

Energy Positive Buildings: It Can Be Done!

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Location: Lumber Bridge, NC Hoke County 74,000 square feet 600+ students Climate zone 3



Integrated Design & Delivery







- Leased, Public Building, Privately Funded
- Designed to LEED Platinum Standards
- \$16M Estimated Savings in Electrical Costs over 40 years
- Reduce the total cost of ownership by approximately 75%
 - Construction, interest and energy



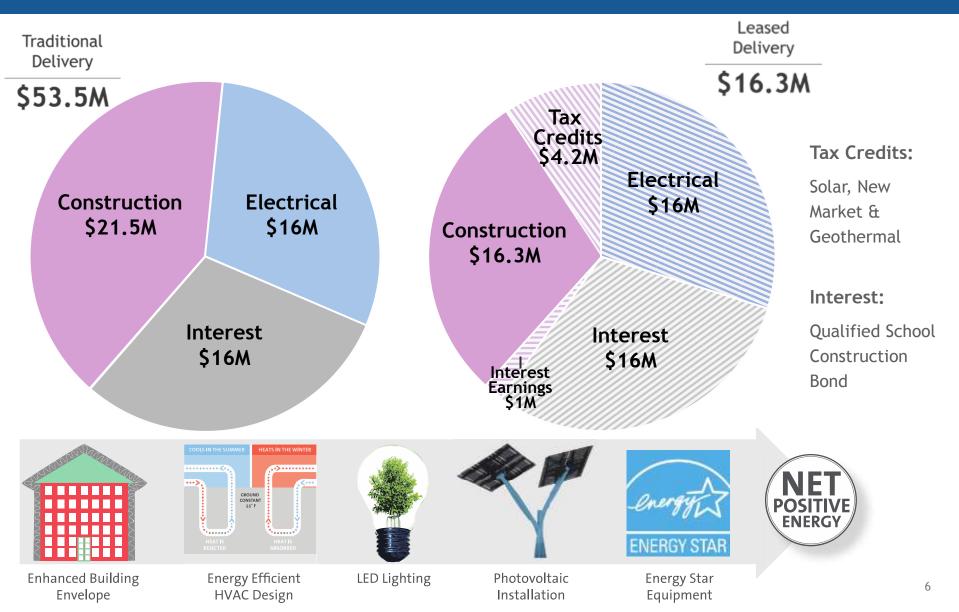




High Performance Systems

- Ground Source Geothermal
- High Output LED Lighting
- Load Bearing Masonry
- Enhanced Building Automation
 System
- Indoor Air Quality Monitoring
- Solar Photovoltaic (589 kW)









Sandy Grove Middle School Building Dashboard



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