8.3 ROOM DATA SHEETS

The following Room Data Sheets identify material and building systems that will make up the various space types throughout the building. These materials and systems are reflected in the cost estimate located in Section 7 of this report.

General Classrooms

Functional Criteria

Area:	950 SF
Quantity:	22

Room Surfaces

Floor:	Resilient flooring
Walls:	Painted gypsum wallboard
Wainscot/Paneling:	none
Ceiling:	Acoustic ceiling panels
Acoustical:	None
Doors:	Wood
Interior Windows:	Sidelights

Building Services

Mechanical:	Air System, Air Conditioning; radiant heating at exterior walls at new construction; 4 pipe unit ventilators w/ Air Conditioning at existing building
Plumbing:	Sink with bubbler
Fire Protection:	A/V fire alarm and sprinkler (per NFPA code).
Lighting:	Suspended fluorescent direct / indirect light; accent lighting at teaching wall
Electrical:	Duplex wall outlets

Furnishings, Fixtures & Equipment

Marker Board:	(3) 4' x 8' marker boards
Tack Board:	(2)-4'x 8' tack boards at Teaching Wall (1" tack strip above).
Casework:	Plastic laminate-clad countertops and doors with wood veneer base cabinets and wall cabinets.
Wardrobe:	30" wide with 2 double hooks, 2 cubbies above

Communication & Technology

Telephone:	1 per room (wall mounted)
Clock:	1 per room
Speaker:	1 per room
TV Monitor/Projector/Screen:	Ceiling mounted projection screen; Ceiling mounted video projector
Smart Board:	YES
Cable TV Outlet:	1 per room

ART & MUSIC

Art Classroom

Functional Criteria

Area:	1,000 SF
Quantity:	2

Room Surfaces

Floor:	Sealed concrete
Walls:	Painted gypsum wallboard
Wainscot/Paneling:	none
Ceiling:	Acoustic ceiling panels
Acoustical:	None
Doors:	Wood
Interior Windows:	Sidelights

Building Services

Mechanical:	Air System, Air Conditioning; radiant heating at exterior walls
Plumbing:	Sink with bubbler 2 sinks and 1 double sink in storage room
Fire Protection:	A/V fire alarm and sprinkler (per NFPA code).
Lighting:	Suspended fluorescent direct / indirect light; accent lighting at teaching wall
Electrical:	Duplex wall outlets

Furnishings, Fixtures & Equipment

Marker Board:	(3) 4' x 8' marker boards
Tack Board:	(2)-4'x 8' tack boards at Teaching Wall (1" tack strip above).
Casework:	Plastic laminate-clad countertops and doors with wood veneer base cabinets and wall cabinets.
Wardrobe:	30" wide with 2 double hooks, 2 cubbies above

Communication & Technology

Telephone:	1 per room (wall mounted)
Clock:	1 per room
Speaker:	1 per room
TV Monitor/Projector/Screen:	Ceiling mounted projection screen; Ceiling mounted video projector
Smart Board:	YES
Cable TV Outlet:	1 per room

Music Classroom

Functional Criteria

Area:	1,225 SF; 1,375 SF
Quantity:	2

Room Surfaces

Floor:	Resilient flooring
Walls:	Painted gypsum wallboard
Wainscot/Paneling:	none
Ceiling:	Acoustic ceiling panels (50% reflective)
Acoustical:	Wall Panels on 2 Walls
Doors:	Wood
Interior Windows:	Sidelights

Building Services

Mechanical:	4 pipe unit ventilators w/ Air Conditioning
Plumbing:	Sink with bubbler
Fire Protection:	A/V fire alarm and sprinkler (per NFPA code).
Lighting:	Suspended fluorescent direct / indirect light; accent lighting at teaching wall
Electrical:	Duplex wall outlets

Furnishings, Fixtures & Equipment

Marker Board:	(3) 4' x 8' marker boards
Tack Board:	(2)-4'x 8' tack boards at Teaching Wall (1" tack strip above).
Casework:	Plastic laminate-clad countertops and doors with wood veneer base cabinets and wall cabinets.
Wardrobe:	30" wide with 2 double hooks, 2 cubbies above

Communication & Technology

Telephone:	1 per room (wall mounted)
Clock:	1 per room
Speaker:	1 per room
TV Monitor/Projector/Screen:	Ceiling mounted projection screen; Ceiling mounted video projector
Smart Board:	YES
Cable TV Outlet:	1 per room

HEALTH & PHYSICAL EDUCATION

Gymnasium

Functional Criteria

Area:	6,000 SF
Quantity:	1

Room Surfaces

Floor:	Wood Strip Flooring
Walls:	Painted block, Gypsum wallboard above
Wainscot/Paneling:	None
Ceiling:	Exposed structure, Acoustical deck
Acoustical:	Tectum panels on walls
Doors:	Wood
Interior Windows:	TBD

Building Services

Mechanical:	Heating and Ventilation Rooftop Unit, radiant heating along wall under windows at exterior walls
Plumbing:	Drinking fountain, outside gymnasium
Fire Protection:	A/V fire alarm and sprinklers (per NFPA code)
Lighting:	HID or Hi-Bay fluorescent
Electrical:	Duplex wall outlets

Furnishings, Fixtures & Equipment

Marker Board:	None
Tack Board:	None
Casework:	None
Wardrobe:	None
Equipment:	Operable bleachers, backstops and divider curtain, scoreboard

Communication & Technology

Telephone:	(2) 1 per teach ng station
Clock:	(2) 1 per teaching station
Speaker:	Multiple for local sound system
TV Monitor/Projector/Screen:	Large projection screen
Smart Board:	None
Cable TV Outlet:	(2) 1 per teacher station

MEDIA CENTER

Media Center / Reading Room / Computer Area

Functional Criteria

Area:	3,640 SF
Quantity:	1

Room Surfaces

Floor:	Carpet
Walls:	Gypsum Wallboard
Wainscot/Paneling:	None
Ceiling:	Acoustical Ceiling Tile
Acoustical:	Acoustical Wall Panels
Doors:	Wood
Interior Windows:	Sidelights

Building Services

Mechanical:	Air system fully air conditioned, radiant heating at exterior walls
Plumbing:	Sink in Workroom
Fire Protection:	A/V fire alarm and sprinklers (Per NFPA Code)
Lighting:	Lighting at reading area, suspended fluorescent – direct / indirect component; accent lighting TBD
Electrical:	Duplex wall outlets

Furnishings, Fixtures & Equipment

Marker Board:	Markerboard; layout to be determined
Tack Board:	Tackboards; layout to be determined
Casework:	Wood ad plastic laminate-clad information desk, plastic laminate countertops, doors with wood veneer base cabinets and wall cabinets in workroom
Wardrobe:	None
Equipment:	None
Shelving:	Fixed shelving along perimeter, loose FFE shelving in center

Communication & Technology

Telephone:	1 per room
Clock:	1 per room
Speaker:	1 per room
TV Monitor/Projector/Screen:	Ceiling mounted projection screen, ceiling mounted projector
Smart Board:	YES
Cable TV Outlet:	1 per room

DINING & FOOD SERVICE

Cafeteria / Dining

Functional Criteria

Area:	3,300 SF
Quantity:	1

Room Surfaces

Floor:	Porcelain tile
Walls:	Gypsum wallboard
Wainscot/Paneling:	Tile
Ceiling:	Acoustic ceiling panels
Acoustical:	Acoustical panels on walls
Doors:	Wood
Interior Windows:	To be determined

Building Services

Mechanical:	Air System, Air Conditioned; Radiant heating at Exterior walls
Plumbing:	Electric water cooler
Fire Protection:	A/V fire alarm and sprinklers (per NFPA code)
Lighting:	Suspended fluorescent; accent lighting
Electrical:	Duplex wall outlets

Furnishings, Fixtures & Equipment

Marker Board:	None
Tack Board:	Tackboards and tack strips as needed; layout to be determined.
Casework:	Stainless steel tray return and trash receptacle/recycling area
Wardrobe:	None
Furnishings:	Tables and seats under FFE, Gymnasium type divider curtain

Communication & Technology

Telephone:	2 per room
Clock:	2 per room
Speaker:	Multiple to support local sound system
TV Monitor/Projector/Screen:	Ceiling mounted projection screen
Smart Board:	None
Cable TV Outlet:	2 per room

Kitchen

Functional Criteria

Area:	1,960 SF
Quantity:	1

Room Surfaces

Floor:	Epoxy resin
Walls:	Tile
Wainscot/Paneling:	None
Ceiling:	Mylar accustical tile
Acoustical:	None
Doors:	Painted metal
Interior Windows:	None

Building Services

Mechanical:	Heated and ventilated
Plumbing:	As required to support equipment and hand sinks
Fire Protection:	A/V fire alarm and sprinklers (per NFPA code)
Lighting:	Lensed recessed fluorescent fixtures
Electrical:	As required to support equipment

Furnishings, Fixtures & Equipment

Marker Board:	None
Tack Board:	None
Casework:	None
Wardrobe:	None
Furnishings:	Lockers for staff, food service equipment

Communication & Technology

Telephone:	1 per room
Clock:	1 per room
Speaker:	1 per room
TV Monitor/Projector/Screen:	None
Smart Board:	None
Cable TV Outlet:	None

MEDICAL SUITE

Nurses' Office/Waiting Rm:	1@250 SF		
Exam Room/Resting:	2@100 SF	Toilet:	1@60 SF

Functional Criteria

Area:	510 SF
Quantity:	4

Room Surfaces

Floor:	Resilient flooring
Walls:	Painted gypsum wallboard
Wainscot/Paneling:	None
Ceiling:	Acoustical ceiling panel
Acoustical:	None
Doors:	Wood
Interior Windows:	Sidelights

Building Services

Mechanical:	Air System, Fully Air Conditioned; Radiant heating at Exterior walls
Plumbing:	Sink, Unisex Toilet Room, Eyewash
Fire Protection:	A/V fire alarm and sprinklers (per NFPA code)
Lighting:	Recessed fluorescent with parabolic lens
Electrical:	Duplex wall outlets

Furnishings, Fixtures & Equipment

Marker Board:	At exam room and waiting area
Tack Board:	At exam room and waiting area
Casework:	Plastic laminate clad countertops and doors with wood veneer base cabinets and wall cabinets
Wardrobe:	30" wide storage and wardrobe units (2)
Furnishings:	None

Communication & Technology

Telephone:	1 per room
Clock:	1 per room
Speaker:	1 per room
TV Monitor/Projector/Screen:	None
Smart Board:	None
Cable TV Outlet:	1 per room

ADMINISTRATION SUITE

Office/Waiting Room/Toilet:	1@400 SF	Teachers' Mail & Time Room:	1@100 SF
Duplicating Room:	1@150 SF	Records Room:	1@110 SF
Principal's Office w/ Conf. Area:	1@375 SF	Principal's Secretary/Waiting:	1@125 SF
Conference Room:	1@250 SF	Spare Office / Social Worker:	1@120 SF
Guidance Office:	2@150 SF	Guidance Storeroom:	1@35 SF
Assistant Principal	1@120 SF	Teachers' Work Room:	1@450 SF

Functional Criteria

Area: 2,535 SF
Quantity: 13

Room Surfaces

Floor: Carpet
Walls: Gypsum wallboard
Wainscot/Paneling: None
Ceiling: Acoustical ceiling panel
Acoustical: None
Doors: Wood
Interior Windows: Sidelights

Building Services

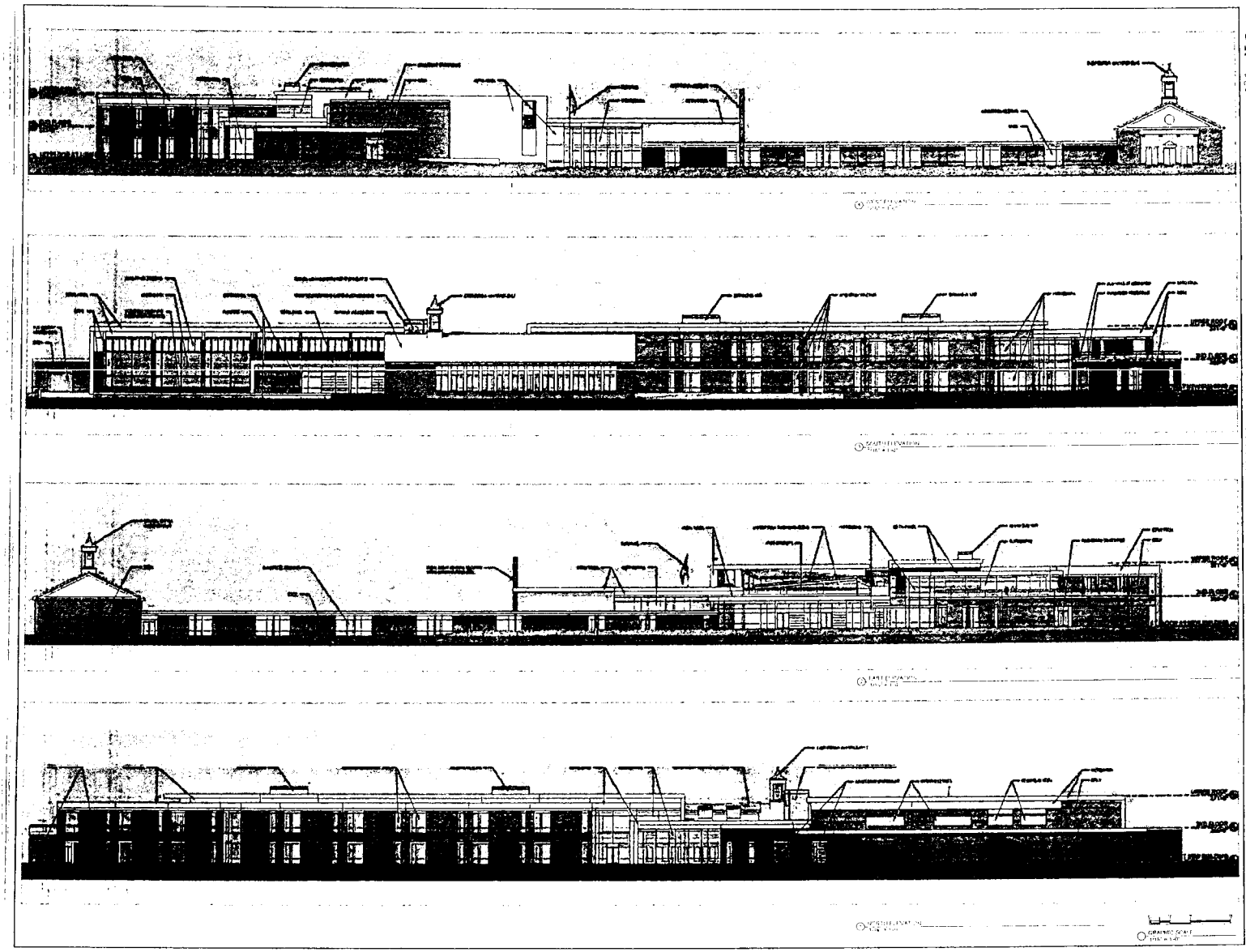
Mechanical: Air System, Fully Air Conditioned; Radiant heating at Exterior walls
Plumbing: Sink in General Office, Two Unisex Toilets
Fire Protection: A/V fire alarm and sprinklers (per NFPA code)
Lighting: Recessed fluorescent (indirect type)
Electrical: Duplex wall outlets

Furnishings, Fixtures & Equipment

Marker Board: Markerboard; (1) 4' unit, each per room.
Tack Board: 4' unit each room
Casework: Plastic laminate clad countertops and doors with wood veneer base cabinets and wall cabinets in General Office
Wardrobe: None
Furnishings: None

Communication & Technology

Telephone: 1 per room, multiple in General Office
Clock: 1 per room
Speaker: 1 per room
TV Monitor/Projector/Screen: Ceiling mounted projection screen at conference room
Smart Board: In conference room
Cable TV Outlet: 1 at conference room



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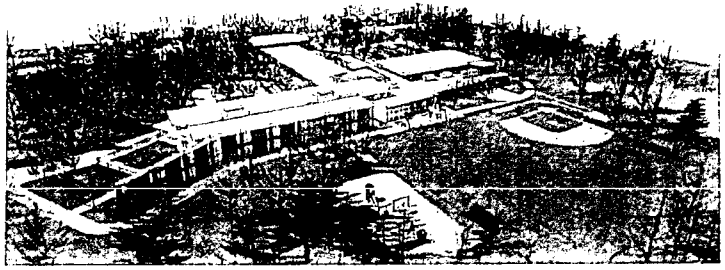
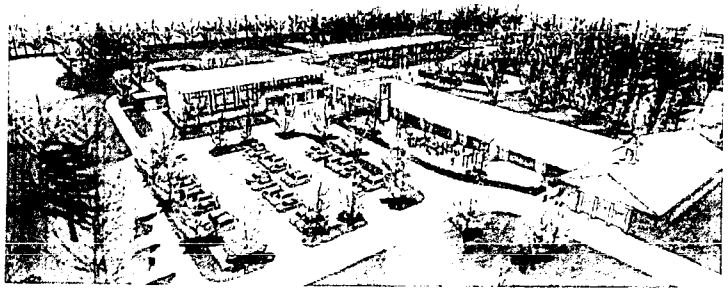
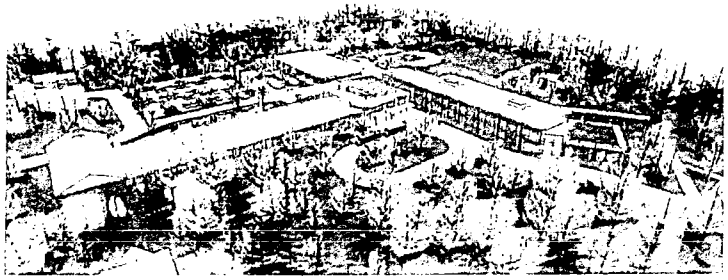
EXTERIOR ELEVATIONS

A201







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BUILDING PERSPECTIVES

A2.02

Massachusetts Collaborative for High Performance Schools (MA-CHPS)

MA-CHPS SCORECARD

The information below has been forward from your Registration Form. Please review for accuracy and/or update as necessary.

39 Total Project Score — **Total Possible Points 89**

10	Points		SITE — Possible Points 15
	—	SP 1	**Joint Use of Facilities**
	—	SP 2	**Joint Use of Parks**
1	1	SC 1.1	Sustainable Site Selection
1	1	SC 1.2	No Development on Floodplains
	1	SC 1.3	No Development Near Wetlands
2	1-2	SC 1.4	No Development on Greenfields
	1	SC 1.5	Centrally Located Site/Smart Growth
1	1	SC 1.6	Reduced Building Footprint
1	1	SC 1.7	Sustainable Site and Building Layout
	1	SC 2.1	Locate Near Public Transit
1	1	SC 2.2	Pedestrian/Bike Access
	1	SC 2.3	Minimize Parking
	1	SC 3	Post-Construction Stormwater Management
	1	SC 4.1	Design to Reduce Heat Islands, Non-Roof
1	1	SC 4.2	Design to Reduce Heat Islands, Roof
2	2	SC 5	Exterior Light Pollution Reduction

3	Points		WATER — Possible Points 6
	—	WP 1	**Indoor Water Use Reduction, 20% Reduction**
1	1	WC 1.1	Indoor Water Use Reduction, 30% Reduction
	1	WC 1.2	Reduce Water Used for Sewage Conveyance
1	1	WC 2.1	No Permanent Irrigation For Landscaping
1	1	WC 2.2	Water Reduction and Sports Turf Management
	1	WC 2.3	Irrigation System Commissioning

3	Points		ENERGY — Possible Points 35
	—	EP 1	**Elimination of CFC-based Refrigerants**
	—	EP 2	**Commissioning**
	—	EP 3	**Fundamental Building Systems, Training**
	—	EP 4	**Exceed Energy Code by 20%, Prescriptive Approach**
	—	EP 4	**Exceed Energy Code by 20%, Performance Approach**
1	1-2	EC 1	Superior Energy Performance, Prescriptive Approach
	1-10	EC 1	Superior Energy Performance, Performance Approach
	2	EC 2	Minimize Air Conditioning
	2-11	EC 3	Renewable Energy
1	1	EC 4.1	Energy Management Systems
1	1	EC 4.2	Submetering

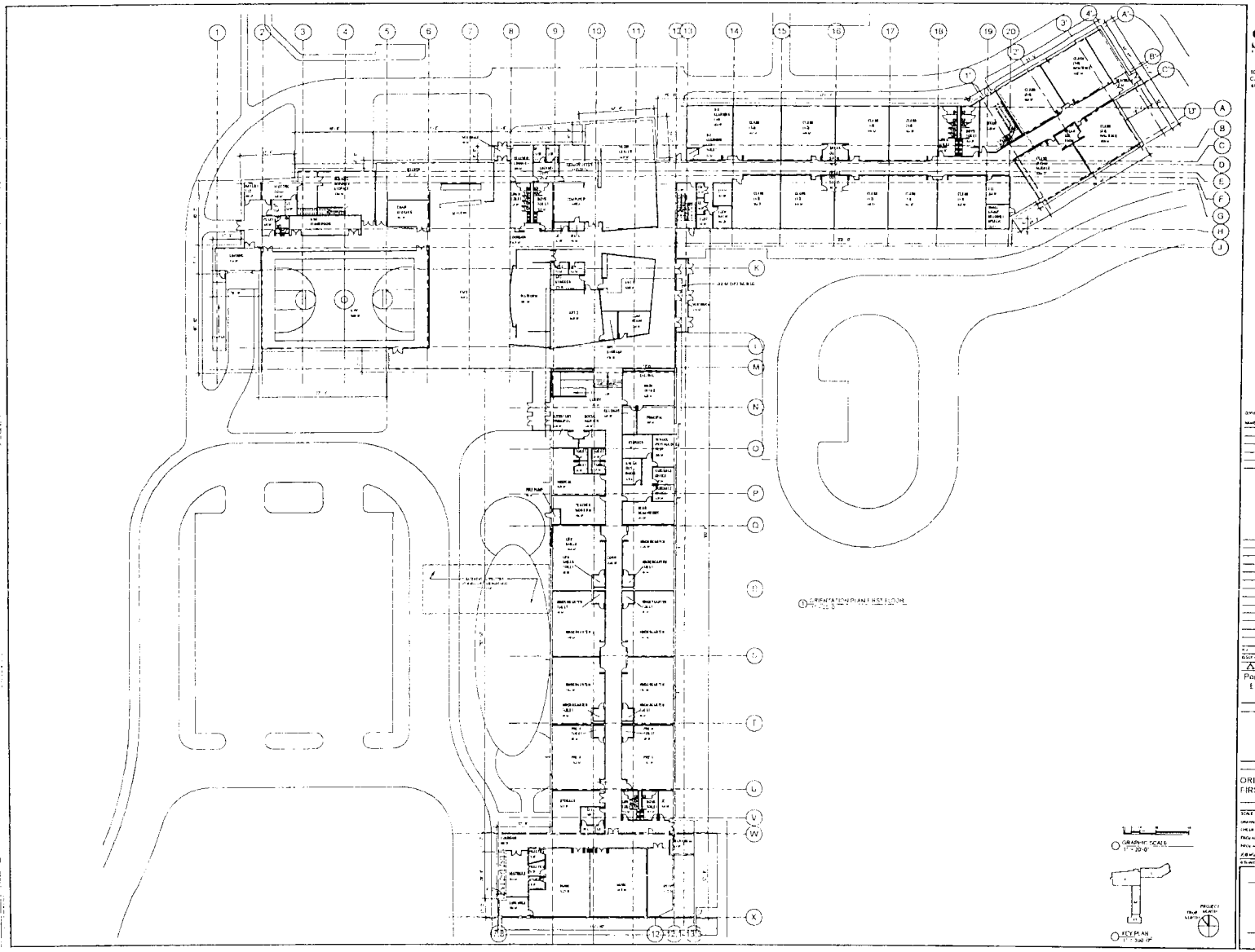
4	Points		MATERIALS — Possible Points 14
	—	MP 1	**Storage & Collection of Recyclables**
	—	MP 2	**Site Waste Management, 75% Diversion**
	1	MC 1	Site Waste Management, 90% Diversion
2	1-4	MC 2.1	Building Reuse, Maintain 50-95% of Existing Shell
	1	MC 2.2	Building Reuse, Maintain 50% Interior
2	1-7	MC 3	Combined Materials Attributes

16	Points		IEQ — Possible Points 22
	—	IEQP 1	**ASHRAE Standard 62.1-2004 Compliance**
	—	IEQP 2	**SMACNA IAQ Guidelines**
	—	IEQP 3	**Construction IAQ, Duct Protection**
	—	IEQP 4	**Pollutant Source Control, Off-gassing**
	—	IEQP 5	**Walk-Off Mats**
	—	IEQP 6	**Drainage**
	—	IEQP 7	**Irrigation Design**
	—	IEQP 8	**Mold Protection**
	—	IEQP 9	**Electric Ignitions, Gas-Fired Equipment**
	—	IEQP 10	**Air Intake Location**
	—	IEQP 11	**Duct Liners**
	—	IEQP 12	**Prohibit Fossil Fuel Burning Equipment, Indoors**
	—	IEQP 13	**Filter Requirements for HVAC Equipment**
	—	IEQP 14	**ASHRAE Standard 55-2004 Compliance**
	—	IEQP 15	**Access to Views, 70%**
2	2	IEQC 1.1	Access to Views, 90%
2	1-4	IEQC 1.2	Daylighting in Classrooms
4	1-4	IEQC 2.1	Low-Emitting Materials
1	1	IEQC 2.2	Pollutant Source Control, Ducted HVAC Returns
1	1	IEQC 2.3	Pollutant Source Control, High Efficiency Filters
1	1	IEQC 2.4	Construction IAQ, HEPA Vacuuming
2	2	IEQC 2.5	Construction IAQ, Building Flushout
1	1	IEQC 3.1	Acoustical Performance in Classrooms, Max 40 NC
1	1	IEQC 3.2	Acoustical Performance in Classrooms, Max 35 NC
	2	IEQC 3.3	Acoustical Performance in Classrooms, Max 30 NC
	1	IEQC 3.4	Reducing Sound Transmission
1	1	IEQC 4.1	Controllability of Systems, Operable Windows
	1	IEQC 4.2	Controllability of Systems, Temperature/Light Control

3	Points		POLICY & OPERATIONS — Possible Points 8
	—	P&OP 1	**Maintenance Plan**
	—	P&OP 2	**Anti-Idling Measures**
1	1	P&OC 1	Maintenance Plan, CMMS
1	1	P&OC 2	Indoor Environmental Management Plan
1	1	P&OC 3	Energy Star Equipment Performance
	1	P&OC 4.1	Clean Energy, 50%
	1	P&OC 4.2	Clean Energy, 100%
	1-3	P&OC 5	Innovation

Requirement for all schools
Requirement for green schools only

Point Thresholds
30 points - 1.5% Financing of Maximum Allowable Cost
34 points - 2.0% Financing of Maximum Allowable Cost



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1000 Massachusetts Avenue
Cambridge, Massachusetts 02138
617 547 5070 Fax 617 547 3700

OWNER REVIEW

NAME	Date

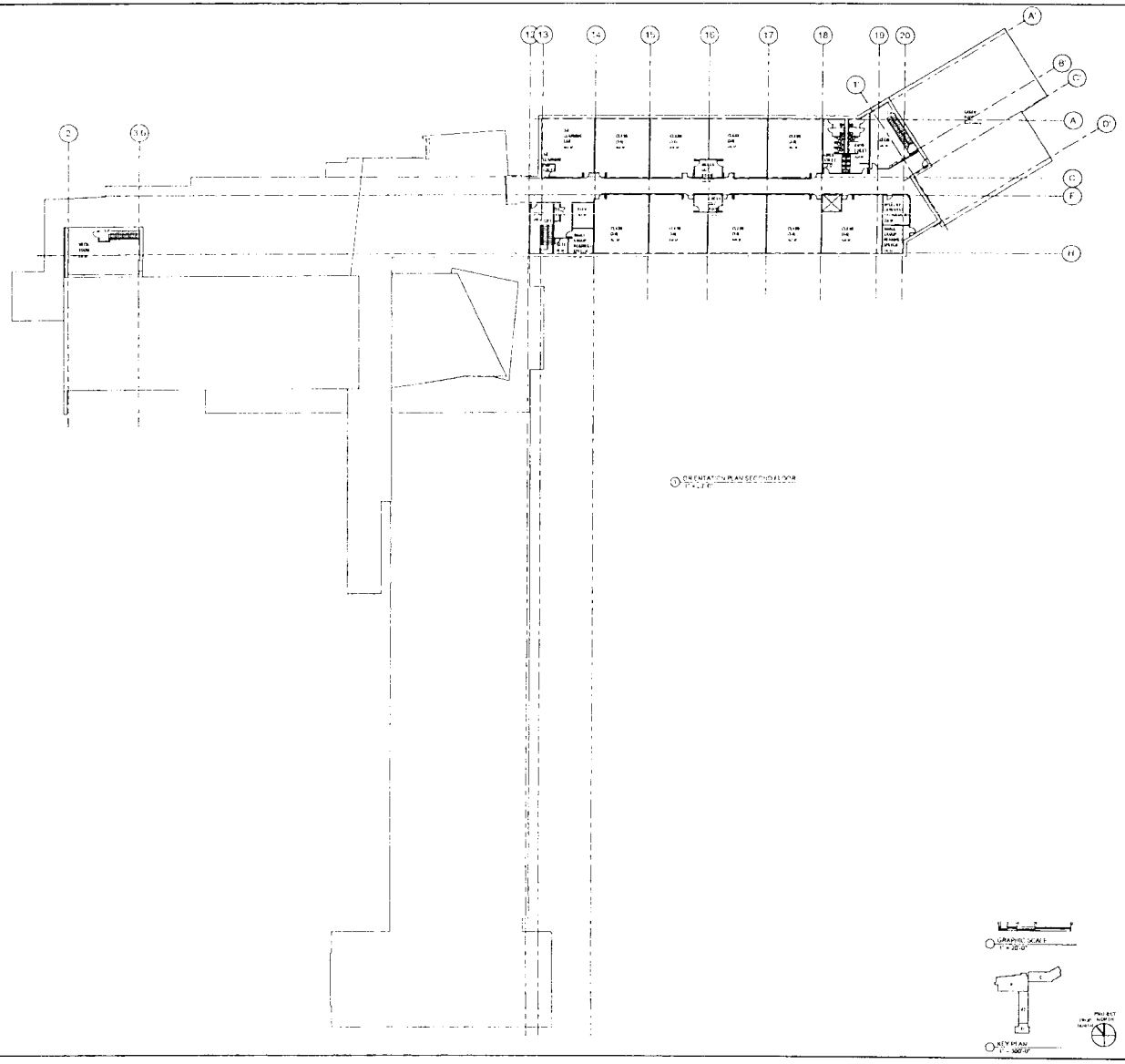
NO.	ISSUE
1	DESCRIPTION
2	DATE

Pomposettucut / Center Elementary School

ORIENTATION PLAN FIRST FLOOR

SCALE	As noted
DRAWN BY	[illegible]
CHECKED BY	[illegible]
PROJECT MANAGER	[illegible]
REVIEW BY	[illegible]
JOB NO.	[illegible]

A0.01



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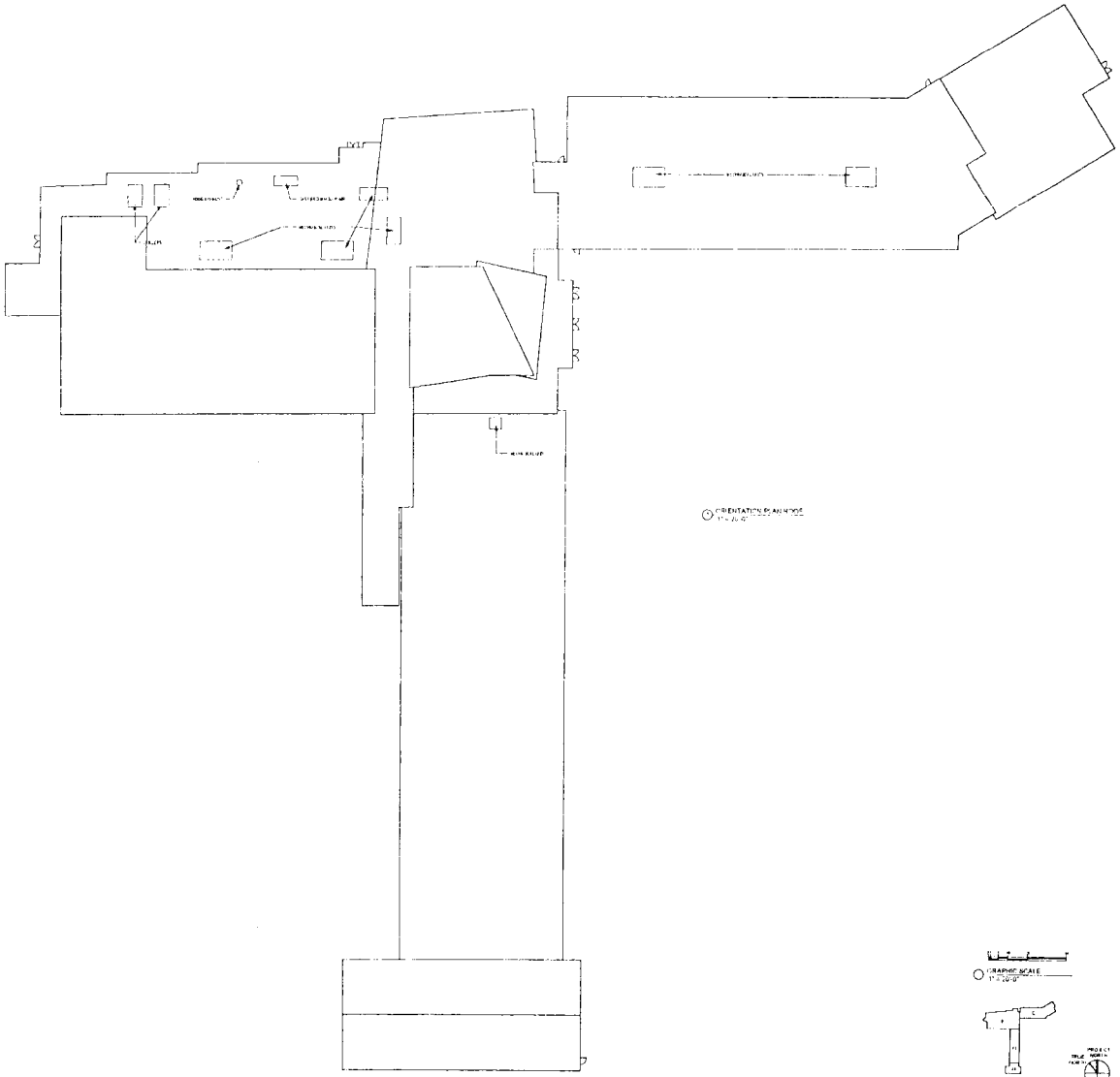
OWNER REVIEW

Name	Date



ORIENTATION PLAN ROOF
1" = 20'-0"

GRAPHIC SCALE
1" = 20'-0"

KEY PLAN
1" = 200'-0"

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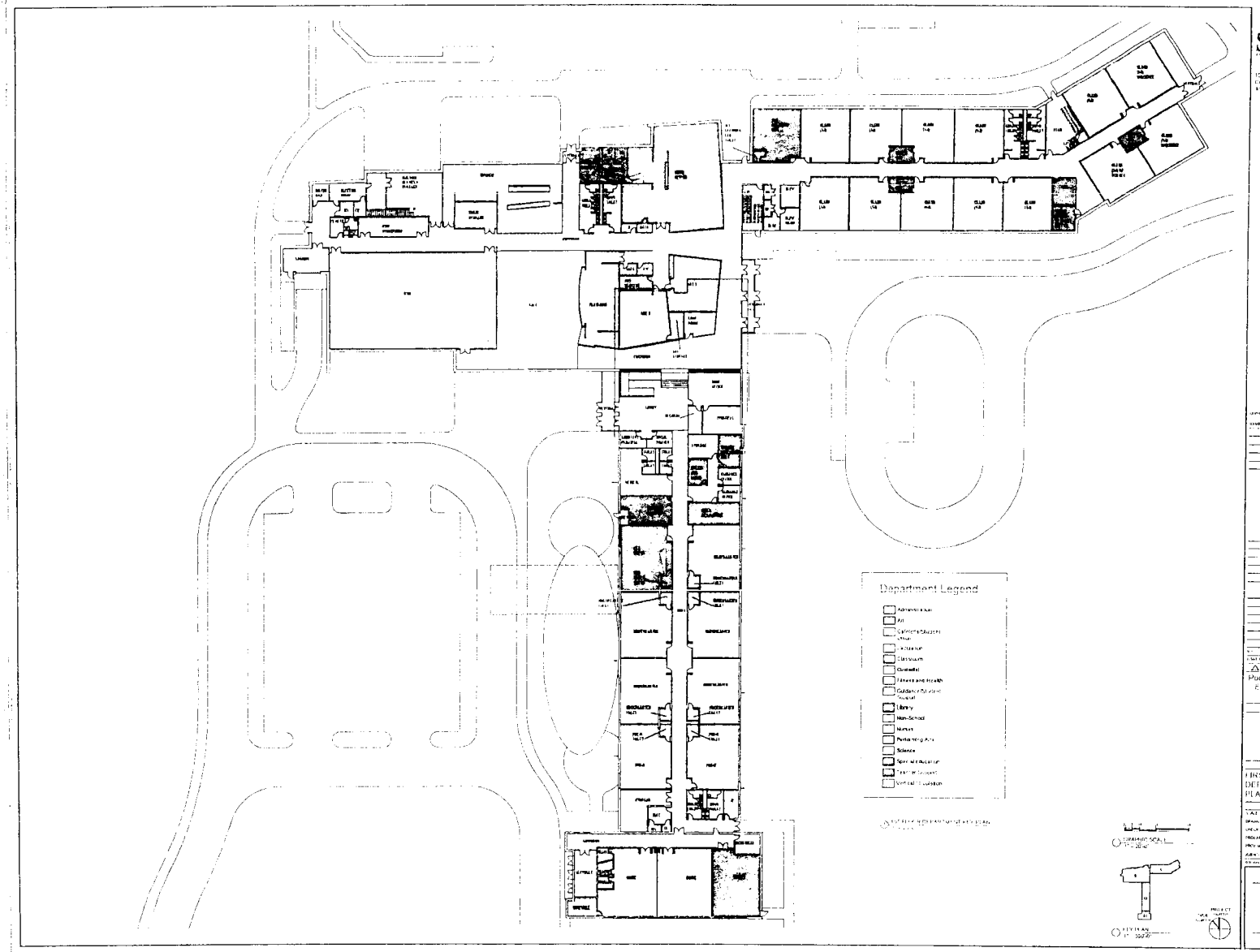
ORIENTATION PLAN ROOF

A0.03



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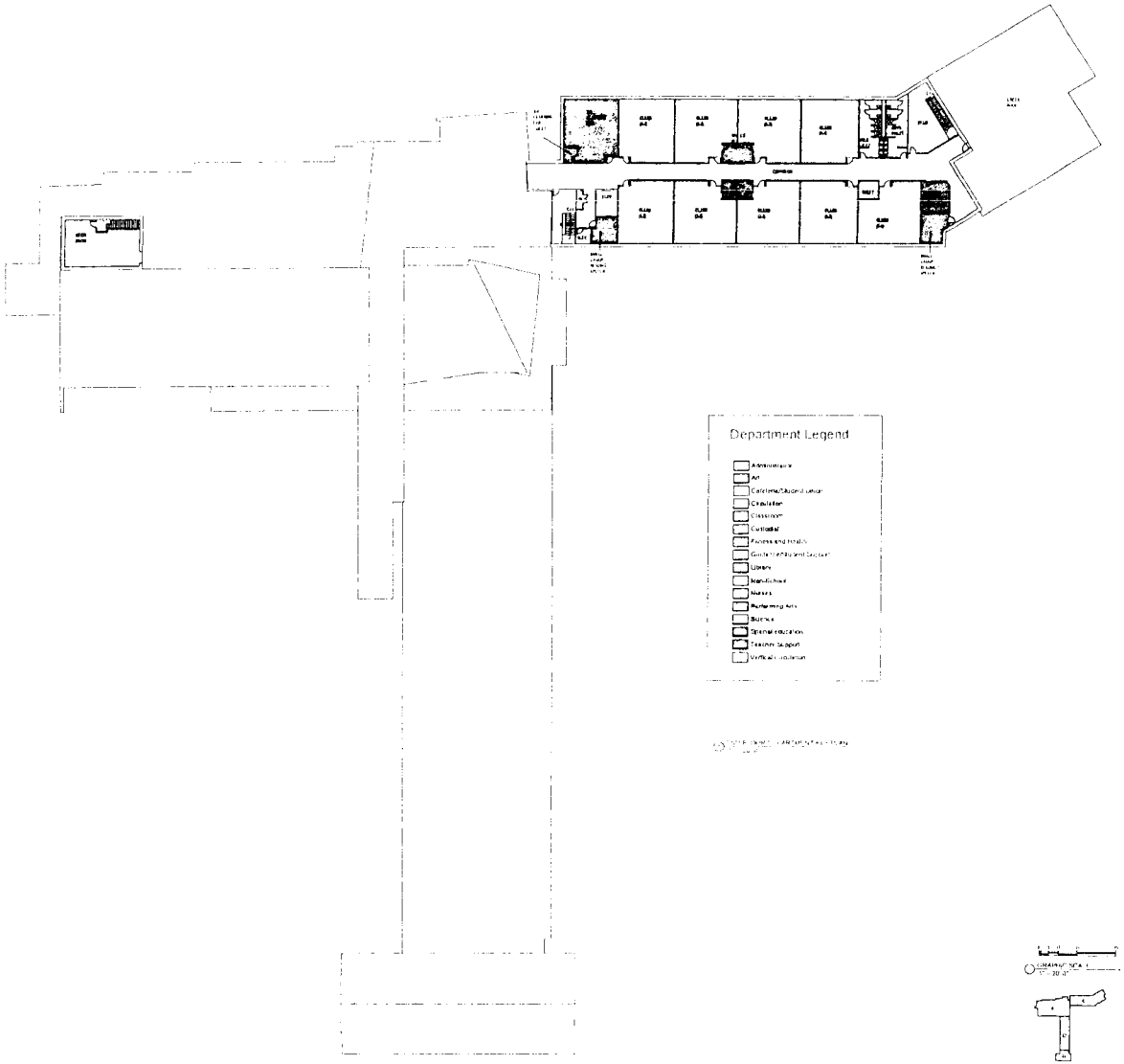
Pamposhtucket / Center
Elementary School

FIRST FLOOR
DEPARTMENT KEY
PLAN

A0.10



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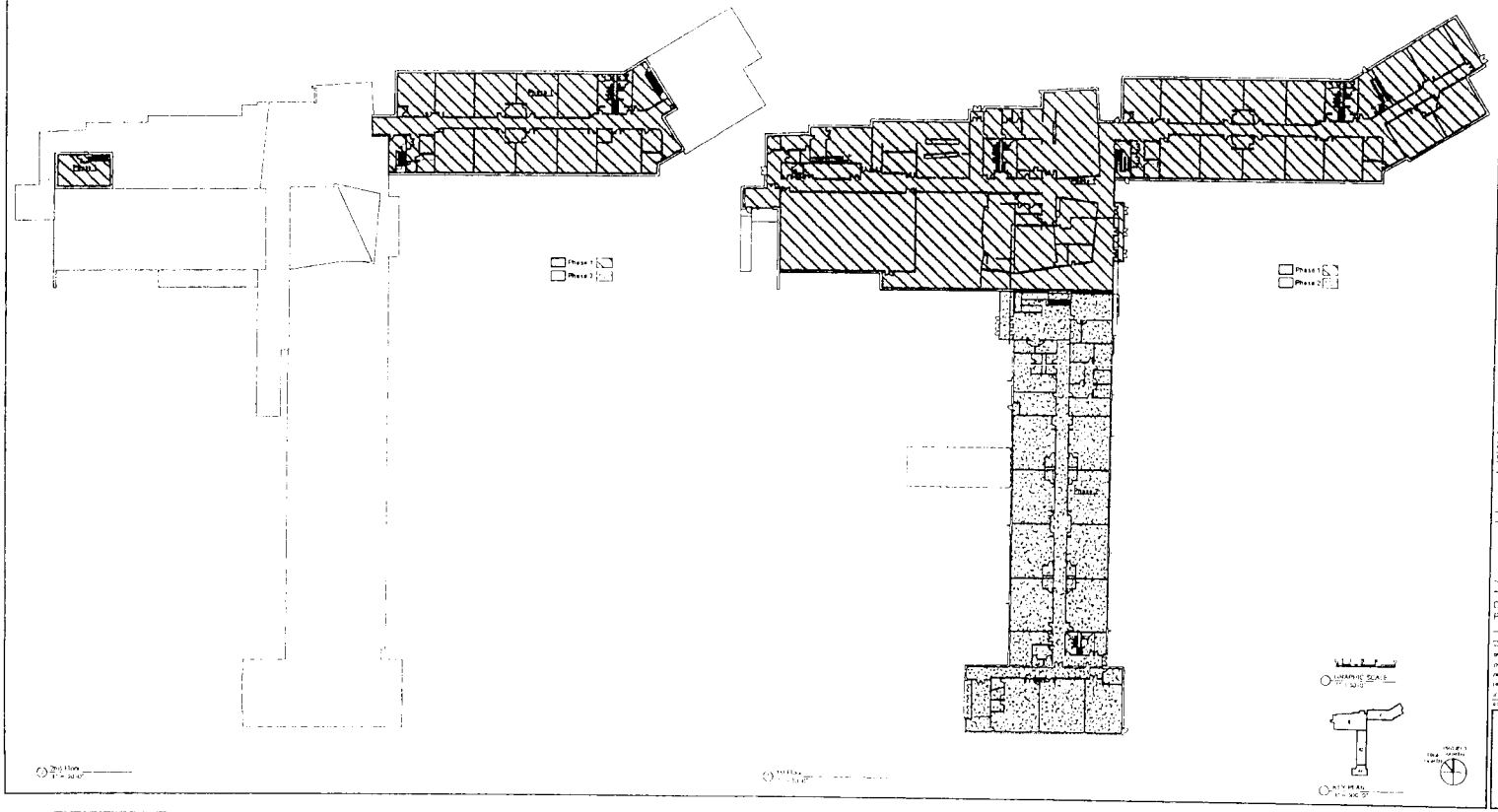
SECOND FLOOR DEPARTMENT KEY PLAN

A0.11



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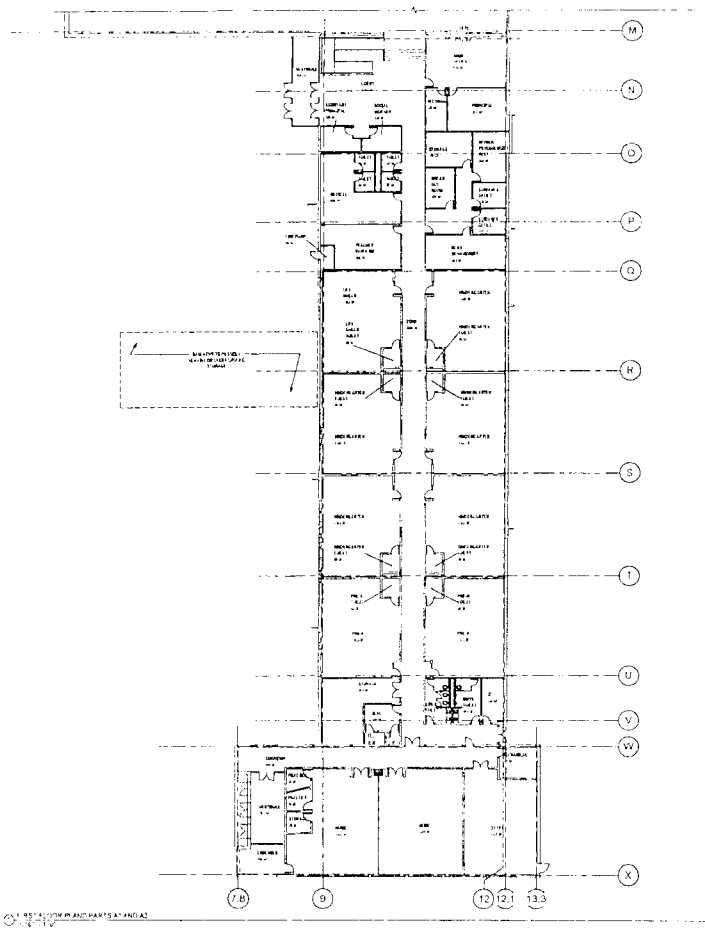
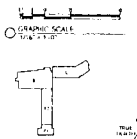
Elementary School

CONSTRUCTION
PHASING PLANS

A0.20



1 FIRST FLOOR PLAN PARTS A1 AND A2
1/16" = 1'-0"



GRAPHIC SCALE
1/16" = 1'-0"

KEY PLAN PART A1 & A2
1" = 100'-0"

PROJECT NORTH
TRUE NORTH

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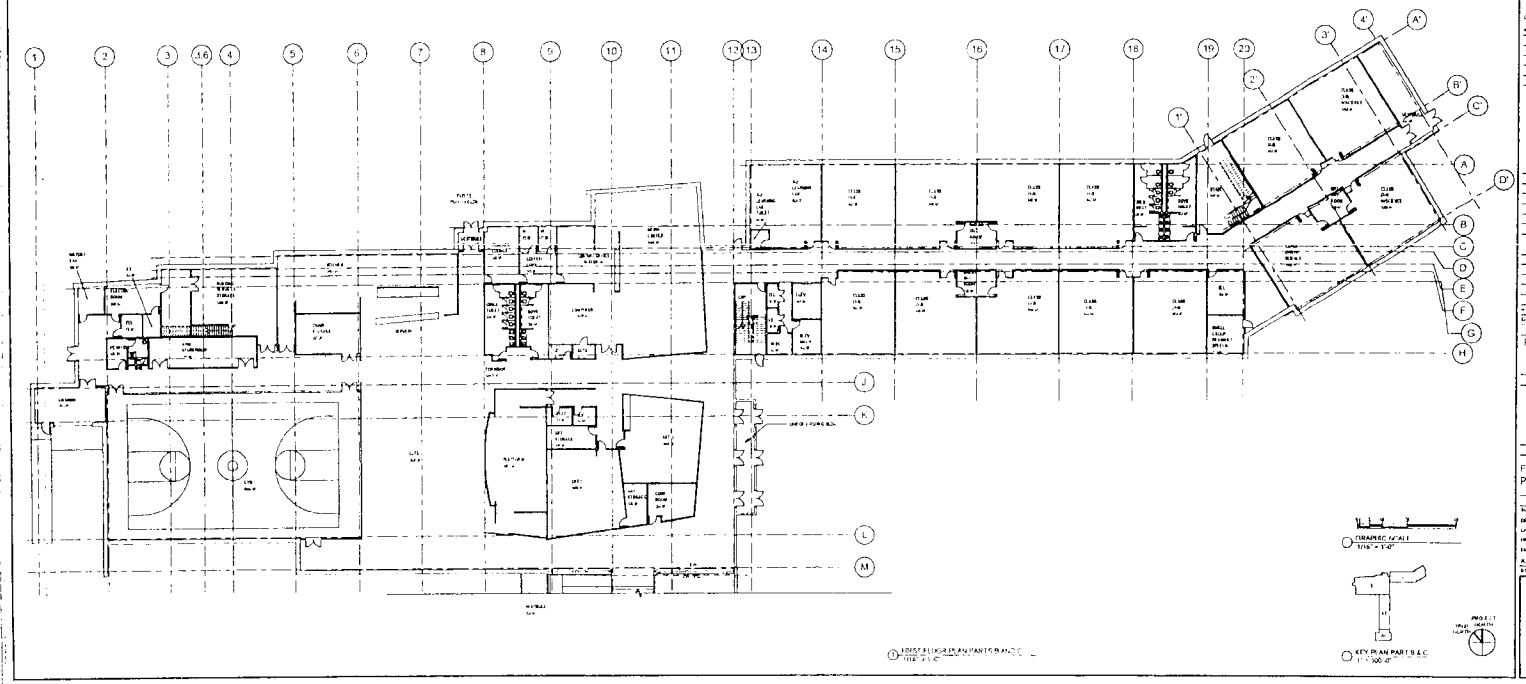
Issued Date

Pemposkuot / Center Elementary School

FIRST FLOOR PLAN PARTS A1 AND A2

A1.01A



1 FIRST FLOOR PLAN PARTS B AND C
1/16" = 1'-0"

GRAPHIC SCALE
1/16" = 1'-0"

KEY PLAN PART S B & C
1" = 300'-0"

PROJECT TRUE NORTH

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617 547 5480 Fax 617 354 8758

Owner Review
Issue Date

Issue	Date

Revision	Description

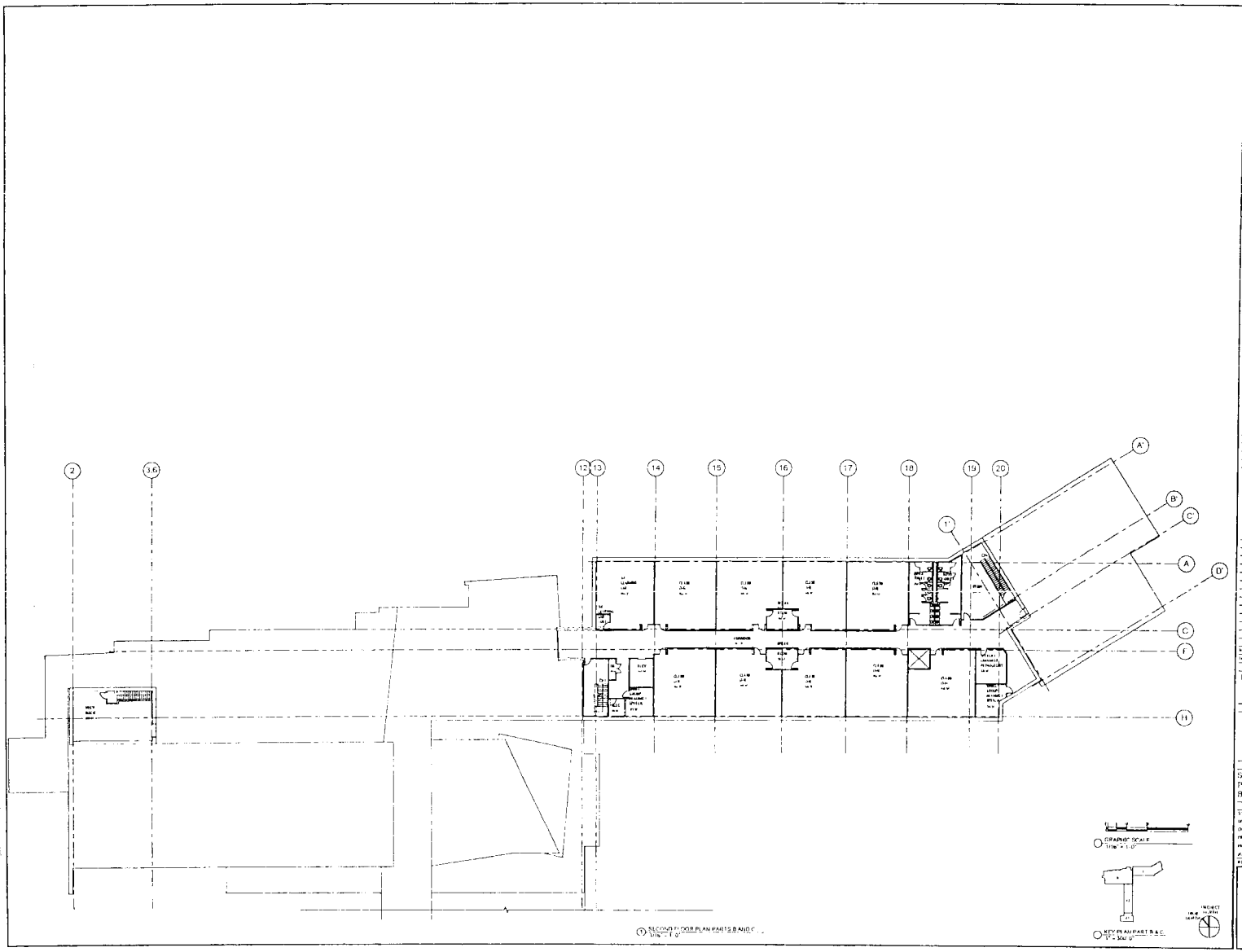
Issued for
Issue Date

Penipositicut / Center
Elementary School

FIRST FLOOR PLAN
PARTS B AND C

Scale
Drawn by
Checked by
Project Number
Date Issued
Author

A1.01BC



1 SECOND FLOOR PLAN PARTS B AND C

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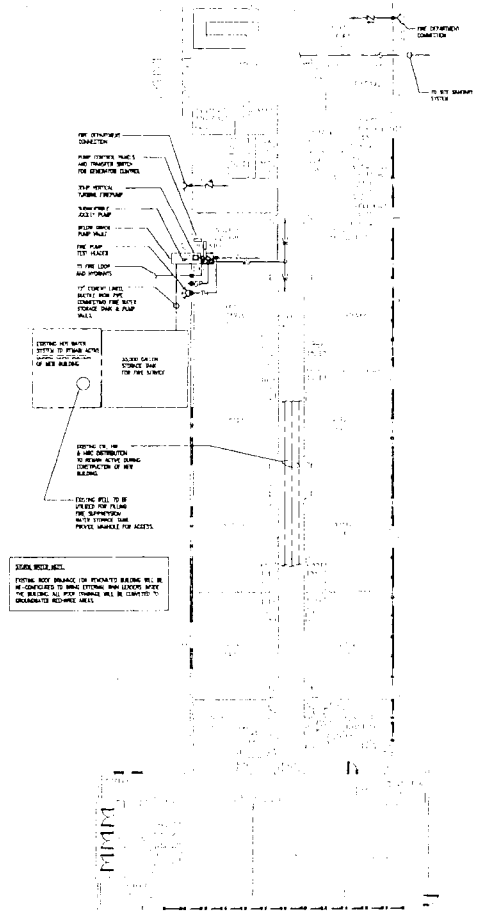
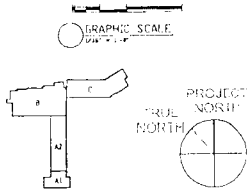
SECOND FLOOR PLAN PARTS B AND C

A1.02BC





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Pompositticut / Center Elementary School

433 Great Road
Acton, MA 01775

PLUMBING / FIRE PROTECTION SD PART PLAN A

PF1.01A

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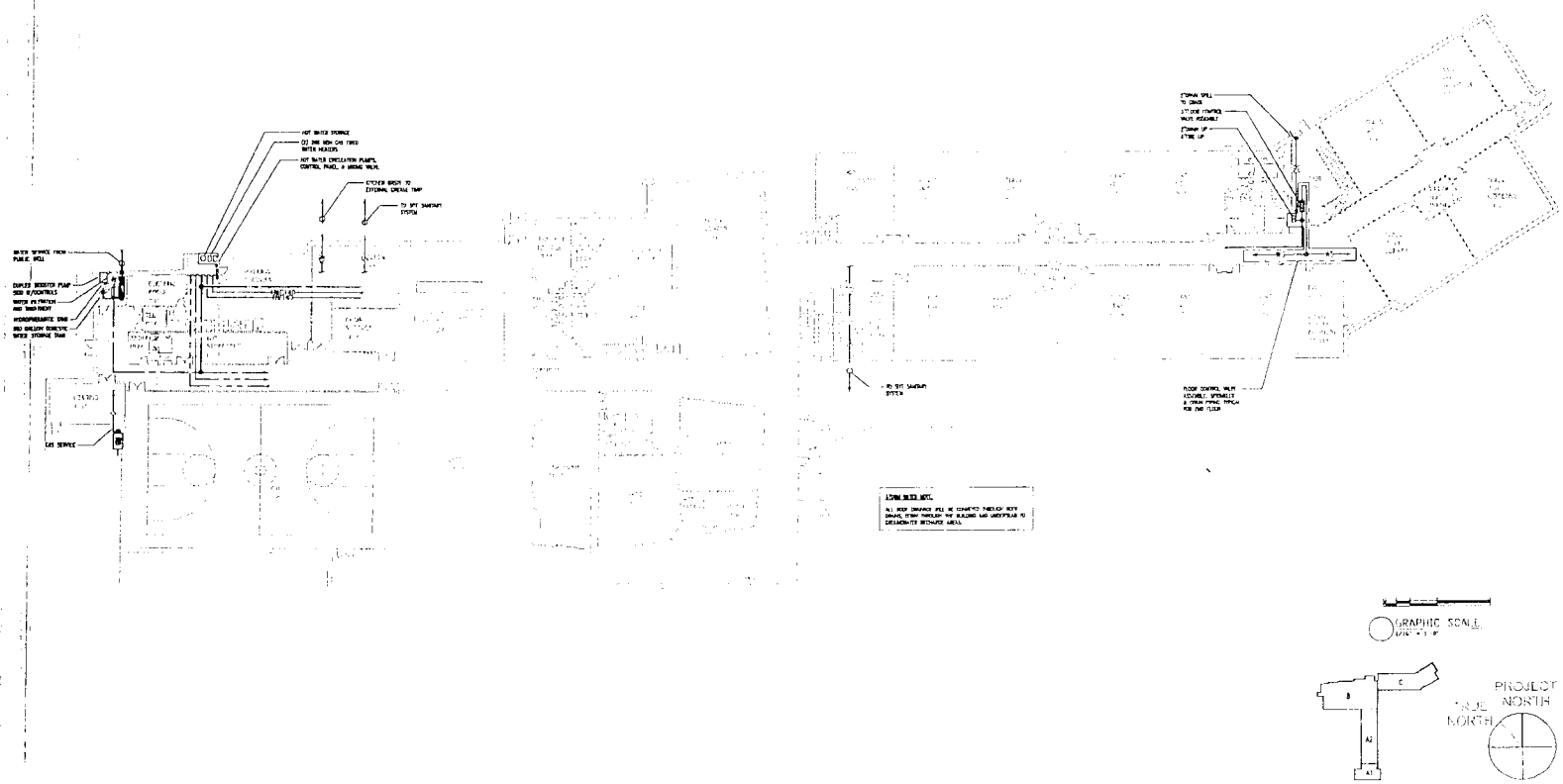

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1000 Massachusetts Avenue
Cambridge, Massachusetts 02138
617.547.5400 Fax 617.354.5700

OWNER REVIEW

NAME	Date

NO.	DATE	DESCRIPTION
1	9/1/09	95 SUBMITTAL

ISSUE LOG

△ 1 ISSUED FOR DISCUSSION

Pompositticut / Center Elementary School

403 Great Road
Stow, MA 01775

PLUMBING / FIRE PROTECTION SU
PART PLAN BC

SCALE: 1/4" = 1'-0"
DRAWN BY: [illegible]
CHECK BY:
PROJ. MGR.: [illegible]
PROJ. NO.: [illegible]
JOB NO.: [illegible]

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PF1.01BC

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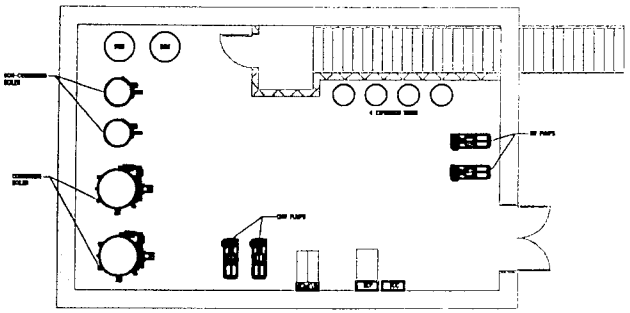
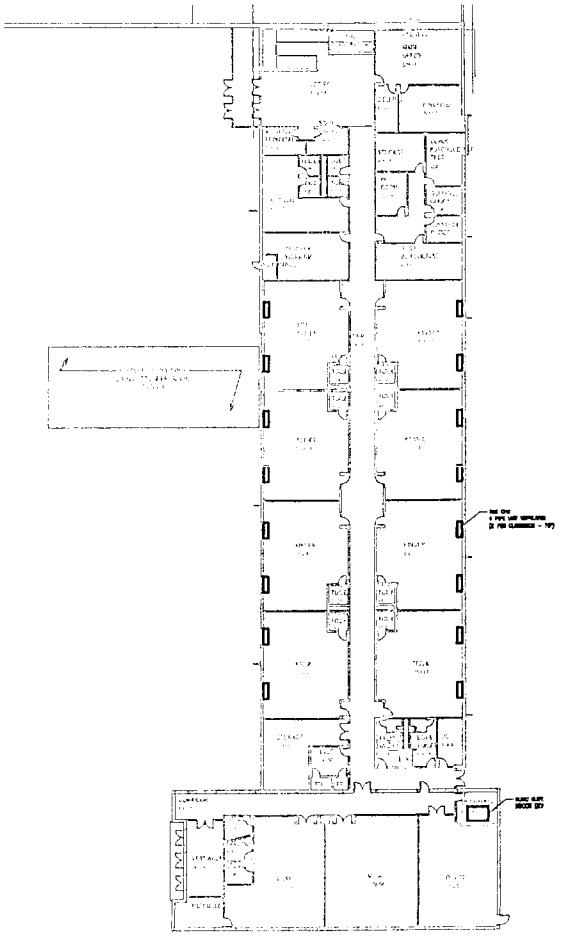
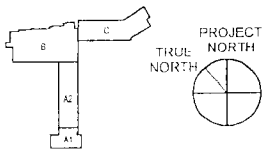


② MECHANICAL ROOM PART PLAN



① FIRST FLOOR PLAN – PART A1 & A2

GRAPHIC SCALE



SMMA

1000 Massachusetts Avenue
Cambridge, Massachusetts 02138
617.547.5400 Fax 617.547.5158

OWNER REVIEW

NAME	Date

No.	Date	Description

Pomposettucut / Center Elementary School

403 Canal Road
Scituate, MA 01775

MECHANICAL SCHEMATIC PLAN

SCALE	AS SHOWN
DRAWN BY	
CHECKED BY	
PROJECT NO.	
FILE NO.	
JOB NO.	

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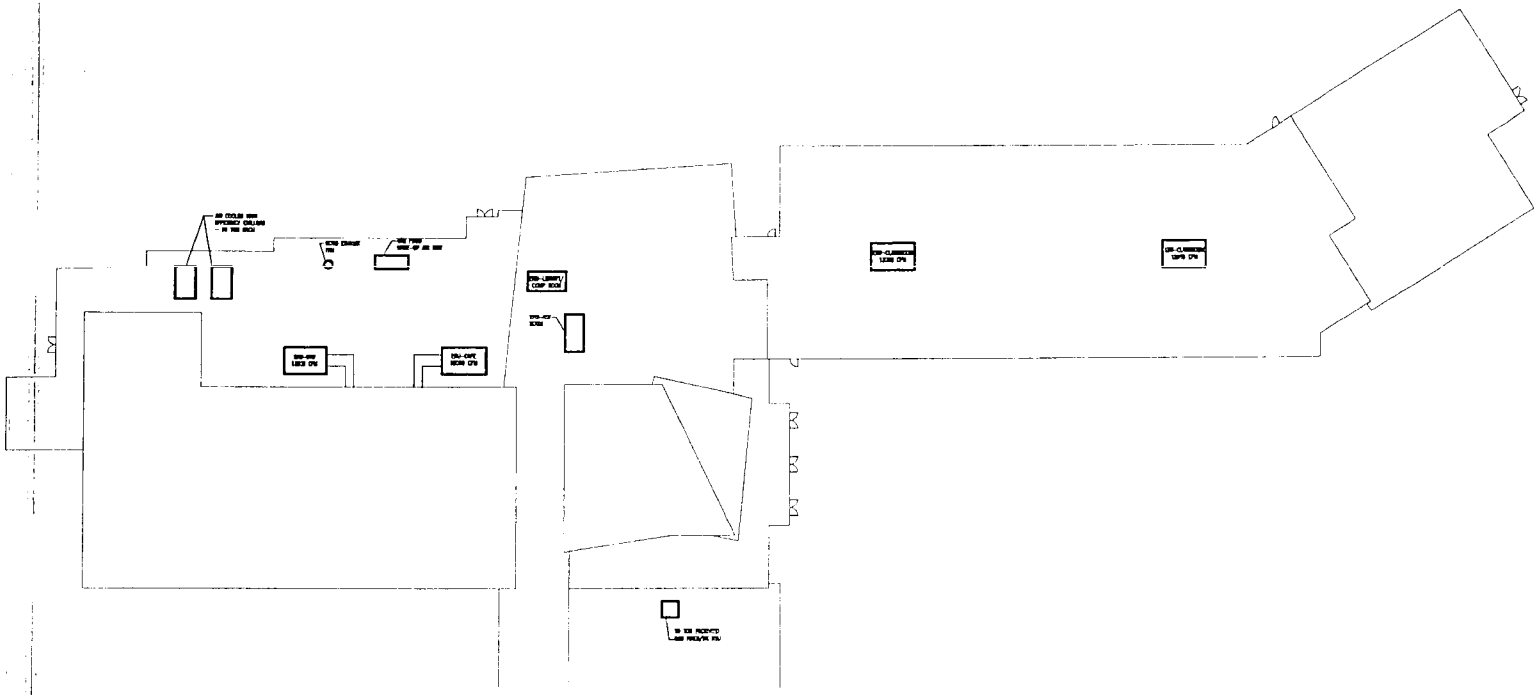
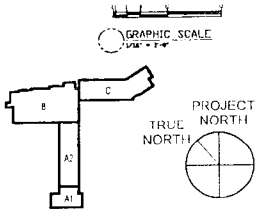
M1.01



1 ROOF PLAN – PART B & C



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1000 Massachusetts Avenue
Cambridge, Massachusetts 02138
617.547.5400 Fax 617.354.5158

OWNER REVIEW

NAME	DATE

NO.	DATE	DESCRIPTION

PROJECT NO.

Pomposittcut / Center Elementary School

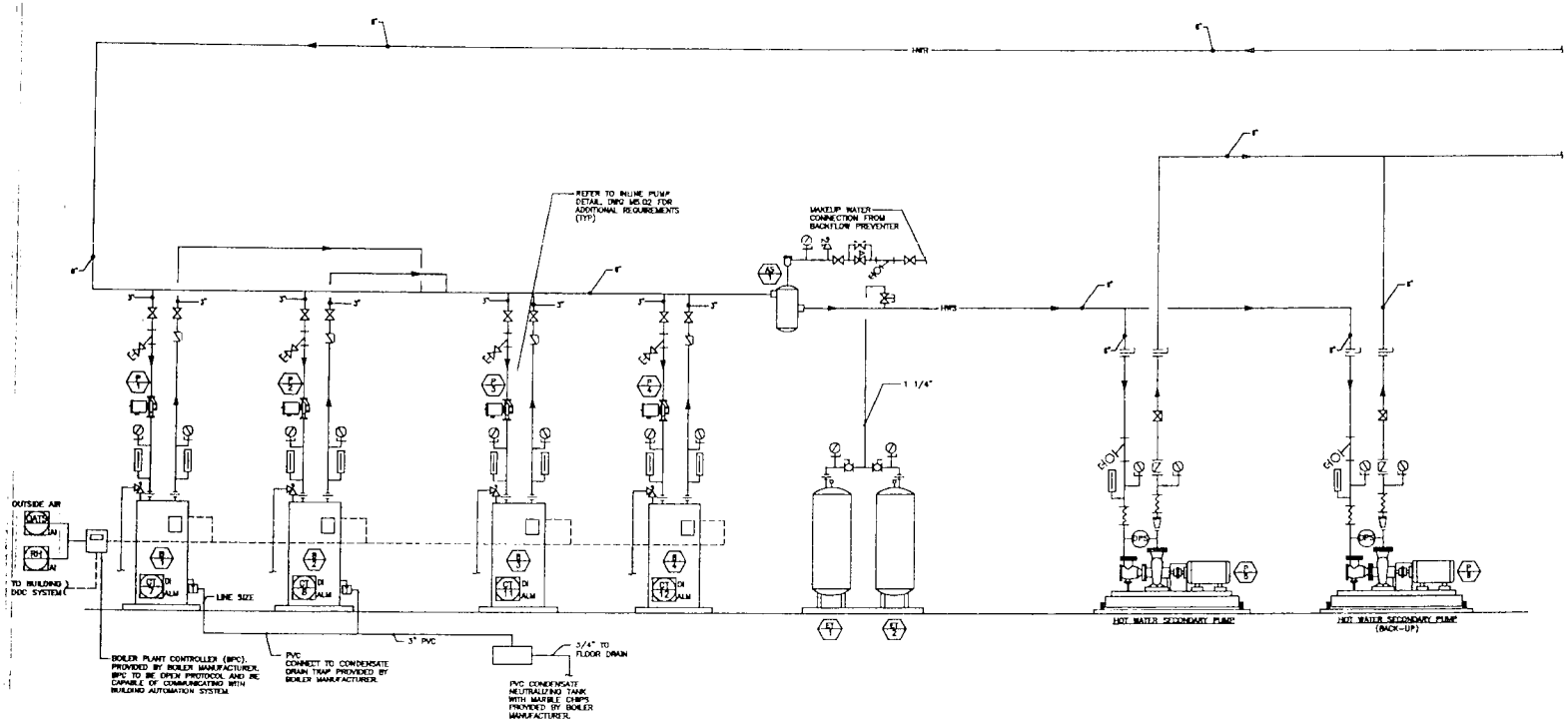
473 Great Road
Stow, MA 01775

MECHANICAL SCHEMATIC PLAN

SCALE	AS INDICATED
DRAWN BY	[illegible]
CHECKED BY	
PROJECT MANAGER	[illegible]
PROJ. NO.	[illegible]
DATE	[illegible]

REVISED SUBMITTAL FOR REVIEW: [illegible]

M1.02



HOT WATER SYSTEM

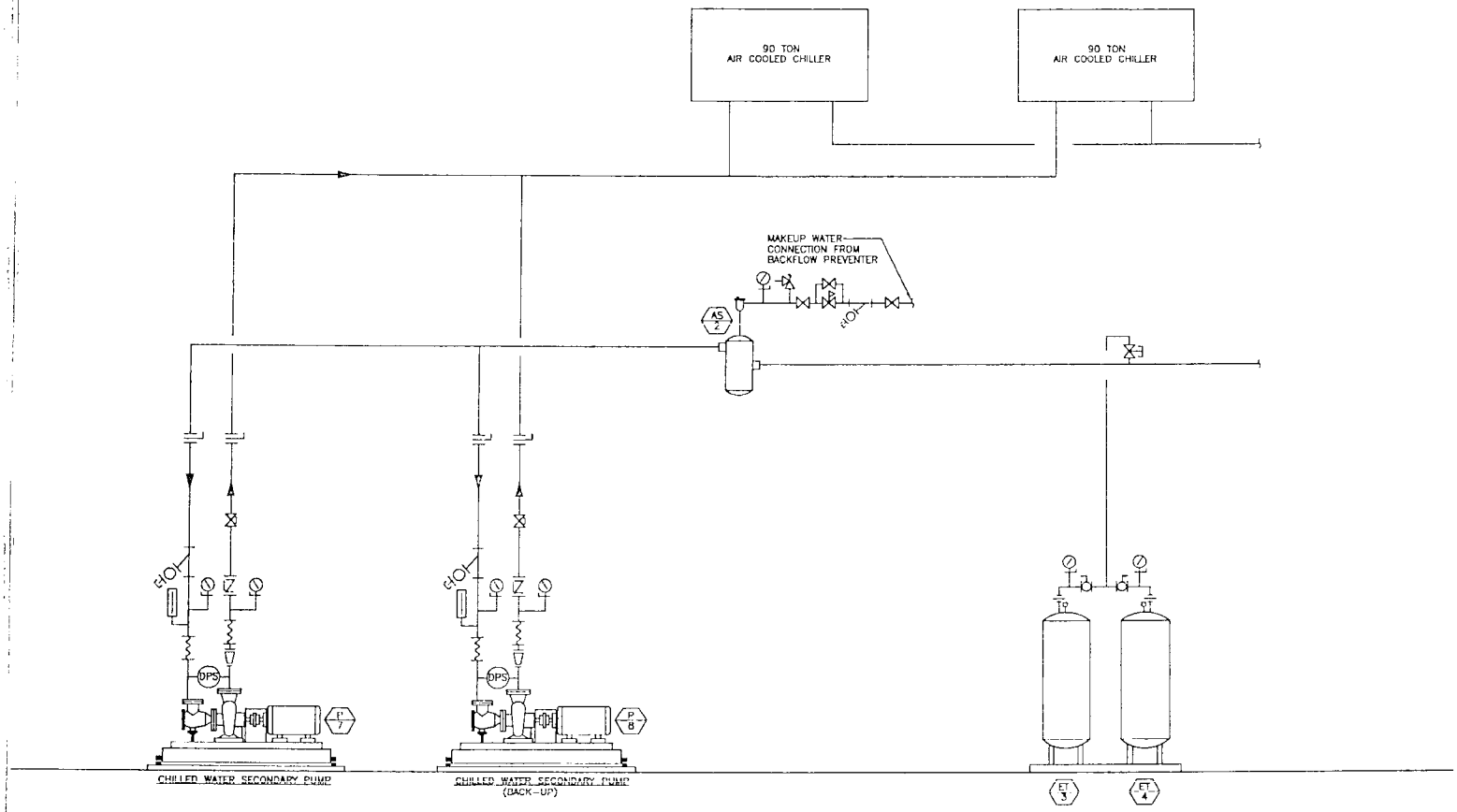
SMMA
STEARNS MYHRE & MCCARTHY ASSOCIATES
1000 Massachusetts Avenue
Cambridge, Massachusetts 02138
617.547.1170 Fax 617.354.5118

Pemposhticut / Center Elementary School

403 Great Road
Acton, MA 01721

HVAC CONTROL / FLOW DIAGRAMS

M3.01



CHILLED WATER SYSTEM

SMMA
1000 Massachusetts Avenue
Cambridge, Massachusetts 02138
617.523.5700 Fax 617.354.2714

Pompositticut / Center
Elementary School

401 Great Road
Stow, MA 01775

HVAC CONTROL/
FLOW DIAGRAMS

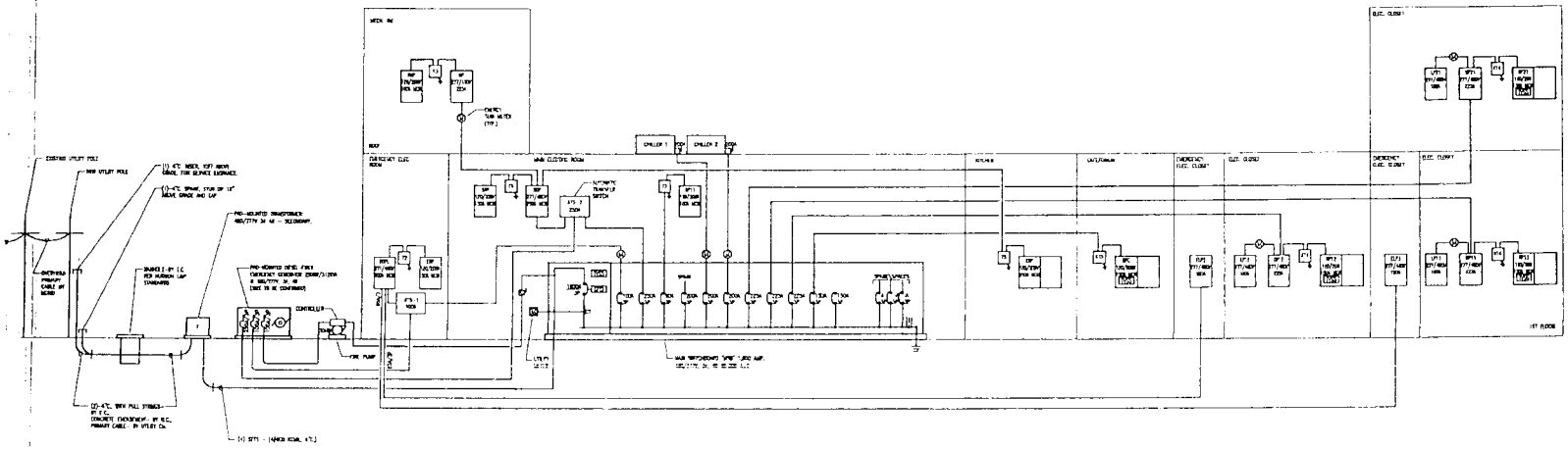
M3.02

"K" FACTOR DRY TYPE TRANSFORMER SCHEDULE

NAME	KVA	NOM VOLT / OVERCURRENT	SUB VOLT / OVERCURRENT	NEW FEEDER	120/208V FEEDER	GROUNDING (5)
ET1	9	30A, 3P	30A, 3P	4#10 & 1#10G - 3/4"C	[illegible] - 3/4"C	1#8 - 3/4"C
ET2	15	50A, 3P	50A, 3P	4#6 & 1#10G - 3/4"C	3#4, 1#4 NEUTRAL & 1#10G - 1"C	1#8 - 3/4"C
ET3	30	90A, 3P	125A, 3P	4#4 & 1#10G - 1"C	4#2, 1#2 NEUTRAL & 1#6G - 1 1/2"C	1#6 - 3/4"C
ET4	45	150A, 3P	150A, 3P	4#4 & 1#6G - 1 1/2"C	3#1/0, 1#1/0 NEUTRAL & 1#6G - 2"C	1#6 - 3/4"C
ET5	75	150A, 3P	250A, 3P	4#1/0 & 1#6G - 1 1/2"C	3-250mcm, 1-250mcm NEUTRAL & 1#6G - 3"C	1#3 - 3/4"C

DRY TYPE TRANSFORMER SCHEDULE

ID	KVA	NOM VOLT / OVERCURRENT	SUB VOLT / OVERCURRENT	NEW FEEDER	120/208V FEEDER	GROUNDING (5)
T1	9	30A, 3P	30A, 3P	4#10 & 1#10G - 3/4"C	4#10 & 1#10G - 3/4"C	1#8 - 3/4"C
T2	15	50A, 3P	50A, 3P	4#10 & 1#10G - 3/4"C	4#6 & 1#10G - 1"C	1#8 - 3/4"C
T3	30	90A, 3P	125A, 3P	4#4 & 1#10G - 1"C	4#3 & 1#8G - 1 1/2"C	1#6 - 3/4"C
T4	45	150A, 3P	175A, 3P	4#4 & 1#6G - 1 1/2"C	4#1/0 & 1#6G - 2"C	1#6 - 3/4"C
T5	75	150A, 3P	250A, 3P	4#1/0 & 1#6G - 1 1/2"C	4-250mcm & 1#6G - 2"C	1#3 - 3/4"C



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1000 Massachusetts Avenue
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OWNER REVIEW
NAME Date

1/7/20 B SANDER
NO. DATE DESCRIPTION
ISSUE LIST
1 ISSUED FOR CONSTRUCTION

Pomposittlcut / Center Elementary School

403 Great Road
Acton, MA 01775

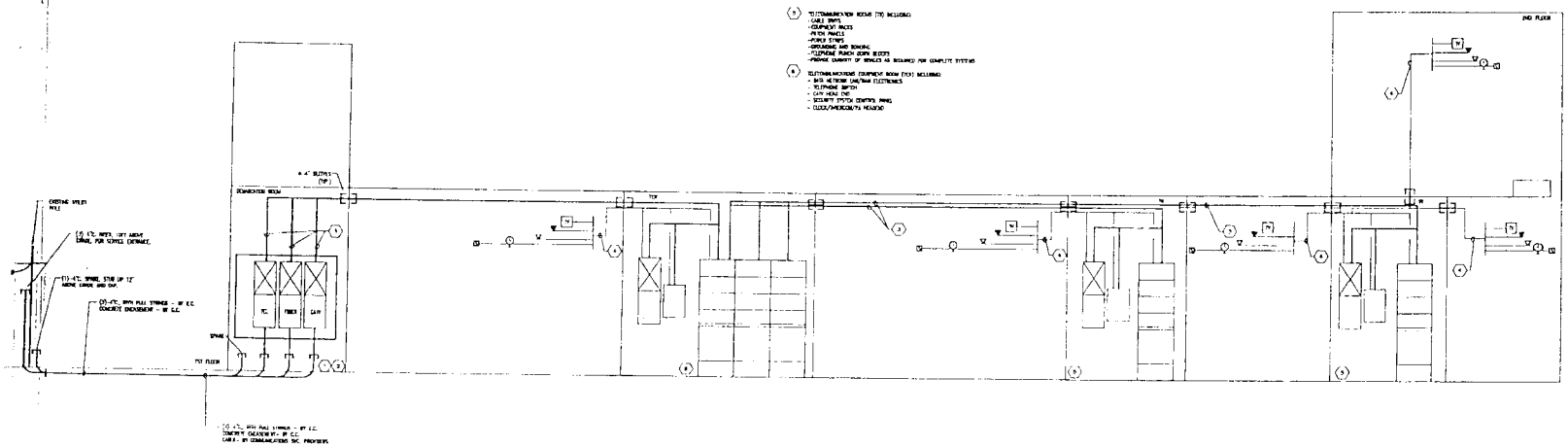
POWER ONE-LINE DIAGRAM

SCALE NTS
DRAWN BY BCA
CHECKED BY
PROJECT DIR. NAME RG
PROJ. MGR. LW
JOB NO. 2019.0175
DISTRICT NO. 1 AREA 1 SCHOOL NO. 004

E1.00

NOTES:

1. COMMUNICATIONS DISTRIBUTION ROOM
2. INTERNAL DEVICES
   - TELEPHONE
   - CATV
   - DATA BRIA
3. INTERNAL INFRASTRUCTURE
   - MULTIPAIR COPPER FOR VOICE (PAIR COUNT AS REQUIRED) FOR EACH WORK OUTLET PLUS FOR SPARE
   - 12 STRAND MULTIMODE FIBER
   - 1/2" HARDLINE COAXIAL CABLE (CATV)
   - CLOCK/INTERCOM/PA FROM MDF TO IDF LOCATIONS (NOT REQUIRED FROM DISTRIBUTION ROOM)
4. TYPICAL HORIZONTAL CABLING FROM EACH IDF/MDF TO DISTRIBUTED DEVICES
5. [illegible]
6. TELEPHONE/JACK
7. CATV/COAXIAL
8. CLOCK
9. SPEAKER
10. TELECOMMUNICATION ROOMS (TR) INCLUDING
    - CABLE TRAYS
    - EQUIPMENT RACKS
    - PATCH PANELS
    - POWER STRIPS
    - GROUNDING AND BONDING
    - TELEPHONE PUNCH DOWN BLOCKS
    - PROVIDE QUANTITY OF DEVICES AS REQUIRED FOR COMPLETE SYSTEMS
11. TELECOMMUNICATIONS EQUIPMENT ROOM (TER) INCLUDING
    - DATA NETWORK (ANALOG) ELECTRONICS
    - TELEPHONE SWITCH
    - CATV HEAD END
    - SECURITY SYSTEM CONTROL PANEL
    - CLOCK/INTERCOM/PA HEADEND



COMMUNICATIONS RISER DIAGRAM

SMMA

1990 Massachusetts Avenue
Cambridge, Massachusetts 02138
617.547.5400 Fax 617.354.5356

Pompositticut / Center Elementary School

403 Great Road
Stow, MA 01775

COMMUNICATIONS ONE-LINE DIAGRAM

E2.00