8.3 ROOM DATA SHFFTS

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: YE

Cable TV Outlet: 1 per room

NASHOBA - POMPO / CENTER ELEMENTARY SCHOOL SCHEMATIC DESIGN REPORT

SMMA

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-

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: YE

Cable TV Outlet: 1 per room

NASHOBA – POMPO / CENTER ELEMENTARY SCHOOL SCHEMATIC DESIGN REPORT

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Music Classroom

Functional Criteria

Area: 1,225 SF; 1,375 SF

Quantity: 2

Room Surfaces

Floor: Resilient flooring

Walls: Painted gypsum wailboard

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

A/V fire alarm and sprinkler (per NFPA code). Fire Protection:

Lighting: Suspended fluorescent direct / indirect light; accent lighting at teaching

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

NASHOBA - POMPO / CENTER ELEMENTARY SCHOOL SCHEMATIC DESIGN REPORT

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

Exposed structure, Acoustical deck Ceiling:

Acoustical: Tectum panels on walls

Doors: Wood

Interior Windows:

Building Services

Mechanical: Heating and Ventilation Rooftop Unit, radiant heating along wall under

windows at exterior walls

Drinking fountain, outside gymnasium Plumbing: Fire Protection: A/V fire alarm and sprinklers (per NFPA code)

HID or Hi-Bay fluorescent Lighting:

Electrical: Duplex wall outlets

Furnishings, Fixtures & Equipment

Marker Board: None Tack Board: None Casework:

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

NASHOBA - POMPO / CENTER ELEMENTARY SCHOOL SCHEMATIC DESIGN REPORT

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8/7

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 r

ector/Screen: Ceiling mounted projection screen, ceiling mounted projector

Smart Board: YES

Cable TV Outlet: 1 per room

NASHOBA - POMPO / CENTER ELEMENTARY SCHOOL SCHEMATIC DESIGN REPORT

SMEA

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:

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 Ceiling mounted projection screen

TV Monitor/Projector/Screen: Smart Board: None

Cable TV Outlet: 2 per room

NASHOBA - POMPO / CENTER ELEMENTARY SCHOOL SCHEMATIC DESIGN REPORT

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 Fand 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

NASHOBA - POMPO / CENTER ELEMENTARY SCHOOL SCHEMATIC DESIGN REPORT

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8/10

SCHEMATIC DESIGN DOCUMENTATION

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:

Room Surfaces

Floor: Resilient flooring

Painted gypsum wallboard Walls:

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) Recessed fluorescent with parabolic lens Lighting:

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

NASHOBA - POMPO / CENTER ELEMENTARY SCHOOL SCHEMATIC DESIGN REPORT

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 wailboard

Wainscot/Paneling: None

Ceiling: Acoustical ceil ng 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)

Recessed fluorescent (indirect type) Lighting:

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

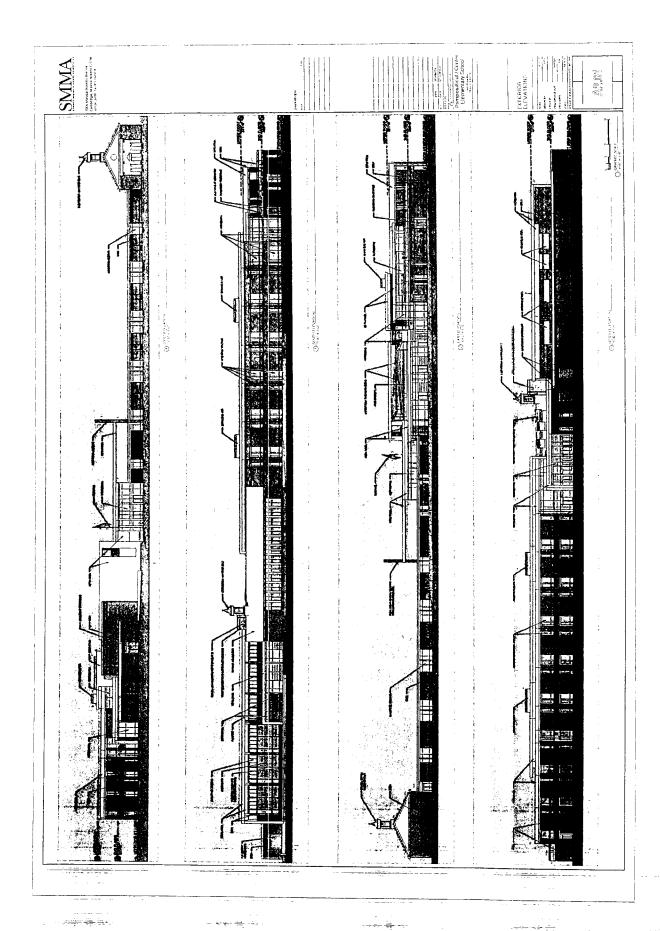
Telephone: 1 per room, multiple in General Office

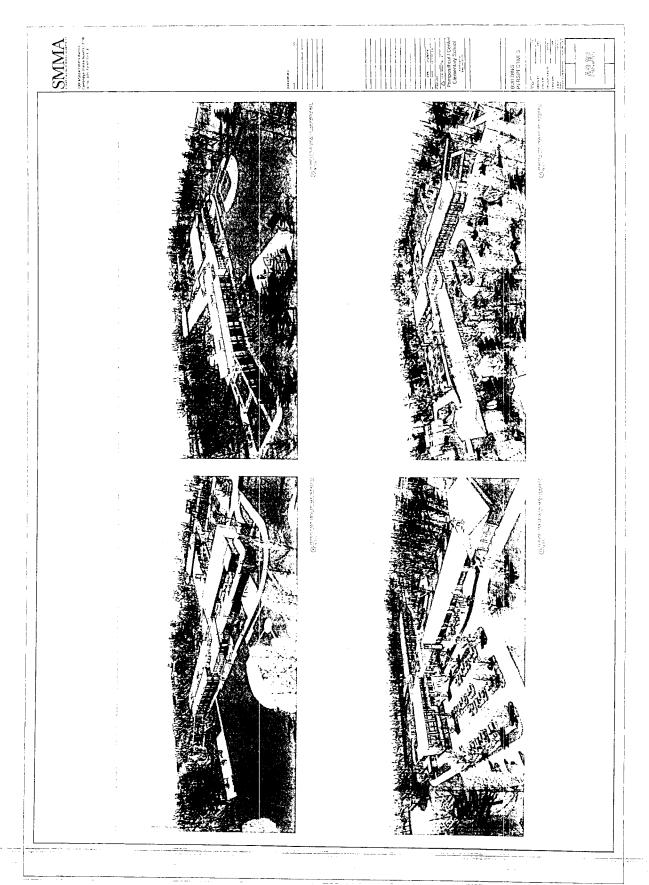
Clock: 1 per room

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

NASHOBA - POMPO / CENTER ELEMENTARY SCHOOL SCHEMATIC DESIGN REPORT



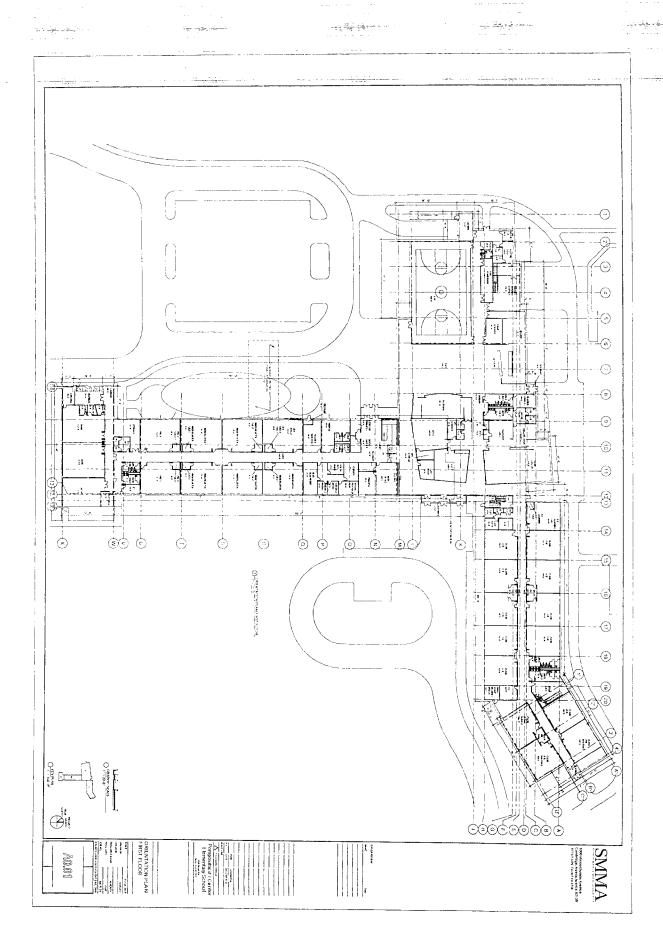


Massachusetts Collaborative for High Performance Schools (MA-CHPS)

WA-CHIS SCORECARD

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

39		Tota	I Project Score				Tot	al Possible Points	89	
10	Proji	ns.	SIFE Preside forms it	16	Pojn	ı is	(6 §)	Pasalae Politic	27.2	
	-	SP 1	Joint Use of Facilities			IEQP 1	ASHRAE Standard 62.1			
		SP 2	Joint Use of Parks			IEQP 2	SMACNA IAQ Guideline			
1	:	SC 1.1	Sustainable Site Selection			IEQP 3		Construction IAQ, Duct Protection		
1	1	SC 12	No Development on Floodplains		_	IEQP 4	Pollutant Source Control, Off-gassing			
	1	SC 13	No Development Near Wetlands			IEQP 5	Walk-Off Mats			
2	1-2	SC 14	No Development on Greenfields			IEQP 6	Drainage			
	1	SC 15	Centrally Located Site/Smart Growth			IEQP 7	Irrigation Design			
1	1	SC 1.6	Reduced Building Footprint			IEQP 8	Mold Protection			
1	1	SC 1 7	Sustainable Site and Building Layout			IEQP 9	Electric Ignitions, Gas-Fi	ired Equipment		
	1	SC 2 1	Locate Near Public Transit		_	IEQP 10		rea Equipment		
1	1	SC 2 2	Pedestrian/Bike Access			IEQP 11				
	1	SC 2.3	Minimize Parking		arara.	IEQP 12		ning Equipment Indeed		
	1	SC 3	Post-Construction Stormwater Management			IEQP 13				
	1	SC 4 1	Design to Reduce Heat Islands, Non-Roof		_	IEQP 14	1			
. 1	. 1	SC 4.2	Design to Reduce Heat Islands, Root		***	IEQP 15		004 Compliance		
2	2	SC 5	Exterior Light Pollution Reduction	2	2					
			5 · · · · · · · · · · · · · · · · · · ·	2	1-4	IEQC 1.	•			
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	<u> </u>	WP 1	Indoor Water Use Reduction, 20% Reduction	1	1	IEQC 2				
1		WC 1 1	Indoor Water Use Reduction, 30% Reduction	1	1	IEQC 21	· · · · · · · · · · · · · · · · ·			
	1	WC 12	Reduce Water Used for Sewage Conveyance	1		:EQC 2:				
1	1	WC 2 1	No Permanent Irrigation For Landscaping	2	2	IEQC 2				
1		WC 2 2	Water Reduction and Sports Turf Management	1	1	IEQC 2 5				
	1	WC 23	Irrigation System Commissioning	1		IEQC 3				
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		EP 1	Elimination of CFC-based Refrigerants	4	1	IEQC 3.4	J			
		EP 2	Commissioning	1	1	IEQC 4 1	may an ejeten	ns, Operable Windows		
		EP 3	Fundamental Building Systems, Training		1	IEQC 4 2	Controllability of System	ns, Temperature/Light Contro	>¦	
		EP 4	Exceed Energy Code by 20%, Prescriptive Approach	2	 Б\-:\-:		AND THE COLD THE CATHER TO STATE OF		·	
		EP 4	Exceed Energy Code by 20%, Performance Approach	3	ित्राना		हुक्षित्र है जिन्नुस्कृतक प्रदेश	Street alignment		
1	1-2	EC 1	Superior Energy Performance, Prescriptive Approach			P&OP 1	Maintenance Plan			
	1-10	EC 1	Superior Energy Performance, Performance Approach			P&OP 2	Anti-Idling Measures			
	2	EC 2	Minimize Air Conditioning	1	1	P&00 1	Maintenance Plan, CMMS			
	2-11	EC 3	Renewable Energy	1	1	P&OC 2	Indoor Environmental Ma	anagement Plan		
1	1	EC 4.1	Energy Management Systems	1	1	P&OC 3	Energy Star Equipment F	Performance		
1		EC 4.2	Submetering		1	P&OC 4	1 Clean Energy, 50%			
		204.2	Submetering		1	P&OC 4	2 Clean Energy, 100%			
4	Point		DAARFEDALS	Total Control		P&OC 5	Innovation			
			MATERIALS Substitute 13:				nt for all schools			
		MP 1	Storage & Collection of Recyclables	F	Requ	uiremer	nt for green schools only			
nammi.	-	MP 2	Site Waste Management, 75% Diversion							
2 :	1-4	MC 1 MC 2 1	Site Waste Management, 90% Diversion							
	4		Building Reuse, Maintain 50-95% of Existing Shell	Point						
2	4 7	MC 2.2	Building Reuse, Maintain 50% Interior	30 poi	nts -	- 1.5%	Financing of Maximum	Allowable Cost	1	
-	1-7	MC 3	Combined Materials Attributes	34 poir	nts -	- 2.0%	Financing of Maximum	Allowable Cost	ł	

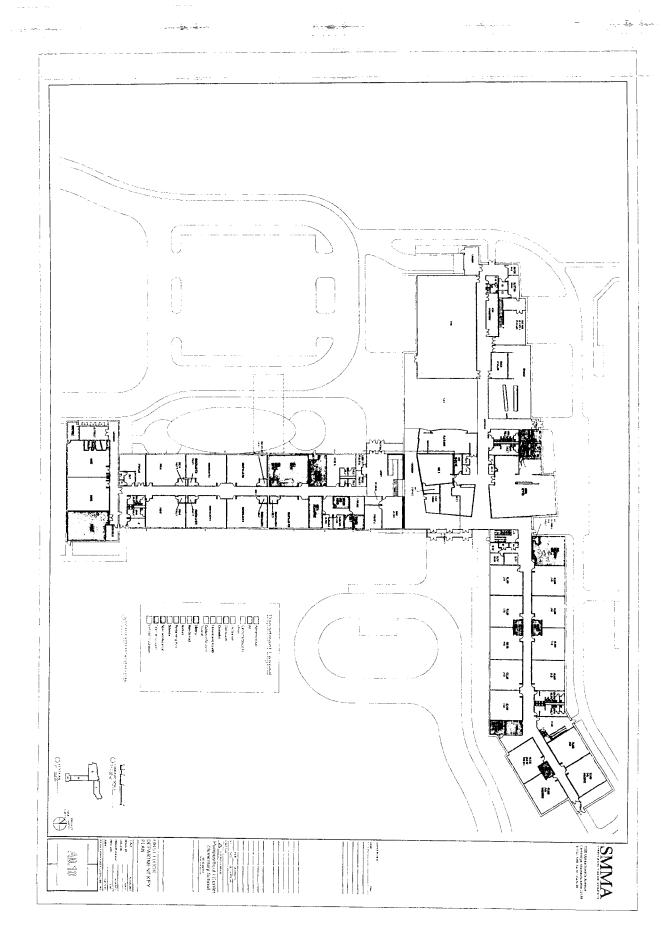


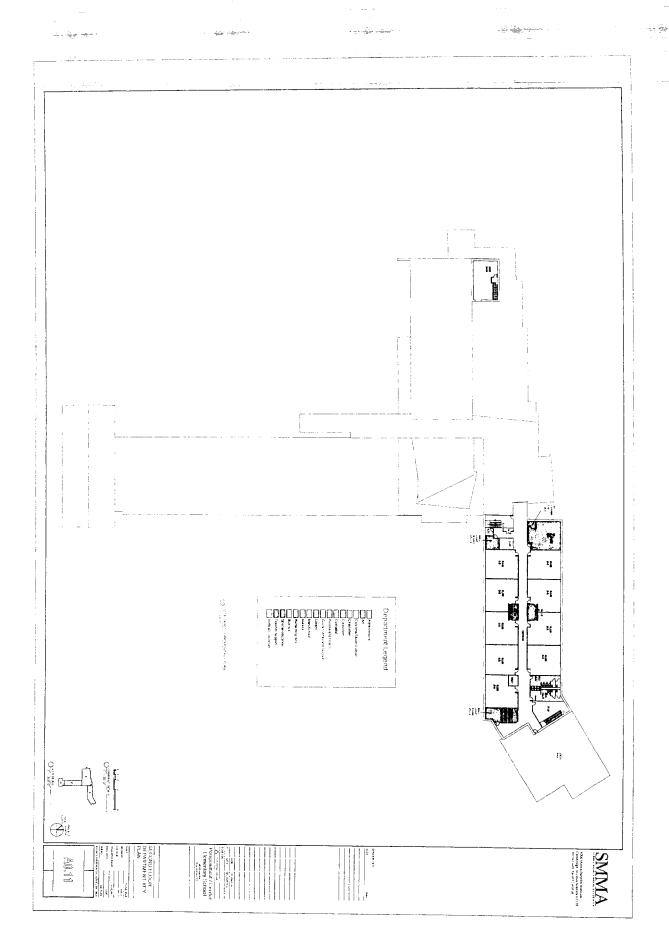
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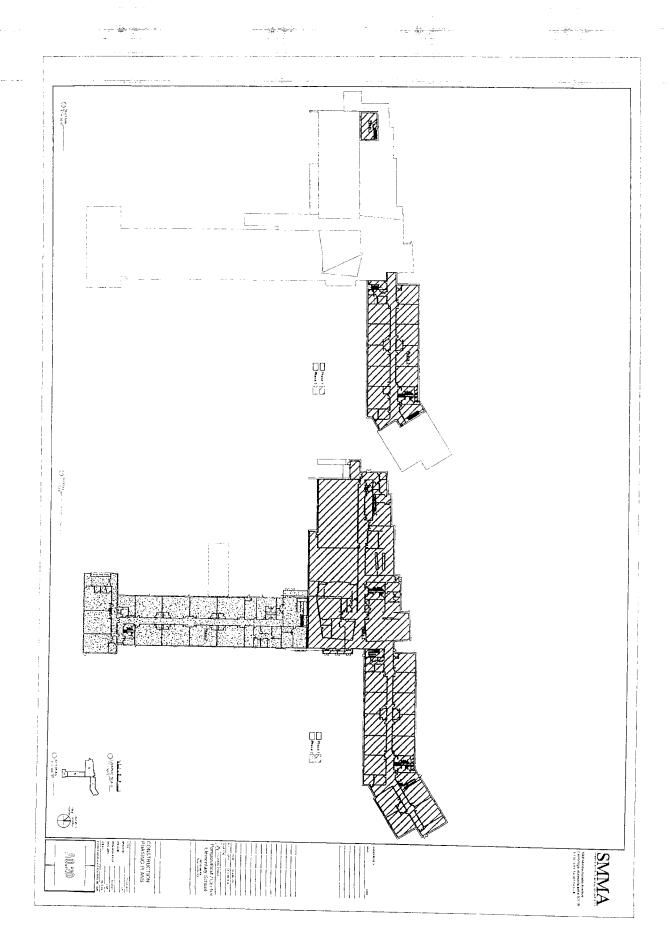
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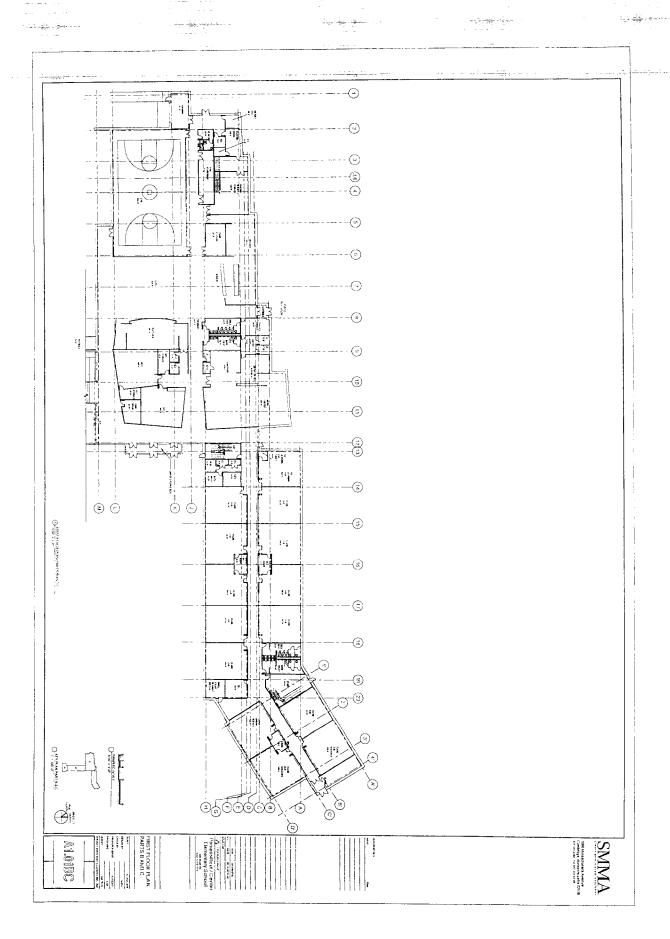


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