

Newton Schools Long-Range Facilities Master Plan

Newton, MA

November 2011

VOLUME II

Update

HMFH Architects, Inc.

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Newton Schools Long-Range Facilities Study – **Updated**Newton, Massachusetts

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Elementary and Middle School Standards for Facility, Systems and Site (See 2007 Report)

B

Preliminary Elementary Educational Specifications
22 Classrooms
14 Classrooms

DRAFT Proposed Space Summary- Elementary School w/ 462 Students

22-CLASSROOM, 462-STUDENT, ELEMENTARY SCHOOL, NEWTON, MA

| ELEMENTARY SCHOOL | Ex | Existing Conditions | | | |
|-------------------------------------------------------------|--------------------------|---------------------|-------------|--|--|
| ROOM TYPE | ROOM NFA ¹ | # OF RMS | area totals | | |
| CORE ACADEMIC SPACES | | 0 | 0 | | |
| (List classrooms of different sizes separately) | | | | | |
| Kindergarten w/ toilet | | | C | | |
| General Classrooms - Grade 1-5 | | | (| | |
| SPECIAL EDUCATION | | | 0 | | |
| (List classrooms of different sizes separately) | | | | | |
| Self-Contained SPED | | | (| | |
| Self-Contained SPED - toilet | | | (| | |
| Resource Center | | | (| | |
| Learning Center for Sp. & Lang. | | | (| | |
| Conference Room | | | (| | |
| Literacy Specialist/ Reading | | | (| | |
| Occupational Therapy | | | (| | |
| Physical Therapy | 1 | | (| | |
| Psychologist | - | | (| | |
| Safe Room (ABA) | | | (| | |
| MCAS Testing | | | (| | |
| Reach Program ELL Program | | | C | | |
| Mentor Program | | | | | |
| Autism Therapy | | | | | |
| Observation | | | (| | |
| | | | | | |
| ART & MUSIC | | | 0 | | |
| Art Classroom - 25 seats | | | C | | |
| Art Workroom w/ Storage & kiln | | | C | | |
| Music Classroom / Large Group - 25-50 seats | | | C | | |
| Music Practice/ Ensemble | | | С | | |
| HEALTH & PHYSICAL EDUCATION | | | 0 | | |
| Gymnasium | | | (| | |
| Gym Storeroom Health Instructor's Office w/Shower & Toilet | | | (| | |
| Health histractor's Office w/Shower & Foliet | | | | | |
| MEDIA CENTER | | | 0 | | |
| Media Center/Reading Room | | | (| | |
| DINING & FOOD SERVICE | | | 0 | | |
| Cafeteria/Dining | | | (| | |
| Stage | | | (| | |
| Chair/Table/Equipment Storage | | | (| | |
| Kitchen | | | (| | |
| Staff Lunch Room | | | (| | |
| MEDICAL | | | 0 | | |
| Medical Suite Toilet | | | (| | |
| Nurses' Office/Waiting Room | | | (| | |
| Examination Room / Resting | | | | | |
| ADMINISTRATION & GUIDANCE | | | 0 | | |
| General Office / Waiting Room/Toilet | | | (| | |
| Teachers' Mail and Time Room | - | | | | |
| Duplicating Room | 1 | | (| | |
| Records Room | | | (| | |
| Principal's Office w/ Conference Area | | | (| | |
| Principal's Secretary / Waiting | | | (| | |
| Assistant Principal's Office | 1 | | (| | |
| Supervisory / Spare Office | 1 | | 0 | | |
| Conference Room | | | (| | |

| PROPOSED | | | | |
|--------------------------|----------|--------------------|--|--|
| Total | | | | |
| ROOM NFA ¹ | # OF RMS | area totals | | |
| | 22 | 20,600 | | |
| | | | | |
| 1,100 900 | 4 18 | 4,400 16,200 | | |
| 300 | 10 | 10,200 | | |
| | | 5,825 | | |
| | | 0 | | |
| | | 0 | | |
| 500 | 3 | 1,500 | | |
| 500 | 1 | 500 | | |
| 150 750 | 1 | 150 750 | | |
| 250 | 1 | 250 | | |
| 500 | 1 | 500 | | |
| 200 | 1 | 200 | | |
| 150 | 1 | 150 | | |
| 250 250 | 1 | 250 250 | | |
| 650 | 1 | 650 | | |
| 275 | 1 | 275 | | |
| 250 | 1 | 250 | | |
| 150 | 1 | 150 | | |
| | | 2,575 | | |
| 1,000 | 1 | 1,000 | | |
| 150 | 1 | 150 | | |
| 1,200 | 1 | 1,200 | | |
| 75 | 3 | 225 | | |
| | | 3,400 | | |
| 3,000 | 1 | 3,000 | | |
| 250 | 1 | 250 | | |
| 150 | 1 | 150 | | |
| | | 2,749 | | |
| 2,749 | 1 | 2,749 | | |
| | | 5.640 | | |
| 2,310 | 1 | 5,642 2,310 | | |
| 1,000 | 1 | 1,000 | | |
| 354 | 1 | 354 | | |
| 1,762 | 1 | 1,762 | | |
| 216 | 1 | 216 | | |
| | | 510 | | |
| 60 | 1 | 60 | | |
| 250 | 1 | 250 | | |
| 100 | 2 | 200 | | |
| | | 2,327 | | |
| 381 | 1 | 381 | | |
| 100 150 | 1 | 100 150 | | |
| 110 | 1 | 110 | | |
| 375 | 1 | 375 | | |
| 125 | 1 | 125 | | |
| 120 | 0 | - 120 | | |
| 120 250 | 1 | 120 250 | | |
| 200 | ' | 250 | | |

| (refer t | to MSBA Ed | _ | Guidelines gram & Space Standard Guidelines) | |
|--------------------------|------------|---------------------|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ROOM NFA ¹ | # OF RMS | area totals | Comments | |
| | 20 | 20,000 | | |
| | | | | |
| 1,200 950 | 4 16 | | 1,100 SF min - 1,300 SF max 900 SF min - 1,000 SF max | assume 1/7 enrollment in K - enrollment / 7 x 18 students per CR |
| 950 | 16 | 15,200 | 900 SF Min - 1,000 SF Max | enrollment / 23 less K CRs |
| | | 5,540 | | |
| 050 | 4 | 0.000 | 8% of pop. in self-contained SPED | |
| 950 60 | 4 | 240 | 6% of pop. III self-contained SFED | enrollment x 8% - 12 students per class one for every full-size SPED CR |
| 500 | 2 | | 1/2 size Genl. Clrm. | one for each 200 students |
| 500 | 1 | | 1/2 size Genl. Clrm. | one for first 400 students plus one per each add'l 400 |
| | | | | |
| | | | | |
| | | 2,575 | | |
| 1,000 | 1 | | assumed schedule 2 times / week / student | enrollment / 25 students per class x 2 / 30(2 period / week / student (or 2 out of 30 periods/w |
| 150 | 1 | 150 | | one for every art CR |
| 1,200 | 1 | 1,200 | assumed schedule 2 times / week / student | enrollment / 25 students per class x 2 / 30(2 period / week / student (or 2 out of 30 periods/week |
| 75 | 3 | 225 | | one per 150 students |
| | | 6,300 | | |
| 6,000 | 1 | 6,000 | 6000 SF Min. Size | |
| 150 | 1 | 150 | | |
| 150 | 1 | 150 | | |
| | | 2,749 | | |
| 2,749 | 1 | 2,749 | | 2,020 SF for first 300 students plus 4.5 SF/student over 300 |
| | | 5,641 | | |
| 2,310 | 1 | 2,310 | 3 seatings - 15SF per seat | 15/Occ SF Din 10/Occ SFAud. |
| 1,000 | 1 | 1,000 | | |
| 354 | 1 | 354 | | 200 SF for first 400 sudents plus 0.333 SF/ student over 300 |
| 1,762 216 | 1 1 | 1,762 216 | 1600 SF for first 300 + 1 SF/student Add'l 20 SF/Occupant | 200 SF for first 400 students plus 0.333 SF/student over 400 |
| | | | , | |
| 60 | 4 | 510 | | |
| 60 250 | 1 1 | 60 250 | | - |
| 100 | 2 | 200 | | one per each 250 students |
| | | | | |
| 381 | 1 | 2,327 381 | | 300 SF for first 300 students plus 0.5 SF/student over300 |
| 100 | 1 | 100 | | - State of the sta |
| 150 | 1 | 150 | | 1 |
| 110 | 1 | 110 | | |
| 375 | 1 | 375 | | |
| 125 | 1 | 125 | | 4 |
| 120 | 0 | 100 | | one per each 600 students |
| 120 250 | 1 1 | 120 250 | | - |
| | | | | |

DRAFT Proposed Space Summary- Elementary School w/ 462 Students

22-CLASSROOM, 462-STUDENT, ELEMENTARY SCHOOL, NEWTON, MA

| ELEMENTARTI GOLIGGE, NEW TON, IMA | | | | |
|----------------------------------------------------|--------------------------|----------|-------------|--|
| ELEMENTARY SCHOOL | Existing Conditions | | | |
| ROOM TYPE | ROOM NFA ¹ | # OF RMS | area totals | |
| Guidance Office | | | 0 | |
| Guidance Storeroom | | | 0 | |
| Teachers' Work Room | | | 0 | |
| CUSTODIAL & MAINTENANCE | | | 0 | |
| Custodian's Office | | | 0 | |
| Book Storage | | | 0 | |
| Custodian's Storage (cleaning equip/supplies) | | | 0 | |
| Recycling Room / Trash | | | 0 | |
| Receiving and General Supply (paper, etc.) | | | 0 | |
| Outdoor Equipment Storage | | | 0 | |
| Network/Telecom Room | | | 0 | |
| <u>OTHER</u> | | | 0 | |
| Other (specify) | | | | |
| AfterCare Program space | | | | |
| | | | | |
| PROPOSED BUILDING - TOTAL | | | | |
| Total Building Net Floor Area (NFA) | | | | |
| Proposed Student Capacity/Enrollment | | | | |
| | | | | |
| Total Building Gross Floor Area (GFA) ² | | | | |
| Grossing factor (GFA/NFA) | | | | |
| | | 1 | | |

| PROPOSED | | | | |
|--------------------------|----------|-------------|--|--|
| Total | | | | |
| ROOM NFA ¹ | # OF RMS | area totals | | |
| 150 | 2 | 300 | | |
| 35 | 1 | 35 | | |
| 381 | 1 | 381 | | |
| | | | | |
| | | 2,167 | | |
| 150 | 1 | 150 | | |
| 120 | 4 | 480 | | |
| 375 | 1 | 375 | | |
| 400 | 1 | 400 | | |
| 254 | 1 | 254 | | |
| 308 | 1 | 308 | | |
| 200 | 1 | 200 | | |
| | | 1,450 | | |
| | | 1,430 | | |
| 1,450 | 1 | 1,450 | | |
| | | 47.045 | | |
| | | 47,245 | | |
| | | 462 | | |
| | | 72,285 | | |
| | | 1.53 | | |

| (refer t | to MSBA Ed | MSBA Guideli ucational Program & | nes Space Standard Guidelines) | |
|--------------------------|------------|-------------------------------------|-----------------------------------|-------------------------------------------------------------|
| ROOM NFA ¹ | # OF RMS | area totals | Comments | |
| 150 | 2 | 300 | | one per each 300 students |
| 35 | 1 | 35 | | |
| 381 | 1 | 381 | | 300 SF for first 300 students plus 0.5 SF/student over 300 |
| | | 2,062 | | |
| 150 | 1 | 150 | | |
| 375 | 1 | 375 | | |
| 375 | 1 | 375 | | |
| 400 | 1 | 400 | | |
| 254 | 1 | 254 | | 200 SF for first 300 students plus 0.333 SF/student over 3 |
| 308 | 1 | 308 | | 200 SF for first 300 students plus 0.667 SF/student over 30 |
| 200 | 1 | 200 | | |
| | | 0 | | |
| | | | | |
| | | | | |
| | | | | |
| | | 47,704 | | |
| | | 462 | | 161 |
| | | | | |
| | | 72,988 | | |
| | | 1.53 | | |

| | D | A1 - 4 | | A | /AIE A |
|--------------|------|--------|-------|------|--------|
| ' Individual | Koom | net | Floor | Area | (NFA |

² Total Building Gross Floor Area (GFA)

Includes the net square footage measured from the inside face of the perimeter walls and includes all specific spaces assigned to a particular program area including such spaces as non-communal toilets and storage rooms.

Includes the entire building gross square footage measured from the outside face of exterior walls

Date:

| Architect | Certification | |
|-----------|---------------|--|
| | | |
| | | |

I hereby certify that all of the information provided in this "Proposed Space Summary" is true, complete and accurate and in accordance with the rules, regulations and policies of the Massachusetts School Building Authority to the best of my knowledge and belief. A true statement, made under the penalties of perjury.

| Name of Architect Firm: | |
|---------------------------------|--|
| Name of Principal Architect: | |
| gnature of Principal Architect: | |
| | |

DRAFT Proposed Space Summary- Elementary School w/ 286 Students

14-CLASSROOM, 286-STUDENT, ELEMENTARY SCHOOL, NEWTON, MA

| ELEMENTARY SCHOOL | Ex | Existing Conditions | | | |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|---------------------|-------------|--|--|
| ROOM TYPE | ROOM NFA ¹ | # OF RMS | area totals | | |
| CORE ACADEMIC SPACES | | 0 | | | |
| (List classrooms of different sizes separately) | | | | | |
| Kindergarten w/ toilet | | | | | |
| General Classrooms - Grade 1-5 | | | | | |
| SPECIAL EDUCATION | | | | | |
| (List classrooms of different sizes separately) | | | | | |
| Self-Contained SPED | | | | | |
| Self-Contained SPED - toilet | | | | | |
| Resource Center | | | | | |
| Learning Center for Sp. & Lang. | | | | | |
| Conference Room | | | | | |
| Literacy Specialist/ Reading | | | | | |
| Occupational Therapy | | | | | |
| Physical Therapy | | | | | |
| Psychologist | | | | | |
| Safe Room (ABA) | | | | | |
| MCAS Testing | | | | | |
| Reach Program | | | | | |
| ELL Program | | | | | |
| Mentor Program | | | | | |
| Autism Therapy | | | | | |
| Observation | | | | | |
| ADT & MUSIC | | | | | |
| ART & MUSIC Art Classroom - 25 seats | | | | | |
| | | | | | |
| Art Workroom w/ Storage & kiln | | | | | |
| Music Classroom / Large Group - 25-50 seats | | | | | |
| Music Practice/ Ensemble | | | | | |
| HEALTH & PHYSICAL EDUCATION | | | | | |
| Gymnasium | | | | | |
| Gym Storeroom | | | | | |
| Health Instructor's Office w/Shower & Toilet | | | | | |
| MEDIA CENTER | | | | | |
| Media Center/Reading Room | | | | | |
| Media Ceriter/Heading Hoom | | | | | |
| | | | | | |
| | | | | | |
| DINING & FOOD SERVICE Cafeteria/Dining | | | | | |
| Cafeteria/Dining Stage | | | | | |
| Cafeteria/Dining Stage Chair/Table/Equipment Storage | | | | | |
| Cafeteria/Dining Stage Chair/Table/Equipment Storage Kitchen | | | | | |
| Cafeteria/Dining Stage Chair/Table/Equipment Storage | | | | | |
| Cafeteria/Dining Stage Chair/Table/Equipment Storage Kitchen Staff Lunch Room | | | | | |
| Cafeteria/Dining Stage Chair/Table/Equipment Storage Kitchen Staff Lunch Room | | | | | |
| Cafeteria/Dining Stage Chair/Table/Equipment Storage Kitchen Staff Lunch Room | | | | | |
| Cafeteria/Dining Stage Chair/Table/Equipment Storage Kitchen Staff Lunch Room MEDICAL Medical Suite Toilet | | | | | |
| Cafeteria/Dining Stage Chair/Table/Equipment Storage Kitchen Staff Lunch Room WEDICAL Medical Suite Toilet Nurses' Office/Waiting Room Examination Room / Resting | | | | | |
| Cafeteria/Dining Stage Chair/Table/Equipment Storage Kitchen Staff Lunch Room WEDICAL Medical Suite Toilet Nurses' Office/Waiting Room Examination Room / Resting ADMINISTRATION & GUIDANCE | | | | | |
| Cafeteria/Dining Stage Chair/Table/Equipment Storage Kitchen Staff Lunch Room WEDICAL Medical Suite Toilet Nurses' Office/Waiting Room Examination Room / Resting ADMINISTRATION & GUIDANCE General Office / Waiting Room/Toilet | | | | | |
| Cafeteria/Dining Stage Chair/Table/Equipment Storage Kitchen Staff Lunch Room MEDICAL Medical Suite Toilet Nurses' Office/Waiting Room Examination Room / Resting ADMINISTRATION & GUIDANCE General Office / Waiting Room/Toilet Teachers' Mail and Time Room | | | | | |
| Cafeteria/Dining Stage Chair/Table/Equipment Storage Kitchen Staff Lunch Room MEDICAL Medical Suite Toilet Nurses' Office/Waiting Room Examination Room / Resting ADMINISTRATION & GUIDANCE General Office / Waiting Room/Toilet Teachers' Mail and Time Room Duplicating Room | | | | | |
| Cafeteria/Dining Stage Chair/Table/Equipment Storage Kitchen Staff Lunch Room MEDICAL Medical Suite Toilet Nurses' Office/Waiting Room Examination Room / Resting ADMINISTRATION & GUIDANCE General Office / Waiting Room/Toilet Teachers' Mail and Time Room Duplicating Room Records Room | | | | | |
| Cafeteria/Dining Stage Chair/Table/Equipment Storage Kitchen Staff Lunch Room MEDICAL Medical Suite Toilet Nurses' Office/Waiting Room Examination Room / Resting ADMINISTRATION & GUIDANCE General Office / Waiting Room/Toilet Teachers' Mail and Time Room Duplicating Room Records Room Principal's Office w/ Conference Area | | | | | |
| Cafeteria/Dining Stage Chair/Table/Equipment Storage Kitchen Staff Lunch Room MEDICAL Medical Suite Toilet Nurses' Office/Waiting Room Examination Room / Resting ADMINISTRATION & GUIDANCE General Office / Waiting Room/Toilet Teachers' Mail and Time Room Duplicating Room Records Room Principal's Office w/ Conference Area Principal's Secretary / Waiting | | | | | |
| Cafeteria/Dining Stage Chair/Table/Equipment Storage Kitchen Staff Lunch Room MEDICAL Medical Suite Toilet Nurses' Office/Waiting Room Examination Room / Resting ADMINISTRATION & GUIDANCE General Office / Waiting Room/Toilet Teachers' Mail and Time Room Duplicating Room Records Room Principal's Office w/ Conference Area Principal's Secretary / Waiting Assistant Principal's Office | | | | | |
| Cafeteria/Dining Stage Chair/Table/Equipment Storage Kitchen Staff Lunch Room MEDICAL Medical Suite Toilet Nurses' Office/Waiting Room Examination Room / Resting ADMINISTRATION & GUIDANCE General Office / Waiting Room/Toilet Teachers' Mail and Time Room Duplicating Room Records Room Principal's Office w/ Conference Area Principal's Secretary / Waiting | | | | | |

| | PROPOSED | | | | |
|--------------------------|----------|----------------|--|--|--|
| | Total | | | | |
| ROOM NFA ¹ | # OF RMS | area totals | | | |
| | 14 | 13,200 | | | |
| | | -, | | | |
| 1,100 | 3 | 3,300 | | | |
| 900 | 11 | 9,900 | | | |
| | | 5,325 | | | |
| | | 3,323 | | | |
| | | 0 | | | |
| | | 0 | | | |
| 500 | 2 | 1,000 | | | |
| 500 | 1 | 500 | | | |
| 150 | 1 | 150 | | | |
| 750 250 | 1 | 750 250 | | | |
| 500 | 1 | 500 | | | |
| 200 | 1 | 200 | | | |
| 150 | 1 | 150 | | | |
| 250 | 1 | 250 | | | |
| 250 | 1 | 250 | | | |
| 650 | 1 | 650 | | | |
| 275 | 1 | 275 | | | |
| 250 | 1 | 250 | | | |
| 150 | 1 | 150 | | | |
| | | 2,500 | | | |
| 1,000 | 1 | 1,000 | | | |
| 150 | 1 | 150 | | | |
| 1,200 | 1 | 1,200 | | | |
| 75 | 2 | 150 | | | |
| | | | | | |
| | | 3,400 | | | |
| 3,000 | 1 | 3,000 | | | |
| 250 | 1 | 250 | | | |
| 150 | 1 | 150 | | | |
| | | 2,020 | | | |
| 2,020 | 1 | 2,020 | | | |
| | | | | | |
| 1 100 | _ | 4,430 | | | |
| 1,430 | 1 | 1,430 1,000 | | | |
| 1,000 200 | 1 | 200 | | | |
| 1,600 | 1 | 1,600 | | | |
| 200 | 1 | 200 | | | |
| | | | | | |
| | | 510 | | | |
| 60 | 1 | 60 | | | |
| 250 | 1 | 250 | | | |
| 100 | 2 | 200 | | | |
| | | 2,015 | | | |
| 300 | 1 | 300 | | | |
| 100 | 1 | 100 | | | |
| 150 | 1 | 150 | | | |
| 110 | 1 | 110 | | | |
| 375 | 1 | 375 | | | |
| 125 | 1 | 125 | | | |
| 120 120 | 0 | 120 | | | |
| 250 | 1 | 250 | | | |
| 150 | 1 | 150 | | | |
| | | 100 | | | |

| | (refer | to MSBA Ed | | Guidelines gram & Space Standard Guidelines) | |
|--------------------|--------------------------|------------|--------------------|-------------------------------------------------|------------------------------------------------------------------------------------------------------|
| a totals | ROOM NFA ¹ | # OF RMS | area totals | Comments | |
| 13,200 | | 12 | 11,900 | | |
| | | | | | |
| 3,300 | 1,200 | 2 | 2,400 | 1,100 SF min - 1,300 SF max | assume 1/7 enrollment in K - enrollment / 7 x 18 students per CR |
| 9,900 | 950 | 10 | 9,500 | 900 SF min - 1,000 SF max | enrollment / 23 less K CRs |
| 5,325 | | | 3,020 | | |
| 0 | 950 | 2 | 1,900 | 8% of pop. in self-contained SPED | enrollment x 8% - 12 students per class |
| 0 | 60 | 2 | 120 | e /o er pop. III een eentamee er EB | one for every full-size SPED CR |
| 1,000 | 500 | 1 | 500 | 1/2 size Genl. Clrm. | one for each 200 students |
| 500 | 500 | 1 | 500 | 1/2 size Genl. Clrm. | one for first 400 students plus one per each add'l 400 |
| 150 | | | | | |
| 750 250 | | | | | = |
| 500 | | | | | = |
| 200 | | | | | |
| 150 | | | | | |
| 250 | | | | | |
| 250 | | | | | |
| 650 | | | | | |
| 275 250 | | | | | = |
| 150 | | | | | = |
| .00 | | | | | |
| 2,500 | | | 2,500 | | |
| 1,000 | 1,000 | 1 | 1,000 | assumed schedule 2 times / week / student | enrollment / 25 students per class x 2 / 30(2 period / week / student (or 2 out of 30 periods/week)) |
| 150 | 150 | 1 | 150 | | one for every art CR |
| 1,200 | 1,200 | 1 | 1,200 | assumed schedule 2 times / week / student | enrollment / 25 students per class x 2 / 30(2 period / week / student (or 2 out of 30 periods/week)) |
| 150 | 75 | 2 | 150 | | one per 150 students |
| 3,400 | | | 6,300 | | |
| 3,000 | 6,000 | 1 | 6,000 | 6000 SF Min. Size | |
| 250 | 150 | 1 | 150 | | |
| 150 | 150 | 1 | 150 | | |
| 0.000 | | | 2.020 | | |
| 2,020 2,020 | 2,020 | 1 | 2,020 2,020 | | 2,020 SF for first 300 students plus 4.5 SF/student over 300 |
| 2,020 | 2,020 | | 2,020 | | 2,020 OF TOT HIST GOO Stade His plas 4.5 OF /Stade Hist OVER GOO |
| 4,430 | | | 4,430 | | |
| 1,430 | 1,430 | 1 | 1,430 | 3 seatings - 15SF per seat | 15/Occ SF Din 10/Occ SFAud. |
| 1,000 | 1,000 | 1 | 1,000 | | 000 05 for first 400 and other plus 0 000 05 (at the state of 000 |
| 200 | 200 | 1 | 200 | 1600 SF for first 300 + 1 SF/student Add' | 200 SF for first 400 sudents plus 0.333 SF/ student over 300 |
| 1,600 200 | 1,600 200 | 1 | 1,600 200 | 20 SF/Occupant | 200 SF for first 400 students plus 0.333 SF/student over 400 |
| 200 | 200 | ' | 200 | | 200 of 101 mot 400 stations plas 0.000 of /stationt 0ver 400 |
| 510 | | | 510 | | |
| 60 | 60 | 1 | 60 | | |
| 250 | 250 | 1 | 250 | | 1 272 1 1 1 |
| 200 | 100 | 2 | 200 | | one per each 250 students |
| 2,015 | | | 2,015 | | |
| 300 | 300 | 1 | 300 | | 300 SF for first 300 students plus 0.5 SF/student over300 |
| 100 | 100 | 1 | 100 | | |
| 150 | 150 | 1 | 150 | | |
| 110 | 110 | 1 | 110 | | |
| 375 | 375 | 1 | 375 | | - |
| 125 | 125 120 | 0 | 125 | | one per each 600 students |
| 120 | 120 | 1 | 120 | | 5.10 ps. 545 500 olddonio |
| 250 | 250 | 1 | 250 | | 7 |
| 150 | 150 | 1 | 150 | | one per each 300 students |
| • | | | | - | |

DRAFT Proposed Space Summary- Elementary School w/ 286 Students

14-CLASSROOM, 286-STUDENT, ELEMENTARY SCHOOL, NEWTON, MA

| ELEMENTARY SCHOOL | Existing Conditions | | | |
|----------------------------------------------------|---------------------|---|--|--|
| Guidance Storeroom | | 0 | | |
| Teachers' Work Room | | C | | |
| USTODIAL & MAINTENANCE | | 0 | | |
| Custodian's Office | | C | | |
| Book Storage | | (| | |
| Custodian's Storage (cleaning equip/supplies) | | (| | |
| Recycling Room / Trash | | C | | |
| Receiving and General Supply (paper, etc.) | | C | | |
| Outdoor Equipment Storage | | C | | |
| Network/Telecom Room | | C | | |
| THER | | 0 | | |
| Other (specify) | | | | |
| AfterCare Program space | | | | |
| ROPOSED BUILDING - TOTAL | | | | |
| Total Building Net Floor Area (NFA) | | | | |
| Proposed Student Capacity/Enrollment | | | | |
| Total Building Gross Floor Area (GFA) ² | | | | |
| | | | | |
| Grossing factor (GFA/NFA) | | | | |

| PROPOSED | | | | | |
|----------|-------|--------|--|--|--|
| | Total | | | | |
| 35 | 1 | 35 | | | |
| 300 | 1 | 300 | | | |
| | | 1,900 | | | |
| 150 | 1 | 150 | | | |
| 375 | 1 | 375 | | | |
| 375 | 1 | 375 | | | |
| 400 | 1 | 400 | | | |
| 200 | 1 | 200 | | | |
| 200 | 1 | 200 | | | |
| 200 | 1 | 200 | | | |
| | | 1,000 | | | |
| 1,000 | 1 | 1,000 | | | |
| | | 36,300 | | | |
| | | 286 | | | |
| | | 55,539 | | | |
| | | 1.53 | | | |
| | 1 | | | | |

| (refer t | to MSBA Ed | | uidelines ram & Space Standard Guidelines) |] |
|----------|------------|--------|-----------------------------------------------|--------------------------------------------------------------|
| 35 | 1 | 35 | | |
| 300 | 1 | 300 | | 300 SF for first 300 students plus 0.5 SF/student over 300 |
| | | 1,900 | | |
| 150 | 1 | 150 | | 7 |
| 375 | 1 | 375 | | |
| 375 | 1 | 375 | | |
| 400 | 1 | 400 | | |
| 200 | 1 | 200 | | 200 SF for first 300 students plus 0.333 SF/student over 300 |
| 200 | 1 | 200 | | 200 SF for first 300 students plus 0.667 SF/student over 300 |
| 200 | 1 | 200 | | |
| | | | | |
| | | 0 | | |
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| | | | | 4 |
| | | | | 7 |
| | | 34,595 | | 7 |
| | | , | | |
| | | 286 | | 180 |
| | | | | 7 |
| | | 52,930 | | 7 |
| | | 02,000 | | = |
| | | 1.53 | | = |
| | | | | |

Includes the net square footage measured from the inside face of the perimeter walls and includes all specific spaces assigned to a particular program area including such spaces as non-communal toilets and storage rooms.

Includes the entire building gross square footage measured from the outside face of exterior walls

| policies of the |
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| t |

¹ Individual Room Net Floor Area (NFA)

² Total Building Gross Floor Area (GFA)



Preliminary Middle Educational Specifications 850 Students 550 Students

850-STUDENT, SCHOOL, NEWTON, MA MIDDLE

| MIDDLE SCHOOL | Existing Conditions | | | | | | |
|----------------------------------------------------|--------------------------|----------|-----------|--|--|--|--|
| ROOM TYPE | ROOM NFA ¹ | # OF RMS | area tota | | | | |
| CORE ACADEMIC SPACES | | | | | | | |
| (List classrooms of different sizes seperately) | | | | | | | |
| Classroom - General | | | | | | | |
| Small Group Seminar (20-30 seats)/ Resource | | | | | | | |
| Science Classroom / Lab | | | | | | | |
| Prep Room | | | | | | | |
| | | | | | | | |
| SPECIAL EDUCATION | | | | | | | |
| (List classrooms of different sizes seperately) | | | | | | | |
| Self-Contained SPED | | | | | | | |
| Self-Contained SPED Toilet | | | | | | | |
| Resource Room | | | | | | | |
| Small Group Room / Reading | | | | | | | |
| DT 9 MIICIO | | | | | | | |
| ART & MUSIC Art Classroom | | | | | | | |
| Art Workroom w/ Storage & kiln | | | | | | | |
| Art Workroom w/ Storage & kiln | 1 | | | | | | |
| Band / Chorus - 100 seats | 1 | | | | | | |
| Music Practice / Ensemble | 1 | | | | | | |
| Music Fractice / Ensemble | | | | | | | |
| OCATIONS & TECHNOLOGY | | | | | | | |
| Tech. Clrm (E.G. Drafting, Business) | | | | | | | |
| (2.3. 2.3.3) | | | | | | | |
| Tech. Shop - (E.G. Consumer, Wood) | | | | | | | |
| (2.0 3 | | | | | | | |
| | | | | | | | |
| IEALTH & PHYSICAL EDUCATION | | | | | | | |
| Gymnasium | | | | | | | |
| Gym Storeroom | | | | | | | |
| Health Instructor's Office w/Shower & Toilet | | | | | | | |
| Locker Rooms - Boys/Girls w/Toilets | | | | | | | |
| AEDIA OENTED | | | | | | | |
| MEDIA CENTER Media Center/Reading Room | | | | | | | |
| Wedia Certer/neading noom | | | | | | | |
| DINING & FOOD SERVICE | | | | | | | |
| Cafetorium/Dining | | | | | | | |
| Stage | | | | | | | |
| Chair/Table/Equipment Storage | | | | | | | |
| Kitchen | | | | | | | |
| Staff Lunch Room | | | | | | | |
| | | | | | | | |
| MEDICAL | | | | | | | |
| Medical Suite Toilet | | | | | | | |
| Nurses' Office/Waiting Room | | | | | | | |
| Examination Room / Resting | | | | | | | |
| | | | | | | | |
| ADMINISTRATION & GUIDANCE | | | | | | | |
| General Office / Waiting Room/Toilet | - | | | | | | |
| Teachers' Mail and Time Room | 1 | | | | | | |
| Duplicating Room | - | | | | | | |
| Records Room Principal's Office w/ Conference Area | + | | | | | | |
| Principal's Secretary / Waiting | 1 | | | | | | |
| Assistant Principal's Office - AP1 | | | | | | | |
| Assistant Principal's Office - AP2 | 1 | | | | | | |
| Supervisory / Spare Office | 1 | | | | | | |
| Conference Room | | | | | | | |
| | | | | | | | |
| Guidance Office | | | | | | | |
| Guidance Waiting Room | | | | | | | |
| Guidance Storeroom | | | | | | | |
| | | | | | | | |
| Teachers' Work Room | | | | | | | |

| PROPOSED | | | | | | |
|--------------------------|----------|-------------|--|--|--|--|
| | Total | | | | | |
| ROOM NFA ¹ | # OF RMS | area totals | | | | |
| | | 0 | | | | |
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| (refer | to MSBA E | | Guidelines gram & Space Standard Guidelines) | |
|--------------------------|-----------|---------------------|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ROOM NFA ¹ | # OF RMS | area totals | Comments | |
| | | 39,740 | | |
| 950 | 30 | 28,500 | 850 SF min - 950 SF max | total home rooms = enrollment / 23 students per class x 85%util. less sci CR less art CR less voc. Tech CR & shops |
| 500 | 2 | 1,000 | | one for each 400 students |
| 1,200 80 | 8 | 9,600 640 | 1 period / day / student | enrollment / 23 students per class x 85%util. x 5 / 30(1 period / day / student (or 5 out of 30 periods/week)) one for every science CR / lab |
| | | 9,060 | | |
| 950 | 6 | 5,700 | assumed 8% of pop. in self-contained SPED | enrollment x 8% - 12 students per class |
| 60 | 6 | 360 | | one for every full-size SPED CR |
| 500 | 4 | | 1/2 size Genl. Clrm. | one for each 200 students |
| 500 | 2 | 1,000 | 1/2 size Genl. Clrm. | one for first 400 students plus one per each add'l 400 |
| 1.000 | | 4,800 | control to FOO/ population 2 times / | ancellment / 92 at idente pay close v E00/ of population v 2 / 90 / 0 actival / wasts / at 0 actival 600 actival (wasts) |
| 1,200 150 | 2 | 2,400 300 | assumed use - 50% population 2 times / week | enrollment / 23 students per class x 50% of population x 2 / 30(2 period / week / student (or 2 out of 30 periods/week) one for every art CR |
| | | | | |
| 1,500 200 | 3 | 1,500 | assumed use - 50% population 2 times / week | enrollment / 100 students per class x 50% of population x 2 / 30(2 periods / week / student (or 2 out of 30 periods/wee one for first 600 students plus one per each add'l 200 |
| 200 | Ū | | | |
| 1 000 | 0 | 6,400 | Assumed use - 25% Population - 5 times/week | and the set / 00 at along the set of set of set of set of set of 100 / 4 and along / at along the set of 00 and along the set of 100 and along the 100 and along the set of 100 and along the 100 and al |
| 1,200 | 2 | 2,400 | Assumed use - 25% Population - 5 times/week | enrollment / 23 students per class x 25% of population x 5 / 30(1 period / day / student (or 5 out of 30 periods/week)) |
| 2,000 | 2 | 4,000 | Assumed use - 25% Population - 5 times/week | enrollment / 23 students per class x 25% of population x 5 / 30(1 period / day / student (or 5 out of 30 periods/week)) |
| | | 8,400 | | _ |
| 6,000 | 1 | 6,000 | | |
| 150 | 1 | 150 | | |
| 250 1,000 | 1 2 | 250 2,000 | | - |
| | | | | |
| 5,268 | 1 | 5,268 5,268 | | 2,680 SF for first 400 students plus 5.75 SF/student over 400 |
| -, | | • | | - |
| 5,667 | 1 | 10,212 5,667 | 2/3 Enrollment @ 10 SF/Seat | 15/Occ SF Din 10/Occ SFAud. |
| 1,600 | 1 | 1,600 | 2/0 2/10 di / 0 0/ / 0 0 0 | 10/000 01 5/11. 10/000 01/144. |
| 483 | 1 | 483 | 1600 SF for first 300 + 1 SF/student Add'l | 200 SF for first 400 sudents plus 0.333 SF/ student over 300 |
| 2,150 313 | 1 | | 1600 SF for first 300 + 1 SF/student Add'l 20 SF/Occupant | 200 SF for first 400 students plus 0.25 SF/student over 400 |
| | | | | |
| 60 | 1 | 710 | | |
| 250 | 1 | 250 | | |
| 100 | 4 | 400 | | one per each 250 students |
| | | 3,800 | | |
| 525 | 1 | 525 | | 300 SF for first 400 students plus 0.5 SF/student over400 |
| 100 200 | 1 | 100 200 | | - |
| 200 | 1 | 200 | | |
| 375 125 | 1 | 375 125 | | 4 |
| 150 | 1 | 150 | | |
| 150 | 1 | 150 | | none for first 500 students plus one per each 500 students over 500 |
| 150 350 | 1 | 150 350 | | |
| 150 | 5 | 750 | | one per each 200 students |
| 100 | 1 | 100 | | |
| 50 | 1 | 50 | | - |
| 575 | 1 | 575 | | 300 SF for first 300 students plus 0.5 SF/student over 300 |
| <u> </u> | | | | |

| 850-STUDENT, SCHOOL, NEWTON, MA | MIDDLE | | | | | |
|----------------------------------------------------|--------|----------------------------------------|-----------------|---------|--|--|
| MIDDLE SCHOOL | | Exi | sting Condition | ons | | |
| ROOM TYPE | | ROOM NFA ¹ # OF RMS area | | | | |
| CUSTODIAL & MAINTENANCE | | | | 0 | | |
| Custodian's Office | | | | | | |
| Custodian's Workshop | | | | | | |
| Custodian's Storage | | | | | | |
| Recycling Room / Trash | | | | | | |
| Receiving and General Supply | | | | | | |
| Storeroom | | | | | | |
| Network/Telecom Room | | | | | | |
| OTHER | | | | 0 | | |
| Other (specify) | | | | U | | |
| Other (specify) | | | | | | |
| Total Building Net Floor Area (NFA) | | | | 0 | | |
| . , , | | | | | | |
| Proposed Student Capacity/Enrollment | | | | | | |
| Total Building Gross Floor Area (GFA) ² | | | | | | |
| Grossing factor (GFA/NFA) | | | | #DIV/0! | | |
| · | | | | | | |

| PROPOSED | | | | | | | |
|--------------------------|----------|-------------|--|--|--|--|--|
| Total | | | | | | | |
| ROOM NFA ¹ | # OF RMS | area totals | | | | | |
| | | 0 | | | | | |
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| (refer | to MSBA E | _ | Guidelines gram & Space Standard Guidelines) | |
|--------------------------|-----------|-------------|-------------------------------------------------|--------------------------------------------------------------|
| ROOM NFA ¹ | # OF RMS | area totals | Comments | |
| | | 2,325 | | |
| 150 | 1 | 150 | | |
| 250 | 1 | 250 | | |
| 375 | 1 | 375 | | |
| 400 | 1 | 400 | | |
| 383 | 1 | 383 | | 200 SF for first 300 students plus 0.333 SF/student over 300 |
| 567 | 1 | 567 | | 200 SF for first 300 students plus 0.667 SF/student over 300 |
| 200 | 1 | 200 | | |
| | | | | |
| | | 0 | | |
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| | | 00 =4= | | |
| | | 90,715 | | |
| | | 850 | | 160 |
| | | 650 | | 100 |
| | | 100.000 | | |
| | | 136,000 | | |
| | | 1.50 | | |
| | | 1.50 | | |
| | | | | |

| Grossing factor (GFA/NFA) | | #DIV/0! | | | #DIV/0! | | | | 1.50 | | | |
|----------------------------------------------------|----------------|------------------------------------------------------------------|-----------------|--------------------------------|----------------|------------------|---------------|----------------|---------------------|--------------------------------|-------------------|------------------------|
| ¹ Individual Room Net Floor Area (NFA) | Includes the r | net square footage measured | I from the insi | de face of the perimeter walls | s and includes | all specific spa | aces assigned | l to a particu | ular program are | a including such spaces as n | non-communal toil | ets and storage rooms. |
| ² Total Building Gross Floor Area (GFA) | Includes the e | entire building gross square fo | ootage meası | ured from the outside face of | exterior walls | | | | | | | |
| Architect Certification | | fy that all of the information pring Authority to the best of my | | | | | | cordance w | rith the rules, rec | ulations and policies of the M | Massachusetts | |
| | | Name of Ar | rchitect Firm | : | | | | | | | | |
| | | Name of Princip | oal Architect | | | | | | | | | |
| | | Signature of Princip | oal Architect | : | | | | | | | | |
| | | | Date | : | | | | | | | | |

550-STUDENT, SCHOOL, NEWTON, MA

MIDDLE

| MIDDLE SCHOOL | Exi | Existing Conditions | | | | | | |
|----------------------------------------------------------------------|--------------------------|---------------------|-------------|--|--|--|--|--|
| ROOM TYPE | ROOM NFA ¹ | # OF RMS | area totals | | | | | |
| CORE ACADEMIC CRACES | | | 0 | | | | | |
| CORE ACADEMIC SPACES | | | 0 | | | | | |
| (List classrooms of different sizes seperately) Classroom - General | | | | | | | | |
| Small Group Seminar (20-30 seats)/ Resource | | | | | | | | |
| Science Classroom / Lab | | | | | | | | |
| Prep Room | | | | | | | | |
| | | | | | | | | |
| SPECIAL EDUCATION | | | 0 | | | | | |
| (List classrooms of different sizes seperately) | | | | | | | | |
| Self-Contained SPED | | | | | | | | |
| Self-Contained SPED Toilet | | | | | | | | |
| Resource Room | | | | | | | | |
| Small Group Room / Reading | | | | | | | | |
| ADT & MUCIO | | | | | | | | |
| ART & MUSIC | | | 0 | | | | | |
| Art Classroom | | | | | | | | |
| Art Workroom w/ Storage & kiln | | | | | | | | |
| Band / Chorus - 100 seats | | | | | | | | |
| Music Practice / Ensemble | | | | | | | | |
| Wusie Fractice / Ensemble | | | | | | | | |
| VOCATIONS & TECHNOLOGY | | | 0 | | | | | |
| Tech. Clrm (E.G. Drafting, Business) | | | | | | | | |
| | | | | | | | | |
| Tech. Shop - (E.G. Consumer, Wood) | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| HEALTH & PHYSICAL EDUCATION | | | 0 | | | | | |
| Gymnasium | | | | | | | | |
| Gym Storeroom Health Instructor's Office w/Shower & Toilet | | | | | | | | |
| | | | | | | | | |
| Locker Rooms - Boys/Girls w/Toilets | | | | | | | | |
| MEDIA CENTER | | | 0 | | | | | |
| Media Center/Reading Room | | | | | | | | |
| 5 | | | | | | | | |
| DINING & FOOD SERVICE | | | 0 | | | | | |
| Cafetorium/Dining | | | | | | | | |
| Stage | | | | | | | | |
| Chair/Table/Equipment Storage | | | | | | | | |
| Kitchen | | | | | | | | |
| Staff Lunch Room | | | | | | | | |
| MEDICAL | | | | | | | | |
| MEDICAL Medical Suite Toilet | | | 0 | | | | | |
| Nurses' Office/Waiting Room | | | | | | | | |
| Examination Room / Resting | | | | | | | | |
| | | | | | | | | |
| ADMINISTRATION & GUIDANCE | | | 0 | | | | | |
| General Office / Waiting Room/Toilet | | | | | | | | |
| Teachers' Mail and Time Room | | | | | | | | |
| Duplicating Room | | | | | | | | |
| Records Room | | | | | | | | |
| Principal's Office w/ Conference Area | | T | | | | | | |
| Principal's Secretary / Waiting | | | | | | | | |
| Assistant Principal's Office - AP1 | | | | | | | | |
| Assistant Principal's Office - AP2 | | | | | | | | |

| | PROPOSED | |
|--------------------------|----------|-------------|
| | Total | |
| ROOM NFA ¹ | # OF RMS | area totals |
| | | 0 |
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| (refe | r to MSBA E | | Guidelines ogram & Space Standard Guidelines) | |
|--------------------------|-------------|--------------------|-----------------------------------------------------------|--------------------------------------------------|
| ROOM NFA ¹ | # OF RMS | area totals | Comments | |
| | | 26,850 | | |
| 950 | 21 | 19,950 | 850 SF min - 950 SF max | total home rooms = er |
| 500 1,200 | 1 5 | 500 6,000 | 1 period / day / student | one for each 400 stude enrollment / 23 studen |
| 80 | 5 | 400 | r period / day / student | one for every science |
| | | 6,040 | | |
| 950 | 4 | 3,800 | assumed 8% of pop. in self-contained SPED | enrollment x 8% - 12 s |
| 60 | 4 | 240 | 1/O sine Comb Clare | one for every full-size |
| 500 500 | 3 | | 1/2 size Genl. Clrm. 1/2 size Genl. Clrm. | one for each 200 stude one for first 400 stude |
| | | | | _ |
| 1,200 | 1 | 3,050 1,200 | assumed use - 50% population 2 times / week | enrollment / 23 studen |
| 150 | 1 | 150 | | one for every art CR |
| 1,500 | 1 | 1,500 | assumed use - 50% population 2 times / week | enrollment / 100 stude |
| 200 | 1 | 200 | | one for first 600 studer |
| | | 3,200 | | |
| 1,200 | 1 | 1,200 | Assumed use - 25% Population - 5 times/week | enrollment / 23 studen |
| 2,000 | 1 | 2,000 | Assumed use - 25% Population - 5 times/week | enrollment / 23 studen |
| | | | | |
| | | 8,400 | | |
| 6,000 150 | 1 | 6,000 150 | | - |
| 250 | 1 | 250 | | |
| 1,000 | 2 | 2,000 | | - |
| 2 5 4 2 | 4 | 3,543 | | 0.690.05 for first 400 |
| 3,543 | 1 | 3,543 | | 2,680 SF for first 400 s |
| 3,667 | 1 | 7,737 | 2/3 Enrollment @ 10 SF/Seat | 15/Occ SF Din 10/O |
| 1,600 | 1 | 1,600 | LIO ETITORINIETI W TO ST /SEAL | 15/000 51 1511 10/0 |
| 383 | 1 | 383 | | 200 SF for first 400 su |
| 1,850 238 | 1 1 | 1,850 238 | 1600 SF for first 300 + 1 SF/student Add'l 20 SF/Occupant | 200 SF for first 400 stu |
| 200 | | | 20 OF /Occupant | 200 31 101 11131 400 311 |
| 60 | 1 | 610 | | |
| 250 | 1 | 250 | | |
| 100 | 3 | 300 | | one per each 250 stud |
| | | 3,200 | | |
| 375 | 1 | 375 | | 300 SF for first 400 stu |
| 100 200 | 1 1 | 100 200 | | |
| 200 | 1 | 200 | | |
| 375 | 1 | 375 | | |
| 125 | 1 | 125 | | |
| 150 | 1 | 150 | | |
| 150 | 1 | 150 | | none for first 500 stude |

550-STUDENT, SCHOOL, NEWTON, MA

¹ Individual Room Net Floor Area (NFA)

MIDDLE

| MIDDLE SCHOOL | Existing Conditions | | | | |
|----------------------------------------------------|--------------------------|----------|-------------|--|--|
| ROOM TYPE | ROOM NFA ¹ | # OF RMS | area totals | | |
| Supervisory / Spare Office | | | | | |
| Conference Room | | | | | |
| | | | | | |
| Guidance Office | | | | | |
| Guidance Waiting Room | | | | | |
| Guidance Storeroom | | | | | |
| | | | | | |
| Teachers' Work Room | | | | | |
| | | | | | |
| CUSTODIAL & MAINTENANCE | | | 0 | | |
| Custodian's Office | | | | | |
| Custodian's Workshop | | | | | |
| Custodian's Storage | | | | | |
| Recycling Room / Trash | | | | | |
| Receiving and General Supply | | | | | |
| Storeroom | | | | | |
| Network/Telecom Room | | | | | |
| | | | | | |
| <u>OTHER</u> | | | 0 | | |
| Other (specify) | | | | | |
| | | | | | |
| T I D . 'I I' . N E (NEA) | | | | | |
| Total Building Net Floor Area (NFA) | | | 0 | | |
| Drange and Child ant Consoit // Envallment | | | | | |
| Proposed Student Capacity/Enrollment | | | | | |
| 2 | | | | | |
| Total Building Gross Floor Area (GFA) ² | | | | | |
| 0 : (: (054/154) | | | "DD1/G: | | |
| Grossing factor (GFA/NFA) | | | #DIV/0! | | |
| | | | | | |

| | PROPOSED | |
|--------------------------|----------|-------------|
| | Total | |
| ROOM NFA ¹ | # OF RMS | area totals |
| | | |
| | | |
| | | |
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| | | #DIV/0! |
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| | | |

| (refer | to MSBA E | MSBA Guidel ducational Program 8 | ines & Space Standard Guidelines) | |
|--------------------------|-----------|-------------------------------------|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ROOM NFA ¹ | # OF RMS | area totals | Comments | |
| 150 | 1 | 150 | | ┪ |
| 350 | 1 | 350 | | |
| | _ | | | |
| 150 | 3 | 450 | | one per each 200 students |
| 100 50 | 1 1 | 100 50 | | — |
| 30 | ! | 50 | | |
| 425 | 1 | 425 | | 300 SF for first 300 students plus 0.5 SF/student over 300 |
| | | | | <u> </u> |
| | | 2,025 | | |
| 150 | 1 | 150 | | |
| 250 | 1 | 250 | | |
| 375 | 1 | 375 | | _ |
| 400 | 1 | 400 | | 000 05 ((" + 000 + 1 + 1 + 0 000 05 (+ 1 + 1 + 000 |
| 283 367 | 1 1 | 283 367 | | 200 SF for first 300 students plus 0.333 SF/student over 300 200 SF for first 300 students plus 0.667 SF/student over 300 200 SF for first 300 students plus 0.667 SF/student over 300 200 200 200 200 200 200 200 200 200 |
| 200 | 1 | 200 | | 200 SF for first 500 students plus 0.007 SF/student over 500 |
| 200 | , | 200 | | |
| | | 0 | | |
| | | | | |
| | | | | |
| | | | | |
| | | 64,655 | | _ |
| | | 550 | | 177 |
| | | | | — ''' |
| | | 97,429 | | |
| | | 31,723 | | - |
| | | 1.51 | | |
| | | - | | 7 |

| ² Total Building Gross Floor Area (GFA) | Includes the entire building gross square footage measure | ed from the outside face of exterior walls |
|----------------------------------------------------|-----------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Architect Certification | | Proposed Space Summary" is true, complete and accurate and in accordance with the rules, regulations and policies of the |
| | Massachusetts School Building Authority to the best of m | y knowledge and belief. A true statement, made under the penalties of perjury. |
| | Name of Architect Firm: | |
| | Name of Principal Architect: | |
| | Signature of Principal Architect: | |

Date:

Includes the net square footage measured from the inside face of the perimeter walls and includes all specific spaces assigned to a particular program area including such spaces as non-communal toilets and storage rooms.

Middle School Enrollment Projections (Not included at this time)

E

Assessment Questionaire (See 2007 Report)



Facility Assessments

Elementary Schools:

Angier
Bowen
Burr
Cabot
Countryside
Franklin
Horace Mann
Lincoln-Eliot
Mason-Rice
Memorial-Spaulding
Peirce
Underwood
Ward
Williams
Zervas

Middle Schools:

Bigelow Brown Day Oak Hill

Other:

Carr

Education Center

Note: updated information in BOLD

| lewton Schools Stud | ly - Facility Assessment | | | | | |
|-----------------------------|----------------------------------------|--------------------------|---------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------|
| | | | | | | |
| ANGIER SCHOOL | | | | | | |
| 1697 Beacon Steet | | | | | | |
| | | | | | | |
| | | | | ANGIER SCHOOL | | |
| BUILDING DATA: | | | | | | What his |
| | site area: | 1.98 Acres | | | | |
| | zoning district: | PUB | | | 華 | |
| | building area: | 51,300 gross square feet | | | | |
| | number of floors: | 3 | | | | |
| | historical status: | unknown | | | | |
| | year built: | 1919 | | | | |
| | additions/renovations/upgrades: | 1936 | | | | |
| | assessment value: | n/a | | | | |
| | | | | | The state of the s | |
| | | | | 297 M/J | 441 R22 | |
| Key to Rating: | | | | | | 16.10 |
| | ion with ordinary maintenance required | | | V | 3 | |
| 2 = Good condition with m | | | and the | | | |
| | airs or replacement required | | | | | |
| 1 = Poor condition with rep | placement required | | | | | |
| | | | | | | |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Pating | Comments |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------|------------------|-------------------------|-----------------------|----------------------|---------|--------------------------------------------------------------------------------------------------------------------------------|
| BUILDING EXTERIOR | iwateriai | Condition/Age | 155065 | 155065 | 155005 | 135065 | rialing | Comments |
| | | | | | | | | |
| Roof systems | Cold-applied flat roof | No active leaks reported, metal roof edge in good condition/ 10 years | NO | NO | NO | NO | 1 | |
| Exterior walls | Load bearing masonry, concrete window/door surrounds, watertable and detailing. Newer brick window headers at rear and sides of bldg. | Good/original | NO | NO | NO | NO | 1 | Repair and clean |
| Windows | Aluminum w/ thermal break and thermal glazing, fixed, hopper & awning types | Good/1982 | YES | NO | NO | NO | 2 | Note: Opaque blank off panels at upper windows. Translucent in some areas. All should be replaced with insulated glass panels. |
| Doors/hardware | Aluminum w/ pebble fiberglass panels | Good condition, hardware is non accessible/recent | NO | YES | NO | NO | 2 | Replace with accessible hardware & auto-open device |
| Areaways | Concrete retaining walls with painted steel grates, open steel pipe guardrail. | Steel grates appear sound. Areaways are clean and are well maintained. Crumbling concrete at 3 locations. | | NO | YES | NO | 3 | Replace or modify guardrails. Repair concrete. |
| Exterior steps/ramps | Concrete ramp w/ painted steel pipe guardrail at main door. One step landing at all other doors are non accessible. | Fair condition. Landings are original; ramp's age is unknown | NO | YES | NO | NO | 3 | Provide accessible entrances. |
| Structural concerns | None. | | | | | | | |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Rating | Comments |
|-------------------------------|---------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------|-------------------------|-----------------------|----------------------|------------|------------------------------------------------------------------------|
| BUILDING INTERIOR | | | | | | | | |
| Partitions | Glazed brick full height @ upper corridors; painted plaster walls, typical and at basement corridor | Fair/original. Exposed conduit, panels, etc. detract functionally & aesthetically. | NO | NO | NO | NO | 3 | Note: CMU walls do not adapt well to service upgrades. |
| Floors | VCT, typical; VAT and carpet | Carpet is in fair condition. VCT is in good condition. | NO | NO | NO | NO | 2 | Replace carpet and VAT w/ VCT. |
| Ceilings | 2x4 ACT and 2x2 ACT; some areas w/ original painted plaster. | Good/recent. Older ceilings have sagging/stained tiles. | NO | NO | NO | NO | 2 | Replace older tiles. |
| Doors/borrowed lights | Wood solid core doors w/ wood frames and wire glass lights. Shades added to borrowed lights for safety. | Fair/original | NO | NO | NO | NO | 3 | Refinish or replace. |
| Hardware | | Fair/original | NO | YES | NO | NO | 3 | Replace w/ accessible hardware & required locking sets. |
| Interior built-in furnishings | Minimal. Faculty room has laminate counter/cabinets. Others are wood. | Good/recent. Fair/original | NO | YES | NO | NO | 1 and 3 | Note: minimal storage capacity throughout building. |
| Lockers/cubbies | Wood cubbies in corridors. | Fair/unknown | NO | NO | YES | NO | 3 | Replace with metal double tier 15" x 30" or 12" x 60" if space allows. |
| Window treatments | Various: vertical & horizontal blinds, and shades | Good/recent; Fair/older versions. | NO | NO | NO | NO | 2 | Replace/upgrade to provide consistent light control. |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|-----------------|-------------|------------|--------|-------------------------------------------------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| Toilet rooms | Adult: CMU, ceramic tile, VCT, plaster; wood/metal partitions | Poor/original. Non accessible | NO | YES | NO | NO | 3 | Replace/upgrade toilet rooms |
| | Student: CMU, ceramic tile, epoxy flooring, plaster; wood/metal and laminate partitions | Fair/original. Non accessible. Updates include a portion of flooring, partitions, and fixtures. Poor ventilation, even with open windows. | NO | YES | NO | NO | 3 | Upgrade toilet rooms to be fully accessible; improve ventilation. |
| Stairs | Concrete w/ steel nosing; metal hand & guardrails | Fair/original. Railings are non accessible. New paint at front stairs, worn paint at back stairs. | NO | YES | NO | NO | 3 | Replace railings. |
| Elevator | None. Stair lift at main entry stair. | Good/recent. Impedes function of main circulation stair when in use. | NO | YES | NO | NO | 3 | Note: Stair lift does not provide access to entire building. |
| Signage | Minimal, mostly on paper. | Poor. | NO | YES | NO | YES | 4 | Provide code-compliant signage. |
| Gymnasium equipment | Wood athletic floor; wood backstops. Gym is inaccessible. | Fair/water damage is a recurring problem. Flooding destroyed a portion of the floor, repairs on going. | NO | YES | NO | NO | 3 | Replace floor. Provide accessible gymnasium. |
| Kitchen | Warming Kitchen | Good/functional | NO | NO | NO | NO | 1 | |
| Cafeteria | VCT floor/painted plaster walls | Fair/functional | NO | NO | NO | NO | 1 | Note: "Cafeteria" is located in the basement corridor. |
| Code concerns | 1. Exterior doors are non accessible at 2. All door hardware in non accessible 3. Exposed electrical conduit/panels, p. 4. Doors swing open into original stair 5. Open cubbies in corridor create a fl. 6. Stair lift does not access all floors of 7. No visual of front entry creates a set 8. Quantity and distribution of toilet factors. | e. Diping, etc. throughout building. Wells, obstructing the path of travel. ammability risk. If the buiding (excludes gym and two concurring the path of the buiding (excludes gym and two concurrity risk. | , . | ng limited acce | ss. | | | |

Angier School - 2011 Update

| | | | F | A : - : : : | 1:4- O-4-+ | Other Carla | | |
|-------------------------|-------------------------------------|-------------------------------------|------------------|------------------|------------|--------------|--------|------------------------------|
| | Material | Condition/Age | Energy Issues | Accessibility | Issues | Other Code | Dating | Comments |
| | Material | Condition/Age | issues | Issues | issues | Issues | naling | Comments |
| BUILDING SYSTEMS | | | | | | | | |
| | | | | | | Mechanical | | |
| | | | | | | ventilation | | |
| | | | | | | below | | |
| | | | | | | standard or | | |
| Heating/ventilation/air | | , , , | Boiler | | | missing in | | Systems are past their |
| conditioning | Steam by oil w/UV's AC in offices | poor/1940; 1 new boiler since 2007 | inefficient | NO | NO | areas | 4 | normal useful life |
| | | | | Student | | | | |
| | | | | fixtures not | | | | |
| | | | | accessible; | | Fixtures not | | |
| | | | | faculty | | water | | Systems are past their |
| Plumbing | Piping unknown | Poor - original, 92 years | NO | minimal | NO | conserving | 4 | normal useful life |
| | | | | | | | | |
| | | | | | | | | |
| Fire Protection | None | | | | | | - | |
| | | | | | | Insufficient | | |
| Electrical Service | | | | | | working | | |
| Equipment | 400A. 3 phase, 4 wire, 120/208V | Fair - + 35 years | NO | NO | | clearances | 3 | Should be upgraded. |
| Equipment | 120/200V | l all - + 35 years | 110 | 110 | 110 | clearances | 3 | Should be appliated. |
| | Circuit breaker panelboards with | | | | | | | |
| Distribution System | conduit and wire feeders. | Fair - + 35 years | NO | NO | NO | NO | 3 | Should be upgraded. |
| Distribution System | Conduit and wire recaers. | Tall + 00 years | 140 | 110 | 140 | | | Chould be appliated. |
| | | | | | | Insufficient | | |
| | | | | | | working | | Both generators should be |
| | | | | | | clearances; | | replaced with one Code |
| | T | | | | | Not 2 hour | | compliant unit with 2 hour |
| | Two indoor generators; small serves | Edia de la Seria de la com | NO | NO | | fire rated | 0.4 | rated room or exterior |
| Emergency System | lighting, large serves building. | Fair - + 55 years Fair - + 45 years | NO | NO | NO | room. | 3-4 | mounted. |
| | | | | | | Mounting | | |
| | | | | | | height and | | |
| | Multi-zone: ADA compliant; corridor | | | | | locations of | | |
| | smoke detectors and door holders; | | | | | some pull | | Some pull stations should be |
| Fire Alarm System | master box. | Good - 10-15 years | NO | NO | NO | stations. | 2 | relocated. |
| - | | - | | | | | | |

| | | | I_ | | 0 | 011 0 1 | | |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|------------------|----------------------|-----------------------|--------------------------------------------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Dating | Comments |
| | Material | Condition/Age | 155065 | issues | issues | issues | | New in 2001. Phone lines |
| | | | | | | | | should be extended to |
| Telephone System | Multiple outside lines. | Good - 10-15 years | NO | NO | NO | NO | 2 | classrooms. |
| Lighting System | Generally 2x4 recessed fluorescent | Fair to Good - + 25 years | NO | NO | | No multiple switches in offices with natural light. No occupancy sensors in classrooms. | 2-3 | Broken and discolored lenses should be replaced. Additional fixtures needed in some rooms. New energy efficient lamps and electronic ballasts by utility company. |
| Lighting Gyotom | Contrary Extracocco nacroscon | Tanto doca 1 20 years | 110 | 110 | 110 | GIGGOT GOTTIO: | 20 | banasis by aimty company. |
| Receptacles | Generally standard duplex type. | Fair to Good - + 35 years | NO | NO | NO | NO | 3-4 | Additional receptacles/circuits needed throughout facility. |
| Security System | Control panel in Teacher's room closet; keypads at specific doors; Motion detectors in corridors and stairs; Notifies UL Central Station. | Fair - Mixed | NO | NO | NO | NO | 3 | System will need upgrading. |
| Sound/Intercom | Dial phone and speaker in classrooms; ceiling speakers in corridors. | Good - 10 years | NO | NO | NO | NO | 2 | No independent sound systems |
| Clock/Program Bell System | Classroom and Office battery clock. Corridor and classroom speaker with bell tones. | Good - 10 years | NO | NO | NO | NO | 2 | |
| Information Technology System | Data in classrooms and office areas; Minimal wireless system. | Good - 10 years | NO | NO | NO | NO | 2 | Additional data outlets needed in classrooms. |
| Cablevision System | None | | | | | | - | Service should be provided. |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|--------------------|--------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------|--------|---------------|-------------|------------|--------|------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| SITE FEATURES | | | | | | | | |
| Parking | Bituminoust concrete at side of building, small parking area in rear | Fair. No accessible route from live parking to school; inadequate separation between parking and paved play area. | NO | YES | YES | NO | 3 | Repair/reconfiguration |
| Sidewalks/ramps | Concrete | Fair/poor - entrance ramps are in poor condition, concrete sidewalk by play area in disrepair. Rear entrances are not accessible. | NO | YES | NO | NO | 3 | Reconstruction |
| Fields | Turf/skinned infield | Drainage problem in field. No accessible route. | NO | YES | NO | NO | 3 | Repair |
| Plantings | Attractive groves of trees, lawn and plantings at building | | NO | NO | NO | NO | | |
| Play structures | 2 separate: K-2 (timber), and 3,4,5 (steel), swingset in adjacent park | K-2 fair/poor - 3,4,5 good. K-2 surfacing/structure is not accessible | NO | YES | NO | NO | 3 | Reconstruction for K-2 |
| Courts | Bituminous concrete basketball at school, tennis and bb at adjacent park | School basketball/fair, Park facilities/good | NO | NO | NO | NO | 3 | Reconfigure basketball |
| Benches/bike racks | Located in front of school and by play area | Good | NO | NO | NO | NO | 1 | |
| Fencing | Wire mesh, steel fencing at rear and side perimeter | Good | NO | NO | NO | NO | 1 | |
| Lighting | Parking area lighting | None | | | | | | |
| | Building flood lights | Fair | NO | NO | NO | NO | 3 | Replace lighting. |
| | Exterior door lights | Fair | NO | NO | NO | NO | 3 | Replace lighting. |

| - Newton Schools Stud | y - Facility Assessment | | | | | | | |
|--------------------------------|---------------------------------------|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|-------|--------|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BOWEN SCHOOL | | | | | | | | / - |
| 80 CYPRESS STREET | | | | | | | | / - |
| BUILDING DATA: | | | | | | | | |
| | site area: | 11.54 acres | | ? | | | | |
| | zoning district: | PUB | | | BOWEN | , cuon | | And the second s |
| | building area: | 64,953 gross square feet | | | BUWER | | | |
| | number of floors: | 3 | | | | | | |
| | historical status: | None | | | | 100 | | |
| | year built: | 1952 | And a server of manifest of the server of th | 280 | | | | |
| | additions/renovations/upgrades: | 1989, 2000, 2007 - modular | | 280 | | | | |
| | assessment value: | n/a | | | | | | |
| | | | | | | | - Control | |
| Key to Rating: | | | | | | | 1 | |
| = New or in good condition | on with ordinary maintenance required | | | | | | | STANSAL SUCCESSION |
| 2 = Good condition with mi | inor repairs required | | | | | | | |
| B = Fair condition with repart | airs or replacement required | | | | | | | |
| I = Poor condition with rep | lacement required | | | | | | | |
| | | | | | | | | |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Rating | Comments |
|----------------------|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------------|-----------------------|----------------------|--------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| BUILDING EXTERIOR | | | | | | | | |
| Roof systems | Hot-applied and EPDM flat roofs | Leak in new stairwell reported, metal roof edge in good condition, majority of the roof good/11 years | NO | NO | NO | NO | 1 | |
| Exterior walls | Load bearing masonry/concrete sills/stone detailing @ main façade. | Good/original. Significant cracks and spalling of brickwork and concrete foundation, rusting lintels, stained/spalling concrete sills | NO | NO | NO | NO | 2 | Repair and clean, see note under "Structural concerns" below. |
| | Brick veneer, concrete sills | Good/2000 | NO | NO | NO | NO | 1 | |
| Windows/louvers | Aluminum w/ thermal break and thermal glazing, fixed & single-hung operable and hopper operable; metal louvers | Good/1995-single-hung, rusted steel lintels, missing trim piece; good/2000-hopper; fair/original-louvers | NO | NO | NO | NO | 2 and 3 | Repair/replace damaged or missing screens. Scrape, paint and caulk at lintel; replace missing metal trim. Note: difficult to operate, questionable quality. Replace louvers. |
| Doors/hardware | Painted metal, metal, aluminum, aluminum w/ pebble fiberglass panels; metal and wood frames | Fair/original or ages unknown; good/newer, hardware is non accessible | YES | YES | NO | NO | 3 | Replace doors and provide accessible hardware & autoopen device |
| Canopies | Glavanized sheet metal over original material; metal roof edge | Fair/age unknown, dented, stained | NO | NO | NO | NO | 3 | Repair/replace |
| Exterior steps/ramps | Concrete stoops, steps and ramps w/painted steel pipe guardrails | Good/newer, main entry. Fair/original. Spalling, deteriorating concrete. Rusting handrails, guardrails | NO | YES | NO | NO | 2-3 | Repair/patch concrete. Replace or repair rails and guardrails. |
| Structural concerns | Masonry/foundation cracks at exterior | Poor in local areas. | NO | NO | NO | NO | 4 | Repairs required. |

| | T | | Enorgy, | Acceptibility | Life Cefety | Other Code | | |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|------------------|----------------------|-------------|------------|--------|------------------------------------------------------------------------|
| | Material | Condition/Age | Energy Issues | Accessibility Issues | Issues | | Rating | Comments |
| BUILDING INTERIOR | Matorial | ochanion, ngo | 100000 | 100000 | 100000 | 100000 | riamig | Commonte |
| BUILDING INTERIOR | | | | | | | | |
| Partitions | Glazed CMU w/ painted plaster above @ corridors; painted plaster walls, typical; and with 1x1 acoustic treatment at upper walls | Good/original. Refurbished classroom door surrounds are non accessible | NO | YES | NO | NO | 2 | Modify openings to comply with accessibility codes |
| | Painted gypsum wallboard w/ vinyl base and wood chair rail. | Good/2000 | NO | YES | NO | NO | 1 | |
| Floors | Carpet,-VAT, VCT, sheet vinyl, slate at entries, epoxy flooring at Toilet rooms | Fair/original, ages unknown; good/2000 | NO | NO | NO | NO | 3 | Replace carpet and VAT with VCT |
| Ceilings | 1x1 ACT, painted plaster, 2x4 ACT and 2x2 ACT | Good/2000; peeling paint at plaster ceilings | NO | NO | NO | NO | 1 | Replace damaged tiles. Repair/paint ceilings |
| Doors/borrowed lights | Wood solid core doors w/ metal frames; shades added to borrowed lights for security | Good/2000; Fair/original | NO | NO | NO | NO | 2 | See "Partitions" for accessibility issue. |
| Hardware | | Good for ~75%/2000; Fair/original; accessible adult toilet on 2nd floor of addition does not lock. | NO | YES | NO | NO | 2 | Replace w/ accessible hardware & required locking sets. |
| Interior built-in furnishings | Wood, metal, laminate | Good/2000; Fair/original | NO | YES | NO | NO | 3 | Replace casework to include accessible hardware/sinks/fixtures. |
| Lockers/cubbies | Metal, single-tier, 15" x 60" for 2 students; metal, single-tier, narrow for 1 | Good/2000; Fair/originalrusting. Sized too small for shared use, non accessible hardware | NO | YES | NO | NO | 3 | Replace with metal double tier 15" x 30" or 12" x 60" if space allows. |
| Window treatments | Rolling shades, typical, vertical blinds | Good/age unknown | NO | NO | NO | NO | 2 | |
| Toilet rooms | Adult: CMU, ceramic tile | Fair/original. | NO | YES | NO | NO | 3 | Upgrade toilet rooms. |
| | Student: glazed CMU & ceramic tile; painted metal and wood partitions; new low flow toilets and partitions 2010. | Fair/original; Good/2010 updates | NO | YES | NO | NO | 3 | Upgrade toilet rooms. |
| | Adult: Ceramic tile floor and wainscot; accessible toilets | Good/2000, accessible | NO | NO | NO | NO | 1 | |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Rating | Comments |
|---------------------|----------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|------------------|----------------------|-----------------------|----------------------|--------|------------------------------------------------------------------------------------------------------------------|
| Stairs | Colored, aggregate concrete w/ steel nosing; wood/metal hand & guardrails | nosing are non accessible. Horizontal | NO | YES | YES | NO | 3 | Modify with wire mesh. Replace stair nosing. Provide guardrails and handrails to meet current code requirements. |
| | Concrete/metal pan construction; painted metal hand & guardrails | Good/2000 | NO | NO | NO | NO | 1 | |
| Elevator | | Good/2000 | NO | NO | NO | NO | 1 | |
| Signage | Plastic plaques | Good/2000; Fair/all other, non accessible | NO | YES | NO | NO | 3 | Install signage to meet code. |
| Gymnasium equipment | Wood athletic floor and backstops | Good/original | NO | NO | NO | NO | 1 | |
| | Glazed CMU full height and 2x4 ACT | Good/original; damaged/dirty air diffusers | NO | NO | NO | NO | 1 | Repair and clean air diffusers |
| Auditorium | VAT VCT and carpet at aisles | Good/original. | NO | NO | NO | NO | 2 | Replace VAT with VCT |
| | Painted plaster walls, painted wood platform surround; 1x1 ACT | Good/original | NO | NO | NO | NO | 2 | |
| | Carpet platform/steps; lift; fabric curtain | Unable to view-Good/date unknown. Platform is accessible by a lift from the auditorium. Lift and curtain: good/2000 | NO | NO | NO | NO | - | Note: used for Music/Drama |
| | Wood seats; 330 seats | Good/2000accessible seats are not provided | NO | YES | NO | NO | 2 | Provide accessible seating. |
| Kitchen | Warming kitchen | Good/functional | NO | NO | NO | NO | 1 | |
| Code concerns | "Dead end" corridors do not meet c At original stairs the guardrail spaci | ode requirements. ng is too openneeds to be modified/ro | eplaced. | | | | | |
| Modular addition | 1 classroom plus connector; carpet, 2x4 ACT, red-stained vertical wood siding exterior | Good/ 2007; siding is peeling | NO | NO | NO | NO | 1 | |

| | | | Enorgy | Accessibility | Life Cefety | Other Code | | |
|--------------------------------------|-------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|-----------------------|--------------------------------------------------------------|-------------|----------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | Material | Condition/Age | Energy Issues | Issues | Issues | | Rating | Comments |
| BUILDING SYSTEMS | Material | oshallon, igo | 100000 | 100000 | 100000 | 100000 | riamig | Commonio |
| Heating/ventilation/air conditioning | Steam by oil, office by central AC, 3 Special Rooms air conditioned. | Poor/original; 1 boiler/2006; 1 boiler/2011; 3 specialist spaces on 2nd floor addition overheat year round. | Boiler inefficient | NO | NO | NO | 4 | One operable boiler. One new boiler, one old (dead). System lousy, hot/cold, variable heat, erratic, potential flooding underground. Storm was blocked in '06, cleaned. |
| Plumbing | Piping original, unknown. | Poor/original | NO | Accessible toilets in Lobby and Second Floor Girls, Faculty. | | Some coverage issues. | 2 | A and E uses appear not to be separated. No standpipes. |
| Fire Protection | Sprinkler System | Good/2000 | NO | Coverage not to code in some areas | | Insufficient working clearances | 3 | Should be upgraded. |
| Electrical Service Equipment | 400A. 3 phase, 4 wire, 120/208V | Fair - original and much newer. | NO | NO | NO | Insufficient working clearances | 3 | Should be upgraded. |
| Distribution System | Circuit breaker panelboards with conduit and wire feeders. | Fair - original and much newer. | NO | NO | NO | NO | 3 | Should be upgraded. |
| Emergency System | Diesel exterior generator serves corridor and stair lighting and boilers. (Probably entire facility.) | Good - + 15 years | NO | NO | | No 2-hour fire rated room for life safety system equipment. | 2-3 | |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|--------|---------------|-------------|------------------------------------------------------------------|--------|-----------------------------------------------------------------------------------------------------|
| | Material | Condition/Age | Issues | | Issues | Issues | Rating | Comments |
| Fire Alarm System | Multi-zone: ADA compliant; Library and corridor smoke detectors and door holders; exterior master box. | Good - 10 years | NO | NO | NO | Mounting height and locations of some pull stations. | 2 | Some pull stations should be relocated. |
| Telephone System | Multiple outside lines. | Good - 10 years | NO | NO | NO | NO | 2 | |
| Lighting System | Generally 2x2 and 2x4 recessed fluorescent; surface wrap around in corridors. | Good - 10 years | NO | NO | NO | NO | 3 | Energy efficient lamps and electronic ballasts by utility company. Gym lighting should be upgraded. |
| Receptacles | Generally standard duplex type. | Fair - original in existing wing; Good - + 10 years in Addition. | NO | NO | NO | NO | 3-4 | Additional receptacles/circuits needed in existing wing. |
| Security System | Keypad at Auditorium entrance; Motion detectors in corridors, Library, and stairs; Notifies UL Central Station. | Fair - Mixed - + 10 to 25 years | NO | NO | NO | NO | 3 | System will need upgrading. |
| Door Bell System | Push button at front and back doors. Buzzer in Admin. office. | Fair | NO | NO | NO | NO | 3-4 | |
| Sound/Intercom System | Surface speakers and dial phone in classrooms; Not heard well in corridors, toilets, and exterior. | Fair - + 35 years and newer. | NO | NO | NO | NO | 2-3 | Need corridor, toilet and exterior speakers. |
| Clock/Program Bell System | Classroom and Office battery clocks. No bell tones in corridor or exterior. | Good - New clocks provided as needed. | NO | NO | NO | NO | 2 | Need bell tones in corridors and exterior. |
| Information Technology System | Data in classrooms and office areas. Wireless in Library. | Good - 15 years | NO | NO | NO | NO | 2 | Additional data outlets needed in classrooms. |
| Cablevision System | Outlets in classrooms and Library. | N/A | | | | | - | |

| | | | - | A | L'(- O - (-) | 01101- | | |
|-----------------------|---------------------------------------------------|---------------------------------------|------------------|----------------------|-----------------------|----------------------|----------|--------------------------------|
| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Rating | Comments |
| | Iviaterial | Condition/Age | 155065 | 155065 | 155065 | 155005 | rtatirig | Comments |
| SITE FEATURES | | | | | | | | |
| | | | | | | | | Cars block conc sidewalk - |
| | Cars parked on concrete sidewalk | | | | | | | access issue, no marked |
| | adjacent to drop-off, bit conc drive | | | | | | | route from hc parking to |
| Parking | and parking around building | Concrete - good, bit conc - fair | NO | YES | NO | NO | 3 | entrance, bit conc - resurface |
| | | | | | | | | |
| Sidowalko/rompo | Concrete front walk | Good | NO | NO | NO | NO | 1 | |
| Sidewalks/ramps | Concrete from wark | G000 | NO | NO | INO | NO | 1 | |
| | | | | | | | | |
| | Brick seating area | Good | NO | NO | NO | NO | 1 | |
| | | | | | | | | |
| | Concrete left entrance ramp | Fair | NO | YES | NO | NO | 3 | Rails non-compliant |
| | New concrete sidewalk at back of | | | | | | | |
| | school | Good | NO | NO | NO | NO | 1 | Under construction |
| | Turf and skinned baseline - baseball, | | | | | | | No accessible route from |
| Fields | soccer | Fair | NO | YES | NO | NO | 3 | school, turf restoration |
| 1 10100 | | | | 1.20 | | | | |
| | Attractive plantings at entrance and | | | | | | | |
| Plantings | new play area | Good | NO | NO | NO | NO | 1 | |
| | 5-12 timber,new climbing/net | | | | | | | |
| | structure, new steel swings wood | | | | | | | |
| Play structures | fibre surfacing | Good | NO | YES | NO | NO | 2 | Wood fiber surfacing |
| | | | | | | | | |
| | | | | | | | | |
| Courts | None seen - under construction | | | | | | | |
| | | | | | | | | |
| Benches/bike racks | Wood/steel benches in brick seating area in front | Good | NO | NO | NO | NO | 1 | |
| Deficites/blike facks | area in none | 4000 | INO | 140 | INO | INO | ' | |
| | | | | | | | | |
| Fencing | Some perimeter CLF | Fair | NO | NO | NO | NO | 3 | Repair |
| | | | | | | | | |
| | | | | | | | | |
| Lighting | Parking area lighting | None | | | | | | |
| | | Fair/original, ages unknown; | | | | | | |
| | Building flood lights | Good/newer | NO | NO | NO | NO | 3 | Replace lighting. |
| | Pole lighting at walkway around | | | | | | | |
| | building | Good/new | NO | NO | NO | NO | 1 | |
| | | | | | | | † | |
| | Exterior door lights at comparies | Poor/original. Rusted, most likely do | NO | NO | NO | NO | | Panlaga lighting |
| | Exterior door lights at canopies | not work. | NO | NO | NO | NO | 4 | Replace lighting. |

| lewton Schools St | udy - Facility Assessment | | | | | | |
|-------------------------------|-------------------------------------------|--------------------------------------|---------|---------|---------|--------|--|
| BURR SCHOOL 71 PINE STREET | | | | A Grand | - AND | | |
| BUILDING DATA: | | | | | BU R SC | HOOL | |
| | site area: | 8.65 acres | THE RES | | | | |
| | zoning district: | PUB | | | | | |
| | building area: | 54,232 gross square feet | | | 1 | | |
| | number of floors: | 2 | | A WAY | | | |
| | historical status: | None | | | | | |
| | year built: | 1967 | | | | | |
| | additions/renovations/upgrades: | 1998 (walls at 2nd floor classrooms) | | ACC S | | 1000 | |
| | assessment value: | n/a | | | | Mary 1 | |
| ey to Rating: | | | | | | | |
| = New or in good con | dition with ordinary maintenance required | | | | | | |
| = Good condition with | n minor repairs required | | | | | | |
| = Fair condition with r | repairs or replacement required | | | | | | |
| - Poor condition with | replacement required | | | | | | |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Rating | Comments | |
|----------------------|----------------------------------------------------------|---------------------------------------------------------------------------------------------------------------|------------------|----------------------|-----------------------|----------------------|--------|-----------------------------------------------------------------|--|
| BUILDING EXTERIOR | | | | | | | | | |
| Roof systems | Hot-applied flat roof | No active leaks reported, metal roof edge in good condition/ 24 years | YES | NO | NO | NO | 2 | Roofing > 20 years old may not meet current codes. | |
| Exterior walls | Exposed concrete structure | Fair. Applied stucco w/ white stone aggragate falling off. Stucco spalling. Original | NO | NO | YES | NO | 3 | Remove stones, seal concrete and paint. | |
| | Precast concrete and brick infill. | Good/original | NO | NO | NO | NO | 1 | | |
| Windows/louvers | Aluminum frame, double-pane glazing; metal louvers | Good/ 2011 | NO | NO | NO | NO | 1 | Replace entire window- system, scrape and paint- louvers. | |
| Doors/hardware | Aluminum w/ pebble fiberglass panels | Good/ 2011 | NO | NO | NO | NO | 1 | Replace with accessible hardware & auto open device. | |
| | Aluminum w/ pebble fiberglass panels | Good condition | NO | YES | NO | NO | 2 | Install auto-open device | |
| Exterior steps/ramps | Concrete stairs and ramp at main entry w/ aluminum rails | Good condition, minor concrete cracks; rusting at railings, railings do not meeting current AAB requirements. | NO | YES | YES | NO | 2 | Replace guardrails/handrails | |
| Structural concerns | None. | | | | | | | | |

| | | | Energy | Accessibility | Life Safety | Other Code | | | |
|-------------------------------|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------------|-------------|------------|----------------|-----------------------------------------------------------------|--|
| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments | |
| BUILDING INTERIOR | | | | | | | | | |
| Partitions | Painted CMU and painted plaster @ corridors; painted plaster walls, typical. | Good/original | NO | NO | NO | NO | 2 | | |
| Second floor partitions | Painted gypsum wallboard w/ vinyl base, typical | Good/1998 | NO | NO | NO | NO | 1 | | |
| Floors | VCT, typical w/ some remaining carpet and VAT | VCT Good/ 1998 and newer; Carpet - Fair | NO | NO | NO | NO | 1 and 3 | Replace carpet and VAT w/ VCT. | |
| Ceilings | 2x4 ACT, typical; some 2x2 ACT | Good condition, typical; stained tiles at Cafeteria | NO | NO | NO | NO | 2 | Replace damaged tiles. | |
| Doors/borrowed lights | Wood solid core doors w/ metal frames. Shades added at borrowed lights for security. | Fair/original; good/1998 | NO | NO | NO | NO | 2 | | |
| Hardware | | Good for ~75%/1998; Fair/original | NO | YES | NO | NO | | Replace w/ accessible hardware & required locking sets. | |
| Interior built-in furnishings | Stainless steel sink/counters w/ painted wood cabinet, typ.; laminate counter/cabinets | Poor/original; good elsewhere | NO | YES | NO | NO | | Replace casework to include accessible hardware/sinks/fixtures. | |
| Lockers/cubbies | Wood veneer cubbies | Good/1998 | NO | NO | NO | NO | 1 | | |
| Window treatments | Rolldown shades | Good | NO | NO | NO | NO | 1 | | |
| Toilet rooms | Adult: painted CMU/ceramic tile walls, VCT and epoxy flooring; wood/metal and laminate partitions | Good/2010 updates include flooring, new partitions, and some fixtures in toilet rooms that have been relabeled for adult use. Original adult toilets are poor. None are fully accessible. | NO | YES | NO | NO | | Replace/upgrade toilet rooms for accessibility. | |
| | Student: glazed CMU & ceramic tile; metal partitions | Good | NO | NO | NO | NO | 1 | | |
| Stairs | Concrete w/ steel nosing; wood/metal hand & guardrails | Good/original. Railings and stair nosing are non accessible. | NO | YES | NO | NO | | Replace railings & stair nosing. Install guard rails. | |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Rating | Comments |
|------------------------|---------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------|------------------|-------------------------|-----------------------|----------------------|--------|------------------------------------------------------|
| Elevator | | Good | NO | NO | NO | NO | 1 | Note: elevator does not provide access to all spaces |
| Signage | None | | NO | YES | NO | NO | 2 | Install signage per AAB code |
| Gymnasium | Wood athletic floor; wood paneling and 1x1 acoustic tiles at walls; wood backstops; operable wall | Good/original. Acoustic tiles are poor/deteriorating. Operable wall does not work. | NO | NO | NO | NO | 2 | Replace acoustic tile. |
| Auditorium / Cafeteria | VCT | Good | NO | NO | NO | NO | 1 | |
| | Birch plywood paneling/ painted drywall above | Good/original; peeling paint on high wall | NO | NO | NO | NO | 1 | Scrape, paint as necessary |
| | Wood platform is portable but is never moved; multiple fabric curtains | Good condition but inaccessible; curtains are poor/deteriorating | NO | YES | NO | NO | 3 | Provide ramp for accessibity; replace curtains. |
| Kitchen | Warming kitchen | Good/functional | NO | NO | NO | NO | 1 | |
| Code concerns | Elevator does not provide access to Open cubbies in corridor create a fl | | | | | | | |
| | | | | | | | | |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|-----------------------|------------------------------------------------------------------|-------------|-----------------------------------------------------------------------------|--------|--------------------------------------------------------------------------------------------------------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| BUILDING SYSTEMS Heating/ventilation/air conditioning | Hot water by gas, UV's in CR's (poor). AC top floor corridors and offices. | Poor - original; 1 boiler-good/2006, 1 boiler-good/ 1999 | Boiler inefficient | NO | NO | Ventilation issues | 3 | Central plant in good condition. One new boiler. AC office and CR corridors only. Serious oil in pneumatic lines issues. |
| Plumbing | Piping original, unknown | Fair - original | NO | Fixtures not accessible | NO | NO | 3 | |
| Fire Protection | None | | | | | | | |
| Electrical Service Equipment | 800A. 3 phase, 4 wire, 120/208V | Fair - original | NO | NO | NO | NO | 3-4 | Should be upgraded. |
| Distribution System | Circuit breaker panelboards with conduit and wire feeders. | Fair - original and much newer | NO | NO | NO | NO | 3-4 | Should be upgraded. |
| Emergency System | 15kW gas indoor generator in boiler room; serves corridor and stair lighting. | Fair - original | NO | NO | NO | Insufficient working clearances; Not 2-hour fire rated room. | 3-4 | Generator should be replaced with Code compliant unit in 2-hour rated room. |
| Fire Alarm System | Multi-zone: ADA compliant; classroom, Library, and corridor smoke detectors and door holders; master box. | Good - 7 to 8 years. Can't be heard in some areas. | NO | Mounting height and locations of some pull stations. | NO | | 2 | Some pull stations should be relocated. Add signals in areas where audibility is poor. |
| Telephone System | Multiple outside lines. | Good - 10 years | NO | NO | NO | NO | 2 | New in 2002. Phone lines should be extended to classrooms. |
| Lighting System | Generally 2x2 and 2x4 recessed fluorescent | Good - + 25 years | NO | NO | NO | No multiple switches in classrooms with natural light. | 2-3 | Broken and discolored lenses should be replaced. New energy efficient lamps and electronic ballasts by utility company. |
| Receptacles | Generally standard duplex type. | Fair to Good - original and much newer; recently upgraded with plugmold. | NO | NO | NO | | 3 | Additional receptacles/ circuits should be added throughout. |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Rating | Comments |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|------------------|-------------------------|-----------------------|----------------------|--------|------------------------------------------------------------------------------------------------------------------------------------------|
| | Keypads at specific doors; Motion detectors in corridors and stairs; Monitor switches on most exterior doors; interior alarm; Notifies UL | | | | | | | |
| Security System | Central Station. | Fair - Mixed - 15 years | NO | NO | NO | NO | 3 | System will need upgrading. |
| Door Bell System | Push button at front and back entrances. | Fair | NO | NO | NO | NO | 3-4 | |
| Sound/Intercom System | Dial phone and speaker in offices; non dial phone in classrooms; ceiling/ wall speakers in corridors. | | NO | NO | NO | NO | | Independent sound system in Gym needs repair. Portable system in Auditorium. Add speakers in areas where audibility is poor. |
| Clock/Program Bell System | Classroom and Office battery clocks. Corridor and classroom speaker with bell tones. | Good - New clocks provided as needed. | NO | NO | NO | NO | 2 | |
| Information Technology System | Data in classrooms and office areas; Minimal wireless system. | Good - 10 years | NO | NO | NO | NO | 2 | |
| Cablevision System | Outlets in Teacher's Room and Library | Good - + 15 years | | | | | - | |

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|-----------------------|----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------|------------------|----------------------|-----------------------|----------------------|---------|--------------------------------------------------------------------------------------------------------------------------|--|
| | Material | Condition/Age | Energy Issues | Accessibility Issues | Lite Safety Issues | Other Code Issues | Rating | Comments | |
| | iviaterial | - Condition/Age | 155065 | 133063 | 133063 | 133063 | riating | Comments | |
| SITE FEATURES Parking | Bituminous concrete at side of building, no parking outside of teachers drive | Good in front/fair in rear. No accessible route from faculty parking to school | NO | YES | NO | NO | 2 | Repair | |
| Sidewalks/ramps | Concrete ramps | New ramp to accessible building entrance | NO | NO | NO | NO | 1 | | |
| | | Front stair railing collapsing | NO | YES | YES | NO | 4 | Repair | |
| | | Catch basin at entrance plaza collapsing | NO | YES | YES | NO | 4 | Repair | |
| | Bituminous concrete sidewalks | Fair | NO | NO | NO | NO | 3 | Repair | |
| Fields | Turf/skinned base area | Fair | NO | YES | NO | NO | 3 | Repair, fields constructed over landfill, may be settling/drainage issues. Accessible route needed to some of the fields | |
| Plantings | Mature plantings and lawn areas at front of school, atttrractive grove of mature trees to side of school | Lawn areas are eroded | NO | NO | NO | NO | 3 | Reconstruct eroded lawns | |
| Play structures | 2 separate: tot swings and garden , and large 3,4,5, | K-2 fair/poor - 3,4,5 good/fair. Surfacing (both) is not accessible | NO | YES | NO | NO | 3 | Reconstruction for K-2, repair/reconstruction for 3,4,5, need to cross drive to get to play area | |
| Courts | Bituminous concrete basketball & tennis | Poor, no accessible route to tennis | NO | YES | NO | NO | 4 | Resurface | |
| Benches/bike racks | Benches located at larger play area an din garden area | Good | NO | YES | NO | NO | 1 | benches in non- accessible areas | |
| Fencing | Wire mesh, steel fencing at rear and side perimeter, separating faculty parking and paved play space | Fair/poor | NO | NO | NO | NO | 3 | repair/replace | |
| Lighting | Parking area lighting | 1 flood light on utility pole - good | NO | NO | NO | NO | 1 | | |
| Lighting | Building flood lights | 50% Fair/age unknown; 50% Good/newer | NO | | NO | NO | 3 | Replace lighting. | |
| | Exterior door lights | 50% Fair/age unknown; 50% Good/newer | NO | NO | NO | NO | | Replace lighting. | |

Burr School - 2011 Update

| Newton Schools Stud | dy - Facility Assessment | | | | | | |
|---------------------------|-----------------------------------------|---------------------------|---------|---------|---|------|---|
| | | | | | | | |
| CABOT SCHOOL | | | | | | | |
| 229 CABOT STREET | | | / | | | | |
| | | | | | | | |
| BUILDING DATA: | | | | | | | |
| JUILDING DATA. | | | | | | | |
| | site area: | 1 acre | | | | | |
| | zoning district: | PUB | | | | LELE | |
| | building area: | 45,095 gross square feet | | | | | _ |
| | number of floors: | 3 | N-WE-SO | CABOT | | | |
| | historical status: | None | | Tige!!! | | | |
| | year built: | 1929 | | | | | |
| | additions/renovations/upgrades: | 1957, 2-modular crs-1991, | | , Didit | | | |
| | | 2-modular crs-2007 | | | | | |
| | assessment value: | n/a | | | | | |
| | | | | | | | |
| Cey to Rating: | | | | | | | |
| = New or in good condit | tion with ordinary maintenance required | | | | 3 | | |
| = Good condition with m | ninor repairs required | | | | | | |
| = Fair condition with rep | pairs or replacement required | | | | | | |
| = Poor condition with re | placement required | | | | | | |
| | | | | | | | |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Rating | Comments |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|------------------|-------------------------|-----------------------|----------------------|--------|------------------------------------------------------------------------|
| BUILDING EXTERIOR | | • | | | | | Ţ | |
| Roof systems | Asphalt shingle Slate pitched roof | No active leaks reported, metal roof edge in good condition/ original | YES | NO | NO | NO | 2 | Roofing >20 years may not meet current codes |
| | Rubber flat roof | No active leaks reported, metal roof edge in good condition/18 years | NO | NO | NO | NO | 2 | |
| Exterior walls | Load bearing masonry/concrete sills/stone detailing @ main façade. | Good/original. Minor cracks and staining at masonry, rusting lintels | NO | NO | NO | NO | 1 | Repair and clean |
| | Masonry on metal stud back up; concrete sills | Fair/ original - 1957; showing signs of deterioration | NO | NO | NO | NO | 3 | Repair/ replace. |
| Windows/louvers | Aluminum w/ thermal break and glazing, fixed, hopper and awning types. Opaque panels at top. Replacement plexi-glass/Lexan. Metal louvers. | Good/1982 - 29 years; Poor/original-louvers, dented, rusted, peeling | NO | NO | NO | NO | 3 | Replace translucent windows w/ insulated glass panels. Replace louvers |
| | Steel single-pane storefront system | Poor/1957 | YES | NO | NO | NO | 4 | Replace system. |
| Doors/hardware | Aluminum, metal and wood | Poor/ages unknown. Hardware is non accessible. | YES | YES | NO | NO | 4 | Replace with accessible hardware & auto-open device |
| Exterior steps/ramps | Concrete stairs, stoops and ramp w/ painted steel pipe guardrails | Fair/original, concrete is deteriorating and railing supports are rusting. Railings do not meet accessibility code. | NO | YES | NO | NO | 3 | Repair concrete and replace railings |
| Structural concerns | None. | | | | | | | |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|-------------------------------|------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|--------|---------------|-------------|------------|--------|------------------------------------------------------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| BUILDING INTERIOR | | | | | | | | |
| Partitions | Painted plaster and concrete, typical, painted gypsum wallboard | Fair/original, patched, cracks, peeling. Door surrounds do not meet accessibility code. | NO | YES | NO | NO | 3 | Repair/paint as necessary. Modify door surrounds to meet code. |
| Floors | Carpet, typical, VCT, VAT, sheet vinyl | Good/ VCT; Fair/ older carpet | NO | NO | NO | NO | 2 | Replace carpet and VAT w/ VCT. |
| Ceilings | Painted plaster, 2x4 ACT and 2x2 ACT | Good/original plaster, ACT ages unknown | NO | NO | NO | NO | 2 | Replace damaged tiles. |
| Doors/borrowed lights | Wood solid core doors w/ metal frames. Shades added at borrowed lights for security. | Fair/original | NO | NO | NO | NO | 3 | |
| Hardware | | Fair/original, hardware is non accessible | NO | YES | NO | NO | 3 | Replace w/ accessible hardware & required locking sets. |
| Interior built-in furnishings | Wood, metal, laminate | Fair/original | NO | YES | NO | NO | 3 | Replace to include accessible hardware/sinks/fixtures. |
| Lockers/cubbies | Wood cubbies, metal lockers of various sizes | Poor/ages unknownseem to be "hand-me-down"; rusting and inappropriate sizes. | NO | YES | NO | NO | 4 | Replace with metal double tier 15" x 30" or 12" x 60" if space allows. |
| Window treatments | Rolling shades, typical | Good/age unknown | NO | NO | NO | NO | 2 | |
| Toilet rooms | Adult: Painted plaster and gypsum wallboard, VAT and VCT; wood/metal partitions Student: glazed or painted CMU, | Poor/original. Non accessible Good/2011 new toilets, partitions, | NO | YES | NO | NO | | Replace/upgrade toilet rooms Replace/upgrade toilet |
| | ceramic tile walls, epoxy floors; laminated partitions | flooring. Non accessible and poor ventilation. | NO | YES | NO | NO | 2 | rooms. Entries and sinks not accessible. |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|-----------------------------|------------------------------------------|------------------------------------------------------------------|--------|---------------|-------------|------------|--------|------------------------------------------------------|
| | Material | Condition/Age | Issues | | Issues | Issues | Rating | Comments |
| | | | | | | | | |
| | Painted concrete w/ steel nosing; | Good/original. Railings and stair | | | | | | Replace railings & stair |
| Stairs | wood/metal hand & guardrails | nosing are non accessible. | NO | YES | NO | NO | 2 | nosing. |
| | | | | | | | | |
| | | | | | | | | |
| Elevator | None | | NO | YES | NO | NO | 4 | Install elevator |
| | | | | | | | | |
| Signage | Plastic plaques | Fair/age unknown | NO | YES | NO | NO | 3 | Replace signage to include braille |
| Signage | r lastic plaques | 1 all/age unknown | INO | 1120 | INO | | 0 | branie |
| | Wood athletic floor and backstops; | | | | | | | |
| Company of the second block | wood paneling and painted CMU | Cood/aviatinal | NO | NO | NO | NO | | |
| Gymnasium/Assembly | above; exposed acoustic deck | Good/original | NO | NO | NO | NO | 2 | |
| | | Fair/original; platform is not | | | | | | Provide ramp or lift solution |
| | Wood platform; fabric curtains | accessible; Good/newer curtains | NO | YES | NO | NO | 3 | for access to the platform |
| | | | | | | | | |
| Kitchen | Warming kitchen | Functional | NO | NO | NO | NO | 2 | |
| Kitchen | wanning kitchen | Functional | NO | INO | NO | INO | | |
| | 1. The majority of the building is inacc | cessibleno elevator. | | | | | | |
| | 2. All hardware is non accessible. | | | | | | | |
| | 3. Open cubbies in corridor create a f | | | | | | | |
| | 4. No visual of front entry creates a se | • | | | | | | |
| Code concerns | 5. Classroom without windows (one | skylight only). ets, does not meet code requiremen | te | | | | | |
| | o. madequate quantity of addit ton | ets, does not meet oode requirement | | | | | | |
| | | | | | | | | Due to modular location one |
| | | December 11 at 15 at 15 | | | | | | room was reduced in size |
| | | Poor/20 years old, siding is | | | | | | (the library) and a second |
| | | deteriorating (one elevation has been replaced in its entirety), | | | | | | room does not have windows. Dead end corridor. Poor |
| | | physical connection is poor, roof | | | | | | indoor air quality and mold |
| | | leaks, no canopy or | | | | | | is a real concern. Exit door |
| "1991" Modulars (2 | | weatherstripping at doorway - rain | | | | | | freezes shut. Modular |
| classrooms, 1 support | Wood vertical siding; pre-fab metal | comes right in; poor or non- | | | | | | spaces >20 years should be |
| space and toilet rooms) | walls, ACT and carpet | existent ventilation at toilet rooms. | YES | YES | YES | YES | 4 | replaced. |
| | | | | | | | | |
| | | | | | | | | |
| | | | | | | | | Due to modular location |
| | | | | | | | | windows were elimintated |
| | | | | | | | | in one teaching space and |
| | | Good/ 4 years old; roof leaks; | | | | | | reduced in another. Repair |
| "2007" Modulars (2 | Wood vertical siding; pre-fab | stained ceiling tiles; exterior door | | | | | | roof leaks and provide |
| classrooms) | metal walls, ACT and carpet | not weather tight | NO | NO | NO | NO | 2 | weatherstripping at door. |

| | | | Грания | A a a a a i b i litu . | Life Cofety | Other Code | | |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|------------------|-------------------------|-----------------------|-----------------------------------------------------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------|
| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Issues | Rating | Comments |
| | Waterial | Condition/Age | 133063 | 133063 | 133063 | 133063 | riating | Comments |
| BUILDING SYSTEMS | | | Deller | | | | | |
| Heating/ventilation/air conditioning | Steam by oil, unit ventilators in Classrooms, some with companion exhausters. AC in Office and modulars. | Poor/original 82 years. 1 boiler/ 1950 - poor; 1 new boiler since 2007 | | NO | NO | NO | 4 | Only one operable boiler. Pipes leaking in Boiler Room. |
| Plumbing | Piping original, unknown | Poor/original | NO | Fixtures not accessible | NO | No domestic hot water throughout school. | 4 | Domestic water piping is corroded, pitting on inside, leaks patched with clamps. |
| Fire Protection | None | | | | | | _ | |
| Electrical Service Equipment | 600A. 3 phase, 4 wire, 120/208V | Fair to Poor - + 55 years | NO | NO | NO | Insufficient working clearances | 3-4 | Should be upgraded. |
| Distribution System | Circuit breaker panelboards with conduit and wire feeders. | Fair to Poor - + 55 years | NO | NO | NO | NO | 3-4 | Should be upgraded. |
| Emergency System | 10kW gas indoor generator in boiler room; serves corridor and stair lighting. | Poor - + 55 years; not working; being fixed. | NO | NO | NO | Insufficient working clearances; Not 2 hour fire rated room. | 3-4 | Generator should be replaced with Code compliant unit in 2-hour rated room. |
| Fire Alarm System | Multi-zone: not ADA compliant; Library and corridor smoke detectors and door holders; exterior master box. | Good - + 35 years. Not heard throughout. | NO | NO | NO | Mounting height and locations of some pull stations. | 2 | All signals need to be ADA; Some pull stations should be relocated. Additional signals needed where audibility is poor. |
| Tolonbono System | Multiple outside lines | Cood 7 years | NO | NO | NO | NO | 0 | Now in 2004 |
| Telephone System | Multiple outside lines. | Good - 7 years | NO | NO | NO | NO | 2 | New in 2004. |
| Lighting System | Generally 2x2 recessed, surface wraps and surface metal box fluorescents. | Good - 15 to 25 years | NO | NO | NO | NO | 2-3 | Lenses need replacement in some areas. New energy efficient lamps and electronic ballasts by utility company. |
| Receptacles | Generally standard duplex type. | Fair to Good - + 55 years and newer now being installed. | NO | NO | NO | NO | 3-4 | Additional receptacles/ circuits should be added throughout. |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Rating | Comments |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|------------------|-------------------------|-----------------------|----------------------|--------|---------------------------------------------------|
| Security System | Keypad at Custodian door; Motion detectors in corridors and Administration office; Monitor switches on exterior doors; Notifies UL Central Station. | | NO | | NO | NO | 3 | System will need upgrading. |
| Security System | OL Central Station. | Fair - Mixed - 15 years | INO | INO | INO | INO | 3 | System will need upgrading. |
| Door Bell System | Push button at rear and front entrance; Bell in Admin. | Fair | NO | NO | NO | NO | 3-4 | |
| Sound/Intercom System | classrooms and offices; ceiling speakers in corridors; Independent system in Auditorium. | Good - 10 years. Some repairs needed. | NO | NO | NO | NO | 2 | |
| Clock/Program Bell System | Classroom and Office battery clocks radio controlled. Corridor and classroom speaker with bell tones. | Good - New clocks provided as needed. | NO | NO | NO | NO | 2 | |
| Information Technology System | Data in classrooms and office areas; Minimal wireless system. | Good - 10 years | NO | NO | NO | NO | 2 | Additional data outlets needed in all classrooms. |
| Cablevision System | Outlets in science classroom and adjacent room. | Good - 25 years | | | | | - | |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Rating | Comments |
|--------------------|----------------------------------------------------------------------|-------------------------------------------------------------------|------------------|-------------------------|-----------------------|----------------------|------------|-------------------------------------------------------------------------|
| SITE FEATURES | IMaterial | Outdition/Age | 133063 | 155005 | 133063 | 133063 | rtating | Comments |
| Parking | Bituminous concrete | Fair/poor | NO | NO | NO | NO | 4 | Replace/resurface - repair potholes |
| Sidewalks/ramps | Concrete curb ramp & entrance ramp & stair | Fair/poor | NO | YES | NO | NO | 3 | Surface condition |
| Sidewaiks/ramps | Concrete/bituminous concrete front | | | | | | | Surface condition, some |
| | walks | Fair | NO | YES | NO | NO | 3 | sections need to be replaced |
| | Concrete ramp to play area entrance | Poor | NO | YES | NO | NO | 4 | Drop off on stoop/ replace |
| | Brick seating area at side of school | Good | NO | NO | NO | NO | 1 | |
| | Ramp & stairs - access from parking area | Poor | NO | NO | NO | NO | 4 | Replace |
| Fields | Turf - skinned base area, L.L. baseball & soccer | Good/fair | NO | YES | NO | NO | 2 | Some turf restoration needed, curb cut but no accessible route to field |
| Plantings | | Plantings are in good or fair condition/turf is in poor condition | NO | | | NO | | Turf compaction & shaded out |
| Play structures | 5-12 - steel & swings - timber | 5-12 is in good condition, swings are in fair condition | NO | YES | NO | NO | 1 and 2 | Play structure is accessible, swings are not |
| Courts | Bituminous concrete paved area @ school front for ball sports | Fair/poor | NO | YES | YES | NO | 3 | Old concrete footing is tripping/safety hazard, resurface |
| Benches/bike racks | Recycled composite benches by fields, seating area - metal bike rack | Good | NO | NO | NO | NO | 1 | |
| Fencing | CLF @ perimeter | Fair | NO | NO | NO | NO | 3 | Repair framework at front, new fabric in some areas |
| Lighting | Parking area lighting | None | | | | | | |
| | Building flood lights | Fair/age unknown | NO | NO | NO | NO | 3 | Replace lighting. |
| | Exterior door lights | Poor/original. | NO | NO | NO | NO | 4 | Replace lighting. |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|----------------------|--------------------------------------------------------------------------------------------|------------------------------------------------------------------------|--------|---------------|-------------|------------|--------|---------------------------------------------------------------------------------------------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| BUILDING EXTERIOR | | | | | | | | |
| Roof systems | Hot-applied flat roof | Leaks reported/ 1986 -25 years; repairs, some new sections/ 2006 | YES | NO | NO | NO | 2 | Roofing >20 years old may not meet current codes. |
| Exterior walls | Load bearing masonry/concrete sills/polished granite at main entries | Good/original. Staining at concrete sills. | NO | NO | NO | NO | 1 | Clean concrete |
| Windows/louvers | Aluminum w/ thermal break and thermal glazing, fixed & single-hung operable; metal louvers | Good/1990; Poor/original-louvers | NO | NO | NO | NO | 3 | Repair/replace damaged or missing screens. Note: difficult to operate, questionable quality. Replace louvers. |
| | Steel frame, single-pane glazing, metal louvers | Poor/original | YES | NO | NO | NO | 4 | Replace . |
| Doors/hardware | Metal, wood, aluminum, aluminum w/ pebble fiberglass panels; metal frames | Good/newer; Poor/original and age unknown. Hardware is non accessible. | YES | YES | NO | NO | 3 | Replace doors, provide accessible hardware & autoopen devices. |
| Areaways | Brick/CMU w/ metal grate | Good/original | NO | NO | NO | NO | 1 | |
| Exterior steps/ramps | Concrete steps, stoops, ramps with metal pipe handrails/guardrails | Fair/original, rusting at rails | NO | YES | NO | NO | 3 | |
| Canopies | Metal-edged, flat roofed w/ brick piers and metal panel soffits | Good/original, metal is worn/faded | NO | NO | NO | NO | 2 | |
| Structural concerns | None. | | | | | | | |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Rating | Comments |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|------------------|-------------------------|-----------------------|----------------------|----------------|-------------------------------------------------------------------------------------------------------------------------|
| BUILDING INTERIOR | Material | Condition/Age | 133403 | 133003 | 133463 | 133403 | riating | Comments |
| Partitions | Glazed CMU @ corridors; painted plaster walls, typical; 1x1 ACT at upper walls; painted gypsum wall board | Good/original. Door surrounds are non accessible | NO | YES | NO | NO | 3 | Modify openings to comply with accessibility codes. No acoustic privacy between two sensitive spaces. |
| Floors | VAT , VCT, carpet, terrazzo | Fair/ages unknown; Good/newer VCT; Fair carpet at Library | NO | NO | NO | NO | 1 and 3 | Replace carpet and VAT w/VCT; replace Library carpet with new carpet. |
| Ceilings | 1x1 ACT, painted plaster, typical; 2x4 ACT and 2x2 ACT | | NO | NO | NO | NO | 1 | Replace damaged tiles. |
| Doors/borrowed lights | Wood solid core doors, some painted, w/ metal and wood frames. Shades added at borrowed lights for security. | Fair/original | NO | NO | NO | NO | 3 | See "Partitions" for accessibility issue. |
| Hardware | | Fair/original | NO | YES | NO | NO | 3 | Replace w/ accessible hardware & required locking sets. |
| Interior built-in furnishings | Wood, metal, laminate | Fair to poor/original. 2 classrooms without sinks. | NO | YES | NO | NO | 3 | Replace casework, provide accessible hardware/sinks/fixtures. |
| Lockers/cubbies | Metal, single-tier, 15" x 60" for 2 students; wood cubbies | Poor/originalrusting. Sized too small for shared use, non accessible hardware | NO | YES | NO | NO | 3 | Replace with metal double tier 15" x 30" or 12" x 60" if space allows. |
| Window treatments | Rolling shades, typical | Good/age unknown | NO | NO | NO | NO | 2 | Replace as needed |
| Toilet rooms | Adult: CMU, ceramic tile, VCT; wood/metal partitions | Poor/original. Non accessible | NO | YES | NO | YES | 4 | Replace/upgrade toilet rooms. Too few toilet rooms and poorly distributed. |
| | Student: glazed CMU full height, 2x2 terrazzo tile, painted plaster ceiling; painted steel partitions and laminate partitions | Fair to Poor/original. Non accessible. Some updates of | NO | YES | NO | YES | 3 to 4 | Replace/upgrade toilet rooms. Too few toilet rooms and poorly distributed. |
| Stairs | Painted concrete w/ steel nosing; wood/metal hand & guardrails | Good/original. Railings and stair nosing are non accessible. | NO | YES | NO | NO | 2 | Replace railings & stair nosing. Provide transition strip between concrete and VCT. Refinish/paint treads and landings. |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Rating | Comments |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------|-----------------------|----------------------|--------|--------------------------------------------------------------------------------------------|
| Elevator | Garaventa vertical lift | Good/ 2010 | NO | NO | NO | NO | 1 | Install elevator |
| Signage | None | | NO | YES | NO | NO | 4 | Install signage to include braille |
| Gymnasium equipment | Wood athletic floor and backstops | Good/original | NO | NO | NO | NO | 2 | |
| | Glazed CMU, full height; 2x2 ACT | Fair/ original-CMU, major vertical crack; Fair/age unknown-ACT, sagging/stained | NO | NO | NO | NO | 3 | Investigate/repair crack; replace ACT ceiling |
| Auditorium/ Cafeteria | VAT and poured, sloped concrete floor has been covered in 2 level tiers with VCT finish; painted plaster w/acoustic treatment at ceiling | Good/original | NO | NO | NO | NO | 2 | |
| Additionally Careteria | Wood paneling at platform surround and wainscot; painted plaster w/acoustic treatment at walls | Good/original. | NO | NO | NO | NO | 2 | |
| | Wood platform; fabric curtains; painted plaster ceiling | Poor/original. Platform is not accessible from auditorium. Good/newer-curtains. Ramp to platform has been provided. It is inaccessible from one level to the next within the space. | NO | YES | NO | NO | 3 | Refinish/replace flooring. Provide accessible route from auditorium. Note: used for Music |
| | Wood seats, 432 seats have been removed | Good/original. No accessible seats | NO | YES | NO | NO | 2 | Provide accessible seating. |
| Kitchen | Warming kitchen | Good/functional | NO | NO | NO | NO | 1 | |
| Code concerns | Use of Auditorium lobby for program No elevator. Site grading at building perimeter ca Flooding at the basement level store Quantity and distribution of toilet fa Open cubbies create a flammability Due to 1998 modular addition, or | age areas may cause a health risk. cilities do not meet code. risk. | and creates | · | t meet code. | 1 | | |

| | Material | I | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Rating | Comments |
|-----------------------------------------------|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------|-----------------------|----------------------|--------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| "1991" modular addition includes 2 classrooms | Wood vertical siding; carpet, VCT, 2x4 ACT | Fair/1991; damaged ceiling tiles from various roof leaks, damaged window screen, wood exterior steps need repairs, stained carpet; exterior has newer paint | YES | NO | NO | NO | 3 | Note: too close to wetlands. No nearby toilet facilities. Modular spaces >20 years in age should be replaced. |
| | Wood vertical siding; carpet, VCT, 2x4 ACT | Fair/1998; damaged ceiling tiles from various roof leaks, stained carpet; window/wall leak over a period of years triggered a mold problem, that is mostly repaired | YES | NO | NO | NO | 3 | Note: too close to wetlands. No nearby toilet facilities. The facility is past its ave. life cycle of 10 years; maintenance and upkeep efforts will continue to increase. |

| | | | Energy | Accessibility | Life Safety | Other Code | | _ |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-----------------------------------------------------------|---------------------------|-------------|----------------------------------------------------------------------------|--------|-------------------------------------------------------------------------------------------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| BUILDING SYSTEMS | | | | | | | | |
| Heating/ventilation/air conditioning | Steam by oil was converted to gas; classroom unit ventilators without supplemental radiation. | Poor/original, 58 years; 1 failed boiler/1985; 1 good boiler/2007 | Boiler inefficient, unit ventilators run 24/7 | NO | NO | Ventilation is suspect in some areas | 4 | Only one operable boiler. Boilers have been flooded a couple of times, ATC compressor "blows off". |
| Plumbing | Piping original, unknown | Unknown/ original, fair to poor | NO | Marginal accessibility | NO | Domestic hot water not available at all sinks. | 4 | Domestic water circulator looks inoperable. Ground water flooding in Basement from slightest rain. |
| Fire Protection | None | | | | | | - | |
| Electrical Service Equipment | 400A. 3 phase, 4 wire, 120/208V | Fair - + 55 years | NO | NO | NO | Insufficient working clearances | 3 | Should be upgraded. |
| Distribution System | Circuit breaker panelboards with conduit and wire feeders. | Fair - + 55 years | NO | NO | NO | NO | 3 | Should be upgraded. |
| Emergency System | 150kW diesel exterior generator serves corridor and stair lighting and boilers. (Possibly entire facility.) | Good - 10 to 15 years | NO | NO | NO | No 2-hour fire rated room for life safety system equipment. | 2 | |
| Fire Alarm System | Multi-zone: ADA compliant; auditorium and corridor smoke detectors and door holders; heat detectors in basement; master box. | Good - 10 years | NO | NO | NO | Mounting height and locations of some pull stations. | 2 | Some pull stations should be relocated. |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Rating | Comments |
|----------------------------------|---------------------------------------------------------------------------------------------------|----------------------------------------|------------------|-------------------------|-----------------------|----------------------|--------|--------------------------------------------------------------------|
| Telephone System | Multiple outside lines. | Good - 15 years | NO | NO | NO | NO | 2 | Phone lines should be extended to classrooms. |
| Lighting System | Generally 2x2 and 2x4 recessed fluorescent; surface wrap around in classrooms and some corridors. | Good - + 20 years | NO | NO | NO | NO | 2 | Energy efficient lamps and electronic ballasts by utility company. |
| Receptacles | Generally standard duplex type. | Fair - + 55 years | NO | NO | NO | NO | 3-4 | Additional receptacles/circuits needed throughout facility. |
| Security System | Keypads at specific doors; Motion detectors in corridors and stairs; Notifies UL Central Station. | Fair - Mixed - + <mark>35</mark> years | NO | NO | NO | NO | 3 | System will need upgrading. |
| Door Bell System | Push button at front door. Buzzer in office area. | Fair | NO | NO | NO | NO | 3-4 | |
| Sound/Intercom System | Privacy switches and surface speakers in classrooms; corridor speakers; exterior speakers. | Fair - + 35 years | NO | NO | NO | NO | 3-4 | |
| Clock/Program Bell System | Classroom and Office battery clocks. Corridor speakers with bell tone. | Good - New clocks provided as needed. | NO | NO | NO | NO | 2 | |
| Information Technology System | Data in classrooms and office areas. Some wireless. | Good - 15 years | NO | NO | NO | NO | 2 | Additional data outlets needed in classrooms and some offices. |
| Cablevision System | None | | | | | | - | Service should be provided. |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|--------------------|------------------------------------------------------------|-------------------------------------------------|--------|---------------|-------------|------------|------------|----------------------------------------------------------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| SITE FEATURES | | | | | | | | |
| Parking | Bituminous concrete at side of school | Fair | NO | YES | NO | NO | 3 | Settlement @ curbramp is access issue, resurface |
| Sidewalks/ramps | Concrete sidewalks - sides of drive | Poor | NO | YES | NO | NO | 4 | Poor surface condition/replace |
| | Bituminous concrete @ front | Fair | NO | NO | NO | NO | 3 | |
| | Bituminous concrete courtyard | Fair | NO | NO | NO | NO | 3 | Resurface |
| Fields | Turf and skinned baseline - baseball, soccer | Fair/poor | NO | YES | NO | NO | 3 | No access path to field |
| Plantings | Mature plantings at school front, turf, garden @ courtyard | Plantings - fair/good, turf - fair/poor | NO | NO | NO | NO | 2 and 3 | Turf restoration |
| Play structures | (2) 5-12 timber/steel and K-2 timber/steel, swings | Good | NO | YES | NO | NO | 2 | Wood fibre surfacing, no accessible path to area |
| Courts | Bituminous concrete paved play area, basketball | Play area - fair, basketball - good | NO | YES | NO | NO | 2 | No marked crosswalk across drive, access path onto court has settled |
| Benches/bike racks | Wood/steel benches at front & fields | Good | NO | YES | NO | NO | 2 | Placement in fields - not accessible |
| Fencing | Perimeter CLF, vinyl coated CLF at front | Fair/poor | NO | NO | NO | NO | 3 | Repair framework/replace |
| Lighting | Parking area lighting | None | | | | | | |
| | Building flood lights | Good/newer; Poor/older | NO | NO | NO | NO | 3 | Replace lighting. |
| | Exterior door lights | Poor/original. Rusted, most likely do not work. | NO | NO | NO | NO | 4 | Replace lighting. |

| lewton Schools Stud | dy - Facility Assessment | | | | | | |
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| RANKLIN SCHOOL | | | | | | | |
| 25 DERBY STREET | - | | | | | 1 | |
| 23 DERIDT OTTICET | | | | | | | |
| | | | | | | | |
| BUILDING DATA: | | | | | | 7-4 | |
| BOILDING BITTI | | | | | | | |
| | site area: | 5.45 Acres | | | | | |
| | zoning district: | PUB | | | | | 10000000000000000000000000000000000000 |
| | building area: | 56,764 gross square feet | | | 173 /23/2 | | |
| | number of floors: | 3 | | NAME OF THE PARTY | | | |
| | historical status: | None | | la Maryan | | | |
| | year built: | 1939 | 有 | | | | |
| | additions/renovations/upgrades: | 1950, 1953 | | | | 4 24 | |
| | assessment value: | n/a | | | | | |
| | | | | | | | |
| | | | 0/22 | 一个人的 一 | | | THE RESERVE OF THE PERSON OF T |
| Key to Rating: | | | | | | - | |
| | tion with ordinary maintenance required | | | Aller and the second | | A SE SEA | 76. |
| 2 = Good condition with m | | | The last of the la | | 100 1 10 EVE 1 | | |
| | pairs or replacement required | | | | | | |
| = Poor condition with re | placement required | | | | | | |
| | | | | | | | |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
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| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| BUILDING EXTERIOR | | | | | | | | |
| Roof systems | Slate pitched roof w/ wood cupola; painted wood soffit | Good/original; peeling wood soffit | YES | NO | NO | NO | 2 | Scrape, paint wood soffit. The original roofing does not meet current energy codes. |
| | Flat roof/ rubber | No active leaks reported/ 1993 - 18 years; pentagon portion only/ 2008 | NO | NO | NO | NO | 2 | Roofing >20 years old may- not meet current codes. |
| Exterior walls | Brick veneer / load bearing masonry/concrete sills/stone detailing. | Good/original | NO | NO | NO | NO | 1 | |
| Windows/louvers | Aluminum w/ thermal break and thermal glazing, fixed & single-hung operable; metal louvers | 0,1 0, | NO | NO | NO | NO | 2 | Repair/replace damaged or missing screens. Replace louvers. Note: difficult to operate, questionable quality. Poor style selection. |
| | Glass Block at Gym | Poor/original. Damaged block, poorly infilled; metal mesh installed over block is rusted and has stained concrete window surround. | YES | NO | NO | NO | 3 | Replace with translucent insulated panels. |
| Doors/hardware | 50% aluminum w/ pebble fiberglass panels; 50% metal; painted wood trim and detailing | Good/newer doors; Fair/original, hardware is non accessible. Wood trim is peeling | YES | YES | NO | NO | 2 | Replace doors. Replace with accessible hardware & autoopen device. Scrape, paint wood trim. |
| Areaways | Concrete retaining walls with painted | Fair/original. Deteriorating concrete, minor cracks at foundation, grates are rusted but appear structurally sound. | NO | NO | NO | NO | 3 | Repair/patch concrete, scrape and paint grates. Replace or modify guardrails. Remove flimsy fiberglass awning and steel framework over basement stairway-provide more permanent solution. |
| | Concrete ramp w/ stone face; granite steps. With painted steel pipe guardrails | Good/age unknown at main entry; poor/original all other locations, concrete is deteriorating and railing supports are rusting and not secure | NO | NO | YES | NO | 3 | Repair or replace ramps and railings as needed. |
| Structural concerns | None. | | | | | | | |

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|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|--------|---------------|--------|------------|--------|------------------------------------------------------------------------|
| BUILDING INTERIOR | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| Partitions | Glazed CMU w/ painted plaster above @ corridors; painted plaster walls, typical | Good/original | NO | NO | NO | NO | 2 | |
| Floors | VAT, Carpet, VCT, Sheet Vinyl | Fair/original; Good/newer VCT | NO | NO | NO | NO | 3 | Replace VAT, carpet and sheet vinyl w/ VCT. |
| Ceilings | Painted plaster, typical, 2x4 ACT and 2x2 ACT | Good/original; some stained/damaged areas | NO | NO | NO | NO | 2 | Replace damaged tiles. Repaint painted clgs. |
| Doors/borrowed lights | Painted wood solid core doors w/ wire glass in metal frames. Shades added at borrowed lights for security. | Fair/original | NO | NO | NO | NO | 2 | |
| Hardware | | Fair/original | NO | YES | NO | NO | 3 | Replace w/ accessible hardware & required locking sets. |
| Interior built-in furnishings | Wood, metal, laminate. Wood pivot doors for storage in classroom. | Poor/original. Inadequate student individual storage. | NO | YES | NO | NO | 2 | Replace casework to include accessible hardware/sinks/fixtures. |
| Lockers/cubbies | Various types. Metal, single-tier, 15" x 60" for 2 students and wood closets in classrooms | Poor/age unknownrusting. Sized too small for shared use, non accessible hardware. Poor/original wood closets. | NO | YES | NO | NO | 3 | Replace with metal double tier 15" x 30" or 12" x 60" if space allows. |
| Window treatments | Rolling shades, typical. Vertical blinds at Auditorium/Cafeteria | Good/age unknown | NO | NO | NO | NO | 1 | |
| Toilet rooms | Adult: CMU, ceramic tile, VCT; wood/metal partitions | Poor/original. Non accessible | NO | YES | NO | NO | 4 | Replace/upgrade toilet rooms |
| | Student: glazed CMU & eeramic tile- epoxy flooring; metal and laminate partitions; painted plaster at upper walls and ceilings | Fair/original, age of metal partitions unknown. Peeling plaster at walls/ceiling. New flooring, partitions, and some fixtures/ 2010 | NO | YES | NO | NO | 3 | Replace/upgrade toilet rooms |
| Stairs | Painted concrete w/ steel nosing; wood/metal hand & guardrails; rubber treads and landings | Good/original. Railings and stair nosing are non accessible. Good/recent updates | NO | YES | NO | NO | 2 | Replace railings & stair nosing. |

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| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Rating | Comments |
| Elevator | | Good/recent, age unknown | NO | NO | NO | NO | 1 | |
| Signage | Plastic plaques | Poor, non accessible | NO | YES | NO | NO | 4 | Replace signage to include braille |
| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Rating | Comments |
| Gymnasium equipment | Wood athletic floor and backstops | Good/original | NO | NO | NO | NO | 2 | |
| | Glazed CMU walls, 1x1 acoustic tile ceiling | Good/originalwalls; Fair/original ceiling | NO | NO | NO | NO | 2 | Replace ceiling |
| Auditorium/Cafeteria/Music | VCT floor, glazed CMU w/ regular CMU above, 2x4 ACT | Good/original-walls; Good/age unknown flooring; Good/original ceilingsome stains | NO | NO | NO | NO | 2 | Replace damage ceiling tiles. (Note: 3 lunches) |
| | Wood platform | Good/original. Platform is non accessible. High wall has peeling paint damaged. | NO | YES | NO | NO | 3 | Provide accessible route to platform. Determine/fix source of damage and repair wall. |
| Kitchen | Warming kitchen | Good/functional | NO | NO | NO | NO | 1 | |
| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Rating | Comments |
| Code concerns | Not all areas are accessible. Quantity and distribution of toilet factorized. All door hardware is non accessible. No visual of front entrance creates. Re-occuring flooding at occupied. | a security risk. | sk. | | | | | |
| "Permanent" modulars (4 classrooms) | Wood vertical siding and brick; single- pane glazing in metal frames and pvc replacement casement windows; VCT and 2x4 ACT | , , , , , , | | NO | NO | NO | 3 | Replace windows with insulated glazing. Replace/repair trim. Replace ceiling tiles. |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
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| | Material | Condition/Age | Issues | Issues | | | Rating | Comments |
| BUILDING SYSTEMS | | - | | | | | | |
| Heating/ventilation/air conditioning | Steam by oil, old unit ventilators in classrooms. | 2 boilers replaced/ 1993; distribution system original. Fair to poor, 72 years. | Boiler inefficient | NO | | Classroom exhaust probably inoperable. Librarian reports musty smells. | 4 | Distribution system and terminal devices old and antiquated. Heating reported to be "awful"; hot and cold throughout. |
| Plumbing | Piping original, unknown. | Condition unknown. Fair to poor. | NO | Limited to none | NO | NO | 4 | Sewer odors in Boy's toilet. |
| Fire Protection | None | | | | | | - | |
| Electrical Service Equipment | Inaccessible | | - | - | - | - | - | |
| Distribution System | Circuit breaker panelboards with conduits and wire feeders. | Fair to Good - 43 years and much newer. | NO | NO | NO | NO | 3 | |
| Emergency System | Exterior generator. | Good - 10 years | NO | | Possibly no separation of life safety, lighting system. | NO | 2 | New in \pm 2002 possibly serves entire building. |
| Fire Alarm System | Multi-zone; not ADA compliant; Library and corridor smoke detectors and door holders; master box. | Good - 30 years | NO | NO | | Mounting height and locations of some pull stations. | 2 | Signals need to be ADA compliant. Some pull stations should be relocated. |
| Telephone System | Multiple outside lines. | Good - 15 years. | NO | NO | NO | No | 2 | Should be upgraded. |
| Lighting System | 2x2 recessed fluorescent in corridors; classroom surface and suspended fluorescent. Auditorium 2x4 recessed fluorescent. | | NO | NO | | Most classrooms without multiple switches. | 2 | New energy efficient lamps and electronic ballast by utility company. |
| Receptacles | Generally standard duplex type | Fair <u>+</u> 55 years and under | NO | NO | NO | NO | 2 | Additional receptacles/circuits needed in classrooms and office area. |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Rating | Comments |
|----------------------------------|---------------------------------------------------------------------------------------------------------------|---------------------------------------|------------------|-------------------------|-----------------------|----------------------|--------|-----------------------------------------------|
| Security System | Keypads at specific doors; motion detectors in corridors; Notifies UL Central Station | Mixes - 10 to 20 years | NO | NO | NO | NO | 3 | System will need upgrading. |
| Door Bell System | Intercom at front door; control station in Admin. | Working | NO | NO | NO | NO | 3 | |
| Sound/Intercom System | with private switches in classrooms; ceiling speakers in corridors. Auditorium with independent system. | Fair - + 25 years | NO | NO | NO | NO | 3 | System needs to be upgraded. |
| Clock/Program Bell System | Classroom and Office battery clocks; Corridor and classroom speakers with bell tones. | Good - New clocks provided as needed. | NO | NO | NO | NO | 2 | |
| Information Technology System | Data in classrooms and office areas | Good - 10 to 15 years | NO | NO | NO | NO | 2 | Additional data outlets needed in classrooms. |
| Cablevision System | Unknown | | | | | | - | |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|--------------------|-----------------------------------------------------------------------------------------|-----------------------------------------------------------------------|--------|---------------|-------------|------------|--------|-------------------------------------------------------------------------------------------------------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| SITE FEATURES | | | | | | | | |
| Parking | Bituminous concrete at back of building, some parent drop-off in parking area | Poor | NO | YES | NO | NO | 4 | Resurface, conflict between staff parking and parents dropping off at rear, accessible route through parking not marked |
| - same | p sin mig sin su | | | | | | | |
| Sidewalks/ramps | Concrete ramps | | NO | YES | NO | NO | 2 | Top rail on ramp - obstructed w/ vertical posts, repair crack at entrance ramp |
| | | Side entrances to fields not accessible | NO | YES | NO | NO | 3 | |
| | Ramp from gym to recreational facilities failing, rails not compliant | NO | YES | NO | NO | 3 | | |
| | Bituminous concrete paths | Fair/poor - sinkhole | NO | YES | YES | NO | 3 | |
| | | Rear building entrances deteriorating | NO | YES | NO | NO | 3 | |
| Fields | Turf/skinned base area | Good | NO | YES | NO | NO | 1 | |
| Plantings | Mature plantings and planting at front of school/some eroded turf slopes at sidewalk | Good/fair | NO | NO | NO | NO | 2 | Restoration of eroded slope @ sidewalk |
| Play structures | 2 separate: k-2, and 3,4,5, | 3,4,5 - fair/good, surfacing and edging not accessible, k-2 fair/poor | NO | YES | NO | NO | 2 | Repair/replace surfacing, need to cross drive to access play area |
| Courts | Bituminous concrete basketball | Good | NO | NO | NO | NO | 1 | |
| Benches/bike racks | Benches located at play area, benches located at attractive seating area at front | Some very good (new), some poor | NO | YES | NO | NO | 3 | Replace old benches, benches located in non- accessible locations |
| Fencing | Wire mesh, steel fencing at rear and side perimeter separating play areas and at front | Fair/good | NO | NO | NO | NO | 2 | Repair |
| Lighting | Parking area lighting | None | | | | | | |
| | Building flood lights | Good/newer; Fair/older | NO | NO | NO | NO | 3 | Replace lighting. |
| | Exterior door lights | None | | | | | | |

| Newton Schools Stu | dy - Facility Assessment | | | | | | | |
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| HORACE MANN SC | CHOOL | | | | | | | |
| 887 WATERTOWN ST | | | | | | | | - |
| | | | | | | | | |
| BUILDING DATA: | | | | | | | | . b |
| | | | | | | | | |
| | site area: | 1.59 Acres | | | | | | |
| | zoning district: | PUB | - | | | | 73 | |
| | building area: | 54,701 gross square feet | | | | u o | | WAY THE |
| | number of floors: | 3 | | | | "ORACE MAN | | |
| | historical status: | None | | | | 1 | Ston L | |
| | year built: | 1965 | | | | The state of the s | | |
| | additions/renovations/upgrades: | 2001-enclosed operable w/ walls | 200 | 20000000 | | | | |
| | | 2-modulars 2002; 1-modular 2007 | | | Marian I | | | |
| | assessment value: | n/a | | | | | | |
| | | | Grice. | 在 上班 | | | | |
| Key to Rating: | | | 24.27 | | | 1 | | Control of the contro |
| | ition with ordinary maintenance required | | - | | | | - | |
| 2 = Good condition with r | | | | | | | | |
| | pairs or replacement required | | | | | | | |
| I = Poor condition with re | | | | | | | | |
| | 1 | | | | | | | |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | | Other Code Issues | Rating | Comments |
|----------------------|-----------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|------------------|----------------------|----|----------------------|--------|-----------------------------------------------------|
| BUILDING EXTERIOR | | | | | | | | |
| Roof systems | Hot-applied flat roof | No active leaks reported, metal roof edge in good condition/ 1986 - 25 years | YES | NO | NO | NO | 2 | Roofing > 20 years may not meet current codes. |
| Exterior walls | Brick veneer w/ concrete window surrounds at upper level; painted CMU at lower level w/murals | Good/original. Minor cracks, spalling and staining at concrete, rusting lintels | NO | NO | NO | NO | 1 | Patch/repair/clean concrete |
| Windows/louvers | Steel-frame, single-pane glazing, metal louvers | Poor/original, inadequate amount of operable windows | YES | NO | NO | NO | 4 | Replace windows. |
| Doors/hardware | Metal/wire glass doors in metal frames | Good/original w/ glass replacement at necessary; hardware is non accessible. | NO | YES | NO | NO | 2 | Replace with accessible hardware & auto-open device |
| Exterior steps/ramps | Concrete landing at main entry; concrete and bituminous at rear entry | Good/age unknown at main entry; Poor, inaccessible at rear entry | NO | YES | NO | NO | 3 | Upgrade entry path to be accessible |
| Structural concerns | None. | | | | | | | |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------|--------|---------------|-------------|------------|--------|---------------------------------------------------------------------------------------------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| BUILDING INTERIOR | | | | | | | | |
| Partitions | Painted CMU, plaster, and gypsum wallboard (enclosing original operables), typical; exposed brick at building perimeter | Good/original. Door surrounds are not accessible. | NO | YES | NO | YES | 3 | Modify openings to comply with accessibility code. Note: secondary corridors too narrow, 3', do not meet code |
| Floors | VAT at corridors; carpet and VCT at classrooms, typical | Good/original VAT, age unknown for VCT and carpet | NO | NO | NO | NO | 2 | Replace carpet and VAT w/ VCT. |
| Ceilings | Tectum acoustic ceilings, typical; some painted plaster | Good/original | NO | NO | NO | NO | 2 | Replace damaged tiles. |
| Doors/borrowed lights | Wood solid core doors w/ painted wood frames. Shades added to borrowed lights for security. | Fair/original frames; good/newer doors | NO | NO | NO | NO | 2 | See "Partitions" for accessibility issue. |
| Hardware | | Good/newer hardware, does not meet accessibility code | NO | YES | NO | NO | 3 | Replace w/ accessible hardware & required locking sets. |
| Interior built-in furnishings | Wood storage closets, custodial sinks some with laminate counter/cabinet; painted wood closets at corridor | Poor/original and poor updates | NO | YES | NO | NO | 4 | Replace built-ins to include accessible hardware/sinks/fixtures. |
| Lockers/cubbies | Wood closets in corridor and classrooms; one location w/ coat hooks and one location w/ wood cubbies | Poor/original | NO | YES | NO | NO | 3 | Replace with metal double tier 15" x 30" or 12" x 60" if space allows. |
| Window treatments | Horizontal blinds, typical | Fair/age unknown | NO | NO | NO | NO | 3 | Replace/upgrade to provide consistent light control. |
| Toilet rooms | Adult: ceramic tile floor and wainscot tile at walls | Poor/original. Non accessible | NO | YES | NO | NO | 3 | Replace/upgrade toilet rooms |
| | Student: epoxy floor, vinyl walls, laminate partitions | Good/2006 upgrade, non accessible | NO | YES | NO | NO | 3 | Replace/upgrade toilet rooms |
| Stairs | Concrete w/ steel nosing; wood/metal hand & guardrails | Poor/original. Railings and stair nosing are non accessible. | NO | YES | NO | NO | 3 | Replace railings & stair nosing. |
| Elevator | None | | NO | YES | NO | NO | 4 | Install elevator |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Rating | Comments |
|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------|-----------------------|----------------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Signage | None | | NO | YES | NO | NO | 4 | Install AAB signage. |
| Gymnasium | Wood athletic floor and backstops | Fair/original; wood flooring is worn | NO | NO | NO | NO | 3 | Refinish floor |
| | Wood paneling and painted CMU above | Fair/original | NO | NO | NO | NO | 3 | |
| Assembly/Cafeteria/Music | VAT; painted CMU and wood paneling at walls | Fair/original; clerestory light blocked with metal panels | NO | NO | NO | NO | 3 | Replace VAT w/ VCT |
| Kitchen | Warming kitchen | Good/functional | NO | NO | NO | NO | 1 | |
| Code concerns | No elevator. Building and site are not accessible. Secondary corridors are too narrow (3') and do not meet code for educational use. All stairs are open from floor-to-floor, therefore no protected egress path. Basement art classroom, book room, and music space with no windows. Quantity and distribution of toilet facilities does not meet code. Open cubbies in corridor create a flammability risk. | | | | | | | |
| "2002" Modulars (2 classrooms) | · | Poor/arrived in 2002, were previously at a middle school and Carr, ~10 years old, therefore ~20 years old. Poor physical connection to school-leaks. | YES | YES | NO | NO | | Due to modular location the existing educational spaces are reduced in size and the windows look onto the modulars 4' away. No nearby toilet facilities. Modular spaces >20 years should be replaced. |
| "2007" Modular (1 space used as Library) | Wood vertical siding; carpet and 2x4 ACT | Good/ 2007 | NO | YES | NO | NO | | Due to modular location the existing educational spaces are reduced in size and the windows look onto the modulars 4' away. No nearby toilet facilities. |

| | 1 | I | T_ | T | | | | |
|-------------------------|-----------------------------------------------------------------------------|----------------------------------|------------------|----------------------|-----------------------|---------------------|--------|------------------------------------------------------|
| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code | Dating | Comments |
| | iviateriai | Condition/Age | 155065 | 155065 | 155065 | Issues | nating | Comments |
| BUILDING SYSTEMS | | | | | | | | |
| | | Fair - 46 years; 1 boiler- good/ | | | | Ventilation | | |
| Heating/ventilation/air | Hot water by gas, UV's in CR's. AC in | 2007; 1 boiler- poor/ 1970, | One boiler | | | issues (Art, | | AC in mod's & offices. One |
| conditioning | Office, mod's and a couple CR's. | emergency use only | inefficient | NO | NO | Music, etc.) | 3 | new boiler in '07. |
| | | | | | | Water | | |
| | | | | Yes. Toilets | | conservatio | | |
| | | | | redone in | | n, not | | |
| | | | | '06, reused | | enough | | Electric and gas domestic |
| Plumbing | Piping original, unknown | Fair - 46 years | NO | fixtures. | NO | fixtures | 3 | water heater's twinned. |
| | | | | | | | | |
| Fire Protection | None | | | | | | - | |
| | | | | | | Insufficient | | |
| Electrical Service | | | | | | working | | |
| Equipment | 800A. 3 phase, 4 wire, 120/208V | Fair - + 46 years | NO | NO | NO | clearances | 3-4 | Should be upgraded. |
| | Circuit breaker panelboards with | | | | | | | |
| Distribution System | conduit and wire feeders. | Fair - + 46 years | NO | NO | NO | NO | 3-4 | Should be upgraded. |
| | | , | | | | Insufficient | | |
| | | | | | | working | | |
| | | | | | | clearances; | | |
| | 30kW gas indoor generator in boiler | | | | | Not 2 hour | | |
| | room; serves corridor and stair | | l | | | fire rated | | |
| Emergency System | lighting and boilers. | Fair - + 46 years | NO | NO | NO | room. | 3-4 | |
| | Multi-zone: ADA compliant; corridor | | | | | | | |
| | smoke detectors and door holders; heat detectors in classrooms; master | | | | | Locations of | | Some pull stations should be |
| Fire Alarm System | box. | Good - 8 years | NO | NO | NO | some pull stations. | 2 | relocated. |
| The ruami Cyclom | | Good System | | 110 | | otations. | _ | Tolodatoa. |
| | | | | | | | | |
| Telephone System | Multiple outside lines. | Good - 8 years | NO | NO | NO | NO | 2 | New in 2003. |
| | | | | | | | | A delikio nel firstrure a negletalia |
| | | | | | | | | Additional fixtures needed in some areas. New energy |
| | | | | | | | | efficient lamps and electronic |
| Lighting System | Generally 2x4 recessed fluorescent | Good - + 25 years | NO | NO | NO | NO | 2-3 | ballasts by utility company. |
| | | | | | | | | |
| | | | | | | | | Additional receptacles/circuits |
| Receptacles | Generally standard duplex type. | Fair - 46 years | NO | NO | NO | NO | 3-4 | needed throughout facility. |
| | Keypads at specific doors; Motion | | | | | | | |
| Security System | detectors in corridors first floor and stairs; Notifies UL Central Station. | Fair - Mixed - 20 years | NO | NO | NO | NO | 3 | System will need upgrading. |
| Occurry Gystern | Stairs, Notines OF Central Station. | i ali - Iviixeu - 20 years | | | 110 | | | System will need upgraulig. |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | ١. | Other Code Issues | | Comments |
|---------------------------|-----------------------------------------------------------------------------|-----------------------|------------------|-------------------------|----|----------------------|-----|-------------------------|
| | | | | | | | | |
| Door Bell System | Push button at Gym entrance. | Fair | NO | NO | NO | NO | 3-4 | |
| County Intercome Creaters | Dial phone and speaker in classrooms and offices; ceiling | Cood 40 years | NO | NO | NO | NO | 0 | Cound quatern montable |
| Sound/Intercom System | speakers in corridors. | Good - 10 years | NO | NO | NO | NO | 2 | Sound system - portable |
| | Classroom and Office battery clocks. Corridor and classroom speaker with | - | | | | | | |
| Clock/Program Bell System | bell tones. | needed. | NO | NO | NO | NO | 2 | |
| Information Technology | Data in algorithms and office areas | Cood 40 to 40 years | NO | NO | NO | NO | 0 | Additional data outlets |
| System | Data in classrooms and office areas. | Good - 10 to 16 years | NO | NO | NO | NO | 2 | needed in classrooms. |
| | | | | | | | | |
| Cablevision System | Outlets in classrooms and Library. | Good - 15 years | | | | | - | |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|--------------------|-----------------------------------------------------------------------|--------------------------------------------------------------|--------|---------------|-------------|------------|--------|-------------------------------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| SITE FEATURES | | <u> </u> | | | | | | |
| OTTE TEXTIONES | Bituminous concrete at side of | | | | | | | |
| | building, parent drop-off at side as | | | | | | | |
| Parking | well | Good | NO | YES | NO | NO | 1 | |
| | | | | | | | | |
| Sidewalks/ramps | Pituminous concrete entrance noth | Fair, path too narrow and drop off at edge is access problem | NO | YES | NO | NO | 3 | Width and grading issue to be addressed |
| Sidewaiks/rairips | Bituminous concrete entrance path | leage is access problem | INO | 163 | INO | INO | 3 | addressed |
| | | | | | | | | No accessible entrance to |
| | Concrete side terrace - proposed | | | | | | | proposed student waiting |
| | student waiting area | Fair | NO | YES | NO | NO | 3 | terrace, pavement in disrepair |
| | Bituminous concrete paths to play | | | | | | | |
| | areas | Fair, not accessible (grade) | NO | YES | NO | NO | 3 | |
| | | , (6 | | | | | | |
| | Concrete sidewalk at rear | Fair, curb ramp in disrepair | NO | YES | NO | NO | 3 | |
| | Outroite sidewalk at real | i an, corb ramp in disrepair | 110 | 120 | 110 | | 0 | |
| | | | | | | | | |
| Fields | Turf/skinned base area | Fair/poor | NO | YES | NO | NO | 3 | Turf restoration/replacement |
| | | | | | | | | |
| | | | | | | | | |
| Plantings | Severe erosion of some turf areas | Fair | NO | NO | NO | NO | 3 | Replace eroded turf areas |
| | | | | YES - | | | | Repair/replace timber |
| | | L | | timber | | | | structure and surfacing, need |
| Play atrusturas | 2 separate: new (steel) and | Steel is very good condition, timber is | NO | structure | NO | NO | 2 | to cross parking to access |
| Play structures | community built (timber) | fair | NO | only | INO | NO | 2 | play area |
| | | | | | | | | |
| Courts | Bituminous concrete basketball | Good | NO | YES | NO | NO | 2 | Provide accessible route |
| | Described to the second | | | | | | | December O consequent design |
| | Benches located at play area, new benches at proposed student waiting | | | | | | | Benches @ proposed student waiting area are not |
| Benches/bike racks | | Good | NO | YES | NO | NO | 1 | accessible |
| | | | | | | | | |
| | Wire mesh, steel fencing at side | | | | | | | |
| Fencing | perimeter securing play areas | Good | NO | NO | NO | NO | 1 | |
| | | | | | | | | |
| 1.2.1.2 | | | | | | | | |
| Lighting | Parking area lighting | N/A | | | | | | |
| | | | | | | | | |
| | Building flood lights | Good/newer | NO | NO | NO | NO | 2 | |
| | | Unknown age or if they work | | | | | | |
| | Exterior door lights | | NO | NO | NO | NO | 4 | Replace lighting. |
| | | _ | | | | | | |

| Newton Schools Stud | dy - Facility Assessment | | | | | |
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| LINCOLN-ELIOT SC | HOOL | | | | | A VIII A |
| TOTT EARLE OTTLET | | | 4 | | | |
| BUILDING DATA: | | | | | | |
| | site area: | 4 acres | | | | THE ACCUMENT |
| | zoning district: | PUB | | | | |
| | building area: | 51,074 Gross Square Feet | | | | 1 / 3 3 3 |
| | number of floors: | 2/3 | | | | |
| | historical status: | None | A STATE OF THE STA | | | |
| | year built: | 1939 | | | THE RESERVE | |
| | additions/renovations/upgrades: | 1965, 1974 | 4 11 | | | |
| | assessment value: | n/a | | | | |
| | | | y Any | | | |
| | | | 1 | | H wall | |
| Key to Rating: | | | | | | |
| | tion with ordinary maintenance required | | 100 | | 1 | 10000 |
| 2 = Good condition with n | | | | The state of the s | ORIGINAL PROPERTY OF THE PROPERTY OF | The second second second second |
| | pairs or replacement required | | | | | |
| = Poor condition with re | eplacement required | | | | | |
| | | | | | | |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|----------------------|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|--------|---------------|-------------|------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| BUILDING EXTERIOR | | | | | | | | |
| Roof systems | Slate pitched roof w/ wood cupola | Good/original; gutters newer-good condition | YES | NO | NO | NO | 2 | Original roofing does not meet current energy codes. |
| | Hot-applied rubber flat roof | No active leaks reported, metal roof edge in good condition/ 26 years | YES | NO | NO | NO | 2 | Roofing >20 years old may not meet current codes. |
| Exterior walls | Load bearing masonry/concrete sills/stone detailing. | Good. Minor cracks and staining at masonry, rusting lintels/original | NO | NO | NO | NO | 1 | Repair and clean |
| | Brick veneer with concrete at floor elevations; slate sills at 1965; painted CMU wall at 1975 | Good/1965 and 1975 | NO | NO | NO | NO | 1 | |
| Windows/louvers | Aluminum w/ thermal break and thermal glazing, fixed & single-hung operable Steel-frame, single-pane glazing, | Good/1989 replacement at 1939 building; solid panels are rusted Poor/Original windows at 1965 building; Lexan replacement glazing | NO | NO | NO | NO | 1 | Repair/replace damaged or missing screens. Replace rusted panels. Note: difficult to operate, questionable quality. Poor style selection. Replace steel frame windows w/ alum thermal break and |
| | casement windows; metal louvers Aluminum w/ thermal break and thermal glazing: fixed, awning & casement operable windows | is aged and translucent. Good/1975; signs of leaks at clerestory windows | YES | | NO NO | NO NO | 2 | thermal glazing. Seal/ repair leaks. |
| Doors/hardware | Aluminum w/ pebble fiberglass panels | Fair to Good condition/ ages vary; hardware is non accessible; some frames are rusting and there is no weatherstripping. | YES | | NO | NO | | Replace with accessible hardware & auto-open device |
| Exterior steps/ramps | Granite/concrete steps and concrete ramp w/ painted steel pipe guardrails | Fair/original. Concrete w/ minor spalling and concrete that is deteriorating; railing supports are rusted. Guardrails are not code compliant | NO | YES | NO | NO | 3 | Replace guardrails and handrails. Repair concrete. |
| Structural concerns | None. | | | | | | | |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|-------------------------------|------------------------------------------------------------------|------------------------------------------------------------------------|--------|---------------|-------------|------------|--------|--------------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| BUILDING INTERIOR | | 3 | | | | | 3 | |
| DOILDING INTLITION | | | | | | | | |
| | Glazed CMU w/ painted plaster | | | | | | | |
| Portitions | above @ corridors; painted plaster | Good/original. ~30% of door | NO | YES | NO | NO | 3 | Modify openings to comply |
| Partitions | walls, typical 1939 building | surrounds are non accessible | NO | TES | INO | NO | 3 | with accessibility codes |
| | Painted CMU, painted gypsum wallboard w/ vinyl base, typical; | | | | | | | |
| | operable walls at classrooms in 1975 | Good/1965/75. Door surrounds are | | | | | | Modify openings to comply |
| | building | non accessible | NO | YES | NO | NO | 3 | with accessibility codes |
| | | | | | | | | |
| | | | | | | | | |
| - | | Fair/original; carpet is worn, stained | | luc. | | | | Replace carpet and VAT w/ |
| Floors | Carpet and VCT typical; VAT | with many areas of duct tape | NO | NO | NO | NO | 3 | VCT. |
| | | | | | | | | |
| | | Good at 2x2 and 2x4 conditions. 1x1 | | | | | | Replace damaged tiles. |
| Ceilings | 2x4 ACT, 2x2 ACT and 1x1 ACT | interlocked ACT in poor condition. | NO | NO | NO | NO | 3 | Replace 1x1 interlocked ACT. |
| | Wood solid core doors w/ wire glass | | | | | | | |
| | in painted metal frames. Shades | | | | | | | |
| | added at borrowed lights for | Good/original for 1965 and 1975; | | | | | | See "Partitions" for |
| Doors/borrowed lights | security. | Fair/original at 1939 | NO | NO | NO | NO | 2 | accessibility issue. |
| | | | | | | | | Replace w/ accessible |
| | | Good/original for 1965 and 1975; | | | | | | hardware & required locking |
| Hardware | | Fair/original at 1939 | NO | YES | NO | NO | 3 | sets. |
| | | | | | | | | Replace/repair as required, |
| | | Good/1975; Fair/1939; Poor/1965 - | | | | | | replacement to include |
| | | rusted metal cabinets; wood closets | | | | | | accessible |
| Interior built-in furnishings | Wood, metal, plastic laminate | are fair. | NO | YES | NO | NO | 2 | hardware/sinks/fixtures. |
| | | | | | | | | |
| | Wood, open cubbies in corridors; and | Good/age unknown; Fair/original in | | | | | | Replace with metal double |
| | coat hooks. Student storage closet | 1939 buildingsome unoperable or | | | | | | tier 15" x 30" or 12" x 60" if |
| Lockers/cubbies | in classrooms at 1939 building. | doors removed | NO | YES | NO | NO | 3 | space allows. |
| | | | | | | | | |
| Window trootes anta | Rolling shades, typ.; curtains at | Cood two Fair authors | NO | NO | NO | NO | | |
| Window treatments | clerestory windows in 1975 building | Good, typ. Fair, curtains. | NO | NO | NO | NO | 2 | |
| | Adult: glazed CMU, painted CMU, | | | | | | | |
| | ceramic tile, VCT; wood/metal | Poor/original 1939. Non accessible. | | /50 | | | | |
| Toilet rooms | partitions | Fair/1965 and 1975 | NO | YES | NO | NO | 3 | Replace/upgrade toilet rooms |
| | Children alamad CMALL resisted CMALL | Pain/a rimin al 1000 cattle ca accessor | | | | | | |
| | Student: glazed CMU, painted CMU & ceramic tile; epoxy flooring, | Fair/original 1939 with newer epoxy flooring, partitions, and toilets; | | | | | | |
| | laminate partitions | Non accessible. Fair/1965 and 1975 | NO | YES | NO | NO | 3 | Replace/upgrade toilet rooms |
| | | The december 1 any 1000 and 1070 | | 1 | • | - 10 | | 1.5 |

| | | | Energy | Accessibility | 1. | Other Code | | |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------|---------------|--------|------------|--------|-----------------------------------------------------------------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| Stairs | Terrazzo w/ steel nosing; wood/metal hand & guardrails | Good/original (1939). Railings and stair nosing are non accessible. | NO | YES | NO | NO | 2 | Replace railings & stair nosing. |
| | Concrete/metal pan construction; rubber treads, VCT landings; painted metal hand & guardrails | Good/1965 and 1975. Handrails does not meet code requirements. | NO | YES | NO | NO | 2 | Replace handrails. Note: door swings into the path of travel at 1965 stair. |
| Elevator | | Fair/1939 building; sized too small, worn. Good/1975 building; renovated in 2000 | NO | YES | NO | NO | 1/4 | Elevator at 1939 building does not meet code |
| Lifts | Two 1/2 flight lifts | Good/age unknown | NO | NO | NO | NO | 1 | |
| Signage | Paper or none | Poor | NO | YES | NO | NO | 4 | Install signage to meet AAB standards. |
| Gymnasium equipment | Wood athletic floor and wood backstops; painted CMU walls; 2x2 ceiling | Good/original 1975; wood flooring is rippling and may cause a tripping hazard. Missing ceiling tiles. | NO | NO | NO | NO | 2 | Repair/ replace wood flooring. Replace ceiling tiles. |
| Cafeteria | Wood floor w/ rubber tiles on top; painted CMU and painted wood boards at walls | Good/functional; minimal natural lighting. | NO | NO | NO | NO | 1 | |
| Kitchen | Warming kitchen | Good/functional | NO | NO | NO | NO | 1 | |
| | 1. Main entrance is not accessible. 2. Elevator is too small to meet AAB standards. 3. Door swings into the path of travel at 1965 stair. 4. No visual of front entry creates a security risk. 5. Open cubbies in corridor create a flammability risk. 5. Isolated Kindergarten classroom has poor indoor air quality, is inaccessible and the exterior door as second means of egress is sticks and is difficult to open. 6. Even with 2 elevators and 2 lifts, there are areas that are inaccessible (library, kindergarten, resource area, after school, and storage spaces). | | | | | | | |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------|----------------------------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | Material | Condition/Age | Issues | | Issues | | Rating | Comments |
| BUILDING SYSTEMS | | | | | | | | |
| Heating/ventilation/air conditioning | Steam by oil, original boilers, one new burner. | Fair to poor/original. Fair/ 2 boilers- 1965. Unit ventilator noise is a problem. Roof top unit in attic runs so loudly it cannot be operated during the school day. | Boiler inefficient | NO | NO | Units aren't run due to noise. Some classroom exhaust blocked. | 4 | System is past its useful life. Heat varies around the building and is unreliable. Boiler feed unit leaking badly. Needs more service, constant breakdowns and repairs. Constant thermostat recalibration. |
| Plumbing | Piping original, unknown, kitchen on ejector. | Original, fair to poor. | NO | No accessible fixtures noted. | NO | No domestic hot water through building. Point of use electric heaters at some lavs. A lot of DF's inoperable. | 4 | Nurse sink unusable, no hot water. |
| Fire Protection | None | | | | | | - | |
| Electrical Service Equipment | 800A. 3 phase, 4 wire, 120/208V | Fair - + <mark>50</mark> years | NO | NO | NO | NO | 3-4 | Should be upgraded. |
| Distribution System | Circuit breaker panelboards with conduit and wire feeders. | Fair - 50 years and newer | NO | NO | NO | NO | 3-4 | Should be upgraded. |
| Emergency System | Gas indoor generator in boiler room; serves corridor and stair lighting. | Fair - <mark>50</mark> years | NO | NO | NO | Insufficient working clearances; Not 2-hour fire rated room. | 3-4 | Generator should be replaced with Code compliant unit in 2-hour rated room. |
| Fire Alarm System | Multi-zone: not ADA compliant; classroom, Library, and corridor smoke detectors and door holders; master box. | Good - + <mark>30</mark> years. | NO | NO | NO | Mounting height and locations of some pull stations. | 2 | Signal needs to be ADA compliant; some pull stations should be relocated. |
| Telephone System | Multiple outside lines. | Being upgraded at this time, 2007. | NO | NO | NO | NO | | |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | 1. | Other Code Issues | Rating | Comments |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|------------------|----------------------|----|----------------------|--------|------------------------------------------------------------------------|
| Lighting System | Generally 2x2 and 2x4 recessed fluorescent and surface wrap arounds. | Good - + 25 years | NO | NO | NO | NO | 2-3 | New energy efficient lamps and electronic ballasts by utility company. |
| Receptacles | Generally standard duplex type. | Fair to Good - 50 years and newer. | NO | NO | NO | NO | 3 | Additional receptacles/ circuits should be added throughout. |
| Security System | Keypads at specific doors; Motion detectors in corridors and stairs; Monitor switches on most exterior doors; interior alarm; Notifies UL Central Station. | Fair - Mixed - 15 years | NO | NO | NO | NO | 3 | System will need upgrading. |
| Door Bell System | Push button at front entrance with buzzer in Admin. | Fair | NO | NO | NO | NO | 3-4 | |
| Sound/Intercom System | Being upgraded. | Being upgraded, 2007. | NO | NO | NO | NO | 1 | |
| Clock/Program Bell System | Classroom and Office battery clocks. Corridor and classroom speaker with bell tones. | Good - New clocks provided as needed. | NO | NO | NO | NO | 2 | |
| Information Technology System | Data in classrooms and office areas; Minimal wireless system. | Good - 10 years | NO | NO | NO | NO | 2 | |
| Cablevision System | Outlets in Admin Office, Library and most classrooms | Good - + 15 years | NO | NO | NO | NO | - | |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
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| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| SITE FEATURES | | | | | | | | |
| Parking | Bituminous concrete, granite & concrete curbs | Fair/poor | NO | NO | NO | NO | 3 | Replace/resurface - repair potholes |
| Tarking | Concrete curbs | 1 411/2001 | | INO | INO | INO | 3 | potrioles |
| | | | | | | | | |
| Sidewalks/ramps | Concrete perimeter walks | Good | NO | NO | NO | NO | 2 | |
| | Concrete/bituminous concrete front walks | Fair | NO | YES | NO | NO | 3 | Surface condition, some sections need to be replaced |
| | Concrete walk at granite stair to main entrance | Concrete at stair is in poor condition | NO | YES | NO | NO | 3 | Main entrance is not accessible |
| | | The state of the s | | 1.20 | | | | |
| | Path to play area from building | Fair/good | NO | YES | NO | NO | 2 | Not accessible from building |
| Fields | Turf - skinned base area, baseball & soccer | Fair | NO | NO | NO | NO | 3 | Turf restoration is needed |
| Plantings | Mature trees @ front & on slope by play area, turf | Plantings are in good or fair condition/turf on slope is in poor condition | NO | NO | NO | NO | 2 | Check trees on slope/ turf restoration on slope |
| Play structures | (2) steel - younger children's, steel swings | structures are in good condition, swings are in fair condition | NO | YES | NO | NO | 1 and 2 | Play structure is accessible, swings are not |
| Courts | Bituminous concrete paved area by play area, basketball | Paved play area is in fair condition, basketball is in good condition | NO | NO | NO | NO | 2 and 1 | |
| Benches/bike racks | Recycled composite benches by play area | Good | NO | YES | NO | NO | 1 | Not in accessible locations |
| Fencing | | Perimeter and play area - fair, basketball is good | NO | NO | NO | NO | 3 and 1 | Replace/repair framework and fabric |
| | | | | | | | | |
| Lighting | Parking area lighting | Flood light on utility poles - good | NO | NO | NO | NO | 1 | |
| | Building flood lights | Good/newer | NO | NO | NO | NO | 2 | |
| | Exterior door lights | Poor/age unknown | NO | NO | NO | NO | 4 | Replace lighting. |

| 10111011 00110013 011 | udy - Facility Assessment | | | |
|-------------------------|-------------------------------------|--------------------------|----------------------------|--|
| MASON-RICE SCH | IOOL | | | |
| 149 PLEASANT STREE | ET | | * * * * * * * * * * | |
| | | | | |
| | | | | |
| BUILDING DATA: | | | | |
| | site area: | 3.99 acres | | |
| | zoning district: | PUB | | |
| | building area: | 39,000 gross square feet | MASON-RICE | |
| | number of floors: | 2 | | |
| | historical status: | None | | |
| | year built: | 1959 | | |
| | additions/renovations/upgrad | les: | | |
| | assessment value: | n/a | | |
| | | | | |
| | | | | |
| Key to Rating: | | | | |
| | dition with ordinary maintenance re | equired | | |
| 2 = Good condition with | | | | |
| | epairs or replacement required | | | |
| 4 = Poor condition with | replacement required | | | |

| | Matarial | | Energy | Accessibility | | Other Code | Detine | Commonto |
|----------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|--------|---------------|--------|------------|----------------|---------------------------------------------------------------------------------------------------------------------------|
| BUILDING EXTERIOR | Material | Condition/Age | Issues | Issues | Issues | Issues | Raung | Comments |
| Roof systems | Sarnofil flat roof | No active leaks reported, metal roof edge in good condition/ 1987 - 24 years | YES | NO | NO | NO | 2 | Roofing >20 years old may not meet current codes |
| | Octagon shaped pitched roof | No active leaks reported, no snow guards, no gutters/ original | YES | NO | NO | NO | 3 | Roofing >20 years old may not meet current codes |
| Exterior walls | Load bearing masonry/concrete sills; concrete exposed foundation. | Good/original-masonry. Minor cracks in masonry; cracks and staining at sills. Fair/original-foundation. Rebar exposed, spalling and cracking. | NO | NO | NO | NO | 3 | Repair/patch and clean masonry and concrete. |
| Windows/louvers | Steel-frame, single-pane glazing storefront system with metal panels and casement operables; glazed block above wood-framed, single-pane glazing; metal louvers | Windows- good/ 2007; Louvers- poor/ original | NO | NO | NO | NO | 1 and 4 | Replace windows and louvers. |
| Doors/hardware | Aluminum w/ pebble fiberglass panels; one original metal door/ storefront; metal and wood frames | Good/2007; Poor/original door/storefront at front stair. Wood trim locations are in fair condition. | NO | NO | NO | NO | 1 and 3 | Replace doors, provide accessible hardware & autoopen device. Replace door/storefront. Scrape, fill, and paint wood trim. |
| Areaways | Concrete retaining walls with steel grates. | Good/original, minor rusting | NO | NO | NO | NO | 2 | |
| Exterior steps/ramps | Concrete stoops, steps and ramps w/painted steel pipe guardrails | Fair/ages unknown, railing supports are rusting. | NO | NO | NO | NO | 3 | Replace railings. |
| Canopy | Metal edge, painted wood and plaster soffits | Fair/ original | NO | NO | NO | NO | 3 | Scrape and paint. |
| Structural concerns | None. | | | | | | | |

| | | 0 1111 | Energy | Accessibility | | Other Code | | |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|--------|---------------|--------|------------|--------|-----------------------------------------------------------------------------------------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| BUILDING INTERIOR | | | | | | | | |
| Partitions | Glazed CMU w/ painted CMU above @ corridors; painted plaster walls, typical; painted CMU; wood paneling; exposed brick | Good/original. | NO | NO | NO | NO | 2 | Refinish wood paneling or replace. |
| Floors | Carpet, VCT, VAT, and Rubber | Good/age unknown-VCT; Fair/ages unknown-other | NO | NO | NO | NO | 3 | Replace carpet and VAT w/ VCT. Provide transition strips were needed to prevent tripping hazard. |
| Ceilings | 2x4 ACT, 2x2 ACT, 1x1 ACT, painted plaster, acoustic panels. | Good/newer; Fair/original | NO | NO | NO | NO | 3 | Replace damaged tiles. |
| Doors/borrowed lights | Wood solid core doors w/ metal and wood frames. Shades added to borrowed lights for security. | Poor/original | NO | NO | NO | NO | 4 | Replace doors/frames |
| Hardware | | Fair/original | NO | YES | NO | NO | 3 | Replace w/ accessible hardware & required locking sets. |
| Interior built-in furnishings | Wood, metal, laminate | Poor/original | NO | YES | NO | NO | 4 | Replace casework to include accessible hardware/sinks/fixtures. |
| Lockers/cubbies | Open, wood cubbies | Good/original | NO | NO | NO | NO | 2 | Replace with metal double tier 15" x 30" or 12" x 60" if space allows. |
| Window treatments | Horizontal blinds | Fair/age unknown | NO | NO | NO | NO | 3 | Replace/upgrade to provide consistent light control. |
| Toilet rooms | Adult: CMU, ceramic tile, VCT; wood/metal partitions | Poor/original. Non accessible | NO | YES | NO | NO | 4 | Replace/upgrade toilet rooms |
| | Student: glazed CMU & ceramic tile; laminate partitions; epoxy flooring | Good/2010 -new toilets, urinals, partitions; Entries not accessible | NO | YES | NO | NO | 2 | Replace/upgrade toilet rooms |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
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| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| Stairs | Concrete w/ steel and rubber nosing; rubber treads on 2; wood/metal hand & guardrails | Good/original. Railings and stair nosing are non accessible. Horizontal guardrail creates safety concern. | NO | YES | NO | YES | 2 | Upgrade railings and add guard rails, infill to reduce size of large openings. |
| Lift | | Good/2006 | NO | YES | NO | NO | 1 | Not all areas are accessible (after school, special ed. spaces, and teacher's room) |
| Signage | Various | Poor/ages unknown | NO | YES | NO | NO | 4 | Install signage and include braille |
| Gymnasium equipment | Wood athletic floor and backstops | Good/original | NO | NO | NO | NO | 2 | Refinish/upgrade |
| | Wood paneling, painted CMU, tectum panel ceiling | Good/original; Fair/original-wood paneling | NO | NO | NO | NO | 3 | Refinish/replace paneling |
| Auditorium | Painted concrete floor | Poor/original. Slope of floor is not accessible | NO | YES | NO | NO | 4 | Paint floor |
| | Painted CMU walls; exposed deck w/ floating ceiling of 1x1 ACT | Fair/original-walls, large crack at back wall; Good/age unknown-ceiling | NO | NO | NO | NO | 3 | |
| | Wood platform/steps | Poor/original. Platform is not accessible from the auditorium. | NO | YES | NO | NO | 4 | Refinish/ replace wood floor. Provide accessible route from auditorium. |
| | Wood/metal seats, 285 seats; fabric curtains | Good/original-seating; Good/new- curtain | NO | YES | NO | NO | 2 | Provide accessible seating. |
| Kitchen | Warming kitchen | Good/functional | NO | NO | NO | NO | 2 | Abate deteriorating VAT, replace VAT with VCT |
| 1. After school, special education spaces and teacher's room are not accessible. 2. All door hardware is non accessible. 3. Open cubbies in corridor create a flammability risk. 4. Platform is used as the Music classroom and has poor ventilation/ air quality and lighting. Code concerns 5. Horizontal stair guardrails create safety concerns. | | | | | | | | |
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|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|-----------------------|-------------------------|----|-----------------------------------------------------------------------------|--------|-----------------------------------------------------------------------------|
| | Material | Condition/Age | Energy Issues | Accessibility Issues | 1. | Other Code Issues | Rating | Comments |
| BUILDING SYSTEMS | | | | | | | | |
| Heating/ventilation/air conditioning | Hot water by oil, UV's in CR's. AC Offices and Library. | Poor - original | Boiler inefficient | NO | NO | NO | 3 | Heat variations around building. |
| Plumbing | Piping original, unknown - old valves don't hold. | Poor - original | NO | Marginal accessibility | | Fixtures not water conserving | 3 | Some pipe system leaks. |
| Fire Protection | None | | | | | | - | |
| Electrical Service Equipment | Utility company transformer vault within building; 800A. 3 phase, 4 wire, 120/208V | Fair to Poor - original | NO | NO | | Insufficient working clearances | 3-4 | Should be upgraded. |
| Distribution System | Circuit breaker panelboards with conduit and wire feeders. | Fair to Poor - original | NO | NO | NO | NO | 3-4 | Should be upgraded. |
| Emergency System | 50kW gas indoor generator in boiler room; serves corridor and stair lighting and boilers. | Fair to Poor - original; operation questionable | NO | NO | | Insufficient working clearances; Not 2 hour fire rated room. | 3-4 | Generator should be replaced with Code compliant unit in 2-hour rated room. |
| Fire Alarm System | Multi-zone: not ADA compliant; Library, Gym, and corridor smoke detectors and door holders; exterior pedestal master box. | Good - + 30 years | NO | NO | | Mounting height and locations of some pull stations. | 2 | All signals need to be ADA; Some pull stations should be relocated. |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Rating | Comments |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------|------------------|----------------------|-----------------------|----------------------|--------|------------------------------------------------------------------------------------------------------------------|
| Telephone System | Multiple outside lines. | Good - 10 years | NO | NO | NO | NO | 2 | New in 2001. Add Dial phone to all classrooms. |
| Lighting System | Generally 2x4 recessed fluorescent | Good - + 25 years | NO | NO | NO | NO | 2-3 | Additional fixtures needed in some areas. New energy efficient lamps and electronic ballasts by utility company. |
| Receptacles | Generally standard duplex type. | Fair to Good - original and much newer; recently upgraded with Plugmold. | NO | NO | NO | NO | 3-4 | Additional receptacles/ circuits shall be added throughout. |
| Security System | Keypads at specific doors; Motion detectors in corridors; Monitor switches on exterior doors; Notifies UL Central Station. | Fair - Mixed - <mark>15</mark> years | NO | NO | NO | NO | 3 | System will need upgrading. |
| Door Bell System | Push button at rear and front entrance; Bell in Admin. | Fair | NO | NO | NO | NO | 3-4 | |
| Sound/Intercom System | classrooms and offices; ceiling speakers in corridors; Independent system in Auditorium. | Good - 10 years | NO | NO | NO | NO | 2 | |
| Clock/Program Bell System | Classroom and Office battery clocks. Corridor and classroom speaker with bell tones. | Good - New clocks provided as needed. | NO | NO | NO | NO | 2 | |
| Information Technology System | Data in most classrooms and office areas; Minimal wireless system. | Good - 10 years | NO | NO | NO | NO | 2 | Additional data outlets needed in all classrooms. |
| Cablevision System | Outlets in classroom #10, Library, Main Office and Principle's Office. | Good - 15 years | | | | | - | |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|--------------------|----------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|--------|---------------|-------------|------------|------------|---------------------------------------------------------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| SITE FEATURES | | | | | | | | |
| Parking | Bituminous concrete and concrete curbs - side of building | Poor | NO | NO | NO | NO | 4 | Significant cracking - resurface or replace |
| Sidewalks/ramps | Concrete walk from parking to main entrance | Fair | NO | YES | NO | NO | 3 | Path is too steep for accessibility |
| | Concrete walks in front | New areas - good, others - fair | NO | NO | NO | NO | 1 and 2 | |
| | Walk from blue curb to front - concrete | Fair | NO | YES | NO | NO | 3 | No crosswalk marked, indirect crossing to other side |
| | Bituminous concrete walks around building | Fair | NO | YES | NO | NO | 3 | Some crosspitches on walks are too steep |
| Fields | Turf - soccer | Fair/poor | NO | NO | NO | NO | 3 | Turf eroded on hillside - turf restoration needed |
| Plantings | Mature plantings and turf, garden at side of school | Turf between parking and front - poor, plantings - fair/good, garden - good | NO | YES | NO | NO | 2 and 3 | Garden not accessible, turf restoration |
| Play structures | K-2 and swings - steel/plastic with polyurethane tile surfacing, 5-12 timber, wood fibre surfacing | Fair | NO | YES | NO | NO | 3 | Tile surfacing is accessible, structure is accessible by ramp but no loop |
| Courts | Bituminous concrete basketball, sand volleyball | Fair | NO | YES | NO | NO | 3 | No accessible path connection |
| Benches/bike racks | Recycled slats and steel benches, bike racks by courts, steel picnic table | Benches/picnic - good, bike rack fair/poor | NO | NO | NO | NO | 1 and 3 | Replace bike rack |
| Fencing | CLF at perimeter by play area -fair | Fair | NO | NO | NO | NO | 3 | Repair/replace |
| Lighting | Parking area lighting | None | | | | | | |
| | Building flood lights | Good/newer | NO | NO | NO | NO | 2 | |
| | Exterior door lights | Poor/original. Rusted, most likely do not work. Good/newer at main entry | NO | NO | NO | NO | 4 | Replace lighting. |

| lowton Schools Study | - Facility Assessment | | | | | | | |
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| Newton Schools Study | - Facility Assessment | | | | | | | |
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| MEMORIAL-SPAULDII | NG SCHOOL | | | | | | | V V |
| 250 BROOKLINE STREET | | | | | | | | |
| | | | | | | | | |
| DI III DINO DATA | | | | | | | 1/4 | |
| BUILDING DATA: | | | | William IF Car | | | | |
| | site area: | 5.59 acres | 15 | | | | | |
| | zoning district: | PUB | | | | | | |
| | building area: | 68,775 gross square feet | THE REAL PROPERTY. | | - NO. | | | |
| | number of floors: | 2 | FELLE | The state of the s | | | | |
| | historical status: | None | | | | | | |
| | year built: | 1954 | | | | | | |
| | additions/renovations/upgrades: | 1959, 2002 | | | | | | |
| | assessment value: | n/a | The second of the second | | | 4 | - Janes | |
| | | | | | | | | |
| | | | | | | | | |
| Key to Rating: | | | | | | | | |
| | n with ordinary maintenance required | | | | | | | |
| 2 = Good condition with min | | | | | | | | |
| 3 = Fair condition with repai | · · · · · · · · · · · · · · · · · · · | | | | | | | |
| 4 = Poor condition with repla | acement required | | | | | | | |
| | | | | | | | | |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Rating | Comments |
|----------------------|----------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------|-----------------------|----------------------|---------|--------------------------------------------------------------------------------|
| BUILDING EXTERIOR | | onanion, igo | 1.000.00 | 1.000.00 | 1000.00 | | | |
| Roof systems | Hot-applied rubber and EPDM flat roofs; overhang w/ painted metal soffit | No active leaks reported, good/2002; metal roof edge in good condition, paint peeling at original | NO | NO | NO | NO | 2 | Roofing >20 years old may not meet current codes. Scrape and paint soffit. |
| Exterior walls | Brick veneer | Good/original | NO | NO | NO | NO | 1 | |
| | Brick veneer/metal panel at upper walls/exposed concrete foundation | Good/2002-brick; dinged metal panels; spalling concrete; poor connection from brick to concrete; exposed concrete foundation at 2002 addition is crumbling. | NO | NO | NO | NO | 2 | Repair concrete. |
| Windows/louvers | Aluminum w/ thermal break and thermal glazing, fixed & awning. Metal, single-pane storefront | Good/2002; Poor/original storefront | YES | NO | NO | NO | 2 | Replace storefront location. |
| Doors/hardware | Metal, aluminum, aluminum w/ pebble fiberglass panels, steel frames | Good/~2002, Fair/original. Older frames are rusting. 25% hardware is non accessible. | YES | YES | NO | NO | 3 | |
| Areaway | At grade with metal grate | Fair/original. Grate is rusted but appears structurally sound | NO | NO | NO | NO | 3 | Replace grate. |
| Exterior steps/ramps | Granite and concrete stoops/steps; concrete ramp with painted metal pipe guardrail | Good/original and ages unknown; Fair at 2002 addition - crumbling concrete treads, water damage at concrete unit wall. | NO | NO | NO | NO | 1 and 3 | Repair or replace stair tread nosing. |
| Canopies | Metal edge, flat roof, painted metal soffit | Good/original with updates, damaged metal edge at side entry; peeling soffit at North door to middle CR wing. | | NO | NO | NO | 2 | Repair metal edge, scrape and paint soffit. Remove bird's nest at front entry. |
| Structural concerns | Floor/slab settlement in Music Room | m, ~4" drop at the new addition. Repai l | r in process | 2011. | | | | |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|-------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|----------|---------------|-------------|------------|--------|---------------------------------------------------------------------------------|
| | Material | Condition/Age | Issues | Issues | | | Rating | Comments |
| BUILDING INTERIOR | | | | | | | | |
| Partitions | Glazed CMU w/ painted plaster above @ corridors; painted plaster walls, typical; 1x1 ACT at upper walls; painted brick | Good/original. Door surrounds are non accessible | NO | YES | NO | NO | 3 | Modify openings to comply with accessibility codes |
| | Painted gypsum wallboard w/ vinyl base, wood chair rail @corridors, typical | Good/2002. | NO | NO | NO | NO | 1 | |
| Floors | Carpet, VAT, VCT, terrazzo, epoxy floors at Toilet rooms | Poor/original; Good/2002 | NO | NO | NO | NO | 4 | Replace carpet and VAT w/VCT. |
| Ceilings | Painted plaster, 1x1 ACT, 2x4 ACT and 2x2 ACT | Fair/original; Good/2002 | NO | NO | NO | NO | 2 | Replace damaged tiles. |
| Doors/borrowed lights | Wood doors w/ painted metal frames | Good/2002 and painted original frames; shades added at borrowed lights for security. | NO | NO | NO | NO | 2 | See "Partitions" for accessibility issue. |
| Hardware | | Good/2002; Fair/original | NO | YES | NO | NO | 2 | Provide upgraded hardware for all doors |
| Interior built-in furnishings | Wood, metal, laminate, ceramic tile | Fair/original; Good/2002-minimal quantity | NO | NO | NO | NO | 2 | Replace as required, replacement to include accessible hardware/sinks/fixtures. |
| Lockers/cubbies | Metal, single-tier, 15" x 60" for 2 students | Good/2002 - rusting at bottom shelf; Fair/originalrusting. Sized too small for shared use, non accessible | | | | NO | 3 | Replace with metal double tier 15" x 30" or 12" x 60" if space allows. |
| Window treatments | Rolling shades, typical | Good/2002 | NO | NO | NO | NO | 1 | |
| Toilet rooms | Glazed CMU, ceramic tile/VCT; wood/metal partitions; painted plaster ceiling Ceramic tile floor and walls; coffered concrete structure ceiling/ACT; metal partitions | | NO NO | | | NO NO | 4 | Replace/upgrade toilet rooms |
| Stairs | Painted concrete w/ steel nosing; wood/metal hand & guardrails; | Good/original. Railings and stair | NO | | | NO | 2 | Replace railings & stair nosing. |

| | | | Energy | Accessibility | , | Other Code | | |
|---------------|----------------------------------------|------------------------------------|--------|---------------|--------|------------|--------|-------------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| | Painted concrete/metal pan | | | | | | | |
| | construction; painted metal hand & | 0 1/0004 | NO | NO | NO | NO | _ | |
| | guardrails | Good/2001 | NO | NO | NO | NO | 1 | |
| | | Good/2001; roof/shaft leaks to the | | | | | | |
| | | extent of flooding lower level | | | | | | Find source of leak and |
| Elevator | | corridor; drywall damage | NO | NO | NO | NO | 2 | repair. |
| Lievatoi | | comdor, drywan damage | INO | 110 | INO | INO | | repair. |
| | | | | | | | | |
| | | Good/2001; Fair/all other, non | | | | l | _ | Provide signage for all rooms |
| Signage | Plastic plaques | accessible | NO | YES | NO | NO | 2 | to meet code |
| | | | | | | | | |
| Cymposium | Mood athlatic floor and backstone | Cood/original | NO | NO | NO | NO | _ | |
| Gymnasium | Wood athletic floor and backstops | Good/original | INO | NO | INO | NO | 2 | Scrape and paint steel |
| | | Good/original; rusting at beams; | | | | | | beams. Replace damaged |
| | Painted CMU walls; 1x1 ACT | stained ACT | NO | NO | NO | NO | 2 | ACT. |
| | Tainted ONO Walls, 1x1 AO1 | Stailled ACT | 110 | 110 | INO | 110 | | ACT: |
| | | | | | | | | |
| Auditorium | Painted concrete/carpet at the aisles | Good/original. | NO | YES | NO | NO | 2 | |
| | Painted plaster walls with wood | | | | | | | |
| | paneling wainscot; 1x1 ACT | Good/original. | NO | NO | NO | NO | 2 | |
| | parieting waitiscot, 1x1 7x51 | Poor/original. Lift provides | 140 | 110 | 110 | 110 | _ | |
| | Wood platform and steps; painted | accessibility to platform from | | | | | | |
| | brick walls; fabric curtains; lift | auditorium | NO | NO | NO | NO | 3 | |
| | | | | | | | | |
| | | | | | | | | |
| | Wood seats, 210 seats | Good/original | NO | YES | NO | NO | 2 | Provide accessible seating. |
| | | | | | | | | |
| 120 | | | NO | NO | NO | NO. | | |
| Kitchen | Warming kitchen | Good/functional | NO | NO | NO | NO | 1 | |
| | 1. Floor/slab settlement in Music Roor | n, ~4" drop at the new addition. | | • | | | | |
| | 2. Basement programmed spaces wit | h no windows. | | | | | | |
| | 3. Flooding at basement level creates | a health risk. | | | | | | |
| Code concerns | 4. No visual of front entry creates a | security risk. | | | | 1 | | |
| | | | | | | | | |
| | | | | | | | | |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Pating | Comments |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------|-----------------------|-------------------------------------------------------|-----------------------|----------------------------------------------------------------------------|---------|--------------------------------------------------------------------------------------------------------------------------------|
| BUILDING SYSTEMS | Material | Condition/Age | 133063 | 133063 | 193063 | 133003 | riating | Comments |
| Heating/ventilation/air conditioning | Steam by oil, hot water for '02 and addition. AC for main office and Teacher's Room. | Fair/original; 1 new boiler in 2007, 1 original boiler for emergency only | Boiler inefficient | NO | NO | NO | 3 | One new boiler being- installed. Heating inconsistent through building, hot/cold. Thermostat recalibration helped. |
| Plumbing | Piping original, unknown | Fair/original | NO | Marginal accessibility, no Faculty handicap. | | Some fixtures don't get hot water. | | Storm water issue in elevator pit. |
| Fire Protection | Sprinkler system | Good/2002 | NO | NO | NO | NO | 1 | Dry systems assumed to serve crawl spaces. No standpipes. A&E Uses not separated. |
| Electrical Service Equipment | 600A. 3 phase, 4 wire, 120/208V | Fair - original | NO | NO | NO | Insufficient working clearances | 3 | Should be upgraded. |
| Distribution System | Circuit breaker panelboards with conduit and wire feeders. | Fair - original | NO | NO | NO | NO | 3 | Should be upgraded. |
| Emergency System | 100kW diesel exterior generator serves corridor and stair lighting and boilers. (Probably most of facility.) | Good - 10 to 15 years | NO | NO | NO | No 2-hour fire rated room for life safety system equipment. | 2-3 | |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|----------------------------------|--------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|--------|---------------|-------------|------------------------------------------------------|--------|--------------------------------------------------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| Fire Alarm System | Multi-zone: ADA compliant; Library and corridor smoke detectors and door holders; exterior master box. | Good - 10 years | NO | NO | NO | Mounting height and locations of some pull stations. | 2 | Some pull stations should be relocated. |
| Telephone System | Multiple outside lines. | Good - 10 years | NO | NO | NO | NO | 2 | |
| Lighting System | Generally 2x2 and 2x4 recessed fluorescent; surface wrap around in corridors. | Good - 10 years | NO | NO | NO | NO | 3 | Energy efficient lamps and electronic ballasts by utility company. |
| Receptacles | Generally standard duplex type. | Fair - original in existing Wing. Good - 10 years in Addition. | NO | NO | NO | NO | 3-4 | Additional receptacles/circuits needed throughout existing wing. |
| Security System | Keypads at specific doors; Motion detectors in corridors and stairs; Notifies UL Central Station. | Fair - Mixed - 10 to 25 years | NO | NO | NO | NO | 3 | System will need upgrading. |
| Door Bell System | Push button at front door. Buzzer in Lobby. | Fair | NO | NO | NO | NO | 3-4 | |
| Sound/Intercom System | Surface speakers and dial phones in classrooms; Not heard well in corridors, toilets, and exterior. | Good - 10 years | NO | NO | NO | NO | 2-3 | Need corridor, toilet and exterior speakers. |
| Clock/Program Bell System | Classroom and Office battery clocks. No bell tones in corridors or exterior. | Good - New clocks provided as needed. | NO | NO | NO | NO | 2 | Need bell tones in corridors and exterior. |
| Information Technology System | Data in classrooms and office areas. Wireless in Library and Principle Office. | Good - 15 years | NO | NO | NO | NO | 2 | Additional data outlets needed in classrooms . |
| Cablevision System | Possible service. No system outlets. | | | | | | - | Service should be provided. |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|--------------------|-------------------------------------------------------------------------|----------------------------------------------------------|--------|---------------|-------------|------------|------------|--------------------------------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| SITE FEATURES | | | | | | | | |
| Parking | Bituminous concrete at side of school | Fair | NO | YES | NO | NO | 3 | Settlement @ curbramp is access issue, resurface |
| | | | | | | | | |
| Sidewalks/ramps | Concrete sidewalks - sides of drive | Poor | NO | YES | NO | NO | 4 | Poor surface condition/replace |
| Sidewaiks/railips | Concrete sidewarks - sides of drive | | INO | TES | INO | NO | 4 | сопашоп/теріасе |
| | Bituminous concrete @ front | Fair | NO | NO | NO | NO | 3 | |
| | Bituminous concrete courtyard | Fair | NO | NO | NO | NO | 3 | Resurface |
| Fields | Turf and skinned baseline - baseball, soccer | Fair/poor | NO | YES | NO | NO | 3 | No access path to field |
| Plantings | Mature plantings at school front, turf, garden @ courtyard | Plantings - fair/good, turf - fair/poor | NO | NO | NO | NO | 2 and 3 | Turf restoration |
| Play structures | (2) 5-12 timber/steel and K-2 timber/steel, swings | Good | NO | YES | NO | NO | 2 | Wood fibre surfacing, no accessible path to area |
| Courts | Bituminous concrete paved play area | Good | NO | YES | NO | NO | 2 | No accessible route |
| Benches/bike racks | Wood/steel benches at front, wood picnic table | Good | NO | YES | NO | NO | 2 | Picnic table not accessible |
| Fencing | Wood rail fence at entrance, CLF at upper level of play area, perimeter | Wood rail fence - good, other fencing varies - fair/poor | NO | NO | NO | NO | 3 | Repair /replace sections along street |
| L'alara | De d'accesse l'aler | News | | | | | | |
| Lighting | Parking area lighting | None | | | | | | |
| | Building flood lights | Poor/age unknown | NO | NO | NO | NO | 4 | Replace lighting. |
| | Exterior door lights | Fair/unknown- lights at canopies | NO | NO | NO | NO | 3 | Replace lighting. |

| Newton Schools Study | - Facility Assessment | | | | | |
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| PEIRCE SCHOOL | | | | 1 | | |
| 170 TEMPLE STREET | | | | £ | | |
| | | | | | 72 | |
| BUILDING DATA: | | | | | PEID | A NAME OF THE PARTY OF THE PART |
| | site area: | 3.68 acres | | | I EIRCE | SCHOOL SCHOOL |
| | zoning district: | PUB | | | | |
| | building area: | 36,110 gross square feet | | | | |
| | number of floors: | 2 | | * | | |
| | historical status: | None | | | | |
| | year built: | 1951 | | | | |
| | additions/renovations/upgrades: | 1955, 2007-modulars | | | Will State of | |
| | assessment value: | n/a | | 1 | N. | |
| | | | | | | |
| Key to Rating: | | | | | - | |
| 1 = New or in good condition | n with ordinary maintenance required | | Contraction of the Contraction o | | | |
| 2 = Good condition with min | | | | | | |
| 3 = Fair condition with repai | rs or replacement required | | | | | |
| 4 = Poor condition with repla | acement required | | | | | |
| | | | | | | |

| | | | Грани | A a a a a cibility | Life Cefety | Othor Code | | |
|-----------------------------------------|-------------------------------------------------------------------------|---------------------------------------|------------------|----------------------|-------------|----------------------|---------|-----------------------------------------------------|
| | Material | Condition/Age | Energy Issues | Accessibility Issues | | Other Code Issues | Rating | Comments |
| | Material | Ochdition/Age | 133063 | 133063 | 133063 | 133063 | rtating | Comments |
| BUILDING EXTERIOR | | | | | | | | |
| | | | | | | | | |
| | | No active roof leaks reported/ 2003 - | | | | | | |
| Roof systems | Cold-applied flat roof | 8 years | NO | NO | NO | NO | 1 | |
| | | Good/original. Damage at | | | | | | |
| | | sills/surrounds, broken/crumbling, | | | | | | Repair/replace |
| | Brick veneer/masonry backup, | staining. Rusted lintels. Water | | | | | | sills/surrounds. Clean and |
| | concrete surrounds at windows and | damage at high wall of gym- | | | | | _ | repoint. Investigate cause of |
| Exterior walls | limestone sills. | reported. | NO | NO | NO | NO | 2 | water damage. |
| | | | | | | | | |
| | Aluminum w/ thermal break and | | | | | | | |
| | thermal glazing, fixed & hopper | | | | | | | |
| Windows/louvers | operables; metal louvers | Good/2006; Poor/original-louvers | NO | NO | NO | NO | 1 | |
| | | | | | | | | Replace with accessible |
| | Aluminum w/ pebble fiberglass | | | | | | | hardware & auto-open |
| Doors/hardware | panels; a few metal. | Good/2006; Poor/original | YES | YES | NO | NO | 1 | device. |
| | | | | | | | | |
| | | | | | | | | Carana and naint Danlage |
| | Concrete retaining walls with steel | Fair/original. Grates are rusted and | | | | | | Scrape and paint. Replace damaged/bent steel grate. |
| Areaways | grates, | bent. | NO | NO | NO | NO | 3 | Clear out areaway. |
| , carray c | 9.4.00, | | | | | | | orda. dat a. damay. |
| | | | | | | | | |
| | Slate steps/landing at main entry. | Good/originalsome slates are | | | | | | |
| Exterior steps/ramps | Concrete steps and ramp w/ painted steel pipe guardrails at rear entry. | cracked. Good/unknown age at | NO | YES | NO | NO | 2 | |
| Exterior steps/ramps | steet pipe guarurans at rear entry. | ramp. | INO | 160 | INO | INO | | |
| | | | | | | | | |
| Structural concerns | None. | | | | | | | |
| 2.5.5.5.5.5.5.5.5.5.5.5.5.5.5.5.5.5.5.5 | | | | | | | | |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------|--------|---------------|-------------|------------|---------|------------------------------------------------------------------------------|
| | Material | Condition/Age | Issues | 1. | Issues | Issues | Rating | Comments |
| BUILDING INTERIOR | | | | | | | | |
| Partitions | Glazed CMU w/ painted brick above @ corridors; painted plaster walls, typical, with 1x1 peg board at upper walls of classrooms. Painted gypsum walls at addition, typical. | Good/original. Door surrounds are non accessible | NO | YES | NO | NO | 2 | Enlarge classroom openings to comply with accessibility codes |
| Floors | VCT, typical. Terrazzo at entry. Minimal carpet and VAT. | VCT Good/ ~6 years and less | NO | NO | NO | NO | 2 | Replace carpet and VAT w/ VCT. Replace Library carpet with new carpet. |
| Ceilings | 2x2 ACT, typical; minimal 1x1 ACT and painted plaster | Fair/original 1x1; Good/at newer 2x2 | NO | NO | NO | NO | 2 | Replace 1x1 ACT |
| Doors/borrowed lights | Wood solid core doors w/ painted metal frames (wood frames at corridor doors) | Good/original | NO | NO | NO | NO | 2 | See "Partitions" for accessibility issue. |
| Hardware | | Fair/original | NO | YES | NO | NO | 3 | Replace w/ accessible hardware & required locking sets. |
| Interior built-in furnishings | Wood, metal, laminate | Poor/original | NO | YES | NO | NO | 4 | Replace to include accessible hardware/sinks/fixtures. |
| Lockers/cubbies | Metal, single-tier, 15" x 60" for 2 students | Poor/originalrusting. Sized too small for shared use, non accessible hardware | NO | YES | NO | NO | 4 | Replace with metal double tier 15" x 30" or 12" x 60" if space allows. |
| Window treatments | Rolldown shades, typical | Good/age unknown | NO | NO | NO | NO | 1 | |
| Toilet rooms | Adult: CMU, plaster walls, ceramic tile, VCT; wood/metal partitions | Poor/original. 2 rooms updated with flooring and fixtures. Non accessible | NO | YES | NO | NO | 2 and 4 | Replace/upgrade toilet rooms |
| | Student: glazed CMU & ceramic tile; laminate partitions | Good/2010 updates to flooring, partitions, and fixtures. Non accessible | NO | YES | NO | NO | 2 | Replace partitions. Provide accessible fixtures. |
| Stairs | Concrete/metal pan w/ steel nosing; wood/metal hand & guardrails | Good/original. Railings and stair nosing are non accessible. | NO | YES | NO | NO | 2 | Replace railings & stair nosing. |
| Elevator | None | | NO | YES | NO | NO | 4 | Install elevator |
| Signage | None | | NO | YES | NO | NO | 4 | Install AAB signage. |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Rating | Comments |
|-----------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------|------------------|-------------------------|-----------------------|----------------------|--------|---------------------------------------------------------|
| Gymnasium equipment | Wood athletic floor; and backstops | Good/original | NO | NO | NO | NO | 2 | |
| | Glazed brick lower and painted brick upper; exposed acoustic deck | Good/original-walls; Fair/original-acoustic deck, aged, stained | NO | NO | NO | NO | 2 | |
| Auditorium/Music | Colored concrete floor; wood paneling; 2x2 ceiling | Good/original. Cracks in concrete. Slope is not accessible. | NO | YES | NO | NO | 2 | |
| | Wood platform; fabric curtain | Fair/original. Platform is not accessible from the auditorium. Good/newer curtain | NO | YES | NO | NO | 2 | Provide ramp for accessibility. Refinish wood platform. |
| | Wood seats; 200 seats | Good/original. No designated, accessible seating. | NO | YES | NO | NO | 2 | Provide accessible seating. |
| Kitchen | Warming kitchen | Good/functional | NO | NO | NO | NO | 1 | Note: difficult circulation from basement level |
| Code concerns | No elevator. Basement cafeteria and after school Quantity and distribution of toilet face | | | _1 | | | | |
| "2007" Modular Addition includes 2 classrooms | Wood vertical siding; pre-fab metal walls, ACT and carpet | Good/ 4 years; roof leaks, ripped window screen | NO | NO | NO | NO | 2 | Repair roof leaks and window screen. |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-----------------------|------------------------|-------------|------------------------------------------------------------------------------------------------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | | Rating | Comments |
| BUILDING SYSTEMS | | | | | | | | |
| Heating/ventilation/air conditioning | Steam by oil, unit ventilators in classrooms with supplemental radiation. Portable AC for two students. | Poor/original/60 years; 2 boilers are original | Boiler inefficient | NO | | Ventilation is suspect in some areas. Some classroom exhaust fans not operable. | 4 | Boilers and heating system are original equipment. CI panel radiation. Heating issues throughout. Traps not serviced. Admin window AC units removed. Pipe leaks. |
| Plumbing | Piping original, unknown. | Fair to poor/original. | NO | Marginal accessibility | NO | NO | 4 | |
| Fire Protection | None | | | | | | - | |
| Electrical Service Equipment | One 400A. 1 phase, 3 wire, 120/240V and one 100A, 1 phase and 120/240V. | Fair to Poor - 60 years and newer | NO | NO | | Insufficient working clearances | 3-4 | Should be upgraded. |
| Distribution System | Circuit breaker panelboards with conduit and wire feeders. | Fair to Poor - 60 years and newer | NO | NO | NO | NO | 3-4 | Should be upgraded. |
| Emergency System | Gas indoor generator in boiler room; unsure of equipment served. | Fair to Poor - 60 years; operation- questionable Good/ 2010 | NO | NO | | Insufficient working clearances; Not 2 hour fire rated room. | 1 | Generator should be replaced with Code compliant unit in 2-hour rated room. |
| Fire Alarm System | Multi-zone: not ADA compliant; Library, Auditorium, Gym, and corridor smoke detectors and door holders; exterior master box. | Good - + 30 years | NO | NO | | Mounting height and locations of some pull stations. | 2 | Signals need to be ADA compliant; Some pull stations should be relocated. |
| Telephone System | Multiple outside lines. | Good - 15 years | NO | NO | NO | NO | 2 | Should be upgraded. |
| Lighting System | Generally 2x2 recessed fluorescent and suspended wrap arounds. | Good - + 10 to 15 years | NO | NO | NO | NO | 2-3 | Additional fixtures needed in some areas. New energy efficient lamps and electronic ballasts by utility company. |
| Receptacles | Generally standard duplex type. | Fair - <mark>50</mark> years and newer. | NO | NO | NO | NO | 3-4 | Additional receptacles/ circuits needed throughout. |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Rating | Comments |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|------------------|----------------------|-----------------------|----------------------|--------|----------------------------------------------------|
| Security System | Keypad at custodian entrance; Motion detectors in corridors; Monitor switches on custodian entrance door; Notifies UL Central Station. | | NO | NO | NO | NO | 3 | System will need upgrading. |
| Door Bell System | Intercom at parking lot door and front entrance; Control station in Admin. | Fair | NO | NO | NO | NO | 3-4 | |
| Sound/Intercom System | with private switches in classrooms; ceiling speakers in corridors; Independent system in Auditorium. | Fair - + 25 years | NO | NO | NO | NO | 3 | System needs to be upgraded. |
| Clock/Program Bell System | Classroom and Office battery clocks. Corridor and classroom speaker with bell tones. | Good - New clocks provided as needed. | NO | NO | NO | NO | 2 | |
| Information Technology System | Data in some classrooms and office areas. | Good - <mark>15</mark> years | NO | NO | NO | NO | 2 | Data outlets needed in all classrooms and offices. |
| Cablevision System | Outlets in Library and Custodian's Office. | Fair - 15 years | NO | NO | NO | NO | 3 | |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|--------------------|----------------------------------------------------------------------------------------------|--------------------------------------------------------|--------|---------------|-------------|------------|------------|-----------------------------------------------------------------------------------------------------------------------------|
| | Material | Condition/Age | Issues | , | Issues | Issues | Rating | Comments |
| SITE FEATURES | | - | | | | | | |
| Parking | Bituminous concrete, concrete curb | Fair/good | NO | NO | NO | NO | 3 | Replace/resurface, replace concrete curb, resurface bit. Conc. Drive |
| Sidewalks/ramps | Concrete entrance ramp & walk | Fair | NO | YES | NO | NO | 3 | Surface condition |
| | Concrete pavers in seating area | Good | NO | NO | NO | NO | 1 | |
| | Brick seating area at building front | Good | NO | NO | NO | NO | 1 | |
| | Concrete walks | Varies - good by parking, poor at rear building | NO | YES | NO | NO | 1 and 4 | No accessible route from parking to front door, main building entrance not accessible, paths from drive are greater than 5% |
| Fields | Turf - skinned base area, baseball & soccer | Fair/good | NO | YES | NO | NO | 3 | No accessible route to baseball, drainage issues in field |
| Plantings | Turf/trees/flowers | Good | NO | NO | NO | NO | 1 | Attractive plantings at both main building entrances |
| Play structures | 5-12 & swings/timber & steel | Fair/good | NO | YES | NO | NO | 2 | Wood edge and wood fibre surfacing - no accessible passage to play structures |
| Courts | Paved informal play area | | | | | | | |
| Benches/bike racks | Metal bike rack by baseball, benches and picnic table by paved play area and play structures | Bike rack - poor, benches & picnic - | NO | NO | NO | NO | 4 and | Replace bike rack |
| Fencing | CLF & vinyl coated CLF | Perimeter @ baseball - fair | NO | NO | NO | NO | 3 | Exposed footings at drive, replace fabric and some framework |
| Lighting | Parking area lighting | None | | | | | | |
| | Building flood lights | Poor/age unknown | NO | NO | NO | NO | 4 | Replace lighting. |
| | Exterior door lights | Fair/age unknown. Downlights at main entry canopy only | NO | NO | NO | NO | 3 | Replace lighting. |

| Newton Schools Stu | dy - Facility Assessment | | | |
|-------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|---|--|
| JNDERWOOD SCH | HOOL | | | |
| BUILDING DATA: | site area: zoning district: building area: number of floors: historical status: year built: additions/renovations/upgrades: assessment value: | 1 acre PUB 43,300 gross square feet 3 None 1924 1978 (elevator, entry, small rooms) n/a | | |
| Key to Rating: 1 = New or in good cond | ition with ordinary maintenance required | | | |
| 2 = Good condition with r | minor repairs required pairs or replacement required | | 1 | |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Rating | Comments |
|----------------------|--------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|------------------|----------------------|-----------------------|----------------------|--------|----------------------------------------------------------------------------------------------|
| BUILDING EXTERIOR | | | | | | | | |
| Roof systems | Hot-applied rubber flat roof | Problems of on going leaks reported, metal roof edge in good condition/ 24 years | | NO | NO | NO | 3 | Roofing > 20 years old may not meet current codes. |
| Exterior walls | Load bearing masonry/concrete sills/stone detailing @ at entries | Good/original. Minor cracks and staining at masonry, rusting lintels | NO | NO | NO | NO | 2 | Repair, repoint and clean |
| Windows/louvers | Aluminum w/ thermal break and thermal glazing, fixed & single-hung operable | Good/1989 | NO | NO | NO | NO | 1 | Repair/replace damaged or missing screens. Note: difficult to operate, questionable quality. |
| Doors/hardware | Aluminum w/ pebble fiberglass panels; metal | Good/newer doors; Fair/original, all hardware is non accessible. | YES | YES | NO | NO | 3 | Replace with accessible hardware & auto-open device |
| Exterior steps/ramps | Concrete steps and stoops. Bituminous concrete from parking lot to accessible entry. | Fair/original. Spalling concrete. | NO | YES | NO | NO | 3 | Note: most entries, including main entry, are inaccessible |
| Structural concerns | None. | | | | | | | |

| | Material | Condition/Age | Energy Issues | Accessibility | • | Other Code | Dating | Comments |
|-------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------|------------------|---------------|--------|------------|---------------|---------------------------------------------------------------------------------------------------------|
| BUILDING INTERIOR | Material | Condition/Age | issues | Issues | Issues | Issues | nailig | Comments |
| Partitions | Glazed Brick w/ painted plaster above @ corridors; painted plaster walls, typical. Painted CMU at Basement level. | Fair/original. Cracking, water damaged, stained, peeling. Door surrounds non accessible. | NO | YES | NO | NO | 3 | Repair and paint. Modify door surrounds for accessibility. |
| Floors | VCT, Carpet | Fair to Good/ages unknown. Mixed VCT colors; VCT poorly installed, likely on an improperly prepared surface; carpet worn in areas. | NO | NO | NO | NO | 2 to 3 | Replace carpet w/ VCT. |
| Ceilings | 2x4 ACT, typical. 2x2 ACT and painted plaster | Good/ages unknown. Stained and damaged tiles | NO | NO | NO | NO | 2 | Replace damaged tiles. |
| Doors/borrowed lights | Wood solid core doors w/ wire glass in metal frames. Painted metal doors and frames w/ wire glass in corridors. Shades added to borrowed lights for security. | Good/original; many doors stick and do not close all the way. | NO | NO | NO | NO | 2 | See "Partitions" for accessibility issue. |
| Hardware | | Fair/age unknown, "handles" | NO | YES | NO | NO | 3 | Replace w/ accessible hardware & required locking sets as needed. |
| Interior built-in furnishings | Wood, metal, laminate | Poor/original; a few locations with newer casework. | NO | YES | NO | NO | 4 | Replace to include accessible hardware/sinks/fixtures. |
| Lockers/cubbies | Painted wood cubbies | Poor/age unknown | NO | YES | NO | NO | 3 | Replace with metal double tier 15" x 30" or 12" x 60" if space allows. |
| Window treatments | Rolldown shades, typical | Good/age unknown | NO | NO | NO | NO | 1 | |
| Toilet rooms | Adult: CMU, ceramic tile at walls and floors Student: ceramic floor tile, epoxy | Fair/original, not accessible Good/age unknown. Does not have | NO | YES | NO | NO | 3 | Modify and update toilet rooms for accessibility. |
| | | required floor space for accessibility, | NO | YES | NO | NO | 2 | Modify toilet rooms for accessibility. |
| Stairs | Concrete/metal pan construction w/ VCT and/or rubber treads/landings; wood/metal hand & guardrails; painted metal pipe rail at newer stair | Fair/original Railings and stair nosing are non accessible. Surface material is lifting. Good/newer stair | NO | YES | NO | YES | 3 | Replace railings & stair nosing. Note: main entry stair is 12' wide without a center handrail. |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | | Other Code Issues | Rating | Comments |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------|------------------|-------------------------|----|----------------------|--------|------------------------------------------------------------------|
| Elevator | | Fair/1978, sized too small | NO | YES | NO | NO | | Elevator is too small to meet current accessibilty requirements. |
| Signage | Plastic plaques | Good/age unknown | NO | YES | NO | NO | | Relocate at accessible height. |
| Gymnasium | Wood athletic floor and backstops; painted brick w/ plaster above | Fair/original | NO | NO | NO | NO | 2 to 3 | Refinish floor. |
| Kitchen | Warming kitchen | Good/functional | NO | NO | NO | NO | 1 | |
| Code concerns | Library is configured on multiple (5) Front entry stair is 12' wide without Open cubbies in corridor create a fl Occupied basement level is must | a center handrail. ammability risk. | risks. | | | | | |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|--------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------|---------------------------------------------------------------|---------------------------------|-------------|-------------------------------------------------------------------------------------------------------------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| BUILDING SYSTEMS | | | | | | | | |
| Heating/ventilation/air conditioning | Steam by oil, classroom unit ventilators. AC in office. | Fair to poor/original. One boiler/ 2003; One boiler/ 2009; 4 classrooms have new unit vents. | Boiler- inefficient. Classroom exhaust runs 24/7. | NO | NO | Toilet exhaust inoperable. Air quality in Art Room. Unit ventilator noise issues. Some classroom exhaust blocked. | 4 | One new and one original boiler with new burner. Heating system poor; inconsistent, erratic, hot/cold through school. New boiler has problems and keeps shutting down. |
| Plumbing | Piping unknown, original | Poor/original | NO | Some accessible fixtures. | NO | Domestic water recirc. Inoperable? | 4 | |
| | | | | | | | | |
| Fire Protection | None | | | | | | - | |
| Electrical Service Equipment | 400A. 3 phase, 4 wire, 120/208V | Fair to Poor - + 55 years | NO | NO | NO | Insufficient working clearances | 3-4 | Should be upgraded. |
| Distribution System | Circuit breaker panelboards with conduit and wire feeders. | Fair to Poor - + 55 years | NO | NO | NO | NO | 3-4 | Should be upgraded. |
| Emergency System | 15kW gas indoor generator in boiler room; serves corridor and stair lighting and boilers. | Fair to Poor - 55 years | NO | NO | NO | Insufficient working clearances; Not 2 hour fire rated room. | 3-4 | Generator should be replaced with Code compliant unit in 2-hour rated room. |
| Fire Alarm System | Multi-zone: not ADA compliant; Library, Gym, Multipurpose Room, and corridor smoke detectors and door holders; exterior master box. | Good - + <mark>30</mark> years | NO | NO | NO | Mounting height and locations of some pull stations. | 2 | All signals need to be ADA; Some pull stations should be relocated. |
| Telephone System | Multiple outside lines. | Good - 10 years | NO | NO | NO | NO | 2 | Add Dial phone to all classrooms. |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|--------|---------------|-------------|------------|--------|--------------------------------------------------------------------------------------------------------------------------------------------------|
| | Material | Condition/Age | Issues | , | , | | Rating | Comments |
| Lighting System | Generally 2x4 recessed; surface/ suspended wrap around fluorescents. | Good - + 25 years and newer. | NO | | | NO | 2-3 | Additional fixtures needed in some areas. Broken lenses need replacement. New energy efficient lamps and electronic ballasts by utility company. |
| Receptacles | Generally standard duplex type. | Fair to Good - 55 years and newer. | NO | NO | NO | NO | 3-4 | Additional receptacles/ circuits shall be added throughout. |
| Security System | Keypad at Custodian specific door; Motion detectors in corridor and some high value rooms. Monitor switches on some exterior doors; Notifies UL Central Station. | Fair - Mixed - 15 years | NO | NO | NO | NO | 3 | System will need upgrading. |
| Door Bell System | Push button at rear and front entrance; Bell in Admin. | Fair | NO | NO | NO | NO | 3-4 | |
| Sound/Intercom System | classrooms and offices; no ceiling speakers in corridors; Not heard throughout. | Good - 10 years | NO | NO | NO | NO | 2 | System needs to be replaced. |
| Clock/Program Bell System | Classroom and Office battery clocks. Corridor bells. | Good - New clocks provided as needed. | NO | NO | NO | NO | 2 | |
| Information Technology System | Data in classrooms and office areas | Good - 10 to 15 years | NO | NO | NO | NO | 2 | Additional data outlets needed in all classrooms. |
| Cablevision System | None | | | | | | - | Service should be provided. |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|--------------------|-----------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|--------|---------------|-------------|------------|---------|-----------------------------------------------------------------------------------------------------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| SITE FEATURES | | | | | | | | |
| Parking | Bituminous concrete, concrete hc parking space | Fair/good | NO | NO | NO | NO | 3 | Replace/resurface, reconstruct building entrance which is flush w/ parking |
| Sidewalks/ramps | Concrete walk to front door, stairs at c | Fair/good | NO | YES | NO | NO | 2 | Main entrance is not accessible |
| | Concrete walk by parking area | Poor | NO | YES | NO | NO | 4 | Surface condition, replace |
| | Concrete walk at granite stair to main entrance | Concrete at stair is in poor condition | NO | YES | NO | NO | 4 | Main entrance is not accessible |
| | Concrete walk at rear | Poor | NO | YES | NO | NO | 4 | |
| | Concrete HC entry at parking | Fair | NO | YES | NO | NO | 3 | Replace entry, no marked ho route to entrance |
| Fields | Turf - skinned base area, small baseball | Fair | NO | YES | NO | NO | 3 | No accessible route, turf restoration is needed |
| Plantings | Garden area to side of school, mature trees @ play area and around building, turf | | NO | YES | NO | NO | 2 and 3 | Garden area not accessible, turf restoration needed |
| Play structures | 5-12 structure - timber, steel swings | Timber structure in fair condition, swings are in good condition | NO | YES | NO | NO | 3 and | Play structure and swings are not fully accessible, surfacing is not accessible - wood fibre and wood edging |
| Courts | Bituminous concrete paved play area behind building, basketball area | Paved play area is in fair condition, basketball is in fair/good condition | NO | YES | NO | NO | 2 | No accessible route to basketball |
| Benches/bike racks | Wood and steel benches by play area, wood picnic table at garden, granite benches at entrance | Wood/steel benches, picnic table - fair | NO | YES | NO | NO | 3 | Non-accessible locations, replace wood /steel benches, picnic table |
| Fencing | CLF @ perimeter, play area and front by garden | Fair | NO | NO | NO | NO | 3 | |
| Lighting | Parking area lighting | None | | | | | | |
| | Building flood lights | Poor/age unknown | NO | NO | NO | NO | 4 | Replace lighting. |
| | Exterior door lights | Poor/age unknown | NO | NO | NO | NO | 4 | Replace lighting. |

| Newton Schools Stud | dy - Facility Assessment | | | | | |
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| Newton Schools Stud | dy - I acility Assessifierit | | | | | |
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| WARD ELEMENTAR | RY SCHOOL | | 1 | П | 3000 | |
| 10 DOLPHIN ROAD | | | | 2 | | |
| | | |] | | 344 | |
| BUILDING DATA: | | | . 1 | | | |
| DOILDING DATA. | | | | | | £4 |
| | site area: | 3.16 acres | | | | The state of the s |
| | zoning district: | PUB | | | 200 | A DESCRIPTION OF THE PROPERTY |
| | building area: | 38,000 gross square feet | 1 1 | Dine de | | 4 |
| | number of floors: | 3 | | | | CONTRACT OF |
| | historical status: | None | | | | |
| | year built: | 1928 | | | | |
| | additions/renovations/upgrades: | 1950, 1954 | | | | TOTAL A |
| | assessment value: | n/a | | 15 | | |
| | | | | | | |
| | | | | | | |
| Key to Rating: | | | The same of the sa | | | - |
| I = New or in good condit | ion with ordinary maintenance required | | | | | |
| 2 = Good condition with m | ninor repairs required | | | THE REAL PROPERTY. | | |
| B = Fair condition with rep | pairs or replacement required | | | | | |
| 4 = Poor condition with re | placement required | | | | | |
| | | | | | | |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|----------------------|----------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|--------|---------------|-------------|------------|--------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| BUILDING EXTERIOR | | | | | | | | |
| Roof systems | Rubber flat roof | Leaks reported/ 1986 - 25 years | YES | NO | NO | NO | 3 | Roofing > 20 years old may not meet current codes. |
| | Pitched slate shingles | Original | YES | NO | NO | NO | 2 | Original roofing does not meet current energy codes. |
| Exterior walls | Load bearing masonry/stone sills and stone detailing; exposed concrete foundation. Wood trim/details. | Fair/original. Spalling, stained sills, rusting lintels. Poor/original-wood trim. | NO | NO | NO | NO | 3 | Repair, repoint, and clean masonry and concrete. Repair, scrape and paint wood. Vines should be cut back to avoid masonry problems. |
| | Brick veneer/concrete sills; exposed concrete foundation | Fair/original. Stained/spalling concrete. | NO | NO | NO | NO | 3 | Repair and repoint |
| Windows/louvers | Aluminum w/ thermal break and thermal glazing, single-hung operable; metal louvers; cast iron grills | Good/1986-windows. Good/original grills high on walls. Poor/original-windows and louvers | YES | NO | NO | NO | 3 | Repair/replace missing screens. Replace old windows/louvers. Note: difficult to operate, questionable quality. |
| | Steel frame, single-pane window wall system, hopper operables; metal louvers | Poor/1950s, Lexan infills, peeling/rusting frames | YES | NO | NO | NO | 4 | Replace window system and louvers |
| Doors/hardware | Metal, wood, aluminum, aluminum w/pebble fiberglass panels | Good/newer; Poor/original and ages unknown-including frames. Hardware is non accessible. | YES | YES | NO | NO | 3 | Replace doors, frames, hardware. Note: main entry is not an accessible route. |
| Areaways | Concrete retaining walls with painted steel grates. | Poor/original. Deteriorating concrete, minor cracks at foundation, grates are rusted but appear structurally sound | NO | NO | NO | NO | 4 | Repair/patch concrete, scrape and paint grates. |
| Exterior steps/ramps | Granite steps; concrete steps, stoops, and ramps w/ painted steel pipe guardrails; wrought iron railings | Poor/original and ages unknown. Rusting railing supports,spalling concrete. Settlement has caused uneven steps that are unsafe. | NO | YES | NO | NO | 4 | Repair or replace railings/concrete. Note: the only accessible entrance door is at the rear of the building and the path to that door is non accessible. |
| Structural concerns | None. | | | | | | | |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------------|-------------|------------|--------|---------------------------------------------------------------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| BUILDING INTERIOR | | | | | | | | |
| Partitions | Painted plaster/concrete @ corridors; painted plaster walls, typical. | Fair/original-cracking, peeling, stained at corridors; rooms more recently painted. | NO | YES | NO | NO | 3 | Repair/paint corridor walls. |
| | Painted gypsum wallboard, typical. With vinyl wall covering @ corridors. | Fair/1954. Door surrounds are non accessible | NO | YES | NO | NO | 3 | Modify openings to comply with accessibility codes |
| Floors | Carpet, VCT, vinyl flooring, VAT, terrazzo | Fair/original. Good/newer VCT | NO | NO | NO | NO | 2 | Replace carpet, VAT and vinyl w/ VCT. |
| Ceilings | Painted plaster, typical; 2x4 ACT and 2x2 ACT | Good/original and ages unknown. | NO | NO | NO | NO | 2 | Replace stained tiles. |
| Doors/borrowed lights | Wood solid core doors w/ wood frames. Shades added at borrowed lights for security. | Fair/original | NO | NO | NO | NO | 3 | See "Partitions" for accessibility issue. |
| Hardware | | Fair/original | NO | YES | NO | NO | 3 | Replace w/ accessible hardware & required locking sets. |
| Interior built-in furnishings | Wood, painted wood, metal, laminate | Poor/original | NO | YES | NO | NO | 4 | Replace as required, replacement to include accessible hardware/sinks/fixtures. |
| Lockers/cubbies | Painted wood cubbies. Metal, singletier, 15" x 60" for 2 students | Poor/age unknown-metal lockers, rusting. Recently painted exteriors only. Sized too small for shared use, non accessible hardware. Fair/ages unknown-wood cubbies. | NO | YES | NO | NO | 3 | Replace with metal double tier 15" x 30" or 12" x 60" if space allows. |
| Window treatments | Rolling shades, typical | Good/ages unknown | NO | NO | NO | NO | 2 | |
| Toilet rooms | Adult: CMU, epoxy flooring, VCT; wood/metal partitions Student: epoxy flooring, | Poor/original. Good/2010 fixtures. Non accessible | NO | YES | NO | NO | 3 | Replace/upgrade toilet rooms |
| | VAT/VCT/ceramic tile; steel partitions, painted metal/wood partitions, laminated partitions; painted plaster ceilings; painted concrete walls/glazed CMU | Poor/original. Good/ 2010 fixtures, partitions, and flooring. Non accessible. | NO | YES | NO | NO | 3 | Replace/upgrade toilet rooms |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------------|-------------|------------|----------------|---------------------------------------------------------------------------------------------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| Stairs | Concrete w/ steel nosing; wood/metal hand & guardrails | Poor/original. Worn. Railings and stair nosing are rusting and non accessible. Majory leak at main stair has caused water damage at ceiling and wall. | NO | YES | NO | NO | 4 | Replace railings & stair nosing. Paint treads and landings. Repair leak and resulting damage. |
| Ctairs | Tidita a gadraraiis | ocining and wan. | | 120 | 110 | | | resuring damage. |
| Elevator | None | | | | | | | |
| Signage | Plastic plaques | Fair, non accessible | NO | YES | NO | NO | 2 | Replace signage to include Braille |
| Gymnasium | Wood athletic floor and backstops | Good/original | NO | NO | NO | NO | 2 | |
| | Wood paneling, painted CMU above; exposed acoustic deck; clerestory windows w/ vertical blinds | Good/original. Poor/age unknown- vertical blinds | NO | NO | NO | NO | 2 and 3 | Replace window treatment |
| | Wood platform; fabric curtains | Poor/original. Platform is not accessible. Stair treads to platform are cracked/ splitting. | NO | YES | NO | NO | 3 | Refinish floor; provide access, replace stair treads. |
| Kitchen | Warming kitchen | Good/functional | NO | NO | NO | NO | 2 | Kitchen is at furthest point- from classrooms; students- carry food trays up multiple- floor levels. |
| Code concerns | 1. Inaccessible at both the interior and 2. No elevator. 3. "Dead-end" corridors do not meet of 4. Open cubbies in corridor create a fluid 5. No visual of front entry creates a see 6. Flooding at basement level creates | d exterior of the building. code. lammability risk. ecurity risk. | INO | INO | INO. | INO | | THOU TO VOIS. |
| 2000 0011001113 | o. I looding at basement level dreates | a noutil flor. | | | | | | |
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| | | | Energy | Accessibility | Life Safety | Other Code | | |
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| | Material | Condition/Age | Issues | Issues | Issues | | Rating | Comments |
| BUILDING SYSTEMS | | | | | | | | |
| Heating/ventilation/air conditioning | Steam, dual fuel burners, AC in office and Comp. Storage. | One boiler/1948 -poor condition, used for emergency only; one boiler/ 2006 | Boiler inefficient | NO | | Some classroom exhaust registers blocked. Oil storage inside exceeds code. | 4 | One new boiler, one original to 1950's addition with newer burner, but in poor condition. |
| Conditioning | and Joinp. Glorage. | DOIICI/ 2000 | | 140 | 110 | | | ooridition. |
| Plumbing | Piping original, unknown | Poor/original | Electric point-of-use domestic water heaters added at toilets. | Limited accessibility. | NO | NO | 4 | Possible sewage ejectors? Domestic water main service leaks. |
| Fire Protection | None | | | | | | - | |
| Electrical Service Equipment | 400A. 3 phase, 4 wire, 120/208V | Fair - + 65 years. Very serious water penetration. | NO | NO | | Insufficient working clearances | 3 | Should be upgraded. |
| Distribution System | Circuit breaker panelboards with conduit and wire feeders. | Fair - + <mark>65</mark> years and newer | NO | NO | NO | NO | 3 | Should be upgraded. |
| Emergency System | 100kW diesel exterior generator serves possibly entire facility. | Good - 10 to 15 years | NO | NO | | No 2-hour fire rated room for life safety system equipment. | 2-3 | |

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| | | | Energy | Accessibility | • | Other Code | . | |
| | Material | Condition/Age | Issues | Issues | Issues | | Rating | Comments |
| | Multi-zone: not ADA compliant; Library and corridor smoke detectors | | | | | Mounting height and locations of | | Signals should be replaced with ADA compliant type. |
| | and door holders; exterior master | | | | | some pull | | Some pull stations should be |
| Fire Alarm System | box. | Good - <mark>30</mark> years | NO | NO | NO | stations. | 2 | relocated. |
| | | | | | | | | Phone lines should be |
| Telephone System | Multiple outside lines. | Good - 10 years | NO | NO | NO | NO | 2 | extended to classrooms. |
| | Generally 2x2 and 2x4 recessed fluorescent; surface wrap around in | | | | | | | Energy efficient fixtures, lamps and electronic ballasts |
| Lighting System | classrooms and some corridors. | Good - 6 years and older | NO | NO | NO | NO | 2 | by utility company. |
| Receptacles | Generally standard duplex type. | Fair - + 55 years. Many plug strips. | NO | NO | NO | NO | 3-4 | Additional receptacles/circuits needed throughout facility. |
| Security System | Keypads at specific doors; Motion detectors in corridors and stairs. | Fair - Mixed - + 35 years. Connection to Alarm Company not operating. | NO | NO | NO | NO | 3 | System needs repair and upgrading. |
| Door Bell System | Push button at front door. Buzzer in office area. | Fair | NO | NO | NO | NO | 3-4 | |
| Sound/Intercom System | Privacy switches and surface speakers in classrooms; corridor speakers; exterior speakers. Independent system in Gym. | Fair to Poor - + 35 years | NO | NO | NO | NO | 3-4 | System needs to be upgraded. |
| Clock/Program Bell System | Classroom and Office battery clocks. Corridor speakers with bell tone. | Good - New clocks provided as needed. | NO | NO | NO | NO | 2 | |
| Information Technology System | Data in classrooms and office areas. Some wireless. | Good - 20 years | NO | NO | NO | NO | 2 | Additional data outlets needed in classrooms. |
| Cablevision System | In after school room only. | N/A | | | | | - | Service should be provided. |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|--------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------|--------|---------------|-------------|------------|---------|-------------------------------------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| SITE FEATURES | | | | | | | | |
| | Bituminous concrete drive at back w/ | Fair/2004 | NO | VEC | NO | NO | 0 | Replace/resurface, route from hc parking space is too |
| Parking | parking and back parking | Fair/poor | NO | YES | NO | NO | 3 | steep |
| | | | | | | | | |
| Sidewalks/ramps | Concrete walk at left front entrance | Fair/poor | NO | YES | NO | NO | 3 | Stairs, no ramp provided |
| | Bituminous concrete walk at right front entrance | Fair | NO | YES | NO | NO | 3 | Stairs, no ramp provided, no handrails at door |
| | Concrete perimeter walk | Good w/ some bad sections | NO | YES | NO | NO | 1 & 3 | Replace bad sections |
| | Concrete stair at rear | Good w/ some bad sections | NO | YES | NO | NO | 1 | |
| | Bituminous concrete path around building | Fair | NO | YES | NO | NO | 3 | |
| Fields | Turf - skinned base area - baseball (2), soccer | Fair | NO | YES | NO | NO | 3 | No accessible route, turf restoration is needed |
| Plantings | Mature plantings, turf and shrubs in planters at school entrance, school garden at front, eroded turf at back side of play area and side slopes | Plantings are in good or fair condition/turf is in fair/poor condition | NO | NO | NO | NO | 3 | Garden area not accessible, turf restoration |
| Play structures | 5-12 structure, swings - timber | Fair | NO | YES | NO | NO | 3 | Accessible ramp onto structure but no accessible loop |
| Courts | Bituminous concrete paved play area at side, tennis courts | Paved play area is in fair condition/poor, tennis is in good condition | NO | YES | NO | NO | 3 and | Access through parking lot, no accessible entrance |
| Benches/bike racks | wood and steel benches by play area, bike racks in field | Fair | NO | YES | NO | NO | 3 | Non-accessible locations, repair/replace |
| Fencing | CLF separates drive & fields, and paved play and structures area, CLF at basketball | Fair, basketball CLF - poor | NO | NO | NO | NO | 3 and 4 | Repair/replace |
| | | , | - | - | - | - | | 11 |
| Lighting | Parking area lighting | NO | | | | | | |
| | Building flood lights | Good/newer, Poor/older | NO | NO | NO | NO | 3 | Replace lighting. |
| | Exterior door lights | Fair/original pole light at main entry | NO | NO | NO | NO | 3 | Replace lighting. |

| Newton Schools Stud | ly - Facility Assessment | | |
|-------------------------------------|----------------------------------------|--------------------------|-------------------|
| WILLIAMS SCHOOL 141 GROVE STREET | | | |
| BUILDING DATA: | | | |
| | site area: | 2 acres | |
| | zoning district: | PUB | |
| | building area: | 41,700 gross square feet | |
| | number of floors: | 2 | |
| | historical status: | None | |
| | year built: | 1950 | WILLIAMS WILLIAMS |
| | additions/renovations/upgrades: | 2001 | |
| | assessment value: | n/a | |
| | | | |
| Key to Rating: | | | |
| I = New or in good condit | ion with ordinary maintenance required | | |
| 2 = Good condition with m | ninor repairs required | | |
| B = Fair condition with rep | airs or replacement required | | |
| 1 = Poor condition with rep | placement required | | |
| | | | |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Rating | Comments |
|----------------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------|------------------|----------------------|-----------------------|----------------------|--------|----------------------------------------------------------------------------------------------|
| BUILDING EXTERIOR | | - | | | | | | |
| Roof systems | Hot-applied rubber flat roof | No active leaks reported, metal roof edge in good condition/ 2001, 10 years | NO | NO | NO | NO | 2 | |
| Exterior walls | Load bearing masonry/concrete sills/stone detailing @ main façade. | Good. Minor cracks and staining at masonry, rusting lintels/original; mildew on North side | NO | NO | NO | NO | 1 | Repair and clean/ powerwash |
| | Brick veneer | Good/2001 | NO | NO | NO | NO | 1 | |
| Windows/louvers | Steel-frame, single-pane glazing, metal louvers | Original windows at gym area only, others are Good/ 1993. Louvers are rusting/peeling/original | YES | NO | NO | NO | 3 | Replace gym windows, scrape and paint louvers. |
| | Aluminum w/ thermal break and thermal glazing, fixed & single-hung operable | Good/2001 | NO | NO | NO | NO | 1 | Repair/replace damaged or missing screens. Note: difficult to operate, questionable quality. |
| Doors/hardware | Aluminum w/ pebble fiberglass panels; shades added to borrowed lights for security. | Good condition, hardware is non accessible/~2001 | NO | YES | NO | NO | 2 | Replace with accessible hardware & auto-open device |
| Areaways | Concrete retaining walls with painted steel grates, open steel pipe guardrail. | Deteriorating concrete, minor cracks at foundation, grates are rusted but appear structurally sound/original | NO | NO | YES | NO | 3 | Repair/patch concrete, scrape and paint grates. Replace or modify guardrails. |
| Exterior steps/ramps | Concrete ramps w/ painted steel pipe guardrails | Poor condition, concrete is deteriorating and railing supports are rusting and not secure/2001 | NO | NO | YES | NO | 3 | Replace ramps and railings |
| Structural concerns | None. | | | | | | | |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|-------------------------------|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------------|-------------|------------|--------|----------------------------------------------------------------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| BUILDING INTERIOR | | | | | | | | |
| Partitions | Glazed CMU w/ painted plaster above @ corridors; painted plaster walls, typical | Good/original. Refurbished classroom door surrounds are non accessible | NO | YES | NO | NO | 3 | Modify openings to comply with accessibility codes |
| | Gypsum wallboard, painted w/ vinyl base, typical; steel corner guards @corridors | Good/2001. Door surrounds are non accessible | NO | YES | NO | NO | 3 | Modify openings to comply with accessibility codes |
| Floors | Carpet, typical | Good/2001 | NO | NO | NO | NO | 3 | Replace carpet w/ VCT. |
| Ceilings | 2x4 ACT and 2x2 ACT | Good/2001. 5-2nd floor classroom spaces have significant water damage ceilings; 3 of which are in the 2001 addition, plus 1 classroom on the first floor. | NO | NO | NO | NO | 2 | Find the source or sources of the leaks, repair, and then replace damaged tiles. |
| Doors/borrowed lights | Wood solid core doors w/ metal frames | Good/2001; Fair/original | NO | NO | NO | NO | 2 | See "Partitions" for accessibility issue. |
| Hardware | | Good for ~75%/2001; Fair/original | NO | YES | NO | NO | 3 | Replace w/ accessible hardware & required locking sets. |
| Interior built-in furnishings | Wood, metal, laminate | Good/2001; Poor/original | NO | YES | NO | NO | 2 | Replace as required, replacement to include accessible hardware/sinks/fixtures. |
| Lockers/cubbies | Metal, single-tier, 15" x 60" for 2 students | Good/2001; Fair/originalsome rusting. Sized too small for shared use, non accessible hardware | NO | YES | NO | NO | 3 | Replace with metal double tier 15" x 30" or 12" x 60" if space allows. |
| Window treatments | Various: vertical & horizontal blinds, and shades | Good/2001; Fair/older versions. | NO | NO | NO | NO | 2 | Replace/upgrade to provide consistent light control. |
| Toilet rooms | Adult: CMU, ceramic tile, VCT and epoxy flooring; wood/metal partitions | Good/original with new flooring and fixtures. Non accessible | NO | YES | NO | NO | 2 | Replace/upgrade toilet rooms |
| | Student: glazed CMU & ceramic tile; stainless steel partitions | Good/2001 | NO | NO | NO | NO | 1 | |
| Stairs | Concrete w/ steel nosing; wood/metal hand & guardrails | | NO | YES | NO | NO | 2 | Replace railings & stair nosing. |

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| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Rating | Comments | |
| | iviaterial | Condition/Age | 133063 | 133063 | 133063 | 133063 | riating | Comments | |
| | Concrete/metal pan construction; painted metal hand & guardrails | Good/2001 | NO | NO | NO | NO | 1 | | |
| | painted metal hand & guardrails | G000/2001 | NO | INO | NO | INO | I | | |
| | | | | | | | | | |
| Elevator | | Good/2001 | NO | NO | NO | NO | 1 | | |
| | | Good/2001; Fair/all other, non | | | | | | Replace signage to include | |
| Signage | Plastic plaques | accessible | NO | YES | NO | NO | 2 | braille | |
| | | | | | | | | | |
| | | Good/ original; large areas of water stains at ceiling; doors to gym do | | | | | | Find and fix source of damage and repair/replace | |
| Gymnasium equipment | Wood athletic floor; wood backstops | not work properly | NO | NO | NO | NO | 2 | ceiling; adjust doors | |
| | | Good/original. Slope of floor is not | | | | | | Partial reconstruction | |
| Auditorium | Painted concrete floor | accessible | NO | YES | NO | NO | 3 | required. | |
| | | Good/original. Platform is accessible | | | | | | | |
| | Wood platform | and is used for Music | NO | NO | NO | NO | 1 | | |
| | | Good/2001. Designated "accessible" | | | | | | | |
| | Metal/fabric seats | seats are not accessible | NO | YES | NO | NO | 2 | Provide accessible seating. | |
| | | | | | | | | | |
| Kitchen | Warming kitchen | Good/functional | NO | NO | NO | NO | 1 | | |
| | | Good/functional; VCT is worn; water | | | | | | Note: cafeteria formerly a classroom. 3 lunches of | |
| Cafeteria | VCT floor/painted plaster walls | damage at ceiling | NO | NO | NO | NO | 1 | ~100 | |
| | 1 Main entrance is not clearly indicate | ed and 2 ramps at Grove Street side to | ad to doors w | vithout accessi | l hle hardwaro | 1 | | | |
| | 2. Doors swing open into original stair | Main entrance is not clearly indicated and 2 ramps at Grove Street side lead to doors without accessible hardware. Doors swing open into original stairwells, obstructing the path of travel. | | | | | | | |
| | | 3. Elevator access is far from main entry. | | | | | | | |
| Code concerns | 4. No visual of front entry creates a se | ecurity risk. floor in the 2001 addition are musty | with poor ai | ir quality | | | | | |
| 2000 0011001110 | or coverage of the rooms of the zha | I are zoor addition are musty | I Pool al | quanty. | ı | I | | | |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
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| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| BUILDING SYSTEMS | | | | | | | | |
| Heating/ventilation/air conditioning | Steam by oil w/UV's AC in Office | Poor - original; 1 boiler/ original; 1 new boiler since 2007 | Boiler inefficient | NO | NO | Mechanical ventilation below standard or missing in areas | 3-4 | Systems are near the end of their normal useful life |
| Plumbing | Piping unknown | Poor - original | NO | Not ADA, minimal accessibility | NO | Fixtures not water conserving | 3-4 | Systems are near the end of their normal useful life |
| Fire Protection | Wet sprinkler; dry for Gym/Auditorium area | Good - 10 years | NO | Coverage not to code in some areas | NO | Coverage issues; dry serving occupied areas | 2 | Drawings and hydraulic calculations prob available |
| Electrical Service Equipment | 400A. 3 phase, 4 wire 120/208V | Good - <mark>10</mark> years | NO | NO | NO | NO | 2 | New in 2001 |
| Distribution System | Circuit breaker panelboards with conduits and wire feeders | Good - 10 years and older | NO | NO | NO | NO | 2 | Mostly new in 2001 |
| Emergency System | Exterior generator; auto transfer switch in main electrical room. | Good - 10 years | NO | NO | NO | No separation of life safety, lighting system. | 2 | New in 2001 serves entire building. |
| Fire Alarm System | Multi-zone; ADA compliant; corridor smoke detectors and door holders; master box. | Good - 10 years | NO | NO | NO | No smoke detectors in Kindergarte n Room; no A/V signal in Cafeteria | 2 | New in 2001 |
| Telephone System | Multiple outside lines. | Good - 10 years | NO | NO | NO | NO | 2 | New in 2001 |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Rating | Comments |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------|----------------------|-----------------------|--------------------------------------------------------------------------------------------------------------|--------|-----------------------------------------------------------------------|
| Lighting System | Generally 2x4 recessed fluorescent | Good - 10 years and older | NO | NO | NO | No multiple switching or occupancy sensor in classrooms and offices with natural light. | 2 | New energy efficient lamps and electronic ballast by utility company. |
| Receptacles | Generally standard duplex type | Good - 10 years and older | NO | NO | NO | No child safety in kindergarten rooms; no ground fault in kitchen. | 2 | Additional receptacles needed in classrooms and office areas. |
| Security System | Control panel in Administration Office; keypads at specific doors; motion detectors in corridors; Notifies UL Central Station. | Mixed | NO | NO | NO | NO | 3 | System will need upgrading. |
| Door Bell System | Button at back door; Bell in Admin. Office | Working - 7 years - "residential" | NO | NO | NO | NO | 3 | |
| Sound/Intercom System | Dial phone and speaker in classrooms; ceiling speakers in corridors. | Good - 10 years | NO | NO | NO | NO | 2 | No independent system in Auditorium or Gym. |
| Clock/Program Bell System | Classroom and Office battery clocks; Corridor and classroom speakers with bell tones. | Good - 10 years | NO | NO | NO | NO | 2 | |
| Information Technology System | Data in classrooms and office areas | Good - 10 years | NO | NO | NO | NO | 2 | Additional data outlets needed in classrooms. |
| Cablevision System | None | | | | | | - | Service should be provided. |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|--------------------|---------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|--------|---------------|-------------|------------|--------|----------------------------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | | Rating | Comments |
| SITE FEATURES | | | | | | | | |
| Parking | Bituminous concrete at rear of building, drop off at building front | Fair. No crosswalk/curb cuts from drop off across street. No visitor parking. Parking area requires tandem parking. | NO | YES | YES | NO | 3 | Reconstruction |
| Sidewalks/ramps | Concrete | Fair/Poor. Entrance ramps and railings are deteriorating and not compliant | NO | YES | YES | NO | 3 | Reconstruction |
| Fields | Turf/skinned infield | Average. Gym entrance is not accessible, paved accessible route stops at field. Need to walk through parking area to field. | NO | YES | YES | NO | 3 | Repair. Note: softball used by PE |
| Plantings | Plantings at building edge/mature site trees | | NO | NO | NO | NO | | |
| Play structures | One structure/timber | Fair/poor. Surfacing/structure not accessible. Need to walk through parking area. | NO | YES | YES | NO | 3 | Replace |
| Courts | Bituminous concrete | Poor. | NO | NO | NO | NO | 4 | Reconstruction |
| Outdoor classroom | None | | | | | | | Note: school has plans for outdoor classroom |
| Benches/bike racks | None | | | | | | | |
| Fencing | None | | | | | | | |
| Lighting | Parking area lighting | By building flood lights. | NO | NO | NO | NO | 3 | Replace lighting. |
| | Building flood lights | Fair/ages unknown. One missing at rear of building | NO | NO | NO | NO | 3 | Replace lighting. |
| | Exterior door lights | Poor/original. Rusted, most likely do not work. | NO | NO | NO | NO | 4 | Replace lighting. |

| Newton Schools Stud | y - Facility Assessment | | | | | | |
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| ZERVAS SCHOOL | | | I | | ļ | I | |
| 30 BEETHOVEN AVENUE | Ξ | | | | | | _ |
| | | | | | | | |
| BUILDING DATA: | | | | | | | |
| BOILDING BITTI | | | A | | No. of the last of | | |
| | site area: | 5.28 acres | | William St. | - | | |
| | zoning district: | PUB | | | | | PAIN IDMS 10000 |
| | building area: | 36,006 gross sq. ft. | | | | | |
| | number of floors: | 1 | | | i L | | |
| | historical status: | None | | | ALVEN DE | A NORTH A | MON WINDOWS AND SE |
| | year built: | 1954 | | | | NAX XX | |
| | additions/renovations/upgrades: | 1991-modular, 2007-modulars | | MANA | | N XX | 建筑 经 |
| | assessment value: | n/a | | | | | |
| | | | | | | TY ANY | |
| | | | | WW E = - | | S/XI/3 | |
| Key to Rating: | | | | AND | ANALVA | | |
| 1 = New or in good conditi | on with ordinary maintenance required | | | 大阪和野蜂 | 10000000000000000000000000000000000000 | 1/// | 的经验的分析以上 |
| 2 = Good condition with m | inor repairs required | | 5年30美元 | D | Service The Service of the Service o | | |
| 3 = Fair condition with repa | airs or replacement required | | | | | | |
| 4 = Poor condition with rep | placement required | | | | | | |
| | | | | | | | |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Rating | Comments |
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| BUILDING EXTERIOR | | | | | | | | |
| Roof systems | Hot-applied flat roof/painted wood soffit at overhang | Skylight leaks reported have been repaired, one new leak w/ TS Irene; peeling paint at soffits/ 16 years | NO | NO | NO | NO | 2 | Repair one new leak location. |
| Exterior walls | Brick and field stone; 2x2 tile wall at former auditorium entrance; concrete exposed foundation | | NO | NO | NO | NO | 2 | Repair and clean |
| Windows/louvers | Aluminum, double-pane glazing, fixed and hopper; metal louvers | Good/ 2007; Poor at original louvers | NO | NO | NO | NO | 1 and 4 | Replace windows/ louvers |
| Doors/hardware | Aluminum w/ pebble fiberglass panels | Good/ 2007 | NO | NO | NO | NO | 1 | Replace doors and provide accessible hardware & autoopen device. Install proper thresholds. |
| Areaways | Concrete retaining walls with steel grates | Fair/original, concrete spalling, stained; grates are rusted | NO | NO | NO | NO | 3 | Replace grates, repair concrete |
| Exterior steps/ramps | Concrete and slate stoops; granite steps; concrete ramps; galvanized steel and painted metal pipe guardrails. | Poor/original or ages unknown, concrete is deteriorating and railing supports are rusting and not secure | NO | YES | NO | NO | 4 | Rebuild concrete steps and replace older railings. |
| Structural concerns | None. | | | | | | | |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Rating | Comments |
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| BUILDING INTERIOR | | or and a second | | 1000.00 | | | | |
| Partitions | Glazed CMU w/ painted plaster above @ corridors; painted plaster walls, typical; wood paneling at entries | Fair/original, door surrounds are non accessible; wood paneling is worn | NO | YES | NO | NO | 3 | Modify for door surrounds for accessibility |
| Floors | Carpet/linoleum and VCT | Fair/ages unknown, VCT of various colors | NO | NO | NO | NO | 3 | Replace carpet w/ VCT. Provide transition strips at varied materials. |
| Ceilings | Painted plaster and 1x1 ACT, typical; 2x4 ACT and 2x2 ACT | Fair/originalsagging/stained or broken tiles; Good/newer ACT | NO | NO | NO | NO | 3 | Replace damaged tiles. |
| Doors/borrowed lights | Wood solid core doors w/ wire glass in metal and wood frames. Shades added to borrowed lights for security. | Fair/original | NO | NO | NO | NO | 3 | Replace doors. See "Partitions" for accessibility issue. |
| Hardware | | Fair/original, hardware is non accessible | NO | YES | NO | NO | 3 | Replace w/ accessible hardware & required locking sets. |
| Interior built-in furnishings | Wood, metal, laminate | Fair/original | NO | YES | NO | NO | 3 | Replace/upgrade casework to include accessible hardware/sinks/fixtures. |
| Lockers/cubbies | Wood cubbies and metal, single-tier lockers of various sizes/configurations. | Poor/original and ages unknown-rusting. Sized too small for shared use, non accessible hardware. Recently painted. | NO | YES | NO | NO | 4 | Replace with metal double tier 15" x 30" or 12" x 60" if space allows. |
| Window treatments | Rolling shades, typical | Good/age unknown | NO | NO | NO | NO | 2 | |

| | | | Energy | Accessibility | | Other Code | | |
|--------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|--------|---------------|--------|------------|--------|---------------------------------------------------------------------------------------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| Toilet rooms | Adult | Poor/original. Non accessible | NO | YES | NO | NO | 4 | Replace/upgrade toilet rooms |
| | Student: glazed CMU & ceramic tile; painted laminate partitions | Poor/original. 2010 upgrades include epoxy flooring and partitions. Not fully accessible | NO | YES | NO | NO | 4 | Upgrade toilet rooms. |
| Stairs | Not applicable, 1 story | | | | | | | |
| Elevator | Not applicable, 1 story | | | | | | | |
| Signage | Printed paper | Poor, non accessible | NO | YES | NO | NO | 4 | Install signage w/ braille. |
| Gymnasium/assembly | Wood athletic floor and backstops; built-in cafeteria tables | Fair/original, tables not uesd/not safe | NO | NO | NO | NO | 3 | Refinish floor |
| | Glazed CMU, painted brick above; 1x1 ACT | Good/original | NO | NO | NO | NO | 2 | |
| Kitchen | Warming kitchen | Good/functional | NO | NO | NO | NO | 1 | |
| Code concerns | Flooding at crawl space may create Open cubbies in corridor create a fl All hardware is non accessible. Quantity of adult toilets does not | ammability risk. | | | | | | |
| "1991" Modular Addition includes 1 space used as the Library | Wood vertical siding; pre-fab metal walls, ACT and carpet | Poor/ 20 years old; exterior wall and floor are rotted, with a portion of the room unusable; bad indoor air quality | YES | NO | NO | NO | 4 | Modular spaces >20 years should be replaced. |
| "2007" Modular Addition includes 2 classrooms | Wood vertical siding; pre-fab metal walls, ACT and carpet | Good/ 4 years old; roof leaks; stained ceiling tiles; exterior steps being replaced 2011 | NO | NO | NO | NO | 2 | Repair roof leaks and replaced ceiling tiles; maintenance and upkeep efforts will continue to increase. |

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|--------------------------------------|-----------------------------------------------------------------------------------------------------------------------|--------------------------------------|-----------------------|------------------------|-------------|-------------------------------------------------------------------|--------|-----------------------------------------------------------------------------------------------------------------------------------|
| | Matarial | Condition/Ara | Energy | Accessibility | 1. | Other Code | Dating | Commonto |
| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| BUILDING SYSTEMS | | | | | | | | |
| Heating/ventilation/air conditioning | Steam by gas, original classroom unit ventilators. Burners piped for gas and oil. Library with RTU AC | | Boiler inefficient | | Boiler Room | Ventilation suspect, some areas "stuffy". | 4 | Only one operable boiler. Problems with heating, not warm enough through building. Steam taps need work. No overhaul of controls. |
| Plumbing | Piping original, unknown. | Unknown/original, Fair to poor | NO | Marginal accessibility | NO | NO | 4 | |
| Fire Protection | None | | | | | | - | |
| Electrical Service Equipment | Utility company transformer vault within building; 400A. 3 phase, 4 wire, 120/208V | Fair to Poor - original | NO | NO | | Insufficient working clearances | 3-4 | Should be upgraded. |
| Distribution System | Circuit breaker panelboards with conduit and wire feeders. | Fair to Poor - original, some newer. | NO | NO | NO | NO | 3-4 | Should be upgraded. |
| Emergency System | Exterior diesel generator in boiler room; serves corridor and stair lighting and boilers. (Possibly entire facility.) | Good - 15 years | NO | NO | | Not 2-hour fire rated room for life safety equipment. | 3-4 | Life safety equipment should be placed in Code compliant 2-hour rated room. |
| Fire Alarm System | Multi-zone: not ADA compliant; Library and corridor smoke detectors and door holders; exterior master box. | Good - + <mark>30</mark> years | NO | YES | | Mounting height and locations of some pull stations. | 2 | All signals need to be ADA; Some pull stations should be relocated. |
| Telephone System | Multiple outside lines. | Good - 10 to 15 years | NO | NO | NO | NO | 2 | Add Dial phone to all classrooms. |
| Lighting System | Generally suspended/surface wrap around fluorescents; Library 2x2 recessed fluorescent. | Good - + 25 years | NO | NO | NO | NO | 2-3 | Additional fixtures needed in some areas. New energy efficient lamps and electronic ballasts by utility company. |
| Receptacles | Generally standard duplex type. | Fair to Good - original and newer. | NO | NO | NO | NO | 3-4 | Additional receptacles/ circuits should be added throughout. |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | | Comments |
|----------------------------------|---------------------------------------------------------------------------------------------------------|---------------------------------------|------------------|-------------------------|-----------------------|----------------------|-----|----------------------------------------------------|
| | Keypad at parking lot door; Motion detectors in corridors; Monitor switches on exterior doors; Notifies | | | | | | | |
| Security System | UL Central Station. | Fair - Mixed - 15 years | NO | NO | NO | NO | 3 | System will need upgrading. |
| Door Bell System | Unknown | - | - | - | - | - | - | |
| Sound/Intercom System | Dial phones in offices and speakers with private switch in classrooms; speakers in corridors. | Fair - 35 years and newer. | NO | NO | NO | NO | 3-4 | System should be upgraded. |
| Clock/Program Bell System | | Good - New clocks provided as needed. | NO | NO | NO | NO | 2 | |
| Information Technology System | Data in classrooms and office areas. | Good - 10 years | NO | NO | NO | NO | 2 | Additional data outlets needed in some classrooms. |
| Cablevision System | None | | | | | | - | Service should be provided. |

Zervas School - 2011 Update

| | Material | Condition/Age | Energy | Accessibility | | Other Code | Pating | Comments |
|--------------------|-------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------|---------------|--------|------------|------------|-------------------------------------------------------------------|
| SITE FEATURES | Material | Condition/Age | Issues | Issues | issues | Issues | nating | Comments |
| Parking | Bituminous concrete | Fair/poor | NO | YES | NO | NO | 3 | Resurface, route from hc parking, non-complaint rails |
| Sidewalks/ramps | Bituminous concrete walk at main entr | Fair/good | NO | NO | NO | NO | 1 | |
| | Route from bus stop | | NO | YES | NO | NO | | Is either through drive or uses non-complaint walks/ramps |
| | Concrete paver seating area near front | Good w/ some bad sections | NO | YES | NO | NO | 1 | |
| | Back entrance stairs/railing | Poor | NO | YES | NO | NO | 4 | Repair/replace |
| | Bituminous concrete/conc ramps | Good/fair | NO | NO | NO | NO | 2 | |
| Fields | Turf - soccer | Poor | NO | YES | NO | NO | 4 | Severe compaction/turf restoration needed, turf in back is eroded |
| Plantings | Mature plantings and turf, attractive gardens in front | Good/fair | NO | NO | NO | NO | 2 | Some turf restoration, pruning |
| Play structures | K-2 by school - steel/plastic, 5-12 steel/plastic, wood fibre surfacing | Good | NO | YES | NO | NO | 1 | Surfacing is access issue - edging with wood fibre surfacing |
| Courts | Bituminous concrete paved play area at building, basketball in back | Good | NO | YES | NO | NO | 1 | Access through parking area |
| Benches/bike racks | | Bike racks, picnic and wood bench in front - good, wood and steel in play area - fair | NO | NO | NO | NO | 1 and 3 | Repair/replace wood/steel benches |
| Fencing | CLF front by soccer, some wood | Fair | NO | NO | NO | NO | 3 | repair/replace |
| Lighting | Parking area lighting | Good | NO | NO | NO | NO | 1 | Replace lighting. |
| | Building flood lights | Fair/age unknown | NO | NO | NO | NO | 3 | Replace lighting. |
| | Exterior door lights | Poor/age unknown | NO | NO | NO | NO | 4 | Replace lighting. |

| lewton Schools Stud | dy - Facility Assessment | | | | |
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| BIGELOW MIDDLE | SCHOOL | | | | |
| 12 VERNON STREET | | | | | |
| | | | | | A. |
| | | | | | |
| BUILDING DATA: | | | | | |
| | | | | , 6 = 1 | |
| | site area: | 2.81 Acres | | | |
| | zoning district: | PUB | | THE REAL PROPERTY. | |
| | building area: | 92,500 gross square feet | | | |
| | number of floors: | 3 | | | 10 |
| | historical status: | None | | The state of the s | |
| | year built: | 1967 | | | |
| | additions/renovations/upgrades: | 1993 (opened as MS) | Street Action | | |
| | assessment value: | n/a | 1 1 m 2 m | | |
| | | | and the state of t | | |
| | | | | | |
| Key to Rating: | | | | | |
| 1 = New or in good condit | tion with ordinary maintenance required | I | | | |
| 2 = Good condition with n | | | | | |
| B = Fair condition with rep | pairs or replacement required | | | | |
| I = Poor condition with re | placement required | | | | |
| | | | | | |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Rating | Comments |
|----------------------|-------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|-------------------------|-----------------------|----------------------|--------|----------------------------------------------------------------------------------------|
| BUILDING EXTERIOR | | | | | | | | |
| Roof systems | Hot-applied rubber flat roof | Active minor leaks reported/ 20 years | NO | NO | NO | NO | 2 | Roofing >20 years old may not meet current codes. |
| Exterior walls | Brick veneer, precast concrete panels/columns and window surrounds | Good/original. Major cracking of veneer noted at corner of Park and Vernon Streets. Spalling, cracking, staining, rebar exposed at concrete. Window sill concrete separating from wall concrete. | NO | NO | NO | NO | 2 | Repair major crack. Repair concrete. Vines should be cut back to avoid masonry damage. |
| Windows | Aluminum-frame storefront system with single-pane glazing. | Poor/original | YES | NO | NO | NO | 4 | Replace with energy code compliant curtainwall system. |
| | Aluminum w/ thermal glazing, fixed and awning type. | Good/1993 | NO | NO | NO | NO | 1 | |
| Doors/hardware | Metal, aluminum, aluminum w/ pebble fiberglass panels | Good/recent-aluminum. Poor/original- steel, rusting. Non accessible hardware. | YES | YES | NO | NO | 3 | Replace doors, provide accessible hardware. |
| Areaways | Concrete retaining walls with steel grates, open steel pipe guardrail w/chain link fence. | Fair/orginal. Broken, spalling concrete; rusting at guardrails/grates | NO | NO | NO | NO | 3 | Patch/repair concrete. Replace rusted railings. |
| Exterior steps/ramps | Concrete walls, steps, stoops and ramps w/ painted steel pipe guardrails | Poor/original w/updates. Spalling, broken, stained, deteriorating concrete. Ongoing settlement and repairs at main stair. Railings rusted and deteriorated. | NO | YES | NO | NO | 4 | Repair/replace concrete and replace guardrails. |
| Structural concerns | Review masonry cracks on NorthW | est corner | I | | | | | |

| | | | Energy | Accessibility | | Other Code | | |
|-------------------------------|---------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------|--------|---------------|--------|------------|--------|----------------------------------------------------------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| BUILDING INTERIOR | | | | | | | | |
| Partitions | Painted CMU, typical; painted plaster walls; exposed brick at entry; wood paneling at cafeteria | Good/original. A portion of door surrounds are non accessible. | NO | YES | NO | NO | 3 | Modify openings to comply with accessibility code. |
| Floors | Carpet, terrazzo, concrete, VCT, VAT, wood, rubber | Poor/various ages, duct tape used on carpet. Good/newer VCT | NO | NO | NO | NO | 3 | Replace carpet at classrooms w/ VCT; abate and replace VAT with VCT. |
| Ceilings | Concrete coffered ceiling, 2x4 ACT, 2x2 ACT, painted plaster, and various acoustic treatments | Good/original and ages unknown | NO | NO | NO | NO | 2 | Replace damaged tiles. |
| Doors/borrowed lights | Wood solid core doors w/ metal frames and w/ wood frames. Shades added to borrowed lights for security. | Poor/original | NO | NO | NO | NO | 4 | Refinish or replace doors. See "Partitions" for accessibility issue. |
| Hardware | | Fair/original, A portion of hardware is non accessible | NO | YES | NO | NO | 3 | Replace w/ accessible hardware & required locking sets. |
| Interior built-in furnishings | Wood built-ins of various configurations | Fair/original | NO | YES | NO | NO | 3 | Replace with accessible casework. |
| Lockers/cubbies | Metal lockers-narrow single-tier, some with boxes above | Fair/orginal, rusting | NO | YES | NO | NO | 3 | |
| Window treatments | Rolling shades, typical | Good/ages unknown | NO | NO | NO | NO | 2 | |
| Toilet rooms | Painted CMU w/ painted plaster above/ceramic tile walls; ceramic tile floors; metal partitions | Good/1993 updates. Not fully accessible. Fair/original-non accessible. New low flow fixtures. | NO | YES | NO | NO | 3 | Update toilet rooms |
| Stairs | Concrete and steel pan; VCT, rubber; wood/metal hand & guardrails | | NO | YES | NO | NO | 2 | Replace railings. |
| Elevator | | Good/1993 | NO | NO | NO | NO | 1 | Remove furniture to provide a clear accessible route. |
| Signage | Various types, no standard | Poor/original. Recent signs are of paper. | NO | YES | NO | NO | 4 | Provide code-compliant signage |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|---------------------|--------------------------------------------------------------------------------|---------------------------------------------------------------------------------------|--------|---------------|-------------|------------|--------|----------------------------------------------------------------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| Gymnasium equipment | Wood athletic floor; wood bleachers; divider wall. | Good/original floor. Fair/original bleachers. Poor/age unknown-operable wall divider. | NO | YES | NO | NO | 3 | Refinish floor, provide new bleachers that are accessible. Replace divider wall. |
| | Painted CMU w/ tectum panels; exposed concrete deck | Good/original | NO | NO | NO | NO | 2 | |
| Locker rooms | Concrete floors and coffered concrete ceilings | Good/original | NO | NO | NO | NO | 2 | |
| | Toilet areas updated w/ ceramic tile floors and walls, metal partitions | Good/1993 | NO | NO | NO | NO | 1 | |
| | Multi-sized metal lockers | Fair/original. Rusting. | NO | YES | NO | NO | 3 | Replace lockers, provide code-compliant lockers/area. |
| | Individual showers at girls; shared shower at boys | Good/1993 -unused. Used for storage. | NO | NO | NO | NO | 1 | |
| Auditorium | Sealed concrete sloped floor, VCT | Good/original; VCT/2011 | NO | NO | NO | NO | 2 | Replace VAT with VCT |
| | Operable wall, splits auditorium into two lecture halls | Unknown if it works/original | NO | NO | NO | NO | 2 | |
| | Wood stage, painted CMU walls, fabric curtains | Good/2011 flooring. Good/newer curtains | NO | YES | NO | NO | 3 | Refinish wood. Design / install accessible route. |
| | Hard, molded plastic seats, 156 seats plus flat floor area for movable seating | Good/1993 | NO | YES | NO | NO | 1 | Provide accessible seating locations |
| | Auditorium lighting, stage track lighting | Fair/1993; Good/ 2011 track lighting | NO | NO | NO | NO | 2 | Update Auditorium lighting |
| | | | | | | | | Update w/ current technology to meet educational standards, incl. accessible |
| Lab Equipment | Wood cabinets w/ resin tops | Good/1993 | NO | YES | NO | NO | 2 | sinks/fixtures |
| Kitchen | Full kitchen | Good/functional | NO | NO | NO | NO | 1 | |
| Code concerns | No visual of front entry creates a se Dampness concerns at basement leads. | • | | | | | | |

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|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|-------------------------------------------------------------|----------------------------------|--------|-------------------------------------------------------------------------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | | | Energy | Accessibility | , | Other Code | | |
| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| BUILDING SYSTEMS | | | | | | | | |
| Heating/ventilation/air conditioning | Steam converted to hot water, by oil. | Original/fair to poor; steam traps replaced. | Boilers inefficient, steam to water inefficient | NO | NO | Noisy unit ventilators interfere with teaching. | 3 | Heating is sporadic, especially bad winter 2007. Maintenance required weekly. Unit ventilator coil freeze-ups. One thermostat for every two classrooms. |
| Air conditioning | Classroom chiller inoperable (at least 3 years). | Inoperable / original | | | | Some interior space | 4 | |
| Plumbing | Piping original, unknown | Original/poor; new low flow fixtures | NO | Accessible fixtures but outdated | | No domestic hot water throughout building. No parts for EWC's. | 4 | One domestic water heater inoperable? Showers not used. |
| Fire Protection | Building not sprinklered, 4 inch fire protection water service, destination unknown. | | | | | | | |
| Electrical Service Equipment | 2500A, 3 phase, 4 wire, 120/208V | Good - 41 years and newer | NO | NO | NO | Tight working clearances | 2-3 | Should be upgraded. |
| Distribution System | Circuit breaker panelboard with conduit and wire feeders. | Good - 41 years and newer | NO | NO | NO | NO | 2-3 | Should be upgraded. |
| Emergency System | 45kW gas indoor and ATS in electric room; serves corridor and stair lighting some kitchen refrig and boilers; Battery emergency lighting in corridors. | Good to Fair - <mark>41</mark> years | NO | NO | NO | Insufficient working clearances; Not 2-hour fire rated room. | 2-3 | Generator should be replaced with Code compliant unit in 2-hour rated room. |

| Multi-zone; mostly ADA compliant; moke detectors in all rooms; master oox. Multiple outside lines. | Good - 8 to 20 years Good - 25 years Good - 15 years and newer; poor | Issues NO NO | NO | NO NO | Mounting height and location of some pull stations NO | 2 | All signals should be changed to ADA compliant. System should be upgraded. |
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| Multiple outside lines. | Good - 25 years | | | NO NO | height and location of some pull stations NO No multiple | | to ADA compliant. |
| Multiple outside lines. | Good - 25 years | | | NO NO | location of some pull stations NO No multiple | | to ADA compliant. |
| Multiple outside lines. | Good - 25 years | | | NO NO | some pull stations NO No multiple | | to ADA compliant. |
| Multiple outside lines. | Good - 25 years | | | NO | NO No multiple | | to ADA compliant. |
| Multiple outside lines. | Good - 25 years | | | NO | NO No multiple | | · |
| · | · | NO | NO | | No multiple | 3 | System should be upgraded. |
| · | · | NO | NO | | No multiple | 3 | System should be upgraded. |
| | Good - 15 years and nower: near | | | | | | |
| round fluorescent; 2x4 recessed | Auditorium lighting. New light control sensors in a portion of teaching areas. | NO | NO | | switches in classrooms. Occupancy sensors in some classrooms, not all working. | 2 | Older energy efficient lamps and electronic ballasts by utility company. Many ballast failures. Auditorium lighting should be upgraded. |
| | | | | | | | Some classrooms need more |
| Generally standard duplex type | Good - 41 years and newer | NO | NO | NO | NO | 2 | receptacles / circuits. |
| Keypads at specific doors; motion letectors in corridors and high value ooms; exterior doors with monitor witches. Notifies UL Central Station. | Fair - Mixed | NO | NO | NO | NO | 2-3 | Systems will need upgrading. |
| Clock/speaker unit with private switch n classrooms; ceiling speakers in corridors; intercom/telephone in offices. | Good - 41 years and newer | NO | NO | NO | NO | 2-3 | Independent sound systems in Auditorium and Gymnasium. System should be upgraded. |
| | Ti yours and newer | 1,40 | 140 | 110 | | 2-0 | o apgradod. |
| corridor and classroom speakers with | Good - New clocks provided as needed. | NO | NO | NO | NO | 2 | |
| Data in classrooms and office areas: | | | | | | | |
| * | Good - 10 years | NO | NO | NO | NO | 2 | |
| V outlets in classrooms, large group areas and main lobby; TV station | Good - 10 years | NO | | | NO | 2 | |
| lu l | enerally standard duplex type eypads at specific doors; motion tectors in corridors and high value oms; exterior doors with monitor vitches. Notifies UL Central Station. ock/speaker unit with private switch classrooms; ceiling speakers in rridors; intercom/telephone in ices. assroom and office battery clocks; rridor and classroom speakers with Il tones ata in classrooms and office areas; me wireless outlets in classrooms, large group eas and main lobby; TV station | teaching areas. Good - 41 years and newer Expands at specific doors; motion tectors in corridors and high value oms; exterior doors with monitor vitches. Notifies UL Central Station. Expected to the cook of | teaching areas. NO enerally standard duplex type Good - 41 years and newer NO expands at specific doors; motion tectors in corridors and high value oms; exterior doors with monitor vitches. Notifies UL Central Station. Fair - Mixed NO ock/speaker unit with private switch classrooms; ceiling speakers in rridors; intercom/telephone in ices. Good - 41 years and newer NO assroom and office battery clocks; rridor and classroom speakers with II tones Good - New clocks provided as needed. NO outlets in classrooms, large group eas and main lobby; TV station | enerally standard duplex type Good - 41 years and newer NO NO NO Pypads at specific doors; motion tectors in corridors and high value oms; exterior doors with monitor itches. Notifies UL Central Station. Fair - Mixed NO NO NO NO NO NO NO NO NO N | penerally standard duplex type Good - 41 years and newer NO NO NO NO NO NO NO NO NO N | teaching areas. NO NO NO Working. Renerally standard duplex type Good - 41 years and newer NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO NO Outlets in classrooms, large group has and main lobby; TV station | teaching areas. NO NO NO Working. 2 Anerally standard duplex type Good - 41 years and newer NO NO NO NO NO 2 Anypads at specific doors; motion tectors in corridors and high value oms; exterior doors with monitor ititches. Notifies UL Central Station. Fair - Mixed NO NO NO NO NO NO 2-3 Cock/speaker unit with private switch classrooms; ceiling speakers in rridors; intercom/telephone in ices. Good - 41 years and newer NO NO NO NO NO NO 2-3 Anypads at specific doors; motion tectors in corridors; and high value oms; exterior doors with monitor. Fair - Mixed NO NO NO NO NO 2-3 Cock/speaker unit with private switch classrooms; ceiling speakers in rridors; intercom/telephone in ices. Good - 41 years and newer NO NO NO NO NO 2-3 Anypads at specific doors; motion tectors; motion tectors in corridors; motion tectors in corridors and high value oms; exterior doors with monitor of the corridors in classroom and office battery clocks; motion and classroom speakers with litones Good - 41 years and newer NO NO NO NO NO 2-3 Anypads at specific doors; motion to corridors and high value oms; exterior doors with monitor of the corridors in classroom and office areas; meeded. NO NO NO NO NO NO NO 2-3 |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Pating | Comments |
|--------------------|------------------------------------------------------------|-----------------------------------------|------------------|-------------------------|-----------------------|----------------------|--------|----------------------------------------------------------------------------------|
| SITE FEATURES | Material | Condition/Age | issues | ISSUES | issues | issues | naling | Comments |
| | | | | | | | | |
| Parking | Bituminous concrete, granite curbs | Pavement - fair/poor, curbs - good/fair | NO | NO | NO | NO | 3 | Replace/resurface |
| | | | | | | | | |
| Sidewalks/ramps | Concrete walk at front | Poor | NO | YES | NO | NO | 4 | Surface condition, replace |
| | Concrete walk at lower parking | Fair | NO | NO | NO | NO | 3 | Needs railing |
| | Concrete walls/steel rails | Fair | NO | NO | NO | NO | 3 | Repair |
| | Concrete walls & stair at front, accessible route from bus | Poor | NO | YES | NO | NO | 4 | Accessible route from bus is through driveway curb cut, sidewalk is in disrepair |
| Fields | None | | | | | | | |
| Plantings | Mature trees, turf at entrance | Fair | NO | NO | NO | NO | 3 | Turf restoration in some areas |
| Courts | None | | | | | | | |
| Courtyard | Concrete sidewalk, wood benches, mature plantings | Good | NO | NO | NO | NO | 2 | |
| Benches/bike racks | None | | | | | | | |
| Fencing | Minimal perimeter - wood | Fair/good | NO | NO | NO | NO | 2 | |
| Lighting | Parking area lighting | None | | | | | | |
| | Building flood lights | Poor/age unknown | NO | NO | NO | NO | 4 | Replace lighting. |
| | Exterior door lights | Poor/age unknown | NO | NO | NO | NO | 4 | Replace lighting. |

| Newton Schools Study | y - Facility Assessment | | | | | | |
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| BROWN MIDDLE SCI | HOOL | | | | | | |
| 125 Meadowbrook Road | | | Way V | | | | |
| | | | | | | | |
| | | | | | | | |
| BUILDING DATA: | | | W. Carlotte | 2/4 | | | |
| | | 0.07.4 | | | | | |
| | site area: | 8.27 Acres | | | | | |
| | zoning district: | PUB | | | | | |
| | building area: | 146,000 gross square feet | | | | | |
| | number of floors: | 2 | Section Sections | | | | |
| | historical status: | None | | | | | |
| | year built: | 1956 | S. A. Allenber and S. | | | | 0.4 |
| | additions/renovations/upgrades: | 1962, 1982, 1997 | | | | - | 800 |
| | assessment value: | n/a | | | | | 4 |
| | | | the state of the s | The state of the s | Alexander of the second of the | A | |
| | | | | | 1 | | |
| Key to Rating: | | | | 1 | | | |
| | on with ordinary maintenance required | | | | | | |
| 2 = Good condition with mi | · | | - | | | | |
| | airs or replacement required | | | | | | |
| 4 = Poor condition with rep | lacement required | | | | | | |
| | | | | | | | |

| | | | Energy | Accessibility | 1. | Other Code | | |
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| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| BUILDING EXTERIOR | | | | | | | | |
| Roof systems | Hot-applied rubber flat roof | No active leaks reported, metal roof edge in good condition/ 24 years | YES | NO | NO | NO | 2 | Roofing > 20 years old may not meet current codes. |
| Exterior walls | Brick veneer, steel window storefront system, stone panels at main entry | Masonry in good condition/original. Overall minor cracks and staining. At north side significant settlement cracks. | NO | NO | NO | NO | 2 | Repair and clean; vines should be cut back to avoid masonry damage. |
| | Brick veneer | Good/1997 | NO | NO | NO | NO | 1 | |
| Windows | Steel-frame storefront system with single-pane glazing, opaque blank-off panels and louvers. Fixed, awning and hopper type. | Poor/original Good/2009 | NO | NO | NO | NO | 1 | Replace with energy code- compliant curtainwall system. Possible return to the multi- colored opaque panels. |
| Williadwa | Aluminum w/ thermal glazing, fixed and awning type. | Good/1997 | NO | | NO | NO | 1 | colored opaque pariele. |
| Doors/hardware | ~100%-aluminum w/ pebble fiberglass panels; 50% steel doors | Aluminum: good/1997, hardware is non accessible. Steel: poor/original, rusting and hardware is non accessible. Good/2009 | NO | YES | NO | NO | 1 | Replace with accessible hardware & auto-open device. Replace old doorswith aluminum doors. |
| Areaways | Concrete retaining walls with painted steel grates, open steel pipe guardrail w/ chain link. | | | NO | NO | NO | 2 | Clean out areaways, fix any inoperable drains, repaint grates and repair chain link fencing. |
| Exterior steps/ramps | Concrete ramps w/ painted steel pipe guardrails | Fair/original and 1997 - concrete is spalling and guardrails are rusted. | NO | YES | NO | NO | 3 | Repair concrete and replace or scrape/paint guardrails. |
| Canopies @ exterior doors | Flat roofed, metal edge, plaster soffit. Main entry w/ brick piers. | Main entry-good/1997; elsewhere canopies have been removed or are damaged. | NO | NO | NO | NO | 3 | Repair damaged canopy; properly seal where canopies have been removed. |
| Structural concerns | Review foundation/masonry cracks Replacement of window walls may to the second secon | on NorthEast corner at girl's locker roc t rigger seismic structural upgrades. I | om. | | | | | |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|-------------------------------|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------------|-------------|------------|--------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| | Material | Condition/Age | Issues | | Issues | Issues | Rating | Comments |
| BUILDING INTERIOR | | | | | | | | |
| Partitions | Glazed CMU w/ painted plaster above @ corridors; painted plaster walls, typical; some painted CMU | Good/original. Most classroom entries are non accessible. | NO | YES | NO | NO | 3 | Modify openings to comply with accessibility code. |
| | Painted gypsum wallboard w/ vinyl base, typical | Good/1997 | NO | NO | NO | NO | 1 | |
| Floors | Terrazzo, concrete, VCT, VAT, carpet, wood | Various conditions and ages. Majority of 2nd floor flooring replaced (4 CRs, a prep room, and top of stairs remain VAT); 6 CRs at 1st floor remain VAT; little carpeting remains. | NO | NO | NO | NO | 2 | Replace carpet at classrooms w/ VCT; abate and replace VAT with VCT. Repair/provide transition strips at corridor transitions, multiple locations. |
| Ceilings | 2x4 ACT, 2x2 ACT, plaster, and various acoustic treatments | Good to fair. Older ceilings have sagging/stained tiles, painted plaster ceilings are peeling. | NO | NO | NO | NO | 2 | Replace damage tiles. Provide consist ceiling treatment in classrooms. |
| Doors/borrowed lights | Wood solid core doors w/ metal frames and w/ wood frames; shades added at borrowed lights for security | Poor/original; good/1997 | NO | NO | NO | NO | 4 | Refinish or replace doors. See "Partitions" for accessibility issue. |
| Hardware | | Fair/original | NO | YES | NO | NO | 3 | Replace w/ accessible hardware & required locking sets. |
| Interior built-in furnishings | Wood built-ins of various configurations | Poor/original | NO | YES | NO | NO | 4 | Replace w/ plastic laminate shelves and counters. |
| Lockers/cubbies | Steel, 12" x 60" for 1 students | Poor/original. Rusting, damaged, and ~25% inoperable. Good/new | NO | NO | NO | NO | 1 | Replace. |
| Window treatments | Various: vertical & horizontal blinds, and shades | Fair/older versions | NO | NO | NO | NO | 2 | Replace/upgrade to provide consistent light control. |
| Toilet rooms | Glazed CMU walls w/ painted plaster above; ceramic tile floors | Fair/original with some updated fixtures. New low flow fixtures. Staff toilets are non accessible and student toilets are not fully accessible. Poor ventilation at Men's T by Admin. | NO | YES | NO | NO | 2 | Update fixtures. Make fully accessible; improve ventilation at Men's T by Admin. |
| Stairs | Steel pan; wood/metal hand & guardrails | Good/original. Railings are non accessible. Metal pan rusting at open stairwell. | NO | YES | NO | NO | 2 | Replace railings. |

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|---------------------|---------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------|-------------------------|-----------------------|----------------------|----------------|------------------------------------------------------------------------------|
| Elevator | | Fair/original. Undersized and remotely located. | NO | YES | NO | NO | 3 | Provide new elevator near main lobby. |
| Signage | Various types, no standard | Poor/original. Recent signs are of paper. | NO | YES | NO | NO | 4 | Provide code-compliant signage |
| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Rating | Comments |
| Gymnasium equipment | Wood athletic floor; wood bleachers, divider curtains, aluminum bball backstops | Good/new floor. Fair/original bleachers. New divider curtains and recent backstops. | NO | YES | NO | NO | 1 and 3 | Refinish floor, provide new bleachers that are accessible. |
| Locker rooms | Concrete and ceramic tile floors | Fair/original. Some cracking and curbs are inaccessible. | NO | YES | NO | NO | 3 | Repair and eliminate curbs to make accessible. |
| | Metal partitions | Fair/original. Unused/no curtains | NO | NO | NO | NO | 1 | Unused space, may be reprogrammed. |
| | Multi-sized metal lockers | Fair/original. Some rusting. | NO | YES | NO | NO | 3 | Replace lockers, provide code-compliant lockers/area. |
| | Individual marble showers at girls; shared ceramic tile shower at boys | Fair/original. Unused. Used for storage at girls. | NO | YES | NO | NO | 1 | Unused space, may be reprogrammed. |
| Auditorium | Sealed concrete floor | Good/original | NO | NO | NO | NO | 1 | Repair any minor cracks |
| | Wood stage/steps; metal pipe painted handrails | Fair/original | NO | YES | NO | NO | 3 | Refinish wood. Replace railings. |
| | Wood/fabric auditorium seating, seats 600 | Poor/original; | NO | YES | NO | NO | 4 | Replace, provide required accessible seating. |
| | Lighting by flourescent tubes at perimeter; stage lighting | Poor/original not used; Poor/recent. New 2-phase switching lighting. | NO | NO | NO | NO | 1 and 4 | Update lighting; provide current technology for stage lighting |
| Lab Equipment | Wood cabinets w/ laminate tops, some resin tops | Fair/original | NO | YES | NO | NO | 3 | Update w/ current technology to meet educational standards, incl. accessible |
| Lab Equipment | • | Fair/original Good/some recent. New sinks and | | | | | | sinks/fixtures |
| Kitchen | Full kitchen | stove. | NO | NO | NO | NO | 1 | |
| Code concerns | 1. No visual of front entry creates a se | ecurity risk. | | | | | | |

| | | | Energy | Accessibility | Lifo Safoty | Other Code | | |
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| | Material | Condition/Age | Issues | | Issues | | Rating | Comments |
| BUILDING SYSTEMS | | , and the second | | | | | | |
| Heating/ventilation/air conditioning | Steam by oil w/UV's AC in Offices and head end | Very poor/original, 55 years; 2 boilers/1996; recent work: steam traps replaced and DDC conversion from pneumatic | Boilers inefficient | NO | NO | Ventilation suspect in some areas | 4+ | The H&V system is well past its normal useful life and appears to effect the educational process |
| Plumbing | Assumed copper with lead solder and cast iron | poor/ original - 55 years | NO | A few fixtures marginally accessible | NO | Fixtures not water conserving | 4 | Systems are at the end of their normal useful life |
| Fire Protection | None | | | | | | | |
| Electrical Service Equipment | 800A, 3 phase, 4 wire, 120/208V. | Good/some new in 1985, 26 years and older | NO | NO | NO | Tight working clearances | 2-3 | |
| Distribution System | Circuit breaker panelboard with conduit and wire feeders. | Good/some new in 1985, 26 years and older | NO | NO | NO | NO | 2-3 | |
| Emergency System | Exterior generator; Auto transfer switch in main electric room. | Good/1997 - 14 years | NO | NO | NO | No separation of life safety lighting system. | 2 | Facility used as storm shelter. |
| Fire Alarm System | Multi-zone; not ADA compliant; smoke detectors in corridors and classrooms of 1985 addition; master box. | Good to fair - 35 years | NO | NO | NO | A/V signals not all ADA; Mounting height and locations of some pull stations. | 2-3 | All A/V signals need to be ADA; some pull stations should be relocated. |
| | | Journal of Journal | | | | | | 0.100.100.100.100.100.100.100.100.100.1 |
| Telephone System | Multiple outside lines. | Good - 10-15 years | NO | NO | NO | NO | 2 | |
| Lighting System | Generally: 2x4 recessed fluorescent; 2x2 recessed fluorescent; wrap around suspended fluorescent | Good to Fair - 25 years and older; some energy efficient lamps and electronic ballasts by utility company. New light control sensors in most teaching areas. | NO | NO | NO | NO | 2 | |
| Receptacles | Generally standard duplex type | Good - 10-15 years | NO | NO | NO | NO | 2 | Additional receptacle/circuits needed in classrooms and office areas. |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Rating | Comments |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|------------------|----------------------|-----------------------|----------------------|--------|----------------------------------------------|
| Security System | Control panel in main electrical room; keypads at specific doors; motion detectors in corridors; some exterior doors with monitor switches. Notifies UL Central Station. | | NO | NO | NO | NO | 3 | Systems need upgrading. |
| Sound/Intercom System | Dial phone and speaker and private switch in classrooms; ceiling speakers in corridors. | Good - 10 years | NO | NO | NO | NO | 2 | Independent sound system in Auditorium |
| Clock/Program Bell System | Classroom and office battery clocks; corridor and classroom speakers with bell tones | | NO | NO | NO | NO | 2 | |
| Information Technology System | Data in classrooms and office areas | Good - 10 years | NO | NO | NO | NO | 2 | Additional data outlets needed in classrooms |
| Cablevision System | TV outlets in classrooms, large group areas and main lobby | | NO | NO | NO | NO | 2 | |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|--------------------|----------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------|--------|---------------|-------------|------------|--------|--------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | | Rating | Comments |
| SITE FEATURES | | | | | | | | |
| Parking | Bituminous concrete large parking area across street, smaller area at side of school | Average condition, crossing area not marked | NO | YES | YES | NO | 3 | Repair/reconfiguration |
| Sidewalks/ramps | Concrete; bituminous concrete at terrace | Fair/poor - settling. Ramp at main entrance: railing and ramp not to code, terrace deteriorating and entrance is not accessible | NO | YES | YES | NO | 3 | Reconstruction |
| Fields | Soccer/football/track used by school | Good | NO | YES | NO | NO | 2 | Provide accessible route |
| Plantings | Attractive mature plantings, lawns at building | | NO | NO | NO | NO | | |
| Courts | None | | | | | | | |
| Courtyard | Concrete sidewalks, wood trellis, plantings | Good | NO | NO | NO | NO | 1 | |
| Benches/bike racks | In front of school and by play area | Good | NO | NO | NO | NO | 1 | |
| Fencing | None | | | | | | | |
| Lighting | Building mounted and pole mounted parking/roadway lighting; Entrance doorway lighting. | Good - 25 years | | | | | 1 | |

| Newton Schools Stu | dy - Facility Assessment | | | | |
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| DAY MIDDLE SCHO | OOL | | | | |
| 21 MINOT PLACE | | | | | |
| | | | | | |
| BUILDING DATA: | | | | | |
| | site area: | 8.57 Acres | Zina) | | |
| | zoning district: | PUB | · Star | | 200 |
| | building area: | 145,600 gross square feet | | | |
| | number of floors: | 3 | | | |
| | historical status: | None | | | |
| | year built: | 1971 | | CONSTRUCTION OF THE PARTY OF TH | |
| | additions/renovations/upgrades: | 1997 | | | |
| | assessment value: | n/a | | | |
| | assessment value. | 1170 | | | |
| | | | F | | |
| Key to Rating: | | | | | |
| | tion with ordinary maintenance required | | | 20 | |
| 2 = Good condition with r | | | | | |
| | pairs or replacement required | | | | |
| = Poor condition with re | | | | | |
| | | | | | |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Rating | Comments |
|---------------------------|------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------|------------------|-------------------------|-----------------------|----------------------|--------|---------------------------------------------------------------------------|
| BUILDING EXTERIOR | | Ü | | | | | | |
| Roof systems | Hot-applied rubber flat roof typical w/ sloping Sarnofil roof at Auditorium | Active leaks reported at skylights; metal roof edge in good condition/ 18 years | NO | NO | NO | NO | 3 | Repair/reflash at skylights |
| Exterior walls | Brick veneer | Good. Minor cracks and staining at masonry, rusting lintels/original | NO | NO | NO | NO | 1 | |
| Windows | Storefront systems in stairways - steel-frame, single-pane glazing and solid panels | Fair/original; metals panels are dented | YES | NO | NO | NO | 3 | Replace single glazed storefront. |
| | Aluminum w/ thermal break and thermal glazing, fixed & operable awnings; aluminum louvers | Good/original, Good/1997 | NO | NO | NO | NO | 1 | Operable awning windows are very small/insufficient. |
| Doors/hardware | 50% aluminum w/ pebble fiberglass panels; 50% metal doors | Good newer doors, hardware is non accessible. Poor/original; weatherstripping has been replaced. | YES | YES | NO | NO | 3 | Replace doors; provide accessible hardware & autoopen device as required. |
| Areaways | None | | | | | | | |
| Exterior steps/stoops | Concrete steps w/ steel pipe guardrails; concrete stoops | Good/original; guardrails rusted and not code compliant | NO | YES | NO | NO | 3 | Replace guard rail/handrails |
| Canopies @ exterior doors | Flat roof, metal roof edge and metal panel soffit/surround. Flag entrance w/ brick piers and exposed steel | Good/original. Rusting at exposed steel | NO | NO | NO | NO | 1 | |
| Arcade | Concrete slab, brick arched colonade | Good/original | NO | NO | NO | NO | 1 | Note: not used, does not lead to any entrance |
| Structural concerns | None. | | | | | | | |

| | | T | Energy | Accessibility | Life Safety | Other Code | | |
|-------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|----------|---------------|-------------|------------|--------|------------------------------------------------------------------------------------------------------|
| | Material | Condition/Age | Issues | | Issues | Issues | Rating | Comments |
| BUILDING INTERIOR | | | | | | | | |
| Partitions | Painted CMU, pre-fab metal panels at corridors; exposed brick at entry and stairs; painted CMU, pre-fab metal panels, plaster and gypsum walls, typ. | Good/original; ~15% inaccessible door openings | NO | YES | NO | NO | 3 | Modify openings to comply with accessibility codes |
| Floors | Carpet, typical; VCT at science; wood at shop/art | Good typical/1997; worn at Admin. | NO | NO | NO | NO | 3 | Replace carpet w/ VCT. Refinish wood floors. |
| Ceilings | 2x4 ACT coffered at lights; 1x1 ACT | Poor/original; sagging, stained, missing tiles; system no longer manufactured. | NO | NO | NO | NO | 4 | Replace ceiling. |
| | 2x4 ACT, 2x2 ACT | Good/1997 | NO | NO | NO | NO | 1 | |
| Doors/borrowed lights | Painted wood solid core doors w/ wire glass in painted metal frames. Shades added to borrowed lights for security. | Good/original; some toilet room doors are sized too small | NO | YES | NO | NO | 2 | Replace/upgrade doors as necessary and to meet code. Also, see "Partitions" for accessibility issue. |
| Hardware | | Good/original; does not meet accessibility code | NO | YES | NO | NO | 3 | Replace w/ accessible hardware & required locking sets. |
| Interior built-in furnishings | Science casework: laminated plywood, painted in most location; resin tops | Poor/original; deteriorating cabinets | NO | YES | NO | NO | 4 | Replace casework to include accessible hardware/sinks/fixtures. |
| Lockers/cubbies | Metal, double-tier, typ; "hand-me-down" mix of other metal type lockers | Fair/originalsome rusting. Poor/"hand-me-down" lockers. ~100 replaced and 50 added new lockers in 2011 Good/1997 | NO NO | | NO NO | NO NO | 3 | Replace with metal double tier 15" x 30" or 12" x 60" if space allows. |
| Window treatments | Rolling shades, typ. | | NO | INO | NO | NO | | |
| Toilet rooms | Adult/Student: ceramic tile walls and floors (a few poured epoxy floors); metal partitions; new low flow fixtures in 2011 | | NO | YES | NO | NO | 3 | Replace/upgrade toilet rooms |
| Stairs | Terrazzo treads and landings; wood/metal hand & guardrails | Good/original. Railings are non accessible. Stair at "Flag Pole" entry is in fair condition; is worn and cracking; with concrete patches | NO | YES | NO | NO | 2 | Replace railings. |
| Elevator | | Good/original | NO | NO | NO | NO | 1 | |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | | Other Code Issues | Rating | Comments |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------|------------------|-------------------------|-----------|----------------------|--------|--------------------------------------------------------------------------------------|
| Signage | Plastic plaques on doors w/ room numbers only | Fair/original; do not comply with accessibility code | NO | YES | NO | NO | 3 | Replace signage to include braille |
| Gymnasium | Wood athletic floor and bleachers | Good/original | NO | YES | NO | NO | 2 | Provide accessible seating at bleachers |
| | Wood paneling w/ CMU above | Good/original | NO | NO | NO | NO | 1 | |
| | Newer wood backstops and divider curtains | Good | NO | NO | NO | NO | 1 | |
| Multi-purpose room | Wood athletic floor; concrete steps and ramp w/ surface treatment | Good/original | NO | NO | NO | NO | 1 | |
| Locker rooms | Painted CMU walls | Good/original | NO | NO | NO | NO | 2 | Paint walls |
| | Concrete and ceramic tile floors | Fair/original Broken/damaged tiles; missing tile base | NO | NO | NO | NO | 3 | Patch/repair flooring |
| | Metal partitions | Fair/original | NO | YES | NO | NO | 3 | Replace partitions, provide accessible locations. |
| | Multi-sized metal lockers | Poor/original. Rusted, deteriorating | NO | YES | NO | NO | 4 | Replace lockers, provide accessible lockers. |
| Auditorium | Painted concrete floor w/ carpet at | Cood/original | NO | NO | NO | NO | 1 | Note: auditorium is not accessible from corridor |
| Additorium | wood stage/steps; fabric curtains | Good/original Fair/original. Deteriorating curtains | NO | | | NO | 2 | Refinish wood floor. Replace curtains. Note: stage is not accessible from auditorium |
| | Painted plaster walls; operable wall | Good/original. Operable wall is not usedunsure if it works. | NO | NO | NO | NO | 1 | |
| | Painted plaster ceiling with hung wood slat ceiling system | Good/original. Water damaged ceiling | NO | NO | NO | NO | 1 | Repair and paint ceiling |
| | Metal/fabric seats; seats 295 | Good/original; some broken, "lumpy" cushions | NO | YES | NO | NO | 2 | Provide accessible seating. |
| Kitchen | Full kitchen | Good/functional | NO | NO | NO | NO | 1 | |
| Cafeteria | Linoleum floor; painted plaster walls | Good | NO | NO | NO | NO | 1 | Note: 5 lunches |
| Overall concerns | Poor site and building entry sequen No visual security at main entryad No vestibule at main entry. 22 teaching spaces with no windo Dampness issues may cause healt | ws. | site circulation | n is unsafe to | navigate. | | | |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|--------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------|-----------------------|-------------------|-------------------------------------------------------------------------------------------------|--------|----------------------------------------------------------------------------------------------------|
| | Material | Condition/Age | Issues | - | Issues | | Rating | Comments |
| BUILDING SYSTEMS | | | | | | | | |
| Heating/ventilation/air conditioning | Hot water gas, package rooftop air conditioning/ ventilation. AC CR's and offices only. | Very poor - original; steam traps replaced | Inefficient reheat system. Poor design. | NO | NO | Ventilation issues in areas. Noise issues | 3-4 | Attention of Head Custodian keeps school going. Zoned vertically. Constant control of adjustments. |
| Plumbing | Piping original, unknown | Fair - original | NO | Limited accessibility | NO | Water conservatio n | 3 | Replaced all buried piping due to building settling. Hot water unreliable. |
| Fire Protection | Standpipe system | Fair - original | NO | | Remove fire hose. | NO | 2 | Old unusable first aid type FDV's. |
| Electrical Service Equipment | 2000A, 3 phase, 4 wire, 277/480V. | Good - original and newer | NO | NO | NO | Tight working clearances | 2-3 | Some new in 1997 |
| Distribution System | Circuit breaker panelboard with conduit and wire feeders. | Good - original and newer | NO | NO | NO | NO | 2-3 | Some new in 1997 |
| Emergency System | 85kW gas indoor and ATS in boiler room. | Good - original | NO | NO | NO | No separation of life safety, lighting system. | 2 | |
| Fire Alarm System | Multi-zone; not ADA compliant except new areas; smoke detectors in corridors, stairs and some classrooms; master box. | Good to fair - original | NO | NO | NO | A/V signals not all ADA; Mounting height and locations of some pull stations. | 2-3 | All A/V signals need to be ADA; some pull stations should be relocated. |
| Telephone System | Multiple outside lines. | Good - 8 years | NO | NO | NO | NO | 2 | New in 2003. |
| Lighting System | Generally: Coffered surface wrap around fluorescent; some 2x2 recessed fluorescent | Fair in original building areas; Good in renovated areas; original and newer. New light control sensors in some areas. | NO | NO | NO | No multiple switches in classrooms. | 2 | New energy efficient lamps and electronic ballasts by utility company. |
| Receptacles | Generally standard duplex type | Good - original and newer | NO | NO | NO | NO | 2 | |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | | Other Code Issues | Rating | Comments |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------|------------------|----------------------|----|----------------------|--------|----------------------------------------------|
| Security System | Keypads at specific doors; motion detectors in corridors and Computer Room; exterior doors with monitor switches. Notifies UL Central Station. | Fair - Mixed | NO | NO | NO | NO | 2-3 | Systems will need upgrading. |
| Door Bell System | Push button at back door; bell in corridor | Good - original | NO | NO | NO | NO | 2-3 | |
| Sound/Intercom System | classrooms; ceiling speakers in corridors; exterior flush wall mounted speakers. | Good - 10 years | NO | NO | NO | NO | 2 | Independent sound system in Auditorium |
| Clock/Program Bell System | Classroom and office battery clocks; corridor and classroom speakers with bell tones | Good - New clocks provided as needed. | NO | NO | NO | NO | 2 | |
| Information Technology System | Data in classrooms and office areas | Good - 10 years | NO | NO | NO | NO | 2 | Additional data outlets needed in classrooms |
| Cablevision System | TV outlets in classrooms, large group areas and main lobby; TV station within facility. | Good - 10 years | | | | | 2 | |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Rating | Comments |
|--------------------|------------------------------------------------------------|-----------------------------------------------------------------|------------------|-------------------------|-----------------------|----------------------|------------|--------------------------------------------------------------|
| SITE FEATURES | | | | | | | | |
| Parking | Bituminous concrete drive and parking around building | Good, non compliant curb ramp from parking to building entrance | NO | YES | NO | NO | 1 and 2 | Reconstruct curb ramp |
| Sidewalks/ramps | Concrete path to main entrance | Fair/poor | NO | NO | NO | NO | 3 | Reconstruct, stair rails non- compliant |
| Fields | Turf fields at adjacent park | Good | NO | YES | NO | NO | 1 | Curb cut needed on path to fields, access path crosses drive |
| Courtyard | Bituminous concrete; concrete planter bed curbs; plantings | Good | NO | NO | NO | NO | 1 | |
| Plantings | Mature Plantings | Good | NO | NO | NO | NO | 1 | |
| Courts | Bituminous concrete adjacent park | Good | NO | YES | NO | NO | 2 | Curb cut needed on path to recreational facilities |
| Benches/bike racks | None | | | | | | | |
| Fencing | Wire mesh, steel fencing perimeter | Poor | NO | NO | NO | NO | 4 | |
| Lighting | Parking area lighting | On utility poles | NO | NO | NO | NO | 1 | |
| | Building flood lights | Fair/age unknown | NO | NO | NO | NO | 3 | Replace lighting. |
| | Exterior door lights | Poor/original. Most do not work. | NO | NO | NO | NO | 4 | Replace lighting. |

| Newton Schools Stud | dy - Facility Assessment | | | | | |
|--------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|--|----------------------|-----------|-----|
| OAK HILL MIDDLE S 130 WHEELER ROAD | SCHOOL | | | | Van de se | |
| BUILDING DATA: | | | | | | |
| | site area: zoning district: building area: number of floors: historical status: year built: additions/renovations/upgrades: assessment value: | 8.04 acres PUB 96,000 gross square feet 3 None 1936 1960, 1997 (opened as MS) 2010 - modular addition n/a | | X HILL MIDDLE SCHOOL | | |
| 2 = Good condition with r | ition with ordinary maintenance required minor repairs required | | | | ne- | 7 3 |
| 3 = Fair condition with rep 4 = Poor condition with re | pairs or replacement required eplacement required | | | | | |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|----------------------|-----------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|--------|---------------|-------------|------------|--------|----------------------------------------------------------------------------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| BUILDING EXTERIOR | | | | | | | | |
| Roof systems | Pitched roof, 1936 slate at main façade, 1997 asphalt shingles; wood cupola with weathervane | No active leaks reported/ 14 years; painted wood eaves peeling; insulation added in attic of 1936 bldg | NO | NO | NO | NO | 1 | |
| | Flat roof | Good/1997 | NO | NO | NO | NO | 1 | |
| Exterior walls | Load bearing masonry/painted wood sills and detailing/stone detailing. | Good/original; wood trim peeling | NO | NO | NO | NO | 1 | Scrape, paint wood trim |
| | Brick veneer with concrete details | Good/1997; north side shows moisture staining and some spawling on masonry | NO | NO | NO | NO | 1 | Vines growing on downspouts should be removed to avoid damage; clean/repair masonry |
| Windows | Aluminum replacement windows w/ thermal glazing, single-hung, fixed and awning types; metal louvers | Good/1997; Fair/original-louvers | NO | NO | NO | NO | 2 | Scrape and repair/paint wood sills and wood frames. Reseal. Replace louvers |
| Doors/hardware | White aluminum panelled doors w/ glazing in metal frames | Good/1997; Fair/original frames- peeling. Hardware is accessible. Missing thresholds. | YES | NO | NO | NO | 2 | Repair/replace original frames. Provide thresholds. |
| Areaways | Concrete retaining walls with galvanized steel grates. | Fair/original-concrete, cracked, deteriorating. Good/newer-grates | NO | NO | NO | NO | 2-3 | Repair concrete. Install/attach loose grate at left front side of bldg. |
| Exterior steps/ramps | 1 | Good/original and 1997. Rusted original metal guardrails | NO | NO | NO | NO | 2 | Scrape and paint guard/handrails |
| Canopy @ main entry | Pitched roofed, concrete edge, metal | Good/1997; metal soffit is dinged/dented | NO | NO | NO | NO | 2 | |
| Structural concerns | None. | | 1 | | | | | |

| | | | Energy | Accessibility | _ | Other Code | D .: | |
|-------------------------------|--------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------|---------------|--------|------------|--------|-------------------------------------------------------------------------------------------------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| BUILDING INTERIOR | | | | | | | | |
| Partitions | Glazed CMU w/ painted plaster above @ corridors; painted plaster walls, typical; painted CMU and concrete | Good/original. Columns at band room damaged. Water damage at nurse's suite. Damaged plaster wall at East stair in 1936 bldg. | NO | NO | NO | NO | 2 | Repair damaged corners/walls. Consider adding corner guards to columns. |
| | Painted gypsum wallboard w/ vinyl base, typical | Good/1997-heavily marked up in high traffic areas | NO | NO | NO | NO | 2 | Paint/repair corridor walls. Consider installing tile over gypsum for easier maintenance and improved appearance. |
| Floors | Carpet, VCT, quarry tile | Good/1997, some carpet worn/frayed at seams, stained; no transition strips between floor materials. Minimal carpet remaining. Settlement issues btwn QT & VCT and at toilet room doorways in 1936 bldg. | | NO | NO | NO | 1 | Replace carpet w/ VCT; provide transition strips. Replace Library carpet. Resolve settlement issues. |
| Ceilings | 2x4 ACT, 2x2 ACT, painted plaster | Good/1997 Stained tiles throughout. Minimal stained tiles remaining. | NO | NO | NO | NO | 1 | Replace damage/stained tiles (Library, Teacher's Café). |
| Doors/borrowed lights | Wood solid core doors w/ metal frames and w/ wood frames; shades added at borrowed lights for security | Good/original-wood; Good/1997 | NO | NO | NO | NO | 2 | |
| Hardware | | Good/1997 some inaccessible hardware | NO | YES | NO | NO | 2 | Replace inaccessible hardware. |
| Interior built-in furnishings | Wood built-ins of various configurations | Good/original and 1997 | NO | YES | NO | NO | 1 | |
| Lockers/cubbies | Metal, double-tier lockers, 15" and metal, single-tiered lockers, 12" | Good/1997; Poor older lockers that were relocated here from elsewhere | NO | YES | NO | NO | 2 | Replace old locker with new. |
| Window treatments | Rolling shades, typical | Good/1997 | NO | NO | NO | NO | 1 | |
| Toilet rooms | Ceramic tile wainscot w/ painted plaster above; ceramic tile floors; metal partitions | Good/1997, facilities are accessible; rusting at lower edge of partitions, typical at sink areas; mirrors are deteriorating; new low flow fixtures | NO | NO | NO | NO | 2 | Replace rusting partitions and deteriorating mirrors. |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|--------|---------------|-------------|------------|--------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| Stairs | Poured terrazzo, metal pan stair; metal hand & guardrails w/ original wood cap; glazed CMU w/ painted plaster above, 2x2 tectum ceiling | Good/original, worn surfaces w/ 1997 updates | NO | NO | NO | NO | 1 | |
| | Concrete metal pan construction with rubber treads/risers; painted metal pipe hand & guardrails | Fair/1997, surfaces are worn at high traffic stairs; rusting rails | NO | NO | NO | NO | 3 | Resurface treads/risers, replace yellow stripe; paint hand and guardrails. Consider installing tile over gypsum for easier maintenance and improved appearance. |
| Elevator | | Good/1997 | NO | NO | NO | NO | 1 | |
| Signage | Plastic plaques | Good/1997; directional signage in paper. | NO | NO | NO | NO | 2 | Provide permanent directional signage. |
| Gymnasium | Wood athletic floor; wood bleachers, divider curtains, aluminum backstops; painted CMU walls and exposed acoustic deck | Good/1997 | NO | NO | NO | NO | 1 | |
| Locker rooms | Painted CMU walls, quarry tile floors, 2x2 ACT | Good/1997-entry doors are not code compliant | NO | YES | NO | NO | 2 | Change door hinge/swing direction. |
| | Metal partitions | Good/1997 | NO | NO | NO | NO | 1 | |
| | Multi-sized metal lockers | Good/1997 | NO | NO | NO | NO | 1 | |
| | Ceramic tile, individual showers, open on two sides, no curtains | Good/1997 | NO | NO | NO | NO | 1 | |
| Auditorium | Sealed concrete floor with carpet aisles; painted CMU walls; hanging wood-framed acoustic panels | Good/1997 | NO | NO | NO | NO | 1 | |
| | Wood stage/steps; metal pipe painted handrails; fabric curtains | Fair/1997-wood floor; Good/1997- curtains. Loud lighting equipment panels on stage. | NO | NO | NO | NO | 3 | Refinish wood floor. Relocate equipment. |
| | Metal and fabric seating, 315 seats | Good/1997 | NO | NO | NO | NO | 1 | |
| Lab Equipment | Wood cabinets w/ resin tops | Good/1997 | NO | NO | NO | NO | 2 | Note: no water to shower head, no duct connected to fume hood. Science program no longer requires shower heads or fume hoods. |

| | Material | | | Accessibility Issues | - | Other Code Issues | | Comments |
|---------------|--------------------------------------------------------|--------------------------------------|----|-------------------------|----|----------------------|---|----------|
| | | | | | | | | |
| Kitchen | Full kitchen | Good/1997, functional | NO | NO | NO | NO | 1 | |
| | | | | | | | | |
| Code concerns | Flooding at occupied basement leve | el may cause potential health risks. | | | | | | |
| | Four classrooms plus corridor and connecting corridor. | | NO | NO | NO | NO | 1 | |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|---------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|---------------------|-------------|--------------------------------------------------------------------------------------|--------|------------------------------------------------------------------------------------------------------------------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | | Rating | Comments |
| BUILDING SYSTEMS | | | | | | | | |
| | Hot water by oil, Classroom unit ventilators. AC for Library, offices, Health. Computer Room, and Auditorium. | Good - 1997; New boiler 2008 and steam traps replaced | Boilers- inefficient- NO | NO | NO | NO | 1 | One operable boiler, second- boiler installation was halted? Can't fully heat school with- only one boiler. DDC controls. |
| Plumbing | Original piping in original building unknown? | Good - 1997 | NO | Some accessibility. | NO | NO | 2 | Water issues in boiler room. |
| Fire Protection | Sprinkler and standpipe system. | Good - 1997 | | | | Dry system serves occupied | 2 | |
| Electrical Service Equipment | 2,000A. 3 phase, 4 wire, 277/480V | Good - less than 15 years | NO | NO | NO | Tight working clearances | 1 | |
| Distribution System | Circuit breaker panelboards with conduit and wire feeders. | Good - less than 15 years | NO | NO | NO | NO | 1 | |
| Emergency System | 300kW (approximate) exterior diesel generator serves corridor and stair lighting, boilers, air compressors, elevator and kitchen equipment; two automatic transfer switches. | Good - less than 15 years | NO | NO | NO | Very wet 2- hour fire rated room for life safety system equipment. | 2 | Wet condition in life safety emergency room needs immediate attention. |
| Fire Alarm System | Multi-zone: ADA compliant; auditorium, gymnasium and corridor smoke detectors and door holders; exterior master box. | Good - less than 15 years | NO | NO | NO | NO | 1 | |
| Telephone System | Multiple outside lines. | Good - 2 years | NO | NO | NO | NO | 1 | |
| Lighting System | Generally 2x2 and 2x4 recessed prismatic and parabolic fluorescent. | Good - less than 10 years; some energy efficient lamps and electronic ballasts by utility company. New light control sensors in most teaching areas. | NO | NO | NO | NO | 1 | |
| Receptacles | Generally standard duplex type. | Good - less than 15 years | NO | NO | NO | NO | 1 | Additional receptacles/circuits needed in corridors |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | | Other Code Issues | Rating | Comments |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|------------------|-------------------------|----|----------------------|--------|----------------------------------------------------|
| Security System | Keypads at specific doors; Motion detectors in corridors and stairs; Interior and exterior signals; Notifies UL Central Station. | Good - less than 15 years | NO | NO | NO | NO | 1 | |
| Sound/Intercom System | Dial phones and clock/speaker units in classrooms and offices; corridor speakers and exterior speakers; Independent Gym system. No independent systems in Auditorium and Cafeteria. | Good - less than 15 years | NO | NO | NO | NO | 1 | |
| Clock/Program Bell System | Classroom and Office clocks operate on controller in Admin. Office. Corridor speakers with bell tone. | Good - less than 15 years. 95% system clocks, 5% battery clocks. | NO | NO | NO | NO | 1 | |
| Information Technology System | Data in classrooms and office areas. | Good - less than 15 years | NO | NO | NO | NO | 1 | Additional data outlets needed in some classrooms. |
| Cablevision System | Outlets in classrooms, some offices and corridors. | Good - less than 15 years | NO | NO | NO | NO | 1 | |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|--------------------|--------------------------------------------------------------------|---------------------------------------------|--------|---------------|-------------|------------|------------|---------------------------------------------------------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| SITE FEATURES | | | | | | | | |
| | Bituminous concrete parking area across street, bit conc drive and | | | | | | | |
| Parking | parking w/ concrete curb at school | Fair | NO | NO | NO | NO | 3 | Repair/resurface |
| Sidewalks/ramps | Concrete and bituminous concrete at main entrance | Bituminous concrete - fair, concrete - poor | NO | YES | NO | NO | 3 | Cross pitch on concrete is access issue, repair bit conc, repave concrete |
| | Concrete outside of drive | Good/fair | NO | NO | NO | NO | 2 | |
| | Bituminous concrete on side of school | Fair | NO | NO | NO | NO | 3 | Repair |
| Fields | Turf and skinned baseline - baseball, soccer | Fair | NO | YES | NO | NO | 3 | Turf restoration, needs accessible route to field |
| Plantings | Mature plantings at school front, turf | Plantings - fair/good, turf - fair/poor | NO | NO | NO | NO | 2 and 3 | Turf is severely compacted - turf restoration/replacement is needed |
| Courts | None | | | | | | | |
| Benches/bike racks | Recycleables/steel benches and metal bike rack at front and side | Good/fair | NO | NO | NO | NO | 2 | |
| Fencing | CLF at field and entrance, steel swing gate | Fair | NO | NO | NO | NO | 2 and 3 | Repair /replace sections along street, repair/replace swing gate |
| Lighting | Parking area lighting | Pole - good | NO | NO | NO | NO | 1 | |
| | Building flood lights | Good | NO | NO | NO | NO | 1 | |
| | Exterior door lights | Fair/original-1936 - unknown if the work | NO | NO | NO | NO | 3 | |

| | y - Facility Assessment | | | | | | |
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| CARR SCHOOL | | | | | | | |
| 225 NEVADA STREET | | | | | | | |
| | | | | | | | |
| DI III DINO DATA. | | | | | | | A STATE OF THE STA |
| BUILDING DATA: | | | | | | | |
| | site area: | 4.85 acres | | 1 | | | |
| | zoning district: | PUB | | | | | |
| | building area: | 49,000 gross square feet | | | | | |
| | number of floors: | 2 | | | | | |
| | historical status: | None | | | | | |
| | year built: | 1936 | | | | | |
| | additions/renovations/upgrades: | 1960 | | | | | |
| | assessment value: | n/a | | | | | |
| | | | | | | | |
| | | | - | The same of | | - | |
| Key to Rating: | | | A CONTRACTOR OF THE PARTY OF TH | A Commence | | 1 | |
| 1 = New or in good conditi | on with ordinary maintenance required | | | The same of the same of | - | - | |
| 2 = Good condition with m | inor repairs required | | Within the Control of the Control | The state of the s | | | and and the same |
| 3 = Fair condition with reparts | airs or replacement required | | | | | | |
| 4 = Poor condition with rep | placement required | | | | | | |
| | | | | | | | |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|----------------------|----------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------|--------|---------------|-------------|------------|--------|----------------------------------------------------------------------------------------------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| BUILDING EXTERIOR | | | | | | | | |
| Roof systems | Pitched roof with stone/wood cupola | No active leaks reported but water damage was evident, gutters in poor condition/ 30 years | YES | NO | NO | NO | 3 | Roofing > 20 years old may not meet current codes. |
| | Flat roof | No active leaks reported/ 30 years | YES | NO | NO | NO | 2 | Roofing > 20 years old may not meet current codes. |
| Exterior walls | Load bearing masonry/painted wood sills and detailing/stone detailing. | Good/original. Minor cracks and staining at masonry; rusting lintels; peeling paint | NO | NO | NO | NO | 2 | Repair and clean masonry; replace lintels when windows are replaced. Scrape and paint wood trim/sills |
| | Masonry w/ wood corners, trim and cornice pieces | Good/original-masonry, staining from rusting conduits. Poor/original-wood pieces | NO | NO | NO | NO | 2-3 | Repair/replace wood trim. Clean masonry. |
| Windows/louvers | Wood frame, 20 over 20 and 16 over 16 divided lights, typical, single-pane glazing; metal louvers/grills | Poor/original w/ aluminum storm windows added. | YES | NO | NO | NO | 4 | Replace |
| | Steel frame, single glazing, fixed & single-hung operable | Poor/1960 | YES | NO | NO | NO | 4 | Replace |
| Doors/hardware | Aluminum w/ pebble fiberglass panels | Good/newer, hardware is non accessible | NO | YES | NO | NO | 2 | Replace with accessible hardware & auto-open device |
| Exterior steps/ramps | Granite and concrete steps; wood ramps w/ painted steel pipe guardrails; wrought iron, open-grate stair | Poor/ages unknown, concrete is deteriorating and railing supports are rusting and not secure; rusting stair | NO | YES | NO | NO | 3 | Replace ramps and railings |
| Greenhouse | Glassed-in greenhouse upper walls and roof; wood clapboard lower walls | Fair/age unknown; peeling paint at lower; glass structure is newer | NO | YES | NO | NO | 2-3 | Repair/paint. Note: non accessible from interior or exterior |
| Structural concerns | None | | | | | | | |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|-------------------------------|-------------------------------------------------------------------------------|----------------------------------------------------------------|--------|---------------|-------------|------------|--------|---------------------------------------------------------------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | | Rating | Comments |
| BUILDING INTERIOR | | - | | | | | | |
| | Glazed CMU w/ painted plaster | | | | | | | |
| Partitions | above @ corridors; painted plaster walls, typical | Good/original. Cracks, stains, peeling/water damage at plaster | NO | NO | NO | NO | 2 | Repair/paint. |
| | Glazed CMU @ corridors; painted CMU, typical; operable walls at classrooms | Fair/original-1960; glazed CMU chipped, cracked | NO | NO | NO | NO | 3 | |
| Floors | VAT, VCT, carpet, vinyl, wood, painted concrete, slate | Fair/ages unknown | NO | NO | NO | NO | 3 | Replace carpet, vinyl, wood, old VCT, and VAT w/ VCT. |
| Ceilings | 1x1 ACT, painted plaster, 2x4 ACT, and 2x2 ACT, | Fair/ages unknown | NO | NO | NO | NO | 3 | Install consistent ACT system; repair/paint plaster ceilings |
| Comingo | Tectum panels, exposed open steel joists | an/ages anknown | | | | | | ocimings . |
| Doors/borrowed lights | Wood solid core doors in wood frames w/ clerestory above | Good/original | NO | NO | NO | NO | 2 | Repair/refinish as needed |
| | Wood solid core doors in painted metal frames | Poor/original-1960 | NO | NO | NO | NO | 4 | Replace doors |
| Hardware | | Fair/original-hardware is non accessible | NO | YES | NO | NO | 3 | Replace w/ accessible hardware & required locking sets. |
| Interior built-in furnishings | Painted wood, metal, laminate | Fair/original | NO | YES | NO | NO | 3 | Replace as required, replacement to include accessible hardware/sinks/fixtures. |
| Window treatments | Rolling shades, typical | Fair/age unknown | NO | NO | NO | NO | 3 | Replace/upgrade to provide consistent light control. |
| Toilet rooms | Adult: CMU, ceramic tile, VCT; wood/metal partitions | Fair/original. Two updated accessible toilets | NO | YES | NO | NO | 3 | Replace/upgrade toilet rooms |
| | Student: glazed CMU; painted concrete & ceramic tile floors; metal partitions | Fair/original. Partial updates. | NO | YES | NO | NO | 3 | Replace/upgrade toilet rooms |

3

| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | | Comments |
|---------------|-------------------------------------------------------------------------------------|--------------------------------------------------------------|------------------|-------------------------|-----------------------|----------------------|---|--------------------------------------------------|
| Stairs | Concrete/metal pan construction w/ steel nosing; wood/metal hand & guardrails | Good/original. Railings and stair nosing are non accessible. | NO | YES | NO | NO | 2 | Replace railings & stair nosing. |
| | Concrete w/ integral nosing; wood/metal hand & guardrails | Good/original. Railings are non accessible. | NO | YES | NO | NO | 2 | Replace railings. Note: exposed pipes. |
| Elevator | None | | NO | YES | NO | NO | 4 | Elevator required for accessibility |
| Signage | None | | NO | YES | NO | NO | 4 | Install signage to include braille |
| Gymnasium | Wood athletic floor and backstops; operable divider wall | Poor/original. Worn floors | NO | NO | NO | NO | 3 | Refinish/replace floor |
| | Wood paneling, full height; Tectum ceiling w/ exposed open steel joists | | | | | | | |
| Assembly room | Wood floor and platform | Fair/original- platform is not accessible | NO | YES | NO | NO | 3 | Refinish/replace; provide lift for accessibility |
| | Painted plaster w/ 1x1 ACT at walls; painted plaster ceiling | Good/original. | NO | NO | NO | NO | 2 | |
| Code concerns | No elevator. All door hardware is non accessible. |). | 1 | 1 | 1 | 1 | | |

| | Material | | Energy | Accessibility | | Other Code | Deting | Comments |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------|---------------------------|------------------------|-------------------------|--------|------------------------------------------------------------------|---------|----------------------------------------------------------------------|
| DUIL DING OVETENO | Material | Condition/Age | Issues | Issues | Issues | Issues | Halling | Comments |
| BUILDING SYSTEMS | | | | | | | | |
| Heating/ventilation/air conditioning | Steam by oil, UV's in CR's | | Boiler- inefficient | NO | NO | Ventilation | 4 | One boiler dead. Not used as a school. Visible leaks in Boiler Room. |
| Plumbing | Plumbing original, unknown | Poor - unknown 65 + years | NO | Fixtures not accessible | NO | Fixtures not water conserving | 4 | |
| Fire Protection | None | | | | | | - | |
| Electrical Service Equipment | 800A. 3 phase, 4 wire, 120/208V | Fair - + 35 years | NO | NO | NO | Insufficient working clearances | 3 | Should be upgraded. |
| Distribution System | Circuit breaker panelboards with conduit and wire feeders. | Fair - + 35 years | NO | NO | NO | NO | 3 | Should be upgraded. |
| Emergency System | 20kW gas indoor generator in boiler rooms; serves corridor and stair lighting and boilers. | Good - 10 years | NO | NO | NO | Not 2-hour fire rated room for life safety system. | 3-4 | Generator should be placed in 2-hour rated room. |
| Fire Alarm System | Multi-zone: not ADA compliant; auditorium and corridor smoke detectors and door holders; master box. | Good - + 25 years | NO | NO | NO | Mounting height and locations of some pull stations. | 2 | Some pull stations should be relocated. |
| Telephone System | Multiple outside lines. | Good - 10 years | NO | NO | NO | NO | 2 | New in 2001. Phone lines should be extended to classrooms. |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Rating | Comments |
|----------------------------------|---------------------------------------------------------------------------------------------------|---------------------------------------|------------------|-------------------------|-----------------------|-------------------------------------|--------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Lighting System | Generally suspended fluorescent | Fair to Poor - + 25 years | NO | NO | NO | No multiple switches in classrooms. | 3 | Broken and discolored lenses should be replaced. Additional fixtures needed in some rooms. No energy efficient lamps and electronic ballasts by utility company. |
| Receptacles | Generally standard duplex type. | Fair - + 35 years | NO | NO | NO | NO | 3-4 | Additional receptacles/circuits needed throughout facility. |
| Security System | Keypads at specific doors; Motion detectors in corridors and stairs; Notifies UL Central Station. | Fair - Mixed - + 35 years | NO | NO | NO | NO | 3 | System will need upgrading. |
| Sound/Intercom System | door notifies Office. Privacy switches and surface speakers in classrooms. No corridor speakers. | Fair to Poor - + 35 years | NO | NO | NO | NO | 3-4 | No independent sound systems. Building wide system needed. |
| Clock/Program Bell System | Classroom and Office battery clocks. Corridor bells. | Good - New clocks provided as needed. | NO | NO | NO | NO | 2 | |
| Information Technology System | Data in classrooms and office areas. | Good - 15 years | NO | NO | NO | NO | 2 | Additional data outlets needed in classrooms. |
| Cablevision System | Outlet in Auditorium | Good - 15 to 20 years | | | | | - | |

6

| | Material | Condition (Ass | Energy | Accessibility | | Other Code | Dating | Commonto |
|--------------------|-------------------------------------------------------------------|---------------------------------|--------|---------------|--------|------------|------------|--------------------------------------------------------|
| SITE FEATURES | Material | Condition/Age | Issues | Issues | Issues | Issues | Raung | Comments |
| Parking | Bituminous concrete parking area at front/side of building | Poor | NO | NO | NO | NO | 4 | |
| Sidewalks/ramps | Concrete walk to main entrance | Poor | NO | NO | NO | NO | 4 | Replace |
| | Temporary wood ramp at main entrance | Fair/good | NO | YES | NO | NO | 3 | Replace/railing discontinuous |
| | Concrete/bituminous concrete paths | Poor | NO | YES | NO | NO | 4 | Replace, no curb cuts at either side of road crossing |
| | Concrete side ramp | Fair/good | NO | YES | NO | NO | 3 | Ramp & railing non compliant |
| Fields | Turf/skinned base area | Fair | NO | YES | NO | NO | 3 | Turf restoration, accessible path needed |
| Plantings | Mature plantings and turf at front of school | Good | NO | NO | NO | NO | 1 | |
| Play structures | Swings | Fair | NO | YES | NO | NO | 3 | No accessible path, surfacing not accessible |
| Courts | Bituminous concrete basketball | Fair | NO | YES | NO | NO | 3 | No accessible path from upper level of site & building |
| Benches/bike racks | Picnic tables at swing play area | Fair | NO | YES | NO | NO | 3 | |
| Fencing | CLF at rear and side perimeter separating play areas and at front | Fair/good, on one side - poor | NO | NO | NO | NO | 2 and 4 | Repair, replace fence on one side |
| Lighting | Parking area lighting | None | | | | | | |
| | Building flood lights | Good/newer | NO | NO | NO | NO | 2 | Update as needed. |
| | Exterior door lights | Original, unknown if they work. | NO | NO | NO | NO | 4 | Replace/repair lighting. |

| Newton Schools Stuc | ly - Facility Assessment | | | | | |
|--------------------------------------|----------------------------------------|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|--------|----------------------------------------|
| EDUCATION CENTE 100 WALNUT STREET | iR | | | | | |
| BUILDING DATA: | | | | mit | | |
| | site area: | 3.78 acres | | | | |
| | zoning district: | PUB | Ar I The same | | | |
| | building area: | 70,000 gross square feet | The state of the s | JETE L | | |
| | number of floors: | 3 | | THE RESERVE | | |
| | historical status: | None | | TOPH HILL | | |
| | year built: | 1928 | | 一 | | |
| | additions/renovations/upgrades: | 1934-add, 1966-modulars | | 1 1 | | |
| | assessment value: | n/a | | PHI | 92 200 | |
| | | | | | | |
| | | | | | | |
| Key to Rating: | | | | | | 10000000000000000000000000000000000000 |
| 1 = New or in good condit | ion with ordinary maintenance required | l | | | | |
| 2 = Good condition with m | ninor repairs required | | 1 | | | |
| 3 = Fair condition with rep | airs or replacement required | | | | | |
| 4 = Poor condition with re | | | | | | |
| | | | | | | |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Rating | Comments |
|----------------------|---------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------|----------------------|-----------------------|----------------------|----------------|-----------------------------------------------------------------------------------------------------------|
| BUILDING EXTERIOR | | Ţ. | | | | | | |
| | | | | | | | | |
| Roof systems | Flat roof | No active leaks reported/ 15 years | NO | NO | NO | NO | 2 | |
| Exterior walls | Load bearing masonry/concrete sills and exposed foundation/stone detailing. | Fair/original. Cracking/spalling/ staining at masonry/stone/concrete; significant masonry deterioration (due to water infiltration) at upper level of rear façade where original cornice was removed and infilled with brick; brick headers replaced at same time as windows | NO | NO | NO | NO | 3 | Repair, repoint and clean |
| Windows/louvers | Aluminum w/ thermal break and thermal glazing, fixed & single-hung operable; metal louvers | Good/1993-windows; Poor/original- louvers. | NO | NO | NO | NO | 1 and 3 | Replace louvers. |
| Doors/hardware | Wood in wood frames, metal, aluminum w/ pebble fiberglass panels | Good/newer; Poor/original. Hardware is non accessible. Main entry has auto-open device. | YES | YES | NO | NO | 3 | Replace original doors and frames; provide accessible hardware. |
| Areaways | Concrete retaining walls, stairs; painted steel pipe guardrails w/ chain link fencing | Fair/original. Staining, spalling | NO | NO | NO | NO | 3 | Repair and clean |
| Vent shafts | Masonry enclosed vents w/ metal louvers and concrete caps | Poor/ages unknown. Deteriorating masonry. | NO | NO | NO | NO | 4 | Repair/masonry. Repair/replace louvers. |
| Exterior steps/ramps | Granite and concrete stoops and steps w/ painted steel pipe guardrails; one resurfaced with epoxy paint | | NO | YES | NO | NO | 3 | Repair/replace steps; replace railings. Note: only one door is accessible in this multifunction building. |
| Structural concerns | None. | | | | | | | |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|-------------------------------|------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|--------|---------------|-------------|------------|--------|----------------------------------------------------------------------------------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | | Rating | Comments |
| BUILDING INTERIOR | | | | | | | | |
| Partitions | Glazed brick w/ painted brick above @ corridors; painted plaster walls, typical | Good/original | NO | NO | NO | NO | 2 | |
| | Alt see | | | | | | | |
| Floors | Carpet, typical, VCT, vinyl, quarry tile, wood, athletic resilient flooring | Good to fair/ages unknown | NO | NO | NO | NO | 2 | Replace carpet w/ VCT. |
| Ceilings | 2x4 ACT, 2x2 ACT, 1x1 ACT, and painted plaster | Good/ages unknown | NO | NO | NO | NO | 2 | Replace damaged tiles. |
| Doors/borrowed lights | Wood solid core doors w/ wood frames. Shades added to borrowed lights for security. | Good to fair/original | NO | NO | NO | NO | 2 | |
| Hardware | | Fair/original-non accessible | NO | YES | NO | NO | 3 | Replace w/ accessible hardware & required locking sets. |
| Interior built-in furnishings | Various types, wood, metal, laminate | Good to fair/original and ages unknown | NO | YES | NO | NO | 2 | Replace as required, replacement to include accessible hardware/sinks/fixtures. |
| Lockers/cubbies | Few open cubbies | Good/ages unknown | NO | YES | NO | NO | 2 | Install new/replace with metal double tier 15" x 30" or 12" x 60" as educational programs require. |
| Window treatments | Various: vertical & horizontal blinds, and shades | Good/ages unknown | NO | NO | NO | NO | 2 | Replace/upgrade to provide consistent light control. |
| Toilet rooms | Adult: CMU, ceramic tile, VCT, epoxy flooring; metal partitions | Some non accessible, some partially accessible | NO | YES | NO | NO | 2 | Replace/upgrade toilet rooms |
| | Student: glazed CMU & ceramic tile, VCT; metal partitions | Fair to Poor/ages unknown. Wood steps added to accommodate children | NO | YES | NO | NO | 3 | Inappropriate size and quantity for users. Replace/upgrade/add toilet rooms |
| Stairs | Concrete w/ steel nosing; wood/metal hand & guardrails; rubber risers/treads at internal stair | deteriorating, subsequent fixes also | NO | YES | NO | NO | 3 | Replace railings & stair nosing. Install rubber surface at all stairs. |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | Life Safety Issues | Other Code Issues | Rating | Comments |
|--------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|------------------|-------------------------|-----------------------|----------------------|--------|------------------------------------|
| Elevator | | Good/age unknown | NO | NO | NO | NO | 2 | |
| Signage | Plastic plaques | Good/recent; Fair/all other, non accessible. | NO | YES | NO | NO | 2 | Replace signage to include braille |
| Former auditorium | Carpet; carpet at platform; ACT ceiling; stone and wood detailing | Good/ages unknown; platform is not accesssible-used as book/resource area | NO | YES | NO | NO | 2 | Replace damaged/missing ACT |
| | Corridor too narrow for educational Basement classrooms with no wind Quantity and distribution of toilet rod Multiple exterior doors and program No visual of front entry creates a se Open cubbies in corridor create a fl Damp occupied basement space | ows. oms does not meet code. is make for a potentially unsafe enviror curity risk. | | · | ı ı risk. | I | | |
| Code concerns | 8. Dead end corridor. 9. Pre-school classrooms do not ha | ive individual, accessible toilets as | required by o | code. | | | | |
| 2-"1966" Permanent Modulars; 1 approx 30'x105', 1 approx. 30'x120'; used by high school programs | CMU construction with no insulation in walls or under floor; loose-laid insulation above ceiling tiles under pitched roof. Metal studs and drywall partitions. | Good/ 1966; | YES | YES | NO | NO | 2 | |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|--------------------------------------|---------------------------------------------------------------------------------------------|------------------------------------------------|-----------------------|---------------|---------------|-----------------------------------------------------------------------------|--------|------------------------------------------------------------------------------|
| | Material | Condition/Age | Issues | | Issues | | Rating | Comments |
| BUILDING SYSTEMS | | | | | | | | |
| Heating/ventilation/air conditioning | Steam by oil, vent through windows with radiation in CR's. Air conditioning in offices. | Poor - 65 + year; 2 boilers-1976 | Boiler inefficient | NO | NO | Ventilation | 4 | Only a few UV's (Annexes). Steam leaks. CR exhaust inoperable. |
| Plumbing | Piping original, unknown | Poor - 65 + year | NO | | Old gas light | Not enough fixtures, water conservatio n | 4 | |
| Fire Protection | None | | | | | | - | |
| Electrical Service Equipment | 2000A. 3 phase, 4 wire, 120/208V | Fair to poor - + 55 years and older | NO | NO | NO | Insufficient working clearances | 3 | Should be upgraded. |
| Distribution System | Circuit breaker panelboards with conduit and wire feeders. | Fair to poor - + 40 years and older | NO | NO | NO | NO | 3 | Should be upgraded. |
| Emergency System | 600kW indoor generator; serves lighting and possibly IT computers. | Poor - + 55 years. Operation questionable. | NO | NO | | Insufficient working clearances; Not 2 hour fire rated room. | 3 | Should be upgraded. |
| Fire Alarm System | Multi-zone: not ADA compliant; corridor smoke detectors and door holders; master box. | Fair - 30 years and older | NO | NO | | Mounting height and locations of some pull stations. | 2 | Some stations should be relocated. Signals should be replaced with ADA type. |
| Telephone System | Multiple outside lines. | Good - 10 years | NO | NO | NO | NO | 2 | New in 2002. Dial type should be added to classrooms. |
| Lighting System | Wrap around surface/suspended fluorescent | Good - + 25 years | NO | NO | NO | NO | 2 | New energy efficient lamps and ballasts by utility company. |

| | Material | Condition/Age | Energy Issues | Accessibility Issues | _ | Other Code Issues | Rating | Comments |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------|-------------------------|----|----------------------|--------|-------------------------------------------------------------|
| Receptacles | Generally standard duplex type. | Fair to Good - + 35 years | NO | NO | NO | NO | 3-4 | Additional receptacles/circuits needed throughout facility. |
| Security System | Control panel adjacent FA control panel; keypads at specific doors; Motion detectors in corridors and stairs; some exterior doors with monitor switches. Notifies UL Central Station. | Fair - + 20 years mixed equipment | NO | NO | NO | NO | 3-4 | Should be replaced. |
| Sound/Intercom System | No intercom or public address system. | | NO | NO | NO | NO | - | Provide system throughout facility. |
| Clock/Program Bell System | Classroom and Office battery clocks. | Good - Provided as needed. | NO | NO | NO | NO | 2 | Provide program bell system. |
| Information Technology System | Data in classrooms and office areas. | Good - 10 years | NO | NO | NO | NO | 2 | |
| Cablevision System | Outlet in Town Meeting Room | | | | | | 2 | |

| | | | Energy | Accessibility | Life Safety | Other Code | | |
|--------------------|-------------------------------------------------------------------|-------------------------------------|--------|---------------|-------------|------------|--------|----------------------------------------------------|
| | Material | Condition/Age | Issues | Issues | Issues | Issues | Rating | Comments |
| SITE FEATURES | | | | | | | | |
| Parking | Bituminous concrete parking area at rear of building | Fair | NO | YES | NO | NO | 3 | Non-compliant curb ramp to bit conc. walk |
| Sidewalks/ramps | Concrete walk to main entrance | Good | NO | NO | NO | NO | 1 | New |
| | Concrete stair at main entrance | Fair/good | NO | NO | NO | NO | 1 | Replace/railing discontinuous |
| | Concrete @ side entrance | Good | NO | YES | NO | NO | 1 | Not accessible entrance - no curb ramp |
| | Bituminous concrete walks @ rear and side of building | Fair | NO | NO | NO | NO | 3 | |
| | Concrete walks @ rear of building | Varies - fair/poor | NO | YES | NO | NO | 3 | Surface condition, no curb ramps, replace sections |
| Fields | None | | | | | | | |
| Plantings | Mature plantings and turf at front of school | Good | NO | NO | NO | NO | 2 | Some turf restoration |
| Play structures | Swings, 1 younger children's @ side - timber | Fair | NO | YES | NO | NO | 3 | Surfacing not accessible |
| Courts | 1 informal bituminous concrete basketball | Fair | NO | NO | NO | NO | 3 | |
| Benches/bike racks | Wood in play area | Fair | NO | YES | NO | NO | 3 | Non-accessible location |
| Fencing | CLF vinyl coated fabric @ play area, CLF and wood at perimeter | Fair | NO | NO | NO | NO | 3 | Repair |
| Lighting | Parking area lighting | Floodlights on utility poles - fair | | | | | 3 | Replace lighting. |
| | Building flood lights | Good/newer; Poor/older | NO | NO | NO | NO | 3 | Replace lighting. Replace rusting conduit. |
| | Exterior door lights | Poor/age unknown | NO | NO | NO | NO | 4 | Replace lighting. |

Educational Space Assessment Matrix Key

The abbreviated category headings indicate:

Built = year of original constructed

Ren. = year of last addition/renovation/upgrade

Enr. = current year's enrollment

Gross = building's gross square feet

Net = building's net square feet

N-to-G = net to gross ratio

G/P = gross square feet per pupil

N/P = net square feet per pupil

cr = number of inadequately sized classrooms

Mod = number of modular classrooms

CR = number of appropriately sized classrooms (greater than 800 sf), includes modular spaces

Lib = library sf (square feet)

Gym = gymnasium sf

Multi = multi-purpose room sf

Kit = kitchen sf

Aud = auditorium sf

Stg = stage sf

Mus = music classroom sf or location

Art = art classroom sf

Aft = after school program sf or location

Adm = administration sf

Nur = nurse's room sf or location

Fac = faculty lunchroom sf

Wrk = faculty workroom sf

LCT = learning center sf

Lit = literacy center sf

ELL = English as a second language sf

OT = occupational therapy sf

S&L =speech and language sf

Psy = psychologist sf

SW = social worker sf

Spec. = specialist sf

Ea/Sn = early intervention/sensory integration sf

Incl = inclusion coordinator sf

The grey boxes indicate that, to the best knowledge of the study team, the school does not have designated space for this program or the program may share with another program within the same space.

G

Elementary Schools Educational Space Assessment Matrix

Note: updated information in BOLD

| Grouping #1 | Built | Ren. | Enr. | Gross | Net | N-to-G | G/P | N/P | cr | Mod | CR | Lib | Gym | Multi | Kit | Aud | Platf | Mus | Art | Aft | Adm | Nur | Fac | Wrk | LCT | Lit | ELL | ОТ | S&L | Psy | SW | Spec. | Ea/Sn | Incl | Special Programs |
|------------------|-------|------|------|---------------|-----------------------------------------|--------|-----|-----|------|----------|----|------|------|-------|-----|------|-------|--------------|------------|-------|------|-----|------|------|-----|-----|-------|------|-----|-----|------|-------|-------|------|------------------------|
| 1 COUNTRYSIDE | 1953 | 1958 | 490 | 69,600 | 39,108 | 1.78 | 142 | 80 | 1 | 4 | 23 | 1032 | 2400 | 4182 | 769 | | | Platf | 1158 | Art | 684 | 213 | 549 | | 542 | 178 | | 109 | | 118 | 86 | 262 | | 146 | ABA - 1200 |
| 2 MEM-SPAULDING | | 2002 | 458 | 68,775 | 38,517 | 1.79 | 150 | | • | - | 23 | 1950 | 2400 | 1075 | 552 | 2050 | 738 | 817 | 1100 | 828 | 488 | 150 | 040 | 530 | 345 | 828 | 828 | 828 | 353 | 265 | 130 | | 504 | OT | 71571 1200 |
| 3 BOWEN | 1952 | 2000 | 448 | 64,935 | 34,919 | 1.86 | 145 | | | 1 | 20 | 2135 | 2855 | | 316 | 2542 | 800 | | 1177 | 734 | 1060 | 172 | 861 | 160 | - | 020 | 277 | 165 | 000 | 125 | 100 | 0.0 | 001 | 0. | |
| 4 CABOT | 1929 | 1959 | 440 | 45,095 | 29,185 | 1.55 | 102 | 66 | 12 | 4 | 7 | 1119 | 2525 | 1618 | 300 | 2012 | 745 | 929 | 812 | 701 | 536 | 231 | 264 | 100 | 832 | 323 | _,, | 100 | | 120 | 337 | | | | |
| 5 MASON-RICE | 1959 | 1959 | 437 | 39,000 | 29,135 | 1.34 | 89 | 67 | 1 | | 18 | 945 | 2400 | | 464 | 3450 | Aud | | 896 | 778 | 444 | 220 | 505 | | 420 | 100 | | 400 | LCT | 100 | Psy | | Stg | OT | |
| 6 BURR | 1967 | 1967 | 409 | 54,232 | 35,345 | 1.53 | 133 | | • | 1 | 17 | 1424 | 3692 | 2756 | 200 | | 936 | 1120 | 960 | - | 1040 | 176 | 940 | | 359 | 640 | 960 | ELL | ELL | LCT | LCT | | Oig | 463 | |
| 7 FRANKLIN | 1939 | 1953 | 401 | 56,764 | 32,061 | 1.77 | 142 | 80 | 11 | \dashv | 7 | 1954 | 2907 | 2457 | 378 | | 741 | Multi | 702 | 375 | 796 | 299 | 271 | | 000 | 136 | 253 | 592 | 623 | 210 | | 447 | | 100 | Reach - 1379 |
| 8 ANGIER | 1919 | 1936 | 395 | 51,300 | 26,578 | 1.93 | 130 | 67 | 18 | - | 2 | 3076 | 3337 | 2407 | 308 | | 7 - 1 | 726 | 704 | 613 | 682 | 399 | 484 | 242 | 638 | 638 | 200 | 100 | 100 | 308 | | 399 | | | 1104011 1070 |
| 9 HORACE MANN | 1965 | 1965 | 386 | 44,701 | 32,822 | 1.36 | 116 | 85 | | 3 | 18 | 952 | 2664 | | 540 | | | 2664 | 1739 | Music | 300 | 140 | 240 | | 319 | 120 | 354 | ELL | 100 | 236 | | 000 | | | |
| 10 ZERVAS | 1954 | 1954 | 321 | 36,006 | 25,296 | 1.42 | 112 | | | 4 | 17 | 1130 | 2400 | | 275 | | | 718 | 759 | Mus | 650 | Adm | 350 | 416 | | 120 | 004 | LCT | LCT | 100 | 125 | | | | |
| 11 LINCOLN-ELIOT | 1939 | 1975 | 317 | 51,074 | 26,165 | 1.95 | 161 | 83 | Ę | - | 8 | 1410 | 3535 | 2/3/ | 465 | | | 1000 | 978 | Plow | 780 | 144 | 378 | 710 | 437 | 210 | 318 | Inc. | 284 | 150 | 80 | | | 180 | Pre-K + Plow - 6539 |
| 12 PEIRCE | 1951 | 1955 | 316 | 36,110 | 24,608 | 1.47 | 114 | 4 | • | 2 | 13 | 860 | 2400 | 663 | 160 | 1932 | 680 | Platf | 370 | 464 | 442 | 223 | 307 | 318 | | 300 | 310 | 125 | Psy | 130 | Psy | | | 100 | 1 16-10 + 1 10W - 0009 |
| 13 WILLIAMS | 1950 | 2001 | 302 | 41,700 | 26,828 | 1.55 | 138 | 89 | | | 14 | 1874 | 3015 | 1059 | 225 | 2209 | 799 | Stg | 1064 | 828 | 686 | 201 | 1114 | 310 | 371 | 384 | 192 | S&L | 251 | 187 | ı sy | 76 | | 168 | |
| 14 UNDERWOOD | 1924 | 1924 | 289 | 43,300 | 25,609 | 1.69 | 150 | 89 | 13 | | 2 | 1191 | 3013 | 1540 | 220 | 2207 | /// | 704 | 704 | 726 | 704 | 311 | 220 | 704 | 704 | 400 | 708 | 200 | 260 | 100 | 100 | 200 | 704 | OT | |
| 15 WARD | 1924 | 1954 | 278 | 38,000 | 22,191 | 1.71 | 137 | 80 | 11 | + | £ | 1200 | 2520 | 726 | 260 | | 672 | 667 | 667 | 667 | 768 | 100 | 446 | 704 | 667 | 375 | 700 | 667 | 667 | 100 | 100 | 690 | 270 | 100 | |
| 19 WAND | 1320 | 1904 | 2/0 | 30,000 | 22,171 | 1./1 | | | | _+ | 9 | 1200 | 2020 | /20 | 200 | | 0/2 | 00/ | 00/ | 007 | 100 | 100 | 440 | | 007 | 3/3 | | 007 | 007 | 100 | 100 | 030 | 210 | 100 | |
| Grouping #2 | Built | Ren. | Enr. | Gross | Net | N-to-G | G/P | N/P | cr | Mod | CR | Lib | Gym | Multi | Kit | Aud | Stg | Mus | Art | Aft | Adm | Nur | Fac | Wrk | LCT | Lit | ELL | OT | S&L | Psy | SW | Spec. | Ea/Sn | Incl | Special Programs |
| 1 COUNTRY CIDE | 1050 | 1050 | /00 | /0 /00 | 20 400 | 4 80 | 1/0 | 80 | | , | 22 | 1000 | 2/00 | /400 | 700 | | | Diese | 1150 | ۸ | 604 | 010 | E40 | | E40 | 170 | | 100 | | 110 | 00 | 200 | | 146 | ADA 1000 |
| 1 COUNTRYSIDE | 1953 | 1958 | 490 | 69,600 | 39,108 | 1.78 | 142 | 1 | 1 | 4 | 23 | 1032 | 2400 | 4182 | 769 | 0050 | 700 | Platf | 1158 | Art | 684 | 213 | 549 | 500 | 542 | 178 | 000 | 109 | 050 | 118 | 86 | 262 | F04 | | ABA - 1200 |
| 2 MEM-SPAULDING | | 2002 | 458 | 68,775 | 38,517 | 1.79 | 150 | 84 | | _ | 23 | 1950 | 2400 | 1075 | 552 | 2050 | 738 | 817 Dieté | 1177 | 828 | 488 | 150 | 001 | | | 828 | 828 | 828 | 353 | 265 | 130 | 345 | 504 | OT | |
| 3 BOWEN | 1952 | 2000 | 448 | 64,935 | 34,919 | 1.86 | 145 | 78 | - 44 | 1 | 20 | 2135 | 2855 | 0/58 | 316 | 2542 | 800 | Platf | 1177 | 734 | 1060 | 172 | 861 | 160 | 670 | 100 | 277 | 165 | 200 | 125 | | 447 | | | D 1 1070 |
| 4 FRANKLIN | 1939 | 1953 | 401 | 56,764 | 32,061 | 1.77 | 142 | + + | 11 | | 7 | 1956 | 2907 | 2457 | 378 | | 741 | Multi | 702 | 375 | 796 | 299 | 271 | | 050 | 136 | 253 | 592 | 623 | 210 | LOT | 447 | | 400 | Reach - 1379 |
| 5 BURR | 1967 | 1967 | 409 | 54,232 | 35,345 | 1.53 | 133 | 86 | 40 | 1 | 17 | 1424 | 3692 | 2756 | 200 | | 936 | 1120 | 960 | Mus | 1040 | 176 | 940 | 0.40 | 359 | 640 | 960 | ELL | ELL | | LCT | 000 | | 463 | |
| 6 ANGIER | 1919 | 1936 | 395 | 51,300 | 26,578 | 1.93 | 130 | 67 | 18 | | 2 | 3076 | 3337 | | 308 | | | 726 | 704 | 613 | 682 | 399 | 484 | 242 | | 638 | 212 | 100 | 100 | 308 | | 399 | | 100 | D 1/ DI 0500 |
| 7 LINCOLN-ELIOT | 1939 | 1975 | 317 | 51,074 | 26,165 | 1.95 | 161 | 83 | 5 | | 8 | 1410 | 3535 | 2436 | 465 | | | 1000 | 978 | Plow | 780 | 144 | 378 | | 437 | | 318 | Inc. | 284 | 150 | 80 | | | 180 | Pre-K + Plow - 6539 |
| 8 CABOT | 1929 | 1959 | 440 | 45,095 | 29,185 | 1.55 | 102 | 66 | 12 | 4 | 7 | 1119 | 2525 | 1618 | 300 | | 745 | 929 | 812 | | 536 | 231 | 264 | | 832 | 323 | 0.7.4 | | | | 337 | | | | |
| 9 HORACE MANN | 1965 | 1965 | 386 | 44,701 | 32,822 | 1.36 | 116 | 85 | | 3 | 18 | 952 | 2664 | 4=44 | 540 | | | 2664 | 1739 | Music | 300 | 140 | 240 | =0.4 | 319 | 120 | 354 | ELL | 222 | 236 | 400 | 222 | | 0.7 | |
| 10 UNDERWOOD | 1924 | 1924 | 289 | 43,300 | 25,609 | 1.69 | 150 | 89 | 13 | | 2 | 1191 | 3850 | 1540 | 220 | | | 704 | 704 | 726 | 704 | 311 | 220 | /04 | 704 | 400 | 708 | 200 | 260 | 100 | 100 | 200 | 704 | OT | |
| 11 WILLIAMS | 1950 | 2001 | 302 | 41,700 | 26,828 | 1.55 | 138 | 89 | | | 14 | 1874 | 3015 | 1058 | 225 | 2209 | 799 | Stg | 1064 | 828 | 686 | 201 | 1114 | | 400 | 384 | 192 | S&L | 251 | 187 | | 76 | 0. | 168 | |
| 12 MASON-RICE | 1959 | 1959 | 437 | 39,000 | 29,135 | 1.34 | 89 | 67 | 1 | | 18 | 945 | 2400 | | 464 | 3450 | Aud | Platf | 896 | 778 | 444 | 220 | 505 | | 420 | 100 | | 400 | LCT | 100 | Psy | | Stg | OT | |
| 13 WARD | 1928 | 1954 | 278 | 38,000 | 22,191 | 1.71 | 137 | 80 | 11 | | 5 | 1200 | 2520 | 726 | 260 | | 672 | 667 | 667 | 667 | 768 | 100 | 446 | | 667 | 375 | | 667 | 667 | 100 | 100 | 690 | 270 | 100 | |
| 14 PEIRCE | 1951 | 1955 | 316 | 36,110 | 24,608 | 1.47 | 114 | 78 | | 2 | 13 | 860 | 2400 | 663 | 160 | 1932 | 680 | Platf | | 464 | 442 | 223 | 307 | | 371 | 300 | | 125 | Psy | 130 | Psy | | | | |
| 15 ZERVAS | 1954 | 1954 | 321 | 36,006 | 25,296 | 1.42 | 112 | 79 | | 4 | 17 | 1130 | 2400 | | 275 | | | 718 | 759 | Mus | 650 | Adm | 350 | 416 | 984 | | | LCT | LCT | 100 | 125 | | | | |
| Grouping #3 | Built | Ren. | Enr. | Gross | Net | N-to-G | G/P | N/P | cr | Mod | CR | Lib | Gym | Multi | Kit | Aud | Stg | Mus | Art | Aft | Adm | Nur | Fac | Wrk | LCT | Lit | ELL | OT | S&L | Psy | SW | Spec. | Ea/Sn | Incl | Special Programs |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 COUNTRYSIDE | | | | 69,600 | 39,108 | | | | 1 | 4 | | | 2400 | | | | | | 1158 | | | | 549 | | | 178 | | 109 | | 118 | | | | 146 | ABA - 1200 |
| 2 MEM-SPAULDING | | | 458 | 68,775 | | | 150 | | | | 23 | | 2400 | | | 2050 | | 817 | | | | 150 | | | | | | | | | | 345 | 504 | OT | |
| 3 BURR | | 1967 | | 54,232 | 35,345 | 1.53 | | 86 | | 1 | 17 | | 3692 | | 200 | | | | | Mus | | | | | | 640 | | | | | LCT | | | 463 | |
| 4 BOWEN | | | 448 | 64,935 | 34,919 | | | 78 | | 1 | 20 | | 2855 | | | 2542 | 800 | | | | | | | 160 | 670 | | 277 | | | 125 | | | | | |
| 5 HORACE MANN | 1965 | | 386 | 44,701 | 32,822 | 1.36 | | 85 | | 3 | 18 | | 2664 | | 540 | | | | | Music | | | | | 319 | | | | | 236 | | | | | |
| 6 FRANKLIN | 1939 | | 401 | 56,764 | 32,061 | | 142 | | | | 7 | | 2907 | | | | | | | 375 | | | | | | | 253 | 592 | 623 | 210 | | 447 | | | Reach - 1379 |
| 7 CABOT | 1929 | | 440 | 45,095 | 29,185 | | 102 | | | 4 | 7 | | 2525 | | | | | 929 | | | | 231 | | | | 323 | | | | | 337 | | | | |
| 8 MASON-RICE | 1959 | | 437 | 39,000 | 29,135 | 1.34 | | 67 | 1 | | 18 | | 2400 | | | | | Platf | | | | | | | 420 | 100 | | | | 100 | Psy | | Stg | OT | |
| 9 WILLIAMS | 1950 | 2001 | 302 | 41,700 | 26,828 | 1.55 | | 89 | | | 14 | 1874 | 3015 | | 225 | 2209 | 799 | | | 828 | | | | | | 384 | 192 | | | | | 76 | | 168 | |
| 10 ANGIER | 1919 | 1936 | 395 | 51,300 | 26,578 | 1.93 | | 67 | | | 2 | 3076 | 3337 | | 308 | | | 726 | | | | 399 | | 242 | | 638 | | | 100 | | | 399 | | | |
| 11 LINCOLN-ELIOT | 1939 | 1975 | 317 | 51,074 | 26,165 | 1.95 | 161 | 83 | 5 | | 8 | 1410 | 3535 | 2436 | | | | 1000 | 978 | Plow | 780 | 144 | 378 | | 437 | 210 | 318 | Inc. | 284 | 150 | 80 | | | 180 | Pre-K + Plow - 6539 |
| 12 UNDERWOOD | 1924 | 1924 | 289 | 43,300 | 25,609 | 1.69 | 150 | 89 | 13 | | 2 | 1191 | | 1540 | 220 | | | 704 | 704 | 726 | 704 | 311 | 220 | 704 | 704 | 400 | 708 | | | | | 200 | 704 | OT | |
| 13 ZERVAS | 1954 | 1954 | 321 | 36,006 | 25,296 | | 112 | | | 4 | 17 | 1130 | 2400 | | 275 | | | 718 | | Mus | 650 | Adm | 350 | 416 | 984 | | | LCT | LCT | 100 | 125 | | | | |
| 14 PEIRCE | 1951 | | 316 | 36,110 | 24,608 | | 114 | | | 2 | 13 | 860 | | | | 1932 | 680 | Platf | | | | 223 | | | 371 | 300 | | | | 130 | | | | | |
| 15 WARD | 1928 | | 278 | 38,000 | | 1.71 | | | 11 | | 5 | 1200 | | 726 | 260 | | | | 667 | 667 | | | | | | 375 | | | | | | 690 | 270 | 100 | |
| | | | - 1 | , | , , , , , , , , , , , , , , , , , , , , | | | | - 1 | ı | | | | | _ | | _ | | - | | | | | | | | | | | | | | | - | |

| Grouping #4 | Built | Ren. En | r. (| Gross | Net | N-to-G | G/P | N/P | cr | Mod | CR | Lib | Gym | Multi | Kit | Aud | Stg | Mus | Art | Aft | Adm | Nur | Fac | Wrk | LCT | Lit | ELL | ОТ | S&L | Psy | SW | Spec. | Ea/Sn | Incl | Special Programs |
|-------------------------------|--------------|-------------------------------|-------|-------------------------|------------------|--------------|-----|----------|----|------|----------|------------|--------------|-------|------------|------|-----|---------------|-------------|---------------------|------------|------------|------------|------|------------|------------|-----|------------|-----|------------|------------|-------|--------|------|---------------------|
| | | | | | | | | | - | | 40 | | | | | | | | | | | | | WIK | | | | | | | | эрсс. | | | Special Frograms |
| 1 MASON-RICE 2 HORACE MANN | 1959 1965 | 1959 43 | | 39,000 44,701 | 29,135 32,822 | 1.34 1.36 | | 67 85 | 1 | 3 | 18 | 945 952 | 2400 2664 | | 464 540 | 3450 | Aud | Platf 2664 | 896 1739 | 778 | 444 300 | 220 140 | 505 240 | | 420 319 | 100 120 | 354 | 400 ELL | LCT | 100 236 | Psy | | Stg | OT | |
| 3 ZERVAS | 1954 | 1965 38 1954 32 | | 36,006 | 25,296 | 1.42 | | 79 | | 4 | 17 | 1130 | 2400 | | 275 | | | 718 | 759 | Music Mus | | Adm | 350 | 416 | 984 | 120 | 334 | | LCT | 100 | 125 | | | | |
| 4 PEIRCE | 1951 | 1955 31 | | 36,110 | 24,608 | 1.47 | | 78 | | 2 | 13 | 1130 | 2400 | 663 | 160 | 1932 | 490 | Platf | 737 | 464 | 442 | 223 | 307 | 318 | 371 | 300 | | | Psy | 130 | Psy | | | | |
| 5 BURR | 1967 | 1967 40 | | 54,232 | 35,345 | 1.53 | 133 | 86 | | 1 | 17 | 1424 | 3692 | 2754 | 200 | 1752 | 936 | 1120 | 960 | Mus | 1040 | 176 | 940 | 010 | 359 | 640 | 960 | | ELL | LCT | - | | | 463 | |
| 6 CABOT | 1929 | 1959 44 | | 45,095 | 29,185 | 1.55 | 102 | 66 | 12 | 4 | 7 | 1119 | 2525 | 1618 | 300 | | 745 | 929 | 812 | IVIGO | 536 | 231 | 264 | | 832 | 323 | 500 | | | | 337 | | | 700 | |
| 6 WILLIAMS | 1950 | 2001 30 | | 41,700 | 26,828 | 1.55 | 138 | 89 | | - | 14 | 1874 | 3015 | 1058 | 225 | 2209 | 799 | Stg | 1064 | 828 | 686 | 201 | 1114 | | 002 | 384 | 192 | S&L | 251 | 187 | 007 | 76 | | 168 | |
| 7 UNDERWOOD | 1924 | 1924 28 | | 43,300 | 25,609 | 1.69 | 150 | 89 | 13 | | 2 | 1191 | 3850 | 1540 | 220 | | | 704 | 704 | 726 | 704 | 311 | 220 | 704 | 704 | 400 | 708 | | 260 | 100 | 100 | 200 | 704 | OT | |
| 8 WARD | 1928 | 1954 27 | | 38,000 | 22,191 | 1.71 | 137 | 80 | 11 | | 5 | 1200 | 2520 | 726 | 260 | | 672 | 667 | 667 | 667 | 768 | 100 | 446 | | 667 | 375 | | 667 | 667 | 100 | 100 | 690 | 270 | 100 | |
| 9 FRANKLIN | 1939 | 1953 40 | | 56,764 | 32,061 | 1.77 | 142 | 80 | 11 | | 7 | 1956 | 2907 | 2457 | 378 | | 741 | Multi | 702 | 375 | 796 | 299 | 271 | | | 136 | 253 | 592 | 623 | 210 | | 447 | | | Reach - 1379 |
| 10 COUNTRYSIDE | 1953 | 1958 49 | 0 | 69,600 | 39,108 | 1.78 | 142 | 80 | 1 | 4 | 23 | 1032 | 2400 | 4182 | 769 | | | Platf | 1158 | Art | 684 | 213 | 549 | | 542 | 178 | | 109 | | 118 | 86 | 262 | | 146 | ABA - 1200 |
| 11 MEM-SPAULDING | 1954 | 2002 45 | 8 | 68,775 | 38,517 | 1.79 | 150 | 84 | | | 23 | 1950 | 2400 | 1075 | 552 | 2050 | 738 | 817 | | 828 | 488 | 150 | | 530 | 345 | 828 | 828 | 828 | 353 | 265 | 130 | 345 | 504 | OT | |
| 12 BOWEN | 1952 | 2000 44 | 8 | 64,935 | 34,919 | 1.86 | 145 | 78 | | 1 | 20 | 2135 | 2855 | | 316 | 2542 | 800 | Platf | 1177 | 734 | 1060 | 172 | 861 | 160 | 670 | | 277 | 165 | | 125 | | | | | |
| 13 ANGIER | 1919 | 1936 39 | 5 | 51,300 | 26,578 | 1.93 | 130 | 67 | 18 | | 2 | 3076 | 3337 | | 308 | | | 726 | 704 | 613 | 682 | 399 | 484 | 242 | 638 | 638 | | 100 | 100 | 308 | | 399 | | | |
| 14 LINCOLN-ELIOT | 1939 | 1975 31 | 7 | 51,074 | 26,165 | 1.95 | 161 | 83 | 5 | 1 | 8 | 1410 | 3535 | 2436 | 465 | | | 1000 | 978 | Plow | 780 | 144 | 378 | | 437 | 210 | 318 | Inc. | 284 | 150 | 80 | | | 180 | Pre-K + Plow - 6539 |
| Grouping #5 | Built | Ren. En | r (| Gross | Net | N-to-G | G/P | N/P | cr | Mod | CR | Lib | Gym | Multi | Kit | Aud | Stg | Mus | Art | Aft | Adm | Nur | Fac | Wrk | LCT | Lit | ELL | OT | S&L | Psy | SW | Snec | Ea/Sn | Incl | Special Programs |
| | | | | | | | | ,. | ٠, | 1100 | | LID | Oy | Hatti | | Auu | 3.9 | | | | | iva. | | WIK | | | | | | | 311 | эрсс. | Lu/5II | mee | , , |
| 1 LINCOLN-ELIOT | 1939 | 1975 31 | | 51,074 | 26,165 | 1.95 | | 83 | 5 | | 8 | 1410 | 3535 | 2436 | 465 | | | 1000 | 978 | Plow | 780 | 144 | 378 | | 437 | 210 | 318 | | 284 | 150 | 80 | | | 180 | Pre-K + Plow - 6539 |
| 2 MEM-SPAULDING | | 2002 45 | | 68,775 | 38,517 | 1.79 | 150 | 84 | | | 23 | 1950 | 2400 | 1075 | 552 | 2050 | 738 | 817 | | 828 | 488 | 150 | | 530 | 345 | 828 | 828 | | 353 | 265 | 130 | 345 | 504 | OT | |
| 2 UNDERWOOD | 1924 | 1924 28 | _ | 43,300 | 25,609 | 1.69 | 150 | 89 | 13 | | 2 | 1191 | 3850 | 1540 | 220 | | | 704 | 704 | 726 | 704 | 311 | 220 | 704 | 704 | 400 | 708 | | 260 | 100 | 100 | 200 | 704 | OT | |
| 3 BOWEN | 1952 | 2000 44 | | 64,935 | 34,919 | 1.86 | | 78 | | 1 | 20 | 2135 | 2855 | | 316 | 2542 | 800 | Platf | 1177 | | 1060 | 172 | 861 | 160 | 670 | | 277 | 165 | | 125 | | | | | |
| 4 COUNTRYSIDE | 1953 | 1958 49 | | 69,600 | 39,108 | 1.78 | | 80 | 1 | 4 | 23 | 1032 | 2400 | 4182 | 769 | | | Platf | 1158 | Art | 684 | 213 | 549 | | 542 | 178 | | 109 | | 118 | 86 | 262 | | 146 | ABA - 1200 |
| 4 FRANKLIN | 1939 | 1953 40 | | 56,764 | 32,061 | 1.77 | | 80 | 11 | | 7 | 1956 | 2907 | 2457 | 378 | | 741 | Multi | 702 | 375 | 796 | 299 | 271 | | | 136 | 253 | | 623 | 210 | | 447 | | | Reach - 1379 |
| 5 WILLIAMS | 1950 | 2001 30 | | 41,700 | 26,828 | 1.55 | | 89 | | | 14 | 1874 | 3015 | 1058 | 225 | 2209 | 799 | Stg | 1064 | 828 | 686 | | 1114 | | | 384 | 192 | S&L | 251 | 187 | 400 | 76 | | 168 | |
| 6 WARD | 1928 | 1954 27 | | 38,000 | 22,191 | 1.71 | 137 | 80 | 11 | _ | 5 | 1200 | 2520 | 726 | 260 | | 672 | 667 | 667 | 667 | 768 | 100 | 446 | | 667 | 375 | 000 | 667 | 667 | 100 | 100 | 690 | 270 | 100 | |
| 7 BURR | 1967 | 1967 40 | _ | 54,232 | 35,345 | 1.53 | 133 | 86 | 40 | 1 | 17 | 1424 | 3692 | 2756 | 200 | | 936 | 1120 | 960 | | 1040 | 176 | 940 | 0.40 | 359 | 640 | 960 | ELL | ELL | LCT | LCT | 200 | | 463 | |
| 8 ANGIER | 1919 | 1936 39 | | 51,300 | 26,578 | 1.93 | | 67 | 18 | | 2 | 3076 | 3337 | | 308 | | | 726 | 704 | 613 | 682 | 399 | 484 240 | 242 | 638 | 638 | 054 | 100 ELL | 100 | 308 | | 399 | | | |
| 9 HORACE MANN 10 PEIRCE | 1965 1951 | 1965 38 1955 31 | _ | 44,701 36,110 | 32,822 24,608 | 1.36 | | 85 78 | | 2 | 18 13 | 952 860 | 2664 2400 | 663 | 540 160 | 1932 | 680 | 2664 Platf | 1739 | Music 464 | 300 442 | 140 223 | 307 | 318 | 319 371 | 120 300 | 354 | | Psy | 236 130 | Day | | | | |
| 11 ZERVAS | 1954 | 1953 31 | | 36,006 | 25,296 | 1.47 | | + + | | 4 | 17 | 1130 | 2400 | 003 | 275 | 1732 | 000 | 718 | 759 | Mus | | Adm | 350 | 416 | 984 | 300 | | | LCT | 100 | Psy 125 | | | | |
| 12 CABOT | 1929 | 1959 44 | | 45,095 | 29,185 | 1.55 | 102 | | 12 | 4 | 7 | 1119 | 2525 | 1618 | 300 | | 745 | 929 | 812 | IVIUS | 536 | 231 | 264 | 410 | 832 | 323 | | LOI | LOI | 100 | 337 | | | | |
| 13 MASON-RICE | 1959 | 1959 43 | | 39,000 | 29,135 | 1.34 | 89 | 67 | 1 | - | 18 | 945 | 2400 | 1010 | 464 | 3450 | | Platf | 896 | 778 | | 220 | 505 | | 420 | 100 | | 400 | LCT | 100 | Psy | | Stg | ОТ | |
| | | | • | 00,000 | | | | | • | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Grouping #6 | Built | Ren. En | r. Gr | ross | Net | N-to-G | G/P | N/P | cr | Mod | | | Gym | Multi | Kit | Aud | | Mus | Art | | - | | Fac | _ | LCT | Lit | ELL | | | | | Spec. | Ea/Sn | Incl | Special Programs |
| 1 WILLIAMS | 1950 | 2001 30 | 2 | 41,700 | 26,828 | 1.55 | 138 | 89 | | | 14 | 1874 | 3015 | 1058 | 225 | 2209 | 799 | Stg | 1064 | 828 | 686 | 201 | 1114 | | | 384 | 192 | S&L | 251 | 187 | | 76 | | 168 | |
| 1 UNDERWOOD | 1924 | 1924 28 | | 43,300 | 25,609 | | 150 | | 13 | | 2 | 1191 | 3850 | 1540 | 220 | | | 704 | 704 | 726 | 704 | 311 | 220 | 704 | 704 | 400 | 708 | 200 | 260 | 100 | 100 | 200 | 704 | OT | |
| 2 BURR | 1967 | 1967 40 | 19 | 54,232 | 35,345 | 1.53 | 133 | 86 | | 1 | 17 | 1424 | 3692 | 2756 | 200 | | 936 | 1120 | 960 | Mus | 1040 | 176 | 940 | | 359 | 640 | 960 | ELL | ELL | LCT | LCT | | | 463 | |
| 3 HORACE MANN | 1965 | 1965 38 | 6 | 44,701 | 32,822 | 1.36 | 116 | 85 | | 3 | 18 | 952 | 2664 | | 540 | | | 2664 | 1739 | Music | 300 | 140 | 240 | | 319 | 120 | 354 | ELL | | 236 | | | | | |
| 4 MEM-SPAULDING | 1954 | 2002 45 | | 68,775 | 38,517 | 1.79 | | | | | 23 | 1950 | | 1075 | 552 | 2050 | 738 | 817 | | | | 150 | | 530 | 345 | 828 | 828 | | | | 130 | 345 | 504 | OT | |
| 5 LINCOLN-ELIOT | 1939 | 1975 31 | _ | 51,074 | 26,165 | | 161 | | 5 | | 8 | 1410 | | | 465 | | | | 978 | | | 144 | 378 | | 437 | 210 | 318 | | 284 | 150 | 80 | | | 180 | Pre-K + Plow - 6539 |
| 6 FRANKLIN | 1939 | 1953 40 | | 56,764 | 32,061 | | 142 | | 11 | | 7 | 1956 | | | 378 | | | Multi | | | | | 271 | | | 136 | 253 | | | 210 | | 447 | | | Reach - 1379 |
| 6 WARD | 1928 | 1954 27 | _ | 38,000 | 22,191 | 1.71 | | | 11 | | 5 | 1200 | 2520 | | 260 | | 672 | 667 | | | | 100 | 446 | | 667 | 375 | | | 667 | 100 | | 690 | 270 | 100 | |
| 6 COUNTRYSIDE | 1953 | 1958 49 | _ | 69,600 | 39,108 | | 142 | | 1 | 4 | 23 | 1032 | | 4182 | 769 | | | | | | | | 549 | | | 178 | | 109 | | 118 | | 262 | | 146 | ABA - 1200 |
| 7 ZERVAS | 1954 | 1954 32 | | 36,006 | 25,296 | | 112 | | | 4 | 17 | 1130 | 2400 | | 275 | | | | | | 650 | | 350 | | 984 | | | LCT | LCT | | 125 | | | | |
| 8 BOWEN | 1952 | 2000 44 | | 64,935 | 34,919 | | 145 | | | 1 | 20 | 2135 | 2855 | | | 2542 | | Platf | 1177 | | | | 861 | 160 | | | 277 | | | 125 | | | | | |
| 8 PEIRCE | 1951 | 1955 31 | _ | 36,110 | 24,608 | • | 114 | | | 2 | 13 | 860 | 2400 | 663 | | 1932 | 680 | Platf | | | | | 307 | | 371 | | | 125 | | 130 | Psy | | | | |
| 9 ANGIER | 1919 | 1936 39 | | 51,300 | 26,578 | 1.93 | | 67 | 18 | | 2 | 3076 | 3337 | | 308 | | | | 704 | | | | 484 | 242 | 638 | 638 | | | | | | 399 | | | |
| 9 MASON-RICE | 1959 | 1959 43 | _ | 39,000 | 29,135 | 1.34 | | 67 | 1 | | 18 | 945 | 2400 | | 464 | 3450 | | | | 778 | | | 505 | | 420 | 100 | | 400 | LCT | 100 | | | Stg | ОТ | |
| 10 CABOT | 1929 | 1959 44 | .0 | 45,095 | 29,185 | 1.55 | 102 | 66 | 12 | 4 | 7 | 1119 | 2525 | 1618 | 300 | | 745 | 929 | 812 | | 536 | 231 | 264 | | 832 | 323 | | | | | 337 | | | | |

| | Special Programs |
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| | Special Frograms |
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| New Park Park Park Park 1961 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 1965 19 | |
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| Table Tabl | |
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| 2 COUNTYSIDE 1858 1968 479 39,196 1,78 1,12 80 1 14 22 200 140 173 39,000 175 176 176 176 177 177 177 187 187 187 187 187 187 187 | |
| 2 MAGNARICE 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 | |
| STATE STAT | ABA - 1200 |
| A NAME 1988 1953 201 56.764 22.041 1.77 142 80 11 7 1966 2970 2487 378 878 298 271 10 10 10 10 10 10 10 | |
| \$\frac{4}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac{1}{8}\$\frac | Pre-K + Plow - 6539 |
| SCAROT 1928 1959 940 44,998 23,188 1,595 102 64 12 4 7 1119 2528 1418 300 74,5 292 112 588 221 264 832 322 | Reach - 1379 |
| | |
| Tanksign | |
| Grouping #8 Built Ren. Enr. Gross Net N-to-G G/P N/P cr Mod CR Lib Gym Mutli Kit Aud Sig Mus Art Alt Adm Nur Fac Wrk LCT Lit ELL OT S&L Psy SW Spec_Ea/Sn Incl Signature Signatu | |
| 1 ANGIER 1919 1936 395 51,330 26,578 1.93 130 67 18 2 3076 3337 308 7 726 704 613 682 399 484 242 638 638 100 100 309 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 399 | |
| 1 FRANKLIN 1939 1953 401 55.764 32,061 1.77 142 80 11 7 1956 2907 2457 378 738 741 Multi 702 375 796 299 271 1.00 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.0 | Special Programs |
| 1 FRANKLIN 1939 1953 401 55.764 32,061 1.77 142 80 11 7 1956 2907 2457 378 738 741 Multi 702 375 796 299 271 1.00 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 400 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 1.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.00 4.0 | |
| Indicoline 1939 1975 317 51,074 22,145 1,95 161 83 5 8 1410 355 236 465 100 78 Plow 780 144 378 437 210 318 Inc. 284 150 80 Plow 180 Plow | Reach - 1379 |
| MASON-RICE 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1959 1 | Pre-K + Plow - 6539 |
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| 2 BURR 1967 1967 409 54,232 35,345 1.53 133 86 1 1 17 1424 3692 2756 200 936 1120 960 Mus 1040 176 940 359 640 960 ELL ELL LCT LCT WAS 1968 1968 1965 366 44,701 32,822 1.36 116 85 33 18 952 2664 540 540 540 540 540 540 540 540 540 54 | |
| 3 PEIRCE 1951 1955 316 36,110 2,608 1.47 114 78 2 13 860 2400 663 160 1932 680 Platf 4 442 223 307 318 371 300 125 Psy 130 Psy 4 140 Platf 1158 Psy 130 Psy 13 | |
| 4 HORACE MANN 1965 1965 386 44,701 32,822 1.36 116 85 3 18 952 2664 540 540 540 540 540 540 540 540 540 54 | |
| 5 CABOT 1929 1959 440 45,095 29,185 1.55 102 66 12 4 7 1119 2525 1618 300 745 929 812 536 231 264 832 323 | |
| SCOUNTRYSIDE 1953 1958 490 69,600 39,108 1.78 142 80 1 4 23 1032 2400 4182 769 Platf 1158 Art 684 213 549 542 178 109 118 86 262 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 146 | |
| Serval 1954 1954 321 36,006 25,296 1.42 112 79 4 17 1130 2400 275 718 759 Mus 650 Adm 350 416 984 LCT LCT LCT 100 125 LCT | ABA - 1200 |
| COUNTRYSIDE 1953 1958 490 69,600 39,108 1.78 142 80 1 4 23 1032 2400 4182 769 Platf 1158 Art 684 213 549 542 178 109 118 86 262 146 1 MEM-SPAULDING 1954 2002 458 68,775 38,517 1.79 150 84 23 1950 2400 1075 552 2050 738 817 828 488 150 530 345 828 828 828 828 353 265 130 345 504 OT 2 BOWEN 1952 2000 448 64,935 34,919 1.86 145 78 1 20 2135 2855 316 2542 800 Platf 1177 734 1060 172 861 160 670 277 165 125 | |
| COUNTRYSIDE 1953 1958 490 69,600 39,108 1.78 142 80 1 4 23 1032 2400 4182 769 Platf 1158 Art 684 213 549 542 178 109 118 86 262 146 1 MEM-SPAULDING 1954 2002 458 68,775 38,517 1.79 150 84 23 1950 2400 1075 552 2050 738 817 828 488 150 530 345 828 828 828 828 353 265 130 345 504 OT 2 BOWEN 1952 2000 448 64,935 34,919 1.86 145 78 1 20 2135 2855 316 2542 800 Platf 1177 734 1060 172 861 160 670 277 165 125 125 125 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 130 13 | |
| 1 MEM-SPAULDING 1954 2002 458 68,775 38,517 1.79 150 84 23 1950 2400 1075 552 2050 738 817 828 488 150 530 345 828 828 828 828 353 265 130 345 504 OT 2 BOWEN 1952 2000 448 64,935 34,919 1.86 145 78 1 20 2135 2855 316 2542 800 Platf 1177 734 1060 172 861 160 670 277 165 125 0 1 1 2 2464 540 2464 1739 Music 300 140 240 319 120 354 ELL 236 1 1 1 2 2 2664 540 2 2664 1739 Music 300 140 240 319 120 354 ELL 236 1 1 2 2 2664 540 444 220 555 <th< th=""><th>Special Programs</th></th<> | Special Programs |
| 1 MEM-SPAULDING 1954 2002 458 68,775 38,517 1.79 150 84 23 1950 2400 1075 552 2050 738 817 828 488 150 530 345 828 828 828 353 265 130 345 504 OT 2 BOWEN 1952 2000 448 64,935 34,919 1.86 145 78 1 20 2135 2855 316 2542 800 Platf 1177 734 1060 172 861 160 670 277 165 125 236 5 236 130 345 828 828 828 828 828 828 828 828 828 82 | ABA - 1200 |
| 3 HORACE MANN 1965 1965 386 44,701 32,822 1.36 116 85 3 18 952 2664 540 540 540 540 540 540 540 540 540 54 | |
| 3 MASON-RICE 1959 1959 437 39,000 29,135 1.34 89 67 1 18 945 2400 464 3450 Aud Platf 896 778 444 220 505 420 100 400 LCT 100 Psy Stg OT 4 BURR 1967 1967 409 54,232 35,345 1.53 133 86 1 17 1424 3692 2756 200 936 1120 960 Mus 1040 176 940 359 640 960 ELL ELL LCT LCT 463 | |
| 4 BURR 1967 1967 409 54,232 35,345 1.53 133 86 1 17 1424 3692 2756 200 936 1120 960 Mus 1040 176 940 359 640 960 ELL ELL LCT LCT 463 | |
| | |
| 4 ZERVAS 1954 1954 321 36,006 25,296 1.42 112 79 4 17 1130 2400 275 718 759 Mus 650 Adm 350 416 984 LCT LCT 100 125 | |
| | |
| 5 WILLIAMS 1950 2001 302 41,700 26,828 1.55 138 89 14 1874 3015 1058 225 2209 799 Stg 1064 828 686 201 1114 384 192 S&L 251 187 76 168 | |
| 6 PEIRCE 1951 1955 316 36,110 24,608 1.47 114 78 2 13 860 2400 663 160 1932 680 Platf 464 442 223 307 318 371 300 125 Psy 130 Psy | |
| | Pre-K + Plow - 6539 |
| 8 CABOT 1929 1959 440 45,095 29,185 1.55 102 66 12 4 7 1119 2525 1618 300 745 929 812 536 231 264 832 323 337 337 | |
| | Reach - 1379 |
| 9 WARD 1928 1954 278 38,000 22,191 1.71 137 80 11 5 1200 2520 726 260 667 667 667 667 667 667 667 667 667 6 | |
| 10 ANGIER 1919 1936 395 51,300 26,578 1.93 130 67 18 2 3076 3337 308 726 704 613 682 399 484 242 638 638 100 100 308 399 | |
| 10 UNDERWOOD 1924 1924 289 43,300 25,609 1.69 150 89 13 2 1191 3850 1540 220 704 704 704 726 704 311 220 704 704 400 708 200 260 100 100 200 704 OT | |

| Grouping #10 | Built | Ren. | Enr. | Gross | Net | N-to-G | G/P | N/P | cr | Mod | CR | Lib | Gym | Multi | Kit | Aud | Stg | Mus | Art | Aft | Adm | Nur | Fac | Wrk | LCT | Lit | ELL | OT | S&L | Psy | SW | Spec. | Ea/Sn | Incl | Special Programs |
|------------------------|--------------|------|------|------------------|--------|--------|-----|-----------|----|-----|----|-------------|------|-------|------------|-----------------|------------|--------------|------|------------|------------|------------|------------|------------|------------|-----|-----|------------|-----|------------|---------|-------|-------|------|---------------------|
| 1 ANGIER | 1919 | 1936 | 395 | 51,300 | 26,578 | 1.93 | 130 | 67 | 18 | | 2 | 3076 | 3337 | | 308 | | | 726 | 704 | 613 | 682 | 399 | 484 | 242 | 638 | 638 | | 100 | 100 | 308 | | 399 | | | |
| 2 BOWEN | 1952 | 2000 | 448 | 64,935 | 34,919 | 1.86 | 145 | 78 | | 1 | 20 | 2135 | 2855 | | 316 | 2542 | 800 | Platf | 1177 | 734 | 1060 | 172 | 861 | 160 | 670 | 000 | 277 | 165 | 100 | 125 | | 000 | | | |
| 3 FRANKLIN | 1939 | 1953 | 401 | 56,764 | 32,061 | 1.77 | 142 | 80 | 11 | | 7 | 1956 | 2907 | 2457 | 378 | | 741 | Multi | 702 | 375 | 796 | 299 | 271 | | | 136 | 253 | 592 | 623 | 210 | | 447 | | | Reach - 1379 |
| 4 MEM-SPAULDING | 1954 | 2002 | 458 | 68,775 | 38,517 | 1.79 | | 84 | | | 23 | 1950 | 2400 | 1075 | 552 | 2050 | 738 | 817 | | 828 | 488 | 150 | | 530 | 345 | 828 | 828 | 828 | 353 | 265 | 130 | 345 | 504 | ОТ | |
| 5 WILLIAMS | 1950 | 2001 | 302 | 41,700 | 26,828 | 1.55 | | 89 | | | 14 | 1874 | 3015 | 1058 | 225 | 2209 | 799 | Stg | 1064 | 828 | 686 | 201 | 1114 | | | 384 | 192 | S&L | 251 | 187 | | 76 | | 168 | |
| 6 BURR | 1967 | 1967 | 409 | 54,232 | 35,345 | 1.53 | 133 | 86 | | 1 | 17 | 1424 | 3692 | 2756 | 200 | | 936 | 1120 | 960 | Mus | 1040 | 176 | 940 | | 359 | 640 | 960 | ELL | ELL | LCT | LCT | | | 463 | |
| 7 LINCOLN-ELIOT | 1939 | 1975 | 317 | 51,074 | 26,165 | 1.95 | 161 | 83 | 5 | | 8 | 1410 | 3535 | 2436 | 465 | | | 1000 | 978 | Plow | 780 | 144 | 378 | | 437 | 210 | 318 | Inc. | 284 | 150 | 80 | | | 180 | Pre-K + Plow - 6539 |
| 8 WARD | 1928 | 1954 | 278 | 38,000 | 22,191 | 1.71 | 137 | 80 | 11 | | 5 | 1200 | 2520 | 726 | 260 | | 672 | 667 | 667 | 667 | 768 | 100 | 446 | | 667 | 375 | | 667 | 667 | 100 | 100 | 690 | 270 | 100 | |
| 9 UNDERWOOD | 1924 | 1924 | 289 | 43,300 | 25,609 | 1.69 | 150 | 89 | 13 | | 2 | 1191 | 3850 | 1540 | 220 | | | 704 | 704 | 726 | 704 | 311 | 220 | 704 | 704 | 400 | 708 | 200 | 260 | 100 | 100 | 200 | 704 | OT | |
| 10 ZERVAS | 1954 | 1954 | 321 | 36,006 | 25,296 | 1.42 | 112 | 79 | | 4 | 17 | 1130 | 2400 | | 275 | | | 718 | 759 | Mus | 650 | Adm | 350 | 416 | 984 | | | LCT | LCT | 100 | 125 | | | | |
| 11 CABOT | 1929 | 1959 | 440 | 45,095 | 29,185 | 1.55 | 102 | 66 | 12 | 4 | 7 | 1119 | 2525 | 1618 | 300 | | 745 | 929 | 812 | | 536 | 231 | 264 | | 832 | 323 | | | | | 337 | | | | |
| 12 COUNTRYSIDE | 1953 | 1958 | 490 | 69,600 | 39,108 | 1.78 | 142 | 80 | 1 | 4 | 23 | 1032 | 2400 | 4182 | 769 | | | Platf | 1158 | Art | 684 | 213 | 549 | | 542 | 178 | | 109 | | 118 | 86 | 262 | | 146 | ABA - 1200 |
| 13 HORACE MANN | 1965 | 1965 | 386 | 44,701 | 32,822 | 1.36 | 116 | 85 | | 3 | 18 | 952 | 2664 | | 540 | | | 2664 | 1739 | Music | 300 | 140 | 240 | | 319 | 120 | 354 | ELL | | 236 | | | | | |
| 14 MASON-RICE | 1959 | 1959 | 437 | 39,000 | 29,135 | 1.34 | 89 | 67 | 1 | T | 18 | 945 | 2400 | | 464 | 3450 | Aud | Platf | 896 | 778 | 444 | 220 | 505 | | 420 | 100 | | 400 | LCT | 100 | Psy | | Stg | ОТ | |
| 15 PEIRCE | 1951 | 1955 | 316 | 36,110 | 24,608 | 1.47 | 114 | 78 | | 2 | 13 | 860 | 2400 | 663 | 160 | 1932 | 680 | Platf | | 464 | 442 | 223 | 307 | 318 | 371 | 300 | | 125 | Psy | 130 | Psy | | | | |
| Grouping #11 | Built | Ren. | Enr. | Gross | Net | N-to-G | G/P | N/P | cr | Mod | CR | Lib | Gym | Multi | Kit | Aud | Stg | Mus | Art | Aft | Adm | Nur | Fac | Wrk | LCT | Lit | ELL | ОТ | S&L | Psy | SW | Spec. | Ea/Sn | Incl | Special Programs |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 UNDERWOOD | 1924 | 1924 | 289 | 43,300 | 25,609 | 1.69 | 150 | 89 | 13 | | 2 | 1191 | 3850 | 1540 | 220 | | | 704 | 704 | 726 | 704 | 311 | 220 | 704 | 704 | 400 | 708 | 200 | 260 | 100 | 100 | 200 | 704 | OT | |
| 2 BURR | 1967 | 1967 | 409 | 54,232 | 35,345 | 1.53 | 133 | 86 | | 1 | 17 | 1424 | 3692 | 2756 | 200 | | 936 | 1120 | 960 | Mus | 1040 | 176 | 940 | | 359 | 640 | 960 | ELL | ELL | LCT | LCT | | | 463 | - // -/ |
| 3 LINCOLN-ELIOT | 1939 | 1975 | 317 | 51,074 | 26,165 | 1.95 | | 83 | 5 | | 8 | 1410 | 3535 | 2436 | 465 | | | 1000 | 978 | Plow | 780 | 144 | 378 | | 437 | 210 | 318 | Inc. | 284 | 150 | 80 | | | 180 | Pre-K + Plow - 6539 |
| 4 ANGIER | 1919 | 1936 | 395 | 51,300 | 26,578 | 1.93 | | 67 | 18 | | 2 | 3076 | 3337 | | 308 | | | 726 | 704 | 613 | 682 | 399 | 484 | 242 | 638 | 638 | | 100 | 100 | 308 | | 399 | | | |
| 5 WILLIAMS | 1950 | 2001 | 302 | 41,700 | 26,828 | 1.55 | | | | | 14 | 1874 | 3015 | | 225 | 2209 | 799 | Stg | 1064 | 828 | 686 | | 1114 | | | 384 | 192 | | 251 | 187 | | 76 | | 168 | |
| 6 FRANKLIN | 1939 | 1953 | 401 | 56,764 | 32,061 | 1.77 | | 80 | 11 | | 7 | 1956 | 2907 | 2457 | 378 | | 741 | Multi | 702 | 375 | 796 | 299 | 271 | | | 136 | 253 | 592 | 623 | 210 | | 447 | | | Reach - 1379 |
| 7 BOWEN | 1952 | 2000 | 448 | 64,935 | 34,919 | 1.86 | | | | 1 | 20 | 2135 | 2855 | | 316 | 2542 | 800 | Platf | 1177 | 734 | 1060 | 172 | 861 | 160 | 670 | | 277 | 165 | | 125 | | | | | |
| 8 HORACE MANN | 1965 | 1965 | 386 | 44,701 | 32,822 | 1.36 | | 85 | | 3 | 18 | 952 | 2664 | | 540 | | | 2664 | 1739 | Music | 300 | 140 | 240 | | 319 | 120 | 354 | ELL | | 236 | | | | | |
| 9 CABOT | 1929 | 1959 | 440 | 45,095 | 29,185 | 1.55 | | 66 | 12 | 4 | 7 | 1119 | 2525 | | 300 | | 745 | 929 | 812 | | 536 | 231 | 264 | | 832 | 323 | | | | 100 | 337 | 222 | 070 | 400 | |
| 10 WARD | 1928 | 1954 | 278 | 38,000 | 22,191 | 1.71 | | 80 | 11 | | 5 | 1200 | 2520 | | 260 | | 672 | 667 | 667 | 667 | 768 | 100 | 446 | | 667 | 375 | | 667 | 667 | 100 | 100 | 690 | 270 | 100 | ADA 1000 |
| 11 COUNTRYSIDE | 1953 | 1958 | 490 | 69,600 | 39,108 | 1.78 | | | 1 | 4 | 23 | 1032 | 2400 | | 769 | 0/50 | A l | Platf | 1158 | Art | 684 | 213 | 549 | | 542 | 178 | | 109 | LOT | 118 | 86 | 262 | 01 | 146 | ABA - 1200 |
| 11 MASON-RICE | 1959 | 1959 | 437 | 39,000 | 29,135 | 1.34 | | 67 | 1 | | 18 | 945 1950 | 2400 | | 464 552 | 3450 | Aud | Platf | 896 | 778 | 444 | 220 | 505 | F00 | 420 | 100 | 000 | 400 | LCT | 100 | Psy | 0.45 | Stg | OT | |
| 11 MEM-SPAULDING | 1954 | 2002 | 458 | 68,775 | 38,517 | 1.79 | | 84 | | _ | 23 | 1950 | 2400 | | | 2050 | 738 680 | 817 Platf | | 828 464 | 488 442 | 150 | 007 | 530 | 345 | 828 | 828 | 828 | 353 | 265 | 130 | 345 | 504 | OT | |
| 11 PEIRCE 11 ZERVAS | 1951 1954 | 1955 | 316 | 36,110 36.006 | 24,608 | 1.47 | | 78 79 | | 2 | 13 | 1130 | 2400 | 663 | 160 275 | 1932 | 680 | | 759 | Mus | | 223 Adm | 307 350 | 318 416 | 371 984 | 300 | | 125 LCT | Psy | 130 100 | Psy 125 | | | | |
| 11 ZERVAS | 1954 | 1954 | 321 | 30,000 | 25,296 | 1.42 | 112 | /4 | | 4 | 17 | 1130 | 2400 | | 2/5 | | | 718 | /57 | ivius | 650 | Adm | 350 | 410 | 904 | | | LUI | LCT | 100 | 125 | | | | |
| Grouping #12 | Built | Ren. | Enr. | Gross | Net | N-to-G | G/P | N/P | cr | Mod | CR | Lib | Gym | Multi | Kit | Aud | Stg | Mus | Art | Aft | Adm | Nur | Fac | Wrk | LCT | Lit | ELL | OT. | S&L | Psy | SW | Spec. | Ea/Sn | Incl | Special Programs |
| 1 COUNTRYSIDE | 1953 | 1958 | 490 | 69,600 | 39,108 | 1.78 | 142 | 80 | 1 | 4 | 23 | 1032 | 2400 | 4182 | 769 | | | Platf | 1158 | Art | 684 | 213 | 549 | | 542 | 178 | | 109 | | 118 | 86 | 262 | | 146 | ABA - 1200 |
| 2 MASON-RICE | 1959 | | 437 | 39,000 | 29,135 | 1.34 | | 67 | 1 | | 18 | 945 | | 3450 | 464 | 3450 | Aud | | | | | | 505 | | 420 | 100 | | 400 | LCT | 100 | Psy | | Stg | ОТ | |
| 3 WILLIAMS | 1950 | 2001 | 302 | 41,700 | 26,828 | 1.55 | 138 | 89 | | | 14 | 1874 | 3015 | 3267 | 225 | 2209 | 799 | Stg | 1064 | 828 | 686 | 201 | 1114 | | | 384 | 192 | S&L | 251 | 187 | | 76 | | 168 | |
| 4 MEM-SPAULDING | 1954 | 2002 | 458 | 68,775 | 38,517 | 1.79 | 150 | 84 | | | 23 | 1950 | 2400 | 3125 | 552 | 2050 | 738 | 817 | | 828 | 488 | 150 | | 530 | 345 | 828 | 828 | 828 | 353 | 265 | 130 | 345 | 504 | ОТ | |
| 5 BURR | 1967 | 1967 | 409 | 54,232 | 35,345 | 1.53 | 133 | 86 | | 1 | 17 | 1424 | 3692 | 2756 | 200 | | 936 | 1120 | 960 | Mus | 1040 | 176 | 940 | | 359 | 640 | 960 | | ELL | LCT | LCT | | | 463 | |
| 6 PEIRCE | 1951 | 1955 | 316 | 36,110 | 24,608 | 1.47 | 114 | 78 | | 2 | 13 | 860 | 2400 | 2595 | 160 | 1932 | 680 | Platf | | 464 | 442 | 223 | 307 | 318 | 371 | 300 | | 125 | Psy | 130 | Psy | | | | |
| 7 BOWEN | 1952 | 2000 | 448 | 64,935 | 34,919 | 1.86 | 145 | 78 | | 1 | 20 | 2135 | 2855 | 2542 | 316 | 2542 | 800 | Platf | 1177 | 734 | 1060 | 172 | 861 | 160 | 670 | | 277 | 165 | | 125 | | | | | |
| 8 FRANKLIN | 1939 | 1953 | 401 | 56,764 | 32,061 | 1.77 | 142 | 80 | 11 | | 7 | 1956 | 2907 | 2457 | 378 | | 741 | Multi | 702 | 375 | 796 | 299 | 271 | | | 136 | 253 | 592 | 623 | 210 | | 447 | | | Reach - 1379 |
| 9 LINCOLN-ELIOT | 1939 | 1975 | 317 | 51,074 | 26,165 | 1.95 | 161 | 83 | 5 | | 8 | 1410 | 3535 | 2436 | 465 | | | 1000 | 978 | Plow | 780 | 144 | 378 | | 437 | 210 | 318 | Inc. | 284 | 150 | 80 | | | 180 | Pre-K + Plow - 6539 |
| 10 CABOT | 1929 | 1959 | 440 | 45,095 | 29,185 | 1.55 | 102 | 66 | 12 | 4 | 7 | 1119 | 2525 | 1618 | 300 | | 745 | 929 | | | 536 | 231 | 264 | | 832 | 323 | | | | | 337 | | | | |
| 11 UNDERWOOD | 1924 | 1924 | 289 | 43,300 | 25,609 | 1.69 | | | 13 | | 2 | 1191 | 3850 | 1540 | 220 | | | 704 | 704 | | | 311 | 220 | 704 | 704 | 400 | 708 | | 260 | 100 | 100 | 200 | 704 | OT | |
| 12 WARD | 1928 | | 278 | 38,000 | 22,191 | 1.71 | | | 11 | | 5 | 1200 | 2520 | 726 | 260 | | 672 | 667 | 667 | 667 | | 100 | 446 | | 667 | 375 | | 667 | 667 | 100 | 100 | 690 | 270 | 100 | |
| 13 ANGIER | 1919 | 1936 | 395 | 51,300 | 26,578 | 1.93 | 130 | | 18 | | 2 | 3076 | 3337 | | 308 | | | 726 | 704 | | | 399 | 484 | 242 | 638 | 638 | | 100 | 100 | 308 | | 399 | | | |
| 13 HORACE MANN | 1965 | 1965 | 386 | 44,701 | 32,822 | 1.36 | | | | 3 | 18 | 952 | 2664 | | 540 | | | 2664 | 1739 | | 300 | 140 | 240 | | 319 | 120 | 354 | | | 236 | | | | | |
| 13 ZERVAS | 1954 | 1954 | 321 | 36,006 | 25,296 | 1.42 | 112 | 79 | | 4 | 17 | 1130 | 2400 | | 275 | | | 718 | 759 | Mus | 650 | Adm | 350 | 416 | 984 | | | LCT | LCT | 100 | 125 | | | | |



Educational Space Needs Rating

Newton Elementary Schools: Educational Space Needs Rating-2011

| Rating | School | Net | N-G | G/P | N/P | cr | CR | Lib | Gym | Multi /Aud | Total |
|--------|---------------|-----|-----|-----|-----|----|----|-----|-----|---------------|-------|
| 1 | BURR | 3 | 5 | 7 | 2 | 1 | 4 | 6 | 2 | 5 | 35 |
| 1 | WILLIAMS | 9 | 6 | 5 | 1 | 1 | 5 | 5 | 5 | 3 | 40 |
| 1 | MEM-SPAULD | 2 | 11 | 2 | 4 | 1 | 1 | 4 | 11 | 4 | 40 |
| 1 | BOWEN | 4 | 12 | 3 | 8 | 1 | 2 | 2 | 7 | 7 | 46 |
| 2 | COUNTRYSIDE | 1 | 10 | 4 | 6 | 2 | 1 | 12 | 11 | 1 | 48 |
| 2 | FRANKLIN | 6 | 9 | 4 | 6 | 4 | 8 | 3 | 6 | 8 | 54 |
| 2 | HORACE MANN | 5 | 2 | 9 | 3 | 1 | 3 | 13 | 8 | 13 | 57 |
| 3 | UNDERWOOD | 12 | 7 | 2 | 1 | 6 | 10 | 9 | 1 | 11 | 59 |
| 3 | LINCOLN-ELIOT | 11 | 14 | 1 | 5 | 3 | 7 | 7 | 3 | 9 | 60 |
| 3 | MASON-RICE | 8 | 1 | 13 | 9 | 2 | 3 | 14 | 11 | 2 | 63 |
| 4 | ZERVAS | 13 | 3 | 11 | 7 | 1 | 4 | 10 | 11 | 13 | 73 |
| 4 | PEIRCE | 14 | 4 | 10 | 8 | 1 | 6 | 15 | 11 | 6 | 75 |
| 4 | ANGIER | 10 | 13 | 8 | 9 | 7 | 10 | 1 | 4 | 13 | 75 |
| 4 | CABOT | 7 | 6 | 12 | 10 | 5 | 8 | 11 | 9 | 10 | 78 |
| 4 | WARD | 15 | 8 | 6 | 6 | 4 | 9 | 8 | 10 | 12 | 78 |

Note: Comparing the schools within these nine categories provides the rating of the educational space needs of each school.

Net = building's net square feet

N-to-G = net to gross ratio G/P = gross square feet per pupil

N/P = net square feet per pupil
cr = number of inadequately sized classrooms
CR = number of appropriately sized classrooms (greater than 800 sf),

inclusive of modular classrooms

Lib = library sf (square feet)

Gym = gymnasium sf

Multi/Aud = multi-purpose room AND auditorium sf combined



Projected Enrollment Population Growth Rating - 2011

| Rating | l | 2006-07 ¹ actual | 2011-12 ² projection | Change | % Change | 2011-12 ³ actual | Change | % Change | 2016-17 ⁴ projection | Change | % Change |
|--------|---------------------------|--------------------------------|---------------------------------|--------|----------|--------------------------------|--------|------------|------------------------------------|--------|----------|
| | ELEMENTARY SCHOOLS | | | | | | | | | | |
| 1 | Countryside | 437 | 565 | 128 | 29% | 490 | 53 | 12% | 410 | -80 | -16% |
| 1 | Williams | 295 | 303 | 8 | 3% | 302 | 7 | 2% | 272 | -30 | -10% |
| 1 | Cabot | 420 | 494 | 74 | 18% | 440 | 20 | 5% | 398 | -42 | -10% |
| 1 | Mason-Rice | 372 | 380 | 8 | 2% | 437 | 65 | 17% | 424 | -13 | -3% |
| 1 | Franklin | 414 | 507 | 93 | 22% | 401 | -13 | -3% | 417 | 16 | 4% |
| 1 | Memorial-Spaulding | 443 | 529 | 86 | 19% | 458 | 15 | 3% | 477 | 19 | 4% |
| 1 | Underwood | 288 | 391 | 103 | 36% | 289 | 1 | 0% | 301 | 12 | 4% |
| 1 | Lincoln-Eliot | 281 | 422 | 141 | 50% | 317 | 36 | 13% | 331 | 14 | 4% |
| 1 | Peirce | 324 | 343 | 19 | 6% | 316 | -8 | -2% | 332 | 16 | 5% |
| 1 | Ward | 237 | 223 | -14 | -6% | 278 | 41 | 17% | 296 | 18 | 6% |
| 2 | Angier | 379 | 380 | 1 | 0% | 395 | 16 | 4% | 435 | 40 | 10% |
| 2 | Bowen | 413 | 586 | 173 | 42% | 448 | 35 | 8% | 497 | 49 | 11% |
| 2 | Horace Mann | 350 | 334 | -16 | -5% | 386 | 36 | 10% | 433 | 47 | 12% |
| 2 | Zervas | 332 | 410 | 78 | 23% | 321 | -11 | -3% | 366 | 45 | 14% |
| 2 | Burr | 333 | 409 | 76 | 23% | 409 | 76 | 23% | 473 | 64 | 16% |
| | ELEMENTARY TOTALS | 5318 | 6276 | 958 | 18% | 5687 | 369 | 7 % | 5862 | 175 | 3% |
| | MIDDLE SCHOOLS | | | | | | | | | | |
| 1 | Day | 747 | 925 | 178 | 24% | 845 | 98 | 13% | 840 | -5 | -1% |
| 1 | Oak Hill | 567 | 672 | 105 | 19% | 612 | 45 | 8% | 623 | 11 | 2% |
| 2 | Bigelow | 495 | 527 | 32 | 6% | 533 | 38 | 8% | 587 | 54 | 10% |
| 2 | Brown | 665 | 721 | 56 | 8% | 677 | 12 | 2% | 773 | 96 | 14% |
| | MIDDLE TOTALS | 2474 | 2845 | 371 | 15% | 2667 | 193 | 8% | 2823 | 156 | 6% |

Source: Newton School Department
 Source: Newton School Department - Projected from 2006
 Source: Newton School Department - November 2011 Enrollment Analysis 2011-12 Enrollment
 Source: Newton School Department - Projected from 2011

The Newton schools were assessed in three categories:

- · Facility Condition
- Educational Space Needs
- Projected Enrollment Growth

A numerical evaluation was assigned to each category for each property. An evaluation rating of 1, 2, 3 or 4 was used, with a 1 rating for the lowest level of need in that category and a 4 rating for the highest level of need.

Facility Condition is a composite evaluation of the building, the systems, and the site conditions. Within the systems condition are three separate evaluations for mechanical, electrical and plumbing/fire protection systems. In order to give appropriate weight to each separate rating in the composite total, the overall building condition accounts for 3 points while the systems and site each account for 1 point of the overall Facility Condition. So the Facility Condition (FC) is derived by the following formula:

```
FC = (Building\ Condition\ x\ 3) + Mechanical + Electrical + Plumbing/Fire\ Protection + Site
```

For example, for Angier: Building Condition: 3.5

Systems Condition: mech 4, elec 3, plumb/fp 4

Site Condition: 3

$$(3.5 \times 3) + 4 + 3 + 4 + 3 = 3.5$$
 Facility Condition 7

See Appendix F, Facility Assessments for the detailed information used to assign the ratings to each category of each property.

Educational Space Needs evaluation was determined by creating a matrix of categories (see Appendix G), then sorting and ranking the schools in descending order on the basis of their adequacy in the following 10 categories, with a ranking of 1 being the best and 15 being the worst. The categories are:

- (1) net area
- (2) net-to-gross ratio
- (3) gross area per pupil
- (4) net area per pupil
- (5) number in educationally inadequate classrooms
- (6) number of modular classrooms
- (7) number of educationally acceptable classrooms
- (8) size of library
- (9) size of gymnasium and
- (10) the combined size of the multi-purpose room and/or auditorium.

See Appendix H for a summary of each elementary school's ranking within the ten categories identified.

Projected Enrollment Growth rating compares the current enrollment at each school with its expected enrollment in 5 years. This growth is reflected as a percentage change. Those schools with the highest percentage change are rated 4 and those with the lowest are rated 1. See Appendix I for the complete chart. This rating does not reflect the current overcrowding that exists at 11 of the 15 elementary schools and one middle school. A column titled Current Capacity indicates the overcrowding needs. Current capacity is determined by assuming that the programs taught remain the same, the modular classrooms are not included in the calculation, and a factor of 40 sf per pupil per classroom is used to calculate the number of students that the building is able to accommodate within current space standards.

Existing Schools Assessment - Summary Spreadsheet

Note: updated information in BOLD and red

Newton Existing Schools Assessment - 2011

| | Year Built/ | | Buildii | ng | | | | | | Facility C | ondition | Educational | Current | | | | |
|----------------------|------------------------|--------------------------------|---------|--------------------------|-----------|-----------------------------|----------------|---------|--------------------|-----------------|------------------------|--------------------|--------------|---------|------------------------------------|--------------------------------|-----------------------------------|
| School Name | Additions ¹ | Modulars ³ | Condit | tion | + Systems | s Condi | tion + | Site Co | ndition = | Total | | Space Needs | Capacity *** | | Enrollmer | nt | |
| Elementary: | | Existing Proposed | Rating* | Gross Sq Ft ¹ | Mechan- | Rating* Pl ectrical g | umbin /Eiro | Rating* | Acres ² | HMFH Rating* | 2010 MSBA Rating | HMFH Rating** | w/o Mods | w/ Mods | 2011/12 Enrollment ³ | 5-yr Projected ³ | Projected Growth Rating**** |
| 1 Angier | 1919/1936 | | 3.5 | 51,300 | 4 | 3 | 4 | 3 | 1.98 A | 3.5 | | Kating 4 | 340 | | 395 | 435 | 2 |
| - | | | | | · | | | | | | | | | | | | |
| 2 Bowen | 1952/1989/2000 | 2007(1) | 1.5 | 64,953 | 4 | 3 | 3 | 2 | 11.54 A | 2.4 | 2 | 1 | 426 | 449 | 448 | 497 | 2 |
| 3 Burr | 1967 | 2011(1) | 3 | 54,232 | 3 | 3 | 3 | 3 | 8.65 A | 3.0 | 2 | 1 | 401 | 428 | 409 | 473 | 2 |
| 4 Cabot | 1929/1957 | 1991(2) 2007(2) | 3.5 | 45,095 | 4 | 3 | 4 | 3 | 1 A | 3.5 | 3 | 4 | 339 | 384 | 440 | 398 | 1 |
| 5 Countryside | 1953/1958/1988 | 1991/1999(4) | 3 | 69,600 | 4 | 3 | 4 | 3 | 7.39 A | 3.3 | 2 | 2 | 409 | 499 | 490 | 410 | 1 |
| 6 Franklin | 1939/1950/1953 | | 2 | 56,764 | 4 | 3 | 4 | 2.5 | 5.45 A | 2.8 | 2 | 2 | 356 | | 401 | 417 | 1 |
| 7 Horace Mann | 1965 | 2002(2) 2011(1) 2007(1) | 3.5 | 54,701 | 3 | 3 | 3 | 2 | 1.59 A | 3.1 | 2 | 2 | 331 | 397 | 386 | 433 | 2 |
| 8 Lincoln-Eliot | 1939/1965/1974 | | 3 | 51,074 | 4 | 3 | 4 | 2 | 4 A | 3.1 | 1 | 3 | 273 | | 317 | 331 | 1 |
| 9 Mason-Rice | 1959 | | 3 | 39,000 | 3 | 3 | 3 | 3 | 3.99 A | 3.0 | 2 | 3 | 420 | | 437 | 424 | 1 |
| 10 Memorial-Spauldin | g 1954/1959/2002 | | 1.5 | 68,775 | 3 | 3 | 3 | 3 | 5.59 A | 2.4 | 1 | 1 | 506 | | 458 | 477 | 1 |
| 11 Peirce | 1951/1955 | 2007(2) | 2 | 36,110 | 4 | 3 | 4 | 2 | 3.68 A | 2.7 | 1 | 4 | 271 | 316 | 316 | 332 | 1 |
| 12 Underwood | 1924 | | 2 | 43,300 | 4 | 3 | 4 | 3 | 1 A | 2.9 | 1 | 3 | 280 | | 289 | 301 | 1 |
| 13 Ward | 1928/1950/1954 | | 3.5 | 38,000 | 4 | 3 | 4 | 3 | 3.16 A | 3.5 | 2 | 4 | 298 | | 278 | 296 | 1 |
| 14 Williams | 1950/2001 | | 1.5 | 41,700 | 4 | 2 | 4 | 3 | 2 A | 2.5 | 1 | 1 | 319 | | 302 | 272 | 1 |
| 15 Zervas | 1954 | 1991(1) 2011(2) 2007(2) | 3 | 36,006 | 4 | 3 | 4 | 2 | 5.28 A | 3.1 | 2 | 4 | 283 | 373 | 321 | 366 | 2 |
| Middle: | | | | | | | | | | | S | ubtotal Elementary | 5,252 | | 5,687 | 5,862 | |
| 1 Bigelow Middle | 1967/1993-opened MS | | 2 | 92,500 | 4 | 2 | 4 | 3 | 2.81 A | 2.7 | 2 | 1 | 500 | | 533 | 587 | 2 |
| 2 Brown Middle | 1956/1962/1982/1997 | | 2 | 146,000 | 4 | 2 | 4 | 2 | 8.27 A | 2.6 | 2 | 1 | 850 | | 677 | 773 | 2 |
| 3 Day Middle | 1971/1997-infill add | | 2 | 145,600 | 4 | 2 | 3 | 2 | 8.57 A | 2.4 | 2 | 1 | 900 | | 845 | 840 | 1 |
| 4 Oak Hill Middle | 1936/1997-opened MS | 2010(4) | 1.5 | 96,000 | 2 | 1 | 2 | 2 | 8.04 A | 1.6 | 1 | 1 | 550 | 650 | 612 | 623 | 1 |
| Out | | | | | | | | | | | S | ubtotal Middle | 2,800 | | 2,667 | 2,823 | |
| Other: 1 Carr | 1936/1960 | | 3 | 49,000 | 4 | 3 | 4 | 3 | 4.85 A | 3.3 | - | - | - | | - | - | - |
| 2 Education Center | 1928/1934 | 1966 | 2.5 | 70,000 | 4 | 3 | 4 | 3 | 3.78 A | 3.1 | 2 | 4 | - | | _ | - | - |
| | Totals | | | 1,349,710 | | | | | | | | | 8,052 | 8,538 | 8,354 | 8,685 | |

¹ Source: Newton Public Buildings Department

² Source: Newton Assessors

³ Source: Newton School Department

^{*}Key to Rating for Condition:

^{1 =} New or in good condition with ordinary maintenance required

^{2 =} Good condition with minor repairs required

^{3 =} Fair condition with repairs or replacement required

^{4 =} Poor condition with replacement required See Appendix F for detailed Facility Assessments

^{***} Current capacity maintains **See Appendices G and existing programs, does not include H for further information. temporary classrooms, and uses a factor of 40 sf per pupil per classroom.

^{****}Key to Rating for Projected Growth:

^{1 = 5}-year projected change percentage < 10

^{2 = 5}-year projected change percentage of 10-25

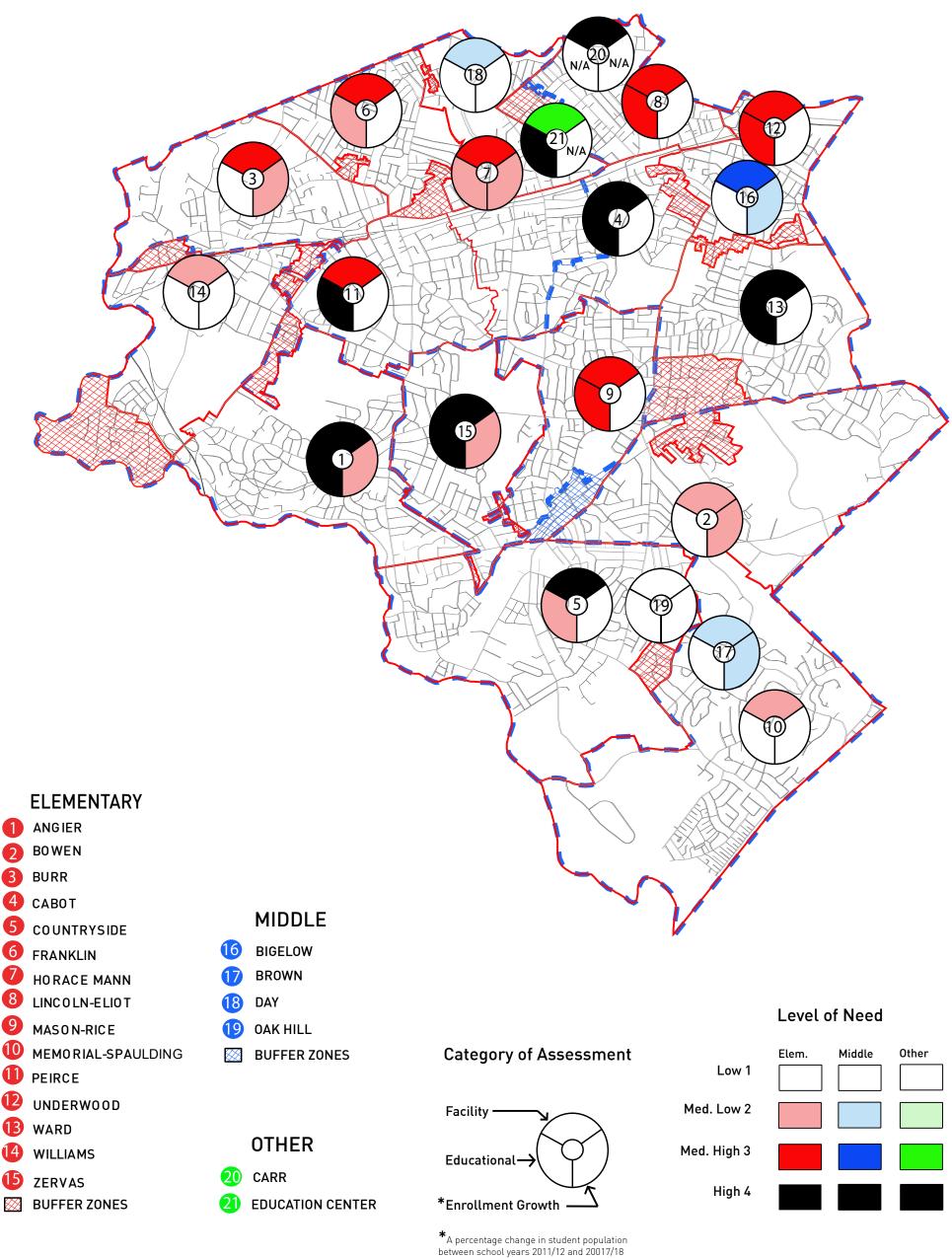
^{3 = 5}-year projected change percentage of 26-40

^{4 = 5}-year projected change percentage >41

See Appendix I for further information



Existing Schools Assessment - Graphic Representation



Newton Schools Study

Existing Schools Assessment - Update October 2011

See **Appendix J** Summary Spreadsheet



Capacity vs. Enrollment

Capacity vs. Enrollment - 2011

| Rating | | 2006-07 ¹ actual | 2016-17 ⁴ projection | Change | % Change | Capacity* |
|--------|--------------------|--------------------------------|------------------------------------|--------|----------|--------------------|
| | ELEMENTARY SCHOOLS | | | | | |
| 1 | Williams | 295 | 272 | -23 | -8% | 319 |
| 1 | Countryside | 437 | 410 | -27 | -6% | 499 |
| 1 | Cabot | 420 | 398 | -22 | -5% | 384 |
| 1 | Franklin | 414 | 417 | 3 | 1% | 356 |
| 1 | Peirce | 324 | 332 | 8 | 2% | 316 |
| 1 | Underwood | 288 | 301 | 13 | 5% | 280 |
| 1 | Memorial-Spaulding | 443 | 477 | 34 | 8% | 506 |
| 2 | Zervas | 332 | 366 | 34 | 10% | 373 |
| 2 | Mason-Rice | 372 | 424 | 52 | 14% | 420 |
| 2 | Angier | 379 | 435 | 56 | 15% | 340 |
| 2 | Lincoln-Eliot | 281 | 331 | 50 | 18% | 273 |
| 2 | Bowen | 413 | 497 | 84 | 20% | 449 |
| 2 | Horace Mann | 350 | 433 | 83 | 24% | 397 |
| 2 | Ward | 237 | 296 | 59 | 25% | 298 |
| 4 | Burr | 333 | 473 | 140 | 42% | 428 |
| | ELEMENTARY TOTALS | 5318 | 5862 | 544 | 10% | 5638 |
| | MIDDLE SCHOOLS | | | | | |
| 2 | Oak Hill | 567 | 623 | 56 | 10% | 650 |
| 2 | Day | 747 | 840 | 93 | 12% | 900 after addition |
| 2 | Brown | 665 | 773 | 108 | 16% | 850 |
| 2 | Bigelow | 495 | 587 | 92 | 19% | 500 |
| | MIDDLE TOTALS | 2474 | 2823 | 349 | 14% | 2900 |

^{*} Capacity reflects 40 sf/ pupil in general classroom spaces only; it does not reflect other educational space deficiencies for special education, etc.

⁼ indicates school currently or are projected to be overcrowded