

# FIMS/CAIS RPV Models

## Replacement Plant Value (RPV) Models

### Standard Models (35)

Model #	Model Name	Model #	Model Name
E1	Housing - Small	E19	Parking – Below Ground
E2	Housing - Large	E20	Swimming Pool
E3	Auditorium/Meeting	E21	Post Office/Mail Handling
E4	Cafeteria/Dining Facility	E22	Gymnasium
E5	Classroom-Small	E23	Retail Store
E6	Classroom-Medium	E24	Security/Badging
E7	Fire Station	E25	Warehouse/Storage
E8	Garage, Repair	E26	Bank/Credit Union
E9	Hangar – Service Building	E27	Visitor Center
E10	Indoor Firing Range	E28	Office One Story
E11	Laboratory - Office	E29	Warehouse, Mini
E12	Laundry	E31	College, Dormitory, 2-3 Story
E13	Library	E33	Lodge/Guest House
E14	Medical Facility/Clinic	E34	Apartment 1-3 Story
E15	Office-Small	E35	Apartment 4-7 Story
E16	Office-Medium	E37	Hotel 4-7 Story
E17	Office-Large	E39	Telephone Exchange
E18	Parking – Above Ground		

### Custom Models (66)

Model #	Model Name	Model #	Model Name
N1	Bunkers/Magazines	N46	Building Sewage Treatment Plant
N2	Communication – Telephone Center	N50	Office Trailer - Mobile
N3	Computer Center	N51	Office Trailer - Single Wide
N4	Day Care Center	N52	Office Trailer - Double Wide
N5	Explosives Handling	N53	Office Trailer – Multiple 4 units
N6	Hardened Storage	N54	Office Trailer – 20,000SF
N7	High Bay Facility	N55	Fire Station 2 Story
N8	Labs-Hard Engineered (80/20)	N56	Metal Building - Shop 1,200SF
N9	Labs-Biology Environmental (80/20)	N57	Metal Building - Shop 36,000SF
N10	Labs-Chemistry (80/20)	N58	Metal Building - Shop 60,000SF
N11	Labs-Physics/Computer (80/20)	N59	Metal Building - Office 20,000
N12	Labs-Test/Blast (80/20)	N60	Metal Building - Office 40,000
N13	Machine Shop	N61	Metal Building - Car Port
N14	Maintenance Shops	N62	Personnel Gate Turnstile
N15	Paint Shop	N63	Metal Covered Walkways
N16	Process Building with Pool	N64	Lift Station Small
N17	Process Building-Small	N65	Lift Station Large
N18	Process Building-Large	N66	Substation Small
N19	Records Storage/Vault	N67	Substation Large
N21	Labs-Hard Engineered (50/50)	N68	Office Cast In Place Concrete 2 Story
N22	Labs-Biology Environmental (50/50)	N69	Office Cast In Place Concrete 4 Story
N23	Labs-Chemistry (50/50)	N70	Shop Cast In Place Concrete 24,000SF
N24	Labs- Physics/Computer (50/50)	N71	Shop Cast In Place Concrete 42,000SF
N25	Labs-Test/Blast (50/50)	N73	Shaft with Elevator System
N30	Office with Atrium	N74	Tunnel Nevada Drift
N31	Labs - High Radiation Examination	N75	Underground Building
N32	Multi-Purpose Facility - Large	N76	Guard Shack Metal
N33	Real Property Trailer	N77	Guard Shack Precast
N34	Accelerator - Ring	N78	Shed 300SF Open
N35	Pumping Stations	N79	Shed 300SF Open, Electricity
N36	Special Nuclear Materials Component Facility	N80	Shed 840SF Open
N37	Assembly Cell	N81	Shed 840SF Open, Electricity
N38	High Explosives Subassembly	N82	Shed 300SF Enclosed

N39	High Explosives Machining Facility	N83	Shed 300SF Enclosed, Electricity
N40	Chilled Water Plant- 9,000T Centrifugal	N84	Shed 840SF Enclosed
N41	Chilled Water Plant- 9,960T Absorption	N85	Shed 840SF Enclosed, Electricity
N42	Building Steam Power Plant	N86	Guard Tower Metal
N43	Steam Plant - Coal	N87	Guard Tower Precast
N44	Steam Plant - Gas	N88	High Security Nuclear Facility
N45	Steam Plant - Oil		

## Model Descriptions

Model No.	Model Name	Model Description						
E1	Housing - Small	<p>This model should be applied to small residential uses such as a house or small apartment. The model is based on a small 3-story apartment building with 8,000 square feet of floor area. The structure is light wood frame, with vinyl siding exterior, asphalt shingle roof, and packaged HVAC units.</p> <table border="1" style="width: 100%;"> <tr> <td>Perimeter (LF): 213</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 8,000</td> <td>Floor Height (LF): 10</td> </tr> <tr> <td>No of Floors: 3</td> <td></td> </tr> </table>	Perimeter (LF): 213	Location: National Average	Gross Sqft: 8,000	Floor Height (LF): 10	No of Floors: 3	
Perimeter (LF): 213	Location: National Average							
Gross Sqft: 8,000	Floor Height (LF): 10							
No of Floors: 3								
E2	Housing - Large	<p>This model should be applied to large residential uses such as a large apartments and dormitories. The model is based on a large 6-story apartment building with 45,000 square feet of floor area. The structure is light steel frame, with brick veneer exterior, built-up membrane roof, and packaged HVAC units.</p> <table border="1" style="width: 100%;"> <tr> <td>Perimeter (LF): 400</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 45,000</td> <td>Floor Height (LF): 10</td> </tr> <tr> <td>No of Floors: 6</td> <td></td> </tr> </table>	Perimeter (LF): 400	Location: National Average	Gross Sqft: 45,000	Floor Height (LF): 10	No of Floors: 6	
Perimeter (LF): 400	Location: National Average							
Gross Sqft: 45,000	Floor Height (LF): 10							
No of Floors: 6								
E3	Auditorium/Meeting	<p>This model should be applied to uses such as meeting facilities and auditoriums. The model is based on a 1-story building with 24,000 square feet of floor area. The structure is light steel frame, with brick veneer and CMU backup exterior, built-up membrane roof, and roof-top HVAC units and central air system.</p> <table border="1" style="width: 100%;"> <tr> <td>Perimeter (LF): 640</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 24,000</td> <td>Floor Height (LF): 24</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 640	Location: National Average	Gross Sqft: 24,000	Floor Height (LF): 24	No of Floors: 1	
Perimeter (LF): 640	Location: National Average							
Gross Sqft: 24,000	Floor Height (LF): 24							
No of Floors: 1								
E4	Cafeteria/Dining Facility	<p>This model should be applied to uses such as cafeteria and dining facilities. The model is based on a 1-story building with 8,000 square feet of floor area. The structure is light steel frame, with brick veneer and CMU backup exterior, single-ply membrane roof, and roof-top HVAC units and central air system.</p> <table border="1" style="width: 100%;"> <tr> <td>Perimeter (LF): 368</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 8,000</td> <td>Floor Height (LF): 12</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 368	Location: National Average	Gross Sqft: 8,000	Floor Height (LF): 12	No of Floors: 1	
Perimeter (LF): 368	Location: National Average							
Gross Sqft: 8,000	Floor Height (LF): 12							
No of Floors: 1								

Model No.	Model Name	Model Description						
E5	Classroom - Small	<p>This model should be applied to uses such as small size classroom and training facilities. The model is based on a 1-story building with 45,000 square feet of floor area. The structure is steel frame, with brick veneer and CMU backup exterior, built-up membrane roof, and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 922</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 45,000</td> <td>Floor Height (LF): 12</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 922	Location: National Average	Gross Sqft: 45,000	Floor Height (LF): 12	No of Floors: 1	
Perimeter (LF): 922	Location: National Average							
Gross Sqft: 45,000	Floor Height (LF): 12							
No of Floors: 1								
E6	Classroom - Medium	<p>This model should be applied to uses such as medium size classroom and training facilities. The model is based on a 2-story building with 110,000 square feet of floor area. The structure is steel frame, with brick veneer and CMU backup exterior, built-up membrane roof, and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 1,890</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 110,000</td> <td>Floor Height (LF): 12</td> </tr> <tr> <td>No of Floors: 2</td> <td></td> </tr> </table>	Perimeter (LF): 1,890	Location: National Average	Gross Sqft: 110,000	Floor Height (LF): 12	No of Floors: 2	
Perimeter (LF): 1,890	Location: National Average							
Gross Sqft: 110,000	Floor Height (LF): 12							
No of Floors: 2								
E7	Fire Station	<p>This model should be applied to all fire station facilities. The model is based on a 1-story building with 8,000 square feet of floor area. The structure is steel frame, with decorative block exterior, built-up membrane roof, and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 386</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 8,000</td> <td>Floor Height (LF): 14</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 386	Location: National Average	Gross Sqft: 8,000	Floor Height (LF): 14	No of Floors: 1	
Perimeter (LF): 386	Location: National Average							
Gross Sqft: 8,000	Floor Height (LF): 14							
No of Floors: 1								
E8	Garage, Repair	<p>This model should be applied to vehicle repair type uses and facilities. The model is based on a 1-story building with 10,000 square feet of floor area. The structure is masonry bearing wall with steel joist, with painted concrete block exterior, built-up membrane roof, and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 500</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 10,000</td> <td>Floor Height (LF): 14</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 500	Location: National Average	Gross Sqft: 10,000	Floor Height (LF): 14	No of Floors: 1	
Perimeter (LF): 500	Location: National Average							
Gross Sqft: 10,000	Floor Height (LF): 14							
No of Floors: 1								
E9	Hangar – Service Building	<p>This model should be applied to hanger type uses and large clear-span open area facilities. The model is based on a 1-story building with 20,000 square feet of floor area. The structure is steel frame, with galvanized steel siding exterior, single-ply membrane roof, and unit heaters.</p> <table border="1"> <tr> <td>Perimeter (LF): 580</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 20,000</td> <td>Floor Height (LF): 24</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 580	Location: National Average	Gross Sqft: 20,000	Floor Height (LF): 24	No of Floors: 1	
Perimeter (LF): 580	Location: National Average							
Gross Sqft: 20,000	Floor Height (LF): 24							
No of Floors: 1								

Model No.	Model Name	Model Description						
E10	Indoor Firing Range	<p>This model should be applied to indoor firing ranges with 4-6 firing stations. The model is based on a 1-story firing range with 4-6 firing stations 14,000 square feet of floor area. The structure is masonry bearing wall with steel joist, with painted concrete block exterior, built-up membrane roof, and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 491</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 14,000</td> <td>Floor Height (LF): 14</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 491	Location: National Average	Gross Sqft: 14,000	Floor Height (LF): 14	No of Floors: 1	
Perimeter (LF): 491	Location: National Average							
Gross Sqft: 14,000	Floor Height (LF): 14							
No of Floors: 1								
E11	Laboratory - Office	<p>This model should be applied to all simple light use combination laboratory/office uses such as a medical diagnostic lab. The model is based on a 1-story building with 45,000 square feet of floor area. The structure is masonry bearing wall with steel joists, with brick veneer and CMU backup exterior, built-up membrane roof, and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 900</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 45,000</td> <td>Floor Height (LF): 12</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 900	Location: National Average	Gross Sqft: 45,000	Floor Height (LF): 12	No of Floors: 1	
Perimeter (LF): 900	Location: National Average							
Gross Sqft: 45,000	Floor Height (LF): 12							
No of Floors: 1								
E12	Laundry	<p>This model should be applied to laundry type uses and facilities. The model is based on a 1-story building with 15,000 square feet of floor area. The structure is steel frame, with brick veneer and CMU backup exterior, built-up membrane roof, and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 490</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 15,000</td> <td>Floor Height (LF): 12</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 490	Location: National Average	Gross Sqft: 15,000	Floor Height (LF): 12	No of Floors: 1	
Perimeter (LF): 490	Location: National Average							
Gross Sqft: 15,000	Floor Height (LF): 12							
No of Floors: 1								
E13	Library	<p>This model should be applied to all library facilities. The model is based on a 2-story building with 22,000 square feet of floor area. The structure is steel frame, with brick veneer and CMU backup exterior, single-ply membrane roof, and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 435</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 22,000</td> <td>Floor Height (LF): 14</td> </tr> <tr> <td>No of Floors: 2</td> <td></td> </tr> </table>	Perimeter (LF): 435	Location: National Average	Gross Sqft: 22,000	Floor Height (LF): 14	No of Floors: 2	
Perimeter (LF): 435	Location: National Average							
Gross Sqft: 22,000	Floor Height (LF): 14							
No of Floors: 2								
E14	Medical Facility/Clinic	<p>This model should be applied to all medical clinic and diagnostic type facilities and uses. The model is based on a 1-story building with 7,000 square feet of floor area. The structure is masonry bearing wall with steel joists, with brick veneer and CMU backup exterior, single-ply membrane roof, and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 380</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 7,000</td> <td>Floor Height (LF): 10</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 380	Location: National Average	Gross Sqft: 7,000	Floor Height (LF): 10	No of Floors: 1	
Perimeter (LF): 380	Location: National Average							
Gross Sqft: 7,000	Floor Height (LF): 10							
No of Floors: 1								

Model No.	Model Name	Model Description						
E15	Office - Small	<p>This model should be applied to small office facilities less than 80,000SF. The model is based on a 3-story building with 35,000 square feet of floor area. The structure is steel frame, with brick veneer and CMU backup exterior, single-ply membrane roof, and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 440</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 35,000</td> <td>Floor Height (LF): 12</td> </tr> <tr> <td>No of Floors: 3</td> <td></td> </tr> </table>	Perimeter (LF): 440	Location: National Average	Gross Sqft: 35,000	Floor Height (LF): 12	No of Floors: 3	
Perimeter (LF): 440	Location: National Average							
Gross Sqft: 35,000	Floor Height (LF): 12							
No of Floors: 3								
E16	Office - Medium	<p>This model should be applied to medium size office facilities between 80,000 and 150,000SF. The model is based on a 3-story building with 80,000 square feet of floor area. The structure is concrete frame, with glass curtainwall exterior, single-ply membrane roof, and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 670</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 80,000</td> <td>Floor Height (LF): 12</td> </tr> <tr> <td>No of Floors: 3</td> <td></td> </tr> </table>	Perimeter (LF): 670	Location: National Average	Gross Sqft: 80,000	Floor Height (LF): 12	No of Floors: 3	
Perimeter (LF): 670	Location: National Average							
Gross Sqft: 80,000	Floor Height (LF): 12							
No of Floors: 3								
E17	Office – Large	<p>This model should be applied to large size office facilities between 150,000 and 250,000SF. The model is based on an 8-story building with 150,000 square feet of floor area. The structure is steel frame, with precast concrete exterior, single-ply membrane roof, and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 560</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 150,000</td> <td>Floor Height (LF): 12</td> </tr> <tr> <td>No of Floors: 8</td> <td></td> </tr> </table>	Perimeter (LF): 560	Location: National Average	Gross Sqft: 150,000	Floor Height (LF): 12	No of Floors: 8	
Perimeter (LF): 560	Location: National Average							
Gross Sqft: 150,000	Floor Height (LF): 12							
No of Floors: 8								
E18	Parking – Above Ground	<p>This model should be applied to above ground parking structures and decks. The model is based on a 5-story building with 115,000 square feet of floor area. The structure is concrete frame, with precast concrete exterior, no roof, and no mechanical HVAC systems.</p> <table border="1"> <tr> <td>Perimeter (LF): 638</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 115,000</td> <td>Floor Height (LF): 10</td> </tr> <tr> <td>No of Floors: 5</td> <td></td> </tr> </table>	Perimeter (LF): 638	Location: National Average	Gross Sqft: 115,000	Floor Height (LF): 10	No of Floors: 5	
Perimeter (LF): 638	Location: National Average							
Gross Sqft: 115,000	Floor Height (LF): 10							
No of Floors: 5								
E19	Parking – Below Ground	<p>This model should be applied to below ground parking structures and decks. The model is based on a 2-story building with 100,000 square feet of floor area. The structure is concrete frame, with concrete foundation walls, no roof, and no mechanical HVAC systems.</p> <table border="1"> <tr> <td>Perimeter (LF): 900</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 110,000</td> <td>Floor Height (LF): 10</td> </tr> <tr> <td>No of Floors: 2</td> <td></td> </tr> </table>	Perimeter (LF): 900	Location: National Average	Gross Sqft: 110,000	Floor Height (LF): 10	No of Floors: 2	
Perimeter (LF): 900	Location: National Average							
Gross Sqft: 110,000	Floor Height (LF): 10							
No of Floors: 2								

Model No.	Model Name	Model Description						
E20	Swimming Pool	<p>This model should be applied to enclosed swimming pool facilities. The model is based on a 1-story building with 20,000 square feet of floor area. The structure is masonry bearing wall with steel joists, with brick veneer and CMU backup exterior, single-ply membrane roof, and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 600</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 20,000</td> <td>Floor Height (LF): 24</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 600	Location: National Average	Gross Sqft: 20,000	Floor Height (LF): 24	No of Floors: 1	
Perimeter (LF): 600	Location: National Average							
Gross Sqft: 20,000	Floor Height (LF): 24							
No of Floors: 1								
E21	Post Office/Mail Handling	<p>This model should be applied to all post office and mail facilities. The model is based on a 1-story building with 13,000 square feet of floor area. The structure is steel frame, with brick veneer and CMU backup exterior, single-ply membrane roof, and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 486</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 13,000</td> <td>Floor Height (LF): 14</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 486	Location: National Average	Gross Sqft: 13,000	Floor Height (LF): 14	No of Floors: 1	
Perimeter (LF): 486	Location: National Average							
Gross Sqft: 13,000	Floor Height (LF): 14							
No of Floors: 1								
E22	Recreation Center/Gymnasium	<p>This model should be applied to all recreational and gymnasium facilities. The model is based on a 1-story building with 20,000 square feet of floor area. The structure is steel frame, with painted concrete block exterior, single-ply membrane roof, and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 486</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 20,000</td> <td>Floor Height (LF): 25</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 486	Location: National Average	Gross Sqft: 20,000	Floor Height (LF): 25	No of Floors: 1	
Perimeter (LF): 486	Location: National Average							
Gross Sqft: 20,000	Floor Height (LF): 25							
No of Floors: 1								
E23	Retail Store	<p>This model should be applied to all retail stores and product sales related facilities. The model is based on a 1-story building with 8,000 square feet of floor area. The structure is masonry bearing wall with steel joist, with decorative concrete block exterior, single-ply membrane roof, and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 360</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 8,000</td> <td>Floor Height (LF): 14</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 360	Location: National Average	Gross Sqft: 8,000	Floor Height (LF): 14	No of Floors: 1	
Perimeter (LF): 360	Location: National Average							
Gross Sqft: 8,000	Floor Height (LF): 14							
No of Floors: 1								
E24	Security/Badging	<p>This model should be applied to all security, badging, and site entry processing centers and facilities. The model is based on a 2-story building with 15,000 square feet of floor area. The structure is masonry bearing wall with steel joists, with brick veneer and CMU backup exterior, single-ply membrane roof, and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 354</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 15,000</td> <td>Floor Height (LF): 12</td> </tr> <tr> <td>No of Floors: 2</td> <td></td> </tr> </table>	Perimeter (LF): 354	Location: National Average	Gross Sqft: 15,000	Floor Height (LF): 12	No of Floors: 2	
Perimeter (LF): 354	Location: National Average							
Gross Sqft: 15,000	Floor Height (LF): 12							
No of Floors: 2								

Model No.	Model Name	Model Description						
E25	Warehouse/Storage	<p>This model should be applied to all pre-engineered type structures used for storage and support facilities. The model is based on a 1-story building with 40,000 square feet of floor area. The structure is steel frame, with galvanized steel siding exterior, metal roof, and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 833</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 40,000</td> <td>Floor Height (LF): 24</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 833	Location: National Average	Gross Sqft: 40,000	Floor Height (LF): 24	No of Floors: 1	
Perimeter (LF): 833	Location: National Average							
Gross Sqft: 40,000	Floor Height (LF): 24							
No of Floors: 1								
E26	Bank/Credit Union	<p>This model should be applied to all banking and credit union type facilities. The model is based on a 1-story building with 6,200 square feet of floor area. The structure is a steel frame building with steel joists, with brick veneer and CMU backup exterior, single-ply membrane roof, and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 317</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 6,200</td> <td>Floor Height (LF): 14</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 317	Location: National Average	Gross Sqft: 6,200	Floor Height (LF): 14	No of Floors: 1	
Perimeter (LF): 317	Location: National Average							
Gross Sqft: 6,200	Floor Height (LF): 14							
No of Floors: 1								
E27	Visitor Center	<p>This model should be applied to all visitor centers and small museum type facilities. The model is based on a 1-story building with 24,000 square feet of floor area. The structure is masonry bearing wall with steel joists, with brick veneer and CMU backup exterior, single-ply membrane roof, and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 680</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 24,000</td> <td>Floor Height (LF): 12</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 680	Location: National Average	Gross Sqft: 24,000	Floor Height (LF): 12	No of Floors: 1	
Perimeter (LF): 680	Location: National Average							
Gross Sqft: 24,000	Floor Height (LF): 12							
No of Floors: 1								
E28	Office One Story	<p>This model is a one-story office facilities. The model is based on a 1-story building with 7,000 square feet of floor area. The structure is brick on block with a steel roof deck and single ply membrane roof.</p> <table border="1"> <tr> <td>Perimeter (LF): 360</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 7,000</td> <td>Floor Height (LF): 12</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 360	Location: National Average	Gross Sqft: 7,000	Floor Height (LF): 12	No of Floors: 1	
Perimeter (LF): 360	Location: National Average							
Gross Sqft: 7,000	Floor Height (LF): 12							
No of Floors: 1								
E29	Warehouse, Mini	<p>This model is a one-story storage and support building with a 12' story height. The model is based on a 20,000 square feet of floor area. The model is concrete block steel frame.</p> <table border="1"> <tr> <td>Perimeter (LF): 900</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 20,000</td> <td>Floor Height (LF): 12</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 900	Location: National Average	Gross Sqft: 20,000	Floor Height (LF): 12	No of Floors: 1	
Perimeter (LF): 900	Location: National Average							
Gross Sqft: 20,000	Floor Height (LF): 12							
No of Floors: 1								

Model No.	Model Name	Model Description						
<b>E31</b>	College, Dormitory, 2-3 story	<p>This model should be applied to residential use as dormitories. The model is based on a 3-story building with 25,000 square feet of floor area and 12' story height. The structure is face brick with concrete block backup with a rigid concrete frame and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 400</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 25,000</td> <td>Floor Height (LF): 12</td> </tr> <tr> <td>No of Floors: 3</td> <td></td> </tr> </table>	Perimeter (LF): 400	Location: National Average	Gross Sqft: 25,000	Floor Height (LF): 12	No of Floors: 3	
Perimeter (LF): 400	Location: National Average							
Gross Sqft: 25,000	Floor Height (LF): 12							
No of Floors: 3								
<b>E33</b>	Lodge/Guest House	<p>This model should be applied to residential use as a lodge or guest houses. The model is based on a 2-story building with 10,000 square feet of floor area and 10' story height. The structure is a wood frame with cedar beveled siding.</p> <table border="1"> <tr> <td>Perimeter (LF): 300</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 10,000</td> <td>Floor Height (LF): 10</td> </tr> <tr> <td>No of Floors: 2</td> <td></td> </tr> </table>	Perimeter (LF): 300	Location: National Average	Gross Sqft: 10,000	Floor Height (LF): 10	No of Floors: 2	
Perimeter (LF): 300	Location: National Average							
Gross Sqft: 10,000	Floor Height (LF): 10							
No of Floors: 2								
<b>E34</b>	Apartment 1-3 Story	<p>This model should be applied to residential use as small apartment building. The model is based on a 3-story building with 22,500 square feet of floor area and 10' story height. The structure is face brick with concrete block back-up with steel joists and chilled water, air cooled condenser system.</p> <table border="1"> <tr> <td>Perimeter (LF): 400</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 22,500</td> <td>Floor Height (LF): 10</td> </tr> <tr> <td>No of Floors: 3</td> <td></td> </tr> </table>	Perimeter (LF): 400	Location: National Average	Gross Sqft: 22,500	Floor Height (LF): 10	No of Floors: 3	
Perimeter (LF): 400	Location: National Average							
Gross Sqft: 22,500	Floor Height (LF): 10							
No of Floors: 3								
<b>E35</b>	Apartment 4-7 Story	<p>This model should be applied to residential use as a medium apartment building. The model is based on a 6-story building with 60,000 square feet of floor area and 10'-4" story height. The structure is face brick with concrete block back-up with steel joists and chilled water, air cooled condenser system.</p> <table border="1"> <tr> <td>Perimeter (LF): 500</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 60,000</td> <td>Floor Height (LF): 10</td> </tr> <tr> <td>No of Floors: 6</td> <td></td> </tr> </table>	Perimeter (LF): 500	Location: National Average	Gross Sqft: 60,000	Floor Height (LF): 10	No of Floors: 6	
Perimeter (LF): 500	Location: National Average							
Gross Sqft: 60,000	Floor Height (LF): 10							
No of Floors: 6								
<b>E37</b>	Hotel 4-7 Story	<p>This model should be applied for use as a small hotel or similar facility. The model is based on a 6-story building with 135,000 square feet of floor area and 10' story height. The structure is face brick with concrete block back-up and a steel frame and oil fired hot water boiler, wall fin Radiationiation and chilled water fan coiled units.</p> <table border="1"> <tr> <td>Perimeter (LF): 500</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 60,000</td> <td>Floor Height (LF): 10</td> </tr> <tr> <td>No of Floors: 6</td> <td></td> </tr> </table>	Perimeter (LF): 500	Location: National Average	Gross Sqft: 60,000	Floor Height (LF): 10	No of Floors: 6	
Perimeter (LF): 500	Location: National Average							
Gross Sqft: 60,000	Floor Height (LF): 10							
No of Floors: 6								



Model No.	Model Name	Model Description						
<b>E39</b>	Telephone Exchange	<p>This model should be applied to all telephone exchange facilities and related uses. The model is based on a 1-story building with 5,000 square feet of floor area and a 12' story height. The structure is a face brick with concrete block back-up wall with steel joists and a single zone unit for gas heating and electric cooling.</p> <table border="1"> <tr> <td>Perimeter (LF): 286</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 5,000</td> <td>Floor Height (LF): 12</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 286	Location: National Average	Gross Sqft: 5,000	Floor Height (LF): 12	No of Floors: 1	
Perimeter (LF): 286	Location: National Average							
Gross Sqft: 5,000	Floor Height (LF): 12							
No of Floors: 1								
<b>N01</b>	Bunkers/Magazines	<p>This model should be applied to all bunkers and magazine storage facilities. The model is based on a 1-story building with 1,000 square feet of floor area. The structure is cast-in-place concrete, with cast-in-place concrete exterior, special dirt berm roof system, and no mechanical system.</p> <table border="1"> <tr> <td>Perimeter (LF): 140</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 1,000</td> <td>Floor Height (LF): 14</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 140	Location: National Average	Gross Sqft: 1,000	Floor Height (LF): 14	No of Floors: 1	
Perimeter (LF): 140	Location: National Average							
Gross Sqft: 1,000	Floor Height (LF): 14							
No of Floors: 1								
<b>N02</b>	Communication – Telephone Center	<p>This model should be applied to all communication centers, telephone centers and switchgear facilities and related uses. The model is based on a 3-story building with 25,000 square feet of floor area. The structure is masonry bearing wall with steel joists, with brick veneer and CMU backup exterior, single-ply membrane roof, and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 440</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 25,000</td> <td>Floor Height (LF): 12</td> </tr> <tr> <td>No of Floors: 3</td> <td></td> </tr> </table>	Perimeter (LF): 440	Location: National Average	Gross Sqft: 25,000	Floor Height (LF): 12	No of Floors: 3	
Perimeter (LF): 440	Location: National Average							
Gross Sqft: 25,000	Floor Height (LF): 12							
No of Floors: 3								
<b>N03</b>	Computer Center	<p>This model should be applied to all computer processing centers and related facilities. The model is based on a 1-story building with 100,000 square feet of floor area. The structure is precast concrete panels, with tilt-up concrete exterior, single-ply membrane roof, and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 1,400</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 100,000</td> <td>Floor Height (LF): 14</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 1,400	Location: National Average	Gross Sqft: 100,000	Floor Height (LF): 14	No of Floors: 1	
Perimeter (LF): 1,400	Location: National Average							
Gross Sqft: 100,000	Floor Height (LF): 14							
No of Floors: 1								
<b>N04</b>	Day Care Center	<p>This model should be applied to all day care centers and related facilities. The model is based on a 1-story building with 10,000 square feet of floor area. The structure is wood stud with brick veneer, wood trusses, asphalt shingle roof, forced hot air/fin tube Radiation heat.</p> <table border="1"> <tr> <td>Perimeter (LF): 440</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 10,000</td> <td>Floor Height (LF): 12</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 440	Location: National Average	Gross Sqft: 10,000	Floor Height (LF): 12	No of Floors: 1	
Perimeter (LF): 440	Location: National Average							
Gross Sqft: 10,000	Floor Height (LF): 12							
No of Floors: 1								

Model No.	Model Name	Model Description						
N05	Explosives Handling	<p>This model should be applied to all explosive handling type facilities with blowout design features. The model is based on a 1-story building with 5,000 square feet of floor area. The structure is cast-in-place concrete, with cast-in-place concrete exterior, metal blowout roof, and unit heaters and packaged AC units.</p> <table border="1"> <tr> <td>Perimeter (LF): 300</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 5,000</td> <td>Floor Height (LF): 14</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 300	Location: National Average	Gross Sqft: 5,000	Floor Height (LF): 14	No of Floors: 1	
Perimeter (LF): 300	Location: National Average							
Gross Sqft: 5,000	Floor Height (LF): 14							
No of Floors: 1								
N06	Hardened Storage	<p>This model should be applied to all reinforced and hardened storage facilities. This should be used for all storage facilities that are not pre-engineered. The model is based on a 1-story building with 25,000 square feet of floor area. The structure is cast-in-place concrete, with precast concrete exterior, built-up membrane roof, and unit heaters and packaged AC units.</p> <table border="1"> <tr> <td>Perimeter (LF): 650</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 25,000</td> <td>Floor Height (LF): 20</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 650	Location: National Average	Gross Sqft: 25,000	Floor Height (LF): 20	No of Floors: 1	
Perimeter (LF): 650	Location: National Average							
Gross Sqft: 25,000	Floor Height (LF): 20							
No of Floors: 1								
N07	High Bay Facility	<p>This model should be applied to all facilities with clear span high ceiling work space with crane. The model is based on a 1-story building with 75,000 square feet of floor area. The structure is steel frame, with metal siding exterior, metal roof, and unit heaters and packaged AC units.</p> <table border="1"> <tr> <td>Perimeter (LF): 1,150</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 75,000</td> <td>Floor Height (LF): 14</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 1,150	Location: National Average	Gross Sqft: 75,000	Floor Height (LF): 14	No of Floors: 1	
Perimeter (LF): 1,150	Location: National Average							
Gross Sqft: 75,000	Floor Height (LF): 14							
No of Floors: 1								
N08	Labs – Hard Engineered (80/20)	<p>This model should be applied to laboratories used for construction and testing of equipment and is based on 80% lab space and 20% office. The model is based on a 2-story building with 100,000 square feet of floor area. The structure is steel frame, with precast concrete exterior, built-up membrane roof, and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 900</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 100,000</td> <td>Floor Height (LF): 15</td> </tr> <tr> <td>No of Floors: 2</td> <td></td> </tr> </table>	Perimeter (LF): 900	Location: National Average	Gross Sqft: 100,000	Floor Height (LF): 15	No of Floors: 2	
Perimeter (LF): 900	Location: National Average							
Gross Sqft: 100,000	Floor Height (LF): 15							
No of Floors: 2								
N09	Labs – Biology Environmental (80/20)	<p>This model should be applied to laboratories used for biology and environmental research and is based on 80% lab space and 20% office. The model is based on a 3-story building with 60,000 square feet of floor area. The structure is steel frame, with precast concrete exterior, built-up membrane roof, and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 600</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 60,000</td> <td>Floor Height (LF): 14</td> </tr> <tr> <td>No of Floors: 3</td> <td></td> </tr> </table>	Perimeter (LF): 600	Location: National Average	Gross Sqft: 60,000	Floor Height (LF): 14	No of Floors: 3	
Perimeter (LF): 600	Location: National Average							
Gross Sqft: 60,000	Floor Height (LF): 14							
No of Floors: 3								

Model No.	Model Name	Model Description						
<b>N10</b>	Labs - Chemistry (80/20)	<p>This model should be applied to laboratories used for chemistry research and is based on 80% lab space and 20% office. The model is based on a 3-story building with 60,000 square feet of floor area. The structure is steel frame, with precast concrete exterior, built-up membrane roof, and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 600</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 60,000</td> <td>Floor Height (LF): 14</td> </tr> <tr> <td>No of Floors: 3</td> <td></td> </tr> </table>	Perimeter (LF): 600	Location: National Average	Gross Sqft: 60,000	Floor Height (LF): 14	No of Floors: 3	
Perimeter (LF): 600	Location: National Average							
Gross Sqft: 60,000	Floor Height (LF): 14							
No of Floors: 3								
<b>N11</b>	Labs –Physics/Computer (80/20)	<p>This model should be applied to laboratories used for physics and computer research and is based on 80% lab space and 20% office. The model is based on a 4-story building with 80,000 square feet of floor area. The structure is steel frame, with precast concrete exterior, built-up membrane roof, and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 600</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 80,000</td> <td>Floor Height (LF): 14</td> </tr> <tr> <td>No of Floors: 4</td> <td></td> </tr> </table>	Perimeter (LF): 600	Location: National Average	Gross Sqft: 80,000	Floor Height (LF): 14	No of Floors: 4	
Perimeter (LF): 600	Location: National Average							
Gross Sqft: 80,000	Floor Height (LF): 14							
No of Floors: 4								
<b>N12</b>	Labs –Test/Blast (80/20)	<p>This model should be applied to laboratories used for heavy testing and explosive blast testing research and is based on 80% lab space and 20% office. The model is based on a 3-story building with 60,000 square feet of floor area. The structure is steel frame, with precast concrete exterior, built-up membrane roof, and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 600</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 60,000</td> <td>Floor Height (LF): 17</td> </tr> <tr> <td>No of Floors: 4</td> <td></td> </tr> </table>	Perimeter (LF): 600	Location: National Average	Gross Sqft: 60,000	Floor Height (LF): 17	No of Floors: 4	
Perimeter (LF): 600	Location: National Average							
Gross Sqft: 60,000	Floor Height (LF): 17							
No of Floors: 4								
<b>N13</b>	Machine Shop	<p>This model should be applied to all machine shop and support type facilities with overhead crane. The model is based on a 1-story building with 20,000 square feet of floor area. The structure is steel frame, with metal siding exterior, metal roof, and unit heaters and packaged AC units.</p> <table border="1"> <tr> <td>Perimeter (LF): 600</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 20,000</td> <td>Floor Height (LF): 14</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 600	Location: National Average	Gross Sqft: 20,000	Floor Height (LF): 14	No of Floors: 1	
Perimeter (LF): 600	Location: National Average							
Gross Sqft: 20,000	Floor Height (LF): 14							
No of Floors: 1								
<b>N14</b>	Maintenance Shops	<p>This model should be applied to all maintenance, tRadiation, and support type facilities. The model is based on a 1-story building with 20,000 square feet of floor area. The structure is steel frame, with metal siding exterior, metal roof, and unit heaters and packaged AC units.</p> <table border="1"> <tr> <td>Perimeter (LF): 600</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 20,000</td> <td>Floor Height (LF): 14</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 600	Location: National Average	Gross Sqft: 20,000	Floor Height (LF): 14	No of Floors: 1	
Perimeter (LF): 600	Location: National Average							
Gross Sqft: 20,000	Floor Height (LF): 14							
No of Floors: 1								

Model No.	Model Name	Model Description						
N15	Paint Shop	<p>This model should be applied to all paint shop and support type facilities with paint booths. The model is based on a 1-story building with 20,000 square feet of floor area. The structure is steel frame, with metal siding exterior, metal roof, and unit heaters and packaged AC units.</p> <table border="1"> <tr> <td>Perimeter (LF): 600</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 20,000</td> <td>Floor Height (LF): 14</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 600	Location: National Average	Gross Sqft: 20,000	Floor Height (LF): 14	No of Floors: 1	
Perimeter (LF): 600	Location: National Average							
Gross Sqft: 20,000	Floor Height (LF): 14							
No of Floors: 1								
N16	Process Building with Pool	<p>This model should be applied to all process facilities with cooling ponds for roof storage. The model is based on a 1-story building with 125,000 square feet of floor area. The structure is cast-in-place concrete, with brick veneer with CMU backup exterior, built-up membrane roof, and a boiler/chiller mechanical system.</p> <table border="1"> <tr> <td>Perimeter (LF): 1,650</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 125,000</td> <td>Floor Height (LF): 14</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 1,650	Location: National Average	Gross Sqft: 125,000	Floor Height (LF): 14	No of Floors: 1	
Perimeter (LF): 1,650	Location: National Average							
Gross Sqft: 125,000	Floor Height (LF): 14							
No of Floors: 1								
N17	Process Building-Small	<p>This model should be applied to all manufacturing and factory type facilities in the size range less than 250,000SF. The model is based on a 1-story building with 250,000 square feet of floor area. The structure is tilt-up concrete, with tilt-up concrete exterior, built-up membrane roof, and a boiler/chiller mechanical system.</p> <table border="1"> <tr> <td>Perimeter (LF): 2,900</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 250,000</td> <td>Floor Height (LF): 14</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 2,900	Location: National Average	Gross Sqft: 250,000	Floor Height (LF): 14	No of Floors: 1	
Perimeter (LF): 2,900	Location: National Average							
Gross Sqft: 250,000	Floor Height (LF): 14							
No of Floors: 1								
N18	Process Building-Large	<p>This model should be applied to all manufacturing and factory type facilities in the size range of 250,000-750,000SF. The model is based on a 1-story building with 750,000 square feet of floor area. The structure is tilt-up concrete, with tilt-up concrete exterior, built-up membrane roof, and a boiler/chiller mechanical system.</p> <table border="1"> <tr> <td>Perimeter (LF): 4,550</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 750,000</td> <td>Floor Height (LF): 14</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 4,550	Location: National Average	Gross Sqft: 750,000	Floor Height (LF): 14	No of Floors: 1	
Perimeter (LF): 4,550	Location: National Average							
Gross Sqft: 750,000	Floor Height (LF): 14							
No of Floors: 1								
N19	Records Storage/Vault	<p>This model should be applied to all records storage type facilities with climate controlled space. The model is based on a 2-story building with 150,000 square feet of floor area. The structure is cast-in-place concrete, with brick veneer with CMU backup exterior, single-ply membrane roof, and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 1,150</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 150,000</td> <td>Floor Height (LF): 20</td> </tr> <tr> <td>No of Floors: 2</td> <td></td> </tr> </table>	Perimeter (LF): 1,150	Location: National Average	Gross Sqft: 150,000	Floor Height (LF): 20	No of Floors: 2	
Perimeter (LF): 1,150	Location: National Average							
Gross Sqft: 150,000	Floor Height (LF): 20							
No of Floors: 2								

Model No.	Model Name	Model Description						
N21	Lab – Hard Engineered (50/50)	<p>This model should be applied to laboratories used for construction and testing of equipment and is based on 50% lab space and 50% office. The model is based on a 3-story building with 100,000 square feet of floor area. The structure is steel frame, with precast concrete exterior, built-up membrane roof, and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 900</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 100,000</td> <td>Floor Height (LF): 12</td> </tr> <tr> <td>No of Floors: 3</td> <td></td> </tr> </table>	Perimeter (LF): 900	Location: National Average	Gross Sqft: 100,000	Floor Height (LF): 12	No of Floors: 3	
Perimeter (LF): 900	Location: National Average							
Gross Sqft: 100,000	Floor Height (LF): 12							
No of Floors: 3								
N22	Labs – Biology Environmental (50/50)	<p>This model should be applied to laboratories used for biology and environmental research and is based on 50% lab space and 50% office. The model is based on a 3-story building with 60,000 square feet of floor area. The structure is steel frame, with precast concrete exterior, built-up membrane roof, and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 600</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 60,000</td> <td>Floor Height (LF): 15</td> </tr> <tr> <td>No of Floors: 3</td> <td></td> </tr> </table>	Perimeter (LF): 600	Location: National Average	Gross Sqft: 60,000	Floor Height (LF): 15	No of Floors: 3	
Perimeter (LF): 600	Location: National Average							
Gross Sqft: 60,000	Floor Height (LF): 15							
No of Floors: 3								
N23	Lab – Chemistry (50/50)	<p>This model should be applied to laboratories used for chemistry research and is based on 50% lab space and 50% office. The model is based on a 3-story building with 60,000 square feet of floor area. The structure is steel frame, with precast concrete exterior, built-up membrane roof, and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 600</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 60,000</td> <td>Floor Height (LF): 15</td> </tr> <tr> <td>No of Floors: 3</td> <td></td> </tr> </table>	Perimeter (LF): 600	Location: National Average	Gross Sqft: 60,000	Floor Height (LF): 15	No of Floors: 3	
Perimeter (LF): 600	Location: National Average							
Gross Sqft: 60,000	Floor Height (LF): 15							
No of Floors: 3								
N24	Labs – Physics/Computer (50/50)	<p>This model should be applied to laboratories used for physics and computer research and is based on 50% lab space and 50% office. The model is based on a 4-story building with 80,000 square feet of floor area. The structure is steel frame, with precast concrete exterior, built-up membrane roof, and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 600</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 80,000</td> <td>Floor Height (LF): 15</td> </tr> <tr> <td>No of Floors: 4</td> <td></td> </tr> </table>	Perimeter (LF): 600	Location: National Average	Gross Sqft: 80,000	Floor Height (LF): 15	No of Floors: 4	
Perimeter (LF): 600	Location: National Average							
Gross Sqft: 80,000	Floor Height (LF): 15							
No of Floors: 4								
N25	Labs – Test/Blast (50/50)	<p>This model should be applied to laboratories used for heavy testing and explosive blast testing research and is based on 50% lab space and 50% office. The model is based on a 3-story building with 60,000 square feet of floor area. The structure is steel frame, with precast concrete exterior, built-up membrane roof, and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 600</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 60,000</td> <td>Floor Height (LF): 17</td> </tr> <tr> <td>No of Floors: 3</td> <td></td> </tr> </table>	Perimeter (LF): 600	Location: National Average	Gross Sqft: 60,000	Floor Height (LF): 17	No of Floors: 3	
Perimeter (LF): 600	Location: National Average							
Gross Sqft: 60,000	Floor Height (LF): 17							
No of Floors: 3								

Model No.	Model Name	Model Description						
N30	Office with Atrium	<p>The model should be applied to a large office building. The model is based on a 2 story office building with approximately 33,000SF per floor totaling 66,000 SF. The structure included structural steel framing supported by concrete foundations. Exterior enclosure is metal wall panels and glazed curtain walls. Roofing is EPDM Membrane trimmed with aluminum flashing. The building is fire protected. The HVAC system is a combination of hot water boilers and roof top units. A 2000 amp service with power, lighting, fire alarm, public address and tel/data cables are provided. This model includes a cafeteria, computer center, auditorium support functions and an atrium. This model is based on a building at Thomas Jefferson National Accelerator Facility.</p> <table border="1"> <tr> <td>Perimeter (LF): 1,530</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 66,000</td> <td>Floor Height (LF): 12</td> </tr> <tr> <td>No of Floors: 2</td> <td></td> </tr> </table>	Perimeter (LF): 1,530	Location: National Average	Gross Sqft: 66,000	Floor Height (LF): 12	No of Floors: 2	
Perimeter (LF): 1,530	Location: National Average							
Gross Sqft: 66,000	Floor Height (LF): 12							
No of Floors: 2								
N31	Labs – High Radiation Examination	<p>The estimate is for a 46,416 SF (excluding basement) High Radiation Examination Laboratory. The foundation is structural concrete. In addition there is a barium concrete core/cell areas for observing Radiationioactive reactions. The exterior structure is a combination of steel framing and reinforced concrete block. Exterior veneer is a combination of brick, metal siding and painted finishes. Floor construction consist of a basement slab on gRadiatione and structural concrete floors. The roof is built up bituminous. Toilet and locker rooms for employees are included. Fire protection system for the facility is included. Heating for the building is provided through a central heating plant with backup systems in the facility. Electrical power, control systems and backup systems have been provided. Interior construction is a combination of CMU and gypsum partitions. Reactor equipment has not been included.</p> <table border="1"> <tr> <td>Perimeter (LF): 530</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 46,616</td> <td>Floor Height (LF): 12</td> </tr> <tr> <td>No of Floors: 3</td> <td></td> </tr> </table>	Perimeter (LF): 530	Location: National Average	Gross Sqft: 46,616	Floor Height (LF): 12	No of Floors: 3	
Perimeter (LF): 530	Location: National Average							
Gross Sqft: 46,616	Floor Height (LF): 12							
No of Floors: 3								
N32	Multi-Purpose Facility- Large	<p>This model applies to a large manufacturing facility including clean rooms, storage, manufacturing and office areas. The facility encloses approximately 1,145,000 SF. The structure contains concrete foundations, concrete walls and concrete roof framing and deck. The exterior enclosure is a brick façade with service doors. The roof covering and flashings are bituminous. The HVAC system is a combination of hot water boilers and roof top units. A 2000 amp service with power, lighting, fire alarm, public address and Tel/data cables are provided.</p> <table border="1"> <tr> <td>Perimeter (LF): 4,960</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 1,145,000</td> <td>Floor Height (LF): 152</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 4,960	Location: National Average	Gross Sqft: 1,145,000	Floor Height (LF): 152	No of Floors: 1	
Perimeter (LF): 4,960	Location: National Average							
Gross Sqft: 1,145,000	Floor Height (LF): 152							
No of Floors: 1								

Model No.	Model Name	Model Description						
N33	Real Property Trailer	<p>The Trailer estimate includes the purchase and installation of a 10' x 50' construction office trailer. Attached to the trailer are two 10' x 10' entry platforms and stairs. The trailer installation includes a perimeter skirt, power, grounding, fire alarm and sprinklers.</p> <table border="1"> <tr> <td>Perimeter (LF): 120</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 500</td> <td>Floor Height (LF): 8</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 120	Location: National Average	Gross Sqft: 500	Floor Height (LF): 8	No of Floors: 1	
Perimeter (LF): 120	Location: National Average							
Gross Sqft: 500	Floor Height (LF): 8							
No of Floors: 1								
N34	Accelerator - Ring	<p>The estimate includes General Contractor work for providing site, concrete, waterproofing, mechanical &amp; electrical work for a continuous electron beam accelerator tunnel and supporting stairways. The tunnel is essentially a continual concrete box approximately 4300 LF long with interior dimensions of 14' wide by 10' high. Dimension vary at access building and stairways. Elevated and slab on gRadiationes vary from 2'-0" to 4'-0" thick. Six access stair locations are also included.</p> <table border="1"> <tr> <td>Perimeter (LF): 4,300</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 92,400</td> <td>Floor Height (LF): 10</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 4,300	Location: National Average	Gross Sqft: 92,400	Floor Height (LF): 10	No of Floors: 1	
Perimeter (LF): 4,300	Location: National Average							
Gross Sqft: 92,400	Floor Height (LF): 10							
No of Floors: 1								
N35	Pumping Stations	<p>This model should be applied to an 8.1 MGD pump station. The pump station's intakes water from a reservoir and transfers to a municipal system. The model is based on a 2-story building with 3024 square feet of floor area. The first story is constructed of thickened concrete walls and slabs that support the intake and pump room. The second floor is enclosed in a prefabricated steel building. The second floor supports mechanical &amp; electrical equipment along with an office and support areas.</p> <table border="1"> <tr> <td>Perimeter (LF): 220</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 3,024</td> <td>Floor Height (LF): 20</td> </tr> <tr> <td>No of Floors: 2</td> <td></td> </tr> </table>	Perimeter (LF): 220	Location: National Average	Gross Sqft: 3,024	Floor Height (LF): 20	No of Floors: 2	
Perimeter (LF): 220	Location: National Average							
Gross Sqft: 3,024	Floor Height (LF): 20							
No of Floors: 2								
N36	Special Nuclear Materials Component Facility	<p>The Special Nuclear Materials Component Staging Facility is a 47,987 GSF cast-in-place concrete building. The perimeter is 1,041 LF and the height varies from 27ft to 11ft. There is a partial first floor of 10,300 SF. The majority of the exterior wall is 24" thick but there is a small area where it is 40" thick. The interior partitions are a mix of CIP and drywall. The foundation is a 1'-3" concrete mat foundation. There is a low entrance link building comprised of industrial type siding and metal roofing (there is also a PH with the same construction). The finishes are a combination of exposed structure and ACT ceilings with resinous flooring and a coustical wall panels. Heat is brought into the building by existing HP steam service. There are 11AHU's, two packaged dehumidifiers, 11 FCU's and a 130 Ton reciprocating chiller. The building is fully sprinkled.</p> <table border="1"> <tr> <td>Perimeter (LF): 1,041</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 47,987</td> <td>Floor Height (LF): 20</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 1,041	Location: National Average	Gross Sqft: 47,987	Floor Height (LF): 20	No of Floors: 1	
Perimeter (LF): 1,041	Location: National Average							
Gross Sqft: 47,987	Floor Height (LF): 20							
No of Floors: 1								

Model No.	Model Name	Model Description						
N37	Assembly Cell	<p>This facility comprises of a central single story 27ft wide corridor &amp; storage "spine" constructed with 12" thick reinforced concrete retaining walls with counterforts and a steel roof deck with steel beam supports. Attached to this spine (two from the North and two from the south) are four single story reinforced concrete circular assembly cells each with a centenary roof beneath approximately 20ft of fill. The cells have blast resistant entry doors. Each assembly cell contains the following reinforced concrete below gRadiatione support spaces; Mech room; tooling staging; SNM staging; corridor; inert parts staging; equipment airlock; personnel corridor. At each end of the spine is a prefabricated building with insulated metal siding approximately 58ft long x 40ft wide containing the main mechanical and electrical rooms and an entrance ramp also constructed from a prefabricated structure approximately 56ft x 17ft.</p> <table border="1"> <tr> <td>Perimeter (LF): 2,575</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 36,604</td> <td>Floor Height (LF): 18</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 2,575	Location: National Average	Gross Sqft: 36,604	Floor Height (LF): 18	No of Floors: 1	
Perimeter (LF): 2,575	Location: National Average							
Gross Sqft: 36,604	Floor Height (LF): 18							
No of Floors: 1								
N38	High Explosives Subassembly	<p>Single story complex comprising a central reinforced blast-proof concrete core containing 15 assembly bays and one vacuum chamber which are separated by a blast proof sand filled containment area. The central core is buried under compacted earth fill with erosion control. This central core is ringed by a 16 ft wide service corridor constructed from structural steel framing with a metal panel exterior closure &amp; roofing system. The steel frame is specially reinforced at the entrance of each assembly bay to form a fragment shield. The entire structure is constructed off a nmat foundation. The facility is entered by a pre-fabricated ramp building.</p> <table border="1"> <tr> <td>Perimeter (LF): 1,521</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 90,222</td> <td>Floor Height (LF): 16</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 1,521	Location: National Average	Gross Sqft: 90,222	Floor Height (LF): 16	No of Floors: 1	
Perimeter (LF): 1,521	Location: National Average							
Gross Sqft: 90,222	Floor Height (LF): 16							
No of Floors: 1								
N39	High Explosives Machining Facility	<p>The HE Machining facility is a 49,600 GSF single story facility. The building is divided into the HE Machining facility (23,500 GSF) and the adjacent support area (26,100 GSF). The HE machining facility is comprised of eleven 600 SF lathe/milling rooms and one large equipment room. All the HE rooms are constructed of blast resistant concrete walls &amp; slabs. The rooms are separated from a HE corridor by blast resistant CIP concrete vestibules and blast resistant doors. Each lathe/milling room contains an exterior door protected with blast resistant exit mazes. The HE machining facility is constructed on a 48" thick mat slab. Support areas and HE corridor are on a 6" slab. The HE corridor has a precast slab and beams. Support spaces are constructed of a CIP concrete deck with rib joists and concrete columns supported on caissons. The roof is a flat EPDM roof and the exteriors are EIFS finish on reinforced CIP concrete walls. Each lathe/milling room contains a full height removable access panel. Interior partitions are CMU or GWB partitions in the support areas and are blast resistant CIP concrete in the HE facility. There is 6,557 GSF prefab ramp building with metal siding and roofing.</p> <table border="1"> <tr> <td>Perimeter (LF): 1,033</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 49,600</td> <td>Floor Height (LF): 42</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 1,033	Location: National Average	Gross Sqft: 49,600	Floor Height (LF): 42	No of Floors: 1	
Perimeter (LF): 1,033	Location: National Average							
Gross Sqft: 49,600	Floor Height (LF): 42							
No of Floors: 1								



Model No.	Model Name	Model Description						
N40	Chilled Water Plant – 9,000T Centrifugal	<p>Plants used to produce centralized chilled water for installation-wide industrial processes or personal comfort cooling. The design of this model is based on a 9,000 Ton centrifugal chiller plant made up of 6-1500 Ton centrifugal chillers. The model is a 10,000 square foot 1 story building. The structure is steel frame, metal sandwiched exterior, with a metal roof.</p> <table border="1"> <tr> <td>Perimeter (LF): 450</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 10,000</td> <td>Floor Height (LF): 14</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 450	Location: National Average	Gross Sqft: 10,000	Floor Height (LF): 14	No of Floors: 1	
Perimeter (LF): 450	Location: National Average							
Gross Sqft: 10,000	Floor Height (LF): 14							
No of Floors: 1								
N41	Chilled Water Plant – 9,960T Absorption	<p>Plants used to produce centralized chilled water for installation-wide industrial processes or personal comfort cooling. The design of this model is based on a 9,960 Ton steam absorption chiller plant made up of 6-1660 Ton steam absorption chillers. The model is a 10,000 square foot 1 story building. The structure is steel frame, metal sandwiched exterior, with a metal roof.</p> <table border="1"> <tr> <td>Perimeter (LF): 450</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 10,000</td> <td>Floor Height (LF): 14</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 450	Location: National Average	Gross Sqft: 10,000	Floor Height (LF): 14	No of Floors: 1	
Perimeter (LF): 450	Location: National Average							
Gross Sqft: 10,000	Floor Height (LF): 14							
No of Floors: 1								
N42	Building Steam Power Plant	<p>This model is a base design/shell structure for either a gas or oil fired steam plant. The model is a 4 story, 74,050 steel frame structure with metal siding. The basis of the shell is the N7 Height Bay facility. The user must add the appropriate number and size of the boilers to complete the design of the steam generating facility.</p> <table border="1"> <tr> <td>Perimeter (LF): 700</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 74,050</td> <td>Floor Height (LF): 18</td> </tr> <tr> <td>No of Floors: 4</td> <td></td> </tr> </table>	Perimeter (LF): 700	Location: National Average	Gross Sqft: 74,050	Floor Height (LF): 18	No of Floors: 4	
Perimeter (LF): 700	Location: National Average							
Gross Sqft: 74,050	Floor Height (LF): 18							
No of Floors: 4								
N43	Steam Plant - Coal	<p>Coal-fired boilers used to produce steam or high temperature water for installation-wide distribution for industrial or personal comfort purposes. The model is a 4 story, 74,050 steel frame structure with metal siding. The basis of the shell is the N7 Height Bay facility. The model includes 250,000 Lb/Hr boilers, coal handling systems, chemical treatment systems and all necessary controls and instrumentation.</p> <table border="1"> <tr> <td>Perimeter (LF): 700</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 74,050</td> <td>Floor Height (LF): 18</td> </tr> <tr> <td>No of Floors: 4</td> <td></td> </tr> </table>	Perimeter (LF): 700	Location: National Average	Gross Sqft: 74,050	Floor Height (LF): 18	No of Floors: 4	
Perimeter (LF): 700	Location: National Average							
Gross Sqft: 74,050	Floor Height (LF): 18							
No of Floors: 4								

Model No.	Model Name	Model Description						
N44	Steam Plant - Gas	<p>Gas-fired boilers used to produce steam or high temperature water for installation-wide distribution for industrial or personal comfort purposes. The model is a 4 story 74,050, steel frame structure with metal siding. The basis of the shell is the N7 Height Bay facility. The model includes 250,000 Lb/Hr boilers, gas piping systems, chemical treatment systems and all necessary controls and instrumentation.</p> <table border="1"> <tr> <td>Perimeter (LF): 700</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 74,050</td> <td>Floor Height (LF): 18</td> </tr> <tr> <td>No of Floors: 4</td> <td></td> </tr> </table>	Perimeter (LF): 700	Location: National Average	Gross Sqft: 74,050	Floor Height (LF): 18	No of Floors: 4	
Perimeter (LF): 700	Location: National Average							
Gross Sqft: 74,050	Floor Height (LF): 18							
No of Floors: 4								
N45	Steam Plant - Oil	<p>Oil-fired boilers used to produce steam or high temperature water for installation-wide distribution for industrial or personal comfort purposes. The model is a 4 story, 74,050 steel frame structure with metal siding. The basis of the shell is the N7 Height Bay facility. The model includes 250,000 Lb/Hr boilers, oil storage tanks, chemical treatment systems and all necessary controls and instrumentation.</p> <table border="1"> <tr> <td>Perimeter (LF): 700</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 74,050</td> <td>Floor Height (LF): 18</td> </tr> <tr> <td>No of Floors: 4</td> <td></td> </tr> </table>	Perimeter (LF): 700	Location: National Average	Gross Sqft: 74,050	Floor Height (LF): 18	No of Floors: 4	
Perimeter (LF): 700	Location: National Average							
Gross Sqft: 74,050	Floor Height (LF): 18							
No of Floors: 4								
N46	Building Sewage Treatment Plant	<p>This model is a generic design plant shell that can be used for primary, secondary and tertiary sewage treatment. The model must be modified to include the appropriate treatment equipment and building square footage, perimeter and story height. The model is a 1 story structure with metal siding.</p> <table border="1"> <tr> <td>Perimeter (LF): 1,150</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 75,000</td> <td>Floor Height (LF): 14</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 1,150	Location: National Average	Gross Sqft: 75,000	Floor Height (LF): 14	No of Floors: 1	
Perimeter (LF): 1,150	Location: National Average							
Gross Sqft: 75,000	Floor Height (LF): 14							
No of Floors: 1								
N50	Office Trailer - Mobile	<p>This model includes the purchase and installation of a 10' x 50' construction office trailer. Attached to the trailer are two 10' x 10' entry platforms and stairs. The trailer installation includes a perimeter skirt, power, grounding, fire alarm and sprinklers and through the wall heat pumps.</p> <table border="1"> <tr> <td>Perimeter (LF): 92</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 360</td> <td>Floor Height (LF): 8</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 92	Location: National Average	Gross Sqft: 360	Floor Height (LF): 8	No of Floors: 1	
Perimeter (LF): 92	Location: National Average							
Gross Sqft: 360	Floor Height (LF): 8							
No of Floors: 1								
N51	Office Trailer – Single Wide	<p>This model includes the purchase and installation of a 10' x 50' modular office trailer. Attached to the trailer are two 10' x 10' entry platforms and stairs. The installation includes a perimeter skirt, power, grounding, fire alarm and sprinklers and through the wall heat pumps.</p> <table border="1"> <tr> <td>Perimeter (LF): 100</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 420</td> <td>Floor Height (LF): 8</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 100	Location: National Average	Gross Sqft: 420	Floor Height (LF): 8	No of Floors: 1	
Perimeter (LF): 100	Location: National Average							
Gross Sqft: 420	Floor Height (LF): 8							
No of Floors: 1								

Model No.	Model Name	Model Description						
N52	Office Trailer – Double Wide	<p>This model includes the purchase and installation of (2) 10' x 50' modular office trailers. Attached are two 10' x 10' entry platforms and stairs. The installation includes a perimeter skirt, power, grounding, fire alarm and sprinklers and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 120</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 840</td> <td>Floor Height (LF): 8</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 120	Location: National Average	Gross Sqft: 840	Floor Height (LF): 8	No of Floors: 1	
Perimeter (LF): 120	Location: National Average							
Gross Sqft: 840	Floor Height (LF): 8							
No of Floors: 1								
N53	Office Trailer – Multiple 4 units	<p>This model includes the purchase and installation of (4) 10' x 50' modular office trailers. Attached to the trailer are two 10' x 10' entry platforms and stairs. The trailer installation includes a perimeter skirt, power, grounding, fire alarm and sprinklers and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 164</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 1,680</td> <td>Floor Height (LF): 8</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 164	Location: National Average	Gross Sqft: 1,680	Floor Height (LF): 8	No of Floors: 1	
Perimeter (LF): 164	Location: National Average							
Gross Sqft: 1,680	Floor Height (LF): 8							
No of Floors: 1								
N54	Office Trailer – 20,000 SF	<p>This model includes the purchase and installation of a 20,000 SF modular office trailer. Attached to the trailer are two 10' x 10' entry platforms and stairs. The trailer installation includes a perimeter skirt, power, grounding, fire alarm and sprinklers and split system air conditioning with fan coil units.</p> <table border="1"> <tr> <td>Perimeter (LF): 510</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 16,000</td> <td>Floor Height (LF): 8</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 510	Location: National Average	Gross Sqft: 16,000	Floor Height (LF): 8	No of Floors: 1	
Perimeter (LF): 510	Location: National Average							
Gross Sqft: 16,000	Floor Height (LF): 8							
No of Floors: 1								
N55	Fire Station 2 Story	<p>This model should be applied to all fire station facilities. The model is based on a 2-story building with 10,000 square feet of floor area. The structure is steel frame, with decorative block exterior, built-up membrane roof, and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 286</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 10,000</td> <td>Floor Height (LF): 14</td> </tr> <tr> <td>No of Floors: 2</td> <td></td> </tr> </table>	Perimeter (LF): 286	Location: National Average	Gross Sqft: 10,000	Floor Height (LF): 14	No of Floors: 2	
Perimeter (LF): 286	Location: National Average							
Gross Sqft: 10,000	Floor Height (LF): 14							
No of Floors: 2								
N56	Metal Building – Shop 1,200SF	<p>This model should be applied to all maintenance, radiation, and support type facilities. The model is based on a 1-story building with 1,200 square feet of floor area. The structure is steel frame, with metal siding exterior, metal roof, and unit heaters and split system AC units with fan coils.</p> <table border="1"> <tr> <td>Perimeter (LF): 138</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 1,200</td> <td>Floor Height (LF): 14</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 138	Location: National Average	Gross Sqft: 1,200	Floor Height (LF): 14	No of Floors: 1	
Perimeter (LF): 138	Location: National Average							
Gross Sqft: 1,200	Floor Height (LF): 14							
No of Floors: 1								

Model No.	Model Name	Model Description						
N57	Metal Building – Shop 36,000SF	<p>This model should be applied to all maintenance, tRadiatione, and support type facilities. The model is based on a 1-story building with 36,000 square feet of floor area. The structure is steel frame, with metal siding exterior, metal roof, and unit heaters and split system AC units with fan coils.</p> <table border="1"> <tr> <td>Perimeter (LF): 760</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 36,000</td> <td>Floor Height (LF): 14</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 760	Location: National Average	Gross Sqft: 36,000	Floor Height (LF): 14	No of Floors: 1	
Perimeter (LF): 760	Location: National Average							
Gross Sqft: 36,000	Floor Height (LF): 14							
No of Floors: 1								
N58	Metal Building – Shop 60,000SF	<p>This model should be applied to all maintenance, tRadiatione, and support type facilities. The model is based on a 1-story building with 60,000 square feet of floor area. The structure is steel frame, with metal siding exterior, metal roof, and unit heaters and split system AC units with fan coils.</p> <table border="1"> <tr> <td>Perimeter (LF): 980</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 60,000</td> <td>Floor Height (LF): 14</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 980	Location: National Average	Gross Sqft: 60,000	Floor Height (LF): 14	No of Floors: 1	
Perimeter (LF): 980	Location: National Average							
Gross Sqft: 60,000	Floor Height (LF): 14							
No of Floors: 1								
N59	Metal Building – Office 20,000	<p>This model should be applied to all office and support type facilities. The model is based on a 1-story building with 20,000 square feet of floor area. The structure is steel frame, with metal siding exterior, metal roof, and split system AC units with fan coils.</p> <table border="1"> <tr> <td>Perimeter (LF): 570</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 20,000</td> <td>Floor Height (LF): 14</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 570	Location: National Average	Gross Sqft: 20,000	Floor Height (LF): 14	No of Floors: 1	
Perimeter (LF): 570	Location: National Average							
Gross Sqft: 20,000	Floor Height (LF): 14							
No of Floors: 1								
N60	Metal Building – Office 40,000	<p>This model should be applied to all office and support type facilities. The model is based on a 1-story building with 40,000 square feet of floor area. The structure is steel frame, with metal siding exterior, metal roof, and split system AC units with fan coils.</p> <table border="1"> <tr> <td>Perimeter (LF): 800</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 40,000</td> <td>Floor Height (LF): 14</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 800	Location: National Average	Gross Sqft: 40,000	Floor Height (LF): 14	No of Floors: 1	
Perimeter (LF): 800	Location: National Average							
Gross Sqft: 40,000	Floor Height (LF): 14							
No of Floors: 1								
N61	Metal Building – Car Port	<p>This model should be applied to all carport and storage type facilities. The model is based on an open structure with 570 square feet of floor area. The structure is steel frame, with metal siding exterior, metal roof.</p> <table border="1"> <tr> <td>Perimeter (LF): 96</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 570</td> <td>Floor Height (LF): 10</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 96	Location: National Average	Gross Sqft: 570	Floor Height (LF): 10	No of Floors: 1	
Perimeter (LF): 96	Location: National Average							
Gross Sqft: 570	Floor Height (LF): 10							
No of Floors: 1								

Model No.	Model Name	Model Description						
N62	Personnel Gate Turnstile	<p>This model should be applied to all secured pedestrian entry locations. The model is based on a covered structure with 300 square feet of floor area and electronic turnstile.</p> <table border="1"> <tr> <td>Perimeter (LF): 72</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 300</td> <td>Floor Height (LF): 14</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 72	Location: National Average	Gross Sqft: 300	Floor Height (LF): 14	No of Floors: 1	
Perimeter (LF): 72	Location: National Average							
Gross Sqft: 300	Floor Height (LF): 14							
No of Floors: 1								
N63	Metal Covered Walkways	<p>This model should be applied to all enclosed walkways. The model is based on a 1-story building with 1,400 square feet of floor area. The structure is steel frame, with metal siding exterior, metal roof and fan coil units.</p> <table border="1"> <tr> <td>Perimeter (LF): 240</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 1,400</td> <td>Floor Height (LF): 10</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 240	Location: National Average	Gross Sqft: 1,400	Floor Height (LF): 10	No of Floors: 1	
Perimeter (LF): 240	Location: National Average							
Gross Sqft: 1,400	Floor Height (LF): 10							
No of Floors: 1								
N64	Lift Station Small	<p>This model should be applied to pre-engineered lift station, operating at no more than 75 GPM.</p> <table border="1"> <tr> <td>Perimeter (LF): 44</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 80</td> <td>Floor Height (LF): 14</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 44	Location: National Average	Gross Sqft: 80	Floor Height (LF): 14	No of Floors: 1	
Perimeter (LF): 44	Location: National Average							
Gross Sqft: 80	Floor Height (LF): 14							
No of Floors: 1								
N65	Lift Station Large	<p>This model should be applied to pre-engineered lift station, operating at no more than 100 GPM.</p> <table border="1"> <tr> <td>Perimeter (LF): 44</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 120</td> <td>Floor Height (LF): 14</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 44	Location: National Average	Gross Sqft: 120	Floor Height (LF): 14	No of Floors: 1	
Perimeter (LF): 44	Location: National Average							
Gross Sqft: 120	Floor Height (LF): 14							
No of Floors: 1								
N66	Substation Small	<p>This model should be applied to a substation with 500 kVa transformer.</p> <table border="1"> <tr> <td>Perimeter (LF): 120</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 840</td> <td>Floor Height (LF): 8</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 120	Location: National Average	Gross Sqft: 840	Floor Height (LF): 8	No of Floors: 1	
Perimeter (LF): 120	Location: National Average							
Gross Sqft: 840	Floor Height (LF): 8							
No of Floors: 1								
N67	Substation Large	<p>This model should be applied to a substation with 1,000 kVa transformer.</p> <table border="1"> <tr> <td>Perimeter (LF): 240</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 1,680</td> <td>Floor Height (LF): 8</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 240	Location: National Average	Gross Sqft: 1,680	Floor Height (LF): 8	No of Floors: 1	
Perimeter (LF): 240	Location: National Average							
Gross Sqft: 1,680	Floor Height (LF): 8							
No of Floors: 1								

Model No.	Model Name	Model Description						
N68	Office Cast In Place Concrete 2 Story	<p>This model should be applied to office facilities less than 36,000SF. The model is based on a 2-story building with 20,000 square feet of floor area. The structure is Cast in Place with precast wall panels, single-ply membrane roof, and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 400</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 20,000</td> <td>Floor Height (LF): 12</td> </tr> <tr> <td>No of Floors: 2</td> <td></td> </tr> </table>	Perimeter (LF): 400	Location: National Average	Gross Sqft: 20,000	Floor Height (LF): 12	No of Floors: 2	
Perimeter (LF): 400	Location: National Average							
Gross Sqft: 20,000	Floor Height (LF): 12							
No of Floors: 2								
N69	Office Cast In Place Concrete 4 Story	<p>This model should be applied to office facilities less than 80,000SF. The model is based on a 4-story building with 40,000 square feet of floor area. The structure is Cast in Place with precast wall panels, single-ply membrane roof, and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 400</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 40,000</td> <td>Floor Height (LF): 12</td> </tr> <tr> <td>No of Floors: 4</td> <td></td> </tr> </table>	Perimeter (LF): 400	Location: National Average	Gross Sqft: 40,000	Floor Height (LF): 12	No of Floors: 4	
Perimeter (LF): 400	Location: National Average							
Gross Sqft: 40,000	Floor Height (LF): 12							
No of Floors: 4								
N70	Shop Cast In Place Concrete 24,000SF	<p>This model should be applied to shop and support facilities less than 28,000 SF. The model is based on a 1-story building with 24,000 square feet of floor area. The structure is Cast in Place with precast wall panels, single-ply membrane roof, and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 620</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 24,000</td> <td>Floor Height (LF): 16</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 620	Location: National Average	Gross Sqft: 24,000	Floor Height (LF): 16	No of Floors: 1	
Perimeter (LF): 620	Location: National Average							
Gross Sqft: 24,000	Floor Height (LF): 16							
No of Floors: 1								
N71	Shop Cast In Place Concrete 42,000SF	<p>This model should be applied to shop and support facilities less than 50,000 SF. The model is based on a 1-story building with 42,000 square feet of floor area. The structure is Cast in Place with precast wall panels, single-ply membrane roof, and roof-top HVAC units and central air system.</p> <table border="1"> <tr> <td>Perimeter (LF): 820</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 42,000</td> <td>Floor Height (LF): 16</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 820	Location: National Average	Gross Sqft: 42,000	Floor Height (LF): 16	No of Floors: 1	
Perimeter (LF): 820	Location: National Average							
Gross Sqft: 42,000	Floor Height (LF): 16							
No of Floors: 1								
N73	Shaft with Elevator System	<p>This model should be applied to elevator shafts. The model is based on a 20 foot diameter shaft with ventilation.</p> <table border="1"> <tr> <td>Perimeter (LF): 78</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 19,000</td> <td>Floor Height (LF): 20</td> </tr> <tr> <td>No of Floors: 50</td> <td></td> </tr> </table>	Perimeter (LF): 78	Location: National Average	Gross Sqft: 19,000	Floor Height (LF): 20	No of Floors: 50	
Perimeter (LF): 78	Location: National Average							
Gross Sqft: 19,000	Floor Height (LF): 20							
No of Floors: 50								
N74	Tunnel Nevada Drift	<p>This model should be applied to tunnel and drifts. The model is based on a 220,000 square feet of floor area. The structure is reinforced concrete. Ventilation provided via shaft and elevator system.</p> <table border="1"> <tr> <td>Perimeter (LF): 20,044</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 220,000</td> <td>Floor Height (LF): 17</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 20,044	Location: National Average	Gross Sqft: 220,000	Floor Height (LF): 17	No of Floors: 1	
Perimeter (LF): 20,044	Location: National Average							
Gross Sqft: 220,000	Floor Height (LF): 17							
No of Floors: 1								

Model No.	Model Name	Model Description						
N75	Underground Building	<p>This model should be applied to office and support facilities less than 70,000 SF. The model is based on a 2-story underground building with 40,000 square feet of floor area. The structure is Cast in Place structure. HVAC systems must be added by the user.</p> <table border="1"> <tr> <td>Perimeter (LF): 570</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 40,000</td> <td>Floor Height (LF): 10</td> </tr> <tr> <td>No of Floors: 2</td> <td></td> </tr> </table>	Perimeter (LF): 570	Location: National Average	Gross Sqft: 40,000	Floor Height (LF): 10	No of Floors: 2	
Perimeter (LF): 570	Location: National Average							
Gross Sqft: 40,000	Floor Height (LF): 10							
No of Floors: 2								
N76	Guard Shack Metal	<p>This model should be applied to guard shacks made primarily of metal. The model is based upon a 1-story building with 200 square feet of floor area. The structure is metal studs with metal panel walls and roof.</p> <table border="1"> <tr> <td>Perimeter (LF): 60</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 200</td> <td>Floor Height (LF): 8</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 60	Location: National Average	Gross Sqft: 200	Floor Height (LF): 8	No of Floors: 1	
Perimeter (LF): 60	Location: National Average							
Gross Sqft: 200	Floor Height (LF): 8							
No of Floors: 1								
N77	Guard Shack Precast	<p>This model should be applied to guard shacks made primarily of precast concrete. The model is based upon a 1-story building with 200 square feet of floor area. The structure is precast concrete wall panels and precast concrete roof panels.</p> <table border="1"> <tr> <td>Perimeter (LF): 60</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 200</td> <td>Floor Height (LF): 8</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 60	Location: National Average	Gross Sqft: 200	Floor Height (LF): 8	No of Floors: 1	
Perimeter (LF): 60	Location: National Average							
Gross Sqft: 200	Floor Height (LF): 8							
No of Floors: 1								
N78	Shed 300SF Open	<p>This model should be applied to storage sheds with open sides. The model is based upon a 1 story building with 300 square feet of floor area. The structure is tube steel columns and headers with metal roof panels on light gauge framing.</p> <table border="1"> <tr> <td>Perimeter (LF): 74</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 300</td> <td>Floor Height (LF): 8</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 74	Location: National Average	Gross Sqft: 300	Floor Height (LF): 8	No of Floors: 1	
Perimeter (LF): 74	Location: National Average							
Gross Sqft: 300	Floor Height (LF): 8							
No of Floors: 1								
N79	Shed 300SF Open, Electricity	<p>This model should be applied to storage sheds with open sides and electrical service. The model is based upon a 1 story building with 300 square feet of floor area. The structure is tube steel columns and headers with metal roof panels on light gauge framing.</p> <table border="1"> <tr> <td>Perimeter (LF): 74</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 300</td> <td>Floor Height (LF): 8</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 74	Location: National Average	Gross Sqft: 300	Floor Height (LF): 8	No of Floors: 1	
Perimeter (LF): 74	Location: National Average							
Gross Sqft: 300	Floor Height (LF): 8							
No of Floors: 1								

Model No.	Model Name	Model Description						
<b>N80</b>	Shed 840SF Open	<p>This model should be applied to storage sheds with open sides. The model is based upon a 1 story building with 840 square feet of floor area. The structure is tube steel columns and headers with metal roof panels on light gauge framing.</p> <table border="1"> <tr> <td>Perimeter (LF): 120</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 840</td> <td>Floor Height (LF): 8</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 120	Location: National Average	Gross Sqft: 840	Floor Height (LF): 8	No of Floors: 1	
Perimeter (LF): 120	Location: National Average							
Gross Sqft: 840	Floor Height (LF): 8							
No of Floors: 1								
<b>N81</b>	Shed 840SF Open, Electricity	<p>This model should be applied to storage sheds with open sides and electrical service. The model is based upon a 1 story building with 840 square feet of floor area. The structure is tube steel columns and headers with metal roof panels on light gauge framing.</p> <table border="1"> <tr> <td>Perimeter (LF): 116</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 800</td> <td>Floor Height (LF): 8</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 116	Location: National Average	Gross Sqft: 800	Floor Height (LF): 8	No of Floors: 1	
Perimeter (LF): 116	Location: National Average							
Gross Sqft: 800	Floor Height (LF): 8							
No of Floors: 1								
<b>N82</b>	Shed 300SF Enclosed	<p>This model should be applied to storage sheds with enclosed sides. The model is based upon a 1 story building with 300 square feet of floor area. The structure is metal studs with metal panel walls and roof.</p> <table border="1"> <tr> <td>Perimeter (LF): 74</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 300</td> <td>Floor Height (LF): 8</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 74	Location: National Average	Gross Sqft: 300	Floor Height (LF): 8	No of Floors: 1	
Perimeter (LF): 74	Location: National Average							
Gross Sqft: 300	Floor Height (LF): 8							
No of Floors: 1								
<b>N83</b>	Shed 300SF Enclosed, Electricity	<p>This model should be applied to storage sheds with enclosed sides and electrical service. The model is based upon a 1 story building with 300 square feet of floor area. The structure is metal studs with metal panel walls and roof.</p> <table border="1"> <tr> <td>Perimeter (LF): 74</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 300</td> <td>Floor Height (LF): 8</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 74	Location: National Average	Gross Sqft: 300	Floor Height (LF): 8	No of Floors: 1	
Perimeter (LF): 74	Location: National Average							
Gross Sqft: 300	Floor Height (LF): 8							
No of Floors: 1								
<b>N84</b>	Shed 840SF Enclosed	<p>This model should be applied to storage sheds with enclosed sides. The model is based upon a 1 story building with 840 square feet of floor area. The structure is metal studs with metal panel walls and roof.</p> <table border="1"> <tr> <td>Perimeter (LF): 120</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 840</td> <td>Floor Height (LF): 8</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 120	Location: National Average	Gross Sqft: 840	Floor Height (LF): 8	No of Floors: 1	
Perimeter (LF): 120	Location: National Average							
Gross Sqft: 840	Floor Height (LF): 8							
No of Floors: 1								



Model No.	Model Name	Model Description						
N85	Shed 840SF Enclosed, Electricity	<p>This model should be applied to storage sheds with enclosed sides and electrical service. The model is based upon a 1 story building with 840 square feet of floor area. The structure is metal studs with metal panel walls and roof.</p> <table border="1"> <tr> <td>Perimeter (LF): 120</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 840</td> <td>Floor Height (LF): 8</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 120	Location: National Average	Gross Sqft: 840	Floor Height (LF): 8	No of Floors: 1	
Perimeter (LF): 120	Location: National Average							
Gross Sqft: 840	Floor Height (LF): 8							
No of Floors: 1								
N86	Guard Tower Metal	<p>This model should be applied to Guard Towers made primarily of metal. The model is based upon a structure that has 200 square feet of floor area. The structure is made of structural steel shapes and headers, with an enclosed space.</p> <table border="1"> <tr> <td>Perimeter (LF): 60</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 200</td> <td>Floor Height (LF): 8</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 60	Location: National Average	Gross Sqft: 200	Floor Height (LF): 8	No of Floors: 1	
Perimeter (LF): 60	Location: National Average							
Gross Sqft: 200	Floor Height (LF): 8							
No of Floors: 1								
N87	Guard Tower Precast	<p>This model should be applied to Guard Towers made primarily of precast concrete. The model is based upon a structure that has 200 square feet of floor area. The structure is made of structural steel shapes and headers, with an enclosed precast space.</p> <table border="1"> <tr> <td>Perimeter (LF): 60</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 200</td> <td>Floor Height (LF): 8</td> </tr> <tr> <td>No of Floors: 1</td> <td></td> </tr> </table>	Perimeter (LF): 60	Location: National Average	Gross Sqft: 200	Floor Height (LF): 8	No of Floors: 1	
Perimeter (LF): 60	Location: National Average							
Gross Sqft: 200	Floor Height (LF): 8							
No of Floors: 1								
N88	High Security Nuclear Facility	<p>This model should be applied to High Security Facilities. The model is based upon a 3-story structure that has 92500 square feet of floor area. The structure is steel reinforced concrete with multiple exterior closure types.</p> <table border="1"> <tr> <td>Perimeter (LF): 702</td> <td>Location: National Average</td> </tr> <tr> <td>Gross Sqft: 92500</td> <td>Floor Height (LF): 12</td> </tr> <tr> <td>No of Floors: 3</td> <td></td> </tr> </table>	Perimeter (LF): 702	Location: National Average	Gross Sqft: 92500	Floor Height (LF): 12	No of Floors: 3	
Perimeter (LF): 702	Location: National Average							
Gross Sqft: 92500	Floor Height (LF): 12							
No of Floors: 3								