ENVIRONMENTAL AWARENESS CENTRE

HAPUTALA

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10/ARC/001
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VISION

WITH THE EVOLUTION OF HUMANITY THE CONNECTION BETWEEN NATURE AND MAN HAS BECOME WEAKER. THIS IS A CHALLENGE THAT IS TAKEN TO THE FUTURE. IN ORDER TO STUDY THIS WE NEED TO CREATE AN ENVIRONMENT WHERE WE CAN LIVE AND LEARN WITH THE HARMONY OF THE SURROUNDINGS. THIS WILL NOT ONLY BENEFIT THE ENVIRONMENT BUT ALSO THE PARTICULAR COMMUNITY. THE BEST WAY IS TO PROVIDE THEM WITH AN ENVIRONMENT WHERE THEY CAN LEARN AND LIVE AT CONTINUOUS.

MISSION

TO PROVIDE THE OPPORTUNITY FOR THE BUREAUCRATIC IT WOULD BE NECESSARY TO CREATE AN ENVIRONMENT WHERE THEY CAN LEARN AND LIVE. THIS WILL NOT ONLY BENEFIT THE ENVIRONMENT BUT ALSO THE PARTICULAR COMMUNITY. THE BEST WAY IS TO PROVIDE THEM WITH AN ENVIRONMENT WHERE THEY CAN LEARN AND LIVE AT CONTINUOUS.

KNOWLEDGE

TO PROVIDE THE OPPORTUNITY FOR THE BUREAUCRATIC IT WOULD BE NECESSARY TO CREATE AN ENVIRONMENT WHERE THEY CAN LEARN AND LIVE. THIS WILL NOT ONLY BENEFIT THE ENVIRONMENT BUT ALSO THE PARTICULAR COMMUNITY. THE BEST WAY IS TO PROVIDE THEM WITH AN ENVIRONMENT WHERE THEY CAN LEARN AND LIVE. THIS WILL NOT ONLY BENEFIT THE ENVIRONMENT BUT ALSO THE PARTICULAR COMMUNITY. THE BEST WAY IS TO PROVIDE THEM WITH AN ENVIRONMENT WHERE THEY CAN LEARN AND LIVE. THIS WILL NOT ONLY BENEFIT THE ENVIRONMENT BUT ALSO THE PARTICULAR COMMUNITY. THE BEST WAY IS TO PROVIDE THEM WITH AN ENVIRONMENT WHERE THEY CAN LEARN AND LIVE.

CLIMATIC DATA

TEMPERATURE(C)

RAINFALL(MM)

DAY LIGHT

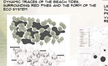
PRECEDENT STUDY

FUNCTIONS AND SPATIAL PLANNING

DESIGN RESEARCH & REHABILITATION CENTRE FOR SEA TURTLES

INSPIRED BY THE ORGANICALLY CURVED AND DYNAMIC SHAPES OF THE SHELLS OF THE SURROUNDING RED TYRES AND THE FORM OF THE TURTLE

LISTEN TO THE SOUND OF THE WAVES AND PRESERVE LOCAL RESOURCES



MOVING WITHIN THE GOODS TO PRESERVE THE SPECIES OF TURTLES AND ENCOURAGE VISITORS TO EDUCATE AND MOTIVATE THE VOLUNTEERS, OWNERS AND RESEARCHERS

FUNCTIONS AS ISOLATED UNITS BUT CONNECTED TO EACH OTHER BY A CENTRAL CORRIDOR WHILE REDUCING THE TRAFFIC AND NOISE

THE DESIGN DO NOT ACT AS THE NATURAL GROUND, ALLOWING THE NATURAL LIFE OF THE SOIL TO CONTINUE

TECHNOLOGY

SYSTEMIC AGRO-TOURISM

GALI MUWA - YUNGAY - Ghana

MERGE THE URBAN AND RURAL TOURIST ATTRACTIONS WHILE PRESERVING THE CULTURAL HERITAGE

SELF SUSTAINED FACILITIES TO PROMOTE ENVIRONMENTAL FRIENDLY TOURISM

ECO HOYO EDUCATION CENTRE

ECO HOYO - YUNGAY - Ghana

CREATIVITY STUDIO

CONSISTS WITH TWO SECTORS

1. ECO HOYO CENTRE
2. ECO HOYO FARM

1. SMALL PRIVILEGED SUSTAINABLE FARMS
2. CONSULTANCY AND CONTACT WITH LOCAL EXPERTS

ROOF TO RAIN WATER HARVESTING

WINDOW DETAIL

THE DESIGN AND THE CONTEXTUAL RESPONSE

FOR THE SURROUNDING COMMUNITY IS THE FACTORY DISTRICT, THE CENTRE IS LOCATED WITHIN THEIR LIVE HOODS, THEREFORE THE CENTRE CAN INTERACT WITH THE PEOPLE AND THE PEOPLE WILL HAVE THE OPPORTUNITY TO BE IN A PLACE WHICH IS FAMILIAR

DEFINE WEB DEFINITION FOR THE RELATIONSHIP BETWEEN ACCOMMODATION CORE AND ACTIVITY CORE. THE CONVERGENCE OF THE ACTIVITY CORE WITH THE NATURE, THE RAINY WATER FALLS INTO THE FACTORY IS BEING COLLECTED

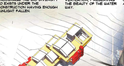
ACCOMMODATION CORE

ACTIVITY CORE

ADMINISTRATION CORE

THE DESIGN CONSISTS OF THREE CORES

WITH THE 2ND GROUND TO FLOOR HEIGHT SAY THAT IS PARTICIPATING WITH THE NATURE. THE ROOF IS BEING DESIGNED AS A SLOPING ROOF WHICH IS SUITABLE FOR THE CONSTRUCTION HAVING ENOUGH RAINFALL FALLING



THREE CORES ARE ALIGNED WITH THE LAYOUT IN ORDER TO MAKE THE CENTRE MORE USER FRIENDLY AND TO MAKE THE ACTIVITIES OF THE CENTRE EASY.

VERTICAL CIRCULATIONS

HORIZONTAL CIRCULATIONS

THE DESIGN IS PLACED CONSIDERING ABOUT THE SURROUNDING SITE VIEW.

SIDE ELEVATION

MAIN OBJECTIVE

1) ACTIVE THE ECOSYSTEM
2) 1 TREE FROM THE HILL
3) 1 TREE FROM THE ROAD SIDE
4) 1 TREE FROM THE CENTRE

TIME LINE

BRIEF

ENVIRONMENTAL AWARENESS CENTRE AND YOUTH AREA (HA)

SPACES	AREA (M²)	TOTAL
ADMINISTRATION CORE		
MAIN ENTRANCE & RECEPTION LOBBY	50	
STAFF ROOM	40	
DIRECTOR	15	
ADMINISTRATION OFFICE	30	
CONFERENCE	30	
ACTIVITY AREA		
LIBRARY/ INFO AREA	50	
CLASS ROOMS	60	
EXHIBITION	50	
ACCOMODATION		
DORMITORY AREA	50	
GUEST ROOMS	30	
CONSULTANCY	30	
SERVICE AREA		
CAFETERIA	50	
MAINTENANCE ROOM	30	
SERVICE ROOM	30	
TOTAL		HA

PROGRAMME

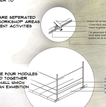
MASTER PLAN

TWO MODULES ARE MERGED IN ORDER TO CREATE LECTURE HALLS

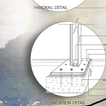
ACTIVITY CORE

THE MODULES IN THE ACTIVITY CORE ARE MOVED ALONG IN ORDER TO CREATE A CONNECTION WITH THE ACTIVITY CORE AND THE ACCOMODATION CORE WHILE MAKING THE SPACES INTERESTING

SHOWS THE MODULES ARE ASYMMETRICALLY PLACED TO ADD AN ADMINISTRATION AREA FOR THE DIFFERENT ACTIVITIES



WHEN ALL THE FOUR MODULES ARE PLACED TOGETHER IT FORMS A HALL WHICH CAN BE USED AS AN EXHIBITION HALL

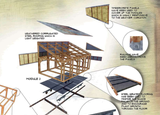


FRONT ELEVATION

SECTION A-A
SCALE 1:50

SECTION B-B
SCALE 1:100

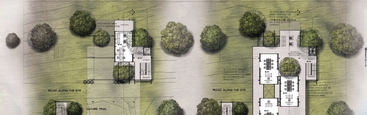
THE BUILDING CONSISTS OF TWO TYPES OF MODULES



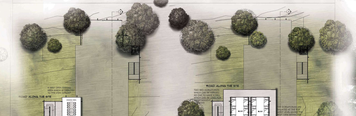
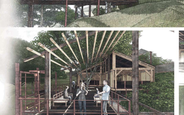
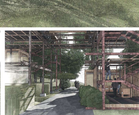
GROUND PLAN
SCALE 1:100

LEVEL 1 PLAN
SCALE 1:100

LEVEL 2 PLAN
SCALE 1:100



END USE, TO BE CONVERTED AS AN ADVENTURE CAMP

LEVEL 3 PLAN
SCALE 1:100

LEVEL 4 PLAN
SCALE 1:100