Robert A. Andrys Architect, Inc.
23031 Tuckahoe Rd. Alva, Fl. 33920
(239)-728-2807 Fax 728-5266

Robert A. Andrys - Green Building Design Experience

1993-1999 –as project architect for Gora/McGahey Associates in Architecture.
2000 till present – Robert Andrys Architect, Inc.

Lee County South Regional Library – 1993

- First use of extensive recycling and reuse of construction material in a Lee County Government renovation project.
- Re-lamping of existing fixtures to high efficient florescent lighting with a Florida Power and Light grant.
- Strategically placed shade trees used to reduce solar exposure.
- Innovative Moisture and vapor control strategy and implementation
- First energy saving Ice Thermal Storage cooling systems used at a library funded with FPL grant
- Worked with FPL to establish energy incentives and grants.

Chico's World Headquarters office addition - 1999

- Employed day lighting system to cover over 30,000 s.f. of office space.
- Variety of solar shading devices used depending on directional exposure to the sun angle. South side utilized concrete overhangs. West side employed louvered aluminum solar screens and shade trees.
- Existing oak and cypress trees were moved to other locations from project site and additional oak trees installed on west side of building to shade building.
- Green materials used through with emphasis on minimizing finish materials allowing the concrete structure and floor to be exposed.
- High efficiency lighting used in office area with photo sensing switches
- High efficiency A/C system.
- Feasibility studies were conducted on existing office areas to determine future methods of increasing lighting efficiency, reduce internal heat load and best way to reduce solar gain.

Harvest for Humanity - 1999

- Participated in the master planning of this Traditional Neighborhood Design (TND) with emphasis on place making, efficiency of road network and more importantly the placement of each building to ensure proper solar exposure.
- Home designs maximize natural day lighting.
- Vapor and moisture control systems employed.
- Solar shading devices employed to reduce heat gain.

Gulf Coast Village Alzheimer Center - 1992

Robert A. Andrys Architect, Inc.
23031 Tuckahoe Rd. Alva, Fl. 33920
(239)-728-2807 Fax 728-5266

- Controlled Day lighting of "Town Center", the central activity area was used to provide high quality lighting and relieve effects of "Sun-Downing" syndrome.
- Variety of durable floor coverings and natural floor coverings employed throughout facility.
- Photo controlled night-lights used in resident bathrooms
- Timed exhaust fans used to reduce A/C loads.
- High efficiency lighting used.
- A bake-out procedure was used to remove V.O.C. emissions. (prior to the development of low-voc paints)
- Non-formaldehyde cabinetry was specified.
- Flexible space designs allowed a variety of activities to use the same spaces with minimal setup changes.
- Extensive tree planting employed to reduce solar gain and add garden effect to site.
- Raised flower gardens employed in one of the two large strolling gardens.

Predmore Residence - 2001

- Certified Green Home by Florida Green Building Coalition (FGBC).
- Ultra-high efficient A/C system to be installed and demonstrated.

Corwin Residence - 2002

- This home was designed to pass the FGBC "Green Home Standards".
- High reflectance metal roof works in conjunction with rain water harvesting cistern used for potable water in the house, ultra-high efficient A/C system, ICF walls, low voc interiors, soda bottle carpet, linoleum floors.
- Over 400 University students have toured and used this house as a case study for green construction.
- A coalition of volunteers is working to have this home and nine acres purchased by Lee County as a Green Demonstration and Learning Center.

Florida Gulf Coast University's Green Learning Lab - 2002

- Consultant to Gora/McGahey Associates in Architecture for the green learning center that was to be built on the University Campus.

Riley Residence - 2002

- This home was designed to pass the FGBC "Green Home Standards".

Boone Residence – 2003 – not constructed

- This home was designed to pass the FGBC "Green Home Standards".
- SIPs wall system used in a modern design.

Robert A. Andrys Architect, Inc.
23031 Tuckahoe Rd. Alva, Fl. 33920
(239)-728-2807 Fax 728-5266

Florida Living Real Estate Office - 2004

- This office was designed using ICF wall system and non-vented attic to create an energy conserving exterior shell.

Robert Andrys Architectural Studio - 2005

- This studio/future mother-in-law cottage was designed to the FGBC "Green Home Standards". Submitting for certification.
- Ultra-high efficient A/C system installed.
- SIP construction, reflective metal roof, and hurricane resistant construction.

Six Mile Slough Interpretive Center - 2006

- Two story 7,400 s.f. Interpretive Center for Nature Park with meeting halls, classrooms, bookstore and offices.
- Designed as the first LEED certified green building in Lee County.
- Green consulting architect/construction documentation for Parker, Mudgett, Smith Architects, Inc.

Casa San Juan Bosco – 2006-2007

- Master planning for a new concept in community living for farm worker housing will be a FGBC certified green community.
- An 8,000 s.f. community center to be certified as an Energy Star building.
- 125 homes consisting of three models with eight different front elevations to be certified by FGBC as green homes.

Sinclair Inc. Model Homes - 2006

- Four different model homes for a production builder were designed to the FGBC "Green Home Standards".

Habitat for Humanity-Town homes – 2007 – in design

- These town homes are being designed to the FGBC "Green Home Standards".

Bunche Beach observation and restroom facility – 2007- in design

- Green restroom/observation building at Bunche Beach
- Off the grid facility with composting toilets, rainwater harvesting and solar power.

Robert A. Andrys Architect, Inc.
23031 Tuckahoe Rd. Alva, Fl. 33920
(239)-728-2807 Fax 728-5266

Rectory for St. Jude's – 2007 – in design

- This communal home for four priests is being designed to the FGBC "Green Home Standards".
- SIP shell, shared kitchen/dining and lounge with a chapel.
- Green design, one larger communal house with shared facilities constructed instead of four separate homes.

Andrys home – 1993-2006

- A beach cottage was reused by being moved next to the existing one bedroom house. Building materials were also reused from the deconstruction of two buildings in the renovation of this home. The highest energy rated a/c was installed, a walk around porch protects the windows from solar gain, and the new addition was raised above possible flood level.
- In 2006 an Energy Star metal roof was installed.

A final note:
Although not all owners choose to have their house designed in a sustainable way or even after they do, not to get them certified, all of my clients have benefited in some degree, by their residences having green practices instilled within their building designs.

It cost nothing more, it took no extra time to construct, but it was worth my time to continue to push the green knowledge out into the world.

Green saves energy, water, materials, its less toxic, has better durability and more hurricane resistant.

It's what we in the building field call true and certifiable quality.