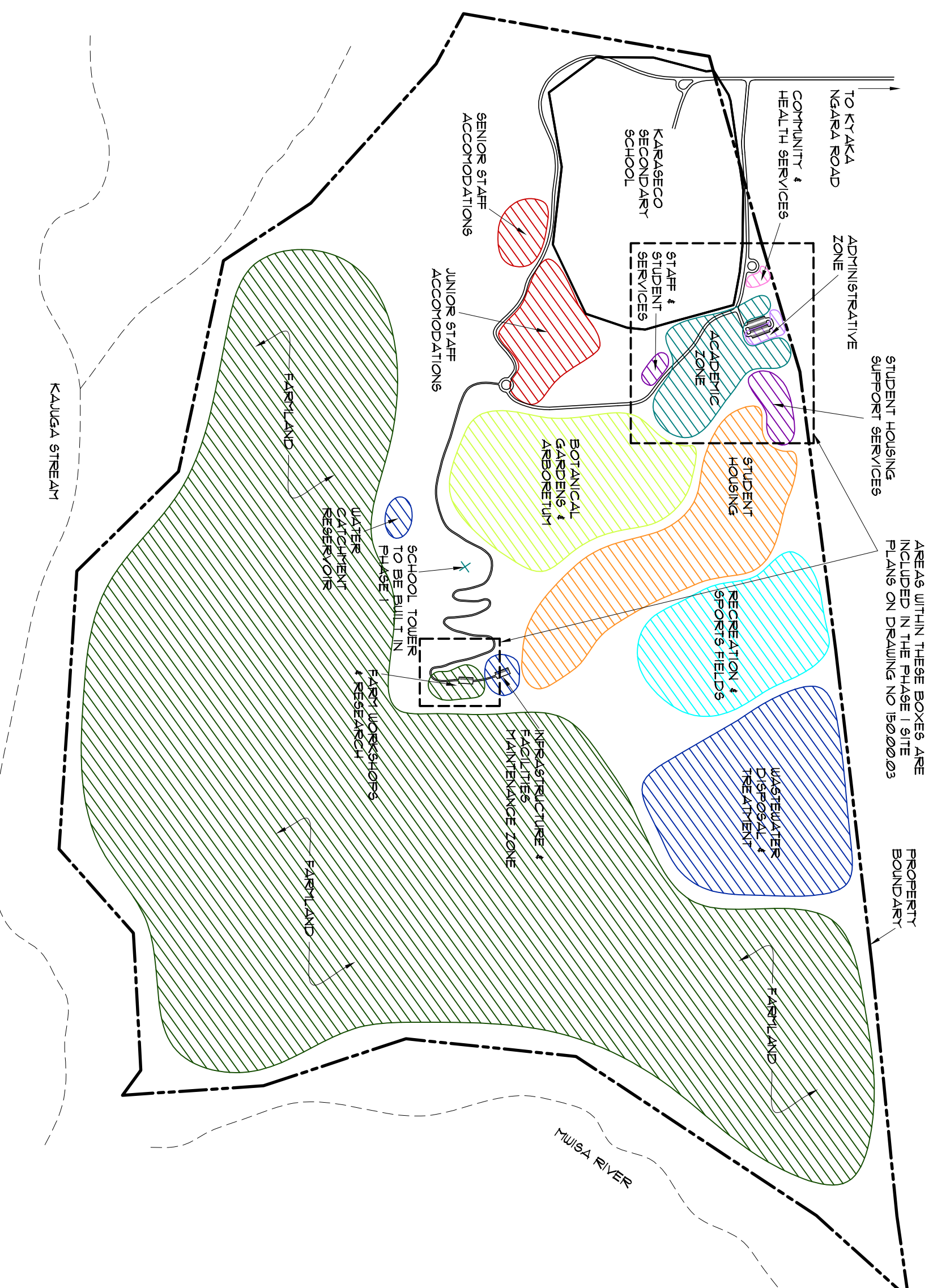


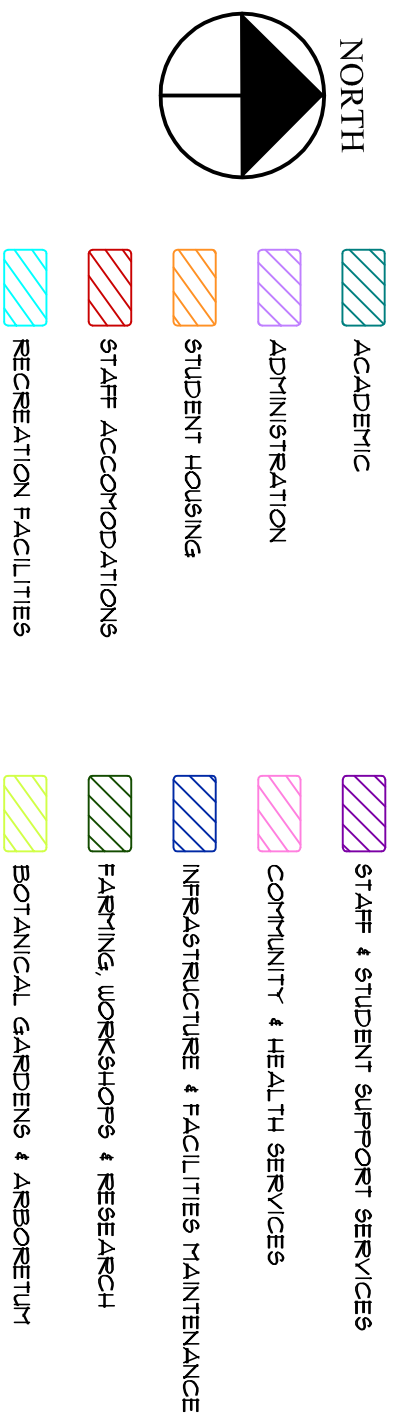
SCHEMATIC MASTER PLAN for PHASE I of KARUCCO - KARAGWE UNIVERSITY COLLEGE of AGRICULTURE & CENTER FOR ENVIRONMENTAL STUDIES for EDUCATE TANZANIA at Karagwe, Tanzania



LOCATION PLAN for LAND USE ZONES & SCHEMATIC PHASE I SITE PLANS

SCALE 1:10,000

LEGEND TO LAND USE ZONES



INDEX TO DRAWINGS:

EAT 150.00.01	INDEX TO DRAWINGS, LOCATION and LAND USE PLAN, PROJECT AREAS
EAT 150.00.02	PERSPECTIVE VIEW OF PHASE IA & IB
EAT 150.00.03	SITE PLAN OF KARUCCO PHASE I
EAT 150.00.04	FLOOR PLANS OF BUILDINGS IN PHASE IA: LIBRARY & MEDIA CENTER, CLASSROOMS, ADMINISTRATION, FARM BUILDINGS
EAT 150.00.05	FLOOR PLANS IN PHASE IB: DORMITORY, DORMITORY DINING HALL, 3 BEDROOM STAFF HOUSE, FARM RESEARCH LABORATORY & WORKSHOPS
EAT 150.00.06	SCHEMATIC SITE MASTER PLAN FOR ALL PHASES OF KARUCCO DEVELOPMENT

PROJECT AREAS:

Karagwe University College of Agriculture and Center for Environmental Studies - KARUCCO			
Provisional Facilities Program for Phase I development for 200 students			
Phase IA Functions	Determinant	Item	Area m ²
Administrative Zone	Area/Item(m ²)	Function	m ²
Office of the Principal	24	1	24
Conference and Board of Trainers Room	24	1	24
Admissions Office	20	1	20
Financial Aid Office	10	1	10
Class Registration and Student Records Office	20	1	20
Counseling and Social Work Office	10	1	10
Gate and Guard House	6	1	6
Total Net Area of Phase IA Administrative Zone			114
Academic Zone	Area/Item(m ²)	Function	m ²
Classrooms for 60-80 students each	120	2	240
Library and Media Center	260	1	260
Staff and Student Toilets and Lavatories	4	5	20
Total Net Area of Phase IA Academic Zone			520
Staff Housing Zone	Area/Item(m ²)	Unit	m ²
Three-Bedroom Staff House	120	1	120
Farm and Research Zone	Area/Item(m ²)	Function	m ²
Animal Barns and Stables	40	1	40
Farm Supplies and Tools Storage Buildings	30	1	30
Total Net Area for Phase I Farm & Research Zone			70
Total Net Area for Phase I Facilities			824
Circulation at 15% of Net Area			124
Total Gross Area for Phase IA Facilities			948
Phase IB Functions	Determinant	Item	Area m ²
Infrastructure and Facilities Maintenance Zone	Area/Item(m ²)	Function	m ²
Generator House and Fuel Store	25	1	25
School Landbank & Observation Tower with Water Storage	20	1	20
Total Net Area of Phase I Infrastructure and Facilities Maintenance Zone			45
Student Housing Zone	Area/Item(m ²)	Student	m ²
Female Dormitories for 100 Students including Lounge, Laundry, Toilets and Showers	6	100	600
Male Dormitories for 100 Students including Lounge, Laundry, Toilets and Showers	6	100	600
Dormitory Dining Hall and Kitchen	1.5	200	300
Total Net Area of Phase I Student Housing Zone			1500
Farm and Research Zone	Area/Item(m ²)	Function	m ²
Research Laboratories and Workshops	30	1	30
Total Net Area for Phase I Farm & Research Zone			30
Total Net Area for Phase IB Facilities			1575
Circulation at 15% of Net Area			237
Total Gross Area for Phase IB Facilities			1812
Total Gross Area for all Phase I Facilities			2760

NOTES:

- The facilities at KARASECO will be used for the operation of KARUCCO for the initial enrollment of students in 2013-2014 academic year. As a result the Preliminary Facilities Program for Phase I does not show teaching facilities for all 200 enrolled students. Dormitories, however, are provided for all 200 students in Phase IB. It is assumed that KARUCCO will not be a free-standing institution (not needing to occupy KARASECO facilities) until an appropriate complement of the Phase II facilities have been constructed and occupied.
- Facilities for the student population of about 1500 that is expected to be enrolled in KARUCCO after 10 years of operation will require buildings with a total of about 25,000 square meters of floor area. For the envisioned ultimate student population of 3000, an additional 23,000 square meters of buildings will be required. These approximate areas for the Phase I & Phase II and ultimate development of KARUCCO assume that dormitories will be provided for all students enrolled at KARUCCO.