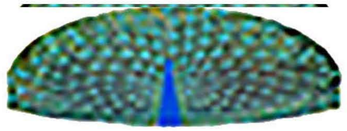
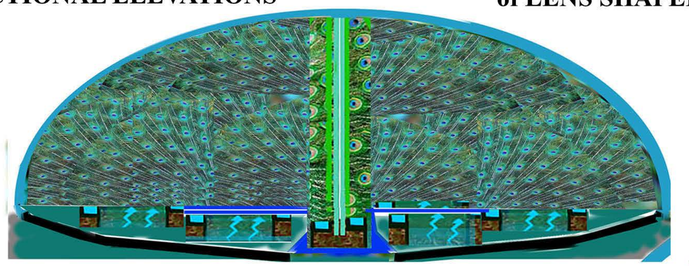
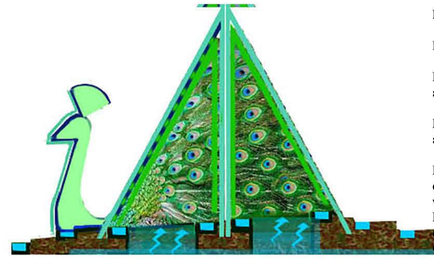
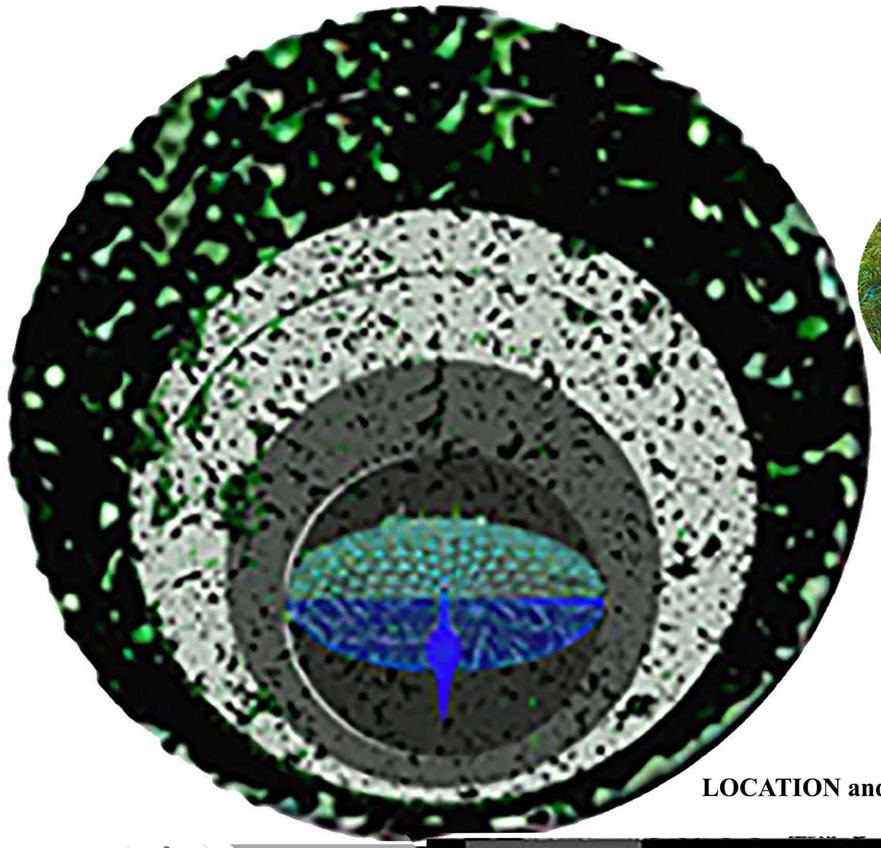
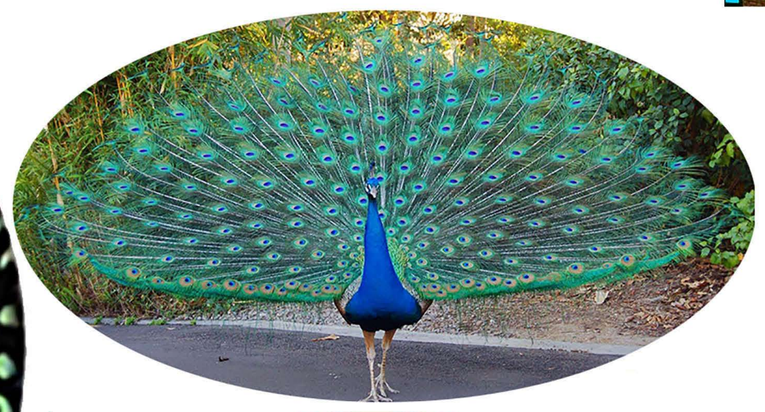
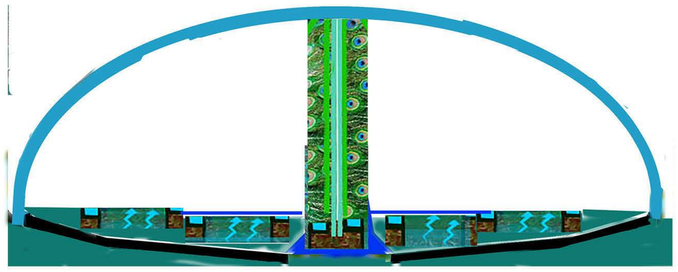


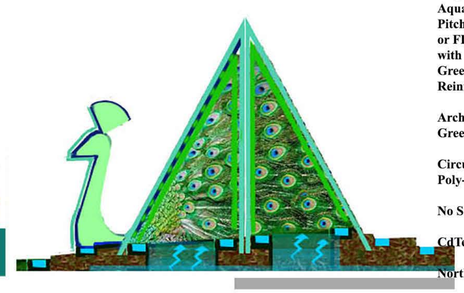












Design Statement and Environment Statement - Solar PV Greenhouse Peacock

Lens Shape Blue-Green Arch Peacock Solar PV Greenhouse on North Fly Ranch

Lens Shaped Blue Green Arch Greenhouse - 15 Meters East to West and 7 Meters North to South and 5-7 Meter High Epoxy FRP Structural Members and Polyester FRP Greenhouse

Median Cost of the Proposed Design is estimated to be around US$ 30000-00 with a Minimum of US$ 20000 and maximum of US$ 50000-00

Lens Shaped in Plan and Arch Shape in Elevation, Blue Green Peacock Solar PV Greenhouse on North Fly Ranch
with
Blue Green Solar PV Crystalline Silicon Photo Voltaic Circular Cells facing on South Slope of Inclined Vertical Green Garden Wall of Polyester FRP Pitched Roof East West Orientation Greenhouse,
with
Blue CIGS or CdTe thin Film on South Face of Polyester FRP Peacock Neck
and
North Slope of Inclined Vertical Green Garden Wall of Pitched Roof East West Orientation Greenhouse as Poly-house
with
Double Layer Polyethylene or Polypropylene Reinforced with sandwiched Polyester PET or Nylon Fabric or Fibers
Or
North Slope of Inclined Green Wall of Polyester FRP Pitched Roof East West Orientation Greenhouse,

Energy - Solar PV - Poly-crystalline Silicon and CdTe or CIGS thin Film, Greenhouse

Water - Condensing Ground Source Water, High Water Table near Fly Ranch Geyser in 2-3 Quadrants of Greenhouse, other Quadrant can use Treated Waste Water

Food - Green Walls Aquaponics Greenhouse for Food, Flower and Vegetation

Shelter with Toilets - Greenhouse - Shelter with Toilets and Waste Water Vegetation

Regeneration / Composting / Biogas Toilets - Mini Biogas Chamber Toilet Waste and Waste Water can used for in One or Two Quadrants of Greenhouse for Vegetation

Polyester FRP Pitched Roof East West Orientation Greenhouse, to have Inclined Aquaculture Green Walls Inside of North and South Pitched Sloping Roof or Sloping FRP Pitched Roof Inclined Walls on South Side and Inside Films of Polythene Polypropylene Polyester or FRP on North Side
with
Greenhouse Bifurcating Vertical Green Walls as North South and East West Greenhouse Reinforcing and Stiffening Walls .

Arch Shaping Greenhouse with South and North Facing Inclined Pitched Roof Greenhouse

Circular Solar PV Cells like Intermittent Peacock Spots on Arch South Face with Poly-crystalline Silicon on 60 Degree South Slope of Polyester FRP Greenhouse

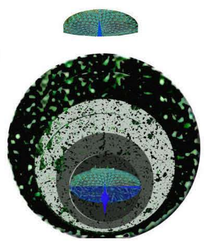
No Solar PV on Arch North Slope of Film Fabric Greenhouse

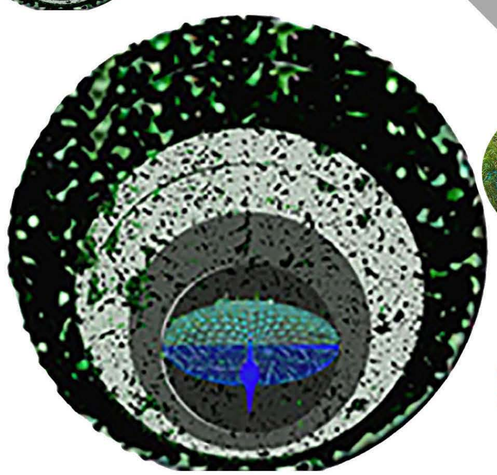
CdTe or CIGS Thin Film on South Facing Neck of Greenhouse Peacock

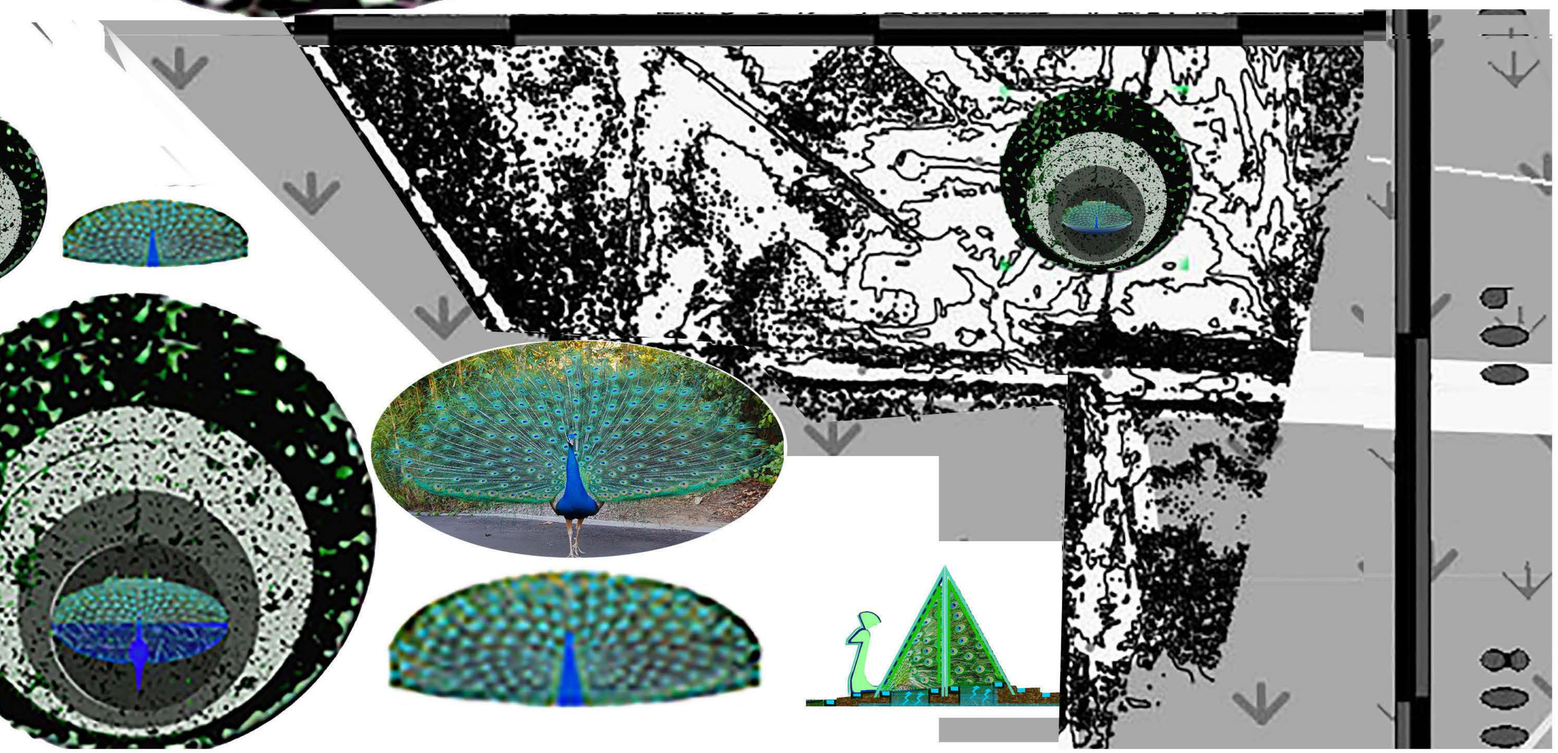
North Fly Ranch is adjacent to Fly Ranch Geyser with High Water Table near Surface

Ground Source High Water Table Humidity Evaporating Water Condensation in Greenhouse

LOCATION and Enlarged SITE PLAN with LONGITUDANAL and CROSS SECTIONAL ELEVATIONS







Ground Source High Water Table Humidity Evaporating Water Condensation in Greenhouse

Condensing Ground Source Water at Night from Dugout Earth inside Solar Heated Greenhouse create High Absolute Humidity inside Greenhouse during Day, which Condense at Night on Cool Sloping Roof and Vertical Green Walls of Greenhouse to Create a Humid Aquaponics Aeroponics Environment suitable for Greenhouse

Peacock Feathers like Intermittent Circular Spot like Arrangement of Poly-crystalline Silicon Solar Cells

Blue Green Peacock as an Energy Sculpture Monument to Renewable Energies

Ground Source Heating and Cooling and Humidifying as Extreme Climate Mitigating Buffering inside Arch Shaped Greenhouse Shelter During Day and Night

Poly-crystalline Silicon Solar Cells as Sun Shading Controlled Day-lighting Devices

Greenhouse Shelter Entry from Rear - Front uncluttered as Peacock Sculpture

Maintenance Entry from Rear from where the Peacock Bird Urinates with 2 Rear Gates

Only Emergency Exit from Front

Peacock Sculpture in an Eccentrically Centrally Located Raised Concentrically Eccentric Circular Raised Platform to prevent Flooding

Each Circular Platform to have a Ring Drain to Divert Flash Flooding from Peacock Sculpture

Lens Shaped in Plan and Arch Shape in Elevation, Blue Green Peacock Solar PV Greenhouse on North Fly Ranch with 4 Quadrants

Ground Source Water Use in 2 or 3 Quadrants - High Temperature High Water Table near Geyser High Absolute Humidity Greenhouse Condensing on Leaves, Vertical Gardens

Shelter Toilet and Greenhouse Compost Biogas-Mini- Chamber Treated Water in 1-2 Quadrants of Greenhouse

Lens Shape Blue-Green Arch Peacock Solar PV Greenhouse on North Fly Ranch

- Lens Shaped Blue Green Arch Greenhouse - 15 Meters East to West and 7 Meters North to South and 5-7 Meter High Epoxy FRP Structural Members and Polyester FRP

Greenhouse- Median Cost of the Proposed Design is estimated to be around US$ 30000-00 with a Minimum of US$ 20000 and maximum of US$ 50000-00 -

Lens Shaped in Plan
and Arch Shape in Elevation,
Blue Green Peacock Solar PV Greenhouse on North Fly Ranch
with Blue Green Solar PV Crystalline Silicon Photo Voltaic Circular Cells facing on South Slope of Inclined Vertical Green Garden Wall of Polyester FRP Pitched Roof East West Orientation Greenhouse.