



STATEMENT OF ENERGY DESIGN INTENT
August 30, 2006

FACILITY INFORMATION

Facility Name and Location

Prototype School
Richmond, VA - United States 23219

Building
Owner/Company
Address

Facility Characteristics

K-12 School 148,000 Sq. Ft.
Total Gross Floor Area 148,000 Sq. Ft.

Contact Name
Phone
Email

Design Energy (kBtu)1

Electricity 3,825,944
Natural Gas 569,800

DESIGN ENERGY PERFORMANCE RESULTS

Energy

Energy Performance Score
Site Energy Use Intensity (kBtu/sf/yr)
Total Annual Energy (kBtu)
Total Energy Cost (\$)

DESIGN

88
29.7
4,397,314
\$ 71,385

ENERGY STAR

75
37.9
5,611,910
\$ 91,103

Pollution Emissions (1000 lbs/yr)

CO2

2,451

3,092

PROFESSIONAL VERIFICATION

Licensed Architect/Engineer

Prepared By
Firm Name
Address
Phone
Email

Architect of Record (if different from above)

Name
Firm Name
Phone
Email

Professional Stamp
Signature & Date

The facility was designed and specified to meet the Design Energy performance calculations shown on this Statement of Energy Design Intent.

1 Target Finder uses data from "actual" performing buildings, therefore all energy use including plug, process, and all non-regulated loads, fuel sources and equipment specified in design must be included. An incomplete design energy use profile could result in a high but inaccurate rating.



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Facility Characteristics (Detail)

**K-12
School**

Gross Floor Area	Number of Students	Number of PCs	Operating Hours/Week	Cooking Facility	% Air-Conditioned	% Heated	Months Ventilated
148000 Sq. Ft.	950	450	60 Hours	Yes	100	100	12 Yes

Additional Information
