

COMMONWEALTH OF MASSACHUSETTS
EXECUTIVE OFFICE OF ENVIRONMENTAL AFFAIRS

ENVIRONMENTAL ASSESSMENT FORM

Please read Environmental Assessment Form Manual
before filling out this form.

EOEA File No.

Enter Publication Date:

I. SUMMARY

ACTIVITY FINDING

Negative Assessment
Positive Assessment

☐ 0
Enter Code

ACTIVITY IDENTIFICATION

1. Submitting Agency - Executive Office: Education

Department: Education Bureau: School Building Assistance Bureau

Other: _____

2. Activity Identification:

F L E T C H E R E L E M S C H K - 8

3. Has this activity been filed with EOEA before? Yes ☒ No
If so, under what EOEA number? _____

4. Does this activity fall under jurisdiction of NEPA? Yes ☒ No
If so, under which federal agency? _____

Present status? _____

ACTIVITY DESCRIPTION SUMMARY

1. Town, County Region, etc.: Cambridge

☐ 0 ☐ 4 ☐ 9
Enter Code

2. Location within Town or Street Address (if applicable):

Elm Street

☐ 0 ☐ 8 ☐ 9

☐ ☐ ☐

3. Activity Type(s): Academic Elementary - (K-8)

4. Agency Involvement:

C H A P 6 4 5 o f 1 9 4 8 G R A N T

5. Estimated Commencement: 6 1 77
Month Day Year

6. Completion: 7 1 78
Month Day Year

7. Estimated Construction Cost: \$2,000,000.00

8. Estimated Operational Cost Per Year: _____

9. Summary of Proposal (narrative):

In order to equalize the educational opportunities for students attending the present Fletcher School (1903) with other city schools, it will be necessary to construct renovations and additions in order to update existing spaces and create those spaces needed for a full academic program. The project, however, will not increase the enrollment of the school, nor, as a neighborhood school, will it require that any students be bussed. The 30,000 square foot addition will house a new gymnasium, cafetorium, and other academic spaces such as Industrial Arts, Science, Music, Art, Home Ec. and Kindergarten. In addition, the project is one that is community inspired.

COPIES OF THIS ASSESSMENT MAY BE OBTAINED FROM:

Name: Coletti Brothers Inc. Telephone: 749-5325

Cost Per Copy: _____

Address: 10 Industrial Park Road, Hingham, Mass. 02043

II. ACTIVITY DESCRIPTION

A. Include an original 8½ x 11 section of a U.S.G.S. 7½ minute, 1:24,000 scale map with the activity or project area boundaries delineated. (Original U.S.G.S. sheet required for filing with Secretary only; copies may be supplied to others.) Include multiple maps if activity or project is larger than the area delineated on a U.S.G.S. 1:24,000 scale map. Include maps, diagrams or sketches at a larger scale if the features of the activity or project cannot be clearly shown at the 1:24,000 scale.

B. Give a brief description of the present use of the area or areas affected in 5. Indicate the number of acres affected that are:

1. Developed

	.	6	4
--	---	---	---

3. Wetland

--	--	--	--

2. Open Space

	.	3	2
--	---	---	---

4. Shoreline

--	--	--

5. Existing. See Page 10 for the required maps. The developed area is as the present time used as an Academic Elementary School, and the open space as indicated above is a small black topped area immediately adjacent to the school, and is classified as a community playground.

C. Give a brief description of the proposed activity, including all phases and characteristics, in 2.

1. Fill in the following dimensions, if applicable:

a. Total Activity Area (Acres):

		.	9	6
--	--	---	---	---

d. Number of Stories:

	4
--	---

b. Length in Miles:

--	--	--

e. Number of Parking Spaces:

			3	0
--	--	--	---	---

c. Number of Housing Units:

--	--	--	--

f. Vehicular Traffic Generated Per Day:

				2	3
--	--	--	--	---	---

2. At the present time, 20 cars arrive and depart from the school while school is in session. Since the enrollment will not be enlarged from the present 365 students, it is not planned to increase the faculty by more than 3 members. The increase in vehicular traffic therefore should not result in more than three cars for a total of 23, as stated in f. above.

D. Describe how your agency is involved in the activity in 4. Specify:

1. Permit or Program Type:

F	I	N	A	N	C	I	A	L		S	H	A	R	E		C	O	S	T
---	---	---	---	---	---	---	---	---	--	---	---	---	---	---	--	---	---	---	---

2. Pertinent Governing Statute(s) or Regulation(s):

C	H		6	4	5					o	f		4	8	
---	---	--	---	---	---	--	--	--	--	---	---	--	---	---	--

3. Other State Agencies Involved:

P	U	B	L	I	C		H	E	A	L	T	H			
---	---	---	---	---	---	--	---	---	---	---	---	---	--	--	--

4.
AIR POLLUTION
WATER POLLUTION
ENVIRONMENTAL AFFAIRS

III. ASSESSMENT OF POTENTIAL ENVIRONMENTAL IMPACT

Answer the following questions by placing an "X" in the appropriate YES/NO space; consider activity, construction, operational, as well as indirect impacts.

Indicate under "Explanation" why significant impact is considered likely or unlikely to result.

A. OPEN SPACE AND RECREATION

1. Might the activity affect the condition, use or access to any open space and/or recreation area?

If YES, specify area(s) and acreage(s) affected:

____ NO XX YES

(1) COMMUNITY PLAYGROUND

(2) _____

(3) _____

(4) _____

(5) _____

	.	3	2

Acreage

2

Duration

1	5

Severity

1	1	8

Enter Code

2. Explanation:

The school addition would be constructed in part on the open space shown next to the school in the accompanying site drawings. Although classified as a community playground it houses at present, only two 1/2 court blacktopped basketball areas, the use of which is limited by weather, season, daylight, and, of course, the noise generated by its use in a residential neighborhood. The new addition, with its Gymnasium and other community oriented spaces will offer the Community a more useful year round recreational facility with the advantages of adequate supervision. Again, the fact that this is a community inspired project must be stressed.

B. HISTORIC RESOURCES

1. Might any site or structure of historic significance be affected?

If YES, state level of historic significance:

XX NO ____ YES

☐ Significance

☐ Duration

☐ Severity

2. Might any known archaeologic site be affected by the activity?

If YES, specify duration and severity:

XX NO ____ YES

☐ Duration

☐ Severity

3. Might any known paleontologic site be affected by the activity?

If YES, specify duration and severity:

XX NO ____ YES

☐ Duration

☐ Severity

4. Explanation:

Two thirds of the site is already occupied with the existing school facilities, and has been since 1903. None of the above resources are known to exist at the site.

C. ECOLOGICAL EFFECTS

1. Might the activity affect any natural feature adjacent to or near the activity area?

If YES, specify natural features affected:

- (1) _____
 (2) _____
 (3) _____
 (4) _____
 (5) _____
 (6) _____

XX NO YES

Duration	Severity	Enter Code	

2. Might the activity affect wildlife or fisheries?

If YES, specify wildlife or fisheries affected:

- (1) _____
 (2) _____
 (3) _____
 (4) _____

XX NO YES

Duration	Severity	Enter Code	

If YES, specify whether any rare or endangered wildlife or fisheries species might be affected:

NO YES

3. Might the activity affect natural vegetation?

If YES, specify vegetation and acreage(s) affected:

- (1) _____
 (2) _____
 (3) _____
 (4) _____
 (5) _____
 (6) _____

Acreage

Duration	Severity	Enter Code	

If YES, specify whether any rare or endangered plant species might be affected:

XX NO YES

4. Explanation: The construction will affect none of the above natural features. The project, however, will provide for landscaping which will be an improvement over the treeless, grassless, blacktop pavement that now covers the site.

D. ENVIRONMENTAL HAZARDS

1. Might the activity involve the use, storage, release of, or disposal of potentially hazardous substances?

If YES, specify substance type and rate of usage:

- (1) _____
 (2) _____
 (3) _____

Usage Rate

XX NO YES

Duration	Severity	Enter Code	

2. Might the activity involve alteration of riverine floodplains, inland wetlands, or coastal wetlands?

If YES, specify duration and severity of impact:

XX NO YES

Duration	Severity

3. Might the activity involve construction or other action within geologically unstable areas?

XX NO YES

4. Explanation: Massachusetts Building Codes require that the new construction be designed to withstand seismic disturbances within the seismic zone in which the project is located.

E. RESOURCE CONSERVATION AND USE

1. Might the activity affect or eliminate land suitable for agricultural or timber production?

XX NO YES

If YES, specify present agricultural land use and respective acreage(s) affected:

- (1) _____
(2) _____
(3) _____

Acreage

Duration

Severity

Enter Code

2. Might the activity affect potential use or extraction of an indispensable or scarce mineral or energy resource?

XX NO YES

If YES, specify resource affected and approximate amount:

- (1) _____
(2) _____
(3) _____

Tons

Duration

Severity

Enter Code

3. Explanation: The project will provide that old and loose single glazed windows be replaced with double glazed insulating units. The work also includes the replacement of the existing antiquated heating plant. A brief explanation is given on Page 9 as to how this and other planned work will conserve energy.

F. WATER QUALITY AND QUANTITY

1. Might the activity affect the quantity of water resources, within, adjacent to, or near the activity area?

XX NO YES

If YES, specify water source affected and respective amount (gallons/day):

- (1) _____
(2) _____
(3) _____
(4) _____

Gallons/Day

Duration

Severity

Enter Code

2. Might the activity result in a deleterious effect on the quality of any water resource areas or watersheds?

XX NO YES

If YES, specify water resource that might be affected:

- (1) _____
(2) _____
(3) _____
(4) _____

Duration

Severity

Enter Code

If YES, specify possible substance causing effects:

- (1) _____
- (2) _____
- (3) _____
- (4) _____

Duration

Severity

Enter Code

3. Explanation:

G. AIR QUALITY

1. Might the activity affect the air quality in the project area, immediately adjacent areas, or the Air Quality Control Region?

_____ NO _____ XX YES

If YES, specify possible substances affecting air quality:

- (1) Dust raised during construction
- (2) Exhaust Fumes
- (3) Stack emission from Heating Boilers (See Page 9)
- (4) _____
- (5) _____
- (6) _____

1
3

Duration

2	6
1	6

Severity

7	0	6
7	0	3

Enter Code

If YES, specify whether any key receptors may be in the affected area:

- (1) Adjacent RESidences
- (2) School and above after construction
- (3) _____

Duration

Severity

Enter Code

2. Explanation: This being a school, the only air pollution will be of a minor nature during construction. Contract Documents will require that the Contractor provide dust control. After construction, although there will be a daily arrival and departure of faculty vehicles. The addition will increase the faculty by only 3 members. As a neighborhood school, there will be no bussing required.

H. NOISE

1. Might the activity result in the generation of noise?

_____ NO _____ XX YES

If YES, specify noise source:

- (1) Construction Activities
- (2) _____
- (3) _____

1

Duration

2	6

Severity

8	0	1

Enter Code

2. Explanation: The noise associated with building construction will be of a short duration. Soil conditions also do not indicate that noise generating procedures such as pile driving will be necessary. In the long term, however, the fact that the new construction will house indoor recreational facilities for the Community under proper supervision will eliminate the possibility that the present outdoor area would be a continuing source of night and weekend noise in a residential neighborhood.

I. AESTHETICS

1. Might the activity cause a change in the visual character in or near the activity area?

XX NO YES

If YES, specify natural and cultural features that may be changed:

- (1) _____
 (2) _____
 (3) _____
 (4) _____
 (5) _____
 (6) _____

Duration

Severity

Enter Code

2. Explanation: The project budget will provide funds for ample landscaping. Since the area is almost totally blacktopped, the project should be a source of community improvement.

J. PLANNING

1. Will the activity require a variance from or result in a potential violation of any statute ordinance, by law, regulation, or standard, the major purpose of which is to prevent or minimize damage to the environment?

XX NO YES

If YES, specify variances and/or statutes:

2. Will the activity require certification, authorization, review of plans, or issuance of a permit by any local, state or federal agency?

 NO XX YES

If YES, specify agency and action required:

Department of Education - School Building Assistance Bureau

Department of Public Health - Environmental Affairs

Air Pollution Local Building Permit

Water Pollution

3. Will the activity comply with all federal, state and local land use, transportation, open space, recreation and conservation plans?

 NO XX YES

If NO, state plan type and specific agency concerned:

- (1) _____
 (2) _____
 (3) _____
 (4) _____

Enter Code

4. Explanation:

No variances will be needed.

IV. FINDINGS AND CERTIFICATION

A. It has been determined that this project is not one which may cause significant damage to the environment (Negative Assessment).

B. It has been determined that this project may cause significant damage to the environment (Positive Assessment).

☒ XX

☐

1. The draft impact report will be submitted on or about: _____

2. The draft impact report will be:

Standard ☐

Extensive ☐

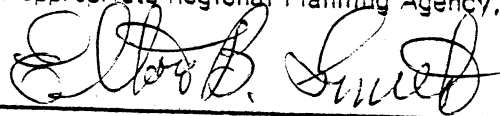
3. The draft impact report will be combined: ☐

4. The draft impact report will be joint in conjunction with: ☐

C. I hereby certify that this assessment has been or will be, if applicable regulations provide for subsequent circulation, duly circulated to the Attorney General, the appropriate Regional Planning Agency, and other review agencies as required by Appendix B.

July 6, 1976

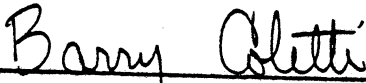
DATE



Signature of Responsible Officer

ELTON B. SMITH

(print or type) Name of Responsible Officer



Signature of Preparing Officer (if different from Responsible Officer)

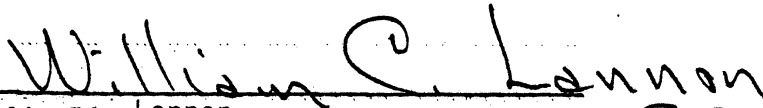
Barry Coletti, AIA
10 Industrial Park Road
Hingham, Mass. 02043

Address SCHOOL BUILDING ASSISTANCE BUREAU

DEPARTMENT OF EDUCATION

182 Tremont Street, Boston, Mass. 02111

Telephone Number 727-5780



William C. Lannon
Superintendent of Schools

RR

FLETCHER SCHOOL

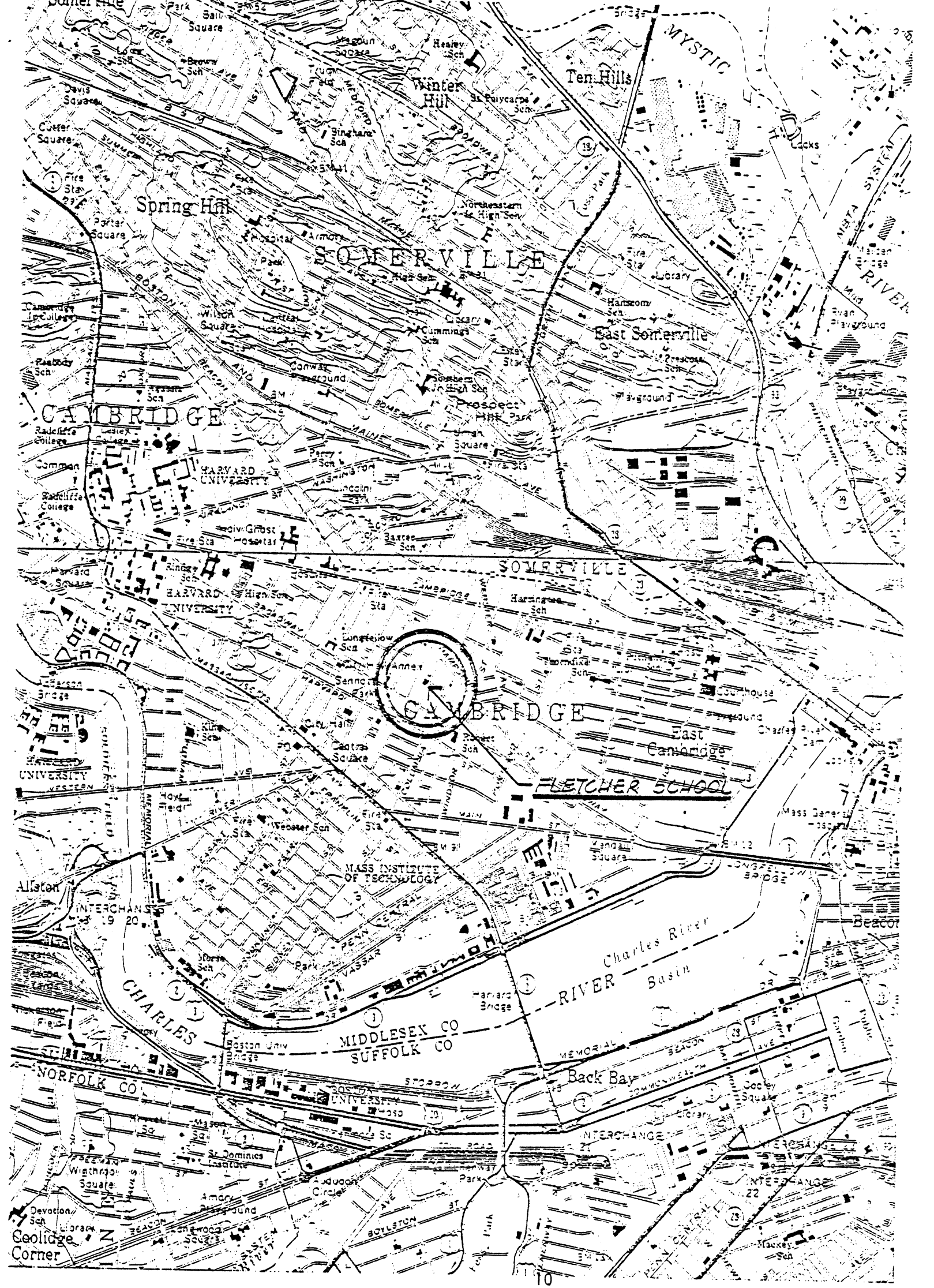
E. 3. Explanation:

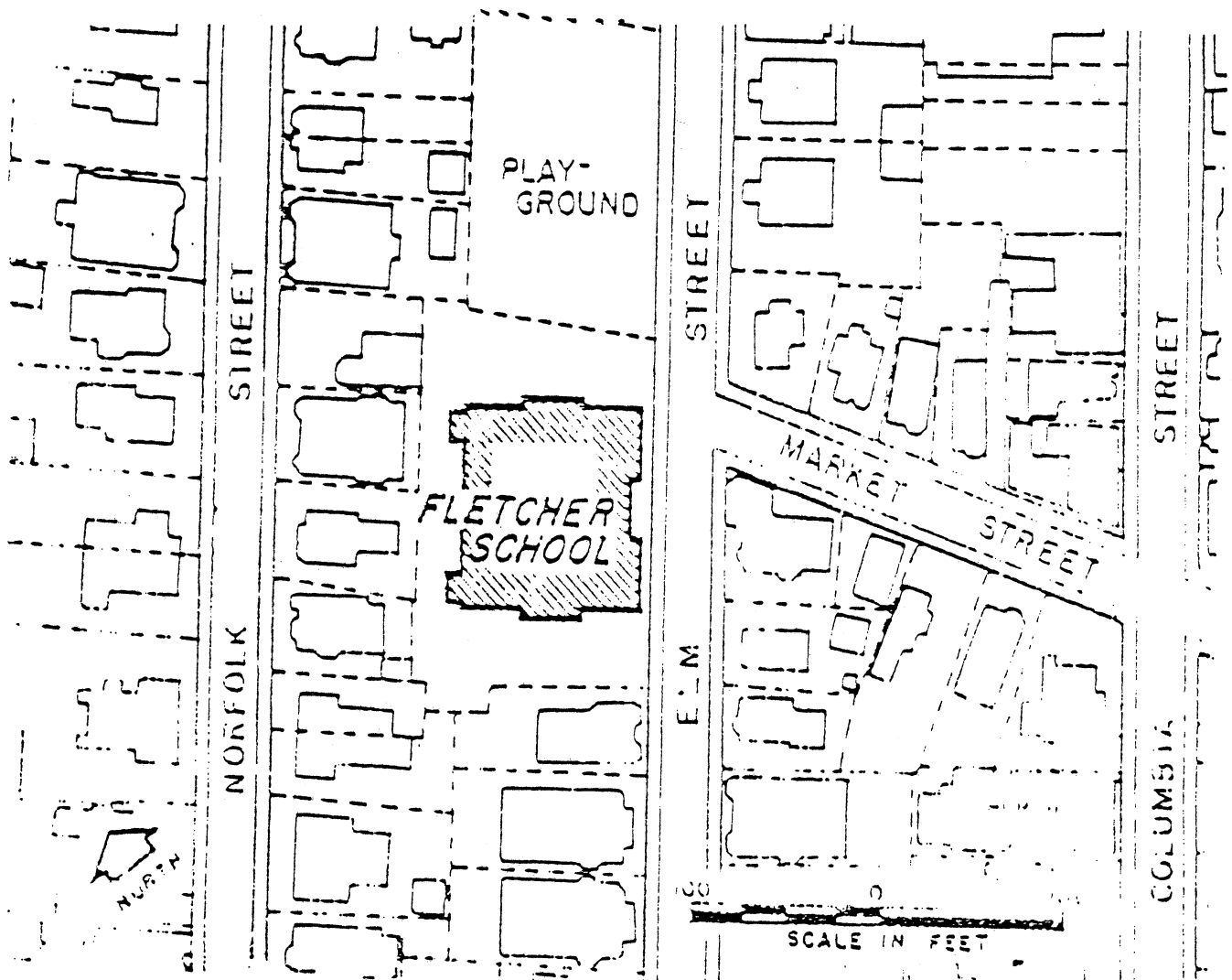
The new building will be designed with the assistance of a computer to minimize energy usage. A fully automatic central control console will regulate the use of all energy consuming equipment, and will control the usage of all spaces so that the provision of fuel or electricity to any unoccupied areas will be kept at a minimum.

All aspects of energy conservaiton technology will be included in the mechanical and electrical systems.

G.1. (3) Stack Emission from Heating Boilers.

- .2 Boiler plant will be designed in accordance with the regulations of the Bureau of Environmental Air Quality, so that there will be a minimal change, if any, to present air quality conditions.

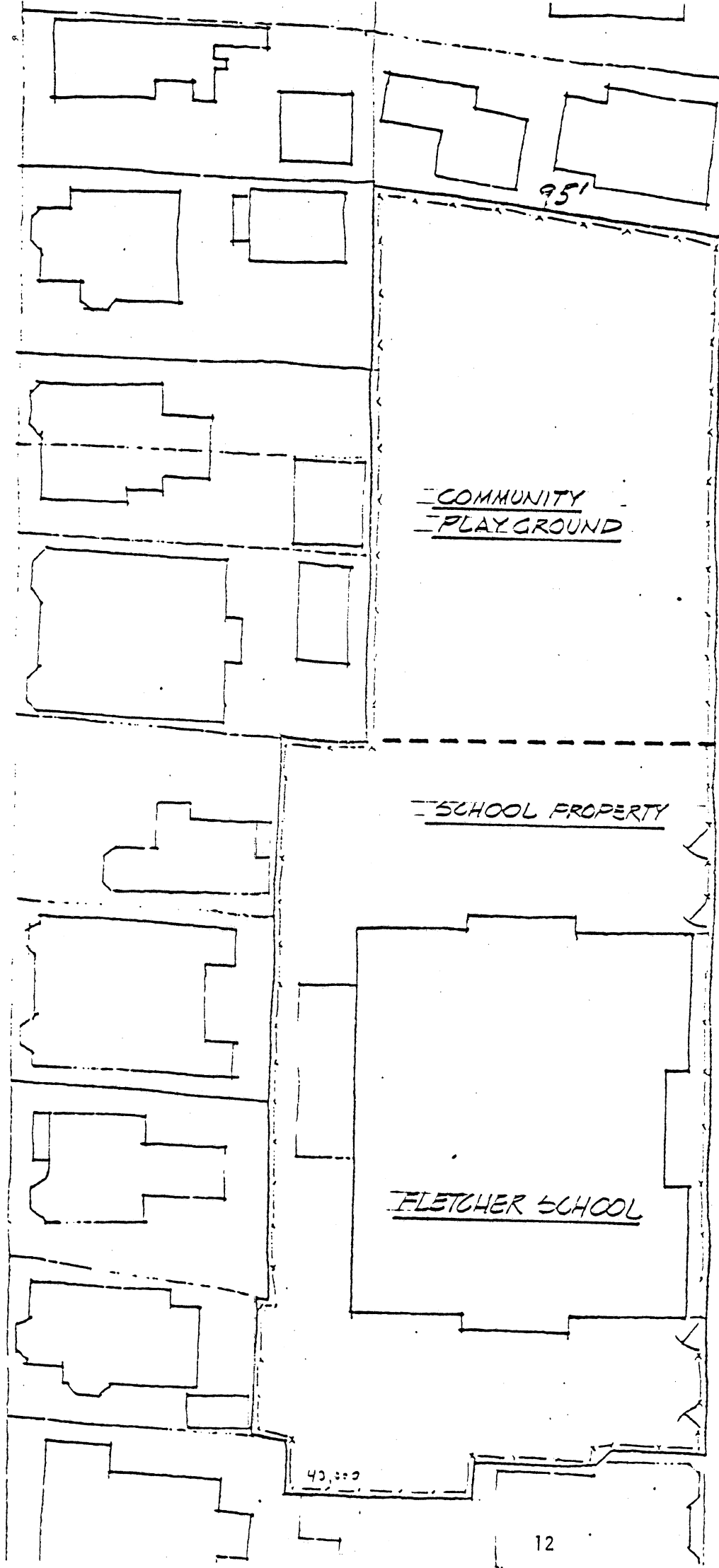




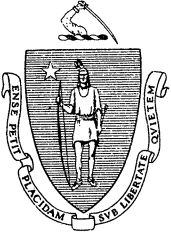
FLETCHER SCHOOL

Scale 1" = 40'-0"

Called North



DEPARTMENT OF EDUCATION
RECEIVED
JUL 7 1976
SCHOOL BUILDING ADMINISTRATION BUREAU



SBAB-1.24

The Commonwealth of Massachusetts
RECEIVED BY
OFFICE OF CITY CLERK
Department of Education
JUL 13 8 13 AM '76
School Building & Maintenance Bureau
182 Tremont Street, Boston 02111

July 8, 1976

City Clerk
City Hall
Cambridge, Massachusetts 02139

To Whom It May Concern:

Enclosed please find Environmental Assessment
Form(s) for the following school(s):

Fletcher Elementary School - Addition & Rehab.

This is to meet regulations of the Secretary
of Educational Affairs.

Very truly yours,

A handwritten signature in cursive script, reading "Elton B. Smith".

Elton B. Smith
Assistant Administrator
727-5780

Enclosures

Comm. from Elton B. Smith, Asst. Administrator
School Building Assistance Bureau, Boston,
forwarding Environmental Assessment forms in
connection with the Fletcher Elementary School

In City Council,

September 13, 1976

copy sent to CMR 9-16-76
9/13/76

Referred to the

City Manager.

letter sent to City
Mgr. 9/15/76 dl