

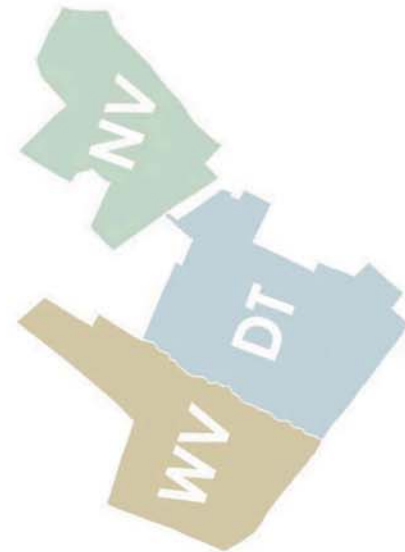


**RANSON** *Green*   
PATRIOT OUTREACH COMMUNITIES, USA



**RansonGreen**  
 DOWNTOWN  
 Next 3 Exits

Properties presented is subject to alterations to reflect land ownership and/or future city limits of the City of Ranson



**PROPERTIES**



**RansonGreen**  
DOWNTOWN  
Next 3 Exits

**Historic Ranson**  
DOWNTOWN  
1 Mile

The materials presented are conceptual and subject to alterations to reflect land ownership and/or future city limits of the City of Ranson and the updated master plan shown within.

### The RansonGreen Story

Over the past four years the small West Virginia towns of Ranson and Charles Town have been the focus of tremendous excitement. Located just seven miles from the border of Loudon County, Virginia, the wealthiest county in the United States, and about 50 miles from Washington, D.C., the region is an ideal place to live and work, attracting national companies and high value government agencies.

Our professional team of designers and developers has brought together green technology and humanitarian thinking to begin constructing a new kind of community, RansonGreen—the first of its kind in the United States and perhaps the world.

By using the latest in clean-energy technologies, RansonGreen will thrive on renewable and non-polluting resources. But this new community will do more than just conserve energy; it will also have the infrastructure to produce its own power and significantly reduce water consumption. To reduce the need for artificial lighting, heating, and air conditioning we have used the very best architecture and urban design to take advantage of the natural environment.

In addition to beauty and efficiency, our vision for RansonGreen includes a commitment to important humanitarian concerns, and we have partnered with Grafton Integrated Health Network to provide quality, sustainable services to people in need. The facilities we have planned include a veterans' rehabilitation center that uses the Patriot Outreach/HUM program to help people recover from traumatic stress. RansonGreen will also have a world-renowned children's hospital and an on-site medical center residence for physicians. Active adults will benefit from assisted living and a long-term care facility that will offer below-market-rate leases, and everyone will enjoy access to a multi-purpose community center.

RansonGreen has the enthusiastic support of local and state governments, and the land-use issues are firmly settled. Many companies have expressed an interest in the RansonGreen concept, and one serious investor has already committed to funding the construction. Our project is well underway, and we look forward to making RansonGreen a model for the world.

The design and architecture of RansonGreen has been done by Douglas Carter of Davis Carter Scott Ltd., of McLean, Virginia. [www.dcsdesign.com](http://www.dcsdesign.com)



The Charles Town Mining, Manufacturing, and Improvement Company played an instrumental role in creating Ranson, West Virginia. In 1890, the company bought 850 acres adjoining the western and northern corporate limits of Charles Town. The largest tract of land purchased was from the Ranson family. The City of Ranson in Jefferson County, West Virginia, was officially established in 1910. It was named in honor of Dr. James Ranson, a dentist and farmer living in the area

**BALTIMORE**  
76.3 mi



**WASHINGTON DC**  
66.7 mi

RansonGreen is part of one of the most historic areas in the United States. Charles Town was originally surveyed and developed by Charles Washington, George Washington's brother.

Nearby are Harper's Ferry National Historic Park and the colonial towns of Frederick and Hagerstown, MD and Winchester and Leesburg, VA. Martinsburg, WVA is in close proximity as is Shepherdstown with its University.

More importantly, Washington, DC is a little more than an hour drive away. Leesburg is within half an hour and Dulles airport can be reached in forty minutes.

RansonGreen also benefits from outstanding rail and road access. Both Norfolk Southern and CSX have tracks that run either through or adjacent to RansonGreen. MARC commuter rail is already close to RansonGreen serving Martinsburg, Duffields and Harpers Ferry. It is envisioned that commuter rail service is highly probable with a commuter station located on site. Interstate 81 and Eastern West Virginia Regional Airport (home of Air Force 2) can be reached within 10 minutes using the newly completed limited access Rt. 9. Interstate 70 is less than 40 minutes away distant.

In addition, RansonGreen is immediately adjacent to Route 340, a major regional highway with Front Royal, VA and Frederick, MD within 30 minutes.

The Potomac and Shenandoah Rivers offer outstanding recreational opportunities. Cultural tourists, one of the most rapidly growing segments of the leisure travel industry, will find a host of exciting and educational venues in the area. These include Harpers Ferry, the C & O Canal, numerous parks, festivals and cultural events. Charles Town Races, Tables and Slots attracts large numbers of visitors and for those who like adventure, Summit Point Raceway, one of the nation's premiere private tracks, is just a few miles away.



RansonGreen Today

**Hospitals/medical centers near Corporation of Ranson:**

JEFFERSON MEMORIAL HOSPITAL (about 4 miles; RANSON, WV)  
CITY HOSPITAL (about 12 miles; MARTINSBURG, WV)  
LOUDOUN HOSPITAL CENTER, LANSDOWNE (about 22 miles; LEESBURG, VA)

**Airports certified for carrier operations nearest to Corporation of Ranson:**

HAGERSTOWN REGIONAL-RICHARD A HENSON FLD (about 30 miles; HAGERSTOWN, MD; ID: HGR)  
WASHINGTON DULLES INTERNATIONAL (about 38 miles; WASHINGTON, DC; ID: IAD)  
RONALD REAGAN WASHINGTON NATIONAL (about 66 miles; WASHINGTON, DC; ID: DCA)

**Other public-use airports nearest to Corporation of Ranson:**

EASTERN WV REGIONAL/SHEPHERD FLD (about 11 miles; MARTINSBURG, WV; ID: MRB)  
WINCHESTER REGIONAL (about 22 miles; WINCHESTER, VA; ID: OKV)  
LEESBURG EXECUTIVE (about 27 miles; LEESBURG, VA; ID: JYO)

**Amtrak stations near Corporation of Ranson:**

**10 miles:** HARPERS FERRY (POTOMAC ST.). Services: enclosed waiting area, public restrooms, public payphones, free short-term parking, free long-term parking, public transit connection.  
**13 miles:** MARTINSBURG (229 E. MARTIN ST.). Services: fully wheelchair accessible, enclosed waiting area, public restrooms, public payphones, paid short-term parking, taxi stand, public transit connection.

**Colleges/universities with over 2000 students nearest to Corporation of Ranson:**

SHEPHERD COLLEGE (about 7 miles; Shepherdstown, WV; Full-time enrollment: 3,576)  
SHENANDOAH UNIVERSITY (about 24 miles; WINCHESTER, VA; FT enrollment: 2,030)  
FREDERICK COMMUNITY COLLEGE (about 31 miles; FREDERICK, MD; FT enrollment: 2,407)  
LORD FAIRFAX COMMUNITY COLLEGE (about 34 miles; MIDDLETOWN, VA; FT enrollment: 2,064)  
GEORGE MASON UNIVERSITY (about 50 miles; FAIRFAX, VA; FT enrollment: 16,564)  
MONTGOMERY COLLEGE (about 50 miles; ROCKVILLE, MD; FT enrollment: 11,829)  
NORTHERN VIRGINIA COMMUNITY COLLEGE (about 55 miles; ANNANDALE, VA; FT enrollment: 19,406)



RansonGreen presents a great number of advantages to government agencies and companies seeking a location within easy reach of Washington.

- Sustainable community which not only conserves but produces power
- Innovative infrastructure that greatly reduces water usage
- Compact, mixed use development pattern
- Tremendous location in relation to Washington Metropolitan area
- Superior transportation accessibility
- Cost of Living 33% less than Washington Metropolitan area  
In close proximity to cultural, recreational and historic sites
- Well trained and available local work force

In recent years, the panhandle region of West Virginia has seen tremendous growth. Jefferson County's population alone has more than doubled since 1970. The area has become the preferred location for such high value government agencies such as the U.S. Coast Guard, Bureau of Alcohol, Tobacco and Firearms and US Customs. Private sector growth has been fueled by companies like Plethora Technology, Quebecor World Printing, Quad Graphics, Stasis Engineering, Radox Life Sciences General Motors and Charles Town races. A skilled and available workforce can supply the human capital needed to provide employees for incoming and expanding businesses.

RansonGreen will build upon all of the assets discussed above by providing one of the most unique and sustainable business climates in the nation. Business environments in RansonGreen range will from Class A office space in the Downtown West neighborhood, boutique professional services space in the Heights and flex/r&d facilities in the Heights.



**RansonGreen**  
DOWNTOWN  
Next 3 Exits

Concept master Plan presented is subject to alterations to reflect land ownership and/or future city limits of the City of Ranson

PHASE 1

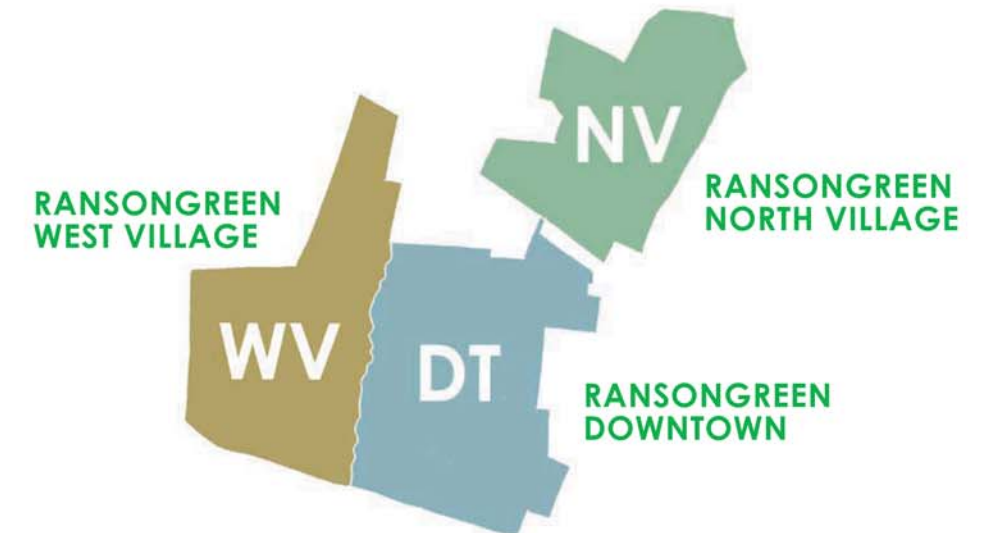
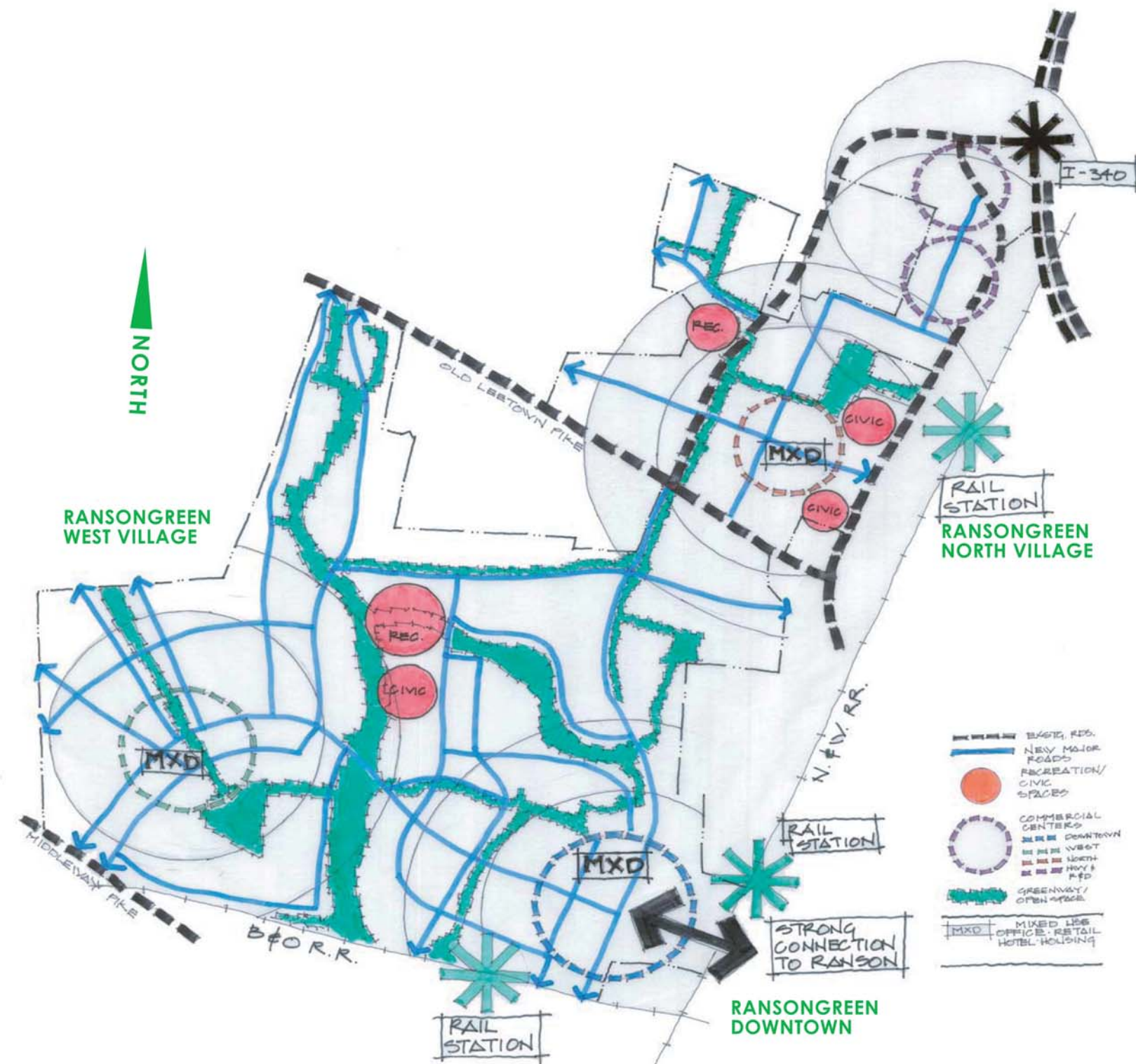
**RANSONGREEN**  
WEST VILLAGE



**RANSONGREEN**  
NORTH VILLAGE

**RANSONGREEN**  
DOWNTOWN

- Have all the amenities, services and conveniences necessary for a comfortable life style within easy walking distance of every worker and resident. Civic buildings, public squares, places of worship, schools and other such uses so important in establishing the common character of a community will be integral parts of RansonGreen.
- Have a comprehensive transportation system beginning with pleasant tree lined streets, convenient mass transit, and continuing through commuter rail connecting RansonGreen to Washington, DC and other employment centers.
- Provide a wide variety of housing types suitable for everyone be they young or old, wealthy or working class.
- Offer broad based employment opportunities for everyone, whatever their level of skill or educational attainment. A major effort will be directed at attracting green collar jobs and businesses which are related to the overall goal of sustainability which underlies the idea of RansonGreen.
- Be a place with strong and distinctive neighborhoods. West Downtown will be an extension of downtown Ranson. The North Village is reminiscent of an early 20th century street car suburb with its own shopping district. The West Village, will be a combination of work and living space, taking advantage of its strategic location in the transportation network.



RansonGreen represents a new paradigm for how cities are developed. By building the future on the best of the past RansonGreen will:

- Be a place to live, to work, to shop, to worship, to have fun, to learn, to meet friends, to create, to grow up and to grow old. It will be an extension of a real town with real traditions and not an imitation as are so many neo traditional developments.
- Embrace the latest wind, solar, hydrogen and biomass technologies. The design of urban infrastructure such as storm water management will avoid massive, power and resource consuming treatment plants in favor of gentler, more natural and yet more effective systems.
- Respect the wisdom of the past and use the lessons learned in traditional architecture to take advantage of prevailing winds, the orientation of the sun and the lay of the land to lessen the need for artificial lighting and heating and air conditioning.
- Draw upon the urban traditions of gridded streets and formal public spaces to create a city that is understandable and logical while maintaining flexibility in design and land use. Housing, retail, workplaces, recreation and civic uses will be integrated in a mixed use environment. An extensive system of trails and natural areas will amble throughout the city.

**CONCEPT MASTER PLAN**



## 356 FT. X 490 FT. BLOCKS

The design for the higher density areas at RansonGreen is composed principally of a set block dimension that can accommodate an extensive array of building types including:

- Single Family
- Townhouses
- Low Rise Apartments
- Condos
- Mid-Rise Apartments/Condos
- Apartments
- Condos over Retail
- Office over Retail
- Mid- Rise Office

This flexible structure gives RansonGreen exceptional adaptability in addressing changing market conditions over the course of the town's build-out. Drab uniformity is avoided by including variations in the pattern at significant locations and focal points such as the commercial centers, principal public spaces and uses. An innovative cluster housing design in the single family areas results in a higher density than conventional 1/4 acre lots while reducing overall paved area and preserving significant amounts of open space.

In addition to these features, RansonGreen is designed with "porous edges" meaning that numerous potential road connections to adjoining properties are provided so that growth, even many years into the future, can be accommodated in a manner consistent with the overall design.



Great cities are not monoliths but are composed of strong districts and neighborhoods with their own distinct character and look. RansonGreen will follow this example by creating three readily identifiable areas.

Downtown West will be an extension of Downtown Ranson and Charles Town and will allude to their form and architectural character. The core of Downtown will be the most densely developed district and will have the majority of the class A office space and national retailers.

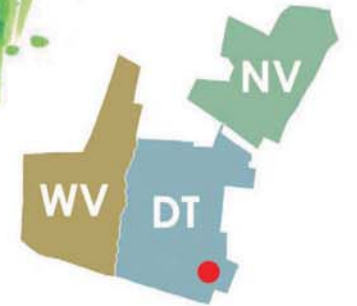
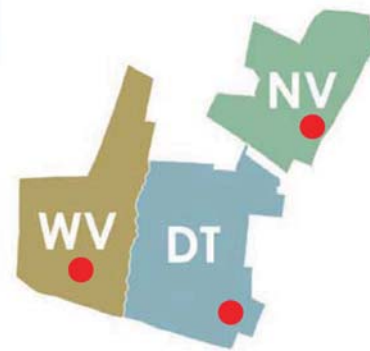
This part of Downtown will also have sophisticated housing options including high end condos and flats above the retail. There will also be at least two hotels adding their vibrancy to the area. The remainder of the district will consist of a variety of housing types closely linked to the retail and office areas.



West Village will be lower density with a higher proportion of single family and townhouses. The area will also have a considerable inventory of innovative cluster homes. The commercial district will have a wide variety of character giving, locally owned shops and restaurants with few national chains being present. Office opportunities will be geared more towards professional and personal services such as doctors, banks, attorneys and smaller, entrepreneurial businesses.

North Village has two distinct subareas. The village center and its surroundings are intended to have the feel of a small scale, traditional neighborhood. The retail will be centered on a grocery store which is supplemented by smaller scale shops and restaurants. The housing offerings resemble those of West Village but with a greater percentage of the housing being apartments in or immediately adjacent to the commercial district. The second component to North Village is an area containing uses such as flex and r&d space, offices, hotels and highway oriented commercial intended to take advantage of the Route 340 interchange.

Each of the districts described above will have sub-districts and neighborhoods that compliment the whole while also possessing their own image. Every place will be walkable with goods and services such as shopping, banking and restaurant within an easy stroll from almost everywhere. Linking all of the various districts, communities and neighborhoods will be an extensive system of paths, sidewalks, green spaces and parks.

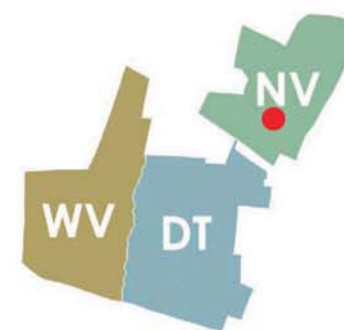






NORTH VILLAGE VIEW

Solar Heaters  
and/or PV cells





NORTH VILLAGE				
ZONE	USE	AREA (SF2)	# FL. STRUCT	PARKING SURFACE
<b>NORTH VILLAGE CENTER</b>				
	HOTEL	420,000	14	18
	BALLROOM	20,000	1	8
	RESTAURANT	14,000	1	8
	EXPO	100,000	2	18
	SURGERY CENTER	150,000	1/2	12
	MOB	60,000	3	8
	COMMUNITY CENTER	60,000	1/2	8
	AMPHITHEATER	40,000	1/2	12
	SALES OFFICE	30,000	1/2	24
	GROCERY	66,000	1/2	12
	RETAIL 1	66,000	1	19
	PARKING STRUCTURE			3300
	SPORTS FIELDS ABOVE			
<b>COMMERCIAL OFFICE ZONE</b>				
	OFFICE 1	120,000	5	8
	OFFICE 2	120,000	5	8
	PARKING STRUCTURE			960
<b>RANSONGREEN INSTITUTE</b>				
	R&D 1	120,000	5	8
	R&D 2	120,000	5	8
	PARKING STRUCTURE			820
	RETAIL 2	22,000	1	20
<b>STUDENT HOUSING</b>				
	STUDENT RES 1	132,000	5	8
	RETAIL 3	45,000	1	8
	PARKING STRUCTURE			360
	STUDENT RES 2	132,000	5	8
	PARKING STRUCTURE			360
<b>RESIDENTIAL ZONE</b>				
	RESIDENCE 1	205,000	10	8
	RESIDENCE 2	205,000	10	8
	AMENITIES	24,000	1	6
	PARKING STRUCTURE			444
	RESIDENCE 3	180,000	6	12
	RESIDENCE 4	180,000	6	12
	RESIDENCE 5	210,000	6	12
	PARKING STRUCTURE			590
	RESIDENCE 6	280,000	8	12
	AMENITIES	18,000	1	4
	PARKING STRUCTURE			456
	RESIDENCE 7	136,000	4	8
	RESIDENCE 8	64,000	4	8
	RETAIL	48,000	1	12
	PARKING STRUCTURE			410
<b>EQUESTRIAN CENTER</b>				
	AMENITIES	48,000	1	
<b>PATRIOT OUTREACH HQ AND FACILITIES</b>				
	VETERANS FACILITY	275,000	2	75
	RESIDENCES 9,10,11,12	450,000	6	450
<b>TOTAL</b>		<b>4,060,000</b>	<b>8150</b>	<b>400</b>

(EXCLUDING DEVELOPER LOTS OF NORTH VILLAGE)

- 1 HOTEL 600 ROOMS
- 2 BALLROOM/MEETING ROOMS
- 3 CONFERENCE/EXHIBITION HALL FOR GREEN TECHNOLOGY
- 4 SURGERY CENTER
- 5 MEDICAL OFFICE BUILDING (MOB)
- 6 COMMUNITY CENTER
- 7 AMPHITHEATER | 2500 SEATS
- 8 RESTAURANTS
- 9 R&D CAMPUS BUILDINGS
- 10 OFFICE BUILDINGS
- 11 STUDENT HOUSING
- 12 RETAIL 1
- 13 RETAIL 2
- 14 RETAIL 3
- 15 GROCERY
- 16 PATRIOT OUTREACH
- 17 HQ / ARCHIVES / TREATMENT
- 18 EQUESTRIAN CENTER
- 19 RESIDENTIAL 1
- 20 RESIDENTIAL 2
- 21 RESIDENTIAL 3
- 22 RESIDENTIAL 4
- 23 RESIDENTIAL 5
- 24 RESIDENTIAL 6
- 25 RESIDENTIAL 7
- 26 RESIDENTIAL 8
- 27 RESIDENTIAL 9
- 28 RESIDENTIAL 10
- 29 RESIDENTIAL 11
- 30 RESIDENTIAL 12
- 31 SALES CENTER AND SHOW HOUSING UNITS (FUTURE PATRIOT OUTREACH USE)
- 32 PARKING GARAGE | 3300 SPACES



FUTURE WELCOME CENTER  
PATRIOT OUTREACH/ HUM

FUTURE DRESSAGE  
AND POLO FIELDS



NORTH VILLAGE AERIAL VIEWS



<http://www.PatriotOutreach.org>



One component of the RansonGreen is an 'Outreach Programs' such as Patriot Outreach

A significant number of institutes and associations are working in the field of stress disorder. Few have formal programs for the management of stress in specified populations with cultural differences. Only HUM is focused on creating an international program of research, development, assessment, and training over the entire spectrum of Preparatory, Recovery, and Sustainment.

Patriot Outreach's Human Understanding Matrix (HUM) Initiative is a universal, self-sustaining, multi-disciplined scientific approach to combat Human Stress disorders caused by a myriad of events such as: natural disasters, civil strife, wars and daily stress; resulting in a number of debilitating, but treatable, physical and behavioral conditions.

The HUM programs provide a three tiered scientific and effective solution base to identify and overcome Human Stress Disorders, primarily PTSD (Post Traumatic Stress Disorder) and TBI (Traumatic Brain Injuries). This includes several stress related debilitating and a-social behavior symptoms, such as suicidal tendency, rage, confusion, depression, substance abuse, panic attacks, deep guilt, low self-esteem, and sleep deprivation.

The two fold goal is first to establish a leading, self-sustaining internationally recognized Center of Excellence with a collaborative, cooperative global network to provide effective programmatic support and services to all sufferers of Human Stress Disorders and secondly, to centralize and serve the diverse public, private and governmental parties whose varied interests intersect with Human Stress disorders

HUM mission essential tasks are organized into executable programs with separate personnel, facilities and equipment to achieve its primary objectives.



Pervious concrete pavement

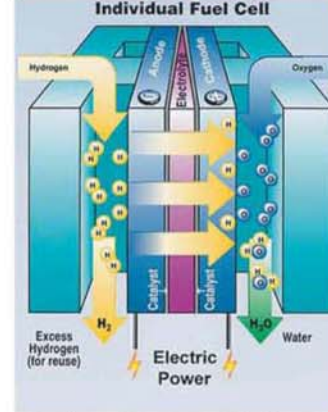


Polycrystalline PV cells

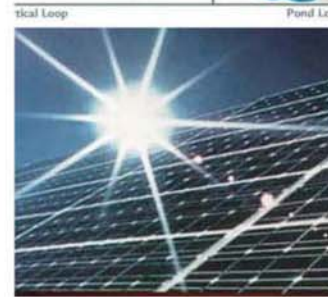
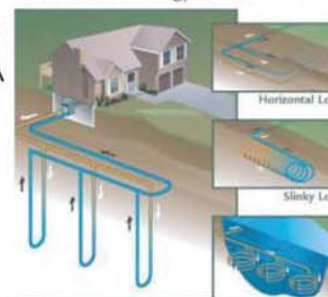
urban applied wind turbine



on-site gas and power generation systems



Geothermal Energy for the Home



It is absolutely imperative that we change how we construct our buildings and our cities. Buildings account for 18% of carbon emissions in the United States. Nearly 40% of the primary energy use globally is by buildings. Just as importantly, the car intensive design of our cities and towns and the paucity of public transportation greatly contribute to our very high level of energy use and the amount of unacceptably high level of carbon emissions. The design of RansonGreen is intended to address these conditions by setting a new paradigm in urban development.

The result will be a city where:

Sufficient energy is generated by solar panel and wind turbine arrays, geothermal installations, hydrogen generators and biomass heat capture to power the entire city and even to provide power to the grid.

Water usage is cut by at least 60% by capturing rainwater, using native vegetation, very high efficiency fixtures, use of grey water for irrigation and other methods. As a result the amount of effluent produced will be greatly reduced allowing for the use of multiple small packaged treatment plants in lieu of a sanitary sewer lines and major treatment plants.

Pervious asphalt and concrete virtually eliminate stormwater runoff and the need for active stormwater management.

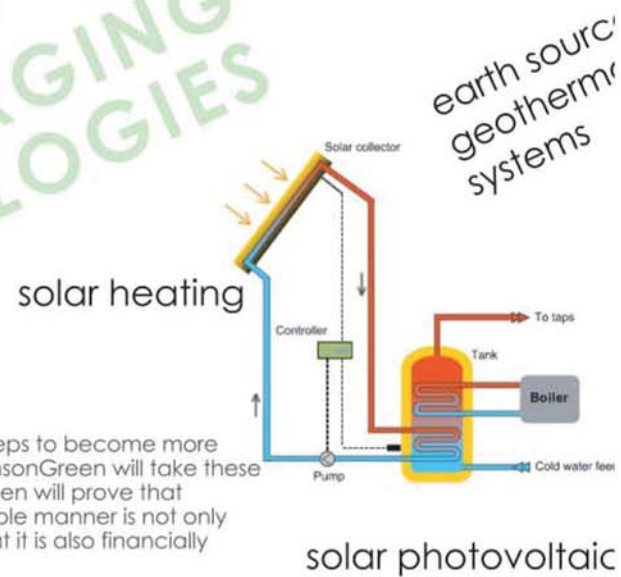
Green roofs, proper building orientation, high quality construction, passive solar design, intelligent building controls and a number of other techniques greatly reduce the overall energy demand by all buildings in RansonGreen.

Universal recycling will significantly decrease the waste stream and will also provide a potential energy resource through waste to energy facilities.

Greater daylighting, improved indoor air quality and the other attributes of green buildings spaces increase productivity for workers and improve the health of residents.

The compact, mixed use pattern of development coupled with efficient and pleasant mass transit, eliminates a considerable number of automobile trips.

**EMERGING TECHNOLOGIES**



solar photovoltaic

Cities around the world are undertaking steps to become more sustainable and more carbon neutral. RansonGreen will take these efforts to an entirely new level. RansonGreen will prove that developing in an environmentally responsible manner is not only the right and necessary thing to do but that it is also financially feasible.



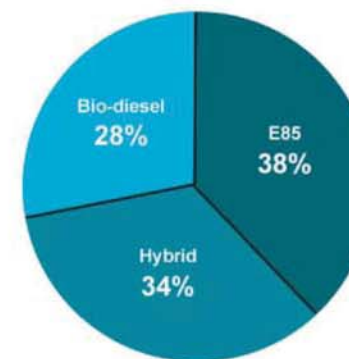


### ■ The Changing Face of Fuel Energy

For the past century we have relied on gasoline and diesel fuels to power our automobiles, buses, and trucks. However, the recent energy crisis has seen the price of these fuels we depend on rise to levels we previously could not have imagined. The result of skyrocketing fuel costs have sent shockwaves through the economy affecting the prices of everything we consume.

- In addition to these financial issues there are growing concerns about global warming that experts believe are directly linked to the greenhouse gases we are emitting into the atmosphere by our ever increasing need for energy in transportation and industry. We must find a way to reverse these trends before it is too late and we face consequences that we will not be able to control.
- To do this we must be innovative and explore options that were not considered feasible in the past because there were less expensive alternatives available. This is all changing as a result of the record breaking cost of foreign oil which is only going to go up in the future.
- Automotive manufacturers have begun to design vehicles that will run on an assortment of alternative fuels. These include ethanol, compressed natural gas, and hydrogen. The things that each of these fuels have in common is that they can all be produced domestically, they are less polluting, and cost less at the pump. For the foreseeable future there will be no clear cut winner.
- These alternative fuel vehicles will coexist with each other. This means that we must provide fueling stations that supply these fuels so that popularity of these vehicles will increase. In order to make alternative fueling stations a reality a number of logistical problems must be overcome. Not the least of which is scaling supply to meet demand as numbers of alternative fuel vehicles grow. Also alternative fueling stations must exist in sufficient numbers to make highway driving feasible.

### Alternative Fuel Vehicle Interest



Source Autobytel Inc.



### ■ Emerging Alternative Fuel Vehicles

NGVs (Natural Gas Vehicles), Hydrogen for fuel cell electric vehicles and Hydrogen internal combustion vehicles

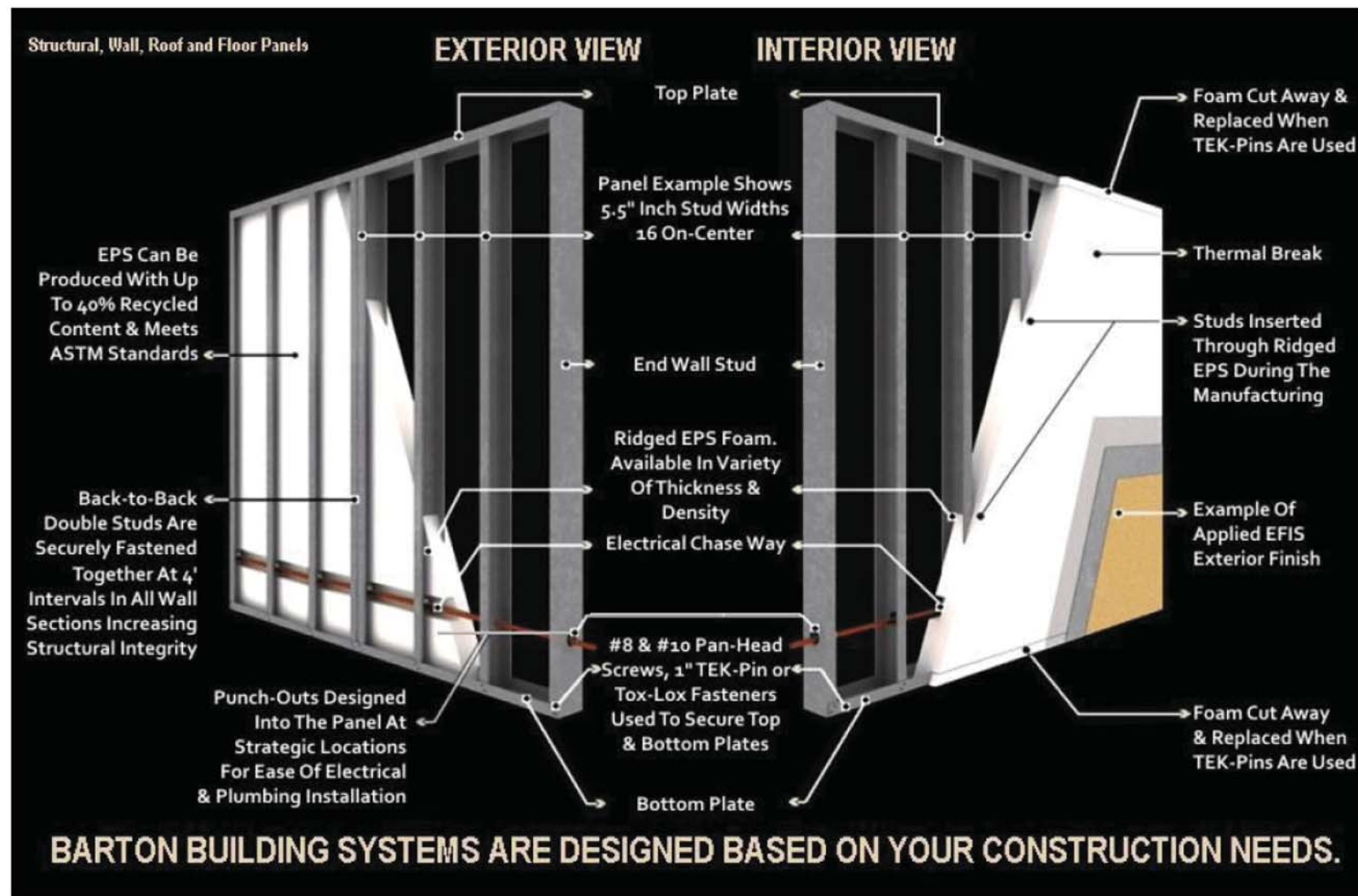
- Natural Gas Vehicles are among the most popular alternative vehicles today primarily because gasoline and diesel burning engines can be directly converted for use with natural gas without replacing basic engine parts. One of the most visible converted natural gas vehicles are mass transit busses since due to the considerable fuel cost savings and are much cleaner running than their diesel counterparts.

- Currently there is only one production NGV automobile available in the USA, the Honda Civic GX, but this is likely to change soon. In addition the EPA has approved several conversion kits for GM and Ford engine families for light through heavy duty trucks, SUVs, and fleet vehicles. NGVs typically use one of two varieties of natural gas: Compressed Natural Gas (CNG) or Liquefied Natural Gas (LNG). The preferred fueling method for light to medium NGVs, CNG stations dispense between five and ten gallons per minute. Heavy-duty NGVs with weight and range requirements typically fuel up on LNG, which allows them to store more fuel on board with less tank weight. L/CNG stations can service both types of NGVs by converting LNG into CNG.

- Fuel Cell Electric Vehicles powered by hydrogen are also becoming a reality as fuel cell technology evolves. These vehicles utilize compressed hydrogen to generate electricity that in turn charges onboard batteries that powers their electric engines. Fuel cell electric vehicles produce no emissions whatsoever except water. Recently GM released several of their new Equinox Fuel Cell cars to test markets in Los Angeles, New York, and Washington DC. The object of this initiative is to gain valuable market feedback before the car reaches the commercial market. The Equinox won the Green Car Vision award for 2008. There were several other entries from Toyota, Honda, BMW, and Phoenix.

- Hydrogen Internal Combustion Vehicles offer yet another alternative. Like natural gas vehicles, gasoline burning engines can be converted to run on hydrogen cost-effectively. For example the BMW Hydrogen can run on either hydrogen or gasoline if there isn't a hydrogen fueling station nearby. Like fuel cell vehicles the Hydrogen 7's only emission is water.

- On a global level, hydrogen technology addresses the growing gaps in the supply of fossil fuels. More specifically, it is the only fuel that can allow for a reduction in the overall emission cycle, while meeting our energy needs in a sustainable way. Besides, not many fuels can be produced from renewable sources such as sun, wind, water and biomass



Barton Building Systems is invited to be the supplier of PISF wall, roof and floor panels for a 100% carbon free community.

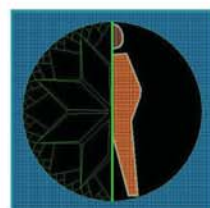
PISF stands for Pre Insulated Steel Frame. The most common production method incorporates structural light gauge steel framing members inserted into 4 inches of structural rigid expanded polystyrene foam board, addressing the thermal break with 1 inch of the eps foam board covering all of the exterior steel framing members. The interior side of the panel has 2-1/2 inches of open air space for electrical and plumbing. Steel members will be punched top and bottom for electrical and plumbing chases. Every four feet the panel has a double stud for added strength in high wind and seismic loads.

An exterior sheathing is optional as well as multiple insulation materials, such as Expanded polystyrene (EPS), 1/2 pound open-cell, 2 pound close cell spray foam insulation (roof and floor applications) and mineral wool.

Barton Building Systems assembles and installs a variety of steel panelized products, available in generic or standard sizes since 2001 in an assembly plant in Springfield, MO.

- Steel/Steel steel member web thickness 3-1/2 inches—14 inches, steel member gauge thickness 25 gauge to 12 gauge.
- Steel/Foam steel member web thickness 3-1/2 inches—14 inches, steel member gauge thickness 20 gauge to 14 gauge.
- Tech-Board multi-purpose construction board in some cases can be used as a replacement for exterior sheathing and drywall.
- We offer a variety of insulations including expanded polystyrene, 1/2 pound open cell, 2 pound close cell or Rock Wool..
- Exterior sheathing can be installed in the assembly facility as well as the insulation and all rough openings for windows and doors.
- Double studs are placed back to back, fastened together at four foot intervals in all wall sections. Thus increasing, the structural integrity of the wall panel.

Barton Building Systems attempts to use recycled materials in all commercial and residential projects. All PISF structures are thermal efficient and designed to withstand higher wind loads than conventional wood built structures. All PISF panels are individually designed based on each projects construction needs.



## BARTON BUILDING SYSTEMS

DESIGNED BASED ON YOUR CONSTRUCTION NEEDS

848 S. Cobble Creek Blvd.

Nixa, Missouri 65714

Phone: 417-207-6501 info@bartonbuildingsystems.com

### RECYCLED MATERIALS

- **STEEL 68%**
- **FOAM 40%**
- **TECH-BOARD 100%**



**Fredric L. Spain**  
*Managing Member and CEO*

Mr. Spain brings a wealth of business and project management experience to the Foundation. He has 35 years of experience in real estate and land development and responsible for annexing nearly 3,000 acres of land to the city of Ranson. Additionally, acquisition and planning for the newly built Potomac Market Place, a large retail center on Route 9 in Ranson. He is a real estate broker and developer having experience in general and commercial brokerage as well as land planning and vertical building spanning over 30 years. His experience includes large acreage parcels, shopping centers, office buildings, large and small lot subdivisions and multifamily developments.

His main sphere of activity has been in the Northern Virginia area and recently in the Panhandle Region of West Virginia where he believes there is a vibrancy of sustainable growth and a growing economy.



**Douglas N. Carter**  
*Architectural Director*

A founding principal of Davis Carter Scott, Mr. Carter has a wealth of knowledge and expertise in all aspects of architectural planning and design. With over 42 years of experience, he has developed and designed projects for Fortune 500 corporations, institutional, governmental and retail clients, hospitals and health care facilities throughout Europe and across the United States.

He is renowned for his abilities to create and conceptualize a design that reflects the clients' vision as well as the practical requirements and objectives. His work has been featured in Architectural Record, Building Design, Design and Construction, Urban Design Institute Publications, Newsweek and Time, as well as numerous local business publications.

Under his leadership, Davis Carter Scott has received over 150 local, national and international design awards, including: The Walter Taylor AIA and AASA Award, the National Energy Conservation / Owens-Corning National Award and the Northern Virginia Chapter AIA Citation for Energy in Architecture Award for Terraset Elementary School in Reston, Virginia.

Mr. Carter is also the recipient of the 1998 Northern Virginia AIA Award of Honor.



**Antonio P. Monaco**

Colonel Antonio P. Monaco is a retired Soldier of the US Army. He served in a variety of senior leadership and staff positions, which include Brigade-level and below commands, and deployments in support of Operation Iraqi Freedom/ Operation Enduring Freedom (OIF/OEF) and Bosnia (IFOR). Col. Monaco was honored for serving six years as ISO/IEC Secretariat for twenty-three International Bodies and Heads of Delegations in the development of international standards for Information Technology (Learning, Education, and Training).

Col. Monaco currently serves as the President for Patriot Outreach, a 501(c)3 nonprofit organization. He was the Kansas State President of the Reserve Officers Association (ROA). He holds a Bachelor of Arts degree in Political Science from UCLA, a Masters of Public Administration from the University of Oklahoma, and Masters of Strategic Studies from the US Army War College. Presently, Col. Monaco is the appointed Army Reserve Ambassador (a two star appointment) to the State of Kansas.

He is active in multiple civic, military, and private organizations and has established valuable working relationships with military/veteran organizations, government and community leaders.



**Robert L. Bryant**

Bob is an executive with more than 40 years of business experience. During his career, he has enjoyed the opportunity to conduct business throughout the US and around the world. His business experience includes key management assignments in manufacturing, banking, engineering and energy firms. His technical experience includes design engineering, consumer banking, information technology and process engineering.

In addition, he has consulted with the CEO or Founders of more than 50 companies engaged in a wide array of industries including architecture, engineering, consumer appliances, publications, energy, manufacturing, marketing services, financial services, and internet services. His consulting experience has focused on leadership, business strategy and performance improvement.

Bob is presently the Managing Partner of Ascent Energy Partners, LLC. Ascent is a distributed energy generation business that develops combined heat and power and waste to energy projects. He is also the Chief Strategist for RansonGreen Patriot Outreach Communities, a venture devoted to serving the needs of disabled veterans while simultaneously creating a totally green community.



**COL Arthur (Jack) F. Shafferman III, Retired,  
Supervising Engineer.**

With 29 years of experience (36 total years) with the Corps of Engineer as a Facilities Engineer, Construction Engineer, and Contract Engineer, Jack will be the quality control engineer for planning and construction of all facilities. He will supervise the day-to-day operations to ensure high-quality client support; management of staff and resources; monitor and enforce compliance; and provide advice and counsel. Jack has served three tours to OIF/OEF and during his first tour he served with the Multi-national Security Transition Command Iraq as an Iraqi Base Support Engineer. As the Engineer principal, Jack provided general and civil engineer advice for the construction of 10 Support Bases. He evaluated compliance with project and engineering standards, and analyzed a wide range of complex engineering problems. Other responsibilities included acting as a technical representative and an engineering consultant for operations. He reviewed all Base Support Unit's Statements of Work and Contracts to make certain that task orders were awarded using competitive procedures, and supported by appropriate justification. Jack worked closely with Iraq's Minister of Defense to capture costs and to control funds by assisting in the development of a 300 million dollar financial sustainment plan for maintaining the force equipment requirements to accomplish national objectives.



**William Maher**

Mr. Maher has over 25 years experience in critical power and energy systems and communications field with top management positions for GTE, JVA Systems and Tropic Engineering. In 1989, he founded Stationary Power Services, Inc. (SPS), growing the business to \$36 million in annual revenues by 1999. In 2002, he created SPS's telecommunications division and in July 2004, sold that division to concentrate on the design, installation and maintenance of reserve, un-interruptible energy systems. In 2005, he founded Reserve Power Systems, Inc. (RPS) in Tampa to manufacture high tech battery storage systems and power components with manufacturing located in Shenzhen, China.

In 2008, he founded Resenergy Corporation, manufacturing advanced renewable residential energy platforms. He developed a residential renewable energy platform for the "Hybrid Home." In 2009, he founded Energy Storage Technologies Inc to manufacture green energy storage devices and integrated storage solutions. He looks forward to moving these businesses to Ranson Green, providing not only cutting edge green energy solutions, but hundreds of high paying jobs and job training.



**Steve Barton**

Mr. Barton has a background in manufacturing, construction, oil, and has also owned and operated his own companies and worked as Vice President of Operations for a wall manufacturing company for five years implementing their procedures, policies, manufacturing techniques and operations. He developed a Standard Assembly Practices Manual for the entire line of products, and the manual for testing compliance for all state and federal code requirements.

He was also responsible for the redesigned production control methods, reducing costly overruns and errors by 18% , which saved the company thousands per month. He simplified training by providing



**Alfred D. Granite**  
*Technical / Medical Director*

Dr. Granite has doctorate degrees in dentistry and microbiology from Georgetown University. Following the practice of dentistry, he gained extensive knowledge of green technologies and materials as a consultant. In addition, he has significant experience with Information technologies, medical managed care and health technologies.

He has also been granted several US and foreign patents in the health, fitness and transportation fields.

He will have responsibility for technology vetting and implementation as well as medical center planning and deployment.



**Jerry A. Moore**

Dr. Moore is an enthusiast for the environment and carbon sequestration. At the EPA, he worked for 15 years in the pesticide field, writing a document which caused DDT, Aldrin, Dieldrin heptachlor and chlordane to be cancelled as environmental problems. He spent 10 years in research at EPA on EPA NOX, SOX, PM10, lead, ozone carbon monoxide as key atmospheric contaminants.

He chaired the air research committee at EPA. While teaching at NVCC, he and students completed over 3,000 research projects which assisted in the protection of the environment. He won the first federal thousand points of lights awards issued. He has owned 3 plan nurseries in northern Virginia and is an avid horticulturist. He began wildlife and forestry courses at NVCC and landscaped all 5 original campuses.



**John P. McDaniel**  
*Medical Consultant*

Mr. McDaniel served as CEO of MedStar Health, a multi-institutional healthcare organization from 1982 until his retirement in January, 2008. Since August, 2008, he has served as CEO of the Hickory Ridge Group, a private healthcare consulting and facilities development organization. He also serves on the board of 1st Mariner Bancorp, Wittenberg University, Consumer Health Services and the Mary and Daniel Loughran Foundation. He is past Chairman and current board member of the Greater Washington Board of Trade, a member of the Executive Committee of the Federal City Council, a member and past Chairman of the Maryland State Racing Commission and Vice Chairman of the Greater Baltimore Committee. He is a Fellow of the American College of Healthcare Executives, a member of the Economic Club of Washington and the National Association of Corporate Directors, and is a trustee of the National Capitol Area Foundation. On February 18, 2010, WRIT also announced the Board's election of Mr. McDaniel as Chairman, effective upon the expiration of Mr. Cronin's current board term at the Annual Meeting and the reelection of Mr. McDaniel.



**PatriotOutreach®**

Supporting all Warriors, Veterans, Retirees, Government Civilians, Battlefield Contractors and their Families



<http://www.PatriotOutreach.org>

## DEVELOPMENT TEAM

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## DESIGN TEAM



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