

00 CLINICAL TEACHING CENTER

MALAMULO MISSION HOSPITAL

CLINICAL EDUCATION AND TEACHING CENTER
DEVELOPING THE INTERSTITIAL RELATIONSHIPS
BETWEEN STAFF AND PATIENTS THROUGH THE LENSE
OF EDUCATION

MAIN ENTRANCE
LOOKING TOWARDS THE CTC

01

CLINICAL TEACHING CENTER

MALAMULO MISSION HOSPITAL

PROJECT INTRODUCTION

01.1 - PROGRAM DEFINITION

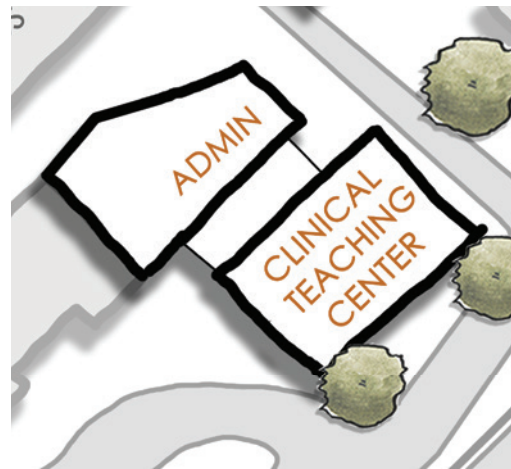
01.2 - QUANTITATIVE DESIGN

01.3 - QUALITATIVE DESIGN

01.4 - PROBLEM DEFINITION

01.5 - THESIS

CLINICAL TEACHING CENTER



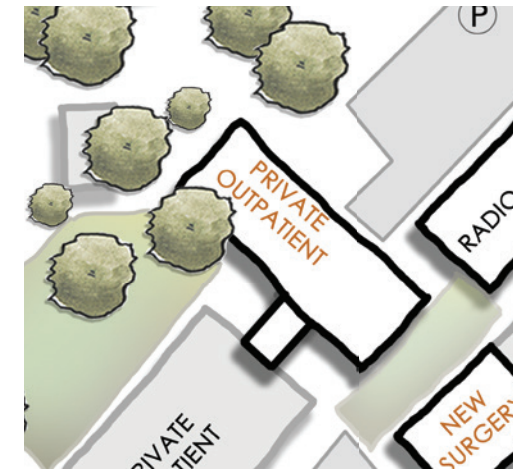
PROGRAMS: CLINICAL TEACHING
CENTER, ADMIN, RESTROOMS, EXT
SIZE: 779 SQM
CRITICAL ADJACENCIES:
ADMIN, CLASS ROOMS,
CENTRALIZATION: MODERATE

SURGERY THEATER



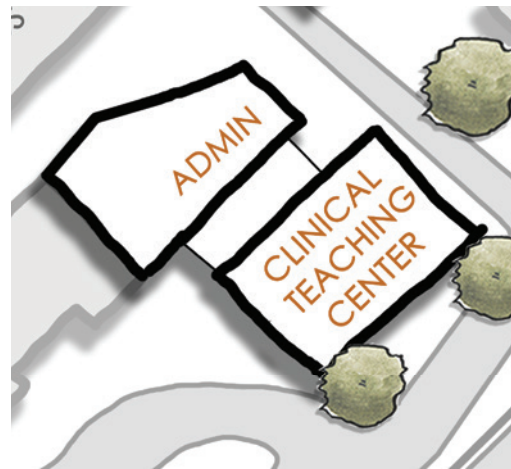
PROGRAMS: NEW SURGERY
SIZE: 210 SQM
CRITICAL ADJACENCIES:
ADMIN, CURRENT SURGERY,
INPATIENT
CENTRALIZATION: CRITICAL

PRIVATE OUTPATIENT



PROGRAMS: EXTERIOR SPACE, PRI-
VATE OUTPATIENT
SIZE: 330 SQM
CRITICAL ADJACENCIES:
PUBLIC OUTPATIENT, PUBLIC
INPATIENT, PRIVATE INPATIENT
CENTRALIZATION: NON-CENTRAL

CLINICAL TEACHING CENTER



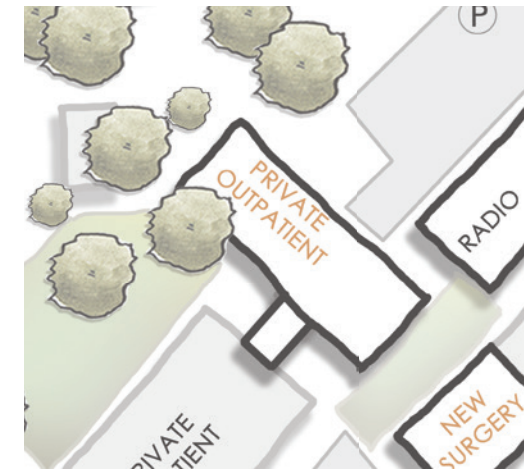
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HOSPITAL NEEDS



ADDITIONAL ADMINISTRATIVE
OFFICES



PRIVATE EXTERIOR SPACE/
STAFF LOUNGE



SOURCE OF REVENUE AND
FLAGSHIP BUILDING MODEL



STAFF EDUCATION SPACE

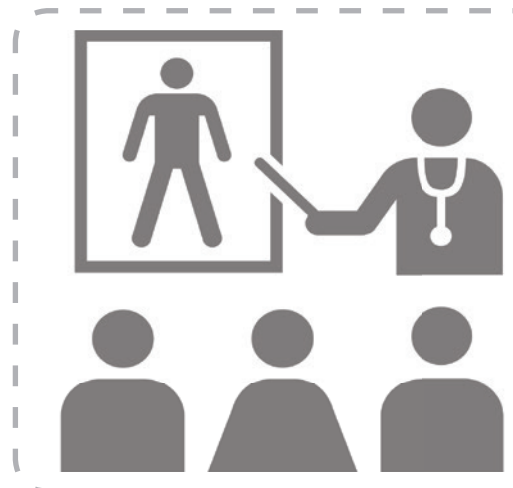
PATIENT/VISITOR NEEDS



PUBLIC EXTERIOR SPACE



BETTER RELATIONSHIP WITH
MEDICAL PROFESSIONALS



HEALTH EDUCATION COURSES



ACTIVITIES FOR DOWNTIME

HOSPITAL PROGRAM

HOSPITAL NEEDS

- (7) PRIVATE OFFICES
 - (3) EXECUTIVE OFFICES
 - (3) CALL ROOMS
 - (1) STAFF LOUNGE
 - (1) OPEN OFFICE
- ADDITIONAL ADMINISTRATIVE OFFICES

- (2) EXTERIOR LOUNGE SPACE
 - CALL ROOM PRIVATE SPACE
 - EXT. SPACE OFF STAFF LOUNGE
 - (1) PRIVATE COURTYARD SPACE
- PRIVATE EXTERIOR SPACE/STAFF LOUNGE

- (1) SKILLS LAB
 - PRIMARY LOCATION ALONG BUILDING ENTRANCE.
 - DEVELOP BUILDING STRATEGY
- SOURCE OF REVENUE AND FLAGSHIP BUILDING MODEL

- (1) SKILLS LAB
 - (1) LIBRARY
 - (1) LECTURE HALL
 - (1) CONFERENCE ROOM
- STAFF EDUCATION SPACE

PATIENT/VISITOR NEEDS

- (1) EXTERIOR AMPHITHEATER
 - (3) PRIVATE LEARNING HUBS
 - (1) PUBLIC GATHERING SPACE
- PUBLIC EXTERIOR SPACE

- COURSES WITH STAFF
 - REDUCE THE RATE OF REPEAT PATIENTS
 - BUFFERS TO CREATE COMFORTABLE SEPARATION
- BETTER RELATIONSHIP WITH MEDICAL PROFESSIONALS

- REDUCE THE RATE OF REPEAT PATIENTS
 - IMPROVE HEALTH STANDARDS
 - BETTER THE PATIENT EXPERIENCE
- HEALTH EDUCATION COURSES

- EDUCATIONAL OPPORTUNITIES FOR LONG TERM PATIENTS
 - COURSES FOR GUARDIANS
 - COMFORTABLE SPACE FOR VISITORS
- ACTIVITIES FOR DOWNTIME

HOSPITAL PROGRAM

HOSPITAL NEEDS

- (7) PRIVATE OFFICES
- (3) EXECUTIVE OFFICES
- (3) CALL ROOMS
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- STAFF EDUCATION SPACE

PATIENT/VISITOR NEEDS

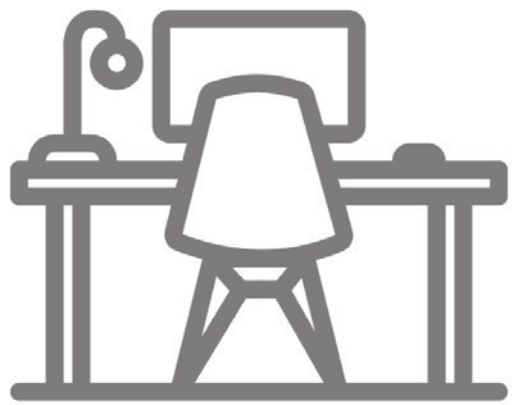
- (1) EXTERIOR AMPHITHEATER
- (3) PRIVATE LEARNING HUBS
- (1) PUBLIC GATHERING SPACE
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- COMFORTABLE SPACE FOR VISITORS
- ACTIVITIES FOR DOWNTIME

HOSPITAL NEEDS



ADDITIONAL ADMINISTRATIVE
OFFICES



PRIVATE EXTERIOR SPACE/
STAFF LOUNGE



SOURCE OF REVENUE AND
FLAGSHIP BUILDING MODEL



STAFF EDUCATION SPACE

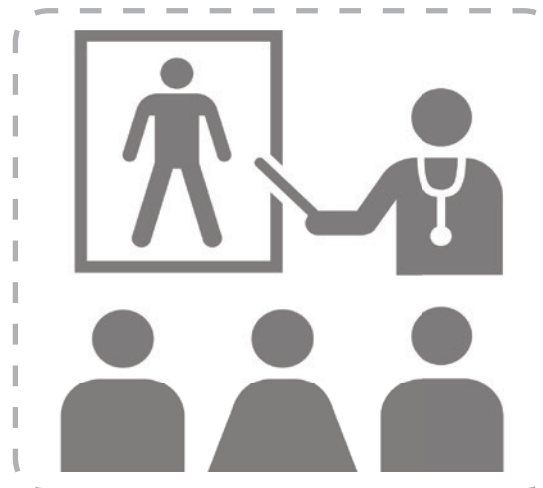
PATIENT/VISITOR NEEDS



PUBLIC EXTERIOR SPACE



BETTER RELATIONSHIP WITH
MEDICAL PROFESSIONALS



HEALTH EDUCATION COURSES



ACTIVITIES FOR DOWNTIME

HOSPITAL NEEDS



ADDITIONAL ADMINISTRATIVE
OFFICES



SOURCE OF REVENUE AND
FLAGSHIP BUILDING MODEL



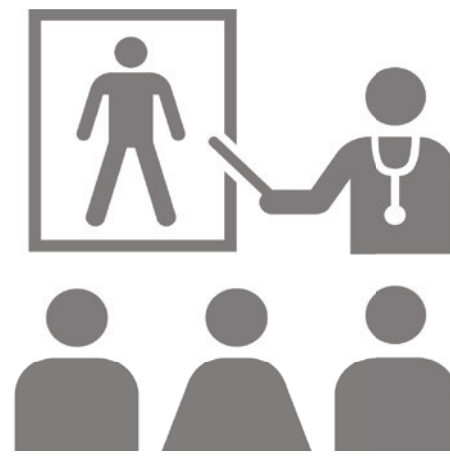
PRIVATE EXTERIOR SPACE/
STAFF LOUNGE



STAFF EDUCATION SPACE

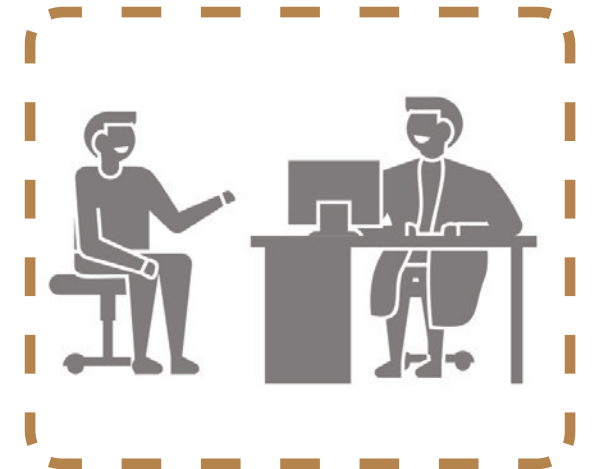


PUBLIC EXTERIOR SPACE



HEALTH EDUCATION COURSES

PATIENT/VISITOR NEEDS



BETTER RELATIONSHIP WITH
MEDICAL PROFESSIONALS



ACTIVITIES FOR DOWNTIME

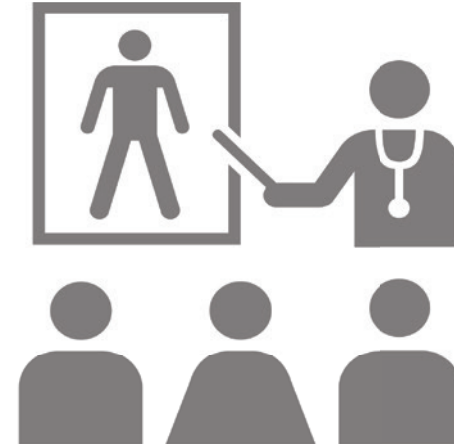
HOSPITAL NEEDS

ADDITIONAL ADMINISTRATIVE
OFFICESSOURCE OF REVENUE AND
FLAGSHIP BUILDING MODELPRIVATE EXTERIOR SPACE/
STAFF LOUNGE

STAFF EDUCATION SPACE



PUBLIC EXTERIOR SPACE

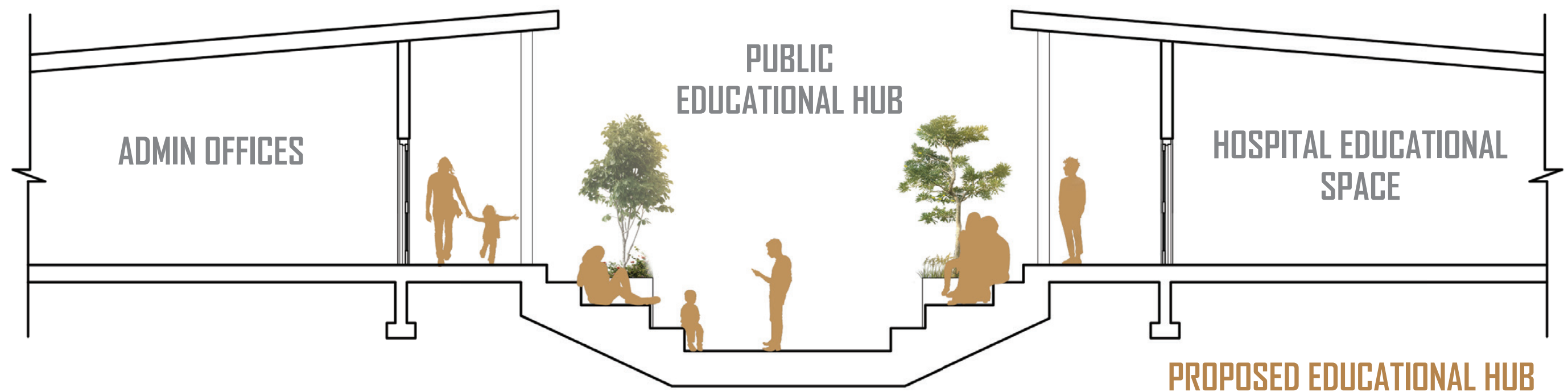


HEALTH EDUCATION COURSES

PATIENT/VISITOR NEEDS

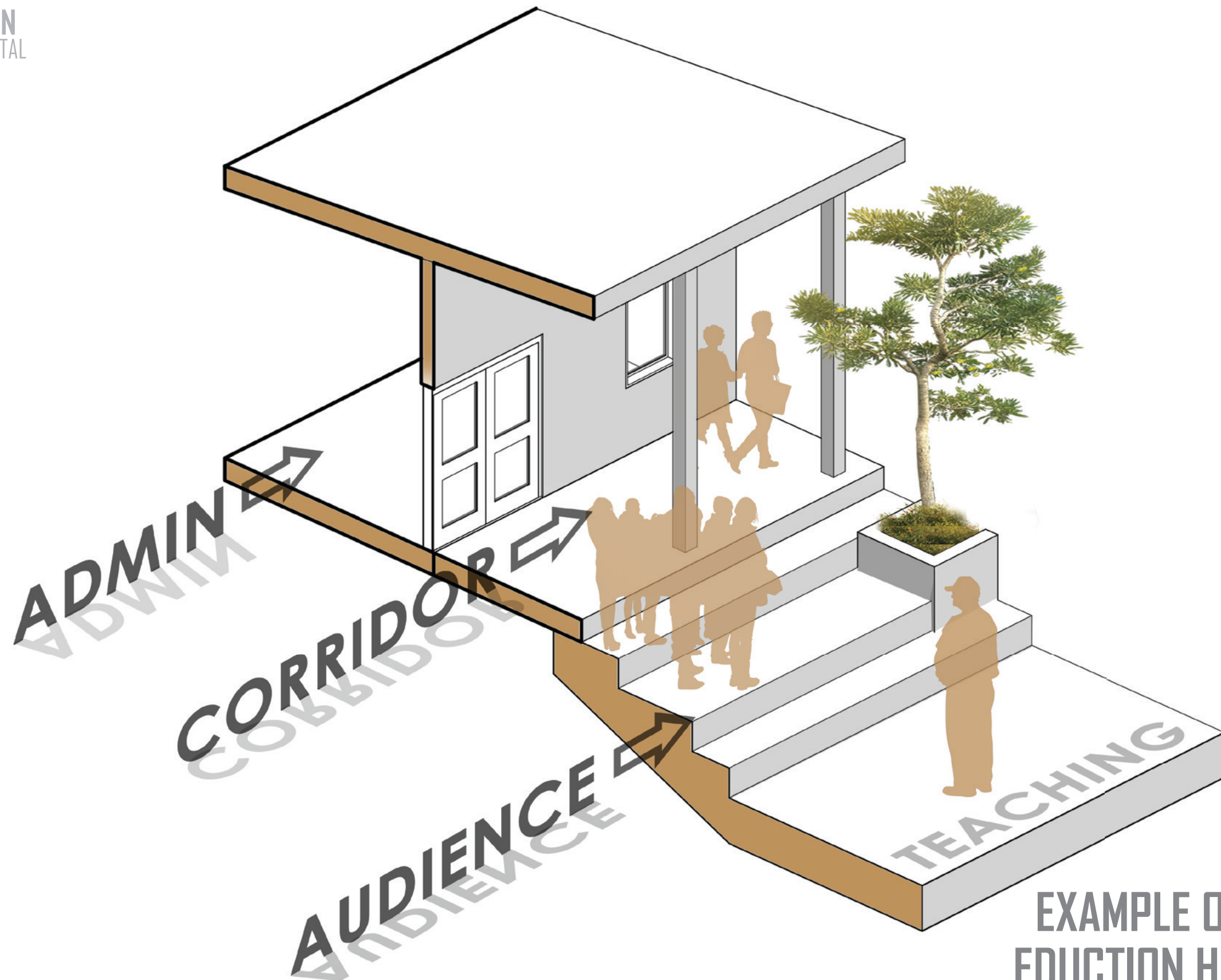
BETTER RELATIONSHIP WITH
MEDICAL PROFESSIONALS

ACTIVITIES FOR DOWNTIME



01.3

QUALITATIVE DESIGN
MALAMULO MISSION HOSPITAL



EXAMPLE OF
EDUCATION HUB

THE PROBLEM . . .

How can the installation of a Clinical Education and Teaching Center benefit the patients and staff alike in a manner that **promotes equity, resiliency and health care education to ultimately reduce preventative ailments.**



THE APPROACH . . .

The Clinical Education and Teaching Center Center will **foster development** by creating a space for healthcare Professionals and patients alike to educate and learn from one another while providing income to the hospital. The design will embody the hospital's ability to sustain by providing the program necessary to promote opportunities to break the chain of resiliency and begin the process of sustained growth. This is done so by developing all aspects of the CETC, which then **bridges separated hospital elements while providing private learning and gathering hubs for patients and staff alike.**



02 CLINICAL TEACHING CENTER

MALAMULO MISSION HOSPITAL

PLANNING STRATEGIES

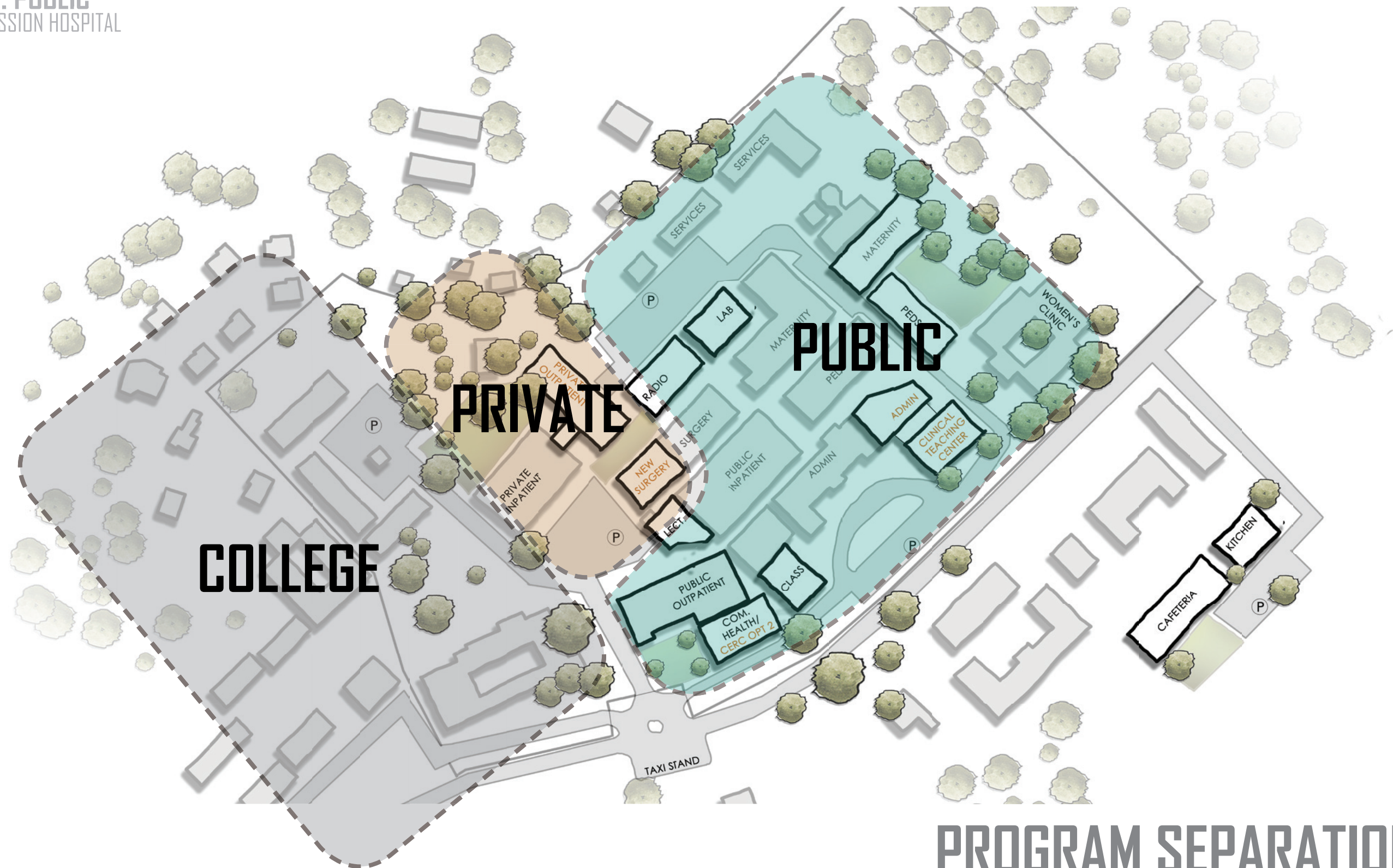
02.1 - PRIVATE V. PUBLIC

02.2 - FRAMEWORK PLAN

02.3 - CETC PLANNING STRATEGY

02.1

PRIVATE V. PUBLIC
MALAMULO MISSION HOSPITAL



PROGRAM SEPARATION

02.2
FRAMEWORK PLAN
MALAMULO MISSION HOSPITAL



02.3

CETC PLANNING STRATEGY
MALAMULO MISSION HOSPITAL



PRIV
OUT

RADIOLOGY

LABS

NEW
SURG

NEW
MAT

NEW
PEDS

COMM
HEALTH

CLASSROOMS

ADMIN

CERC SITE
REDEVELOPMENT
PHASE I

PHASE II

CETC SITE LOCATION

02.3

CETC PLANNING STRATEGY
MALAMULO MISSION HOSPITAL



CERC SITE
REDEVELOPMENT
PHASE I

PHASE II

SITE AXIS - CIRCULATION

02.3

CETC PLANNING STRATEGY
MALAMULO MISSION HOSPITAL



SITE GRID BROKEN

CERC SITE
REDEVELOPMENT
PHASE I

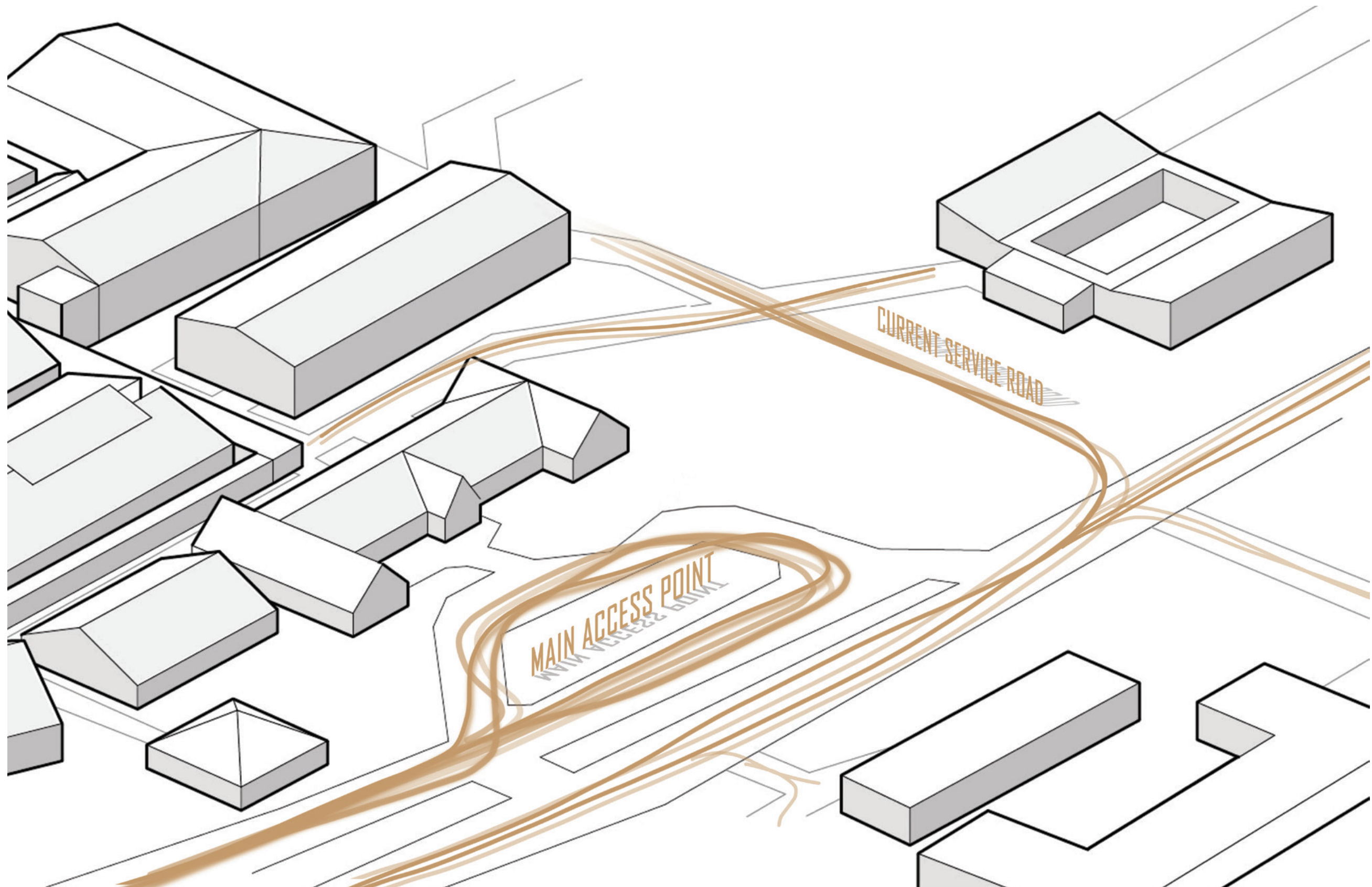
PHASE II

SITE AXIS - BROKEN

02.3

CETC PLANNING STRATEGY
MALAMULO MISSION HOSPITAL

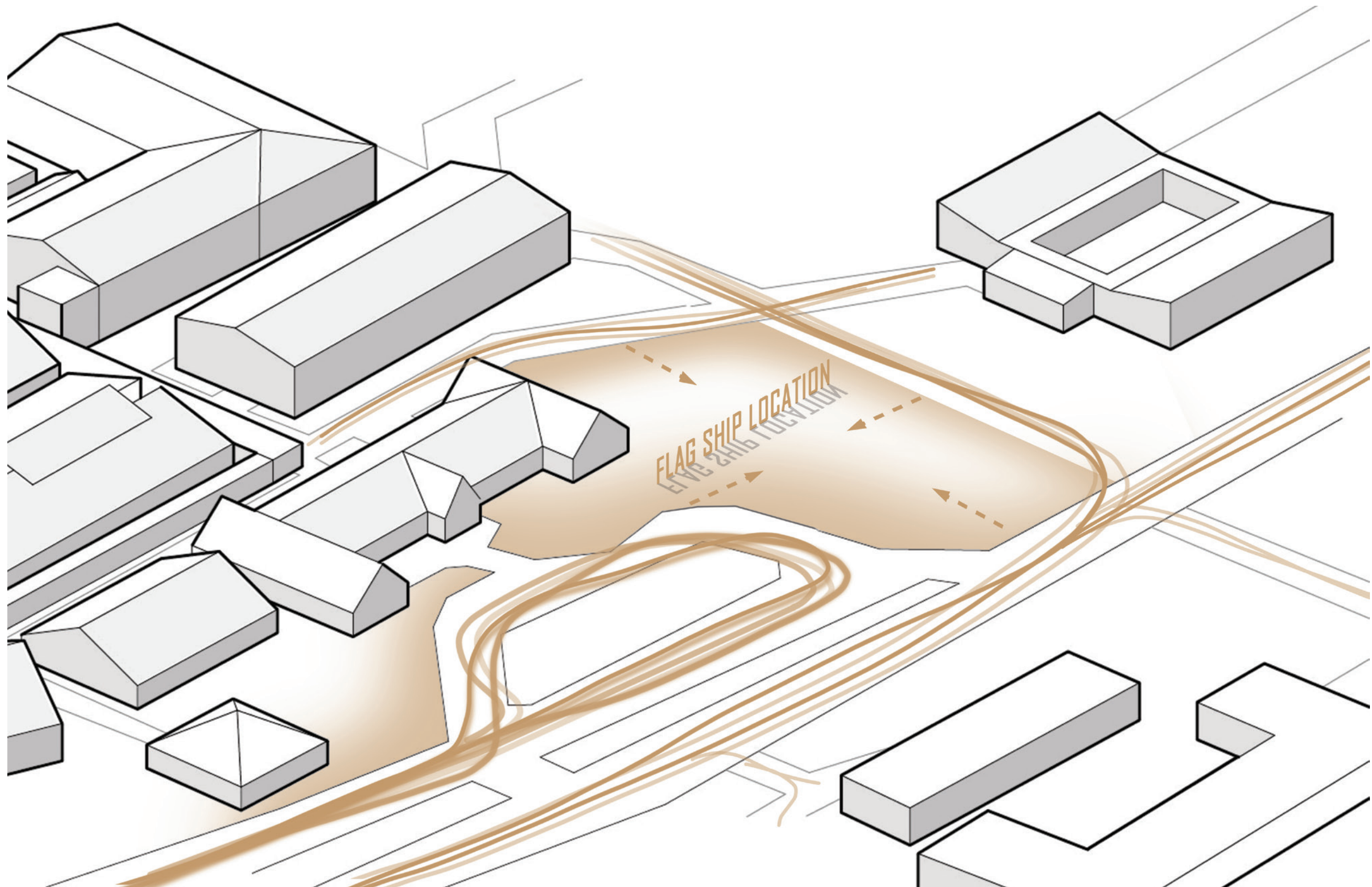
CIRCUALTION



02.3

CETC PLANNING STRATEGY
MALAMULO MISSION HOSPITAL

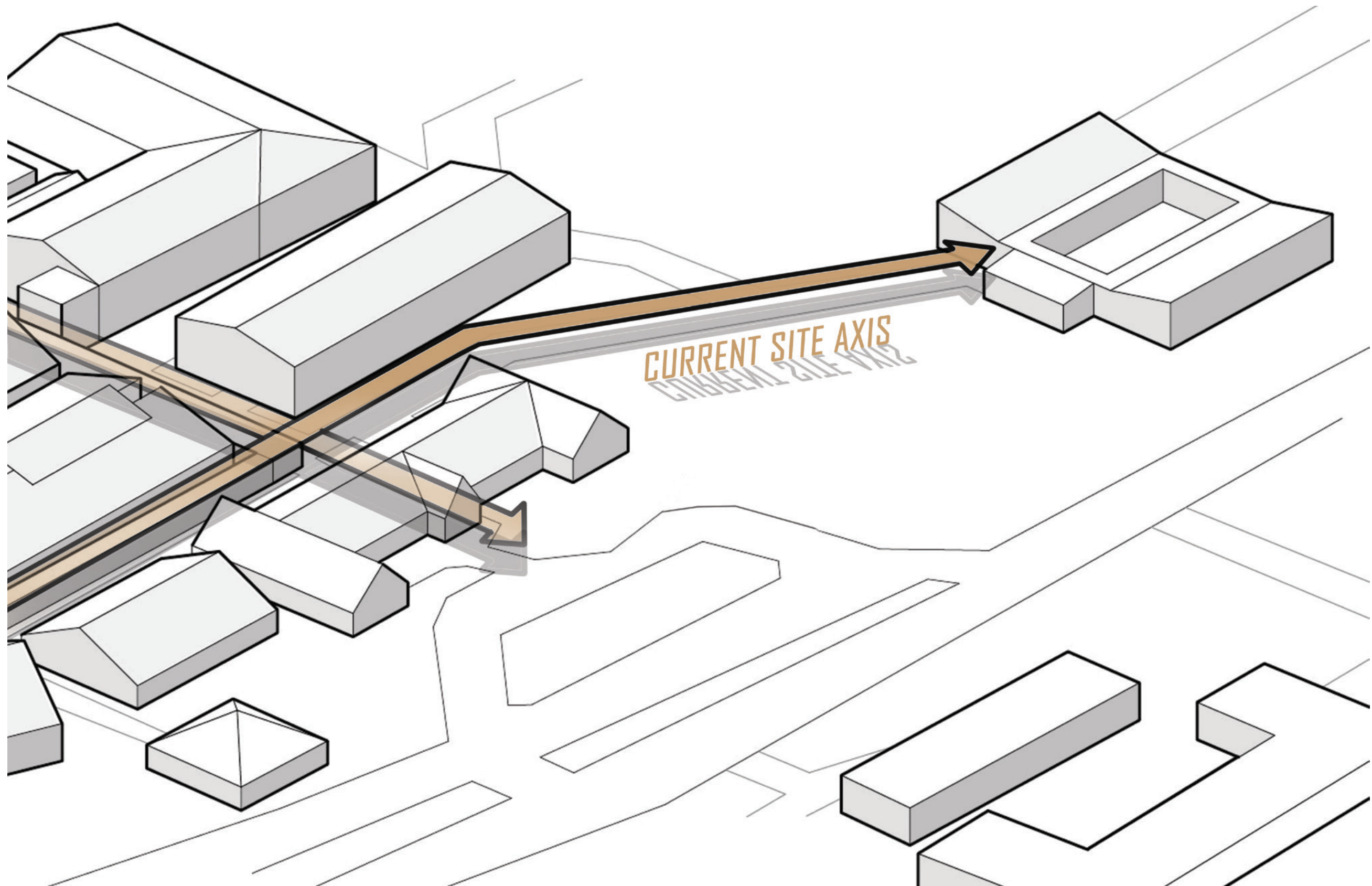
LOCATION SELECTION



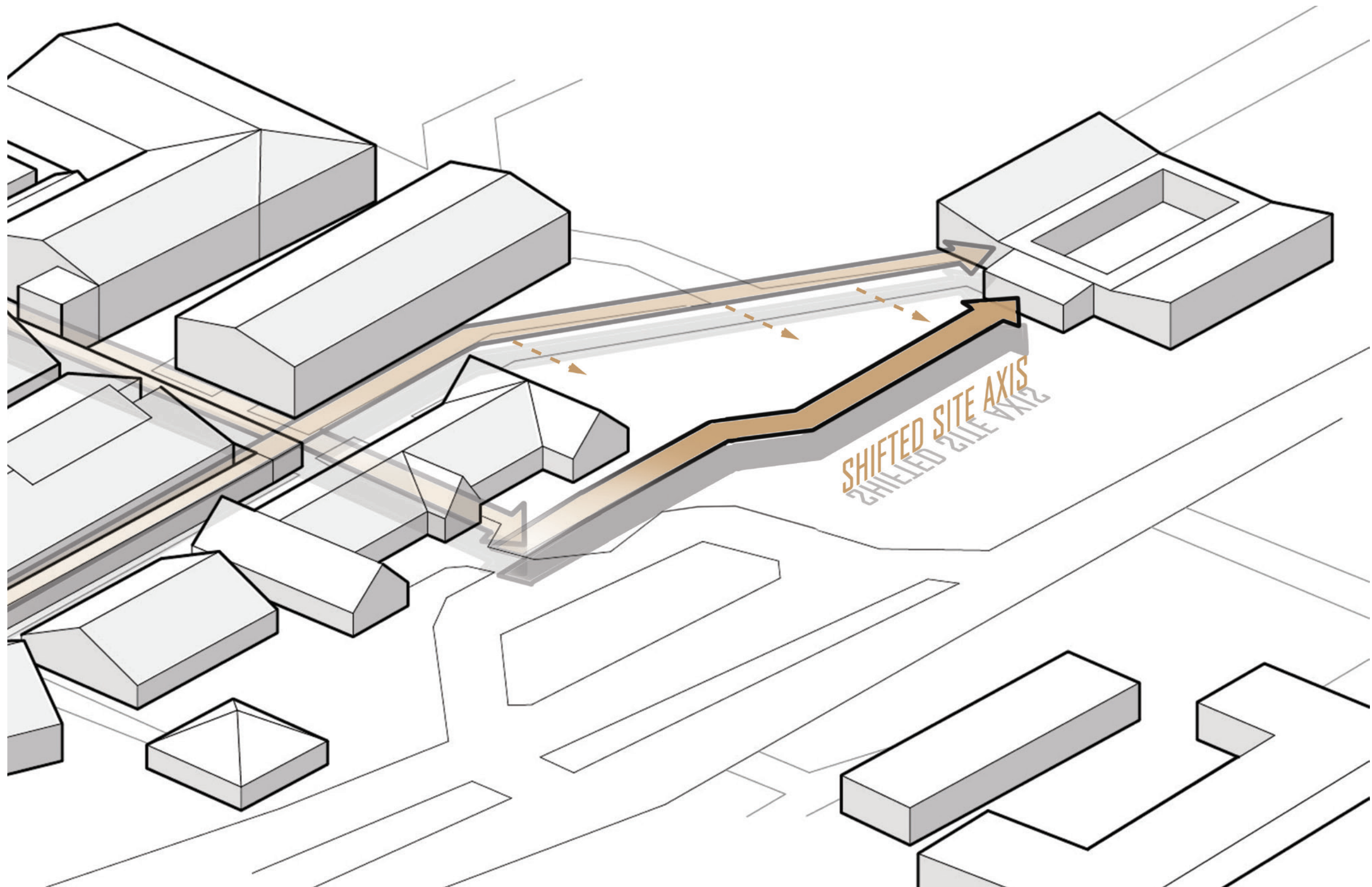
02.3

CETC PLANNING STRATEGY
MALAMULO MISSION HOSPITAL

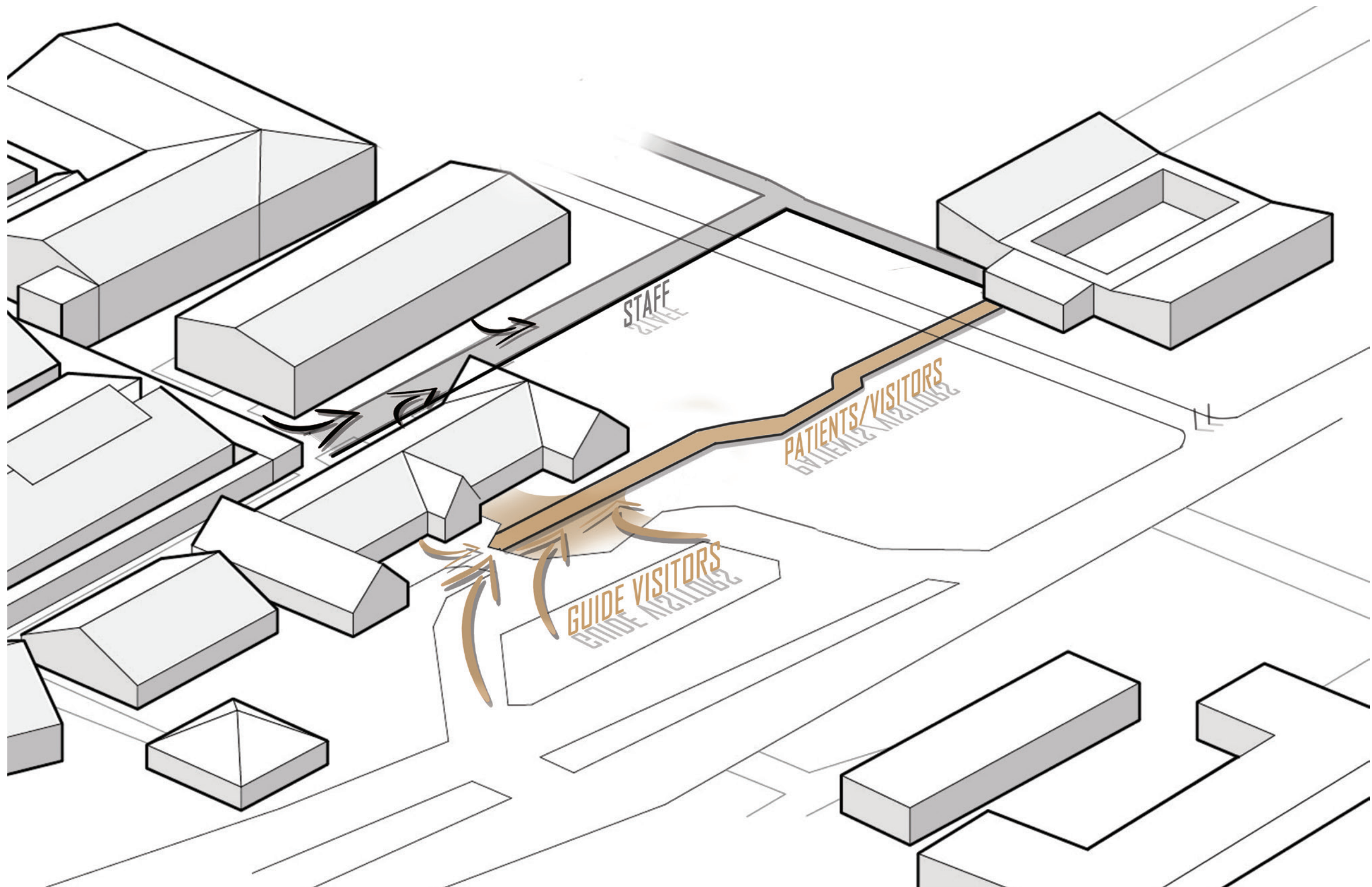
SITE AXIS



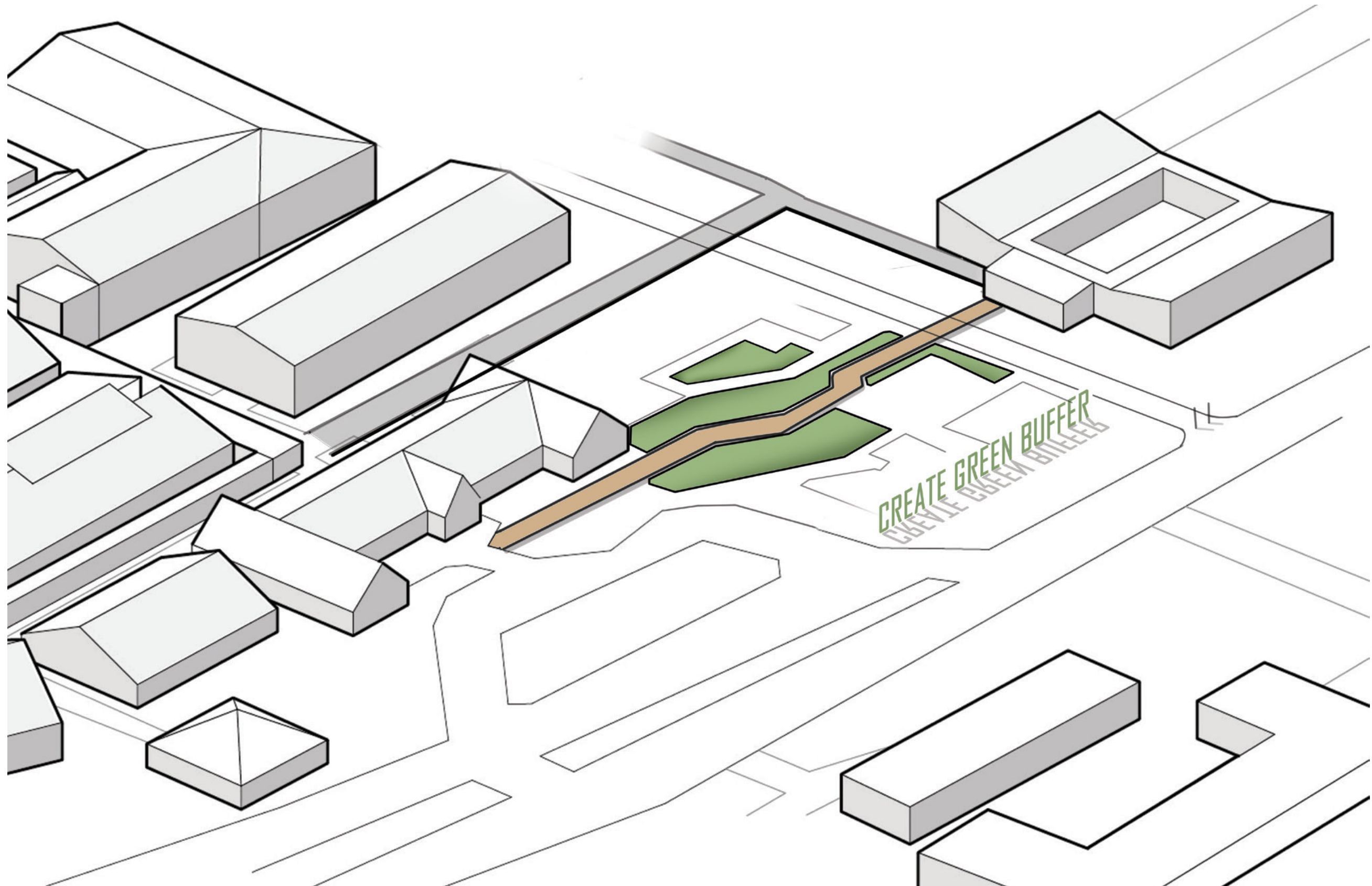
SHIFTED SITE AXIS



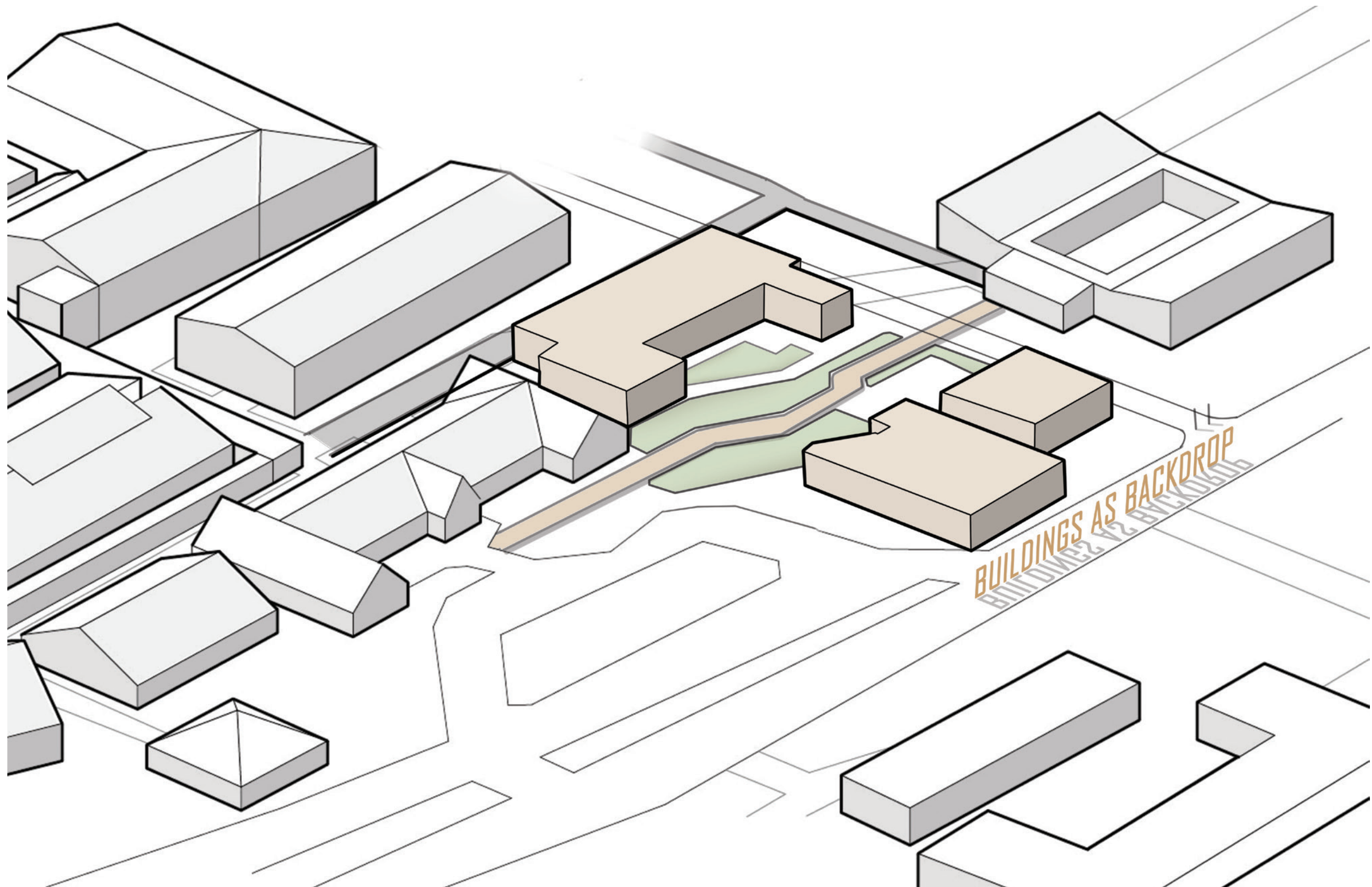
PEDESTRIAN GUIDANCE



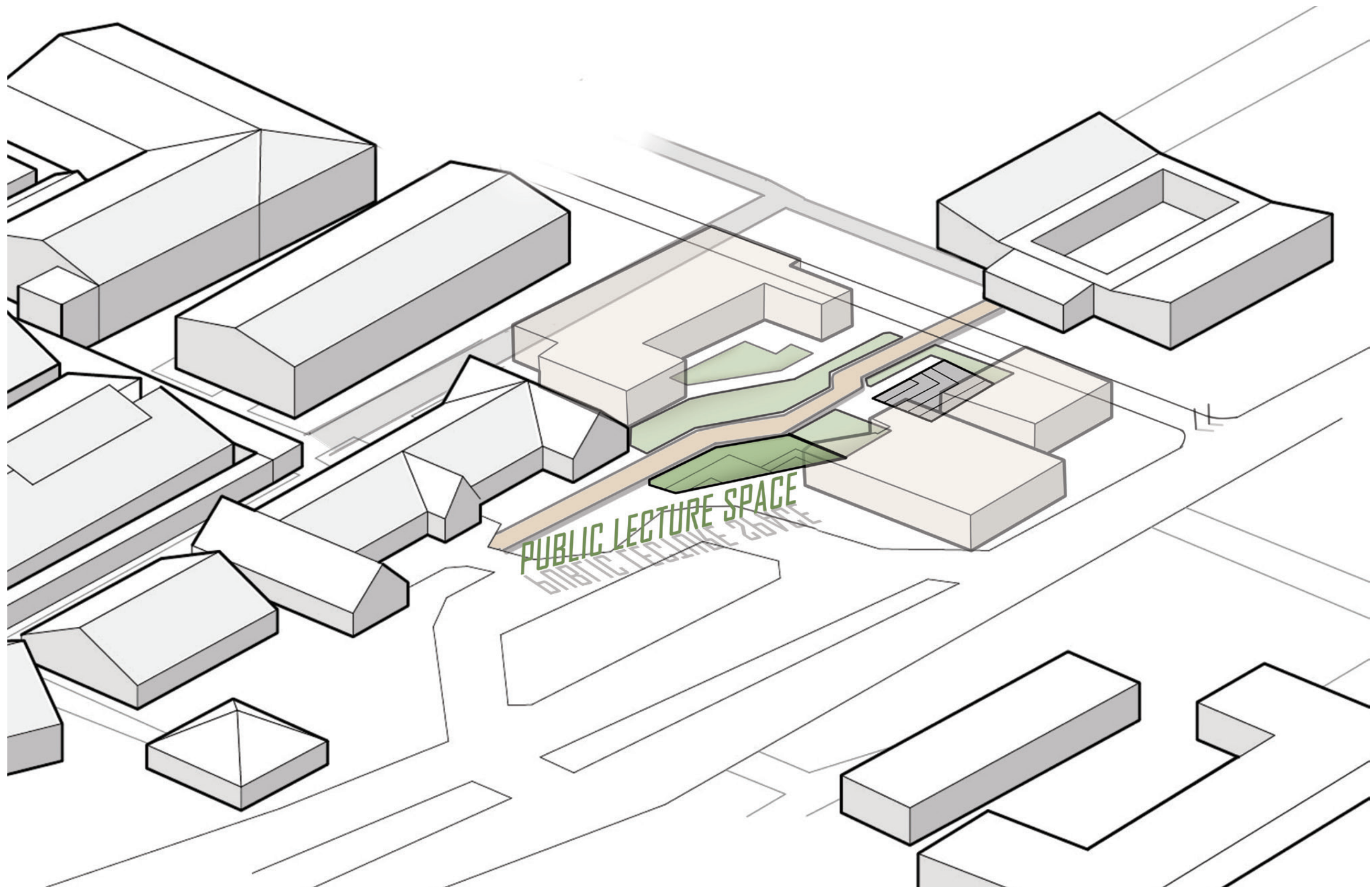
BUFFER ZONES



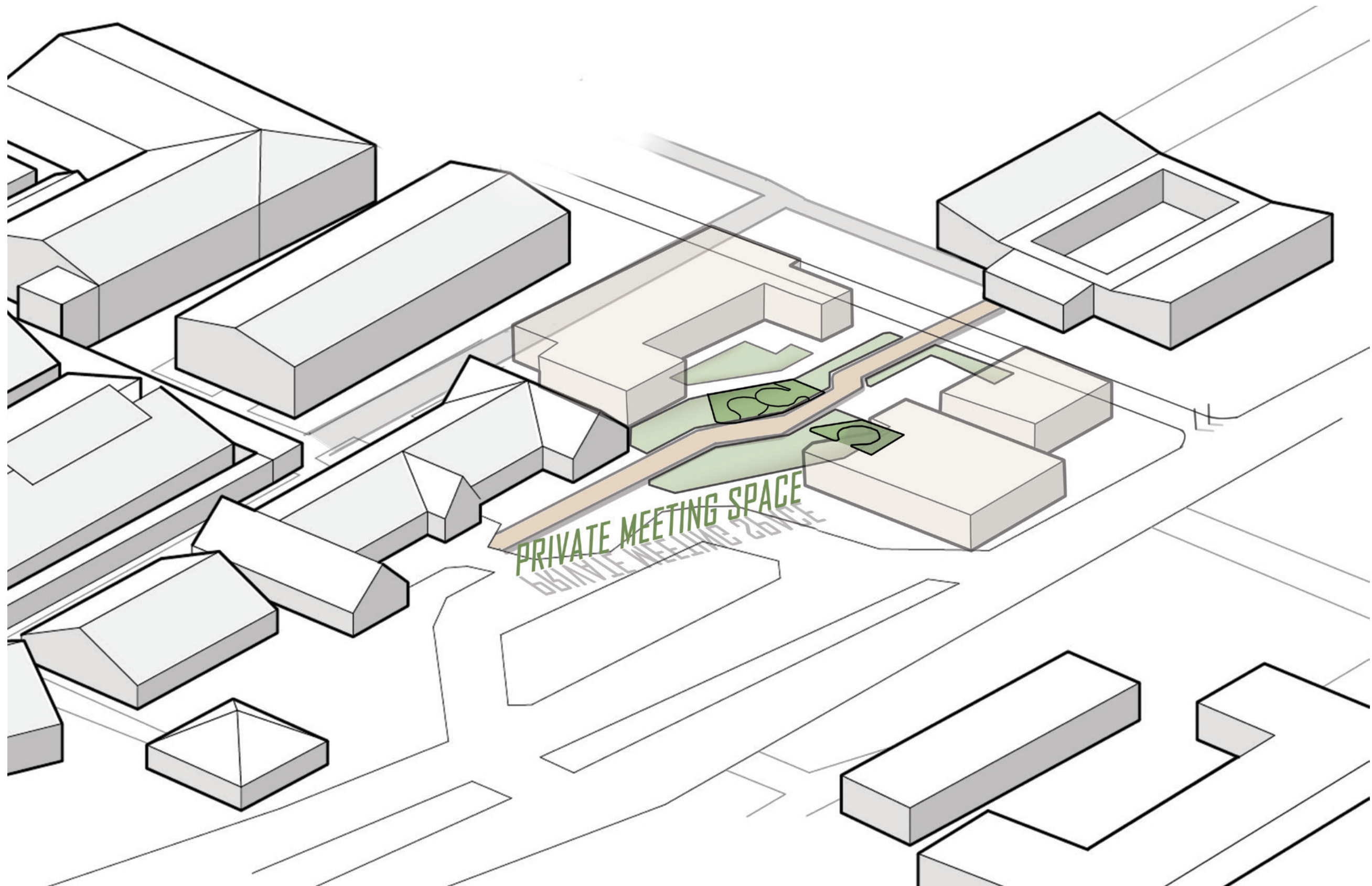
BUILDING DEVELOPMENT



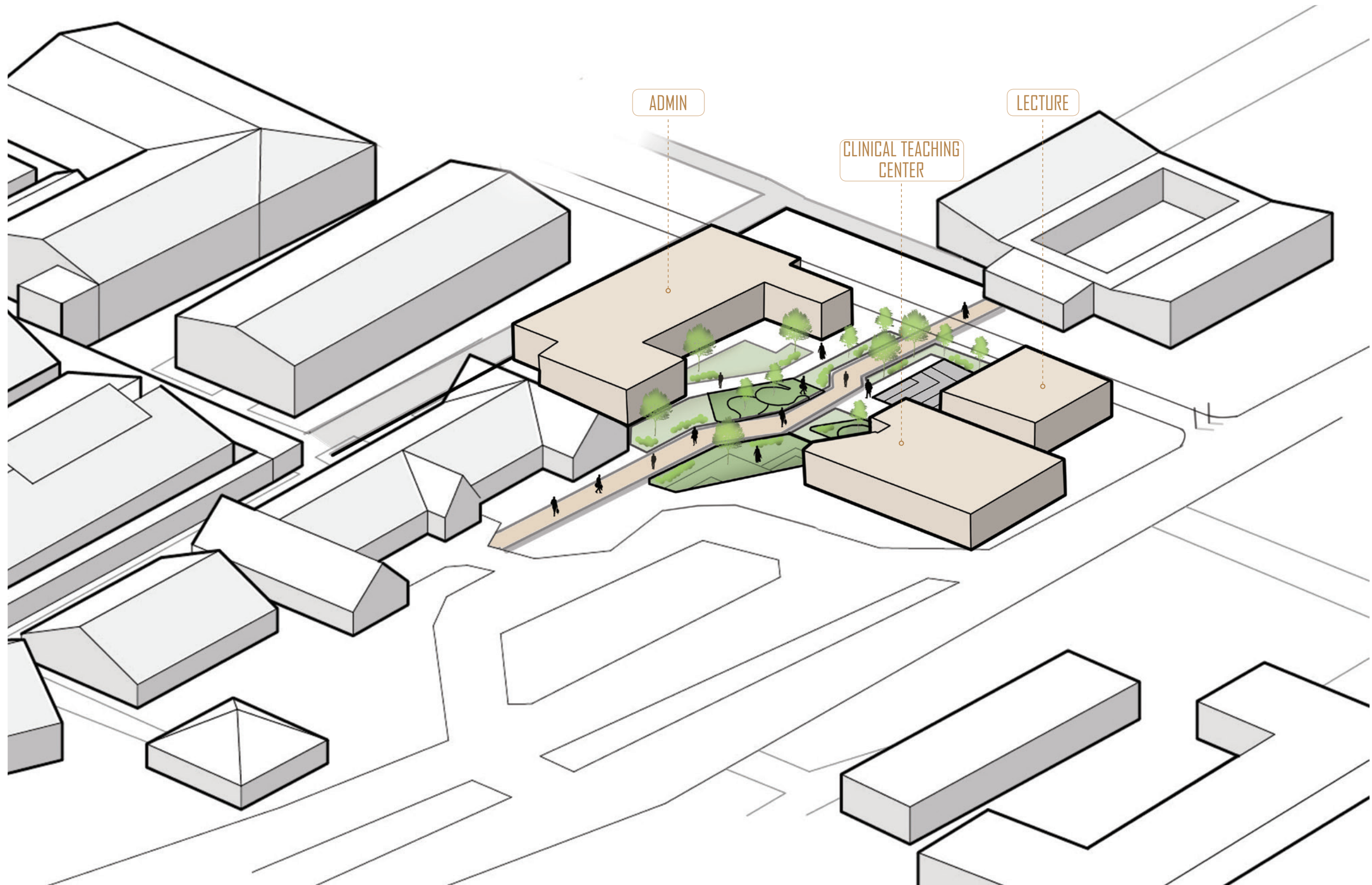
SPATIAL DEFINITION



SPATIAL DEFINITION



CETC LAYOUT



03 CLINICAL TEACHING CENTER

MALAMULO MISSION HOSPITAL

CLINICAL EDUCATION AND RESEARCH CENTER

03.1 - SITE PLAN

03.2 - FLOOR PLAN

03.3 - SITE SECTION

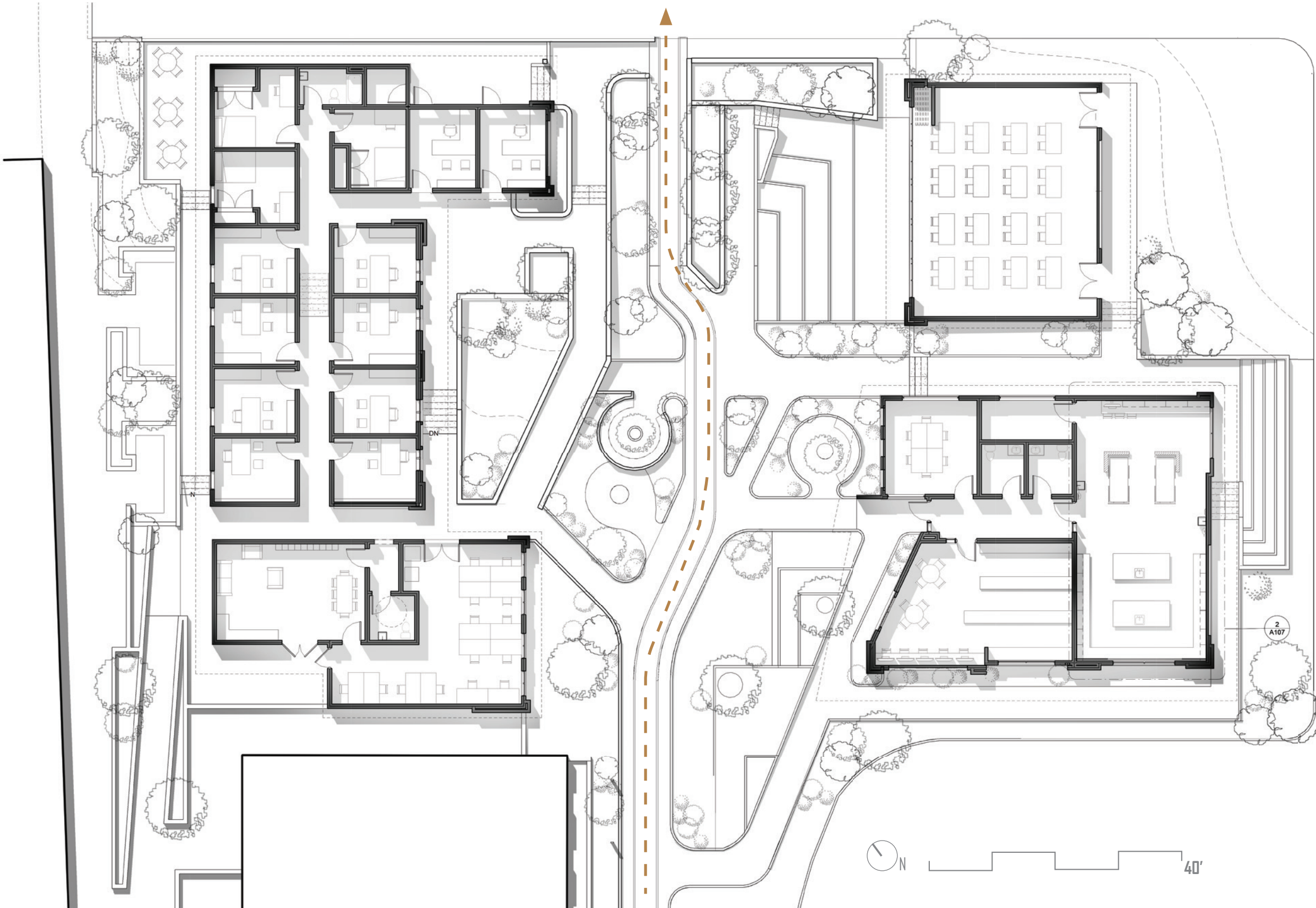
03.4 - BUILDING SECTIONS

03.5 - BUILDING DETAILS

03.1

SITE PLAN
MALAMULO MISSION HOSPITAL

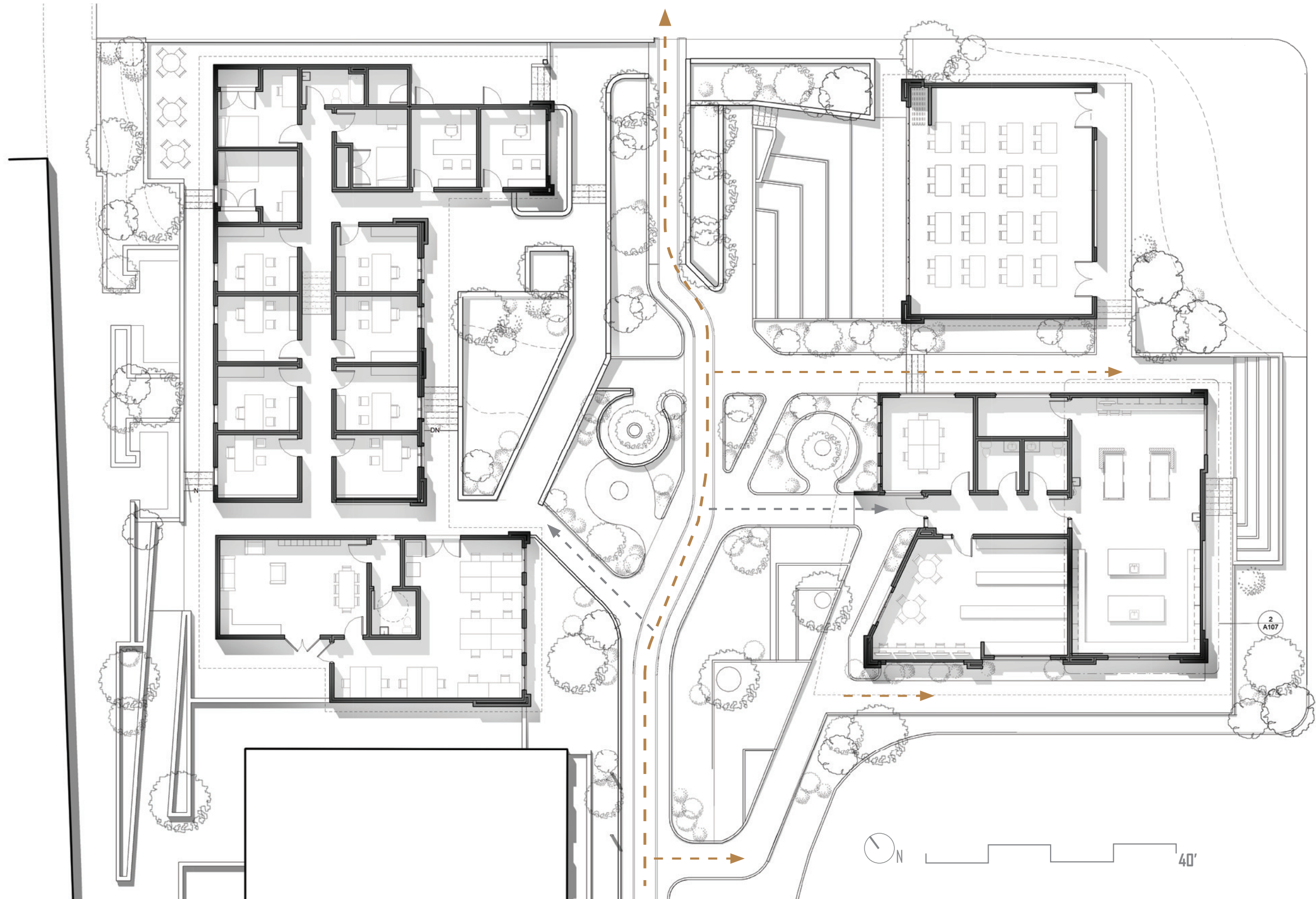




03.2

FLOOR PLAN MALAMULO MISSION HOSPITAL

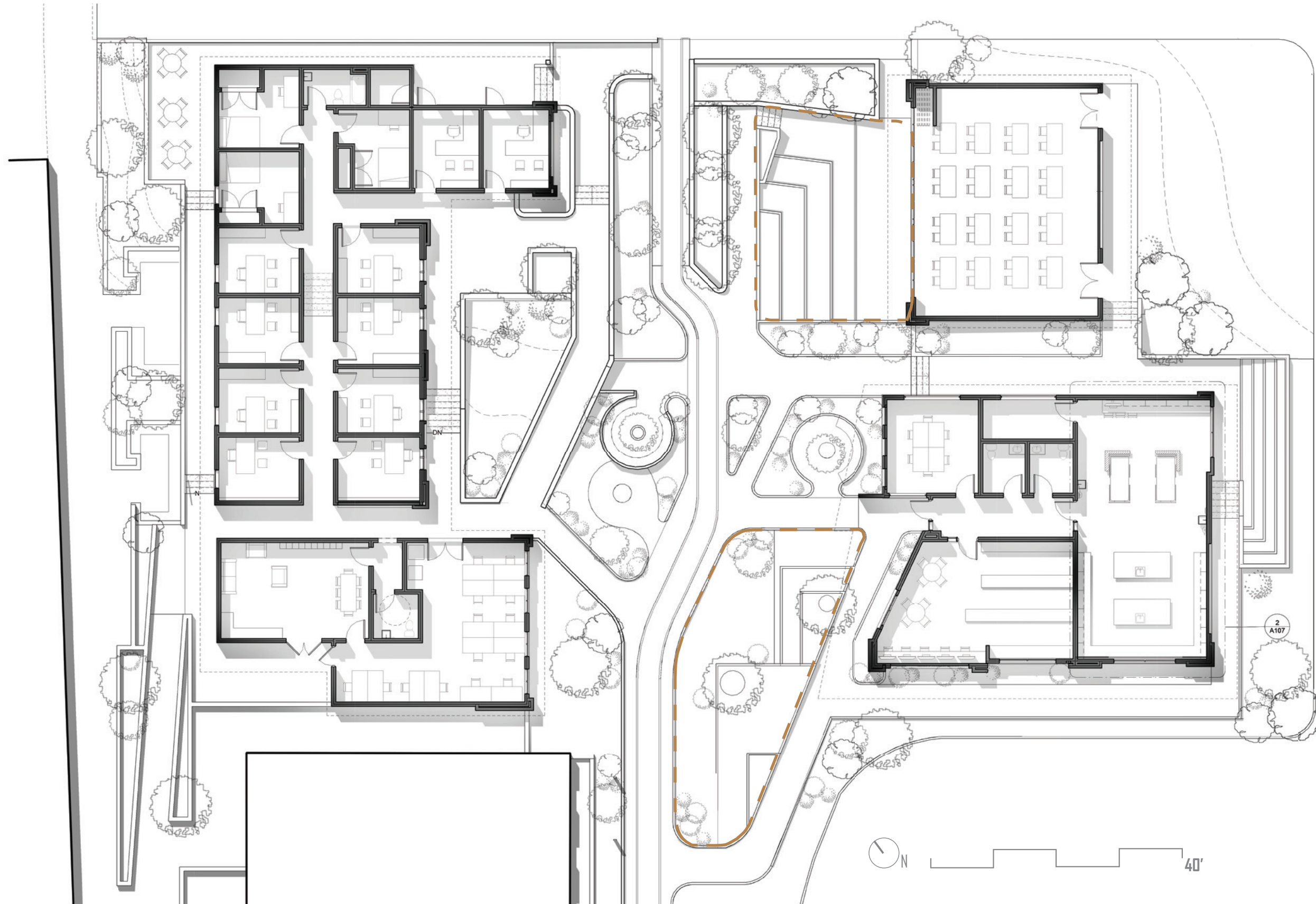
CTC COURTYARD SECONDARY PATHS



03.2

FLOOR PLAN MALAMULO MISSION HOSPITAL

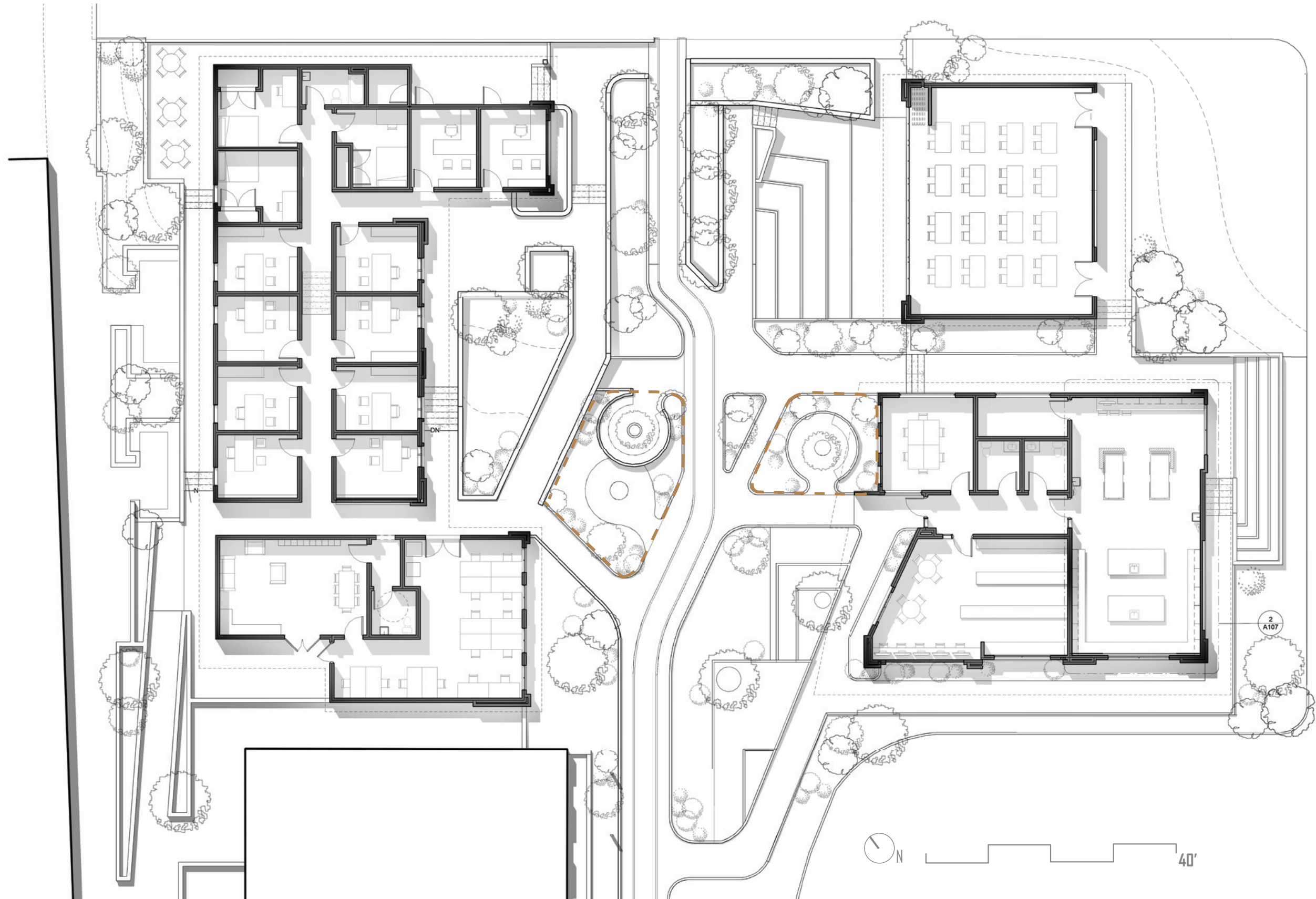
CTC COURTYARD LARGE GATHER/TEACHING SPACE



03.2

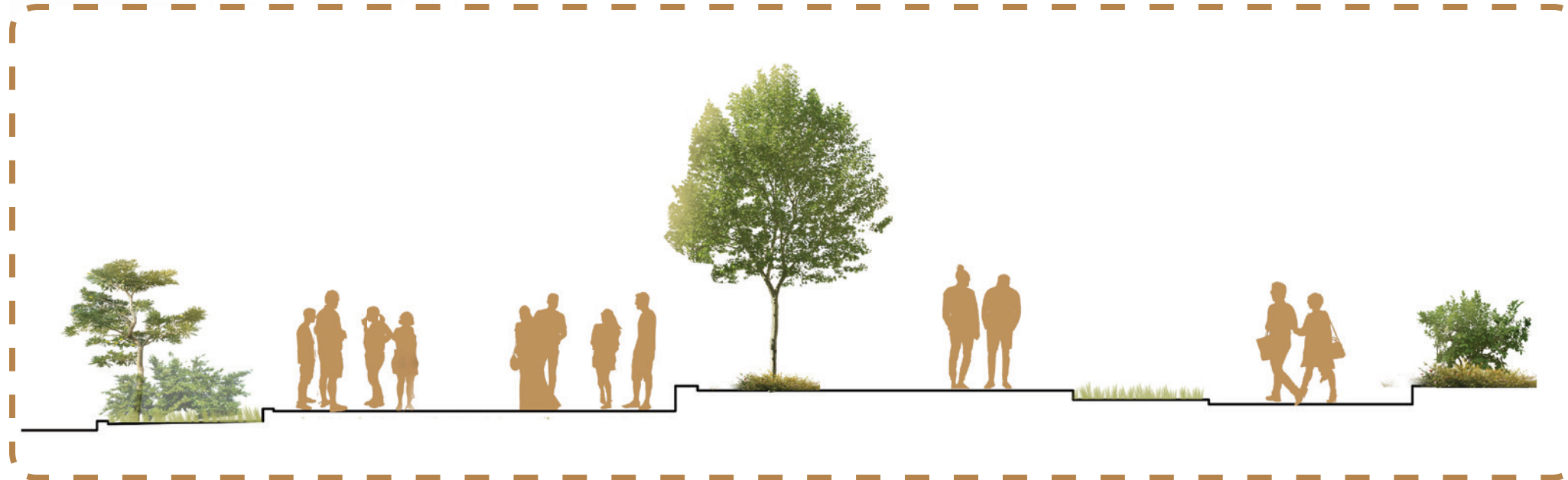
FLOOR PLAN MALAMULO MISSION HOSPITAL

CTC COURTYARD SMALL MEETING SPACES





CTC PUBLIC EDUCATIONAL HUB
PUBLIC LECTURE



CTC PUBLIC EDUCATIONAL HUB
GENERAL PUBLIC GATHERING



CTC PRIVATE EDUCATIONAL HUB
MEDICAL AND PATIENT PRIVATE MEETING



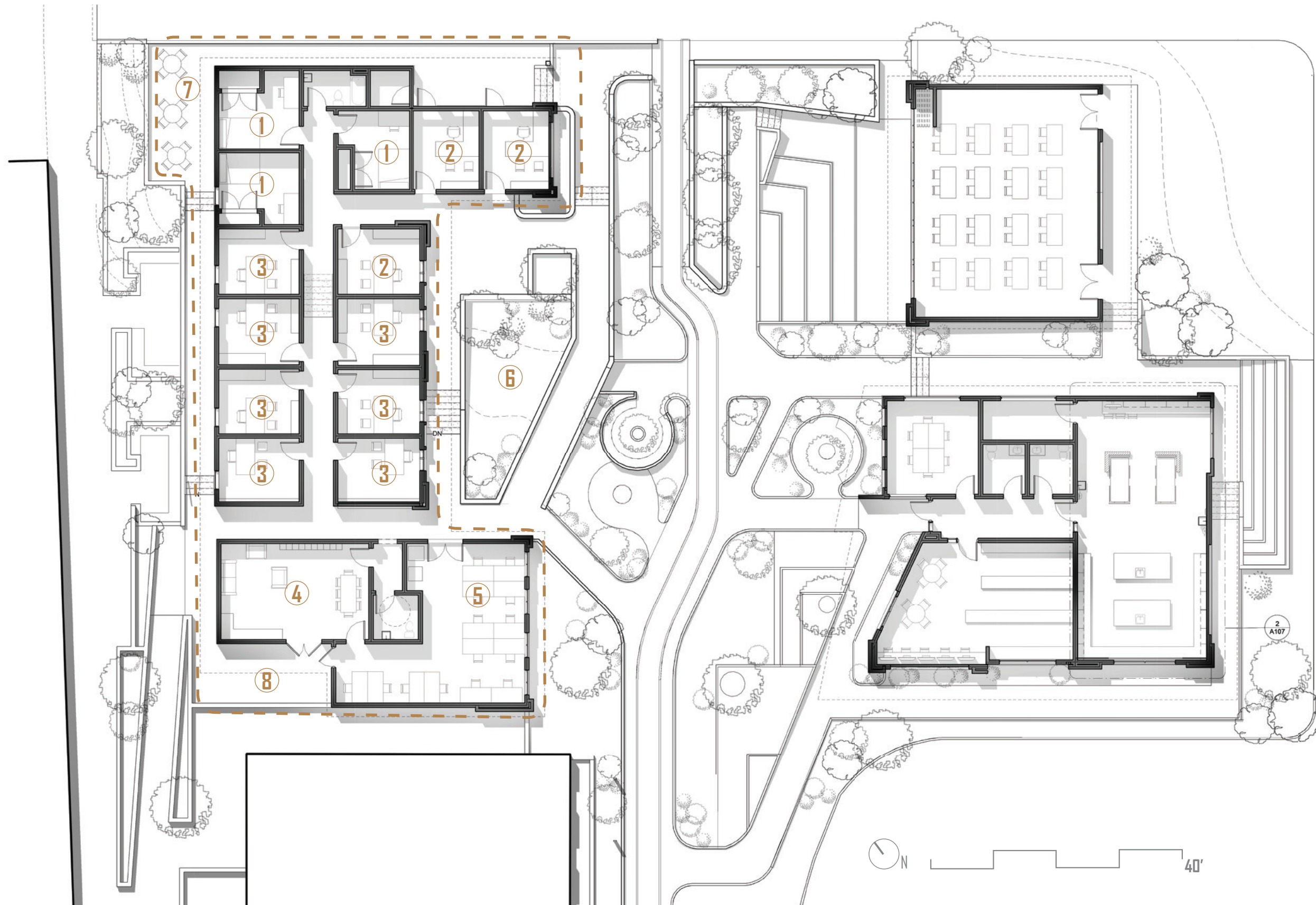
CTC PRIVATE EDUCATIONAL HUB
PATIENTS AND VISITORS - SEMI PRIVATE

03.2

FLOOR PLAN MALAMULO MISSION HOSPITAL

CTC PROGRAM ADMINISTRATIVE OFFICES

- ① CALL ROOMS - 135 SF
- ② EX. OFFICES - 140 SF
- ③ PRIV OFFICES - 130 SF
- ④ STAFF LOUNGE - 370 SF
- ⑤ OPEN OFFICES- 135 SF
- ⑥ COURTYARD
- ⑦ PRIV PATIO
- ⑧ PRIV PATIO

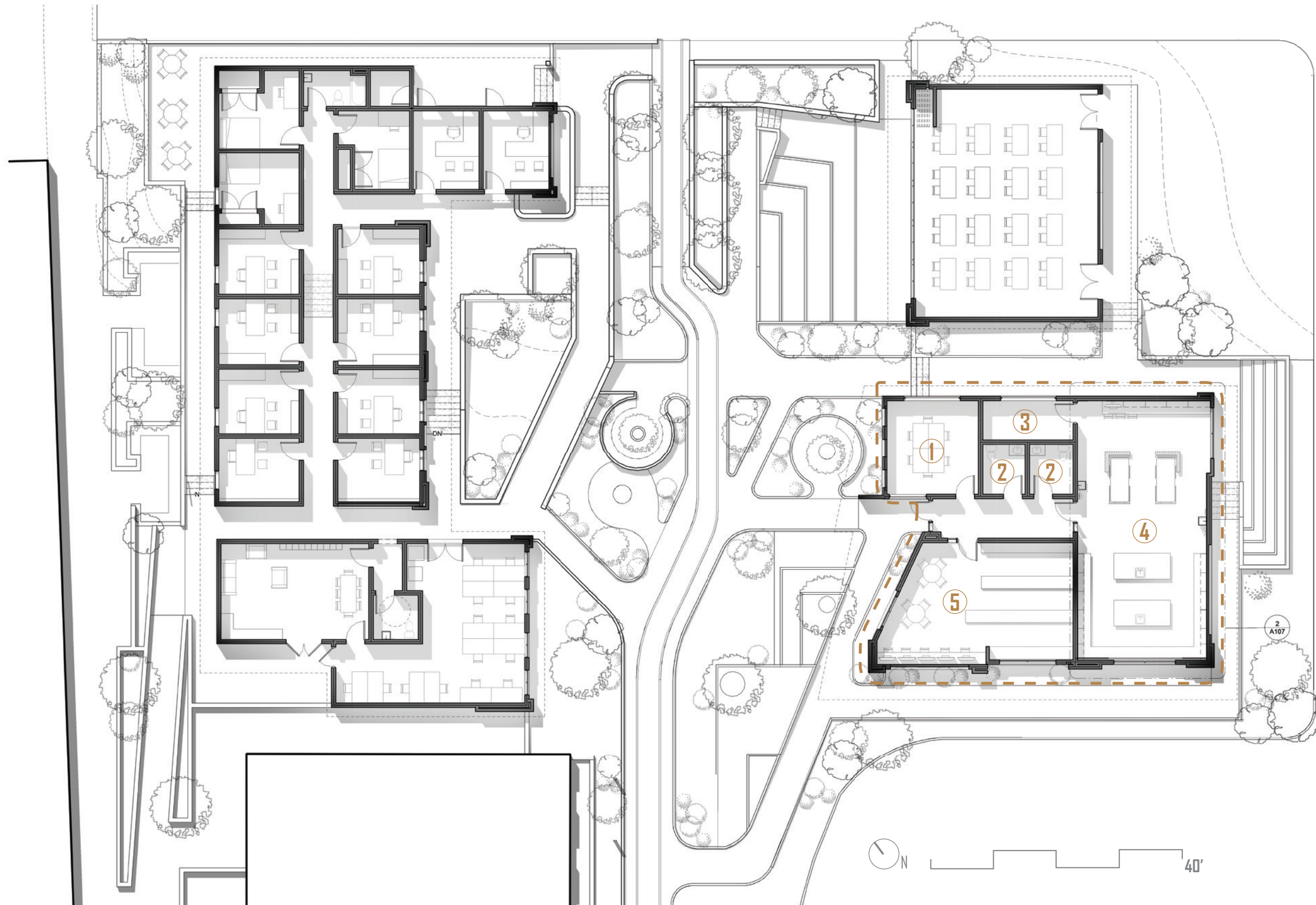


03.2

FLOOR PLAN MALAMULO MISSION HOSPITAL

CTC PROGRAM CLINICAL TEACHING CENTER

- ① READING RM - 225 SF
- ② RESTROOM - 55 SF
- ③ STORAGE - 100 SF
- ④ SKILLS LAB- 865 SF
- ⑤ LIBRARY- 550 SF

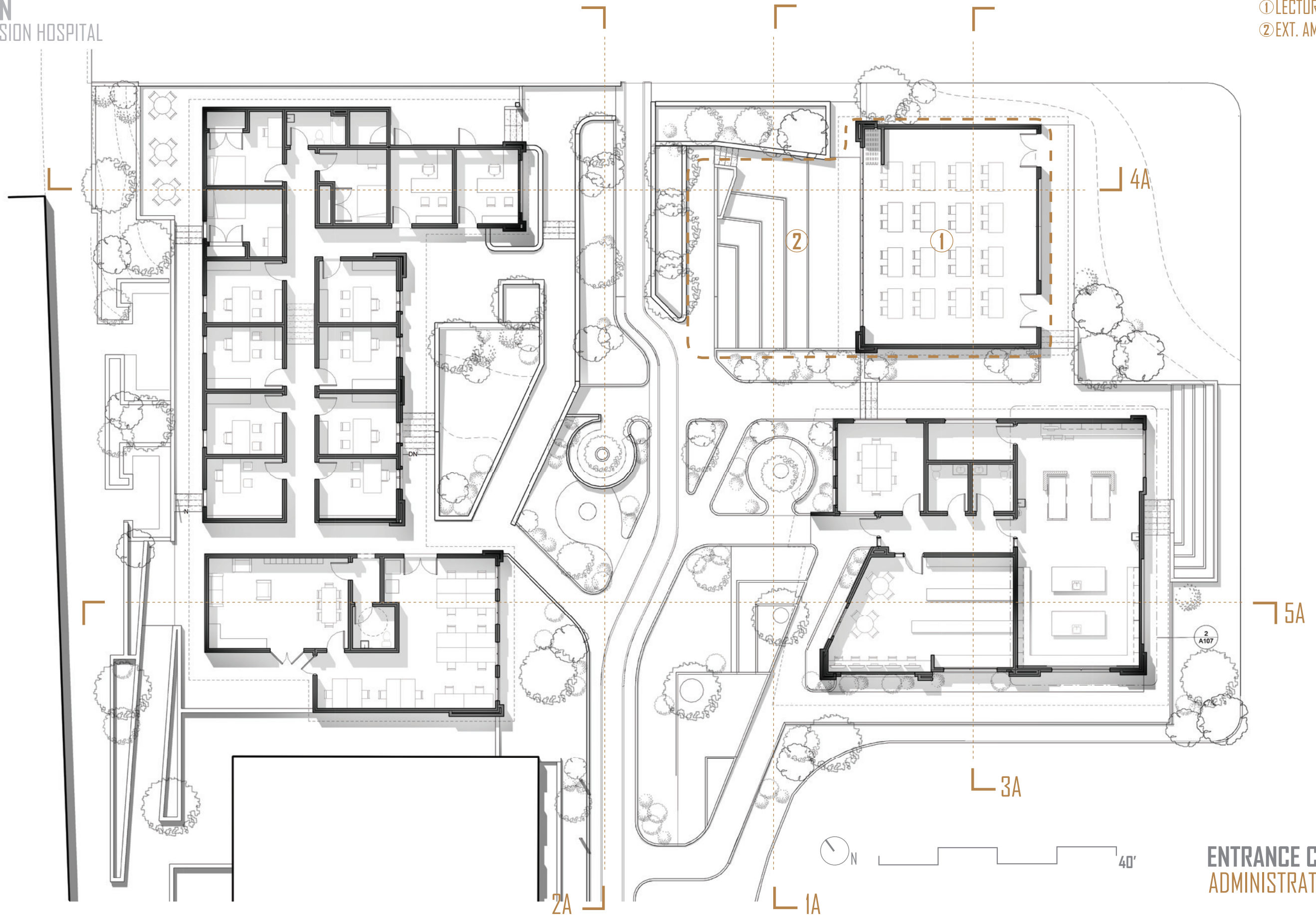


03.2

FLOOR PLAN MALAMULO MISSION HOSPITAL

CTC PROGRAM LECTURE SPACE

- ① LECTURE HALL - 1000 SF
- ② EXT. AMP - 900 SF

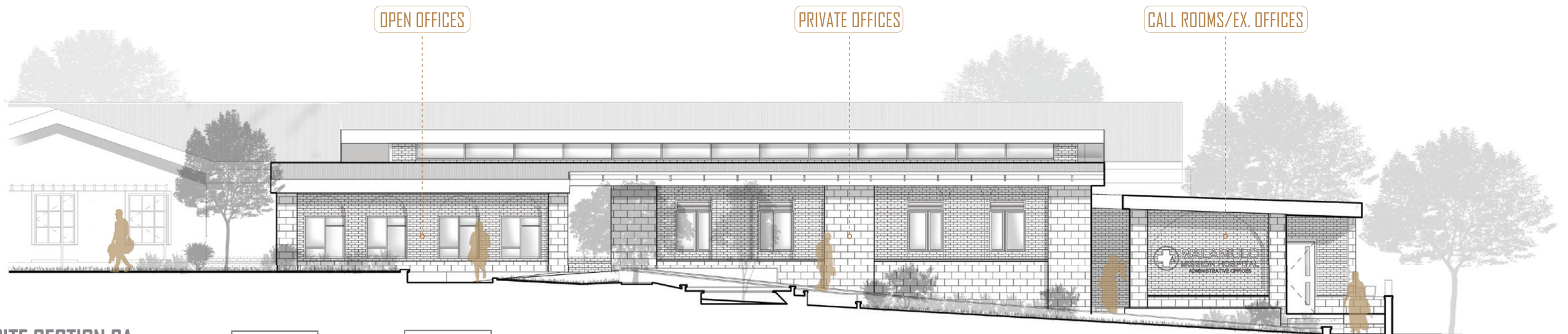


03.3

SITE SECTIONS MALAMULO MISSION HOSPITAL



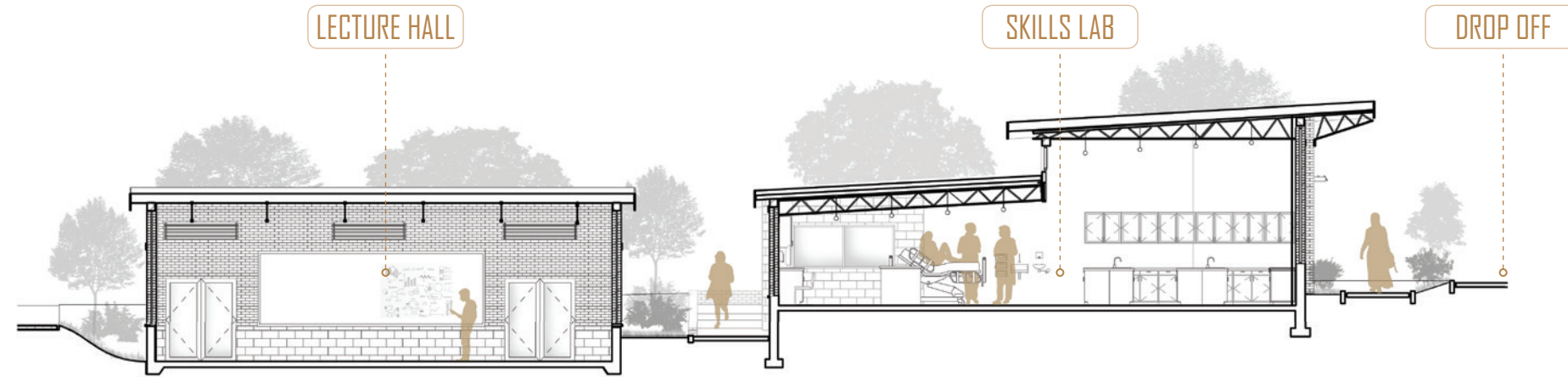
SITE SECTION 1A
1/8" = 1' - 0"



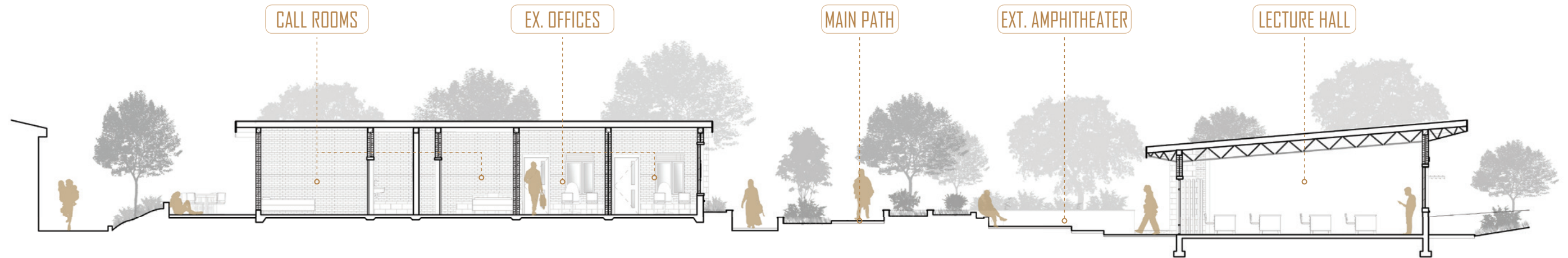
SITE SECTION 2A
1/8" = 1' - 0"

03.4

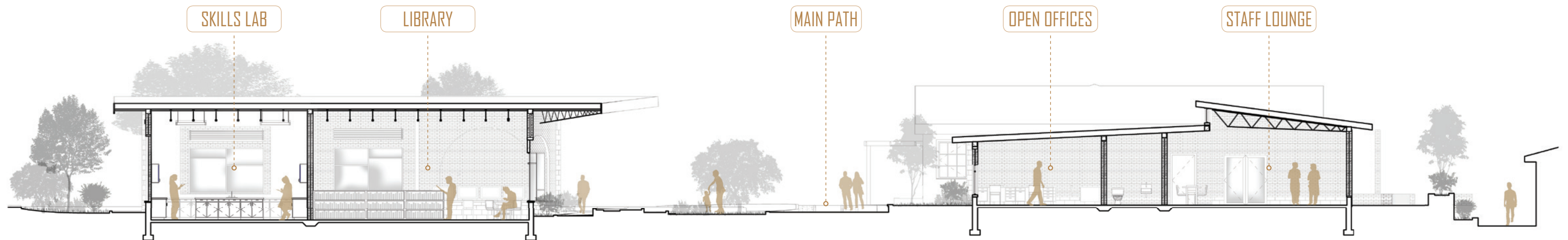
BUILDING SECTIONS MALAMULO MISSION HOSPITAL



SECTION 3A - THROUGH LECTURE AND CTC

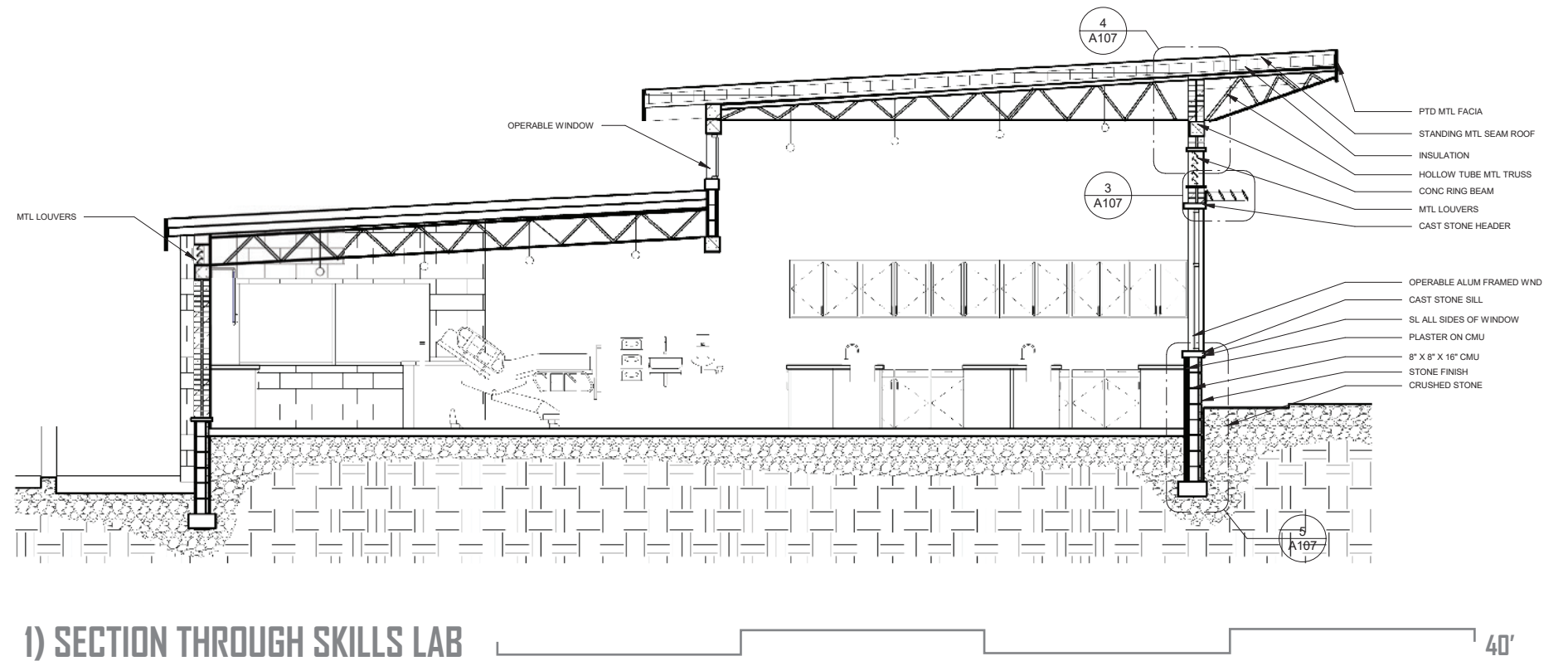
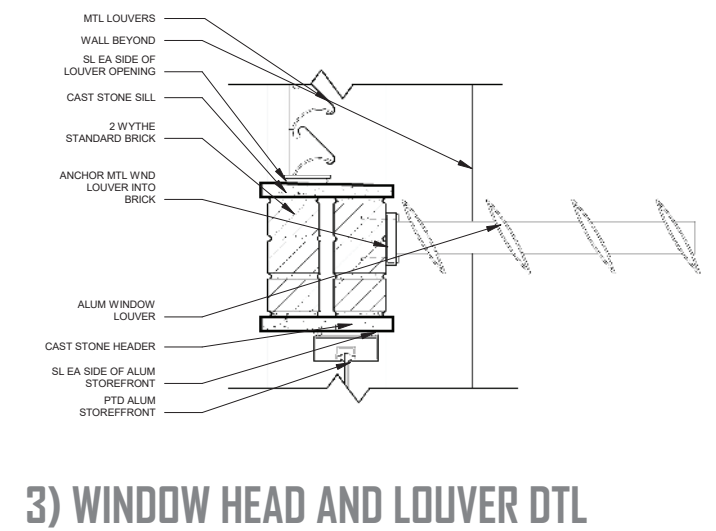
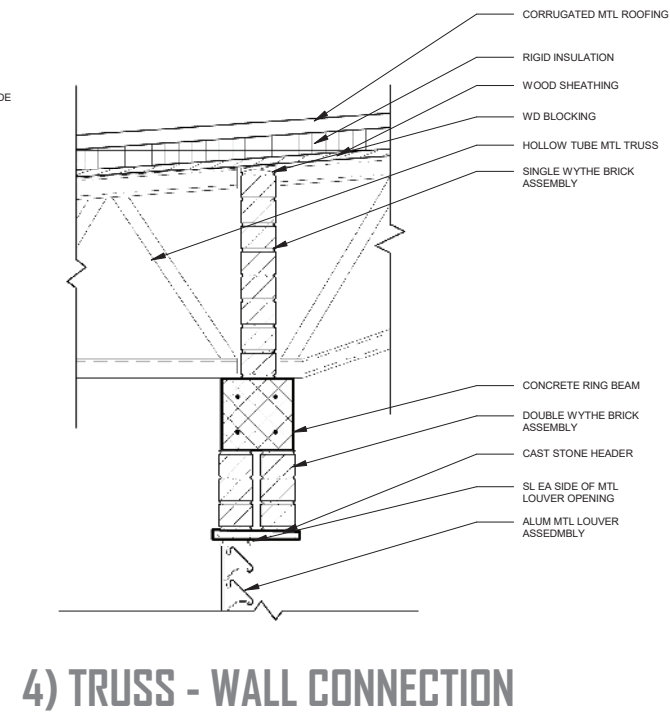
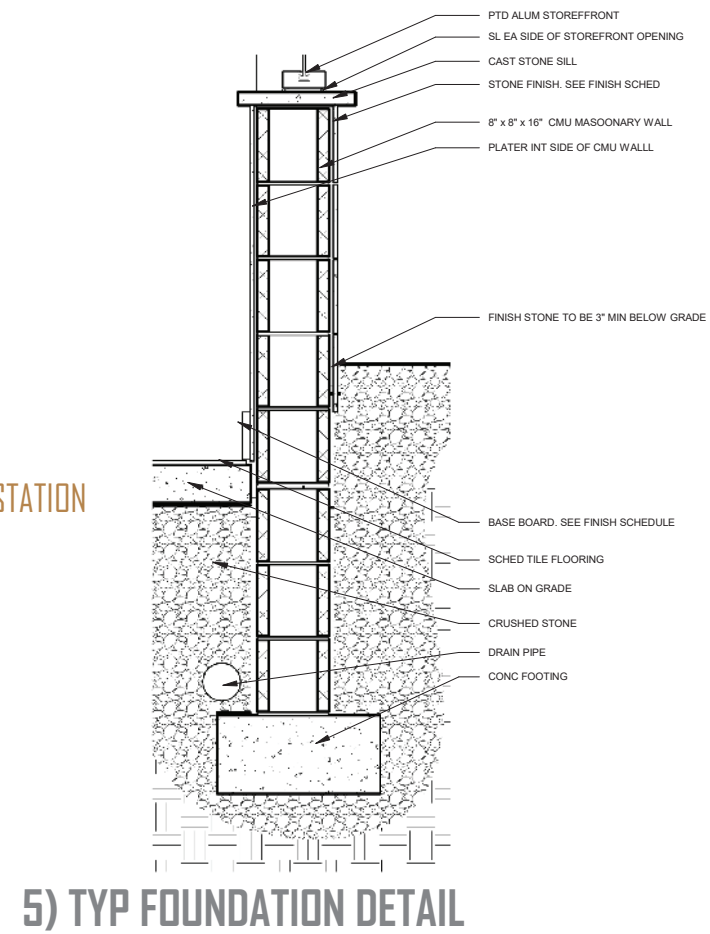
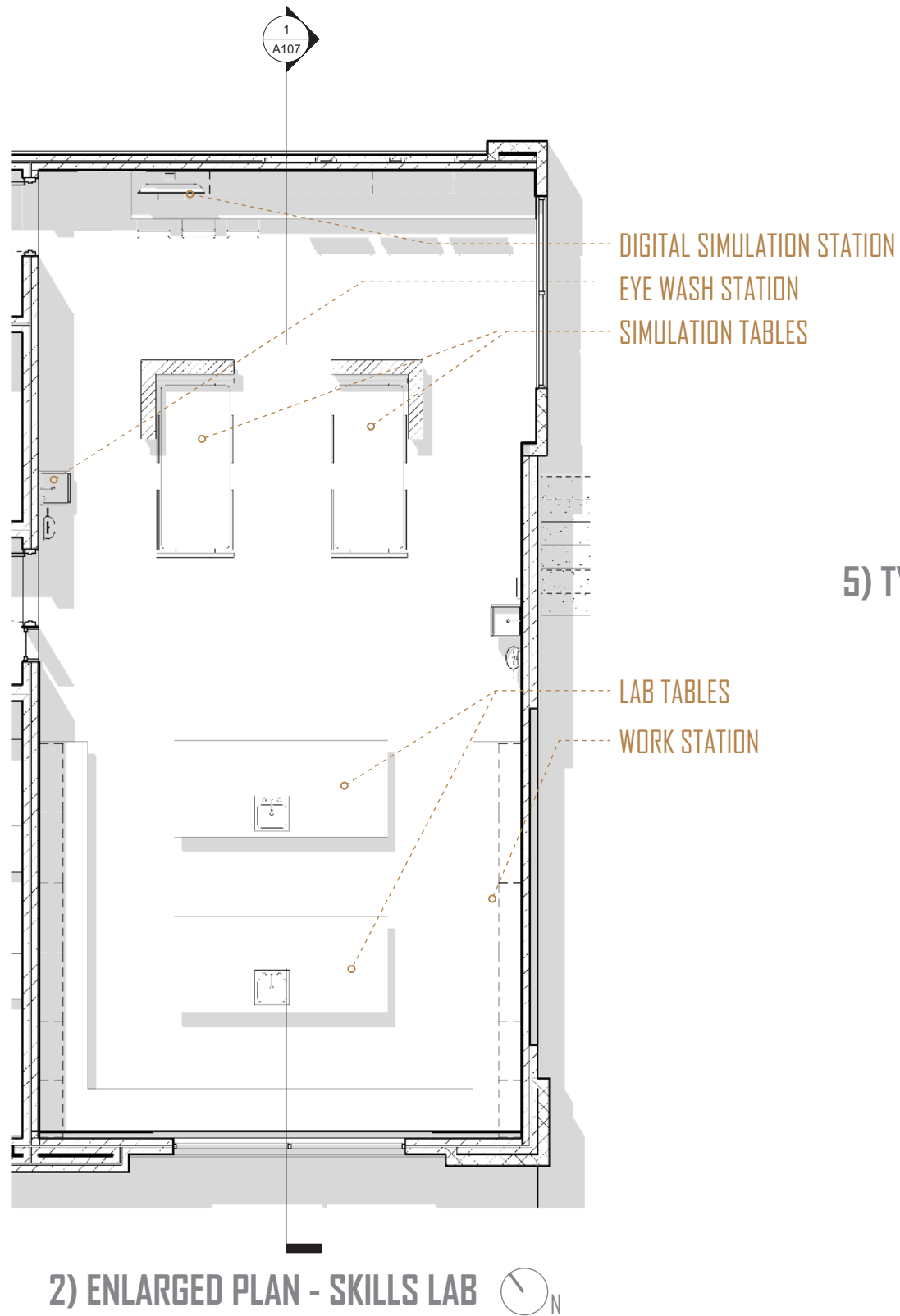


SECTION 4A - THROUGH ADMIN & LECTURE



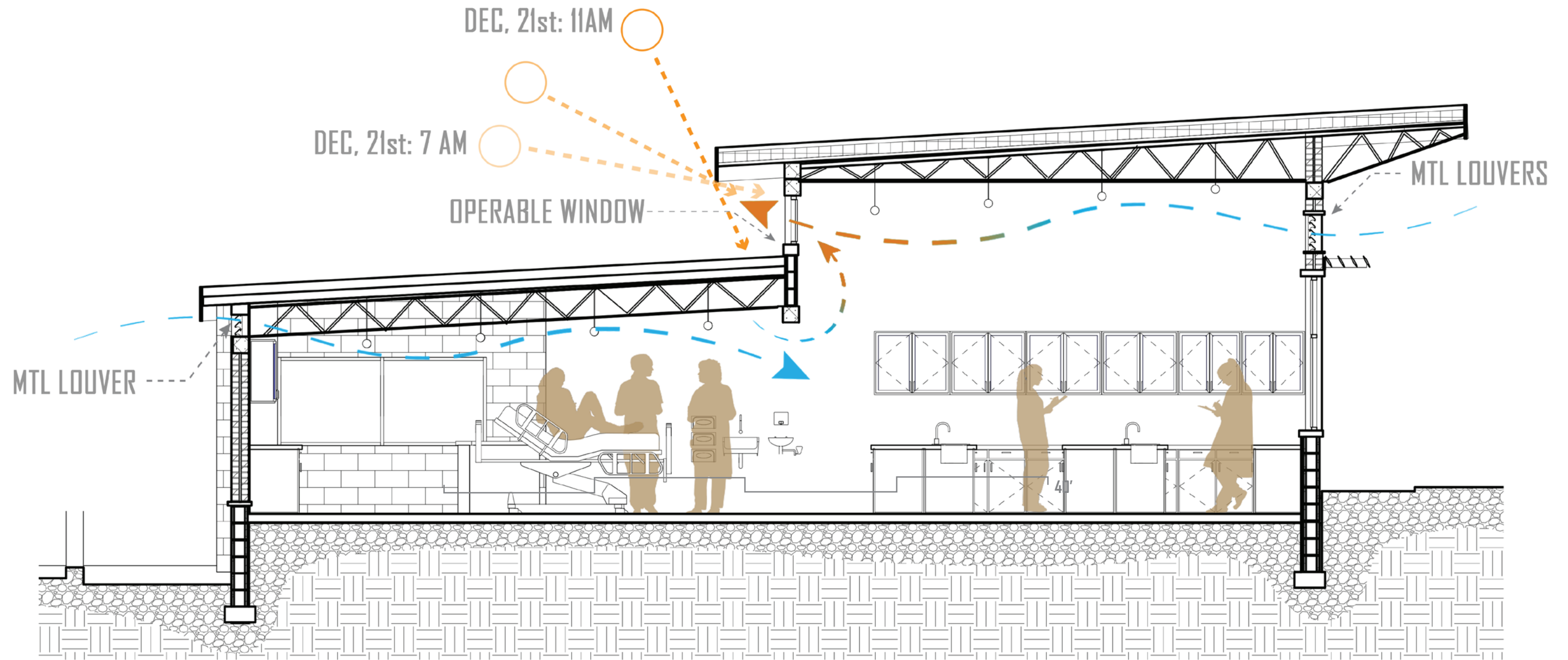
SECTION 5A - THROUGH CTC AND ADMIN

40'



03.5

BUILDING DETAILS MALAMULO MISSION HOSPITAL



PASSIVE STRATEGIES - SECTION 20'

04 CLINICAL TEACHING CENTER

MALAMULO MISSION HOSPITAL

PROJECT WALKTHROUGH

04.1 - RENDERINGS



MAIN ENTRANCE
LOOKING TOWARDS THE CTC



COURTYARD
LOOKING TOWARDS THE CTC



AMPHITHEATER
GROUP EDUCATION SESSION



AMPHITHEATER
ADVANCED CORE INTERIOR USE




ADMIN COURTYARD
ADMINISTRATIVE OFFICES AND PRIVATE EXTERIOR SPACE



COURTYARD ENTRANCE
LOOKING NORTHEAST



COURTYARD
LOOKING NORTHWEST

An aerial architectural rendering of a hospital courtyard. The courtyard is paved with light-colored stone tiles and features several wooden benches. People are shown walking and sitting on the benches. The courtyard is surrounded by hospital buildings with red-tiled roofs and large windows. There are trees and shrubs planted around the courtyard. A sign on one of the buildings reads "MISSION HOSPITAL ADMINISTRATIVE OFFICES".

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COURTYARD
LOOKING NORTHWEST