

TOWN OF ANDOVER AND ANDOVER PUBLIC SCHOOLS



Development of Comprehensive Facility Plan for Town of Andover and Andover Public Schools

APPENDIX A-C

June 15, 2016



Appendix A

Community Engagement Results

Session Name
Charrette and Survey Responses

Date Created
4/14/2016 12:00:00 AM

Active Participants
about 900

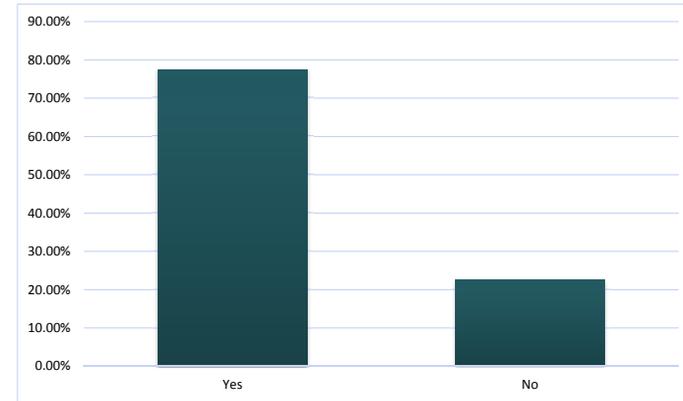
Total Participants
1265

Questions
22

Results by Question

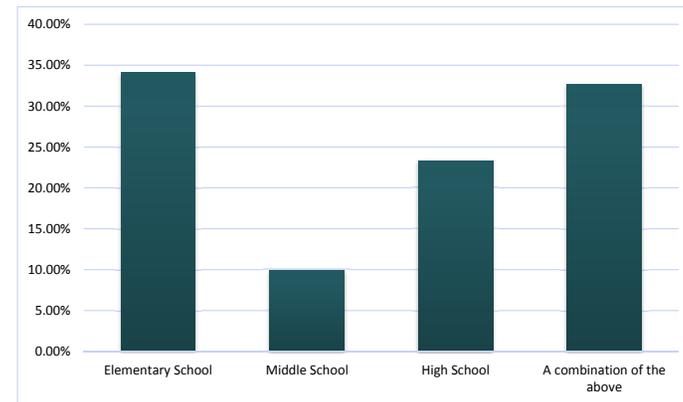
1. Are you a parent / guardian of an Andover Public School (APS) student?

| | Responses | | Charrette | Online Survey |
|---------------|-------------|-------------|-----------|---------------|
| | Percent | Total | | |
| Yes | 77.49% | 974 | 30 | 944 |
| No | 22.51% | 283 | 28 | 255 |
| Totals | 100% | 1257 | 58 | 1199 |



2. If you are a parent / guardian which type of school does your child attend?

| | Responses | | Charrette | Online Survey |
|----------------------------|-------------|-------------|-----------|---------------|
| | Percent | Count | | |
| Elementary School | 34.10% | 342 | 7 | 335 |
| Middle School | 9.87% | 99 | 5 | 94 |
| High School | 23.33% | 234 | 16 | 218 |
| A combination of the above | 32.70% | 328 | 14 | 314 |
| Totals | 100% | 1003 | 42 | 961 |



Session Name
Charrette and Survey Responses

Date Created
4/14/2016 12:00:00 AM

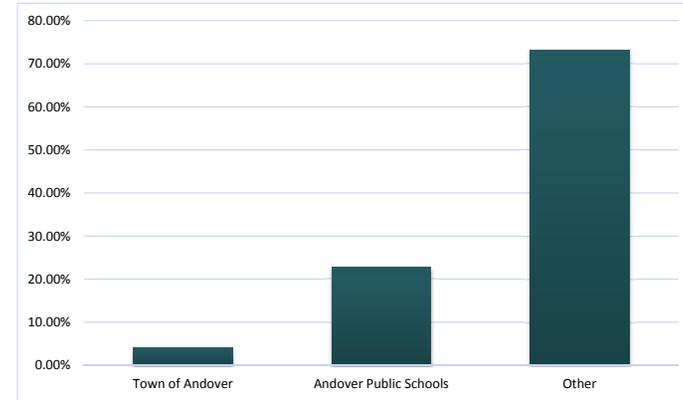
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22

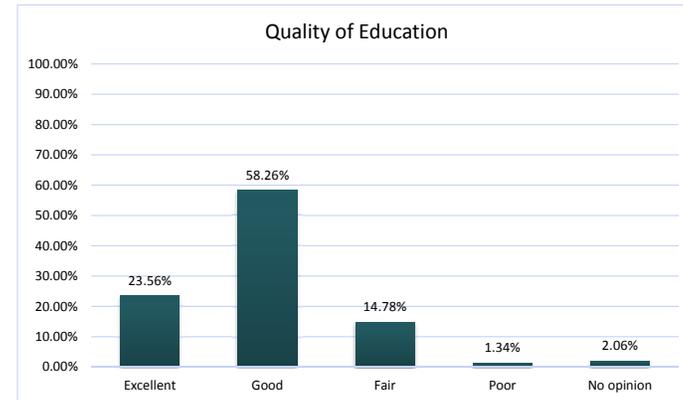
3. Are you an employee of;

| | Responses | | Charrette | Online Survey |
|------------------------|-------------|-------------|-----------|---------------|
| | Percent | Count | | |
| Town of Andover | 4.02% | 47 | 12 | 35 |
| Andover Public Schools | 22.74% | 266 | 11 | 255 |
| Other | 73.25% | 857 | 36 | 821 |
| Totals | 100% | 1170 | 59 | 1111 |



4. How would you rate the overall quality of education provided to students in APS? (Multiple Choice)

| | Responses | | Charrette | Online Survey |
|---------------|-------------|-------------|-----------|---------------|
| | Percent | Count | | |
| Excellent | 23.56% | 298 | 17 | 281 |
| Good | 58.26% | 737 | 38 | 699 |
| Fair | 14.78% | 187 | 13 | 174 |
| Poor | 1.34% | 17 | 1 | 16 |
| No opinion | 2.06% | 26 | 1 | 25 |
| Totals | 100% | 1265 | 70 | 1195 |



Session Name
Charrette and Survey Responses

Date Created
4/14/2016 12:00:00 AM

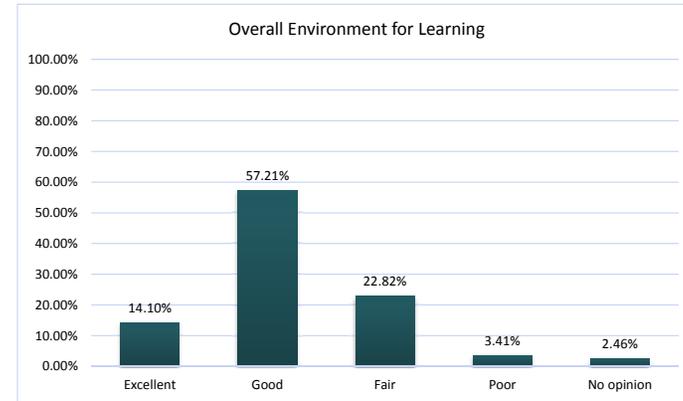
Active Participants
about 900

Total Participants
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Questions
22

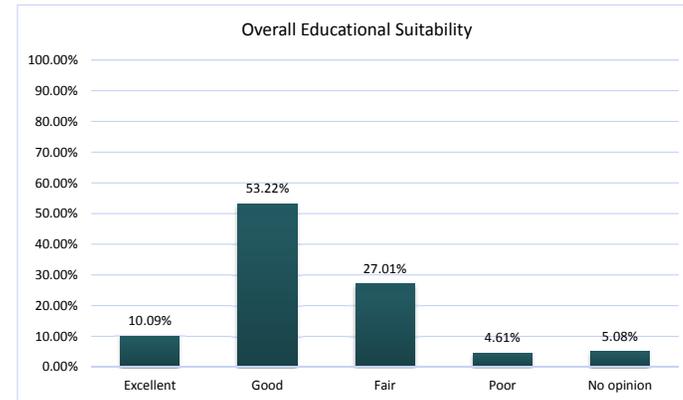
5. How would you rate APS for the overall environment for learning? (Multiple Choice)

| | Responses | | Charrette | Online Survey |
|---------------|-------------|-------------|-----------|---------------|
| | Percent | Count | | |
| Excellent | 14.10% | 178 | 9 | 169 |
| Good | 57.21% | 722 | 33 | 689 |
| Fair | 22.82% | 288 | 17 | 271 |
| Poor | 3.41% | 43 | 7 | 36 |
| No opinion | 2.46% | 31 | 3 | 28 |
| Totals | 100% | 1262 | 69 | 1193 |



6. How would you rate the overall educational suitability of APS schools for current learning and teaching methods? (Multiple Choice)

| | Responses | | Charrette | Online Survey |
|---------------|-------------|-------------|-----------|---------------|
| | Percent | Count | | |
| Excellent | 10.09% | 127 | 8 | 119 |
| Good | 53.22% | 670 | 35 | 635 |
| Fair | 27.01% | 340 | 21 | 319 |
| Poor | 4.61% | 58 | 3 | 55 |
| No opinion | 5.08% | 64 | 3 | 61 |
| Totals | 100% | 1259 | 70 | 1189 |



Session Name
Charrette and Survey Responses

Date Created
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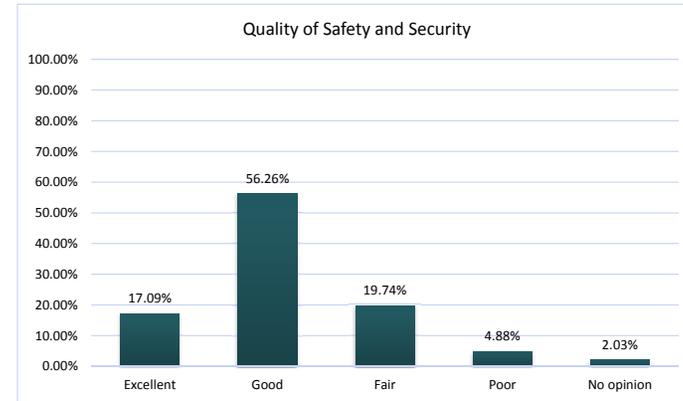
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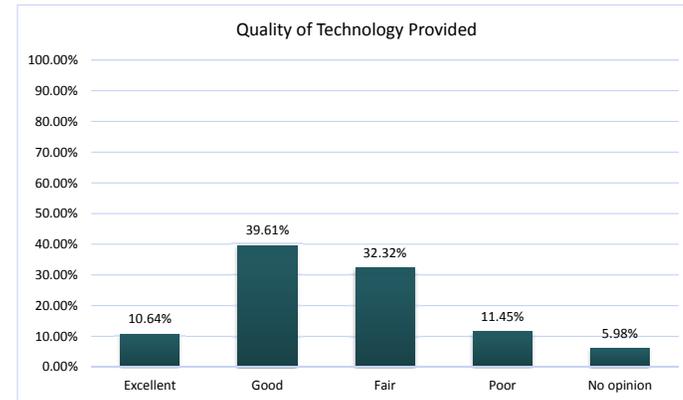
7. How would you rate APS for safety and security? (Multiple Choice)

| | Responses | | Charrette | Online Survey |
|---------------|-------------|------------|-----------|---------------|
| | Percent | Count | | |
| Excellent | 17.09% | 168 | 17 | 151 |
| Good | 56.26% | 553 | 24 | 529 |
| Fair | 19.74% | 194 | 17 | 177 |
| Poor | 4.88% | 48 | 8 | 40 |
| No opinion | 2.03% | 20 | 3 | 17 |
| Totals | 100% | 983 | 69 | 914 |



8. How would you rate the quality of technology provided for staff and students by APS? (Multiple Choice)

| | Responses | | Charrette | Online Survey |
|---------------|-------------|------------|-----------|---------------|
| | Percent | Count | | |
| Excellent | 10.64% | 105 | 10 | 95 |
| Good | 39.61% | 391 | 27 | 364 |
| Fair | 32.32% | 319 | 21 | 298 |
| Poor | 11.45% | 113 | 9 | 104 |
| No opinion | 5.98% | 59 | 5 | 54 |
| Totals | 100% | 987 | 72 | 915 |



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Charrette and Survey Responses

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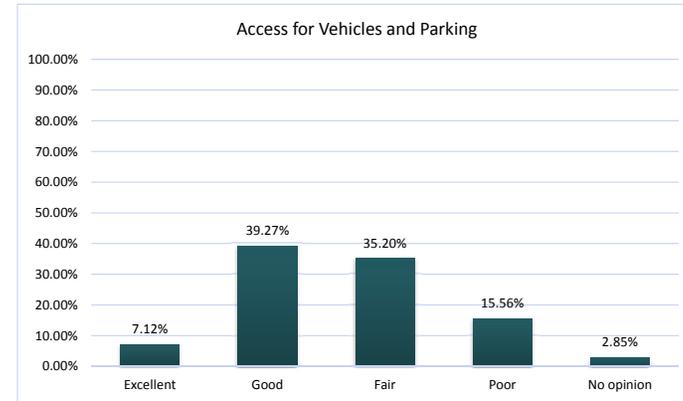
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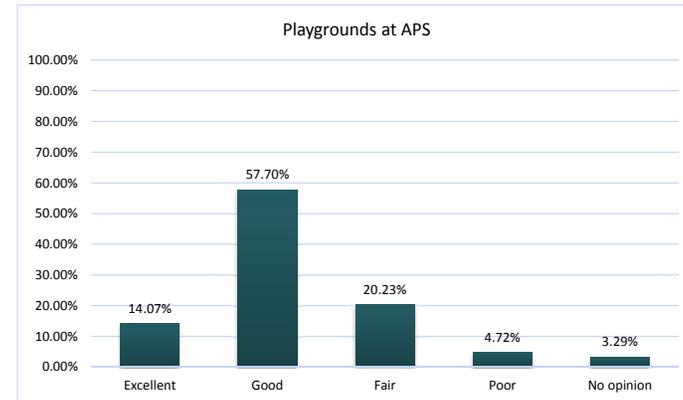
9. How would you rate the access for vehicles, busses, pedestrians, and parking at APS schools? (Multiple Choice)

| | Responses | | Charrette | Online Survey |
|---------------|-------------|------------|-----------|---------------|
| | Percent | Count | | |
| Excellent | 7.12% | 70 | 6 | 64 |
| Good | 39.27% | 386 | 16 | 370 |
| Fair | 35.20% | 346 | 25 | 321 |
| Poor | 15.56% | 153 | 22 | 131 |
| No opinion | 2.85% | 28 | 3 | 25 |
| Totals | 100% | 983 | 72 | 911 |



10. How would you rate the playground fields, playgrounds and athletic facilities at the APS schools? (Multiple Choice)

| | Responses | | Charrette | Online Survey |
|---------------|-------------|------------|-----------|---------------|
| | Percent | Count | | |
| Excellent | 14.07% | 137 | 10 | 127 |
| Good | 57.70% | 562 | 29 | 533 |
| Fair | 20.23% | 197 | 15 | 182 |
| Poor | 4.72% | 46 | 9 | 37 |
| No opinion | 3.29% | 32 | 2 | 30 |
| Totals | 100% | 974 | 65 | 909 |



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Charrette and Survey Responses

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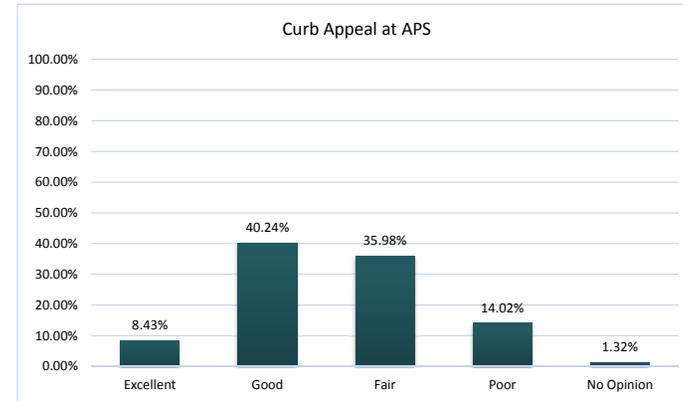
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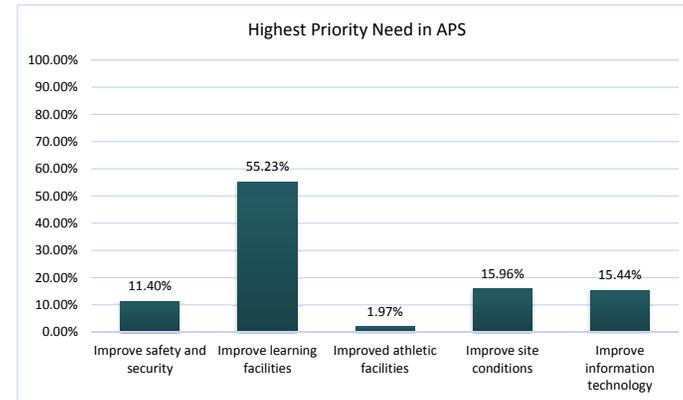
11. How would you rate the condition of the exterior (curb appeal) of APS schools? (Multiple Choice)

| | Responses | | Charrette | Online Survey |
|---------------|-------------|------------|-----------|---------------|
| | Percent | Count | | |
| Excellent | 8.43% | 83 | 10 | 73 |
| Good | 40.24% | 396 | 26 | 370 |
| Fair | 35.98% | 354 | 24 | 330 |
| Poor | 14.02% | 138 | 8 | 130 |
| No Opinion | 1.32% | 13 | 0 | 13 |
| Totals | 100% | 984 | 68 | 916 |



12. Which of the following would you consider to be the highest priority need in the APS schools? (Multiple Choice)

| | Responses | | Charrette | Online Survey |
|--------------------------------|-------------|------------|-----------|---------------|
| | Percent | Count | | |
| Improve safety and security | 11.40% | 110 | 7 | 103 |
| Improve learning facilities | 55.23% | 533 | 44 | 489 |
| Improved athletic facilities | 1.97% | 19 | 4 | 15 |
| Improve site conditions | 15.96% | 154 | 10 | 144 |
| Improve information technology | 15.44% | 149 | 8 | 141 |
| Totals | 100% | 965 | 73 | 892 |



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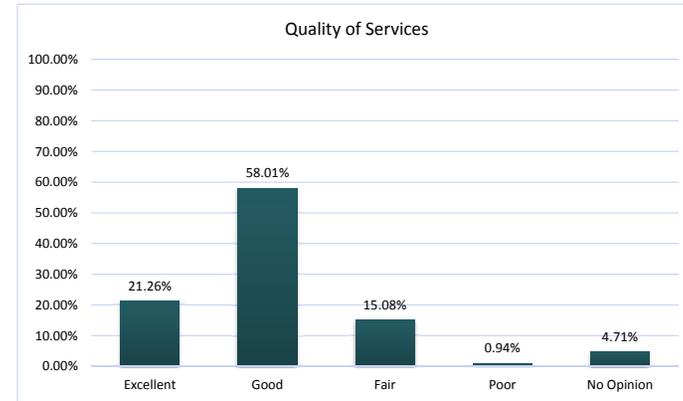
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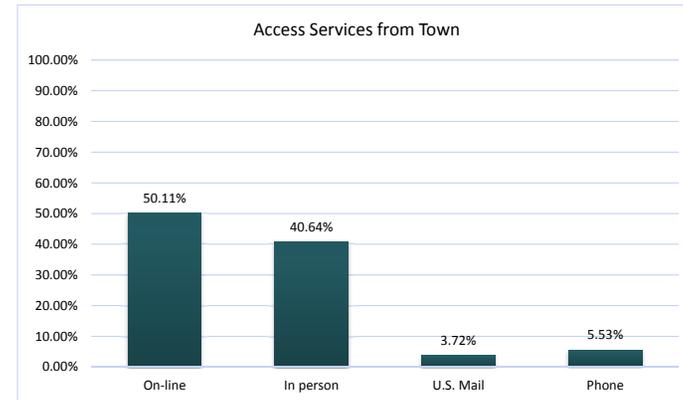
13. How would you rate the overall quality of services provided by the Town of Andover? (Multiple Choice)

| | Responses | | Charrette | Online Survey |
|---------------|-------------|------------|-----------|---------------|
| | Percent | Count | | |
| Excellent | 21.26% | 203 | 27 | 176 |
| Good | 58.01% | 554 | 36 | 518 |
| Fair | 15.08% | 144 | 8 | 136 |
| Poor | 0.94% | 9 | 0 | 9 |
| No Opinion | 4.71% | 45 | 2 | 43 |
| Totals | 100% | 955 | 73 | 882 |



14. How do you most frequently access services from the Town of Andover? (Multiple Choice)

| | Responses | | Charrette | Online Survey |
|---------------|-------------|------------|-----------|---------------|
| | Percent | Count | | |
| On-line | 50.11% | 471 | 21 | 450 |
| In person | 40.64% | 382 | 43 | 339 |
| U.S. Mail | 3.72% | 35 | 3 | 32 |
| Phone | 5.53% | 52 | 6 | 46 |
| Totals | 100% | 940 | 73 | 867 |



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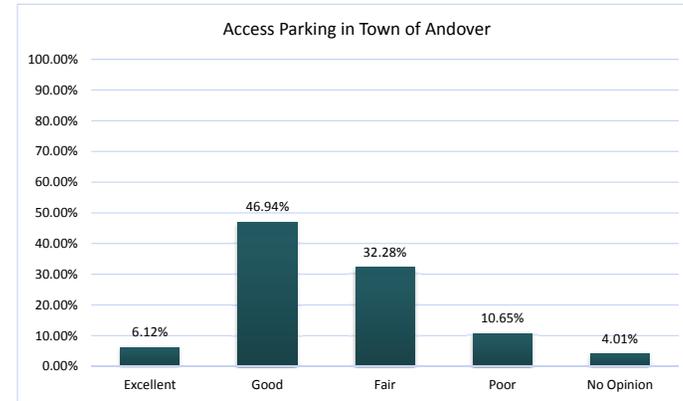
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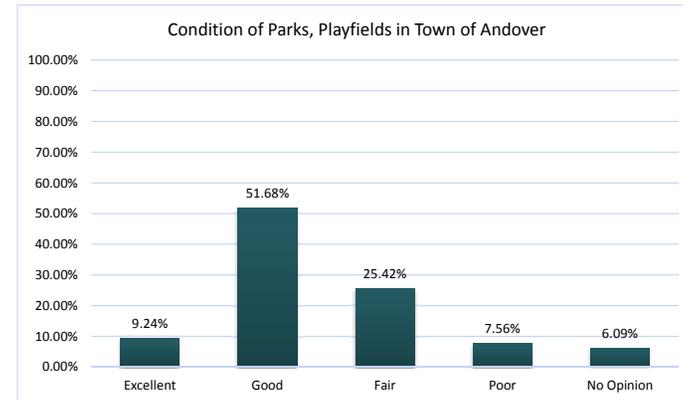
15. How would you rate the access to parking at town facilities in the Town of Andover? (Multiple Choice)

| | Responses | | Charrette | Online Survey |
|---------------|-------------|------------|-----------|---------------|
| | Percent | Count | | |
| Excellent | 6.12% | 58 | 10 | 48 |
| Good | 46.94% | 445 | 17 | 428 |
| Fair | 32.28% | 306 | 20 | 286 |
| Poor | 10.65% | 101 | 19 | 82 |
| No Opinion | 4.01% | 38 | 1 | 37 |
| Totals | 100% | 948 | 67 | 881 |



16. How would you rate the condition of parks, playgrounds and playfields in the Town of Andover? (Multiple Choice)

| | Responses | | Charrette | Online Survey |
|---------------|-------------|------------|-----------|---------------|
| | Percent | Count | | |
| Excellent | 9.24% | 88 | 13 | 75 |
| Good | 51.68% | 492 | 31 | 461 |
| Fair | 25.42% | 242 | 20 | 222 |
| Poor | 7.56% | 72 | 5 | 67 |
| No Opinion | 6.09% | 58 | 4 | 54 |
| Totals | 100% | 952 | 73 | 879 |



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Charrette and Survey Responses

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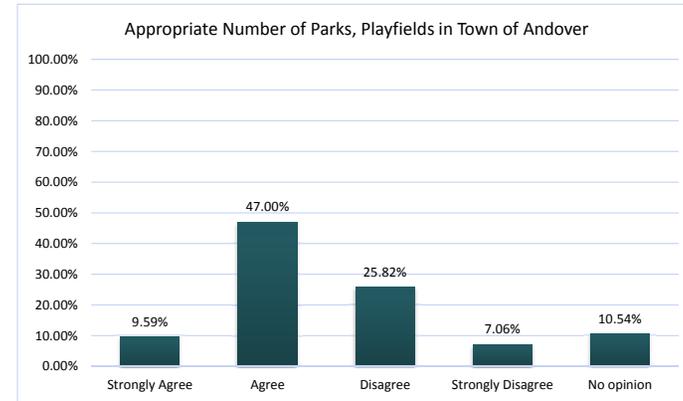
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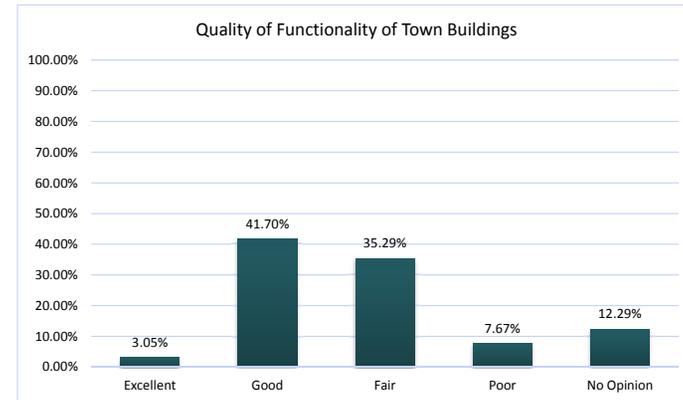
17. There are the appropriate number of parks, playgrounds and playfields in the Town of Andover? (Multiple Choice)

| | Responses | | Charrette | Online Survey |
|-------------------|-------------|------------|-----------|---------------|
| | Percent | Count | | |
| Strongly Agree | 9.59% | 91 | 17 | 74 |
| Agree | 47.00% | 446 | 23 | 423 |
| Disagree | 25.82% | 245 | 23 | 222 |
| Strongly Disagree | 7.06% | 67 | 4 | 63 |
| No opinion | 10.54% | 100 | 5 | 95 |
| Totals | 100% | 949 | 72 | 877 |



18. How would you rate the overall functionality of the Andover Town buildings for providing services in the 21st Century? (Multiple Choice)

| | Responses | | Charrette | Online Survey |
|---------------|-------------|------------|-----------|---------------|
| | Percent | Count | | |
| Excellent | 3.05% | 29 | 3 | 26 |
| Good | 41.70% | 397 | 38 | 359 |
| Fair | 35.29% | 336 | 25 | 311 |
| Poor | 7.67% | 73 | 6 | 67 |
| No Opinion | 12.29% | 117 | 2 | 115 |
| Totals | 100% | 952 | 74 | 878 |



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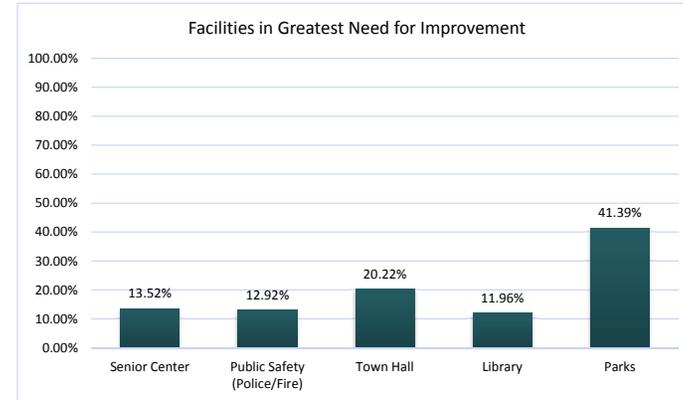
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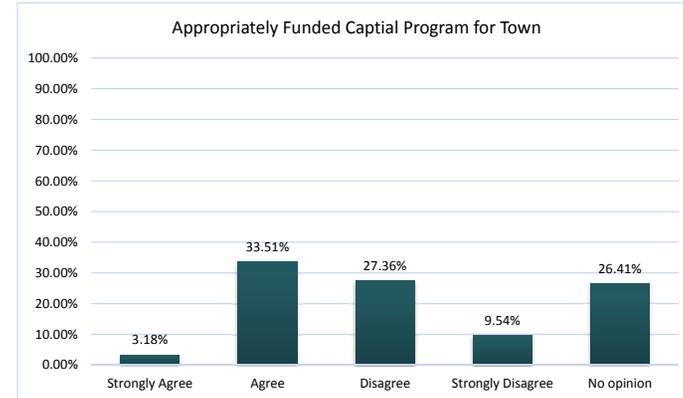
19. Which of the facilities for following services/programs do you feel is in the greatest need for improvement so that it can better service the community? (Multiple Choice)

| | Responses | | Charrette | Online Survey |
|-----------------------------|-------------|------------|-----------|---------------|
| | Percent | Count | | |
| Senior Center | 13.52% | 113 | 25 | 88 |
| Public Safety (Police/Fire) | 12.92% | 108 | 5 | 103 |
| Town Hall | 20.22% | 169 | 11 | 158 |
| Library | 11.96% | 100 | 7 | 93 |
| Parks | 41.39% | 346 | 26 | 320 |
| Totals | 100% | 836 | 74 | 762 |



20. The Town of Andover appropriately funds its capital program to meet the needs of the community? (Multiple Choice)

| | Responses | | Charrette | Online Survey |
|-------------------|-------------|------------|-----------|---------------|
| | Percent | Count | | |
| Strongly Agree | 3.18% | 30 | 6 | 24 |
| Agree | 33.51% | 316 | 15 | 301 |
| Disagree | 27.36% | 258 | 27 | 231 |
| Strongly Disagree | 9.54% | 90 | 22 | 68 |
| No opinion | 26.41% | 249 | 5 | 244 |
| Totals | 100% | 943 | 75 | 868 |



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Charrette and Survey Responses

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4/14/2016 12:00:00 AM

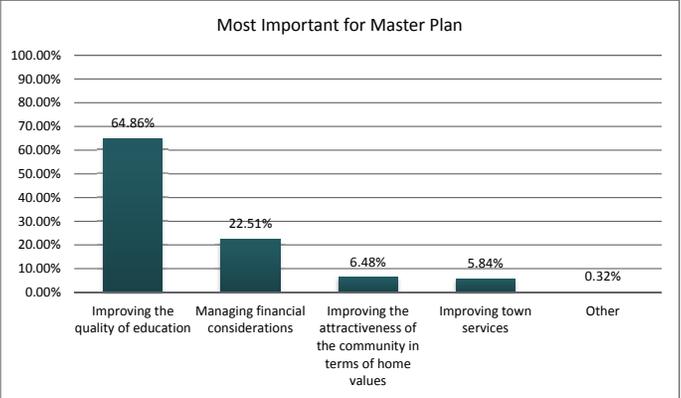
Active Participants
about 900

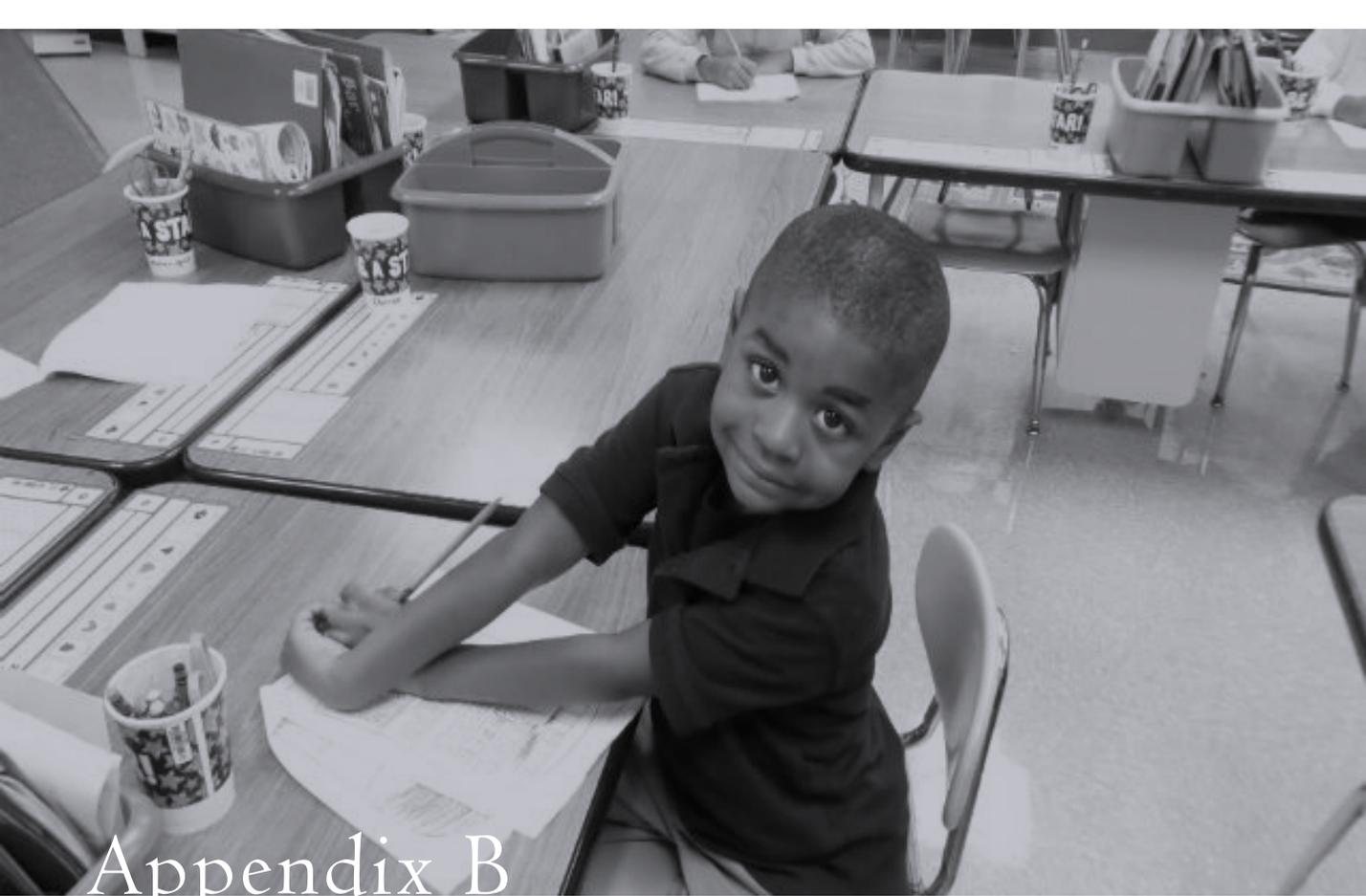
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22

21. The most important element to consider in the development of a comprehensive master plan is: (Multiple Choice)

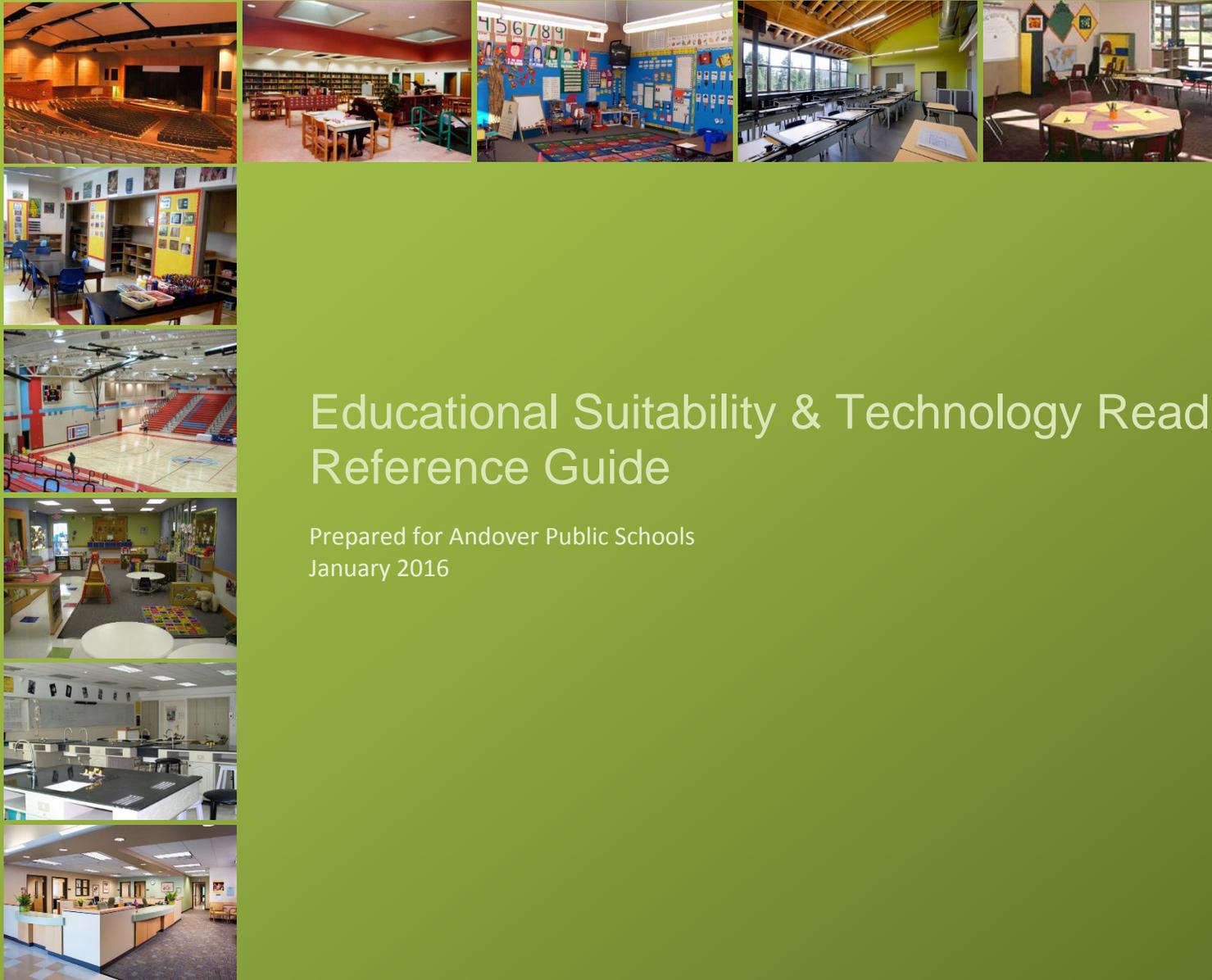
| | Responses | | Charrette | Online Survey |
|---|-------------|------------|-----------|---------------|
| | Percent | Count | | |
| Improving the quality of education | 64.86% | 611 | 34 | 577 |
| Managing financial considerations | 22.51% | 212 | 25 | 187 |
| Improving the attractiveness of the community in terms of home values | 6.48% | 61 | 8 | 53 |
| Improving town services | 5.84% | 55 | 7 | 48 |
| Other | 0.32% | 3 | 3 | 0 |
| Totals | 100% | 942 | 77 | 865 |





Appendix B

Suitability Adequacy Guide



Educational Suitability & Technology Readiness Reference Guide

Prepared for Andover Public Schools
January 2016

EDUCATIONAL SUITABILITY & TECHNOLOGY READINESS REFERENCE GUIDE

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CONTENT SPECIFIC COMPUTER LABS

Computer labs should be scored if they exist. If a school has no computer lab, it should be scored *N/A*. For educational suitability purposes, if the computer lab is located in a portable, all four components should be scored *Unsatisfactory*.

| System | Component | Description | What to Look For |
|---------------|---------------------|--|---|
| Computer Labs | Environment | The room should provide an inviting and stimulating environment for learning. | <p>Spatial Configuration (immovable and movable): Does it support the instructional program?</p> <p>Lighting: Lighting should minimize screen glare and eye strain.</p> <p>Acoustics: Are there impediments to hearing the teacher? Is there noise transfer between classrooms?</p> <p>HVAC/Temperature: Is there proper ventilation and consistent and adequate climate control?</p> <p>Aesthetics: Is it an inviting learning environment?</p> |
| | Size | The room should meet the square footage standards and should accommodate movement of students around learning stations. 30 SF per work station | <p>EXCEL: 90-100% of the room(s) meet standards</p> <p>GOOD: 80-89% of the room(s) meet standards</p> <p>FAIR: 65-79% of the room(s) meet standards</p> <p>POOR: 50-64% of the room(s) meet standards</p> <p>UNSAT: <50% of the room(s) meet standards</p> |
| | Location | The room should be appropriately located for the program. | A room that is close to classroom areas and shielded from noise-producing activities or functions. |
| | Storage/Fixed Equip | The room should have adequate storage space and fixed equipment appropriate to the program. | <p>Storage: Is there adequate permanent casework and enough storage for teaching materials and records?</p> <p>Fixed Equipment: There should be sufficient outlets, power sources (e.g., charging stations), and network links for the amount of equipment provided. Equipment should be properly secured and appropriate for the program.</p> <p>AV/Projection: White board, projection equipment</p> |

Examples of computer labs:



EARLY CHILDHOOD EDUCATION

For suitability purposes, if some early childhood classrooms are located in a portable building, the comment for all four components should include this information and the scores should be lowered based on the percent of classrooms in that category that are located in portable buildings. If all ECE classrooms are in portables, all components should be scored *Unsatisfactory*.

| System | Component | Description | What to Look For |
|--------|---------------------|---|--|
| ECE | Environment | The room should provide an inviting and stimulating environment for learning. | <p>Spatial Configuration (immovable): Does it support the instructional program?</p> <p>Lighting: Appropriate natural light/lighting levels?</p> <p>Acoustics: Are there impediments to hearing the teacher? Is there noise transfer between classrooms?</p> <p>HVAC/Temperature: Is there proper ventilation and consistent and adequate climate control?</p> <p>Aesthetics: Is it an inviting learning environment?</p> |
| | Size | <p>The room should meet the square footage standards (including restrooms, storage, kitchenette, and teacher preparation)</p> <p>1200 SF</p> | <p>EXCEL: 90-100% of the room(s) meet standards</p> <p>GOOD: 80-89% of the room(s) meet standards</p> <p>FAIR: 65-79% of the room(s) meet standards</p> <p>POOR: 50-64% of the room(s) meet standards</p> <p>UNSAT: <50% of the room(s) meet standards</p> |
| | Location | The room should be appropriately located for the program. | A room that is appropriately located and shielded from noise-producing activities or functions and has <u>access</u> to a separate outdoor play area. (Play area is scored under Outside Spaces .) |
| | Storage/Fixed Equip | The room should have adequate storage space and fixed equipment appropriate to the program. | <p>Storage: Room(s) have adequate, age-appropriate casework and storage.</p> <p>Fixed Equipment: There should be a restroom in the classroom. If the room is used for special education preschool, add a changing area in the restroom and access to a washer and dryer. Fixtures include sink with bubbler, wall of cabinets, age-appropriate fixtures, and technology equipment. Some flooring is a "wet area". In ECE Centers, space should include a shared kitchenette.</p> |

Examples of ECE classrooms:



GENERAL CLASSROOMS

For suitability purposes, if some general classrooms are located in a portable building, the comment for all four components should include this information and scores lowered based on the percent that are located in portable buildings. If all general classrooms are in portables, all four components are scored *Unsatisfactory*.

| System | Component | Description | What to Look For |
|--------------------|---------------------|--|---|
| General Classrooms | Environment | The rooms should provide an inviting and stimulating environment for learning. | <p>Spatial Configuration (immovable): Does it support the instructional program? Classrooms should have flexible spaces for group learning.</p> <p>Lighting: Appropriate natural light/lighting levels? Clerestory windows OK.</p> <p>Acoustics: Are there impediments to hearing the teacher? Is there noise transfer between classrooms? All classes should be equipped with audio enhancement equipment</p> <p>HVAC/Temperature: Is there proper ventilation and consistent and adequate climate control?</p> <p>Aesthetics: Are the room finishes/equipment worn and/or dated?</p> |
| | Size | The rooms should meet the square footage standards. ES 1000 SF MS/HS: 850 SF | <p>EXCEL: 90-100% of the room(s) meet standards</p> <p>GOOD: 80-89% of the room(s) meet standards</p> <p>FAIR: 65-79% of the room(s) meet standards</p> <p>POOR: 50-64% of the room(s) meet standards</p> <p>UNSAT: <50% of the room(s) meet standards</p> |
| | Location | The rooms should be appropriately located for the program. | A room that is appropriately located and shielded from noise-producing activities or functions. |
| | Storage/Fixed Equip | The rooms should have adequate storage space and fixed equipment appropriate to the program. | <p>Storage: Permanent casework and space for teaching materials and records.</p> <p>Fixed Equipment: There should be technology equipment appropriate to the program.</p> <p>ES: One wall of cabinets, counters at age-appropriate height, and sink with fountain, a locked wardrobe cabinet. There should be appropriate storage, cubbies/lockers for students.</p> <p>MS/HS: Storage and infrastructure (outlets and charging stations) to support student technology.</p> |

Examples of general classrooms:



INNOVATION LAB

Each school should have an innovation lab(s). For educational suitability purposes, if the lab is located in a portable, all four components should be scored *Unsatisfactory*.

| System | Component | Description | What to Look For |
|-------------------------------------|---------------------|---|---|
| Innovation (Engineering) Labs | Environment | The room should provide an inviting and stimulating environment for learning. | <p>Spatial Configuration (immovable and movable): Does it support the instructional program?</p> <p>Lighting: Lighting should minimize screen glare and eye strain.</p> <p>Acoustics: Are there impediments to hearing the teacher? Is there noise transfer between classrooms?</p> <p>HVAC/Temperature: Is there proper ventilation and consistent and adequate climate control?</p> <p>Electrical: Sufficient number of drops to provide ample power to all tools in the labs and prevent running cords across the room</p> <p>Aesthetics: Are the room finishes/equipment worn and/or dated?</p> |
| | Size | The room should meet the square footage standards and should accommodate movement of students around learning stations. 1200 SF | <p>EXCEL: 90-100% of the room(s) meet standards</p> <p>GOOD: 80-89% of the room(s) meet standards</p> <p>FAIR: 65-79% of the room(s) meet standards</p> <p>POOR: 50-64% of the room(s) meet standards</p> <p>UNSAT: <50% of the room(s) meet standards</p> |
| | Location | The room should be appropriately located for the program. | A room that is close to classroom areas and shielded from noise-producing activities or functions. |
| | Storage/Fixed Equip | The room should have adequate storage space and fixed equipment appropriate to the program. | <p>Storage: Is there adequate permanent casework and enough storage for teaching materials and records?</p> <p>Fixed Equipment: There should be sufficient outlets, power sources, and network links for the amount of equipment provided. Equipment should be properly secured and appropriate for the program.</p> <p>Safety Equipment: FE (fire extinguisher, safety blanket), PPE (goggles, gloves, sanitizing equipment), eye wash, shower.</p> |

INSTRUCTIONAL RESOURCE ROOMS

There should be space(s) for resource specialist, speech therapist, psychologists, itinerant teachers, bilingual specialists, migrant services and other services. For educational suitability purposes, if some instructional resource rooms are located in a portable building, the comment for all four components should include this information and scores lowered based on the percent that are located in portable buildings. If all resource rooms are in portables, all components are scored *Unsatisfactory*.

| System | Component | Description | What to Look For |
|------------------------------|---------------------|---|---|
| Instructional Resource Rooms | Environment | The room should provide an inviting and stimulating environment for learning. | <p>Spatial Configuration (immovable): Does it support the instructional program and allow for collaborative learning opportunities?</p> <p>Lighting: Appropriate natural light/lighting levels?</p> <p>Acoustics: Are there impediments to hearing the teacher? Is there noise transfer between classrooms?</p> <p>HVAC/Temperature: Is there proper ventilation and consistent and adequate climate control?</p> <p>Aesthetics: Is it an inviting learning environment?</p> |
| | Size | The room should meet the square footage standards. 500 SF | <p>EXCEL: 90-100% of the room(s) meet standards</p> <p>GOOD: 80-89% of the room(s) meet standards</p> <p>FAIR: 65-79% of the room(s) meet standards</p> <p>POOR: 50-64% of the room(s) meet standards</p> <p>UNSAT: <50% of the room(s) meet standards</p> |
| | Location | The room should be appropriately located for the program. | The room should be near other classrooms and shielded from noise-producing activities or functions. |
| | Storage/Fixed Equip | The room should have adequate storage space and fixed equipment appropriate to the program. | <p>Storage: Room(s) have adequate permanent casework; teacher, and student storage.</p> <p>Fixed Equipment: Room(s) have program/technology equipment appropriate to the program.</p> |

Examples of instructional resource rooms:



KINDERGARTEN

If some kindergarten classrooms are located in a portable building, the comment for all four components should include this information and scores lowered based on the percent that are located in portable buildings. For educational suitability purposes, if all kindergarten classrooms are in portables, all components are scored *Unsatisfactory*.

| System | Component | Description | What to Look For |
|--------------|---------------------|--|---|
| Kindergarten | Environment | The room should provide an inviting and stimulating environment for learning. | <p>Spatial Configuration (immovable): Does it support the instructional program? .</p> <p>Lighting: Appropriate natural light/lighting levels?</p> <p>Acoustics: Are there impediments to hearing the teacher? Is there noise transfer between classrooms? All classes should be equipped with audio enhancement equipment</p> <p>HVAC/Temperature: Is there proper ventilation and consistent and adequate climate control?</p> <p>Aesthetics: Are the room finishes/equipment worn and/or dated?</p> |
| | Size | The room should meet the square footage standards (including restrooms, storage, teacher preparation). 1300 SF | <p>EXCEL: 90-100% of the room(s) meet standards</p> <p>GOOD: 80-89% of the room(s) meet standards</p> <p>FAIR: 65-79% of the room(s) meet standards</p> <p>POOR: 50-64% of the room(s) meet standards</p> <p>UNSAT: <50% of the room(s) meet standards</p> |
| | Location | The room should be appropriately located for the program. | The room should be appropriately located, shielded from noise-producing activities or functions, and located close to parent drop-off and bus loading areas. Kindergarten is to be located on the ground floor. |
| | Storage/Fixed Equip | The room should have adequate storage space and fixed equipment appropriate to the program. | <p>Storage: Storage space for teaching materials and records; and for children's clothing and personal items. Storage, casework, and learning stations are functionally designed for use in free play and structured activities; e.g., shelves are deep and open for frequent use of manipulative materials.</p> <p>Fixed Equipment: There should be a wet area with sink. Room(s) have program/technology equipment appropriate to the program. A restroom should be located within kindergarten classrooms. Counters, furniture, etc. should be appropriate heights for kindergarten-aged students.</p> |

Examples of kindergarten classrooms:



LEARNING ENVIRONMENT

| System | Component | Description | What to Look For |
|----------------------|------------------------|---|---|
| Learning Environment | Learning Style Variety | The school should have flexible learning spaces. | Space is provided to allow for various group sizes, projects, individual workstations, as well as general classrooms. Spaces allow for flexible configurations, allowing for differentiated instruction and collaboration to accommodate multiple teaching and learning styles. |
| | Interior Environment | The school should provide an inviting and stimulating environment for learning. | <p>Spatial Configuration (immovable): Does it support the instructional program or are there oddly-placed posts, difficult angles to navigate or awkward spaces to use?</p> <p>Lighting: Is there appropriate natural light (windows with views) and adequate artificial lighting levels?</p> <p>Acoustics: Are there impediments to hearing the teacher? Is there noise transfer between classrooms or from traffic or play areas into the classrooms? All classes should be equipped with audio enhancement equipment</p> <p>HVAC/Temperature: Is there proper ventilation and consistent and adequate climate control?</p> <p>Aesthetics: Are the room finishes/equipment worn and/or dated?</p> <p>Public places: Does the facility have public spaces to showcase student work (including installation works, and PBL). (Courtyards, foyers, etc.) Does the facility have signage, manual or electronic (closed circuit TV) that welcomes visitors and provides updated information on school events/activities?</p> <p>Sustainability: The facility should provide opportunities for students to experience sustainable (green) building design.</p> <p>ADA Accessibility: Schools should be accessible to visitors, students, and staff with mobility/orientation challenges. Ramps to main entrances, braille signage, elevated staircase lifts, etc.</p> |
| | Exterior Environment | Schools should have outdoor areas for learning opportunities. | Examples include: Outdoor science/nature learning labs, art patios, covered or open instructional areas, and social gathering spaces. |

Examples of learning environments:



MEDIA CENTER

All schools are expected to have a media center. For educational suitability purposes, if the media center is in a portable, all components are scored *Unsatisfactory*.

| System | Component | Description | What to Look For |
|--------------|---------------------|---|---|
| Media Center | Environment | The room should provide an inviting/stimulating environment for learning. There should be space for instruction, research, and quiet reading. | Spatial Configuration (immovable and movable): Does it support instructional programs? Effectively accommodates multiple activities being conducted simultaneously. There should be high ceiling and flexible spaces. Lighting: Appropriate natural light/lighting levels? Acoustics: Are acoustic materials in place to allow different activities to occur at the same time without interference? HVAC/Temperature: Is there proper ventilation and consistent and adequate climate control? Aesthetics Are the room finishes/equipment worn and/or dated? |
| | Size | ES: 4 SF per student, 1800 – 3000 SF MS/HS: 40 SF x 15% of enrollment, plus office, work space, etc. | EXCEL: 90-100% of the room(s) meet standards GOOD: 80-89% of the room(s) meet standards FAIR: 65-79% of the room(s) meet standards POOR: 50-64% of the room(s) meet standards UNSAT: <50% of the room(s) meet standards |
| | Location | The room should be appropriately located for the program. | The media center should be centrally located to support access of all students and away from noisy parts of the building. |
| | Storage/Fixed Equip | The room should have adequate storage space and fixed equipment appropriate to the program. | Storage: Adequate permanent casework and enough storage for materials and technology. Fixed Equipment: Space and capability for computer terminals for student use, research and report writing. Equipment should be properly secured. Bookcases are ideally located on the perimeter or are low enough to allow supervision. Tables, chairs, wall surfaces, and other furniture are designed for flexible use and grouping. The space should include a sink in the workroom. The space should include an interactive projector and accompanying whiteboard. |

Examples of Media Centers:



MUSIC

Required space at all levels. If no music room exists, all four components should be scored *Unsatisfactory*. For educational suitability purposes, if the music room is located in a portable, all four components should be scored *Unsatisfactory*. All secondary schools should have separate choir and band space. High schools also have separate orchestral space.

| System | Component | Description | What to Look For |
|--------|---------------------|---|--|
| Music | Environment | The room should provide an inviting/stimulating environment for learning. | <p>Spatial Configuration (immovable): Size and height of instrumental and choral rehearsal rooms should be sufficient to allow for movement of students and instruments and various presentation arrangements, with high ceilings, acoustical wall coverings.</p> <p>Lighting: Appropriate natural light/lighting levels?</p> <p>Acoustics: Size and height of instrumental and choral rehearsal rooms should be sufficient to allow for acoustic quality. Flooring should be hard surface.</p> <p>HVAC/Temperature: Is there proper ventilation and consistent and adequate climate control?</p> <p>Aesthetics: Are the room finishes/equipment worn and/or dated?</p> |
| | Size | <p>ES: 1200 SF</p> <p>(MS/HS): 1600 SF ea., 4 rooms minimum. General music room (capable of recording), chorus, band, orchestra. Secure instrument and music storage rms. Includes offices Practice rooms (HS only)</p> | <p>EXCEL: 90-100% of the room(s) meet standards</p> <p>GOOD: 80-89% of the room(s) meet standards</p> <p>FAIR: 65-79% of the room(s) meet standards</p> <p>POOR: 50-64% of the room(s) meet standards</p> <p>UNSAT: <50% of the room(s) meet standards</p> |
| | Location | The room should be appropriately located for the program. | All music rooms shall be located remotely from other classrooms to minimize sound transmission, should have convenient access to the auditorium, and practice rooms should have easy supervision. |
| | Storage/Fixed Equip | The room should have adequate storage space and fixed equipment appropriate to the program. | <p>Storage: Room(s) have adequate casework (cabinets and bookshelves), and appropriate storage.</p> <p>Fixed Equipment: There should be sinks and technology equipment appropriate to the program.</p> |

Examples of music classrooms:



NON-INSTRUCTIONAL SPACES

| System | Component | Description | What to Look For |
|-------------------|-----------------------|--|---|
| Non-Instructional | Administration | Administrative spaces should be configured and equipped appropriately. There should be active control of the front door. | <p>Administrative office/clerical space appropriate for the school size;</p> <ul style="list-style-type: none"> ◆ Adequate reception space and counter for parents and visitors. ◆ Storage area for consumable materials. ◆ Adult restrooms. ◆ Principal and AP office with space for meetings of four people. ◆ Small meeting space for meetings of up to 16-20 people. ◆ Faculty mailboxes should not be accessed through the public space. ◆ Administrative areas to include locked storage. ◆ Administrative area should be adjacent to school entry. |
| | Cafeteria | <p>A multi-use room or rooms capable of seating one-third of the capacity of the school for dining. The space should encourage socializing (dining vs eating).</p> <p>ES/MS/HS: 15 square feet per pupil computed to accommodate not more than ½ nor less than 1/3 the planned enrollment</p> | <p>There is good circulation and routing. The cafeteria is acoustically isolated, has appropriate storage and seating. Space to store all the tables and chairs for multipurpose usage. The area for the cafeteria line is designed for the flow of traffic and should allow all students adequate eating time. Tables and benches or seats are designed to maximize space and allow flexibility in the use of the space.</p> <p>There should be restrooms nearby.</p> |
| | Food Service and Prep | Food service and prep spaces (kitchen, freezer, cooler, office, restrooms, etc.) are sized and located appropriately. The kitchen area should have separate areas for pickup and delivery, have adequate storage, and fixed equipment. | Design of kitchen reflects its planned function; e.g., whether for food preparation or warming only. Space is available for refrigeration and preparation of foods to accommodate maximum number of students planned for the school. Office, changing, and restroom area for food preparation staff is available and shall comply with local department of health requirements. Safety equipment is available. The delivery area is separate from other traffic and does not provide an unsecured access point into the school. |
| | Clinic | Each school should have a health clinic. | <p>There should be a health service area with space for;</p> <ul style="list-style-type: none"> ◆ nurse desk ◆ patient beds (4 HS, 3 ES/MS) ◆ file cabinets, and both dry (locked) and refrigerated medication storage ◆ ADA accessible restroom |

NON-INSTRUCTIONAL SPACES (CONTINUED)

| System | Component | Description | What to Look For |
|-------------------|---------------------------|---|--|
| Non-Instructional | Counseling | There should be office area for the psychologist/counseling/social work program which provides for confidentiality and may be shared with other support service programs. | There should be a reception/waiting area (Secondary). The space should be located adjacent to the fireproof records storage. Component requirements Guidance Office = 150 SF Reception = 150 SF Records Room = 150 SF |
| | Parent Center | There should be a parent center room. | The parent center room should accommodate small group meetings and parent activities. It should be located near the administration and have storage. |
| | Custodial and Maintenance | There should be a custodial receiving area (250 SF) and custodial closets with floor mop sink and shelving in each major building area. | The receiving area should be on the ground floor with direct access from delivery truck loading/unloading area and should have shelving for bulk storage of equipment and supplies. There should be a custodian office with appropriate technology. |
| | Student Restrooms | Restroom stalls shall be sufficient to accommodate the maximum planned enrollment and shall be located on campus to allow for supervision. | Restrooms are appropriately located and adequate in number, well-ventilated, and the fixtures are appropriate. Floor and wall surfaces are washable. Toilet partitions and urinal privacy partitions are in place. There should be a non-gender restroom, and an ADA accessible restroom |
| | Faculty Room | The faculty should have a space for dining and a work area. The faculty room(s) should encourage collaboration. | The number and size of the faculty room(s) should be appropriate for the school. There should be work space equipped for copying and other instructional materials preparation, and space for teacher collaboration. |

Examples of non-instructional spaces:



OUTSIDE SPACES

| System | Component | Description | What to Look For |
|---------|---------------------------|--|--|
| Outside | Vehicular Traffic | Traffic routing should be safe with good separation. | Bus, parent, and service lanes are "off-street" and do not conflict with each other, playground, or parking areas. There is adequate bus parking near entrances to the building. |
| | Pedestrian Traffic | Pedestrian traffic routing is safe with good separation from vehicular traffic. | There should be safe walk routes (sidewalks and marked crosswalks) that direct students and the public to appropriate entrances. |
| | Parking | Parking should be adequate in size and marked. | There is adequate off-street paved, marked, and lighted parking for staff and visitors for daily operations (including public events). Parking lots have reasonable access to school entrances. Minimum adequate parking spaces defined as one space per staff member and visitor spaces. There should be sufficient bicycle racks. |
| | Play Areas/Fields | Play areas should be adjacent to the school, adequate in size, and allow for free and organized play time. | ES: There should be an area for covered play, a hard surfaced area, and playground equipment. There should be some storage accessible from outside. ADA accessible. PK/K only: separately fenced area with both hard and grassed areas, adjacent to the classroom(s). MS only: include track and field, 2 play fields. Hard surface courts for basketball and other activities. HS only: track and field, 2 fully lighted competition turf fields and 3 practice fields, baseball and softball fields, and lighted tennis courts. Hard surface courts for basketball and other activities. High and low ropes course. |

Examples of outside spaces:



PERFORMING ARTS

All schools are required to have a performing arts space. If no performing arts space exists, all four components should be scored *Unsatisfactory*. For educational suitability purposes, if the performing arts space is located in a portable, all four components should be scored *Unsatisfactory*.

| System | Component | Description | What to Look For |
|-----------------|---------------------|--|--|
| Performing Arts | Environment | The room should provide an inviting/stimulating environment for learning. | <p>Spatial Configuration (immovable and movable): Does it support instructional programs? ADA accessible from inside the building</p> <p>Lighting: Appropriate lighting levels?</p> <p>Acoustics: Are there impediments to hearing? Is there noise transfer between spaces?</p> <p>HVAC/Temperature: Is there proper ventilation and consistent and adequate climate control?</p> <p>Aesthetics: Are the room finishes/equipment worn and/or dated?</p> |
| | Size | <p>ES: May be combined with another large space but should have a stage, curtains, lights and sound system.</p> <p>MS/HS: The auditorium should have fixed seating for one grade level. HS: three spaces minimum - auditorium, small theater, black box.</p> | <p>EXCEL: 90-100% of the room(s) meet standards</p> <p>GOOD: 80-89% of the room(s) meet standards</p> <p>FAIR: 65-79% of the room(s) meet standards</p> <p>POOR: 50-64% of the room(s) meet standards</p> <p>UNSAT: <50% of the room(s) meet standards</p> |
| | Location | The room should be appropriately located for the program. | The performing arts space should be located on the ground floor and acoustically isolated from the quiet spaces. There should be convenient public & after-school access with the means to restrict access to other spaces and easy access to restrooms and water fountains. |
| | Storage/Fixed Equip | The room should have adequate storage space and fixed equipment appropriate to the program. | The performing arts space should have adequate and appropriate storage, curtain, lighting, sound system, and technology equipment appropriate to the program. |

Examples of performing arts spaces:



PHYSICAL EDUCATION

All schools ES, MS, and HS are expected to have a P.E. space. If no space exists, all four components should be scored *Unsatisfactory*.

| System | Component | Description | | What to Look For |
|---------------------|---|--|---|---|
| P.E. | Environment | The room should provide an inviting/stimulating environment for learning. | | <p>Spatial Configuration (immovable and movable): Does it support instructional programs?</p> <p>Lighting: Appropriate natural light/lighting levels; motion sensor lights with dimmer capability Lights in gyms and field houses are protected from breakage</p> <p>Acoustics: Are there impediments to hearing the teacher? Is there noise transfer between programs? Adequate public announcement systems for capacity crowds (high schools)?</p> <p>HVAC/Temperature: Is there proper ventilation and consistent and adequate climate control?</p> <p>Aesthetics: Are the room finishes/equipment worn and/or dated?</p> |
| | Size | ES: Gym | <p>ES: 3000 SF MS: 6000-7500 SF HS: 6200-7500 SF</p> | <p>EXCEL: 90-100% of the room(s) meet standards GOOD: 80-89% of the room(s) meet standards FAIR: 65-79% of the room(s) meet standards POOR: 50-64% of the room(s) meet standards UNSAT: <50% of the room(s) meet standards</p> |
| | | <p>MS: Competition court, 2 regulation cross-courts, seating for entire ASB. Competition gym. Practice gym. Boys/girls lockers 2000 SF each on the same floor as the gym. Storage/Office 600 SF</p> | <p>HS: Competition court, 3 regulation cross courts, seating for entire ASB. Competition and practice gym. Weight room; multi-purpose (wrestling/dance/gymnastics). Boys/girls lockers 2000 SF each on the same floor as the gym. Storage/Office 600 SF, training room, indoor turf training center, and concession stand.</p> | |
| | Location | The room should be appropriately located for the program. | | The gymnasium is secured from other parts of the campus for evening and weekend events or for public use purposes. Access to public restrooms. |
| Storage/Fixed Equip | The room should have adequate storage space and fixed equipment appropriate to the program. | | <p>Storage: There should be adequate and appropriate storage for general and adaptive equipment.</p> <p>Fixed Equipment - water fountains and fixed equipment (backboards, safety padding, and bleachers down one side as a minimum). Dance rooms should have a wooden floor and mirrored wall.</p> | |

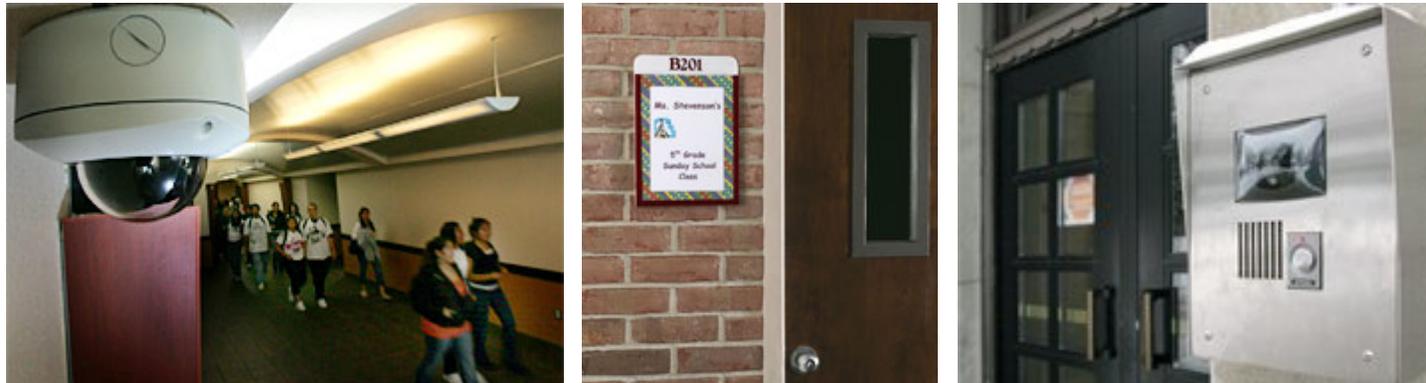
Examples of physical education spaces:



SAFETY & SECURITY

| System | Component | Description | What to Look For |
|---------------------|-----------------------|---|--|
| Safety and Security | Fencing | The school site should be appropriately fenced. | The school site is appropriately fenced. Entrances and egresses are limited, where appropriate. Primary grades have designated play area, not necessarily fenced. |
| | Signage & Way Finding | Interior and exterior signage should be adequate for the needs of the school. | Adequate signage or graphics direct the public to major spaces (e.g. entrance, office, gym, auditorium, etc.) of the school and grounds. Traffic and parking signs are adequate to direct visitors. All rooms are identified with numbers. Permanent messaging signs (electronic or manual) at the main entrance |
| | Ease of Supervision | The building layout and equipment should enhance building supervision. | Supervision is enhanced through proper sightlines, few or no "hiding areas," appropriate interior/exterior lighting, good direct visibility or via security cameras both inside and outside the building. |
| | Controlled Entrances | Points of entry should be controlled for student and staff safety. | School design or configuration allows for control of entrances to the school. Public entrances are easily supervised and controlled with a security vestibule. |

Examples of safety & security:



SELF-CONTAINED SPECIAL EDUCATION

Required space where program exists, score *N/A* if program does not exist. For educational suitability purposes, if some self-contained rooms are located in a portable building, the comment for all four components should include this information and scores lowered based on the percent that are located in portable buildings. If all self-contained rooms are in portables, all components are scored *Unsatisfactory*.

| System | Component | Description | What to Look For |
|---------------------------|---------------------|--|---|
| Self-Contained Special Ed | Environment | The room should provide an inviting/stimulating environment for learning. | <p>Spatial Configuration (immovable): Does it support the instructional program?</p> <p>Lighting: Appropriate natural light/lighting levels?</p> <p>Acoustics: Are there impediments to hearing the teacher? Is there noise transfer between classrooms? All classes should be equipped with audio enhancement equipment</p> <p>HVAC/Temperature: Is there proper ventilation and consistent and adequate climate control?</p> <p>Aesthetics: Are the room finishes/equipment worn and/or dated?</p> |
| | Size | The room should meet the square footage standards. ES/MS/HS Classroom: 1200 SF ES/MS/HS Sensory/quiet space: 500 SF ES/MS/HS PT/OT Room: 1000 SF (if program exists) | <p>EXCEL: 90-100% of the room(s) meet standards</p> <p>GOOD: 80-89% of the room(s) meet standards</p> <p>FAIR: 65-79% of the room(s) meet standards</p> <p>POOR: 50-64% of the room(s) meet standards</p> <p>UNSAT: <50% of the room(s) meet standards</p> |
| | Location | The room should be appropriately located for the program. | The classroom(s) should be shielded from noise-producing activities and located centrally. |
| | Storage/Fixed Equip | The room should have adequate storage space and fixed equipment appropriate to the program. | <p>Storage: Room(s) have adequate permanent casework and teacher and student storage. Adaptive equipment storage.</p> <p>Fixed Equipment: The classrooms should have adaptive equipment and technology equipment appropriate to the program. Each room should have a restroom with hot water, shower, and changing area.</p> |

Examples of self-contained special education classrooms:



SCIENCE

Required space at MS and HS levels, score all four components *Unsatisfactory* if none exists. For educational suitability purposes, if all the science rooms are located in a portable, all four components should be scored *Unsatisfactory*. The secondary schools should include both classrooms and lab spaces.

| System | Component | Description | What to Look For |
|---------|---------------------|---|--|
| Science | Environment | The room should provide an inviting/stimulating environment for learning. | <p>Spatial Configuration (immovable and movable): Classrooms are flexibly designed to insure full student access to laboratory stations and lecture areas.</p> <p>Lighting: Appropriate natural light/lighting levels?</p> <p>Acoustics: Are there impediments to hearing the teacher? Is there noise transfer between classrooms?</p> <p>HVAC/Temperature: Is there proper ventilation and consistent and adequate climate control?</p> <p>Plumbing: Floor and sink drains with chemical neutralizers, running water, and gas lines</p> <p>Aesthetics: Are the room finishes/equipment worn and/or dated?</p> |
| | Size | <p>The room should meet the square footage standards.</p> <p>MS/HS: 1200 SF Prep area Storage room</p> | <p>EXCEL: 90-100% of the room(s) meet standards</p> <p>GOOD: 80-89% of the room(s) meet standards</p> <p>FAIR: 65-79% of the room(s) meet standards</p> <p>POOR: 50-64% of the room(s) meet standards</p> <p>UNSAT: <50% of the room(s) meet standards</p> |
| | Location | The room should be appropriately located for the program. | The science classroom should be shielded from noise-producing activities or functions. |
| | Storage/Fixed Equip | The room should have adequate storage space and fixed equipment appropriate to the program. | <p>Storage: Space for teaching materials and adequate permanent casework. There should be separate secured storage areas area provided for volatile, flammable, and corrosive chemicals and cleaning agents.</p> <p>Fixed Equipment – There should be a science classroom with wet flooring, appropriate science storage and extra sinks as well as safety equipment (FE, PPE shower, eyewash) and supplies. Fume hoods in 50% of the rooms, water and gas in all spaces.</p> |

Examples of science classrooms & labs



TECHNOLOGY READINESS

Standard: wireless capability throughout the school, fiber access to each school, telephones to each instructional space, and four hardwire connections to each classroom.

| System | Component | Description | What to Look For |
|----------------------|---------------------|--|---|
| Technology Readiness | Comm/IT Environment | Communications and IT equipment should be in a climate-controlled environment that is secure and accessible. | Equipment is located in a place designed for Comm/IT equipment. Space is properly climate-controlled, secure, easily accessed. The area has adequate storage, utilities, and fixed equipment and is free of clutter. |
| | Electrical Power | Sufficient electrical power to provide for each student and staff operation of multiple devices. | Each instructional, technology, and administrative space (classrooms, library, labs, data centers, etc.) has sufficient electrical power requirements for all applicable technology devices and outlets for a minimum of 5 computers per classroom. Sufficient power and redundant power systems to ensure uninterrupted service. |
| | Cooling | Classrooms and computer lab computers should be in a climate-controlled environment. | Each classroom or computer lab has sufficient HVAC capacity for the number of computers present. The spaces have adequate year round cooling and ventilation. |
| | Equity of Access | There should be adequate network access to provide for ubiquitous wireless in all instructional spaces. | Each area (classroom, media center, computer labs and support areas) have adequate network access for computers and applicable instructional technology devices through either network drops or dense wireless. |
| | LAN Connectivity | All schools should be connected to the Local Area Network | ALL: LAN connectivity throughout MOST: Most instructional areas have LAN connectivity SOME: Some instructional areas have LAN connectivity NONE: No LAN connectivity |
| | WAN Backbone | Internet connectivity method | FIBER: The facility has fiber based connectivity to the Internet. Wireless: The facility has Wireless based connectivity to the Internet. T1: The facility has T1 based connectivity to the Internet. DSL: The facility has DSL based connectivity to the Internet. |
| | LAN-WAN Performance | Reliability of internet access | Internet connectivity is available and reliable. |
| | Video Distribution | All schools | The facility has infrastructure for video distribution (e.g. cable TV, satellite, streaming, or other video system). |
| | Voice Distribution | All schools should have cell phone connectivity | Should have an IP or analog phone, PA and intercom system in all instructional spaces, including OUTSIDE. If not, score it down. Faculty and Staff have voice mail access. |
| | Faculty/Staff | Faculty and Staff: All staff should have equipment. | Faculty stations have hardwire connections and sufficient electrical power to run computers and multimedia equipment in classrooms. Staff stations have appropriately located computer drops and electrical outlets. All classrooms have interactive projection systems and whiteboards. All schools have remote printing capability. All classrooms have working, accurate clocks connected to the bell system |
| Storage | All schools | Classrooms have sufficient, secured storage for laptop/iPad carts, technology accessories (e.g., pens, remotes, etc.) (E.g., “barns for cows”) | |

VISUAL ARTS CLASSROOMS

Required space at all levels. If there is no space, score all components *Unsatisfactory*. For educational suitability purposes, if the art room is located in a portable, all four components should be scored *Unsatisfactory*.

| System | Component | Description | What to Look For |
|-------------|---------------------|---|---|
| Visual Arts | Environment | The room should provide an inviting and stimulating environment for learning. | <p>Spatial Configuration (immovable and movable): Does it support instructional programs?</p> <p>Lighting: Appropriate natural light/lighting levels, including directional lighting?</p> <p>Acoustics: Are there impediments to hearing the teacher? Is there noise transfer between classrooms?</p> <p>HVAC/Temperature: Is there proper ventilation and consistent and adequate climate control?</p> <p>Aesthetics: Are the room finishes/equipment worn and/or dated?</p> |
| | Size | The room should meet the square footage standards. All levels: 1,200 | <p>EXCEL: 90-100% of the room(s) meet standards</p> <p>GOOD: 80-89% of the room(s) meet standards</p> <p>FAIR: 65-79% of the room(s) meet standards</p> <p>POOR: 50-64% of the room(s) meet standards</p> <p>UNSAT: <50% of the room(s) meet standards or is a portable</p> |
| | Location | The room should be appropriately located for the program. | Rooms should be located appropriately for the instructional program. |
| | Storage/Fixed Equip | The room should have adequate storage space and fixed equipment appropriate to the program. | <p>Storage: Room(s) have adequate permanent casework, appropriate materials and project storage</p> <p>Fixed Equipment: There should be;</p> <ul style="list-style-type: none"> ◆ at least 2 sinks w/clay traps, ◆ kiln w/appropriate ventilation and drying racks, ◆ display space, ◆ hard surfaced flooring, easily cleanable surfaces, ◆ printing press and easels (high school only) ◆ technology equipment. <p>Room(s) should have the capacity to be darkened to display projected imagery.</p> |

Examples of art classrooms:





Appendix C
BASYS Reports

Building Condition Assessment Full Report

| | | | |
|--------------------------|----------------------------------|----------------------------|----------------------|
| Project #: 7698 | Project: Assessments 2016 | Site #: 0003 | Building #: 1 |
| County: Essex | Region: 9 | Building: Main Bldg | |
| Site: Bancroft ES | | | |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|-------------------------------|------------------|----------------------|--------|-------------|----------------|---------------|
| Structural | | | | | | |
| Foundation\Structure | Single Component | 100.00 | New | 15.96 | 15.96 | 100.00 |
| Exterior Walls | Single Component | 100.00 | New | 8.82 | 8.82 | 100.00 |
| Roof | Single Component | 100.00 | New | 5.02 | 5.02 | 100.00 |
| Exterior Windows | Single Component | 100.00 | New | 4.90 | 4.90 | 100.00 |
| Exterior Doors | Single Component | 100.00 | New | 0.47 | 0.47 | 100.00 |
| Interior Floors | Single Component | 100.00 | New | 8.38 | 8.38 | 100.00 |
| Interior Walls | Single Component | 100.00 | New | 8.14 | 8.14 | 100.00 |
| Interior Doors | Single Component | 100.00 | New | 1.12 | 1.12 | 100.00 |
| Ceiling | Single Component | 100.00 | New | 5.45 | 5.45 | 100.00 |
| Fixed Equipment | Single Component | 100.00 | New | 3.61 | 3.61 | 100.00 |
| Mechanical | | | | | | |
| Electrical | | | | | | |
| Main Service | Single Component | 100.00 | New | 2.70 | 2.70 | 100.00 |
| Distribution | Single Component | 100.00 | New | 2.70 | 2.70 | 100.00 |
| Plumbing | | | | | | |
| Supply | Single Component | 100.00 | New | 1.78 | 1.78 | 100.00 |
| Fixtures | Single Component | 100.00 | New | 1.78 | 1.78 | 100.00 |
| Waste | Single Component | 100.00 | New | 1.78 | 1.78 | 100.00 |
| HVAC | | | | | | |
| Energy Generation | Heating | 50.00 | Fair | 2.31 | 3.85 | 60.00 |
| | Cooling | 50.00 | New | 3.85 | 3.85 | 100.00 |
| | | System Total: | | 6.16 | 7.70 | 80.00 |
| Distribution | Single Component | 100.00 | New | 4.62 | 4.62 | 100.00 |
| Controls | Single Component | 100.00 | New | 3.08 | 3.08 | 100.00 |
| Lighting | Single Component | 100.00 | New | 3.94 | 3.94 | 100.00 |
| Elevators and Conveyances | Single Component | 100.00 | New | 0.60 | 0.60 | 100.00 |
| Connectivity | Single Component | 100.00 | New | 1.74 | 1.74 | 100.00 |
| Safety\Fire Protection | | | | | | |
| Means of Exit | | | | | | |
| Exit Operation | Single Component | 100.00 | New | 0.42 | 0.42 | 100.00 |
| Exit Safety | Single Component | 100.00 | New | 0.42 | 0.42 | 100.00 |
| Fire Control Capability | | | | | | |

Project #: 7698

Project: Assessments 2016

APPENDIX C BASYS Reports

County: Essex

Region: 9

Site #: 0003

Building #: 1

Site: Bancroft ES

Building: Main Bldg

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|-----------------------------|------------------|-------------|--------|--------------|----------------|---------------|
| Fire Control Operation | Single Component | 100.00 | New | 1.15 | 1.15 | 100.00 |
| Fire Control Safety | Single Component | 100.00 | New | 1.15 | 1.15 | 100.00 |
| Fire Alarm System | | | | | | |
| Fire Alarm Operation | Single Component | 100.00 | New | 0.44 | 0.44 | 100.00 |
| Fire Alarm Connectivity | Single Component | 100.00 | New | 0.44 | 0.44 | 100.00 |
| Emergency Lighting | Single Component | 100.00 | New | 0.87 | 0.87 | 100.00 |
| Fire Resistance | Single Component | 100.00 | New | 0.84 | 0.84 | 100.00 |
| ADA | Single Component | | Good | | | |
| Total For Building : | | | | 98.46 | 100.00 | 98.46 |

Comments

Mechanical->HVAC-->Energy Generation (Heating)

One boiler has required significant maintenance and will probably need to be replaced under the warranty.

Building Condition Assessment Full Report

| | | | |
|----------------------------|----------------------------------|----------------------------|----------------------|
| Project #: 7698 | Project: Assessments 2016 | Site #: 0010 | Building #: 2 |
| County: Essex | Region: 9 | Building: Main Bldg | |
| Site: High Plain ES | | | |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|-------------------------------|---------------------|-------------|--------|-------------|----------------|---------------|
| Structural | | | | | | |
| Foundation\Structure | Single Component | 100.00 | Good | 14.36 | 15.96 | 90.00 |
| Exterior Walls | Single Component | 100.00 | Good | 7.94 | 8.82 | 90.00 |
| Roof | Single Component | 100.00 | Good | 4.52 | 5.02 | 90.00 |
| Exterior Windows | Single Component | 100.00 | Good | 4.41 | 4.90 | 90.00 |
| Exterior Doors | Single Component | 100.00 | Good | 0.42 | 0.47 | 90.00 |
| Interior Floors | Single Component | 100.00 | Good | 7.54 | 8.38 | 90.00 |
| Interior Walls | Single Component | 100.00 | Fair | 4.88 | 8.14 | 60.00 |
| Interior Doors | Single Component | 100.00 | Good | 1.01 | 1.12 | 90.00 |
| Ceiling | Single Component | 100.00 | Good | 4.90 | 5.45 | 90.00 |
| Fixed Equipment | Classroom casework | 25.00 | Fair | 0.54 | 0.90 | 60.00 |
| | All other equipment | 75.00 | Good | 2.43 | 2.70 | 90.00 |
| System Total: | | | | 2.98 | 3.61 | 82.50 |
| Mechanical | | | | | | |
| Electrical | | | | | | |
| Main Service | Single Component | 100.00 | Good | 2.43 | 2.70 | 90.00 |
| Distribution | Single Component | 100.00 | Good | 2.43 | 2.70 | 90.00 |
| Plumbing | | | | | | |
| Supply | Single Component | 100.00 | Good | 1.60 | 1.78 | 90.00 |
| Fixtures | Single Component | 100.00 | Good | 1.60 | 1.78 | 90.00 |
| Waste | Single Component | 100.00 | Good | 1.60 | 1.78 | 90.00 |
| HVAC | | | | | | |
| Energy Generation | Heating | 50.00 | Fair | 2.31 | 3.85 | 60.00 |
| | Cooling | 50.00 | Poor | 1.15 | 3.85 | 30.00 |
| System Total: | | | | 3.46 | 7.70 | 45.00 |
| Distribution | Single Component | 100.00 | Good | 4.16 | 4.62 | 90.00 |
| Controls | Single Component | 100.00 | Good | 2.77 | 3.08 | 90.00 |
| Lighting | Single Component | 100.00 | Good | 3.55 | 3.94 | 90.00 |
| Elevators and Conveyances | Single Component | 100.00 | Good | 0.54 | 0.60 | 90.00 |
| Connectivity | Single Component | 100.00 | Good | 1.57 | 1.74 | 90.00 |
| Safety\Fire Protection | | | | | | |
| Means of Exit | | | | | | |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|-----------------------------|------------------|-------------|--------|--------------|----------------|---------------|
| Exit Operation | Single Component | 100.00 | Good | 0.38 | 0.42 | 90.00 |
| Exit Safety | Single Component | 100.00 | Good | 0.38 | 0.42 | 90.00 |
| Fire Control Capability | | | | | | |
| Fire Control Operation | Single Component | 100.00 | Good | 1.04 | 1.15 | 90.00 |
| Fire Control Safety | Single Component | 100.00 | Good | 1.04 | 1.15 | 90.00 |
| Fire Alarm System | | | | | | |
| Fire Alarm Operation | Single Component | 100.00 | Good | 0.39 | 0.44 | 90.00 |
| Fire Alarm Connectivity | Single Component | 100.00 | Good | 0.39 | 0.44 | 90.00 |
| Emergency Lighting | Single Component | 100.00 | Good | 0.78 | 0.87 | 90.00 |
| Fire Resistance | Single Component | 100.00 | Good | 0.75 | 0.84 | 90.00 |
| ADA | Single Component | | Good | | | |
| Total For Building : | | | | 83.82 | 100.00 | 83.82 |

Comments

Structural->Interior Walls

The interior walls are soiled.

Structural->Fixed Equipment (Classroom casework)

The classroom casework has doors on the student cubbies that do not operate properly.

Mechanical->HVAC-->Energy Generation (Heating)

The boilers require frequent maintenance.

Mechanical->HVAC-->Energy Generation (Cooling)

There is no cooling except in the administration, counseling and library areas.

Building Condition Assessment Full Report

| | | | |
|-------------------------|----------------------------------|----------------------------|----------------------|
| Project #: 7698 | Project: Assessments 2016 | Site #: 0020 | Building #: 3 |
| County: Essex | Region: 9 | Building: Main Bldg | |
| Site: Sanborn ES | | | |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|----------------------|---------------------------------|-------------|--------|-------------|----------------|---------------|
| Structural | | | | | | |
| Foundation\Structure | Single Component | 100.00 | Good | 11.28 | 12.53 | 90.00 |
| Exterior Walls | Single Component | 100.00 | Good | 8.03 | 8.93 | 90.00 |
| Roof | Single Component | 100.00 | Good | 6.04 | 6.71 | 90.00 |
| Exterior Windows | Single Component | 100.00 | Good | 3.48 | 3.86 | 90.00 |
| Exterior Doors | Single Component | 100.00 | Fair | 0.32 | 0.53 | 60.00 |
| Interior Floors | VCT and carpet | 90.00 | Good | 4.62 | 5.13 | 90.00 |
| | Gym | 10.00 | Poor | 0.17 | 0.57 | 30.00 |
| System Total: | | | | 4.79 | 5.71 | 84.00 |
| Interior Walls | Single Component | 100.00 | Fair | 4.41 | 7.34 | 60.00 |
| Interior Doors | Single Component | 100.00 | Good | 1.08 | 1.20 | 90.00 |
| Ceiling | Single Component | 100.00 | Good | 4.90 | 5.45 | 90.00 |
| Fixed Equipment | Book lockers, toilet partitions | 20.00 | Good | 0.30 | 0.34 | 90.00 |
| | Casework | 40.00 | Poor | 0.20 | 0.67 | 30.00 |
| | Kitchen equip. | 40.00 | Fair | 0.40 | 0.67 | 60.00 |
| System Total: | | | | 0.91 | 1.68 | 54.00 |
| Mechanical | | | | | | |
| Electrical | | | | | | |
| Main Service | Single Component | 100.00 | Fair | 1.65 | 2.75 | 60.00 |
| Distribution | Single Component | 100.00 | Fair | 1.65 | 2.75 | 60.00 |
| Plumbing | | | | | | |
| Supply | Single Component | 100.00 | Good | 3.25 | 3.61 | 90.00 |
| Fixtures | Single Component | 100.00 | Good | 3.25 | 3.61 | 90.00 |
| Waste | Single Component | 100.00 | Good | 3.25 | 3.61 | 90.00 |
| HVAC | | | | | | |
| Energy Generation | Heating | 50.00 | Poor | 1.36 | 4.54 | 30.00 |
| | Cooling | 50.00 | Poor | 1.36 | 4.54 | 30.00 |
| System Total: | | | | 2.72 | 9.08 | 30.00 |
| Distribution | Single Component | 100.00 | Good | 4.90 | 5.45 | 90.00 |
| Controls | Single Component | 100.00 | Good | 3.27 | 3.63 | 90.00 |
| Lighting | Single Component | 100.00 | Good | 3.82 | 4.25 | 90.00 |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|-------------------------------|------------------|-------------|--------|--------------|----------------|---------------|
| Connectivity | Single Component | 100.00 | Good | 1.37 | 1.52 | 90.00 |
| Safety\Fire Protection | | | | | | |
| Means of Exit | | | | | | |
| Exit Operation | Single Component | 100.00 | Good | 0.38 | 0.42 | 90.00 |
| Exit Safety | Single Component | 100.00 | Good | 0.38 | 0.42 | 90.00 |
| Fire Control Capability | | | | | | |
| Fire Control Operation | Single Component | 100.00 | Good | 1.18 | 1.31 | 90.00 |
| Fire Control Safety | Single Component | 100.00 | Good | 1.18 | 1.31 | 90.00 |
| Fire Alarm System | | | | | | |
| Fire Alarm Operation | Single Component | 100.00 | Good | 0.34 | 0.38 | 90.00 |
| Fire Alarm Connectivity | Single Component | 100.00 | Good | 0.34 | 0.38 | 90.00 |
| Emergency Lighting | Single Component | 100.00 | Good | 0.68 | 0.76 | 90.00 |
| Fire Resistance | Single Component | 100.00 | Fair | 0.50 | 0.84 | 60.00 |
| ADA | Single Component | | Fair | | | |
| Total For Building : | | | | 79.34 | 100.00 | 79.34 |

Comments

Structural->Exterior Doors

The exterior doors need paint.

Structural->Interior Floors (Gym)

The gym floor is at the end of useful life.

Structural->Interior Walls

The interior walls in the cafeteria are worn.

Structural->Fixed Equipment (Casework)

The casework is worn and dated.

Structural->Fixed Equipment (Kitchen equip.)

The kitchen equipment is old but working.

Mechanical->Electrical-->Main Service

The main service lacks capacity.

Mechanical->Electrical-->Distribution

The electrical service lacks sufficient outlets.

Mechanical->HVAC-->Energy Generation (Heating)

The boilers are old and inefficient.

Mechanical->HVAC-->Energy Generation (Cooling)

The building has limited air conditioning.

Safety\Fire Protection->Fire Resistance

The building has transoms in the halls and wood paneling in the cafeteria.

ADA

Not all restrooms are ADA accessible.

Building Condition Assessment Full Report

| | | | |
|------------------------|----------------------------------|----------------------------|----------------------|
| Project #: 7698 | Project: Assessments 2016 | Site #: 0025 | Building #: 4 |
| County: Essex | Region: 9 | Building: Main Bldg | |
| Site: South ES | | | |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|-------------------------------|------------------------------|----------------------|--------|-------------|----------------|---------------|
| Structural | | | | | | |
| Foundation\Structure | Single Component | 100.00 | Good | 11.28 | 12.53 | 90.00 |
| Exterior Walls | Single Component | 100.00 | Good | 8.03 | 8.93 | 90.00 |
| Roof | Single Component | 100.00 | Good | 6.04 | 6.71 | 90.00 |
| Exterior Windows | Single Component | 100.00 | Good | 3.48 | 3.86 | 90.00 |
| Exterior Doors | Single Component | 100.00 | Good | 0.47 | 0.53 | 90.00 |
| Interior Floors | Single Component | 100.00 | Good | 5.13 | 5.71 | 90.00 |
| Interior Walls | Single Component | 100.00 | Good | 6.61 | 7.34 | 90.00 |
| Interior Doors | Single Component | 100.00 | Good | 1.08 | 1.20 | 90.00 |
| Ceiling | Single Component | 100.00 | Good | 4.90 | 5.45 | 90.00 |
| Fixed Equipment | Casework | 30.00 | Fair | 0.30 | 0.50 | 60.00 |
| | Kitchen equip., book lockers | 70.00 | Good | 1.06 | 1.18 | 90.00 |
| | | System Total: | | 1.36 | 1.68 | 81.00 |
| Mechanical | | | | | | |
| Electrical | | | | | | |
| Main Service | Single Component | 100.00 | Good | 2.48 | 2.75 | 90.00 |
| Distribution | Single Component | 100.00 | Fair | 1.65 | 2.75 | 60.00 |
| Plumbing | | | | | | |
| Supply | Single Component | 100.00 | Good | 3.25 | 3.61 | 90.00 |
| Fixtures | Single Component | 100.00 | Good | 3.25 | 3.61 | 90.00 |
| Waste | Single Component | 100.00 | Good | 3.25 | 3.61 | 90.00 |
| HVAC | | | | | | |
| Energy Generation | Heating | 50.00 | Poor | 1.36 | 4.54 | 30.00 |
| | Cooling | 50.00 | Poor | 1.36 | 4.54 | 30.00 |
| | | System Total: | | 2.72 | 9.08 | 30.00 |
| Distribution | Single Component | 100.00 | Good | 4.90 | 5.45 | 90.00 |
| Controls | Single Component | 100.00 | Good | 3.27 | 3.63 | 90.00 |
| Lighting | Single Component | 100.00 | Good | 3.82 | 4.25 | 90.00 |
| Connectivity | Single Component | 100.00 | Good | 1.37 | 1.52 | 90.00 |
| Safety\Fire Protection | | | | | | |
| Means of Exit | | | | | | |
| Exit Operation | Single Component | 100.00 | Good | 0.38 | 0.42 | 90.00 |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|-----------------------------|------------------|-------------|--------|--------------|----------------|---------------|
| Exit Safety | Single Component | 100.00 | Good | 0.38 | 0.42 | 90.00 |
| Fire Control Capability | | | | | | |
| Fire Control Operation | Single Component | 100.00 | Good | 1.18 | 1.31 | 90.00 |
| Fire Control Safety | Single Component | 100.00 | Good | 1.18 | 1.31 | 90.00 |
| Fire Alarm System | | | | | | |
| Fire Alarm Operation | Single Component | 100.00 | Good | 0.34 | 0.38 | 90.00 |
| Fire Alarm Connectivity | Single Component | 100.00 | Good | 0.34 | 0.38 | 90.00 |
| Emergency Lighting | Single Component | 100.00 | Good | 0.68 | 0.76 | 90.00 |
| Fire Resistance | Single Component | 100.00 | Good | 0.75 | 0.84 | 90.00 |
| ADA | Single Component | | Good | | | |
| Total For Building : | | | | 83.57 | 100.00 | 83.57 |

Comments

Structural->Fixed Equipment (Casework)

The casework is worn.

Mechanical->Electrical-->Distribution

The electrical service lacks sufficient outlets.

Mechanical->HVAC-->Energy Generation (Heating)

The boilers are old and inefficient.

Mechanical->HVAC-->Energy Generation (Cooling)

There is limited air conditioning.

Building Condition Assessment Full Report

| | | | |
|------------------------|----------------------------------|----------------------------|----------------------|
| Project #: 7698 | Project: Assessments 2016 | Site #: 0305 | Building #: 5 |
| County: Essex | Region: 9 | Building: Main Bldg | |
| Site: West ES | | | |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|----------------------|-----------------------------------|-------------|--------|-------------|----------------|---------------|
| Structural | | | | | | |
| Foundation\Structure | Single Component | 100.00 | Fair | 7.52 | 12.53 | 60.00 |
| Exterior Walls | Single Component | 100.00 | Good | 8.03 | 8.93 | 90.00 |
| Roof | Single Component | 100.00 | Good | 6.04 | 6.71 | 90.00 |
| Exterior Windows | Single Component | 100.00 | Fair | 2.32 | 3.86 | 60.00 |
| Exterior Doors | Entrance doors | 60.00 | Good | 0.28 | 0.32 | 90.00 |
| | Man doors | 40.00 | Fair | 0.13 | 0.21 | 60.00 |
| System Total: | | | | 0.41 | 0.53 | 78.00 |
| Interior Floors | VCT | 85.00 | Fair | 2.91 | 4.85 | 60.00 |
| | Carpet, Ceramic Tile | 15.00 | Poor | 0.26 | 0.86 | 30.00 |
| System Total: | | | | 3.17 | 5.71 | 55.50 |
| Interior Walls | Single Component | 100.00 | Fair | 4.41 | 7.34 | 60.00 |
| Interior Doors | Newer addition | 60.00 | Good | 0.65 | 0.72 | 90.00 |
| | Original building | 40.00 | Poor | 0.14 | 0.48 | 30.00 |
| System Total: | | | | 0.79 | 1.20 | 66.00 |
| Ceiling | Single Component | 100.00 | Fair | 3.27 | 5.45 | 60.00 |
| Fixed Equipment | Kitchen equip., toilet partitions | 50.00 | Good | 0.76 | 0.84 | 90.00 |
| | Casework, lockers, aud. seating | 50.00 | Fair | 0.50 | 0.84 | 60.00 |
| System Total: | | | | 1.26 | 1.68 | 75.00 |
| Mechanical | | | | | | |
| Electrical | | | | | | |
| Main Service | Single Component | 100.00 | Good | 2.48 | 2.75 | 90.00 |
| Distribution | Single Component | 100.00 | Fair | 1.65 | 2.75 | 60.00 |
| Plumbing | | | | | | |
| Supply | Single Component | 100.00 | Good | 3.25 | 3.61 | 90.00 |
| Fixtures | Single Component | 100.00 | Good | 3.25 | 3.61 | 90.00 |
| Waste | Single Component | 100.00 | Good | 3.25 | 3.61 | 90.00 |
| HVAC | | | | | | |
| Energy Generation | Heating | 50.00 | Poor | 1.36 | 4.54 | 30.00 |
| | Cooling | 50.00 | Poor | 1.36 | 4.54 | 30.00 |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score | |
|-------------------------------|------------------|-------------|--------|----------------------|----------------|---------------|--------------|
| | | | | System Total: | 2.72 | 9.08 | 30.00 |
| Distribution | Single Component | 100.00 | Fair | 3.27 | 5.45 | 60.00 | |
| Controls | Single Component | 100.00 | Fair | 2.18 | 3.63 | 60.00 | |
| Lighting | Single Component | 100.00 | Good | 3.82 | 4.25 | 90.00 | |
| Connectivity | Single Component | 100.00 | Good | 1.37 | 1.52 | 90.00 | |
| Safety\Fire Protection | | | | | | | |
| Means of Exit | | | | | | | |
| Exit Operation | Single Component | 100.00 | Good | 0.38 | 0.42 | 90.00 | |
| Exit Safety | Single Component | 100.00 | Good | 0.38 | 0.42 | 90.00 | |
| Fire Control Capability | | | | | | | |
| Fire Control Operation | Single Component | 100.00 | Good | 1.18 | 1.31 | 90.00 | |
| Fire Control Safety | Single Component | 100.00 | Good | 1.18 | 1.31 | 90.00 | |
| Fire Alarm System | | | | | | | |
| Fire Alarm Operation | Single Component | 100.00 | Good | 0.34 | 0.38 | 90.00 | |
| Fire Alarm Connectivity | Single Component | 100.00 | Good | 0.34 | 0.38 | 90.00 | |
| Emergency Lighting | Single Component | 100.00 | Good | 0.68 | 0.76 | 90.00 | |
| Fire Resistance | Single Component | 100.00 | Fair | 0.50 | 0.84 | 60.00 | |
| ADA | Single Component | | Fair | | | | |
| Total For Building : | | | | 69.42 | 100.00 | 69.42 | |

Comments

Structural->Foundation\Structure

The foundation shows cracking from movement.

Structural->Exterior Windows

About 1/3 of the windows are single pane.

Structural->Exterior Doors (Man doors)

The main doors show wear and need paint.

Structural->Interior Floors (VCT)

The VCT flooring shows wear, has split seams and is uneven in the original building.

Structural->Interior Floors (Carpet, Ceramic Tile)

The ceramic tile in the restrooms is worn and mismatched. The wood gym floor is at the end of its useful life.

Structural->Interior Walls

The interior walls are soiled.

Structural->Interior Doors (Original building)

The interior doors in the original building are at the end of their useful life.

Structural->Ceiling

Some ceiling tiles are soiled.

Structural->Fixed Equipment (Casework, lockers, aud. seating)

The classroom casework, book lockers and auditorium seating is worn and dated.

Mechanical->Electrical-->Distribution

The classroom lack sufficient outlets.

Project #: 7698

Project: Assessments 2016

APPENDIX C BASYS Reports

County: Essex

Region: 9

Site #: 0305

Building #: 5

Site: West ES

Building: Main Bldg

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|---|--|-------------|--------|-------|----------------|---------------|
| Mechanical->HVAC-->Energy Generation (Heating) | The boilers are at the end of useful life and do not provide consistent heat. | | | | | |
| Mechanical->HVAC-->Energy Generation (Cooling) | There is no cooling except in the administration, counseling, and library areas. | | | | | |
| Mechanical->HVAC-->Distribution | The heating is inconsistent and excessive moisture was reported in one store room. | | | | | |
| Mechanical->HVAC-->Controls | Half of the HVAC controls are pneumatic and at the end of useful life. | | | | | |
| Safety\Fire Protection->Fire Resistance | The halls have transoms. | | | | | |
| ADA | Not all restrooms are accessible. | | | | | |

Building Condition Assessment Full Report

| | | | |
|-----------------------------------|----------------------------------|----------------------------|-----------------------|
| Project #: 7698 | Project: Assessments 2016 | Site #: 0005 | Building #: 10 |
| County: Essex | Region: 9 | Building: Main Bldg | |
| Site: Shawsheen Pre School | | | |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|-------------------------------|--------------------|-------------|--------|-------------|----------------|---------------|
| Structural | | | | | | |
| Foundation\Structure | Single Component | 100.00 | Good | 14.36 | 15.96 | 90.00 |
| Exterior Walls | Single Component | 100.00 | Poor | 2.65 | 8.82 | 30.00 |
| Roof | Single Component | 100.00 | Good | 4.52 | 5.02 | 90.00 |
| Exterior Windows | Single Component | 100.00 | Poor | 1.47 | 4.90 | 30.00 |
| Exterior Doors | Single Component | 100.00 | Fair | 0.28 | 0.47 | 60.00 |
| Interior Floors | Single Component | 100.00 | Poor | 2.51 | 8.38 | 30.00 |
| Interior Walls | Single Component | 100.00 | Poor | 2.44 | 8.14 | 30.00 |
| Interior Doors | Single Component | 100.00 | Fair | 0.67 | 1.12 | 60.00 |
| Ceiling | Single Component | 100.00 | Good | 4.90 | 5.45 | 90.00 |
| Fixed Equipment | Kitchen equipment | 50.00 | Good | 1.62 | 1.80 | 90.00 |
| | Classroom casework | 40.00 | Fair | 0.87 | 1.44 | 60.00 |
| | Toilet partitions | 10.00 | Poor | 0.11 | 0.36 | 30.00 |
| System Total: | | | | 2.60 | 3.61 | 72.00 |
| Mechanical | | | | | | |
| Electrical | | | | | | |
| Main Service | Single Component | 100.00 | Poor | 0.81 | 2.70 | 30.00 |
| Distribution | Single Component | 100.00 | Poor | 0.81 | 2.70 | 30.00 |
| Plumbing | | | | | | |
| Supply | Single Component | 100.00 | Good | 1.60 | 1.78 | 90.00 |
| Fixtures | Single Component | 100.00 | Fair | 1.07 | 1.78 | 60.00 |
| Waste | Single Component | 100.00 | Good | 1.60 | 1.78 | 90.00 |
| HVAC | | | | | | |
| Energy Generation | Heating | 50.00 | Good | 3.46 | 3.85 | 90.00 |
| | Cooling | 50.00 | Poor | 1.15 | 3.85 | 30.00 |
| System Total: | | | | 4.62 | 7.70 | 60.00 |
| Distribution | Single Component | 100.00 | Fair | 2.77 | 4.62 | 60.00 |
| Controls | Single Component | 100.00 | Good | 2.77 | 3.08 | 90.00 |
| Lighting | Single Component | 100.00 | Good | 3.55 | 3.94 | 90.00 |
| Elevators and Conveyances | Single Component | 100.00 | Unsat | 0.00 | 0.60 | 0.00 |
| Connectivity | Single Component | 100.00 | Good | 1.57 | 1.74 | 90.00 |
| Safety\Fire Protection | | | | | | |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|-----------------------------|------------------|-------------|--------|--------------|----------------|---------------|
| Means of Exit | | | | | | |
| Exit Operation | Single Component | 100.00 | Good | 0.38 | 0.42 | 90.00 |
| Exit Safety | Single Component | 100.00 | Good | 0.38 | 0.42 | 90.00 |
| Fire Control Capability | | | | | | |
| Fire Control Operation | Single Component | 100.00 | Good | 1.04 | 1.15 | 90.00 |
| Fire Control Safety | Single Component | 100.00 | Good | 1.04 | 1.15 | 90.00 |
| Fire Alarm System | | | | | | |
| Fire Alarm Operation | Single Component | 100.00 | Good | 0.39 | 0.44 | 90.00 |
| Fire Alarm Connectivity | Single Component | 100.00 | Good | 0.39 | 0.44 | 90.00 |
| Emergency Lighting | Single Component | 100.00 | Good | 0.78 | 0.87 | 90.00 |
| Fire Resistance | Single Component | 100.00 | Good | 0.75 | 0.84 | 90.00 |
| ADA | Single Component | | Unsat | | | |
| Total For Building : | | | | 62.72 | 100.00 | 62.72 |

Comments

Structural->Exterior Walls

The wood trim needs painting and repair. The brick needs cleaning and has cracks. The concrete is spalling.

Structural->Exterior Windows

The exterior windows are at the end of service life and do not operate properly.

Structural->Exterior Doors

The exterior doors have some rust and need painting.

Structural->Interior Floors

The VCT is worn, chipped, mismatched and has separated seams.

Structural->Interior Walls

The interior walls are soiled, cracked and need painting.

Structural->Interior Doors

The interior doors need painting.

Structural->Fixed Equipment (Classroom casework)

The classroom casework is worn.

Structural->Fixed Equipment (Toilet partitions)

The toilet partitions are worn and have rust.

Mechanical->Electrical-->Main Service

The main service is at capacity.

Mechanical->Electrical-->Distribution

The distribution equipment is at the end of service life.

Mechanical->Plumbing-->Fixtures

Some fixtures are worn and dated.

Mechanical->HVAC-->Energy Generation (Cooling)

There is no cooling except in the administration area.

Mechanical->HVAC-->Distribution

The uni-vents only provide one source of conditioned air.

Project #: 7698

Project: Assessments 2016

APPENDIX C BASYS Reports

County: Essex

Region: 9

Site #: 0005

Building #: 10

Site: Shawsheen Pre School

Building: Main Bldg

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|---------|--------------|-------------|--------|-------|----------------|---------------|
|---------|--------------|-------------|--------|-------|----------------|---------------|

Mechanical->Elevators and Conveyances
There is no elevator in this three-story building.

ADA
The building is not accessible.

Building Condition Assessment Full Report

| | | | |
|-------------------------|----------------------------------|----------------------------|----------------------|
| Project #: 7698 | Project: Assessments 2016 | Site #: 0310 | Building #: 6 |
| County: Essex | Region: 9 | Building: Main Bldg | |
| Site: Doherty MS | | | |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score | |
|----------------------|------------------------------------|-------------|--------|----------------------|----------------|---------------|--------------|
| Structural | | | | | | | |
| Foundation\Structure | Single Component | 100.00 | Good | 15.23 | 16.92 | 90.00 | |
| Exterior Walls | Single Component | 100.00 | Fair | 5.27 | 8.79 | 60.00 | |
| Roof | Single Component | 100.00 | Good | 4.52 | 5.02 | 90.00 | |
| Exterior Windows | Single Component | 100.00 | Good | 5.80 | 6.44 | 90.00 | |
| Exterior Doors | Single Component | 100.00 | Poor | 0.11 | 0.38 | 30.00 | |
| Interior Floors | Single Component | 100.00 | Fair | 3.57 | 5.95 | 60.00 | |
| Interior Walls | Single Component | 100.00 | Fair | 4.36 | 7.27 | 60.00 | |
| Interior Doors | Older wing | 40.00 | Poor | 0.15 | 0.48 | 30.00 | |
| | Newer wing | 60.00 | Fair | 0.44 | 0.73 | 60.00 | |
| | | | | System Total: | 0.58 | 1.21 | 48.00 |
| Ceiling | Older wing | 60.00 | Poor | 0.99 | 3.30 | 30.00 | |
| | Newer wing | 40.00 | Good | 1.98 | 2.20 | 90.00 | |
| | | | | System Total: | 2.97 | 5.50 | 54.00 |
| Fixed Equipment | Toilet partitions, lockers, | 10.00 | Fair | 0.19 | 0.32 | 60.00 | |
| | Auditorium seating, kitchen equip. | 60.00 | Good | 1.72 | 1.91 | 90.00 | |
| | Casework | 30.00 | Poor | 0.29 | 0.96 | 30.00 | |
| | | | | System Total: | 2.20 | 3.19 | 69.00 |
| Mechanical | | | | | | | |
| Electrical | | | | | | | |
| Main Service | Single Component | 100.00 | Poor | 0.83 | 2.78 | 30.00 | |
| Distribution | Single Component | 100.00 | Poor | 0.83 | 2.78 | 30.00 | |
| Plumbing | | | | | | | |
| Supply | Single Component | 100.00 | Poor | 0.54 | 1.80 | 30.00 | |
| Fixtures | Single Component | 100.00 | Fair | 1.08 | 1.80 | 60.00 | |
| Waste | Single Component | 100.00 | Fair | 1.08 | 1.80 | 60.00 | |
| HVAC | | | | | | | |
| Energy Generation | Heating | 50.00 | Poor | 1.24 | 4.14 | 30.00 | |
| | Cooling | 50.00 | Poor | 1.24 | 4.14 | 30.00 | |
| | | | | System Total: | 2.49 | 8.29 | 30.00 |
| Distribution | Single Component | 100.00 | Good | 4.47 | 4.97 | 90.00 | |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|-------------------------------|-----------------------|-------------|--------|--------------|----------------|---------------|
| Controls | Single Component | 100.00 | Fair | 1.99 | 3.31 | 60.00 |
| Lighting | Halls | 10.00 | Poor | 0.12 | 0.40 | 30.00 |
| | Remainder of building | 90.00 | Good | 3.23 | 3.58 | 90.00 |
| System Total: | | | | 3.35 | 3.98 | 84.00 |
| Elevators and Conveyances | Single Component | 100.00 | Unsat | 0.00 | 0.52 | 0.00 |
| Connectivity | Single Component | 100.00 | Good | 1.49 | 1.66 | 90.00 |
| Safety\Fire Protection | | | | | | |
| Means of Exit | | | | | | |
| Exit Operation | Single Component | 100.00 | Good | 0.38 | 0.42 | 90.00 |
| Exit Safety | Single Component | 100.00 | Good | 0.38 | 0.42 | 90.00 |
| Fire Control Capability | | | | | | |
| Fire Control Operation | Single Component | 100.00 | Good | 1.03 | 1.14 | 90.00 |
| Fire Control Safety | Single Component | 100.00 | Good | 1.03 | 1.14 | 90.00 |
| Fire Alarm System | | | | | | |
| Fire Alarm Operation | Single Component | 100.00 | Poor | 0.12 | 0.41 | 30.00 |
| Fire Alarm Connectivity | Single Component | 100.00 | Good | 0.37 | 0.41 | 90.00 |
| Emergency Lighting | Single Component | 100.00 | Good | 0.75 | 0.83 | 90.00 |
| Fire Resistance | Single Component | 100.00 | Good | 0.76 | 0.85 | 90.00 |
| ADA | Single Component | | Poor | | | |
| Total For Building : | | | | 67.59 | 100.00 | 67.59 |

Comments

Structural->Exterior Walls

The exterior brick walls need some tuck pointing.

Structural->Exterior Windows

A few windows have failed seals.

Structural->Exterior Doors

The exterior doors are old and worn.

Structural->Interior Floors

The carpet and VCT floors are worn and have some split seams. The gym floor is at the end of useful life.

Structural->Interior Walls

The interior walls are soiled and have some cracking.

Structural->Interior Doors (Older wing)

The interior doors in the older wing are old, need paint, and at the end of useful life.

Structural->Interior Doors (Newer wing)

The doors in the newer wing need paint and some new hardware.

Structural->Ceiling (Older wing)

The metal ceiling is misaligned and soiled.

Structural->Fixed Equipment (Toilet partitions, lockers,)

The lockers and toilet partitions are worn, beat up and some need to be replaced.

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|---------|---|-------------|--------|-------|----------------|---------------|
| | Structural->Fixed Equipment (Casework) The casework is old and worn. | | | | | |
| | Mechanical->Electrical-->Main Service The electrical service has old equipment and lacks capacity. | | | | | |
| | Mechanical->Electrical-->Distribution The electrical service lacks sufficient outlets. | | | | | |
| | Mechanical->Plumbing-->Supply The water lines are old, corroded and require maintenance. | | | | | |
| | Mechanical->Plumbing-->Fixtures The fixtures are old and require maintenance. | | | | | |
| | Mechanical->Plumbing-->Waste The waste lines are old and require maintenance. | | | | | |
| | Mechanical->HVAC-->Energy Generation (Heating) The boilers are at the end of useful life. | | | | | |
| | Mechanical->HVAC-->Energy Generation (Cooling) The building has limited air conditioning. | | | | | |
| | Mechanical->HVAC-->Controls Some controls are old, pneumatic type. | | | | | |
| | Mechanical->Lighting (Halls) The hall lighting is dim. | | | | | |
| | Mechanical->Elevators and Conveyances There is no elevator in this two-story building. | | | | | |
| | Safety\Fire Protection->Fire Alarm System-->Fire Alarm Operation The fire alarm is old and dated. | | | | | |
| | ADA The building is accessible but difficult due to the location and length of the one ADA ramp. Not all restrooms are accessible. | | | | | |

Building Condition Assessment Full Report

| | | | |
|------------------------|----------------------------------|----------------------------|----------------------|
| Project #: 7698 | Project: Assessments 2016 | Site #: 0350 | Building #: 7 |
| County: Essex | Region: 9 | Building: Main Bldg | |
| Site: West MS | | | |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|----------------------|---|-------------|--------|-------------|----------------|---------------|
| Structural | | | | | | |
| Foundation\Structure | Single Component | 100.00 | Good | 14.36 | 15.96 | 90.00 |
| Exterior Walls | Single Component | 100.00 | Good | 7.94 | 8.82 | 90.00 |
| Roof | Gym | 5.00 | Fair | 0.15 | 0.25 | 60.00 |
| | Remainder of building | 95.00 | Good | 4.29 | 4.77 | 90.00 |
| System Total: | | | | 4.44 | 5.02 | 88.50 |
| Exterior Windows | Single Component | 100.00 | Good | 4.41 | 4.90 | 90.00 |
| Exterior Doors | Entrance doors | 50.00 | Good | 0.21 | 0.23 | 90.00 |
| | Man doors | 50.00 | Poor | 0.07 | 0.23 | 30.00 |
| System Total: | | | | 0.28 | 0.47 | 60.00 |
| Interior Floors | Gym floor | 5.00 | Poor | 0.13 | 0.42 | 30.00 |
| | Carpet and VCT | 95.00 | Good | 7.16 | 7.96 | 90.00 |
| System Total: | | | | 7.29 | 8.38 | 87.00 |
| Interior Walls | Conc. blk | 50.00 | Fair | 2.44 | 4.07 | 60.00 |
| | Gyp. Bd. | 50.00 | Good | 3.66 | 4.07 | 90.00 |
| System Total: | | | | 6.11 | 8.14 | 75.00 |
| Interior Doors | Single Component | 100.00 | Poor | 0.34 | 1.12 | 30.00 |
| Ceiling | Single Component | 100.00 | Fair | 3.27 | 5.45 | 60.00 |
| Fixed Equipment | Bleachers, Book lockers, Kitchen equip. | 45.00 | Fair | 0.97 | 1.62 | 60.00 |
| | Auditorium, casework, | 45.00 | Poor | 0.49 | 1.62 | 30.00 |
| | Gym lockers | 10.00 | Good | 0.32 | 0.36 | 90.00 |
| System Total: | | | | 1.79 | 3.61 | 49.50 |
| Mechanical | | | | | | |
| Electrical | | | | | | |
| Main Service | Single Component | 100.00 | Fair | 1.62 | 2.70 | 60.00 |
| Distribution | Single Component | 100.00 | Fair | 1.62 | 2.70 | 60.00 |
| Plumbing | | | | | | |
| Supply | Single Component | 100.00 | Good | 1.60 | 1.78 | 90.00 |
| Fixtures | Single Component | 100.00 | Fair | 1.07 | 1.78 | 60.00 |
| Waste | Single Component | 100.00 | Good | 1.60 | 1.78 | 90.00 |

HVAC

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|-------------------------------|------------------|-------------|--------|--------------|----------------|---------------|
| Energy Generation | Heating | 50.00 | Good | 3.46 | 3.85 | 90.00 |
| | Cooling | 50.00 | Poor | 1.15 | 3.85 | 30.00 |
| System Total: | | | | 4.62 | 7.70 | 60.00 |
| Distribution | Single Component | 100.00 | Good | 4.16 | 4.62 | 90.00 |
| Controls | Single Component | 100.00 | Good | 2.77 | 3.08 | 90.00 |
| Lighting | Single Component | 100.00 | Good | 3.55 | 3.94 | 90.00 |
| Elevators and Conveyances | Single Component | 100.00 | Good | 0.54 | 0.60 | 90.00 |
| Connectivity | Single Component | 100.00 | Good | 1.57 | 1.74 | 90.00 |
| Safety\Fire Protection | | | | | | |
| Means of Exit | | | | | | |
| Exit Operation | Single Component | 100.00 | Good | 0.38 | 0.42 | 90.00 |
| Exit Safety | Single Component | 100.00 | Good | 0.38 | 0.42 | 90.00 |
| Fire Control Capability | | | | | | |
| Fire Control Operation | Single Component | 100.00 | Good | 1.04 | 1.15 | 90.00 |
| Fire Control Safety | Single Component | 100.00 | Good | 1.04 | 1.15 | 90.00 |
| Fire Alarm System | | | | | | |
| Fire Alarm Operation | Single Component | 100.00 | Poor | 0.13 | 0.44 | 30.00 |
| Fire Alarm Connectivity | Single Component | 100.00 | Good | 0.39 | 0.44 | 90.00 |
| Emergency Lighting | Single Component | 100.00 | Good | 0.78 | 0.87 | 90.00 |
| Fire Resistance | Single Component | 100.00 | Fair | 0.50 | 0.84 | 60.00 |
| ADA | Single Component | | Fair | | | |
| Total For Building : | | | | 79.57 | 100.00 | 79.57 |

Comments

Structural->Roof (Gym)

The gym roof has a couple of leaks.

Structural->Exterior Doors (Man doors)

The man doors are weathered, need paint, and are at the end of useful life.

Structural->Interior Floors (Gym floor)

The gym floor is at the end of useful life.

Structural->Interior Walls (Conc. blk)

The block walls are worn and have some holes.

Structural->Interior Doors

The interior doors are old and worn, and have hardware that is not lockable from inside the classroom.

Structural->Ceiling

The ceilings have broken, cracked and warped tiles.

Structural->Fixed Equipment (Bleachers, Book lockers, Kitchen equip.)

The bleachers, book lockers, and kitchen equipment is worn.

Structural->Fixed Equipment (Auditorium, casework,)

The auditorium seating and classroom casework are worn and dated.

Project #: 7698

Project: Assessments 2016

APPENDIX C BASYS Reports

County: Essex

Region: 9

Site #: 0350

Building #: 7

Site: West MS

Building: Main Bldg

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|---------|--|-------------|--------|-------|----------------|---------------|
| | Mechanical->Electrical-->Main Service The main service equipment is old. | | | | | |
| | Mechanical->Electrical-->Distribution The electrical system lacks sufficient outlets. | | | | | |
| | Mechanical->Plumbing-->Fixtures The fixtures are old, worn and require maintenance. | | | | | |
| | Mechanical->HVAC-->Energy Generation (Cooling) The building has limited air conditioning. | | | | | |
| | Safety\Fire Protection->Fire Alarm System-->Fire Alarm Operation The fire alarm is old and dated. | | | | | |
| | Safety\Fire Protection->Fire Resistance The hallways have transoms and there is some wood paneling. | | | | | |
| | ADA Not all of the restrooms are accessible. | | | | | |

Building Condition Assessment Full Report

| | | | |
|--------------------------|----------------------------------|----------------------------|----------------------|
| Project #: 7698 | Project: Assessments 2016 | Site #: 0004 | Building #: 8 |
| County: Essex | Region: 9 | Building: Main Bldg | |
| Site: Woodhill MS | | | |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|-------------------------------|---------------------|-------------|--------|-------------|----------------|---------------|
| Structural | | | | | | |
| Foundation\Structure | Single Component | 100.00 | Good | 14.36 | 15.96 | 90.00 |
| Exterior Walls | Single Component | 100.00 | Good | 7.94 | 8.82 | 90.00 |
| Roof | Single Component | 100.00 | Good | 4.52 | 5.02 | 90.00 |
| Exterior Windows | Single Component | 100.00 | Good | 4.41 | 4.90 | 90.00 |
| Exterior Doors | Single Component | 100.00 | Good | 0.42 | 0.47 | 90.00 |
| Interior Floors | Single Component | 100.00 | Good | 7.54 | 8.38 | 90.00 |
| Interior Walls | Single Component | 100.00 | Fair | 4.88 | 8.14 | 60.00 |
| Interior Doors | Single Component | 100.00 | Good | 1.01 | 1.12 | 90.00 |
| Ceiling | Single Component | 100.00 | Good | 4.90 | 5.45 | 90.00 |
| Fixed Equipment | Classroom casework | 25.00 | Fair | 0.54 | 0.90 | 60.00 |
| | All other equipment | 75.00 | Good | 2.43 | 2.70 | 90.00 |
| System Total: | | | | 2.98 | 3.61 | 82.50 |
| Mechanical | | | | | | |
| Electrical | | | | | | |
| Main Service | Single Component | 100.00 | Good | 2.43 | 2.70 | 90.00 |
| Distribution | Single Component | 100.00 | Good | 2.43 | 2.70 | 90.00 |
| Plumbing | | | | | | |
| Supply | Single Component | 100.00 | Good | 1.60 | 1.78 | 90.00 |
| Fixtures | Single Component | 100.00 | Good | 1.60 | 1.78 | 90.00 |
| Waste | Single Component | 100.00 | Good | 1.60 | 1.78 | 90.00 |
| HVAC | | | | | | |
| Energy Generation | Heating | 50.00 | Fair | 2.31 | 3.85 | 60.00 |
| | Cooling | 50.00 | Poor | 1.15 | 3.85 | 30.00 |
| System Total: | | | | 3.46 | 7.70 | 45.00 |
| Distribution | Single Component | 100.00 | Good | 4.16 | 4.62 | 90.00 |
| Controls | Single Component | 100.00 | Good | 2.77 | 3.08 | 90.00 |
| Lighting | Single Component | 100.00 | Good | 3.55 | 3.94 | 90.00 |
| Elevators and Conveyances | Single Component | 100.00 | Good | 0.54 | 0.60 | 90.00 |
| Connectivity | Single Component | 100.00 | Good | 1.57 | 1.74 | 90.00 |
| Safety\Fire Protection | | | | | | |
| Means of Exit | | | | | | |

Project #: 7698

Project: Assessments 2016

APPENDIX C BASYS Reports

County: Essex

Region: 9

Site #: 0004

Building #: 8

Site: Woodhill MS

Building: Main Bldg

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|-----------------------------|------------------|-------------|--------|--------------|----------------|---------------|
| Exit Operation | Single Component | 100.00 | Good | 0.38 | 0.42 | 90.00 |
| Exit Safety | Single Component | 100.00 | Good | 0.38 | 0.42 | 90.00 |
| Fire Control Capability | | | | | | |
| Fire Control Operation | Single Component | 100.00 | Good | 1.04 | 1.15 | 90.00 |
| Fire Control Safety | Single Component | 100.00 | Good | 1.04 | 1.15 | 90.00 |
| Fire Alarm System | | | | | | |
| Fire Alarm Operation | Single Component | 100.00 | Good | 0.39 | 0.44 | 90.00 |
| Fire Alarm Connectivity | Single Component | 100.00 | Good | 0.39 | 0.44 | 90.00 |
| Emergency Lighting | Single Component | 100.00 | Good | 0.78 | 0.87 | 90.00 |
| Fire Resistance | Single Component | 100.00 | Good | 0.75 | 0.84 | 90.00 |
| ADA | Single Component | | Good | | | |
| Total For Building : | | | | 83.82 | 100.00 | 83.82 |

Comments

Structural->Interior Walls

The interior walls are soiled.

Structural->Fixed Equipment (Classroom casework)

The classroom casework has doors on the student cubbies that do not operate properly.

Mechanical->HVAC-->Energy Generation (Heating)

The boilers require frequent maintenance.

Mechanical->HVAC-->Energy Generation (Cooling)

There is no cooling except in the administration, counseling and library areas.

Building Condition Assessment Full Report

| | | | |
|-------------------------|----------------------------------|----------------------------|----------------------|
| Project #: 7698 | Project: Assessments 2016 | Site #: 0505 | Building #: 9 |
| County: Essex | Region: 9 | Building: Main Bldg | |
| Site: Andover HS | | | |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|----------------------|-------------------------------------|-------------|--------|-------------|----------------|---------------|
| Structural | | | | | | |
| Foundation\Structure | Single Component | 100.00 | Good | 15.23 | 16.92 | 90.00 |
| Exterior Walls | Auditorium Walls | 15.00 | Unsat | 0.00 | 1.32 | 0.00 |
| | Remainder of building | 85.00 | Fair | 4.48 | 7.47 | 60.00 |
| | System Total: | | | 4.48 | 8.79 | 51.00 |
| Roof | Single Component | 100.00 | Good | 4.52 | 5.02 | 90.00 |
| Exterior Windows | Single Component | 100.00 | Good | 5.80 | 6.44 | 90.00 |
| Exterior Doors | Aluminum entrance doors | 60.00 | Good | 0.21 | 0.23 | 90.00 |
| | Painted steel man doors | 40.00 | Fair | 0.09 | 0.15 | 60.00 |
| | System Total: | | | 0.30 | 0.38 | 78.00 |
| Interior Floors | Carpet | 10.00 | Fair | 0.36 | 0.60 | 60.00 |
| | VCT | 50.00 | Good | 2.68 | 2.98 | 90.00 |
| | Athletic | 40.00 | Poor | 0.71 | 2.38 | 30.00 |
| | System Total: | | | 3.75 | 5.95 | 63.00 |
| Interior Walls | Single Component | 100.00 | Fair | 4.36 | 7.27 | 60.00 |
| Interior Doors | Single Component | 100.00 | Fair | 0.73 | 1.21 | 60.00 |
| Ceiling | Single Component | 100.00 | Fair | 3.30 | 5.50 | 60.00 |
| Fixed Equipment | Book lockers, auditorium seats | 20.00 | Fair | 0.38 | 0.64 | 60.00 |
| | Athletic lockers, toilet partitions | 20.00 | New | 0.64 | 0.64 | 100.00 |
| | Kitchen equip., bleachers | 60.00 | Good | 1.72 | 1.91 | 90.00 |
| | System Total: | | | 2.74 | 3.19 | 86.00 |
| Mechanical | | | | | | |
| Electrical | | | | | | |
| Main Service | Single Component | 100.00 | Good | 2.50 | 2.78 | 90.00 |
| Distribution | Single Component | 100.00 | Good | 2.50 | 2.78 | 90.00 |
| Plumbing | | | | | | |
| Supply | Single Component | 100.00 | Poor | 0.54 | 1.80 | 30.00 |
| Fixtures | Single Component | 100.00 | Good | 1.62 | 1.80 | 90.00 |
| Waste | Single Component | 100.00 | Good | 1.62 | 1.80 | 90.00 |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score | |
|-------------------------------|------------------|-------------|--------|---------------|----------------|---------------|--------------|
| HVAC | | | | | | | |
| Energy Generation | Heating | 50.00 | Good | 3.73 | 4.14 | 90.00 | |
| | Cooling | 50.00 | Poor | 1.24 | 4.14 | 30.00 | |
| | | | | System Total: | 4.97 | 8.29 | 60.00 |
| Distribution | Single Component | 100.00 | Good | 4.47 | 4.97 | 90.00 | |
| Controls | Single Component | 100.00 | Fair | 1.99 | 3.31 | 60.00 | |
| Lighting | Single Component | 100.00 | Good | 3.58 | 3.98 | 90.00 | |
| Elevators and Conveyances | Single Component | 100.00 | Good | 0.46 | 0.52 | 90.00 | |
| Connectivity | Single Component | 100.00 | Good | 1.49 | 1.66 | 90.00 | |
| Safety\Fire Protection | | | | | | | |
| Means of Exit | | | | | | | |
| Exit Operation | Single Component | 100.00 | Good | 0.38 | 0.42 | 90.00 | |
| Exit Safety | Single Component | 100.00 | Good | 0.38 | 0.42 | 90.00 | |
| Fire Control Capability | | | | | | | |
| Fire Control Operation | Single Component | 100.00 | Good | 1.03 | 1.14 | 90.00 | |
| Fire Control Safety | Single Component | 100.00 | Good | 1.03 | 1.14 | 90.00 | |
| Fire Alarm System | | | | | | | |
| Fire Alarm Operation | Single Component | 100.00 | Good | 0.37 | 0.41 | 90.00 | |
| Fire Alarm Connectivity | Single Component | 100.00 | Good | 0.37 | 0.41 | 90.00 | |
| Emergency Lighting | Single Component | 100.00 | Good | 0.75 | 0.83 | 90.00 | |
| Fire Resistance | Single Component | 100.00 | Good | 0.76 | 0.85 | 90.00 | |
| ADA | Single Component | | Good | | | | |
| Total For Building : | | | | 76.04 | 100.00 | 76.04 | |

Comments

Structural->Exterior Walls (Auditorium Walls)
Dryvit surface is failing and needs to be replaced.

Structural->Exterior Walls (Remainder of building)
The exterior walls need some cleaning and tuck pointing.

Structural->Exterior Doors (Painted steel man doors)
Steel doors are worn and need painting, minor repair.

Structural->Interior Floors (Carpet)
Carpet in library and music rooms is worn and stained. VCT in cafeteria is worn.

Structural->Interior Floors (Athletic)
The wood gym floor and the synthetic field house floor are at the end of their useful life.

Structural->Interior Walls
The interior walls are worn and marred.

Structural->Interior Doors
The interior wood doors are in good condition, the painted steel doors need minor repair and painting.

Structural->Ceiling
Some ceiling tiles are soiled or stained.

Project #: 7698

Project: Assessments 2016

APPENDIX C BASYS Reports

County: Essex

Region: 9

Site #: 0505

Building #: 9

Site: Andover HS

Building: Main Bldg

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|---------|---|-------------|--------|-------|----------------|---------------|
| | Structural->Fixed Equipment (Book lockers, auditorium seats) The book lockers and auditorium seats show wear. | | | | | |
| | Mechanical->Plumbing-->Supply Copper supply lines in science wing addition require frequent replacement due to leaks. Pipes in main building require maintenance due to age. | | | | | |
| | Mechanical->HVAC-->Energy Generation (Cooling) Only the auditorium wing, the administration area, counseling, and the library are cooled. | | | | | |
| | Mechanical->HVAC-->Controls There are still some older pneumatic controls that are at the end of their useful life. | | | | | |

Building Condition Assessment Full Report

| | | | |
|---------------------------------------|----------------------------------|----------------------------|-----------------------|
| Project #: 7698 | Project: Assessments 2016 | Site #: T-1 | Building #: 12 |
| County: Essex | Region: 9 | Building: Main Bldg | |
| Site: Ballardvale Fire station | | | |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score | |
|---------------------------|-----------------------------|-------------|--------|----------------------|----------------|---------------|--------------|
| Structural | | | | | | | |
| Foundation\Structure | Single Component | 100.00 | Poor | 3.49 | 11.62 | 30.00 | |
| Exterior Walls | Single Component | 100.00 | Poor | 2.95 | 9.85 | 30.00 | |
| Roof | Single Component | 100.00 | Poor | 0.94 | 3.12 | 30.00 | |
| Exterior Windows | Single Component | 100.00 | Fair | 1.35 | 2.25 | 60.00 | |
| Exterior Doors | Single Component | 100.00 | Poor | 0.93 | 3.11 | 30.00 | |
| Interior Floors | Carpet | 10.00 | Good | 0.47 | 0.52 | 90.00 | |
| | VCT, concrete, wood | 90.00 | Poor | 1.41 | 4.70 | 30.00 | |
| | | | | System Total: | 1.88 | 5.22 | 36.00 |
| Interior Walls | Dorm room walls | 25.00 | Good | 1.82 | 2.03 | 90.00 | |
| | Remainder of building walls | 75.00 | Poor | 1.82 | 6.08 | 30.00 | |
| | | | | System Total: | 3.65 | 8.10 | 45.00 |
| Interior Doors | Single Component | 100.00 | Poor | 0.55 | 1.84 | 30.00 | |
| Ceiling | Single Component | 100.00 | Fair | 1.19 | 1.98 | 60.00 | |
| Fixed Equipment | Single Component | 100.00 | Fair | 0.30 | 0.51 | 60.00 | |
| Mechanical | | | | | | | |
| Electrical | | | | | | | |
| Main Service | Single Component | 100.00 | Poor | 0.71 | 2.38 | 30.00 | |
| Distribution | Single Component | 100.00 | Poor | 0.71 | 2.38 | 30.00 | |
| Plumbing | | | | | | | |
| Supply | Single Component | 100.00 | Poor | 1.04 | 3.45 | 30.00 | |
| Fixtures | Single Component | 100.00 | Poor | 1.04 | 3.45 | 30.00 | |
| Waste | Single Component | 100.00 | Poor | 1.04 | 3.45 | 30.00 | |
| HVAC | | | | | | | |
| Energy Generation | Heating | 50.00 | New | 4.90 | 4.90 | 100.00 | |
| | Cooling | 50.00 | Poor | 1.47 | 4.90 | 30.00 | |
| | | | | System Total: | 6.37 | 9.80 | 65.00 |
| Distribution | Single Component | 100.00 | Poor | 1.76 | 5.88 | 30.00 | |
| Controls | Single Component | 100.00 | Poor | 1.18 | 3.92 | 30.00 | |
| Lighting | Single Component | 100.00 | Fair | 1.84 | 3.06 | 60.00 | |
| Elevators and Conveyances | Single Component | | (N/A) | 0.00 | 0.00 | 0.00 | |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|-------------------------------|------------------|-------------|--------|--------------|----------------|---------------|
| Connectivity | Single Component | 100.00 | Good | 0.60 | 0.67 | 90.00 |
| Safety\Fire Protection | | | | | | |
| Means of Exit | | | | | | |
| Exit Operation | Single Component | 100.00 | Good | 0.41 | 0.46 | 90.00 |
| Exit Safety | Single Component | 100.00 | Poor | 0.14 | 0.46 | 30.00 |
| Fire Control Capability | | | | | | |
| Fire Control Operation | Single Component | 100.00 | Good | 1.90 | 2.11 | 90.00 |
| Fire Control Safety | Single Component | 100.00 | Good | 1.90 | 2.11 | 90.00 |
| Fire Alarm System | | | | | | |
| Fire Alarm Operation | Single Component | 100.00 | Good | 0.15 | 0.17 | 90.00 |
| Fire Alarm Connectivity | Single Component | 100.00 | Good | 0.15 | 0.17 | 90.00 |
| Emergency Lighting | Single Component | 100.00 | Good | 0.30 | 0.33 | 90.00 |
| Fire Resistance | Single Component | 100.00 | Poor | 0.28 | 0.92 | 30.00 |
| ADA | Single Component | | Unsat | | | |
| Total For Building : | | | | 38.73 | 92.75 | 41.75 |

Comments**Structural->Foundation\Structure**

The foundation/structure is old and in poor condition. It has been shored up in the past. The sill is below grade. The facade of the building is not attached to the second floor and there is water intrusion.

Structural->Exterior Walls

The exterior walls are weathered, cracking and need paint.

Structural->Roof

The shingle roof is at the end of its useful life.

Structural->Exterior Windows

The exterior windows are old and in poor condition.

Structural->Exterior Doors

The exterior doors and hardware are old and worn.

Structural->Interior Floors (VCT, concrete, wood)

The VCT is worn and chipped. The concrete is spalled and uneven. The wood floor is old and worn.

Structural->Interior Walls (Remainder of building walls)

The walls are worn, soiled, and damaged.

Structural->Interior Doors

The interior doors are worn and have old hardware.

Structural->Ceiling

The ceilings on the second floor are soiled and cracked.

Structural->Fixed Equipment

The casework is showing some wear.

Mechanical->Electrical->Main Service

The main service lacks capacity and is at end of service life. It is not to code.

Mechanical->Electrical->Distribution

The electrical service lacks sufficient outlets and the equipment is old.

Project #: 7698

Project: Assessments 2016

APPENDIX C BASYS Reports

County: Essex

Region: 9

Site #: T-1

Building #: 12

Site: Ballardvale Fire station

Building: Main Bldg

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|---|---|-------------|--------|-------|----------------|---------------|
| Mechanical->Plumbing-->Supply | The water lines are old and corroded. | | | | | |
| Mechanical->Plumbing-->Fixtures | The fixtures are old and worn. | | | | | |
| Mechanical->Plumbing-->Waste | The waste lines are old and corroded. | | | | | |
| Mechanical->HVAC-->Energy Generation (Cooling) | The window AC units are old and inefficient. | | | | | |
| Mechanical->HVAC-->Distribution | The baseboard units are old and inefficient. | | | | | |
| Mechanical->HVAC-->Controls | The controls are old and not zoned. | | | | | |
| Mechanical->Lighting | The lighting on the first floor is old and inefficient. | | | | | |
| Safety\Fire Protection->Means of Exit-->Exit Safety | The stairs are not to code. | | | | | |
| Safety\Fire Protection->Fire Resistance | Some walls and ceiling have exposed wood structure. | | | | | |
| ADA | No restrooms are accessible, not all levels are accessible. | | | | | |

Building Condition Assessment Full Report

| | | | | | | |
|----------------------------|----------------------------------|----------------------------|-----------------------|--|--|--|
| Project #: 7698 | Project: Assessments 2016 | | | | | |
| County: Essex | Region: 9 | Site #: T-5 | Building #: 16 | | | |
| Site: Public Safety | | Building: Main Bldg | | | | |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|-------------------------------|------------------|----------------------|--------|-------------|----------------|---------------|
| Structural | | | | | | |
| Foundation\Structure | Single Component | 100.00 | Good | 8.18 | 9.09 | 90.00 |
| Exterior Walls | Single Component | 100.00 | Good | 13.96 | 15.51 | 90.00 |
| Roof | Single Component | 100.00 | Fair | 1.54 | 2.56 | 60.00 |
| Exterior Windows | Single Component | 100.00 | Good | 3.48 | 3.87 | 90.00 |
| Exterior Doors | Single Component | 100.00 | Good | 1.89 | 2.10 | 90.00 |
| Interior Floors | Single Component | 100.00 | Good | 4.11 | 4.57 | 90.00 |
| Interior Walls | Single Component | 100.00 | Good | 5.71 | 6.34 | 90.00 |
| Interior Doors | Single Component | 100.00 | Good | 2.16 | 2.40 | 90.00 |
| Ceiling | Single Component | 100.00 | Good | 2.63 | 2.92 | 90.00 |
| Fixed Equipment | Single Component | 100.00 | Good | 4.59 | 5.10 | 90.00 |
| Mechanical | | | | | | |
| Electrical | | | | | | |
| Main Service | Single Component | 100.00 | Good | 2.09 | 2.32 | 90.00 |
| Distribution | Single Component | 100.00 | Good | 2.09 | 2.32 | 90.00 |
| Plumbing | | | | | | |
| Supply | Single Component | 100.00 | Good | 2.63 | 2.92 | 90.00 |
| Fixtures | Single Component | 100.00 | Good | 2.63 | 2.92 | 90.00 |
| Waste | Single Component | 100.00 | Good | 2.63 | 2.92 | 90.00 |
| HVAC | | | | | | |
| Energy Generation | Heating | 50.00 | Good | 3.50 | 3.89 | 90.00 |
| | Cooling | 50.00 | Good | 3.50 | 3.89 | 90.00 |
| | | System Total: | | 7.00 | 7.78 | 90.00 |
| Distribution | Single Component | 100.00 | Good | 4.20 | 4.67 | 90.00 |
| Controls | Single Component | 100.00 | Good | 2.80 | 3.11 | 90.00 |
| Lighting | Single Component | 100.00 | Good | 2.93 | 3.26 | 90.00 |
| Elevators and Conveyances | Single Component | 100.00 | Good | 5.17 | 5.75 | 90.00 |
| Connectivity | Single Component | 100.00 | Good | 1.22 | 1.36 | 90.00 |
| Safety\Fire Protection | | | | | | |
| Means of Exit | | | | | | |
| Exit Operation | Single Component | 100.00 | Good | 0.34 | 0.38 | 90.00 |
| Exit Safety | Single Component | 100.00 | Good | 0.34 | 0.38 | 90.00 |
| Fire Control Capability | | | | | | |

Project #: 7698

Project: Assessments 2016

APPENDIX C BASYS Reports

County: Essex

Region: 9

Site #: T-5

Building #: 16

Site: Public Safety

Building: Main Bldg

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|-----------------------------|------------------|-------------|--------|--------------|----------------|---------------|
| Fire Control Operation | Single Component | 100.00 | Good | 1.51 | 1.68 | 90.00 |
| Fire Control Safety | Single Component | 100.00 | Good | 1.51 | 1.68 | 90.00 |
| Fire Alarm System | | | | | | |
| Fire Alarm Operation | Single Component | 100.00 | Good | 0.31 | 0.34 | 90.00 |
| Fire Alarm Connectivity | Single Component | 100.00 | Good | 0.31 | 0.34 | 90.00 |
| Emergency Lighting | Single Component | 100.00 | Good | 0.61 | 0.68 | 90.00 |
| Fire Resistance | Single Component | 100.00 | Good | 0.68 | 0.76 | 90.00 |
| ADA | Single Component | | Good | | | |
| Total For Building : | | | | 89.23 | 100.00 | 89.23 |

Comments**Structural->Roof**

The roof is in good condition but is nearing the end of its useful life.

Mechanical->HVAC-->Energy Generation (Heating)

The boiler flue condensates and drips on the ceiling and floor.

Building Condition Assessment Full Report

| | | | |
|--------------------------------|----------------------------------|----------------------------|-----------------------|
| Project #: 7698 | Project: Assessments 2016 | Site #: T-11 | Building #: 21 |
| County: Essex | Region: 9 | Building: Main Bldg | |
| Site: West Fire station | | | |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|---------------------------|--------------------------------------|-------------|--------|-------------|----------------|---------------|
| Structural | | | | | | |
| Foundation\Structure | Single Component | 100.00 | Good | 10.46 | 11.62 | 90.00 |
| Exterior Walls | Single Component | 100.00 | Good | 8.86 | 9.85 | 90.00 |
| Roof | Single Component | 100.00 | Good | 2.81 | 3.12 | 90.00 |
| Exterior Windows | Single Component | 100.00 | Good | 2.03 | 2.25 | 90.00 |
| Exterior Doors | Single Component | 100.00 | Poor | 0.93 | 3.11 | 30.00 |
| Interior Floors | Concrete, VCT | 90.00 | Good | 4.23 | 4.70 | 90.00 |
| | Ceramic Tile | 10.00 | Poor | 0.16 | 0.52 | 30.00 |
| System Total: | | | | 4.38 | 5.22 | 84.00 |
| Interior Walls | Single Component | 100.00 | Fair | 4.86 | 8.10 | 60.00 |
| Interior Doors | Single Component | 100.00 | Poor | 0.55 | 1.84 | 30.00 |
| Ceiling | Single Component | 100.00 | Fair | 1.19 | 1.98 | 60.00 |
| Fixed Equipment | Toilet Partitions. Kitchen equipment | 50.00 | Poor | 0.08 | 0.25 | 30.00 |
| | Casework | 50.00 | Good | 0.23 | 0.25 | 90.00 |
| System Total: | | | | 0.30 | 0.51 | 60.00 |
| Mechanical | | | | | | |
| Electrical | | | | | | |
| Main Service | Single Component | 100.00 | Poor | 0.71 | 2.38 | 30.00 |
| Distribution | Single Component | 100.00 | Poor | 0.71 | 2.38 | 30.00 |
| Plumbing | | | | | | |
| Supply | Single Component | 100.00 | Good | 3.11 | 3.45 | 90.00 |
| Fixtures | Single Component | 100.00 | Fair | 2.07 | 3.45 | 60.00 |
| Waste | Single Component | 100.00 | Good | 3.11 | 3.45 | 90.00 |
| HVAC | | | | | | |
| Energy Generation | Heating | 50.00 | Good | 4.41 | 4.90 | 90.00 |
| | Cooling | 50.00 | Good | 4.41 | 4.90 | 90.00 |
| System Total: | | | | 8.82 | 9.80 | 90.00 |
| Distribution | Single Component | 100.00 | Fair | 3.53 | 5.88 | 60.00 |
| Controls | Single Component | 100.00 | Good | 3.53 | 3.92 | 90.00 |
| Lighting | Single Component | 100.00 | Fair | 1.84 | 3.06 | 60.00 |
| Elevators and Conveyances | Single Component | | (N/A) | 0.00 | 0.00 | 0.00 |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|-------------------------------|------------------|-------------|--------|--------------|----------------|---------------|
| Connectivity | Single Component | 100.00 | Poor | 0.20 | 0.67 | 30.00 |
| Safety\Fire Protection | | | | | | |
| Means of Exit | | | | | | |
| Exit Operation | Single Component | 100.00 | Good | 0.41 | 0.46 | 90.00 |
| Exit Safety | Single Component | 100.00 | Good | 0.41 | 0.46 | 90.00 |
| Fire Control Capability | | | | | | |
| Fire Control Operation | Single Component | 100.00 | Good | 1.90 | 2.11 | 90.00 |
| Fire Control Safety | Single Component | 100.00 | Good | 1.90 | 2.11 | 90.00 |
| Fire Alarm System | | | | | | |
| Fire Alarm Operation | Single Component | 100.00 | Good | 0.15 | 0.17 | 90.00 |
| Fire Alarm Connectivity | Single Component | 100.00 | Good | 0.15 | 0.17 | 90.00 |
| Emergency Lighting | Single Component | 100.00 | Good | 0.30 | 0.33 | 90.00 |
| Fire Resistance | Single Component | 100.00 | Good | 0.83 | 0.92 | 90.00 |
| ADA | Single Component | | Poor | | | |
| Total For Building : | | | | 70.04 | 92.75 | 75.52 |

Comments

Structural->Exterior Doors

The exterior doors are worn and the hardware is old.

Structural->Interior Floors (Ceramic Tile)

The ceramic tile in the restroom is worn, stained and old.

Structural->Interior Walls

The interior walls are soiled and need paint.

Structural->Interior Doors

The interior doors are worn, rusted and need paint. The hardware is old.

Structural->Ceiling

The ceilings are soiled.

Structural->Fixed Equipment (Toilet Partitions. Kitchen equipment)

The toilet partitions and kitchen equipment are old, worn and at the end of useful life.

Mechanical->Electrical-->Main Service

The main service is at the end of useful life.

Mechanical->Electrical-->Distribution

The electrical system lacks outlets and is old.

Mechanical->Plumbing-->Fixtures

The fixtures are old and worn.

Mechanical->HVAC-->Distribution

The radiators are rusting.

Mechanical->Lighting

About half of the lighting is old and energy inefficient.

Mechanical->Connectivity

The phone system is old.

Project #: 7698

Project: Assessments 2016

APPENDIX C BASYS Reports

County: Essex

Region: 9

Site #: T-11

Building #: 21

Site: West Fire station

Building: Main Bldg

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|---------|--------------|-------------|--------|-------|----------------|---------------|
|---------|--------------|-------------|--------|-------|----------------|---------------|

ADA

No restrooms are accessible.

Building Condition Assessment Full Report

| | | | | | |
|---------------------------------|----------------------------------|----------------------------|-----------------------|--|--|
| Project #: 7698 | Project: Assessments 2016 | | | | |
| County: Essex | Region: 9 | Site #: T-2 | Building #: 13 | | |
| Site: Center at Punchard | | Building: Main Bldg | | | |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|----------------------|---------------------------|-------------|--------|-------------|----------------|---------------|
| Structural | | | | | | |
| Foundation\Structure | Single Component | 100.00 | Good | 14.96 | 16.62 | 90.00 |
| Exterior Walls | Single Component | 100.00 | Fair | 7.45 | 12.42 | 60.00 |
| Roof | Single Component | 100.00 | Fair | 3.94 | 6.56 | 60.00 |
| Exterior Windows | Single Component | 100.00 | Poor | 0.57 | 1.89 | 30.00 |
| Exterior Doors | Single Component | 100.00 | Fair | 0.54 | 0.90 | 60.00 |
| Interior Floors | Remainder of flooring | 70.00 | Good | 3.80 | 4.22 | 90.00 |
| | Kitchen hall, dining room | 15.00 | Poor | 0.27 | 0.90 | 30.00 |
| | Exercise room | 15.00 | Poor | 0.27 | 0.90 | 30.00 |
| System Total: | | | | 4.34 | 6.03 | 72.00 |
| Interior Walls | Single Component | 100.00 | Fair | 4.37 | 7.28 | 60.00 |
| Interior Doors | Single Component | 100.00 | Fair | 4.04 | 6.74 | 60.00 |
| Ceiling | Single Component | 100.00 | Good | 5.52 | 6.14 | 90.00 |
| Fixed Equipment | Single Component | 100.00 | Fair | 2.77 | 4.61 | 60.00 |
| Mechanical | | | | | | |
| Electrical | | | | | | |
| Main Service | Single Component | 100.00 | Fair | 1.11 | 1.86 | 60.00 |
| Distribution | Single Component | 100.00 | Fair | 1.11 | 1.86 | 60.00 |
| Plumbing | | | | | | |
| Supply | Single Component | 100.00 | Fair | 1.88 | 3.13 | 60.00 |
| Fixtures | Single Component | 100.00 | Fair | 1.88 | 3.13 | 60.00 |
| Waste | Single Component | 100.00 | Good | 2.81 | 3.13 | 90.00 |
| HVAC | | | | | | |
| Energy Generation | Heating | 50.00 | Good | 2.00 | 2.22 | 90.00 |
| | Cooling | 50.00 | Good | 2.00 | 2.22 | 90.00 |
| System Total: | | | | 4.00 | 4.44 | 90.00 |
| Distribution | Single Component | 100.00 | Fair | 1.60 | 2.67 | 60.00 |
| Controls | Single Component | 100.00 | Good | 1.60 | 1.78 | 90.00 |
| Lighting | Single Component | 100.00 | Good | 2.36 | 2.62 | 90.00 |
| Connectivity | Single Component | 100.00 | Good | 0.61 | 0.67 | 90.00 |

Safety\Fire Protection

Means of Exit

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|-----------------------------|------------------|-------------|--------|--------------|----------------|---------------|
| Exit Operation | Single Component | 100.00 | Good | 0.42 | 0.47 | 90.00 |
| Exit Safety | Single Component | 100.00 | Good | 0.42 | 0.47 | 90.00 |
| Fire Control Capability | | | | | | |
| Fire Control Operation | Single Component | 100.00 | Good | 1.34 | 1.49 | 90.00 |
| Fire Control Safety | Single Component | 100.00 | Good | 1.34 | 1.49 | 90.00 |
| Fire Alarm System | | | | | | |
| Fire Alarm Operation | Single Component | 100.00 | Good | 0.15 | 0.17 | 90.00 |
| Fire Alarm Connectivity | Single Component | 100.00 | Good | 0.15 | 0.17 | 90.00 |
| Emergency Lighting | Single Component | 100.00 | Good | 0.30 | 0.34 | 90.00 |
| Fire Resistance | Single Component | 100.00 | Good | 0.85 | 0.94 | 90.00 |
| ADA | Single Component | | Good | | | |
| Total For Building : | | | | 72.44 | 100.00 | 72.44 |

Comments**Structural->Exterior Walls**

The exterior walls need cleaning and tuck pointing.

Structural->Roof

The roof is at the end of useful life.

Structural->Exterior Windows

The windows are not air tight.

Structural->Exterior Doors

The exterior doors show some wear.

Structural->Interior Floors (Kitchen hall, dining room)

The VCT is worn and stained.

Structural->Interior Floors (Exercise room)

The wood floor is worn.

Structural->Interior Walls

The interior walls show some wear.

Structural->Interior Doors

Some interior doors need paint.

Structural->Fixed Equipment

The fixed equipment shows some wear.

Mechanical->Electrical-->Main Service

The main service equipment is old and has no excess capacity.

Mechanical->Electrical-->Distribution

The electrical service lacks sufficient outlets.

Mechanical->Plumbing-->Supply

The water lines are old and require maintenance.

Mechanical->Plumbing-->Fixtures

There are insufficient fixtures.

Project #: 7698

Project: Assessments 2016

APPENDIX C BASYS Reports

County: Essex

Region: 9

Site #: T-2

Building #: 13

Site: Center at Punchard

Building: Main Bldg

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|---------|--------------|-------------|--------|-------|----------------|---------------|
|---------|--------------|-------------|--------|-------|----------------|---------------|

Mechanical->HVAC-->Distribution

It is difficult to balance the heat due to the location of the boilers and the long distribution runs.

Building Condition Assessment Full Report

| | | | |
|------------------------------------|----------------------------------|----------------------------|-----------------------|
| Project #: 7698 | Project: Assessments 2016 | Site #: T-3 | Building #: 14 |
| County: Essex | Region: 9 | Building: Main Bldg | |
| Site: Memorial Hall Library | | | |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|---------------------------|------------------|-------------|--------|-------------|----------------|---------------|
| Structural | | | | | | |
| Foundation\Structure | Single Component | 100.00 | Good | 19.76 | 21.96 | 90.00 |
| Exterior Walls | Single component | 100.00 | Good | 12.22 | 13.58 | 90.00 |
| Roof | Slate roof | 40.00 | New | 0.89 | 0.89 | 100.00 |
| | PVC roof | 60.00 | Fair | 0.80 | 1.33 | 60.00 |
| System Total: | | | | 1.69 | 2.22 | 76.00 |
| Exterior Windows | Single Component | 100.00 | Fair | 1.40 | 2.33 | 60.00 |
| Exterior Doors | Single Component | 100.00 | Good | 0.38 | 0.42 | 90.00 |
| Interior Floors | Single Component | 100.00 | Good | 3.63 | 4.04 | 90.00 |
| Interior Walls | Single Component | 100.00 | Good | 3.79 | 4.21 | 90.00 |
| Interior Doors | Single Component | 100.00 | Good | 1.51 | 1.67 | 90.00 |
| Ceiling | Single Component | 100.00 | Good | 5.11 | 5.68 | 90.00 |
| Fixed Equipment | Single Component | 100.00 | Good | 4.75 | 5.27 | 90.00 |
| Mechanical | | | | | | |
| Electrical | | | | | | |
| Main Service | Single Component | 100.00 | Good | 2.60 | 2.88 | 90.00 |
| Distribution | Single Component | 100.00 | Good | 2.60 | 2.88 | 90.00 |
| Plumbing | | | | | | |
| Supply | Single Component | 100.00 | Good | 0.77 | 0.85 | 90.00 |
| Fixtures | Single Component | 100.00 | Poor | 0.26 | 0.85 | 30.00 |
| Waste | Single Component | 100.00 | Good | 0.77 | 0.85 | 90.00 |
| HVAC | | | | | | |
| Energy Generation | Heating | 50.00 | New | 4.24 | 4.24 | 100.00 |
| | Cooling | 50.00 | Fair | 2.54 | 4.24 | 60.00 |
| System Total: | | | | 6.78 | 8.48 | 80.00 |
| Distribution | Single Component | 100.00 | Good | 4.58 | 5.09 | 90.00 |
| Controls | New building | 70.00 | Good | 2.14 | 2.37 | 90.00 |
| | Older building | 30.00 | Poor | 0.31 | 1.02 | 30.00 |
| System Total: | | | | 2.44 | 3.39 | 72.00 |
| Lighting | Single Component | 100.00 | Good | 4.17 | 4.63 | 90.00 |
| Elevators and Conveyances | Single Component | 100.00 | Good | 2.93 | 3.26 | 90.00 |
| Connectivity | Single Component | 100.00 | Good | 0.55 | 0.61 | 90.00 |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|-------------------------------|-------------------------|------------------|--------|-------|----------------|----------------------------|
| Safety\Fire Protection | | | | | | |
| Means of Exit | | | | | | |
| | Exit Operation | Single Component | 100.00 | Good | 0.39 | 0.44 90.00 |
| | Exit Safety | Single Component | 100.00 | Good | 0.39 | 0.44 90.00 |
| Fire Control Capability | | | | | | |
| | Fire Control Operation | Single Component | 100.00 | Good | 1.12 | 1.25 90.00 |
| | Fire Control Safety | Single Component | 100.00 | Good | 1.12 | 1.25 90.00 |
| Fire Alarm System | | | | | | |
| | Fire Alarm Operation | Single Component | 100.00 | Good | 0.14 | 0.15 90.00 |
| | Fire Alarm Connectivity | Single Component | 100.00 | Good | 0.14 | 0.15 90.00 |
| | Emergency Lighting | Single Component | 100.00 | Good | 0.27 | 0.30 90.00 |
| | Fire Resistance | Single Component | 100.00 | Good | 0.78 | 0.87 90.00 |
| ADA | Single Component | | | Poor | | |
| Total For Building : | | | | | 87.02 | 100.00 87.02 |

Comments

Structural->Roof (PVC roof)

The PVC roof is at the end of useful life.

Structural->Exterior Windows

The windows on the top floor of the older part of the building are old, wood and single pane.

Mechanical->Plumbing-->Fixtures

The plumbing fixtures require frequent maintenance and are at the end of useful life.

Mechanical->HVAC-->Energy Generation (Cooling)

The cooling is inconsistent in some rooms.

Mechanical->HVAC-->Distribution

One restroom has very poor exhaust air.

Mechanical->HVAC-->Controls (Older building)

The controls are old, pneumatic type.

ADA

The building is not accessible at the front door and not all restrooms are accessible.

Building Condition Assessment Full Report

| | | | | | | |
|----------------------------|----------------------------------|--------------------|-----------------------|--|--|--|
| Project #: 7698 | Project: Assessments 2016 | | | | | |
| County: Essex | Region: 9 | Site #: T-4 | Building #: 15 | | | |
| Site: Old Town Hall | Building: Main Bldg | | | | | |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|--------------------------------|------------------|-------------|--------|-------------|----------------|---------------|
| Structural | | | | | | |
| Foundation\Structure | Single Component | 100.00 | Good | 11.12 | 12.36 | 90.00 |
| Exterior Walls | Single Component | 100.00 | Good | 10.99 | 12.21 | 90.00 |
| Roof | Single Component | 100.00 | New | 1.73 | 1.73 | 100.00 |
| Exterior Windows | Single Component | 100.00 | Poor | 0.93 | 3.09 | 30.00 |
| Exterior Doors | Single Component | 100.00 | Good | 0.67 | 0.75 | 90.00 |
| Interior Floors | Single Component | 100.00 | Good | 8.43 | 9.36 | 90.00 |
| Interior Walls | Single Component | 100.00 | Fair | 2.25 | 3.75 | 60.00 |
| Interior Doors | Single Component | 100.00 | Good | 3.50 | 3.89 | 90.00 |
| Ceiling | Single Component | 100.00 | Good | 4.55 | 5.06 | 90.00 |
| Fixed Equipment | Single Component | 100.00 | Good | 0.73 | 0.82 | 90.00 |
| Mechanical | | | | | | |
| Electrical | | | | | | |
| Main Service | Single Component | 100.00 | Good | 3.66 | 4.06 | 90.00 |
| Distribution | Single Component | 100.00 | Good | 3.66 | 4.06 | 90.00 |
| Plumbing | | | | | | |
| Supply | Single Component | 100.00 | Good | 0.96 | 1.07 | 90.00 |
| Fixtures | Single Component | 100.00 | Good | 0.96 | 1.07 | 90.00 |
| Waste | Single Component | 100.00 | Good | 0.96 | 1.07 | 90.00 |
| HVAC | | | | | | |
| Energy Generation | Heating | 50.00 | Poor | 0.92 | 3.05 | 30.00 |
| | Cooling | 50.00 | Poor | 0.92 | 3.05 | 30.00 |
| System Total: | | | | 1.83 | 6.10 | 30.00 |
| Distribution | Single Component | 100.00 | Good | 3.29 | 3.66 | 90.00 |
| Controls | Single Component | 100.00 | Good | 2.20 | 2.44 | 90.00 |
| Lighting | Single Component | 100.00 | Fair | 2.68 | 4.46 | 60.00 |
| Elevators and Conveyances | Single Component | 100.00 | Good | 8.14 | 9.05 | 90.00 |
| Connectivity | Single Component | 100.00 | Good | 2.33 | 2.59 | 90.00 |
| Safety\Fire Protection | | | | | | |
| Means of Exit | | | | | | |
| Exit Operation | Single Component | 100.00 | Good | 0.35 | 0.39 | 90.00 |
| Exit Safety | Single Component | 100.00 | Good | 0.35 | 0.39 | 90.00 |
| Fire Control Capability | | | | | | |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|-----------------------------|------------------|-------------|--------|--------------|----------------|---------------|
| Fire Control Operation | Single Component | 100.00 | Good | 1.45 | 1.61 | 90.00 |
| Fire Control Safety | Single Component | 100.00 | Good | 1.45 | 1.61 | 90.00 |
| Fire Alarm System | | | | | | |
| Fire Alarm Operation | Single Component | 100.00 | Good | 0.58 | 0.65 | 90.00 |
| Fire Alarm Connectivity | Single Component | 100.00 | Good | 0.58 | 0.65 | 90.00 |
| Emergency Lighting | Single Component | 100.00 | Good | 1.17 | 1.30 | 90.00 |
| Fire Resistance | Single Component | 100.00 | Good | 0.70 | 0.78 | 90.00 |
| ADA | Single Component | | Poor | | | |
| Total For Building : | | | | 82.20 | 100.00 | 82.20 |

Comments**Structural->Roof**

The roof is scheduled to be replaced.

Structural->Exterior Windows

The windows are old, wood, and single pane.

Structural->Interior Walls

The interior walls have some cracks and soiled areas. The wood wainscot is worn.

Mechanical->HVAC-->Energy Generation (Heating)

The boiler is at the end of useful life.

Mechanical->HVAC-->Energy Generation (Cooling)

The condenser is at the end of useful life.

Mechanical->Lighting

Some lighting is energy inefficient.

ADA

The main entrance is not accessible, neither is the stage.

Building Condition Assessment Full Report

| | | | | | | |
|------------------------------------|----------------------------------|----------------------------|-----------------------|--|--|--|
| Project #: 7698 | Project: Assessments 2016 | | | | | |
| County: Essex | Region: 9 | Site #: T-7 | Building #: 11 | | | |
| Site: School Administration | | Building: Main Bldg | | | | |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|--------------------------------|------------------|----------------------|--------|-------------|----------------|---------------|
| Structural | | | | | | |
| Foundation\Structure | Single Component | 100.00 | Good | 11.12 | 12.36 | 90.00 |
| Exterior Walls | Single Component | 100.00 | Fair | 7.33 | 12.21 | 60.00 |
| Roof | Single Component | 100.00 | Fair | 1.04 | 1.73 | 60.00 |
| Exterior Windows | Single Component | 100.00 | Poor | 0.93 | 3.09 | 30.00 |
| Exterior Doors | Single Component | 100.00 | Fair | 0.45 | 0.75 | 60.00 |
| Interior Floors | single component | 100.00 | Fair | 5.62 | 9.36 | 60.00 |
| Interior Walls | Single Component | 100.00 | Good | 3.37 | 3.75 | 90.00 |
| Interior Doors | Single Component | 100.00 | Good | 3.50 | 3.89 | 90.00 |
| Ceiling | single component | 100.00 | Good | 4.55 | 5.06 | 90.00 |
| Fixed Equipment | Single Component | 100.00 | Fair | 0.49 | 0.82 | 60.00 |
| Mechanical | | | | | | |
| Electrical | | | | | | |
| Main Service | Single Component | 100.00 | Fair | 2.44 | 4.06 | 60.00 |
| Distribution | Single Component | 100.00 | Fair | 2.44 | 4.06 | 60.00 |
| Plumbing | | | | | | |
| Supply | Single Component | 100.00 | Fair | 0.64 | 1.07 | 60.00 |
| Fixtures | Single Component | 100.00 | Good | 0.96 | 1.07 | 90.00 |
| Waste | Single Component | 100.00 | Good | 0.96 | 1.07 | 90.00 |
| HVAC | | | | | | |
| Energy Generation | Heating | 50.00 | Good | 2.75 | 3.05 | 90.00 |
| | Cooling | 50.00 | Good | 2.75 | 3.05 | 90.00 |
| | | System Total: | | 5.49 | 6.10 | 90.00 |
| Distribution | Single Component | 100.00 | Fair | 2.20 | 3.66 | 60.00 |
| Controls | Single Component | 100.00 | Good | 2.20 | 2.44 | 90.00 |
| Lighting | Single Component | 100.00 | Good | 4.01 | 4.46 | 90.00 |
| Elevators and Conveyances | Single Component | 100.00 | Good | 8.14 | 9.05 | 90.00 |
| Connectivity | Single Component | 100.00 | Good | 2.33 | 2.59 | 90.00 |
| Safety\Fire Protection | | | | | | |
| Means of Exit | | | | | | |
| Exit Operation | Single Component | 100.00 | Good | 0.35 | 0.39 | 90.00 |
| Exit Safety | Single Component | 100.00 | Fair | 0.23 | 0.39 | 60.00 |
| Fire Control Capability | | | | | | |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|-----------------------------|------------------|-------------|--------|--------------|----------------|---------------|
| Fire Control Operation | Single Component | 100.00 | Good | 1.45 | 1.61 | 90.00 |
| Fire Control Safety | Single Component | 100.00 | Good | 1.45 | 1.61 | 90.00 |
| Fire Alarm System | | | | | | |
| Fire Alarm Operation | Single Component | 100.00 | Good | 0.58 | 0.65 | 90.00 |
| Fire Alarm Connectivity | Single Component | 100.00 | Good | 0.58 | 0.65 | 90.00 |
| Emergency Lighting | Single Component | 100.00 | Good | 1.17 | 1.30 | 90.00 |
| Fire Resistance | Single Component | 100.00 | Good | 0.70 | 0.78 | 90.00 |
| ADA | Single Component | | Poor | | | |
| Total For Building : | | | | 76.72 | 100.00 | 76.72 |

Comments**Structural->Exterior Walls**

The exterior walls need cleaning and tuck pointing.

Structural->Roof

The roof is at the end of useful life.

Structural->Exterior Windows

The windows are not air tight.

Structural->Exterior Doors

The interior doors need paint.

Structural->Interior Floors

Some areas of the carpet and VCT are worn, and chipped.

Structural->Fixed Equipment

Some casework is worn and dated.

Mechanical->Electrical-->Main Service

The main service equipment is old and has no excess capacity.

Mechanical->Electrical-->Distribution

The electrical service lacks sufficient outlets.

Mechanical->Plumbing-->Supply

The water lines are old and require maintenance.

Mechanical->HVAC-->Distribution

It is difficult to balance the heat due to the location of the boilers and the long distribution runs.

Safety\Fire Protection->Means of Exit-->Exit Safety

The third floor lacks a second exit from the corridor.

ADA

The upper floors of the building are accessible but not from the front of the building.

Building Condition Assessment Full Report

| | | | |
|---------------------------|----------------------------------|----------------------------|-----------------------|
| Project #: 7698 | Project: Assessments 2016 | Site #: T-9 | Building #: 19 |
| County: Essex | Region: 9 | Building: Main Bldg | |
| Site: Town Offices | | | |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|---------------------------|--|-------------|--------|-------------|----------------|---------------|
| Structural | | | | | | |
| Foundation\Structure | Single Component | 100.00 | Good | 11.12 | 12.36 | 90.00 |
| Exterior Walls | Single Component | 100.00 | Fair | 7.33 | 12.21 | 60.00 |
| Roof | Single Component | 100.00 | Fair | 1.04 | 1.73 | 60.00 |
| Exterior Windows | Single Component | 100.00 | Poor | 0.93 | 3.09 | 30.00 |
| Exterior Doors | Single Component | 100.00 | Good | 0.67 | 0.75 | 90.00 |
| Interior Floors | Health department | 10.00 | Poor | 0.28 | 0.94 | 30.00 |
| | Remainder of building | 90.00 | Good | 7.59 | 8.43 | 90.00 |
| System Total: | | | | 7.87 | 9.36 | 84.00 |
| Interior Walls | Single Component | 100.00 | Good | 3.37 | 3.75 | 90.00 |
| Interior Doors | Single Component | 100.00 | Good | 3.50 | 3.89 | 90.00 |
| Ceiling | Copy Center, basement storage and hall | 20.00 | Poor | 0.30 | 1.01 | 30.00 |
| | Remainder of building | 80.00 | Good | 3.64 | 4.05 | 90.00 |
| System Total: | | | | 3.95 | 5.06 | 78.00 |
| Fixed Equipment | Single Component | 100.00 | Good | 0.73 | 0.82 | 90.00 |
| Mechanical | | | | | | |
| Electrical | | | | | | |
| Main Service | Single Component | 100.00 | Fair | 2.44 | 4.06 | 60.00 |
| Distribution | Single Component | 100.00 | Fair | 2.44 | 4.06 | 60.00 |
| Plumbing | | | | | | |
| Supply | Single Component | 100.00 | Fair | 0.64 | 1.07 | 60.00 |
| Fixtures | Single Component | 100.00 | Good | 0.96 | 1.07 | 90.00 |
| Waste | Single Component | 100.00 | Good | 0.96 | 1.07 | 90.00 |
| HVAC | | | | | | |
| Energy Generation | Heating | 50.00 | Good | 2.75 | 3.05 | 90.00 |
| | Cooling | 50.00 | Good | 2.75 | 3.05 | 90.00 |
| System Total: | | | | 5.49 | 6.10 | 90.00 |
| Distribution | Single Component | 100.00 | Fair | 2.20 | 3.66 | 60.00 |
| Controls | Single Component | 100.00 | Good | 2.20 | 2.44 | 90.00 |
| Lighting | Single Component | 100.00 | Good | 4.01 | 4.46 | 90.00 |
| Elevators and Conveyances | Single Component | 100.00 | Good | 8.14 | 9.05 | 90.00 |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|-------------------------------|------------------|-------------|--------|--------------|----------------|---------------|
| Connectivity | Single Component | 100.00 | Good | 2.33 | 2.59 | 90.00 |
| Safety\Fire Protection | | | | | | |
| Means of Exit | | | | | | |
| Exit Operation | Single Component | 100.00 | Good | 0.35 | 0.39 | 90.00 |
| Exit Safety | Single Component | 100.00 | Good | 0.35 | 0.39 | 90.00 |
| Fire Control Capability | | | | | | |
| Fire Control Operation | Single Component | 100.00 | Good | 1.45 | 1.61 | 90.00 |
| Fire Control Safety | Single Component | 100.00 | Good | 1.45 | 1.61 | 90.00 |
| Fire Alarm System | | | | | | |
| Fire Alarm Operation | Single Component | 100.00 | Good | 0.58 | 0.65 | 90.00 |
| Fire Alarm Connectivity | Single Component | 100.00 | Good | 0.58 | 0.65 | 90.00 |
| Emergency Lighting | Single Component | 100.00 | Good | 1.17 | 1.30 | 90.00 |
| Fire Resistance | Single Component | 100.00 | Good | 0.70 | 0.78 | 90.00 |
| ADA | Single Component | | Fair | | | |
| Total For Building : | | | | 78.94 | 100.00 | 78.94 |

Comments**Structural->Exterior Walls**

The exterior walls need cleaning and tuck pointing.

Structural->Roof

The roof is at the end of useful life.

Structural->Exterior Windows

The windows are not air tight.

Structural->Interior Floors (Health department)

The carpet is worn.

Structural->Ceiling (Copy Center, basement storage and hall)

The ceiling has missing tiles.

Mechanical->Electrical-->Main Service

The main service equipment is old and has no excess capacity.

Mechanical->Electrical-->Distribution

The electrical service lacks sufficient outlets.

Mechanical->Plumbing-->Supply

The water lines are old and require maintenance.

Mechanical->HVAC-->Distribution

It is difficult to balance the heat due to the location of the boilers and the long distribution runs.

ADA

The upper floors of the building are accessible but not from the front of the building.

Building Condition Assessment Full Report

| | | | |
|------------------------------------|----------------------------------|----------------------------|-----------------------|
| Project #: 7698 | Project: Assessments 2016 | Site #: T-10 | Building #: 20 |
| County: Essex | Region: 9 | Building: Main Bldg | |
| Site: Water Treatment Plant | | | |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|----------------------|------------------------------------|-------------|--------|-------------|----------------|---------------|
| Structural | | | | | | |
| Foundation\Structure | Single Component | 100.00 | Good | 12.84 | 14.26 | 90.00 |
| Exterior Walls | Single Component | 100.00 | Good | 5.92 | 6.57 | 90.00 |
| Roof | Single Component | 100.00 | Good | 6.22 | 6.91 | 90.00 |
| Exterior Windows | Single Component | 100.00 | Fair | 1.81 | 3.02 | 60.00 |
| Exterior Doors | Single Component | 100.00 | Good | 1.97 | 2.19 | 90.00 |
| Interior Floors | Office carpet, bsmt. concrete | 60.00 | Fair | 2.24 | 3.73 | 60.00 |
| | Office terrazzo | 40.00 | Good | 2.24 | 2.49 | 90.00 |
| | System Total: | | | 4.47 | 6.21 | 72.00 |
| Interior Walls | Single Component | 100.00 | Good | 3.90 | 4.34 | 90.00 |
| Interior Doors | Single Component | 100.00 | Fair | 2.41 | 4.02 | 60.00 |
| Ceiling | Single Component | 100.00 | Good | 4.70 | 5.22 | 90.00 |
| Fixed Equipment | Lab casework, lockers | 60.00 | Fair | 0.14 | 0.24 | 60.00 |
| | Lounge casework, toilet partitions | 40.00 | Good | 0.14 | 0.16 | 90.00 |
| | System Total: | | | 0.29 | 0.40 | 72.00 |
| Mechanical | | | | | | |
| Electrical | | | | | | |
| Main Service | Single Component | 100.00 | Poor | 1.45 | 4.82 | 30.00 |
| Distribution | Single Component | 100.00 | Good | 4.34 | 4.82 | 90.00 |
| Plumbing | | | | | | |
| Supply | Single Component | 100.00 | Good | 1.73 | 1.92 | 90.00 |
| Fixtures | Single Component | 100.00 | Good | 1.73 | 1.92 | 90.00 |
| Waste | Single Component | 100.00 | Good | 1.73 | 1.92 | 90.00 |
| HVAC | | | | | | |
| Energy Generation | Heating | 50.00 | Poor | 1.17 | 3.89 | 30.00 |
| | Cooling | 50.00 | Good | 3.50 | 3.89 | 90.00 |
| | System Total: | | | 4.67 | 7.78 | 60.00 |
| Distribution | Single Component | 100.00 | Poor | 1.40 | 4.67 | 30.00 |
| Controls | Single Component | 100.00 | Poor | 0.93 | 3.11 | 30.00 |
| Lighting | Single Component | 100.00 | Good | 4.32 | 4.80 | 90.00 |
| Connectivity | Single Component | 100.00 | Good | 2.81 | 3.13 | 90.00 |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score | |
|-------------------------------|-------------------------|------------------|--------|-------|----------------|---------------|--------------|
| Safety\Fire Protection | | | | | | | |
| Means of Exit | | | | | | | |
| | Exit Operation | Single Component | 100.00 | Good | 0.36 | 0.40 90.00 | |
| | Exit Safety | Single Component | 100.00 | Good | 0.36 | 0.40 90.00 | |
| Fire Control Capability | | | | | | | |
| | Fire Control Operation | Single Component | 100.00 | Good | 1.59 | 1.76 90.00 | |
| | Fire Control Safety | Single Component | 100.00 | Good | 1.59 | 1.76 90.00 | |
| Fire Alarm System | | | | | | | |
| | Fire Alarm Operation | Single Component | 100.00 | Good | 0.64 | 0.71 90.00 | |
| | Fire Alarm Connectivity | Single Component | 100.00 | Good | 0.64 | 0.71 90.00 | |
| | Emergency Lighting | Single Component | 100.00 | Good | 1.28 | 1.42 90.00 | |
| | Fire Resistance | Single Component | 100.00 | Good | 0.72 | 0.80 90.00 | |
| ADA | Single Component | | | Poor | | | |
| Total For Building : | | | | | 76.81 | 100.00 | 76.80 |

Comments

Structural->Exterior Windows

The single pane windows are energy inefficient.

Structural->Interior Floors (Office carpet, bsmt. concrete)

The carpet is worn and stained. The concrete needs paint.

Structural->Interior Doors

Some doors need paint or refinishing. Some doors have old, knob-type hardware.

Structural->Fixed Equipment (Lab casework, lockers)

The lab casework shows some wear, the lockers show wear and some rust.

Mechanical->Electrical-->Main Service

The electrical main service is at end of useful life and not to code.

Mechanical->HVAC-->Energy Generation (Heating)

The boiler is at the end of useful life and is inefficient.

Mechanical->HVAC-->Distribution

The air handler is at the end of useful life.

Mechanical->HVAC-->Controls

The controls are old, pneumatic type.

ADA

No restrooms are accessible.

Building Condition Assessment Full Report

| | | | |
|--|----------------------------------|----------------------------|-----------------------|
| Project #: 7698 | Project: Assessments 2016 | Site #: T-6 | Building #: 17 |
| County: Essex | Region: 9 | Building: Main Bldg | |
| Site: Red Spring Road Maintenance Bldg. | | | |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|----------------------|------------------------|-------------|--------|-------------|----------------|---------------|
| Structural | | | | | | |
| Foundation\Structure | Single Component | 100.00 | Good | 16.29 | 18.10 | 90.00 |
| Exterior Walls | Single Component | 100.00 | Fair | 4.65 | 7.75 | 60.00 |
| Roof | Single Component | 100.00 | Fair | 4.47 | 7.44 | 60.00 |
| Exterior Windows | Single Component | 100.00 | Good | 1.23 | 1.37 | 90.00 |
| Exterior Doors | Overhead doors | 90.00 | Good | 1.90 | 2.11 | 90.00 |
| | Man doors | 10.00 | Fair | 0.14 | 0.23 | 60.00 |
| System Total: | | | | 2.04 | 2.34 | 87.00 |
| Interior Floors | Concrete shop floors | 75.00 | Fair | 0.63 | 1.05 | 60.00 |
| | Office floors | 25.00 | Poor | 0.11 | 0.35 | 30.00 |
| System Total: | | | | 0.74 | 1.40 | 52.50 |
| Interior Walls | Single Component | 100.00 | Fair | 2.96 | 4.93 | 60.00 |
| Interior Doors | Single Component | 100.00 | Fair | 0.24 | 0.40 | 60.00 |
| Ceiling | Shop ceilings | 75.00 | Fair | 0.17 | 0.28 | 60.00 |
| | Office/lounge ceilings | 25.00 | Good | 0.08 | 0.09 | 90.00 |
| System Total: | | | | 0.25 | 0.38 | 67.50 |
| Fixed Equipment | Lockers | 60.00 | Poor | 2.93 | 9.75 | 30.00 |
| | Casework | 40.00 | Good | 5.85 | 6.50 | 90.00 |
| System Total: | | | | 8.78 | 16.25 | 54.00 |
| Mechanical | | | | | | |
| Electrical | | | | | | |
| Main Service | Single Component | 100.00 | Good | 2.38 | 2.65 | 90.00 |
| Distribution | Single Component | 100.00 | Good | 2.38 | 2.65 | 90.00 |
| Plumbing | | | | | | |
| Supply | Single Component | 100.00 | Good | 2.09 | 2.32 | 90.00 |
| Fixtures | Single Component | 100.00 | Fair | 1.39 | 2.32 | 60.00 |
| Waste | Single Component | 100.00 | Good | 2.09 | 2.32 | 90.00 |
| HVAC | | | | | | |
| Energy Generation | Heating | 50.00 | Good | 2.40 | 2.67 | 90.00 |
| | Cooling | 50.00 | Unsat | 0.00 | 2.67 | 0.00 |
| System Total: | | | | 2.40 | 5.33 | 45.00 |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|-------------------------------|------------------|-------------|--------|--------------|----------------|---------------|
| Distribution | Single Component | 100.00 | Good | 2.88 | 3.20 | 90.00 |
| Controls | Single Component | 100.00 | Good | 1.92 | 2.13 | 90.00 |
| Lighting | Single Component | 100.00 | Fair | 2.76 | 4.60 | 60.00 |
| Safety\Fire Protection | | | | | | |
| Means of Exit | | | | | | |
| Exit Operation | Single Component | 100.00 | Good | 0.53 | 0.59 | 90.00 |
| Exit Safety | Single Component | 100.00 | Good | 0.53 | 0.59 | 90.00 |
| Fire Control Capability | | | | | | |
| Fire Control Operation | Single Component | 100.00 | Good | 2.60 | 2.89 | 90.00 |
| Fire Control Safety | Single Component | 100.00 | Good | 2.60 | 2.89 | 90.00 |
| Fire Alarm System | | | | | | |
| Fire Alarm Operation | Single Component | 100.00 | Good | 0.90 | 1.00 | 90.00 |
| Fire Alarm Connectivity | Single Component | 100.00 | Good | 0.90 | 1.00 | 90.00 |
| Emergency Lighting | Single Component | 100.00 | Good | 1.79 | 1.99 | 90.00 |
| Fire Resistance | Single Component | 100.00 | Good | 1.06 | 1.18 | 90.00 |
| ADA | Single Component | | Poor | | | |
| Total For Building : | | | | 72.83 | 100.00 | 72.83 |

Comments

Structural->Exterior Walls

The exterior walls need painting.

Structural->Roof

The roof is nearing the end of its useful life.

Structural->Exterior Doors (Man doors)

The man doors are worn and need paint.

Structural->Interior Floors (Concrete shop floors)

The concrete shop floors are spalled and stained.

Structural->Interior Floors (Office floors)

The carpet and VCT in the offices/lounge are worn and stained.

Structural->Interior Walls

The interior walls need paint and repair in some areas.

Structural->Interior Doors

The interior doors are worn and need paint.

Structural->Ceiling (Shop ceilings)

The shop ceilings are cracked and need paint.

Structural->Fixed Equipment (Lockers)

The lockers are worn and have some rust.

Mechanical->Plumbing-->Fixtures

The fixtures are old and stained.

Mechanical->HVAC-->Energy Generation (Cooling)

The building has no cooling.

Project #: 7698

Project: Assessments 2016

APPENDIX C BASYS Reports

County: Essex

Region: 9

Site #: T-6

Building #: 17

Site: Red Spring Road Maintenance Bldg.

Building: Main Bldg

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|---------|---|-------------|--------|-------|----------------|---------------|
| | Mechanical->Lighting The lighting is energy inefficient. | | | | | |
| | ADA No restrooms are accessible. | | | | | |

Building Condition Assessment Full Report

| | | | |
|------------------------------------|----------------------------------|------------------------------------|------------------------|
| Project #: 7698 | Project: Assessments 2016 | Site #: T-8 | Building #: 18b |
| County: Essex | Region: 9 | Building: New Large Bldg #2 | |
| Site: Spring Grove Cemetery | | | |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|-------------------------------|------------------|-------------|--------|-------------|----------------|---------------|
| Structural | | | | | | |
| Foundation\Structure | Single Component | 100.00 | Good | 16.29 | 18.10 | 90.00 |
| Exterior Walls | Single Component | 100.00 | Good | 6.97 | 7.75 | 90.00 |
| Roof | Single Component | 100.00 | Good | 6.70 | 7.44 | 90.00 |
| Exterior Windows | Single Component | 100.00 | Good | 1.23 | 1.37 | 90.00 |
| Exterior Doors | Overhead doors | 90.00 | Fair | 1.27 | 2.11 | 60.00 |
| | Man doors | 10.00 | Poor | 0.07 | 0.23 | 30.00 |
| System Total: | | | | 1.34 | 2.34 | 57.00 |
| Interior Floors | Concrete shop | 65.00 | Good | 0.82 | 0.91 | 90.00 |
| | VCT office | 35.00 | Poor | 0.15 | 0.49 | 30.00 |
| System Total: | | | | 0.97 | 1.40 | 69.00 |
| Interior Walls | Single Component | 100.00 | Fair | 2.96 | 4.93 | 60.00 |
| Interior Doors | Single Component | 100.00 | Fair | 0.24 | 0.40 | 60.00 |
| Ceiling | Single Component | 100.00 | Fair | 0.23 | 0.38 | 60.00 |
| Fixed Equipment | Single Component | 100.00 | Poor | 4.88 | 16.25 | 30.00 |
| Mechanical | | | | | | |
| Electrical | | | | | | |
| Main Service | Single Component | 100.00 | Good | 2.38 | 2.65 | 90.00 |
| Distribution | Single Component | 100.00 | Good | 2.38 | 2.65 | 90.00 |
| Plumbing | | | | | | |
| Supply | Single Component | 100.00 | Good | 2.09 | 2.32 | 90.00 |
| Fixtures | Single Component | 100.00 | Good | 2.09 | 2.32 | 90.00 |
| Waste | Single Component | 100.00 | Good | 2.09 | 2.32 | 90.00 |
| HVAC | | | | | | |
| Energy Generation | Single Component | 100.00 | Good | 4.80 | 5.33 | 90.00 |
| Distribution | Single Component | 100.00 | Good | 2.88 | 3.20 | 90.00 |
| Controls | Single Component | 100.00 | Good | 1.92 | 2.13 | 90.00 |
| Lighting | Single Component | 100.00 | Fair | 2.76 | 4.60 | 60.00 |
| Safety\Fire Protection | | | | | | |
| Means of Exit | | | | | | |
| Exit Operation | Single Component | 100.00 | Good | 0.53 | 0.59 | 90.00 |
| Exit Safety | Single Component | 100.00 | Good | 0.53 | 0.59 | 90.00 |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|-----------------------------|------------------|-------------|--------|--------------|----------------|---------------|
| Fire Control Capability | | | | | | |
| Fire Control Operation | Single Component | 100.00 | Good | 2.60 | 2.89 | 90.00 |
| Fire Control Safety | Single Component | 100.00 | Good | 2.60 | 2.89 | 90.00 |
| Fire Alarm System | | | | | | |
| Fire Alarm Operation | Single Component | 100.00 | Good | 0.90 | 1.00 | 90.00 |
| Fire Alarm Connectivity | Single Component | 100.00 | Good | 0.90 | 1.00 | 90.00 |
| Emergency Lighting | Single Component | 100.00 | Good | 1.79 | 1.99 | 90.00 |
| Fire Resistance | Single Component | 100.00 | Good | 1.06 | 1.18 | 90.00 |
| ADA | Single Component | | Poor | | | |
| Total For Building : | | | | 76.09 | 100.00 | 76.09 |

Comments

Structural->Exterior Doors (Overhead doors)
The overhead door frames are rusting.

Structural->Exterior Doors (Man doors)
The man doors are worn, weathered and rusting.

Structural->Interior Floors (VCT office)
The VCT flooring is soiled and worn.

Structural->Interior Walls
The interior walls are soiled and need painting.

Structural->Interior Doors
The interior doors need painting.

Structural->Ceiling
The ceiling is soiled and needs painting.

Structural->Fixed Equipment
The casework is worn.

Mechanical->Lighting
The lighting is dim and energy inefficient.

ADA
No restrooms are accessible.

Building Condition Assessment Full Report

| | | | |
|------------------------------------|----------------------------------|------------------------------------|------------------------|
| Project #: 7698 | Project: Assessments 2016 | Site #: T-8 | Building #: 18c |
| County: Essex | Region: 9 | Building: Old Small Bldg #3 | |
| Site: Spring Grove Cemetery | | | |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|----------------------|---------------------------------|-------------|--------|-------------|----------------|---------------|
| Structural | | | | | | |
| Foundation\Structure | Single Component | 100.00 | Fair | 10.86 | 18.10 | 60.00 |
| Exterior Walls | Single Component | 100.00 | Fair | 4.65 | 7.75 | 60.00 |
| Roof | Single Component | 100.00 | Good | 6.70 | 7.44 | 90.00 |
| Exterior Windows | Office windows | 60.00 | Good | 0.74 | 0.82 | 90.00 |
| | Shop windows | 40.00 | Poor | 0.16 | 0.55 | 30.00 |
| System Total: | | | | 0.90 | 1.37 | 66.00 |
| Exterior Doors | Man doors and one overhead door | 40.00 | Poor | 0.28 | 0.94 | 30.00 |
| | Two overhead doors | 60.00 | New | 1.41 | 1.41 | 100.00 |
| System Total: | | | | 1.69 | 2.34 | 72.00 |
| Interior Floors | Carpet | 20.00 | Good | 0.25 | 0.28 | 90.00 |
| | VCT | 80.00 | Poor | 0.34 | 1.12 | 30.00 |
| System Total: | | | | 0.59 | 1.40 | 42.00 |
| Interior Walls | Single Component | 100.00 | Poor | 1.48 | 4.93 | 30.00 |
| Interior Doors | Single Component | 100.00 | Good | 0.36 | 0.40 | 90.00 |
| Ceiling | Office ceiling | 65.00 | Good | 0.22 | 0.24 | 90.00 |
| | Shop ceiling | 35.00 | Poor | 0.04 | 0.13 | 30.00 |
| System Total: | | | | 0.26 | 0.38 | 69.00 |
| Fixed Equipment | Single Component | 100.00 | Fair | 9.75 | 16.25 | 60.00 |
| Mechanical | | | | | | |
| Electrical | | | | | | |
| Main Service | Single Component | 100.00 | Good | 2.38 | 2.65 | 90.00 |
| Distribution | Single Component | 100.00 | Good | 2.38 | 2.65 | 90.00 |
| Plumbing | | | | | | |
| Supply | Single Component | 100.00 | Good | 2.09 | 2.32 | 90.00 |
| Fixtures | Single Component | 100.00 | Poor | 0.70 | 2.32 | 30.00 |
| Waste | Single Component | 100.00 | Good | 2.09 | 2.32 | 90.00 |
| HVAC | | | | | | |
| Energy Generation | Heating | 50.00 | Fair | 1.60 | 2.67 | 60.00 |
| | Cooling | 50.00 | Good | 2.40 | 2.67 | 90.00 |
| System Total: | | | | 4.00 | 5.33 | 75.00 |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|-------------------------------|------------------|-------------|--------|--------------|----------------|---------------|
| Distribution | Single Component | 100.00 | Good | 2.88 | 3.20 | 90.00 |
| Controls | Single Component | 100.00 | Poor | 0.64 | 2.13 | 30.00 |
| Lighting | Single Component | 100.00 | Good | 4.14 | 4.60 | 90.00 |
| Safety\Fire Protection | | | | | | |
| Means of Exit | | | | | | |
| Exit Operation | Single Component | 100.00 | Good | 0.53 | 0.59 | 90.00 |
| Exit Safety | Single Component | 100.00 | Poor | 0.18 | 0.59 | 30.00 |
| Fire Control Capability | | | | | | |
| Fire Control Operation | Single Component | 100.00 | Good | 2.60 | 2.89 | 90.00 |
| Fire Control Safety | Single Component | 100.00 | Good | 2.60 | 2.89 | 90.00 |
| Fire Alarm System | | | | | | |
| Fire Alarm Operation | Single Component | 100.00 | Good | 0.90 | 1.00 | 90.00 |
| Fire Alarm Connectivity | Single Component | 100.00 | Good | 0.90 | 1.00 | 90.00 |
| Emergency Lighting | Single Component | 100.00 | Unsat | 0.00 | 1.99 | 0.00 |
| Fire Resistance | Single Component | 100.00 | Poor | 0.35 | 1.18 | 30.00 |
| ADA | Single Component | | Poor | | | |
| Total For Building : | | | | 66.58 | 100.00 | 66.58 |

Comments

Structural->Foundation\Structure

The building structure has significant settling and cracking.

Structural->Exterior Walls

The exterior walls have significant settling and cracking.

Structural->Exterior Windows (Shop windows)

The shop windows are old, wood, and single pane.

Structural->Exterior Doors (Man doors and one overhead door)

The doors are worn, weathered and need painting.

Structural->Interior Floors (VCT)

The VCT flooring is old, worn and stained.

Structural->Interior Walls

The interior walls are soiled, cracked, water stained and need painting.

Structural->Ceiling (Shop ceiling)

The shop ceiling is stained and warped.

Structural->Fixed Equipment

The casework is worn and stained.

Mechanical->Plumbing-->Fixtures

The fixtures are old and stained.

Mechanical->HVAC-->Energy Generation (Heating)

The furnace works but is nearing the end of its useful life.

Mechanical->HVAC-->Controls

The controls are old and at the end of their useful life.

Project #: 7698

Project: Assessments 2016

APPENDIX C BASYS Reports

County: Essex

Region: 9

Site #: T-8

Building #: 18c

Site: Spring Grove Cemetery

Building: Old Small Bldg #3

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|---|------------------------------------|-------------|--------|-------|----------------|---------------|
| Safety\Fire Protection->Means of Exit-->Exit Safety | There are no exits from the shops. | | | | | |
| Safety\Fire Protection->Emergency Lighting | There is no emergency lighting. | | | | | |
| Safety\Fire Protection->Fire Resistance | The wood stud walls are exposed. | | | | | |
| ADA | There are no accessible restrooms. | | | | | |

Building Condition Assessment Full Report

| | | | |
|------------------------------------|----------------------------------|----------------------------------|------------------------|
| Project #: 7698 | Project: Assessments 2016 | Site #: T-8 | Building #: 18a |
| County: Essex | Region: 9 | Building: Storage Bldg #1 | |
| Site: Spring Grove Cemetery | | | |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|--------------------------------|------------------|-------------|--------|-------------|----------------|---------------|
| Structural | | | | | | |
| Foundation\Structure | Single Component | 100.00 | Good | 16.29 | 18.10 | 90.00 |
| Exterior Walls | Single Component | 100.00 | Fair | 4.65 | 7.75 | 60.00 |
| Roof | Single Component | 100.00 | Poor | 2.23 | 7.44 | 30.00 |
| Exterior Windows | Single Component | 100.00 | Good | 1.23 | 1.37 | 90.00 |
| Exterior Doors | Overhead | 90.00 | Good | 1.90 | 2.11 | 90.00 |
| | Man door | 10.00 | Poor | 0.07 | 0.23 | 30.00 |
| System Total: | | | | 1.97 | 2.34 | 84.00 |
| Interior Floors | Single Component | 100.00 | Good | 1.26 | 1.40 | 90.00 |
| Interior Walls | Single Component | | (N/A) | 0.00 | 0.00 | 0.00 |
| Interior Doors | Single Component | | (N/A) | 0.00 | 0.00 | 0.00 |
| Ceiling | Single Component | | (N/A) | 0.00 | 0.00 | 0.00 |
| Fixed Equipment | Single Component | | (N/A) | 0.00 | 0.00 | 0.00 |
| Mechanical | | | | | | |
| Electrical | | | | | | |
| Main Service | Single Component | 100.00 | Good | 2.38 | 2.65 | 90.00 |
| Distribution | Single Component | 100.00 | Good | 2.38 | 2.65 | 90.00 |
| Plumbing | | | | | | |
| Supply | Single Component | | (N/A) | 0.00 | 0.00 | 0.00 |
| Fixtures | Single Component | | (N/A) | 0.00 | 0.00 | 0.00 |
| Waste | Single Component | | (N/A) | 0.00 | 0.00 | 0.00 |
| HVAC | | | | | | |
| Energy Generation | Single Component | | (N/A) | 0.00 | 0.00 | 0.00 |
| Distribution | Single Component | | (N/A) | 0.00 | 0.00 | 0.00 |
| Controls | Single Component | | (N/A) | 0.00 | 0.00 | 0.00 |
| Lighting | Single Component | 100.00 | Fair | 2.76 | 4.60 | 60.00 |
| Safety\Fire Protection | | | | | | |
| Means of Exit | | | | | | |
| Exit Operation | Single Component | 100.00 | Good | 0.53 | 0.59 | 90.00 |
| Exit Safety | Single Component | 100.00 | Good | 0.53 | 0.59 | 90.00 |
| Fire Control Capability | | | | | | |
| Fire Control Operation | Single Component | 100.00 | Good | 2.60 | 2.89 | 90.00 |
| Fire Control Safety | Single Component | 100.00 | Good | 2.60 | 2.89 | 90.00 |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|-----------------------------|------------------|-------------|--------|--------------|----------------|---------------|
| Fire Alarm System | | | | | | |
| Fire Alarm Operation | Single Component | 100.00 | Unsat | 0.00 | 1.00 | 0.00 |
| Fire Alarm Connectivity | Single Component | 100.00 | Unsat | 0.00 | 1.00 | 0.00 |
| Emergency Lighting | Single Component | | (N/A) | 0.00 | 0.00 | 0.00 |
| Fire Resistance | Single Component | 100.00 | Good | 1.06 | 1.18 | 90.00 |
| ADA | Single Component | | Good | | | |
| Total For Building : | | | | 42.47 | 58.41 | 72.71 |

Comments

Structural->Exterior Walls

The exterior wall needs painting.

Structural->Roof

The roof has moss and is at the end of its useful life.

Structural->Exterior Doors (Man door)

The man door is rusting and needs painting.

Mechanical->Lighting

The lighting is energy inefficient.

Safety\Fire Protection->Fire Alarm System-->Fire Alarm Operation

There is no fire alarm.

Safety\Fire Protection->Fire Alarm System-->Fire Alarm Connectivity

There is no fire alarm.

Building Condition Assessment Full Report

| | | | |
|------------------------|----------------------------------|--------------------------------|------------------------|
| Project #: 7698 | Project: Assessments 2016 | Site #: T-12 | Building #: 22c |
| County: Essex | Region: 9 | Building: Forestry Dept | |
| Site: Town Yard | | | |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|-------------------------------|------------------|-------------|--------|-------------|----------------|---------------|
| Structural | | | | | | |
| Foundation\Structure | Single Component | 100.00 | Poor | 5.43 | 18.10 | 30.00 |
| Exterior Walls | Single Component | 100.00 | Poor | 2.32 | 7.75 | 30.00 |
| Roof | Single Component | 100.00 | Good | 6.70 | 7.44 | 90.00 |
| Exterior Windows | Single Component | 100.00 | Fair | 0.82 | 1.37 | 60.00 |
| Exterior Doors | Single Component | 100.00 | Poor | 0.70 | 2.34 | 30.00 |
| Interior Floors | Concrete | 80.00 | Poor | 0.34 | 1.12 | 30.00 |
| | Wood | 20.00 | Unsat | 0.00 | 0.28 | 0.00 |
| System Total: | | | | 0.34 | 1.40 | 24.00 |
| Interior Walls | Single Component | 100.00 | Poor | 1.48 | 4.93 | 30.00 |
| Interior Doors | Single Component | 100.00 | Unsat | 0.00 | 0.40 | 0.00 |
| Ceiling | Single Component | | (N/A) | 0.00 | 0.00 | 0.00 |
| Fixed Equipment | Single Component | | (N/A) | 0.00 | 0.00 | 0.00 |
| Mechanical | | | | | | |
| Electrical | | | | | | |
| Main Service | Single Component | 100.00 | Poor | 0.79 | 2.65 | 30.00 |
| Distribution | Single Component | 100.00 | Poor | 0.79 | 2.65 | 30.00 |
| Plumbing | | | | | | |
| Supply | Single Component | 100.00 | Fair | 1.39 | 2.32 | 60.00 |
| Fixtures | Single Component | 100.00 | Unsat | 0.00 | 2.32 | 0.00 |
| Waste | Single Component | 100.00 | Good | 2.09 | 2.32 | 90.00 |
| HVAC | | | | | | |
| Energy Generation | Heating | 50.00 | Fair | 1.60 | 2.67 | 60.00 |
| | Cooling | 50.00 | Fair | 1.60 | 2.67 | 60.00 |
| System Total: | | | | 3.20 | 5.33 | 60.00 |
| Distribution | Single Component | 100.00 | Poor | 0.96 | 3.20 | 30.00 |
| Controls | Single Component | 100.00 | Good | 1.92 | 2.13 | 90.00 |
| Lighting | Single Component | 100.00 | Poor | 1.38 | 4.60 | 30.00 |
| Safety\Fire Protection | | | | | | |
| Means of Exit | | | | | | |
| Exit Operation | Single Component | 100.00 | Unsat | 0.00 | 0.59 | 0.00 |
| Exit Safety | Single Component | 100.00 | Unsat | 0.00 | 0.59 | 0.00 |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|-----------------------------|------------------|-------------|--------|--------------|----------------|---------------|
| Fire Control Capability | | | | | | |
| Fire Control Operation | Single Component | 100.00 | Good | 2.60 | 2.89 | 90.00 |
| Fire Control Safety | Single Component | 100.00 | Good | 2.60 | 2.89 | 90.00 |
| Fire Alarm System | | | | | | |
| Fire Alarm Operation | Single Component | 100.00 | Unsat | 0.00 | 1.00 | 0.00 |
| Fire Alarm Connectivity | Single Component | 100.00 | Unsat | 0.00 | 1.00 | 0.00 |
| Emergency Lighting | Single Component | 100.00 | Unsat | 0.00 | 1.99 | 0.00 |
| Fire Resistance | Single Component | 100.00 | Fair | 0.71 | 1.18 | 60.00 |
| ADA | Single Component | | Poor | | | |
| Total For Building : | | | | 36.23 | 83.37 | 43.45 |

Comments

Structural->Foundation\Structure

The building has significant settling and cracking.

Structural->Exterior Walls

The walls have significant cracking and are weathered and need paint.

Structural->Exterior Windows

The windows show wear.

Structural->Exterior Doors

The doors are worn and rusting.

Structural->Interior Floors (Concrete)

The concrete floor is stained and soiled.

Structural->Interior Floors (Wood)

The wood floor is worn and a fire hazard.

Structural->Interior Walls

The interior walls are soiled, cracked and need painting. The finish has failed on some higher portions of the shop walls.

Structural->Interior Doors

The interior doors are old, worn, and have old hardware.

Mechanical->Electrical-->Main Service

The main service lacks sufficient capacity.

Mechanical->Electrical-->Distribution

The electrical service lacks sufficient outlets.

Mechanical->Plumbing-->Supply

The service lines are corroded.

Mechanical->Plumbing-->Fixtures

The fixtures are old and past their useful life.

Mechanical->HVAC-->Energy Generation (Heating)

The heating lacks sufficient capacity.

Mechanical->HVAC-->Energy Generation (Cooling)

The cooling lacks sufficient capacity.

Project #: 7698

Project: Assessments 2016

APPENDIX C BASYS Reports

County: Essex

Region: 9

Site #: T-12

Building #: 22c

Site: Town Yard

Building: Forestry Dept

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|---|--|-------------|--------|-------|----------------|---------------|
| Mechanical->HVAC-->Distribution | The distribution is from a single source. | | | | | |
| Mechanical->Lighting | The lighting is dim. | | | | | |
| Safety\Fire Protection->Means of Exit-->Exit Operation | There is no exit out of the second bay. | | | | | |
| Safety\Fire Protection->Means of Exit-->Exit Safety | There is no exit out of the second bay. | | | | | |
| Safety\Fire Protection->Fire Alarm System-->Fire Alarm Operation | There is no fire alarm. | | | | | |
| Safety\Fire Protection->Fire Alarm System-->Fire Alarm Connectivity | There is no fire alarm. | | | | | |
| Safety\Fire Protection->Emergency Lighting | There is no emergency lighting. | | | | | |
| Safety\Fire Protection->Fire Resistance | The wood flooring is not fire resistant. | | | | | |
| ADA | No restrooms are accessible, the loft is not accessible. | | | | | |

Building Condition Assessment Full Report

| | | | |
|------------------------|----------------------------------|-------------------------------|------------------------|
| Project #: 7698 | Project: Assessments 2016 | Site #: T-12 | Building #: 22b |
| County: Essex | Region: 9 | Building: Highway Dept | |
| Site: Town Yard | | | |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|----------------------|----------------------------|-------------|--------|--------------|----------------|---------------|
| Structural | | | | | | |
| Foundation\Structure | Single Component | 100.00 | Poor | 5.43 | 18.10 | 30.00 |
| Exterior Walls | Single Component | 100.00 | Poor | 2.32 | 7.75 | 30.00 |
| Roof | Single Component | 100.00 | Good | 6.70 | 7.44 | 90.00 |
| Exterior Windows | Single Component | 100.00 | Fair | 0.82 | 1.37 | 60.00 |
| Exterior Doors | Overhead doors | 90.00 | Poor | 0.63 | 2.11 | 30.00 |
| | Man doors | 10.00 | Fair | 0.14 | 0.23 | 60.00 |
| System Total: | | | | 0.77 | 2.34 | 33.00 |
| Interior Floors | Single Component | 100.00 | Poor | 0.42 | 1.40 | 30.00 |
| Interior Walls | Single Component | 100.00 | Poor | 1.48 | 4.93 | 30.00 |
| Interior Doors | Single Component | 100.00 | Poor | 0.12 | 0.40 | 30.00 |
| Ceiling | Single Component | 100.00 | Good | 0.34 | 0.38 | 90.00 |
| Fixed Equipment | Lockers, toilet partitions | 25.00 | Fair | 2.44 | 4.06 | 60.00 |
| | Casework | 25.00 | Poor | 1.22 | 4.06 | 30.00 |
| | Lifts | 50.00 | Good | 7.31 | 8.13 | 90.00 |
| System Total: | | | | 10.97 | 16.25 | 67.50 |
| Mechanical | | | | | | |
| Electrical | | | | | | |
| Main Service | Single Component | 100.00 | Poor | 0.79 | 2.65 | 30.00 |
| Distribution | Single Component | 100.00 | Poor | 0.79 | 2.65 | 30.00 |
| Plumbing | | | | | | |
| Supply | Single Component | 100.00 | Fair | 1.39 | 2.32 | 60.00 |
| Fixtures | Single Component | 100.00 | Unsat | 0.00 | 2.32 | 0.00 |
| Waste | Single Component | 100.00 | Good | 2.09 | 2.32 | 90.00 |
| HVAC | | | | | | |
| Energy Generation | Heating | 50.00 | Poor | 0.80 | 2.67 | 30.00 |
| | Cooling | 50.00 | Poor | 0.80 | 2.67 | 30.00 |
| System Total: | | | | 1.60 | 5.33 | 30.00 |
| Distribution | Single Component | 100.00 | Poor | 0.96 | 3.20 | 30.00 |
| Controls | Single Component | 100.00 | Poor | 0.64 | 2.13 | 30.00 |
| Lighting | Office | 20.00 | Good | 0.83 | 0.92 | 90.00 |
| | Shop | 80.00 | Poor | 1.10 | 3.68 | 30.00 |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|-------------------------------|------------------|-------------|--------|--------------|----------------|---------------|
| System Total: | | | | 1.93 | 4.60 | 42.00 |
| Safety\Fire Protection | | | | | | |
| Means of Exit | | | | | | |
| Exit Operation | Single Component | 100.00 | Good | 0.53 | 0.59 | 90.00 |
| Exit Safety | Single Component | 100.00 | Poor | 0.18 | 0.59 | 30.00 |
| Fire Control Capability | | | | | | |
| Fire Control Operation | Single Component | 100.00 | Good | 2.60 | 2.89 | 90.00 |
| Fire Control Safety | Single Component | 100.00 | Good | 2.60 | 2.89 | 90.00 |
| Fire Alarm System | | | | | | |
| Fire Alarm Operation | Single Component | 100.00 | Unsat | 0.00 | 1.00 | 0.00 |
| Fire Alarm Connectivity | Single Component | 100.00 | Unsat | 0.00 | 1.00 | 0.00 |
| Emergency Lighting | Single Component | 100.00 | Good | 1.79 | 1.99 | 90.00 |
| Fire Resistance | Single Component | 100.00 | Good | 1.06 | 1.18 | 90.00 |
| ADA | Single Component | | Poor | | | |
| Total For Building : | | | | 48.33 | 100.00 | 48.33 |

Comments

Structural->Foundation\Structure

The building is lacking lateral strength.

Structural->Exterior Walls

The exterior walls are weathered and need painting.

Structural->Exterior Windows

The windows show wear.

Structural->Exterior Doors (Overhead doors)

The overhead doors require frequent maintenance.

Structural->Exterior Doors (Man doors)

The man doors need painting.

Structural->Interior Floors

The VCT is worn and stained. The concrete is cracked and spalled.

Structural->Interior Walls

The interior walls are soiled, cracked and need painting. The finish on some higher portions of the shop walls is failed.

Structural->Interior Doors

The interior doors are worn and need painting.

Structural->Fixed Equipment (Lockers, toilet partitions)

The lockers are worn.

Structural->Fixed Equipment (Casework)

The casework is well worn.

Mechanical->Electrical-->Main Service

The main service lacks sufficient capacity.

Mechanical->Electrical-->Distribution

The electrical system lacks sufficient outlets.

Project #: 7698

Project: Assessments 2016

APPENDIX C BASYS Reports

County: Essex

Region: 9

Site #: T-12

Building #: 22b

Site: Town Yard

Building: Highway Dept

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|---|--|-------------|--------|-------|----------------|---------------|
| Mechanical->Plumbing-->Supply | The service lines are corroded. | | | | | |
| Mechanical->Plumbing-->Fixtures | Some fixtures are old, worn and at the end of useful life. | | | | | |
| Mechanical->HVAC-->Energy Generation (Heating) | The heating system lacks sufficient capacity. | | | | | |
| Mechanical->HVAC-->Energy Generation (Cooling) | The AC unit freezes up. | | | | | |
| Mechanical->HVAC-->Distribution | The distribution system is single source. | | | | | |
| Mechanical->HVAC-->Controls | There are no thermostatic controls. | | | | | |
| Mechanical->Lighting (Shop) | The shop lighting is dim. | | | | | |
| Safety\Fire Protection->Means of Exit-->Exit Safety | The rear exit has steps both inside and outside. | | | | | |
| Safety\Fire Protection->Fire Alarm System-->Fire Alarm Operation | There is no fire alarm. | | | | | |
| Safety\Fire Protection->Fire Alarm System-->Fire Alarm Connectivity | There is no fire alarm. | | | | | |
| ADA | No restrooms are accessible. There is insufficient clearance around the lifts. | | | | | |

Building Condition Assessment Full Report

| | | | |
|------------------------|----------------------------------|----------------------------|------------------------|
| Project #: 7698 | Project: Assessments 2016 | Site #: T-12 | Building #: 22a |
| County: Essex | Region: 9 | Building: Mechanics | |
| Site: Town Yard | | | |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|----------------------|----------------------------|-------------|--------|--------------|----------------|---------------|
| Structural | | | | | | |
| Foundation\Structure | Single Component | 100.00 | Poor | 5.43 | 18.10 | 30.00 |
| Exterior Walls | Single Component | 100.00 | Poor | 2.32 | 7.75 | 30.00 |
| Roof | Single Component | 100.00 | Good | 6.70 | 7.44 | 90.00 |
| Exterior Windows | Single Component | 100.00 | Fair | 0.82 | 1.37 | 60.00 |
| Exterior Doors | Overhead doors | 90.00 | Poor | 0.63 | 2.11 | 30.00 |
| | Man doors | 10.00 | Fair | 0.14 | 0.23 | 60.00 |
| System Total: | | | | 0.77 | 2.34 | 33.00 |
| Interior Floors | Single Component | 100.00 | Poor | 0.42 | 1.40 | 30.00 |
| Interior Walls | Single Component | 100.00 | Poor | 1.48 | 4.93 | 30.00 |
| Interior Doors | Single Component | 100.00 | Poor | 0.12 | 0.40 | 30.00 |
| Ceiling | Single Component | 100.00 | Good | 0.34 | 0.38 | 90.00 |
| Fixed Equipment | Lockers, toilet partitions | 25.00 | Fair | 2.44 | 4.06 | 60.00 |
| | Casework | 25.00 | Poor | 1.22 | 4.06 | 30.00 |
| | Lifts | 50.00 | Good | 7.31 | 8.13 | 90.00 |
| System Total: | | | | 10.97 | 16.25 | 67.50 |
| Mechanical | | | | | | |
| Electrical | | | | | | |
| Main Service | Single Component | 100.00 | Poor | 0.79 | 2.65 | 30.00 |
| Distribution | Single Component | 100.00 | Poor | 0.79 | 2.65 | 30.00 |
| Plumbing | | | | | | |
| Supply | Single Component | 100.00 | Fair | 1.39 | 2.32 | 60.00 |
| Fixtures | Single Component | 100.00 | Unsat | 0.00 | 2.32 | 0.00 |
| Waste | Single Component | 100.00 | Good | 2.09 | 2.32 | 90.00 |
| HVAC | | | | | | |
| Energy Generation | Heating | 50.00 | Poor | 0.80 | 2.67 | 30.00 |
| | Cooling | 50.00 | Unsat | 0.00 | 2.67 | 0.00 |
| System Total: | | | | 0.80 | 5.33 | 15.00 |
| Distribution | Single Component | 100.00 | Poor | 0.96 | 3.20 | 30.00 |
| Controls | Single Component | 100.00 | Poor | 0.64 | 2.13 | 30.00 |
| Lighting | Office | 20.00 | Good | 0.83 | 0.92 | 90.00 |
| | Shop | 80.00 | Poor | 1.10 | 3.68 | 30.00 |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|-------------------------------|------------------|-------------|--------|--------------|----------------|---------------|
| System Total: | | | | 1.93 | 4.60 | 42.00 |
| Safety\Fire Protection | | | | | | |
| Means of Exit | | | | | | |
| Exit Operation | Single Component | 100.00 | Good | 0.53 | 0.59 | 90.00 |
| Exit Safety | Single Component | 100.00 | Poor | 0.18 | 0.59 | 30.00 |
| Fire Control Capability | | | | | | |
| Fire Control Operation | Single Component | 100.00 | Good | 2.60 | 2.89 | 90.00 |
| Fire Control Safety | Single Component | 100.00 | Good | 2.60 | 2.89 | 90.00 |
| Fire Alarm System | | | | | | |
| Fire Alarm Operation | Single Component | 100.00 | Unsat | 0.00 | 1.00 | 0.00 |
| Fire Alarm Connectivity | Single Component | 100.00 | Unsat | 0.00 | 1.00 | 0.00 |
| Emergency Lighting | Single Component | 100.00 | Good | 1.79 | 1.99 | 90.00 |
| Fire Resistance | Single Component | 100.00 | Good | 1.06 | 1.18 | 90.00 |
| ADA | Single Component | | Poor | | | |
| Total For Building : | | | | 47.53 | 100.00 | 47.53 |

Comments

Structural->Foundation\Structure

The building is lacking lateral strength.

Structural->Exterior Walls

The exterior walls are weathered and need painting.

Structural->Exterior Windows

The windows show wear.

Structural->Exterior Doors (Overhead doors)

The overhead doors require frequent maintenance.

Structural->Exterior Doors (Man doors)

The man doors need painting.

Structural->Interior Floors

The VCT is worn and stained. The concrete is cracked and spalled.

Structural->Interior Walls

The interior walls are soiled, cracked and need painting. The finish on some higher portions of the shop walls has failed.

Structural->Interior Doors

The interior doors are worn and need painting.

Structural->Fixed Equipment (Lockers, toilet partitions)

The lockers are worn.

Structural->Fixed Equipment (Casework)

The casework is well worn.

Mechanical->Electrical-->Main Service

The main service lacks sufficient capacity.

Mechanical->Electrical-->Distribution

The electrical system lacks sufficient outlets.

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|---|--|-------------|--------|-------|----------------|---------------|
| Mechanical->Plumbing-->Supply | The service lines are corroded. | | | | | |
| Mechanical->Plumbing-->Fixtures | Some fixtures are old, worn and at the end of their useful life. | | | | | |
| Mechanical->HVAC-->Energy Generation (Heating) | The heating system lacks sufficient capacity. | | | | | |
| Mechanical->HVAC-->Energy Generation (Cooling) | The AC unit freezes up. | | | | | |
| Mechanical->HVAC-->Distribution | The distribution system is single source. | | | | | |
| Mechanical->HVAC-->Controls | There are no thermostatic controls. | | | | | |
| Mechanical->Lighting (Shop) | The shop lighting is dim. | | | | | |
| Safety\Fire Protection->Means of Exit-->Exit Safety | The rear exit has steps both inside and outside. | | | | | |
| Safety\Fire Protection->Fire Alarm System-->Fire Alarm Operation | There is no fire alarm. | | | | | |
| Safety\Fire Protection->Fire Alarm System-->Fire Alarm Connectivity | There is no fire alarm. | | | | | |
| ADA | No restrooms are accessible. There is insufficient clearance around the lifts. | | | | | |

Building Condition Assessment Full Report

| | | | |
|------------------------|----------------------------------|-----------------------------------|------------------------|
| Project #: 7698 | Project: Assessments 2016 | Site #: T-12 | Building #: 22d |
| County: Essex | Region: 9 | Building: Water_Sewer Dept | |
| Site: Town Yard | | | |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|-------------------------------|------------------|----------------------|--------|-------------|----------------|---------------|
| Structural | | | | | | |
| Foundation\Structure | Single Component | 100.00 | Poor | 5.43 | 18.10 | 30.00 |
| Exterior Walls | Single Component | 100.00 | Poor | 2.32 | 7.75 | 30.00 |
| Roof | Single Component | 100.00 | Good | 6.70 | 7.44 | 90.00 |
| Exterior Windows | Single Component | 100.00 | Fair | 0.82 | 1.37 | 60.00 |
| Exterior Doors | Single Component | 100.00 | Fair | 1.41 | 2.34 | 60.00 |
| Interior Floors | Single Component | 100.00 | Poor | 0.42 | 1.40 | 30.00 |
| Interior Walls | Single Component | 100.00 | Fair | 2.96 | 4.93 | 60.00 |
| Interior Doors | Single Component | 100.00 | Poor | 0.12 | 0.40 | 30.00 |
| Ceiling | Single Component | | (N/A) | 0.00 | 0.00 | 0.00 |
| Fixed Equipment | Single Component | 100.00 | Fair | 9.75 | 16.25 | 60.00 |
| Mechanical | | | | | | |
| Electrical | | | | | | |
| Main Service | Single Component | 100.00 | Poor | 0.79 | 2.65 | 30.00 |
| Distribution | Single Component | 100.00 | Poor | 0.79 | 2.65 | 30.00 |
| Plumbing | | | | | | |
| Supply | Single Component | 100.00 | Fair | 1.39 | 2.32 | 60.00 |
| Fixtures | Single Component | 100.00 | Unsat | 0.00 | 2.32 | 0.00 |
| Waste | Single Component | 100.00 | Good | 2.09 | 2.32 | 90.00 |
| HVAC | | | | | | |
| Energy Generation | Heating | 50.00 | Poor | 0.80 | 2.67 | 30.00 |
| | Cooling | 50.00 | Poor | 0.80 | 2.67 | 30.00 |
| | | System Total: | | 1.60 | 5.33 | 30.00 |
| Distribution | Single Component | 100.00 | Poor | 0.96 | 3.20 | 30.00 |
| Controls | Single Component | 100.00 | Good | 1.92 | 2.13 | 90.00 |
| Lighting | Single Component | 100.00 | Poor | 1.38 | 4.60 | 30.00 |
| Safety\Fire Protection | | | | | | |
| Means of Exit | | | | | | |
| Exit Operation | Single Component | 100.00 | Good | 0.53 | 0.59 | 90.00 |
| Exit Safety | Single Component | 100.00 | Poor | 0.18 | 0.59 | 30.00 |
| Fire Control Capability | | | | | | |
| Fire Control Operation | Single Component | 100.00 | Good | 2.60 | 2.89 | 90.00 |
| Fire Control Safety | Single Component | 100.00 | Good | 2.60 | 2.89 | 90.00 |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|-----------------------------|------------------|-------------|--------|--------------|----------------|---------------|
| Fire Alarm System | | | | | | |
| Fire Alarm Operation | Single Component | 100.00 | Unsat | 0.00 | 1.00 | 0.00 |
| Fire Alarm Connectivity | Single Component | 100.00 | Unsat | 0.00 | 1.00 | 0.00 |
| Emergency Lighting | Single Component | 100.00 | Unsat | 0.00 | 1.99 | 0.00 |
| Fire Resistance | Single Component | 100.00 | Good | 1.06 | 1.18 | 90.00 |
| ADA | Single Component | | Unsat | | | |
| Total For Building : | | | | 47.82 | 99.62 | 48.00 |

Comments

Structural->Foundation\Structure

The building has significant settling and cracking.

Structural->Exterior Walls

The walls have significant cracking and are weathered and need paint.

Structural->Exterior Windows

The windows show wear.

Structural->Exterior Doors

The doors have some rust.

Structural->Interior Floors

The concrete floor is cracked, spalled, and stained.

Structural->Interior Walls

The interior walls are soiled, cracked and need painting.

Structural->Interior Doors

The interior doors are old and worn.

Structural->Fixed Equipment

The casework shows some wear.

Mechanical->Electrical-->Main Service

The main service lacks sufficient capacity.

Mechanical->Electrical-->Distribution

The electrical service lacks sufficient outlets.

Mechanical->Plumbing-->Supply

The service lines are corroded.

Mechanical->Plumbing-->Fixtures

The fixtures are old and at the end of its useful life.

Mechanical->HVAC-->Energy Generation (Heating)

The heating system lacks sufficient capacity.

Mechanical->HVAC-->Energy Generation (Cooling)

The cooling lacks sufficient capacity.

Mechanical->HVAC-->Distribution

The distribution is from single sources.

Mechanical->Lighting

The lighting is dim.

Project #: 7698

Project: Assessments 2016

APPENDIX C BASYS Reports

County: Essex

Region: 9

Site #: T-12

Building #: 22d

Site: Town Yard

Building: Water_Sewer Dept

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|---|--|-------------|--------|-------|----------------|---------------|
| Safety\Fire Protection->Means of Exit-->Exit Safety | The man doors in the overhead doors have a three inch sill and could be a tripping hazard. | | | | | |
| Safety\Fire Protection->Fire Alarm System-->Fire Alarm Operation | There is no fire alarm. | | | | | |
| Safety\Fire Protection->Fire Alarm System-->Fire Alarm Connectivity | There is no fire alarm. | | | | | |
| Safety\Fire Protection->Emergency Lighting | There is no emergency lighting. | | | | | |
| ADA | The building is not accessible. | | | | | |

Suitability Report - Full

| | | |
|---------------------------|-----------------------|-------------------|
| Project #: 7698 | County: Essex | Site #: 0003 |
| Project: Assessments 2016 | Region: 9 | Site: Bancroft ES |
| Grade Config: K-5 | Site Type: Elementary | Site Size: 20.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|-------------------------------------|--------|-------|----------------|---------------|
| Suitability - ES | | | | |
| Learning Environment | | | | |
| Learning Style Variety | Excel | 5.00 | 5.00 | 100.00 |
| Interior Environment | Excel | 2.00 | 2.00 | 100.00 |
| Exterior Environment | Excel | 1.50 | 1.50 | 100.00 |
| General Classrooms | | | | |
| Environment | Excel | 3.90 | 3.90 | 100.00 |
| Size | Excel | 9.75 | 9.75 | 100.00 |
| Location | Excel | 2.93 | 2.93 | 100.00 |
| Storage/Fixed Equip | Excel | 2.93 | 2.93 | 100.00 |
| Kindergarten | | | | |
| Environment | Excel | 0.42 | 0.42 | 100.00 |
| Size | Excel | 1.04 | 1.04 | 100.00 |
| Location | Excel | 0.31 | 0.31 | 100.00 |
| Storage/Fixed Equip | Excel | 0.31 | 0.31 | 100.00 |
| ECE | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Self-Contained Special Ed | | | | |
| Environment | Excel | 0.48 | 0.48 | 100.00 |
| Size | Excel | 1.20 | 1.20 | 100.00 |
| Location | Excel | 0.36 | 0.36 | 100.00 |
| Storage/Fixed Equip | Excel | 0.36 | 0.36 | 100.00 |
| Instructional Resource Rooms | | | | |
| Environment | Excel | 0.72 | 0.72 | 100.00 |
| Size | Excel | 1.80 | 1.80 | 100.00 |
| Location | Excel | 0.54 | 0.54 | 100.00 |
| Storage/Fixed Equip | Excel | 0.54 | 0.54 | 100.00 |
| Science | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Music | | | | |
| Environment | Excel | 0.74 | 0.74 | 100.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|----------------------------------|--------|-------|----------------|---------------|
| Size | Excel | 1.85 | 1.85 | 100.00 |
| Location | Excel | 0.56 | 0.56 | 100.00 |
| Storage/Fixed Equip | Excel | 0.56 | 0.56 | 100.00 |
| Visual Arts Classroom | | | | |
| Environment | Excel | 0.47 | 0.47 | 100.00 |
| Size | Excel | 1.17 | 1.17 | 100.00 |
| Location | Excel | 0.35 | 0.35 | 100.00 |
| Storage/Fixed Equip | Excel | 0.35 | 0.35 | 100.00 |
| Innovation Lab | | | | |
| Environment | Excel | 1.00 | 1.00 | 100.00 |
| Size | Excel | 2.50 | 2.50 | 100.00 |
| Location | Excel | 0.75 | 0.75 | 100.00 |
| Storage/Fixed Equip | Excel | 0.75 | 0.75 | 100.00 |
| Computer Labs | | | | |
| Environment | Excel | 0.34 | 0.34 | 100.00 |
| Size | Excel | 0.85 | 0.85 | 100.00 |
| Location | Excel | 0.26 | 0.26 | 100.00 |
| Storage/Fixed Equip | Excel | 0.26 | 0.26 | 100.00 |
| P.E. | | | | |
| Environment | Excel | 1.92 | 1.92 | 100.00 |
| Size | Excel | 4.80 | 4.80 | 100.00 |
| Location | Excel | 1.44 | 1.44 | 100.00 |
| Storage/Fixed Equip | Excel | 1.44 | 1.44 | 100.00 |
| Performing Arts | | | | |
| Environment | Excel | 0.60 | 0.60 | 100.00 |
| Size | Excel | 1.51 | 1.51 | 100.00 |
| Location | Excel | 0.45 | 0.45 | 100.00 |
| Storage/Fixed Equip | Excel | 0.45 | 0.45 | 100.00 |
| Media Center | | | | |
| Environment | Excel | 0.97 | 0.97 | 100.00 |
| Size | Excel | 2.44 | 2.44 | 100.00 |
| Location | Excel | 0.73 | 0.73 | 100.00 |
| Storage/Fixed Equip | Excel | 0.73 | 0.73 | 100.00 |
| Student Restrooms | Excel | 0.89 | 0.89 | 100.00 |
| Administration | Excel | 2.06 | 2.06 | 100.00 |
| Counseling | Excel | 0.29 | 0.29 | 100.00 |
| Parent Room | Excel | 0.50 | 0.50 | 100.00 |
| Clinic | Excel | 0.58 | 0.58 | 100.00 |
| Faculty Room | Excel | 1.27 | 1.27 | 100.00 |
| Cafeteria | Excel | 5.00 | 5.00 | 100.00 |
| Food Service and Prep | Excel | 6.20 | 6.20 | 100.00 |
| Custodial and Maintenance | Excel | 0.50 | 0.50 | 100.00 |
| Outside | | | | |
| Vehicular Traffic | Fair | 1.30 | 2.00 | 65.00 |
| Pedestrian Traffic | Excel | 0.97 | 0.97 | 100.00 |
| Parking | Fair | 0.53 | 0.81 | 65.00 |

Project #: 7698

County: Essex

Site #: 0003

APPENDIX C BASYS Reports

Project: Assessments 2016

Region: 9

Site: Bancroft ES

Grade Config: K-5

Site Type: Elementary

Site Size: 20.00

| Suitability | Rating | Score | Possible Score | Percent Score |
|----------------------------|--------|--------------|----------------|---------------|
| Play Areas | Excel | 2.34 | 2.34 | 100.00 |
| Safety and Security | | | | |
| Fencing | Unsat | 0.00 | 0.75 | 0.00 |
| Signage & Way Finding | Excel | 1.00 | 1.00 | 100.00 |
| Ease of Supervision | Excel | 3.00 | 3.00 | 100.00 |
| Controlled Entrances | Excel | 0.50 | 0.50 | 100.00 |
| Total For Site: | | 93.26 | 95.00 | 98.17 |

Comments

Suitability - ES

Bancroft ES provides a comprehensive education program for grades K-5.

Suitability - ES->Outside-->Vehicular Traffic

There is a lack of staging area for traffic during the drop off and pick up times causing congestion of the public street.

Suitability - ES->Outside-->Parking

Parking is inadequate for public events or large meetings.

Suitability - ES->Safety and Security-->Fencing

There is no fencing.

Suitability Report - Full

| | | |
|---------------------------|-----------------------|---------------------|
| Project #: 7698 | County: Essex | Site #: 0010 |
| Project: Assessments 2016 | Region: 9 | Site: High Plain ES |
| Grade Config: K-5 | Site Type: Elementary | Site Size: 0.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|-------------------------------------|--------|-------|----------------|---------------|
| Suitability - ES | | | | |
| Learning Environment | | | | |
| Learning Style Variety | Excel | 5.00 | 5.00 | 100.00 |
| Interior Environment | Excel | 2.00 | 2.00 | 100.00 |
| Exterior Environment | Excel | 1.50 | 1.50 | 100.00 |
| General Classrooms | | | | |
| Environment | Excel | 3.90 | 3.90 | 100.00 |
| Size | Excel | 9.75 | 9.75 | 100.00 |
| Location | Excel | 2.93 | 2.93 | 100.00 |
| Storage/Fixed Equip | Fair | 1.90 | 2.93 | 65.00 |
| Kindergarten | | | | |
| Environment | Excel | 0.42 | 0.42 | 100.00 |
| Size | Excel | 1.04 | 1.04 | 100.00 |
| Location | Excel | 0.31 | 0.31 | 100.00 |
| Storage/Fixed Equip | Fair | 0.20 | 0.31 | 65.00 |
| ECE | | | | |
| Environment | Excel | 0.50 | 0.50 | 100.00 |
| Size | Excel | 1.25 | 1.25 | 100.00 |
| Location | Excel | 0.37 | 0.37 | 100.00 |
| Storage/Fixed Equip | Good | 0.30 | 0.37 | 80.00 |
| Self-Contained Special Ed | | | | |
| Environment | Excel | 0.48 | 0.48 | 100.00 |
| Size | Excel | 1.20 | 1.20 | 100.00 |
| Location | Excel | 0.36 | 0.36 | 100.00 |
| Storage/Fixed Equip | Excel | 0.36 | 0.36 | 100.00 |
| Instructional Resource Rooms | | | | |
| Environment | Excel | 0.72 | 0.72 | 100.00 |
| Size | Good | 1.44 | 1.80 | 80.00 |
| Location | Excel | 0.54 | 0.54 | 100.00 |
| Storage/Fixed Equip | Fair | 0.35 | 0.54 | 65.00 |
| Science | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Music | | | | |
| Environment | Good | 0.59 | 0.74 | 80.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|----------------------------------|--------|-------|----------------|---------------|
| Size | Fair | 1.20 | 1.85 | 65.00 |
| Location | Excel | 0.56 | 0.56 | 100.00 |
| Storage/Fixed Equip | Excel | 0.56 | 0.56 | 100.00 |
| Visual Arts Classroom | | | | |
| Environment | Good | 0.37 | 0.47 | 80.00 |
| Size | Good | 0.94 | 1.17 | 80.00 |
| Location | Excel | 0.35 | 0.35 | 100.00 |
| Storage/Fixed Equip | Good | 0.28 | 0.35 | 80.00 |
| Innovation Lab | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Computer Labs | | | | |
| Environment | Excel | 0.34 | 0.34 | 100.00 |
| Size | Excel | 0.85 | 0.85 | 100.00 |
| Location | Excel | 0.26 | 0.26 | 100.00 |
| Storage/Fixed Equip | Excel | 0.26 | 0.26 | 100.00 |
| P.E. | | | | |
| Environment | Excel | 1.92 | 1.92 | 100.00 |
| Size | Excel | 4.80 | 4.80 | 100.00 |
| Location | Poor | 0.72 | 1.44 | 50.00 |
| Storage/Fixed Equip | Good | 1.15 | 1.44 | 80.00 |
| Performing Arts | | | | |
| Environment | Excel | 0.60 | 0.60 | 100.00 |
| Size | Excel | 1.51 | 1.51 | 100.00 |
| Location | Excel | 0.45 | 0.45 | 100.00 |
| Storage/Fixed Equip | Excel | 0.45 | 0.45 | 100.00 |
| Media Center | | | | |
| Environment | Excel | 0.97 | 0.97 | 100.00 |
| Size | Excel | 2.44 | 2.44 | 100.00 |
| Location | Excel | 0.73 | 0.73 | 100.00 |
| Storage/Fixed Equip | Excel | 0.73 | 0.73 | 100.00 |
| Student Restrooms | Excel | 0.89 | 0.89 | 100.00 |
| Administration | Excel | 2.06 | 2.06 | 100.00 |
| Counseling | Excel | 0.29 | 0.29 | 100.00 |
| Parent Room | (N/A) | 0.00 | 0.00 | 0.00 |
| Clinic | Excel | 0.58 | 0.58 | 100.00 |
| Faculty Room | Excel | 1.27 | 1.27 | 100.00 |
| Cafeteria | Good | 4.00 | 5.00 | 80.00 |
| Food Service and Prep | (N/A) | 0.00 | 0.00 | 0.00 |
| Custodial and Maintenance | Fair | 0.33 | 0.50 | 65.00 |
| Outside | | | | |
| Vehicular Traffic | Fair | 1.30 | 2.00 | 65.00 |
| Pedestrian Traffic | Excel | 0.97 | 0.97 | 100.00 |
| Parking | Excel | 0.81 | 0.81 | 100.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|----------------------------|--------|--------------|----------------|---------------|
| Play Areas | Excel | 2.34 | 2.34 | 100.00 |
| Safety and Security | | | | |
| Fencing | Fair | 0.49 | 0.75 | 65.00 |
| Signage & Way Finding | Excel | 1.00 | 1.00 | 100.00 |
| Ease of Supervision | Excel | 3.00 | 3.00 | 100.00 |
| Controlled Entrances | Excel | 0.50 | 0.50 | 100.00 |
| Total For Site: | | 79.70 | 85.80 | 92.89 |

Comments

Suitability - ES

The High Plain School opened in September 2002. It serves Kindergarten to fifth grade students. High Plain Elementary has 48,580 sq. ft. of space, contains 30 classrooms, and shares its core facilities of a kitchen, mechanical room, and 600-seat auditorium with Wood Hill Middle School. High Plain has its own health clinic, gymnasium, library, and administrative offices.

Suitability - ES->General Classrooms-->Storage/Fixed Equip

Storage is available in all classes; however the design of the storage cabinets doors have them extended out into the walking path of students, creating the potential for injury. Doors on several of the cabinets are broken.

Suitability - ES->Kindergarten-->Storage/Fixed Equip

Storage is available in all classes; however the design of the storage cabinets doors have them extended out into the walking path of students, creating the potential for injury. Doors on several of the cabinets are broken. The sink is too high for students and they have to climb on a chair to get a drink of water or wash their hands.

Suitability - ES->Instructional Resource Rooms-->Storage/Fixed Equip

Not all rooms have sufficient storage.

Suitability - ES->Science-->Size

There are no science labs in the school. All are on the middle school side (High Plains and Wood Hill are one building).

Suitability - ES->Music-->Environment

There is no acoustical tiles or other sound buffering equipment in the room.

Suitability - ES->Music-->Size

Room is slightly below the size standard.

Suitability - ES->P.E.-->Location

The gym is directly next door to the main office so once PE classes begins, every visitor is greeted with the excited noise from the gym.

Suitability - ES->Food Service and Prep

Food service/prep is in adjoining middle school.

Suitability - ES->Custodial and Maintenance

The custodial closets lack sufficient shelving for storage and there is insufficient receiving area.

Suitability - ES->Outside-->Vehicular Traffic

There is a lack of staging area for traffic during the drop off and pick up times causing congestion of the public street.

Suitability - ES->Safety and Security-->Fencing

The site is not fenced in.

Suitability Report - Full

| | | |
|---------------------------|-----------------------|------------------|
| Project #: 7698 | County: Essex | Site #: 0020 |
| Project: Assessments 2016 | Region: 9 | Site: Sanborn ES |
| Grade Config: K-5 | Site Type: Elementary | Site Size: 32.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|-------------------------------------|--------|-------|----------------|---------------|
| Suitability - ES | | | | |
| Learning Environment | | | | |
| Learning Style Variety | Poor | 2.50 | 5.00 | 50.00 |
| Interior Environment | Fair | 1.30 | 2.00 | 65.00 |
| Exterior Environment | Fair | 0.98 | 1.50 | 65.00 |
| General Classrooms | | | | |
| Environment | Fair | 2.54 | 3.90 | 65.00 |
| Size | Good | 7.80 | 9.75 | 80.00 |
| Location | Excel | 2.93 | 2.93 | 100.00 |
| Storage/Fixed Equip | Fair | 1.90 | 2.93 | 65.00 |
| Kindergarten | | | | |
| Environment | Fair | 0.27 | 0.42 | 65.00 |
| Size | Fair | 0.68 | 1.04 | 65.00 |
| Location | Fair | 0.20 | 0.31 | 65.00 |
| Storage/Fixed Equip | Fair | 0.20 | 0.31 | 65.00 |
| ECE | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Self-Contained Special Ed | | | | |
| Environment | Unsat | 0.00 | 0.48 | 0.00 |
| Size | Unsat | 0.00 | 1.20 | 0.00 |
| Location | Unsat | 0.00 | 0.36 | 0.00 |
| Storage/Fixed Equip | Unsat | 0.00 | 0.36 | 0.00 |
| Instructional Resource Rooms | | | | |
| Environment | Fair | 0.47 | 0.72 | 65.00 |
| Size | Good | 1.44 | 1.80 | 80.00 |
| Location | Excel | 0.54 | 0.54 | 100.00 |
| Storage/Fixed Equip | Fair | 0.35 | 0.54 | 65.00 |
| Science | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Music | | | | |
| Environment | Fair | 0.48 | 0.74 | 65.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|----------------------------------|--------|-------|----------------|---------------|
| Size | Excel | 1.85 | 1.85 | 100.00 |
| Location | Good | 0.44 | 0.56 | 80.00 |
| Storage/Fixed Equip | Poor | 0.28 | 0.56 | 50.00 |
| Visual Arts Classroom | | | | |
| Environment | Fair | 0.30 | 0.47 | 65.00 |
| Size | Poor | 0.58 | 1.17 | 50.00 |
| Location | Excel | 0.35 | 0.35 | 100.00 |
| Storage/Fixed Equip | Poor | 0.18 | 0.35 | 50.00 |
| Innovation Lab | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Computer Labs | | | | |
| Environment | Fair | 0.22 | 0.34 | 65.00 |
| Size | Excel | 0.85 | 0.85 | 100.00 |
| Location | Excel | 0.26 | 0.26 | 100.00 |
| Storage/Fixed Equip | Excel | 0.26 | 0.26 | 100.00 |
| P.E. | | | | |
| Environment | Fair | 1.25 | 1.92 | 65.00 |
| Size | Excel | 4.80 | 4.80 | 100.00 |
| Location | Fair | 0.94 | 1.44 | 65.00 |
| Storage/Fixed Equip | Good | 1.15 | 1.44 | 80.00 |
| Performing Arts | | | | |
| Environment | Fair | 0.39 | 0.60 | 65.00 |
| Size | Excel | 1.51 | 1.51 | 100.00 |
| Location | Fair | 0.29 | 0.45 | 65.00 |
| Storage/Fixed Equip | Poor | 0.23 | 0.45 | 50.00 |
| Media Center | | | | |
| Environment | Excel | 0.97 | 0.97 | 100.00 |
| Size | Poor | 1.22 | 2.44 | 50.00 |
| Location | Excel | 0.73 | 0.73 | 100.00 |
| Storage/Fixed Equip | Poor | 0.37 | 0.73 | 50.00 |
| Student Restrooms | Good | 0.71 | 0.89 | 80.00 |
| Administration | Poor | 1.03 | 2.06 | 50.00 |
| Counseling | Fair | 0.19 | 0.29 | 65.00 |
| Parent Room | (N/A) | 0.00 | 0.00 | 0.00 |
| Clinic | Good | 0.47 | 0.58 | 80.00 |
| Faculty Room | Poor | 0.63 | 1.27 | 50.00 |
| Cafeteria | Fair | 3.25 | 5.00 | 65.00 |
| Food Service and Prep | Fair | 4.03 | 6.20 | 65.00 |
| Custodial and Maintenance | Fair | 0.33 | 0.50 | 65.00 |
| Outside | | | | |
| Vehicular Traffic | Fair | 1.30 | 2.00 | 65.00 |
| Pedestrian Traffic | Excel | 0.97 | 0.97 | 100.00 |
| Parking | Good | 0.65 | 0.81 | 80.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|----------------------------|--------|--------------|----------------|---------------|
| Play Areas | Fair | 1.52 | 2.34 | 65.00 |
| Safety and Security | | | | |
| Fencing | Good | 0.60 | 0.75 | 80.00 |
| Signage & Way Finding | Fair | 0.65 | 1.00 | 65.00 |
| Ease of Supervision | Good | 2.40 | 3.00 | 80.00 |
| Controlled Entrances | Good | 0.40 | 0.50 | 80.00 |
| Total For Site: | | 63.13 | 89.50 | 70.54 |

Comments

Suitability - ES

Sanborn ES provides a comprehensive education program for grades K-5.

Suitability - ES->Learning Environment-->Learning Style Variety

The school has no spaces to accommodate flexible learning and teaching styles.

Suitability - ES->Learning Environment-->Interior Environment

The school lacks air conditioning, audio enhancement, and green building design learning opportunities.

Suitability - ES->Learning Environment-->Exterior Environment

The school has seating areas for outdoor classrooms and a outdoor nature area that needs to be revitalized.

Suitability - ES->General Classrooms-->Environment

The general classrooms lack air conditioning.

Suitability - ES->General Classrooms-->Storage/Fixed Equip

The general classrooms lack a lockable wardrobe closet and sufficient storage for materials.

Suitability - ES->Kindergarten-->Environment

The classrooms lack air conditioning.

Suitability - ES->Kindergarten-->Size

The kindergarten rooms are about 76% of the size standard.

Suitability - ES->Kindergarten-->Location

The kindergarten rooms are near the parent drop off area.

Suitability - ES->Kindergarten-->Storage/Fixed Equip

The kindergarten casework is not age appropriate and only one room has a smart board.

Suitability - ES->Self-Contained Special Ed-->Environment

The self-contained SPED rooms are in portables.

Suitability - ES->Self-Contained Special Ed-->Size

The self-contained SPED rooms are in portables.

Suitability - ES->Self-Contained Special Ed-->Location

The self-contained SPED rooms are in portables.

Suitability - ES->Self-Contained Special Ed-->Storage/Fixed Equip

The self-contained SPED rooms are in portables.

Suitability - ES->Instructional Resource Rooms-->Environment

The instructional resource rooms lack air conditioning. Several rooms are combined with other functions, such as storage.

Suitability - ES->Instructional Resource Rooms-->Storage/Fixed Equip

Storage is minimal.

| Suitability | Rating | Score | Possible Score | Percent Score |
|---|--------|-------|----------------|---------------|
| Suitability - ES->Music-->Environment The music room is not air conditioned and has a low ceiling. | | | | |
| Suitability - ES->Music-->Storage/Fixed Equip The music room lacks a sink and adequate storage for instruments. | | | | |
| Suitability - ES->Visual Arts Classroom-->Environment The art rooms lacks air conditioning and natural light. | | | | |
| Suitability - ES->Visual Arts Classroom-->Size The art room is about 59% of the size standard. | | | | |
| Suitability - ES->Visual Arts Classroom-->Storage/Fixed Equip The art room lacks display space, storage for student projects and the kiln is in a storage room that is off of the gym. | | | | |
| Suitability - ES->Computer Labs-->Environment The computer lab lacks air conditioning. | | | | |
| Suitability - ES->P.E.-->Environment The gym lacks air conditioning. | | | | |
| Suitability - ES->P.E.-->Location The gym is not secured for after hours use by the public. | | | | |
| Suitability - ES->P.E.-->Storage/Fixed Equip The gym lacks a drinking fountain. | | | | |
| Suitability - ES->Performing Arts-->Environment The performing arts space is a stage in the cafetorium and it lacks air conditioning. | | | | |
| Suitability - ES->Performing Arts-->Location The performing arts space cannot be secured for after hours public use. | | | | |
| Suitability - ES->Performing Arts-->Storage/Fixed Equip The performing arts space lacks storage, a working sound system, and technology equipment. | | | | |
| Suitability - ES->Media Center-->Size The media center reading room meets the size standard but lacks an office, work room, and storage. | | | | |
| Suitability - ES->Media Center-->Storage/Fixed Equip The media center lacks storage. | | | | |
| Suitability - ES->Student Restrooms The student restrooms lack urinal privacy panels. | | | | |
| Suitability - ES->Administration The administrative area lacks acoustical privacy between offices, a conference room, faculty mailboxes with non-public access, storage for materials, and locked storage for testing materials. | | | | |
| Suitability - ES->Counseling The counseling area (social worker) lacks fire proof student records storage. | | | | |
| Suitability - ES->Clinic The clinic only has two cots. | | | | |
| Suitability - ES->Faculty Room The staff eating area is small and there is no work space with cabinets, counters, sink or copier. | | | | |
| Suitability - ES->Cafeteria The cafeteria lacks air conditioning, a storage room, and is not adjacent to restrooms. | | | | |

Project #: 7698

County: Essex

Site #: 0020
APPENDIX C BASYS Reports

Project: Assessments 2016

Region: 9

Site: Sanborn ES

Grade Config: K-5

Site Type: Elementary

Site Size: 32.00

| Suitability | Rating | Score | Possible Score | Percent Score |
|--|--------|-------|----------------|---------------|
| Suitability - ES->Food Service and Prep The food service area lacks air conditioning and a visual connection with the loading dock for security. | | | | |
| Suitability - ES->Custodial and Maintenance The custodial closets lack sufficient shelving for storage and there is insufficient receiving area. | | | | |
| Suitability - ES->Outside-->Vehicular Traffic There is some vehicular conflict between staff exiting the parking lot and buses picking up students. There is a lack of space for buses to wait. | | | | |
| Suitability - ES->Outside-->Parking There is a lack of parking for events. | | | | |
| Suitability - ES->Outside-->Play Areas There is no covered play area and the play equipment is not ADA accessible. | | | | |
| Suitability - ES->Safety and Security-->Signage & Way Finding There is a lack of interior way finding signage. | | | | |
| Suitability - ES->Safety and Security-->Controlled Entrances The main entrance is controlled with a buzzer but does not have a security vestibule. | | | | |

Suitability Report - Full

| | | |
|---------------------------|-----------------------|------------------|
| Project #: 7698 | County: Essex | Site #: 0025 |
| Project: Assessments 2016 | Region: 9 | Site: South ES |
| Grade Config: K-5 | Site Type: Elementary | Site Size: 20.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|-------------------------------------|--------|-------|----------------|---------------|
| Suitability - ES | | | | |
| Learning Environment | | | | |
| Learning Style Variety | Poor | 2.50 | 5.00 | 50.00 |
| Interior Environment | Fair | 1.30 | 2.00 | 65.00 |
| Exterior Environment | Fair | 0.98 | 1.50 | 65.00 |
| General Classrooms | | | | |
| Environment | Good | 3.12 | 3.90 | 80.00 |
| Size | Good | 7.80 | 9.75 | 80.00 |
| Location | Excel | 2.93 | 2.93 | 100.00 |
| Storage/Fixed Equip | Excel | 2.93 | 2.93 | 100.00 |
| Kindergarten | | | | |
| Environment | Good | 0.33 | 0.42 | 80.00 |
| Size | Good | 0.83 | 1.04 | 80.00 |
| Location | Excel | 0.31 | 0.31 | 100.00 |
| Storage/Fixed Equip | Good | 0.25 | 0.31 | 80.00 |
| ECE | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Self-Contained Special Ed | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Instructional Resource Rooms | | | | |
| Environment | Good | 0.58 | 0.72 | 80.00 |
| Size | Excel | 1.80 | 1.80 | 100.00 |
| Location | Excel | 0.54 | 0.54 | 100.00 |
| Storage/Fixed Equip | Excel | 0.54 | 0.54 | 100.00 |
| Science | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Music | | | | |
| Environment | Good | 0.59 | 0.74 | 80.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|----------------------------------|--------|-------|----------------|---------------|
| Size | Excel | 1.85 | 1.85 | 100.00 |
| Location | Good | 0.44 | 0.56 | 80.00 |
| Storage/Fixed Equip | Good | 0.44 | 0.56 | 80.00 |
| Visual Arts Classroom | | | | |
| Environment | Good | 0.37 | 0.47 | 80.00 |
| Size | Fair | 0.76 | 1.17 | 65.00 |
| Location | Good | 0.28 | 0.35 | 80.00 |
| Storage/Fixed Equip | Poor | 0.18 | 0.35 | 50.00 |
| Innovation Lab | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Computer Labs | | | | |
| Environment | Good | 0.27 | 0.34 | 80.00 |
| Size | Excel | 0.85 | 0.85 | 100.00 |
| Location | Excel | 0.26 | 0.26 | 100.00 |
| Storage/Fixed Equip | Excel | 0.26 | 0.26 | 100.00 |
| P.E. | | | | |
| Environment | Good | 1.54 | 1.92 | 80.00 |
| Size | Excel | 4.80 | 4.80 | 100.00 |
| Location | Excel | 1.44 | 1.44 | 100.00 |
| Storage/Fixed Equip | Excel | 1.44 | 1.44 | 100.00 |
| Performing Arts | | | | |
| Environment | Good | 0.48 | 0.60 | 80.00 |
| Size | Excel | 1.51 | 1.51 | 100.00 |
| Location | Excel | 0.45 | 0.45 | 100.00 |
| Storage/Fixed Equip | Excel | 0.45 | 0.45 | 100.00 |
| Media Center | | | | |
| Environment | Excel | 0.97 | 0.97 | 100.00 |
| Size | Fair | 1.58 | 2.44 | 65.00 |
| Location | Excel | 0.73 | 0.73 | 100.00 |
| Storage/Fixed Equip | Fair | 0.48 | 0.73 | 65.00 |
| Student Restrooms | Excel | 0.89 | 0.89 | 100.00 |
| Administration | Poor | 1.03 | 2.06 | 50.00 |
| Counseling | Fair | 0.19 | 0.29 | 65.00 |
| Parent Room | (N/A) | 0.00 | 0.00 | 0.00 |
| Clinic | Good | 0.47 | 0.58 | 80.00 |
| Faculty Room | Good | 1.01 | 1.27 | 80.00 |
| Cafeteria | Good | 4.00 | 5.00 | 80.00 |
| Food Service and Prep | Poor | 3.10 | 6.20 | 50.00 |
| Custodial and Maintenance | Fair | 0.33 | 0.50 | 65.00 |
| Outside | | | | |
| Vehicular Traffic | Fair | 1.30 | 2.00 | 65.00 |
| Pedestrian Traffic | Good | 0.78 | 0.97 | 80.00 |
| Parking | Fair | 0.53 | 0.81 | 65.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|----------------------------|--------|--------------|----------------|---------------|
| Play Areas | Fair | 1.52 | 2.34 | 65.00 |
| Safety and Security | | | | |
| Fencing | Fair | 0.49 | 0.75 | 65.00 |
| Signage & Way Finding | Fair | 0.65 | 1.00 | 65.00 |
| Ease of Supervision | Good | 2.40 | 3.00 | 80.00 |
| Controlled Entrances | Fair | 0.33 | 0.50 | 65.00 |
| Total For Site: | | 68.18 | 87.10 | 78.28 |

Comments

Suitability - ES

South ES provides a comprehensive education program for grades K-5.

Suitability - ES->Learning Environment-->Learning Style Variety

The school has no spaces to accommodate flexible learning and teaching styles.

Suitability - ES->Learning Environment-->Interior Environment

The school has no audio enhancement in the classrooms nor does it have green building design learning opportunities.

Suitability - ES->Learning Environment-->Exterior Environment

The school has no outdoor art patios or covered instructional areas.

Suitability - ES->Kindergarten-->Storage/Fixed Equip

The casework in the kindergarten rooms is not age appropriate in height.

Suitability - ES->Music-->Storage/Fixed Equip

The music room lacks a sink and acoustical wall treatment.

Suitability - ES->Visual Arts Classroom-->Size

The art room is about 75% of the standard for size.

Suitability - ES->Visual Arts Classroom-->Storage/Fixed Equip

The art rooms lacks blinds, adequate storage, a kiln, display space, and technology equipment.

Suitability - ES->Media Center-->Size

The media center reading room meets the size standard but there is no office or work room.

Suitability - ES->Media Center-->Storage/Fixed Equip

The media center lacks low book cases, sufficient storage for equipment, flexible furniture, and a sink in a work room.

Suitability - ES->Administration

The administration area lacks a large enough reception area and conference room. The teachers mailboxes must be accessed through the public area. There is no office for the assistant principal.

Suitability - ES->Counseling

Counseling has no conference room or records room.

Suitability - ES->Clinic

The clinic has only two cots.

Suitability - ES->Cafeteria

The cafeteria lacks table storage.

Suitability - ES->Food Service and Prep

The food service area lacks an office, changing room, a washer/dryer, and does not have visual contact with visitors at the receiving door.

Project #: 7698

County: Essex

Site #: 0025
APPENDIX C BASYS Reports

Project: Assessments 2016

Region: 9

Site: South ES

Grade Config: K-5

Site Type: Elementary

Site Size: 20.00

| Suitability | Rating | Score | Possible Score | Percent Score |
|---|--------|-------|----------------|---------------|
| Suitability - ES->Custodial and Maintenance The custodial closets lack sufficient shelving for storage and there is insufficient receiving area. | | | | |
| Suitability - ES->Outside-->Vehicular Traffic There is a lack of staging area for traffic during the drop off and pick up times causing congestion of the public street. | | | | |
| Suitability - ES->Outside-->Parking There is not sufficient parking for visitors and for events. | | | | |
| Suitability - ES->Outside-->Play Areas The play area does not have a fenced K play area, accessible storage, or a covered area. | | | | |
| Suitability - ES->Safety and Security-->Fencing The site lacks sufficient fencing along the parent access drive. | | | | |
| Suitability - ES->Safety and Security-->Signage & Way Finding The school lacks sufficient way finding signage. | | | | |
| Suitability - ES->Safety and Security-->Controlled Entrances The main entrance has a buzzer but no visual contact. There is not a security vestibule. | | | | |

Suitability Report - Full

| | | |
|---------------------------|-----------------------|------------------|
| Project #: 7698 | County: Essex | Site #: 0305 |
| Project: Assessments 2016 | Region: 9 | Site: West ES |
| Grade Config: K-5 | Site Type: Elementary | Site Size: 12.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|-------------------------------------|--------|-------|----------------|---------------|
| Suitability - ES | | | | |
| Learning Environment | | | | |
| Learning Style Variety | Poor | 2.50 | 5.00 | 50.00 |
| Interior Environment | Poor | 1.00 | 2.00 | 50.00 |
| Exterior Environment | Good | 1.20 | 1.50 | 80.00 |
| General Classrooms | | | | |
| Environment | Poor | 1.95 | 3.90 | 50.00 |
| Size | Poor | 4.88 | 9.75 | 50.00 |
| Location | Excel | 2.93 | 2.93 | 100.00 |
| Storage/Fixed Equip | Poor | 1.46 | 2.93 | 50.00 |
| Kindergarten | | | | |
| Environment | Fair | 0.27 | 0.42 | 65.00 |
| Size | Fair | 0.68 | 1.04 | 65.00 |
| Location | Good | 0.25 | 0.31 | 80.00 |
| Storage/Fixed Equip | Poor | 0.16 | 0.31 | 50.00 |
| ECE | | | | |
| Environment | Poor | 0.25 | 0.50 | 50.00 |
| Size | Poor | 0.62 | 1.25 | 50.00 |
| Location | Excel | 0.37 | 0.37 | 100.00 |
| Storage/Fixed Equip | Poor | 0.19 | 0.37 | 50.00 |
| Self-Contained Special Ed | | | | |
| Environment | Poor | 0.24 | 0.48 | 50.00 |
| Size | Poor | 0.60 | 1.20 | 50.00 |
| Location | Excel | 0.36 | 0.36 | 100.00 |
| Storage/Fixed Equip | Poor | 0.18 | 0.36 | 50.00 |
| Instructional Resource Rooms | | | | |
| Environment | Poor | 0.36 | 0.72 | 50.00 |
| Size | Unsat | 0.00 | 1.80 | 0.00 |
| Location | Poor | 0.27 | 0.54 | 50.00 |
| Storage/Fixed Equip | Poor | 0.27 | 0.54 | 50.00 |
| Science | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Music | | | | |
| Environment | Poor | 0.37 | 0.74 | 50.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|----------------------------------|--------|-------|----------------|---------------|
| Size | Poor | 0.93 | 1.85 | 50.00 |
| Location | Poor | 0.28 | 0.56 | 50.00 |
| Storage/Fixed Equip | Poor | 0.28 | 0.56 | 50.00 |
| Visual Arts Classroom | | | | |
| Environment | Poor | 0.23 | 0.47 | 50.00 |
| Size | Poor | 0.58 | 1.17 | 50.00 |
| Location | Poor | 0.18 | 0.35 | 50.00 |
| Storage/Fixed Equip | Poor | 0.18 | 0.35 | 50.00 |
| Innovation Lab | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Computer Labs | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| P.E. | | | | |
| Environment | Fair | 1.25 | 1.92 | 65.00 |
| Size | Excel | 4.80 | 4.80 | 100.00 |
| Location | Good | 1.15 | 1.44 | 80.00 |
| Storage/Fixed Equip | Good | 1.15 | 1.44 | 80.00 |
| Performing Arts | | | | |
| Environment | Poor | 0.30 | 0.60 | 50.00 |
| Size | Poor | 0.76 | 1.51 | 50.00 |
| Location | Good | 0.36 | 0.45 | 80.00 |
| Storage/Fixed Equip | Good | 0.36 | 0.45 | 80.00 |
| Media Center | | | | |
| Environment | Poor | 0.49 | 0.97 | 50.00 |
| Size | Poor | 1.22 | 2.44 | 50.00 |
| Location | Good | 0.58 | 0.73 | 80.00 |
| Storage/Fixed Equip | Good | 0.58 | 0.73 | 80.00 |
| Student Restrooms | Good | 0.71 | 0.89 | 80.00 |
| Administration | Fair | 1.34 | 2.06 | 65.00 |
| Counseling | Fair | 0.19 | 0.29 | 65.00 |
| Parent Room | (N/A) | 0.00 | 0.00 | 0.00 |
| Clinic | Poor | 0.29 | 0.58 | 50.00 |
| Faculty Room | Fair | 0.82 | 1.27 | 65.00 |
| Cafeteria | Poor | 2.50 | 5.00 | 50.00 |
| Food Service and Prep | Good | 4.96 | 6.20 | 80.00 |
| Custodial and Maintenance | Fair | 0.33 | 0.50 | 65.00 |
| Outside | | | | |
| Vehicular Traffic | Fair | 1.30 | 2.00 | 65.00 |
| Pedestrian Traffic | Fair | 0.63 | 0.97 | 65.00 |
| Parking | Fair | 0.53 | 0.81 | 65.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|----------------------------|--------|--------------|----------------|---------------|
| Play Areas | Fair | 1.52 | 2.34 | 65.00 |
| Safety and Security | | | | |
| Fencing | Poor | 0.38 | 0.75 | 50.00 |
| Signage & Way Finding | Excel | 1.00 | 1.00 | 100.00 |
| Ease of Supervision | Good | 2.40 | 3.00 | 80.00 |
| Controlled Entrances | Excel | 0.50 | 0.50 | 100.00 |
| Total For Site: | | 56.42 | 90.29 | 62.48 |

Comments

Suitability - ES

West Elementary is the second largest of Andover's eight schools. It serves Kindergarten to fifth grade students, with a staff of 100 teachers, tutors, instructional assistants, and other support personnel. The school values the diverse nature of its student population and celebrates the individual differences among children. The school sets high expectations for children and provides experiences that facilitates acquiring skills that will help them become lifelong learners.

Suitability - ES->Learning Environment-->Learning Style Variety

Rooms did not allow for flexible grouping.

Suitability - ES->Learning Environment-->Interior Environment

The school has no audio enhancement in the classrooms nor does it have green building design learning opportunities.

Suitability - ES->General Classrooms-->Environment

Few of the general classrooms allow for flexible use of the space.

Suitability - ES->General Classrooms-->Size

None of the general classrooms meet space requirements.

Suitability - ES->General Classrooms-->Storage/Fixed Equip

Rooms do not have sufficient storage.

Suitability - ES->Kindergarten-->Environment

Spatial configuration does not adequately support the program.

Suitability - ES->Kindergarten-->Size

Classrooms failed to meet the size standard.

Suitability - ES->Kindergarten-->Storage/Fixed Equip

Rooms do not have sufficient storage.

Suitability - ES->ECE-->Environment

Spatial configuration does not adequately support the program; limited due to room size.

Suitability - ES->ECE-->Size

Classrooms failed to meet the size standard.

Suitability - ES->ECE-->Storage/Fixed Equip

Storage was very limited and insufficient.

Suitability - ES->Self-Contained Special Ed-->Environment

Spatial configuration does not adequately support the program.

Suitability - ES->Self-Contained Special Ed-->Size

Classrooms failed to meet the size standard.

| Suitability | Rating | Score | Possible Score | Percent Score |
|---|--------|-------|----------------|---------------|
| Suitability - ES->Self-Contained Special Ed-->Location SPED self-contained class located adjacent to restrooms and other instructional support spaces. | | | | |
| Suitability - ES->Self-Contained Special Ed-->Storage/Fixed Equip Storage was very limited and insufficient. | | | | |
| Suitability - ES->Instructional Resource Rooms All instructional resource spaces are insufficient. Two regular classrooms have been divided into four spaces with portable dividers and are on the school's stage. | | | | |
| Suitability - ES->Instructional Resource Rooms-->Environment Spatial configuration does not adequately support the program. | | | | |
| Suitability - ES->Instructional Resource Rooms-->Size Classrooms failed to meet the size standard. | | | | |
| Suitability - ES->Instructional Resource Rooms-->Location School had limited space so resources often were in hallways, on the stage and other spaces, but not rooms. | | | | |
| Suitability - ES->Instructional Resource Rooms-->Storage/Fixed Equip Storage was very limited and insufficient. | | | | |
| Suitability - ES->Science-->Size The school has no science spaces. | | | | |
| Suitability - ES->Music-->Environment Spatial configuration does not adequately support the program. | | | | |
| Suitability - ES->Music-->Size Classrooms failed to meet the size standard. | | | | |
| Suitability - ES->Music-->Location Some music classes are taught on the stage. | | | | |
| Suitability - ES->Music-->Storage/Fixed Equip Storage was very limited and insufficient. | | | | |
| Suitability - ES->Visual Arts Classroom Art is taught in a regular classroom, which has insufficient storage and no kiln. | | | | |
| Suitability - ES->Visual Arts Classroom-->Environment Room was not designed for music, just a space that was an improvement over traveling to classes on a cart. | | | | |
| Suitability - ES->Visual Arts Classroom-->Size Classroom failed to meet the size standard. | | | | |
| Suitability - ES->Visual Arts Classroom-->Location Room was not in a space conducive to art; located among general education rooms. | | | | |
| Suitability - ES->Visual Arts Classroom-->Storage/Fixed Equip Storage was very limited and insufficient. | | | | |
| Suitability - ES->Computer Labs-->Size There are no computer labs in the school. | | | | |
| Suitability - ES->P.E.-->Environment The HVAC system is very loud in the gym. | | | | |
| Suitability - ES->Performing Arts-->Environment Spatial configuration does not adequately support the program. | | | | |

| Suitability | Rating | Score | Possible Score | Percent Score |
|---|--------|-------|----------------|---------------|
| Suitability - ES->Performing Arts-->Size Space was undersized and further reduced due to be subdivided to accommodate resource classes. | | | | |
| Suitability - ES->Media Center-->Environment Space was chopped into so many different areas as to render its function as a library limited to checking books in and out. | | | | |
| Suitability - ES->Media Center-->Size The media center is undersized. | | | | |
| Suitability - ES->Administration Space is limited in the administrative area. | | | | |
| Suitability - ES->Counseling Space is limited in the counseling suite. | | | | |
| Suitability - ES->Clinic Clinic is undersized. | | | | |
| Suitability - ES->Faculty Room The faculty room is not adequate for the number of staff. | | | | |
| Suitability - ES->Cafeteria Cafeteria was very undersized. | | | | |
| Suitability - ES->Custodial and Maintenance The custodial closets lack sufficient shelving for storage and there is insufficient receiving area. | | | | |
| Suitability - ES->Outside-->Vehicular Traffic Parent pickup traffic backs up onto the street. | | | | |
| Suitability - ES->Outside-->Pedestrian Traffic Students walk through traffic to access to the playground. | | | | |
| Suitability - ES->Outside-->Parking There is not enough parking. | | | | |
| Suitability - ES->Outside-->Play Areas There is no covered play area. | | | | |
| Suitability - ES->Safety and Security-->Fencing Fencing is not adequate. | | | | |

Suitability Report - Full

| | | |
|---------------------------|----------------|----------------------------|
| Project #: 7698 | County: Essex | Site #: 0005 |
| Project: Assessments 2016 | Region: 9 | Site: Shawsheen Pre School |
| Grade Config: Pre-K | Site Type: ECE | Site Size: 0.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|--------------------------------------|--------|-------|----------------|---------------|
| Suitability - Early Childhood | | | | |
| Learning Environment | | | | |
| Learning Style Variety | Poor | 2.06 | 4.12 | 50.00 |
| Interior Environment | Poor | 1.00 | 2.00 | 50.00 |
| Exterior Environment | Poor | 0.75 | 1.50 | 50.00 |
| Kindergarten | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| ECE | | | | |
| Environment | Fair | 3.05 | 4.69 | 65.00 |
| Size | Poor | 5.86 | 11.72 | 50.00 |
| Location | Excel | 3.52 | 3.52 | 100.00 |
| Storage/Fixed Equip | Poor | 1.76 | 3.52 | 50.00 |
| Self-Contained Special Ed | | | | |
| Environment | Fair | 0.31 | 0.48 | 65.00 |
| Size | Poor | 0.60 | 1.20 | 50.00 |
| Location | Excel | 0.36 | 0.36 | 100.00 |
| Storage/Fixed Equip | Fair | 0.23 | 0.36 | 65.00 |
| Instructional Resource Rooms | | | | |
| Environment | Poor | 0.36 | 0.72 | 50.00 |
| Size | Poor | 0.90 | 1.80 | 50.00 |
| Location | Good | 0.43 | 0.54 | 80.00 |
| Storage/Fixed Equip | Fair | 0.35 | 0.54 | 65.00 |
| P.E. - Activity | | | | |
| Environment | Poor | 0.97 | 1.95 | 50.00 |
| Size | Poor | 2.43 | 4.87 | 50.00 |
| Location | Good | 1.17 | 1.46 | 80.00 |
| Storage/Fixed Equip | Good | 1.17 | 1.46 | 80.00 |
| Student Restrooms | Poor | 0.85 | 1.70 | 50.00 |
| Administration | Poor | 2.04 | 4.08 | 50.00 |
| Counseling | Poor | 1.87 | 3.75 | 50.00 |
| Parent Room | (N/A) | 0.00 | 0.00 | 0.00 |
| Clinic | Good | 0.62 | 0.78 | 80.00 |
| Faculty Room | Good | 2.40 | 3.00 | 80.00 |
| Cafeteria | Poor | 1.50 | 3.00 | 50.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|----------------------------------|--------|--------------|----------------|---------------|
| Food Service and Prep | Poor | 1.50 | 3.00 | 50.00 |
| Custodial and Maintenance | Fair | 0.33 | 0.50 | 65.00 |
| Outside | | | | |
| Vehicular Traffic | Fair | 1.30 | 2.00 | 65.00 |
| Pedestrian Traffic | Excel | 0.97 | 0.97 | 100.00 |
| Parking | Fair | 0.53 | 0.81 | 65.00 |
| Play Areas | Poor | 1.17 | 2.34 | 50.00 |
| Safety and Security | | | | |
| Fencing | Poor | 0.38 | 0.75 | 50.00 |
| Signage & Way Finding | Poor | 0.05 | 0.09 | 50.00 |
| Ease of Supervision | Poor | 1.00 | 2.00 | 50.00 |
| Controlled Entrances | Poor | 0.25 | 0.50 | 50.00 |
| Total For Site: | | 44.04 | 76.07 | 57.89 |

Comments

Suitability - Early Childhood

Shawsheen School opened on October 7, 1924 and currently services students in grades PK and K. As the only Choice school in Andover, its are integrated with different specialists and therapists; thus making Shawsheen a truly primary community.

Suitability - Early Childhood->Learning Environment-->Learning Style Variety

Rooms did not allow for flexible grouping.

Suitability - Early Childhood->Learning Environment-->Interior Environment

The building is very old with worn surfaces, outdated furnishings, empty spaces that are little more than "junk rooms.

Suitability - Early Childhood->Learning Environment-->Exterior Environment

The building's exterior is showing its age and is not ADA accessible from the main entrances.

Suitability - Early Childhood->Kindergarten-->Size

Shawsheen School is a preschool center and does not offer kindergarten.

Suitability - Early Childhood->ECE-->Environment

Spatial configuration does not adequately support the program; limited due to room size.

Suitability - Early Childhood->ECE-->Size

Classrooms failed to meet the size standard.

Suitability - Early Childhood->ECE-->Storage/Fixed Equip

Rooms do not have sufficient storage, and much of it was not in great shape.

Suitability - Early Childhood->Self-Contained Special Ed-->Environment

Spatial configuration does not adequately support the program; limited due to room size.

Suitability - Early Childhood->Self-Contained Special Ed-->Size

Classrooms failed to meet the size standard.

Suitability - Early Childhood->Self-Contained Special Ed-->Storage/Fixed Equip

Rooms do not have sufficient storage, and much of it was not in great shape.

Suitability - Early Childhood->Instructional Resource Rooms-->Environment

Spatial configuration does not adequately support the program; limited due to room size.

Suitability - Early Childhood->Instructional Resource Rooms-->Size

Classrooms failed to meet the size standard.

| Suitability | Rating | Score | Possible Score | Percent Score |
|--|--------|-------|----------------|---------------|
| Suitability - Early Childhood->Instructional Resource Rooms-->Storage/Fixed Equip Rooms do not have sufficient storage, and much of it was not in great shape. | | | | |
| Suitability - Early Childhood->P.E. - Activity-->Environment Gym is not appealing in appearance and is not in a great state of repair. | | | | |
| Suitability - Early Childhood->P.E. - Activity-->Size Gym is undersized. | | | | |
| Suitability - Early Childhood->Student Restrooms Old and worn fixtures are in need of repair and or upgrade. | | | | |
| Suitability - Early Childhood->Administration Office spaces were undersized and storage was insufficient and worn. | | | | |
| Suitability - Early Childhood->Counseling Space was undersized and storage was insufficient and worn. | | | | |
| Suitability - Early Childhood->Cafeteria Very small; no onsite cooking capability. | | | | |
| Suitability - Early Childhood->Food Service and Prep Area was extremely small and could not support a regular school. | | | | |
| Suitability - Early Childhood->Custodial and Maintenance The custodial closets lack sufficient shelving for storage and there is insufficient receiving area. | | | | |
| Suitability - Early Childhood->Outside-->Vehicular Traffic There is only one access lane for bus and parent traffic. There is a lack of staging area for traffic during the drop off and pick up times causing congestion of the public street. | | | | |
| Suitability - Early Childhood->Outside-->Parking There is not sufficient parking. | | | | |
| Suitability - Early Childhood->Outside-->Play Areas The play areas are old and need updating. | | | | |
| Suitability - Early Childhood->Safety and Security-->Fencing The site is not fenced. | | | | |
| Suitability - Early Childhood->Safety and Security-->Signage & Way Finding There were no signs. | | | | |
| Suitability - Early Childhood->Safety and Security-->Ease of Supervision School has numerous levels with many areas lacking clear line of sight. | | | | |
| Suitability - Early Childhood->Safety and Security-->Controlled Entrances The main entrance to the school is on a lower level than the main office. | | | | |

Suitability Report - Full

| | | |
|---------------------------|-------------------|------------------|
| Project #: 7698 | County: Essex | Site #: 0310 |
| Project: Assessments 2016 | Region: 9 | Site: Doherty MS |
| Grade Config: 6-8 | Site Type: Middle | Site Size: 22.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|-------------------------------------|--------|-------|----------------|---------------|
| Suitability - MS | | | | |
| Learning Environment | | | | |
| Learning Style Variety | Poor | 2.50 | 5.00 | 50.00 |
| Interior Environment | Poor | 1.00 | 2.00 | 50.00 |
| Exterior Environment | Good | 1.20 | 1.50 | 80.00 |
| General Classrooms | | | | |
| Environment | Poor | 1.95 | 3.90 | 50.00 |
| Size | Good | 7.80 | 9.75 | 80.00 |
| Location | Excel | 2.93 | 2.93 | 100.00 |
| Storage/Fixed Equip | Fair | 1.90 | 2.93 | 65.00 |
| Self-Contained Special Ed | | | | |
| Environment | Poor | 0.27 | 0.55 | 50.00 |
| Size | Poor | 0.68 | 1.36 | 50.00 |
| Location | Excel | 0.41 | 0.41 | 100.00 |
| Storage/Fixed Equip | Fair | 0.27 | 0.41 | 65.00 |
| Instructional Resource Rooms | | | | |
| Environment | Poor | 0.41 | 0.82 | 50.00 |
| Size | Excel | 2.05 | 2.05 | 100.00 |
| Location | Excel | 0.61 | 0.61 | 100.00 |
| Storage/Fixed Equip | Fair | 0.40 | 0.61 | 65.00 |
| Science | | | | |
| Environment | Poor | 0.48 | 0.95 | 50.00 |
| Size | Good | 1.91 | 2.39 | 80.00 |
| Location | Good | 0.57 | 0.72 | 80.00 |
| Storage/Fixed Equip | Poor | 0.36 | 0.72 | 50.00 |
| Music | | | | |
| Environment | Poor | 0.37 | 0.74 | 50.00 |
| Size | Unsat | 0.00 | 1.84 | 0.00 |
| Location | Unsat | 0.00 | 0.55 | 0.00 |
| Storage/Fixed Equip | Fair | 0.36 | 0.55 | 65.00 |
| Visual Arts Classrooms | | | | |
| Environment | Poor | 0.32 | 0.65 | 50.00 |
| Size | Poor | 0.81 | 1.61 | 50.00 |
| Location | Good | 0.39 | 0.48 | 80.00 |
| Storage/Fixed Equip | Fair | 0.31 | 0.48 | 65.00 |
| Innovation Lab | | | | |
| Environment | Poor | 0.67 | 1.35 | 50.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|----------------------------------|--------|--------------|----------------|---------------|
| Size | Excel | 3.37 | 3.37 | 100.00 |
| Location | Excel | 1.01 | 1.01 | 100.00 |
| Storage/Fixed Equip | Fair | 0.66 | 1.01 | 65.00 |
| Computer Labs | | | | |
| Environment | Poor | 0.15 | 0.30 | 50.00 |
| Size | Excel | 0.75 | 0.75 | 100.00 |
| Location | Excel | 0.23 | 0.23 | 100.00 |
| Storage/Fixed Equip | Good | 0.18 | 0.23 | 80.00 |
| P.E. | | | | |
| Environment | Fair | 1.56 | 2.40 | 65.00 |
| Size | Fair | 3.90 | 6.00 | 65.00 |
| Location | Poor | 0.90 | 1.80 | 50.00 |
| Storage/Fixed Equip | Fair | 1.17 | 1.80 | 65.00 |
| Performing Arts | | | | |
| Environment | Fair | 0.27 | 0.42 | 65.00 |
| Size | Excel | 1.05 | 1.05 | 100.00 |
| Location | Poor | 0.16 | 0.31 | 50.00 |
| Storage/Fixed Equip | Fair | 0.20 | 0.31 | 65.00 |
| Media Center | | | | |
| Environment | Poor | 0.46 | 0.93 | 50.00 |
| Size | Good | 1.86 | 2.32 | 80.00 |
| Location | Good | 0.56 | 0.70 | 80.00 |
| Storage/Fixed Equip | Good | 0.56 | 0.70 | 80.00 |
| Student Restrooms | Poor | 0.46 | 0.93 | 50.00 |
| Administration | Poor | 0.80 | 1.60 | 50.00 |
| Counseling | Fair | 0.28 | 0.42 | 65.00 |
| Parent Room | Excel | 0.50 | 0.50 | 100.00 |
| Clinic | Good | 0.27 | 0.34 | 80.00 |
| Faculty Room | Poor | 0.45 | 0.91 | 50.00 |
| Cafeteria | Good | 3.20 | 4.00 | 80.00 |
| Food Service and Prep | Poor | 2.86 | 5.72 | 50.00 |
| Custodial and Maintenance | Fair | 0.33 | 0.50 | 65.00 |
| Outside | | | | |
| Vehicular Traffic | Poor | 2.00 | 4.00 | 50.00 |
| Pedestrian Traffic | Poor | 0.22 | 0.43 | 50.00 |
| Parking | Poor | 0.43 | 0.86 | 50.00 |
| Athletic Courts and Fields | Good | 0.84 | 1.05 | 80.00 |
| Safety and Security | | | | |
| Fencing | Poor | 0.39 | 0.78 | 50.00 |
| Signage & Way Finding | Fair | 0.65 | 1.00 | 65.00 |
| Ease of Supervision | Unsat | 0.00 | 3.00 | 0.00 |
| Controlled Entrances | Fair | 0.33 | 0.50 | 65.00 |
| Total For Site: | | 63.91 | 100.00 | 63.91 |

Comments

| Suitability | Rating | Score | Possible Score | Percent Score |
|--|--------|-------|----------------|---------------|
| Suitability - MS Doherty MS provides a comprehensive education program for grades 6-8. | | | | |
| Suitability - MS->Learning Environment-->Learning Style Variety The school has no spaces to accommodate flexible learning and teaching styles. | | | | |
| Suitability - MS->Learning Environment-->Interior Environment The interior environment lacks consistent heating. There is no cooling. The building aesthetics are worn and dated. No rooms have audio enhancement. | | | | |
| Suitability - MS->General Classrooms-->Environment The general classrooms lack consistent heating. There is no cooling. The aesthetics are worn and dated. | | | | |
| Suitability - MS->General Classrooms-->Storage/Fixed Equip The general classrooms lack outlets and charging stations. Some classrooms lack sufficient casework. | | | | |
| Suitability - MS->Self-Contained Special Ed-->Environment The self-contained SPED rooms lacks consistent heating. There is no cooling. The building aesthetics are worn and dated. | | | | |
| Suitability - MS->Self-Contained Special Ed-->Size The self-contained SPED rooms do not meet the size standard. | | | | |
| Suitability - MS->Self-Contained Special Ed-->Storage/Fixed Equip The self-contained SPED rooms lack outlets and charging stations. Some classrooms lack sufficient casework. | | | | |
| Suitability - MS->Instructional Resource Rooms-->Environment The resource rooms lack consistent heating. There is no cooling. The building aesthetics are worn and dated. | | | | |
| Suitability - MS->Instructional Resource Rooms-->Storage/Fixed Equip The resource rooms lack outlets and charging stations. Some rooms lack sufficient casework. | | | | |
| Suitability - MS->Science-->Environment The science rooms lack consistent heating. There is no cooling. The building aesthetics are worn and dated. | | | | |
| Suitability - MS->Science-->Size The science rooms do not meet the size standard. | | | | |
| Suitability - MS->Science-->Storage/Fixed Equip There is only one storage/prep room for four science rooms. The one fume hood is located in an old prep room that has been repurposed. | | | | |
| Suitability - MS->Music-->Environment There is a band and orchestra room, but no general music room or chorus room. The music rooms lacks consistent heating. There is no cooling. The building aesthetics are worn and dated. The orchestra room is located in what used to be the girls team locker room. | | | | |
| Suitability - MS->Music-->Size There is no general music room or chorus room. The orchestra room does not meet the size standard. | | | | |
| Suitability - MS->Music-->Location Neither the band or orchestra room are near the auditorium and they are not adjacent to each other. | | | | |
| Suitability - MS->Music-->Storage/Fixed Equip Storage for the band room is small. There is no storage for the orchestra room. | | | | |
| Suitability - MS->Visual Arts Classrooms-->Environment The art room lacks consistent heating. There is no cooling. The building aesthetics are worn and dated. | | | | |
| Suitability - MS->Visual Arts Classrooms-->Size The art room is about 60% of the size standard. | | | | |

| Suitability | Rating | Score | Possible Score | Percent Score |
|--|--------|-------|----------------|---------------|
| Suitability - MS->Visual Arts Classrooms-->Storage/Fixed Equip The art room lacks a kiln and display space. | | | | |
| Suitability - MS->Innovation Lab-->Environment The STEM room lacks consistent heating. There is no cooling. The building aesthetics are worn and dated. | | | | |
| Suitability - MS->Innovation Lab-->Storage/Fixed Equip The STEM room lacks sufficient storage for projects. The room lacks sufficient electrical outlets. | | | | |
| Suitability - MS->Computer Labs-->Environment The computer lab lacks consistent heating. There is no cooling. The building aesthetics are worn and dated. | | | | |
| Suitability - MS->P.E.-->Environment The gym lacks air conditioning and natural lighting. | | | | |
| Suitability - MS->P.E.-->Size There is no practice gym. | | | | |
| Suitability - MS->P.E.-->Location The gym separates the auditorium from the rest of the school and is not on the same level as the locker rooms. It can not be secured for after hours use. | | | | |
| Suitability - MS->P.E.-->Storage/Fixed Equip The gym lacks bleachers. | | | | |
| Suitability - MS->Performing Arts-->Environment The auditorium is not air conditioned. | | | | |
| Suitability - MS->Performing Arts-->Location The auditorium is separated from the school by the gym and is not easily accessed. There are no restrooms nearby. | | | | |
| Suitability - MS->Performing Arts-->Storage/Fixed Equip The auditorium has limited storage in the foyer and the stage is not ADA accessible. | | | | |
| Suitability - MS->Media Center-->Environment The media center lacks consistent heating. There is no cooling. The building aesthetics are worn and dated. | | | | |
| Suitability - MS->Media Center-->Size The media center reading room meets the size standard but there is no work room. | | | | |
| Suitability - MS->Media Center-->Storage/Fixed Equip The media center lacks low bookcases and flexible furniture. | | | | |
| Suitability - MS->Student Restrooms The restrooms lack good ventilation and urinal privacy panels. There is no ADA or unisex student restrooms. | | | | |
| Suitability - MS->Administration The administrative area has a small reception and conference room. There is no storage for materials. The environment is worn and dated. | | | | |
| Suitability - MS->Counseling The counseling area lacks a fire proof records room. The environment is worn and dated. | | | | |
| Suitability - MS->Clinic The clinic lacks an ADA accessible restroom. | | | | |
| Suitability - MS->Faculty Room The staff dining area and work room is small with no adjacent restroom. | | | | |
| Suitability - MS->Cafeteria The cafeteria lacks storage. | | | | |

| Suitability | Rating | Score | Possible Score | Percent Score |
|---|--------|-------|----------------|---------------|
| Suitability - MS->Food Service and Prep The food service area lacks visual contact with the delivery door area. The space is small. | | | | |
| Suitability - MS->Custodial and Maintenance The custodial area lacks a receiving room. The custodial closets lack shelving for storage. | | | | |
| Suitability - MS->Outside-->Vehicular Traffic The parent pick-up lane is not located near an entrance. There is a lack of staging area for traffic during the drop off and pick up times causing congestion of the public street. | | | | |
| Suitability - MS->Outside-->Pedestrian Traffic Pedestrians must cross through congested traffic lanes. | | | | |
| Suitability - MS->Outside-->Parking There is not sufficient parking for staff, visitors and events. | | | | |
| Suitability - MS->Outside-->Athletic Courts and Fields There is no hard surface court. | | | | |
| Suitability - MS->Safety and Security-->Fencing The site is open. | | | | |
| Suitability - MS->Safety and Security-->Signage & Way Finding The school lacks sufficient way finding signage. | | | | |
| Suitability - MS->Safety and Security-->Ease of Supervision The building configuration make it difficult for supervision. There are no interior security cameras and too few outside. The school alarm systems are not integrated with the attached town building systems. | | | | |
| Suitability - MS->Safety and Security-->Controlled Entrances There is no security vestibule. | | | | |

Suitability Report - Full

| | | |
|---------------------------|-------------------|-----------------|
| Project #: 7698 | County: Essex | Site #: 0350 |
| Project: Assessments 2016 | Region: 9 | Site: West MS |
| Grade Config: 6-8 | Site Type: Middle | Site Size: 0.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|-------------------------------------|--------|-------|----------------|---------------|
| Suitability - MS | | | | |
| Learning Environment | | | | |
| Learning Style Variety | Poor | 2.50 | 5.00 | 50.00 |
| Interior Environment | Fair | 1.30 | 2.00 | 65.00 |
| Exterior Environment | Good | 1.20 | 1.50 | 80.00 |
| General Classrooms | | | | |
| Environment | Good | 3.12 | 3.90 | 80.00 |
| Size | Poor | 4.88 | 9.75 | 50.00 |
| Location | Excel | 2.93 | 2.93 | 100.00 |
| Storage/Fixed Equip | Poor | 1.46 | 2.93 | 50.00 |
| Self-Contained Special Ed | | | | |
| Environment | Excel | 0.55 | 0.55 | 100.00 |
| Size | Excel | 1.36 | 1.36 | 100.00 |
| Location | Excel | 0.41 | 0.41 | 100.00 |
| Storage/Fixed Equip | Good | 0.33 | 0.41 | 80.00 |
| Instructional Resource Rooms | | | | |
| Environment | Fair | 0.53 | 0.82 | 65.00 |
| Size | Poor | 1.02 | 2.05 | 50.00 |
| Location | Excel | 0.61 | 0.61 | 100.00 |
| Storage/Fixed Equip | Poor | 0.31 | 0.61 | 50.00 |
| Science | | | | |
| Environment | Good | 0.76 | 0.95 | 80.00 |
| Size | Poor | 1.19 | 2.39 | 50.00 |
| Location | Excel | 0.72 | 0.72 | 100.00 |
| Storage/Fixed Equip | Excel | 0.72 | 0.72 | 100.00 |
| Music | | | | |
| Environment | Fair | 0.48 | 0.74 | 65.00 |
| Size | Poor | 0.92 | 1.84 | 50.00 |
| Location | Excel | 0.55 | 0.55 | 100.00 |
| Storage/Fixed Equip | Fair | 0.36 | 0.55 | 65.00 |
| Visual Arts Classrooms | | | | |
| Environment | Good | 0.52 | 0.65 | 80.00 |
| Size | Poor | 0.81 | 1.61 | 50.00 |
| Location | Excel | 0.48 | 0.48 | 100.00 |
| Storage/Fixed Equip | Good | 0.39 | 0.48 | 80.00 |
| Innovation Lab | | | | |
| Environment | Excel | 1.35 | 1.35 | 100.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|----------------------------------|--------|--------------|----------------|---------------|
| Size | Excel | 3.37 | 3.37 | 100.00 |
| Location | Excel | 1.01 | 1.01 | 100.00 |
| Storage/Fixed Equip | Excel | 1.01 | 1.01 | 100.00 |
| Computer Labs | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| P.E. | | | | |
| Environment | Poor | 1.20 | 2.40 | 50.00 |
| Size | Poor | 3.00 | 6.00 | 50.00 |
| Location | Excel | 1.80 | 1.80 | 100.00 |
| Storage/Fixed Equip | Excel | 1.80 | 1.80 | 100.00 |
| Performing Arts | | | | |
| Environment | Fair | 0.27 | 0.42 | 65.00 |
| Size | Excel | 1.05 | 1.05 | 100.00 |
| Location | Excel | 0.31 | 0.31 | 100.00 |
| Storage/Fixed Equip | Good | 0.25 | 0.31 | 80.00 |
| Media Center | | | | |
| Environment | Fair | 0.60 | 0.93 | 65.00 |
| Size | Poor | 1.16 | 2.32 | 50.00 |
| Location | Excel | 0.70 | 0.70 | 100.00 |
| Storage/Fixed Equip | Good | 0.56 | 0.70 | 80.00 |
| Student Restrooms | Good | 0.74 | 0.93 | 80.00 |
| Administration | Good | 1.28 | 1.60 | 80.00 |
| Counseling | Excel | 0.42 | 0.42 | 100.00 |
| Parent Room | (N/A) | 0.00 | 0.00 | 0.00 |
| Clinic | Good | 0.27 | 0.34 | 80.00 |
| Faculty Room | Excel | 0.91 | 0.91 | 100.00 |
| Cafeteria | Good | 3.20 | 4.00 | 80.00 |
| Food Service and Prep | Excel | 5.72 | 5.72 | 100.00 |
| Custodial and Maintenance | Fair | 0.33 | 0.50 | 65.00 |
| Outside | | | | |
| Vehicular Traffic | Poor | 2.00 | 4.00 | 50.00 |
| Pedestrian Traffic | Poor | 0.22 | 0.43 | 50.00 |
| Parking | Poor | 0.43 | 0.86 | 50.00 |
| Athletic Courts and Fields | Good | 0.84 | 1.05 | 80.00 |
| Safety and Security | | | | |
| Fencing | Fair | 0.50 | 0.78 | 65.00 |
| Signage & Way Finding | Good | 0.80 | 1.00 | 80.00 |
| Ease of Supervision | Good | 2.40 | 3.00 | 80.00 |
| Controlled Entrances | Excel | 0.50 | 0.50 | 100.00 |
| Total For Site: | | 70.39 | 98.00 | 71.83 |

Comments

| Suitability | Rating | Score | Possible Score | Percent Score |
|---|--------|-------|----------------|---------------|
| Suitability - MS | | | | |
| West Middle School serves students in grades 6-8, and encourages active learning by students and adults. Teachers are mentors and models for students, inspiring lifelong learning. The intellectual, physical, social, emotional, and moral development of 10 to 14-year-olds is the focus of the school's activities. | | | | |
| Suitability - MS->Learning Environment-->Learning Style Variety | | | | |
| All rooms are below the size standard, and there is no AC in the building, resulting in rooms being uncomfortably warm during early fall and late spring. | | | | |
| Suitability - MS->Learning Environment-->Interior Environment | | | | |
| Climate control is not adequate. | | | | |
| Suitability - MS->Learning Environment-->Exterior Environment | | | | |
| The school has outdoor space available to be used as a learning lab and social gathering place, but the space is not currently used for those purposes. | | | | |
| Suitability - MS->General Classrooms-->Size | | | | |
| Fewer than 50% of classes meet the size standard. | | | | |
| Suitability - MS->General Classrooms-->Storage/Fixed Equip | | | | |
| Storage was very limited and insufficient. | | | | |
| Suitability - MS->Instructional Resource Rooms-->Environment | | | | |
| Spatial configuration was less than ideal. | | | | |
| Suitability - MS->Instructional Resource Rooms-->Size | | | | |
| Classrooms failed to meet the size standard. | | | | |
| Suitability - MS->Instructional Resource Rooms-->Storage/Fixed Equip | | | | |
| Storage was very limited and insufficient. | | | | |
| Suitability - MS->Science-->Size | | | | |
| None of the science labs meet the size requirements. | | | | |
| Suitability - MS->Music-->Environment | | | | |
| There is no band room (band classes meet on the stage); the chorus room doubles as a lecture hall. | | | | |
| Suitability - MS->Music-->Size | | | | |
| None of the music spaces meet the size requirements. | | | | |
| Suitability - MS->Music-->Storage/Fixed Equip | | | | |
| Piano is permanently on the floor of the auditorium because there is no other storage. Space in the keyboarding room is very limited. | | | | |
| Suitability - MS->Visual Arts Classrooms-->Size | | | | |
| Classroom failed to meet the size standard. | | | | |
| Suitability - MS->P.E.-->Environment | | | | |
| Climate control is not adequate. | | | | |
| Suitability - MS->P.E.-->Size | | | | |
| Did not meet size requirements. | | | | |
| Suitability - MS->Performing Arts-->Environment | | | | |
| Spatial configuration was less than ideal. | | | | |
| Suitability - MS->Media Center-->Environment | | | | |
| Less than adequate spatial separation into separate working zones (e.g., research, reading, instruction, etc.). | | | | |
| Suitability - MS->Media Center-->Size | | | | |
| The media center failed to meet the size standard. | | | | |

Project #: 7698

County: Essex

Site #: 0350
APPENDIX C BASYS Reports

Project: Assessments 2016

Region: 9

Site: West MS

Grade Config: 6-8

Site Type: Middle

Site Size: 0.00

| Suitability | Rating | Score | Possible Score | Percent Score |
|---|--------|-------|----------------|---------------|
| Suitability - MS->Clinic There is no shower. | | | | |
| Suitability - MS->Custodial and Maintenance The custodial closets lack sufficient shelving for storage and there is insufficient receiving area. | | | | |
| Suitability - MS->Outside-->Vehicular Traffic There is a lack of staging area for traffic during the drop off and pick up times causing congestion of the public street. | | | | |
| Suitability - MS->Outside-->Pedestrian Traffic The congested site causes problems for pedestrian, vehicular traffic and parking. | | | | |
| Suitability - MS->Outside-->Parking The congested site causes problems for pedestrian, vehicular traffic and parking. | | | | |
| Suitability - MS->Safety and Security-->Fencing The site is not fenced in. | | | | |
| Suitability - MS->Safety and Security-->Ease of Supervision The building has a few hiding spaces. | | | | |

Suitability Report - Full

| | | |
|---------------------------|-------------------|-------------------|
| Project #: 7698 | County: Essex | Site #: 0004 |
| Project: Assessments 2016 | Region: 9 | Site: Woodhill MS |
| Grade Config: 6-8 | Site Type: Middle | Site Size: 37.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|-------------------------------------|--------|-------|----------------|---------------|
| Suitability - MS | | | | |
| Learning Environment | | | | |
| Learning Style Variety | Excel | 5.00 | 5.00 | 100.00 |
| Interior Environment | Excel | 2.00 | 2.00 | 100.00 |
| Exterior Environment | Excel | 1.50 | 1.50 | 100.00 |
| General Classrooms | | | | |
| Environment | Excel | 3.90 | 3.90 | 100.00 |
| Size | Poor | 4.88 | 9.75 | 50.00 |
| Location | Excel | 2.93 | 2.93 | 100.00 |
| Storage/Fixed Equip | Excel | 2.93 | 2.93 | 100.00 |
| Self-Contained Special Ed | | | | |
| Environment | Excel | 0.55 | 0.55 | 100.00 |
| Size | Poor | 0.68 | 1.36 | 50.00 |
| Location | Excel | 0.41 | 0.41 | 100.00 |
| Storage/Fixed Equip | Excel | 0.41 | 0.41 | 100.00 |
| Instructional Resource Rooms | | | | |
| Environment | Excel | 0.82 | 0.82 | 100.00 |
| Size | Good | 1.64 | 2.05 | 80.00 |
| Location | Excel | 0.61 | 0.61 | 100.00 |
| Storage/Fixed Equip | Excel | 0.61 | 0.61 | 100.00 |
| Science | | | | |
| Environment | Excel | 0.95 | 0.95 | 100.00 |
| Size | Poor | 1.19 | 2.39 | 50.00 |
| Location | Excel | 0.72 | 0.72 | 100.00 |
| Storage/Fixed Equip | Excel | 0.72 | 0.72 | 100.00 |
| Music | | | | |
| Environment | Good | 0.59 | 0.74 | 80.00 |
| Size | Poor | 0.92 | 1.84 | 50.00 |
| Location | Excel | 0.55 | 0.55 | 100.00 |
| Storage/Fixed Equip | Excel | 0.55 | 0.55 | 100.00 |
| Visual Arts Classrooms | | | | |
| Environment | Excel | 0.65 | 0.65 | 100.00 |
| Size | Poor | 0.81 | 1.61 | 50.00 |
| Location | Excel | 0.48 | 0.48 | 100.00 |
| Storage/Fixed Equip | Good | 0.39 | 0.48 | 80.00 |
| Innovation Lab | | | | |
| Environment | Excel | 1.35 | 1.35 | 100.00 |

Project #: 7698

County: Essex

Site #: 0004
APPENDIX C BASYS Reports

Project: Assessments 2016

Region: 9

Site: Woodhill MS

Grade Config: 6-8

Site Type: Middle

Site Size: 37.00

| Suitability | Rating | Score | Possible Score | Percent Score |
|----------------------------------|--------|--------------|----------------|---------------|
| Size | Excel | 3.37 | 3.37 | 100.00 |
| Location | Excel | 1.01 | 1.01 | 100.00 |
| Storage/Fixed Equip | Excel | 1.01 | 1.01 | 100.00 |
| Computer Labs | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| P.E. | | | | |
| Environment | Excel | 2.40 | 2.40 | 100.00 |
| Size | Excel | 6.00 | 6.00 | 100.00 |
| Location | Excel | 1.80 | 1.80 | 100.00 |
| Storage/Fixed Equip | Fair | 1.17 | 1.80 | 65.00 |
| Performing Arts | | | | |
| Environment | Excel | 0.42 | 0.42 | 100.00 |
| Size | Excel | 1.05 | 1.05 | 100.00 |
| Location | Excel | 0.31 | 0.31 | 100.00 |
| Storage/Fixed Equip | Excel | 0.31 | 0.31 | 100.00 |
| Media Center | | | | |
| Environment | Excel | 0.93 | 0.93 | 100.00 |
| Size | Good | 1.86 | 2.32 | 80.00 |
| Location | Excel | 0.70 | 0.70 | 100.00 |
| Storage/Fixed Equip | Excel | 0.70 | 0.70 | 100.00 |
| Student Restrooms | Excel | 0.93 | 0.93 | 100.00 |
| Administration | Excel | 1.60 | 1.60 | 100.00 |
| Counseling | Excel | 0.42 | 0.42 | 100.00 |
| Parent Room | (N/A) | 0.00 | 0.00 | 0.00 |
| Clinic | Fair | 0.22 | 0.34 | 65.00 |
| Faculty Room | Fair | 0.59 | 0.91 | 65.00 |
| Cafeteria | Excel | 4.00 | 4.00 | 100.00 |
| Food Service and Prep | Excel | 5.72 | 5.72 | 100.00 |
| Custodial and Maintenance | Fair | 0.33 | 0.50 | 65.00 |
| Outside | | | | |
| Vehicular Traffic | Fair | 2.60 | 4.00 | 65.00 |
| Pedestrian Traffic | Poor | 0.22 | 0.43 | 50.00 |
| Parking | Fair | 0.56 | 0.86 | 65.00 |
| Athletic Courts and Fields | Excel | 1.05 | 1.05 | 100.00 |
| Safety and Security | | | | |
| Fencing | Fair | 0.50 | 0.78 | 65.00 |
| Signage & Way Finding | Excel | 1.00 | 1.00 | 100.00 |
| Ease of Supervision | Excel | 3.00 | 3.00 | 100.00 |
| Controlled Entrances | Excel | 0.50 | 0.50 | 100.00 |
| Total For Site: | | 84.98 | 98.00 | 86.71 |

Comments

| Suitability | Rating | Score | Possible Score | Percent Score |
|---|--------|-------|----------------|---------------|
| Suitability - MS | | | | |
| Wood Hill MS recently celebrated its thirteenth anniversary as a middle school in Andover. It serves students in grades 6-8. Built in 2002, Wood Hill occupies space adjacent to High Plain Elementary School on over 60 acres in West Andover. The unique physical relationship of the two schools was consciously created to allow the two schools to share some common use facility space. | | | | |
| Suitability - MS->General Classrooms-->Size | | | | |
| Classrooms failed to meet the size standard. | | | | |
| Suitability - MS->Self-Contained Special Ed-->Size | | | | |
| Classrooms failed to meet the size standard. | | | | |
| Suitability - MS->Science-->Size | | | | |
| Classrooms failed to meet the size standard. | | | | |
| Suitability - MS->Music-->Size | | | | |
| Classrooms failed to meet the size standard. | | | | |
| Suitability - MS->Visual Arts Classrooms-->Size | | | | |
| Classrooms failed to meet the size standard. | | | | |
| Suitability - MS->Computer Labs-->Size | | | | |
| The school has distributed computers throughout the building and does not have a committed computer lab. | | | | |
| Suitability - MS->P.E.-->Storage/Fixed Equip | | | | |
| Storage is limited. | | | | |
| Suitability - MS->Clinic | | | | |
| The clinic is too small. | | | | |
| Suitability - MS->Faculty Room | | | | |
| The faculty room is too small and is used for other purposes. | | | | |
| Suitability - MS->Custodial and Maintenance | | | | |
| The custodial closets lack sufficient shelving for storage and there is insufficient receiving area. | | | | |
| Suitability - MS->Outside-->Vehicular Traffic | | | | |
| There is a lack of staging area for traffic during the drop off and pick up times causing congestion of the public street. | | | | |
| Suitability - MS->Outside-->Pedestrian Traffic | | | | |
| Students must cross traffic lanes to access playground. | | | | |
| Suitability - MS->Outside-->Parking | | | | |
| There is insufficient parking. | | | | |
| Suitability - MS->Safety and Security-->Fencing | | | | |
| Site is not fenced in. | | | | |

Suitability Report - Full

| | | |
|---------------------------|-----------------|------------------|
| Project #: 7698 | County: Essex | Site #: 0505 |
| Project: Assessments 2016 | Region: 9 | Site: Andover HS |
| Grade Config: 9-12 | Site Type: High | Site Size: 88.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|-------------------------------------|--------|-------|----------------|---------------|
| Suitability - HS | | | | |
| Learning Environment | | | | |
| Learning Style Variety | Good | 4.00 | 5.00 | 80.00 |
| Interior Environment | Good | 1.60 | 2.00 | 80.00 |
| Exterior Environment | Excel | 1.50 | 1.50 | 100.00 |
| General Classrooms | | | | |
| Environment | Good | 3.12 | 3.90 | 80.00 |
| Size | Poor | 4.88 | 9.75 | 50.00 |
| Location | Excel | 2.93 | 2.93 | 100.00 |
| Storage/Fixed Equip | Fair | 1.90 | 2.93 | 65.00 |
| Self-Contained Special Ed | | | | |
| Environment | Fair | 0.35 | 0.53 | 65.00 |
| Size | Fair | 0.87 | 1.33 | 65.00 |
| Location | Good | 0.32 | 0.40 | 80.00 |
| Storage/Fixed Equip | Fair | 0.26 | 0.40 | 65.00 |
| Instructional Resource Rooms | | | | |
| Environment | Good | 0.64 | 0.80 | 80.00 |
| Size | Poor | 1.00 | 2.00 | 50.00 |
| Location | Excel | 0.60 | 0.60 | 100.00 |
| Storage/Fixed Equip | Fair | 0.39 | 0.60 | 65.00 |
| Science | | | | |
| Environment | Good | 0.66 | 0.83 | 80.00 |
| Size | Fair | 1.35 | 2.07 | 65.00 |
| Location | Excel | 0.62 | 0.62 | 100.00 |
| Storage/Fixed Equip | Fair | 0.40 | 0.62 | 65.00 |
| Music | | | | |
| Environment | Good | 0.48 | 0.59 | 80.00 |
| Size | Good | 1.19 | 1.48 | 80.00 |
| Location | Excel | 0.45 | 0.45 | 100.00 |
| Storage/Fixed Equip | Fair | 0.29 | 0.45 | 65.00 |
| Visual Arts Classrooms | | | | |
| Environment | Good | 0.53 | 0.67 | 80.00 |
| Size | Good | 1.33 | 1.66 | 80.00 |
| Location | Excel | 0.50 | 0.50 | 100.00 |
| Storage/Fixed Equip | Fair | 0.32 | 0.50 | 65.00 |
| Innovation Lab | | | | |
| Environment | Excel | 1.71 | 1.71 | 100.00 |

Project #: 7698

County: Essex

Site #: 0505
APPENDIX C BASYS Reports

Project: Assessments 2016

Region: 9

Site: Andover HS

Grade Config: 9-12

Site Type: High

Site Size: 88.00

| Suitability | Rating | Score | Possible Score | Percent Score |
|----------------------------------|--------|--------------|----------------|---------------|
| Size | Excel | 4.27 | 4.27 | 100.00 |
| Location | Excel | 1.28 | 1.28 | 100.00 |
| Storage/Fixed Equip | Fair | 0.83 | 1.28 | 65.00 |
| Computer Labs | | | | |
| Environment | Good | 0.24 | 0.30 | 80.00 |
| Size | Good | 0.60 | 0.75 | 80.00 |
| Location | Excel | 0.23 | 0.23 | 100.00 |
| Storage/Fixed Equip | Fair | 0.15 | 0.23 | 65.00 |
| P.E. | | | | |
| Environment | Excel | 2.40 | 2.40 | 100.00 |
| Size | Excel | 6.00 | 6.00 | 100.00 |
| Location | Excel | 1.80 | 1.80 | 100.00 |
| Storage/Fixed Equip | Fair | 1.17 | 1.80 | 65.00 |
| Performing Arts | | | | |
| Environment | Excel | 0.32 | 0.32 | 100.00 |
| Size | Excel | 0.80 | 0.80 | 100.00 |
| Location | Excel | 0.24 | 0.24 | 100.00 |
| Storage/Fixed Equip | Fair | 0.16 | 0.24 | 65.00 |
| Media Center | | | | |
| Environment | Good | 0.67 | 0.84 | 80.00 |
| Size | Good | 1.69 | 2.11 | 80.00 |
| Location | Excel | 0.63 | 0.63 | 100.00 |
| Storage/Fixed Equip | Fair | 0.41 | 0.63 | 65.00 |
| Student Restrooms | Fair | 0.59 | 0.91 | 65.00 |
| Administration | Good | 1.69 | 2.11 | 80.00 |
| Counseling | Excel | 0.76 | 0.76 | 100.00 |
| Parent Room | (N/A) | 0.00 | 0.00 | 0.00 |
| Clinic | Excel | 0.24 | 0.24 | 100.00 |
| Faculty Room | Excel | 0.71 | 0.71 | 100.00 |
| Cafeteria | Fair | 2.60 | 4.00 | 65.00 |
| Food Service and Prep | Poor | 2.55 | 5.11 | 50.00 |
| Custodial and Maintenance | Fair | 0.33 | 0.50 | 65.00 |
| Outside | | | | |
| Vehicular Traffic | Fair | 0.65 | 1.00 | 65.00 |
| Pedestrian Traffic | Fair | 0.64 | 0.98 | 65.00 |
| Parking | Fair | 1.37 | 2.11 | 65.00 |
| Athletic Courts and Fields | Excel | 2.77 | 2.77 | 100.00 |
| Safety and Security | | | | |
| Fencing | Poor | 0.42 | 0.85 | 50.00 |
| Signage & Way Finding | Excel | 1.00 | 1.00 | 100.00 |
| Ease of Supervision | Fair | 1.95 | 3.00 | 65.00 |
| Controlled Entrances | Fair | 0.33 | 0.50 | 65.00 |
| Total For Site: | | 76.65 | 99.50 | 77.03 |

Comments

| Suitability | Rating | Score | Possible Score | Percent Score |
|---|--------|-------|----------------|---------------|
| Suitability - HS | | | | |
| Andover High School is a nationally recognized school, committed to providing students with the knowledge, skills, and qualities necessary to be successful in a diverse society. The school serves grades 9 through 12, and provides a wide array of academic and extracurricular programs designed to meet the needs of every student and to prepare them for life in the 21st Century. | | | | |
| Suitability - HS->General Classrooms-->Size | | | | |
| Classrooms failed to meet the size standard. | | | | |
| Suitability - HS->General Classrooms-->Storage/Fixed Equip | | | | |
| The storage space as originally designed does not meet the current use of the space. | | | | |
| Suitability - HS->Self-Contained Special Ed-->Environment | | | | |
| Several rooms had no windows/natural lighting. | | | | |
| Suitability - HS->Self-Contained Special Ed-->Size | | | | |
| Several rooms did not meet the size standards. | | | | |
| Suitability - HS->Self-Contained Special Ed-->Storage/Fixed Equip | | | | |
| The storage space as originally designed does not meet the current use of the space. | | | | |
| Suitability - HS->Instructional Resource Rooms-->Storage/Fixed Equip | | | | |
| The storage space as originally designed does not meet the current use of the space. | | | | |
| Suitability - HS->Science-->Size | | | | |
| Classroom and lab spaces did not consistently meet the size standard. | | | | |
| Suitability - HS->Science-->Storage/Fixed Equip | | | | |
| The storage space as originally designed does not meet the current use of the space. | | | | |
| Suitability - HS->Music-->Storage/Fixed Equip | | | | |
| The storage space as originally designed does not meet the current use of the space. | | | | |
| Suitability - HS->Visual Arts Classrooms-->Storage/Fixed Equip | | | | |
| The storage space as originally designed does not meet the current use of the space. | | | | |
| Suitability - HS->Innovation Lab-->Storage/Fixed Equip | | | | |
| The storage space as originally designed does not meet the current use of the space. | | | | |
| Suitability - HS->Computer Labs-->Storage/Fixed Equip | | | | |
| The storage space as originally designed does not meet the current use of the space. | | | | |
| Suitability - HS->P.E.-->Storage/Fixed Equip | | | | |
| The storage space as originally designed does not meet the current use of the space. | | | | |
| Suitability - HS->Performing Arts-->Storage/Fixed Equip | | | | |
| The storage space as originally designed does not meet the current use of the space. | | | | |
| Suitability - HS->Media Center-->Storage/Fixed Equip | | | | |
| The storage space as originally designed does not meet the current use of the space. | | | | |
| Suitability - HS->Student Restrooms | | | | |
| Restroom fixtures are worn and spaces are aesthetically inadequate. | | | | |
| Suitability - HS->Administration | | | | |
| Administrative space (main office) location on the second floor presents a security issue with main entrance on the first floor. | | | | |
| Suitability - HS->Cafeteria | | | | |
| The cafeteria has a central staircase that cuts the square footage and is undersized for the total school population. | | | | |

| Suitability | Rating | Score | Possible Score | Percent Score |
|---|--------|-------|----------------|---------------|
| Suitability - HS->Food Service and Prep Kitchen is undersized for the number of daily meal preps required for the school's enrollment. | | | | |
| Suitability - HS->Custodial and Maintenance Custodial closets are undersize and do not provide sufficient space to store equipment and cleaning supplies. | | | | |
| Suitability - HS->Outside-->Vehicular Traffic There is not sufficient staging area on campus and cars back up into the street during student drop off and pick up. | | | | |
| Suitability - HS->Outside-->Pedestrian Traffic Students have to park off-campus due to insufficient parking space and walk ways leading to the school are not in good condition. | | | | |
| Suitability - HS->Outside-->Parking There is insufficient space for student parking. | | | | |
| Suitability - HS->Safety and Security-->Fencing The campus is completely open with no fenced, secured access. | | | | |
| Suitability - HS->Safety and Security-->Ease of Supervision While the school has internal and exterior cameras, the school still has unsecured blind spots (e.g., stairwells, end of hallways). | | | | |
| Suitability - HS->Safety and Security-->Controlled Entrances With the main office on the 2nd floor, the guard at the main entrance cannot see if visitors actually report directly to the main office. | | | | |

Suitability Report - Full

| | | |
|---------------------------|-----------------|--------------------------------|
| Project #: 7698 | County: Essex | Site #: T-1 |
| Project: Assessments 2016 | Region: 9 | Site: Ballardvale Fire station |
| Grade Config: | Site Type: Town | Site Size: 0.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|-----------------------------------|--------|-------|----------------|---------------|
| Functionality Fire Station | | | | |
| General Environment | | | | |
| Interior Environment | Poor | 2.50 | 5.00 | 50.00 |
| Exterior Environment | Poor | 2.50 | 5.00 | 50.00 |
| Entry/Reception | | | | |
| Environment | Unsat | 0.00 | 0.40 | 0.00 |
| Size | Unsat | 0.00 | 1.00 | 0.00 |
| Location | Good | 0.24 | 0.30 | 80.00 |
| Storage/Fixed Equip | Unsat | 0.00 | 0.30 | 0.00 |
| Staff Offices | | | | |
| Environment | Unsat | 0.00 | 1.00 | 0.00 |
| Size | Unsat | 0.00 | 2.50 | 0.00 |
| Location | Unsat | 0.00 | 0.75 | 0.00 |
| Storage/Fixed Equip | Unsat | 0.00 | 0.75 | 0.00 |
| Watch Room/Dispatch | | | | |
| Environment | Unsat | 0.00 | 1.00 | 0.00 |
| Size | Unsat | 0.00 | 2.50 | 0.00 |
| Location | Unsat | 0.00 | 0.75 | 0.00 |
| Storage/Fixed Equip | Unsat | 0.00 | 0.75 | 0.00 |
| Day Room | | | | |
| Environment | Poor | 0.50 | 1.00 | 50.00 |
| Size | Poor | 1.25 | 2.50 | 50.00 |
| Location | Good | 0.60 | 0.75 | 80.00 |
| Storage/Fixed Equip | Poor | 0.38 | 0.75 | 50.00 |
| Dormitory Rooms | | | | |
| Environment | Fair | 1.95 | 3.00 | 65.00 |
| Size | Fair | 4.88 | 7.50 | 65.00 |
| Location | Good | 1.80 | 2.25 | 80.00 |
| Storage/Fixed Equip | Poor | 1.13 | 2.25 | 50.00 |
| Vehicle Bay/Garage | | | | |
| Environment | Unsat | 0.00 | 6.00 | 0.00 |
| Size | Unsat | 0.00 | 15.00 | 0.00 |
| Location | Good | 3.60 | 4.50 | 80.00 |
| Storage/Fixed Equip | Unsat | 0.00 | 4.50 | 0.00 |
| Storage | | | | |
| Environment | Poor | 1.00 | 2.00 | 50.00 |
| Size | Poor | 2.50 | 5.00 | 50.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|------------------------|--------|--------------|----------------|---------------|
| Location | Fair | 0.98 | 1.50 | 65.00 |
| Storage/Fixed Equip | Poor | 0.75 | 1.50 | 50.00 |
| Other1 | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Other2 | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Restrooms | | | | |
| Environment | Poor | 0.20 | 0.40 | 50.00 |
| Size | Poor | 0.50 | 1.00 | 50.00 |
| Location | Good | 0.24 | 0.30 | 80.00 |
| Storage/Fixed Equip | Fair | 0.20 | 0.30 | 65.00 |
| Custodial | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Traffic | | | | |
| Vehicular Traffic | Poor | 1.25 | 2.50 | 50.00 |
| Pedestrian Traffic | Poor | 0.63 | 1.25 | 50.00 |
| Parking | Poor | 0.63 | 1.25 | 50.00 |
| Safety | | | | |
| Fencing | Poor | 0.50 | 1.00 | 50.00 |
| Signage & Way Finding | Poor | 0.50 | 1.00 | 50.00 |
| Ease of Supervision | Poor | 1.25 | 2.50 | 50.00 |
| Controlled Entrances | Poor | 0.25 | 0.50 | 50.00 |
| Total For Site: | | 32.68 | 94.00 | 34.76 |

Comments

Functionality Fire Station->General Environment-->Interior Environment

The interior of the building is in poor condition, and lacks appropriate lighting both natural and artificial. The overall aesthetic appeal of the building interior is unsatisfactory. The building lacks the appropriate spaces such as a modern kitchen, restrooms, sleeping quarters, or public reception/meeting areas.

Functionality Fire Station->General Environment-->Exterior Environment

The exterior of the building is in very poor condition. The parking is limited, and the sidewalks are a significant safety hazard.

Functionality Fire Station->Entry/Reception-->Environment

The interior of the building meets none of the environmental standards set forth in the guidelines for a building of this type.

| Suitability | Rating | Score | Possible Score | Percent Score |
|---|--------|-------|----------------|---------------|
| Functionality Fire Station->Entry/Reception-->Size The building does not meet the size standards for a building of this type. | | | | |
| Functionality Fire Station->Entry/Reception-->Storage/Fixed Equip The interior of the building does not meet the storage standards for a building of this type. | | | | |
| Functionality Fire Station->Staff Offices-->Environment There are no staff offices in the building. | | | | |
| Functionality Fire Station->Staff Offices-->Size There are no staff offices in the building. | | | | |
| Functionality Fire Station->Staff Offices-->Location There are no staff offices in the building. | | | | |
| Functionality Fire Station->Staff Offices-->Storage/Fixed Equip There are no staff offices in the building. | | | | |
| Functionality Fire Station->Watch Room/Dispatch-->Environment There is not a watch room / dispatch area in the building. | | | | |
| Functionality Fire Station->Watch Room/Dispatch-->Size There is not a watch room / dispatch area in the building. | | | | |
| Functionality Fire Station->Watch Room/Dispatch-->Location There is not a watch room / dispatch area in the building. | | | | |
| Functionality Fire Station->Watch Room/Dispatch-->Storage/Fixed Equip There is not a watch room / dispatch area in the building. | | | | |
| Functionality Fire Station->Day Room-->Environment The day room consists of furniture, kitchen equipment, lighting fixtures, flooring and surface materials that are old and in very poor condition. | | | | |
| Functionality Fire Station->Day Room-->Size The day room is not of sufficient size for a building of this type. | | | | |
| Functionality Fire Station->Day Room-->Storage/Fixed Equip There is very limited storage in the day room area. | | | | |
| Functionality Fire Station->Dormitory Rooms-->Environment The dormitory rooms are very small and close together with limited or no privacy. There is no acoustical separation between rooms. | | | | |
| Functionality Fire Station->Dormitory Rooms-->Size The dormitories are not the appropriate size for this type of building. | | | | |
| Functionality Fire Station->Dormitory Rooms-->Storage/Fixed Equip There is very limited storage in the dormitory area. | | | | |
| Functionality Fire Station->Vehicle Bay/Garage-->Environment The vehicle bay is in very poor condition and constitutes an immediate safety hazard. | | | | |
| Functionality Fire Station->Vehicle Bay/Garage-->Size The vehicle bay is not the appropriate size for a building of this type. | | | | |
| Functionality Fire Station->Vehicle Bay/Garage-->Storage/Fixed Equip There is no storage available in the vehicle bay. | | | | |
| Functionality Fire Station->Storage-->Environment The storage available is not appropriate or adequate for this type of building. | | | | |

| Suitability | Rating | Score | Possible Score | Percent Score |
|---|--------|-------|----------------|---------------|
| <p>Functionality Fire Station->Storage-->Size The size of the storage areas does not meet the space standard guidelines.</p> <p>Functionality Fire Station->Storage-->Location The available storage is not located in the correct areas of the building.</p> <p>Functionality Fire Station->Storage-->Storage/Fixed Equip The storage available is not appropriate or adequate for this type of building.</p> <p>Functionality Fire Station->Restrooms-->Environment The restrooms do not meet the current standards for a building of this type.</p> <p>Functionality Fire Station->Restrooms-->Size The restroom size is not adequate for a building of this type.</p> <p>Functionality Fire Station->Restrooms-->Storage/Fixed Equip There is very limited storage in the restroom areas.</p> <p>Functionality Fire Station->Traffic-->Vehicular Traffic There is not adequate parking for the facility. The emergency vehicles pose a risk to the general population when exiting the building under emergency conditions.</p> <p>Functionality Fire Station->Traffic-->Pedestrian Traffic The sidewalks and pedestrian areas are very limited in and around the building causing a safety hazard.</p> <p>Functionality Fire Station->Traffic-->Parking There is not adequate parking for staff and visitors at this site.</p> <p>Functionality Fire Station->Safety-->Fencing There is no perimeter fencing or protective fencing on this site.</p> <p>Functionality Fire Station->Safety-->Signage & Way Finding The is very limited signage to direct the public and /or visitors on and around this site.</p> <p>Functionality Fire Station->Safety-->Ease of Supervision The site and the interior of the building do not have any type of security protocols related to the supervision of the building.</p> <p>Functionality Fire Station->Safety-->Controlled Entrances There is no visitor gathering / reception area that controls access by the public to the site or interior of the building.</p> | | | | |

Suitability Report - Full

| | | |
|---------------------------|-----------------|---------------------|
| Project #: 7698 | County: Essex | Site #: T-5 |
| Project: Assessments 2016 | Region: 9 | Site: Public Safety |
| Grade Config: | Site Type: Town | Site Size: 2.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|------------------------------------|--------|-------|----------------|---------------|
| Functionality Public Safety | | | | |
| General Environment | | | | |
| Interior Environment | Good | 4.00 | 5.00 | 80.00 |
| Exterior Environment | Good | 4.00 | 5.00 | 80.00 |
| Entry/Reception | | | | |
| Environment | Excel | 0.60 | 0.60 | 100.00 |
| Size | Good | 1.20 | 1.50 | 80.00 |
| Location | Excel | 0.45 | 0.45 | 100.00 |
| Storage/Fixed Equip | Good | 0.36 | 0.45 | 80.00 |
| Executive Offices | | | | |
| Environment | Excel | 0.40 | 0.40 | 100.00 |
| Size | Excel | 1.00 | 1.00 | 100.00 |
| Location | Good | 0.24 | 0.30 | 80.00 |
| Storage/Fixed Equip | Good | 0.24 | 0.30 | 80.00 |
| Staff Offices | | | | |
| Environment | Good | 0.80 | 1.00 | 80.00 |
| Size | Good | 2.00 | 2.50 | 80.00 |
| Location | Good | 0.60 | 0.75 | 80.00 |
| Storage/Fixed Equip | Good | 0.60 | 0.75 | 80.00 |
| Open Offices Areas | | | | |
| Environment | Good | 0.80 | 1.00 | 80.00 |
| Size | Good | 2.00 | 2.50 | 80.00 |
| Location | Good | 0.60 | 0.75 | 80.00 |
| Storage/Fixed Equip | Good | 0.60 | 0.75 | 80.00 |
| Conference Rooms | | | | |
| Environment | Excel | 0.40 | 0.40 | 100.00 |
| Size | Good | 0.80 | 1.00 | 80.00 |
| Location | Good | 0.24 | 0.30 | 80.00 |
| Storage/Fixed Equip | Good | 0.24 | 0.30 | 80.00 |
| Large Group Meeting Rooms | | | | |
| Environment | Excel | 1.00 | 1.00 | 100.00 |
| Size | Excel | 2.50 | 2.50 | 100.00 |
| Location | Excel | 0.75 | 0.75 | 100.00 |
| Storage/Fixed Equip | Good | 0.60 | 0.75 | 80.00 |
| Watch Room/Dispatch | | | | |
| Environment | Good | 0.48 | 0.60 | 80.00 |
| Size | Good | 1.20 | 1.50 | 80.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|---------------------------|--------|-------|----------------|---------------|
| Location | Good | 0.36 | 0.45 | 80.00 |
| Storage/Fixed Equip | Good | 0.36 | 0.45 | 80.00 |
| Dormitory Rooms | | | | |
| Environment | Good | 1.60 | 2.00 | 80.00 |
| Size | Good | 4.00 | 5.00 | 80.00 |
| Location | Good | 1.20 | 1.50 | 80.00 |
| Storage/Fixed Equip | Good | 1.20 | 1.50 | 80.00 |
| Staff Work Rooms | | | | |
| Environment | Good | 0.32 | 0.40 | 80.00 |
| Size | Good | 0.80 | 1.00 | 80.00 |
| Location | Good | 0.24 | 0.30 | 80.00 |
| Storage/Fixed Equip | Good | 0.24 | 0.30 | 80.00 |
| Vehicle Bay/Garage | | | | |
| Environment | Good | 0.48 | 0.60 | 80.00 |
| Size | Excel | 1.50 | 1.50 | 100.00 |
| Location | Good | 0.36 | 0.45 | 80.00 |
| Storage/Fixed Equip | Good | 0.36 | 0.45 | 80.00 |
| Storage | | | | |
| Environment | Good | 0.64 | 0.80 | 80.00 |
| Size | Fair | 1.30 | 2.00 | 65.00 |
| Location | Good | 0.48 | 0.60 | 80.00 |
| Storage/Fixed Equip | Good | 0.48 | 0.60 | 80.00 |
| Dedicated Storage | | | | |
| Environment | Good | 0.80 | 1.00 | 80.00 |
| Size | Good | 2.00 | 2.50 | 80.00 |
| Location | Good | 0.60 | 0.75 | 80.00 |
| Storage/Fixed Equip | Good | 0.60 | 0.75 | 80.00 |
| Shooting Range | | | | |
| Environment | Excel | 0.80 | 0.80 | 100.00 |
| Size | Excel | 2.00 | 2.00 | 100.00 |
| Location | Good | 0.48 | 0.60 | 80.00 |
| Storage/Fixed Equip | Good | 0.48 | 0.60 | 80.00 |
| Holding Cells | | | | |
| Environment | Good | 1.28 | 1.60 | 80.00 |
| Size | Good | 3.20 | 4.00 | 80.00 |
| Location | Good | 0.96 | 1.20 | 80.00 |
| Storage/Fixed Equip | Good | 0.96 | 1.20 | 80.00 |
| Locker Rooms | | | | |
| Environment | Good | 0.48 | 0.60 | 80.00 |
| Size | Good | 1.20 | 1.50 | 80.00 |
| Location | Good | 0.36 | 0.45 | 80.00 |
| Storage/Fixed Equip | Good | 0.36 | 0.45 | 80.00 |
| Gym | | | | |
| Environment | Good | 0.48 | 0.60 | 80.00 |
| Size | Excel | 1.50 | 1.50 | 100.00 |
| Location | Good | 0.36 | 0.45 | 80.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|----------------------------|--------|--------------|----------------|---------------|
| Storage/Fixed Equip | Good | 0.36 | 0.45 | 80.00 |
| Sally Port | | | | |
| Environment | Good | 0.48 | 0.60 | 80.00 |
| Size | Good | 1.20 | 1.50 | 80.00 |
| Location | Good | 0.36 | 0.45 | 80.00 |
| Storage/Fixed Equip | Good | 0.36 | 0.45 | 80.00 |
| Staff Lounge/Dining | | | | |
| Environment | Good | 0.32 | 0.40 | 80.00 |
| Size | Good | 0.80 | 1.00 | 80.00 |
| Location | Good | 0.24 | 0.30 | 80.00 |
| Storage/Fixed Equip | Good | 0.24 | 0.30 | 80.00 |
| Other1 | | | | |
| Environment | Good | 0.32 | 0.40 | 80.00 |
| Size | Good | 0.80 | 1.00 | 80.00 |
| Location | Good | 0.24 | 0.30 | 80.00 |
| Storage/Fixed Equip | Excel | 0.30 | 0.30 | 100.00 |
| Other2 | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Restrooms | | | | |
| Environment | Good | 0.32 | 0.40 | 80.00 |
| Size | Good | 0.80 | 1.00 | 80.00 |
| Location | Good | 0.24 | 0.30 | 80.00 |
| Storage/Fixed Equip | Good | 0.24 | 0.30 | 80.00 |
| Custodial | | | | |
| Environment | Good | 0.32 | 0.40 | 80.00 |
| Size | Good | 0.80 | 1.00 | 80.00 |
| Location | Good | 0.24 | 0.30 | 80.00 |
| Storage/Fixed Equip | Good | 0.24 | 0.30 | 80.00 |
| Traffic | | | | |
| Vehicular Traffic | Good | 2.00 | 2.50 | 80.00 |
| Pedestrian Traffic | Good | 1.00 | 1.25 | 80.00 |
| Parking | Fair | 0.81 | 1.25 | 65.00 |
| Safety | | | | |
| Fencing | Good | 0.80 | 1.00 | 80.00 |
| Signage & Way Finding | Good | 0.80 | 1.00 | 80.00 |
| Ease of Supervision | Good | 2.00 | 2.50 | 80.00 |
| Controlled Entrances | Good | 0.40 | 0.50 | 80.00 |
| Total For Site: | | 80.55 | 98.00 | 82.20 |

Comments

Project #: 7698

County: Essex

Site #: T-5
APPENDIX C BASYS Reports

Project: Assessments 2016

Region: 9

Site: Public Safety

Grade Config:

Site Type: Town

Site Size: 2.00

Suitability

Rating

Score

**Possible
Score**

**Percent
Score**

Functionality Public Safety->Storage-->Size

The archive record storage room is not adequate for the volume of records and the requirements of the record retention schedule.

Functionality Public Safety->Other1

Forensic Labs.

Functionality Public Safety->Traffic-->Parking

There is not sufficient parking for staff and visitors at the public safety building.

Suitability Report - Full

| | | |
|---------------------------|-----------------|-------------------------|
| Project #: 7698 | County: Essex | Site #: T-11 |
| Project: Assessments 2016 | Region: 9 | Site: West Fire station |
| Grade Config: | Site Type: Town | Site Size: 6.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|-----------------------------------|--------|-------|----------------|---------------|
| Functionality Fire Station | | | | |
| General Environment | | | | |
| Interior Environment | Good | 4.00 | 5.00 | 80.00 |
| Exterior Environment | Good | 4.00 | 5.00 | 80.00 |
| Entry/Reception | | | | |
| Environment | Fair | 0.26 | 0.40 | 65.00 |
| Size | Fair | 0.65 | 1.00 | 65.00 |
| Location | Good | 0.24 | 0.30 | 80.00 |
| Storage/Fixed Equip | Good | 0.24 | 0.30 | 80.00 |
| Staff Offices | | | | |
| Environment | Good | 0.80 | 1.00 | 80.00 |
| Size | Good | 2.00 | 2.50 | 80.00 |
| Location | Good | 0.60 | 0.75 | 80.00 |
| Storage/Fixed Equip | Good | 0.60 | 0.75 | 80.00 |
| Watch Room/Dispatch | | | | |
| Environment | Good | 0.80 | 1.00 | 80.00 |
| Size | Good | 2.00 | 2.50 | 80.00 |
| Location | Good | 0.60 | 0.75 | 80.00 |
| Storage/Fixed Equip | Good | 0.60 | 0.75 | 80.00 |
| Day Room | | | | |
| Environment | Good | 0.80 | 1.00 | 80.00 |
| Size | Fair | 1.63 | 2.50 | 65.00 |
| Location | Good | 0.60 | 0.75 | 80.00 |
| Storage/Fixed Equip | Poor | 0.38 | 0.75 | 50.00 |
| Dormitory Rooms | | | | |
| Environment | Poor | 1.50 | 3.00 | 50.00 |
| Size | Fair | 4.88 | 7.50 | 65.00 |
| Location | Fair | 1.46 | 2.25 | 65.00 |
| Storage/Fixed Equip | Fair | 1.46 | 2.25 | 65.00 |
| Vehicle Bay/Garage | | | | |
| Environment | Good | 4.80 | 6.00 | 80.00 |
| Size | Good | 12.00 | 15.00 | 80.00 |
| Location | Good | 3.60 | 4.50 | 80.00 |
| Storage/Fixed Equip | Good | 3.60 | 4.50 | 80.00 |
| Storage | | | | |
| Environment | Good | 1.60 | 2.00 | 80.00 |
| Size | Fair | 3.25 | 5.00 | 65.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|------------------------|--------|--------------|----------------|---------------|
| Location | Good | 1.20 | 1.50 | 80.00 |
| Storage/Fixed Equip | Fair | 0.98 | 1.50 | 65.00 |
| Other1 | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Other2 | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Restrooms | | | | |
| Environment | Poor | 0.20 | 0.40 | 50.00 |
| Size | Good | 0.80 | 1.00 | 80.00 |
| Location | Good | 0.24 | 0.30 | 80.00 |
| Storage/Fixed Equip | Fair | 0.20 | 0.30 | 65.00 |
| Custodial | | | | |
| Environment | Good | 0.32 | 0.40 | 80.00 |
| Size | Good | 0.80 | 1.00 | 80.00 |
| Location | Good | 0.24 | 0.30 | 80.00 |
| Storage/Fixed Equip | Good | 0.24 | 0.30 | 80.00 |
| Traffic | | | | |
| Vehicular Traffic | Good | 2.00 | 2.50 | 80.00 |
| Pedestrian Traffic | Good | 1.00 | 1.25 | 80.00 |
| Parking | Fair | 0.81 | 1.25 | 65.00 |
| Safety | | | | |
| Fencing | Good | 0.80 | 1.00 | 80.00 |
| Signage & Way Finding | Good | 0.80 | 1.00 | 80.00 |
| Ease of Supervision | Good | 2.00 | 2.50 | 80.00 |
| Controlled Entrances | Good | 0.40 | 0.50 | 80.00 |
| Total For Site: | | 71.96 | 96.00 | 74.96 |

Comments

Functionality Fire Station->Entry/Reception-->Environment

The entry / reception area does not have the right spatial configurations, appropriate natural light or acoustical separation from the rest of the building (fire station).

Functionality Fire Station->Entry/Reception-->Size

The entry / reception area does not meet size standards.

Functionality Fire Station->Day Room-->Size

The day room kitchen does not meet space size standards.

Functionality Fire Station->Day Room-->Storage/Fixed Equip

There is not sufficient storage in the day room areas.

| Suitability | Rating | Score | Possible Score | Percent Score |
|---|--------|-------|----------------|---------------|
| Functionality Fire Station->Dormitory Rooms-->Environment The dormitory rooms do not provide an inviting and stimulating environment. There is limited natural lighting, little or no acoustical treatment, and the overall aesthetics are poor. | | | | |
| Functionality Fire Station->Dormitory Rooms-->Size The dormitory rooms do not meet the space size standards. | | | | |
| Functionality Fire Station->Dormitory Rooms-->Location The dormitory rooms are located on the opposite side of the fire house away from the day room and watch room facilities. | | | | |
| Functionality Fire Station->Dormitory Rooms-->Storage/Fixed Equip There is limited storage in the dormitory rooms. | | | | |
| Functionality Fire Station->Storage-->Size There are some storage areas that are not sufficient to meet the needs of the operations. | | | | |
| Functionality Fire Station->Storage-->Storage/Fixed Equip There is not sufficient storage throughout the fire station. | | | | |
| Functionality Fire Station->Restrooms-->Environment There is not a women's restroom in the fire station. | | | | |
| Functionality Fire Station->Restrooms-->Storage/Fixed Equip There is not sufficient storage for supplies in the restrooms. | | | | |
| Functionality Fire Station->Traffic-->Parking There is limited public parking at the fire station. | | | | |

Suitability Report - Full

| | | |
|---------------------------|-----------------|--------------------------|
| Project #: 7698 | County: Essex | Site #: T-2 |
| Project: Assessments 2016 | Region: 9 | Site: Center at Punchard |
| Grade Config: | Site Type: Town | Site Size: 0.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|------------------------------------|--------|-------|----------------|---------------|
| Functionality Senior Center | | | | |
| General Environment | | | | |
| Interior Environment | Poor | 2.50 | 5.00 | 50.00 |
| Exterior Environment | Poor | 2.50 | 5.00 | 50.00 |
| Entry/Reception | | | | |
| Environment | Poor | 0.30 | 0.60 | 50.00 |
| Size | Poor | 0.75 | 1.50 | 50.00 |
| Location | Good | 0.36 | 0.45 | 80.00 |
| Storage/Fixed Equip | Poor | 0.23 | 0.45 | 50.00 |
| Executive Offices | | | | |
| Environment | Poor | 0.20 | 0.40 | 50.00 |
| Size | Poor | 0.50 | 1.00 | 50.00 |
| Location | Good | 0.24 | 0.30 | 80.00 |
| Storage/Fixed Equip | Poor | 0.15 | 0.30 | 50.00 |
| Staff Offices | | | | |
| Environment | Poor | 0.50 | 1.00 | 50.00 |
| Size | Poor | 1.25 | 2.50 | 50.00 |
| Location | Good | 0.60 | 0.75 | 80.00 |
| Storage/Fixed Equip | Poor | 0.38 | 0.75 | 50.00 |
| Open Offices Areas | | | | |
| Environment | Poor | 0.20 | 0.40 | 50.00 |
| Size | Poor | 0.50 | 1.00 | 50.00 |
| Location | Good | 0.24 | 0.30 | 80.00 |
| Storage/Fixed Equip | Poor | 0.15 | 0.30 | 50.00 |
| Conference Rooms | | | | |
| Environment | Poor | 0.30 | 0.60 | 50.00 |
| Size | Fair | 0.98 | 1.50 | 65.00 |
| Location | Good | 0.36 | 0.45 | 80.00 |
| Storage/Fixed Equip | Poor | 0.23 | 0.45 | 50.00 |
| Large Group Meeting Rooms | | | | |
| Environment | Poor | 1.30 | 2.60 | 50.00 |
| Size | Poor | 3.25 | 6.50 | 50.00 |
| Location | Good | 1.56 | 1.95 | 80.00 |
| Storage/Fixed Equip | Poor | 0.98 | 1.95 | 50.00 |
| Staff Work Rooms | | | | |
| Environment | Poor | 0.30 | 0.60 | 50.00 |
| Size | Poor | 0.75 | 1.50 | 50.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|----------------------|--------|-------|----------------|---------------|
| Location | Good | 0.36 | 0.45 | 80.00 |
| Storage/Fixed Equip | Poor | 0.23 | 0.45 | 50.00 |
| Activity Room | | | | |
| Environment | Poor | 1.50 | 3.00 | 50.00 |
| Size | Poor | 3.75 | 7.50 | 50.00 |
| Location | Good | 1.80 | 2.25 | 80.00 |
| Storage/Fixed Equip | Poor | 1.13 | 2.25 | 50.00 |
| Storage | | | | |
| Environment | Good | 0.32 | 0.40 | 80.00 |
| Size | Poor | 0.50 | 1.00 | 50.00 |
| Location | Good | 0.24 | 0.30 | 80.00 |
| Storage/Fixed Equip | Poor | 0.15 | 0.30 | 50.00 |
| Cafeteria | | | | |
| Environment | Poor | 1.20 | 2.40 | 50.00 |
| Size | Poor | 3.00 | 6.00 | 50.00 |
| Location | Good | 1.44 | 1.80 | 80.00 |
| Storage/Fixed Equip | Poor | 0.90 | 1.80 | 50.00 |
| Food Service | | | | |
| Environment | Fair | 1.56 | 2.40 | 65.00 |
| Size | Fair | 3.90 | 6.00 | 65.00 |
| Location | Good | 1.44 | 1.80 | 80.00 |
| Storage/Fixed Equip | Poor | 0.90 | 1.80 | 50.00 |
| Other1 | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Other2 | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Restrooms | | | | |
| Environment | Fair | 0.26 | 0.40 | 65.00 |
| Size | Fair | 0.65 | 1.00 | 65.00 |
| Location | Good | 0.24 | 0.30 | 80.00 |
| Storage/Fixed Equip | Good | 0.24 | 0.30 | 80.00 |
| Custodial | | | | |
| Environment | Good | 0.32 | 0.40 | 80.00 |
| Size | Good | 0.80 | 1.00 | 80.00 |
| Location | Good | 0.24 | 0.30 | 80.00 |
| Storage/Fixed Equip | Poor | 0.15 | 0.30 | 50.00 |
| Traffic | | | | |
| Vehicular Traffic | Poor | 1.25 | 2.50 | 50.00 |
| Pedestrian Traffic | Fair | 0.81 | 1.25 | 65.00 |
| Parking | Poor | 0.63 | 1.25 | 50.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|------------------------|--------|--------------|----------------|---------------|
| Safety | | | | |
| Fencing | Good | 0.80 | 1.00 | 80.00 |
| Signage & Way Finding | Good | 0.80 | 1.00 | 80.00 |
| Ease of Supervision | Good | 2.00 | 2.50 | 80.00 |
| Controlled Entrances | Good | 0.40 | 0.50 | 80.00 |
| Total For Site: | | 55.43 | 96.00 | 57.74 |

Comments

Functionality Senior Center->General Environment-->Interior Environment

The interior environment is not large enough or have the appropriate spaces to support the variety and number of persons entering the building on a daily basis.

Functionality Senior Center->General Environment-->Exterior Environment

The exterior environment does not provide easy access for the Center's users. There is insufficient parking.

Functionality Senior Center->Entry/Reception-->Environment

The entry / reception area is not large enough or have the appropriate spaces to support the variety and number of persons entering the building on a daily basis.

Functionality Senior Center->Entry/Reception-->Size

The entry is not large enough.

Functionality Senior Center->Entry/Reception-->Storage/Fixed Equip

There is very limited storage for materials, information and brochures in the entry / reception area.

Functionality Senior Center->Executive Offices-->Environment

The executive offices lack sufficient privacy.

Functionality Senior Center->Executive Offices-->Size

The executive offices do not meet the space standard guidelines associated with a building of this type. They are of insufficient size to support the numerous programs and functions of the senior center. There is limited privacy in the executive offices.

Functionality Senior Center->Executive Offices-->Storage/Fixed Equip

There is not adequate storage within the executive offices.

Functionality Senior Center->Staff Offices-->Environment

The staff offices are crowded and lack appropriate noise and acoustical separation. There is limited natural lighting for each space.

Functionality Senior Center->Staff Offices-->Size

The staff offices do not meet the space standards for a building of this type. Currently there are five staff members sharing a space appropriately sized for two staff.

Functionality Senior Center->Staff Offices-->Storage/Fixed Equip

There is very limited storage for the staff and office supplies in the staff office area.

Functionality Senior Center->Open Offices Areas-->Environment

The open office areas are crowded and do not have sufficient space, natural lighting, views or acoustical separation.

Functionality Senior Center->Open Offices Areas-->Size

The open office areas do not meet the space size standards for a building of this type.

Functionality Senior Center->Open Offices Areas-->Storage/Fixed Equip

There is not sufficient storage for the open office areas.

| Suitability | Rating | Score | Possible Score | Percent Score |
|---|--------|-------|----------------|---------------|
| Functionality Senior Center->Conference Rooms-->Environment There is a lack of natural lighting, adequate ventilation, appropriate furniture and technology equipment in the conference room. | | | | |
| Functionality Senior Center->Conference Rooms-->Size Conference room is undersized. | | | | |
| Functionality Senior Center->Conference Rooms-->Storage/Fixed Equip There is no chair and table storage for the conference room area. | | | | |
| Functionality Senior Center->Large Group Meeting Rooms-->Environment There is a lack of natural lighting, adequate ventilation, appropriate furniture and technology equipment in the large group meeting rooms. | | | | |
| Functionality Senior Center->Large Group Meeting Rooms-->Size There are insufficient meeting rooms. | | | | |
| Functionality Senior Center->Large Group Meeting Rooms-->Storage/Fixed Equip There is very limited storage for the large group meeting rooms. | | | | |
| Functionality Senior Center->Staff Work Rooms-->Environment Staff work room was previously a storage closet. | | | | |
| Functionality Senior Center->Staff Work Rooms-->Size The staff work room does not meet the space size standard. | | | | |
| Functionality Senior Center->Staff Work Rooms-->Storage/Fixed Equip There is not sufficient storage in the staff work room areas. | | | | |
| Functionality Senior Center->Activity Room-->Environment There is a lack of natural lighting, adequate ventilation, appropriate furniture and technology equipment in the activity rooms. | | | | |
| Functionality Senior Center->Activity Room-->Size There are insufficient activity rooms. | | | | |
| Functionality Senior Center->Activity Room-->Storage/Fixed Equip There is insufficient storage in the activity rooms. | | | | |
| Functionality Senior Center->Storage-->Size There is not sufficient storage through out the building for a facility of this type. | | | | |
| Functionality Senior Center->Storage-->Storage/Fixed Equip There is not sufficient storage through out the building for a facility of this type. | | | | |
| Functionality Senior Center->Cafeteria-->Environment There is a lack of, adequate ventilation, appropriate furniture and technology equipment in the cafeteria. | | | | |
| Functionality Senior Center->Cafeteria-->Size The cafeteria is not large enough to serve the daily populations using the senior center. The cafeteria is also used to provide over 100 meals daily to those citizens no longer able to provide for themselves through the meals on wheels program. | | | | |
| Functionality Senior Center->Cafeteria-->Storage/Fixed Equip There is not sufficient storage for dry goods, and supplies in the cafeteria. | | | | |
| Functionality Senior Center->Food Service-->Environment There is a lack of, adequate ventilation, appropriate furniture and fixed equipment in the food services area. | | | | |
| Functionality Senior Center->Food Service-->Size The area is small. | | | | |

| Suitability | Rating | Score | Possible Score | Percent Score |
|--|--------|-------|----------------|---------------|
| Functionality Senior Center->Food Service-->Storage/Fixed Equip There is not sufficient storage in the food service area. | | | | |
| Functionality Senior Center->Restrooms-->Environment The restrooms are not suitable for use by the senior population. More grab bars and ADA accommodations are needed. | | | | |
| Functionality Senior Center->Restrooms-->Size There restrooms are not of adequately sized for senior populations. | | | | |
| Functionality Senior Center->Custodial-->Storage/Fixed Equip The custodial rooms lack sufficient storage. | | | | |
| Functionality Senior Center->Traffic-->Vehicular Traffic Vehicular traffic is congested. | | | | |
| Functionality Senior Center->Traffic-->Pedestrian Traffic Pedestrians must cross traffic lanes to access the building. | | | | |
| Functionality Senior Center->Traffic-->Parking Parking is shared with the school and sometimes it is difficult for visitors to find a space located close to the entrance of the senior center. | | | | |

Suitability Report - Full

| | | |
|---------------------------|-----------------|-----------------------------|
| Project #: 7698 | County: Essex | Site #: T-3 |
| Project: Assessments 2016 | Region: 9 | Site: Memorial Hall Library |
| Grade Config: | Site Type: Town | Site Size: 0.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|------------------------------|--------|-------|----------------|---------------|
| Functionality Library | | | | |
| General Environment | | | | |
| Interior Environment | Excel | 5.00 | 5.00 | 100.00 |
| Exterior Environment | Good | 4.00 | 5.00 | 80.00 |
| Entry/Reception | | | | |
| Environment | Good | 0.32 | 0.40 | 80.00 |
| Size | Excel | 1.00 | 1.00 | 100.00 |
| Location | Excel | 0.30 | 0.30 | 100.00 |
| Storage/Fixed Equip | Good | 0.24 | 0.30 | 80.00 |
| Executive Offices | | | | |
| Environment | Excel | 0.40 | 0.40 | 100.00 |
| Size | Good | 0.80 | 1.00 | 80.00 |
| Location | Good | 0.24 | 0.30 | 80.00 |
| Storage/Fixed Equip | Good | 0.24 | 0.30 | 80.00 |
| Staff Offices | | | | |
| Environment | Good | 0.80 | 1.00 | 80.00 |
| Size | Good | 2.00 | 2.50 | 80.00 |
| Location | Good | 0.60 | 0.75 | 80.00 |
| Storage/Fixed Equip | Good | 0.60 | 0.75 | 80.00 |
| Conference Rooms | | | | |
| Environment | Good | 0.64 | 0.80 | 80.00 |
| Size | Good | 1.60 | 2.00 | 80.00 |
| Location | Good | 0.48 | 0.60 | 80.00 |
| Storage/Fixed Equip | Good | 0.48 | 0.60 | 80.00 |
| Meeting Rooms | | | | |
| Environment | Good | 2.24 | 2.80 | 80.00 |
| Size | Good | 5.60 | 7.00 | 80.00 |
| Location | Good | 1.68 | 2.10 | 80.00 |
| Storage/Fixed Equip | Good | 1.68 | 2.10 | 80.00 |
| Reading Room | | | | |
| Environment | Excel | 2.80 | 2.80 | 100.00 |
| Size | Good | 5.60 | 7.00 | 80.00 |
| Location | Excel | 2.10 | 2.10 | 100.00 |
| Storage/Fixed Equip | Good | 1.68 | 2.10 | 80.00 |
| Children's Room | | | | |
| Environment | Excel | 2.80 | 2.80 | 100.00 |
| Size | Excel | 7.00 | 7.00 | 100.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|-------------------------|--------|--------------|----------------|---------------|
| Location | Good | 1.68 | 2.10 | 80.00 |
| Storage/Fixed Equip | Good | 1.68 | 2.10 | 80.00 |
| Staff Work Rooms | | | | |
| Environment | Good | 1.60 | 2.00 | 80.00 |
| Size | Good | 4.00 | 5.00 | 80.00 |
| Location | Good | 1.20 | 1.50 | 80.00 |
| Storage/Fixed Equip | Good | 1.20 | 1.50 | 80.00 |
| Storage | | | | |
| Environment | Good | 0.80 | 1.00 | 80.00 |
| Size | Good | 2.00 | 2.50 | 80.00 |
| Location | Good | 0.60 | 0.75 | 80.00 |
| Storage/Fixed Equip | Good | 0.60 | 0.75 | 80.00 |
| Other1 | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Other2 | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Restrooms | | | | |
| Environment | Good | 0.32 | 0.40 | 80.00 |
| Size | Poor | 0.50 | 1.00 | 50.00 |
| Location | Poor | 0.15 | 0.30 | 50.00 |
| Storage/Fixed Equip | Good | 0.24 | 0.30 | 80.00 |
| Custodial | | | | |
| Environment | Good | 0.32 | 0.40 | 80.00 |
| Size | Good | 0.80 | 1.00 | 80.00 |
| Location | Good | 0.24 | 0.30 | 80.00 |
| Storage/Fixed Equip | Good | 0.24 | 0.30 | 80.00 |
| Traffic | | | | |
| Vehicular Traffic | Fair | 1.63 | 2.50 | 65.00 |
| Pedestrian Traffic | Good | 1.00 | 1.25 | 80.00 |
| Parking | Poor | 0.63 | 1.25 | 50.00 |
| Safety | | | | |
| Fencing | Good | 0.80 | 1.00 | 80.00 |
| Signage & Way Finding | Good | 0.80 | 1.00 | 80.00 |
| Ease of Supervision | Fair | 1.63 | 2.50 | 65.00 |
| Controlled Entrances | Good | 0.40 | 0.50 | 80.00 |
| Total For Site: | | 77.97 | 94.00 | 82.94 |

Comments

Project #: 7698

County: Essex

Site #: T-3
APPENDIX C BASYS Reports

Project: Assessments 2016

Region: 9

Site: Memorial Hall Library

Grade Config:

Site Type: Town

Site Size: 0.00

| Suitability | Rating | Score | Possible Score | Percent Score |
|--|--------|-------|----------------|---------------|
| <p>Functionality Library->Restrooms-->Size There are not the appropriate numbers of men's and women's restrooms in the building.</p> <p>Functionality Library->Restrooms-->Location The restrooms are not centrally located in the building.</p> <p>Functionality Library->Traffic-->Vehicular Traffic Parking lot in rear of building is congested and during peak use hours, egress and ingress is difficult.</p> <p>Functionality Library->Traffic-->Parking There are not the appropriate number of parking spaces available to support the library.</p> <p>Functionality Library->Safety-->Ease of Supervision Some areas in the building are not under surveillance by the closed circuit cameras, making supervision difficult.</p> | | | | |

Suitability Report - Full

| | | |
|---------------------------|-----------------|---------------------|
| Project #: 7698 | County: Essex | Site #: T-4 |
| Project: Assessments 2016 | Region: 9 | Site: Old Town Hall |
| Grade Config: | Site Type: Town | Site Size: 0.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|----------------------------------|--------|-------|----------------|---------------|
| Functionality Office | | | | |
| General Environment | | | | |
| Interior Environment | Good | 4.00 | 5.00 | 80.00 |
| Exterior Environment | Good | 4.00 | 5.00 | 80.00 |
| Entry/Reception | | | | |
| Environment | Good | 0.32 | 0.40 | 80.00 |
| Size | Good | 0.80 | 1.00 | 80.00 |
| Location | Good | 0.24 | 0.30 | 80.00 |
| Storage/Fixed Equip | Good | 0.24 | 0.30 | 80.00 |
| Executive Offices | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Staff Offices | | | | |
| Environment | Good | 2.40 | 3.00 | 80.00 |
| Size | Good | 6.00 | 7.50 | 80.00 |
| Location | Good | 1.80 | 2.25 | 80.00 |
| Storage/Fixed Equip | Good | 1.80 | 2.25 | 80.00 |
| Open Offices Areas | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Conference Rooms | | | | |
| Environment | Good | 0.80 | 1.00 | 80.00 |
| Size | Good | 2.00 | 2.50 | 80.00 |
| Location | Good | 0.60 | 0.75 | 80.00 |
| Storage/Fixed Equip | Good | 0.60 | 0.75 | 80.00 |
| Large Group Meeting Rooms | | | | |
| Environment | Good | 0.80 | 1.00 | 80.00 |
| Size | Excel | 2.50 | 2.50 | 100.00 |
| Location | Good | 0.60 | 0.75 | 80.00 |
| Storage/Fixed Equip | Good | 0.60 | 0.75 | 80.00 |
| Staff Work Rooms | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|----------------------------|--------|-------|----------------|---------------|
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Staff Lounge/Dining | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Cafeteria | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Food Service | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Other1 | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Other2 | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Restrooms | | | | |
| Environment | Good | 0.48 | 0.60 | 80.00 |
| Size | Good | 1.20 | 1.50 | 80.00 |
| Location | Good | 0.36 | 0.45 | 80.00 |
| Storage/Fixed Equip | Good | 0.36 | 0.45 | 80.00 |
| Custodial | | | | |
| Environment | Good | 0.48 | 0.60 | 80.00 |
| Size | Fair | 0.98 | 1.50 | 65.00 |
| Location | Poor | 0.23 | 0.45 | 50.00 |
| Storage/Fixed Equip | Fair | 0.29 | 0.45 | 65.00 |
| Traffic | | | | |
| Vehicular Traffic | Good | 2.00 | 2.50 | 80.00 |
| Pedestrian Traffic | Good | 1.00 | 1.25 | 80.00 |
| Parking | Fair | 0.81 | 1.25 | 65.00 |

Project #: 7698

County: Essex

Site #: T-1
APPENDIX C BASYS Reports

Project: Assessments 2016

Region: 9

Site: Old Town Hall

Grade Config:

Site Type: Town

Site Size: 0.00

| Suitability | Rating | Score | Possible Score | Percent Score |
|------------------------|--------|--------------|----------------|---------------|
| Safety | | | | |
| Fencing | (N/A) | 0.00 | 0.00 | 0.00 |
| Signage & Way Finding | Good | 0.80 | 1.00 | 80.00 |
| Ease of Supervision | Good | 2.00 | 2.50 | 80.00 |
| Controlled Entrances | Good | 0.40 | 0.50 | 80.00 |
| Total For Site: | | 41.49 | 52.00 | 79.78 |

Comments

Functionality Office->Custodial-->Size

The closet is undersized and does not provide sufficient space to store equipment and cleaning supplies..

Functionality Office->Custodial-->Location

There is only one closet on one floor.

Functionality Office->Custodial-->Storage/Fixed Equip

There is no storage for supplies.

Functionality Office->Traffic-->Parking

The parking spaces are shared with area businesses making for limited availability during peak hours of use.

Suitability Report - Full

| | | |
|---------------------------|-----------------|-----------------------------|
| Project #: 7698 | County: Essex | Site #: T-7 |
| Project: Assessments 2016 | Region: 9 | Site: School Administration |
| Grade Config: | Site Type: Town | Site Size: 0.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|----------------------------------|--------|-------|----------------|---------------|
| Functionality Office | | | | |
| General Environment | | | | |
| Interior Environment | Fair | 3.25 | 5.00 | 65.00 |
| Exterior Environment | Good | 4.00 | 5.00 | 80.00 |
| Entry/Reception | | | | |
| Environment | Good | 0.32 | 0.40 | 80.00 |
| Size | Fair | 0.65 | 1.00 | 65.00 |
| Location | Good | 0.24 | 0.30 | 80.00 |
| Storage/Fixed Equip | Fair | 0.20 | 0.30 | 65.00 |
| Executive Offices | | | | |
| Environment | Good | 1.28 | 1.60 | 80.00 |
| Size | Good | 3.20 | 4.00 | 80.00 |
| Location | Good | 0.96 | 1.20 | 80.00 |
| Storage/Fixed Equip | Good | 0.96 | 1.20 | 80.00 |
| Staff Offices | | | | |
| Environment | Good | 2.40 | 3.00 | 80.00 |
| Size | Fair | 4.88 | 7.50 | 65.00 |
| Location | Good | 1.80 | 2.25 | 80.00 |
| Storage/Fixed Equip | Fair | 1.46 | 2.25 | 65.00 |
| Open Offices Areas | | | | |
| Environment | Fair | 1.95 | 3.00 | 65.00 |
| Size | Fair | 4.88 | 7.50 | 65.00 |
| Location | Good | 1.80 | 2.25 | 80.00 |
| Storage/Fixed Equip | Fair | 1.46 | 2.25 | 65.00 |
| Conference Rooms | | | | |
| Environment | Good | 0.80 | 1.00 | 80.00 |
| Size | Good | 2.00 | 2.50 | 80.00 |
| Location | Good | 0.60 | 0.75 | 80.00 |
| Storage/Fixed Equip | Good | 0.60 | 0.75 | 80.00 |
| Large Group Meeting Rooms | | | | |
| Environment | Good | 0.80 | 1.00 | 80.00 |
| Size | Good | 2.00 | 2.50 | 80.00 |
| Location | Good | 0.60 | 0.75 | 80.00 |
| Storage/Fixed Equip | Good | 0.60 | 0.75 | 80.00 |
| Staff Work Rooms | | | | |
| Environment | Good | 0.80 | 1.00 | 80.00 |
| Size | Fair | 1.63 | 2.50 | 65.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|----------------------------|--------|-------|----------------|---------------|
| Location | Good | 0.60 | 0.75 | 80.00 |
| Storage/Fixed Equip | Fair | 0.49 | 0.75 | 65.00 |
| Storage | | | | |
| Environment | Good | 0.32 | 0.40 | 80.00 |
| Size | Fair | 0.65 | 1.00 | 65.00 |
| Location | Good | 0.24 | 0.30 | 80.00 |
| Storage/Fixed Equip | Fair | 0.20 | 0.30 | 65.00 |
| Staff Lounge/Dining | | | | |
| Environment | Good | 0.48 | 0.60 | 80.00 |
| Size | Good | 1.20 | 1.50 | 80.00 |
| Location | Good | 0.36 | 0.45 | 80.00 |
| Storage/Fixed Equip | Good | 0.36 | 0.45 | 80.00 |
| Cafeteria | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Food Service | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Other1 | | | | |
| Environment | Fair | 0.26 | 0.40 | 65.00 |
| Size | Fair | 0.65 | 1.00 | 65.00 |
| Location | Good | 0.24 | 0.30 | 80.00 |
| Storage/Fixed Equip | Fair | 0.20 | 0.30 | 65.00 |
| Other2 | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Restrooms | | | | |
| Environment | Fair | 0.39 | 0.60 | 65.00 |
| Size | Fair | 0.98 | 1.50 | 65.00 |
| Location | Good | 0.36 | 0.45 | 80.00 |
| Storage/Fixed Equip | Good | 0.36 | 0.45 | 80.00 |
| Custodial | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Traffic | | | | |
| Vehicular Traffic | Good | 2.00 | 2.50 | 80.00 |
| Pedestrian Traffic | Good | 1.00 | 1.25 | 80.00 |
| Parking | Fair | 0.81 | 1.25 | 65.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|------------------------|--------|--------------|----------------|---------------|
| Safety | | | | |
| Fencing | (N/A) | 0.00 | 0.00 | 0.00 |
| Signage & Way Finding | Fair | 0.65 | 1.00 | 65.00 |
| Ease of Supervision | Good | 2.00 | 2.50 | 80.00 |
| Controlled Entrances | Fair | 0.33 | 0.50 | 65.00 |
| Total For Site: | | 61.22 | 84.00 | 72.88 |

Comments

Functionality Office->General Environment-->Interior Environment

The interior environment is crowded because of the spatial configuration. There is limited natural light, minimal acoustical separation and a lack of functionality needed to support the program offices.

Functionality Office->Entry/Reception-->Size

The entry / reception area does not meet the space size standards for this type of building.

Functionality Office->Entry/Reception-->Storage/Fixed Equip

There is limited storage in this area of the building.

Functionality Office->Staff Offices-->Size

The staff offices do not meet the space size standards for this type of building.

Functionality Office->Staff Offices-->Storage/Fixed Equip

There is not sufficient storage for the staff office area.

Functionality Office->Open Offices Areas-->Environment

The open office areas do not have the appropriate separation for privacy, there is limited natural light in some area offices and the spatial configuration is small and crowded.

Functionality Office->Open Offices Areas-->Size

The open area offices do not meet the space size standards.

Functionality Office->Open Offices Areas-->Storage/Fixed Equip

There is not sufficient storage in this area building to support the staff and program requirements.

Functionality Office->Staff Work Rooms-->Size

The staff work room does not meet space size standards.

Functionality Office->Staff Work Rooms-->Storage/Fixed Equip

There is not sufficient storage in the staff work rooms.

Functionality Office->Storage-->Size

The storage areas are not large enough to accommodate the number of archival records. The record retention requirements impact the storage spaces throughout the building.

Functionality Office->Storage-->Storage/Fixed Equip

The storage areas are not large enough to accommodate the number of archival records. The record retention requirements impact the storage spaces throughout the building.

Functionality Office->Other1

Health Clinic.

Functionality Office->Other1-->Environment

The health / clinic area does not have the appropriate spatial configuration to provide the necessary privacy demands of the program.

Functionality Office->Other1-->Size

The health / clinic area does not meet the space size standards.

| Suitability | Rating | Score | Possible Score | Percent Score |
|--|--------|-------|----------------|---------------|
| <p>Functionality Office->Other1-->Storage/Fixed Equip There is not sufficient storage in the health / clinic area.</p> | | | | |
| <p>Functionality Office->Restrooms-->Environment The restrooms are older and the fixtures are worn out and dated.</p> | | | | |
| <p>Functionality Office->Restrooms-->Size The restrooms are not the appropriate size nor are there enough restrooms for the number of staff in this building.</p> | | | | |
| <p>Functionality Office->Traffic-->Parking The school administration building shares parking with a number of town and school buildings. There are not enough parking spaces to service of all the staff and visitors at the town hall, school administration and senior center.</p> | | | | |
| <p>Functionality Office->Safety-->Signage & Way Finding Throughout the building there are old signs that do not accurately reflect the current space occupants.</p> | | | | |
| <p>Functionality Office->Safety-->Controlled Entrances Specifically in the Human Resources area there is significant concern regarding a secondary ingress / egress for emergency exiting purposes.</p> | | | | |

Suitability Report - Full

| | | |
|---------------------------|-----------------|--------------------|
| Project #: 7698 | County: Essex | Site #: T-9 |
| Project: Assessments 2016 | Region: 9 | Site: Town Offices |
| Grade Config: | Site Type: Town | Site Size: 0.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|----------------------------------|--------|-------|----------------|---------------|
| Functionality Office | | | | |
| General Environment | | | | |
| Interior Environment | Fair | 3.25 | 5.00 | 65.00 |
| Exterior Environment | Good | 4.00 | 5.00 | 80.00 |
| Entry/Reception | | | | |
| Environment | Good | 0.32 | 0.40 | 80.00 |
| Size | Good | 0.80 | 1.00 | 80.00 |
| Location | Good | 0.24 | 0.30 | 80.00 |
| Storage/Fixed Equip | Good | 0.24 | 0.30 | 80.00 |
| Executive Offices | | | | |
| Environment | Good | 1.28 | 1.60 | 80.00 |
| Size | Good | 3.20 | 4.00 | 80.00 |
| Location | Good | 0.96 | 1.20 | 80.00 |
| Storage/Fixed Equip | Good | 0.96 | 1.20 | 80.00 |
| Staff Offices | | | | |
| Environment | Fair | 1.95 | 3.00 | 65.00 |
| Size | Poor | 3.75 | 7.50 | 50.00 |
| Location | Good | 1.80 | 2.25 | 80.00 |
| Storage/Fixed Equip | Poor | 1.13 | 2.25 | 50.00 |
| Open Offices Areas | | | | |
| Environment | Fair | 1.95 | 3.00 | 65.00 |
| Size | Fair | 4.88 | 7.50 | 65.00 |
| Location | Good | 1.80 | 2.25 | 80.00 |
| Storage/Fixed Equip | Poor | 1.13 | 2.25 | 50.00 |
| Conference Rooms | | | | |
| Environment | Good | 0.80 | 1.00 | 80.00 |
| Size | Good | 2.00 | 2.50 | 80.00 |
| Location | Fair | 0.49 | 0.75 | 65.00 |
| Storage/Fixed Equip | Good | 0.60 | 0.75 | 80.00 |
| Large Group Meeting Rooms | | | | |
| Environment | Fair | 0.65 | 1.00 | 65.00 |
| Size | Fair | 1.63 | 2.50 | 65.00 |
| Location | Good | 0.60 | 0.75 | 80.00 |
| Storage/Fixed Equip | Fair | 0.49 | 0.75 | 65.00 |
| Staff Work Rooms | | | | |
| Environment | Fair | 0.65 | 1.00 | 65.00 |
| Size | Fair | 1.63 | 2.50 | 65.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|----------------------------|--------|-------|----------------|---------------|
| Location | Good | 0.60 | 0.75 | 80.00 |
| Storage/Fixed Equip | Fair | 0.49 | 0.75 | 65.00 |
| Storage | | | | |
| Environment | Good | 0.32 | 0.40 | 80.00 |
| Size | Fair | 0.65 | 1.00 | 65.00 |
| Location | Poor | 0.15 | 0.30 | 50.00 |
| Storage/Fixed Equip | Fair | 0.20 | 0.30 | 65.00 |
| Staff Lounge/Dining | | | | |
| Environment | Good | 0.48 | 0.60 | 80.00 |
| Size | Good | 1.20 | 1.50 | 80.00 |
| Location | Good | 0.36 | 0.45 | 80.00 |
| Storage/Fixed Equip | Good | 0.36 | 0.45 | 80.00 |
| Cafeteria | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Food Service | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Other1 | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Other2 | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Restrooms | | | | |
| Environment | Good | 0.48 | 0.60 | 80.00 |
| Size | Fair | 0.98 | 1.50 | 65.00 |
| Location | Good | 0.36 | 0.45 | 80.00 |
| Storage/Fixed Equip | Good | 0.36 | 0.45 | 80.00 |
| Custodial | | | | |
| Environment | Good | 0.48 | 0.60 | 80.00 |
| Size | Good | 1.20 | 1.50 | 80.00 |
| Location | Good | 0.36 | 0.45 | 80.00 |
| Storage/Fixed Equip | Good | 0.36 | 0.45 | 80.00 |
| Traffic | | | | |
| Vehicular Traffic | Fair | 1.63 | 2.50 | 65.00 |
| Pedestrian Traffic | Good | 1.00 | 1.25 | 80.00 |
| Parking | Fair | 0.81 | 1.25 | 65.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|------------------------|--------|--------------|----------------|---------------|
| Safety | | | | |
| Fencing | Good | 0.80 | 1.00 | 80.00 |
| Signage & Way Finding | Good | 0.80 | 1.00 | 80.00 |
| Ease of Supervision | Good | 2.00 | 2.50 | 80.00 |
| Controlled Entrances | Good | 0.40 | 0.50 | 80.00 |
| Total For Site: | | 59.97 | 86.00 | 69.73 |

Comments

Functionality Office->General Environment-->Interior Environment

Inside the town offices is crowded and space is limited for personnel. There is limited natural light, acoustical separation and interior circulation is poor.

Functionality Office->Staff Offices-->Environment

Staff offices located on the interior of the building have no natural light, are small in size and have limited acoustical separation.

Functionality Office->Staff Offices-->Size

The majority of staff offices do not meet the space size standards.

Functionality Office->Staff Offices-->Storage/Fixed Equip

There is limited or no storage space available in the staff offices. The furniture and fixed equipment is old and in some cases, needs repair or replacement.

Functionality Office->Open Offices Areas-->Environment

The open office areas are often over crowded given there are too many staff in the space provided. In some cases there is limited natural lighting, poor circulation and overall poor aesthetic appeal.

Functionality Office->Open Offices Areas-->Size

The open area office does not meet the space size standard.

Functionality Office->Open Offices Areas-->Storage/Fixed Equip

In the majority of open office areas there is no storage for supplies, materials or work products.

Functionality Office->Conference Rooms-->Location

The conference rooms are located away from the various departments which makes conducting and scheduling meetings difficult.

Functionality Office->Large Group Meeting Rooms-->Environment

The large group meeting space is not conducive to meet the needs of the town offices. There is limited configuration options to adapt the room for town council meetings and the room is too small for the entire town staff to conduct staff or large public meetings.

Functionality Office->Large Group Meeting Rooms-->Size

The large group meeting room is not of adequate size to meet the operational needs of the town offices.

Functionality Office->Large Group Meeting Rooms-->Storage/Fixed Equip

There is not sufficient storage in the large group meeting room.

Functionality Office->Staff Work Rooms-->Environment

Many of the staff work rooms are used for storage and don't align with the functional needs of the town offices.

Functionality Office->Staff Work Rooms-->Size

The staff work rooms do not meet the space size standards.

Functionality Office->Staff Work Rooms-->Storage/Fixed Equip

There is not sufficient storage space in the staff work rooms.

Project #: 7698

County: Essex

Site #: T-9
APPENDIX C BASYS Reports

Project: Assessments 2016

Region: 9

Site: Town Offices

Grade Config:

Site Type: Town

Site Size: 0.00

Suitability

Rating

Score

Possible
Score

Percent
Score

Functionality Office->Storage-->Size

The storage rooms in the town offices do not meet space size standards.

Functionality Office->Storage-->Location

The storage rooms in the town offices are located in the tunnel area and not readily available to staff to access stored items.

Functionality Office->Storage-->Storage/Fixed Equip

There is not sufficient storage for the town offices.

Functionality Office->Restrooms-->Size

The restrooms do not meet the space size standard.

Functionality Office->Traffic-->Vehicular Traffic

The traffic circulation pattern creates congestion at peak visitor times.

Functionality Office->Traffic-->Parking

There is limited off-street parking for the town offices.

Suitability Report - Full

| | | |
|---------------------------|-----------------|-----------------------------|
| Project #: 7698 | County: Essex | Site #: T-10 |
| Project: Assessments 2016 | Region: 9 | Site: Water Treatment Plant |
| Grade Config: | Site Type: Town | Site Size: 0.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|----------------------------------|--------|-------|----------------|---------------|
| Functionality Office | | | | |
| General Environment | | | | |
| Interior Environment | Good | 4.00 | 5.00 | 80.00 |
| Exterior Environment | Good | 4.00 | 5.00 | 80.00 |
| Entry/Reception | | | | |
| Environment | Good | 0.32 | 0.40 | 80.00 |
| Size | Good | 0.80 | 1.00 | 80.00 |
| Location | Good | 0.24 | 0.30 | 80.00 |
| Storage/Fixed Equip | Good | 0.24 | 0.30 | 80.00 |
| Executive Offices | | | | |
| Environment | Good | 1.28 | 1.60 | 80.00 |
| Size | Excel | 4.00 | 4.00 | 100.00 |
| Location | Excel | 1.20 | 1.20 | 100.00 |
| Storage/Fixed Equip | Good | 0.96 | 1.20 | 80.00 |
| Staff Offices | | | | |
| Environment | Good | 2.40 | 3.00 | 80.00 |
| Size | Good | 6.00 | 7.50 | 80.00 |
| Location | Good | 1.80 | 2.25 | 80.00 |
| Storage/Fixed Equip | Good | 1.80 | 2.25 | 80.00 |
| Open Offices Areas | | | | |
| Environment | Good | 2.40 | 3.00 | 80.00 |
| Size | Fair | 4.88 | 7.50 | 65.00 |
| Location | Good | 1.80 | 2.25 | 80.00 |
| Storage/Fixed Equip | Good | 1.80 | 2.25 | 80.00 |
| Conference Rooms | | | | |
| Environment | Good | 0.80 | 1.00 | 80.00 |
| Size | Good | 2.00 | 2.50 | 80.00 |
| Location | Excel | 0.75 | 0.75 | 100.00 |
| Storage/Fixed Equip | Good | 0.60 | 0.75 | 80.00 |
| Large Group Meeting Rooms | | | | |
| Environment | Good | 0.80 | 1.00 | 80.00 |
| Size | Good | 2.00 | 2.50 | 80.00 |
| Location | Good | 0.60 | 0.75 | 80.00 |
| Storage/Fixed Equip | Good | 0.60 | 0.75 | 80.00 |
| Staff Work Rooms | | | | |
| Environment | Good | 0.80 | 1.00 | 80.00 |
| Size | Good | 2.00 | 2.50 | 80.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|----------------------------|--------|-------|----------------|---------------|
| Location | Good | 0.60 | 0.75 | 80.00 |
| Storage/Fixed Equip | Good | 0.60 | 0.75 | 80.00 |
| Storage | | | | |
| Environment | Fair | 0.26 | 0.40 | 65.00 |
| Size | Fair | 0.65 | 1.00 | 65.00 |
| Location | Poor | 0.15 | 0.30 | 50.00 |
| Storage/Fixed Equip | Poor | 0.15 | 0.30 | 50.00 |
| Staff Lounge/Dining | | | | |
| Environment | Good | 0.48 | 0.60 | 80.00 |
| Size | Good | 1.20 | 1.50 | 80.00 |
| Location | Good | 0.36 | 0.45 | 80.00 |
| Storage/Fixed Equip | Good | 0.36 | 0.45 | 80.00 |
| Cafeteria | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Food Service | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Other1 | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Other2 | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Restrooms | | | | |
| Environment | Poor | 0.30 | 0.60 | 50.00 |
| Size | Fair | 0.98 | 1.50 | 65.00 |
| Location | Good | 0.36 | 0.45 | 80.00 |
| Storage/Fixed Equip | Fair | 0.29 | 0.45 | 65.00 |
| Custodial | | | | |
| Environment | Good | 0.48 | 0.60 | 80.00 |
| Size | Good | 1.20 | 1.50 | 80.00 |
| Location | Good | 0.36 | 0.45 | 80.00 |
| Storage/Fixed Equip | Good | 0.36 | 0.45 | 80.00 |
| Traffic | | | | |
| Vehicular Traffic | Good | 2.00 | 2.50 | 80.00 |
| Pedestrian Traffic | Good | 1.00 | 1.25 | 80.00 |
| Parking | Good | 1.00 | 1.25 | 80.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|------------------------|--------|--------------|----------------|---------------|
| Safety | | | | |
| Fencing | Good | 0.80 | 1.00 | 80.00 |
| Signage & Way Finding | Good | 0.80 | 1.00 | 80.00 |
| Ease of Supervision | Good | 2.00 | 2.50 | 80.00 |
| Controlled Entrances | Good | 0.40 | 0.50 | 80.00 |
| Total For Site: | | 68.00 | 86.00 | 79.07 |

Comments

Functionality Office->Open Offices Areas-->Size

A number of the open office areas do not meet the space size standard.

Functionality Office->Storage-->Environment

A number of the storage areas are not protected from the building environment which causes damage to boxes and containers.

Functionality Office->Storage-->Size

There is limited storage space in the wastewater treatment facility.

Functionality Office->Storage-->Location

Records are stored in the basement of the facility in damp unprotected areas. The records should be re-located to another area in the facility if available or removed from the facility.

Functionality Office->Storage-->Storage/Fixed Equip

There is not sufficient storage for equipment, records or supplies.

Functionality Office->Restrooms-->Environment

Restrooms do not meet ADA standards.

Functionality Office->Restrooms-->Size

The building restrooms do not meet the space size standard.

Functionality Office->Restrooms-->Storage/Fixed Equip

There is not sufficient space for storage and supplies in the facility restrooms.

Suitability Report - Full

| | | |
|---------------------------|-----------------|------------------------------|
| Project #: 7698 | County: Essex | Site #: T-6 |
| Project: Assessments 2016 | Region: 9 | Site: Red Spring Road Mainte |
| Grade Config: | Site Type: Town | Site Size: 0.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|----------------------------------|--------|-------|----------------|---------------|
| Functionality Maintenance | | | | |
| General Environment | | | | |
| Interior Environment | Fair | 3.25 | 5.00 | 65.00 |
| Exterior Environment | Good | 4.00 | 5.00 | 80.00 |
| Entry/Reception | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Executive Offices | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Staff Offices | | | | |
| Environment | Fair | 0.65 | 1.00 | 65.00 |
| Size | Fair | 1.63 | 2.50 | 65.00 |
| Location | Good | 0.60 | 0.75 | 80.00 |
| Storage/Fixed Equip | Fair | 0.49 | 0.75 | 65.00 |
| Open Offices Areas | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Conference Rooms | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Shop/Work Room | | | | |
| Environment | Good | 1.60 | 2.00 | 80.00 |
| Size | Fair | 3.25 | 5.00 | 65.00 |
| Location | Good | 1.20 | 1.50 | 80.00 |
| Storage/Fixed Equip | Fair | 0.98 | 1.50 | 65.00 |
| Vehicle Bay/Garage | | | | |
| Environment | Good | 6.40 | 8.00 | 80.00 |
| Size | Fair | 13.00 | 20.00 | 65.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|------------------------|--------|--------------|----------------|---------------|
| Location | Good | 4.80 | 6.00 | 80.00 |
| Storage/Fixed Equip | Fair | 3.90 | 6.00 | 65.00 |
| Storage | | | | |
| Environment | Fair | 0.65 | 1.00 | 65.00 |
| Size | Fair | 1.63 | 2.50 | 65.00 |
| Location | Good | 0.60 | 0.75 | 80.00 |
| Storage/Fixed Equip | Fair | 0.49 | 0.75 | 65.00 |
| Staff Lounge | | | | |
| Environment | Good | 0.48 | 0.60 | 80.00 |
| Size | Fair | 0.98 | 1.50 | 65.00 |
| Location | Good | 0.36 | 0.45 | 80.00 |
| Storage/Fixed Equip | Fair | 0.29 | 0.45 | 65.00 |
| Other1 | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Other2 | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Restrooms | | | | |
| Environment | Fair | 0.26 | 0.40 | 65.00 |
| Size | Good | 0.80 | 1.00 | 80.00 |
| Location | Good | 0.24 | 0.30 | 80.00 |
| Storage/Fixed Equip | Good | 0.24 | 0.30 | 80.00 |
| Custodial | | | | |
| Environment | Good | 0.32 | 0.40 | 80.00 |
| Size | Good | 0.80 | 1.00 | 80.00 |
| Location | Good | 0.24 | 0.30 | 80.00 |
| Storage/Fixed Equip | Good | 0.24 | 0.30 | 80.00 |
| Traffic | | | | |
| Vehicular Traffic | Good | 2.40 | 3.00 | 80.00 |
| Pedestrian Traffic | Good | 1.20 | 1.50 | 80.00 |
| Parking | Fair | 0.98 | 1.50 | 65.00 |
| Safety | | | | |
| Fencing | Good | 0.80 | 1.00 | 80.00 |
| Signage & Way Finding | Good | 0.80 | 1.00 | 80.00 |
| Ease of Supervision | Good | 2.00 | 2.50 | 80.00 |
| Controlled Entrances | Good | 0.40 | 0.50 | 80.00 |
| Total For Site: | | 62.92 | 88.00 | 71.50 |

Comments

| Suitability | Rating | Score | Possible Score | Percent Score |
|---|--------|-------|----------------|---------------|
| Functionality Maintenance->General Environment-->Interior Environment The interior of the building has limited natural lighting, no air-conditioning, and worn out and dated aesthetics. | | | | |
| Functionality Maintenance->Staff Offices-->Environment The staff office area is dated and worn out with very little aesthetic appeal. | | | | |
| Functionality Maintenance->Staff Offices-->Size Staff offices do not meet the space size standard for this type of building. | | | | |
| Functionality Maintenance->Staff Offices-->Storage/Fixed Equip There is limited storage in the staff office areas. | | | | |
| Functionality Maintenance->Shop/Work Room-->Size The shop / work room area does not meet the space size standard. | | | | |
| Functionality Maintenance->Shop/Work Room-->Storage/Fixed Equip There is limited storage in the shop / work room area. | | | | |
| Functionality Maintenance->Vehicle Bay/Garage-->Size The vehicle bays are undersized for the equipment and machinery that is being serviced in this building. | | | | |
| Functionality Maintenance->Vehicle Bay/Garage-->Storage/Fixed Equip There is limited storage in the vehicle bay areas. | | | | |
| Functionality Maintenance->Storage-->Environment There are not enough parts and equipment storage racks. There is limited lighting in some of the storage areas. | | | | |
| Functionality Maintenance->Storage-->Size There is not sufficient storage to meet the operational needs of the facility. | | | | |
| Functionality Maintenance->Storage-->Storage/Fixed Equip There is not sufficient storage in the building for the maintenance team. | | | | |
| Functionality Maintenance->Staff Lounge-->Size The employee lounge is not sized appropriately for the number of staff in the building. | | | | |
| Functionality Maintenance->Staff Lounge-->Storage/Fixed Equip There is not sufficient storage in the employee lounge area. | | | | |
| Functionality Maintenance->Restrooms-->Environment Restrooms have old and dated fixtures. | | | | |
| Functionality Maintenance->Traffic-->Parking There is not enough indoor parking space for the maintenance fleet vehicles. | | | | |

Suitability Report - Full

| | | |
|---------------------------|-----------------|-----------------------------|
| Project #: 7698 | County: Essex | Site #: T-8 |
| Project: Assessments 2016 | Region: 9 | Site: Spring Grove Cemetery |
| Grade Config: | Site Type: Town | Site Size: 0.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|----------------------------------|--------|-------|----------------|---------------|
| Functionality Maintenance | | | | |
| General Environment | | | | |
| Interior Environment | Good | 4.00 | 5.00 | 80.00 |
| Exterior Environment | Good | 4.00 | 5.00 | 80.00 |
| Entry/Reception | | | | |
| Environment | Poor | 0.20 | 0.40 | 50.00 |
| Size | Poor | 0.50 | 1.00 | 50.00 |
| Location | Good | 0.24 | 0.30 | 80.00 |
| Storage/Fixed Equip | Good | 0.24 | 0.30 | 80.00 |
| Executive Offices | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Staff Offices | | | | |
| Environment | Fair | 0.65 | 1.00 | 65.00 |
| Size | Good | 2.00 | 2.50 | 80.00 |
| Location | Good | 0.60 | 0.75 | 80.00 |
| Storage/Fixed Equip | Poor | 0.38 | 0.75 | 50.00 |
| Open Offices Areas | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Conference Rooms | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Shop/Work Room | | | | |
| Environment | Good | 1.60 | 2.00 | 80.00 |
| Size | Fair | 3.25 | 5.00 | 65.00 |
| Location | Good | 1.20 | 1.50 | 80.00 |
| Storage/Fixed Equip | Fair | 0.98 | 1.50 | 65.00 |
| Vehicle Bay/Garage | | | | |
| Environment | Good | 6.40 | 8.00 | 80.00 |
| Size | Fair | 13.00 | 20.00 | 65.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|------------------------|--------|--------------|----------------|---------------|
| Location | Good | 4.80 | 6.00 | 80.00 |
| Storage/Fixed Equip | Fair | 3.90 | 6.00 | 65.00 |
| Storage | | | | |
| Environment | Good | 0.80 | 1.00 | 80.00 |
| Size | Fair | 1.63 | 2.50 | 65.00 |
| Location | Good | 0.60 | 0.75 | 80.00 |
| Storage/Fixed Equip | Fair | 0.49 | 0.75 | 65.00 |
| Staff Lounge | | | | |
| Environment | Fair | 0.39 | 0.60 | 65.00 |
| Size | Good | 1.20 | 1.50 | 80.00 |
| Location | Fair | 0.29 | 0.45 | 65.00 |
| Storage/Fixed Equip | Fair | 0.29 | 0.45 | 65.00 |
| Other1 | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Other2 | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Restrooms | | | | |
| Environment | Poor | 0.20 | 0.40 | 50.00 |
| Size | Fair | 0.65 | 1.00 | 65.00 |
| Location | Good | 0.24 | 0.30 | 80.00 |
| Storage/Fixed Equip | Poor | 0.15 | 0.30 | 50.00 |
| Custodial | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Traffic | | | | |
| Vehicular Traffic | Good | 2.40 | 3.00 | 80.00 |
| Pedestrian Traffic | Good | 1.20 | 1.50 | 80.00 |
| Parking | Good | 1.20 | 1.50 | 80.00 |
| Safety | | | | |
| Fencing | Good | 0.80 | 1.00 | 80.00 |
| Signage & Way Finding | Good | 0.80 | 1.00 | 80.00 |
| Ease of Supervision | Good | 2.00 | 2.50 | 80.00 |
| Controlled Entrances | Good | 0.40 | 0.50 | 80.00 |
| Total For Site: | | 63.66 | 88.00 | 72.34 |

Comments

| Suitability | Rating | Score | Possible Score | Percent Score |
|---|--------|-------|----------------|---------------|
| Functionality Maintenance->Entry/Reception-->Environment The reception area is not aesthetically appealing for visitors. | | | | |
| Functionality Maintenance->Entry/Reception-->Size There is insufficient area for visitors. | | | | |
| Functionality Maintenance->Staff Offices-->Environment The staff office is not appropriate for the funeral planning operations, The space is worn out and dated and does not have the necessary fixed equipment to provide a quality place to meet with families to plan funerals, and select burial spaces. | | | | |
| Functionality Maintenance->Staff Offices-->Storage/Fixed Equip The staff office does not have sufficient storage. | | | | |
| Functionality Maintenance->Shop/Work Room-->Size The shop / work room area is crowded and small for the amount of equipment being worked on a daily basis. The area does not meet the space size standards. | | | | |
| Functionality Maintenance->Shop/Work Room-->Storage/Fixed Equip There is not sufficient storage space for the shop / work room areas. | | | | |
| Functionality Maintenance->Vehicle Bay/Garage-->Size There is not enough room to park all of the equipment inside, out of the weather, and still be able to move around and conduct the daily operations and function of the vehicle bay area. | | | | |
| Functionality Maintenance->Vehicle Bay/Garage-->Storage/Fixed Equip There is not sufficient storage in the vehicle bay area. | | | | |
| Functionality Maintenance->Storage-->Size The size of the storage room is not adequate to be able to organize all of the parts and supplies associated with the maintenance operations. | | | | |
| Functionality Maintenance->Storage-->Storage/Fixed Equip The storage bays need a rack / shelving system to store all of the supplies and parts. | | | | |
| Functionality Maintenance->Staff Lounge-->Environment The employee lounge is worn out and dated, the flooring, paint and furnishings are in need of repair or replacement. | | | | |
| Functionality Maintenance->Staff Lounge-->Location The employee lounge is located adjacent to the staff offices where the funeral planning is conducted. | | | | |
| Functionality Maintenance->Staff Lounge-->Storage/Fixed Equip The employee lounge does not have the appropriate spaces, restrooms and equipment for the number of staff. | | | | |
| Functionality Maintenance->Restrooms-->Environment There restroom is very small and contains one toilet for the entire staff of 10. There are no visitor restrooms. | | | | |
| Functionality Maintenance->Restrooms-->Size The restroom does not meet the space size standard. | | | | |
| Functionality Maintenance->Restrooms-->Storage/Fixed Equip The is no storage available in the restroom for supplies. | | | | |

Suitability Report - Full

| | | |
|---------------------------|-----------------|-----------------|
| Project #: 7698 | County: Essex | Site #: T-12 |
| Project: Assessments 2016 | Region: 9 | Site: Town Yard |
| Grade Config: | Site Type: Town | Site Size: 0.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|----------------------------------|--------|-------|----------------|---------------|
| Functionality Maintenance | | | | |
| General Environment | | | | |
| Interior Environment | Poor | 2.50 | 5.00 | 50.00 |
| Exterior Environment | Unsat | 0.00 | 5.00 | 0.00 |
| Entry/Reception | | | | |
| Environment | Poor | 0.20 | 0.40 | 50.00 |
| Size | Poor | 0.50 | 1.00 | 50.00 |
| Location | Good | 0.24 | 0.30 | 80.00 |
| Storage/Fixed Equip | Poor | 0.15 | 0.30 | 50.00 |
| Executive Offices | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Staff Offices | | | | |
| Environment | Poor | 0.50 | 1.00 | 50.00 |
| Size | Poor | 1.25 | 2.50 | 50.00 |
| Location | Good | 0.60 | 0.75 | 80.00 |
| Storage/Fixed Equip | Unsat | 0.00 | 0.75 | 0.00 |
| Open Offices Areas | | | | |
| Environment | Poor | 0.20 | 0.40 | 50.00 |
| Size | Poor | 0.50 | 1.00 | 50.00 |
| Location | Good | 0.24 | 0.30 | 80.00 |
| Storage/Fixed Equip | Poor | 0.15 | 0.30 | 50.00 |
| Conference Rooms | | | | |
| Environment | Unsat | 0.00 | 0.40 | 0.00 |
| Size | Unsat | 0.00 | 1.00 | 0.00 |
| Location | Unsat | 0.00 | 0.30 | 0.00 |
| Storage/Fixed Equip | Unsat | 0.00 | 0.30 | 0.00 |
| Shop/Work Room | | | | |
| Environment | Poor | 1.00 | 2.00 | 50.00 |
| Size | Unsat | 0.00 | 5.00 | 0.00 |
| Location | Good | 1.20 | 1.50 | 80.00 |
| Storage/Fixed Equip | Unsat | 0.00 | 1.50 | 0.00 |
| Vehicle Bay/Garage | | | | |
| Environment | Poor | 4.00 | 8.00 | 50.00 |
| Size | Unsat | 0.00 | 20.00 | 0.00 |

| Suitability | Rating | Score | Possible Score | Percent Score |
|------------------------|--------|--------------|----------------|---------------|
| Location | Good | 4.80 | 6.00 | 80.00 |
| Storage/Fixed Equip | Unsat | 0.00 | 6.00 | 0.00 |
| Storage | | | | |
| Environment | Poor | 0.50 | 1.00 | 50.00 |
| Size | Unsat | 0.00 | 2.50 | 0.00 |
| Location | Good | 0.60 | 0.75 | 80.00 |
| Storage/Fixed Equip | Unsat | 0.00 | 0.75 | 0.00 |
| Staff Lounge | | | | |
| Environment | Poor | 0.30 | 0.60 | 50.00 |
| Size | Poor | 0.75 | 1.50 | 50.00 |
| Location | Good | 0.36 | 0.45 | 80.00 |
| Storage/Fixed Equip | Poor | 0.23 | 0.45 | 50.00 |
| Other1 | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Other2 | | | | |
| Environment | (N/A) | 0.00 | 0.00 | 0.00 |
| Size | (N/A) | 0.00 | 0.00 | 0.00 |
| Location | (N/A) | 0.00 | 0.00 | 0.00 |
| Storage/Fixed Equip | (N/A) | 0.00 | 0.00 | 0.00 |
| Restrooms | | | | |
| Environment | Poor | 0.20 | 0.40 | 50.00 |
| Size | Poor | 0.50 | 1.00 | 50.00 |
| Location | Fair | 0.20 | 0.30 | 65.00 |
| Storage/Fixed Equip | Fair | 0.20 | 0.30 | 65.00 |
| Custodial | | | | |
| Environment | Poor | 0.20 | 0.40 | 50.00 |
| Size | Fair | 0.65 | 1.00 | 65.00 |
| Location | Good | 0.24 | 0.30 | 80.00 |
| Storage/Fixed Equip | Fair | 0.20 | 0.30 | 65.00 |
| Traffic | | | | |
| Vehicular Traffic | Unsat | 0.00 | 3.00 | 0.00 |
| Pedestrian Traffic | Unsat | 0.00 | 1.50 | 0.00 |
| Parking | Poor | 0.75 | 1.50 | 50.00 |
| Safety | | | | |
| Fencing | Poor | 0.50 | 1.00 | 50.00 |
| Signage & Way Finding | Poor | 0.50 | 1.00 | 50.00 |
| Ease of Supervision | Poor | 1.25 | 2.50 | 50.00 |
| Controlled Entrances | Unsat | 0.00 | 0.50 | 0.00 |
| Total For Site: | | 26.14 | 94.00 | 27.81 |

Comments

| Suitability | Rating | Score | Possible Score | Percent Score |
|--|--------|-------|----------------|---------------|
| Functionality Maintenance->General Environment-->Interior Environment The town yard buildings are old, dated and worn out. They are not inviting or stimulating, they lack natural lighting and the overall aesthetic appeal is poor. | | | | |
| Functionality Maintenance->General Environment-->Exterior Environment The exterior of the town yard buildings are difficult to access and egress making them not safe or accommodating. | | | | |
| Functionality Maintenance->Entry/Reception-->Environment The entry / reception areas in the town yard are small, dark, and lack a inviting environment. | | | | |
| Functionality Maintenance->Entry/Reception-->Size The entry / reception areas do not meet space size standards. | | | | |
| Functionality Maintenance->Entry/Reception-->Storage/Fixed Equip There is not sufficient storage in the entry / reception areas. | | | | |
| Functionality Maintenance->Staff Offices-->Environment The staff offices lack an inviting and stimulating environment, appropriate natural light, acoustical separation and overall, have poor aesthetic appeal. | | | | |
| Functionality Maintenance->Staff Offices-->Size The staff offices do not meet the space size standards. | | | | |
| Functionality Maintenance->Staff Offices-->Storage/Fixed Equip There is not sufficient storage in the town yard staff offices. | | | | |
| Functionality Maintenance->Open Offices Areas-->Environment The open office areas are not inviting or stimulating. The overall aesthetic appeal is poor. | | | | |
| Functionality Maintenance->Open Offices Areas-->Size The open office areas do not meet the space size standards. | | | | |
| Functionality Maintenance->Open Offices Areas-->Storage/Fixed Equip There is not sufficient storage in the open office areas. | | | | |
| Functionality Maintenance->Conference Rooms-->Environment There are no conference rooms available in the town yard buildings. | | | | |
| Functionality Maintenance->Conference Rooms-->Size There are no conference rooms available in the town yard buildings. | | | | |
| Functionality Maintenance->Conference Rooms-->Location There are no conference rooms available in the town yard buildings. | | | | |
| Functionality Maintenance->Conference Rooms-->Storage/Fixed Equip There are no conference rooms available in the town yard buildings. | | | | |
| Functionality Maintenance->Shop/Work Room-->Environment The shop and work room areas are outdated, lack natural light, and do not align with the operational and functional needs of the town. | | | | |
| Functionality Maintenance->Shop/Work Room-->Size The shop and work room areas do not meet the space size standards. | | | | |
| Functionality Maintenance->Shop/Work Room-->Storage/Fixed Equip There is not sufficient storage in the shop and work room areas. | | | | |
| Functionality Maintenance->Vehicle Bay/Garage-->Environment The vehicle bays and the garages in the town yard are outdated, unsafe and do not align with the operational needs of the mechanics and employees. | | | | |

| Suitability | Rating | Score | Possible Score | Percent Score |
|--|--------|-------|----------------|---------------|
| Functionality Maintenance->Vehicle Bay/Garage-->Size The vehicles bays are not large enough to accommodate the various types of vehicles and mechanical needs of the town fleet. | | | | |
| Functionality Maintenance->Vehicle Bay/Garage-->Storage/Fixed Equip The is not sufficient storage in the vehicle bay and garage areas. | | | | |
| Functionality Maintenance->Storage-->Environment The storage buildings in the town yard are old, outdated and unsafe. | | | | |
| Functionality Maintenance->Storage-->Size The numbers of storage buildings, rooms and lockers in the town yard are not sufficient to meet the operational demands of the various departments. | | | | |
| Functionality Maintenance->Storage-->Storage/Fixed Equip There is not sufficient storage for the various departments located in the town yard. | | | | |
| Functionality Maintenance->Staff Lounge-->Environment The employee lounges throughout the town yard are old, outdated, dirty, lack natural light, and have poor overall aesthetic appeal. | | | | |
| Functionality Maintenance->Staff Lounge-->Size The staff lounges are not appropriately sized for the numbers of staff and personnel using them on a daily basis. | | | | |
| Functionality Maintenance->Staff Lounge-->Storage/Fixed Equip There is not sufficient storage in the employee lounges. The fixed equipment is old outdated and in some cases is broken or in need of repair. | | | | |
| Functionality Maintenance->Restrooms-->Environment The majority of restrooms in the town yard are old outdated and in very poor condition. The fixtures are worn out and the surfaces are no longer able to be cleaned to a satisfactory condition. | | | | |
| Functionality Maintenance->Restrooms-->Size The restrooms are not of adequate size and do not meet the restroom size standards. | | | | |
| Functionality Maintenance->Restrooms-->Location A number of the restrooms are located in town yard buildings away from staff office and lounge areas. | | | | |
| Functionality Maintenance->Restrooms-->Storage/Fixed Equip There is not sufficient storage in the restrooms. | | | | |
| Functionality Maintenance->Custodial-->Environment The custodial rooms are old, outdated and in poor condition. | | | | |
| Functionality Maintenance->Custodial-->Size The custodial areas do not meet the space size standard. | | | | |
| Functionality Maintenance->Custodial-->Storage/Fixed Equip There is not sufficient storage in the custodial areas and closets. | | | | |
| Functionality Maintenance->Traffic-->Vehicular Traffic There are unsafe and dangerous parking and traffic areas within the town yard that pose a risk to employees and the general public. | | | | |
| Functionality Maintenance->Traffic-->Pedestrian Traffic There are no pedestrian crosswalks. No sidewalks are designated pedestrian areas within the town yard, which creates safety issues. | | | | |
| Functionality Maintenance->Traffic-->Parking There is no separation between town owned fleet vehicles and private employee or public vehicles. | | | | |

Project #: 7698

County: Essex

Site #: T-12
APPENDIX C BASYS Reports

Project: Assessments 2016

Region: 9

Site: Town Yard

Grade Config:

Site Type: Town

Site Size: 0.00

Suitability

Rating

Score

Possible
Score

Percent
Score

Functionality Maintenance->Safety-->Fencing

There is limited fencing in the town yard to secure areas which pose a potential safety hazard to the public.

Functionality Maintenance->Safety-->Signage & Way Finding

There is very limited signage directing the public to the various buildings in the town yard.

Functionality Maintenance->Safety-->Ease of Supervision

There are a number of areas within the yard that have limited line of sight to open roadways, roll-up doors and driveways, creating significant safety concerns.

Functionality Maintenance->Safety-->Controlled Entrances

There are no controlled access points into buildings or the yard.

Grounds Assessment

| | | | |
|------------|-------------|----------|------------------|
| Project #: | 7698 | Project: | Assessments 2016 |
| County: | Essex | Region: | 9 |
| Site: | Bancroft ES | Site #: | 0003 |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|----------------------------|------------------|-------------|--------|---------------|----------------|---------------|
| Grounds - ES | | | | | | |
| Paved Surfaces | | | | | | |
| Parking Lots | Single Component | 100.00 | New | 17.91 | 17.91 | 100.00 |
| Driveways | Single Component | 100.00 | New | 15.12 | 15.12 | 100.00 |
| Sidewalks | Single Component | 100.00 | New | 7.22 | 7.22 | 100.00 |
| Play Courts | Single Component | 100.00 | New | 8.48 | 8.48 | 100.00 |
| Landscaped Surfaces | | | | | | |
| Lawns\Gardens | Single Component | 100.00 | New | 6.39 | 6.39 | 100.00 |
| Playfields | Single Component | 100.00 | New | 4.40 | 4.40 | 100.00 |
| Irrigation System | Single Component | 100.00 | New | 4.19 | 4.19 | 100.00 |
| Playgrounds | | | | | | |
| Equipment | Single Component | 100.00 | New | 9.00 | 9.00 | 100.00 |
| Playground Surfaces | Single Component | 100.00 | New | 3.02 | 3.02 | 100.00 |
| Utilities | | | | | | |
| Water Service | Single Component | 100.00 | New | 4.71 | 4.71 | 100.00 |
| Waste Water Service | Single Component | 100.00 | New | 5.50 | 5.50 | 100.00 |
| Storm Sewer | Single Component | 100.00 | New | 3.93 | 3.93 | 100.00 |
| Site Lighting | Single Component | 100.00 | New | 2.09 | 2.09 | 100.00 |
| Fencing | | | | | | |
| | Single Component | 100.00 | New | 8.04 | 8.04 | 100.00 |
| Total For Site : | | | | 100.00 | 100.00 | 100.00 |

Comment

Grounds Assessment

| | | | |
|------------|---------------|----------|------------------|
| Project #: | 7698 | Project: | Assessments 2016 |
| County: | Essex | Region: | 9 |
| Site: | High Plain ES | Site #: | 0010 |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|----------------------------|------------------|-------------|--------|--------------|----------------|---------------|
| Grounds - ES | | | | | | |
| Paved Surfaces | | | | | | |
| Parking Lots | Single Component | 100.00 | Fair | 10.75 | 17.91 | 60.00 |
| Driveways | Single Component | 100.00 | Fair | 9.07 | 15.12 | 60.00 |
| Sidewalks | Single Component | 100.00 | New | 7.22 | 7.22 | 100.00 |
| Play Courts | Single Component | 100.00 | Good | 7.63 | 8.48 | 90.00 |
| Landscaped Surfaces | | | | | | |
| Lawns\Gardens | Single Component | 100.00 | Good | 5.75 | 6.39 | 90.00 |
| Playfields | Single Component | 100.00 | Good | 3.96 | 4.40 | 90.00 |
| Irrigation System | Single Component | 100.00 | Good | 3.77 | 4.19 | 90.00 |
| Playgrounds | | | | | | |
| Equipment | Single Component | 100.00 | Good | 8.10 | 9.00 | 90.00 |
| Playground Surfaces | Single Component | 100.00 | Good | 2.71 | 3.02 | 90.00 |
| Utilities | | | | | | |
| Water Service | Single Component | 100.00 | Good | 4.24 | 4.71 | 90.00 |
| Waste Water Service | Single Component | 100.00 | Good | 4.95 | 5.50 | 90.00 |
| Storm Sewer | Single Component | 100.00 | Good | 3.53 | 3.93 | 90.00 |
| Site Lighting | Single Component | 100.00 | Good | 1.88 | 2.09 | 90.00 |
| Fencing | | | | | | |
| Fencing | Single Component | 100.00 | Good | 7.24 | 8.04 | 90.00 |
| Total For Site : | | | | 80.81 | 100.00 | 80.81 |

Comment

Grounds - ES->Paved Surfaces-->Parking Lots
The parking lots have cracked paving.

Grounds - ES->Paved Surfaces-->Driveways
The driveways have cracked paving.

Grounds Assessment

| | | | |
|------------|------------|----------|------------------|
| Project #: | 7698 | Project: | Assessments 2016 |
| County: | Essex | Region: | 9 |
| Site: | Sanborn ES | Site #: | 0020 |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|----------------------------|------------------|-------------|--------|--------------|----------------|---------------|
| Grounds - ES | | | | | | |
| Paved Surfaces | | | | | | |
| Parking Lots | Single Component | 100.00 | Poor | 5.37 | 17.91 | 30.00 |
| Driveways | Single Component | 100.00 | Poor | 4.54 | 15.12 | 30.00 |
| Sidewalks | Single Component | 100.00 | Poor | 2.17 | 7.22 | 30.00 |
| Play Courts | Single Component | 100.00 | Poor | 2.54 | 8.48 | 30.00 |
| Landscaped Surfaces | | | | | | |
| Lawns\Gardens | Single Component | 100.00 | Good | 5.75 | 6.39 | 90.00 |
| Playfields | Single Component | 100.00 | Good | 3.96 | 4.40 | 90.00 |
| Irrigation System | Single Component | 100.00 | Good | 3.77 | 4.19 | 90.00 |
| Playgrounds | | | | | | |
| Equipment | Single Component | 100.00 | Good | 8.10 | 9.00 | 90.00 |
| Playground Surfaces | Single Component | 100.00 | Good | 2.71 | 3.02 | 90.00 |
| Utilities | | | | | | |
| Water Service | Single Component | 100.00 | Good | 4.24 | 4.71 | 90.00 |
| Waste Water Service | Single Component | 100.00 | Good | 4.95 | 5.50 | 90.00 |
| Storm Sewer | Single Component | 100.00 | Good | 3.53 | 3.93 | 90.00 |
| Site Lighting | Single Component | 100.00 | Fair | 1.26 | 2.09 | 60.00 |
| Fencing | | | | | | |
| Fencing | Single Component | 100.00 | Poor | 2.41 | 8.04 | 30.00 |
| Total For Site : | | | | 55.30 | 100.00 | 55.30 |

Comment

Grounds - ES->Paved Surfaces-->Parking Lots
The paving is cracked, potholed, and uneven.

Grounds - ES->Paved Surfaces-->Driveways
The paving is cracked, potholed, and uneven.

Grounds - ES->Paved Surfaces-->Sidewalks
The sidewalks are cracked, spalled and uneven.

Grounds - ES->Paved Surfaces-->Play Courts
The play court is cracked and uneven.

Grounds - ES->Utilities-->Site Lighting
There is insufficient site lighting.

Grounds - ES->Fencing
The fencing is in disrepair, rusting, and bent.

Grounds Assessment

| | | | |
|------------|----------|----------|------------------|
| Project #: | 7698 | Project: | Assessments 2016 |
| County: | Essex | Region: | 9 |
| Site: | South ES | Site #: | 0025 |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|----------------------------|------------------|-------------|--------|--------------|----------------|---------------|
| Grounds - ES | | | | | | |
| Paved Surfaces | | | | | | |
| Parking Lots | Single Component | 100.00 | Poor | 5.37 | 17.91 | 30.00 |
| Driveways | Single Component | 100.00 | Poor | 4.54 | 15.12 | 30.00 |
| Sidewalks | Single Component | 100.00 | Poor | 2.17 | 7.22 | 30.00 |
| Play Courts | Single Component | 100.00 | Good | 7.63 | 8.48 | 90.00 |
| Landscaped Surfaces | | | | | | |
| Lawns\Gardens | Single Component | 100.00 | Good | 5.75 | 6.39 | 90.00 |
| Playfields | Single Component | 100.00 | Good | 3.96 | 4.40 | 90.00 |
| Irrigation System | Single Component | 100.00 | Good | 3.77 | 4.19 | 90.00 |
| Playgrounds | | | | | | |
| Equipment | Single Component | 100.00 | Good | 8.10 | 9.00 | 90.00 |
| Playground Surfaces | Single Component | 100.00 | Good | 2.71 | 3.02 | 90.00 |
| Utilities | | | | | | |
| Water Service | Single Component | 100.00 | Good | 4.24 | 4.71 | 90.00 |
| Waste Water Service | Single Component | 100.00 | Good | 4.95 | 5.50 | 90.00 |
| Storm Sewer | Single Component | 100.00 | Good | 3.53 | 3.93 | 90.00 |
| Site Lighting | Single Component | 100.00 | Poor | 0.63 | 2.09 | 30.00 |
| Fencing | | | | | | |
| Fencing | Single Component | 100.00 | Good | 7.24 | 8.04 | 90.00 |
| Total For Site : | | | | 64.59 | 100.00 | 64.59 |

Comment

Grounds - ES->Paved Surfaces-->Parking Lots
The paving is cracked, potholed and uneven.

Grounds - ES->Paved Surfaces-->Driveways
The paving is cracked, potholed and uneven.

Grounds - ES->Paved Surfaces-->Sidewalks
The sidewalks are cracked, uneven, spalling and have some tripping hazards.

Grounds - ES->Utilities-->Site Lighting
The site lighting is old and minimal.

Grounds Assessment

| | | | |
|------------|---------|----------|------------------|
| Project #: | 7698 | Project: | Assessments 2016 |
| County: | Essex | Region: | 9 |
| Site: | West ES | Site #: | 0305 |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|----------------------------|------------------|-------------|--------|--------------|----------------|---------------|
| Grounds - ES | | | | | | |
| Paved Surfaces | | | | | | |
| Parking Lots | Single Component | 100.00 | Poor | 5.37 | 17.91 | 30.00 |
| Driveways | Single Component | 100.00 | Fair | 9.07 | 15.12 | 60.00 |
| Sidewalks | Single Component | 100.00 | Fair | 4.33 | 7.22 | 60.00 |
| Play Courts | Single Component | 100.00 | Fair | 5.09 | 8.48 | 60.00 |
| Landscaped Surfaces | | | | | | |
| Lawns\Gardens | Single Component | 100.00 | Good | 5.75 | 6.39 | 90.00 |
| Playfields | Single Component | 100.00 | Good | 3.96 | 4.40 | 90.00 |
| Irrigation System | Single Component | 100.00 | Good | 3.77 | 4.19 | 90.00 |
| Playgrounds | | | | | | |
| Equipment | Single Component | 100.00 | Good | 8.10 | 9.00 | 90.00 |
| Playground Surfaces | Single Component | 100.00 | Good | 2.71 | 3.02 | 90.00 |
| Utilities | | | | | | |
| Water Service | Single Component | 100.00 | Good | 4.24 | 4.71 | 90.00 |
| Waste Water Service | Single Component | 100.00 | Good | 4.95 | 5.50 | 90.00 |
| Storm Sewer | Single Component | 100.00 | Good | 3.53 | 3.93 | 90.00 |
| Site Lighting | Single Component | 100.00 | Good | 1.88 | 2.09 | 90.00 |
| Fencing | | | | | | |
| | Single Component | 100.00 | Poor | 2.41 | 8.04 | 30.00 |
| Total For Site : | | | | 65.18 | 100.00 | 65.18 |

Comment

- Grounds - ES->Paved Surfaces-->Parking Lots
The parking lots have cracked paving with potholes.
- Grounds - ES->Paved Surfaces-->Driveways
The driveways have cracked paving with potholes.
- Grounds - ES->Paved Surfaces-->Sidewalks
The sidewalks have cracks and spalled areas.
- Grounds - ES->Paved Surfaces-->Play Courts
The play court has cracks.
- Grounds - ES->Fencing
The fencing is bent and rusted.

Grounds Assessment

| | | | |
|------------|----------------------|----------|------------------|
| Project #: | 7698 | Project: | Assessments 2016 |
| County: | Essex | Region: | 9 |
| Site: | Shawsheen Pre School | Site #: | 0005 |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|----------------------------|------------------|-------------|--------|--------------|----------------|---------------|
| Grounds - ES | | | | | | |
| Paved Surfaces | | | | | | |
| Parking Lots | Single Component | 100.00 | Poor | 5.37 | 17.91 | 30.00 |
| Driveways | Single Component | 100.00 | Poor | 4.54 | 15.12 | 30.00 |
| Sidewalks | Single Component | 100.00 | Poor | 2.17 | 7.22 | 30.00 |
| Play Courts | Single Component | 100.00 | Poor | 2.54 | 8.48 | 30.00 |
| Landscaped Surfaces | | | | | | |
| Lawns\Gardens | Single Component | 100.00 | Good | 5.75 | 6.39 | 90.00 |
| Playfields | Single Component | 100.00 | Good | 3.96 | 4.40 | 90.00 |
| Irrigation System | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Playgrounds | | | | | | |
| Equipment | Single Component | 100.00 | Good | 8.10 | 9.00 | 90.00 |
| Playground Surfaces | Single Component | 100.00 | Good | 2.71 | 3.02 | 90.00 |
| Utilities | | | | | | |
| Water Service | Single Component | 100.00 | Good | 4.24 | 4.71 | 90.00 |
| Waste Water Service | Single Component | 100.00 | Good | 4.95 | 5.50 | 90.00 |
| Storm Sewer | Single Component | 100.00 | Good | 3.53 | 3.93 | 90.00 |
| Site Lighting | Single Component | 100.00 | Unsat | 0.00 | 2.09 | 0.00 |
| Fencing | | | | | | |
| | Single Component | 100.00 | Poor | 2.41 | 8.04 | 30.00 |
| Total For Site : | | | | 50.28 | 95.81 | 52.48 |

Comment

- Grounds - ES->Paved Surfaces-->Parking Lots
The parking lots have cracked paving with potholes and uneven areas.
- Grounds - ES->Paved Surfaces-->Driveways
The driveways have cracked, uneven paving with potholes.
- Grounds - ES->Paved Surfaces-->Sidewalks
The sidewalks have cracks and are uneven.
- Grounds - ES->Paved Surfaces-->Play Courts
The play court has cracks and uneven areas.
- Grounds - ES->Utilities-->Site Lighting
There is no site lighting.
- Grounds - ES->Fencing
The fencing is bent, rusted and needs repair.

Grounds Assessment

| | | | |
|------------|------------|----------|------------------|
| Project #: | 7698 | Project: | Assessments 2016 |
| County: | Essex | Region: | 9 |
| Site: | Doherty MS | Site #: | 0310 |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|----------------------------|---------------------|------------------|--------|-------|----------------|---------------|
| Grounds - MS | | | | | | |
| Paved Surfaces | | | | | | |
| | Parking Lots | Single Component | 100.00 | New | 21.28 | 100.00 |
| | Driveways | Single Component | 100.00 | New | 22.79 | 100.00 |
| | Sidewalks | Single Component | 100.00 | New | 10.48 | 100.00 |
| | Play Courts | Single Component | 100.00 | New | 2.90 | 100.00 |
| Landscaped Surfaces | | | | | | |
| | Lawns\Gardens | Single Component | 100.00 | New | 10.04 | 100.00 |
| | Playfields\Track | Single Component | 100.00 | New | 6.82 | 100.00 |
| | Irrigation System | Single Component | 100.00 | New | 4.30 | 100.00 |
| Playgrounds | | | | | | |
| | Equipment | Single Component | 100.00 | New | 1.08 | 100.00 |
| Utilities | | | | | | |
| | Water Service | Single Component | 100.00 | New | 4.84 | 100.00 |
| | Waste Water Service | Single Component | 100.00 | New | 5.64 | 100.00 |
| | Storm Sewer | Single Component | 100.00 | New | 4.03 | 100.00 |
| | Site Lighting | Single Component | 100.00 | New | 3.23 | 100.00 |
| Fencing | | | | | | |
| | | Single Component | 100.00 | New | 2.58 | 100.00 |

Total For Site : **100.00** **100.00** **100.00**

Comment

Grounds Assessment

| | | | |
|------------|---------|----------|------------------|
| Project #: | 7698 | Project: | Assessments 2016 |
| County: | Essex | Region: | 9 |
| Site: | West MS | Site #: | 0350 |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|----------------------------|------------------|-------------|--------|-------|----------------|---------------|
| Grounds - MS | | | | | | |
| Paved Surfaces | | | | | | |
| Parking Lots | Single Component | 100.00 | New | 21.28 | 21.28 | 100.00 |
| Driveways | Single Component | 100.00 | New | 22.79 | 22.79 | 100.00 |
| Sidewalks | Single Component | 100.00 | New | 10.48 | 10.48 | 100.00 |
| Play Courts | Single Component | 100.00 | Good | 2.61 | 2.90 | 90.00 |
| Landscaped Surfaces | | | | | | |
| Lawns\Gardens | Single Component | 100.00 | Good | 9.04 | 10.04 | 90.00 |
| Playfields\Track | Single Component | 100.00 | Good | 6.13 | 6.82 | 90.00 |
| Irrigation System | Single Component | 100.00 | Good | 3.87 | 4.30 | 90.00 |
| Playgrounds | | | | | | |
| Equipment | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Utilities | | | | | | |
| Water Service | Single Component | 100.00 | Good | 4.35 | 4.84 | 90.00 |
| Waste Water Service | Single Component | 100.00 | Fair | 3.39 | 5.64 | 60.00 |
| Storm Sewer | Single Component | 100.00 | Good | 3.63 | 4.03 | 90.00 |
| Site Lighting | Single Component | 100.00 | New | 3.23 | 3.23 | 100.00 |
| Fencing | | | | | | |
| | Single Component | 100.00 | Good | 2.32 | 2.58 | 90.00 |

Total For Site : **93.12** **98.93** **94.13**

Comment

Grounds - MS->Utilities-->Waste Water Service
 One waste line lacks sufficient slope (fall) and requires frequent maintenance.

Grounds Assessment

| | | | |
|------------|-------------|----------|------------------|
| Project #: | 7698 | Project: | Assessments 2016 |
| County: | Essex | Region: | 9 |
| Site: | Woodhill MS | Site #: | 0004 |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|----------------------------|------------------|-------------|--------|-------|----------------|---------------|
| Grounds - MS | | | | | | |
| Paved Surfaces | | | | | | |
| Parking Lots | Single Component | 100.00 | Fair | 12.77 | 21.28 | 60.00 |
| Driveways | Single Component | 100.00 | Fair | 13.67 | 22.79 | 60.00 |
| Sidewalks | Single Component | 100.00 | New | 10.48 | 10.48 | 100.00 |
| Play Courts | Single Component | 100.00 | Good | 2.61 | 2.90 | 90.00 |
| Landscaped Surfaces | | | | | | |
| Lawns\Gardens | Single Component | 100.00 | Good | 9.04 | 10.04 | 90.00 |
| Playfields\Track | Single Component | 100.00 | Good | 6.13 | 6.82 | 90.00 |
| Irrigation System | Single Component | 100.00 | Good | 3.87 | 4.30 | 90.00 |
| Playgrounds | | | | | | |
| Equipment | Single Component | 100.00 | Good | 0.97 | 1.08 | 90.00 |
| Utilities | | | | | | |
| Water Service | Single Component | 100.00 | Good | 4.35 | 4.84 | 90.00 |
| Waste Water Service | Single Component | 100.00 | Good | 5.08 | 5.64 | 90.00 |
| Storm Sewer | Single Component | 100.00 | Good | 3.63 | 4.03 | 90.00 |
| Site Lighting | Single Component | 100.00 | Good | 2.90 | 3.23 | 90.00 |
| Fencing | | | | | | |
| Fencing | Single Component | 100.00 | Good | 2.32 | 2.58 | 90.00 |

Total For Site : **77.83** **100.00** **77.83**

Comment

Grounds - MS->Paved Surfaces-->Parking Lots
The parking lot paving has cracks.

Grounds - MS->Paved Surfaces-->Driveways
The driveway paving has cracks.

Grounds Assessment

| | | | |
|------------|------------|----------|------------------|
| Project #: | 7698 | Project: | Assessments 2016 |
| County: | Essex | Region: | 9 |
| Site: | Andover HS | Site #: | 0505 |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|----------------------------|---------------------|------------------|--------|-------|----------------|---------------|
| Grounds - HS | | | | | | |
| Paved Surfaces | | | | | | |
| | Parking Lots | Single Component | 100.00 | Fair | 11.47 | 60.00 |
| | Driveways | Single Component | 100.00 | Poor | 4.17 | 30.00 |
| | Sidewalks | Single Component | 100.00 | Fair | 3.36 | 60.00 |
| | Athletic Courts | Single Component | 100.00 | Good | 6.72 | 90.00 |
| | Track | Single Component | 100.00 | Unsat | 0.00 | 0.00 |
| Landscaped Surfaces | | | | | | |
| | Lawns\Gardens | Single Component | 100.00 | Good | 4.33 | 90.00 |
| | Athletic\Playfields | Single Component | 100.00 | Poor | 5.60 | 30.00 |
| | Irrigation System | Single Component | 100.00 | Good | 2.02 | 90.00 |
| Utilities | | | | | | |
| | Water Service | Single Component | 100.00 | Good | 0.76 | 90.00 |
| | Waste Water Service | Single Component | 100.00 | Good | 0.88 | 90.00 |
| | Storm Sewer | Single Component | 100.00 | Good | 0.63 | 90.00 |
| | Site Lighting | Single Component | 100.00 | Good | 0.67 | 90.00 |
| Fencing | | | | | | |
| | | Single Component | 100.00 | Poor | 1.88 | 30.00 |

Total For Site : **42.49** **100.00** **42.49**

Comment

Grounds - HS->Paved Surfaces-->Parking Lots

The parking lots have some cracking in the pavement.

Grounds - HS->Paved Surfaces-->Driveways

The driveways have cracking and potholes in the paving.

Grounds - HS->Paved Surfaces-->Sidewalks

The sidewalks have minor cracking and spalling.

Grounds - HS->Paved Surfaces-->Track

The track is at end of its service life.

Grounds - HS->Landscaped Surfaces-->Athletic\Playfields

The turf field is at the end of its service life.

Grounds - HS->Fencing

The fencing requires on-going repair.

Grounds Assessment

| | | | |
|------------|--------------------------|----------|------------------|
| Project #: | 7698 | Project: | Assessments 2016 |
| County: | Essex | Region: | 9 |
| Site: | Ballardvale Fire station | Site #: | T-1 |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|----------------------------|------------------|-------------|--------|--------------|----------------|---------------|
| Grounds - ES | | | | | | |
| Paved Surfaces | | | | | | |
| Parking Lots | Single Component | 100.00 | Poor | 5.37 | 17.91 | 30.00 |
| Driveways | Single Component | 100.00 | Poor | 4.54 | 15.12 | 30.00 |
| Sidewalks | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Play Courts | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Landscaped Surfaces | | | | | | |
| Lawns\Gardens | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Playfields | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Irrigation System | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Playgrounds | | | | | | |
| Equipment | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Playground Surfaces | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Utilities | | | | | | |
| Water Service | Single Component | 100.00 | Good | 4.24 | 4.71 | 90.00 |
| Waste Water Service | Single Component | 100.00 | Good | 4.95 | 5.50 | 90.00 |
| Storm Sewer | Single Component | 100.00 | Good | 3.53 | 3.93 | 90.00 |
| Site Lighting | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Fencing | | | | | | |
| Fencing | Single Component | 100.00 | Fair | 4.82 | 8.04 | 60.00 |
| Total For Site : | | | | 27.46 | 55.21 | 49.73 |

Comment

- Grounds - ES->Paved Surfaces-->Parking Lots
The paving has cracks, potholes and uneven areas.
- Grounds - ES->Paved Surfaces-->Driveways
The paving has cracks, potholes and uneven areas.
- Grounds - ES->Fencing
The fence has minor damage.

Grounds Assessment

| | | | |
|------------|---------------|----------|------------------|
| Project #: | 7698 | Project: | Assessments 2016 |
| County: | Essex | Region: | 9 |
| Site: | Public Safety | Site #: | T-5 |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|----------------------------|------------------|-------------|--------|--------------|----------------|---------------|
| Grounds - ES | | | | | | |
| Paved Surfaces | | | | | | |
| Parking Lots | Single Component | 100.00 | Good | 16.12 | 17.91 | 90.00 |
| Driveways | Single Component | 100.00 | Good | 13.61 | 15.12 | 90.00 |
| Sidewalks | Single Component | 100.00 | Good | 6.50 | 7.22 | 90.00 |
| Play Courts | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Landscaped Surfaces | | | | | | |
| Lawns\Gardens | Single Component | 100.00 | Good | 5.75 | 6.39 | 90.00 |
| Playfields | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Irrigation System | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Playgrounds | | | | | | |
| Equipment | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Playground Surfaces | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Utilities | | | | | | |
| Water Service | Single Component | 100.00 | Good | 4.24 | 4.71 | 90.00 |
| Waste Water Service | Single Component | 100.00 | Good | 4.95 | 5.50 | 90.00 |
| Storm Sewer | Single Component | 100.00 | Good | 3.53 | 3.93 | 90.00 |
| Site Lighting | Single Component | 100.00 | Good | 1.88 | 2.09 | 90.00 |
| Fencing | | | | | | |
| | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Total For Site : | | | | 56.59 | 62.87 | 90.00 |

Comment

Grounds Assessment

| | | | |
|------------|-------------------|----------|------------------|
| Project #: | 7698 | Project: | Assessments 2016 |
| County: | Essex | Region: | 9 |
| Site: | West Fire station | Site #: | T-11 |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|----------------------------|------------------|-------------|--------|--------------|----------------|---------------|
| Grounds - ES | | | | | | |
| Paved Surfaces | | | | | | |
| Parking Lots | Single Component | 100.00 | Poor | 5.37 | 17.91 | 30.00 |
| Driveways | Single Component | 100.00 | Poor | 4.54 | 15.12 | 30.00 |
| Sidewalks | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Play Courts | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Landscaped Surfaces | | | | | | |
| Lawns\Gardens | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Playfields | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Irrigation System | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Playgrounds | | | | | | |
| Equipment | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Playground Surfaces | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Utilities | | | | | | |
| Water Service | Single Component | 100.00 | Good | 4.24 | 4.71 | 90.00 |
| Waste Water Service | Single Component | 100.00 | Good | 4.95 | 5.50 | 90.00 |
| Storm Sewer | Single Component | 100.00 | Good | 3.53 | 3.93 | 90.00 |
| Site Lighting | Single Component | 100.00 | Good | 1.88 | 2.09 | 90.00 |
| Fencing | | | | | | |
| | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Total For Site : | | | | 24.52 | 49.26 | 49.77 |

Comment

Grounds - ES->Paved Surfaces-->Parking Lots
The paving has cracks, potholes and needs stripping.

Grounds - ES->Paved Surfaces-->Driveways
The paving has cracks and is uneven.

Grounds Assessment

| | | | |
|------------|--------------------|----------|------------------|
| Project #: | 7698 | Project: | Assessments 2016 |
| County: | Essex | Region: | 9 |
| Site: | Center at Punchard | Site #: | T-2 |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|----------------------------|------------------|-------------|--------|--------------|----------------|---------------|
| Grounds - ES | | | | | | |
| Paved Surfaces | | | | | | |
| Parking Lots | Single Component | 100.00 | Poor | 5.37 | 17.91 | 30.00 |
| Driveways | Single Component | 100.00 | Poor | 4.54 | 15.12 | 30.00 |
| Sidewalks | Single Component | 100.00 | Good | 6.50 | 7.22 | 90.00 |
| Play Courts | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Landscaped Surfaces | | | | | | |
| Lawns\Gardens | Single Component | 100.00 | Good | 5.75 | 6.39 | 90.00 |
| Playfields | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Irrigation System | Single Component | 100.00 | Good | 3.77 | 4.19 | 90.00 |
| Playgrounds | | | | | | |
| Equipment | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Playground Surfaces | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Utilities | | | | | | |
| Water Service | Single Component | 100.00 | Good | 4.24 | 4.71 | 90.00 |
| Waste Water Service | Single Component | 100.00 | Good | 4.95 | 5.50 | 90.00 |
| Storm Sewer | Single Component | 100.00 | Good | 3.53 | 3.93 | 90.00 |
| Site Lighting | Single Component | 100.00 | Good | 1.88 | 2.09 | 90.00 |
| Fencing | | | | | | |
| | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Total For Site : | | | | 40.54 | 67.06 | 60.45 |

Comment

Grounds - ES->Paved Surfaces-->Parking Lots
The paving has some cracks.

Grounds - ES->Paved Surfaces-->Driveways
The paving has some cracks.

Grounds Assessment

| | | | |
|------------|-----------------------|----------|------------------|
| Project #: | 7698 | Project: | Assessments 2016 |
| County: | Essex | Region: | 9 |
| Site: | Memorial Hall Library | Site #: | T-3 |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|----------------------------|------------------|-------------|--------|--------------|----------------|---------------|
| Grounds - ES | | | | | | |
| Paved Surfaces | | | | | | |
| Parking Lots | Single Component | 100.00 | Fair | 10.75 | 17.91 | 60.00 |
| Driveways | Single Component | 100.00 | Fair | 9.07 | 15.12 | 60.00 |
| Sidewalks | Single Component | 100.00 | Good | 6.50 | 7.22 | 90.00 |
| Play Courts | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Landscaped Surfaces | | | | | | |
| Lawns\Gardens | Single Component | 100.00 | Good | 5.75 | 6.39 | 90.00 |
| Playfields | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Irrigation System | Single Component | 100.00 | Good | 3.77 | 4.19 | 90.00 |
| Playgrounds | | | | | | |
| Equipment | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Playground Surfaces | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Utilities | | | | | | |
| Water Service | Single Component | 100.00 | Good | 4.24 | 4.71 | 90.00 |
| Waste Water Service | Single Component | 100.00 | Good | 4.95 | 5.50 | 90.00 |
| Storm Sewer | Single Component | 100.00 | Good | 3.53 | 3.93 | 90.00 |
| Site Lighting | Single Component | 100.00 | Good | 1.88 | 2.09 | 90.00 |
| Fencing | | | | | | |
| | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Total For Site : | | | | 50.45 | 67.06 | 75.22 |

Comment

Grounds - ES->Paved Surfaces-->Parking Lots
The paving has cracks.

Grounds - ES->Paved Surfaces-->Driveways
The paving has cracks.

Grounds Assessment

| | | | |
|------------|---------------|----------|------------------|
| Project #: | 7698 | Project: | Assessments 2016 |
| County: | Essex | Region: | 9 |
| Site: | Old Town Hall | Site #: | T-4 |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|----------------------------|------------------|-------------|--------|--------------|----------------|---------------|
| Grounds - ES | | | | | | |
| Paved Surfaces | | | | | | |
| Parking Lots | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Driveways | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Sidewalks | Single Component | 100.00 | Good | 6.50 | 7.22 | 90.00 |
| Play Courts | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Landscaped Surfaces | | | | | | |
| Lawns\Gardens | Single Component | 100.00 | Good | 5.75 | 6.39 | 90.00 |
| Playfields | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Irrigation System | Single Component | 100.00 | Good | 3.77 | 4.19 | 90.00 |
| Playgrounds | | | | | | |
| Equipment | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Playground Surfaces | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Utilities | | | | | | |
| Water Service | Single Component | 100.00 | Good | 4.24 | 4.71 | 90.00 |
| Waste Water Service | Single Component | 100.00 | Good | 4.95 | 5.50 | 90.00 |
| Storm Sewer | Single Component | 100.00 | Good | 3.53 | 3.93 | 90.00 |
| Site Lighting | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Fencing | | | | | | |
| | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Total For Site : | | | | 28.74 | 31.93 | 90.00 |

Comment

Grounds Assessment

| | | | |
|------------|-----------------------|----------|------------------|
| Project #: | 7698 | Project: | Assessments 2016 |
| County: | Essex | Region: | 9 |
| Site: | School Administration | Site #: | T-7 |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|----------------------------|------------------|-------------|--------|--------------|----------------|---------------|
| Grounds - ES | | | | | | |
| Paved Surfaces | | | | | | |
| Parking Lots | Single Component | 100.00 | Poor | 5.37 | 17.91 | 30.00 |
| Driveways | Single Component | 100.00 | Poor | 4.54 | 15.12 | 30.00 |
| Sidewalks | Single Component | 100.00 | Good | 6.50 | 7.22 | 90.00 |
| Play Courts | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Landscaped Surfaces | | | | | | |
| Lawns\Gardens | Single Component | 100.00 | Good | 5.75 | 6.39 | 90.00 |
| Playfields | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Irrigation System | Single Component | 100.00 | Good | 3.77 | 4.19 | 90.00 |
| Playgrounds | | | | | | |
| Equipment | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Playground Surfaces | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Utilities | | | | | | |
| Water Service | Single Component | 100.00 | Good | 4.24 | 4.71 | 90.00 |
| Waste Water Service | Single Component | 100.00 | Good | 4.95 | 5.50 | 90.00 |
| Storm Sewer | Single Component | 100.00 | Good | 3.53 | 3.93 | 90.00 |
| Site Lighting | Single Component | 100.00 | Good | 1.88 | 2.09 | 90.00 |
| Fencing | | | | | | |
| Fencing | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Total For Site : | | | | 40.54 | 67.06 | 60.45 |

Comment

Grounds - ES->Paved Surfaces-->Parking Lots
The paving is cracked and potholed.

Grounds - ES->Paved Surfaces-->Driveways
The paving is cracked and potholed.

Grounds Assessment

| | | | |
|------------|--------------|----------|------------------|
| Project #: | 7698 | Project: | Assessments 2016 |
| County: | Essex | Region: | 9 |
| Site: | Town Offices | Site #: | T-9 |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|----------------------------|------------------|-------------|--------|--------------|----------------|---------------|
| Grounds - ES | | | | | | |
| Paved Surfaces | | | | | | |
| Parking Lots | Single Component | 100.00 | Poor | 5.37 | 17.91 | 30.00 |
| Driveways | Single Component | 100.00 | Poor | 4.54 | 15.12 | 30.00 |
| Sidewalks | Single Component | 100.00 | Good | 6.50 | 7.22 | 90.00 |
| Play Courts | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Landscaped Surfaces | | | | | | |
| Lawns\Gardens | Single Component | 100.00 | Good | 5.75 | 6.39 | 90.00 |
| Playfields | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Irrigation System | Single Component | 100.00 | Good | 3.77 | 4.19 | 90.00 |
| Playgrounds | | | | | | |
| Equipment | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Playground Surfaces | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Utilities | | | | | | |
| Water Service | Single Component | 100.00 | Good | 4.24 | 4.71 | 90.00 |
| Waste Water Service | Single Component | 100.00 | Good | 4.95 | 5.50 | 90.00 |
| Storm Sewer | Single Component | 100.00 | Good | 3.53 | 3.93 | 90.00 |
| Site Lighting | Single Component | 100.00 | Good | 1.88 | 2.09 | 90.00 |
| Fencing | | | | | | |
| | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Total For Site : | | | | 40.54 | 67.06 | 60.45 |

Comment

Grounds - ES->Paved Surfaces-->Parking Lots
The paving is cracked and potholed.

Grounds - ES->Paved Surfaces-->Driveways
The paving is cracked and potholed.

Grounds Assessment

| | | | |
|------------|-----------------------|----------|------------------|
| Project #: | 7698 | Project: | Assessments 2016 |
| County: | Essex | Region: | 9 |
| Site: | Water Treatment Plant | Site #: | T-10 |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|----------------------------|------------------|-------------|--------|--------------|----------------|---------------|
| Grounds - ES | | | | | | |
| Paved Surfaces | | | | | | |
| Parking Lots | Single Component | 100.00 | Fair | 10.75 | 17.91 | 60.00 |
| Driveways | Single Component | 100.00 | Good | 13.61 | 15.12 | 90.00 |
| Sidewalks | Single Component | 100.00 | Good | 6.50 | 7.22 | 90.00 |
| Play Courts | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Landscaped Surfaces | | | | | | |
| Lawns\Gardens | Single Component | 100.00 | Good | 5.75 | 6.39 | 90.00 |
| Playfields | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Irrigation System | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Playgrounds | | | | | | |
| Equipment | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Playground Surfaces | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Utilities | | | | | | |
| Water Service | Single Component | 100.00 | Good | 4.24 | 4.71 | 90.00 |
| Waste Water Service | Single Component | 100.00 | Good | 4.95 | 5.50 | 90.00 |
| Storm Sewer | Single Component | 100.00 | Good | 3.53 | 3.93 | 90.00 |
| Site Lighting | Single Component | 100.00 | Good | 1.88 | 2.09 | 90.00 |
| Fencing | | | | | | |
| | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Total For Site : | | | | 51.21 | 62.87 | 81.45 |

Comment

Grounds - ES->Paved Surfaces-->Parking Lots
 The paving is cracked and needs stripping.

Grounds Assessment

| | | | |
|------------|-----------------------------------|----------|------------------|
| Project #: | 7698 | Project: | Assessments 2016 |
| County: | Essex | Region: | 9 |
| Site: | Red Spring Road Maintenance Bldg. | Site #: | T-6 |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|----------------------------|------------------|-------------|--------|--------------|----------------|---------------|
| Grounds - ES | | | | | | |
| Paved Surfaces | | | | | | |
| Parking Lots | Single Component | 100.00 | Fair | 10.75 | 17.91 | 60.00 |
| Driveways | Single Component | 100.00 | Good | 13.61 | 15.12 | 90.00 |
| Sidewalks | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Play Courts | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Landscaped Surfaces | | | | | | |
| Lawns\Gardens | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Playfields | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Irrigation System | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Playgrounds | | | | | | |
| Equipment | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Playground Surfaces | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Utilities | | | | | | |
| Water Service | Single Component | 100.00 | New | 4.71 | 4.71 | 100.00 |
| Waste Water Service | Single Component | 100.00 | Good | 4.95 | 5.50 | 90.00 |
| Storm Sewer | Single Component | 100.00 | Good | 3.53 | 3.93 | 90.00 |
| Site Lighting | Single Component | 100.00 | Fair | 1.26 | 2.09 | 60.00 |
| Fencing | | | | | | |
| | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Total For Site : | | | | 38.80 | 49.26 | 78.77 |

Comment

Grounds - ES->Paved Surfaces-->Parking Lots
The paving has cracks.

Grounds - ES->Utilities-->Site Lighting
There is insufficient site lighting.

Grounds Assessment

| | | | |
|------------|-----------------------|----------|------------------|
| Project #: | 7698 | Project: | Assessments 2016 |
| County: | Essex | Region: | 9 |
| Site: | Spring Grove Cemetery | Site #: | T-8 |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|----------------------------|------------------|-------------|--------|--------------|----------------|---------------|
| Grounds - ES | | | | | | |
| Paved Surfaces | | | | | | |
| Parking Lots | Single Component | 100.00 | Poor | 5.37 | 17.91 | 30.00 |
| Driveways | Single Component | 100.00 | Fair | 9.07 | 15.12 | 60.00 |
| Sidewalks | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Play Courts | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Landscaped Surfaces | | | | | | |
| Lawns\Gardens | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Playfields | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Irrigation System | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Playgrounds | | | | | | |
| Equipment | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Playground Surfaces | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Utilities | | | | | | |
| Water Service | Single Component | 100.00 | Good | 4.24 | 4.71 | 90.00 |
| Waste Water Service | Single Component | 100.00 | Good | 4.95 | 5.50 | 90.00 |
| Storm Sewer | Single Component | 100.00 | Good | 3.53 | 3.93 | 90.00 |
| Site Lighting | Single Component | 100.00 | Poor | 0.63 | 2.09 | 30.00 |
| Fencing | | | | | | |
| Fencing | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Total For Site : | | | | 27.80 | 49.26 | 56.42 |

Comment

- Grounds - ES->Paved Surfaces-->Parking Lots
The paving is cracked, uneven, potholed, and needs stripping.
- Grounds - ES->Paved Surfaces-->Driveways
The paving is cracked.
- Grounds - ES->Utilities-->Site Lighting
There is insufficient site lighting.

Grounds Assessment

| | | |
|-----------------|---------------------------|--------------|
| Project #: 7698 | Project: Assessments 2016 | |
| County: Essex | Region: 9 | Site #: T-12 |
| Site: Town Yard | | |

| Systems | Component(s) | % of System | Rating | Score | Possible Score | Percent Score |
|----------------------------|------------------|-------------|--------|--------------|----------------|---------------|
| Grounds - ES | | | | | | |
| Paved Surfaces | | | | | | |
| Parking Lots | Front lot | 40.00 | Poor | 2.15 | 7.17 | 30.00 |
| | Rear lot | 60.00 | Unsat | 0.00 | 10.75 | 0.00 |
| System Total : | | | | 2.15 | 17.91 | 12.00 |
| Driveways | Single Component | 100.00 | Poor | 4.54 | 15.12 | 30.00 |
| Sidewalks | Single Component | 100.00 | Good | 6.50 | 7.22 | 90.00 |
| Play Courts | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Landscaped Surfaces | | | | | | |
| Lawns\Gardens | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Playfields | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Irrigation System | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Playgrounds | | | | | | |
| Equipment | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Playground Surfaces | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Utilities | | | | | | |
| Water Service | Single Component | 100.00 | Good | 4.24 | 4.71 | 90.00 |
| Waste Water Service | Single Component | 100.00 | Good | 4.95 | 5.50 | 90.00 |
| Storm Sewer | Single Component | 100.00 | Good | 3.53 | 3.93 | 90.00 |
| Site Lighting | Single Component | 100.00 | Poor | 0.63 | 2.09 | 30.00 |
| Fencing | | | | | | |
| | Single Component | 0.00 | (N/A) | 0.00 | 0.00 | 0.00 |
| Total For Site : | | | | 26.54 | 56.49 | 46.98 |

Comment

Grounds - ES->Paved Surfaces-->Parking Lots (Front lot)

The paving is cracked, potholed, and uneven.

Grounds - ES->Paved Surfaces-->Parking Lots (Rear lot)

The rear lot is not paved in areas.

Grounds - ES->Paved Surfaces-->Driveways

The driveway paving is cracked, potholed and uneven.

Grounds - ES->Utilities-->Site Lighting

There is insufficient site lighting.

Technology Readiness Report - Full

Project #: 7698

County: Essex

Site #: 0003

Project: Assessments 2016

Region: 9

Site: Bancroft ES

| Technology Readiness | Rating | Score | Possible Score | Percent Score |
|---------------------------------------|--------|---------------|----------------|---------------|
| Technology Readiness | | | | |
| Comm\IT Equipment Environment\Storage | Good | 15.00 | 15.00 | 100.00 |
| Electrical Power | Good | 10.00 | 10.00 | 100.00 |
| Cooling | Good | 10.00 | 10.00 | 100.00 |
| Equity of Access | Good | 10.00 | 10.00 | 100.00 |
| LAN Connectivity | Good | 15.00 | 15.00 | 100.00 |
| WAN Backbone | Good | 10.00 | 10.00 | 100.00 |
| LAN-WAN Performance | Good | 10.00 | 10.00 | 100.00 |
| Video Distribution | Good | 5.00 | 5.00 | 100.00 |
| Voice Distribution | Good | 5.00 | 5.00 | 100.00 |
| Faculty & Staff Technology | Good | 10.00 | 10.00 | 100.00 |
| Total For Site: | | 100.00 | 100.00 | 100.00 |

Comments

Technology Readiness Report - Full

Project #: 7698

County: Essex

Site #: 0010

Project: Assessments 2016

Region: 9

Site: High Plain ES

| Technology Readiness | Rating | Score | Possible Score | Percent Score |
|---------------------------------------|--------|--------------|----------------|---------------|
| Technology Readiness | | | | |
| Comm\IT Equipment Environment\Storage | Good | 15.00 | 15.00 | 100.00 |
| Electrical Power | Good | 10.00 | 10.00 | 100.00 |
| Cooling | Unsat | 0.00 | 10.00 | 0.00 |
| Equity of Access | Good | 10.00 | 10.00 | 100.00 |
| LAN Connectivity | Poor | 4.95 | 15.00 | 33.00 |
| WAN Backbone | Good | 10.00 | 10.00 | 100.00 |
| LAN-WAN Performance | Good | 10.00 | 10.00 | 100.00 |
| Video Distribution | Good | 5.00 | 5.00 | 100.00 |
| Voice Distribution | Good | 5.00 | 5.00 | 100.00 |
| Faculty & Staff Technology | Good | 10.00 | 10.00 | 100.00 |
| Total For Site: | | 79.95 | 100.00 | 79.95 |

Comments

Technology Readiness->Cooling
Rooms either too cold or too hot.

Technology Readiness->LAN Connectivity
The school is completely wireless, and the district has a BYOD program .

Technology Readiness Report - Full

Project #: 7698

County: Essex

Site #: 0020

Project: Assessments 2016

Region: 9

Site: Sanborn ES

| Technology Readiness | Rating | Score | Possible Score | Percent Score |
|---------------------------------------|--------|--------------|----------------|---------------|
| Technology Readiness | | | | |
| Comm\IT Equipment Environment\Storage | Fair | 7.50 | 15.00 | 50.00 |
| Electrical Power | Fair | 5.00 | 10.00 | 50.00 |
| Cooling | Unsat | 0.00 | 10.00 | 0.00 |
| Equity of Access | Good | 10.00 | 10.00 | 100.00 |
| LAN Connectivity | Good | 15.00 | 15.00 | 100.00 |
| WAN Backbone | Good | 10.00 | 10.00 | 100.00 |
| LAN-WAN Performance | Good | 10.00 | 10.00 | 100.00 |
| Video Distribution | Good | 5.00 | 5.00 | 100.00 |
| Voice Distribution | Fair | 2.50 | 5.00 | 50.00 |
| Faculty & Staff Technology | Good | 10.00 | 10.00 | 100.00 |
| Total For Site: | | 75.00 | 100.00 | 75.00 |

Comments

Technology Readiness->Comm\IT Equipment Environment\Storage
 The IT equipment is not in a secure, designated room that is air conditioned.

Technology Readiness->Electrical Power
 Some rooms lack sufficient electrical outlets.

Technology Readiness->Cooling
 There is insufficient air conditioning.

Technology Readiness->Voice Distribution
 The classrooms have intercom but no phones. The cell reception at the school is poor.

Technology Readiness Report - Full

Project #: 7698

County: Essex

Site #: 0025

Project: Assessments 2016

Region: 9

Site: South ES

| Technology Readiness | Rating | Score | Possible Score | Percent Score |
|---------------------------------------|--------|--------------|----------------|---------------|
| Technology Readiness | | | | |
| Comm\IT Equipment Environment\Storage | Fair | 7.50 | 15.00 | 50.00 |
| Electrical Power | Good | 10.00 | 10.00 | 100.00 |
| Cooling | Good | 10.00 | 10.00 | 100.00 |
| Equity of Access | Good | 10.00 | 10.00 | 100.00 |
| LAN Connectivity | Good | 15.00 | 15.00 | 100.00 |
| WAN Backbone | Good | 10.00 | 10.00 | 100.00 |
| LAN-WAN Performance | Good | 10.00 | 10.00 | 100.00 |
| Video Distribution | Good | 5.00 | 5.00 | 100.00 |
| Voice Distribution | Good | 5.00 | 5.00 | 100.00 |
| Faculty & Staff Technology | Good | 10.00 | 10.00 | 100.00 |
| Total For Site: | | 92.50 | 100.00 | 92.50 |

Comments

Technology Readiness->Comm\IT Equipment Environment\Storage

Some IT equipment is not located in a space designed for that purpose and is not air conditioned.

Technology Readiness Report - Full

Project #: 7698

County: Essex

Site #: 0305

Project: Assessments 2016

Region: 9

Site: West ES

| Technology Readiness | Rating | Score | Possible Score | Percent Score |
|---------------------------------------|--------|--------------|----------------|---------------|
| Technology Readiness | | | | |
| Comm\IT Equipment Environment\Storage | Good | 15.00 | 15.00 | 100.00 |
| Electrical Power | Good | 10.00 | 10.00 | 100.00 |
| Cooling | Unsat | 0.00 | 10.00 | 0.00 |
| Equity of Access | Good | 10.00 | 10.00 | 100.00 |
| LAN Connectivity | Good | 15.00 | 15.00 | 100.00 |
| WAN Backbone | Good | 10.00 | 10.00 | 100.00 |
| LAN-WAN Performance | Fair | 6.70 | 10.00 | 67.00 |
| Video Distribution | Unsat | 0.00 | 5.00 | 0.00 |
| Voice Distribution | Good | 5.00 | 5.00 | 100.00 |
| Faculty & Staff Technology | Poor | 3.30 | 10.00 | 33.00 |
| Total For Site: | | 75.00 | 100.00 | 75.00 |

Comments

Technology Readiness->Cooling

The space is not air conditioned and school gets very warm in spring and summer.

Technology Readiness->LAN-WAN Performance

LAN-WAN Performance is not consistently reliable throughout the building.

Technology Readiness->Video Distribution

Video cannot be distributed due to poor LAN WAN performance.

Technology Readiness->Faculty & Staff Technology

There were few faculty stations with hardwire connections.

Technology Readiness Report - Full

Project #: 7698

County: Essex

Site #: 0005

Project: Assessments 2016

Region: 9

Site: Shawsheen Pre School

| Technology Readiness | Rating | Score | Possible Score | Percent Score |
|---------------------------------------|--------|--------------|----------------|---------------|
| Technology Readiness | | | | |
| Comm\IT Equipment Environment\Storage | Good | 15.00 | 15.00 | 100.00 |
| Electrical Power | Good | 10.00 | 10.00 | 100.00 |
| Cooling | Unsat | 0.00 | 10.00 | 0.00 |
| Equity of Access | Good | 10.00 | 10.00 | 100.00 |
| LAN Connectivity | Good | 15.00 | 15.00 | 100.00 |
| WAN Backbone | Fair | 6.70 | 10.00 | 67.00 |
| LAN-WAN Performance | Fair | 6.70 | 10.00 | 67.00 |
| Video Distribution | Unsat | 0.00 | 5.00 | 0.00 |
| Voice Distribution | Fair | 2.50 | 5.00 | 50.00 |
| Faculty & Staff Technology | Unsat | 0.00 | 10.00 | 0.00 |
| Total For Site: | | 65.90 | 100.00 | 65.90 |

Comments

Technology Readiness->Cooling

Rooms either freeze or bake; imbalanced climate throughout the building.

Technology Readiness->WAN Backbone

The school is wireless throughout the building.

Technology Readiness->LAN-WAN Performance

LAN-WAN Performance is not consistently reliable throughout the building.

Technology Readiness->Video Distribution

The is no means of video distribution.

Technology Readiness->Voice Distribution

Most rooms had intercoms, but not all.

Technology Readiness->Faculty & Staff Technology

Building is wireless. There are no hard wired connections in classrooms.

Technology Readiness Report - Full

Project #: 7698

County: Essex

Site #: 0310

Project: Assessments 2016

Region: 9

Site: Doherty MS

| Technology Readiness | Rating | Score | Possible Score | Percent Score |
|---------------------------------------|--------|--------------|----------------|---------------|
| Technology Readiness | | | | |
| Comm\IT Equipment Environment\Storage | Unsat | 0.00 | 15.00 | 0.00 |
| Electrical Power | Unsat | 0.00 | 10.00 | 0.00 |
| Cooling | Unsat | 0.00 | 10.00 | 0.00 |
| Equity of Access | Good | 10.00 | 10.00 | 100.00 |
| LAN Connectivity | Good | 15.00 | 15.00 | 100.00 |
| WAN Backbone | Good | 10.00 | 10.00 | 100.00 |
| LAN-WAN Performance | Fair | 6.70 | 10.00 | 67.00 |
| Video Distribution | Good | 5.00 | 5.00 | 100.00 |
| Voice Distribution | Fair | 2.50 | 5.00 | 50.00 |
| Faculty & Staff Technology | Good | 10.00 | 10.00 | 100.00 |
| Total For Site: | | 59.20 | 100.00 | 59.20 |

Comments

Technology Readiness->Comm\IT Equipment Environment\Storage
The IT equipment is in the library office and is not air conditioned.

Technology Readiness->Electrical Power
There are not sufficient outlets.

Technology Readiness->Cooling
There is no air conditioning.

Technology Readiness->LAN-WAN Performance
Internet connectivity is reliable most of the time.

Technology Readiness->Voice Distribution
The phone system cannot call outside and there is no voice mail.

Technology Readiness Report - Full

Project #: 7698

County: Essex

Site #: 0350

Project: Assessments 2016

Region: 9

Site: West MS

| Technology Readiness | Rating | Score | Possible Score | Percent Score |
|---------------------------------------|--------|--------------|----------------|---------------|
| Technology Readiness | | | | |
| Comm\IT Equipment Environment\Storage | Good | 15.00 | 15.00 | 100.00 |
| Electrical Power | Good | 10.00 | 10.00 | 100.00 |
| Cooling | Unsat | 0.00 | 10.00 | 0.00 |
| Equity of Access | Good | 10.00 | 10.00 | 100.00 |
| LAN Connectivity | Good | 15.00 | 15.00 | 100.00 |
| WAN Backbone | Good | 10.00 | 10.00 | 100.00 |
| LAN-WAN Performance | Fair | 6.70 | 10.00 | 67.00 |
| Video Distribution | Unsat | 0.00 | 5.00 | 0.00 |
| Voice Distribution | Fair | 2.50 | 5.00 | 50.00 |
| Faculty & Staff Technology | Good | 10.00 | 10.00 | 100.00 |
| Total For Site: | | 79.20 | 100.00 | 79.20 |

Comments

Technology Readiness->Cooling
There is no AC in the building.

Technology Readiness->LAN-WAN Performance
LAN-WAN Performance is not consistently reliable throughout the building.

Technology Readiness->Video Distribution
There is no means of video distribution.

Technology Readiness->Voice Distribution
There are no phones in classes.

Technology Readiness Report - Full

Project #: 7698

County: Essex

Site #: 0004

Project: Assessments 2016

Region: 9

Site: Woodhill MS

| Technology Readiness | Rating | Score | Possible Score | Percent Score |
|---------------------------------------|--------|--------------|----------------|---------------|
| Technology Readiness | | | | |
| Comm\IT Equipment Environment\Storage | Good | 15.00 | 15.00 | 100.00 |
| Electrical Power | Good | 10.00 | 10.00 | 100.00 |
| Cooling | Unsat | 0.00 | 10.00 | 0.00 |
| Equity of Access | Good | 10.00 | 10.00 | 100.00 |
| LAN Connectivity | Good | 15.00 | 15.00 | 100.00 |
| WAN Backbone | Good | 10.00 | 10.00 | 100.00 |
| LAN-WAN Performance | Good | 10.00 | 10.00 | 100.00 |
| Video Distribution | Good | 5.00 | 5.00 | 100.00 |
| Voice Distribution | Good | 5.00 | 5.00 | 100.00 |
| Faculty & Staff Technology | Good | 10.00 | 10.00 | 100.00 |
| Total For Site: | | 90.00 | 100.00 | 90.00 |

Comments

Technology Readiness->Cooling
Building is not air-conditioned.

Technology Readiness Report - Full

Project #: 7698

County: Essex

Site #: 0505

Project: Assessments 2016

Region: 9

Site: Andover HS

| Technology Readiness | Rating | Score | Possible Score | Percent Score |
|---------------------------------------|--------|--------------|----------------|---------------|
| Technology Readiness | | | | |
| Comm\IT Equipment Environment\Storage | Good | 15.00 | 15.00 | 100.00 |
| Electrical Power | Good | 10.00 | 10.00 | 100.00 |
| Cooling | Unsat | 0.00 | 10.00 | 0.00 |
| Equity of Access | Good | 10.00 | 10.00 | 100.00 |
| LAN Connectivity | Good | 15.00 | 15.00 | 100.00 |
| WAN Backbone | Good | 10.00 | 10.00 | 100.00 |
| LAN-WAN Performance | Fair | 6.70 | 10.00 | 67.00 |
| Video Distribution | Good | 5.00 | 5.00 | 100.00 |
| Voice Distribution | Good | 5.00 | 5.00 | 100.00 |
| Faculty & Staff Technology | Good | 10.00 | 10.00 | 100.00 |
| Total For Site: | | 86.70 | 100.00 | 86.70 |

Comments

Technology Readiness->Cooling
ID closets were very warm.

Technology Readiness->LAN-WAN Performance
LAN-WAN Performance is not consistently reliable throughout the building.

Technology Readiness Report - Full

Project #: 7698

County: Essex

Site #: T-1

Project: Assessments 2016

Region: 9

Site: Ballardvale Fire station

| Technology Readiness | Rating | Score | Possible Score | Percent Score |
|---------------------------------------|--------|--------------|----------------|---------------|
| Technology Readiness | | | | |
| Comm\IT Equipment Environment\Storage | Unsat | 0.00 | 15.00 | 0.00 |
| Electrical Power | Fair | 5.00 | 10.00 | 50.00 |
| Cooling | Unsat | 0.00 | 10.00 | 0.00 |
| Equity of Access | Fair | 6.70 | 10.00 | 67.00 |
| LAN Connectivity | Good | 15.00 | 15.00 | 100.00 |
| WAN Backbone | Poor | 3.30 | 10.00 | 33.00 |
| LAN-WAN Performance | Good | 10.00 | 10.00 | 100.00 |
| Video Distribution | Good | 5.00 | 5.00 | 100.00 |
| Voice Distribution | Good | 5.00 | 5.00 | 100.00 |
| Faculty & Staff Technology | Good | 10.00 | 10.00 | 100.00 |
| Total For Site: | | 60.00 | 100.00 | 60.00 |

Comments

Technology Readiness->Comm\IT Equipment Environment\Storage

The communication equipment is not located in a secured and environmentally controlled space.

Technology Readiness->Electrical Power

The electrical power is not sufficient for meeting the program needs for a building of this type.

Technology Readiness->Cooling

There is no A/C in the building.

Technology Readiness->Equity of Access

The wireless coverage in the building limits access to certain areas of the facility.

Technology Readiness->WAN Backbone

The building is serviced with T1 service provided by the local phone company.

Technology Readiness Report - Full

Project #: 7698

County: Essex

Site #: T-5

Project: Assessments 2016

Region: 9

Site: Public Safety

| Technology Readiness | Rating | Score | Possible Score | Percent Score |
|---------------------------------------|--------|---------------|----------------|---------------|
| Technology Readiness | | | | |
| Comm\IT Equipment Environment\Storage | Good | 15.00 | 15.00 | 100.00 |
| Electrical Power | Good | 10.00 | 10.00 | 100.00 |
| Cooling | Good | 10.00 | 10.00 | 100.00 |
| Equity of Access | Good | 10.00 | 10.00 | 100.00 |
| LAN Connectivity | Good | 15.00 | 15.00 | 100.00 |
| WAN Backbone | Good | 10.00 | 10.00 | 100.00 |
| LAN-WAN Performance | Good | 10.00 | 10.00 | 100.00 |
| Video Distribution | Good | 5.00 | 5.00 | 100.00 |
| Voice Distribution | Good | 5.00 | 5.00 | 100.00 |
| Faculty & Staff Technology | Good | 10.00 | 10.00 | 100.00 |
| Total For Site: | | 100.00 | 100.00 | 100.00 |

Comments

Technology Readiness Report - Full

Project #: 7698

County: Essex

Site #: T-11

Project: Assessments 2016

Region: 9

Site: West Fire station

| Technology Readiness | Rating | Score | Possible Score | Percent Score |
|---------------------------------------|--------|---------------|----------------|---------------|
| Technology Readiness | | | | |
| Comm\IT Equipment Environment\Storage | Good | 15.00 | 15.00 | 100.00 |
| Electrical Power | Good | 10.00 | 10.00 | 100.00 |
| Cooling | Good | 10.00 | 10.00 | 100.00 |
| Equity of Access | Good | 10.00 | 10.00 | 100.00 |
| LAN Connectivity | Good | 15.00 | 15.00 | 100.00 |
| WAN Backbone | Good | 10.00 | 10.00 | 100.00 |
| LAN-WAN Performance | Good | 10.00 | 10.00 | 100.00 |
| Video Distribution | Good | 5.00 | 5.00 | 100.00 |
| Voice Distribution | Good | 5.00 | 5.00 | 100.00 |
| Faculty & Staff Technology | Good | 10.00 | 10.00 | 100.00 |
| Total For Site: | | 100.00 | 100.00 | 100.00 |

Comments

Technology Readiness Report - Full

Project #: 7698

County: Essex

Site #: T-2

Project: Assessments 2016

Region: 9

Site: Center at Punchard

| Technology Readiness | Rating | Score | Possible Score | Percent Score |
|---------------------------------------|--------|---------------|----------------|---------------|
| Technology Readiness | | | | |
| Comm\IT Equipment Environment\Storage | Good | 15.00 | 15.00 | 100.00 |
| Electrical Power | Good | 10.00 | 10.00 | 100.00 |
| Cooling | Good | 10.00 | 10.00 | 100.00 |
| Equity of Access | Good | 10.00 | 10.00 | 100.00 |
| LAN Connectivity | Good | 15.00 | 15.00 | 100.00 |
| WAN Backbone | Good | 10.00 | 10.00 | 100.00 |
| LAN-WAN Performance | Good | 10.00 | 10.00 | 100.00 |
| Video Distribution | Good | 5.00 | 5.00 | 100.00 |
| Voice Distribution | Good | 5.00 | 5.00 | 100.00 |
| Faculty & Staff Technology | Good | 10.00 | 10.00 | 100.00 |
| Total For Site: | | 100.00 | 100.00 | 100.00 |

Comments

Technology Readiness Report - Full

Project #: 7698

County: Essex

Site #: T-3

Project: Assessments 2016

Region: 9

Site: Memorial Hall Library

| Technology Readiness | Rating | Score | Possible Score | Percent Score |
|---------------------------------------|--------|---------------|----------------|---------------|
| Technology Readiness | | | | |
| Comm\IT Equipment Environment\Storage | Good | 15.00 | 15.00 | 100.00 |
| Electrical Power | Good | 10.00 | 10.00 | 100.00 |
| Cooling | Good | 10.00 | 10.00 | 100.00 |
| Equity of Access | Good | 10.00 | 10.00 | 100.00 |
| LAN Connectivity | Good | 15.00 | 15.00 | 100.00 |
| WAN Backbone | Good | 10.00 | 10.00 | 100.00 |
| LAN-WAN Performance | Good | 10.00 | 10.00 | 100.00 |
| Video Distribution | Good | 5.00 | 5.00 | 100.00 |
| Voice Distribution | Good | 5.00 | 5.00 | 100.00 |
| Faculty & Staff Technology | Good | 10.00 | 10.00 | 100.00 |
| Total For Site: | | 100.00 | 100.00 | 100.00 |

Comments

Technology Readiness Report - Full

Project #: 7698

County: Essex

Site #: T-4

Project: Assessments 2016

Region: 9

Site: Old Town Hall

| Technology Readiness | Rating | Score | Possible Score | Percent Score |
|---------------------------------------|--------|---------------|----------------|---------------|
| Technology Readiness | | | | |
| Comm\IT Equipment Environment\Storage | Good | 15.00 | 15.00 | 100.00 |
| Electrical Power | Good | 10.00 | 10.00 | 100.00 |
| Cooling | Good | 10.00 | 10.00 | 100.00 |
| Equity of Access | Good | 10.00 | 10.00 | 100.00 |
| LAN Connectivity | Good | 15.00 | 15.00 | 100.00 |
| WAN Backbone | Good | 10.00 | 10.00 | 100.00 |
| LAN-WAN Performance | Good | 10.00 | 10.00 | 100.00 |
| Video Distribution | Good | 5.00 | 5.00 | 100.00 |
| Voice Distribution | Good | 5.00 | 5.00 | 100.00 |
| Faculty & Staff Technology | Good | 10.00 | 10.00 | 100.00 |
| Total For Site: | | 100.00 | 100.00 | 100.00 |

Comments

Technology Readiness Report - Full

Project #: 7698

County: Essex

Site #: T-7

Project: Assessments 2016

Region: 9

Site: School Administration

| Technology Readiness | Rating | Score | Possible Score | Percent Score |
|---------------------------------------|--------|--------------|----------------|---------------|
| Technology Readiness | | | | |
| Comm\IT Equipment Environment\Storage | Good | 15.00 | 15.00 | 100.00 |
| Electrical Power | Good | 10.00 | 10.00 | 100.00 |
| Cooling | Good | 10.00 | 10.00 | 100.00 |
| Equity of Access | Good | 10.00 | 10.00 | 100.00 |
| LAN Connectivity | Good | 15.00 | 15.00 | 100.00 |
| WAN Backbone | Good | 10.00 | 10.00 | 100.00 |
| LAN-WAN Performance | Good | 10.00 | 10.00 | 100.00 |
| Video Distribution | Fair | 2.50 | 5.00 | 50.00 |
| Voice Distribution | Good | 5.00 | 5.00 | 100.00 |
| Faculty & Staff Technology | Good | 10.00 | 10.00 | 100.00 |
| Total For Site: | | 97.50 | 100.00 | 97.50 |

Comments

Technology Readiness->Video Distribution

There is limited video distribution in the major conference rooms and offices.

Technology Readiness Report - Full

Project #: 7698

County: Essex

Site #: T-9

Project: Assessments 2016

Region: 9

Site: Town Offices

| Technology Readiness | Rating | Score | Possible Score | Percent Score |
|---------------------------------------|--------|---------------|----------------|---------------|
| Technology Readiness | | | | |
| Comm\IT Equipment Environment\Storage | Good | 15.00 | 15.00 | 100.00 |
| Electrical Power | Good | 10.00 | 10.00 | 100.00 |
| Cooling | Good | 10.00 | 10.00 | 100.00 |
| Equity of Access | Good | 10.00 | 10.00 | 100.00 |
| LAN Connectivity | Good | 15.00 | 15.00 | 100.00 |
| WAN Backbone | Good | 10.00 | 10.00 | 100.00 |
| LAN-WAN Performance | Good | 10.00 | 10.00 | 100.00 |
| Video Distribution | Good | 5.00 | 5.00 | 100.00 |
| Voice Distribution | Good | 5.00 | 5.00 | 100.00 |
| Faculty & Staff Technology | Good | 10.00 | 10.00 | 100.00 |
| Total For Site: | | 100.00 | 100.00 | 100.00 |

Comments

Technology Readiness Report - Full

Project #: 7698

County: Essex

Site #: T-10

Project: Assessments 2016

Region: 9

Site: Water Treatment Plant

| Technology Readiness | Rating | Score | Possible Score | Percent Score |
|---------------------------------------|--------|---------------|----------------|---------------|
| Technology Readiness | | | | |
| Comm\IT Equipment Environment\Storage | Good | 15.00 | 15.00 | 100.00 |
| Electrical Power | Good | 10.00 | 10.00 | 100.00 |
| Cooling | Good | 10.00 | 10.00 | 100.00 |
| Equity of Access | Good | 10.00 | 10.00 | 100.00 |
| LAN Connectivity | Good | 15.00 | 15.00 | 100.00 |
| WAN Backbone | Good | 10.00 | 10.00 | 100.00 |
| LAN-WAN Performance | Good | 10.00 | 10.00 | 100.00 |
| Video Distribution | Good | 5.00 | 5.00 | 100.00 |
| Voice Distribution | Good | 5.00 | 5.00 | 100.00 |
| Faculty & Staff Technology | Good | 10.00 | 10.00 | 100.00 |
| Total For Site: | | 100.00 | 100.00 | 100.00 |

Comments

Technology Readiness Report - Full

Project #: 7698

County: Essex

Site #: T-6

Project: Assessments 2016

Region: 9

Site: Red Spring Road Maintenan

| Technology Readiness | Rating | Score | Possible Score | Percent Score |
|---------------------------------------|--------|---------------|----------------|---------------|
| Technology Readiness | | | | |
| Comm\IT Equipment Environment\Storage | Good | 15.00 | 15.00 | 100.00 |
| Electrical Power | Good | 10.00 | 10.00 | 100.00 |
| Cooling | Good | 10.00 | 10.00 | 100.00 |
| Equity of Access | Good | 10.00 | 10.00 | 100.00 |
| LAN Connectivity | Good | 15.00 | 15.00 | 100.00 |
| WAN Backbone | Good | 10.00 | 10.00 | 100.00 |
| LAN-WAN Performance | Good | 10.00 | 10.00 | 100.00 |
| Video Distribution | Good | 5.00 | 5.00 | 100.00 |
| Voice Distribution | Good | 5.00 | 5.00 | 100.00 |
| Faculty & Staff Technology | Good | 10.00 | 10.00 | 100.00 |
| Total For Site: | | 100.00 | 100.00 | 100.00 |

Comments

Technology Readiness Report - Full

Project #: 7698

County: Essex

Site #: T-8

Project: Assessments 2016

Region: 9

Site: Spring Grove Cemetery

| Technology Readiness | Rating | Score | Possible Score | Percent Score |
|---------------------------------------|--------|---------------|----------------|---------------|
| Technology Readiness | | | | |
| Comm\IT Equipment Environment\Storage | Good | 15.00 | 15.00 | 100.00 |
| Electrical Power | Good | 10.00 | 10.00 | 100.00 |
| Cooling | Good | 10.00 | 10.00 | 100.00 |
| Equity of Access | Good | 10.00 | 10.00 | 100.00 |
| LAN Connectivity | Good | 15.00 | 15.00 | 100.00 |
| WAN Backbone | Good | 10.00 | 10.00 | 100.00 |
| LAN-WAN Performance | Good | 10.00 | 10.00 | 100.00 |
| Video Distribution | Good | 5.00 | 5.00 | 100.00 |
| Voice Distribution | Good | 5.00 | 5.00 | 100.00 |
| Faculty & Staff Technology | Good | 10.00 | 10.00 | 100.00 |
| Total For Site: | | 100.00 | 100.00 | 100.00 |

Comments

Technology Readiness Report - Full

Project #: 7698

County: Essex

Site #: T-12

Project: Assessments 2016

Region: 9

Site: Town Yard

| Technology Readiness | Rating | Score | Possible Score | Percent Score |
|---------------------------------------|--------|--------------|----------------|---------------|
| Technology Readiness | | | | |
| Comm\IT Equipment Environment\Storage | Unsat | 0.00 | 15.00 | 0.00 |
| Electrical Power | Unsat | 0.00 | 10.00 | 0.00 |
| Cooling | Fair | 5.00 | 10.00 | 50.00 |
| Equity of Access | Poor | 3.30 | 10.00 | 33.00 |
| LAN Connectivity | Good | 15.00 | 15.00 | 100.00 |
| WAN Backbone | Good | 10.00 | 10.00 | 100.00 |
| LAN-WAN Performance | Poor | 3.30 | 10.00 | 33.00 |
| Video Distribution | Good | 5.00 | 5.00 | 100.00 |
| Voice Distribution | Good | 5.00 | 5.00 | 100.00 |
| Faculty & Staff Technology | Fair | 6.70 | 10.00 | 67.00 |
| Total For Site: | | 53.30 | 100.00 | 53.30 |

Comments

Technology Readiness->Comm\IT Equipment Environment\Storage

The communications and IT equipment is not always in a secure, climate controlled environment.

Technology Readiness->Electrical Power

There is not sufficient electrical power within the town yard buildings to support all of the necessary technology needs.

Technology Readiness->Cooling

In the town yard buildings there is limited cooling for technology equipment.

Technology Readiness->Equity of Access

The wireless coverage in the buildings limits access to certain areas of the facility.

Technology Readiness->LAN-WAN Performance

The LAN - WAN performance does not meet the needs of the town yard operations.

Technology Readiness->Faculty & Staff Technology

The computer technology is limited throughout the facility.