



BENGUET STATE UNIVERSITY

# LAND USE DEVELOPMENT *and* INFRASTRUCTURE PLAN

## (2023-2032)

BOOK I

(BOR Res. No. 3, s.2024)







## F O R E W O R D

Notwithstanding the challenges that we are facing nowadays, this Land Use Development and Infrastructure Plan (LUDIP) is a testament that will guide the University in the optimum utilization of its resources and physical development.

Evolving from the concerted efforts of all past and present employees, the significance of having a plan like this shows how each and every stakeholder of the Benguet State University truly cares for future generations. Hence, BSU CARES!

With much effort exerted in coming with this plan, I truly appreciate the wisdom, the intent, and the passion of all people behind it. SOAR HIGH BSU.

**(SGD.) FELIPE SALAING COMILA**
University President





## F O R E W O R D

The campus' mission is to advance inclusive educational environment that produces globally competitive and research-oriented professional leaders who walk the intergenerational highways and imbued with indigenous virtues and strategic foresight.

Over the years, BSU-Bokod Campus has been the choice of the students who opt to take their degree in a rural area for a lesser financial cost. The flagship programs of this campus were Technical-Vocational Education and Industrial Technology; and it indeed produced various professionals in these fields. However, in the advent of global trends and the increasing competition in higher education, we prioritize to further strengthen the academic area, research and extension, faculty and student development and collaborations with the partners from local to international. Likewise, with the post pandemic landscape of education, the campus reconsidered the offering of more distinct degree programs to cater to the demands of the post pandemic learners.

Through the one university concept, the revitalization of the degree programs is a striding move that pushes for further development in all aspects. This entails the need for the restructuring of the physical learning environment. Its developmental approach in providing inclusive environment for learning is very crucial in the achievement of the stated mission. Thus, this developmental plan is inclusive and future-oriented.

We then call on the continued support of the entire University community to make this plan a success.

**(SGD.) SHAKIRA B. HERMAN**
Executive Dean



## F O R E W O R D

In pursuit of the fulfilment of the VISION, MISSION and GOALS of Benguet State University, this campus' Proposed Development Plan is made to geometrically address the university mandates relevant to quality education programs. The trending growth of population in the urban and rural areas facilitate the timely vetting of this development plan as a solution to the trending situation.

This development plan is not the end of the process to achieve the institutional mandates in serving clients, The Benguet State University administration sincerely appreciates and commends the involvement of the different stakeholders in the pursuit and fulfilment of this Plan because we believe the realization of it becomes even more valuable due to the involvement of many concerned and progress – focused individuals.

God Bless and more power!

**(SGD.)FLORENDO PALTOKI COMILA**
Executive Dean, Buguias Campus

## TABLE OF CONTENTS


Introduction ……. 1

Land Use Plan ……. 2

I. Brief Profile of Benguet State University

Location, Land Area and Geographic Characteristics ……...…. 7

Brief Historical Background ……...…. 12

Current Vision, Mission and Developmental Goals …….……. 16

Current Governing Board of Regents …….……. 17

List of Program Offerings ……...……. 18

Institutional Awards ……...……. 23

Demographic Profile ……...……. 28

II. Detailed Description of Benguet State University

BSU Land Holdings …….……. 33

Physical Features and Environmental Conditions ……. 83

III. Land Use Development & Infrastructure Plan and Investment Plan

Land Use Zone …… 95

Infrastructure and Facilities …… 115

Development Constraints …… 179

Site Development Plan …… 181

Investment Plan …… 214

Proposed Infrastructure Project Designs …… 224

IV. Plan, Implementation, Monitoring and Evaluation …….. 235

## TABLE NO.


| No. | Description | Page |
|---|---|---|
| 1 | Population of the Province of Benguet …… | 7 |
| 2 | La Trinidad Program Offerings …… | 18 |
| 3 | Bokod Program Offerings …… | 20 |
| 4 | Buguias Program Offerings ……..…… | 21 |
| 5 | Masteral Program offerings at La Trinidad Campus (Main) …….. | 21 |
| 6 | Doctorate Program offerings at La Trinidad Campus (Main) ……... | 23 |
| 7 | List of Institutional Awards ……... | 24 |
| 8 | Passing Rate of BSU Licensure Examination ……..…..…… | 25 |
| 9 | BSU PRC Licensure Exam Performance …… | 26 |
| 10 | Semestral Enrollment Trend from year 2019-2023 according to sex ……... | 28 |
| 11 | 10-year Projection of Enrollees according to sex ……. | 29 |
| 12 | Number of Enrollees of Bokod Campus ...…… | 30 |
| 13 | Number of Enrollees of Buguias Campus …… | 30 |
| 14 | Sex Distribution of Employees by Age, and by Campus ……... | 31 |
| 15 | Total Distribution of Employees according to sex …… | 31 |
| 16 | Projected BSU Employees for Ten years …… | 31 |
| 17 | Number of cottages that are existing and utilized in the La Trinidad Campus and Buguias Campus …… | 32 |
| 18 | Capacity of dormitory buildings that were constructed in each campus ……... | 32 |
| 19 | Shows the capacity of Guest Houses and other University Accommodations that were constructed in each campus ……... | 33 |
| 20 | Distribution of landholdings according to location (as of December 31, 2022) …… | 34 |
| 21 | Legal bases for BSU La Trinidad Campus (Main) landholdings ……... | 39 |
| 22 | Legal bases for BSU Bokod Campus landholdings …… | 40 |
| 23 | Legal bases for BSU Buguias Campus landholdings …… | 41 |
| 24 | Distribution of landholdings according to Land Use Category ……. | 50 |
| 25 | CHED Memorandum Orders for Lot Utilization …… | 51 |
| 26 | La Trinidad Existing structures ……... | 52 |
| 27 | Bokod Existing structures ……... | 78 |

| No. | Description | Page |
|---|---|---|
| 28 | Buguias Existing structures ……... | 80 |
| 29 | Major River System (as cited in Cordillera Peoples Alliance website) …… | 89 |
| 30 | Characterized BSU generated wastes and corresponding weights…….. | 90 |
| 31 | Projected waste generation relative to population from 2018-2027 …….. | 91 |
| 32 | Number of buildings in BSU according to usage ……. | 115 |
| 33 | Number of buildings used for academic purposes ……. | 116 |
| 34 | Bokod Campus Existing Structures …… | 136 |
| 35 | Bokod Campus List of Facilities for Assemblies and Conferences …….. | 137 |
| 36 | Bokod Campus List and Types of Laboratory Rooms …….. | 138 |
| 37 | Number of Buildings Used for Academic or Instruction Purposes - Buguias Campus …… | 143 |
| 38 | A shared facility primarily used for lecture rooms. …….. | 144 |
| 39 | A shared facility primarily used for lecture and laboratory rooms . ……. | 146 |
| 40 | A Multipurpose gymnasium shared by different colleges ……. | 149 |
| 41 | Related Subjects Building …… | 151 |
| 42 | Girl's Trade Building …… | 153 |
| 43 | Civil Technology Building/Furniture and Cabinet Making Building ……... | 155 |
| 44 | Agriculture Building …….. | 157 |
| 45 | Home Economics Building …… | 159 |
| 46 | Administrative Building Offices ……... | 161 |
| 47 | Marketing Center …….. | 163 |
| 48 | List of Function Rooms ……. | 167 |
| 49 | List of Other Rooms …….. | 168 |
| 50 | Medical Clinic ……... | 169 |
| 51 | Dental Clinic …….. | 169 |
| 52 | List of Facilities for Assemblies/Conferences ……... | 170 |
| 53 | List and Types of Existing Laboratory Rooms …….. | 171 |
| 54 | Investment Plan ……. | 214 |
| 55 | List of Proposed Projects subject to Program Preparation and charge to University IGI …… | 223 |

## FIGURE NO.


| No. | Description | Page |
|---|---|---|
| 1 | Certificates of Participants (SAFER-U seminar) …….. | 5 |
| 2 | Map showing the location of the Province of Benguet ……. | 8 |
| 3 | Location of Municipality of La Trinidad with its Corresponding Barangays ……... | 9 |
| 4 | Location of Municipality of Bokod with corresponding Barangays ……. | 10 |
| 5 | Location of Municipality of Buguias with corresponding Barangays ……... | 11 |
| 6 | Map showing the location of the three campuses of Benguet State University: La Trinidad Campus, Bokod Campus and Buguias Campus ……. | 15 |
| 7 | Semestral Enrollment Trend from 2019 grouped according to sex …….. | 28 |
| 8 | Distribution of Enrollment according to college ……... | 28 |
| 9 | 10-year Projection of Enrollees …… | 29 |
| 10 | 10-year Projected Number of Employees …… | 31 |
| 11 | BSU La Trinidad Campus (Main) Land Holdings ……... | 35 |
| 12 | La Trinidad Campus (Main) with adjacent communities ……. | 36 |
| 13 | BSU Bokod Campus Land Holdings …… | 37 |
| 14 | BSU Buguias Campus Land Holdings. …… | 38 |
| 15 | Map of BSU La Trinidad Campus (Main) – Titled lots …… | 43 |
| 16 | BSU La Trinidad Campus (Main) – Contested areas. …….. | 44 |
| 17 | BSU Lot 1-A-1 La Trinidad Campus (Main), Illegally Occupied Lands …….. | 45 |
| 18 | BSU Lot 2 La Trinidad Campus (Main), Illegally Occupied Lands …….. | 46 |
| 19 | BSU Lot 3-A and Lot 4 La Trinidad Campus (Main), Illegally Occupied Lands …. | 47 |
| 20 | Swamp, Betag and Cabanao, Balili La Trinidad, Illegally Occupied Lands ……. | 48 |
| 21 | Lot 1, 2, & 3 Brgy. Balili, Tawang and Lubas La Trinidad, Illegally Occupied Lands. …….. | 49 |
| 22 | BSU La Trinidad Campus (Main) – Topographic Map ……... | 85 |
| 23 | Watershed in the Province of Benguet *(essc.org.ph)* ……. | 86 |
| 24 | BSU Bokod Campus – Topographic Map ……. | 87 |
| 25 | BSU Buguias Campus – Topographic Map …….. | 88 |
| 26 | Flood Hazard Map …… | 92 |
| 27 | Rainfall Induced Landslide Hazard …… | 93 |
| 28 | Earthquake-Induced Landslide Hazard Map ……. | 94 |
| 29 | Existing Land Use Map of Lot 1-A-1 …….. | 95 |

| No. | Description | Page |
|---|---|---|
| 30 | Proposed Land Use Map of Lot 1-A-1 ……. | 95 |
| 31 | Existing Land Use Map of Lot 2 …… | 96 |
| 32 | Proposed Land Use Map of Lot 2 …….. | 96 |
| 33 | Existing Land Use Map of Lot 3……. | 97 |
| 34 | Proposed Land Use Map of Lot 3 …….. | 97 |
| 35 | Existing Land Use Map of Lot 4 ……... | 98 |
| 36 | Proposed Land Use Map of Lot 4 …….. | 98 |
| 37 | Existing Land Use Map of Lot 4C and 4D …… | 99 |
| 38 | Proposed Land Use Map of Lot 4C and 4D ……. | 99 |
| 39 | Existing Land Use Map of Lot 5 …….. | 100 |
| 40 | Proposed Land Use Map of Lot 5 ……. | 100 |
| 41 | Existing Land Use Map of Lot 6 …….. | 101 |
| 42 | Proposed Land Use Map of Lot 6 …….. | 101 |
| 43 | Existing Land Use Map of Lot 7 …….. | 102 |
| 44 | Proposed Land Use Map of Lot 7…… | 102 |
| 45 | Existing Land Use Map of Lot 8 ……... | 103 |
| 46 | Proposed Land Use Map of Lot 8 ……. | 103 |
| 47 | Existing Land Use Map of Lot 9 and 10 ……... | 104 |
| 48 | Proposed Land Use Map of Lot 9 and 10 …….. | 104 |
| 49 | Existing Land Use Map of Lot 11 ……. | 105 |
| 50 | Proposed Land Use Map of Lot 11 ……. | 105 |
| 51 | Existing Land Use Map of Lot 12 …….. | 106 |
| 52 | Proposed Land Use Map of Lot 12 ……. | 106 |
| 53 | Existing Land Use Map of Lot 13 ……. | 107 |
| 54 | Proposed Land Use Map of Lot 13……. | 107 |
| 55 | Existing Land Use Map of Lot 14 ……. | 108 |
| 56 | Proposed Land Use Map of Lot 14 ……. | 108 |
| 57 | Existing Land Use Map of Lot 15……. | 109 |
| 58 | Proposed Land Use Map of Lot 15 ……. | 109 |
| 59 | Existing Land Use Map of Lot 16 ……. | 110 |
| 60 | Proposed Land Use Map of Lot 16 ……. | 110 |
| 61 | Existing Land Use Map of Lot 19 ……. | 111 |

| No. | Description | Page |
|---|---|---|
| 62 | Proposed Land Use Map of Lot 19 …….. | 111 |
| 63 | Existing Land Use Map of Lot 20 ……. | 112 |
| 64 | Proposed Land Use Map of Lot 20 …… | 112 |
| 65 | Existing Land Use Map of Lot 26 …….. | 113 |
| 66 | Proposed Land Use Map of Lot 26 …… | 113 |
| 67 | Existing Land Use Map of Lot 47 ……. | 114 |
| 68 | Proposed Land Use Map of Lot 47……. | 114 |
| 69 | Existing and Proposed Road Network – La Trinidad Campus (Main) …….. | 181 |
| 70 | Existing and Proposed Fiber Optic Cable Network – La Trinidad Campus (Main) .. | 182 |
| 71 | Existing Water Source and Distribution – Strawberry Fields La Trinidad Campus (Main) …….. | 183 |
| 72 | Existing Water Source and Distribution – Lot 1-A-1-A La Trinidad Campus (Main) ……. | 184 |
| 73 | Existing Water Source and Distribution – Lot 8 La Trinidad Campus (Main …….. | 185 |
| 74 | Existing Land Use and Proposed Infrastructure – Lot 1-A-1 …… | 186 |
| 75 | Existing Land Use and Proposed Infrastructure – Lot 2 ……... | 187 |
| 76 | Existing Land Use – Lot 3 SWO-1-02-00003; Ngs-CAR-000099 …… | 188 |
| 77 | Existing Land Use and Proposed Infrastructures – Lot 6 …….. | 189 |
| 78 | Existing Land Use and Proposed Infrastructures – Lot 7 ……..…….. | 190 |
| 79 | Proposed Infrastructure – Lot 7 ……. | 191 |
| 80 | Existing Land Use and Proposed Infrastructures – Lot 8 ……... | 192 |
| 81 | Existing Land Use – Lot 3 SWO-01-02-00001; Ngs-CAR-000098 …….. | 193 |
| 82 | Existing Land Use – Lot 2 SWO-01-02-00001; Ngs-CAR-000098 …….. | 194 |
| 83 | Existing Land Use and Proposed Infrastructures – Lot 11 …… | 195 |
| 84 | Existing Land Use and Proposed Infrastructures – Lot 12 ……. | 196 |
| 85 | Existing Land Use and Proposed Infrastructures – Lot 13 …… | 197 |
| 86 | Existing Land Use Infrastructures – Lot PSI-B-000041 ……... | 198 |
| 87 | Existing Land Use and Proposed Infrastructures – Lot 14 …… | 199 |
| 88 | Existing Land Use and Proposed Infrastructures – Lot 15 …… | 200 |
| 89 | Existing Land Use and Proposed Infrastructures – Lot 16 …… | 201 |
| 90 | Existing Land Use and Proposed Infrastructures – Lot 19 …… | 202 |
| 91 | Existing Land Use and Proposed Infrastructures – Lot 20 …….. | 203 |
| 92 | Existing Land Use and Proposed Infrastructures – Lot 1 SWO-01-02-00001 …… | 204 |

| No. | Description | Page |
|---|---|---|
| 93 | Existing Land Use– Lot 47 …… | 205 |
| 94 | Proposed infrastructure – Lot 47 ……... | 206 |
| 95 | Existing Land Use – Bokod Campus …… | 207 |
| 96 | Proposed infrastructure – Bokod Campus …… | 208 |
| 97 | Proposed infrastructure – Bokod Campus (Academic Building) ……. | 209 |
| 98 | Existing Land Use– Buguias Campus …….. | 210 |
| 99 | Proposed Land Use– Buguias Campus ……. | 211 |
| 100 | Proposed Development of Drainage System – La Trinidad Campus (Main) ……. | 212 |
| 101 | Proposed Development of Drainage System – Strawberry Farm. ……. | 213 |

# INTRODUCTION

Recent changes in the University landscape have already set in since the approval of the BSU Land Use Plan for 2018 to 2027 (with BOR Resolution Number 2764, Series of 2018). With the passage of Republic Act 11396 or otherwise known as the "The Land Use Development and Infrastructure Plan Act (LUDIP Act)", it mandates all State Universities and Colleges (SUCs) to prepare their campus land use plans with multi-year investments and site development plans, in order to contribute to the rational and efficient management of land and water resources that is consistent with the principles of equity, social justice, environmental integrity, and sustainable development for the common good.

Benguet State University is the first university accredited as SUC Level IV in the Cordillera Administrative Region. It garnered its ISO 9001:2015 certification in 2018 and was one among the SUC's in the country to have a QS star rating. It has three (3) colleges that was recognized by the Commission on Higher Education (CHED) as Centers of Development (COD), namely: The College of Agriculture, College of Teacher Education, and College of Home Economics and Technology. Moreover, its program offerings in Nursing and Teacher Educations have consistently surpassed the national passing rates and have produced board topnotchers over the years.

In order to provide a more conducive and orderly spaces for improvements, this Land Use Development and Infrastructure Plan with a ten-year rolling platform had been enhanced in order to provide future directions of the University for 2023 to 2032.

Earlier initiatives in coming up with an approved land use plan had been recorded to deter abrupt structures impeding efficient and practical utilization of land reservations. It is worthy to note that this plan co-exists with the Comprehensive Land Use Plan (CLUP) of the Local Government Unit of La Trinidad *(for BSU-La Trinidad Campus)*, where it recognizes the existing conditions of land utilization of the University. Accordingly, this plan was organized based in the projects, activities and programs (PAP's) of the University that are regularly conducted to which spatial requirements for these PAP's have been plotted and resulted into developmental zones.

These plans outline how the University approaches building and open space development, utility distribution, vehicular and pedestrian circulation, and other structures that will enhance the unique physical characteristics and use of each zone. Hence, all improvements to be introduced based on this plan are expected to contribute positively to the overall atmosphere of the university and to the success of each part of the campuses. As pointed out then by the Office of the Solicitor General whom represents the University in its all-land dispute cases before, that the existence of a Land Use Development and Infrastructure Plan plays a vital role in the presentation of evidences in the court.

The University have already taken drastic steps in coming up with its LUDIP in order to address UN Sustainable Development Goal 4 (Quality Education) which ensures inclusive and equitable quality education and promote lifelong learning opportunities for all. Relatively, the BSU-LUDIP also confers with the following Sustainable Development Goals (SDGs): Gender Equality (SDG 4), Decent Work and Economic Growth (SDG 8), Industry, Innovation and Infrastructure (SDG 9), Climate Action (SDG 13), Peace, Justice and Strong Institutions (SDG 16), and Partnership for the Goals (SDG 17).

# LAND USE PLAN

## A. Imperatives to Campus Land Use Plan

The greatest impetus for the development of this plan is the need to fulfil the mandates of the institution with the optimum usage of its present resources. This need is continually challenged by the concerns of decreasing land area; increasing university population amid changing trends and emerging needs; and, the impending decrease in budget from national government.

First, the scarcity of land in every municipality where BSU campuses are located is one of the issues giving tremendous pressure on how BSU will address the continuing illegal possession of claimants in its massive land reservations. The University was already experiencing problems in dealing with land claimants even before the school reached its university status in 1986. The issuance of orders and other pertinent laws coming from higher authorities releasing portions of land reserves intended for school use have been favoring land claimants. Seeing the considerable area already lost and more areas in danger of extinction from its map, the University has to plan for the maximum utilization of its land reserves by expanding its operations thru adopted strategies that recognizes University ownership over it.

Second, evolving from a farm school to a university, the student, faculty and staff population have considerably increasing over the years. Along with this change in its demography, are changing trends and emerging needs in the wider milieu where the university operates and where its products (graduates and generated technologies) are expected to make a difference. Course offerings have to be continually evolved, updated and increased in order to meet current trends. Research and development activities have to be redesigned constantly to respond to emerging needs. Facilities, infrastructures, laboratory grounds and other important developments have to be expanded or introduced, hence the need to use the remaining land reserves of the University.

Third, the impending decrease of budget from national government for university operations necessitates the generation of more sustainable income thru aggressively intensifying the utilization of its land resources. In order to increase its self-reliance, the University has to continue taking advantage of its strategic locations in the Municipalities of La Trinidad, Bokod and Buguias which are now serving as educational and commercial hubs in the respective municipalities. The University can showcase its products and services and also promote agriculture-based tourism and other related activities.

The piecemeal introduction of developments addressing these concerns through the years have led to an undesirable mixture of structures and activities in one area or even the realization that a structure or activity should have been better off in another area. It is also believed that the seeming idleness of some landholdings actually attracted illegal settlers. These concerns still need to be addressed considering the whole landscape of BSU, hence this plan.

## B. The Planning Process

**Earlier Initiatives.** Records show that there were several initiatives for a land use plan under previous administrations. Notable among these records are the terminal report of former college president Dr. Bruno M. Santos (October 20, 1970 – September 15, 1982), a position paper by then university president Dr. Lucio B. Victor dated November 29, 1990, and another paper by University Vice President, Dr. Carlos T. Buasen Sr. titled “Priority

Concerns and Remedial Action Plan for Benguet State University (1992-1994)". In these documents, the need for a larger tract of land for future expansion was specifically emphasized even as they were alarmed with the continuing decrease of areas in the land reservations of the University. For this reason, these documents expressed strong opposition against the release of several tracts of lands that belonged to the school by the national government. To address priority problems, the third paper included strategies and actions like the improvement and beautification of the remaining areas.

The Land Reservation Committee (LRC) chaired by Dr. Franco T. Bawang had the "BSU Land Use Policy, Land Use System and Implementing Guidelines" approved by the Administrative Council on October 19, 1999. This document contained the history of BSU Land Reservations; the proposed Land Use Policy; the Land Use Systems; and the implementing guidelines to be followed. On March 10, 2000, the Board of Regents (BOR) referred the proposed guidelines to the Land Use Committee of the board which subsequently remanded it to the LRC. Records show no further developments on this matter.

**Institutional Development Plan (2010-2014)**. Included in this plan is a chapter on Campus Facilities Development Plan which subdivided the main campus into five zones: commercial, residential, academic, experimental, and research center. It also included a list of buildings to be repaired and constructed. BOR Resolution No. 1824, s. 2009 approved this Five-Year Institutional Development Plan as a pre-edition and referred the same to the Executive Finance Committee for review. The committee recommended that the Planning and Development Office spearheads the review of the plan. Records show no further developments on this matter. Nonetheless, the plan has been used as a guide and as a reference time and again.

**Strategic Planning for 2013-2022.** This started with a preliminary planning on May 30, 2012 followed by a series of other planning activities by sector. The final form of the Strategic Plan was presented to the Special Administrative Council on August 16, 2013. It was finally approved by the Board of Regents on March 5, 2014 in Board Resolution No. 2261, s. 2014. Among the strategies identified for the attainment of objectives is the preparation of a land use plan.

**Campus Master Planning (CMP) Workshop.** A five-day intensive planning workshop was attended by 56 participants coming from the Academic, Research and Extension, Business Affairs and Administration sectors on February 23 to 27, 2015. Most of the participants were the heads of offices in these sectors. The students were represented by the Supreme Student Government President. The workshop was facilitated by the Planning and Development Office (PDO) with expert services coming from the Policy Formulation and Planning Division of the National Economic Development Authority-Cordillera Administrative Region (NEDA-CAR).

The activity consisted of mini-lectures, workshops and an ocular visit to the landholdings of BSU. The Existing Levels-Trends-Comparison-Strategic Significance (ETCS) tool was used in situational analysis together with resource mapping and ocular observation. The Problem Solution Finding Matrix (PSFM), on the other hand, was the tool used to further understand the situation and to identify policy options or solutions. Physical translation of objectives was used to identify dominant and potential uses of land guided by an agreed set of campus planning principles. These were marked on the map of BSU landholdings. Inputs were also gleaned from the Institutional Development Plan (2010-2014) and incorporated into the workshop outputs. From these outputs, a list of proposed projects was prepared for each lot side by side with the existing uses and improvements within. The listed programs/projects/activities (PPAs) were then prioritized using a set of criteria agreed upon by the participants.

**Follow-up Meetings.** Two subsequent meetings ensued on March 18, 2015 and on March 26, 2015. These were presided over by the president and participated in by the Vice Presidents, Planning and Development Office (PDO) and Land Reservations Office (LRO) personnel, the Budget Officer and other university officials. During the first meeting, the prioritization of projects for Capital Outlay was reviewed. The prioritized list of capital outlay projects from the CMP Workshop served as the working paper. The output of this meeting was a refined prioritized list considering several factors, like alignment to the pillars of the Philippine Development Plan (PDP), among others.

In the second meeting, the list of existing and proposed land uses and improvements resulting from the CMP was reviewed and refined. The output forms part of this plan under Chapter III - The Land Use Plan.

**Dissemination of Land Use Plan Draft to Different Sectors**. The results of all these activities were consolidated and a draft was completed on March 28, 2015. Copies of the draft were furnished to sector vice-presidents for their review. For wider dissemination, the draft was also uploaded to the university's Digital Assets Management System (DAMS) which recorded at least 30 downloads after three days of posting. The disseminated drafts were accompanied with the instruction that comments and suggestions be forwarded to the PDO for appropriate action. A number of office heads visited or contacted the office for their concerns regarding the draft plan. These concerns were promptly attended to.

**Finalization of the Land Use Plan**. The first draft was re-organized following standard contents of a land use plan. Inputs from documents and outputs from different planning activities and meetings were further referred to along with the comments and suggestions coming from the different sectors in the university.

**Approval of the BSU Land Use Plan.** That on April 13, 2018 during the 186$^{th}$ BSU-BOR Meeting, the BSU Land Use Plan was finally approved with BOR Resolution Number 2764, Series of 2018.

**Enactment of LUDIP Act.** On July 23, 2018, Republic Act No. 11396 or otherwise known as "An Act Requiring State Universities and Colleges (SUCs) to prepare and Implement a Land Use Development and Infrastructure Plan that shall include the construction of Dormitories for Students and Housing sites for Employees" was enacted by the Congress of the Philippines. Pursuant to Section 7 of Republic Act No. 11396, and as approved during the virtual Commission *en Banc* meeting on October 13, 2020 through Resolution No. 731-2020, the Commission on Higher Education (CHED) have formulated and adopted the Implementing Rules and Regulations of the above cited law.

**Strategic Planning for 2021 to 2024.** Benguet State University's four-year strategic plan widens the university's horizon as it envisions to be an International Smart University engendering graduates to walk the intergenerational highways.

Action plans were formulated during the said activity in order to be responsive to the following Sustainable Development Goals: Good health and well-being (3), Quality Education (4), Gender Equality (5), Industry Innovation and Infrastructure (9), Sustainable Cities and Communities (11), Climate Action (13), Peace, Justice and Strong Institutions (16), and Partnerships for the Goals (17).

The strategic direction of the University is anchored on five goals. These are: Challenge Innovation in the four-fold functions of the University; Advance Technology and Facility by shaping the University become responsive to modern needs; Revitalize Administration by harmonizing performance monitoring, information, and reporting systems; Engender partnership by proactively strengthening linkages; Serve Intergenerational Role by revitalizing the Spiritual, Physical, Economical, Cultural, Intellectual, Emotional, and Social (S. P.E.C.I.E.S.) state. Each of the goals and objectives was formulated to capture the four-fold functions of the University.

**Online Seminars conducted by UP-SAFER-U.** Identified employees from the Planning and Development Office (PDO) and Land Reservations Office (LRO) have attended series of online workshops and trainings conducted by UP-SAFER-U Project Team. The series of activities attended thru Zoom online platform have molded the participants to have a better perspective in risk assessment, hazard mapping, risk mitigation and climate change adaptation. At the end of activity and with the aid of the UP-SAFER-U Team, hazard maps including a compendium of results for the Benguet State University had been produced.


CERTIFICATE OF PARTICIPATION

This certifies that

Melvin John M. Aromin

Benguet State University

participated in the "Training on the Preparation of a Land Use Development and Infrastructure Plan (LUDIP) for SUCs" and satisfied the requirements of the following module/s:

Module 4 - Development Planning / Land Use Development and Infrastructure Plan

The Training is an online course organized and conducted by the University of the Philippines School of Urban and Regional Planning (UP SURP) in partnership with the Commission on Higher Education (CHED).

Issued this 23rd day of January 2023.

Dr. DINA C. MAGNAYE, EnP, Dean, UP SURP

Dr. DAVID LEONIDES T. YAP, Project Leader, LUDIP Training


CERTIFICATE OF PARTICIPATION

This certifies that

Thea Mae G. De Los Santos

Benguet State University

participated in the "Training on the Preparation of a Land Use Development and Infrastructure Plan (LUDIP) for SUCs" and satisfied the requirements of the following module/s:

Module 4 - Development Planning / Land Use Development and Infrastructure Plan

The Training is an online course organized and conducted by the University of the Philippines School of Urban and Regional Planning (UP SURP) in partnership with the Commission on Higher Education (CHED).

Issued this 23rd day of January 2023.

Dr. DINA C. MAGNAYE, EnP, Dean, UP SURP

Dr. DAVID LEONIDES T. YAP, Project Leader, LUDIP Training


CERTIFICATE OF PARTICIPATION

This certifies that

Edralyn Fay S. Miguel

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participated in the "Training on the Preparation of a Land Use Development and Infrastructure Plan (LUDIP) for SUCs" and satisfied the requirements of the following module/s:

Module 4 - Development Planning / Land Use Development and Infrastructure Plan

The Training is an online course organized and conducted by the University of the Philippines School of Urban and Regional Planning (UP SURP) in partnership with the Commission on Higher Education (CHED).

Issued this 23rd day of January 2023.

Dr. DINA C. MAGNAYE, EnP, Dean, UP SURP

Dr. DAVID LEONIDES T. YAP, Project Leader, LUDIP Training

Figure 1. Shows the certificates of participation awarded to the BSU employees who have successfully completed the series of seminar-workshops conducted by UP-SAFER-U Project.

**Enhancement of Existing Land Use Plan into Land Use Development and Infrastructure Plan in accordance to the format issued by CHED.** Complying with the suggested contents to be incorporated by the LUDIP Regional Technical Working Group, collaborations among different sectoral representatives, the Planning and Development Office (PDO) together with the Land Reservations Office (LRO) have conducted a three (3) day workshop on March 27-29, 2023 at Bani, Pangasinan. The main agenda of the meeting cum workshop is how to properly address the topics assigned to them including the issues that may arise as the BSU-LUDIP progresses to its final stage of completion.

## C. Organization of the Plan

Following the contents as contained in the Implementing Rules and Regulations of the LUDIP Act, the Benguet State University Land Use Development and Infrastructure Plan was arranged in the following manner:

**I. Brief Profile of Benguet State University**
- A. Location, Land Area and Geographic Characteristics
- B. Brief Historical Background
- C. The Current Vision, Mission and Developmental Goals
- D. The Current Governing Board of Regents
- E. List of Programs Offerings per Campus
- F. Significant Awards Received by the University
- G. Demographic Profile

**II. Detailed Description**
- A. BSU Land Holdings
- B. Physical Features and Environmental Conditions
  - b.1. Topography
  - b.2. Water Source
  - b.3. Waste Generation
  - b.4. Geographical Hazards

**III. Land Use Development and Infrastructure Plan and Investment Program**
- A. Land Use Zone
- B. Infrastructure and Facilities
- C. Developmental Constraints
- D. Site Development Plan
- E. Investment Plan

**IV. Plan Implementation, Monitoring and Evaluation**

**V. Annexes**

# I. BRIEF DESCRIPTION

## A. Location, Land Area and Geographic Characteristics

Benguet, together with Abra, Apayao, Baguio City, Ifugao, Kalinga, and Mountain Province comprise the Cordillera Administrative Region (CAR) in Northern Luzon. It has a Mountainous terrain of peaks, ridges, and canyons; and a temperate and generally pleasant climate. *(benguet.gov.ph)*

Benguet lies southernmost in the Cordillera Administrative Region. It is geographically located between 16'33" north latitude and 120'34" to 120'52" east longitude. On the north, it is bounded by Mountain Province, on the south by Pangasinan, on the east by Ifugao and Nueva Vizcaya and on the west by La Union and Ilocos Sur. *(benguet.gov.ph)*

Depicted are Benguet's rich natural resources -water, mineral deposits, lands, mountains and forests which are harnessed for economic development. The mining industry is represented by a miner's pick and headgear, energy is represented by Ambuklao spillway, agriculture is represented by the terraced gardens and vegetable produce, indigenous handicraft as represented by the *"kayabang"*, and eco-tourism as the pine trees and mountains. At the center is the *"gangsa"* representing the distinct indigenous culture of its people. Beneath the Symbolisms is the enduring guiding dictum for all times and generations, "Unity, Industry, Prosperity". *(benguet.gov.ph)*

The province has a land area of 2,769.08 square kilometers or 1,069.15 square miles. Its population as determined by the 2020 Census was 460,683. This represented 25.63% of the total population of the Cordillera Administrative Region, 0.74% of the overall population of the Luzon Island group, or 0.42% of the entire population of the Philippines. Based on these figures, the population density is computed at 166 inhabitants per square kilometer or 431 inhabitants per square mile. *(Benguet Profile - PhilAtlas)*

Benguet has 13 municipalities. The total number of barangays in the province is 140. The City of Baguio is commonly grouped with the province, although it is administratively independent due to its distinction as a highly urbanized city. *(Benguet Profile - PhilAtlas)*

Table 1. Population of the Province of Benguet *(Benguet Profile - PhilAtlas)*

| Municipal | Population (2020) | Population (2015) | Annual Population Growth (2015-2020) | Barangay Count |
|---|---|---|---|---|
| Atok | 19,218 | 19,668 | -0.49% | 8 |
| Bakun | 14,535 | 15,357 | -1.15% | 7 |
| Bokod | 14,435 | 13,756 | 1.02% | 10 |
| Buguias | 44,877 | 43,627 | 0.60% | 14 |
| Itogon | 61,498 | 59,820 | 0.58% | 9 |
| Kabayan | 15,806 | 15,260 | 0.74% | 13 |
| Kapangan | 19,297 | 19,361 | -0.07% | 15 |
| Kibungan | 17,051 | 17,292 | -0.30% | 7 |
| La Trinidad | 137,404 | 129,133 | 1.32% | 16 |
| Mankayan | 37,233 | 35,953 | 0.74% | 12 |
| Sablan | 11,588 | 11,457 | 0.24% | 8 |
| Tuba | 45,312 | 47,648 | 0.29% | 13 |
| Tublay | 19,429 | 17,892 | 1.75% | 8 |
| | **460,683** | **444,224** | **0.77%** | **140** |

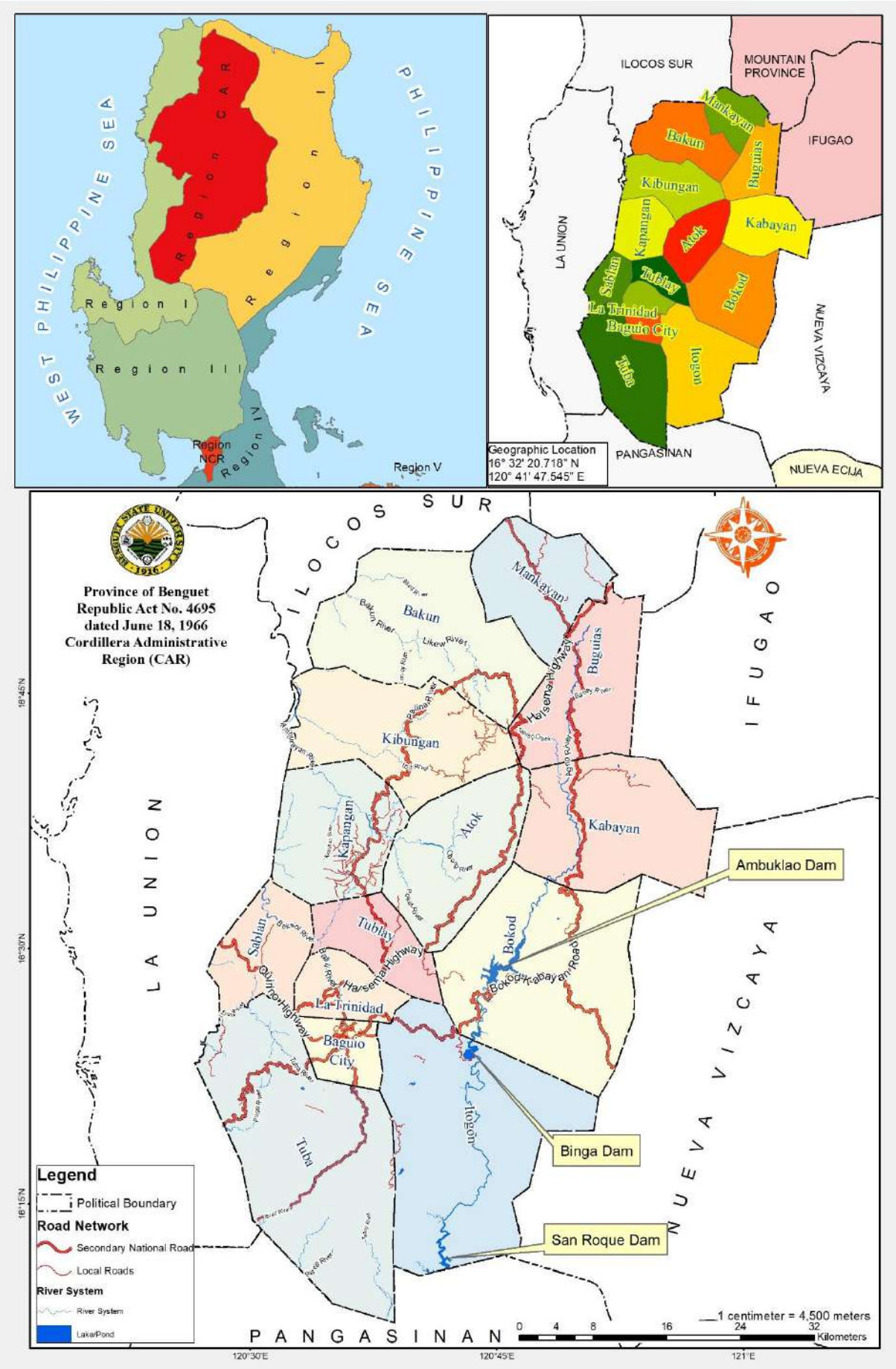



Figure 2. Map showing the location of the Province of Benguet.

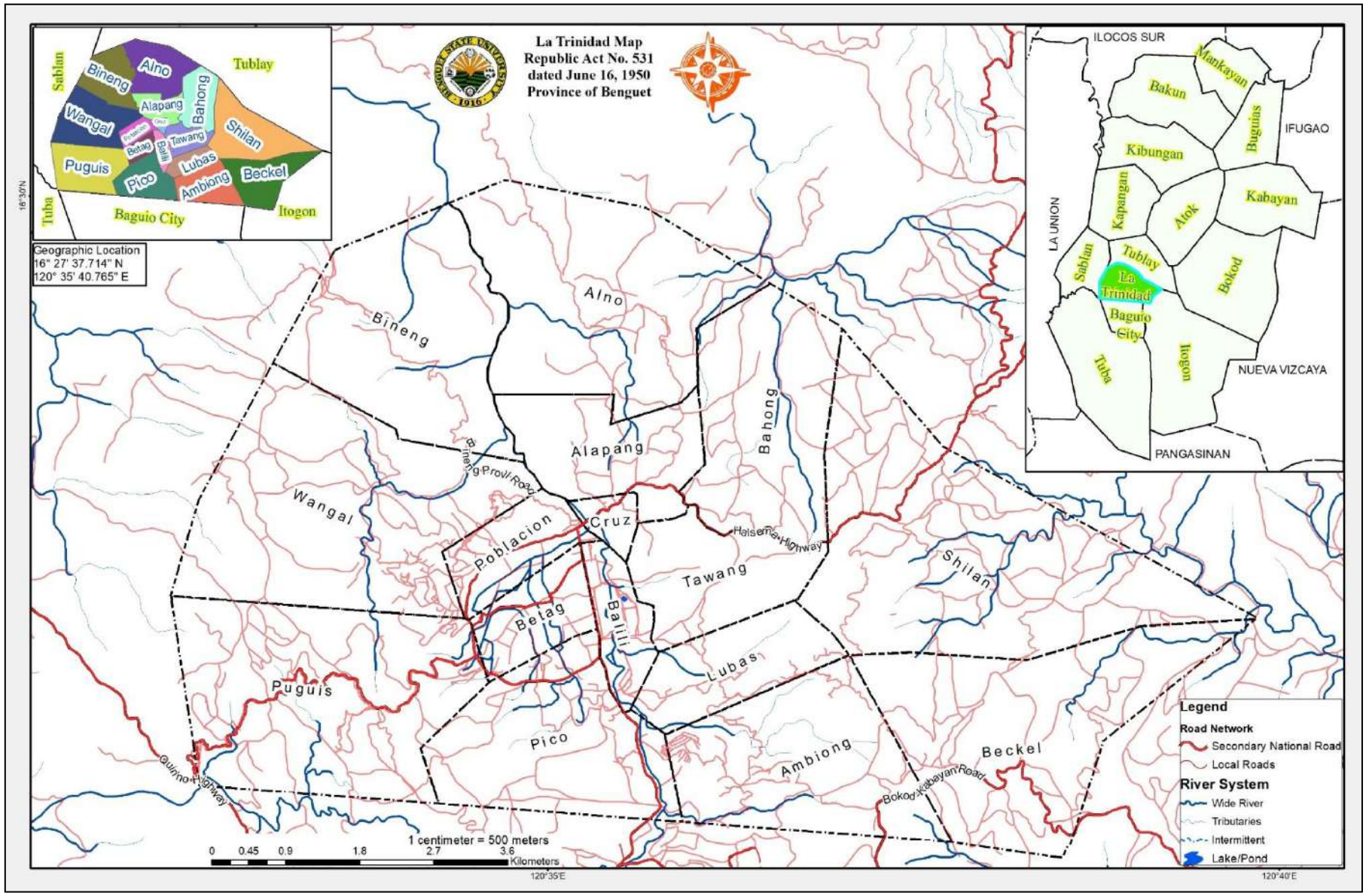



Figure 3. Location of Municipality of La Trinidad with its Corresponding Barangays.

The municipal center of Bokod is situated at approximately 16° 30' Nort, 120° 50' East, in the island of Luzon. Elevation at these coordinates is estimated at 935.1 meters or 3,067.2 feet above mean sea level.

Based on the *great-circle distance* (the shortest distance between two points over the surface of the Earth), the cities closest to Bokod are Baguio with 26.73km to the West-Southwest (S71°W), San Fernando, La Union with 56.44km to the West-Northwest (76°W), Urdaneta, Pangasinan with 63.67km to the South-Southwest (S26°W), Dagupan, Pangasinan with 72.67km to the Southwest (S47°W), San Jose, Nueva Ecija with 79.43 km to the South-Southeast (S12°E) and Santiago, Isabela with 79.40km to the East-Northeast (N74°E). Its distance from the national capital is 210.98km to the South (S4°E).

*(PhilAtlas – Bokod,)*

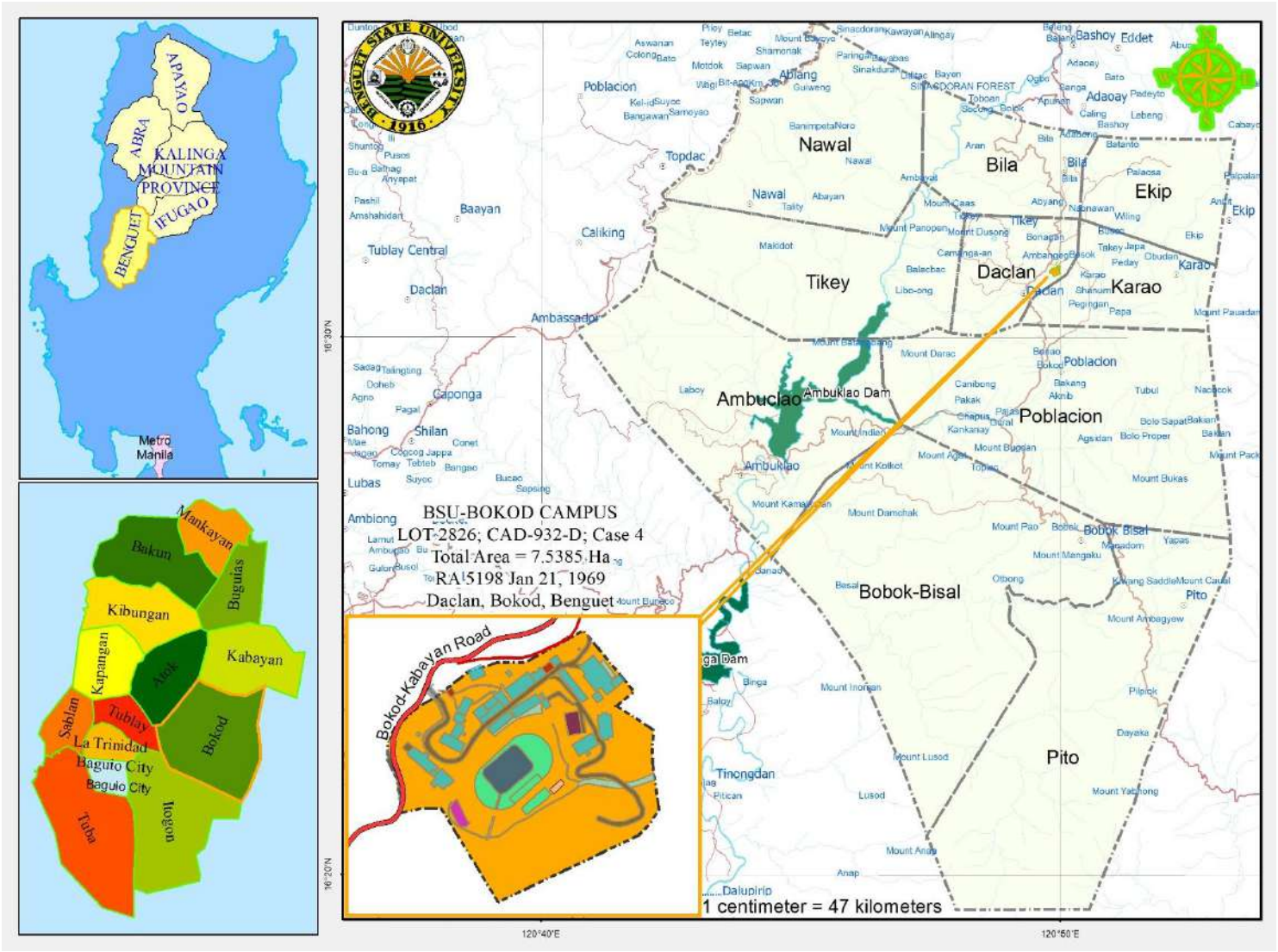



Figure 4. Location of Municipality of Bokod with its Corresponding Barangays.

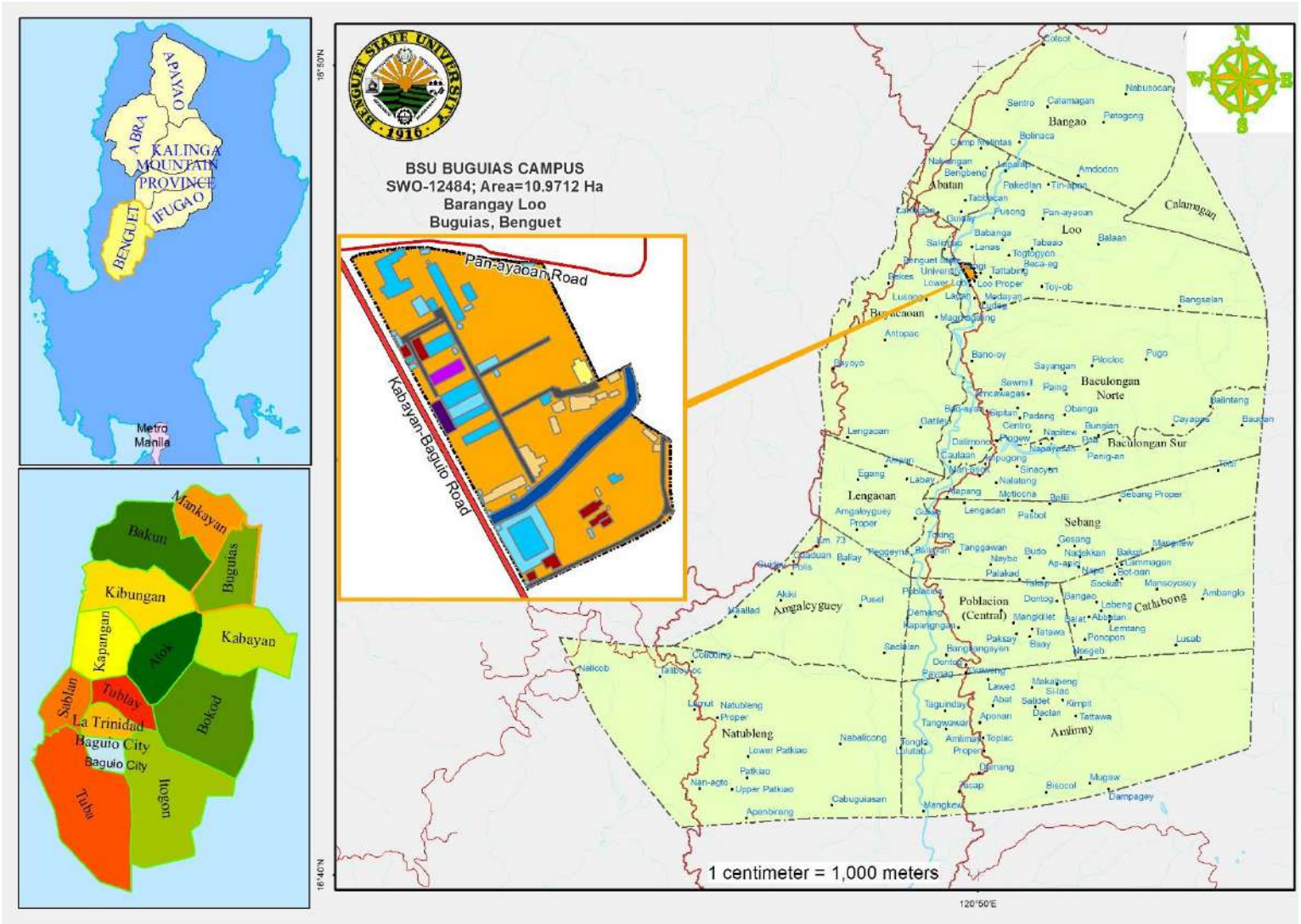



Figure 5. Location of Municipality of Buguias with its Corresponding Barangays.

The municipal center of Buguias is situated at approximately 16°48' North, 120°49' East, in the island of Luzon. Elevation at these coordinates is estimated at 1,807.3 meters or 5,927.9 feet above mean sea level.

Based on the *great-circle distance* (the shortest distance between two points over the surface of the Earth), the cities closest to Bokod are Baguio with 42.06km to the Southwest (S36°W), San Fernando, La Union with 55.66km to the West-Southwest (78°W), Candon, Ilocos Sur with 66.15km to the Northwest (N38°W), Santiago, Isabela with 76.58km to the East (S88°E) Urdaneta, Pangasinan with 86.71km to the South-Southwest (S19°W), and Dagupan, Pangasinan with 91.46km to the Southwest (S35°W). Its distance from the national capital is 235.88km to the South (S4°E).

*(PhilAtlas – Bokod,)*

Benguet State University consists of three (3) campuses, namely: La Trinidad Campus (Main) located at the capital town of La Trinidad; the Bokod Campus (formerly Benguet School of Arts and Trade) at Daclan, Bokod; and, the Buguias Campus (formerly Buguias-Loo Polytechnic College) at Loo, Buguias (Figure 4 & 5).

La Trinidad, Bokod and Buguias are among the thirteen municipalities of Benguet in the Cordillera Administrative Region (CAR). La Trinidad is the gateway to the City of Baguio through the Halsema Highway and also through the Ambuklao Road. Likewise, both Bokod and Buguias are gateways to Benguet from Nueva Vizcaya for the former, and from Mountain Province for the latter. Like the other municipalities in the province, these are largely dependent on highland agriculture.

BSU La Trinidad Campus has more or less than 641.8592 hectares of remaining land holdings. Its hub sits on the La Trinidad valley floor with a cumulative area of 109.9713 hectares distributed among 18 lots. The valley's elevation is measured at 1,300 meters above sea level (masl), giving temperatures ranging from 11 degrees Celsius up to 24 degrees Celsius. The rest of the area is located on the slopes of the mountain ranges surrounding the valley at an elevation from 1,310 m to 1,545 masl. The BSU landscape is primarily dominated by forested and agricultural areas where flora and fauna still abound.

The Bokod Campus has an area of 7.5385 hectares in Daclan, Bokod where the highest peaks reach an elevation of 2,098 masl. The Buguias Campus also sits on the Loo Valley of Buguias at an elevation of 1,598 masl and an area of 10.9809 hectares across three lots.

## B. Brief Historical Background

### LA TRINIDAD CAMPUS (MAIN)

Having reached its centennial anniversary way back in 2016, BSU was founded by the Americans in 1916 as the Trinidad Farm School on a land formerly used as an experimental station by the Bureau of Agriculture. Its initial purpose was to train highlanders in 'modern' agriculture (Finin, 2005). It was "planned primarily to be developed into a large normal school where the best Igorot pupils will be given special training for service as teachers among their own people, emphasis being placed upon agricultural instruction" (Bureau of Education report, 1917).

In 1920, the farm school was elevated as the Trinidad Agricultural School with 188 students enrolled first year high school. Re-opening after the war I 1946, the school became the La Trinidad Agricultural High School. Four years later, a provincial normal curriculum was abolished in 1953 and a two-year post-high school certificate in agricultural education was offered.

The school was renamed La Trinidad National Agricultural School (LTNAS). After four months, it was nationalized and named the Mountain National Agricultural School (MNAS). It was soon converted into the Mountain National College (MNAC); Mountain Agricultural College (MAC); and eventually, the Mountain State Agricultural College (MSAC) in 1969 through RA 5923.

Since then, the school has gone through a series of transformation to a State Agricultural College in 1970 and finally, to a State University on January 12, 1986 thru Presidential Decree No. 2010. The institution holds the distinction of having educated the pioneering leaders in the highland region like Bado Dangwa, Juan Duyan, Alfredo Lam-en, among others.

Over the years, the University continued to provide education not only to highlanders but lowlanders and foreigners as well. Academic programs increased with the opening of other non-agricultural degree programs, both in the undergraduate and graduate levels. To address emerging demands and changing trends, the institution continues to expand and/or update its course offerings and other services like research and extension.

## BOKOD CAMPUS

The Benguet School of Arts and Trades (BSAT) was established and enacted into law on June 21, 1969 under Republic Act 5918 through House Bill 12400 authored by then Congressman Atty. Andres Acop Cosalan, Sr. of Baguio-Benguet Congressional District. BSAT was then under the umbrella of the Department of Education and Culture (DECS) under the Administration of the defunct Bureau of Vocational Education (BE).

The operation of the school started in June 1972 with two programs: the four-year Secondary Trade and two-year Trade Technical curriculum headed by the vocational schools Superintendent Hipolito B. Pacis (June 1, 1972 - September 30, 1975)

On June 2, 1975, the offering of the four-year Technical Education curriculum leading to the degree Bachelor of Science in Industrial Education (BSIE) with emphasis on practical arts and industrial arts and was approved on August 13, 1976. In like manner, through DECS Department Order no. 78, series of 1975 the four-year technical education curriculum leading to the degree of Bachelor of Science in Industrial Technology (BIT) was offered in BSAT effective on the first semester of the school year 1975-1976. BSAT was one of the selected trade- technical schools authorized by the DECS to offer programs in the post-secondary level to prepare graduates/students for supervisory and management position in industries.

With the implementing guidelines of the integration law, the Commission on Higher Education's (CHED) Memorandum no. 27 series of 2000, BSAT was integrated to Benguet State University on January 1, 2001 (now known as the Benguet State University - Bokod Campus), to which it offered the degree program of Bachelor of Elementary Education (BEE) on June 2002 and had its first graduation on April 4, 2006.

Embodied in the Memorandum of Agreement which was signed in 2016 is the phasing out of secondary education (high school). Thus, the BSU - Bokod Campus no longer offer secondary education and had its last Commencement Exercises on April 18, 2015.

## BUGUIAS CAMPUS

It was Proclamation no. 435, dated January 23, 1932, that provided an area of 30.6487 hectares in Loo, Buguias, Benguet, for the operation of the Loo Settlement Farm-School under the Bureau of Public Schools of the Department of Education.

The Loo Settlement Farm School in Loo, Buguias, Benguet, however, was converted into a national vocational high school on June 19, 1961 by virtue of the enactment of Republic Act No. 3436, leading to the birth of the Loo National Vocational School in Loo, Buguias, Benguet.

The actual construction of the school buildings for the Loo National Vocational School started in 1964 and were ideally put up at the level portion of the school reservation along the Buguias - Kabayan national road. Formal classes started at the opening of the school year 1965-1966 with sixty-three (63) students, all boys, with four secondary school teachers.

On May 4, 1965, by virtue of Republic Act No. 4192, the Loo National Vocational School and the Buguias National Trade School were merged, giving birth to the Buguias - Loo Agro-Industrial School (also known as the Loo - Buguias Agro-Industrial School).

The original reservation of more or less 30.6487 hectares was reduced to approximately 20 hectares. About 1.6 hectares of the reservation had been claimed by a private individual which was then awarded to them. More or less about 5.0803 hectares of the reservation have been awarded and utilized by Local Government of Buguias by virtue of Executive Proclamation No. 51 dated July 14, 1966. And about four (4) hectares have been utilized by the Loo Elementary School for its operation.

That on December 30, 1994, the Buguias - Loo Agro-Industrial School in the Municipality of Buguias was converted into Buguias - Loo Polytechnic College by virtue of Republic Act No. 7849.

Then on May 2001, the Buguias - Loo Polytechnic College was formally integrated to the Benguet State University by virtue of Republic Act No. 8292 or also known as the Higher Education Act of 1997.

**** Pursuant to CMO 27, s.2000, this provides the implementing guidelines for the integration of CHED-supervised institutions to SUCs under RA 8292, Buguias-Loo Polytechnic College (BLPC) and Bokod School of Arts and Trades (BSAT) were integrated as the BSU- Buguias Campus in May 2001; and BSU-Bokod Campus in January 2002, respectively.*

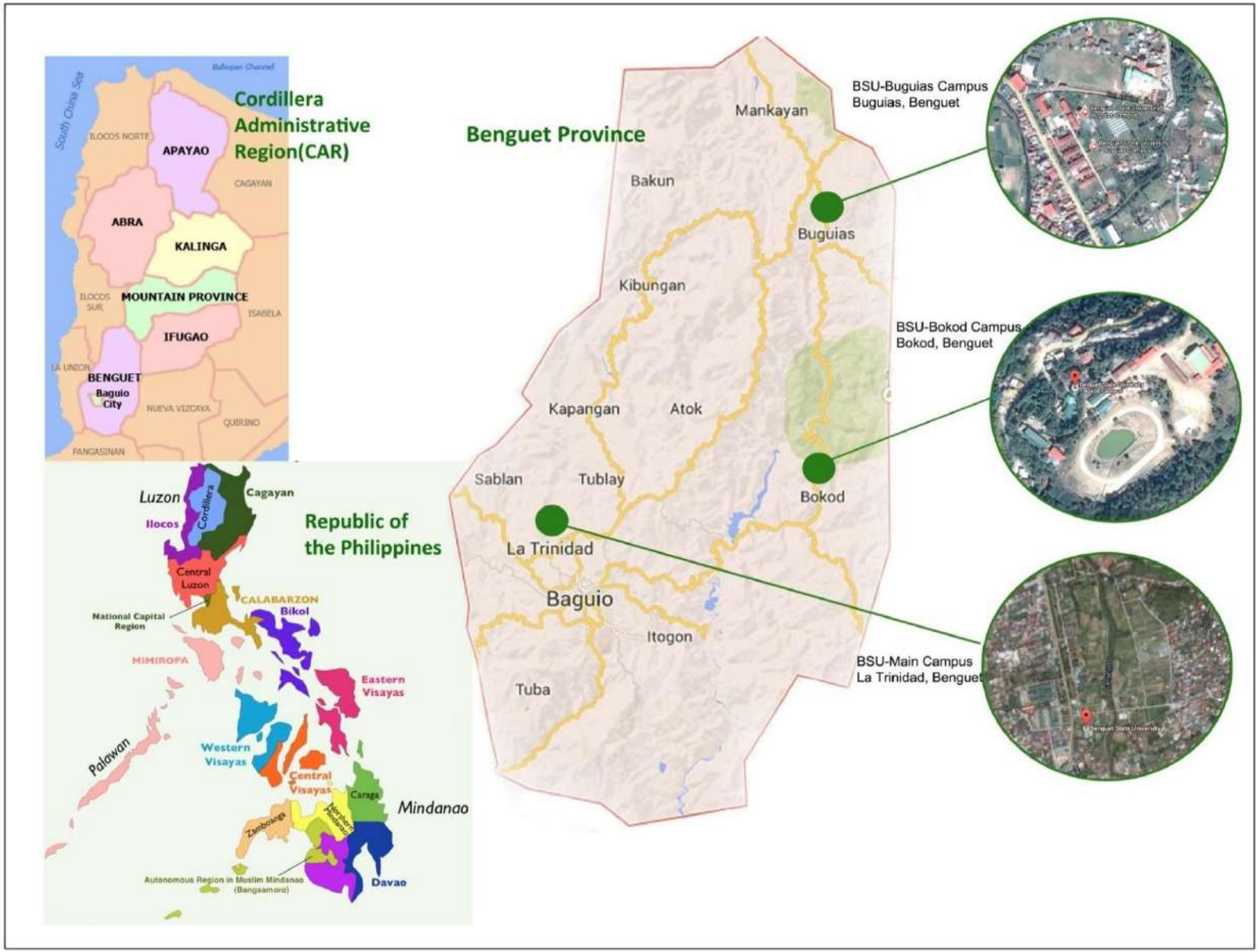



Figure 6. Map showing the location of the three campuses of Benguet State University: La Trinidad Campus, Bokod Campus and Buguias Campus.

## C. The Current Vision, Mission and Developmental Goals

VISION : BSU as an International Smart University engendering graduate to walk the intergenerational highways.

MISSION : BSU CARES to: **C**hallenge innovation, **A**dvance technology and facility, **R**evitalize administration, **E**ngender partnership, and **S**erve intergenerational role.

DEVELOPMENTAL GOALS:

Goal 1 : **C**hallenge Innovation in the four-fold functions of the University.

Goal 2 : **A**dvance Technology and Facility by shaping the University become responsive to modern needs.

Goal 3 : **R**evitalize Administration by harmonizing performance monitoring, information, and reporting systems.

Goal 4 : **E**ngender Partnership by proactively strengthening linkages.

Goal 5 : **S**erve intergenerational role by revitalizing the Spiritual, Physical, Economical, Cultural, Intellectual, Emotional, and Social (S.P.E.C.I.E.S.) state.

## D. The Current Governing Board of Regents

**List of Governing Board**

| | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
|---|---|---|---|---|---|---|
| **Chair Designate** | | | LILIAN A. DE LAS LLAGAS<br>Commissioner, Commission on Higher Education | | MARITA RANA CANAPI<br>Commissioner, Commission on Higher Education | |
| **Vice Chair** | | FELICIANO G. CALORA, JR.<br>President, Benguet State University | | | FELIPE SALAING COMILA<br>President, Benguet State University | |
| **Member** | FRANCIS JOSEPH "CHIZ" G. ESCUDERO<br>Chair, Senate Committee on Higher Education, Arts of Culture | | EMMANUEL JOEL J. VILLANUEVA<br>Chair, Senate Committee on Higher Education, Arts of Culture | | MARK O. GO<br>Chair, House Committee on Higher Technical Education | FRANCIS JOSEPH "CHIZ" G. ESCUDERO<br>Chair, Senate Committee on Higher Technical and Vocational Education,<br>represented by:<br>MELCHOR D. DICLAS<br>Governor, Province of Benguet |
| | | PAOLO EVERARDO JAVIER<br>Regent Congressman | RONALD M. COSALAN<br>Regent Congressman<br>Representative of Mark O. Go | | ERIC GO YAP<br>Congressman, Province of Beguet<br>Representative of Mark O. Go | MARK O. GO<br>Chair, House Committee on Higher and Technical Education<br>represented by:<br>ERIC GO YAP<br>Congressman, Province of Benguet |
| | MILAGROS A. RIMANDO<br>Regional Director, NEDA-CAR | | | | SUSAN A. SUMBELING<br>Regional Director, NEDA-CAR | |
| | GERALDINE F. CASIPIT<br>OIC Director, CHED Regional Office | MARCO CICERO F. DOMINGO<br>OIC Director, CHED Regional Office | DANILO B. BOSE<br>OIC Director, CHED Regional Office | | DEMETRIO P. ANDUYAN, JR.<br>OIC Director, CHED Regional Office | |
| | CAMERON P. ODSEY<br>Regional Director, DA-CAR | | | | | JENNILYN M.DAWAYAN<br>OIC-Regional Director, DA-CAR |
| | NANCY A. BANTOG<br>OIC Regional Director, DOST-CAR | | | | | |
| | LOUISA P. PLADIO<br>President, Faculty Club Federation | IMELDA O. DEGAY<br>President, Faculty Club Federation | | HARLAND GARY B. PAWID<br>President, Faculty Club Federation | | DARWIN A. BASQUIAL<br>President, Faculty Club Federation |
| | MARVIN S. CHAGYO<br>President, BSU Alumni Federation | FLORANTE P. BELA-O<br>President, BSU Alumni Federation | | | | EMELIANO L. AUGUSTO<br>President, BSU Alumni Federation |
| | DELMAR O. CARIÑO<br>Private Sector Representative | | | | SUSANA G. UMAYAT<br>EDUARDO V. ABASTILLA<br>Private Sector Representative | |
| | ARNEL BILLY G. LIM<br>President, SSG | GABRIEL S. TUGBO<br>President, SSG | | ROLLY BEN M. CUYASEN<br>President, SSG | SHANERRISSE TAMONDONG<br>President, SSG | ANA MARIE J. TANGONAN<br>President, SSG |
| | GRACE T. BENGWAYAN<br>University Board Secretary | | | | | PATSELYN A. BOTIWEY<br>Acting Board Secretary |

## E. List of Program Offerings per Campus

The list of Undergraduate Programs offered for the La Trinidad Campus (Main), Bokod Campus and Buguias Campus are shown under Tables 2, 3, and 4 respectively.

Tables 5 and 6 indicate the Masteral Program and Doctorate Program offerings at La Trinidad Campus (Main), respectively.

Table 2.

| LA TRINIDAD CAMPUS (MAIN) | | | | | |
|---|---|---|---|---|---|
| | **Degree Program/ College** | **CMO No.** | **BOR Res. No. / Approval** | **COPC** | **Accreditation Level** |
| **COLLEGE OF AGRICULTURE** | | | | | |
| 1 | BS Agriculture | 23 s. 2021 | 52 s. 1971,<br>1970 s. 2010<br>2896 s. 2019 | 004 s. 2017<br>10-Mar-17 | 3 |
| 2 | BS Agribusiness Management | 24 s. 2007 | 52 s. 1971<br>662 s. 1995<br>2883 s. 2014<br>2900 s. 2019 | 008 s. 2017<br>10-Mar-17 | 3 |
| **COLLEGE OF ARTS AND HUMANITIES** | | | | | |
| 3 | BA Communication | 35 s. 2017 | 2892 s. 2019 | 009 s. 2018<br>16-Apr-18 | for accreditation |
| 4 | BA English | 24 s. 2017 | 2718a s. 2018<br>2893 s. 2019 | 001 s. 2018<br>16-Apr-18 | |
| 5 | BA Filipino | 22 s. 2017 | 2718b s. 2018<br>23 s. 2019 | 001 s. 2018<br>18-Jan-185 | |
| **COLLEGE OF ENGINEERING** | | | | | |
| 6 | BS Agricultural and Biosystem Engineering<br>(formerly BSAENG'G) | 94 s. 2017 | 14 s. 2019 | for processing | 4 |
| 7 | BS Civil Engineering | 92 s. 2017 | 173 s. 2021 | | new program<br>August 2021 |
| 8 | BS Electrical Engineering | 88 s. 2017 | 172 s. 2021 | | |
| 9 | BS Industrial Engineering | 96 s. 2017 | | | |
| **COLLEGE OF FORESTRY** | | | | | |
| 10 | BS Forestry | 06 s. 2019 | 19 s. 1976<br>2897 s. 2019 | 001 s. 2017<br>10-Mar-17 | 4 |
| **COLLEGE OF HOME ECONOMICS AND TECHNOLOGY** | | | | | |
| 11 | BS Entrepreneurship<br>> Fashion and Apparel<br>> Food Enterprise | 18 s. 2017 | 2902 s. 2019 | 40 s. 2019<br>11-Jun-19 | 3<br>(re-accreditation) |
| 12 | BS Hospitality Management | 62 s. 2017 | 1914 s. 2010<br>2903 s. 2019<br>272 s. 2022 | 09 s. 2019<br>27-Mar-19 | 1 |
| 13 | BS Nutrition and Dietetics | 14 s. 2017 | 65 s. 1986<br>2907 s. 2019 | 003 s. 2017<br>10-Mar-17 | 3 |
| 14 | BS Food Technology | 7 s. 2019 | 173 s. 2021 | for processing | new program<br>August 2021 |

| | | | | | |
|---|---|---|---|---|---|
| 15 | BS Tourism Management | 62 s. 2017 | | | |
| **COLLEGE OF HUMAN KINETICS** | | | | | |
| 16 | B Physical Education | 80 s. 2017 | 2221 s. 2011<br>28a s. 2019 | 01 s. 2019<br>27-Feb-19 | for accreditation |
| 17 | BS Exercise & Sport Science | 81 s. 2017 | 28 s. 2019 | 07 s. 2020<br>24-Sep-20 | |
| **COLLEGE OF INFORMATION SCIENCES** | | | | | |
| 18 | BS Information Technology | 25 s. 2015 | 2905 s. 2019 | 07 s. 2019<br>27-Feb-19 | 3<br>(re-accreditation) |
| 19 | BS Development Communication | 36 s. 2017 | 2901 s. 2019 | 013 s. 2018<br>25-Sep-18 | 3 |
| 20 | B Library Information Science | 24 s. 2015 | 2904 s. 2019 | 38 s. 2019<br>6-Apr-19 | 2<br>(re-accreditation) |
| **COLLEGE OF NATURAL SCIENCES** | | | | | |
| 21 | BS Biology | 49 s. 2017 | BOR Action:<br>Noted -<br>Oct. 15, 2020 | 001 s. 2020 | for accreditation |
| 22 | BS Chemistry | 47 s. 2017 | | 005 s. 2020 | |
| 23 | BS Environmental Science | 10 s. 2017 | 2894 s. 2019 | 10 s. 2019<br>27-Feb-19 | 3<br>(re-accreditation) |
| **COLLEGE OF NUMERACY AND APPLIED SCIENCES** | | | | | |
| 24 | BS Mathematics | 48 s. 2017 | BOR Action:<br>Noted -<br>Oct. 15, 2020 | 004 s. 2020 | for accreditation |
| 25 | BS Applied Statistics | 42 s. 2017 | 2895 s. 2019 | 11 s. 2019<br>27-Feb-19 | 3 |
| **COLLEGE OF NURSING** | | | | | |
| 26 | BS Nursing | 15 s. 2015 | 2906 s. 2019 | 019 s. 2019<br>19-Dec-19 | 4<br>(re-accreditation) |
| **COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE** | | | | | |
| 27 | B Public Administration | 6 s. 2010 | 28b s. 2019 | 08 s. 2019<br>27-Feb-19 | candidate for level 1 |
| **COLLEGE OF SOCIAL SCIENCES** | | | | | |
| 28 | BA History | 38 s. 2017 | 194 s. 2021 | 002 s. 2022<br>05-Jul-22 | new program<br>August 2021 |
| 29 | BS Psychology | 34 s. 2017 | 194 s. 2021 | 001 s. 2022<br>05-Jul-22 | |
| **COLLEGE OF TEACHER EDUCATION** | | | | | |
| 30 | B Early Childhood Education | 81 s. 2017 | 27 s. 2019 | 03 s. 2022 | 4<br>(re-accreditation) |
| 31 | B Elementary Education | 74 s. 2017 | 26 s. 2019 | 005 s. 2017<br>10-Mar-17 | |
| 32 | B Secondary Education<br>> Social Studies<br>> Biological Science<br>> Filipino<br>> Values Education<br>> Physical Science<br>> Mathematics<br>> MAPEH | 75 s. 2017 | 24 s. 2019 | 006 s. 2017<br>10-Mar-17 | 4<br>(re-accreditation) |

| | | | | | |
|---|---|---|---|---|---|
| 33 | B Technical Livelihood Education<br>> Home Economics | 78 s. 2017 | 25 s. 2019 | 04 s. 2022 | for accreditation |
| **COLLEGE OF VETERINARY MEDICINE** | | | | | |
| 34 | Doctor in Veterinary Medicine | 01 s. 2018 | 2898 s. 2019 | 007 s. 2017<br>10-Mar-17 | 3 |

Table 3.

| **BOKOD CAMPUS** | | | | | |
|---|---|---|---|---|---|
| | **Degree Program/ College** | **CMO No.** | **BOR Res. No. / Approval** | **COPC** | **Accreditation Level** |
| 1 | BS Entrepreneurship<br>> Fashion and Apparel<br>> Food Enterprise | 18 s. 2017 | 174 s. 2021 | for processing | new program August 2021 |
| 2 | B Elementary Education | 74 s. 2017 | Adopt LT curriculum 3/28/2022<br><br>26 s. 2019 | | 1 |
| 3 | B Technology and Livelihood Education<br>> Home Economics<br>> Industrial Arts | | Adopt LT curriculum 3/28/2022<br><br>270 s. 2022 | N/A | for accreditation |
| 4 | B Technical-Vocational Teacher Education (formerly BS Industrial Education)<br>> Automotive Technology<br>> Civil & Construction Technology<br>> Food Service Management<br>> Garments, Fashion and Design | 79 s. 2017 | 26 s. 2019 | | |
| 5 | B Industrial Technology | 01 s. 2007 | for processing | | 1 |
| 6 | B Culture and Arts Education | 82 s. 2017 | 174 s. 2021 | for processing | new program August 2021 |
| 7 | B Public Administration | 6 s. 2010 | Adopt LT curriculum 28b s. 2019 | | |
| 8 | BS Information Technology (formerly BS Information Science) | 24 s. 2015 | Adopt LT curriculum 2904 s. 2019<br><br>(Authorized: 279 s. 2019) | | |
| 9 | B Secondary Education<br>> Filipino<br>> Math<br>> Social Studies<br>> Science<br>> English | 75 s. 2017 | Adopt LT curriculum 24 s. 2019 | | |

Table 4.

| BUGUIAS CAMPUS | | | | | |
|---|---|---|---|---|---|
| | **Degree Program/ College** | **CMO No.** | **BOR Res. No. / Approval** | **COPC** | **Accreditation Level** |
| 1 | BS Criminology | 05 s. 2018 | 175 s. 2021 | for processing | new program August 2021 |
| 2 | B Technical-Vocational Teacher Education (formerly BS Industrial Education)<br>> Animal Production<br>> Agricultural Crops Production<br>> Automotive Technology<br>> Electronics Technology<br>> Civil & Construction Technology<br>> Food Service Management<br>> Garments, Fashion and Design<br>> Agricultural Technology | 79 s. 2017 | 271 s.2022 | N/A | for accreditation |
| 3 | B Elementary Education | 80 s. 2017 | Adopt LT curriculum 3/28/2022<br>26 s. 2019 | for processing | 1 |
| 4 | B Secondary Education<br>> Filipino<br>> Math<br>> Social Studies | 75 s. 2017 | Adopt LT curriculum 3/28/2022<br>24 s. 2019 | | |
| 5 | B Physical Education | 80 s. 2017 | Adopt LT curriculum 3/28/2022<br>28a s. 2019 | | for accreditation |

Table 5.

| | **Degree Program/ College** | **CMO No.** | **BOR Res. No. / Approval** | **COPC** | **Accreditation Level** |
|---|---|---|---|---|---|
| **COLLEGE OF AGRICULTURE** | | | | | |
| 1 | MS Agribusiness Management | 15 s. 2019 | 188 s. 1988<br>22839a s. 2014<br>206 s. 2021 | Submitted to CHED on June 22, 2022 | 2 |
| 2 | MS Horticulture | | | | 3 |
| 3 | MS Agricultural Economics | | | | |
| 4 | MS Plant Pathology | | | | |
| 5 | MS Agronomy | | | | |
| 6 | MS Rural Development | | | | |
| 7 | MS Animal Science | | | | 4 (re-accreditation) |
| 8 | MS Soil Science | | | | 3 |
| 9 | MS Entomology | | | | |
| 10 | MS Agroecology | | | | |
| **COLLEGE OF ARTS AND HUMANITIES** | | | | | |
| 10 | MA English as a Second Language | 15 s. 2019 | 2189 s. 2013 | 497 s. 2021 | 2 |
| 11 | MA Filipino | | 2189 s. 2013<br>206 s. 2021 | 94 s. 2020 | 3 |

| | | | | | |
|---|---|---|---|---|---|
| 12 | MA English Language Studies | | 206 s. 2021 | 150 s. 2020 | 3 (re-accreditation) |
| **COLLEGE OF FORESTRY** | | | | | |
| 13 | MS Forestry > Silviculture Watershed Management | 15 s. 2019 | 63 s. 1984 273 s. 2022 | 093 s. 2020 | 3 (re-accreditation) |
| **COLLEGE OF HOME ECONOMICS AND TECHNOLOGY** | | | | | |
| 14 | MA Home Economics | 15 s. 2019 | 610 s. 1994 2192 s. 2013 | for processing | 2 (re-accreditation) |
| 15 | MA Technology and Home Economics | | 77 s. 1981 2192 s. 2013 | | |
| 16 | MS Nutrition and Dietetics | | 269 s. 2022 | | new program August2022 |
| **COLLEGE OF HUMAN KINETICS** | | | | | |
| 17 | MS Physical Education | 15 s. 2019 | 2282 s. 2014 274 s. 2022 | for processing | 2 (re-accreditation) |
| **COLLEGE OF NATURAL SCIENCES** | | | | | |
| 18 | MS Biology | 15 s. 2019 | 25 s. 1986 2189 s. 2013 207 s. 2021 | 123 s. 2020 24-Nov-20 | 2 (re-accreditation) |
| 19 | MS Environmental Science | | 2586 s. 2016 207 s. 2021 | 008 s. 2016 27-Oct-16 | for accreditation |
| 20 | MS Chemistry (formerly MA Chemistry) | | 766 s. 1997 2189 s. 2013 207 s. 2021 | Submitted to CHED on March 8, 2022 | 3 |
| **COLLEGE OF NUMERACY AND APPLIED SCIENCE** | | | | | |
| 21 | MA Applied Statistics | 15 s. 2019 | 610 s. 1994 2187 s. 2013 207 s. 2021 | for processing | 2 (re-accreditation) |
| 22 | MA Mathematics | | | 092 s. 2020 18-Sep-20 | |
| 23 | MS Physics | | 25 s. 1986 2189 s. 2013 207 s. 2021 | for processing | |
| 24 | MA General Science | | 306 s. 1989 2189 s. 2013 207 s. 2021 | | |
| **COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE** | | | | | |
| 25 | M Public Administration | 15 s. 2019 | 552 s. 1993 2196 s. 2013 | Submitted to CHED on Apr. 2020 | 2 (re-accreditation) |
| **COLLEGE OF SOCIAL SCIENCES** | | | | | |
| 26 | MA Social Studies | 15 s. 2019 | 306 s. 1989 2189 s. 2013 207 s. 2021 | for processing | 3 |
| **COLLEGE OF TEACHER EDUCATION** | | | | | |
| 27 | MA ED-Educational and Administration Supervision | 15 s. 2019 | 837 s. 1989 306 s. 1989 205 s. 2021 | submitted to CHED on July 4, 2022 | 2 |
| 28 | MA ED Early Childhood | 03 s. 2022 | 306 s. 1989 837 s. 1998 205 s. 2021 | | for accreditation |
| 29 | MA ED Elem Ed | 15 s. 2019 | | | |
| 30 | MA Guidance | | 1698 s. 2008 205 s. 2021 | | 3 |

| | | | | | |
|---|---|---|---|---|---|
| 31 | M Library and Information Science | | 19 s. 2021 | 5/8/2013 | 1 |
| **OPEN UNIVERSITY** | | | | | |
| 32 | M Community Development | 15 s. 2019 | 1910 s. 2010 | for accreditation | |
| 33 | M Community Health Development | | | | |
| 34 | M Development Communication | | | | |
| 35 | M Cooperative | | | | |
| 36 | M Human Resources Management | | | | |
| 37 | M Urban Management | | | | |
| 38 | M non-Formal Education (to be replaced by MALS) | | | | |
| 39 | M Alternative Learning System | | for BOR action | for processing | for accreditation |

Table 6.

| | Degree Program/ College | CMO No. | BOR Res. No. / Approval | COPC | Accreditation Level |
|---|---|---|---|---|---|
| **COLLEGE OF AGRICULTURE** | | | | | |
| 1 | PhD Agronomy | 15 s. 2019 | 610 s. 1994<br>970 s. 2000<br>206 s. 2021 | Submitted to CHED on June 22, 2022 | 3 |
| 2 | PhD Rural Development | | 11 s. 1985<br>610 s. 1994<br>2188 s. 2013<br>206 s. 2021 | | |
| 3 | PhD Horticulture | | 11 s. 1985<br>610 s. 1994<br>206 s. 2021 | | |
| **COLLEGE OF ARTS AND HUMANITIES** | | | | | |
| 4 | PhD English Language Studies | 15 s. 2019 | 207 s. 2021 | 151 s. 2020 | for accreditation |
| 5 | Doktor ng Pilosopiya sa Wikang Filipino | | 2251 s. 2014<br>207 s. 2021 | for processing | |
| 6 | PhD Language Education | | 2189 s. 2013 | | 3 |
| **COLLEGE OF SOCIAL SCIENCES** | | | | | |
| 7 | PhD Science Education-Biology | 15 s. 2019 | 409 s. 1991<br>2189 s. 2013<br>197 s. 2021 | for processing | 2 (re-accreditation) |
| **COLLEGE OF TEACHER EDUCATION** | | | | | |
| 8 | PhD in Education major in Educational Management | 15 s. 2019 | 11 s. 1985<br>205 s. 2021 | for submission | 3 |

## F. Institutional Awards (2018-2022)

Benguet State University is a recipient of various awards coming from government and non-government institutions. Table 7 shows the awards and recognitions conferred to the University in the last five (5) years:

Table 7.

| Category | Year | | Title of Award /Certification | Awarding / Certifying Agency |
|---|---|---|---|---|
| A. International | 2018 | 1 | ISO 9001: 2015 Certification | TUV Rheinland |
| | 2020 | 2 | QS Rating | QS Quacquarelli Symonds |
| | 2021 | 3 | ISO 9001: 2015 Re-Certified | TUV Rheinland |
| | 2023 | 4 | The University World Ranking University; BSU Rank 201-300 Global Top Innovative Universities | Hanseatic League of Universities |
| | | 5 | Notable Achievement (Sustainable Development Goals): | Times Higher Education |
| | | | SDG 3. Good Health & Well-Being Rank 301-400 | |
| | | | SDG 4. Quality Education Rank 1001+ | |
| | | | SDG 15. Life on Land Rank 301-400 | |
| | | | SDG 17. Partnership for the Goals Rank 801-1000 | |
| B. National | 2018 | 1 | 3rd Best Agriculture Radio Program BSU-on-Air " Saludsod Mo Sungbatak" | Bright Leaf Agriculture Journalism Awards |
| | | 2 | Rank 3 in the Internationalizing Quality in SUCs and Internationalizing AACCUP | Accrediting Agency of Chartered Colleges and Universities in the Philippines (AACCUP) |
| | 2020 | 3 | Certificate of Accreditation for the BSU - NPRCRTC as one BPI-Certified Potato Seed Producer | Dept. Agriculture - Bureau of Plant industry |
| | 2021 | 4 | Top 4 among ten SUCs who had the highest number of Level IV accredited programs in 2019 | Accrediting Agency of Chartered Colleges and Universities in the Philippines (AACCUP) |
| | | 5 | Outstanding Academic /Research Library | Philippine Association of Academic Research Librarian, Inc. |
| | 2022 | 6 | Certificate of Registration | National Privacy Commission |
| | | 7 | BSU-ON-AIR TELERADYO, Most Development-Orientated AM Station | University of the Philippines Gandingan Awards |
| | | 8 | BSU ON-THE Air Best Agriculture Radio Program | Bright Leaf Agriculture Journalism Awards |
| | | 9 | Silver Award - Students Excellent Performance in Completing Food and Beverage Supervision as a required Micro-Learning Unit | Global Professional Advancement |
| | | 10 | Silver Award – Students Excellent Performance in Completing Rooms Division as a required Micro-Learning Unit | |

| | | | | |
|---|---|---|---|---|
| C. Regional | 2021 | 1 | Best Extension project Benguet State University Internal Guarantee System (BIGS): A Commitment of Enabling Farmers Towards Production of Safe and Nutritious Food | Agricultural Training Institute - CAR |
| | 2022 | 2 | Plaque of Recognition to BSU For Producing Top Board Examinees in the Year 2022 in the Field of: Librarian, Agriculturist and Professional Teacher | Commission of Higher Education (CHED) - CAR |
| | | 3 | Plaque of Recognition to BSU for their Outstanding Performance during the 2022 Nursing Licensure Exam | |
| | | 4 | Plaque of Recognition to BSU for their commitment & invaluable assistance to the implementation of Covid-19 vaccination program ("PADYAK: Para Sa Flexible Learning") vaccination centers, which greatly helped in providing protection for our Cordillerans Against COVID-19 | |
| | 2023 | 5 | Certificate of Accreditation, Beekeeping NC II | Technical Education & Skills Development Authority (TESDA) - CAR |

Table 8. Passing Rate of BSU Licensure Examination

| PROFESSION | BSU Licensure Examination Passing Rate (2017-2023) | | | | | | |
|---|---|---|---|---|---|---|---|
| | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 | 2023 |
| **Agriculturist** | | | | No Licensure Exam due to the COVID-19 pandemic | | | |
| *La Trinidad Campus* | 41.72 | 39.71 | 54.4 | | 44.49 | 54.47 | |
| *Buguias Campus* | 25 | 25 | 50 | | | 66.67 | |
| **Professional Teachers (Elementary)** | | | | | | | |
| *La Trinidad Campus* | 60 | 50.35 | 60.76 | | 87.88 | 86.84 | 84.40 |
| *Bokod Campus* | 40.63 | 33.33 | 47.83 | | 100 | 70 | 100 |
| *Buguias Campus* | 60 | 50.35 | 60.76 | | 87.88 | 88.89 | 88.89 |
| **Professional Teachers (Secondary)** | | | | | | | |
| *La Trinidad Campus* | 64.29 | 68.88 | 60.54 | | 87.34 | 73.45 | 83.45 |
| *Bokod Campus* | 26.09 | 32.20 | 35.48 | | 100 | 52.94 | 83.4 |
| *Buguias Campus* | 30.43 | 33.66 | 22.78 | | | 72.73 | 40.98 |
| **Agricultural Engineers** | 52.08 | 66.67 | 50 | | 39.47 | 26.74 | |
| **Forester** | 44.44 | 59.22 | 59.62 | | 50.79 | 60.53 | |
| **Nursing** | 98.15 | 95.92 | 98.51 | | 100 | 100 | |
| **Nutritionist- Dietitians** | 84.21 | 76.19 | 82.81 | | 60 | 80.30 | |
| **Veterinary Doctors** | 44.07 | 53.45 | 61.67 | | 44.83 | 37.88 | 28.07 |
| **Guidance Counselor** | 100 | 100 | N/A | | N/A | 100 | |
| **Librarians** | 85.71 | 80.36 | 91.18 | | 75 | 71.88 | 91.18 |

Table 9. BSU PRC Licensure Exam Performance

| PROFESSION | BSU PRC Licensure Exam Performance (2017-2022) | | | | | |
|---|---|---|---|---|---|---|
| | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |
| **Agriculturist** | Top 5:<br>Nora Hill Evasco,<br>85% rating | | Top 6:<br>Chelle Charlden Carlos,<br>with 88.33% rating | No Licensure Exam due to the COVID-19 pandemic | Top 4:<br>Alladin Banez,<br>With 85.17% rating | Top 7:<br>Tiffanie Grace Calion Bengeg<br>with 85.33% rating |
| | | | | | Top 5:<br>Rachelle Baterna<br>with 85% rating | |
| **Professional Teacher (Elementary)** | Top 9:<br>Abraham M. Angala,<br>with 86.60% rating | | | | | Top 8:<br>Nathaniel Onnan Latos<br>With 93% rating |
| | Top 10:<br>Beverly Diplat,<br>with 86.40% rating | | | | | |
| **Professional Teacher (Secondary)** | | | | | | |
| **Agricultural Engineers** | Top 2:<br>Rod C. Domanog,<br>with 82.98% rating | Top 3:<br>Dindo B. Agsalong,<br>with 83.97% rating | | | | |
| | | Top 4:<br>Bernalyn M. Alos,<br>with 83.32% rating | | | | |
| **Nursing** | | | | | | **Top 1 Performing School with 100% passing rate** |
| | | | | | | Top 7: |

| PROFESSION | BSU PRC Licensure Exam Performance (2017-2022) | | | | | |
|---|---|---|---|---|---|---|
| | 2017 | 2018 | 2019 | 2020 | 2021 | 2022 |
| | | | | | | Krixanne Gwyneth Martin Colas<br>with 88.80% rating |
| **Nursing** | | | | No Licensure Exam due to the COVID-19 pandemic | | Top 7:<br>Karla Karina Ekwey Dela Cruz<br>with 88.80% rating |
| | | | | | | Top 9:<br>Janille Mangusan Beray<br>with 88.40% rating |
| | | | | | | Top 10:<br>Stefanie Soliba Banawa<br>with 88.20% rating |
| **Veterinary Doctors** | Top 7:<br>Aezel Panayo,<br>with 84.98% rating | | | | | |
| **Librarians** | | Top 9:<br>Arlyn O. Beyang<br>with 87.40% rating | Top 1:<br>Daniel S. Balbin, Jr.<br>with 89.75% rating | | | Top 9:<br>Diana Faith Fernando Dalilis<br>with 85.40% rating |

## G. Demographic Profile

**Enrolment Trends**. From 30 Grade V pupils of the Trinidad Farm School in 1916, student population has ballooned to 12,893 in the first semester of SY 2021-2022. Enrolment trends for the past five (5) years (Figure 3) show a steady increase in student population. Noteworthy that for School Years 2020-2021 and 2021-2022, where CoVID-19 Pandemic took place, an increase in university student population have significantly increase. This was due to the fact that most of the constituents within Benguet and its nearby provinces have opted to transfer their children from private educational institutions to Benguet State University. More so, Republic Act 10931 or otherwise known as the "The Universal Access to Quality Tertiary Education Act" took a major role in the increase of student population in its three (3) campuses. Student population continued to increase since then especially when the University has taken further steps in offering new courses such as B.S. Criminology, B.S. Civil Engineering, B.S. Electrical Engineering, B.S. Industrial and among others. It is noted that student population decreases during the second semester of each school year which is a common trend tertiary schools due to various factors.

Table 10. Semestral Enrollment Trend from year 2019-2023 according to

| | 2019 | | 2020 | | 2021 | | 2022 | | 2023 |
|---|---|---|---|---|---|---|---|---|---|
| | 1st Semester | 2nd Semester | 1st Semester | 2nd Semester | 1st Semester | 2nd Semester | 1st Semester | 2nd Semester | 1st Semester |
| Male | 2329 | 2201 | 2353 | 2131 | 2911 | 2601 | 3849 | 3570 | 4456 |
| Female | 5292 | 4943 | 5655 | 5477 | 7760 | 7257 | 9202 | 8560 | 9969 |
| Total | 7620 | 7144 | 8008 | 7608 | 10671 | 9858 | 13051 | 12130 | 14435 |

Figure 7. Semestral Enrollment Trend from 2019 according to college

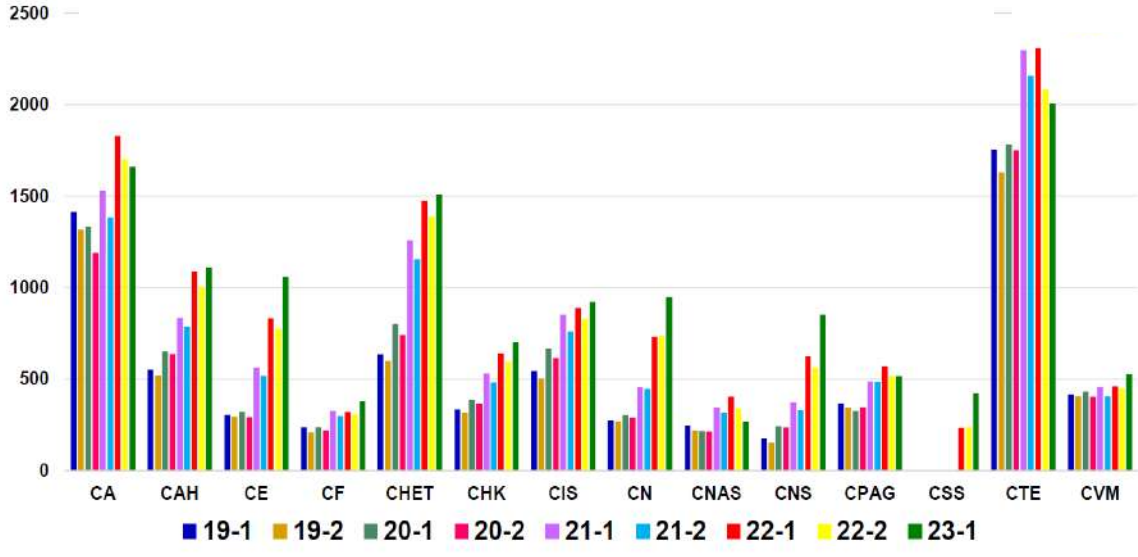


Figure 8. 10-year Projection of Enrollees

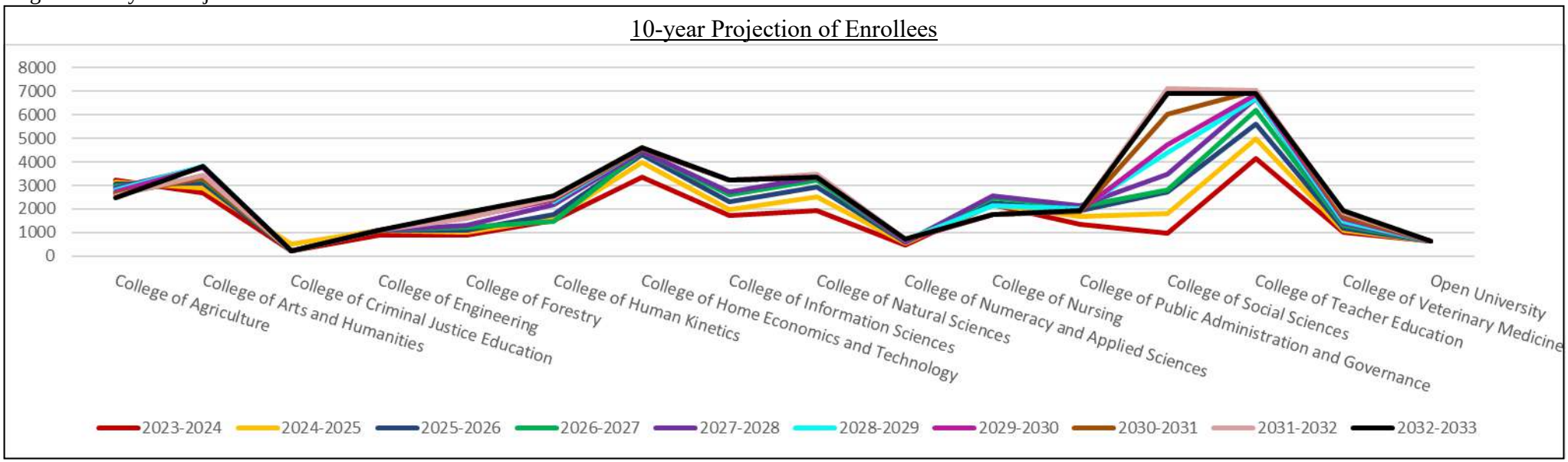



Table 11. 10-year Projection of Enrollees according to sex

| COLLEGE | 2023-2024 | | 2024-2025 | | 2025-2026 | | 2026-2027 | | 2027-2028 | | 2028-2029 | | 2029-2030 | | 2030-2031 | | 2031-2032 | | 2032-2033 | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M |
| College of Agriculture | 1858 | 1365 | 1818 | 1324 | 1776 | 1281 | 1736 | 1239 | 1694 | 1195 | 1654 | 1155 | 1612 | 1111 | 1572 | 1069 | 1531 | 1026 | 1491 | 985 |
| College of Arts and Humanities | 1682 | 1011 | 1707 | 1183 | 1988 | 1105 | 1562 | 1701 | 1889 | 1903 | 1908 | 1885 | 1902 | 1884 | 1670 | 1631 | 1724 | 1722 | 1938 | 1877 |
| College of Criminal Justice Education | 60 | 140 | 60 | 453 | 60 | 140 | 60 | 140 | 60 | 140 | 60 | 140 | 60 | 140 | 60 | 140 | 60 | 140 | 60 | 140 |
| College of Engineering | 460 | 440 | 560 | 540 | 560 | 540 | 560 | 540 | 560 | 540 | 560 | 540 | 560 | 540 | 560 | 540 | 560 | 540 | 560 | 540 |
| College of Forestry | 448 | 448 | 500 | 500 | 540 | 540 | 607 | 607 | 660 | 660 | 697 | 697 | 824 | 824 | 853 | 853 | 806 | 806 | 930 | 929 |
| College of Human Kinetics | 664 | 854 | 763 | 831 | 844 | 929 | 942 | 521 | 1038 | 1129 | 1110 | 1218 | 1135 | 1237 | 1167 | 1260 | 1199 | 1270 | 1248 | 1293 |
| College of Home Economics and Technology | 2736 | 636 | 3102 | 866 | 3274 | 1047 | 3233 | 1187 | 3203 | 1234 | 3290 | 1272 | 3296 | 1270 | 3310 | 1268 | 3334 | 1264 | 3332 | 1262 |
| College of Information Sciences | 968 | 760 | 1075 | 915 | 1312 | 1003 | 1527 | 1088 | 1623 | 1090 | 1925 | 1290 | 1922 | 1303 | 1822 | 1403 | 1822 | 1403 | 1822 | 1403 |
| College of Natural Sciences | 1217 | 728 | 1549 | 974 | 1806 | 1125 | 1994 | 1222 | 2058 | 1300 | 2036 | 1320 | 2074 | 1280 | 2118 | 1242 | 2120 | 1340 | 2122 | 1244 |
| College of Numeracy and Applied Sciences | 278 | 206 | 257 | 299 | 227 | 363 | 231 | 374 | 239 | 371 | 268 | 404 | 275 | 406 | 294 | 428 | 288 | 424 | 356 | 356 |
| College of Nursing | 1740 | 436 | 1756 | 438 | 1804 | 450 | 1984 | 496 | 2048 | 512 | 1728 | 432 | 1408 | 352 | 1408 | 352 | 1408 | 352 | 1408 | 352 |
| College of Public Administration and Governance | 1065 | 298 | 1392 | 285 | 1711 | 236 | 1917 | 172 | 1976 | 145 | 1873 | 143 | 1783 | 140 | 1780 | 128 | 1768 | 148 | 1769 | 144 |
| College of Social Sciences | 717 | 266 | 1237 | 568 | 2030 | 715 | 2067 | 728 | 2531 | 949 | 2969 | 1416 | 3967 | 784 | 4452 | 1568 | 4895 | 2225 | 5883 | 1027 |
| College of Teacher Education | 3436 | 723 | 4067 | 921 | 4535 | 1079 | 4928 | 1254 | 5328 | 1357 | 5203 | 1505 | 5220 | 1632 | 5414 | 1627 | 5309 | 1727 | 5563 | 1358 |
| College of Veterinary Medicine | 751 | 259 | 791 | 299 | 851 | 339 | 911 | 379 | 971 | 419 | 1031 | 459 | 1091 | 499 | 1151 | 539 | 1246 | 594 | 1271 | 649 |
| Open University | 414 | 206 | 414 | 206 | 414 | 206 | 414 | 206 | 414 | 206 | 414 | 206 | 414 | 206 | 414 | 206 | 414 | 206 | 414 | 206 |

Table 12. Number of Enrollees of Bokod Campus

| BOKOD CAMPUS | CY 2018-2019 | | CY 2019-2020 | | CY 2020-2021 | | CY 2021-2022 | | CY 2022-2023 | |
|---|---|---|---|---|---|---|---|---|---|---|
| College of Appied Technology (CAT) | Male | Female | Male | Female | Male | Female | Male | Female | Male | Female |
| **BIT** | | | **29** | **22** | **48** | **45** | | | | |
| **BSIT** | **70** | **64** | **37** | **35** | **16** | **7** | **41** | **38** | **19** | **15** |
| College of Business Administration and Management (CBAM) | | | | | | | | | | |
| **BS ENTREP** | | | | | | | **9** | **18** | **13** | **13** |
| **BPA** | | | | | | | | | **4** | **13** |
| College of Education (CED) | | | | | | | | | | |
| **BCAE** | | | | | | | **13** | **26** | **9** | **25** |
| **BEE** | **18** | **63** | **9** | **18** | **6** | **1** | **7** | **39** | **6** | **60** |
| **BSE** | | | | | | | | | **23** | **77** |
| **BTLED** | **0** | **4** | **7** | **25** | **12** | **91** | **37** | **115** | **45** | **107** |
| **BTVTED** | **32** | **21** | **38** | **42** | **48** | **55** | **42** | **57** | **41** | **46** |
| **Prof Ed** | | | **0** | **5** | | | | | | |
| College Criminal Justice Education (CCJE) | | | | | | | | | | |
| **BS CRIM** | | | | | | | | | **115** | **34** |
| **Extension Programs - Kabayan section** | | | | | | | | | | |
| **BSE** | | | | | | | | | **8** | **15** |
| **BS CRIM** | | | | | | | | | **57** | **7** |

Table 13. Number of Enrollees of Buguias Campus

| DEGREE PROGRAMS | SY 2019-2020 | | SY 2020-2021 | | SY 2021-2022 | | SY 2022-2023 | | SY 2023-2024 | |
|---|---|---|---|---|---|---|---|---|---|---|
| | 1st Sem | 2nd Sem | 1st Sem | 2nd Sem | 1st Sem | 2nd Sem | 1st Sem | 2nd Sem | 1st Sem | 2nd Sem |
| **Bachelor of Science in Agricultural Technology (BAT)** | | | | | | | | | | |
| Horticulture (Crop Science) | 23 | 23 | 31 | 25 | 41 | 30 | 22 | 23 | 45 | |
| Animal Science | 4 | 4 | 5 | 5 | 9 | 11 | 11 | 9 | 18 | |
| **Bachelor of Technical-Vocational Teacher Education** | | | | | | | | | | |
| Animal Production | | | | | | | 4 | 4 | 5 | |
| Agricultural Crop Production | | | | | | | 17 | 13 | 11 | |
| Agriculture | 5 | 7 | 12 | 10 | 11 | 10 | 3 | 4 | | |
| FSM | 53 | 52 | 38 | 31 | 57 | 45 | 46 | 38 | 46 | |
| Auto Tech | 28 | 27 | 24 | 15 | 23 | 18 | 45 | 44 | 46 | |
| GFD | 6 | 4 | 6 | 6 | 11 | 8 | 17 | 14 | 18 | |
| Elec Tech | 9 | 9 | 9 | 5 | 11 | 10 | 12 | 13 | 19 | |
| Civil and Construction Technology | 5 | 5 | 5 | 5 | 8 | 6 | 6 | 6 | 16 | |
| **Bachelor of Secondary Education** | | | | | | | | | | |
| Social Studies | 9 | 6 | 20 | 17 | 36 | 29 | 45 | 44 | 54 | |
| Filipino | 37 | 33 | 41 | 42 | 85 | 67 | 83 | 67 | 90 | |
| Mathematics | 18 | 15 | 24 | 19 | 27 | 23 | 27 | 24 | 37 | |
| Bachelor in Physical Education | 33 | 31 | 51 | 44 | 86 | 67 | 72 | 66 | 100 | |
| Bachelor of Science in Criminology | | | | | 118 | 87 | 585 | 531 | 761 | |
| Bachelor of Elementary Education | 45 | 44 | 38 | 23 | 65 | 58 | 47 | 45 | 56 | |
| Prof. Education Course (18units) | 18 | 1 | 23 | 5 | 38 | 1 | 27 | 2 | 1 | |
| Master in Public Administration | | | | | | | | | 13 | |
| **Master of Arts in Education** | | | | | | | | | | |
| Educational Administration and | | | | | | | | | 65 | |
| **Doctor of Philosophy in Education** | | | | | | | | | | |
| Education Management | | | | | | | | | 4 | |

**Faculty and staff trends**. BSU has a total workforce of 1,361 employees as of December 31, 2022. The breakdown of such according to the status of employment is shown in Table 7. Accordingly, non-teaching positions dominate the number of workforces in the University which provides managerial, supervisory and clerical assistance in the daily operations of the University.

Table 14. Sex Distribution of Employees by Age, and by Campus

| Age Bracket | La Trinidad | | Bokod | | Buguias | | GRAND TOTAL | | |
|---|---|---|---|---|---|---|---|---|---|
| | Male | Female | Male | Female | Male | Female | Male | Female | Total |
| 19 and below | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 20-29 | 21 | 59 | 2 | 0 | 1 | 2 | 24 | 61 | 85 |
| 30-39 | 83 | 100 | 3 | 7 | 10 | 11 | 96 | 118 | 214 |
| 40-49 | 84 | 130 | 7 | 4 | 10 | 9 | 101 | 143 | 244 |
| 50-59 | 60 | 63 | 3 | 4 | 5 | 3 | 68 | 70 | 138 |
| 60 and above | 33 | 33 | 1 | 2 | 4 | 3 | 38 | 38 | 76 |
| **Total** | **281** | **385** | **16** | **17** | **30** | **28** | **327** | **430** | **757** |

The number of regular employees changed erratically over the last five (5) years. Decreases or increases within categories are attributed to the non-filling up of positions after the retirement of a number of employees; the reversion of positions from academic to research; the regularization of contractual positions; and, the reversion of status from temporary to contractual for faculty members who failed to meet minimum requirements within a given period. Moreover, the subsequent National Budget Circular (NBC) No. 589 or otherwise known as the "Revised Organization and Staffing Standards (OSS) for State, Colleges and Universities – Phase I" issued by the Department of Budget and Management (DBM) on May 25, 2022, dictates the increase or decrease of University employees in the coming years. Nonetheless, the projected increase/decrease faculty and staff population in the next ten (10) years is demonstrated in figure 11.

Table 15. Total Distribution of Employees according to sex

| Age Bracket | Male | Female | TOTAL |
|---|---|---|---|
| 19 and below | 0 | 0 | 0 |
| 20-29 | 24 | 61 | 85 |
| 30-39 | 96 | 118 | 214 |
| 40-49 | 101 | 143 | 244 |
| 50-59 | 68 | 70 | 138 |
| 60 and above | 38 | 38 | 76 |
| **TOTAL** | **327** | **430** | **757** |

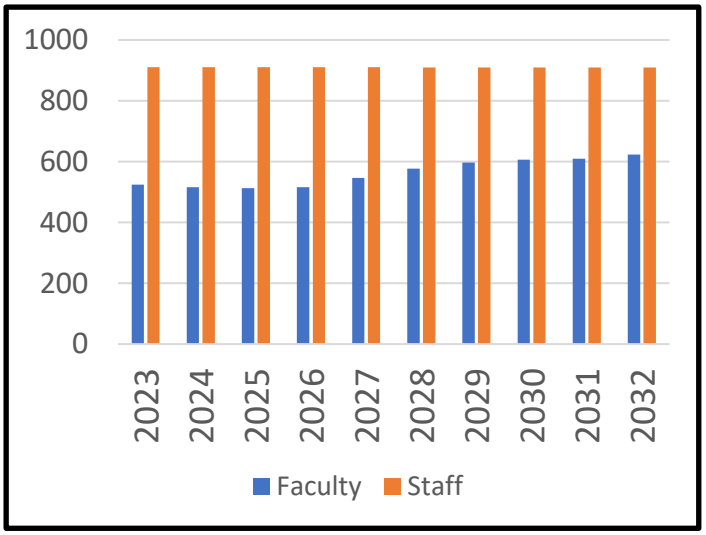



Figure 10. 10-year Projected number of Employees

Table 16. Projected BSU Employees for Ten Years

| Year | Faculty | Staff | Total |
|---|---|---|---|
| **2023** | 524 | 911 | 1435 |
| **2024** | 516 | 911 | 1427 |
| **2025** | 513 | 911 | 1424 |
| **2026** | 516 | 911 | 1427 |
| **2027** | 546 | 911 | 1457 |
| **2028** | 577 | 910 | 1487 |
| **2029** | 597 | 909 | 1506 |
| **2030** | 606 | 909 | 1515 |
| **2031** | 610 | 909 | 1519 |
| **2032** | 623 | 909 | 1532 |

**Housing Demographics**

Housing for employees is classified into two (2) categories, BSU built cottages and Employee built cottages. The selection of whom are to occupy are based on the BSU-BOR Approved Housing Policy including terms and regulations to be observed while occupying the same.

Accordingly, the BSU Housing Policy (with BOR Approval No. 2610, Series of 2017) provides that the housing units are for faculty and staff occupying plantilla positions. It is a mere privilege and is only granted for the convenience of the University and its clients. But in no case shall be understood as an additional compensation for the faculty and staff. Moreover, the building of additional units aside from the existing housing units shall not be allowed on any lot within the campus unless duly set aside for the purpose by the Board of Regents.

Table 17. Shows the number of cottages that are existing and utilized in the La Trinidad Campus and Buguias Campus.

| **HOUSING CLASSIFICATION** | LA TRINIDAD CAMPUS (MAIN) | BUGUIAS CAMPUS |
|---|---|---|
| BSU Built | 67 | 10 |
| Employee Built | 107 | 16 |

**Student Dormitories**

All BSU Campuses have student dormitories built thereat serving both male and female students. However, there are also dormitories for students taking up graduate studies which is located at the La Trinidad Campus (Main).

Table 18. Shows the capacity of dormitory buildings that were constructed in each campus.

| BUILDING | CAPACITY | | NO. OF ROOMS |
|---|---|---|---|
| | Male | Female | |
| Men's Dorm | 55 | - | 16 |
| Ladies Dorm | - | 95 | 21 |
| Ladies Dorm Annex | - | 28 | 10 |
| Graduate School Dorm | 10 | 10 | 8 |
| College Dorm | 19 | 19 | 20 |
| Buguias Campus Dorm | 26 | 26 | 12 |
| Bokod Campus Dorm | 26 | 26 | 12 |

## C. University Accommodations and Lodging Services

As one of its resources for income generation, the University provide homestays not only for its visitors but also for the public who are temporarily visiting the Province of Benguet. Rate of rooms on a daily basis is more affordable with the needed amenities that fulfills a day or night stay.

Table 19. Shows the capacity of Guest Houses and other University Accommodations that were constructed in each campus.

| Building | Type of Room | Number of Rooms | Capacity per Room (Max) | Amenities |
|---|---|---|---|---|
| Gladiola Center – La Trinidad Campus | Matrimonial | 3 | 2 | Hot and Cold Shower in each Room; Two (2) Function Halls |
| | Twin Sharing | 5 | 2 | |
| | Triple Sharing | 9 | 3 | |
| | Dormitory Type | 1 | 8 | |
| University Guestel 1 – La Trinidad Campus | | | | Hot and Cold Shower in each Room |
| University Guestel 2 – La Trinidad Campus | Triple Sharing | 3 | 3 | |
| | Family Room | 3 | 5 | |
| | Dormitory Type | 1 | 6 | |
| Executive Guest House – La Trinidad Campus | Twin Sharing | 3 | 2 | |
| | Triple Sharing | 2 | 3 | |
| | Family Room | 1 | 4 | |
| University Guestel – Bokod Campus | Dormitory Type | 4 | 8 | |
| University Guestel – Buguias Campus | Dormitory Type | 1 | 8 | |

## II. DETAILED DESCRIPTION

**BSU landholdings.** Figure 12 shows the location of all 40 lots of the BSU La Trinidad Campus (Main). Eighteen of these are on the valley floor and the rest are on the mountain ranges surrounding the valley. These lots have a total land area of 660.3787 hectares

**Legal bases of landholdings.** Table 13 indicates that the acquisition of landholdings of the university began even before its establishment in 1916. Executive Order No. 79 issued on September 10, 1903, set aside parcels of land intended as experiment station and stock farm for the Bureau of Agriculture in La Trinidad, Benguet with a total area of 14.4590 hectares. Furthermore, Executive Order No. 99 issued on November 11, 1914 expanded the area with the addition of 372.1247 hectares. While documents indicating the exact area turned over by the Bureau of Agriculture have yet to be found, it is assumed that more or less, 386.5837 hectares were turned over to the Bureau of Education which then turned them over to the Trinidad Farm School established in June 1916.

These were followed by a series of executive orders and proclamations that have added up or reduced the land holdings of the university, all located in La Trinidad, Benguet. The largest reduction was by virtue of Proclamation No. 209 issued on October 20, 1955 which diminished the land holding by 891 hectares awarded to claimants under the Public Land Act.

Table 12 shows the distribution of landholdings according to location. As of December 31, 2022, about 36.44% of the total area is found in Wangal. The La Trinidad campus hub, referring to the center of activities in the institution, occupies 9.20% of the total land area.

| Table 20. Distribution of landholdings according to location (as of December 31, 2022) | | |
|---|---|---|
| **LOCATION** | **AREA (in hectares)** | **PERCENTAGE** |
| Alno | 2.921551 | 0.442 |
| Alapang | 26.06116 | 3.946 |
| Balili | 60.75849 | 9.201 |
| Betag | 51.75599 | 7.837 |
| Bineng | 37.62819 | 5.698 |
| Lubas | 25.36663 | 3.841 |
| Pico | 0.175686 | 0.027 |
| Poblacion | 5.744015 | 0.870 |
| Puguis | 134.515 | 20.370 |
| Tawang | 56.32073 | 8.529 |
| Wangal | 240.6118 | 36.436 |
| | | |
| La Trinidad Campus (Main) | 641.8592 | 97.197 |
| Bokod Campus | 7.5385 | 1.142 |
| Buguias Campus | 10.9809 | 1.663 |
| | | |
| **TOTAL** | **660.3787** | **100.00** |

The estimated cumulative area for the landholdings of BSU is 660.3787 hectares after the series of addition to and subtraction from the area. This figure is understandably lesser than the actual area because there were no data available. Hence, their respective contributions to the total land area were not included.

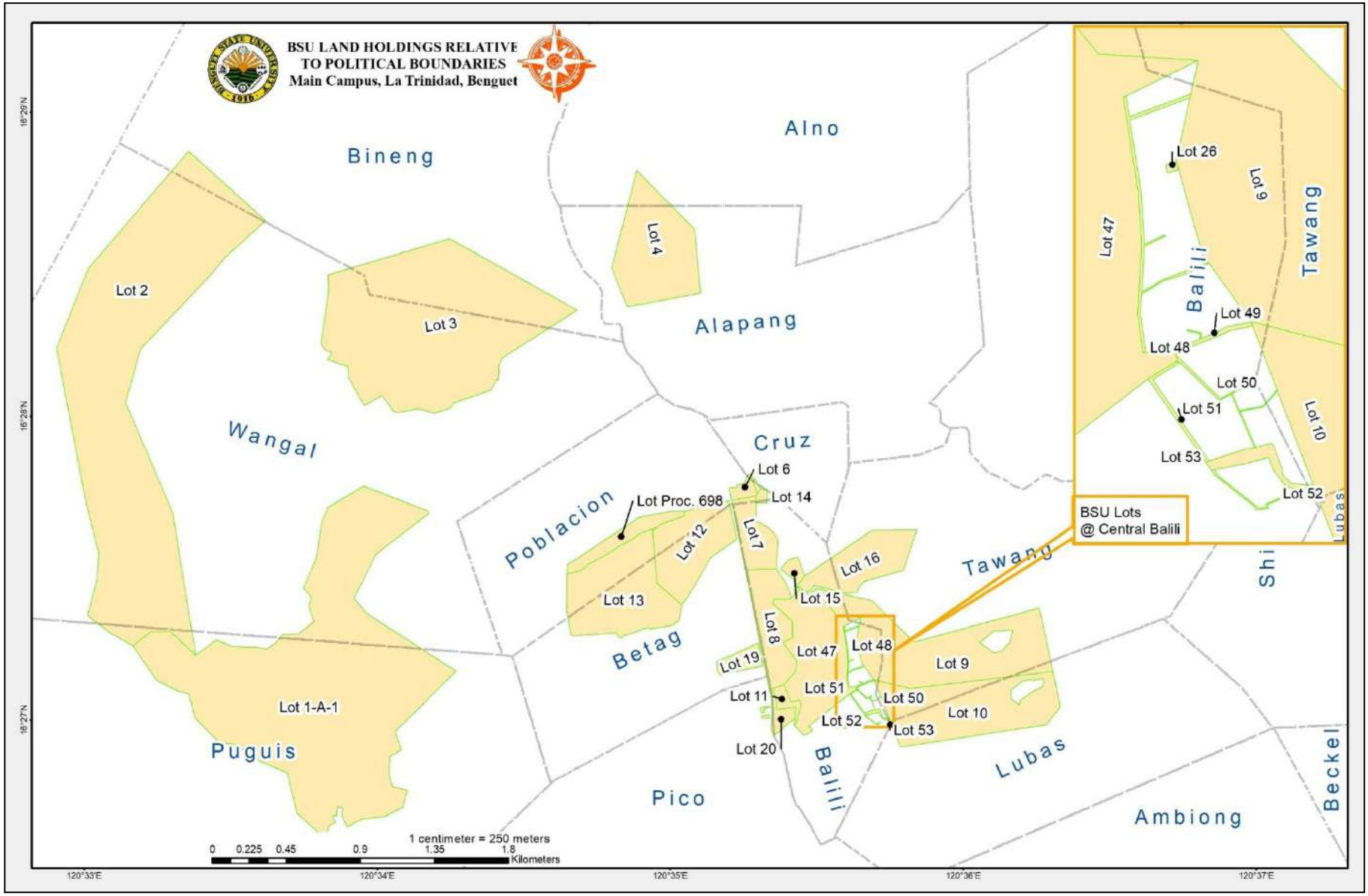



Figure 11. BSU La Trinidad Campus (Main) Land Holdings.

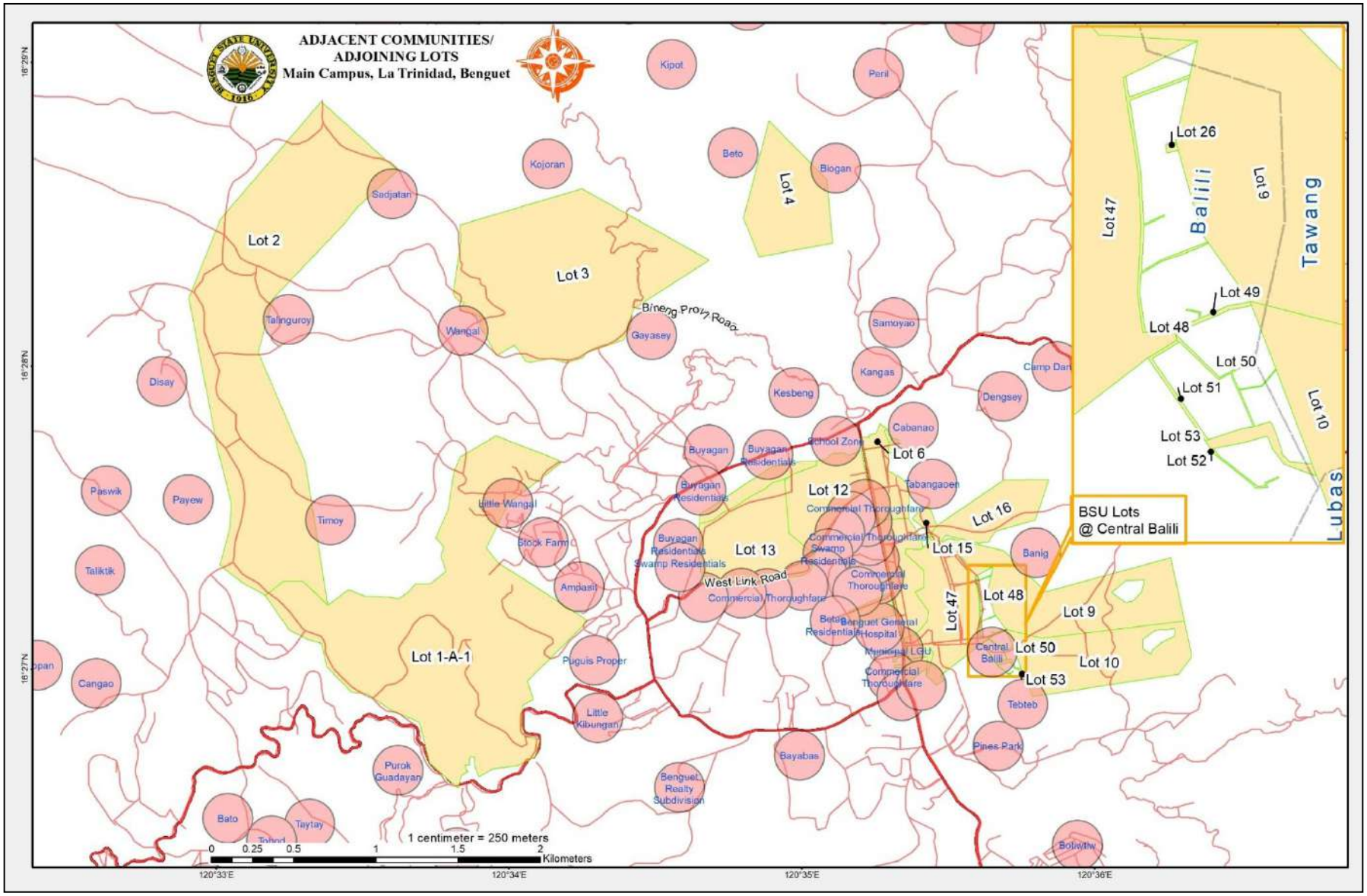
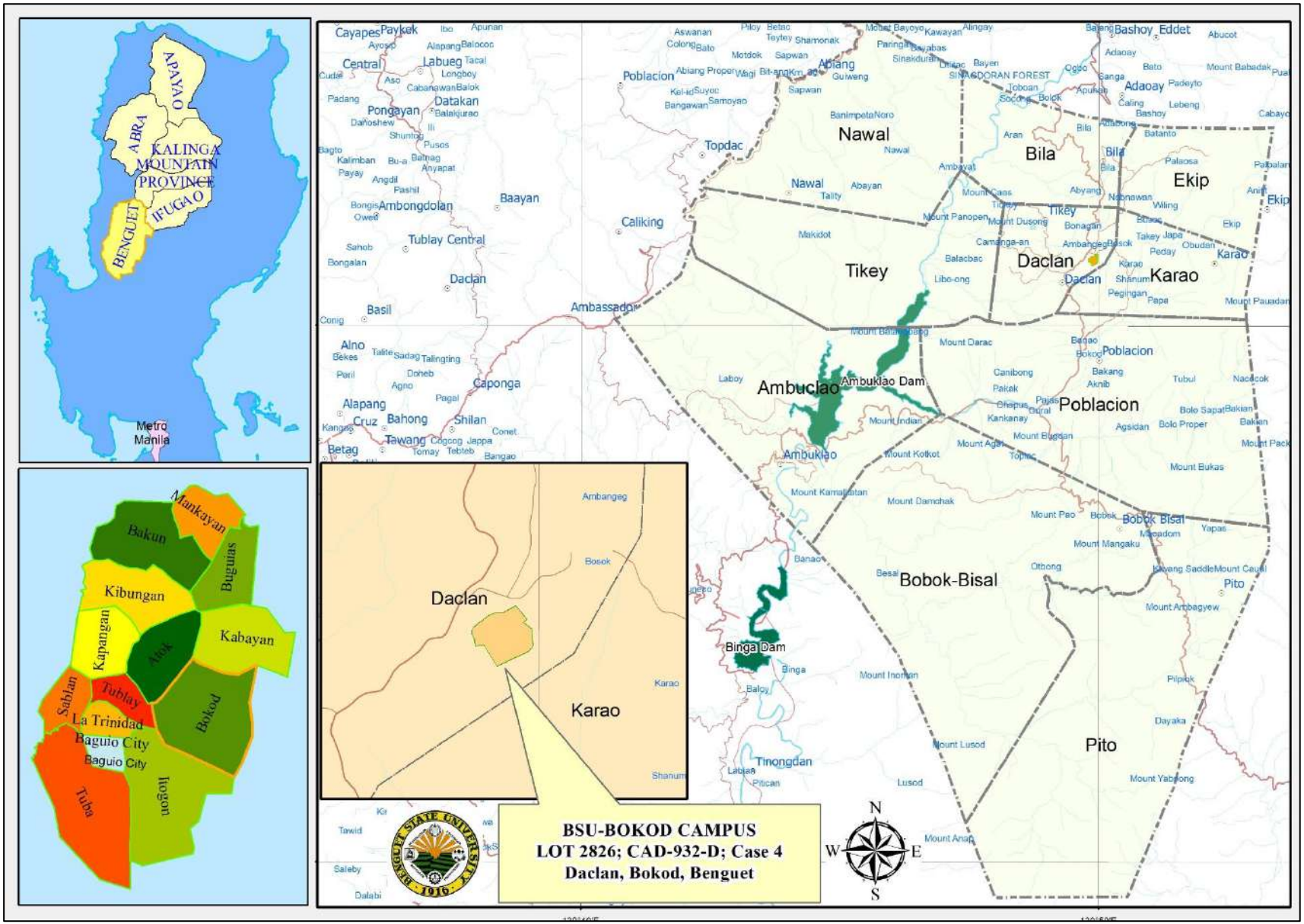



Figure 12. La Trinidad Campus (Main) with adjacent communities.


APAYAO
ABRA
KALINGA MOUNTAIN PROVINCE
IFUGAO
BENGUET
Metro Manila
Mankayan
Bakun
Buguias
Kibungan
Kapangan
Atok
Kabayan
Sablan
Tublay
La Trinidad
Baguio City
Baguio City
Bokod
Tuba
Itogon
Daclan
Karao
Ambangeg
Bosok
Shanum
BSU-BOKOD CAMPUS
LOT 2826; CAD-932-D; Case 4
Daclan, Bokod, Benguet
N
W
E
S
Nawal
Bila
Ekip
Tikey
Daclan
Karao
Poblacion
Ambuclao
Ambuklao Dam
Bobok-Bisal
Binga Dam
Pito
Tinongdan
Topdac
Caliking
Baayan
Ambongdolan
Tublay Central
Basil
Alno
Caponga
Alapang
Bahong
Shilan
Tawang
Betag
Ambassador
Abiang
Gulweng
Poblacion
Pongayan
Datakan
Central
Labueg
Cayapes
Paykek
Adaoay
Bashoy
Eddet
Mount Babadak
Mount Darac
Mount Indian
Mount Kotkot
Mount Kamalatan
Mount Damchak
Mount Pao
Mount Mangaku
Mount Bukas
Mount Agar
Mount Bagdan
Mount Inonan
Mount Lusod
Mount Yabbong
Mount Anap
Mount Pauadan
Mount Pack
Mount Caual
Mount Artbagyew
Pilpilok
Dayaka
Agsidan
Bolo Proper
Bolo Sapat
Bakian
Nacacok
Tubul
Aknib
Bakang
Canibong
Pakak
Kankanay
Othong
Yapas
Mapadom
Kayang Saddle
Lusod
Pitican
Labuan
Balay
Binga
Tawid
Saleby
Dalabi
Pugo
Gaswiling
Chapus
Ampayat
Abiang
Nawal
Tikey
Daclan
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Bila
Ekip
Poblacion
Bobok-Bisal
Pito
Tinongdan
Binga Dam
Ambuklao
Ambuklao Dam

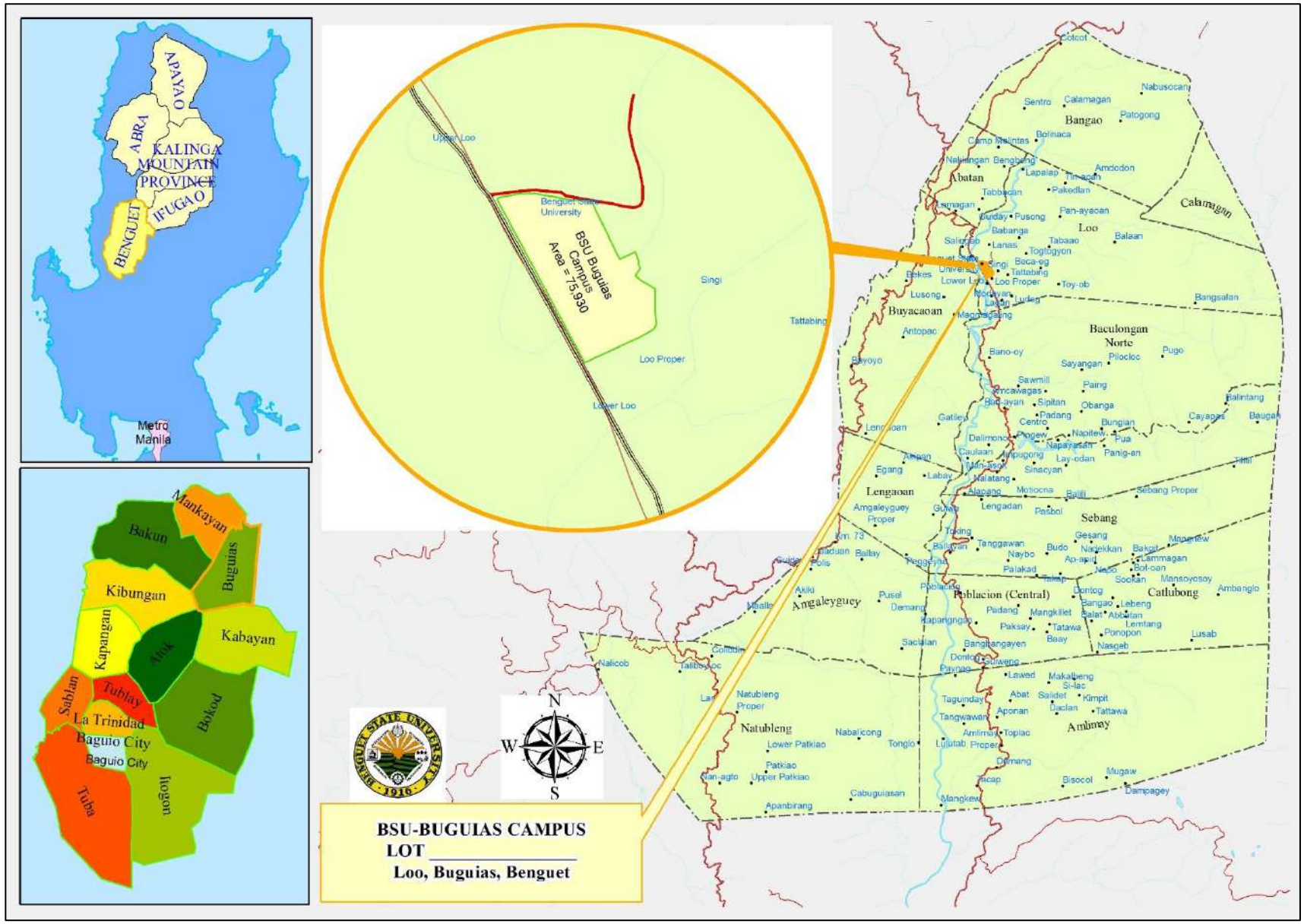



Figure 14. BSU Buguias Campus Land Holdings.

Table 21. Legal bases for BSU La Trinidad Campus (Main) landholdings

| Document | Date | Area | Remarks | Survey |
|---|---|---|---|---|
| Executive Order 79 | September 10, 1903 | 14.459 | Set aside as an Agricultural Station all the Government land in the town of Trinidad | II-6646 |
| Executive Order 99 | November 11, 1914 | 372.1247 | Reserved for the use of the Bureau of Agriculture as experiment station and stock farm | In-66 |
| Executive Order 26 | July 19, 1918 | 74.0461 | Reserve for school purposes | SWO-4240 |
| Executive Order 64 | September 5, 1919 | 15.1876 | Reserve for agricultural school purposes | II-12436 |
| Proclamation 39 | October 9, 1920 | 520.5966 | Reserve for agricultural school purposes | |
| Proclamation No. 1 | January 10, 1925 | 2.2661 | Reserve for school purposes | MR-113 |
| Proclamation 102 | August 13, 1927 | 555.5514 | Reserved for the extension of La Trinidad farm school | PR-113 |
| Proclamation 698 | June 23, 1934 | 60.772 | Reserved for school purposes under the Director of Education. **Amended EO26 | SWO-4240 Amd. |
| Proclamation No. 803 | May 11, 1935 | 8.6607 | Excluding from the operation of Proclamation No. 102 the parcel of land described as Lot 15. | PR-113 |
| Proclamation No. 157 | June 14, 1937 | 7.9959 | Excluding from the operation of Proclamation No. 39 and reserving for Military purposes | Lot No. 1, Ir-330 Amd. |
| Proclamation No. 398 | April 14, 1939 | 2.8786 | Excluding from the operation of Proclamation No. 102 the parcel of land described as sub-lots 9 and 10. | PR-113 |
| Proclamation No. 468 | October 18, 1939 | 4.664 | Excluding from the operation of Proclamation No. 102 the parcel of land described as Lot No. 14 | PR-113 |
| | June 28, 1940 | 1,696.71 | Consolidated area of School Site, T.A.H.S., Site Card No. III | |
| PRE WORLD WAR II | | | | |
| Proclamation No. 209 | October 20, 1955 | 891 | PROCLAMATION 209_Excluding from Proc. 99, 64, 39, 102 and 698 | |
| | | 875.8124 | Remaining from Proclamation 209 (EO 64 dated September 5, 1919 is excluded) | |
| NR-127 Survey | 1957 | 509.4432 | Undertaken to amend Proc. 209 (Survey for MSAC) | NR-127, July 11-22, 1956, March 5-August 20, 1957 |
| GSS-157 | 1957 | | Not approved- (Survey for the community) | |
| SWO Survey-Request to the Director, Bureau of Lands | 22-May-72 | 653.828 | Requesting for a survey team to delimit the tracts of lands retained following the amendment of Executive Orders/Proclamations by the operation of Proclamation No. 209 dated October 20, 1955 | SWO-01-02-00001, Sheet 1-3, SWO-01-02-00002, SWO-01-02-00003, Sheet 1-5 |
| Deed of Donation | October 26, 1976 | 3.2529 | For Benguet General Hospital | Lot 2, Consolidation-subdivision plan (LRC) Pcs-21375 |

| | | | | |
|---|---|---|---|---|
| Presidential Decree No. 1107 | March 21, 1977 | 1.0489 | Relocation site for the establishment of Root Crops Center | SWO-1-000877 |
| Deed of Transfer | February 14, 1996 | | BSU to DAR-Relocation site @ Longlong, Puguis | |
| Letter of Instruction 758 | October 28, 1978 | 6.7848 | Segregated from OCT No. 23 | |
| Memorandum of Agreement between MSAC and Province of Benguet | July 27, 1979 | 39.6627 | The Province of Benguet to turn over 6 titles to the University in exchange for Lot 1-B, Swo-1-000288 | |
| Proclamation No. 2086 | May 18, 1981 | 54.0421 | Excluding from the operation of Proclamation No. 209 for the Benguet Province | Lot 1-B, SWO-1-000288 **Based on plotting from EO 99 |
| Deed of Donation | August 25, 1981 | 37.7484 | Donation of TCT No. 11151, TCT No. 13487, TCT No. 179, TCT No. 374, OCT No. 23 | |
| Letter of Instruction 1275 | October 27, 1982 | 7.2454 | Segregated 7.2454ha. from TCT16374 and TCT16376 for the occupant-tillers | |
| CA-G.R. CV No. 4487 | July 16, 2001 | 33.776 | MSAC vs Magdalena Shagol et. Al. | |
| Proclamation No. 637 | May 21, 2004 | 13.2509 | Excluding from the operation of Executive Order No. 99 an area of 13.2509ha. for BSU faculty and staff housing. | Lot 1-A-B, SWO-000792 Amd. |
| Proclamation 2098 | June 22, 2010 | 1.613 | Excluding from the operations of Proclamation No. 39 portion of land for relocation site purposes of the victims of Typhoon Pepeng | SGS-CAR-000238 |
| | | 1.7433 | | SGS-CAR-000237 |
| Memorandum of Understanding between the Province of Benguet and Benguet State University | October 29, 2010 | 0.2291 | Subdivision of lot 4, Pcs-21375. Lot 4C and 4D retained for BSU-0.1758ha. Lot 4B for the Province of Benguet. | Psd-CAR-019316 |
| **BSU LA TRINIDAD CAMPUS** | February 14, 2023 | **641.8592** | BSU Land holdings (Existing Land use) | *+lot 47, block 3 from LOI1275, +PSU in the name of R. Apolonio |

Table 22. Legal bases for BSU Bokod Campus landholdings

| Document | Date | Area | Remarks | Survey |
|---|---|---|---|---|
| Proclamation No. 473 | 18-Sep-03 | 8.6323 | Reserving for school site purposes of the Benguet School of Arts and Trades | Lot 2826, CAD-932-D, CASE-4, November 15, 1989 |
| CHED Memorandum Order No. 18, s. of 1999 | | | Integration of Benguet School of Arts and Trades (BSAT) | |
| MOA between BSU and DepEd-CAR | | 1.0938 | Phase out of Non-Laboratory High School at BSU Buguias Campus. Transfer of lot areas to DepEd. | |
| **BSU BOKOD CAMPUS** | | **7.5385** | | |

Table 23. Legal bases for BSU Buguias Campus landholdings

| Document | Date | Area | Remarks | Survey |
|---|---|---|---|---|
| Proclamation No. 435 | January 23, 1932 | 30.6487 | Reserve for school purposes | SWO-12484 |
| Proclamation No. 620 | September 11, 1959 | 1.625 | Excluding from the operation of Proclamation No. 435 for disposition under the provisions of the Public Land Act. | Lot No. 5, SWO-12484 |
| Proclamation No. 51 | July 14, 1966 | 5.0803 | Excluding from the operation of Proclamation No. 435 for Municipal Site purposes. | |
| Proclamation No. 901 | May 8, 1992 | 10.8093 | Amending Proclamation No. 435 by excluding a portion of the land for disposition under the Public Land Act. | Portion of Lot No. 3, SWO-12484 |
| CHED Memorandum Order No. 27, s. of 2000 | | | Integration of Buguias-Loo Polytechnic College | |
| MOA between BSU and DepEd-CAR | | 1.9577 | Phase out of Non-Laboratory High School at BSU Buguias Campus. Transfer of lot areas to DepEd. | |
| | | 11.1764 | | |
| **BSU BUGUIAS CAMPUS** | | **10.9809** | | |

Legend

| | |
|---|---|
| | Proof of ownership |
| | Reduction/Segregation |
| | Data on consolidated landoldings |
| | Surveys conducted |
| | Pre-world war II |

Tables 13, 14, and 15 summarizes the legal bases for the school reservations of all BSU campuses. Following are excerpts from a document prepared by the Legal Affairs Office in 1998.

*In Republic Act No. 5923 of June 21, 1969, converting the Mountain Agricultural College into the Mountain State Agricultural College, a pertinent provision reads:*

*xxx*
*Section 16. The present faculty as well as the present buildings, equipment and facilities, and other properties, real and personal, shall be absorbed by the new college. xxx*

*It can be gleaned that BSU was under the Department of Education, Culture and Sports (DECS) until its elevation as a chartered institution by virtue of Republic Act 5923. With the passage of RA 5923, MSAC became a public educational corporation holding properties, real or personal, under its name. It then became the owner of all school properties under its care, administration and supervision, whether real or personal, when it became a corporate body as a chartered state college.*

*By reason of law (RA 5923 and PD 2010) and of history, BSU is the sole and legitimate owner of the parcels of land now under its stewardship as a school reservation. For this reason, the said parcels of land are booked up as university property and projected on the map as part of the university reservation* (excerpts end here).

As of December 31, 2022, BSU La Trinidad Campus landholdings was estimated to be more or less 660.3787 hectares. The decrease of several hectares for the past decade was due to several factors that the University had no control of, such as: (1) court decisions or rulings favoring the claimants; (2) laws, executive issuances and other lawful orders directing the University to convey some of its land reserves for social and economic programs of the local and national government; and, (3) other relevant agreements. Instances for such are the following:

1. Court of Appeals ruling in the *Shagol Case* wherein the University had been ordered to return approximately 33.7760 hectares of land to the claimant located at Wangal, La Trinidad, Benguet. However, with the absence of the finality and execution of the decision, the University still uphold the total area of more or less 33.7760 hectares in its records;

2. Issuance of *Proclamation 209* dated June 22, 2010 wherein portion of University landholdings in Banig, Tawang, La Trinidad, Benguet had been released with an area of more or less 3.3563 hectares which will be used as relocation site for displaced families during the onslaught of typhoon Pepeng/Ondoy in 2009.

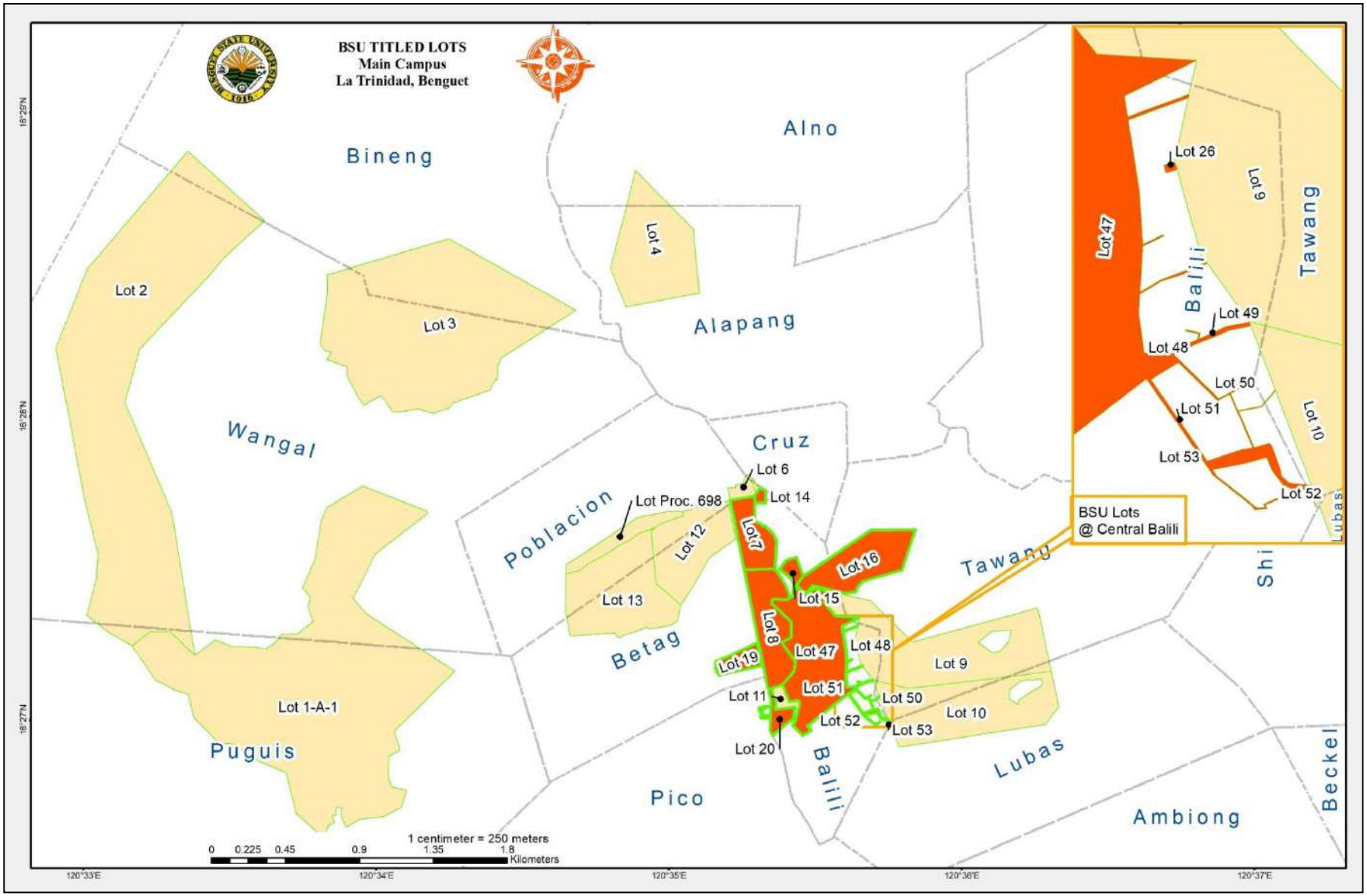



Figure 15. Map of BSU La Trinidad Campus (Main) – Titled lots

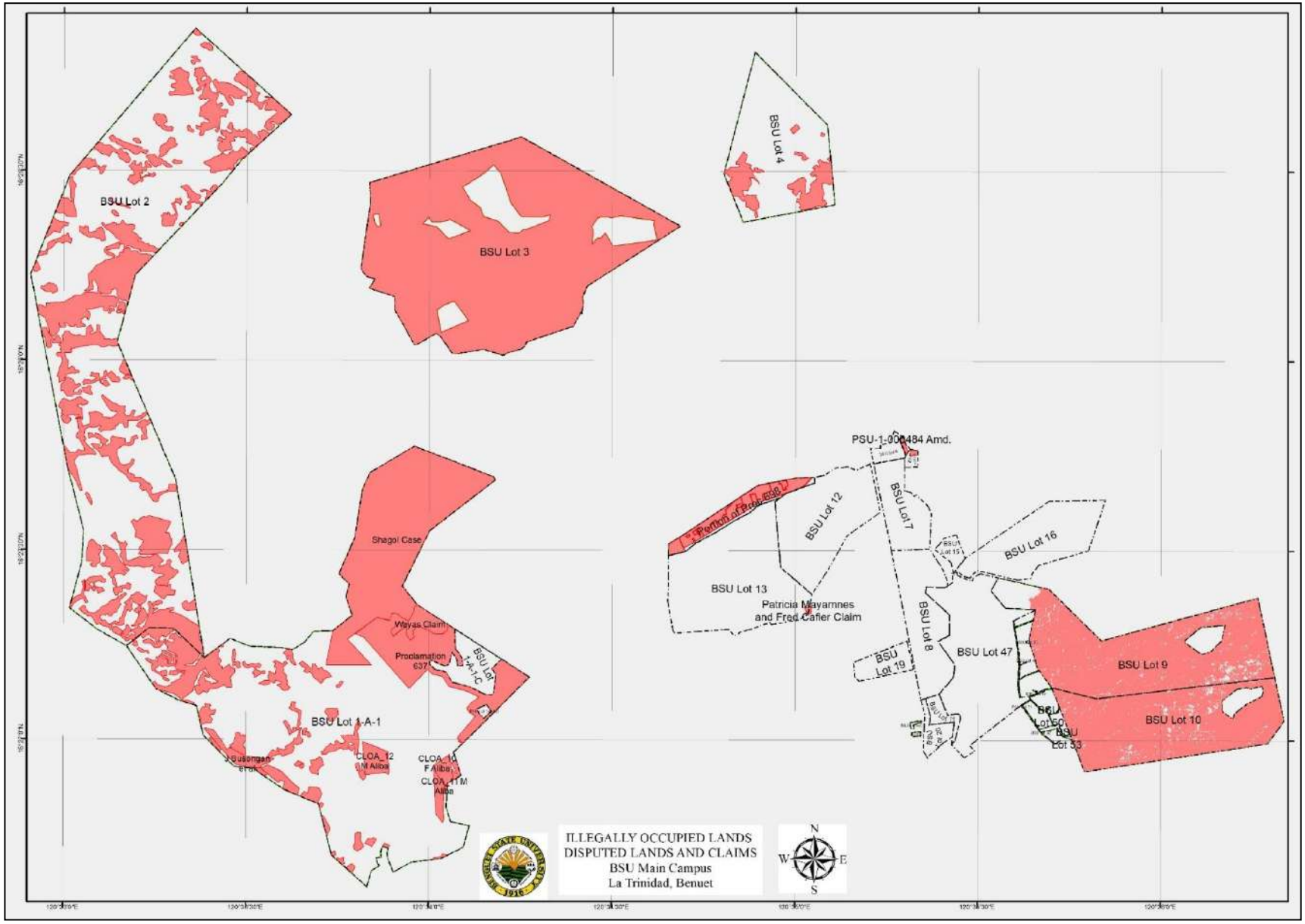



Figure 16. BSU La Trinidad Campus (Main) – Contested areas.

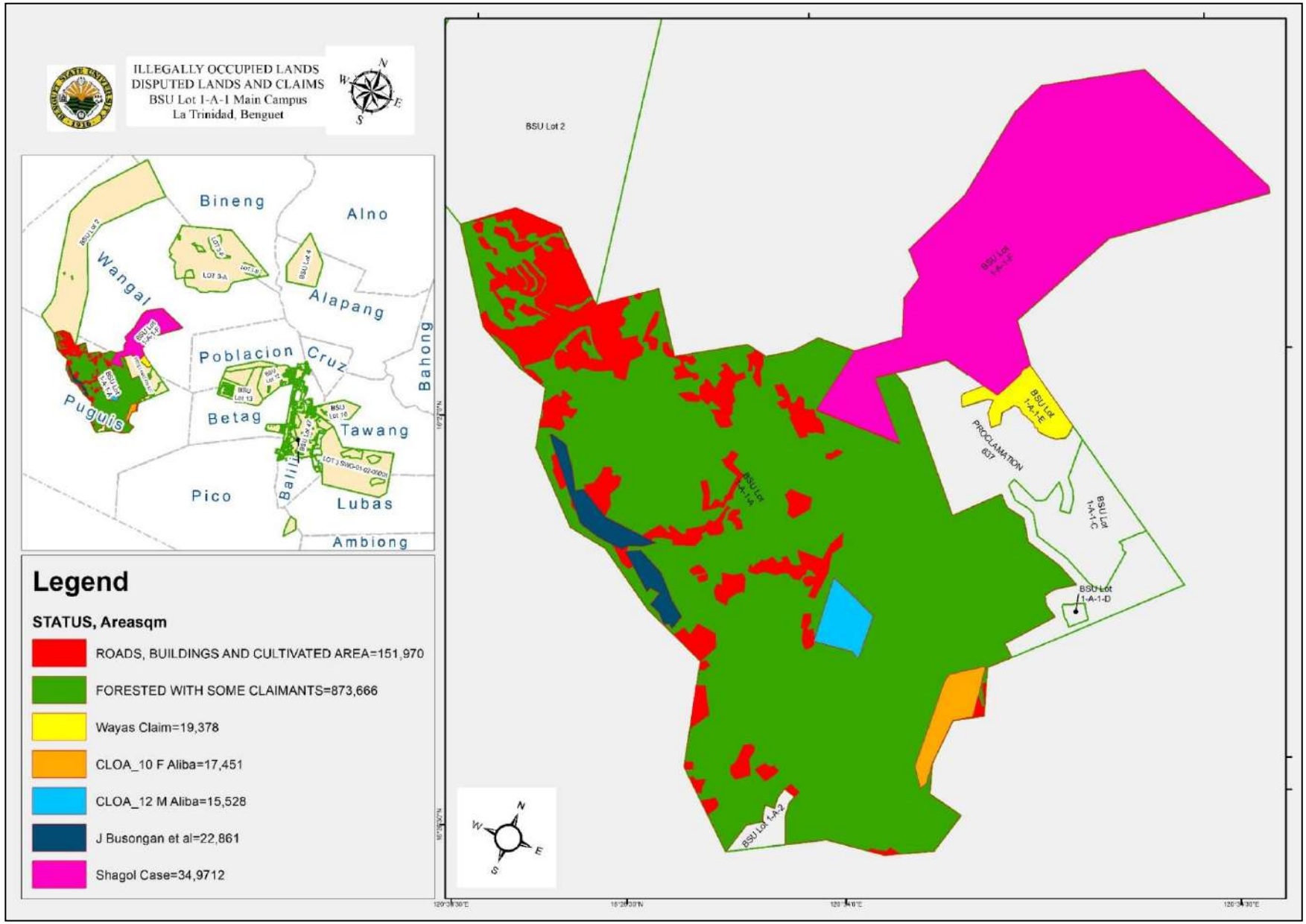



Figure 17. BSU Lot 1-A-1 La Trinidad Campus (Main), Illegally Occupied Lands.

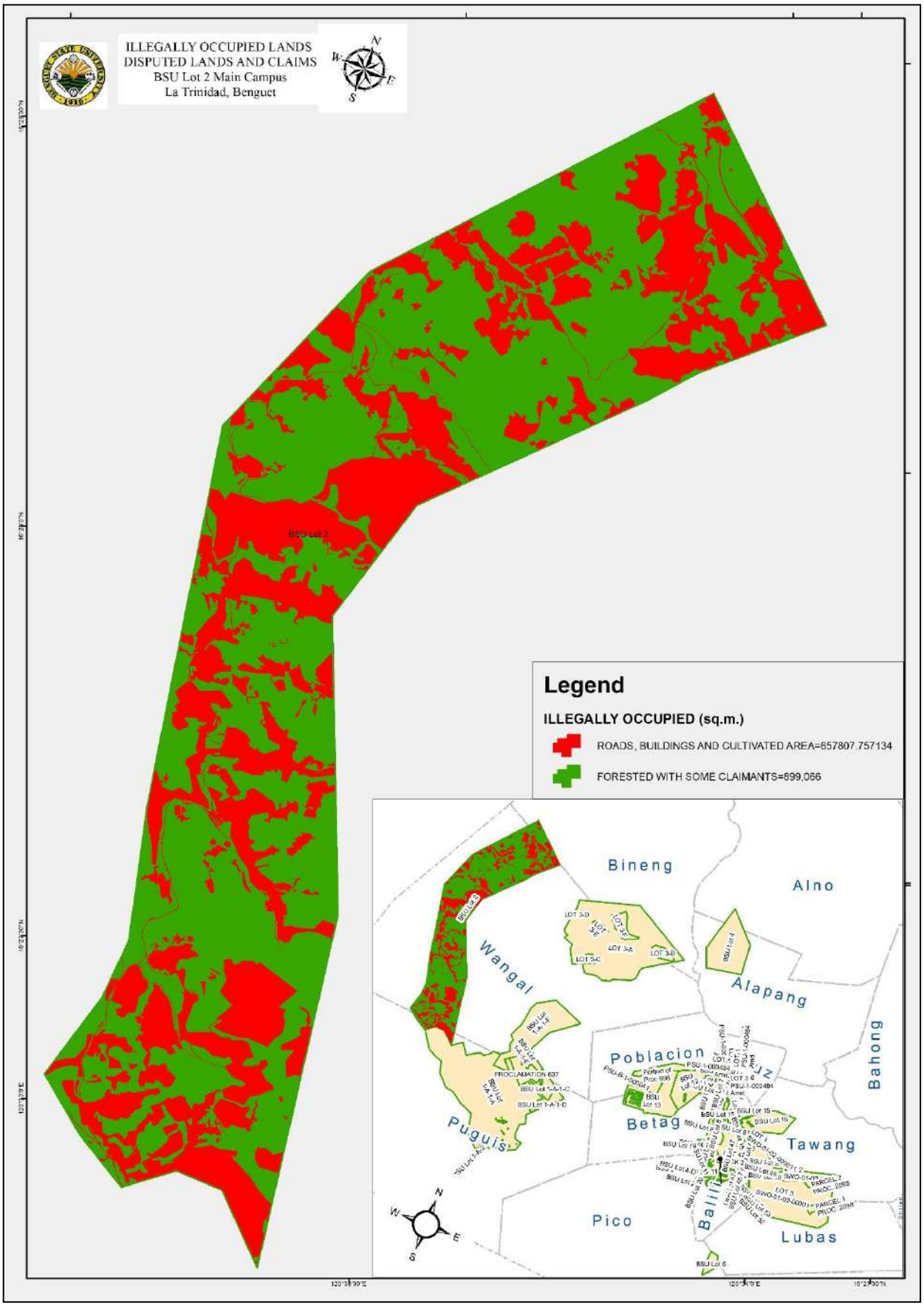



Figure 18. BSU Lot 2 La Trinidad Campus (Main), Illegally Occupied Lands.

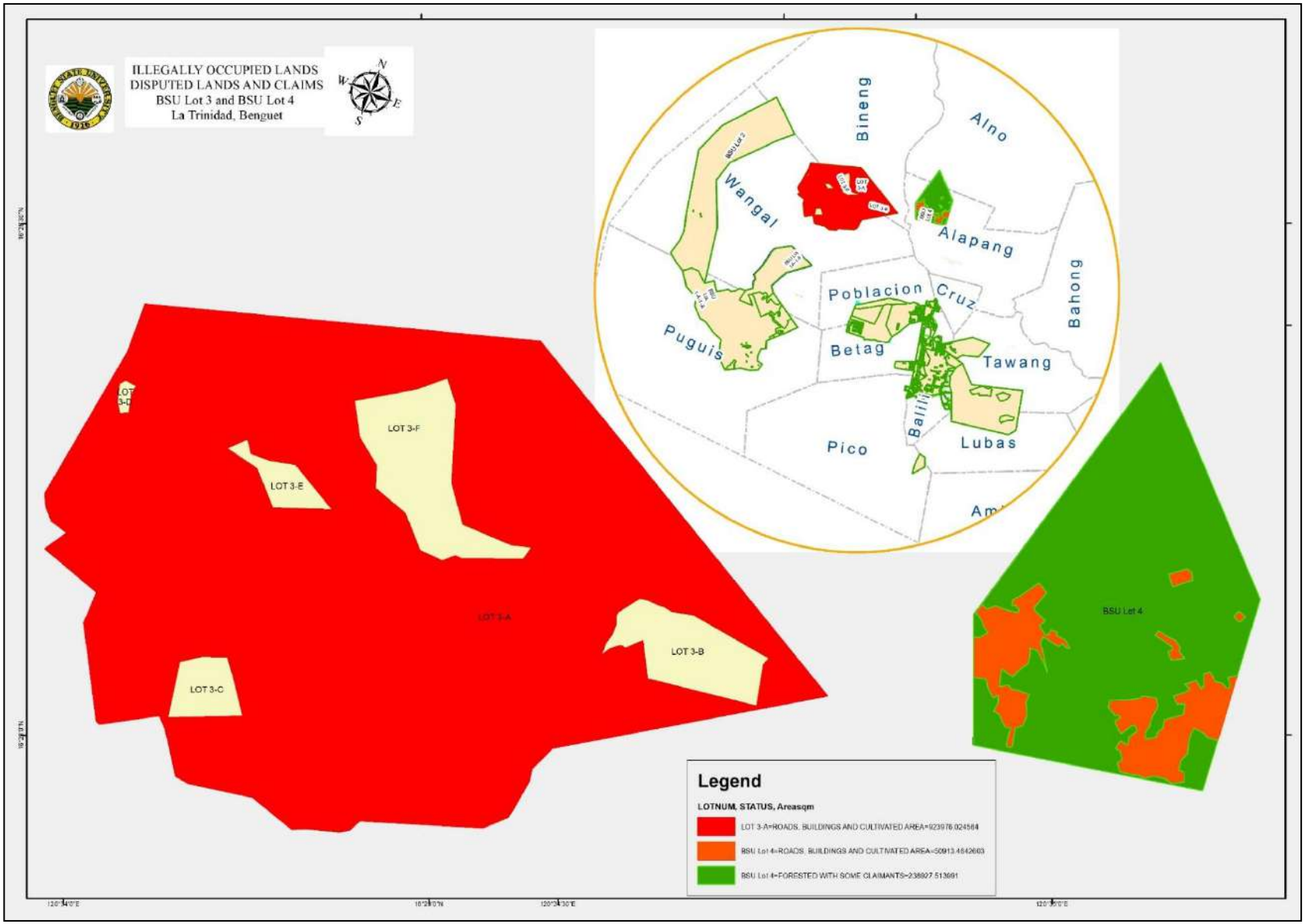



Figure 19. BSU Lot 3-A and Lot 4 La Trinidad Campus (Main), Illegally Occupied Lands.

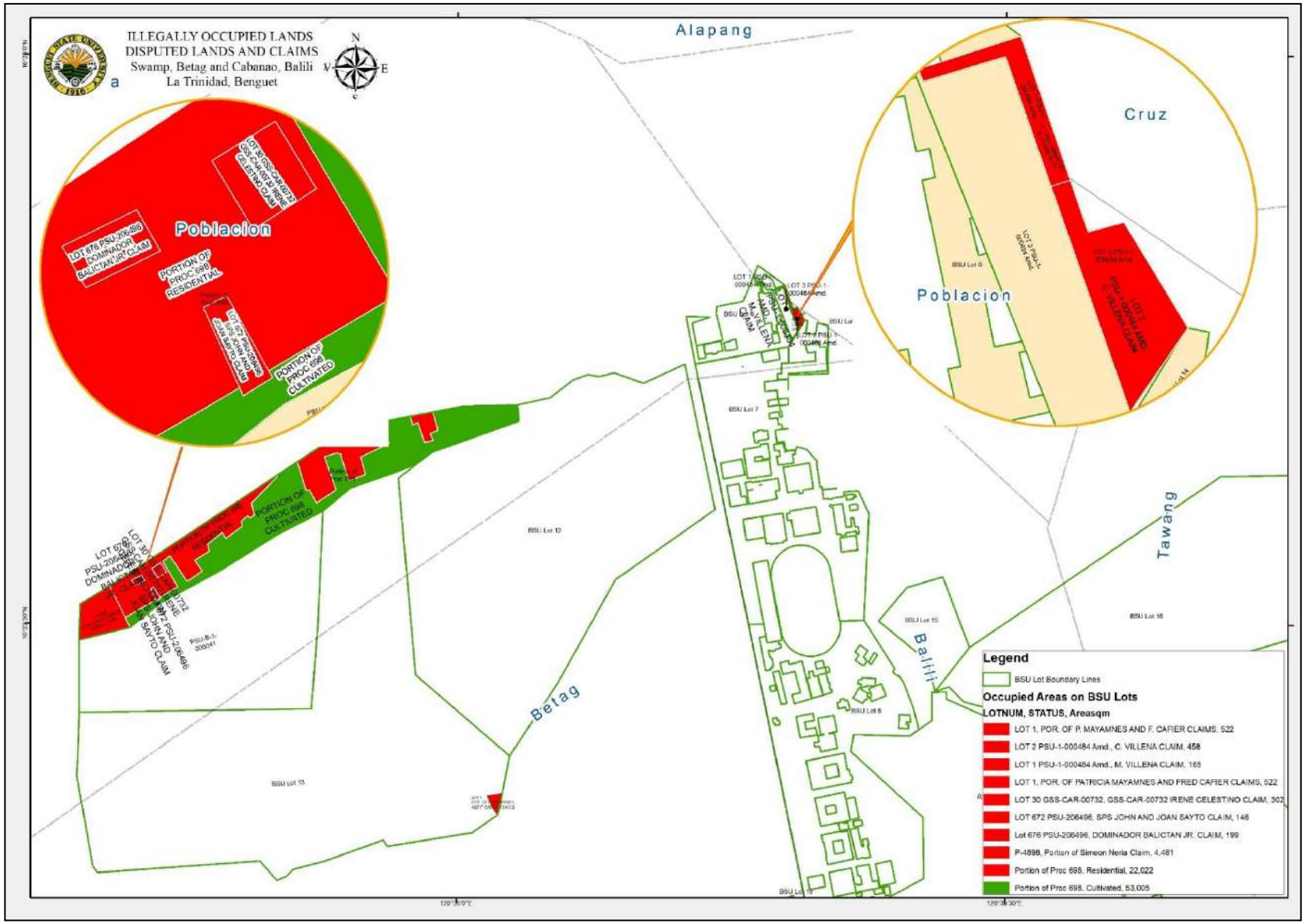



Figure 20. Swamp, Betag and Cabanao, Balili La Trinidad, Illegally Occupied Lands

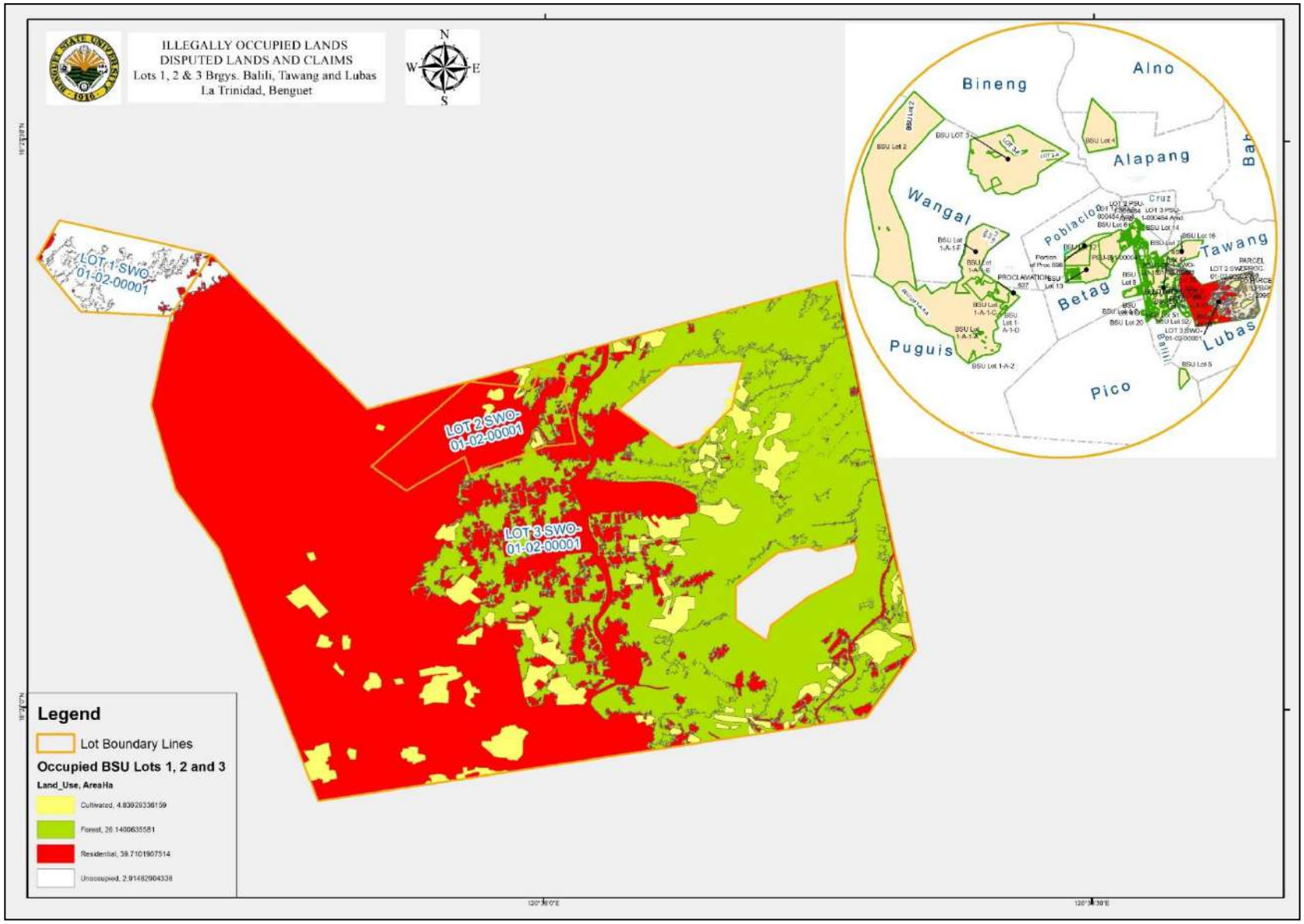



Figure 21. Lot 1, 2, & 3 Brgy. Balili, Tawang and Lubas La Trinidad, Illegally Occupied

Table 24. Distribution of landholdings according to Land Use Category

| LAND USE CLASSIFICATION | AREA (in hectares) | LOCATION |
|---|---|---|
| Academic Infrastructure | | Lot 1-A-1-A, Lot 1 (Formerly Lot 9 & 10), Lot 6, Lot 7, Lot 8, Lot 11, Lot 14, Lot 16, Lot 19, Lot 20, Lot 47 |
| Academic Agriculture | | Lot 1-A-1-A, Lot 1 (Formerly Lot 9 & 10), Lot 4, Lot 7, Lot 8, Lot 15, Lot 16, Lot 20 |
| Research Infrastructure | | Lot 1-A-1-A, Lot 1-A-1-D, Lot 1 (Formerly Lot 9 & 10), Lot 6, Lot 7, Lot 8, Lot 12, Lot 16, Lot 47, Psu-1-000484 Amd. |
| Research Agriculture | | Lot 1-A-1-A, Lot 4, Lot 6, Lot 7, Lot 8, Lot 12, Lot 13, Lot 47, Psu-1-000484 Amd. |
| Commercial Infrastructure | | Lot 1-A-1-C, Lot 4-C, Lot 4-D, Lot 7, Lot 8, Lot 12, Lot 13, Lot 16, Lot 20, Lot 26, Lot 47, Psu-1-000484 Amd. |
| Commercial Agriculture | | Lot 7, Lot 8, Lot 12, Lot 13, Lot 47, PSU-B-1-000041 |
| Informal Settlers | | Lot 1-A-1-A, Lot 1-A-1-E, Lot 1-A-1-F, Lot 1 (Formerly Lot 9 & 10), Lot 2 (Formerly Lot 9 & 10), Lot 3(Formerly Lot 9 & 10), Lot 4, Lot 4-C, Lot 4-D, Lot 5, Lot 20, Lot 47, |
| Housing Employee | | Lot 1-A-1-A, Lot 1 (Formerly Lot 9 & 10), Lot 7, Lot 8, Lot 12, Lot 14, Lot 15, Lot 16, Lot 19, Lot 20, Lot 47 |
| Student Dormitory | | Lot 7, Lot 15, Lot 19 |
| Forested | | Lot 1-A-1-A, Lot 1-A-1-E, Lot 1-A-1-F, Lot 1 (Formerly Lot 9 & 10), Lot 2 (Formerly Lot 9 & 10), Lot 3(Formerly Lot 9 & 10), Lot 4, Lot 4-C, Lot 4-D, Lot 5, Lot 16 |
| Grassland | | Lot 1-A-1-A, Lot 1-A-1-C, Lot 1-A-1-D, Lot 1-A-1-E, Lot 1-A-1-F, Lot 1 (Formerly Lot 9 & 10), Lot 2 (Formerly Lot 9 & 10), Lot 3(Formerly Lot 9 & 10), Lot 4, Lot 5, Lot 6, Lot 7, Lot 8, Lot 16, Lot 47 |
| Park/Playground | | Lot 1 (Formerly Lot 9 & 10), Lot 6, Lot 7, Lot 8, Lot 12, Lot 14, Lot 15, Lot 16, Lot 20, Lot 47 |
| Administration | | Lot 1-A-1-A, Lot 1-A-1-D, Lot 6, Lot 7, Lot 8, Lot 14, Lot 16, Lot 19 |
| Water | | Lot 1-A-1-A, Lot 1-A-1-C, Lot 1 (Formerly Lot 9 & 10), Lot 2 (Formerly Lot 9 & 10), Lot 3(Formerly Lot 9 & 10), Lot 4, Lot 7, Lot 11, Lot 16, Lot 20, Lot 47 |
| Road | | Lot 1-A-1-A, Lot 1-A-1-C, Lot 1-A-1-D, Lot 1-A-1-E, Lot 1-A-1-F, Lot 1 (Formerly Lot 9 & 10), Lot 2 (Formerly Lot 9 & 10), Lot 3(Formerly Lot 9 & 10), Lot 4, Lot 4-C, Lot a-D, Lot 5, Lot 6, Lot 7, Lot 8, Lot 12, Lot 13, Lot 14, Lot 15, Lot 16, Lot 19, Lot 20, Lot 26, Lot 47, Lot 48, Lot 49, Lot 50, Lot 51, Lot 52, PSU-B-1-000041 |
| **TOTAL** | | |

Collaboration among the Planning and Development Office (PDO), the Land Reservations Office (LRO) and the Office of Legal Affairs (OLA) are continuously gathering data from existing documents and from ground surveys to present a more accurate picture of the landholdings of BSU. Available data gathered indicate where the landholdings are located and also their existing land uses.

| Table 25. CHED Memorandum Orders for Lot Utilization | | |
|---|---|---|
| Bachelor of Science in Agriculture (Annex "F") | CHED Memorandum Order No. 23, Series of 2021 | Sec. 16 **Minimum of 10 hectares** available/accessed by the agriculture program for instruction and demonstration |
| Bachelor of Science in Agricultural Engineering (Annex "G") | CHED Memorandum Order No. 37, Series of 2007 | Sec. 15 **Minimum of 50 hectares** that will be used for instruction, production, research and extension |
| Bachelor of Science in Forestry (Annex "H") | CHED Memorandum Order No. 6, Series of 2019 | Sec. 16 **At least 50 hectares** forests should be available for instruction and research purposes. |
| Doctor of Veterinary Medicine (Annex "I") | CHED Memorandum Order No. 1, Series of 2018 | Sec. 16 for instructional and research purposes with an area of **not less than 5 hectares.** |

After the 2014 survey placing the remaining BSU landholdings at 660.3787 hectares, it was also established that more than 70% has been documented as subject of private claims. Some have already been filed before courts of competent jurisdiction and some are waiting for the courts' decision on the matter of recovery. With the non-utilization of some land reserves of the University, private claims may increase over time.

The table below show the different University lots in La Trinidad Campus, Bokod Campus and Buguias Campus with its corresponding identity, features, and classification (per CMO No. 11 Series of 2020).

Table 26.

| LOT NUMBER | LOCATION | TITLE NUMBER | AREA (hectare) | TAX DECLARATION NUMBER | EXISTING STRUCTURES / IMPROVEMENTS | ELEVATION (MSL) | CLASSIFICATION | REMARKS |
|---|---|---|---|---|---|---|---|---|
| **A. TORRENS TITLE** | | | | | | | | |
| **4-C** | Km. 5, Pico | PSD-CAR-019316 | 0.0933 | 03-09-1938 | BSU Old Cottage occupied by V. Singa (with MOA) | | Commercial Infrastructure | Portion occupied by Victor Singa , Sansera Bodia, Marina Bolona |
| | | T.C.T. No. 0162013000543 | | | Commercial Stalls | | Commercial Infrastructure | |
| **4-D** | Km. 5, Pico | PSD-CAR-019316 | 0.0825 | 03-09-1943 | BSU Old Cottage occupied by Lumiqued et.al. (no MOA) | | Allied Services | Portion occupied by Lumiqued et. Al. |
| | | T.C.T. No. 0162013000544 | | | Commercial Stalls | | Commercial Infrastructure | |
| **7** | Main Campus (Northern), Balili | O.C.T. No. O-185 | 7.9331 | 2715 *9716 new | Archery Field | | Academic Infrastructure | |
| | | | | | Athletics | | Academic Infrastructure | |
| | | | | | Carpentry/GSO Waste Material Building | 1,310 | Administration | |
| | | | | | Center for Sports Recreation and Wellness Development | | Academic Infrastructure | |
| | | | | | College of Engineering and Applied Technology Greenhouses | 1,305 | Academic Infrastructure | |

| LOT NUMBER | LOCATION | TITLE NUMBER | AREA (hectare) | TAX DECLARATION NUMBER | EXISTING STRUCTURES / IMPROVEMENTS | ELEVATION (MSL) | CLASSIFICATION | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | | | | | College of Engineering and Applied Technology (CEAT) Building | 1,325 | Academic Infrastructure | |
| | | | | | College of Engineering and Applied Technology 2-automotive | 1,320 | Academic Infrastructure | |
| | | | | | College of Human Kinetics (CHK) Building | 1,310 | Academic Infrastructure | |
| | | | | | Comfort Room | 1,320 | Administration | |
| | | | | | Covered Gymnasium | 1,315 | Academic Infrastructure | |
| | | | | | Employee Housing | | Housing Employee | |
| | | | | | Enclosed Gymnasium | 1,310 | Academic Infrastructure | |
| | | | | | Farm | | Academic Agriculture/ Research Agriculture | |
| | | | | | Floriculture Green House | 1,315 | Research Agriculture | |
| | | | | | Guard House | | Administration | |
| | | | | | Ladies Dorm-Main Building | 1,310 | Student Dorm | |
| | | | | | Ladies Dormitory Annex | 1,320 | Student Dorm | |
| | | | | | Ladies' Dormitory Shower Room | 1,310 | Student Dorm | |
| | | | | | Portion of the Athletic Oval | 1,295 | Academic Infrastructure | |

| LOT NUMBER | LOCATION | TITLE NUMBER | AREA (hectare) | TAX DECLARATION NUMBER | EXISTING STRUCTURES / IMPROVEMENTS | ELEVATION (MSL) | CLASSIFICATION | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | | | | | Sepak Takraw court | 1,305 | Academic Infrastructure | |
| | | | | | Transportation & Automotive Services (Motorpool) | 1,320 | Administration | |
| | | | | | Parking Area (For Employees at Cabanao Area) | | Park/Playground | |
| | | | | | Portion Basketball court | 1,305 | Academic Infrastructure | |
| | | | | | Volleyball court | 1,305 | Academic Infrastructure | |
| **8** | Main Campus (Central), Balili | O.C.T. No. O-185 | 13.0594 | | Administration Building | 1,305 | Administration | |
| | | | | | Agricultural Training Institute (ATI)-CAR | 1,330 | Administration | |
| | | | | | Anthurium Multi-Purpose Hall | | Administration | |
| | | | | | Bakery/Food Processing Center | | Commercial Infrastructure | |
| | | | | | Portion Basketball court | 1,305 | Academic Infrastructure | |
| | | | | | Benguet State University Government Employees Association (BSUGEA) Building/ Dap-ayan restaurant | 1,320 | Commercial Infrastructure | |
| | | | | | Center for Culture and the Arts | 1,315 | Academic Infrastructure | |

| LOT NUMBER | LOCATION | TITLE NUMBER | AREA (hectare) | TAX DECLARATION NUMBER | EXISTING STRUCTURES / IMPROVEMENTS | ELEVATION (MSL) | CLASSIFICATION | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | | | | | College of Agriculture | | Academic Infrastructure | |
| | | | | | College of Agriculture (CA)- Main Building | | Academic Infrastructure | |
| | | | | | College of Agriculture (CA) Student Lounge | | Academic Infrastructure | |
| | | | | | College of Agriculture (CA)- Animal Science Laboratory New Building | | Academic Infrastructure | |
| | | | | | College of Agriculture (CA)-Animal Science Building | | Academic Infrastructure | |
| | | | | | College of Agriculture (CA)-Horticulture Lab/ Classroom | 1,300 | Academic Infrastructure | |
| | | | | | College of Agriculture (CA)-Meat Laboratory Building | | Academic Infrastructure | |
| | | | | | College of Arts and Sciences - Annex Building | 1,310 | Academic Infrastructure | |
| | | | | | College of Arts and Sciences - Main Building | 1,315 | Academic Infrastructure | |
| | | | | | College of Home Economics and Technology (CHET) (Donation) | | Academic Infrastructure | |
| | | | | | College of Home Economics and Technology Building | | Academic Infrastructure | |

| LOT NUMBER | LOCATION | TITLE NUMBER | AREA (hectare) | TAX DECLARATION NUMBER | EXISTING STRUCTURES / IMPROVEMENTS | ELEVATION (MSL) | CLASSIFICATION | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | | | | | College of Home Economics and Technology New Building | | Academic Infrastructure | |
| | | | | | College of Public Administration and Governance (CPAG) Building | 1,310 | Academic Infrastructure | |
| | | | | | College of Teacher Education (CTE) | 1,310 | Academic Infrastructure | |
| | | | | | Comfort Room | 1,315 | Administration | |
| | | | | | Dental Clinic | 1,325 | Administration | |
| | | | | | Faculty & Staff Housing | | Housing Employee | |
| | | | | | Etag Processing Laboratory | 1,310 | Administration | |
| | | | | | Executive Guest House 1 | 1,320 | Commercial Infrastructure | |
| | | | | | Fortunato Battad Building (University Library Services) | 1,310 | Administration | |
| | | | | | General Services Office (GSO) | 1,315 | Administration | |
| | | | | | Guard Houses | | Administration | |
| | | | | | Guestel | 1,310 | Commercial Infrastructure | |
| | | | | | Guest House | | Commercial Infrastructure | |
| | | | | | Historical Museum | | Administration | |

| LOT NUMBER | LOCATION | TITLE NUMBER | AREA (hectare) | TAX DECLARATION NUMBER | EXISTING STRUCTURES / IMPROVEMENTS | ELEVATION (MSL) | CLASSIFICATION | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | | | | | College of Information Sciences Building | 1,310 | Administration | |
| | | | | | Landscaping Office | 1,330 | Administration | |
| | | | | | Main Gate | 1,315 | Administration | |
| | | | | | McDonalds | 1,315 | Commercial Infrastructure | |
| | | | | | Medical Clinic | | Administration | |
| | | | | | Medical Clinic Extension | | Administration | |
| | | | | | NSTP Comfort Room | | Academic Infrastructure | |
| | | | | | NSTP/ROTC Office | 1,315 | Academic Infrastructure | |
| | | | | | Office of Student Services and Student Center | 1,320 | Administration | |
| | | | | | Police Community Precinct 2 | 1,310 | Administration | |
| | | | | | Pomology Building | | Academic Infrastructure | |
| | | | | | Secondary Laboratory School (SLS) - Canteen | | Academic Infrastructure | |
| | | | | | Secondary Laboratory School (SLS) - Comfort Room | | Academic Infrastructure | |
| | | | | | Secondary Laboratory School (SLS) - Gymnasium | 1,320 | Academic Infrastructure | |

| LOT NUMBER | LOCATION | TITLE NUMBER | AREA (hectare) | TAX DECLARATION NUMBER | EXISTING STRUCTURES / IMPROVEMENTS | ELEVATION (MSL) | CLASSIFICATION | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | | | | | Secondary Laboratory School (SLS) - Home Economics | | Academic Infrastructure | |
| | | | | | Secondary Laboratory School (SLS) - Science Bldg. | | Academic Infrastructure | |
| | | | | | Secondary Laboratory School (SLS) - U.S. Aid | 1,320 | Academic Infrastructure | |
| | | | | | Secondary Laboratory School (SLS)-Vocational Agriculture | 1,305 | Academic Infrastructure | |
| | | | | | Security Guard's Barracks/Groove Music Studio | | Academic Infrastructure | |
| | | | | | Seed Laboratory and Storage | | Academic Infrastructure | |
| | | | | | Shimumura Park | | Park/Playground | |
| | | | | | Soccer club Office | | Academic Infrastructure | |
| | | | | | Soil-Chemistry Building | | Academic Infrastructure | |
| | | | | | Supply and Procurement Management (SPMO) Warehouse | | Administration | |
| | | | | | University Business Affairs Office (UBAO)/ Marketing Center/ Coffee Shop | 1,315 | Commercial Infrastructure | |
| | | | | | Volleyball court | | Academic Infrastructure | |

| LOT NUMBER | LOCATION | TITLE NUMBER | AREA (hectare) | TAX DECLARATION NUMBER | EXISTING STRUCTURES / IMPROVEMENTS | ELEVATION (MSL) | CLASSIFICATION | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | | | | | Waiting Shed | | Academic Infrastructure | |
| **14** | Cabanao, Balili | T.C.T. No. T-16377 | 0.4875 | 6296 | Commission on Higher Education (CHED)-CAR | | Administration | |
| | | | | | Faculty and Staff Housing | | Housing Employee | |
| | | | | | Parking Area (For Employees at Cabanao Area) | | Park/Playground | |
| **15** | Tabangaoen, Balili | T.C.T. No. T-16378 | 1.3625 | 6297 | Barangay Balili MRF | | Administration | |
| | | | | | BSU Pumping Station | | Administration | |
| | | | | | Early Child Development Center (ECDC) | 1,330 | Administration | |
| | | | | | Faculty and Staff Housing | | Housing Employee | |
| | | | | | Farm Storage | 1,305 | Research Infrastructure | |
| | | | | | Graduate School Dorm | 1,300 | Student Dorm | |
| | | | | | IGP Satellite Stalls | | Commercial Infrastructure | |
| | | | | | Men's Dormitory | 1,310 | Student Dorm | |
| **19** | Zone 1- IA, Betag | T.C.T. No. T-16375 | 3.3112 | 2010-03-09-02267 | Betag Barangay Hall | 1,315 | Administration | |
| | | | | | BSU Alumni Building | | Administration | |
| | | | | | BSU Employee Apartment | 1,315 | Commercial Infrastructure | |
| | | | | | College Dormitory | 1,315 | Student Dorm | |
| | | | | | Commercial Building | Commercial Infrastructure | Commercial Infrastructure | |

| LOT NUMBER | LOCATION | TITLE NUMBER | AREA (hectare) | TAX DECLARATION NUMBER | EXISTING STRUCTURES / IMPROVEMENTS | ELEVATION (MSL) | CLASSIFICATION | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | | | | | Faculty and Staff Housing | | Housing Employee | |
| | | | | | Faculty Club's office | | Administration | |
| | | | | | Gladiola Center | | Commercial Infrastructure | |
| | | | | | Guard House | | Administration | |
| | | | | | International Relations Office | | Administration | |
| | | | | | Land Bank of the Philippines | | Commercial Infrastructure | |
| | | | | | LEADS Center | 1,320 | Administration | |
| | | | | | PCARRD Housing | | Administration | |
| | | | | | President's cottage | 1,315 | Housing Employee | |
| **20** | Barangay Balili | T.C.T. No. 6264 (Title in the name of the Province of Benguet) | 1.9143 | 13279 | College of Nursing (Portion) | 1,310 | Academic Infrastructure | |
| | | | | | College of Veterinary Medicine - Animal Hospital | 1,315 | Academic Infrastructure | *Claimed by Pinas, Melchor and Tabanda; for litigation |
| | | | | | College of Veterinary Medicine - Main Building | 1,315 | Academic Infrastructure | |
| | | | | | College of Veterinary Medicine - Recovery Building | | Academic Infrastructure | Title to be transferred to BSU |
| | | | | | College of Veterinary Medicine - Storage | 1,320 | Academic Infrastructure | |
| | | | | | Commercial Building (Express Lane Pharmacy) | | Commercial Infrastructure | |

| LOT NUMBER | LOCATION | TITLE NUMBER | AREA (hectare) | TAX DECLARATION NUMBER | EXISTING STRUCTURES / IMPROVEMENTS | ELEVATION (MSL) | CLASSIFICATION | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | | | | | DepEd Building 2 (Commercial) | | Commercial Infrastructure | |
| | | | | | Early Child Development Center (ECDC) | 1,310 | Academic Infrastructure | |
| | | | | | Early Child Development Center (ECDC) Playing House | | Academic Infrastructure | |
| | | | | | Elementary Laboratory School (ELS) - Building 2 (Field Study) | | Academic Infrastructure | |
| | | | | | Elementary Laboratory School (ELS) - Building 3 (Clinic/Guidance) | | Academic Infrastructure | |
| | | | | | Elementary Laboratory School (ELS) - Building 4 (HELE Shop) | | Academic Infrastructure | |
| | | | | | Elementary Laboratory School (ELS) - Building 5 (Health Science/H.E.) | | Academic Infrastructure | |
| | | | | | Elementary Laboratory School (ELS) - Comfort Rooms | | Academic Infrastructure | |
| | | | | | Elementary Laboratory School (ELS) - Main Building | 1,320 | Academic Infrastructure | |
| | | | | | Elementary Laboratory School (ELS) - School Canteen | 1,320 | Academic Infrastructure | |
| | | | | | Faculty and Staff Housing | | Housing Employee | |

| LOT NUMBER | LOCATION | TITLE NUMBER | AREA (hectare) | TAX DECLARATION NUMBER | EXISTING STRUCTURES / IMPROVEMENTS | ELEVATION (MSL) | CLASSIFICATION | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | | | | | Entrepreneurship Building | 1325 | Commercial Infrastructure | |
| | | | | | Highland Bakery | 1325 | Commercial Infrastructure | |
| | | | | | IGP Stalls | | Commercial Infrastructure | |
| | | | | | Portion College of Nursing (CN) Building | | Academic Infrastructure | |
| **26** | Barangay Balili (LOI 1275) | T.C.T. No. T-48787 | 0.02 | 2010-03-06-01065 | BSU Old Cottage | | Commercial Infrastructure | Old cottage occupied by Mr. Balde Menzi (with lease contract) |
| | | | | | | | Commercial Infrastructure | Occupied by Noel Bugtong et. Al. |
| **47** | Barangay Balili | T.C.T. No. T-19974 (Pcs-1-000447 (OLT) | 24.5849 | 14819 | Allied Botanical Corporation (ABC) Demonstration Area | | Commercial Agriculture | |
| | | | | | Azolla Building | 1,310 | Research Infrastructure | |
| | | | | | Balili Barangay Hall | | Administration | |
| | | | | | BSU DIADEGMA Rearing house | | Research Infrastructure | |
| | | | | | BSU Growers Composting Area | | Research Agriculture | |
| | | | | | BSU Growers Composting Shed | | Research Infrastructure | |
| | | | | | Bureau of Fisheries & Aquatic Resources (BFAR) | 1,310 | Administration | |

| LOT NUMBER | LOCATION | TITLE NUMBER | AREA (hectare) | TAX DECLARATION NUMBER | EXISTING STRUCTURES / IMPROVEMENTS | ELEVATION (MSL) | CLASSIFICATION | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | | | | | Bureau of Fisheries & Aquatic Resources (BFAR)- Dorm | 1,315 | Administration | |
| | | | | | Bureau of Fisheries & Aquatic Resources (BFAR)-Enclosed Fish Ponds | 1,315 | Administration | |
| | | | | | College of Agriculture (CA) Goat/Cattle Barn | | Academic Infrastructure | |
| | | | | | College of Agriculture (CA) Piggery House 1 | | Academic Infrastructure | |
| | | | | | College of Agriculture (CA) Piggery House 2 | | Academic Infrastructure | |
| | | | | | College of Agriculture (CA) Sheep Barn | 1,315 | Academic Infrastructure | |
| | | | | | College of Forestry - Composting Building | 1,320 | Academic Infrastructure | |
| | | | | | College of Forestry - Nursery Office | 1,315 | Academic Infrastructure | |
| | | | | | College of Forestry - Potting Shed | | Academic Infrastructure | |
| | | | | | COARDC Composting Building | 1,295 | Academic Infrastructure | |
| | | | | | COARDC Experimental Area | 1,300 | Academic Infrastructure | |
| | | | | | COARDC Greenhouse 1 | 1,300 | Research Infrastructure | |
| | | | | | COARDC Greenhouse 2 | 1,300 | Research Infrastructure | |

| LOT NUMBER | LOCATION | TITLE NUMBER | AREA (hectare) | TAX DECLARATION NUMBER | EXISTING STRUCTURES / IMPROVEMENTS | ELEVATION (MSL) | CLASSIFICATION | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | | | | | COARDC Greenhouse 3 | 1,300 | Research Infrastructure | |
| | | | | | COARDC Organic Vegetable Packaging Area | 1,305 | Research Infrastructure | |
| | | | | | Department of Animal Science - Sheep Laboratory Farm 1 | 1,325 | Academic Infrastructure | |
| | | | | | Department of Animal Science - Sheep Laboratory Farm 2 | 1,325 | Academic Infrastructure | |
| | | | | | DOST-PAGASA Building | 1,315 | Administration | |
| | | | | | Faculty and Staff Housing | | Housing Employee | |
| | | | | | Farm | | Research Agriculture | |
| | | | | | Farmer Cooperator Green House 3 | 1,315 | Research Infrastructure | |
| | | | | | Farmer Cooperator Green House 4 | 1,315 | Research Infrastructure | |
| | | | | | Farmer Cooperator Green House 5 | 1,315 | Research Infrastructure | |
| | | | | | Farmer Cooperator Green House 8 | 1,320 | Research Infrastructure | |
| | | | | | Fishpond | | Academic Infrastructure/ Research Infrastructure | |
| | | | | | Goat Barn | 1,325 | Academic Agriculture | |

| LOT NUMBER | LOCATION | TITLE NUMBER | AREA (hectare) | TAX DECLARATION NUMBER | EXISTING STRUCTURES / IMPROVEMENTS | ELEVATION (MSL) | CLASSIFICATION | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | | | | | Good Agricultural Practices (GAP) Greenhouse | | Research Infrastructure | |
| | | | | | Horticulture Greenhouse 1 | 1,315 | Research Infrastructure | |
| | | | | | Horticulture Greenhouse 3 | 1,320 | Research Infrastructure | |
| | | | | | Horticulture Greenhouse 7 | 1,315 | Research Infrastructure | |
| | | | | | Horticulture Greenhouse 8 | 1,315 | Research Infrastructure | |
| | | | | | Horticulture Greenhouses | | Research Infrastructure | |
| | | | | | Horticulture Storage Room-3 | | Research Infrastructure | |
| | | | | | Horticulture Research Area | | Research Infrastructure | |
| | | | | | IGP Stalls | 1,315 | Commercial Infrastructure | |
| | | | | | IGP Stalls (Talipapa) | 1,335 | Commercial Infrastructure | |
| | | | | | La Trinidad Water District (LTWD) Deep Well | | Administration | |
| | | | | | MakiGABION ed BSU Project/BIGS Technology Adopters Area | 1,310 | Research Infrastructure | |
| | | | | | Meat Processing Laboratory | | Academic Infrastructure | |

| LOT NUMBER | LOCATION | TITLE NUMBER | AREA (hectare) | TAX DECLARATION NUMBER | EXISTING STRUCTURES / IMPROVEMENTS | ELEVATION (MSL) | CLASSIFICATION | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | | | | | Mites rearing house | | Research Infrastructure | |
| | | | | | Mushroom Production | 1,315 | Research Infrastructure | |
| | | | | | Office of Extension Services (OES) Demonstration Farm | | Research Agriculture | |
| | | | | | Office for Research Services (ORS) Barn | | Research Agriculture | |
| | | | | | Organic Agriculture Research Area | | Research Agriculture | |
| | | | | | Organic Demo Multipurpose Shed | | Research Agriculture | |
| | | | | | Parking Area 1 for Abatan Van | | Commercial Infrastructure | |
| | | | | | Parking Area 2 for BSUCMPC | | Commercial Infrastructure | |
| | | | | | Poultry Layer House 1 | 1,315 | Commercial Infrastructure | |
| | | | | | Poultry Layer House 2 | 1,315 | Commercial Infrastructure | |
| | | | | | Poultry Layer House 3 | 1,315 | Commercial Infrastructure | |
| | | | | | Poultry Utility House | 1,315 | Commercial Infrastructure | |
| | | | | | Pumping house-3 | | Administration | |
| | | | | | Research and Extension Experimental Area | 1,315 | Research Agriculture | |

| LOT NUMBER | LOCATION | TITLE NUMBER | AREA (hectare) | TAX DECLARATION NUMBER | EXISTING STRUCTURES / IMPROVEMENTS | ELEVATION (MSL) | CLASSIFICATION | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | | | | | Research and Extension Greenhouse 1 | 1,320 | Research Infrastructure | |
| | | | | | Research and Extension Greenhouse 3 | 1,310 | Research Infrastructure | |
| | | | | | Research and Extension Multi-Purpose Shed | 1,320 | Research Infrastructure | |
| | | | | | Sheep & Goat Production Facility | 1,320 | Research Infrastructure | |
| | | | | | Student Research Center | 1,320 | Academic Infrastructure | |
| | | | | | Vermicomposting Facility | | Research Infrastructure | |
| **48** | Balili | T.C.T. No. T-19975 | 0.2233 | | Road | | Road | |
| **49** | Balili | T.C.T. No. T-19976 | 0.0736 | | Road | | Road | |
| **50** | Balili | T.C.T. No. T-19977 | 0.0617 | | Road | | Road | |
| **51** | Balili | T.C.T. No. T-19978 | 0.0889 | | Road | | Road | |
| **52** | Balili | T.C.T. No. T-19979 | 0.0405 | | Road | | Road | |
| **53** | Balili | T.C.T. No. T-19980 | 0.262 | | Road | | Road | |
| | | **TOTAL** | **53.5987** | | | | | |
| **B. EXECUTIVE ISSUANCES** | | | | | | | | |
| **1-A-1-A 1-A-1-C** | Portions of Barangay | SWO-1-000792amd. | 150.5586 | 99-013-07303 | Bio-fertilizer Production Facility | | Research Infrastructure | Claimants with permanent houses, |

| LOT NUMBER | LOCATION | TITLE NUMBER | AREA (hectare) | TAX DECLARATION NUMBER | EXISTING STRUCTURES / IMPROVEMENTS | ELEVATION (MSL) | CLASSIFICATION | REMARKS |
|---|---|---|---|---|---|---|---|---|
| **1-A-1-D**<br>**1-A-1-E**<br>**1-A-1-F** | Wangal & Barangay Puguis | E.O. No. 99 dated November 11, 1914 | | | Biodiversity Project (CIP) | | Research Infrastructure | terraces and plants found along the creek |
| | | | | | Faculty and Staff Housing | | Employee Housing | Wayas Claim-Lot compensation (2ha.) |
| | | | | | Guest House (NPRCRTC) | | Research Infrastructure | Claims by William Esteban, Emilio Calaen, Delos Santos, Zambrano, etc. |
| | | | | | Guest House Building-Now Housing | 1,445 | Commercial Infrastructure | |
| | | | | | Guest House Building-Now Housing | 1,460 | Commercial Infrastructure | |
| | | | | | Housing Unit | 1,420 | Commercial Infrastructure | |
| | | | | | Institutional Building | | Research Infrastructure | |
| | | | | | Integrated Highland Farming Systems & Agroforestry (IHFSA) Coffee Processing Center | 1,405 | Research Infrastructure | |
| | | | | | Integrated Highland Farming Systems & Agroforestry (IHFSA) Complex | | Research Infrastructure | |
| | | | | | Integrated Highland Farming Systems & Agroforestry (IHFSA) Dormitory | | Research Infrastructure | |
| | | | | | Integrated Highland Farming Systems & Agroforestry (IHFSA) Nursery 2/Classroom | 1,390 | Research Infrastructure | |

| LOT NUMBER | LOCATION | TITLE NUMBER | AREA (hectare) | TAX DECLARATION NUMBER | EXISTING STRUCTURES / IMPROVEMENTS | ELEVATION (MSL) | CLASSIFICATION | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | | | | | Integrated Highland Farming Systems & Agroforestry (IHFSA) Paved Ground | 1,415 | Research Infrastructure | |
| | | | | | Integrated Highland Farming Systems & Agroforestry (IHFSA) Processing Center (Rocky Mt. Coffee before) | 1,400 | Research Infrastructure | |
| | | | | | Integrated Highland Farming Systems & Agroforestry (IHFSA) Staff Security & Stock House | | Research Infrastructure | |
| | | | | | Integrated Highland Farming Systems & Agroforestry (IHFSA) Training Center | 1,410 | Research Infrastructure | |
| | | | | | La Trinidad Water District (LTWD) Pumping Station | 1,375 | Administration | |
| | | | | | Mushroom Research | 1,400 | Research Infrastructure | |
| | | | | | NPRCRTC Field Office | 1,430 | Research Infrastructure | |
| | | | | | Native Tangere Pig Project | 1,430 | Research Infrastructure | |
| | | | | | Sericulture Silk Worm Rearing | 1,370 | Research Infrastructure | |

| LOT NUMBER | LOCATION | TITLE NUMBER | AREA (hectare) | TAX DECLARATION NUMBER | EXISTING STRUCTURES / IMPROVEMENTS | ELEVATION (MSL) | CLASSIFICATION | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | | | | | Sericulture Office | 1,370 | Research Infrastructure | |
| | | | | | Sericulture Lounge | 1,370 | Research Infrastructure | |
| | | | | | Sericulture Classroom/Temporary Housing Unit | 1,370 | Research Infrastructure | |
| | | | | | Storage House (Rootcrops) | | Research Infrastructure | |
| | | | | | Tangere Building | | Research Infrastructure | |
| **2** | Sitios Payew, Dessay, Talinguroy and Aduyon, Barangay Wangal | Ngs-CAR-000100 (SWO-01-02-0003) Sheet 2 Proc. No. 102 dated August 30, 1927 | 155.6487 | 2010-03-13-02001 | Climate Smart Agriculture Research Center (CSAC) | 1,510 | Research Infrastructure | Claimants with permanent houses, terraces and plants found along the creek |
| | | | | | CSAC Composting House | | Research Infrastructure | |
| | | | | | Greenhouse | 1,510 | Research Infrastructure | 59 lots of Gss 157 are within BSU lot |
| | | | | | Guard House 1 | | Administration | Occupied by claimants |
| | | | | | Guard House 2 | | Administration | |
| | | | | | Guard House 3 | | Administration | |
| | | | | | Shed | | Research Infrastructure | |
| **3** | Gayasi, Lower Wangal and Sadjatan, | Ngs-CAR-000100 (SWO-01-02-0003) | 103.9419 | | Guard House | | Administration | Sayote Plantation and gardens of claimants Lots of Gss 157 are within the site |

| LOT NUMBER | LOCATION | TITLE NUMBER | AREA (hectare) | TAX DECLARATION NUMBER | EXISTING STRUCTURES / IMPROVEMENTS | ELEVATION (MSL) | CLASSIFICATION | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | Barangay Wangal | Sheet 3 | | | | | | Occupied by claimants |
| | | Proc. No. 102 dated August 30, 1927 | | | | | | |
| **6** | Cabanao, Balili | | 1.4511 | 2010-03-06-03011 | Bureau of Fire Protection (BFP) CAR | 1,305 | Administration | |
| | | | | | Bureau of Fire Protection (La Trinidad Fire Station) | 1,310 | Administration | |
| | | | | | Department of Science and Technology (DOST)-CAR | 1,310 | Administration | |
| | | Ngs-CAR-000098 | | | Floriculture Building-Old Office/ Storage Room | | Research Infrastructure | |
| | | (SWO-01-02-0001, Sheet 3 of 3) | | | Floriculture Tissue Culture Laboratory-old | 1,320 | Research Infrastructure | |
| | | Lot 7 of Proc. No. 102 dated August 30, 1927 | | | Greenhouses | 1,330 | Research Infrastructure | |
| | | | | | Multi-purpose Building formerly Institute of Public Administration (IPA) Building | | Academic Infrastructure | |
| | | | | | La Trinidad Water District (LTWD) Pumping Station | 1,305 | Administration | |
| | | | | | Tissue Culture and Biotechnology Lab Annex-new | | Research Infrastructure | |
| | | Lot 3 | 0.1249 | | Greenhouse | | | |

| LOT NUMBER | LOCATION | TITLE NUMBER | AREA (hectare) | TAX DECLARATION NUMBER | EXISTING STRUCTURES / IMPROVEMENTS | ELEVATION (MSL) | CLASSIFICATION | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | Cabanao, Balili | PSU-1-000484 Amd. | | | | | Research Infrastructure | Civil Case No. 12-CV-2877 |
| | | Portion of Lot 5, Proclamation No. 102 dated August 30, 1927 | | | IGP (Lot area leased by Cecilio Villena) | | Commercial Infrastructure | |
| **12** | Swamp, Barangay Betag | (SWO-01-02-0001) E.O. No. 99 dated November 11, 1914 (Parcel 3) | 18.9776 | 2010-03-09-00338 | Agri-Based Technology Business Incubator/ Innovation Center (ATBI/IC) | 1,315 | Research Infrastructure | Portion claimed by Vicky Tumbaga (Civil Case No. R-1227 for recovery of Possession and Damages: BSU won but Tumbaga appealed) |
| | | | | | ATBI/IC Composting Building | | Research Infrastructure | |
| | | | | | ATBI/ IC Green House 1 | 1,300 | Research Infrastructure | |
| | | | | | Benguet Vegetable Processing | 1,310 | Research Infrastructure | |
| | | | | | BSU Agri-Processing Center (BSU APC) | | Research Infrastructure | |
| | | | | | BSU Orchidarium 1 | 1,310 | Commercial Infrastructure | |
| | | | | | BSU Orchidarium 2 | 1,310 | Commercial Infrastructure | |
| | | | | | BSU Orchidarium 3 | 1,315 | Commercial Infrastructure | |
| | | | | | BSU Orchidarium 4 | 1,315 | Commercial Infrastructure | |
| | | | | | Comfort Room | 1,300 | Administration | |

| LOT NUMBER | LOCATION | TITLE NUMBER | AREA (hectare) | TAX DECLARATION NUMBER | EXISTING STRUCTURES / IMPROVEMENTS | ELEVATION (MSL) | CLASSIFICATION | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | | | | | Commercial Building (IGP) | | Commercial Infrastructure | |
| | | | | | Commission on Audit (COA)-CAR | 1,295 | Commercial Infrastructure | |
| | | | | | Department of Science & Technology (DOST)-CAR | . | Commercial Infrastructure | |
| | | | | | Employees Housing Units | | Employee Housing | |
| | | | | | Food and Science Research Innovation Center | | Research Infrastructure | |
| | | | | | Faculty & Staff Housing | | Employee Housing | |
| | | | | | Guard House | | Administration | |
| | | | | | Horticulture Green House 5 | 1,295 | Research Infrastructure | |
| | | | | | IGP (Jim Beam) | 1,300 | Commercial Infrastructure | |
| | | | | | IGP Stalls (Backfill Area) | 1,315 | Commercial Infrastructure | |
| | | | | | Nothern Philippine Rootcrops Research & Training Center (NPRCRTC) Aeroponic Yam | 1,305 | Research Infrastructure | |
| | | | | | NPRCRTC All Purpose Function Area | | Research Infrastructure | |
| | | | | | NPRCRTC Building | 1,290 | Research Infrastructure | |

| LOT NUMBER | LOCATION | TITLE NUMBER | AREA (hectare) | TAX DECLARATION NUMBER | EXISTING STRUCTURES / IMPROVEMENTS | ELEVATION (MSL) | CLASSIFICATION | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | | | | | NPRCRTC Diffuse Light Storage A | 1,295 | Research Infrastructure | |
| | | | | | NPRCRTC Diffuse Light Storage B | 1,295 | Research Infrastructure | |
| | | | | | NPRCRTC Diffuse Light Storage C | 1,295 | Research Infrastructure | |
| | | | | | NPRCRTC Drip Irrigation on Potato Green House 7 | 1,300 | Research Infrastructure | |
| | | | | | NPRCRTC Greenhouse Potato Seed Production | 1,300 | Research Infrastructure | |
| | | | | | NPRCRTC Greenhouse Yam | | Research Infrastructure | |
| | | | | | Organic Fertilizer Stock Area | | Research Agriculture | |
| | | | | | Parking | | Park/Playground | |
| | | | | | Plant Disease Experimental Greenhouse | | Research Infrastructure | |
| | | | | | Portion Farmer Cooperators Farm | | Commercial Agriculture | |
| | | | | | Portion Sariling Sikap Farm | | Commercial Agriculture | |
| | | | | | POST Building | 1,310 | Commercial Infrastructure | |
| | | | | | Research and Extension Complex | 1,310 | Research Infrastructure | |
| | | | | | Soil Treatment Building | 1,310 | Research Infrastructure | |

| LOT NUMBER | LOCATION | TITLE NUMBER | AREA (hectare) | TAX DECLARATION NUMBER | EXISTING STRUCTURES / IMPROVEMENTS | ELEVATION (MSL) | CLASSIFICATION | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | | | | | Storage | | Research Infrastructure | |
| | | | | | Strawberry Marketing Center | | Commercial Infrastructure | |
| | | | | | Waiting Shed | 1,310 | Administration | |
| **13** | Swamp, Barangay Betag | | 21.3949 | | BAPTC Carrot Washing Facility | 1,305 | Commercial Infrastructure | |
| | | | | | BAPTC Guard House | | Administration | |
| | | | | | BAPTC Guestel/Commercial Building | | Commercial Infrastructure | |
| | | | | | BAPTC Minimal Processing & Packaging Facility (BAPTC MPPF) | 1,305 | Commercial Infrastructure | |
| | | | | | BAPTC Parking 1 | 1,310 | Park/Playground | |
| | | | | | BAPTC Parking 2 | 1,310 | Park/Playground | |
| | | | | 2010-03-09-01964 | BAPTC Parking 3 | 1,310 | Park/Playground | |
| | | Ngs-CAR-000099 | | Agricultural | BAPTC Parking 4 | 1,310 | Park/Playground | |
| | | Swo-01-02-00002 | | 2010-03-09-00761 | BAPTC Spot Trading Building 1 | 1,305 | Commercial Infrastructure | |
| | | Proc. 698 dated June 23, 1934 | | Commercial | BAPTC Spot Trading Building 2 | 1,305 | Commercial Infrastructure | |
| | | | | | BAPTC Spot Trading Building 3 | 1,305 | Commercial Infrastructure | |
| | | | | | Dry and Wet Storage Area | 1,305 | Commercial Infrastructure | |

| LOT NUMBER | LOCATION | TITLE NUMBER | AREA (hectare) | TAX DECLARATION NUMBER | EXISTING STRUCTURES / IMPROVEMENTS | ELEVATION (MSL) | CLASSIFICATION | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | | | | | Electric Power Distribution (BENECO) | 1,305 | Administration | |
| | | | | | IGP (Bridge) | | Commercial Infrastructure | |
| | | | | | Portion Farmer Cooperators Farm | | Commercial Agriculture | |
| | | | | | Portion Sariling Sikap Farm | | Commercial Agriculture | |
| | | | | | Sewerage Treatment Plant | 1,305 | Administration | |
| | | | | | Water Pumping Station (LTWD) | 1,305 | Administration | |
| | Swamp, Barangay Betag | PSU-B-1-000041<br>Proc. 698 dated June 23, 1934 | 8.077 | | Farmer Cooperators farm | | Commercial Agriculture | |
| **Rest of Proclamation 698, dated June 23, 1934** | Central Buyagan, Poblacion | Swo-4240 Amd., Portion | 5.4505 | | | | Informal Settlers | Cases re: Quieting of Titles<br>BSU vs Sps. Neria; Re: Cancellation of Title, Civil Case No. 04-CV-2332<br>BSU won the case<br>Improvements by claimants |
| | | | | | Barangay Balili MRF | | Administration | |

| LOT NUMBER | LOCATION | TITLE NUMBER | AREA (hectare) | TAX DECLARATION NUMBER | EXISTING STRUCTURES / IMPROVEMENTS | ELEVATION (MSL) | CLASSIFICATION | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | | | | | BSU Mushroom project | | Research Infrastructure | |
| | | | | | BSU Water Tank 1 | | Administration | |
| | | | | | BSU Water Tank 2 | | Administration | |
| | | | | | College of Forestry (CF) Building | 1,335 | Academic Infrastructure | |
| | | | | | College of Forestry (CF) Open Court | 1,335 | Academic Infrastructure | |
| | | | | | College of Forestry (CF) Stage | 1,335 | Academic Infrastructure | |
| | | | | | Cordillera Regional Apiculture Center (CRAC) | | Research Infrastructure | |
| | | | | | Cordillera Regional Apiculture Center (CRAC) Apiary | | Research Infrastructure | |
| | | | | | DOST-PTRI | 1,320 | Administration | |
| | | | | | Faculty and Staff Housing | | Housing Employee | |
| | | | | | Guard House 1 | | Administration | |
| | | | | | Guard House 2 | | Administration | |
| | | | | | IGP Stalls | 1,300 | Commercial Infrastructure | |
| | | | | | LTWD Water Pump | | Administration | |
| | | | | | Parking Area | | Park/Playground | |
| **45** | Barangay Balili | Pcs-1-000447 (OLT) | 0.0048 | | MSAC Spring well | | Administration | Retained for BSU from LOI 1275 |

| LOT NUMBER | LOCATION | TITLE NUMBER | AREA (hectare) | TAX DECLARATION NUMBER | EXISTING STRUCTURES / IMPROVEMENTS | ELEVATION (MSL) | CLASSIFICATION | REMARKS |
|---|---|---|---|---|---|---|---|---|
| | | LOI 1275 | | | | | | |
| **46** | Barangay Balili | Pcs-1-000447 (OLT) | 0.0021 | 2010-03-06-01064 | MSAC deep well | | Administration | Retained for BSU from LOI 1275 |
| | | LOI 1275 | | | | | | |
| **47** | Barangay Balili | Psd-131110-000258 (AR) | 0.0177 | 2010-03-06-01062 | BSU Pumping | | Administration | Retained for BSU from LOI 1275 |
| | | Block 3, LOI 1275 | | | | | | |
| **Proclamation No. 637 dated May 21, 2004** | Barangay Puguis | Lot 118, Gss-CAR-000669 | 0.0668 | | Faculty and Staff Housing | | Administration | Retained for BSU |

Table 27.

| LOT NUMBER | LOCATION | SURVEY PLAN NUMBER | AREA (hectare) | TAX DECLARATION NUMBER | EXISTING LAND USE | CLASSIFICATION | REMARKS |
|---|---|---|---|---|---|---|---|
| **BOKOD CAMPUS** | Ambangeg, Daclan, Bokod, Benguet | | **7.5385** | | Andres Cosalan Covered Court | Administration | |
| | | | | | Jinggoy Estrada Building | Academic Infrastructure | |
| | | | | | PE Room | Academic Infrastructure | |
| | | | | | ROTC/Shed | Academic Infrastructure | |
| | | | | | Dormitory Building | Student Dormitory | |
| | | | | | CBAM Faculty/Binajayeng Variety Store | Academic Infrastructure /Commercial Infrastructure | |

| LOT NUMBER | LOCATION | SURVEY PLAN NUMBER | AREA (hectare) | TAX DECLARATION NUMBER | EXISTING LAND USE | CLASSIFICATION | REMARKS |
|---|---|---|---|---|---|---|---|
| | | Lot 2828: CAD-932-D; Case 4<br>Proc. No. 473 | | | Abong/Badiw Heritage Park | Park/Playground | |
| | | | | | Biodiversity Research Building | Research Infrastructure | |
| | | | | | Basketball Court | Academic Infrastructure | |
| | | | | | Motorpool | Administration | |
| | | | | | Civil Technology Building | Academic Infrastructure | |
| | | | | | Civil Technology Extension Building | Academic Infrastructure | |
| | | | | | Laboratory Building | Academic Infrastructure | |
| | | | | | Rogelio Basco Building | Administration | |
| | | | | | Patrick P. Umayat Building | Administration | |
| | | | | | Administration Building | Administration | |
| | | | | | Flavier Building | Academic Infrastructure | |
| | | | | | Food Services and Management Building | Academic Infrastructure | |
| | | | | | Drilon Building | Academic Infrastructure | |
| | | | | | Cayetano Building | Academic Infrastructure | |
| | | | | | Hipolito Pacis Building | Academic Infrastructure/ Commercial Infrastructure | |
| | | | | | | | |

| LOT NUMBER | LOCATION | SURVEY PLAN NUMBER | AREA (hectare) | TAX DECLARATION NUMBER | EXISTING LAND USE | CLASSIFICATION | REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | Felipe Esnara Building | Academic Infrastructure | |
| | | | | | Suelto E. Tello Building | Academic Infrastructure | |
| | | | | | Library Building | Academic Infrastructure | |
| | | | | | Denver Onon Building | Administration | |
| | | | | | Andres Cosalan Covered Court | Administration | |
| | | | | | SPEAR Building | Academic Infrastructure | |
| | | | | | Guard house | Administration | |
| | | **TOTAL** | **7.5385** | | | | |

Table 28.

| LOT NUMBER | LOCATION | SURVEY PLAN NUMBER | AREA (hectare) | TAX DECLARATION NUMBER | EXISTING LAND USE | CLASSIFICATION | REMARKS |
|---|---|---|---|---|---|---|---|
| **Lot 2** | Loo, Buguias, Benguet | Swo-12484 | 7.8007 | | Administration Building | Administration | |
| | | | | | Agriculture Building | Academic Infrastructure | |
| | | | | | Apiary | Research Infrastructure | |
| | | | | | Bureau of Fire Protection-Buguias | Administration | |
| | | | | | Canteen | Administration | |
| | | | | | Carpentry | Administration | |
| | | | | | Civil Technology Furniture & Cabinet Making Shop | Academic Infrastructure | |
| | | | | | Comfort rooms | Administration | |

| LOT NUMBER | LOCATION | SURVEY PLAN NUMBER | AREA (hectare) | TAX DECLARATION NUMBER | EXISTING LAND USE | CLASSIFICATION | REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | Crop production | Academic Agriculture | |
| | | | | | Cultivated Forage | Administration | |
| | | | | | Cymbidium Building | Academic Infrastructure | |
| | | | | | Dormitory Building | Student Dormitory | |
| | | | | | Faculty and Staff housing | Employee Housing | |
| | | | | | Fishpond | Administration | |
| | | | | | Girls Trade Education Shop | Academic Infrastructure | |
| | | | | | Grazing Area | Commercial Agriculture | |
| | | | | | Green House | Commercial Infrastructure | |
| | | | | | Green House Storage | Commercial Infrastructure | |
| | | | | | Guard House | Administration | |
| | | | | | Home Economics Building | Academic Infrastructure | |
| | | | | | IT College Building | Academic Infrastructure | |
| | | | | | Marketing Center | Commercial Infrastructure | |
| | | | | | Motorpool | Administration | |
| | | | | | Open Court | Academic Infrastructure | |
| | | | | | Open Spaces | Park/Playground | |
| | | | | | Police Outpost | Administration | |
| | | | | | Related Subjects Building | Academic Infrastructure | |
| | | | | | ROTC storage room | Administration | |
| | | | | | Sariling Sikap farm | Commercial Agriculture | |
| | | | | | Stock room | Administration | |

| LOT NUMBER | LOCATION | SURVEY PLAN NUMBER | AREA (hectare) | TAX DECLARATION NUMBER | EXISTING LAND USE | CLASSIFICATION | REMARKS |
|---|---|---|---|---|---|---|---|
| | | | | | Temporary Office of Student organizations | Administration | |
| **Lot 3-A** | | | 1.1896 | | BSU Gymnasium | Academic Infrastructure | |
| | | | | | Cold Chain | Administration | |
| | | | | | Open Spaces | Park/Playground | |
| | | | | | Waiting shed | Administration | |
| | | | | | Portion Crop production | Commercial Agriculture | |
| | | | | | Portion grazing area | Commercial Agriculture | |
| **Lot 3-B** | | | 1.9809 | | Animal Laboratory | Academic Infrastructure | |
| | | | | | Cattle Corral | Commercial Infrastructure | |
| | | | | | Faculty and Staff housing | Employee Housing | |
| | | | | | Open space | Park/Playground | |
| | | | | | Piggery | Commercial Infrastructure | |
| | | | | | Portion Crop Production | Commercial Agriculture | |
| | | | | | Portion grazing area | Commercial Agriculture | |
| | | | | | Poultry | Commercial Infrastructure | |
| | | | | | Sheep Barn | Commercial Infrastructure | |
| | | **TOTAL** | **10.9712** | | | | |

# B. PHYSICAL FEATURES AND ENVIRONMENTAL CONDITIONS

The capital town of Benguet Province, the Municipality of La Trinidad is located 256 kilometers north of Metro Manila. It is bounded on the north by the Municipality of Tublay, on the south by the city of Baguio, on the west by the Municipalities of Sablan and Tuba. Its geographical coordinates are 16 degrees, 21 minutes north latitude and 120 degrees and 35 minutes east longitude. *(La Trinidad Ecological Profile 2020).*

The municipality is relatively the most developed settlement in the province of Benguet because of its proximity to the City of Baguio. It is the gateway of the southern lowlands into Cordillera Region. Due to its advanced development, La Trinidad is considered as one of the Central Business District of Benguet. *(La Trinidad Ecological Profile 2020).*

**Topography**

Characterized by steep mountains and high terrain, amidst the mountain peaks, is an approximately 350-hextare valley. Across the valley runs the major water body, the Balili River running from Baguio towards the eastern edge of the valley flowing to the north. The Wangal River, Bayabas Pico, and Puguis Creeks flowing from the mountains from the Bolo Creek which runs across the valley and converges with the Balili River at Poblacion. Draining from the Busol Watershed are Ambiong Creek, Lubas Creek, and Tawang Creek joining the Balili River from the South. *(La Trinidad Ecological Profile 2020).*

Creeks in the northeast areas are separated into the east and west by the mountains and northern part of Alno. *Peril* Creek has its basin at Bagto Mountain. It runs through the Alno Valley and reaches the Balili River. Moreover, waters from Alapang Creek come from Balili River flowing from Bahong Cave. The Gayasi River from Wangal also drains itself into Balili River at Bineng. *(La Trinidad Ecological Profile 2020).*

Prominent mountains are "Marlboro" mountain located at Beckel, Mount *Mongo* and Mount *Mungao* located at Bineng, Mount *Yangbeo*, Mount *Kalugong* and Tawang Mountains all located at Tawang and Mount *Peripin Bato* at Pico. In the center of the municipality is the valley located within the barangays of Betag, Pico, Balili and Poblacion surrounded by cliffs and huge mountains of limestone. *(La Trinidad Ecological Profile 2020).*

**Geology (Rock Formation)**

The Bahong cave provides a characteristics example of rocks found in the Municipality. It is composed of tertiary limestone interbedded with poorly cemented layers of coral fragments and loose soil, and terrestrial deposits which provide a permeable layer through cracks along the bedded plane that have developed in it. *(La Trinidad Ecological Profile 2020).*

The permeability however, can also be aggravated by seepage from polluted waters. For instance, water from the Bahong cave is frothy and have offensive odor, contains traces of garbage and other wastes and is therefore assumed to omen from the Balili River and the Bahong spring. *(La Trinidad Ecological Profile 2020).*

The prevalence of limestone rock formation can be observed in many parts of the Municipality particularly, at the southern and parts such as Mt. Pico. Several springs are present at the mountain sides, the occurrence of which suggests that the imperious shade or other tertiary rocks exist with the limestone formations. There, where limestone formations are present, spring exist. *(La Trinidad Ecological Profile 2020).*

Various springs found in the municipality have been classified into three major types, namely 1) Piedmont lime land (limestone) – mostly found in the east and south ends of the La Trinidad valley notably, Pico Spring and Balili Spring; 2) Bed in impervious rocks (located in high elevations ranging from 1,200 to 1,385 meters AL) such as Lubas Spring and Bahong Alapang Spring; and 3) Fissure (conglomerate area) such as Sadag-Alno. Rock formation is present in Barangay Tawang and some parts of barangay Bineng and Alapang. *(La Trinidad Ecological Profile 2020).*

**Land Resources**

There are 16.722 square kilometers or 20.65% of the total land area of La Trinidad is classified as forest land and 64.0722 square kilometers classified within the Alienable and Disposable (A&D). Barangay Shilan has the highest area in terms of forest land which is 2.992 square kilometers or 17/90% of the total forest area. This is followed by Barangay Wangal with 2.713 square kilometers or 16.22%, Barangay Alno with 2.605 square kilometers or by 15.58%, Barangay Bineng with 2.251 square kilometers or 13.46%, Barangay Ambiong with 1.484 square kilometers or 8.87%, and Barangay Alapang with only 0.707 square kilometers or 4.23%. *(La Trinidad Ecological Profile 2020).*

**Water Resources**

The Municipality's major body is the Balili River which runs south towards the north through the eastern edge of the valley. It joins the Payeng River and the confluences of these two rivers which flow towards the Lingayen Golf. *(La Trinidad Ecological Profile 2020).*

The Balili River is the main water catchment in the valley which originates from the various creeks and tributaries in Baguio City and flows northward across the municipality to become a tributary of the Naguilian River, which is in turn flows out the West Philippine Sea. Twelve major creeks that drain from three (3) directions in the Municipality are tributaries to Balili River is unstable for Domestic use and not even recommended for irrigation purposes. Accordingly, it is badly contaminated with sewage. This poses danger to the water aquifer in view of the ground permeability of the valley. *(La Trinidad Ecological Profile 2020).*

Balili River has its headwaters at Sagudin River located within barangay Trancoville in Baguio City. Tributary creeks coming from the barangays of Pacdal, Cabinet Hill, New Lucban, Honeymoon, Guisad, and Sto. Niño (formerly slaughter) nourish Sagudin River. All the aforementioned tributary creeks converge and flows downstream converging with the waters form La Trinidad Benguet, in what is known as Balili River passing through Sablan and drains into Upper Naguilian River as one of the major tributaries.

*(La Trinidad Ecological Profile 2020)*

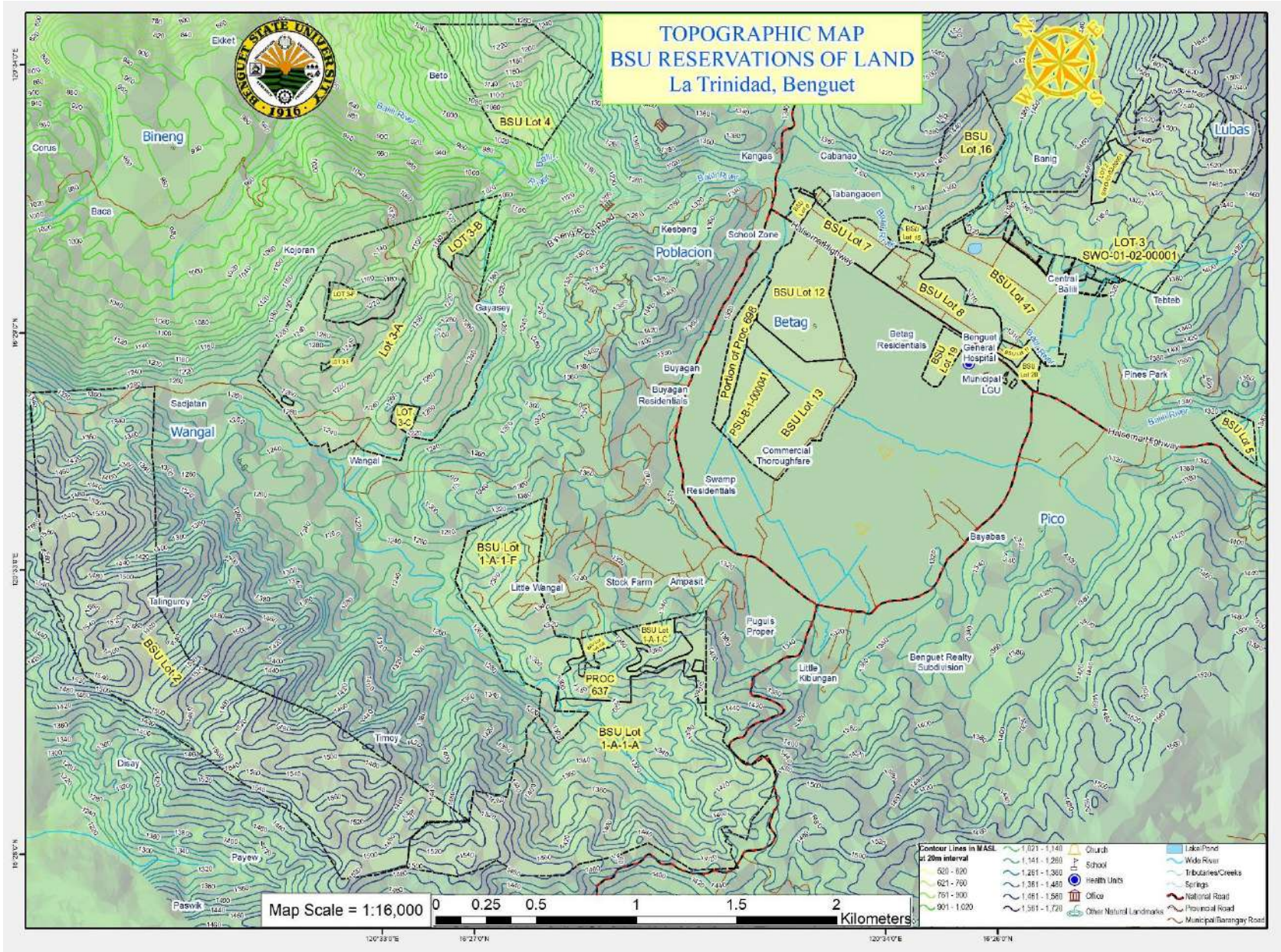



Figure 22. BSU La Trinidad Campus (Main) – Topographic Map

Balili River as per assessment in 1975 is still classified as a "Class A" river. But technically it has failed to meet the water quality criteria. Class A is intended for public water supply, which means that with a little treatment, the water could be used for drinking. Through the years, this condition continuously deteriorated *(as cited in La Trinidad Ecological Profile 2020).*

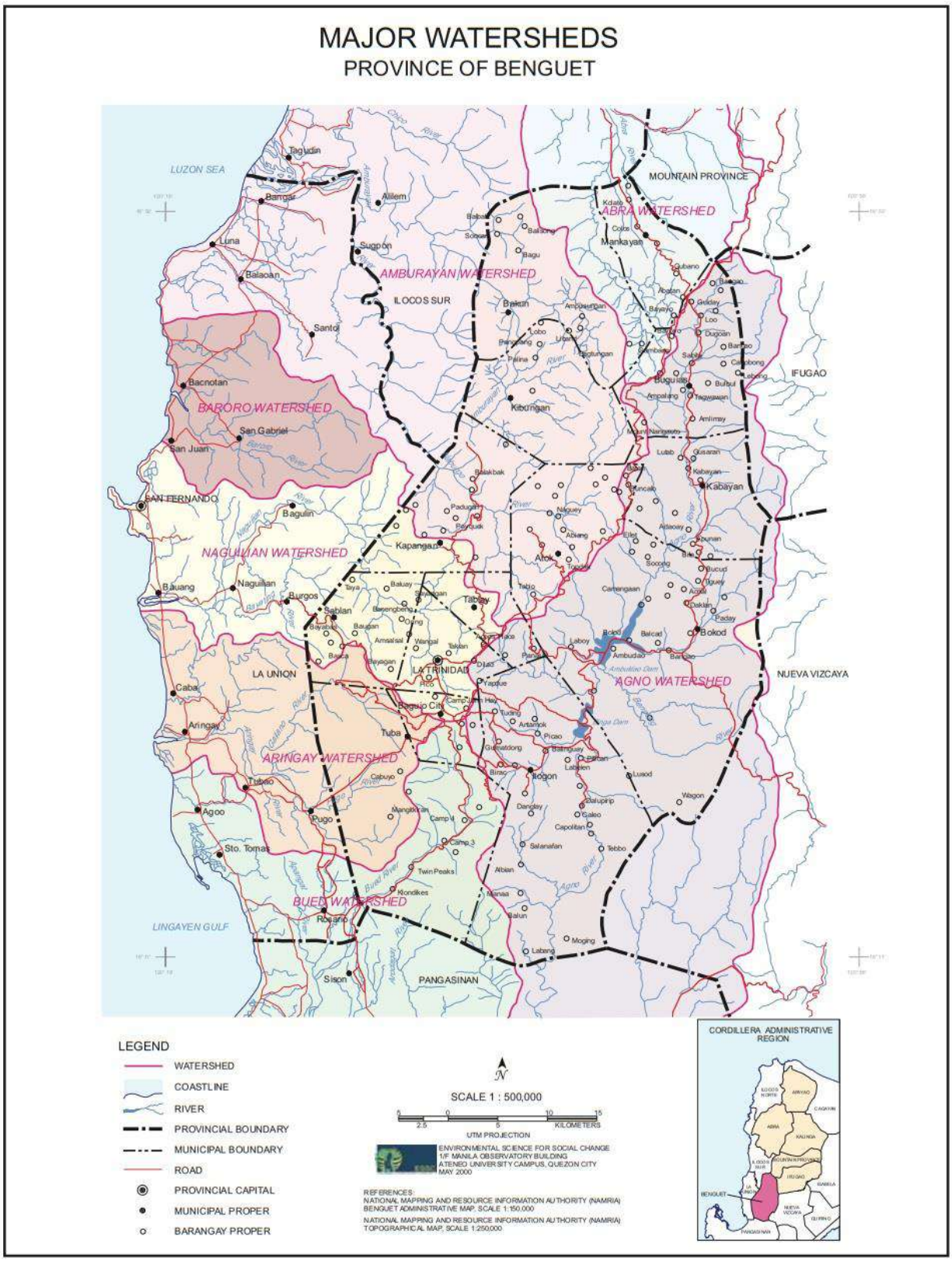



Figure 23. Watershed in the Province of Benguet *(essc.org.ph)*

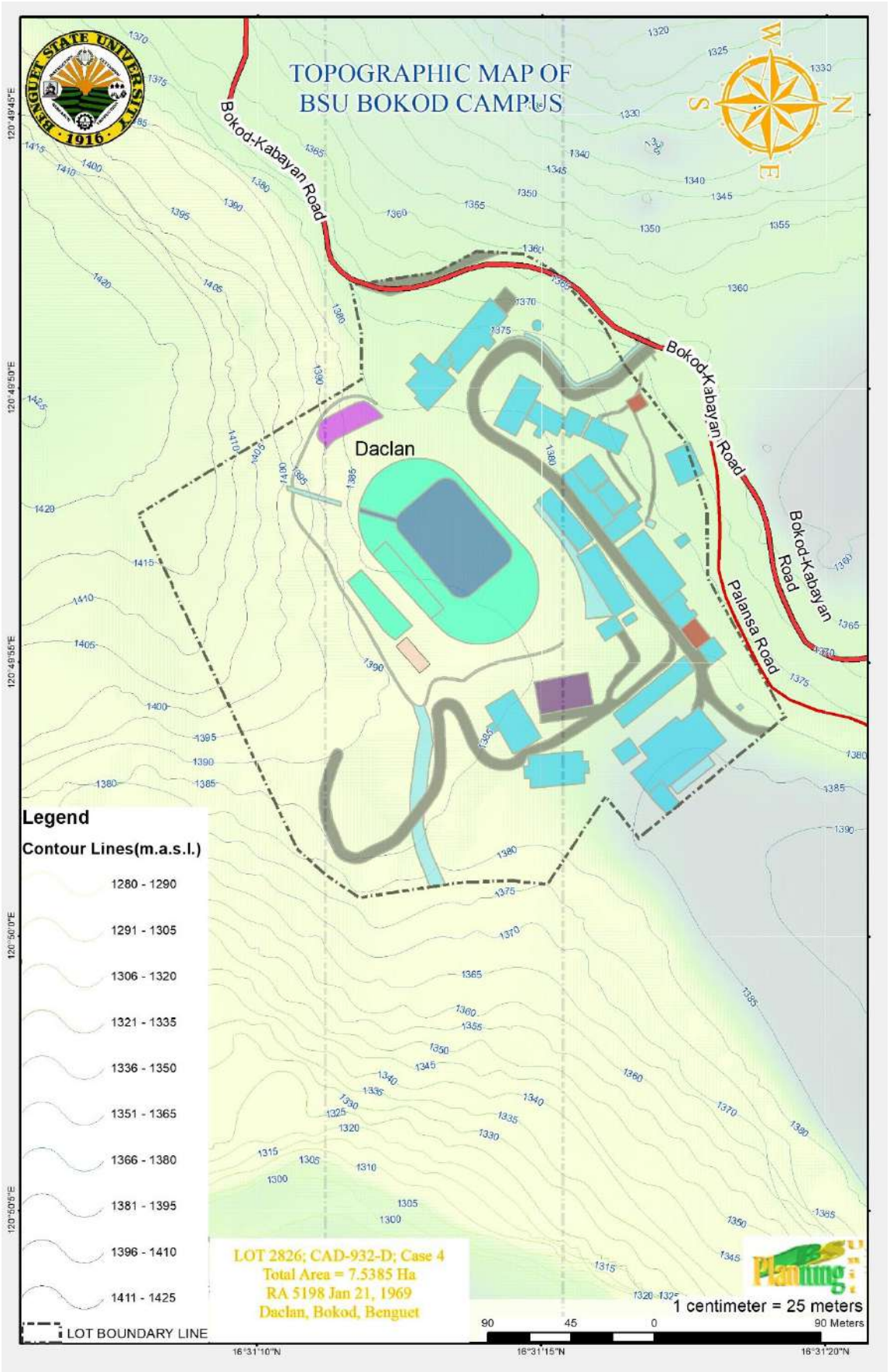



Figure 24. BSU Bokod Campus – Topographic Map

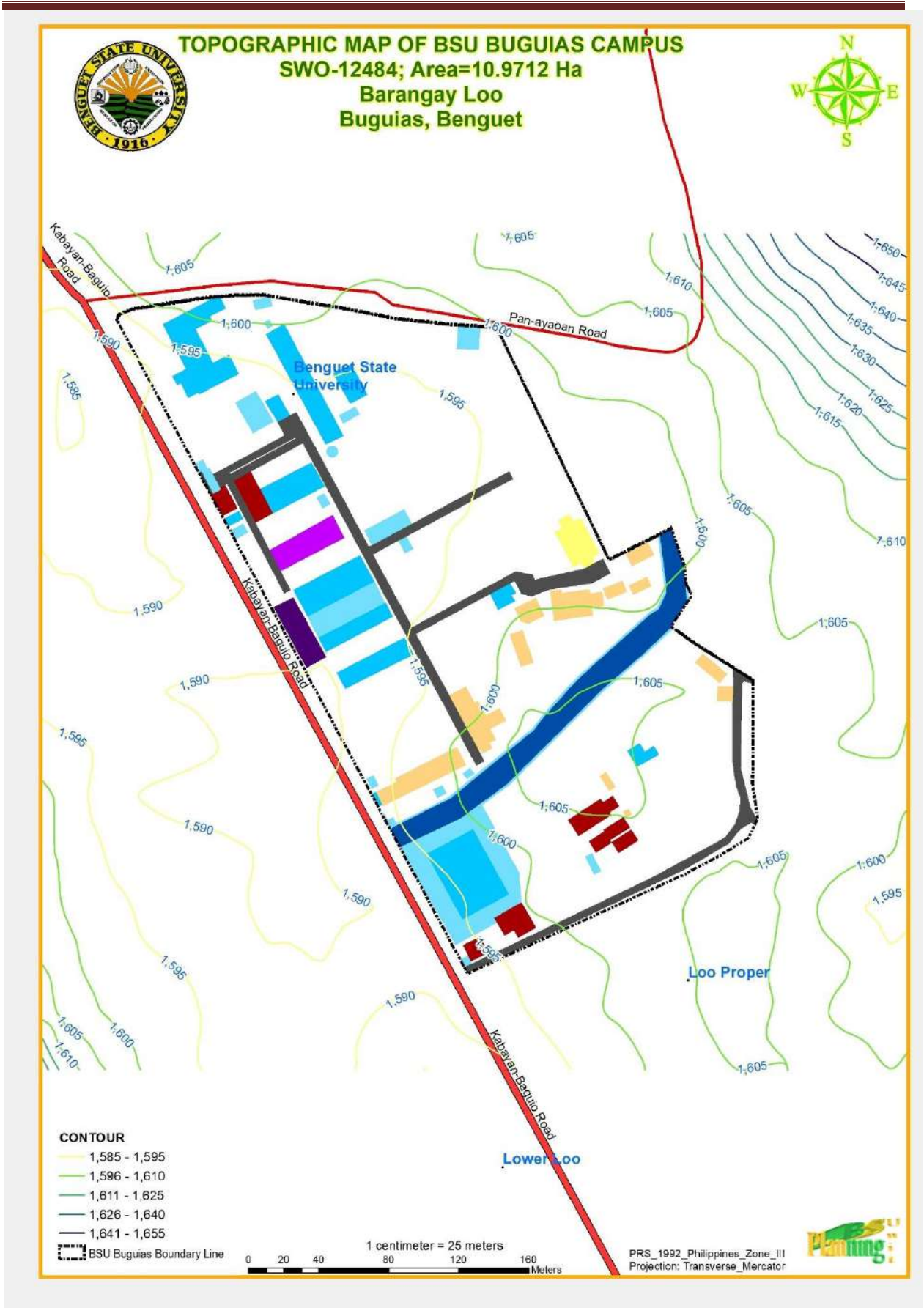



Figure 25. BSU Bokod Campus – Topographic Map

**Cordillera's River System**

The Cordillera is dubbed as the watershed cradle of Northern Luzon. Its forests sustain six of Northern Luzon's major river systems. Perhaps because of this, government classifies 85% of the region as forestland. Of this, 30% is officially designated as forest reserve.

The Mount Data forest reserve, located along the Benguet-Mountain Province boundary, hosts the headwaters of five major rivers that traverse the Cordillera provinces and drain into the lowlands.

Table 29. Major River System *(as cited in Cordillera Peoples Alliance website)*

| Water Resources | Description |
|---|---|
| **Chico River** | It cuts through Mountain Province into Kalinga, where it is fed by the Tanuda, Pasil, and Saltan rivers. From Kalinga, it flows into Cagayan province where it drains into the Rio Grande de Cagayan. |
| **Ahin River** | It flows eastward from Mt. Data, through the province of Ifugao, where it is joined by the Ibulao river before it empties into the Magat river along the Ifugao-Isabela border. |
| **Siffu River** | Another Magat tributary, originates from eastern Mountain Province, cuts through Ifugao, then drains into Magat in Isabela. |
| **Abra River** | It flows westward from Mt. Data, descends to Cervantes, Ilocos Sur, and flows to the province of Abra, where it is joined by the Tineg River, which originates from the Abra uplands. It exits Abra and cuts through Ilocos Sur before emptying into West Philippine Sea. |
| **Amburayan River** | It flows southwestward from Mt. Data, traverses western Benguet, then drains into La Union, where it is fed by the Naguilian and Aringay rivers that also originate in Benguet, then empties into the West Philippine Sea. |
| **Agno River** | From Mt. Data, it flows southward through eastern Benguet, then drains into Pangasinan. Here it takes a westerly course, swings back north, and then drains into Lingayen Gulf. Agno has numerous tributaries, the largest of which is the Bued River. |

Farthest north in the Cordillera region are the twin rivers, Abulug River and Apayao River, both originating from the province of Apayao. They meet near Kabugao municipality and from there drain to the sea.

Cordillera's river basins have enormous water-bearing capacity. They have a total drainage area of 5,447,500 hectares and groundwater storage of about 150 million cubic meters. Government planners say this is more than enough for supplying the irrigation and energy needs of entire Northern Luzon.
*(as cited in Cordillera Peoples Alliance website)*

**Waste Generation.** The University through to its Pollution Control Office (PCO) is mainly mandated by the DENR-EMB to manage its hazardous wastes generated within the premises of the Campus. Due to these integrated functions, the waste management plan has been drafted through the BSU-S4R or the Waste Management and Environmental Sustainability Program. This waste management framework is adopted for a Materials Recovery Facility (MRF) that is being proposed as an inclusion in the enhanced BSU LUDIP. Solid waste generation relative to projected population over ten years is presented as reference for the enhanced BSU LUDIP.

The following are the data collected through Waste Analysis and Characterization Study (WACS) from January 2020- January 2021 using existing waste bins from the different BSU colleges. It is noted that face to face classes were not regular during this period and pandemic transitions for face-to-face classes were still being piloted. A memorandum issued by the university prohibiting the disposal of pandemic wastes such as face shields and face masks inside BSU campus is considered during the data collection. Table 21 shows the solid wastes monitored from January 2020- January 2021.

Table 30. Characterized BSU generated wastes and corresponding weights

| SOLID WASTES | | | |
|---|---|---|---|
| **General Characterization** | **Descriptive Potential** | **Suggested Management** | **Total average per month (8 colleges, 3 institutes, plus GS and OU, less from Balili clean-up drives)** |
| **Paper** | Reusable | - Printable<br>- Scrap | ~ 230 kilos |
| | Non-reusable | - Shredding (data sensitive)<br>- Animal | |
| **Plastics (PET)** | Reusable | - Planters<br>- Material containers<br>- Laboratory resource | ~ 175 kilos |
| | Non-reusable | - Disposal (sale)<br>- Disposal (residual) | |
| **Bottles (Glass)** | Reusable | - Containers | ~ 85 kilos |
| | Non-reusable | - Disposal (sale)<br>- Disposal (residual)<br>- Broken (hazardous) | |
| **Residuals** | Biodegradable | - Non-oil based (fertilizers)<br>- Oil-based (hazardous) | ~ 380 kilos |
| | Non-biodegradable | - Municipal Waste for collection | |
| | | **TOTAL** | **870 kilos** |

Waste Generation Relative to Existing Population:

Estimated student population 2019-2020 = ~ 8,000
Estimated employee population = ~ 1130
TOTAL = 9130

Aggregated Solid Waste Generation/person/month

Paper = .02519 kg or 25.19 grams/month
Plastic = .01916 kg or 19.17 grams/month
Bottles = .00931 kg or 9.31 grams/month
Residuals = .04162 kg or 41.62 grams/month

Average Solid Waste Generation/person/month = 0.0953 **kg/month**
**or 95.3 grams/month**

**Waste Generation Projection from 2018 to 2027 (10 years)**

Table 43 provides a computed projection of waste generation by BSU from 2018 to 2027 or a ten (10) year projection based on projected increase in population. It is noted that the projections are conservative since baseline data for the computation of solid waste generation per person was done during a pandemic period where the conduct of face-to-face classes was still in transition.

Table 31. Projected Waste Generation Relative to Population from 2018-2027

| Year | Projected Population | Total Population | Total Waste Generated (kgs)/day | Total Waste Generated |
|---|---|---|---|---|
| **2018** | 932+7,500 | 8,432 | No data | |
| **2019** | 1,122+8,000 | 9,122 | No data | |
| **2020** | 1,130+8,000 | 9,130 | 29 | 870 |
| **2021** | 1,158+10,000 | 11,158 | 35.45 | 1,063.36 |
| **2022** | 1,239+14,000 | 15,239 | 48.41 | 1,452.28 |
| **2023** | 1,316+15,000 | 16,316 | 51.83 | 1,554.92 |
| **2024** | 1,310+15,500 | 16,810 | 53.49 | 1,601.99 |
| **2025** | 1,308+16,000 | 17,308 | 54.99 | 1,649.45 |
| **2026** | 1,312+17,000 | 18,312 | 58.17 | 1,745.13 |
| **2027** | 1,343+18,000 | 19,343 | 61.45 | 1,843.39 |

It is projected that in the span of ten-years (2018-2027) period, there will be more or less 19,343 students and employees. This was based on current statistics provided by the Office of the University Registrar (OUR) and the Human Resource Management Office (HRMO) for the school year 2022-2023. The projections for 2023 to 2027 on student and employee population are based on targets set during the operational planning for finance and college-based operational plans and targets.

**Programmatic Actions**

With a conservative projection of 1.843 Tons of generated solid waste per month which equates to 22.116 Tons of solid wastes per year by 2027, the Pollution Control Office has made a strong recommendation for the construction of a Materials Recovery Facility (MRF) in the campus. The inclusion and identification of a development site in the LUDIP for a university MRF is critical for the sustainable management of solid waste and the high potential for reduction in the overall disposal of residual wastes to the municipal collectors. The MRF shall serve as a critical component in the integrated solid waste management that is framed in the BSU S4R waste management program. Furthermore, the establishment of the MRF would ensure environmental compliance to waste management regulations set by the DENR-EMB.

**Timeframes and Implementation**

The identification of an MRF site in the LUDIP has been established during the March 2023 operational planning. This will facilitate the on-site inspection and safety recommendations based on identified existing and adjacent facilities and environmental conditions that may be impacted by the establishment of the MRF.

| | |
|---|---|
| July 2023 to August 2023 | - Onsite inspection and observation; report generation |
| September 2023- December 2023 | - Feasibility, Design, Budget Proposal |
| | - Submission of Budget Proposal |
| January 2024- June 2024 | - Possible Implementation |

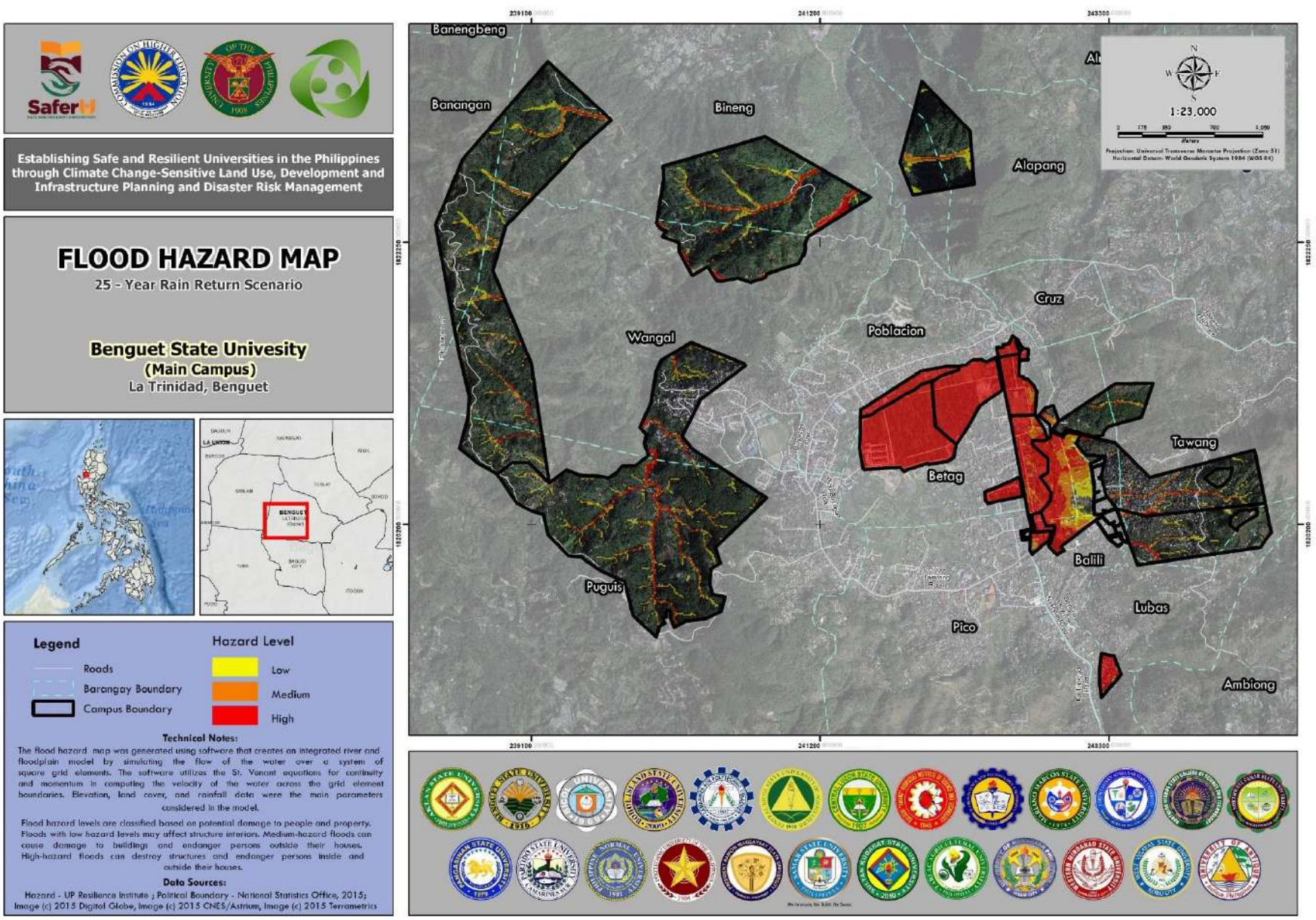



Figure 26. Flood Hazard Map

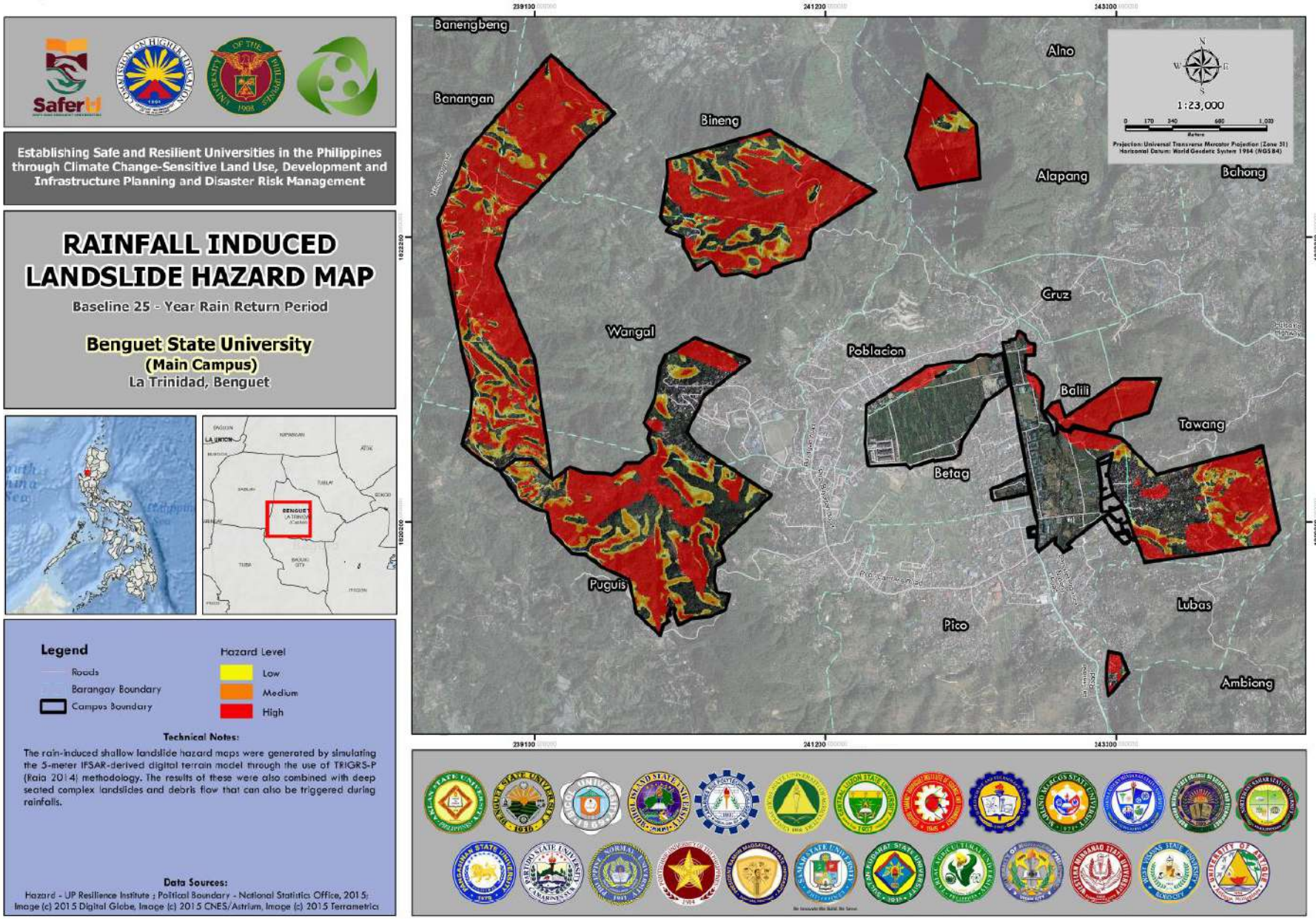



Figure 27. Rainfall Induced Landslide Hazard

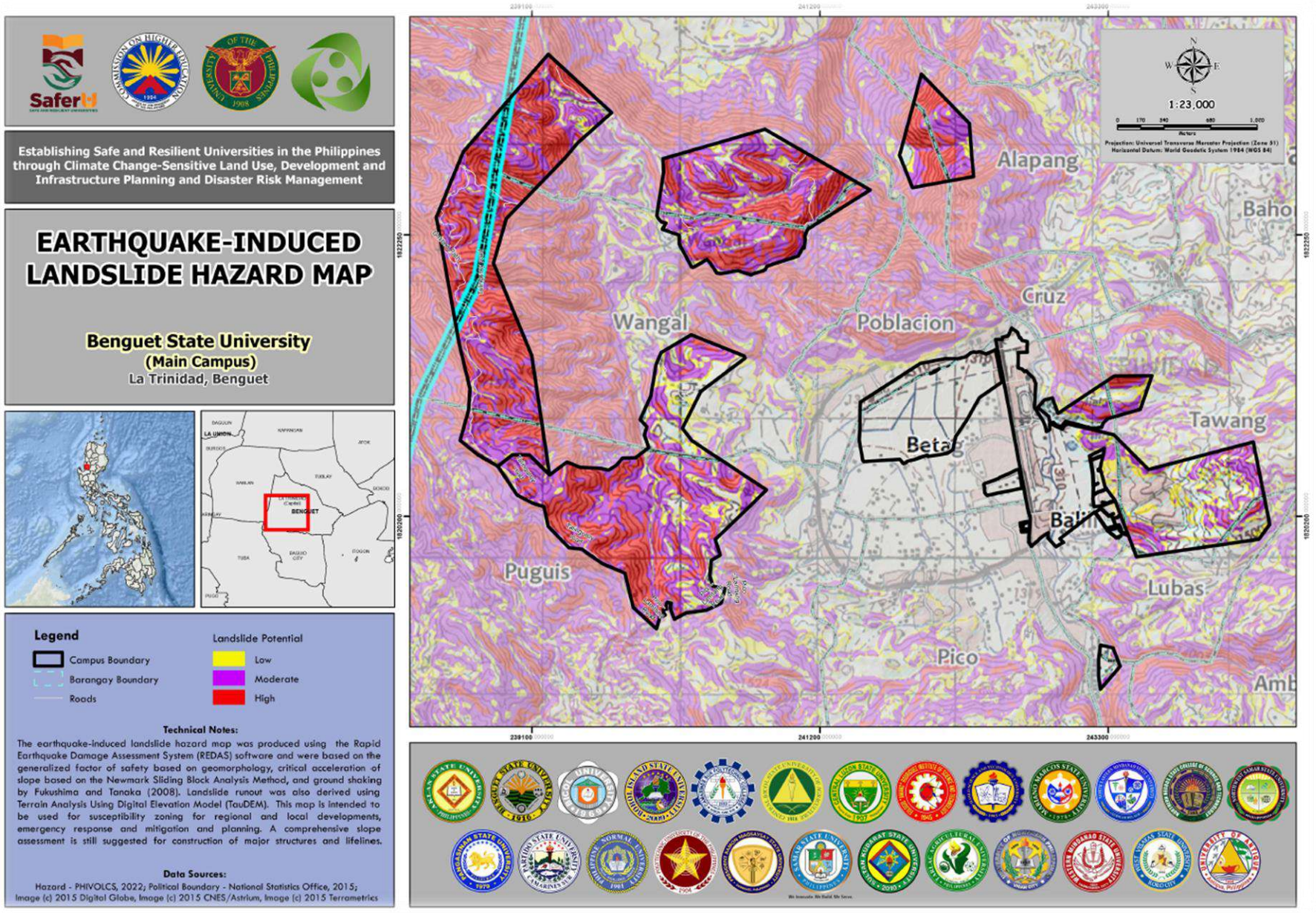



Figure 28. Earthquake-Induced Landslide Hazard Map

# III. Land Use Development & Infrastructure Plan and Investment Plan

## A. LAND USE ZONES

## (Based on Previous Land Use Zones of the BSU Land Use Plan 2018-2027)

Figure 29. Existing Land Use Map of Lot 1-A-1
Brgy. Wangal, Bektey, Ampasit , Long Long, Bato
Survey Plan No. SWO-a-00792
Tax Declaration No. 99-013-07303

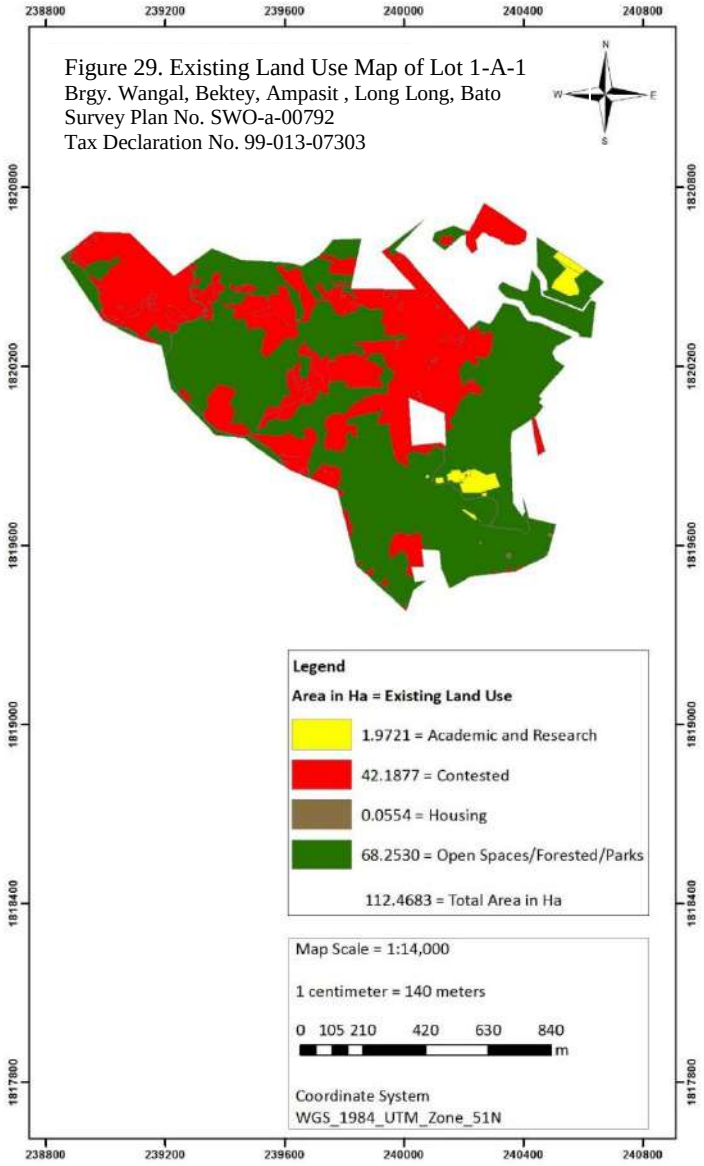
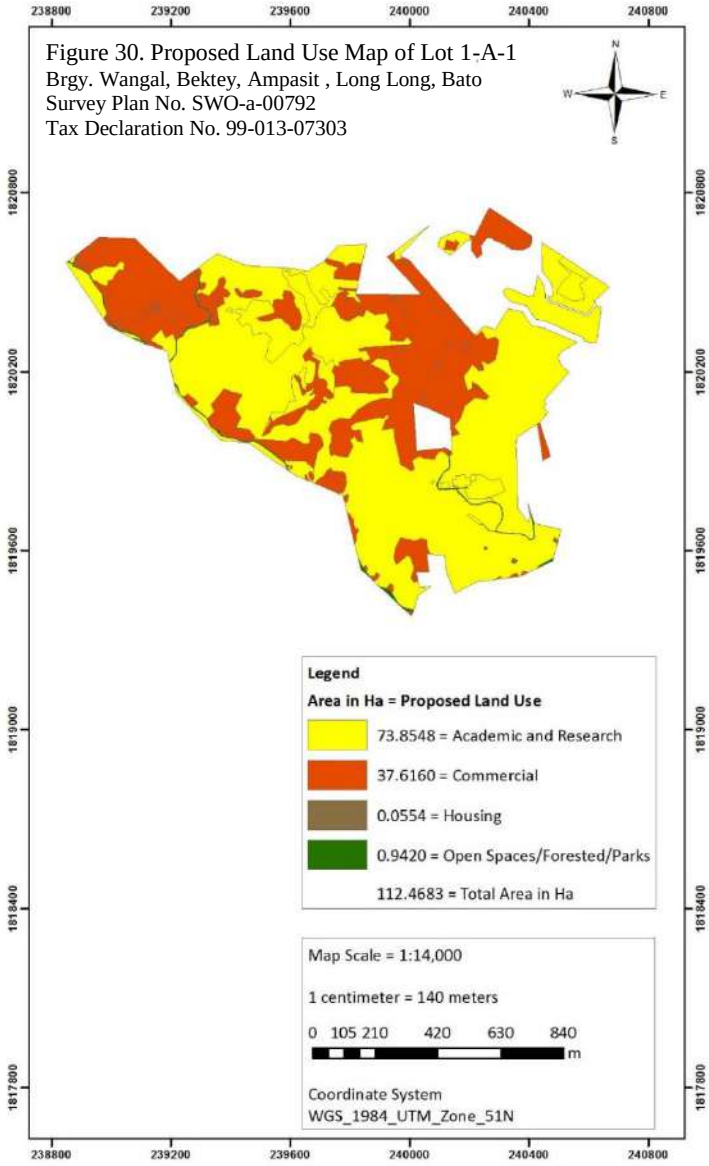



Figure 30. Proposed Land Use Map of Lot 1-A-1
Brgy. Wangal, Bektey, Ampasit , Long Long, Bato
Survey Plan No. SWO-a-00792
Tax Declaration No. 99-013-07303



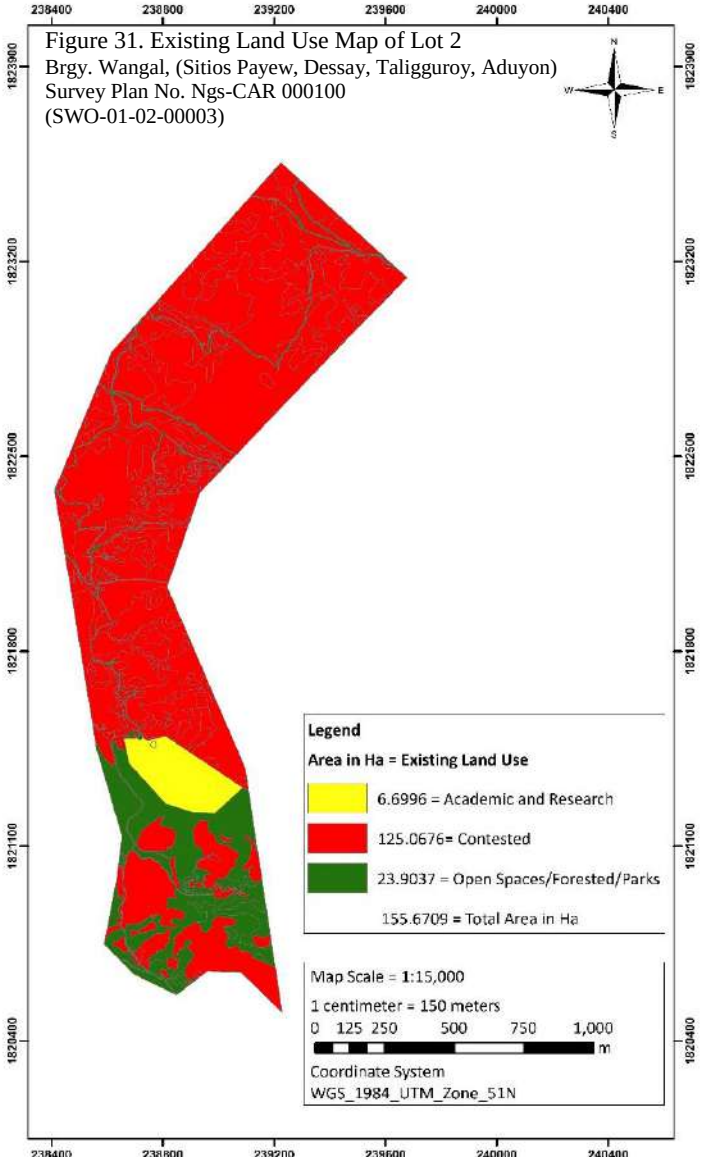



Figure 31. Existing Land Use Map of Lot 2
Brgy. Wangal, (Sitios Payew, Dessay, Taligguroy, Aduyon)
Survey Plan No. Ngs-CAR 000100
(SWO-01-02-00003)

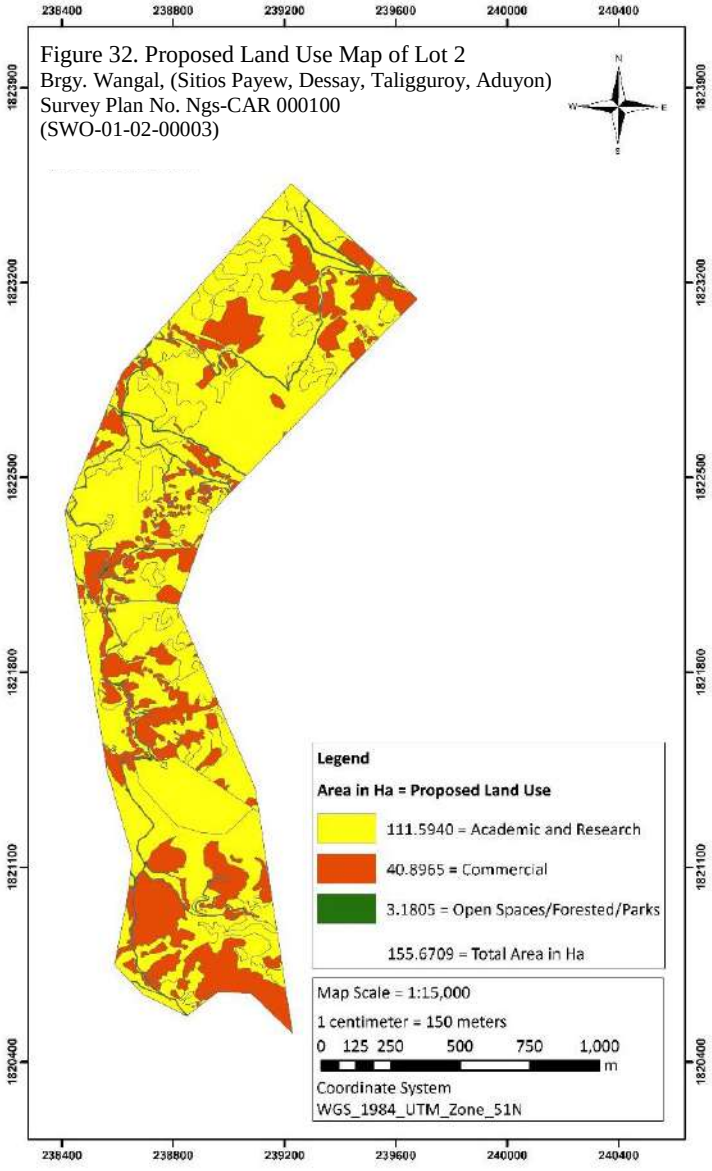



Figure 32. Proposed Land Use Map of Lot 2
Brgy. Wangal, (Sitios Payew, Dessay, Taligguroy, Aduyon)
Survey Plan No. Ngs-CAR 000100
(SWO-01-02-00003)

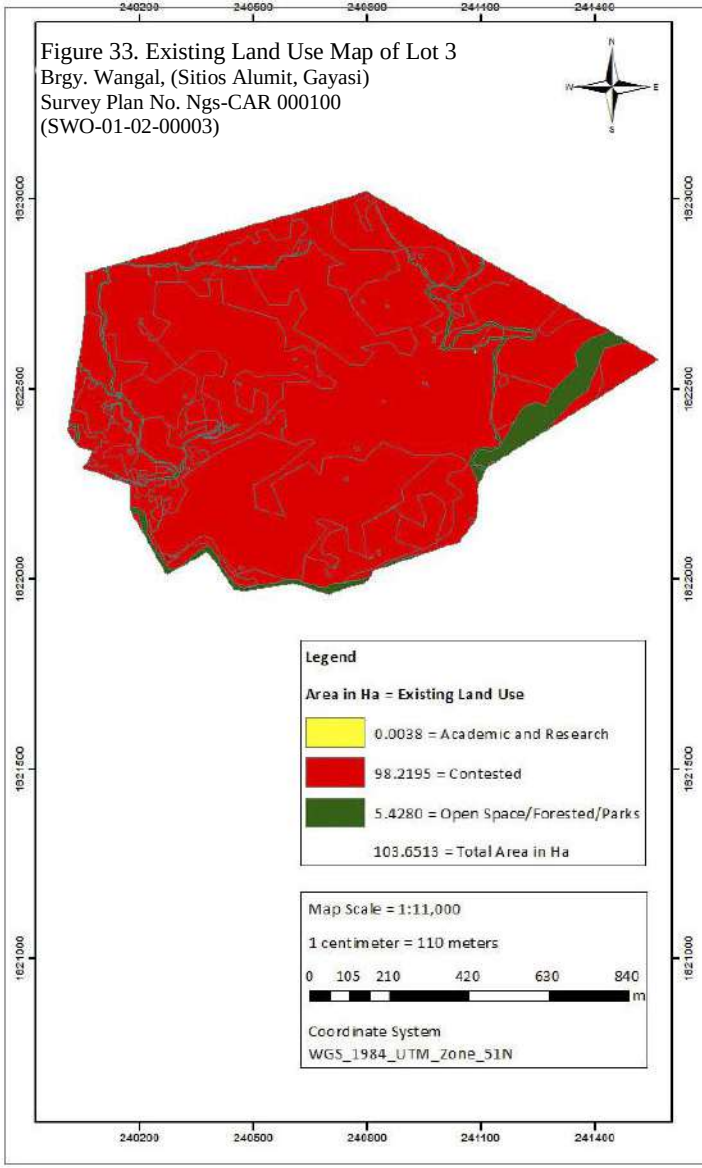



Figure 33. Existing Land Use Map of Lot 3
Brgy. Wangal, (Sitios Alumit, Gayasi)
Survey Plan No. Ngs-CAR 000100
(SWO-01-02-00003)

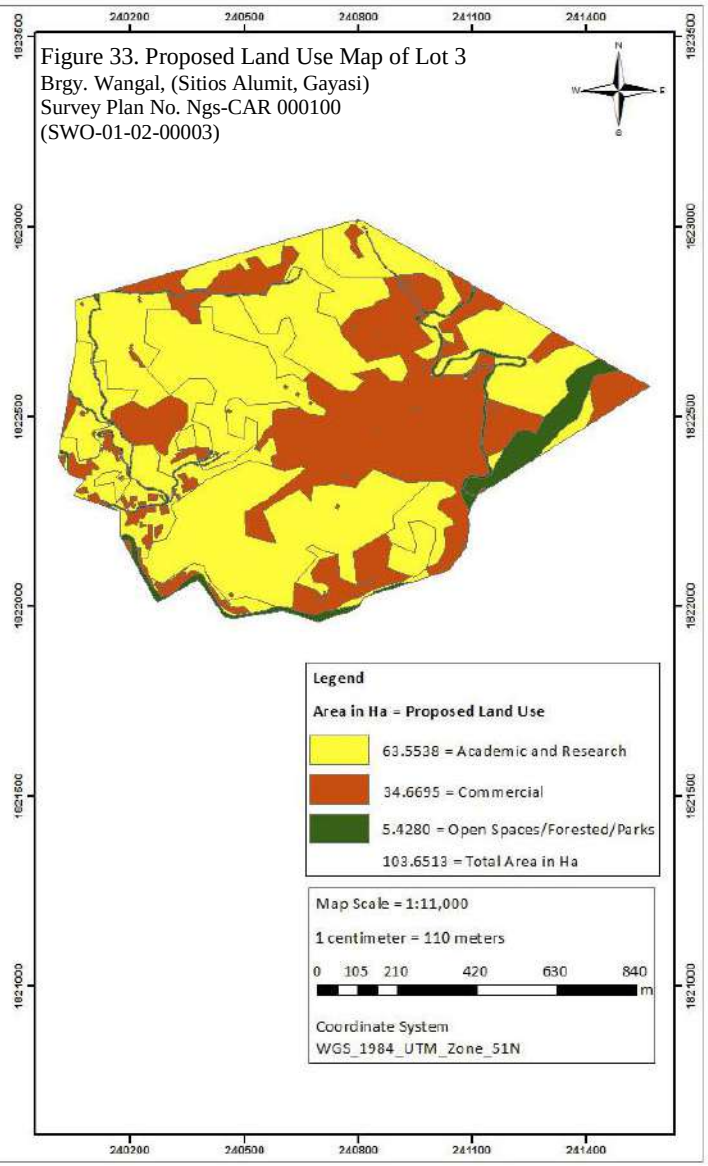



Figure 33. Proposed Land Use Map of Lot 3
Brgy. Wangal, (Sitios Alumit, Gayasi)
Survey Plan No. Ngs-CAR 000100
(SWO-01-02-00003)

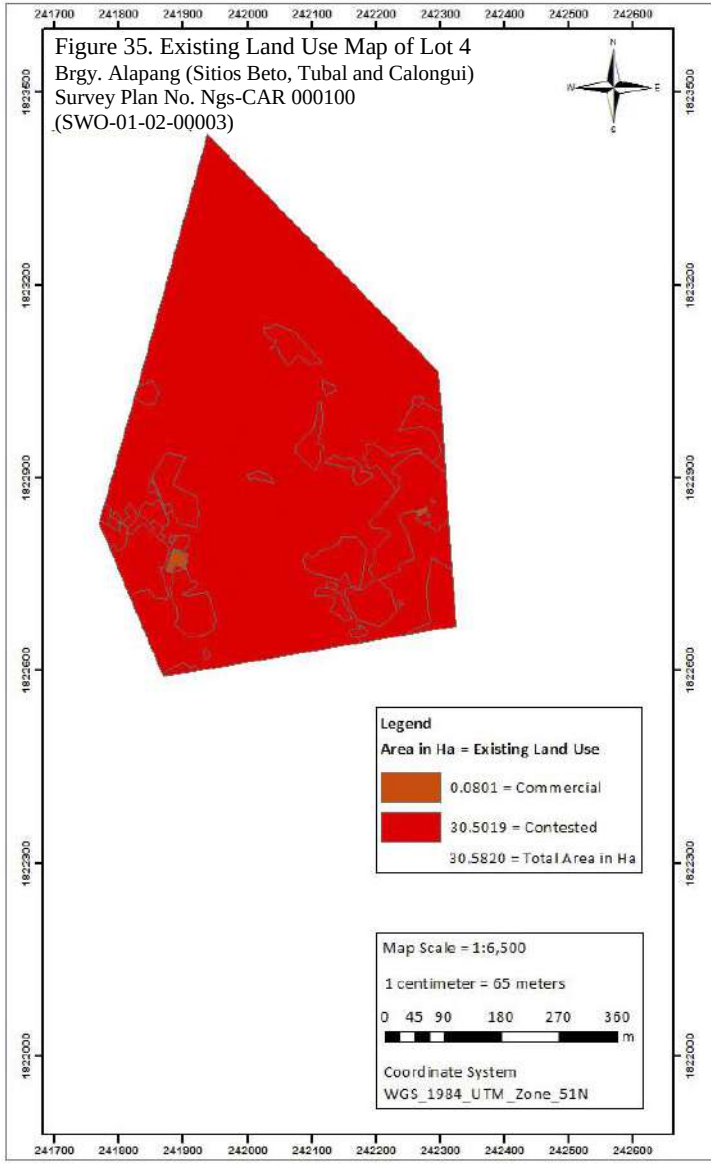



Figure 35. Existing Land Use Map of Lot 4
Brgy. Alapang (Sitios Beto, Tubal and Calongui)
Survey Plan No. Ngs-CAR 000100
(SWO-01-02-00003)

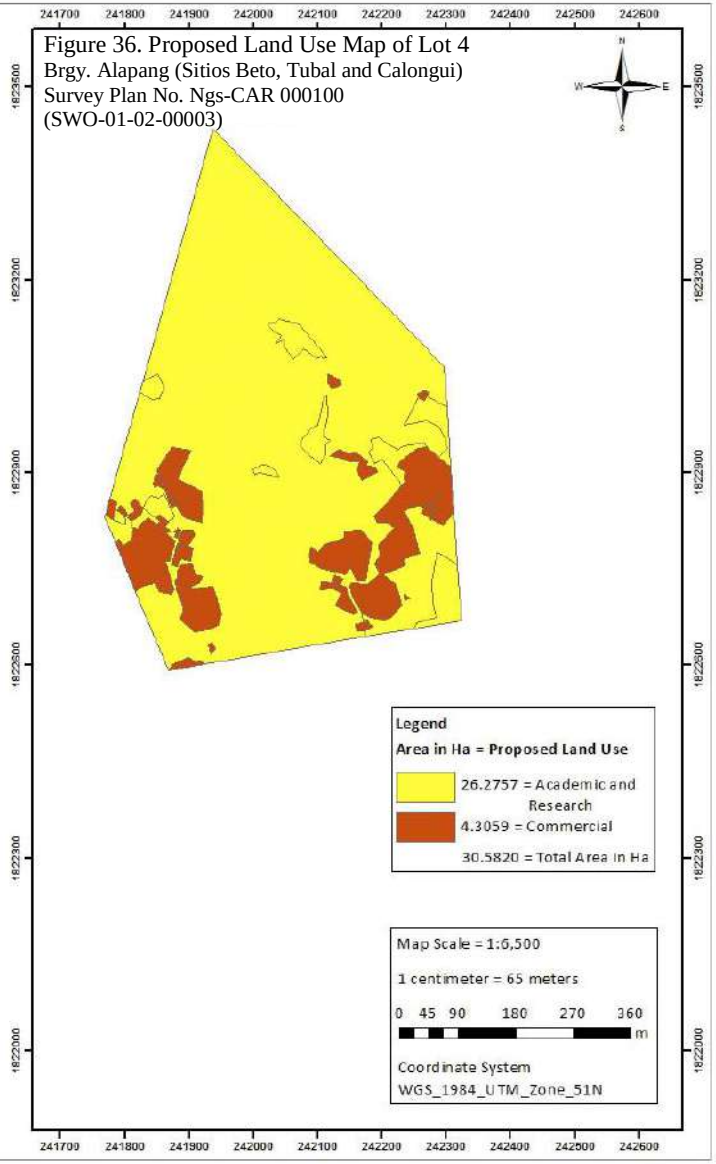



Figure 36. Proposed Land Use Map of Lot 4
Brgy. Alapang (Sitios Beto, Tubal and Calongui)
Survey Plan No. Ngs-CAR 000100
(SWO-01-02-00003)

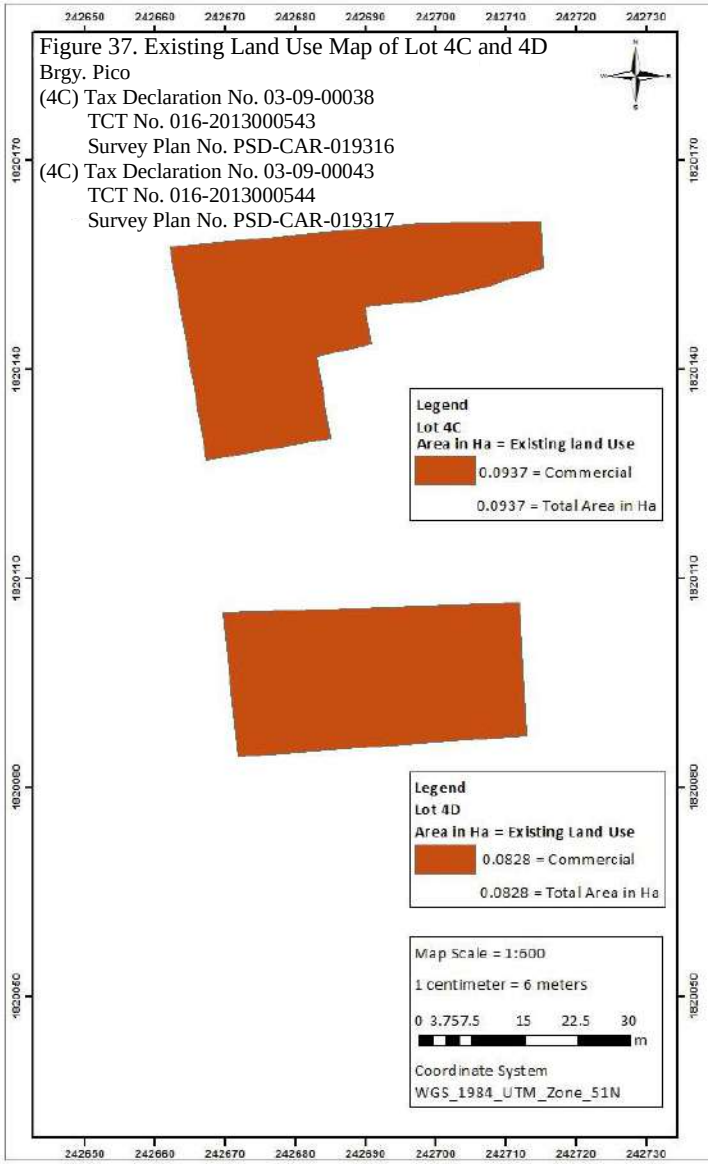



Figure 37. Existing Land Use Map of Lot 4C and 4D
Brgy. Pico
(4C) Tax Declaration No. 03-09-00038
TCT No. 016-2013000543
Survey Plan No. PSD-CAR-019316
(4C) Tax Declaration No. 03-09-00043
TCT No. 016-2013000544
Survey Plan No. PSD-CAR-019317

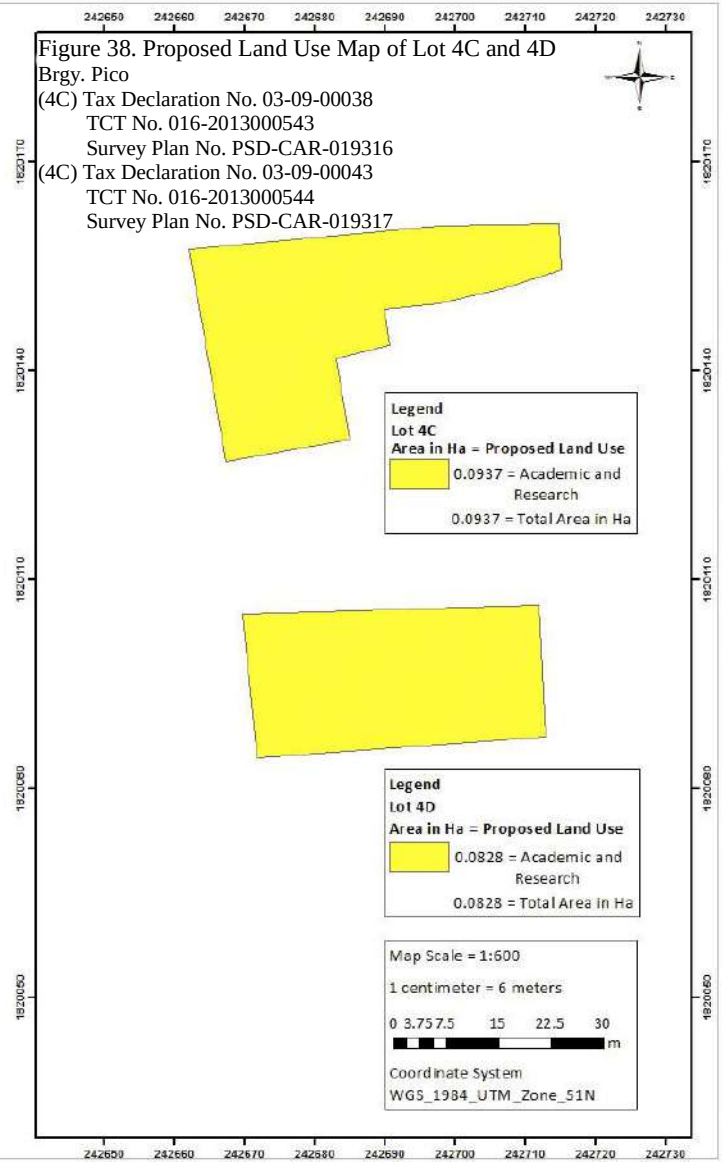



Figure 38. Proposed Land Use Map of Lot 4C and 4D
Brgy. Pico
(4C) Tax Declaration No. 03-09-00038
TCT No. 016-2013000543
Survey Plan No. PSD-CAR-019316
(4C) Tax Declaration No. 03-09-00043
TCT No. 016-2013000544
Survey Plan No. PSD-CAR-019317

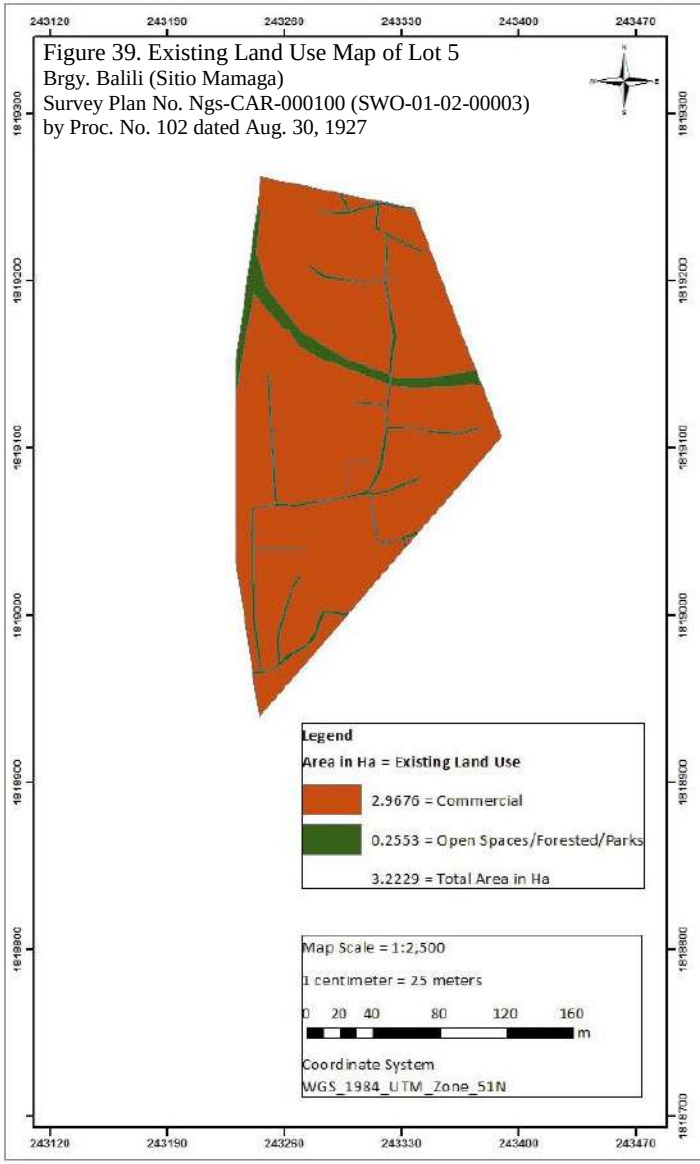



Figure 39. Existing Land Use Map of Lot 5
Brgy. Balili (Sitio Mamaga)
Survey Plan No. Ngs-CAR-000100 (SWO-01-02-00003)
by Proc. No. 102 dated Aug. 30, 1927

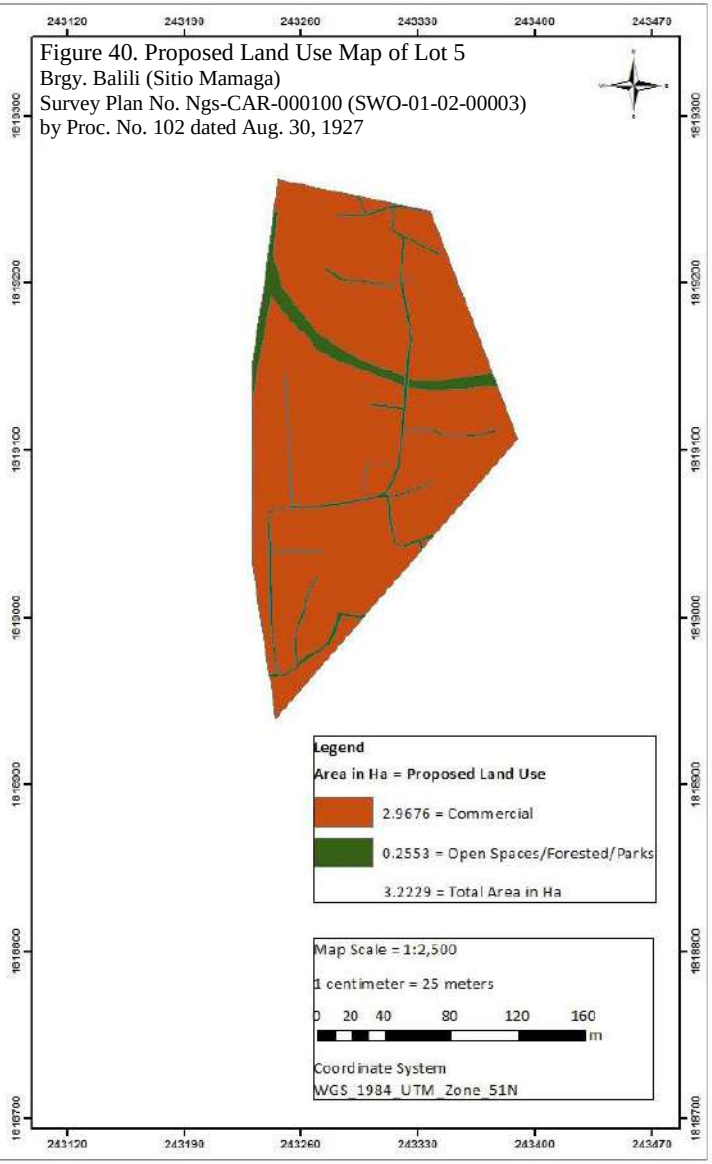



Figure 40. Proposed Land Use Map of Lot 5
Brgy. Balili (Sitio Mamaga)
Survey Plan No. Ngs-CAR-000100 (SWO-01-02-00003)
by Proc. No. 102 dated Aug. 30, 1927

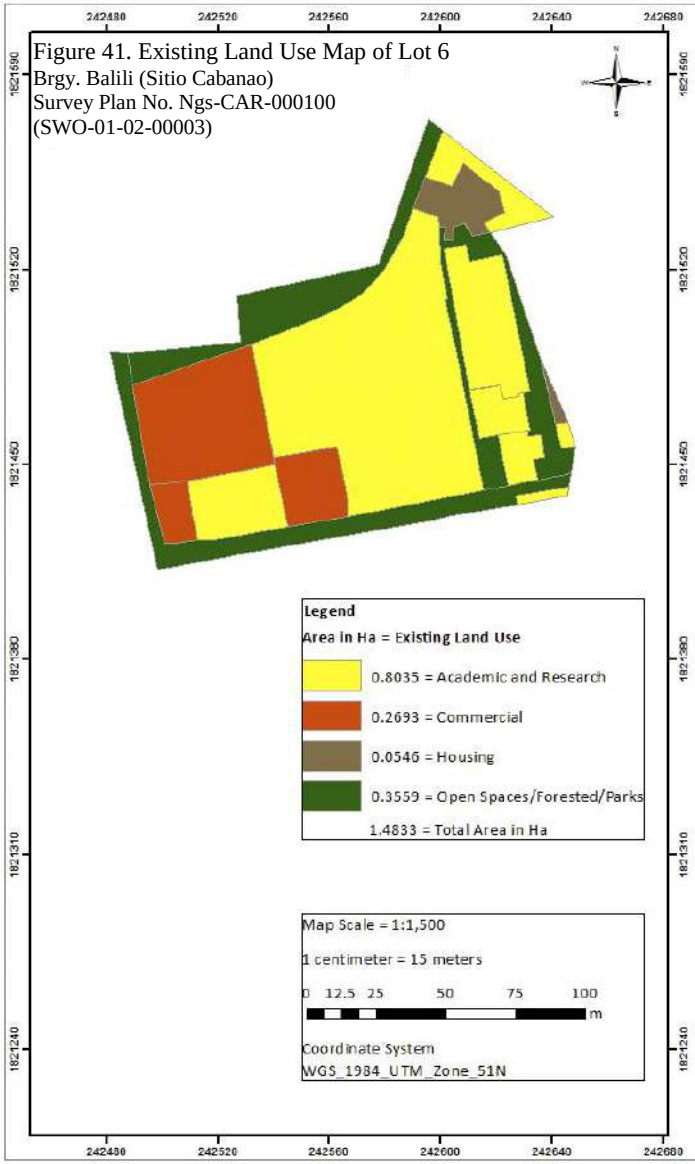



Figure 41. Existing Land Use Map of Lot 6
Brgy. Balili (Sitio Cabanao)
Survey Plan No. Ngs-CAR-000100
(SWO-01-02-00003)

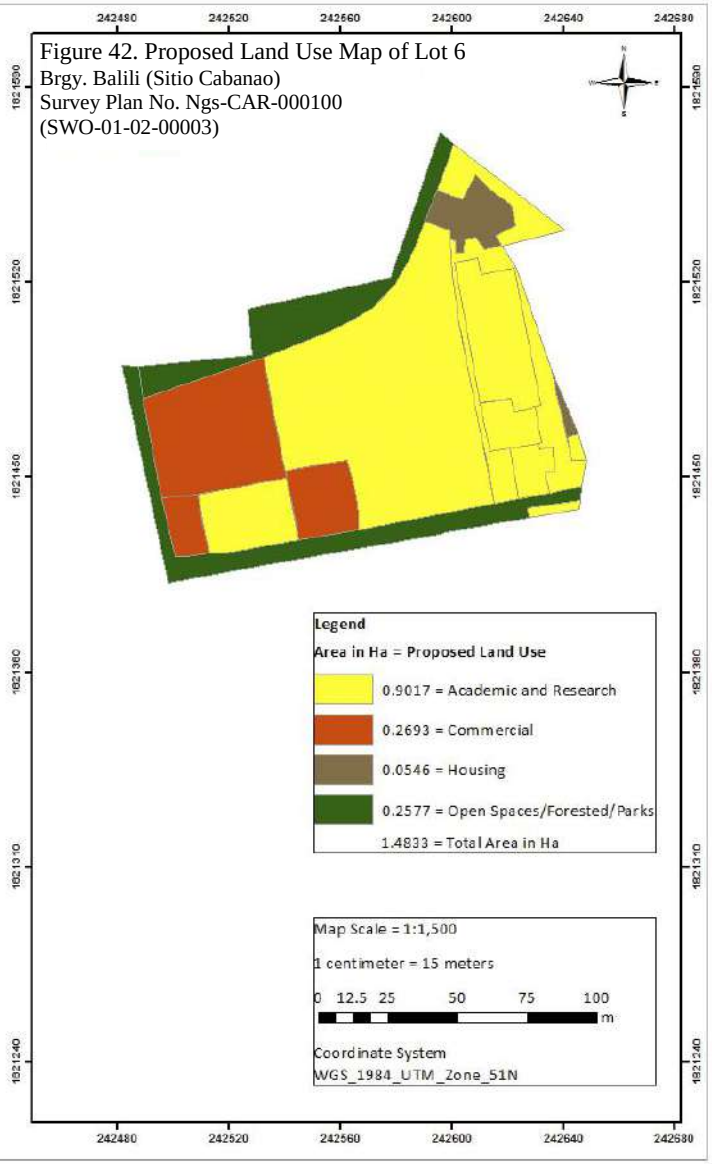



Figure 42. Proposed Land Use Map of Lot 6
Brgy. Balili (Sitio Cabanao)
Survey Plan No. Ngs-CAR-000100
(SWO-01-02-00003)

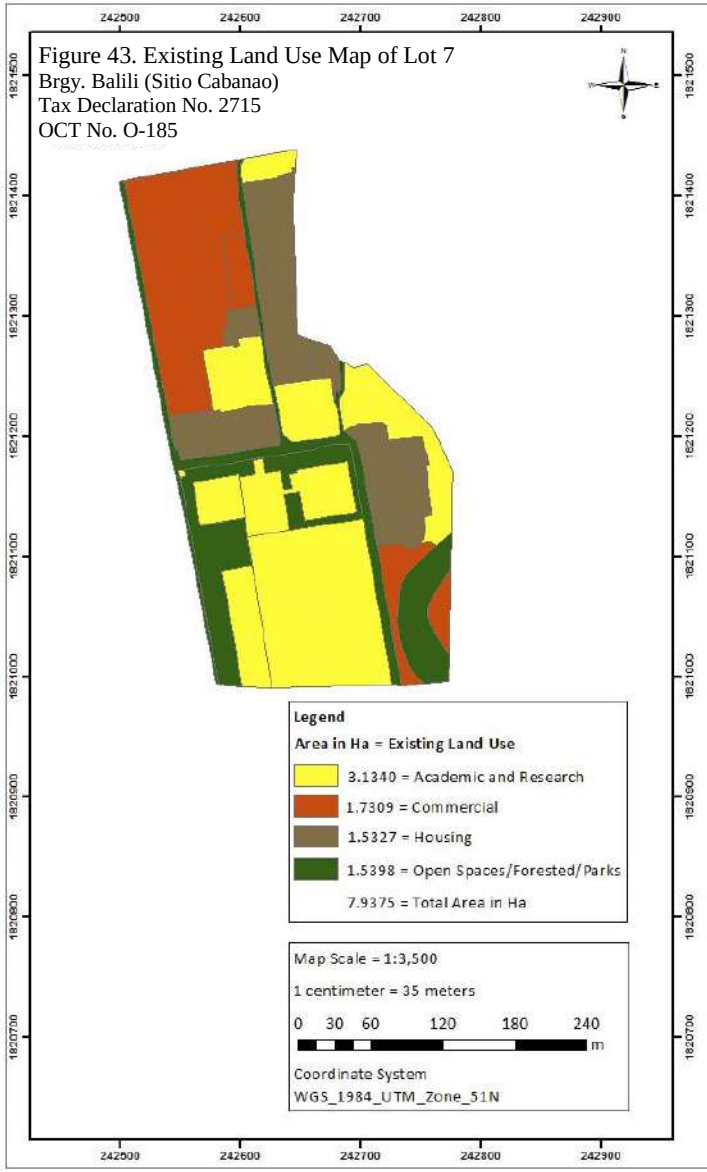



Figure 43. Existing Land Use Map of Lot 7
Brgy. Balili (Sitio Cabanao)
Tax Declaration No. 2715
OCT No. O-185

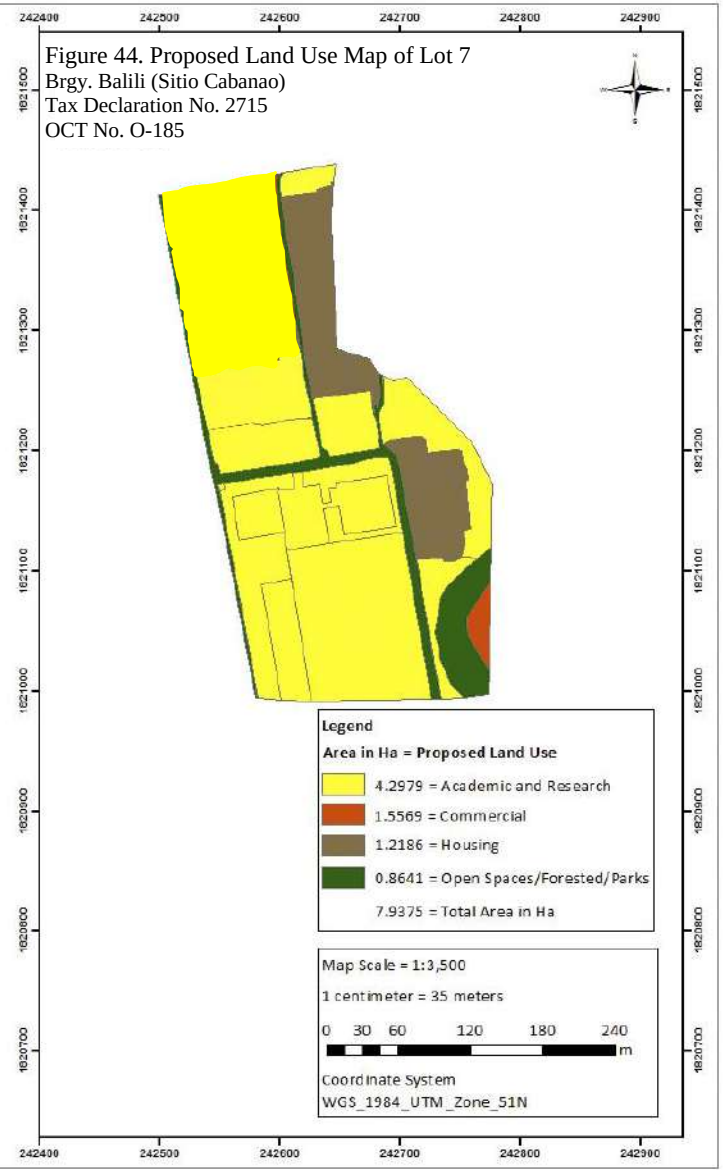



Figure 44. Proposed Land Use Map of Lot 7
Brgy. Balili (Sitio Cabanao)
Tax Declaration No. 2715
OCT No. O-185




Figure 45. Existing Land Use Map of Lot 8
Brgy. Balili (Sitio Cabanao)
OCT No. O-185

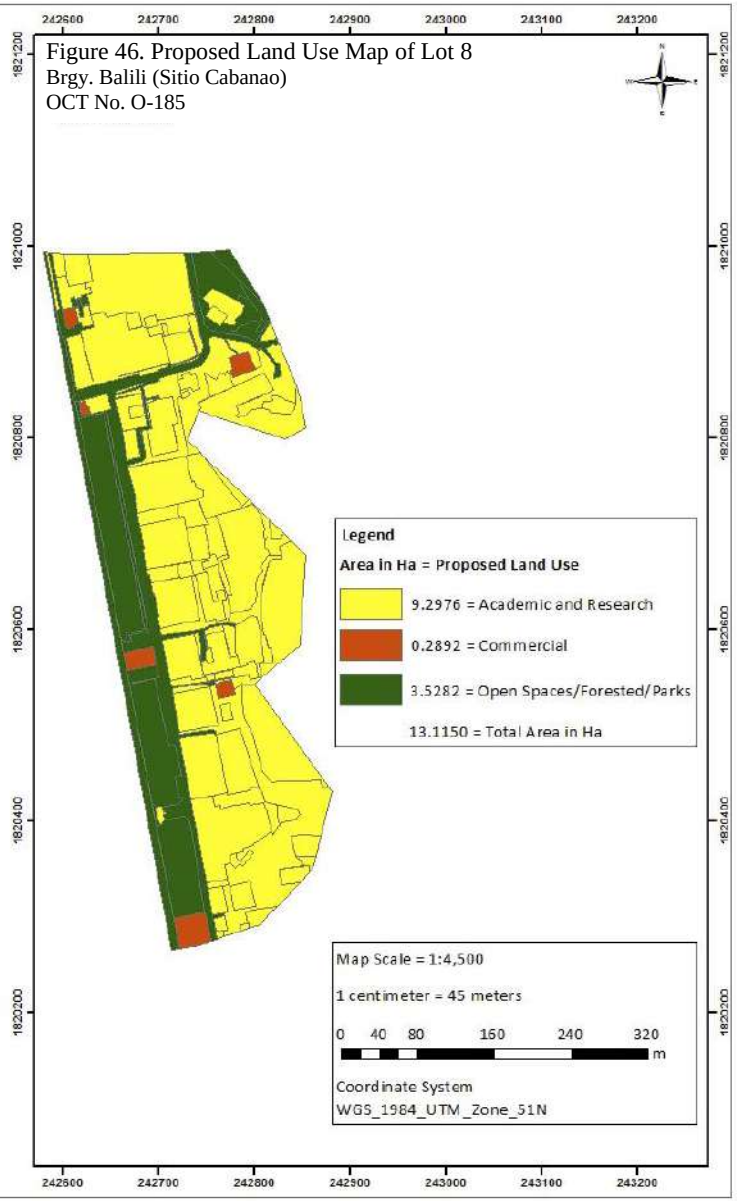



Figure 46. Proposed Land Use Map of Lot 8
Brgy. Balili (Sitio Cabanao)
OCT No. O-185

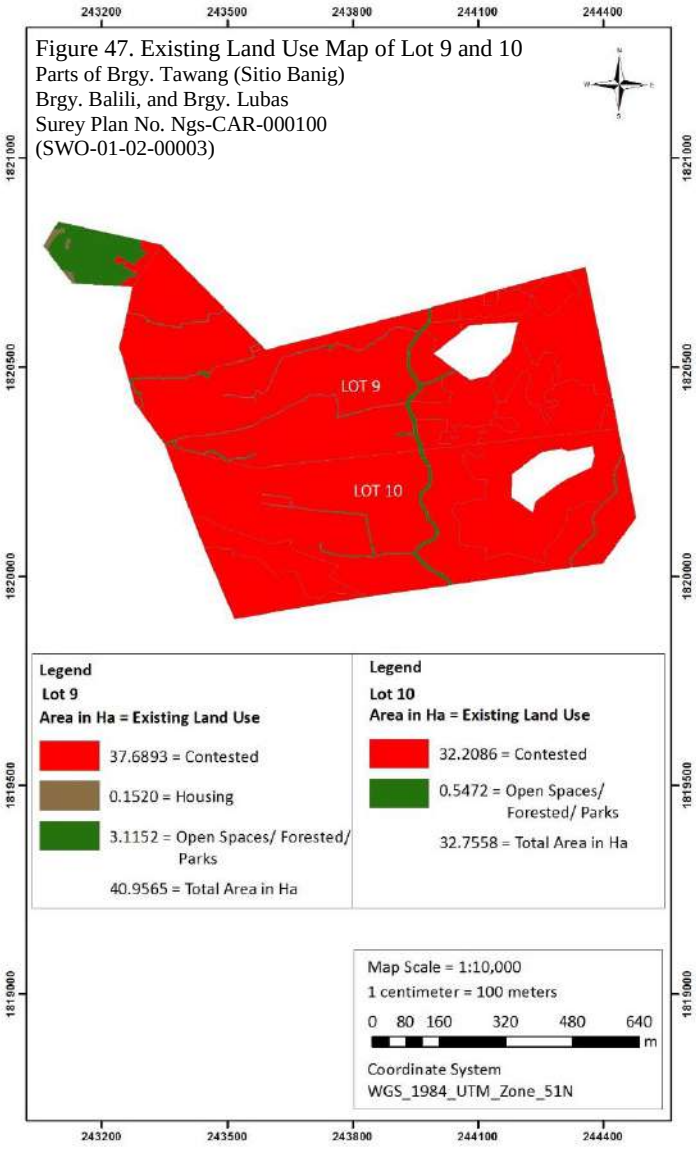



Figure 47. Existing Land Use Map of Lot 9 and 10
Parts of Brgy. Tawang (Sitio Banig)
Brgy. Balili, and Brgy. Lubas
Surey Plan No. Ngs-CAR-000100
(SWO-01-02-00003)

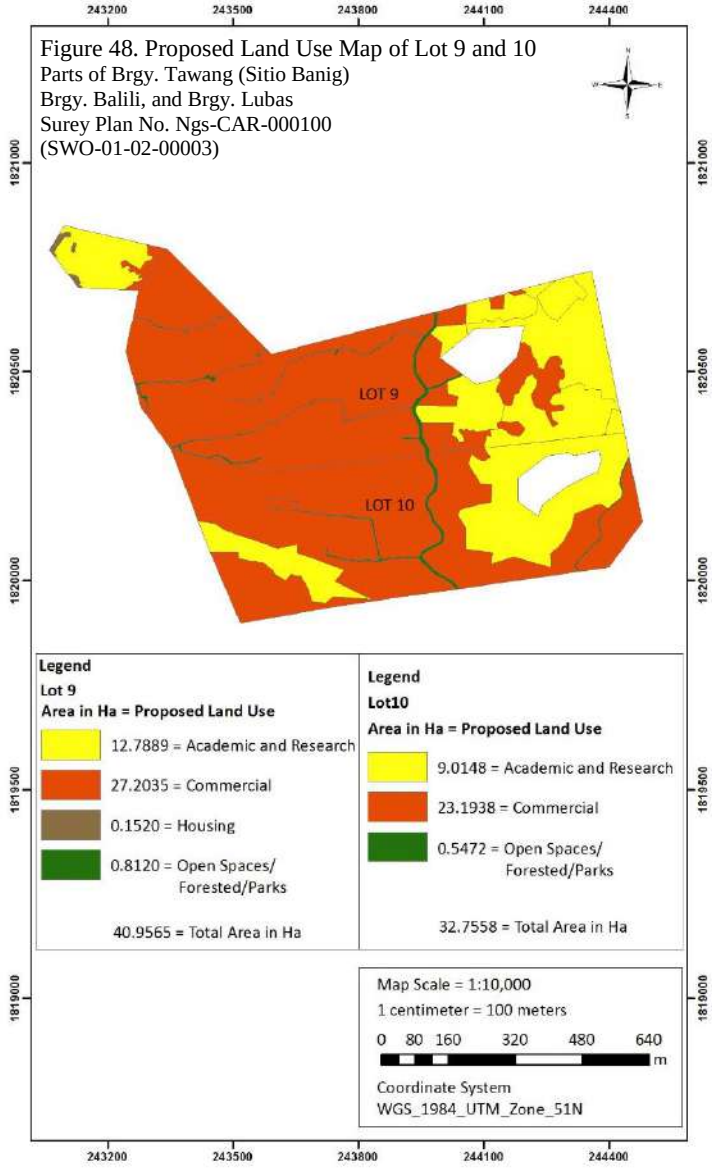



Figure 48. Proposed Land Use Map of Lot 9 and 10
Parts of Brgy. Tawang (Sitio Banig)
Brgy. Balili, and Brgy. Lubas
Surey Plan No. Ngs-CAR-000100
(SWO-01-02-00003)

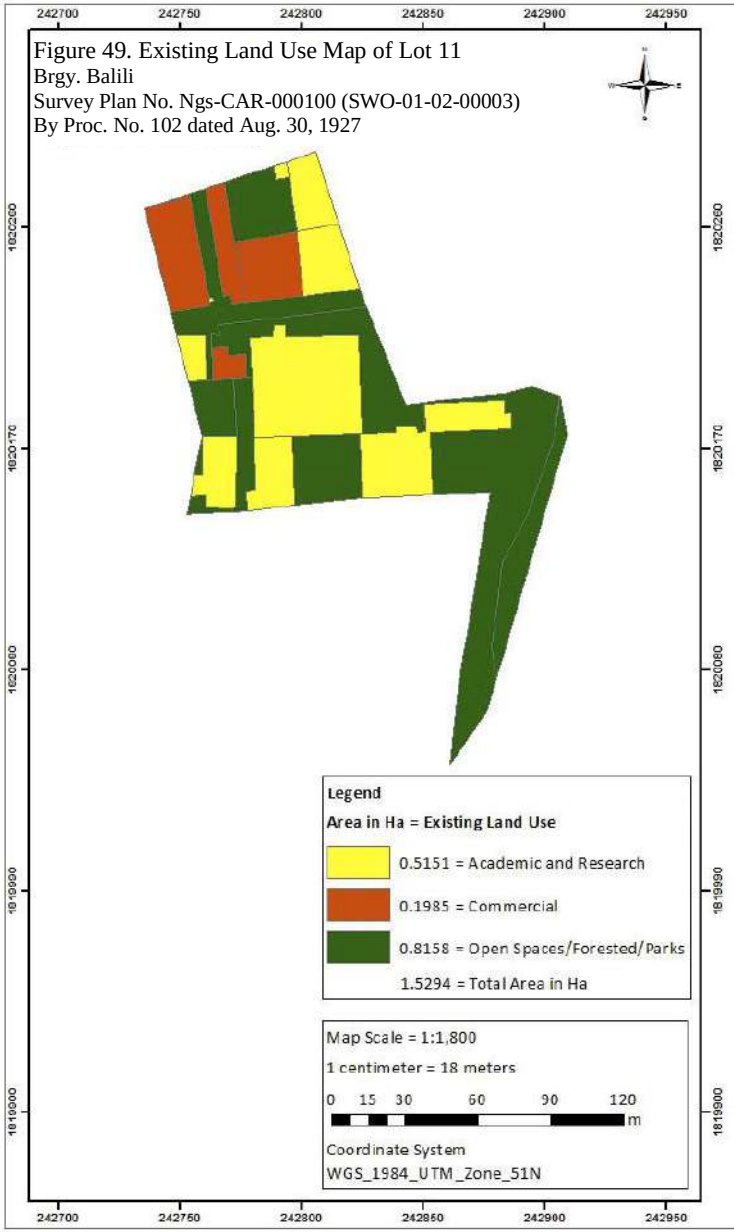



Figure 49. Existing Land Use Map of Lot 11
Brgy. Balili
Survey Plan No. Ngs-CAR-000100 (SWO-01-02-00003)
By Proc. No. 102 dated Aug. 30, 1927

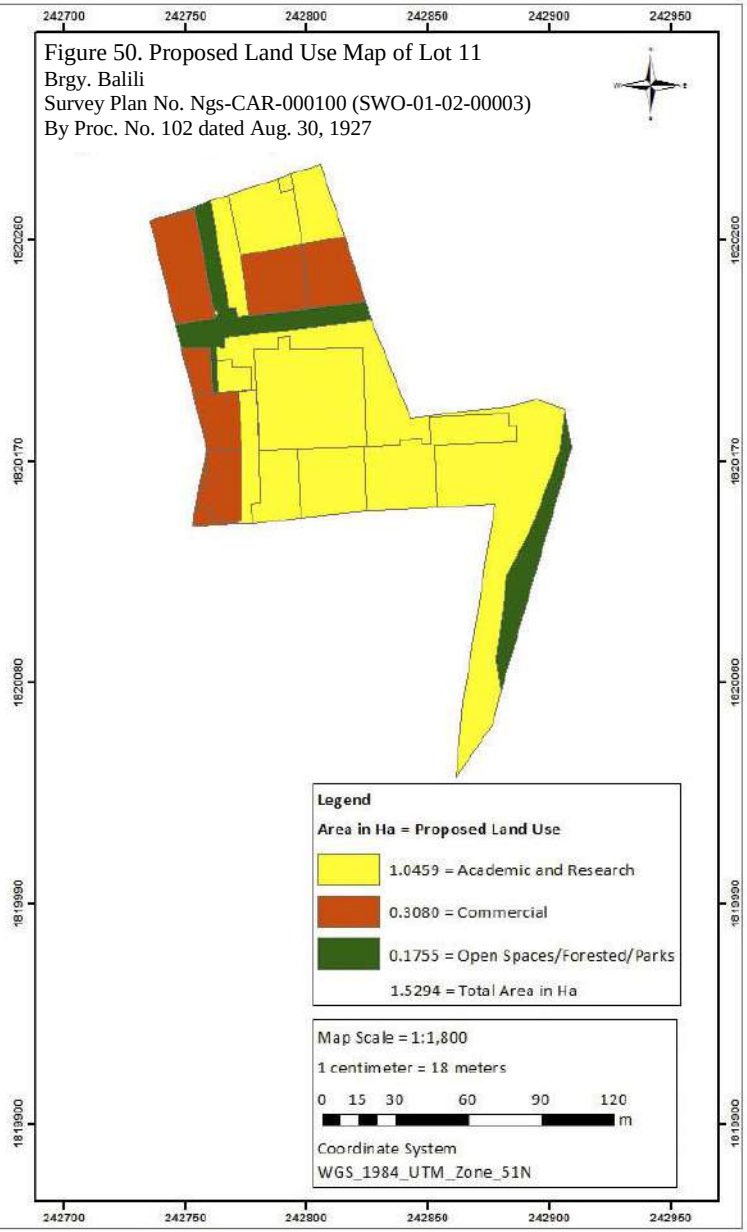



Figure 50. Proposed Land Use Map of Lot 11
Brgy. Balili
Survey Plan No. Ngs-CAR-000100 (SWO-01-02-00003)
By Proc. No. 102 dated Aug. 30, 1927

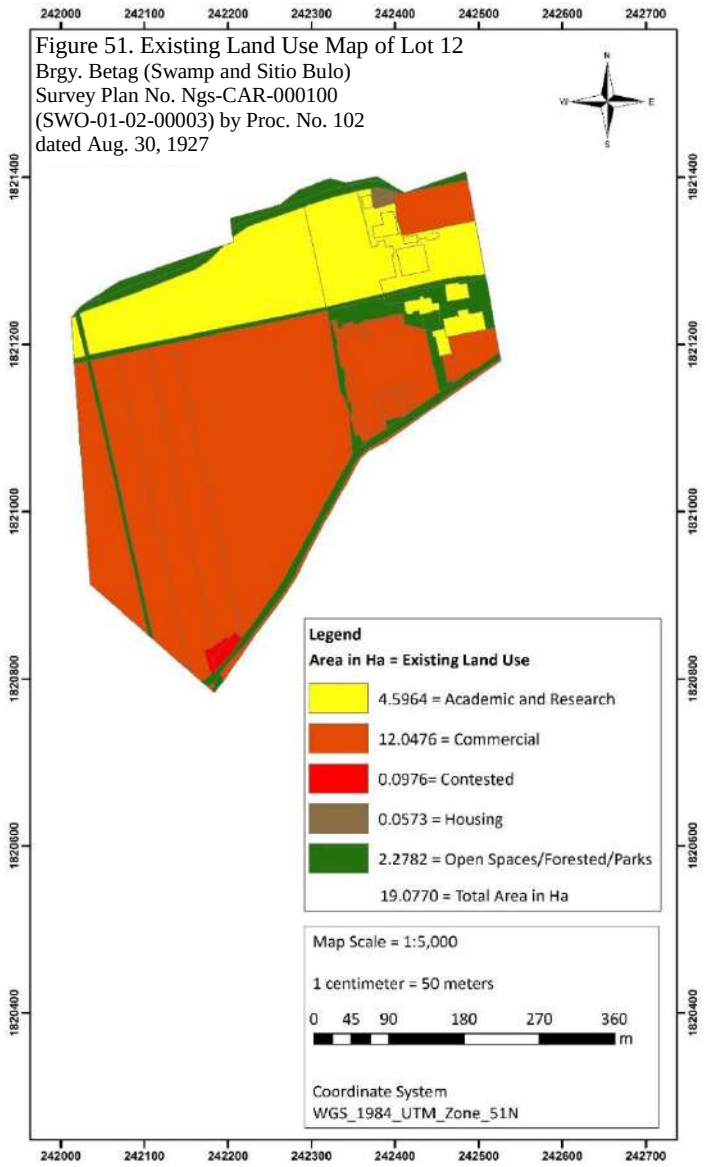



Figure 51. Existing Land Use Map of Lot 12
Brgy. Betag (Swamp and Sitio Bulo)
Survey Plan No. Ngs-CAR-000100
(SWO-01-02-00003) by Proc. No. 102
dated Aug. 30, 1927

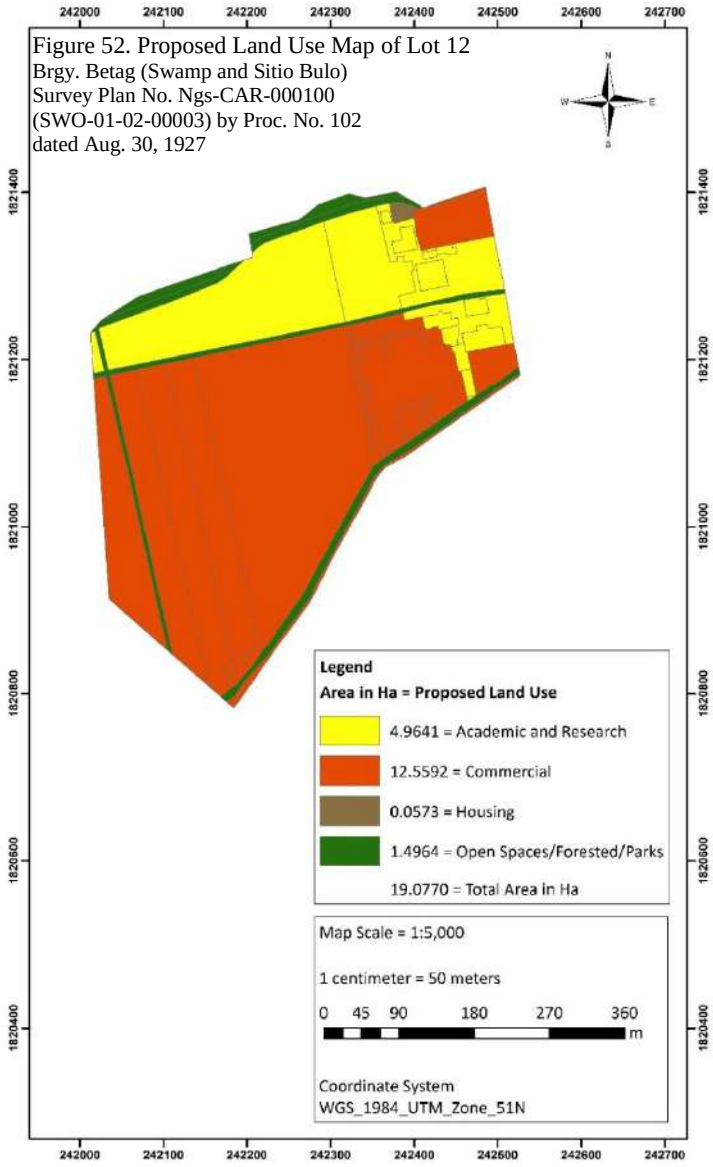



Figure 52. Proposed Land Use Map of Lot 12
Brgy. Betag (Swamp and Sitio Bulo)
Survey Plan No. Ngs-CAR-000100
(SWO-01-02-00003) by Proc. No. 102
dated Aug. 30, 1927

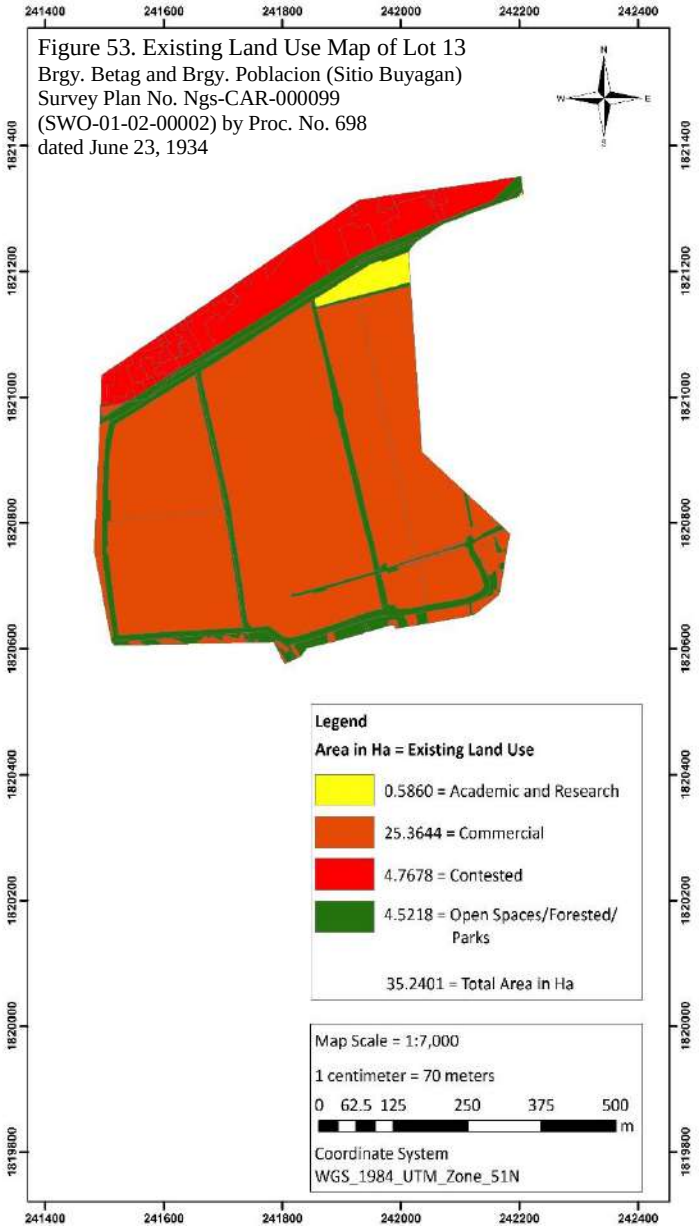



Figure 53. Existing Land Use Map of Lot 13
Brgy. Betag and Brgy. Poblacion (Sitio Buyagan)
Survey Plan No. Ngs-CAR-000099
(SWO-01-02-00002) by Proc. No. 698
dated June 23, 1934




Figure 54. Proposed Land Use Map of Lot 13
Brgy. Betag and Brgy. Poblacion (Sitio Buyagan)
Survey Plan No. Ngs-CAR-000099
(SWO-01-02-00002) by Proc. No. 698
dated June 23, 1934

Figure 55. Existing Land Use Map of Lot 14
Brgy. Balili (Sitio Cabanao)
Survey Plan No. PSU-1-000484
TCT No. T-16378

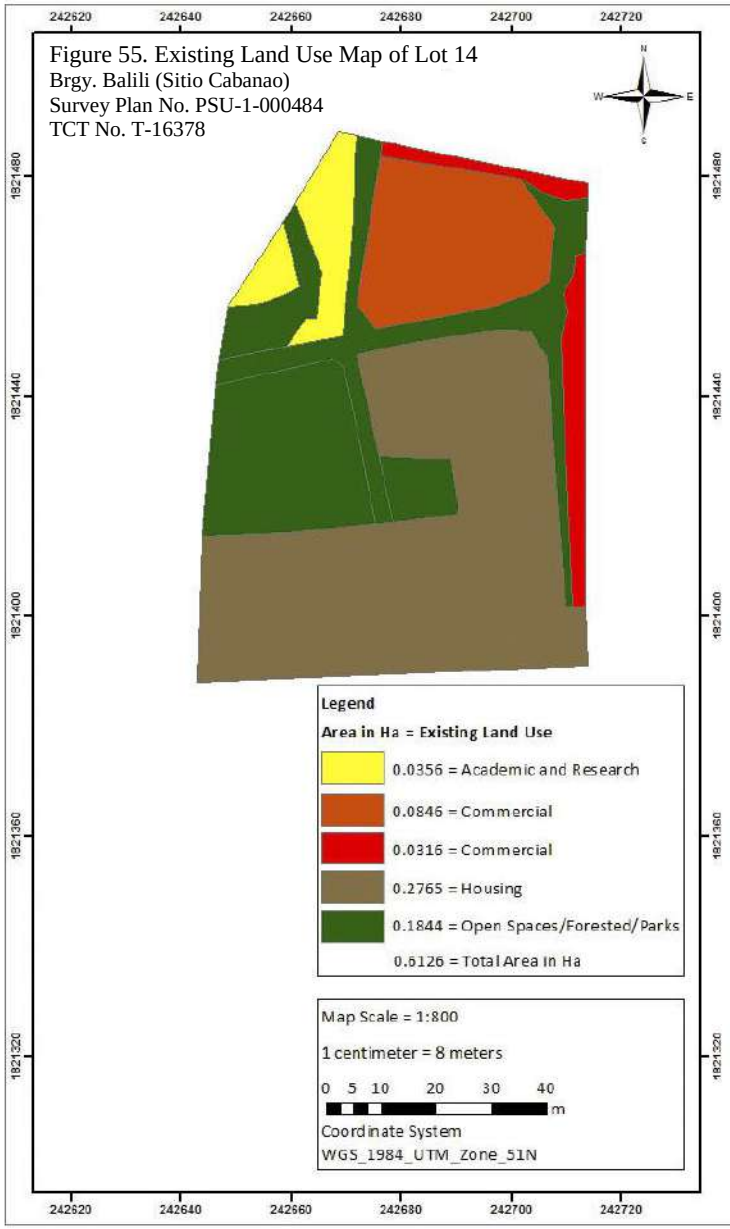
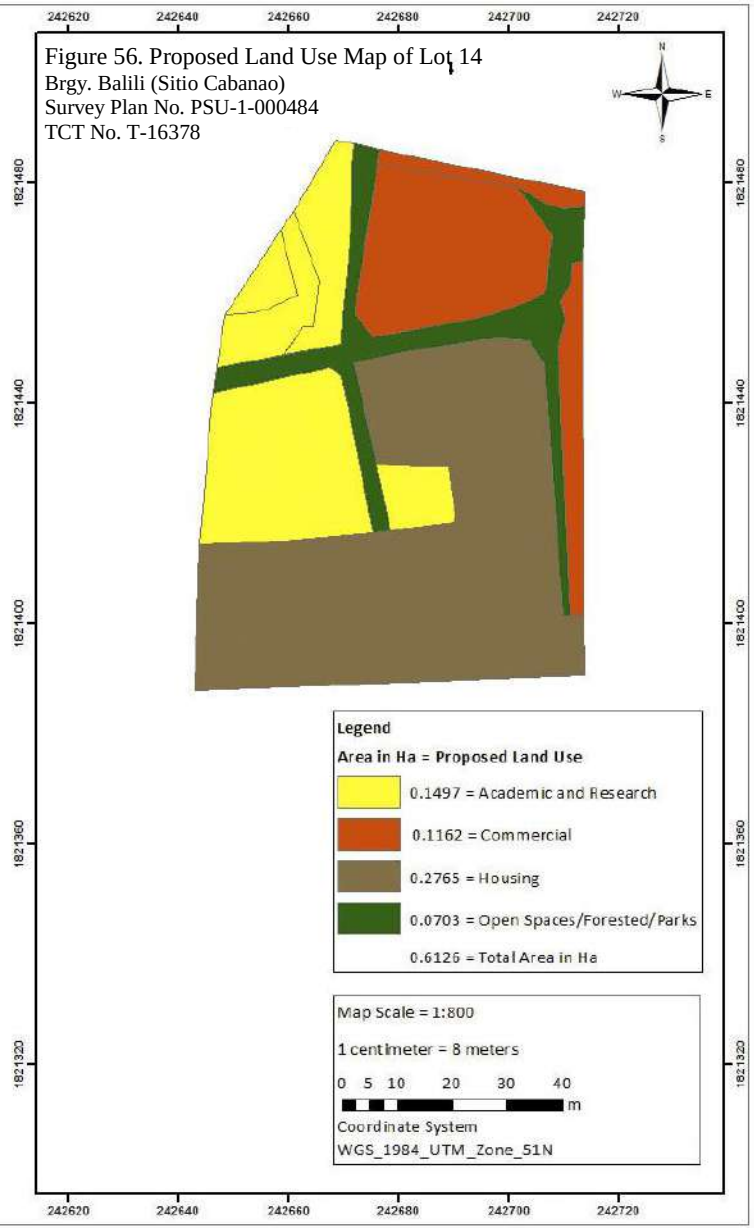



Figure 56. Proposed Land Use Map of Lot 14
Brgy. Balili (Sitio Cabanao)
Survey Plan No. PSU-1-000484
TCT No. T-16378



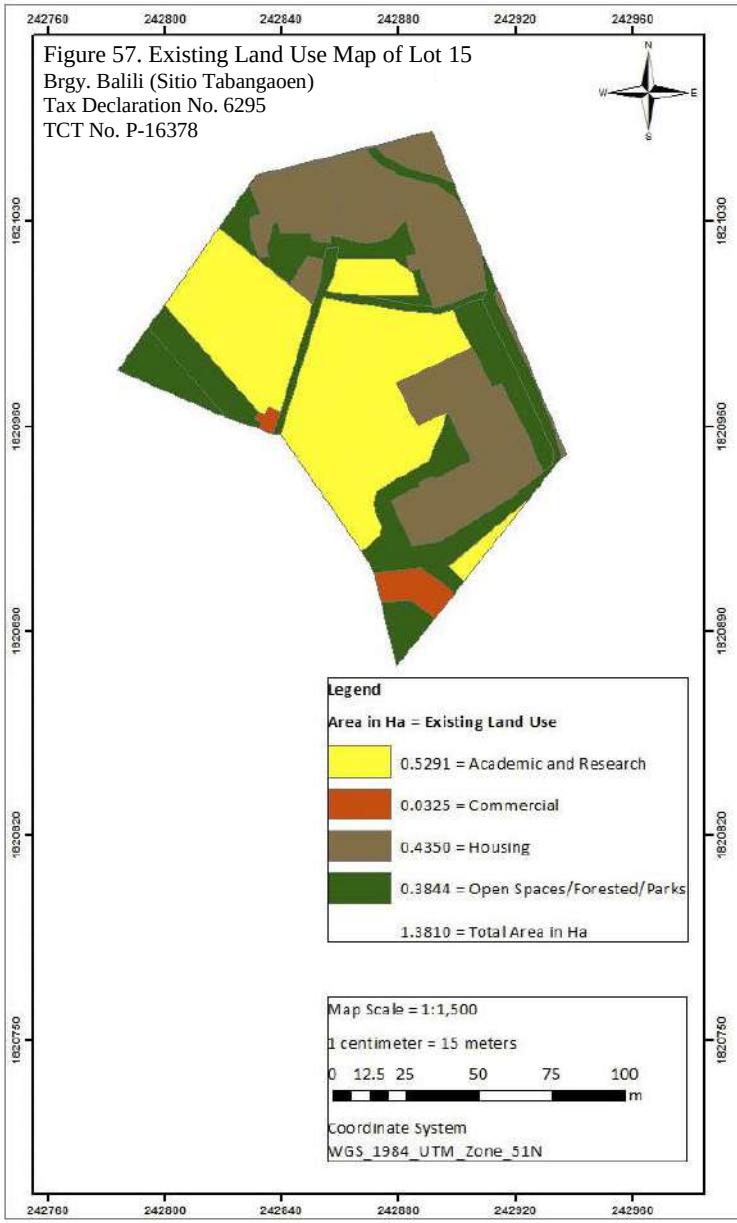



Figure 57. Existing Land Use Map of Lot 15
Brgy. Balili (Sitio Tabangaoen)
Tax Declaration No. 6295
TCT No. P-16378

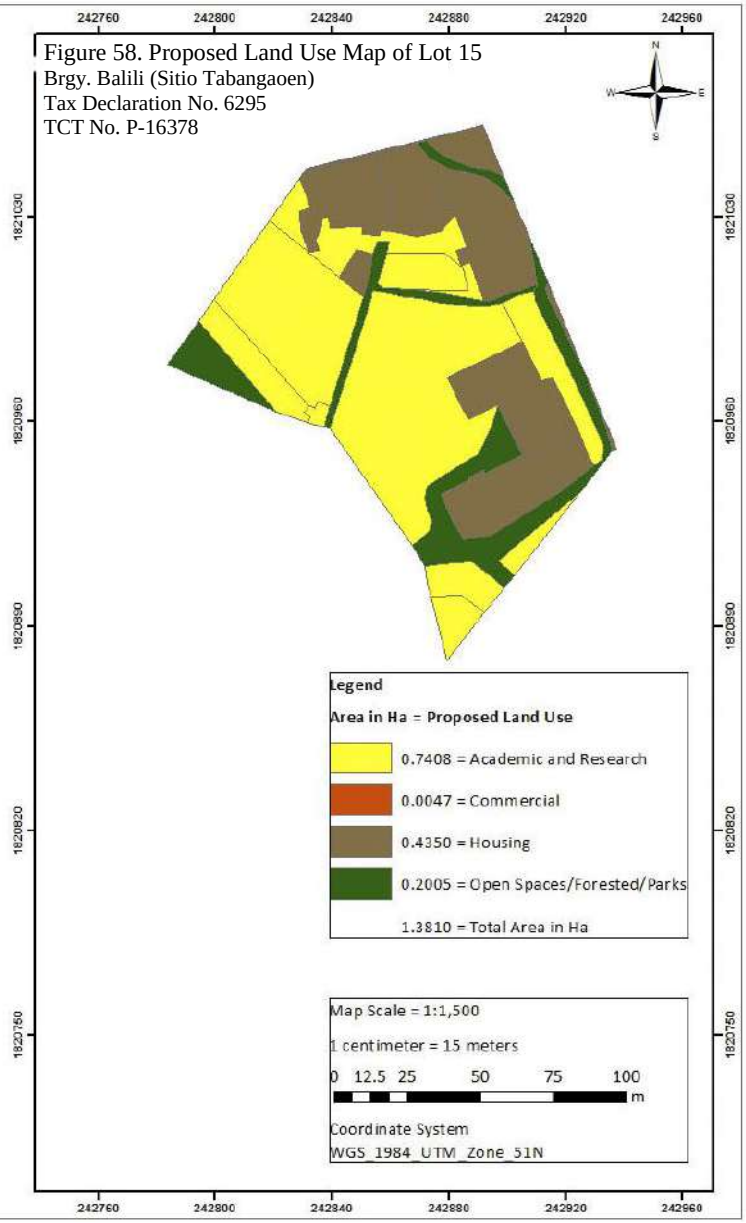



Figure 58. Proposed Land Use Map of Lot 15
Brgy. Balili (Sitio Tabangaoen)
Tax Declaration No. 6295
TCT No. P-16378

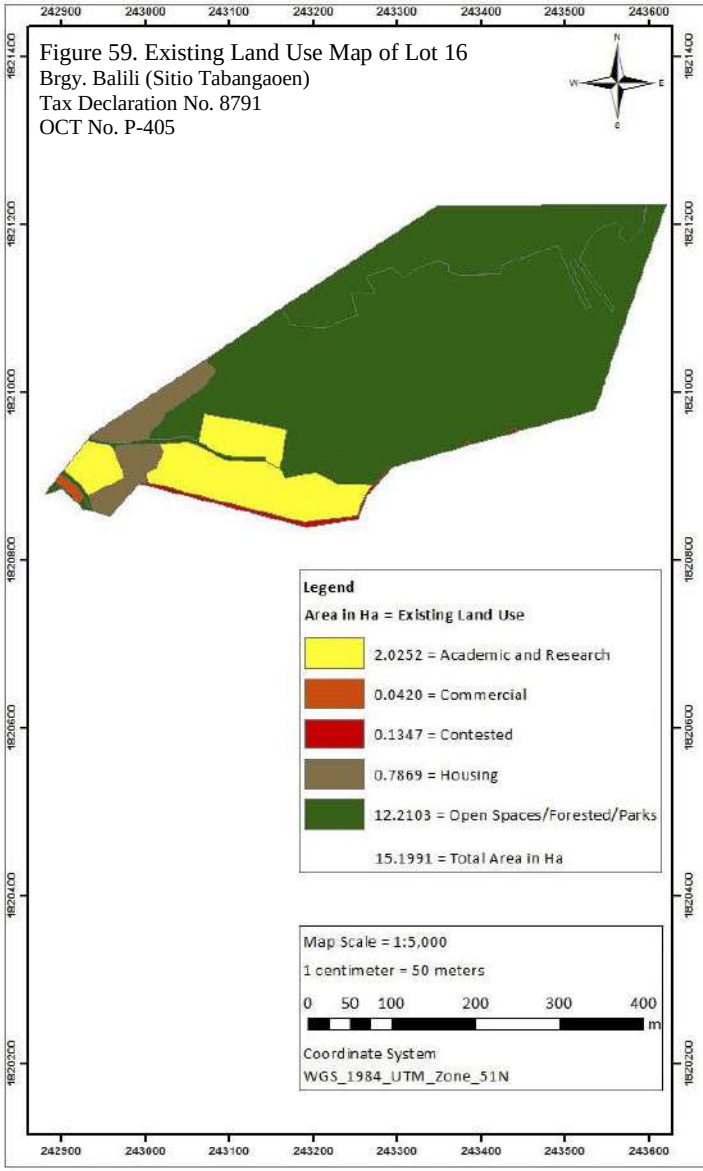



Figure 59. Existing Land Use Map of Lot 16
Brgy. Balili (Sitio Tabangaoen)
Tax Declaration No. 8791
OCT No. P-405

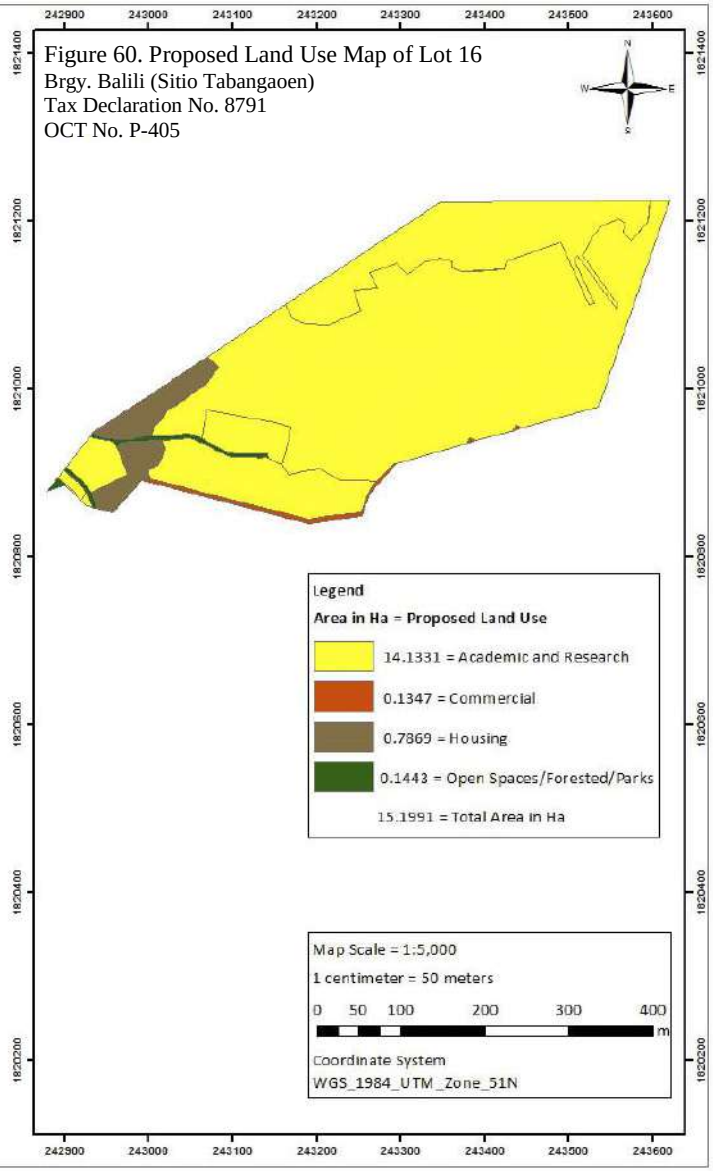



Figure 60. Proposed Land Use Map of Lot 16
Brgy. Balili (Sitio Tabangaoen)
Tax Declaration No. 8791
OCT No. P-405




Figure 61. Existing Land Use Map of Lot 19
Brgy. Betag
Tax Declaration No. 690
TCT No. T-16375

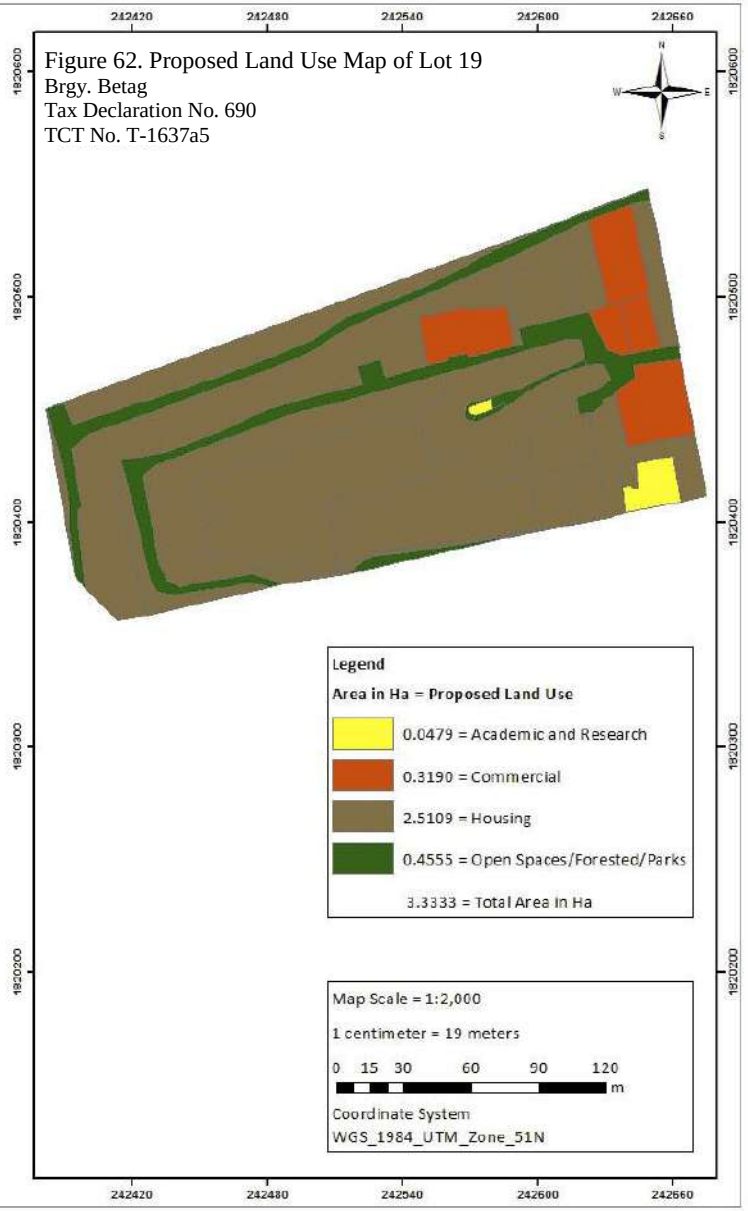



Figure 62. Proposed Land Use Map of Lot 19
Brgy. Betag
Tax Declaration No. 690
TCT No. T-1637a5

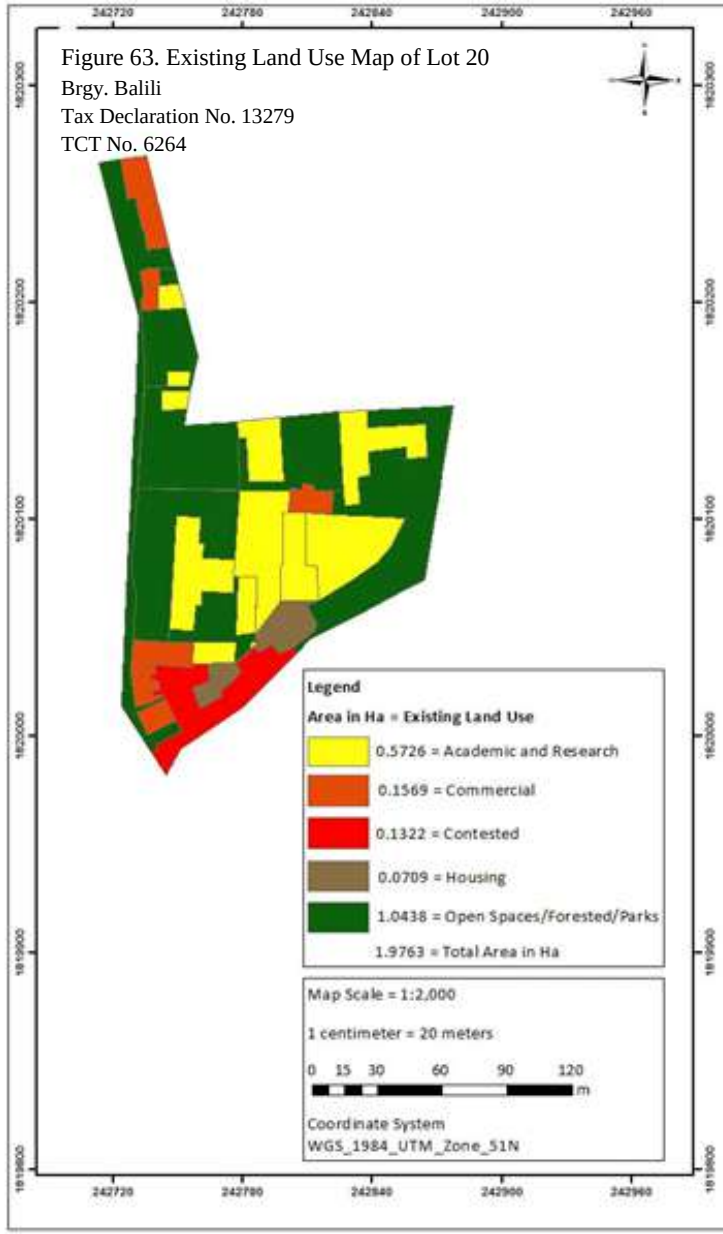



Figure 63. Existing Land Use Map of Lot 20
Brgy. Balili
Tax Declaration No. 13279
TCT No. 6264

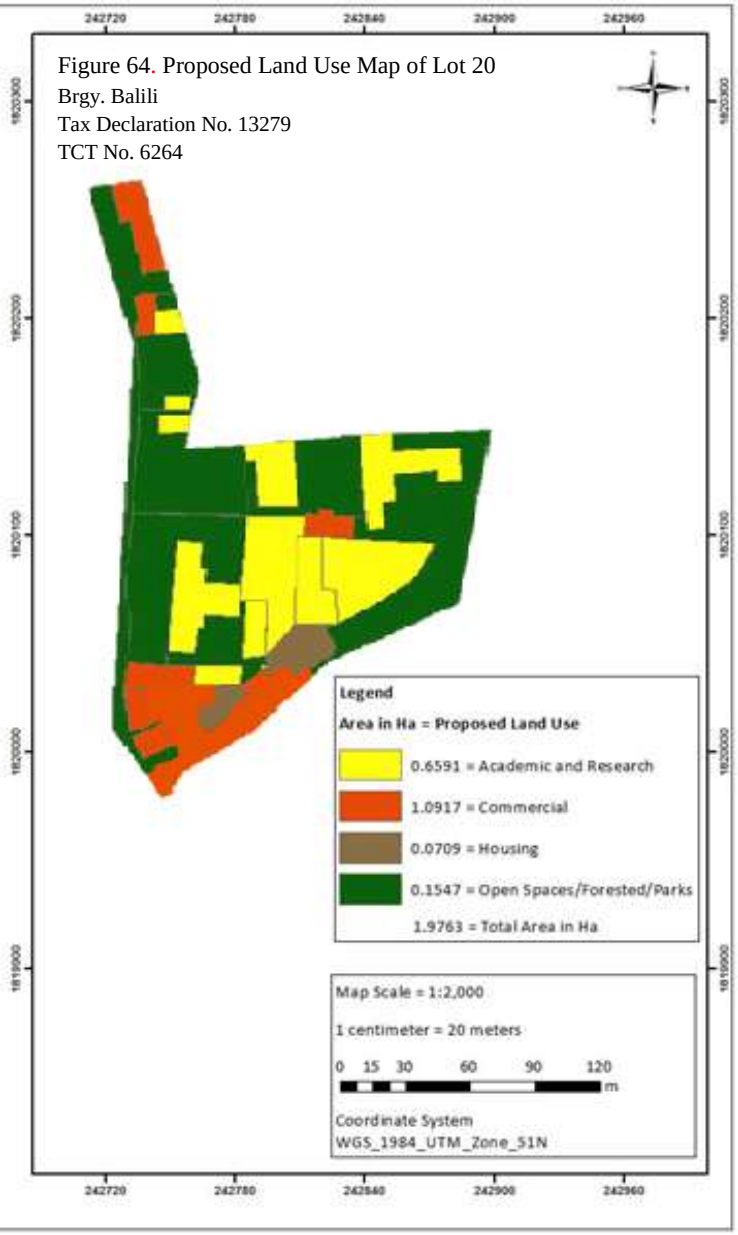



Figure 64. Proposed Land Use Map of Lot 20
Brgy. Balili
Tax Declaration No. 13279
TCT No. 6264

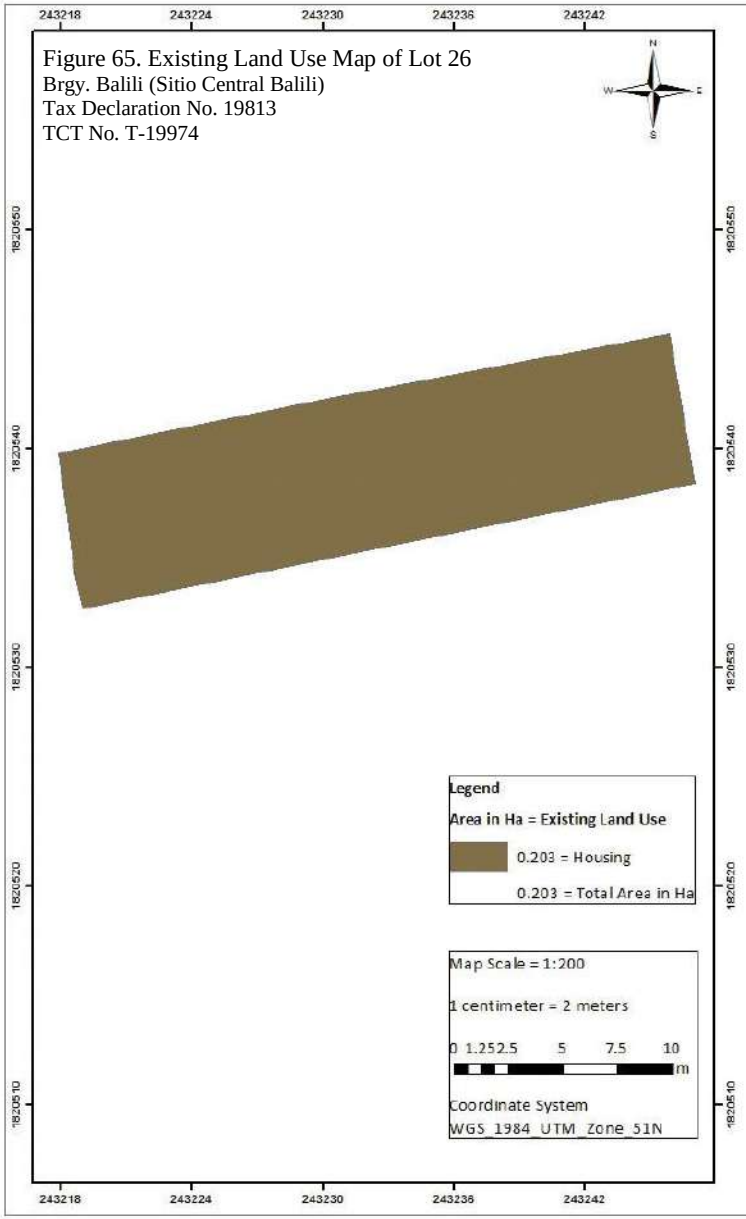



Figure 65. Existing Land Use Map of Lot 26
Brgy. Balili (Sitio Central Balili)
Tax Declaration No. 19813
TCT No. T-19974

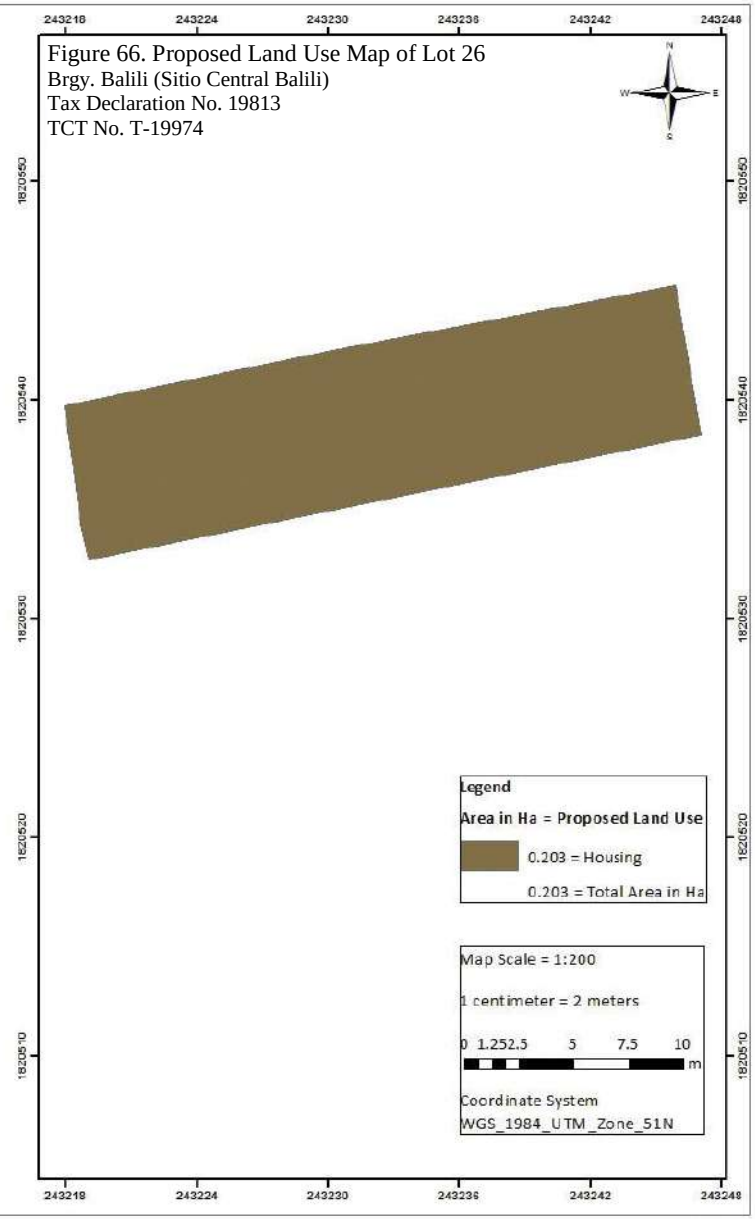



Figure 66. Proposed Land Use Map of Lot 26
Brgy. Balili (Sitio Central Balili)
Tax Declaration No. 19813
TCT No. T-19974

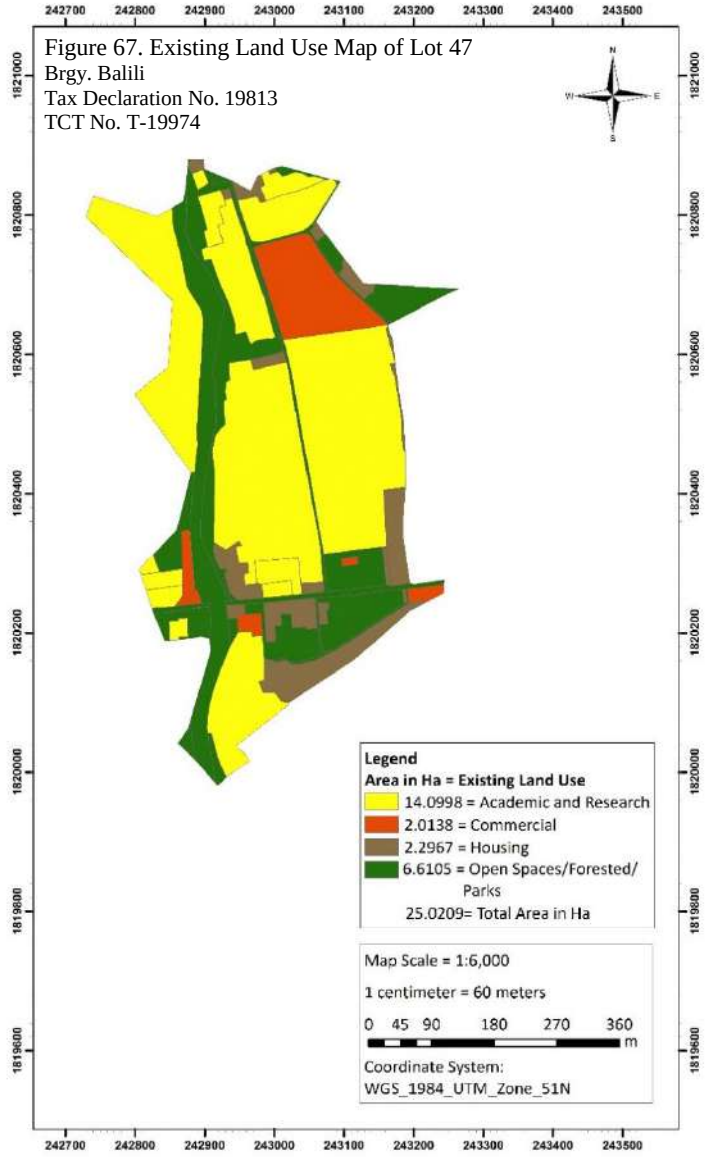



Figure 67. Existing Land Use Map of Lot 47
Brgy. Balili
Tax Declaration No. 19813
TCT No. T-19974

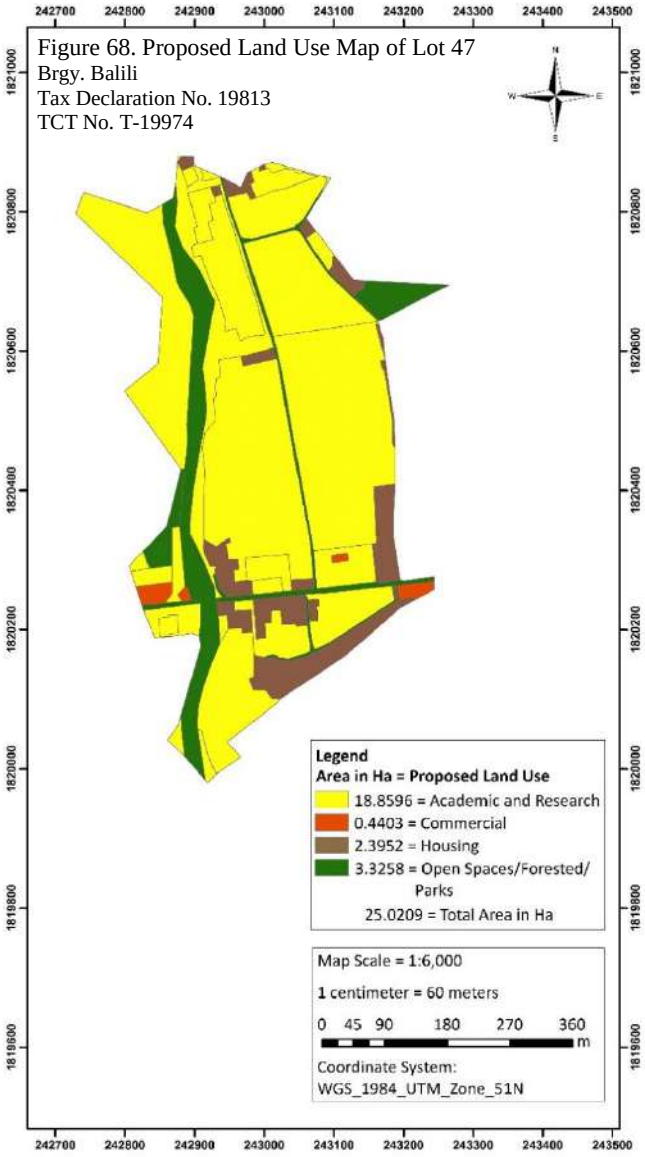



Figure 68. Proposed Land Use Map of Lot 47
Brgy. Balili
Tax Declaration No. 19813
TCT No. T-19974

# B. INFRASTRUCTURE AND FACILITIES

## Physical Facilities and Access

In the years prior to World War II, national government support to the Trinidad Agricultural School (TAS) resulted to the construction of more than 59 buildings on campus. Only three of these buildings survived the war and out of these, only one remains standing – that which now houses the BSU Historical Museum.

The post-war period saw the construction of buildings and other facilities that now make the school one of the major landmarks of the municipality. Among the distinguishing features of the university are landscaped open areas, the administration and academic buildings and a sports complex easily visible from La Trinidad's main thoroughfare.

The availability of facilities makes BSU a frequent choice of organizers in hosting conventions, sporting events, religious gatherings, and other activities. Add to this its accessibility and the abundance of public transportation (24/7) plying to and from Baguio City, the Summer Capital of the Philippines.

At present, there are already 436 buildings in all the campuses. Included in this count are all physical structures of semi-permanent and permanent nature that are being used for the different activities/operations of the university.

Table 31 presents the 110 buildings are being used for academic purposes. These are buildings that house lecture and laboratory rooms and those for student services like dormitories. For research purposes are 106 greenhouses, net houses, storage houses, and buildings that house offices and research laboratories. There are also 180 housing units of varying types – single detached, duplex, row houses.

The table also shows that 30% or 129 of the buildings were built in the 1980's. These were mostly housing units built by employees along the perimeter boundaries of the BSU Main Campus hub as a measure to control further external encroachment into the BSU landholdings. A total of 35 buildings were constructed for academic purposes in the 1980's and 1990's. All of them have already undergone minor and major repairs due to wear and tear and/or expansions due to increasing need for more space. The date of construction of 24 buildings still has to be ascertained.

Table 32. Number of buildings in BSU according to usage

| Year | Academics | Administrative | Employee Housing | Income Generating | Research | Total |
|---|---|---|---|---|---|---|
| Pre-war | 1 | 0 | 0 | 0 | 0 | 1 |
| 1940's | 0 | 0 | 3 | 0 | 0 | 3 |
| 1950's | 3 | 0 | 6 | 1 | 0 | 10 |
| 1960's | 12 | 0 | 11 | 1 | 1 | 25 |
| 1970's | 11 | 0 | 8 | 0 | 2 | 21 |
| 1980's | 11 | 1 | 104 | 3 | 10 | 129 |
| 1990's | 24 | 1 | 22 | 4 | 7 | 58 |
| 2000's | 11 | 1 | 28 | 5 | 15 | 60 |
| 2010's | 13 | 1 | 2 | 0 | 26 | 42 |
| 2020's | 2 | 2 | 0 | 3 | 1 | 8 |
| No data Available | 24 | 1 | 7 | 2 | 45 | 79 |
| Total | 110 | 7 | **191** | 19 | 107 | **436** |

Table 32. shows the breakdown of the 110 buildings used for academic purposes. Buildings used by more than one college were counted once. The Soils-Chemistry building, for instance, is counted under the College of Agriculture. In the Main Campus, the College of Teacher Education has the greatest number of buildings and rooms because of their basic education laboratory classes (Early Childhood Development, Elementary and Secondary). All buildings in the satellite campuses were included under the Academic Category.

Table 32 shows the distribution of rooms used for academic purposes: 186 lecture rooms, 122 laboratory and 165 offices for faculty members.

Pictures of the different physical facilities in the university which include buildings, research areas, recreation areas, and parks can be seen in the following pages.

Table 33. Number of buildings used for academic purposes

| ACADEMIC UNITS | NO. OF BUILDINGS | NUMBER OF ROOMS USED AS | | | TOTAL |
|---|---|---|---|---|---|
| | | LECTURE ROOM | LABORATORY ROOM | OFFICE | |
| College of Agriculture | 7 | 21 | 18 | 23 | **62** |
| College of Engineering | 2 | 21 | 7 | 12 | **40** |
| College Arts and Sciences Bldg. | 2 | 27 | 16 | 19 | **62** |
| College of Forestry | 2 | 3 | 6 | 8 | **19** |
| College of Teacher Education | 6 | 41 | 16 | 13 | **70** |
| College of Home Economics and Technology | 3 | 10 | 9 | 21 | **40** |
| College of Veterinary Medicine | 7 | 4 | 17 | 12 | **33** |
| College of Nursing | 1 | 6 | 4 | 16 | **26** |
| College of Human Kinetics | 2 | 9 | 0 | 8 | **17** |
| College of Public Administration and Governance | 1 | 3 | 4 | 12 | **19** |
| Open University | 1 | 3 | 0 | 2 | **5** |
| Bokod Satellite Campus | 23 | 13 | 9 | 5 | **26** |
| Buguias Satellite Campus | 12 | 25 | 16 | 14 | **55** |
| TOTAL | **69** | **186** | **122** | **165** | **474** |

LA TRINIDAD CAMPUS (MAIN)

COLLEGE OF AGRICULTURE (CA)



CA Complex



Animal Science (New)



Meat Laboratory




Animal Science (Old)



Pomology



Agribusiness Management

COLLEGE OF ENGINEERING (CE)



COLLEGE OF FORESTRY (CF)






Expansion College of Forestry

COLLEGE OF HUMAN KINETIC (CHK)



COLLEGE OF HOME ECONOMICS AND TECHNOLOGY (CHET)





CHET Laboratory Building

COLLEGE OF ARTS AND HUMANITIES BUILDING

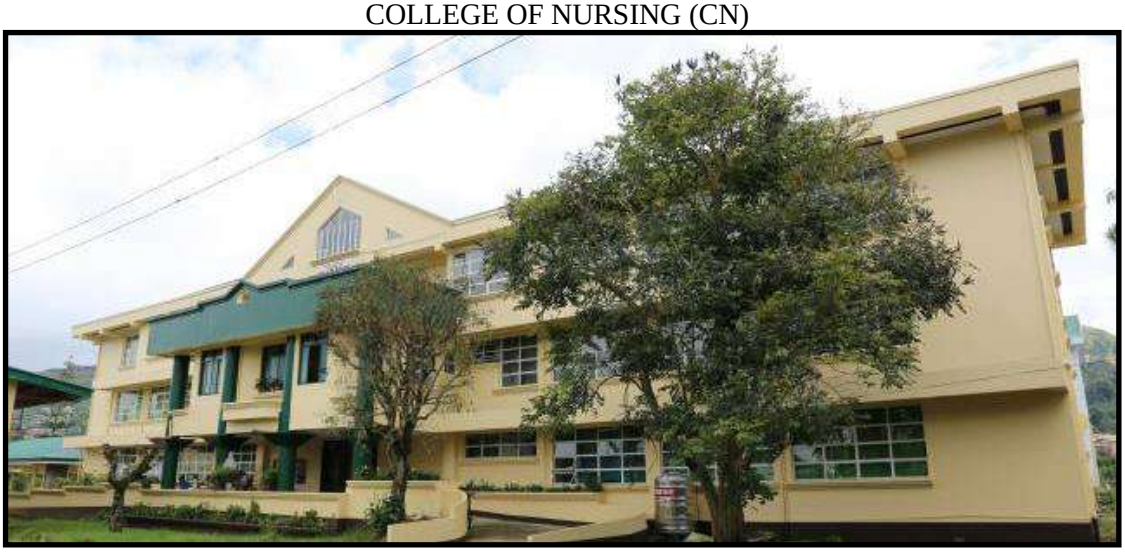




COLLEGE OF INFORMATION SCIENCES (CIS)



COLLEGE OF NURSING (CN)



COLLEGE OF PUBLIC ADMINISTRATION AND GOVERNANCE (CPAG)



COLLEGE OF VETERINARY MEDICINE (CVM)





Old CVM Building



Animal Laboratory



Recovery Building



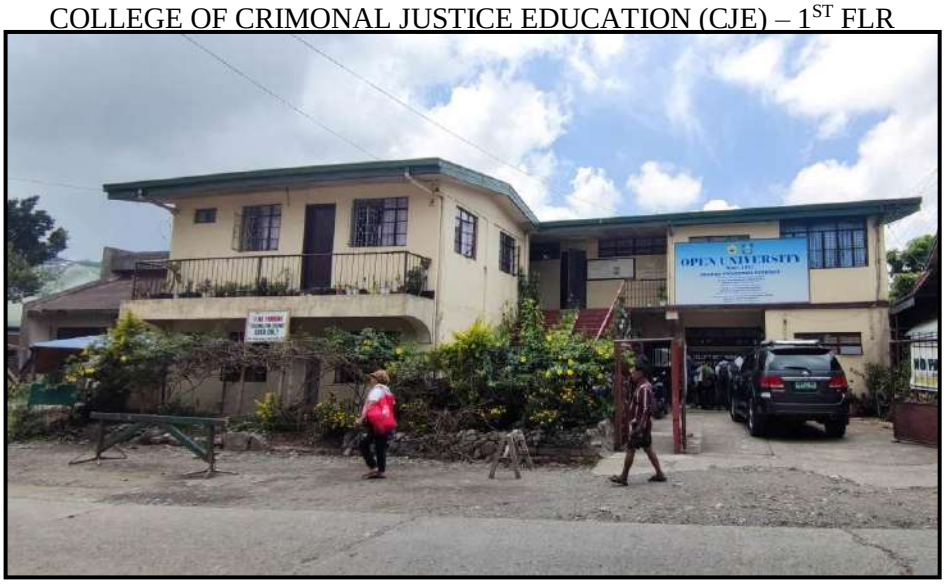



CVM Animal Hospital

COLLEGE OF TEACHER EDUCATION (CTE)




OPEN UNIVERSITY (2ND FLR)
COLLEGE OF CRIMONAL JUSTICE EDUCATION (CJE) – 1ST FLR




NATIONAL SERVICE TRAINING PROGRAM (NSTP)






ADMINISTRATION BUILDING



UNIVERSITY LIBRARY




UNIVERSITY MUSEUM



DORMITORIES





Ladies' Dorm



Annex Ladies' Dorm



Men's Dorm



Graduate School Dorm

UNIVERSITY HEALTH SERVICES






GUEST HOUSE



Home Management Guestel



Executive Guest House






Guestel

GENERAL SERVICES OFFICE (GSO)



LANDSCAPING UNIT



CARPENTRY OFFICE



MOTORPOOL



SECONDARY LABORATORY SCHOOL BUILDINGS



US Aide Bldg.



Home Economics Bldg.



Science Bldg.



SLS Gym

ELEMENTARY LABORATORY SCHOOL BUILDINGS



Main Bldg.



Field Study Bldg.



Health and Science Bldg.



Clinic and Guidance Bldg.



ELS - Canteen

RESEARCH AND EXTENSION BUILDING



AGRICULTURAL TECHNOLOGY BUSINESS INCUBATION (ATBI)



NORTHERN PHILIPPINES ROOT CROPS RESEARCH AND TRAINING CENTER (NPRCRTC)



CORDILLERA CENTER FOR ANIMAL RESEARCH AND DEVELOPMENT (CCARD)





CORDILLERA ORGANIC AGRICULTURE RESEARCH AND DEVELOPMENT CENTER (COARDC)



BIOFERTILIZAR PRODUCTION FACILITY



SERICULTURE



Silk Worm Rearing House



Office



Lounge

CLIMATE SMART AGRICULTURE CENTER (CSAC)





CSAC Composting Area



Water harvesting Facility
(reservoir, dam, water pump)

FLORICULTURE



Regional Tissue Culture



Tissue Culture



Floriculture Office

GLADIOLA GUESTEL



MARKETING CENTER



COFFEE SHOP



UNVERSITY BAKERY




FOOD PROCESSING CENTER




STRAWBERRY FARM



RECREATIONAL PARKS AND AREA

CENTENNIAL PARK




SHIMUMURA PARK





UNIVERSITY OVAL




RECREATIONAL PARKS AND AREA

COLLEGE OF FORESTRY




COLLEGE OF HUMAN KINETICS (outdoor)




COLLEGE OF HUMAN KINETICS (indoor)






RECREATIONAL PARKS AND AREA

UNIVERSITY GYMNASIUM AREA





SECONDARY LAB. SCHOOL AREA





OPEN COURT (between Nursing and Veterinary Building)



RECREATIONAL PARKS AND AREA

ELEMENTARY LAB. SCHOOL AREA





EARLY CHILD DEVELOPMENT CENTER AREA





BOKOD CAMPUS

Table. 34. Bokod Campus Existing Structures

| Existing Structure | Use | Area (sq.m) |
|---|---|---|
| Guard House/Post | | 1.56 |
| Andres Cosalan Covered Court | Multi-purpose Court | 805 |
| PE Room | | 115 |
| Jinggoy Estrada Building | Clinic | 65 |
| ROTC/Shed | | 67 |
| Makeshift building | For repair | 340 |
| Dormitory Building | Boys and Girls dorm | 450 |
| CBAM Faculty/ Binejayeng Variety Store | | 226.3 |
| Abong/Badiw Heritage park | Park | 10.4 |
| Biodiversity Research building | Not Occupied | 480 |
| Basketball Court | | 510 |
| Motor pool | | 106 |
| Civil tech building | GSO Office and Civil Tech Laboratory room | 456 |
| Civil Tech Extension Building | | 117 |
| Laboratory Building | CBAM Class rooms/ Quality assurance &Accreditation center/ Automotive Laboratory building | 378 |
| Rogelio Basco Building | Child Minding Facility/ Office of the President | 62 |
| Patric P. Umayat Building | Cosalan Hall/ Registrar | 257 |
| Administration Building | Admin offices/ Student Lounge/ Alumni and Retirees Lounge | 255 |
| Flavier Building | ICT Laboratory Room | 125 |
| Food Services and Mgmt. building | Canteen and Food Laboratory room | 172 |
| Drilon Building | Food tech Laboratory room/ Dress making laboratory room | 192 |
| Cayetano Building | CAT Faculty room/ CAT Classroom | 125 |
| Hipolito Pacis Building | Guestel/ Dress making Laboratory room | 150 |
| Felipe Esnara Building | Criminology Laboratory room | 274 |
| Suelto E. Tello Building | CEd. Faculty room and classrooms | 389 |
| Library Building | Library/ Museum | 318 |
| Denver Onon Building | Guidance center | 80 |
| Guard House | | 22 |

Table 35. Bokod Campus List of Facilities for Assemblies and Conferences

| FACILITY | AREA(SQUARE METER) | CAPACITY | ACOUSTICS/ SOUND SYSTEM | | NATURE OF ACTIVITIES THE FACILITY COULD CATER |
|---|---|---|---|---|---|
| | | | WITH | WITHOUT | |
| ANDRES COSALAN COVERED COURT | 850 | 500 | | | SPORTS FEST/ ASSEMBLIES/ GRADUATION CEREMONIES, CONCERTS |
| COSALAN HALL | 60 | 35 | / | | CONFERENCES, SEMINARS AND WORKSHOPS, MEETINGS |
| CEED FUNCTION HALL | 120 | 70 | | | CONFERENCES, SEMINARS AND WORKSHOPS, MEETINGS |
| LIBRARY FUNCTION HALL | 60 | 35 | | | CONFERENCES, SEMINARS AND WORKSHOPS, MEETINGS |

`











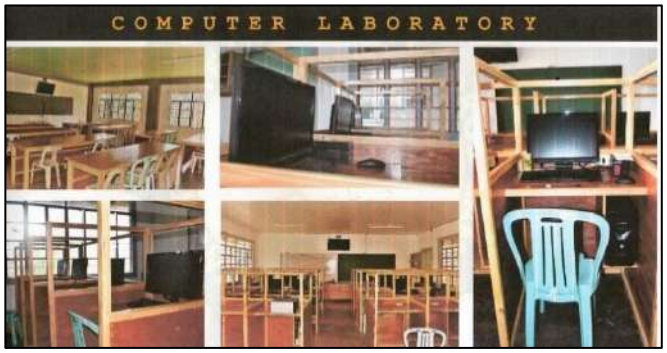
Table 36. Bokod Campus List and Types of Laboratory Rooms

| TYPE | LOCATION | NUMBER OF LABORATORY ROOMS | CAPACITY |
|---|---|---|---|
| ICT LABORATORY | Flavier building | 1 | 50 |
| FOOD TECH LABORATORY | Fooe tech building, canteen/ Drilon Building first floor | 2 | 70 |
| GARMENTS FASHION AND DESIGN LABORATORY ROOM | Drilon building second floor | 1 | 35 |
| ELECTRICAL LABORATORY | Benijayeng entrep building | 1 | 20 |
| CIVIL TECH LABORATORY | Civil tech. lab. Bldg | 1 | 50 |
| AUTOMOTIVE LABORATORY | CBAM building | 1 | 35 |










ADMINISTRATION BUILDING



COLLEGE LIBRARY




ROGELIO BASCO BUILDING
CHILD MINDING FACILITY



GUEST HOUSE



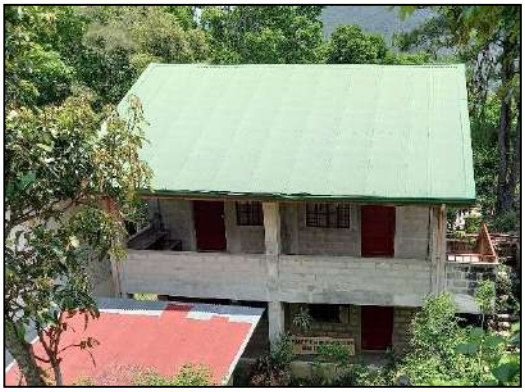
SUELTO E. TELLO BUILDING



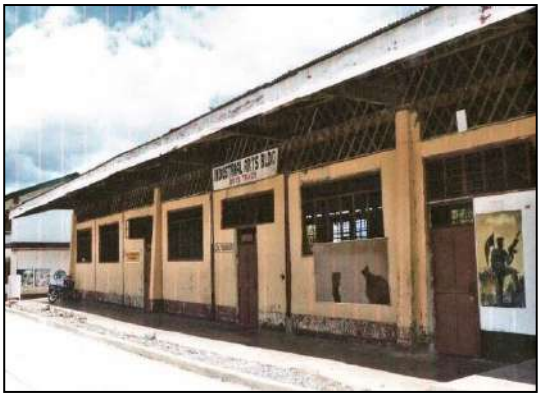
DRILON BUILDING



DRILON BUILDING



INDUSTRIAL ARTS BUILDING



COLLEGE OF BUSINESS ADMINISTRATION AND MANAGEMENT (CBAM)




BENEJAYENG ENTREP BUILDING



AUTOMOTIVE LABORATORY

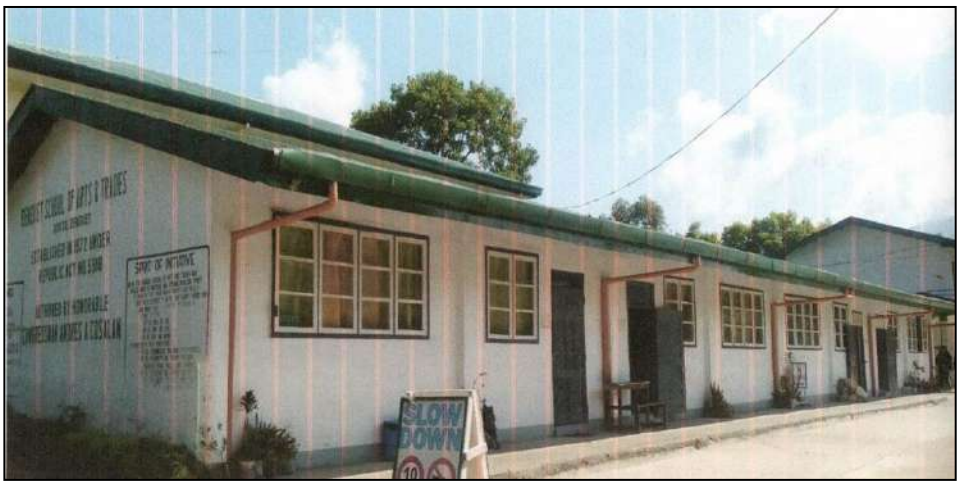


FOOD TECHNOLOGY LABORATORY





PATRICK P. UMAYAT BUILDING




FELIPE ESNARA BUILDING



ANDRES COSALAN MULTI-PURPOSE COVERED COURT



JINGGOY ESTRADA BUILDING

CAMPUS CLINIC



COLLEGE DORMITORY




BIODIVERSITY RESEARCH CENTER



# BUGUIAS CAMPUS

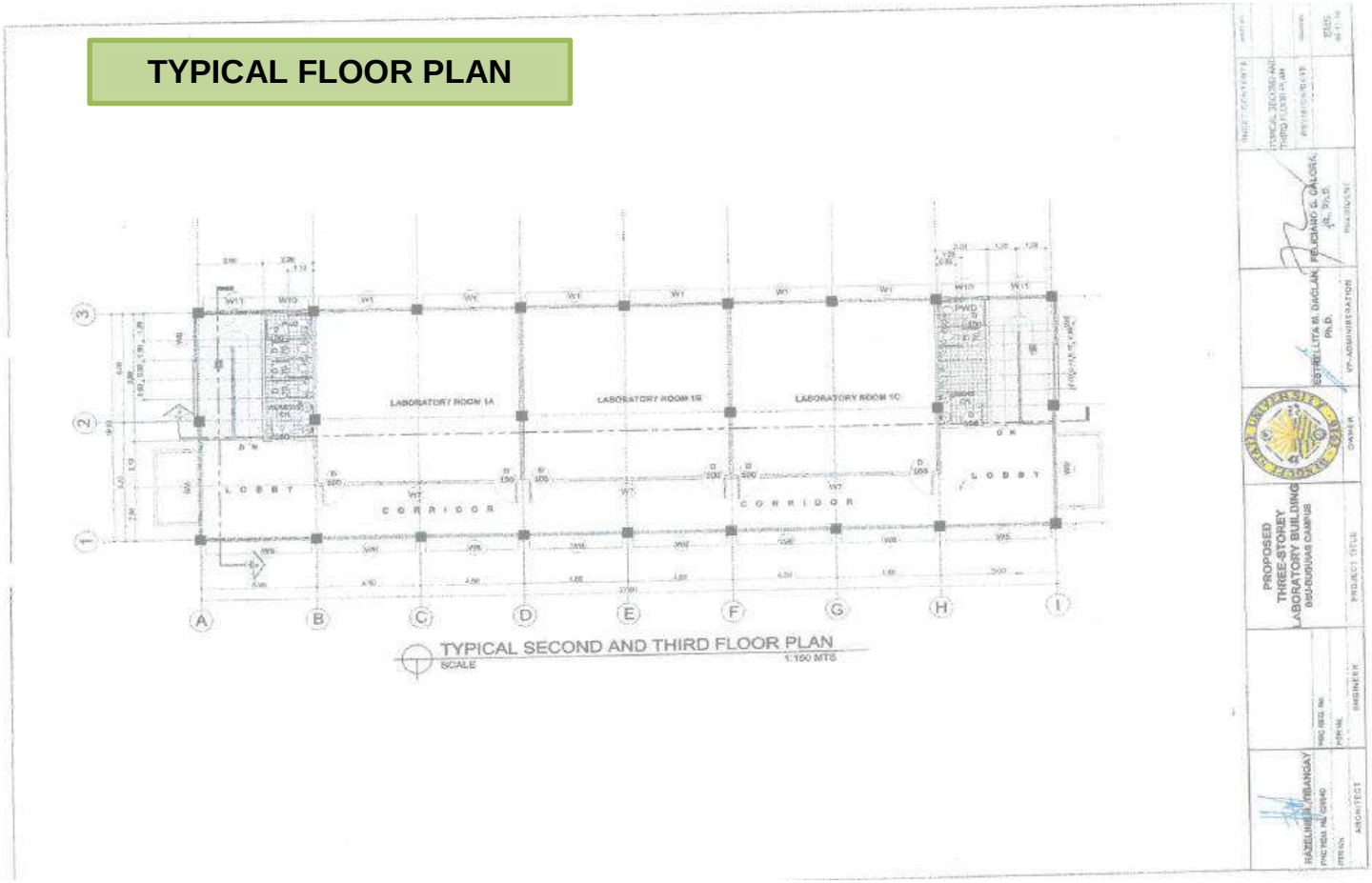
Table 37. Number of Buildings Used for Academic or Instruction Purposes

| | Buildings | No. of Buildings | NUMBER OF ROOMS USED AS | | | |
|---|---|---|---|---|---|---|
| | | | Lecture Rooms | Laboratory Rooms | Offices | Total |
| 1 | Agriculture Building | 1 | 1 | 4 | 0 | 5 |
| 2 | Civil Technology Furniture & Cabinet Making Shop | 1 | 2 | 2 | 3 | 7 |
| 3 | College Building | 1 | 1 | 2 | 1 | 4 |
| 4 | Cymbidium Building | 1 | 9 | 0 | 0 | 9 |
| 5 | Girls Trade Education Shop | 1 | 1 | 2 | 5 | 8 |
| 6 | Gymnasium | 1 | 1 | 1 | 2 | 4 |
| 7 | Home Economics Building | 1 | 1 | 4 | 0 | 5 |
| 8 | Related Subjects Building | 1 | 8 | 0 | 3 | 11 |
| 9 | Piggery House | 1 | 0 | 0 | 0 | 0 |
| 10 | Poultry House | 2 | 0 | 0 | 0 | 0 |
| 11 | Cold Storage | 1 | 0 | 0 | 0 | 0 |
| 12 | Apiary | 1 | 1 | 0 | 0 | 1 |
| | TOTAL | 13 | 25 | 16 | 14 | **55** |

## CYMBIDUIM BUILDING

Table. 38. A shared facility primarily used for lecture rooms.

| | |
|---|---|
| **Number of Stories** | **3** |
| **Total Floor Area (sqm)** | |
| **Used Solely by the Program** | Shared |
| **No. of classrooms** | 8 |
| **No. of Lab rooms** | 0 |
| **No. of Staff/Faculty Offices** | 0 |
| **No. of Rest Rooms (CR)** | 6 |
| **No. of Function Halls** | 1 |
| **No. of Lights** | 36 |
| **No. of Chairs** | 225 |
| **No. of Tables** | 9 |
| **No. of Chalkboards** | 0 |
| **No. of whiteboards** | 8 |
| **No. of Furniture** | 0 |
| **No. of IT resources** | 8 |
| **No. of SMART TV** | 6 |



CYMBIDUIM BUILDING





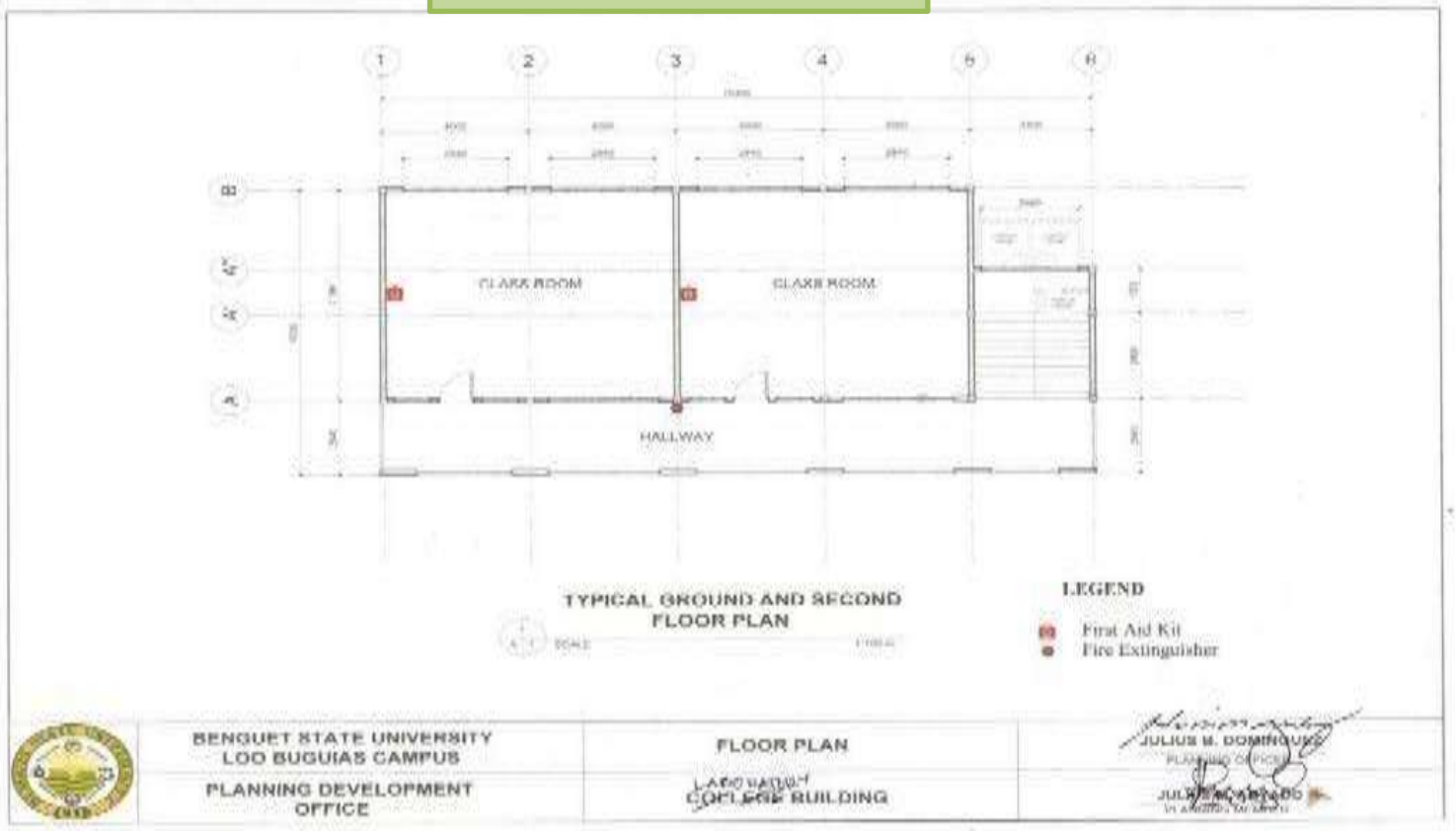



## COLLEGE BUILDING/LABORATORY BUILDING

Table 39. A shared facility primarily used for lecture and laboratory rooms.

| | |
|---|---|
| **Number of Stories** | **2** |
| **Total Floor Area (sqm)** | 375 |
| **Used Solely by the Program** | Shared |
| **No. of classrooms** | 1 |
| **No. of Lab rooms** | 3 |
| **No. of Staff/Faculty Offices** | 1 |
| **No. of Rest Rooms (CR)** | 1 |
| **No. of Function Halls** | 0 |
| **No. of Lights** | 24 |
| **No. of Chairs** | 90 |
| **No. of Tables** | 19 |
| **No. of Chalkboards** | 4 |
| **No. of whiteboards** | 2 |
| **No. of Furniture** | 7 |
| **No. of IT resources** | 40 |
| **No. of SMART TV** | 1 |

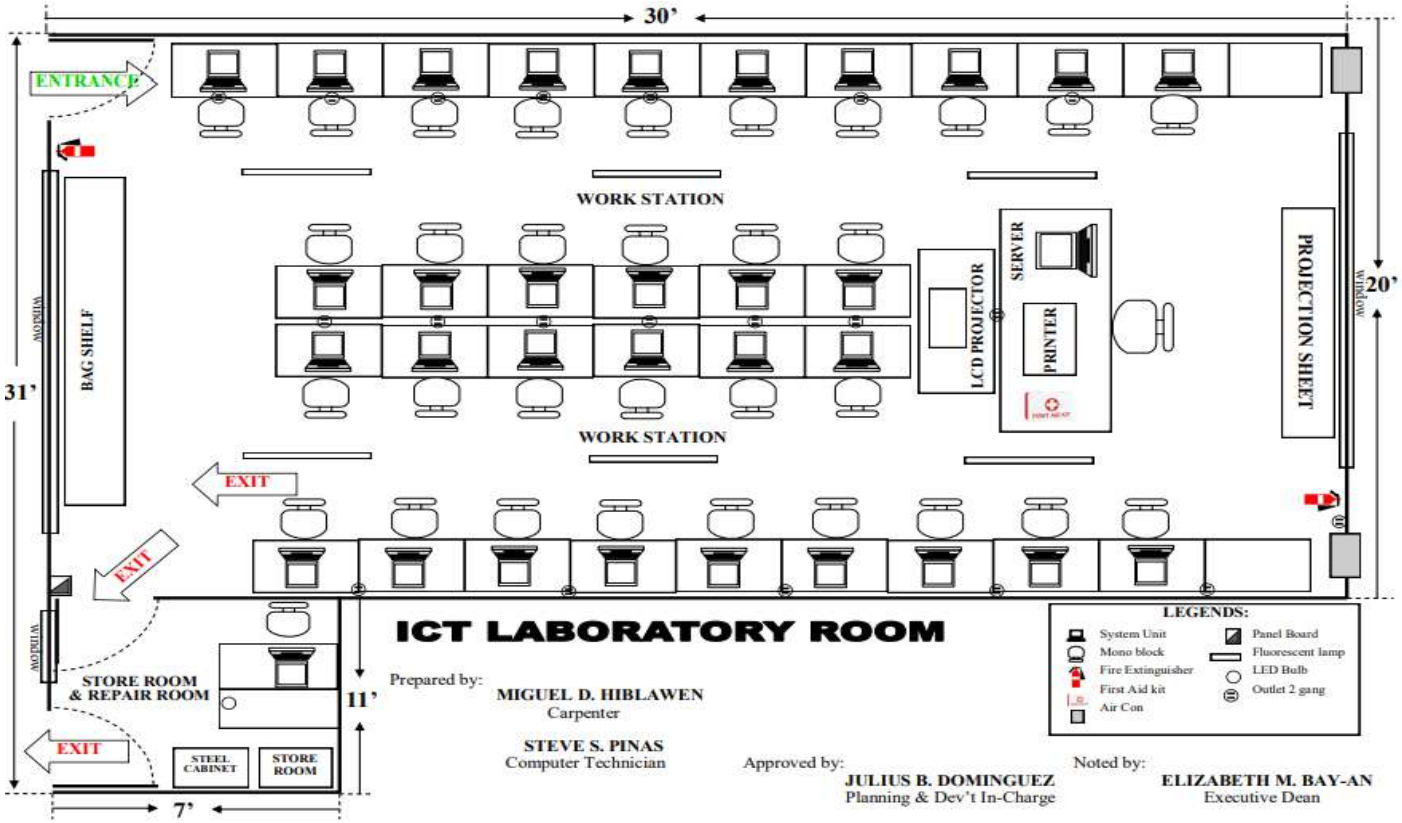
**FIRST FLOOR PLAN**



COLLEGE BUILDING/LABORATORY BUILDING

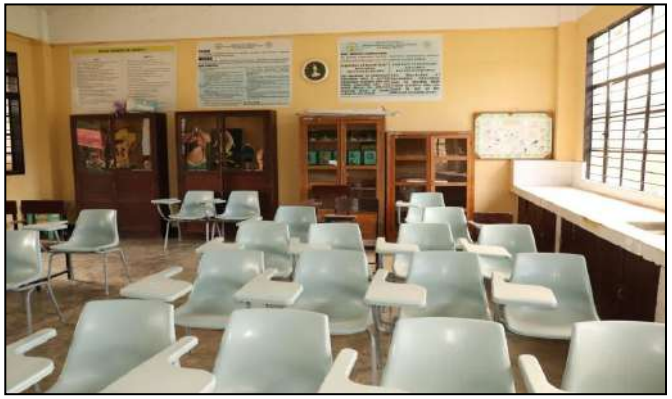
## SECOND FLOOR PLAN / ICT LABORATORY





COLLEGE BUILDING/LABORATORY BUILDING





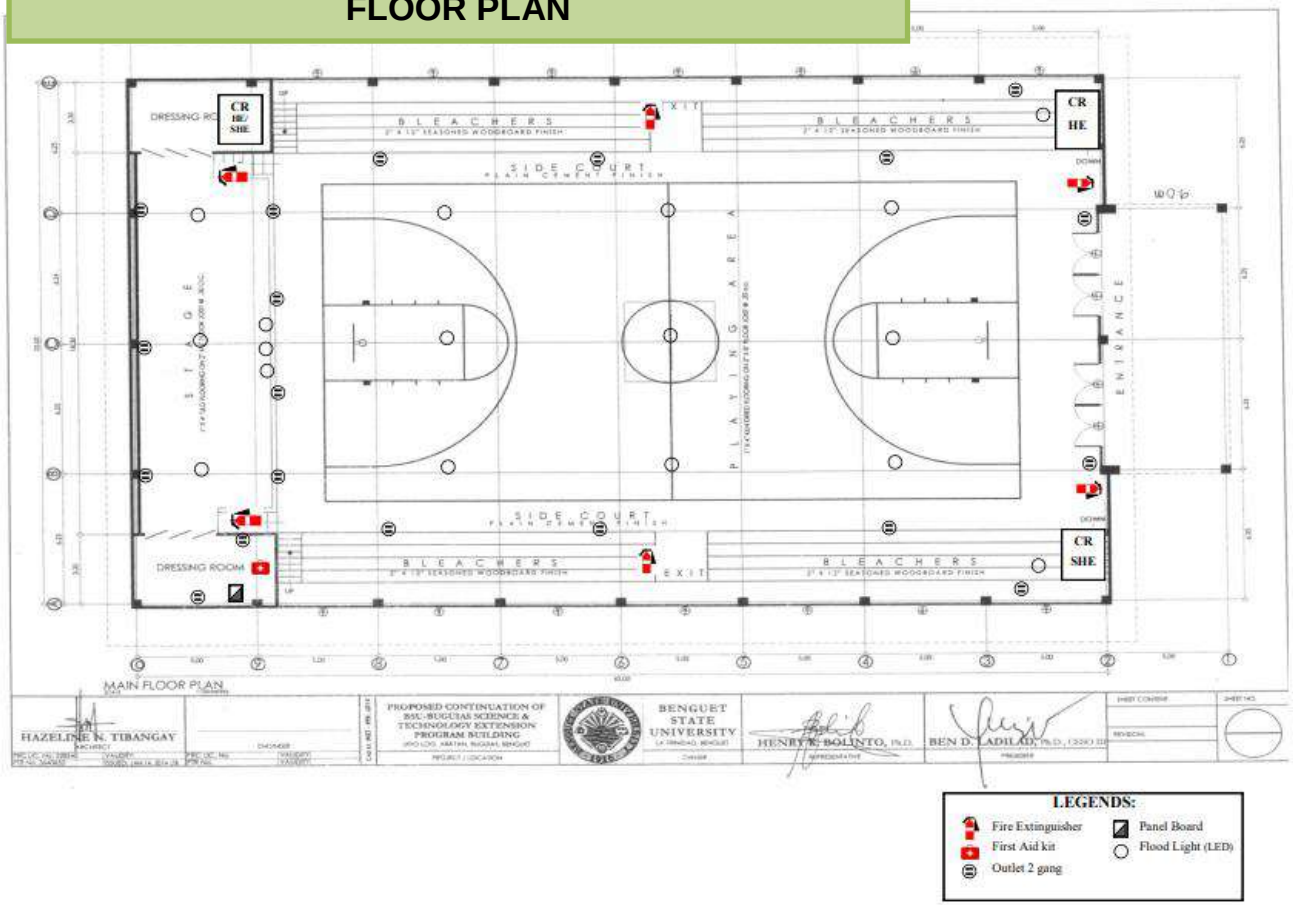


# GYMNASIUM

Table 40. A Multipurpose gymnasium shared by different colleges.

| | |
|---|---|
| **Number of Stories** | 1 |
| **Total Floor Area (sqm)** | 1000 |
| **Used Solely by the Program** | Shared |
| **No. of classrooms** | 0 |
| **No. of Lab rooms** | 0 |
| **No. of Staff/Faculty Offices** | 2 |
| **No. of Rest Rooms (CR)** | 3 |
| **No. of Function Rooms** | 1 |
| **No. of Lights** | 16 |
| **No. of Chairs** | 1000 |
| **No. of Tables** | 16 |
| **No. of Chalkboards** | 1 |
| **No. of whiteboards** | 0 |
| **No. of Furniture** | 4 |
| **No. of IT resources** | 1 |

**FLOOR PLAN**



GYMNASIUM



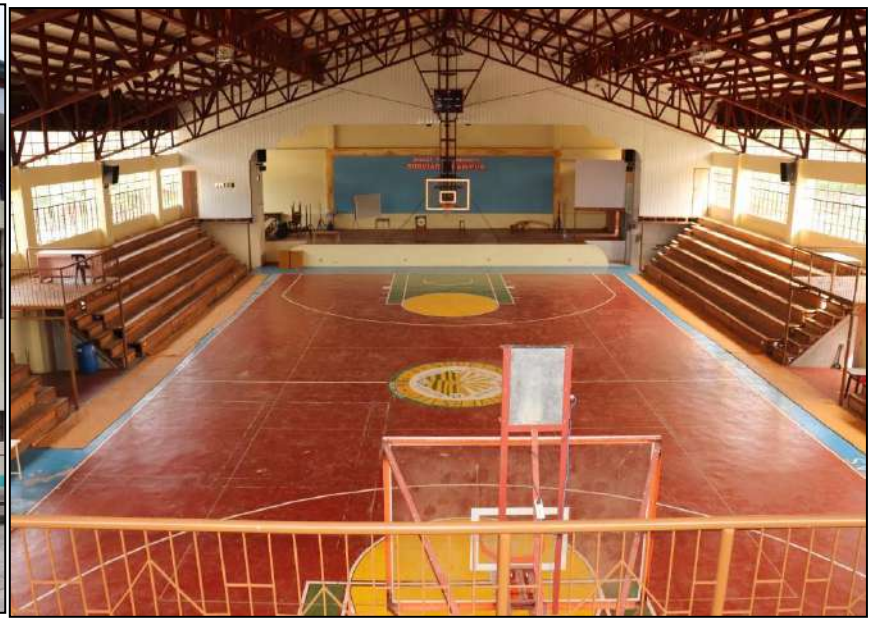
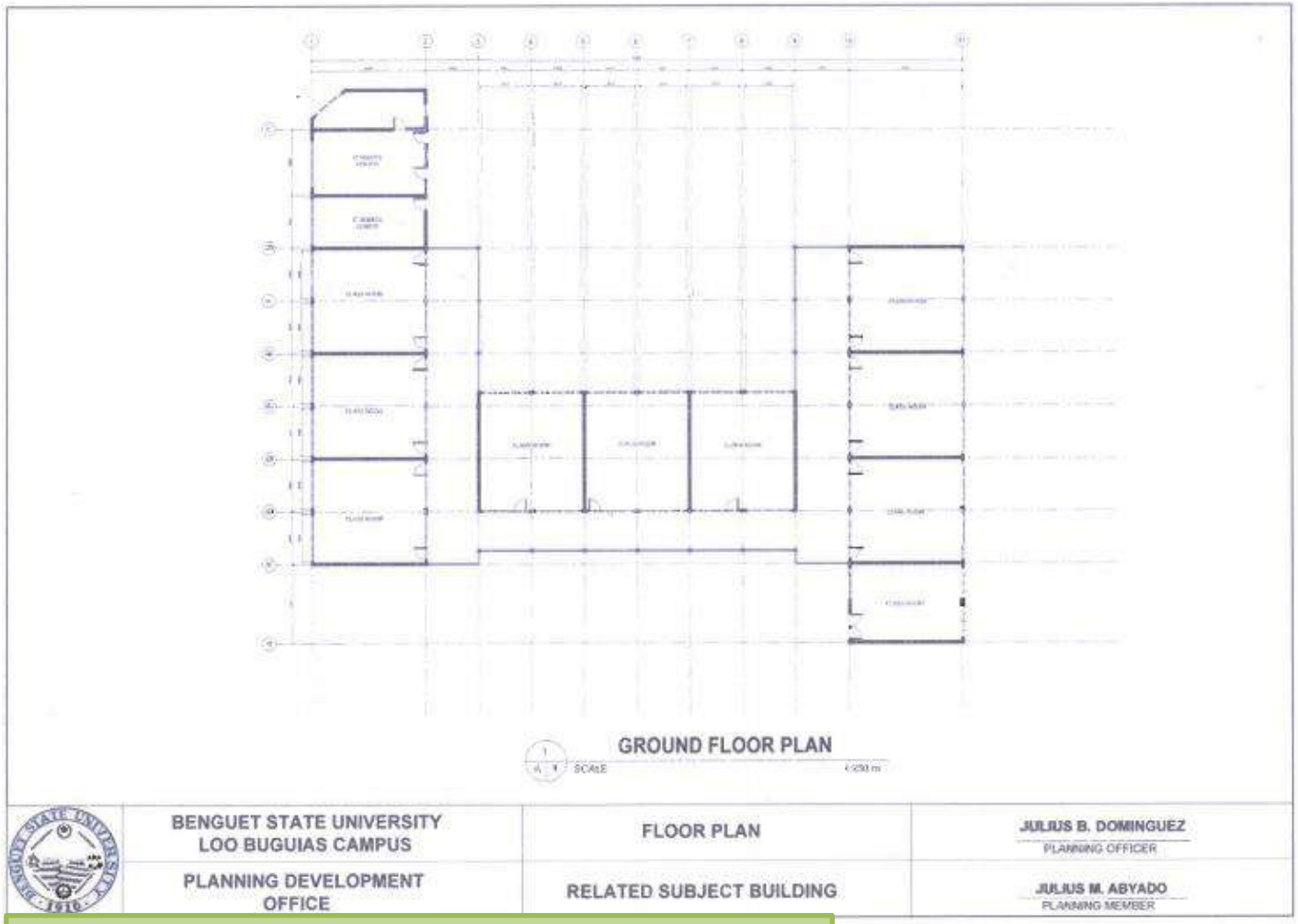







Table 41. Related Subjects Building

| | |
|---|---|
| **Number of Stories** | 1 |
| **Total Floor Area (sqm)** | 1008 |
| **Used Solely by the Program** | Shared |
| **No. of classrooms** | 9 |
| **No. of Lab rooms** | 0 |
| **No. of Staff/Faculty Offices** | 4 |
| **No. of Rest Rooms (CR)** | 1 |
| **No. of Function Rooms** | 1 |
| **No. of Lights** | 22 |
| **No. of Chairs** | 360 |
| **No. of Tables** | 9 |
| **No. of Chalkboards** | 18 |
| **No. of whiteboards** | 0 |
| **No. of Furniture** | 0 |
| **No. of IT resources** | 0 |




**FLOOR PLAN**

RELATED SUBJECTS BUILDING

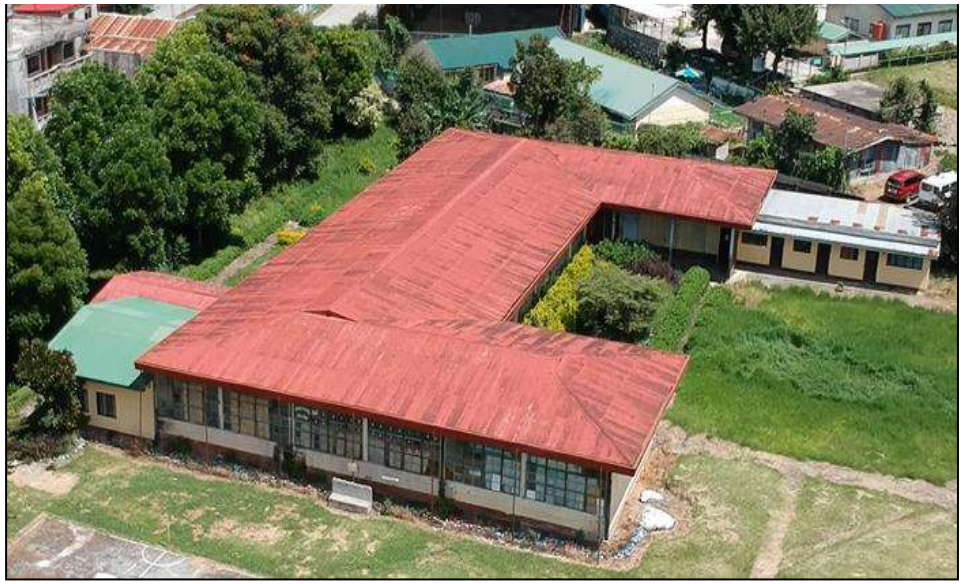




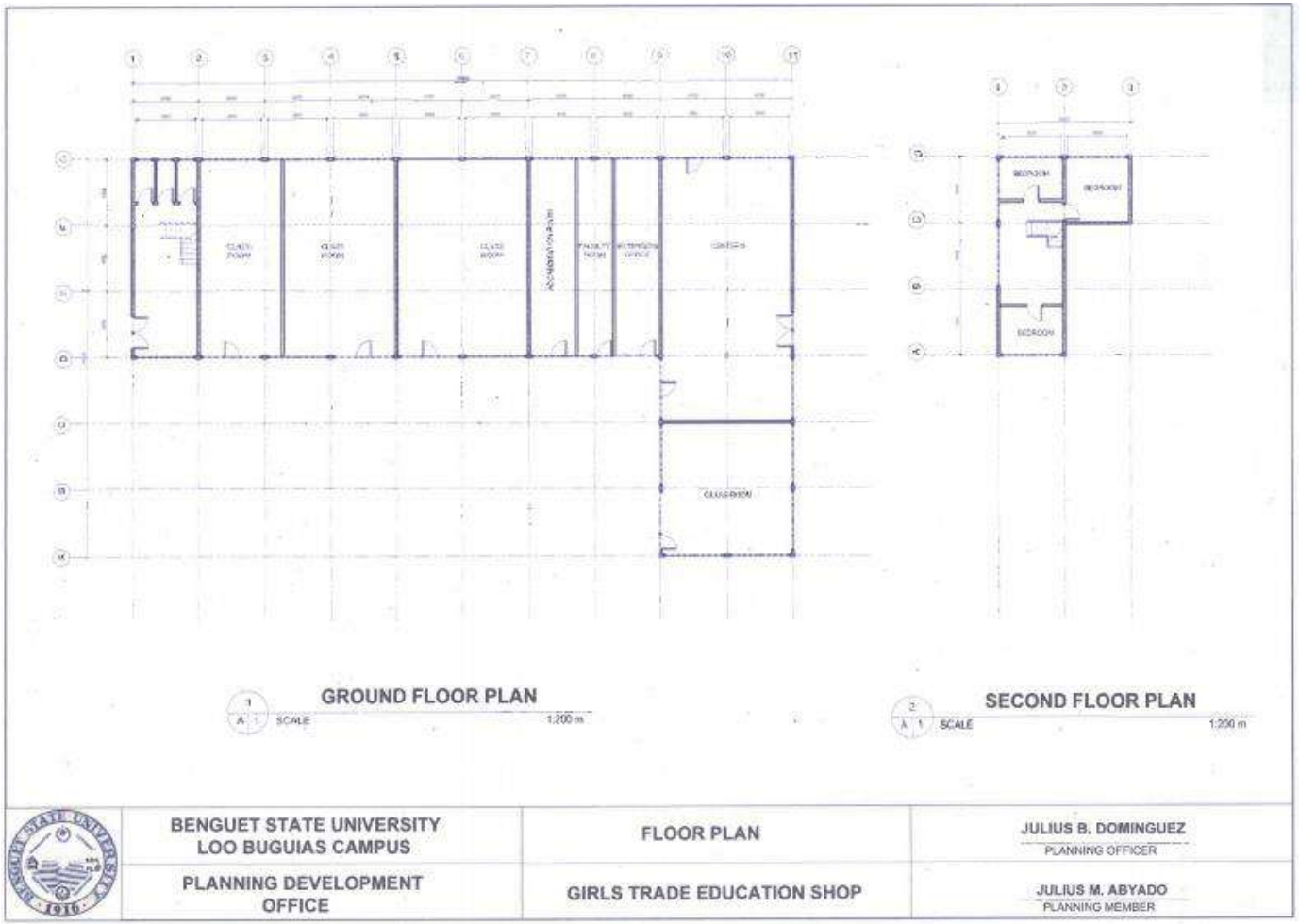




Table 42. Girl's Trade Building

| | |
|---|---|
| **Number of Stories** | 1 |
| **Total Floor Area (sqm)** | 576 |
| **Used Solely by the Program** | Shared |
| **No. of classrooms** | 2 |
| **No. of Lab rooms** | 1 |
| **No. of Staff/Faculty Offices** | 5 |
| **No. of Rest Rooms (CR)** | 2 |
| **No. of Function Rooms** | 0 |
| **No. of Lights** | 40 |
| **No. of Chairs** | 30 |
| **No. of Tables** | 35 |
| **No. of Chalkboards** | 6 |
| **No. of whiteboards** | 1 |
| **No. of Furniture** | 28 |
| **No. of IT resources** | 5 |

**FLOOR PLAN**



GIRL'S TRADE BUILDING







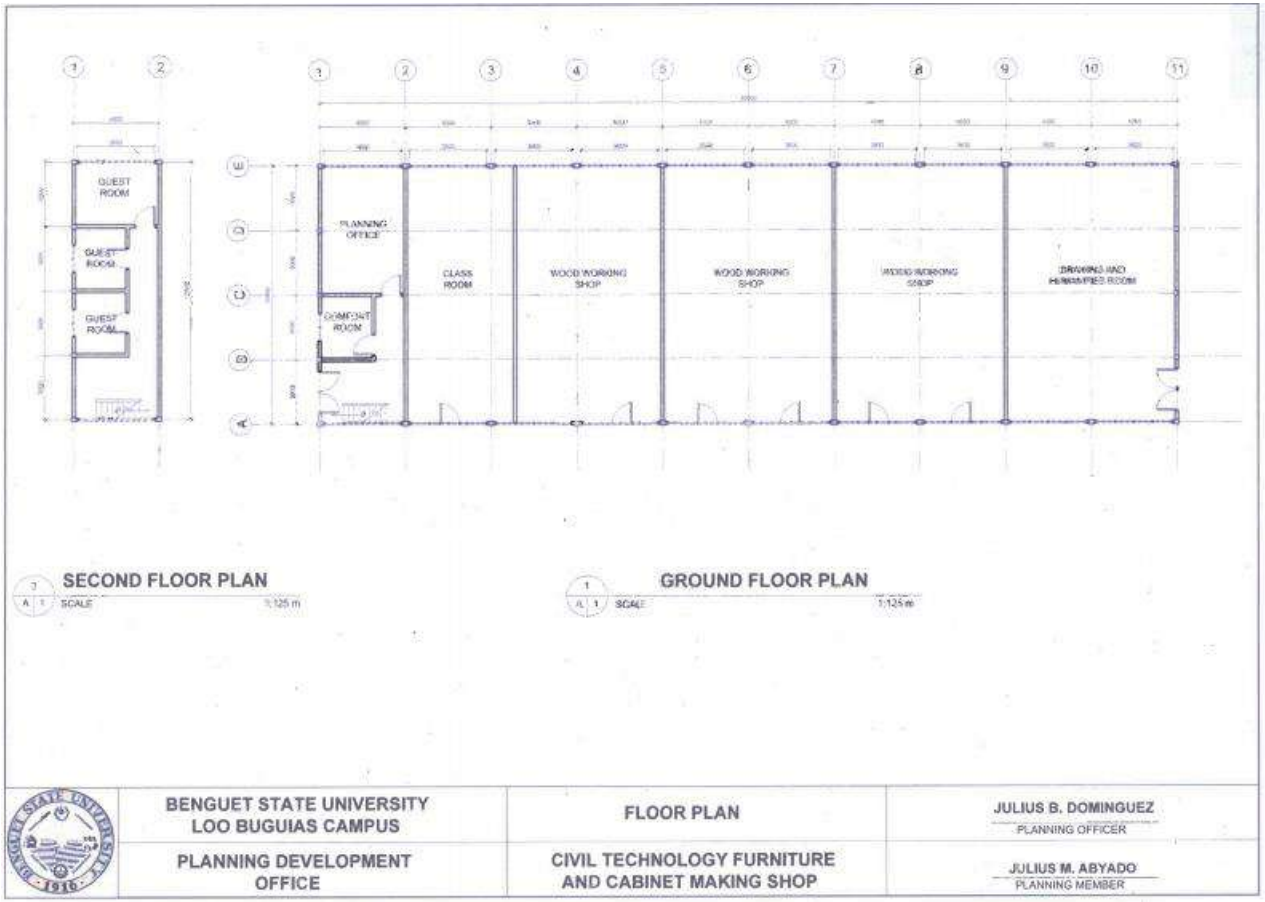




Table 43. Civil Technology Building/Furniture and Cabinet Making Building

| | |
|---|---|
| **Number of Stories** | 1 |
| **Total Floor Area (sqm)** | 480 |
| **Used Solely by the Program** | Shared |
| **No. of classrooms** | 0 |
| **No. of Lab rooms** | 4 |
| **No. of Staff/Faculty Offices** | 1 |
| **No. of Rest Rooms (CR)** | 3 |
| **No. of Function Rooms** | 0 |
| **No. of Lights** | 12 |
| **No. of Chairs** | 20 |
| **No. of Tables** | 36 |
| **No. of Chalkboards** | 4 |
| **No. of whiteboards** | 0 |
| **No. of Furniture** | 4 |
| **No. of IT resources** | 0 |

**FLOOR PLAN**



CIVIL TECHNOLOGY BUILDING/FURNITURE AND CABINET MAKING BUILDING



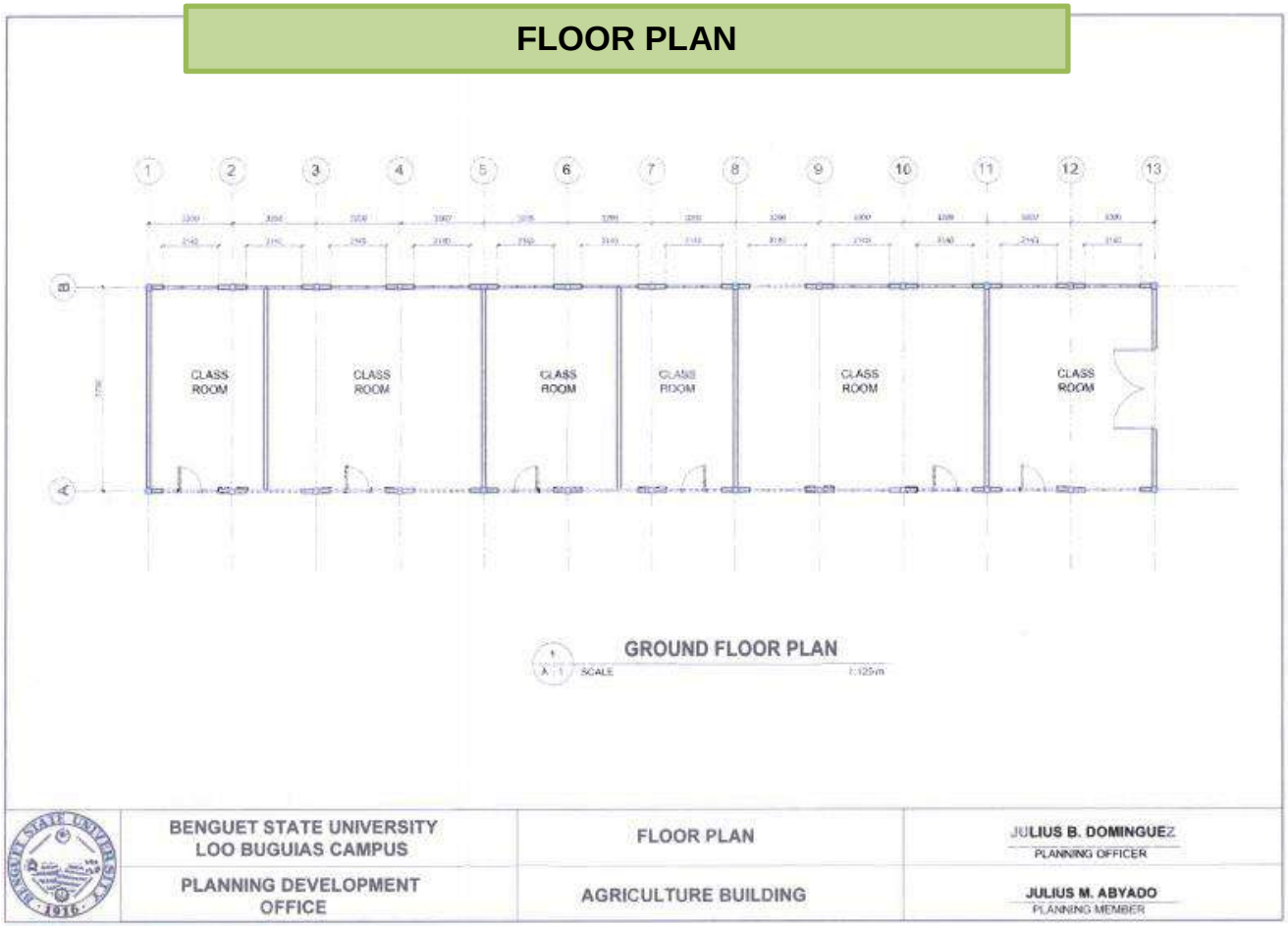






Table 44. Agriculture Building

| | |
|---|---|
| **Number of Stories** | 1 |
| **Total Floor Area (sqm)** | 300 |
| **Used Solely by the Program** | Shared |
| **No. of classrooms** | 5 |
| **No. of Lab rooms** | 5 |
| **No. of Staff/Faculty Offices** | 0 |
| **No. of Rest Rooms (CR)** | 0 |
| **No. of Function Rooms** | 0 |
| **No. of Lights** | 10 |
| **No. of Chairs** | 75 |
| **No. of Tables** | 10 |
| **No. of Chalkboards** | 10 |
| **No. of whiteboards** | 0 |
| **No. of Furniture** | 12 |
| **No. of IT resources** | 0 |



AGRICULTURE BUILDING







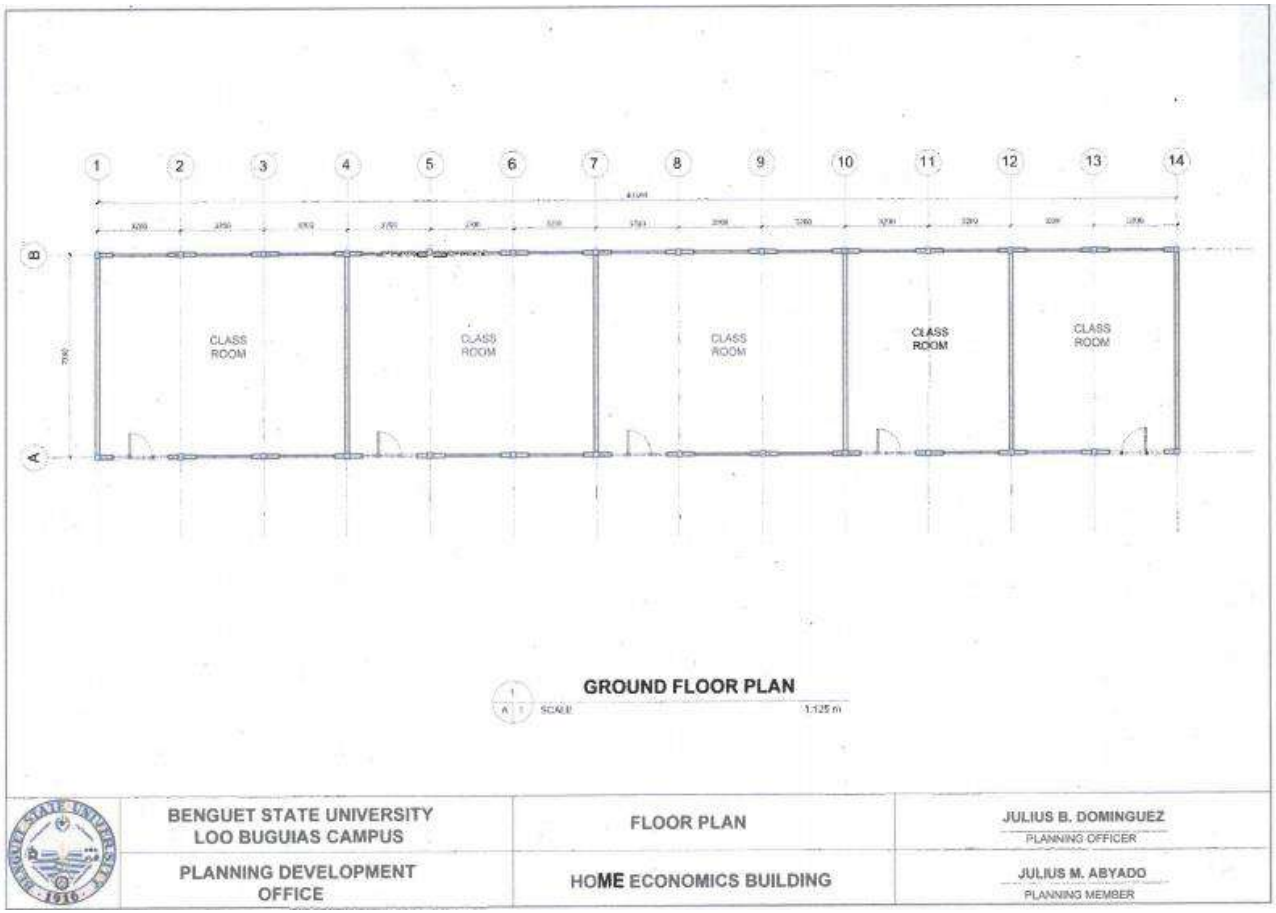




Table 45. Home Economics Building

| | |
|---|---|
| **Number of Stories** | 1 |
| **Total Floor Area (sqm)** | 300 |
| **Used Solely by the Program** | Shared |
| **No. of classrooms** | 4 |
| **No. of Lab rooms** | 5 |
| **No. of Staff/Faculty Offices** | 0 |
| **No. of Rest Rooms (CR)** | 0 |
| **No. of Function Rooms** | 0 |
| **No. of Lights** | 10 |
| **No. of Chairs** | 75 |
| **No. of Tables** | 10 |
| **No. of Chalkboards** | 10 |
| **No. of whiteboards** | 0 |
| **No. of Furniture** | 12 |
| **No. of IT resources** | 0 |

**FLOOR PLAN**



HOME ECONOMICS BUILDING

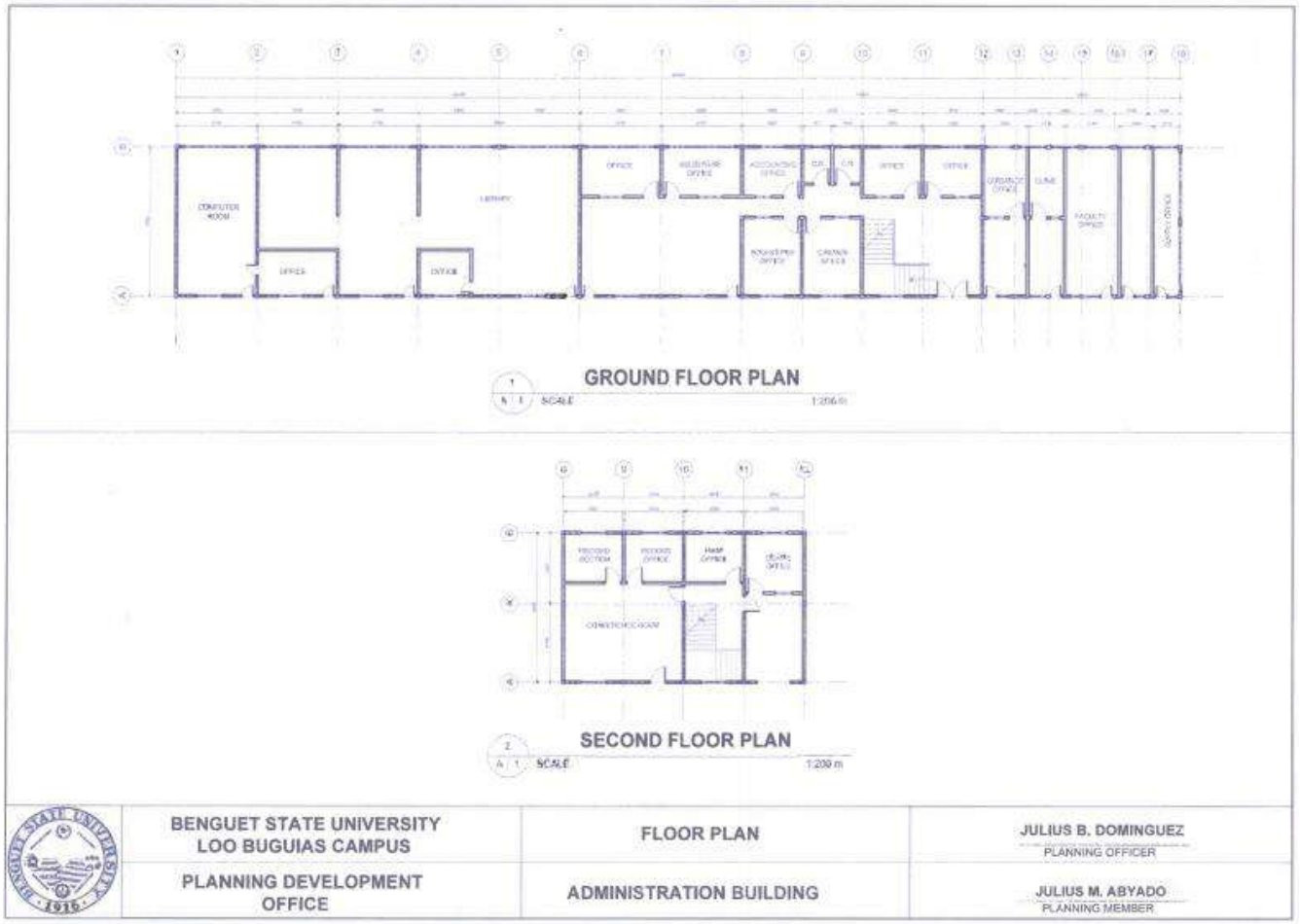






Table 46. Administrative Building Offices

| Offices |
|---|
| Accounting Office |
| Budget Office |
| Cashiering Office |
| Registrar's Office |
| Library |
| Faculty Office (Related Subjects) |
| Guidance office |
| Faculty Office (Criminology) |
| School Clinic |
| Gender and Development Office |
| Supply Office |
| Deans office (COE) |
| Deans Office (CA) |
| Executive Deans Office |
| Human Resource Management Office |
| Records Office |
| President's office/Conference Room |



ADMINISTRATIVE BUILDING OFFICES










Table 47. Marketing Center

| Offices | Marketing Center | Accreditation Room |
|---|---|---|
| Area (sqm) | 50 | 40 |
| Capacity | 20 | 16 |
| No. of Tables | 1 | 3 |
| Presence of Reception area | 0 | 0 |
| Presence of Lounging Area | 0 | 0 |
| Presences of Communication Equipment | 0 | 0 |
| Presence of Rest Room | 0 | 1 |
| Presence of Computer | 0 | 0 |






# OTHER BUILDINGS/FACILITIES USED FOR INSTRUCTIONAL PURPOSES


















OTHER BUILDINGS/FACILITIES USED FOR INSTRUCTIONAL PURPOSES















OTHER BUILDINGS/FACILITIES USED FOR INSTRUCTIONAL PURPOS












Table 48. List of Function Rooms

| Room | Location/Building | Total Area (sqm) | Capacity |
|---|---|---|---|
| Function Hall | Cymbidium Building | 65 | 43 |
| Board Room | Cymbidium Building | 130 | 86 |
| Conference Room | Administration Building | 42.63 | 28 |
| ICT Laboratory Room | Laboratory/ College Building | 114.88 | 35 |
| Educational Media Center | Administration Building | 57.2 | 20 |
| Audio – Visual Room | Related Subjects Building | 45.23 | 30 |







Table 49. List of Other Rooms

| Room | Location/Building | Total Area (sqm) | Capacity |
|---|---|---|---|
| Security Guard's Quarters | Main Gate of the Campus | 11 | 4 |
| Store Room 1 | Motor Pool | 4.5 | / |
| Store Room 2 | Room 20 | 17.82 | / |
| Guest House | Girls Trade Building | 70 | 50 |



Table 50. Medical Clinic

| | |
|---|---|
| Area (sqm) | 30.60 |
| Capacity | 5 |
| Presence of Reception area | / |
| Presence of Examination/ Treatment Room | / |
| Presence of Filing/Records Section | / |
| Presence of Clean and Safe Water Supply | / |
| Presence of Good Ventilation & Lighting | / |

Table 51. Dental Clinic

| | |
|---|---|
| Area (sqm) | RHU-BUGUIAS |
| Capacity | / |
| Presence of Reception area | / |
| Presence of Examination/ Treatment Room | / |
| Presence of Filing/Records Section | / |
| Presence of Clean and Safe Water Supply | / |
| Presence of Good Ventilation & Lighting | / |



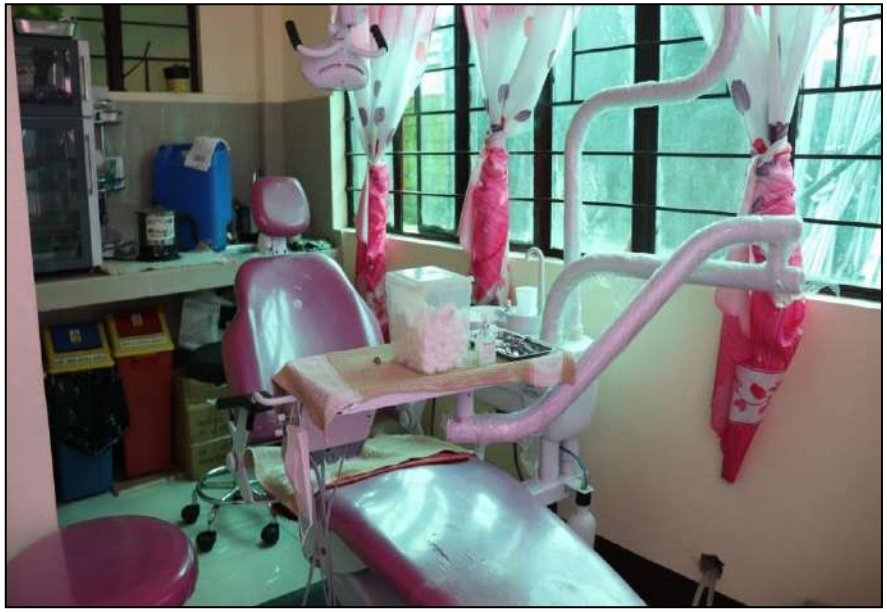


Table 52. List of Facilities for Assemblies/Conferences

| Facility | Total Area (sqm) | Capacity | Acoustics | | Nature of Activity |
|---|---|---|---|---|---|
| | | | With | Without | |
| Multi-purpose Gym | 1125 | 750 | / | | Sports Fest<br>Assemblies<br>Graduation Ceremony |
| Function Hall | 195 | 130 | / | | Conferences<br>Seminars & Trainings |
| Conference Room | 85 | 50 | | | Employees' Meeting |
| Audio-Visual Room | 45.23 | 50 | | | Employees' Meeting, Seminar-Workshop for Small Number of Participants |





Table 53. List and Types of Existing Laboratory Rooms

| Type | Location | Number of Laboratory Rooms | Capacity |
|---|---|---|---|
| ICT Laboratory Room | College Building | 1 | 50 |
| Educational Media Center | Administration Building | 1 | 30 |
| Agriculture Laboratory Room | Agriculture Building | 2 | 20 |
| Garments Laboratory Room | Girl's Trade Building | 1 | 15 |
| Home Economics Laboratory Room (Food Processing Laboratory) | Agriculture Building | 3 | 45 |
| Automotive Technology Laboratory | Home Economics Building | 2 | 30 |
| Civil Technology Laboratory | Civil Technology/FCM Building | 2 | 30 |
| Electrical Technology Laboratory | Home Economics Building | 2 | 20 |
| Science Laboratory Room | College/Laboratory Building | 1 | 20 |

GARMENTS, FASHION AND DESIGN LABORATORY ROOM











ICT LABORATORY AND MEDIA CENTER











FOOD SERVICE MANAGEMENT LABORATORY ROOM












AUTOMOTIVE TECHNOLOGY LABORATORY ROOM















CIVIL AND CONSTRUCTION TECHNOLOGY LABORATORY ROOM









ELECTRICAL AND ELECTRONICS TECHNOLOGY LABORATORY ROOM
















AGRICULTURE LABORATORY ROOM/AREA







## C. DEVELOPMENT CONSTRAINTS

The BSU Main Campus hub is traversed by the Baguio-Bontoc National Highway so it is very accessible. It is also easy to move around the campus through a main road running from the Administration Building area to the College of Engineering and Applied Technology (CEAT). There are also access roads to the other areas in the university. Areas away from the hub like Lot 1-A and Lot 2 are accessed through the Baguio-Longlong Road.

**Challenges and Opportunities**. The challenges confronting development efforts in the university are the concerns of decreasing land area; increasing university population amid changing trends and emerging needs; and, the impending decrease in budget from national government.

**Decreasing land area**. The decreasing University land reservations due to several factors had been the bane of previous administrators. Up to this date, this challenge still looms in the horizon for present administrators as they face the problems of squatting, conveyance thru legal means and other similar acts that further diminish the landholdings of the university. The 2015 Campus Master Planning Workshop was an eye-opener for many of the participants who had a first-hand encounter with the stark reality of overwhelming proliferation of illegal occupants. This will hopefully lead to a more concerted effort towards optimum land use in the coming years.

**Increasing population**. With the increasing BSU population, it is noted that the BSU Main Campus hub is already congested. Land usage in this area is too diverse and the limited area no longer provides space for expansion. The availability of areas in the other lots provides the opportunity for expansion. The Talingguroy area, for instance, which houses the Climate-Smart Agriculture Center, can accommodate other research, extension and academic uses.

**Changing trends and emerging needs**. As BSU is within a wider environment and positively guided by its core value of RESPONSIVENESS, it cannot ignore changing trends and emerging needs in its service area. These are the forces that necessitate the conceptualization of new programs like course offerings, research and extension endeavors, business ventures; or even the search for better ways of doing things. This means that the faculty and staff have to continually keep themselves abreast of current developments. BSU administrators, past and present, have shown their strong support to Human Resource Development undertakings, thus, this challenge can be met.

**Impending decrease in budget from national government**. In President Benigno S. Aquino III's message in a budget hearing during the 15$^{th}$ congress, he pronounced, "we are gradually reducing the subsidy to SUCs to push them toward becoming self-sufficient and financially independent, given their ability to raise their income and to utilize it for their programs and projects." Indeed, with its landholdings and other assets, BSU has comparative advantages that it can harness to raise income.

Adding weight to these challenges are the specific on-the ground problems identified in the workshop which were mostly on non-compliance with quality-assurance standards in human resource capabilities, physical facilities and equipment.

The University looks forward to addressing the growing number of needs in terms of education, tourism, community development, agricultural production and other economic concerns. Using the physical resources existing within the parameters of the University as a tool for development, more investments will be introduced leading to self-sustenance and self-reliance. The University will also continue sourcing out funds from its local and international linkages and continue fostering collaborative undertakings with its institutional partners. All these are expected to lead to the realization of solutions to problems identified by each sector in time to redefine the University's existing levels of excellence.

## D. SITE DEVELOPMENT PLAN

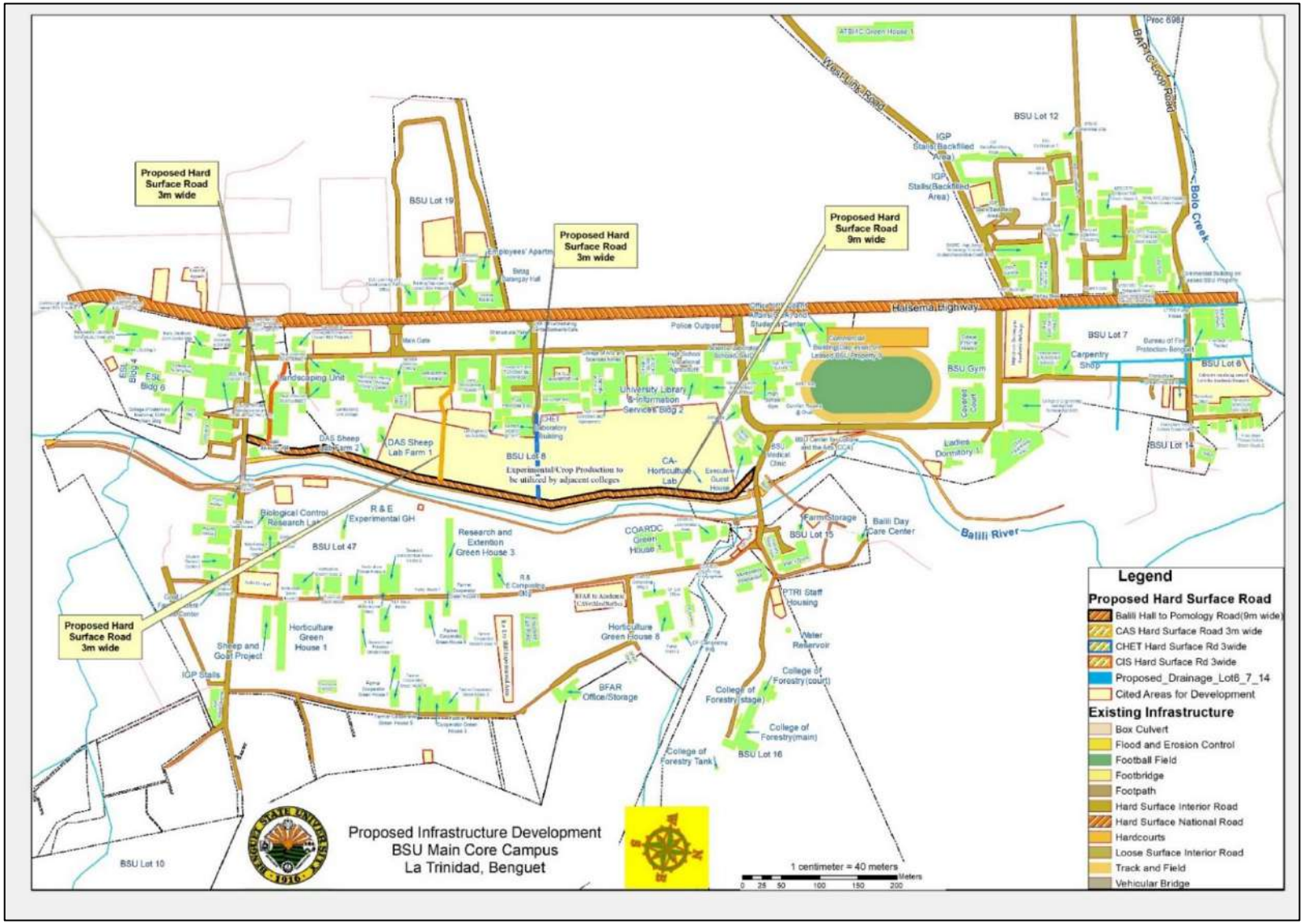



Figure 69. Existing and Proposed Road Network – La Trinidad Campus (Main)

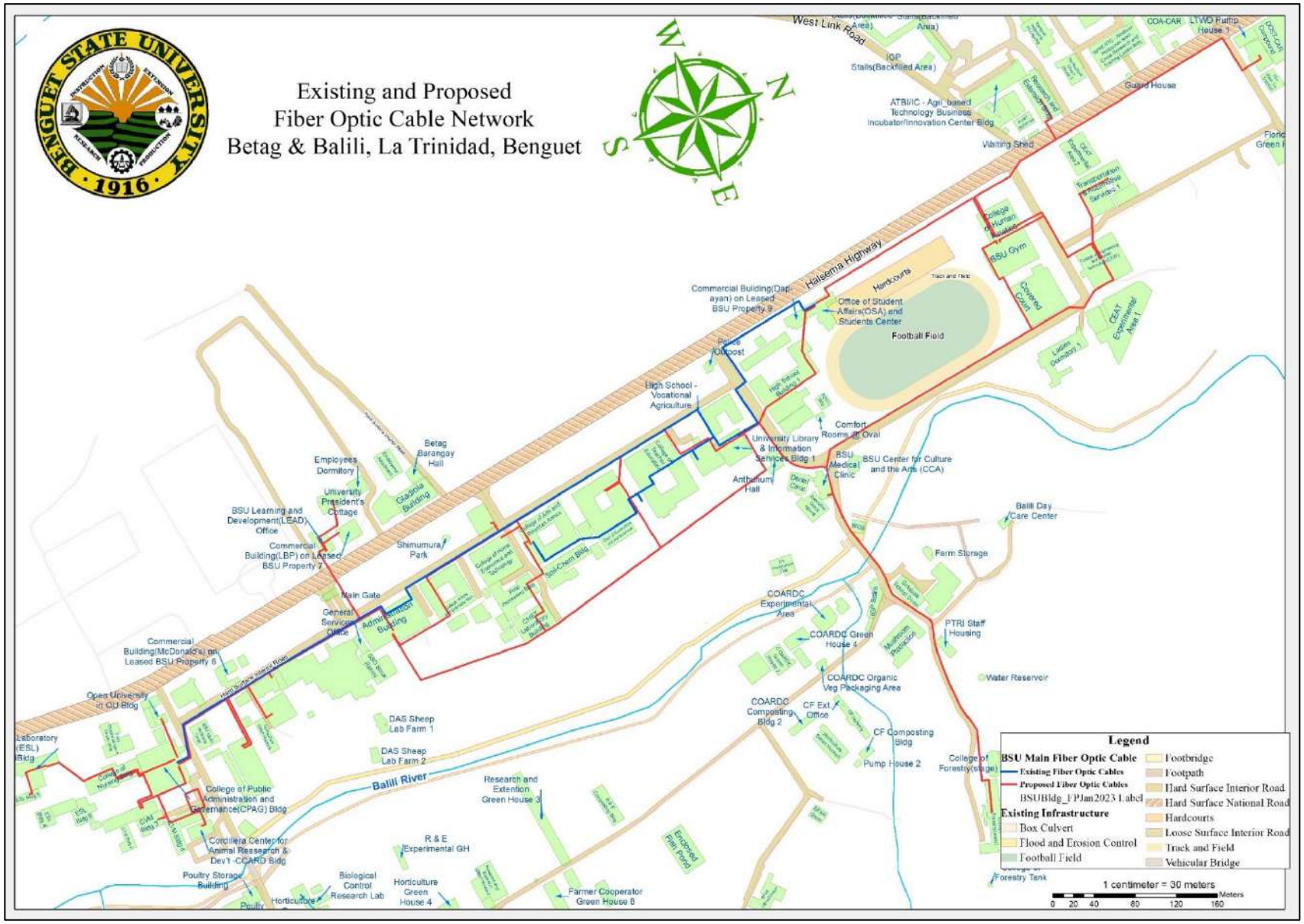
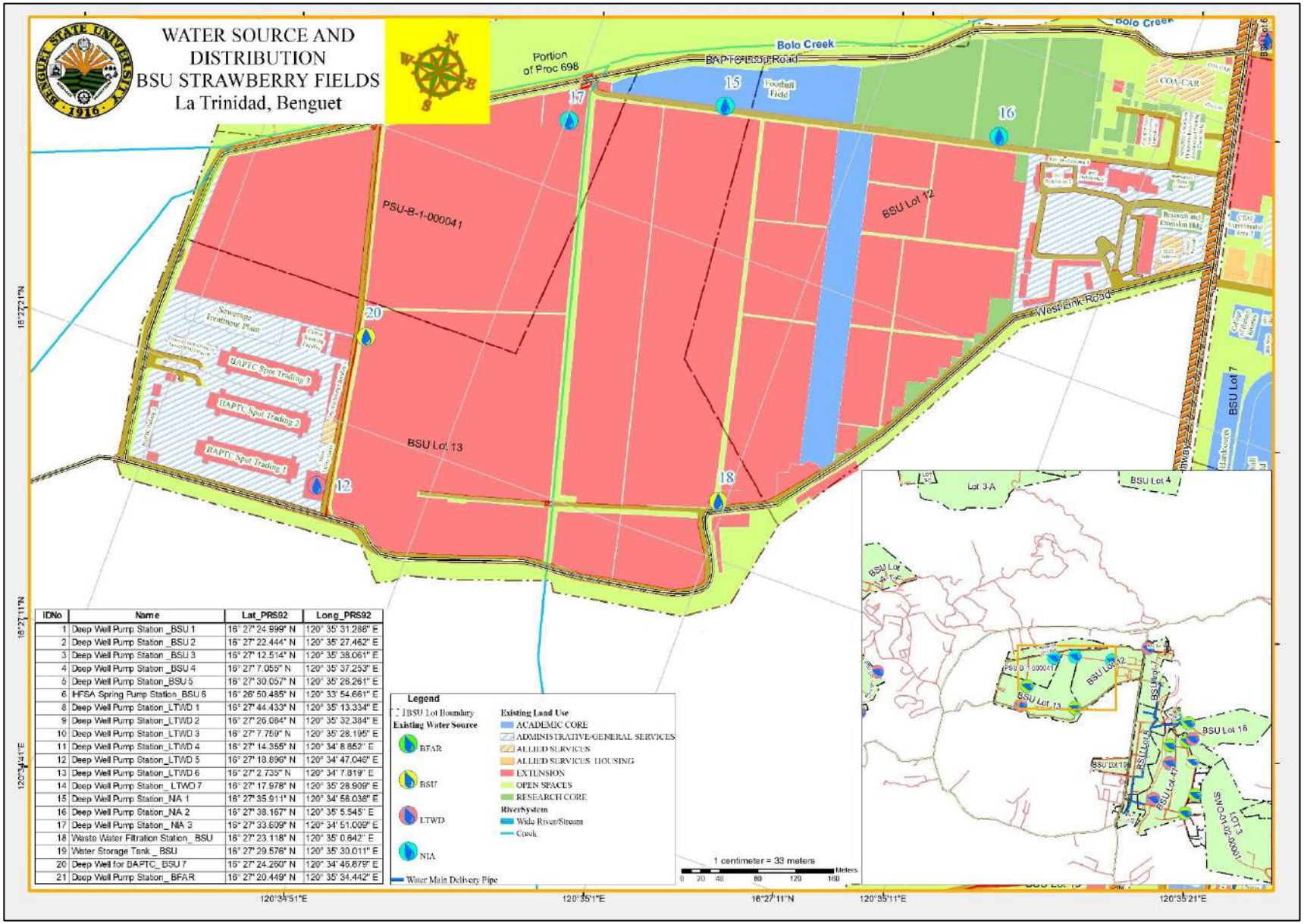
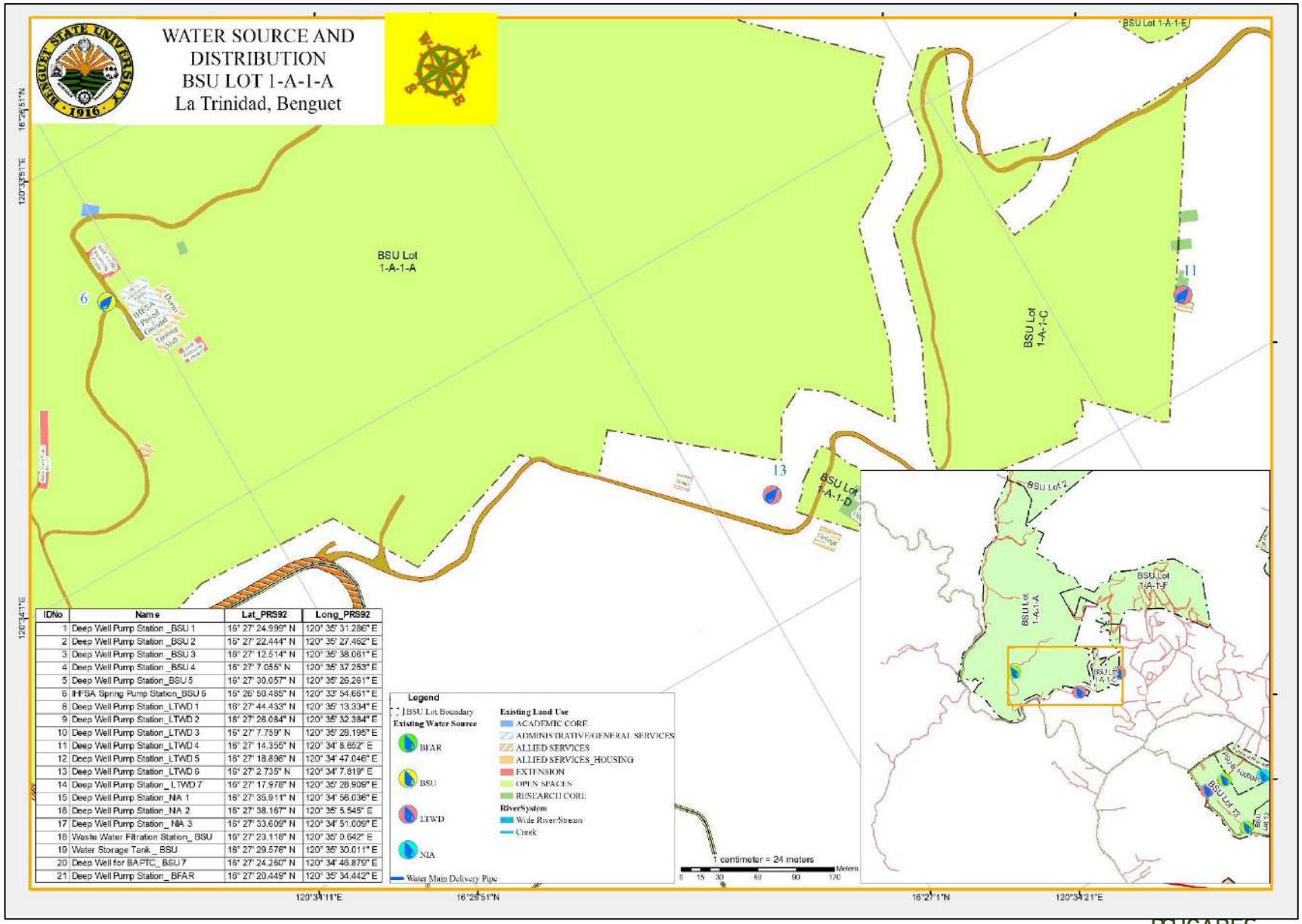



Figure 70. Existing and Proposed Fiber Optic Cable Network – La Trinidad Campus (Main)



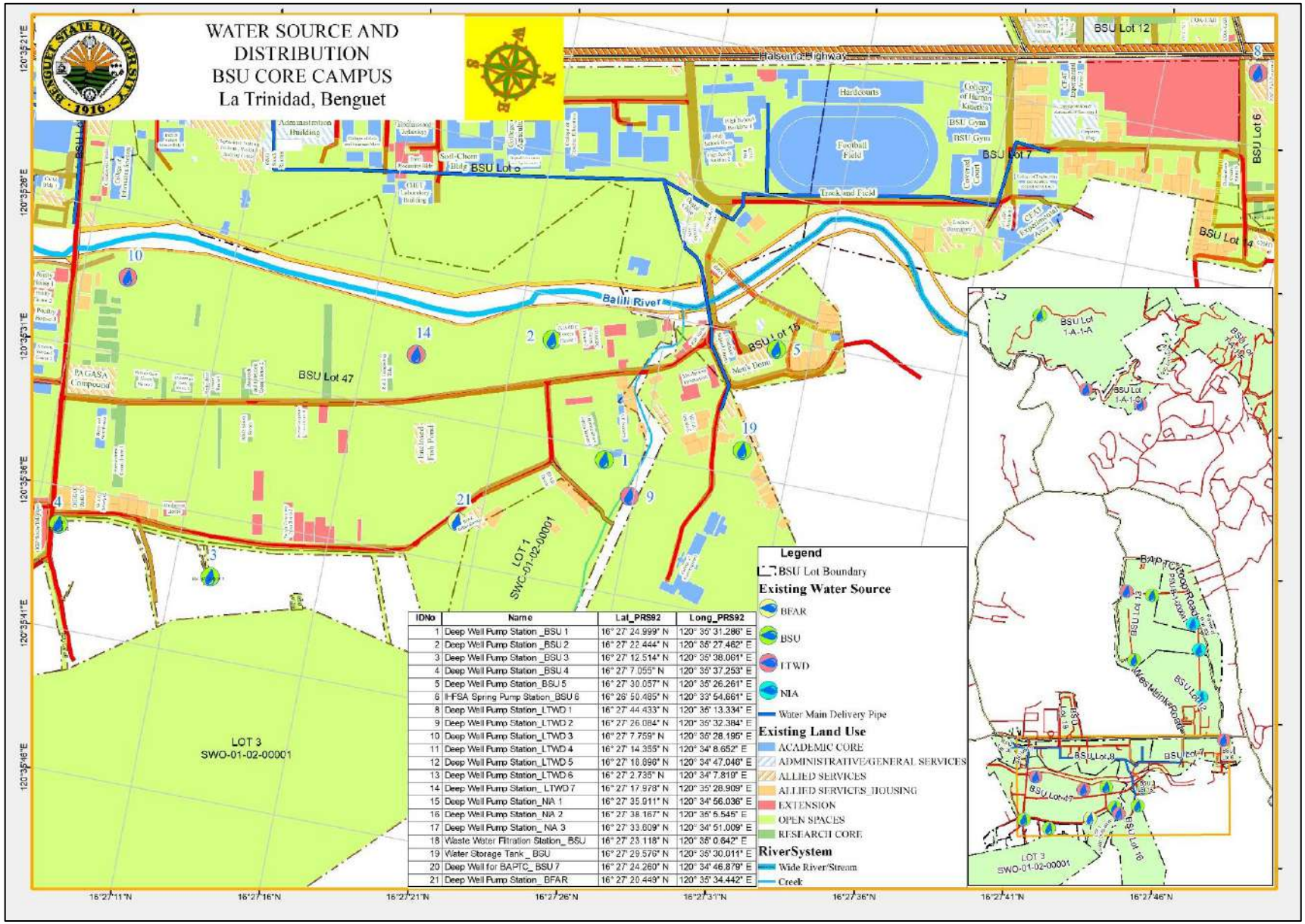

| IDNo | Name | Lat_PRS92 | Long_PRS92 |
|---|---|---|---|
| 1 | Deep Well Pump Station _BSU 1 | 16° 27' 24.999" N | 120° 35' 31.286" E |
| 2 | Deep Well Pump Station _BSU 2 | 16° 27' 22.444" N | 120° 35' 27.462" E |
| 3 | Deep Well Pump Station _BSU 3 | 16° 27' 12.514" N | 120° 35' 38.061" E |
| 4 | Deep Well Pump Station _BSU 4 | 16° 27' 7.055" N | 120° 35' 37.253" E |
| 5 | Deep Well Pump Station_BSU 5 | 16° 27' 30.057" N | 120° 35' 26.261" E |
| 6 | HFSA Spring Pump Station_BSU 6 | 16° 26' 50.485" N | 120° 33' 54.661" E |
| 8 | Deep Well Pump Station_LTWD 1 | 16° 27' 44.433" N | 120° 35' 13.334" E |
| 9 | Deep Well Pump Station_LTWD 2 | 16° 27' 26.084" N | 120° 35' 32.384" E |
| 10 | Deep Well Pump Station_LTWD 3 | 16° 27' 7.759" N | 120° 35' 28.195" E |
| 11 | Deep Well Pump Station_LTWD 4 | 16° 27' 14.355" N | 120° 34' 8.852" E |
| 12 | Deep Well Pump Station_LTWD 5 | 16° 27' 18.896" N | 120° 34' 47.046" E |
| 13 | Deep Well Pump Station_LTWD 6 | 16° 27' 2.735" N | 120° 34' 7.819" E |
| 14 | Deep Well Pump Station_ LTWD 7 | 16° 27' 17.978" N | 120° 35' 28.909" E |
| 15 | Deep Well Pump Station_NIA 1 | 16° 27' 35.911" N | 120° 34' 58.038" E |
| 16 | Deep Well Pump Station_NIA 2 | 16° 27' 38.167" N | 120° 35' 5.545" E |
| 17 | Deep Well Pump Station_ NIA 3 | 16° 27' 33.609" N | 120° 34' 51.009" E |
| 18 | Waste Water Filtration Station_ BSU | 16° 27' 23.118" N | 120° 35' 0.842" E |
| 19 | Water Storage Tank _ BSU | 16° 27' 29.576" N | 120° 35' 30.011" E |
| 20 | Deep Well for BAPTC_ BSU 7 | 16° 27' 24.260" N | 120° 34' 46.679" E |
| 21 | Deep Well Pump Station_ BFAR | 16° 27' 20.449" N | 120° 35' 34.442" E |

Figure 71. Existing Water Source and Distribution – Strawberry Fields La Trinidad Campus (Main)




| IDNo | Name | Lat_PRS92 | Long_PRS92 |
|---|---|---|---|
| 1 | Deep Well Pump Station _BSU 1 | 16° 27' 24.999" N | 120° 35' 31.286" E |
| 2 | Deep Well Pump Station _BSU 2 | 16° 27' 22.444" N | 120° 35' 27.462" E |
| 3 | Deep Well Pump Station _BSU 3 | 16° 27' 12.514" N | 120° 35' 38.061" E |
| 4 | Deep Well Pump Station _BSU 4 | 16° 27' 7.055" N | 120° 35' 37.253" E |
| 5 | Deep Well Pump Station_BSU 5 | 16° 27' 30.057" N | 120° 35' 26.261" E |
| 6 | IHFSA Spring Pump Station_BSU 6 | 16° 26' 50.485" N | 120° 33' 54.661" E |
| 8 | Deep Well Pump Station_LTWD 1 | 16° 27' 44.433" N | 120° 35' 13.334" E |
| 9 | Deep Well Pump Station_LTWD 2 | 16° 27' 26.084" N | 120° 35' 32.384" E |
| 10 | Deep Well Pump Station_LTWD 3 | 16° 27' 7.759" N | 120° 35' 29.195" E |
| 11 | Deep Well Pump Station_LTWD 4 | 16° 27' 14.355" N | 120° 34' 8.852" E |
| 12 | Deep Well Pump Station_LTWD 5 | 16° 27' 18.896" N | 120° 34' 47.046" E |
| 13 | Deep Well Pump Station_LTWD 6 | 16° 27' 2.735" N | 120° 34' 7.819" E |
| 14 | Deep Well Pump Station_ LTWD 7 | 16° 27' 17.978" N | 120° 35' 28.909" E |
| 15 | Deep Well Pump Station_NIA 1 | 16° 27' 35.911" N | 120° 34' 56.036" E |
| 16 | Deep Well Pump Station_NIA 2 | 16° 27' 38.167" N | 120° 35' 5.545" E |
| 17 | Deep Well Pump Station_ NIA 3 | 16° 27' 33.609" N | 120° 34' 51.009" E |
| 18 | Waste Water Filtration Station_ BSU | 16° 27' 23.118" N | 120° 35' 0.642" E |
| 19 | Water Storage Tank _ BSU | 16° 27' 29.576" N | 120° 35' 30.011" E |
| 20 | Deep Well for BAPTC_ BSU 7 | 16° 27' 24.260" N | 120° 34' 46.879" E |
| 21 | Deep Well Pump Station_ BFAR | 16° 27' 20.449" N | 120° 35' 34.442" E |

Figure 72. Existing Water Source and Distribution – Lot 1-A-1-A La Trinidad Campus (Main)




| IDNo | Name | Lat_PRS92 | Long_PRS92 |
|---|---|---|---|
| 1 | Deep Well Pump Station _BSU 1 | 16° 27' 24.999" N | 120° 35' 31.286" E |
| 2 | Deep Well Pump Station _BSU 2 | 16° 27' 22.444" N | 120° 35' 27.462" E |
| 3 | Deep Well Pump Station _BSU 3 | 16° 27' 12.514" N | 120° 35' 38.061" E |
| 4 | Deep Well Pump Station _BSU 4 | 16° 27' 7.055" N | 120° 35' 37.253" E |
| 5 | Deep Well Pump Station_BSU 5 | 16° 27' 30.057" N | 120° 35' 26.261" E |
| 6 | IHFSA Spring Pump Station_BSU 6 | 16° 26' 50.485" N | 120° 33' 54.661" E |
| 8 | Deep Well Pump Station_LTWD 1 | 16° 27' 44.433" N | 120° 35' 13.334" E |
| 9 | Deep Well Pump Station_LTWD 2 | 16° 27' 26.084" N | 120° 35' 32.384" E |
| 10 | Deep Well Pump Station_LTWD 3 | 16° 27' 7.759" N | 120° 35' 28.195" E |
| 11 | Deep Well Pump Station_LTWD 4 | 16° 27' 14.355" N | 120° 34' 8.652" E |
| 12 | Deep Well Pump Station_LTWD 5 | 16° 27' 18.890" N | 120° 34' 47.046" E |
| 13 | Deep Well Pump Station_LTWD 6 | 16° 27' 2.735" N | 120° 34' 7.819" E |
| 14 | Deep Well Pump Station_ LTWD 7 | 16° 27' 17.978" N | 120° 35' 28.909" E |
| 15 | Deep Well Pump Station_NIA 1 | 16° 27' 35.911" N | 120° 34' 56.036" E |
| 16 | Deep Well Pump Station_NIA 2 | 16° 27' 38.167" N | 120° 35' 5.545" E |
| 17 | Deep Well Pump Station_NIA 3 | 16° 27' 33.609" N | 120° 34' 51.009" E |
| 18 | Waste Water Filtration Station_ BSU | 16° 27' 23.118" N | 120° 35' 0.642" E |
| 19 | Water Storage Tank_ BSU | 16° 27' 29.576" N | 120° 35' 30.011" E |
| 20 | Deep Well for BAPTC_ BSU 7 | 16° 27' 24.260" N | 120° 34' 46.879" E |
| 21 | Deep Well Pump Station_ BFAR | 16° 27' 20.449" N | 120° 35' 34.442" E |

Figure 73. Existing Water Source and Distribution – Lot 8 La Trinidad Campus (Main)

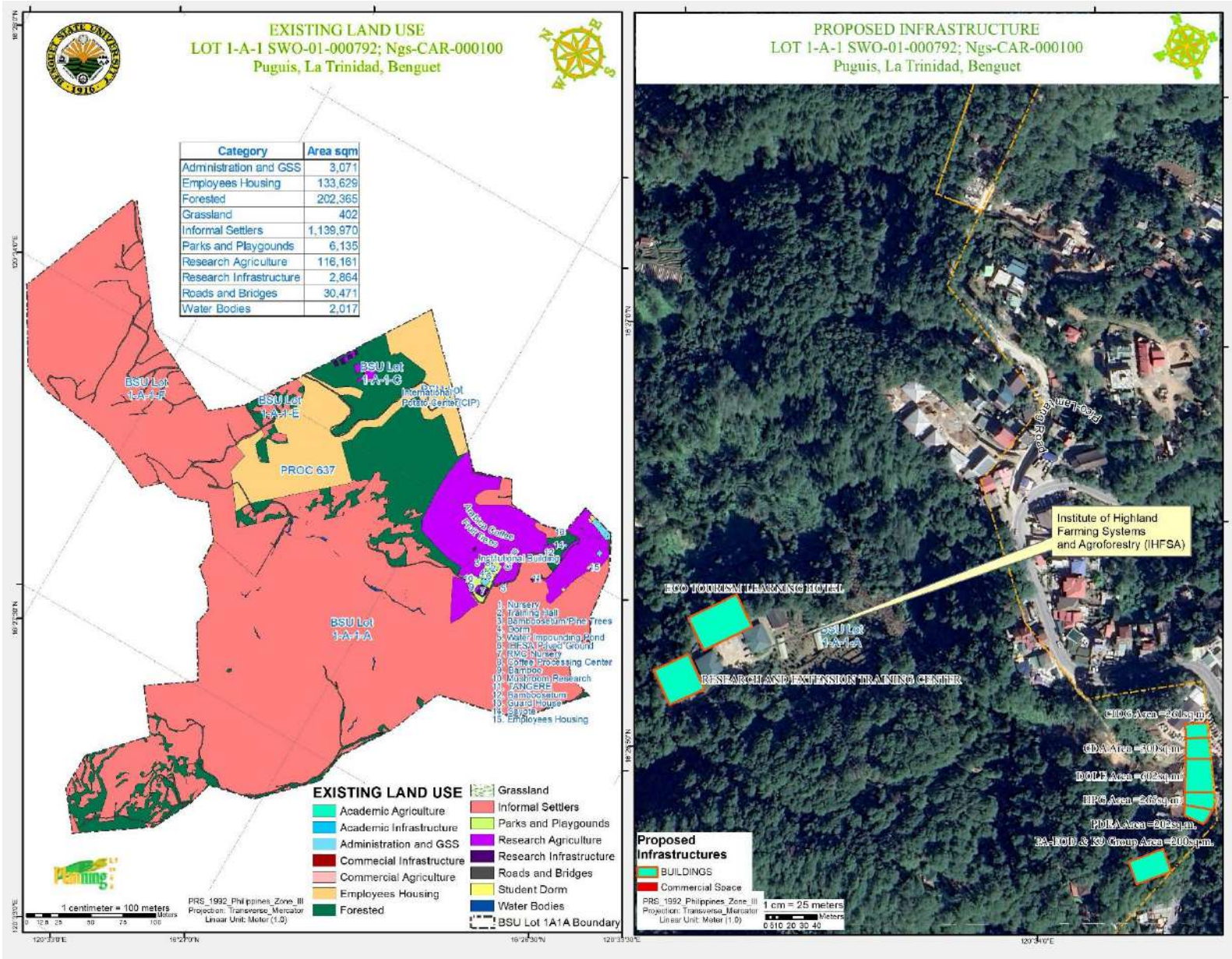



Figure 74. Existing Land Use and Proposed Infrastructure – Lot 1-A-1

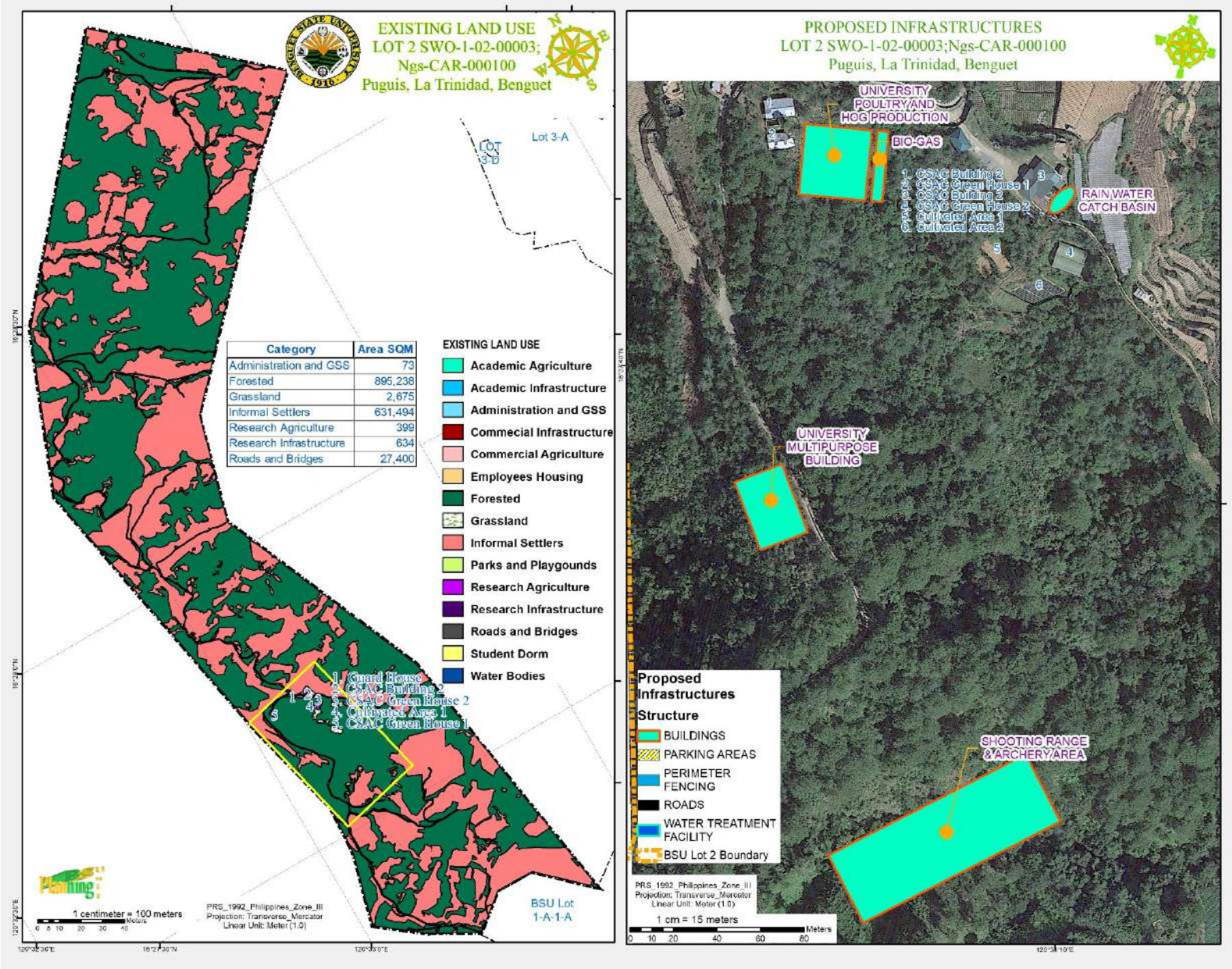



Figure 75. Existing Land Use and Proposed Infrastructure – Lot 2

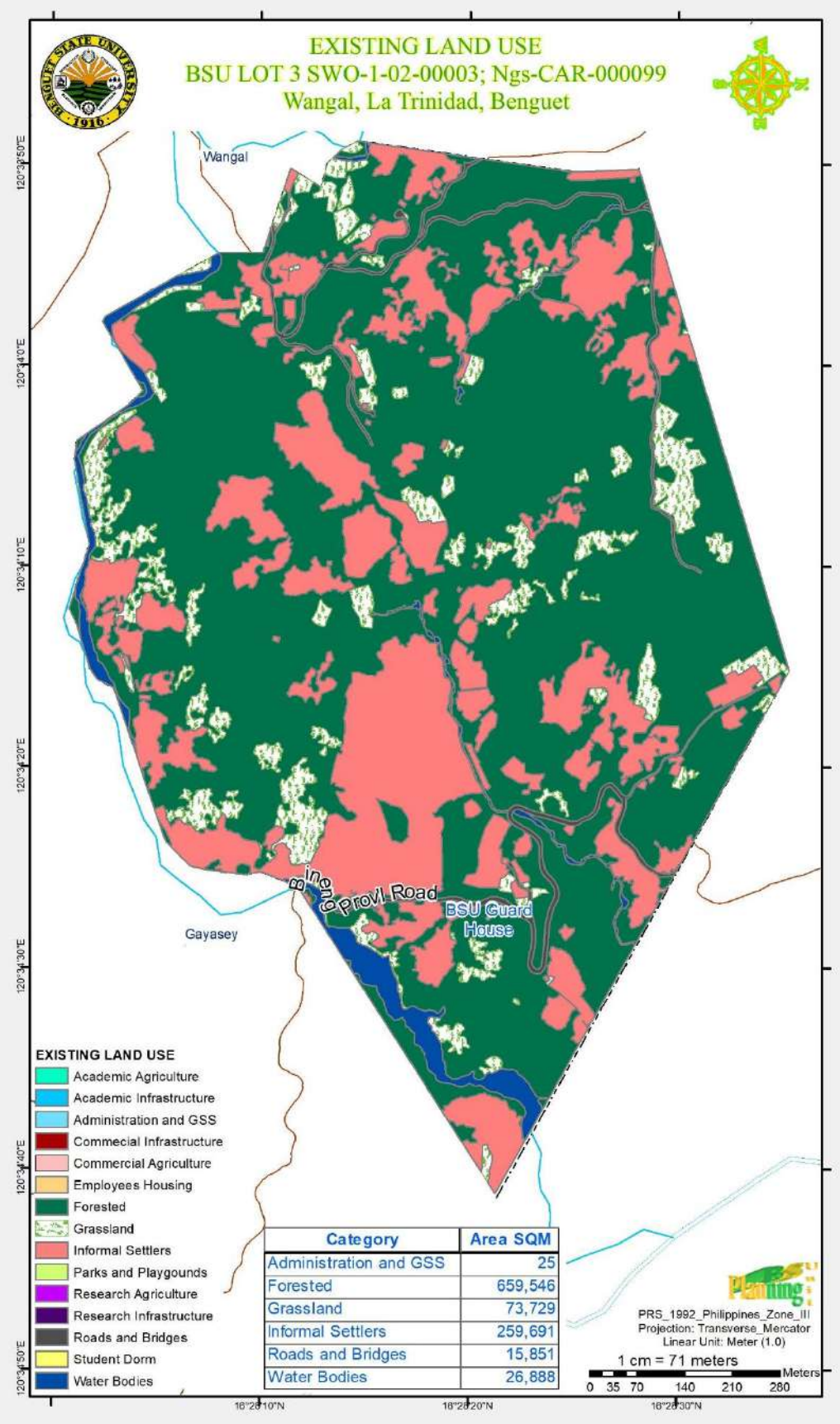



Figure 76. Existing Land Use – Lot 3 SWO-1-02-00003; Ngs-CAR-000099

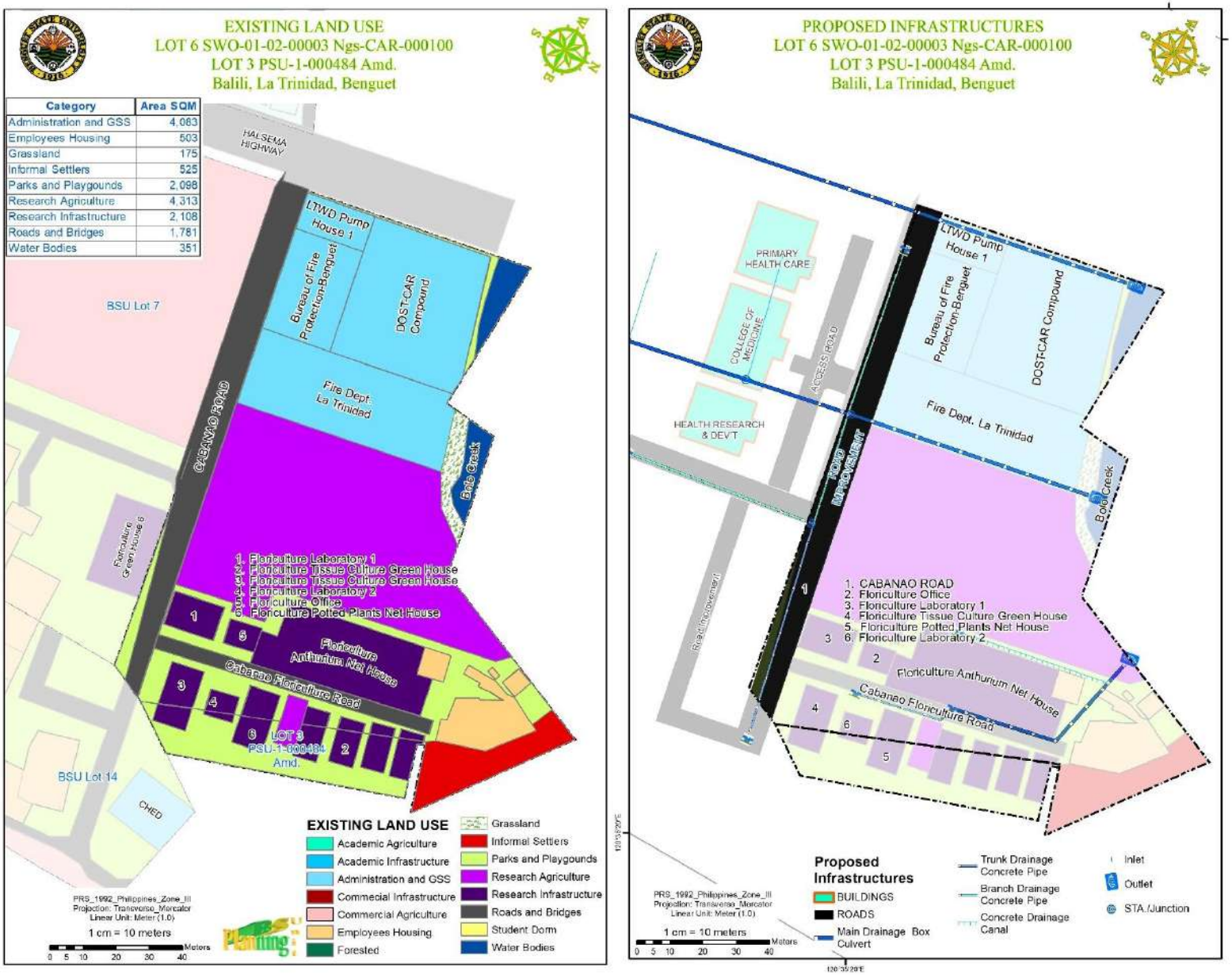



Figure 77. Existing Land Use and Proposed Infrastructures – Lot 6

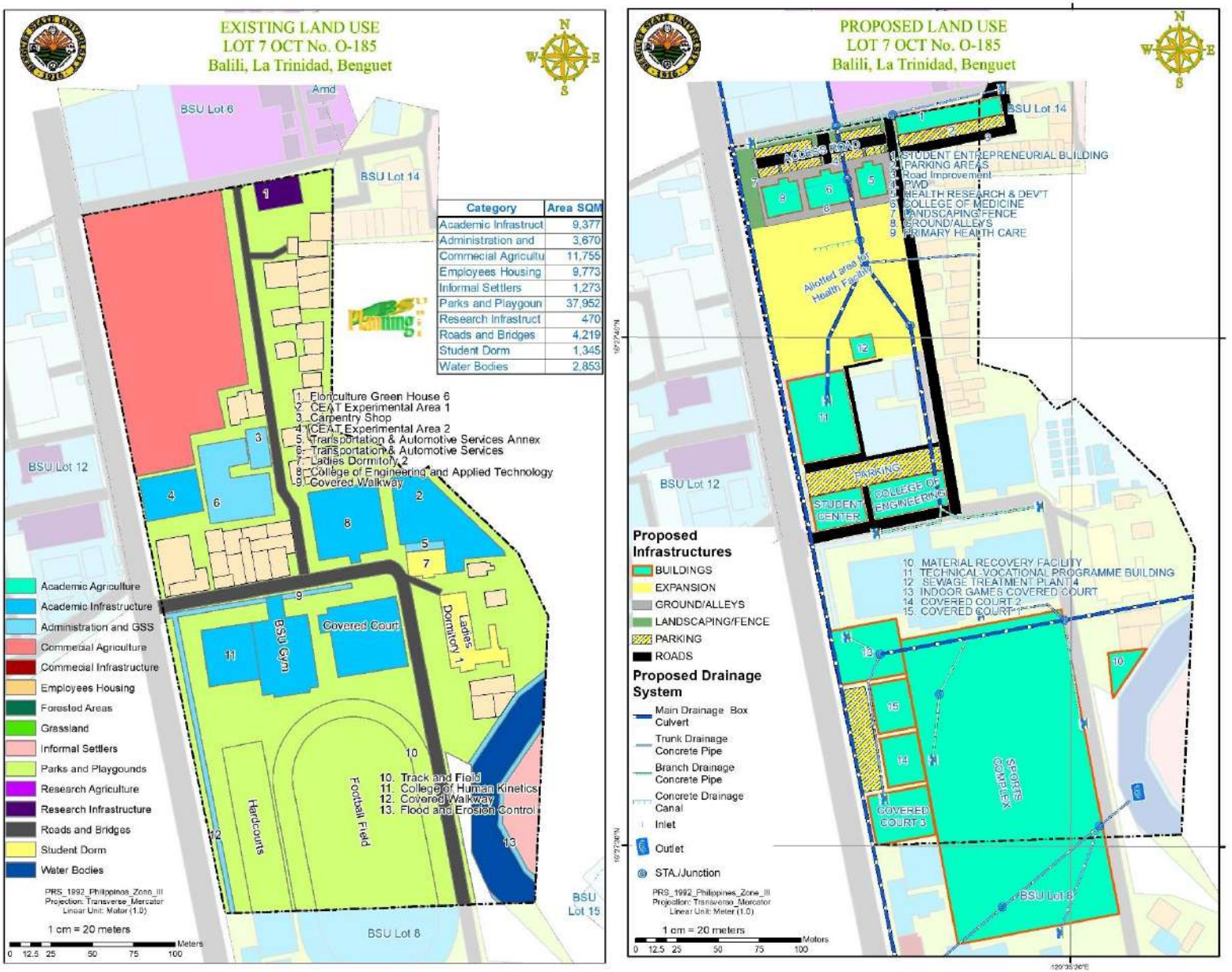



Figure 78. Existing Land Use and Proposed Infrastructures – Lot 7

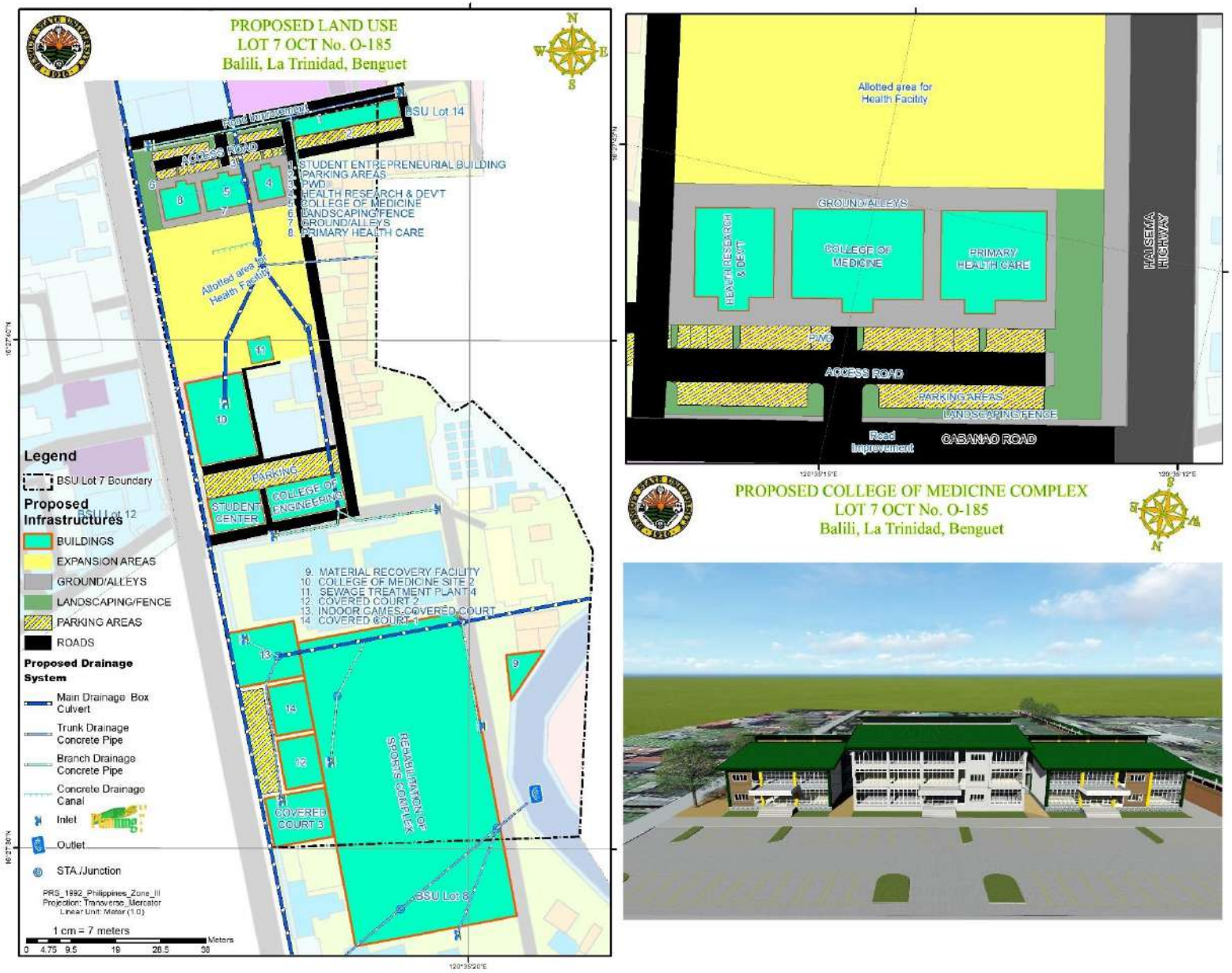



Figure 79. Proposed Infrastructure – Lot 7

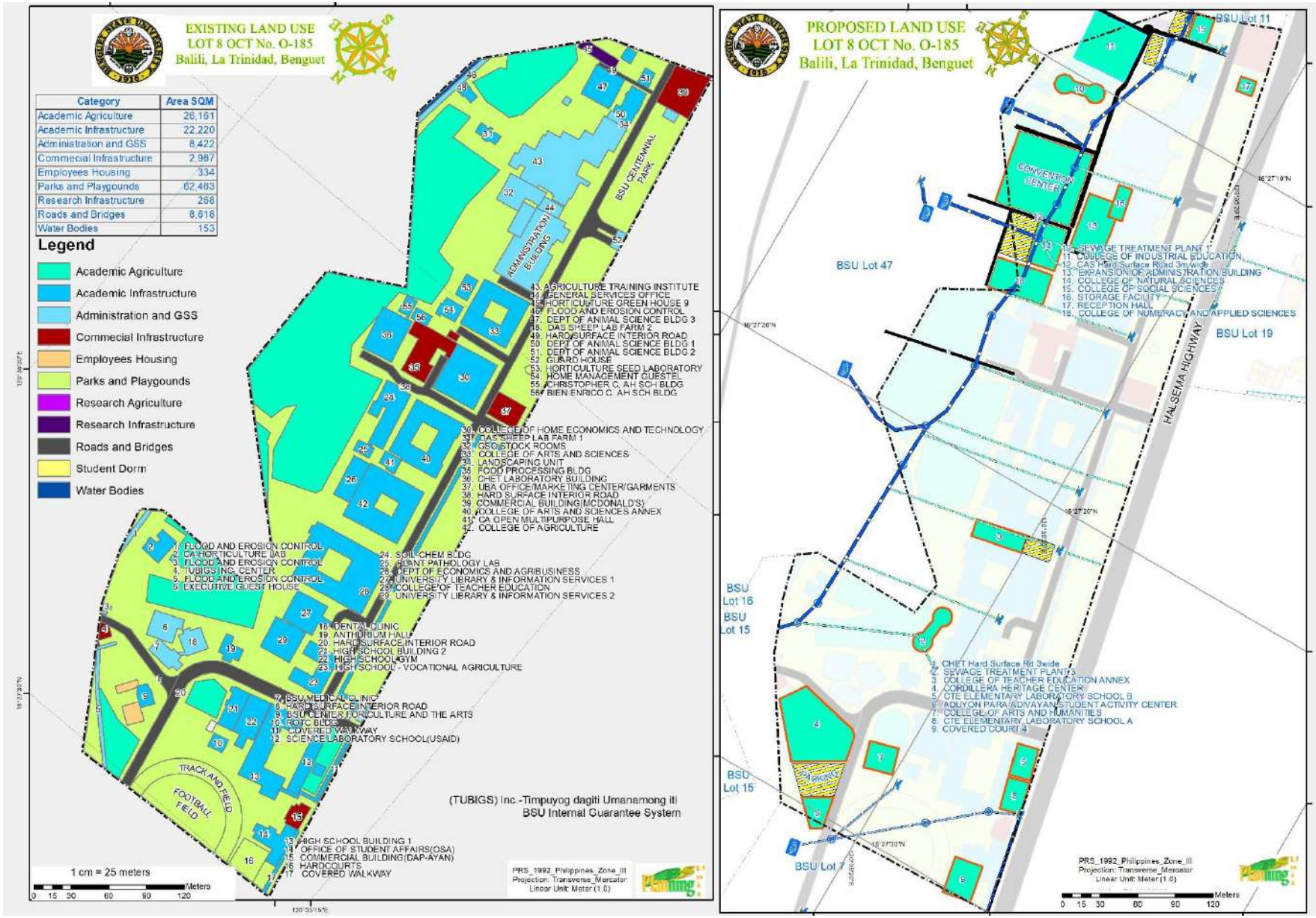



Figure 80. Existing Land Use and Proposed Infrastructures – Lot 8

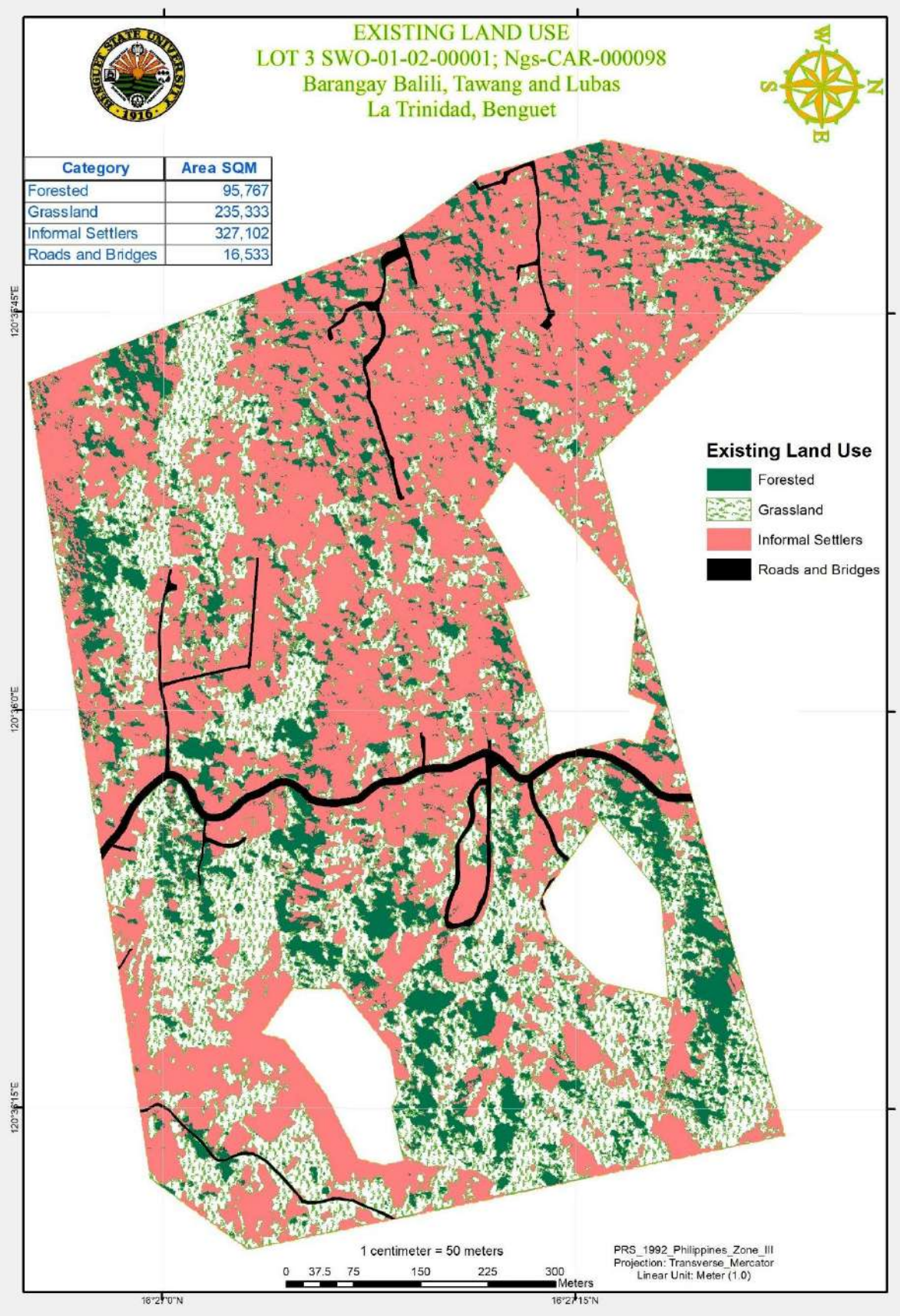



Figure 81. Existing Land Use – Lot 3 SWO-01-02-00001; Ngs-CAR-000098

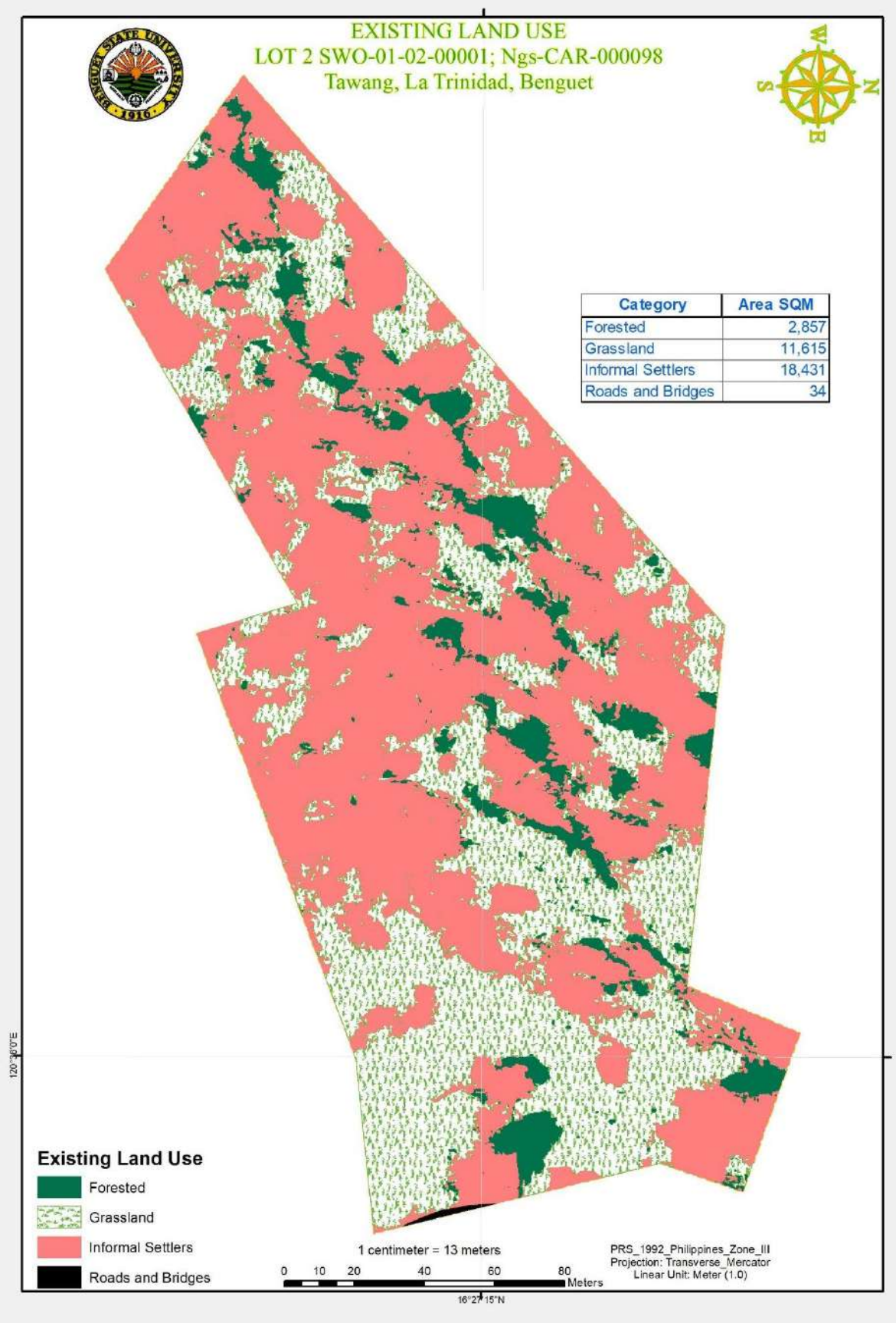



Figure 82. Existing Land Use – Lot 2 SWO-01-02-00001; Ngs-CAR-000098

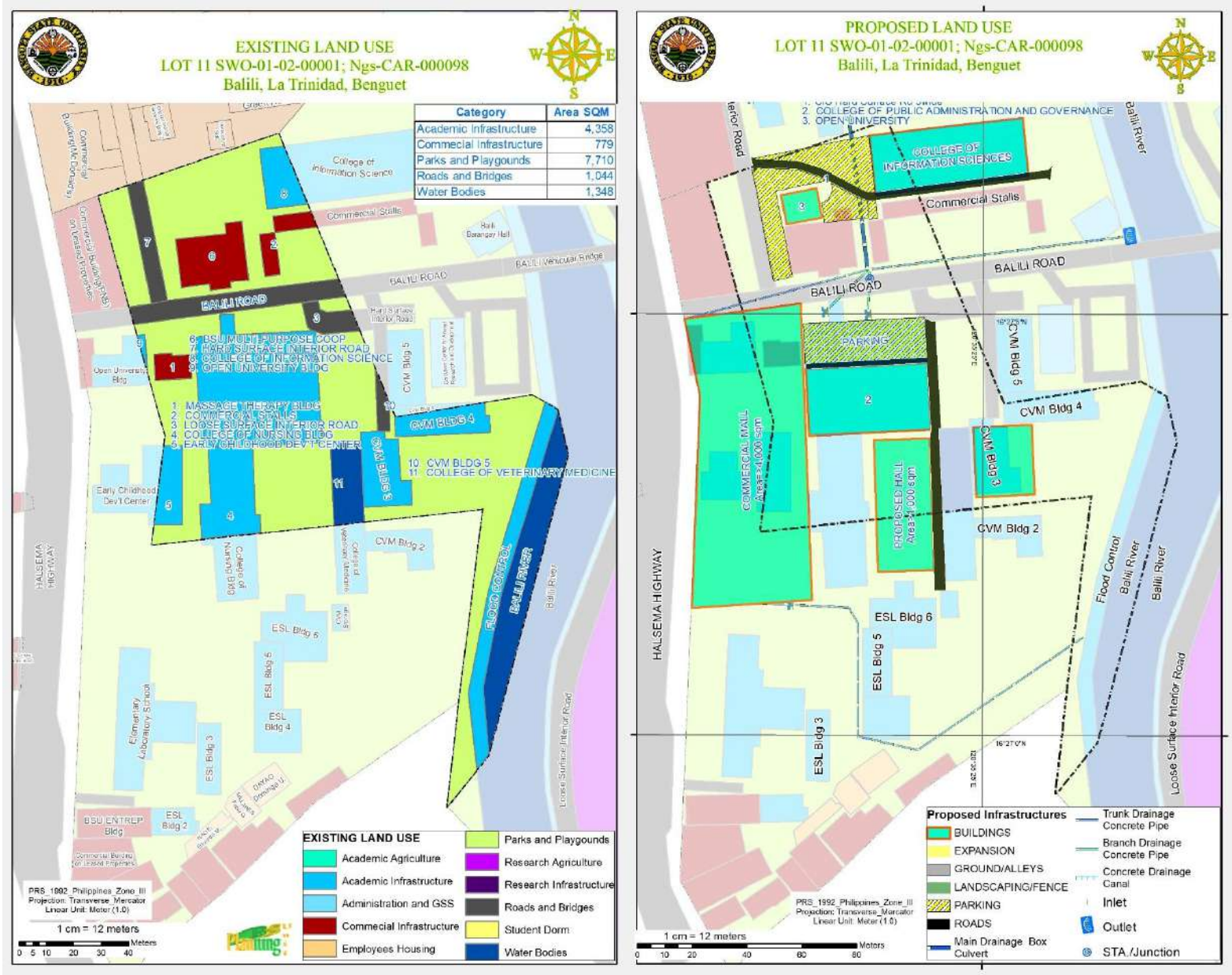



Figure 83. Existing Land Use and Proposed Infrastructures – Lot 11

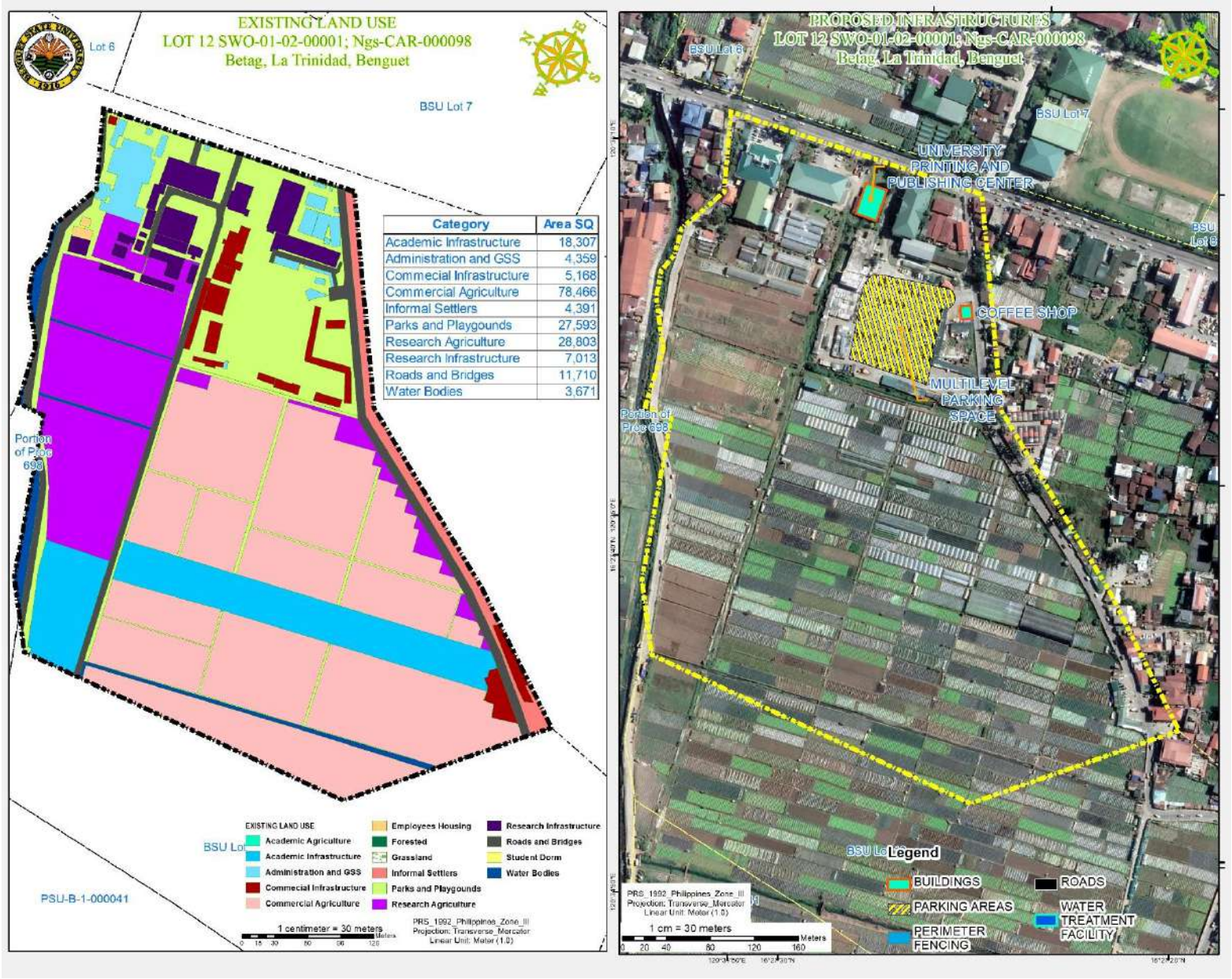



Figure 84. Existing Land Use and Proposed Infrastructures – Lot 12

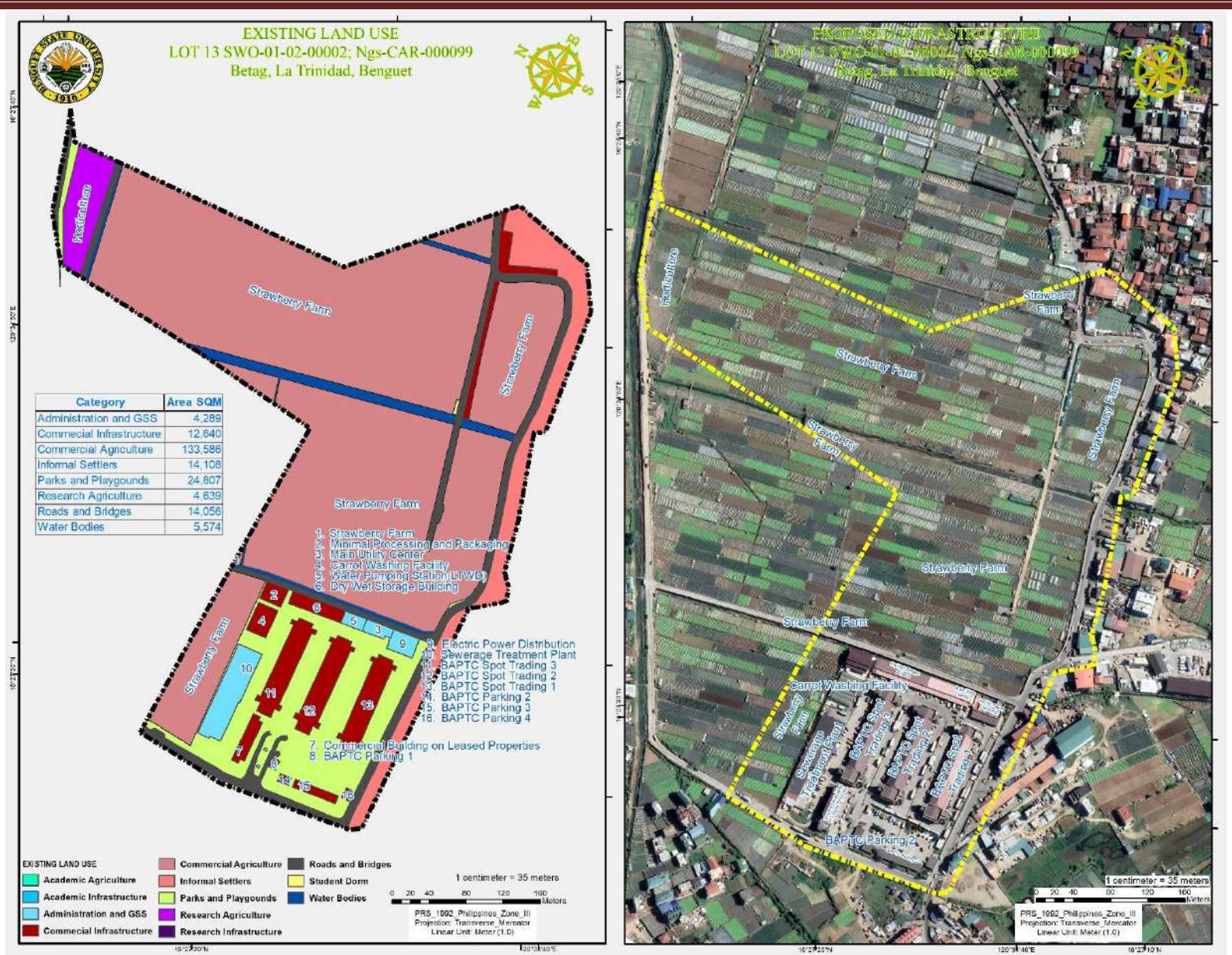



Figure 85. Existing Land Use and Proposed Infrastructures – Lot 13

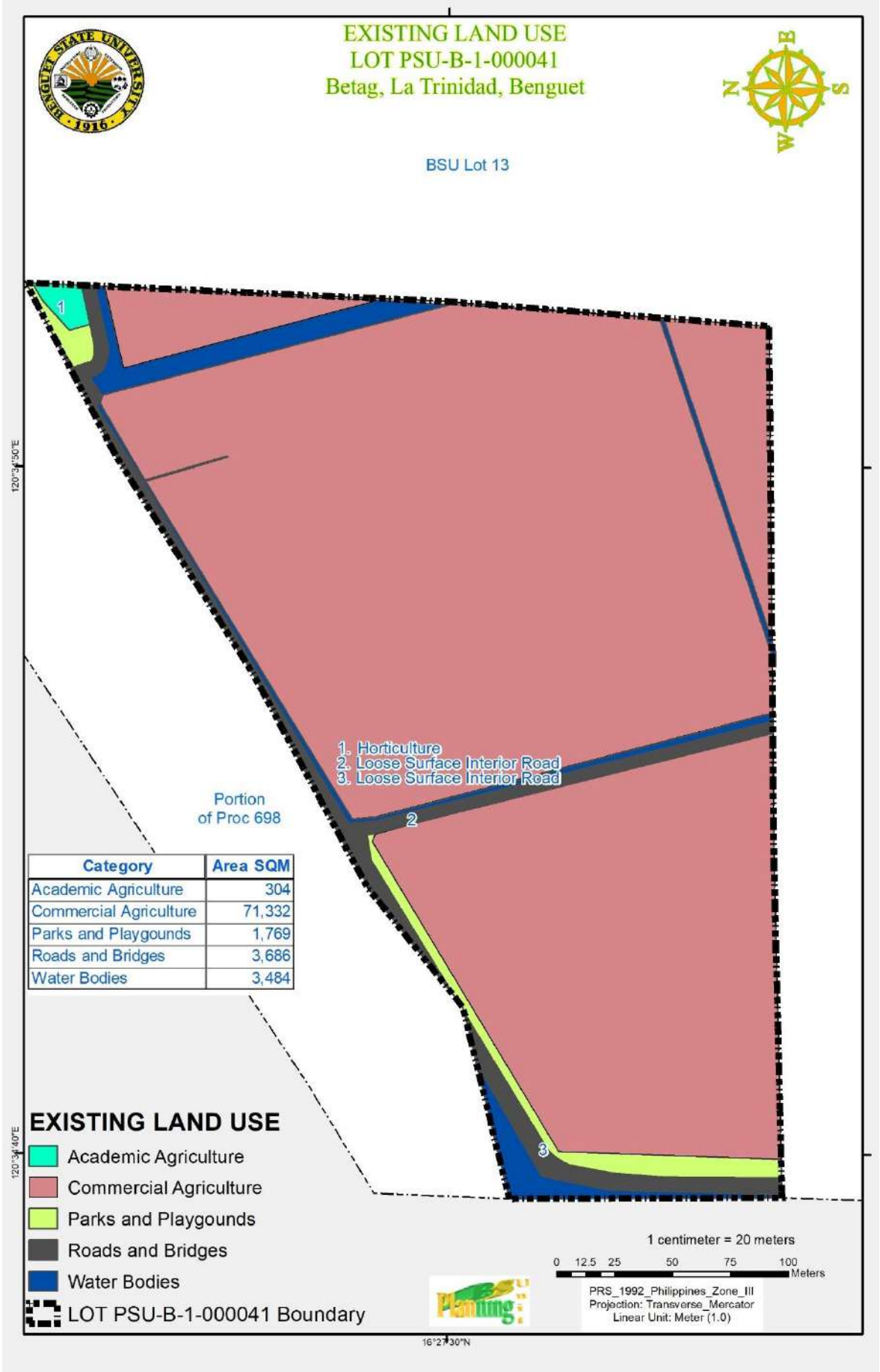



Figure 86. Existing Land Use Infrastructures – Lot PSI-B-000041

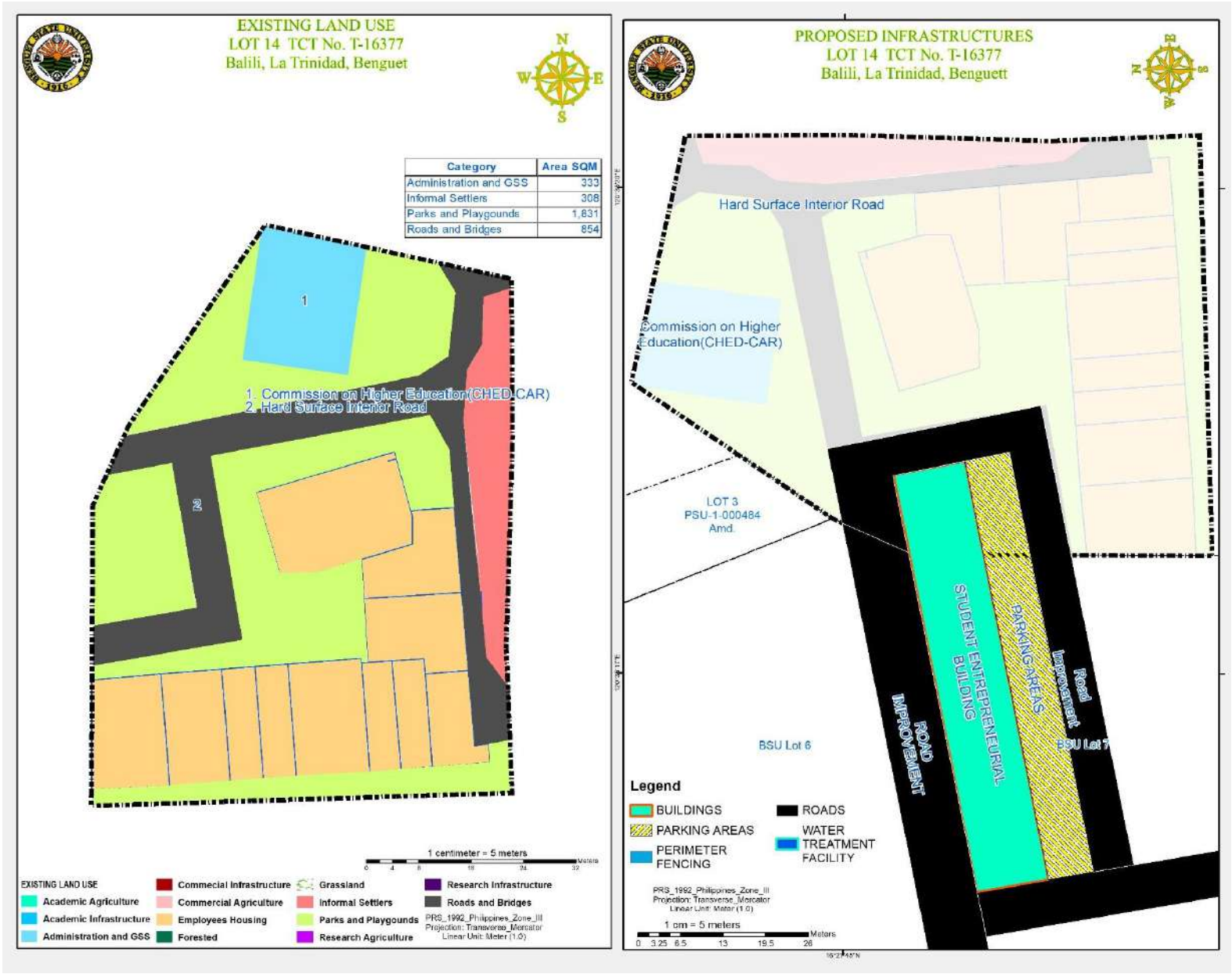



Figure 87. Existing Land Use and Proposed Infrastructures – Lot 14

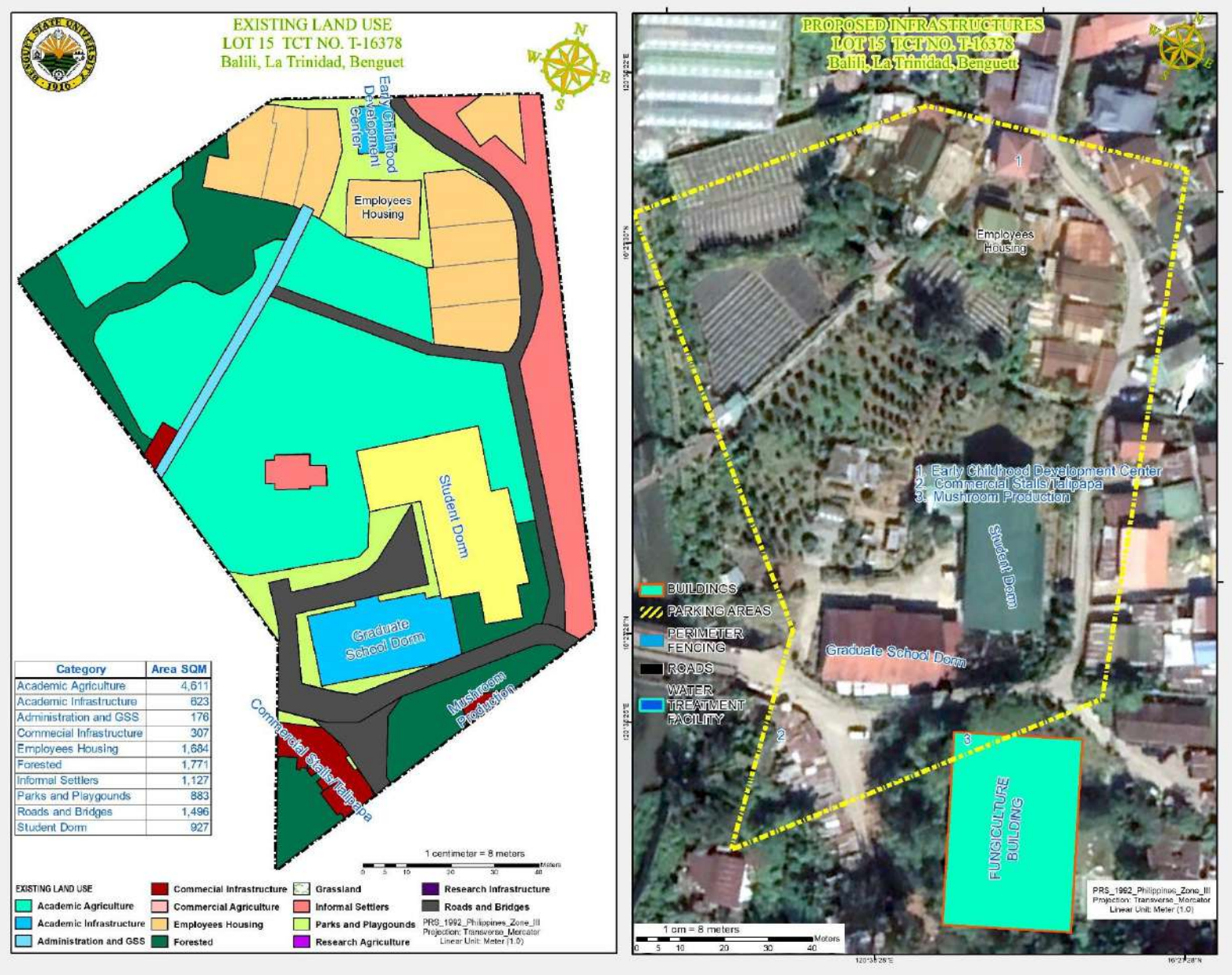



Figure 88. Existing Land Use and Proposed Infrastructures – Lot 15

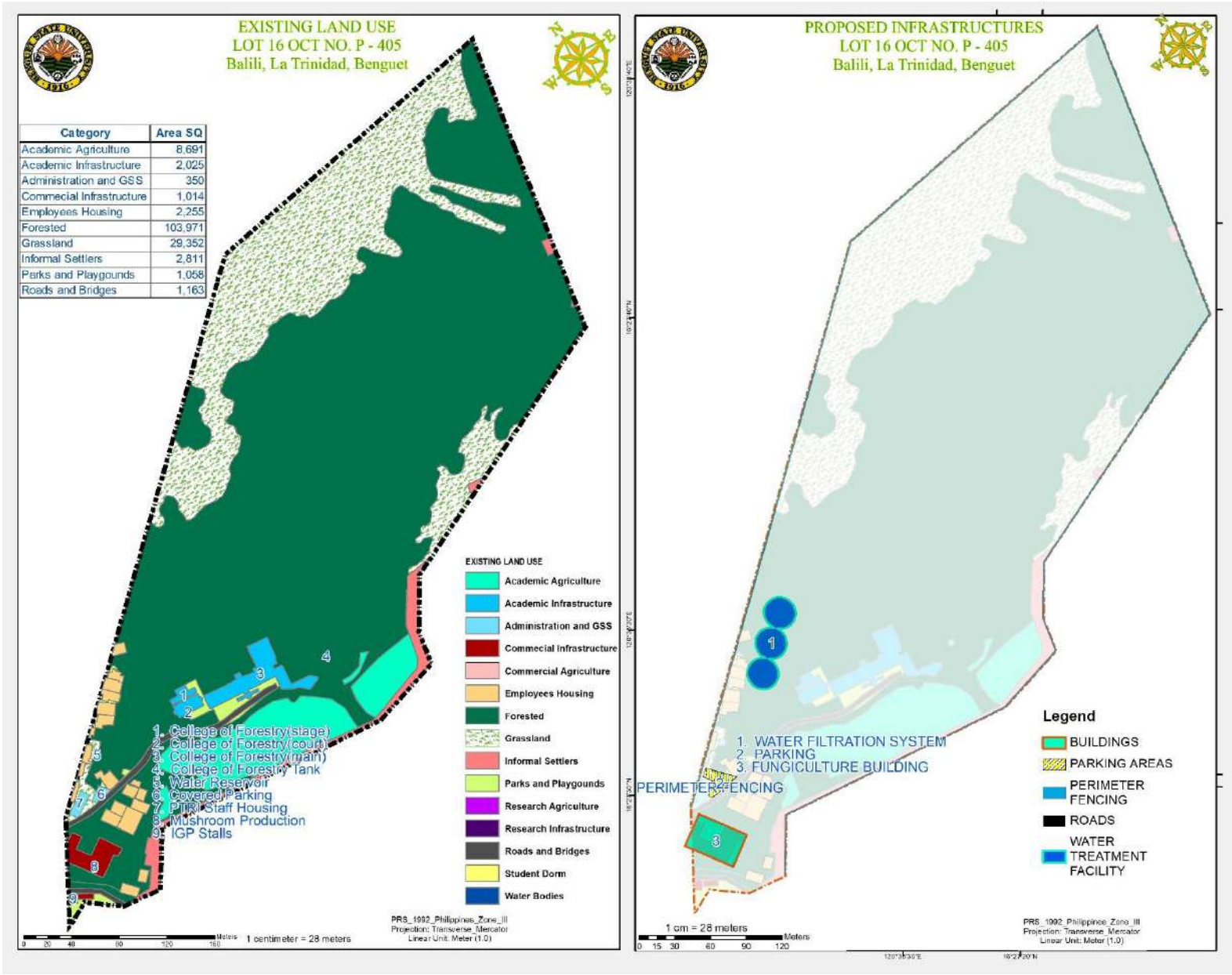



Figure 89. Existing Land Use and Proposed Infrastructures – Lot 16

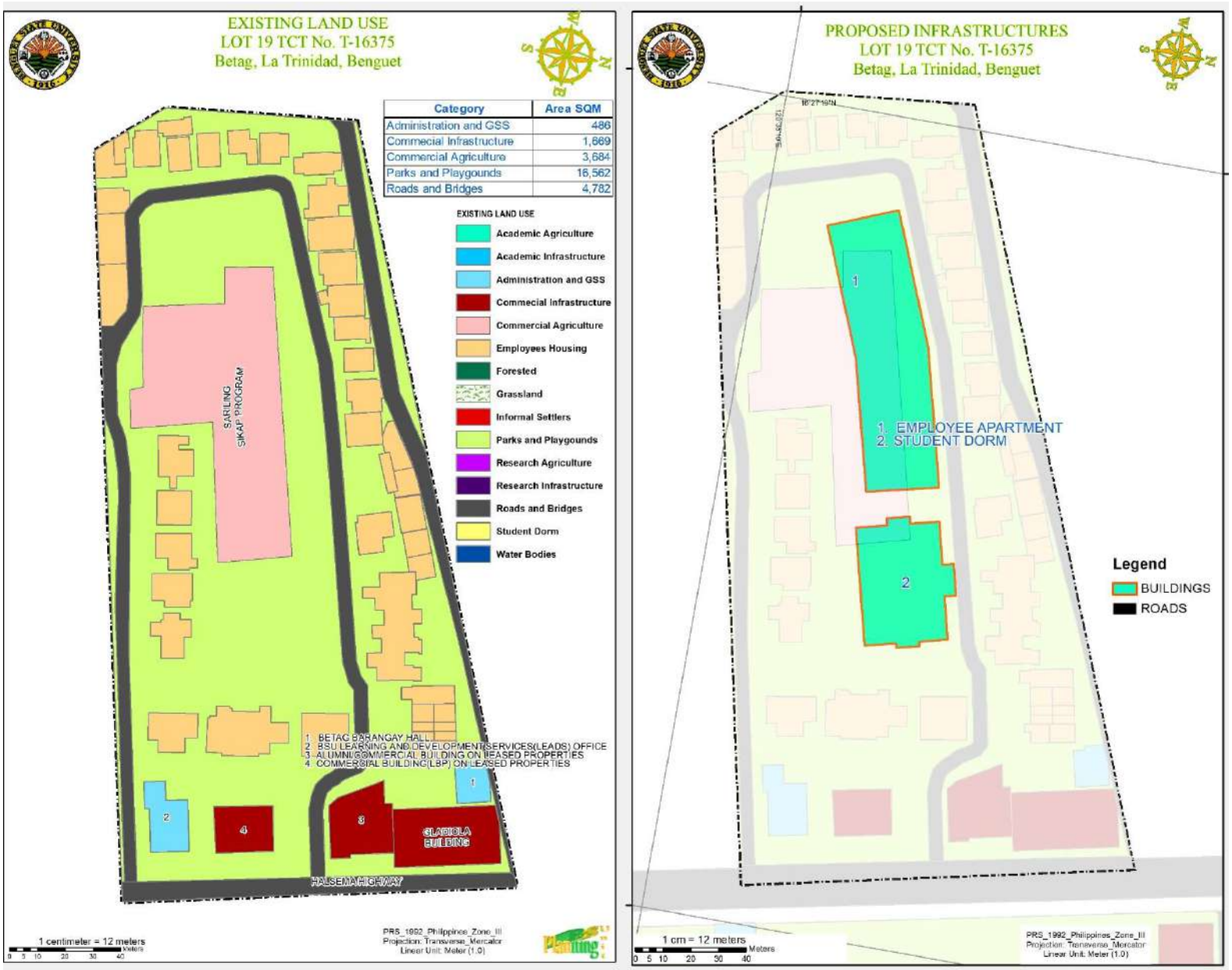



Figure 90. Existing Land Use and Proposed Infrastructures – Lot 19

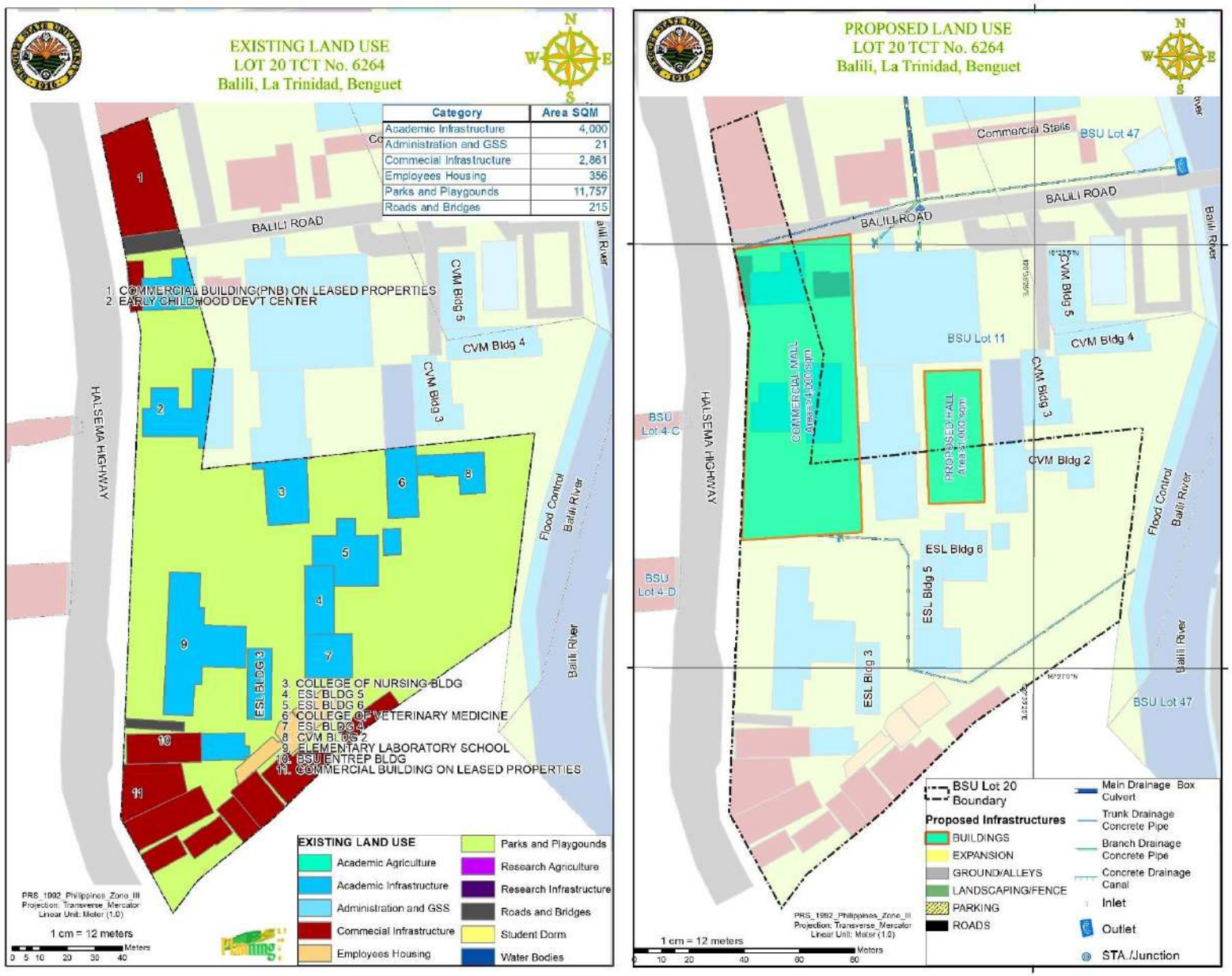



Figure 91. Existing Land Use and Proposed Infrastructures – Lot 20

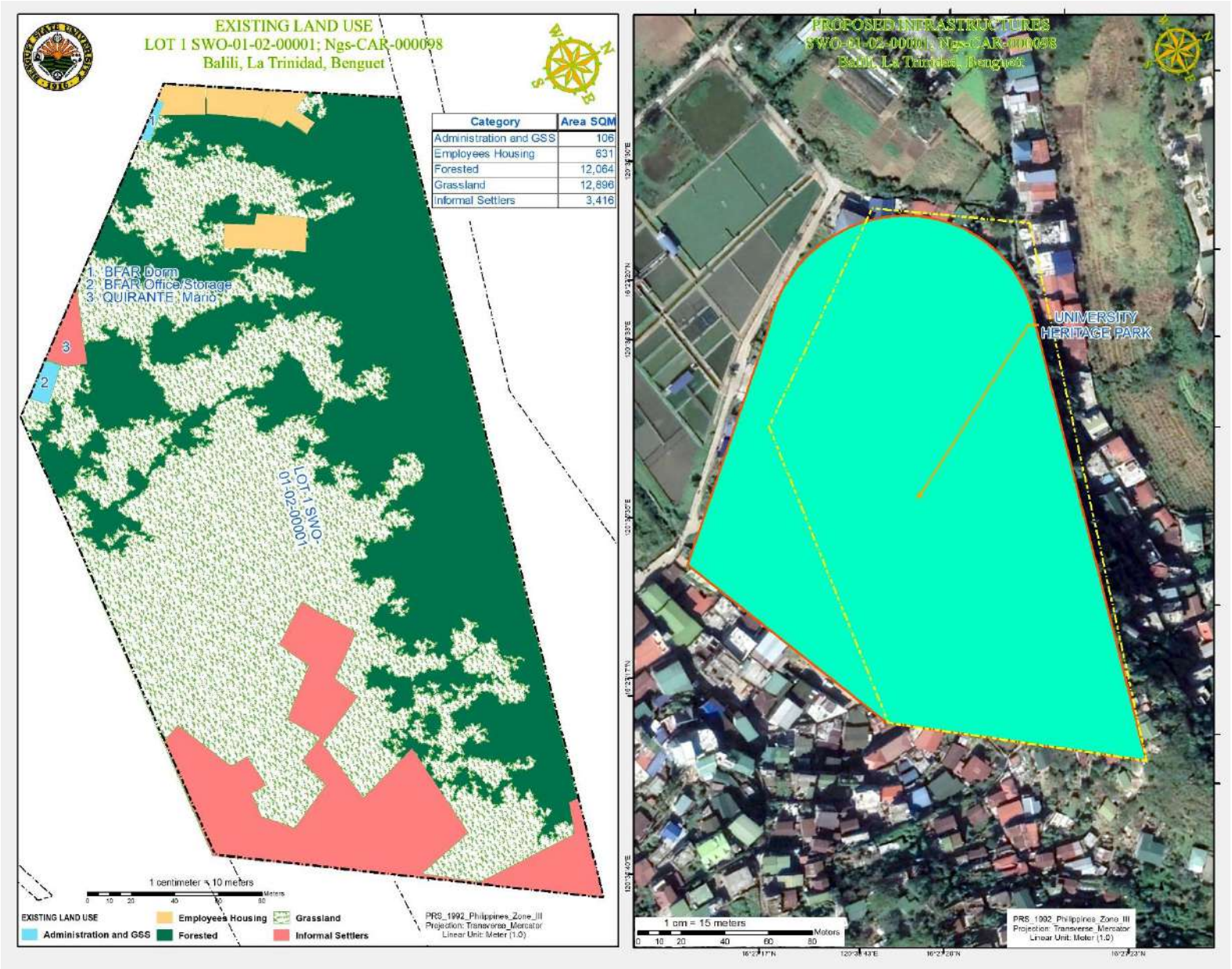
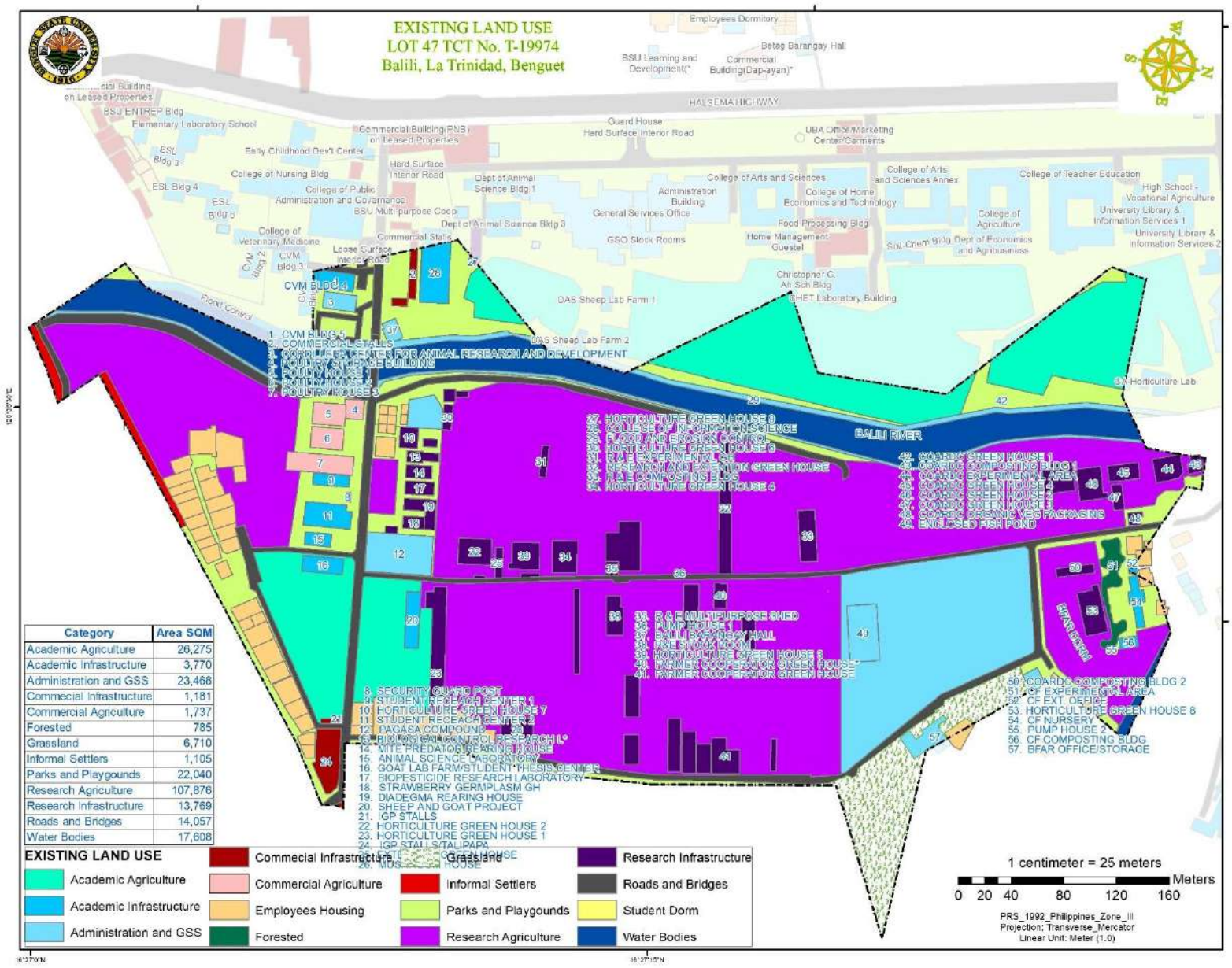



Figure 92. Existing Land Use and Proposed Infrastructures – Lot 1 SWO-01-02-00001




| Category | Area SQM |
|---|---|
| Academic Agriculture | 26,275 |
| Academic Infrastructure | 3,770 |
| Administration and GSS | 23,468 |
| Commecial Infrastructure | 1,181 |
| Commercial Agriculture | 1,737 |
| Forested | 785 |
| Grassland | 6,710 |
| Informal Settlers | 1,105 |
| Parks and Playgounds | 22,040 |
| Research Agriculture | 107,876 |
| Research Infrastructure | 13,769 |
| Roads and Bridges | 14,057 |
| Water Bodies | 17,608 |

Figure 93. Existing Land Use– Lot 47

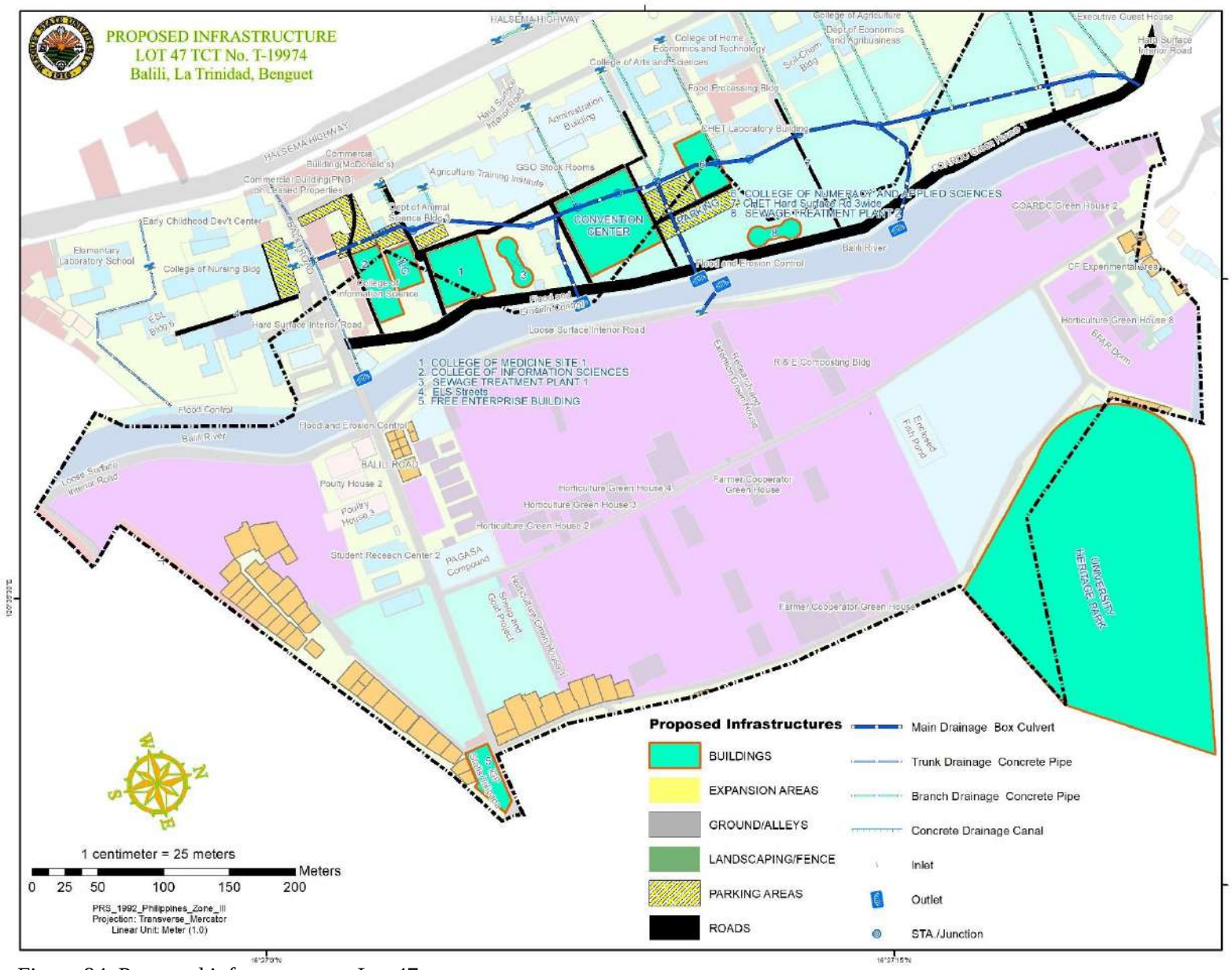



Figure 94. Proposed infrastructure – Lot 47

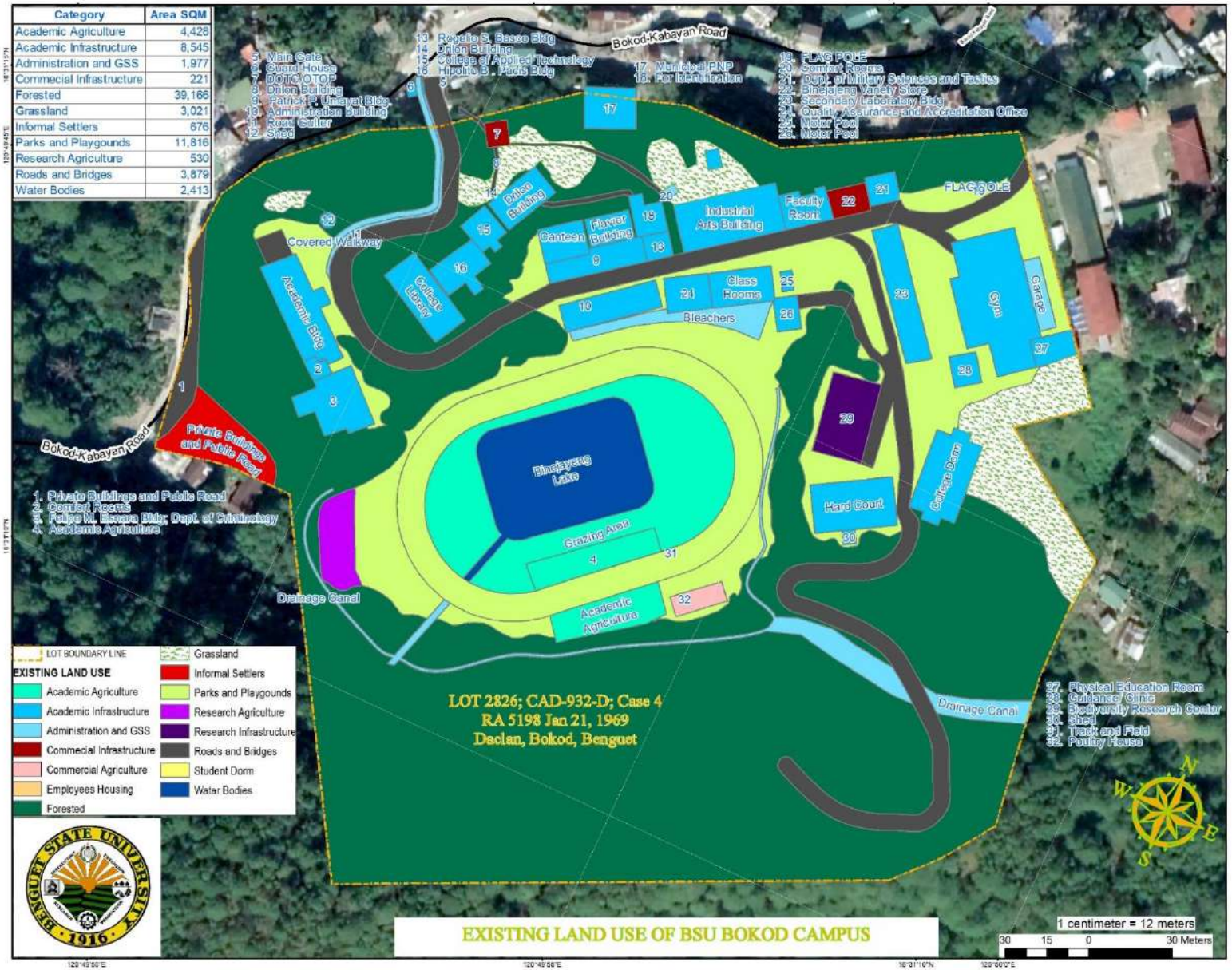



Figure 95. Existing Land Use – Bokod Campus

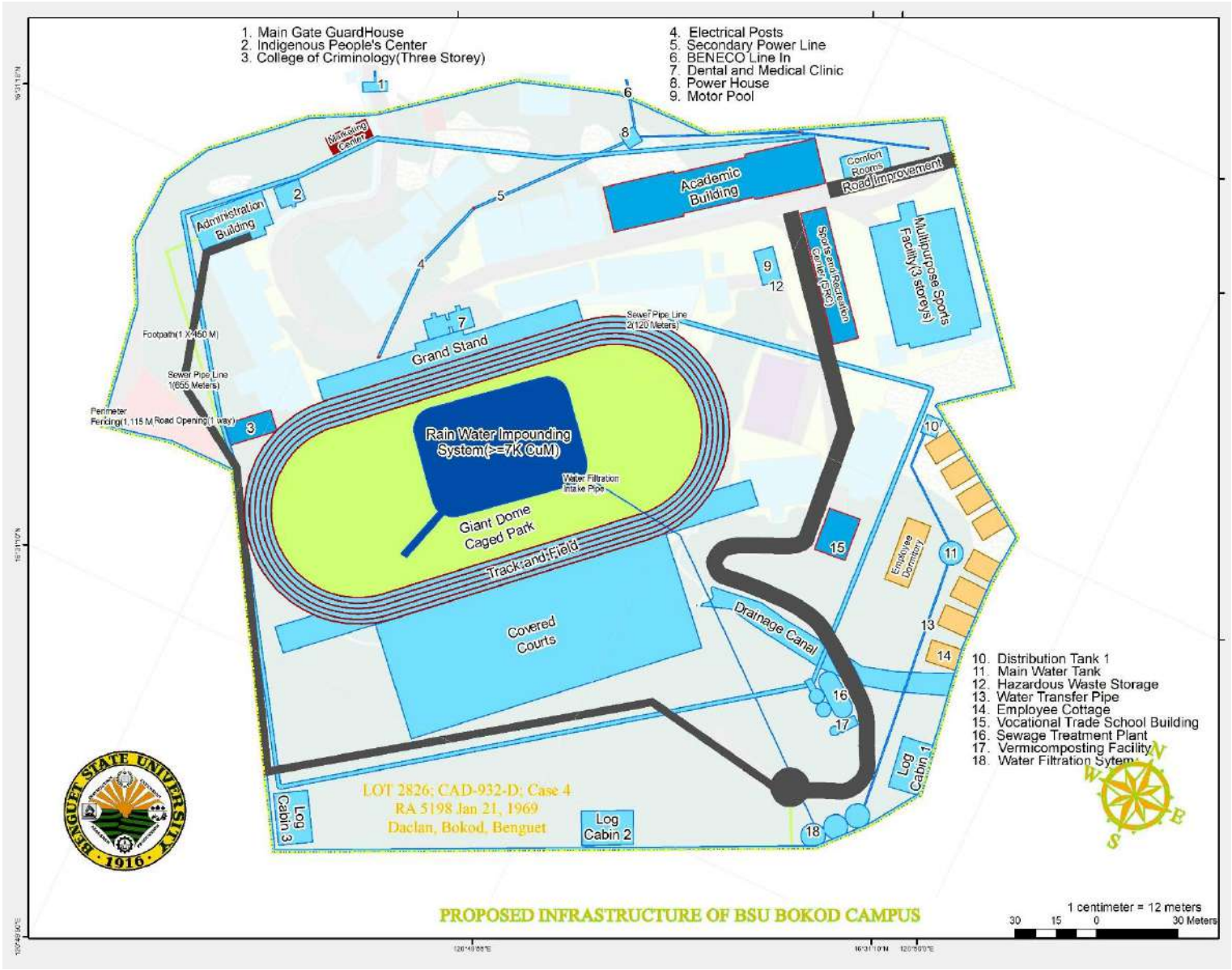



Figure 96. Proposed infrastructure – Bokod Campus




Figure 97. Proposed Infrastructure – Bokod Campus (Academic Building)

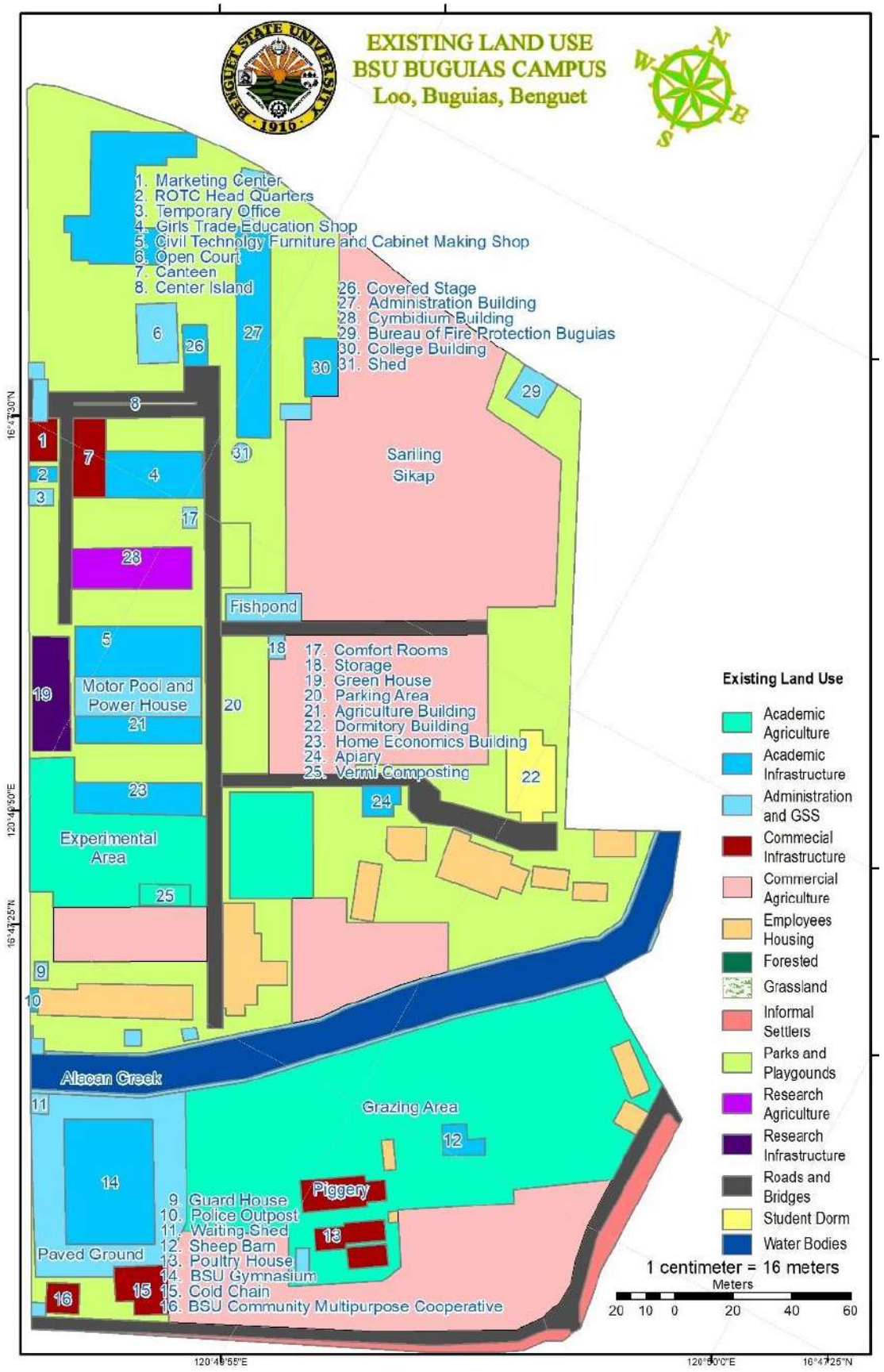



Figure 98. Existing Land Use– Buguias Campus

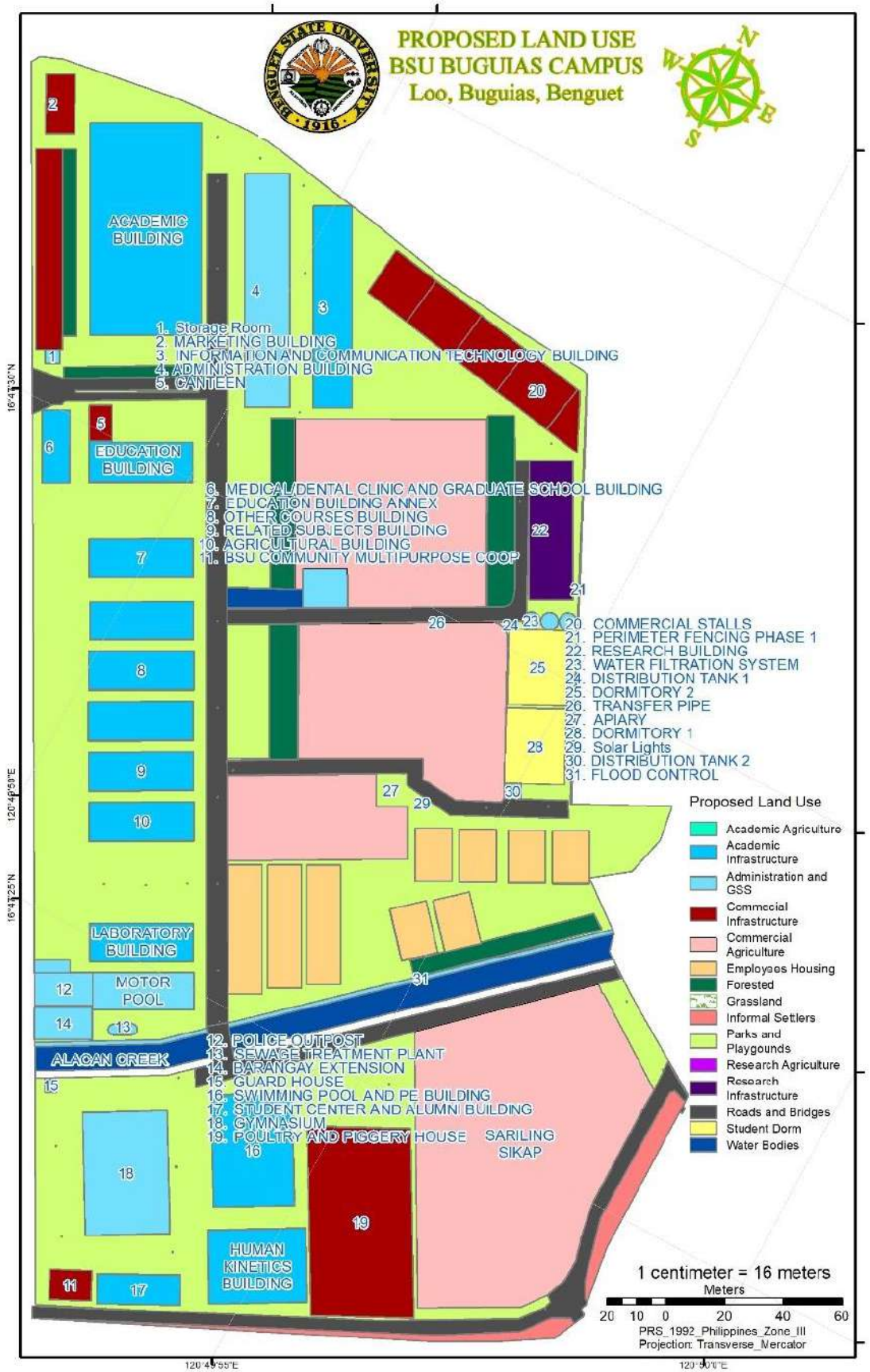



Figure 99. Proposed Land Use– Buguias Campus

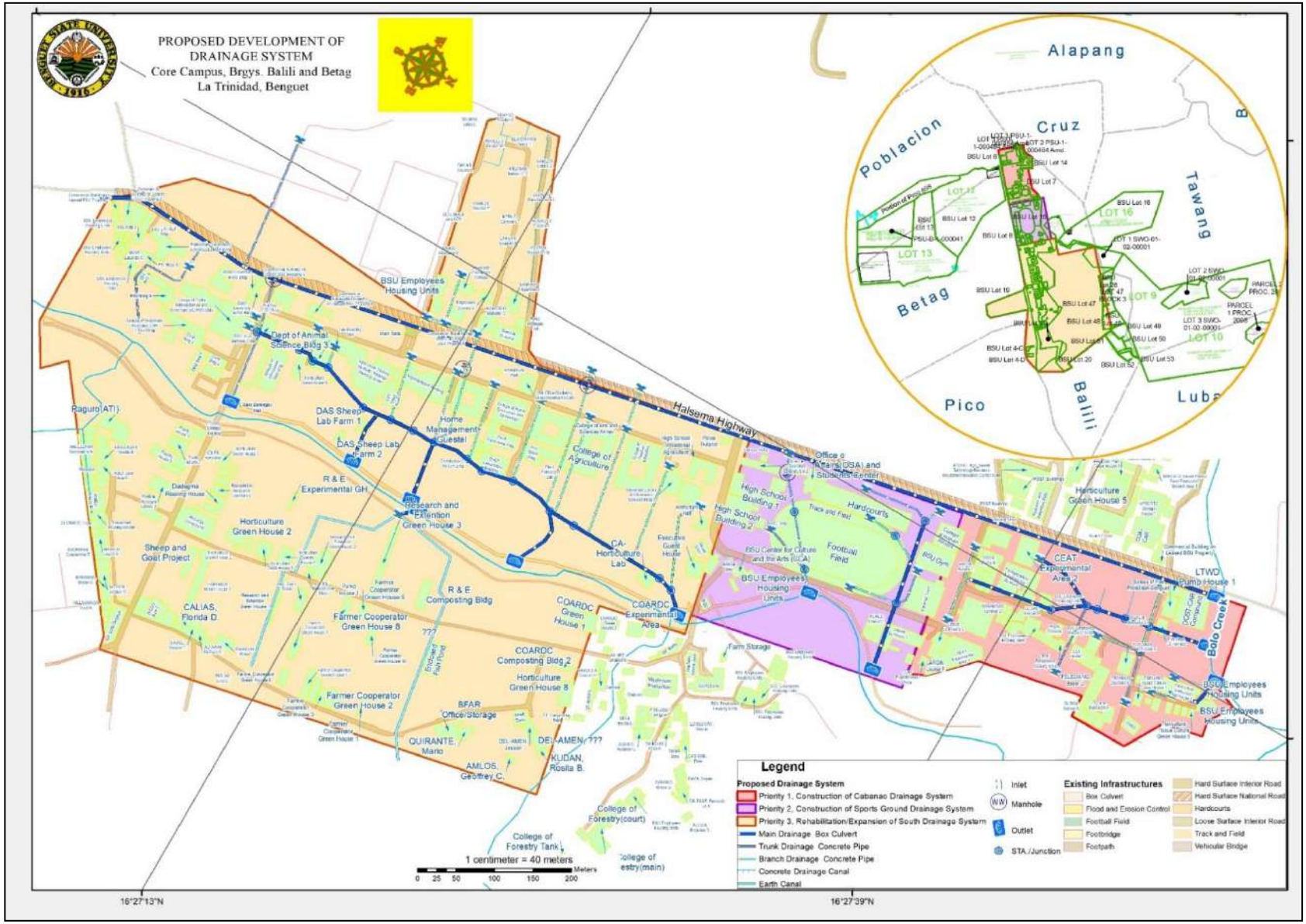



Figure 100. Proposed Development of Drainage System – La Trinidad Campus (Main)

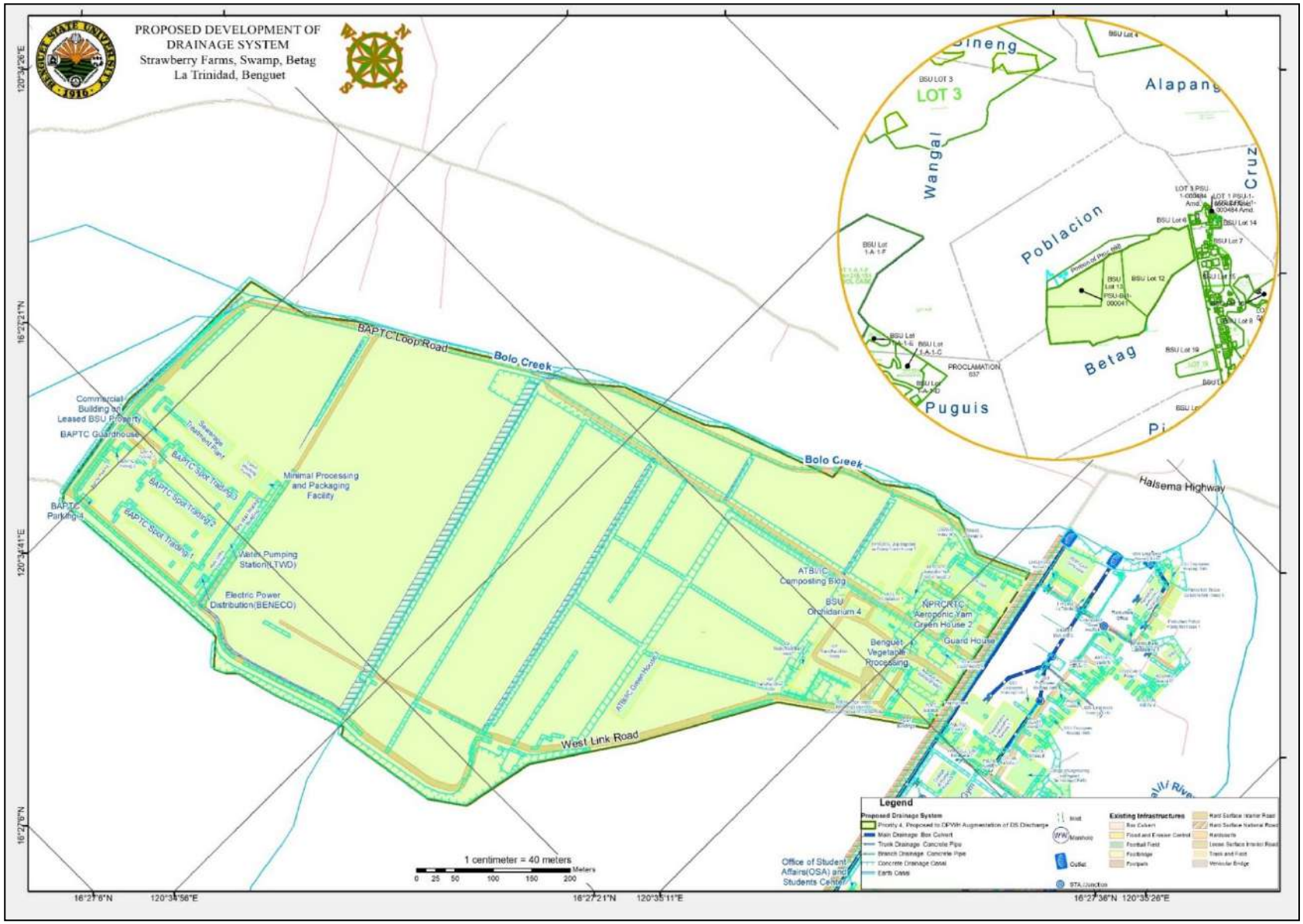



Figure 101. Proposed Development of Drainage System – Strawberry Farm

# E. INVESTMENT PLAN

Table 54. Investment Plan

| PIPOL CODE | PROJECT TITLE | PROJECT DESCRIPTION | PROPOSED AMOUNT | START | END | UPDATE |
|---|---|---|---|---|---|---|
| **2023-08017-001502** | Construction of the College of Medicine Building | The project involves the construction of a building that will house modern medical facilities, lecture rooms and laboratory rooms for medical and allied sciences courses. | ₱ 75,000,000.00 | 2024 | 2024 | Funded |
| | Construction of Gender and Development Center | In preparation to become the Zonal GAD Resource Center (GRCs) in CAR as recommended by CHED-CAR | ₱ 20,000,000.00 | 2025 | 2025 | Proposed |
| **2023-08017-001502** | Construction of the College of Medicine Complex | The project involves the construction of several buildings that will be utilized by College of Medicine for its research program and primary health care unit. This involves the development of more or less 20,0000 square meter University lot in La Trinidad | ₱ 235,000,000.00 | 2025 | 2028 | Proposed |
| **2020-08017-000009** | Expansion of BSU Administration Building - La Trinidad Campus | The project is mainly consisting of the construction of a building linking the existing old administration building. The architectural design of the old administration building is adopted and will house the expansion of certain offices that needs larger space requirement in order to serve the university clients effectively and efficiently. | ₱ 35,000,000.00 | 2025 | 2025 | Proposed |
| **2022-08017-000024** | Construction and Improvement of Campus Road Loop - La Trinidad Campus | Implementation of the campus road loop more or less 10 kilometers meeting DPWH standards on Farm-To-Market roads | ₱ 95,000,000.00 | 2025 | 2025 | Proposed |
| **2023-08017-001511** | Construction of the New College of Criminology - Buguias Campus | A three-storey building equipped with modern laboratory and teaching facilities. With the increasing trend of enrollees. The said building will greatly contribute in educating students and continuously increase the passing percentage in board examinations of the university. | ₱ 30,000,000.00 | 2025 | 2025 | Proposed |

| PIPOL CODE | PROJECT TITLE | PROJECT DESCRIPTION | PROPOSED AMOUNT | START | END | UPDATE |
|---|---|---|---|---|---|---|
| **2020-08017-000007** | Construction of BSU Research and Training Center (La Trinidad Campus) | The proposed Research and Training Center will be a 2-storey building with an estimated floor area more of less 1,500 square meters. It will incorporate in its design a number of space types to meet the needs of all the participants in a designed program. There will be at least one (1) function hall that can accommodate at least 200 participants and at least two (2) functions halls for small group activities. There will also be sufficient number of comfort rooms, a lactation room and diaper changing room, pantry room, and staff room. In the design and layout, "Green Architecture" will be be integrated considering the impacts of Climate Change. This includes the efficient use of natural lightings, energy saver device/instruments, among others. Generator room for energy back-up in case of power interruptions, computer server and internet connectivity rooms will also be available. the building will also conform to the Accessibility Law and other related laws. | ₱ 35,000,000.00 | 2025 | 2025 | Proposed |
| **2023-08017-004908** | Construction of College of Arts and Humanities Building | The College of Arts and Humanities infrastructure project is a model smart University three-storey building. The first floor is designed to hold lecture rooms, amphitheater, a graduate office, student organization and publication office, and an office for faculty and college staffs. The second floor will cater the students and faculty lounges and a mini library. The third floor will mostly house the multimedia rooms. All floors of the building will have comfort rooms for male, ladies, gender neutral, PWD and a washroom. The building has the provision of entrance and exit ramp and stairs. | ₱ 35,000,000.00 | 2025 | 2025 | Proposed |
| **2020-08017-000010** | Expansion of the College of Arts and Sciences Building (Humanities and Social Sciences) | The project involves the construction of a two-storey building that will contain lecture rooms, laboratory rooms and a multi-purpose hall. | ₱ 35,000,000.00 | 2025 | 2025 | Proposed |

| PIPOL CODE | PROJECT TITLE | PROJECT DESCRIPTION | PROPOSED AMOUNT | START | END | UPDATE |
|---|---|---|---|---|---|---|
| **2023-08017-005261** | Construction of Open University Building | The Open University will be compliant not only to the guidelines needed for the construction of the government structures but will also be mindful and sensitive of gender required fixtures specifically including lactating and child-minding areas, gender and PWD-sensitive comfort rooms, ramps, and specific entry and exits points including fire exits located in a strategic area. | ₱ 25,000,000.00 | 2025 | 2025 | Proposed |
| **2023-08017-001517** | University Sewage Treatment Facilities | A facility that will remove contaminants from sewage and produce effluent suitable for reuse and safe for the environment. | ₱ 30,000,000.00 | 2025 | 2025 | Proposed |
| | Strawberry Farm Development Project | The development of strawberry farm will introduce new opportunities to new entrepreneurs that will increase economy of the Municipality of La Trinidad. This project aims to showcase the products of all the municipality of Benguet. | ₱ 250,000,000.00 | 2026 | 2028 | Proposed |
| **2020-08017-000012** | Construction of BSU Local and International Collaborations Building | The building is designed to contain conducive lecture rooms, laboratory rooms, function halls and other related learning areas in order to address the increasing trend of enrollment in exchange student programs for the university and in open-university courses. | ₱ 35,000,000.00 | 2026 | 2026 | Proposed |
| **2020-08017-000004** | Construction of Student Center Building (formerly Center for Culture and Arts Building) | The proposed project will contain performance halls, offices, multi-purpose rooms, and a display area of materials with significant historical value. | ₱ 28,000,000.00 | 2026 | 2026 | Proposed |
| | Sewage Treatment Facilities | The demand of clean water is not enough to supply everyone wherein wastewater treatment is a top priority of the modern world. The establishment of Sewage Treatment Facility in the University will provide a more environmentally friendly facility in conserving water supply. It will also help farmers in the neighboring barangay. | ₱ 75,000,000.00 | 2026 | 2026 | Proposed |

| PIPOL CODE | PROJECT TITLE | PROJECT DESCRIPTION | PROPOSED AMOUNT | START | END | UPDATE |
|---|---|---|---|---|---|---|
| **2023-08017-005542** | Construction of College of Numeracy and Applied Sciences | The building will house the components of the college ranging from offices to classrooms and function/conference hall. Specifically, the proposed three-story infrastructure is aiming to contain the 3 departments namely, Mathematics, Physics, and Statistics Department. It shall also house classrooms for the 2 undergraduate programs and 4 graduate programs of the college. It shall also accommodate classrooms for all students in the University since College of Numeracy and Applied Sciences (CNAS) is still one of the service colleges of the University. | ₱ 35,000,000.00 | 2026 | 2026 | Proposed |
| | Construction Materials Recovery Facility | There is an increase of solid waste production due to the increase of population of the university. Establishment of Materials Recovery Facility, wastes are better segregated and organized storage ready for proper disposal. | ₱ 25,000,000.00 | 2026 | 2026 | Proposed |
| **2023-08017-006581** | Establishment of BSU Publishing House | This project would involve the establishment of BSU Publishing House, which includes constructing a Bungalow extension at the Research and Extension Building, and procuring modern machinery and equipment for printing and packaging client publications and knowledge products and creative services. The project's construction or repair of an existing building will comprise at least five rooms for the Production Room, Meeting Room/Creative Room, Office and Marketing/Promotion/Advertising, Editorial/Graphics Department, and Supply room. | ₱ 20,000,000.00 | 2026 | 2026 | Proposed |
| **2023-08017-005297** | Establishment if Farm Shop Cum Bee Carpentry Laboratory at College of Agriculture | The agricultural tool room will comprise of two rooms, an open space as lecture and laboratory room. It will also be design for one tractor bay and parking, one working area, one farm machineries tool room, one farm carpentry room, two separate comfort room for male and female with shower room and an outdoor work shed/area. The agricultural storage tool room and carpentry will serve as showroom for the different agricultural equipment. It will also serve as examination room for students having their practicum and for actual or practical activities and a laboratory area for students (male and female) enrolled in the bee carpentry courses. | ₱ 5,500,000.00 | 2026 | 2026 | Proposed |

| PIPOL CODE | PROJECT TITLE | PROJECT DESCRIPTION | PROPOSED AMOUNT | START | END | UPDATE |
|---|---|---|---|---|---|---|
| | Relocation and Construction of the University Poultry Project | | ₱ 75,000,000.00 | 2026 | 2026 | Proposed |
| **2020-08017-000006** | Construction of Institute of Public Administration Building (formerly The Graduate School and Open Building) | The building is a two-storey building for students, employees and other stakeholders of the Institute of Public Administration. Thea first floor is designed to cater 8 rooms. Within this floor will be 7 lecture rooms, 1 student organization room and a student lounge. The second floor will comprise of 1 multipurpose room, 1 library, 3 faculty rooms, and server room. Both floors of the building will have comfort rooms for men, women, and PWD. The building will also have ramps for PWD. A floor area of more or less 1,500 square meters will be utilized. | ₱ 45,000,000.00 | 2027 | 2027 | Proposed |
| **2023-08017-001508** | Expansion of the College of Engineering and Applied Technology | The building design shall conform the national building code of the Philippines. It shall be a three (3) story building wherein each classroom should have a dimension of 9m x 10m to accommodate the 60-maximum number of students allowed by the University. A total of four classrooms for each floor level. However, one equivalent classroom size at the ground level will be modified as faculty office. The second-floor level will be pure classrooms. The third-floor level on the other hand shall have a modified classroom divider in such a way that all the floor level could be used as hall that accommodates college and other university activity/program with huge number of participants. | ₱ 60,000,000.00 | 2027 | 2027 | Proposed |
| | Human Resource Development Training Center | Provide a training facility for employees, students and clients that will house large and small group of seminar/training workshops and restrain the University from renting outside facilities for university activities. | ₱ 20,000,000.00 | 2027 | 2027 | Proposed |
| | Rehabilitation of BSU Sports Complex | The rehabilitation of the BSU Sports Complex will cater large events and will provide more conducive training area for students and other stakeholders. | ₱ 125,000,000.00 | 2027 | 2027 | Proposed |

| PIPOL CODE | PROJECT TITLE | PROJECT DESCRIPTION | PROPOSED AMOUNT | START | END | UPDATE |
|---|---|---|---|---|---|---|
| **2023-08017-004893** | Construction of College of Natural Sciences Building | The College of Natural Sciences hereby propose a plant facility consisting of smart classrooms and specialized laboratories that would cater projected increase of enrollees in three different degree programs offered by the college - BS Biology, BS Environmental Science and BS Chemistry. The construction will be a three storey building with smart classrooms, specialized laboratories, rooms for student lounge, faculty, conference and lactation rooms. Separate entrance and exit of the building are incorporated. | ₱ 45,000,000.00 | 2027 | 2027 | Proposed |
| | Construction of Students Center | This project will provide offices mainly for the student organizations. This also will decongest academic buildings for the facilities being occupied. | ₱ 20,000,000.00 | 2027 | 2027 | Proposed |
| **2023-08017-007268** | College of the Social Sciences Building | The College of Social Sciences will be a Smart, Gender and Climate-Change responsive. It will be a three-storey building with 25 Smart Classrooms, 3 Psychology Specialized Laboratories (with testing cubicles, counseling cubicles, conference-collaboration corners, experiment corners and wellness spaces, 4 Conference Rooms (convertible to lecture rooms), 3 audio visual rooms, 2 student lounges, 3 faculty rooms with lounge, 3 audio visual rooms, 1 auditorium, 6 common spacious and clean toilets (2 per floor – 1 for males and<br>1 for females). Lounges also would serve as e-hub equipped with strong wifi and collaborative spaces where students can continue working on their projects. | ₱ 35,000,000.00 | 2028 | 2028 | Proposed |
| | Establishment of the BSU Rocky Mountain Park | Development of Rocky Mountain Park will preserve the nature beauty of La Trinidad, Benguet This development will promote a healthy outdoor activity to students, visitors, and other stakeholders. | ₱ 50,000,000.00 | 2028 | 2028 | Proposed |

| PIPOL CODE | PROJECT TITLE | PROJECT DESCRIPTION | PROPOSED AMOUNT | START | END | UPDATE |
|---|---|---|---|---|---|---|
| **2023-08017-001514** | Expansion of the College of Teacher Education (Basic Education) | A two-storey building equipped with modern classroom design incorporating green architecture. With the offering of additional courses and the accessibility of free education, such building will accommodate more students. | ₱ 35,000,000.00 | 2028 | 2028 | Proposed |
| **2023-08017-004631** | Construction of University Clinic - Bokod Campus | Generally, this project showcases a 2-storey building that will cater offices, and rooms for laboratory, ward, and lactation.<br>For future considerations, the facilities in the medical clinic will be used by the students of BS Midwifery and BS Nursing should Bokod Campus qualifies to offer such health programs to augment the lack of midwives and nurses especially in the far-flung communities who are stretched to their limits by the pandemic and/or other illnesses. | ₱ 18,000,000.00 | 2029 | 2029 | Proposed |
| **2023-08017-004876** | BSU Veterinary Teaching Hospital Building and Diagnostic Laboratory | The BSU Veterinary Teaching Hospital shall consist of a three-storey building. The new building shall include new features and additional facilities not only for better delivery of quality veterinary services but also contribute to the safety and comfort of its visitors, clients, students, and human workforce.<br>The first floor shall house the main operation of the teaching hospital while the second floor and third floor shall provide ample space for student training/conferences and office spaces. | ₱ 60,000,000.00 | 2029 | 2029 | Proposed |
| **2023-08017-005346** | Construction of National Service Training Program (NSTP) Building | The building is a 2-storey building for students, faculty members, employees and stakeholders of the National Service Training Program. The first floor is designed to cater rooms for the Director, faculty, lecture rooms, function hall and an office for Disaster Risk Reduction and management Committee. The second floor will still cater lecture rooms incorporating the new normal for a face to face classes. | ₱ 35,000,000.00 | 2029 | 2029 | Proposed |

| PIPOL CODE | PROJECT TITLE | PROJECT DESCRIPTION | PROPOSED AMOUNT | START | END | UPDATE |
|---|---|---|---|---|---|---|
| **2023-08017-006729** | Construction of College of Teacher Education - Secondary Laboratory School (CTE-SLS) | A three storey building that will serve as a training venue for equipping male and female students, teachers and other stakeholders with skills necessary to their profession. With these facilities housed by the building, the pre-service teachers will be equipped with the competencies that will set them above par with the graduates form other teacher training institutes (TEIs) which will give them greater opportunities for better employment. The proposed specifications of the facilities and furnishings enable collaborative interaction between students so that biases related to gender, age, ethnicity be mitigated and greatly reduced such that they will no longer be observed or felt. Ramps will also be part of the structure to facilitate movement even for those with physical challenges. | ₱ 60,000,000.00 | 2029 | 2029 | Proposed |
| | Construction of Entrepreneurial Building | This project will serve as a training facility for students who envision themselves to be young entrepreneurs. | ₱ 20,000,000.00 | 2029 | 2029 | Proposed |
| **2023-08017-005528** | Establishment of two units Conventional Kitchen Demo-Laboratory at CHET Building | The two conventional kitchens to be established will have six work stations each. Each work station will be provided with a preparation area with cupboards, washing area and cooking area with stoves and ovens. The provision of different areas within each work station will improve logistics thereby saving time and promoting work efficiency for all genders attending laboratory classes. | ₱ 4,500,000.00 | 2030 | 2030 | Proposed |
| **2023-08017-006719** | Construction of CTE Annex Building | A two storey building that will serve as a training venue for equipping male and female students, teachers and other stakeholders with skills necessary to their profession. With these facilities housed by the building, the pre-service teachers will be equipped with the competencies that will set them above par with the graduates form other teacher training institutes (TEIs) which will give them greater opportunities for better employment | ₱ 35,000,000.00 | 2030 | 2030 | Proposed |

| PIPOL CODE | PROJECT TITLE | PROJECT DESCRIPTION | PROPOSED AMOUNT | START | END | UPDATE |
|---|---|---|---|---|---|---|
| **2023-08017-006800** | Construction of College of Teacher Education Integrated Preschool Elementary Laboratory Building | The project covers the putting up of the CTE Integrated Preschool - Elementary Laboratory Building. It is a three-storey building composed of rooms to house childminding center, lactating room, classrooms, library, learning resource room/demonstration room, audio-visual room (AVR), conference room and a multipurpose hall. | ₱ 65,000,000.00 | 2030 | 2030 | Proposed |
| **2023-08017-006835** | ADUYON PARA ADIVAYAN: A Student Activity Center | Benguet State University has a lot to offer in terms of space but the lawns in front of the colleges has no concrete and covered place to stay during rainy and summer season. Cultural events and practices can be held in this project for the public to see and appreciated. | ₱ 2,500,000.00 | 2030 | 2030 | Proposed |
| **2023-08017-004850** | Construction of One Stop Commercial Center - Bokod Campus | This encourages the formalization and growth of micro-small and medium-sized enterprises, including through access to financial services. Hence, it is 2-storey building that caters a coffee shop with display shelves for university products.<br>This project aims to develop highly motivated, creative, and reflexes entrepreneurs equipped with knowledge, skills and values in entrepreneurial technology. | ₱ 25,000,000.00 | 2033 | 2033 | Proposed |
| **2023-08017-005133** | Construction of Cordillera Heritage Center Building | The Cordillera Heritage Center is a three-storey building. The first floor is design to house the offices for director and staff; receiving area; a mini theatre which can also be used for other purposes and activities like video recording and plays. The second-floor houses wide theatre, backstage, balcony with bleachers, and small electronic rooms and other paraphernalia. The third floor will generally be used for rehearsal by the existing 8 components (Dramatic Arts Club, Glee Club, Highland Cultural Dance Troupe/Kontad, Marching Band, Rondalla, Lowland Cultural Dance Troupe/Sinagtala, Indigenous Knowledge System Unit and Museum) of the university. Small halls with built-in wide mirrors on the wall will be incorporated where the 8 components can store and display their attires, instruments and other paraphernalia. | ₱ 50,000,000.00 | 2033 | 2033 | Proposed |
| | | **TOTAL** | **₱ 2,008,500,000.00** | | | |

Table 55. List of Proposed Projects subject to Program Preparation and charge to University IGI/ Partnership Agreements

| LA TRINIDAD CAMPUS | BOKOD CAMPUS | BUGUIAS CAMPUS |
|---|---|---|
| Technical-Vocational Program Building | Multipurpose Sports Facility (3 storeys) | Student Center and Alumni Building |
| College of Industrial Education Building | College of Criminology (3 storeys) | Human Kinetics Building |
| Eco Tourism Learning Hotel | Administration Building | Swimming Pool and Pe Building |
| Student Entrepreneurial Building | Motorpool | Laboratory Building |
| Mushroom Laboratory / Fungiculture Building | Hazardous Waste Storage | Agricultural Building |
| Sports Complex | Vermicomposting Facility | Related Subjects Building |
| Covered Courts | Giant Dome Caged Park | Information And Communication Technology Building |
| Floriculture Laboratory | Covered Courts | Medical/Dental Clinic and Graduate School Building |
| Floriculture Office | Log Cabins | Apiary |
| Horticulture | Grand Stand | Education Building & Annex |
| Student Dormitory | Employee Cottage | Other Courses Building |
| Employee Apartment | Employee Dormitory | Research Building |
| Material Recovery Facility | Comfort Rooms | Storage Room |
| Sewage Treatment Plants | Indigenous People's Center | Gymnasium |
| Reception Hall | Main Gate Guardhouse | Guard House |
| Storage Facility | Track and Field | Barangay Extension |
| Proposed Hall | Rain water impounding System | Police Outpost |
| Free Enterprise Building | Water Filtration System | Motor Pool |
| Commercial Stalls | Water Filtration Intake Pipe | Distribution Tanks |
| Coffee Shop | Main Water Tank | Employee Housing |
| Multilevel Parking Space | Water Transfer Pipe | Student Dormitory |
| Water Filtration System | Distribution Tank1 | Storage Room |
| Perimeter Fencing | Sewage Treatment Plant | Gymnasium |
| | Sewer Pipe Line 1 &2 | Guard House |
| | Drainage Canal | Barangay Extension |
| | Power House | Police Outpost |
| | BENECO Line in | Motor Pool |
| | Secondary Power Line | Distribution Tank 3 |
| | Electrical Posts | Employee Housing |
| | Footpath (1 X 450 M) | Student Dormitory |
| | Road Pavement (6 X 360 M) | Poultry And Piggery House |
| | Perimeter Fencing (1,115M) | Commercial Stalls |
| | | Marketing Building |
| | | Canteen |
| | | BSU Community Multipurpose Coop |
| | | Police Outpost |
| | | Perimeter Fencing Phase 1, 2 & 3 (1,500 M) |
| | | Solar Light (18 Poles) |
| | | Roads And Bridges |
| | | Flood Control |

**Proposed infrastructure projects are as follows**:

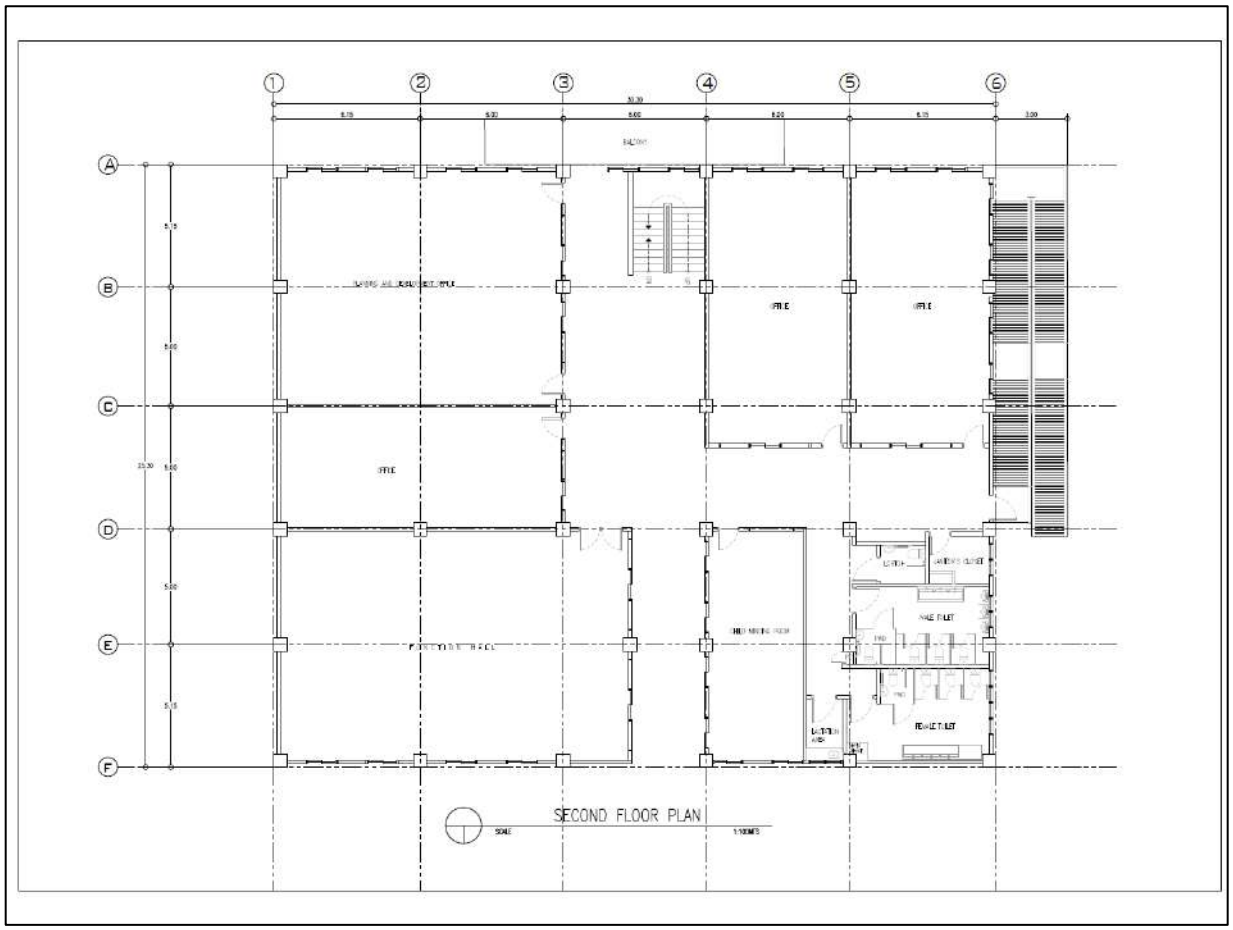
College of Medicine Complex






Expansion of Administration Building



New Academic Building






Republic of the Philippines
**BENGUET STATE UNIVERSITY**
La Trinidad, Benguet, Province 2601
(074) 422-2401 Telefax (074) 422-2176

Project: **CONSTRUCTION OF NEW ACADEMIC BUILDING**
Owner: Benguet State University
Location: Daclan, Bokod, Benguet
Description: Construction of a Two-storey Academic building with roof deck having a total floor area of 2,590m².

**VOLUMETRIC PROJECT COST ESTIMATES**

| Item | Description | | | | | Amount |
|---|---|---|---|---|---|---|
| I. | GENERAL REQUIREMENTS | 1 | lot | 2.52% | | 4,880,207.50 |
| | ***Permits,clearances and Project Billboard | | | 0.0025 | 181,875.00 | |
| | ***Soil Exploration | | | 0.0027 | 172,882.50 | |
| | ***Doctor fee | | | 0.03 | 1,942,500.00 | |
| II. | SITEWORKS | 1 | lot | 4% | | |
| | ***Mobilization | | | 0.0012 | 77,700.00 | |
| | ***Safety and Health | | | 0.0060 | 388,500.00 | |
| | ***Clearing, Grubbing and cleaning (including demolition of existing structures) | | | 0.0150 | 1,036,000.00 | |
| | ***Temporary Facilities and utilities | | | 0.0035 | 226,625.00 | |
| | ***Structural excavation- common earth | | | 0.0100 | 647,500.00 | |
| | ***Embankment | | | 0.0035 | 226,625.00 | |
| III. | PLAIN AND REINFORCED CONCRETE | 1 | lot | 44.12% | | 28,567,700.00 |
| | ***Gravel bedding | | | 0.0062 | 401,450.00 | |
| | ***Steel Works | | | 0.22 | 14,245,000.00 | |
| | ***Formworks | | | 0.055 | 3,561,250.00 | |
| | ***Concrete Works | | | 0.15 | 10,360,000.00 | |
| IV. | ROOFING WORKS | 844.02 | sq.m. | 10% | | 6,241,900.00 |
| | ***Structural steel roof framing | | | 0.0554 | 3,781,400.00 | |
| | ***Roof Sheeting and Accessories | | | 0.036 | 2,460,500.00 | |
| V. | MASONRY WORKS | 5,650.62 | sq.m. | 6.3% | | 4,098,675.00 |
| | ***CHB Laying | | | 0.035 | 2,266,250.00 | |
| | ***Plastering | | | 0.0253 | 1,832,425.00 | |
| VI. | ELECTRICAL WORKS | 173 | outs | 2% | | 1,437,450.00 |
| | ***Conduits and Boxes | | | 0.004 | 259,000.00 | |
| | ***Wires and wiring devices | | | 0.0082 | 530,950.00 | |
| | ***Electrical fixtures | | | 0.007 | 453,250.00 | |
| | ***Panel boards/buses/breakers | | | 0.003 | 194,250.00 | |
| IV. | PLUMBING WORKS | 71 | units | 3% | | 1,871,275.00 |
| | ***Pipe Lines | | | 0.011 | 712,250.00 | |
| | ***Plumbing fixtures | | | 0.0113 | 731,675.00 | |
| | *** Septic Vault and catch basin | | | 0.004 | 259,000.00 | |
| | ***Cistern Tank | | | 0.0026 | 168,350.00 | |
| VII. | ARCHITECTURAL FINISHING | 11,413.57 | sq.m. | 23% | | 15,190,350.00 |
| | ***Ceiling | | | 0.045 | 2,913,750.00 | |
| | ***Doors | | | 0.016 | 1,036,000.00 | |
| | ***Aluminum Windows | | | 0.044 | 2,848,000.00 | |
| | ***Painting works | | | 0.0331 | 2,143,225.00 | |
| | ***Tileworks (unglazed) | | | 0.05 | 3,237,500.00 | |
| | ***Tileworks (glazed) | | | 0.01 | 647,500.00 | |
| | ***Modular Partition | | | 0.014 | 906,500.00 | |
| | ***Drywall | | | 0.002 | 129,500.00 | |
| | ***Handrails, guardrails, fire escape | | | 0.015 | 971,250.00 | |
| | Crazy Cut stone Cladding | | | 0.0025 | 161,875.00 | |
| VIII. | FURNISHINGS | | | 3% | | 2,033,150.00 |
| | ***Classroom white boards and platform | 30 | units | 0.0154 | 997,150.00 | |
| | ***Control room and sound system | 6 | units | 0.016 | 1,036,000.00 | |
| IX. | FIRE SAFETY | 21 | units | 0.21% | | 135,975.00 |
| X. | SITE DEVELOPMENT | 460 | sq.m | 0.16% | | 103,600.00 |
| XI. | BUILDING SIGNAGE | 7,092.49 | sq.inch | 0.15% | | 99,067.50 |
| XII. | GENERATOR SET | 1 | unit | 0.14% | | 90,650.00 |
| | **Approved Budget for the Contract** | | | **100.00%** | | 64,750,000.00 |

Prepared by:
EDEN R. BENEDICTO
Draftsman II-Physical Plant

Checked by:
HAZELINE K. TIBANGAY
Architect III-Physical Plant

New Academic Building




Republic of the Philippines
**BENGUET STATE UNIVERSITY**
La Trinidad, Benguet, Province 2601
(074) 422-2401 Telefax (074) 422-2176

Project: **CONSTRUCTION OF NEW ACADEMIC BUILDING**
Owner: Benguet State University
Location: Loo, Buguias, Benguet
Description: Construction of a Three-storey Academic building with roof deck having a total floor area of 1,990 m².

**VOLUMETRIC PROJECT COST ESTIMATES**

| Item | Description | | | | | Amount |
|---|---|---|---|---|---|---|
| I. | GENERAL REQUIREMENTS | 1 | lot | 2.82% | | 3,260,575.20 |
| | ***Permits,clearances and Project Billboard | | | 0.0025 | 119,400.00 | |
| | ***Soil Exploration | | | 0.0027 | 127,519.20 | |
| | ***Design fee | | | 0.03 | 1,432,800.00 | |
| II. | SITEWORKS | 1 | lot | 2% | | 93,536.00 |
| | ***Mobilization | | | 0.0011 | 52,536.00 | |
| | ***Safety and Health | | | 0.0060 | 286,080.00 | |
| | ***Clearing, Grubbing and cleaning (Demolition of existing structure) | | | 0.0070 | 334,320.00 | |
| | ***Temporary Facilities and utilities | | | 0.0035 | 167,160.00 | |
| | ***Structural excavation- common earth | | | 0.0100 | 477,600.00 | |
| | ***Embankment | | | 0.0035 | 167,160.00 | |
| III. | PLAIN AND REINFORCED CONCRETE | 1 | lot | 43.70% | | 20,871,120.00 |
| | ***Gravel bedding | | | 0.007 | 334,320.00 | |
| | ***Steel Works | | | 0.22 | 10,507,200.00 | |
| | ***Formworks | | | 0.06 | 2,865,600.00 | |
| | ***Concrete Works | | | 0.15 | 7,164,000.00 | |
| IV. | ROOFING WORKS | 770.36 | sq.m | 8% | | 4,107,360.00 |
| | ***Structural steel roof framing | | | 0.05 | 2,388,000.00 | |
| | ***Roof Sheeting and Accessories | | | 0.030 | 1,719,360.00 | |
| V. | MASONRY WORKS | 6,611.34 | sq.m | 6.8% | | 3,164,400.00 |
| | ***CHB Laying | | | 0.04 | 1,910,400.00 | |
| | ***Plastering | | | 0.025 | 1,194,000.00 | |
| VI. | ELECTRICAL WORKS | 240 | outs | 2% | | 1,194,800.00 |
| | ***Conduits and Boxes | | | 0.004 | 191,040.00 | |
| | ***Wires and wiring devices | | | 0.008 | 382,080.00 | |
| | ***Electrical fixtures | | | 0.01 | 477,600.00 | |
| | ***Panel board/boxes/breakers | | | 0.003 | 143,280.00 | |
| IV. | PLUMBING WORKS | 50 | units | 2% | | 998,184.00 |
| | ***Pipe Lines | | | 0.0054 | 257,904.00 | |
| | ***Plumbing fixtures | | | 0.0115 | 549,240.00 | |
| | *** Septic vault and catch basin | | | 0.004 | 191,040.00 | |
| VII. | ARCHITECTURAL FINISHING | 9,518.94 | sq.m | 28% | | 13,826,320.00 |
| | ***Ceiling | | | 0.049 | 2,340,240.00 | |
| | ***Doors | | | 0.016 | 764,160.00 | |
| | ***Aluminum Windows | | | 0.044 | 2,101,440.00 | |
| | ***Painting works | | | 0.033 | 1,576,080.00 | |
| | ***Tileworks (unglazed) | | | 0.05 | 2,388,000.00 | |
| | ***Tileworks (glazed) | | | 0.02 | 955,200.00 | |
| | ***Modular partition | | | 0.074 | 868,640.00 | |
| | ***Drywall | | | 0.0025 | 119,400.00 | |
| | ***Handrails, guardrails, fire escape enclosure | | | 0.021 | 1,002,960.00 | |
| | ***Glazy cut stone cladding | | | 0.01 | 477,600.00 | |
| VIII. | FURNISHINGS | | | 2% | | |
| | ***classroom white boards and platform, mini theater stage and seating riser platform | 10 | units | 0.021 | 1,002,960.00 | |
| | ***mini theater control room and sound system | 6 | units | 0.009 | 429,840.00 | |
| IX. | FIRE SAFETY | 21 | units | 0.21% | | 100,296.00 |
| X. | SITE DEVELOPMENT | 400 | sq.m | 0.27% | | 128,952.00 |
| XI. | BUILDING SIGNAGE | 11275 | sq.inch | 0.35% | | 168,592.80 |
| | **Approved Budget for the Contract** | | | **100%** | | 47,780,894.00 |

Prepared by:
**EDNA M. L. EMISON**
Draftsman II-Physical Plant

Checked by:
**HAZELINE N. TABANGAY**
Architect III-Physical Plant

Convention Center



Marketing Center




Coffee Shop



Mushroom Laboratory

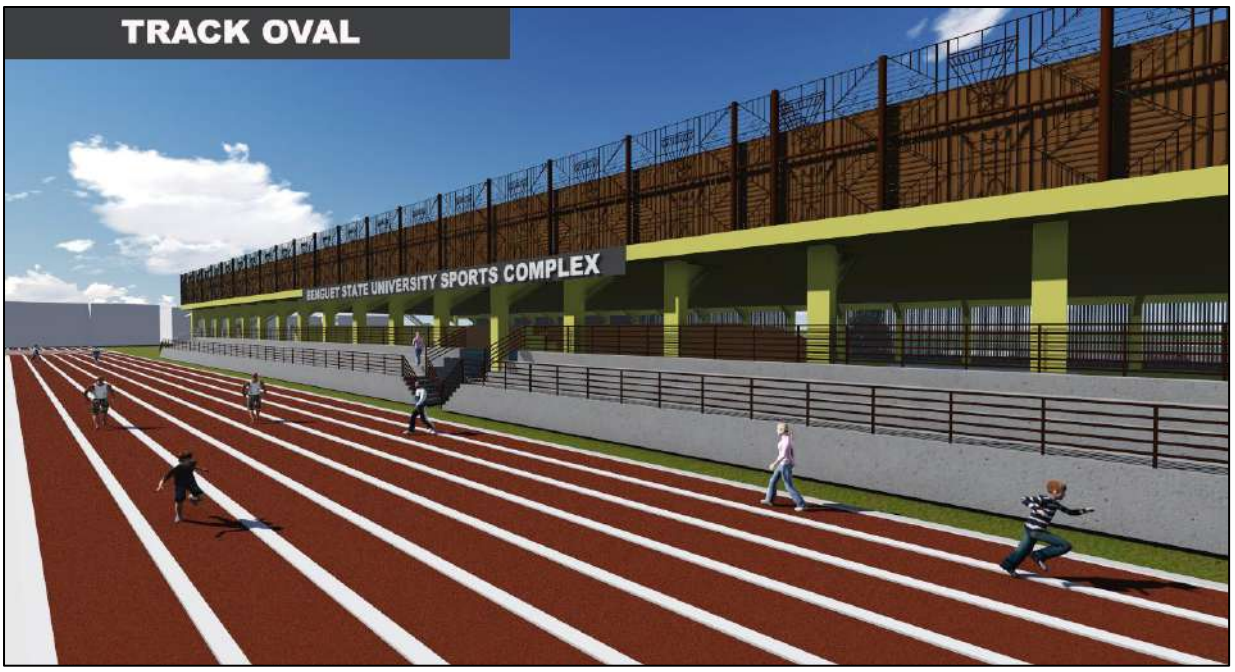






BSU SPORTS COMPLEX


PROPOSED BSU SPORTS COMPLEX


TRACK OVAL
BENGUET STATE UNIVERSITY SPORTS COMPLEX

Marketing Center

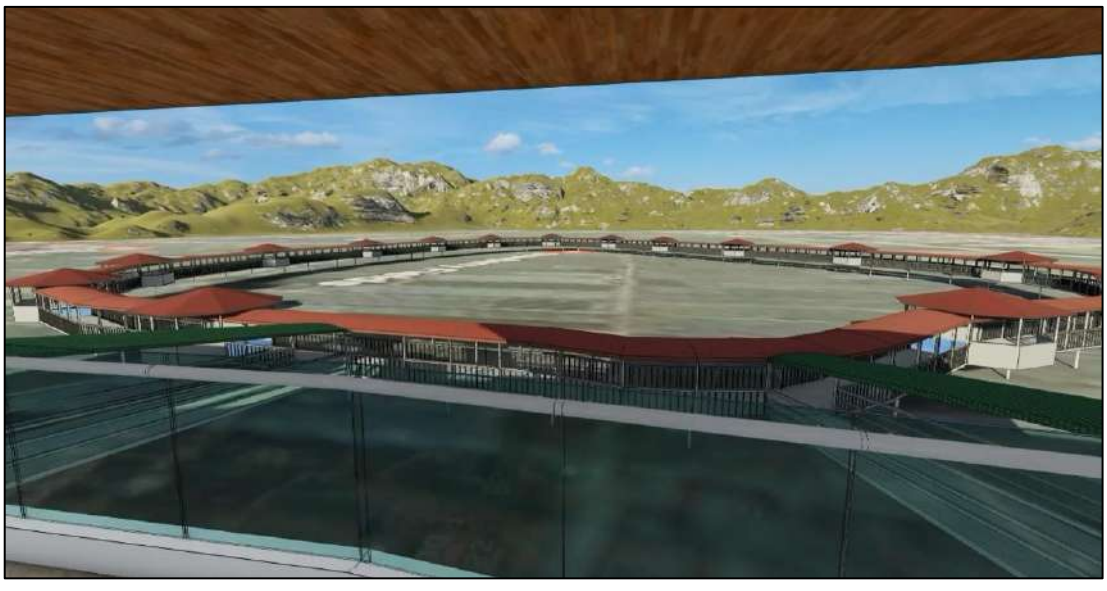




Strawberry Farm Development Project

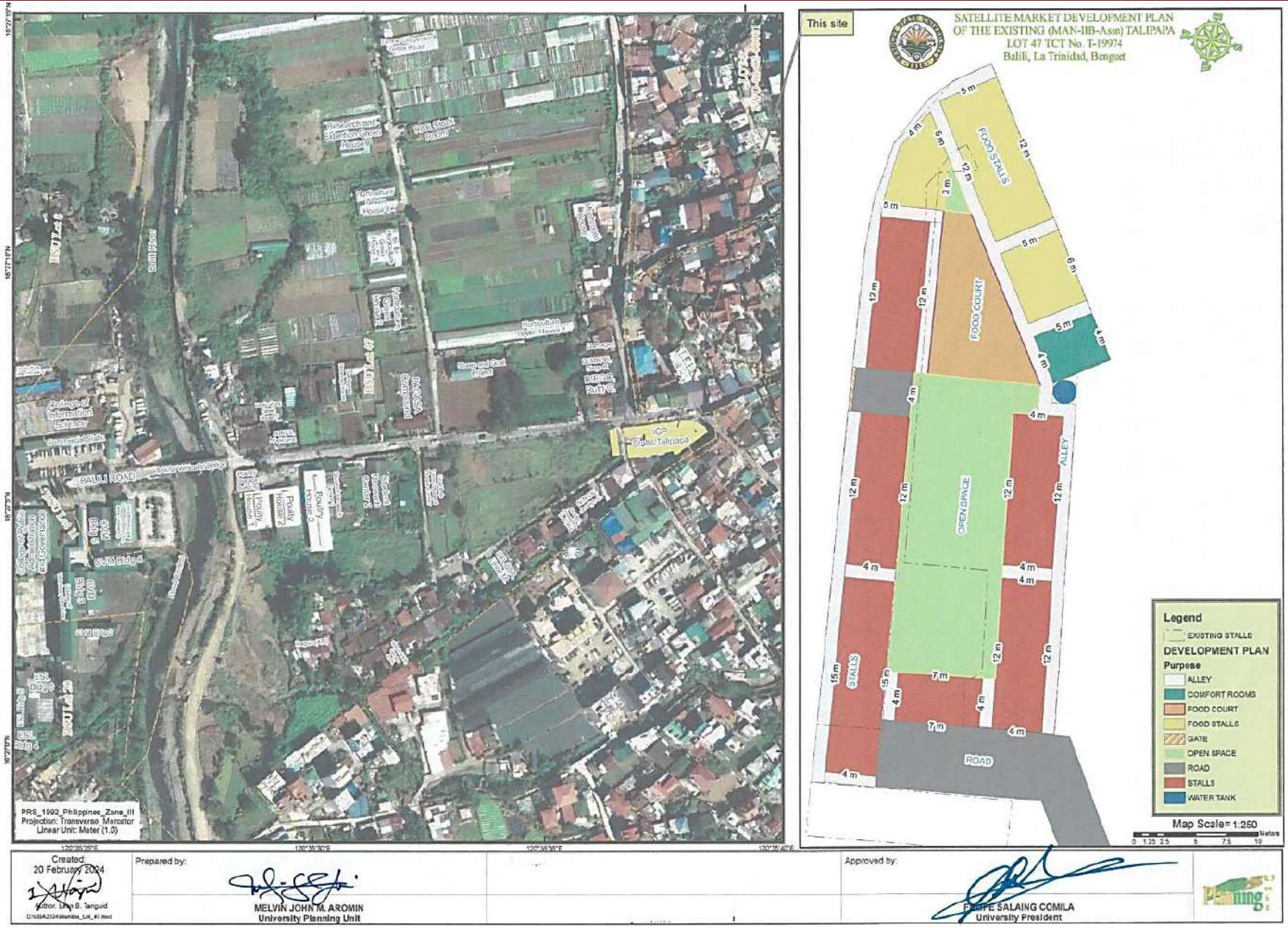





LEASED PROPERTIES FOR COMMERCIAL USE
Portions of Lot 7, Lot 8, Lot 15 and Lot 16
Balili, La Trinidad, Benguet
Crop Production Barting Sikap
Pay Parking Area
Leased Area (Vitena)
Legend
Agricultural/Commercial Spaces
BSU Lot Boundary
National Road
Provincial Road
Municipal/Barangay Road
Rivers/Creeks
Map Scale = 1:1,800
0 5 10 20 30 40
Meters
120°35'30"E
16°27'30"N
16°27'45"N
Created:
21 February 2024
Prepared by:
MELVIN JOHN M. AROMIN
University Planning Unit
Approved by:
FELIPE SALAING COMILA
University President


LEASED PROPERTIES FOR COMMERCIAL USE
Portions of Lot 19 and Lot 47 Balili and Betag
La Trinidad, Benguet
Legend
Agricultural/Commercial Spaces
National Road
Provincial Road
Municipal/Barangay Road
Rivers/Creeks
Map Scale = 1:2,500
0 12.5 25 50 75 100
Meters
Created:
20 February 2024
Author: Ursula B. Tanguid
Prepared by:
MELVIN JOHN M. AROMIN
University Planning Unit
Approved by:
FELIPE SALAING COMILA
University President

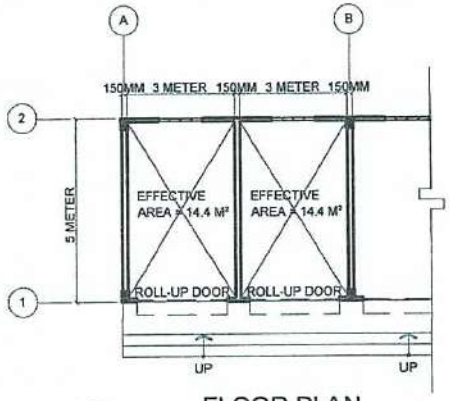

This site
SATELLITE MARKET DEVELOPMENT PLAN
OF THE EXISTING (MAN-IIB-Assn) TALIPAPA
LOT 47 TCT No. T-19974
Balili, La Trinidad, Benguet
FOOD STALLS
FOOD COURT
OPEN SPACE
ALLEY
STALLS
ROAD
Legend
EXISTING STALLS
DEVELOPMENT PLAN
Purpose
ALLEY
COMFORT ROOMS
FOOD COURT
FOOD STALLS
GATE
OPEN SPACE
ROAD
STALLS
WATER TANK
Map Scale= 1:250
PRS_1992_Philippines_Zone_III
Projection: Transverse Mercator
Linear Unit: Meter (1.0)
BALILI ROAD
Created:
20 February 2024
Prepared by:
MELVIN JOHN M. AROMIN
University Planning Unit
Approved by:
PHILIPE SALAING COMILA
University President


LEASED PROPERTIES FOR COMMERCIAL USE
Portions of Lot 12, Lot 13 and PSU-B-1-000041
Betag, La Trinidad, Benguet
Farm to Market Road
West Link Road
Agri Incubation Area
Legend
Agricultural/Commercial Spaces
National Road
Provincial Road
Municipal/Barangay Road
Map Scale = 1:3,000
0 15 30 60 90 120
Meters
Created:
14 March 2024
Prepared by:
MELVIN JOHN M. ARONIN
University Planning Unit
Approved by:
FELIPE SALAING COMILA
University President


STRAWBERRY PARK DEV'T PLAN
LOT 12 SWO-01-02-00001; Ngs-CAR-000098
Betag, La Trinidad, Benguet
Benguet Vegetable Processing
BSU Agri-Processing Center
BSU Orchidarium
Stalls Block18 4X12 m
Stalls Block17 4X12 m
Stalls Block16 4X12 m
Comfort Rooms 6X8.5 m
Public CR (Operationalize)
Ticketing Booth
Dept of Tourism Information
LGU La Trinidad
Parking Lot Expansion
Landscaping
Restaurant 6X18 m
Food Court 5X18 m
Kitchen
BSU Marketing Center 3X10
Bus Parking 3.5X12 m
Car Parking 2.5X5 m
Van Parking 2.5X8 m
In Spacing
Comfort Rooms 4.5X8.5 m
Stalls Block1 4X12 m
Stalls Block2 4X12 m
Stalls Block3 4X12 m
Stalls Block4 4X12 m
Stalls Block5 4X12 m
Stalls Block6 4X12 m
Stalls Block7 4X12 m
Stalls Block8 4X12 m
Stalls Block9 4X12 m
Stalls Block10 4X12 m
Stalls Block11 4X12 m
Stalls Block12 4X12 m
Stalls Block13 4X12 m
Stalls Block14 4X12 m
Stalls Block15 4X12 m
Walkway 1-5m wide
Water Tank
Legend
Benguet Pine
Development Plan
Structure
BUS PARKING BAY
CAR PARKING BAY
COMFORT ROOMS
COMMERCIAL STALLS
FOOD SERVICE
IN_OUT
LANDSCAPING
OPEN SPACE
PEDESTRIAN
UTILITY SERVICES
VAN PARKING BAY
PRS_1992_Philippines_Zone_III
Projection: Transverse_Mercator
Linear Unit: Meter (1.0)
1 cm = 5 meters
0 3.25 1.5 13 19.5 26 Meters
Created:
20 February 2024
Prepared by:
MELVIN JOHN M. AROMIN
University Planning Unit
Approved by:
Approved by: FELIPE SALAING
CESO LA; University President

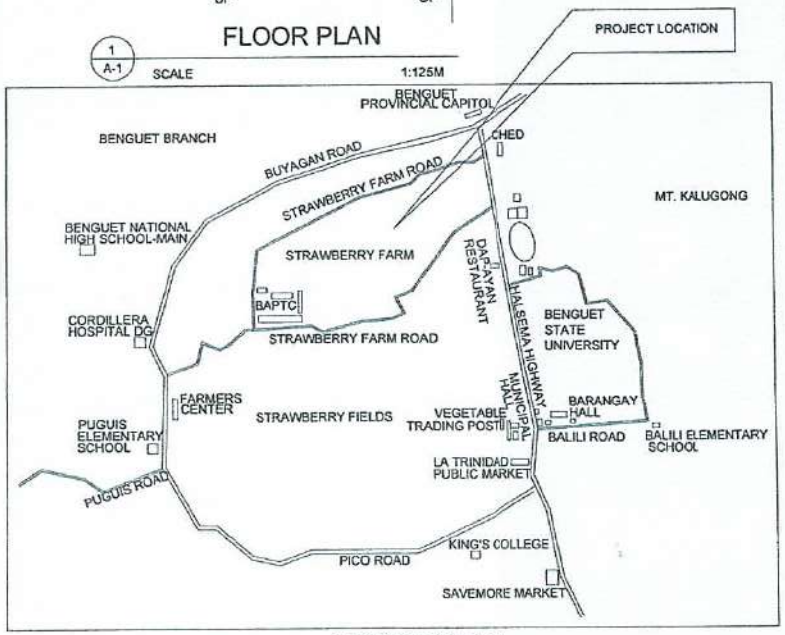







FLOOR PLAN

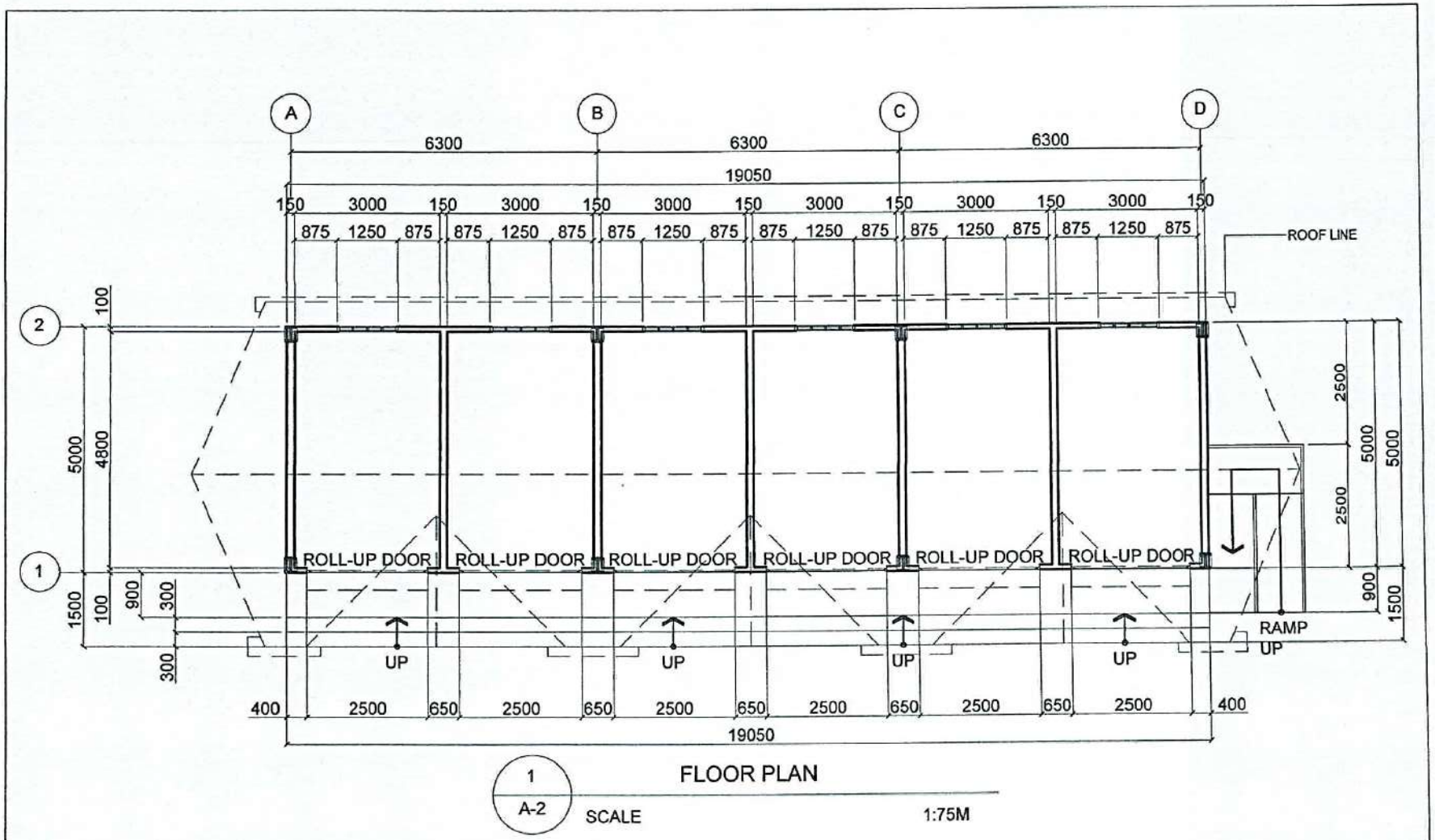
1/A-1 SCALE 1:125M



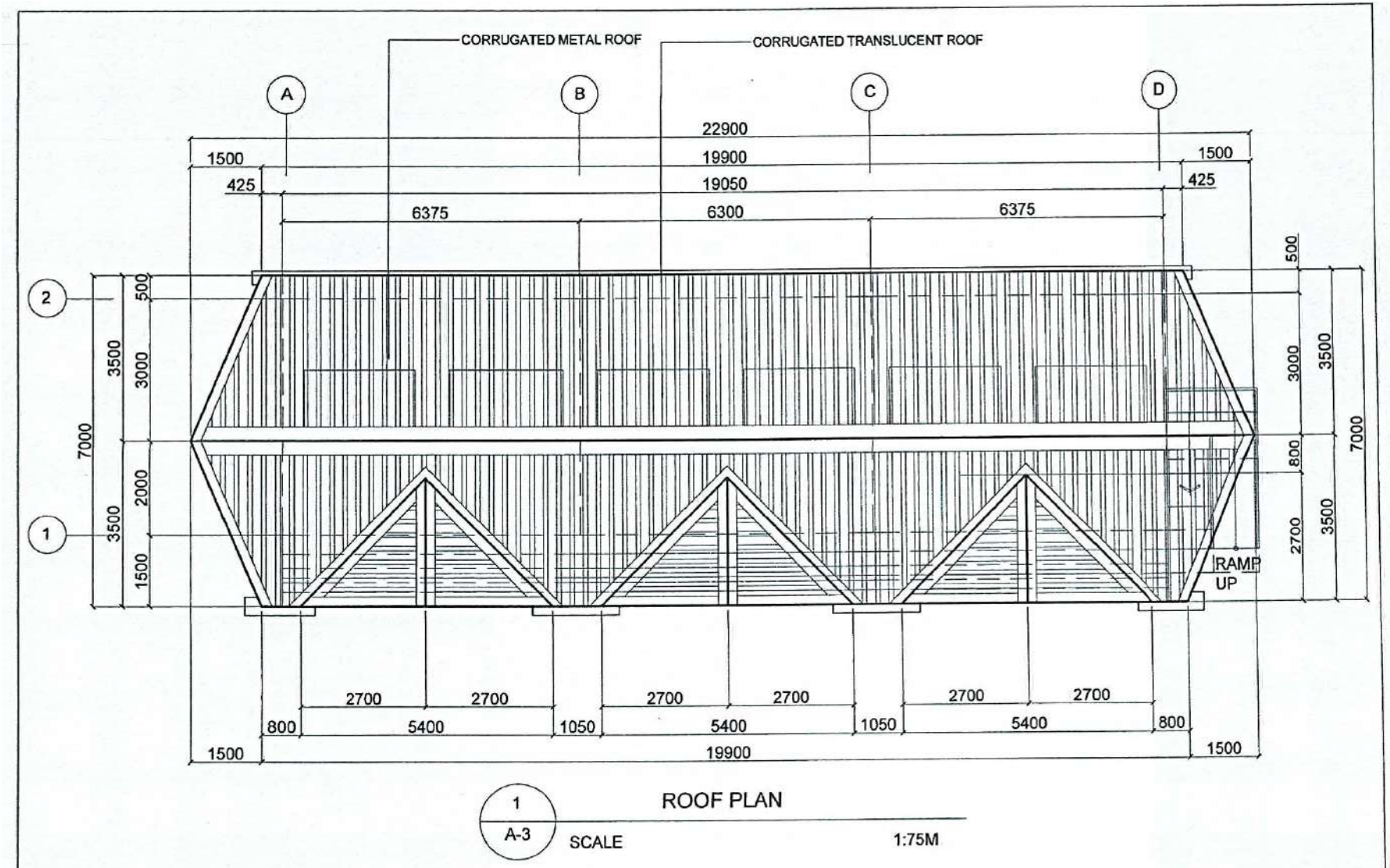

VICINITY MAP

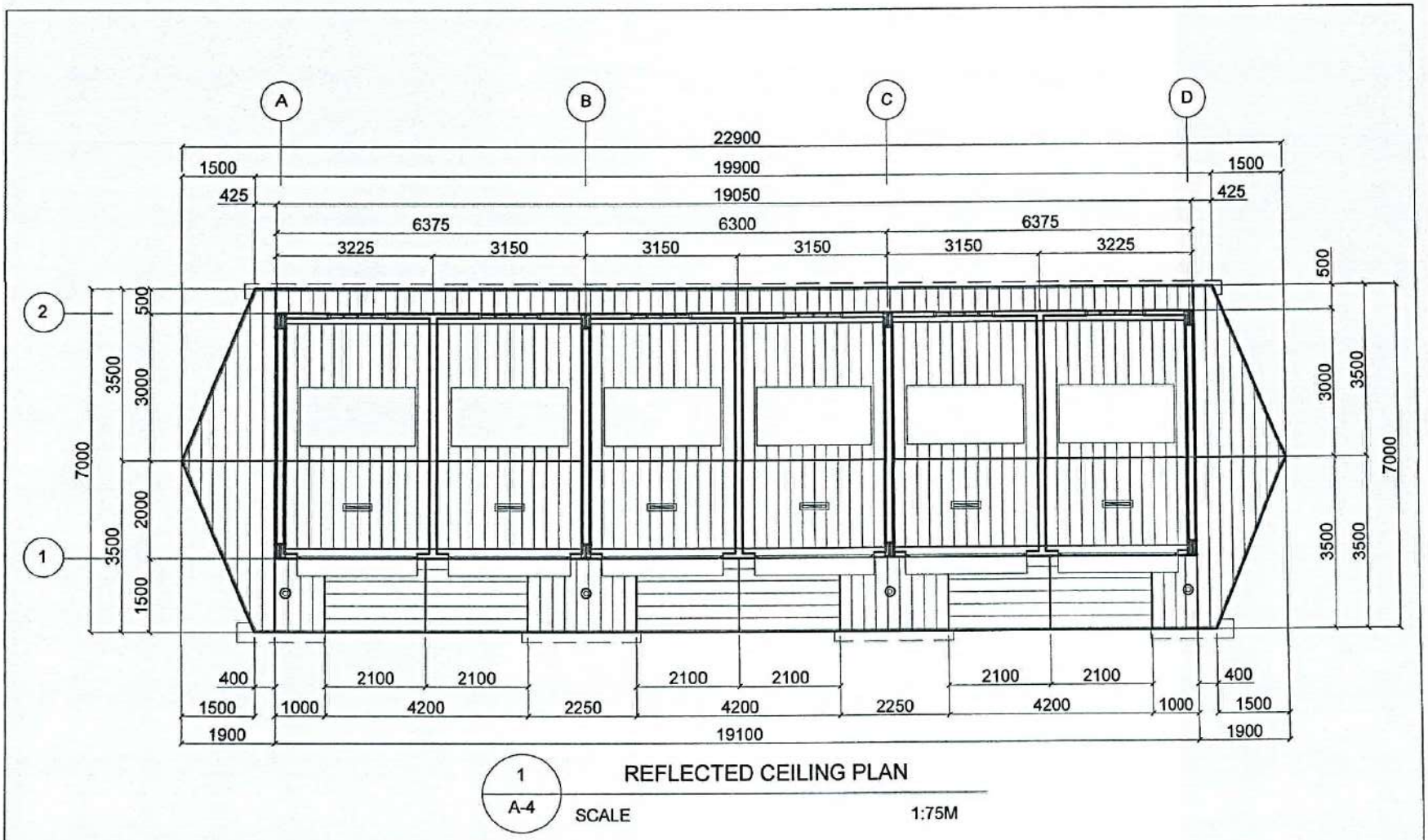
1/A-1 SCALE NTS.

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| PREPARED BY: EPHHRAIM G. DORIA<br>DATE: | CONFORMED: NORMA P. BANANIA, VP FOR BUSINESS AFFAIRS<br>END-USER | PROPOSED BSU STRAWBERRY FIELD STALLS<br>PROJECT TITLE: | BENGUET STATE UNIVERSITY<br>OWNER: | ENDORSED BY: MELVIN JOHN M. AROMIN, DIRECTOR PLANNING AND DEVELOPMENT OFFICE; ALLAN C. SACPA, VICE PRESIDENT FOR ADMINISTRATION AND FINANCE | APPROVED: FELICES SALAING COMILA, UNIVERSITY PRESIDENT | REVISION:<br>REMARKS:<br>PG CONTENT<br>AS SHOWN | SHEET NO. A/1 |




| | | | | | | | |
|---|---|---|---|---|---|---|---|
| PREPARED BY: EPHHRAIM G. DORIA | CONFORMED: NORMA P. BANANIA, VP FOR BUSINESS AFFAIRS | PROPOSED BSU STRAWBERRY FIELD STALLS | BENGUET STATE UNIVERSITY | ENDORSED BY: MELVIN JOHN M. AROMIN, DIRECTOR PLANNING AND DEVELOPMENT OFFICE; ALLAN C. SACPA, VICE PRESIDENT FOR ADMINISTRATION AND FINANCE | APPROVED: FELIPE SALAING COMILA, UNIVERSITY PRESIDENT | REVISION: / REMARKS: / PG CONTENT: AS SHOWN | SHEET NO. A 2 |
| DATE: | END-USER | PROJECT TITLE: | OWNER: | | | | |

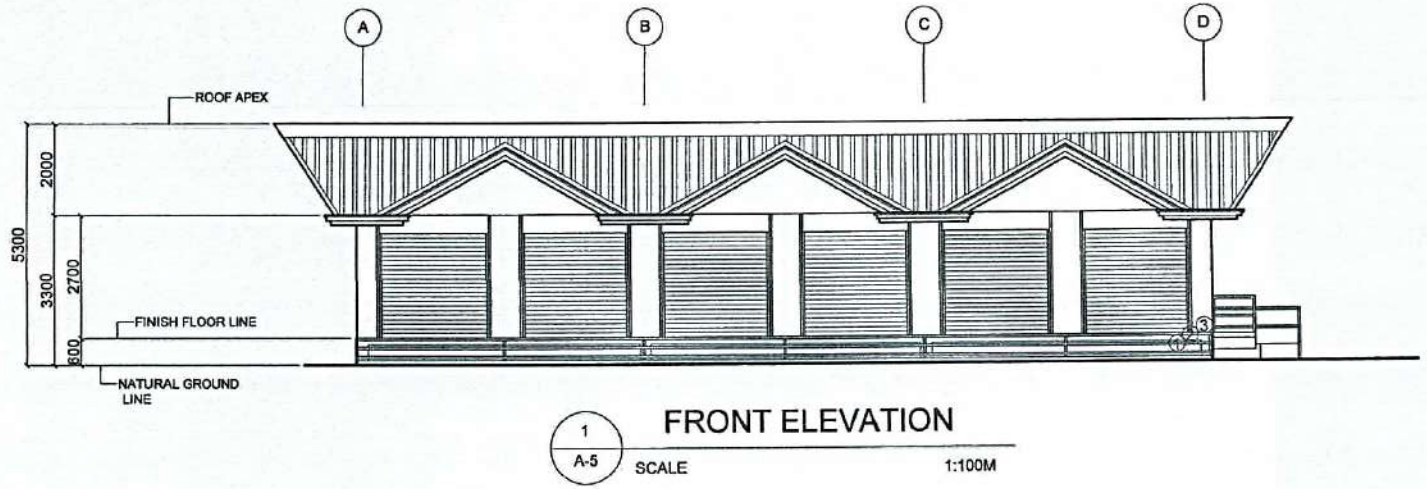

CORRUGATED METAL ROOF
CORRUGATED TRANSLUCENT ROOF
A
B
C
D
1
2
22900
19900
19050
6300
6375
1500
425
500
3500
3000
2000
7000
800
2700
RAMP UP
2700
5400
1050
800
19900
ROOF PLAN
SCALE
1:75M
PREPARED BY:
EPHHRAIM G. DORIA
CONFORMED:
NORMA P. BANANIA
VP FOR BUSINESS AFFAIRS
END-USER
DATE:
PROPOSED BSU STRAWBERRY FIELD STALLS
PROJECT TITLE:
BENGUET STATE UNIVERSITY
OWNER:
ENDORSED BY:
MELVIN JOHN M. AROMIN
DIRECTOR PLANNING AND DEVELOPMENT OFFICE
ALLAN C. SACPA
VICE PRESIDENT FOR ADMINISTRATION AND FINANCE
APPROVED:
PELIPE SALAING COMILA
UNIVERSITY PRESIDENT
REVISION:
REMARKS:
PG CONTENT
AS SHOWN
SHEET NO.
A 3




1 / A-4 REFLECTED CEILING PLAN

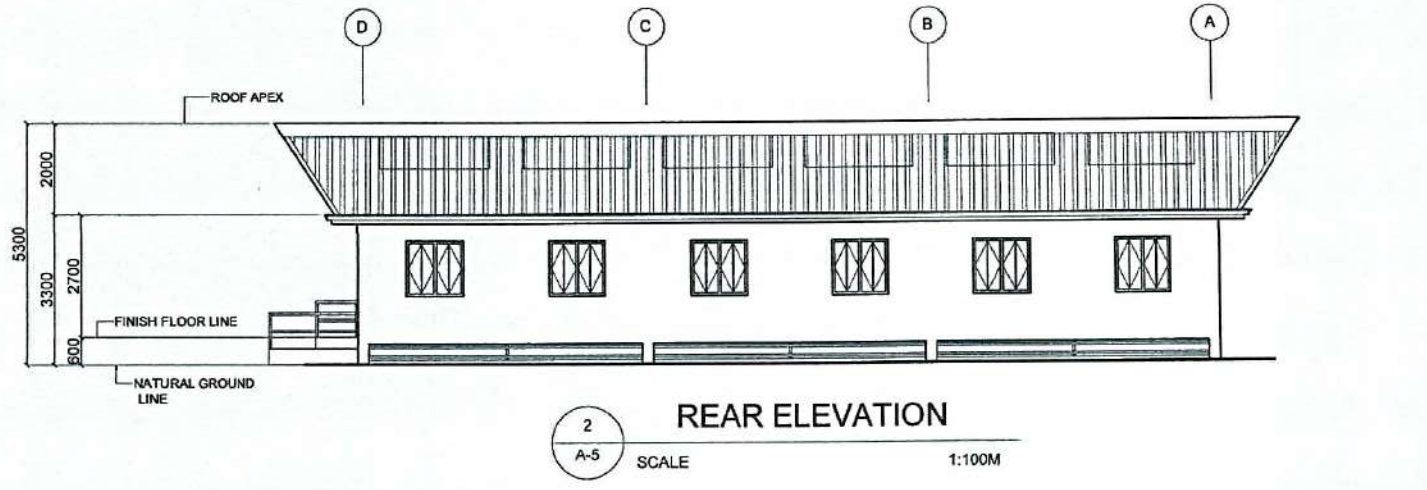
SCALE 1:75M

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PREPARED BY: EPHHRAIM G. DORIA<br>DATE: | CONFORMED: NORMA P. BANANIA, VP FOR BUSINESS AFFAIRS<br>END-USER | PROPOSED BSU STRAWBERRY FIELD STALLS<br>PROJECT TITLE: | BENGUET STATE UNIVERSITY<br>OWNER: | ENDORSED BY: MELVIN JOHN M. AROMIN, DIRECTOR PLANNING AND DEVELOPMENT OFFICE; ALLAN C. SACPA, VICE PRESIDENT FOR ADMINISTRATION AND FINANCE | APPROVED: FELIPE SALAING COMILA, UNIVERSITY PRESIDENT | REVISION:<br>REMARKS:<br>PG CONTENT: AS SHOWN | SHEET NO. A 4 | |




1 / A-5 FRONT ELEVATION

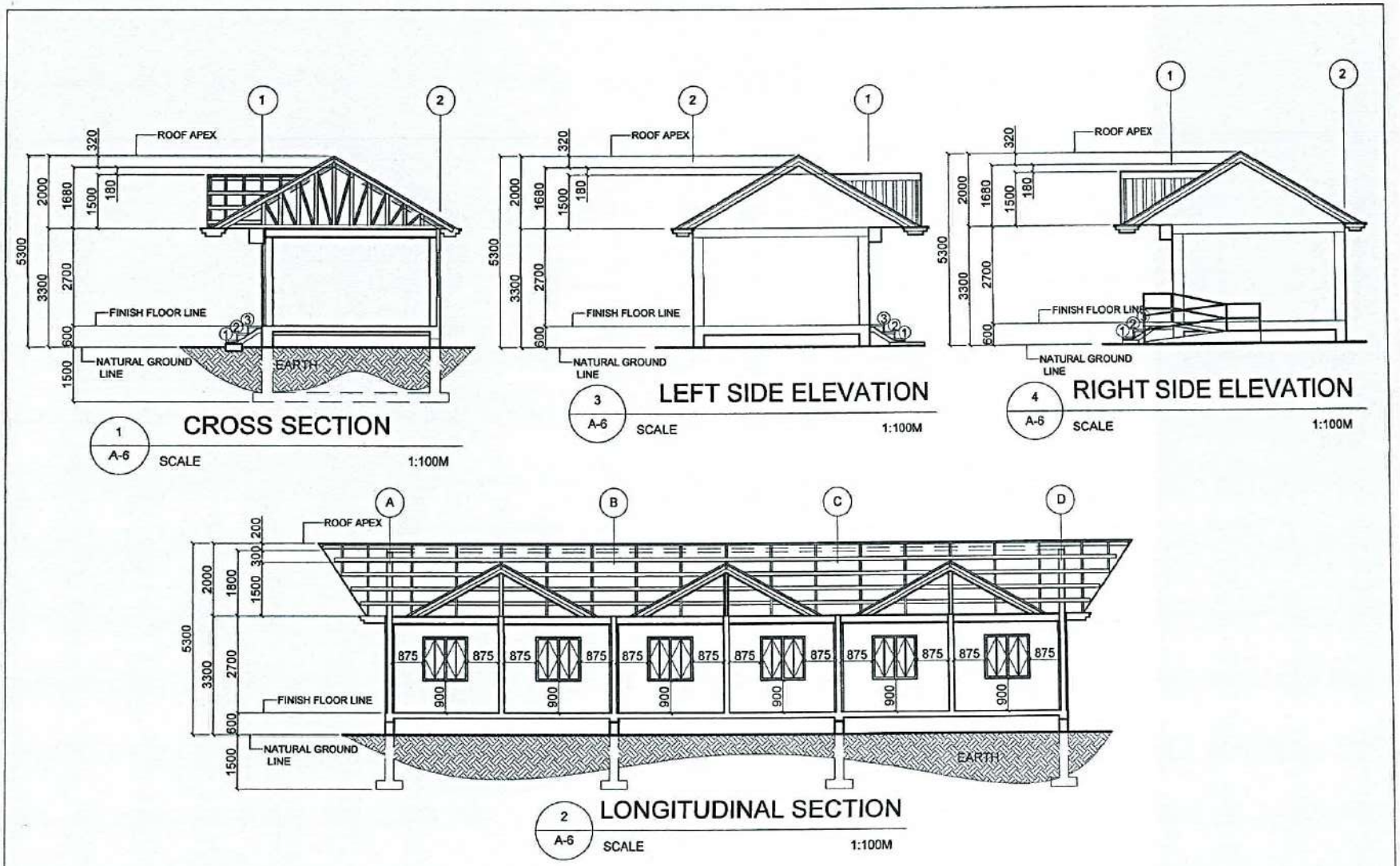
SCALE 1:100M

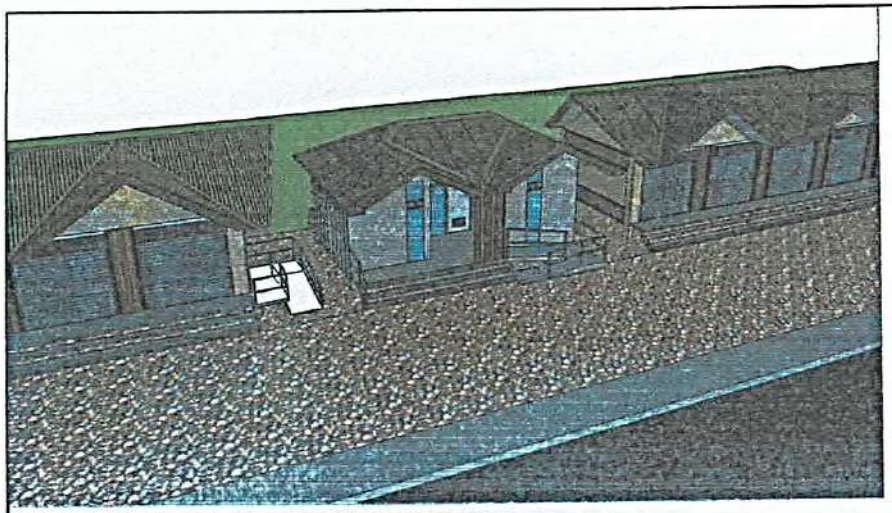


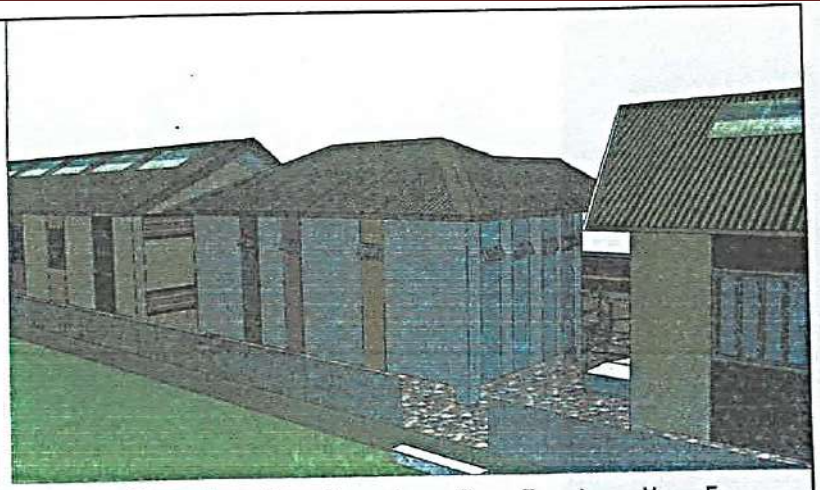

2 / A-5 REAR ELEVATION

SCALE 1:100M

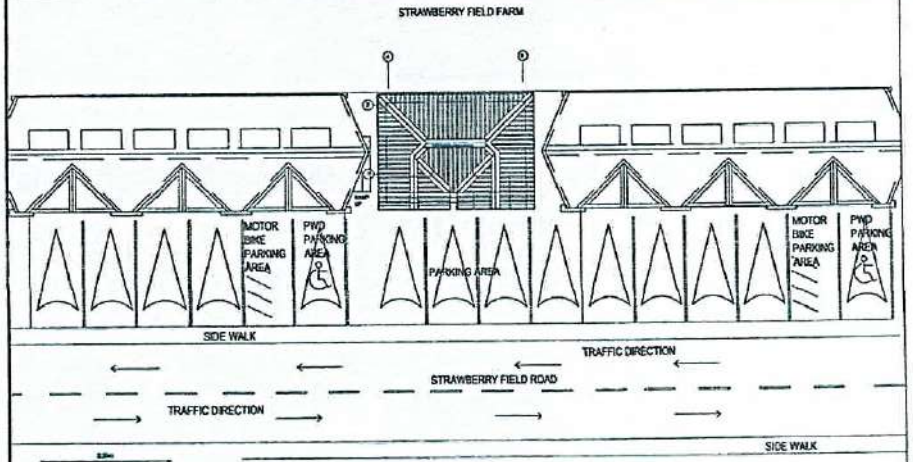
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PREPARED BY: EPHHRAIM G. DORIA | CONFORMED: NORMA P. EANANIA, VP FOR BUSINESS AFFAIRS | PROPOSED BSU STRAWBERRY FIELD STALLS | | BENGUET STATE UNIVERSITY | ENDORSED BY: MELVIN JOHN M. AROMIN, DIRECTOR PLANNING AND DEVELOPMENT OFFICE; ALLAN C. SACPA, VICE PRESIDENT FOR ADMINISTRATION AND FINANCE | APPROVED: PERFECTO SALAING COMILA, UNIVERSITY PRESIDENT | REVISION: / REMARKS: / PG CONTENT: AS SHOWN | SHEET NO. A 5 |
| DATE: | END USER | PROJECT TITLE: | | OWNER: | | | | |

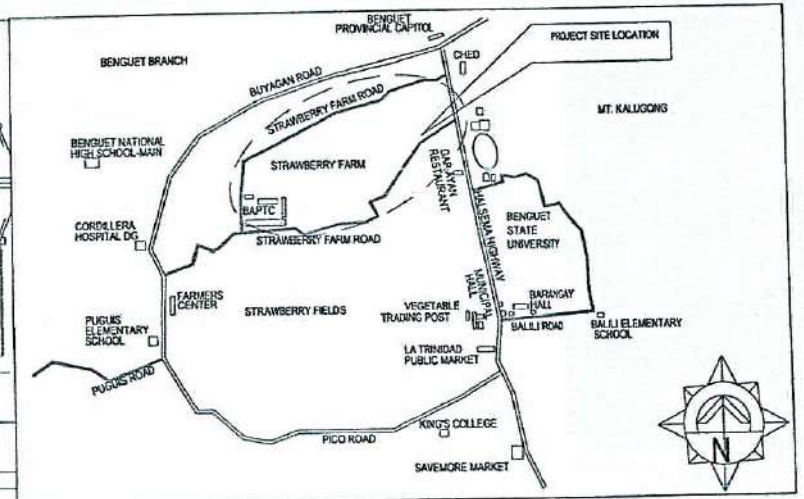

ROOF APEX
FINISH FLOOR LINE
NATURAL GROUND LINE
EARTH
CROSS SECTION
SCALE 1:100M
LEFT SIDE ELEVATION
SCALE 1:100M
RIGHT SIDE ELEVATION
SCALE 1:100M
LONGITUDINAL SECTION
SCALE 1:100M
PROPOSED BSU STRAWBERRY FIELD STALLS
PROJECT TITLE:
BENGUET STATE UNIVERSITY
OWNER:
PREPARED BY:
EPHHRAIM G. DORIA
DATE:
CONFORMED:
NORMA P. BANANIA
VP FOR BUSINESS AFFAIRS
END-USER
ENDORSED BY:
MELVIN JOHN III. AROMIN
DIRECTOR PLANNING AND DEVELOPMENT OFFICE
ALLAN C. SACPA
VICE PRESIDENT FOR ADMINISTRATION AND FINANCE
APPROVED:
FELIPE SALAING COMILA
UNIVERSITY PRESIDENT
REVISION:
REMARKS:
PG CONTENT:
AS SHOWN
SHEET NO.
A 6





PERSPECTIVE




VICINITY MAP

SCALE N.T.S.

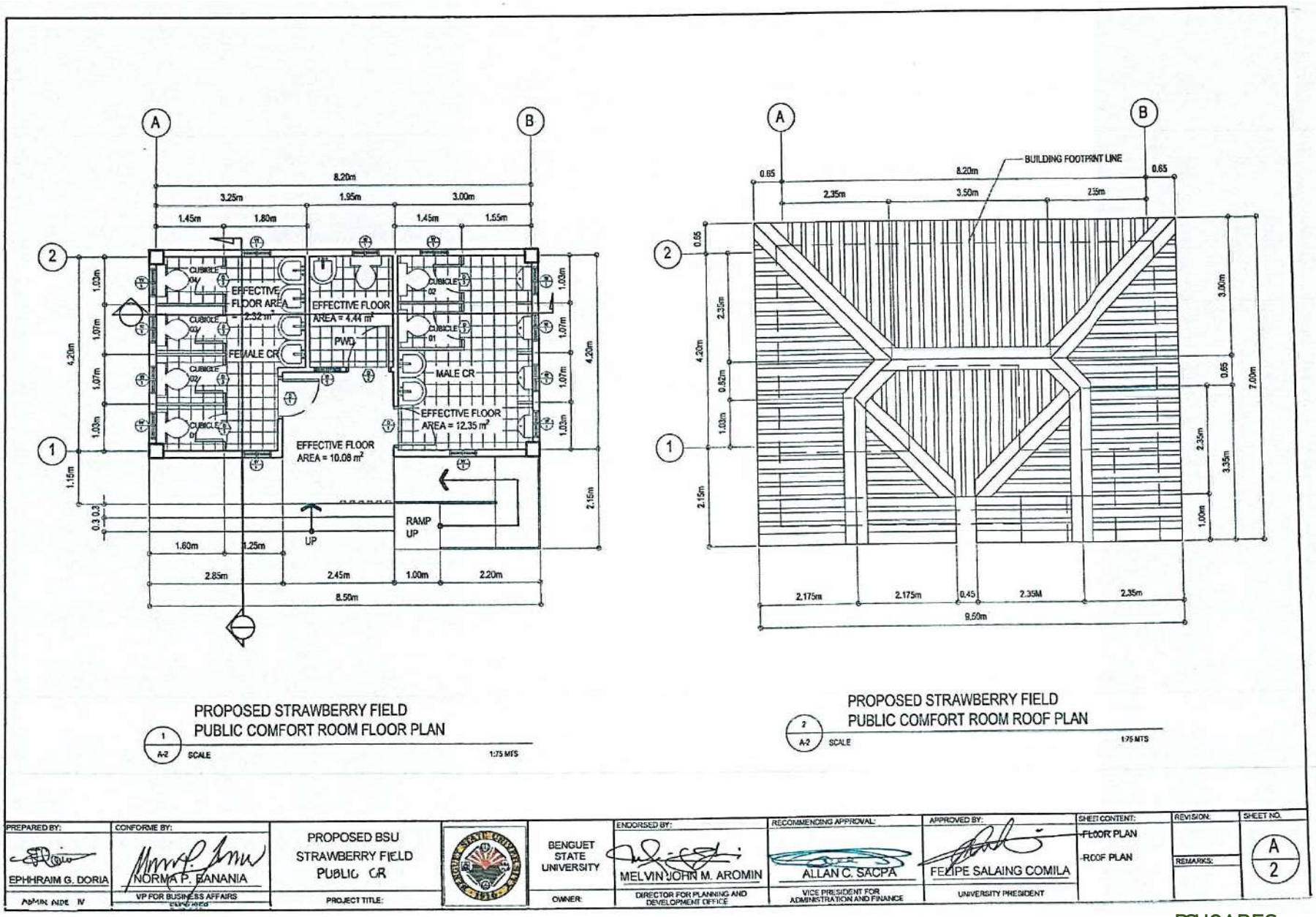
EFFECTIVE FLOOR AREA = 39.19 m²

BUILDING AREA
= 8.5m X 4.5m
= 53.13 SQ.M.

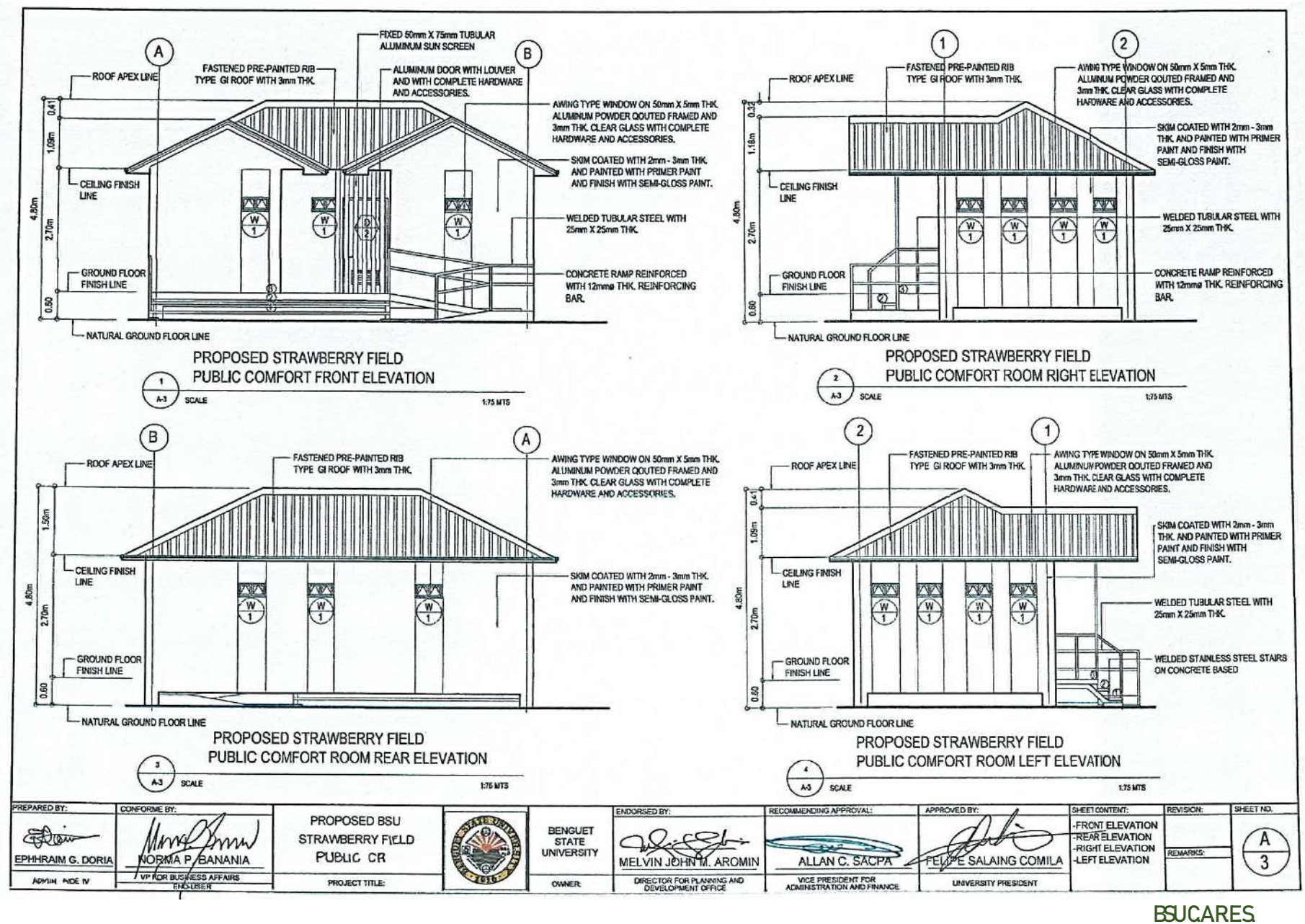
PROPOSED STRAWBERRY FIELD PUBLIC RESTROOM SITE DEVELOPMENT PLAN

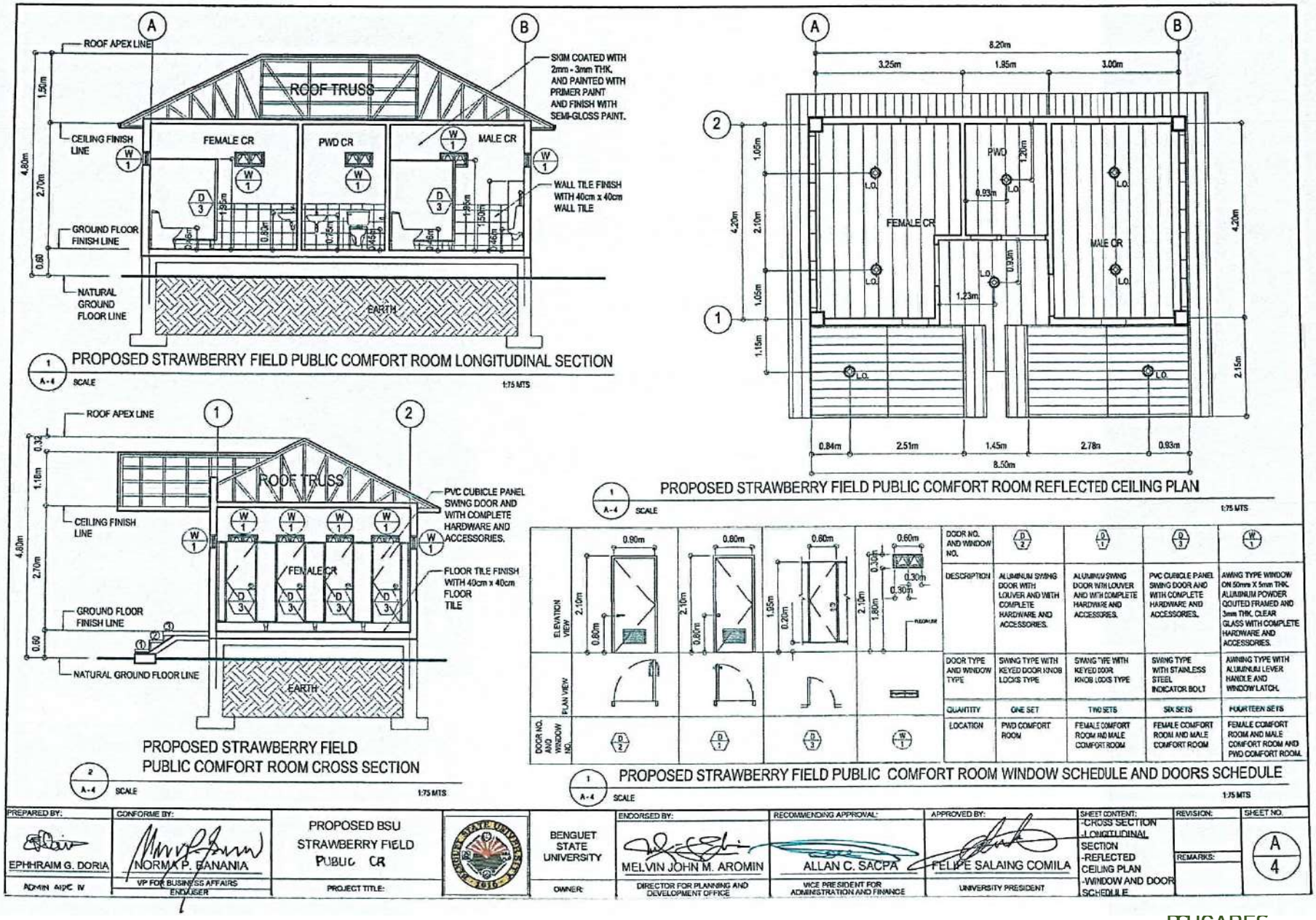
SCALE N.T.S.

| PREPARED BY: | CONFORMED: | | | ENDORSED BY: | RECOMMENDING APPROVAL: | APPROVED: | REVISION: | SHEET NO. |
|---|---|---|---|---|---|---|---|---|
| EPHHRAIM G. DORIA | NORMA P. BANANIA | PROPOSED BSU STRAWBERRY FIELD PUBLIC CR | BENGUET STATE UNIVERSITY | MELVIN JOHN M. AROMIN | ALLAN C. SACPA | FELIPE SALAING COMILA | REMARKS: | A 1 |
| ADMIN AIDE IV | VP FOR BUSINESS AFFAIRS, END-USER | PROJECT TITLE | OWNER | DIRECTOR FOR PLANNING AND DEVELOPMENT OFFICE | VICE PRESIDENT FOR ADMINISTRATION AND FINANCE | UNIVERSITY PRESIDENT | PG CONTENT: AS SHOWN | |




| PREPARED BY: | CONFORME BY: | | | ENDORSED BY: | RECOMMENDING APPROVAL: | APPROVED BY: | SHEET CONTENT: | REVISION: | SHEET NO. |
|---|---|---|---|---|---|---|---|---|---|
| EPHHRAIM G. DORIA<br>ADMIN AIDE IV | NORMA P. BANANIA<br>VP FOR BUSINESS AFFAIRS | PROPOSED BSU STRAWBERRY FIELD PUBLIC CR<br>PROJECT TITLE: | BENGUET STATE UNIVERSITY<br>OWNER: | MELVIN JOHN M. AROMIN<br>DIRECTOR FOR PLANNING AND DEVELOPMENT OFFICE | ALLAN C. SACPA<br>VICE PRESIDENT FOR ADMINISTRATION AND FINANCE | FELIPE SALAING COMILA<br>UNIVERSITY PRESIDENT | FLOOR PLAN<br>ROOF PLAN | REMARKS: | A<br>2 |


A
B
FIXED 50mm X 75mm TUBULAR ALUMINUM SUN SCREEN
ROOF APEX LINE
FASTENED PRE-PAINTED RIB TYPE GI ROOF WITH 3mm THK.
ALUMINUM DOOR WITH LOUVER AND WITH COMPLETE HARDWARE AND ACCESSORIES.
AWING TYPE WINDOW ON 50mm X 5mm THK. ALUMINUM POWDER QOUTED FRAMED AND 3mm THK. CLEAR GLASS WITH COMPLETE HARDWARE AND ACCESSORIES.
SKIM COATED WITH 2mm - 3mm THK. AND PAINTED WITH PRIMER PAINT AND FINISH WITH SEMI-GLOSS PAINT.
CEILING FINISH LINE
WELDED TUBULAR STEEL WITH 25mm X 25mm THK.
GROUND FLOOR FINISH LINE
CONCRETE RAMP REINFORCED WITH 12mmø THK. REINFORCING BAR.
NATURAL GROUND FLOOR LINE
4.80m
2.70m
1.09m
0.41
0.60
PROPOSED STRAWBERRY FIELD
PUBLIC COMFORT FRONT ELEVATION
1
A-3
SCALE
1:75 MTS
1
2
ROOF APEX LINE
FASTENED PRE-PAINTED RIB TYPE GI ROOF WITH 3mm THK.
AWING TYPE WINDOW ON 50mm X 5mm THK. ALUMINUM POWDER QOUTED FRAMED AND 3mm THK. CLEAR GLASS WITH COMPLETE HARDWARE AND ACCESSORIES.
SKIM COATED WITH 2mm - 3mm THK. AND PAINTED WITH PRIMER PAINT AND FINISH WITH SEMI-GLOSS PAINT.
CEILING FINISH LINE
WELDED TUBULAR STEEL WITH 25mm X 25mm THK.
GROUND FLOOR FINISH LINE
CONCRETE RAMP REINFORCED WITH 12mmø THK. REINFORCING BAR.
NATURAL GROUND FLOOR LINE
4.80m
2.70m
1.18m
0.32
0.60
PROPOSED STRAWBERRY FIELD
PUBLIC COMFORT ROOM RIGHT ELEVATION
2
A-3
SCALE
1:75 MTS
B
A
ROOF APEX LINE
FASTENED PRE-PAINTED RIB TYPE GI ROOF WITH 3mm THK.
AWING TYPE WINDOW ON 50mm X 5mm THK. ALUMINUM POWDER QOUTED FRAMED AND 3mm THK. CLEAR GLASS WITH COMPLETE HARDWARE AND ACCESSORIES.
SKIM COATED WITH 2mm - 3mm THK. AND PAINTED WITH PRIMER PAINT AND FINISH WITH SEMI-GLOSS PAINT.
CEILING FINISH LINE
GROUND FLOOR FINISH LINE
NATURAL GROUND FLOOR LINE
4.80m
2.70m
1.50m
0.60
PROPOSED STRAWBERRY FIELD
PUBLIC COMFORT ROOM REAR ELEVATION
3
A-3
SCALE
1:75 MTS
2
1
ROOF APEX LINE
FASTENED PRE-PAINTED RIB TYPE GI ROOF WITH 3mm THK.
AWING TYPE WINDOW ON 50mm X 5mm THK. ALUMINUM POWDER QOUTED FRAMED AND 3mm THK. CLEAR GLASS WITH COMPLETE HARDWARE AND ACCESSORIES.
SKIM COATED WITH 2mm - 3mm THK. AND PAINTED WITH PRIMER PAINT AND FINISH WITH SEMI-GLOSS PAINT.
CEILING FINISH LINE
WELDED TUBULAR STEEL WITH 25mm X 25mm THK.
GROUND FLOOR FINISH LINE
WELDED STAINLESS STEEL STAIRS ON CONCRETE BASED
NATURAL GROUND FLOOR LINE
4.80m
2.70m
1.09m
0.41
0.60
PROPOSED STRAWBERRY FIELD
PUBLIC COMFORT ROOM LEFT ELEVATION
4
A-3
SCALE
1:75 MTS
PREPARED BY:
EPHHRAIM G. DORIA
ADMIN AIDE IV
CONFORME BY:
NORMA P. BANANIA
VP FOR BUSINESS AFFAIRS
END-USER
PROPOSED BSU STRAWBERRY FIELD PUBLIC CR
PROJECT TITLE:
BENGUET STATE UNIVERSITY
OWNER
ENDORSED BY:
MELVIN JOHN M. AROMIN
DIRECTOR FOR PLANNING AND DEVELOPMENT OFFICE
RECOMMENDING APPROVAL:
ALLAN C. SACPA
VICE PRESIDENT FOR ADMINISTRATION AND FINANCE
APPROVED BY:
FELIPE SALAING COMILA
UNIVERSITY PRESIDENT
SHEET CONTENT:
-FRONT ELEVATION
-REAR ELEVATION
-RIGHT ELEVATION
-LEFT ELEVATION
REVISION:
REMARKS:
SHEET NO.
A
3




| DOOR NO. AND WINDOW NO. | D 2 | D 1 | D 3 | W 1 |
|---|---|---|---|---|
| DESCRIPTION | ALUMINUM SWING DOOR WITH LOUVER AND WITH COMPLETE HARDWARE AND ACCESSORIES. | ALUMINUM SWING DOOR WITH LOUVER AND WITH COMPLETE HARDWARE AND ACCESSORIES. | PVC CUBICLE PANEL SWING DOOR AND WITH COMPLETE HARDWARE AND ACCESSORIES. | AWNING TYPE WINDOW ON 50mm X 5mm THK. ALUMINUM POWDER COUTED FRAMED AND 3mm THK. CLEAR GLASS WITH COMPLETE HARDWARE AND ACCESSORIES. |
| DOOR TYPE AND WINDOW TYPE | SWING TYPE WITH KEYED DOOR KNOB LOCKS TYPE | SWING TYPE WITH KEYED DOOR KNOB LOCKS TYPE | SWING TYPE WITH STAINLESS STEEL INDICATOR BOLT | AWNING TYPE WITH ALUMINUM LEVER HANDLE AND WINDOW LATCH. |
| QUANTITY | ONE SET | TWO SETS | SIX SETS | FOURTEEN SETS |
| LOCATION | PWD COMFORT ROOM | FEMALE COMFORT ROOM AND MALE COMFORT ROOM | FEMALE COMFORT ROOM AND MALE COMFORT ROOM | FEMALE COMFORT ROOM AND MALE COMFORT ROOM AND PWD COMFORT ROOM. |

MDP

| CIRCUIT NO. | TYPE | QTY. | SWITCH | VOLTS | AMPS | V.A. | PROTECTION I TRIP | PROTECTION P | PROTECTION KAIC | WIRE SIZE mm² | CONDUIT SIZE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CKT. 01 | LED LIGHTING 12-36 W | 8 | 4 | 230 | 1.25 | 288 | 15 AT | 2 | 10 | 2 - 3.0 mm² THHN | 15 mm Ø PVC |
| CKT. 02 | SPARE | | | | | | | | | | |
| CKT. 03 | SPARE | | | | | | | | | | |
| CKT. 04 | SPARE | | | | | | | | | | |
| | | | | | | | | | | | |
| | TOTAL | 8 | 4 | 230 | 1.25 | 288 | 15 AT | 2 | 10 | 2 - 3.5 mm² THHN | 15 mm Ø PVC |

COMPUTATIONS:

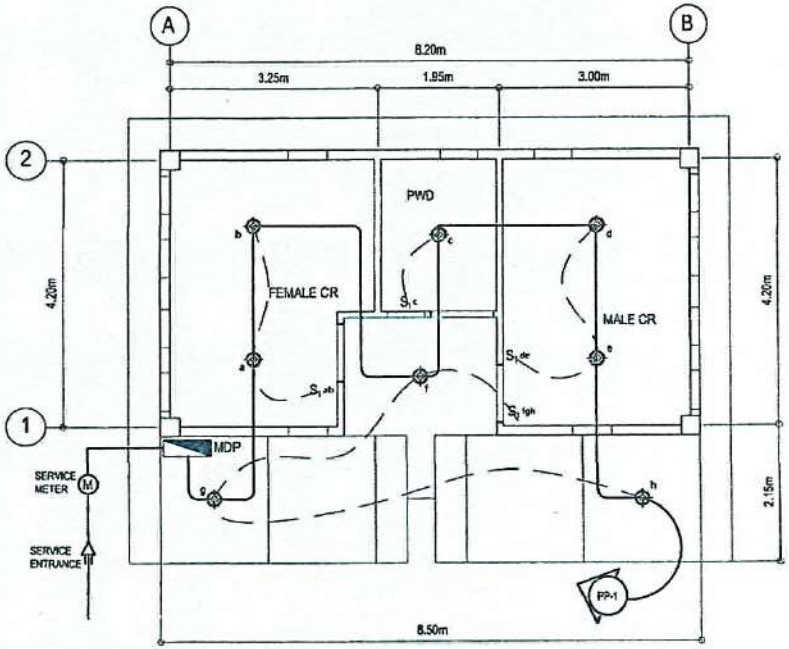
TOTAL CONNECTED LOAD = 288 V.A.

$I_{TOTAL}$ AT 80 % D.F. = ( 288 V.A. / 230 VOLTS ) X 0.8 = 1 AMPERE

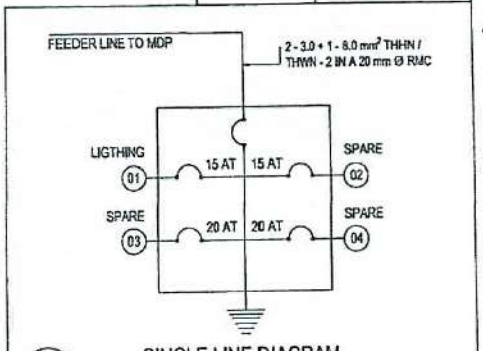
USE: $30_{AT}$, 2P, 240 V, 10 KAIC FOR MAIN SERVICE PROTECTION, 2 - 3.5 mm² THHN. FOR SERVICE ENTRANCE

$I_{TOTAL}$ = ((1 AMP. X 230 V) / 1000 ) X 120% = 0.276 K.V.A.

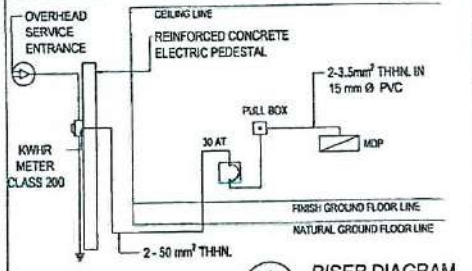
USE: 37.5 K.V.A. DIST'N TRANSFORMER (IF REQUIRED)




1 E SCALE 1:75 MTS — PROPOSED STRAWBERRY FIELD PUBLIC COMFORT ROOM LIGHTING LAYOUT




1 E SCALE N.T.S — SINGLE LINE DIAGRAM




1 E SCALE N.T.S — RISER DIAGRAM

L E G E N D

| | |
|---|---|
| | PIN LIGHT OUTLET |
| $S_1$ | SINGLE SWITCH |
| MDP | MAIN DISTRIBUTION PANEL BOARD |
| M | SERVICE METER |
| | SERVICE ENTRANCE |
| PP | HOME RUN DIRECT TO THE PANEL BOARD |

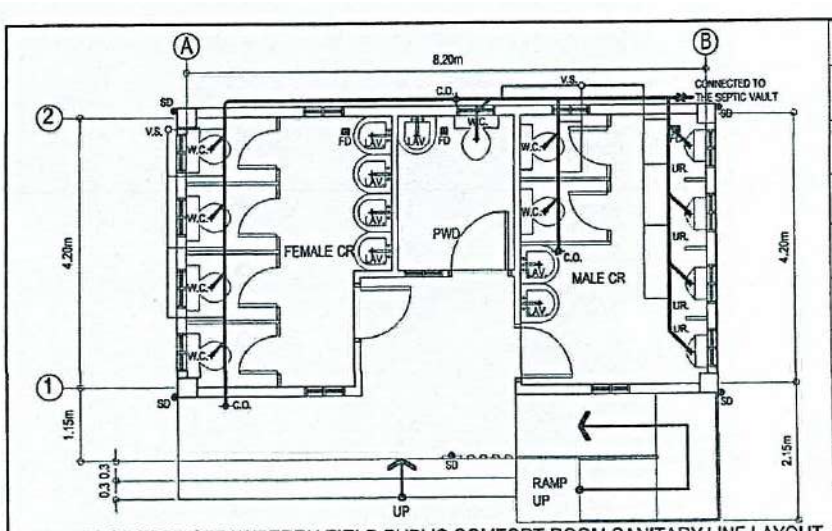
GENERAL NOTES:

1. ALL ELECTRICAL WORKS SHALL COMPLY IN ACCORDANCE WITH THESE PLANS AND SPECIFICATIONS. THE APPLICABLE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE (PEC).

   THE RULES AND REGULATIONS OF THE LOCAL ENFORCING AUTHORITY AND THE REQUIREMENTS OF THE LOCAL POWER COMPANY.

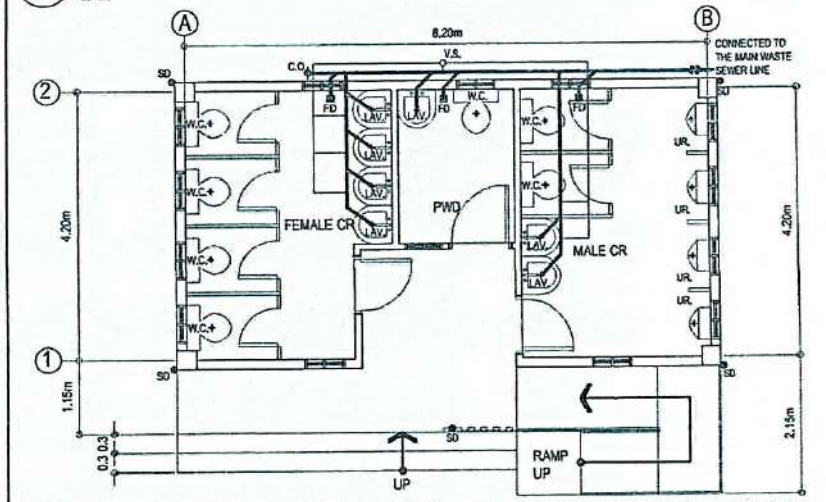
   THE ELECTRICAL WORKS SHALL BE UNDER IMMEDIATE SUPERVISION OF A DULLY REGISTERED ELECTRICAL ENGINEER.
2. THE ELECTRICAL SERVICE POWER IS 1 - PHASE, 2 WIRE + GROUND 230 V AC, 60Hz.
3. WIRING METHOD SHALL BE AS FOLLOWS :
   a. FEEDERS AND RISERS - RIGID STEEL CONDUIT
   b. LIGHTING, POWER RECEPTACLE BRANCH CKT., & AUXILIARY - POLYVINYL CHLORIDE CONDUIT
4. ALL WIRES SHALL BE COPPER AND THERMOPLASTIC INSULATED TYPE "THHN" UNLESS OTHERWISE INDICATED IN THE PLAN. THE MINIMUM SIZE OF WIRE FOR POWER AND LIGHTING CIRCUIT HOMERUN SHALL BE 3.5 mm AND INSULATED FOR 600 VOLTS. SMALLEST RACEWAY SHALL BE 15 mm TRADE/NOMINAL SIZE.LIKEWISE ALL ELECTRICAL WIRES SHALL BE COLOR CODED.
5. ALL OUTLET BOXES SHALL BE GALVANIZED GAGE NO. 16 DEEP TYPE WITH FACTORY KNOCKOUTS.
6. ALL MATERIALS TO BE USED SHALL BE BRAND NEW AND APPROVED TYPE FOR THE PARTICULAR LOCATION AND PURPOSE OF USAGE.
7. EQUIPMENT GROUNDING SYSTEM SHALL BE PROVIDED TO ELECTRICAL SYSTEM AS PER ELECTRICAL CODE REQUIREMENT.
8. MOUNTING HEIGHT OF WIRING DEVICES SHALL BE AS FOLLOWS :
   a. LIGHT SWITCH - 1.20 M ABOVE FINISHED FLOOR
   b. CONVENIENCE OUTLET - 0.30 M ABOVE FINISHED FLOOR
   c. PANEL BOARD - 1.80 M ABOVE FINISHED FLOOR
   d. FIRE ALARM STATION OUTLET - 1.50 ABOVE FINISHED FLOOR
   e. PUSH BOTTON OUTLET - 1.20 M ABOVE FINISHED FLOOR
   f. FIRE ALARM AND VIBRATING BELL - 0.30 M BELOW CEILING LINE
   g. ACCU(3-TONNNER) OUTLETS - 1.6M ABOVE FINISH FLOOR
   h. ABOVE THE COUNTER RECEPTACLE OUTLETS - 0.25 M ABOVE THE COUNTER

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| PREPARED BY: EPHHRAIM G. DORIA, Admin Asst IV | CONFORME BY: NORMA P. BANANIA, VP FOR BUSINESS AFFAIRS | PROPOSED BSU STRAWBERRY FIELD PUBLIC CR — PROJECT TITLE | BENGUET STATE UNIVERSITY — OWNER | ENDORSED BY: MELVIN JOHN M. AROMIN, DIRECTOR FOR PLANNING AND DEVELOPMENT OFFICE | RECOMMENDING APPROVAL: ALLAN C. SACPA, VICE PRESIDENT FOR ADMINISTRATION AND FINANCE | APPROVED BY: FELIPE SALAING COMILA, UNIVERSITY PRESIDENT | SHEET CONTENT: -LIGHTING LAYOUT -GENERAL NOTES -SINGLE LINE DIAGRAM -RISER DIAGRAM -ELECTRICAL LEGEND | REVISION: / REMARKS: | SHEET NO. E 1 |




1 P-1 SCALE 1:75 MTS

PROPOSED STRAWBERRY FIELD PUBLIC COMFORT ROOM SANITARY LINE LAYOUT



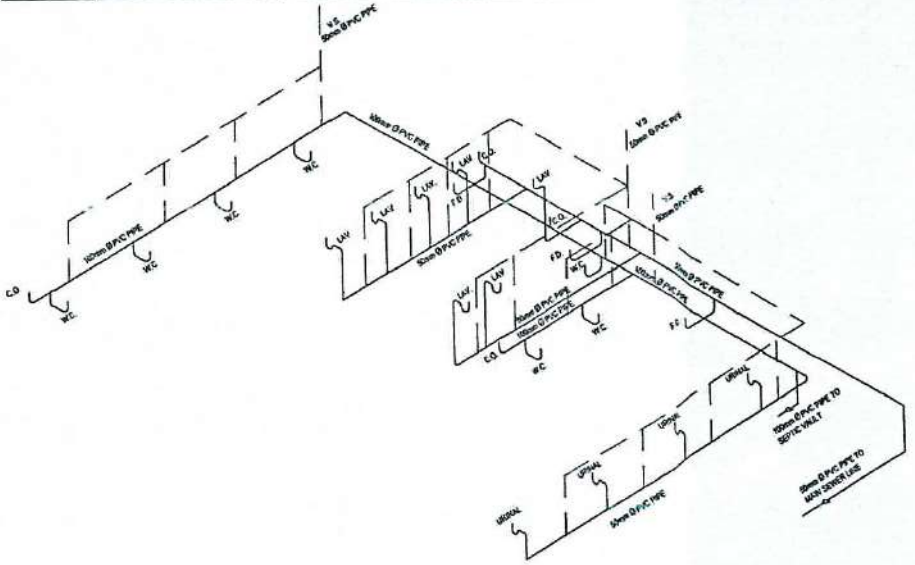

2 P-1 SCALE 1:75 MTS

PROPOSED STRAWBERRY FIELD PUBLIC COMFORT ROOM WASTE LINE LAYOUT

| L E G E N D | |
|---|---|
| W.C. | WATER CLOSET/TOILET |
| URINAL | URINAL |
| LAV. | LAVATORY |
| FD | FLOOR DRAIN |
| C.O. | CLEAN-OUT |
| SD | STORM DRAIN |
| V.S. | VENT STACK |
| | FLOW DIRECTION |

GENERAL NOTES:

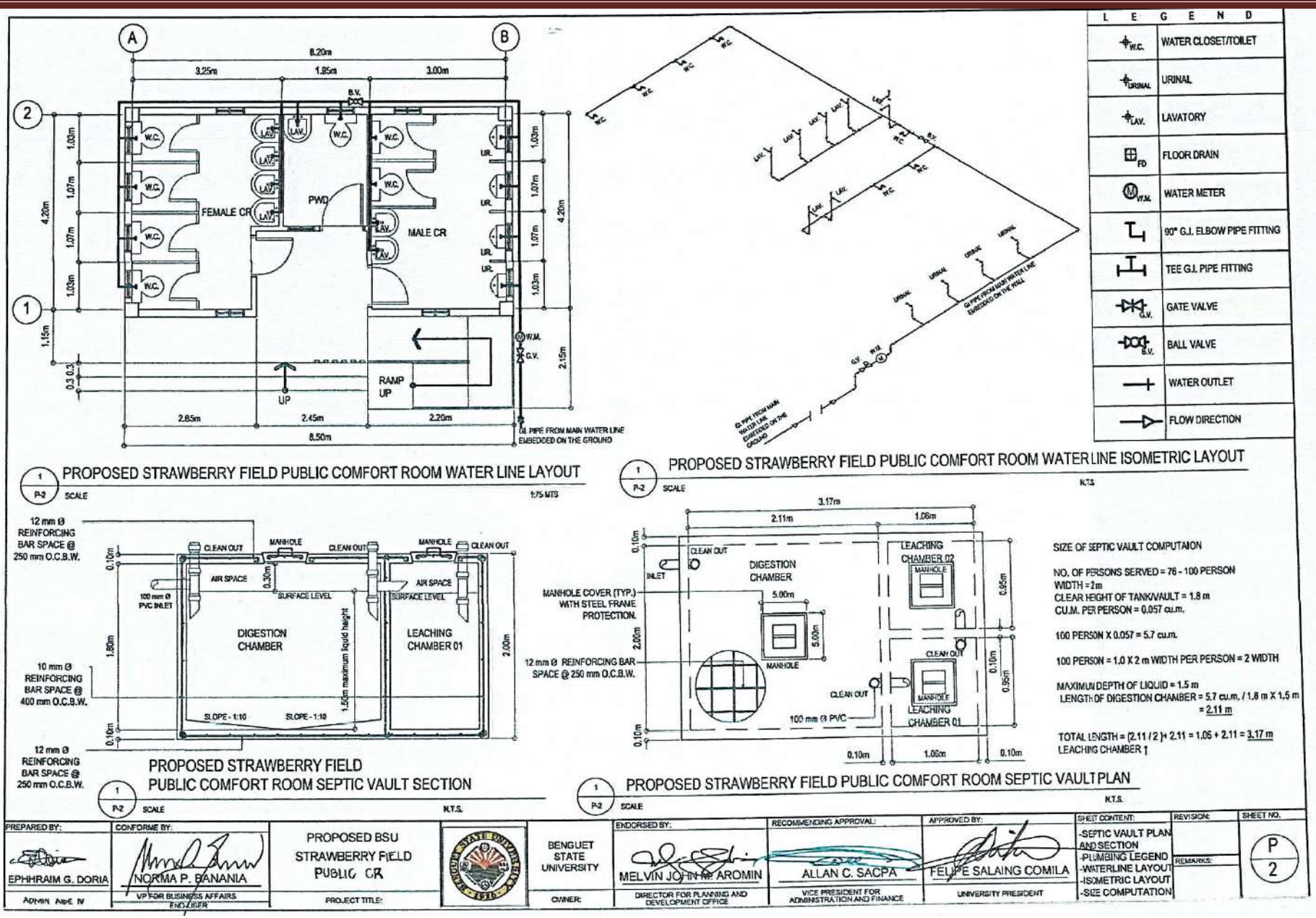
1. ALL PLUMBING WORKS INCLUDED HEREIN SHALL BE EXECUTED IN ACCORDANCE WITH THE PROVISION OF THE PHILIPPINE PLUMBING CODE, THE NATIONAL BUILDING CODE.
2. ALL DRAWINGS AND SPECIFICATIONS SHALL BE CORRECTLY REVIEWED BY THE CONTRACTOR AND THE PROJECT MANAGER SHALL IMMEDIATELY BE INFORMED IN CASE OF DISCREPANCY FOUND HEREIN.
4. ALL PIPES SHALL BE INSTALLED AS INDICATED IN THE PLANS. ANY RELOCATION REQUIRED FOR PROPER EXECUTION OF OTHER TRADES SHALL WILL BE WITH PRIOR APPROVAL OF OF THE PROJECT MANAGER.
5. ALL MAINTENANCE FITTINGS SUCH AS GATE VALVES, BALL VALVES, UNIONS, CLEANOUTS, SHALL BE EXPOSED AND ACCESSIBLE. ALL CLEANOUTS SHALL BE FLUSH MOUNTED TO FLOOR OR WALL AS INDICATED IN THE PLANS.
6. NO PIPE SHALL BE EMBEDDED IN STRUCTURAL MEMBERS UNLESS OTHERWISE SPECIFIED OR ALLOWED.
7. INSTALLATION OF WATERLINE SYSTEM, PUMPS AND OTHER EQUIPMENTS SHALL ONLY BE DONE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND SPECIFICATIONS.
8. MINIMUM SLOPE FOR SEWER LINES SHALL BE 2% AND THE DRAINAGE SHALL BE 9%.
9. ALL FIXTURES SHALL BE INDIVIDUALLY VENTILATED. VENTS THRU EAVES SHALL BE DISCHARGED AT EAVES VENT SLATS. ALL VENT THRU ROOF BE PROVIDED WITH DOWNWARD ELBOWS AND SCREEN.
10. ALL ALL WORKS SHALL BE TESTED AND COMMISSIONED AS INDICATED IN THE SPECIFICATIONS PRIOR TO CONCEALING OF PIPES AND SHALL BE CONDUCTED WITH THE PRESENCE OF THE OWNER, THE DESIGNER, THE PROJECT MANAGER, THE CONTRACTOR OR THEIR DULY AUTHORIZED REPRESENTATIVES. RESULTS SHALL BE PROPERLY DOCUMENTED.
11. ALL PLUMBING WORKS SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A DULY LICENSED SANITARY ENGINEER OR MASTER PLUMBER.




1 P-1 SCALE N.T.S.

PROPOSED STRAWBERRY FIELD PUBLIC COMFORT ROOM SANITARY ISOMETRIC LAYOUT

| PREPARED BY: | CONFORME BY: | | | ENDORSED BY: | RECOMMENDING APPROVAL: | APPROVED BY: | SHEET CONTENT: | REVISION: | SHEET NO. |
|---|---|---|---|---|---|---|---|---|---|
| EPHHRAIM G. DORIA<br>ADMIN ASST IV | NORMA P. BANANIA<br>VP FOR BUSINESS AFFAIRS | PROPOSED BSU STRAWBERRY FIELD PUBLIC CR<br>PROJECT TITLE: | BENGUET STATE UNIVERSITY<br>OWNER: | MELVIN JOHN M. AROMIN<br>DIRECTOR FOR PLANNING AND DEVELOPMENT OFFICE | ALLAN C. SACPA<br>VICE PRESIDENT FOR ADMINISTRATION AND FINANCE | FELIPE SALAING COMILA<br>UNIVERSITY PRESIDENT | -SANITARY LAYOUT<br>-PLUMBING LEGEND<br>-WASTE LINE LAYOUT<br>-ISOMETRIC LAYOUT<br>-GENERAL NOTES | REMARKS: | P 1 |


A
B
1
2
8.20m
3.25m
1.85m
3.00m
4.20m
1.03m
1.07m
1.15m
0.3
2.85m
2.45m
2.20m
8.50m
FEMALE CR
PWD
MALE CR
RAMP UP
UP
W.C.
LAV.
UR.
B.V.
W.M.
G.V.
2.15m
GI PIPE FROM MAIN WATER LINE EMBEDDED ON THE GROUND
L E G E N D
W.C. WATER CLOSET/TOILET
URINAL URINAL
LAV. LAVATORY
FD FLOOR DRAIN
W.M. WATER METER
90° G.I. ELBOW PIPE FITTING
TEE G.I. PIPE FITTING
G.V. GATE VALVE
B.V. BALL VALVE
WATER OUTLET
FLOW DIRECTION
GI PIPE FROM MAIN WATER LINE EMBEDDED ON THE WALL
GI PIPE FROM MAIN WATER LINE EMBEDDED ON THE GROUND
1 P-2 SCALE 1:75 MTS
PROPOSED STRAWBERRY FIELD PUBLIC COMFORT ROOM WATER LINE LAYOUT
1 P-2 SCALE N.T.S.
PROPOSED STRAWBERRY FIELD PUBLIC COMFORT ROOM WATER LINE ISOMETRIC LAYOUT
12 mm Ø REINFORCING BAR SPACE @ 250 mm O.C.B.W.
10 mm Ø REINFORCING BAR SPACE @ 400 mm O.C.B.W.
12 mm Ø REINFORCING BAR SPACE @ 250 mm O.C.B.W.
CLEAN OUT
MANHOLE
AIR SPACE
SURFACE LEVEL
100 mm Ø PVC INLET
DIGESTION CHAMBER
LEACHING CHAMBER 01
1.80m
2.00m
0.10m
0.30m
1.50m maximum liquid height
SLOPE - 1:10
1 P-2 SCALE N.T.S.
PROPOSED STRAWBERRY FIELD PUBLIC COMFORT ROOM SEPTIC VAULT SECTION
3.17m
2.11m
1.06m
INLET
LEACHING CHAMBER 02
5.00m
0.95m
MANHOLE COVER (TYP.) WITH STEEL FRAME PROTECTION.
12 mm Ø REINFORCING BAR SPACE @ 250 mm O.C.B.W.
100 mm Ø PVC
1.00m
SIZE OF SEPTIC VAULT COMPUTAION
NO. OF PERSONS SERVED = 76 - 100 PERSON
WIDTH = 2m
CLEAR HEIGHT OF TANK/VAULT = 1.8 m
CU.M. PER PERSON = 0.057 cu.m.
100 PERSON X 0.057 = 5.7 cu.m.
100 PERSON = 1.0 X 2 m WIDTH PER PERSON = 2 WIDTH
MAXIMUM DEPTH OF LIQUID = 1.5 m
LENGTH OF DIGESTION CHAMBER = 5.7 cu.m. / 1.8 m X 1.5 m = 2.11 m
TOTAL LENGTH = (2.11 / 2 ) + 2.11 = 1.06 + 2.11 = 3.17 m
LEACHING CHAMBER 1
1 P-2 SCALE N.T.S.
PROPOSED STRAWBERRY FIELD PUBLIC COMFORT ROOM SEPTIC VAULT PLAN
PREPARED BY: EPHHRAIM G. DORIA, ADMIN ASPE. IV
CONFORME BY: NORMA P. BANANIA, VP FOR BUSINESS AFFAIRS ENDORSER
PROPOSED BSU STRAWBERRY FIELD PUBLIC CR
PROJECT TITLE:
BENGUET STATE UNIVERSITY
OWNER:
ENDORSED BY: MELVIN JOHN M. AROMIN, DIRECTOR FOR PLANNING AND DEVELOPMENT OFFICE
RECOMMENDING APPROVAL: ALLAN C. SACPA, VICE PRESIDENT FOR ADMINISTRATION AND FINANCE
APPROVED BY: FELIPE SALAING COMILA, UNIVERSITY PRESIDENT
SHEET CONTENT: -SEPTIC VAULT PLAN AND SECTION -PLUMBING LEGEND -WATERLINE LAYOUT -ISOMETRIC LAYOUT -SIZE COMPUTATION
REVISION:
REMARKS:
SHEET NO. P 2

## A. Proposed Land Uses and Land Improvements

**General Directions**

The University is progressing towards the optimum utilization of its lands. New structures will be introduced and current configuration will be modernized in order to conform to advanced standards and constantly changing demands of the environment. These structures will also accommodate the increasing population of students, faculty and staff. Technological innovations in facilities and equipment will be adopted to meet global standards.

**Key Proposals**

To further improve its strategies in elevating its standards and in protecting its constituents and properties, the University recognizes the need to redefine its current set-up by addressing the problems identified in the situational analysis. Key proposals from its sectors have been acknowledged to enhance the quality of its services and products offered to the community. Such proposals cover the expansion and improvement of existing land use and facilities; the establishment of new ones; the strategic relocation of some programs; and even the restoration of an area to serve as a BSU Heritage Park

Expansion and improvements of buildings, facilities and equipment. These shall address the increasing student population, the continuing wear and tear of facilities and equipment, the changing demands of teaching and learning experiences, as well as the need to attract students in priority programs like agriculture and allied programs. For research and extension, expansion and improvements of existing resources will enhance R&D outputs; and for income generating projects, the increase of net returns.

Establishment of new land uses, buildings, facilities and equipment. The changing environment is continuously creating new needs that necessitate the establishment of new structures. Among them is the proposed Geriatric Care Laboratory for the College of Nursing, specialized facilities for the Institute of Human Kinetics.

Relocation of programs/projects. The relocation of certain programs is an answer to the need for sub-units of an office to occupy contiguous areas for easier supervision and identity. Relocations are proposed for the CTE, income-generating projects, among others. For CTE, the Elementary Laboratory School (ELS) and Early Childhood Development Center (ECDC) will be relocated within the CTE compound for easier access and proper zoning. For the University Business Affairs (UBA) sector, relocating almost all of its Income Generating Projects (IGP) to Lot 13 (Betag and Swamp Area) is expected to bolster earning capacity because the area is being primed as a top tourist destination area of La Trinidad. Likewise, the relocation of the Poultry Laboratory Projects and other animal laboratory projects of the University to Lot 3 (Wangal Area) will free the residences near the current location of these projects from the obnoxious smell of animal manure and prevent the spread of animal borne diseases to humans.

Restoration of old facilities for productive retrospection. Aside from being pro-active for the satisfaction of future needs, it is equally important to be retrospective to learn from the rich lessons of history and in order not to repeat its errors. This is a way of honoring and remembering the glorious past of the university. For this, three parks are to be established.

A BSU Heritage Park that will conserve the remaining vestiges of BSU history shall be developed at the vicinity of the oldest building which now houses the BSU Historical Museum. This will include the restoration of three old buildings and the park in the area. The restoration will still allow maximum use of these buildings as museum, offices and classrooms, and at the same time provide a breathing space for the constituents of BSU.

A BSU Cultural Heritage Park will be developed to showcase the melting pot of Cordillera culture that sets BSU apart from the other SUCs. This is envisioned for cultural education, not onlyfor BSU constituents but for outsiders as well. It will be located at lot 1-A-1. The area approximates the conditions of typical Cordillera community like terrain and vegetation. The insect museum that has been set-up in the same area is frequently visited by students and the general public during excursions. It is easily accessible through the Pico Lamtang Road.

The development of a Centennial Park, largely inspired by the old amphitheater, is an attempt to tell the history of the University by showcasing its breakthroughs in its almost 100 years of service to the people. The Centennial Park which will create a microcosm of BSU will serve as the face of BSU to its constituents and to the general public as well.

## B. Land Usage According to Zones

In essence, the University has been established with different zones composed of the Academic zone, Research zone, Income Generating zone, Housing zone, Forested/Open Areas and others.

**Academic zone** refers to an area exclusively devoted for learning or an area used for educational purposes. This includes areas occupied by academic buildings such as College of Agriculture Building, experimental/ laboratory areas. Example of this is the College of Forestry Laboratory Area situated at Lot 9, and other similar areas.

**Research zone** pertains to an area where an activity concerned with applying the results of scientific research to develop new products and improve existing ones is conducted. A sample of research and development zone can be found at Lot 2 (Talingguroy Area) housing the Climate Smart Agricultural Research Center.

**Income-generating zone** relates to an area suitable for business operations. It is also termed as a trading area. One of the commercial strips identified by the University is part of Lot 11 (Balili Area) located along the Halsema Road wherein a McDonalds Store can be found.

**Housing zone** is an area wherein structures for dwelling predominate. University housing area can greatly be observed at Lot 19 (Betag Area) which includes the President's cottage.

**Forested/Open areas r**efers to an area of land covered with trees or other woody vegetation which includes watersheds, parks and other areas having ecological functions. This includes the parks at the main campus hub.

**"Others" zone** refers to an area which houses different government agencies. Primarily, social obligation to the community prevails rather than the monetary value derived. An example of such is the Commission on Higher Education Regional Office (CHED-CAR) office situated at Lot 14 (Cabanao, Balili Area)

# IV. PLAN IMPLEMENTATION, MONITORING AND EVALUATION

## A. Mechanisms for Implementation

**Annual Plans and Budgets**. Part of budget proposal requirements is the submission of documents that will support the operations of the university. Infrastructure projects and other land improvements of the university, being part of the institution's capital outlay expenditure programs, require the presence of a Land Use Development and Infrastructure Plan (LUDIP) which serves as a tool and reference. Annual plans and budgets will, therefore, be based on this plan.

**Operational Plans and Performance Commitments.** Activities to be reflected on the operational plans and subsequently in the performance commitment should be properly guided by this plan.

**Local and Global Partnerships**. Fund outsourcing is one of the keys for development. Looking for opportunities for local and global partnerships entails every host or every proponent to be prepared at all times. With a campus land use in place, local and global partnerships will be established in order to increase chances of implementation.

**Others**. As part of the university's commitment to the community, recognition of the role of every member is vital in the realization of the plan. This plan shall be communicated to different stakeholders so they can also assess where they can be of help.

## B. Mechanism for Plan Monitoring and Evaluation

The plan shall be reviewed regularly at the close of the third quarter using evaluation tools that are responsive to the present needs of the University. The Planning and Development Office (PDO) together with the Land Reservations Office (LRO) and the Budget Office shall spearhead in informing the administration of the projects that are readily implementable regardless of the source of funds.

Sector Vice-Presidents shall oversee the protection and full-utilization of assigned BSU lots and may form their respective committees and devise a scheme and/or policy in the usage of the aforementioned lots. All policies related to this BSU LUDIP shall form as an integral part of it until it is revoked or amended.

Moreover, the Public Investment Program (PIP) and Three-Year Public Investment Program (TRIP) lists as herein presented shall be continuously updated by the University Planning Unit (PU) and the Budget Office.

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# ANNEX

## APPENDIX 1. LIST OF ABBREVIATIONS USED

| | | |
|---|---|---|
| BFAR | : | Bureau of Fishery and Aquatic Resources |
| BOR | : | Board of Regents |
| BSU | : | Benguet State University |
| BSUGEA | : | Benguet State University General Employees Association |
| BSU-MPC | : | Benguet State University- Multi-Purpose Cooperative |
| BVPC | : | Benguet Vegetable Processing Center |
| CAR | : | Cordillera Administrative Region |
| CMP | : | Campus Master Plan |
| DECS | : | Department of Education, Culture and Sports |
| DAMS | : | Digital Assets Management System |
| E.O. | : | Executive Order |
| ECDC | : | Early Childhood Development Center |
| ETCS | : | Existing Levels, Trends, Comparison and Strategic Significance |
| GAP | : | Good Agricultural Practices |
| HORTI | : | Horticulture Research and Training Institute |
| IGP | : | Income Generating Project |
| JOP | : | Job Order Personnel |
| LGU | : | Local Government Unit |
| LRC | : | Land Reservation Committee |
| MFO | : | Major Final Output |
| MOA | : | Memorandum of Agreement |
| NOARDC | : | National Organic Agriculture Research and Development Center |
| NOAH | : | Nationwide Operational Assessment of Hazards |
| OBE | : | Outcome-Based Education |
| P.D. | : | Presidential Decree |
| PDP | : | Philippine Development Plan |
| PPA | : | Programs, Projects and Activities |
| PSFM | : | Problem Solution Finding Matrix |
| R.A. | : | Republic Act |
| REMO | : | Research and Extension Manual of Operations |
| SAFER-U | : | Safe and Resilient University |
| SUC | : | State, University and Colleges |
| UBA | : | University Business Affairs |
| UP-SURP | : | University of the Philippines – School of Urban and Regional Planning |
| UPRI | : | University of the Philippines Resilience Institute |

## APPENDIX 2. PHOTO DOCUMENTATIONS
## ENHANCED BSU LUDIP

April 23, 2021

Lot 3, Gayasi, Wangal, La Trinidad, Benguet

The said activity was spearheaded by the Gender and Development Office in coordination with the Land Reservation Office, Planning and Development Office, Office of the Vice President for Admin and Finance, Office for Legal Affairs, Forestry, Supply and Procurement Management Office, University Public Affairs Office, General Services Office, Security Services Office, BSU RSDC Canteen and PNP as part of the celebration of the Women's Month last March 2021.











March 27-29, 2023

Finalization of the Enhanced BSU Land Use Development and Infrastructure Plan
Bani Hidden Paradise Beach Resort,
Bani, Pangasinan

Facilitated by the PDO and LRO, a three (3) day workshop activity was conducted in order to finalize the contents of the BSU Enhanced LUDIP. The participants of the workshop include the members of the BSU LUDIP-TWG, Representatives from the Bokod and Buguias Campuses, ICT, OUR and the Pollution Control Office.







April 14, 2023

Lot 2, Talingguroy, Wangal, La Trinidad, Benguet

As part of the National Women's Month celebration, Benguet State University Gender and Development Office, in coordination with the Land Reservation Office (LRO), College of Forestry, Planning and Development Office, and Landscaping and the Philippine National Police Benguet Second Provincial Mobile Force Company spearheaded an Environmental Care and Forest Protection activity held on April 14, 2023, at the BSU Climate Smart Agriculture Center compound. Before the activity, members from the Lakas-Angkan Ministries, led by Pastor Restie Del Rosario, delivered a sermon and a prayer.

The event was participated by BSU employees and personnel of the PNP Benguet Second PMFC, headed by PLTCOL Rafael H. Tayaban. They planted bamboo seedlings, with the guidance of LRO Director Conrado C. Bao-idang, and performed a clean-up of the surroundings.







April 24, 2023

Consultation with BSU Housing beneficiaries

The PDO and LRO holding a consultative meeting with the employees having housing units located at BSU Lots 7 and 14, Cabanao, Balili, La Trinidad, Benguet. This is in relation to the proposed usage of Lot 7 which was classified as Commercial Zone in the Land Use Plan.





BSU LAND RELOCATION SURVEY







**APPENDIX 3**

Republic of the Philippines
**Benguet State University**
2601 La Trinidad, Benguet
*Office of the University President*

BAGONG PILIPINAS

February 19, 2024

**MEMORANDUM**

**To** : **Vice Presidents and Members of the Administrative Council**

**Subject** : ***Summary of the Board of Regents action during its 209th Regular Board of Regents Meeting held last February 15, 2024***

| AGENDA | BOR ACTION |
|---|---|
| **A. Matters Arising** | |
| **1. Land Use Development and Infrastructure Plan (LUDIP)** | **BOARD RESOLUTION NO. 3, s. 2024**<br>*A resolution conditionally approving the Land Use Development and Infrastructure Plan (LUDIP) subject to compliance with the suggestions of the BOR and RD Anduyan.*<br>- No presentation showing the status of illegal settlers including unauthorized structures that were not approved by the BOR.<br>- BOR is cognizant that there were no provisions indicating the status of the illegal structures and that management will take full responsibility in the future.<br>- come up with a development plan and indicate a note of what was approved and not approved by the BOR in the legend to have an overview of what has been done, and what was approved and proposed. |

The Vice Presidents are requested to ensure that copies of the summary of BOR Resolutions are furnished all units/persons concerned.

For your appropriate action.

**FELIPE SALAING COMILA**
President

*/oubs2024*

*Telephone No. +63-74-422-2281*
*Trunk line: +63-74-422-2402*
*E-mail Address: president@bsu.edu.ph*

Republic of the Philippines
Office of the President
**COMMISSION ON HIGHER EDUCATION**
***Cordillera Administrative Region***
*Championing Accessible and Relevant education services*

BAGONG PILIPINAS

RELEASED
No: TEC-010824-0035
By: Jai
Date: 01-08-24
Sent Electronically to:

**1st Endorsement**
January 8, 2024

Respectfully forwarded to the Office of, **DR. FELIPE SALAING COMILA,** President, Benguet State University, La Trinidad, Benguet, the herein copy of the Land Use and Development Plan (LUDIP) covering the three campuses of your institution. Said plan after having gone through with the series of evaluation by this Office together with the designated Regional Technical Working Group is found to be in compliance to the provision of RA 11396, CMO. 11, Series 2020, and MOED No. 684 series 2022.

As specified in the above-mentioned guidelines, the same maybe recommended for possible Board Action.

**DEMETRIO P. ANDUYAN, JR. PhD., CESE**
Director IV

RCN:
Enclosure Notation
CC Notation

***Km. 6, Cabanao, Balili, La Trinidad, Benguet, Philippines***
*Email: chedcar@ched.gov.ph; Telephone No: 422-4052/Telefax No.: 422-2418*
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***#CHEDCARes***

Republic of the Philippines
Office of the President
**COMMISSION ON HIGHER EDUCATION**
***Cordillera Administrative Region***
*Championing Accessible and Relevant education services*

BAGONG PILIPINAS

February 29, 2024

RELEASED
No: 0596
By:
Date: 03/04/2024
Sent Electronically to:

**DR. FELIPE S. COMILA**
President
Benguet State University
La Trinidad, Benguet

**Dear Pres. Comila:**

This is to acknowledge to have received copy of your enhance Land Use Development and Infrastructure(LUDIP) plan covering the period 2023-2032. We appreciate the effort of your LUDIP team in coming up with such plan incorporating therein all the suggestions made by the Regional Technical Working Group as a result of the series of evaluation that were conducted in each of your campuses.

For further improvement of your LUDIP however, we would like you to consider the following suggestions and recommendations that was pointed out during the recent Board meeting this February of 2024:

1. Identify in your LUDIP all land areas that are being rented or leased to private and/or public entities. Prepare inventory of said land holdings for both the public and private; and
2. To include the identification of land areas that are being occupied by squatters or illegal settlers and those with other claimants. Prepare inventory as well.

Thank you very much.

Very truly yours,

**DEMETRIO P. ANDUYAN, JR. Ph.D., CESE**
Director IV

*RCN: / apo.*

***Km. 6, Cabanao, Balili, La Trinidad, Benguet, Philippines***
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***Draftsman***

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**CHED - RTWG**

**DR. FELIPE SALAING COMILA**
*University President*


BENGUET STATE UNIVERSITY
1916
Benguet State University
LaTrinidad, Benguet, Philippines