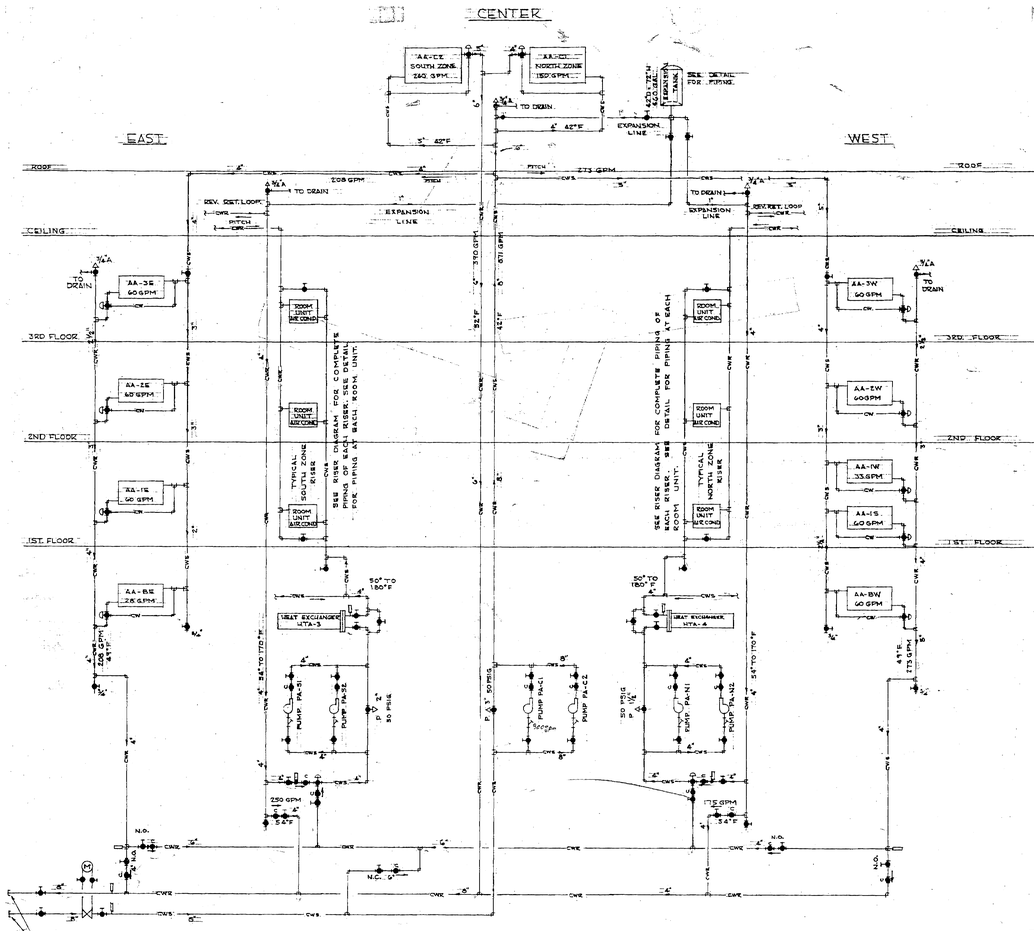
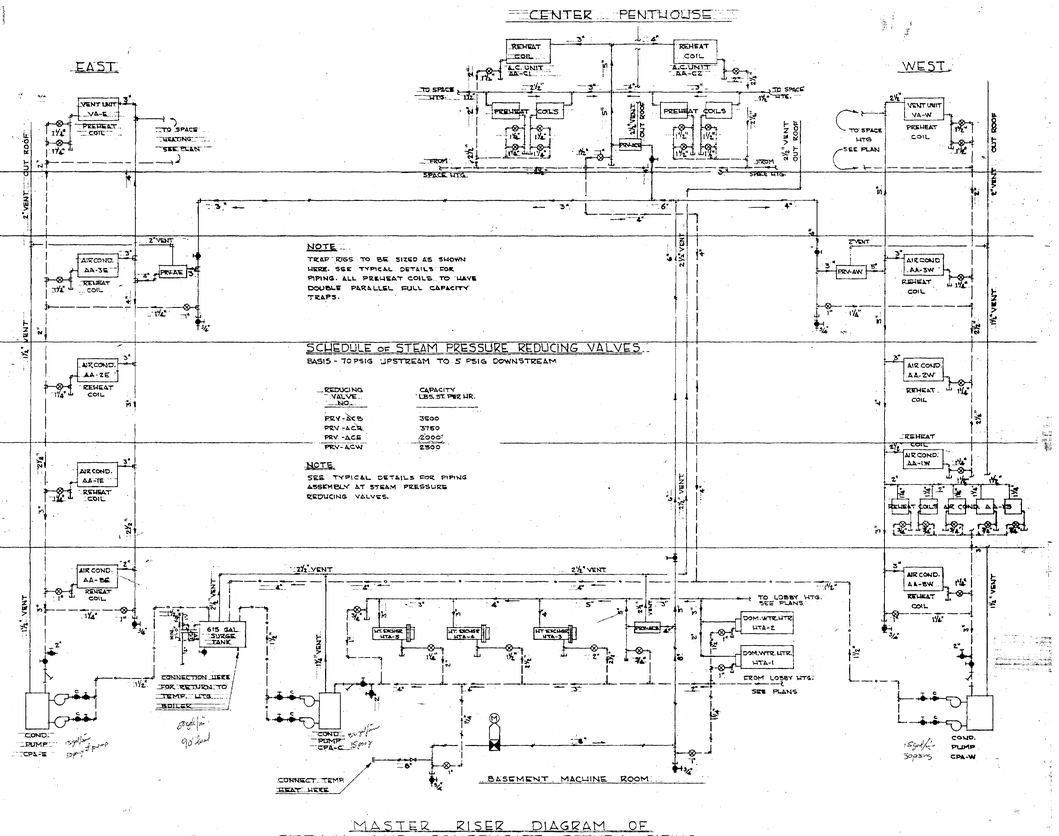


MASTER RISER DIAGRAM OF
CHILLED AND HOT WATER AIR CONDITIONING PIPING
NO SCALE

NOTES:
1. SEE DETAILS FOR PIPING AT ALL UNIT COILS.
2. SEE DETAILS FOR PIPING AT HEAT EXCHANGERS.
3. SEE DETAILS FOR PIPING AT PUMPS.
4. ALL SHUT-OFF VALVES ARE GATE VALVES UNLESS NOTED OTHERWISE.
5. DRAIN VALVES TO HAVE HOSE ADAPTERS.



NOTE
TRAP RISS TO BE SIZED AS SHOWN HERE. SEE TYPICAL DETAILS FOR PIPING. ALL PREHEAT COILS TO HAVE DOUBLE PARALLEL FULL CAPACITY TRAPS.

SCHEDULE OF STEAM PRESSURE REDUCING VALVES
BASIS - 70 PSIG UPSTREAM TO 5 PSIG DOWNSTREAM

REDUCING VALVE NO.	CAPACITY LBS. ST. PER HR.
PRV-2CS	3600
PRV-1CS	3760
PRV-1CE	2000
PRV-1CW	2300

NOTE
SEE TYPICAL DETAILS FOR PIPING ASSEMBLY AT STEAM PRESSURE REDUCING VALVES.

MASTER RISER DIAGRAM OF
STEAM AND CONDENSATE RETURN PIPING
NO SCALE

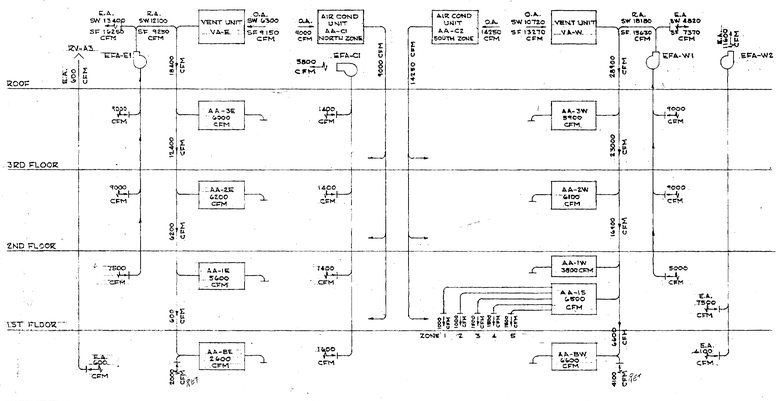


DIAGRAM OF MAJOR VENTILATING AIR FLOW
NO SCALE
SW SUMMER - WINTER
SF SPRING - FALL

NOTE: DRAWING NOT TO SCALE

SCANNED 2005

DEPARTMENT OF CIVIL SERVICE
STATE OFFICE BUILDING
CAMPUS SITE ALBANY NEW YORK

DRAWN BY J.L.O.	HEATING	PROJECT NO. 12978
TRACED BY L.V.A.	MASTER RISER DIAGRAM	SPECIFICATION NO. 18882
DESIGNED BY J.L.O.	KENNETH G. REYNOLDS & ASSOCIATES ARCHITECTS ALBANY, NEW YORK	DATE AUG. 9, 1954
STRUCTURAL ENGINEER	J.L. OTTENHEIMER, CONSULTING ENGINEER ALBANY, NEW YORK	SCALE AS NOTED
ARCHT.	JOHN A. MAC CORMACK COMMISSIONER OF STANDARDS & PURCHASE STATE OF NEW YORK	DRAWING NO. 54/2001
ENG.	DEPARTMENT OF PUBLIC WORKS DIVISION OF CONSTRUCTION CHESTER E. TALLANT CORNELIUS J. WHITE	ASSISTANT/DEPUTY STATE ARCHITECT
APPROVED BY	APPROVED DATE AUG 26 1954	BLDG. # 1

NYS OFFICE OF GENERAL SERVICES
Serving New York
ANDREW M. CUOMO
Governor
ROANN M. DESTITO
Commissioner

CONSULTANT

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CONTRACT:
CONSTRUCTION

TITLE:
DEMOLISH BUILDING
NOS. 1 & 1A

LOCATION:
STATE OFFICE BUILDING CAMPUS
1220 WASHINGTON AVENUE
ALBANY, N.Y. 12226

CLIENT:
NEW YORK STATE
OFFICE OF GENERAL SERVICES

MARK	DATE	DESCRIPTION
	8/26/13	BID DOCUMENTS

PROJECT NUMBER: 44845 – C
DESIGNED BY:
DRAWN BY:
FIELD CHECK:
APPROVED:

SHEET TITLE:
EXIST. HVAC REF. DWG.
MASTER RISER DIAGRAM

DRAWING NUMBER:
54–2001

SHEET OF

Sep 12,2013 - 9:52am
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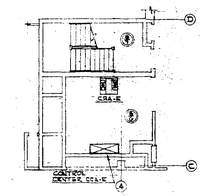
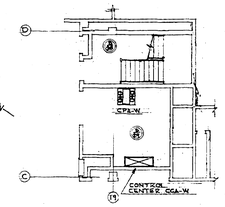


PART BASEMENT PLAN-EAST

SCALE 1/8"=1'-0"



PART BASEMENT PLAN - WEST

SCALE 1/8"=1'-0"

SCHEDULE OF SUPPLY AIR GRILLES

SUPPLY GRILLE NO.	C.F.M.	THROW FT.	RESISTANCE IN W.G.	SIZE W x H	CONSTRUCTION	T & B (a) NO.	FINISH (a)
SG-1	200	12	0.01	24"-5"	(1)	T-947	PRIME
SG-2	200	12	0.01	24"-5"	(2)	T-94	PRIME
SG-3	400	20	0.01	20"-8"	(2)	T-947	PRIME
SG-4	1000	20	0.01	30"-12"	(2)	T-947	PRIME

(1) TO HAVE DOUBLE ADJUSTABLE VANES, KEY OPERATED VOLUME CONTROLS.
(2) TO HAVE DOUBLE ADJUSTABLE VANES, AND DEFLECTING DEVICE.(TUTTLE & BAILEY INC.; SANTEOL ; BARBER COLMAN CO. "DEFLECTROL" OR EQUAL.
(a) T & B - TUTTLE & BAILEY INC.; THESE CATALOGUE NUMBERS TO BE USED AS A STANDARD OF QUALITY AND PERFORMANCE.

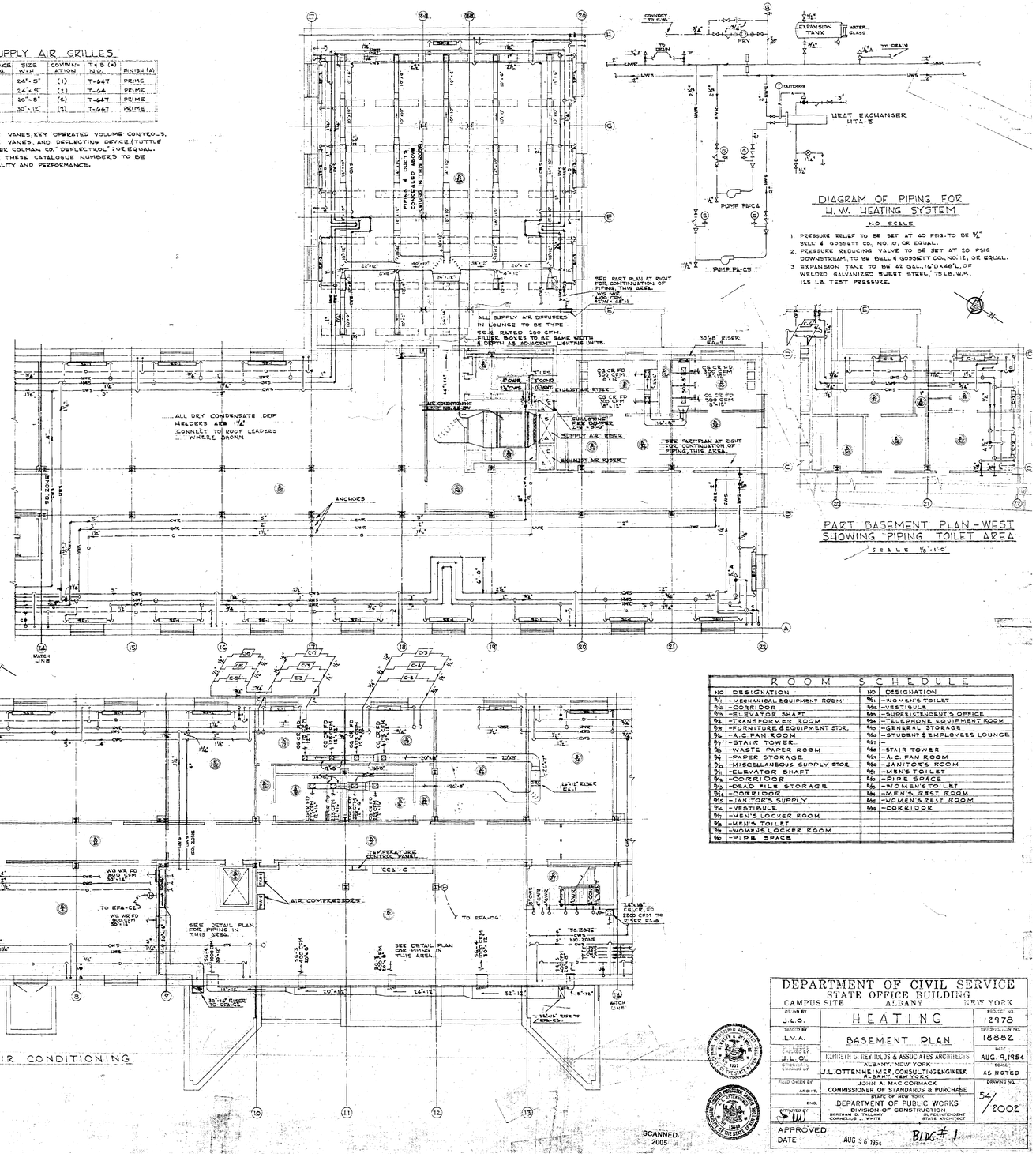


DIAGRAM OF PIPING FOR H.W. HEATING SYSTEM

NO SCALE.

1. PRESSURE RELIEF TO BE SET AT 40 PSIG. TO BE 3/4" BELL & GOSSETT CO., NO. 10, OR EQUAL.
2. PRESSURE REDUCING VALVE TO BE SET AT 20 PSIG DOWNSTREAM, TO BE BELL & GOSSETT CO. NO. 12, OR EQUAL.
3. EXPANSION TANK TO BE 42 GAL., 16"D x 46"L, OF WELDED GALVANIZED SHEET STEEL, 75 LB. W.P., 125 LB. TEST PRESSURE.

PART BASEMENT PLAN - WEST SHOWING PIPING TOILET AREA

SCALE 1/8"=1'-0"

ROOM SCHEDULE

NO	DESIGNATION	NO	DESIGNATION
B/-	-MECHANICAL EQUIPMENT ROOM	9/5	-WOMEN'S TOILET
9/2	-CORRIDOR	9/6	-VESTIBULE
9/3	-ELEVATOR SHAFT	9/6	-SUPERINTENDENT'S OFFICE
9/4	-TRANSFORMER ROOM	9/6	-TELEPHONE EQUIPMENT ROOM
9/5	-FURNITURE & EQUIPMENT STOR.	9/6	-GENERAL STORAGE
9/6	-A.C. FAN ROOM	9/6	-STUDENT & EMPLOYEES LOUNGE
9/7	-STAIR TOWER	9/6	-
9/8	-WASTE PAPER ROOM	9/6	-STAIR TOWER
9/9	-PAPER STORAGE	9/6	-A.C. FAN ROOM
9/10	-MISCELLANEOUS SUPPLY STOR.	9/6	-JANITOR'S ROOM
9/11	-ELEVATOR SHAFT	9/6	-MEN'S TOILET
9/12	-CORRIDOR	9/6	-PIPE SPACE
9/13	-DEAD FILE STORAGE	9/6	-WOMEN'S TOILET
9/14	-CORRIDOR	9/6	-MEN'S REST ROOM
9/15	-JANITOR'S SUPPLY	9/6	-WOMEN'S REST ROOM
9/16	-VESTIBULE	9/6	-CORRIDOR
9/17	-MEN'S LOCKER ROOM		
9/18	-MEN'S TOILET		
9/19	-WOMEN'S LOCKER ROOM		
9/20	-PIPE SPACE		

BASEMENT PLAN - HEATING VENTILATING AND AIR CONDITIONING

SCALE 1/8"=1'-0"

DEPARTMENT OF CIVIL SERVICE
STATE OFFICE BUILDING
CAMPUS SITE ALBANY NEW YORK

DRAWN BY	HEATING	PROJECT NO.
J.L.O.		12978
TRACED BY	BASEMENT PLAN	SPECIFICATION NO.
L.V.A.		18882
CHECKED BY	KENNETH G. REYNOLDS & ASSOCIATES ARCHITECTS	DATE
J.L.O.	ALBANY, NEW YORK	AUG. 9, 1954
SUBMITTED BY	J.L. OTTENHEIMER, CONSULTING ENGINEER	SCALE
	ALBANY, NEW YORK	AS NOTED
FIELD CHECK BY	JOHN A. MAC CORMACK	DRAWING NO.
ARCHT.	COMMISSIONER OF STANDARDS & PURCHASE	54/2002
	STATE OF NEW YORK	
ENG.	DEPARTMENT OF PUBLIC WORKS	
APPROVED BY	DIVISION OF CONSTRUCTION	
	BERTRAM D. TALLAMY SUPERINTENDENT	
	CORNELIUS J. WHITE STATE ARCHITECT	

APPROVED
DATE AUG 26 1954

BLDG # 1

SCANNED 2005

NOTE: DRAWING NOT TO SCALE

Sep 12,2013 - 9:51am
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36x24 PLOT SHEET

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Commissioner

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CONTRACT:
CONSTRUCTION

TITLE:
DEMOLISH BUILDING
NOS. 1 & 1A

LOCATION:
STATE OFFICE BUILDING CAMPUS
1220 WASHINGTON AVENUE
ALBANY, N.Y. 12226

CLIENT:
NEW YORK STATE
OFFICE OF GENERAL SERVICES

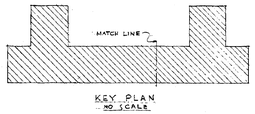
MARK	DATE	DESCRIPTION
	8/26/13	BID DOCUMENTS

PROJECT NUMBER:	44845 – C
DESIGNED BY:	
DRAWN BY:	
FIELD CHECK:	
APPROVED:	

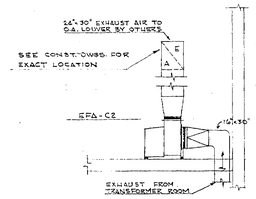
SHEET TITLE:
EXIST. HVAC REF. DWG.
BASEMENT PLAN

DRAWING NUMBER:
54–2002

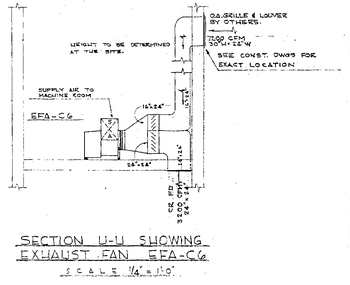
SHEET OF



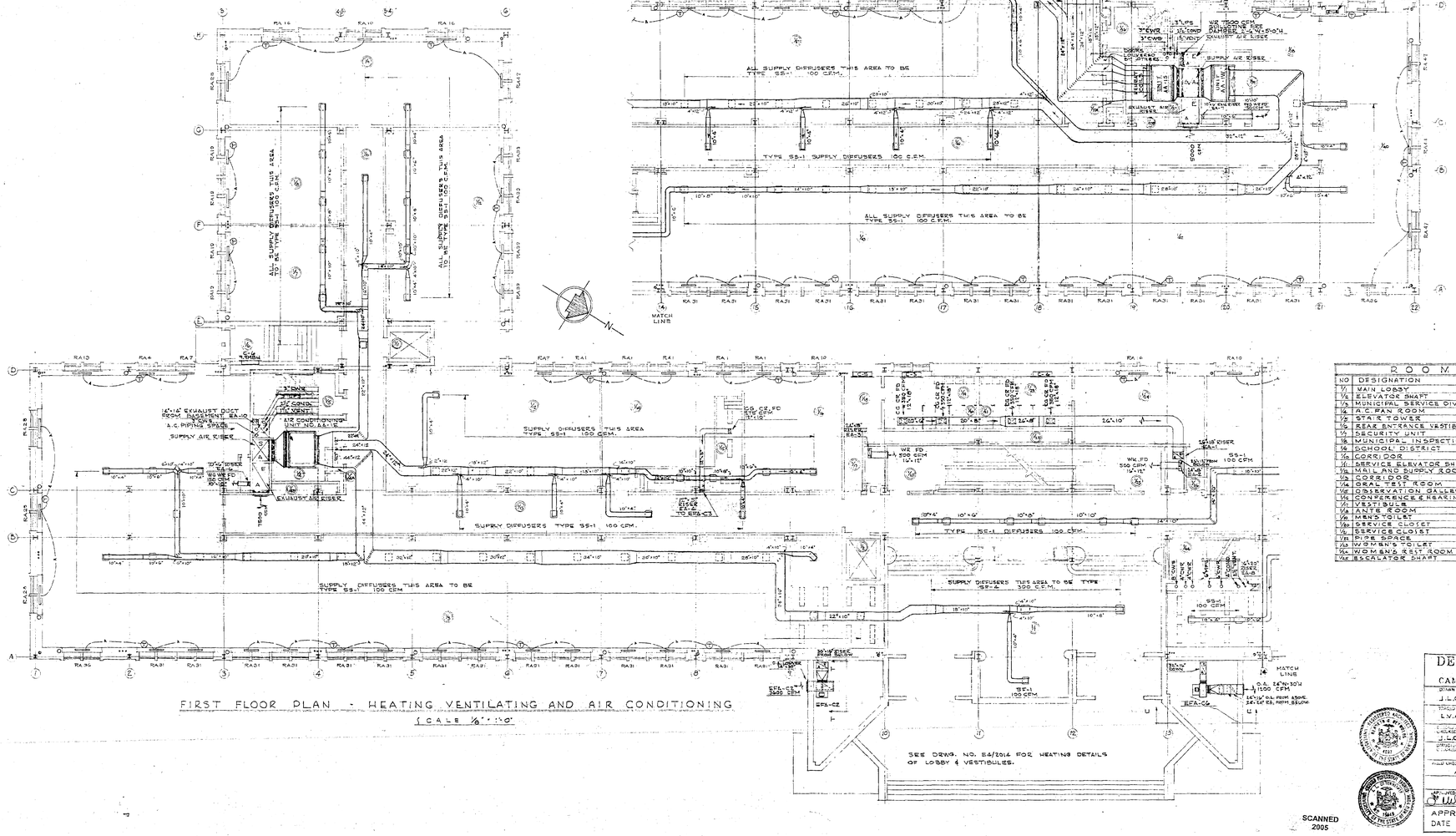
KEY PLAN
NO SCALE



SECTION T-T SHOWING EXHAUST FAN EFA-C2
SCALE 1/4"=1'-0"



SECTION U-U SHOWING EXHAUST FAN EFA-C6
SCALE 1/4"=1'-0"



FIRST FLOOR PLAN - HEATING VENTILATING AND AIR CONDITIONING
SCALE 1/8"=1'-0"

ROOM SCHEDULE			
NO	DESIGNATION	NO	DESIGNATION
1/1	MAIN LOBBY	1/16	VESTIBULE
1/2	ELEVATOR SHAFT	1/17	TRAINING DIVISION
1/3	MUNICIPAL SERVICE DIVISION	1/18	CLASS ROOM
1/4	A.C. FAN ROOM	1/19	CLASS ROOM
1/5	STAIR TOWER	1/20	CLASS ROOM
1/6	REAR ENTRANCE VESTIBULE	1/21	CLASS ROOM
1/7	SECURITY UNIT	1/22	CORRIDOR
1/8	MUNICIPAL INSPECTION	1/23	CORRIDOR
1/9	SCHOOL DISTRICT	1/24	CLASS ROOM
1/10	CORRIDOR	1/25	REAR ENTRANCE VESTIBULE
1/11	SERVICE ELEVATOR SHAFT	1/26	STAIR TOWER
1/12	MAIL AND SUPPLY ROOM	1/27	A.C. FAN ROOM
1/13	CORRIDOR	1/28	LIBRARY WORK ROOM
1/14	ORAL TEST ROOM	1/29	A.C. FAN ROOM
1/15	OBSERVATION GALLERY	1/30	LIBRARY
1/16	CONFERENCE & WAITING ROOM	1/31	CORRIDOR
1/17	VESTIBULE	1/32	OFFICE ADMINISTRATION BUR.
1/18	ANTE ROOM	1/33	MISCELLANEOUS BOARDS
1/19	MEN'S TOILET	1/34	STAIR TOWER
1/20	SERVICE CLOSET	1/34	JANITOR'S CLOSET
1/21	SERVICE CLOSET	1/34	ELECTRIC CLOSET
1/22	PIPE SPACE	1/37A	JANITOR'S CLOSET
1/23	WOMEN'S TOILET	1/37B	ELECTRIC CLOSET
1/24	WOMENS REST ROOM		
1/25	ESCALATOR SHAFT		

SCANNED 2005

DEPARTMENT OF CIVIL SERVICE
STATE OFFICE BUILDING
CAMPUS SITE ALBANY NEW YORK

DRAWN BY J.L.O.	HEATING	PROJECT NO. 12970
TRACED BY L.V.A.	FIRST FLOOR PLAN	ORIGINAL DR. NO. 18882
DESIGNED BY J.L.O.	KENNETH C. REYNOLDS & ASSOCIATES ARCHITECTS ALBANY, NEW YORK	DATE AUG. 9, 1954
CHECKED BY J.L.O.	J.L.OTTENHEIMER, CONSULTING ENGINEER ALBANY, NEW YORK	SCALE AS NOTED
FIELD CHECK BY ARCHT.	JOHN A. MAC CORMACK COMMISSIONER OF STANDARDS & PURCHASE STATE OF NEW YORK	DRAWING NO. 54/2003
ENG.	DEPARTMENT OF PUBLIC WORKS DIVISION OF CONSTRUCTION SUPERINTENDENT BERTRAM D. TALLAMY CONSTR. A. WHITE STATE ARCHITECT	
APPROVED BY		

APPROVED
DATE AUG 16 1954
BLDG # 1

NOTE: DRAWING NOT TO SCALE

Sep 12,2013 — 9:51am
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36x24 PLOT SHEET

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CONTRACT:
CONSTRUCTION

TITLE:
DEMOLISH BUILDING
NOS. 1 & 1A

LOCATION:
STATE OFFICE BUILDING CAMPUS
1220 WASHINGTON AVENUE
ALBANY, N.Y. 12226

CLIENT:
NEW YORK STATE
OFFICE OF GENERAL SERVICES

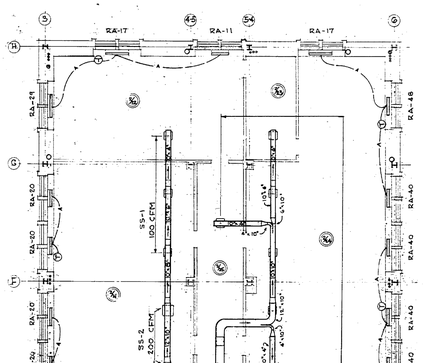
MARK	DATE	DESCRIPTION
	8/26/13	BID DOCUMENTS

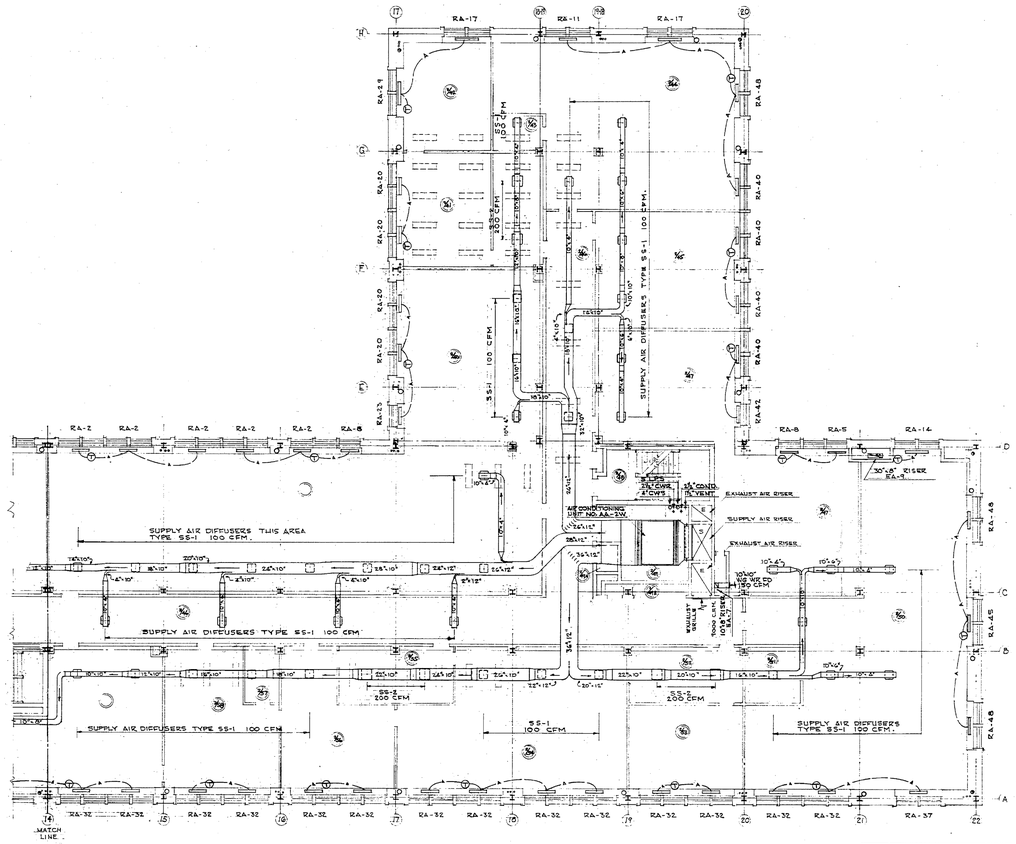
PROJECT NUMBER:	44845 – C
DESIGNED BY:	
DRAWN BY:	
FIELD CHECK:	
APPROVED:	

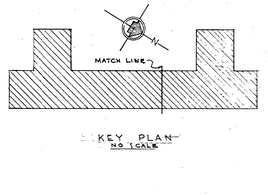
SHEET TITLE:
EXIST. HVAC REF. DWG.
FIRST FLOOR PLAN

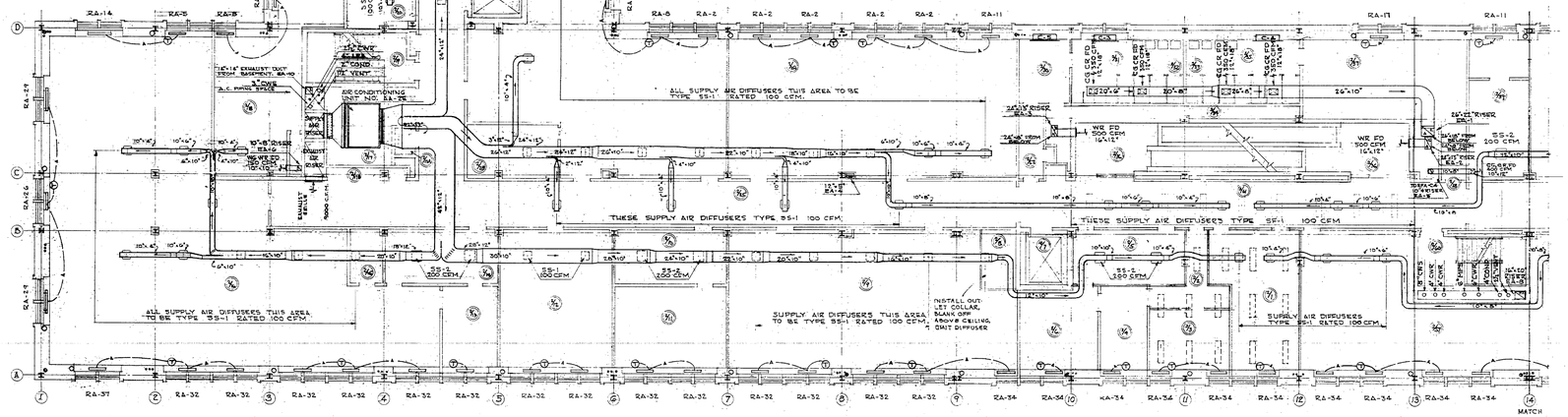
DRAWING NUMBER:
54–2003

SHEET OF









SECOND FLOOR PLAN - HEATING VENTILATING AND AIR CONDITIONING

SCALE 1/8"=1'-0"

NOTE: DRAWING NOT TO SCALE

ROOM SCHEDULE

NO	DESIGNATION	NO	DESIGNATION
1/1	ARTIST'S STUDIO	1/32	ESCALATOR SHAFT
1/2	VESTIBULE	1/37	WOMEN'S REST ROOM
1/3	ASSIST. DIRECTOR'S OFFICE	1/38	VESTIBULE
1/4	SECRETARY'S OFFICE	1/39	DESK ROOM
1/2	CONFERENCE ROOM	1/40	GENERAL FILES AREA
1/6	DIRECTOR'S OFFICE	1/41	CONFERENCE
1/7	ELEVATOR SHAFT	1/42	SECTION No.4 OFFICE
1/8	SECURITY ROOM	1/43	SECURITY ROOM
1/9	ENG. AG. UNIT (XD-2)	1/44	LAW ENFORCEMENT UNIT (XD-4)
1/10	CONFERENCE ROOM	1/45	PHYSICAL MEDICAL UNIT
1/11	SECTION, No.2 OFFICE	1/46	CORRIDOR
1/12	SECTION, No.8 OFFICE	1/47	INVESTIGATION
1/13	SECTION, No.1 OFFICE	1/48	STAIR TOWER
1/14	CONFERENCE ROOM	1/49	A.C. FAN ROOM
1/15	SECURITY ROOM	2/30	ULTY-WEL. UNIT (XD-3)
1/16	AD. CL. FIS. UNIT (XD-1)	1/31	SECURITY ROOM
1/17	AC. FAN ROOM	2/32	CONFERENCE ROOM
1/18	PLATE MAKING UNIT	1/33	SECTION No.3 OFFICE
1/19	STAIR TOWER	1/34	TEST DEVELOPMENT UNIT
1/20	SECURITY ROOM	1/35	CONFERENCE ROOM
2/21	DUPLICATING & COLLATING UNITS	1/20	SECTION No.7 OFFICE
2/22	SHIPPING UNIT	2/37	SECURITY ROOM
1/23	SECURITY ROOM	1/38	TEST EDITING UNIT
1/24	CLERICAL UNIT	1/39	TEST REFERENCE FILES
1/25	CORRIDOR	1/20	STAIR TOWER
1/26	SERVICE ELEVATOR SHAFT	1/21	CORRIDOR
1/27	APPLICATIONS & ARRANGEMENTS	1/22	VESTIBULE
1/28	BUSINESS MACHINE ROOM	1/11	JANITOR'S CLOSET
1/29	STENOGRAPHIC POOL	1/12	ELECTRIC CLOSET
1/30	ANTE ROOM	1/13	JANITOR'S CLOSET
1/31	MEN'S TOILET	1/14	ELECTRIC CLOSET
1/32	SERVICE CLOSET		
1/33	SERVICE CLOSET		
1/34	PIPE SPACE		
1/35	WOMEN'S TOILET		

#1

SCANNED 2005

DEPARTMENT OF CIVIL SERVICE STATE OFFICE BUILDING CAMPUS SITE ALBANY NEW YORK		
DESIGN BY: J.L.O.	HEATING	PROJECT NO. 12978
DRAWN BY: L.V.A.	SECOND FLOOR PLAN	SPECIFICATION NO. 18682
CHECKED BY: J.L.O.	KENNETH G. REYNOLDS & ASSOCIATES ARCHITECTS ALBANY, NEW YORK	DATE: AUG. 9, 1954
APPROVED BY:	J.L. OTTENHEIMER, CONSULTING ENGINEER ALBANY, NEW YORK	SCALE: AS NOTED
FIELD CHECK BY: ARCH'T.	JOHN A. MAC CORMACK COMMISSIONER OF STANDARDS & PURCHASE STATE OF NEW YORK	DRAWING NO. 54/2004
ENG.	DEPARTMENT OF PUBLIC WORKS DIVISION OF CONSTRUCTION BERTRAM D. TALLAMY SUPERINTENDENT CORNELIUS J. WHITE STATE ARCHITECT	
APPROVED BY:		

APPROVED DATE AUG 26 1954 BLDG. # 1 BLD 1

NYS OFFICE OF GENERAL SERVICES

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Governor
ROANN M. DESTITO
Commissioner

CONSULTANT

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CONTRACT:
CONSTRUCTION

TITLE:
DEMOLISH BUILDING
NOS. 1 & 1A

LOCATION:
STATE OFFICE BUILDING CAMPUS
1220 WASHINGTON AVENUE
ALBANY, N.Y. 12226

CLIENT:
NEW YORK STATE
OFFICE OF GENERAL SERVICES

MARK	DATE	DESCRIPTION
	8/26/13	BID DOCUMENTS

PROJECT NUMBER:	44845 - C
DESIGNED BY:	
DRAWN BY:	
FIELD CHECK:	
APPROVED:	

SHEET TITLE:
EXIST. HVAC REF. DWG.
SECOND FLOOR PLAN

DRAWING NUMBER:
54-2004

SHEET OF

Sep 12,2013 - 9:50am
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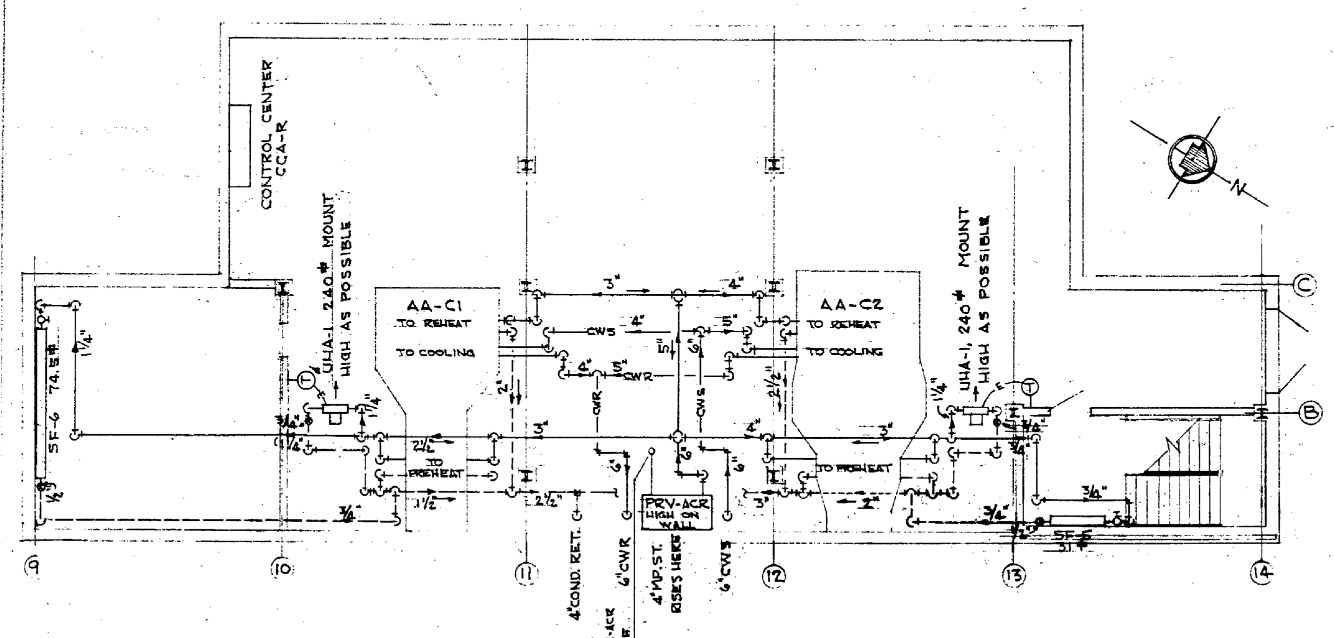
36x24 PLOT SHEET



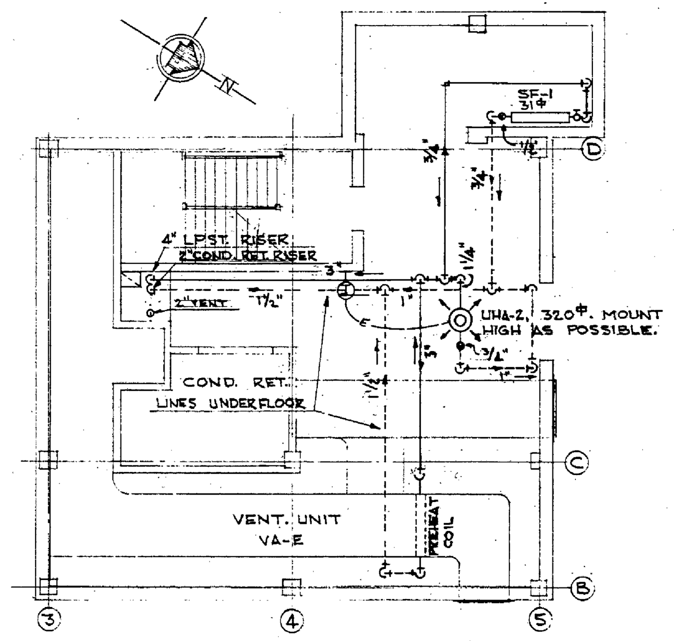
PLAN OF CENTER PENTHOUSE SHOWING PIPING
SCALE 1/8" = 1'-0"

PENTHOUSE NOTES:
1. ALL HORIZONTAL CHILLED WATER AND STEAM LINES HIGH AS POSSIBLE AT CEILING.
2. MOUNT UNIT HEATERS UHA-1 HIGH AS POSSIBLE.
3. REFER TO RISER DIAGRAMS AND TYPICAL DETAILS FOR PIPING & PIPE SIZES AT COILS.

UNIT HEATERS

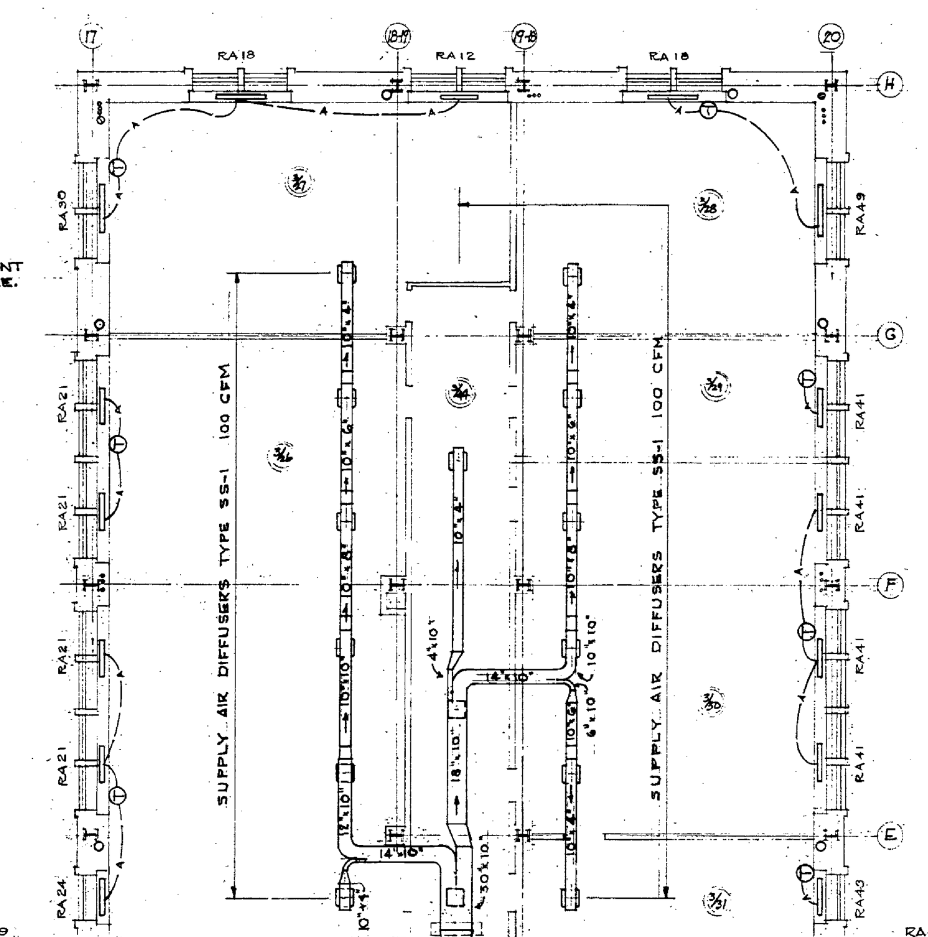
UHA-1 240# E.D.R., 65° ENT. AIR, STEAM 2PSIG, HORIZONTAL, 1000 CFM, F.T. 115°F, THROW 30'. MODINE CO. H-245; OR AN APPROVED EQUAL.

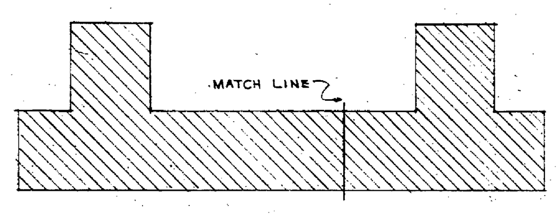
UHA-2 320# E.D.R., 65° ENT. AIR, STEAM 5PSIG, VERTICAL, 1400 CFM, F.T. 115°F, THROW 20', TO HAVE DISCHARGE DIFFUSERS, MODINE CO. V-320; OR AN APPROVED EQUAL.



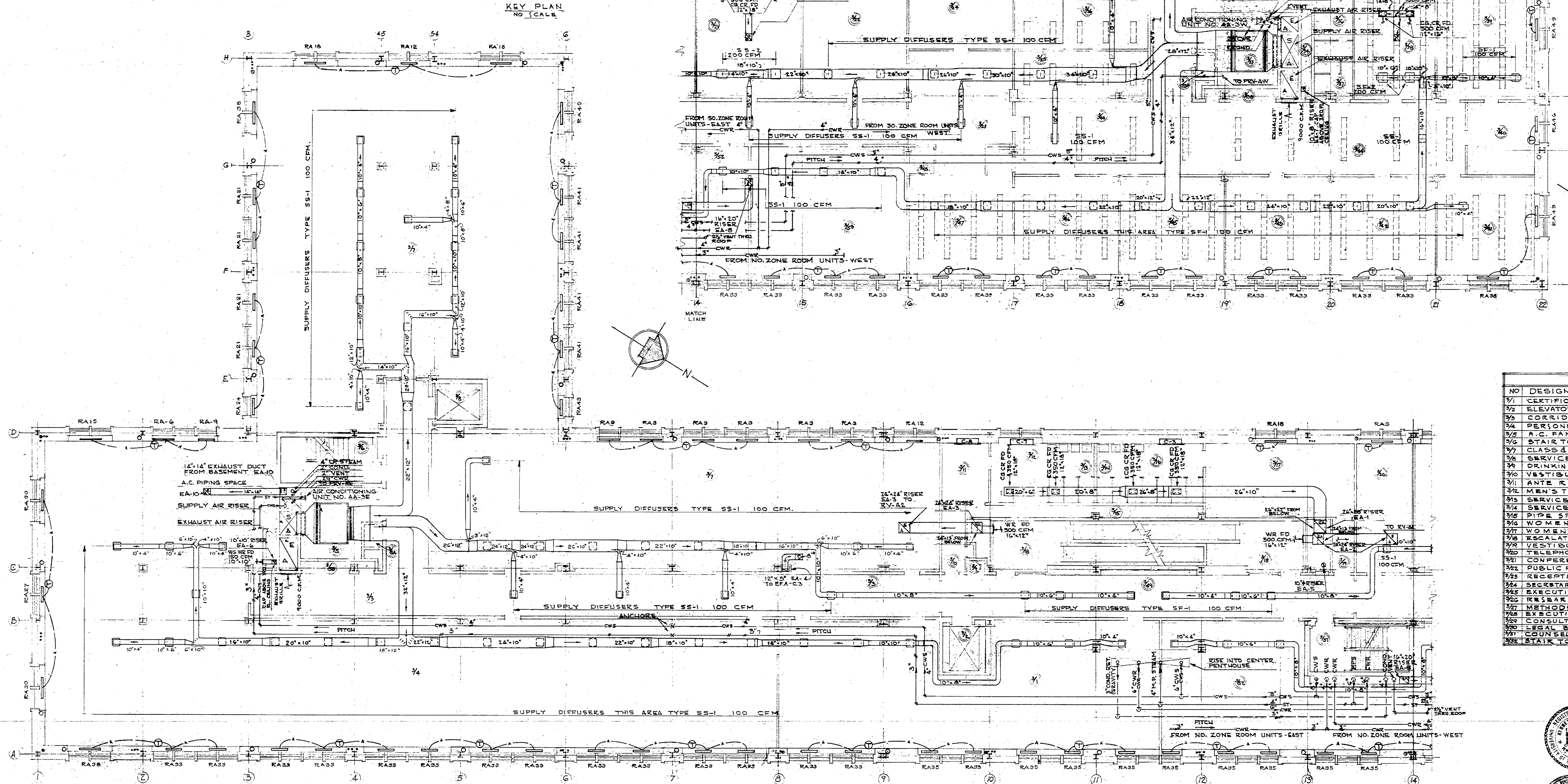
PIPING PLAN EAST PENTHOUSE
SCALE 1/8" = 1'-0"

NOTE: ALL STEAM LINES TO BE HIGH AS POSSIBLE AT CEILING.

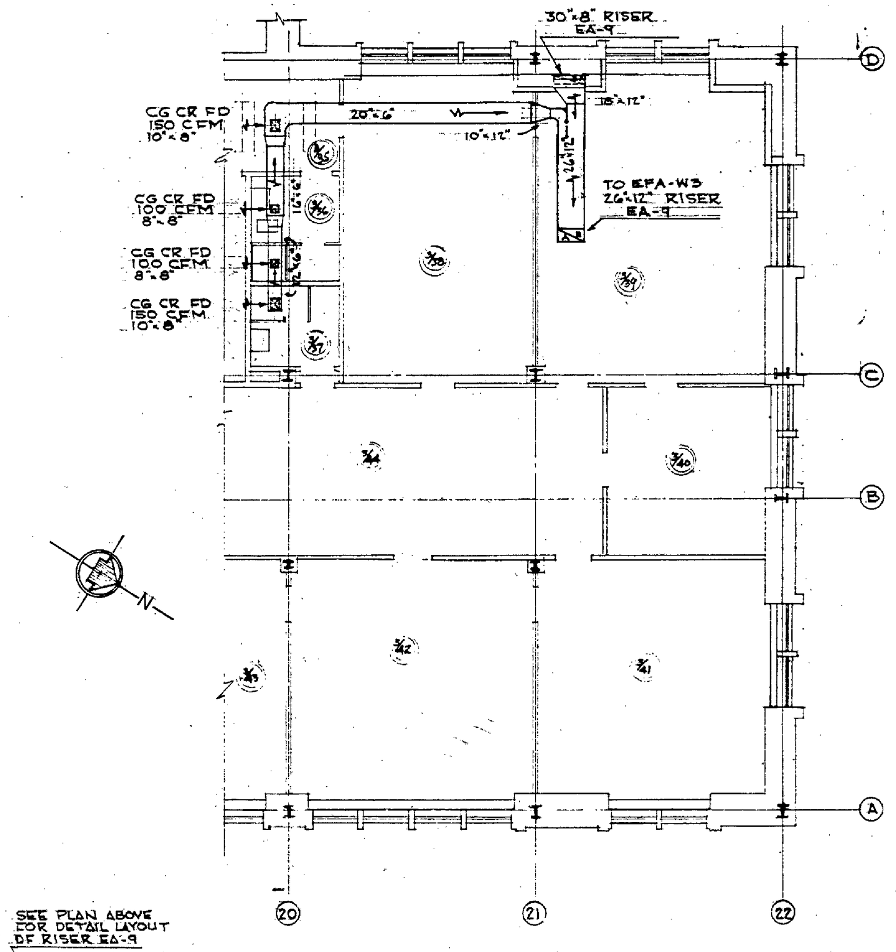




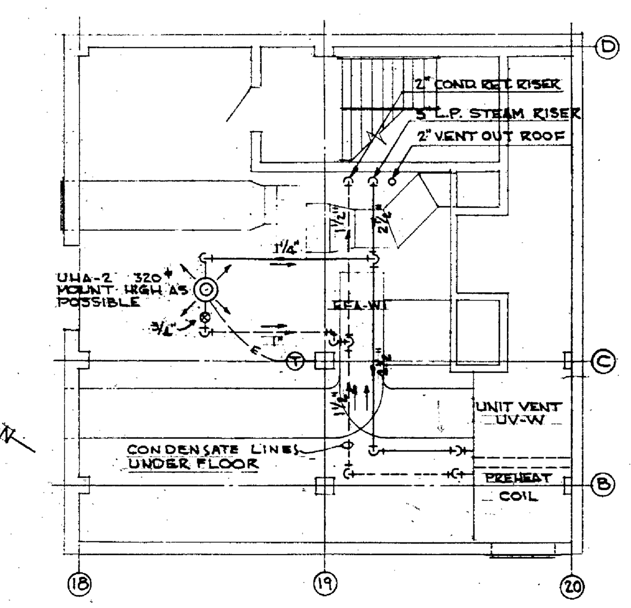
KEY PLAN
NO SCALE



THIRD FLOOR PLAN HEATING VENTILATING AND AIR CONDITIONING
SCALE 1/8" = 1'-0"



PART PLAN - THIRD FLOOR
SCALE 1/8" = 1'-0"



PIPING PLAN AT WEST PENTHOUSE
SCALE 1/8" = 1'-0"

NOTE: ALL STEAM LINES TO BE HIGH AS POSSIBLE AT CEILING.

ROOM SCHEDULE

NO	DESIGNATION	NO	DESIGNATION
3/1	CERTIFICATIONS	3/33	A.C. FAN ROOM
3/2	ELEVATOR SHAFT	3/34	PIPE SPACE
3/3	CORRIDOR	3/35	PRESIDENT'S DRESSING ROOM
3/4	PERSONNEL TRANSATIONS BUR.	3/36	PRESIDENT'S TOILET
3/5	A.C. FAN ROOM	3/37	PUBLIC TOILET
3/6	STAIR TOWER	3/38	CONFERENCE ROOM
3/7	CLASS & COMP. DIVISION	3/39	PRESIDENT'S OFFICE
3/8	SERVICE ELEVATOR SHAFT	3/40	PRESIDENT'S SECRETARY
3/9	DRINKING FOUNTAIN ALCOVE	3/41	COMMISION "C" OFFICE
3/10	VESTIBULE	3/42	SECRETARIES OFFICE
3/11	ANTE ROOM	3/43	COMMISION "B" OFFICE
3/12	MEN'S TOILET	3/44	WAITING CORRIDOR
3/13	SERVICE CLOSET	3/45	ADMINISTRATION DIRECTOR'S OFF
3/14	SERVICE CLOSET	3/46	SECRETARIES OFFICE
3/15	PIPE SPACE	3/47	ASSISTANT ADMIN. DIRECTOR'S OFF
3/16	WOMEN'S TOILET	3/48	PUBLIC TELEPHONE BOOTH
3/17	WOMEN'S REST ROOM	3/49	CORRIDOR
3/18	ESCALATOR SHAFT	3/50	STATISTICS OFFICE
3/19	VESTIBULE	3/51	STAIR TOWER
3/20	TELEPHONE ROOM	3/52	TABULATION OFFICE
3/21	CONFERENCE ROOM	3/5A	JANITOR'S CLOSET
3/22	PUBLIC RELATIONS	3/5B	ELECTRIC CLOSET
3/23	RECEPTION ROOM	3/33A	JANITOR'S CLOSET
3/24	SECRETARY TO DEPARTMENT	3/33B	ELECTRIC CLOSET
3/25	EXECUTIVE FILE ROOM		
3/26	RESEARCH BUREAU		
3/27	METHODS UNIT		
3/28	EXECUTIVE STENO. POOL		
3/29	CONSULTANT		
3/30	LEGAL BUREAU		
3/31	COUNSEL'S OFFICE		
3/32	STAIR TOWER		

SCANNED 2005

DEPARTMENT OF CIVIL SERVICE
STATE OFFICE BUILDING
CAMPUS SITE ALBANY NEW YORK

DRAWN BY J.L.O.	HEATING	PROJECT NO. 12978
TRACED BY L.V.A.	THIRD FLOOR PLAN	SPECIFICATION NO. 18882
DIMENSIONS CHECKED BY J.L.O.	KENNETH G. REYNOLDS & ASSOCIATES ARCHITECTS ALBANY, NEW YORK	DATE AUG. 9, 1954
STRUCTURAL CHECKED BY	J.L. OTTENHEIMER, CONSULTING ENGINEER ALBANY, NEW YORK	SCALE AS NOTED
FIELD CHECK BY ARCH'T.	JOHN A. MAC CORMACK COMMISSIONER OF STANDARDS & PURCHASE	DRAWING NO. 54/2005
ENG.	STATE OF NEW YORK DEPARTMENT OF PUBLIC WORKS DIVISION OF CONSTRUCTION BERTRAM D. TALLAMY SUPERINTENDENT CORNELIUS J. WHITE STATE ARCHITECT	
APPROVED BY		

APPROVED DATE AUG 26 1954 BLDG# 1 BLD(1)

NYS OFFICE OF GENERAL SERVICES
Serving New York
ANDREW M. CUOMO
Governor
ROANN M. DESTITO
Commissioner

CONSULTANT

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CONTRACT: CONSTRUCTION

TITLE: DEMOLISH BUILDING NOS. 1 & 1A

LOCATION: STATE OFFICE BUILDING CAMPUS
1220 WASHINGTON AVENUE
ALBANY, N.Y. 12226

CLIENT: NEW YORK STATE
OFFICE OF GENERAL SERVICES

MARK	DATE	DESCRIPTION
	8/26/13	BID DOCUMENTS

PROJECT NUMBER: 44845 – C
DESIGNED BY:
DRAWN BY:
FIELD CHECK:
APPROVED:

SHEET TITLE: EXIST. HVAC REF. DWG. THIRD FLOOR PLAN

DRAWING NUMBER: 54–2005

SHEET OF

NOTE: DRAWING NOT TO SCALE

Sep 12,2013 – 9:50am
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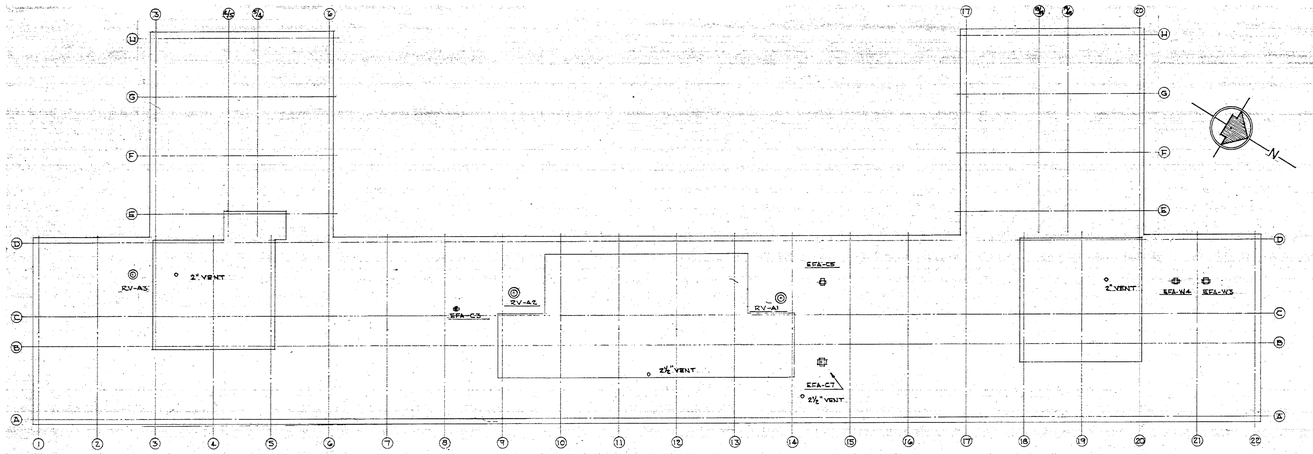
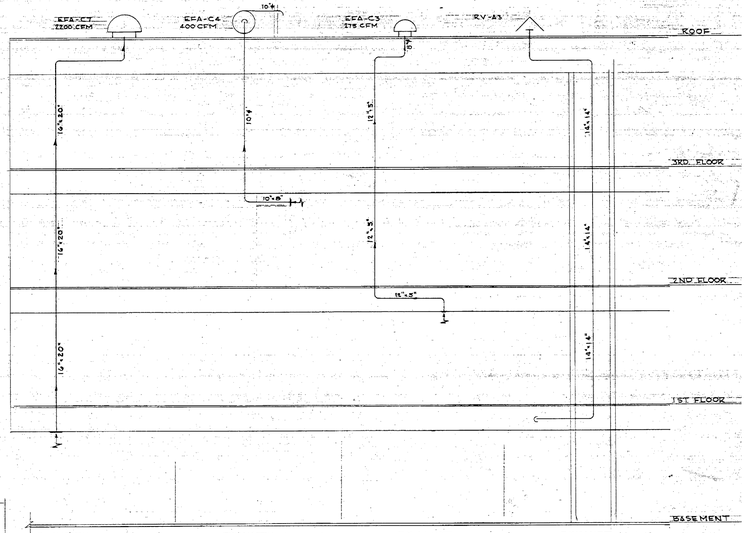
36x24 PLOT SHEET



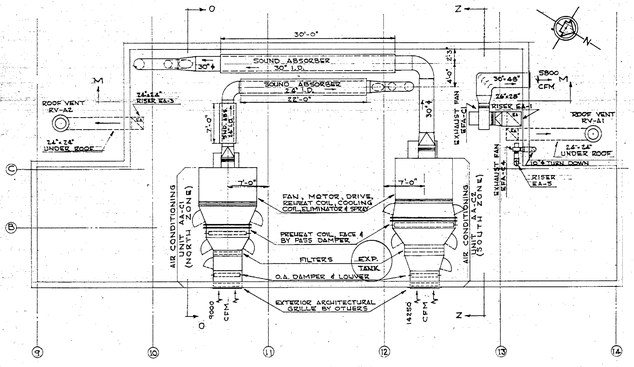
ROOF PLAN SHOWING EXHAUST FANS AND ROOF VENTILATORS

SCALE 1/16" = 1'-0"



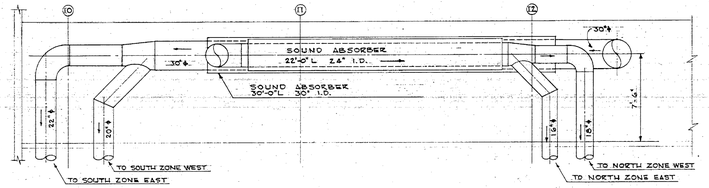
RISER DIAGRAM EXHAUST

NO SCALE



CENTER PENTHOUSE PLAN

SCALE 1/8" = 1'-0"



SECTION M-M

SCALE 1/8" = 1'-0"

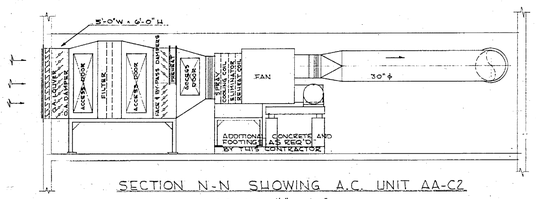
TABLE No. 3070-B

SCHEDULE FOR ROOF VENTILATORS

DEPARTMENT OF CIVIL SERVICE BUILDING

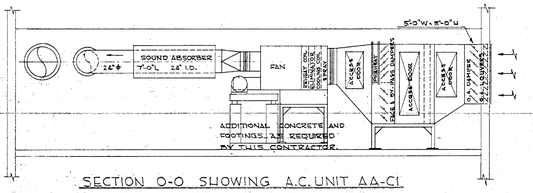
ROOF VENT NO.	MIN. THROAT DIAM.	WIND VEL. M.P.H.	TEMP. DIFF. °F	STACK EFFECT FT.	CFM	METAL THICK. GA.
RV-A1	24"	10	20	20	1500	22
RV-A2	24"	10	20	20	1500	22
RV-A3	16"	10	10	30	600	22

(1) UNITS TO BE GRAVITY TYPE, GALVANIZED SHEET STEEL, U.L.W. ROBERTSON CO.; OR APPROVED EQUAL.
(2) EACH UNIT TO HAVE ROOF CURB MOUNTING BASE.



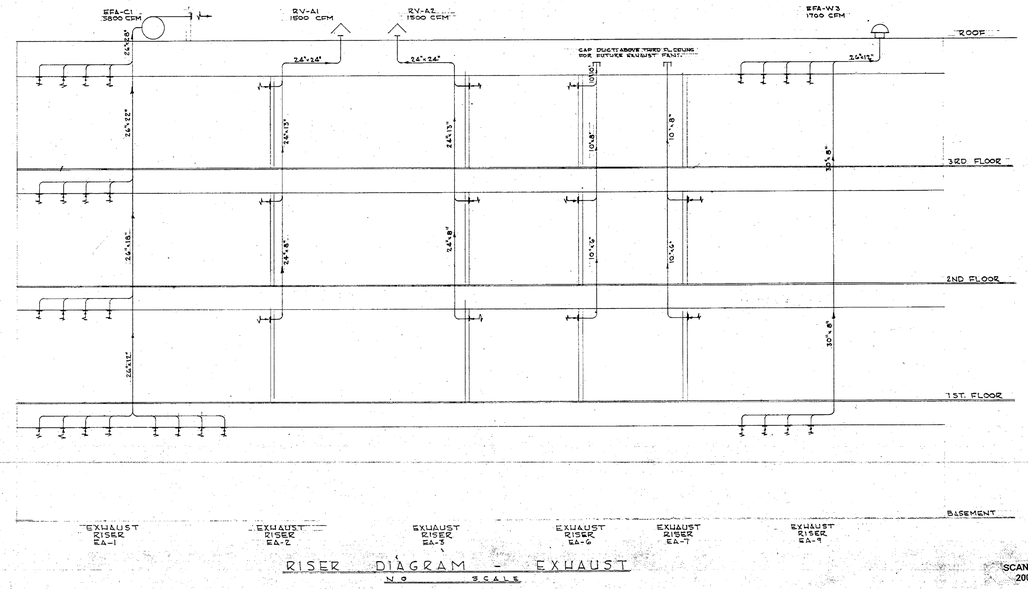
SECTION N-N SHOWING A.C. UNIT AA-C2

SCALE 1/2" = 1'-0"



SECTION O-O SHOWING A.C. UNIT AA-C1

SCALE 1/2" = 1'-0"



RISER DIAGRAM - EXHAUST

NO SCALE

SCANNED 2005

DEPARTMENT OF CIVIL SERVICE
STATE OFFICE BUILDING
CAMPUS SITE ALBANY NEW YORK

DESIGN BY: J.L.O.	HEATING	PROJECT NO. 12979
TRACED BY: L.V.A.	CENTER PENTHOUSE & ROOF PLAN	SPECIFICATION NO. 10882
QUANTITIES CHECKED BY: J.L.O.	KENNETH G. REYNOLDS & ASSOCIATES ARCHITECTS ALBANY, NEW YORK	DATE AUG. 9, 1954
STRUCTURAL CHECKED BY	J.L. OTTENHEIMER CONSULTING ENGINEER ALBANY, NEW YORK	SCALE AS NOTED
FIELD CHECK BY ARCHT.	JOHN A. MACCORNACK COMMISSIONER OF STANDARDS & PURCHASE STATE OF NEW YORK	DRAWING NO. 54/2006
APPROVED BY ENG.	DEPARTMENT OF PUBLIC WORKS DIVISION OF CONSTRUCTION BERTRAM E. TOMPKINS, SUPERINTENDENT CORNELIUS J. WHITE, STATE ARCHITECT	

APPROVED AUG 9 1954 BLDG # 1 RDP # 1

DATE

CONTRACT:
CONSTRUCTION

TITLE:
DEMOLISH BUILDING
NOS. 1 & 1A

LOCATION:
STATE OFFICE BUILDING CAMPUS
1220 WASHINGTON AVENUE
ALBANY, N.Y. 12226

CLIENT:
NEW YORK STATE
OFFICE OF GENERAL SERVICES

MARK	DATE	DESCRIPTION
	8/26/13	BID DOCUMENTS

PROJECT NUMBER: 44845 – C

DESIGNED BY:
DRAWN BY:
FIELD CHECK:
APPROVED:

SHEET TITLE:
EXIST. HVAC REF. DWG.
CENTER PENTHOUSE &
ROOF PLAN

DRAWING NUMBER:
54–2006

SHEET OF

NOTE: DRAWING NOT TO SCALE

NYS OFFICE OF GENERAL SERVICES
Serving New York
ANDREW M. CUOMO
Governor
ROANN M. DESTITO
Commissioner

CONSULTANT

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Sep 12,2013 - 9:50am
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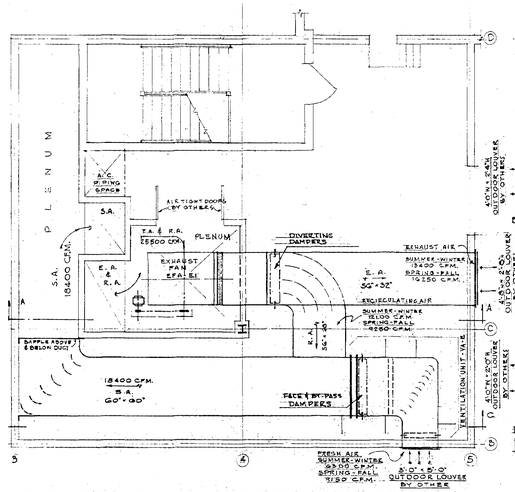
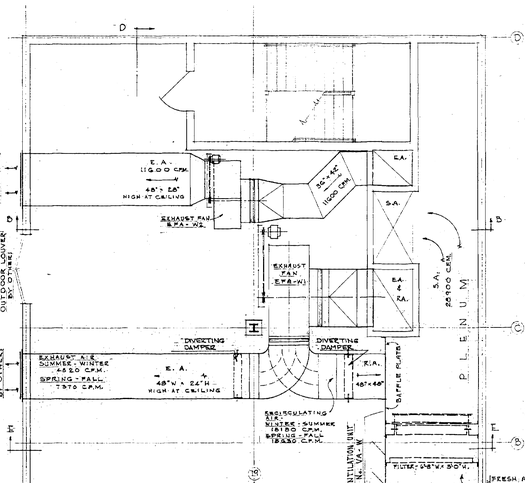
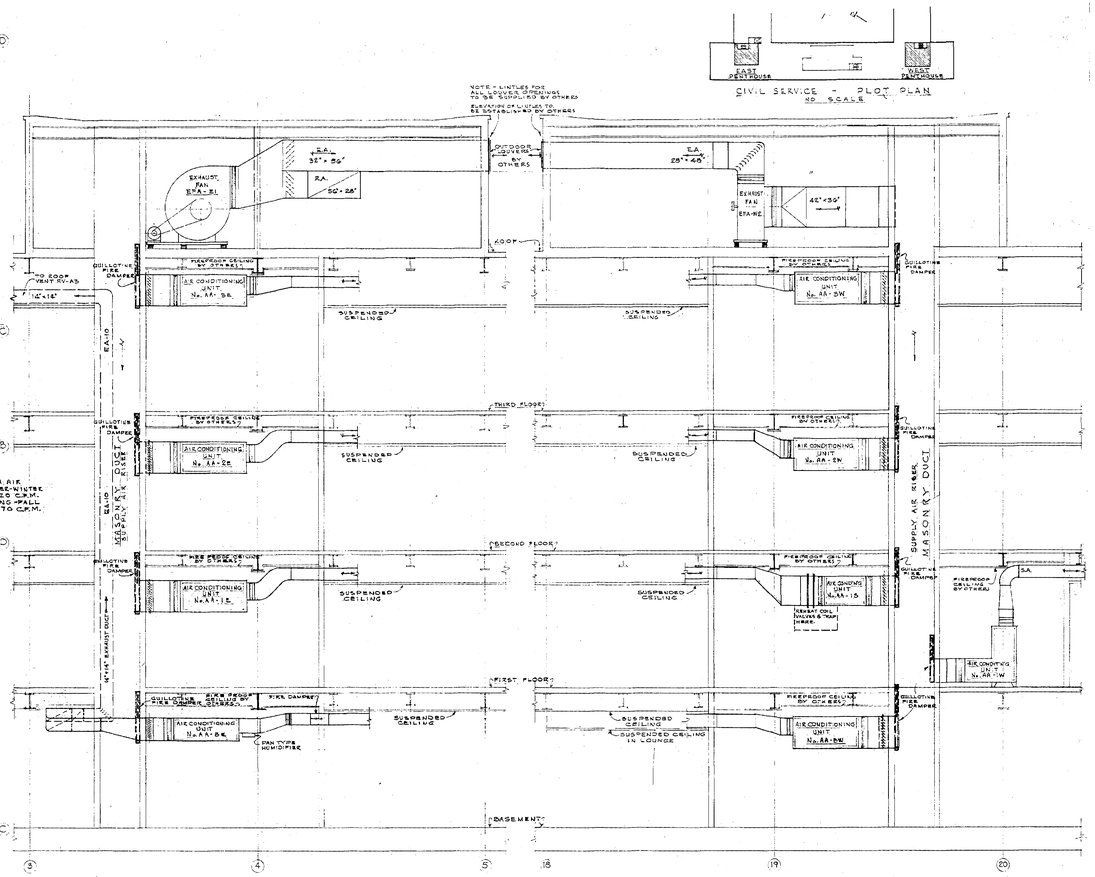
36x24 PLOT SHEET

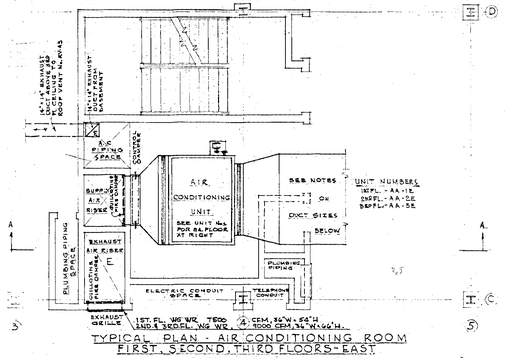


PENT HOUSE PLAN - AIR CONDITIONING ROOM - EAST
SCALE ¼" = 1'-0"



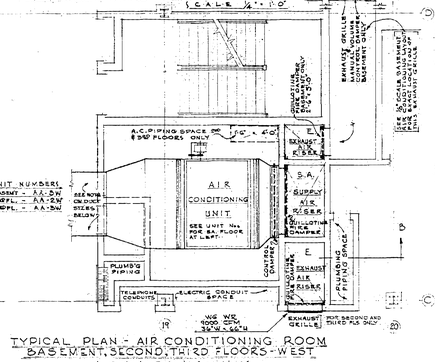
PENT HOUSE PLAN
AIR CONDITIONING ROOM - WEST
SCALE ¼" = 1'-0"





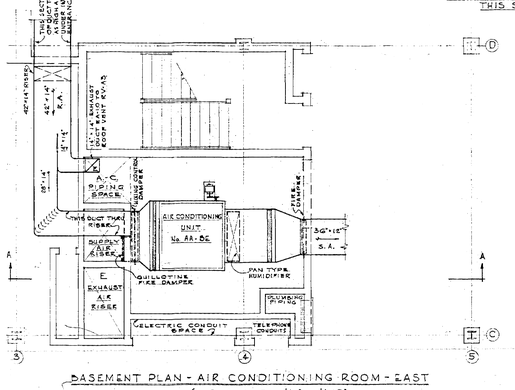
TYPICAL PLAN - AIR CONDITIONING ROOM
FIRST, SECOND, THIRD FLOORS - EAST
SCALE ¼" = 1'-0"

THE EXACT SIZES, SHAPES, AND LOCATIONS OF SUPPLY AIR DUCTS FROM EACH FLOOR UNIT WILL BE FOUND ON THE GENERAL PLAN LAYOUT OF THAT FLOOR.

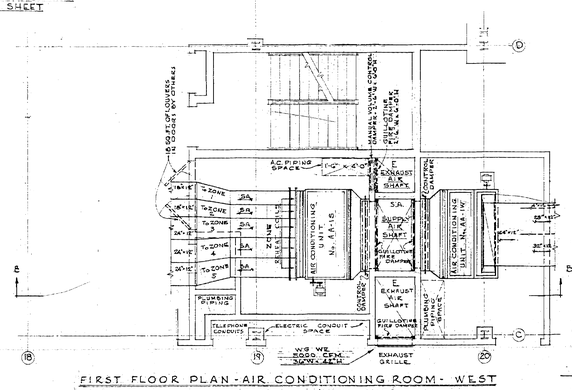


TYPICAL PLAN - AIR CONDITIONING ROOM
BASEMENT, SECOND, THIRD FLOORS - WEST
SCALE ¼" = 1'-0"

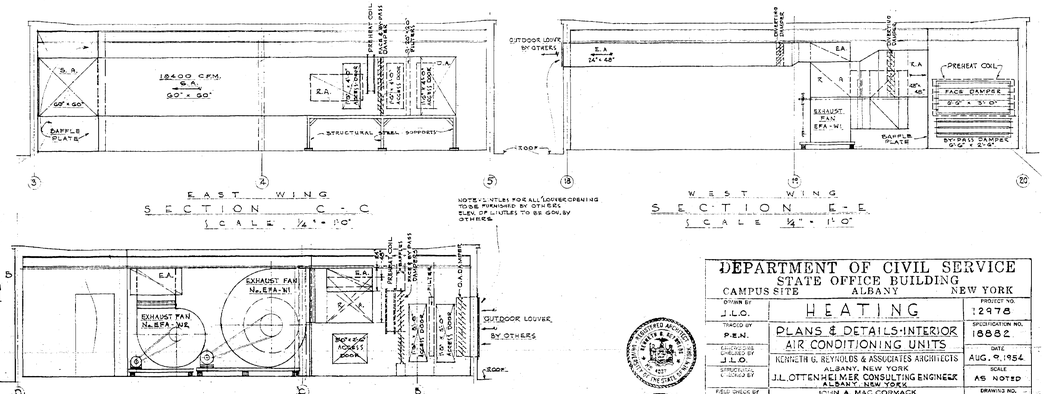
THE EXACT SIZES, SHAPES, AND LOCATIONS OF SUPPLY AIR DUCTS FROM EACH FLOOR UNIT WILL BE FOUND ON THE GENERAL PLAN LAYOUT OF THAT FLOOR.



BASEMENT PLAN - AIR CONDITIONING ROOM - EAST
SCALE ¼" = 1'-0"



FIRST FLOOR PLAN - AIR CONDITIONING ROOM - WEST
SCALE ¼" = 1'-0"



NOTE: DRAWING NOT TO SCALE

DEPARTMENT OF CIVIL SERVICE
STATE OFFICE BUILDING
CAMPUS SITE ALBANY NEW YORK

DRAWN BY J.L.O.	HEATING	PROJECT NO. 12978
TRACED BY P.E.W.	PLANS & DETAILS-INTERIOR AIR CONDITIONING UNITS	SPECIFICATION NO. 18882
CHECKED BY J.L.O.	KENNETH G. REYNOLDS & ASSOCIATES ARCHITECTS ALBANY, NEW YORK	DATE AUG. 9, 1954
APPROVED BY	J.L. OTTENHEIMER CONSULTING ENGINEER ALBANY, NEW YORK	SCALE AS NOTED
FINAL CHECK BY ARCHIT.	JOHN A. MAC CONNACK COMMISSIONER OF STANDARDS & PURCHASE STATE OF NEW YORK	DRAWING NO. 54/2007
ENG. APPROVED BY	DEPARTMENT OF PUBLIC WORKS DIVISION OF CONSTRUCTION ALBANY 10 DEPARTMENT STATE ARCHITECT BERTRAM E. LEVY CORNELIUS J. WHITE	

APPROVED
DATE AUG 16 1954 BLDG # 1 ED 5)

2005

NYS OFFICE OF GENERAL SERVICES
Serving New York
ANDREW M. CUOMO
Governor
ROANN M. DESTITO
Commissioner

CONSULTANT

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CONTRACT:
CONSTRUCTION

TITLE:
DEMOLISH BUILDING
NOS. 1 & 1A

LOCATION:
STATE OFFICE BUILDING CAMPUS
1220 WASHINGTON AVENUE
ALBANY, N.Y. 12226

CLIENT:
NEW YORK STATE
OFFICE OF GENERAL SERVICES

MARK	DATE	DESCRIPTION
	8/26/13	BID DOCUMENTS

PROJECT NUMBER: 44845 – C
DESIGNED BY:
DRAWN BY:
FIELD CHECK:
APPROVED:

SHEET TITLE:
EXIST. HVAC REF. DWG.
PLANS & DETAILS – INT.
AIR CONDITIONING UNITS

DRAWING NUMBER:
54–2007

SHEET OF

Sep 12,2013 – 9:49am
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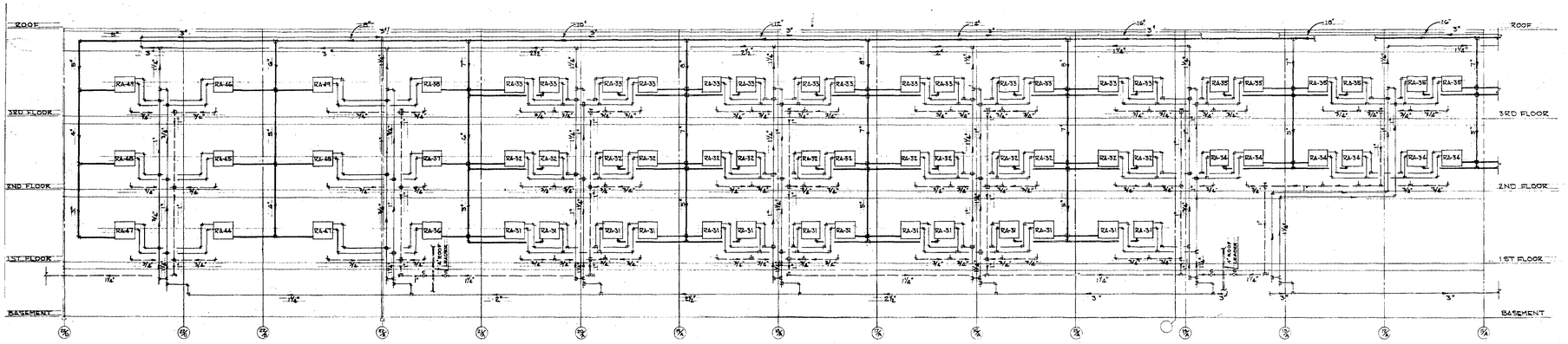
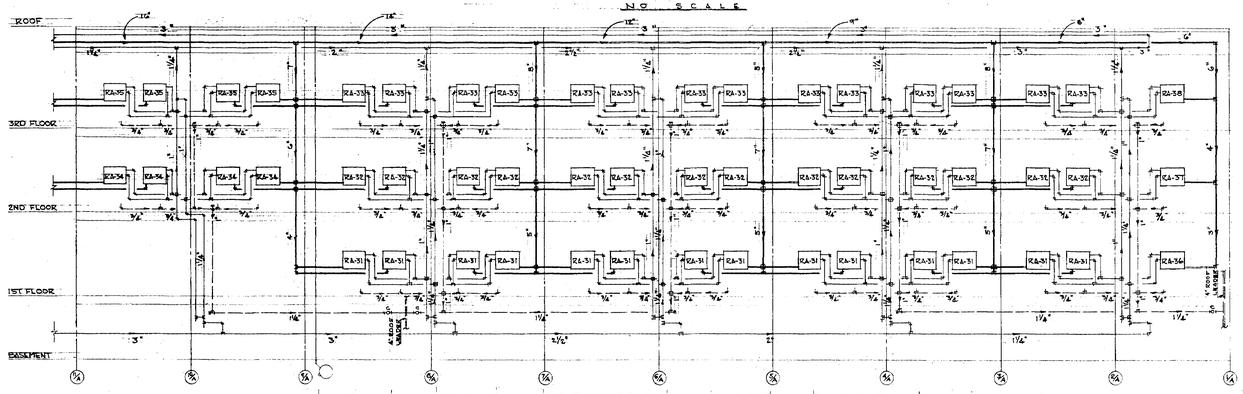


NORTH ZONE PERIMETER RISER DIAGRAM NO. N-1

NO SCALE



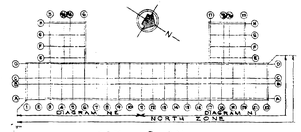
NORTH ZONE PERIMETER RISER DIAGRAM NO. N-2

NO SCALE

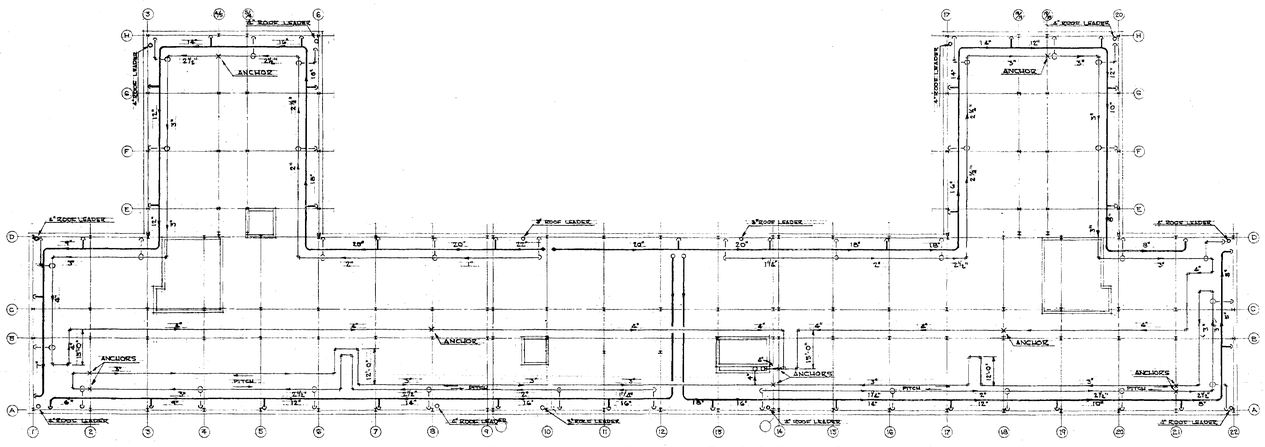
THIS SHEET ONLY

CHILLED WATER
SUPPLY & RETURN
ROUND DUCT
HIGH VELOCITY
DRIP DRAIN
ROOF LEADER -BY OTHERS

NOTE: NO VALVES SHOWN UPON THESE RISER DIAGRAMS. SEE DETAILS FOR REQUIRED VALVES.



KEY PLAN
NO SCALE



PLAN ABOVE THIRD FLOOR CEILING

SCALE 1/16" = 1'-0"

NOTES: (1) PIPING IS DIAGRAMMATIC.
(2) ROOF LEADERS, BY OTHERS, SHOWN TO ELIMINATE CONFLICTION.

NOTE: DRAWING NOT TO SCALE

SCANNED 2005

DEPARTMENT OF CIVIL SERVICE
STATE OFFICE BUILDING
CAMPUS SITE ALBANY NEW YORK

DRAWN BY J.L.O.	HEATING	PROJECT NO. 12978
TRACED BY L.V.A.	EXTERIOR RISER DIAGRAM NORTH ZONE	SPECIFICATION NO. 10882
ELECTRICAL CHECKED BY J.L.O.	KENNETH G. REYNOLDS & ASSOCIATES ARCHITECTS ALBANY, NEW YORK	DATE AUG. 9, 1954
STRUCTURES CHECKED BY	J.L. OTTENHEIMER CONSULTING ENGINEER ALBANY, NEW YORK	SCALE AS NOTED
FIELD CHECK BY ARCH'T.	JOHN A. MAC CORMACK COMMISSIONER OF STANDARDS & PURCHASE STATE OF NEW YORK	DRAWING NO. 54/2008
ENG.	DEPARTMENT OF PUBLIC WORKS DIVISION OF CONSTRUCTION BERTRAM D. TALLAMY ACTING SUPERINTENDENT CORNELIUS J. WHITE STATE ARCHITECT	
APPROVED BY		
APPROVED DATE AUG 26 1954	BLDG. # 1	

NYS OFFICE OF GENERAL SERVICES

Serving New York

ANDREW M. CUOMO
Governor
ROANN M. DESTITO
Commissioner

CONSULTANT

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CONTRACT:
CONSTRUCTION

TITLE:
DEMOLISH BUILDING
NOS. 1 & 1A

LOCATION:
STATE OFFICE BUILDING CAMPUS
1220 WASHINGTON AVENUE
ALBANY, N.Y. 12226

CLIENT:
NEW YORK STATE
OFFICE OF GENERAL SERVICES

MARK	DATE	DESCRIPTION
	8/26/13	BID DOCUMENTS

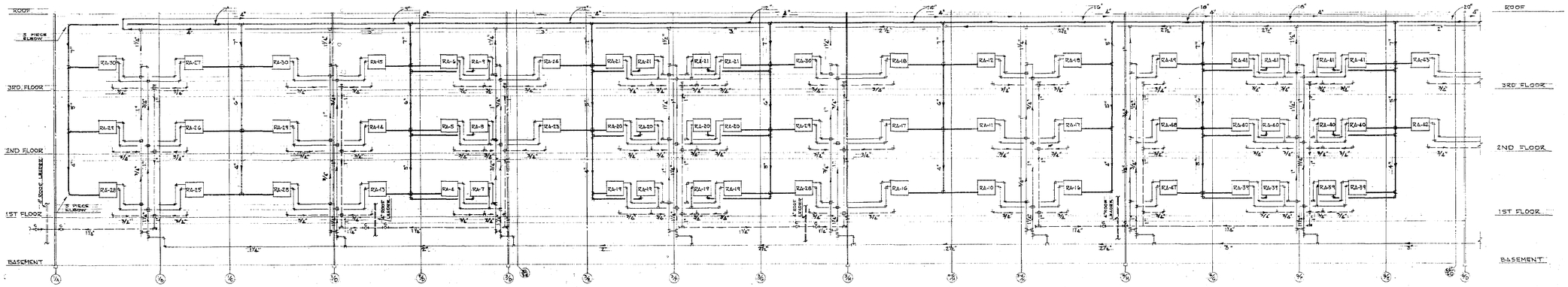
PROJECT NUMBER:	44845 – C
DESIGNED BY:	
DRAWN BY:	
FIELD CHECK:	
APPROVED:	

SHEET TITLE:
EXIST. HVAC REF. DWG.
EXTERIOR RISER DIAGRAM
NORTH ZONE

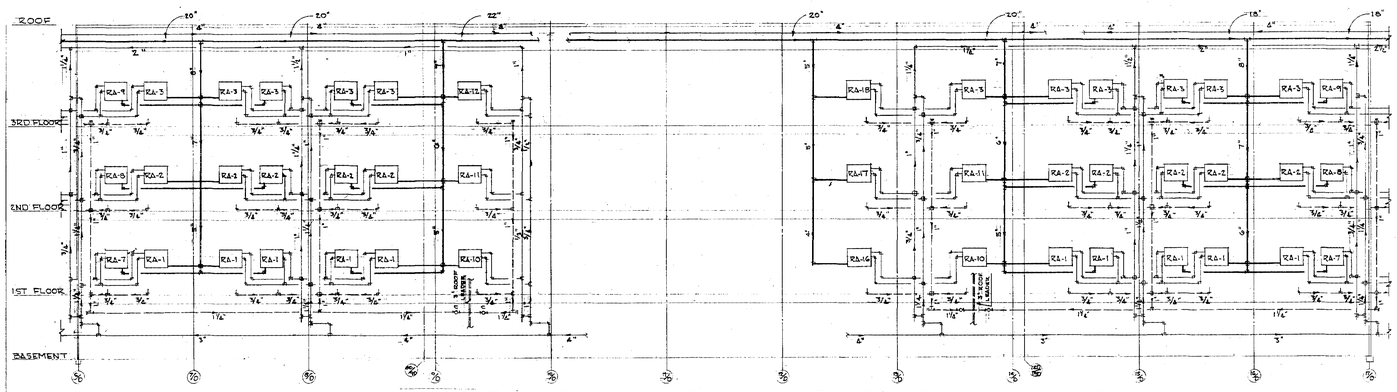
DRAWING NUMBER:
54–2008

SHEET OF

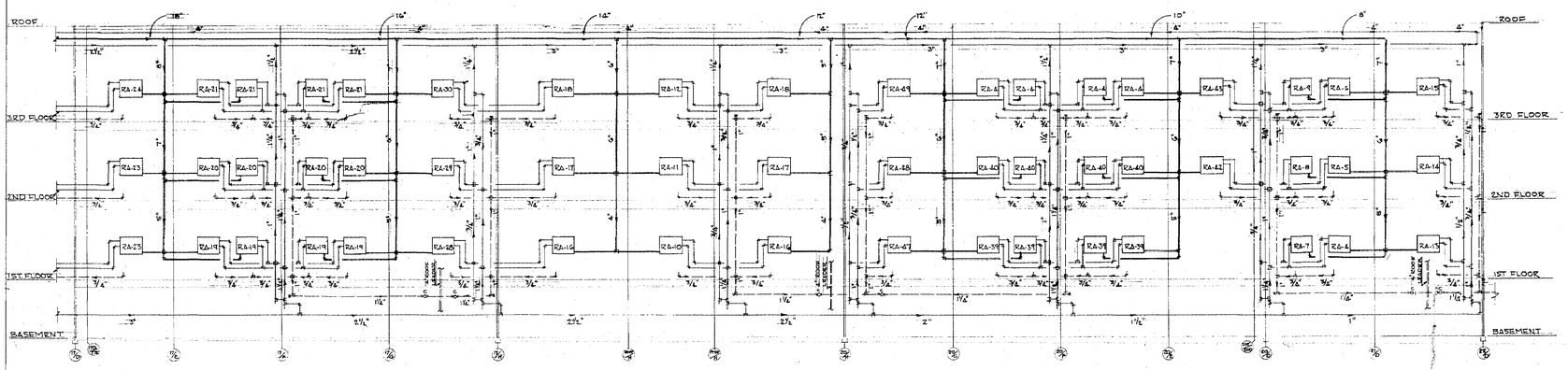
Sep 12,2013 - 9:49am
V:\Designs\Comsn\g-H-Bld\V\44845\Cad\Src\HVAC\54-2008.dwg
36x24 PLOT SHEET



SOUTH ZONE PERIMETER RISER DIAGRAM NO. S-1
NO SCALE



SOUTH ZONE PERIMETER RISER DIAGRAM NO. S-2
NO SCALE

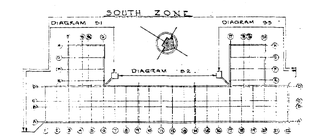


SOUTH ZONE PERIMETER RISER DIAGRAM NO. S-3
NO SCALE

SPECIAL SYMBOLS
THIS SHEET ONLY

CHILLED WATER SUPPLY & RETURN
ROUND DUCT HIGH VELOCITY
DRIP DRAIN
ROOF LEADERS BY OTHERS

NOTE:
NO VALVES SHOWN ON THESE RISER DIAGRAMS. SEE DETAILS FOR REQUIRED VALVES.



KEY PLAN
NO SCALE

SCANNED 2005

NOTE: DRAWING NOT TO SCALE

DEPARTMENT OF CIVIL SERVICE
STATE OFFICE BUILDING
CAMPUS SITE ALBANY NEW YORK

DRAWN BY J.L.O.	HEATING	PROJECT NO. 12978
TRACED BY C.V.A.	EXTERIOR RISER DIAGRAM SOUTH ZONE	SPECIFICATION NO. 18882
ELEVATIONS CHECKED BY J.L.O.	KENNETH G. REYNOLDS & ASSOCIATES ARCHITECTS ALBANY, NEW YORK	DATE AUG. 9, 1954
STRUCTURAL CHECKED BY	J.L. OTTENHEIMER CONSULTING ENGINEER ALBANY, NEW YORK	SCALE AS NOTED
FIELD CHECK BY ARCHT.	JOHN A. MAC CORMACK COMMISSIONER OF STANDARDS & PURCHASE	DRAWING NO. 54/2009
ENG.	STATE OF NEW YORK DEPARTMENT OF PUBLIC WORKS DIVISION OF CONSTRUCTION BERTRAM D. TALLAMY CORNELIUS J. WHITE SUPERINTENDENT STATE ARCHITECT	
APPROVED BY		
APPROVED DATE	AUG 26 1954	

NYS OFFICE OF GENERAL SERVICES
Serving New York
ANDREW M. CUOMO
Governor
ROANN M. DESTITO
Commissioner

CONSULTANT

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CONTRACT:
CONSTRUCTION

TITLE:
DEMOLISH BUILDING
NOS. 1 & 1A

LOCATION:
STATE OFFICE BUILDING CAMPUS
1220 WASHINGTON AVENUE
ALBANY, N.Y. 12226

CLIENT:
NEW YORK STATE
OFFICE OF GENERAL SERVICES

MARK	DATE	DESCRIPTION
	8/26/13	BID DOCUMENTS

PROJECT NUMBER: 44845 – C
DESIGNED BY:
DRAWN BY:
FIELD CHECK:
APPROVED:

SHEET TITLE:
EXIST. HVAC REF. DWG.
EXTERIOR RISER DIAGRAM
SOUTH ZONE

DRAWING NUMBER:
54–2009

SHEET OF

Sep 12,2013 – 9:47am
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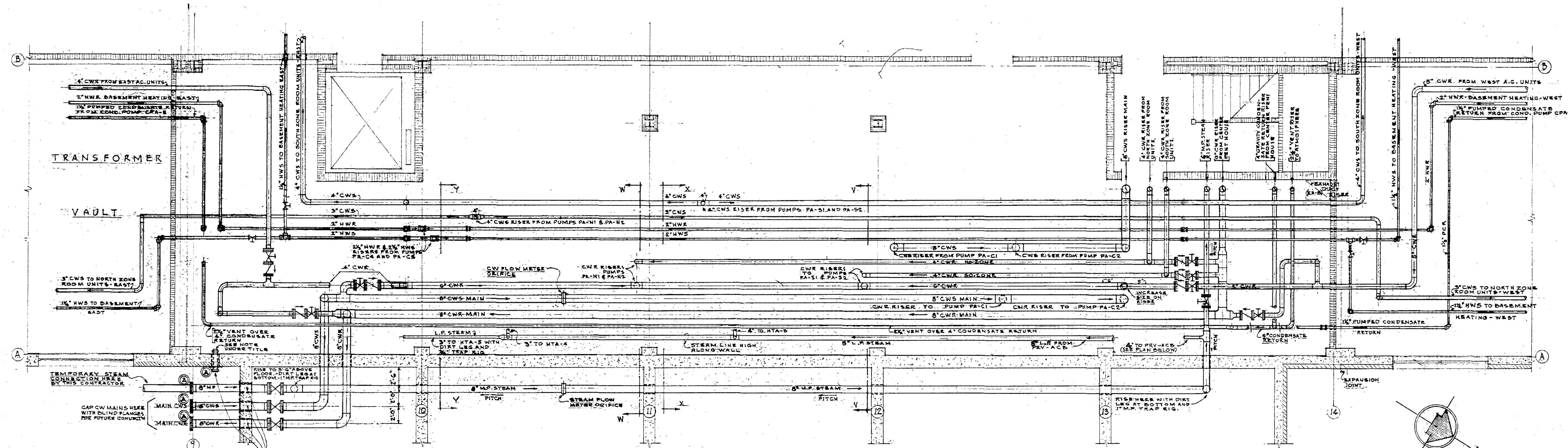
36x24 PLOT SHEET

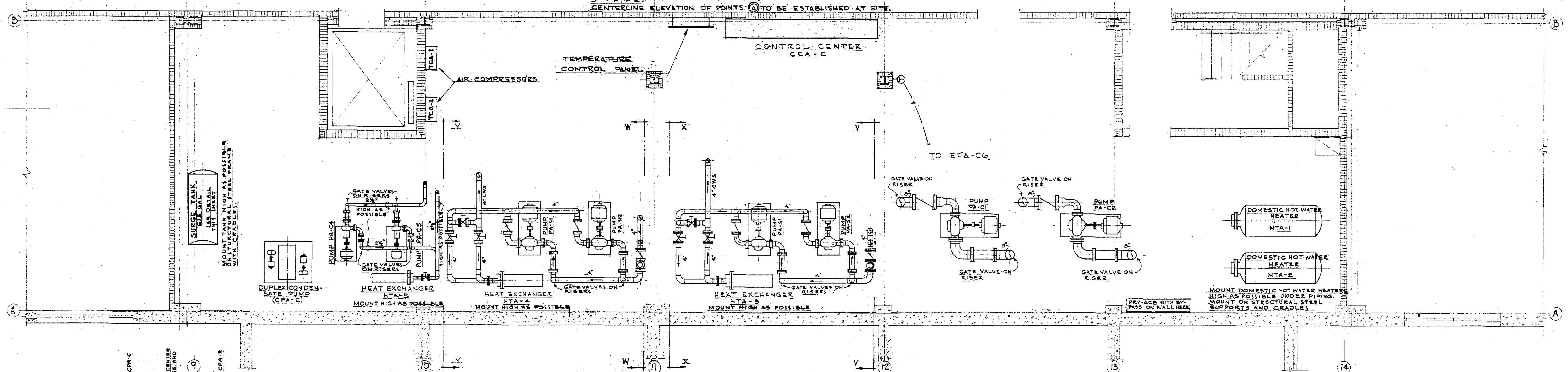


PIPING PLAN AT CEILING OF BASEMENT MACHINE ROOM

SCALE ¼" = 1'-0"

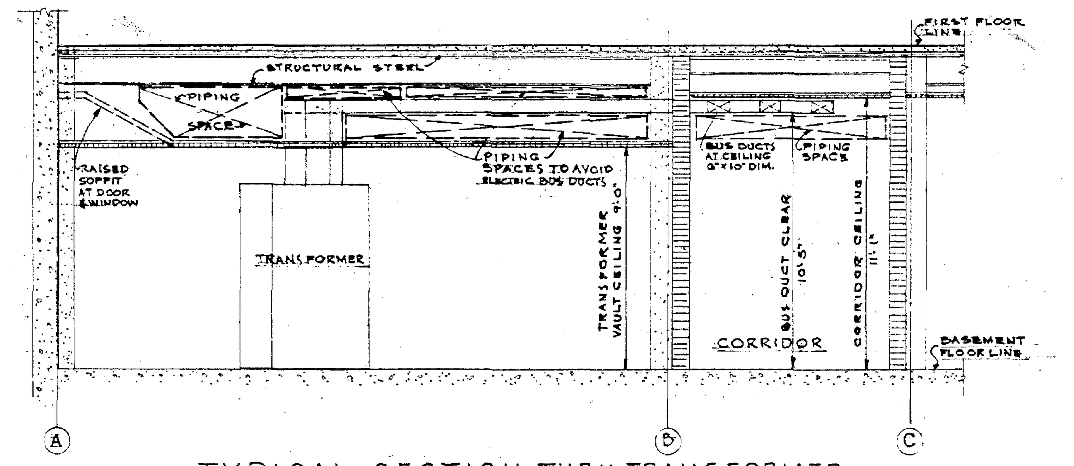
WHERE INDICATED AND AS LOCATED AT SITE, PLACE A 5"Φ EXTRA-HEAVY PIPE THROUGH WALL WITH WATERPROOFING SEAL. CAP BOTH ENDS OF 5"Φ PIPE.

CENTERLINE ELEVATION OF POINTS (A) TO BE ESTABLISHED AT SITE.



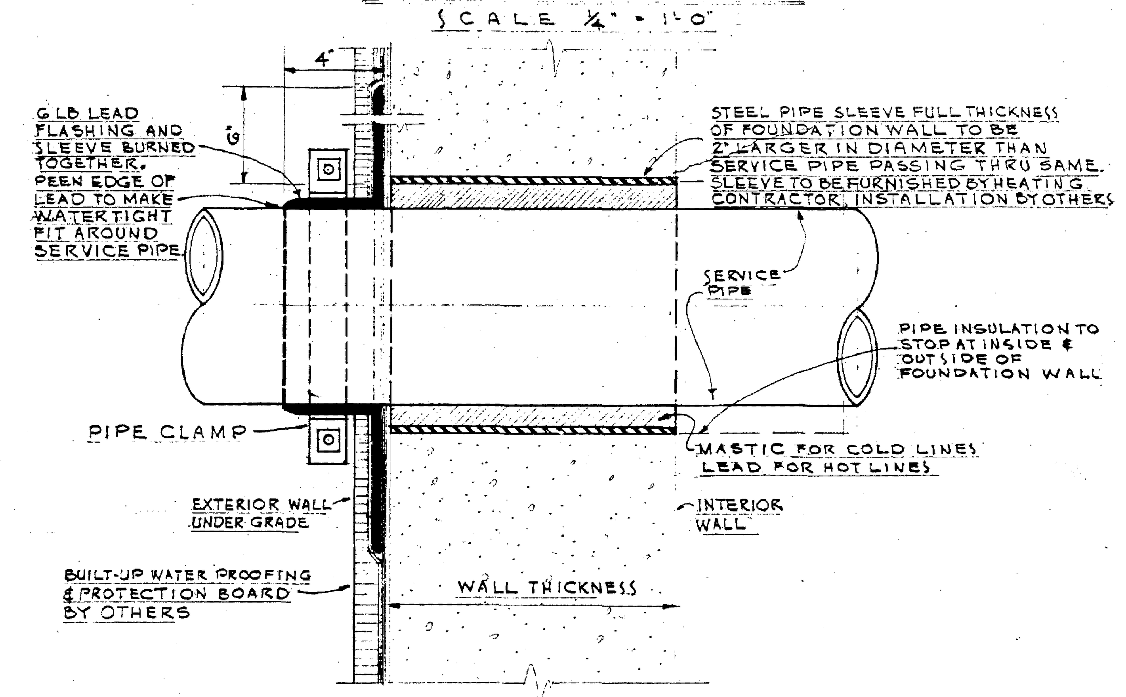
PLAN OF MACHINE ROOM UNDER CEILING PIPING

SCALE ¼" = 1'-0"



TYPICAL SECTION THRU TRANSFORMER VAULT SHOWING AREAS ABOVE CEILING AVAILABLE FOR HEATING CONTRACTOR'S PIPING INSTALLATION

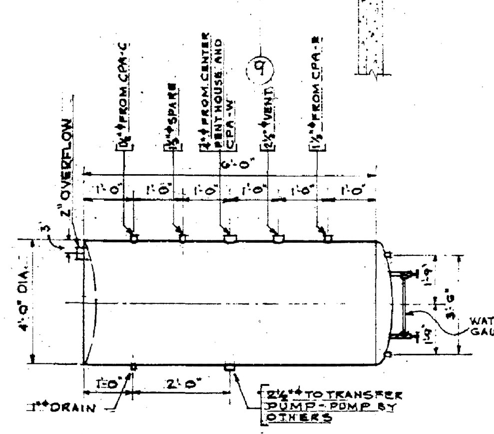
SCALE ¼" = 1'-0"



DETAIL OF WATERPROOFING SEAL

TYPICAL FOR ALL PIPES PASSING THRU EXTERIOR WALLS

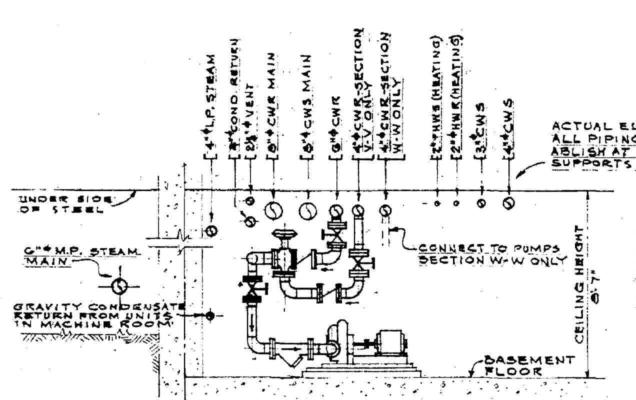
NO SCALE



SURGE TANK DETAILS

615 GAL. CAPACITY, 48" DIA., 72" LG WELDED GALVANIZED STEEL, EXTRA HEAVY, 100 LB. W.P., 220 LB. TEST PRESSURE.

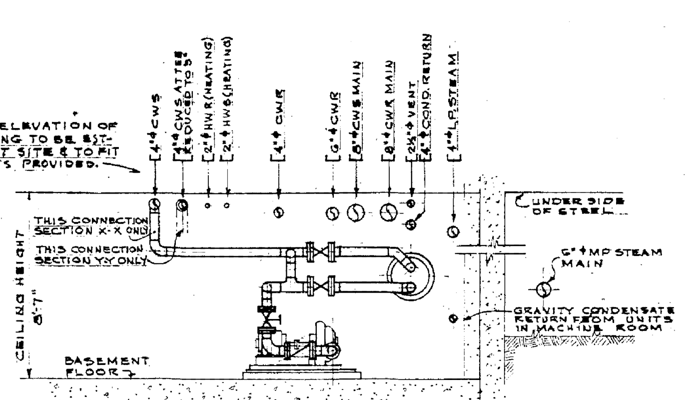
SCALE ½" = 1'-0"



SECTION V-V

SCALE ¼" = 1'-0"

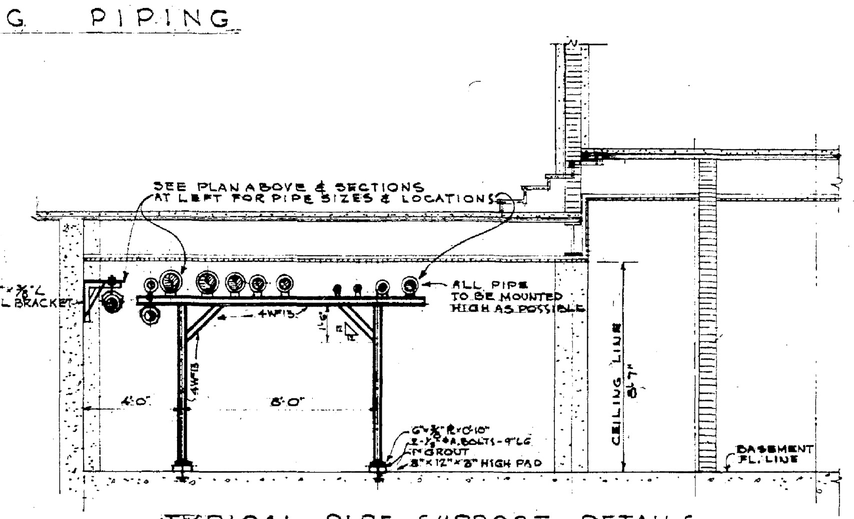
SECTION W-W SIMILAR



SECTION X-X

SCALE ¼" = 1'-0"

SECTION Y-Y SIMILAR



TYPICAL PIPE SUPPORT DETAILS

FOR MACHINE ROOM ONLY

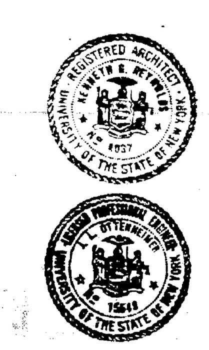
BRACKETS & SUPPORTS TO BE LOCATED AT LEAST EVERY 15'-0" OF PIPE RUN

SCALE ¼" = 1'-0"

Dwr 54/2010

DEPARTMENT OF CIVIL SERVICE STATE OFFICE BUILDING CAMPUS SITE ALBANY NEW YORK		
DRAWN BY J.L.O.	HEATING	PROJECT NO. 12978
TRACED BY P.E.N.	MACHINE ROOM PLAN & PIPING DETAILS	SPECIFICATION NO. 18882
DIMENSIONS CHECKED BY J.L.O.	KENNETH G. REYNOLDS & ASSOCIATES ARCHITECTS ALBANY, NEW YORK	DATE AUG. 9, 1954
STRUCTURAL CHECKED BY	J.L. OTTENHEIMER CONSULTING ENGINEER ALBANY, NEW YORK	SCALE AS NOTED
FIELD CHECK BY ARCH'T.	JOHN A. MAC CORMACK COMMISSIONER OF STANDARDS & PURCHASE	DRAWING NO.
ENG.	STATE OF NEW YORK DEPARTMENT OF PUBLIC WORKS DIVISION OF CONSTRUCTION BERTRAM D. TALLAMY SUPERINTENDENT CORNELIUS J. WHITE STATE ARCHITECT	54/2010
APPROVED BY		

APPROVED DATE AUG 26 1954 BLDG. # 1



SCANNED 2005

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PROJECT NUMBER: 44845 - C
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DRAWN BY:
FIELD CHECK:
APPROVED:

SHEET TITLE: EXIST. HVAC REF. DWG. MACHINE ROOM PLAN AND PIPING DETAILS

DRAWING NUMBER: 54-2010

SHEET OF

Sep 12,2013 – 9:52am
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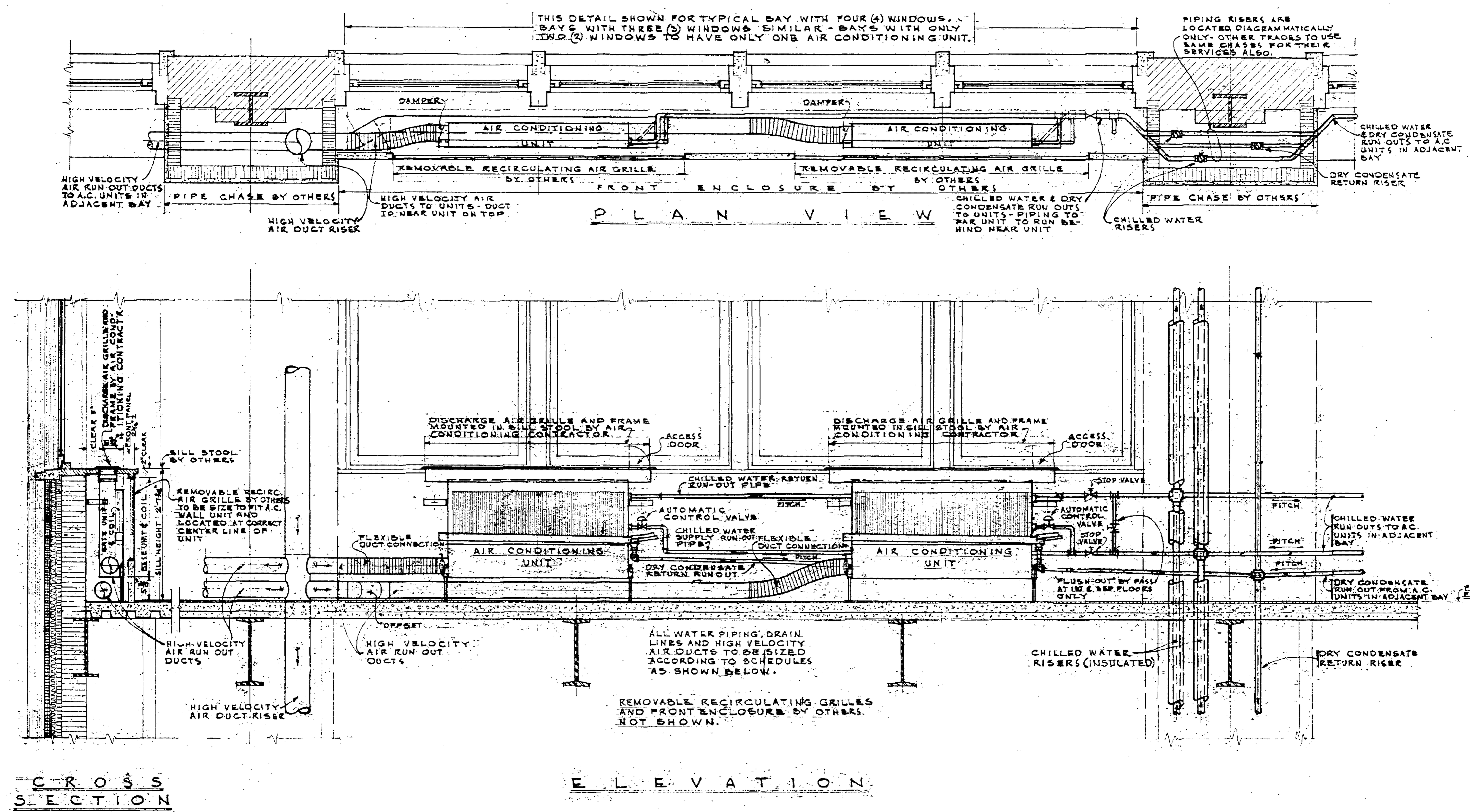


AIR CONDITIONING - TYPICAL BAY DETAILS

SHOWING PLAN, SECTION AND ELEVATION OF AIR CONDITIONING UNITS, HIGH VELOCITY AIR DUCTS, CHILLED WATER AND CONDENSATE PIPING, LOCATION OF VALVES, GRILLES, DAMPERS AND OTHER MISCL'N'S ITEMS

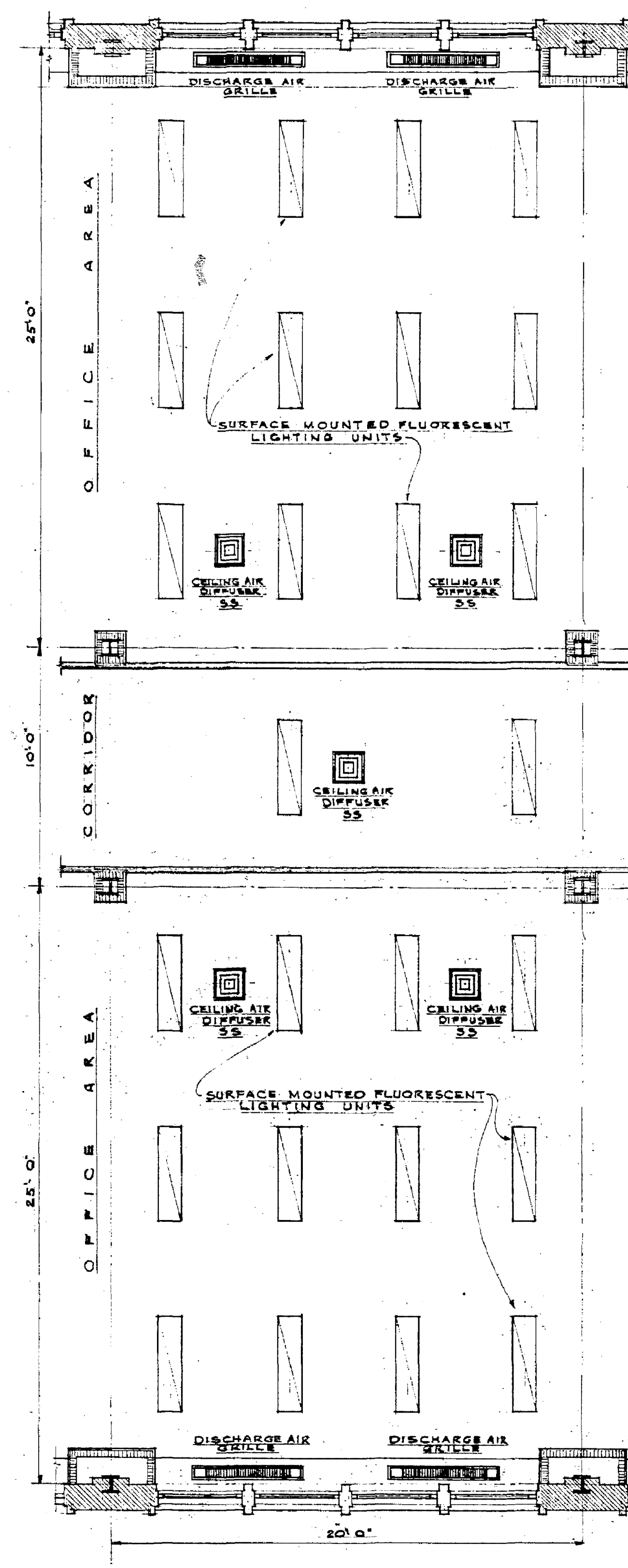
SCALE 3/4" = 1'-0"

SCHEDULE OF PIPE SIZES FOR CHILLED WATER RUNOUTS

G.P.M.	0 - 2	2 - 3.5	3.5 - 6	6 - 14
I.P.S.	1/2"	3/4"	1"	1 1/4"
DRY CONDENSATE RUN OUTS ARE ALL 3/4" - SEE RISER DIAGRAMS FOR RISER SIZES.				

SCHEDULE OF DUCT SIZES FOR HIGH VELOCITY RUN OUT DUCTS

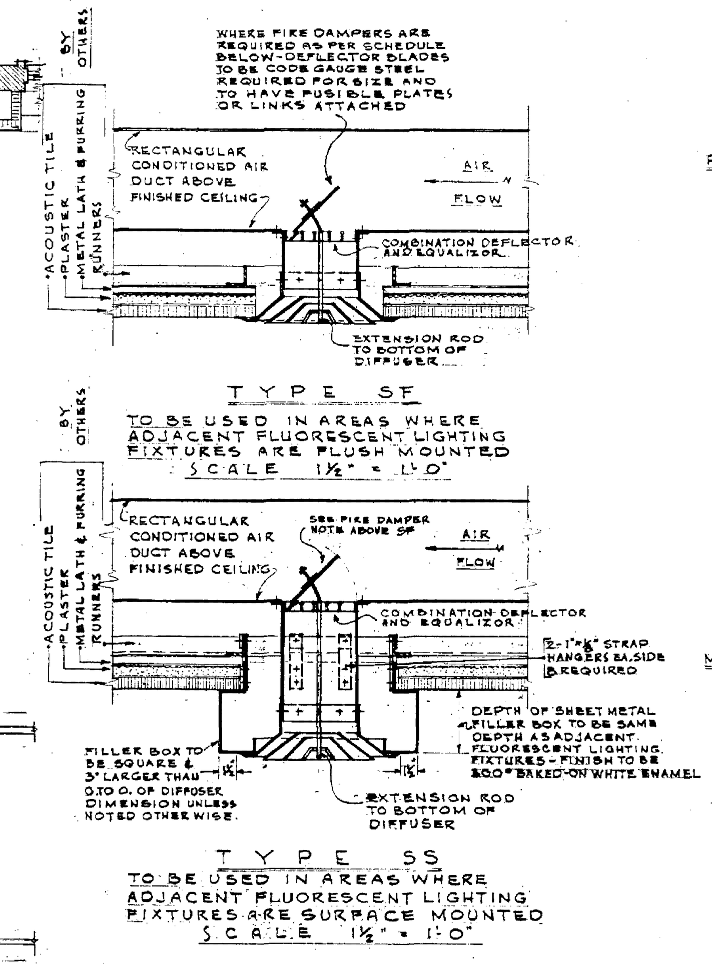
C.F.M.	0 - 90	90 - 180	180 - 320
DIAMETER	3"	4"	5"
SEE RISER DIAGRAM FOR RISER SIZES			



PLAN-TYPICAL BAY OF BUILDING

SHOWING AIR CONDITIONING OUTLETS (GRILLES & DIFFUSERS) IN RELATION TO ARCHITECTURAL DETAILS AND FLUORESCENT LIGHTING LAYOUT

SCALE 1/4" = 1'-0"



TYPICAL DETAILS - CEILING AIR DIFFUSERS

SCHEDULE OF SUPPLY AIR AT CEILING DIFFUSERS

SUPPLY DIFFR No.	C.F.M.	THROW FEET	RESISTANCE IN W.G.	NECK VEL. F.P.M.	COMBINATION No.	ANEMOSTAT No. ●	FINISH	SHAPE
SF-1	100	5	0.07	800	(2)	12.5-E1	SATIN AL.	SQUARE
SS-1	100	5	0.07	800	(1)	12.5-E1	Do	Do
SF-2	200	5	0.12	1000	(2)	15-E1	Do	Do
SS-2	200	5	0.12	1000	(1)	15-E1	Do	Do
SF-3	250	5	0.03	800	(2)	20-E1	Do	Do
SS-3	250	5	0.03	800	(1)	20-E1	Do	Do
SF-4	300	10	0.05	900	(2)	20-E1	Do	Do
SS-4	300	10	0.05	900	(1)	20-E1	Do	Do
SF-5	200	10	0.05	1000	(3)	15-C1	Do	ROUND
SF-6	100	10	0.05	1000	(3)	12.5-C1	Do	Do
SF-7	50	5	0.015	700	(2)	10-E1	Do	SQUARE
SS-7	50	5	0.015	700	(1)	10-E1	Do	Do
SF-8	1650	30	0.08	750	(4)	50-B	Do	ROUND

NOTES

- ● THESE CATALOG NUMBERS TO BE USED AS A STANDARD OF QUALITY AND PERFORMANCE.
- (1) SURFACE CEILING MOUNTING WITH FIRE DAMPERS, VOLUME CONTROL AND DIFFUSION PATTERN CONTROL DEVICES.
- (2) FLUSH CEILING MOUNTING WITH FIRE DAMPER, VOLUME CONTROL AND DIFFUSION PATTERN CONTROL DEVICES.
- (3) SURFACE MOUNTING ON DUCT WITH VOLUME AND PATTERN CONTROL DEVICES.
- (4) TO HAVE TWO VOLUME & DIFFUSION CONTROL DEVICES; EACH ANEMOSTAT CORP., TYPE "ED" OR EQUAL.

SYMBOLS

PIPING

- CHILLED WATER - SUPPLY — CWS —
- CHILLED WATER - RETURN — CWR —
- HEATING WATER - SUPPLY — HWS —
- HEATING WATER - RETURN — HWR —
- STEAM - M.P. 70 P.S.I.G.
- STEAM - L.P. 5 P.S.I.G.
- DRY CONDENSATE RETURN — D —
- RETURNS - M.P.
- L.P.
- PUMPED
- AIR PIPING — A —

MISCELLANEOUS

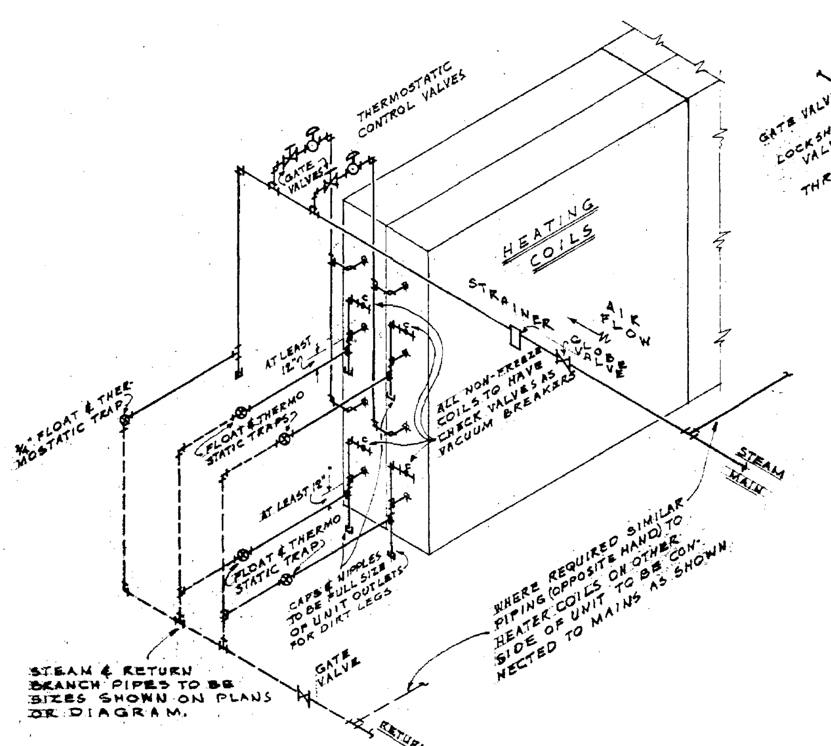
- THERMOSTAT
- METER
- PRESSURE GAUGE
- THERMOMETER
- METER ORIFICE

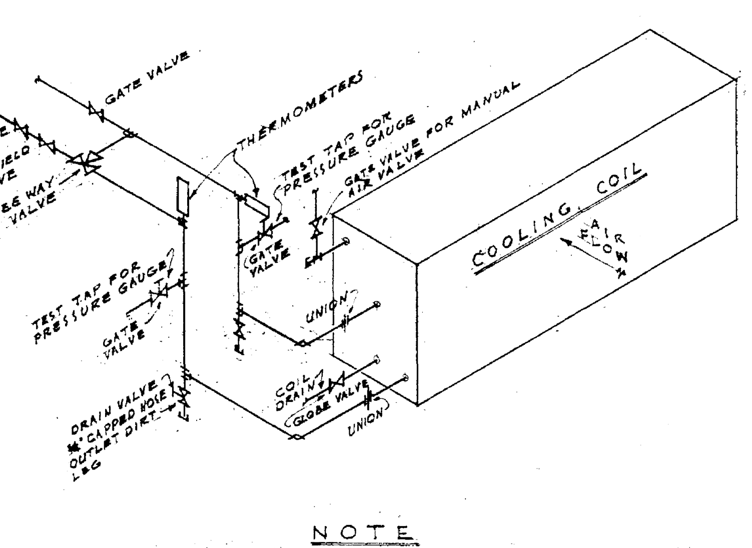
VALVES AND FITTINGS

- VALVE, MANUAL
- Do
- CHECK VALVE, SWING
- LOCK SHIELD, VALVE
- AUTOMATIC REGULATING VALVES
  - TWO WAY
  - THREE WAY
- RELIEF VALVES
  - AIR
  - PRESSURE
  - PRESSURE & TEMPERATURE
- TRAPS (PLAN / ELEV.)
  - F & T.
  - THERMOSTATIC
  - H.P. BUCKET
- TRAP RIG
- ANCHOR
- FITTINGS (PLAN / ELEV.)
  - ELBOW
  - TEE
  - UNION
  - STRAINER
- PRESURE REDUCING VALVE (PRV.)

DUCTS

- DUCT - PLAN (SIZE W" x D", FLOW)
- DAMPERS - SPLITTER
- VOLUME &/or FIRE AS NOTED
- GUILLOTINE FIRE DAMPER (PLAN / SECT.)
- CANVAS CONNECTION
- VANES
- FAN & MOTOR WITH BELT GUARD
- ROOF VENT (PLAN)
- ROOF FAN (PLAN)
- DAMPER DESIGNATIONS
  - FIRE DAMPER — F. D.
  - MANUAL DAMPER — M. D.
  - AUTOMATIC DAMPER — A. D.
- DAMPER AND/or VALVE DESIGNATIONS
  - NORMALLY OPEN — N. O.
  - NORMALLY CLOSED — N. C.
- DUCT - SECTION - SUPPLY AIR
- RETURN AIR
- EXHAUST AIR
- OUTSIDE AIR
- RETURN REGISTER
- OUT DOOR LOUVER
- CEILING DIFFUSE (SS-1, 100 CFM)
- CEILING EXHAUSTS OR RETURN GRILLES
  - WITHOUT REGISTER OR FIRE DAMPER (CG, 12"x24", 700 CFM)
  - WITH REGISTER WITHOUT FIRE DAMPER (CG-CR, 12"x24", 700 CFM)
  - WITH REGISTER HAVING FUSIBLE LINK FOR FIRE (CG-CR-FD, 12"x24", 700 CFM)
- WALL EXHAUSTS OR RETURN GRILLES
  - WITHOUT REGISTER OR FIRE DAMPER (WG, W"xH", 700 CFM)
  - WITH REGISTER WITHOUT FIRE DAMPER (WG-WR, W"xH", 700 CFM)
  - WITH REGISTER HAVING FUSIBLE LINK FOR FIRE (WG-WR-FD, W"xH", 700 CFM)
- HEATING UNITS
  - CONVECTOR, RECESSED
  - STEEL FIN RADIATION
  - ROOM AIR CONDITIONING UNIT (RA-1)
  - UNIT HEATER





NOTE

1. ALL HORIZONTAL BRANCH PIPES BETWEEN COILS AND VERTICAL HEADERS SHALL BE COIL CONNECTION SIZES.
2. ALL VERTICAL HEADERS (FROM HIGH POINT TO BOTTOM DRAIN POINT) TO COILS SHALL BE SAME SIZE AS BRANCH CONNECTIONS FROM CHILLED WATER SUPPLY & RETURN MAINS.
3. EACH ROW OF WATER COILS SHALL BE INDIVIDUALLY DRAINABLE.

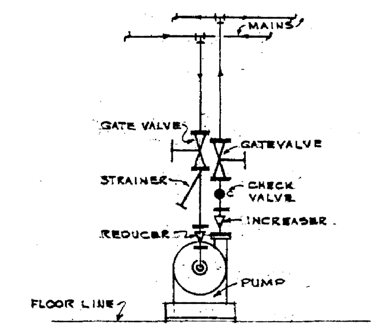
TYPICAL STEAM AND RETURN CONNECTIONS AT INDIRECT AIR CONDITIONING UNITS

NO SCALE

PREHEAT COILS TO HAVE DOUBLE PARALLEL FULL RATED TRAPS

TYPICAL CHILLED WATER CONNECTIONS AT INDIRECT AIR CONDITIONING UNITS

NO SCALE

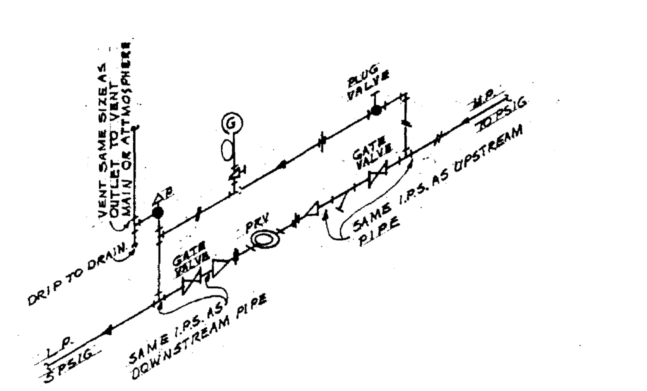


DETAIL OF TYPICAL PIPING CONNECTIONS AT PUMPS FOR CHILLED WATER

NO SCALE

NOTE

GATE VALVES, CHECK VALVES AND STRAINER TO BE SAME SIZE AS PIPE CONNECTION AT MAINS.



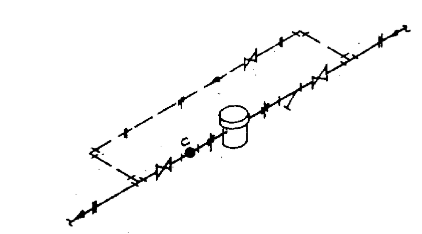
TYPICAL PIPING AT PRESSURE REDUCING ASSEMBLY

NOTES - 1. FOR SIZE OF PRV., SEE DIAGRAM, PLAN, OR SCHEDULE

2. RELIEF VALVE TO BE SET AT 15 P.S.I.G. AND RATED TO RELIEVE EQUIVALENT CAPACITY OF P.R.V.

3. BY-PASS TO BE SAME SIZE AS UPSTREAM PIPE

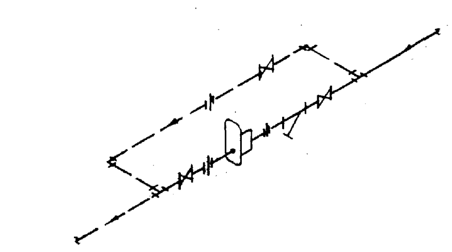
NO SCALE



TYPICAL M.P. TRAP RIG

SEE RISER DIAGRAM FOR SIZES REQ.

NO SCALE



TYPICAL L.P. FLOAT & THERMOSTATIC TRAP RIG

SEE RISER DIAGRAM FOR SIZES REQ

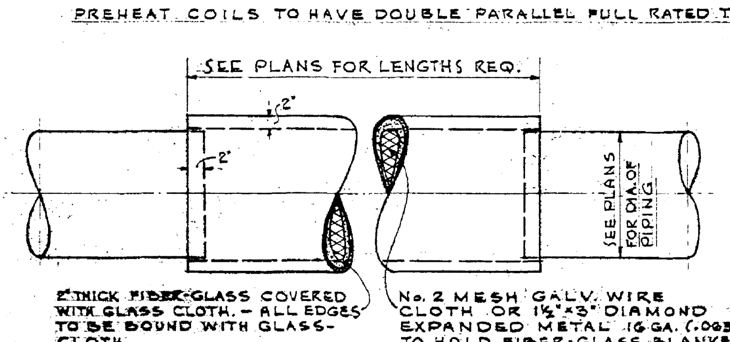
NO SCALE

BASIS OF DESIGN

SUMMER	OUTDOOR	INDOOR	WINTER	OUTDOOR	INDOOR
D.B. DESIGN TEMP.	95°F	80°F	DESIGN TEMP.	-10°F	72°F
W.B. DESIGN TEMP.	75°F	65°F	WIND (NORTHWEST)	15 M.P.H.	
RELATIVE HUMIDITY	40%	45%			
WIND (SOUTH)	10 M.P.H.				

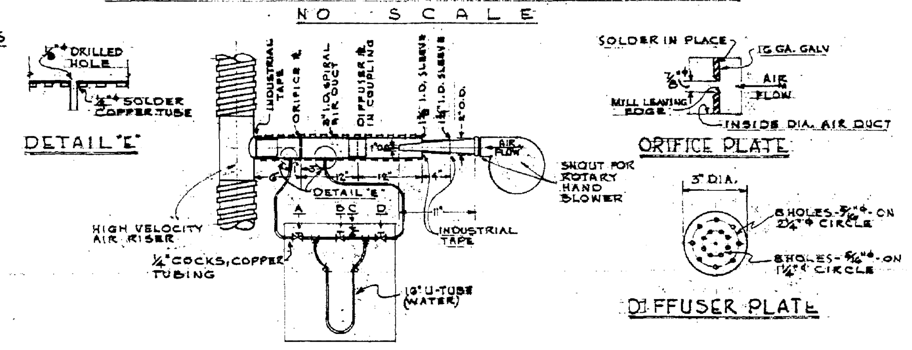
GENERAL UTILITIES

DOMESTIC COLD WATER	25 TO 35 P.S.I.G.
MEDIUM PRESSURE STEAM	70 P.S.I.G.
COMPRESSED AIR (TEMPERATURE CONTROL)	13, 15 & 17 P.S.I.G.
ELECTRIC: LIGHTING	120/208 V., 3Φ, 60~, S.N.
MOTORS - UNDER 1/2 HP. (UNLESS NOTED OTHERWISE)	120 V., 1Φ, 60~
MOTORS - OVER 1/2 HP.	208 V., 3Φ, 60~



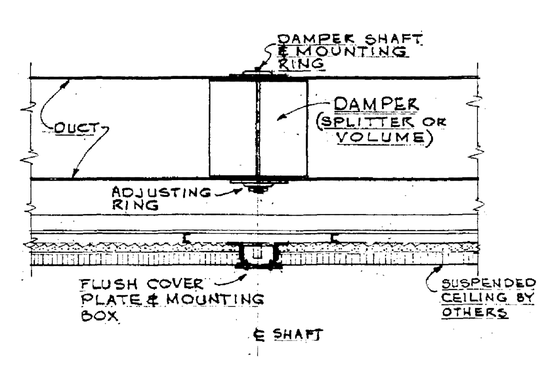
TYPICAL DETAIL SOUND ABSORBER FOR PRIMARY AIR HIGH VELOCITY AIR SYSTEM

NO SCALE



TYPICAL DETAILS METHOD OF TESTING PRIMARY AIR DUCTS

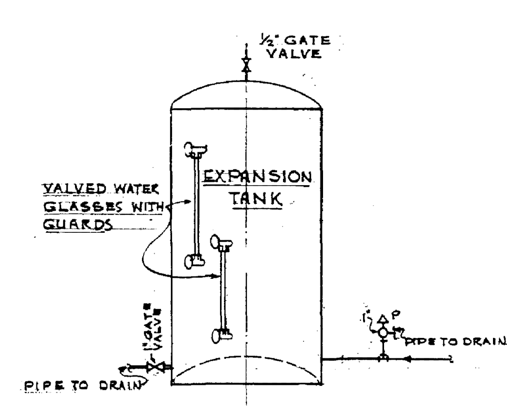
NO SCALE



TYPICAL DETAILS OF CONCEALED DAMPER ADJUSTING ARRANGEMENT

FOR USE IN FINISHED AREAS - PARTS TO BE AS MANUFACTURED BY YOUNG REGULATOR Co. OR EQUAL.

SCALE 1 1/2" = 1'-0"



TYPICAL PIPING AT CLOSED OR PRESSURE TYPE EXPANSION TANK

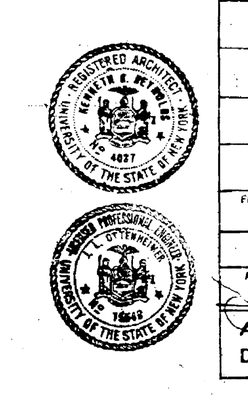
NOTES - 1. TANK TO BE SIZE SHOWN UPON DRAWINGS OR SCHEDULES.

2. INCOMING I.P.S TO BE AS SHOWN UPON DRAWINGS OR DIAGRAMS.

NO SCALE

NOTE: DRAWING NOT TO SCALE

SCANNED 2005



DEPARTMENT OF CIVIL SERVICE STATE OFFICE BUILDING CAMPUS SITE ALBANY NEW YORK		
DRAWN BY J.L.O.	HEATING	PROJECT NO. 12978
TRACED BY P.E.N.	TYPICAL DETAILS SHEET No. 1	SPECIFICATION NO. 18682
DIMENSIONS CHECKED BY J.L.O.	KENNETH G. REYNOLDS & ASSOCIATES ARCHITECTS ALBANY, NEW YORK	DATE AUG. 9, 1954
STRUCTURAL CHECKED BY	J.L. OTTENHEIMER CONSULTING ENGINEER ALBANY, NEW YORK	SCALE AS NOTED
FIELD CHECK BY ARCH'T.	JOHN A. MAC CORMACK COMMISSIONER OF STANDARDS & PURCHASE	DRAWING NO. 54/2011
ENG.	STATE OF NEW YORK DEPARTMENT OF PUBLIC WORKS DIVISION OF CONSTRUCTION	
APPROVED BY	BERTRAM D. TALLAMY SUPERINTENDENT; CORNELIUS J. WHITE STATE ARCHITECT	
APPROVED DATE AUG 26 1954	BLDG # 1	BLD# 1

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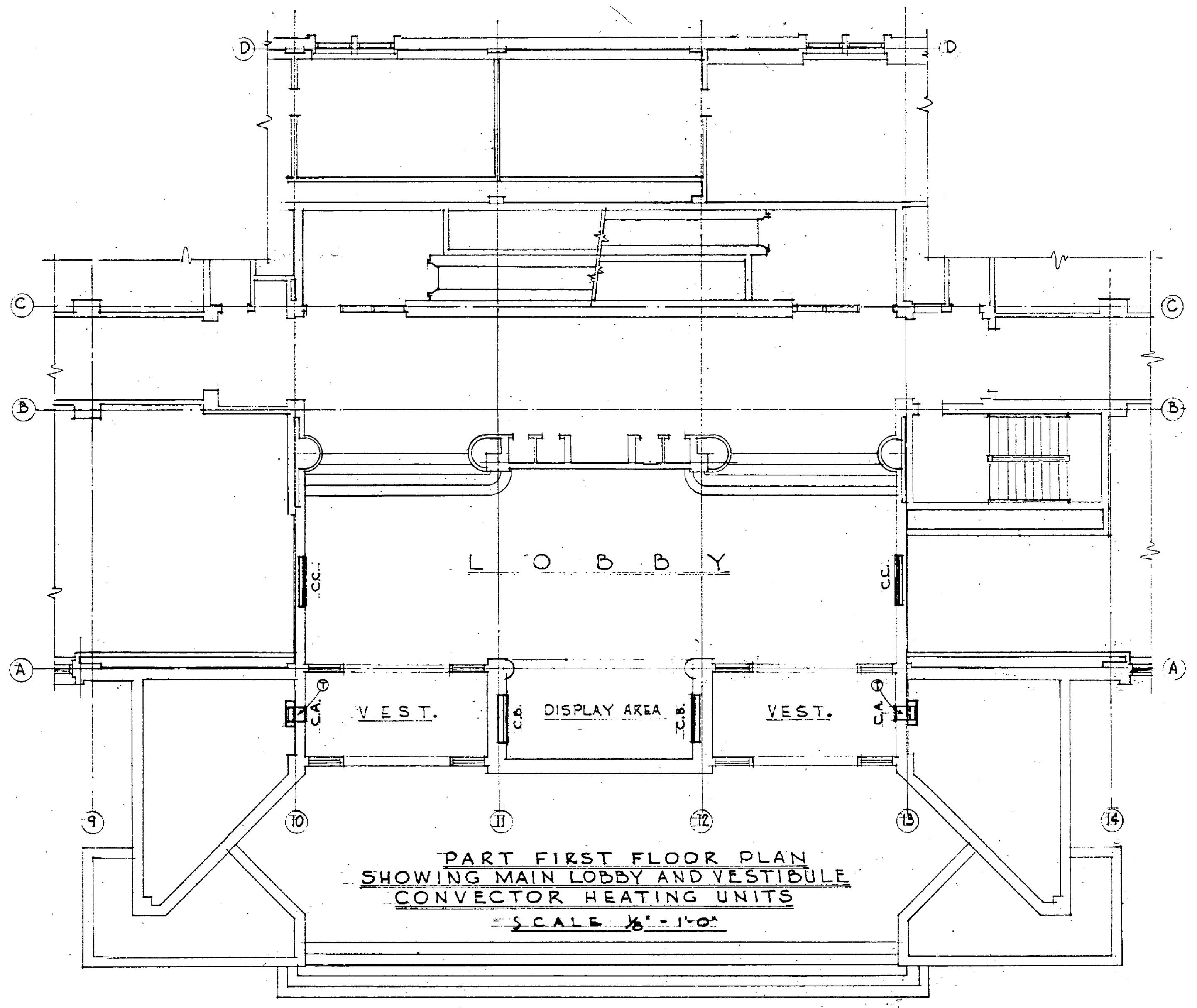
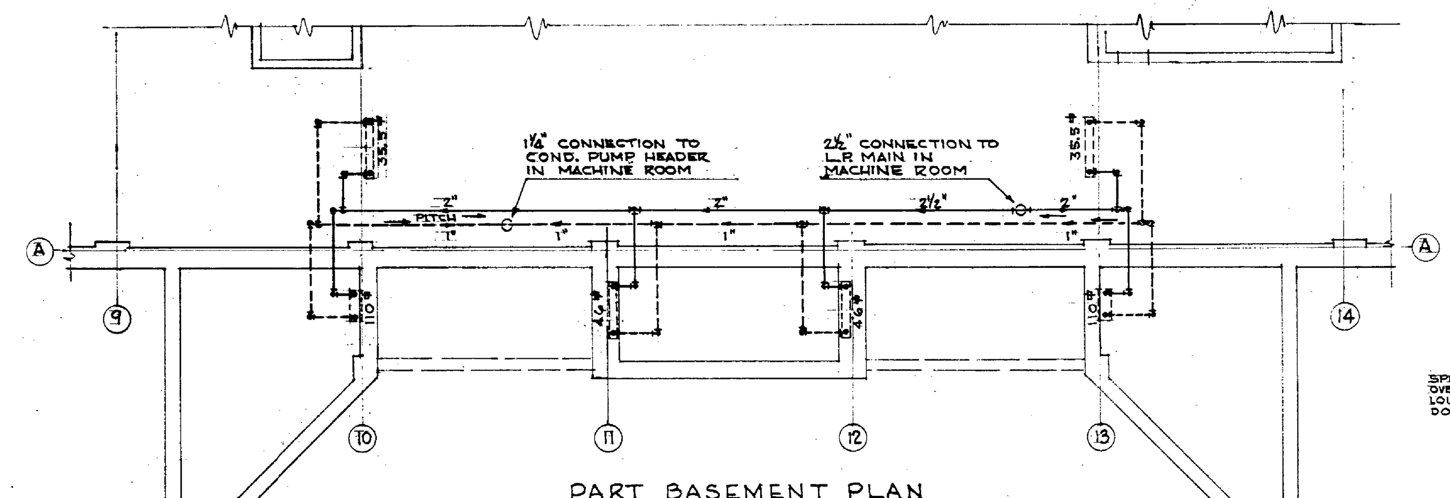
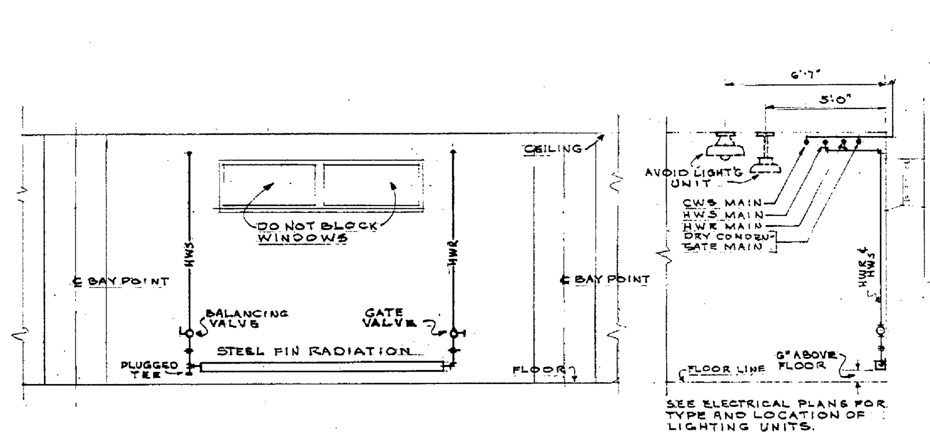


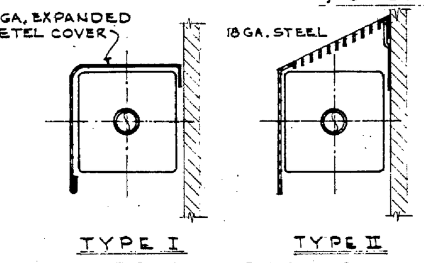
PART FIRST FLOOR PLAN
SHOWING MAIN LOBBY AND VESTIBULE
CONVECTOR HEATING UNITS
SCALE 1/8" = 1'-0"



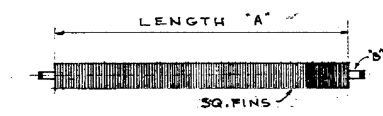
PART BASEMENT PLAN
SHOWING PIPING TO LOBBY & VESTIBULE
CONVECTORS
SCALE 1/8" = 1'-0"



TYPICAL PIPING DETAILS TO BASEMENT
STEEL FIN RADIATION
SCALE ¼" = 1'-0"



COVER DETAILS



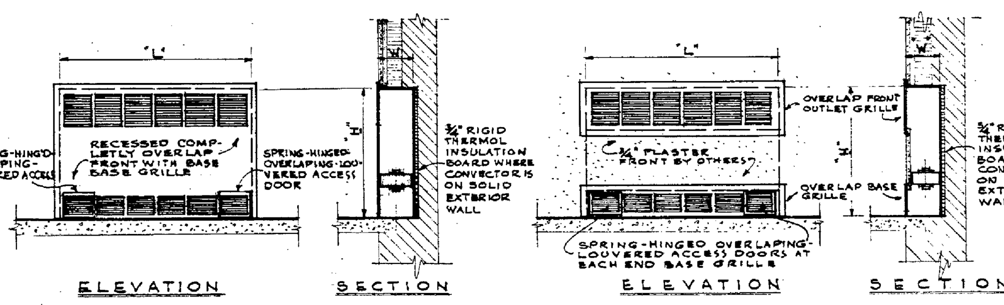
TYPICAL FIN RADIATOR UNIT
NO SCALE

TYPICAL FIN RADIATOR DETAILS

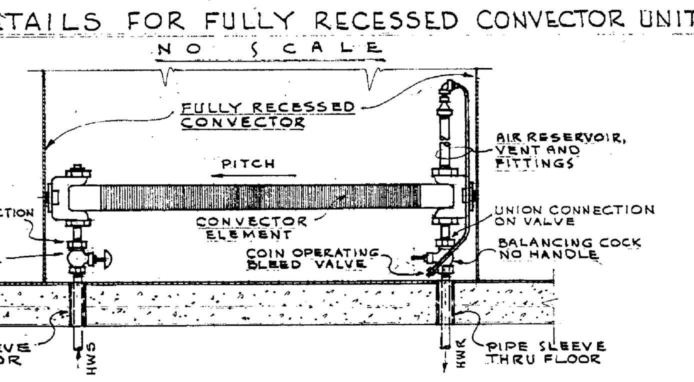
SCHEDULE OF STEEL FIN RADIATORS

RADIATOR NUMBER	B.T.U. * T.O.T.	B.T.U. * PER FT.	FINS SIZE	FINS No. PER FT.	LENGTH A	I.P.S. B	TYPE COVER
SF-1	9250	1025	4¼"×4¼"	32	9'-0"	1¼"	I
SF-2	5130	1025	4¼"×4¼"	32	5'-0"	1¼"	I
SF-3	10450	950	4¼"×4¼"	32	11'-0"	1¼"	II
SF-4	4750	950	4¼"×4¼"	32	5'-0"	1¼"	II
SF-5	31.0 ♦	6.2 ♦	4¼"×4¼"	32	5'-0"	1¼"	I
SF-6	74.5 ♦	6.2 ♦	4¼"×4¼"	32	12'-0"	1¼"	I

* B.T.U. RATING BASED ON 180°F. WATER, 20° DROP, 65° ENTERING AIR. STEEL FIN RADIATORS, ENCLOSURES, HANGERS AND ACCESSORIES TO BE VULCAN RADIATOR CO., STYLE "X" OR STYLE "CS" AS SHOWN IN SCHEDULE, OR APPROVED EQUAL.
♦ THESE STEEL FIN RADIATORS ARE FOR STEAM, RATED AT 65°F. ENTERING AIR, STEAM 1 P.S.I.G., RATING IS ♦ E.D.R.



TYPICAL DETAILS FOR FULLY RECESSED CONVECTOR UNITS
NO SCALE

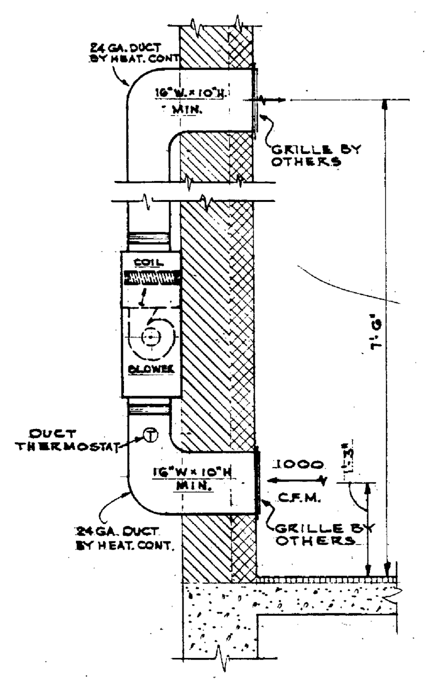


TYPICAL PIPING DETAILS TO FULLY RECESSED
CONVECTOR UNITS
NO SCALE

SCHEDULE OF RECESSED CONVECTORS

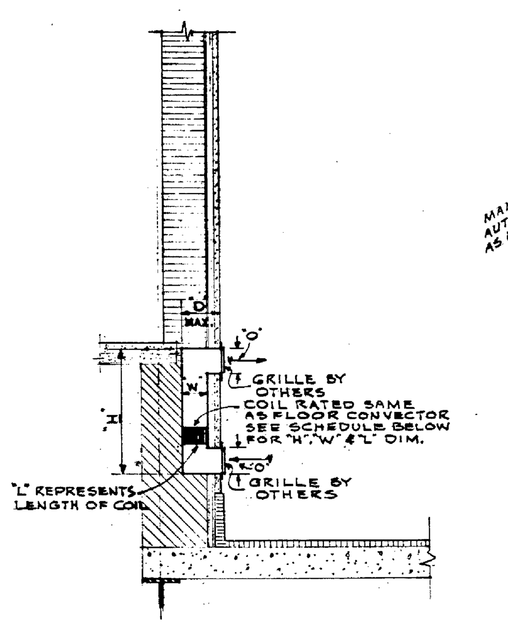
CONVECTOR NUMBER	RATING Mbh *	DIMENSIONS "L"	DIMENSIONS "H"	DIMENSIONS "W"	TYPE OF FRONT	U.S. RADIATOR TYPE ✗
C-1	10.7	64"	32"	6"	OVERLAP	RCB
C-2	6.4	56"	32"	4"	OVERLAP	RCB
C-3	7.3	56"	20"	6"	PLASTER	PB
C-4	4.6	36"	20"	6"	PLASTER	PB
C-5	2.5	28"	20"	4"	PLASTER	PB
C-6	9.9	56"	20"	8"	OVERLAP	RCB
C-7	9.9	56"	20"	8"	PLASTER	PB
C-8	3.3	36"	20"	4"	PLASTER	PB

* BASED ON 180°F. WATER, 20° DROP, ENTERING AIR 65°F.
✗ U.S. RADIATOR CO. TYPE INDICATED AS STANDARD; EQUIVALENT WILL BE ACCEPTED UPON APPROVAL.
ALL CONVECTORS TO HAVE TOP AND BOTTOM GRILLES. - BOTTOM GRILLES TO HAVE ACCESS OPENINGS FOR VALVE ADJUSTMENT.
CONVECTORS TO HAVE AIR RESERVOIRS WITH TUBE & COIN OPERATED BLEED VALVE.



DETAIL FOR TYPE CA FAN
OPERATED STEAM CONVECTOR
SCALE ¾" = 1'-0"

RATING - 1000 C.F.M., 110 ♦ E.D.R. WITH 65°F. ENTERING AIR, STEAM AT 2 P.S.I.G.
1/20 HP MOTOR, 120 V. 1 Φ, 60~.
TO BE MODINE CO. MODEL 120 SD, TYPE BT; OR APPROVED EQUAL.

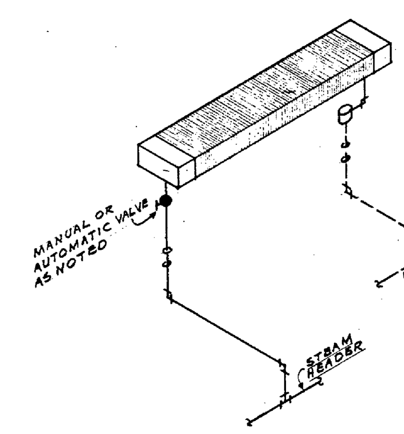


TYPICAL DETAIL FOR
TYPE CB & CC CONVECTORS
NO SCALE

SCHEDULE OF STEAM
CONVECTORS No. CB & CC

CONVECTOR UNIT	♦ * E.D.R.	L	H	W	O	D
C.B.	46.0	56"	20"	6"	4"	8"
C.C.	33.5	56"	20"	4"	4"	6"

* RATING IS BASED ON COIL FOR FLOOR CONVECTOR OF SAME L, W, H, AT 65°F. ENTERING AIR AND STEAM AT 2 P.S.I.G. COIL TO BE MODINE CO., TYPE IF OR EQUAL.

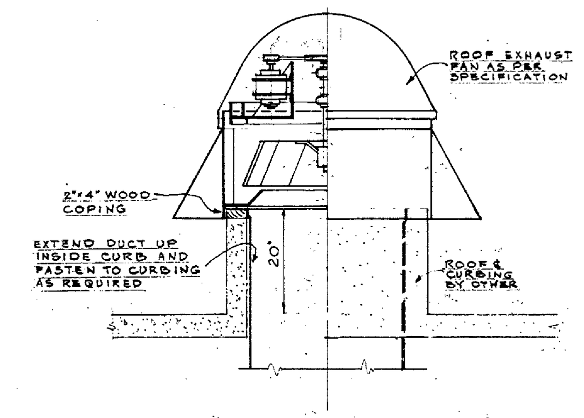


TYPICAL PIPING CONNECTIONS
TO STEAM CONVECTORS
NO SCALE

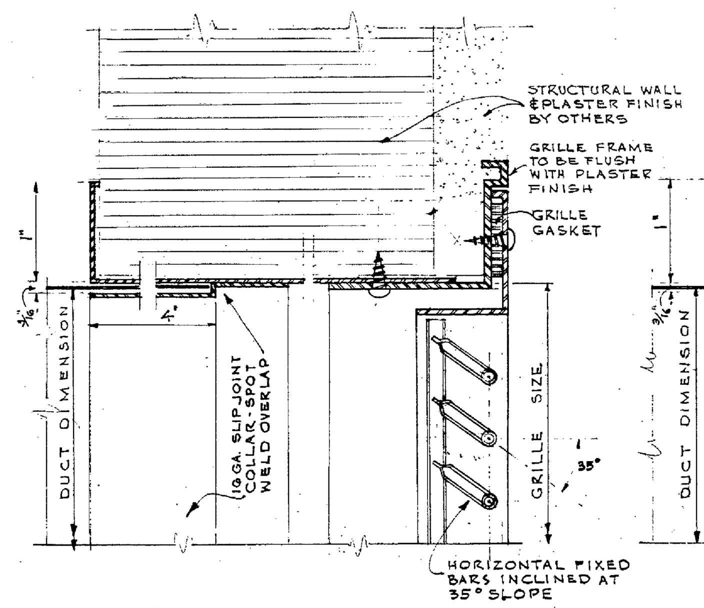
SCHEDULE OF RUNOUT
PIPES, VALVES AND TRAPS
FOR STEAM CONVECTORS

♦ E.D.R.	RUNOUTS STEAM	RUNOUTS RETURN	MANUAL VALVE	TRAP
0 - 30	1"	½"	1"	½"
30 - 60	1¼"	¾"	1¼"	½"
60 - 120	1½"	¾"	1½"	¾"

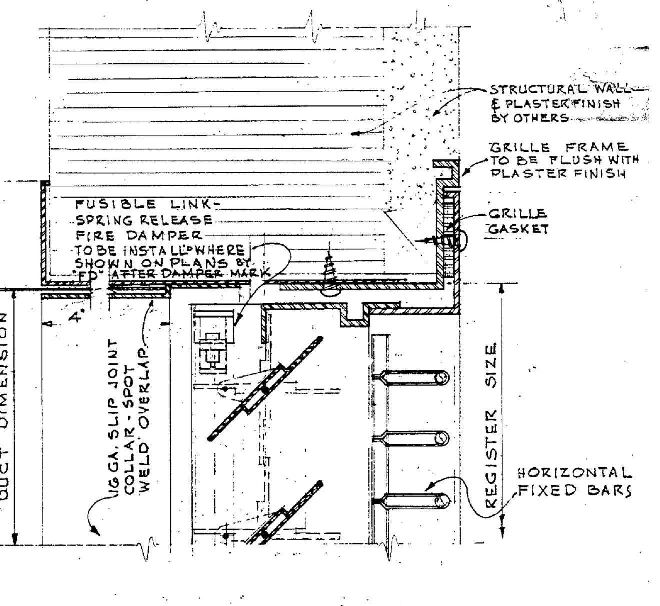
AUTOMATIC VALVES TO BE SIZED BY VALVE MANUFACTURERS RATING.



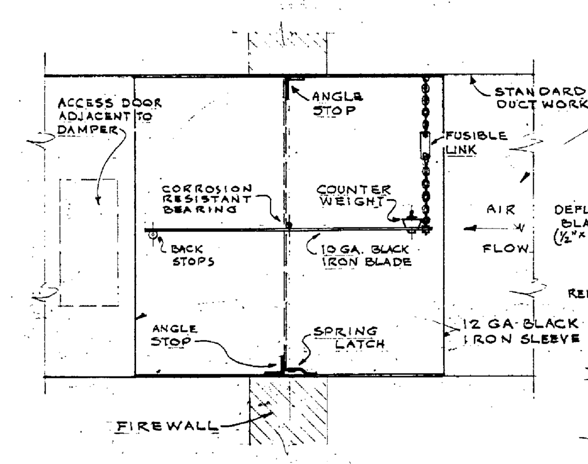
TYPICAL DETAIL
ROOF EXHAUST FAN
NO SCALE



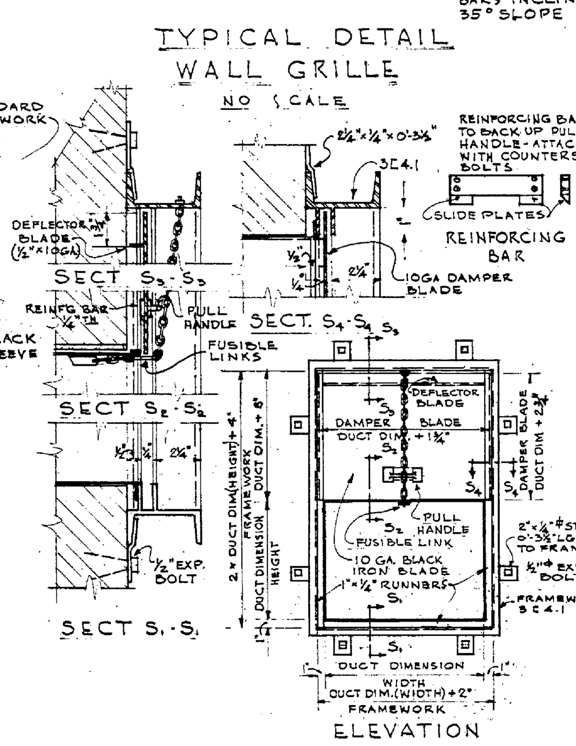
TYPICAL DETAIL
WALL GRILLE
NO SCALE



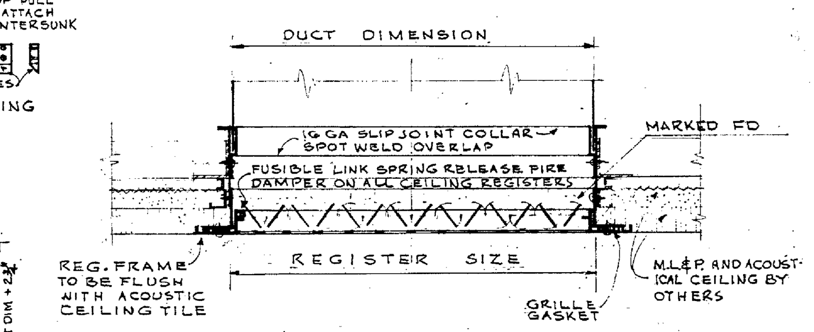
TYPICAL DETAIL
WALL REGISTER
NO SCALE



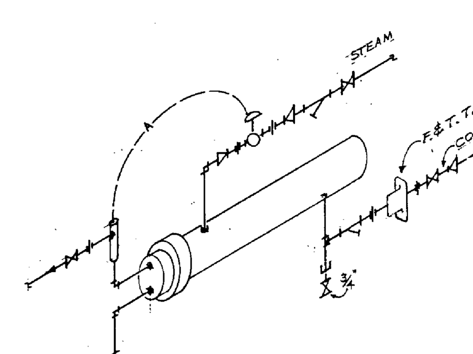
TYPICAL DETAIL
SINGLE LEAF FIRE DAMPER
NO SCALE



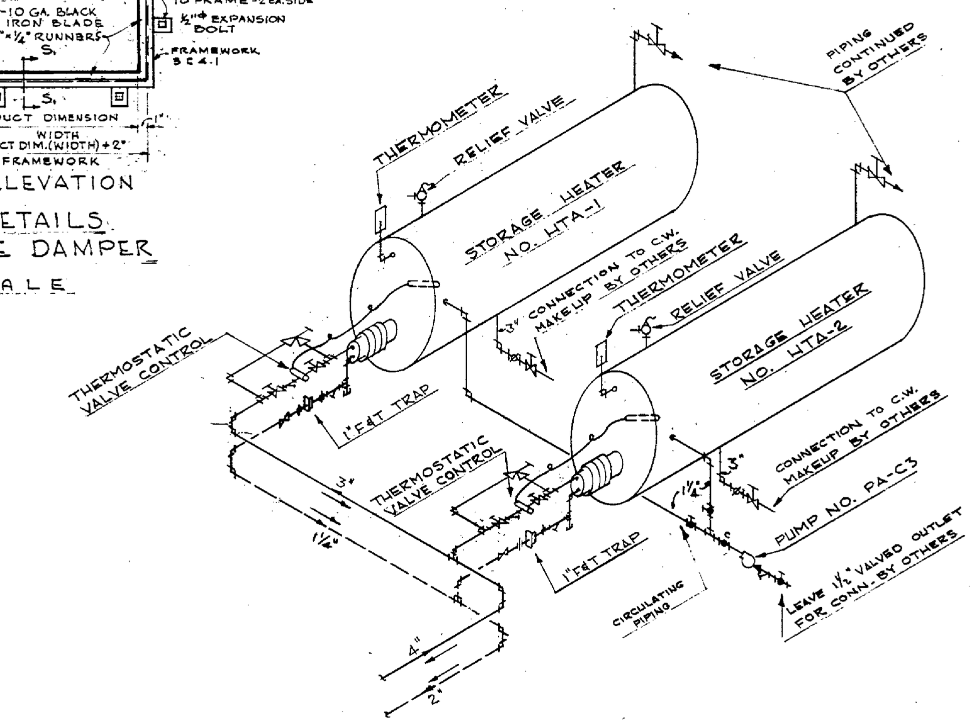
TYPICAL DETAILS
GUILLOTINE FIRE DAMPER
NO SCALE



TYPICAL DETAIL - CEILING GRILLE
WITH REGISTERS AND FIRE DAMPERS
NO SCALE

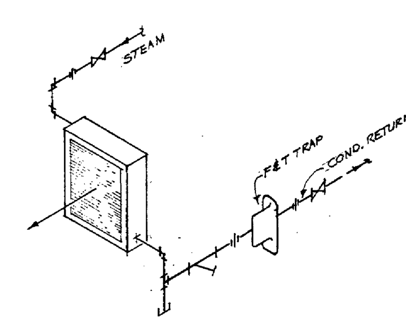


TYPICAL HEAT EXCHANGER
PIPING DETAILS
1. STEAM AND RETURN PIPES TO BE FULL SIZE SHOWN ON PLAN EXCEPT DECREASE WHERE SHOWN FOR VALVE AND TRAP.
2. DIRT LEG TO BE AT LEAST ONE PIPE SIZE LARGER THAN TRAP TAKE-OFF.
NO SCALE

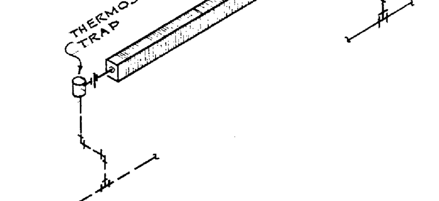


PIPING DIAGRAM FOR
DOMESTIC WATER STORAGE HEATERS
FOR CIVIL SERVICE BUILDING
NO SCALE

NOTE:
PIPING IS SAME FOR COMMERCE BUILDING BUT HEATERS ARE NOS. HTB-1 AND HTB-2 AND PUMP IS NO. PB-C3.



TYPICAL UNIT HEATER
PIPING DETAILS
NO SCALE



TYPICAL STEAM PIPING
DETAILS - STEEL FIN RADIATION
NO SCALE

DEPARTMENT OF CIVIL SERVICE
STATE OFFICE BUILDING
CAMPUS SITE ALBANY NEW YORK

DRAWN BY J.L.O.	HEATING	PROJECT NO. 12978
TRACED BY P.E.N.	TYPICAL DETAILS SHEET No. 2	SPECIFICATION NO. 18882
DIMENSIONS CHECKED BY J.L.O.	KENNETH G. REYNOLDS & ASSOCIATES ARCHITECTS ALBANY, NEW YORK	DATE AUG. 9, 1954
STRUCTURAL CHECKED BY	J.L. OTTENHEIMER, CONSULTING ENGINEER ALBANY, NEW YORK	SCALE AS NOTED
FIELD CHECK BY ARCH'T.	JOHN A. MAC CORMACK COMMISSIONER OF STANDARDS & PURCHASE	DRAWING NO. 54/2012
ENG. APPROVED BY	STATE OF NEW YORK DEPARTMENT OF PUBLIC WORKS DIVISION OF CONSTRUCTION BERTRAM D. TALLAMY SUPERINTENDENT CORNELIUS J. WHITE STATE ARCHITECT	

APPROVED DATE AUG 2 5 1954 BLDG # J BLD (1)

SCANNED 2005

NOTE: DRAWING NOT TO SCALE

Sep 12,2013 – 9:57am
V:\DesignAndConstr\p448xx\44845\CadStru\HVAC\54–2012.dwg
36x24 PLOT SHEET

NYS OFFICE OF GENERAL SERVICES
Serving New York
ANDREW M. CUOMO
Governor
ROANN M. DESTITO
Commissioner

CONSULTANT

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CONTRACT: CONSTRUCTION

TITLE: DEMOLISH BUILDING NOS. 1 & 1A

LOCATION: STATE OFFICE BUILDING CAMPUS
1220 WASHINGTON AVENUE
ALBANY, N.Y. 12226

CLIENT: NEW YORK STATE
OFFICE OF GENERAL SERVICES

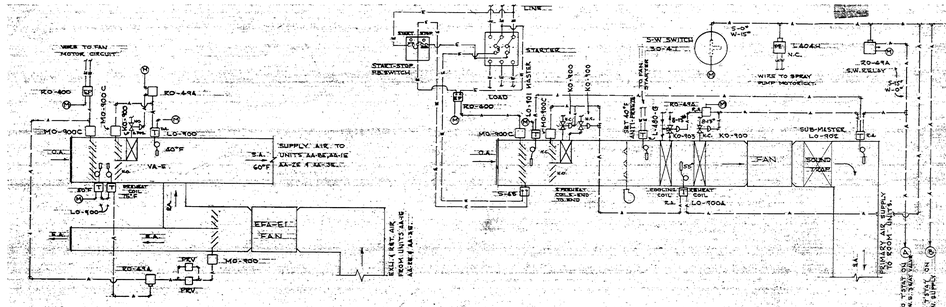
MARK	DATE	DESCRIPTION
	8/26/13	BID DOCUMENTS

PROJECT NUMBER: 44845 – C
DESIGNED BY:
DRAWN BY:
FIELD CHECK:
APPROVED:

SHEET TITLE: EXIST. HVAC REF. DWG.
TYPICAL DETAILS
SHEET NO. 2

DRAWING NUMBER: 54–2012

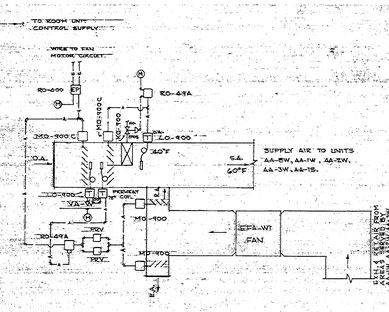
SHEET OF



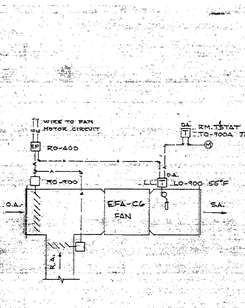
EAST PENTHOUSE
TEMPERATURE CONTROL SYSTEM FOR VA-E
NO SCALE

TYPICAL TEMPERATURE CONTROL SYSTEM FOR UNITS AA-C1 AND AA-C2 - CENTER PENTHOUSE - P.A.
NO SCALE

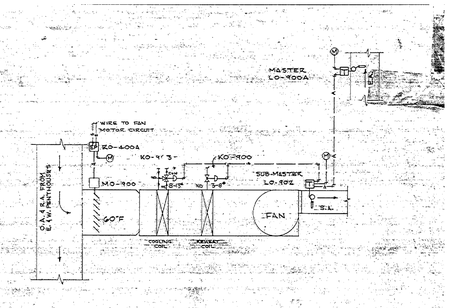
NOTE: P.A. TO RM. UNITS - NO. ZONE - WEST, NO. ZONE - EAST. - AA-C1.
P.A. TO RM. UNITS - SO. ZONE - WEST, SO. ZONE - EAST. - AA-C2.



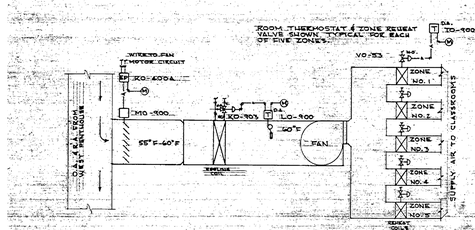
WEST PENTHOUSE
TEMPERATURE CONTROL SYSTEM FOR VA-W
NO SCALE



TEMPERATURE CONTROL SYSTEM
MACHINE ROOM
NO SCALE

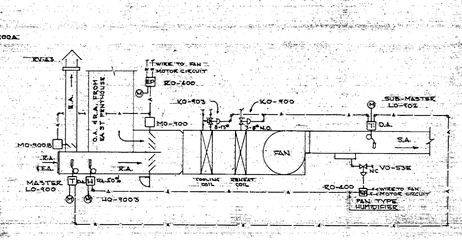


TYPICAL TEMPERATURE CONTROL SYSTEM FOR UNITS AA-1E, AA-2E, AA-3E, AA-5W, AA-1W, AA-2W, AND AA-3W.
NO SCALE

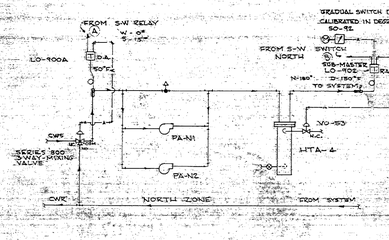


TEMPERATURE CONTROL SYSTEM FOR UNIT AA-1S - CLASSROOMS
NO SCALE

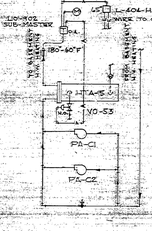
NOTE: UNIT AA-1S CLASSROOM EXHAUST TO EFA-W2.



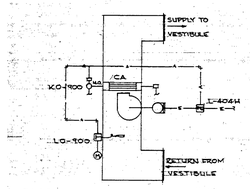
TEMPERATURE CONTROL SYSTEM FOR UNIT AA-BE - PAPER STORAGE
NO SCALE



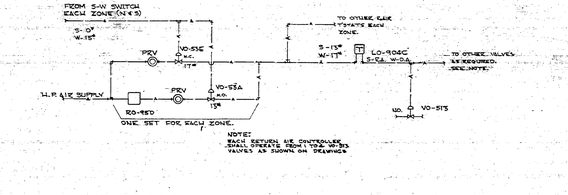
TYPICAL CONTROL OF HEAT EXCHANGER AND CHILLED WATER
NO SCALE
NOTE: HTA-3 WITH PA-S1 & PA-S2 CONTROLLED AS ABOVE, FROM SOUTH ZONE S-W SWITCH.



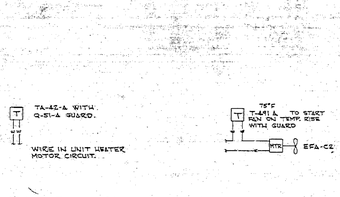
BASEMENT CONTROL OF HEAT EXCHANGER
NO SCALE



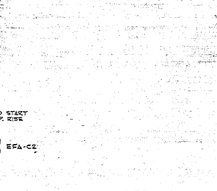
TYPICAL TEMPERATURE CONTROL FOR VESTIBULE TYPE CA CONVECTORS
NO SCALE



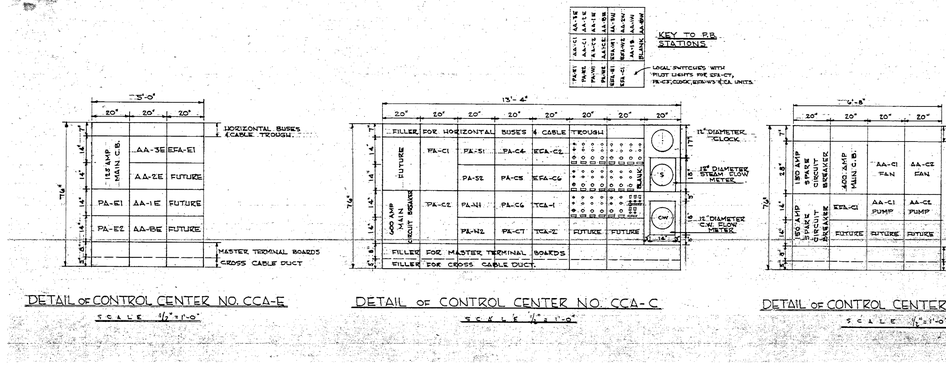
TYPICAL TEMPERATURE CONTROL SYSTEM SHOWING CENTRAL AIR SUPPLY AND UNDERWINDOW UNIT CONTROL FOR ROOMS
NO SCALE



UNIT HEATER CONTROL
NO SCALE
NOTE: WIRING BY ELECTRICAL CONTRACTOR



TRANSFORMER ROOM FAN CONTROL
NO SCALE



KEY TO P.B. STATIONS

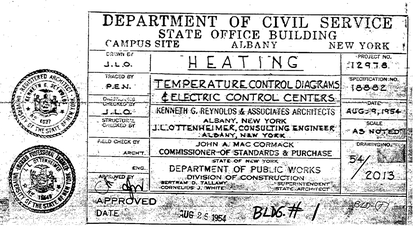
DETAIL OF CONTROL CENTER NO. CCA-E
SCALE 1/2"=1'-0"

DETAIL OF CONTROL CENTER NO. CCA-C
SCALE 1/2"=1'-0"

DETAIL OF CONTROL CENTER NO. CCA-R
SCALE 1/2"=1'-0"

DETAIL OF CONTROL CENTER NO. CCA-W
SCALE 1/2"=1'-0"

TEMPERATURE CONTROL PANEL
LOCATE AT CONTROL CENTER NO. CCA-C



DEPARTMENT OF CIVIL SERVICE
STATE OFFICE BUILDING
CAMPUS SITE ALBANY NEW YORK

DRAWN BY: J.L.O.	HEATING	PROJECT NO. 12978
TRACED BY: P.E.N.	TEMPERATURE CONTROL DIAGRAMS & ELECTRIC CONTROL CENTERS	SPECIFICATION NO. 18802
CHECKED BY: J.L.O.	KENNETH G. REYNOLDS & ASSOCIATES ARCHITECTS ALBANY, NEW YORK	DATE: AUG 29, 1954
STRUCTURE DESIGNED BY	J.C.OTTENHEIMER, CONSULTING ENGINEER ALBANY, NEW YORK	SCALE: AS NOTED
FIELD CHECK BY: ARCHT.	JOHN A. MAC CORMACK COMMISSIONER OF STANDARDS & PURCHASE STATE OF NEW YORK	DRAWING NO. 54/2013
ENG.	DEPARTMENT OF PUBLIC WORKS DIVISION OF CONSTRUCTION BERTRAM D. TALLAMY, SUPERINTENDENT COMMISSIONER OF PUBLIC WORKS STATE ARCHITECT	

APPROVED
DATE JUL 26 1954 BLDG. # 1

SCANNED 2005

NOTE: DRAWING NOT TO SCALE

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36x24 PLOT SHEET

NYS OFFICE OF GENERAL SERVICES
Serving New York
ANDREW M. CUOMO
Governor
ROANN M. DESTITO
Commissioner

CONSULTANT

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CONTRACT:
CONSTRUCTION

TITLE:
DEMOLISH BUILDING
NOS. 1 & 1A

LOCATION:
STATE OFFICE BUILDING CAMPUS
1220 WASHINGTON AVENUE
ALBANY, N.Y. 12226

CLIENT:
NEW YORK STATE
OFFICE OF GENERAL SERVICES

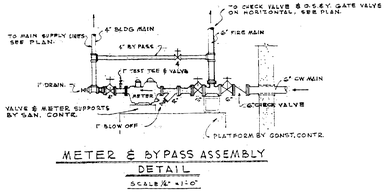
MARK	DATE	DESCRIPTION
	8/26/13	BID DOCUMENTS

PROJECT NUMBER:	44845 - C
DESIGNED BY:	
DRAWN BY:	
FIELD CHECK:	
APPROVED:	

SHEET TITLE:
EXIST. HVAC REF. DWG.
TEMP. CONTROL DIAGRAMS
& ELECTRIC CNTR'L. CENTER

DRAWING NUMBER:
54-2013

SHEET OF

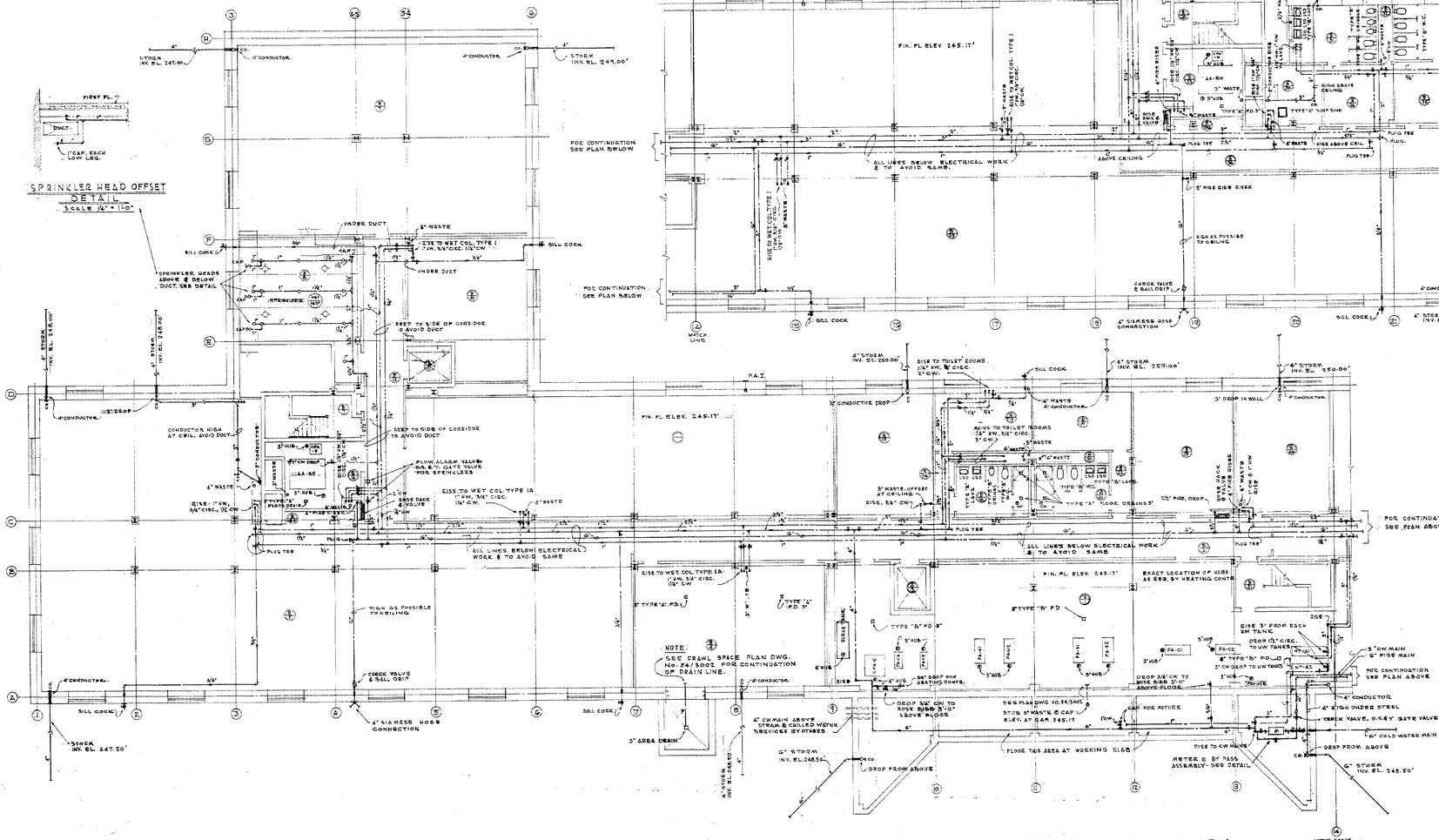


METER & BYPASS ASSEMBLY DETAIL

SCALE 3/4" = 1'-0"

SPRINKLER HEAD OFFSET DETAIL

SCALE 1/4" = 1'-0"



BASEMENT PLAN - SANITARY

SCALE 1/8" = 1'-0"

NOTE: DRAWING NOT TO SCALE

SCANNED 2005

SYMBOLS & ABBREVIATIONS

ELECTRIC WATER COOLER	E.W.C.
AIR CHAMBER	A.C.
BRANCH VENT	BR. VENT
WATER PROOF SEAL - SLAB	
WATER PROOF SEAL - WALL	
FLUSH FLOOR CLEAN OUT	
SHOWER HEAD (IN ELEVATION)	
LIQUID SOAP DISPENSER (ABOVE LAV)	L.S.D.
GATE VALVE (FLANGED)	
CHECK VALVE (FLANGED)	
EQUIPMENT DRAIN (OPEN HUB)	
STORM DRAINAGE PIPING	
FRESH AIR INLET	F. A. I.

NOTES:

(1) SEE DETAIL SHEETS DWG. NOS. 54/3007 & 54/3008 FOR PIPING PLANS, RISER DIAGRAMS & DETAILS OF WET COLUMNS, MAIN TOILET ROOMS, EAST & WEST STAIR RISERS & TYPICAL DETAILS.

(2) SEE DETAIL SHEETS FOR PIPE SIZES NOT SHOWN ON PLANS.

(3) SEE CRAWL SPACE PLAN DWG. NO. 54/3002 FOR SANITARY DRAINAGE LINES & INVERTS & STORM DRAINAGE FROM BASEMENT AREAS, & DETAILS.

ROOM SCHEDULE

No.	DESIGNATION	No.	DESIGNATION
B/1	MECHANICAL EQUIPMENT	B/23	SUPT. OFFICE
B/2	CORRIDOR	B/24	TELEPHONE EQUIPMENT
B/3	ELEVATOR	B/25	GENERAL STORAGE
B/4	TRANSFORMER ROOM	B/26	STUDENTS & EMPLOYEES LOUNGE
B/5	FURNITURE & EQUIP. STORAGE	B/27	
B/5	FAN ROOM	B/28	STAIR HALL NO. 3
B/6A	ELECTRIC PANEL CLOSET	B/29	FAN ROOM
B/7	STAIR HALL NO. 1	B/29A	ELECTRIC PANEL CLOSET
B/8	WASTE ROOM	B/30	JANITOR
B/9	PAPER STORAGE	B/31	MEN'S TOILET
B/10	MISC. SUPPLY STORAGE	B/32	PIPE SPACE
B/11	ELEVATOR	B/33	WOMEN'S TOILET
B/12	CORRIDOR	B/34	MEN'S LOUNGE
B/13	DEAD FILE STORAGE	B/35	WOMEN'S LOUNGE
B/14	CORRIDOR	B/36	CORRIDOR
B/15	JANITOR'S SUPPLIES	B/37	STAIR HALL NO. 2
B/16	PASSAGE		
B/17	MEN'S LOCKERS		
B/18	MEN'S TOILET		
B/19	WOMEN'S LOCKERS		
B/20	PIPE SPACE		
B/21	WOMEN'S TOILET		
B/22	PASSAGE		

BLDG No. 1

DEPARTMENT OF CIVIL SERVICE
STATE OFFICE BUILDING
CAMPUS SITE ALBANY NEW YORK

DRAWN BY: J.E.H.	SANITARY	PROJECT NO. 12978
TRACED BY: J.E.H.	BASEMENT PLAN	SPECIFICATION NO. 18883
DESIGN CHECKED BY: J.L.O.	KENNETH G. REYNOLDS & ASSOCIATES ARCHITECTS ALBANY, NEW YORK	DATE AUG. 9, 1954
STRUCTURAL CHECKED BY: Lab.	J.L. OTTENHEIMER, CONSULTING ENGINEER ALBANY, N.Y.	SCALE AS NOTED
FIELD CHECK BY: ARCHT.	JOHN A. MAC CORMACK COMMISSIONER OF STANDARDS & PURCHASE STATE OF NEW YORK	DRAWING NO. 54/3001
ENG. APPROVED BY:	DEPARTMENT OF PUBLIC WORKS DIVISION OF CONSTRUCTION BERTRAM D. TALLAMY, COMMISSIONER; CORNELIUS J. WHITE, SUPERINTENDENT; STATE ARCHITECT	

APPROVED
DATE AUG 27 1954

NYS OFFICE OF GENERAL SERVICES

Serving New York

ANDREW M. CUOMO
Governor
ROANN M. DESTITO
Commissioner

CONSULTANT

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CONTRACT:
CONSTRUCTION

TITLE:
DEMOLISH BUILDING NOS. 1 & 1A

LOCATION:
STATE OFFICE BUILDING CAMPUS
1220 WASHINGTON AVENUE
ALBANY, N.Y. 12226

CLIENT:
NEW YORK STATE OFFICE OF GENERAL SERVICES

MARK	DATE	DESCRIPTION
	8/26/13	BID DOCUMENTS

PROJECT NUMBER:	44845 - C
DESIGNED BY:	
DRAWN BY:	
FIELD CHECK:	
APPROVED:	

SHEET TITLE:
EXIST. PLUMBING REF. DWG. BASEMENT PLAN

DRAWING NUMBER:
54-3001

SHEET OF

Sep 12,2013 - 10:14am
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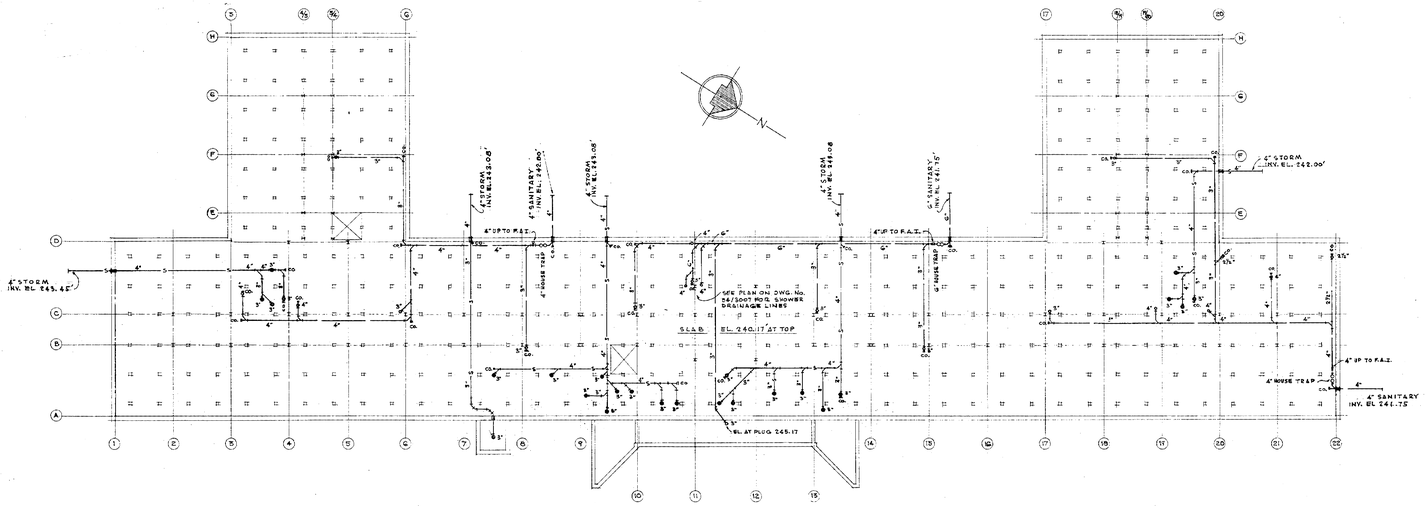
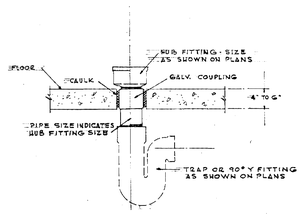
36x24 PLOT SHEET



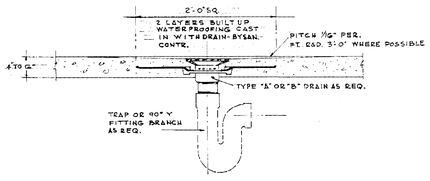
CRAWL SPACE PLAN - SANITARY

SCALE 1/16" = 1'-0"



TYPICAL DETAIL EQUIPMENT DRAIN HUB

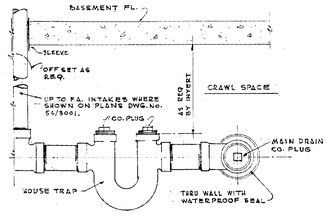
SCALE 1/2" = 1'-0"



TYPICAL FLOOR DRAIN DETAIL

(FOR BASEMENT, AIR COND. RMS. & PENTHOUSE)

SCALE 1/2" = 1'-0"



TYPICAL HOUSE TRAP DETAIL

(SEE PLAN ABOVE FOR LOCATIONS)

SCALE 1/2" = 1'-0"

NOTES:

(1) FOR EXACT LOCATION OF RISERS & DRAINS SEE FLOOR PLANS & DETAILS.

(2) FOR INVERTS OF ROOF CONDUCTORS SEE BASEMENT PLAN DWG. No. 54/3001.

(3) FOR LOCATION OF FRESH AIR INLETS (F.A.I.). SEE BASEMENT PLAN DWG. No. 54/3001.

NOTE: DRAWING NOT TO SCALE

SCANNED 2005

DEPARTMENT OF CIVIL SERVICE
STATE OFFICE BUILDING
CAMPUS SITE ALBANY NEW YORK

DRAWN BY J. E. H.	SANITARY	PROJECT NO. 12978
TRACED BY J. E. H.	CRAWL SPACE PLAN	SPECIFICATION NO. 18883
DIMENSIONS CHECKED BY J. L. O.	KENNETH G. REYNOLDS & ASSOCIATES ARCHITECTS ALBANY, NEW YORK	DATE AUG. 9 1954
STRUCTURAL DETAILS BY L. D.	J. L. OTTENHEIMER, CONSULTING ENGINEER ALBANY, NEW YORK	SCALE AS NOTED
FIELD REVISION OF ARCHIT.	JOHN A. MAC CO. MACK COMMISSIONER OF STANDARDS & PURCHASE STATE OF NEW YORK	DRAWING NO. 54/3002
ENG.	DEPARTMENT OF PUBLIC WORKS DIVISION OF CONSTRUCTION BERTRAM D. TALLAMY SUPERINTENDENT CORNELIUS J. WHITE STATE ARCHITECT	
APPROVED BY		

APPROVED
DATE FOR BLDG # 1

NYS OFFICE OF GENERAL SERVICES

Serving New York

ANDREW M. CUOMO
Governor
ROANN M. DESTITO
Commissioner

CONSULTANT

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CONTRACT:
CONSTRUCTION

TITLE:
DEMOLISH BUILDING
NOS. 1 & 1A

LOCATION:
STATE OFFICE BUILDING CAMPUS
1220 WASHINGTON AVENUE
ALBANY, N.Y. 12226

CLIENT:
NEW YORK STATE
OFFICE OF GENERAL SERVICES

MARK	DATE	DESCRIPTION
	8/26/13	BID DOCUMENTS

PROJECT NUMBER:	44845 – C
DESIGNED BY:	
DRAWN BY:	
FIELD CHECK:	
APPROVED:	

SHEET TITLE:
EXIST. PLUMBING REF. DWG.
CRAWL SPACE PLAN

DRAWING NUMBER:
54–3002

SHEET OF

Sep. 12,2013 – 10:13am
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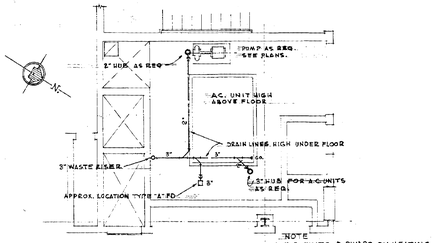
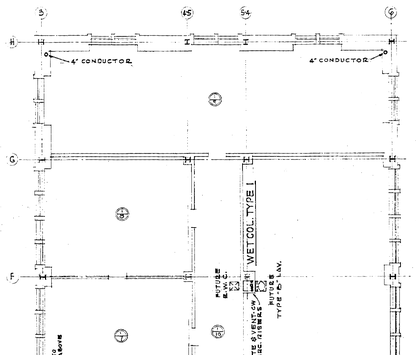
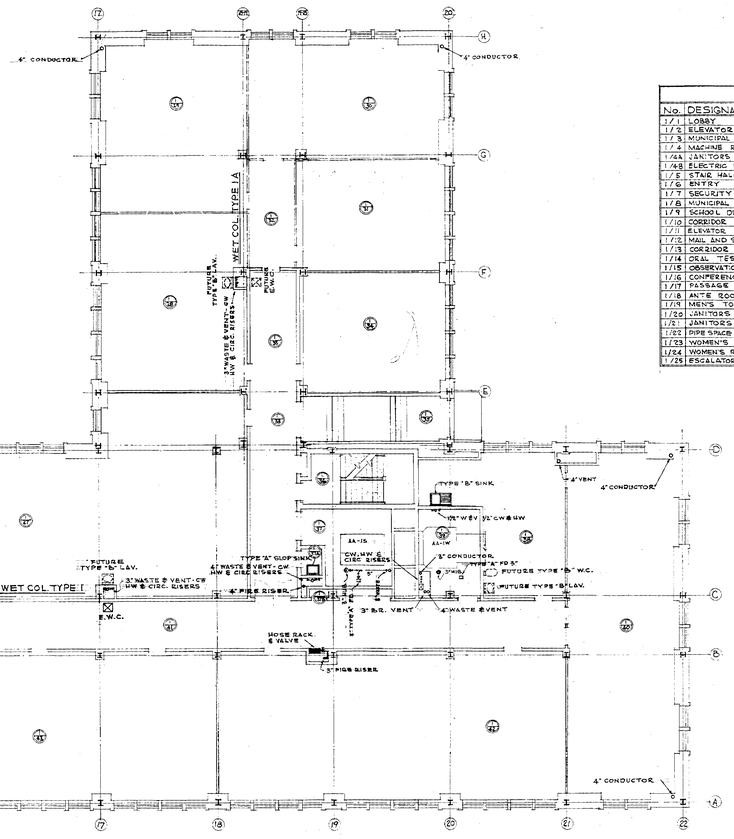
36x24 PLOT SHEET

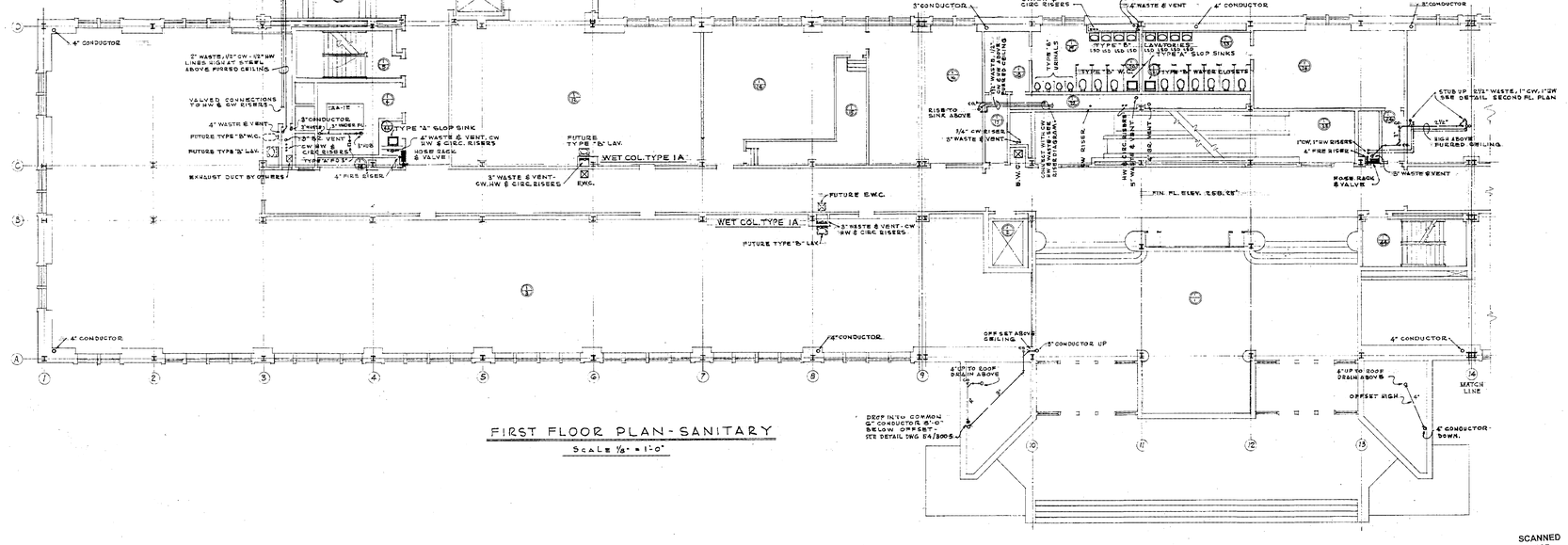


TYPICAL PLAN SHOWING SERVICE RM. DRAINAGE
(FIRST, SECOND AND THIRD FLOOR EAST)
SCALE ¼" = 1'-0"
(WEST OPPOSITE HAND)

FOR HUB DETAIL SEE DWG. NO. 54/3002







FIRST FLOOR PLAN - SANITARY
SCALE ⅛" = 1'-0"

DROP INTO COMMON 4" CONDUCTOR 8'-0" BELOW OFFSET. SEE DETAIL DWG. 54/3005

NOTE: DRAWING NOT TO SCALE

ROOM SCHEDULE

No.	DESIGNATION	No.	DESIGNATION
1/1	LOBBY	1/26	PASSAGE
1/2	ELEVATOR	1/27	TRAINING DIVISION
1/3	MUNICIPAL SERVICE DIVISION	1/28	CLASS ROOM
1/4	MACHINE ROOM	1/29	CLASS ROOM
1/4A	JANITORS CLOSET	1/30	CLASS ROOM
1/4B	ELECTRIC PANEL CLOSET	1/31	CLASS ROOM
1/5	STAIR HALL No. 1	1/32	CORRIDOR
1/6	ENTRY	1/33	CORRIDOR
1/7	SECURITY UNIT	1/34	CLASS ROOM
1/8	MUNICIPAL INSPECTION	1/35	ENTRY
1/9	SCHOOL DISTRICT	1/36	STAIR HALL NO. 3
1/10	CORRIDOR	1/37	MACHINE ROOM
1/11	ELEVATOR	1/38	JANITOR'S CLOSET
1/12	MAIL AND SUPPLY	1/39	ELEC. CLOSET
1/13	CORRIDOR	1/38	LIBRARY WORK ROOM
1/14	ORAL TEST	1/39	MACHINE RM.
1/15	OBSERVATION	1/40	LIBRARY
1/16	CONFERENCE, HEARINGS	1/41	CORRIDOR
1/17	PASSAGE	1/42	OFFICE ADM. BUREAU
1/18	ANTE ROOM	1/43	MISCELLANEOUS BOARDS
1/19	MEN'S TOILET	1/44	STAIR HALL NO. 2
1/20	JANITORS CLOSET		
1/21	JANITORS CLOSET		
1/22	PIPE SPACE		
1/23	WOMEN'S TOILET		
1/24	WOMEN'S REST ROOM		
1/25	ESCALATOR		

NOTES:

(1) SEE DETAIL SHEETS DWG. NOS. 54/3007 & 54/3008 FOR PIPING PLANS, RISER DIAGRAMS & DETAILS OF WET COLUMNS, MAIN TOILET ROOMS, EAST & WEST STAIR RISERS & TYPICAL DETAILS.

(2) SEE DETAIL SHEETS FOR PIPE SIZES NOT SHOWN ON PLANS.

(3) ROOF CONDUCTORS TO AVOID CONFLICTION WITH AIR DUCTS & RUN-OUTS.

(4) FOR TYPICAL PIPING TO EQUIPMENT DRAIN HUBS & FLOOR DRAINS IN EAST & WEST SERVICE ROOMS, SEE DETAIL PLAN THIS SHEET.

SCANNED 2005

DEPARTMENT OF CIVIL SERVICE
STATE OFFICE BUILDING
CAMPUS SITE ALBANY NEW YORK

DRAWN BY J.E.H.	SANITARY	PROJECT NO. 12978
TRACED BY J.E.H.	FIRST FLOOR PLAN	SPECIFICATION NO. 18883
DIMENSIONS CHECKED BY J.L.O.	KENNETH G. REYNOLDS & ASSOCIATES ARCHITECTS ALBANY, NEW YORK	DATE AUG. 9 1954
STRUCTURAL CHECKED BY [illegible]	J.L. OTTENHEIMER, CONSULTING ENGINEER ALBANY, NEW YORK	SCALE AS NOTED
FIELD CHECK BY ARCHITECT	JOHN A. MAC CORMACK COMMISSIONER OF STANDARDS & PURCHASE STATE OF NEW YORK	DRAWING NO. 54/3003
ENG. APPROVED BY	DEPARTMENT OF PUBLIC WORKS DIVISION OF CONSTRUCTION BERTRAM D. TALLAMY DIRECTOR OF CONSTRUCTION STATE ARCHITECT	

APPROVED
DATE BLDG. # 1

NYS OFFICE OF GENERAL SERVICES
Serving New York
ANDREW M. CUOMO
Governor
ROANN M. DESTITO
Commissioner

CONSULTANT

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CONTRACT:
CONSTRUCTION

TITLE:
DEMOLISH BUILDING
NOS. 1 & 1A

LOCATION:
STATE OFFICE BUILDING CAMPUS
1220 WASHINGTON AVENUE
ALBANY, N.Y. 12226

CLIENT:
NEW YORK STATE
OFFICE OF GENERAL SERVICES

MARK	DATE	DESCRIPTION
	8/26/13	BID DOCUMENTS

PROJECT NUMBER:	44845 – C
DESIGNED BY:	
DRAWN BY:	
FIELD CHECK:	
APPROVED:	

SHEET TITLE:
EXIST. PLUMBING REF. DWG.
FIRST FLOOR PLAN

DRAWING NUMBER:
54–3003

SHEET OF

Sep 12,2013 - 10:13am
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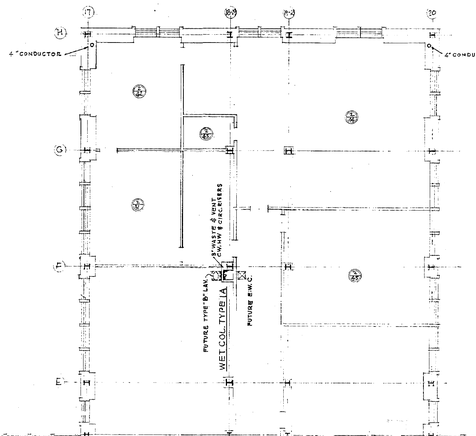
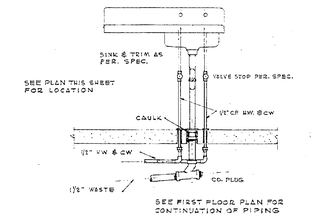
36x24 PLOT SHEET

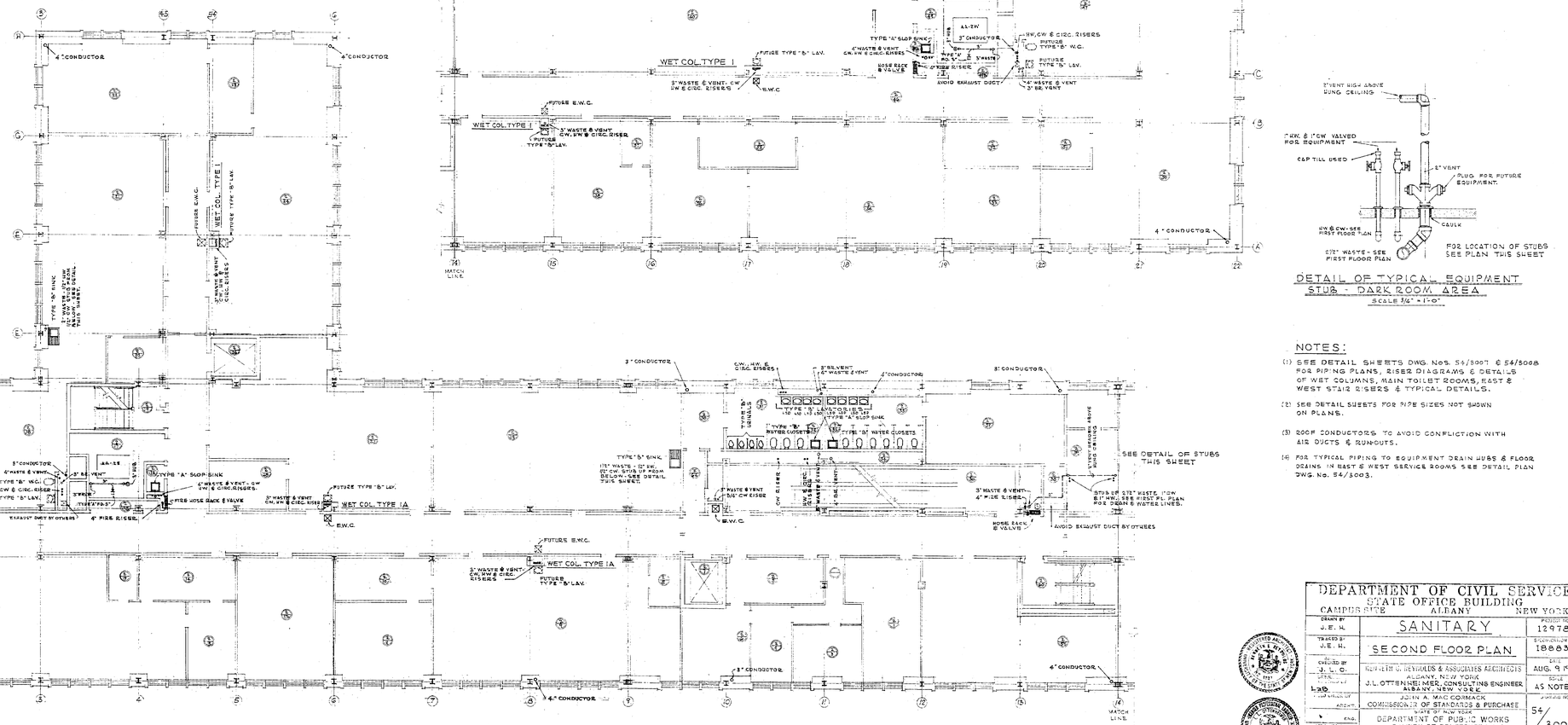
ROOM SCHEDULE			
No.	DESIGNATION	No.	DESIGNATION
2/1	ARTIST	2/35	WOMEN'S TOILET
2/2	PASSAGE	2/36	ESCALATOR
2/3	ASS'T. DIRECTOR	2/37	WOMEN'S REST ROOM
2/4	SECRETARY	2/38	PASSAGE
2/5	CONFERENCE ROOM	2/39	DARK ROOM
2/6	DIRECTOR'S OFFICE	2/40	GENERAL FILES
2/7	ELEVATOR	2/41	CONFERENCE ROOM
2/8	SECURITY ROOM	2/42	SECTION NO. 4 OFFICE
2/9	ENG.-AG. UNIT (XD-2)	2/43	SECURITY ROOM
2/10	CONFERENCE ROOM	2/44	LAW ENF. UNIT (XD-4)
2/11	SECTION NO. 2 OFFICE	2/45	PAYS.-MED. UNIT
2/12	SECTION NO. 6 OFFICE	2/46	CORRIDOR
2/13	SECTION NO. 1 OFFICE	2/47	INVESTIGATIONS UNIT
2/14	CONFERENCE ROOM	2/48	STAR HALL NO. 8
2/15	SECURITY ROOM	2/49	MACHINE ROOM
2/16	AIR-CL.-FIS. UNIT (XD-1)	2/49A	JANITORS CLOSET
2/17	MACHINE ROOM	2/49B	ELECTRIC PANEL CLOSET
2/17A	JANITOR'S CLOSET	2/50	HEALTH-WEL. UNIT (XD-3)
2/17B	ELECTRIC PANEL CLOSET	2/51	SECURITY ROOM
2/18	PLATE MAKING UNIT	2/52	CONFERENCE ROOM
2/19	STAIR HALL NO. 1	2/53	SECTION NO. 3 OFFICE
2/20	SECURITY ROOM	2/54	TEST DEVELOPMENT UNIT
2/21	DUPLICATING & COLLATING UNITS	2/55	CONFERENCE ROOM
2/22	SHIPPING UNIT	2/56	SECTION NO. 7 OFFICE
2/23	SECURITY ROOM	2/57	SECURITY ROOM
2/24	CLERICAL UNIT	2/58	TEST EDITING UNIT
2/25	CORRIDOR	2/59	TEST REFERENCE FILE
2/26	ELEVATOR	2/60	STAIR HALL NO. 2
2/27	APPLICATIONS & ARRANGEMENTS	2/61	CORRIDOR
2/28	BUSINESS MACHINE ROOM	2/62	PASSAGE
2/29	STENOGRAPHIC POOL		
2/30	ANTE ROOM		
2/31	MEN'S TOILET		
2/32	JANITORS CLOSET		
2/33	JANITORS CLOSET		
2/34	PIPE SPACE		





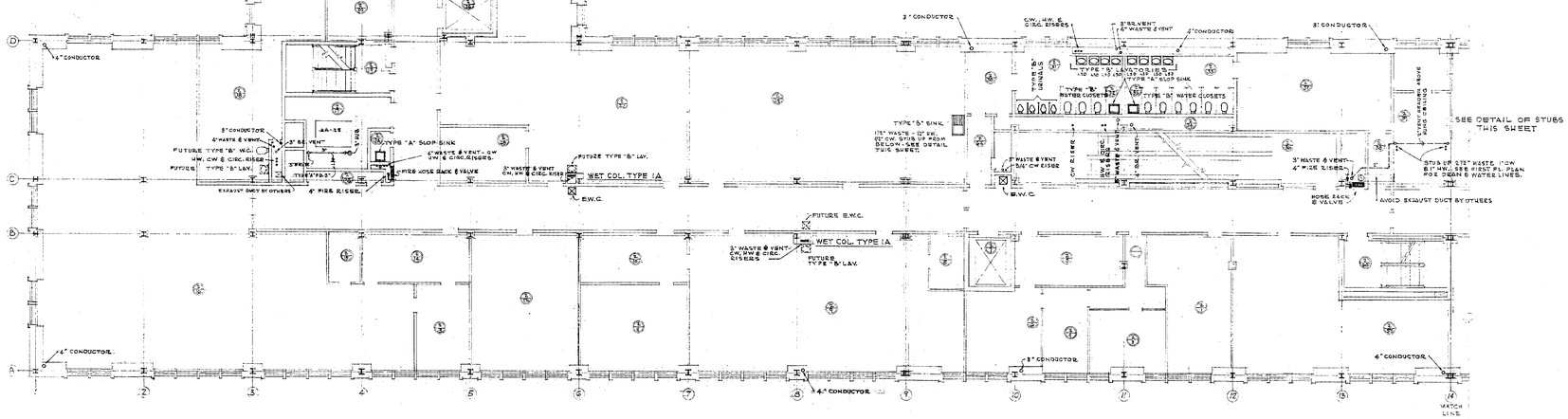
TYPICAL PIPING DETAIL OF WORK SINKS

SCALE ¾" = 1'-0"



DETAIL OF TYPICAL EQUIPMENT STUB - DARK ROOM AREA

SCALE ¾" = 1'-0"



SECOND FLOOR PLAN - SANITARY

Scale 1/8" = 1'-0"

NOTES:

(1) SEE DETAIL SHEETS DWG. Nos. 54/3007 & 54/3008 FOR PIPING PLANS, RISER DIAGRAMS & DETAILS OF WET COLUMNS, MAIN TOILET ROOMS, EAST & WEST STAIR RISERS & TYPICAL DETAILS.

(2) SEE DETAIL SHEETS FOR PIPE SIZES NOT SHOWN ON PLANS.

(3) ROOF CONDUCTORS TO AVOID CONFLICTION WITH AIR DUCTS & RUNOUTS.

(4) FOR TYPICAL PIPING TO EQUIPMENT DRAIN TUBS & FLOOR DRAINS IN EAST & WEST SERVICE ROOMS SEE DETAIL PLAN DWG. No. 54/3003.

SCANNED 2005

DEPARTMENT OF CIVIL SERVICE STATE OFFICE BUILDING CAMPUS SITE ALBANY NEW YORK		
DRAWN BY J.E.H.	SANITARY	PROJECT NO. 12978
TRACED BY J.E.H.	SECOND FLOOR PLAN	ESTIMATION NO. 18883
CHECKED BY J.L.O.	KENNETH G. REYNOLDS & ASSOCIATES ARCHITECTS ALBANY, NEW YORK	DATE AUG. 9 1954
STRUCTURAL ENGR.	J.L. OTTENHEIMER, CONSULTING ENGINEER ALBANY, NEW YORK	SCALE AS NOTED
SUPERVISION OF ARCH'T.	JOHN A. MAC CONNACH COMMISSIONER OF STANDARDS & PURCHASE STATE OF NEW YORK	
ENG.	DEPARTMENT OF PUBLIC WORKS DIVISION OF CONSTRUCTION SUPERINTENDENT OF BUILDINGS / CHARLES J. WHITE / STATE ARCHITECT	54/3004
APPROVED BY		
APPROVED DATE	AUG 26 1954 BLDG # 1	

NOTE: DRAWING NOT TO SCALE

Sep 12,2013 – 10:12am
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36x24 PLOT SHEET

NYS OFFICE OF GENERAL SERVICES

Serving New York

ANDREW M. CUOMO
Governor
ROANN M. DESTITO
Commissioner

CONSULTANT

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CONTRACT:
CONSTRUCTION

TITLE:
DEMOLISH BUILDING NOS. 1 & 1A

LOCATION:
STATE OFFICE BUILDING CAMPUS
1220 WASHINGTON AVENUE
ALBANY, N.Y. 12226

CLIENT:
NEW YORK STATE OFFICE OF GENERAL SERVICES

MARK	DATE	DESCRIPTION
	8/26/13	BID DOCUMENTS

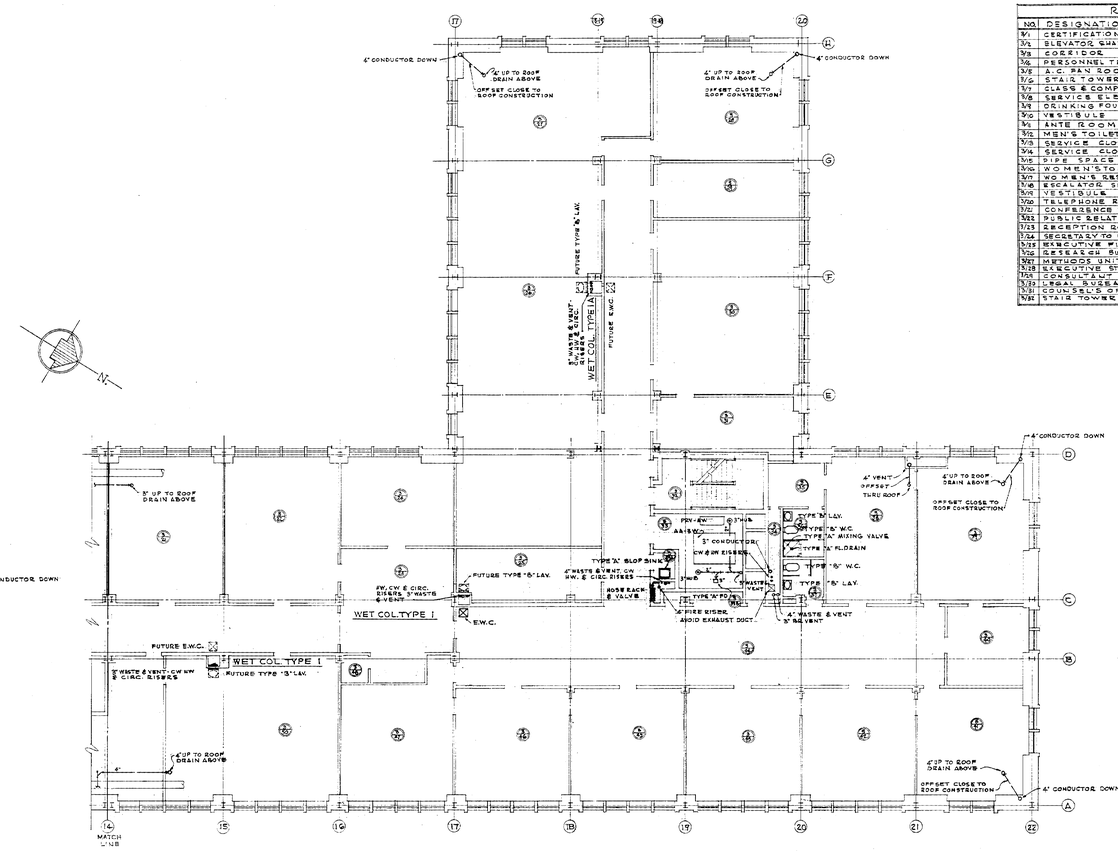
PROJECT NUMBER:	44845 – C
DESIGNED BY:	
DRAWN BY:	
FIELD CHECK:	
APPROVED:	

SHEET TITLE:
EXIST. PLUMBING REF. DWG. SECOND FLOOR PLAN

DRAWING NUMBER:
54–3004

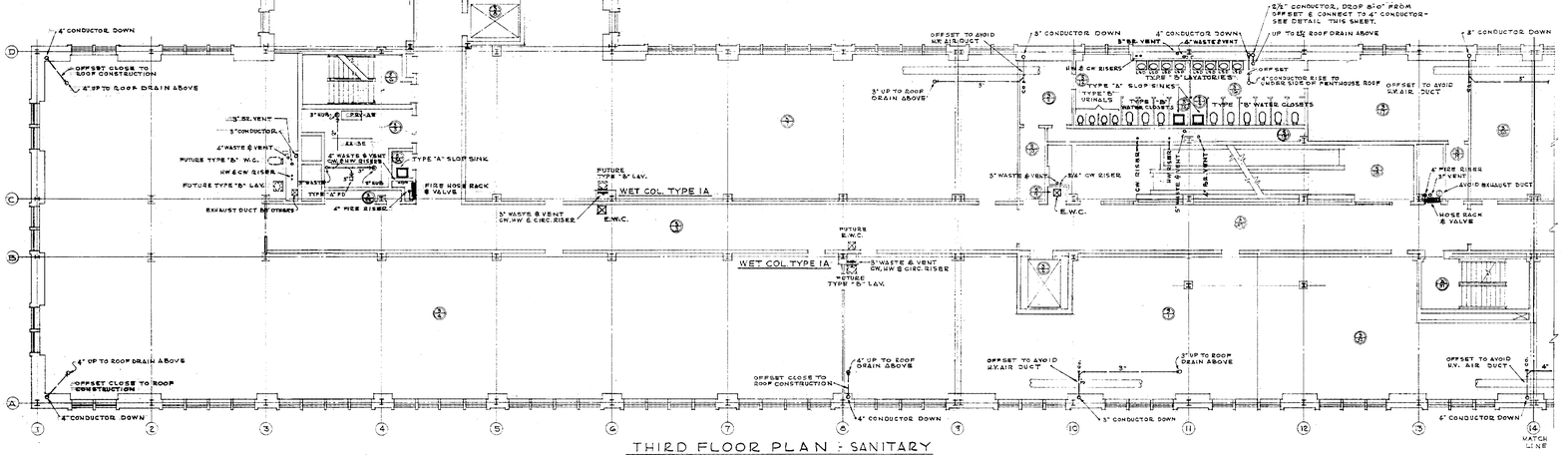
SHEET OF

ROOM SCHEDULE			
NO.	DESIGNATION	NO.	DESIGNATION
3/1	CERTIFICATIONS	3/33	A.C. FAN ROOM
3/2	ELEVATOR SHAFT	3/34	PIPE SPACE
3/3	CORRIDOR	3/35	PRESIDENT'S DRESSING ROOM
3/4	PERSONNEL TRANSACTIONS BUR.	3/36	PRESIDENT'S TOILET
3/5	A.C. FAN ROOM	3/37	PUBLIC TOILET
3/6	STAIR TOWER	3/38	CONFERENCE ROOM
3/7	CLASS & COMP. DIVISION	3/39	PRESIDENT'S OFFICE
3/8	SERVICE ELEVATOR SHAFT	3/40	PRESIDENT'S SECRETARY
3/9	DRINKING FOUNTAIN ALCOVE	3/41	COMMISION "C" OFFICE
3/10	VESTIBULE	3/42	SECRETARIES OFFICE
3/11	ANTE ROOM	3/43	COMMISION "B" OFFICE
3/12	MEN'S TOILET	3/44	WAITING CORRIDOR
3/13	SERVICE CLOSET	3/45	ADMINISTRATION DIRECTOR'S OFF.
3/14	SERVICE CLOSET	3/46	SECRETARIES OFFICE
3/15	PIPE SPACE	3/47	ASSISTANT ADMIN DIRECTORS OFF.
3/16	WOMEN'S TOILET	3/48	PUBLIC TELEPHONE BOOTHS
3/17	WOMEN'S REST ROOM	3/49	CORRIDOR
3/18	ESCALATOR SHAFT	3/50	STATISTICS OFFICE
3/19	VESTIBULE	3/51	STAIR TOWER
3/20	TELEPHONE ROOM	3/52	TABULATION OFFICE
3/21	CONFERENCE ROOM		
3/22	PUBLIC RELATIONS		
3/23	RECEPTION ROOM		
3/24	SECRETARY TO DEPARTMENT		
3/25	EXECUTIVE FILE ROOM		
3/26	RESEARCH BUREAU		
3/27	MIMEOGRAPH UNIT		
3/28	EXECUTIVE STENO. POOL		
3/29	CONSULTANT		
3/30	LEGAL BUREAU		
3/31	COUNSEL'S OFFICE		
3/32	STAIR TOWER		

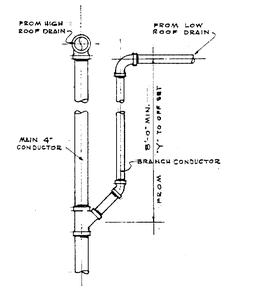


THIRD FLOOR PLAN - SANITARY

SCALE 1/8" = 1'-0"



NOTE: DRAWING NOT TO SCALE



TYPICAL DETAIL OF CONNECTING BRANCH CONDUCTOR

SCALE 3/8" = 1'-0"

NOTES:

(1) SEE DETAIL SHEETS DWG. NOS. 54/3007 & 54/3008 FOR PIPING PLANS, RISER DIAGRAMS & DETAILS OF WET COLUMNS, MAIN TOILET ROOMS, EAST & WEST STAIR RISERS & TYPICAL DETAILS.

(2) SEE DETAIL SHEETS FOR PIPE SIZES NOT SHOWN ON PLANS.

(3) ROOF CONDUCTORS TO AVOID CONFLICTION WITH AIR DUCTS & RUN-OUTS.

(4) FOR TYPICAL PIPING TO EQUIPMENT DRAIN HUBS & FLOOR DRAINS IN EAST & WEST SERVICE ROOMS SEE DETAIL PLAN DWG. No. 54/3003.

SCANNED 2005

DEPARTMENT OF CIVIL SERVICE
STATE OFFICE BUILDING
CAMPUS-SITE ALBANY NEW YORK

DRAWN BY J.E.H.	SANITARY	PROJECT NO. 12978
TRACED BY J.E.H.	THIRD FLOOR PLAN	SPECIFICATION NO. 12033
DESIGNED BY J.L.O.	KENNETH G. REYNOLDS & ASSOCIATES ARCHITECTS ALBANY, NEW YORK	DATE AUG. 9 1954
STRUCTURAL CALCULATIONS BY L.J.B.	J.L. OTTENHEIMER, CONSULTING ENGINEER ALBANY NEW YORK	SCALE AS NOTED
FIELD CHECK BY ARCHITECT	JOHN A. MAC CORMACK COMMISSIONER OF STANDARDS & PURCHASE STATE OF NEW YORK	DRAWING NO. 54/3005
ENG. APPROVED BY	DEPARTMENT OF PUBLIC WORKS DIVISION OF CONSTRUCTION BERTRAM D. TALLAMY ADMINISTRATOR CORNELIUS J. WHITE STATE ARCHITECT	

APPROVED
DATE AUG 23 1954 Bldg # 1

NYS OFFICE OF GENERAL SERVICES

Serving New York

ANDREW M. CUOMO
Governor
ROANN M. DESTITO
Commissioner

CONSULTANT

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CONTRACT:
CONSTRUCTION

TITLE:
DEMOLISH BUILDING
NOS. 1 & 1A

LOCATION:
STATE OFFICE BUILDING CAMPUS
1220 WASHINGTON AVENUE
ALBANY, N.Y. 12226

CLIENT:
NEW YORK STATE
OFFICE OF GENERAL SERVICES

MARK	DATE	DESCRIPTION
	8/26/13	BID DOCUMENTS

PROJECT NUMBER: 44845 - C

DESIGNED BY:
DRAWN BY:
FIELD CHECK:
APPROVED:

SHEET TITLE:
EXIST. PLUMBING REF. DWG.
THIRD FLOOR PLAN

DRAWING NUMBER:
54-3005

SHEET OF

Sep. 12, 2013 - 10:12am
V:\Design\Consmgr\g44845\Cad\Sht\PLUM\54-3005.dwg
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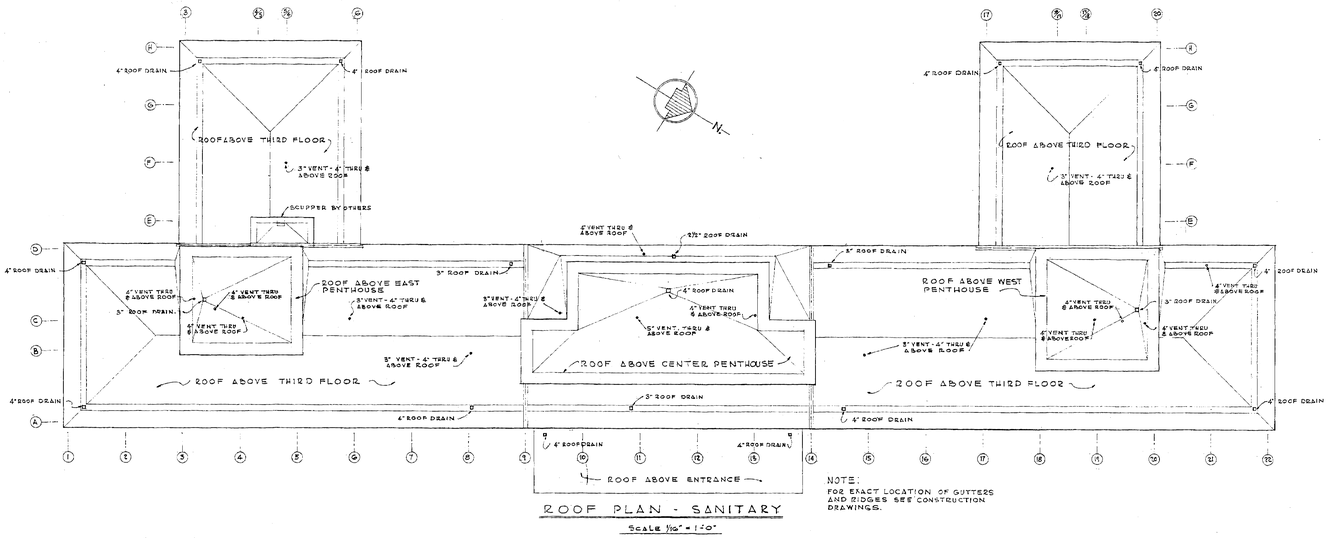
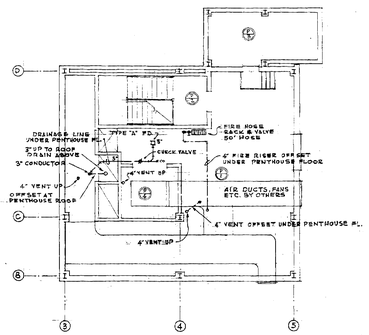


ROOF PLAN - SANITARY

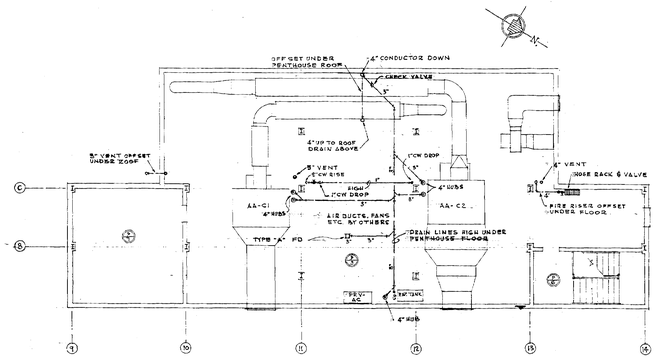
Scale 1/16" = 1'-0"

NOTE:
FOR EXACT LOCATION OF GUTTERS AND RIDGES SEE CONSTRUCTION DRAWINGS.



PENTHOUSE PLAN - EAST

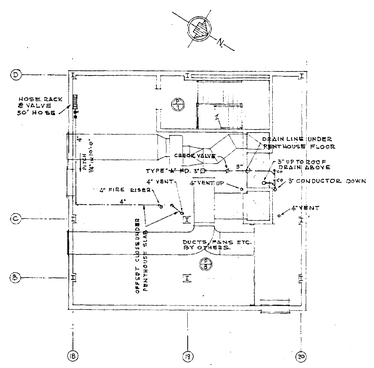
Scale 1/8" = 1'-0"



PENTHOUSE PLAN CENTER

Scale 1/8" = 1'-0"

NOTE:
(1) FOR TYPICAL HUB DRAIN DETAIL SEE DWG. No. 54/3002
(2) EXACT LOCATION OF HUBS AS REQUIRED BY HEATING CONTR.



PENTHOUSE PLAN - WEST

Scale 1/8" = 1'-0"

NOTES:

(1) SEE DETAIL SHEETS DWG. NOS. 54/3007 & 54/3008 FOR PIPING PLANS, RISER DIAGRAMS & DETAILS OF WET COLUMNS, MAIN TOILET ROOMS, EAST & WEST STAIR RISERS & TYPICAL DETAILS.

(2) SEE DETAIL SHEETS FOR PIPE SIZES NOT SHOWN ON PLANS.

(3) ROOF CONDUCTORS TO AVOID CONFLICTION WITH AIR DUCTS & RUN-OUTS.

(4) FOR OFFSETS OF ROOF CONDUCTORS, VENTS & FIRE RISERS NOT SHOWN ON THIS SHEET, SEE THIRD FLOOR PLAN.

ROOM SCHEDULE	
No.	DESIGNATION
P/1	MACHINE RM. EAST
P/2	STAIR HALL No. 1 EAST
P/3	ELEVATOR EAST
P/4	PLENUM EAST
P/5	MACHINE RM. CENTER
P/6	STAIR HALL No. 2 CENTER
P/7	ELEVATOR CENTER
P/8	MACHINE RM. WEST
P/9	STAIR HALL No. 3 WEST

SCANNED 2005

DEPARTMENT OF CIVIL SERVICE
STATE OFFICE BUILDING
CAMPUS SITE — ALBANY — NEW YORK

DRAWN BY: J.E.H.	SANITARY	PROJECT NO. 12978
TRACED BY: J.E.H.	ROOF PLAN	SK. DWG. NO. 18883
DESIGNED BY: J.L.O.	KENNETH G. REYNOLDS & ASSOCIATES ARCHITECTS ALBANY, NEW YORK	DATE AUG. 9 1954
CHECKED BY: LOB	J.L. OTTENHEIMER, CONSULTING ENGINEER ALBANY, NEW YORK	SCALE AS NOTED
FIELD CHECK BY: ARCH.	JOHN A. MAC CORMACK COMMISSIONER OF STANDARDS & PURCHASE	DRAWING NO. 54/3006
ENG. APPROVED BY:	STATE OF NEW YORK DEPARTMENT OF PUBLIC WORKS DIVISION OF CONSTRUCTION BERTRAM D. TALLAMY COMMISSIONER — SUPERINTENDENT BASIL ARCHITECT	

APPROVED DATE AUG 27 '54 BLDG. # 1

NOTE: DRAWING NOT TO SCALE

Sep 12,2013 - 10:11am
V:\Designmod2omsr\p45xx\44845\CadStru\PLUM\54-3006.dwg
36x24 PLOT SHEET

NYS OFFICE OF GENERAL SERVICES

Serving New York

ANDREW M. CUOMO
Governor
ROANN M. DESTITO
Commissioner

CONSULTANT

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CONTRACT:
CONSTRUCTION

TITLE:
DEMOLISH BUILDING
NOS. 1 & 1A

LOCATION:
STATE OFFICE BUILDING CAMPUS
1220 WASHINGTON AVENUE
ALBANY, N.Y. 12226

CLIENT:
NEW YORK STATE
OFFICE OF GENERAL SERVICES

MARK	DATE	DESCRIPTION
	8/26/13	BID DOCUMENTS

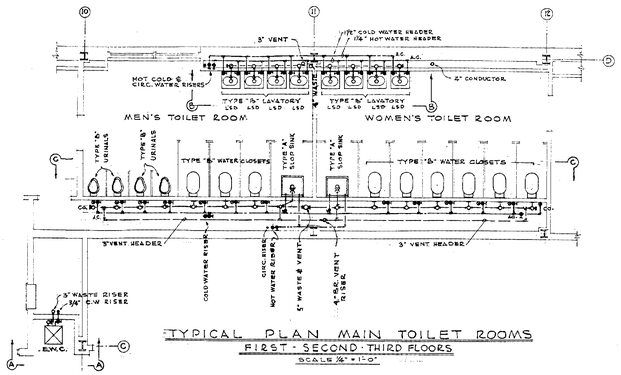
PROJECT NUMBER: 44845 – C

DESIGNED BY:
DRAWN BY:
FIELD CHECK:
APPROVED:

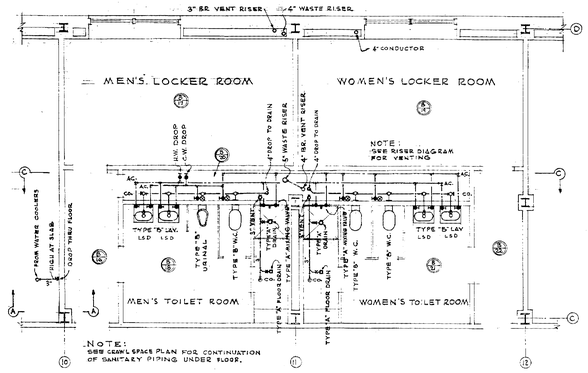
SHEET TITLE:
EXIST. PLUMBING REF. DWG.
ROOF PLAN

DRAWING NUMBER:
54–3006

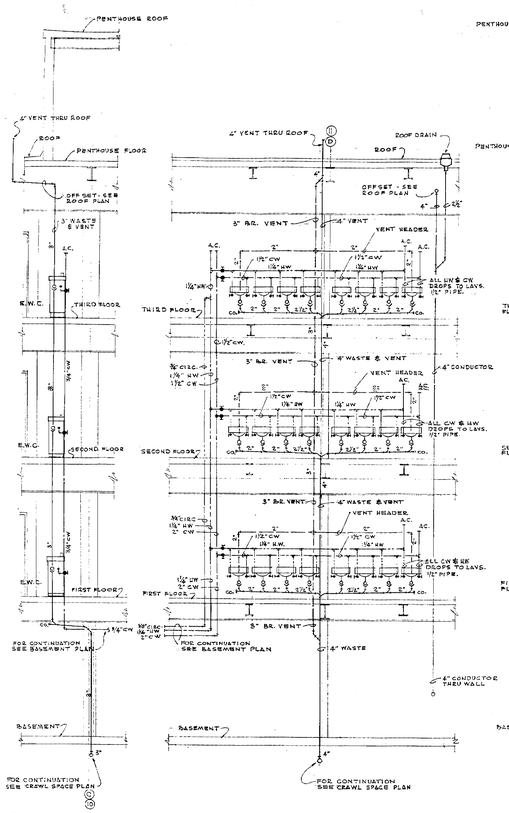
SHEET OF



TYPICAL PLAN MAIN TOILET ROOMS
FIRST · SECOND · THIRD FLOORS
SCALE ⅛" = 1'-0"

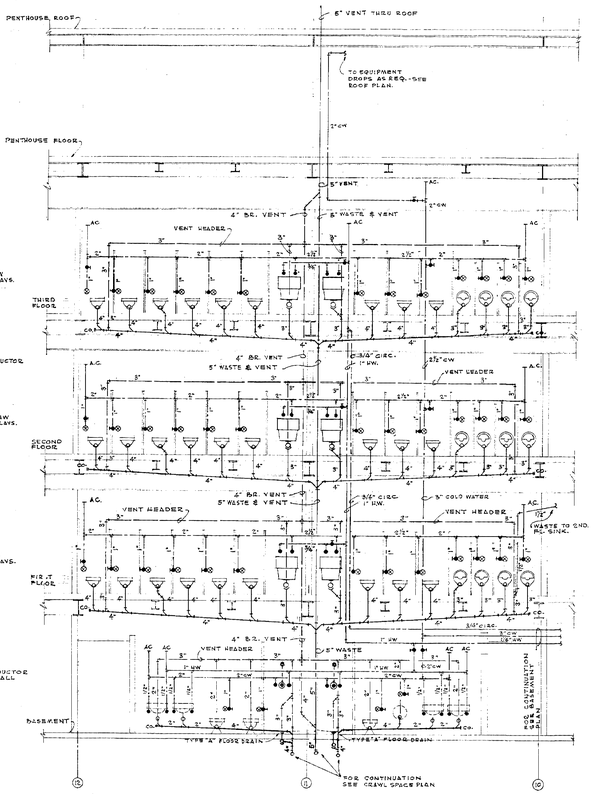


PLAN OF BASEMENT LOCKER & TOILET ROOMS
SCALE ⅛" = 1'-0"

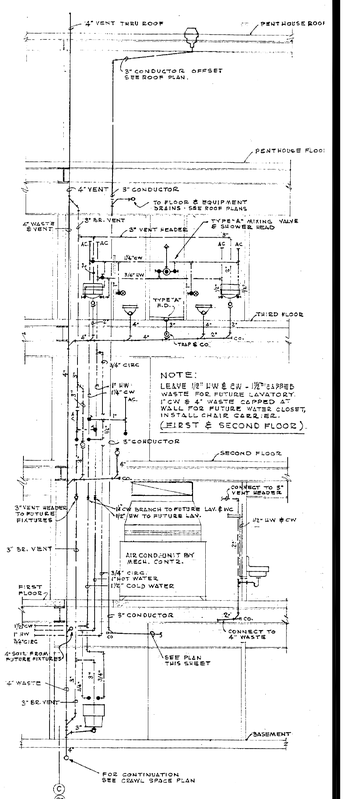


ELECTRIC WATER COOLER RISER SECTION A-A
SCALE ⅛" = 1'-0"

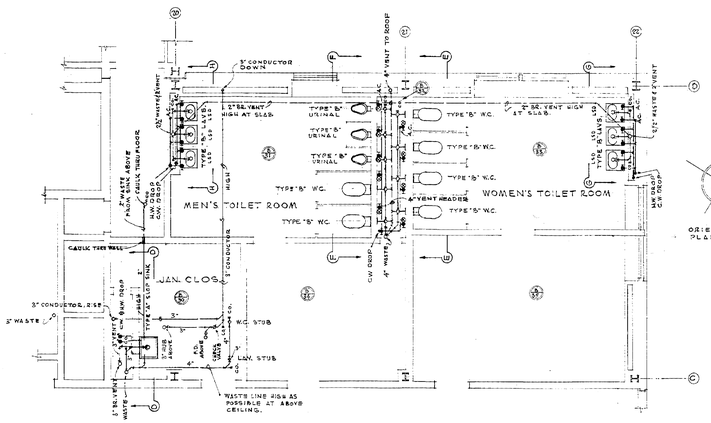
LAVATORY RISER DIAGRAM MAIN TOILET ROOMS, SECTION B-B
SCALE ¼" = 1'-0"



WATER CLOSET & URINAL RISER DIAGRAM MAIN TOILET ROOMS - SECTION C-C
(BASEMENT LOCKER & TOILET ROOMS)
SCALE ⅛" = 1'-0"

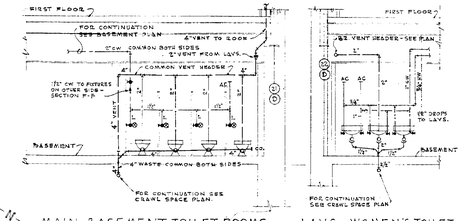


RISER DIAGRAM - WET COL. WEST
SECTION D-D
SCALE ⅛" = 1'-0"



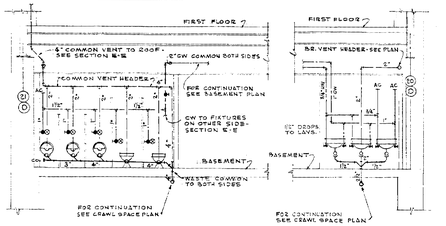
PLAN OF MAIN BASEMENT TOILET ROOMS
SCALE ⅛" = 1'-0"

ORIENTATION ALL PLANS THIS SHEET



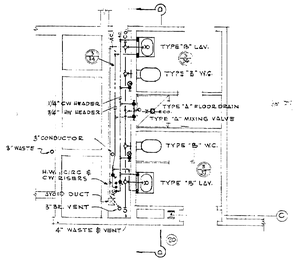
MAIN BASEMENT TOILET ROOMS
SECTION E-E
SCALE ⅛" = 1'-0"

LAVS. WOMEN'S TOILET
SECTION G-G
SCALE ⅛" = 1'-0"

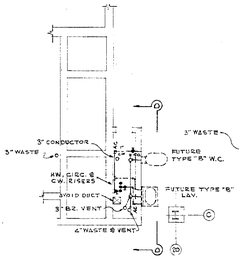


MAIN BASEMENT TOILET ROOMS
SECTION F-F
SCALE ⅛" = 1'-0"

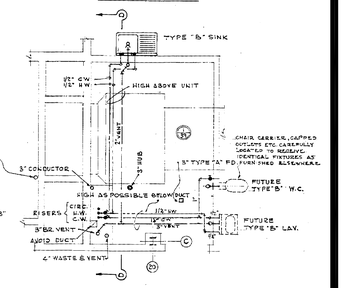
LAVS. MEN'S TOILET
SECTION H-H
SCALE ⅛" = 1'-0"



PLAN WEST STAIR RISER
THIRD FLOOR
SCALE ⅛" = 1'-0"



PLAN WEST STAIR RISER
SECOND FLOOR
SCALE ⅛" = 1'-0"



PLAN WEST STAIR RISER
FIRST FLOOR
SCALE ⅛" = 1'-0"

NOTE: DRAWING NOT TO SCALE

BLDG 1

DEPARTMENT OF CIVIL SERVICE
STATE OFFICE BUILDING
CAMPUS SITE ALBANY NEW YORK

DRAWN BY J. E. H.	SANITARY	FILE NO. 12978
TRACED BY J. E. H.	RISER DIAGRAMS & DETAILS	SPECIFICATION NO. 18883
DESIGN CHECKED BY J. L. O.	KENNETH G. REYNOLDS & ASSOCIATES ARCHITECTS	DATE AUG. 9, 1954
STRUCTURE DESIGNED BY LBD	ALBANY, NEW YORK J.L. OTTENHEIMER, CONSULTING ENGINEER ALBANY, NEW YORK	SCALE AS NOTED
FIELD CHECK BY ARCHT.	JOHN A. MAC CORMACK COMMISSIONER OF STANDARDS & PURCHASE	DRAWING NO. 54/3007
ENG.	STATE OF NEW YORK DEPARTMENT OF PUBLIC WORKS DIVISION OF CONSTRUCTION SUPERINTENDENT BERTRAM D. TALLAMY CORNELIS J. WHITE STATE ENGINEER	
APPROVED BY	APPROVED BLDG # 1	
	DATE	

SCANNED 2005

NYS OFFICE OF GENERAL SERVICES
Serving New York
ANDREW M. CUOMO
Governor
ROANN M. DESTITO
Commissioner

CONSULTANT

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CONTRACT:
CONSTRUCTION

TITLE:
DEMOLISH BUILDING
NOS. 1 & 1A

LOCATION:
STATE OFFICE BUILDING CAMPUS
1220 WASHINGTON AVENUE
ALBANY, N.Y. 12226

CLIENT:
NEW YORK STATE
OFFICE OF GENERAL SERVICES

MARK	DATE	DESCRIPTION
	8/26/13	BID DOCUMENTS

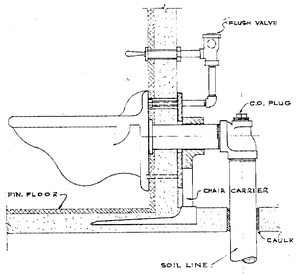
PROJECT NUMBER:	44845 – C
DESIGNED BY:	
DRAWN BY:	
FIELD CHECK:	
APPROVED:	

SHEET TITLE:
EXIST. PLUMBING REF. DWG.
RISER DIAGRAMS
AND DETAILS

DRAWING NUMBER:
54–3007

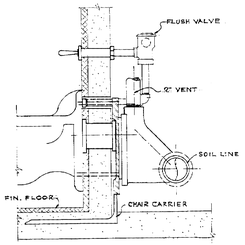
SHEET OF

Sep. 12,2013 – 10:11am
V:\Design\ArchConstr\p44845\CadStrct\PLUM\54-3007.dwg
36x24 PLOT SHEET



TYPICAL SUPPORT TYPE "B"
WATER CLOSETS 1st. FL. & ABOVE

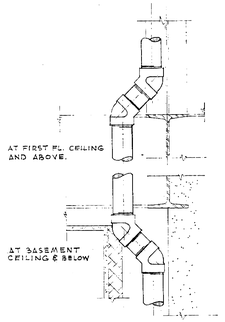
NO SCALE



TYPICAL SUPPORT TYPE "B"
WATER CLOSETS BASEMENT ONLY

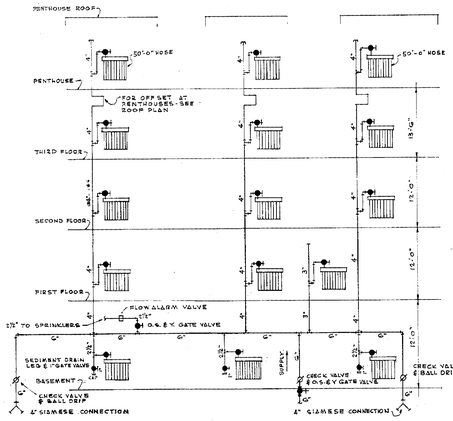
NO SCALE

NOTE:
ALL WATER CLOSETS INDICATED ON THE PLANS AS FUTURE TYPE 'B', SHALL HAVE TOP SPUD & EXPOSED FLUSH VALVE



TYPICAL DETAIL OF
CONDUCTOR OFFSETS

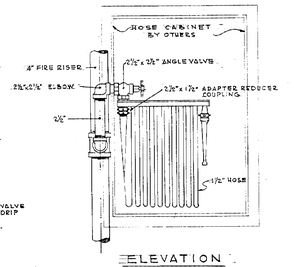
SCALE 1½" = 1'-0"



FIRE RISER DIAGRAM

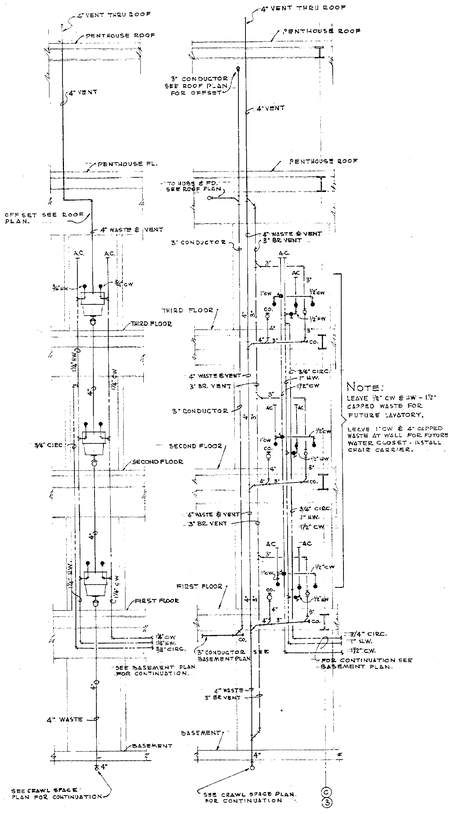
NO SCALE

NOTE:
ALL SEDIMENT DRAIN LEGS TO HAVE 1" GATE VALVE, SHORT NIPPLE & CAP.



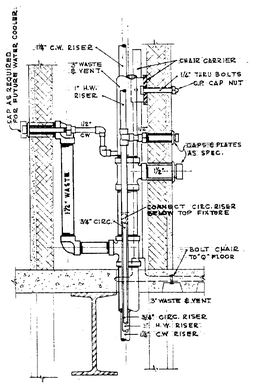
HOSE RACK DETAILS

SCALE 1" = 1'-0"



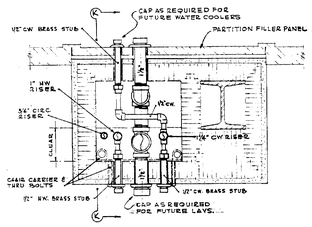
NOTE:
LEAVE ½" CW & SW - 1½" CAPPED WASTE FOR FUTURE LAVATORY.

LEAVE 1"CW & 4" CAPPED WASTE AT WALL FOR FUTURE WATER CLOSET - INSTALL CHAIR CARRIER.



TYPICAL WET COLUMN
SECTION "K-K"

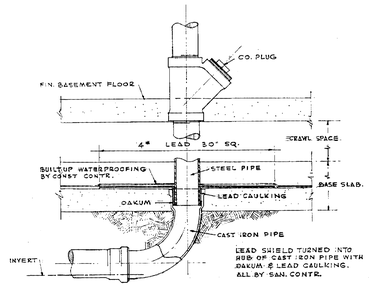
SCALE 1½" = 1'-0"



PLAN OF PIPING AT WET COLUMN
TYPE No. 1

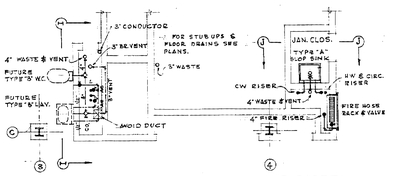
(TYPE No. 1A SIMILAR BUT REVERSED)

SCALE 1½" = 1'-0"



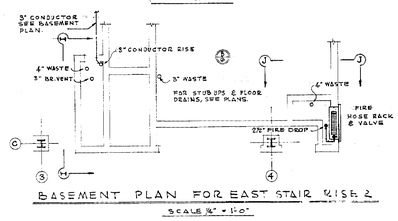
TYPICAL DETAIL WATER PROOF SEAL
(AT BASEMENT SLAB)

SCALE 1½" = 1'-0"



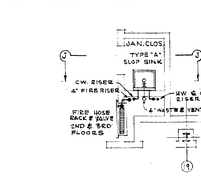
TYPICAL PLAN EAST STAIR RISER
FIRST, SECOND, THIRD FLOORS

SCALE ¼" = 1'-0"



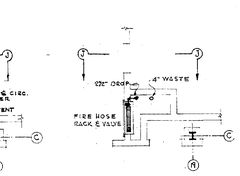
BASEMENT PLAN FOR EAST STAIR RISER #2

SCALE ¼" = 1'-0"



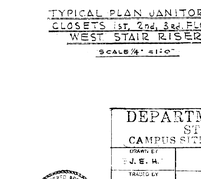
TYPICAL JANITORS CLOSET
RISER DIAGRAM SECTION J-J

SCALE ¼" = 1'-0"



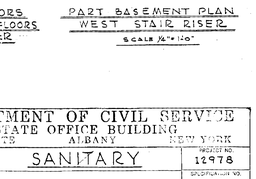
RISER DIAGRAM WET COL.
EAST - SECTION I-I

SCALE ¼" = 1'-0"



TYPICAL PLAN JANITORS CLOSETS 1st, 2nd, 3rd FLOORS
WEST STAIR RISER

SCALE ¼" = 1'-0"

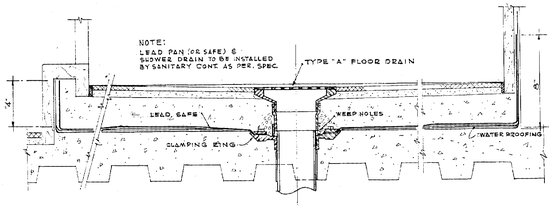


PART BASEMENT PLAN
WEST STAIR RISER

SCALE ¼" = 1'-0"

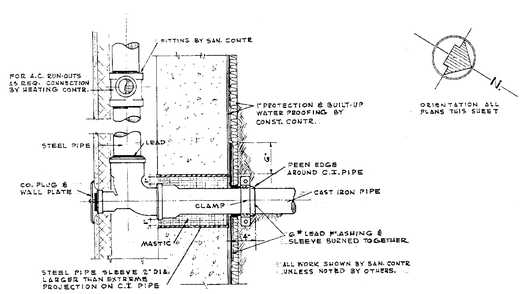
SCHEDULE OF WET COLUMNS

COL. NO.	WET COL.	FLOORS
F-5-6	TYPE NO.1	1ST. 2ND. 3RD.
E-15	TYPE NO.1	1 ST. 2ND. 3RD
C-17	TYPE NO.1	1ST. 2ND. 3RD.
F-18-9	TYPE No.1A	BASE, 1ST. 2ND. 3RD.
C-6	TYPE NO.1A	1 ST. 2ND. 3RD.
C-15	TYPE NO.1A	1 ST. 2ND. 3RD.



TYPICAL DETAIL SHOWER PAN & DRAIN

SCALE 3" = 1'-0"



TYPICAL DETAIL WATER PROOF SEAL
(AT BASEMENT WALL)

SCALE 1½" = 1'-0"

NOTE:
WATER PROOF SEAL APPLIED TO ALL DRAIN LINES THRU FOUNDATION WALL FROM CRAWL SPACE & ABOVE

NOTE: DRAWING NOT TO SCALE

DEPARTMENT OF CIVIL SERVICE
STATE OFFICE BUILDING
CAMPUS SITE ALBANY NEW YORK

DRAWN BY J.E.H.	SANITARY	PROJECT NO. 12978
TRACED BY J.E.H.	DETAILS	SPECIFICATION NO. 18883
CHECKED BY J.L.O.	KENNETH G. REYNOLDS & ASSOCIATES ARCHITECTS ALBANY, NEW YORK	DATE AUG. 9 1954
STRUCTURAL CHECKED BY L.J.D.	J. DOTTENHEIMER, CONSULTING ENGINEER ALBANY, NEW YORK	SCALE AS NOTED
FIELD CHECK BY ARCHT.	JOHN A. MACCORMACK COMMISSIONER OF STANDARDS & PURCHASE STATE OF NEW YORK	DRAWING NO. 54/3008
ENG. APPROVED BY	DEPARTMENT OF PUBLIC WORKS DIVISION OF CONSTRUCTION BERTRAM D. TALLAMY SUPERINTENDENT CORNELIUS J. WHITE STATE ARCHITECT	

APPROVED
DATE AUG 8 1958

BLDG # 1

NYS OFFICE OF GENERAL SERVICES

Serving New York

ANDREW M. CUOMO
Governor
ROANN M. DESTITO
Commissioner

CONSULTANT

WARNING:
THE ALTERATION OF THIS MATERIAL IN ANY WAY, UNLESS DONE UNDER THE DIRECTION OF A COMPARABLE PROFESSIONAL, I.E. ARCHITECT FOR AN ARCHITECT, ENGINEER FOR AN ENGINEER OR LANDSCAPE ARCHITECT FOR A LANDSCAPE ARCHITECT, IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW AND/OR REGULATIONS AND IS A CLASS 'A' MISDEMEANOR.

CONTRACT:
CONSTRUCTION

TITLE:
DEMOLISH BUILDING
NOS. 1 & 1A

LOCATION:
STATE OFFICE BUILDING CAMPUS
1220 WASHINGTON AVENUE
ALBANY, N.Y. 12226

CLIENT:
NEW YORK STATE
OFFICE OF GENERAL SERVICES

MARK	DATE	DESCRIPTION
	8/26/13	BID DOCUMENTS

PROJECT NUMBER: 44845 - C

DESIGNED BY:

DRAWN BY:

FIELD CHECK:

APPROVED:

SHEET TITLE:
EXIST. PLUMBING REF. DWG. DETAILS

DRAWING NUMBER:
54-3008

SHEET OF

Sep 12,2013 - 10:14am
W:\Designs\Const\gr48ax\44845\CadStrc\PLUM\54-3008.dwg
36x24 PLOT SHEET