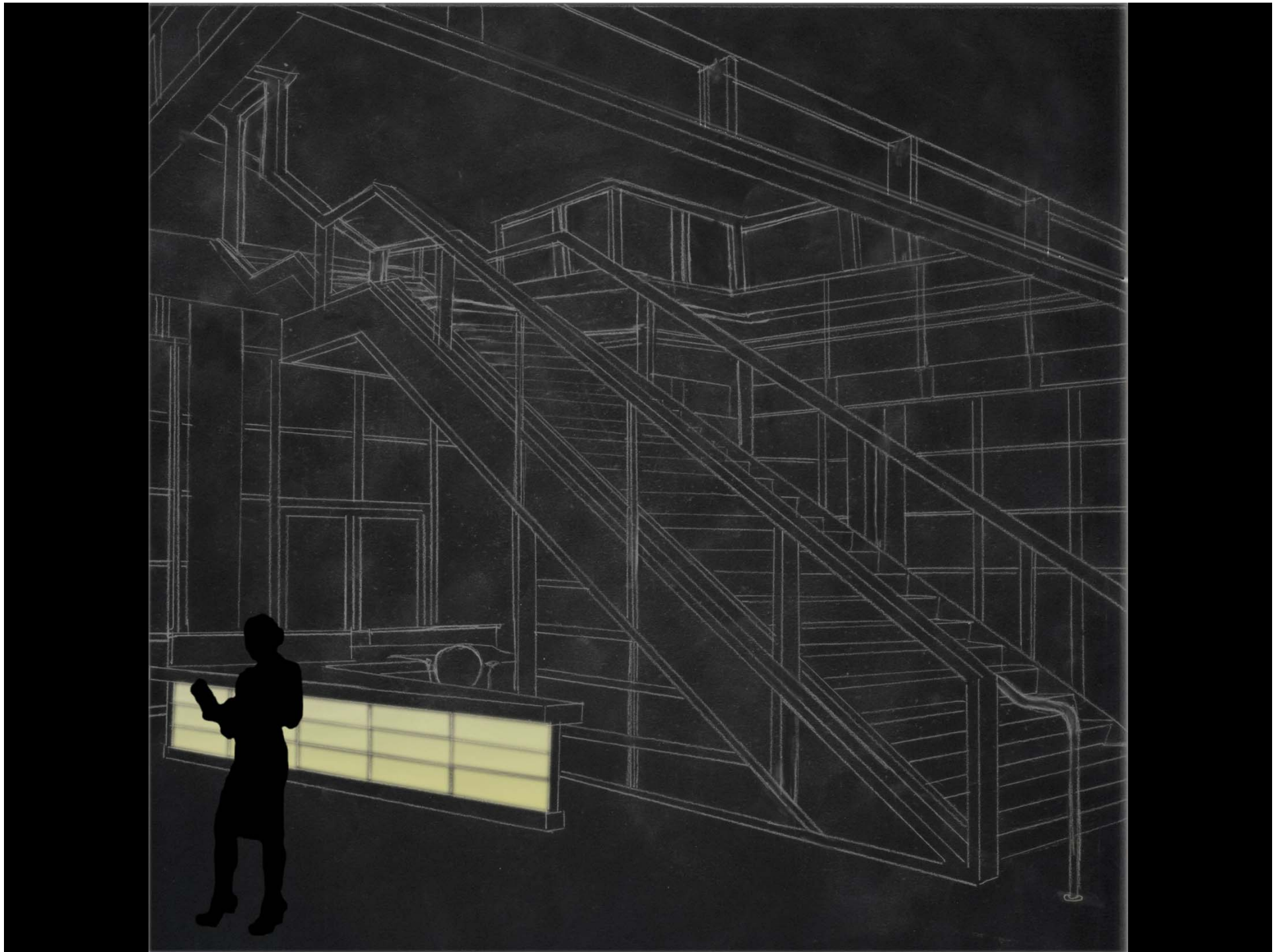


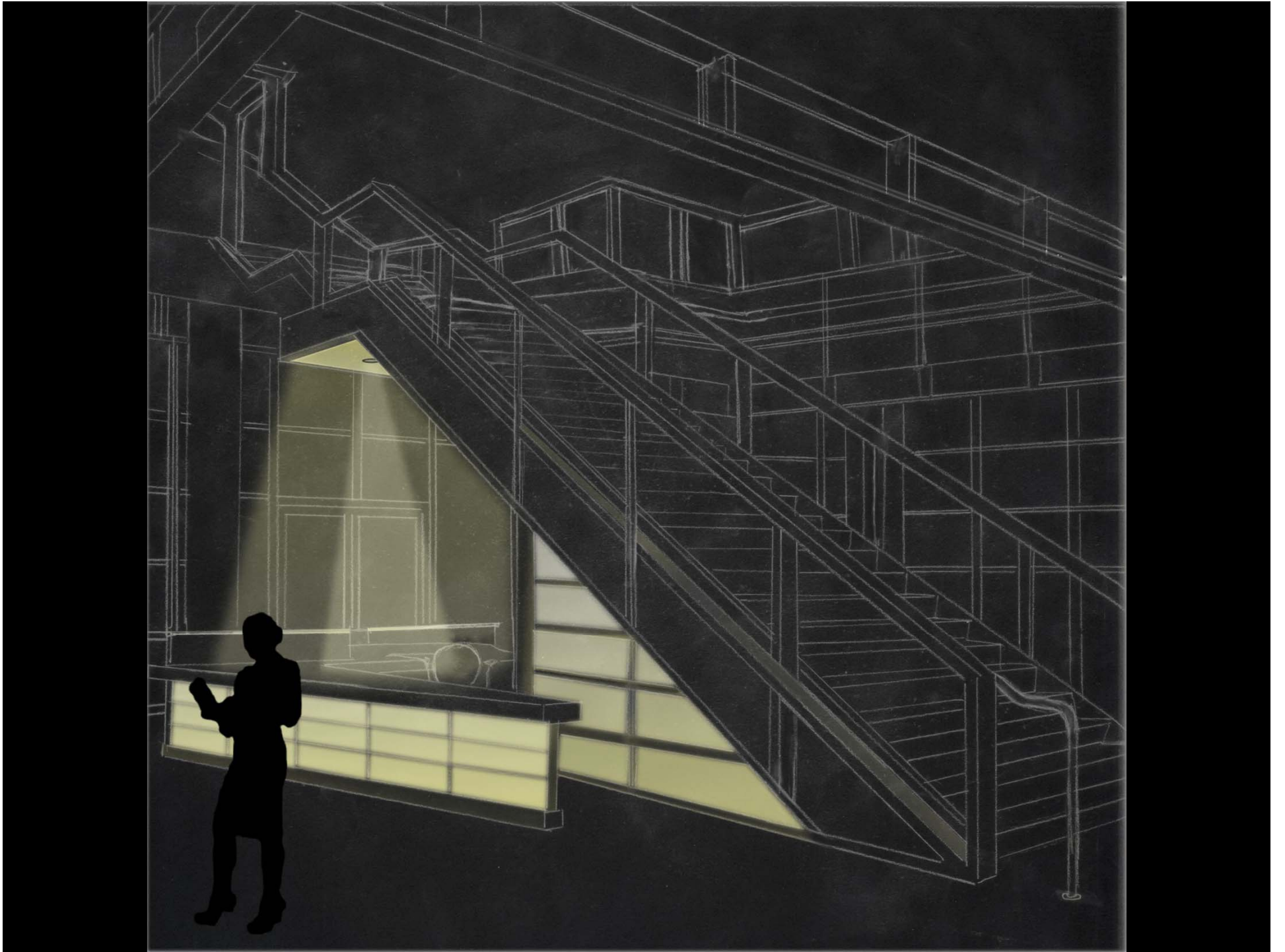


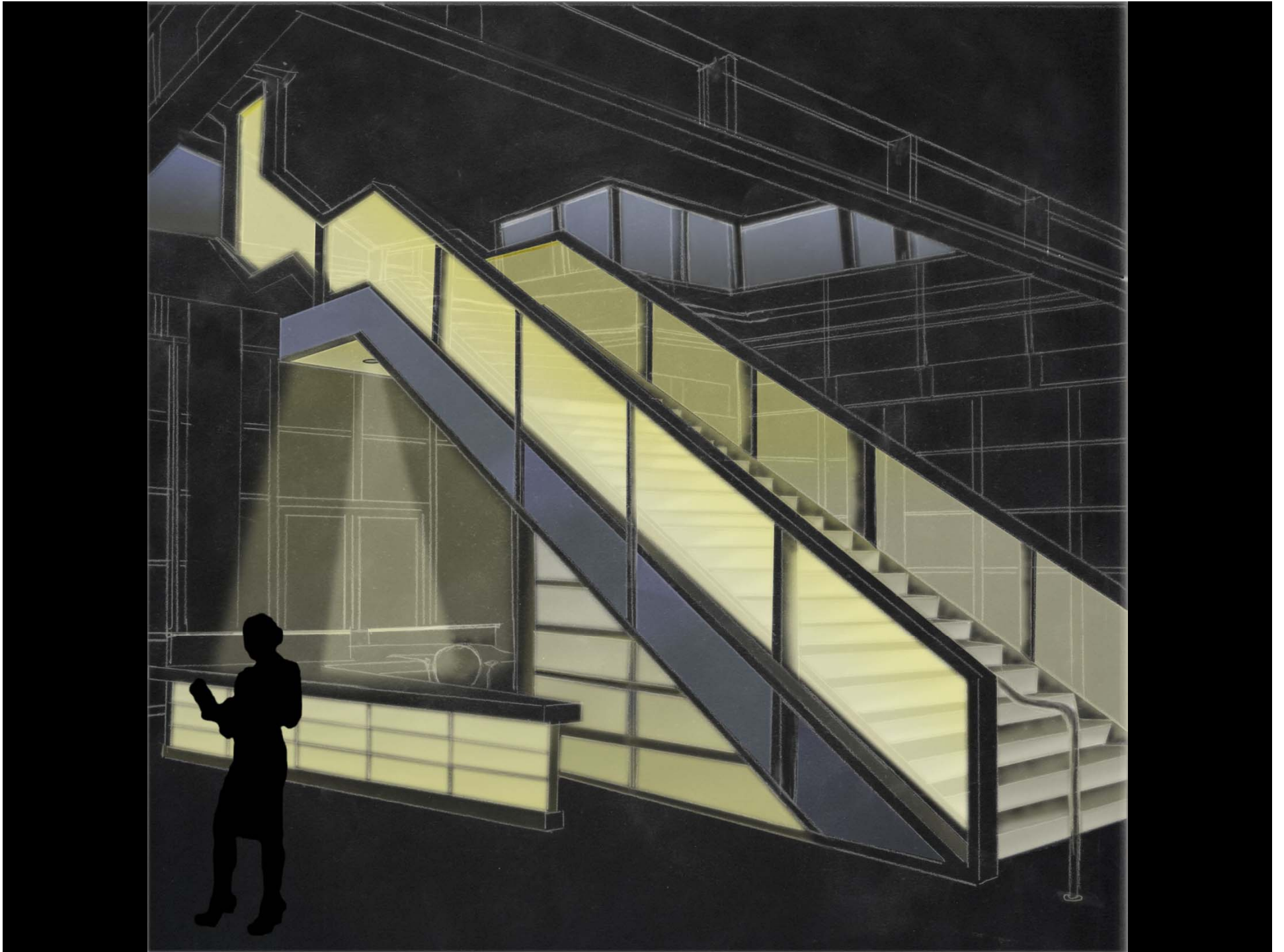


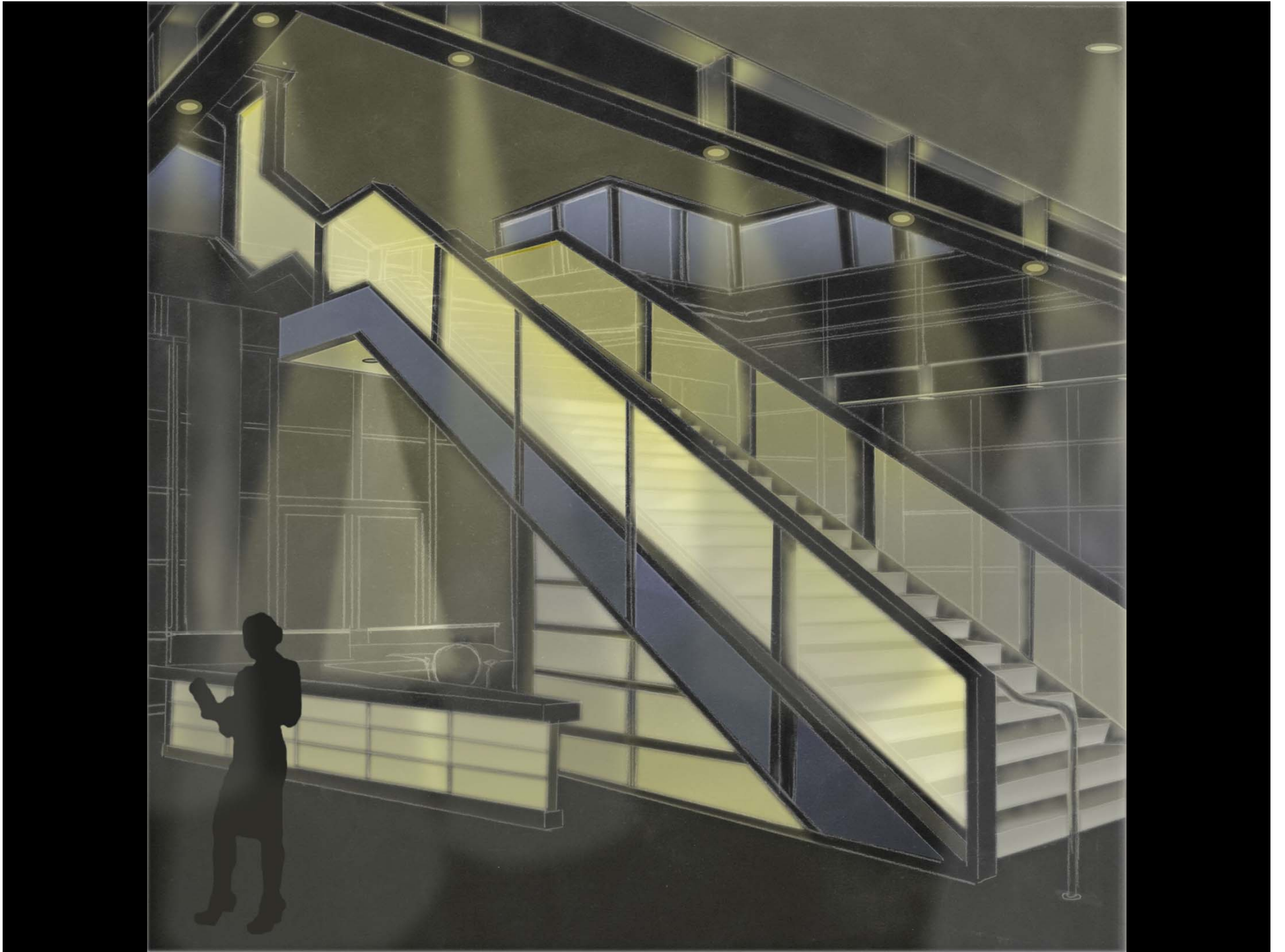
CIRCULATION | LOBBY/ATRIUM

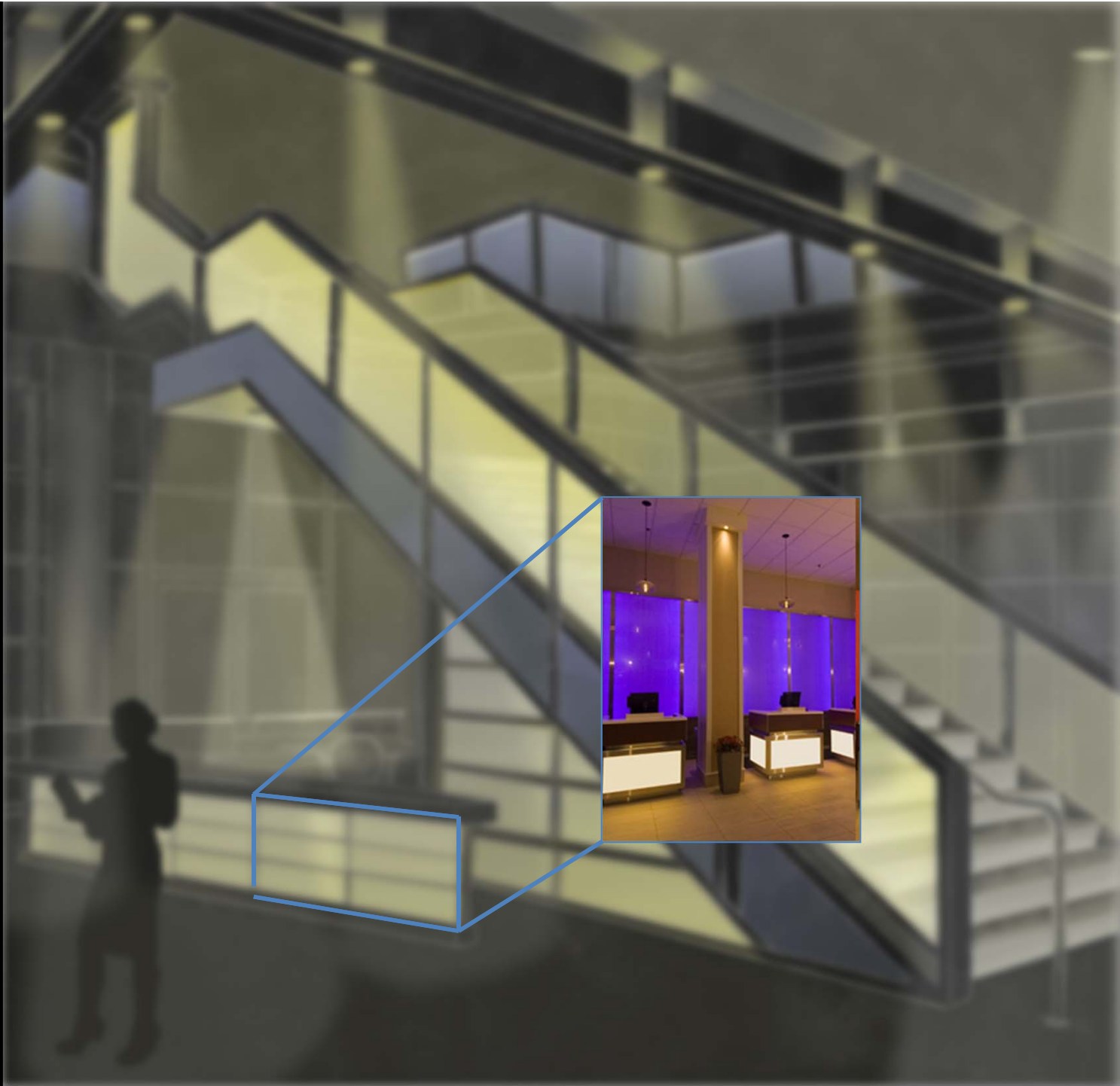


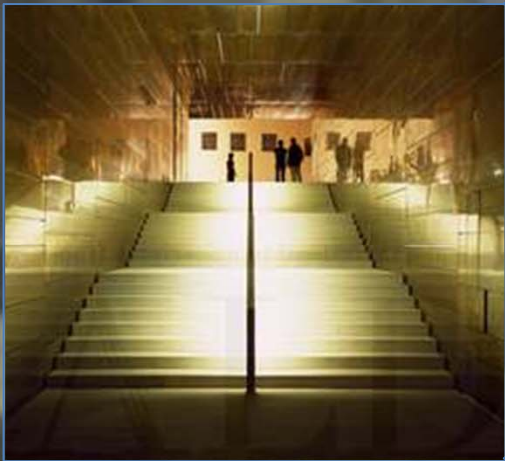
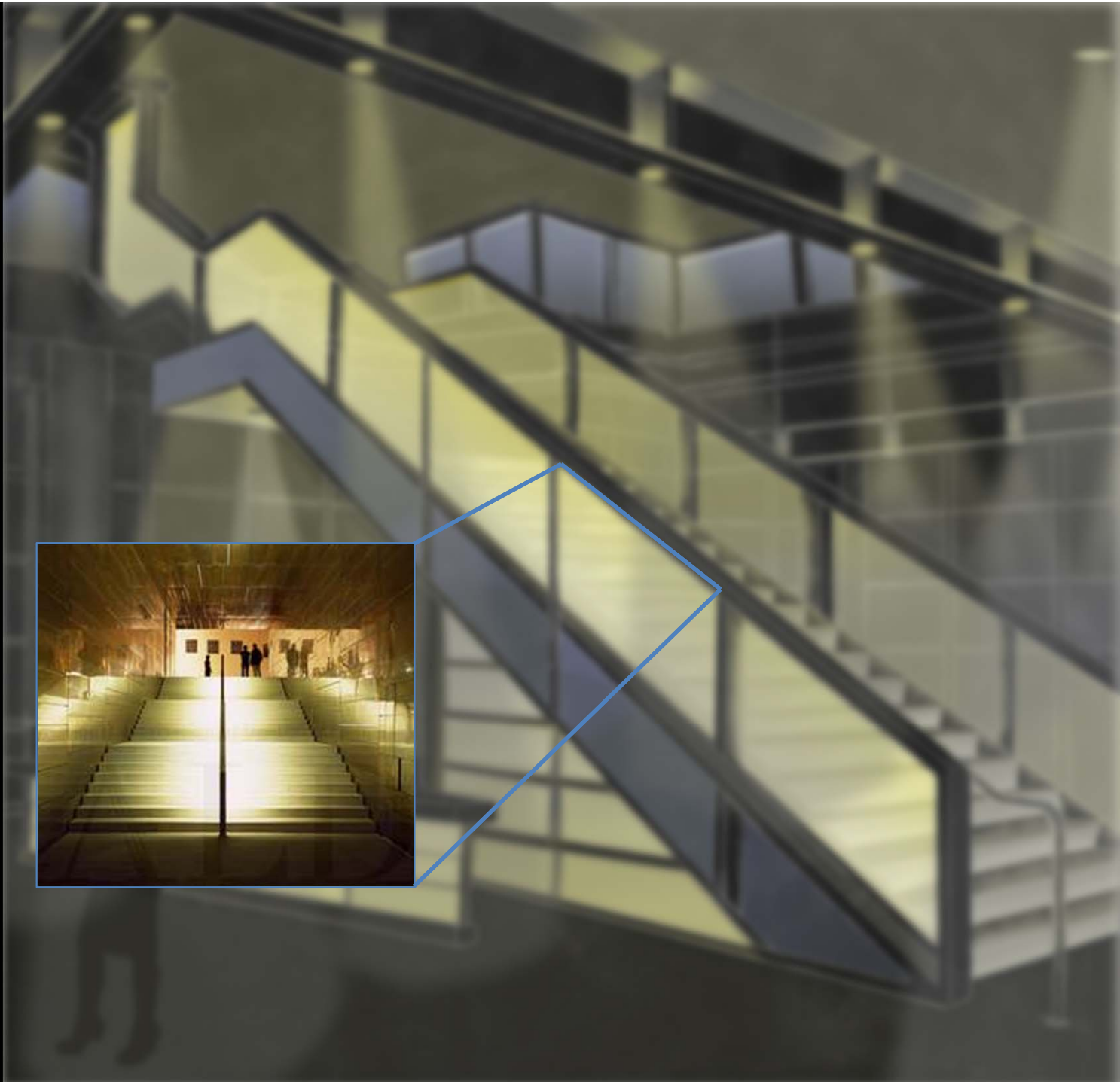


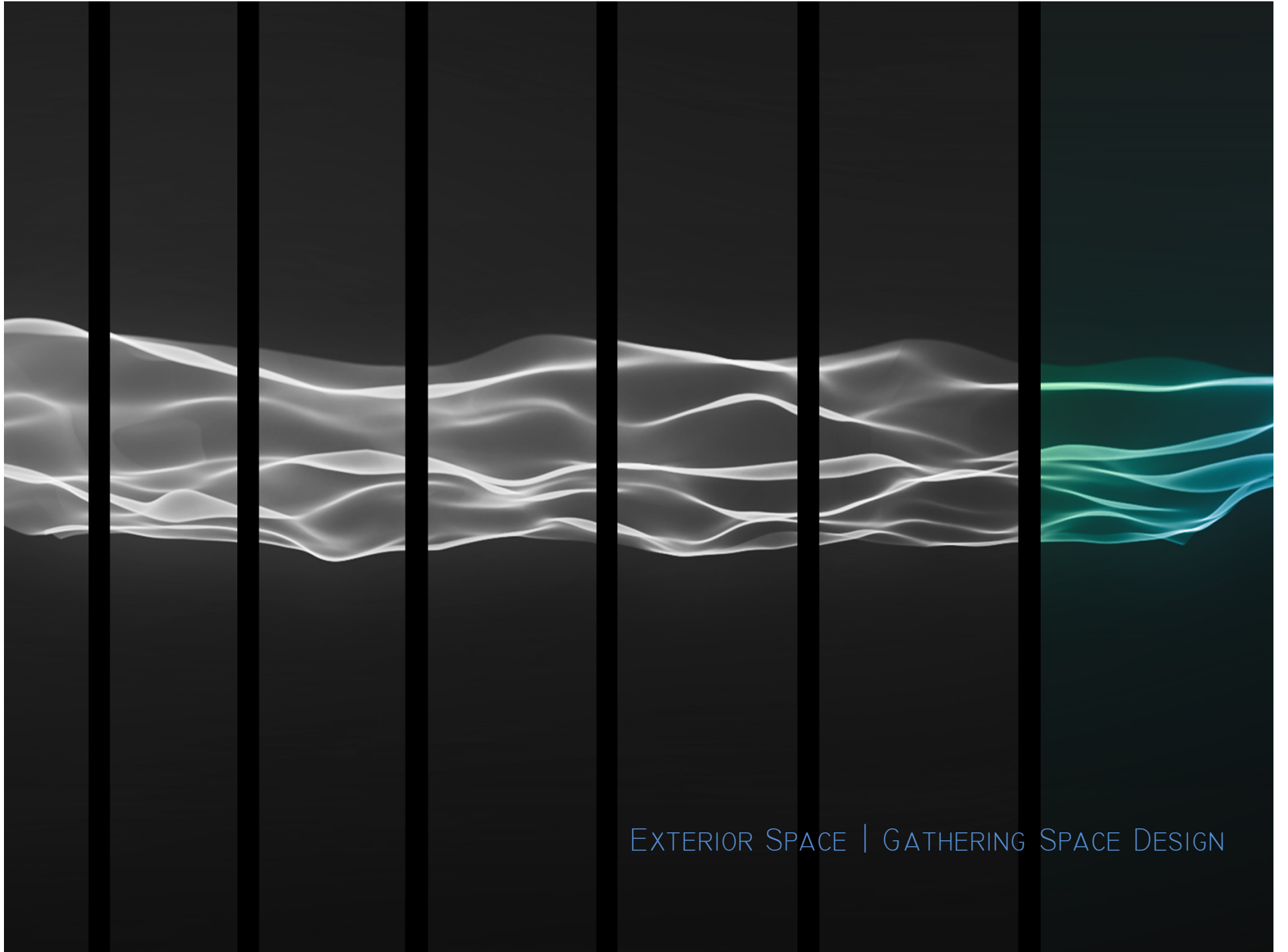












EXTERIOR SPACE | GATHERING SPACE DESIGN

