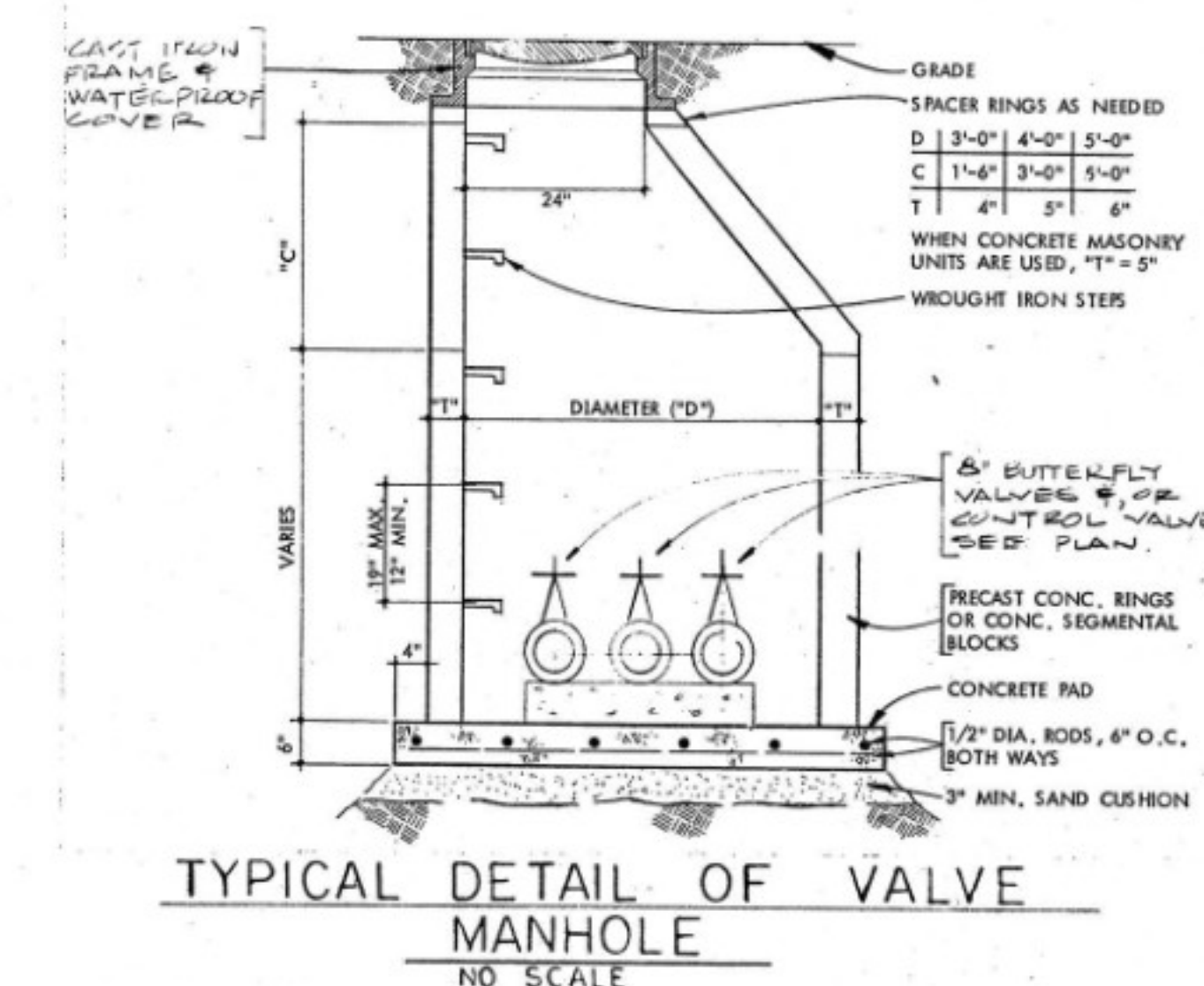
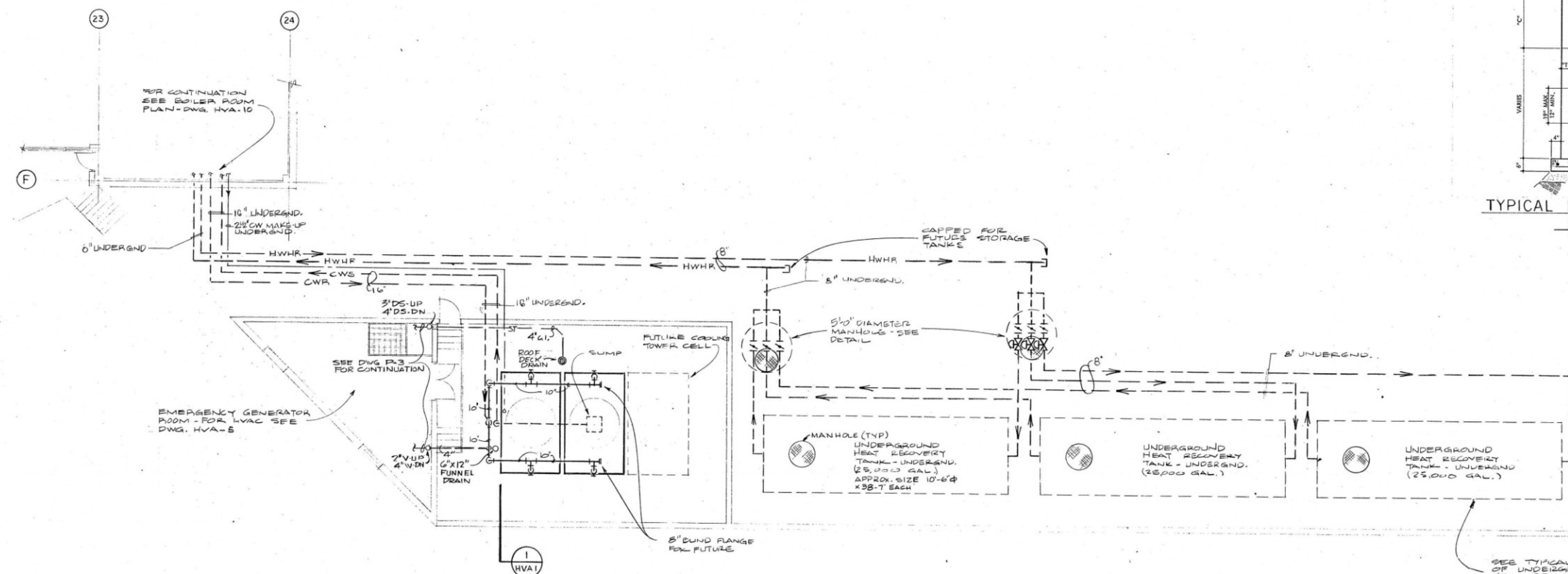
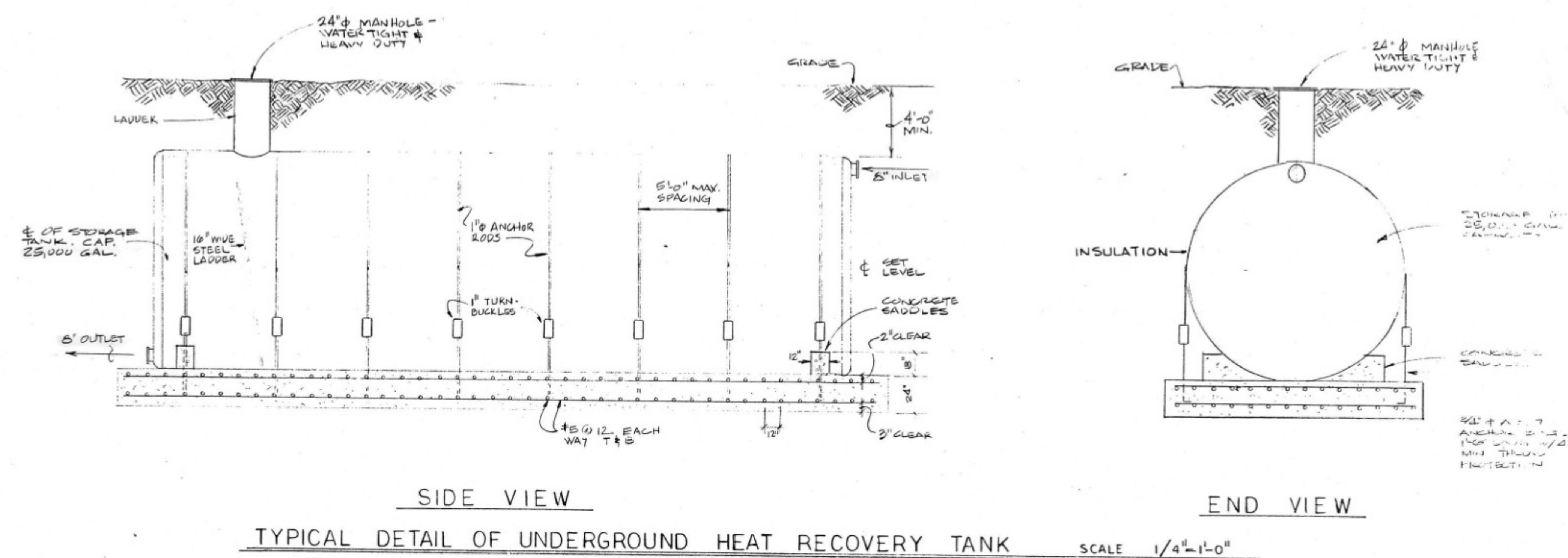
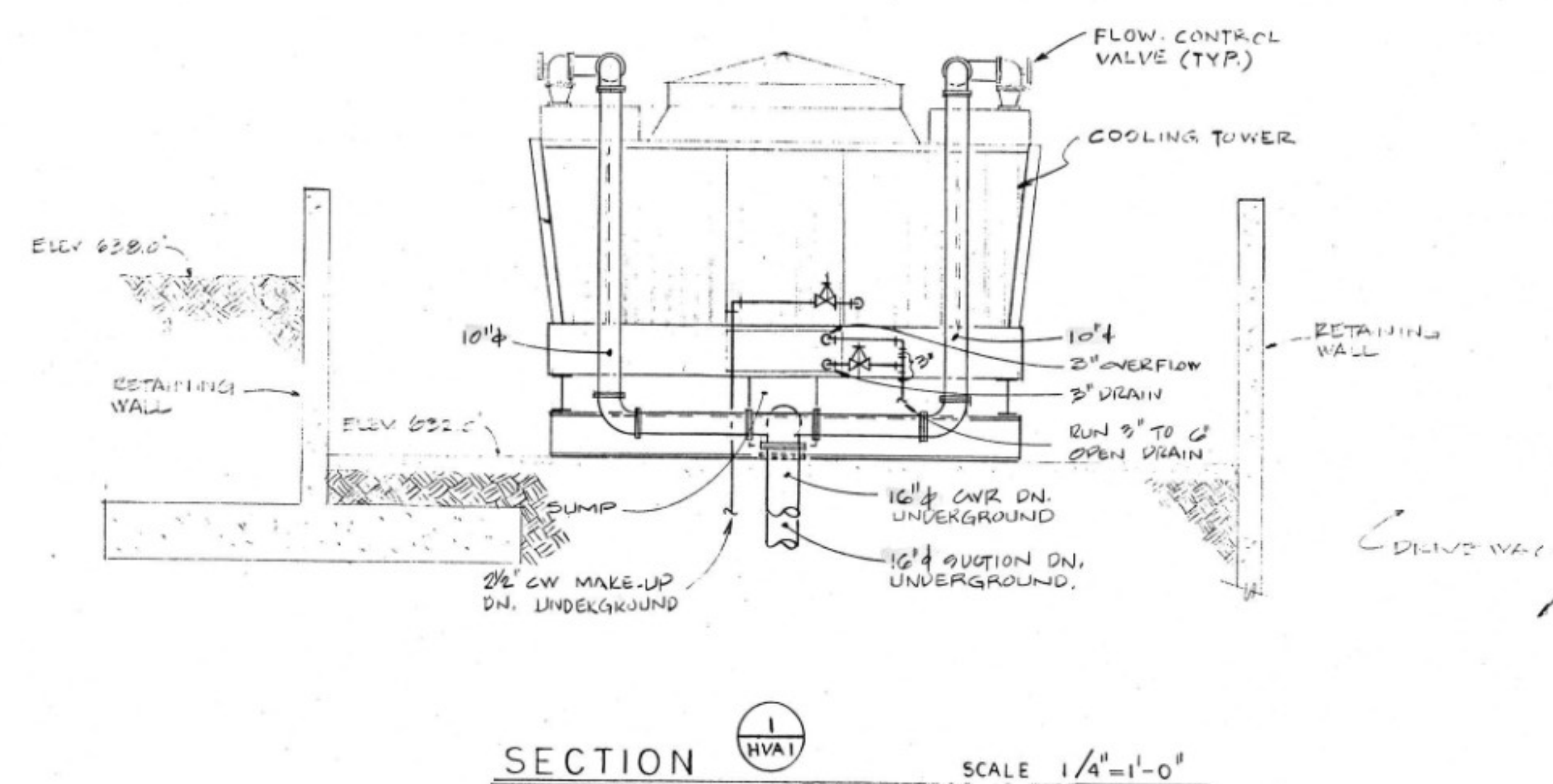




NO.	DATE	DESCRIPTION	AUTHOR
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Phase 1

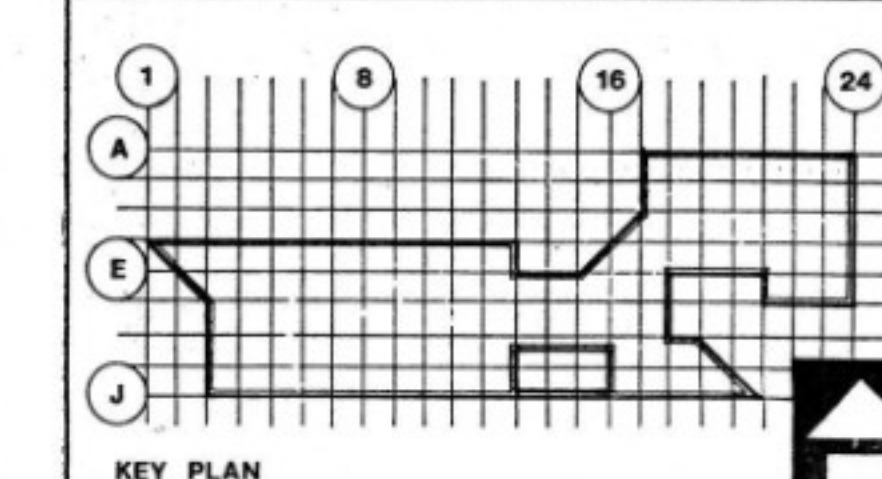
**OAKTON
COMMUNITY
COLLEGE**

Des Plaines, Illinois
District 535

State of Illinois
Capital Development Board
CDB No. 810-072-001

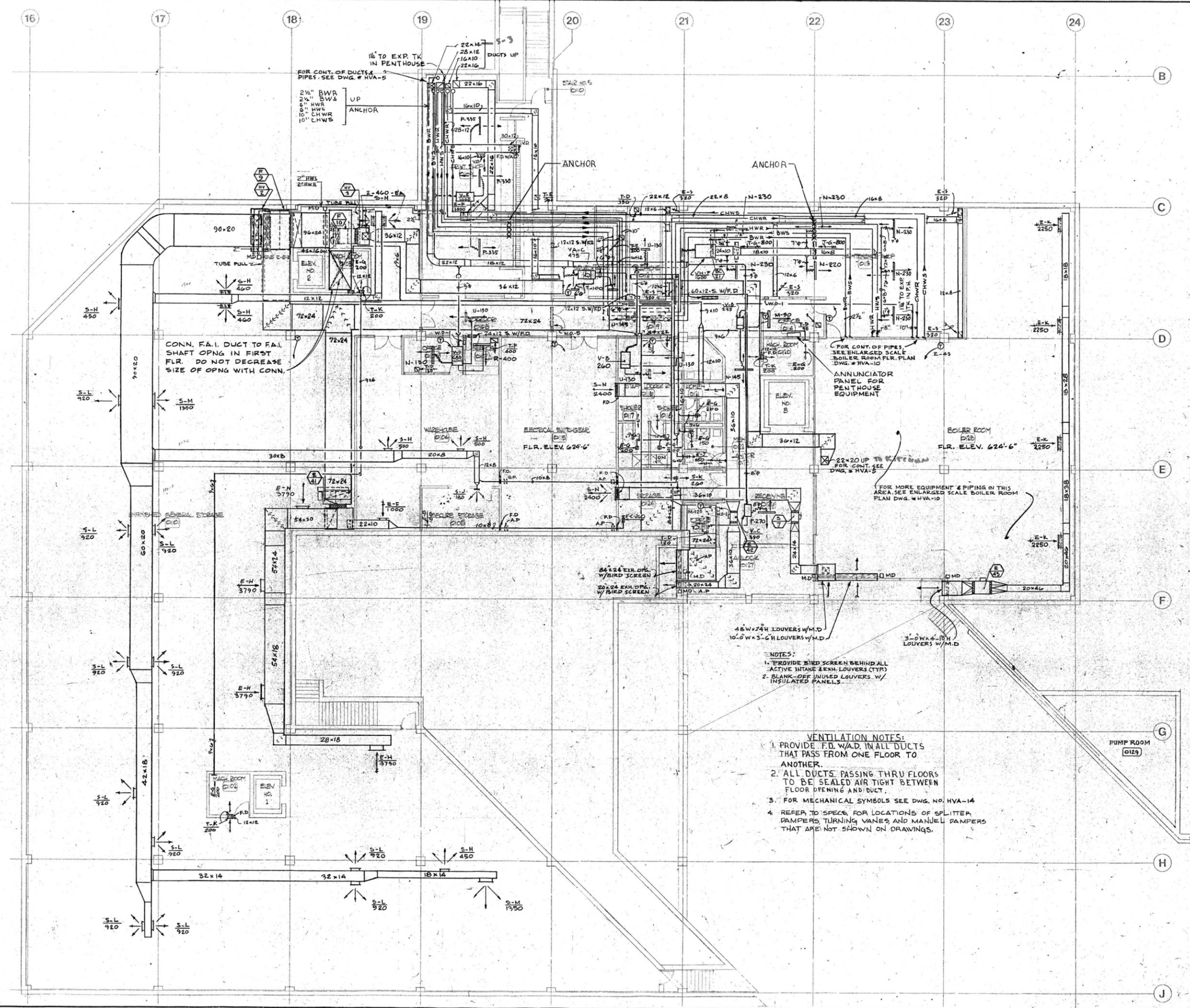
Perkins & Will Architects, Inc.

Environmental Systems Design, Inc.
Specialized Area Consultants, Inc.

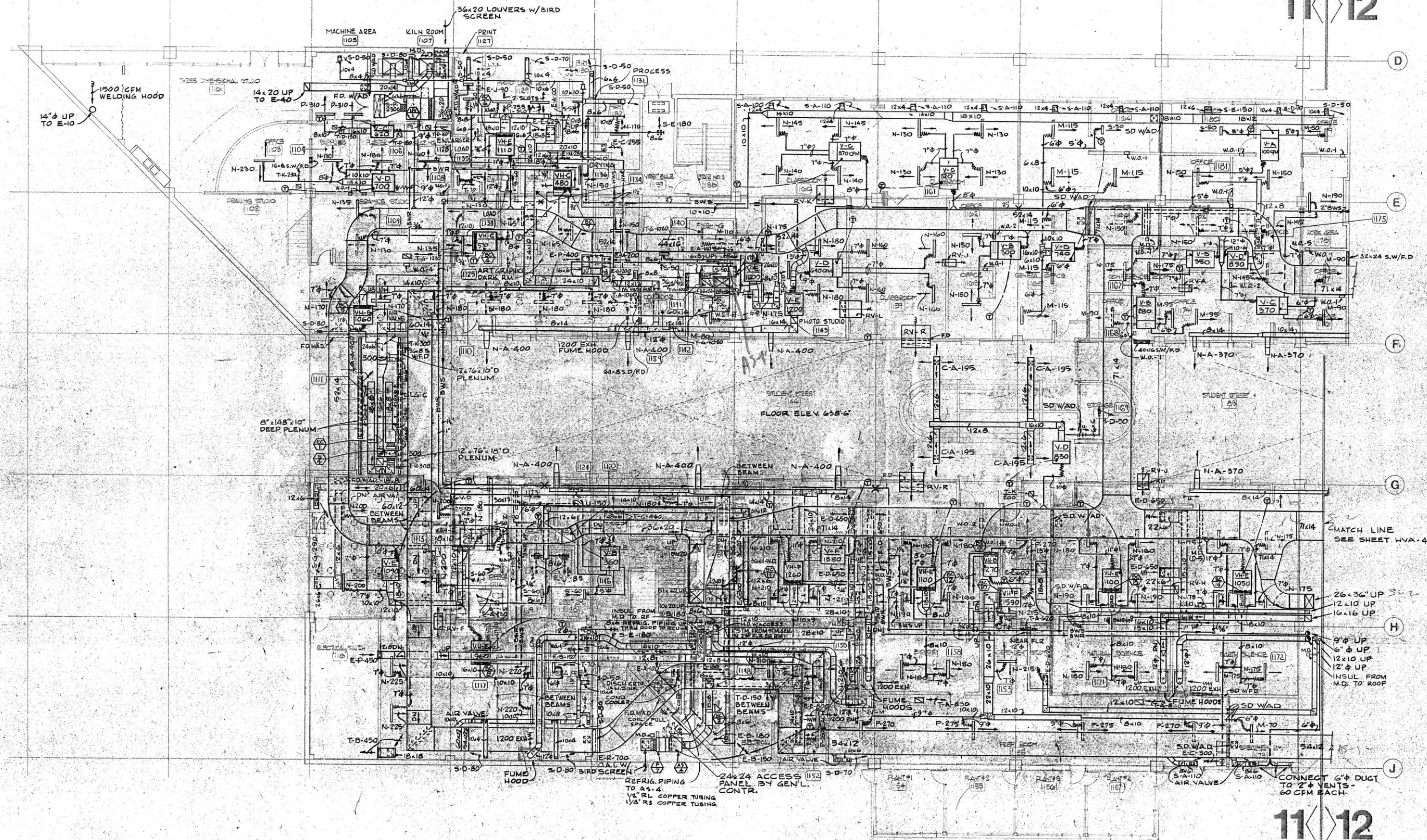


PLAN OF COOLING
TOWER & UNDERGROUND
WATER STORAGE SYSTEM

PROJECT NO	23304	Perkins & Will
DATE	7-26-77	
DRAWN BY		HVA-1
CHECKED BY		
APPROVED BY		

[illegible]

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1. PROVIDE R.F. W/2" IN ALL DUCTS THAT PASS FROM ONE FLOOR TO ANOTHER.
2. ALL DUCTS PASSING THRU FLOORS TO BE SEALED AIR TIGHT BETWEEN FLOOR OPENING AND DUCT.
3. FOR MECHANICAL SYMBOLS SEE DWG. NO. HVA-14.
4. REFER TO SPECS. FOR LOCATIONS OF SPLITTER DAMPERS, TURNING VANES, AND MANUAL DAMPERS THAT ARE NOT SHOWN ON DRAWINGS.

Phase 1

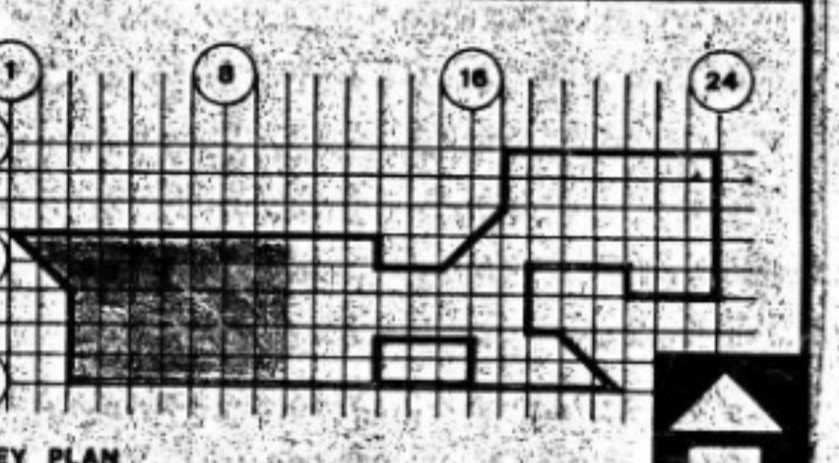
OAKTON COMMUNITY COLLEGE

Des Plaines, Illinois
District 535

State of Illinois
Capital Development Board
CDB No. 810-072-001

Perkins & Will Architects, Inc.

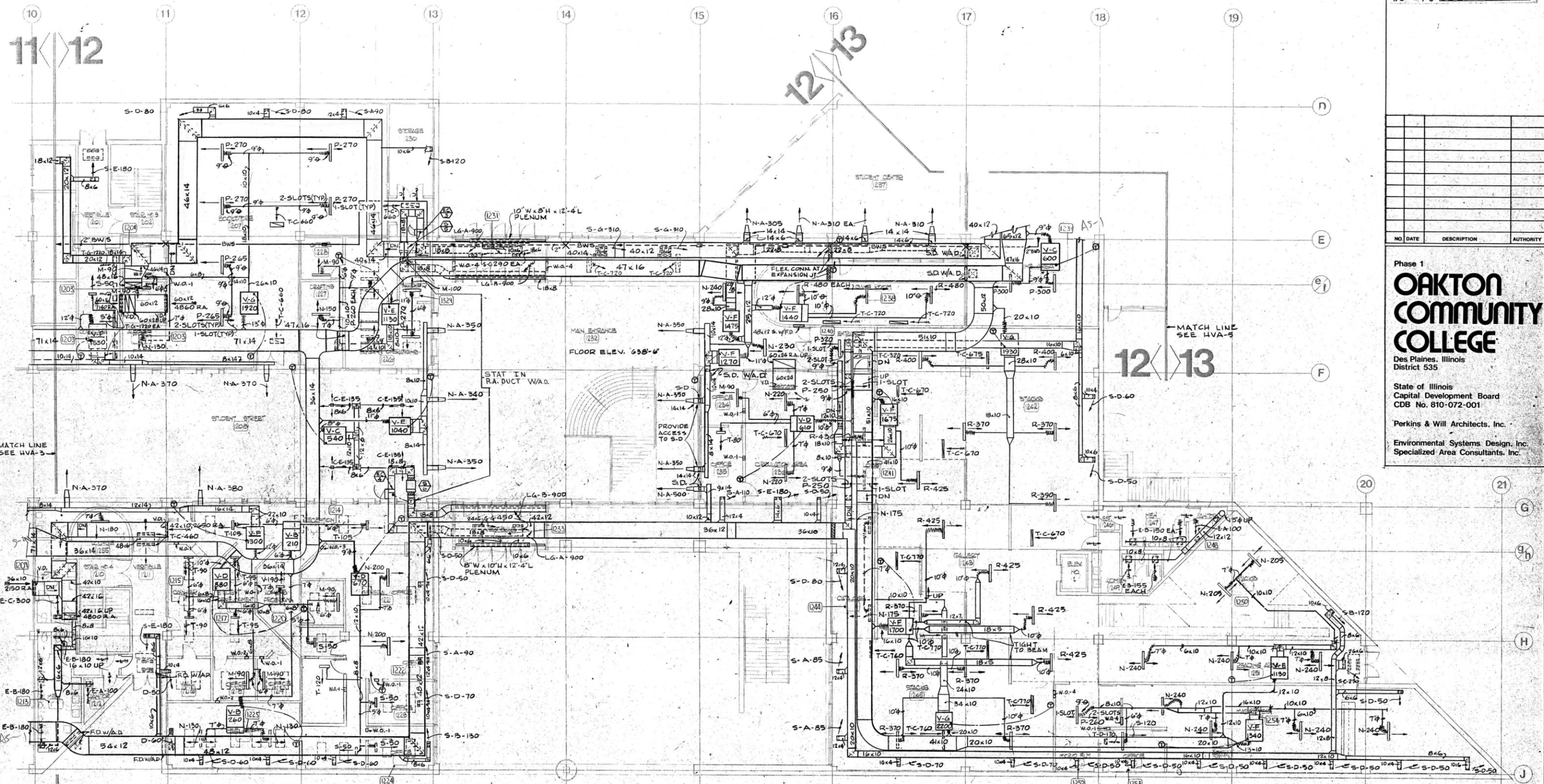
Environmental Systems Design, Inc.
Specialized Area Consultants, Inc.



FIRST FLOOR PLAN

PROJECT NO. 23304	Perkins & Will
DATE 7-26-77	

HECKED BY	HVA-3
PROVED BY	

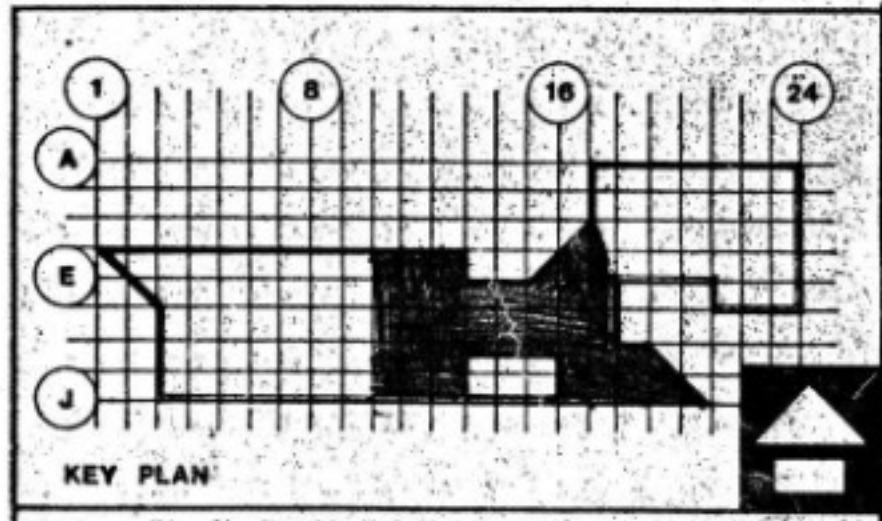


General Notes
Graphic Scale:
1/8" = 1'-0"

NO.	DATE	DESCRIPTION	AUTHORITY

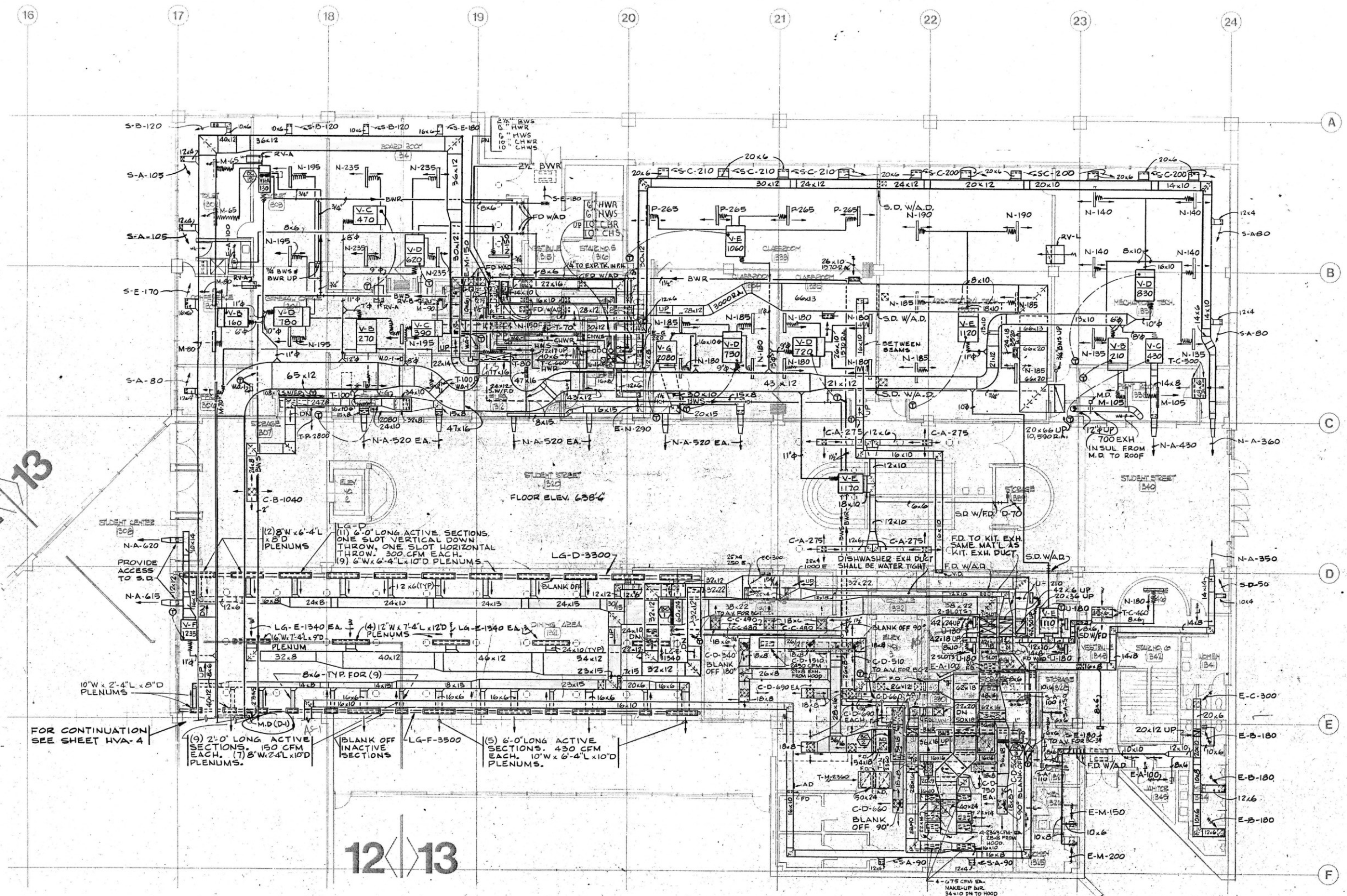
Phase 1
OAKTON COMMUNITY COLLEGE
Des Plaines, Illinois
District 535
State of Illinois
Capital Development Board
CDB No. 810-072-001
Perkins & Will Architects, Inc.
Environmental Systems Design, Inc.
Specialized Area Consultants, Inc.

- VENTILATION NOTES:**
1. PROVIDE F.R. W.A.D. IN ALL DUCTS THAT PASS FROM ONE FLOOR TO ANOTHER.
 2. ALL DUCTS PASSING THRU FLOORS TO BE SEALED AIR TIGHT BETWEEN FLOOR OPENING AND DUCT.
 3. FOR MECHANICAL SYMBOLS SEE DWG. NO. HVA-14.
 4. REFER TO SPECS. FOR LOCATION OF SLUTTER DAMPERS, TURNING VANES AND MANUAL DAMPERS THAT ARE NOT SHOWN ON DRAWINGS.



FIRST FLOOR PLAN

PROJECT NO. 23304	Perkins & Will HVA-4
DATE 7-26-77	
DRAWN BY	
CHECKED BY	
APPROVED BY	

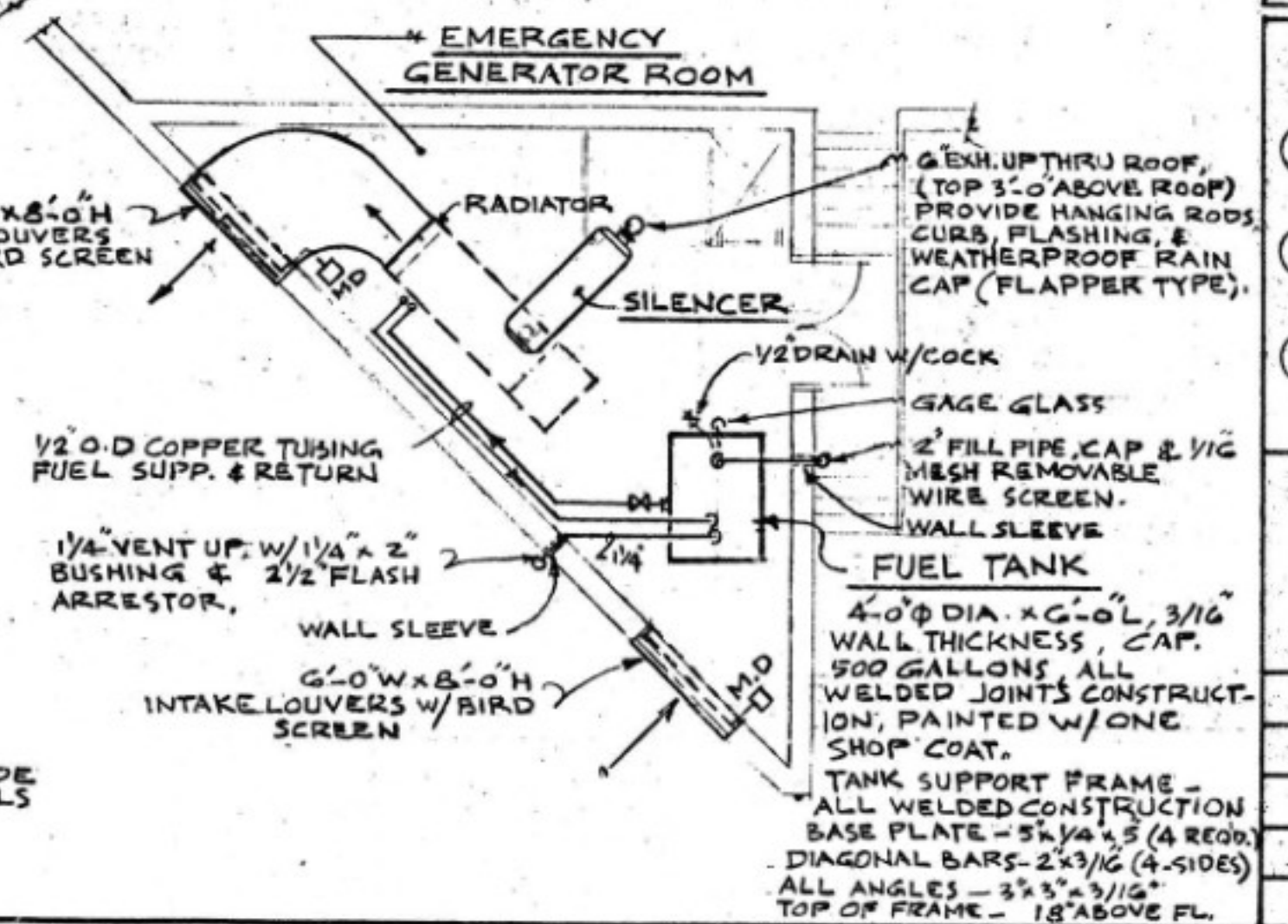


General Notes
Graphic Scale:
1/8" = 1'-0"

Phase 1
**OAKTON
COMMUNITY
COLLEGE**
Des Plaines, Illinois
District 535
State of Illinois
Capital Development Board
CDB No. 810-072-001
Perkins & Will Architects, Inc.
Environmental Systems Design, Inc.
Specialized Area Consultants, Inc.

- VENTILATION NOTES:**
1. PROVIDE F.D. W.A.D. IN ALL DUCTS THAT PASS FROM ONE FLOOR TO ANOTHER
 2. ALL DUCTS PASSING THRU FLOORS TO BE SEALED AIR TIGHT BETWEEN FLOOR OPENING AND DUCT.
 3. FOR MECHANICAL SYMBOLS SEE DWG. NO. HVA-14.
 4. REFER TO SPECS. FOR LOCATIONS OF SPLITTER DAMPERS, TURNING VANES, AND MANUAL DAMPERS THAT ARE NOT SHOWN ON DRAWINGS.

- NOTES: (EMERGENCY GENERATOR)**
1. AIR INTAKE & EXH. MOTOR DAMPERS SHALL BE CONNECTED W/ AUXILIARY RELAY PROVIDED BY EMERGENCY GENERATOR MFR.
 2. ON ENGINE START, INTAKE & EXH. DAMPERS SHALL OPEN & CLOSE AT ENGINE STOP.
 3. ALL WORK DONE IN CONNECTION W/ HOOK UP OF EMERGENCY GENERATOR SHALL MEET THE REQUIREMENTS OF UNIT MFR.
 4. INSULATE EXH. PIPE & SILENCER W/ 2" THICK INSULATION, TYPE SAME AS SPECIFIED FOR KITCHEN EXHAUST DUCT.
 5. PROVIDE PROTECTION FOR FUEL LINES.
 6. CAULK AROUND WALL SLEEVES.
 7. ALL DAMPERS & MOTOR CONTROLS TO BE PROVIDED & INSTALLED BY TEMP. CONTROL CONTRACTOR.
 8. ALL MECHANICAL WORK INDICATED IN GENERATOR ROOM TO BE CONSIDERED PART OF ALTERNATE #2. IF ALTERNATE IS NOT ACCEPTED, THE MECH. CONTRACTOR TO PROVIDE & INSTALL ALL BLANK-OFF INSULATED PANELS FOR THE ENTIRE LOUVERS.



KEY PLAN

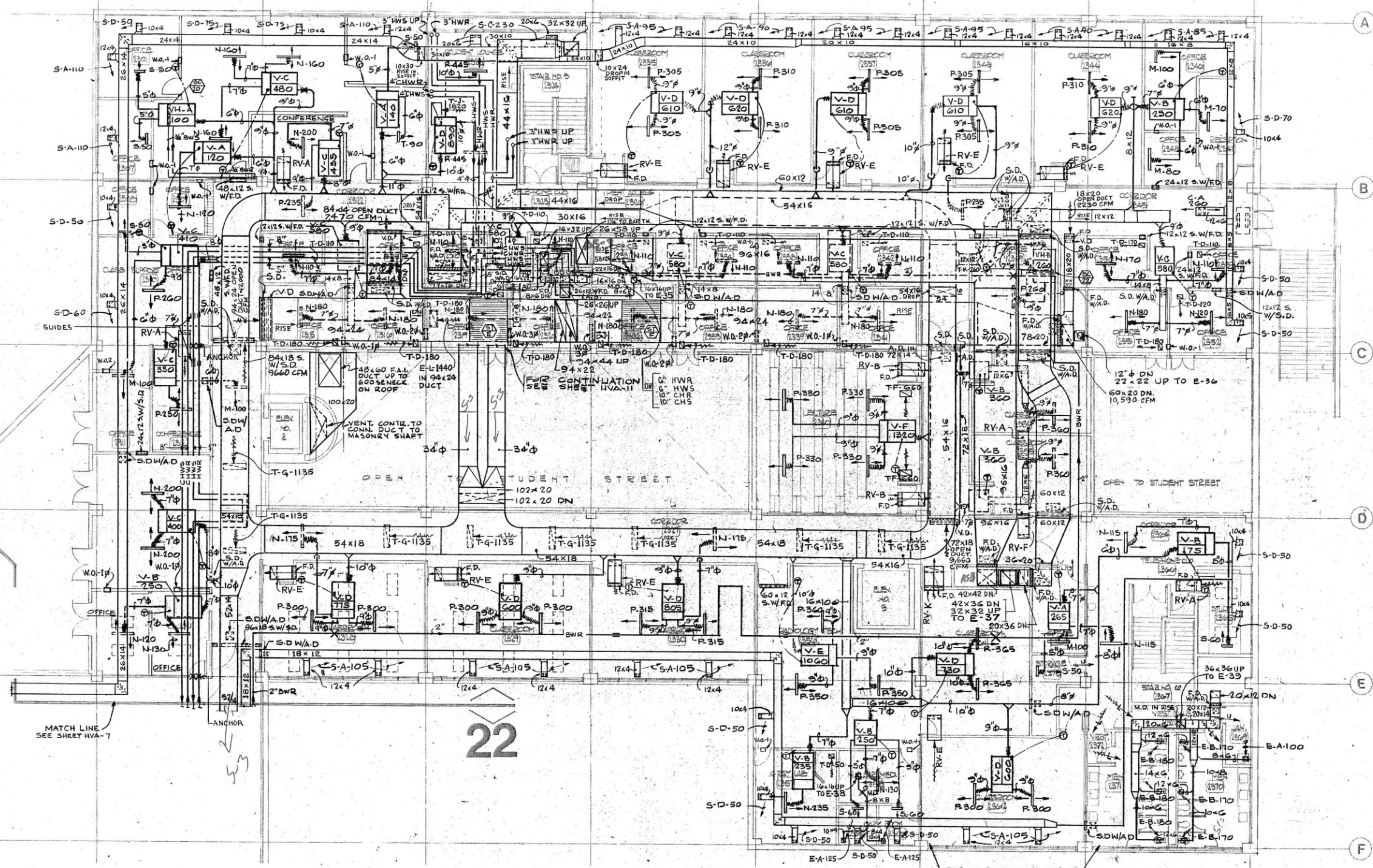
FIRST FLOOR PLAN

PROJECT NO. 23304
DATE 7-26-77
DRAWN BY
CHECKED BY
APPROVED BY

Perkins & Will
HVA-5

22/23

22

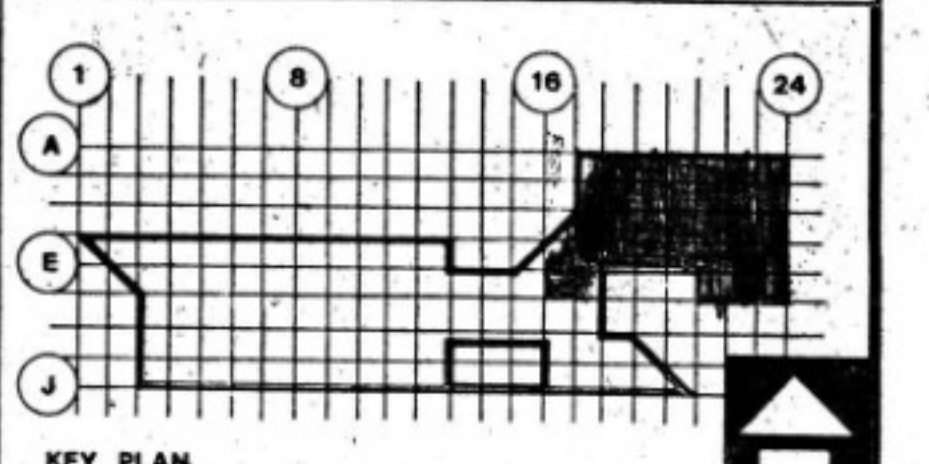


- VENTILATION NOTES:**
1. PROVIDE FD W/AR IN ALL DUCTS THAT PASS FROM ONE FLOOR TO ANOTHER
 2. ALL DUCTS PASSING THRU FLOORS TO BE SEALED AIR TIGHT BETWEEN FLOOR OPENING AND DUCT.
 3. FOR MECHANICAL SYMBOLS SEE DWG. NO. HVA-14.
 4. REFER TO SPECS. FOR LOCATIONS OF SPLITTER DAMPERS TURNING VANES AND MANUAL DAMPERS THAT ARE NOT SHOWN ON DRAWINGS.

General Notes
Graphic Scale:
1/8" = 1'-0"

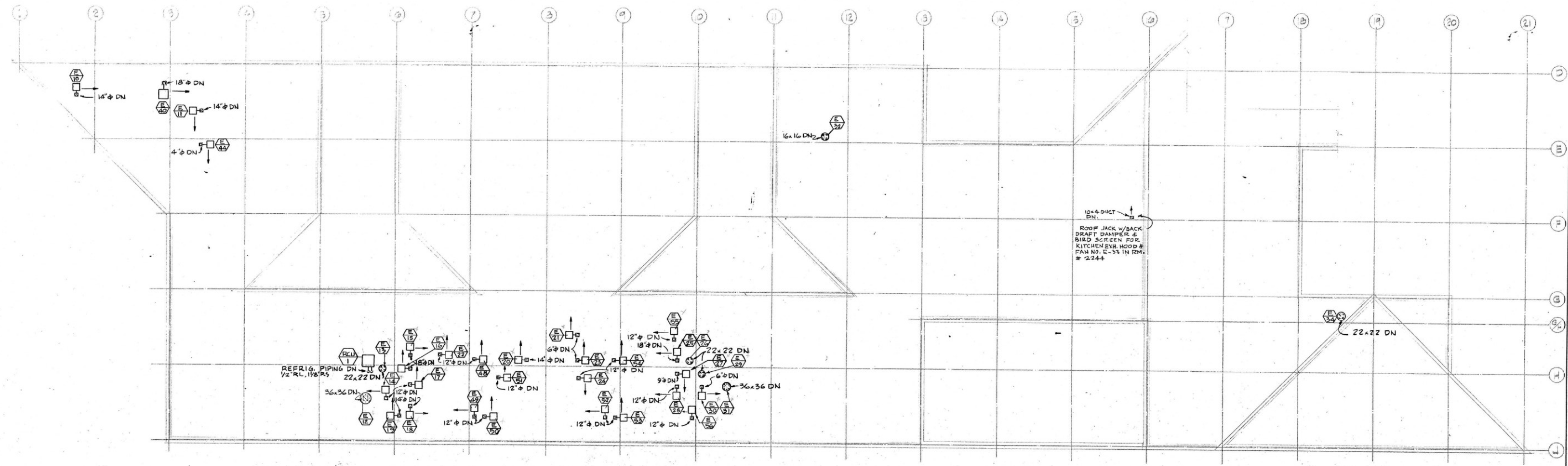
Phase 1
**OAKTON
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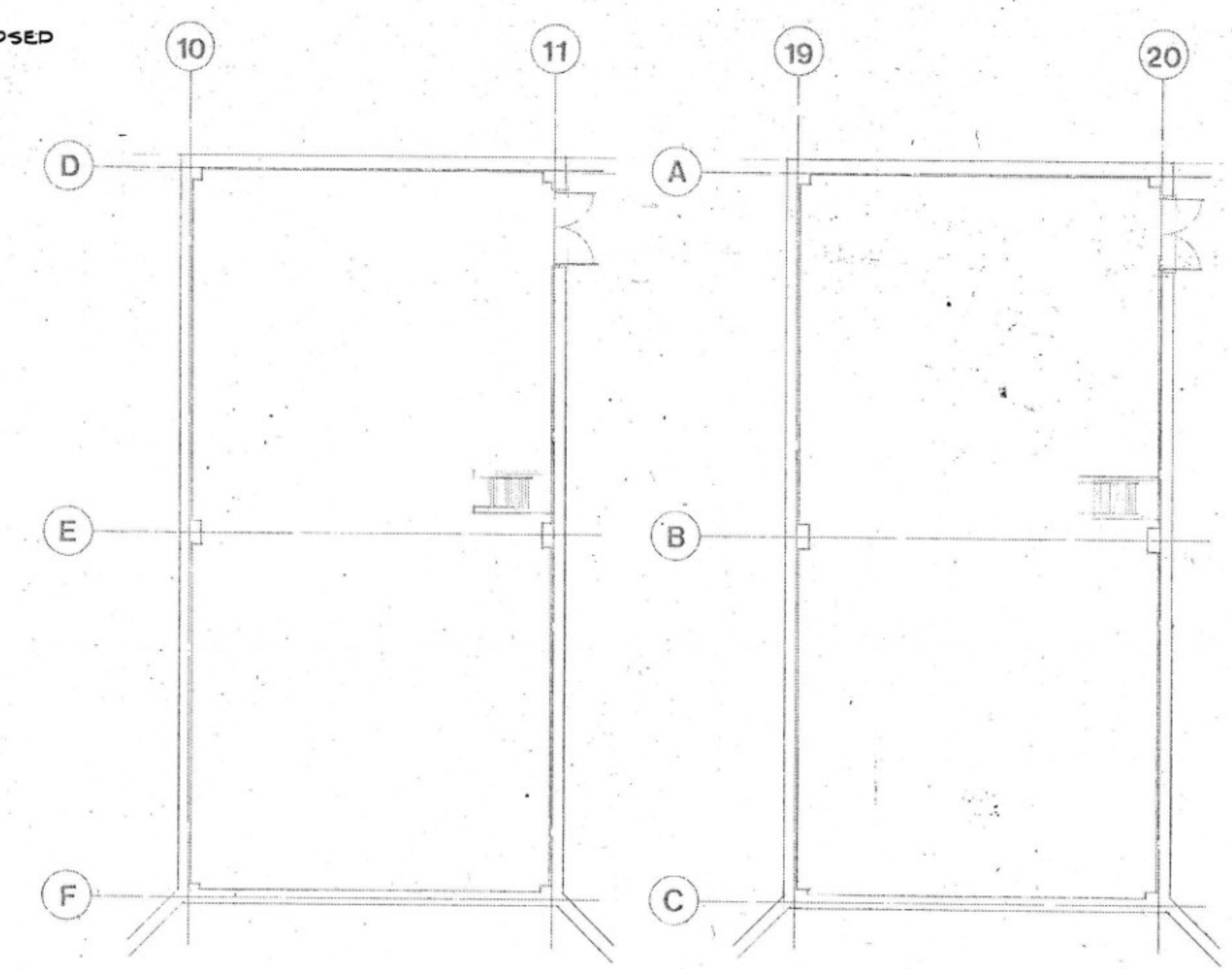
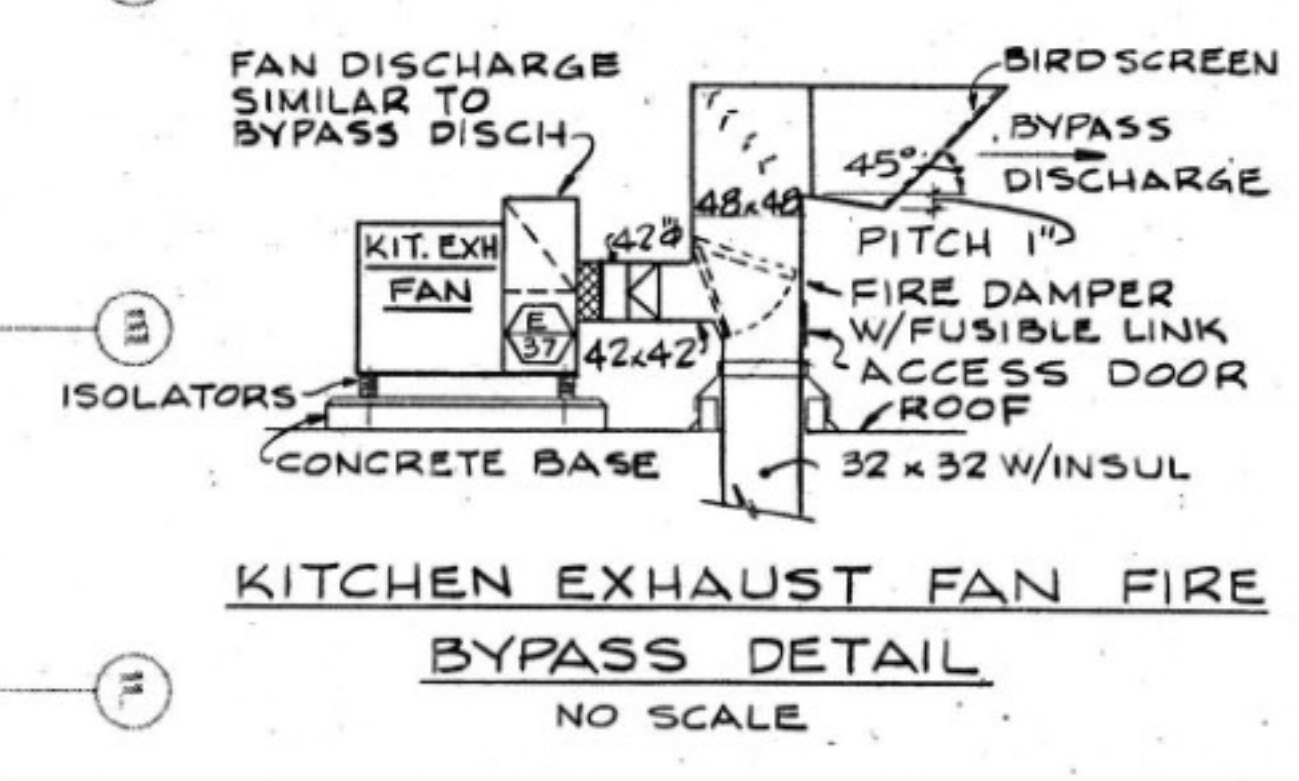
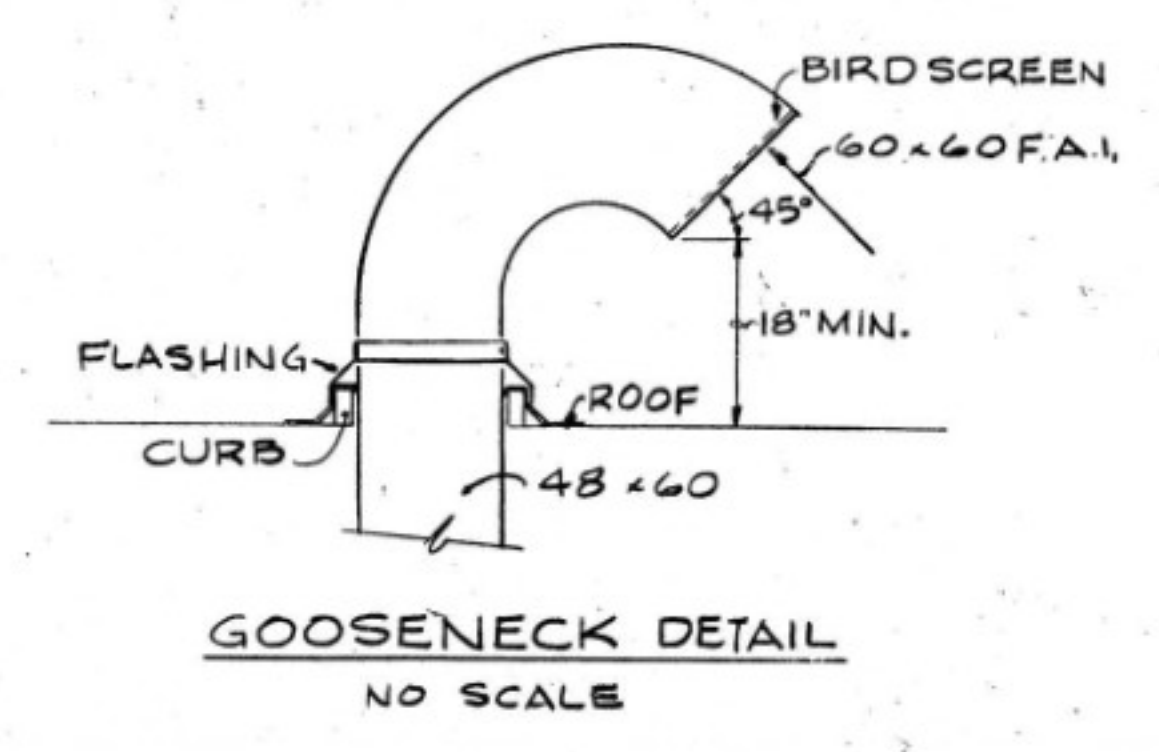
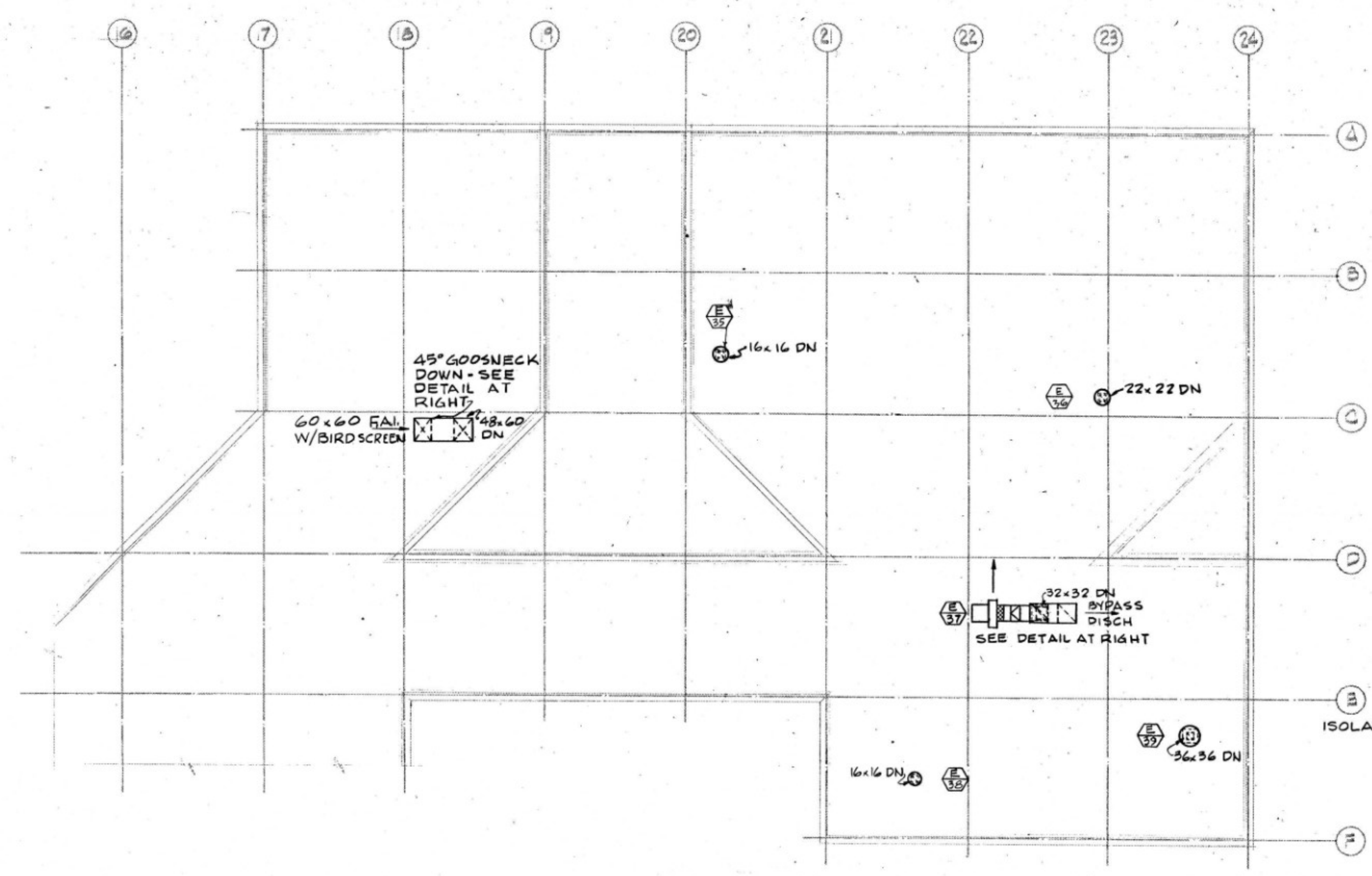


SECOND FLOOR PLAN

PROJECT NO. 23304	Perkins & Will
DATE 7-26-77	
DRAWN BY	
CHECKED BY	
APPROVED BY	HVA-18



- VENTILATION NOTES:**
1. ALL EXHAUST FANS EXCEPT ROOF EXHAUSTERS TO BE MOUNTED ON VIBRATION ISOLATORS ON 6" HIGH CONCRETE PADS. SEE KITCHEN EXH. FAN DETAIL BELOW.
 2. ALL TOP HORIZONTAL DISCH FANS TO HAVE SHEET METAL DISCHARGE DUCTS W/BIRD SCREEN. SEE KIT. EXH. DETAIL BELOW.
 3. PROVIDE CURBS W/FLASHING FOR ALL EXPOSED DUCTS THRU ROOF. SEE GOOSENECK DETAIL BELOW.

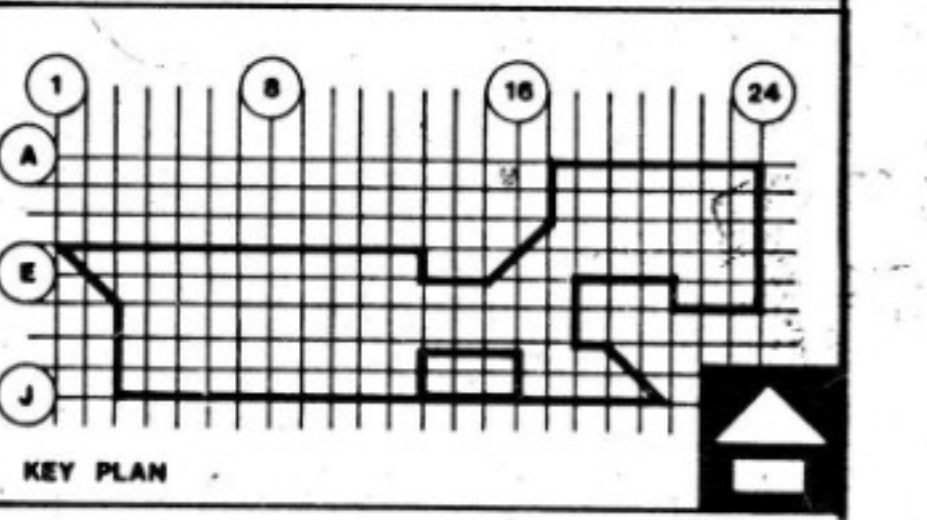


General Notes
 Graphic Scale:
 1/16" = 1'-0"

Phase 1
OAKTON COMMUNITY COLLEGE
 Des Plaines, Illinois
 District 535

State of Illinois
 Capital Development Board
 CDB No. 810-072-001

Perkins & Will Architects, Inc.
 Environmental Systems Design, Inc.
 Specialized Area Consultants, Inc.



ROOF PLAN

PROJECT NO. 23304	Perkins & Will
DATE 7-26-77	
DRAWN BY	
CHECKED BY	
APPROVED BY	HVA-9