SISTEMI CONCORRENTI

THOMAS TOVAR
JULYAN CADENA

PROPOSED SCHEME

BASE

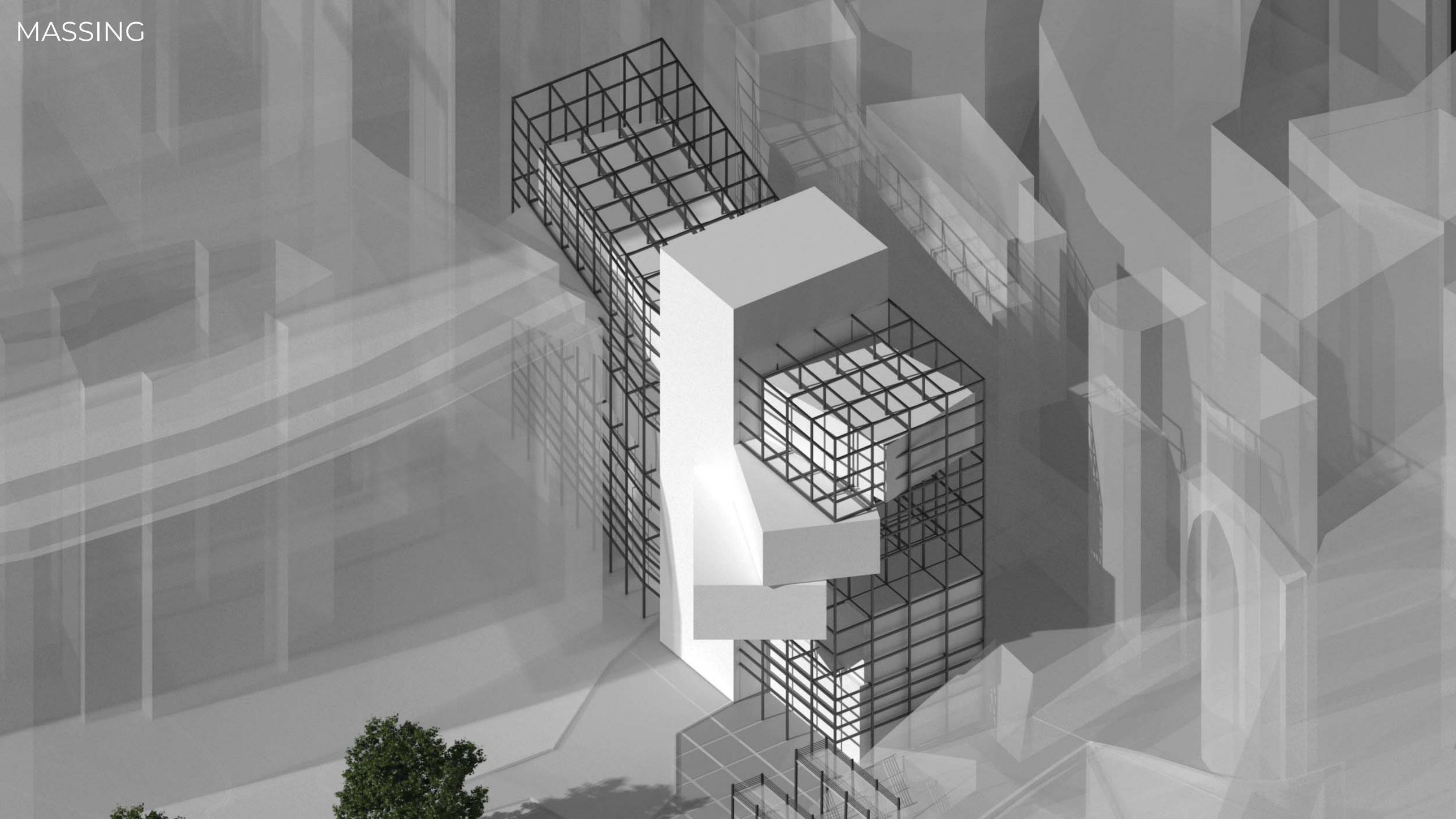
TOWERS AXIS

SITE ENTRY

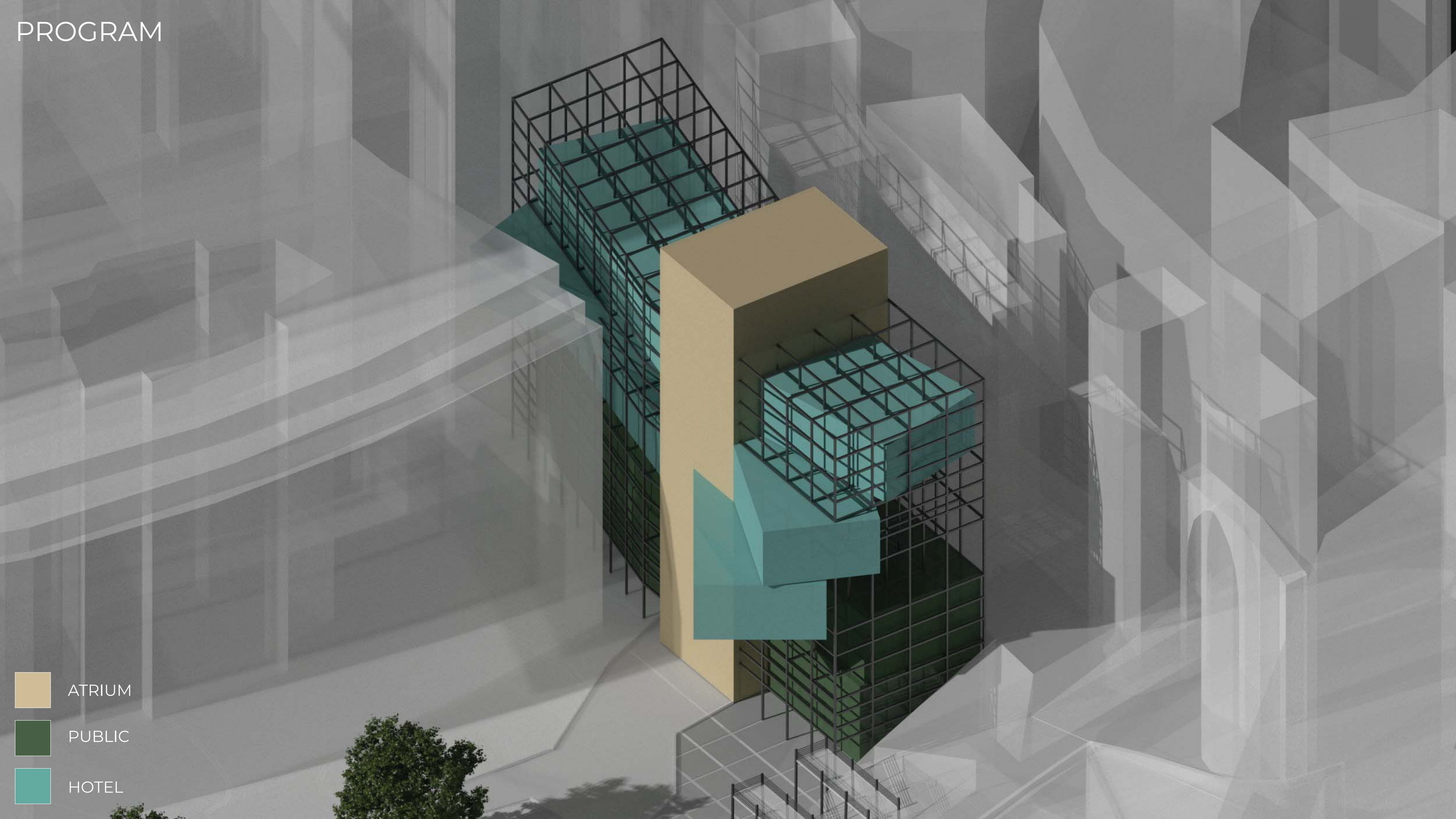
PROPOSED BUILDING AXIS

PROPOSED SITE GRID

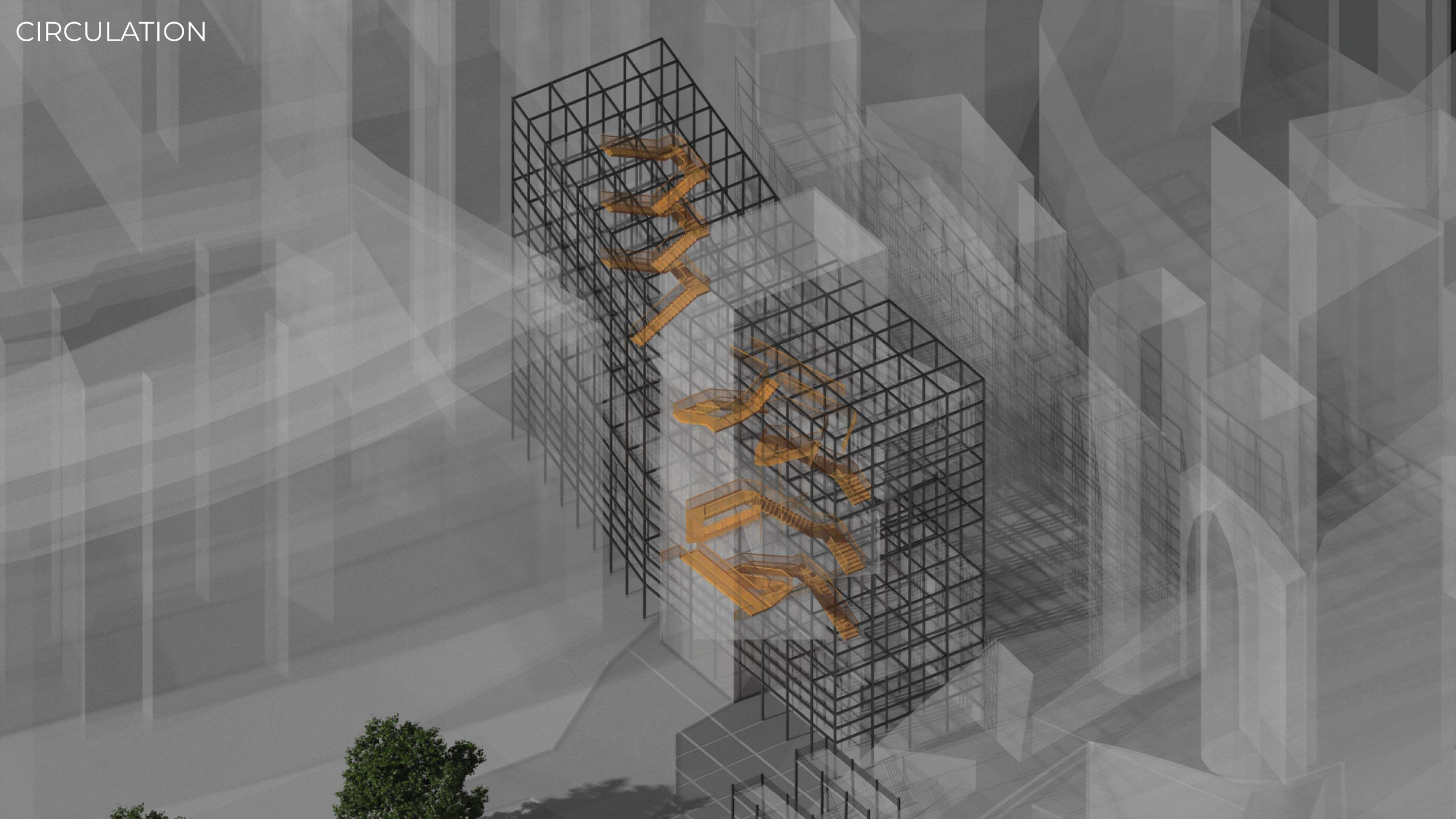
MASSING



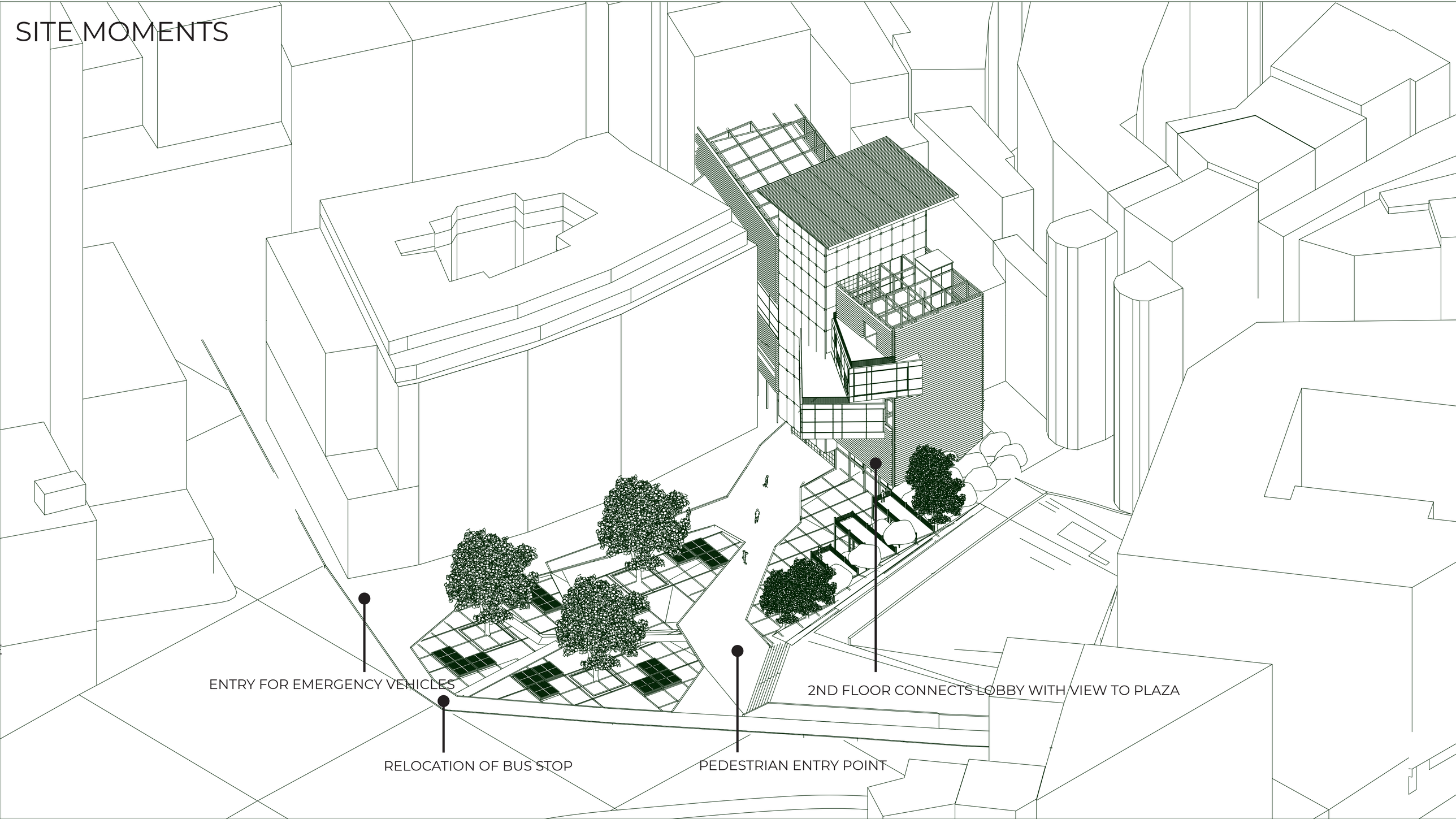
PROGRAM



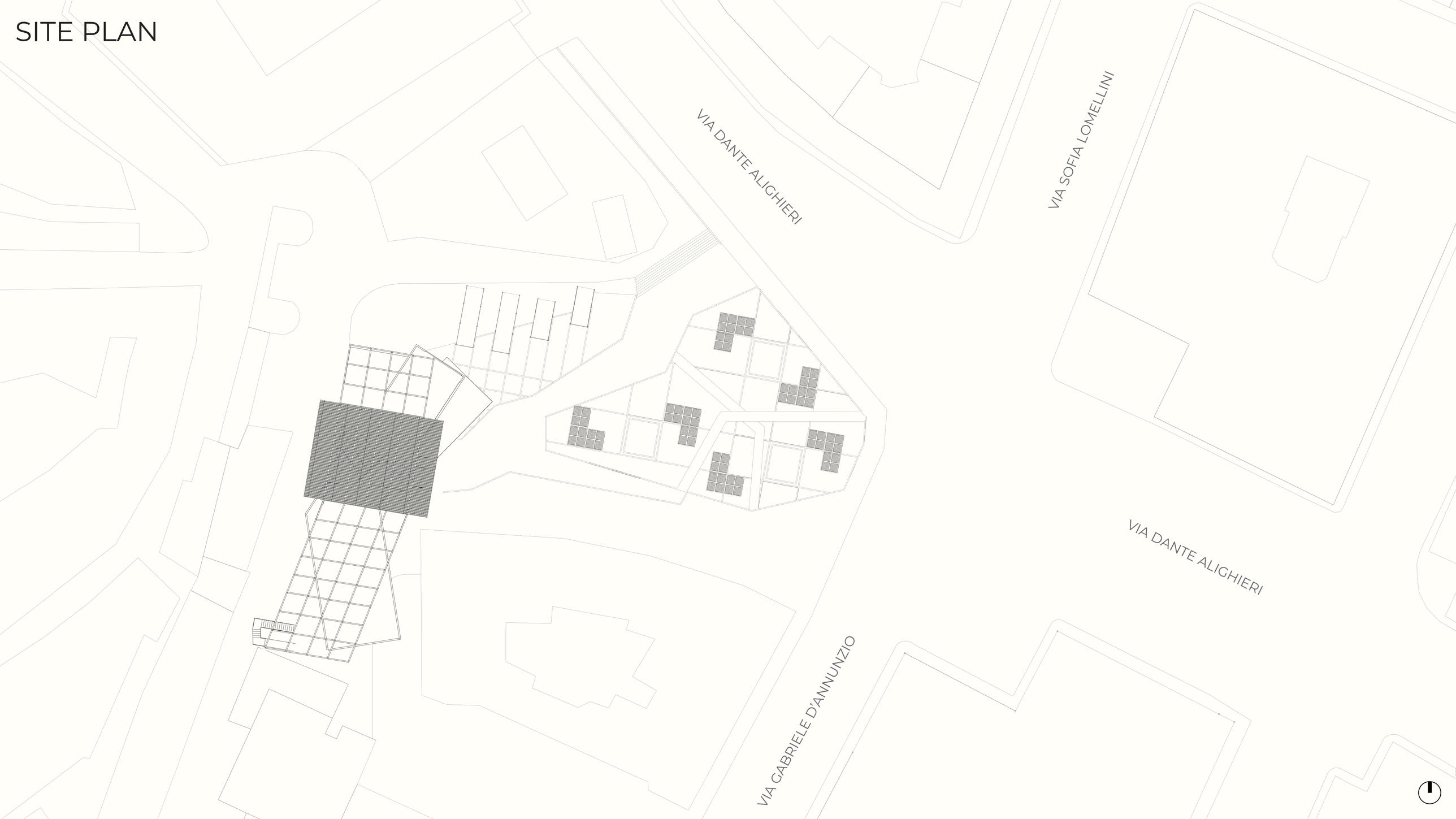
CIRCULATION



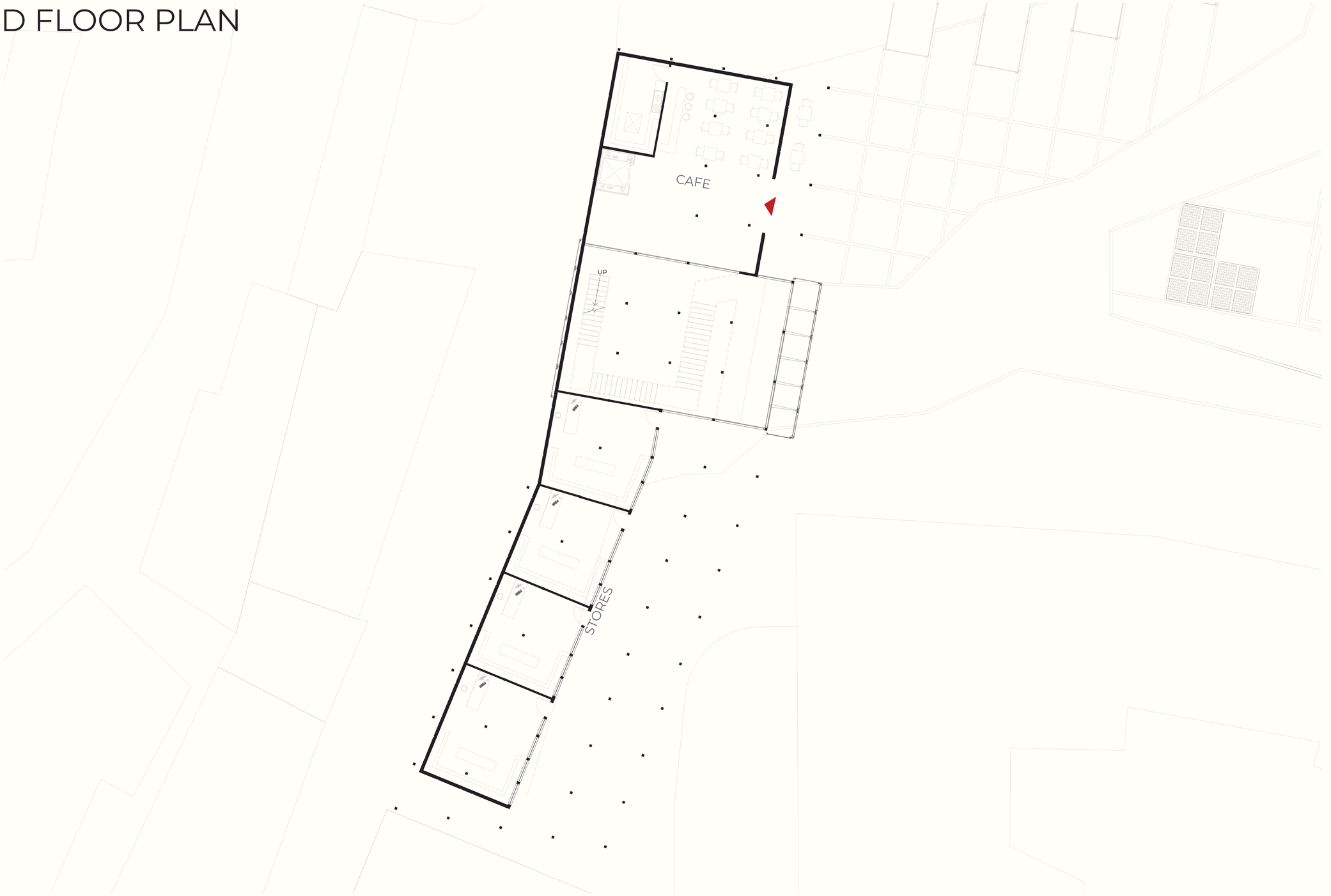
SITE MOMENTS



SITE PLAN


VIA DANTE ALIGHIERI
VIA SOFIA LOMELLINI
VIA DANTE ALIGHIERI
VIA GABRIELE D'ANNUNZIO

GROUND FLOOR PLAN



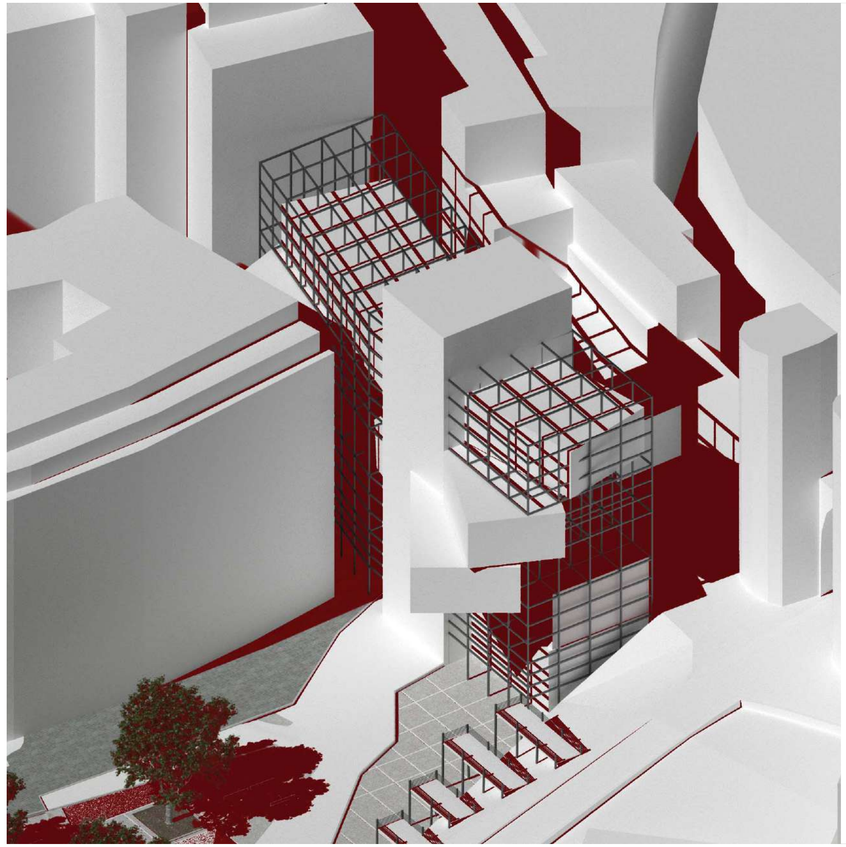
SECOND FLOOR PLAN

FOURTH FLOOR PLAN

LONG SECTION

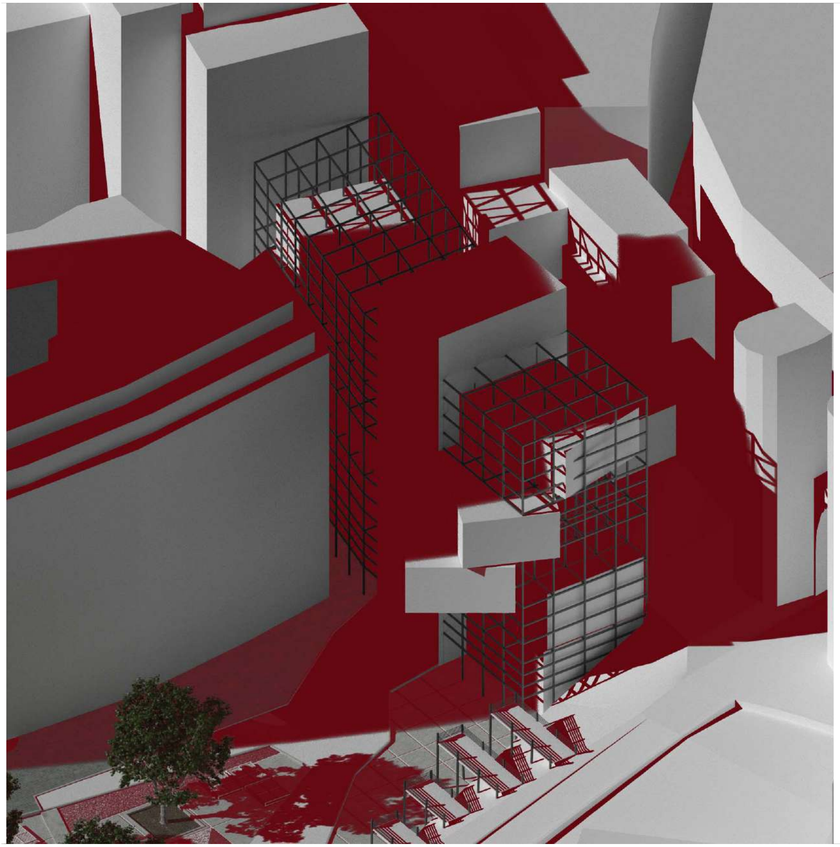
SUN STUDY
9AM

SUMMER



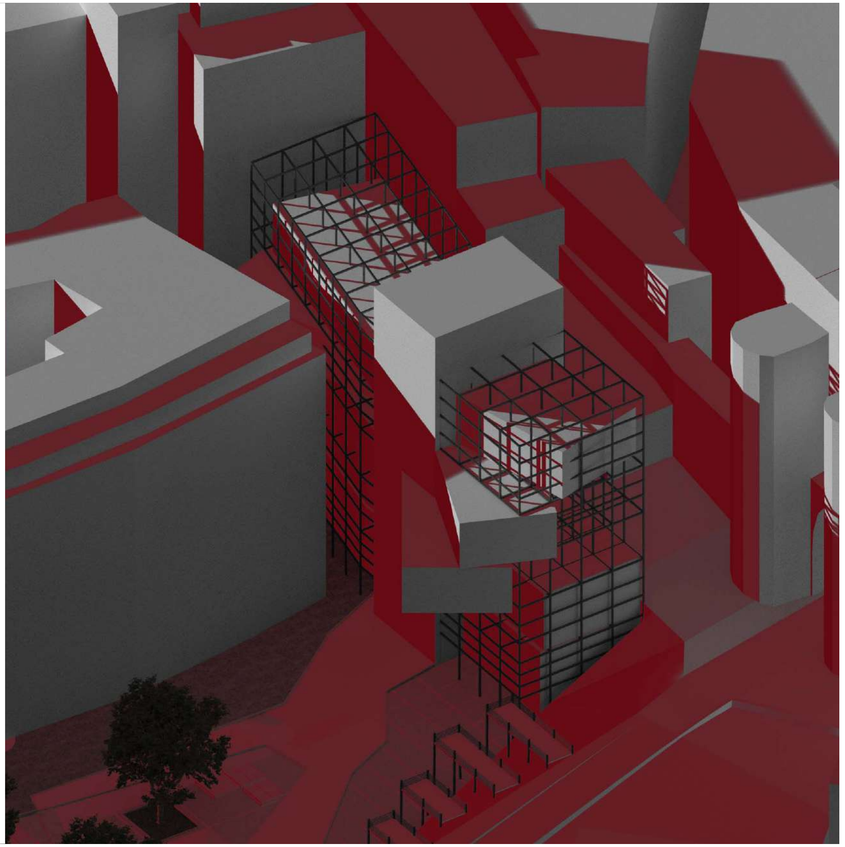
AZIMUTH 100
ALTITUDE 45

FALL



AZIMUTH 123
ALTITUDE 30

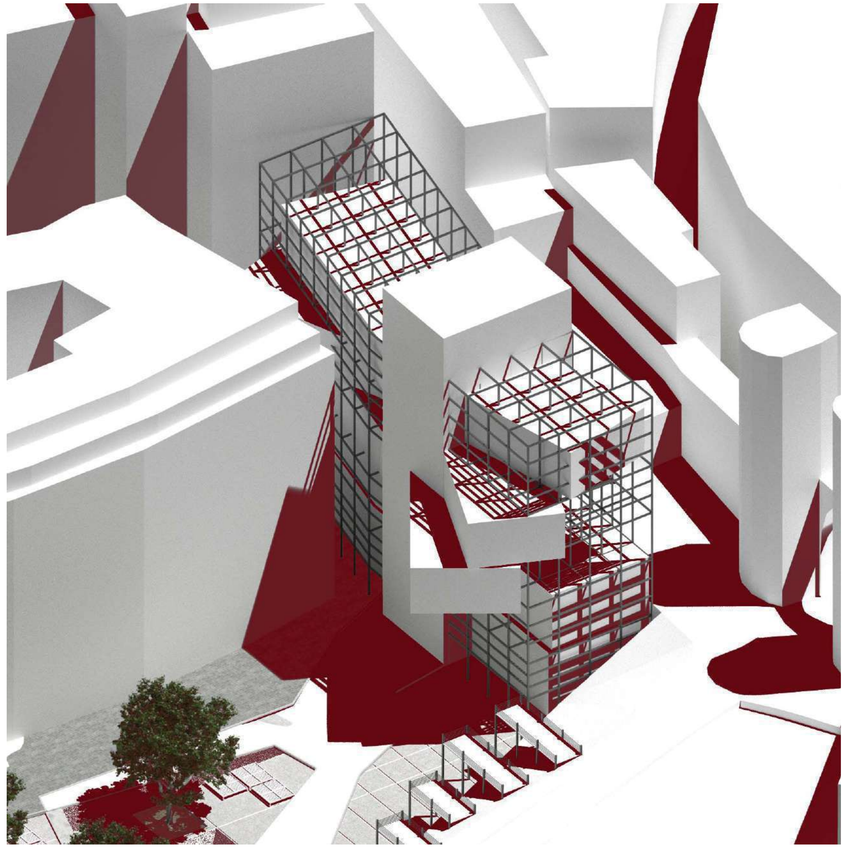
WINTER



AZIMUTH 148
ALTITUDE 16

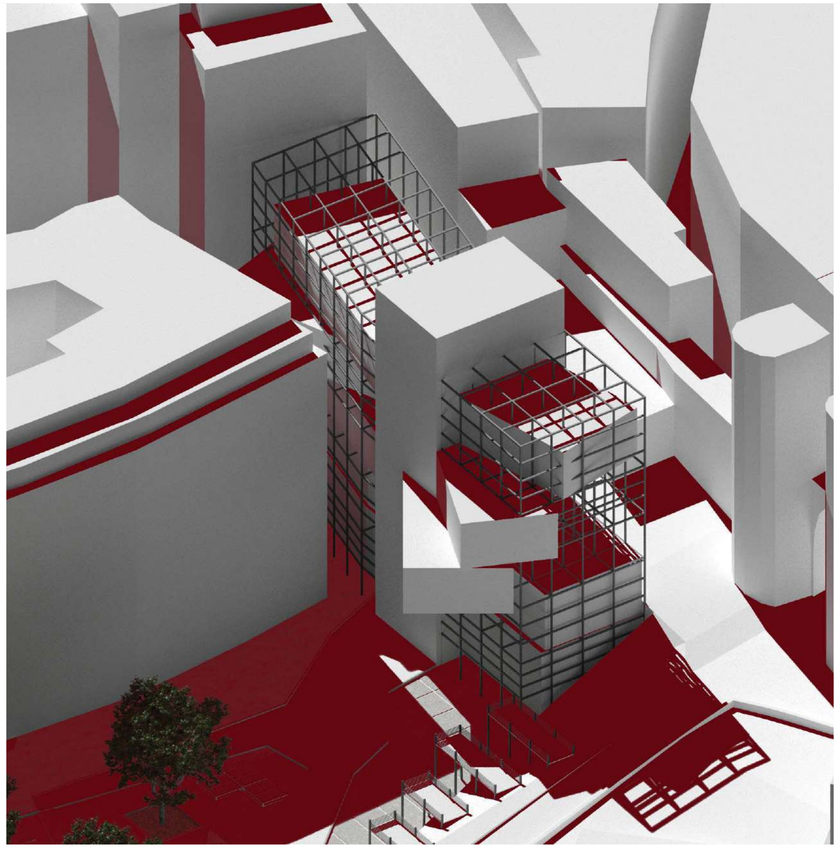
SUN STUDY
1PM

SUMMER



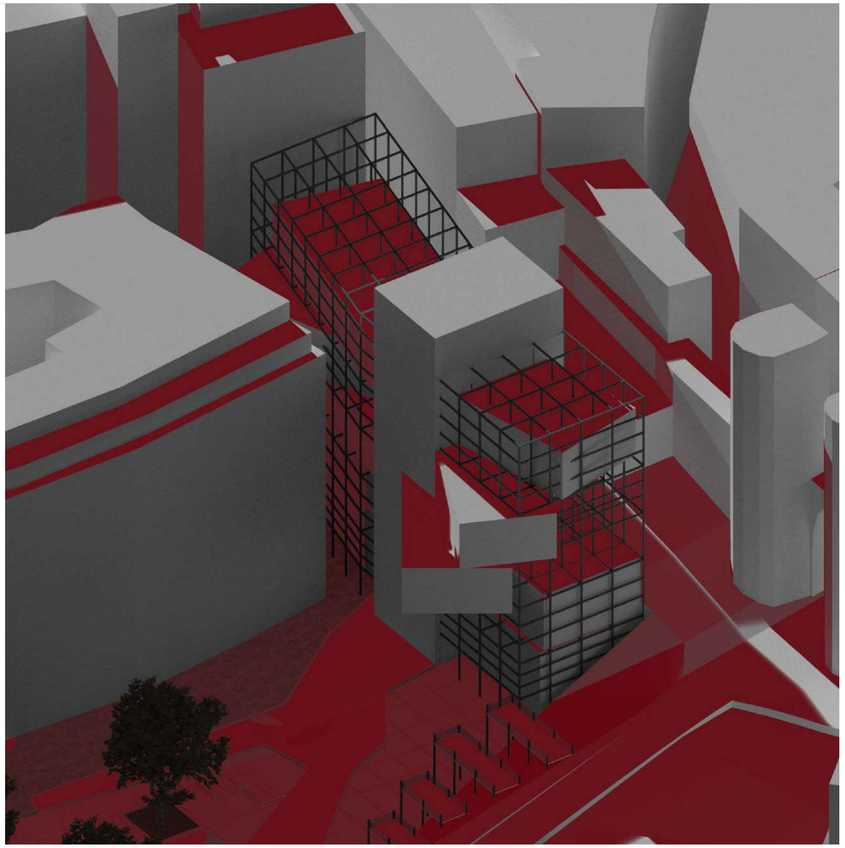
AZIMUTH 307
ALTITUDE 68

FALL



AZIMUTH 198
ALTITUDE 45

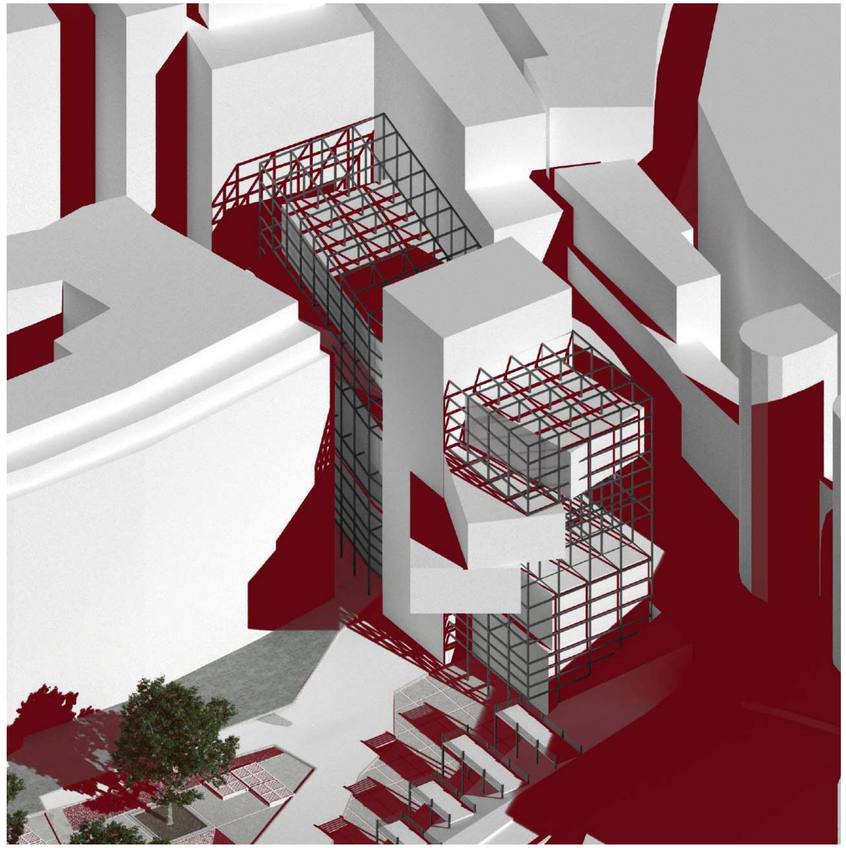
WINTER



AZIMUTH 192
ALTITUDE 22

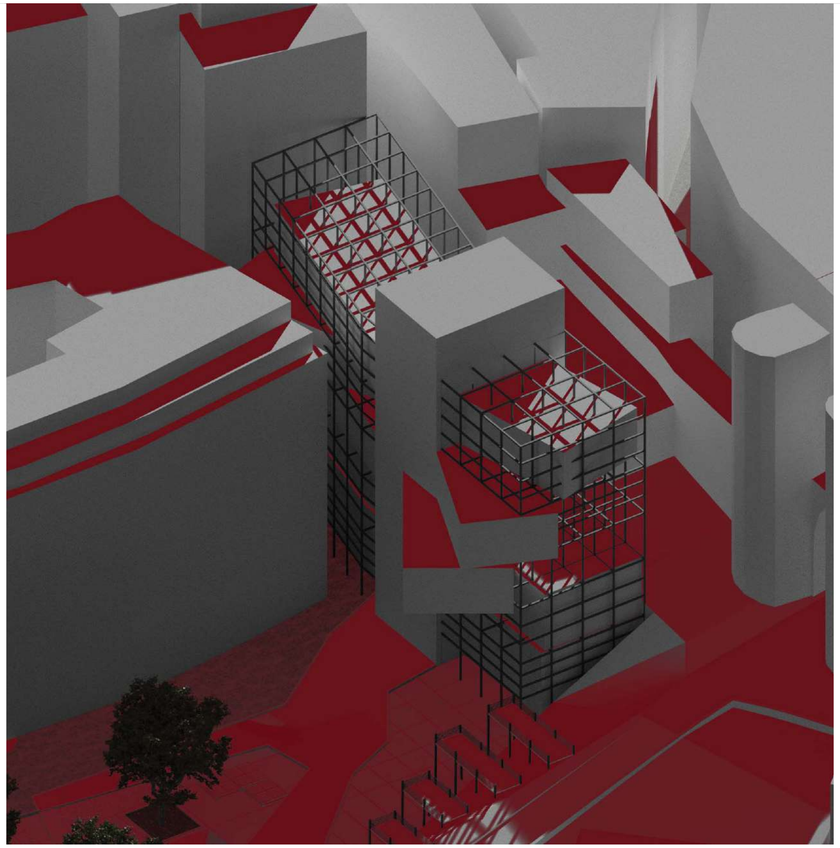
SUN STUDY
5PM

SUMMER



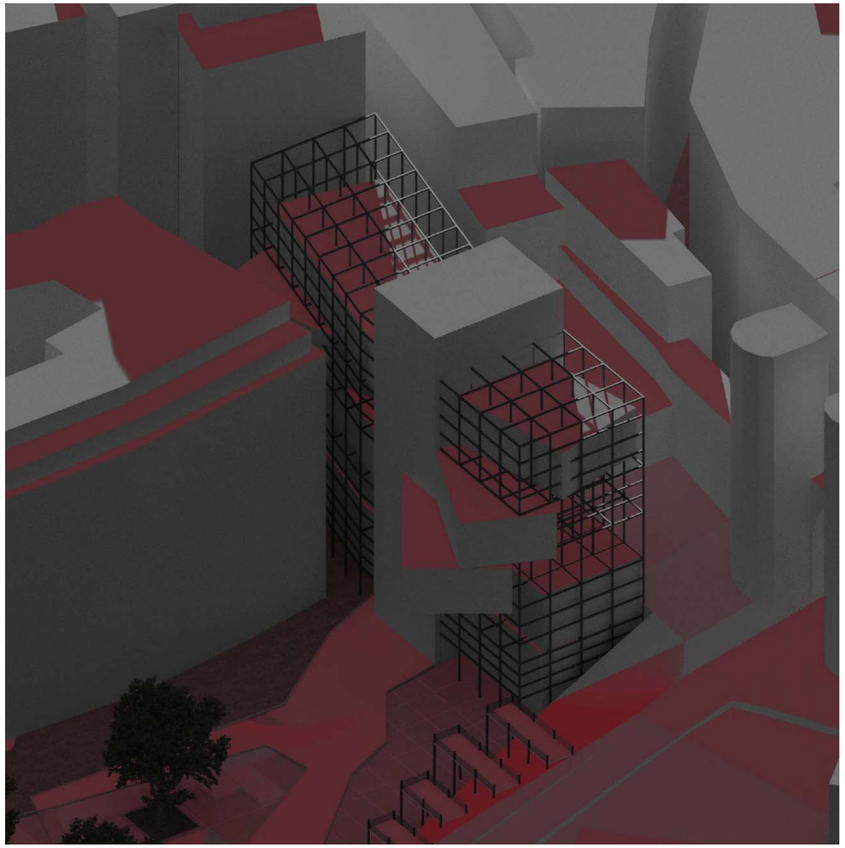
AZIMUTH 375
ALTITUDE 30

FALL



AZIMUTH 246
ALTITUDE 22

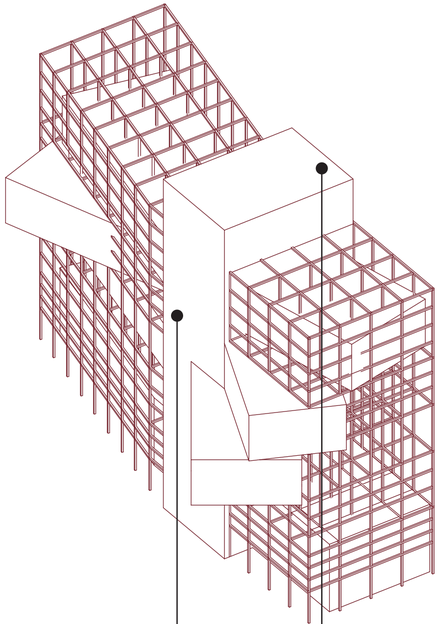
WINTER



AZIMUTH 218
ALTITUDE 13

SUN SUMMARY

SUMMER

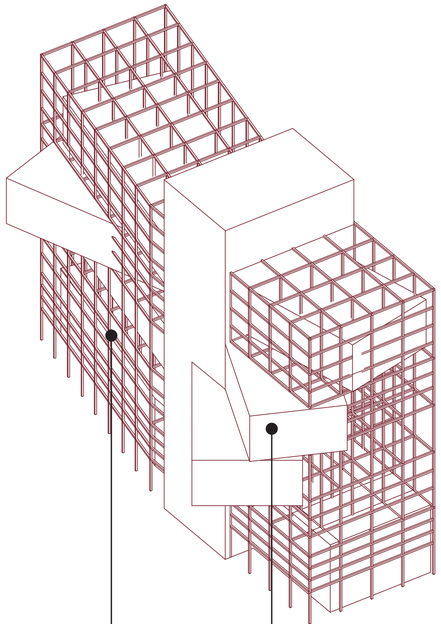


ROOFTOP REQUIRES SHADE STRUCTURE

ATRIUM IMPLEMENTS STACK EFFECT FOR PASSIVE COOLING

HIGH SUN ANGLE

FALL

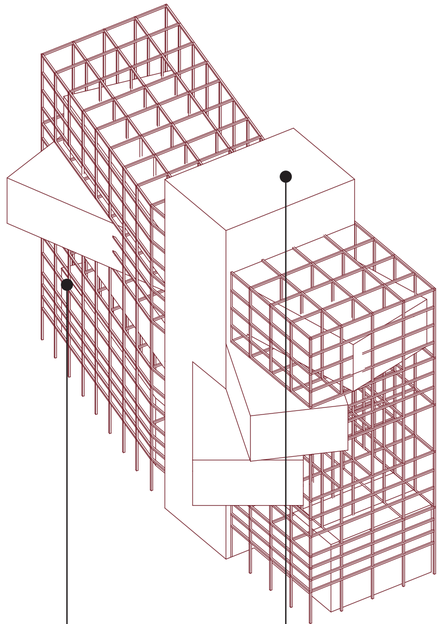


CANTILEVERED FLOORS SHADE PUBLIC AREA

OPERABLE LOUVER SYSTEM MAXIMIZES SUNLIGHT

MID SUN ANGLE

WINTER



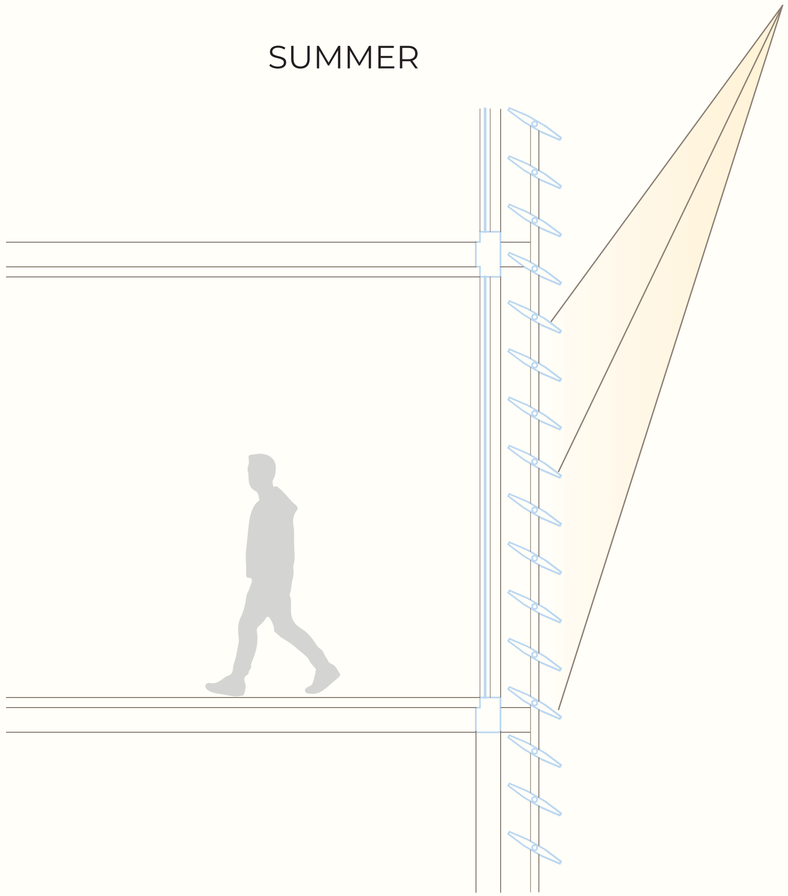
PROTRUDING ATRIUM AIDS TO HEAT STUCTUR

ARTIFICIAL LIGHTING REQUIRED FOR LOWER PORTION

LOW SUN ANGLE

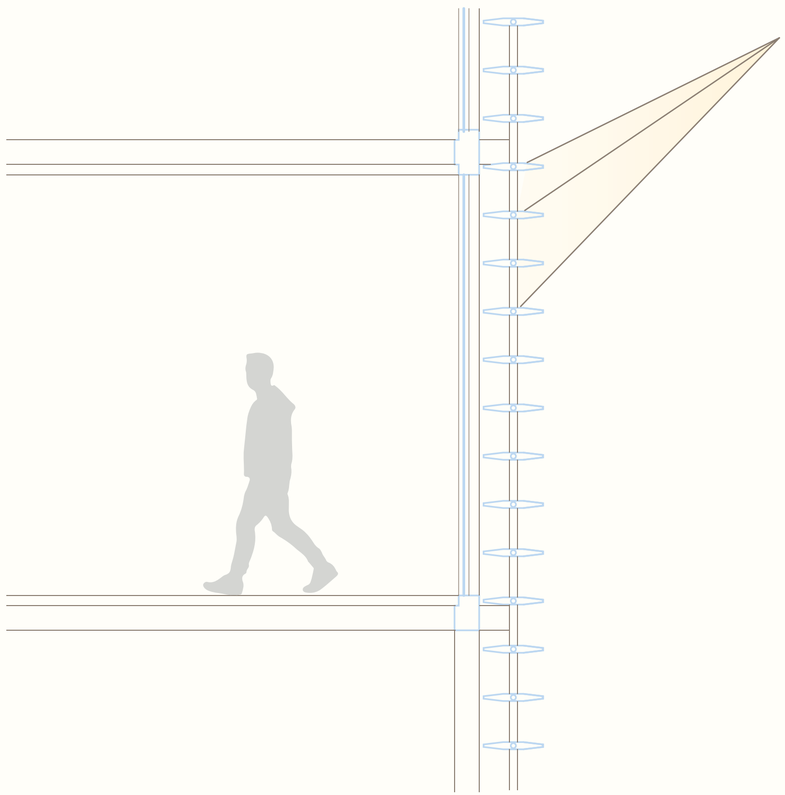
SHADING STRATEGY

SUMMER



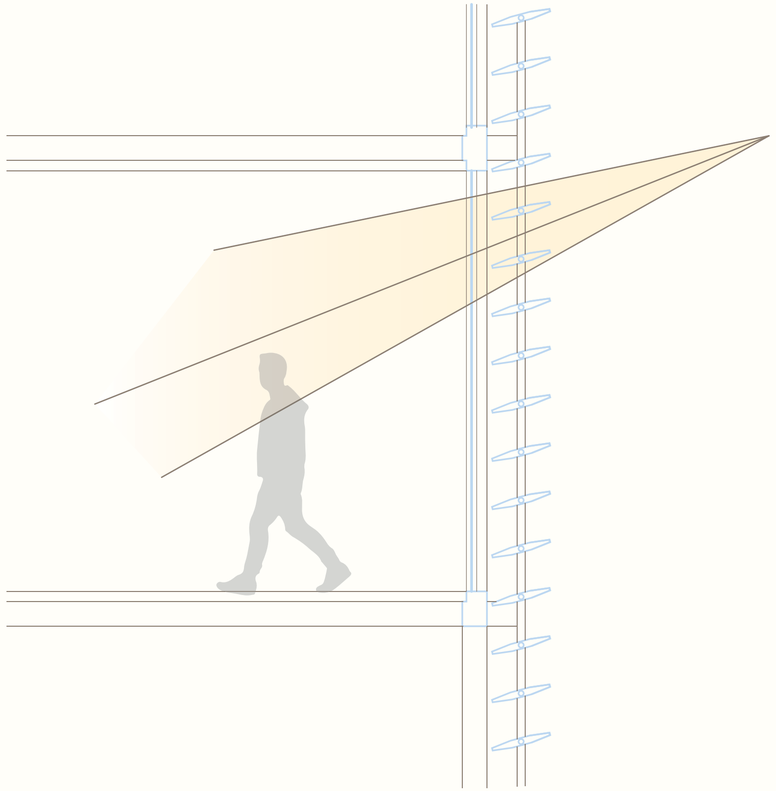
AZIMUTH 100
ALTITUDE 45

FALL



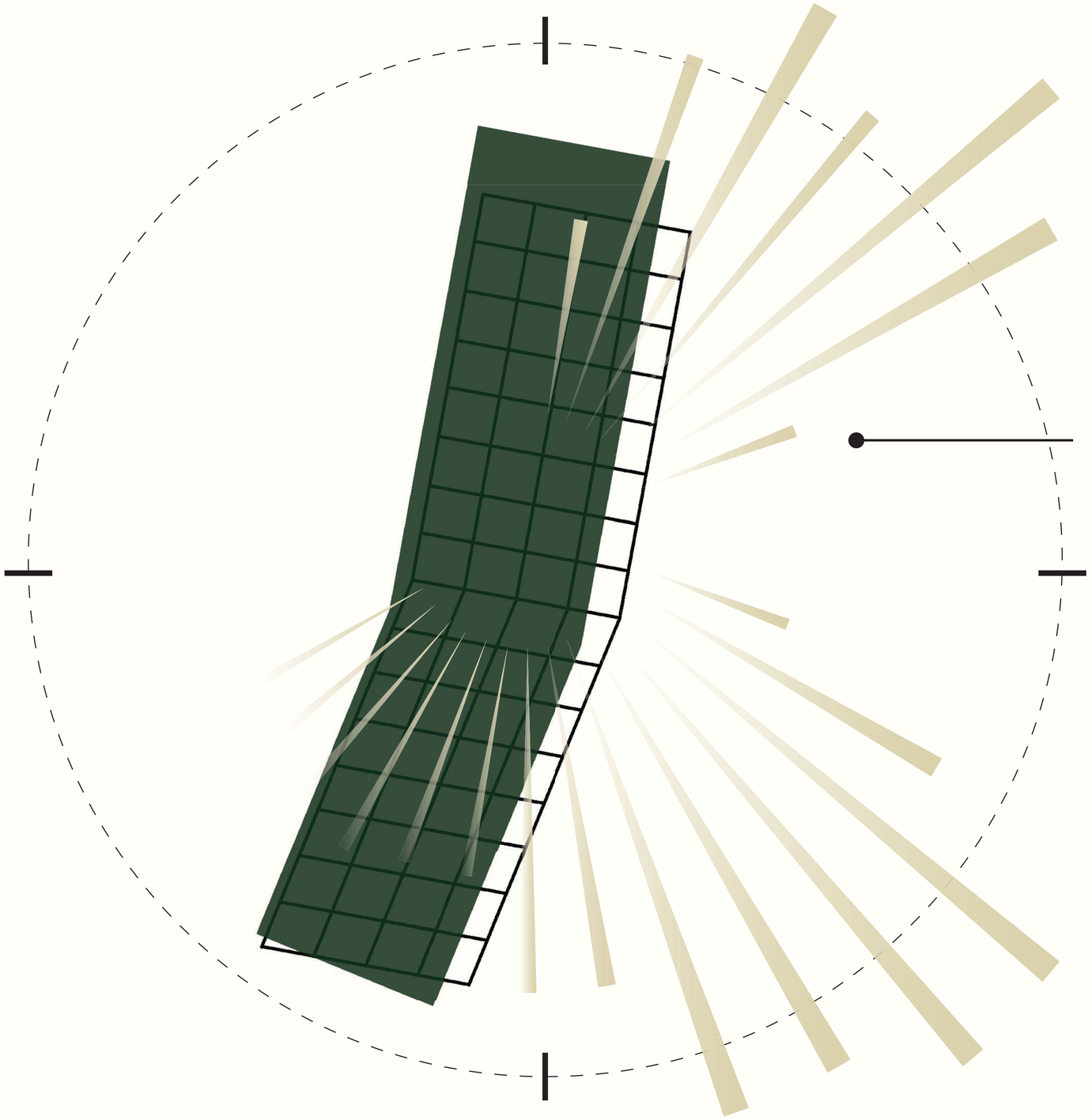
AZIMUTH 123
ALTITUDE 30

WINTER

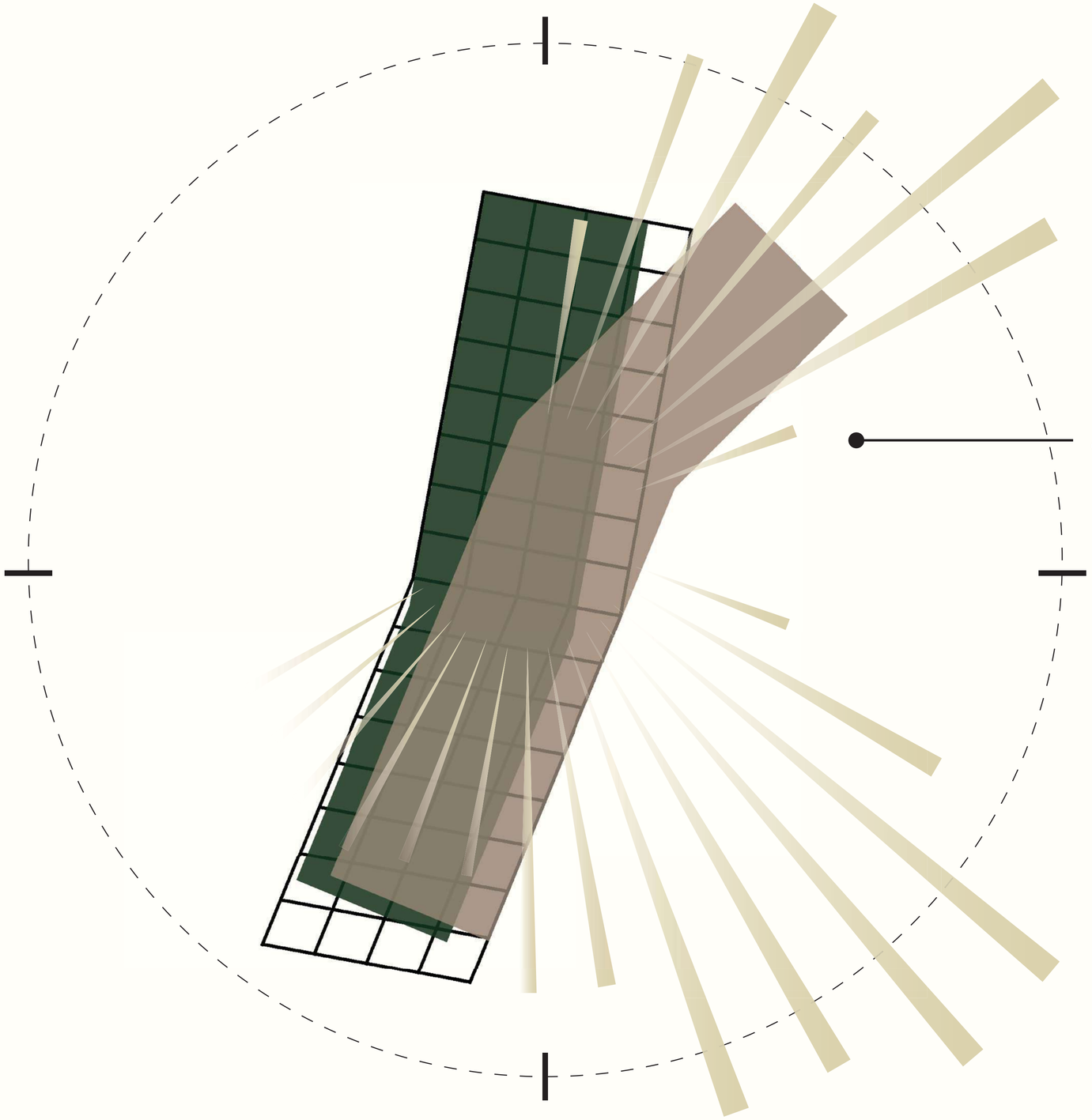


AZIMUTH 148
ALTITUDE 16

WIND FORM
FORM 1

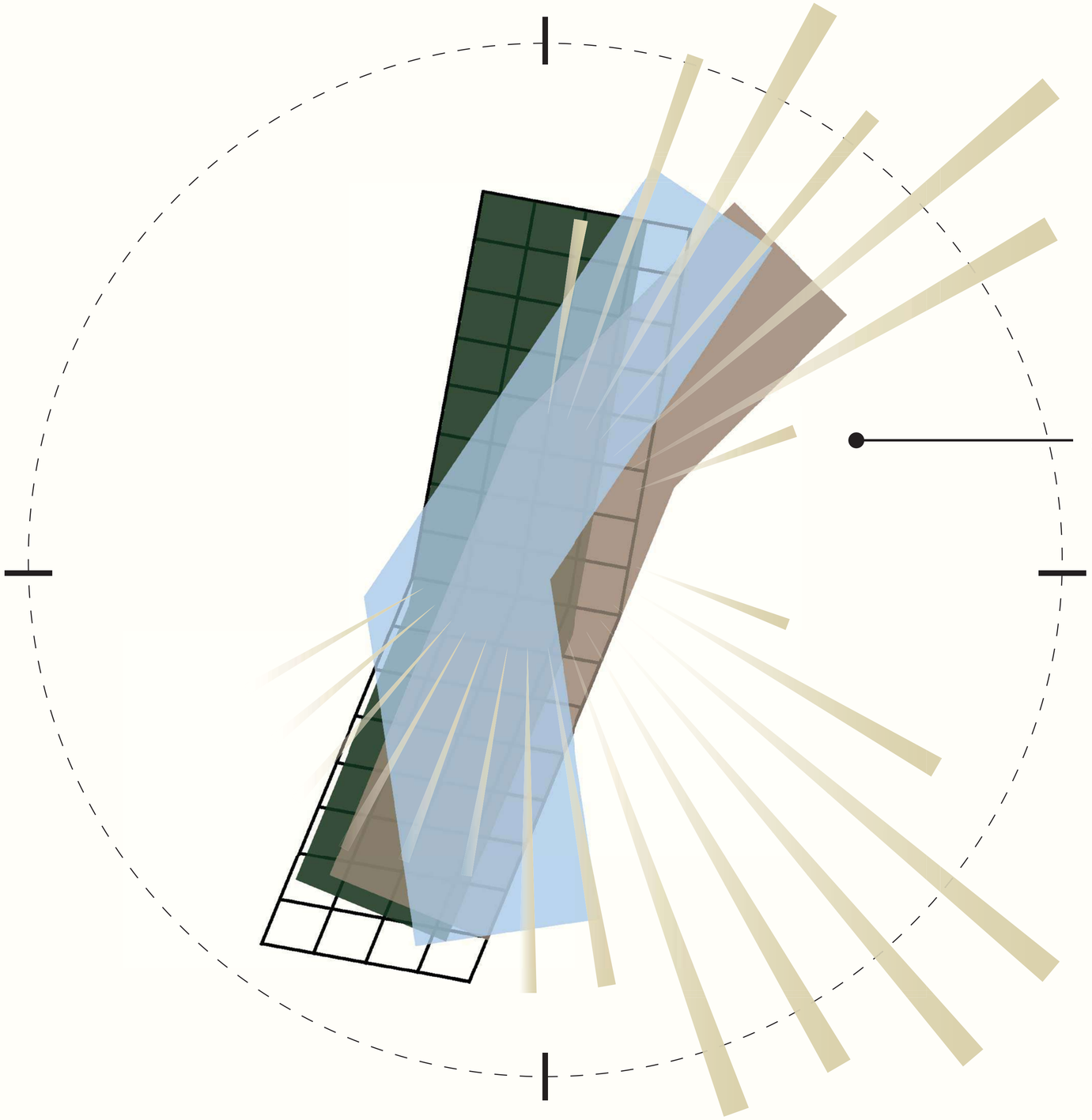


WIND FORM
FORM 2



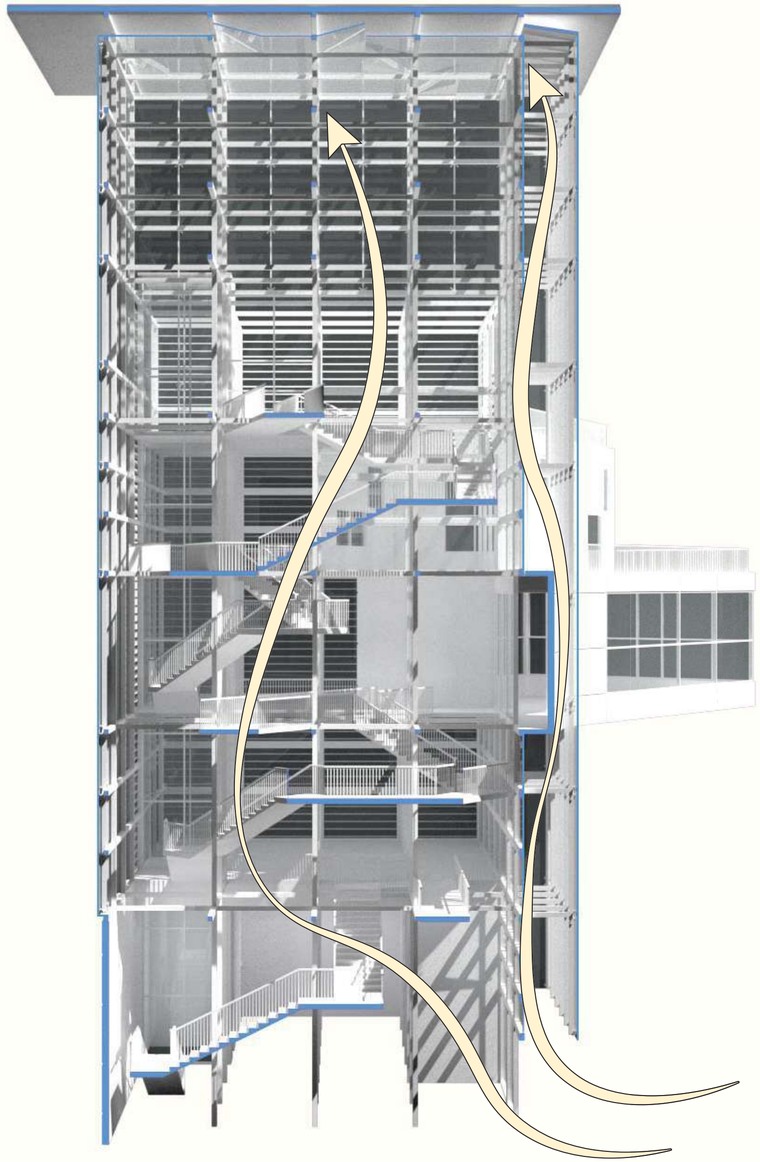
ORIENTED TOWARDS NE WINDS TO
PASSSIVELY COOL THE PUBLIC PROGRAMS

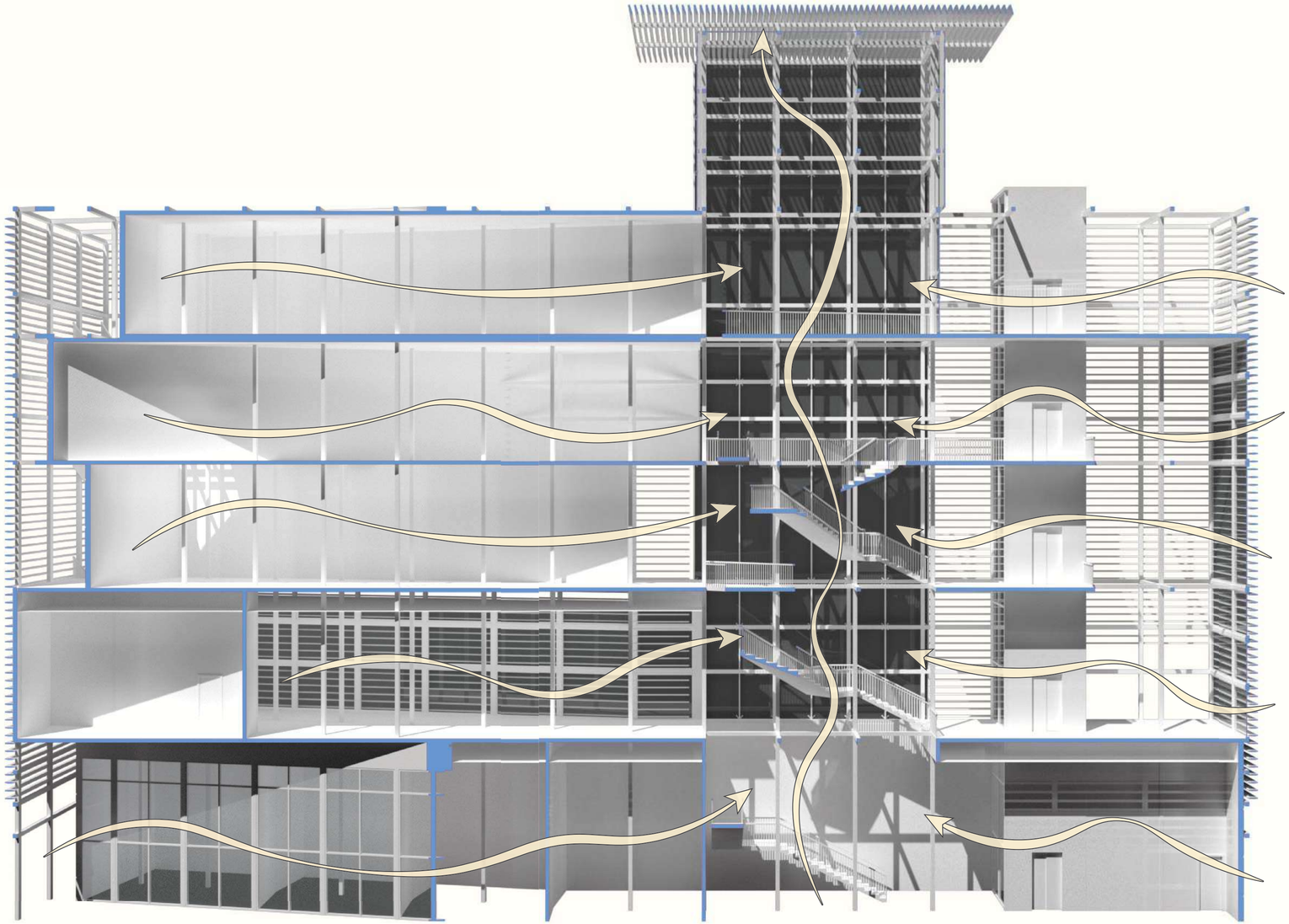
WIND FORM
FORM 3



ORIENTED TOWARDS NE AND SE WINDS FOR PASSIVE COOLING

WIND STRATEGY





DOUBLE SKIN FACADE DETAIL