

PHILADELPHIA ARCHITECTS
STONOROV AND HAWS

PHILADELPHIA ARCHITECTS
STONOROV AND HAWS
CONSULTING ENGINEER: URBAN ENGINEERS, INC.
CONSULTING ENGINEER: CONROBERT CONSULTANTS, INC.

JOHN F. HARTMAN COMMUNITY SCHOOL
8TH AND CUMBERLAND STREETS
PHILADELPHIA, PA.
THE BOARD OF PUBLIC EDUCATION
BUILDING NO. 19C
PROJECT D-P
232

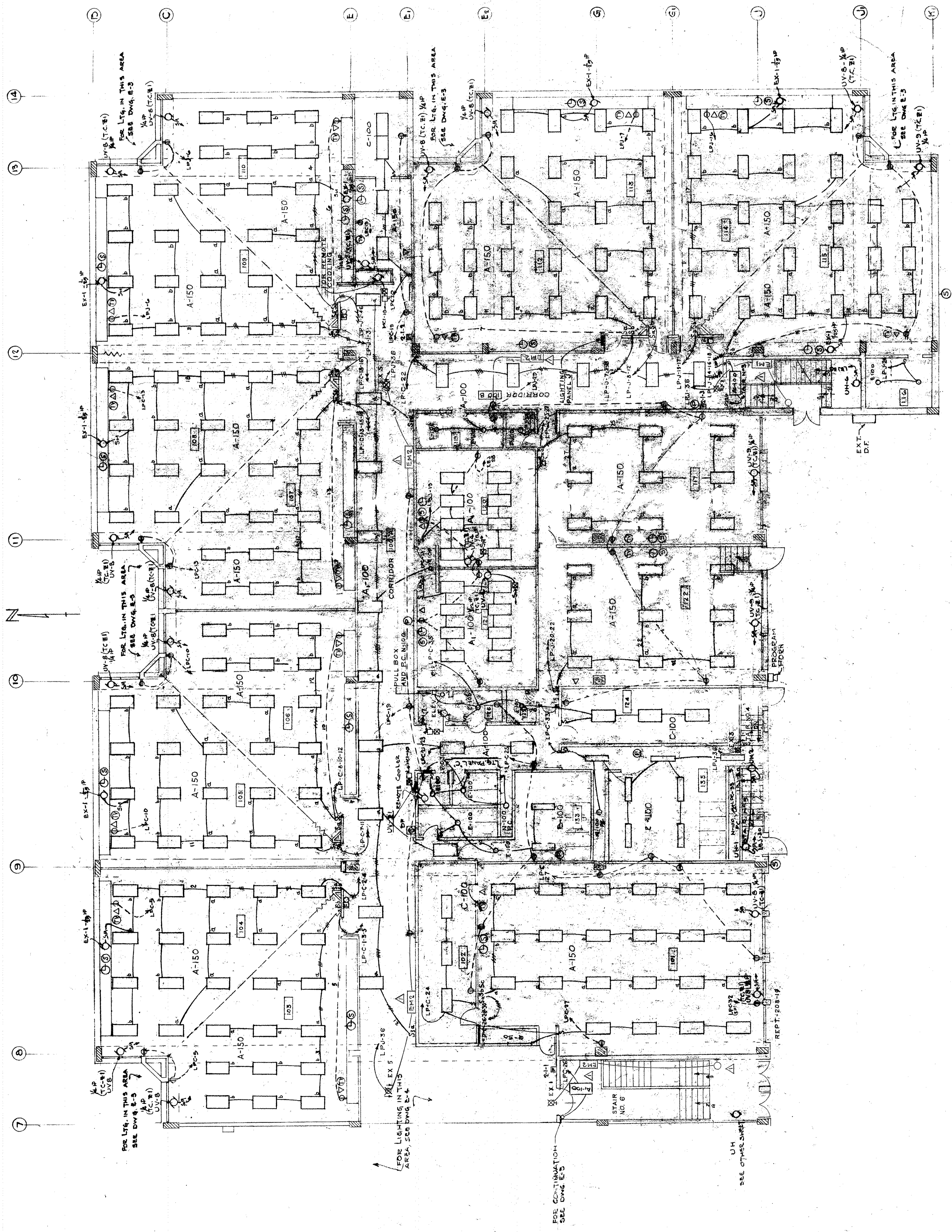
NO.	REVISIONS
1	REVISED FOR CONSTRUCTION
2	REVISED FOR CONSTRUCTION
3	REVISED FOR CONSTRUCTION
4	REVISED FOR CONSTRUCTION
5	REVISED FOR CONSTRUCTION
6	REVISED FOR CONSTRUCTION
7	REVISED FOR CONSTRUCTION
8	REVISED FOR CONSTRUCTION
9	REVISED FOR CONSTRUCTION
10	REVISED FOR CONSTRUCTION

SCALE: 1/8" = 1'-0"
DATE: APRIL 29, 1967
CHECKED: R.A.K.
DRAWN: E.S.

E 2

SYMBOLS & ABBREVIATIONS ~ MOUNTING HEIGHTS

- INCANDESCENT CEILING OUTLET 6'-6"
- ◊ INCANDESCENT CEILING BRACKET 6'-6"
- FLOURESCENT LIGHT FIXTURE 7'-6"
- ▬ FLOURESCENT STRIP 7'-6"
- ⊙ EXIT FIXTURE 7'-6"
- ⊙ EXIT FIXTURE w/ DIRECTIONAL ARROW 7'-6"
- ▲ FIXTURE TYPE, VOLTAGE & % CONTROL 4'-6" & AB FF
- △ LOCAL SWITCH - SINGLE POLE 4'-6" & AB FF
- ▽ LOCAL SWITCH - 3 WAY 4'-6" & AB FF
- ▽ LOCAL SWITCH - 4 WAY 4'-6" & AB FF
- ▬ LIGHTING PANEL 6'-0" TO TOP
- ▬ POWER PANEL 6'-0" TO TOP
- BRANCH CIRCUIT WIRING IN OR ABOVE CEILING CONSTRUCTION/NO. OF WIRES
- BRANCH CIRCUIT WIRING IN OR BELOW FLOOR CONSTRUCTION
- ⊠ FIRE ALARM STATION 4'-6"
- ⊠ FIRE ALARM GONG 8'-0"
- ⊠ EMERGENCY LIGHTING UNIT - NUMERICAL INDICATES NUMBER OF HEADS. 8'-0"
- ⊠ INTERCOM TELEPHONE STATION/CLASSROOM WALL 5'-0"
- ⊠ INTERCOM TELEPHONE STATION/DESK 1'-6"
- ⊠ BELL TELEPHONE STATION 1'-6"
- ⊠ BELL TELEPHONE PAY STATION 4'-6"
- ⊠ CLOCK OUTLET 8'-0"
- ⊠ PROGRAM BUZZER 8'-0"
- ⊠ SPEAKER OUTLET/WALL 8'-0"
- ⊠ TV OUTLET 1'-6"
- ⊠ TV PROGRAM ORIGINATOR 1'-6"
- ⊠ BUZZER 8'-0"
- ⊠ BELL, DOOR 8'-0"
- ⊠ PUSH BUTTON SIGNAL (WALL) 4'-6"
- ⊠ HOERN, EXTERNAL 10'-0" AB. GROUND
- ⊠ SOLID CONNECTION TO EQUIPMENT 12" AB. FLOOR
- ⊠ DUPLEX RECEPTACLE 12" AB. FLOOR
- ⊠ DUPLEX RECEPTACLE/PILOT LIGHT, 6797
- ⊠ HOE RUN TO LIGHTING PANEL 'A' INDICATING CIRCUIT NO., NO. OF CIRCUITS (ARROWS), NO. OF WIRES (SLASHES)
- ⊠ AUTODE OUTLET 5'-0" & AB. FF
- ⊠ SAFETY SWITCH 7'-0"
- ⊠ MAGNETIC STARTER 7'-0"
- ⊠ AUTODE SWITCH - THERMAL PROTECTION 7'-0"
- ⊠ ALTERNATOR 7'-0"
- ⊠ PUSH BUTTON STATION 7'-0"
- ⊠ UNIT HEATER 7'-0"
- ⊠ UNIT VENTILATOR 7'-0"
- ⊠ CLOCK CONTACT & STATION 7'-0"
- ⊠ FAN COIL
- ⊠ EXHAUST FAN
- ⊠ AUTOMATIC TEMPERATURE CONTROL
- ⊠ FIRESTAT
- ⊠ FREEZE/STAT
- ⊠ FLOAT SWITCH
- ⊠ PRESSURE SWITCH
- ⊠ ZOLONDO VALVE
- ⊠ SWITCH FOR REMOTE CONTROL OF FLOOD LIGHTING.
- ⊠ OVERLOAD
- ⊠ COMBUSTION DETECTOR
- ⊠ INDICATES CONTROL EQUIPMENT FURNISHED WITH MECHANICAL EQUIPMENT

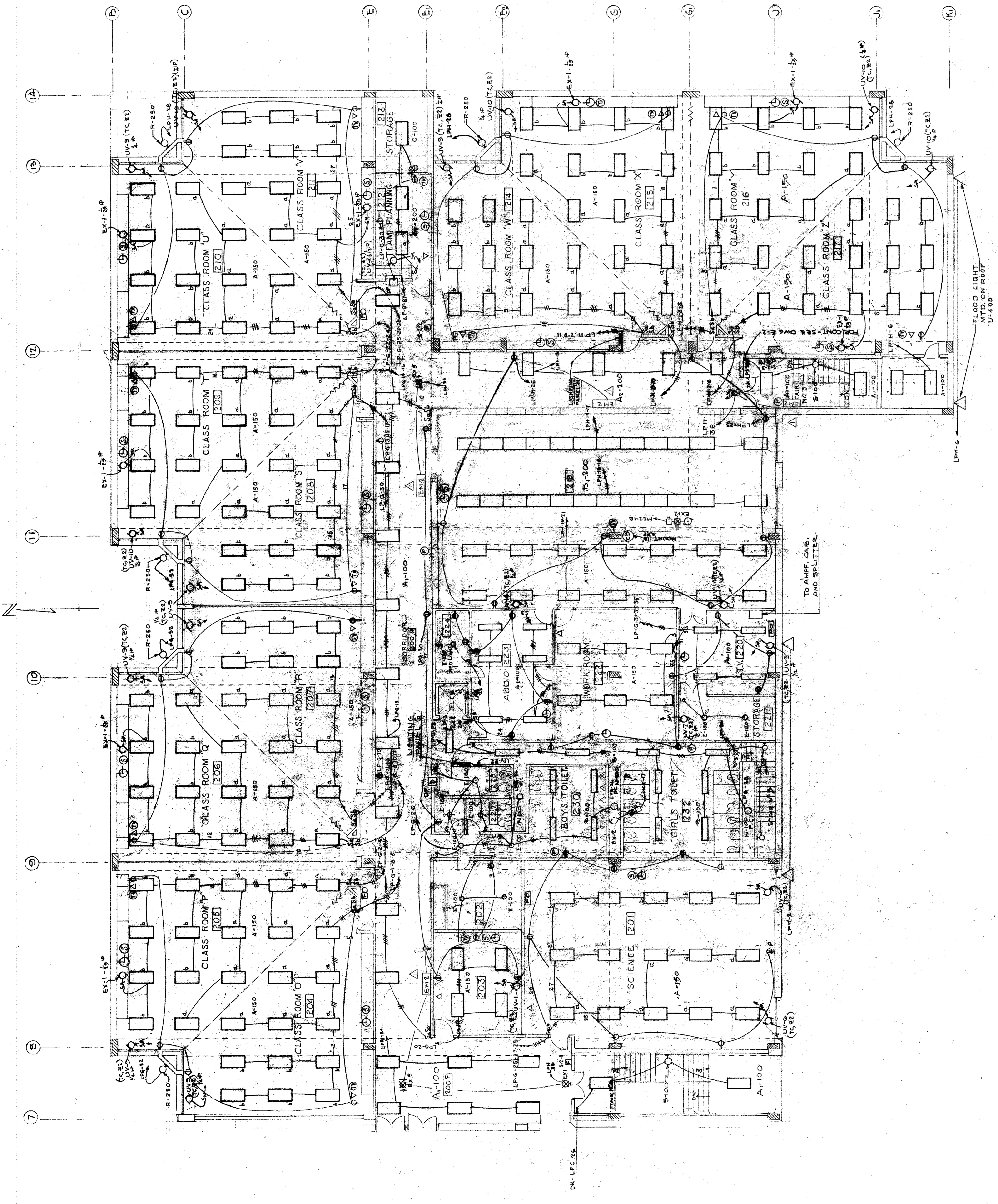
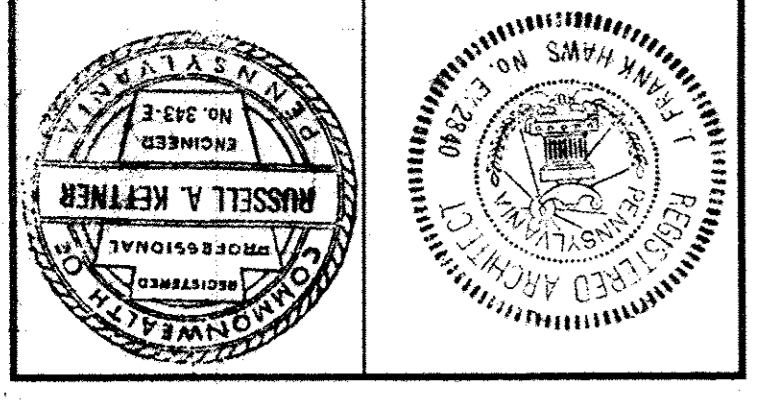


DATE	APRIL 20, 1967
CHECKED	RAY
DRAWN	E.E.S.
SCALE	1/4" = 1'-0"

CLASSROOM WING, UPPER LEVEL	
NO.	
REVISIONS	
REVISED BY	
DATE	

JOHN F. HARTMAN COMMUNITY SCHOOL
 8TH AND CUMBERLAND STREETS
 PHILADELPHIA, PA.
 THE BOARD OF PUBLIC EDUCATION
 BUILDING NO. 19C TYPE 232
 PROJECT D-P

STONOROV AND HAWS ARCHITECTS
 PHILADELPHIA
 URBAN ENGINEERS, INC.
 CONSULTING ENGINEER, ENGINEERED CONSULTANTS, INC.
 PENNSYLVANIA

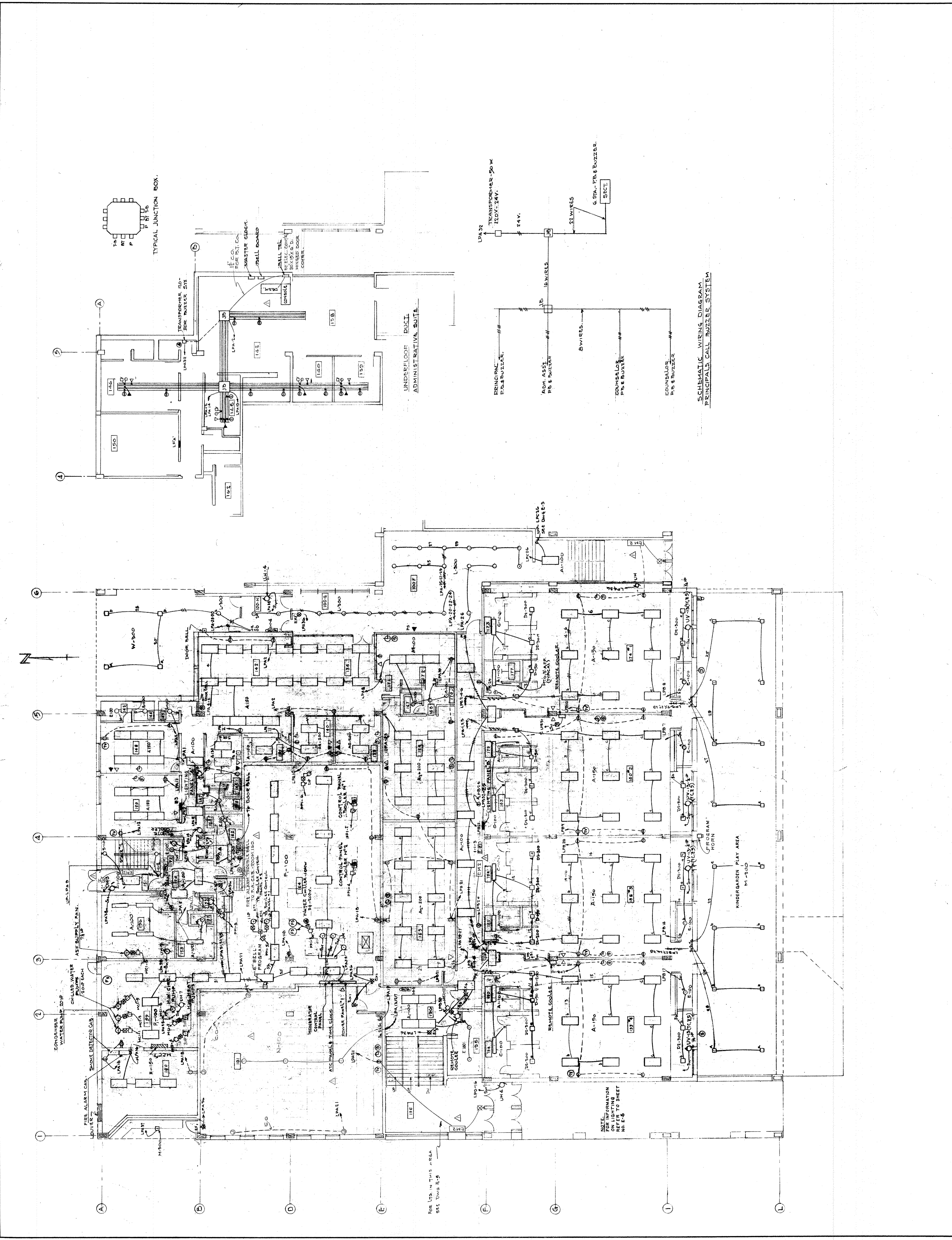
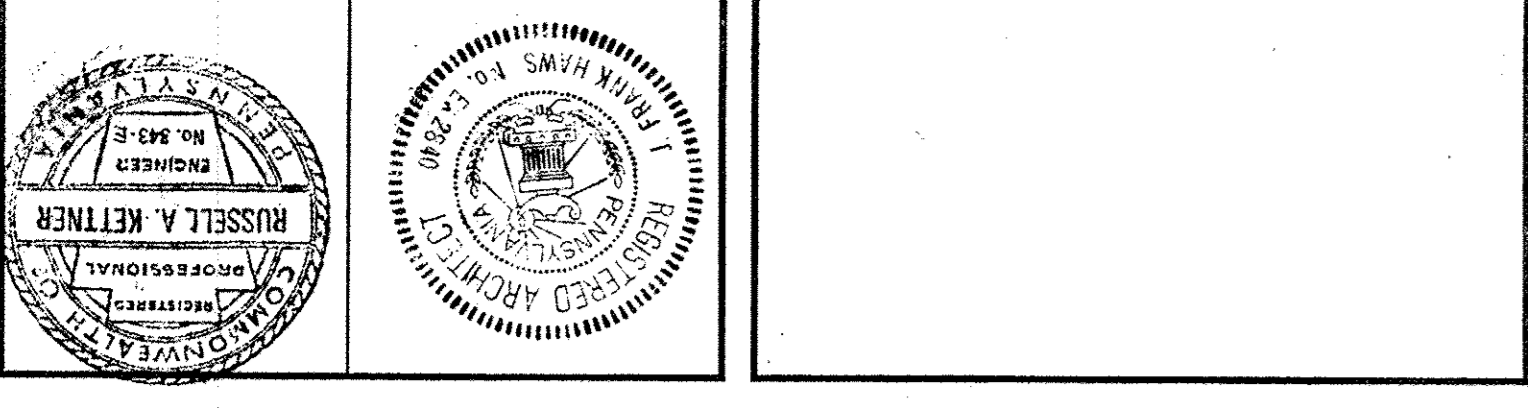


DATE	APRIL 26, 1967
SCALE	1/4" = 1'-0"
DRAWN	E.S.
CHECKED	N.A.V.
NO.	1
REVISIONS	
DATE	
BY	

COMMUNITY WING, LOWER LEVEL	
NO.	
REVISIONS	
DATE	
BY	

JOHN F. HARRANFT COMMUNITY SCHOOL
 8TH AND CUMBERLAND STREETS
 PHILADELPHIA, PA.
 THE BOARD OF PUBLIC EDUCATION
 PROJECT D-P
 TYPE 232
 DRAWING NO. 19C

STONOROV AND HAWS ARCHITECTS
 PHILADELPHIA
 URBAN ENGINEERS, INC.
 CONSULTING ENGINEERS
 REGISTERED CONSULTANTS, INC.
 PENNSYLVANIA

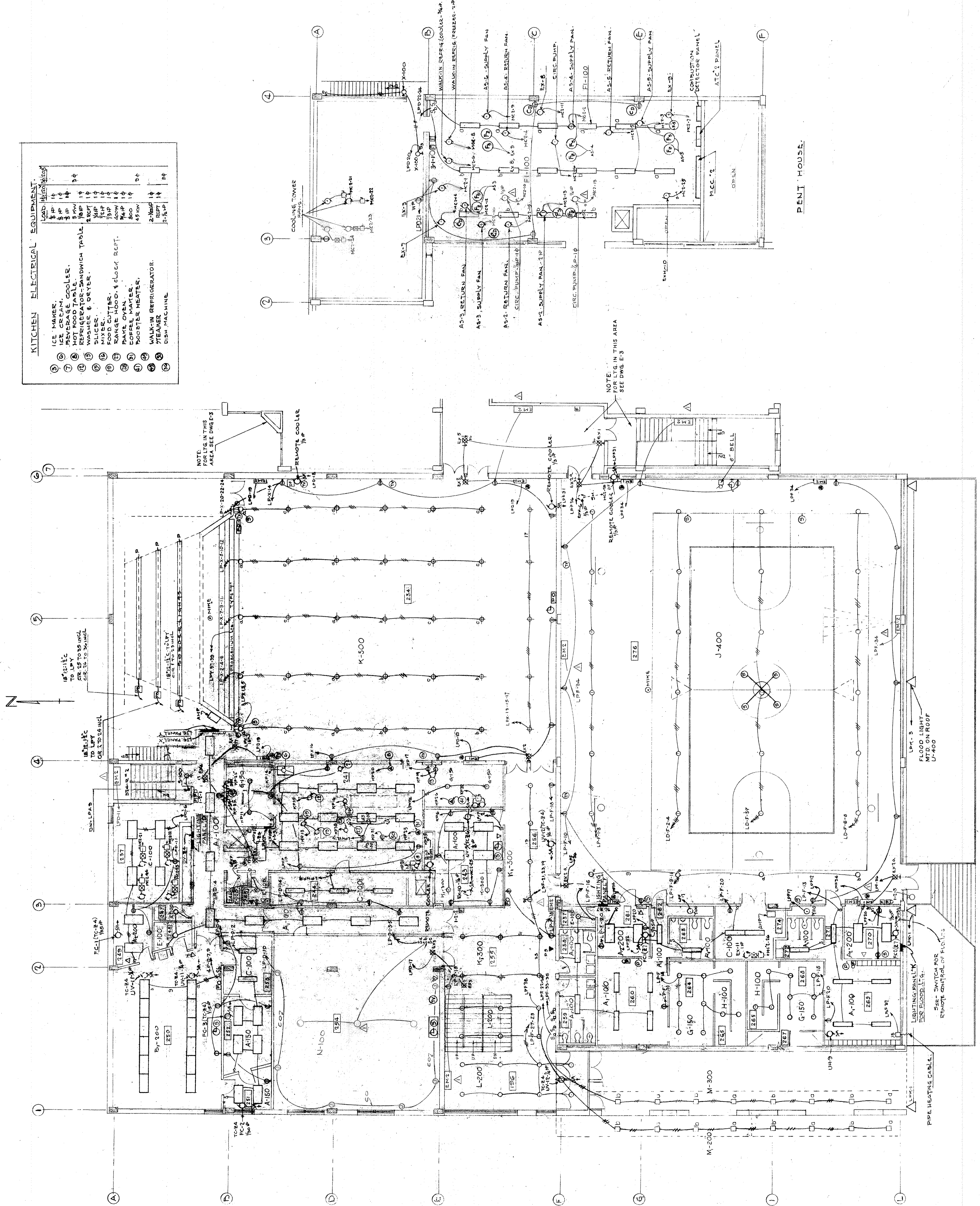
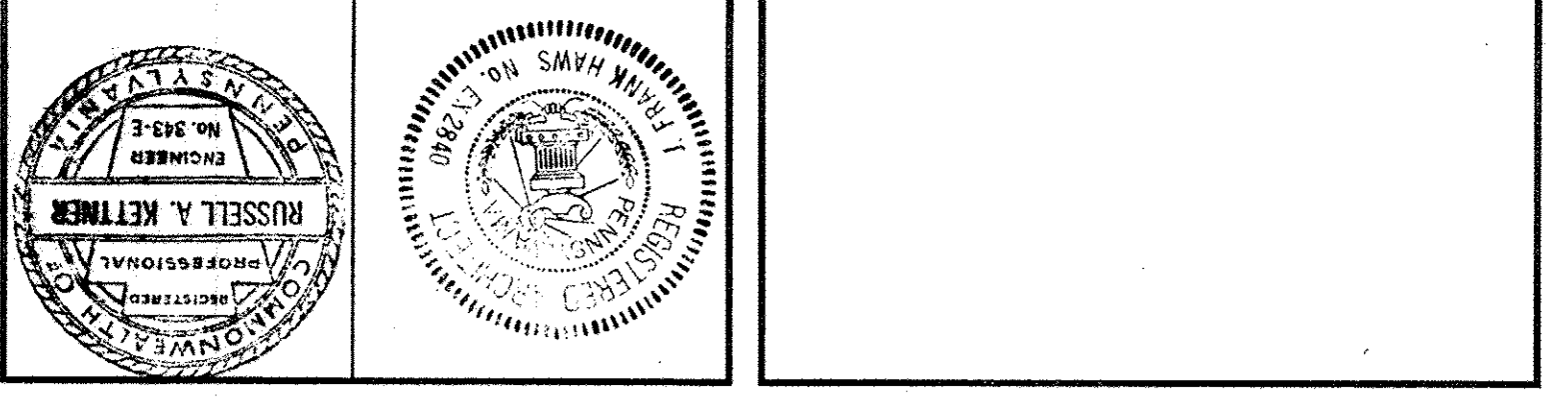


SCALE	1/8" = 1'-0"
DATE	APRIL 28, 1967
CHECKED	R.A.M.
DRAWN	E.S.

COMMUNITY WING, UPPER LEVEL	
NO.	
REVISIONS	
DATE	

JOHN F. HARTMAN COMMUNITY SCHOOL
 8TH AND CUMBERLAND STREETS
 PHILADELPHIA, PA.
 THE BOARD OF PUBLIC EDUCATION
 PROJECT D-P
 BUILDING NO. 19C TYPE 232

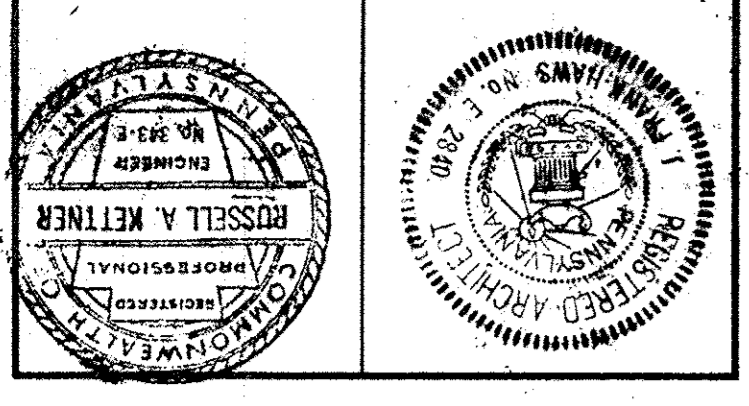
STONOROV AND HAWS ARCHITECTS
 PHILADELPHIA PENNSYLVANIA
 STRUCTURAL ENGINEER: URSKIN ENGINEERS, INC.
 CONSULTING ENGINEER: CONSOLIDATED CONSULTANTS, INC.
 LANDSCAPE CONSULTANT:



KITCHEN ELECTRICAL EQUIPMENT.

NO.	DESCRIPTION	LOAD (KVA)
1	ICE MAKER	1/2
2	ICE CREAM MAKER	1/2
3	HOT FOOD TABLE	3/4
4	REFRIGERATOR-SANDWICH TABLE	2
5	WASHER & DRYER	1/2
6	SLICER	1/2
7	FOOD CUTTER	1/2
8	RANGE HOOD & CLOCK REPT.	1/2
9	RANGE OVEN	1/2
10	COFFEE MAKER	1/2
11	HOOPER HEATER	1/2
12	WALK-IN REFRIGERATOR	1/2
13	TEAEMER	1/2
14	DISH MACHINE	1/2

COMMUNITY WING - UPPER LEVEL



PHILADELPHIA ARCHITECTS
STONOROV AND HAWS

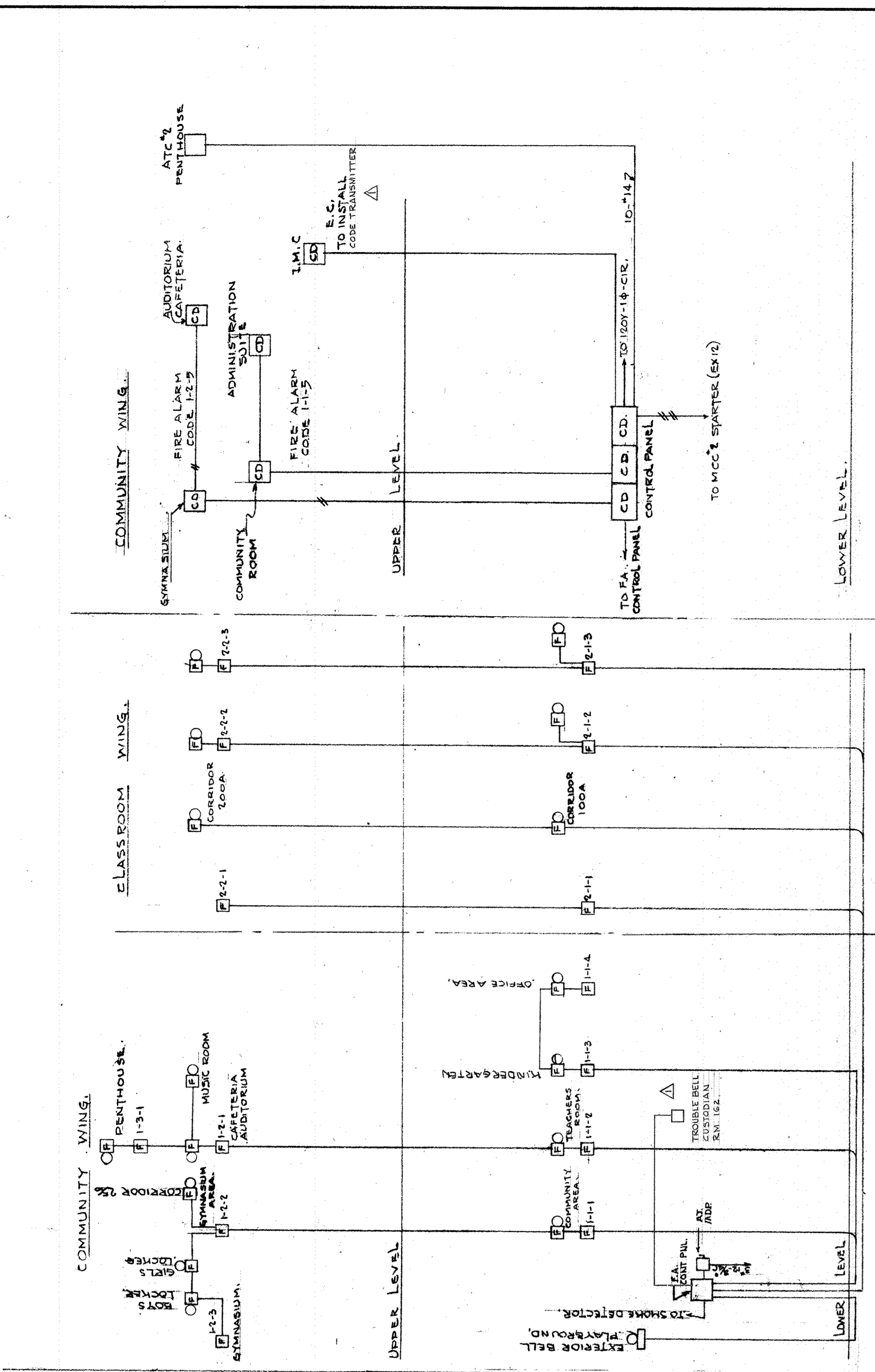
STRUCTURAL ENGINEER: URBAN ENGINEERS, INC.
CONSULTING ENGINEER: URBAN ENGINEERS, INC.
LANDSCAPE CONSULTANT: URBAN ENGINEERS, INC.

JOHN F. HARTMAN COMMUNITY SCHOOL
8TH AND CUMBERLAND STREETS
PHILADELPHIA, PA.
THE BOARD OF PUBLIC EDUCATION
BUILDING NO. 19C THE 232 PROJECT D-P

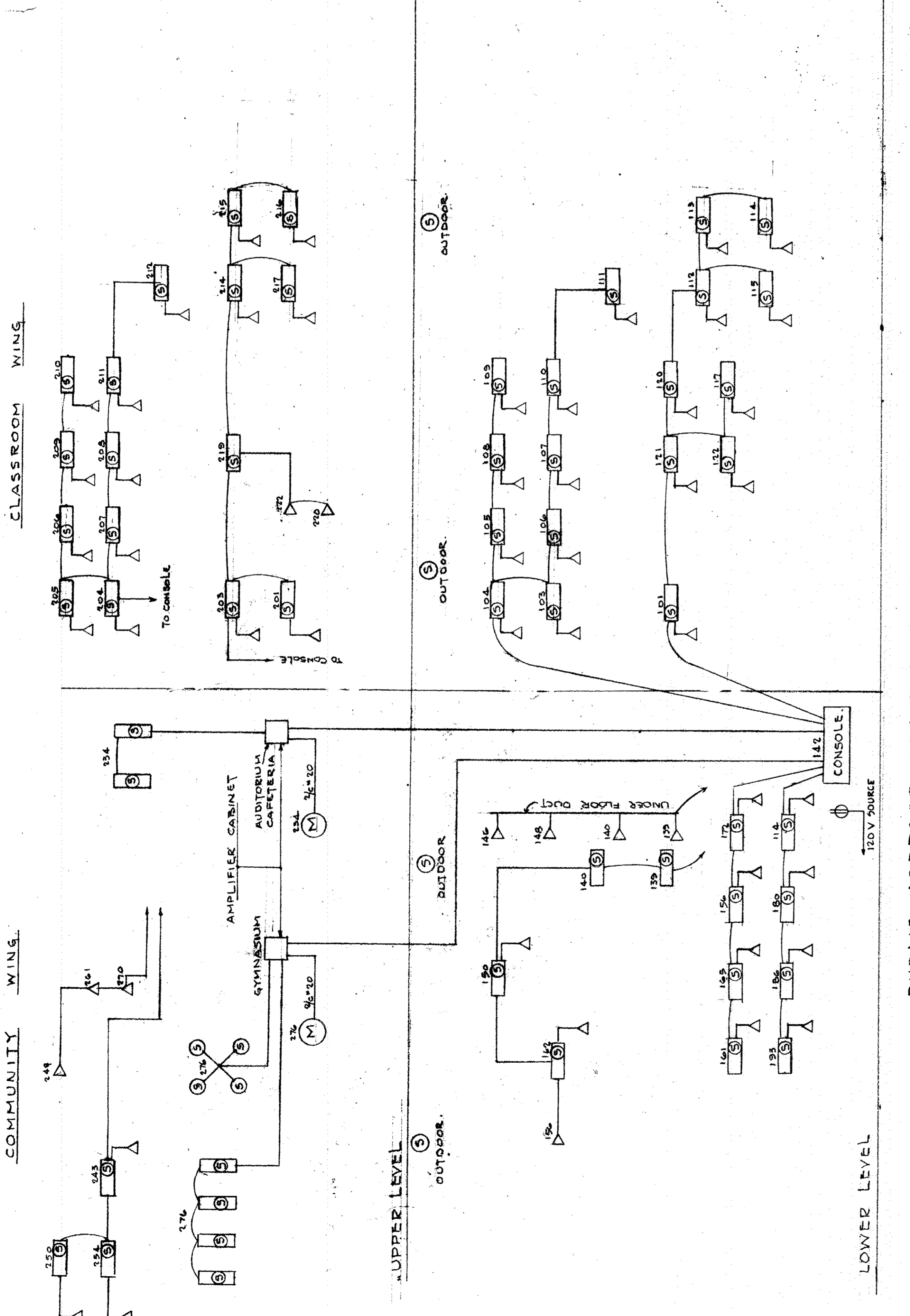
NO.	REVISIONS	DATE
1	REVISED TO CORRECT VARIOUS	4/2/67
2		
3		

SCALE: N.T.S.
DATE: APRIL 29, 1967
CHECKED BY: R.M.
DRAWN BY: E.T.

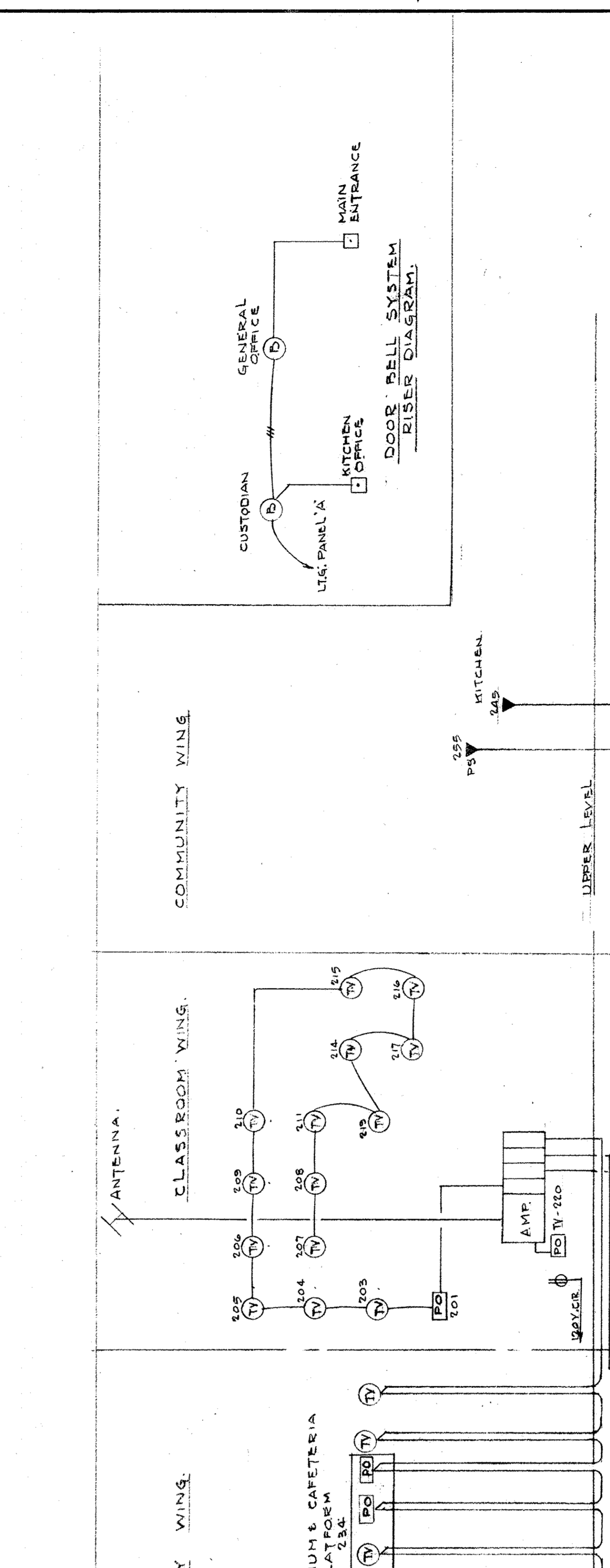
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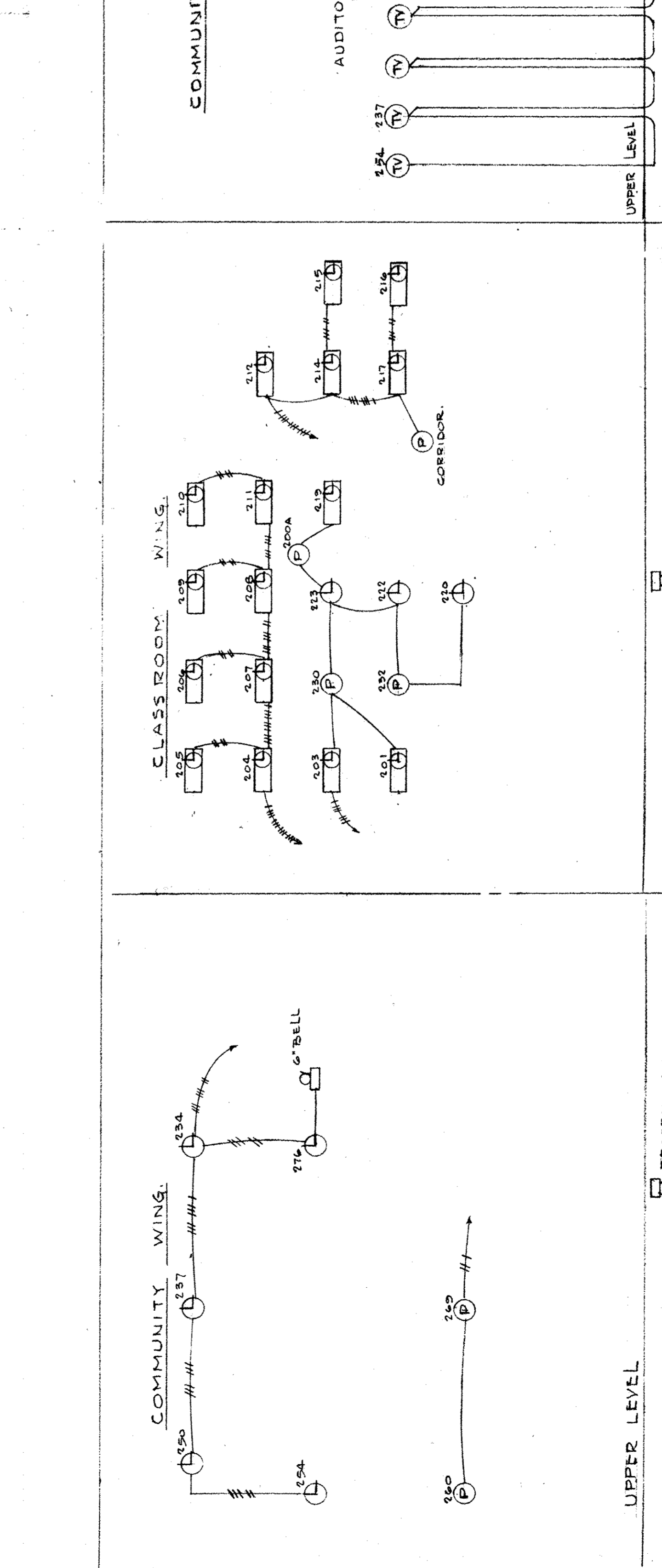
SMOKE DETECTION SYSTEM WIRING DIAGRAM



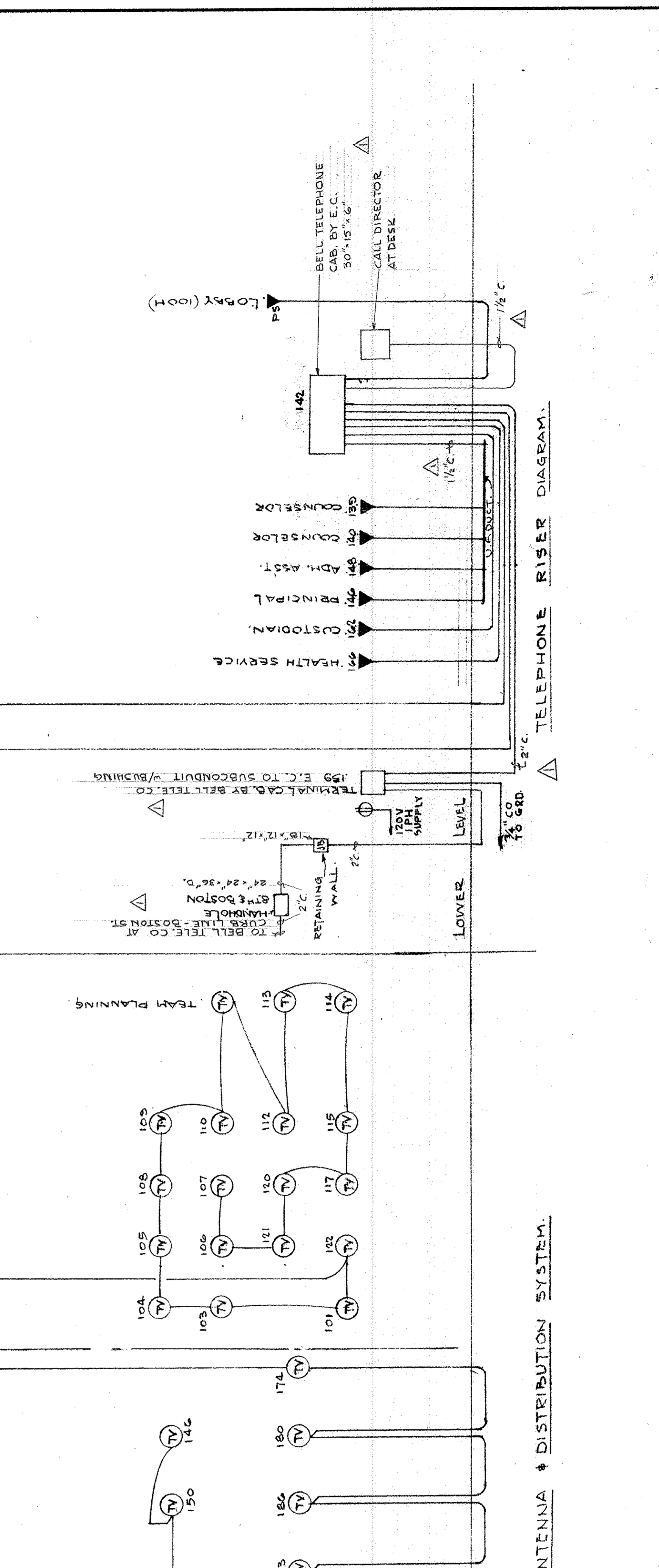
PUBLIC ADDRESS, SOUND & INTERCOMMUNICATION SCHEMATIC DIAGRAM



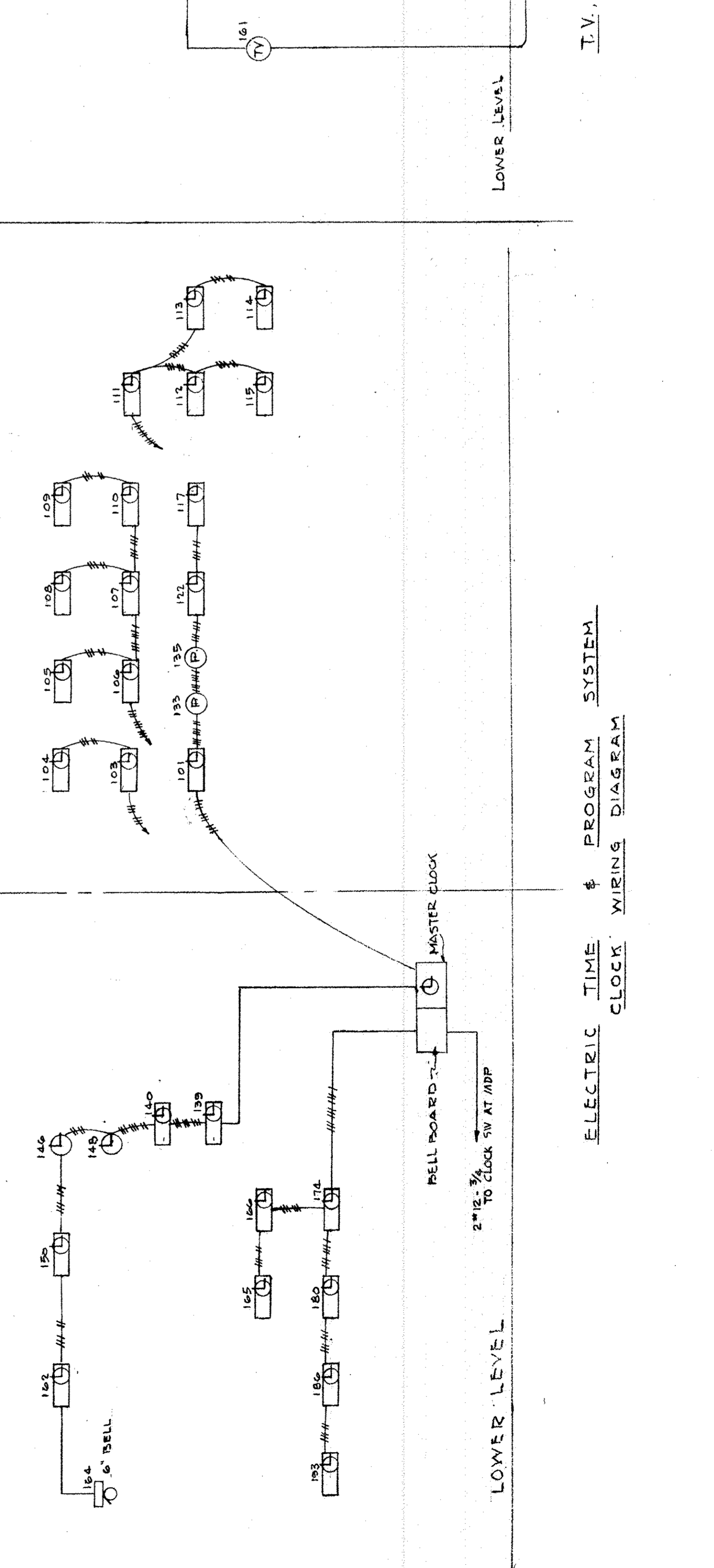
SMOKE DETECTION SYSTEM WIRING DIAGRAM



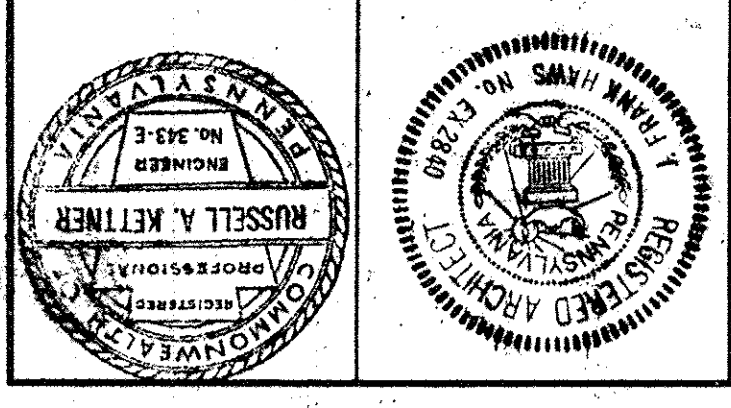
ELECTRIC TIME & PROGRAM SYSTEM WIRING DIAGRAM



TELEPHONE RISER DIAGRAM



T.V. ANTENNA & DISTRIBUTION SYSTEM



PHILADELPHIA BOARD OF PUBLIC EDUCATION
 JOHN F. HARTMAN COMMUNITY SCHOOL
 8TH AND CUMBERLAND STREETS
 PHILADELPHIA, PA.

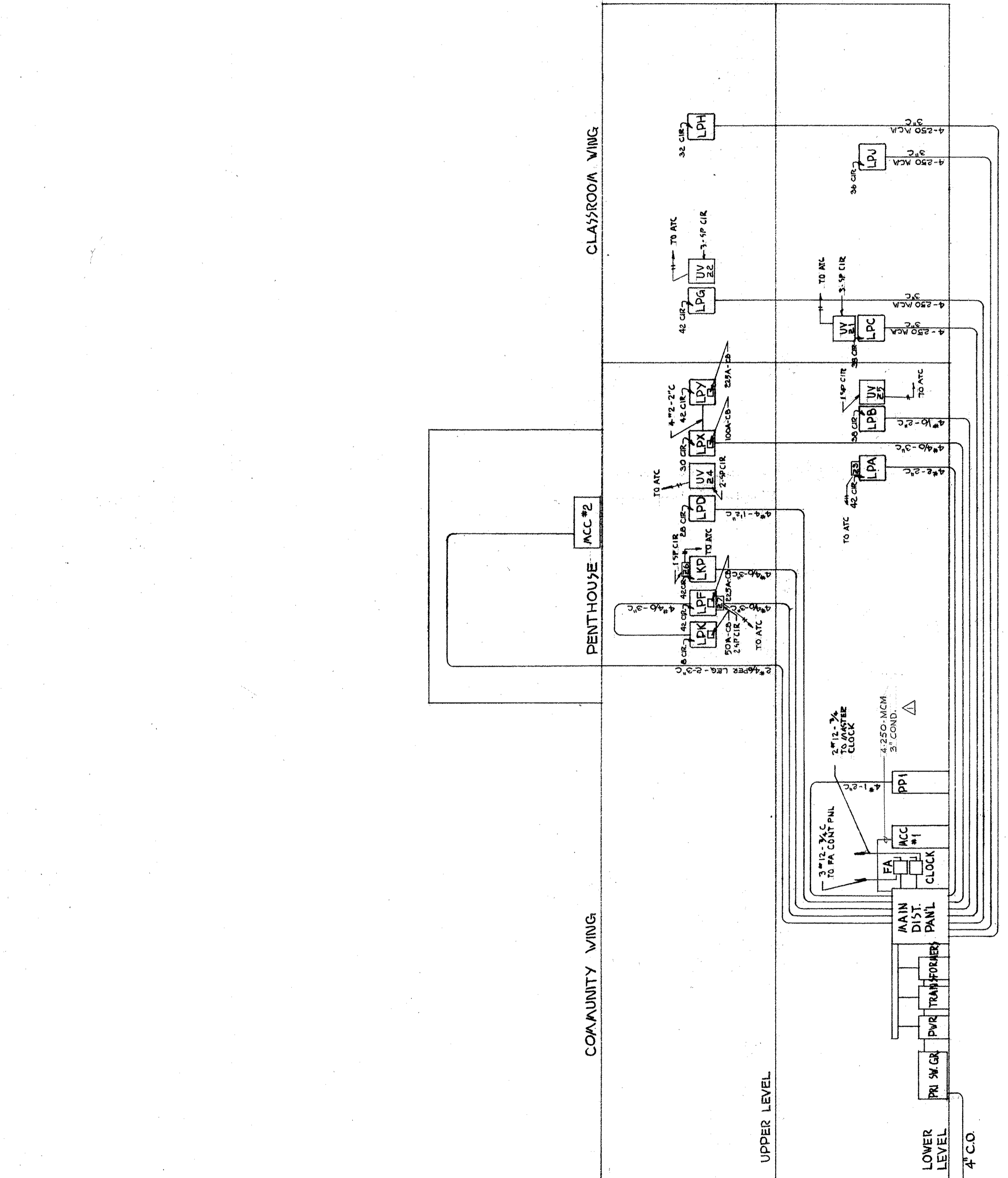
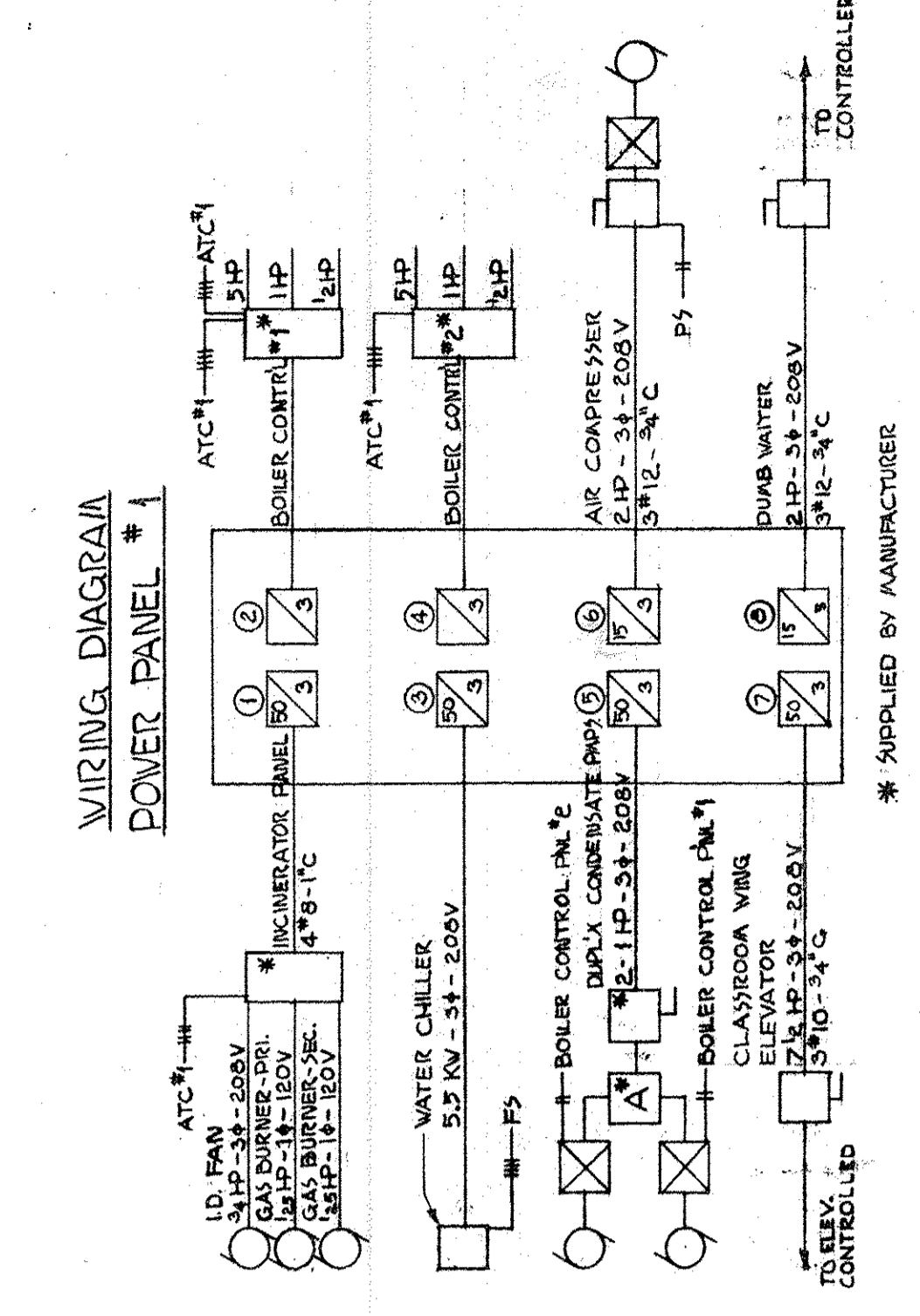
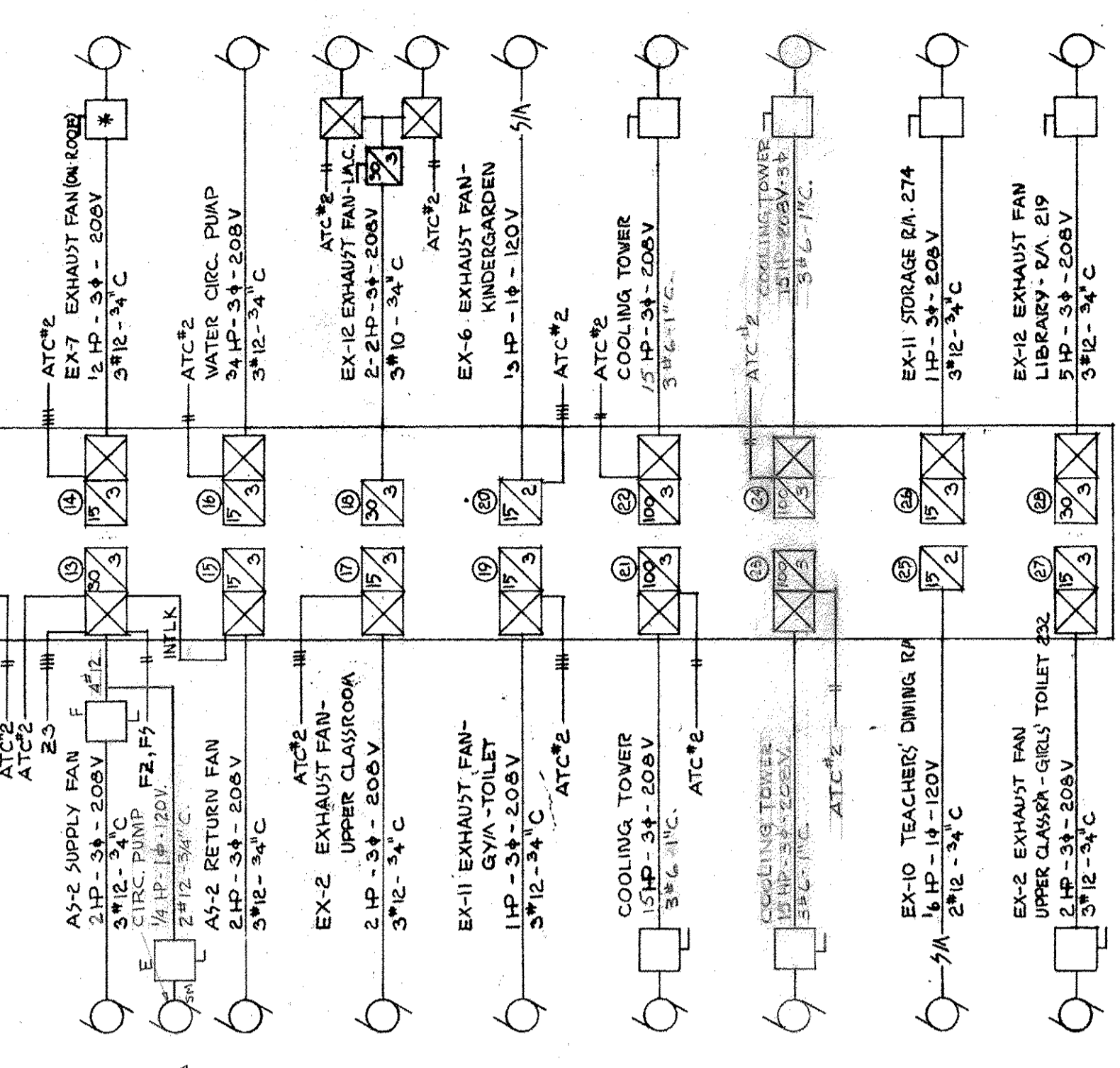
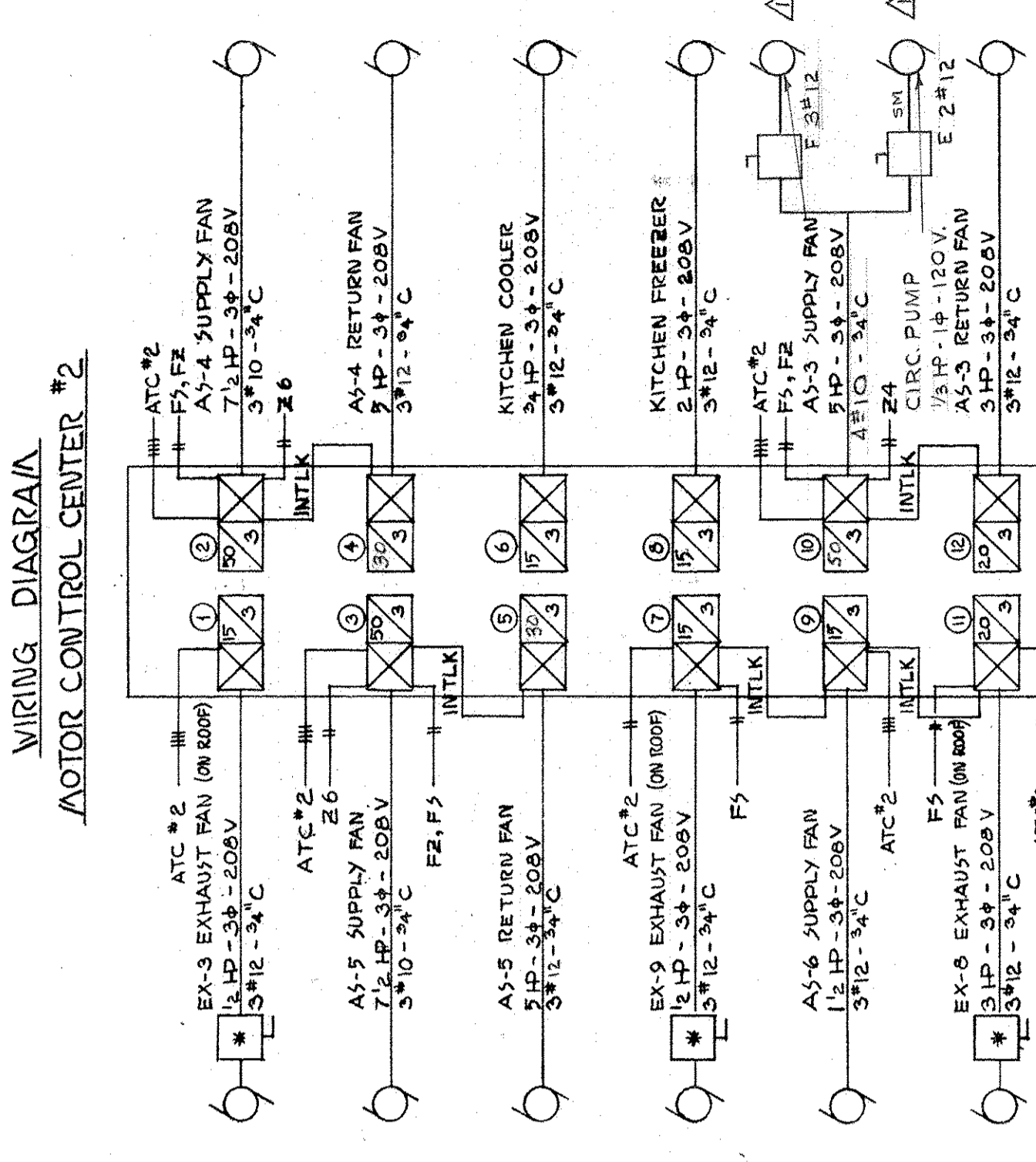
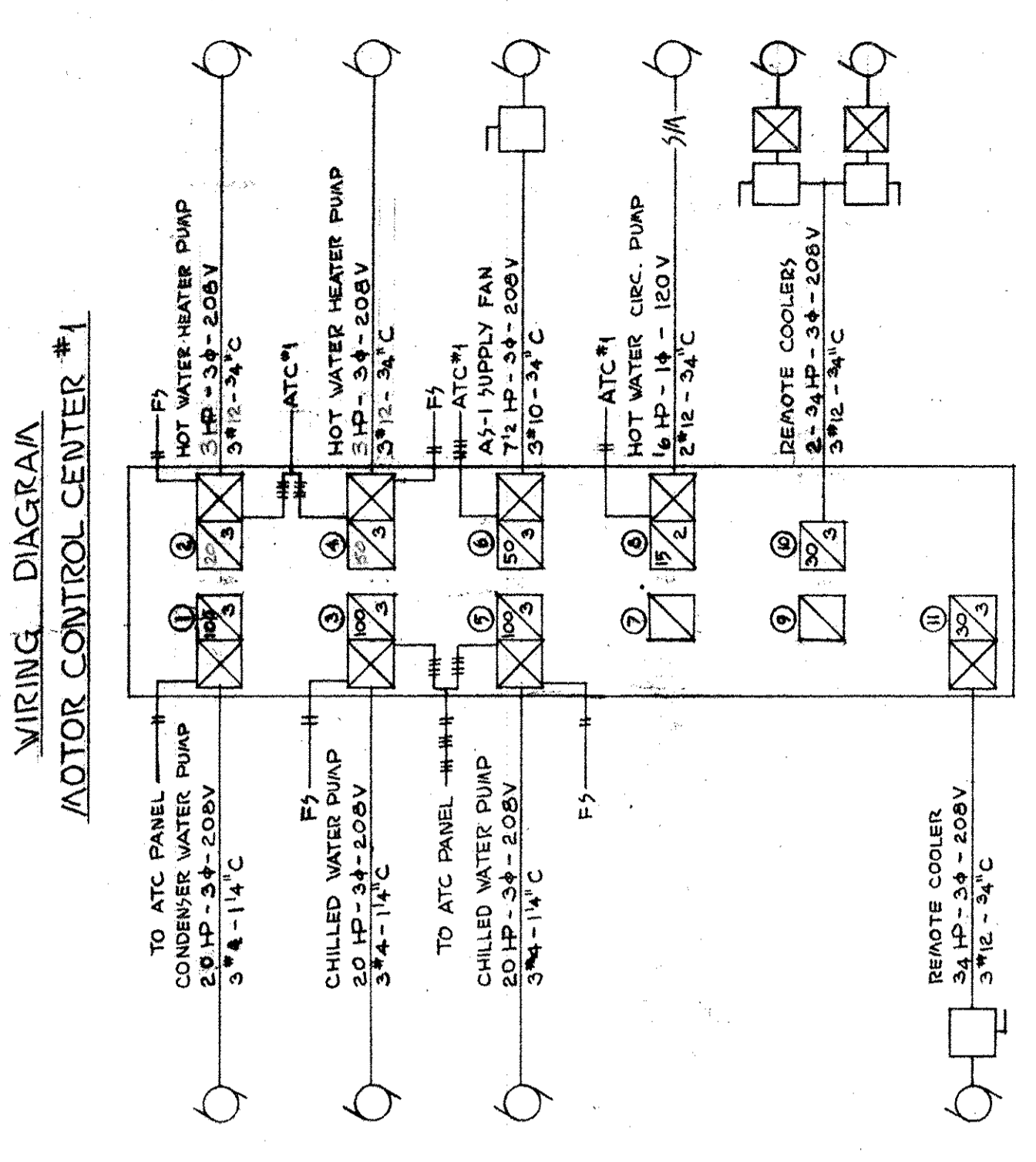
STONOROV AND HAWS ARCHITECTS
 PHILADELPHIA
 STRUCTURAL ENGINEER: URBAN ENGINEERING INC.
 LANDSCAPE CONSULTANT: LANDSCAPE CONSULTANTS

PHILADELPHIA BOARD OF PUBLIC EDUCATION
 JOHN F. HARTMAN COMMUNITY SCHOOL
 8TH AND CUMBERLAND STREETS
 PHILADELPHIA, PA.
 BUILDING NO. 19C TRM 232 FORD D-P

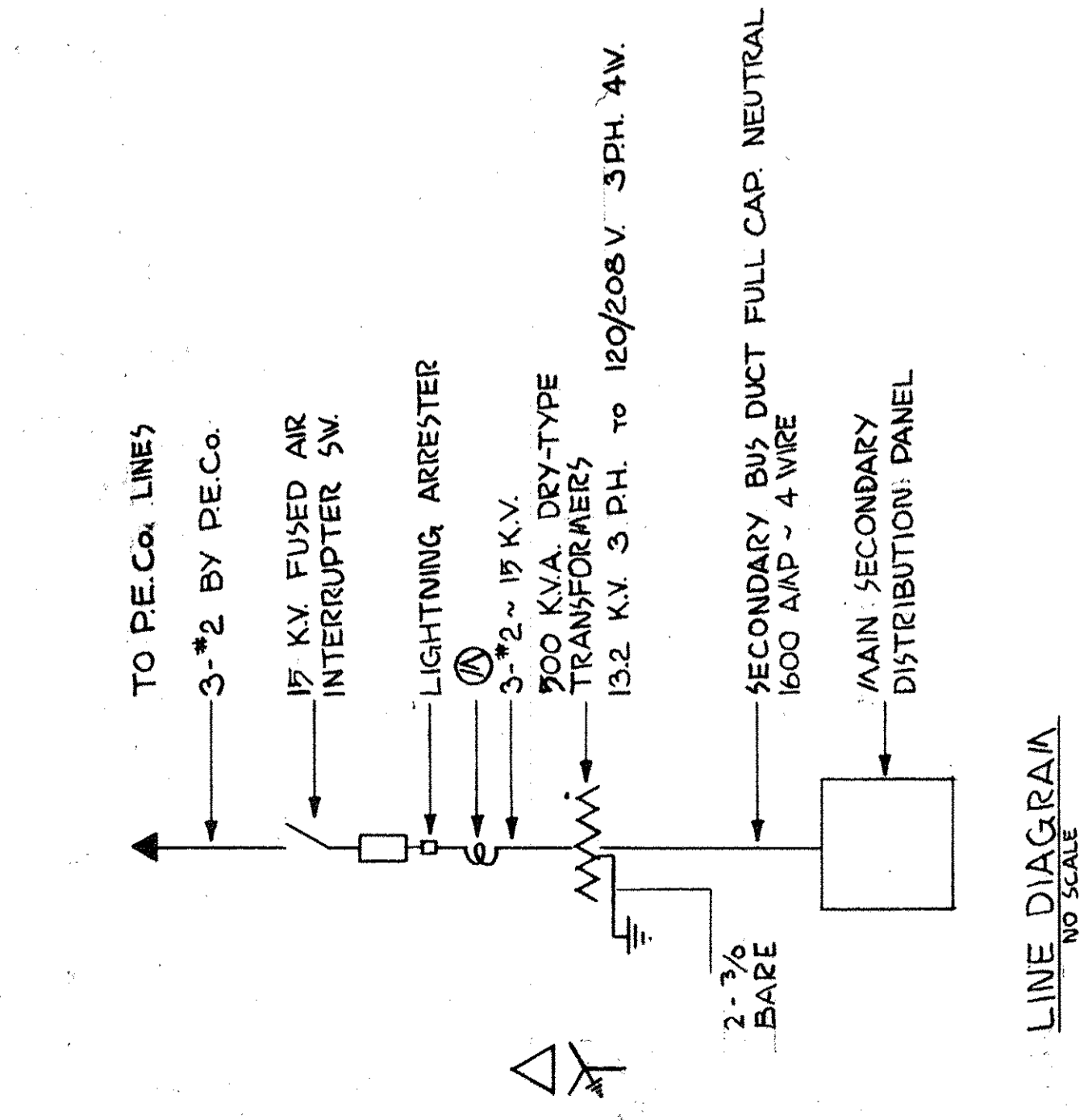
DETAILS	
NO.	REVISIONS
1	REVISED TO CORRELATE WITH DATE

DATE: APRIL 29, 1967
 SCALE: 1/4" = 1'-0"
 CHECKED: [Signature]
 DRAWN: [Signature]

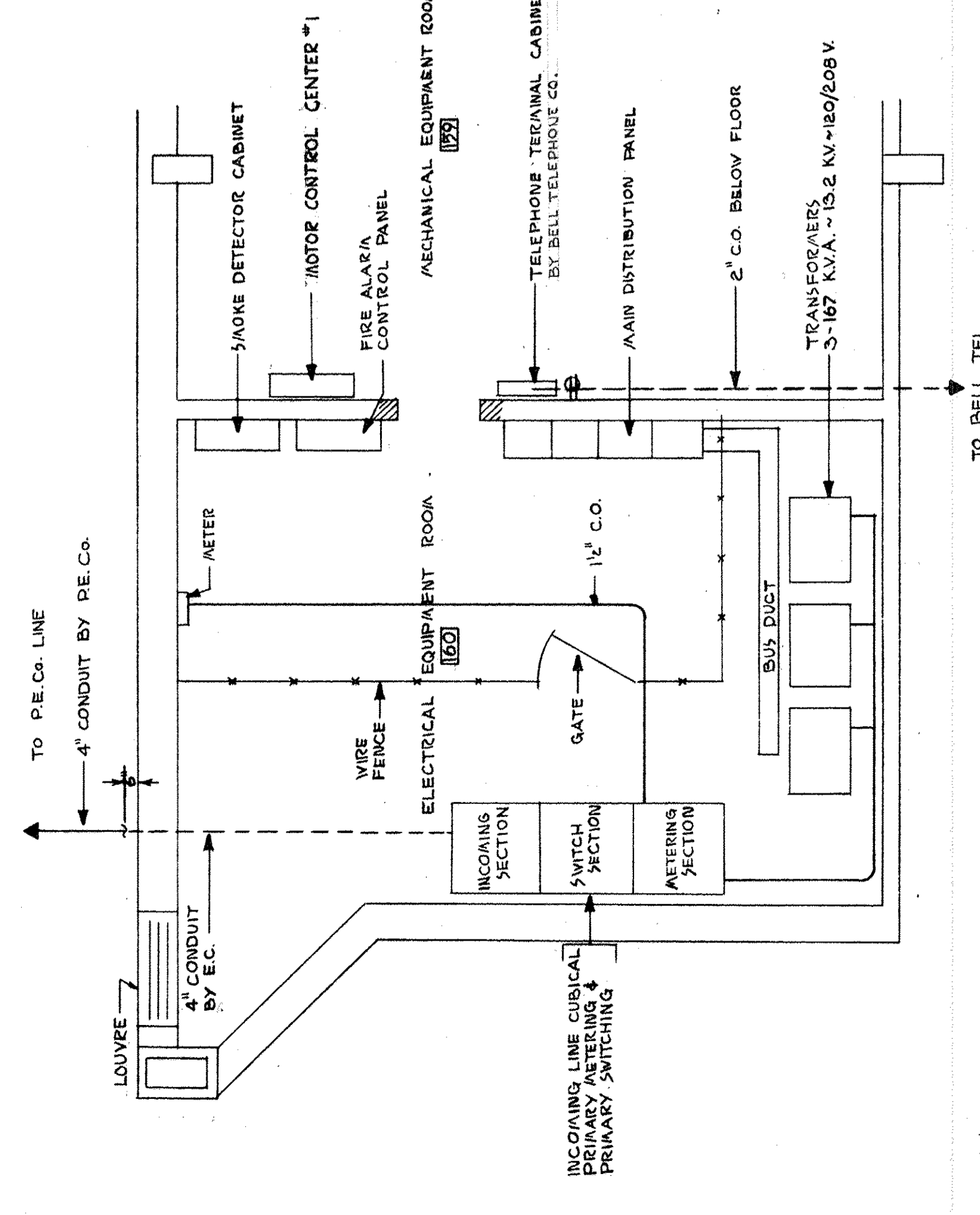
E7



550-1000
 LIGHT & POWER DISTRIBUTION SYSTEM
 NO SCALE

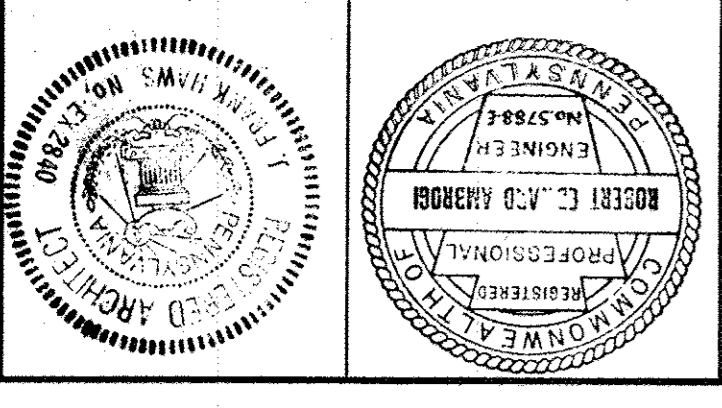


TO PE Co. LINES
 3-2 BY PE Co.
 1/2 KX FUSED AIR INTERRUPTER 5W
 LIGHTNING ARRESTER
 3-2-19 K.V.
 200 KVA. DRY-TYPE TRANSFORMERS
 13.2 K.V. 3 PH. TO 120/208 V. 3 PH. 4W.
 SECONDARY BUS DUCT FULL CAP. NEUTRAL BARE
 1600 AMP 3/4 WIRE
 MAIN SECONDARY DISTRIBUTION PANEL



TO PE Co. LINE
 4" CONDUIT BY PE Co.
 METER
 FIRE ALARM CONTROL PANEL
 SHOCK DETECTOR CABINET
 ELECTRICAL EQUIPMENT ROOM
 MECHANICAL EQUIPMENT ROOM
 TELEPHONE TERMINAL CABINET
 BY BELL TELEPHONE CO.
 MAIN DISTRIBUTION PANEL
 2" CO. BELOW FLOOR
 TRANSFORMERS
 3-167 KVA. - 13.2 KV-120/208V
 INCOMING LINE CUBICAL PRIMARY SWITCHING
 SWITCH SECTION
 METERING SECTION
 GATE
 1 1/2" CO.
 BUS DUCT
 TO BELL TEL.

CIRCUIT	EQUIPMENT	RATING KVA	PHASE	VOLTAGE	CR. BKR. SWITCH
1	LTG PNL LPA	32.7	3	120/208	125
2	LTG PNL LPB	30.0	3	120/208	125
3	LTG PNL LPC	36.6	3	120/208	150
4	LTG PNL LPD	20.0	3	120/208	90
5	LTG PNL LPK	71.0	3	120/208	230
6	LTG PNL LPF & LPA	43.0	3	120/208	150
7	LTG PNL LPB	34.2	3	120/208	100
8	LTG PNL LPH	27.2	3	120/208	100
9	LTG PNL LPI	26.1	3	120/208	100
10	LTG PNL LPL	73.6	3	120/208	175
11	SPACE	100 A FR			
12	PWR PNL ACC-1	85 HP	3	120/208	350
13	PWR PNL ACC-2	125 HP	3	120/208	500
14	PWR PNL P P-1	34 HP	3	120/208	175
15	SPACE	100 A FR			
16	SPACE	225 A FR			
17	SPACE	400 A FR			



STONOROV AND HAWS ARCHITECTS
PHILADELPHIA PENNSYLVANIA

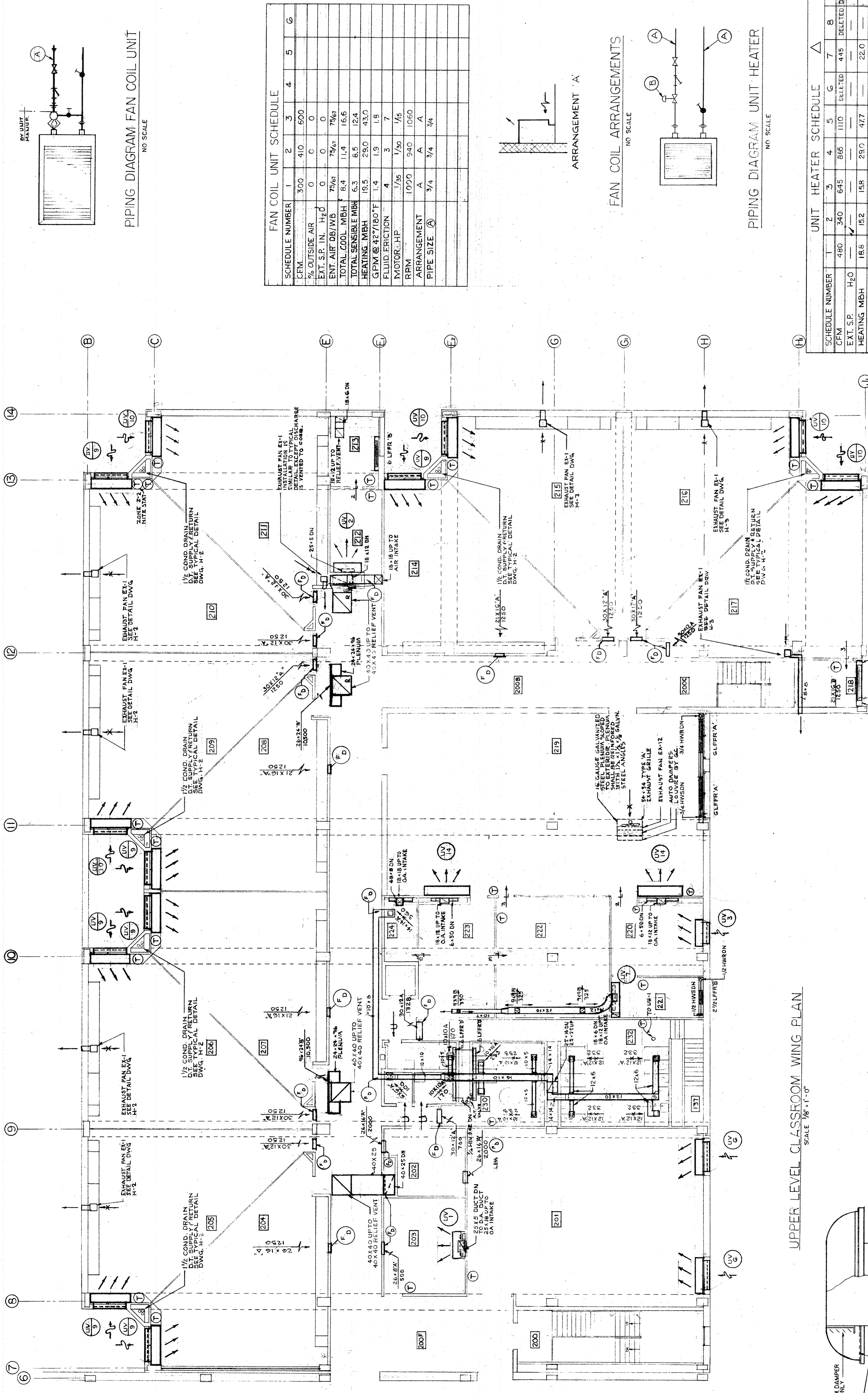
CONSULTING ENGINEER CONSULTED CONSULTANTS, INC.
STRUCTURAL ENGINEER URBAN ENGINEERS, INC.
PHILADELPHIA PENNSYLVANIA

JOHN F. HARTRANT COMMUNITY SCHOOL
8TH AND CUMBERLAND STREETS
PHILADELPHIA, PA.
THE BOARD OF PUBLIC EDUCATION
BUILDING NO. 19C TYPE 232 PROJECT D-P

NO.	REVISIONS
1	REVISED TO CORRECT WITH
2	DATE
3	DATE

SCALE
DATE APRIL 28, 1967
CHECKED
DRAWN

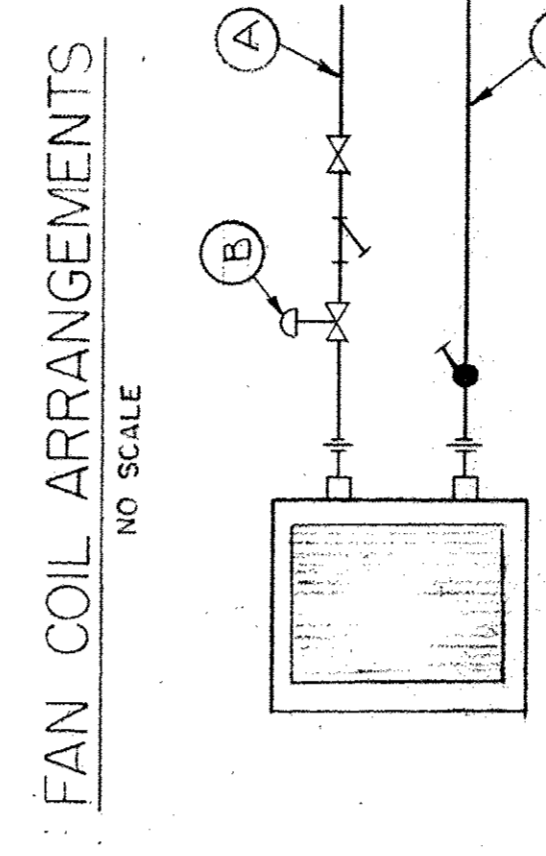
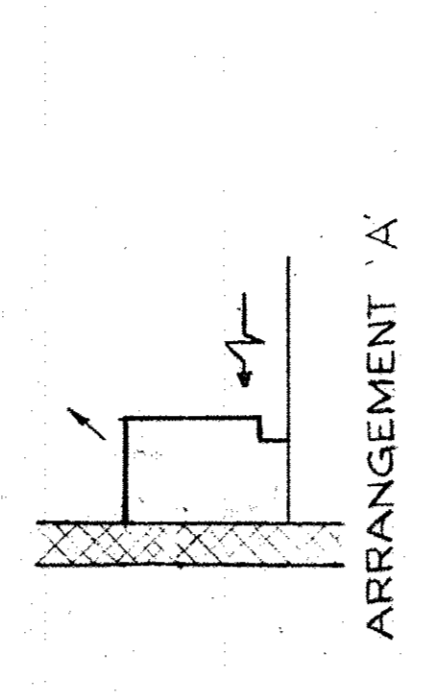
H 3



UPPER LEVEL CLASSROOM WING PLAN
SCALE 1/8" = 1'-0"

FAN COIL UNIT SCHEDULE

SCHEDULE NUMBER	1	2	3	4	5	6
CFM	300	410	600			
% OUTSIDE AIR	0	0	0	0	0	0
EXT. S.P. IN. H ₂ O	0	0	0	0	0	0
EXT. AIR DB/ WB	75/65	75/65	75/65	75/65	75/65	75/65
TOTAL COOL. MBH	8.4	11.4	16.6			
TOTAL SENSIBLE MBH	6.3	8.5	12.4			
HEATING MBH	19.5	29.0	43.0			
GPM @ 42°/180°F	1.4	1.9	2.8			
FLUID FRICTION	4	3	7			
MOTOR L.H.P.	1/16	1/10	1/8			
RPM	1000	940	1060			
ARRANGEMENT	A	A	A			
PIPE SIZE (A)	3/4	3/4	3/4			



PIPING DIAGRAM UNIT HEATER
NO SCALE

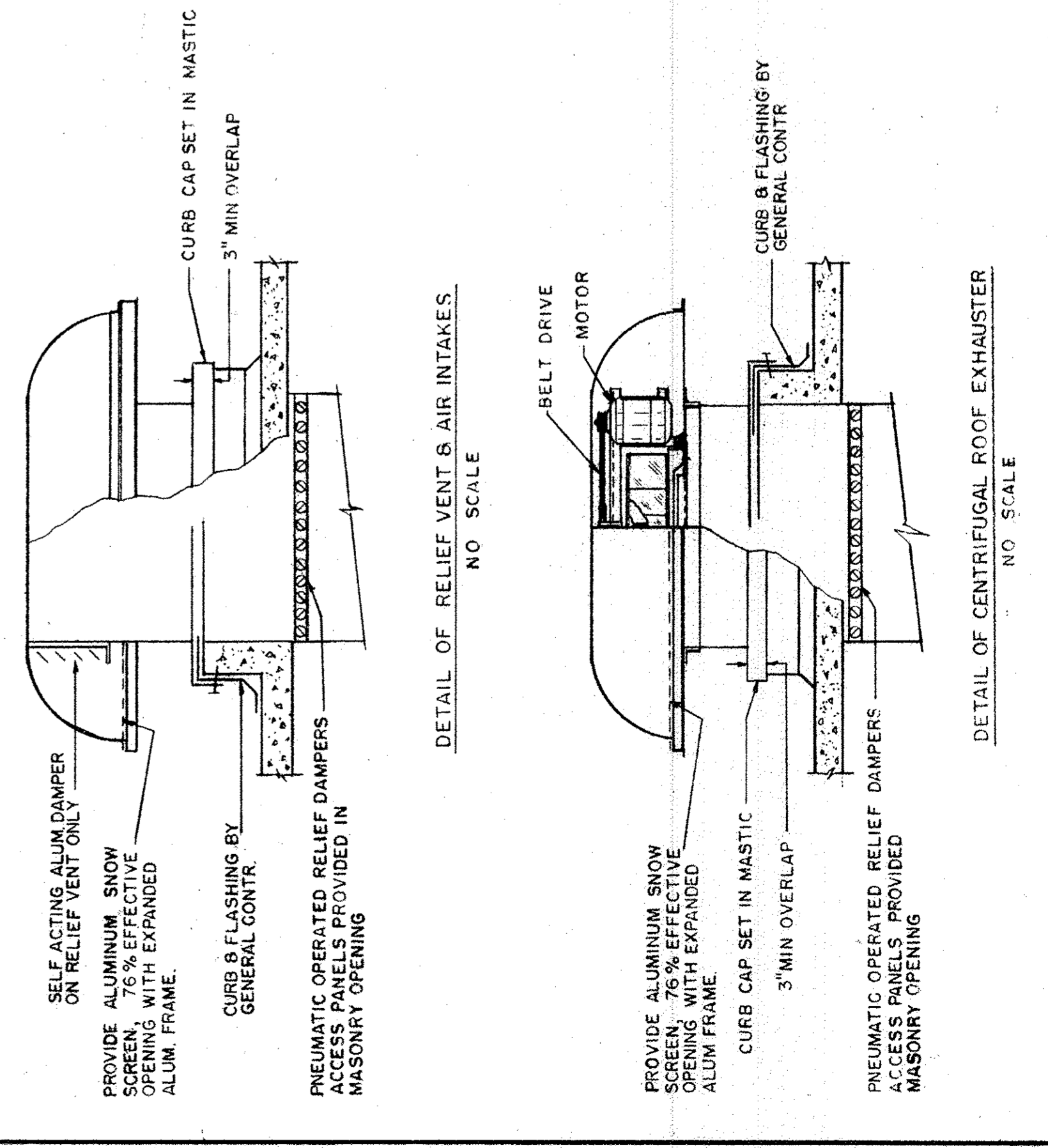
UNIT HEATER SCHEDULE

SCHEDULE NUMBER	1	2	3	4	5	6	7	8	9	10
CFM	480	340	645	865	1110	1110	DELETED	445	DELETED	DELETED
EXT. S.P.	H ₂ O									
HEATING MBH	18.5	15.8	29.0	41.7	22.0	22.0		3		
GPM @ 200°F	4.1	0.3	1.3	0.5	0.4	0.3				
FLUID FRICTION	102	105	96	108	114					
FINAL AIR TEMP	1/20	1/20	1/8	1/8	1/4					
MOTOR H.P.	900	900	750	750	RCC					
TYPE	CABINET	CABINET	CABINET	CABINET	FROF					
PIPE SIZE (A)	3/4	3/4	1	3/4	3/4					
VALVE SIZE (B)	1/2	1/2	3/4	1/2	1/2					

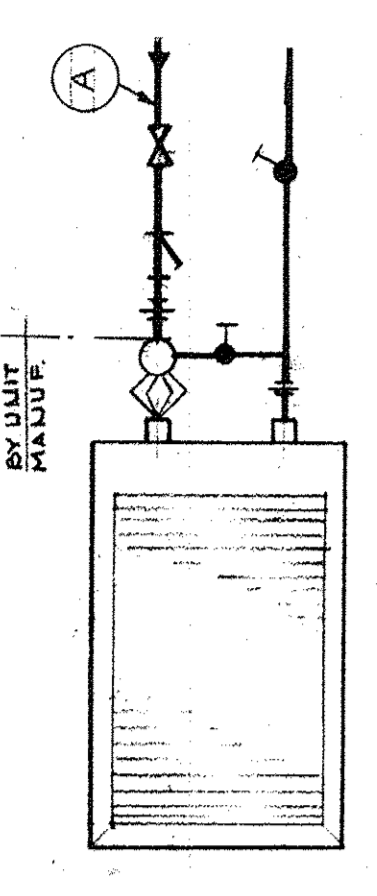
EXHAUST FAN SCHEDULE

SCHEDULE NUMBER	1	2	3	4	5	6	7	8	9	10	11	12
CFM	150	565	1620	1620	975	7500	1600	350	3764	16,000		
STATIC PRES "H ₂ O"	1/10	5/8	3/4		5/8	3/4	5/8	1/2	1/4	1/2	1/4	
MOTOR HP	1/25	2	1/2		1/3	1/2	3	1/2	1/6	1	2	
RPM	1050	635	1000		1240	1125	610	1080	865	595	602	
ROOF OPEN W/L	1	3/20	18/18		1/4	16/16	23/23	20/20	12/12	20/20	18/18	
SPEC TYPE	B	D	D		D	D	D	D	E	D	D	C

① 8 x 8 BRICK VENT WALL OPENING (BRICK VENT BY G.C.)
② 3/4 x 3/4 WALL OPENING LOUVER BY G.C.



PIPING DIAGRAM FAN COIL UNIT
NO SCALE

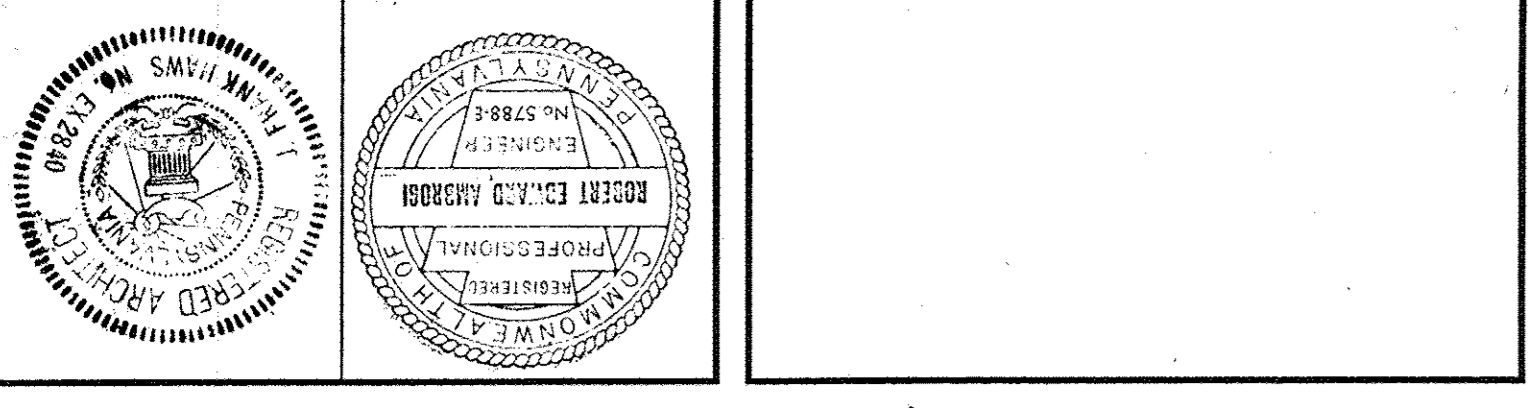


SCALE	APRIL 28, 1961
CHECKED	
DRAWN	
NO.	
REVISIONS	
DATE	
C/S	

COMMUNITY WING, LOWER LEVEL	
NO.	
REVISIONS	
DATE	
C/S	

JOHN F. HARPANET COMMUNITY SCHOOL
 8TH AND CUMBERLAND STREETS
 PHILADELPHIA, PA.
 THE BOARD OF PUBLIC EDUCATION
 PROJECT D-P
 BUILDING NO. 19C TYPE 232

STONOROV AND HAWS ARCHITECTS
 PHILADELPHIA
 STRUCTURAL ENGINEER: URBAN ENGINEERS, INC.
 CONSULTING ENGINEER: CONSULTANT CONSULTANTS, INC.
 PENNSYLVANIA



UNIT NO.	AS-1 AS-2 AS-3 AS-4 AS-5 AS-6
CAPACITY (GPM)	25 0 0
PIPE SIZE	2"
WALVE SIZE	2"
DRAIN VALVE	3/4"

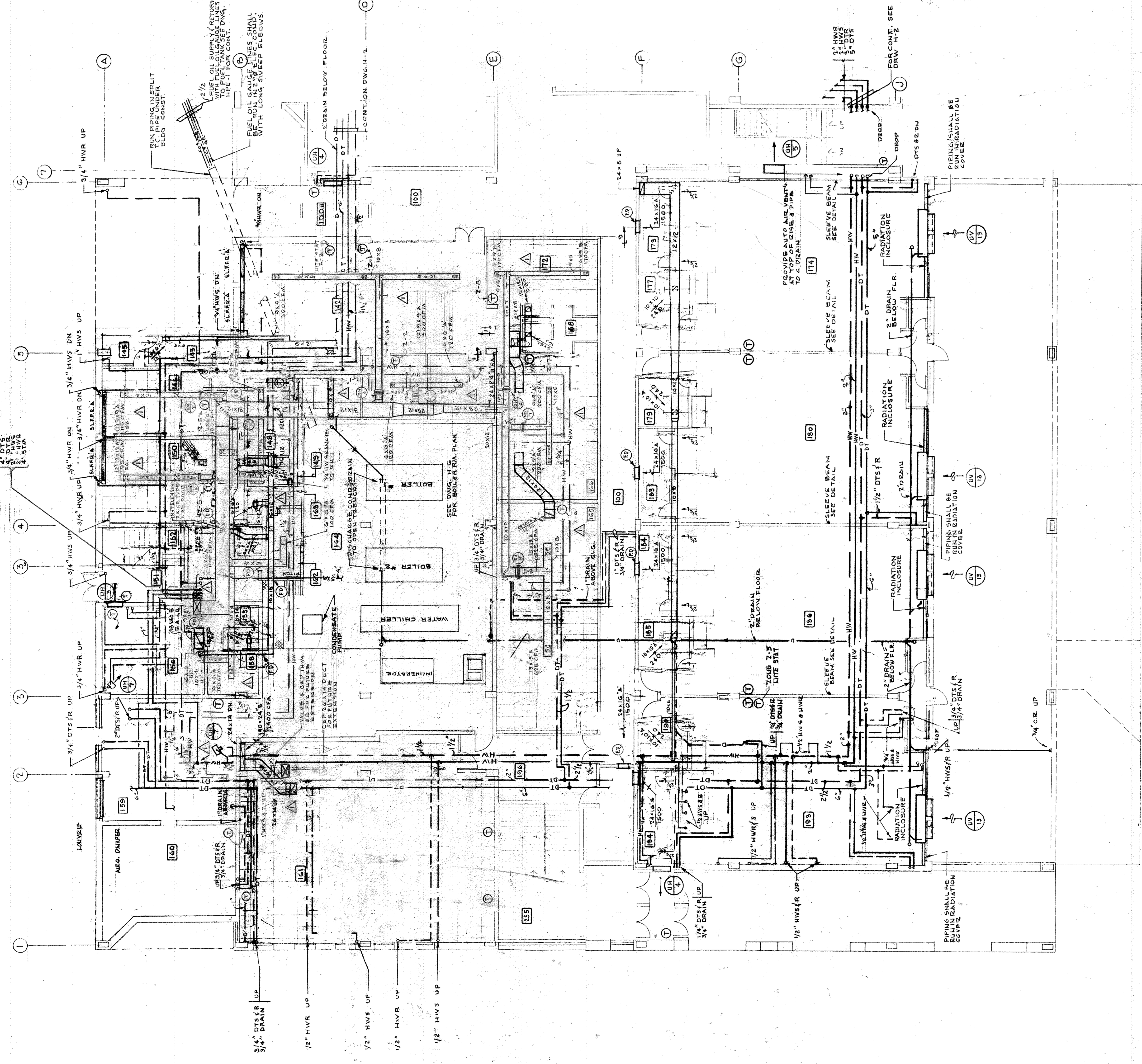
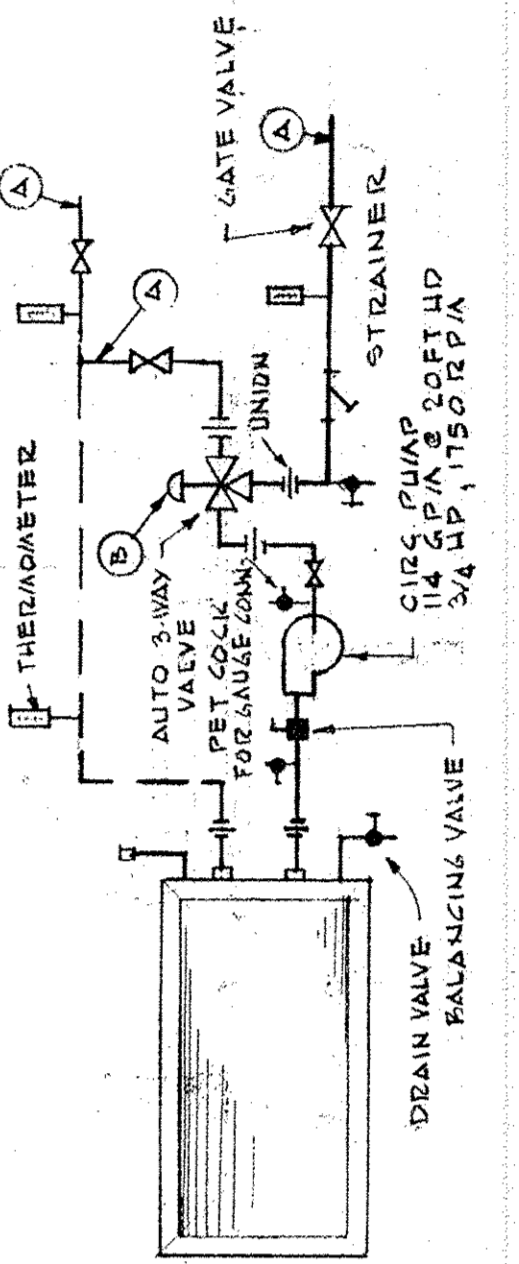
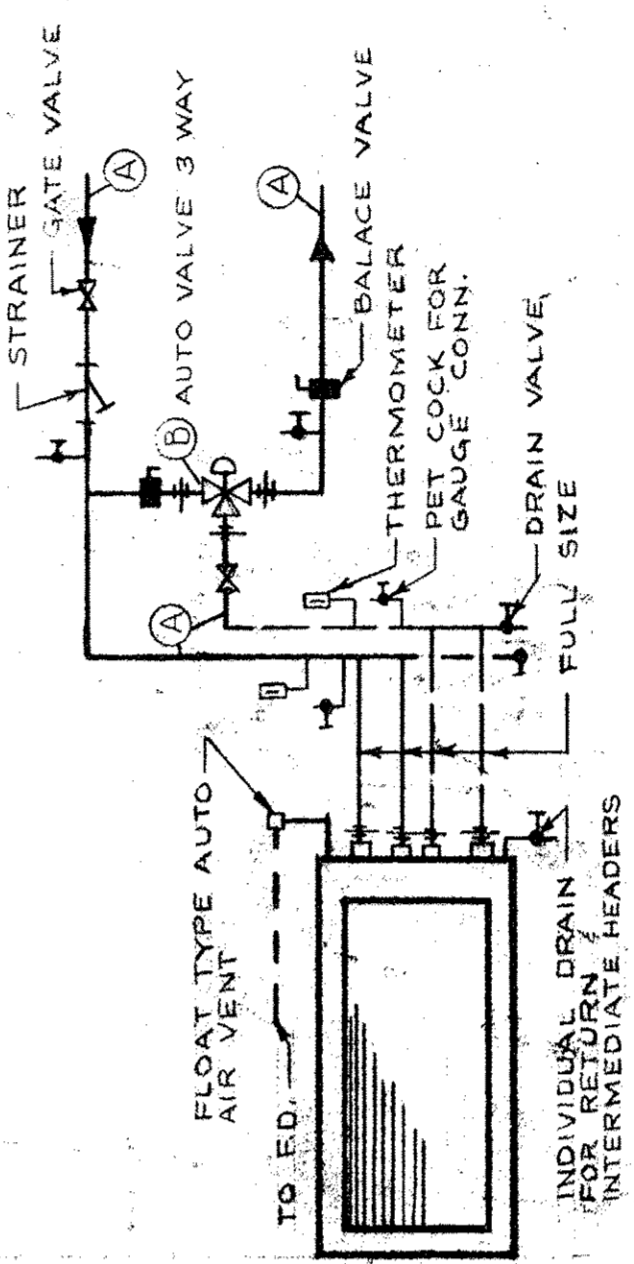
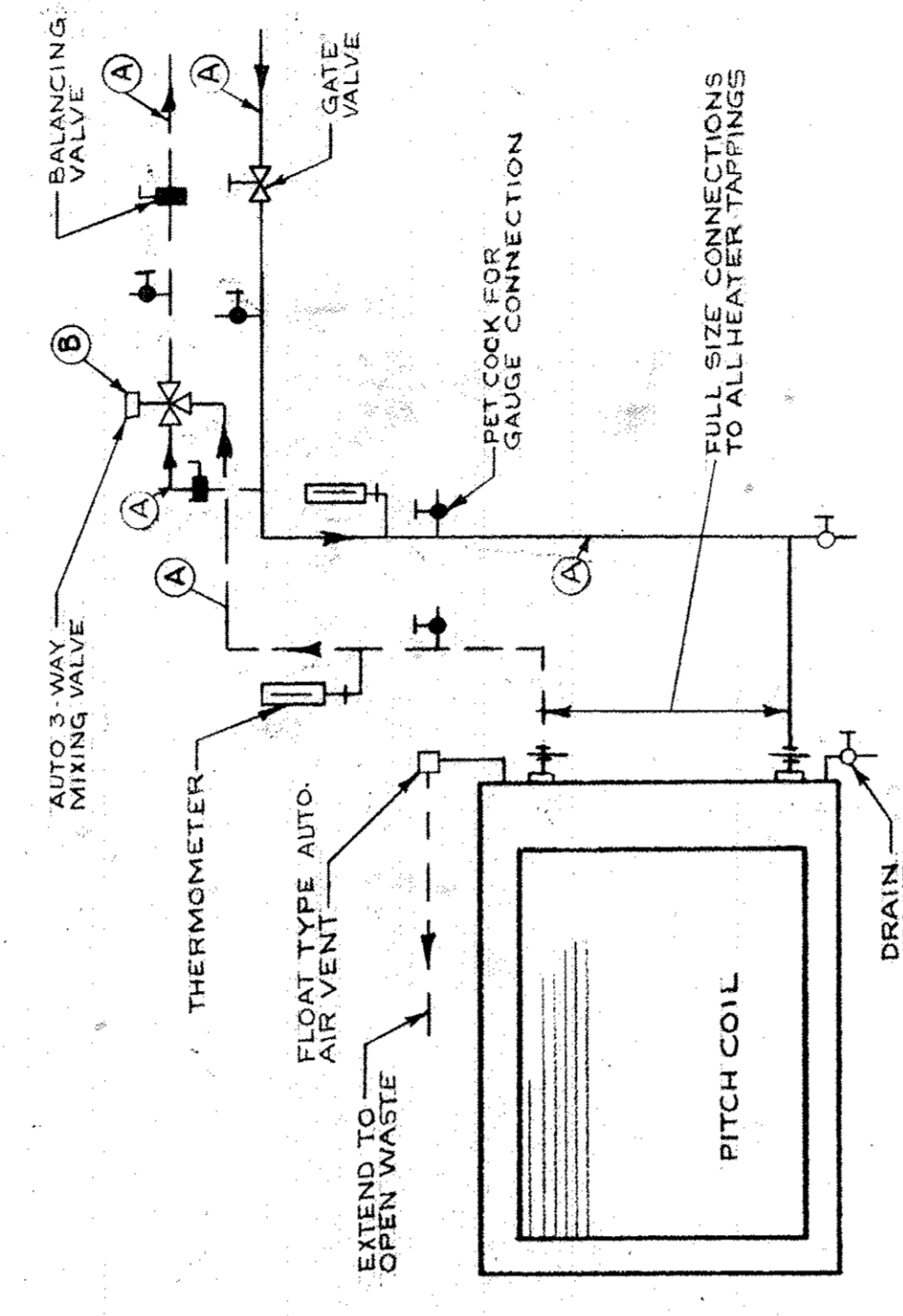
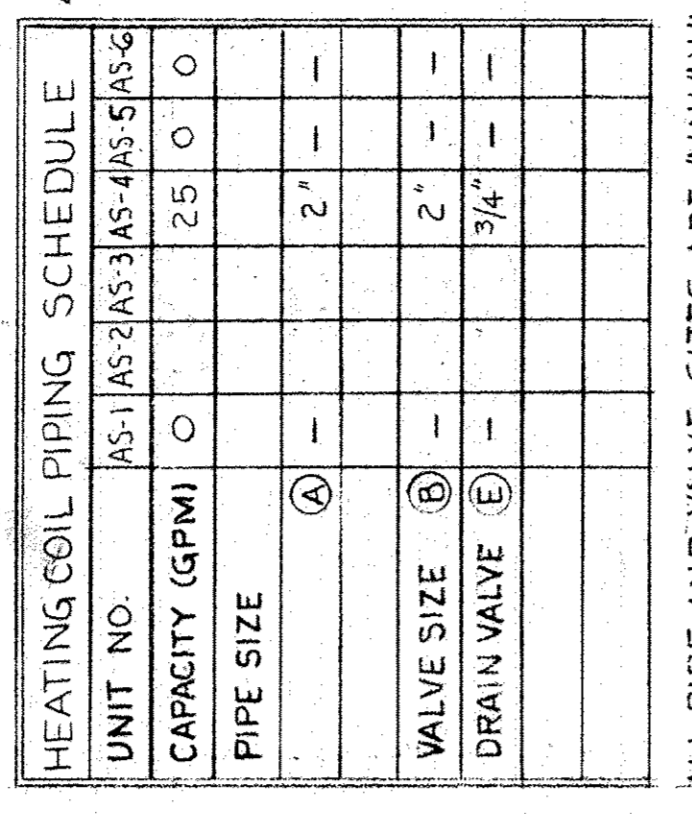
UNIT NO.	AS-1 AS-2 AS-3 AS-4 AS-5 AS-6
CAPACITY (GPM)	58.5 47 114 0
PIPE SIZE	2 1/2 2 1/2 4
AUTO CONTROL VALVE	2" 2" 3"
DRAIN VALVE	1/2 1/2 3/4
CIRC. PUMP	
G.P.A.	385 47 114
HEAD	10 10 20
HP	1/4 1/2 3/4
Z.P.A.	754 1752 1752

ALL PIPE AND VALVE SIZES ARE MINIMUM
 SIZES. IF LARGER SIZES ARE INSTALLED
 THEY MUST BE EQUIVALENTLY RATED
 FOR INSTALLATION.

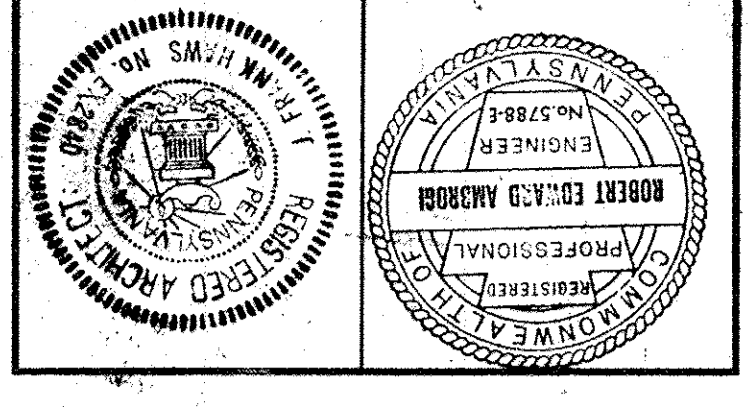
NOTE:
 FOR REHEAT COIL SCHEDULE AND PIPING DIAGRAM
 SEE DRAWING H-6

UNIT NO.	AS-1 AS-2 AS-3 AS-4 AS-5 AS-6
CAPACITY (LB/HR)	0 413 250
VALVE SIZE	2"
BY-PASS VALVE	1/2 1/4
TRAP SIZE	1/2 1/4
PIPE SIZE	2" 1/2
PIPE SIZE	2" 1/2
PIPE SIZE	2" 1/2
PIPE SIZE	2" 1/2

PIPE AND VALVE SIZES ARE MINIMUM
 SIZES. IF LARGER SIZES ARE INSTALLED
 THEY MUST BE EQUIVALENTLY RATED
 FOR INSTALLATION.



LOWER LEVEL COMMUNITY WING PLAN
 SCALE 1/8" = 1'-0"



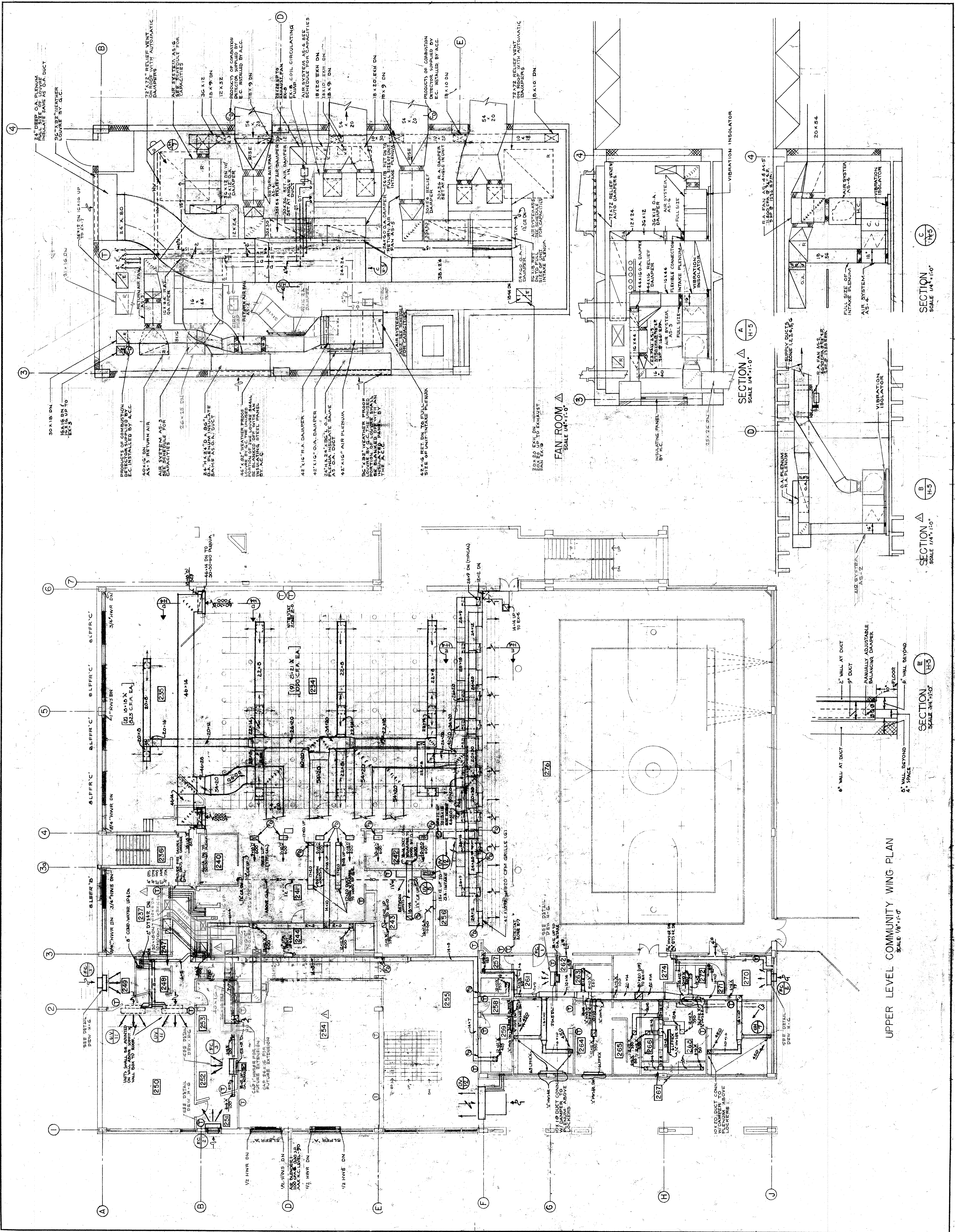
PHILADELPHIA
STONOROV AND HAWES ARCHITECTS
 CONSULTING ENGINEER: URBAN ENGINEERS, INC.
 CONSULTING ENGINEER: CONSOLIDATED CONSULTANTS, INC.

PHILADELPHIA, PA.
JOHN F. HARTMAN COMMUNITY SCHOOL
 8TH AND CUMBERLAND STREETS
 THE BOARD OF PUBLIC EDUCATION
 PROJECT D-P
 BUILDING NO. 19C TYPE 232

NO.	REVISIONS
1	REVISED TO CORRECT MISTAKES
2	DATE 6-7-67
COMMUNITY WING, UPPER LEVEL	

CHECKED	DATE
APRIL 20, 1967	
SCALE	

H 5



UPPER LEVEL COMMUNITY WING PLAN
 SCALE 1/8" = 1'-0"

FAN ROOM
 SCALE 1/4" = 1'-0"

SECTION A-A
 SCALE 1/4" = 1'-0"

SECTION B-B
 SCALE 1/4" = 1'-0"

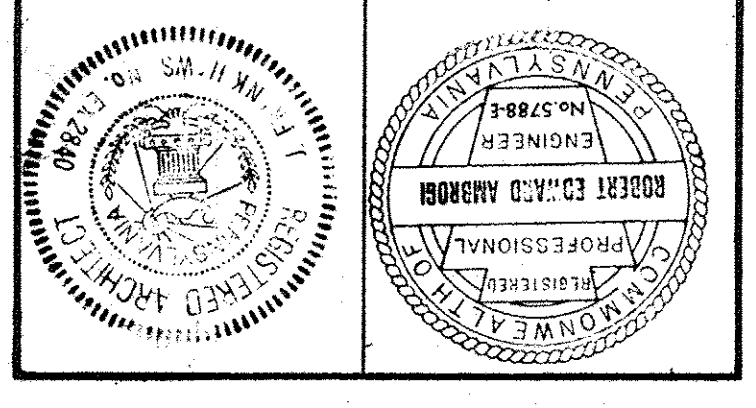
SECTION C-C
 SCALE 1/4" = 1'-0"

SECTION D-D
 SCALE 3/4" = 1'-0"

SECTION E-E
 SCALE 3/4" = 1'-0"

SECTION F-F
 SCALE 3/4" = 1'-0"

SECTION G-G
 SCALE 3/4" = 1'-0"

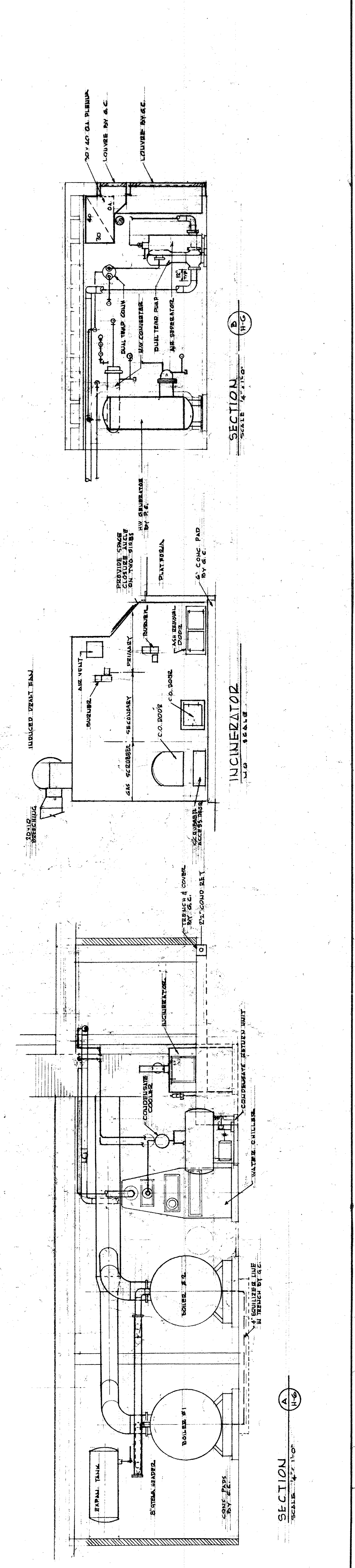
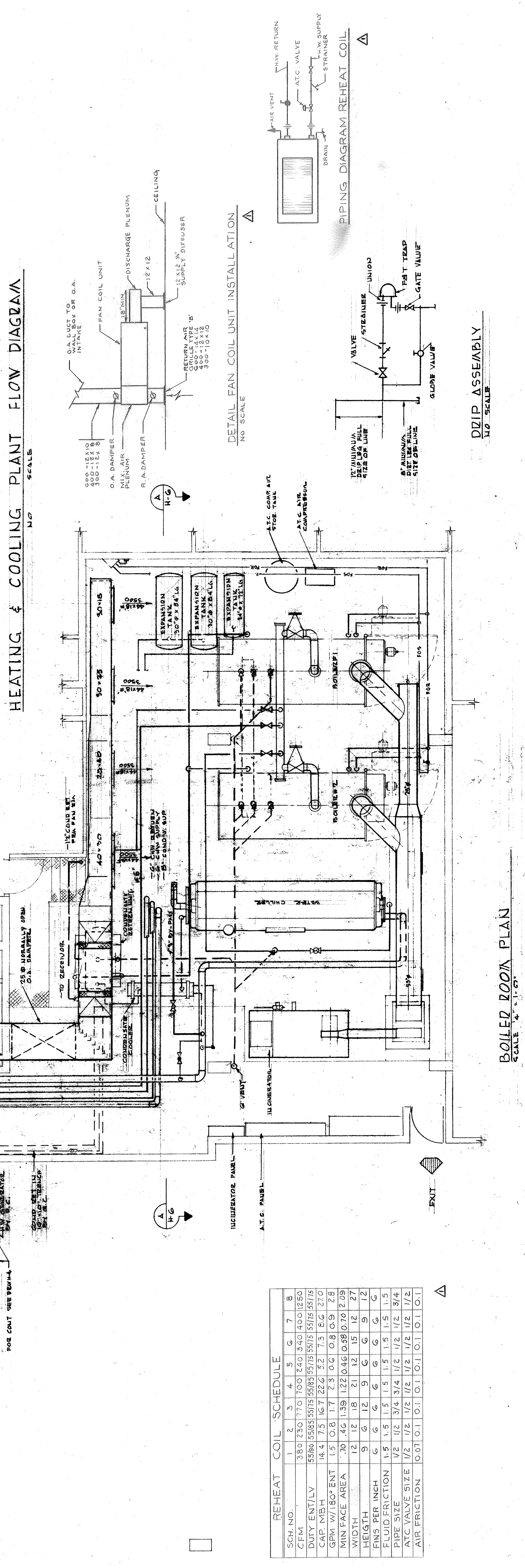
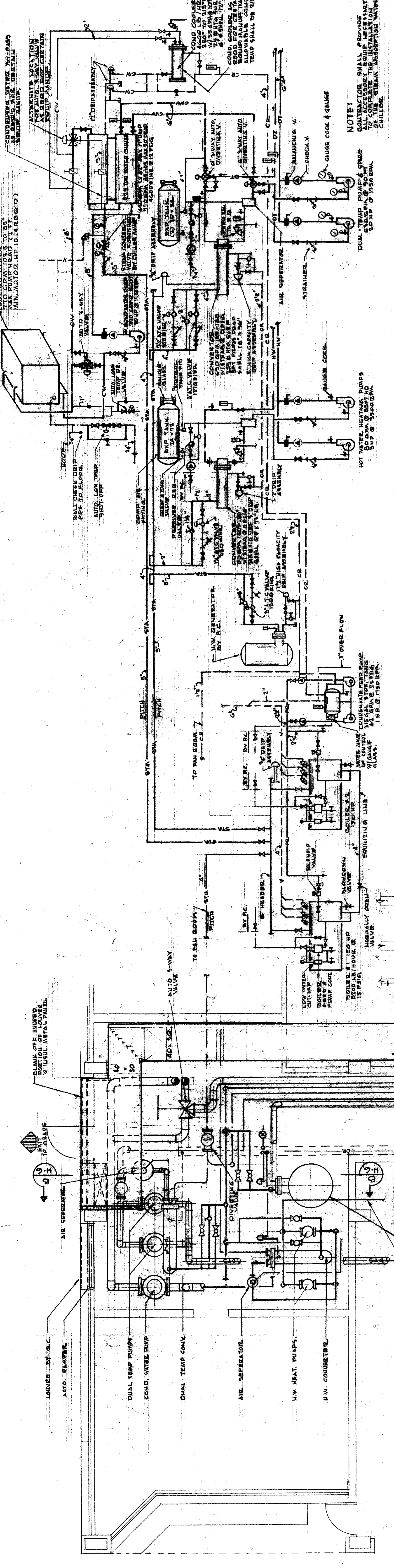


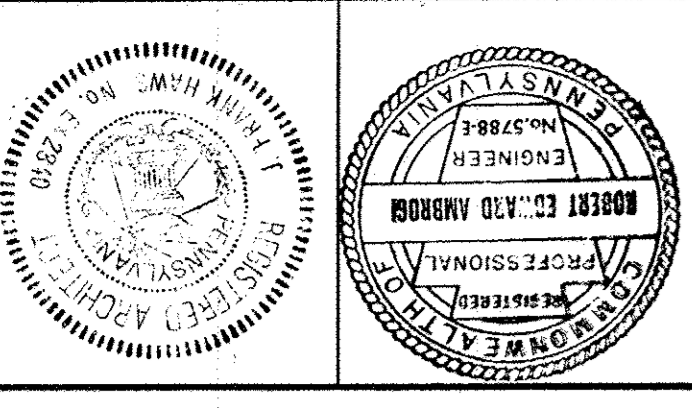
PHILADELPHIA
ARCHITECTS
STONOROV AND HAWS
STRUCTURAL ENGINEERS: URBAN ENGINEERS, INC.
CONSULTING ENGINEER: CONSOLIDATED ENGINEERS, INC.

JOHN F. HARTMAN COMMUNITY SCHOOL
8TH AND CUMBERLAND STREETS
PHILADELPHIA, PA.
THE BOARD OF PUBLIC EDUCATION
THE 232 PROJECT D-P
NO. 19C

BOILER ROOM PLAN
SCALE: 1/4" = 1'-0"
NO. 19C
REVISIONS
DATE: APRIL 28, 1967
CHECKED
DRAWN

H6





PHILADELPHIA ARCHITECTS
STONOROV AND HAWS

PHILADELPHIA ARCHITECTS
STONOROV AND HAWS
CONSULTING ENGINEER: URBAN ENGINEERS, INC.
CONSULTING ENGINEER: CONSOLIDATED CONSULTANTS, INC.

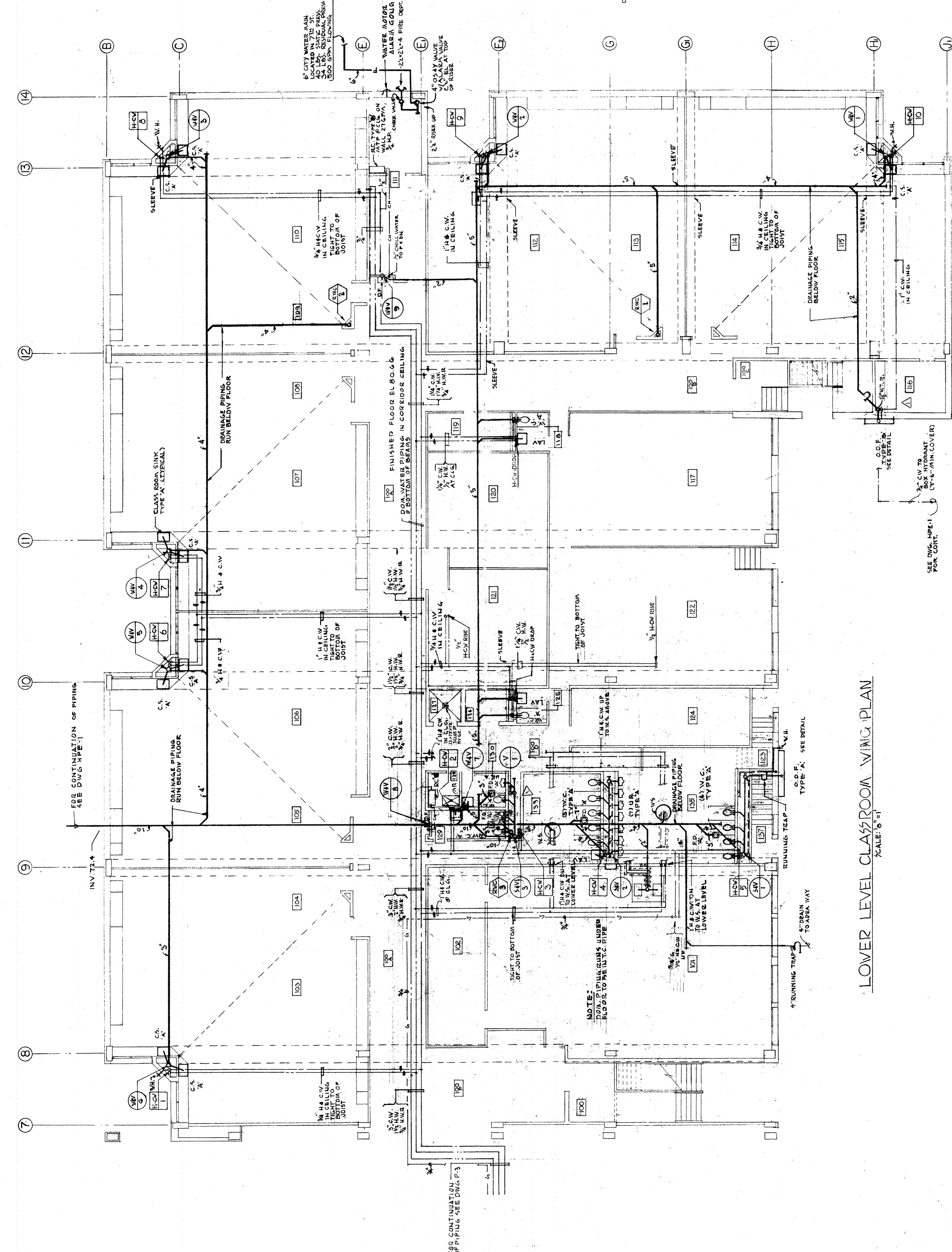
JOHN F. HARTSANT COMMUNITY SCHOOL
8TH AND CUMBERLAND STREETS
PHILADELPHIA, PA.
THE BOARD OF PUBLIC EDUCATION
BUILDING NO. 19C TYPE 232 PROJECT D-P

NO.	REVISIONS
1	ISSUED FOR PERMITS
2	REVISED TO CORRECT WITH
DATE	DATE
APRIL 18, 1967	6/7/67

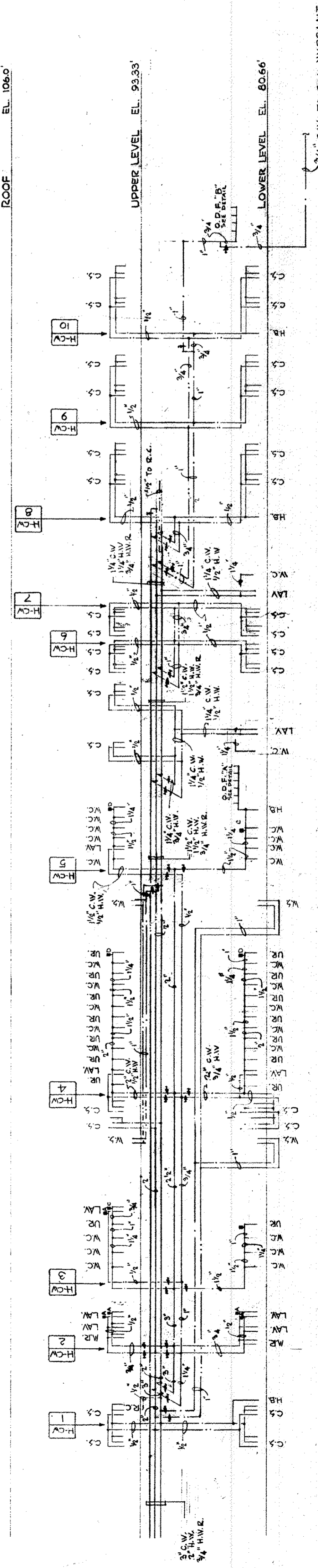
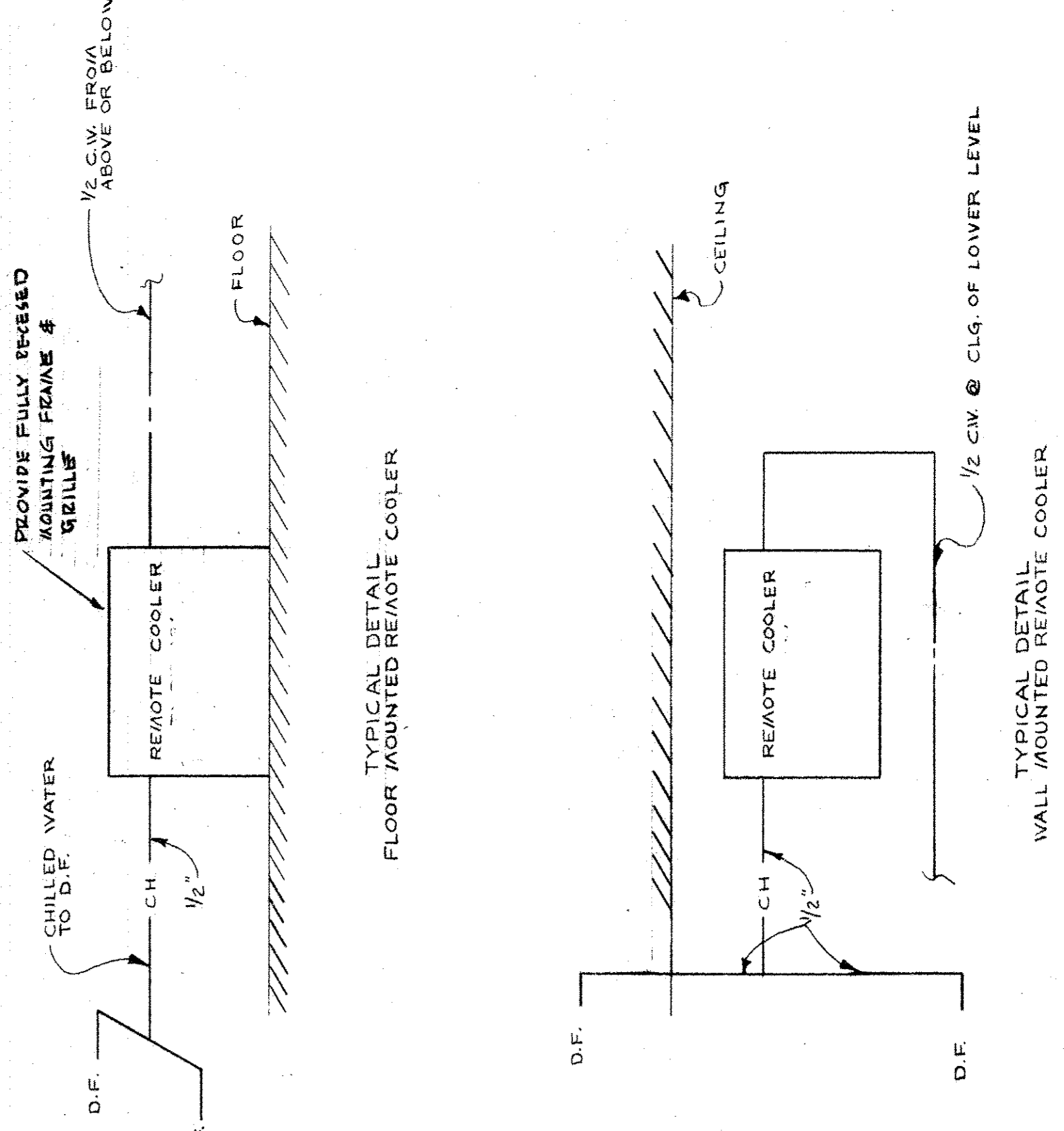
SCALE
DATE
CHECKED
DRAWN

PLUMBING LEGEND

- | | |
|---|-------------------------------|
| SYMBOLS | ABBREVIATIONS |
| SOIL | AD AREA DRAIN |
| VENT | AP ACCESS PANEL |
| COLD WATER | CL CAST IRON PIPE |
| HOT WATER | CQ CLEAN OUT |
| RAIN WATER | DF DRINKING FOUNTAIN |
| RAIN WATER CONDUCTOR | D.F. ELECTRIC WATER COOLER |
| RAIN WATER REGULATOR | F.D. FLOOR DRAIN |
| GATE VALVE | FE FIRE EXTINGUISHER |
| GLOBE VALVE | MAH MANHOLE |
| UNION | C.B. CATCH BASIN |
| STEAMER | ODF OUTSIDE DRINKING FOUNTAIN |
| PIPE PRESSURE GAUGE | R.D. ROOF DRAIN |
| THERMOMETER | S.D. SHOWER DRAIN |
| SHOCK ABSORBER | UR URINAL |
| SOIL VENT STACK | WC WATER CLOSET |
| HOT WATER RISER | LAV LAVATORY |
| COLD WATER RISER | M.R. MOP RECEPTOR |
| RAIN WATER CONDUCTOR | WH WALL HYDRANT |
| CONNECTION OF SERVICES TO EXISTING SERVICES | W.V. WASTE VALVE |
| CLEAN OUT | C.A. SINK (CLASSROOM) |
| CHILL WATER | W.S. WASH SINK |
| SPRINKLER LINE | C.H. CHILLED WATER (DOVA) |
| | RC REMOTE COOLER |
| | G.T. GREASE TRAP |
| | C.D. CANOPY DRAIN |
| | H.B. HOSE BIBB |
- LETTERS INDICATE DETAIL OR SECTION DRAWING. SHET NUMBER WATER DETAIL IS DRAWN.



LOWER LEVEL CLASSROOM WING PLAN
SCALE: 1/8" = 1'



DOMESTIC PIPING DIAGRAM - CLASSROOM WING
NO SCALE

NOTE: CHECK SYMBOLS ARE USED ACCORDANCE WITH PD 1. STANDARDIZATION SYMBOLS SHOWN DESIGNATES PD 1 SYMBOL STANDARDIZATION FOR SIZING

1/2" CW TO BOX HYDRANT & PLANTING AREA

DRAWN	1.1
CHECKED	
F.A.D.	
DATE	APRIL 28, 1967
SCALE	

CLASSROOM WING, UPPER LEVEL

NO. 1

REVISIONS

DATE

NO. 2

NO. 3

NO. 4

NO. 5

NO. 6

NO. 7

NO. 8

NO. 9

NO. 10

NO. 11

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JOHN F. HARTMAN COMMUNITY SCHOOL
PHILADELPHIA, PA.

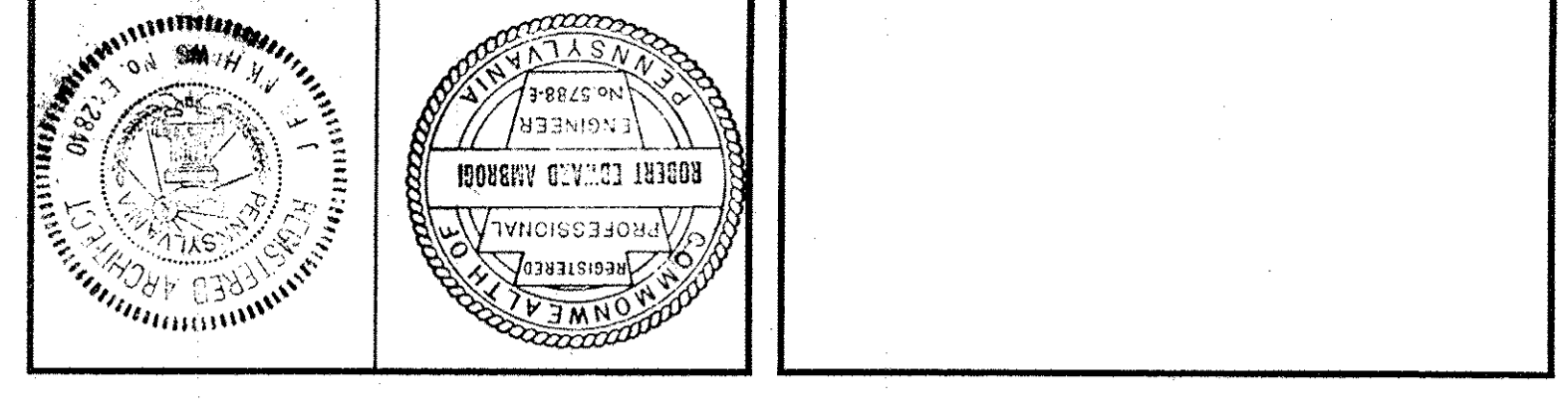
8TH AND CUMBERLAND STREETS
THE BOARD OF PUBLIC EDUCATION
PHILADELPHIA, PA.

BUILDING NO 19C PROJECT D-2

CONSULTING ENGINEER, URBAN ENGINEERS, INC.
PHILADELPHIA

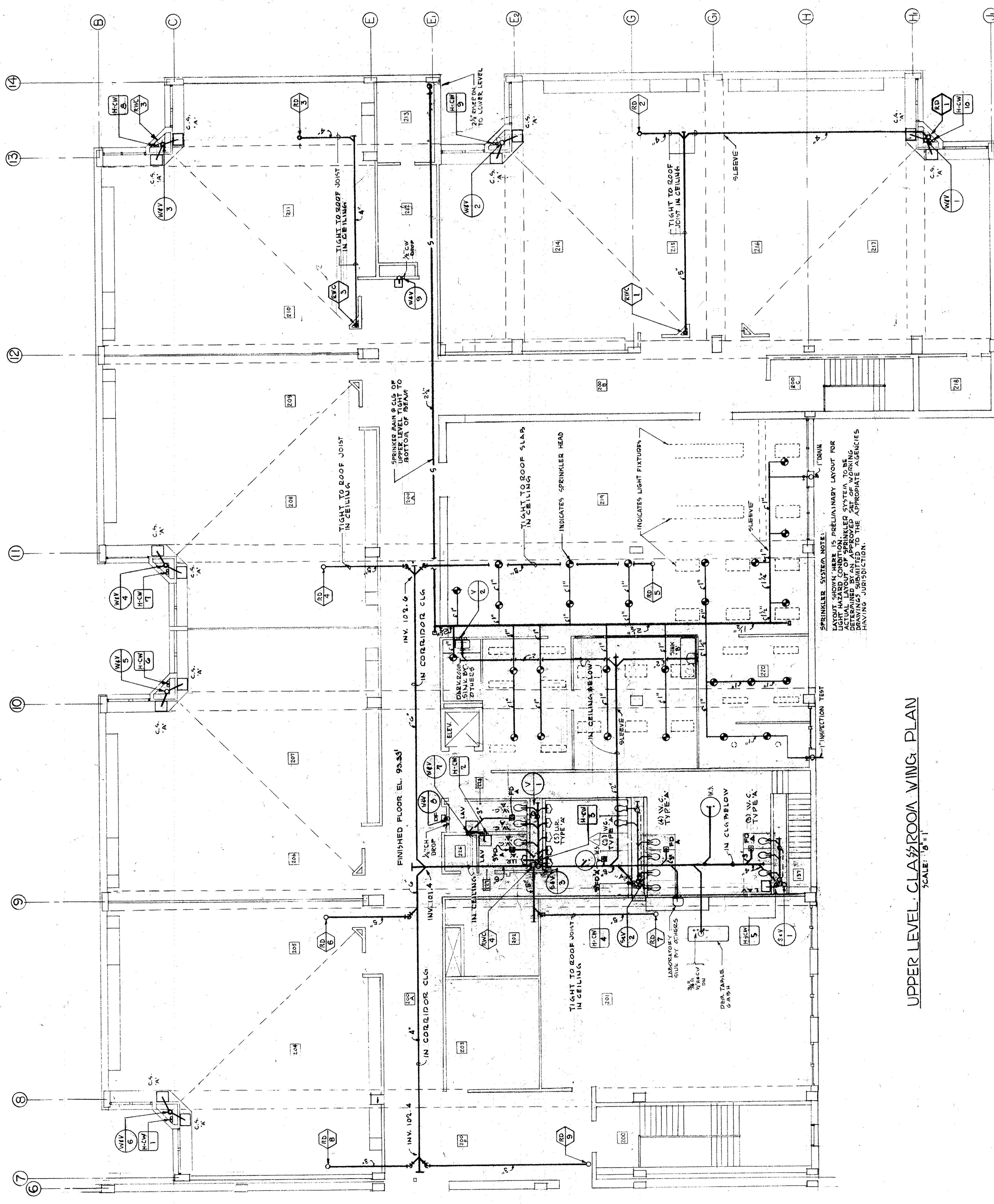
STRUCTURAL ENGINEER, URBAN ENGINEERS, INC.
CONSULTING ENGINEER, CONSOLIDATED CONSULTANTS, INC.
PHILADELPHIA

STONOROV AND HAWS ARCHITECTS
PHILADELPHIA PENNSYLVANIA

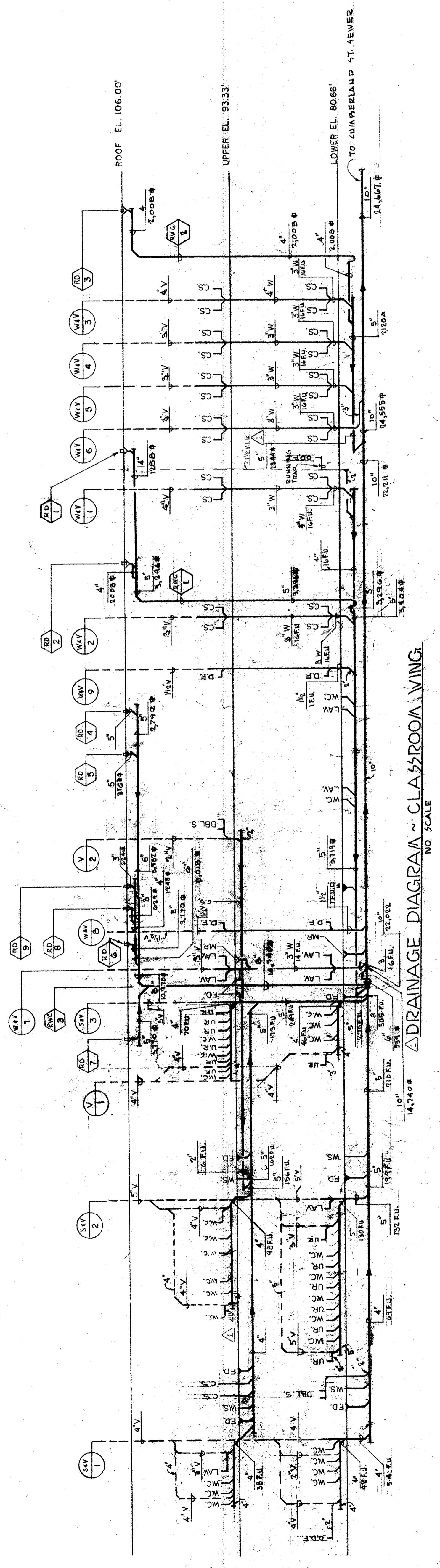


FLUSHMETER DATA

A. SIZE OF WATER MAIN 3.5" DIA.
B. DIAMETER OF WATER SERVICE PIPE 1.5" DIA.
C. DIAMETER OF WATER SERVICE PIPE 1.5" DIA.
D. ELEVATION OF WATER SERVICE PIPE 450 FT
E. ELEVATION OF WATER SERVICE PIPE 450 FT
F. NO. OF WATER CLOSETS 10
G. NO. OF URINALS 10
H. FLUSHMETERS SHALL BE EQUIPPED WITH VACUUM BREAKERS



UPPER LEVEL CLASSROOM WING PLAN
SCALE: 1/8" = 1'-0"



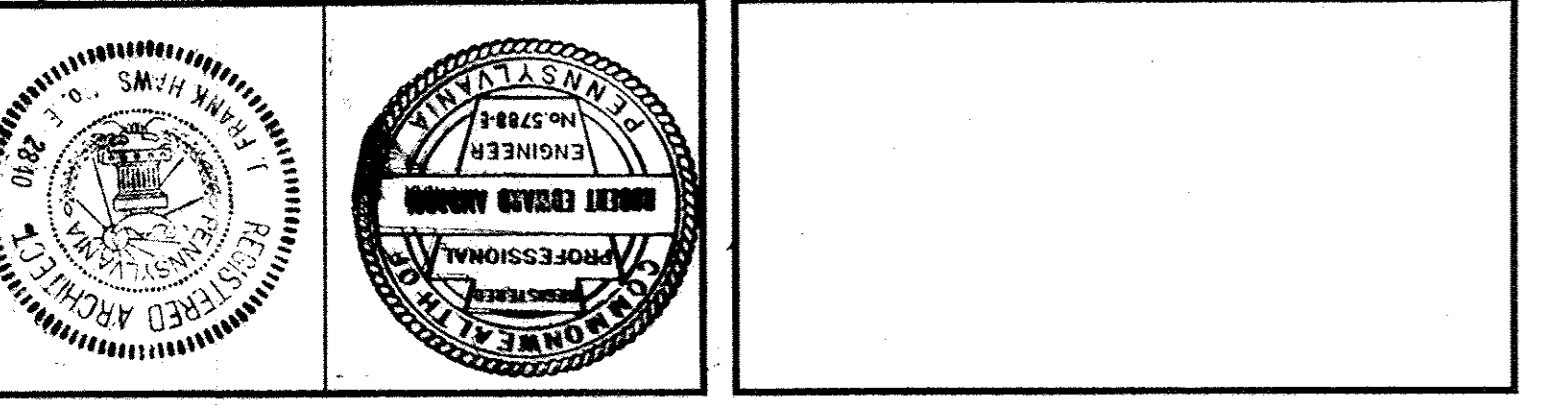
DRAINAGE DIAGRAM OF CLASSROOM WING
NO SCALE

SCALE	AS SHOWN
DATE	APRIL 28, 1967
CHECKED	F.A.D.
DRAWN	J.P.

NO.	1
REVISIONS	
DATE	
BY	
DESCRIPTION	

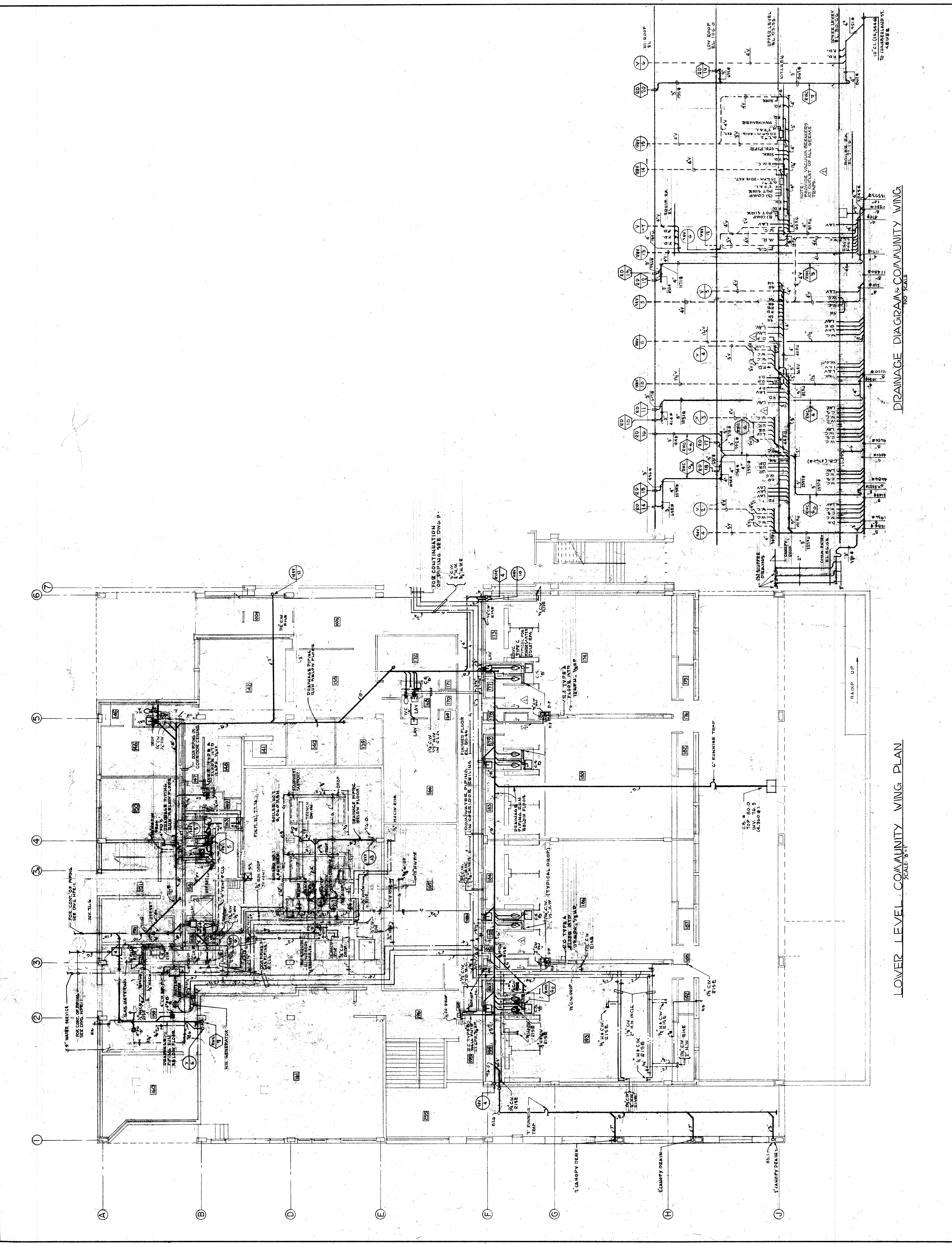
COMMUNITY WING, LOWER LEVEL
 JOHN F. HARTMAN COMMUNITY SCHOOL
 8TH AND CUMBERLAND STREETS
 PHILADELPHIA, PA.
 THE BOARD OF PUBLIC EDUCATION
 PROJECT D-P
 BUILDING NO. 19C TYPE 232

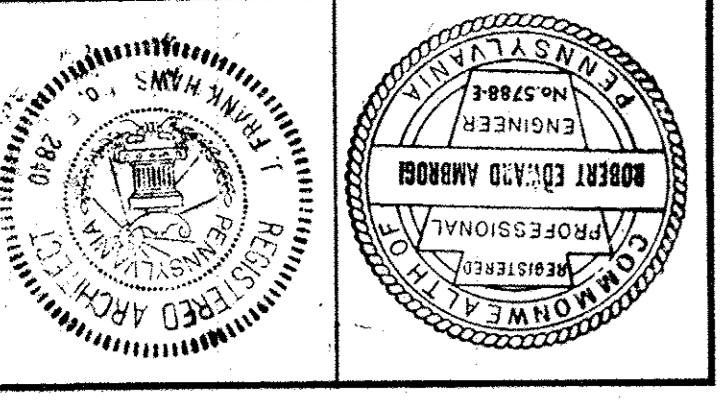
STONOROV AND HAWS ARCHITECTS
 PHILADELPHIA PENNSYLVANIA
 STRUCTURAL ENGINEER, URBAN ENGINEERS, INC.
 CONSULTING ENGINEER, CONSOLIDATED CONSULTANTS, INC.



DRAINAGE DIAGRAM - COMMUNITY WING
 NO. SCALE

LOWER LEVEL COMMUNITY WING PLAN
 SCALE: 1/8" = 1'





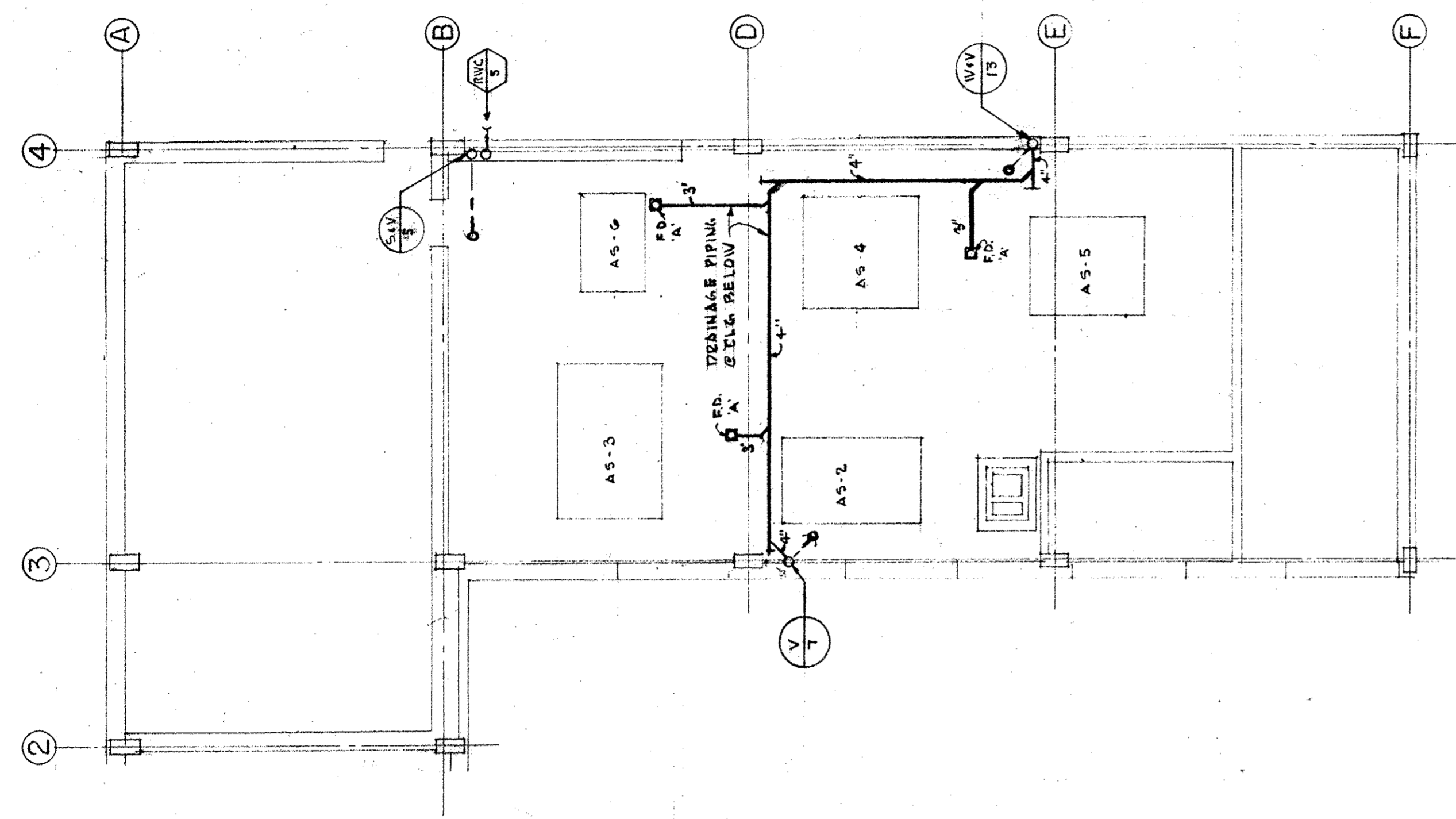
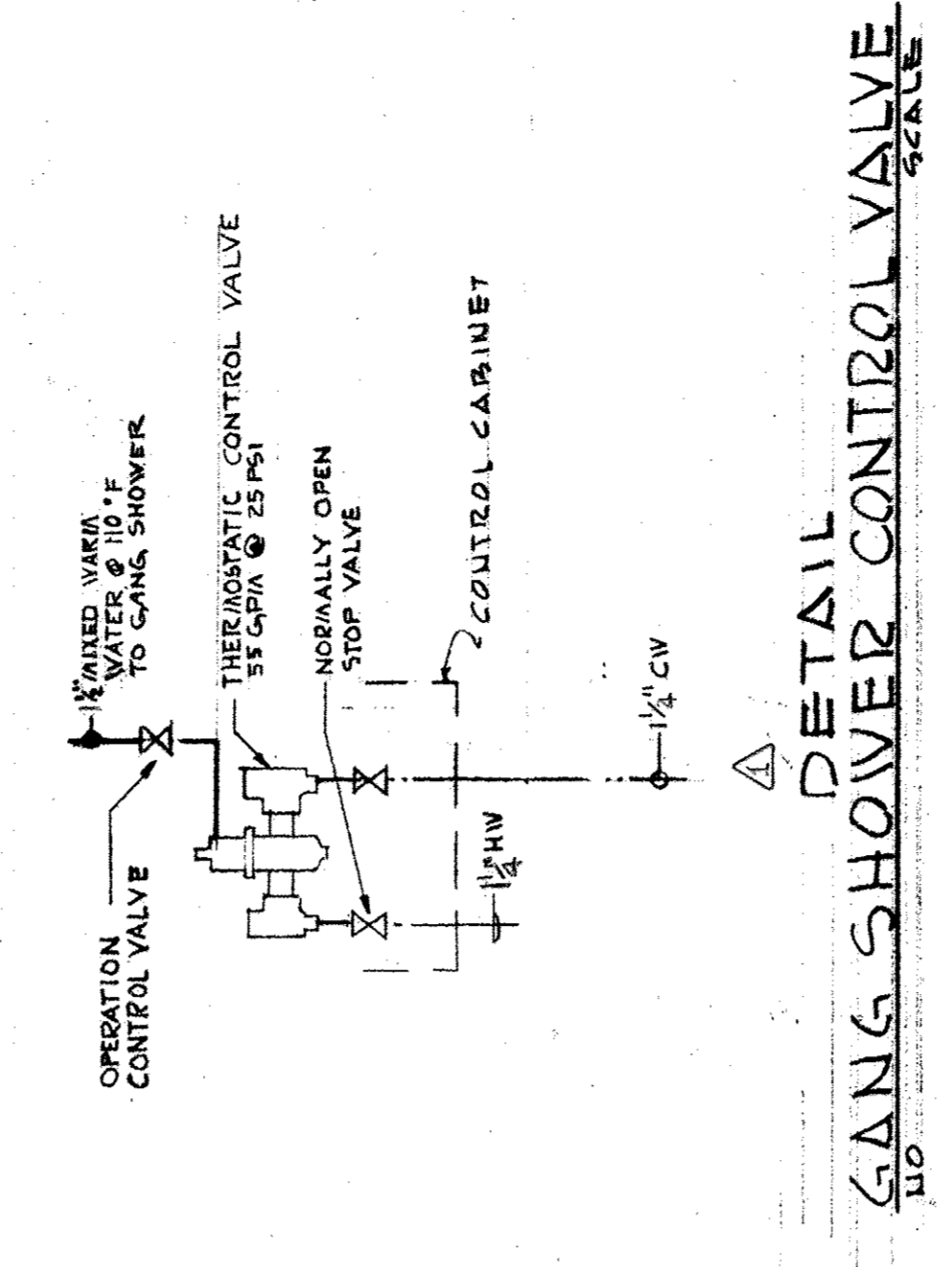
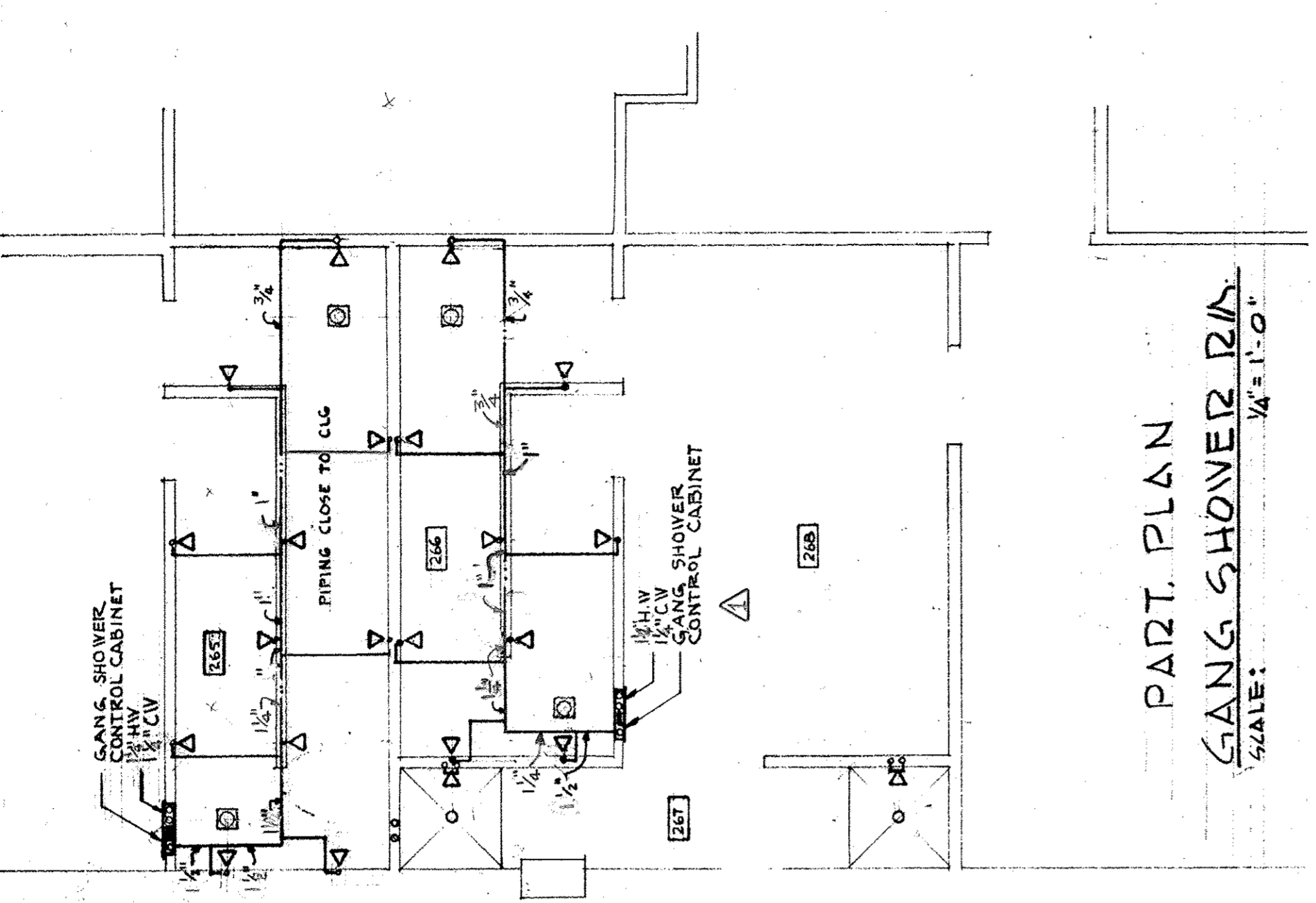
STONOROV AND HAWS ARCHITECTS
PHILADELPHIA
STRUCTURAL ENGINEERS, URBAN ENGINEERS, INC.
CONSULTING ENGINEER, CONSOLIDATED CONSULTANTS, INC.

JOHN F. HARTMAN COMMUNITY SCHOOL
8TH AND CUMBERLAND STREETS
PHILADELPHIA, PA.
SCHOOL DISTRICT OF PHILADELPHIA
PROJECT D-4
BLDG. NO. 19C TRF 232

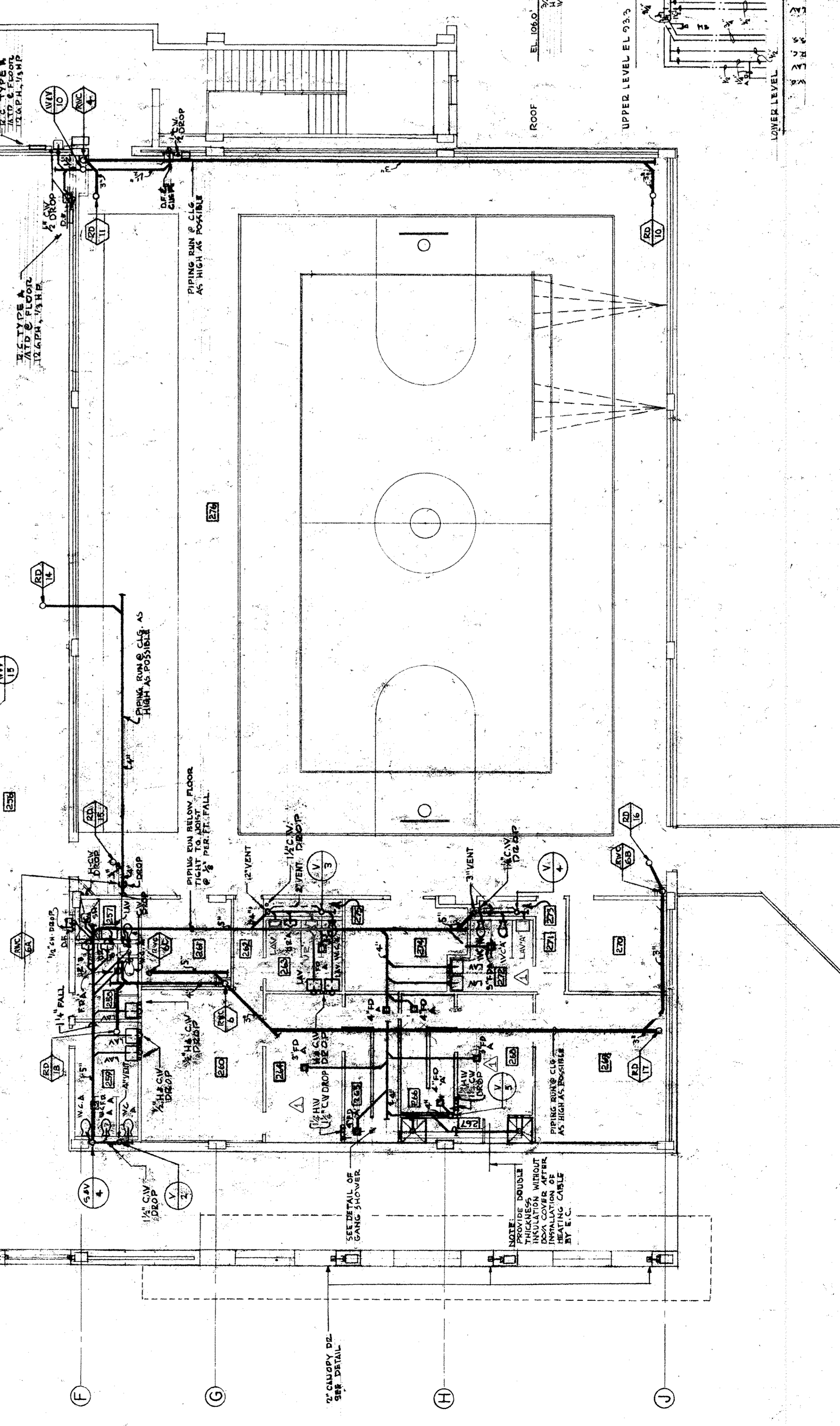
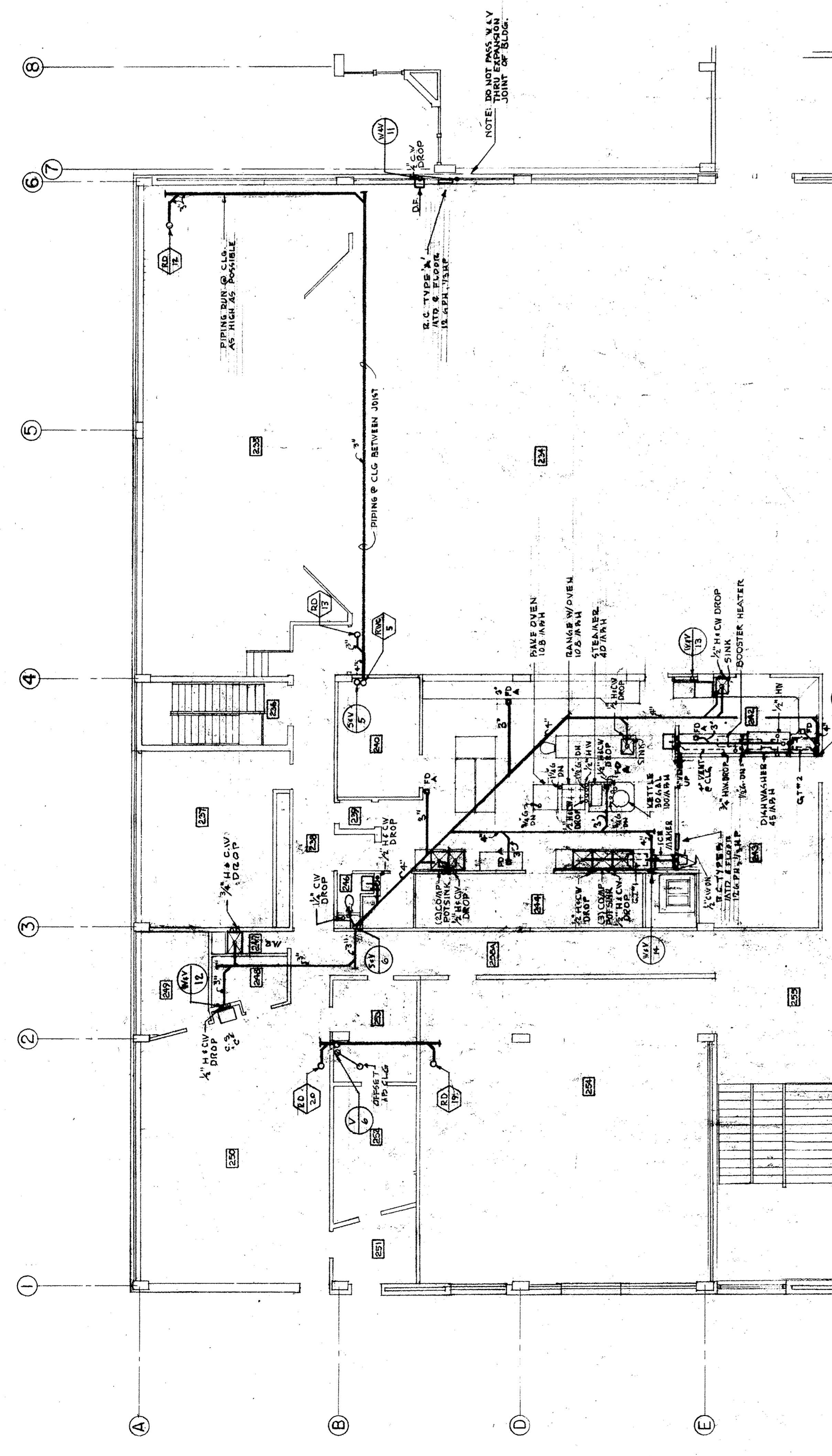
NO.	REVISIONS
1	ISSUED FOR CONSTRUCTION WITH DATE 5/11/67
2	
3	
4	

COMMUNITY WING, UPPER LEVEL
DATE: APR 28, 1967
SCALE: 1/8" = 1'-0"

DATE: APR 28, 1967
SCALE: 1/8" = 1'-0"

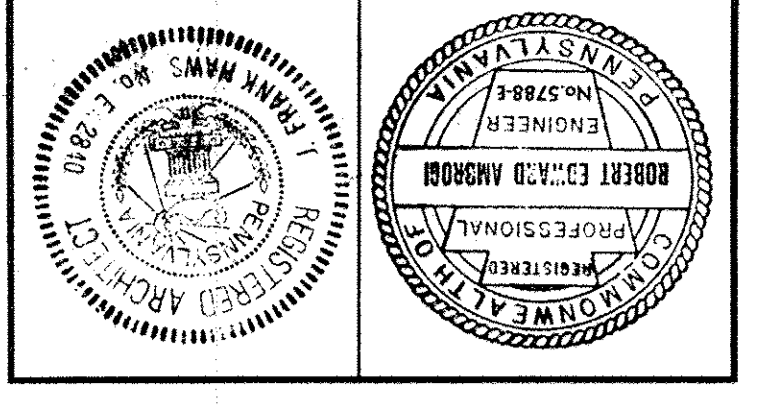


PART PLAN
EQUIPMENT ROOM
SCALE: 1/8" = 1'-0"



UPPER LEVEL COMMUNITY WING PLAN

DOMESTIC PIPING DIAGRAM - COMMUNITY WING
NO. SCALE



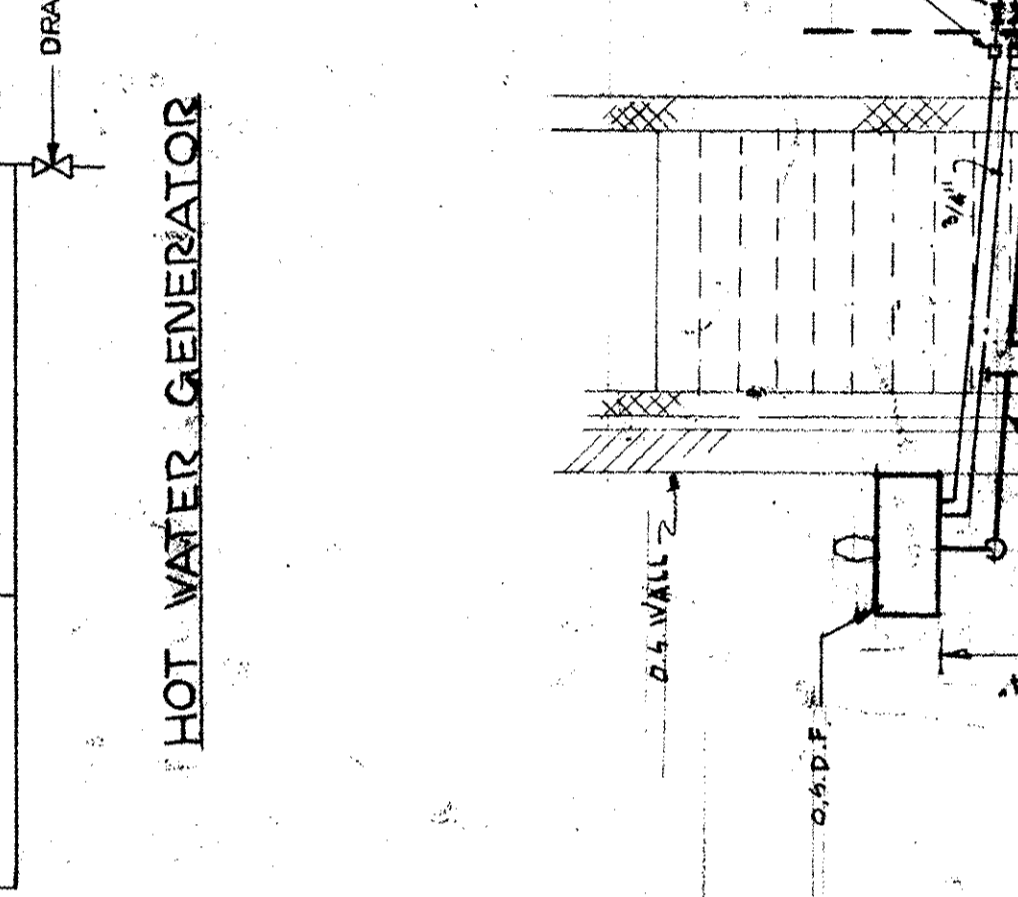
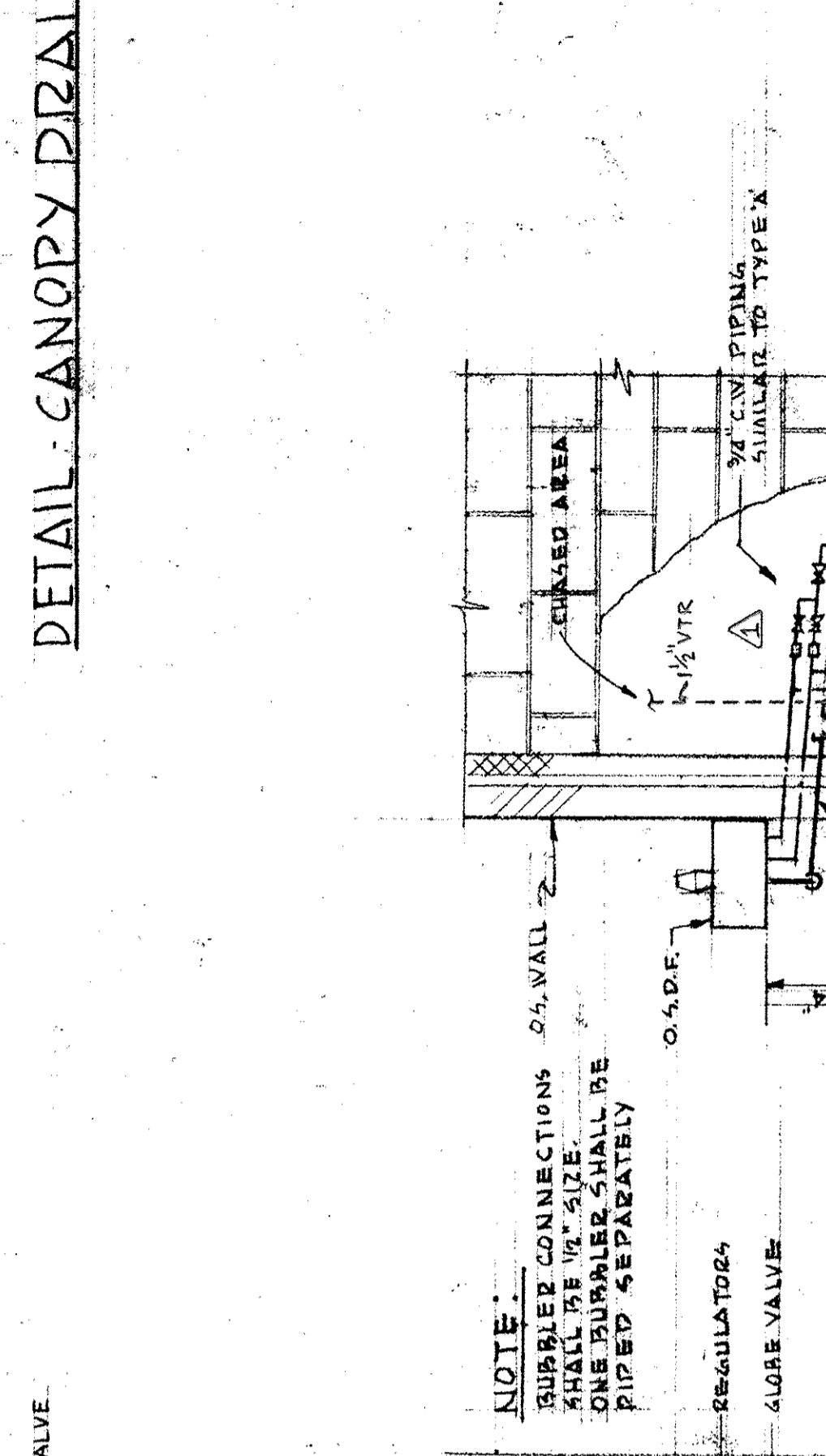
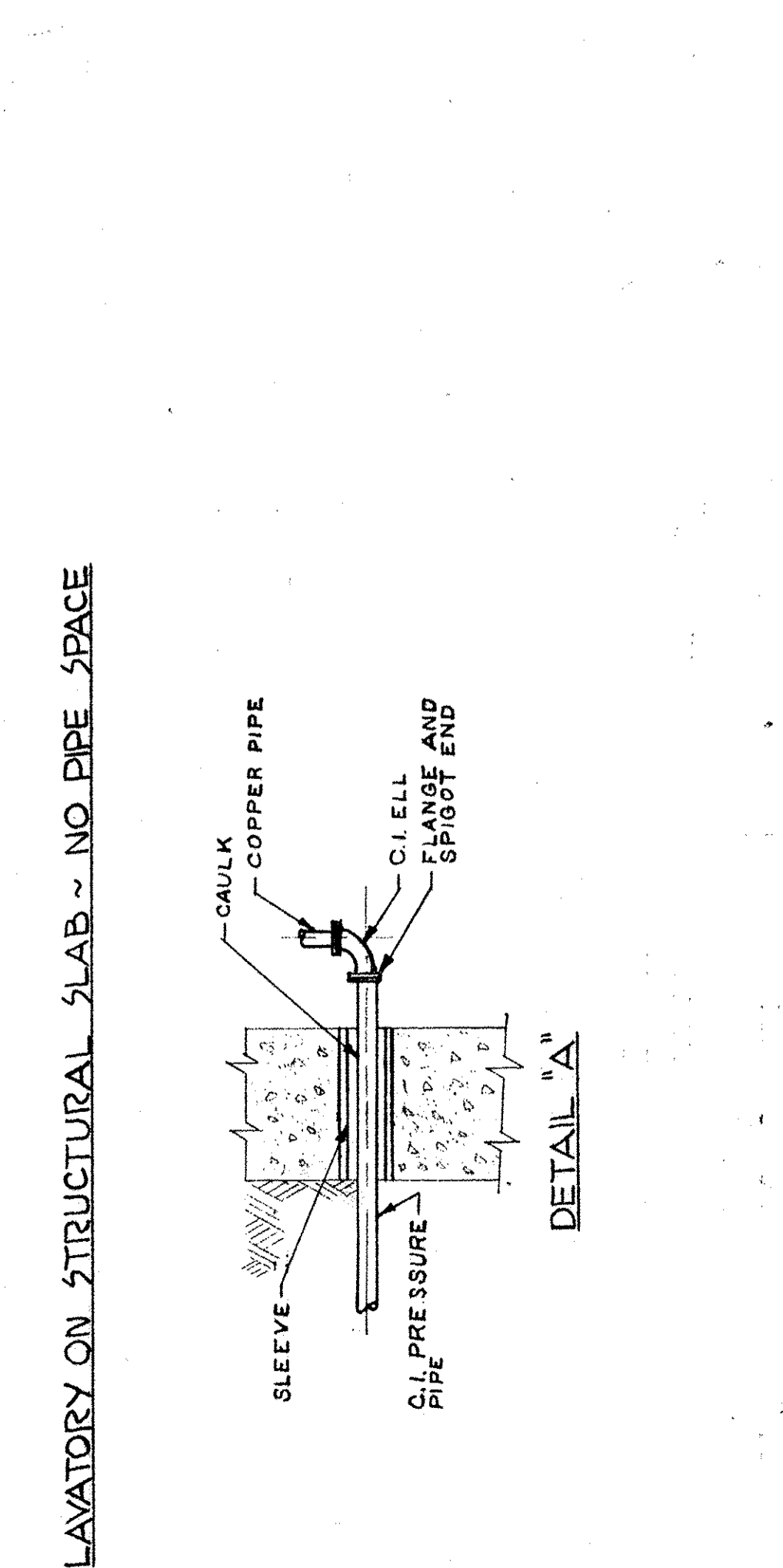
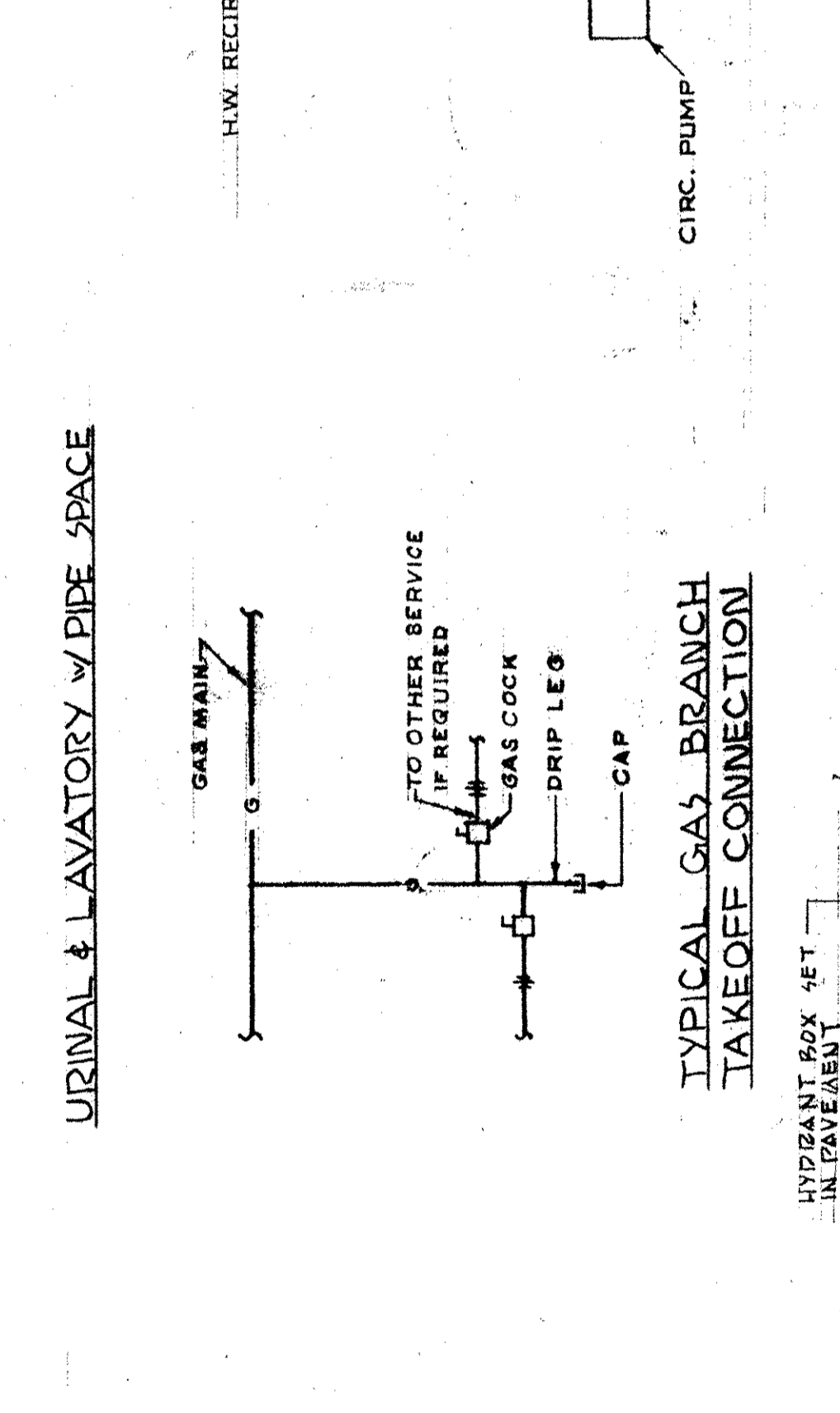
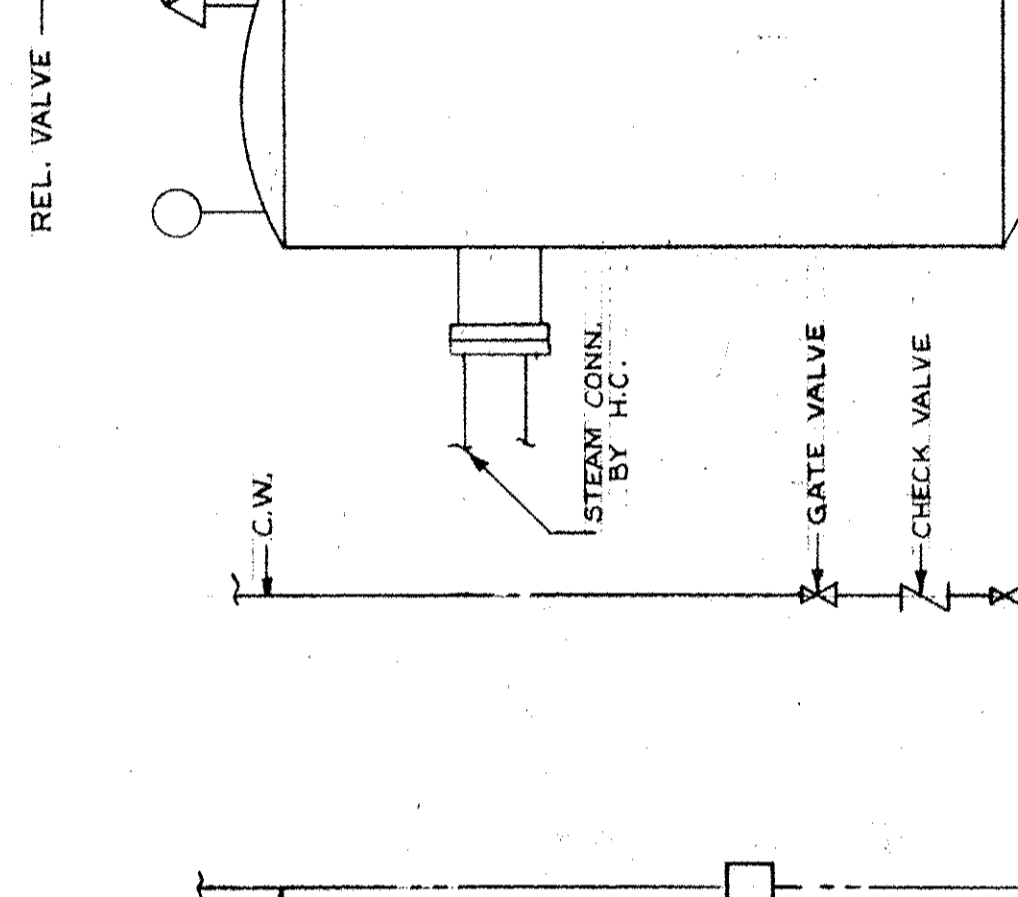
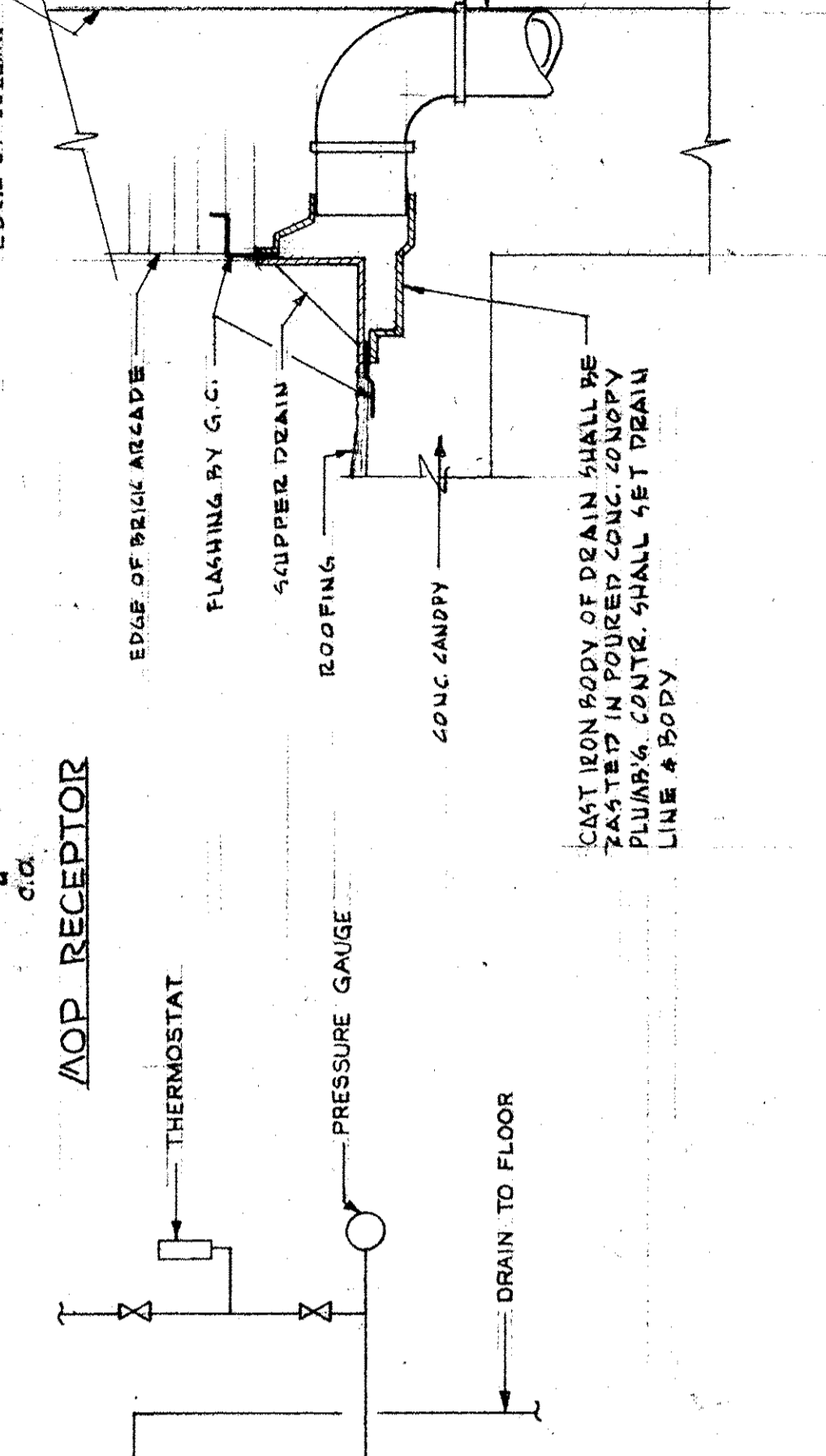
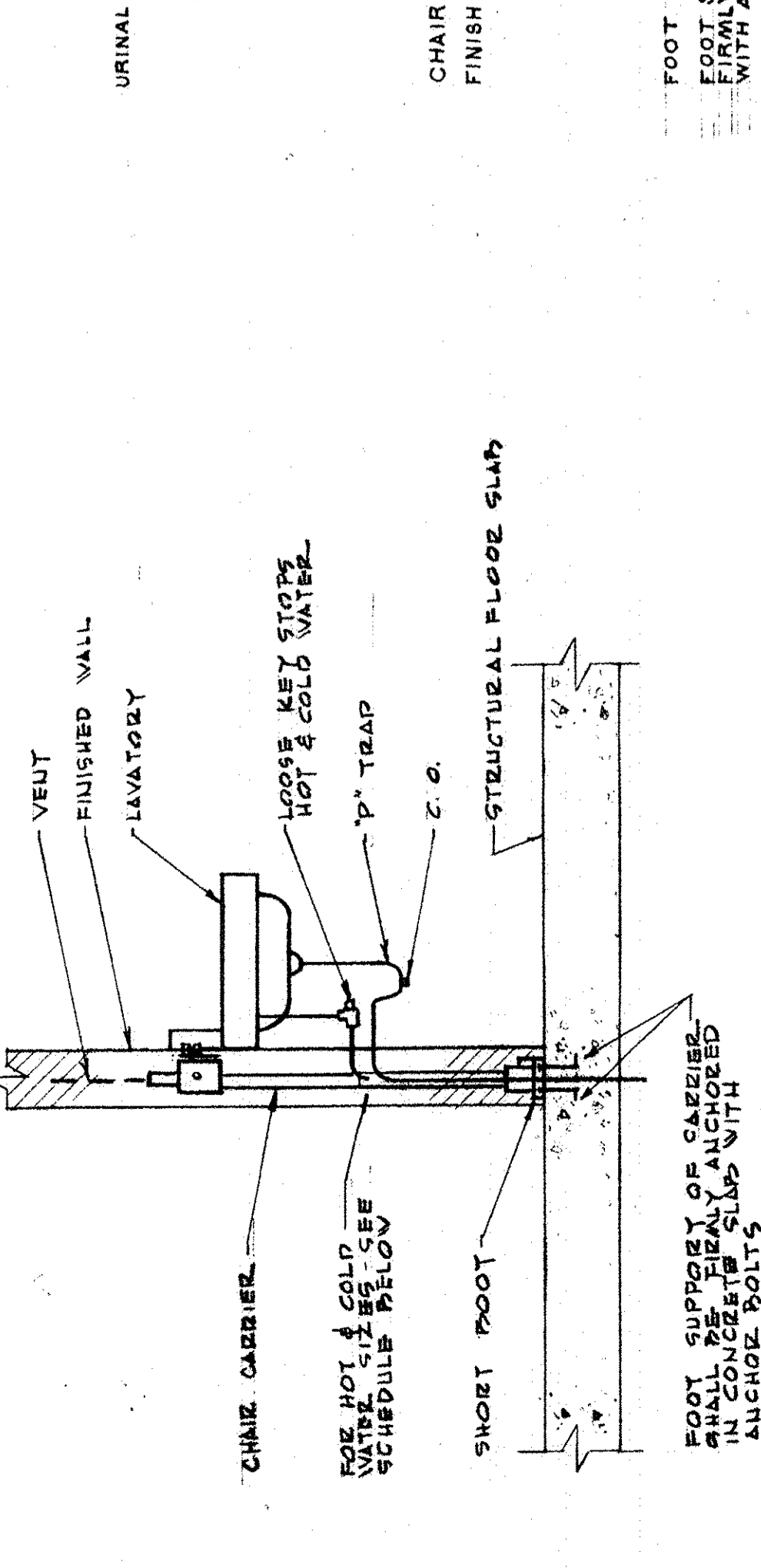
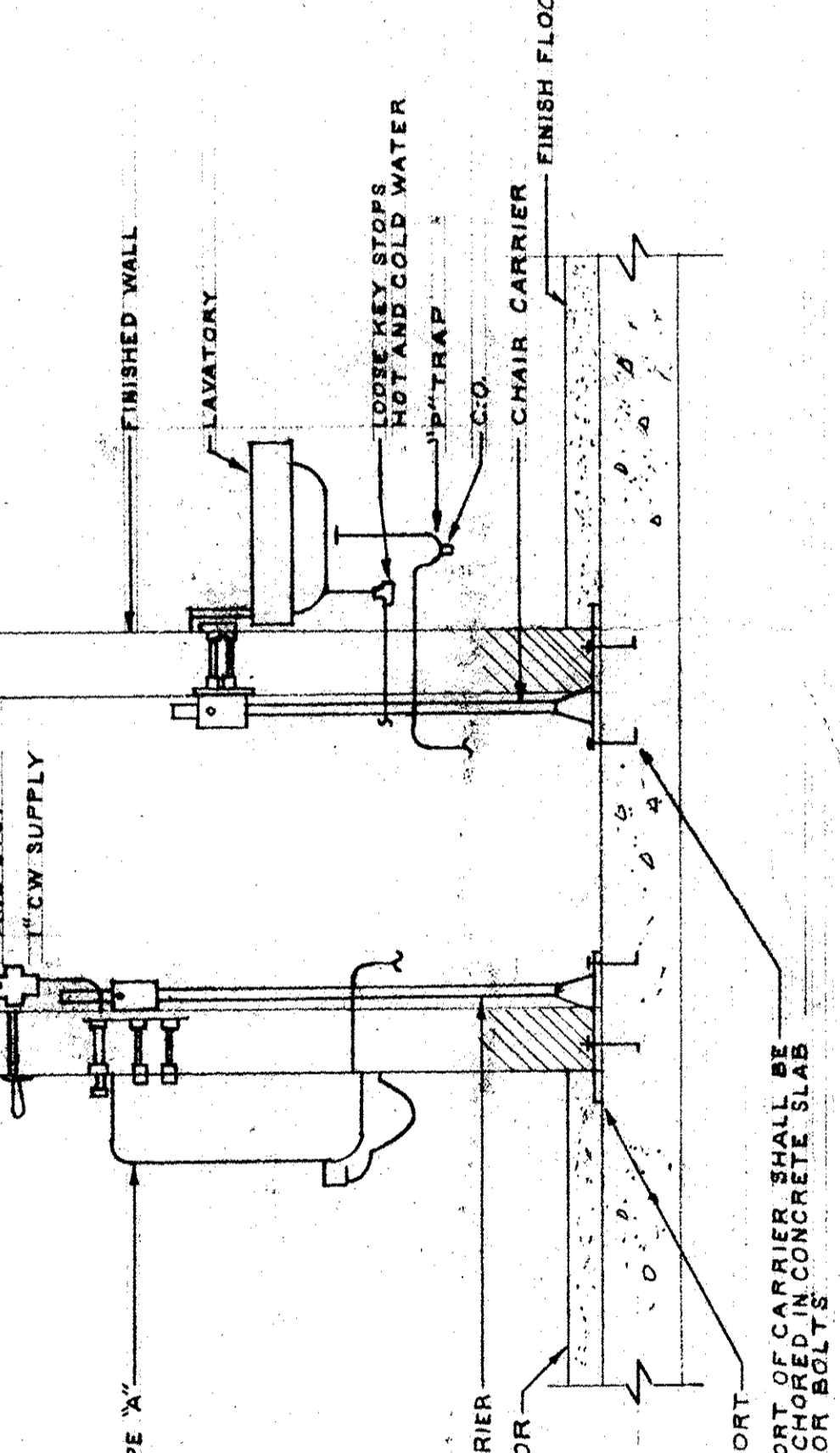
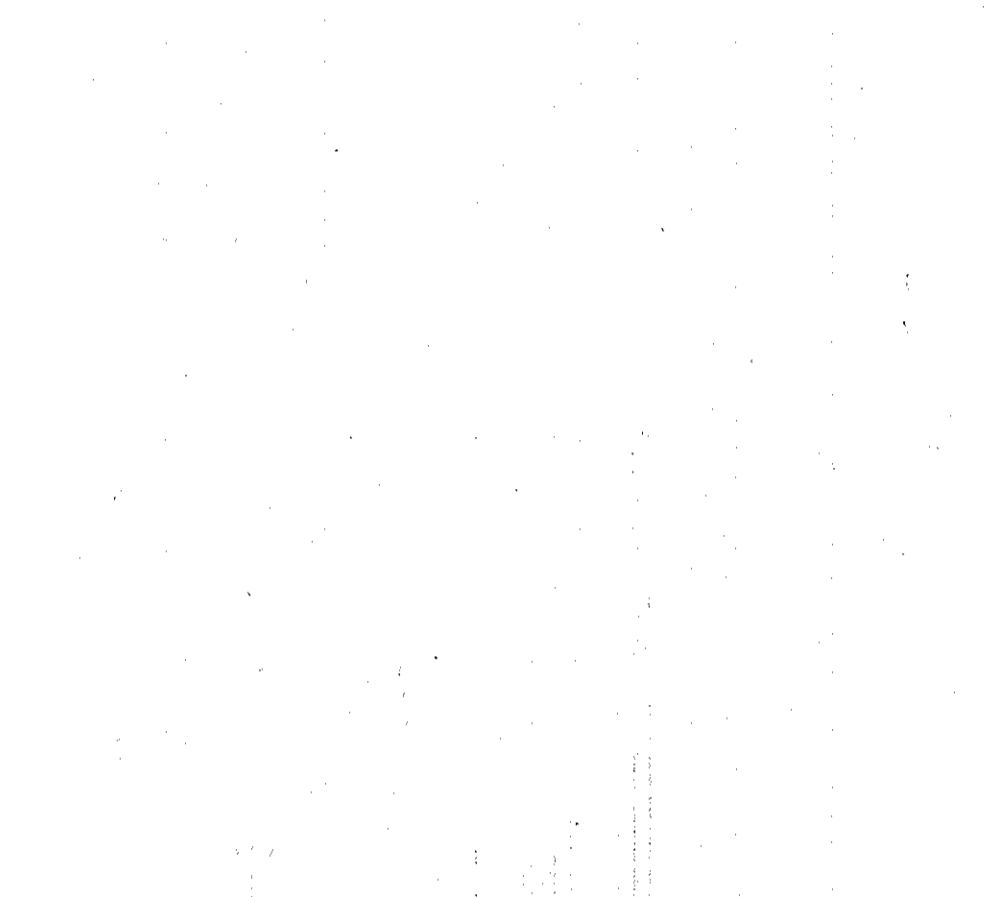
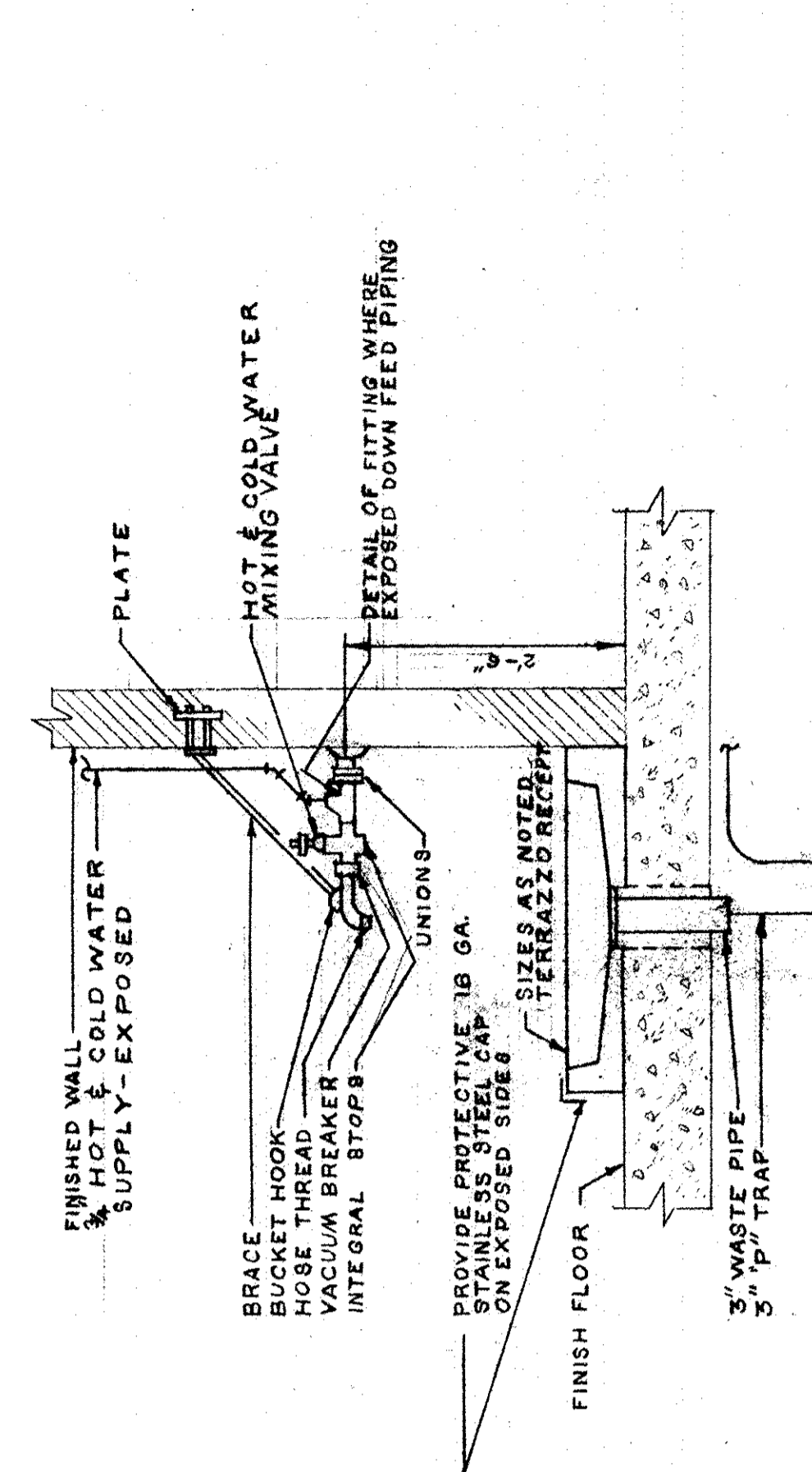
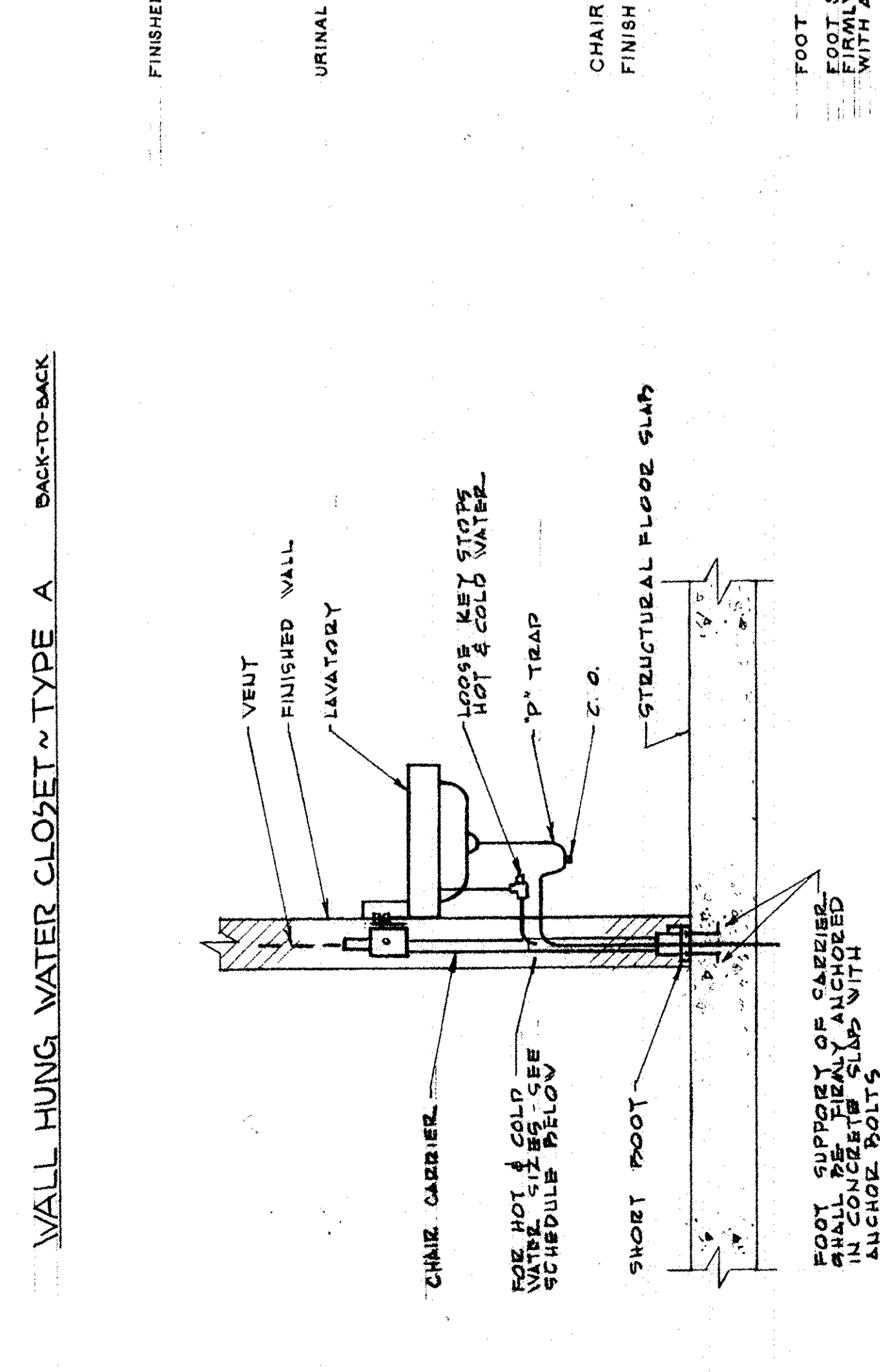
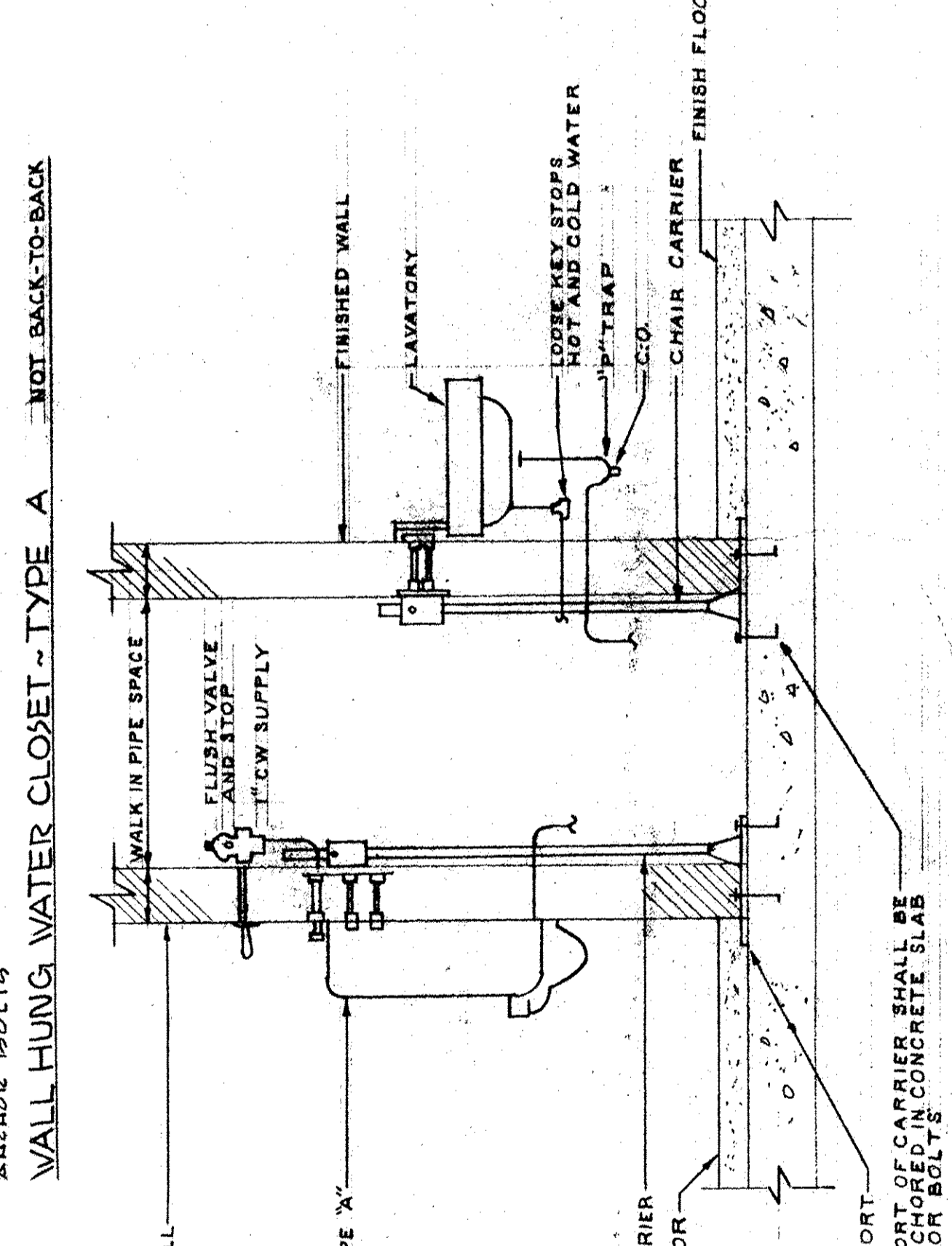
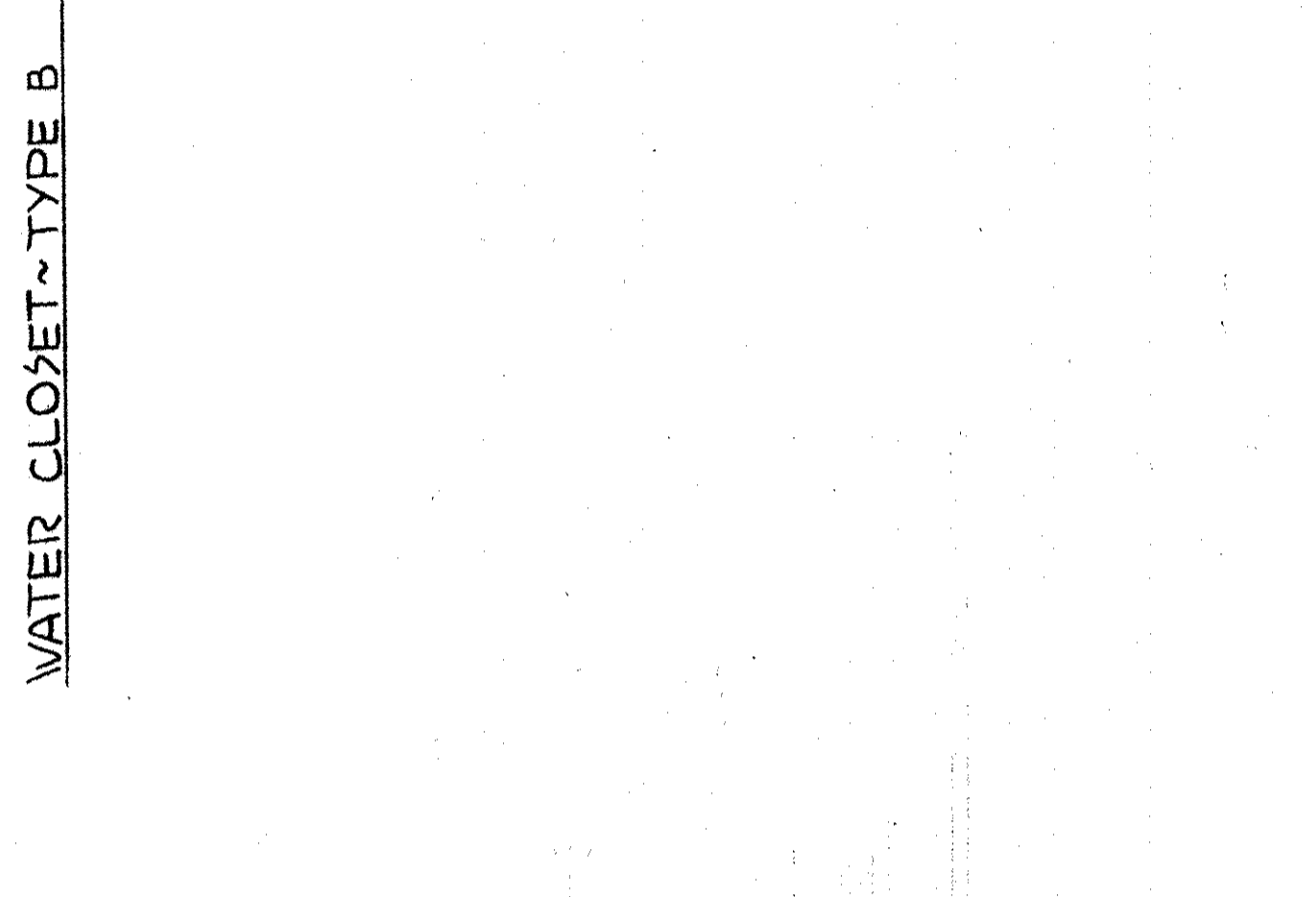
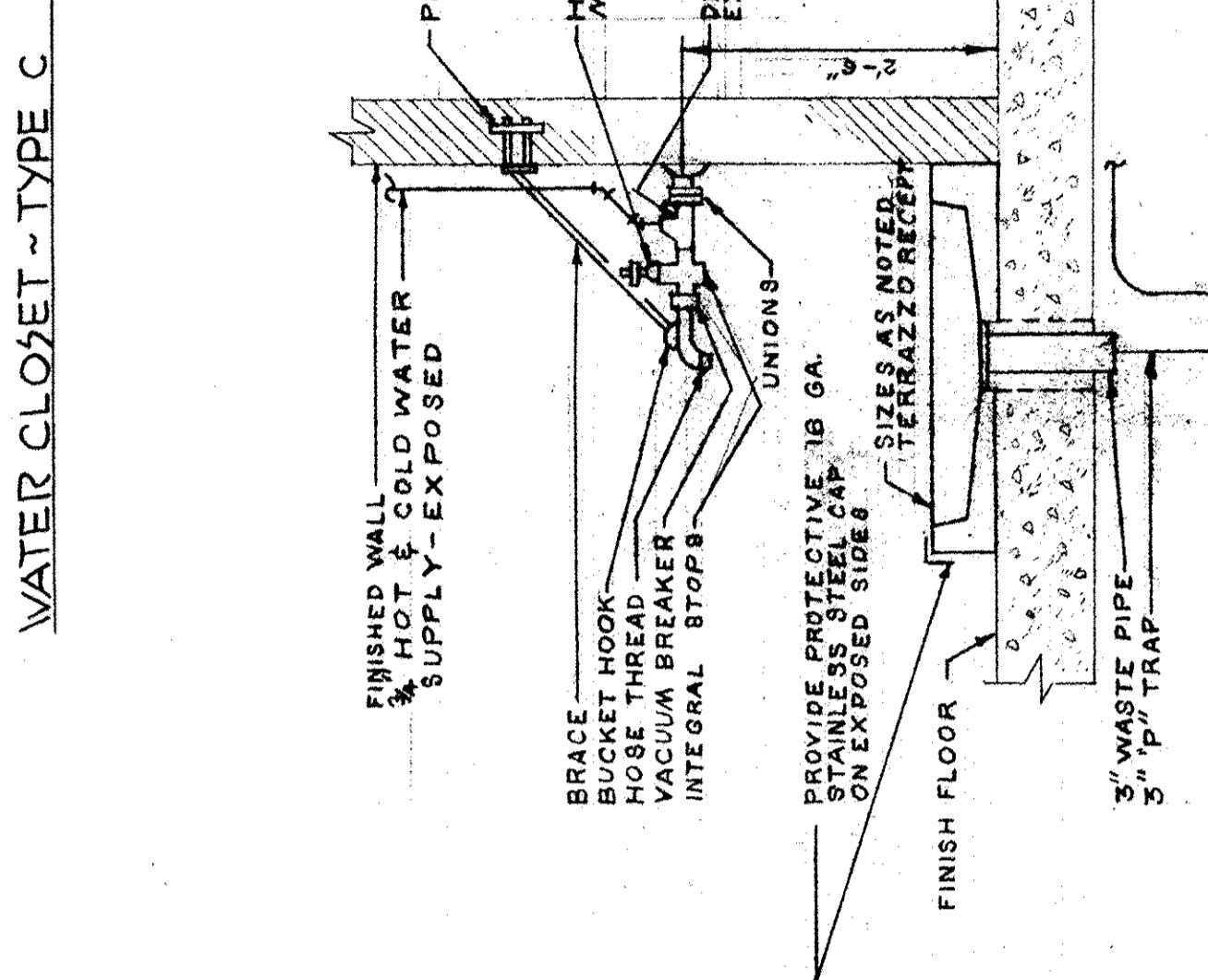
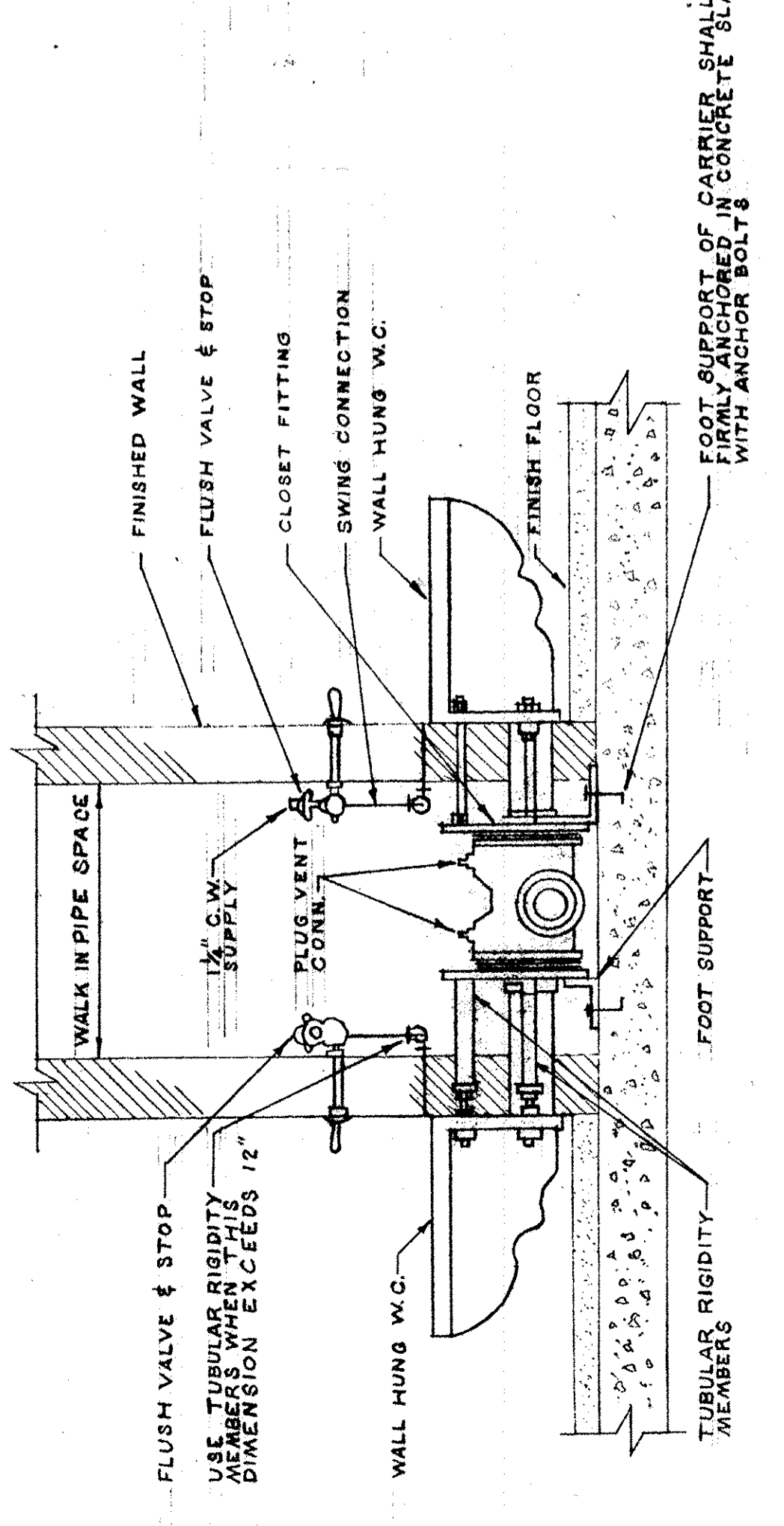
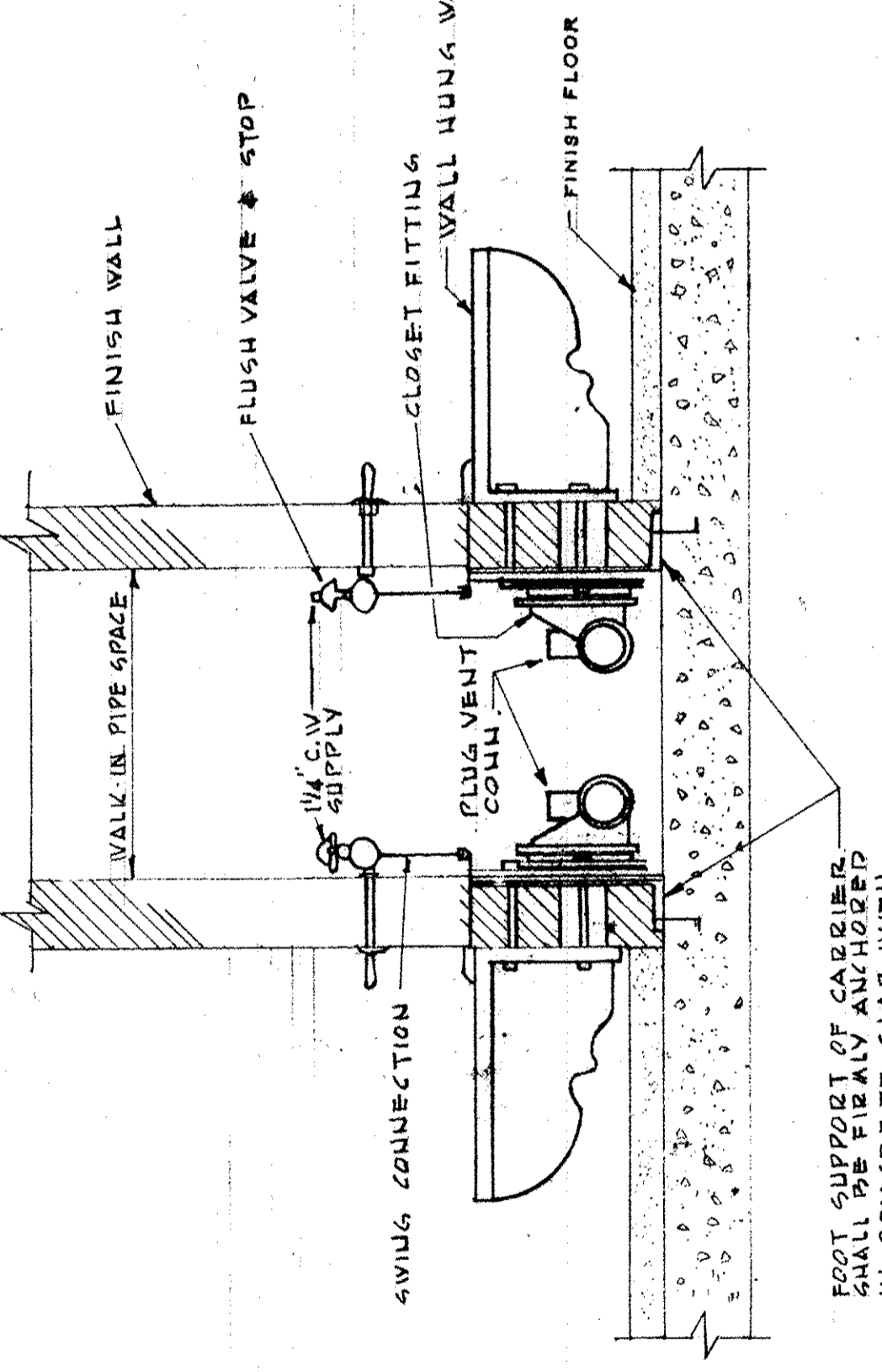
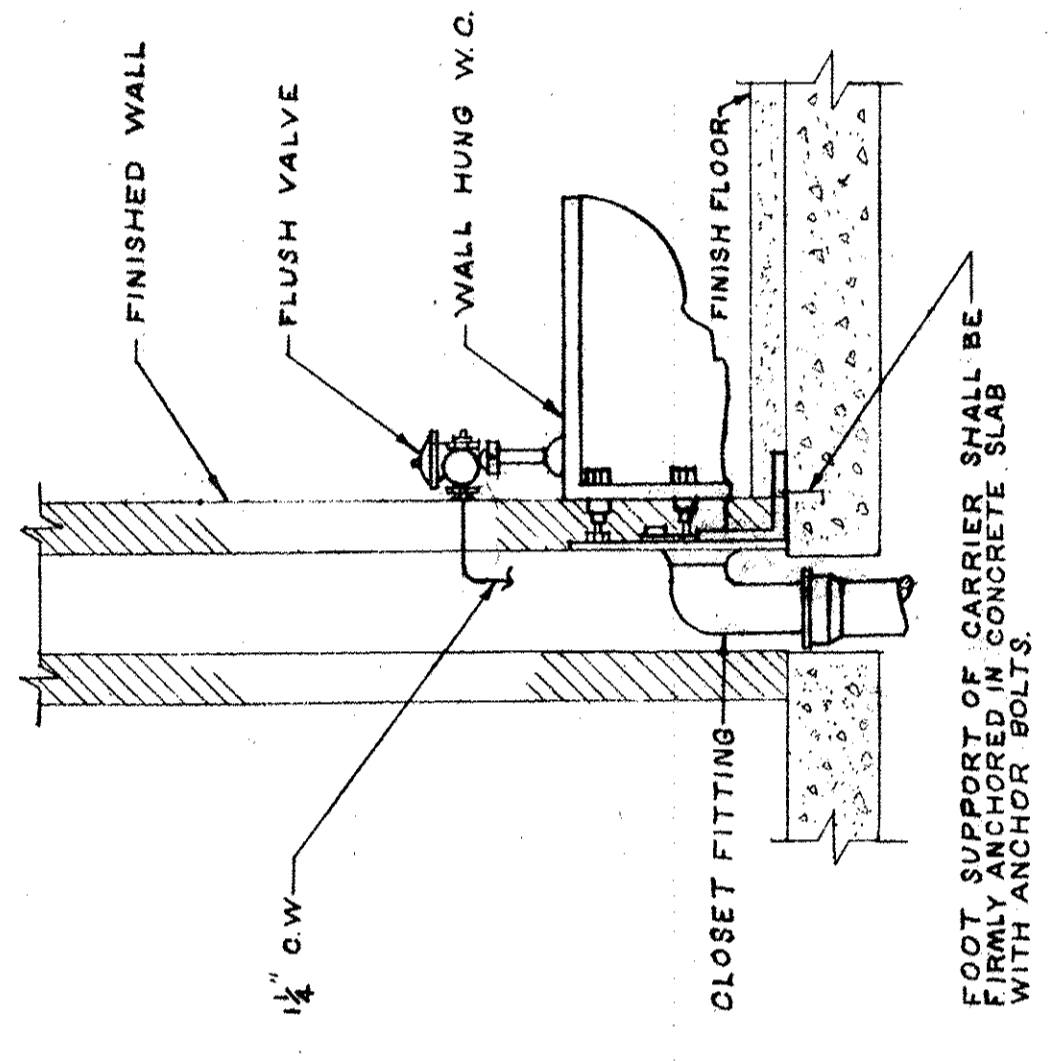
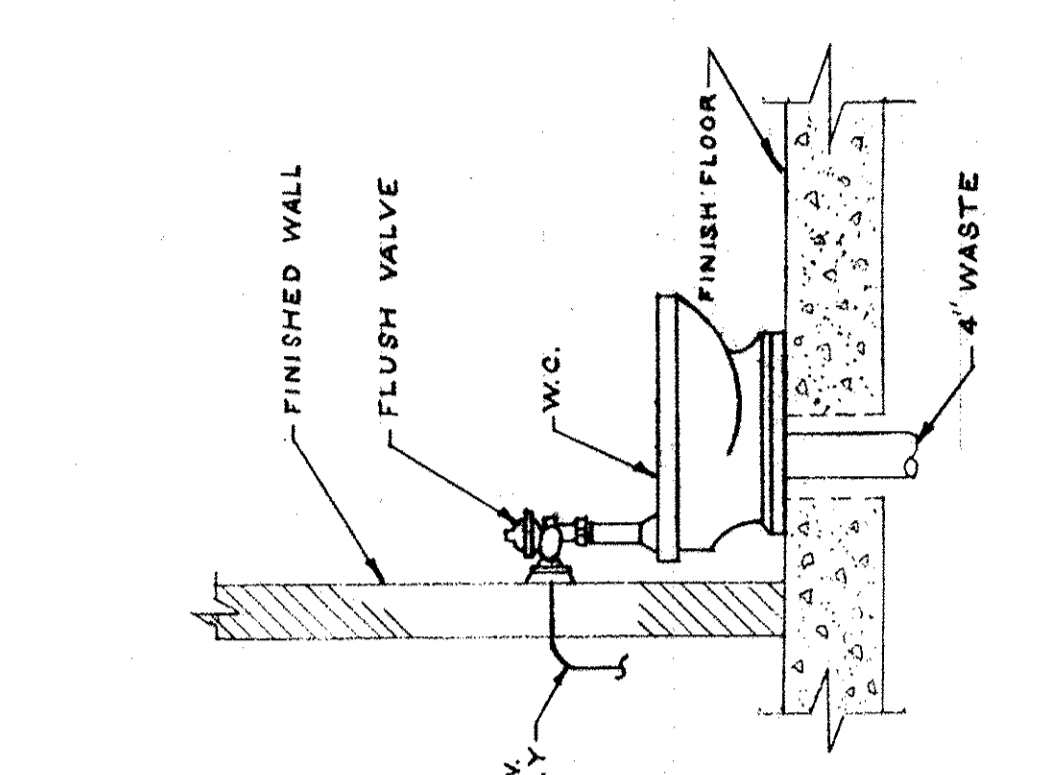
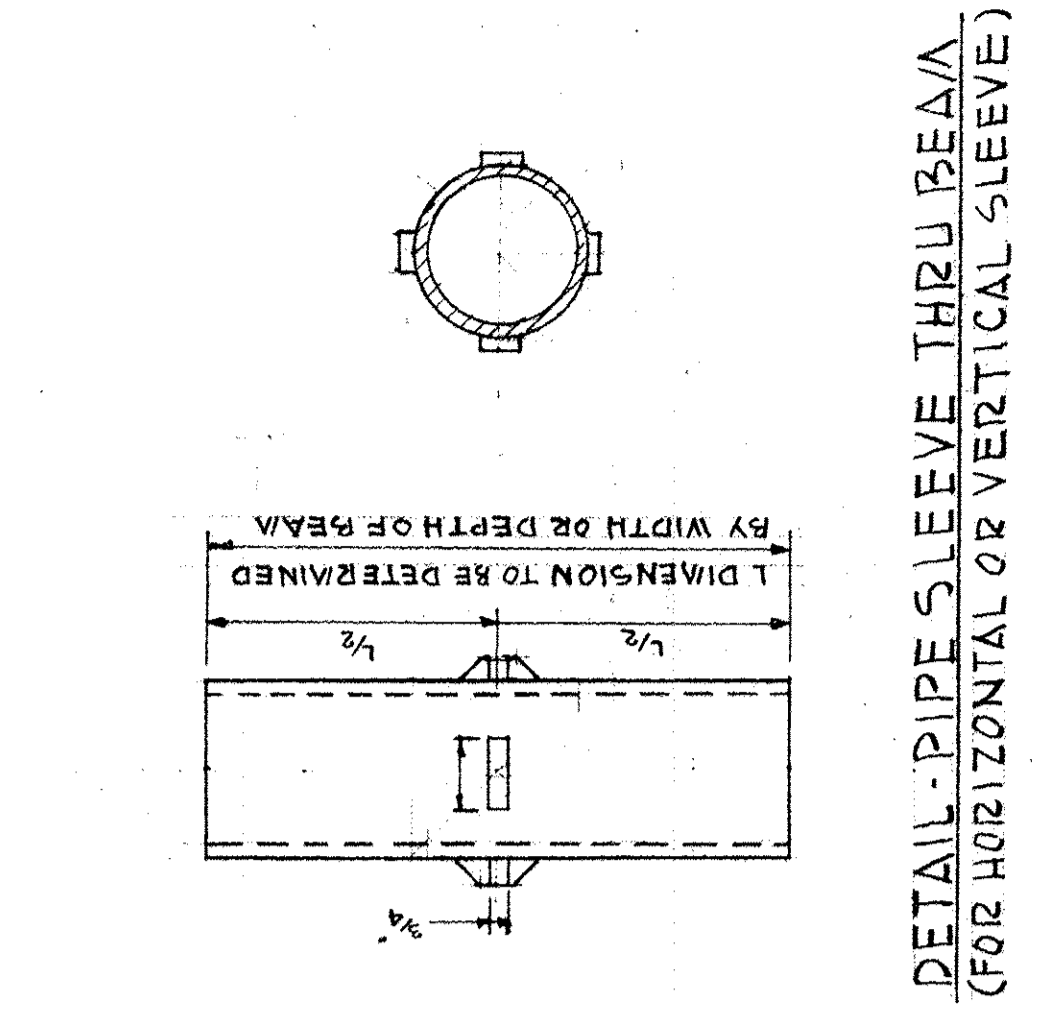
STONOROV AND HAYS ARCHITECTS
PHILADELPHIA PENNSYLVANIA

STONOROV AND HAYS ARCHITECTS
PHILADELPHIA PENNSYLVANIA
STRUCTURAL ENGINEERS, URBAN ENGINEERS, INC.
CONSULTING ENGINEERS, CONSULTANTS, INC.

JOHN F. HARTMAN COMMUNITY SCHOOL
8TH AND CUMBERLAND STREETS
PHILADELPHIA, PA.
THE BOARD OF PUBLIC EDUCATION
PHILADELPHIA, PA.
TYPE 232
BUILDING NO. 19C

NO.	REVISIONS	DATE
1	REVISED TO CONFORM WITH 5/21/67	

DRAWN
CHECKED
DATE APR. 18, 1967
SCALE
P 6



PLUMBING FIXTURE SCHEDULE

FIXTURE	C.W.	H.K.	DRAIN	SYMBOL	W.C.H.T.	FIXTURE UNIT
URINAL	1"	1/2"	2"	UR	2	5
LAVATORY	1/2"	1/2"	1 1/2"	LAV	2	2
DRINKING FOUNTAIN	1/2"	3/8"	1 1/2"	DF	10	10
WOP RECEPTOR	3/8"	1/2"	3"	M.R.	4-5	4-5
SINK	1/2"	1/2"	1 1/2" - 2"	SINK	12	12
WATER CLOSET	1/2"	1/2"	4"	W.C.	6	6
SHOWER	1/2"	1/2"	2"	SH	10	10
FLOOR DRAIN	1/2"	3"	3"	F.D.	10	10
DISH WASHER	3/4"	3"	3"	D.W.	10	10
GREASE TRAP	1"	3"	3"	G.T.	10	10

