

Foisie Innovation Studio

Worcester Polytechnic Institute

01 | PROJECT FUNDAMENTALS

DESIGN DRIVERS

Enhance Campus Connections

Appropriate context fit

Scale relationship

Massing articulation

Materiality

High performance building [100-year life span]

Efficient square footage and optimized/integrated programs

Adaptable spaces

Iconic, innovative and state-of-the-art

LEED certified building

FITTING IN WITHIN WPI'S BUILT ENVIRONMENT

A SPECTRUM OF BUILDINGS



BOYNTON HALL



THINK

Institutional Looking
Traditional Forms
Articulated Massing
Styled Expression



IMPACT

Timeless Looking
Contemporary Forms
Clean Massing
Vanguard Expression



WASHBURN SHOPS

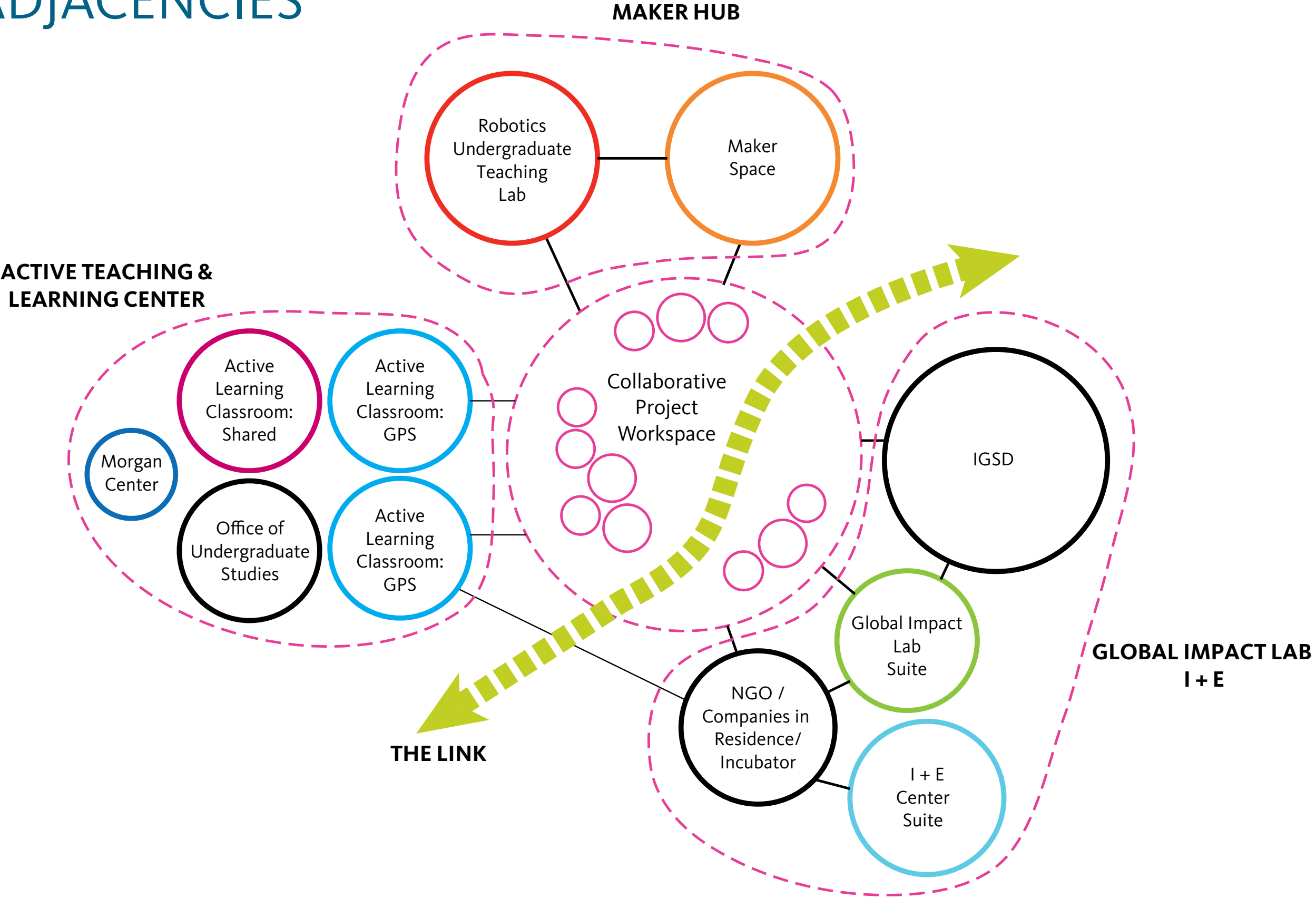


MAKE

Industrial Looking
Traditional Forms
Simplified Massing
Robust Expression

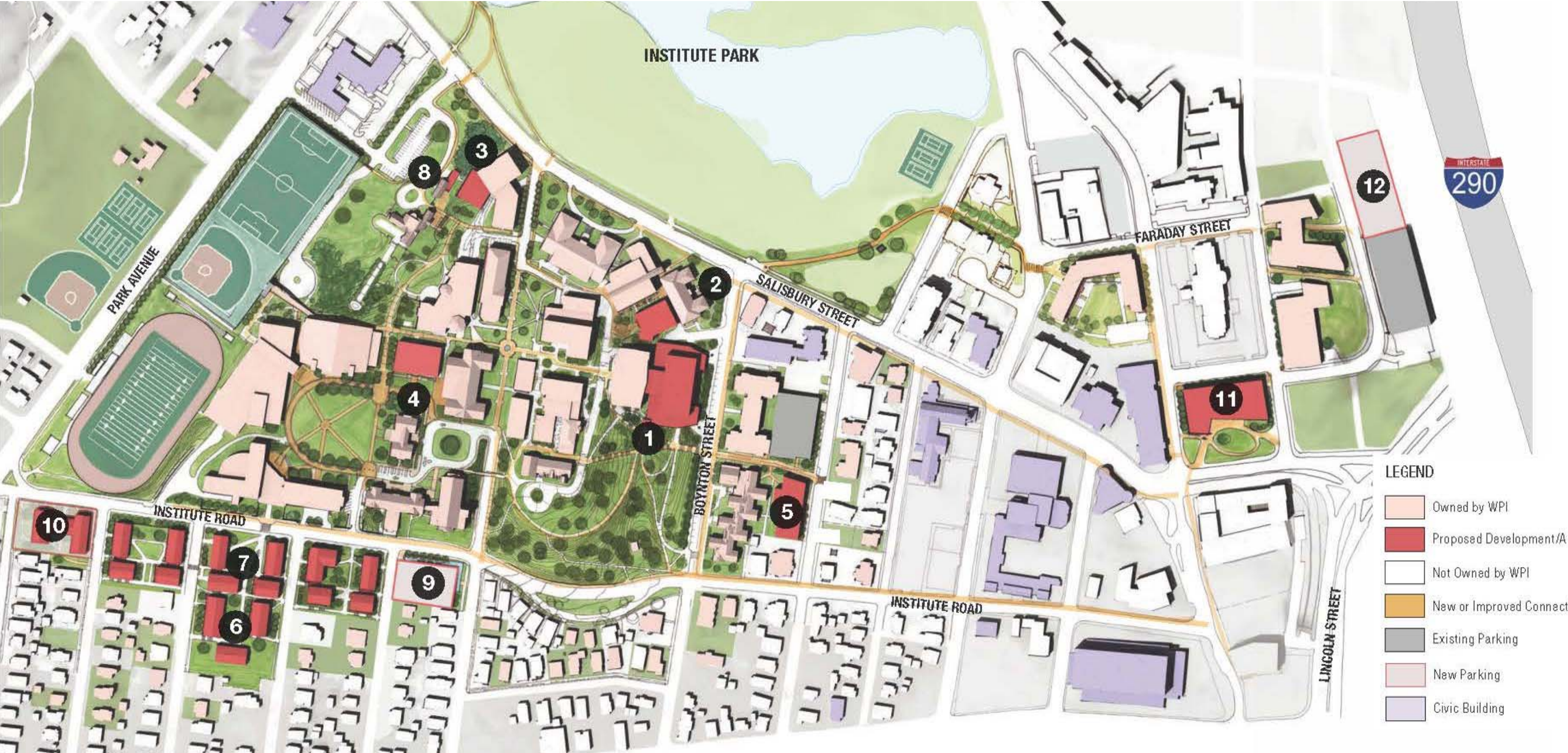
PROGRAM ADJACENCIES

BUBBLE DIAGRAM



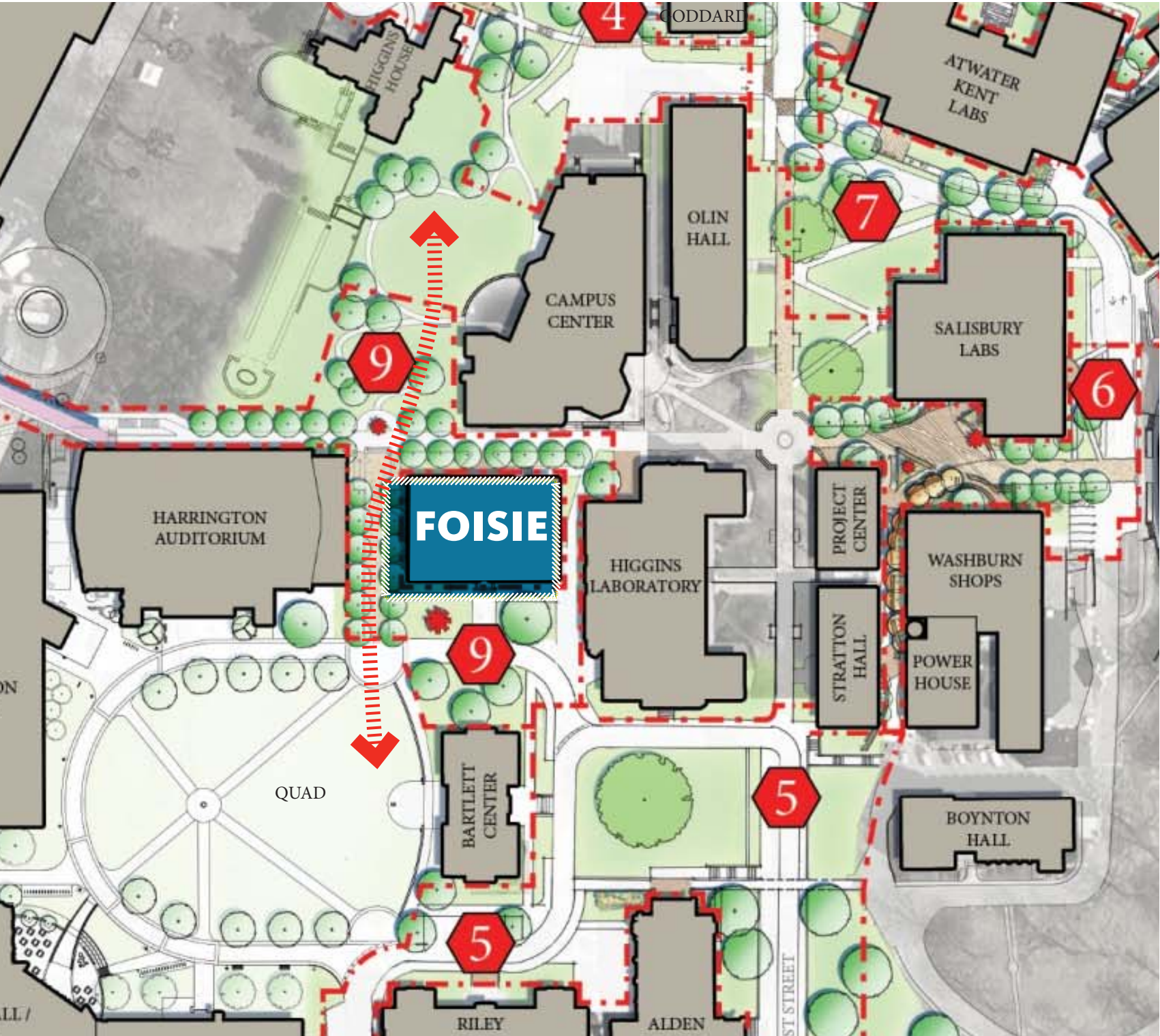
02 | SITE AND MASSING

2014 MASTER PLAN



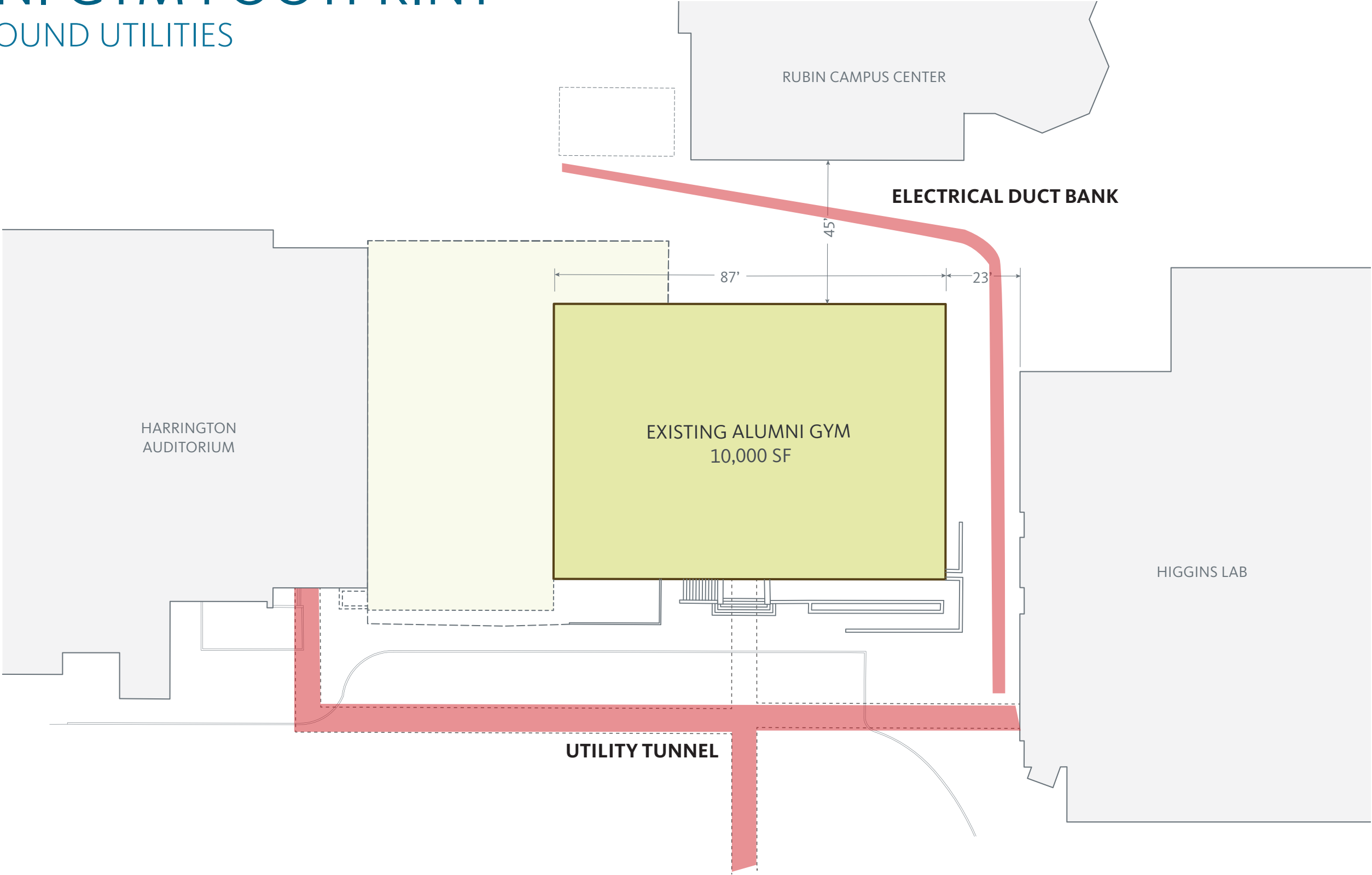
2014 MASTER PLAN

CREATING CONNECTIONS



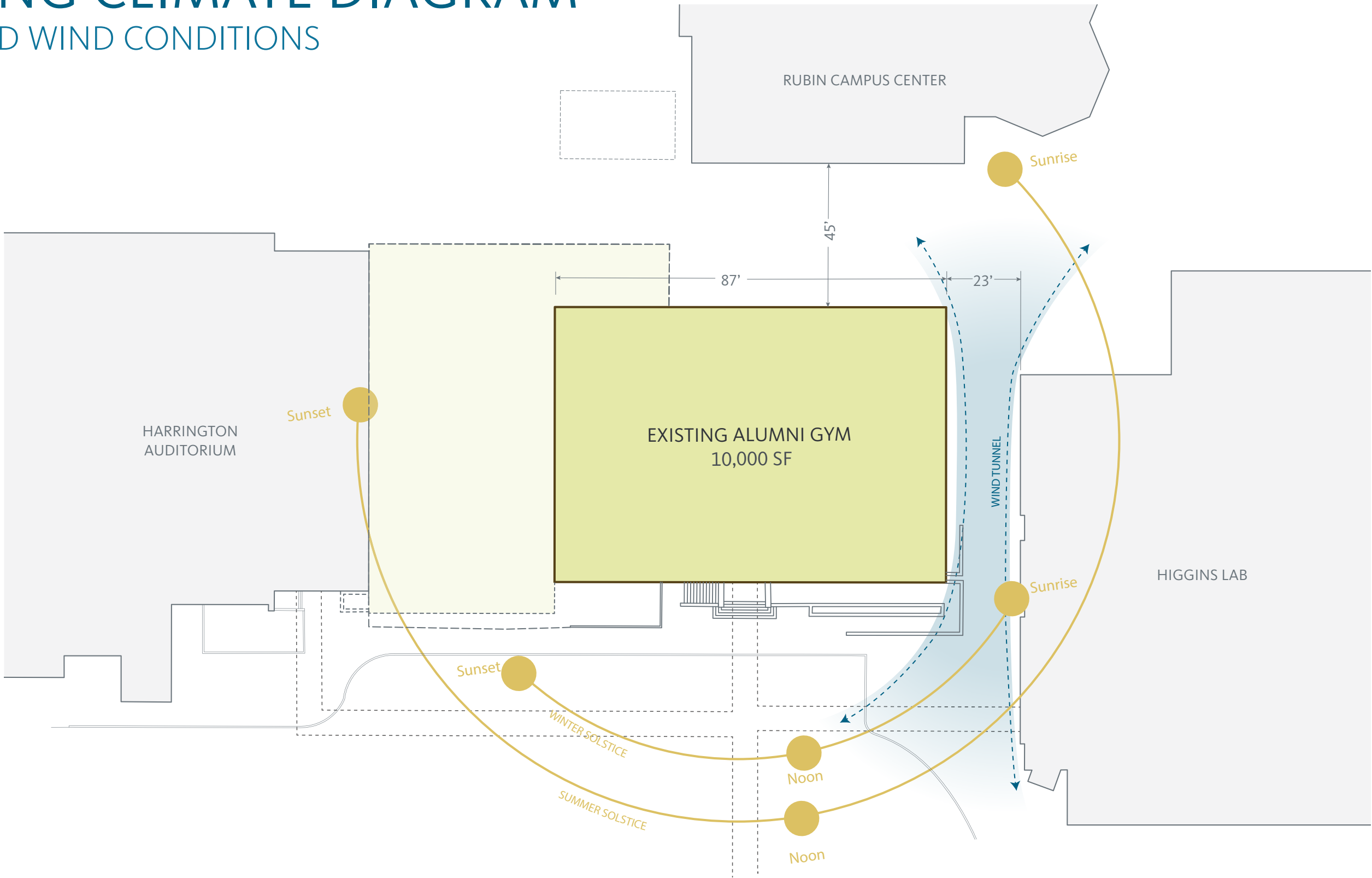
ALUMNI GYM FOOTPRINT

UNDERGROUND UTILITIES



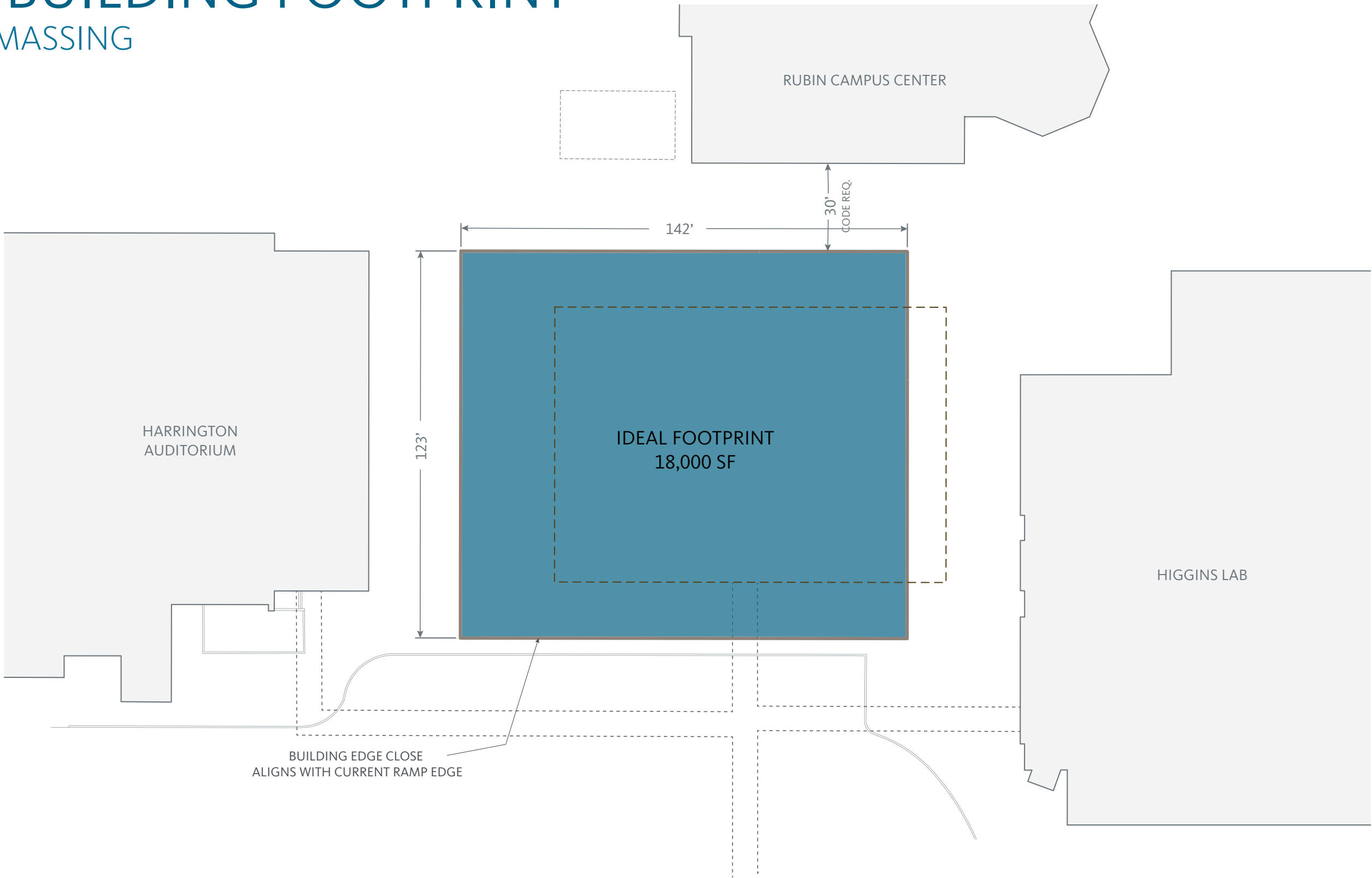
EXISTING CLIMATE DIAGRAM

SOLAR AND WIND CONDITIONS



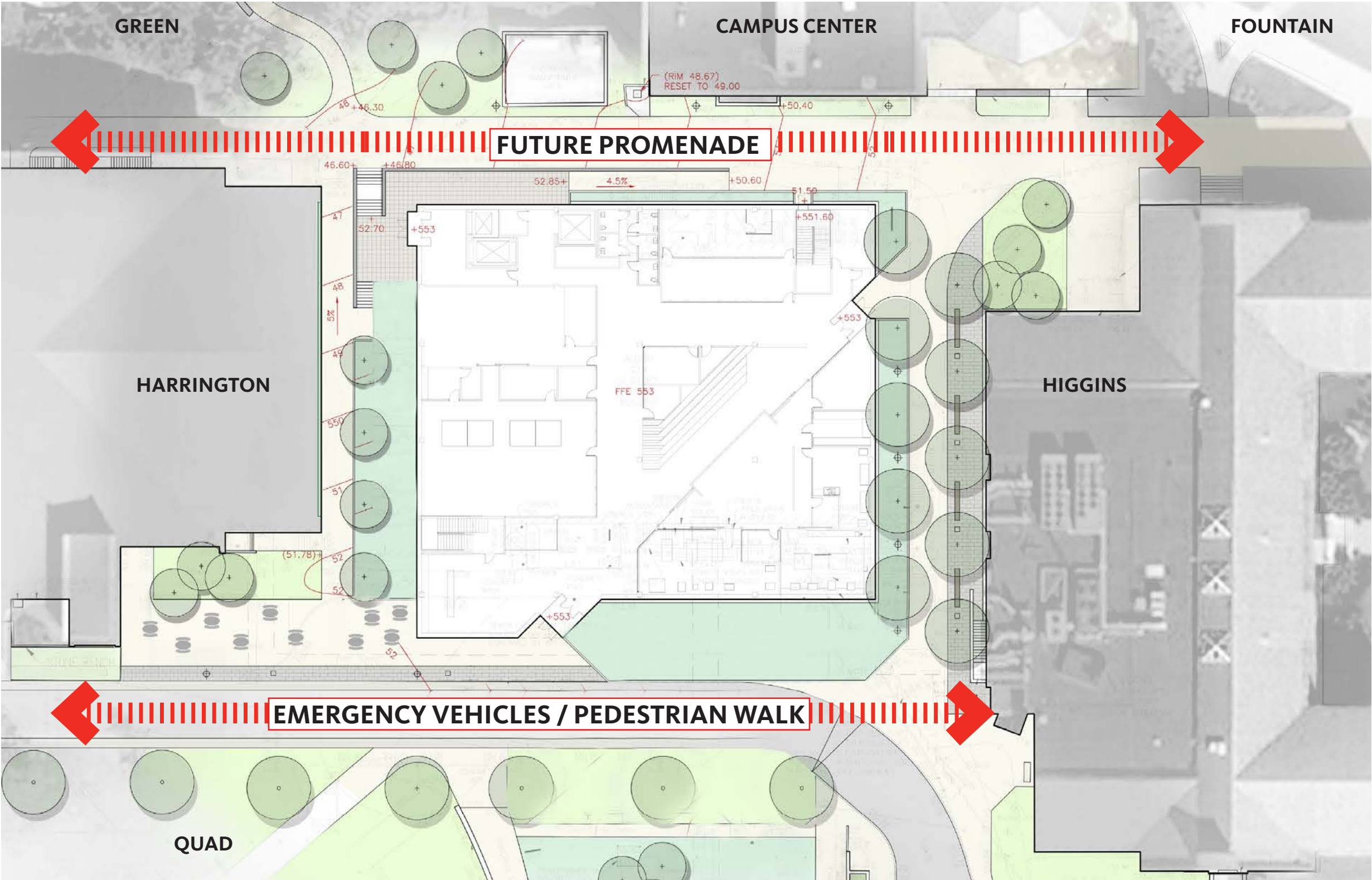
IDEAL BUILDING FOOTPRINT

SIZE AND MASSING



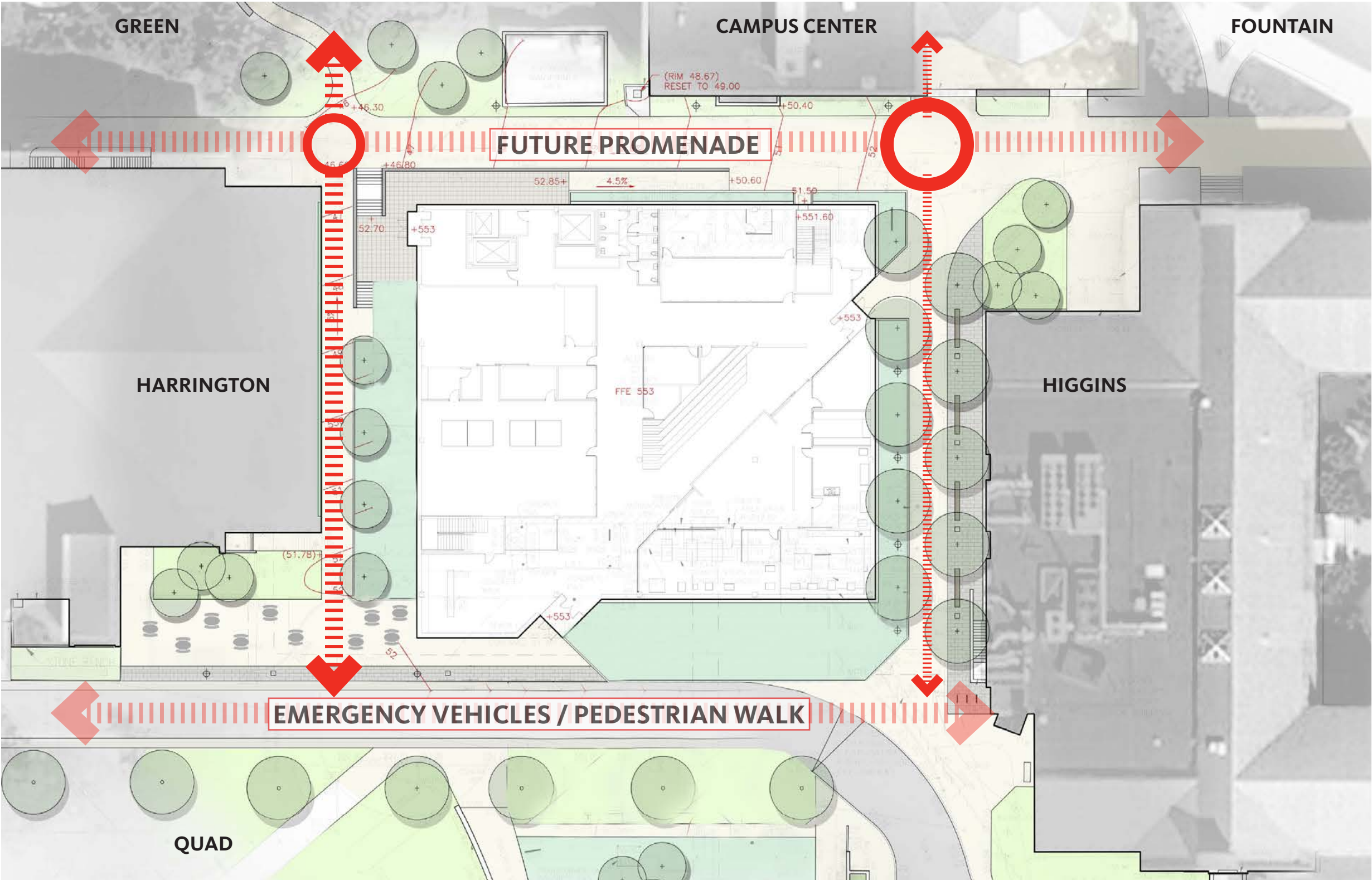
LANDSCAPE PLAN

EXTERIOR WALKWAYS



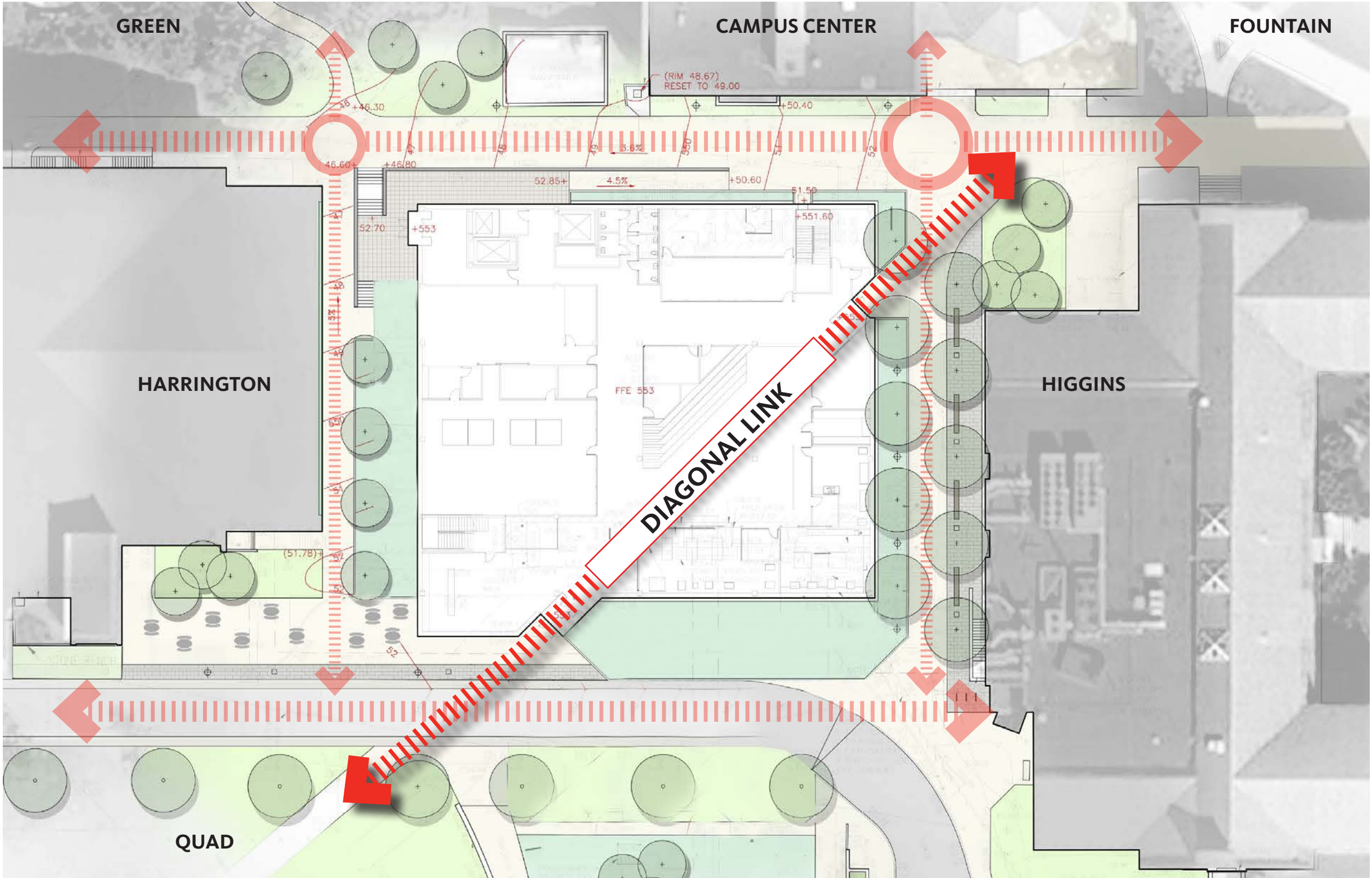
LANDSCAPE PLAN

EXTERIOR WALKWAYS AND NODES



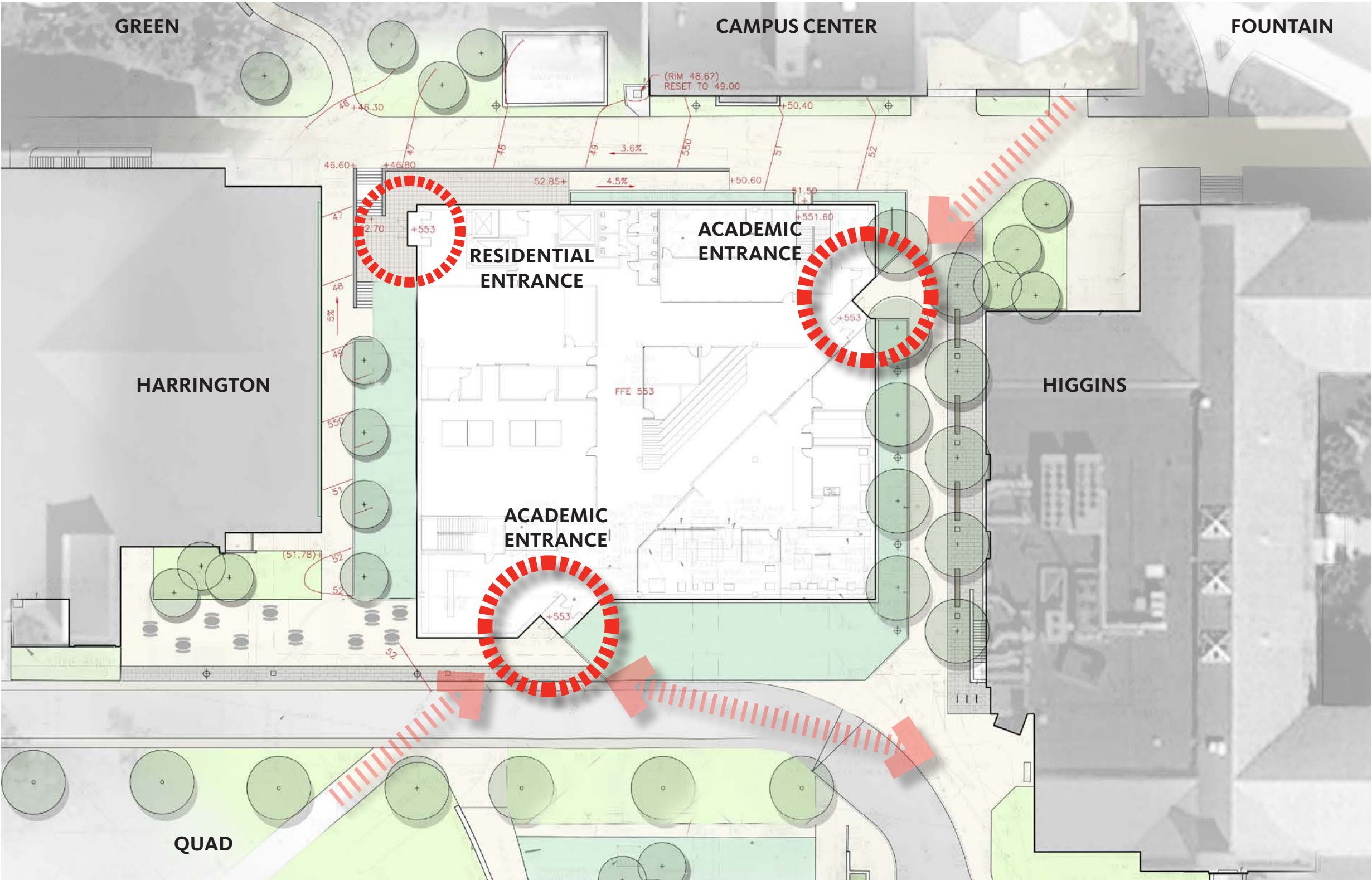
LANDSCAPE PLAN

DIAGONAL LINK



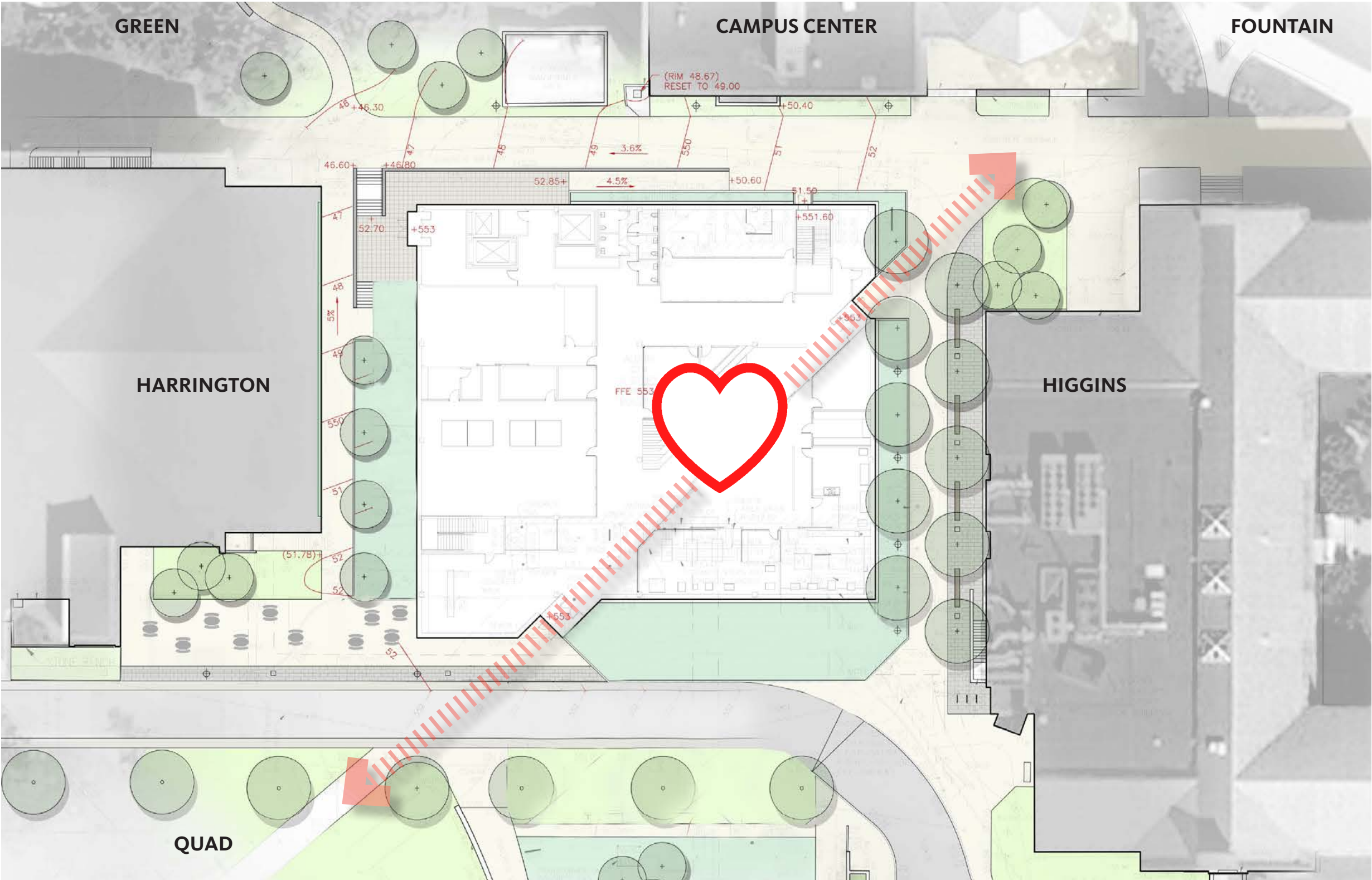
LANDSCAPE PLAN

ENTRIES



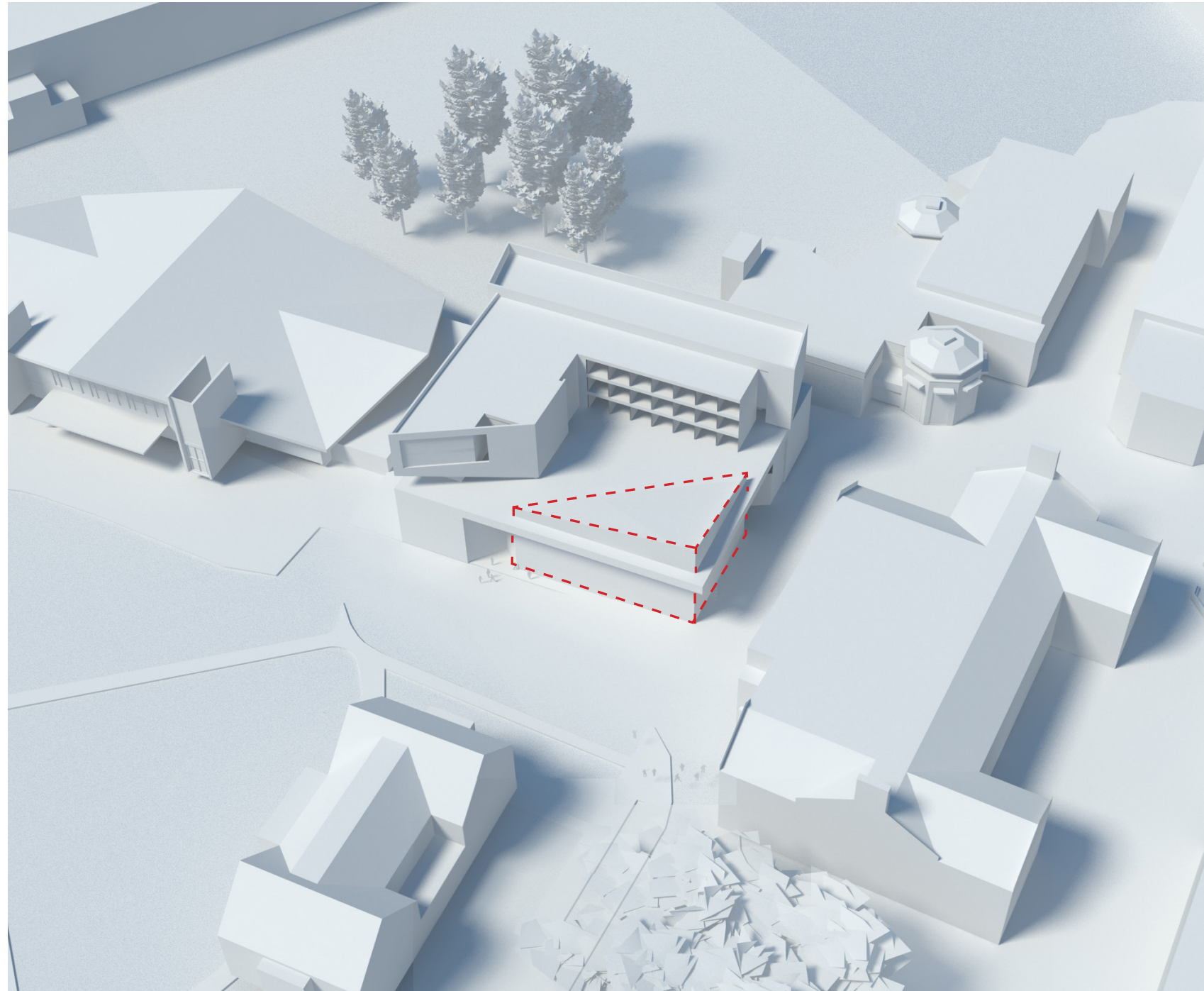
LANDSCAPE PLAN

DEFINING A HEART



PROCESS 01

INTERVIEW SCHEME



Tall Corner Glass Volume - No Basement

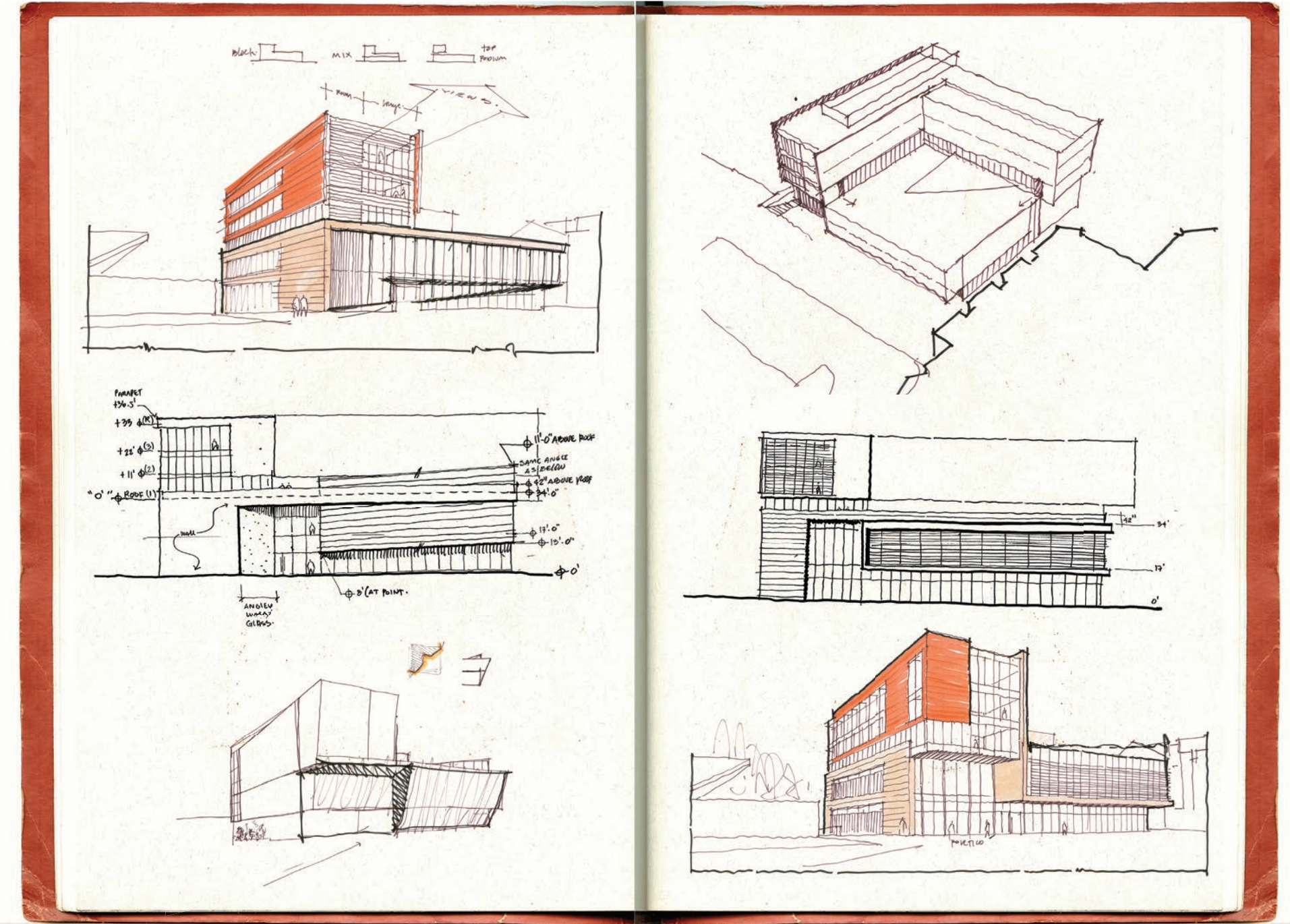
PROCESS 02

HIGH RISE

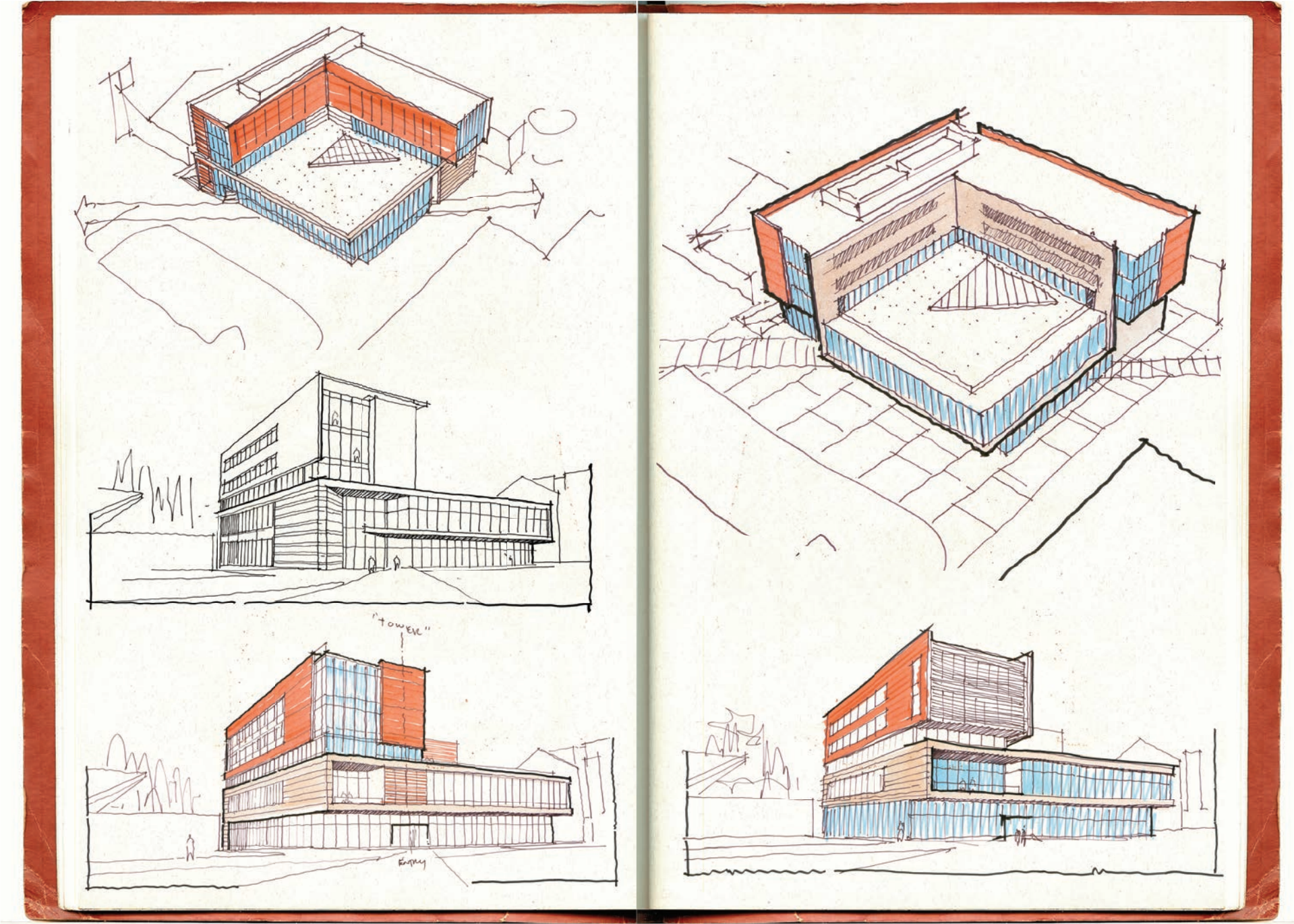


Cantilevered Corner - No Basement Program

PROCESS 03
SKETCHES

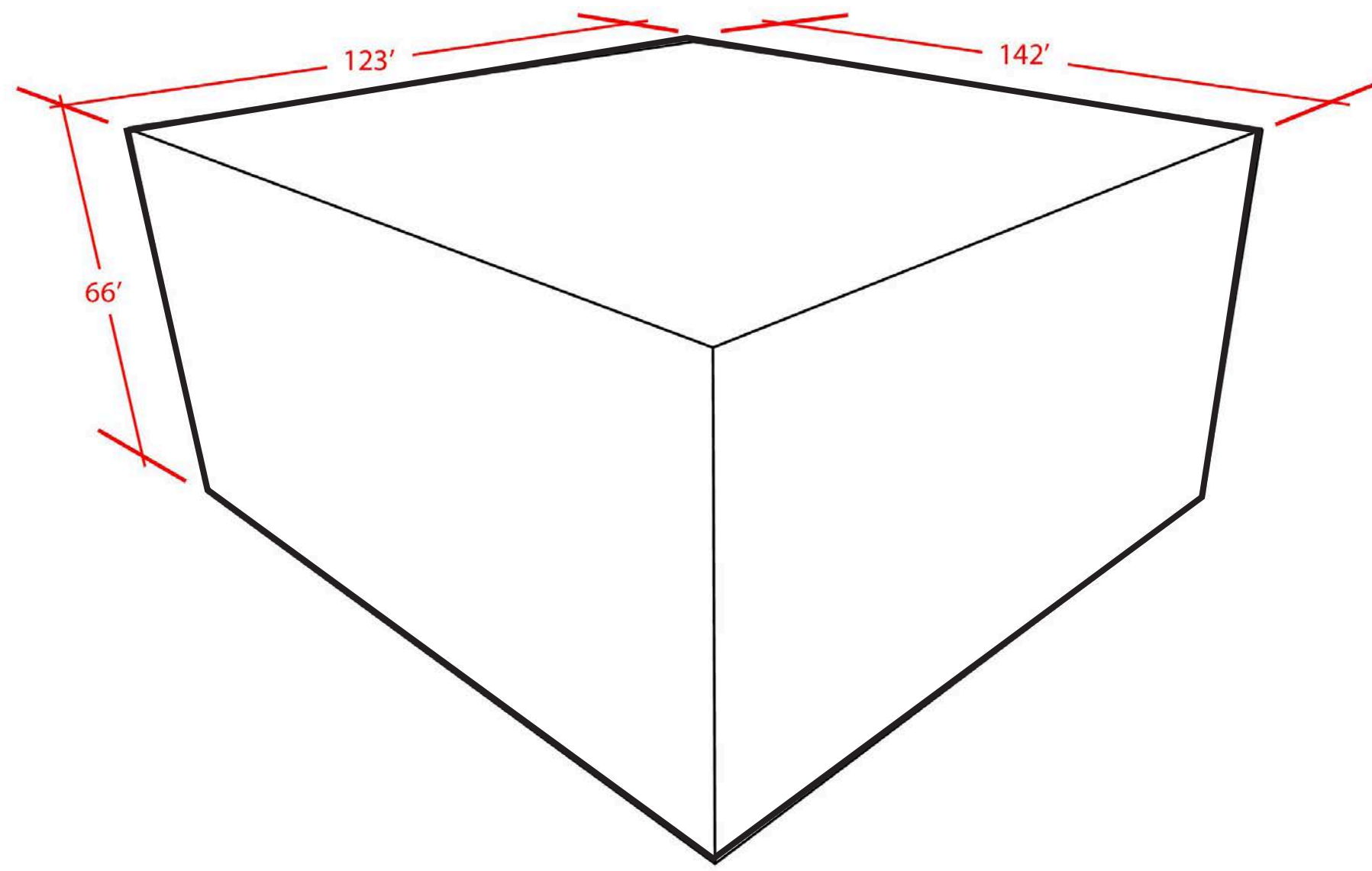


PROCESS 03
SKETCHES



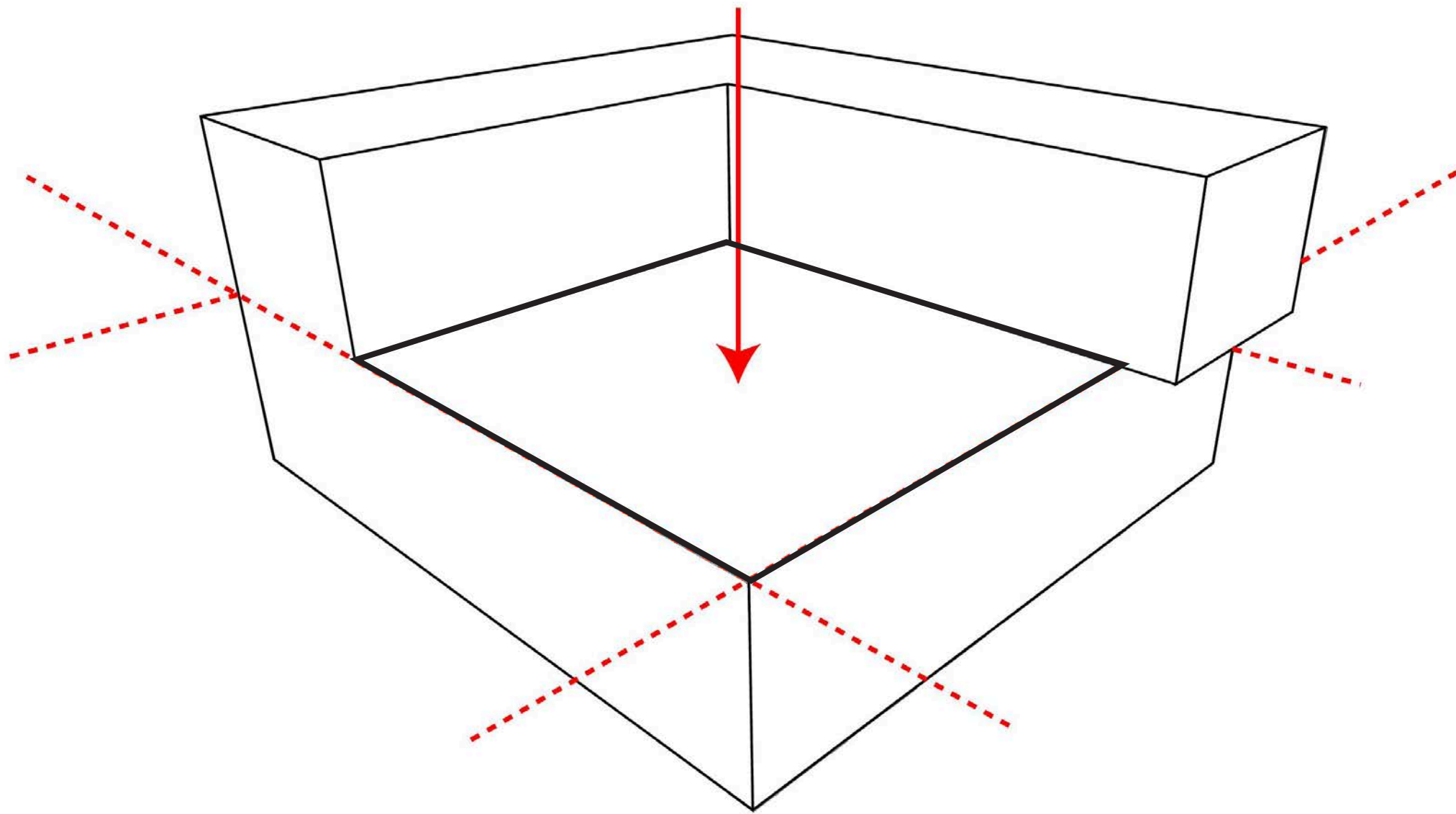
PROCESS 04

BASIC MASSING



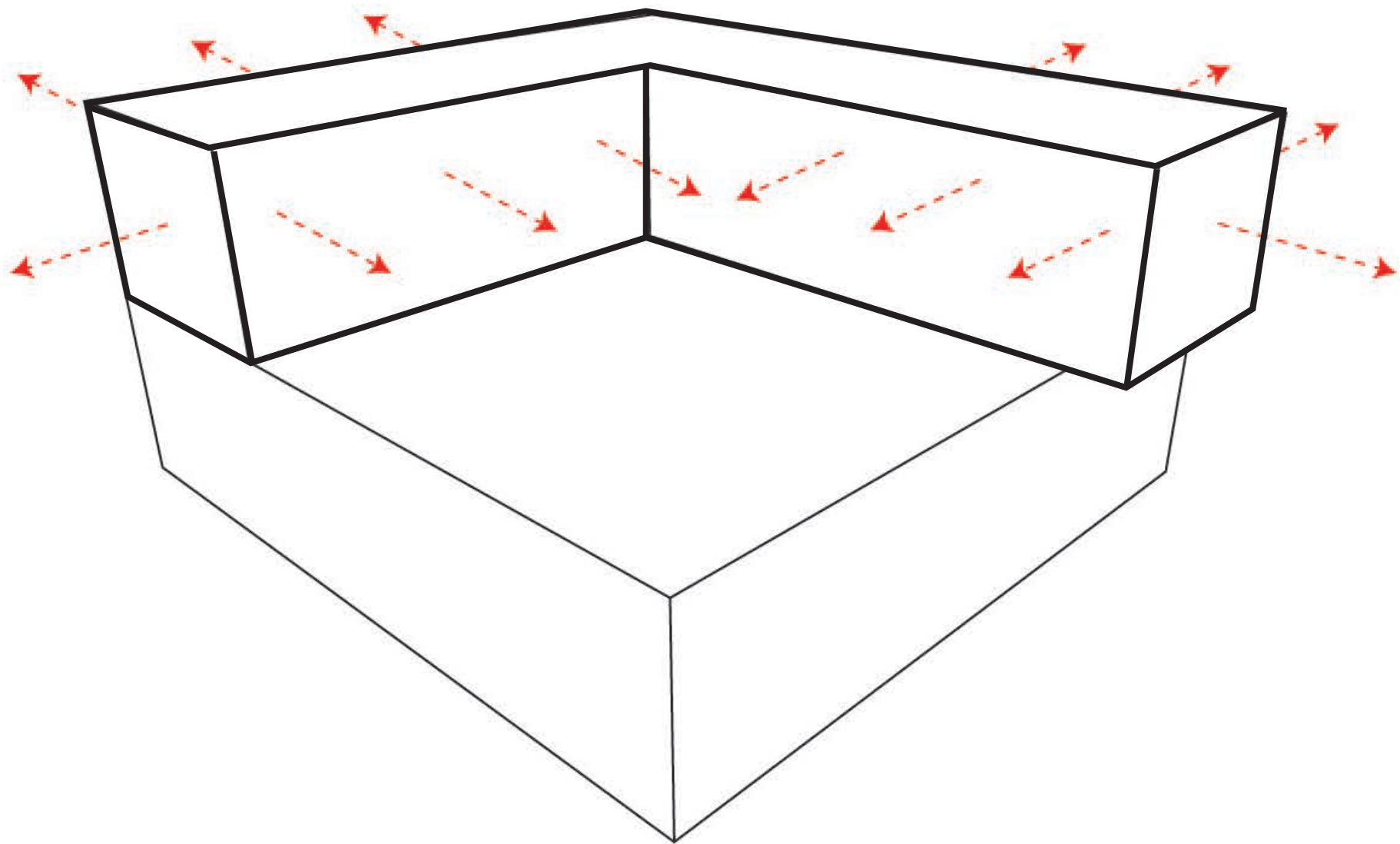
PROCESS 05

SUBTRACT THE ROOF



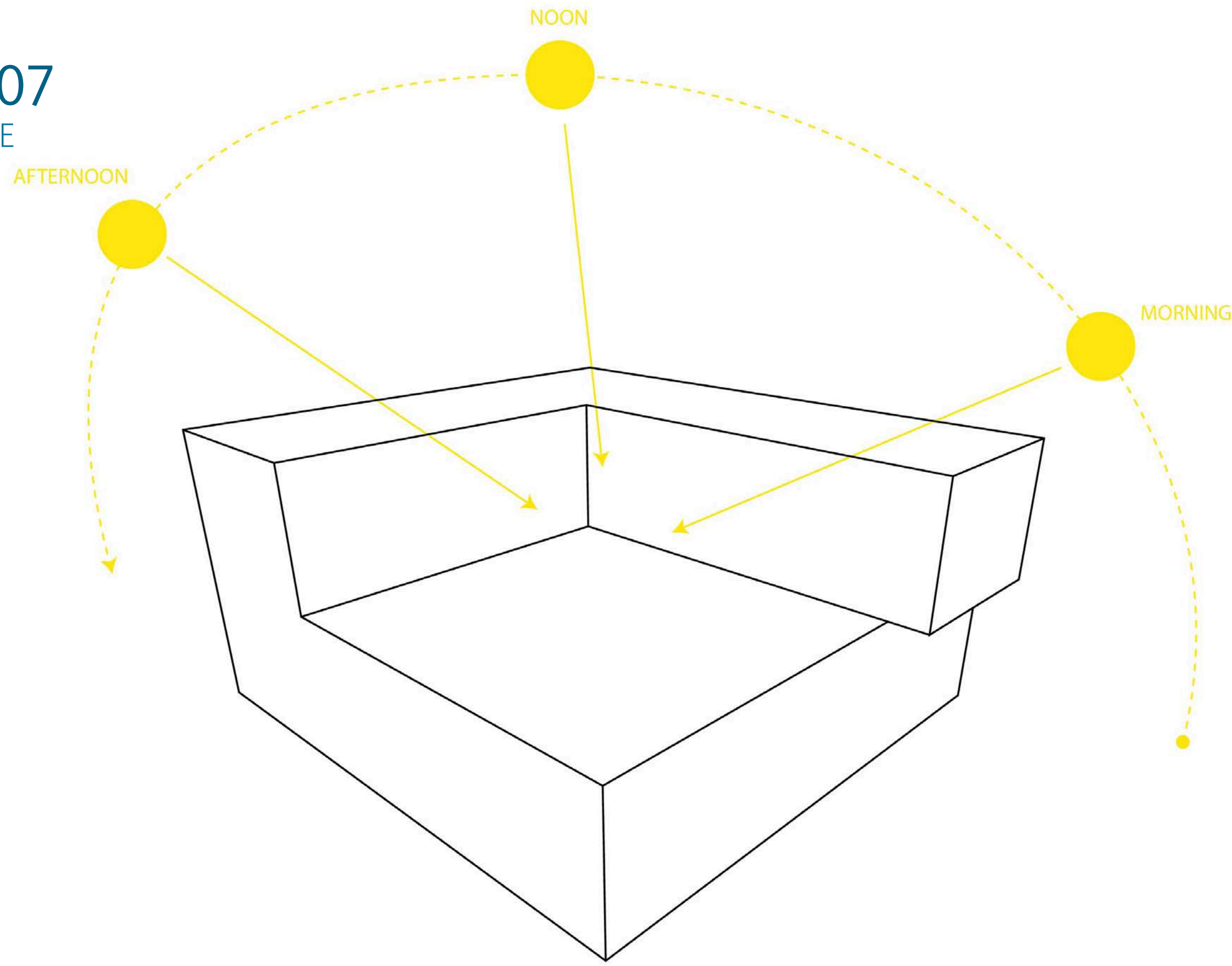
PROCESS 06

VIEWS OUT



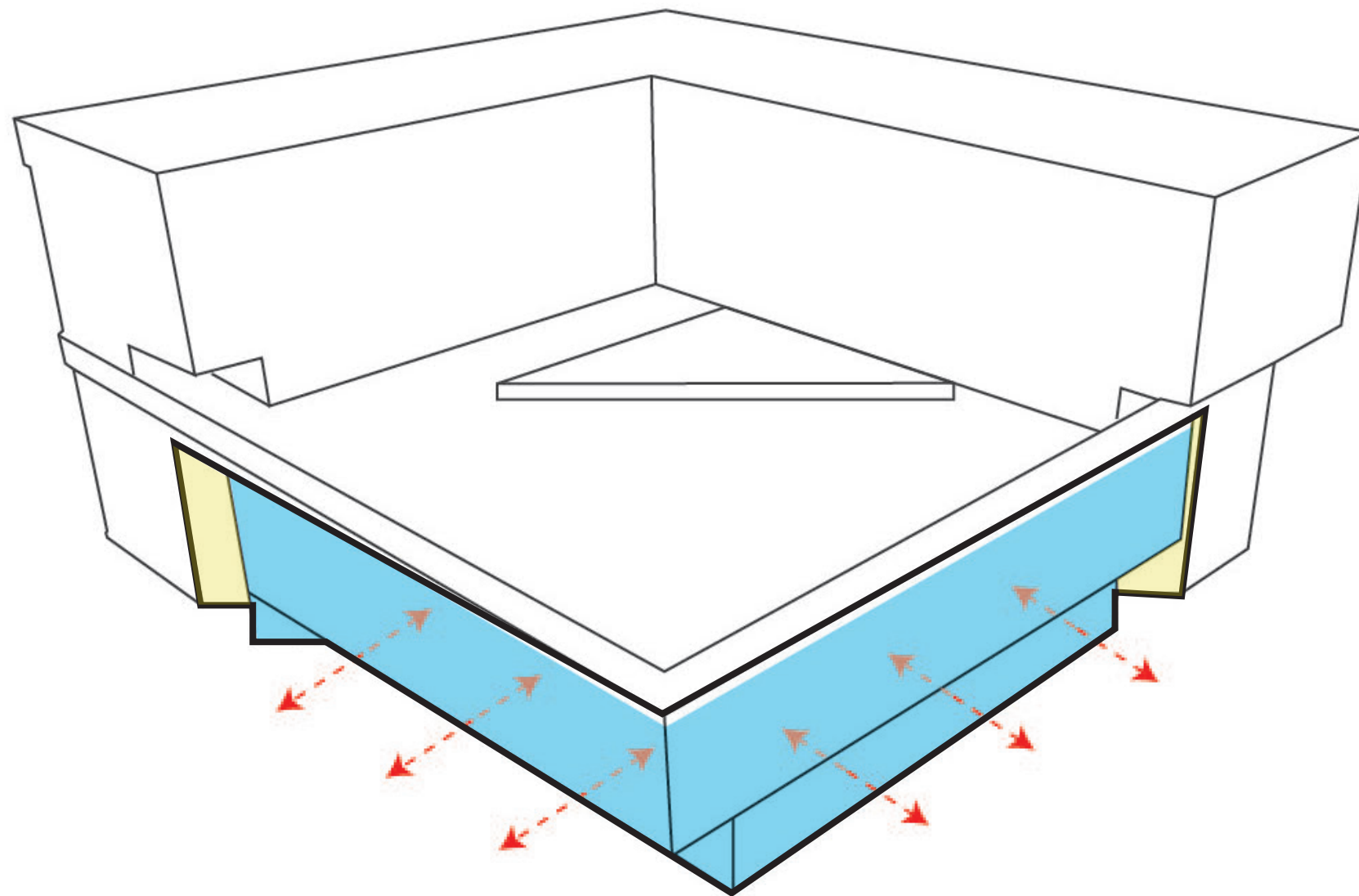
PROCESS 07

SOLAR EXPOSURE



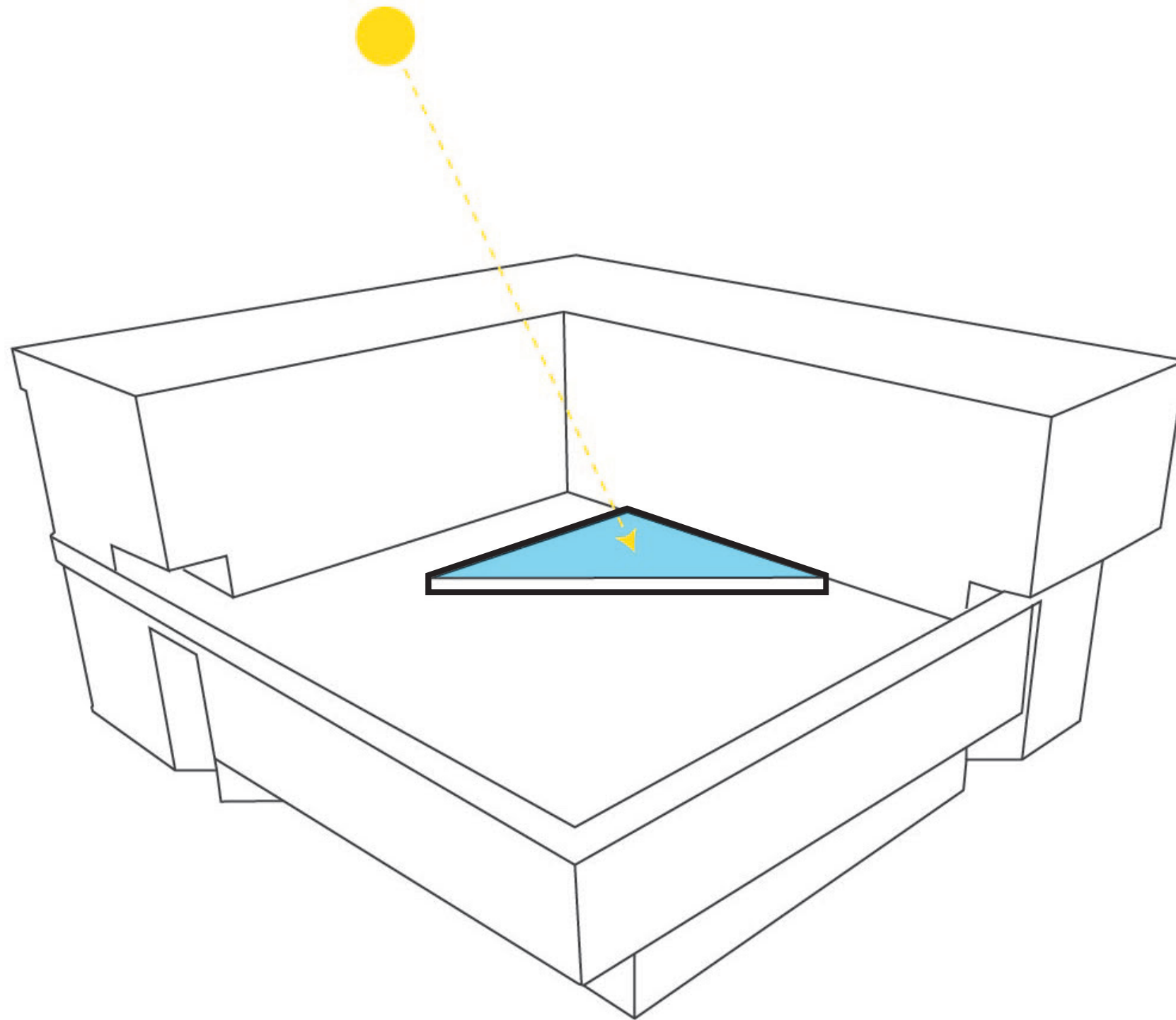
PROCESS 08

ICONIC CORNER



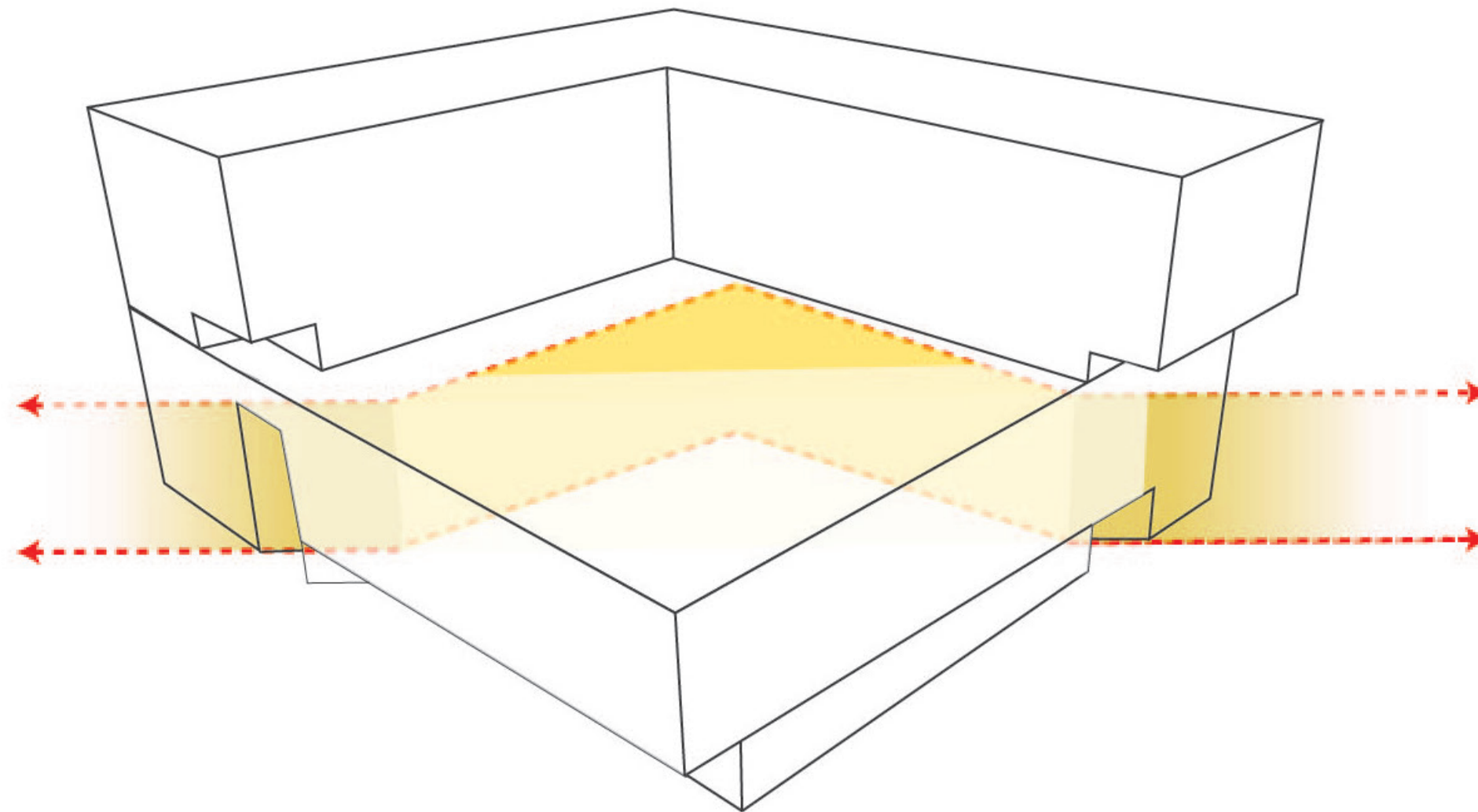
PROCESS 09

DAYLIGHT INTO THE HEART



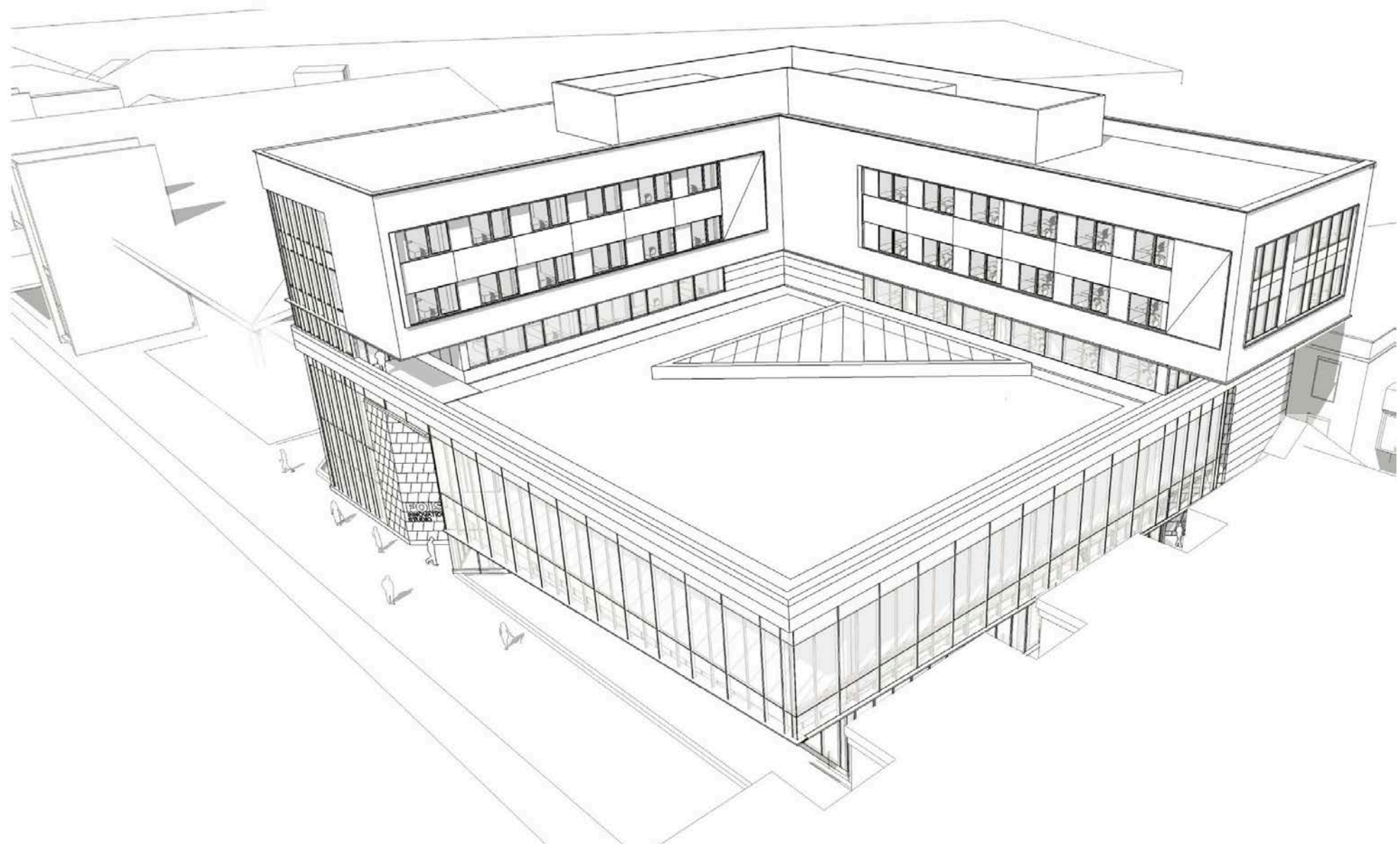
PROCESS 10

DIAGONAL LINK



PROCESS 11

CURRENT MASSING



03 | EXPERIENCE

VIEW FROM THE QUAD

COMPLETING THE QUAD



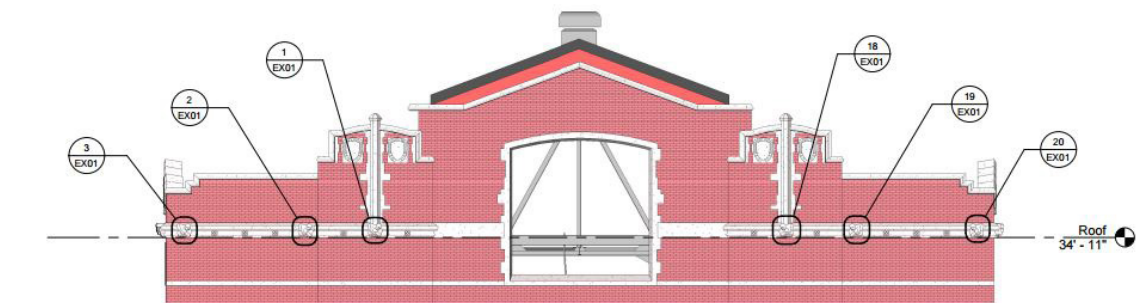
MAIN ENTRANCE

DEFINING THE CORNER



SALVAGE AND RE USE

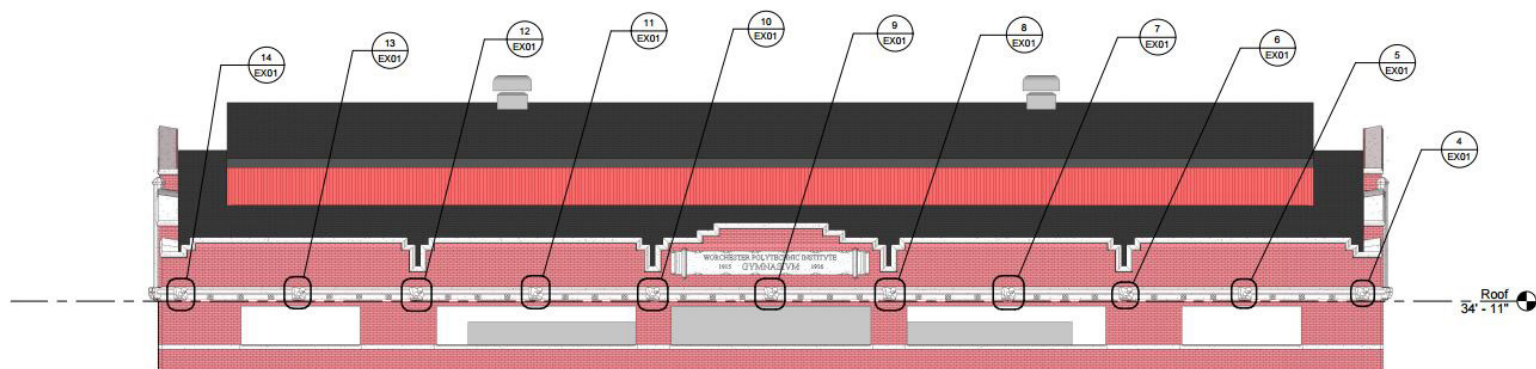
INCORPORATING HISTORY NEAR THE PROJECT



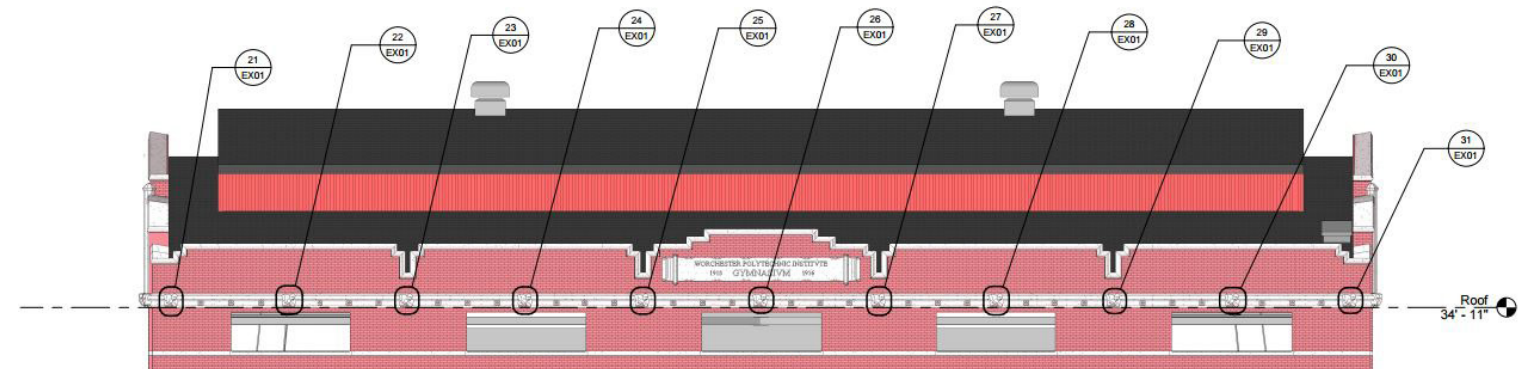
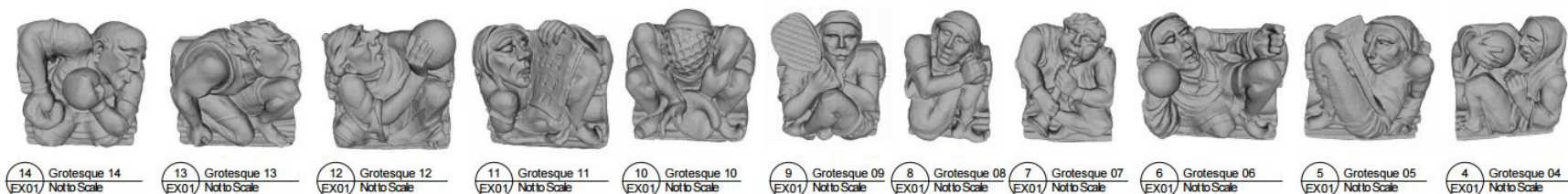
W Existing West Elevation
EX01/ Scale: 1/8" = 1'-0"



E Existing East Elevation
EX01/ Scale: 1/8" = 1'-0"



N Existing North Elevation
EX01/ Scale: 1/8" = 1'-0"



S Existing South Elevation
EX01/ Scale: 1/8" = 1'-0"

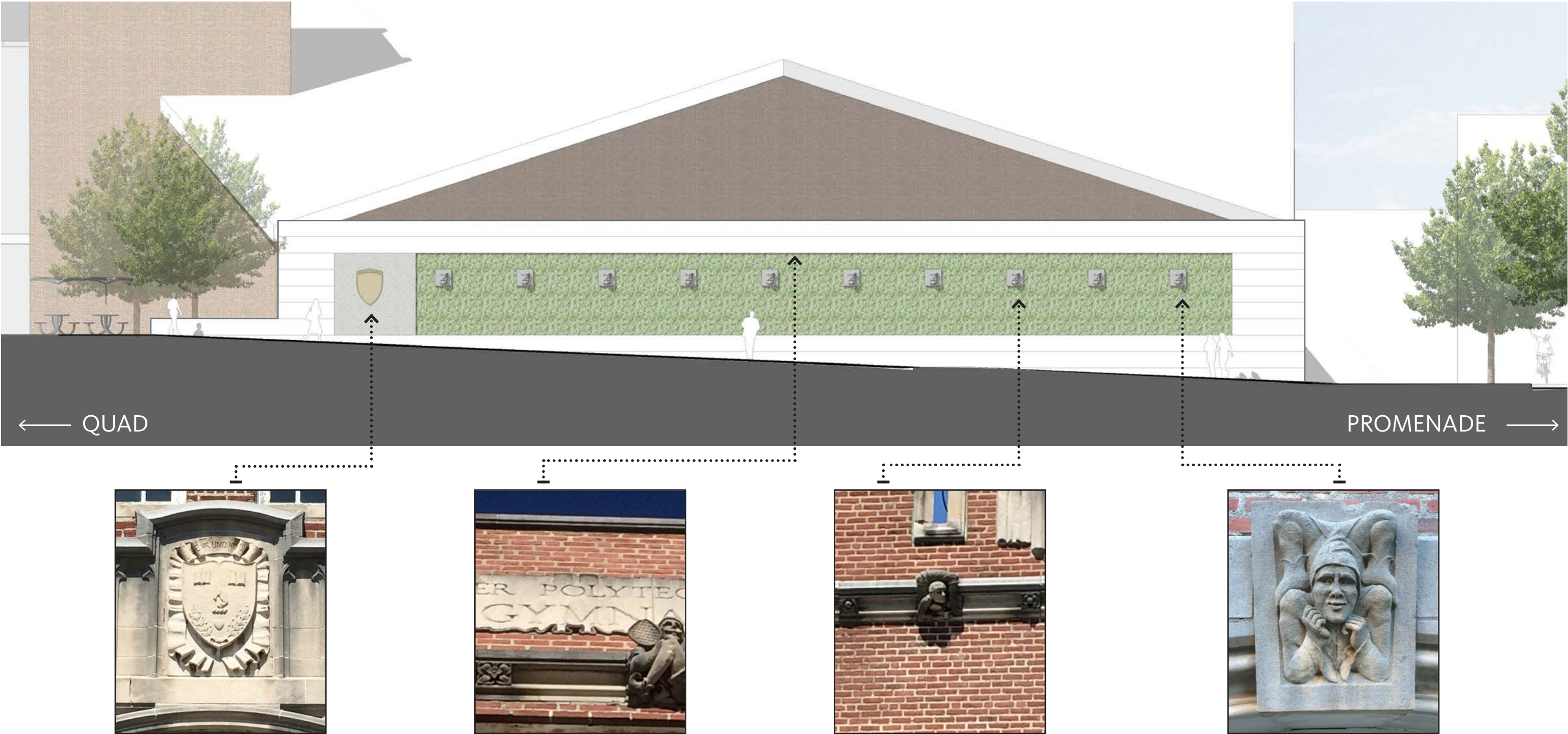


CONNECTOR
LINKING OPEN SPACES



SALVAGE AND RE USE

INCORPORATING HISTORY NEAR THE PROJECT



RESIDENTIAL ENTRANCE

VIEW FROM NORTHWEST



RESIDENTIAL ENTRANCE

DEFINING AN 'ADDRESS'



VIEW FROM FOUNTAIN

VIEW FROM NORTHEAST



VIEW FROM BEECH TREE CIRCLE

OPTION 1



VIEW FROM BEECH TREE CIRCLE

OPTION 2



FIRST FLOOR

PROGRAM ADJACENCIES

HARRINGTON

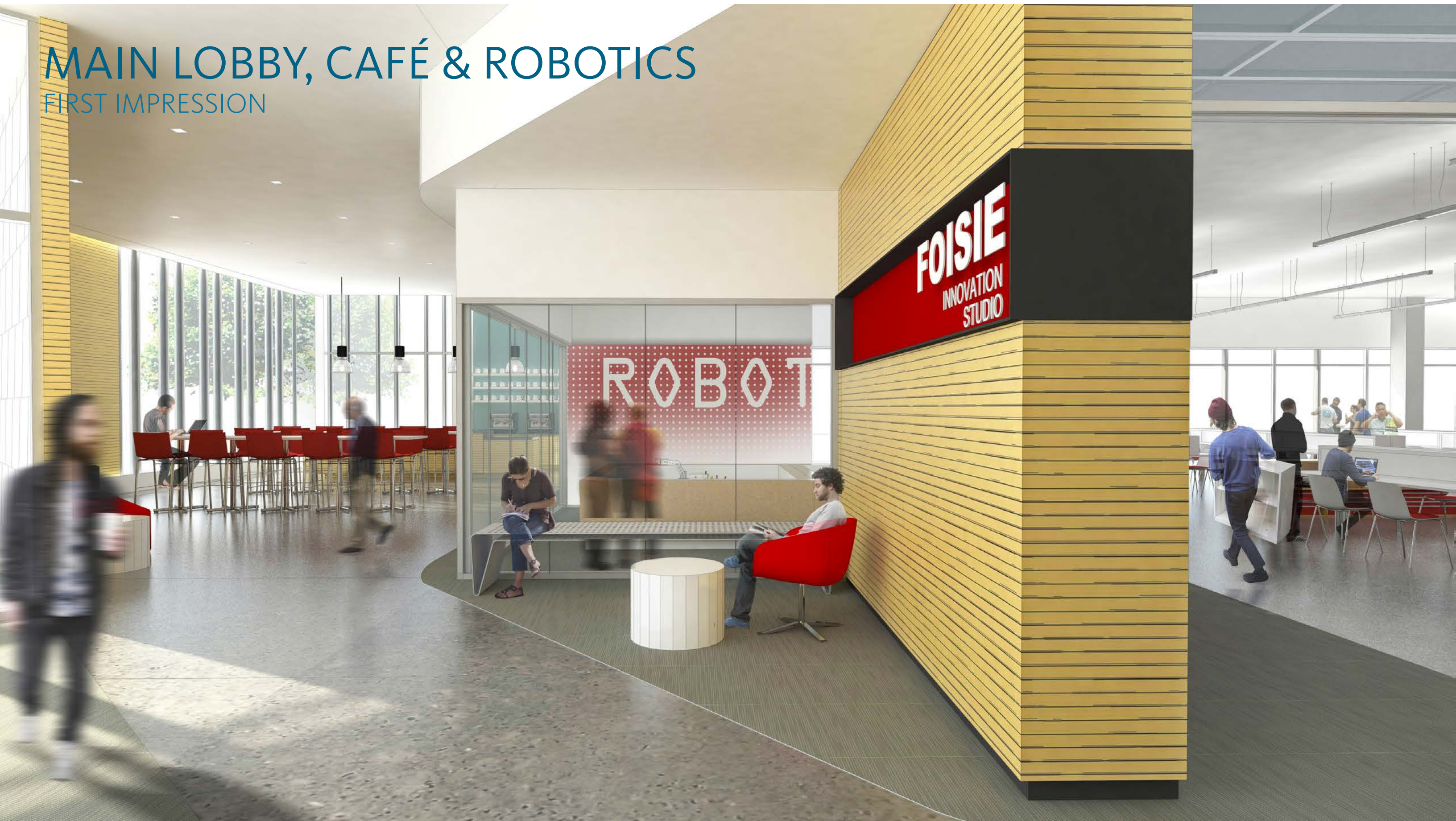


FIRST FLOOR AERIAL



MAIN LOBBY, CAFÉ & ROBOTICS

FIRST IMPRESSION



DIAGONAL LINK

COLLABORATION HIVE



TECH SUITES

COLLABORATION ZONE



MAKER SPACE

INTER CONNECTED SPACES

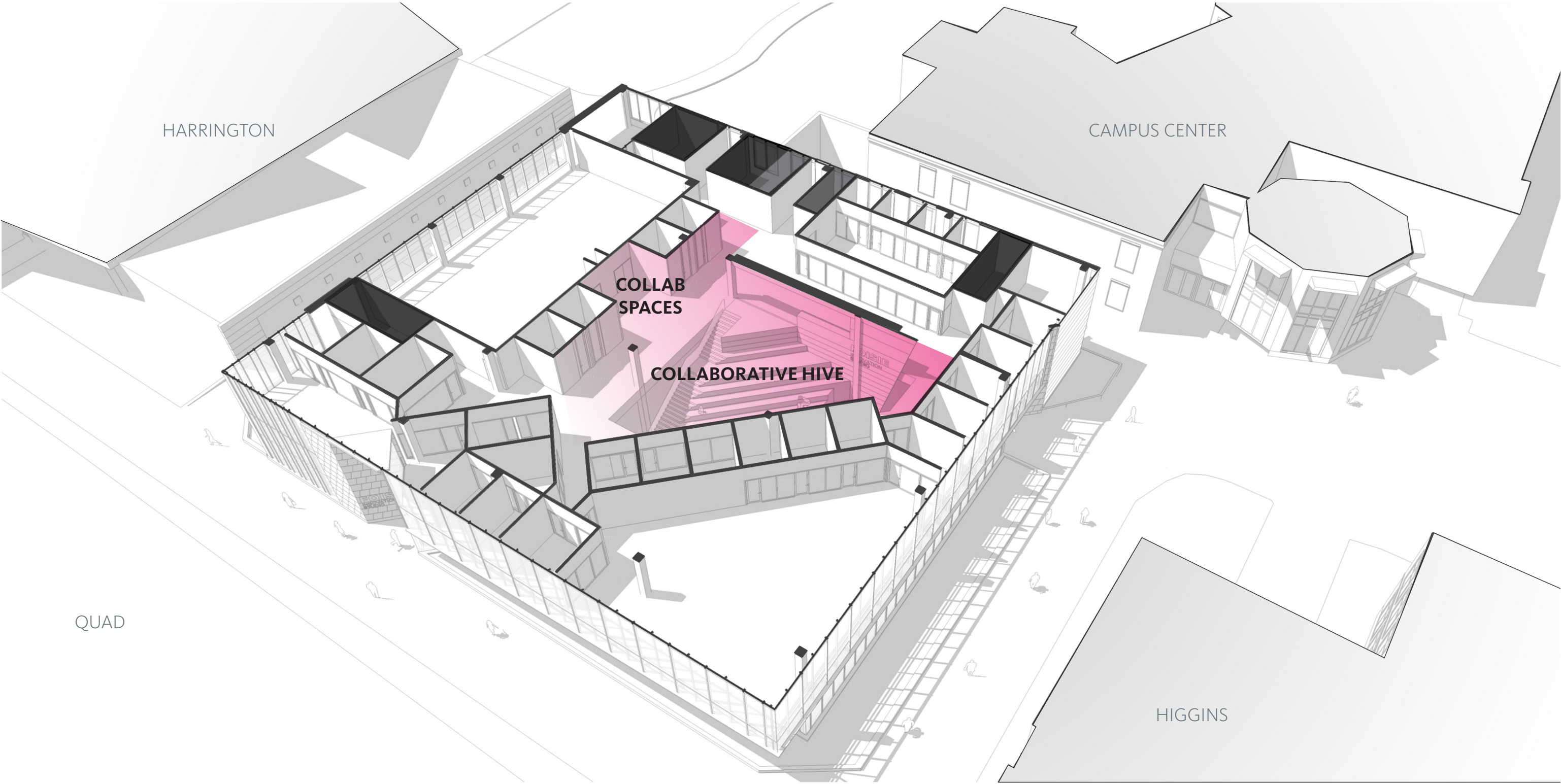


SECOND FLOOR

PROGRAM ADJACENCIES



SECOND FLOOR AERIAL



ATRIUM COLLABORATION SPACE

VIEW FROM SECOND FLOOR



ATRIUM COLLABORATION SPACE

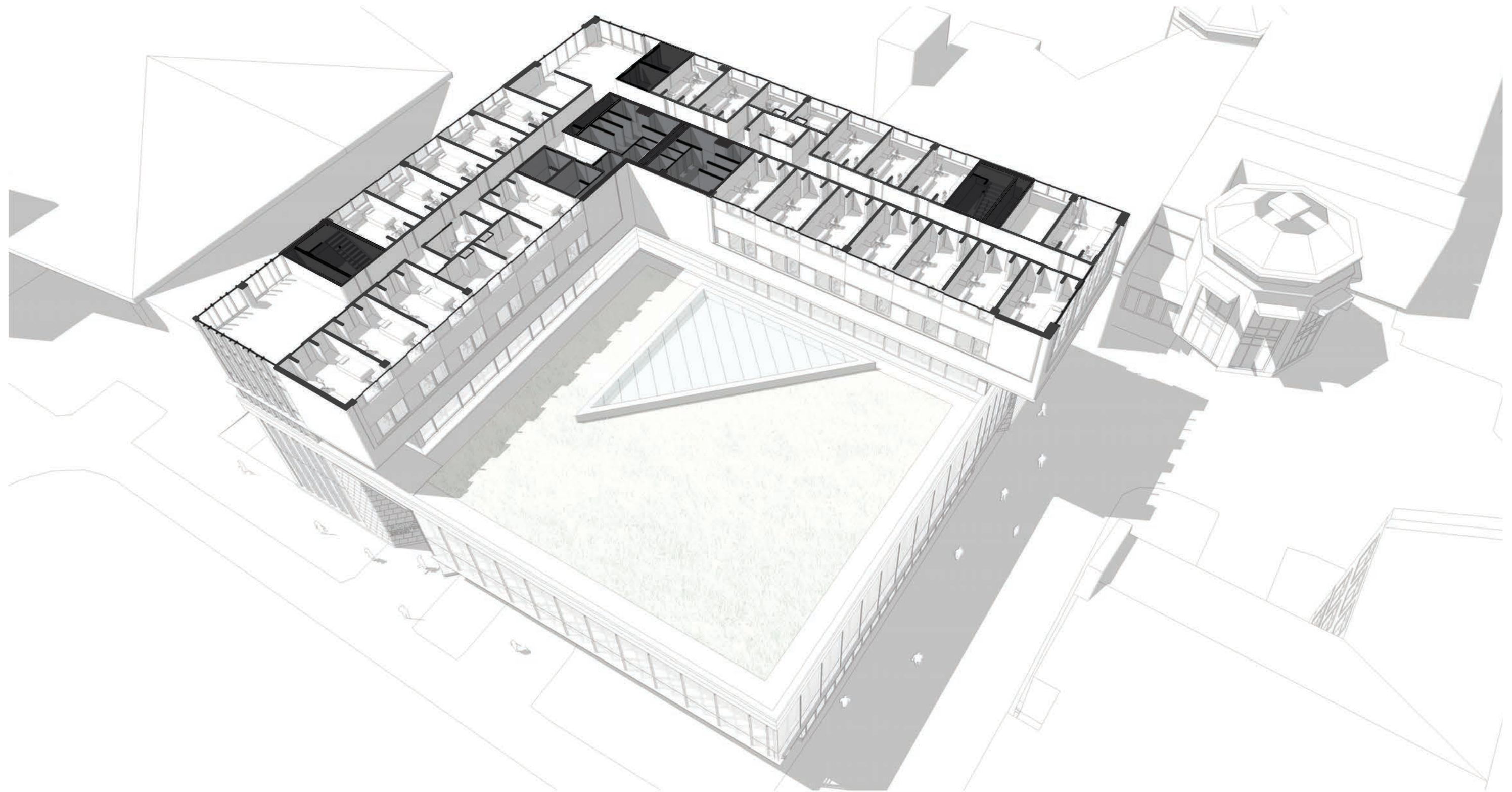


RESIDENTIAL FLOOR PLAN

FLOORS 3-5



RESIDENTIAL AERIAL



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