

TRUE ZERO ENERGY DESIGN

SELF-GENERATED ELECTRICITY
SELF-SUFFICIENT HABITAT
CLIMATE DURABLE CONSTRUCTION

- 1) ESTABLISH MEASURED PLAN, PLACEMENT OF FOUNDATION DECK BLOCKS
- 2) ERECT 30 FOOT DIAMETER WOOD GEODESIC SPHERE FRAME USING STANDARD 2 BY 4'S
- 3) ERECT 6 FOOT WIDTH CONTINUOUS TERRACE AT THE EQUATOR OF THE STRUCTURE
- 4) INSTALL NINE RATCHET WINCHES ALIGNED WITH THE PLACEMENT OF WHERE THE NINE OPENING/CLOSING WALL SECTIONS WILL BE PLACED
- 5) CONSTRUCT INTERIOR SOILCRETE FLOORING SLAB.
- 6) CONSTRUCT BUILT-IN SEATING AT THE GROUND LEVEL AND THE ANGLED WALL BACKING PANELS
- 7) CONSTRUCT HINGED ENTRANCE DOOR AND LADDER STAIRWAY TO THE SECOND LEVEL
- 8) CONSTRUCT SECOND LEVEL INTERIOR FLOOR WITH SOUTH END OPEN LIGHT WELL
- 9) SHEATH ALL WOOD ELEMENTS WITH GIGACRETE TO MAKE THE ENTIRE STRUCTURE FIREPROOF, WATERPROOF, AND MOLD-AND-MILDEW-PROOF
- 10) PAINT ALL SURFACES WITH CONTEGO 2-HOUR FIRE PAINT TO MAKE ALL SURFACES 4-HOUR RATED FOR FIRE

- 11) INSTALL MOSQUITO SCREENS THROUGHOUT ENTIRE STRUCTURE
- 12) INSTALL INTERIOR WATER SINK WITH DRAIN TO GARDEN AREA
- 13) INSTALL 1000 FOOT LENGTH BLACK RUBBER HOSE TO INDOOR SHOWER AND TEST SHOWER DRAIN FOR RUN-OFF EFFICIENCY
- 14) CREATE CIRCULAR FORMWORK FOR REINFORCED SOILCRETE HINGING SYSTEM TO STABILIZE THE NINE OPENING/CLOSING MOBILE WALL FRAMES
- 15) PLACE REINFORCING BARS AND HINGING BRACKETS FOR SOILCRETE POUR WEIGHTED STABILIZING RING
- 16) POUR SOILCRETE STABILIZING RING STRUCTURE AND WATER CATCHMENT TROUGH AND DRAIN
- 17) FABRICATE 10 ALUMINUM FRAMES FOR THE CLOSING/OPENING MOBILE WALL SYSTEM OF THE BUILDING
- 18) FABRICATE THE TRANSPARENT, WATERPROOF, NYLON SAIL CLOTH WALL MEMBRANE FOR EACH OF THE 10 MOBILE WALL FRAMES

- 19) CONNECT MOBILE WALL FRAMES WITH ITS ALIGNED AND POSITIONED WINCH AND TEST FOR OPERABLE EFFICIENCY.
- 20) INSTALL ALL 6" THICK STYROFAM INSULATION MATERIALS IN ALL ENCLOSED WOOD WALL SURFACES
- 21) ESTABLISH VEGETABLE FRUIT GARDEN PARAMETERS AND LINK TO INTERIOR SINK AND SHOWER DRAIN SYSTEM. CONNECT ALL INTERDEPENDENT SYSTEMS.

MAXIMUM IMPACT SUMMARY
THE IMPACT OF THIS BUILDING IS NEGLIGIBLE. THE FABRICATION FOOTPRINT IS VERY SMALL DUE MAINLY TO THE USE OF ALUMINUM, GALVANIZED METAL, AND NYLON.
WOOD HAS NO FABRICATION FOOTPRINT AS IT IS A LIVING ORGANISM. GIGACRETE NEEDS NO ENERGY TO CREATE IT AND THE SAME WITH STONE.
THIS ARCHITECTURE IS:

- 1) ARCHITECTURE THAT IS MUCH MORE THAN A SHELTER
- 2) ARCHITECTURE THAT IS A MOTIVATING EXPERIENCE TO MAKE YOU MORE THAN YOU THINK YOU CAN BE
- 3) ARCHITECTURE THAT ADAPTS TO THE CHANGING WEATHER AND CLIMATE
- 4) ARCHITECTURE THAT MAKES YOU AWARE OF THE VARIOUS CLIMATIC FORCES AT WORK AROUND YOU AND FROM MOMENT TO MOMENT
- 5) ARCHITECTURE THAT CAN ADAPT TO AND WITHSTAND THE DISASTER FORCES OF NATURE
- 6) ARCHITECTURE WHERE YOU CAN SEE AND EXPERIENCE THE CHANGING DYNAMICS OF LIGHT AND SHADOW, THE CHANGING HUES OF COLOR AND TEXTURE, THE DYNAMICS OF TEMPERATURE AND WEATHER, AND THE SIGHTS AND SOUNDS OF NATURE
- 7) ARCHITECTURE WHERE YOU ARE MANUALLY AND PHYSICALLY INVOLVED IN THE HUMAN-MADE ENVIRONMENT SURROUNDING YOU THAT CHALLENGES YOU TO ADJUST TO NATURE'S DAILY CHANGES
- 8) NO LONGER IS ARCHITECTURE A HEAVY, STATIC, OVERBEARING ROOF THAT BLOCKS ALL SENTIENT EXPERIENCE OF THE CHANGING SKY, THE CLOUDS,

LIGHT, AND SHADOW, AND THE SIGHTS AND SOUNDS OF THE LIVING FORCES THAT SURROUND YOU

- 9) NO LONGER IS ARCHITECTURE A ENCLOSED BOX WITH WINDOWS PUNCHED THROUGH STARK AND STERILE WALLS THAT IMPEDES AND ALIENATES YOU FROM THE LIVING BIOSPHERE THAT YOU INHABIT
- 10) ARCHITECTURE THAT IS ALIVE AND REQUIRES THAT YOU DAILY PARTICIPATE AND BE PHYSICALLY INVOLVED AND CHALLENGED BY NATURE AND NATURE'S UNPREDICTABLE DYNAMICS
- 11) LIVING IN A STRUCTURE THAT IS ALIVE WITH RELATIONSHIP—REQUIRING YOU TO BE AWARE, TO CONNECT, TO RESPOND TO THE PULSES OF THE LIVING WORLD OF WHICH YOU ARE AN INTEGRAL PART
- 12) AN ARCHITECTURE THAT DOES NO HARM TO THE NATURAL ENVIRONMENT, EXPELS NO TOXIC MATERIALS, AND CREATES MINIMAL HARM TO THE EARTH IN ITS MANUFACTURING AND DAY-TO-DAY FUNCTION
- 13) ARCHITECTURE THAT ENCOURAGES A PLANT-BASED WAY OF LIFE WHERE YOU GROW YOU OWN

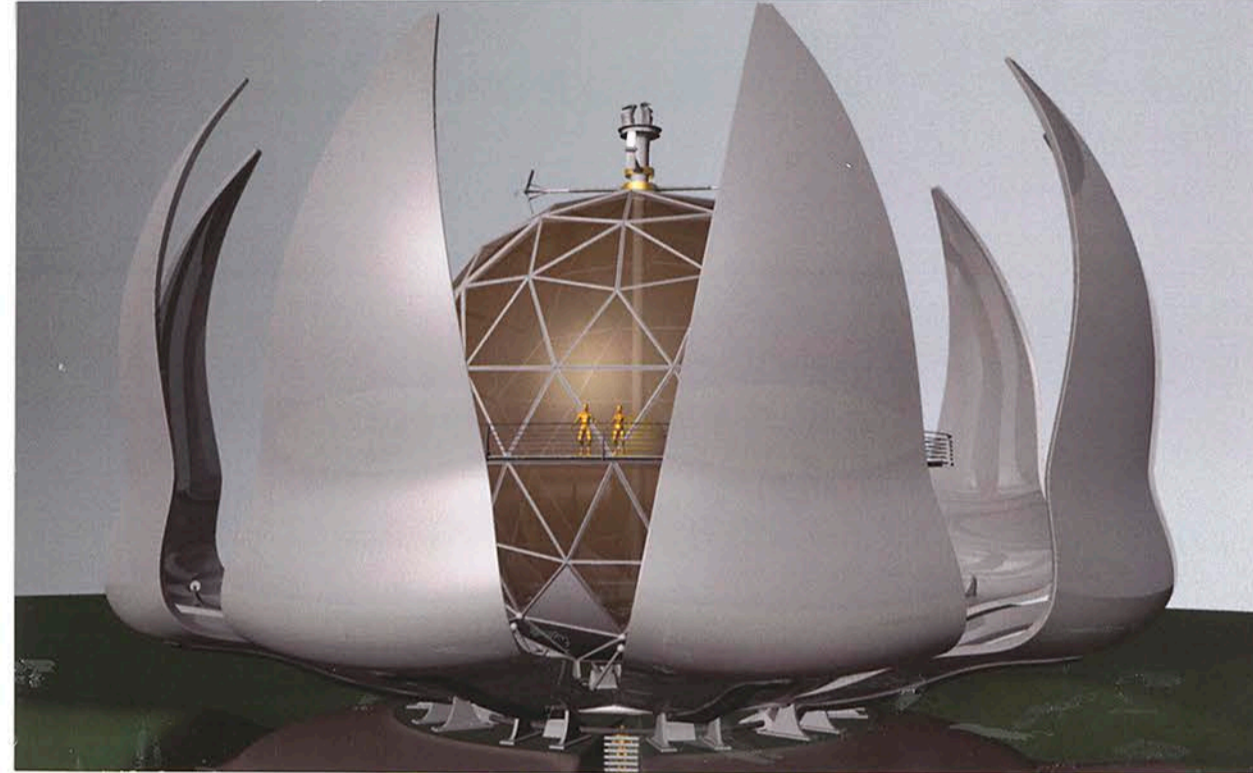
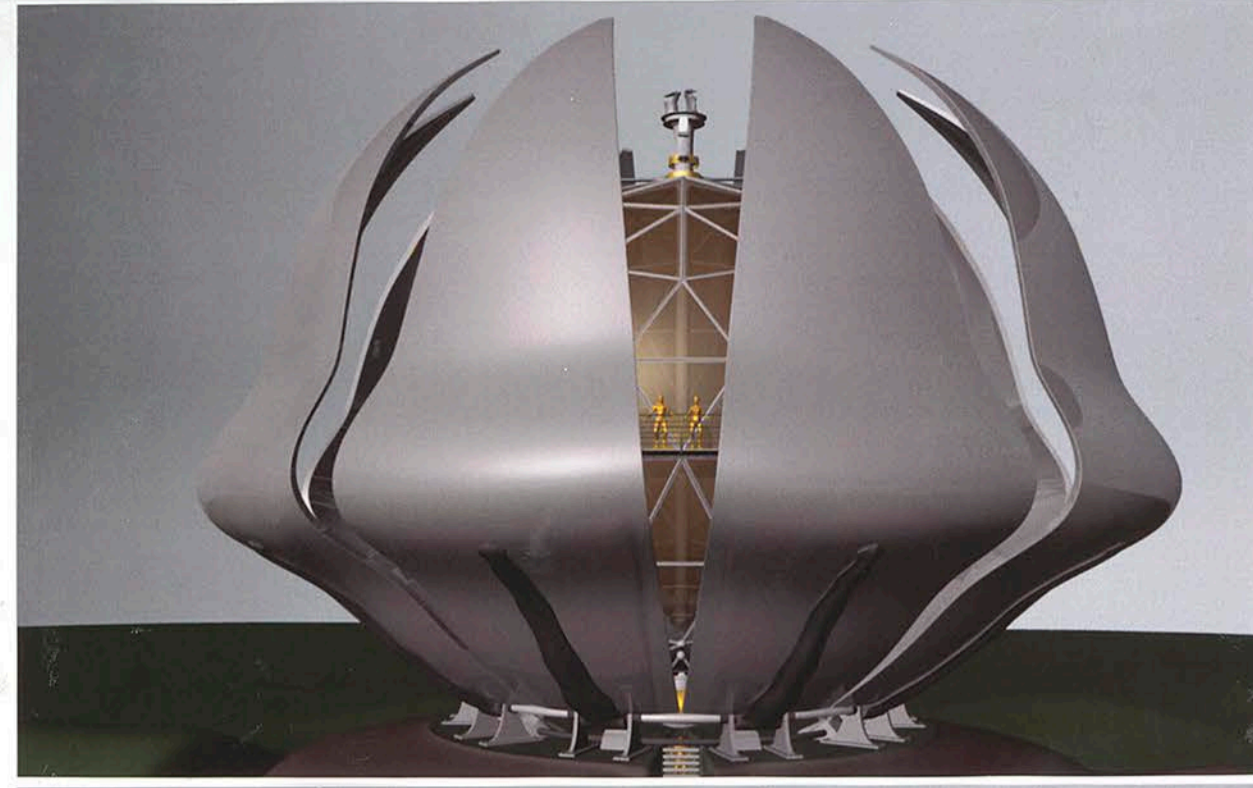
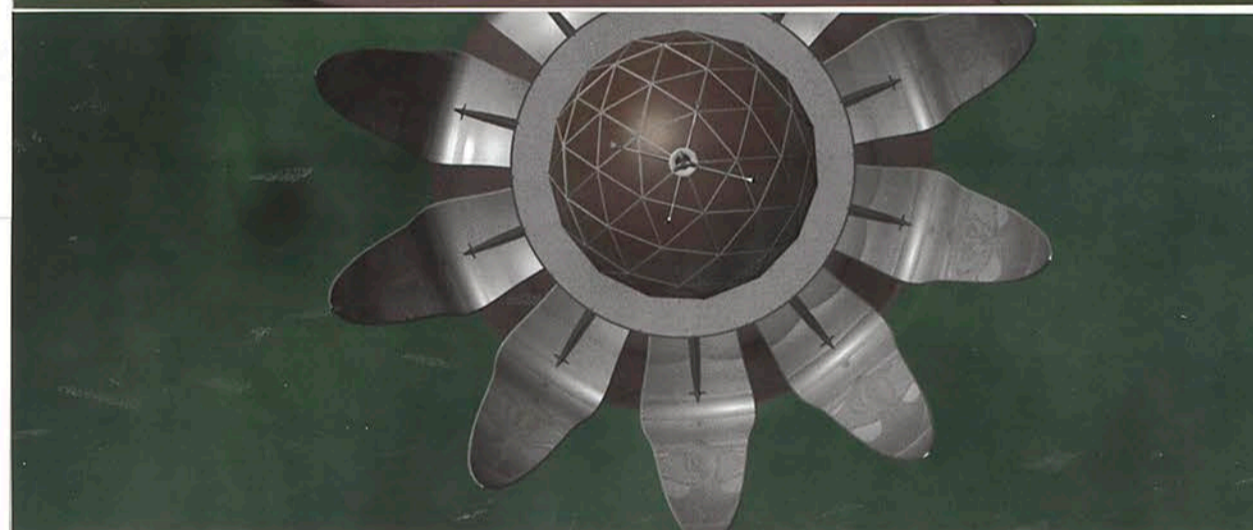
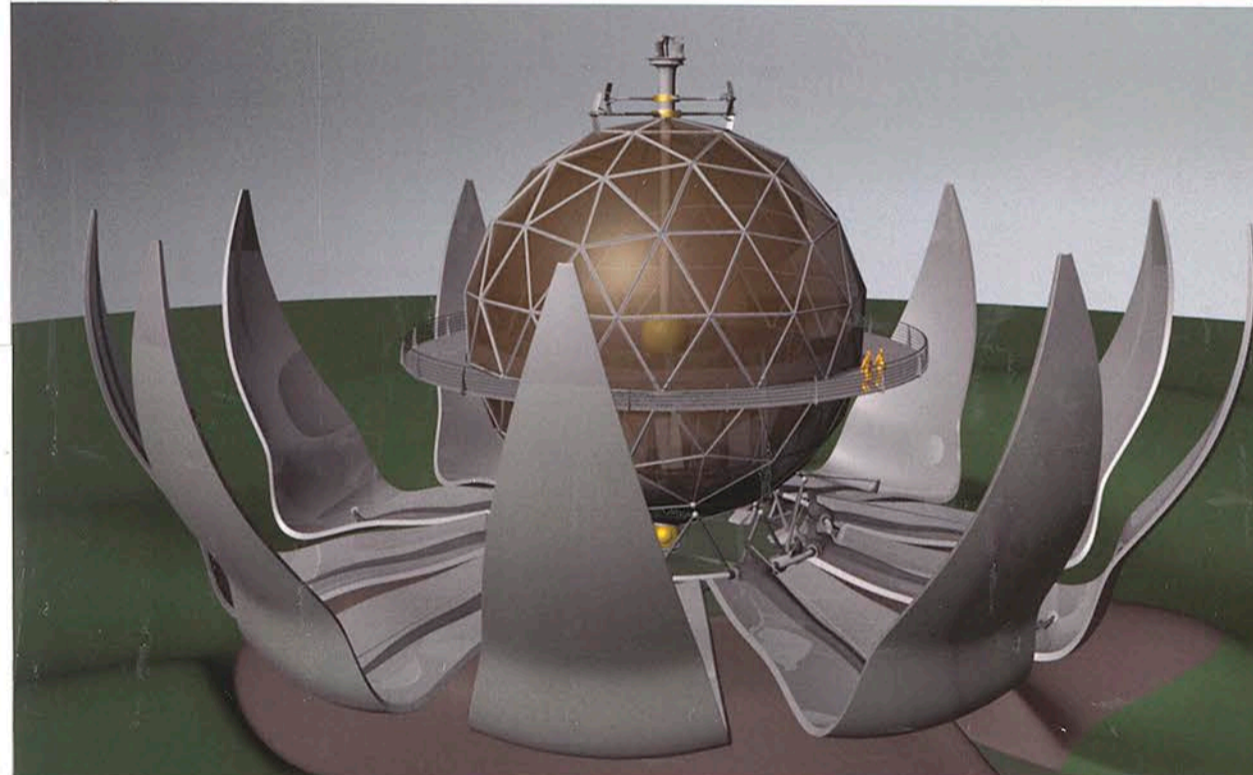
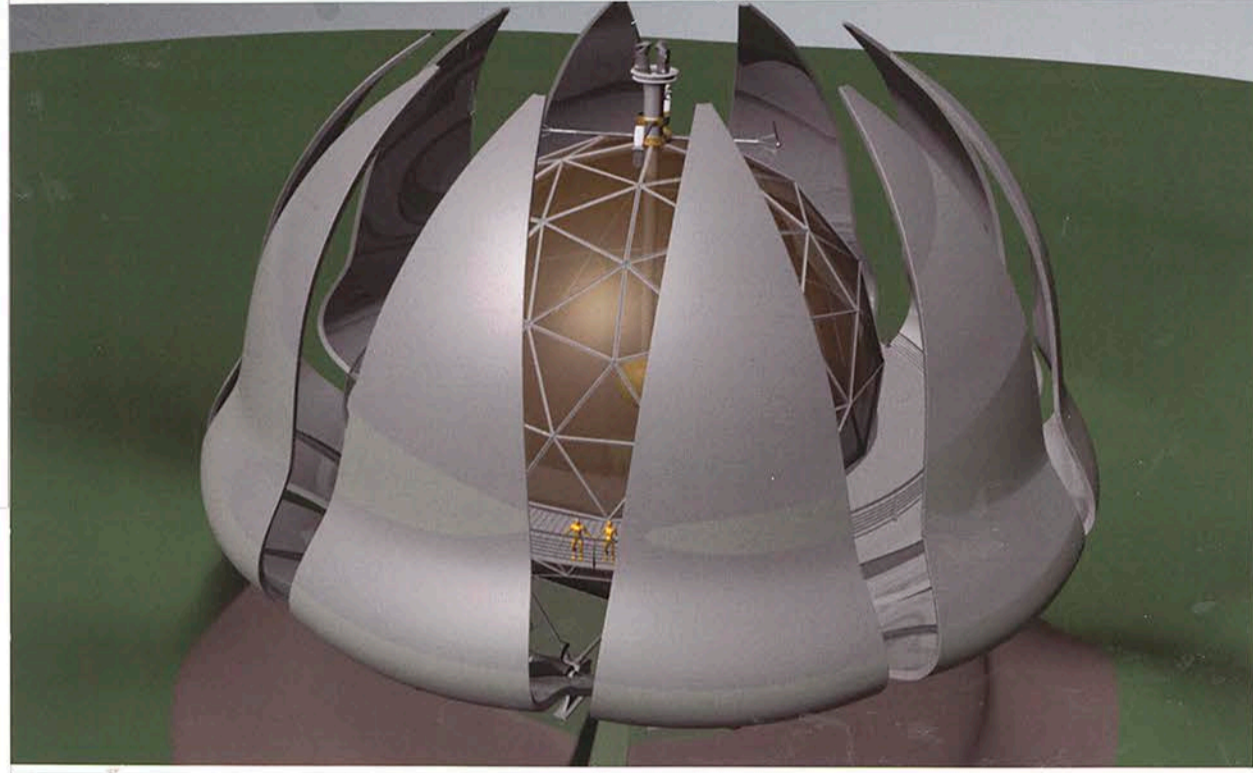
- 14) ARCHITECTURE THAT IS FIRE-PROOF, WATER-PROOF, DOES NOT MOLD-AND-MILDEW, IS INEXPENSIVE AND EASY TO BUILD USING FEW MATERIALS AND PEOPLE
- 15) ARCHITECTURE THAT IS AERODYNAMIC, HAS AN INSULATION VALUE OF R-50 THROUGHOUT, AND ALLOWS YOU TO SEE THE CHANGING SKY AND CLOUDS OVERHEAD
- 16) ARCHITECTURE THAT USES NO MECHANICAL AND ELECTRICAL HEATING, VENTILATION, AND AIR-CONDITIONING MECHANISMS AND DOES NOT POLLUTE THE ENVIRONMENT WITH CO2 IN ITS DAILY FUNCTION
- 17) ARCHITECTURE THAT MINIMIZES THE AMOUNT OF MATERIALS USED AND MAXIMIZES THE AMOUNT OF ENCLOSED SPACE FOR LIVING
- 18) ARCHITECTURE THAT INSPIRES FURTHER RESEARCH AND THE INCUBATION OF NEW IDEAS AND EXPERIMENTS IN CONSTRUCTION
- 19) ARCHITECTURE THAT IS THE STRONGEST IT CAN BE AND THE LIGHTEST IT CAN BE—THE

FRUITS AND VEGETABLES AS AN INTEGRAL PART OF YOUR HABITAT AND YOUR DAILY SURVIVAL

- 20) ARCHITECTURE THAT COMPELS YOU TO LIVE ATHLETICALLY, TO ACHIEVE OPTIMAL FITNESS, STRENGTH, AND HEALTH

UNIVERSALLY APPLIED PRINCIPAL OF ALL LIVING ORGANISMS AND HABITATS

- 21) ARCHITECTURE THAT COMPELS YOU TO LIVE ATHLETICALLY, TO ACHIEVE OPTIMAL FITNESS, STRENGTH, AND HEALTH



GIGACRETE™
BUILD STRONG. BUILD FORWARD.

NO MOLD OR MILDEW, WATERPROOF, FIREPROOF, BULLET-PROOF, VERY LOW EMBEDDED ENERGY, TROWELS ON

Bulletproof Ballisticrete™ by GigaCrete, Inc.

H.P. WHITE BALLISTIC LAB TESTED

357 MAGNUM

40 CAL

3/4" thick

7-62 AK-47

DIRECT APPLIED OVER MANY SUBSTRATES INCLUDING WOOD FRAMED BUILDINGS, CEMENT BLOCK, BRICK, CONCRETE OR EXISTING CEMENT BASED STUCCO

THE EATING OF MEAT AND THE FARMING OF MEAT IS THE NUMBER ONE MOST DESTRUCTIVE HUMAN ACTION ON THE PLANET USING UP MILLIONS OF GALLONS OF WATER, GAS FUEL, NATURAL RESOURCES AND LEAVING HUGE AMOUNTS OF TOXICITY AND POLLUTION EVERY DAY, AND THE TOXIC CHEMICALS INJECTED INTO ANIMALS IS TRANSFERRED TO HUMANS BY CONSUMPTION.

The greatness of a nation can be judged by the way its animals are treated.

The Cost of Meat
Vegan dish vs. Steak

1 cup broccoli, 1 cup eggplant, 4 oz. cauliflower, and 8 oz. rice
Calories: 320

0.0098 gallons of gasoline equivalent

6 oz. beef steak
Calories: 320

0.1587 gallons of gasoline, 16

Go Green saves 1611. of water

You can save more water by not eating three beef steaks than by not showering for one year!

A plant based diet indirectly consumes nearly 600 gallons less water per day

NATIONAL GEOGRAPHIC

LET THE BULL. EAT GREEN!

TIA BIANCO, WORLD SURFING CHAMPION

"IF SOMEONE TELLS YOU YOU NEED MEAT TO BE STRONG DON'T LISTEN TO THEM."

ARNOLD SCHWARZENEGGER

"I've found that a person does not need protein from meat to be a successful athlete. In fact, my best year of track competition was the first year I ate a vegan diet."

Carl Lewis

4265 Carnivore
2654 Vegetarian

1 liter of water per 1000 calories

1 liter of water per 1000 calories