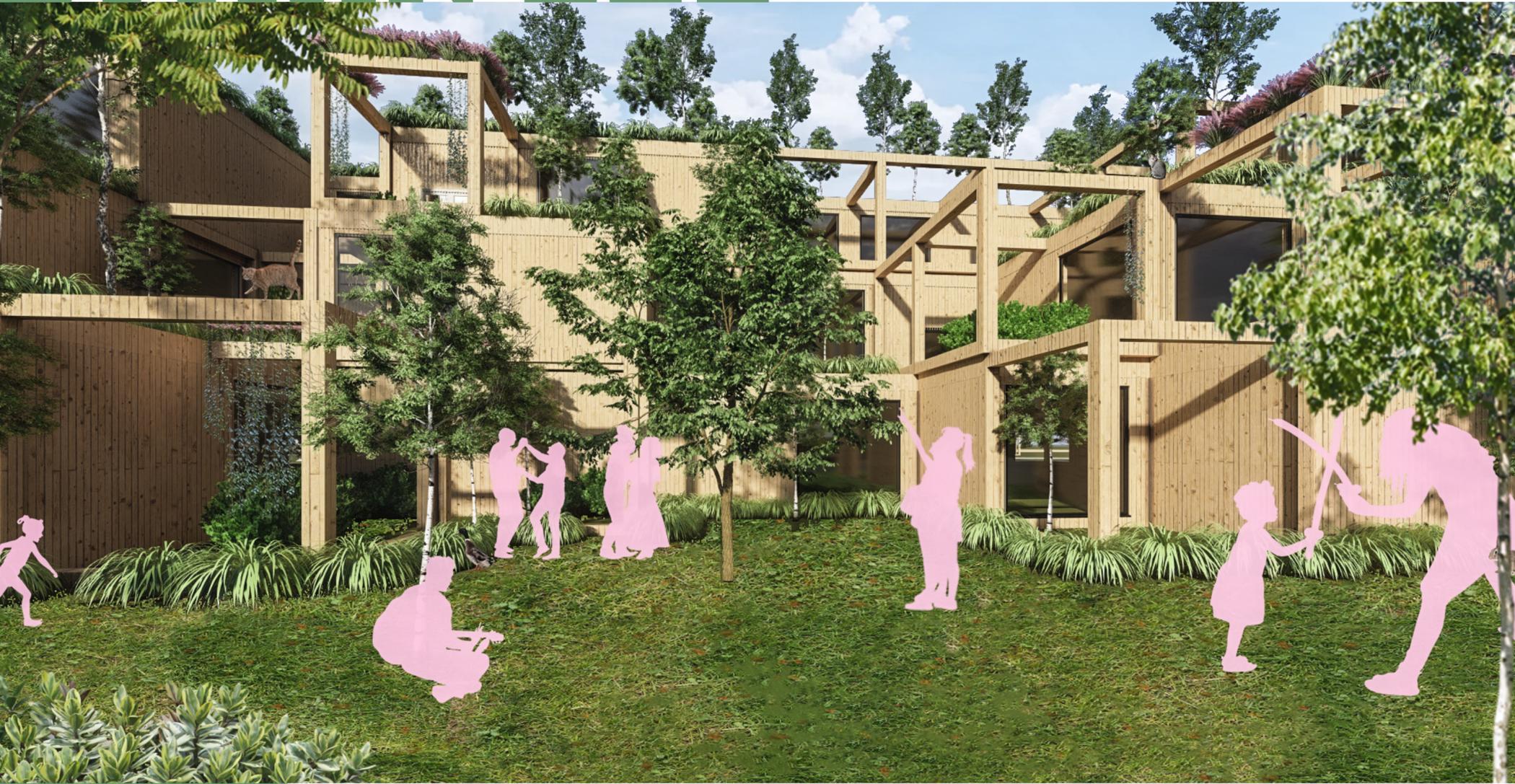


ETHAN LEE



ORGANICA IS A SUSTAINABLE DEVELOPMENT IN EASTLAKE THAT INTRICATELY BLENDS AND INTEGRATES TOGETHER WITH NATURE WHILE FITTING INTO THE GOALS OF THE ACT GOVERNMENT AND THE LOCAL COMMUNITY. THE ESSENCE OF THE DESIGN ITSELF IS ESSENTIALLY MODULAR WOODEN STRUCTURES THAT FITS TOGETHER TO FORM A SORT OF "ANT MOUND" AND TAKES KEY INSPIRATION FROM JAPANESE WOOD JOINERY TECHNIQUES AND WORKS FROM RENOWNED ARCHITECT BJARKE INGELS. ITS KEY FEATURE LIES IN ITS ABILITY TO ADAPT TO ITS EVER-CHANGING NEEDS AND ENVIRONMENT, ALLOWING BLOCKS TO BE ADDED OR REMOVED WHEN NEEDED, MAKING FOR A FUTURE-PROOF DESIGN. HEAVY INSPIRATION WAS ALSO TAKEN FROM THE "GARDEN MOVEMENT" BY HOWARD EBENEZER, EMPLOYING KEY IDEAS OF PROXIMITY AND INTEGRATION OF NATURE.

SIMILARLY TO BJARKE INGELS' "THE MOUNTAIN," THE CAR PARK IS INGENUOUSLY HIDDEN WITHIN THE BUILDING'S CORE, OCCUPYING THE SPACE THAT LACKS NATURAL SUNLIGHT WHILE ALLOWING THE BUILDING TO BE ELEVATED. THE INTEGRATION OF FOOTPATHS, BIKING LANES, AND SCOOTER PATHS, COUPLED WITH A DELIBERATE ABSENCE OF CAR INFRASTRUCTURE WITHIN THE DEVELOPMENT, FOSTERS A CAR-FREE ENVIRONMENT THAT CHAMPIONS SUSTAINABLE COMMUTING OPTIONS. FURTHER AMENITIES INCLUDING BIKE STATIONS, PUBLIC TOILETS, AND BUBBLERS LOCATED THROUGHOUT IN STRATEGIC LOCATIONS ALLOW FOR AN IMPROVED WALKING/CYCLING EXPERIENCE. THE BUILDINGS ARE ALSO MIXED-USED WITH COMMERCIAL LOCATED ON THE GROUND FLOOR AND RESIDENTIAL ON THE 2ND AND 3RD, RESULTING IN THE LACK OF NEED TO TRAVEL AS NECESSITIES WILL BE LOCATED WELL WITHIN WALKING DISTANCE. THESE BUILDINGS WILL ALSO BE AT A MAX HEIGHT OF 3 STOREYS TALL, CONTRIBUTING TO A MORE HUMAN SCALE AND FITTING INTO THE REQUESTS OF THE COMMUNITY. BY FITTING IT WITH HIGH-EFFICIENCY SOLAR PANELS, RENEWABLE ENERGY WILL ALSO BE CREATED DIRECTLY WHERE IT IS CONSUMED, CONTRIBUTING TOWARDS THE GOAL OF 100% SUSTAINABILITY. THE WOODEN PROPERTIES OF THE BUILDINGS ALONG WITH ITS VEGETATION FURTHER CONTRIBUTES TO A REDUCED THERMAL MASS, KEEPING THE SURROUNDING SPACES COOL.

WITHIN THE COMPOUNDS ARE COMMUNAL AND RECREATIONAL SPACES, WHICH ALL CONTRIBUTE TO PROVIDING A MORE RELAXING ENVIRONMENT FOR RESIDENTS TO BE IN AS WELL AS NURTURING A VIBRANT COMMUNITY. OVERALL, THE DESIGN FITS INTO THE ACT AND COMMUNITY GOALS WHILE ENSURING A SPACE THAT INVITES RESIDENTS TO WALK IN AND ESCAPE FROM THE CAR-DOMINANT CITY, SPENDING QUALITY TIME CONNECTING WITH NATURE.