THE JAGA HUB

THE JEWEL OF AGRICULTURAL AND GENERATING

AUXILLIARY OF ALBAY

PROJECT BRIEF:

LEGAZPI ALBAY IS KNOWN FOR ITS AGRICULTURE AND COASTLINES. THEY ARE KNOWN TO PRODUCE AND EXPORT COPRA AND ABACA THAT CAN BE USED AS AN ALTERNATIVE RENEWABLE RESOURCE LIKE FISHING LINES AND NETS MADE FROM ABACA FIBER. FISHING IS ALSO A MAJOR OCCUPATION DUE TO ITS RICH MARINE BIODIVERSITY: SOME EXAMPLES OF AQUATIC RESOURCES THAT CAN BE FOUND ALONG ITS SHORELINES ARE MILKFISH, GROUPER, MUD CRABS AND PRAWNS.

OUR PROJECT SITE IS LOCATED ALONG THE COASTLINES OF THE ALBAY GULF. THE SITE IS PRONE TO FLOODING AND NATURAL DISASTERS WHICH HINDERS DEVELOPMENT WITHIN THE AREA. IT IS ALSO INHABITED BY INFORMAL SETTLERS WHICH MAKES THEM VULNERABLE TO NATURAL DISASTERS ESPECIALLY TYPHOONS.

DESIGN OBJETIVES:

- 1.) TO DESIGN FACILITIES (ECOPARK, WATER TREATMENT FACILITY, DISASTER REDUCTION HUB) THAT WOULD HELP THE ECONOMIC GROWTH OF THE CITY AS WELL AS PROVIDE A SUSTAINABLE RECREATIONAL SPACE FOR THE CITIZENS TO ENJOY.
- 2.) TO PROTECT THE CITY FROM NATURAL DISASTERS BY INTEGRATING THE POWER OF NATURE (MANGROVES) WITH MODERN SOLUTIONS TO ENSURE THE SAFETY OF ITS RESIDENTS
- 3.) TO USE DIFFERENT SUSTAINABLE SOLUTIONS AND STRATEGIES LIKE VERTICAL FARMING AND AQUACULTURE TO HARVEST CROPS AND OTHER NATURAL GIFTS OF NATURE AND BOOST THE QUALITY OF LIFE AROUND THE CITY.

IAKES THEM YULNERABLE TO NATURAL DISASTERS ESPECIALLY TYPHOONS.

DESIGN CONCEPT:

J.A.G.A. (WHICH MEANS "TO GUARD OR A SENTINEL") HUB ALSO KNOWN AS THE JEWEL OF AGRICULTURAL AND GENERATING AUXILLIARY OF ALBAY IS AN ECO PARK COMPLEX AND DISASTER REDUCTION HUB DESIGNED TO PROTECT THE CITY FROM FLOODING AS WELL AS HARNESS THE POWER OF NATURE THRU THE USE OF ENERGY HARVESTING FACILITIES AND SOLUTIONS. THE PROJECT PLANS TO MAXIMIZE SURROUNDING NATURE. RIVERS AROUND THE CITY IN ORDER TO PROVIDE A NEXT GENERATION AND SELF SUSTAINABLE CITY FOR THE FUTURE.

THE SOLE PURPOSE OF JAGA IS TO DEVELOP A HUB WHICH PRIORITIZES THE SAFETY TOF ITS RESIDENTS, PROVIDE A CONSISTENT WATER SUPPLY AS WELL AS IMPROVE THEIR SOCIAL LIVELIHOOD EXPERIENCE. THE PROJECT SEEKS TO INTEGRATE A PROPOTYPE OF DISASTER REDUCTION COMPOUNDS WHERE THE AFFECTED RESIDENTS COULD STAY TEMPORARILY AFTER A DISASTER. THROUGH THE USE OF PROPER PLANNING COMBINED WITH THE NATURAL ELEMENTS OF NATURE, THIS PROPOSED HUB WILL GIVE THEM THE COMFORT AND SECURITY THEY DESERVE.

PROBLEM:

ONE OF THE MAIN PROBLEMS OF LEGAZPI IN GENERAL IS FLOODING DUE TO ITS 365KM COASTLINE AND CLOSE VICINITY TO THE MAYON VOLCANO. THIS CAUSE THE COASTLINE AREAS TO BE UNDERDEVELOPED AND IS THEREFORE CCURRENTLY SWARMED WITH STREET DWELLERS AND CONGESTED INFORMAL HOUSING. THE SITE ALSO IMPOSES A THREAT TO COMMERCIAL ECONOMIIC GROWTH DUE TO THE HAZARDOUS EFFECTS OF SUCH DISASTERS



DESIGN CONSIDEATIONS:



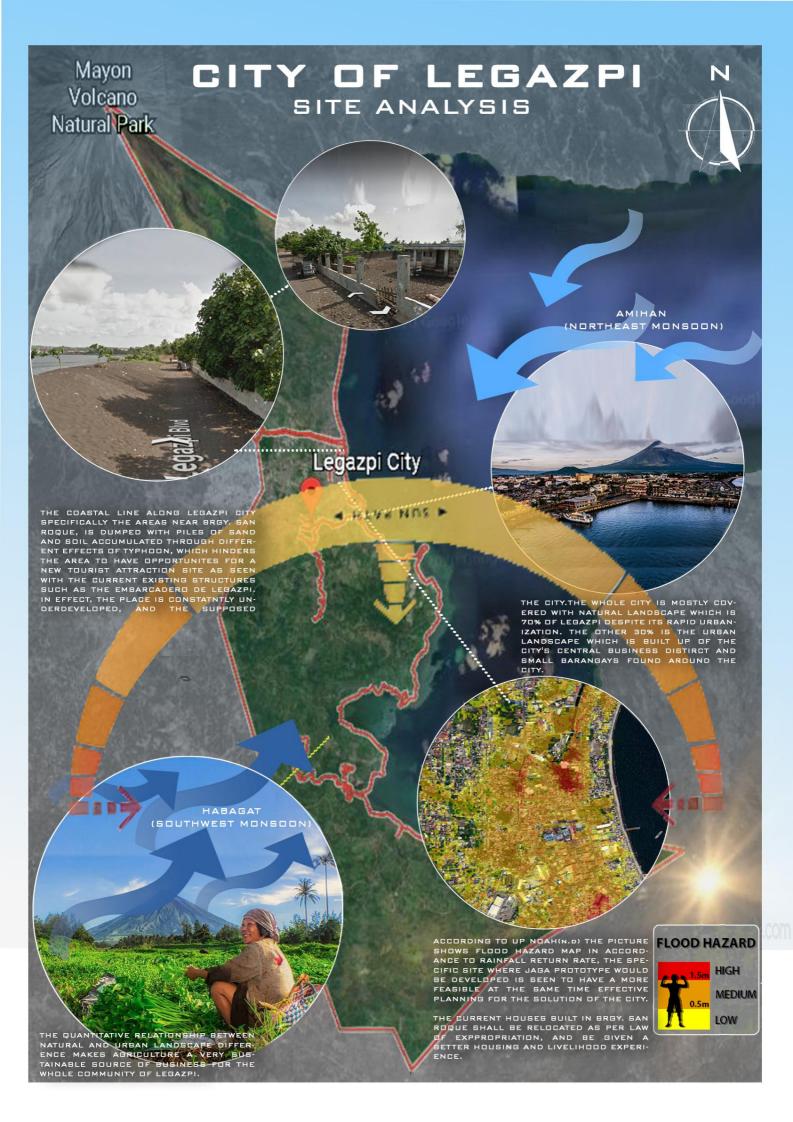
SUSTAINABILITY & AGRICULTURE



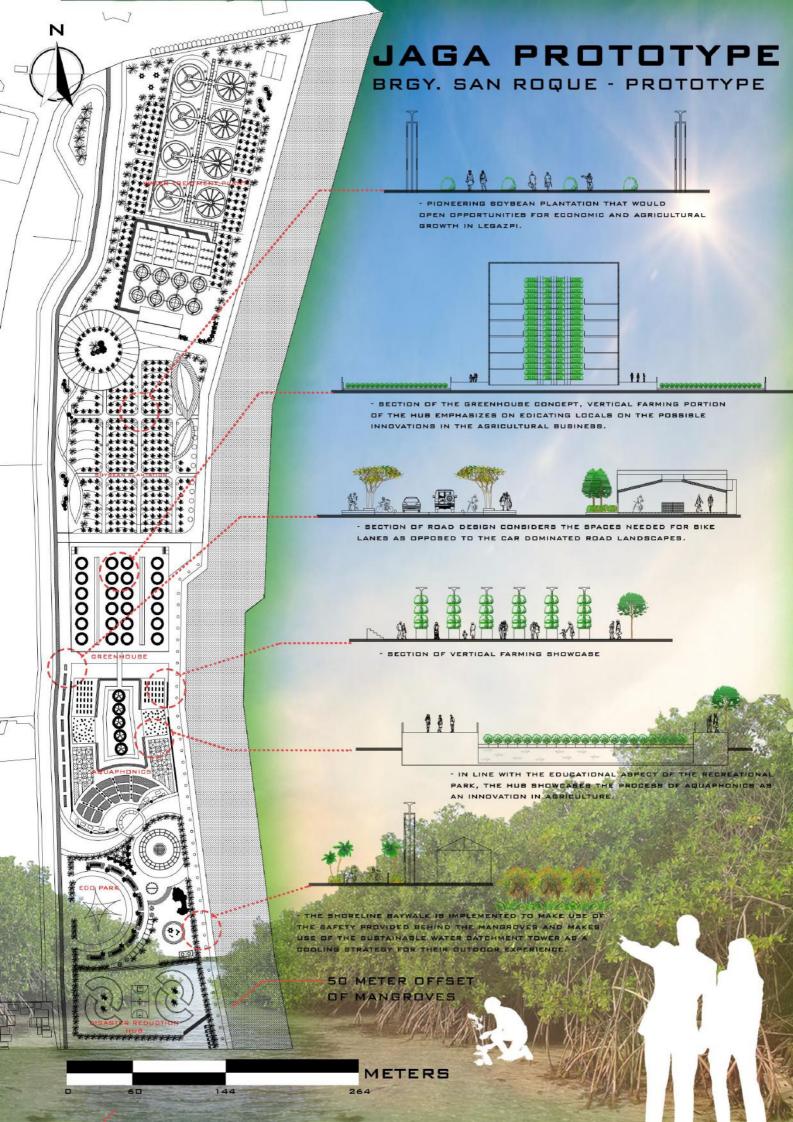
HEALTH & WELL BEING











HOUSING PROJECT

JAGA HOUSING - PROTOTYPE

THE HOUSING SOLUTION FOCUSES OF BEING ABLE TO PROVIDE THE BASIC NECESSITIES OF THE RESIDENTS THROUGH THE NEW RELOCATED SITE FOR THEIR NEIGHBORHOOD WHICH IS ROUGHLY 2.5KM AWAY FROM IT'S ORIGINAL LOCATION. THIS RELOCATION CONSIDERS BOTH THE SAFETY OF ITS DWELLERS AS WELL AS THEIR QUALITY OF LIFE THROUGH MOVING THE RESIDENTS AWAY FROM THE DANGER ZONE OF THE PREVAILING FLOODS ALONG THE SHORELINE AND AT THE SAME TIME KEEPING A CLOSE PROXIMATY WITH THE USUAL SOCIAL LOCALITIES SUCH AS SCHOOLS, CHURCHES ETC.





PERSPECTIVES





BIKE LANE & AQUAPHONICS

THE BIKE LANES AROUND THE HUB ARE DESIGNED TO COPE WITH THE SURROUNDING FACILITIES THROUGH THE USE OF GREENERY ARTICULATION OF GREENERY AND INCORPORATED BIKE LANES CREATES AN ILLUSION TO COVER UP THE WATER TREATMENT PLANT, AS REFFERED IN MICRO SITE.





GRAND WALKWAY & PLANTATION

THE SOYBEAN PLANTATION WOULD BE OPEN FOR TOURISTS TO EXPLORE THE BEAUTY OF NATURE AND RECOGNIZE THE RICH AGRICULTURAL INDUSTRY OF LEGAZPI CITY.





CO PARK - AGORA

THE PURPOSE OF THE AGORA IS TO PROVIDE A RETURN OF INVESTMENT FOR THE HUB AND A PLACE WHERE TH FARMERS COULD SELL THEIR FRESH HOMEGROWN CROPS FROM THE PLANTATIONS TO THE TOURISTS AND MAKE THEM EXPERIENCE THE TRUE ESSENCE OF COUNTRY LIVING.