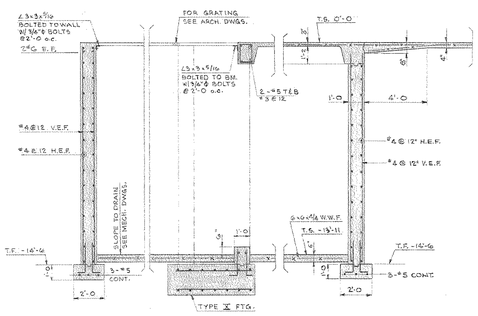
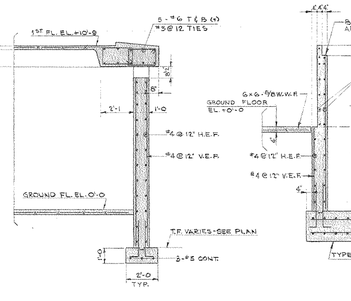
FOOTING SCHEDULE		
MARK	SIZE	REINFORCEMENT
I	5'-6 SQ. x 12"	5-#5 E.W.B.
II	4'-6 SQ. x 16"	6-#6 E.W.B.
III	5'-6 SQ. x 20"	8-#6 E.W.B.
IV	6'-6 SQ. x 26"	8-#7 E.W.B.
V	7'-0 SQ. x 24"	10-#7 E.W.B.
VI	7'-6 SQ. x 24"	9-#8 E.W.B.
VII	14'-6 SQ. x 44"	19-#10 E.W.B.
VIII	6'-0 x 12'-0 x 20"	7-#6 x 12'-6 E.L.T. 6-#6 x 5'-6 E.S.T.
IX	7'-0 x 14'-0 x 20"	8-#5 x 10'-6 E.L.T. 6-#5 x 10'-6 E.S.T.

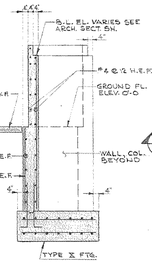


SECTION 1/S1 — 1/4" = 1'-0

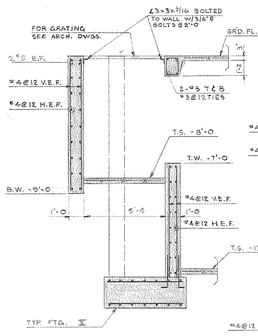
SECTION 2/S1 — 1/4" = 1'-0



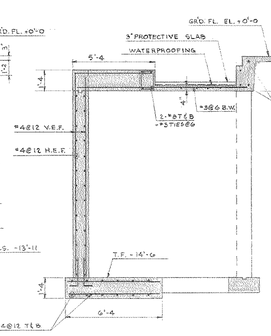
SECTION 3/S1 — 1/4" = 1'-0



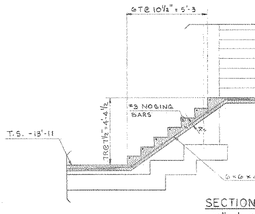
SECTION 4/S1 — 1/4" = 1'-0



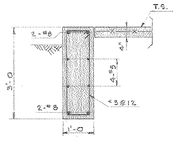
SECTION 5/S1 — 1/4" = 1'-0



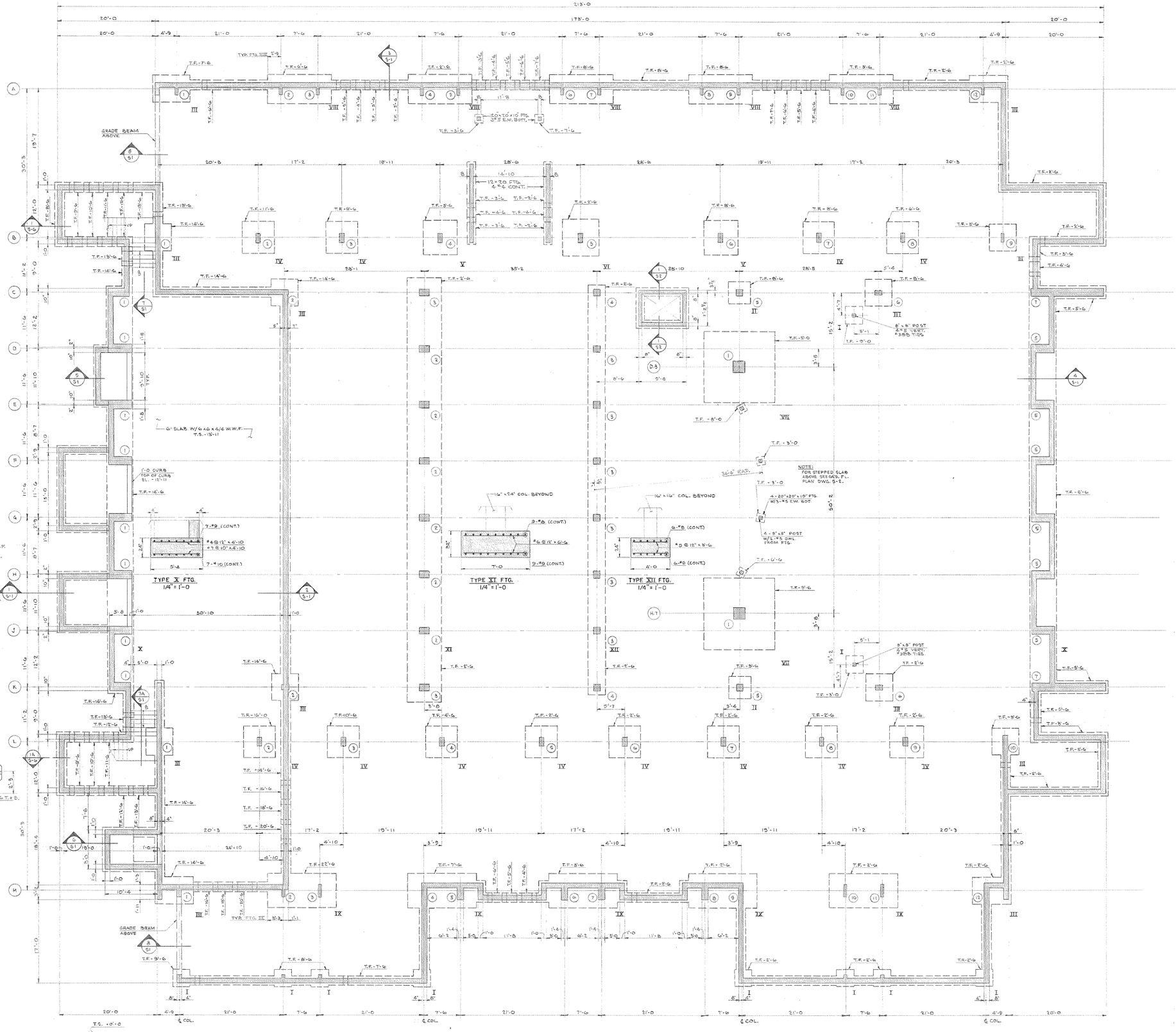
SECTION 6/S1 — 1/4" = 1'-0



SECTION 7/S1, 7A/S1 (OPP. HAND) — 1/4" = 1'-0



SECTION 8/S1 — 1/2" = 1'-0



FOUNDATION PLAN

SCALE : 1/8" = 1'-0

TOP OF BASEMENT SLAB – 13'-11 = 75'-8

NOTE

ALL FOOTING ELEVATIONS ARE REFERENCED FROM GROUND FL. ELEV. 0'-0. = ELEV. 89'-7.

UNLESS OTHERWISE SHOWN, EACH FOOTING SIDE IS CENTERED ON COLUMN GRID LINE.

SEALS

THOMAS J. LEDIGH — PROFESSIONAL ENGINEER — PENNSYLVANIA

CLIFFORD E. GARNER — REGISTERED ARCHITECT — PENNSYLVANIA

THE GARNER & WHITE ASSOCIATES
CLIFFORD E. GARNER, A.I.A. — ARTHUR B. WHITE, A.I.A.
ARCHITECTS AND PLANNERS
1737 CHESTNUT STREET — PHILADELPHIA, PENNSYLVANIA — LOCUST-7-5890
KEAST AND HOOD — ROBERT D. LUDLOW, ASSOCIATE — HARRY B. PRICE
STRUCTURAL ENGINEERS — ADCOCK AND MATZ — MECHANICAL ENGINEERS — ELECTRICAL ENGINEER

NEW ANDREW HAMILTON PUBLIC SCHOOL

57TH AND SPRUCE STREETS — PHILADELPHIA, PENNSYLVANIA

THE SCHOOL DISTRICT OF PHILADELPHIA — BOARD OF EDUCATION

FOUNDATION PLAN AND SECTIONS

COMM. NO.	PROJ. NO.
422	F-U
DATE	BLDG. NO.
21 MAY 68	60
SCALE	TYPE
	269

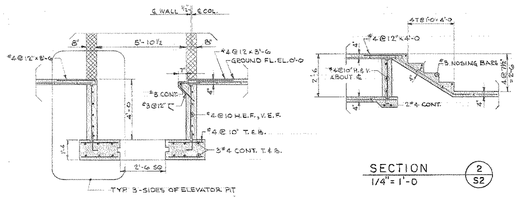
NO	REVISIONS DESCRIPTION	DATE

ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE VERIFIED BY CONTRACTOR ON A THE SITE BEFORE PROCEEDING WITH WORK.

DRAWING NO.

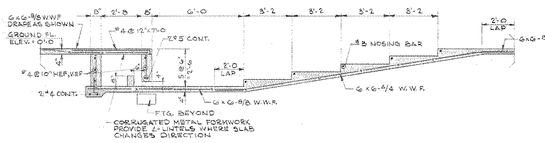
S-1

JOIST SCHEDULE						
MARK	SIZE	REINFORCEMENT TOP LEFT	BOTTOM	TOP RIGHT	STIRRUPS NO. & SIZE	SPACING
GJ-1	8x16+3	3#7 x 8'-6	2#6 & 1#8 x 18'-0	3#7 x 12'-6	10#3	1/6, 3/12, 1/6 EVEN
GJ-2	8x16+3	2#7 x 7'-6	2#7	2#7 x 11'-6	10#3	1/6 EVEN 1/6
GJ-3	20x16+3	2#6 x 15'-6	4#6	2#6 x 11'-6	10#3	1/6 EVEN 1/6

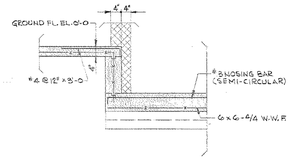


SECTION 1/4" = 1'-0 (1 / S2)

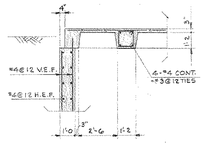
SECTION 1/4" = 1'-0 (2 / S2)



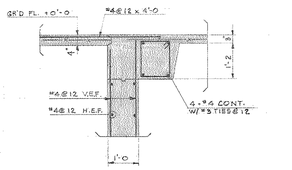
SECTION 1/4" = 1'-0 (3 / S-2)



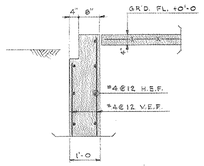
SECTION 1/2" = 1'-0 (4 / S2)



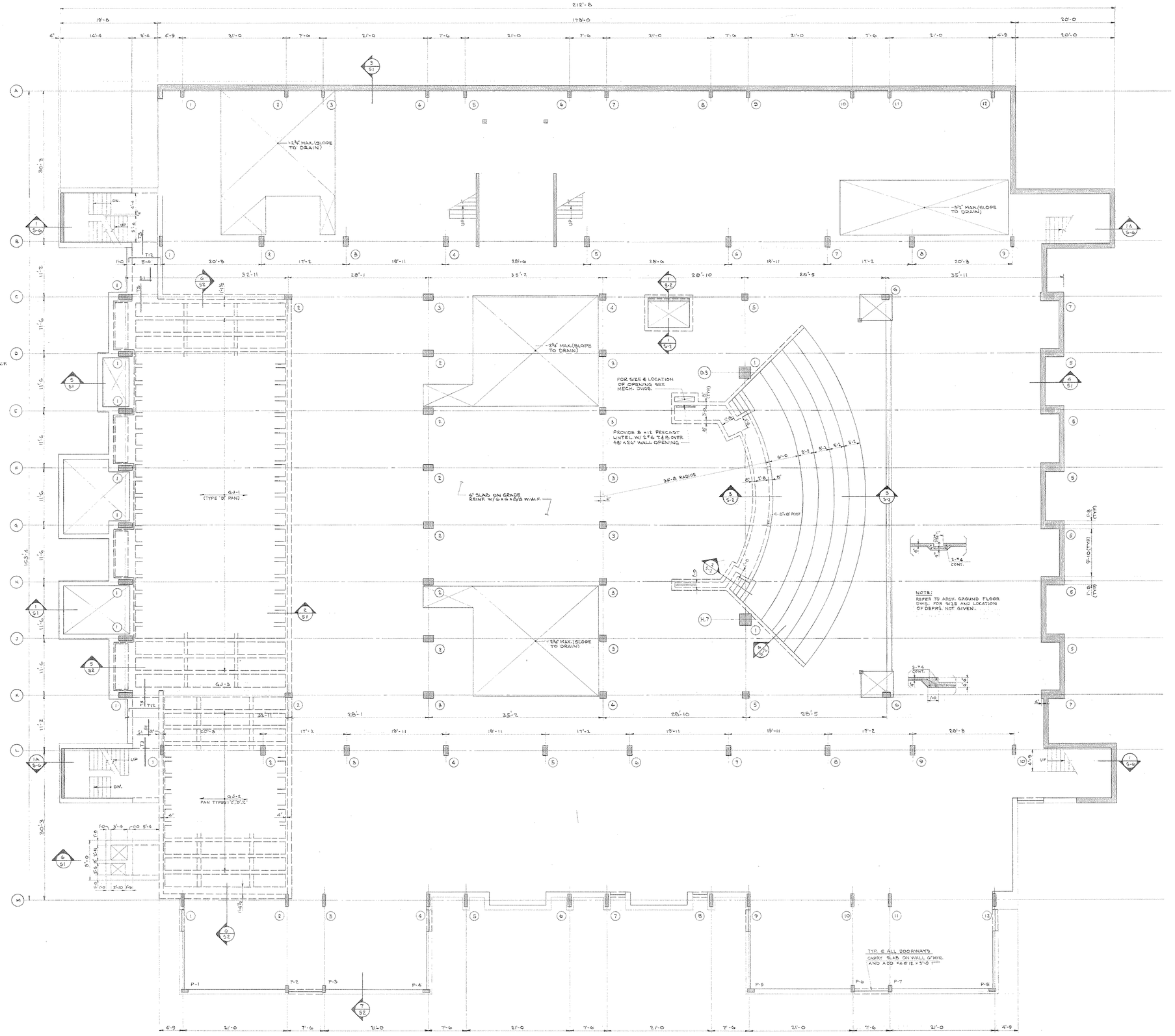
SECTION 1/4" = 1'-0 (5 / S2)



SECTION 1/2" = 1'-0 (6 / S2)



SECTION 1/2" = 1'-0 (7 / S2)



GROUND FLOOR PLAN
SCALE: 1/8" = 1'-0

TOP OF FLOOR SLAB 0'-0 = ELEV. 89'-7
(UNLESS OTHERWISE NOTED)

SEALS

THOMAS J. LEDIGH — PROFESSIONAL ENGINEER — No. 10212 — COMMONWEALTH OF PENNSYLVANIA

REGISTERED ARCHITECT — CLIFFORD E. GARNER — COMMONWEALTH OF PENNSYLVANIA

THE GARNER & WHITE ASSOCIATES
CLIFFORD E. GARNER, A.I.A. ARCHITECTS AND PLANNERS ARTHUR B. WHITE, A.I.A.
1737 CHESTNUT STREET PHILADELPHIA, PENNSYLVANIA LOCUST-7-5890
ROBERT D. LYNN, PROJECT ASSOCIATE HARRY B PRICE
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NEW ANDREW HAMILTON PUBLIC SCHOOL

57TH AND SPRUCE STREETS PHILADELPHIA, PENNSYLVANIA
THE SCHOOL DISTRICT OF PHILADELPHIA BOARD OF EDUCATION

GROUND FLOOR PLAN AND SECTIONS

REVISIONS			
NO	DESCRIPTION	DATE	

ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH WORK.

COMM. NO. 422	PROJ. NO. F-U
DATE 21 MAY 68	BLDG. NO. 60
SCALE	TYPE 269

DRAWING NO.

S·2

BEAM SCHEDULE

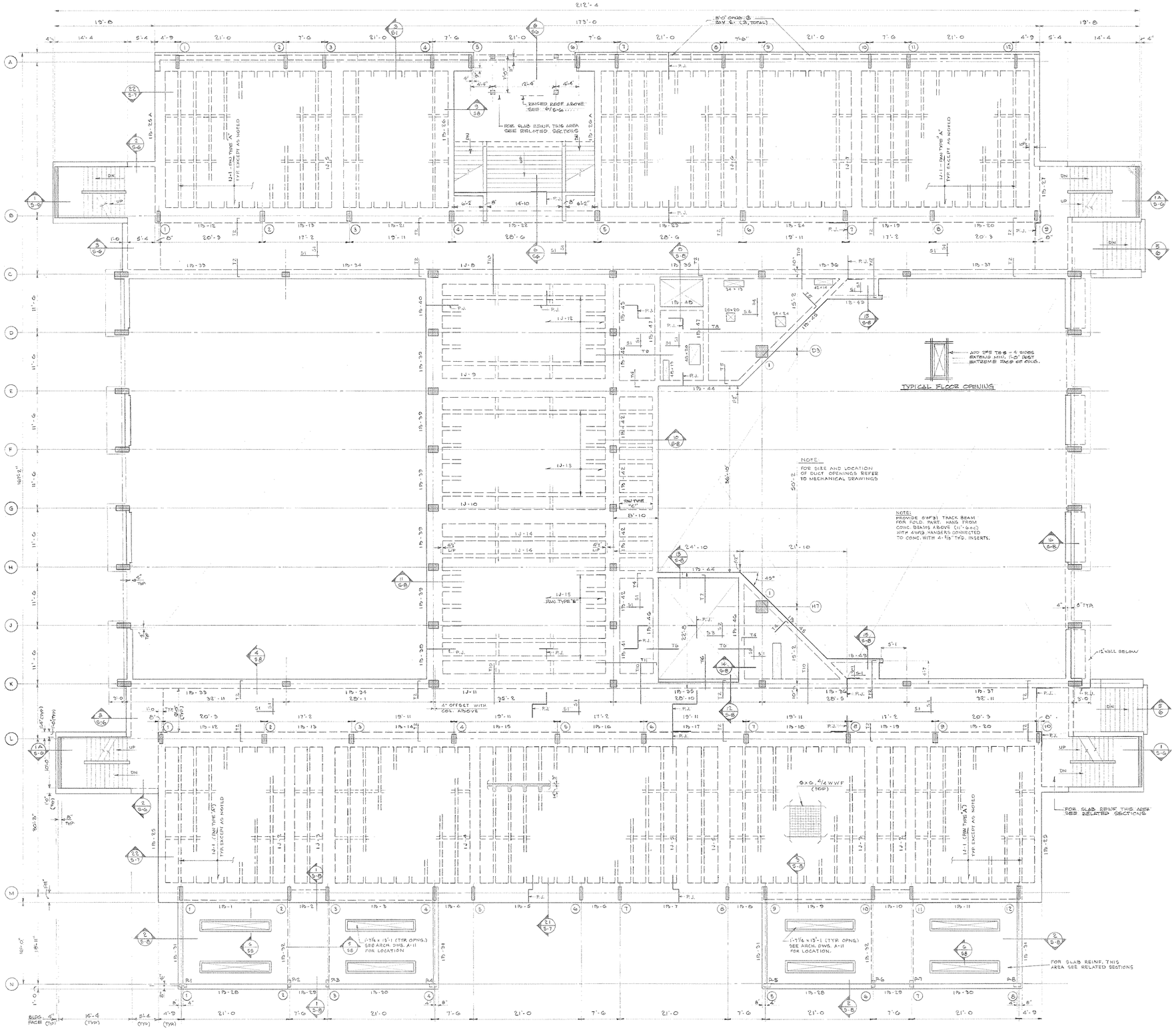
MARK	SIZE	REINFORCEMENT TOP LEFT	REINFORCEMENT BOTTOM	REINFORCEMENT TOP RIGHT	STIRRUPS Nº & SIZE	STIRRUPS SPACING
1B-1	42 x 17	4'-6" & 6'-#9 x 5'-5	6'-#8		21 - #3	1/6 EVEN 1/6
1B-2	42 x 17	5'-3 6'-#8 x 18'-0	3'-#5	5'-3	7 - #3	1/6 EVEN 1/6
1B-3	42 x 17	SEE 1B-2	5'-#8		21 - #3	1/6 EVEN 1/6
1B-4	42 x 17	5'-3 7'-#7 x 18'-0	3'-#5	5'-3	7 - #3	1/6 EVEN 1/6
1B-5	42 x 17	SEE 1B-4	5'-#8		21 - #3	1/6 EVEN 1/6
1B-6	42 x 17	5'-3 7'-#7 x 18'-0	3'-#5	5'-3	7 - #3	1/6 EVEN 1/6
1B-7	42 x 17	SEE 1B-6	5'-#7		21 - #3	1/6 EVEN 1/6
1B-8	42 x 17	5'-3 7'-#7 x 18'-0	3'-#5	5'-3	7 - #3	1/6 EVEN 1/6
1B-9	42 x 17	SEE 1B-8	5'-#8		21 - #3	1/6 EVEN 1/6
1B-10	42 x 17	5'-3 6'-#8 x 18'-0	3'-#5	5'-3	7 - #3	1/6 EVEN 1/6
1B-11	42 x 17	SEE 1B-10	6'-#8	4'-0 6'-#6 x 9'-3	21 - #3	1/6 EVEN 1/6
1B-12	32 x 17	6'-#7 x 5'-6	5'-#8		20 - #3	1/6 EVEN 1/6
1B-13	32 x 17	5'-0 6'-#8 x 9'-3	6'-#6		17 - #3	1/6 EVEN 1/6
1B-14	32 x 17	4'-3 6'-#8 x 9'-3	6'-#7		20 - #3	1/6 EVEN 1/6
1B-15	32 x 17	5'-#9 x 10'-0	6'-#7		20 - #3	1/6 EVEN 1/6
1B-16	32 x 17	5'-0 6'-#8 x 9'-3	6'-#6		17 - #3	1/6 EVEN 1/6
1B-17	32 x 17	4'-3 6'-#8 x 9'-3	6'-#7		20 - #3	1/6 EVEN 1/6
1B-18	32 x 17	5'-#9 x 10'-0	6'-#7		20 - #3	1/6 EVEN 1/6
1B-19	32 x 17	5'-0 6'-#8 x 9'-3	6'-#6		17 - #3	1/6 EVEN 1/6
1B-20	32 x 17	4'-3 6'-#8 x 9'-3	5'-#8	6'-#7 x 5'-6	20 - #3	1/6 EVEN 1/6
1B-21	32 x 17	SEE 1B-14	6'-#7		20 - #3	1/6 EVEN 1/6
1B-22	28 x 17	5'-0 7'-#8 x 12'-0	7'-#9 x 24'-0		28 - #3	1/6 EVEN 1/6
1B-23	32 x 17	7'-#10 x 14'-0	7'-#9 x 24'-0		41 - #3	14/6 EVEN 14/6
1B-24	32 x 17	7'-0 8'-#9 x 12'-0	6'-#9 x 26'-0	SEE TOP LEFT OF 1B-19	23 - #3	4/6 EVEN 4/6
1B-25 1B-25A	18½ x 13 21 x 17	3'-#7 x 10'-0	3'-#7	3'-#7 x 10'-0	28 - #3	1/6 EVEN 1/6
1B-26 1B-26A	11 x 17 18½ x 17	2'-#9 x 10'-0	2'-#8	2'-#9 x 10'-0	28 - #3	1/6 EVEN 1/6
1B-27	18½ x 17	2'-#5 x 13'-0	2'-#5		4 - #3	1/6 EVEN 1/6
1B-28	12 x 17	2'-#5 x 9'-0	2'-#5	5'-0 2'-#6 x 18'-0	20 - #3	1/6 EVEN 1/6
1B-29	12 x 17	SEE TOP RT 1B-28	2'-#5	SEE TOP RT 1B-28	0 - #3	1/6 EVEN 1/6
1B-30	12 x 17	SEE TOP RT 1B-28	2'-#5	2'-#5 x 6'-0	20 - #3	1/6 EVEN 1/6
1B-31	12 x 17	2'-#6 x 5'-0	2'-#7	2'-#8 x 7'-0	17 - #3	1/6 EVEN 1/6
1B-32	9 x 12	10'-#5 x 9'-0	10'-#5	10'-#6 x 11'-0	17 - #3	1/6 EVEN 1/6
1B-33	20 x 17	1'-0 3'-#9 x 10'-0	4'-#9	8'-0 5'-#9 x 10'-0	40 - #4	10/7 EVEN 10/7
1B-34	20 x 17		5'-#9	7'-0 5'-#9 x 11'-0	36 - #4	10/7 EVEN 10/7
1B-35	20 x 17	SEE TOP RT. 1J-11	5'-#9	5'-#10 x 16'-0	40 - #4	14/7 EVEN 14/7
1B-36	20 x 17		4'-#9	7'-0 5'-#9 x 16'-0	36 - #4	10/7 EVEN 10/7
1B-37	20 x 17		4'-#9	1'-0 5'-#9 x 10'-0	40 - #4	10/7 EVEN 10/7
1B-38	32 x 17	4'-#5 x 7'-6	4'-#5	4'-#6 x 13'-0	10 - #3	1/6 EVEN 1/6
1B-39	32 x 17	SEE TOP RT 1B-38	4'-#5	4'-#6 x 12'-0	10 - #3	1/6 EVEN 1/6
1B-40	32 x 17		4'-#5	4'-#5 x 7'-0	10 - #3	1/6 EVEN 1/6
1B-41	28 x 17	3'-#7 x 7'-6	3'-#8	3'-#9 x 13'-0	10 - #3	1/6 EVEN 1/6
1B-42	28 x 17	SEE TOP RT. 1B-41	3'-#7	3'-#9 x 13'-0	10 - #3	1/6 EVEN 1/6
1B-43	28 x 17		3'-#8	3'-#7 x 7'-0	10 - #3	1/6 EVEN 1/6
1B-44	14 x 31	1'-0 4'-#9 x 8'-0	3'-#9	3'-#9 x 9'-6	28 - #3	5/6 EVEN 5/6
1B-45	14 x 31	8'-0 6'-#9 x 13'-6	4'-#6	4'-#6 x 6'-0	24 - #3	5/6 EVEN 5/6
1B-46	13 x 17	2'-#8 x 8'-0	3'-#9	2'-#8 x 6'-0	25 - #3	5/6 EVEN 5/6
1B-47	12 x 17	2'-#7 x 6'-0	3'-#9	2'-#7 x 6'-0	25 - #3	5/6 EVEN 5/6
1B-48	8 x 17	2'-#5 x 8'-0	2'-#5		4 - #3	1/6 EVEN 1/6
1B-49	8 x 31	2'-#7 x 10'-6	2'-#7		8 - #3	1/6 EVEN 1/6
1B-50						

NOTE: 1B-44 ... DEPTH TO BE DECREASED TO 17" OVER CORRIDOR..

JOIST SCHEDULE

MARK	SIZE	REINFORCEMENT TOP LEFT	REINFORCEMENT BOTTOM	REINFORCEMENT TOP RIGHT	STIRRUPS Nº & SIZE	STIRRUPS SPACING
1J-1	6 x 14 x 3	1'-9 2'-#7 x 10'-0	2'-#7	8'-0 1'-#7 x 10'-0 1'-#7 x 5'-0	11 - #3	1/6 EVEN 1/6
1J-2	23½ x 14 x 3	1'-9 3'-#7 x 10'-0	3'-#7	8'-0 2'-#7 x 30'-0 1'-#7 x 5'-0	11 - #3	1/6 EVEN 1/6
1J-3	29 x 14 x 3	1'-9 4'-#6 x 10'-0	4'-#6	8'-0 2'-#6 x 20'-0 2'-#6 x 5'-0	11 - #3	1/6 EVEN 1/6
1J-4	26 x 14 x 3	1'-9 3'-#7 x 10'-0	3'-#7	8'-0 2'-#7 x 20'-0 2'-#7 x 5'-0	11 - #3	1/6 EVEN 1/6
1J-5	28 x 14 x 3	1'-9 4'-#6 x 10'-0	4'-#6	8'-0 2'-#6 x 20'-0 2'-#6 x 5'-0	11 - #3	1/6 EVEN 1/6
1J-6	28½ x 14 x 3	1'-9 4'-#6 x 10'-0	4'-#6	8'-0 2'-#6 x 20'-0 2'-#6 x 5'-0	11 - #3	1/6 EVEN 1/6
1J-7	25½ x 14 x 3	1'-9 4'-#6 x 10'-0	4'-#6	8'-0 2'-#6 x 20'-0 2'-#6 x 5'-0	11 - #3	1/6 EVEN 1/6
1J-8	35 x 14 x 3	SEE TOP RT 1B-34	5'-#9	8'-0 7'-#9 x 17'-0	42 - #4	10/7 EVEN 10/7
1J-9	45 x 14 x 3	1'-0 5'-#7 x 11'-0	5'-#7 x 44'-6	9'-0 5'-#7 x 18'-0	12 - #3	1/6 EVEN 1/6
1J-10	35½ x 14 x 3	1'-0 4'-#7 x 11'-0	4'-#7 x 44'-6	9'-0 4'-#7 x 18'-0	12 - #3	1/6 EVEN 1/6
1J-11	33½ x 14 x 3	SEE TOP RT. 1B-34	5'-#9	8'-0 7'-#9 x 17'-0	42 - #4	10/7 EVEN 10/7
1J-12	9 x 14 x 3	1'-0 3'-#8 x 11'-0	3'-#8 x 36'-6	9'-0 1'-#6 x 18'-0 1'-#6 x 6'-0	12 - #3	1/6 EVEN 1/6
1J-13	9 x 14 x 3	1'-0 3'-#8 x 11'-0	3'-#8 x 44'-6	9'-0 2'-#6 x 18'-0	12 - #3	1/6 EVEN 1/6
1J-14	10 x 14 x 3	1'-0 3'-#8 x 11'-0	3'-#8 x 44'-6	9'-0 2'-#6 x 18'-0	12 - #3	1/6 EVEN 1/6
1J-15	10 x 14 x 3	1'-0 3'-#8 x 11'-0	3'-#8 x 36'-6	9'-0 1'-#6 x 18'-0 1'-#6 x 18'-0	12 - #3	1/6 EVEN 1/6

NOTE: ADD 4-#3 STIRRUPS @ CANT. END.



FIRST FLOOR FRAMING PLAN

SCALE 1/8" = 1'-0

TOP OF SLAB ELEV. + 10'-9 = ELEV. 100'-4
(UNLESS OTHERWISE NOTED)

SEALS

THE GARNER & WHITE ASSOCIATES
CLIFFORD E. GARNER, A.I.A. ARTHUR B. WHITE, A.I.A.
ARCHITECTS AND PLANNERS
1737 CHESTNUT STREET PHILADELPHIA, PENNSYLVANIA LOCUST-7-5890
ROBERT D. LYNN, PROJECT ASSOCIATE
KEAST AND HOOD ALCOA BUILDING HARRY B. PRICE
STRUCTURAL ENGINEERS MECHANICAL ENGINEERS ELECTRICAL ENGINEER

NEW ANDREW HAMILTON PUBLIC SCHOOL

57TH AND SPRUCE STREETS PHILADELPHIA, PENNSYLVANIA
THE SCHOOL DISTRICT OF PHILADELPHIA BOARD OF EDUCATION

FIRST FLOOR PLAN AND SCHEDULES

NO	REVISIONS DESCRIPTION	DATE
	ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH WORK.	

COMM. NO. 422	PROJ. NO. F-U
DATE 21 MAY 68	BLDG. NO. 60
SCALE	TYPE 289

DRAWING NO.

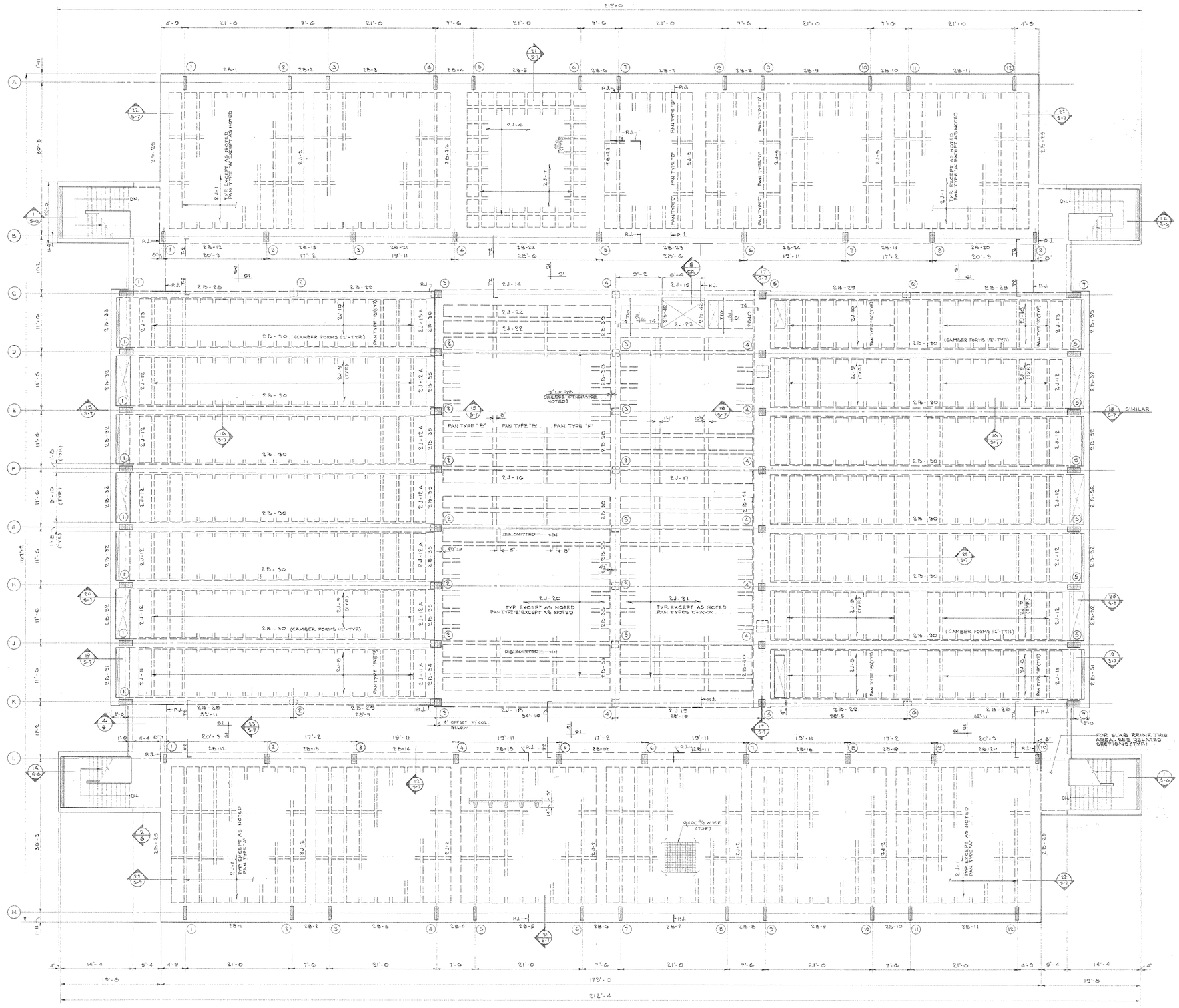
S-3

BEAM SCHEDULE

MARK	SIZE	REINFORCEMENT TOP LEFT	BOTTOM	TOP RIGHT	NO. & SIZE	STIRRUPS SPACING
2B-1	42 x 17	6'-6 / 6'-#6 x 8'-3	6-#8		21-#8	1/6 EVEN 1/6
2B-2	42 x 17	5'-3 / 6'-#8 x 18'-0	6-#8	5'-3	7-#8	1/6 EVEN 1/6
2B-3	42 x 17	SEE 2B-2	5-#8		21-#8	1/6 EVEN 1/6
2B-4	42 x 17	5'-3 / 7-#7 x 18'-0	8-#8	5'-3	7-#8	1/6 EVEN 1/6
2B-5	42 x 17	SEE 2B-4	5-#8		21-#8	1/6 EVEN 1/6
2B-6	42 x 17	5'-3 / 7-#7 x 18'-0	3-#8	5'-3	7-#8	1/6 EVEN 1/6
2B-7	42 x 17	SEE 2B-6	5-#7		21-#8	1/6 EVEN 1/6
2B-8	42 x 17	5'-3 / 7-#7 x 18'-0	5-#8	5'-3	7-#8	1/6 EVEN 1/6
2B-9	42 x 17	SEE 2B-8	5-#8		21-#8	1/6 EVEN 1/6
2B-10	42 x 17	5'-3 / 6-#8 x 18'-0	5-#8	5'-3	7-#8	1/6 EVEN 1/6
2B-11	42 x 17	SEE 2B-10	6-#8	4'-6 / 6-#6 x 5'-9	21-#8	1/6 EVEN 1/6
2B-12	32 x 17	6-#7 x 5'-0	5-#8		20-#8	1/6 EVEN 1/6
2B-13	32 x 17	5'-0 / 6-#6 x 3'-3	6-#6		17-#8	1/6 EVEN 1/6
2B-14	32 x 17	6'-3 / 6-#8 x 3'-3	6-#7		20-#8	1/6 EVEN 1/6
2B-15	32 x 17	5-#8 x 10'-0	6-#7		20-#8	1/6 EVEN 1/6
2B-16	32 x 17	5'-0 / 6-#6 x 3'-3	6-#6		17-#8	1/6 EVEN 1/6
2B-17	32 x 17	6'-3 / 6-#8 x 3'-3	6-#7		20-#8	1/6 EVEN 1/6
2B-18	32 x 17	5-#8 x 10'-0	6-#7		20-#8	1/6 EVEN 1/6
2B-19	32 x 17	5'-0 / 6-#8 x 3'-3	6-#6		17-#8	1/6 EVEN 1/6
2B-20	32 x 17	6'-3 / 6-#8 x 3'-3	5-#8	6-#7 x 5'-6	20-#8	1/6 EVEN 1/6
2B-21	32 x 17	SEE 2B-14	6-#7		20-#8	1/6 EVEN 1/6
2B-22	36 x 17	5'-0 / 7-#8 x 12'-0	7-#9 x 36'-0		28-#8	1/6 EVEN 1/6
2B-23	52 x 17	7'-10 x 14'-0	7-#9 x 36'-0		41-#8	1 4/6 EVEN 1 4/6
2B-24	32 x 17	7'-10 / 8-#8 x 12'-0	6-#9 x 36'-0	SEE TOP LEFT 2B-19	23-#8	4/6 EVEN 4/6
2B-25	21 x 17	5-#7 x 10'-0	3-#7	5-#7 x 10'-0	15-#8	1/6 EVEN 1/6
2B-26	34 x 17	6-#9 x 10'-0	6-#8	6-#9 x 10'-0	25-#9	1/6 EVEN 1/6
2B-27	38 x 17	6-#9 x 10'-0	6-#8	6-#9 x 10'-0	25-#9	1/6 EVEN 1/6
2B-28	16 x 42	4'-8 / 3-#8 x 11'-0	3-#9	1'-0 / 4-#9 x 15'-0	32-#9	1/6 EVEN 1/6
2B-29	16 x 42		2-#9	3-#9 x 7'-0	25-#9	1/6 EVEN 1/6
2B-30	20 x 42	— SEE — SECTION	18/S7	FOR	— REINFORCEMENT —	
2B-31	12 x 42	3-#7 x 7'-0	3-#7	3-#7 x 15'-0	10-#9	1/6 EVEN 1/6
2B-32	12 x 42	SEE TOP RIGHT 2B-31	3-#7	3-#7 x 15'-0	10-#9	1/6 EVEN 1/6
2B-33	12 x 42		3-#7	3-#7 x 7'-0	10-#9	1/6 EVEN 1/6
2B-34	20 x 17	3-#9 x 7'-0	3-#6	3-#7 x 15'-0	10-#9	1/6 EVEN 1/6
2B-35	20 x 17	SEE TOP RIGHT 2B-34	3-#6	3-#7 x 15'-0	10-#9	1/6 EVEN 1/6
2B-36	20 x 17		3-#6	3-#9 x 7'-0	10-#9	1/6 EVEN 1/6
2B-37	24 x 17	4-#7 x 7'-0	4-#7	5-#8 x 13'-0	10-#9	1/6 EVEN 1/6
2B-38	24 x 17	SEE TOP RIGHT 2B-37	4-#7	5-#8 x 13'-0	10-#9	1/6 EVEN 1/6
2B-39	24 x 17		4-#7	4-#7 x 7'-0	10-#9	1/6 EVEN 1/6
2B-40	40 x 42	SEE SECTION 17/S7	FOR	REINFORCEMENT & BEAM PROFILE		
2B-41	40 x 84	SEE SECTION 17/S7	FOR	REINFORCEMENT & BEAM PROFILE		
2B-42	8 x 17	2B-6 x 8'-6	2-#4		4-#3	1/6 EVEN 1/6

JOIST SCHEDULE

MARK	SIZE	REINFORCEMENT TOP LEFT	BOTTOM	TOP RIGHT	Nº & SIZE	STIRRUPS SPACING
2J-1	6 x 14 + 3	1'-9 / 2-#7 x 10'-0	2-#7	2'-0 / 1-#7 x 2'-0 / 1-#7 x 8'-0	11-#3	1/6 EVEN 1/6
2J-2	24 x 14 + 3	1'-9 / 3-#7 x 10'-0	3-#7	2'-0 / 1-#7 x 2'-0 / 1-#7 x 8'-0	11-#3	1/6 EVEN 1/6
2J-3	30½ x 14 + 3	1'-9 / 4-#6 x 10'-0	4-#6	2'-0 / 2-#6 x 2'-0 / 2-#6 x 8'-0	11-#3	1/6 EVEN 1/6
2J-4	28 x 14 + 3	1'-9 / 4-#6 x 10'-0	4-#6	2'-0 / 2-#6 x 2'-0 / 2-#6 x 8'-0	11-#3	1/6 EVEN 1/6
2J-5	29 x 14 + 3	1'-9 / 4-#6 x 10'-0	4-#6	2'-0 / 2-#6 x 2'-0 / 2-#6 x 8'-0	11-#3	1/6 EVEN 1/6
2J-6	6 x 14 + 3	2'-0 / 2-#6 x 2'-0 — SH. PAN	2-#4	2'-0 x 8'-0	9-#3	1/6 EVEN 1/6
2J-7	6 x 14 + 3	1'-0 / 2-#5 x 9'-0	2-#4	2-#5 x 10'-0	11-#3	1/6 EVEN 1/6
2J-8	6 x 14 + 3	2'-0 / 2-#4 x 9'-9	2-#4	2-#4 x 13'-0	4-#3	1/6 EVEN 1/6
2J-9	6 x 14 + 3	SEE TOP RIGHT 2J-8	2-#4	2-#4 x 13'-0	4-#3	1/6 EVEN 1/6
2J-10	6 x 14 + 3		2-#4	2'-0 / 2-#4 x 9'-9	4-#3	1/6 EVEN 1/6
2J-11 2J-11A	21 x 14 + 3 28 x 14 + 3	3'-0 / 3-#6 x 9'-9	3-#6	3-#6 x 13'-0	4-#3	1/6 EVEN 1/6
2J-12 2J-12A	21 x 14 + 3 21 x 14 + 3	SEE TOP RIGHT 2J-11	3-#6	3-#6 x 13'-0	4-#3	1/6 EVEN 1/6
2J-13 2J-13A	21 x 14 + 3 21 x 14 + 3		3-#6	3'-0 / 3-#6 x 9'-9	4-#3	1/6 EVEN 1/6
2J-14	35 x 14 + 3	7-#9 x 9'-9	6-#6 x 19'-0 / 5-#9	2'-0 / 7-#9 x 16'-0	33-#3	1/6 EVEN 1/6
2J-15	22 x 14 + 3		4-#9	4-#7 x 7'-0	28-#3	1/6 EVEN 1/6
2J-16	35½ x 14 + 3	5-#8 x 9'-9	3-#6 x 19'-0 / 5-#7	2'-0 / 5-#8 x 16'-0	33-#3	1/6 EVEN 1/6
2J-17	35½ x 14 + 3		3-#7	2-#7 x 7'-0	28-#3	1/6 EVEN 1/6
2J-18	38½ x 14 + 3	7-#9 x 9'-9	6-#6 x 19'-0 / 5-#9	2'-0 / 7-#9 x 16'-0	33-#3	1/6 EVEN 1/6
2J-19	38½ x 14 + 3		4-#9	4-#7 x 7'-0	28-#3	1/6 EVEN 1/6
2J-20	5 x 14 + 3	2-#9 x 9'-9	2-#5 x 19'-0 / 2-#8	2'-0 / 2-#9 x 16'-0	33-#3	1/6 EVEN 1/6
2J-21	5 x 14 + 3		2-#7	2-#9 x 7'-0	28-#3	1/6 EVEN 1/6
2J-22	19 x 14 + 3	2-#9 x 9'-9	2-#5 x 19'-0 / 3-#8	2'-0 / 2-#9 x 16'-0	33-#3	1/6 EVEN 1/6
2J-23	28 x 14 + 3	4-#7 x 9'-0	4-#6	4-#7 x 8'-6	28-#3	1/6 EVEN 1/6



SECOND FLOOR FRAMING PLAN

SCALE 1/8" = 1'-0

TOP OF SLAB +21'-6 = ELEV. 111'-1

NOTE: FOR SIZE & LOCATION OF MECH. DUCTS, SEE MECH. DWGS.

SEALS

THOMAS J. LEDIGH — PROFESSIONAL — COMMONWEALTH OF PENNSYLVANIA

CLIFFORD E. GARNER — COMMONWEALTH OF PENNSYLVANIA

THE GARNER & WHITE ASSOCIATES
ARCHITECTS AND PLANNERS
CLIFFORD E. GARNER, A.I.A. — ARTHUR B. WHITE, A.I.A.
1737 CHESTNUT STREET — PHILADELPHIA, PENNSYLVANIA — LOCUST-7-5890
KEAST AND HOOD, STRUCTURAL ENGINEERS — ROBERT D. LYNN, PROJECT ASSOCIATE — ADCOCK AND ADCOCK, MECHANICAL ENGINEERS — LARRY B. PRICE, ELECTRICAL ENGINEER

NEW ANDREW HAMILTON PUBLIC SCHOOL

57TH AND SPRUCE STREETS — PHILADELPHIA, PENNSYLVANIA

THE SCHOOL DISTRICT OF PHILADELPHIA — BOARD OF EDUCATION

SECOND FLOOR PLAN AND SCHEDULES

REVISIONS			
NO	DESCRIPTION	DATE	

ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE VERIFIED AND SUPERVISED BY ARCHITECT AT THE SITE BEFORE PROCEEDING WITH WORK.

COMM. NO. 422	PROJ. NO. 17-U
DATE 21 MAY 68	BLDG. NO. 60
SCALE	TYPE 269

DRAWING NO.

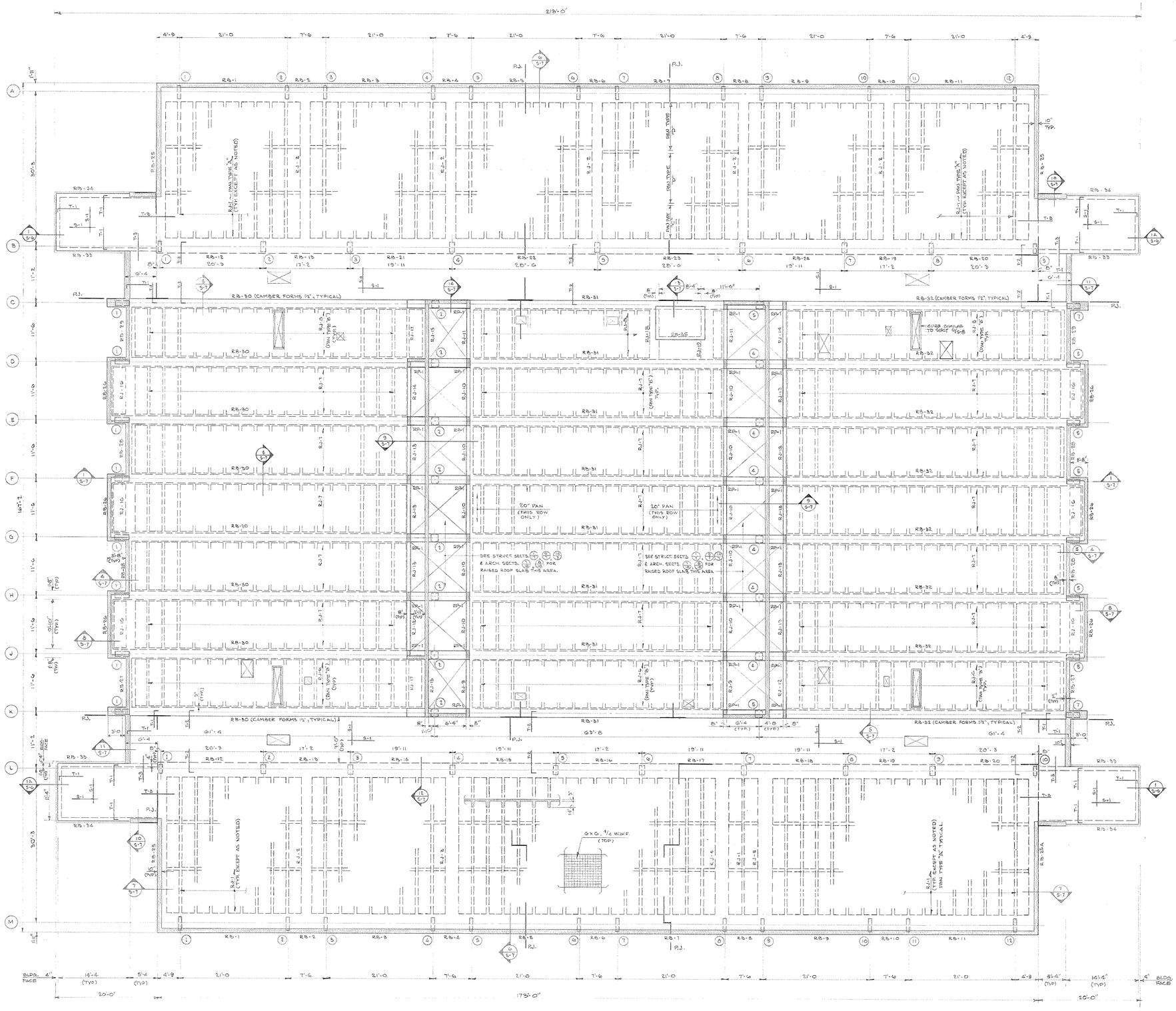
S-4

BEAM SCHEDULE

MARK	SIZE	REINFORCEMENT TOP LEFT	BOTTOM	TOP RIGHT	STIRRUPS NO. & SIZE	SPACING
RB-1	42 x 17	4'-6 / 5'-#9 x 9'-3	5-#7		21-#5	1/6 EVEN 1/6
RB-2	42 x 17	5'-3 / 6'-#7 x 18'-0	3-#5	5'-3	7-#5	1/6 EVEN 1/6
RB-3	42 x 17	SEE RB-2	5-#7		21-#5	1/6 EVEN 1/6
RB-4	42 x 17	5'-3 / 6'-#7 x 18'-0	3-#5	5'-3	7-#5	1/6 EVEN 1/6
RB-5	42 x 17	SEE RB-4	5-#7		21-#5	1/6 EVEN 1/6
RB-6	42 x 17	5'-3 / 6'-#7 x 18'-0	3-#5	5'-3	7-#5	1/6 EVEN 1/6
RB-7	42 x 17	SEE RB-6	5-#7		21-#5	1/6 EVEN 1/6
RB-8	42 x 17	5'-3 / 6'-#7 x 18'-0	3-#5	5'-3	7-#5	1/6 EVEN 1/6
RB-9	42 x 17	SEE RB-8	5-#7		21-#5	1/6 EVEN 1/6
RB-10	42 x 17	5'-3 / 6'-#7 x 18'-0	3-#5	5'-3	7-#5	1/6 EVEN 1/6
RB-11	42 x 17	SEE RB-10	5-#7	4'-6 / 5-#6 x 5'-9	21-#5	1/6 EVEN 1/6
RB-12	32 x 17	5'-#5 x 5'-0	4-#7		20-#5	1/6 EVEN 1/6
RB-13	32 x 17	5'-0 / 5'-#6 x 5'-5	4-#6		17-#5	1/6 EVEN 1/6
RB-14	32 x 17	4'-3 / 6'-#7 x 5'-5	5-#7		20-#5	1/6 EVEN 1/6
RB-15	32 x 17	5'-#6 x 10'-0	5-#7		20-#5	1/6 EVEN 1/6
RB-16	32 x 17	5'-0 / 6'-#7 x 9'-3	4-#6		17-#5	1/6 EVEN 1/6
RB-17	32 x 17	4'-3 / 6'-#7 x 9'-3	5-#7		20-#5	1/6 EVEN 1/6
RB-18	32 x 17	5'-#6 x 10'-0	5-#7		20-#5	1/6 EVEN 1/6
RB-19	32 x 17	5'-0 / 6'-#7 x 9'-3	4-#6		17-#5	1/6 EVEN 1/6
RB-20	32 x 17	4'-3 / 5'-#6 x 9'-3	6-#7	5'-#5 x 5'-0	20-#5	1/6 EVEN 1/6
RB-21	32 x 17	SEE RB-14	5-#7		20-#5	1/6 EVEN 1/6
RB-22	32 x 17	5'-0 / 6'-#9 x 12'-0	6-#9 x 34'-0		37-#5	1/0 EVEN 1/0
RB-23	32 x 17	7'-#10 x 10'-0	6-#9 x 34'-0		37-#5	1/0 EVEN 1/0
RB-24	32 x 17	7'-0 / 8'-#9 x 12'-0	5-#7	SEE TOP LEFT RB-19	20-#5	1/6 EVEN 1/6
RB-25 / RB-25A	21 x 17 / 21 x 17	3'-#6 x 10'-0	3-#6	3'-#6 x 10'-0	20-#5	1/6 EVEN 1/6
RB-26	12 x 34	3'-#6 x 12'-9	3-#6		10-#5	1/6 EVEN 1/6
RB-27	12 x 34	3'-#6 x 12'-9	3-#6		10-#5	1/6 EVEN 1/6
RB-28	12 x 34	3'-#6 x 12'-9	3-#6		10-#5	1/6 EVEN 1/6
RB-29	12 x 34	3'-#6 x 12'-9	3-#6		10-#5	1/6 EVEN 1/6
RB-30	20 x 34	SEE SECTION 1/7			FOR REINFORCEMENT	
RB-31	20 x 34	SEE SECTION 1/7			FOR REINFORCEMENT	
RB-32	20 x 34	SEE SECTION 1/7			FOR REINFORCEMENT	
RB-33	8 x 17	3'-#6 x 4'-6	3-#5	3'-#6 x 4'-6	26-#5	5/6 EVEN 5/6
RB-34	8 x 17	3'-#6 x 4'-6	3-#5	3'-#6 x 4'-6	26-#5	5/6 EVEN 5/6
RB-35	8 x 12	2#5 x 11'-0	2#4		5#3	1/6 EVEN 1/6

JOIST SCHEDULE

MARK	SIZE	REINFORCEMENT TOP LEFT	BOTTOM	TOP RIGHT	STIRRUPS NO. & SIZE	SPACING
RJ-1	6 x 14 + 3	1'-9 / 2'-#6 x 10'-0	2-#6	1'-9 x 20'-0 / 1'-9 x 20'-0	11-#3	1/6 EVEN 1/6
RJ-2	24 x 14 + 3	1'-6 / 3'-#6 x 10'-0	3-#6	1'-6 x 20'-0 / 1'-6 x 8'-0	11-#3	1/6 EVEN 1/6
RJ-3	26 x 14 + 3	1'-9 / 3'-#6 x 10'-0	3-#6	1'-6 / 2'-#6 x 20'-0 / 2'-#6 x 8'-0	11-#3	1/6 EVEN 1/6
RJ-4	31 x 14 + 3	1'-9 / 4'-#6 x 10'-0	4-#6	2'-#6 x 20'-0 / 2'-#6 x 8'-0	11-#3	1/6 EVEN 1/6
RJ-5	32½ x 16 + 3	1'-9 / 4'-#6 x 10'-0	4-#6	2'-#6 x 20'-0 / 2'-#6 x 8'-0	11-#3	1/6 EVEN 1/6
RJ-6	6 x 14 + 3	2'-#4 x 7'-0	2-#4	2'-#4 x 13'-0	4-#3	1/6 EVEN 1/6
RJ-7	6 x 14 + 3	SEE TOP RIGHT RJ-6	2-#4	2'-#4 x 13'-0	4-#3	1/6 EVEN 1/6
RJ-8	6 x 14 + 3		2-#4	2'-#4 x 7'-0	4-#3	1/6 EVEN 1/6
RJ-9	15 x 14 + 3	2'-#6 x 7'-0	2-#6	2'-#6 x 13'-0	4-#3	1/6 EVEN 1/6
RJ-10	15 x 14 + 3	SEE TOP RIGHT RJ-9	2-#6	2'-#6 x 13'-0	4-#3	1/6 EVEN 1/6
RJ-11	13 x 14 + 3		2-#6	2'-#6 x 7'-0	4-#3	1/6 EVEN 1/6
RJ-12	9 x 14 + 3	2'-#5 x 7'-0	2-#5	2'-#5 x 13'-0	4-#3	1/6 EVEN 1/6
RJ-13	9 x 14 + 3	SEE TOP RIGHT RJ-12	2-#5	2'-#5 x 13'-0	4-#3	1/6 EVEN 1/6
RJ-14	9 x 14 + 3		2-#5	2'-#5 x 7'-0	4-#3	1/6 EVEN 1/6
RJ-15	18 x 14 + 3	3'-#5 x 12'-9	3-#5		4-#3	1/6 EVEN 1/6
RJ-16	20 x 14 + 3	3'-#6 x 12'-9	3-#6		4-#3	1/6 EVEN 1/6
RJ-17	6 x 14 + 3	2'-#4 x 12'-9	2-#4		4-#3	1/6 EVEN 1/6
RJ-18	23 x 14 + 3	4#4 x 12'-9	4#4		4-#3	1/6 EVEN 1/6
RJ-19	27 x 14 + 3	4#4 x 12'-9	4#4		4-#3	1/6 EVEN 1/6



ROOF FRAMING PLAN

SCALE 1/8" = 1'-0

TOP OF HIGH ROOF ELEV. + 33'-8 = ELEV. 123'-3
TOP OF LOW ROOF ELEV. + 32'-3 = ELEV. 121'-0

NOTE: UNLESS OTHERWISE NOTED, 30" PANS SHALL BE USED OVER ROOF AREA AS INDICATED.

NOTE: REFER TO MECH. & ARCH. DWGS. FOR SIZE & LOCATION OF ALL ROOF OPENINGS...

SEALS

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CLIFFORD E. GARNER — REGISTERED ARCHITECT — COMMONWEALTH OF PENNSYLVANIA

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NEW ANDREW HAMILTON PUBLIC SCHOOL

57TH AND SPRUCE STREETS PHILADELPHIA, PENNSYLVANIA
THE SCHOOL DISTRICT OF PHILADELPHIA BOARD OF EDUCATION

ROOF PLAN AND SCHEDULES

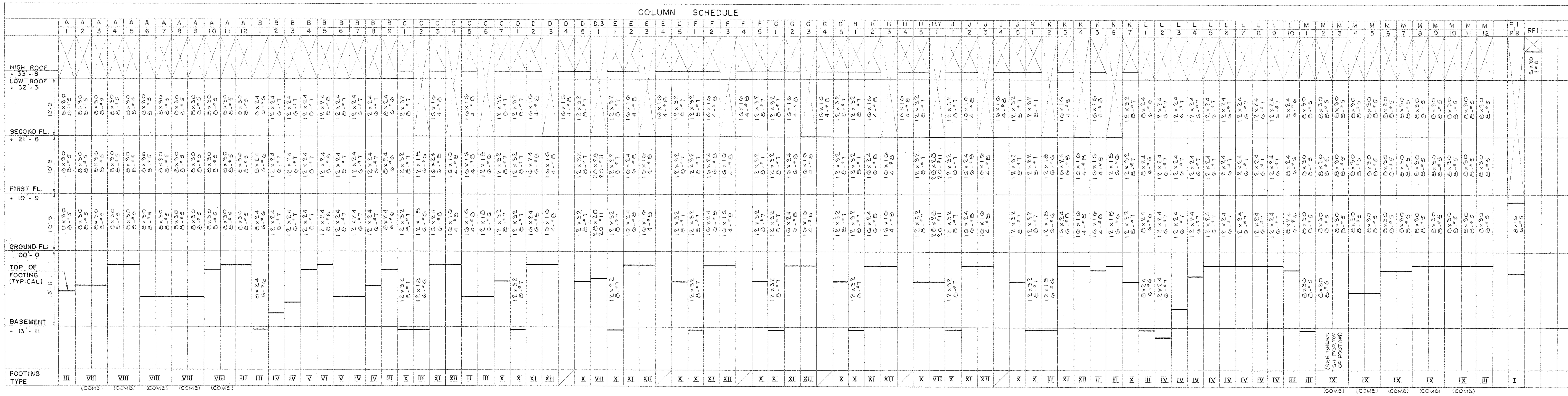
COMM. NO.	PROJ. NO.
422	F-U
DATE	BLDG. NO.
21 MAY 68	60
SCALE	TYPE
	269

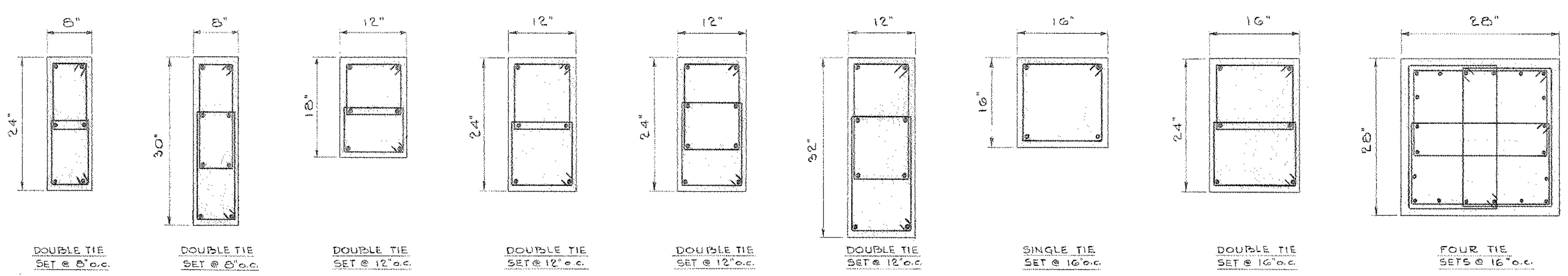
NO	REVISIONS DESCRIPTION	DATE

ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH WORK.

DRAWING NO.

S·5





PLACEMENT OF VERTICAL BARS & #3 TIES FOR CONCRETE COLUMNS

SCALE 3/4" = 1'-0

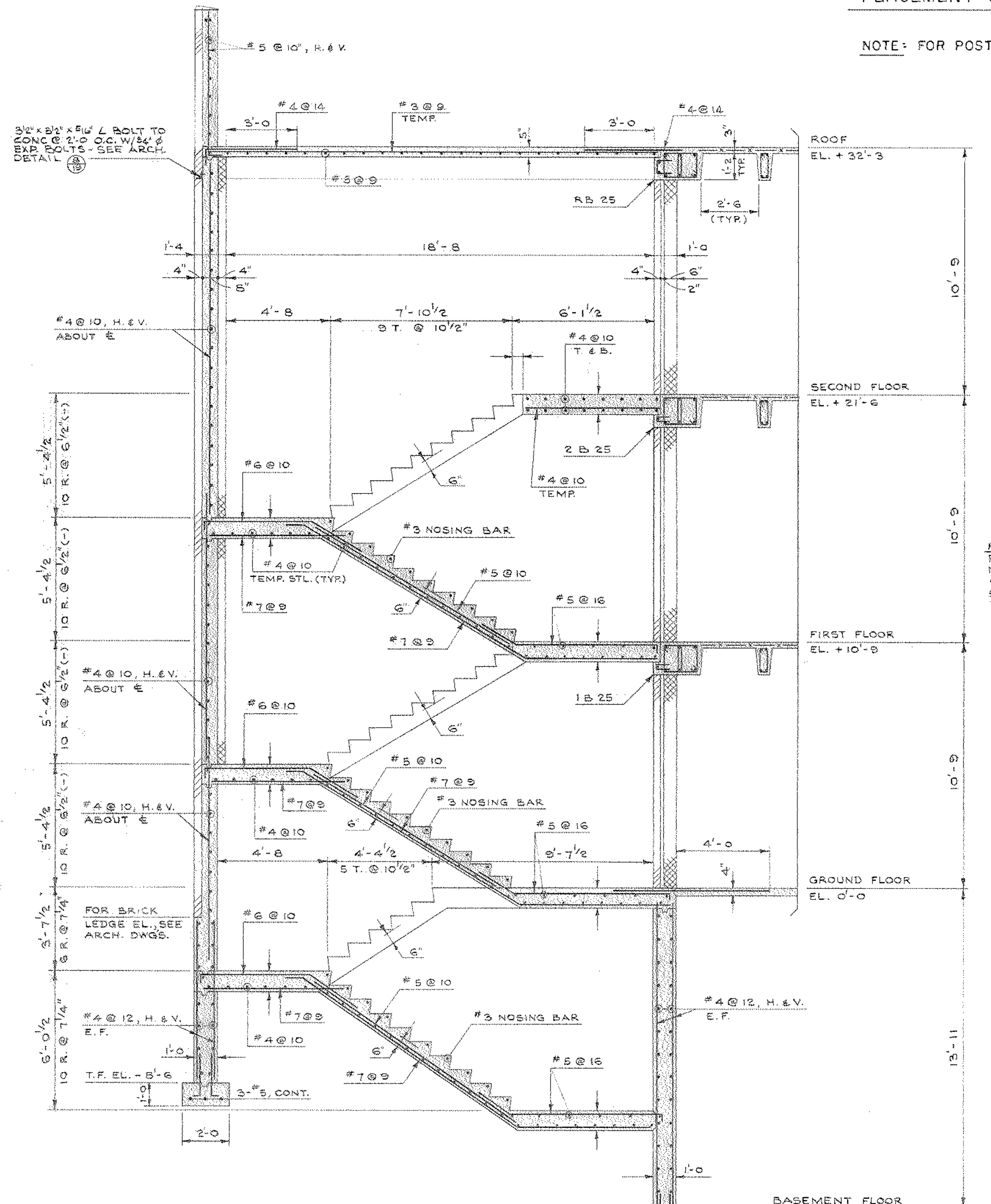
NOTE: FOR POSTS SEE

SLAB SCHEDULE BOTTOM BARS		
MARK	DEPTH	REINFORCEMENT
S-1	5"	#3 @ 9"
S-2	5"	#4 @ 12"
S-3	5"	#5 @ 9"
S-4	5"	#4 @ 10"

NOTE:
FOR REMAINING SLAB STEEL REFER TO RELATIVE SECTIONS AS INDICATED ON FRAMING PLANS.

SLAB SCHEDULE TOP BARS	
MARK	REINFORCEMENT
T-1	#4 @ 14" x 3'-6
T-2	#5 @ 18" x 3'-6
T-3	#4 @ 14" x 5'-0
T-4	#5 @ 12" x 3'-0
T-5	#5 @ 12" x 4'-0
T-6	#5 @ 10" x 7'-0
T-7	#5 @ 12" x 5'-6
T-8	#5 @ 12" x 6'-0
T-9	#5 @ 18" x 15'-0
T-10	#5 @ 12" x 8'-0
T-11	#5 @ 18" x 12'-0
T-12	#4 @ 14" x 8'-0

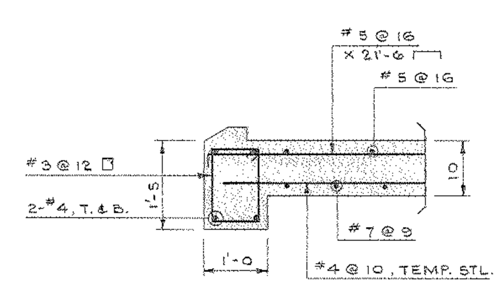
PAN SCHEDULE	
MARK	CLEAR PAN LENGTH
A	8'-7 1/3
B	9'-4
C	6'-6
D	9'-8
E	10'-3
F	12'-6



SECTION 1/1A S6 S6

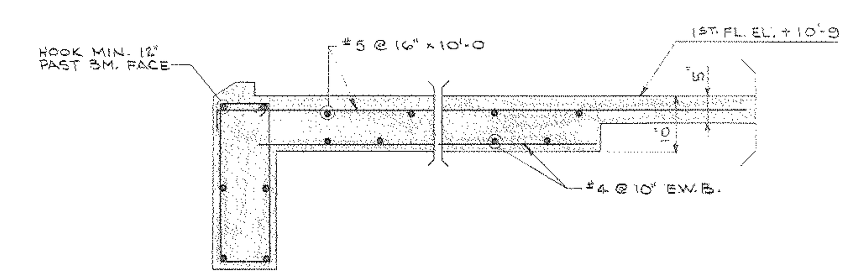
1/4" = 1'-0

OPP. HAND TO



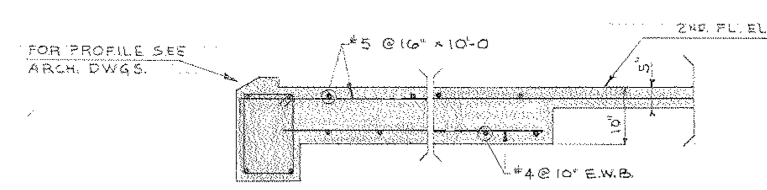
SECTION 2 S6

1/2" = 1'-0



SECTION 3 S6

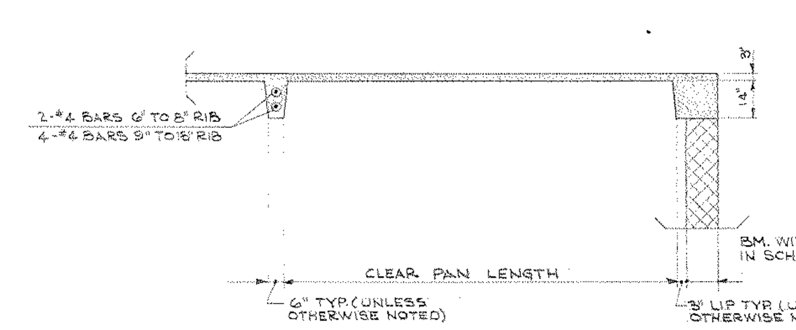
1/2" = 1'-0



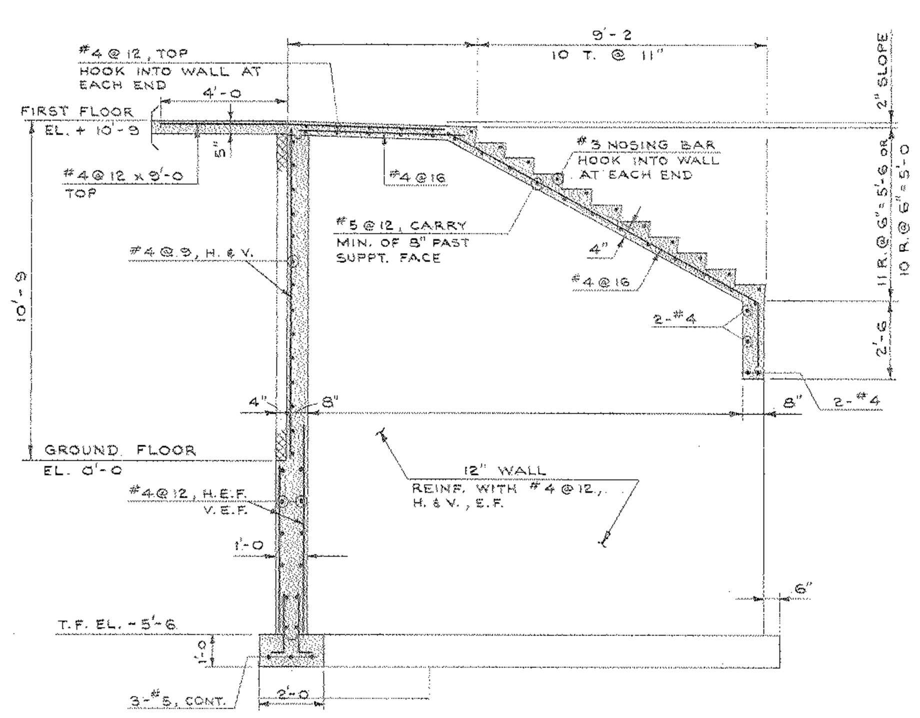
SECTION 4 S6

1/2" = 1'-0

NOTE: STAIRS NO. 2 & 4 SIMILAR BUT OMIT PORTION FROM BASEMENT FLOOR TO GROUND FLOOR - SEE ARCH. PLAN SHEETS FOR STAIR NUMBERS.

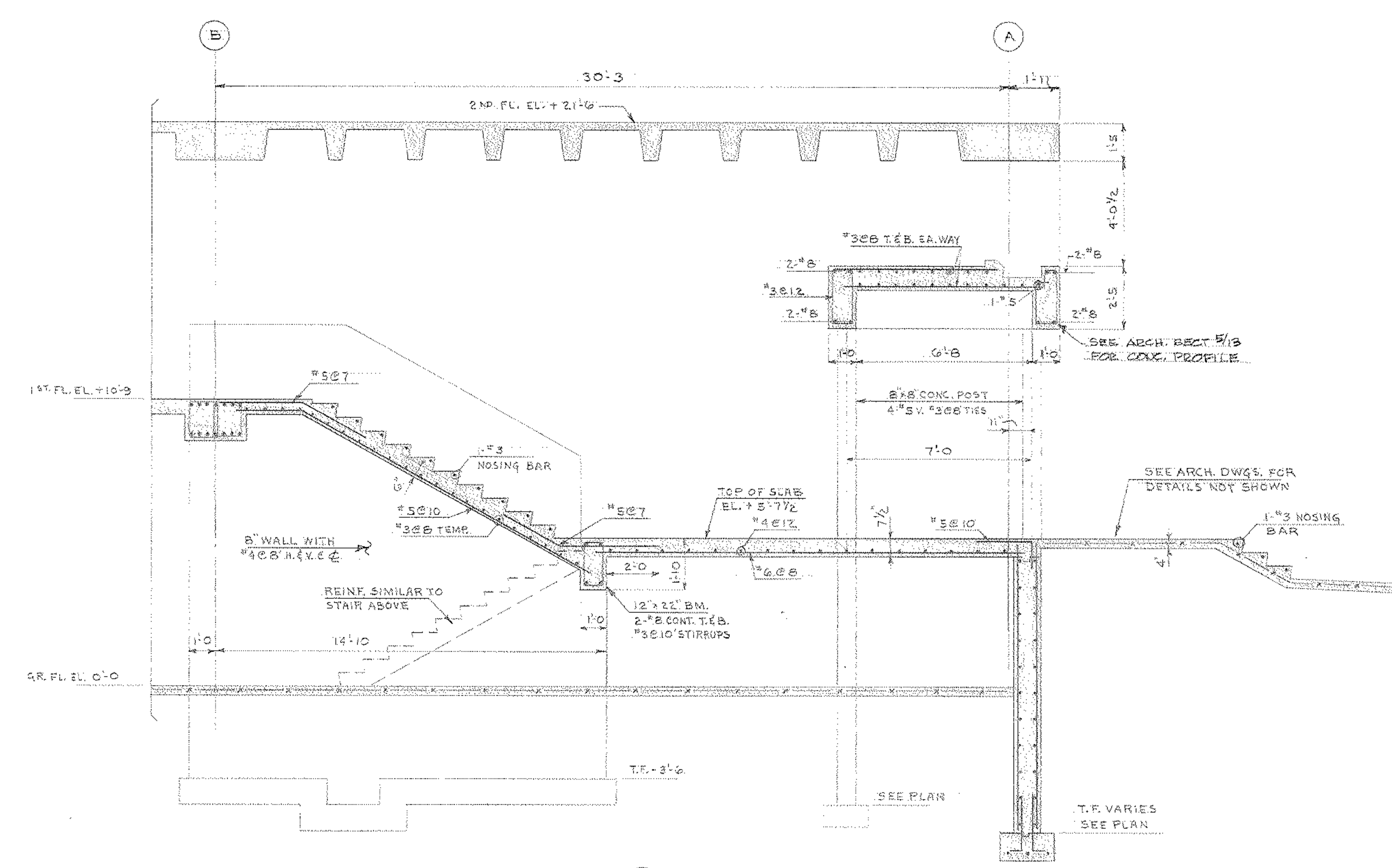


TYPICAL TRANSVERSE SECTION THRU FLOOR SYSTEM



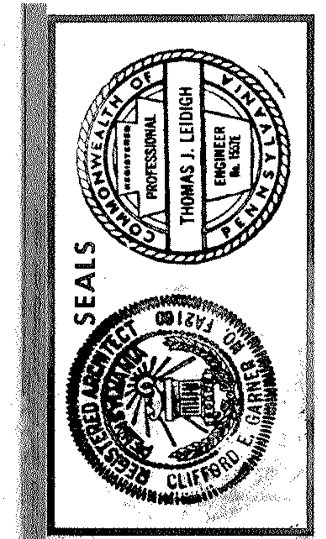
SECTION 5 S6

1/4" = 1'-0



SECTION 6 S6

1/4" = 1'-0



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THE SCHOOL DISTRICT OF PHILADELPHIA BOARD OF EDUCATION

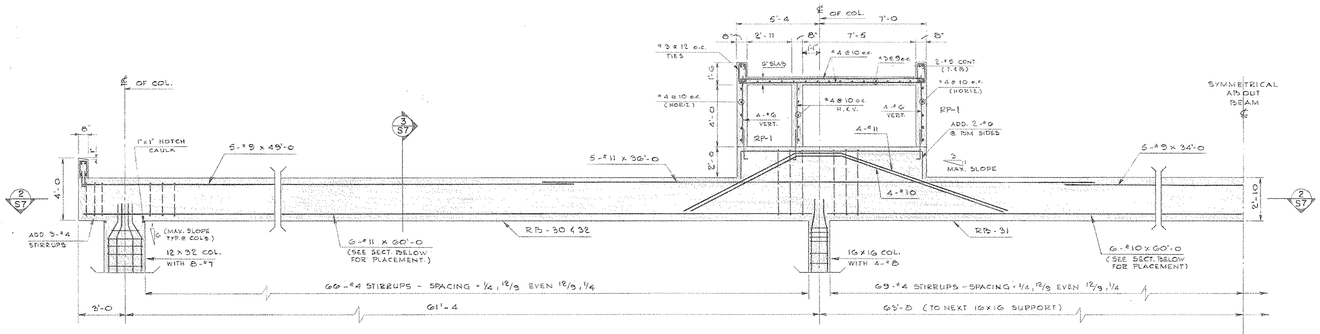
COLUMN SCHEDULE AND STAIR SECTIONS

REVISIONS			COMM. NO. 422	PROJ. NO. F-U
NO	DESCRIPTION	DATE	DATE 21 MAY 68	BLDG. NO. 60
			SCALE	TYPE 269

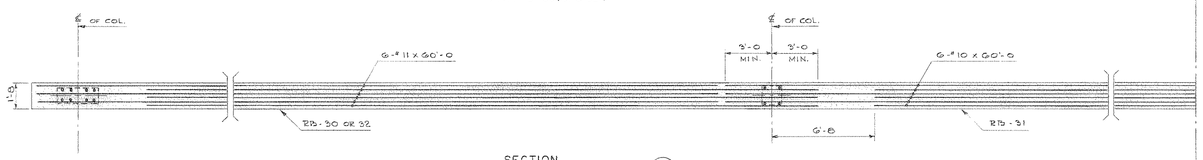
ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH WORK.

DRAWING NO.

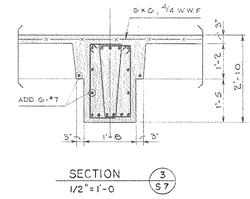
S·6



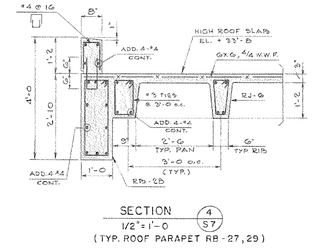
SECTION 1/S7
1/4" = 1'-0
(TYP. RB-30, 31 & 32)



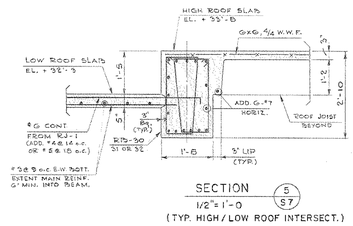
SECTION 2/S7
1/4" = 1'-0
(STAGGERED PLACEMENT OF BOTT. BARS)



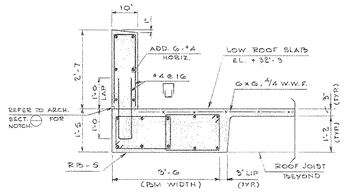
SECTION 3/S7
1/2" = 1'-0



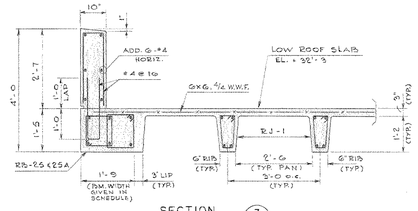
SECTION 4/S7
1/2" = 1'-0
(TYP. ROOF PARAPET RB-27, 29)



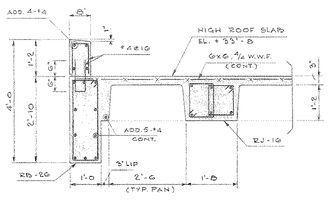
SECTION 5/S7
1/2" = 1'-0
(TYP. HIGH / LOW ROOF INTERSECT.)



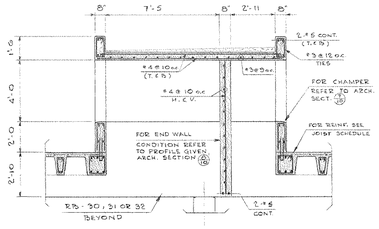
SECTION 6/S7
1/2" = 1'-0
(TYP. ROOF PARAPET RB-1 TO 11)



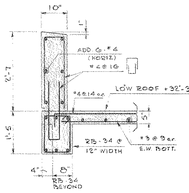
SECTION 7/S7
1/2" = 1'-0
(TYP. ROOF PARAPET RB-25, 25A)



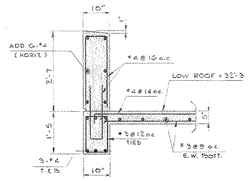
SECTION 8/S7
1/2" = 1'-0
(TYP. ROOF PARAPET RB-26)



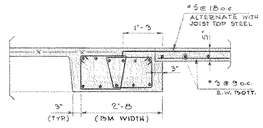
SECTION 9/S7
1/4" = 1'-0



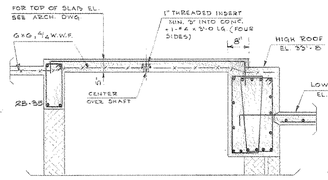
SECTION 10/S7
1/2" = 1'-0



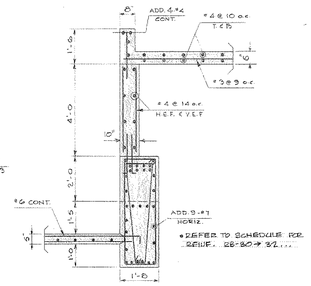
SECTION 11/S7
1/2" = 1'-0



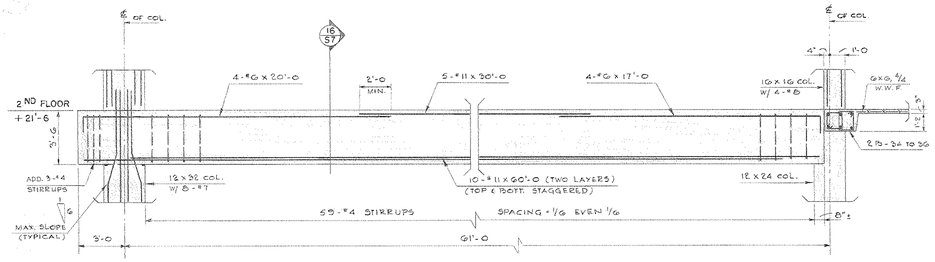
SECTION 12/S7
1/2" = 1'-0



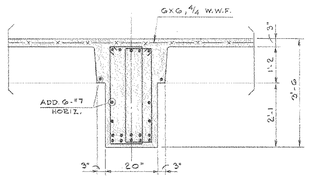
SECTION 13/S7
1/2" = 1'-0



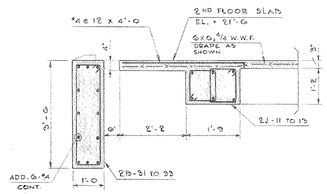
SECTION 14/S7
3/8" = 1'-0



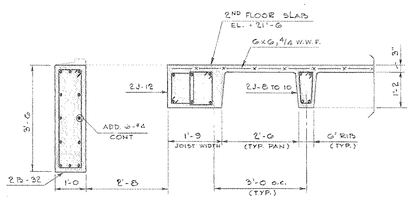
SECTION 15/S7
1/4" = 1'-0
(TYPICAL - 28-30)



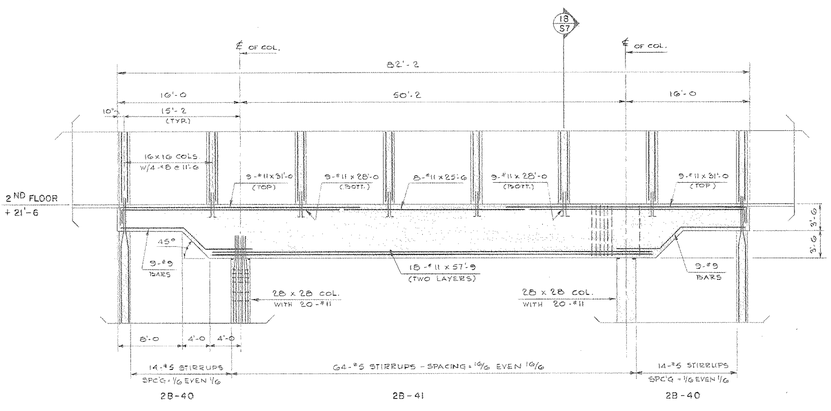
SECTION 16/S7
1/2" = 1'-0
(TYP. 28-30)



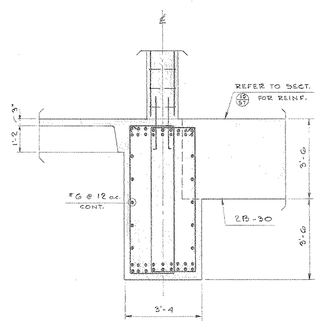
SECTION 19/S7
1/2" = 1'-0
(TYP. 28-31 TO 33 AS SHOWN)



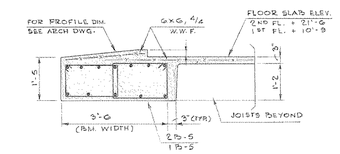
SECTION 20/S7
1/2" = 1'-0
(TYPICAL 28-32)



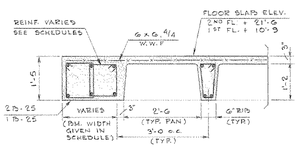
SECTION 17/S7
1/8" = 1'-0
(28-40 & 41)



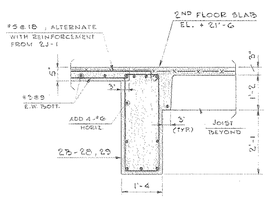
SECTION 18/S7
3/8" = 1'-0
(TYP. 28-40)



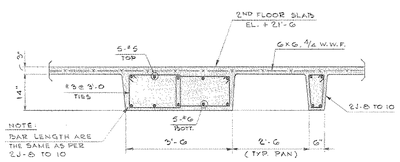
SECTION 21/S7
1/2" = 1'-0
(TYP. SPANDREL BEAMS - 28-1 TO 11, 1B-1 TO 11)



SECTION 22/S7
1/2" = 1'-0
(TYP. SPANDREL BEAMS - 28-25, 1B-25 A&B)



SECTION 23/S7
1/2" = 1'-0



SECTION 24/S7
1/2" = 1'-0

SEALS

THE GARNER & WHITE ASSOCIATES
CLIFFORD E. GARNER, A.I.A. ARTHUR B. WHITE, A.I.A.
ARCHITECTS AND PLANNERS
1737 CHESTNUT STREET PHILADELPHIA, PENNSYLVANIA LOCUST-7-5890
ROBERT D. LYNN, PROJECT ASSOCIATE
KEAST AND HOOD ADCOCK AND MATZ HARRY B. PRICE
STRUCTURAL ENGINEERS MECHANICAL ENGINEERS ELECTRICAL ENGINEER

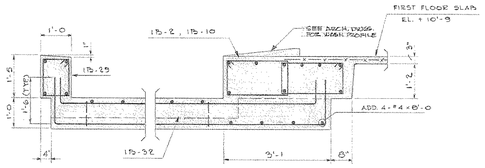
NEW ANDREW HAMILTON PUBLIC SCHOOL
57TH AND SPRUCE STREETS PHILADELPHIA, PENNSYLVANIA
THE SCHOOL DISTRICT OF PHILADELPHIA BOARD OF EDUCATION

MISCELLANEOUS SECTIONS

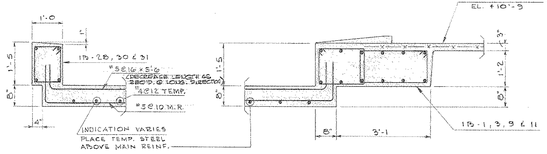
REVISIONS					
NO	DESCRIPTION	DATE	COMM. NO. 422	PROJ. NO. F-13	
			DATE 21 MAY 68	BLDG. NO. 60	
			SCALE	TYPE 269	

ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE VERIFIED AND REPORTED TO ARCHITECT AT THE SITE BEFORE PROCEEDING WITH WORK.

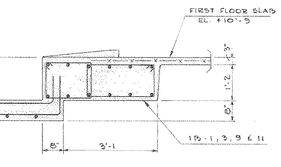
DRAWING NO.
S-7



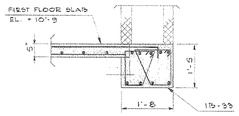
SECTION 1 (S-8)
1/2" = 1'-0



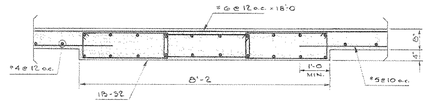
SECTION 2 (S-8)
1/2" = 1'-0



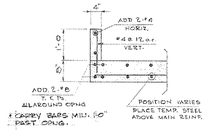
SECTION 3 (S-8)
1/2" = 1'-0



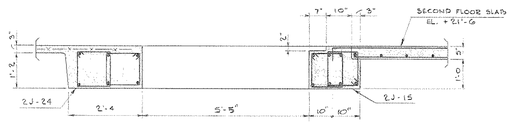
SECTION 4 (S-8)
1/2" = 1'-0



SECTION 5 (S-8)
1/2" = 1'-0



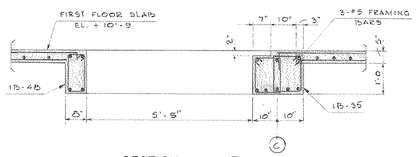
SECTION 6 (S-8)
1/2" = 1'-0



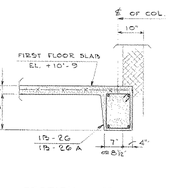
SECTION 7 (S-8)
1/2" = 1'-0

NOTE =

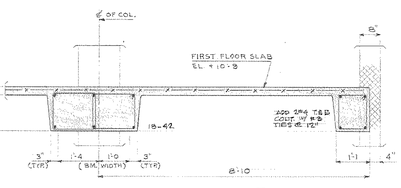
SEE PLAN SHEET S-3 & SLAB SCHEDULE SHEET S-6 FOR BAR SIZES NOT GIVEN.



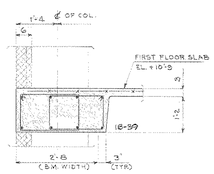
SECTION 8 (S-8)
1/2" = 1'-0



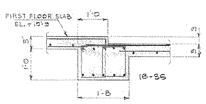
SECTION 9 (S-8)
1/2" = 1'-0



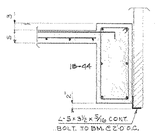
SECTION 10 (S-8)
1/2" = 1'-0



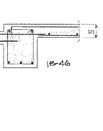
SECTION 11 (S-8)
1/2" = 1'-0



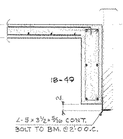
SECTION 12 (S-8)
1/2" = 1'-0



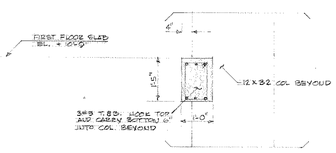
SECTION 13 (S-8)
1/2" = 1'-0



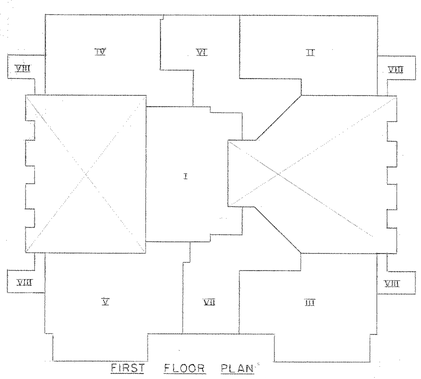
SECTION 14 (S-8)
1/2" = 1'-0



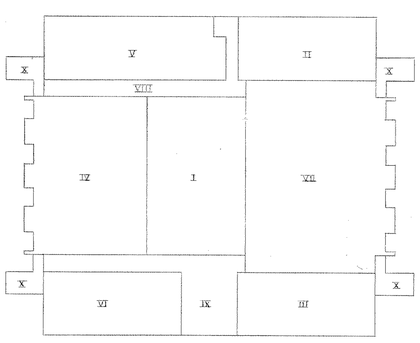
SECTION 15 (S-8)
1/2" = 1'-0



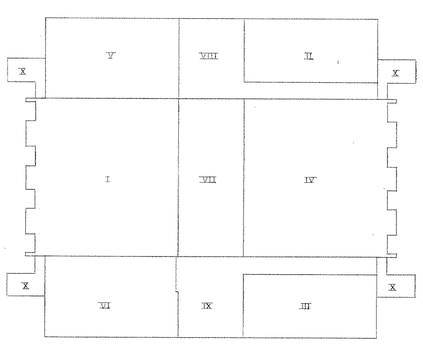
SECTION 16 (S-8)
1/2" = 1'-0



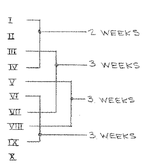
FIRST FLOOR PLAN

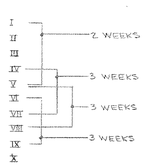


SECOND FLOOR PLAN



ROOF PLAN





POUR JOINT PLANS & SCHEDULES

POUR JOINT LOCATIONS AND MINIMUM TIME INTERVALS BETWEEN CERTAIN SPECIFIED POURS ARE SHOWN ABOVE. JOINTS ARE ARRANGED TO MINIMIZE SHRINKAGE STRESSES. REFER TO FRAMING PLANS FOR EXACT LOCATION OF JOINTS (P.J.). ALTERNATE JOINT LOCATIONS AND SEQUENCES ARE SUBJECT TO APPROVAL. POUR SLAB ON GRADE IN 600#± BLOCKS.

NOTES:

GENERAL

1. IF STRUCTURAL DRAWINGS ARE USED FOR LAYING OUT COLUMN CENTERS AND WALL LINES, ALL DIMENSIONS SHALL FIRST BE VERIFIED WITH THE ARCHITECTURAL DRAWINGS. LAYOUT SHALL BE CLOSED (CHECKED) BEFORE WORK IS BEGUN.
2. FOR LOCATION AND SIZE OF SLEEVES, CONDUITS, AND OTHER MINOR OPENINGS, SEE OTHER DRAWINGS IN THIS PROJECT.
3. SEE SPECIFICATIONS FOR GRADE AND QUALITY OF ALL MATERIAL ENTERING INTO THE WORK.
4. a.) SLAB ON GRADE POURS SHALL BE MADE IN APPROXIMATELY SQUARE PANELS LIMITED TO 800 SQUARE FEET AND SHALL BE DONE IN A CHECKERBOARD PATTERN. CONTRACTOR SHALL SUBMIT A LAYOUT OF PROPOSED CONSTRUCTION JOINTS TO THE ARCHITECT FOR APPROVAL BEFORE MAKING ANY POURS. CONSTRUCTION JOINTS ARE TO BE LOCATED WITH RESPECT TO PARTITIONS, FLOOR FINISHES, DEPRESSIONS, ETC..

   b.) CONSTRUCTION JOINTS IN AREAS RECEIVING TERRAZZO FINISH SHALL COINCIDE WITH METAL DIVIDER STRIPS.

   c) UNLESS OTHERWISE NOTED, CONSTRUCTION JOINTS IN SLABS ON GRADE SHALL BE KEYED AND MESH SHALL PASS THROUGH THE JOINT.

   d) SLAB ON GRADE SHALL BE THICKENED 8" UNDER NON-BEARING PARTITION WALLS AND REINFORCED WITH 2-#4 BARS UNDER WALL.

   e) PROVIDE PREMOLDED JOINT FILLER WHERE SLAB ABUTS WALL.
5. DESIGN LOAD CRITERIA FOLLOWS:

LOCATION	LIVE LOAD
CLASSROOMS AND OFFICES	60 P.S.F.
GYMNASIUM AND CORRIDORS	100 P.S.F.
ROOF	30 P.S.F.

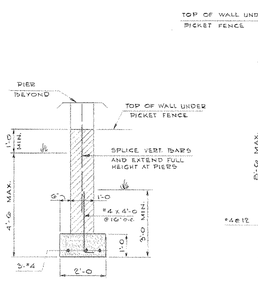
FOUNDATION

1. FOUNDATIONS ARE DESIGNED FOR A BEARING PRESSURE OF 6000 P.S.F.. CONTRACTOR MUST NOTIFY THE ARCHITECT WHEN FOOTINGS ARE OPENED.
2. FOOTINGS SHOULD BE CONCRETED ON THE SAME DAY IN WHICH EXCAVATION FOR THEM IS COMPLETED. IF PLACING OF CONCRETE IS DELAYED, FOOTING BOTTOM SHALL BE TRIMMED TO FIRM MATERIAL IMMEDIATELY BEFORE CONCRETING.
3. ELEVATION OF TOP OF FOOTING SHOWN THUS: T.F. = 4'-6 .
4. TYPE OF FOOTING SHOWN BY NUMBER. SEE SCHEDULE OR SECTIONS FOR SIZE AND REINFORCEMENT.
5. PROVIDE DOWELS EQUAL IN SIZE AND NUMBER TO PEDESTAL AND WALL FOOTINGS.
6. WHERE PIPES PASS UNDER WALL FOOTINGS, EXCAVATION BELOW BOTTOM OF FOOTING SHALL BE BACKFILLED WITH CONCRETE.
7. WHEN TRENCH BOTTOMS ARE DUG BELOW ADJACENT FOOTING BOTTOMS ON A SLOPE STEEPER THAN ONE VERTICAL TO TWO HORIZONTAL, THE TRENCH SHALL BE BACKFILLED WITH LEAN CONCRETE TO THE POINT WHERE THE STATED SLOPE CROSSES THE TRENCH.
8. FOOTINGS MAY BE POURED WITHOUT FORMS IF EARTH BANKS ARE STABLE.
9. PROVIDE CONTINUOUS KEYWAY AND DOWELS EQUAL TO VERTICAL WALL REINFORCING IN TOP OF WALL FOOTING SUPPORTING CONCRETE WALLS.
10. PROVIDE KEYWAY AND DOWELS AT CONSTRUCTION JOINTS IN CONCRETE WALLS.
11. REFER TO SPECIFICATIONS AND OTHER DRAWINGS FOR WATERPROOFING DETAILS AND PROCEDURES.
12. BEFORE BACKFILLING WALLS, ALL SLABS AND BEAMS THAT ARE NECESSARY FOR THE STABILITY OF THE WALLS SHALL BE IN PLACE.

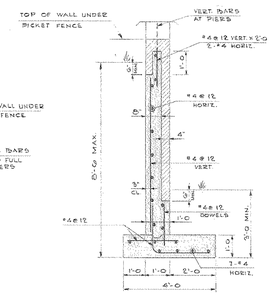
REINFORCED CONCRETE

1. UNLESS OTHERWISE NOTED, REINFORCED CONCRETE SHALL BE DETAILED, FABRICATED, AND PLACED IN ACCORDANCE WITH THE PROVISIONS SET FORTH BY THE AMERICAN CONCRETE INSTITUTE IN THE "MANUAL OF STANDARD PRACTICE" AND THE BUILDING CODE.
2. REINFORCING STEEL SHALL CONFORM TO A.S.T.M. SPECIFICATIONS A-432 AND A-305, AND SHALL BE INTERMEDIATE GRADE, NEW BILLET STEEL, EXCEPT WHERE NOTED.
3. CONCRETE IN ALL POURED-IN-PLACE STRUCTURAL MEMBERS SHALL DEVELOP A COMPRESSIVE STRENGTH OF 3500 P.S.I. WITHIN 28 DAYS.
4. UNLESS OTHERWISE NOTED, IN CONTINUOUS BEAMS, GIRDERS, AND SLABS, TOP STEEL OVER SUPPORTS SHALL BE EXTENDED TO 1/4 CLEAR SPAN OF THE LONGER ADJACENT SPAN; IN THE NON-CONTINUOUS ENDS, TOP STEEL SHALL BE EXTENDED TO 1/5 THE CLEAR SPAN AND THE OUTSIDE END OF BARS BENT DOWN.
5. REINFORCEMENT NOT SHOWN ON SECTIONS AND PLANS IS THE SAME AS THAT SHOWN IN SIMILAR SECTIONS AND AT SIMILAR LOCATIONS.
6. a.) WHERE STIRRUPS ARE CONTINUOUS THROUGHOUT A BEAM, PROVIDE 2-#5 SUPPORT BARS WITH 15" LAP ON TOP BEAM STEEL WHERE CONTINUOUS TOP STEEL IS NOT SCHEDULED.

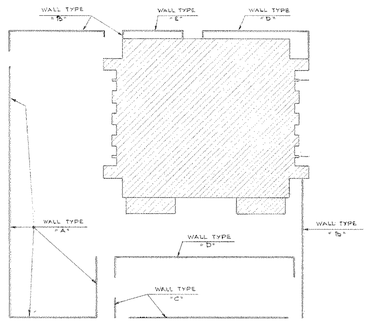
   b.) PROVIDE #5 SUPPORT BARS AT 4'-0 o.c., MAXIMUM FOR ALL SLAB TOP STEEL.
7. CLOSED STIRRUPS SHALL BE USED IN ALL SPANDREL BEAMS.
8. PROVIDE CORNER BARS EQUAL IN SIZE AND SPACING TO NORMAL WALL STEEL.
9. PROVIDE 2-#5 BARS TOP AND BOTTOM PARALLEL TO THE SIDES OF OPENINGS IN SLABS AND WALLS, EXTENDING 1'-6 BEYOND OPENING.
10. BETWEEN ALL SEPARATE POURINGS OF CONCRETE, PROVIDE DOWELS EQUAL IN SIZE AND NUMBER TO BARS IN THE DOWELED MEMBER.
11. LENGTH OF REINFORCING BARS SHOWN DOES NOT INCLUDE HOOKS.
12. REINFORCING STEEL DETAILER SHALL USE THE SAME MARKS AS SHOWN ON THE DESIGN DRAWINGS OR SHALL ADEQUATELY CROSS REFERENCE TO THE SATISFACTION OF THE ARCHITECT.
13. REINFORCING STEEL DETAILER SHALL SHOW WALL ELEVATIONS AND SECTIONS, WITH PERTINENT ELEVATIONS GIVEN, TO CLEARLY INDICATE THE POSITION OF THE REINFORCEMENT.
14. UNLESS OTHERWISE NOTED, REINFORCE SLABS ON GROUND WITH 6x6/6/6 W.W.F.
15. EXTENT OF DEPRESSED SLAB AREAS IS SHOWN ON ARCHITECTURAL AND STRUCTURAL PLANS. METAL PAN FORMS SHALL BE "LONGFORMS" OF THE FLANGED BOTTOM TYPE, WIDTH AND LENGTH AS SHOWN ON PLANS AND SCHEDULES.
16. LOCATION OF CONSTRUCTION JOINTS AND DELAYED POUR STRIPS ARE SHOWN ON THE DRAWINGS.



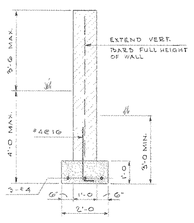
WALL TYPE "A"
3/8" = 1'-0



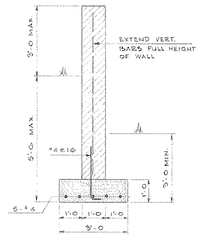
WALL TYPE "B"
3/8" = 1'-0



SITE PLAN
1/64" = 1'-0



WALL TYPE "C"
3/8" = 1'-0



WALL TYPE "D"
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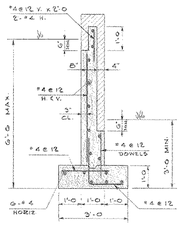


WALL TYPE "E"
3/8" = 1'-0

SEALS

THE GARNER & WHITE ASSOCIATES
ARCHITECTS AND PLANNERS
CLIFFORD E. GARNER A.I.A. ARTHUR B. WHITE, A.I.A.
1737 CHESTNUT STREET PHILADELPHIA, PENNSYLVANIA LOCUST-7-5890
KEAST AND HOOD, STRUCTURAL ENGINEERS — ROBERT D. LYNN, PROJECT ASSOCIATE — ADCOCK AND MATZ, MECHANICAL ENGINEERS — HARRY B. PRICE, ELECTRICAL ENGINEER

NEW ANDREW HAMILTON PUBLIC SCHOOL
57TH AND SPRUCE STREETS PHILADELPHIA, PENNSYLVANIA
THE SCHOOL DISTRICT OF PHILADELPHIA BOARD OF EDUCATION

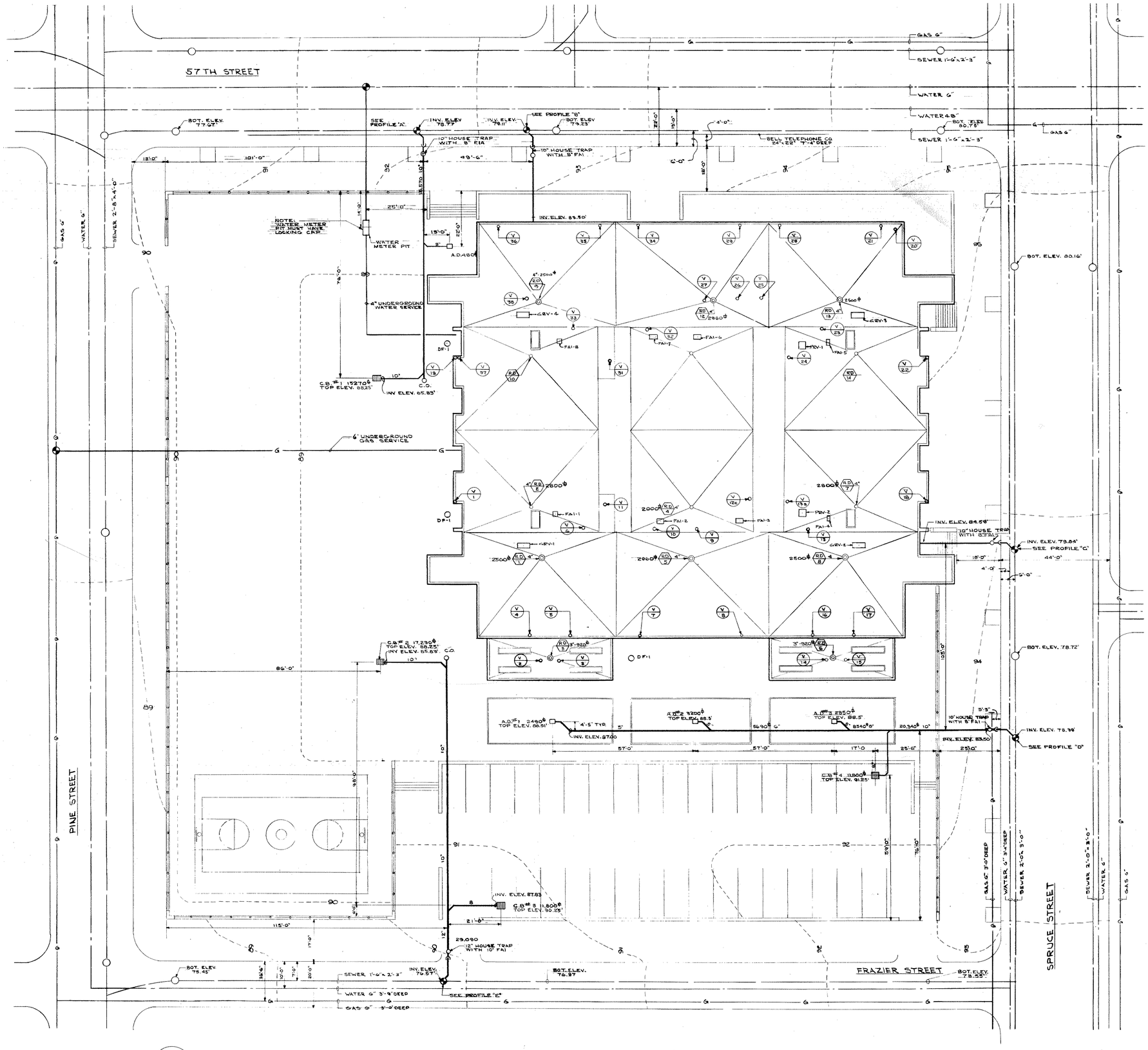
GENERAL NOTES AND MISCELLANEOUS SECTIONS

NO.	REVISIONS DESCRIPTION	DATE

ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH WORK.

COMM. NO.	PROJ. NO.	BLDG. NO.
422	F-U	60
DATE 21 MAY 68	SCALE	TYPE 269

DRAWING NO.
S·8



MECHANICAL LEGEND

—H—	HOT WATER HEATING SUPPLY
—H—	HOT WATER HEATING RETURN
—L—	LOW PRESSURE STEAM SUPPLY
—L—	LOW PRESSURE CONDENSATE RETURN
—I—	PUMPED CONDENSATE RETURN
—O—	DUAL TEMPERATURE WATER SUPPLY
—D—	DUAL TEMPERATURE WATER RETURN
—CD—	CONDENSATE DRAIN
—CH—	CHILLED WATER SUPPLY
—CH—	CHILLED WATER RETURN
—C—	CONDENSER WATER SUPPLY
—C—	CONDENSER WATER RETURN
FT	FLOAT & THERMOSTIC TRAP
	REDUCERS - ECCENTRIC & CONCENTRIC
	SOLENOID VALVE
	TWO POSITION AUTOMATIC CONTROL VALVE
	THREE WAY AUTOMATIC CONTROL VALVE
	THERMOMETER
	PRESSURE GAUGE
	THERMOSTAT
AV	AUTOMATIC VENT - TOP OF RISER
FC	FLEXIBLE CONNECTION
FLD	FUSIBLE LINK DAMPER
VCD	VOLUME CONTROL DAMPER
OR TV	TURNING VANES
OA	OUTSIDE AIR
RA	RETURN AIR
SA	SUPPLY AIR
	EXHAUST AIR
L	LOUVERED DOOR
	RELIEF VALVE
AP	ACCESS PANEL
CO	CLEANOUT
	GATE VALVE
	GLOBE VALVE
	GAS COCK
	BALANCING COCK
	CHECK VALVE
	STRAINER
	EXPANSION JOINT
	EXPANSION ANCHOR
	EXPANSION GUIDES
	VIBRATION ABSORBER
	PIPE BELOW SLAB IN SPLIT TERRA-COTTA
	POINT OF CONNECTION TO EXISTING
SP	SPRINKLER
	FIRE HYDRANT
G	GAS
	COLD WATER
	HOT WATER
	HOT WATER RECIRCULATING
	SANITARY DRAINAGE
—R—	STORM DRAINAGE
—V—	VENT
C.I.	CAST IRON
T.C.	TERRA-COTTA PIPE
R.C.P.	REINFORCED CONCRETE PIPE
A.D.	AREA DRAIN
F.D.	FLOOR DRAIN
C.B.	CATCH BASIN
M.H.	MANHOLE
H.B.	HOSE BIBB
W.H.	WALL HYDRANT
AFV	AUTOMATIC FEED VALVE
	UNION
	RELIEF AIR (REL.)
FAI	FRESH AIR INLET
	SMOKE DETECTOR
HCDR	HOT & COLD WATER RISER
RD	ROOF DRAIN
RWC	RAIN WATER CONDUCTOR
SV	SOIL & VENT
WV	WASTE & VENT
V	VENT

NOTES

STREET SEWER LOCATIONS & ELEVATIONS OBTAINED FROM SEWER RETURN PLANS, ROOM 1104 MUNICIPAL SERVICE BUILDING BROAD & ARCH STS. PHILA. PA.

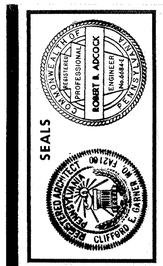
57TH STREET PLAN # 7039
SPRUCE ST. PLAN # 6343
FRAZIER ST. PLAN # 6768

STREET SERVICES FROM BOARD OF HIGHWAYS SUPERVISOR'S DWG'S. (56-S-3), (56-S-4), (57-S-3), (57-S-4)

SITE PLAN & ROOF PLAN

SCALE 1/16"=1'-0"

SEALS



THE GARNER & WHITE ASSOCIATES
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ADCOCK AND MATZ — MECHANICAL ENGINEERS
ROBERT D. LYNN — PROJECT ASSOCIATE
HARRY B. PRICE — ELECTRICAL ENGINEER

NEW ANDREW HAMILTON PUBLIC SCHOOL

57TH AND SPRUCE STREETS
THE SCHOOL DISTRICT OF PHILADELPHIA

PHILADELPHIA, PENNSYLVANIA
BOARD OF EDUCATION

SITE PLAN

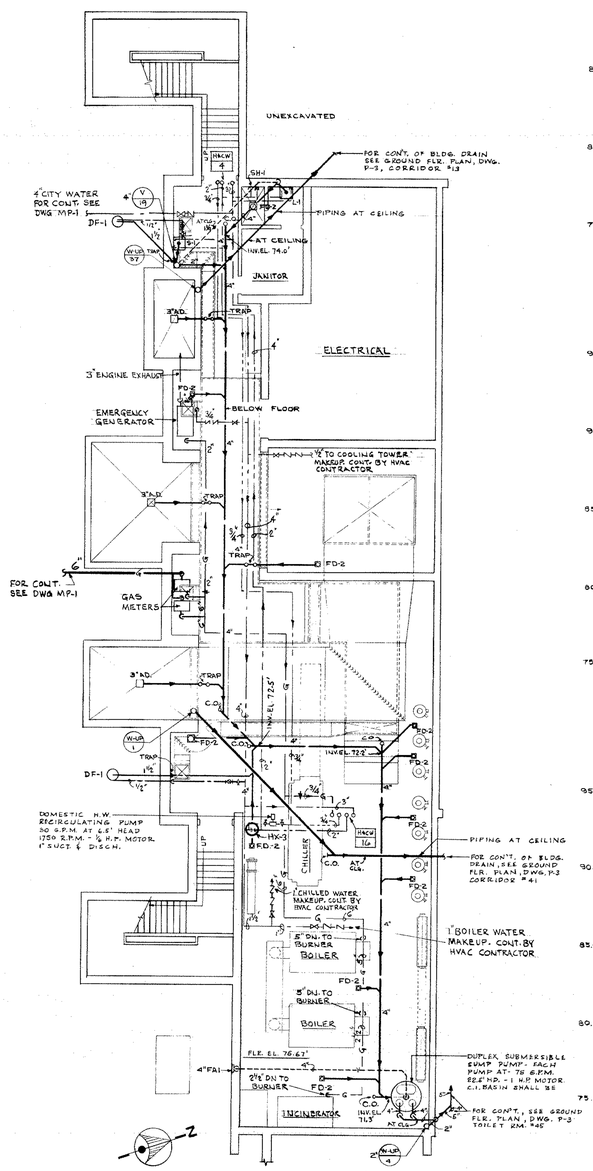
REVISIONS			
NO	DESCRIPTION	DATE	

COMM. NO. 422	PROJ. NO. F-U
DATE 21 MAY 68	BLDG. NO. 60
SCALE	TYPE 269

ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH WORK.

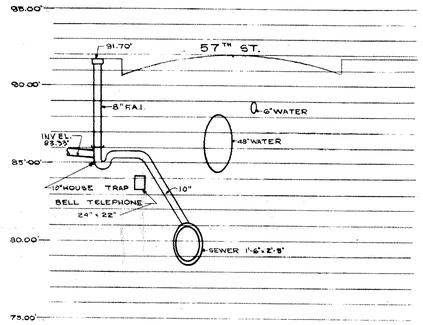
DRAWING NO.

MP-1



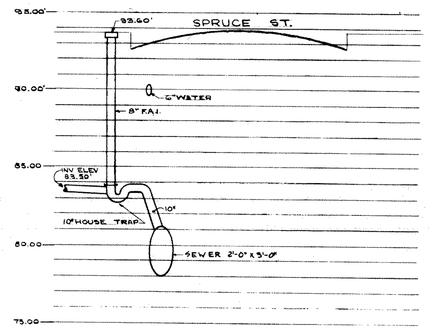
BASEMENT FLOOR PLAN

SCALE 1/8"=1'-0"



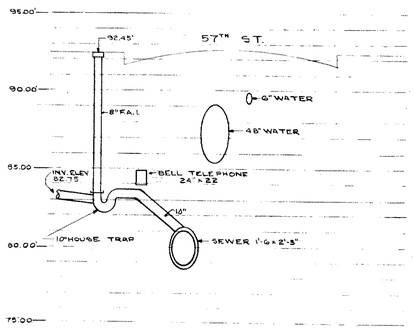
PROFILE "A" SOUTH

SCALE 1/8"=1'-0" HORIZONTAL
1/4"=1'-0" VERTICAL



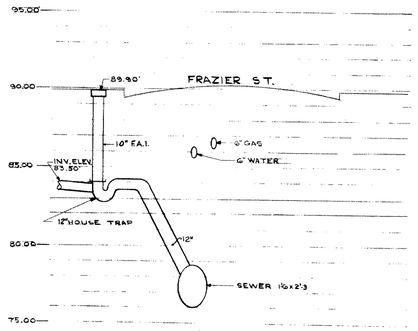
PROFILE "D" WEST

SCALE 1/8"=1'-0" HORIZONTAL
1/4"=1'-0" VERTICAL



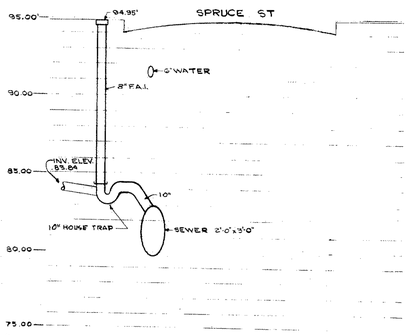
PROFILE "B" SOUTH

SCALE 1/8"=1'-0" HORIZONTAL
1/4"=1'-0" VERTICAL



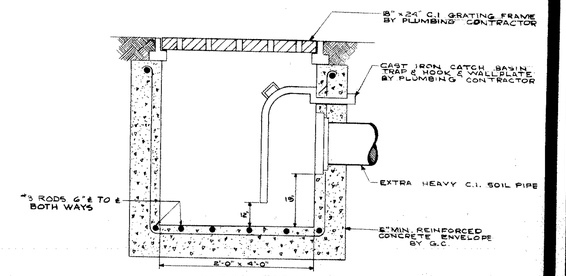
PROFILE "E" NORTH

SCALE 1/8"=1'-0" HORIZONTAL
1/4"=1'-0" VERTICAL



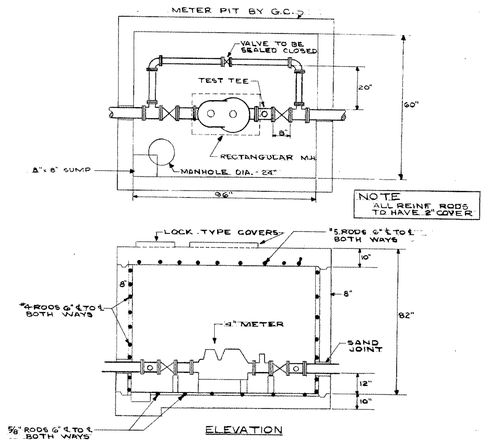
PROFILE "C" WEST

SCALE 1/8"=1'-0" HORIZONTAL
1/4"=1'-0" VERTICAL



CATCH BASIN DETAIL

NO SCALE



ELEVATION

COMPOUND METER PIT

NO SCALE

PLUMBING FIXTURE SCHEDULE

NO.	FIXTURE	RUNOUT SIZES C.W.	RUNOUT SIZES H.W.	RUNOUT SIZES TRAP	REMARKS
WC-1	WATER CLOSET	1¼"	—	4"	WALL HUNG - (FLUSH VALVE)
WC-2	WATER CLOSET	1¼"	—	4"	WALL HUNG - (FLUSH VALVE)
UR-1	URINAL	1"	—	2"	WALL HUNG - (FLUSH VALVE)
L-1	LAVATORY	½"	½"	1¼"	2" DRAIN BELOW GRADE FLOOR TO RIM EL. 31"
L-2	LAVATORY	½"	½"	1¼"	ONLY IN KINDERGARTEN FLOOR TO RIM EL. 28"
SH-1	SHOWER	½"	½"	3"	SINGLE STALL
SH-2	SHOWER	½"	½"	3"	GANG SHOWER
EWC-1	ELECTRIC WATER COOLER	½"	—	1¼"	
DF-1	FROST PROOF DRINKING FOUNTAIN & CUSP.	½"	—	1¼"	
DF-2	DRINKING FOUNTAIN	½"	—	1½"	
DF-3	DRINKING FOUNTAIN	½"	—	1½"	BY GENERAL CONTRACTOR
S-1	MOP RECEPTOR	¾"	¾"	3"	
S-2	COUNTERTOP SINK	½"	½"	1½"	BY GENERAL CONTRACTOR
S-3	CL. SINK & BUBBLER	½"	½"	1½"	
S-4	2 COMP. SINK	½"	½"	1½"	BY GENERAL CONTRACTOR
S-5	3 COMP. SINK	¾"	¾"	1½"	
S-6	CLASSROOM SINK	½"	½"	1½"	WITHOUT BUBBLER
FD-1	FLOOR DRAIN	—	—	3"	
FD-2	FLOOR DRAIN	—	—	4"	BOILER ROOM
FD-3	FLOOR DRAIN	—	—	3"	SAFE WASTE
FD-4	FLOOR DRAIN	—	—	3"	FLOOR SINK
W.H.	WALL HYDRANT	¾"	—	—	NON-FREEZE TYPE
H.B.	HOSE BIBB	½"	—	—	
K-1	DWYER UNIT	½"	½"	1½"	

SEALS

THE GARNER & WHITE ASSOCIATES
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ROBERT CONN, PROJECT ASSOCIATE
HARRY B. PRICE, ELECTRICAL ENGINEER
KEAST AND HOOD, STRUCTURAL ENGINEERS
ADCOCK & HARTZ, MECHANICAL ENGINEERS

NEW ANDREW HAMILTON PUBLIC SCHOOL

57TH AND SPRUCE STREETS PHILADELPHIA, PENNSYLVANIA
THE SCHOOL DISTRICT OF PHILADELPHIA BOARD OF EDUCATION

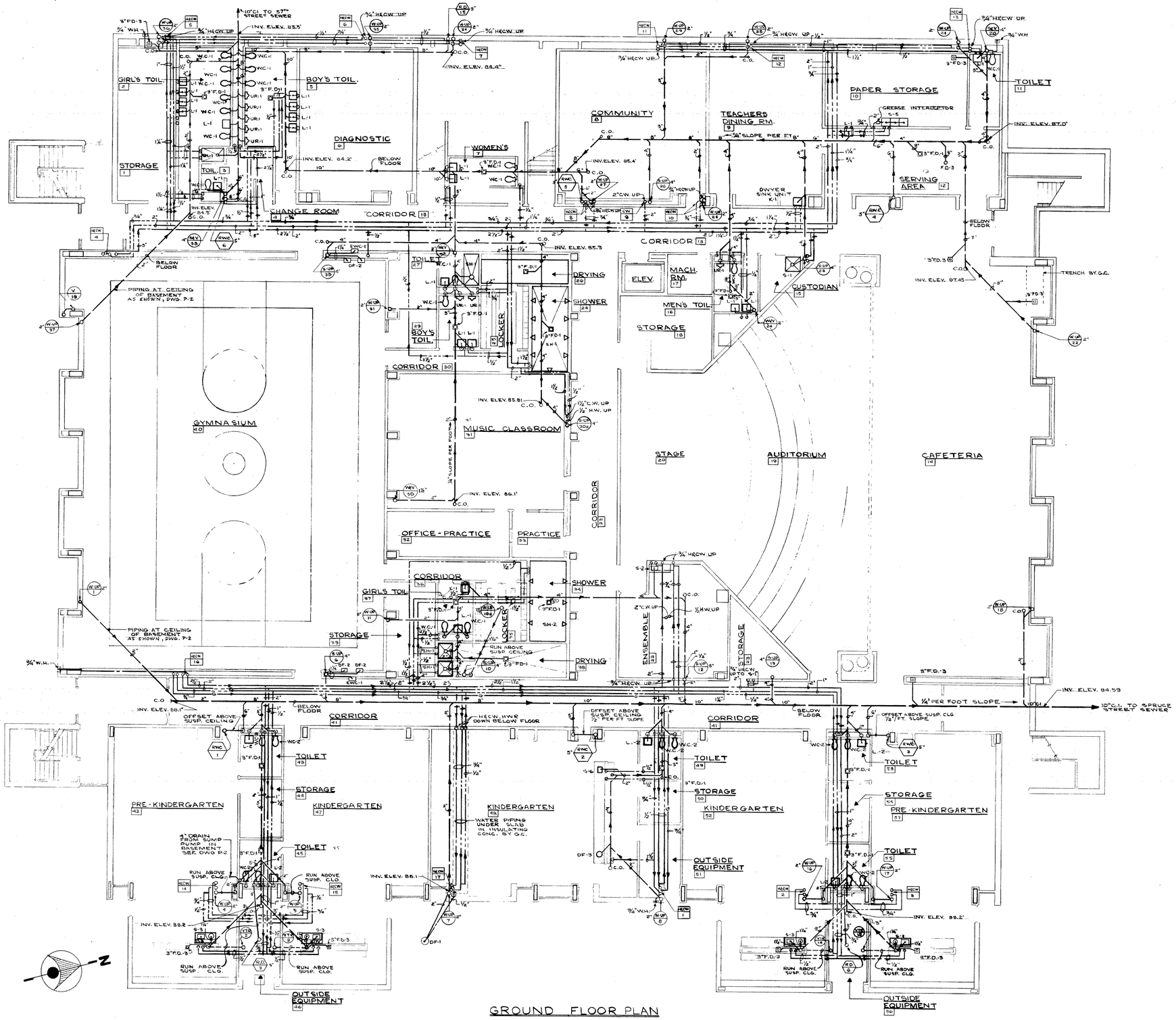
BASEMENT PLAN, PROFILES AND DETAILS

REVISIONS NO	DESCRIPTION	DATE
	ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH WORK.	

COMM. NO.	PROJ. NO.	BLDG. NO.
422	F-U	60
DATE 21 MAY 68		
SCALE		TYPE 269

DRAWING NO.

P·2



GROUND FLOOR PLAN

SCALE 1/8"=1'-0"

SEALS

THE GARNER & WHITE ASSOCIATES
CLIFFORD E. GARNER, A.I.A. ARCHITECTS AND PLANNERS ARTHUR B. WHITE, A.I.A.
1737 CHESTNUT STREET PHILADELPHIA, PENNSYLVANIA LOCUST-7-5800
KEAST AND HOOD ROBERT D. LYNN, PROJECT ASSOCIATE
STRUCTURAL ENGINEERS ADCOCK AND MATZ MECHANICAL ENGINEERS HARRY B. PRICE ELECTRICAL ENGINEER

NEW ANDREW HAMILTON PUBLIC SCHOOL

57TH AND SPRUCE STREETS PHILADELPHIA, PENNSYLVANIA

THE SCHOOL DISTRICT OF PHILADELPHIA BOARD OF EDUCATION

GROUND FLOOR PLAN

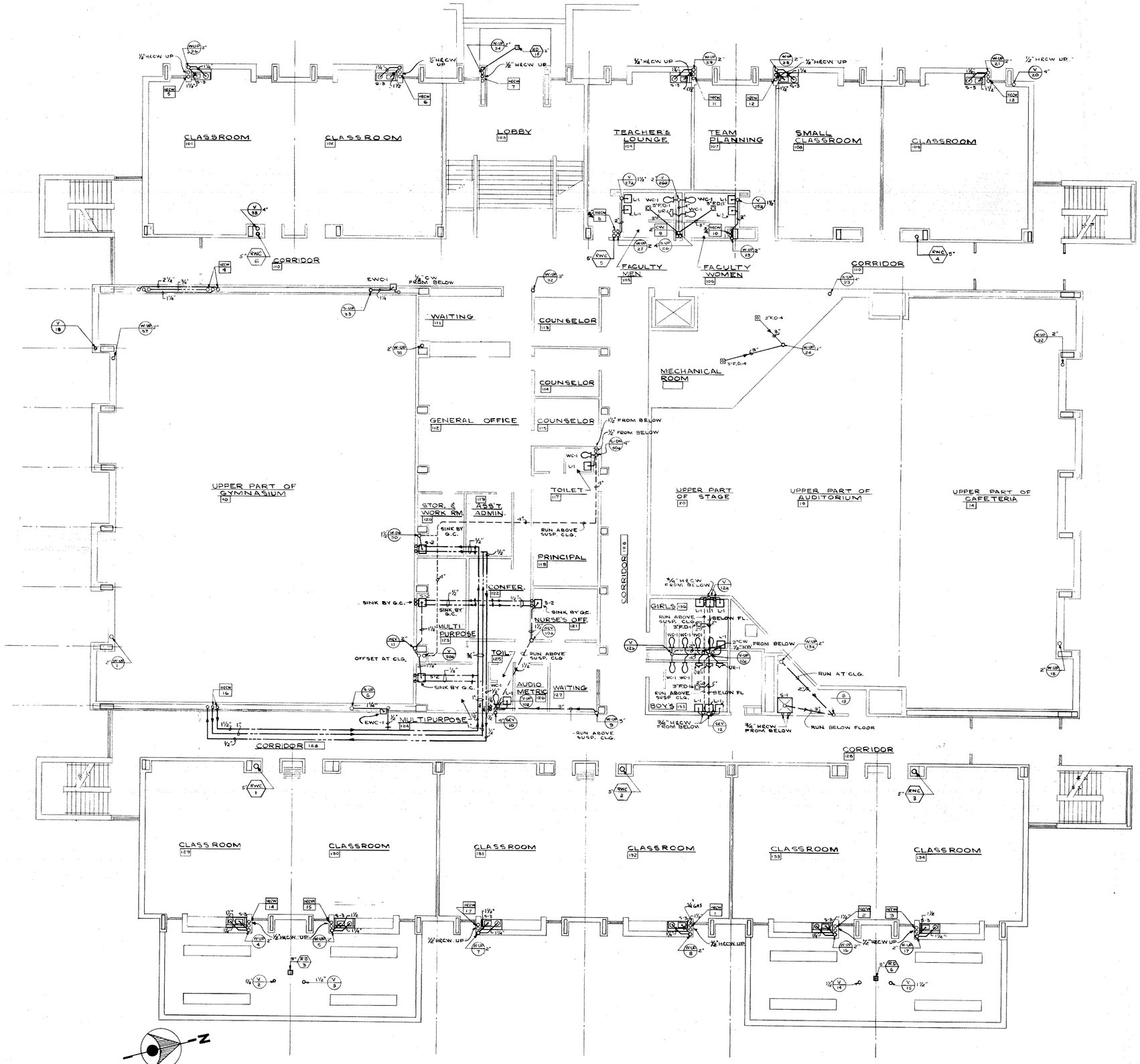
COMM. NO.	PROJ. NO.
422	F-U
DATE	BLDG. NO.
21 MAY 68	60
SCALE	TYPE
	269

NO	DESCRIPTION	DATE
	REVISIONS	

ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH WORK.

DRAWING NO.

P·3



FIRST FLOOR PLAN

SCALE 1/8"=1'-0"

SEALS

ROBERT B. ADCOCK REGISTERED PROFESSIONAL ENGINEER No. 6684-E

CLIFFORD E. GARNER REGISTERED ARCHITECT No. 09124

THE GARNER & WHITE ASSOCIATES
CLIFFORD E. GARNER, A.I.A. ARTHUR B. WHITE, A.I.A.
ARCHITECTS AND PLANNERS
1737 CHESTNUT STREET PHILADELPHIA, PENNSYLVANIA LOCUST-7-5890
ROBERT D. LYNN, PROJECT ASSOCIATE
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NEW ANDREW HAMILTON PUBLIC SCHOOL
57TH AND SPRUCE STREETS PHILADELPHIA, PENNSYLVANIA
THE SCHOOL DISTRICT OF PHILADELPHIA BOARD OF EDUCATION

FIRST FLOOR PLAN

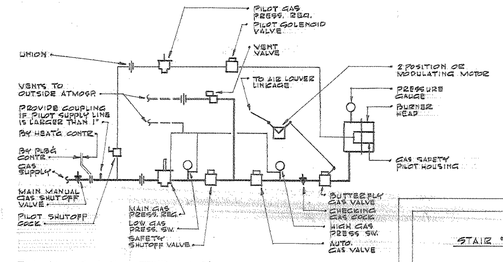
REVISIONS				
NO.	DESCRIPTION	DATE		

ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY CONTRACTOR AT THE SITE PRIOR TO PROCEEDING WITH WORK.

COMM. NO. 422	PROJ. NO. F-U
DATE 21 MAY 68	BLDG. NO. 60
SCALE	TYPE 269

DRAWING NO.

P·4



F.I.A. GAS TRAIN

NOTE: VENTING OF ALL GAS TRAINS SHALL BE IN ACCORDANCE W/ PHILA. GAS WORKS & THE PHILA. SCHOOL DISTRICT

BOILER ROOM NOTES

(A) CAST IRON SECTIONAL LOW PRESSURE STEAM BOILER RATED AT 6,030,000 MBH GROSS I.B.R. OUTPUT 5600.0 MBH NET I.B.R. RATING. 5,500 CFH GAS BURNER CAPACITY. 3 H.P. BURNER MOTORS.

(B) INCINERATOR - 200 LB/HR. CAPACITY TYPE II WASTE PRIMARY & SECONDARY 1/20 HP GAS BURNER. 300 CFH (MAX) EACH BURNER. 1/2 BURNER W/ 3/4 HP IND DRAFT FAN.

(C) FOR CONTINUATION OF CONDENSATE PIPING SEE SCHEM. FLOW DIAGRAM. DRAWING M-6.

(D) STEAM ABSORPTION GENERATOR - 70 TON CAPACITY TO CHILL 693 GPM WATER FROM 51.0°F TO 44.0°F - 836 GPM CONDENSER WATER AT 85.0°F EWT TO 90.7°F LWT - 1 PUMP CONDENSER (@ 17 FT. - 5 PASS 206.22 @ 83 FT. - 13.8 - 1.35 STEAM / HR / TON - 12 PSIG STEAM - 9300 LBS/HR. TOTAL - 5 H.P. MOTOR RATING.

(E) 180 GALLON A.S.M.E. COMPRESSION TANK (HEATING) 30" DIA. x 70" LG.

(F) 120 GALLON A.S.M.E. COMPRESSION TANK (DUAL PURPOSE) 24" DIA. x 66 1/2" LG.

(G) 24 GALLON A.S.M.E. COMPRESSION TANK (CH. WATER) 16 1/2" DIA. x 50" LG.

(H) AIR ELIMINATOR FITTING

(I) 17" x 25" G.A. DUCT UP TO HV UNIT IN GYM. PROVIDE FLD AT FLOOR

(J) COOLING TOWER - CAPACITY TO COOL 850 GPM FROM 102.7°F EWT TO 85°F LWT. @ 78°F W.B. - 8,000 CFM - 12'-6" MAX. HEIGHT - (2) 20 H.P. MOTORS.

(K) 1 1/2" HEATING SUPPLY & RETURN TO HV UNIT IN GYM.

(L) TRANSFORMER RM. EXHAUST FAN MOUNTED ON WASH RM CEILING SLAB. W/ VIBRATION ELIMINATORS - 4500 CFM @ 1/2" S.P. - 2150 RPM - 3/40 HP FAN RPM - 1/2 HP.

(M) PIPING RISERS UP - FOR CONTN SEE DRAWING M-3

(N) 60" x 24" DISCHARGE OPENING THRU WALL W/ FLD AND 1/2" SCREEN.

(O) 30" W x 60" H. MIN. G.A. DAMPER (FOR HV-1, 2, 3, 4 & 5) ONLY } MOTOR OPERATED

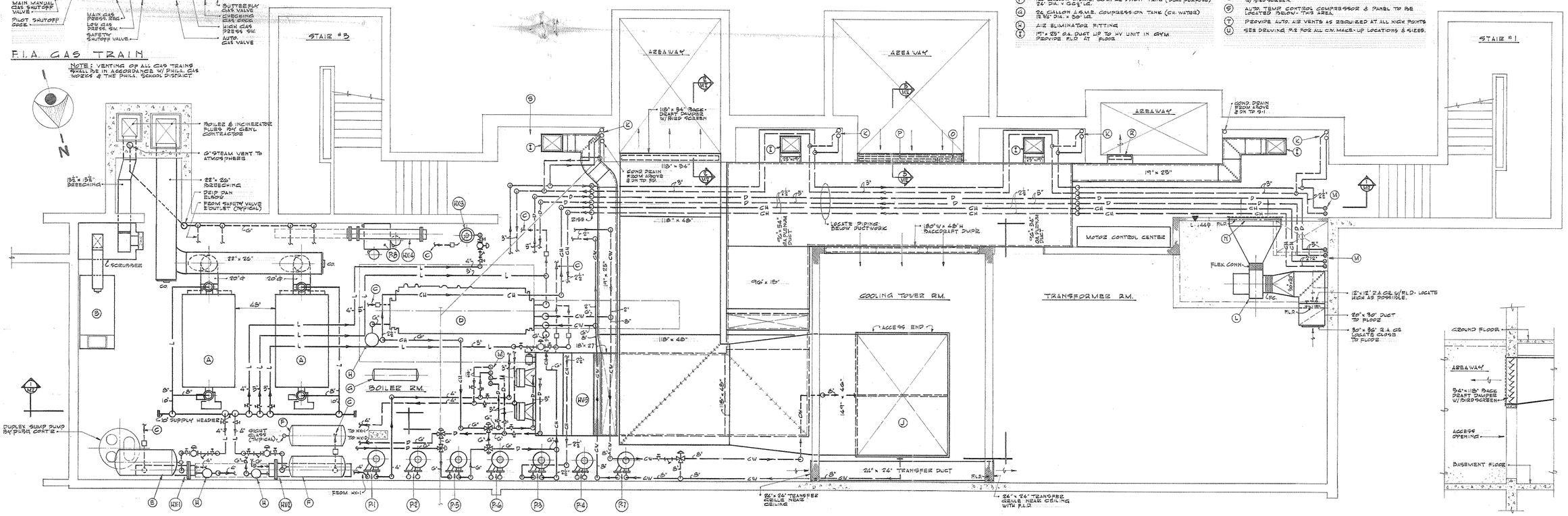
(P) 88" W x 60" H. G.A. DAMPER TO BE USED IN CONJUNCTION WITH MIN. G.A. DMPR. FOR MAX. G.A. (FOR HV-1, 2, 3, 4, 5 & CUE TOWER) } MOTOR OPERATED

(R) 18" W x 24" H COMBUSTION AIR LOUVER (MOTOR OPERATED) W/ 1/2" SCREEN.

(S) AUTO. TEMP CONTROL COMPRESSOR & PANEL TO BE LOCATED BELOW - THIS AREA.

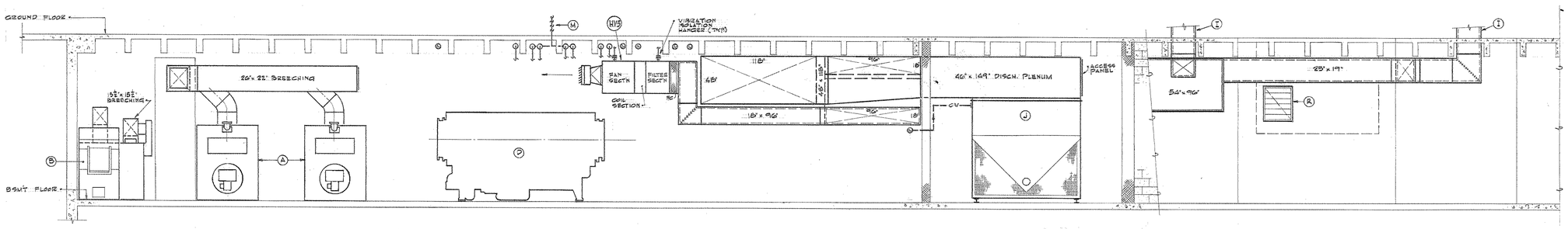
(T) PROVIDE AUTO. AIR VENTS AS REQUIRED AT ALL HIGH POINTS

(U) SEE DRAWING M-2 FOR ALL C.W. MAKE-UP LOCATIONS & SIZES.



BASEMENT FLOOR PLAN
SCALE: 1/4" = 1'-0"

SECTION 2/M2
SCALE: 1/4" = 1'-0"



SECTION 1/M2
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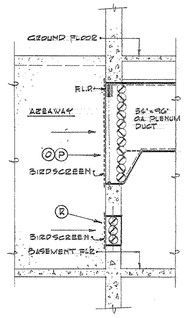
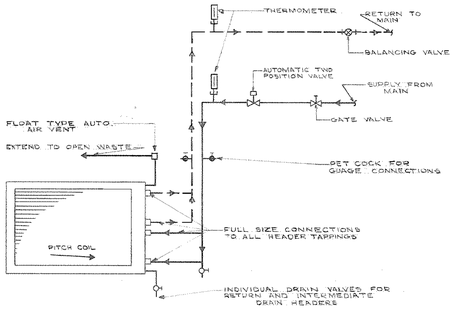
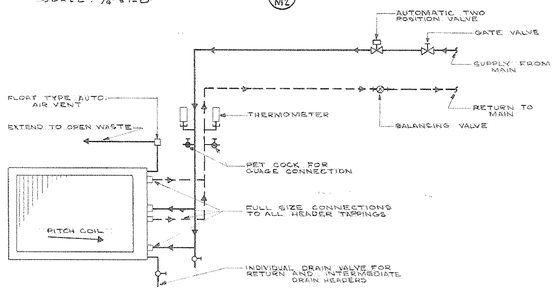


SECTION 3/M2
SCALE: 1/4" = 1'-0"



TYPICAL CHILLED WATER COOLING COIL PIPING DIAGRAM
NO SCALE



TYPICAL HOT WATER HEATING COIL PIPING DIAGRAM
NO SCALE

PUMP SCHEDULE

NO.	DUTY	GPM	HD	RPM	HP	SUCT.	DISCH.	REMARKS
1	HEATING CIRCULATOR	122	45'	1750	3	2½"	2"	
2	" "	122	45'		3	2½"	2"	SPARE
3	CHILLED WATER CIRC.	47	63'		2	1½"	1½"	
4	" " "	47	63'		2	1½"	1½"	SPARE
5	DUAL TEMPERATURE WATER CIRCULATOR	377	49'		7½	4"	3"	
6	" "	377	49'		7½	4"	3"	SPARE
7	CONDENSER WATER PUMP	687	73'		20	6"	6"	
8	CONDENSATE PUMP	60	20'		1/3 EA.	–	1½"	DUPLEX UNIT W/ALTERNATOR ON 52 GAL. RECEIVER
9	" "	60	20'		1/3 EA.	–	1½"	" "

HEAT EXCHANGER SCHEDULE

NO.	DUTY	PRIMARY MEDIUM STEAM PRESS.	PRIMARY MEDIUM STEAM LBS./HR.	PRIMARY MEDIUM WATER E.W.T.	PRIMARY MEDIUM WATER L.W.T.	PRIMARY MEDIUM WATER G.P.M.	SECONDARY MEDIUM STEAM PRESS.	SECONDARY MEDIUM STEAM LBS./HR.	SECONDARY MEDIUM WATER E.W.T.	SECONDARY MEDIUM WATER L.W.T.	SECONDARY MEDIUM WATER G.P.M.	LENGTH	DIAM.	SQ. FT. SURF.	REMARKS
HX-1	HOT WATER HEATING ZONE CONVERTOR	14#	1872	—	—	—	—	—	190°	210°	7980	68"	12"	85.6	2 - PASS
HX-2	DUAL TEMPERATURE ZONE CONVERTOR	14#	1716	—	—	—	—	—	180°	210°	6660	95"	16"	210	2 - PASS
HX-3	DOM. HOT WATER HEATER	14#	1680	—	—	—	—	—	40°	140°	1936	46"	14"	35	2-PASS - 20 GAL. SHELL CAP.
HX-4	CONDENSATE COOLER	—	—	85°	95°	2220	—	—	237°	180°	384	84"	6"	—	2 - PASS

SEALS

ROBERT B. ADCOCK — REGISTERED PROFESSIONAL ENGINEER — PENNSYLVANIA

CLIFFORD E. GARNER — REGISTERED ARCHITECT — PENNSYLVANIA

THE GARNER & WHITE ASSOCIATES
CLIFFORD E. GARNER A.I.A. ARTHUR B. WHITE, A.I.A.
ARCHITECTS AND PLANNERS
1737 CHESTNUT STREET PHILADELPHIA, PENNSYLVANIA LOCUST-7-5890
ROBERT D. LYNN, PROJECT ASSOCIATE
KEAST AND HOOD — STRUCTURAL ENGINEERS
ADCOCK AND MAITZ — MECHANICAL ENGINEERS
HARRY B. PRICE — ELECTRICAL ENGINEER

NEW ANDREW HAMILTON PUBLIC SCHOOL
57TH AND SPRUCE STREETS PHILADELPHIA, PENNSYLVANIA
THE SCHOOL DISTRICT OF PHILADELPHIA BOARD OF EDUCATION

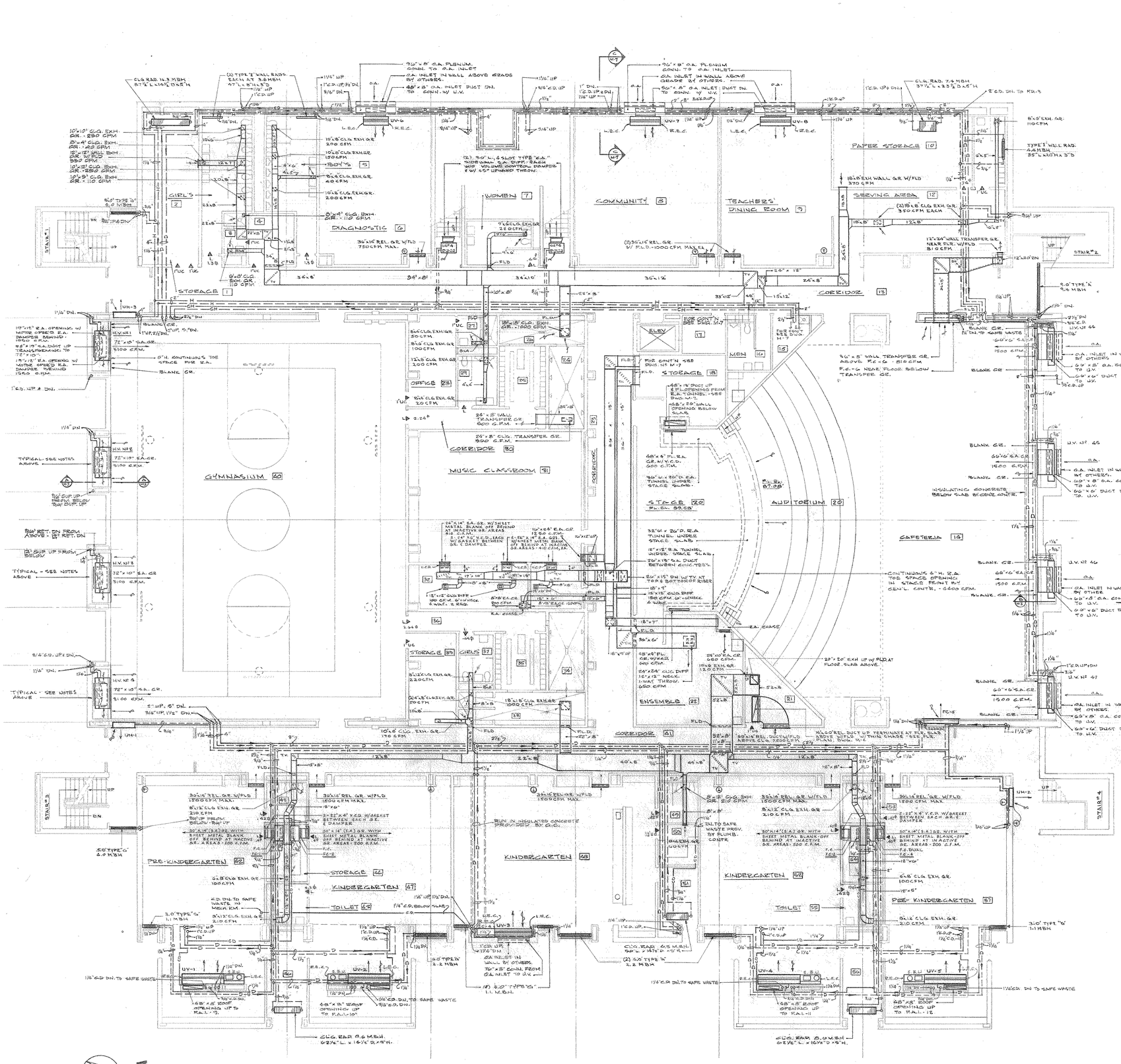
BASEMENT PLAN, SECTIONS AND DETAILS

COMM. NO.	PROJ. NO.
422	F-U
DATE	BLDG. NO.
21 MAY 68	60
SCALE	TYPE
	269

NO	REVISIONS DESCRIPTION	DATE

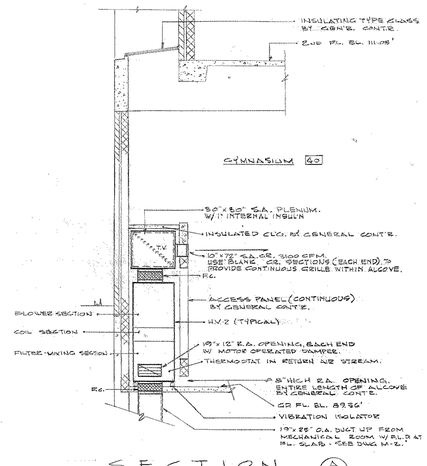
ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH WORK.

DRAWING NO.
M-2



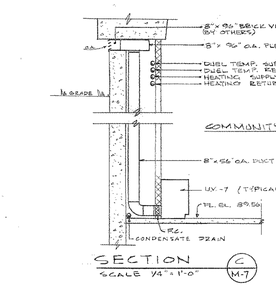
GROUND FLOOR PLAN

SCALE 1/8" = 1'-0"



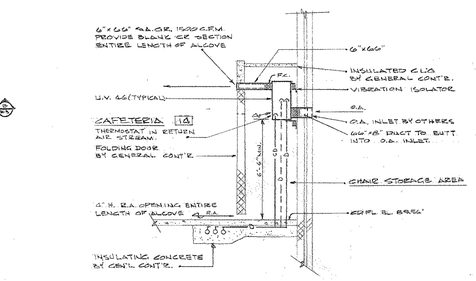
SECTION A M-3

SCALE: 1/4" = 1'-0"



SECTION C M-7

SCALE 1/4" = 1'-0"



SECTION B M-3

SCALE 1/4" = 1'-0"

SCHEDULE OF CLASSROOM STORAGE CABINETS, FILLER PANELS & END COVERS

Nº	NAME	DIMENSIONS WIDTH	HEIGHT	DEPTH TOP	DEPTH CABINET	REMARKS
S.B.U.	SINK-BUBBLER	48"	30"	22"	16"	FINIL. COUNTER PLBG. CONTR.
L.E.C.	LEFT END COVER	9⅛"			—	
R.E.C.	RIGHT END COVER	9⅛"			—	
F.P.-1	FILLER PANEL	20⅛			—	
F.P.-2		10⅛"			—	
F.P.-3		8¾"			—	
F.P.-4		13⅜"			—	
F.P.-5		24½"			—	
S.C.-3	STORAGE CABINET	36"			16"	W/ SLIDING DOORS
S.C.-4	STORAGE CABINET	36"			16"	W/ SLIDING DOORS

NOTE
ALL FILLER PANELS TO BE PROVIDED W/ WALL TRIM STRIPS.

SEALS

THE GARNER & WHITE ASSOCIATES
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1737 CHESTNUT STREET — PHILADELPHIA, PENNSYLVANIA — LOCUST-7-5890
KEAST AND HOOD, STRUCTURAL ENGINEERS — ROBERT D. LYNN, PROJECT ASSOCIATE — ADCOCK AND MATZ, MECHANICAL ENGINEERS — HARRY B. PRICE, ELECTRICAL ENGINEER

NEW ANDREW HAMILTON PUBLIC SCHOOL

57TH AND SPRUCE STREETS — PHILADELPHIA, PENNSYLVANIA
THE SCHOOL DISTRICT OF PHILADELPHIA — BOARD OF EDUCATION

GROUND FLOOR PLAN

COMM. NO.	PROJ. NO.	BLDG. NO.
422	F-U	60
DATE 21 MAY 68	SCALE	TYPE 269

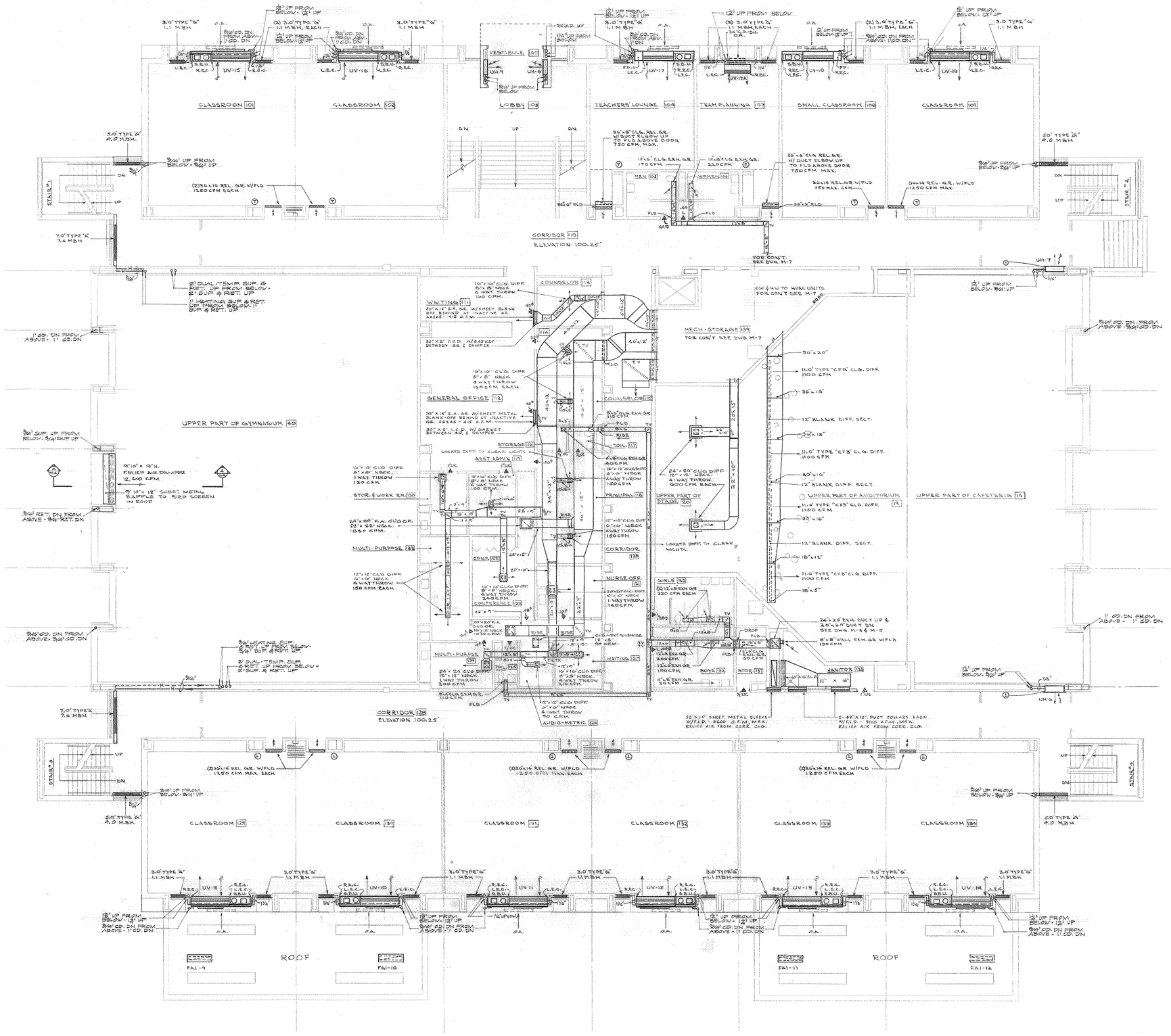
REVISIONS

NO.	DESCRIPTION	DATE

ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH WORK.

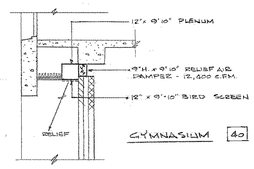
DRAWING NO.

M-3



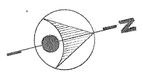
FIRST FLOOR PLAN

SCALE 1/8" = 1'-0"

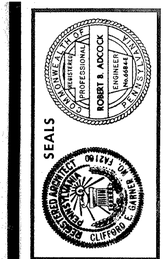


SECTION A/M-4

SCALE 1/4" = 1'-0"



SEALS



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57TH AND SPRUCE STREETS PHILADELPHIA, PENNSYLVANIA

THE SCHOOL DISTRICT OF PHILADELPHIA BOARD OF EDUCATION

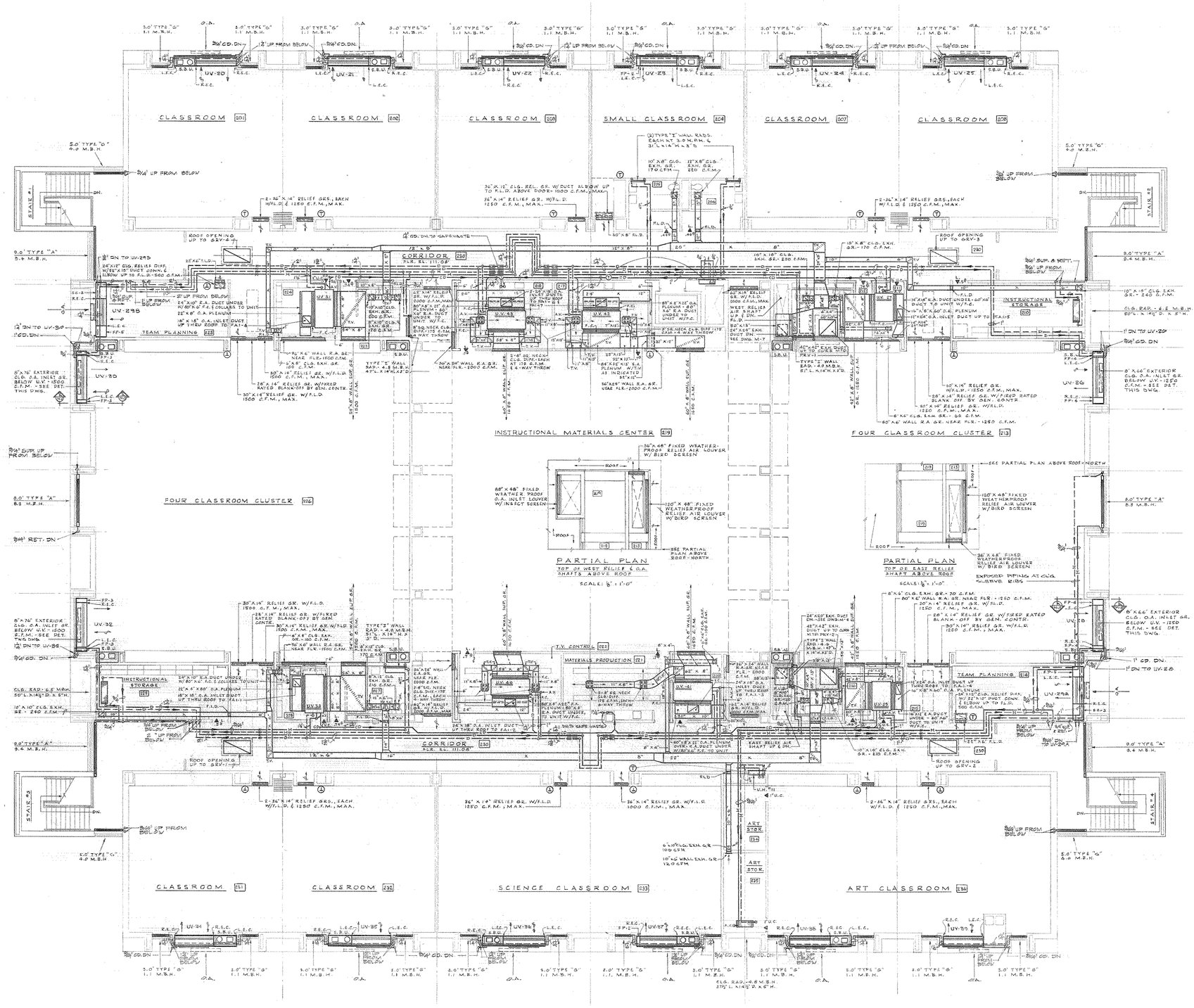
FIRST FLOOR PLAN

REVISIONS			
NO	DESCRIPTION	DATE	
	ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH WORK.		

COMM. NO. 422	PROJ. NO. F-U		
DATE 21 MAY 68	BLDG. NO. 60		
SCALE	TYPE 269		

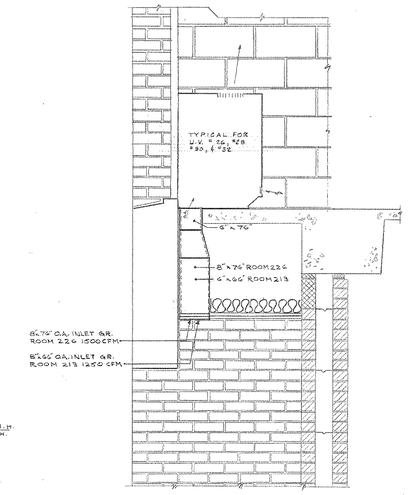
DRAWING NO.

M·4



SECOND FLOOR PLAN

SCALE 1/8" = 1'-0"



SECTION A M-5

SCALE 3/4" = 1'-0"

SEALS

ROBERT B. ADCOCK REGISTERED PROFESSIONAL ENGINEER No. 24844 COMMONWEALTH OF PENNSYLVANIA

CLIFFORD E. GARNER REGISTERED PROFESSIONAL ARCHITECT No. 12160 COMMONWEALTH OF PENNSYLVANIA

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1737 CHESTNUT STREET LOCUST-7-5890
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NEW ANDREW HAMILTON PUBLIC SCHOOL

PHILADELPHIA, PENNSYLVANIA

57TH AND SPRUCE STREETS

THE SCHOOL DISTRICT OF PHILADELPHIA

BOARD OF EDUCATION

SECOND FLOOR PLAN

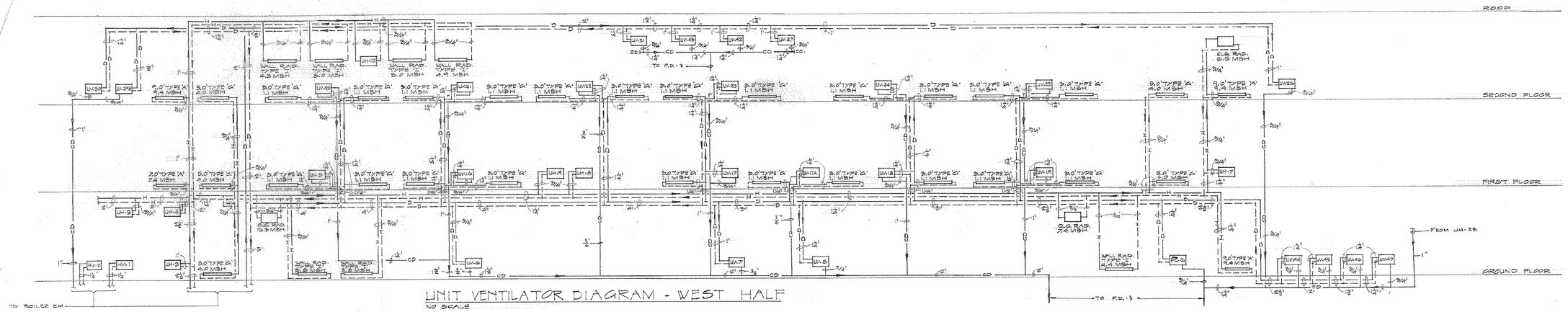
REVISIONS			
NO	DESCRIPTION	DATE	

COMM. NO. 422	PROJ. NO. F-U
DATE 21 MAY 68	BLDG. NO. 60
SCALE	TYPE 269

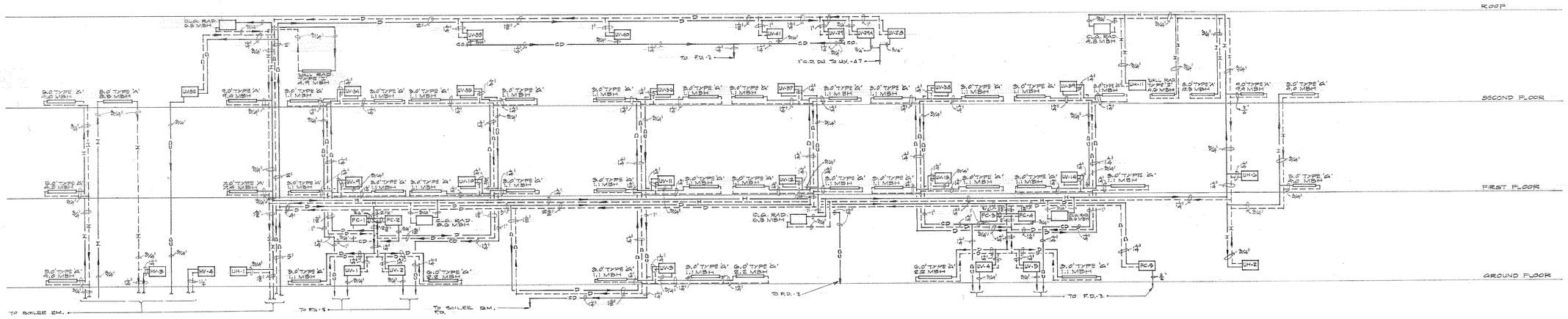
ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH WORK.

DRAWING NO.

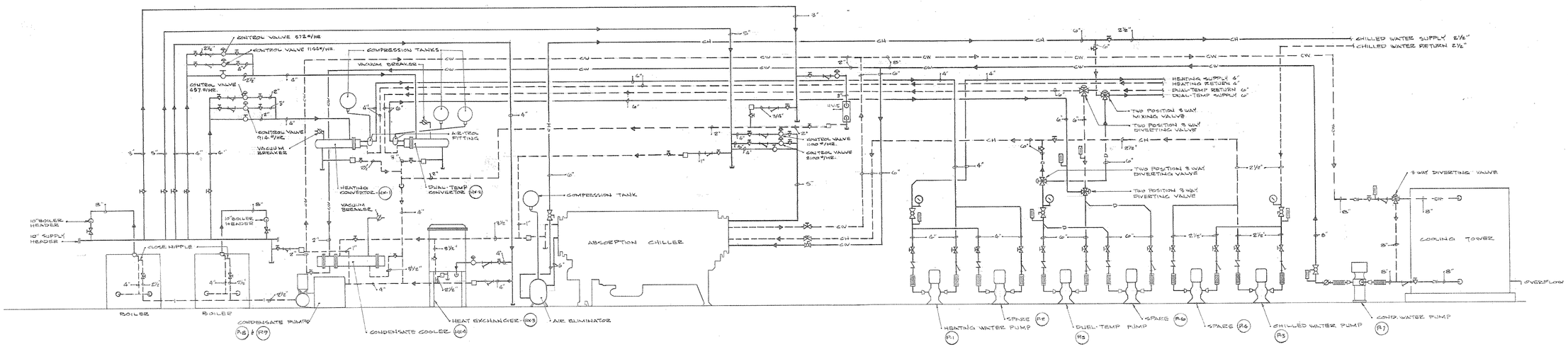
M-5



UNIT VENTILATOR DIAGRAM - WEST HALF
NO SCALE



UNIT VENTILATOR DIAGRAM - EAST HALF
NO SCALE



SCHEMATIC FLOW DIAGRAM
NO SCALE

SEALS

ROBERT B. ADCOCK
PROFESSIONAL ENGINEER
CLIFFORD E. GARNER
REGISTERED ARCHITECT

THE GARNER & WHITE ASSOCIATES
CLIFFORD E. GARNER, A.I.A. ARTHUR B. WHITE, A.I.A.
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SCHEMATIC DIAGRAMS

COMM. NO.	PROJ. NO.
422	F-U
DATE	BLDG. NO.
21 MAY 68	60
SCALE	TYPE
	269

REVISIONS

NO	DESCRIPTION	DATE

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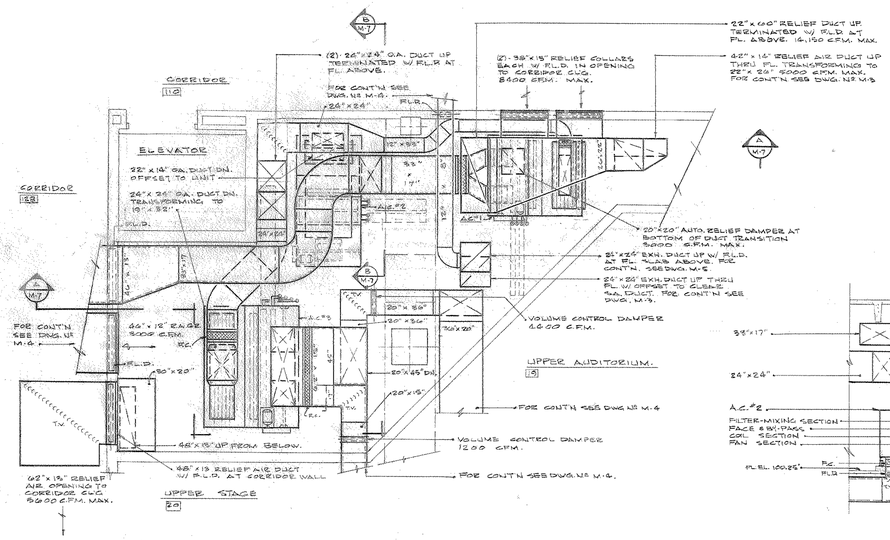
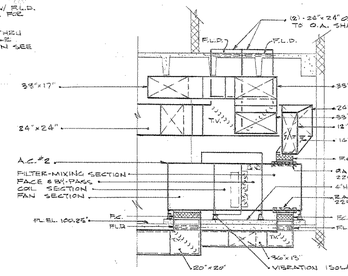
DRAWING NO.
M·6



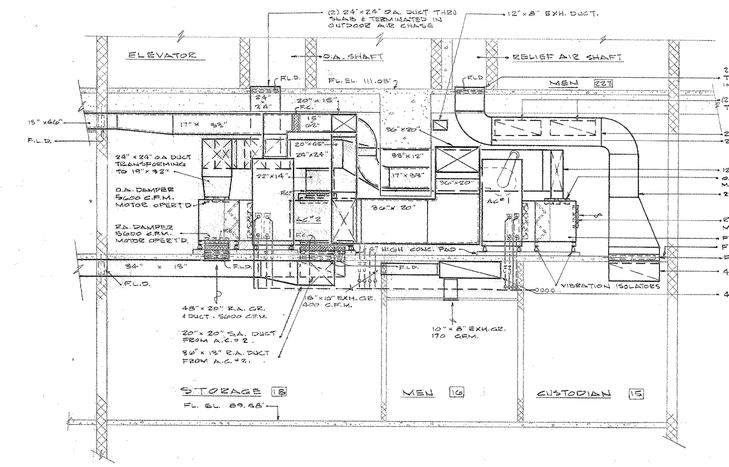
MECHANICAL ROOM PLAN

SCALE: 1/4" = 1'-0"



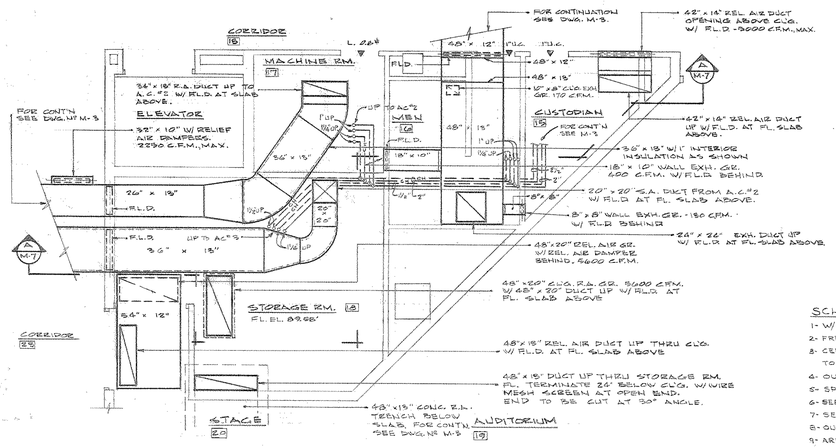
SECTION B M-7

SCALE 1/4" = 1'-0"



SECTION A M-7

SCALE: 1/4" = 1'-0"



PARTIAL GROUND FLOOR PLAN

SCALE: 1/4" = 1'-0"

HEATING VENTILATING & AIR CONDITIONING UNIT SCHEDULE

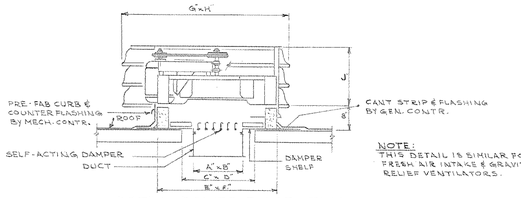
UNIT No	DUTY	FAN CAPACITY CFM	MAX. RPM	O.V.	S.P.	H.P.	COOLING MIN. O.A. CFM	COIL TYPE	SENSI. MBH	TOTAL MBH	ENT. AIR DB	ENT. AIR WB	LVG. AIR DB	LVG. AIR WB	WATER TEMP. ENT.	WATER TEMP. LVG.	RISE	GPM	P.D.	HEATING MIN. O.A. CFM	TOTAL MBH	AIR TEMP. ENT.	AIR TEMP. LVG.	WATER TEMP. ENT.	WATER TEMP. LVG.	DROP	GPM	P.D.	REMARKS
UV-1	CLASSROOM-42	1500	760	—	—	¼	150	CHILLED WATER	30.6	37.2	76°	65°	—	—	42°	—	13.4	5.5	3.7'	300	61.4	57°	—	150°	—	—	—	—	NOTES - 2, 4, 6
UV-2	-47	1,500	760	—	—	¼	150		32.4	39.0	76°	65°	—	—	42°	—	12.0	4.5	5.0'	300	55.8	57°	—	150°	—	—	—	—	2, 4, 6
UV-3	-48	1,500	760	—	—	¼	150		31.7	40.7	76°	65°	—	—	42°	—	11.8°	4.4	5.5	300	51.4	57°	—	150°	—	—	—	—	2, 4, 5, 6
UV-4	-52	1,500	760	—	—	¼	150		33.3	39.4	76°	65°	—	—	42°	—	10.8	3.0	7.0'	300	55.8	57°	—	150°	—	—	—	—	2, 4, 6
UV-5	CLASSROOM -57	1,500	760	—	—	¼	150		29.7	36.3	76°	65°	—	—	42°	—	14.2°	5.1	3.8'	300	62.4	57°	—	150°	—	—	—	—	2, 4, 6
UV-6	ROOM - 6	750	670	—	—	½	75		14.3	20.1	76.5°	65.5°	—	—	42°	—	12.0°	3.4	1.0'	150	17.8	57.6°	—	150°	—	—	—	—	2, 5, 6
UV-7	ROOM - 8	1,000	700	—	—	⅛	150		21.0	30.0	77.5°	66.5°	—	—	42°	—	12.0°	4.8	2.2'	300	29.6	57.1°	—	150°	—	—	—	—	2, 5, 6
UV-8	ROOM - 9	1,000	700	—	—	⅛	450		28.8	48.2	81.8°	70.2°	—	—	42°	—	8.0°	11.5	9.6'	450	37.7	41.7°	—	150°	—	—	—	—	2, 5, 6
UV-9	CLASSROOM-129	1,250	730	—	—	¼	150		26.2	35.2	77°	66°	—	—	42°	—	13.4°	5.3	3.0'	300	41.7	55°	—	150°	—	—	—	—	2, 4, 5, 6
UV-10	130	1,250	730	—	—	¼	150		25.0	34.0	77°	66°	—	—	42°	—	15.2°	4.5	2.3'	300	38.4	55°	—	150°	—	—	—	—	2, 4, 5, 6
UV-11	131	1,250	730	—	—	¼	150		25.0	34.0	77°	66°	—	—	42°	—	15.2°	4.5	2.3'	300	38.4	55°	—	150°	—	—	—	—	2, 4, 5, 6
UV-12	132	1,250	730	—	—	¼	150		25.0	34.0	77°	66°	—	—	42°	—	15.2°	4.5	2.3'	300	38.4	55°	—	150°	—	—	—	—	2, 4, 5, 6
UV-13	133	1,250	730	—	—	¼	150		25.0	34.0	77°	66°	—	—	42°	—	15.2°	4.5	2.3'	300	38.4	55°	—	150°	—	—	—	—	2, 4, 5, 6
UV-14	134	1,250	730	—	—	½	150		26.2	35.2	77°	66°	—	—	42°	—	13.2°	5.4	3.0'	300	42.1	55°	—	150°	—	—	—	—	2, 4, 5, 6
UV-15	101	1,250	730	—	—	½	150		28.8	37.8	77°	66°	—	—	42°	—	10.0°	7.4	5.5'	300	42.1	55°	—	150°	—	—	—	—	2, 4, 5, 6
UV-16	CLASSROOM 102	1,250	730	—	—	¼	150		27.9	36.9	77°	66°	—	—	42°	—	10.8°	6.8	4.6'	300	38.3	55°	—	150°	—	—	—	—	2, 4, 5, 6
UV-17	ROOM - 104	750	670	—	—	½	225		17.0	26.9	74.5°	68.2°	—	—	42°	—	11.0°	4.9	1.7'	225	26.4	51°	—	150°	—	—	—	—	2, 4, 5, 6
UV-17A	ROOM - 107	500	640	—	—	½	75		11.5	15.5	78°	67°	—	—	42°	—	5.5°	5.7	2.0'	75	16.0	60.5°	—	150°	—	—	—	—	2, 4, 5, 6
UV-18	CLASSROOM-108	750	670	—	—	½	75		15.0	19.5	76.5°	65.5°	—	—	42°	—	11.4°	3.4	1.0'	150	22.9	57.5°	—	150°	—	—	—	—	2, 4, 5, 6
UV-19	109	1,250	730	—	—	¼	150		28.7	37.7	77°	66°	—	—	42°	—	10.4°	7.1	5.0'	300	42.9	55°	—	150°	—	—	—	—	2, 4, 5, 6
UV-20	201	1,250	730	—	—	¼	150		30.5	39.5	77°	66°	—	—	42°	—	6.8	11.6	11.5'	300	51.0	55°	—	150°	—	—	—	—	2, 4, 5, 6
UV-21	202	1,250	730	—	—	½	150		29.3	38.3	77°	66°	—	—	42°	—	9.0°	8.5	6.8'	300	47.9	55°	—	150°	—	—	—	—	2, 4, 5, 6
UV-22	203	1,250	730	—	—	¼	150		30.0	39.0	77°	66°	—	—	42°	—	7.8°	10.0	9.0'	300	47.9	55°	—	150°	—	—	—	—	2, 4, 5, 6
UV-23	204	1,000	700	—	—	⅛	75		22.7	27.2	76.5°	65.5°	—	—	42°	—	9.6°	5.7	2.8'	150	32.4	60.5°	—	150°	—	—	—	—	2, 4, 5, 6
UV-24	207	1,250	730	—	—	¼	150		29.3	38.3	77°	66°	—	—	42°	—	9.0°	8.3	6.8'	300	47.9	55°	—	150°	—	—	—	—	2, 4, 5, 6
UV-25	208	1,250	730	—	—	½	150		30.5	39.5	77°	66°	—	—	42°	—	6.8	11.6	11.5'	300	51.5	55°	—	150°	—	—	—	—	2, 4, 5, 6
UV-26	213	1,250	730	—	—	¼	150		26.1	35.1	77°	66°	—	—	42°	—	13.4°	5.3	3.0'	300	52.6	55°	—	150°	—	—	—	—	2, 6, 7
UV-27	213	1,250	730	—	—	¼	150		24.9	33.9	77°	66°	—	—	42°	—	15.0°	4.5	2.2'	300	43.3	55°	—	150°	—	—	—	—	3, 8
UV-28	213	1,250	730	—	—	¼	150		26.1	35.1	77°	66°	—	—	42°	—	13.4°	5.3	3.0'	300	52.6	55°	—	150°	—	—	—	—	2, 6, 7
UV-29	CLASSROOM - 213	1,250	730	—	—	¼	150		24.9	33.9	77°	66°	—	—	42°	—	15.0°	4.6	2.2'	300	43.3	55°	—	150°	—	—	—	—	3, 8
UV-29A	ROOM - 214	500	640	—	—	1/12	75		7.9	11.4	78°	67°	—	—	42°	—	17.5°	1.3	0.0'	75	6.3	60.5°	—	150°	—	—	—	—	2, 4, 5, 6
UV-29B	ROOM-225	500	640	—	—	1/12	75		8.6	12.3	78°	67°	—	—	42°	—	16.0°	1.6	0.0'	75	6.3	60.5°	—	150°	—	—	—	—	2, 4, 5, 6
UV-30	CLASSROOM - 220	1,500	760	—	—	¼	150		33.2	42.2	76°	65°	—	—	42°	—	10.8°	7.8	6.5'	300	52.2	57°	—	150°	—	—	—	—	2, 4, 7
UV-31	220	1,500	760	—	—	¼	150		32.4	41.4	76°	65°	—	—	42°	—	10.8°	7.8	6.5'	300	42.6	57°	—	150°	—	—	—	—	3, 8
UV-32	220	1,500	760	—	—	¼	150		33.2	42.2	76°	65°	—	—	42°	—	10.8°	7.8	6.5'	300	52.2	57°	—	150°	—	—	—	—	2, 4, 7
UV-33	220	1,500	760	—	—	¼	150		32.4	41.4	76°	65°	—	—	42°	—	10.8°	7.8	6.5'	300	42.6	57°	—	150°	—	—	—	—	3, 8
UV-34	231	1,250	730	—	—	¼	150		30.5	40.1	77°	66°	—	—	42°	—	6.7°	12.0	12.0'	300	50.6	55°	—	150°	—	—	—	—	2, 4, 5, 6
UV-35	232	1,250	730	—	—	¼	150		30.6	39.6	77°	66°	—	—	42°	—	6.7°	12.0	12.0'	300	47.5	55°	—	150°	—	—	—	—	2, 4, 5, 6
UV-36	233	1,250	730	—	—	¼	150		30.0	39.0	77°	66°	—	—	42°	—	7.8°	10.0	9.0'	300	47.5	55°	—	150°	—	—	—	—	2, 4, 5, 6
UV-37	CLASSROOM-233	1000	700	—	—	⅛	150		25.2	31.2	76.5°	65.5°	—	—	42°	—	12.5°	5.2	2.5'	200	37.1	57.4°	—	150°	—	—	—	—	2, 4, 5, 6
UV-38	CLASSROOM-236	1,250	730	—	—	¼	150		29.7	38.7	77°	66°	—	—	42°	—	8.0°	9.6	8.5'	300	43.9	55°	—	150°	—	—	—	—	2, 4, 5, 6
UV-39	LMC. - 219	12,50	730	—	—	¼	150		29.7	38.7	77°	66°	—	—	42°	—	8.0°	9.6	8.5'	300	51.1	55°	—	150°	—	—	—	—	2, 4, 5, 6
UV-40		2000	1,100	—	—	⅓	110		34.0	40.0	76°	65°	—	—	42°	—	16.0°	5.0	3.5'	275	53.0	61.5°	—	150°	—	—	—	—	3, 8
UV-41		2000	1,100	—	—	⅓	110		34.0	40.0	76°	65°	—	—	42°	—	16.0°	5.0	3.5'	275	53.0	61.5°	—	150°	—	—	—	—	3, 8
UV-42		2000	1,100	—	—	⅓	110		34.0	40.0	76°	65°	—	—	42°	—	16.0°	5.0	3.5'	275	53.0	61.5°	—	150°	—	—	—	—	3, 8
UV-43	I.M.C.-219	2000	1,100	—	—	⅓	110		34.0	40.0	76°	65°	—	—	42°	—	16.0°	5.0	3.5'	275	53.0	61.5°	—	150°	—	—	—	—	3, 8
UV-44	CAFETERIA - 14	1500	1,100	—	—	⅓	440		43.0	65.0	78°	67°	—	—	42°	—	11.2°	11.5	14.5'	440	47.7	51.5°	—	150°	—	—	—	—	5, 7
UV-45		1500.	1,100	—	—	⅓	440		43.0	65.0	78°	67°	—	—	42°	—	11.2°	11.5	14.5'	440	47.7	51.5°	—	150°	—	—	—	—	5, 7
UV-46		1,500	1,100	—	—	⅓	440		43.0	65.0	78°	67°	—	—	42°	—	11.2°	11.5	14.5'	440	47.7	51.5°	—	150°	—	—	—	—	5, 7
UV-47	CAFETERIA - 14	1,500	1,100	—	—	⅓	440	CHILLED WATER	43.0	65.0	78°	67°	—	—	42°	—	11.2°	11.5	14.5'	440	47.7	51.5°	—	150°	—	—	—	—	NOTES - 5, 7
FC-1	CLASSROOM-42	215	980	—	—	1/50	—	CHILLED WATER	4.0	6.4	75°	64°	—	—	42°	—	7.0°	1.9	5.5'	—	—	—	—	—	—	—	—	—	NOTES - 9
FC-2	CLASSROOM 47	215	980	—	—	1/50	—		4.0	6.4	75°	64°	—	—	42°	—	7.0°	1.9	5.5'	—	—	—	—	—	—	—	—	—	9
FC-3	CLASSROOM 52	215	980	—	—	1/50	—		4.0	6.4	75°	64°	—	—	42°	—	7.0°	1.9	5.5'	—	—	—	—	—	—	—	—	—	9
FC-4	CLASSROOM 57	215	980	—	—	1/50	—		4.0	6.6	75°	64°	—	—	42°	—	7.0°	1.9	5.5'	—	—	—	—	—	—	—	—	—	9
FC-5	CAFETERIA -14	1015	1060	—	—	1/10	—	CHILLED WATER	23.2	36.0	75°	64°	—	—	42°	—	7.5°	9.5	10.0'	—	—	—	—	—	—	—	—	—	10
FC-6	CAFETERIA -14	1015	1060	—	—	1/10	—		23.2	36.0	75°	64°	—	—	42°	—	7.5°	5.5	10.0'	—	—	—	—	—	—	—	—	—	NOTES - 10
AC-1	ADMINISTN. AREA	3000	790	1180	1"	1	670	CHILLED WATER	56.2	69.1	78.4°	75°	67°	64°	42°	—	—	14.0	3.0'	670	47.0	57.6°	90.2	200°	—	—	4.7	2.10'	MIN. COIL FACE AREA: HTG. = 7.1#, CLG. = 7.1#
AC-2	MUSIC CR. AREA	2250	670	2700	1"	3/4	300		45.7	56.2	79°	75°	67.5°	64°	42°	—	—	11.2	2.8'	610	41.5	63.0	95.6	200°	—	—	4.2	2.19'	MIN. COIL FACE AREA: HTG. = 5.2#, CLG. = 5.2#
AC-3	AUDITORIUM	5600	670	1040	1"	1 1/2	850	CHILLED WATER	80.1	105.2	83°	75°	68.4°	64°	42°	—	—	21.0	7.2'	1900	129.3	63.8	98.3	200	—	—	12.9	2.38'	MIN. COIL FACE AREA: HTG. = 12.6#, CLG. = 12.6#
HV-1	GYMNASIUM - 40	3100	1000	1140	5/8"	1/2	—	—	—	—	—	—	—	—	—	—	—	—	—	1025	95.1	60°	125°	200°	—	—	10.5	0.18'	MIN. COIL FACE AREA: 6.1#
HV-2		3100	1000	1140	5/8"	1/2	—	—	—	—	—	—	—	—	—	—	—	—	—	1025	95.1	60°	125°	200°	—	—	10.5	0.18'	
HV-3		3100	1000	1140	5/8"	1/2	—	—	—	—	—	—	—	—	—	—	—	—	—	1025	95.1	60°	125°	200°	—	—	10.5	0.18'	
HV-4	GYMNASIUM - 40	3100	1000	1140	5/8"	1/2	—	—	—	—	—	—	—	—	—	—	—	—	—	1025	95.1	60°	125°	200°	—	—	10.5	0.18'	
HV-5	BOILER RM.	10,600	682	1800	1/2"	3	—	—	—	—	—	—	—	—	—	—	—	—	—	10,600	664.0	7°	65°	—	—	—	—	—	MIN. STEAM COIL FACE AREA - 14.4# @ 5 PSI.
UH-1	STAIR #3 - GRD FLR	710	800	—	—	7/8	—	—	—	—	—	—	—	—	—	—	—	—	—	55.2	60°	141°	200°	—	28.6	4.0	0.73	ARRGT - W-6 - NOTE - 1
UH-2	STAIR #4	420	900	—	—	1/20	—	—	—	—	—	—	—	—	—	—	—	—	—	33.7	60°	134°	200°	—	33.7	2.0	0.72	W-6
UH-3	STAIR #1	710	800	—	—	7/8	—	—	—	—	—	—	—	—	—	—	—	—	—	55.2	60°	141°	200°	—	28.6	4.0	0.73	W-6 - NOTE - 1
UH-4	LOBBY 103	375	1050	—	—	1/20	—	—	—	—	—	—	—	—	—	—	—	—	—	31.4	60°	137°	200°	—	31.4°	2.0	0.60	C-5 - NOTE - 1
UH-5	LOBBY 108 - GRD FLR	375	1050	—	—	1/20	—	—	—	—	—	—	—	—	—	—	—	—	—	31.4	60°	137°	200°	—	31.4°	2.0	0.60	C-5 - NOTE - 1
UH-6	STAIR #4 FIRST FLR	575	750	—	—	1/8	—	—	—	—	—	—	—	—	—	—	—	—	—	43.2	60°	129°	200°	—	12.5	7.0	1.85	W-6
UH-7	STAIR #2 FIRST FLR	575	750	—	—	1/8	—	—	—	—	—	—	—	—	—	—	—	—	—	43.2	60°	129°	200°	—	12.5	7.0	1.85	W-6
UH-8	VEST - GRD FLR	280	750	—	—	1/20	—	—	—	—	—	—	—	—	—	—	—	—	—	15.8	60°	112°	200°	—	31.6°	1.0	0.28	W-6 NOTE - 1
UH-9	VEST - GRD FLR	280	750	—	—	1/20	—	—	—	—	—	—	—	—	—	—	—	—	—	15.8	60°	112°	200°	—	31.6°	1.0	0.28	W-6 NOTE - 1
UH-10	CORR. 209 - SEC. FLR	265	750	—	—	1/20	—	—	—	—	—	—	—	—	—	—	—	—	—	25.4	60°	142°	200°	—	28.4	2.0	0.60	W-6
UH-11	CORR. 230 - SEC. FLR	265	750	—	—	1/20	—	—	—	—	—	—	—	—	—	—	—	—	—	25.4	60°	142°	200°	—	28.4	2.0	0.60	ARRGT W-6

POWER ROOF VENTILATOR SCHEDULE

NO	CFM	RPM	SP	HP	FAN TIP SPEED	DIMENSIONS A" × B"	C" × D"	E" × F"	G" × H"	J	DAMPER	REMARKS
PRV-1	7250	394	7/8"	3	4330	42" × 42"	42½" × 42½"	65" × 65"	88½" × 7½"	33½"	SELF-ACTING	
PRV-2	5650	358	5/8"	2	3938	42" × 42"	42½" × 42½"	65" × 65"	88½" × 7½"	33½"	SELF-ACTING	

SCHEDULE NOTES:

1- W/ INTEGRAL R.A. THERMOSTAT
2- FREE STANDING UNIT.
3- CEILING MOUNTED UNIT W/O END COVERS. UNIT TO BE SUPPORTED W/ VIBRATION ISOLATORS.
4- OUTSIDE AIR INTAKE COLLAR ONLY.
5- SPECIAL OUTSIDE AIR INTAKE LOUVER BY GEN. CONTR.
6- SEE SCHEDULE OF U.V. STORAGE CABINETS.
7- SEE DETAIL DWG. M-7
8- OUTSIDE AIR INTAKE FROM ROOF.
9- ARRG'T 650 - FULLY RECESSED W/ DISCHARGE COLLAR - 3 ROW COIL
10- ARRG'T 650 - FULLY RECESSED - 4 ROW COIL.



DETAIL - POWER ROOF VENTILATOR

NO SCALE

NOTE: THIS DETAIL IS SIMILAR FOR FRESH AIR INTAKE & GRAVITY RELIEF VENTILATORS.

FRESH AIR INLET & RELIEF ROOF VENTILATOR SCHEDULE

NO	CFM	DIMENSIONS A" × B"	C" × D"	E" × F"	G" × H"	J	DAMPER	REMARKS
GRV-1	8625	30×60	30¼×60¼	42¼×72¼	38×68	20	SELF-ACTING	
GRV-2	8625	30×60	30¼×60¼	42¼×72¼	38×68	20		
GRV-3	8625	30×60	30¼×60¼	42¼×72¼	38×68	20		
GRV-4	8625	30×60	30¼×60¼	42¼×72¼	38×68	20		
FAI-1	1500	18×18	18¼×18¼	29¼×29¼	26×26	15¾	—	
FAI-2	2000	24×18	24¼×18¼	35¼×29¼	32×26	15¾	—	
FAI-3	2000	24×18	24¼×18¼	35¼×29¼	32×26	15¾	—	
FAI-4	1250	24×12	24¼×12¼	35¼×23¼	32×20	11	—	
FAI-5	1250	24×12	24¼×12¼	35¼×23¼	32×20	11	—	
FAI-6	2000	24×18	24¼×18¼	35¼×29¼	32×26	15¾	—	
FAI-7	2000	24×18	24¼×18¼	35¼×29¼	32×26	15¾	—	
FAI-8	1500	18×18	18¼×18¼	29¼×29¼	26×26	15¾	—	
FAI-9	1250	48×8	48¼×8¼	59¼×19¼	56×16	11	—	
FAI-10	1250	48×8	48¼×8¼	59¼×19¼	56×16	11	—	
FAI-11	1250	48×8	48¼×8¼	59¼×19¼	56×16	11	—	
FAI-12	1250	48×8	48¼×8¼	59¼×19¼	56×16	11	—	

SEALS

ROBERT & ADCOCK — ENGINEERS — PROFESSIONAL ENGINEER — PHILADELPHIA

CLIFFORD E. GARNER — REGISTERED ARCHITECT — PENNSYLVANIA

THE GARNER & WHITE ASSOCIATES
CLIFFORD E. GARNER, A.I.A. — ARTHUR B. WHITE, A.I.A.
ARCHITECTS AND PLANNERS
1737 CHESTNUT STREET — PHILADELPHIA, PENNSYLVANIA — LOCUST-7-5890
KEAST AND HOOD — STRUCTURAL ENGINEERS
ROBERT D. LYNN, PROJECT ASSOCIATE
ADCOCK AND MATZ — MECHANICAL ENGINEERS
HARRY B. PRICE — ELECTRICAL ENGINEER

NEW ANDREW HAMILTON PUBLIC SCHOOL

57TH AND SPRUCE STREETS — PHILADELPHIA, PENNSYLVANIA

THE SCHOOL DISTRICT OF PHILADELPHIA — BOARD OF EDUCATION

MECHANICAL POOM PLAN SCHEDULES AND DETAILS

REVISIONS NO	DESCRIPTION	DATE

ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH WORK.

COMM. NO.	PROJ. NO.	BLDG. NO.	TYPE
422	F-U	60	269

DATE: 21 MAY 68 — SCALE:

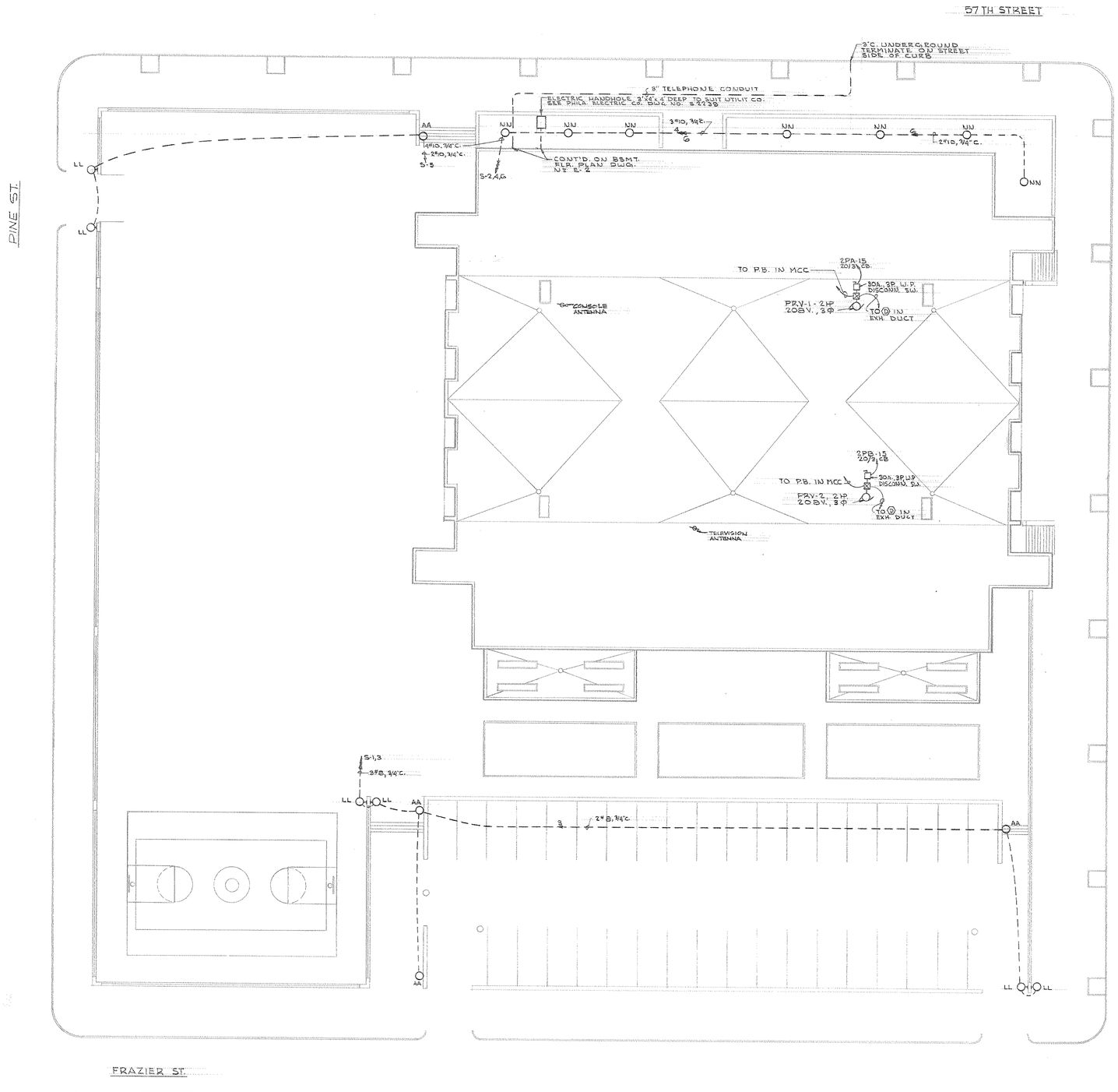
DRAWING NO.

M-7

LIGHTING FIXTURE SCHEDULE

TYPE	DESCRIPTION	CATALOG NO.
A	Fluorescent, surface mounted, 96" length with Plexiglas diffuser. HPF/CBM ballast, 2-40W lamps in tandem. Matte white finish.	SUNBEAM PA 2801-8R (2)
A1	Fluorescent, surface mounted, 48" length with Plexiglas diffuser. HPF/CBM ballast, 1-40W lamp. Matte white finish.	SUNBEAM PA 2801-4R
B	Fluorescent, semi-recessed, 2' x 2', trim extended below ceiling, flat acrylic lens. HPF ballasts, 4-20W lamps. Finish as directed by Architect.	Globe PD-224CF
C	Mercury Vapor, pendant, self-enclosed ballast, prismatic reflector, spun aluminum cover, 1-400, H33 M. V. lamp. Matte white finish. Wire guard.	Holophane 575-120
D	Incandescent, pendant, similar to type D, prismatic reflector, spun aluminum cover, 1-500 W lamp. Matte white finish, Wire guard.	Holophane
E	Incandescent, recessed, low brightness down lite, 5" diameter aperture, cast aluminum frame, 1-250W quartz-iodide single end lamp.	Gotham 8820
F	Incandescent, surface cylinder, bronzotic finish, 8" diameter, 16" long, 1-250 W Quartz-iodide lamp.	1112-930 QI-B Prescolite
G	Incandescent, recessed, 3 3/8" diameter aperture, 1-30W R20 flood lamp.	Gotham 955
H	Incandescent, recessed, spot with retractable lamp holder. Adjustable 358° horizontal and 180° vertical. 1-150W Par 38 lamp	Prescolite 1221-412
J	Incandescent, porcelain keyless lamp holder. 1-100W lamp.	Pass and Seymour 110
K	Fluorescent, 1' x 8' surface mounted, injection molded one piece, 4' long square sided acrylic lenses (two required). 4-40W RS lamps in tandem.	Wakefield PR-218-SS.
L	Mercury Vapor, pendant, 20" diameter, Lumacrylplastic Globe. Self-enclosed ballast. 1-175 W Delux White Mercury Vapor lamp.	Habitat 6118-P-Mod. H. P. F.
M	Fluorescent, regressed 2' x 4', flat 6250 pattern acrylic lens, 4-40WRS lamps.	Neo-Ray T24-440RS-1X
N	Fluorescent, surface mounted, 8" x 96", milk white acrylic diffuser. 2-40WRS lamps in tandem.	Tri-lux 7481/480
P	Fluorescent, regressed, 1' x 4', flat 6250 pattern acrylic lens, 2-40WRS lamps.	Neo-Ray T14-240RS-1X
Q	Incandescent, surface cylinder, bronzotic finish, 8" diameter 16" long, 1-300W Par 38 lamp	Prescolite 1112-930-B
R	Mercury Vapor, semi-recessed cast aluminum frame, molded opal diffuser, 1-175 W Mercury Vapor White lamp. Tamper proof screws. Ballast mounted to plaster frame.	Mold cast V30-MV-with F12 P. F.
S	Incandescent, recessed, square, regressed straight sided opal glass diffuser. 1-150W lamp.	Prescolite 1015RM-3
T	Incandescent, surface, ceiling mounted, white opal glass diffuser 1-100W lamp.	Prescolite CF-2
U	Incandescent, recessed, round, regressed, stepped trim, dropped dish opal diffuser, gasketed. 1-150W lamp and lamp extension.	Prescolite 90AM-3
V	Incandescent, surface cylinder, 5 11/16" diameter, Matte white finish with Matte black louver. 1-150W Par 38 lamp.	Lightolier 1803
W	Fluorescent, 4' long wall bracket, extruded one-piece acrylic diffuser with clear up and downward lenses. Levelier switch, 2-40W RS lamps.	Lightolier 10239
X	Exit marker, incandescent, single face, ceiling mounted, red letters on stencil face, arrows as indicated, 2-20W-T-6 1/2 lamps.	Moldcast 421R
X1	Exit marker, incandescent, recessed, red letters on stencil face, arrows as indicated, 2-20W-T- 6 1/2 lamps	Moldcast 443R
X2	Exit marker, incandescent, surface back mounted, red letters on stencil face, arrows as indicated, 2-20W -T-6 1/2 lamps.	Moldcast 401R
X3	Exit marker, incandescent, ceiling mounted double-faced, red letters on stencil face, arrows as indicated, 2-20W-T-6 1/2 lamps.	Moldcast 442R
Y	Fluorescent 8' long striplight-240WRS lamps in tandem.	Curtis-electro BT-140RSE
Z	Incandescent, wall bracket, die-cast aluminum, white opal glass diffuser, gasketed, 1-100W lamp.	Prescolite WB-24

FOR CONTINUATION OF SCHEDULE SEE DWG. NO. E-6



SITE PLAN & ROOF PLAN
SCALE 1/16"=1'-0"

SEALS

THE GARNER & WHITE ASSOCIATES
CLIFFORD E. GARNER, A.I.A. ARTHUR B. WHITE, A.I.A.
ARCHITECTS AND PLANNERS
PHILADELPHIA, PENNSYLVANIA
1737 CHESTNUT STREET LOCUST-7-5890
ROBERT D. LYNN, PROJECT ASSOCIATE
KEAST AND HOOD ADCOCK AND HARRY B. PRICE
STRUCTURAL ENGINEERS MECHANICAL ENGINEERS ELECTRICAL ENGINEER

NEW ANDREW HAMILTON PUBLIC SCHOOL

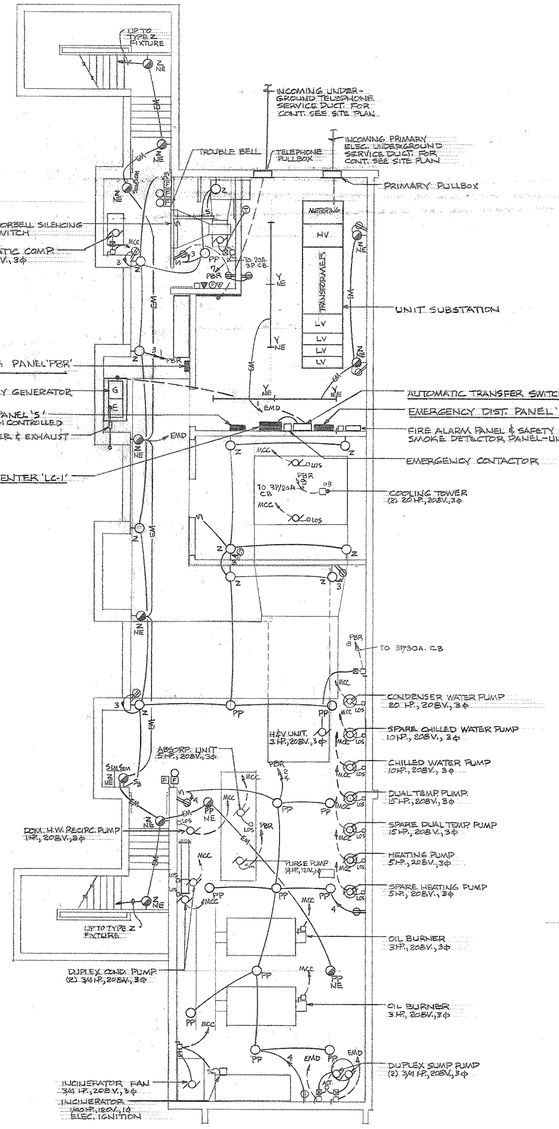
57TH AND SPRUCE STREETS PHILADELPHIA, PENNSYLVANIA
THE SCHOOL DISTRICT OF PHILADELPHIA BOARD OF EDUCATION

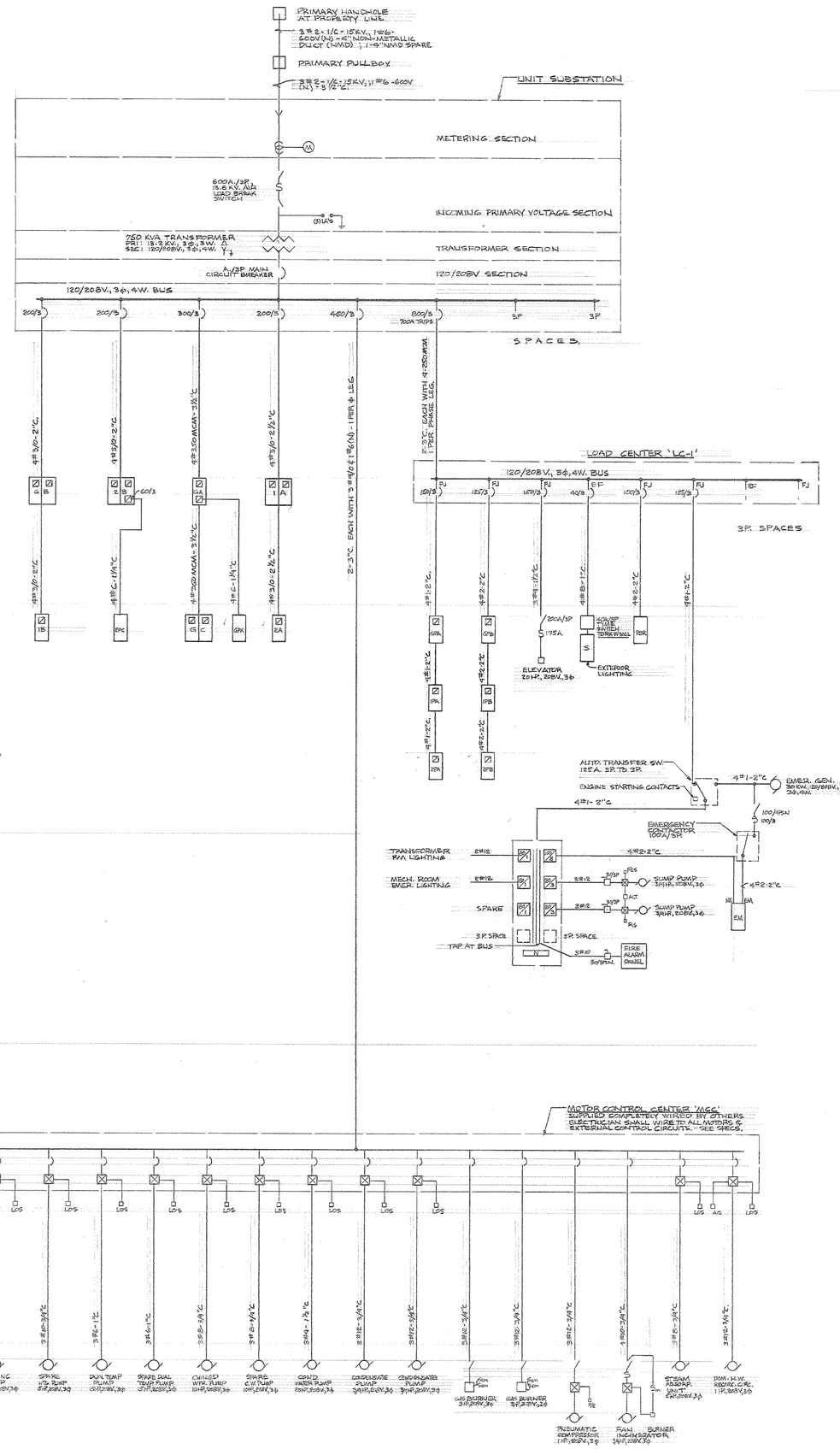
PLOT PLAN

REVISIONS			
NO	DESCRIPTION	DATE	
			ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE VERIFIED AND VERIFIED BY CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH WORK.

COMM. NO. 422	PROJ. NO. F-U		
DATE 21 MAY 68	BLDG. NO. 60		
SCALE	TYPE 269		

DRAWING NO. E-1



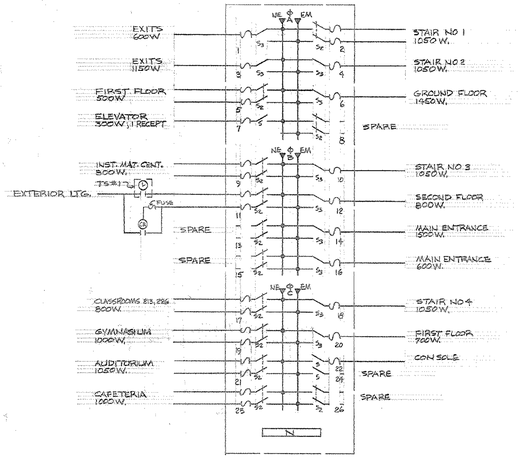


SYMBOL LIST

		MTG. HT. UNLESS NOTED
	FLUORESCENT FIXTURE OUTLET.	
	INCANDESCENT FIXTURE OUTLET.	
	EMERGENCY LIGHTING OUTLET.	
	EXIT MARKER	
S, S2, S3, S4, S5	FLUSH TOGGLE SWITCH. SPST, 2PST, 3-WAY, 4-WAY, KEY SWITCH.	4'6"
	DUPLEX CONVENIENCE OUTLET	18"
	SINGLE RECEPTACLE. 30A., 2P., 3W., GRD	18"
	FLUSH FLOOR RECEPTACLE	
	DUPLEX RECEPTACLE MTD. ON OUTLET BOX ABOVE FLOOR.	
	HEAVY DUTY RECEPTACLE. 50A., 3P., 4W., GRD	18"
	FIRE ALARM STATION	4'6"
	FIRE ALARM GONG	7'0"
	PROGRAM BELL	7'0"
	DOOR BELL	7'0"
	DOOR BELL PUSHBUTTON	4'6"
	MICROPHONE JACK ; PROJECTOR OUTLET (FLOOR OUTLET)	18"
	'INTERCOM' HANDSET	4'6"
	FLUSH CEILING SPEAKER	
	FLUSH WALL SPEAKER	7'4"
	COMBINATION FLUSH WALL SPEAKER & CLOCK.	7'4"
	CLOCK.	7'4"
	MASTER CLOCK	4'6"
	TELEVISION ANTENNA OUTLET	8'4"
	TELEVISION ANTENNA INPUT- OUTPUT JACK	18"
	TELEPHONE OUTLET W. WALL (M.H. 6'6") 1"C.O. TO TEL. BKBRD.	18"
	SMOKE DETECTOR.	
SBX	FURNACE 'EMERGENCY STOP' SWITCH	5'0"
Sm	MANUAL MOTOR PROTECTOR SWITCH	
SPL	SWITCH & PILOT LIGHT	4'6"
SPLR	SWITCH, PILOT LIGHT, RECEPTACLE. UNDER COMBINATION PLATE	42"
SR	SWITCH & RECEPTACLE UNDER COMBINATION PLATE	42"
T	TELEPHONE DUCT	UNDERFLOOR DUCT SYSTEM
E	ELECTRIC DUCT	UNDERFLOOR DUCT SYSTEM
S	SIGNAL DUCT	UNDERFLOOR DUCT SYSTEM
	TELEPHONE OUTLET	UNDERFLOOR DUCT SYSTEM FITTINGS
	RECEPTACLE OUTLET	UNDERFLOOR DUCT SYSTEM FITTINGS
S	SIGNAL OUTLET	UNDERFLOOR DUCT SYSTEM FITTINGS
	SAFETY SWITCH OR DISCONNECT	
	MAGNETIC MOTOR STARTER. (BY OTHERS)	
	MOTOR OUTLET	
FB	FLUSH FLOOR BOX	
JB	JUNCTION BOX	
OB	OUTLET BOX	
MO	OUTLET BOX WITH FINAL CONNECTION TO EQUIPMENT	
T	THERMOSTAT	PROVIDED BY OTHERS - WIRED BY ELEC. CONTR.
ALT	ALTENATOR	PROVIDED BY OTHERS - WIRED BY ELEC. CONTR.
AQ	AQUASTAT	PROVIDED BY OTHERS - WIRED BY ELEC. CONTR.
FS	FIRESTAT	PROVIDED BY OTHERS - WIRED BY ELEC. CONTR.
FR	FREEZESTAT	PROVIDED BY OTHERS - WIRED BY ELEC. CONTR.
FLS	FLOAT SWITCH	PROVIDED BY OTHERS - WIRED BY ELEC. CONTR.
P/E	PNEUMATIC- ELECTRIC SWITCH	PROVIDED BY OTHERS - WIRED BY ELEC. CONTR.
E/P	ELECTRIC- PNEUMATIC SWITCH	PROVIDED BY OTHERS - WIRED BY ELEC. CONTR.
PB	PUSHBUTTON	PROVIDED BY OTHERS - WIRED BY ELEC. CONTR.
SEL	SELECTOR SWITCH.	PROVIDED BY OTHERS - WIRED BY ELEC. CONTR.
C.O.	CONDUIT ONLY	
EM	EMERGENCY CIRCUIT	
NE	NORMAL- EMERGENCY OUTLET	
PL	PILOT LIGHT	
WP	WEATHER PROOF	
UE	UNDERGROUND ELECTRIC DUCT	
UT	UNDERGROUND TELEPHONE DUCT	
	RACEWAY CONCEALED IN OR UNDER FLOOR.	
	RACEWAY ABOVE HUNG CEILING OR IN SLAB ABOVE.	
LOS	LOCK- OUT STOP	
LS	LIMIT SWITCH.	

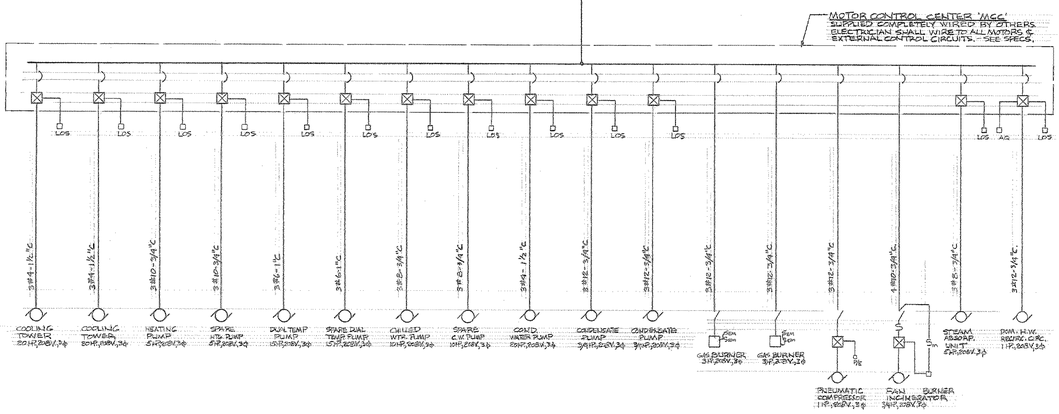
PANEL SCHEDULE

PANEL	BUS	MAIN CIRC. BRKR.	BRANCH CIRCUIT BREAKERS
LC-1	120/208V., 3φ, 4W.	———	SEE SINGLE LINE WIRING DIAGRAM.
GA	120/208V., 3φ, 4W.	100/3	35-20/1 ; 1-30/1 ; 1-60/3
GB	120/208V., 3φ, 4W. DOUBLE PANEL	70/3 EACH SECTION	51-20/1 ; 1-30/1.
GC	120/208V., 3φ, 4W. DOUBLE PANEL	125/3 EACH SECTION	62-20/1.
1A	120/208V., 3φ, 4W DOUBLE PANEL	70/3 EACH SECTION	45-20/1 ; 1-30/1.
1B	120/208V., 3φ, 4W.	125/3	41-20/1 ; 1-30/1.
2A	120/208V., 3φ, 4W.	100/3	41-20/1 ; 1-30/1.
2B	120/208V., 3φ, 4W. DOUBLE PANEL	125/3 EACH SECTION	65-20/1 ; 1-30/1 ; 1-50/2 ; 1-60/3.
GPA	120/208V., 3φ, 4W.	70/3	SEE DETAIL- DWG. E-3.
GPB	120/208V., 3φ, 4W.	70/3	SEE DETAIL - DWG. E-3.
GPK	120/208V., 3φ, 4W.	———	16-20/1 ; 1-50/2.
1PA	120/208V., 3φ, 4W.	50/3	SEE DETAIL- DWG. E-4
1PB	120/208V., 3φ, 4W.	50/3	10-20/1.
2PA	120/208V., 3φ, 4W.	70/3	17-20/1 ; 1-20/3.
2PB	120/208V., 3φ, 4W.	70/3	17-20/1 ; 1-20/3.
2PC	120/208V., 3φ, 4W.	———	18-20/1.
EMD	120/208V., 3φ, 4W.	———	SEE SINGLE LINE WIRING DIAGRAM.
EM	SPLIT BUS	———	SEE DETAIL THIS DWG.
S	120/208V., 3φ, 4W.	———	8-20/1.
PBR	120/208V., 3φ, 4W.	———	9-20/1 ; 1-20/3 ; 2-30/3.



NOTES
1. ALL FUSE GAPS 30A.
2. ALL FUSES 20A.
3. NEUTRALS NOT SHOWN.

PANEL 'EM' DETAIL
NO SCALE



SEALS

HARRY B. PRICE — PROFESSIONAL ENGINEER — No. 7153 — COMMONWEALTH OF PENNSYLVANIA

CLIFFORD E. GARNER, A.I.A. — REGISTERED ARCHITECT — COMMONWEALTH OF PENNSYLVANIA

THE GARNER & WHITE ASSOCIATES
CLIFFORD E. GARNER, A.I.A. — ARCHITECTS AND PLANNERS — ARTHUR B. WHITE, A.I.A.
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NEW ANDREW HAMILTON PUBLIC SCHOOL
57TH AND SPRUCE STREETS — PHILADELPHIA, PENNSYLVANIA
THE SCHOOL DISTRICT OF PHILADELPHIA — BOARD OF EDUCATION

BASEMENT FLOOR PLAN
SINGLE LINE RISER DIAGRAM

NO	DESCRIPTION	DATE

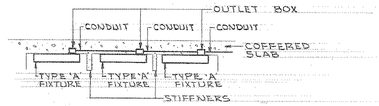
REVISIONS

ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE VERIFIED BY CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH WORK.

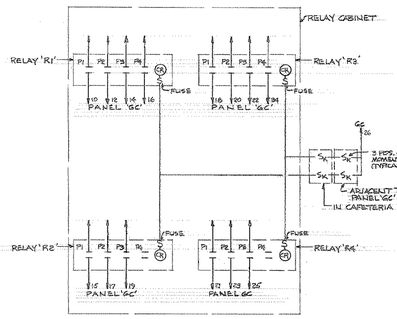
COMM. NO.	PROJ. NO.	BLDG. NO.	TYPE
422	F-U	60	269

DATE 21 MAY 68 — SCALE

DRAWING NO.
E·2

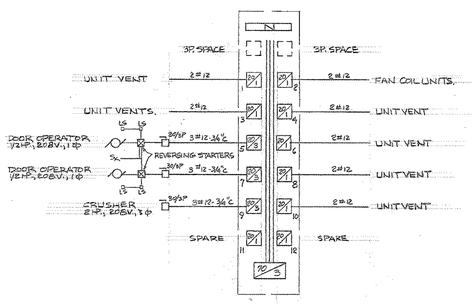


TYPICAL MOUNTING DETAIL FOR TYPE 'A' FIXTURE
NO SCALE

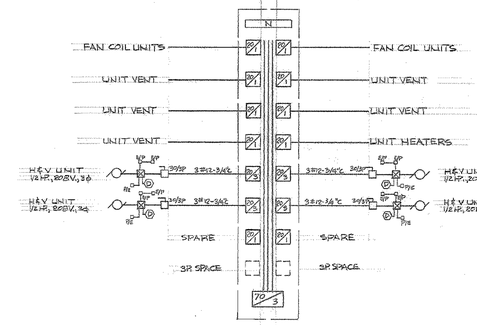


NOTE
ALL RELAYS 20AMP. ELEC. OPERATED, MECH. HELD, 120V. OPERATING COILS.

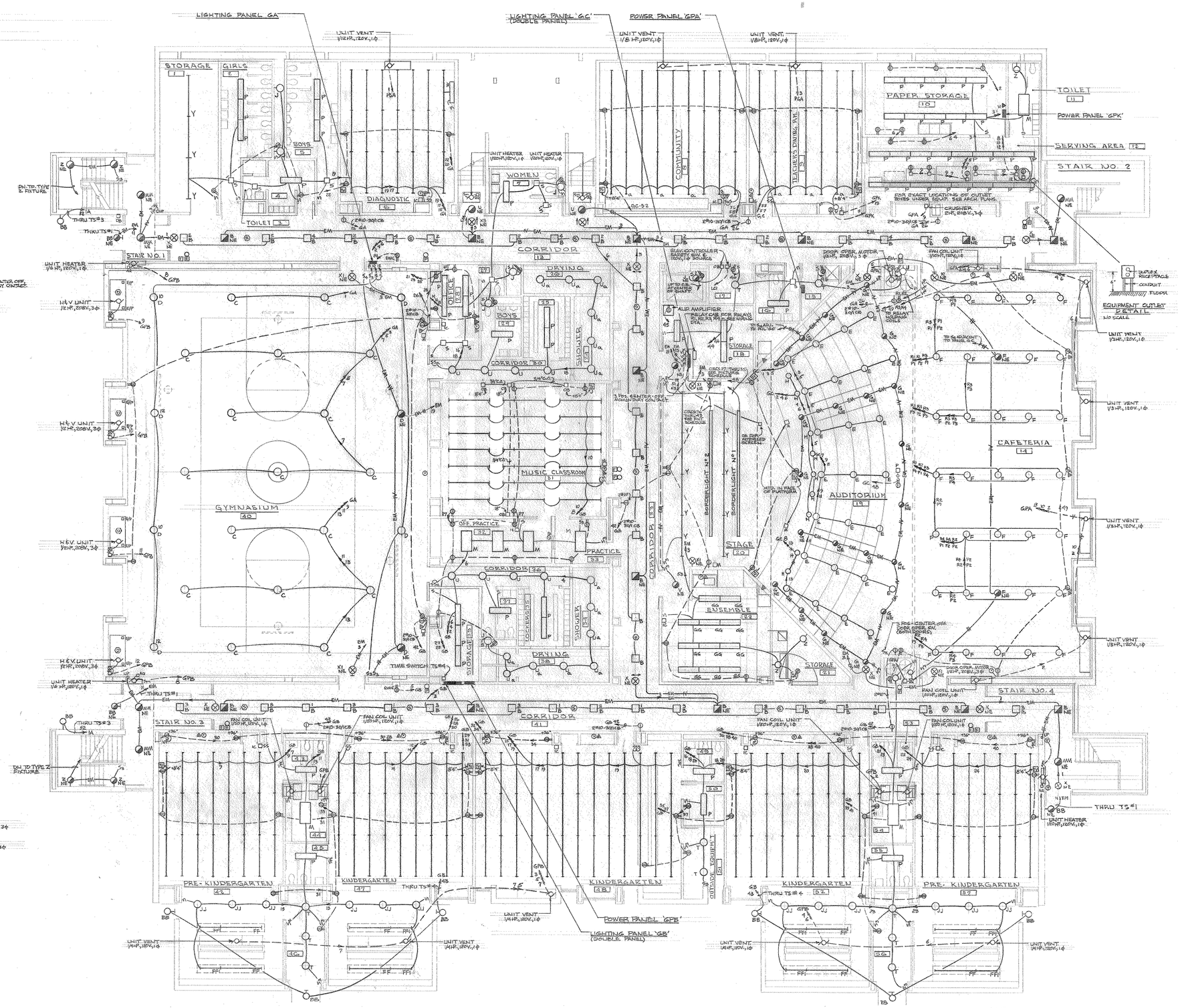
CAFETERIA LIGHTING RELAY WIRING DIAGRAM
NO SCALE



POWER PANEL 'GPA' - DETAIL
NO SCALE



POWER PANEL 'GPB' - DETAIL
NO SCALE



GROUND FLOOR PLAN
1/8" = 1'-0"

NOTE
1. NO 20 AMP. 120V. BRANCH CIRCUIT SHALL EXCEED 1600 W.
2. ALL FIXTURES TYPE 'A' UNLESS NOTED. ALL TYPE 'A' FIXTURES SHALL BE HUNG INDIVIDUALLY & NOT IN CONTINUOUS ROWS.

SEALS

THE GARNER & WHITE ASSOCIATES
CLIFFORD E. GARNER, A.I.A. ARCHITECTS AND PLANNERS ARTHUR B. WHITE, A.I.A.
1737 CHESTNUT STREET PHILADELPHIA, PENNSYLVANIA LOCUST-7-5890
KEAST AND HOOD ROBERT D. LYNN, PROJECT ASSOCIATE HARRY B. PRICE
STRUCTURAL ENGINEERS MECHANICAL ENGINEERS ELECTRICAL ENGINEER

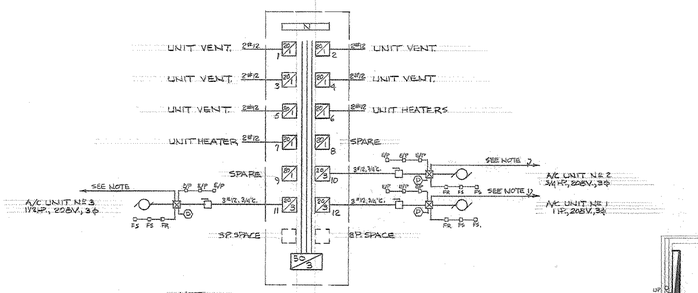
NEW ANDREW HAMILTON PUBLIC SCHOOL
57TH AND SPRUCE STREETS PHILADELPHIA, PENNSYLVANIA
THE SCHOOL DISTRICT OF PHILADELPHIA BOARD OF EDUCATION

GROUND FLOOR PLAN

REVISIONS					
NO	DESCRIPTION	DATE	COMM. NO. 422	PROJ. NO. F-U	
			DATE 21 MAY 68	BLDG. NO. 60	
			SCALE	TYPE 269	

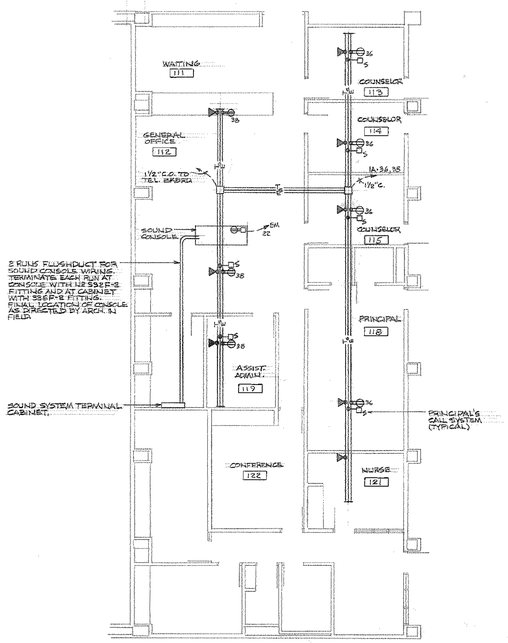
ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH WORK.

DRAWING NO.
E-3



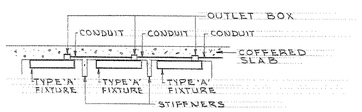
NOTE
CONTROL WIRING TO PUSHBUTTONS & PILOT LIGHT ON MOTOR CONTROL CENTER.

POWER PANEL 'IPA' DETAIL
NO SCALE

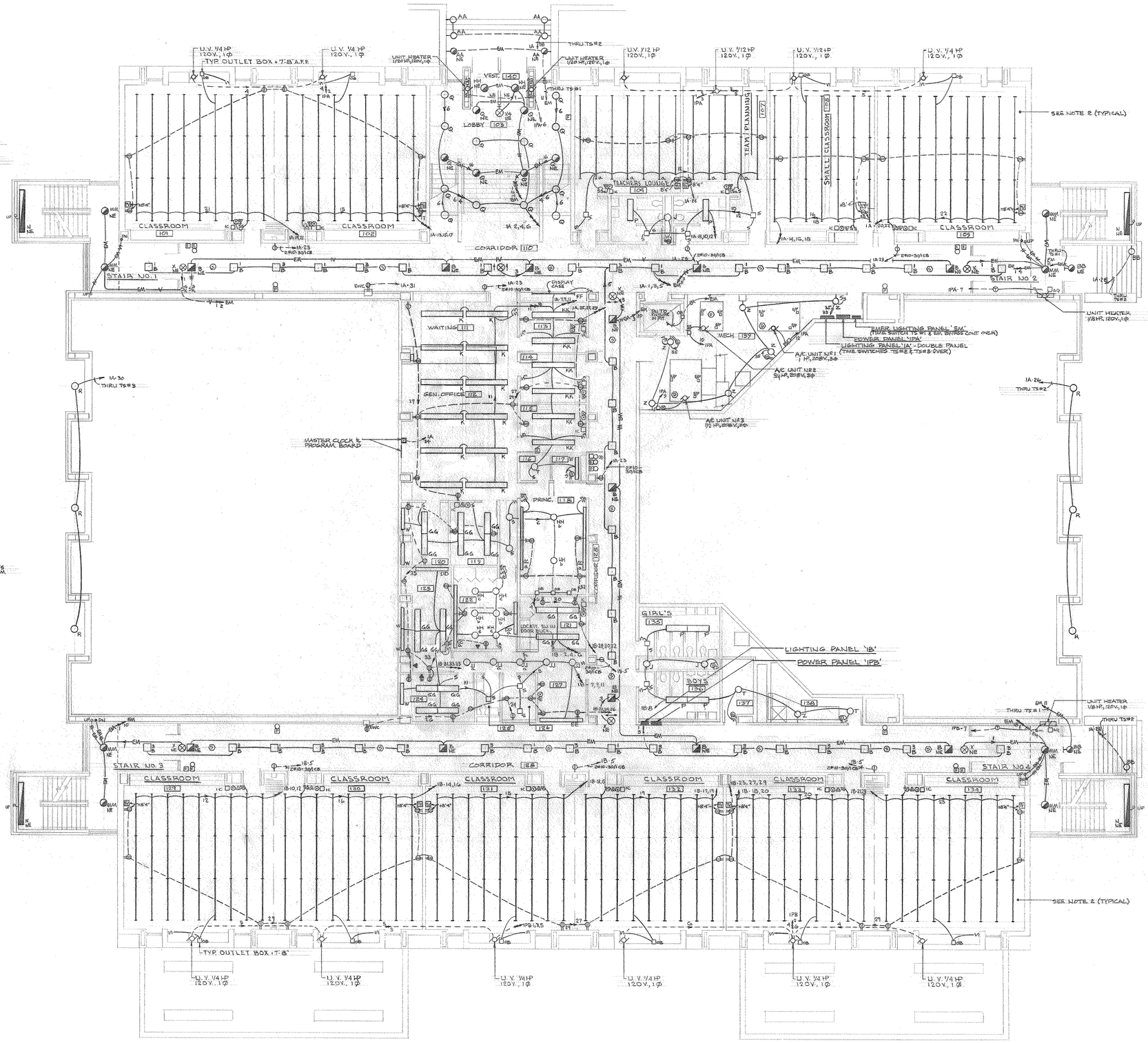


NOTE
ALL FITTINGS SHALL BE LOCATED AS DIRECTED IN FIELD.

FLUSHDUCT SYSTEM
PARTIAL FIRST FLOOR PLAN



TYPICAL MOUNTING DETAIL
FOR TYPE 'A' FIXTURE
NO SCALE



NOTE
1. NO 20AMP, 120V., BRANCH CIRCUIT SHALL EXCEED 1600 W.
2. ALL FIXTURES TYPE 'A' UNLESS NOTED. TYPE 'A' FIXTURES SHALL BE HUNG INDIVIDUALLY AND NOT IN CONTINUOUS ROWS.

FIRST FLOOR PLAN
1/8" = 1'-0"

SEALS

THE GARNER & WHITE ASSOCIATES
ARCHITECTS AND PLANNERS
CLIFFORD E. GARNER A.I.A. ARTHUR B. WHITE, A.I.A.
1737 CHESTNUT STREET PHILADELPHIA, PENNSYLVANIA LOCUST-7-5890
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FIRST FLOOR PLAN

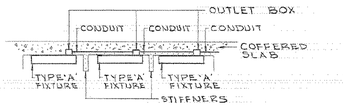
COMM. NO.	PROJ. NO.
422	F-U
DATE	BLDG NO.
21 MAY 68	60
SCALE	TYPE
	269

REVISIONS

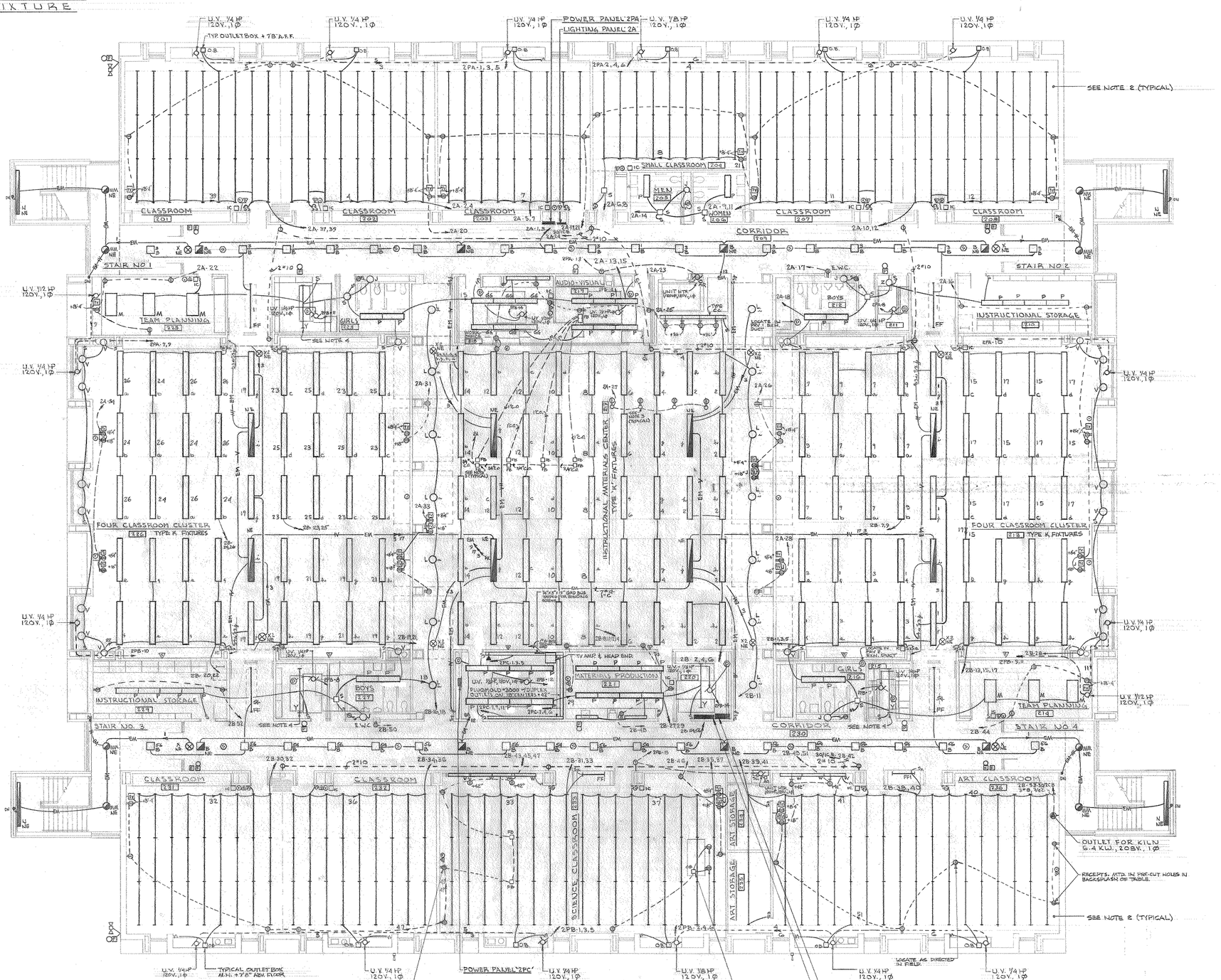
NO	DESCRIPTION	DATE

ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE CHECKED AND VERIFIED BY CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH WORK.

DRAWING NO.
E·4



TYPICAL MOUNTING DETAIL
FOR TYPE 'A' FIXTURE
NO SCALE



NOTES

1. NO 20AMP, 120V. BRANCH CIRCUIT SHALL EXCEED 1600W.
2. ALL FIXTURES TYPE 'A' UNLESS NOTED. TYPE 'A' FIXTURES SHALL BE HUNG INDIVIDUALLY AND NOT IN CONTINUOUS ROWS.
3. ALL FLOOR BOXES FOR FUTURE AUDIO DIAL TAPE RETRIEVAL SYSTEM SHALL BE LOCATED IN FIELD BY ARCH. AND/OR OWNER.
4. FIXTURE SHALL BE SUPPORTED FREE & CLEAR UNDER UNIT VENT. NO SUPPORTS SHALL BE ATTACHED TO UNIT VENT.

SECOND FLOOR PLAN
1/8" = 1'-0"

SEALS

THE GARNER & WHITE ASSOCIATES
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THE SCHOOL DISTRICT OF PHILADELPHIA BOARD OF EDUCATION

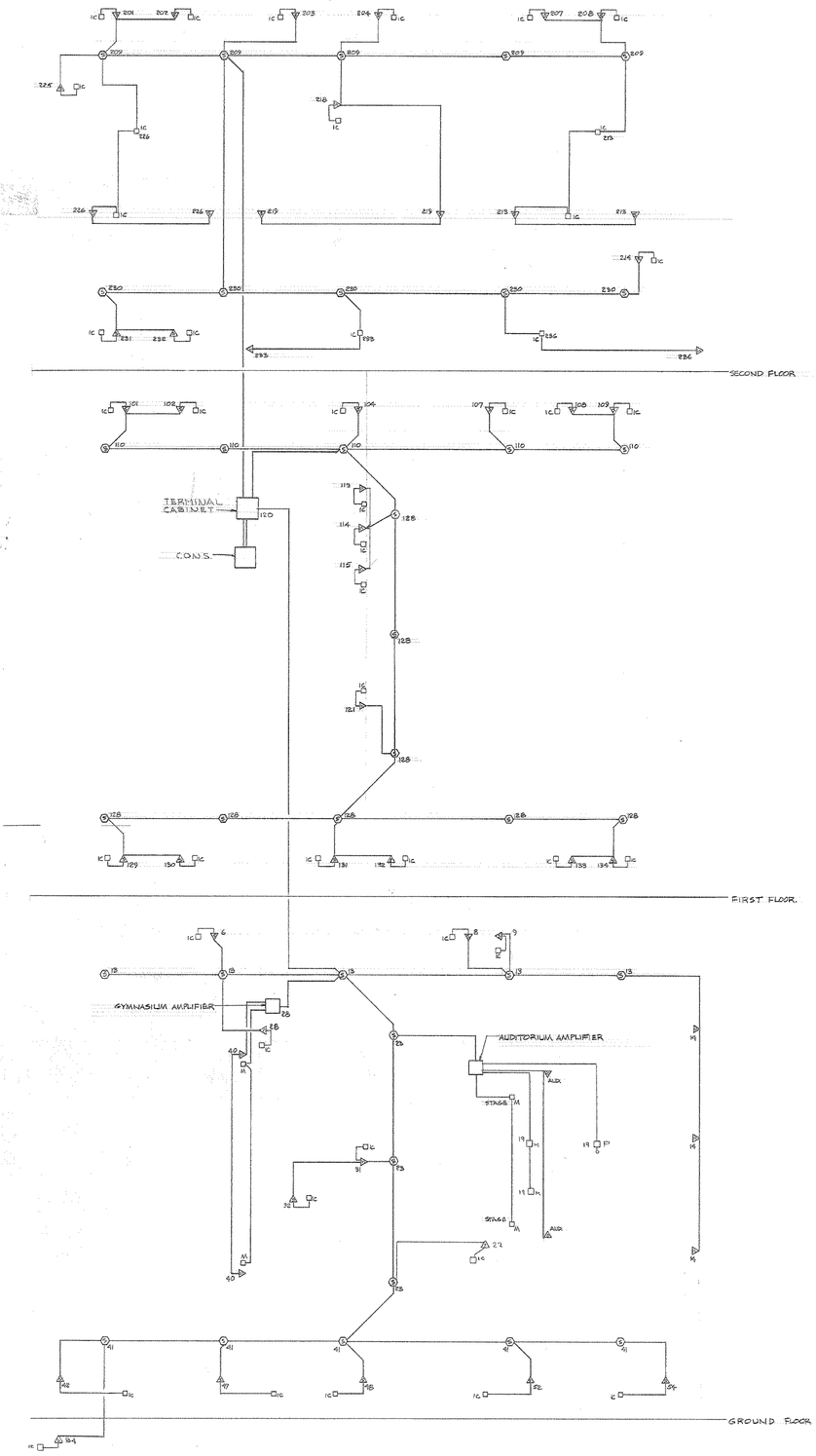
SECOND FLOOR PLAN

REVISIONS				
NO	DESCRIPTION	DATE		

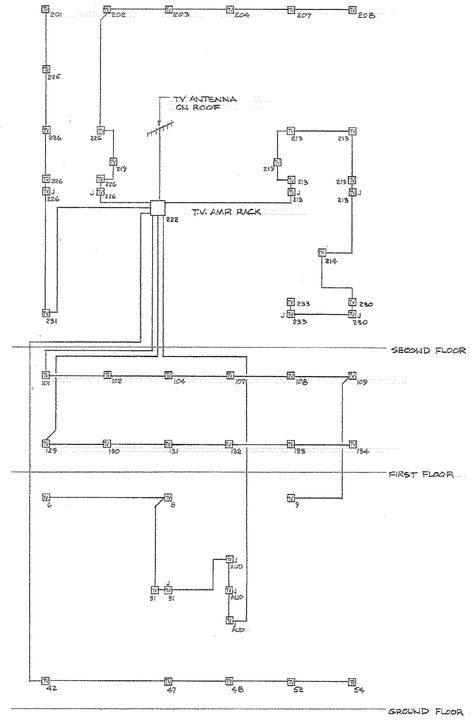
ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE PROVED BY CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH WORK

COMM. NO. 422	PROJ. NO. F-U		
DATE 21 MAY 68	BLDG. NO. 60		
SCALE	TYPE 269		

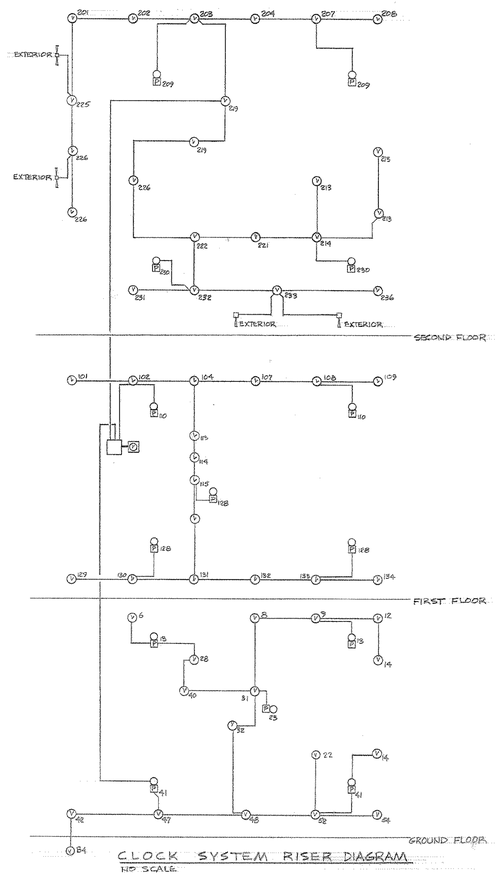
DRAWING NO.
E-5



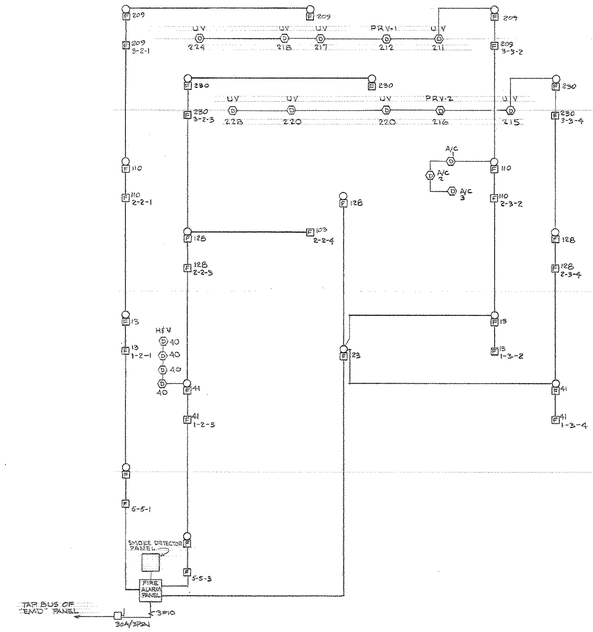
SOUND SYSTEM RISER DIAGRAM
NO SCALE



T.V. ANTENNA SYSTEMS RISER DIAGRAM
NO SCALE



CLOCK SYSTEM RISER DIAGRAM
NO SCALE



FIRE ALARM SYSTEM RISER DIAGRAM
NO SCALE

LIGHTING FIXTURE SCHEDULE

CONTINUED FROM DWG. NO. E-1

TYPE	DESCRIPTION	CATALOG NO.
AA	Incandescent, step light, recessed, die-cast aluminum tempered glass behind louvered guard, 2-60W lamps.	Moldcast V-372
BB	Incandescent, wall bracket, 6" diameter cylinder, 12" high, bronzotic finish, 1-150W lamp and miro-lux reflector.	Prescolite 1156-921
CC	Fluorescent, wall bracket, 12' long, matte white finish, 8-30W RS lamps	Lam FB-204 x 12/11 12/16
DD	Fluorescent, wall bracket, 6' long. Matte white finish, 4-30WRS lamps	Lam FB-204 x 6/8
EE	Fluorescent, wall bracket, 8' long. Matte white finish. 4-40WRS lamps.	Lam FB-204 x 8/12
FF	Fluorescent, 106" long, shallow fixture, one piece die formed steel housing, surface mounted. 2-40WRS lamps	Lightolier 10249
FF1	Similar to type FF except 55" long with 1-40WRS Lamp	Lightolier 10247
GG	Fluorescent, recessed, 1 x 4, regressed white acrylic flat diffuser. 2-40WRS lamps	Neo-Ray T14-240RS-V
HH	Incandescent, recessed, round, 5 1/4" diameter aperture, black milligrove baffle 1-150W lamp	Prescolite 1054-720
JJ	Incandescent, regressed colorlouvered fresnal lens with gray risers, shallow box construction. 1-150W lamp	Lightolier 7795
KK	Fluorescent, semi-recessed. 1' x 8' matte white finish, K-11 lens, 4-40WRS lamps in tandem.	Neo-Ray 2/1184-XVII-M2
LL	Mercury Vapor. Wall mounted 20" dismeter. Lumacryl plastic globe. Self-enclosed ballast 1-175 Delux white mercury vapor lamp. Tamperproof screws.	Habitat 6118WB Mod.-HPF
MM	Incandescent, pendant 14" diameter sphere, 9" long stem, acrylic globe 1-150W lamp.	Prescolite 544
NN	Incandescent, flush mounted ground light, weatherproof, heat and shock resistant convex lens. Recess fixture fully into clean earth free from stone and debris. 1-300W Par-56 lamp	Prescolite 5102
PP	Incandescent, pendant, standard dome RLM, stem length to clear ductwork. 1-150W lamp.	Steher RU-214-RV

PLATFORM BORDERLIGHTS: Shall be of the continuous type with diecast aluminum joining plates and end plates for additional rigidity. Units shall be equipped as 6' sections with each joiner section having chain mounting holes with 30" chains for mounting to pipe batten. Borders shall have barriered compartments 6" on centers and be designed for 150 watt PAR flood lamps. Each compartment shall have spring hinged doors and be equipped with heat resisting glass roundels alternating in red, clear, and blue. Each borderlight shall be alternately wired for 3 colors as outlined above with 2 circuits per color.
BORDER # 1: Shall be 30' long with 6 color circuits and 3 additional circuits feeding 6 pigtails for portable spotlights, etc. Total circuits shall be 9. Border shall be Century 440-30/6-3. HUB 21630
BORDER # 2: Shall be identical in all respects to Border # 1 except it shall have 4 pigtails on 2 additional circuits, total circuits shall be 8. Border shall be HUB 21630.
JUNCTION BOXES: Borders shall be connected in the proper manner with a 30 terminal junction box over each border HUB 10204. The contractor shall wire from the junction box to the borderlight in multi conductor extra flexible approved borderlight cable allowing 2 conductors per circuit plus 2 for spares and 2 for grounding. The rigging contractor shall provide for proper monkey lines, cable supports, etc., for the raising and lowering of the borders with no strain of any kind on conductors or connections. Pigtails mentioned in the borderlight specification shall all be 18" long terminating in a 20 ampere grounded twistlock female plug.

SEALS

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THE SCHOOL DISTRICT OF PHILADELPHIA BOARD OF EDUCATION

RISER DIAGRAMS

REVISIONS		
NO	DESCRIPTION	DATE
	ALL DIMENSIONS AND EXISTING CONDITIONS SHALL BE VERIFIED AND REPORTED TO CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH WORK.	

COMM. NO. 422	PROJ. NO. F-13
DATE 21 MAY 68	BLDG. NO. 60
SCALE	TYPE 269

DRAWING NO.
E·6