

**ADDENDUM #2**

**RFP #21-SEH-010**

**Swimming Pool Assessment**

**TO: All Offerors**  
**FROM: Sara Harvey, Purchasing Agent**  
**DATE: December 4, 2020**

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This Addendum is issued to provide information to all prospective offerors.

1. **Question (Q):** Is it HCPS' intent to have this project be Architectural Prime or MEP Prime?

**Answer (A):** It is HCPS' intent to have a qualified firm complete the Swimming Pool Assessments. It can be either an Architectural Prime or MEP Prime.

2. **Question (Q):** If HCPS doesn't have a preference on Architectural vs. MEP Prime, can we submit both as a subconsultant to an Architect and as a Prime MEP Consultant?

**Answer (A):** Yes, offerors should propose based on what they believe best meets the requirements as outlined in the RFP.

3. **Question (Q):** Are existing construction drawings available and shared to us for review as part of the RFP process?

**Answer (A):** Yes, these are included in Addendum 2 Attachment C: Drawings and Pool Area Photos

4. **Question (Q):** According to the RFP, the Submittal Requirements are broken down into tabs, but there seems to be a gap in the tabs; Tabs 5-7 are missing. Is this an error, or are we to outline the Tabs as 1-4 and 8-11?

**Answer (A):**

This was an error in the original RFP document. Please label them as follows:

Tab 8 shall be replaced and labeled as Tab 5  
Tab 9 shall be replaced and labeled as Tab 6  
Tab 10 shall be replaced and labeled as Tab 7  
Tab 11 shall be replaced and labeled as Tab 9

5. **Question (Q):** I also noticed that there is an issue with the labeling of the Attachments. According to the Submittal Requirements, Tab 10 specifies attaching **Attachment H – Covid 19 Contingency Plan**, however the Covid-19 Contingency Plan is labeled as attachment J and Attachment H is Pricing.

If clarification of this can also be addressed that would be great.

**Answer (A):**

Delete: Page 18, Tab 10 “Attachment “H” COVID-19 Contingency Plan”  
Add: Page 18, Tab 10 “Attachment “J” COVID-19 Contingency Plan”

6. **Question (Q):** Would you consider lowering the errors and omissions/professional liability to \$2,000,000 per claim, instead of \$3,000,000 per claim?

**Answer (A):** Yes, for this project the omissions/professional liability has been reduced to \$2,000,000 per claim.

7. **Question (Q):**  
Page 27 2.7 Since this RFP is for a pool assessment, does this apply? And, if so, what exactly are requesting with Attachment J COVID Plan.

**Answer (A):** Offeror should include all their COVID policies and procedures including safety measures to ensure the safety of HCPS premises for staff, students, teachers, and offerors. This should include plans with students in the building and when students are not in the building.

8. **Question (Q):** Does the RFP for Swimming Pool Assessment require that the proposers’ full team be licensed in the State of MD?

**Answer (A):** No, however staff working directly on the project must be licensed in the State of MD.

9. **Question (Q):**  
18.5 *Exceptions to Draft Contract...* There is no Draft Contract included in the RFP.

**Answer (A):** The draft contract begins on page 30 and is labeled as “ATTACHMENT G PROFESSIONAL SERVICES AGREEMENT”

10. **Question (Q):** 18.8 We are to provide all attachments: Attachment “B” – please clarify what you wish to see here. Are you just requesting we recopy and return with proposal submission? Attachment “G” Professional Services Agreement – please clarify what you wish us to do with the form. Again, are you just requesting we recopy and return with proposal submission?

**Answer (A):**

For Attachment B, Offerors shall submit a sample of their insurance requirements showing that they meet the minimum coverage as outlined in the Attachment.

For Attachment G, Offerors shall submit any redlines or exceptions that they have to the example Professional Services Agreement.

11. **Question (Q):** 18.9 Is this basically a repeat of 18.8? And, we do not see any forms that need notarized – please clarify.

**Answer (A):** Notarized documents are not required for this electronic submission of offers.

12. **Question (Q):** In lieu of a site visit with potential risks of contracting COVID-19; we would like to request that Harford County Public Schools provide 3-4 pictures of each pool along with pictures of the mechanical equipment and architectural drawings of the pool area and support areas.

**Answer (A):** Please see **Addendum 2 Attachment C: Drawings and Pool Area Photos**

13. **Question (Q):** The Submittal Requirements go from Tab 4 (18.4) to Tab 8 (18.5). Are sections missing?

**Answer (A):** Please refer to question 4 of this addendum

14. **Question (Q):** What are we to provide for Attachment D- Conflict of Interest form? The form says “Use of this actual template is not required.” Should we just acknowledge this form in our cover letter?

**Answer (A):** Offers can use the template and fill out the information requested or provide the information in their submission, however, it should be clear where this information is in the proposal.

15. **Question (Q):** Please confirm we do not have to complete anything regarding the Attachment G- Professional Services Agreement and this was included for informational purposes only.

**Answer (A):** Offerors should review this attachment and include any exceptions or redlines to the agreement.

16. **Question (Q):** For Attachment “H” COVID-19 Contingency Plan, are we to provide details on what the company’s internal operational contingency plan for COVID-19 is, or are we being asked under this attachment H to provide details related to how the design would incorporate Covid-19 related plans in regards to any proposed HVAC systems?

**Answer (A):** Provide details on what the company’s internal operational contingency plan for COVID-19 is to help ensure safety on all HCPS premises.

17. **Question (Q):** Are we to provide project experience, or are you just looking for project experience on personnel resumes?

**Answer (A):** Please provide resumes of staff members that will work directly on the project showing relevant project experience.

18. **Question (Q):** Are we expected to provide rates for all of the positions listed on Attachment H, or just those that we feel apply to the swimming pool assessment?

**Answer (A):** Offers should provide only the rates that apply to the swimming pool assessment.

19. **Question (Q):** Are you looking for us to provide a Minimum Project Cost and Maximum Project Cost for each position, or should this be a separate line item for the entire project?

**Answer (A):** Attachment H Pricing has been amended p **Addendum 2 Attachment A: Attachment H Pricing** lease see **Addendum 2 Attachment A: Attachment H Pricing**

20. **Question (Q):** Will you please share the list of attendees from the pre-proposal?

**Answer (A):** Please see **Addendum 2 Attachment B: Pre-Proposal Attendees**

\_\_\_\_\_  
Company

\_\_\_\_\_  
Name (Print or Type)

\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Date

**Note: Offeror shall sign and submit Addendum with RFP submission. The same person signing Addendum shall sign the RFP Form. Failure to submit the Addendum may deem your RFP submission as non-responsive.**

**Addendum 2 Attachment A:**

**Attachment H Pricing**

Quote Form:

	Price Per Hour	Maximum Hours	Maximum Project Cost
Principal			
Associate			
Project Engineer			
Architect			
Electrical Engineer			
Mechanical Engineer			
Structural Engineer			
Civil Engineer			
Landscape Architect			
Geotechnical Engineer			
Surveyor			
Survey Crew (2-man)			
Designer			
CAAD Operator			
Cost Estimator			
Clerical			
<b>Other Costs:</b>			
<b>Total</b>	-		\$

**ADDITIONAL INFORMATION:**

<b>Contract Contact/Sales Rep Name:</b>	
<b>Phone Number:</b>	
<b>E-Mail Address:</b>	

**FORM OF PAYMENT (mark those you will accept)\*:**

<input type="checkbox"/>	<b>Do you accept credit card?</b>
<input type="checkbox"/>	<b>Is there a fee for using a credit card?</b>
<input type="checkbox"/>	<b>If yes, what is the fee amount?</b>
<input type="checkbox"/>	<b>ACH Payment</b>
<input type="checkbox"/>	<b>Conventional Check</b>

\*NOTE: Must request changes to payment method or bank information in writing.

**Addendum 2 Attachment B: Pre-Proposal Attendees**

<b>Name</b>	<b>Agency</b>	<b>E-mail Address</b>
Steve G Heidlauf	Century Engineering	<a href="mailto:sheidlauf@centuryeng.com">sheidlauf@centuryeng.com</a>
Cassie Hays	Frederick Ward Associates	<a href="mailto:chays@fredward.com">chays@fredward.com</a>
Jenn Gerber	Gerber Water Technology Inc	<a href="mailto:jgerber@wtiworld.com">jgerber@wtiworld.com</a>
Scott Adams	Gilbert Architects	<a href="mailto:scott@gilbertarchitects.com">scott@gilbertarchitects.com</a>
Tom Gilbert	Gilbert Architects	<a href="mailto:tomg@gilbertarchitects.com">tomg@gilbertarchitects.com</a>
Donald Silwick	Henry Adams (MEP Engineers)	<a href="mailto:silwick@henryadams.com">silwick@henryadams.com</a>
Melissa Newman	Henry Adams (MEP Engineers)	<a href="mailto:newman@henryadams.com">newman@henryadams.com</a>
Brent Miller	Lothorian Pools	<a href="mailto:bmiller@lothorian.com">bmiller@lothorian.com</a>
Zach Thompson	Lothorian Pools	<a href="mailto:zthompson@lothorian.com">zthompson@lothorian.com</a>
Mark Herkersman	Lothorian Pools	<a href="mailto:markh@lothorian.com">markh@lothorian.com</a>
Pete Tarnapoll	Myrtha Pools USA	<a href="mailto:ptarnapll@myrthapoolsusa.com">ptarnapll@myrthapoolsusa.com</a>
Philip Conte	Philip Conte	<a href="mailto:contep@studiojaed.com">contep@studiojaed.com</a>
Anthony DiCola	Setty & Associates	<a href="mailto:tonyd@setty.com">tonyd@setty.com</a>
Elana Levine	Smolen Emrllkovitch Architects	<a href="mailto:elevine@seiarch.com">elevine@seiarch.com</a>
Timothy Sheehan	Weston & Sampson	<a href="mailto:sheehant@wseinc.com">sheehant@wseinc.com</a>

## Addendum 2 Attachment C: Drawings and Pool Area Photos

The provided drawings and photographs are provided to offerors are provided for Offers to better be able to submit their proposal in lieu of a site visit due to COVID-19. These drawings and photographs do not relieve the successful Offeror from completing a physical assessment at each site upon award.

### Edgewood Middle School:























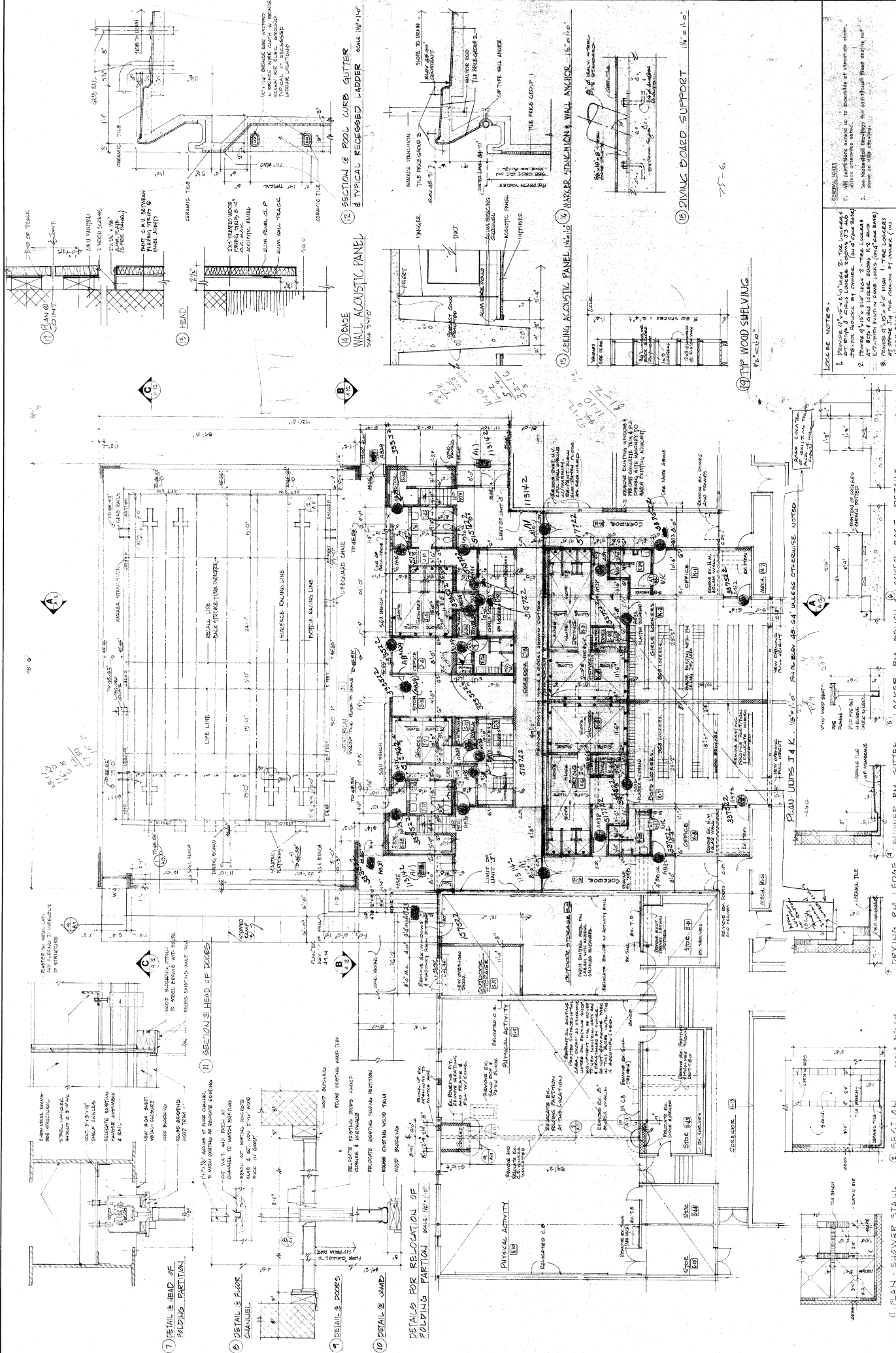












**PLAN-UNITS U AND K**

Attention and Address to:  
**Edgewood Middle School**  
 Board of Education  
 Harford County, Maryland  
 Richter Community Mathcal  
 2100 N. Great Street, Baltimore, Md 21285  
 George A. Egan, Jr. Structural Engineer  
 Miller-Schneeberg & Assoc., Mechanical Engineers

Date: 12 July 1976

Scale: 1/8" = 1'-0"

Job No. 73-20  
 Drawn By: S.A.S.

100% COMPLETE

Key Plan

**LOCKER NOTES:**

- Provide 1/2" x 1/2" x 1/2" tiles 2" thick, loose laid on 1/2" x 1/2" x 1/2" tiles for backstop by owner. (on 4" curb base)
- Provide 1/2" x 1/2" x 1/2" tiles 2" thick, loose laid on 1/2" x 1/2" x 1/2" tiles for backstop by owner. (on 4" curb base)
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**GENERAL NOTES:**

- All materials used in this schedule of materials shall be of the highest quality available.
- Use standard materials for all structural steel unless otherwise noted.
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**LOCKER BASE DETAILS** SCALES 1/4" = 1'-0"

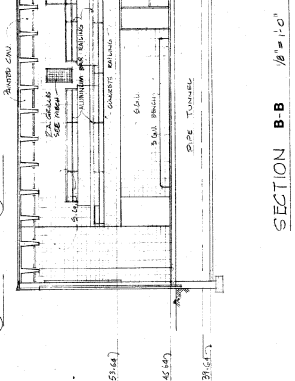
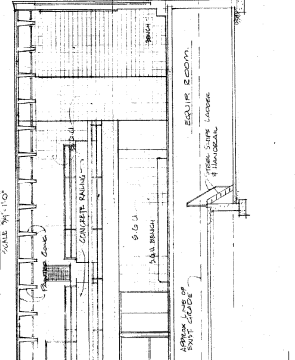
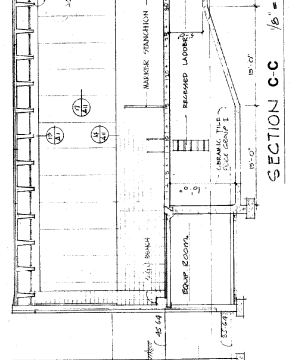
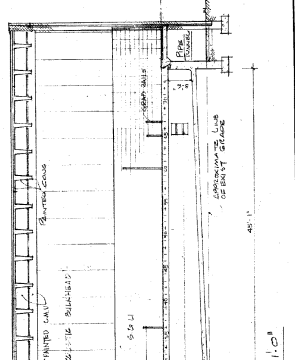
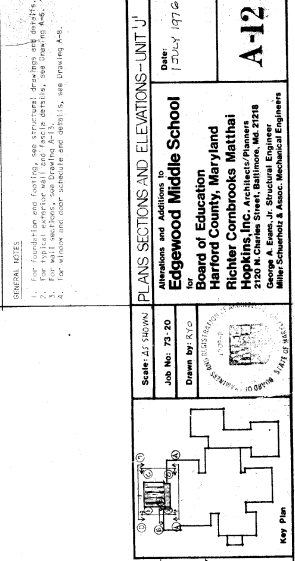
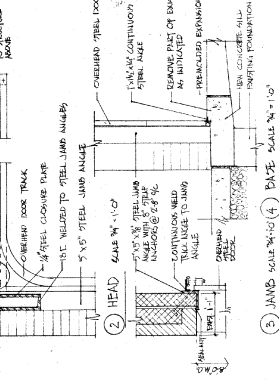
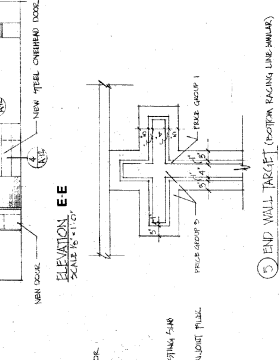
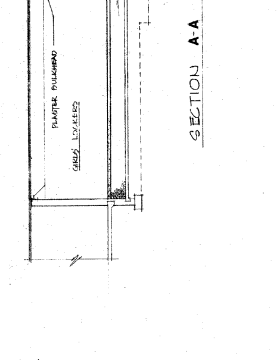
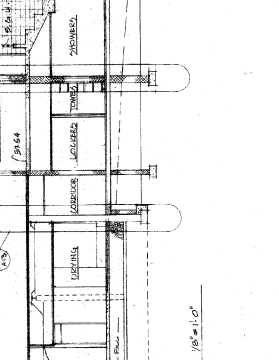
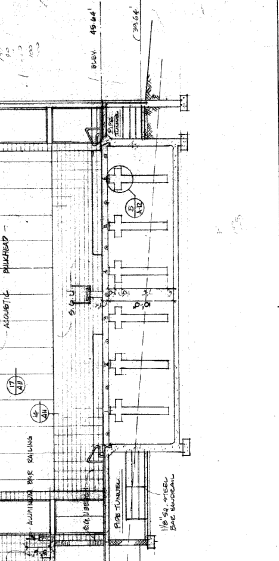
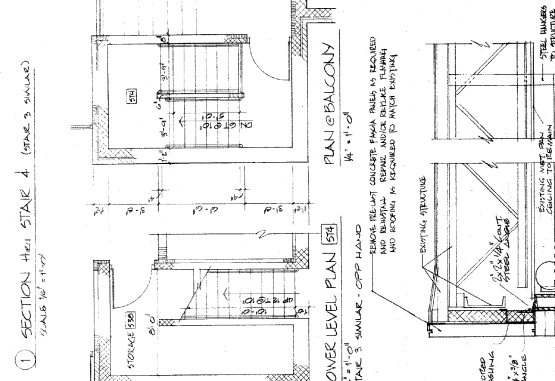
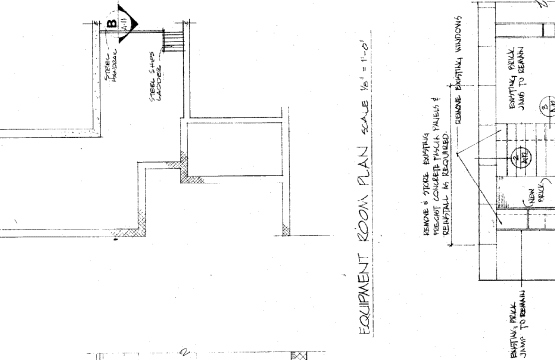
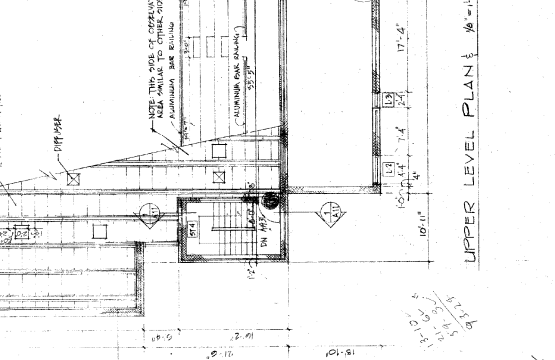
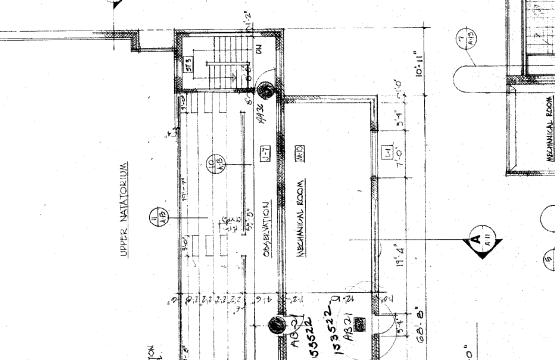
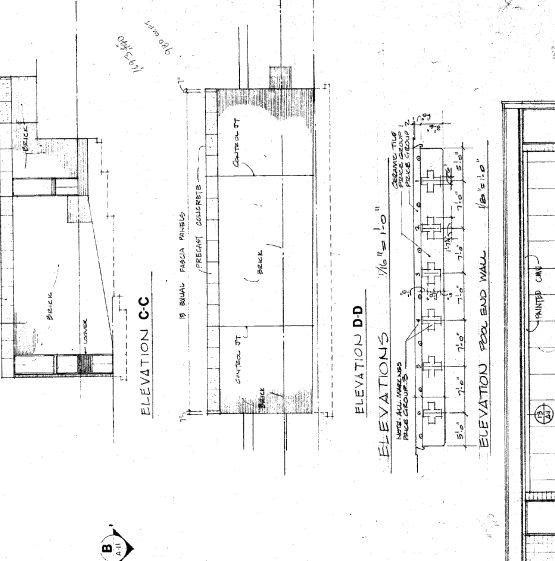
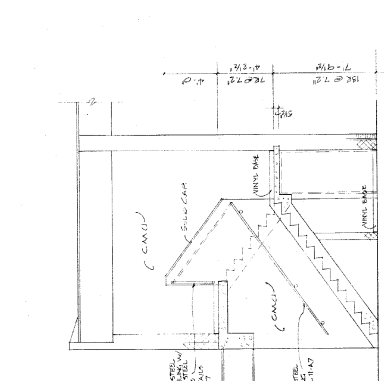
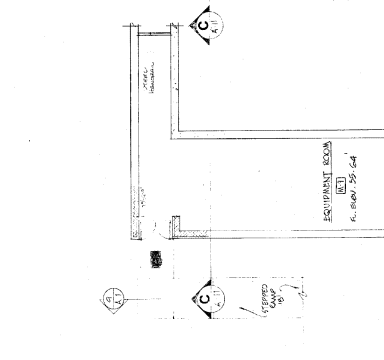
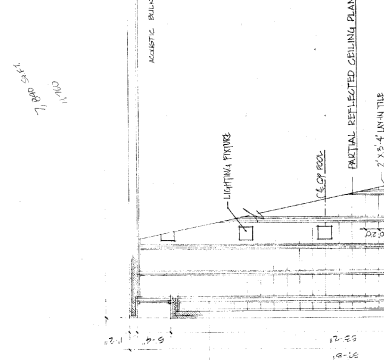
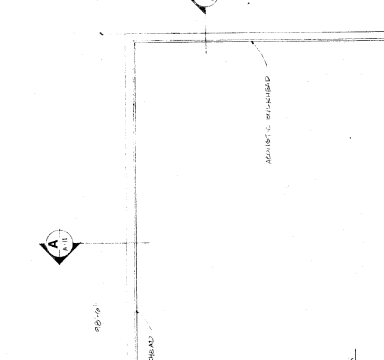
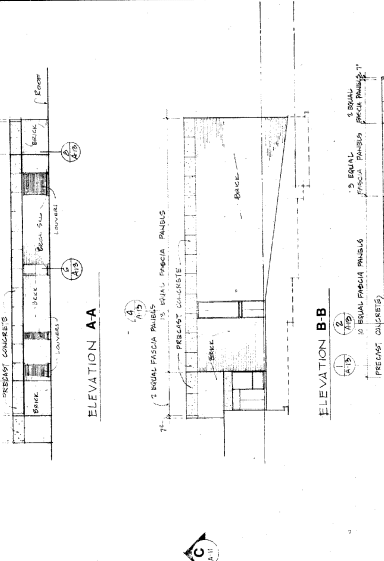
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LOCKER ROOM 87	1ST FLOOR	WOOD GRAB	WOOD GRAB	WOOD GRAB	WOOD GRAB
LOCKER ROOM 88	1ST FLOOR	WOOD GRAB	WOOD GRAB	WOOD GRAB	WOOD GRAB
LOCKER ROOM 89	1ST FLOOR	WOOD GRAB	WOOD GRAB	WOOD GRAB	WOOD GRAB
LOCKER ROOM 90	1ST FLOOR	WOOD GRAB	WOOD GRAB	WOOD GRAB	WOOD GRAB
LOCKER ROOM 91	1ST FLOOR	WOOD GRAB	WOOD GRAB	WOOD GRAB	WOOD GRAB
LOCKER ROOM 92	1ST FLOOR	WOOD GRAB	WOOD GRAB	WOOD GRAB	WOOD GRAB
LOCKER ROOM 93	1ST FLOOR	WOOD GRAB	WOOD GRAB	WOOD GRAB	WOOD GRAB
LOCKER ROOM 94	1ST FLOOR	WOOD GRAB	WOOD GRAB	WOOD GRAB	WOOD GRAB
LOCKER ROOM 95	1ST FLOOR	WOOD GRAB	WOOD GRAB	WOOD GRAB	WOOD GRAB
LOCKER ROOM 96	1ST FLOOR	WOOD GRAB	WOOD GRAB	WOOD GRAB	WOOD GRAB
LOCKER ROOM 97	1ST FLOOR	WOOD GRAB	WOOD GRAB	WOOD GRAB	WOOD GRAB
LOCKER ROOM 98	1ST FLOOR	WOOD GRAB	WOOD GRAB	WOOD GRAB	WOOD GRAB
LOCKER ROOM 99	1ST FLOOR	WOOD GRAB	WOOD GRAB	WOOD GRAB	WOOD GRAB
LOCKER ROOM 100	1ST FLOOR	WOOD GRAB	WOOD GRAB	WOOD GRAB	WOOD GRAB

1. For foundation and footing, see structural drawings and reports.  
 2. For wall and floor, see structural drawings and reports.  
 3. For wall and floor, see structural drawings and reports.  
 4. For window and door schedule and details, see drawing 404.

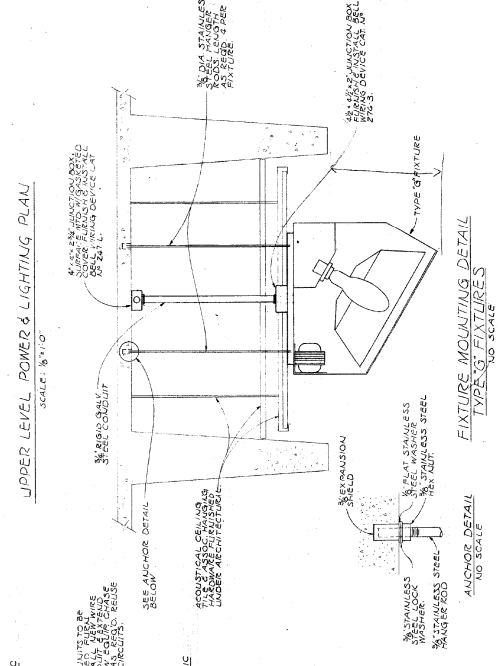
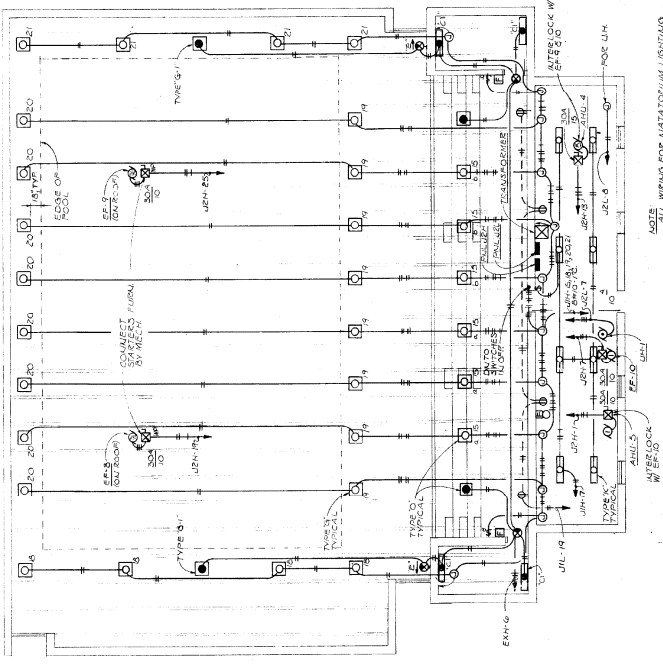
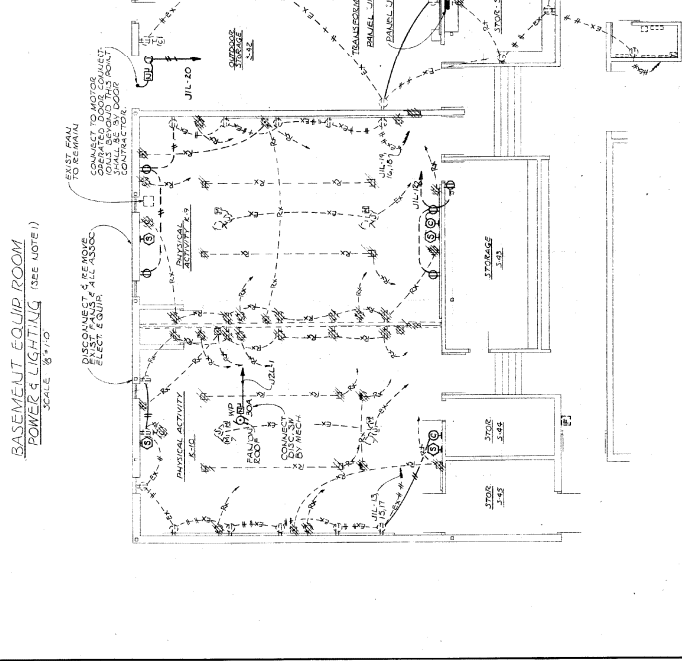
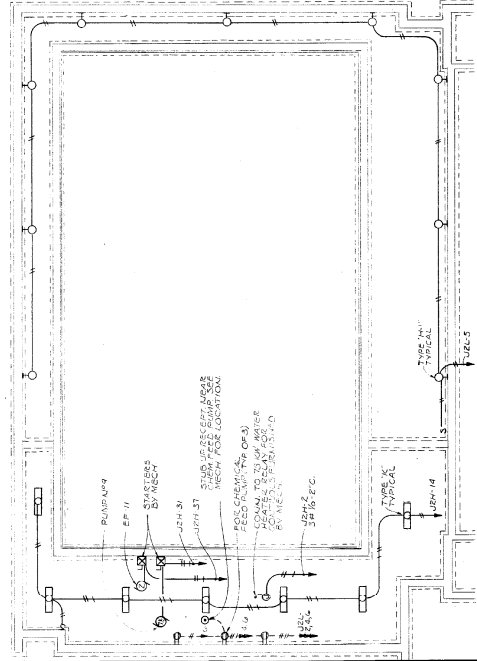
GENERAL NOTES

PLANS SECTIONS AND ELEVATIONS - UNIT 'J'  
 Attention and Additions to  
 for  
**Edgewood Middle School**  
 Prince George's County, Maryland  
 Hopkins Inc. Architects/Engineers  
 2150 N. Chalkley Street, Baltimore, MD 21228  
 George A. Evans, Jr. Structural Engineer  
 4400 Southwood & Assoc. Mechanical Engineers

DATE: JULY 1972  
 JOB No. 72-20  
 Scale: AS SHOWN  
 Drawn By: J.L.C.  
 Key Plan



SECTION AA 1/8" = 1'-0"  
 SECTION BB 1/8" = 1'-0"  
 SECTION CC 1/8" = 1'-0"  
 SECTION EE 1/8" = 1'-0"



**NOTES:**

1. PROVIDE 120V CIRCUIT FOR EACH UNIT.
2. PROVIDE 120V CIRCUIT FOR EACH UNIT.
3. PROVIDE 120V CIRCUIT FOR EACH UNIT.
4. PROVIDE 120V CIRCUIT FOR EACH UNIT.
5. PROVIDE 120V CIRCUIT FOR EACH UNIT.
6. PROVIDE 120V CIRCUIT FOR EACH UNIT.
7. PROVIDE 120V CIRCUIT FOR EACH UNIT.
8. PROVIDE 120V CIRCUIT FOR EACH UNIT.

**UNIT: J, K, POWER & UPPER LVL. PWR. & LITG.**

**Edgewood Middle School**  
Harford County, Maryland  
Richter Combrooks Matthal

DATE: 1 JULY, 1976

SCALE: 1/8" = 1'-0"

JOB NO. 77-20

DRAWN BY: R.J.C.

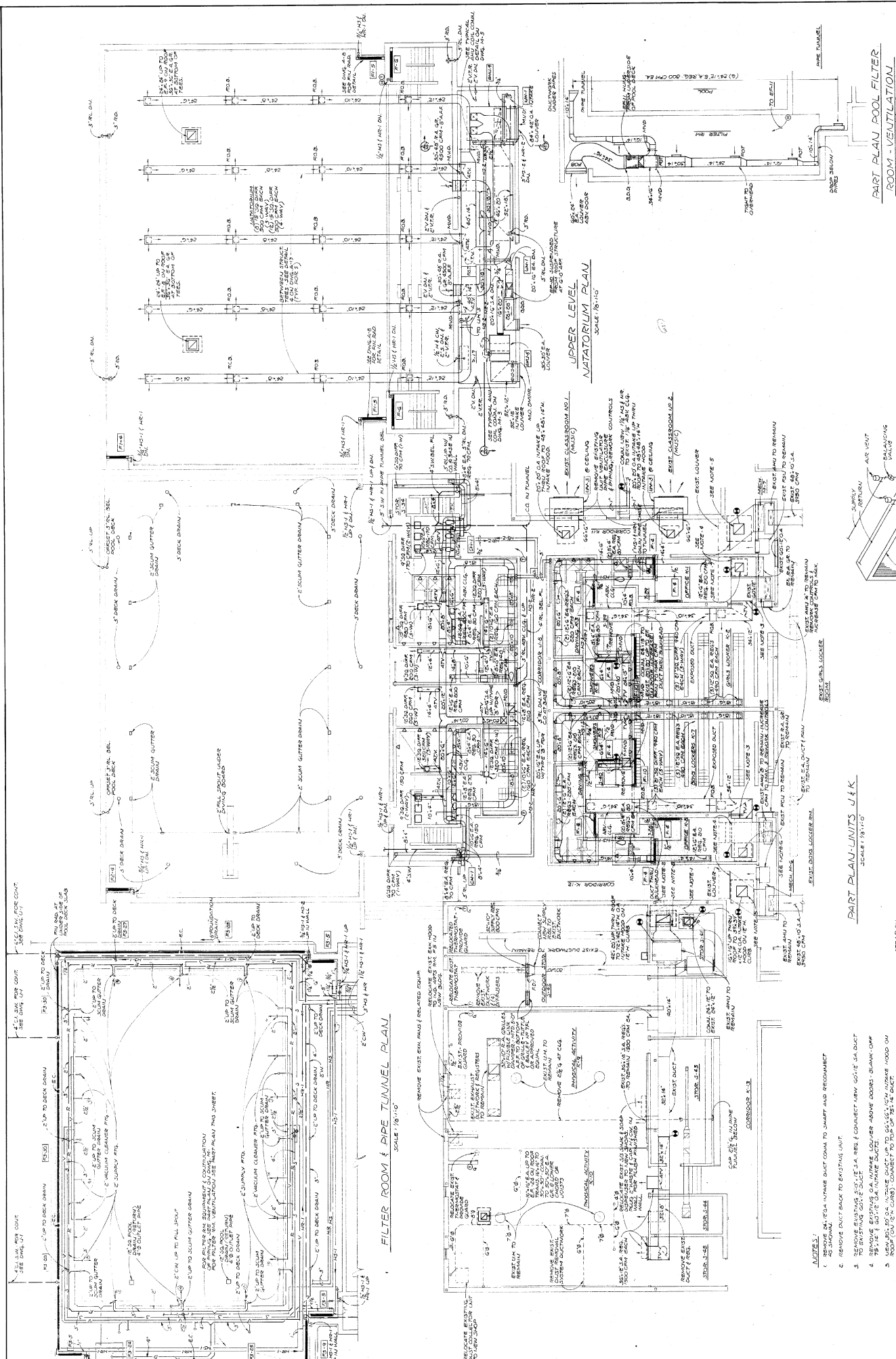
1000 N. CHESAPEAKE STREET, ANNAPOLIS, MD 21403

GEORGE A. EMMETT, JR., STRUCTURAL ENGINEER

MILTON SCHNEIDER & ASSOC. MECHANICAL ENGINEERS

KEY PLAN



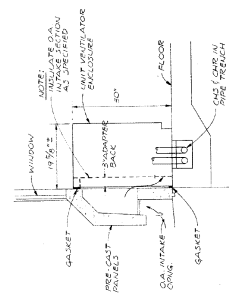


**MECHANICAL PLANS - UNITS, FILTERS AND DETAILS**  
**ROOM - VENTILATION**  
 SCALE AS NOTED  
 Job No. 75-28  
 Drawn by CEN/ML  
 Date: JULY 1974

Attention and Additions to:  
**Edgewood Middle School**  
 Board of Education  
 Harford County, Maryland  
 Hillier Construction, Inc.  
 2120 N. Chalk Hill, Baltimore, Md. 21218  
 George A. Egan, Jr. Structural Engineer  
 James G. Egan & Assoc. Mechanical Engineers

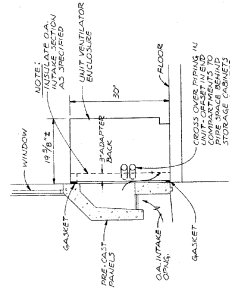
**M-3**

- NOTES:**
- REMOVE EXISTING 12" DIA. HOOD ON 15' 0" DIA. DUCT TO REMOVAL UNIT.
  - REMOVE EXISTING 12" DIA. HOOD ON 15' 0" DIA. DUCT TO REMOVAL UNIT.
  - REMOVE EXISTING 12" DIA. HOOD ON 15' 0" DIA. DUCT TO REMOVAL UNIT.
  - REMOVE EXISTING 12" DIA. HOOD ON 15' 0" DIA. DUCT TO REMOVAL UNIT.
  - REMOVE EXISTING 12" DIA. HOOD ON 15' 0" DIA. DUCT TO REMOVAL UNIT.
  - REMOVE EXISTING 12" DIA. HOOD ON 15' 0" DIA. DUCT TO REMOVAL UNIT.
  - REMOVE EXISTING 12" DIA. HOOD ON 15' 0" DIA. DUCT TO REMOVAL UNIT.
  - REMOVE EXISTING 12" DIA. HOOD ON 15' 0" DIA. DUCT TO REMOVAL UNIT.
  - REMOVE EXISTING 12" DIA. HOOD ON 15' 0" DIA. DUCT TO REMOVAL UNIT.

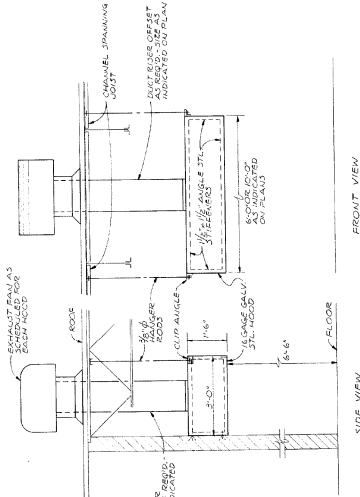


TYPICAL FLOOR MOUNTED UNIT VENTILATOR DETAIL WITH PIPE TRENCH FEED  
SCALE: 3/8"=1'-0"

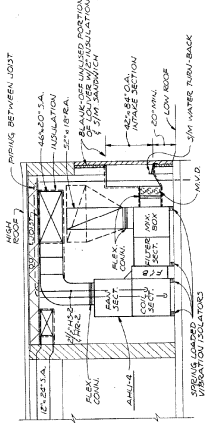
NOTE: (1) - RED BRASS WITH BRASS SPACE BELOW UNIT (UNIT 311004)



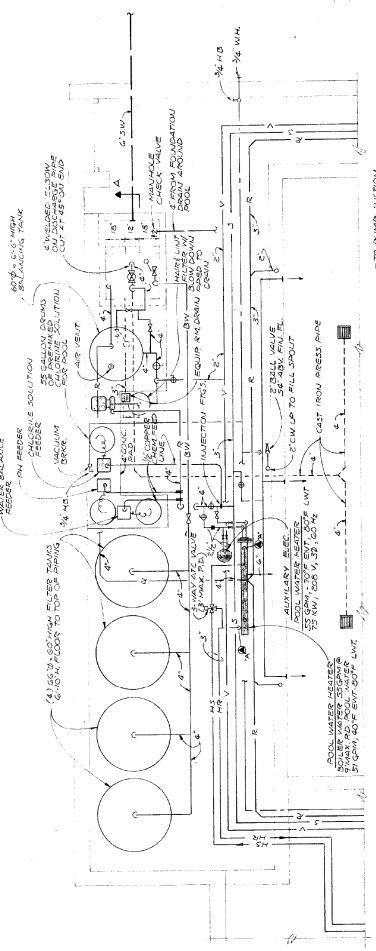
TYPICAL FLOOR MOUNTED UNIT VENTILATOR DETAIL WITH HORIZONTAL FEED  
SCALE: 3/8"=1'-0"



SHOP EXHAUST HOOD DETAIL  
SCALE: 1/2"=1'-0"

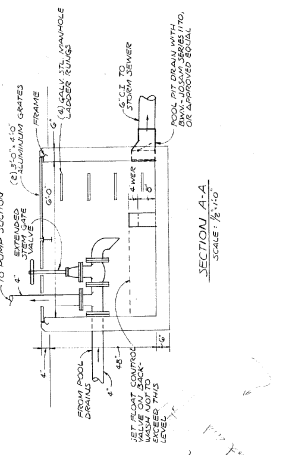


SECTION 3/3  
SCALE: 1/2"=1'-0"

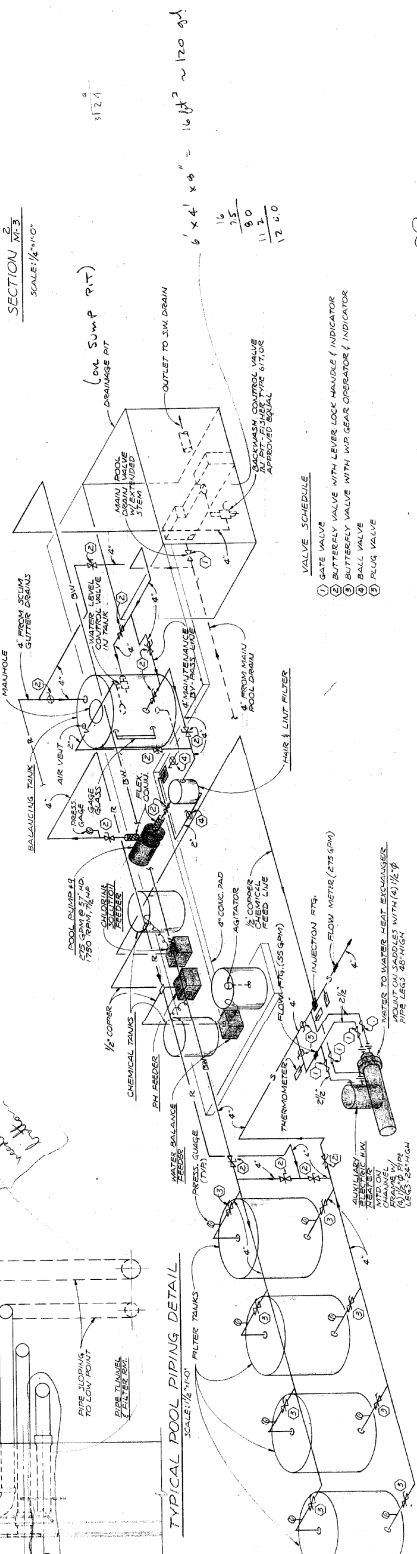


PART PLAN POOL FILTER ROOM  
SCALE: 1/2"=1'-0"

(SEE POOL FILTER PIPING SCHEMATIC FOR CONTINUATION OF PIPING & VALVE LOCATIONS)

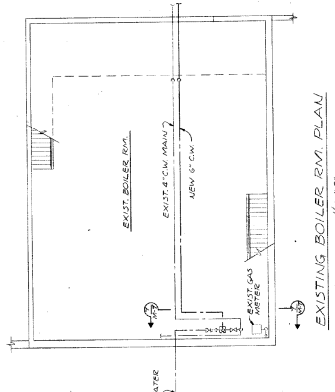


SECTION 3/4  
SCALE: 1/2"=1'-0"

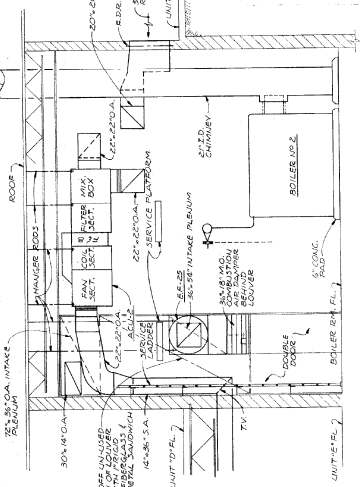


TYPICAL POOL PIPING DETAIL  
SCALE: 1/2"=1'-0"

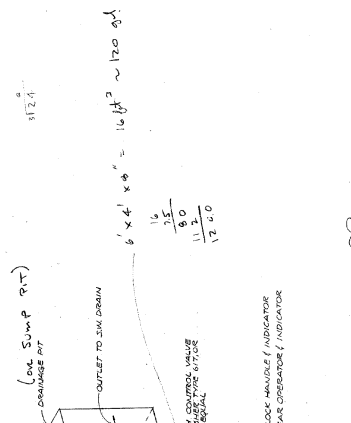
POOL FILTER PIPING SCHEMATIC  
SCALE: 1/2"=1'-0"



EXISTING BOILER RM. PLAN  
SCALE: 1/8"=1'-0"



SECTION 3/2  
SCALE: 1/2"=1'-0"



SECTION 3/5  
SCALE: 1/2"=1'-0"

6' x 4' x 8' = 16 ft<sup>3</sup> ~ 120 g.p.  
17.2

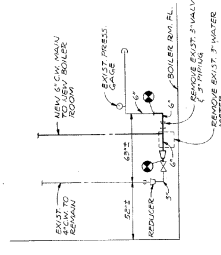
(on Sump PIT) DRAINAGE PIT

OUTLET TO SUMP DRAIN

BACKWASH CONTROL VALVE WITH W/6 GEAR OPERATOR & INDICATOR

VALVE SCHEDULE

- 1 GATE VALVE
- 2 BUTTERFLY VALVE WITH LEVER LOCK HANDLE (INDICATOR)
- 3 BUTTERFLY VALVE WITH W/6 GEAR OPERATOR & INDICATOR
- 4 BALL VALVE
- 5 PLUG VALVE



ELEVATION 3/7  
SCALE: 1/2"=1'-0"

Scale as noted  
Job No: 73-20  
Drawn by: [Signature]

Alterations and Additions to  
**Pool Filter Room Plan & Details**  
for  
**Edgewood Middle School**  
Board of Education  
Hartford County, Maryland  
Richter Combrooks Matthei  
Hopkins, Inc. Architects/Planners  
George A. Brown, Jr. Architect/Engineer  
Maryland Professional Seal & Mechanical Engineers

Date: 1 JULY 1975

M-7

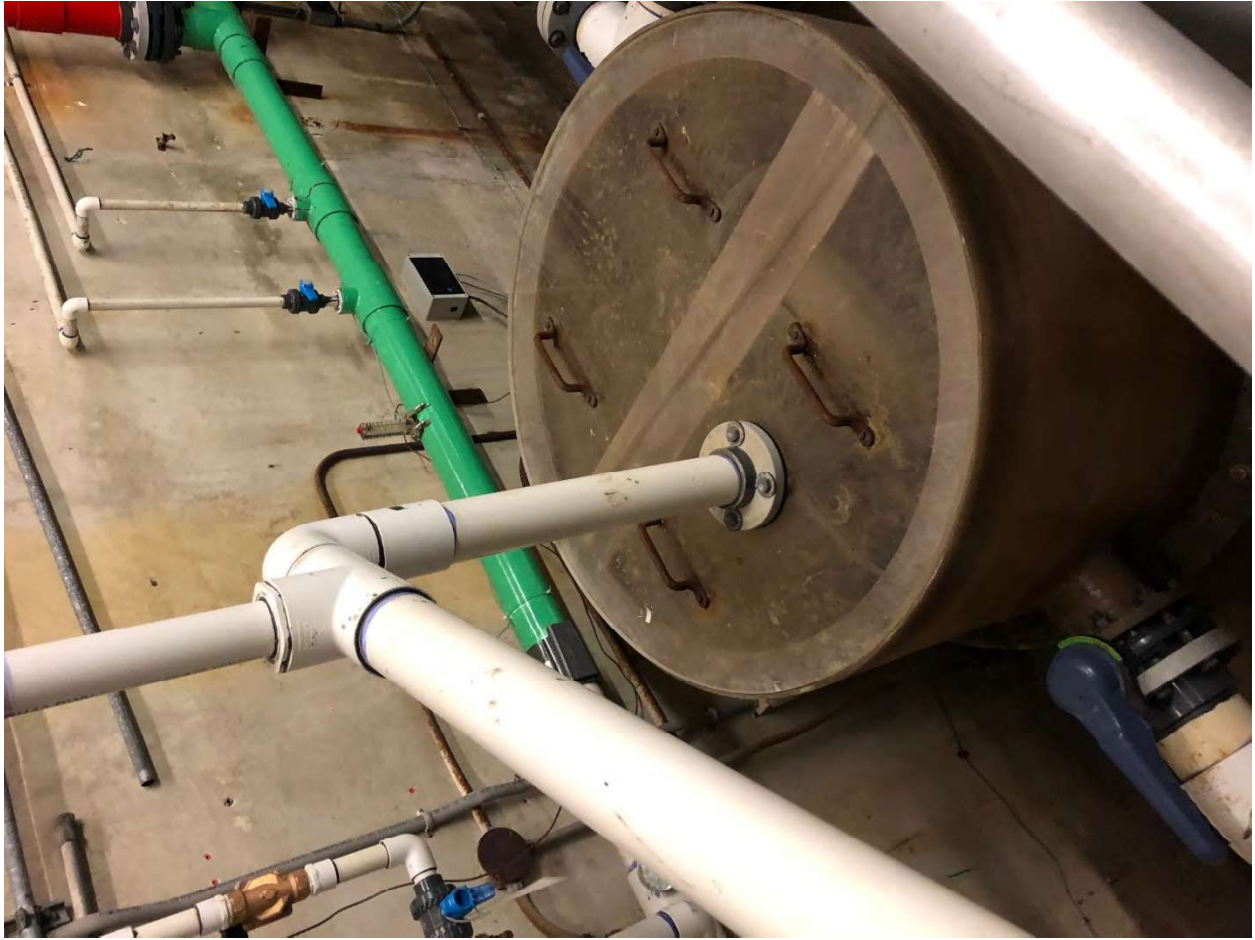
North Harford Middle School:





























NO STANDING  
ON BENCHES















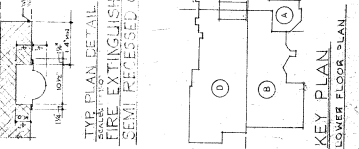
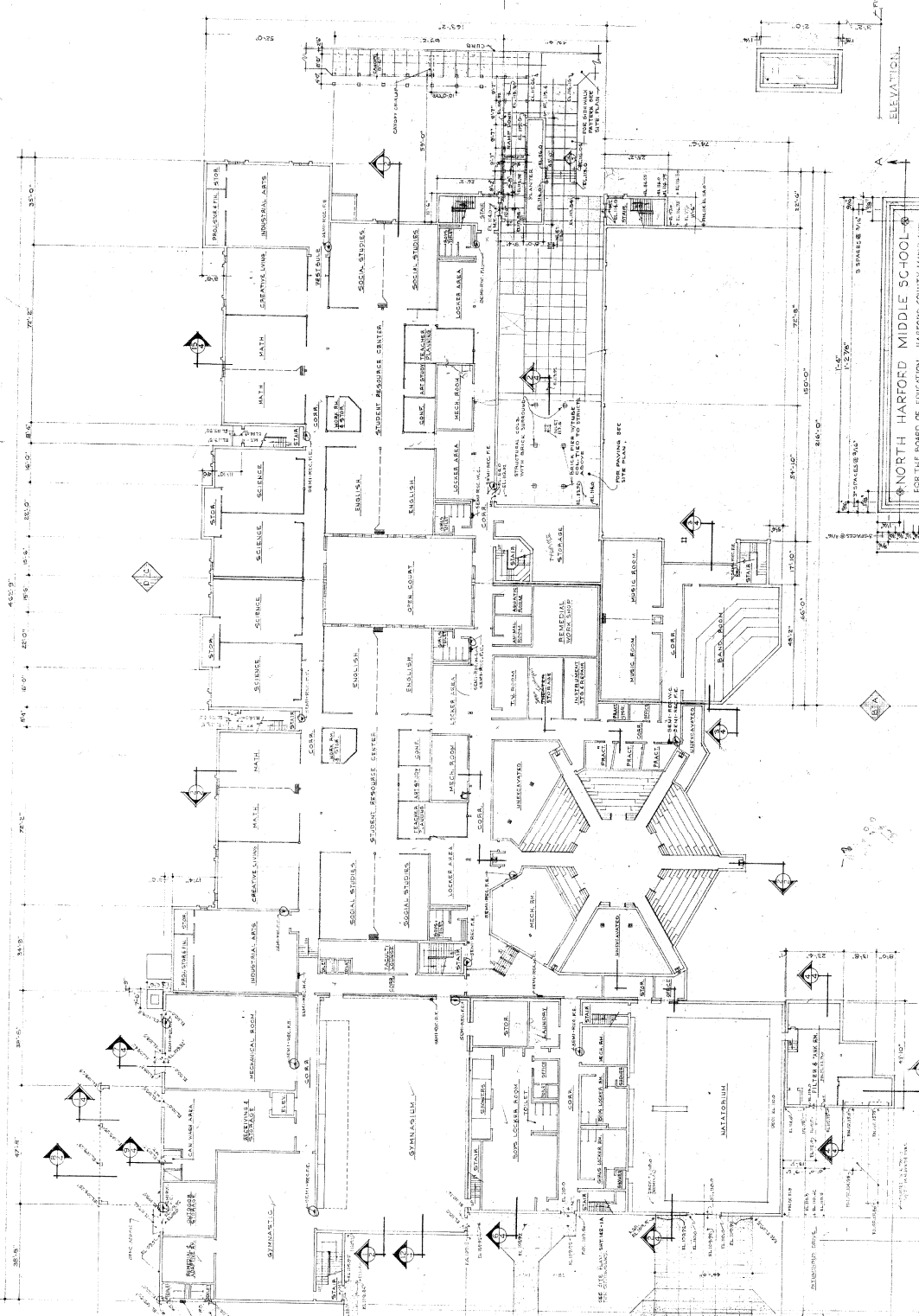
Drawings include original and  
2018 renovation

SCALE OVERALL LOWER FLOOR PLAN  
FOR NORTH HARFORD MIDDLE SCHOOL  
FOR HARFORD COUNTY BOARD OF EDUCATION  
BEL AIR, HARFORD CO. MARYLAND

**BUCHANAN ASSOCIATES**  
ARCHITECTS & ENGINEERS  
BALTIMORE MD. JOHNSHAVEN PA. LANCASTER PA.  
BUCHANAN - HORN CONSULTING ENGINEERS

PROJECT NO. 5229  
CATEGORY NO. 3  
A

SCALE AS SHOWN  
DRAWN BY S.E.  
CHECKED BY S.E.  
DATE 10/2/75



**COUNTY PLAQUE**  
SCALE 7/8" FULL SIZE

**NORTH HARFORD MIDDLE SCHOOL**  
FOR THE BOARD OF EDUCATION, HARFORD COUNTY, MARYLAND

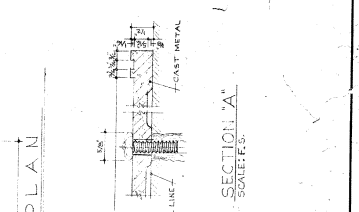
MEMBERS  
CHARLES F. MEALY, VICE PRESIDENT  
MRS. HERMAN B. GAN  
GEORGE R. LITCHFIELD

MRS. ELIZABETH RICHARDSON  
THOMAS GREGORY

ARCHITECTS  
BUCHANAN ASSOCIATES

STRUCTURAL ENGINEERS  
BAGGETT MOHRLEWIS & ASSOCIATES

ELECTRICAL ENGINEERS  
MECHANICAL CONTRACTOR  
GENERAL CONTRACTOR  
1975



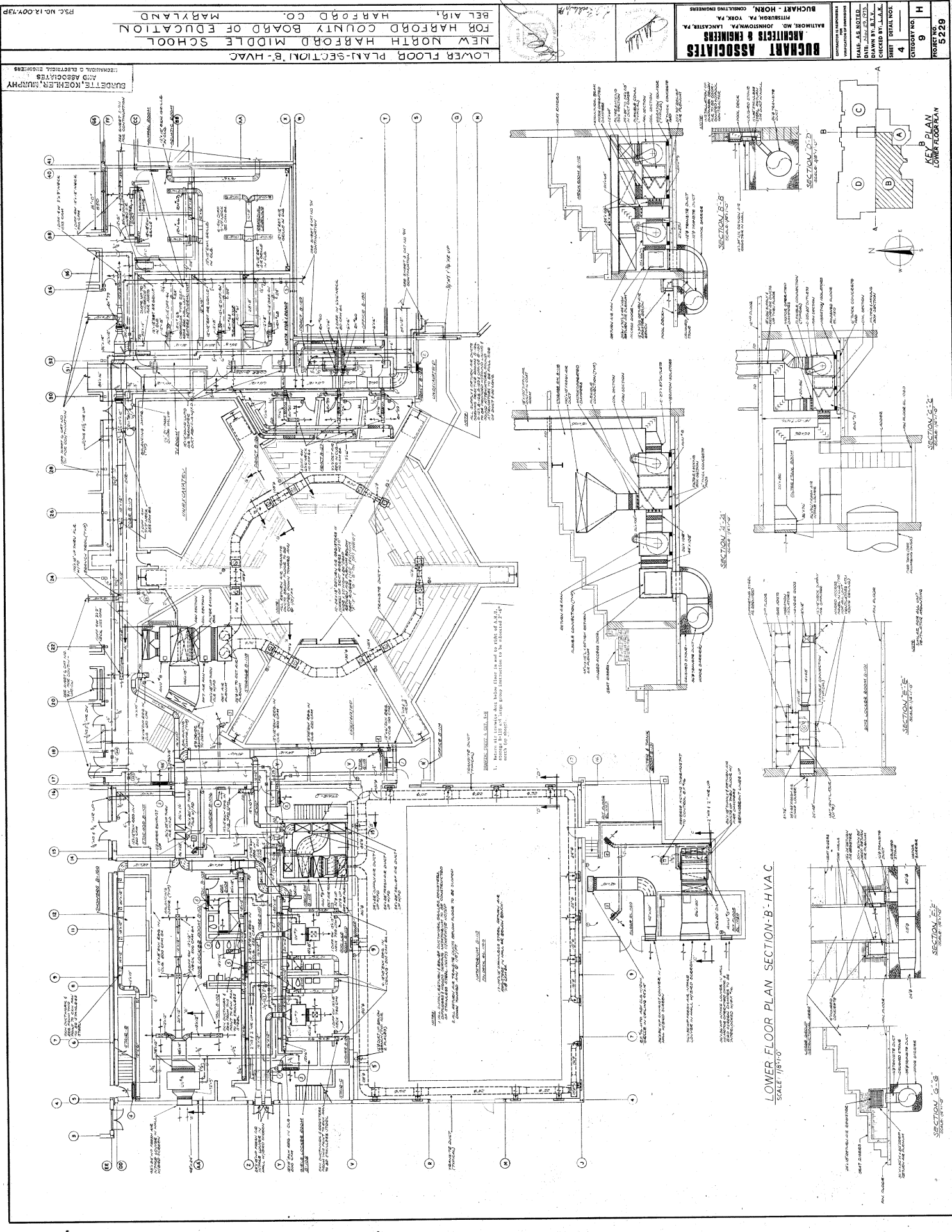
**ARCHITECTURAL ABBREVIATIONS**

AC	ACRYLIC
AD	ADHESIVE
AL	ALUMINUM
AS	ASBESTOS
AW	AIRWAY
BR	BRICK
BS	BLOCK
BT	BUTT
CA	CASING
CB	COPY
CC	CORNER
CD	CENTRELINE
CE	CEMENT
CF	CORNER FLASHING
CG	CORNER GROUND
CH	CHANNEL
CL	CURTAIN LIFT
CM	CORNER MORTAR
CO	CONCRETE
CP	CORNER PILING
CQ	CORNER QUARTER
CR	CORNER RAIL
CS	CORNER SILL
CT	CORNER TIE
CU	CORNER UPSTAIR
CV	CORNER VENT
CA	CORNER ANGLE
CC	CORNER CHASE
CD	CORNER DRAIN
CE	CORNER EAVE
CF	CORNER FLASHING
CG	CORNER GROUND
CH	CHANNEL
CL	CURTAIN LIFT
CM	CORNER MORTAR
CO	CONCRETE
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CQ	CORNER QUARTER
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CQ	CORNER QUARTER
CR	CORNER RAIL
CS	CORNER SILL
CT	CORNER TIE
CU	CORNER UPSTAIR
CV	CORNER VENT

**MATERIAL SYMBOLS**

BR	BRICK
CM	CONCRETE MASS
CS	CONCRETE SURFACE
ST	STEEL
AS	ASBESTOS
GL	GLASS
WO	WOOD
IN	INSULATION
TR	TRUSS
PL	PLASTER
GR	GRASS
GRV	GRAVEL
CON	CONCRETE
FIN	FINISHED
PAV	PAVING
ASPH	ASPHALT
CLAY	CLAY TILE
STONE	STONE
GLASS	GLASS
WOOD	WOOD
INS	INSULATION
TRUSS	TRUSS
PLASTER	PLASTER
GRASS	GRASS
GRAVEL	GRAVEL
CONCRETE	CONCRETE
FINISHED	FINISHED
PAVING	PAVING
ASPHALT	ASPHALT
CLAY TILE	CLAY TILE
STONE	STONE
GLASS	GLASS
WOOD	WOOD
INSULATION	INSULATION
TRUSS	TRUSS
PLASTER	PLASTER

SCALE 1/8" = 1'-0"



LOWER FLOOR PLAN-SECTION B-HVAC  
FOR HARFORD COUNTY BOARD OF EDUCATION  
NEW NORTH HARFORD MIDDLE SCHOOL  
BEL AIR, HARFORD CO. MARYLAND

BURDETTE, KOEHLER, MURPHY  
AND ASSOCIATES  
TECHNICAL ELECTRICAL ENGINEERS

BUCHART ASSOCIATES  
ARCHITECTS & ENGINEERS  
BALTIMORE, MD. JOHNSONVA LANCHESTER, PA.  
DATE: JULY 23, 1974  
DRAWN BY: E.L.A.  
CHECKED BY: J.L.A.  
PROJECT NO. 92 E 9  
SHEET NO. 4

P.S.C. NO. 12.00V.73P

SECTION A-A  
SCALE 1/8" = 1'-0"  
SECTION B-B  
SCALE 1/8" = 1'-0"  
SECTION C-C  
SCALE 1/8" = 1'-0"  
SECTION D-D  
SCALE 1/8" = 1'-0"  
SECTION E-E  
SCALE 1/8" = 1'-0"  
SECTION F-F  
SCALE 1/8" = 1'-0"  
SECTION G-G  
SCALE 1/8" = 1'-0"  
KEY PLAN  
LOWER FLOOR PLAN

LOWER FLOOR PLAN SECTION-B-HVAC  
SCALE 1/8" = 1'-0"

SECTION A-A  
SCALE 1/8" = 1'-0"  
SECTION B-B  
SCALE 1/8" = 1'-0"  
SECTION C-C  
SCALE 1/8" = 1'-0"  
SECTION D-D  
SCALE 1/8" = 1'-0"  
SECTION E-E  
SCALE 1/8" = 1'-0"  
SECTION F-F  
SCALE 1/8" = 1'-0"  
SECTION G-G  
SCALE 1/8" = 1'-0"

SECTION A-A  
SCALE 1/8" = 1'-0"  
SECTION B-B  
SCALE 1/8" = 1'-0"  
SECTION C-C  
SCALE 1/8" = 1'-0"  
SECTION D-D  
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SECTION E-E  
SCALE 1/8" = 1'-0"  
SECTION F-F  
SCALE 1/8" = 1'-0"  
SECTION G-G  
SCALE 1/8" = 1'-0"

SECTION A-A  
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SECTION B-B  
SCALE 1/8" = 1'-0"  
SECTION C-C  
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SECTION D-D  
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SECTION F-F  
SCALE 1/8" = 1'-0"  
SECTION G-G  
SCALE 1/8" = 1'-0"

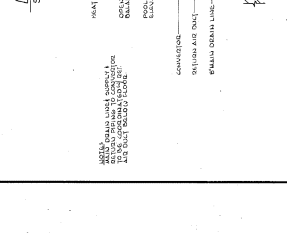
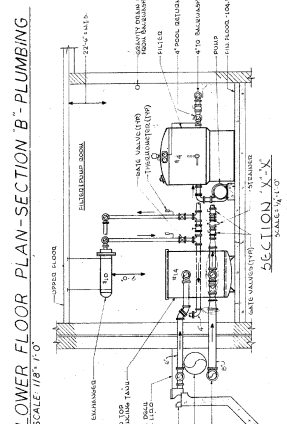
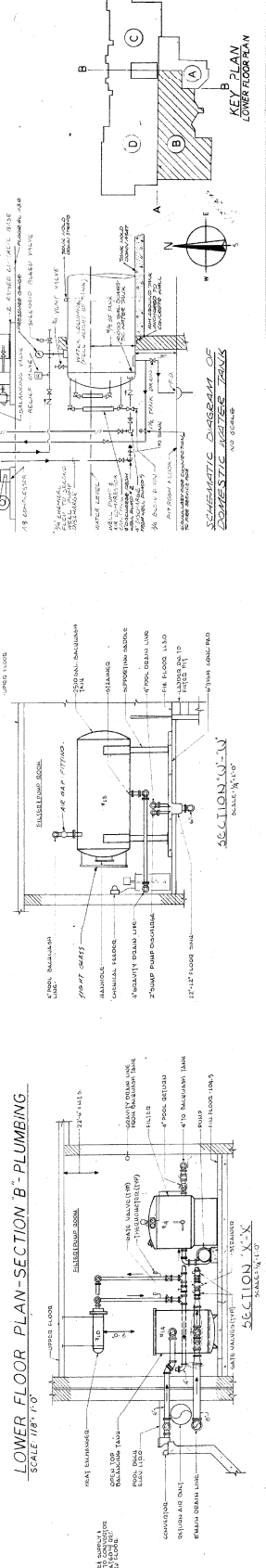
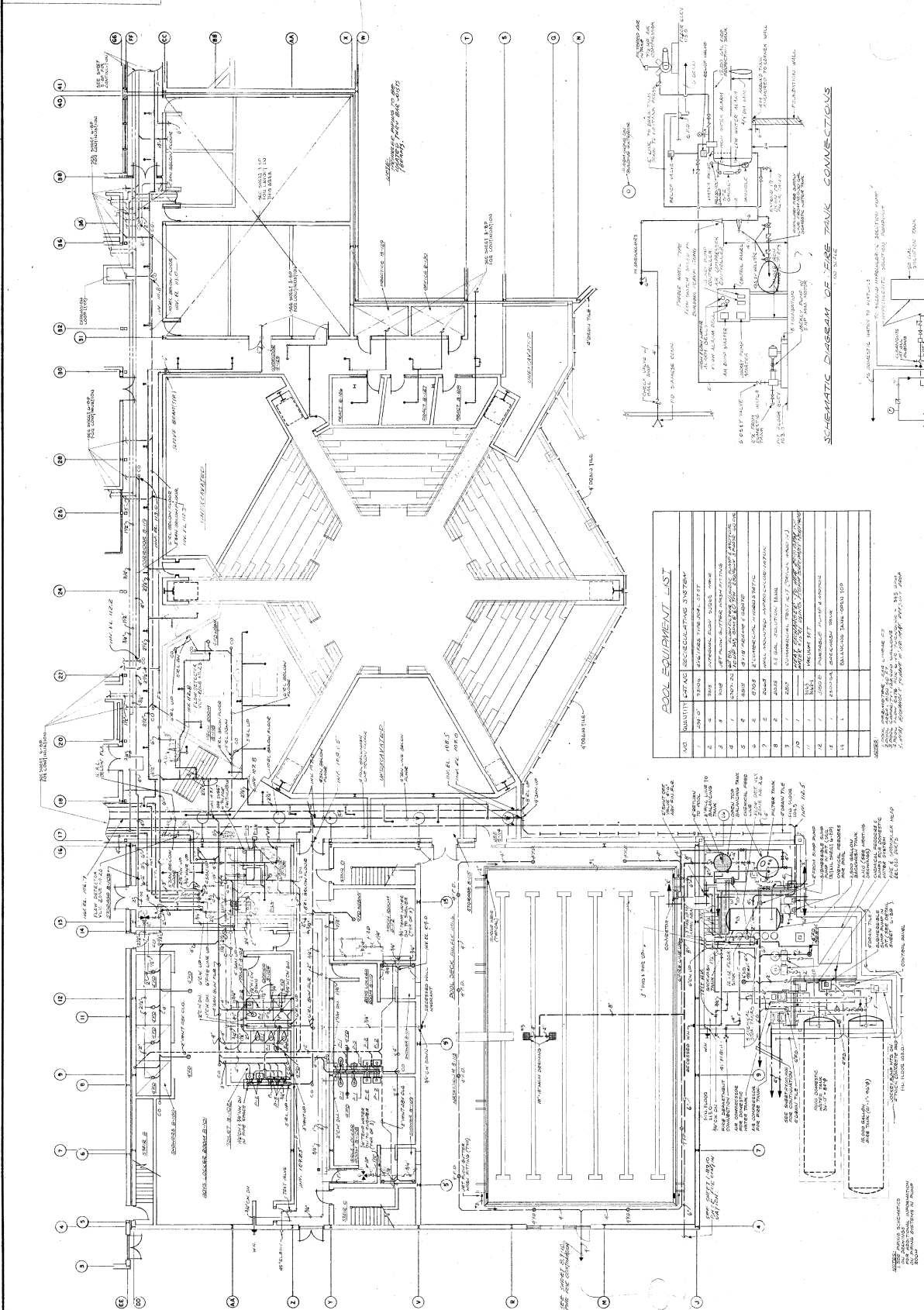
SECTION A-A  
SCALE 1/8" = 1'-0"  
SECTION B-B  
SCALE 1/8" = 1'-0"  
SECTION C-C  
SCALE 1/8" = 1'-0"  
SECTION D-D  
SCALE 1/8" = 1'-0"  
SECTION E-E  
SCALE 1/8" = 1'-0"  
SECTION F-F  
SCALE 1/8" = 1'-0"  
SECTION G-G  
SCALE 1/8" = 1'-0"

SECTION A-A  
SCALE 1/8" = 1'-0"  
SECTION B-B  
SCALE 1/8" = 1'-0"  
SECTION C-C  
SCALE 1/8" = 1'-0"  
SECTION D-D  
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SECTION E-E  
SCALE 1/8" = 1'-0"  
SECTION F-F  
SCALE 1/8" = 1'-0"  
SECTION G-G  
SCALE 1/8" = 1'-0"

SECTION A-A  
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SECTION B-B  
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SECTION C-C  
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SECTION D-D  
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SECTION E-E  
SCALE 1/8" = 1'-0"  
SECTION F-F  
SCALE 1/8" = 1'-0"  
SECTION G-G  
SCALE 1/8" = 1'-0"

SECTION A-A  
SCALE 1/8" = 1'-0"  
SECTION B-B  
SCALE 1/8" = 1'-0"  
SECTION C-C  
SCALE 1/8" = 1'-0"  
SECTION D-D  
SCALE 1/8" = 1'-0"  
SECTION E-E  
SCALE 1/8" = 1'-0"  
SECTION F-F  
SCALE 1/8" = 1'-0"  
SECTION G-G  
SCALE 1/8" = 1'-0"

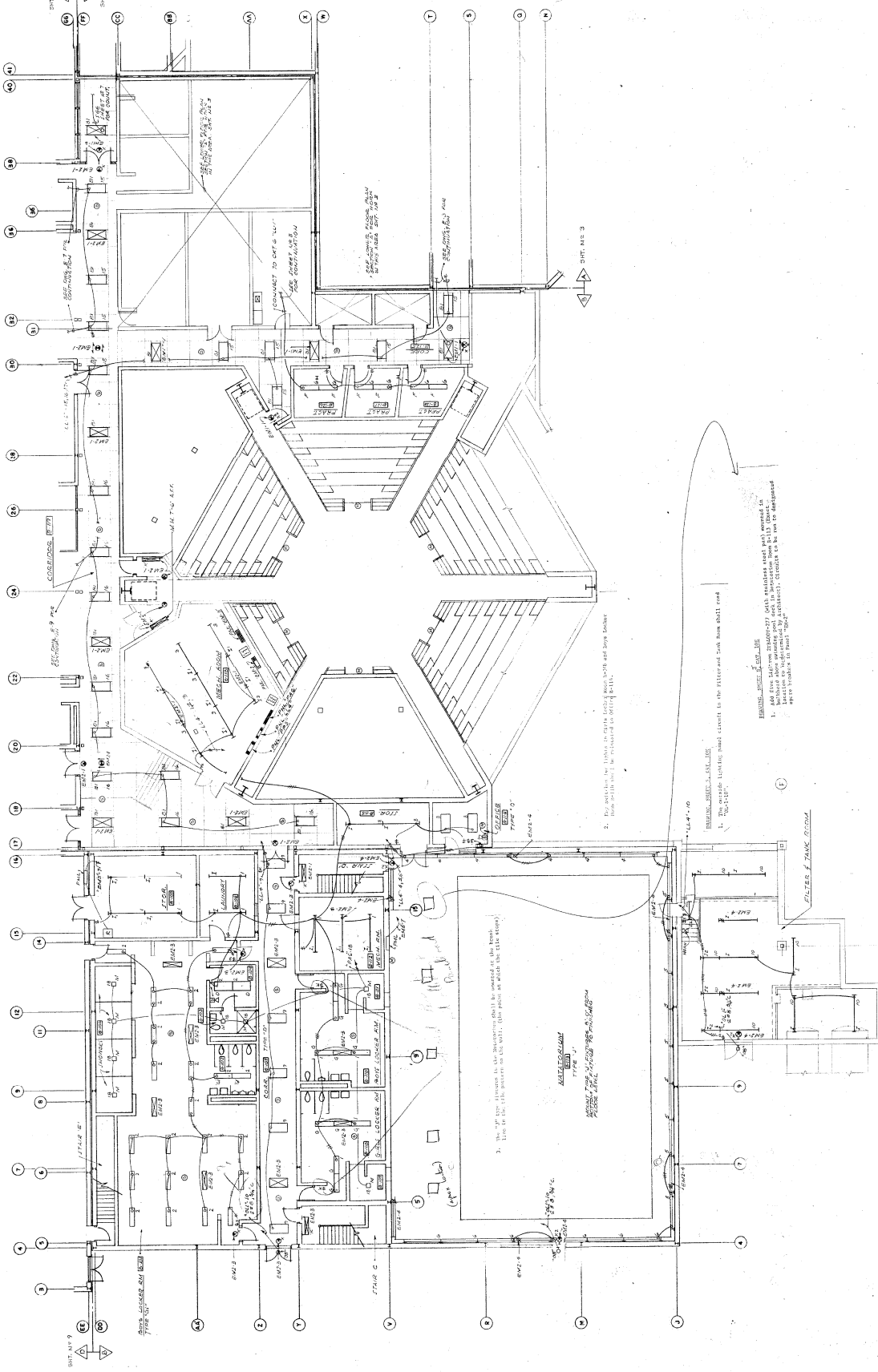
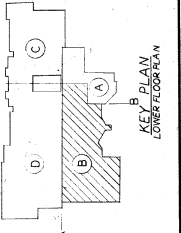
SECTION A-A  
SCALE 1/8" = 1'-0"  
SECTION B-B  
SCALE 1/8" = 1'-0"  
SECTION C-C  
SCALE 1/8" = 1'-0"  
SECTION D-D  
SCALE 1/8" = 1'-0"  
SECTION E-E  
SCALE 1/8" = 1'-0"  
SECTION F-F  
SCALE 1/8" = 1'-0"  
SECTION G-G  
SCALE 1/8" = 1'-0"







SURDETTE, KOEHLER, NURPHY  
AND ASSOCIATES  
MECHANICAL & ELECTRICAL ENGINEERS

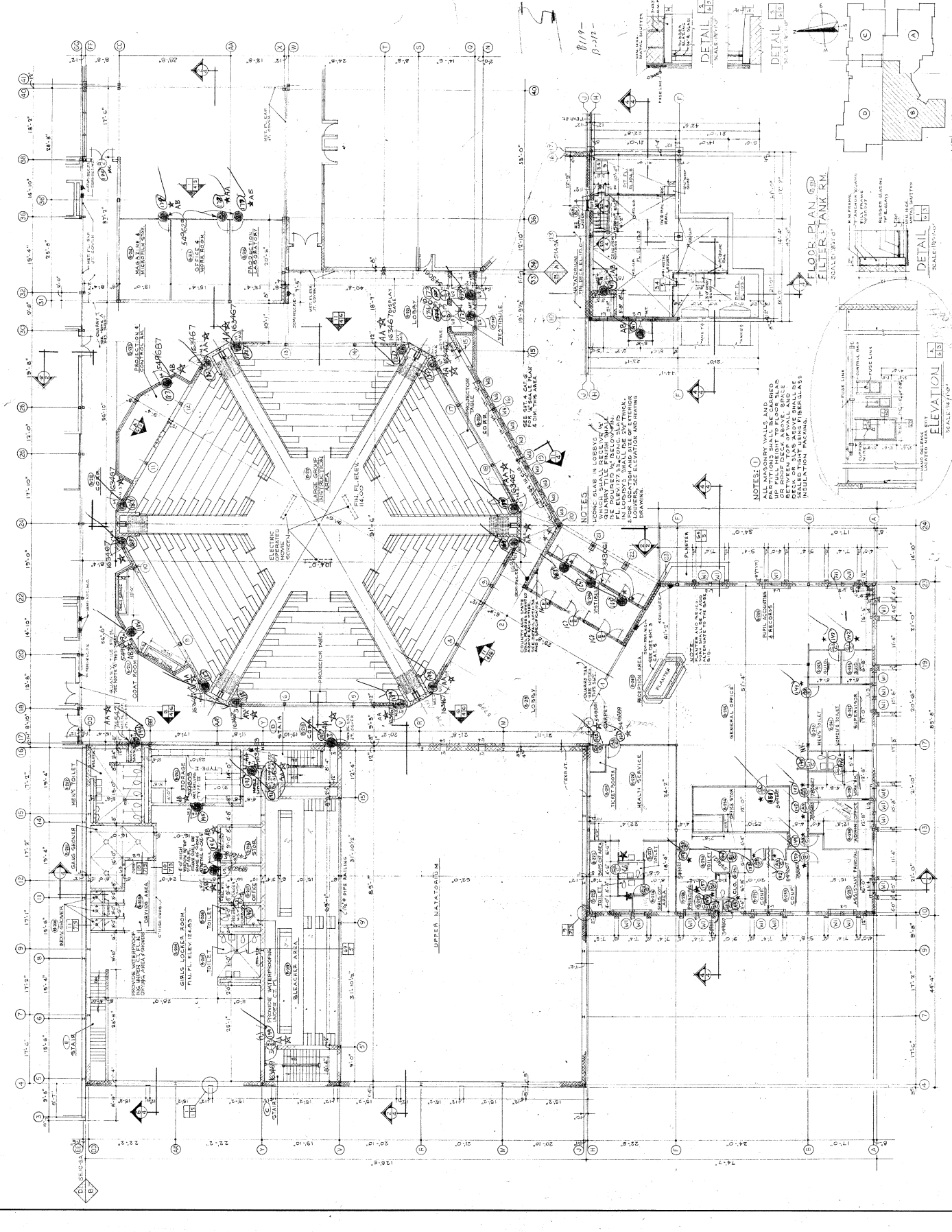


3. The "up" sign shall be placed in the main lobby of the building at the main entrance. The "down" sign shall be placed in the main lobby at the main entrance. The "up" sign shall be placed in the main lobby at the main entrance. The "down" sign shall be placed in the main lobby at the main entrance.

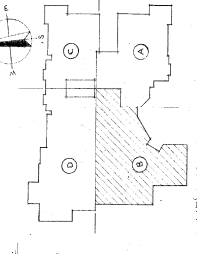
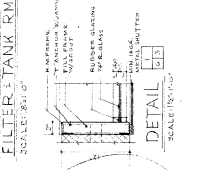
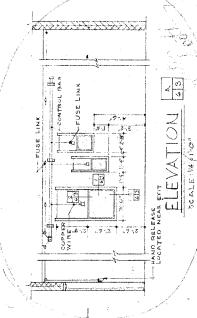
2. The outside lighting shall be placed in the filtered sun room shall read: "100-100".

1. All five light fixture emergency cases shall be placed in the main lobby at the main entrance. The emergency cases shall be placed in the main lobby at the main entrance. The emergency cases shall be placed in the main lobby at the main entrance.

LOWER FLOOR PLAN - SECTION 'B'  
SCALE 1/8" = 1'-0"



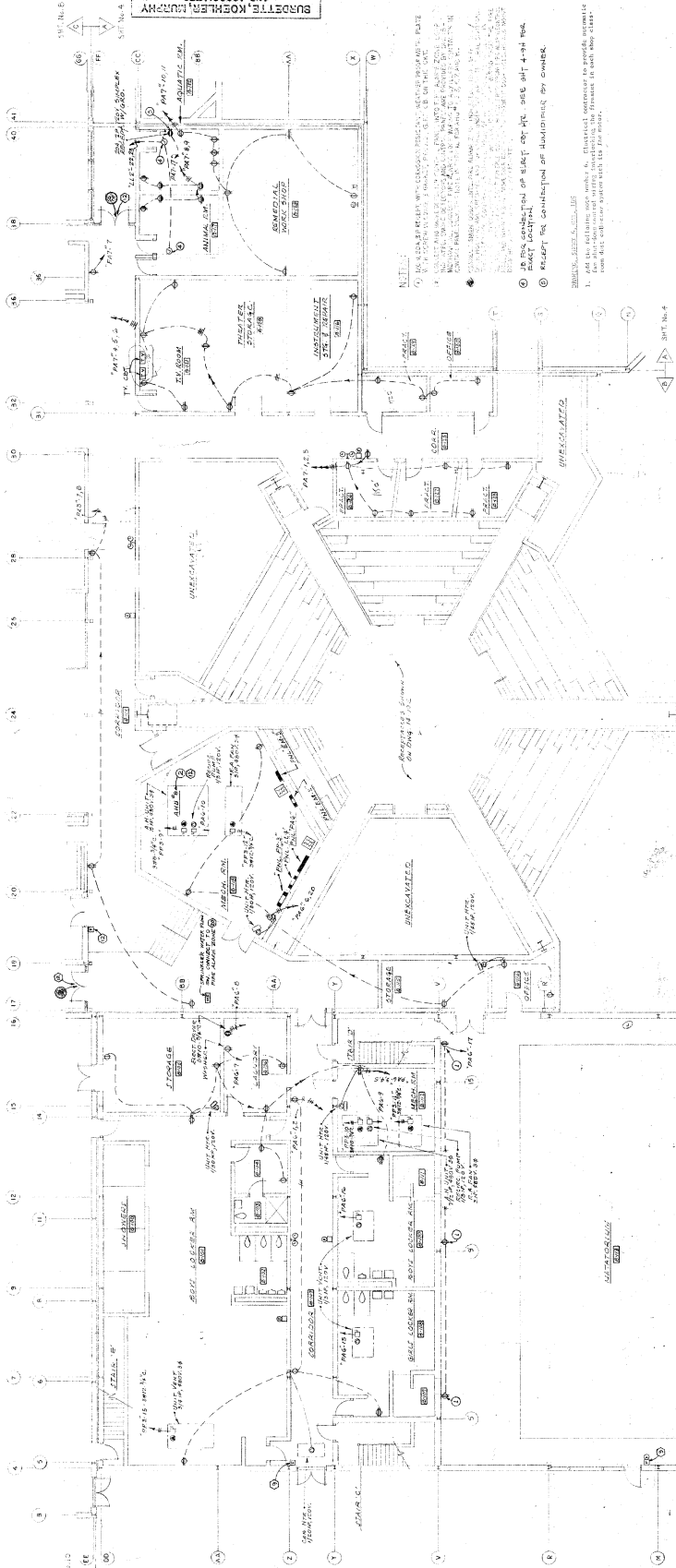
**NOTES:**  
1. ALL MASONRY WALLS AND PARTITIONS SHALL BE CARRIED TO THE NEXT FLOOR ABOVE. BRICK OR CONCRETE BLOCK ABOVE. BRICK OR CONCRETE BLOCK ABOVE SHALL BE SET ON A 4" MIN. THICK INSULATION PACKING.  
2. ALL MASONRY WALLS AND PARTITIONS SHALL BE CARRIED TO THE NEXT FLOOR ABOVE. BRICK OR CONCRETE BLOCK ABOVE. BRICK OR CONCRETE BLOCK ABOVE SHALL BE SET ON A 4" MIN. THICK INSULATION PACKING.  
3. ALL MASONRY WALLS AND PARTITIONS SHALL BE CARRIED TO THE NEXT FLOOR ABOVE. BRICK OR CONCRETE BLOCK ABOVE. BRICK OR CONCRETE BLOCK ABOVE SHALL BE SET ON A 4" MIN. THICK INSULATION PACKING.



UPPER FLOOR PLAN - SECTION 'B' - FIN.FL.ELEV. 33.0, EXCEPT AS NOTED.  
SCALE: 1/8\"/>

NEW NORTH HARFORD MIDDLE SCHOOL  
FOR HARFORD COUNTY BOARD OF EDUCATION  
BEL AIR, HARFORD CO., MARYLAND

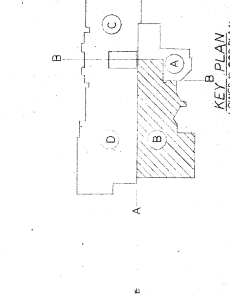
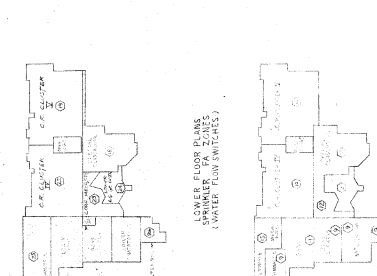
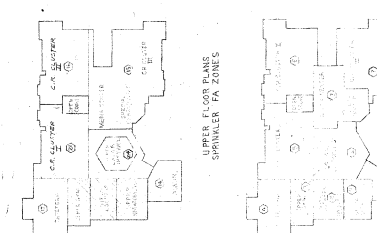
LOWER FLOOR PLAN - SECTION B



**NOTES:**  
1. REFER TO RELEVANT SPECIFICATIONS, SCHEDULES AND DRAWINGS FOR ALL ELECTRICAL SYMBOLS AND CONNECTIONS.  
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24. REFER TO RELEVANT SPECIFICATIONS, SCHEDULES AND DRAWINGS FOR ALL ELECTRICAL SYMBOLS AND CONNECTIONS.

**FIRE ALARM SYSTEM ZONES**

ZONE I	OFFICE
ZONE II	OFFICE
ZONE III	OFFICE
ZONE IV	OFFICE
ZONE V	OFFICE
ZONE VI	OFFICE
ZONE VII	OFFICE
ZONE VIII	OFFICE
ZONE IX	OFFICE
ZONE X	OFFICE
ZONE XI	OFFICE
ZONE XII	OFFICE
ZONE XIII	OFFICE
ZONE XIV	OFFICE
ZONE XV	OFFICE
ZONE XVI	OFFICE
ZONE XVII	OFFICE
ZONE XVIII	OFFICE
ZONE XIX	OFFICE
ZONE XX	OFFICE
ZONE XXI	OFFICE
ZONE XXII	OFFICE
ZONE XXIII	OFFICE
ZONE XXIV	OFFICE
ZONE XXV	OFFICE
ZONE XXVI	OFFICE
ZONE XXVII	OFFICE
ZONE XXVIII	OFFICE
ZONE XXIX	OFFICE
ZONE XXX	OFFICE



**LOWER FLOOR PLANS (WATER FLOW SWITCHES)**  
**UPPER FLOOR PLANS (SPRINKLER FA ZONES)**  
**UPPER FLOOR PLANS (WATER FLOW SWITCHES)**  
**LOWER FLOOR PLANS (SPRINKLER FA ZONES)**

**LOWER FLOOR PLANS (WATER FLOW SWITCHES)**  
**UPPER FLOOR PLANS (SPRINKLER FA ZONES)**

**LOWER FLOOR PLAN - SECTION B**  
SCALE 1/8" = 1'-0"

**BUCHART ASSOCIATES ARCHITECTS & ENGINEERS**  
Baltimore, MD 21201  
BUCHART - HORN, CONSULTING ENGINEERS  
DATE: 10/15/75  
SCALE: 1/8" = 1'-0"  
CHECKED BY: JAC  
SHEET: 101  
CATEGORY NO. 10  
PROJECT NO. 5229

Original Drawing

R.S.C. NO. 12.00743P

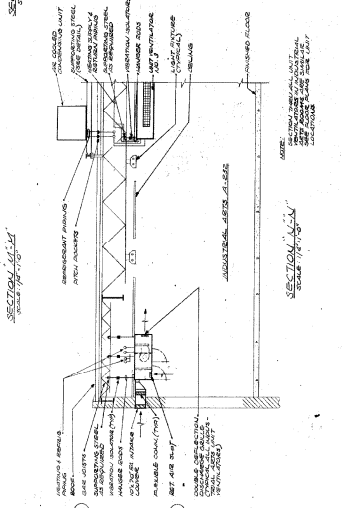
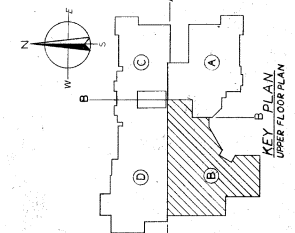
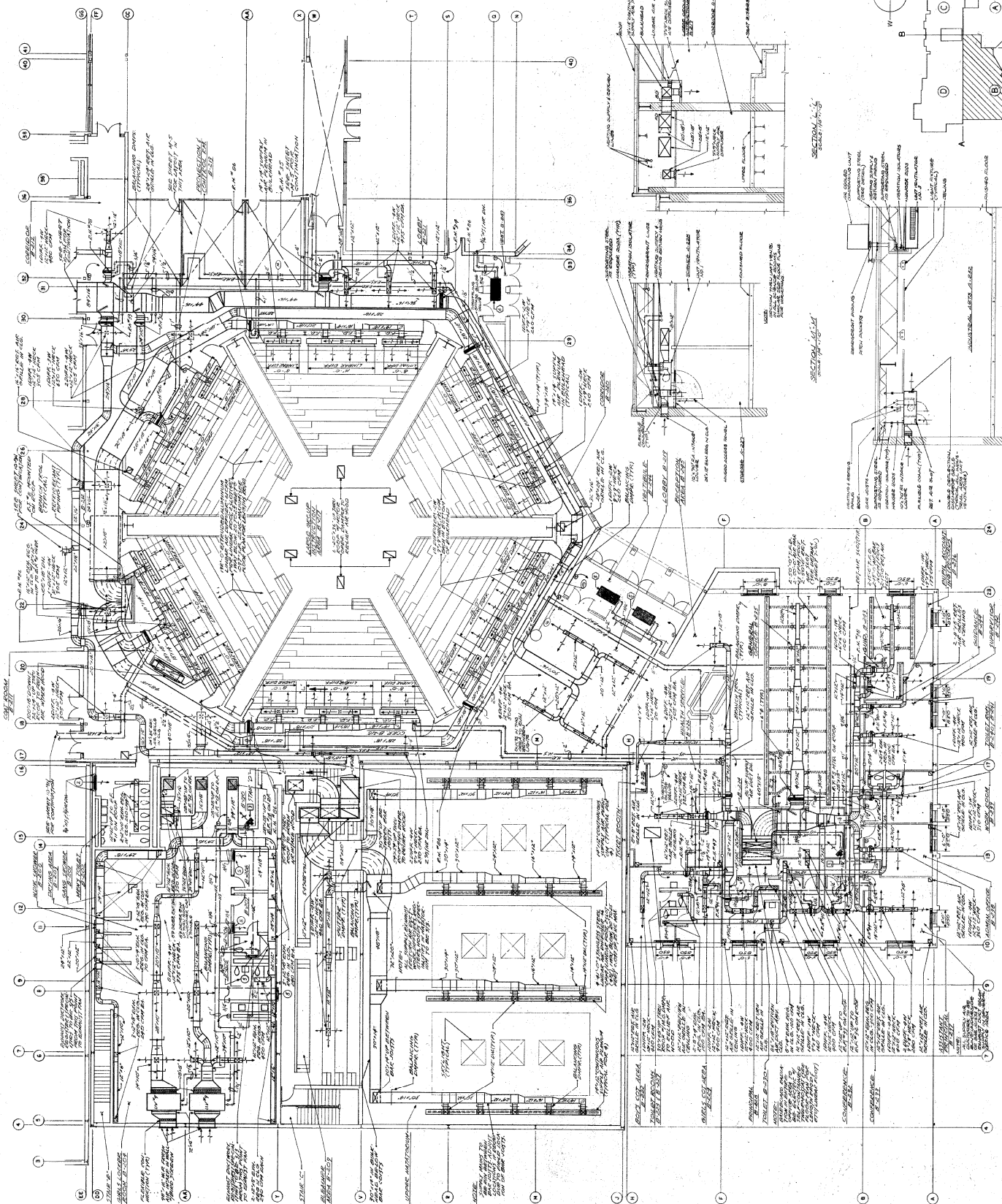
UPPER FLOOR PLAN - SECTION B - HVAC  
FOR HARFORD COUNTY BOARD OF EDUCATION  
NEW NORTH HARFORD MIDDLE SCHOOL  
BEL AIR, MARYLAND

BUCHART, KOEHLER, JIMPHY  
AND ASSOCIATES  
CONSULTING ENGINEERS  
ARCHITECTS



**BUCHART ASSOCIATES**  
ARCHITECTS & ENGINEERS  
BALTIMORE, MD. JOHNSOWNA, LANCASTER, PA.  
PITTSBURGH, PA. YORK, PA.

CONTRACT NUMBER	
SCALE AS NOTED	
DATE 10-25-74	
DRAWN BY E.L.L.	
CHECKED BY J.L.K.	
SHEET TOTAL NO.	8
CATEGORY NO.	9
PROJECT NO.	5229



UPPER FLOOR PLAN - SECTION B - HVAC  
SCALE: 1/8" = 1'-0"