

CITY OF NEWTON

IN BOARD OF ALDERMEN

PROGRAMS AND SERVICES COMMITTEE AGENDA

WEDNESDAY, NOVEMBER 9, 2011

7:45 PM Room 222, 209

Chairman's Note: The Committee will be joining the Public Facilities Committee in room 209 for the discussion of item #367-10.

ITEMS SCHEDULED FOR DISCUSSION:

Appointment by His Honor the Mayor

#277-11 MARVA SEROTKIN, 31 Brooks Avenue, Newtonville, appointed to the Advisory Council of Health and Human Services for a term of office to expire December 1, 2014 (60 days 12/02/11). [09/26/11 @9:37AM]

Public Hearing to be assigned:

#296-11 HIS HONOR THE MAYOR submitting a reorganization plan pursuant to City Charter §6-2 to change the assignment of responsibility of the Inspector of Weights and Measures from the Veterans' Services Department to the Department of Health and Human Services. [10-11-11@4:40PM]
N. B. *The Committee shall not more than 30 days from today (11/16/11) hold a public hearing on the proposed reorganization and shall report no later than the second regular meeting of the Board of Aldermen following the hearing either that it approves or that it disapproves of the plan; said reorganization shall become effective ninety days (1/12/12) after the date it is received by the Board unless the Board has prior to that date voted to disapproved the plan or unless a later effective date is specified in the plan.*

Public Hearing to be assigned:

#297-11 HIS HONOR THE MAYOR submitting a reorganization plan pursuant to City Charter §6-2 to change the assignment of responsibility of the Licensing Board of Commissioners Administrative Director/Agent from the Veterans' Services Department to the Department of Health and Human Services. [10-11-11@4:40PM]
N. B. *The Committee shall not more than 30 days from today (11/16/11) hold a public hearing on the proposed reorganization and shall report no later than the second regular meeting of the Board of Aldermen following the hearing either that it approves or that it disapproves of the plan; said reorganization shall become effective ninety days (1/12/12) after the date it is received by the Board unless the Board has prior to that date voted to*

The location of this meeting is handicap accessible and reasonable accommodations will be provided to persons requiring assistance. If you have a special accommodation need, contact the Newton ADA Coordinator Trisha Guditz at 617-796-1156 or tguditz@newtonma.gov or via TDD/TTY at (617) 796-1089 at least two days in advance of the meeting.

disapproved the plan or unless a later effective date is specified in the plan.

#357-10(2) ALD. YATES proposing a change in the proposed rule to eliminate the Committee on Community Preservation: community preservation items relating to housing and recreation shall be referred to the Programs and Services Committee; items relating to historic preservation and open space shall be referred to the Zoning and Planning Committee; all items shall then be referred to the Finance Committee. [12/6/2010 @ 10:57PM]
REPORTED BACK TO PROG/SERV FROM RULES ON 6/8/2011

#334-11 ALD. LENNON & LAPPIN requesting that Article 1 Section 3(6)(d) of the Rules of the Board of Aldermen be amended to raise the limit on budget transfers or appropriations that need only be referred to finance from \$20,000 to \$50,000 and to add language to allow referral of all requests for changes to a funding source for previously discussed items to be referred only to finance.

REFERRED TO PROG & SERV, PUBLIC FACIL. AND FINANCE COMMITTEES

#367-10 HIS HONOR THE MAYOR requesting authorization to appropriate an amount not to exceed five million dollars (\$5,000,000) from bonded indebtedness for the following:
(B) installation of up to six modular classrooms at five elementary schools as well as the addition of permanent classrooms and renovations to the core of F.A. Day Middle School. [11/29/10 @ 3:23 PM]
Note: Seventy-five thousand dollars (\$75,000) of the \$5 million was approved on December 20, 2010 for site plan design work for modular classrooms at Horace Mann, Zervas, and Burr Elementary Schools and \$923,375 for installation of one modular classroom at Burr Elementary School, one modular classroom at Horace-Mann Elementary School, and two modular classrooms at Zervas Elementary School was approved on July 11, 2011.
367-10(B2) – \$4,001,625 for renovations to the core of F.A. Day Middle School and sprinkler systems –**HELD**
Note: The Mayor is proposing appropriations of \$643,500 for the design and other related expenses associated with the building renovation to FA Day Middle School, \$86,545 for the final cost of the construction and installation of the four modular classrooms at Horace Mann, Zervas, and Burr Elementary Schools, and \$102,117 for the design for sprinkler systems for the Horace Mann, Zervas, and Burr Elementary Schools from the remaining \$4,001,625.

ITEMS NOT YET SCHEDULED FOR DISCUSSION:

REFERRED TO PROGRAMS & SERVICES AND FINANCE COMMITTEES

#363-11 HIS HONOR THE MAYOR requesting authorization to appropriate and expend the sum of one hundred thousand dollars (\$100,000) from bonded

indebtedness for the purpose of funding the mechanical and electrical repairs to the Gath Pool. [10/31/11 @ 2:48 PM]

REFERRED TO PROGRAMS & SERVICES AND FINANCE COMMITTEES

- #364-11 HIS HONOR THE MAYOR requesting authorization to appropriate and expend the sum of one hundred fifty thousand dollars (\$150,000) from bonded indebtedness for the purpose of funding improvements to the Bobby Braceland Playground in Newton Upper Falls. [10/31/11 @ 2:48 PM]

The following item was filed after the close of the docket and requires a suspension of the Rules to be referred to Committee(s):

REFERRED TO PROGRAMS & SERVICES AND FINANCE COMMITTEES

- #365-11 HIS HONOR THE MAYOR requesting authorization to transfer the sum of thirty-two thousand dollars (\$32,000) from the Health and Human Services Consultant Account to the Health and Human Services Part-time Work Account. [11-01-11 @2:12 PM]

REFERRED TO FINANCE AND APPROPRIATE COMMITTEES

- #383-11 HIS HONOR THE MAYOR submitting the FY13-FY17 Capital Improvement Program, totaling pursuant to section 5-3 of the Newton City Charter and the FY12 Supplemental Capital budget which require Board of Aldermen approval to finance new capital projects over the next several years. [10/31/11 @ 3:12 PM]

REFERRED TO PROG & SERV AND PUBLIC FACILITIES COMMITTEES

- #245-10 ALD. SCHNIPPER requesting discussion with National Grid regarding the possible damage to trees as a result of gas leaks. [09/01/10 4:00 PM]
- #205-11 ALD. SANGIOLO, GENTILE, HARNEY, LINSKY requesting a discussion with the School Committee regarding a proposal to enter into contractual relationships with the Newton Schools Foundation to sell naming rights on behalf of the Newton Public Schools. [06/22/2011 @ 8:32AM]
- #275-11 ALD. LAPPIN AND LENNON requesting an addition to the Board of Aldermen's rules to require that the Board of Aldermen review the salary of the City Clerk/Clerk of the Board of Aldermen during a 90 day period following the Clerk's election pursuant to Sec. 4-20 of the City of Newton Rev Ord, 2007. [09/22/11 @1:50PM]

REFERRED TO PROGRAMS & SERVICES AND FINANCE COMMITTEES

- #273-08 ALD. JOHNSON proposing a RESOLUTION to His Honor the Mayor requesting that the Executive and Human Resources Departments develop a comprehensive human capital strategy for the city to include: performance management, talent development, succession planning, and compensation. [07/17/08 @ 9:53 AM]

FINANCE VOTED NO ACTION NECESSARY ON 3/8/10

- #205-11 ALD. SANGIOLO, GENTILE, HARNEY, LINSKY requesting a discussion with the School Committee regarding a proposal to enter into contractual relationships with the Newton Schools Foundation to sell naming rights on behalf of the Newton Public Schools. [06/22/2011 @ 8:32AM]
- #373-10 ALD. GENTILE, HARNEY, SANGIOLO requesting amendment to §20-13, *Noise Control*, of the City of Newton Revised Ordinances to prohibit outdoor athletic events from starting before 7 AM and increase the maximum fine to \$300. [12-10-10 @ 12:53 PM]
- #207-08(2) PROGRAMS & SERVICES COMMITTEE requesting discussion with the Executive Department and various City Department heads regarding use of debt exclusions to address city needs. [03-14-11 @ 10:26AM]
- #95-09(2) PROGRAMS & SERVICE COMMITTEE requesting establishment of an Advisory Committee to review processes of the Board of Aldermen and report recommended efficiency improvements to the Board of Aldermen. Members of the Advisory Committee shall be appointed by the Chairman and Vice Chairman of the Programs & Services Committee and the President of the Board. [11/16/09 @ 3:59 PM]
- #114-11(2) ALD. HESS-MAHAN & ALD. SALVUCCI requesting a discussion on the definition of “tot lot” in the ordinance and whether there are other play areas/structures which should be protected from the presence of dogs.

REFERRED TO PROG & SERV, PUB FACIL. & FINANCE COMMITTEES

- #130-11 PAUL COLETTI, ALD. SANGIOLO, DANBERG, & JOHNSON requesting Home Rule Legislation to create a Capital Preservation Fund for the City of Newton modeled on the Community Preservation Fund to address the capital needs of the City. [04/11/11 @9:42 PM]
FINANCE VOTED NO ACTION NECESSARY ON 10/12/11
PUBLIC FACILITIES VOTED NO ACTION NECESSARY ON 10/19/11

REFERRED TO PROG & SERV. AND PUB. FACIL. COMMITTEES

- #99-11 ALD. ALBRIGHT, JOHNSON, and DANBERG requesting that the Department of Public Works coordinate data on the impact of the snow removal ordinance from the Department of Public Works, Parks and Recreation Department, Executive Office, and Senior Services into a monthly report for the winters 2012 and 2013, which will be sent to the Public Facilities Committee of the Board of Aldermen that includes the following data: (1) the number of people requesting exemptions; (2) the number of exemptions awarded; (3) the number of warning letters sent; (4) the ability of the City to maintain the same standard regarding treating the surface to preserve safe passage; and (5) cost of the implementation of the program.

REFERRED TO FINANCE AND PROGRAMS AND SERVICES COMMITTEES

- #245-06 ALD. JOHNSON AND HESS-MAHAN requesting an amendment to the City Charter to require the Mayor annually to prepare and submit to the Board of Aldermen a long-term financial forecast of anticipated revenue, expenditures and the general financial condition of the City, including, but not limited to identification of any factors which will affect the financial condition of the City; projected revenue and expenditure trends; potential sources of new or expanded revenues; anticipated municipal needs likely to require major expenditures; and a strategic plan for meeting anticipated municipal needs, to include, but not be limited to, any long or short-term actions that may be taken to enhance the financial condition of the City.
FINANCE VOTED NO ACTION NECESSARY ON 3/8/10
REFERRED TO FINANCE 02/23/2011

REFERRED TO PROGRAMS & SERVICES AND FINANCE COMMITTEES

- #422-06(2) ALD. HESS-MAHAN requesting that a task force be established to meet and prepare a report and recommendations regarding the regulation of noise, air pollution and best practices with respect to the operation of power equipment used in landscaping, property and yard maintenance, including, without limitation, leaf blowers. [01/27/09 @ 3:47 PM]
- #306-08 ALD. BAKER, DANBERG, MANSFIELD & PARKER requesting discussion of how swimming at Crystal Lake might be lawfully and safely extended beyond mid-August. [08/26/08 @ 5:03 PM]

REFERRED TO LAND USE AND PROGRAMS & SERVICES COMMITTEES

- #474-08(2) ALD. HESS-MAHAN & VANCE proposing that Article X of the Rules & Orders of the Board of Aldermen be amended to conform with a proposed amendment to Chapter 30 re transfer of the special permit granting authority to the Zoning Board of Appeals and/or the Planning & Development Board for projects that are not classified as Major Projects pursuant to Article X.
REFERRED TO RULES SUBCOMMITTEE
LAND USE VOTED NO ACTION NECESSARY on 11/1/11
- #287-07(2) ALD. PARKER requesting a discussion with Parks and Recreation Department in regards to an appropriate marker or plaque to honor and recognize Olympic figure skater and Newton resident Tenley Albright and her skating exhibition at the Crystal Lake upon her return from the 1956 Olympic Games where she won a gold medal. [09/20/07 @ 1:22 PM]
- #370-06 ALD. SANGIOLO, PARKER, MANSFIELD requesting home rule legislation to allow advisory questions to be asked in a Newton special election.
- #298-09 ALD. MANSFIELD proposing Home Rule Legislation to amend **Article 2, Section 2-1(c) Composition; Eligibility; Election and Term** of the Newton Charter to establish four-year terms for Aldermen-at-Large with

the provision for one Aldermen-at-Large to be elected from each ward at each biennial municipal election. [09-29-09 @ 6:45 PM]

REFERRED TO PROGRAMS & SERVICES AND FINANCE COMMITTEES

#270-08 ALD. JOHNSON proposing a RESOLUTION to His Honor the Mayor requesting that he work with the Board of Aldermen, School Department, and School Committee in order to determine the most effective and efficient way to organize the Information Technology Departments. [07/17/08 @ 9:53 AM]

FINANCE VOTED NO ACTION NECESSARY ON 3/8/10

REFERRED TO PROG. & SERV., PUB.FAC. AND FINANCE COMMITTEES

#89-08 ALD. PARKER requesting the following:

- A) review of the maintenance practices for buildings, parks and other properties owned by the City (including School Department facilities and grounds)
- B) development of a comprehensive maintenance plan that includes regular schedules for preventive maintenance for each specific site or facility
- C) a RESOLUTION requesting that implementation of said maintenance plan be funded using operating budget funds.

[02/13/08 @ 12:07 PM]

FINANCE VOTED NO ACTION NECESSARY ON 3/8/10

PUBLIC FACILITIES NO ACTION NECESSARY ON 11/3/10

#329-05(3) ALD. YATES requesting a discussion relative to amending the noise control ordinance to (A) prohibit the cumulative noise level from multiple pieces of equipment operating simultaneously on the same site to exceed the maximum noise levels allowed when measured at the nearest lot line and (B) to eliminate various exemptions in residential districts.

Respectfully Submitted,

Amy Sangiolo, Chairman

MARVA SEROTKIN

EXPERIENCE:

1997 - Present

PRESIDENT AND CHIEF EXECUTIVE OFFICERThe Boston Home, Boston, MA.

Chief Executive of specialized long-term care organization for adults with disabilities. Reorganized and revitalized management and clinical team and processes. Strategic planning led to implementation of community-based care management programs, \$9m expansion and renovation of facility, implementation of nationally recognized clinical, quality of life and assistive technology programs. Recent initiatives include implementation of innovative day program, outpatient services, The Boston Home Institute for research, education and advocacy. Compliance and Ethics Committees instituted and oversee key organizational functions led by Board Chairs. Organized first fundraising and community development program leading to significant local and national media coverage. Designated Center of Excellence by NMSS.

1994 - 1997

PRESIDENT AND CHIEF EXECUTIVE OFFICERCura Visiting Nurse Association, Inc., Plymouth, MA.

Chief Executive of comprehensive home health and community services organization serving 11 towns in southeastern Massachusetts.

- Managed financial turnaround with positive bottom line after four years of losses.
- Negotiated contracts with hospitals, nursing homes, case management companies.
- Achieved first JCAHO accreditation.
- Reorganized Board of Directors and implemented Board education program.
- Implemented agency wide QI Program.

1990 - 1993

VICE PRESIDENT, INTEGRATED HEALTH SERVICESSymmes Hospital, Arlington, MA.

Key administrative officer for new business development including site development and external relations. Managed operating divisions including imaging, plant operations, emergency services, surgical services, rehabilitation services, and ambulatory clinics.

- Co-chair, Lahey-Symmes Steering committee (pre-merger activity), which developed models for integrating functions.
- Led turnaround of Imaging Department: installation of CT scanner, 24 hours turnaround for reports and stabilization of technical staff.
- Opened physician practice and community education center.

1987 - 1990

CHIEF EXECUTIVE OFFICERLemuel Shattuck Hospital, Boston, MA.

Directed 250-bed facility providing acute, rehabilitative, chronic inpatient and outpatient services, 200 bed-shelter for the homeless, school of nursing. Led turnaround of clinical and administrative functions resulting in three year JCAHO accreditation and oversight of several large scale facility modernization projects.

1981 - 1987

VICE PRESIDENT, CLINICAL SERVICESCarney Hospital, Boston, MA.

Managed clinical services division; continuing care and social work departments; ambulatory care center; emergency department; and three community health centers.

1974 - 1981 **ASSOCIATE DIRECTOR** (1975 – 1981)
ASSISTANT TO GENERAL DIRECTOR (1974 - 1975)
Children's Hospital Medical Center, Boston, MA.
 Managed 12 major support and professional departments. Implemented risk management program and expansion of dialysis unit.

1970 – 1974 **ACTING DEPUTY COMMISSIONER** (1974)
ASSISTANT DEPUTY COMMISSIONER (1970 – 1974)
Boston Department of Health and Hospitals
 Managed fiscal, personnel, and legal functions related to the Division of Community Health Service. As Acting Deputy Commissioner, lead public health, ambulatory and emergency medical services sponsored by City of Boston.

ADDITIONAL LEADERSHIP:

- **Chairperson**, MA Extended Care Federation (2005-6)
- **President**, Mass Senior Care Foundation (2007-)
- **President of Board**, Codman Square Health Center (2006-8)
- **President**, MA Public Health Association (1993 – 1994)
- **Member**, Board of Directors, Evanswood Center for Older Adults (1997 – 2002)
- **Member**, NMSS, **Long-Term Care Committee** (2001)
- **Strategic, Planning Committee**, Mass. Home and Health Care Association (1994 – 1996)
- **Member**, Deborah Noonan Foundation Committee (1989 – 1993)
- **Chair**, Brookline Emergency Medical Service Advisory Committee (1878 – 1986)
- **Board Member**, Ronald House (1978 – 1981)
- **Board Member**, Massachusetts Committee for Children and Youth (1984 – 1987)
- **Preceptor**, management interns

AWARDS:

Massachusetts Health Council Annual Award (2008)

CONSULTING ENGAGEMENTS AND LECTURES:

University of Maastricht, The Netherlands (2001); Amodora/Sintra Hospital, Portugal (2003)
Eyes Wide Shut: The Status of Long-Term Care in the U.S. and Implications for Public Health
 American Associations of Homes and Services for the Aging, Nursing Home Guidelines for People with MS (2003)
 International Association Homes and Services for the Ageing, Norway (2005): Serving Younger Adults with MS
 MS Care-International Perspective, England (2006): Supporting Independence in Long-Term Care
 National MS Society Conference National Meeting (2008)

EDUCATION:

Master of Public Health, Yale University, New Haven, CT.
 A.B., Biology/Liberal Arts, Boston University, Boston, MA.

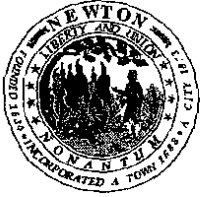
LICENSE AND MEMBERSHIPS:

- American College of Health Care Administrators
- Licensed Nursing Home administrator, MA #2044

ACADEMIC APPOINTMENTS:

Assistant Clinical Professor, Tufts University School of Medicine, (1997-)
 Course Co-Director, Management and Public Health, (1998 – 1999)

City of Newton



PUBLIC BUILDINGS DEPARTMENT

Stephanie Kane Gilman, Commissioner

Telephone (617) 796-1600

FAX (617) 796-1601

TTY: (617) 796-1089

52 ELLIOT STREET

NEWTON HIGHLANDS, MA 02461-1605

Setti D. Warren

Mayor

28 October, 2011

The Honorable Setti D. Warren

Mayor

City of Newton

1000 Commonwealth Avenue

Newton Centre, MA 02459

RE: FA Day School Renovation Project

SUBJECT: Request for Additional Design Funds – Supplemental Information

Dear Mayor Warren:

In support of the Department's previously submitted request for design funds for the above referenced project enclosed please find the following supplemental information:

- 50% Schematic Design Drawings by HMFH.
- Design Review Committee's recommendation letter of 28 October 2011.

On Thursday, 27 October 2011 the Design Review Committee reviewed plans submitted by HMFH Architects on behalf of the Public Buildings Department and Newton Public Schools for the above referenced project. The Design Review Committee recommended continuation of design of the proposed design scheme and site plan development for submittal to the Committee for Schematic Design review and Site Plan approval.

The anticipated review timeline for the project is as follows:

10/24/2011	School Committee Approves Recommended Design.
10/27/2011	Design Review Committee Recommends Continuation of design for Recommended Option.
11/09/2011	Public Facilities Committee Design Funding Approval.
11/14/2011	Finance Committee Design Funding Approval.
11/17/2011	DRC Site Plan Approval.
11/21/2011	Notice for Site Plan Approval Public Hearing.
12/19/2011	Public Facilities Site Plan Approval Public Hearing.

Please do not hesitate to contact me should you have any questions regarding the request for design funds.

Sincerely,

Stephanie Kane Gilman,
Commissioner of Public Buildings

SKG: amv

CC: Robert Rooney, Chief Operating Officer
Maureen Lemieux, Chief Financial Officer
Dr. David Fleishman, School Superintendent
Sandy Guryan, Deputy Superintendent/Chief Administrative Officer

City of Newton



Setti D. Warren
Mayor

PUBLIC BUILDINGS DEPARTMENT
Stephanie Kane Gilman, Commissioner
Telephone (617) 796-1600
FAX (617) 796-1601
TTY: (617) 796-1089
52 Elliot Street
Newton Highlands, MA 02461-1605

28 October, 2011

The Honorable Setti D. Warren
Mayor
City of Newton
1000 Commonwealth Avenue
Newton Centre, MA 02459

RE: FA Day School Renovation Project

SUBJECT: 50 % Schematic Design Review

Dear Mayor Warren:

On Thursday, 27 October 2011 the Design Review Committee reviewed plans submitted by HMFH Architects on behalf of the Public Buildings Department and Newton Public Schools for the above referenced project.

The proposed design will convert the existing administration offices and student services areas, and add a third floor addition to create six new class rooms and associated learning spaces. Interior modifications are proposed to expand the existing cafeteria to provide additional seating to allow the school to reduce the number of lunch periods from five to three. Additionally the design proposes a two-story addition at the Minot Street entry to accommodate the relocated administration offices and student services, and to provide an appropriate and supervised building entry.

The Design Review Committee's opinion in general is that the overall planning approach, site organization, and design concepts are logical, thoughtful, and well presented. The School Committee confirmed that the proposed design meets the programmatic needs for the school and the projected increase in enrollment.

To ensure the appropriateness and cost effectiveness of the final design solution, the Committee recommends that the design team evaluate the following programmatic, design, operational and technical project components through the continuation of the Schematic Design and Design Development Phases:

- Analyze existing spaces and uses which may be relocated to yield more efficient use of space, provide better supervision of west entry, and potentially reduce size of addition and extent of interior renovations.
- Confirm quantity, size, and dimensions of program spaces for efficient layout and use of space to reduce extent of renovation and new construction.
- Analyze alternative cafeteria seating layouts to reduce extent of interior demolition / renovations and ensure appropriate circulation for student queuing and trash removal.
- Analyze trash removal from cafeteria, and confirm that dumpster count and layout will accommodate increased enrollment, food service and seating.
- Confirm food services areas and kitchen will accommodate increased service and seating.
- Confirm with code consultant the proposed egress configuration for the second floor student services area.
- Confirm extent of modifications required to existing structure to accommodate third floor addition.
- Analyze appropriate and cost effective location for proposed science room fit-out design alternate.
- Review opportunities to provide windows at percussion and choral rooms to offset windows removed to accommodate two-story addition.
- Evaluate feasibility and cost saving potential of eliminating ceilings in conjunction with installation of sprinklers and life safety devices.
- Confirm with NFD dimensional specifications for fire truck turning radii requirements.

The Design Review Committee has also requested the 50% Schematic Design cost budget and anticipated review schedule for the project.

The Design Review Committee recommends continuation of design of the proposed design scheme and site plan development for submittal to the Committee for Schematic Design review and Site Plan approval.

Sincerely,



Stephanie Kane Gilman,
Commissioner of Public Buildings

SKG: amv

CC: Robert Rooney, Chief Operating Officer
Maureen Lemieux, Chief Financial Officer
Dr. David Fleishman, School Superintendent
Sandy Guryan, Deputy Superintendent/Chief Administrative Officer

Renovations and Additions to the F.A. Day Middle School Newton, MA

Newton Public Schools Administration:

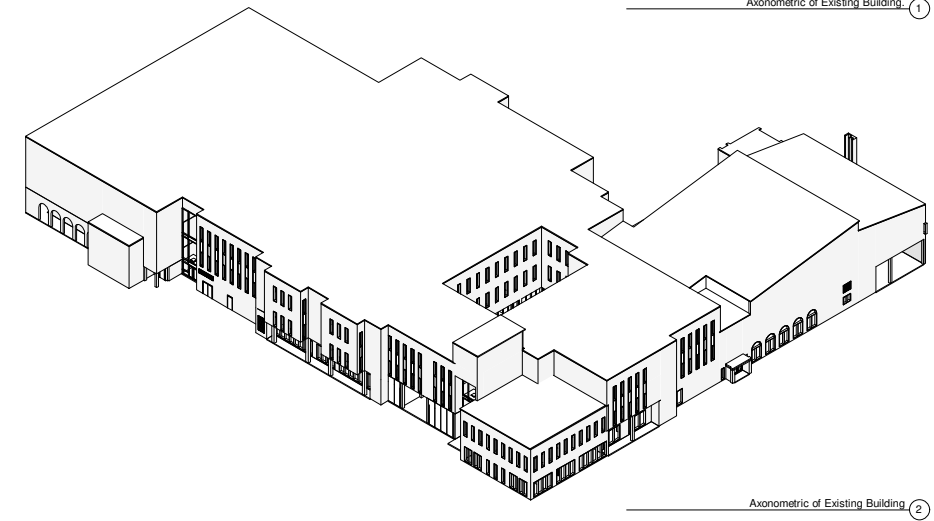
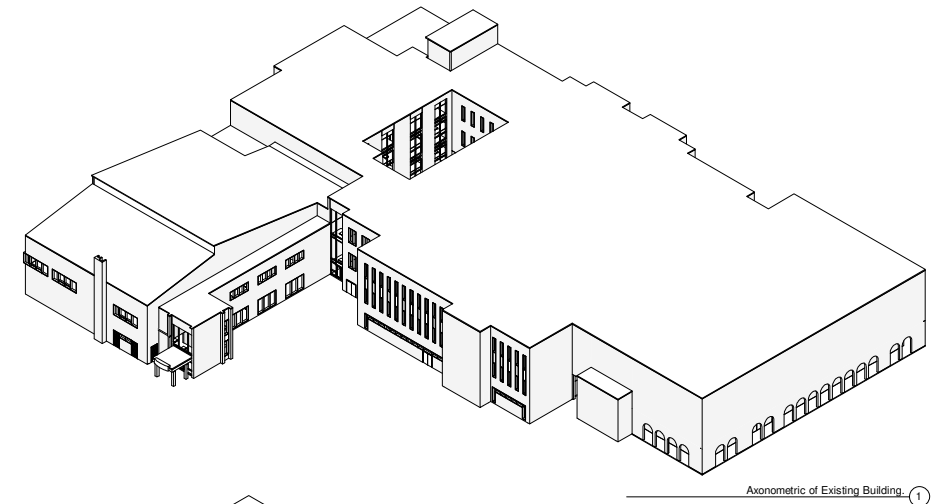
Dr. David A. Fleishman / Superintendent
Sandra Guryan / Deputy Superintendent, Chief Administrative Officer

School Building Committee:

Sandra Guryan / Deputy Superintendent, Newton Public Schools
Michael Cronin / Chief of Operations, Newton Public Schools
Stephanie Gilman / Building Commissioner, Public Buildings Department
Alejandro Valcarce / Owner's Project Manager
Arthur Cabral / Budget & Project Specialist, Public Buildings Department
Brian Turner / Principal, F.A. Day Middle School

HMFH Architects, Inc. / Architect

Crosby Schlessinger Smallridge LLC / Landscape Architect
Nitsch Engineering / Civil Engineering
Richmond So Engineers, Inc. / Structural Engineers
TMP Consulting Engineers, Inc. / MEP, FP Engineers
McPhail Associates, Inc. / Geotechnical & Geoenvironmental Engineers
Cavanaugh Tocci Associates, Inc. / Acoustical Consultants
Kalin Associates / Specifications Consultant
Arc - Spec Consulting, Inc. / Hardware Consultants
PM & C / Cost Estimator



DRAWING LIST

- Civil Drawings
 - C1.0 Schematic Site Utility Plan
 - C2.0 Schematic Site Utility Details
- Landscape Drawings
 - L1.0 Site Materials
- Architectural Drawings
 - A0.0 Keynote Master List, Leg. & Abbrev.
 - A0.1 Code Sheet - First Floor
 - A0.2 Code Sheet - Second Floor
 - A0.3 Code Sheet - Third Floor
 - A1.1 Phasing Plan
 - A2.1 CR Layout / West Entry
 - A2.2 Cafeteria Layout
 - A2.3 1st & 2nd Floor Addition
 - A3.1 Existing Ceiling Plan - First Floor
 - A3.2 Existing Ceiling Plan - Second Floor
 - A3.3 Existing Ceiling Plan - Third Floor
 - A5.1 Wall Sections
 - A6.1 Plan Details

SET # _____

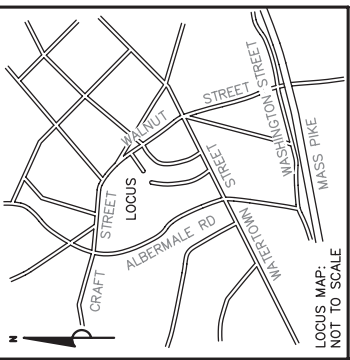
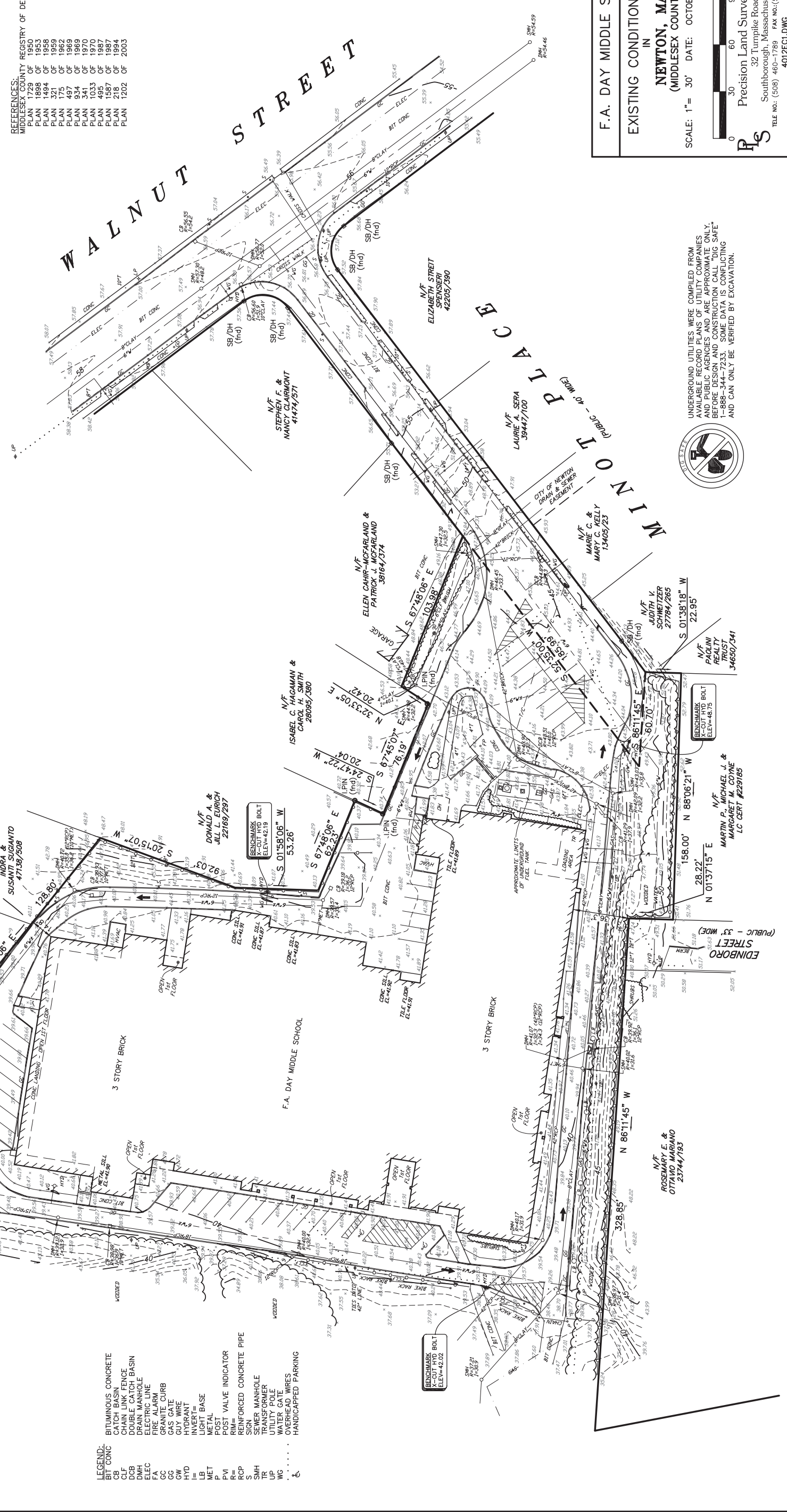
50% SCHEMATIC DESIGN REVIEW SET

10/20/2011

UTILITY REFERENCES:
 NSTAR ELECTRIC
 GIS PLOT CREATED ON OR ABOUT 10/13/2011
 N/A/CALC CROWN
 GIS PLOT CREATED ON OR ABOUT 10/14/2011
 CITY OF NEWTON
 COPY OF WATER ATLAS, WATER TABLE FOR #21 MINOT PLACE
 VERIZON TELEPHONE
 REPORTS NO CONDUIT IN THE AREA SURVEYED.

REFERENCES:
 MIDDLESEX COUNTY REGISTRY OF DEEDS
 PLAN 1729 OF 1950
 PLAN 1898 OF 1953
 PLAN 1494 OF 1958
 PLAN 321 OF 1959
 PLAN 175 OF 1962
 PLAN 497 OF 1969
 PLAN 341 OF 1970
 PLAN 1033 OF 1970
 PLAN 495 OF 1987
 PLAN 1587 OF 1987
 PLAN 218 OF 1994
 PLAN 1202 OF 2003

- NOTES:**
 1) ELEVATIONS SHOWN HEREON ARE BASED ON THE CITY OF NEWTON DATUM AND WERE DETERMINED USING GPS OBSERVATION ON 10/5/2011, AND AN OPUS REDUCTION ON 10/12/2011.
 2) THE PARCEL SHOWN HEREON IS LOCATED IN FLOOD ZONE X (UNSHADED) AS SHOWN ON THE FLOOD INSURANCE RATE MAP, MIDDLESEX COUNTY, MASSACHUSETTS, MAP NUMBER 2507C0552E, EFFECTIVE DATE JUNE 4, 2010.
 3) THIS PLAN, AND THE SURVEY ON WHICH IT WAS BASED WERE PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT, AND ARE SUBJECT TO THE FINDINGS SUCH A REPORT MAY DISCLOSE.
 4) ZONING DISTRICT: PUBLIC USE
 5) DIMENSIONAL REQUIREMENTS CONCERNING LAND DESIGNATED FOR PUBLIC USE WERE NOT FOUND IN THE CITY ZONING ORDINANCE. FOR ADDITIONAL INFORMATION PLEASE CONTACT THE CITY OF NEWTON DEPARTMENT OF PLANNING AND DEVELOPMENT AT (617) 796-1120.

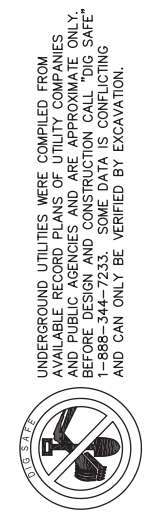


- LEGEND:**
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 BITUMINOUS CONCRETE
 CATCH BASIN
 CHAIN LINK FENCE
 DOUBLE CATCH BASIN
 ELECTRICAL MANHOLE
 ELECTRIC LINE
 FIRE ALARM
 GRANITE CURB
 GAS GATE
 GUY WIRE
 HYDRANT
 INVERT
 LE
 METAL
 POST VALVE INDICATOR
 REINFORCED CONCRETE PIPE
 SIGN
 SINKER MANHOLE
 TELEPHONE
 UTILITY POLE
 WATER GATE
 OVERHEAD WIRES
 HANDICAPPED PARKING

F.A. DAY MIDDLE SCHOOL
 EXISTING CONDITIONS PLAN
 IN
 NEWTON, MA
 (MIDDLESEX COUNTY)
 SCALE: 1"= 30' DATE: OCTOBER 11, 2011

 Precision Land Surveying, Inc.
 Southborough, Massachusetts 01772
 TELE NO.: (508) 460-1789 FAX NO.: (508) 970-0096
 4012EC1.DWG



UNDERGROUND UTILITIES WERE COMPILED FROM AVAILABLE RECORD PLANS OF UTILITY COMPANIES AND PUBLIC AGENCIES AND ARE APPROXIMATE ONLY. BEFORE DESIGN AND CONSTRUCTION CALL "DIG SAFE" 1-888-344-7233. SOME DATA IS CONFLICTING AND CAN ONLY BE VERIFIED BY EXCAVATION.



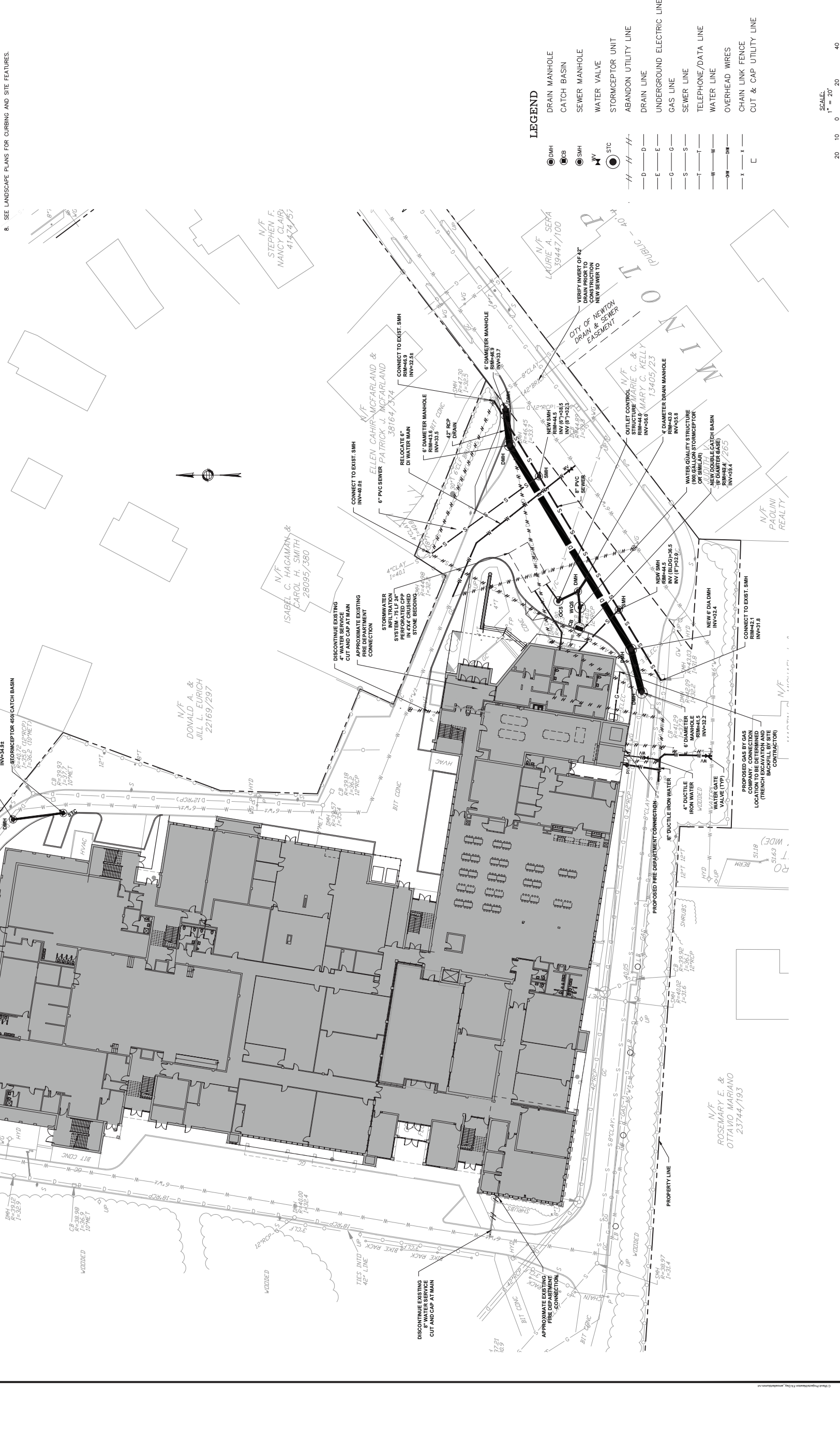
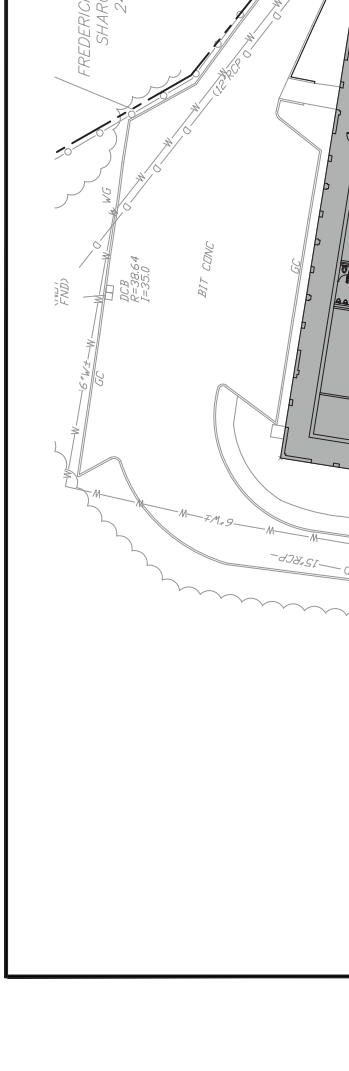
- COST ESTIMATING NOTES:**
- EXISTING BACKGROUND INFORMATION IS OBTAINED FROM A PLAN ENTITLED "F.A. DAY MIDDLE SCHOOL - EXISTING CONDITIONS PLAN", PREPARED BY PRECISION LAND SURVEYING, INC., DATED OCTOBER 11, 2011.
 - ALL WATER LINES ARE DUCTILE IRON UNLESS OTHERWISE NOTED. ASSUME ALL WATER LINES INSTALLED WITH 5' OF COVER.
 - ASSUME ALL DRAINAGE LINES ARE 12" CPV UNLESS OTHERWISE NOTED. ASSUME ALL DRAIN LINES INSTALLED WITH 6' OF COVER UNLESS OTHERWISE NOTED.
 - ASSUME ALL ROOF DRAINAGE LINES ARE 8" PVC UNLESS OTHERWISE NOTED. ASSUME ALL DRAIN LINES INSTALLED WITH 4' OF COVER.
 - ASSUME THAT ALL SEWER LINES ARE 8" PVC. ASSUME ALL SEWER LINES INSTALLED WITH 6' OF COVER UNLESS OTHERWISE NOTED.
 - ASSUME ALL STRUCTURES ARE 4" INSIDE DIAMETER, EXCEPT FOR DOUBLE ENDINGS WHICH ARE DIRECTLY CONNECTED TO THE UNDERGROUND DETENTION SYSTEM.
 - SEE MEP PLANS FOR SIZING ELECTRIC, CABLE, TELEPHONE AND LIGHTING.
 - SEE LANDSCAPE PLANS FOR CURBING AND SITE FEATURES.

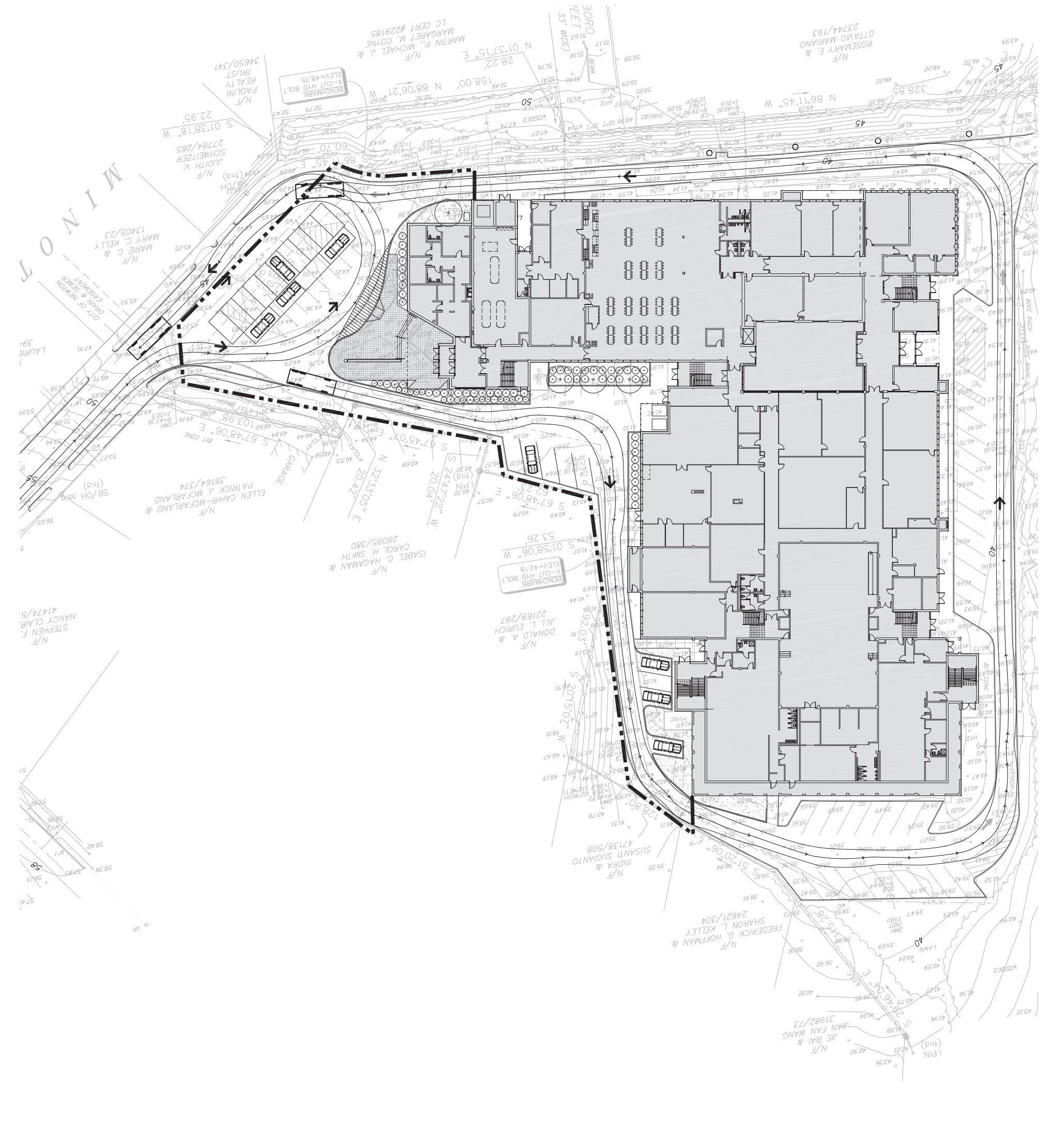
**Renovations and Additions to the
F.A. Day Middle School**
Schematic Site Utility Plan

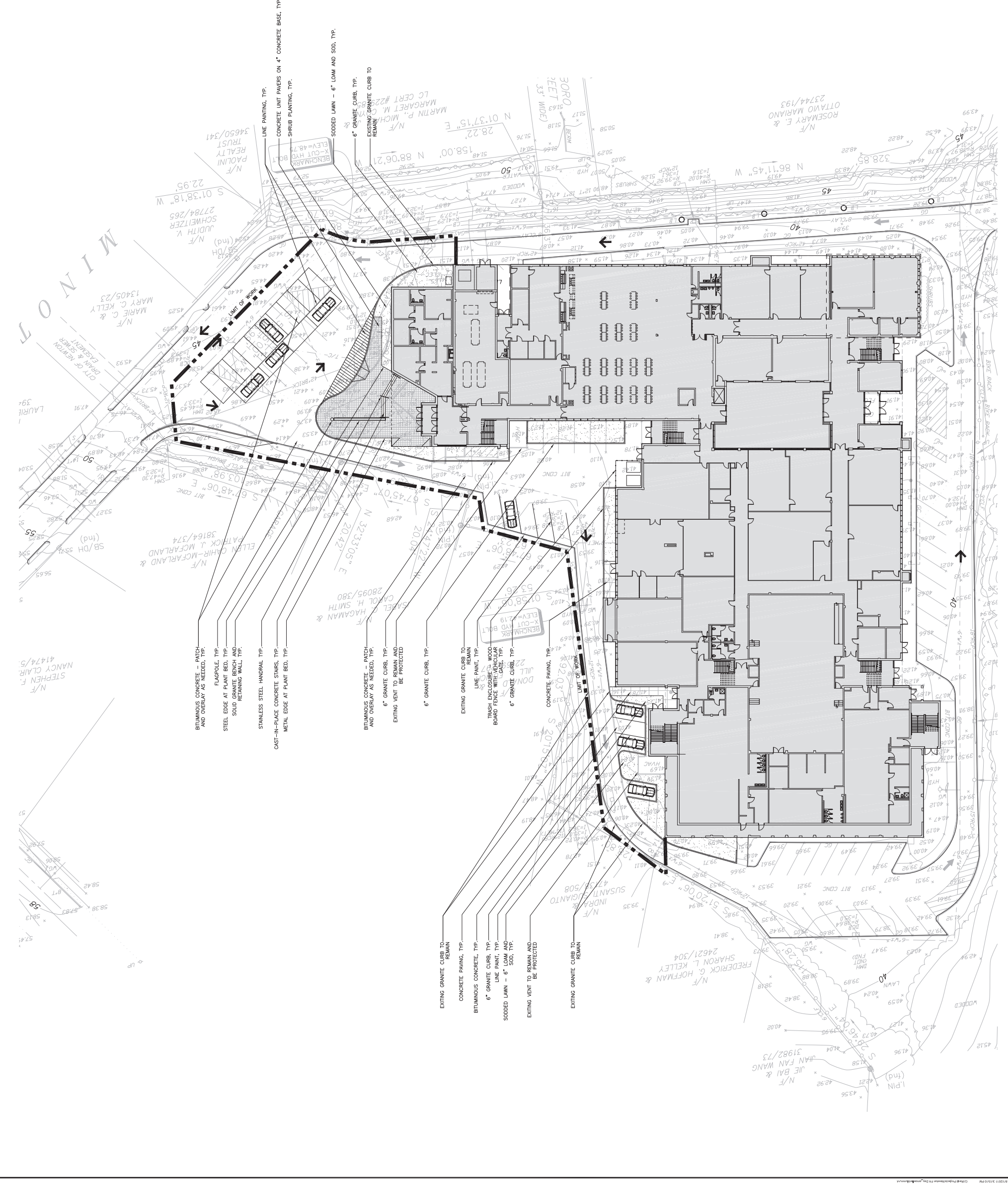
10.25.2011
PROGRESS

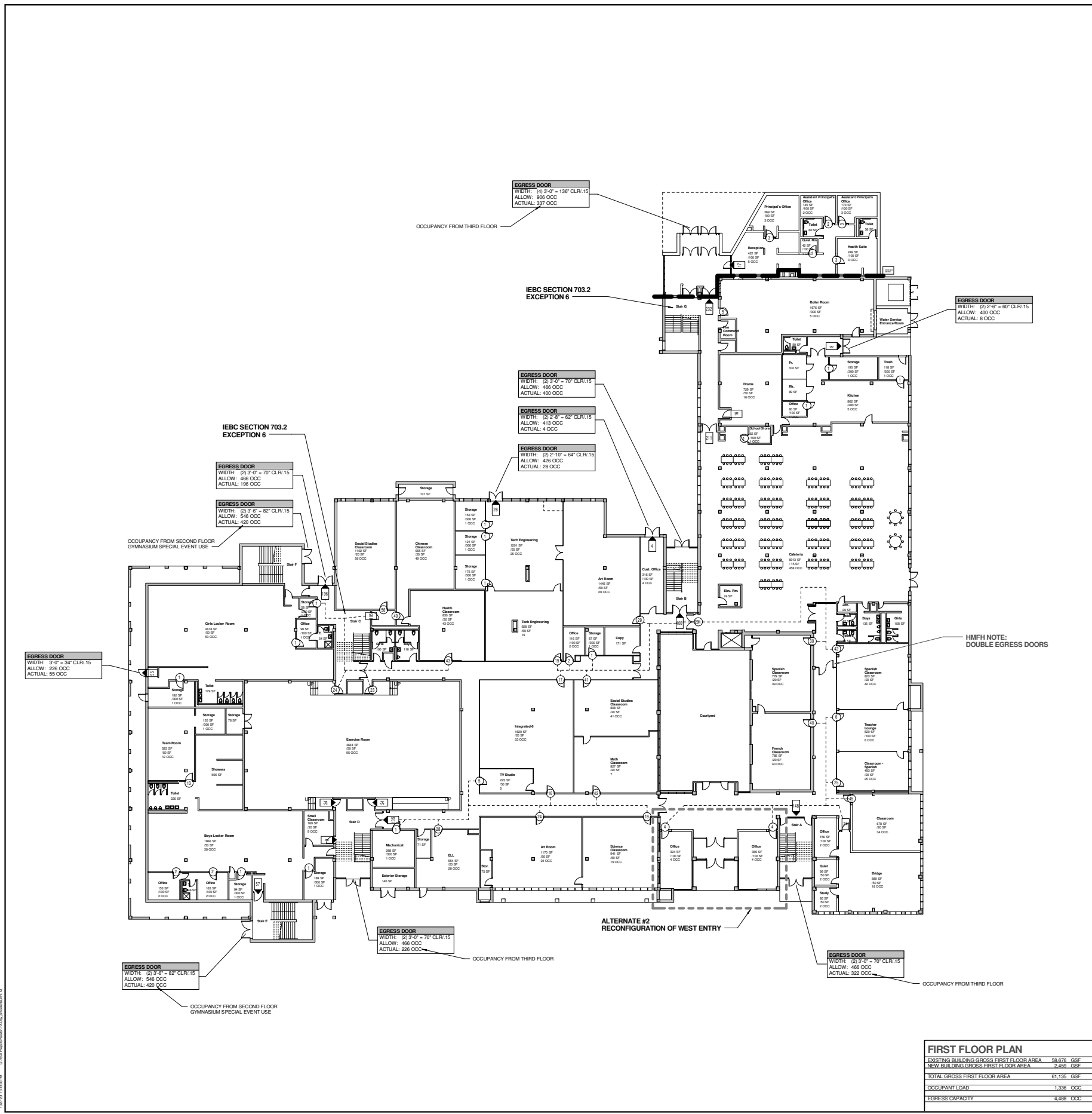
SCALE: 1"=20'
DRAWN BY: CRC
CHECKED BY: CS

REVISIONS









CODE REVIEW

PROJECT DESCRIPTION

MIDDLE SCHOOL GRADES 6TH THROUGH 8TH
 PROJECTED ENROLLMENT BY 2015 = 800 STUDENTS / 140 STAFF

PROJECT CONSISTS OF A NEW TWO-STORY ADMINISTRATION BUILDING WITH NEW SCHOOL ENTRANCE, A NEW TWO-CLASSROOM THIRD FLOOR ADDITION, MINOR RENOVATIONS TO THE EXISTING BUILDING THAT INCLUDES NEW CLASSROOMS AND REARRANGEMENT OF THE CAFETERIA, INSTALLATION OF A FULLY AUTOMATIC FIRE SUPPRESSION SPRINKLER SYSTEM THROUGHOUT THE EXISTING AND NEW BUILDINGS

EXISTING BUILDING CONSTRUCTION

- STEEL FRAMED STRUCTURE WITH MASONRY VENEER ON STEEL STUD BACK UP.
- FIRST FLOOR CONCRETE SLAB ON GRADE

NEW BUILDING CONSTRUCTION

- STEEL FRAMED STRUCTURE WITH STEEL ELEVATED FLOOR AND ROOF CONSTRUCTION
- FIRST FLOOR CONCRETE SLAB ON GRADE
- EXTERIOR WALL CONSTRUCTION SHALL MASONRY VENEER AND METAL PANEL ON LIGHT GAUGE STEEL STUD BACK-UP SYSTEM WITH CURTAIN WALL
- ASSEMBLIES
- INTERIOR PARTITIONS SHALL BE GYPSUM WALLBOARD ON METAL STUDS

APPLICABLE CODES

2009 INTERNATIONAL BUILDING CODE (IA STATE BUILDING CODE - EIGHTH EDITION)
 2009 INTERNATIONAL EXISTING BUILDING CODE

USE & OCCUPANCY (IBC CH. 3)

USE GROUP E (EDUCATIONAL)
 WITH ASSEMBLY AREAS - CAFETERIA AND DINING ROOM - ARE CONSIDERED ACCESSORY AREAS TO USE GROUP E AND ARE NOT SEPARATE OCCUPANCIES (303.1.4)

TYPE OF CONSTRUCTION (IBC CH. 6)

ALL NEW CONSTRUCTION - NON-COMBUSTIBLE CONSTRUCTION TYPE II B UNPROTECTED CONSTRUCTION

FIRE RESISTANCE RATINGS OF STRUCTURAL ELEMENTS - (IBC TABLE 601)

ENTIRELY PROTECTED BY AN AUTOMATIC FIRE SUPPRESSION SYSTEM

BUILDING ELEMENTS CONSTRUCTION TYPE II B	MINIMUM RATING REQUIRED
1. PRIMARY STRUCTURAL FRAME INCLUDING COLUMNS, GIRDERS, TRUSSES	0
2. BEARING WALLS	0
3. NONBEARING WALLS AND PARTITIONS	0
4. NONBEARING WALLS AND PARTITIONS	0
5. FLOOR CONSTRUCTION AND SECONDARY MEMBERS	0
6. ROOF CONSTRUCTION AND SECONDARY MEMBERS	0

FIRE RESISTANCE RATING OF MISCELLANEOUS ELEMENTS

1) STORAGE ROOMS OVER 100 SF - PROVIDE AUTOMATIC FIRE EXTINGUISHING SYSTEM. SMOKE PARTITIONS REQUIRED PER 302.1.1

2) BOILER ROOM - PROVIDE AUTOMATIC FIRE EXTINGUISHING SYSTEM. SMOKE PARTITIONS REQUIRED PER 302.1.1

3) PENETRATIONS: NON-COMBUSTIBLE PENETRATING ITEMS (PIPES, CONDUITS, DUCTS, ETC.) THROUGH HORIZONTAL ASSEMBLIES WITHOUT A REQUIRED FIRE RESISTANCE RATING, CONNECTING 3 STORIES OR LESS ARE PERMITTED, PROVIDED THE ANNULAR SPACE IS FILLED WITH AN APPROVED NON-COMBUSTIBLE MATERIAL TO RESIST THE FREE PASSAGE OF FLAME AND THE PRODUCTS OF COMBUSTION

4) CORRIDORS: 1 HOUR FOR USE GROUP E WITH SPRINKLER SYSTEM PER TABLE 1016.1

5) VERTICAL EXIT ENCLOSURES/EXIT STAIRWAYS: 1 HOUR WHERE CONNECTING LESS THAN 4 STORIES PER 1016.1

GENERAL BUILDING LIMITATIONS (IBC CH. 5)

EXISTING BUILDING

HEIGHT LIMITATIONS - EDUCATION - CONSTRUCTION TYPE IIB	
TIRULAR HEIGHT (TABLE 503)	= 2 STORY, 35 FT
SPRINKLER INCREASE (504.2)	= 1 STORY, 20 FT
ALLOWABLE HEIGHT	= 3 STORY, 75 FT
ACTUAL HEIGHT	= 3 STORY, 75 FT

AREA LIMITATIONS - EDUCATION - CONSTRUCTION TYPE IIB	
TIRULAR AREA (TABLE 503)	= 14,900 SF
STREET FRONTAGE INCREASE (505.2)	= 6,800 SF
ALLOWABLE AREA PER FLOOR	= 26,000 SF
ALLOWABLE AREA FOR 3-STORY BUILDING	= 78,000 SF
ACTUAL AREA OF 3-STORY BUILDING	= 151,380 SF AGGREGATE AREA
ACTUAL AREA OF 3-STORY BUILDING	= 144,780 SF AGGREGATE AREA

STREET FRONTAGE INCREASE CALCULATION

1/2 OF PERIMETER WALL WITHIN 30' OF CURB AREA = 77.16 X 30' = 2317

% OF WEIGHTED AVERAGE OF PORTIONS OF PERIMETER WALL BETWEEN 20' AND 30' OPEN AREA = 6.0% X 25' = 1.5'

% OF PERIMETER WALL WITH LESS THAN 20' OPEN AREA = 16.9% X 0' = 0.0'

W = WIDTH OF PUBLIC WAY OR OPEN SPACE = 24.1' + 16' = 40.1'

F = PERIMETER OF ENTIRE BUILDING = 1,339.7'

F x W = BUILDING PERIMETER THAT FRONT ON W = 1,157.90'

FRONTAGE INCREASE: W/F x 0.25/W = 0.48'

NEW BUILDING

HEIGHT LIMITATIONS - EDUCATION - CONSTRUCTION TYPE IIB	
TIRULAR HEIGHT (TABLE 503)	= 2 STORY, 35 FT
SPRINKLER INCREASE (504.2)	= 1 STORY, 20 FT
ALLOWABLE HEIGHT	= 3 STORY, 75 FT
ACTUAL HEIGHT	= 2 STORY, 35 FT

AREA LIMITATIONS - EDUCATION - CONSTRUCTION TYPE IIB	
TIRULAR AREA (TABLE 503)	= 14,900 SF
STREET FRONTAGE INCREASE (505.2)	= 26,000 SF
ALLOWABLE AREA PER FLOOR	= 43,500 SF
ALLOWABLE AREA FOR 3-STORY BUILDING	= 130,500 SF AGGREGATE AREA
ACTUAL AREA OF 2-STORY BUILDING	= 5,312 SF AGGREGATE AREA

BUILDING AREAS (IBC CH. 5)

EXISTING FIRST FLOOR BUILDING AREA	58,676 GSF
EXISTING SECOND FLOOR BUILDING AREA	58,216 GSF
EXISTING THIRD FLOOR BUILDING AREA	27,790 GSF
TOTAL EXISTING BUILDING AREA	144,682 GSF
NEW THIRD FLOOR BUILDING AREA	2,078 GSF
TOTAL EXISTING + NEW THIRD FLOOR BUILDING AREA	146,760 GSF
NEW FIRST FLOOR BUILDING AREA	2,459 GSF
NEW SECOND FLOOR BUILDING AREA	2,863 GSF
TOTAL NEW BUILDING AREA	5,312 GSF
TOTAL EXISTING AND NEW BUILDING AREA	152,072 GSF

MEANS OF EGRESS (CH. 10)

MAXIMUM LENGTH OF EXIT ACCESS TRAVEL (TABLE 1016.1.1 OCCUPANCY) = 250 FEET WITH SPRINKLERS

DESIGN OCCUPANT LOAD & EGRESS UNITS ARE INDICATED ON PLANS OF EACH FLOOR

EGRESS WIDTH PER OCCUPANT (PER AMENDMENT TO IBC 2009 - SECTION 1008.1)

- STAIRWAY = 2 1/2 INCH PER PERSON
- DOORS = 15 INCH PER PERSON
- CORRIDORS = 15 INCH PER PERSON

LENGTH OF DEAD END CORRIDORS (1016.4 EXCEPTION 2) SHALL NOT EXCEED 50 FT WHEN THE BUILDING IS EQUIPPED THROUGHOUT WITH AN AUTOMATIC FIRE SUPPRESSION SYSTEM

MINIMUM WIDTH OF CORRIDORS (1016.2)

- FOR OCCUPANT CAPACITY OF 50 OR LESS = 3'
- FOR OCCUPANT CAPACITY OF 51 TO 99 = 4'
- FOR OCCUPANT CAPACITY GREATER THAN 100 OR MORE = 7'

MINIMUM FLOOR AREA ALLOWANCES PER OCCUPANT (TABLE 1004.1.2)

FUNCTION OF SPACE	FLOOR AREA IN SQ. FT. PER OCC.
ASSEMBLY WITH FIXED SEATS	= 7 NET
CHairs ONLY (CONCENTRATED)	= 15 NET
CHairs & TABLES (UNCONCENTRATED)	= 20 NET
CLASSROOM	= 30 NET
SHOPS AND VOCATIONAL AREAS (DANCE, ART)	= 200 GROSS
LIBRARY	= 50 NET
READING AREA	= 100 GROSS
STAGE AREA	= 15 NET
MECH & ACCESSORY STORAGE	= 300 GROSS
OFFICE/BUSINESS	= 100 GROSS

CODE SHEET GENERAL NOTES

- CODE SHEET GENERAL NOTES, LEGEND AND ABBREVIATIONS APPLY TO SHEETS A0.1, A0.2 & A0.3
- REFER TO SHEET A0.2 FOR PLUMBING FIXTURE ANALYSIS
- GROSS AREA FOR SECOND FLOOR EXCLUDES THE AREAS THAT ARE DOUBLE HEIGHT SPACES. GROSS AREA ALSO EXCLUDES FLOOR OPENINGS AT STAIRS AND THROUGH-FLOOR MECHANICAL CHASES
- EGRESS AT EXTERIOR DOORS IS CALCULATED FROM THE FLOOR WITH THE HIGHER OCCUPANCY LOAD.

CODE SHEET ABBREVIATIONS

(SEE SHEET A0.1 FOR ADDITIONAL ABBREVIATION DESIGNATIONS)

CUET	= CUSTODIAN
DF	= DRINKING FOUNTAIN
ELEC	= ELECTRICAL
EXT	= EXTERIOR
GF	= GROSS SQUARE FOOTAGE
LAV	= LAVATORY
MEP	= MECHANICAL ELECTRICAL PLUMBING
NSF	= NET SQUARE FEET USE AREA, EXCLUDES BUILT IN STORAGE AREAS
OCC	= OCCUPANCY
SF	= SQUARE FOOTAGE
STOR	= STORAGE
UND	= UNLESS NOTED OTHERWISE
UR	= URINAL
WC	= WATERCLOSET

CODE SHEET LEGEND

ONE (1) HOUR ENCLOSED SPACE

TWO (2) HOUR ENCLOSED SPACE

ONE (1) HOUR FIRE PARTITION

TWO (2) HOUR FIRE WALL

SMOKE PARTITION

ROOM OCCUPANCY

COLLECTED EGRESS OCCUPANCY COUNT AT EXIT STAIRS AND DOORS

EGRESS CONVERGENCE

EGRESS OCCUPANT LOAD

EGRESS DIRECTION ARROW

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Renovations and Additions to the
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 Newton, MA

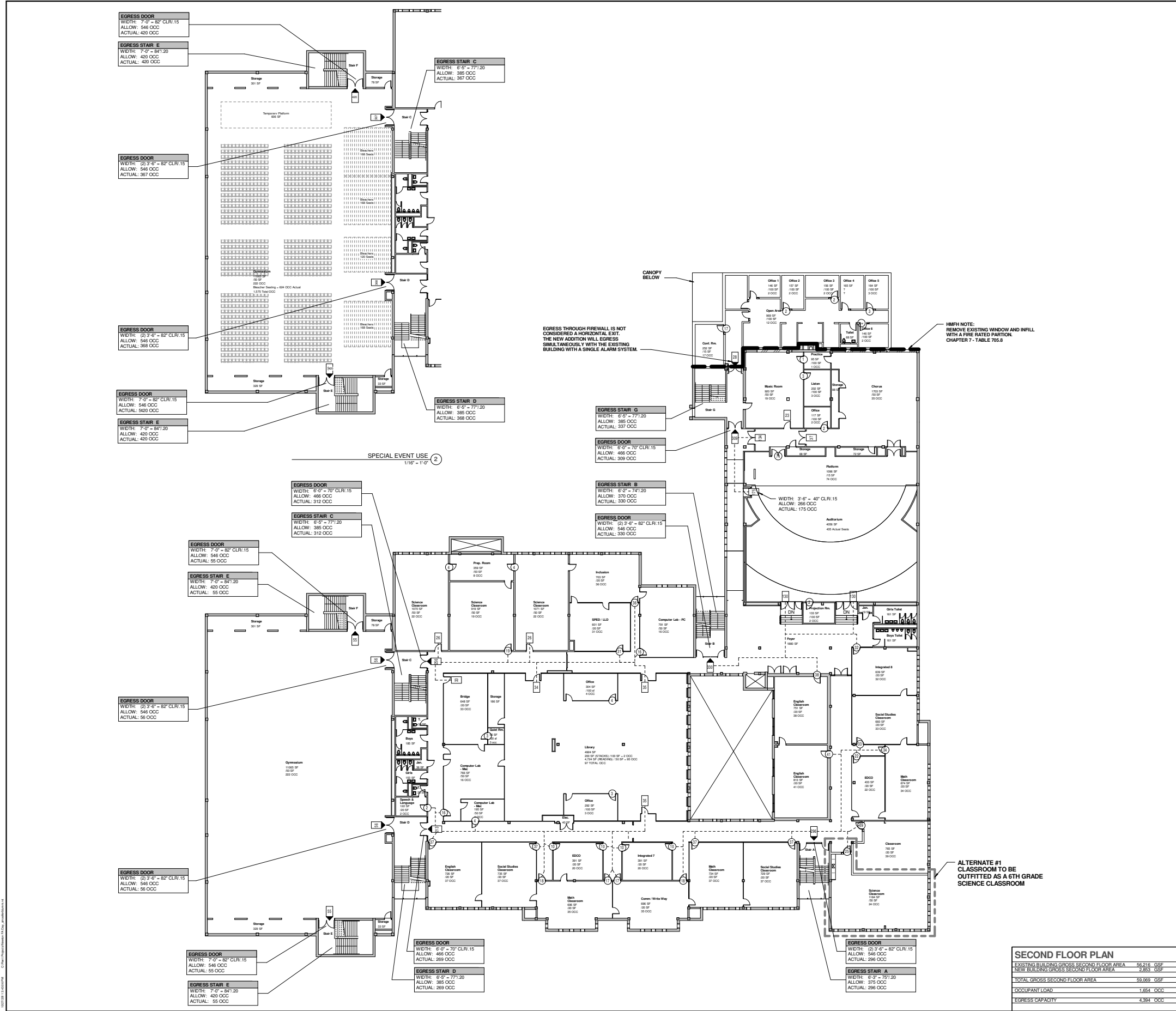
Code Sheet - First Floor

SCALE: 1/8" = 1'-0"
 DRAWN BY: AUBIN
 CHECKED BY: CHENIER

PROJECT NUMBER: 40211

FIRST FLOOR PLAN

EXISTING BUILDING GROSS FIRST FLOOR AREA	58,676 GSF
NEW BUILDING GROSS FIRST FLOOR AREA	2,459 GSF
TOTAL GROSS FIRST FLOOR AREA	61,135 GSF
OCCUPANT LOAD	1,338 OCC
EGRESS CAPACITY	4,488 OCC



CODE SHEET NOTES
 1) CODE SHEET GENERAL NOTES, LEGEND AND ABBREVIATIONS APPLY TO SHEETS A0.2 & A0.3.

PLUMBING FIXTURE ANALYSIS (248 CMR - 10.10 TABLE 1)

REQUIRED	ACTUAL
BOYS WATER CLOSETS - 450 BOYS x 1/90	5 WC
BOYS URINALS - 450 BOYS x 1/90	5 UR
BOYS LAVATORIES - 450 BOYS x 1/90	3 LAV
GIRLS WATER CLOSETS - 450 GIRLS x 1/30	15 WC
GIRLS LAVATORIES - 450 GIRLS x 1/90	3 LAV
DRINKING FOUNTAINS - 900 STUDENTS x 1/75	12 DF
SERVICE SINKS - 1 PER FLOOR	3 SINKS
STAFF: 140 STAFF: 70 MEN AND 70 WOMEN	
MALE WATER CLOSETS - 70 MALES x 1/25	3 WC
MALE LAVATORIES - 70 MALES x 1/40	2 LAV
FEMALE WATER CLOSETS - 70 FEMALES x 1/20	4 WC
FEMALE LAVATORIES - 70 FEMALES x 1/40	4 LAV
ADMINISTRATION SUITE (UNISEX TOILET USED): ACTUAL= 1 WC + 1 LAV	
STUDENT SERVICE SUITE (UNISEX TOILET USED): ACTUAL= 1 WC + 1 LAV	
HEALTH SUITE (UNISEX TOILET USED): ACTUAL= 1 WC + 1 LAV	
KITCHEN (UNISEX TOILET USED): ACTUAL= 1 WC + 1 LAV	
AUDITORIUM-NON-SIMULTANEOUS ASSEMBLY USE: 508 OCCUPANTS; 254 MALES AND 254 FEMALES	
MALE WATER CLOSETS - 254 MALES x 1/900	1 WC
MALE URINALS - 254 MALES x 1/200	2 UR
MALE LAVATORIES - 254 MALES	1 LAV
FEMALE WATER CLOSETS - 254 FEMALES x 1/200	2 WC
FEMALE LAVATORIES - 254 FEMALES	3 LAV
AUDITORIUM-NON-SIMULTANEOUS ASSEMBLY USE: 1,574 OCCUPANTS; 787 MALES AND 787 FEMALES	
MALE WATER CLOSETS - 787 MALES x 1/900	3 WC
MALE URINALS - 787 MALES x 1/200	4 UR
MALE LAVATORIES - 787 MALES	1 LAV
FEMALE WATER CLOSETS - 787 FEMALES x 1/200	4 WC
FEMALE LAVATORIES - 787 FEMALES	2 LAV

PLUMBING FIXTURE NARRATIVE
 THE NUMBER OF PLUMBING FIXTURES FOR THE STUDENT, STAFF, AND ASSEMBLY POPULATIONS WAS DETERMINED USING THE FOLLOWING CLASSIFICATION SECTIONS FROM 248 CMR 10.10 TABLE 1

STUDENT POPULATION - EDUCATION (SECONDARY)
 STAFF POPULATION - EDUCATION (STAFF)
 (SINGLE UNISEX TOILET ROOMS ARE BEING UTILIZED FOR PORTIONS OF THE STAFF POPULATION)

ASSEMBLY POPULATION - 10.10.10.8, 10.3
 (THE NUMBER OF PLUMBING FIXTURES REQUIRED FOR ASSEMBLY POPULATION HAVE BEEN SATISFIED BY CONSIDERING EACH ASSEMBLY SPACE (GYMNASIUM AND CAFETERIA) ARE USED IN A NON-SIMULTANEOUS MANNER WITH THE OTHER ASSEMBLY SPACE. IT IS ALSO ASSUMED THAT EDUCATIONAL SPACES AND THE USE OF NON-SCHOOL RELATED ASSEMBLIES WOULD OCCUR IN A NON-SIMULTANEOUS MANNER.

ENERGY CONSERVATION (CH. 13 - IECC 2006 WITH AMENDMENTS WITH SUPPLEMENTS)
 BUILDING ENVELOPE REQUIREMENTS (TABLE 602.1.2):
 CLIMATE ZONE: 01: 1-S
 GLAZING AREA: 40% MAXIMUM AREA

THERMAL PERFORMANCE (TABLE 603.2)

REQUIRED	ACTUAL
WALLS WITH CONTINUOUS INSULATION R-10	R-10
ROOFS WITH CONTINUOUS INSULATION R-21	R-21
FENESTRATIONS:	
FRAMING MATERIAL - NON METAL	U-FACTOR-0.35 MAX
FRAMING MATERIAL - METAL	U-FACTOR-0.45 MAX
CURTAINWALL	U-FACTOR-0.80 MAX
ENTRANCE DOORS	U-FACTOR-0.30 MAX
SHGC (PROTECTION FACTOR <0.25)	SHGC 0.40 MAX
SKYLIGHTS (5% MAX AREA)	U-FACTOR-0.50
SLAB AND FOUNDATION WALLS	R-5 CONTINUOUS R-10

MOISTURE CONTROL (1304.12) (PRESCRIPTIVE APPROACH)

REQUIRED	ACTUAL
ALL NEW EXTERIOR FRAMED WALLS, BUILDING ENVELOPE INCL. SLAB ON GRADE	VAPOR BARRIER WITH 0.1 PERM MAX WITH 0.05 PERM

AIR LEAKAGE (1304.3) (PRESCRIPTIVE APPROACH)

REQUIRED	ACTUAL
AIR BARRIER AT EXTERIOR WALL WITH MASONRY VENEER	0.004 CFM/FT ² MAX @ 1.57 psi

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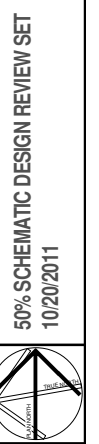
Renovations and Additions to the
 F.A. Day Middle School
 Newton, MA
 Code Sheet - Second Floor
 SCALE: 1/8" = 1'-0" DRAWN BY: Author CHECKED BY: Designer



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PHYSICAL TABS



SECOND FLOOR PLAN

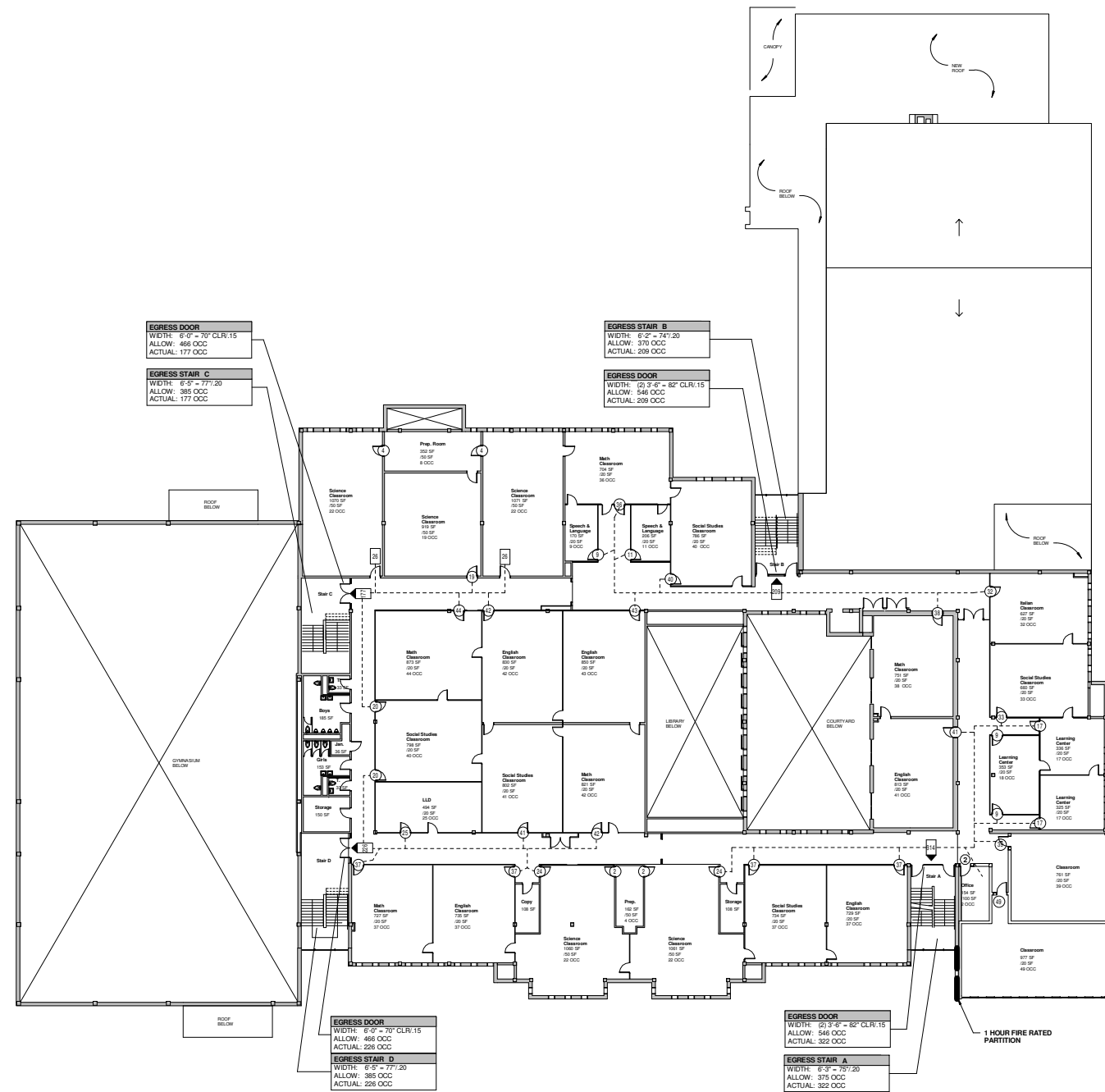
EXISTING BUILDING GROSS SECOND FLOOR AREA	58,216 GSF
NEW BUILDING GROSS SECOND FLOOR AREA	2,863 GSF
TOTAL GROSS SECOND FLOOR AREA	61,079 GSF
OCCUPANT LOAD	1,864 OSC
EGRESS CAPACITY	4,394 OSC

A0.2



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EGRESS DOOR
WIDTH: 8'-0" - 70' CLR: 15'
ALLOW: 496 OCC
ACTUAL: 177 OCC

EGRESS STAIR C
WIDTH: 8'-5" - 777.20
ALLOW: 385 OCC
ACTUAL: 177 OCC

EGRESS STAIR B
WIDTH: 8'-2" - 747.20
ALLOW: 370 OCC
ACTUAL: 209 OCC

EGRESS DOOR
WIDTH: (2) 3'-8" - 82' CLR: 15'
ALLOW: 548 OCC
ACTUAL: 209 OCC

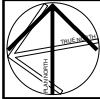
EGRESS DOOR
WIDTH: 8'-0" - 70' CLR: 15'
ALLOW: 496 OCC
ACTUAL: 228 OCC

EGRESS STAIR D
WIDTH: 8'-5" - 777.20
ALLOW: 385 OCC
ACTUAL: 228 OCC

EGRESS DOOR
WIDTH: (2) 3'-8" - 82' CLR: 15'
ALLOW: 548 OCC
ACTUAL: 322 OCC

EGRESS STAIR A
WIDTH: 8'-5" - 777.20
ALLOW: 375 OCC
ACTUAL: 322 OCC

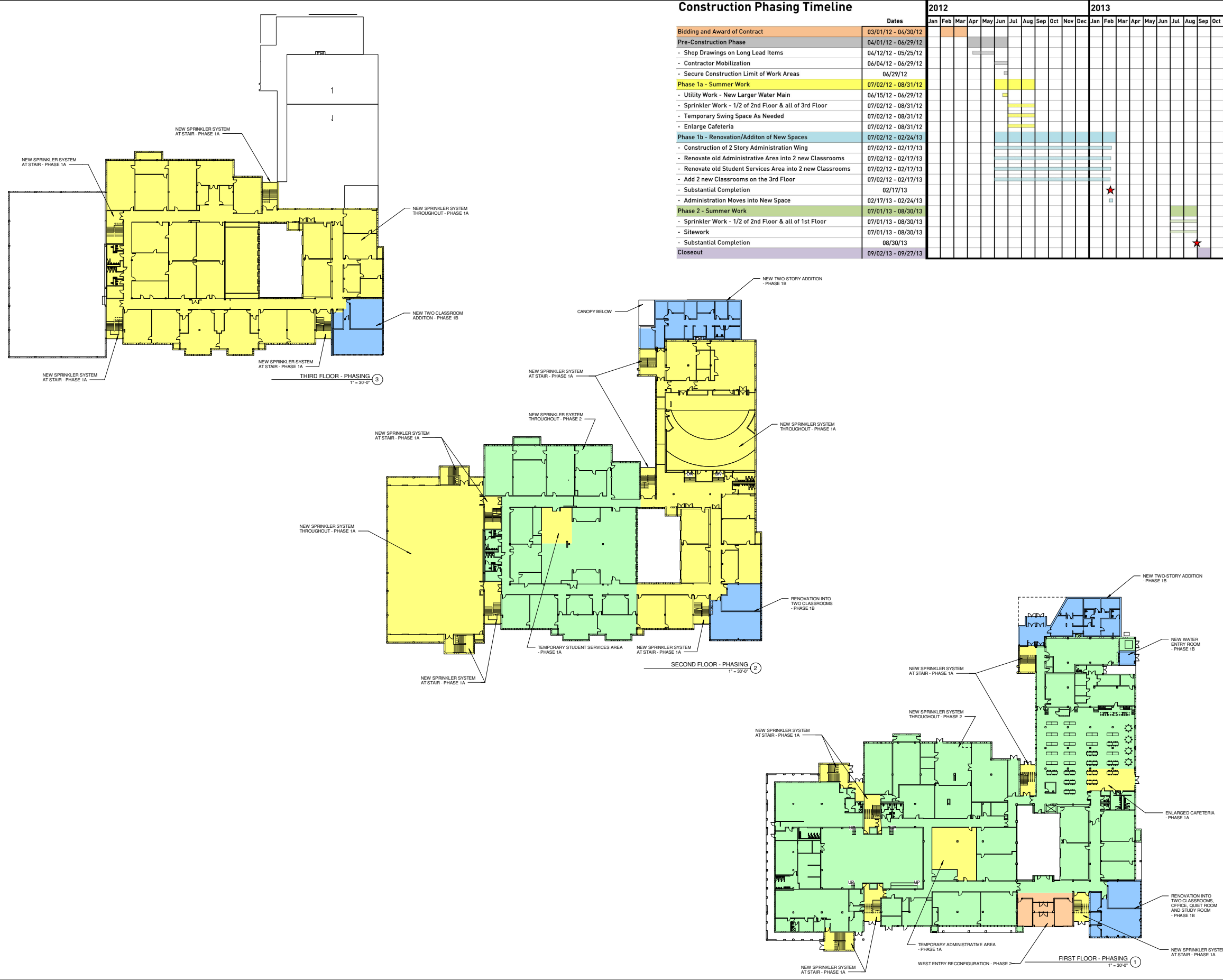
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Renovations and Additions to the
F.A. Day Middle School
Newton, MA
Code Sheet - Third Floor
SCALE: 1/8" = 1'-0" DRAWN BY: A.P.B. CHECKED BY: C.D.B.

THIRD FLOOR PLAN	
EXISTING BUILDING GROSS THIRD FLOOR AREA	47,296 GSF
NEW THIRD FLOOR AREA	2,678 GSF
TOTAL GROSS THIRD FLOOR AREA	50,000 GSF
OCCUPANT LOAD	194 OCC
EGRESS CAPACITY	1,515 OCC

DATE: 10/20/2011
A0.3
JOB NUMBER: 40211



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Renovations and Additions to the
 F.A. Day Middle School
 Newton, MA
Phasing Plan
 SCALE: 1" = 30'-0"

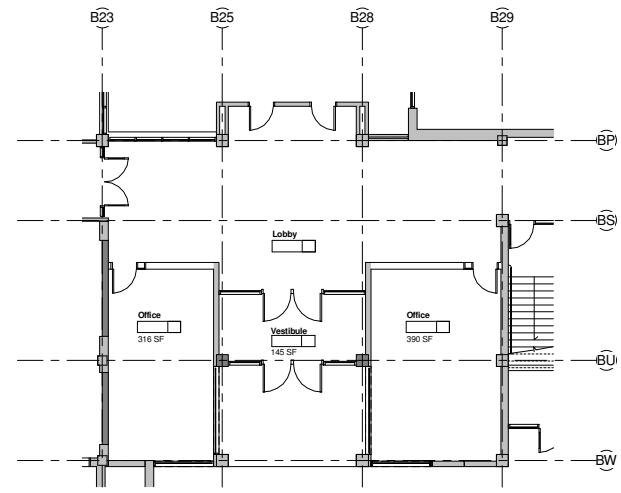
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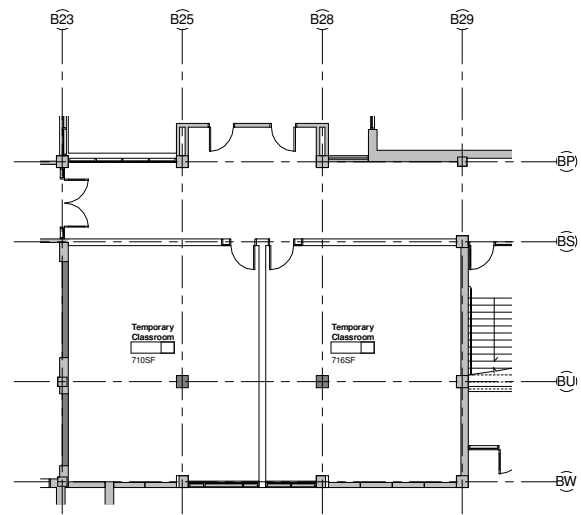


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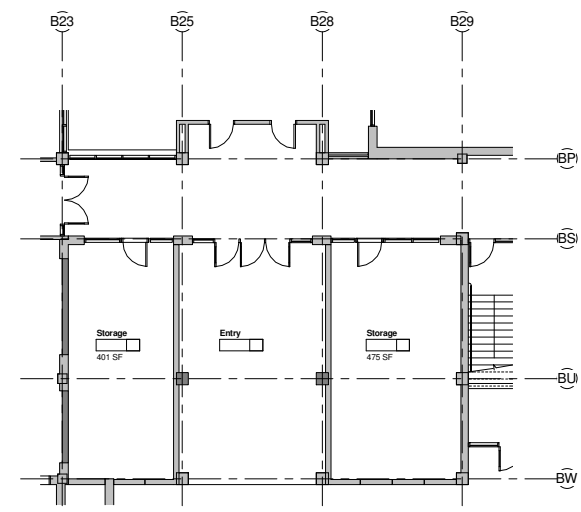
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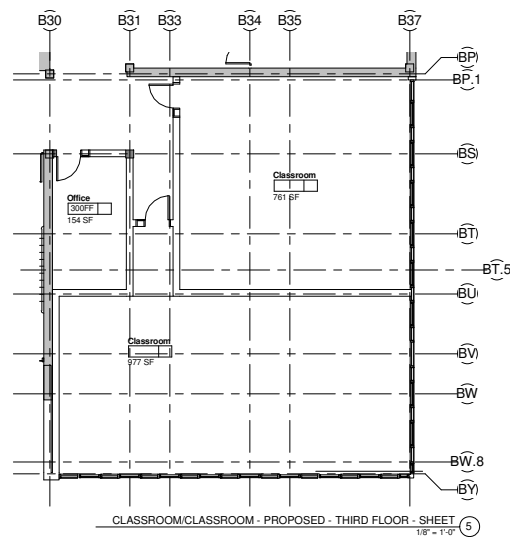
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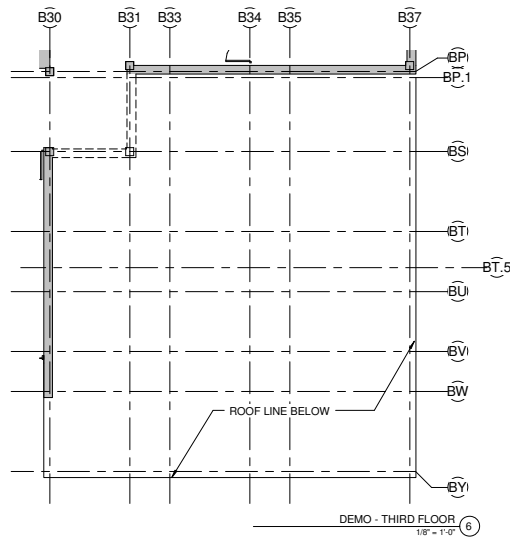
TEMPORARY CLASSROOM
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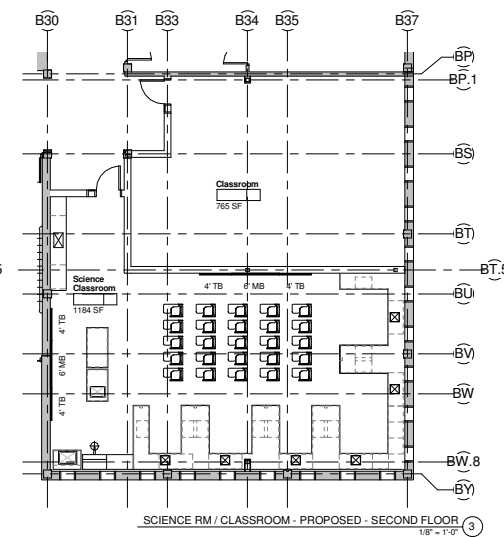
EXISTING ENTRY
1/8" = 1'-0" 7
ALTERNATE #2



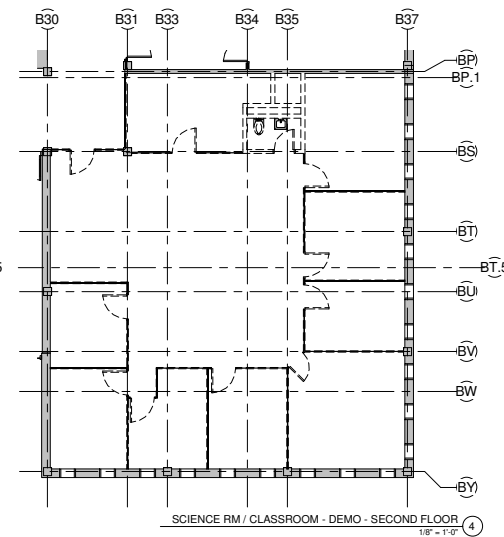
CLASSROOM/CLASSROOM - PROPOSED - THIRD FLOOR - SHEET 5
1/8" = 1'-0"



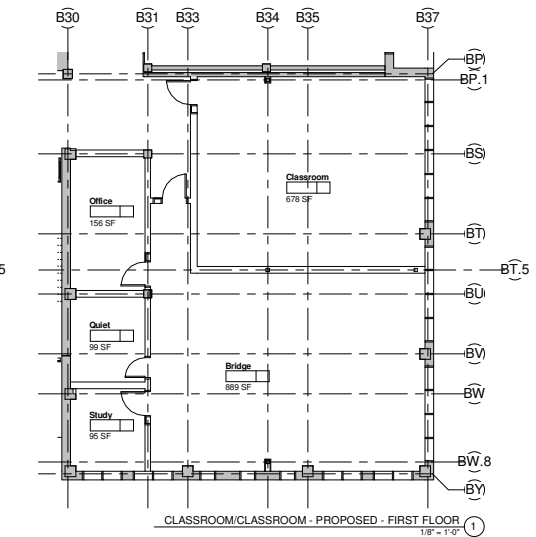
DEMO - THIRD FLOOR
1/8" = 1'-0" 6



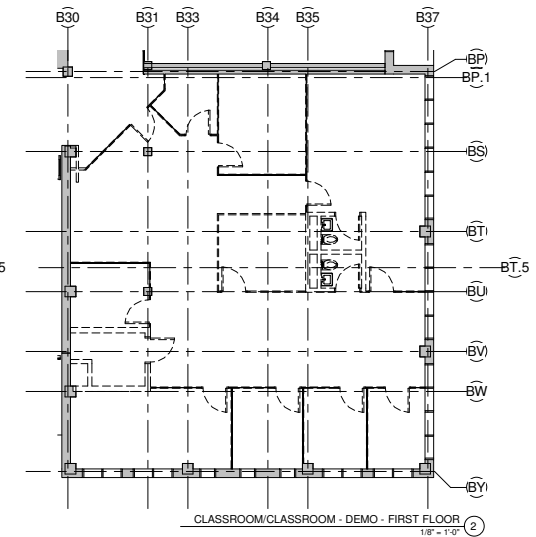
SCIENCE RM / CLASSROOM - PROPOSED - SECOND FLOOR 3
ALTERNATE #1 - CLASSROOM TO BE OUTFITTED AS A 6TH GRADE SCIENCE CLASSROOM



SCIENCE RM / CLASSROOM - DEMO - SECOND FLOOR 4
1/8" = 1'-0"



CLASSROOM/CLASSROOM - PROPOSED - FIRST FLOOR 1



CLASSROOM/CLASSROOM - DEMO - FIRST FLOOR 2
1/8" = 1'-0"

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Renovations and Additions to the
F.A. Day Middle School
Newton, MA
CR Layout / West Entry
SCALE: 1/8" = 1'-0"
DRAWN BY: A.P.B. CHECKED BY: C.D.B.

A2.1

JOB NUMBER 40211

#367-10B2

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SETTI D. WARREN
MAYOR

City of Newton, Massachusetts
Office of the Mayor

November 1, 2011

Honorable Board of Aldermen
Newton City Hall
1000 Commonwealth Avenue
Newton, MA 02459

Ladies and Gentlemen:

I write to request that your Honorable Board docket for consideration a request to amend *Docket #367-10(B2) – \$4,001,625 for renovations to the core of F.A. Day Middle School and sprinkler systems –HELD* by appropriating \$86,545 to cover the final cost of the construction and installation of the four modular classrooms at Horace Mann, Zervas, and Burr Elementary Schools.

I look forward to discussing this very important project with your Honorable Board. Thank you for your consideration of this matter.

Thank you for your consideration of this matter.

Very truly yours,

A handwritten signature in black ink, appearing to read "Setti D. Warren".

Setti D. Warren
Mayor

11 NOV -1 P 2:12
CITY CLERK
NEWTON, MA. 02159

1000 Commonwealth Avenue Newton, Massachusetts 02459

www.newtonma.gov



DEDICATED TO COMMUNITY EXCELLENCE

City of Newton



Setti D. Warren
Mayor

PUBLIC BUILDINGS DEPARTMENT

Stephanie Kane Gilman, Commissioner

Telephone (617) 796-1600

FAX (617) 796-1601

TTY: (617) 796-1089

52 ELLIOT STREET

NEWTON HIGHLANDS, MA 02461-1605

October 31, 2011

The Honorable Setti D. Warren
Mayor, City of Newton
1000 Commonwealth Avenue
Newton Centre, MA 02459

RE: Additional Funding Request for Four (4) Modular Classrooms for Three Elementary Schools, Docket Item # 367-10(B)

Dear Mayor Warren:

The Public Buildings Department is requesting an additional sum to cover the cost of the Construction and installation of four modular classrooms at three elementary schools. The revised project cost is based upon the bid received, which is an average of \$230,720.00 per classroom. The project is underway and on track to meet the December, 2011 substantial completion date.

The breakdown of the revised project cost is as follows:

Modular Construction and Installation	\$ 922,880.00
5% Contingency	\$ 46,144.00
Modular Design (including reimbursables)	<u>\$ 115,976.00</u>
Sub-Total	\$1,084,920.00
Less Original Schematic Design Funding	- \$ 75,000.00
Less Amended Funding Request (1)	<u>- \$ 923,375.00</u>
Amended Funding Request (2)	\$ 86,545.00

Please do not hesitate to contact me should you have any questions regarding this request.

Sincerely,

Stephanie Kane Gilman
Commissioner of Public Buildings

SKG:dla

CC: David Fleishman, Superintendent of Schools
Sandy Guryan, Assistant Superintendent of Business/Finance
Robert Rooney, Chief Operating Officer
Maureen Lemieux, Chief Financial Officer

#367-10B2



SETTI D. WARREN
MAYOR

City of Newton, Massachusetts
Office of the Mayor

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(617) 796-1100

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(617) 796-1113

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swarren@newtonma.gov

October 31, 2011

Honorable Board of Aldermen
Newton City Hall
1000 Commonwealth Avenue
Newton, MA 02459

11 OCT 31 P 2:48
CITY CLERK
NEWTON, MA. 02159

Ladies and Gentlemen:

I write to request that your Honorable Board docket for consideration a request to amend *Docket #367-10(B2) – \$4,001,625 for renovations to the core of F.A. Day Middle School and sprinkler systems –HELD* by appropriating \$102,117 for the design for sprinklers systems for the Horace Mann, Zervas, and Burr Elementary Schools.

Due to a change in the law, sprinkler systems are now required anytime an addition, including modular classrooms, is made to a building that has a gross building square footage of 7,500 square feet or more.

I look forward to discussing this very important project with your Honorable Board. Thank you for your consideration of this matter.

Very truly yours,

A handwritten signature in black ink, appearing to be "Setti D. Warren".

Setti D. Warren
Mayor

1000 Commonwealth Avenue Newton, Massachusetts 02459

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PUBLIC BUILDINGS DEPARTMENT

Stephanie Kane Gilman, Commissioner

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52 ELLIOT STREET

NEWTON HIGHLANDS, MA 02461-1605

Setti D. Warren

Mayor

September 12, 2011

The Honorable Setti D. Warren

Mayor

City of Newton

1000 Commonwealth Avenue

Newton Centre, MA 02459

RE: Sprinkler Installation in (4) Modular Classrooms and existing the building at Burr, Horace Mann and Zervas Elementary Schools

Dear Mr. Mayor:

The Public Buildings Department, on behalf of the School Department, is requesting the sum of **\$102,117** to cover the cost of design of Fire Sprinkler Systems in the (4) modular classrooms and existing buildings at three elementary schools; Burr, Horace-Mann and Zervas. As indicated below, the total estimated project cost will be \$1,174,277 based on \$9.43/sq. ft. for design and installation.

Due to a change in the law, these sprinklers are now required anytime an addition is made to a building that has a gross building square footage of 7,500 sq. ft. or more.

The City of Newton has requested a one year waiver, from the Commonwealth of Massachusetts, Automatic Sprinkler Appeals Board, to allow for a delayed installation of these sprinklers. These installations will occur during the summer of 2012, but the design and subsequent bidding will occur beginning this fall.

The breakdown of costs by school is as follows:

	<u>Burr</u>	<u>Horace-Mann</u>	<u>Zervas</u>	<u>Totals</u>
Design	\$ 43,460	\$ 31,160	\$ 27,497	\$ 102,117
Construction	\$434,600	\$311,600	\$ 274,905	\$1,021,105
5% Contingency	<u>\$ 21,730</u>	<u>\$ 15,580</u>	<u>\$ 13,745</u>	<u>\$ 51,055</u>
Total	\$499,790	\$358,340	\$ 316,147	\$1,174,277

Please do not hesitate to contact me should you have any questions regarding this request.

Sincerely,

Stephanie Kane Gilman,
Commissioner of Public Buildings

CC: Sandy Guryan, Deputy Superintendent/Chief Administrative Officer
Robert Rooney, Chief Operating Officer
Maureen Lemieux, Chief Financial Officer
Dr. David Fleishman, School Superintendent

8/26/2011

Revised Cost of Modular Classroom & Sprinkler Installation at (3) Schools

School	ZERVAS SCHOOL	HORACE MANN SCHOOL	BURR SCHOOL	TOTAL COSTS
Modular Classroom Construction *	\$ 408,750	\$ 204,375	\$ 204,375	
Design	\$ 70,000	\$ 35,000	\$ 35,000	
Contingency (5%)	\$ 20,438	\$ 10,219	\$ 10,219	
Construction Sub Total	\$ 499,188	\$ 249,594	\$ 249,594	\$ 998,375
Sprinkler installation (\$8.20/sq.ft.)	\$ 274,905	\$ 311,600	\$ 434,600	
Design	\$ 27,497	\$ 31,160	\$ 43,460	
Contingency (5%)	\$ 13,745	\$ 15,580	\$ 21,730	
Sprinklers Sub Total	\$ 316,147	\$ 358,340	\$ 499,790	\$ 1,174,277
Total Project Costs	\$ 815,334	\$ 607,934	\$ 749,384	\$ 2,172,652

Current Budget for all Modular Construction \$ 998,375

Projected Budgets for Modulcars & Sprinklers \$ 2,172,652

** Total Additional Funding Required for Project \$ 1,174,277

** Summary of Modular Project Cost Increase

\$ 1,174,277 Modular Classroom Sprinkler Cost

* Construction Cost includes: general conditions, OH+P, escalation, Design Contingency