

# IPRO 335

## GREEN BUILDING DESIGN CONCEPTS & INTEGRATION

### PROJECT INFORMATION

#### BUILDING INFORMATION

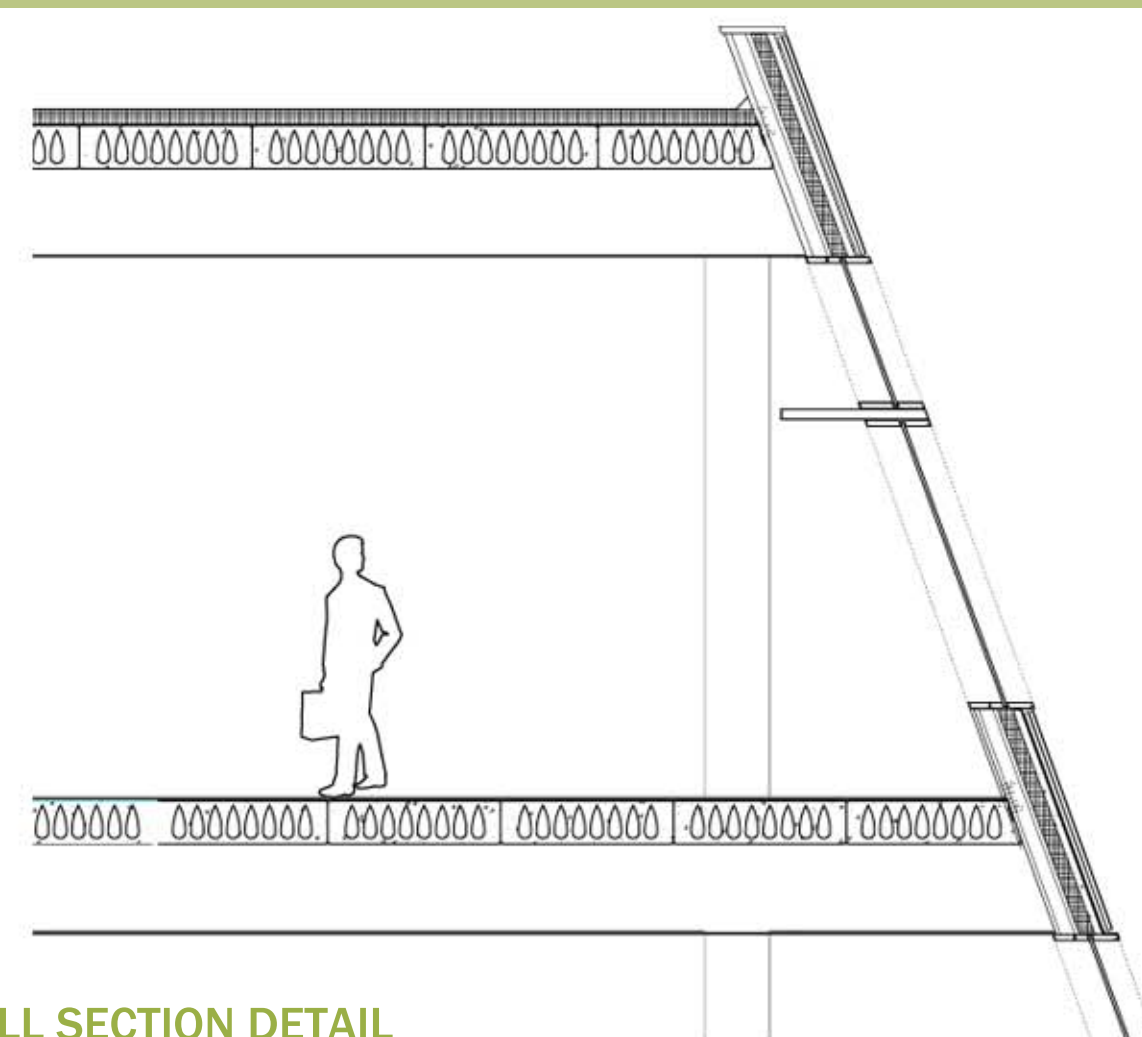
- 5 Story Mixed Use Building
- 120' x 500' Building Footprint
- LEED Gold Certification
- Spancrete Stuctural Members
- Site: Corner of W. North Ave. & N. Kostner Chicago, IL 60639

#### TEAM MEMBERS & ASSIGNMENTS

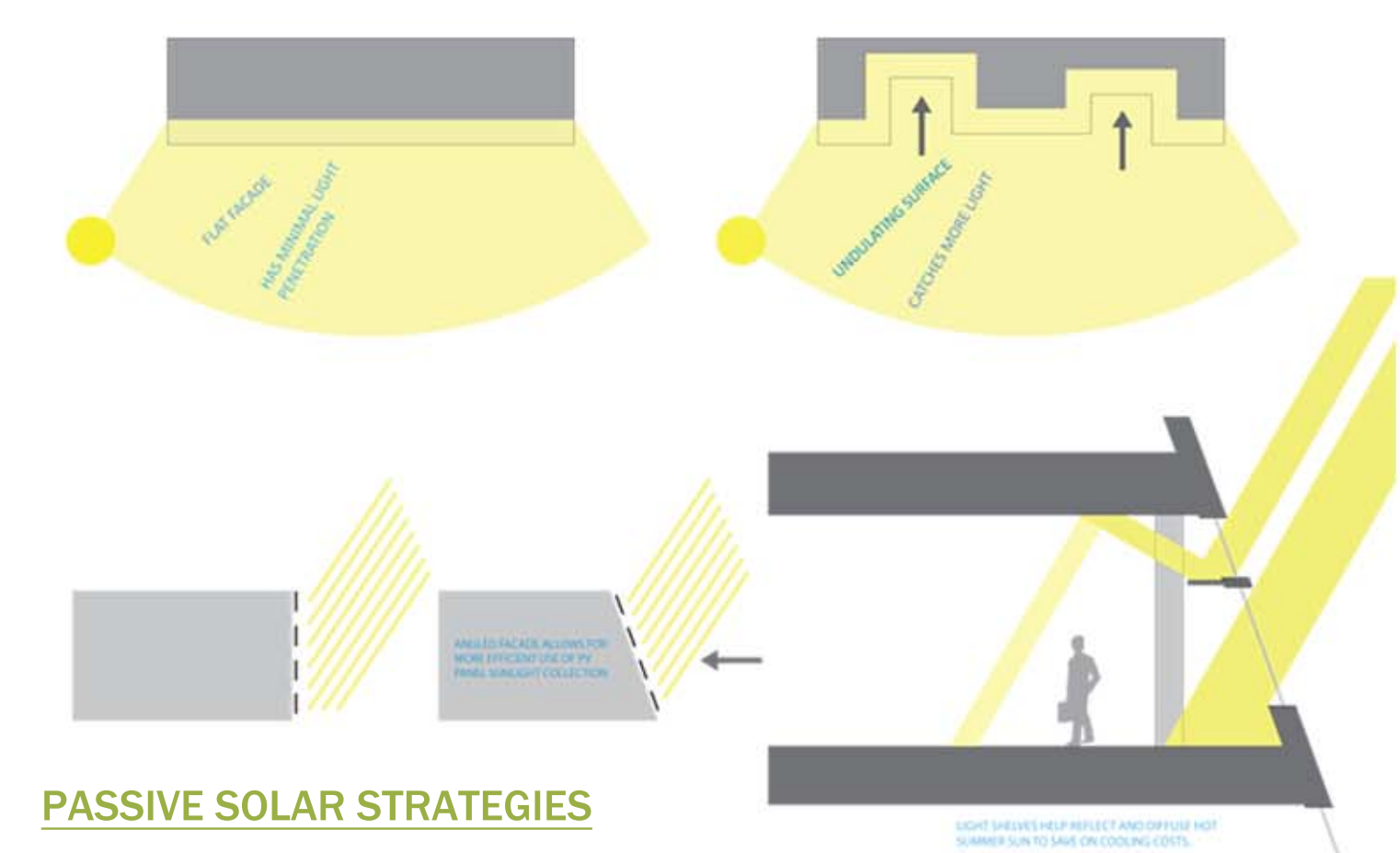
Team Members	Topic of Research
Alli Razeq & Eric Dexter	Geothermal Systems
Andrew Mey & Adrian Leon	Wind Turbines
Jacqueline Schaefer & Justine Banda	Solar Heat Collection
Kibum Kim & Hye Um	Reusing Rain and Brown Water
Jon Okunaga & Joshua Bergerson	Structural design
Jeffrey Burke and Robert Christo	Building Model (AutoCAD)
Aris Avanesian	Building Energy Model
Andrew Mey & Alli Razeq	LEED Checklist

Architects	Engineers
Eric Dexter	Aris Avanesian (Team Leader)
Adrian Thovar Leon	Andrew Mey
Jacqueline Schaefer (Head Architect)	Jonathon Okunaga
Justine Banda	Alli Razeq (Project Engineer)
Kibum Kim	Joshua Bergerson
Hye Um	
Jeffrey Burke	
Robert Christo	

### ARCHITECTURAL DETAILS



WALL SECTION DETAIL



PASSIVE SOLAR STRATEGIES

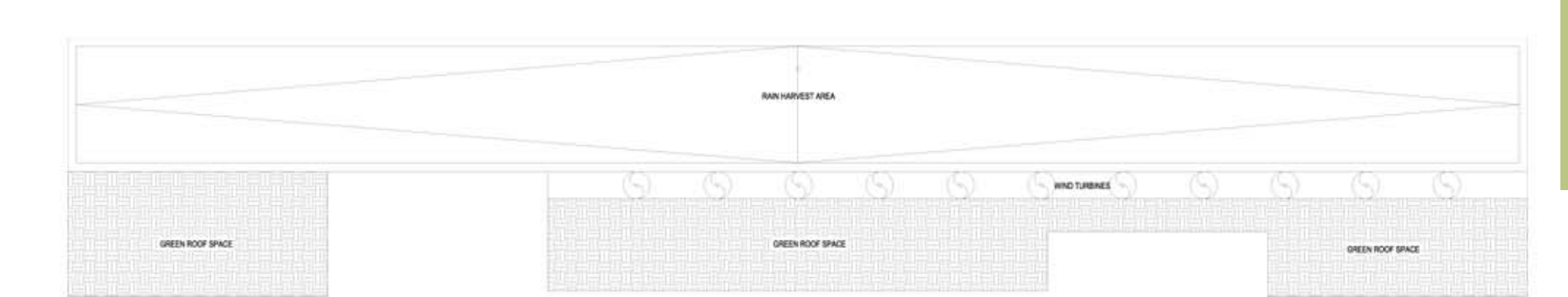
### EXTERIOR VIEWS



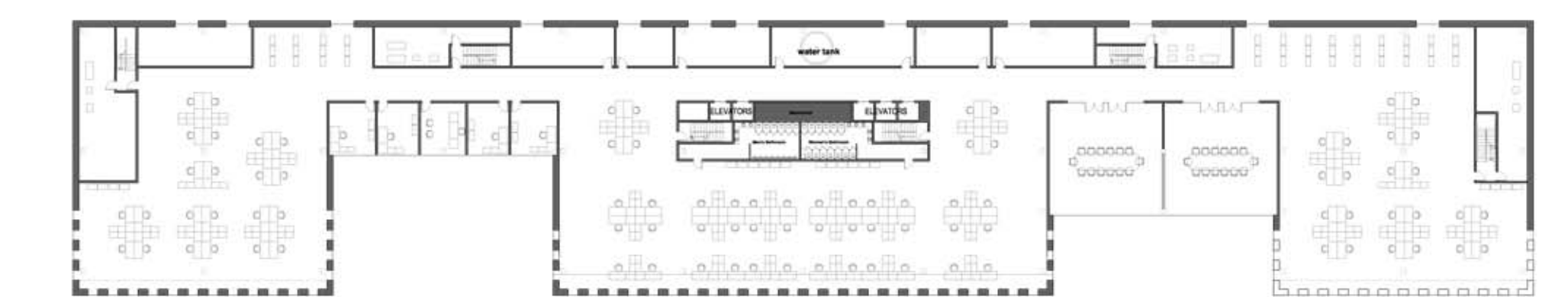
### INTERIOR VIEWS



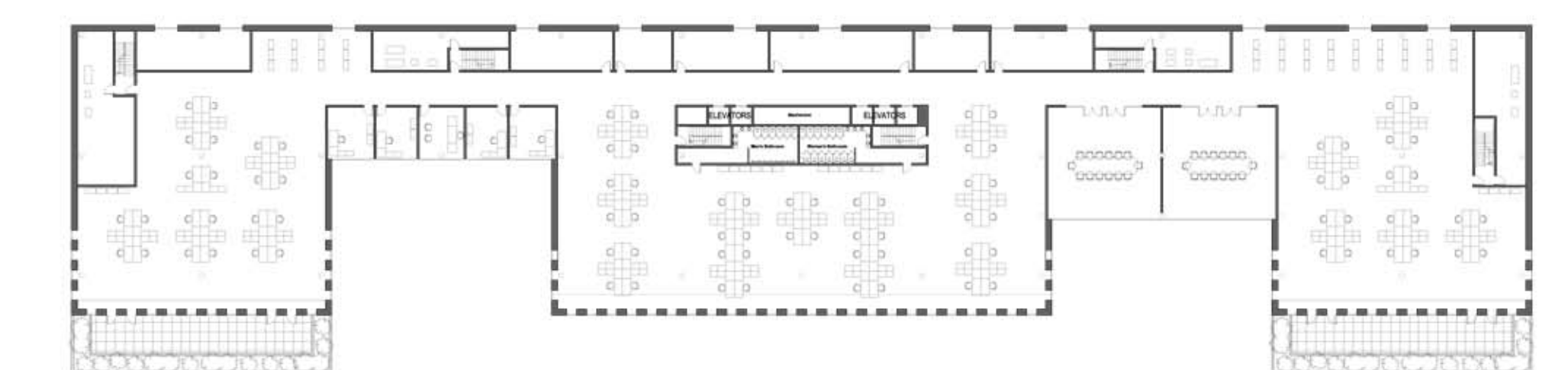
### ARCHITECTURAL DRAWINGS



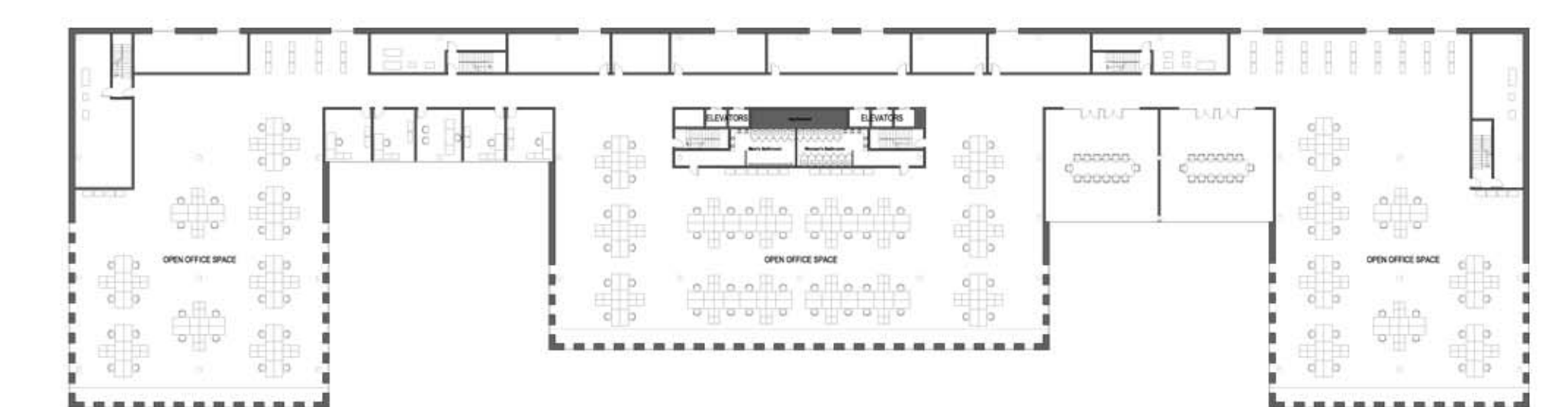
ROOF PLAN



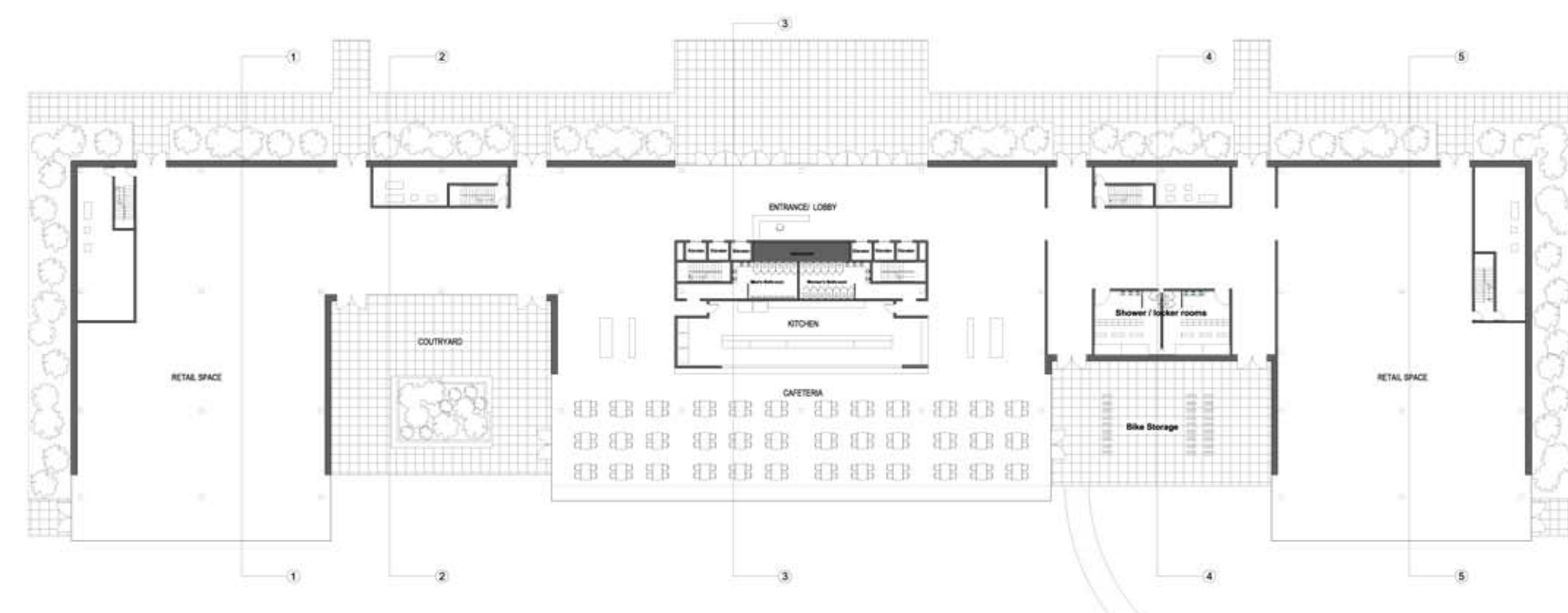
5th FLOOR PLAN



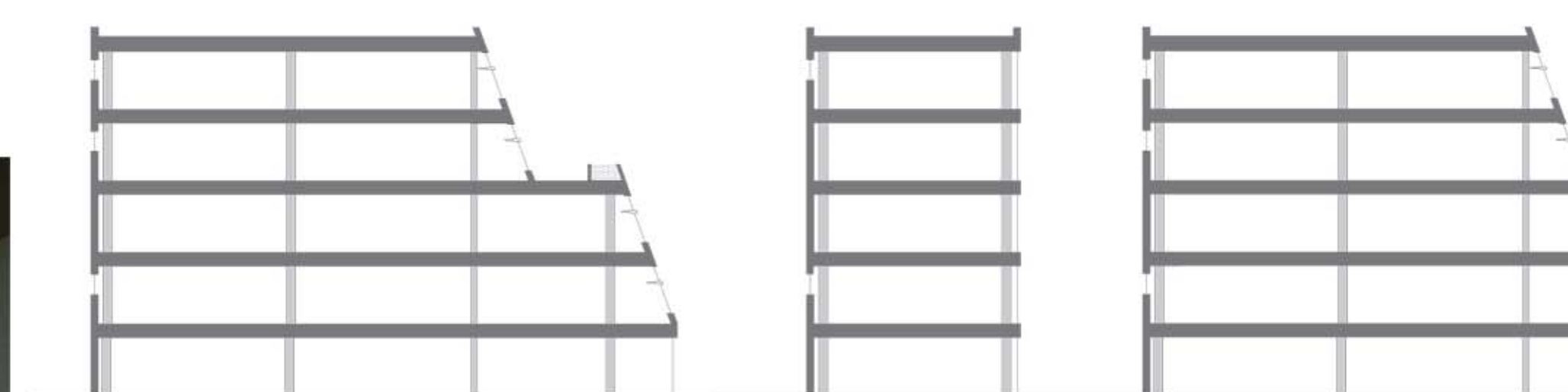
4th FLOOR PLAN



2nd & 3rd FLOOR PLANS



GROUND FLOOR PLAN



SECTION 1

SECTION 2

SECTION 3

SECTION 4

SECTION 5