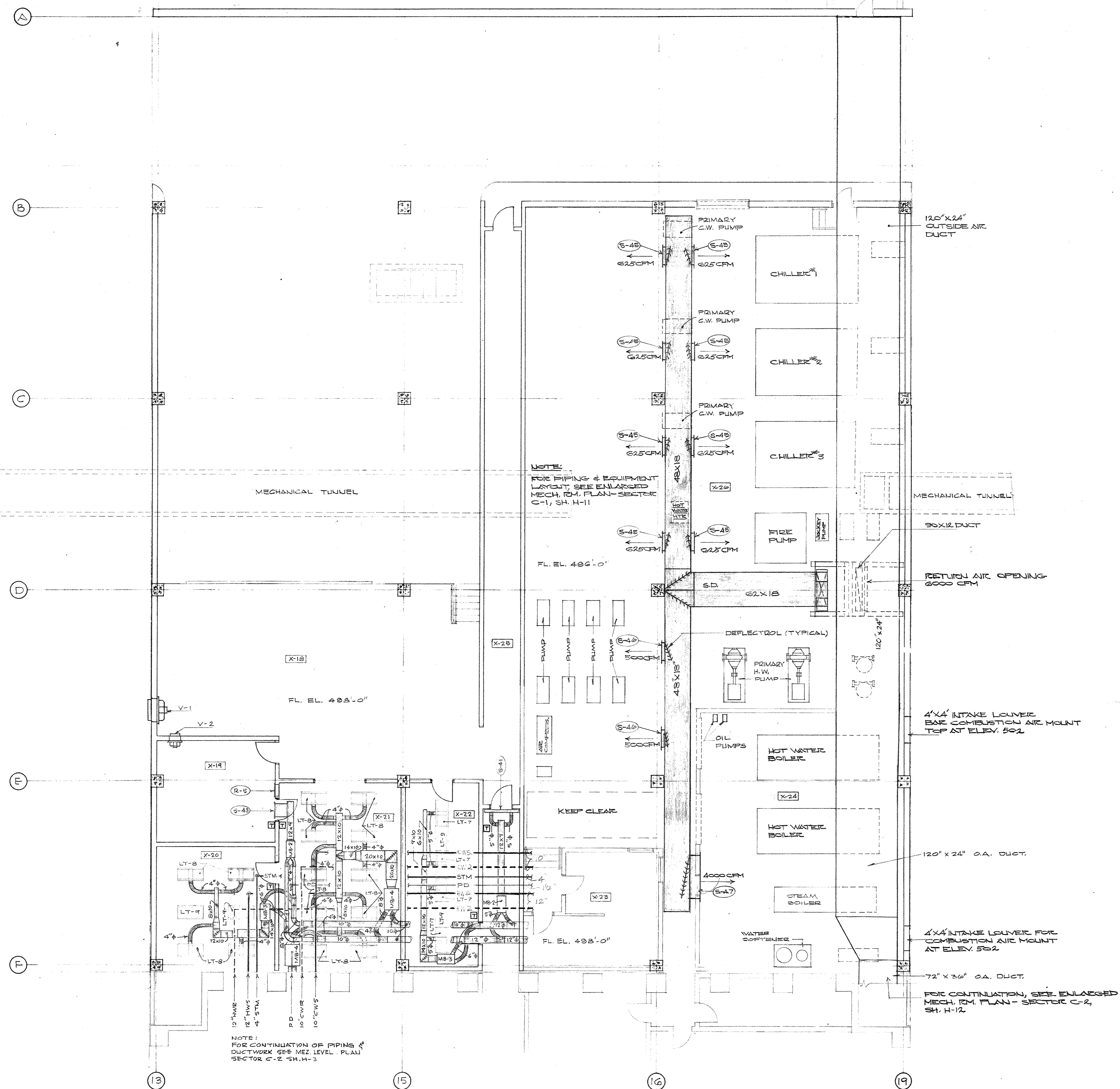


OFFICE DWG NO	ARCH DWG NO	BLD'G SECTOR	NAME OF BUILDING	TITLE OF DRAWING	BRANCH OF WORK	DRAWN BY	DATE	REMARKS
CPA-165	PH-16	E-3	Capital Plaza Office Bldg Frankfort, Ky.	Plumbing & Ventilating Plan - Mezzanine Level	Mechanical & Elect	D S	5/15/67	Lee Potter Smith & Assoc
" 166	PH-17	B-1		" Plan - Plaza Level		SWIFT		
" 167	PH-18	B-2		" " " "		"		
" 168	PH-19	B-3		" " " "		"		
" 169	PH-20	C-1		" " " "		"		
" 170	PH-21	C-3		" " " "		"		
" 171	PH-22	D-1		" " " "		"		
" 172	PH-23	D-2		" " " "		"		
" 173	PH-24	D-3		" " " "		"		
" 174	PH-25	E-1		" " " "		"		
" 175	PH-26	E-2		" " " "		D S		
" 176	PH-27	E-3		" " " "		SWIFT		
" 177	PH-28	C-3		Arrival Court Fountain Plan & Diagrams		"		
" 178	PH-29	E-1		St Clair Street " " "		"		
" 179	PH-30	C-1		Hill Street " " "		"		
" 180	PH-31	A-1		Cooling Tower Plan & Details		O G C		
" 181	P-1	C-1		Plumbing Plan - Ground Level		OCC/DS		
" 182	P-2	C-2		" " " "		SWIFT		
" 183	P-3	C-2		" " Mezzanine Level		"		
" 184	P-4	C-2		" " Lobby Level		"		
" 185	P-5	C-2		" " Floor 13 A		"		
" 186	P-6	C-2		" " Penthouse & Roof		"		
" 187	P-7	C-2		Office Cores		"		
" 188	P-8			Sanitary Waste & Vent Diagram		"		
" 189	P-9			Sanitary Waste & Vent Diagram		"		
" 190	P-10			Sanitary Waste & Vent Diagram		"		
" 191	P-11			Domestic Water Piping Diagram		"		
" 192	P-12			" " " "		"		
" 193	P-13			" " " "		"		
" 194	P-14			" " " "		"		
" 195	H-1	C-1		Mechanical Room Plans - Diagram		"		
" 196	H-2	C-2		Heating & Air Conditioning Plan - Ground Level	M E CH	T F		
" 197	H-3	C-2		" " " " " " " "		T F		
" 198	H-4	C-2		" " " " " " Mezzanine Level		"		
" 199	H-5	C-2		" " " " " " Lobby Level		"		
" 200	H-6	C-2		" " " " " " Floors thru 12 & 15 thru 23		"		
" 201	H-7	C-2		" " " " " " 14th Floor		"		
" 202	H-8	C-2		" " " " " " 24th Floor		"		
" 203	H-9	C-2		" " " " " " Roof & Penthouse		"		
" 204	H-10	C-2		Enlarged Core Plan		"		
" 205	H-11	C-1		Enlarged Core Plan & Details		"		

OFFICE DWG NO	ARCH DWG NO	BLD'G SECTOR	NAME OF BUILDING	TITLE OF DRAWING	BRANCH OF WORK	DRAWN BY	DATE	REMARKS
CPA-206	H-12	C-2	Capital Plaza Office Bldg Frankfort, Ky	Enlarged Mechanical Room Plan	Mechanical	T F	5/15/67	Lee Potter Smith & Assoc
" 207	H-13	C-1		Mechanical Room Piping Diagram		"		
" 208	H-14	C-1		Mechanical Room Sections & Details		O G C		
" 209	H-15	C-2		Enlarged Fan Room Plan - Floor 13-A		T F		
CPA-209 " 210	H-16	C-2	<i>CL 5 209</i>	" " " " " 13-B		"		
" 211	H-17	C-2		Sections & Details		"		
" 212	H-18	C-2		Fan Room Piping Diagrams		"		
" 213	H-19	C-2		Duct Riser Diagrams		"		
" 214	H-20	C-2		Duct & Pipe Riser Diagrams		"		
" 215	H-21	C-2		Flow Diagram		"		
" 216	H-22	C-2		Details		"		
" 217	H-23	C-2		Schedules		"		
" 218	E-1	B-1		Ground Level Plan	Electrical	TRAHAN		
" 219	E-2	B-2		" " "		"		
" 220	E-3	B-3		" " "		"		
" 221	E-4	C-1		" " "		"		
" 222	E-5	C-3		" " "		"		
" 223	E-6	D-1		" " "		"		
" 224	E-7	D-2		" " "		"		
" 225	E-8	D-3		" " "		"		
" 226	E-9	B-2		Mezzanine Level Plan		"		
" 227	E-10	B-2		" " "		"		
" 228	E-11	B-3		" " "		"		
" 229	E-12	C-1		" " "		"		
" 230	E-13	C-3		" " "		"		
" 231	E-14	D-1		" " "		"		
" 232	E-15	D-2		" " "		"		
" 233	E-16	D-3		" " "		"		
" 234	E-17	E-1		" " "		"		
" 235	E-18	E-2		" " "		"		
" 236	E-19	E-3		" " "		"		
" 237	E-20	B-1		Plan " "		"		
" 238	E-21	B-2		" " "		"		
" 239	E-22	B-3		" " "		"		
" 240	E-23	C-1		" " "		"		
" 241	E-24	C-3		" " "		"		
" 242	E-25	D-1		" " "		"		
" 243	E-26	D-2		" " "		"		
" 244	E-27	D-3		" " "		"		
" 245	E-28	E-1		" " "		"		
" 246	E-29	E-2		" " "		"		



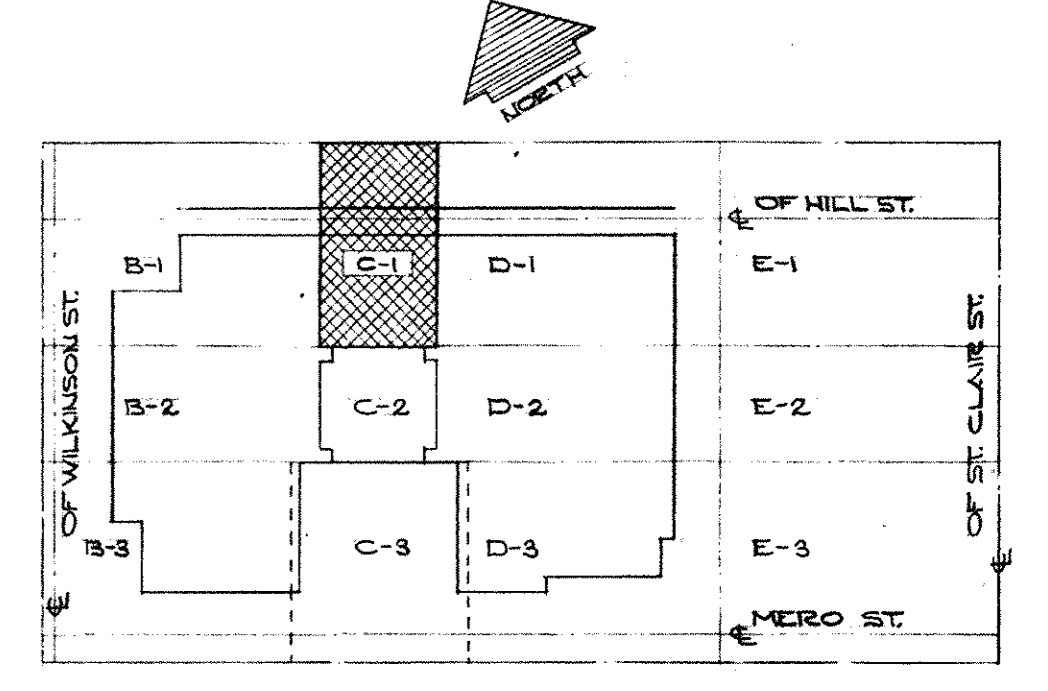
HEATING AND AIR CONDITIONING PLAN-GROUND LEVEL - SECTOR C-1
SCALE: 1/8" = 1'-0"

PIPING LEGEND	
FOSS	FUEL OIL SUPPLY
FOFR	FUEL OIL RETURN
RG	REFRIGERANT HOT GAS
RLG	REFRIGERANT LIQUID
D	CONDENSATE DRAINAGE
D	DRAIN
CWS	CHILLED WATER SUPPLY
CWR	CHILLED WATER RETURN
HWS	HOT WATER SUPPLY
HWR	HOT WATER RETURN
ES	CONDENSER WATER SUPPLY
ESR	CONDENSER WATER RETURN
STM	STEAM
CR	CONDENSATE RETURN
PD	PUMP DISCHARGE
FW	FEED WATER
CW	DOMESTIC COLD WATER
SW	SOFTENED WATER
	TYPICAL VALVE; SCREWED DOWN; FLANGED DOWN
	GATE VALVE PLAN; END VIEW
	BALANCING VALVE PLAN; END VIEW
	CHECK VALVE PLAN; END VIEW
	SAFETY RELIEF VALVE PLAN; END VIEW
	GLOBE VALVE PLAN
	PRESSURE REDUCING VALVE PLAN; ELEVATION
	2-WAY CONTROL VALVE PLAN; ELEVATION
	3-WAY CONTROL VALVE PLAN; ELEVATION
	BUTTERFLY CONTROL VALVE PLAN; ELEVATION
	BUTTERFLY VALVE PLAN; ELEVATION
	STRAINER PLAN; ELEVATION
	CONCENTRIC REDUCER PLAN; ELEVATION
	ECCENTRIC REDUCER PLAN; ELEVATION
	MANUAL AIR VENT PLAN; ELEVATION
	FLEXIBLE CONNECTION
	UNION
	DRAIN VALVE
	THERMOMETER
	PRESSURE GAUGE WITH SHUTOFF VALVE

AIR SYSTEM LEGEND	
	ROUND DUCTWORK
	OVAL DUCTWORK-MAJOR AXIS X MINOR AXIS
	FLEXIBLE DUCT
	RECTANGULAR DUCTWORK-VISIBLE DIMENSIONS
	RISE IN DUCTWORK-RISE IN DIRECTION OF ARROW
	TRANSITION-ROUND TO OVAL DUCTWORK
	TRANSITION-ROUND TO RECTANGULAR DUCTWORK
	ROUND DUCT: UP, DOWN
	SUPPLY AIR DUCT: UP, DOWN
	RETURN AIR DUCT: UP, DOWN
	EXHAUST AIR DUCT: UP, DOWN
	ROOM NUMBER
	DUCT RISER SYMBOL
	PIPE RISER SYMBOL
	SECTION "A" IS CUT ON SHEET H-1 AND DRAWN ON SHEET H-2
	OPPOSED BLADE DAMPER
	TURNING VANES
	DIRECTION OF AIR FLOW
	ROOM THERMOSTAT
	SUPPLY AIR OUTLET SYMBOL
	RETURN AIR OUTLET SYMBOL
	EXHAUST AIR OUTLET SYMBOL
	ELECTRIC DUCT HEATER
	VARIABLE VOLUME INDUCTION UNIT
	AIR HANDLING TROOPER
	DUAL DUCT MIXING BOX
	OUTSIDE AIR
	PUMP
	RETURN AIR
	TERMINAL REHEAT UNIT
	SUPPLY AIR
	VENTILATING FAN

- GENERAL NOTES**
- COORDINATE LOCATIONS OF GRILLES, DUCTS & PIPING WITH ELEC. CONTR. ASSESS. LIGHTING PLANS FOR EXACT LOCATION OF GRILLES IN CEILING.
 - PROVIDE AIR VENTS IN ALL HIGH POINTS & DRAIN VALVES AT ALL LOW POINTS IN THE WATER PIPING SYSTEMS.
 - HEATING CONTRACTOR RESPONSIBLE FOR SIZE & LOCATION OF ALL SUBVES IN FLOOR SLAB, BEAMS, ETC.

NOTE
MECHANICAL FEASIBILITY SUPPLEMENTED BY THE MECHANICAL OF THE FOLLOWING:
1. CHANGE ORDER DWA N# 87 ITGA N# 2018 (MAY) 1
2. CHANGE ORDER DWA N# 6 ITGA N# 2 DATED 2/12/89

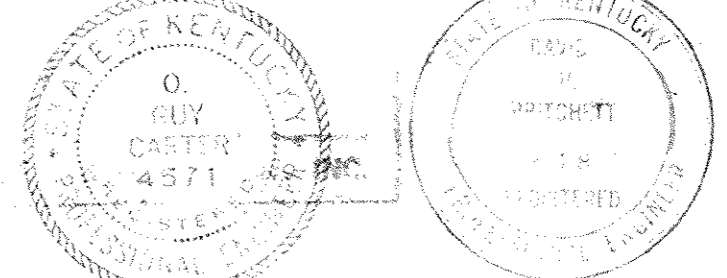


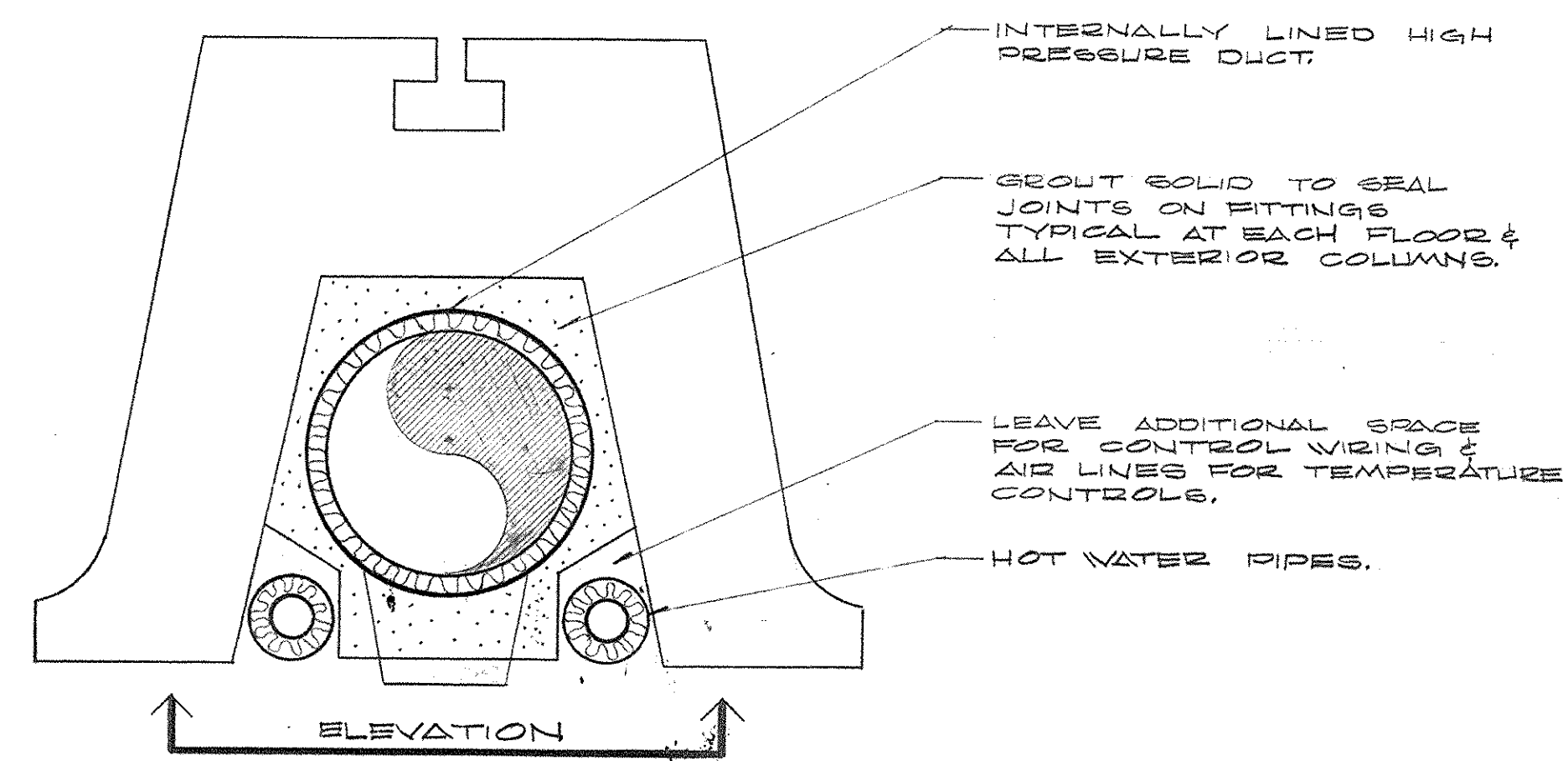
KEY PLAN - GROUND LEVEL
NO SCALE

CAPITAL PLAZA OFFICE BUILDING
FRANKFORT, KENTUCKY

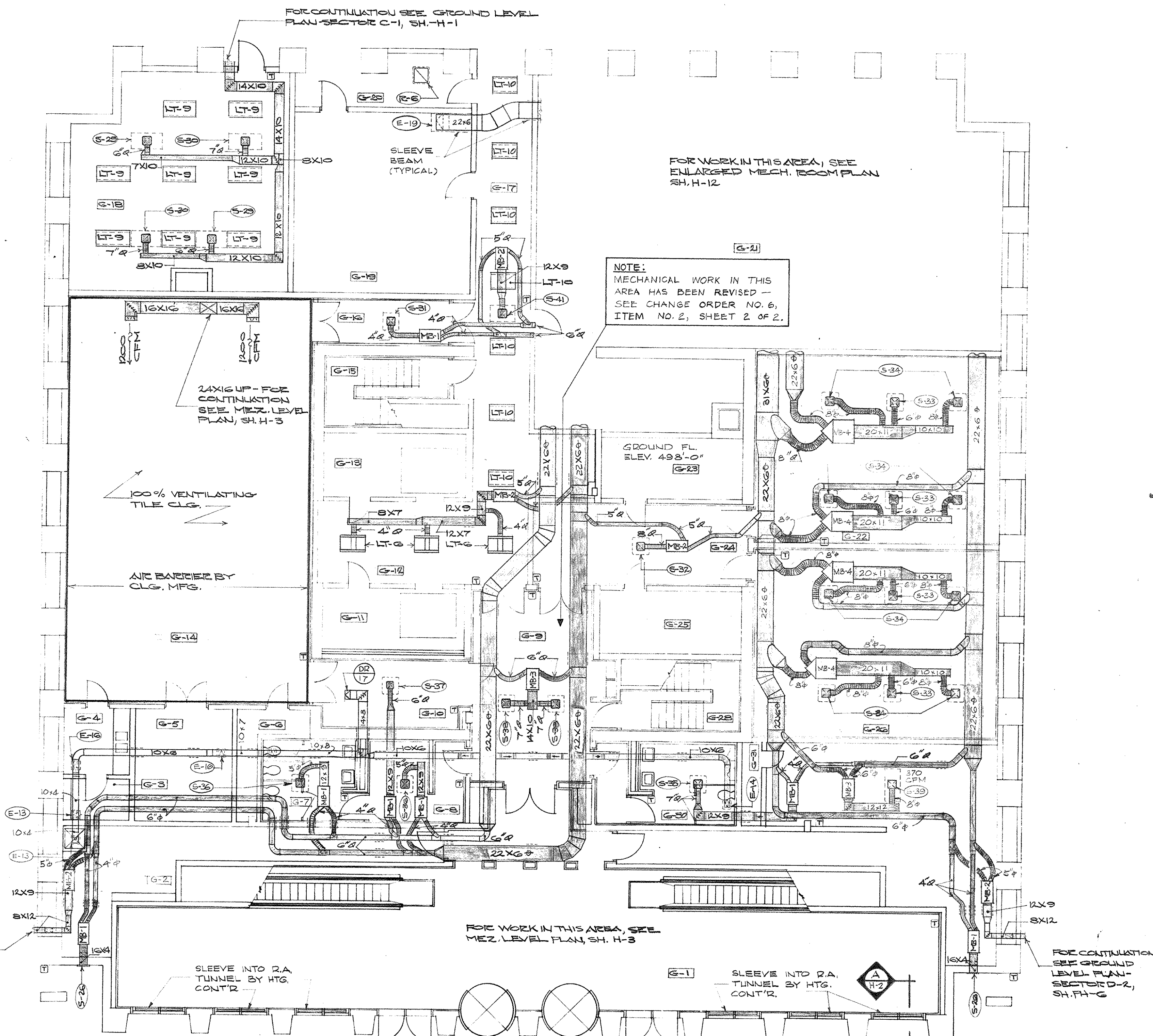
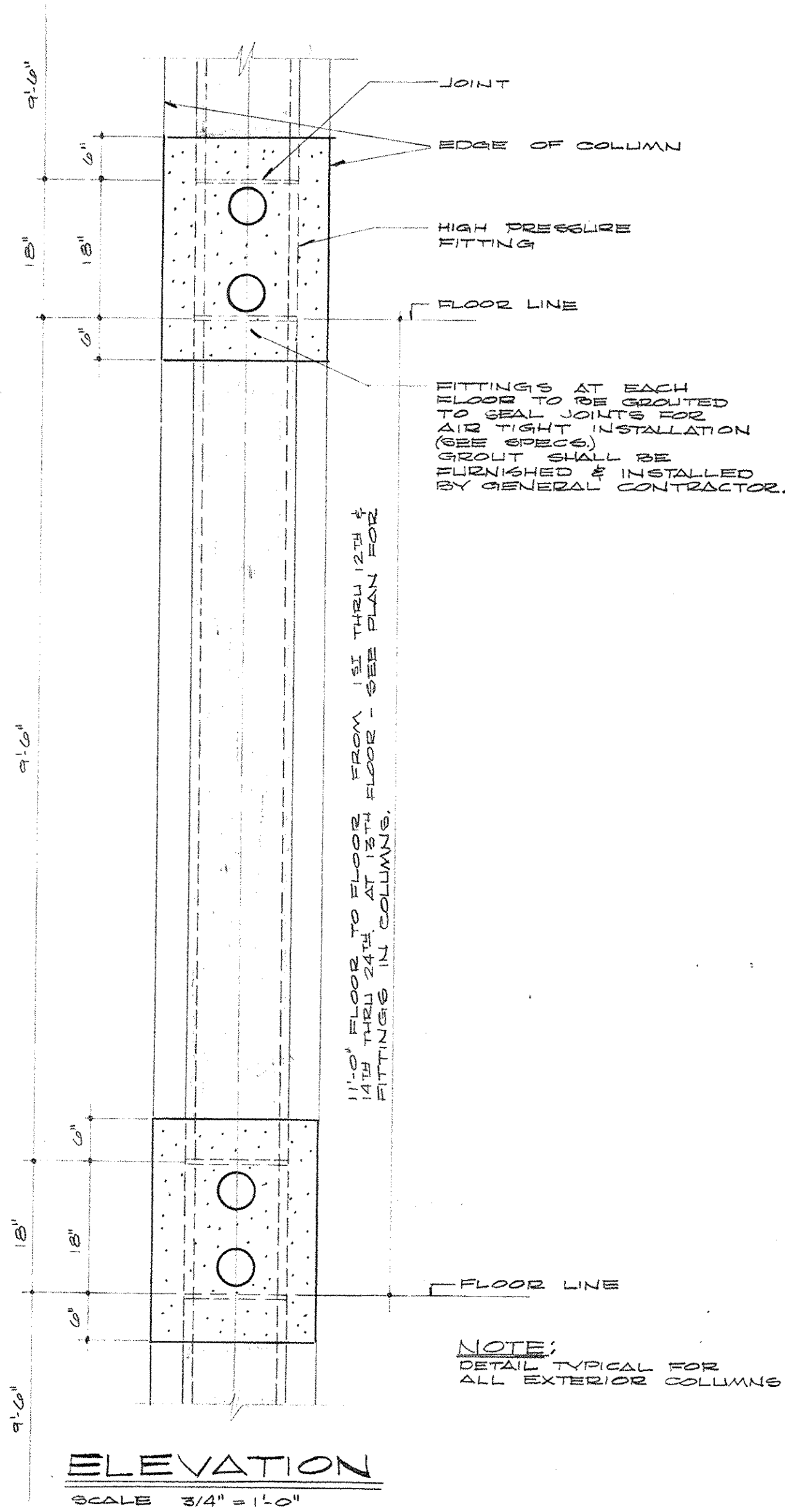
DRAWN BY T.P.	HEATING AND AIR CONDITIONING PLAN GROUND LEVEL-SECTOR C-1	DATE 15 MAY 87
TRACED BY T.P.	ARCHITECT EDWARD DURELL STONE	SCALE AS SHOWN
CHECKED BY G.C.C.	7 EAST 67TH STREET NEW YORK N.Y.	COMM. NO. 20022
SECTOR NO. C 1	ASSOCIATE ARCHITECTS & ENGINEERS LEE POTTER SMITH & ASSOCIATES 314 WILKINSON FRANKFORT, KENTUCKY	DRAWING NO. H 1
	COMMONWEALTH OF KENTUCKY DEPARTMENT OF FINANCE - ENGINEERING STAFF FRANKFORT, KENTUCKY	DATE MAY 24 1987
APPROVED BY ARCHITECT		DATE
APPROVED BY AGENCY HEAD W. M. McConnell		DATE
APPROVED BY OWNER		DATE

AS-BUILT DRAWINGS
DATE: JAN 13
HUGG, CARTER & BLAKEMAN, INC.

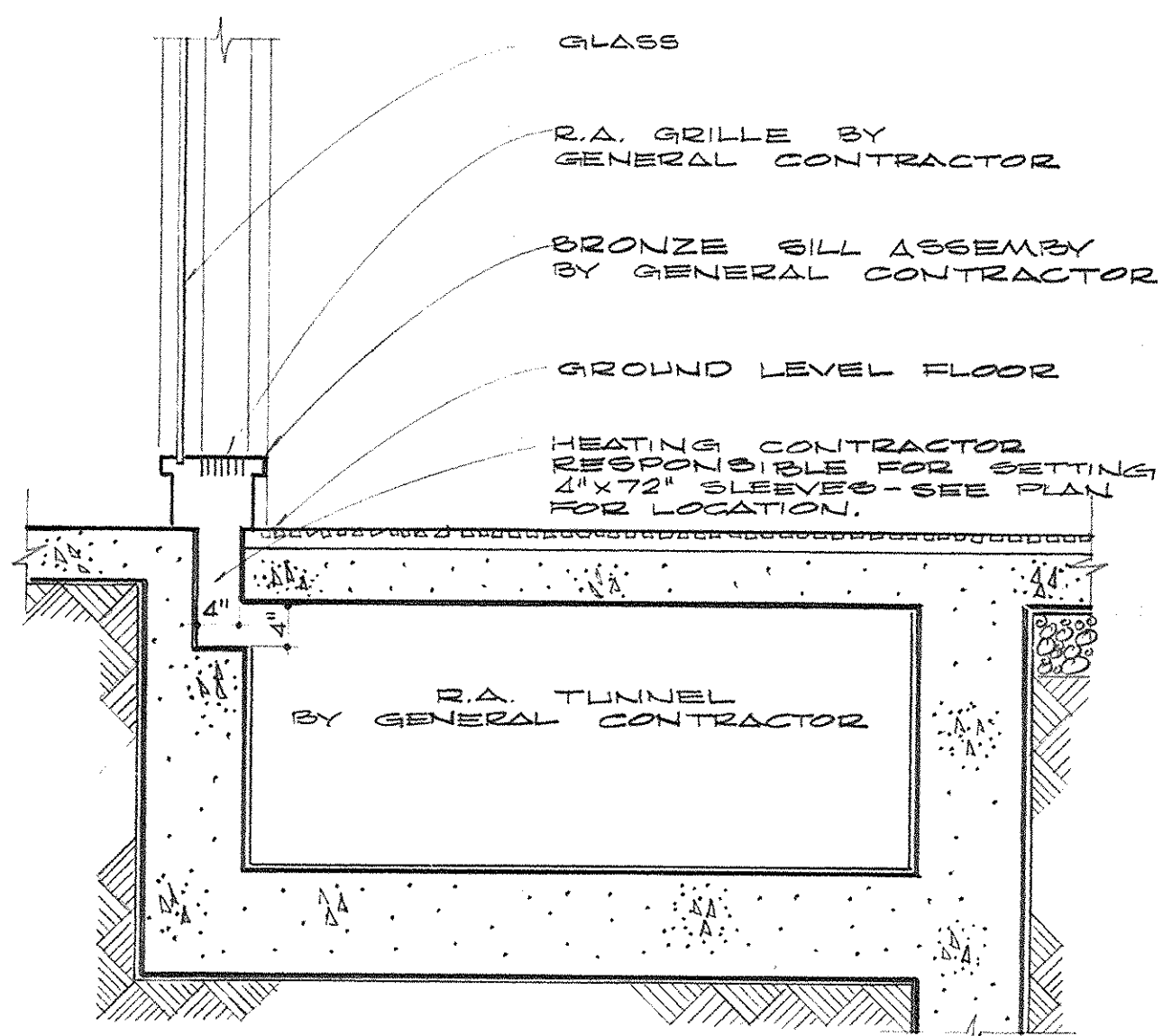




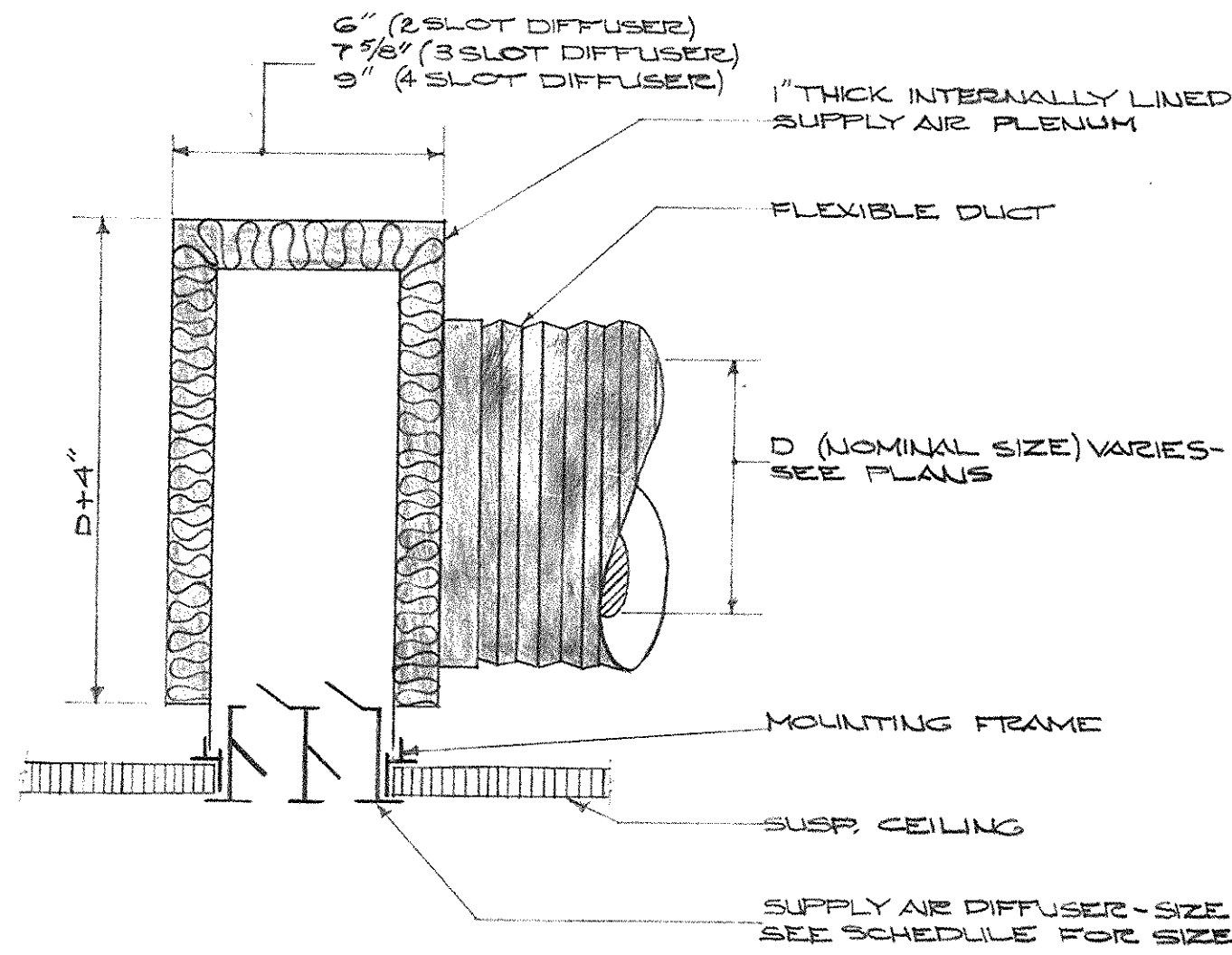
TYPICAL EXTERIOR COLUMN HIGH PRESSURE DUCT INST.
SCALE 1/2" = 1'-0"



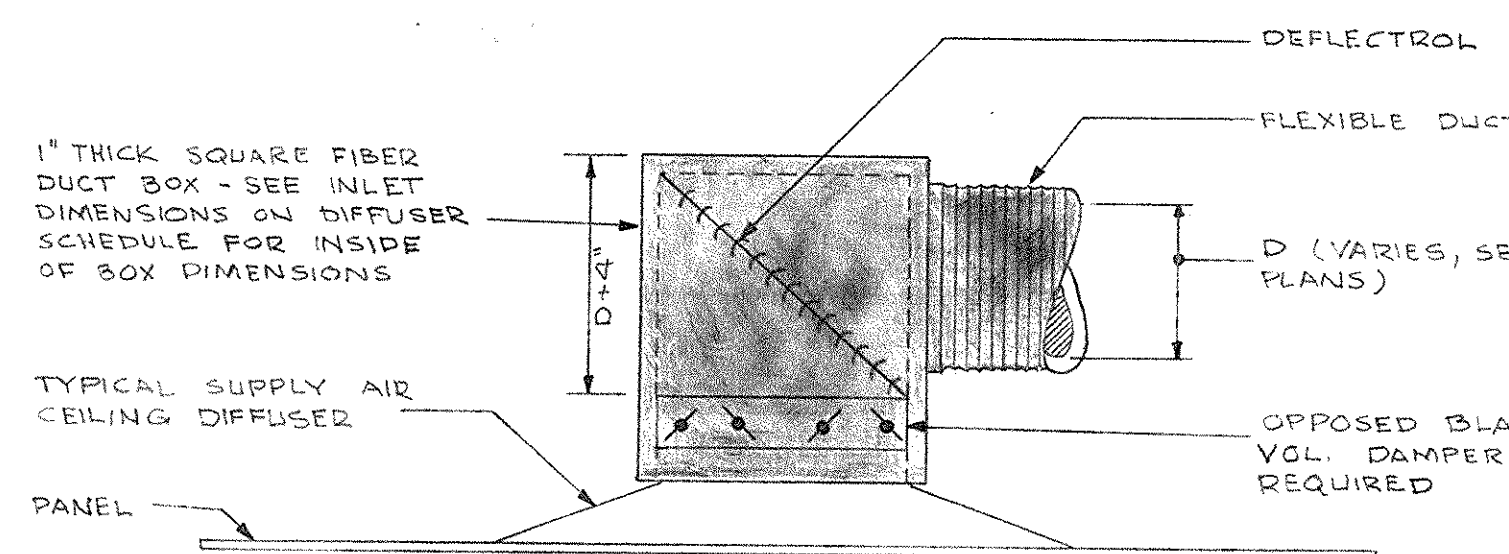
HEATING AND AIR CONDITIONING PLAN - GROUND LEVEL - SECTOR C-2
SCALE: 1/8" = 1'-0"



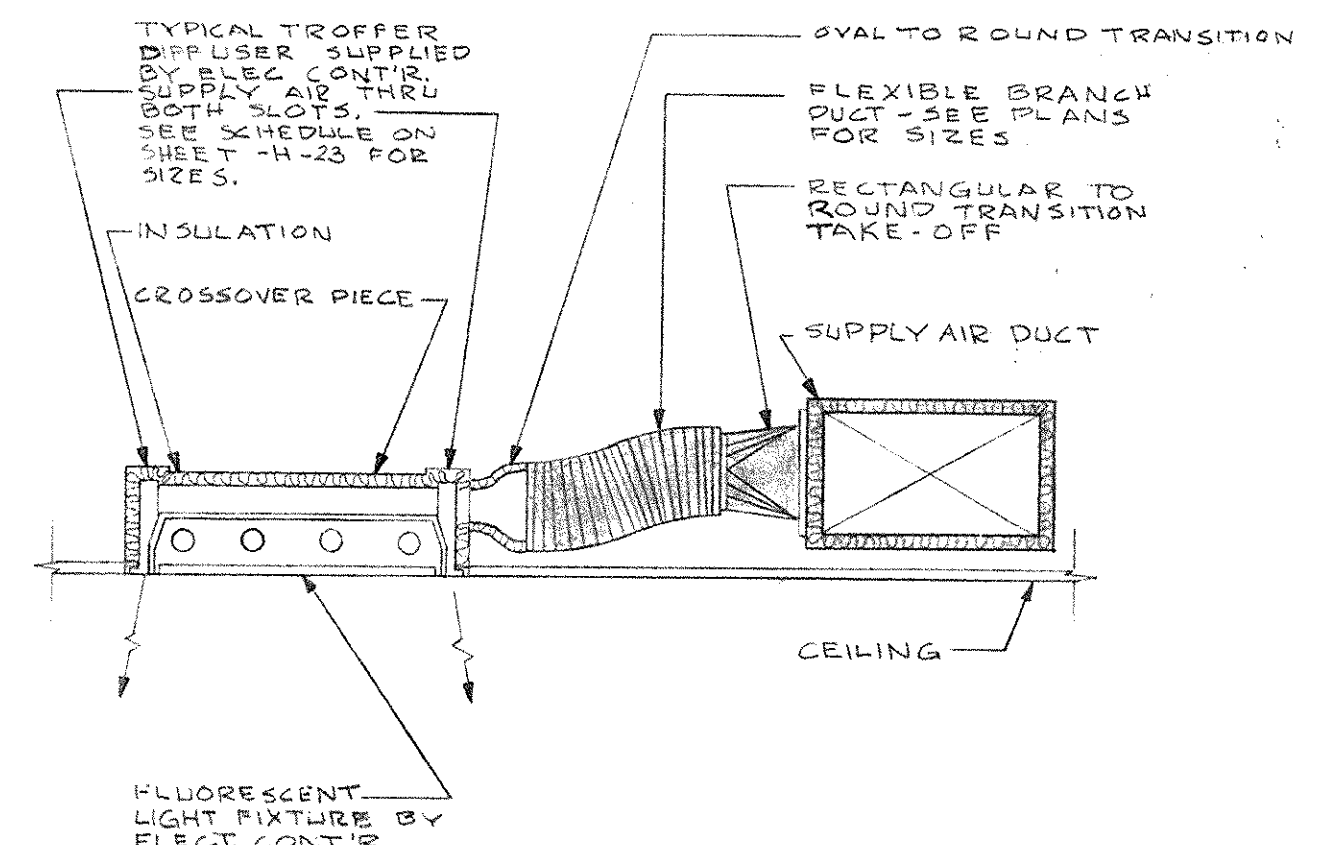
SECTION
SCALE 3/4" = 1'-0"



LINEAR S.A. DIFFUSER INSTALLATION DETAIL
SCALE

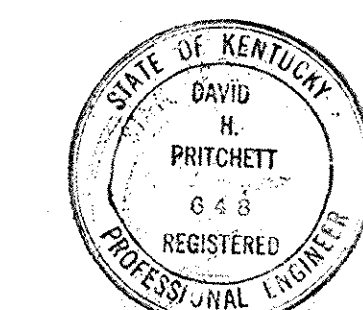


DETAIL OF CONNECTION TO CEILING DIFFUSER
NO SCALE

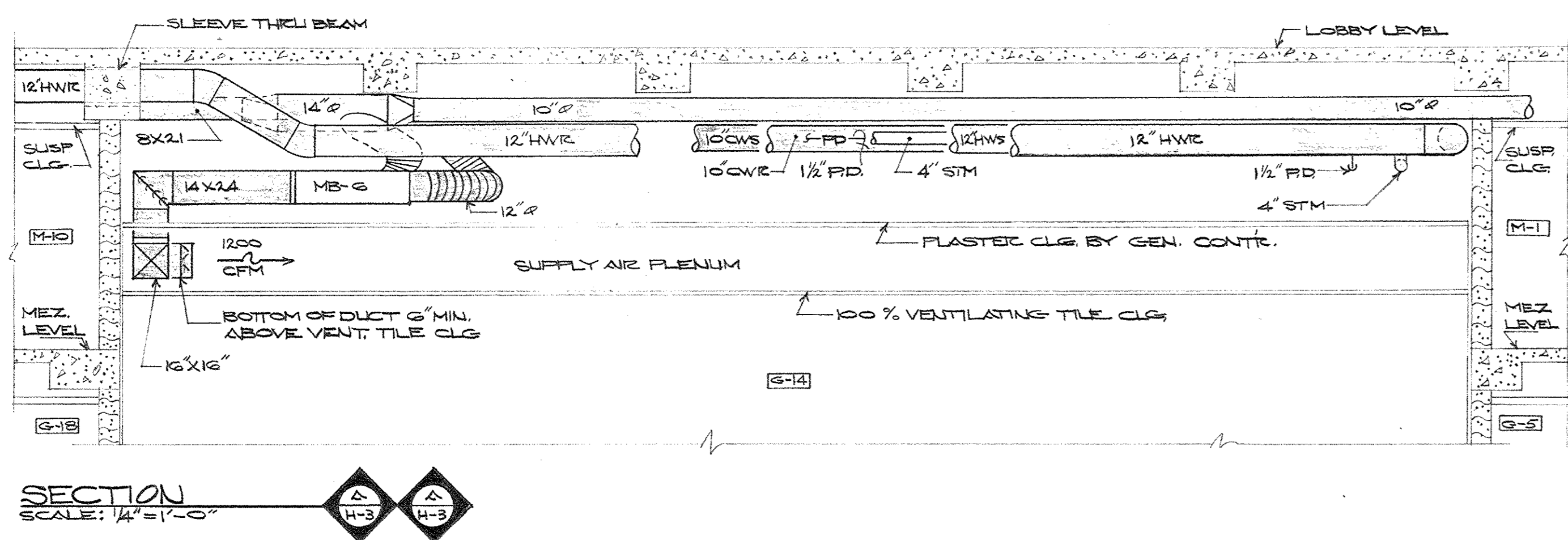


DETAIL - CONNECTION TO TYPICAL TROFFER DIFFUSERS
NO SCALE

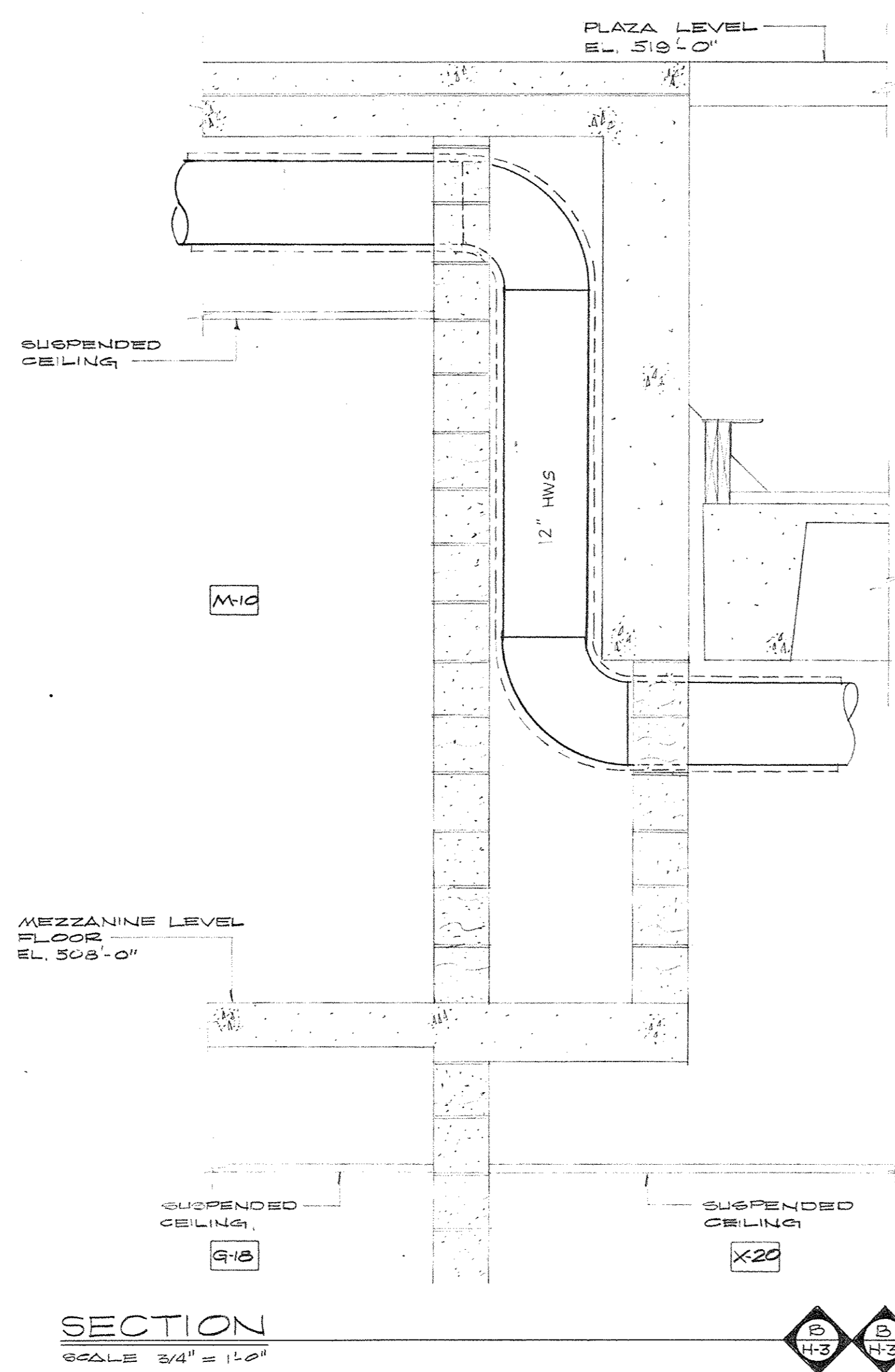
AS-BUILT DRAWINGS
DATE: JAN 73
MURD, OLIVER & BLACKMAN, INC.



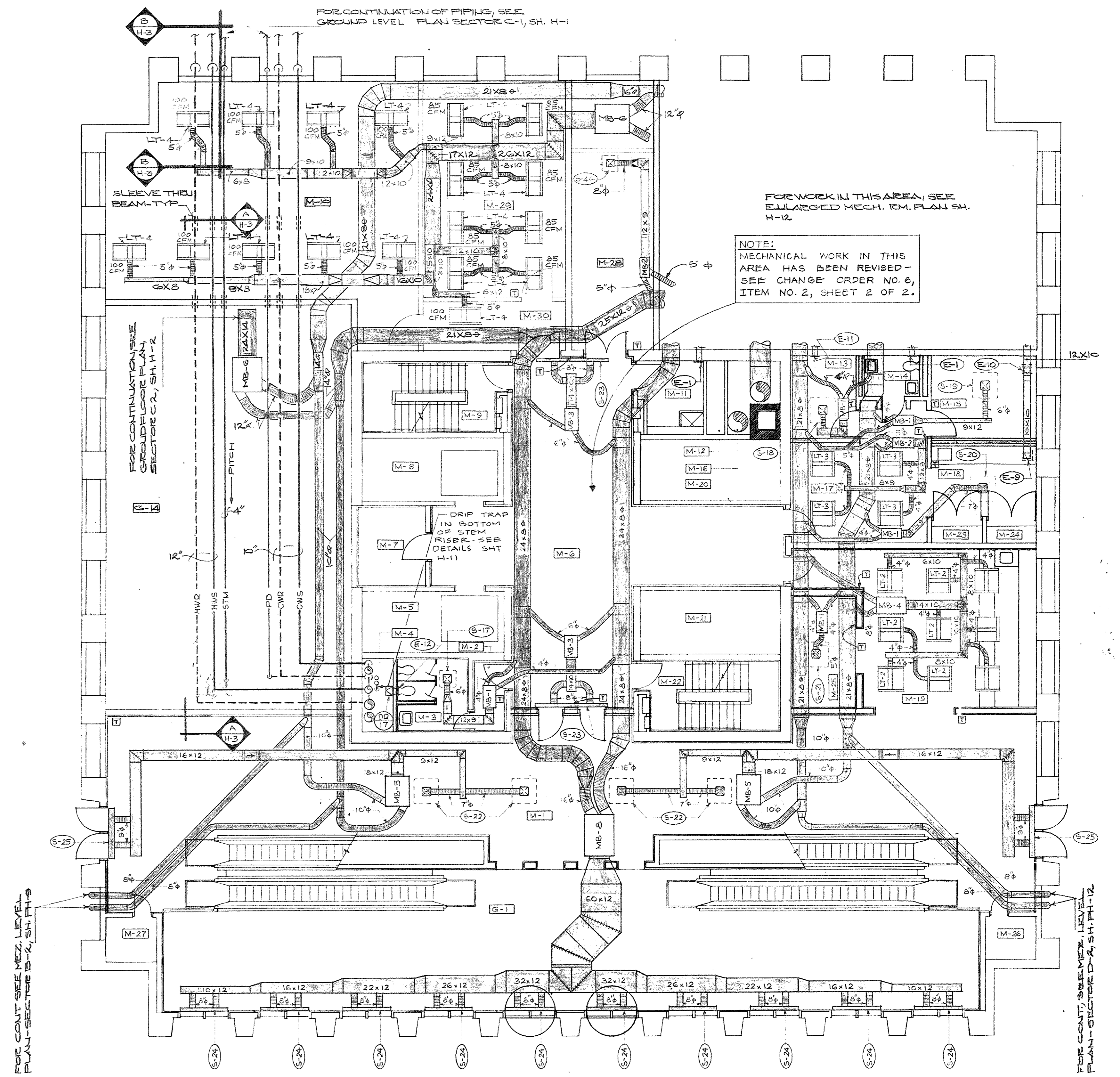
CAPITAL PLAZA OFFICE BUILDING		
FRANKFORT, KENTUCKY		
DRAWN BY T.F.	HEATING AND AIR CONDITIONING PLAN - GROUND LEVEL - SECTOR C-2	DATE 15 MAY 67
TRACED BY T.F.	ARCHITECT EDWARD DURELL STONE	SCALE AS SHOWN
CHECKED BY S.C.S.	7 EAST 67TH STREET ASSOCIATE ARCHITECTS & ENGINEERS LEE POTTER SMITH & ASSOCIATES	COMMONWEALTH OF KENTUCKY DEPARTMENT OF FINANCE - ENGINEERING STAFF
SECTOR NO. C 2	FRANKFORT, KENTUCKY	DRAWING NO. H 2
APPROVED BY ARCHITECT	DATE	OF H-23
APPROVED BY AGENCY HEAD	DATE	
APPROVED BY OWNER	DATE	



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



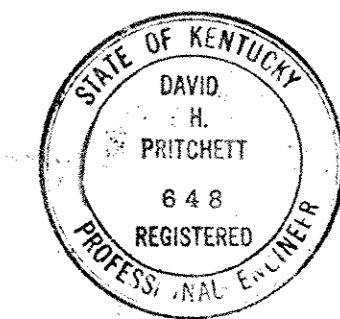
SECTION
SCALE: 3/4" = 1'-0"



HEATING AND AIR CONDITIONING PLAN - MEZZANINE LEVEL
SCALE: 1/8" = 1'-0"

FOR WORK IN THIS AREA, SEE
ENLARGED MECH. PLAN SH. H-12.
NOTE:
MECHANICAL WORK IN THIS
AREA HAS BEEN REVISED -
SEE CHANGE ORDER NO. 6,
ITEM NO. 2, SHEET 2 OF 2.

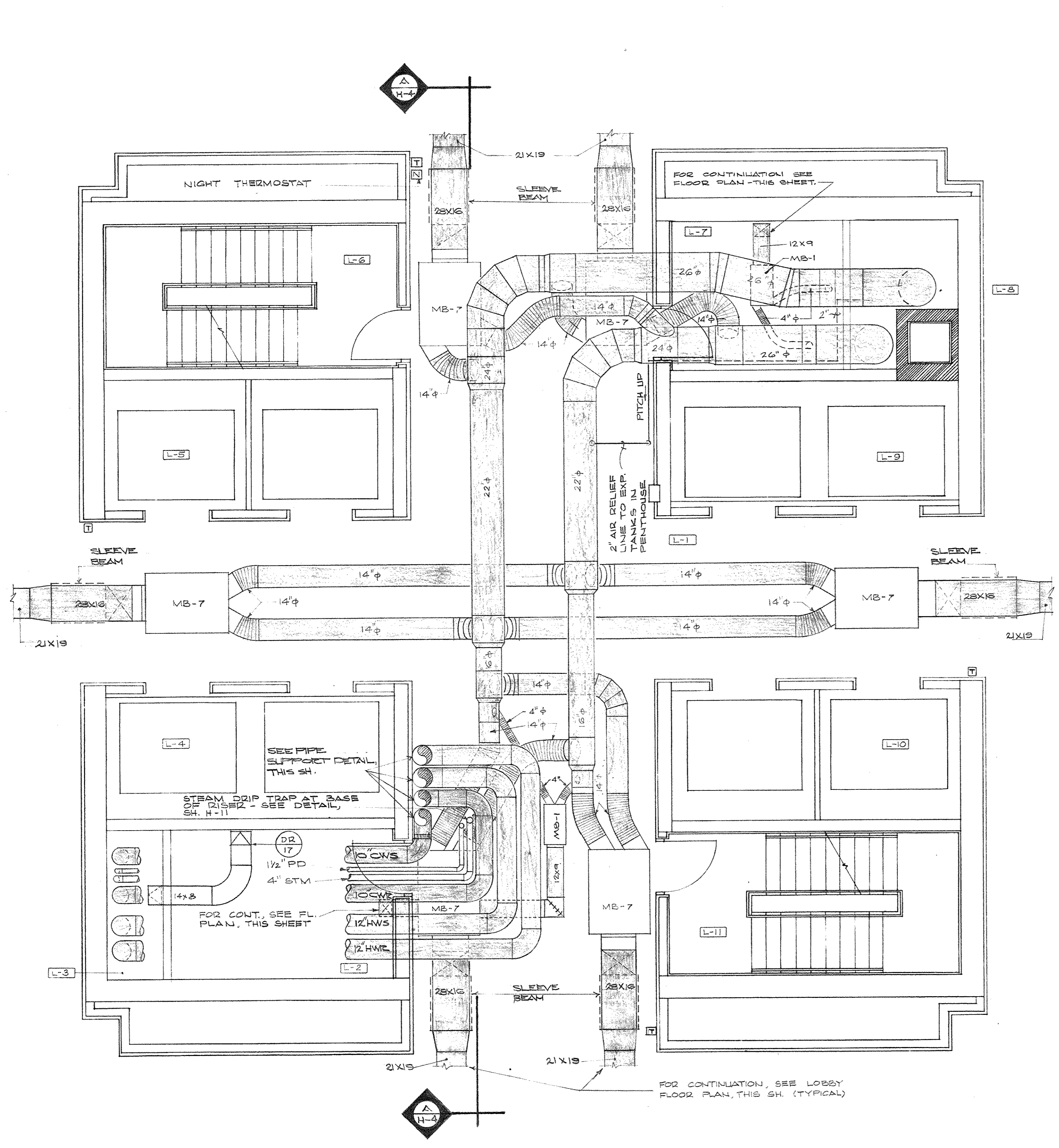
AS-BUILT DRAWINGS
DATE: JAN 73
HUGG, CARTER & FLANNERY, INC.



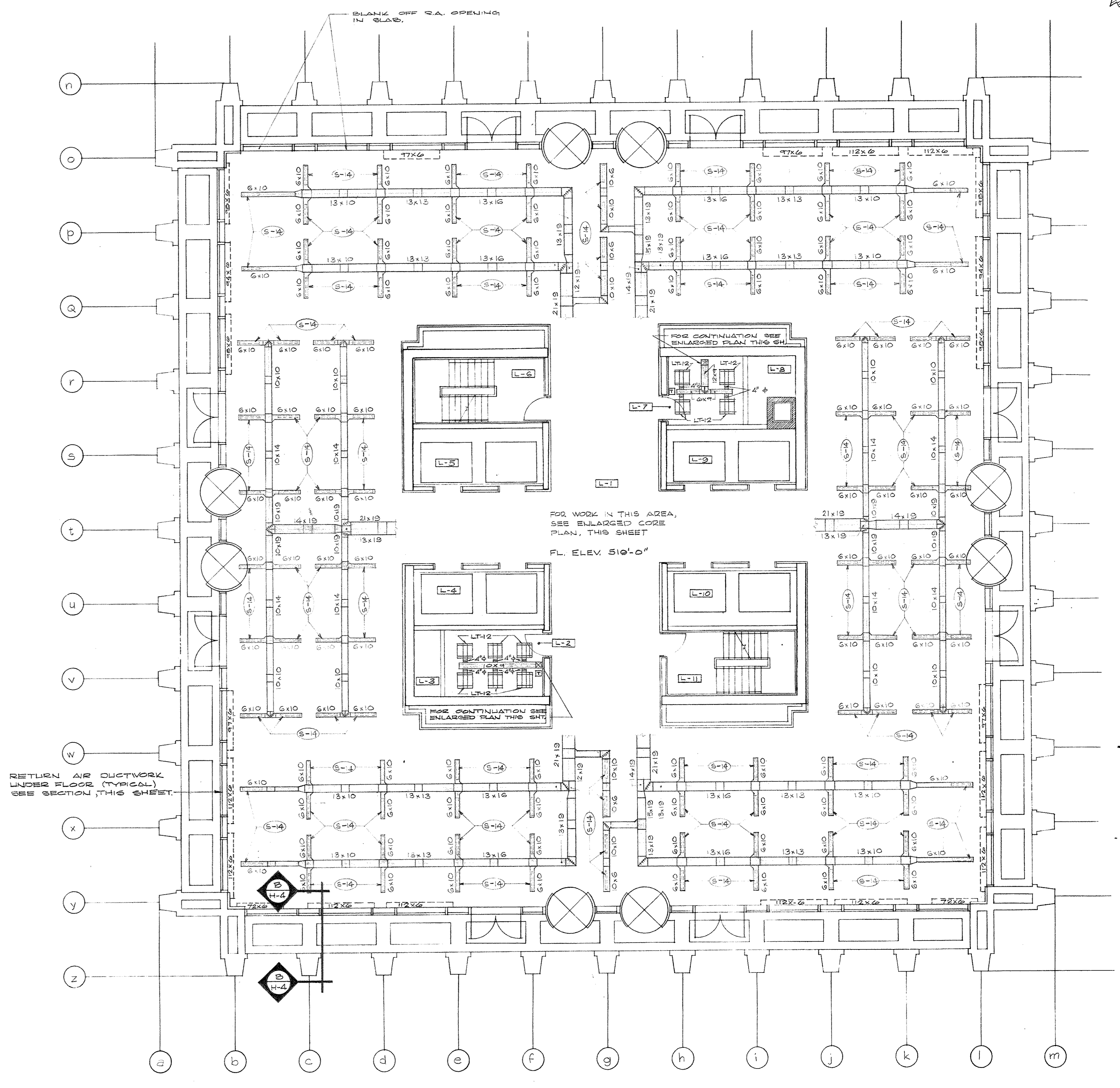
CAPITAL PLAZA OFFICE BUILDING
FRANKFORT, KENTUCKY

DRAWN BY T.F.	HEATING AND AIR CONDITIONING PLAN MEZZANINE LEVEL	DATE 15 MAY 67
CHECKED BY D.G.S.	ARCHITECT EDWARD DURELL STONE 7 EAST 67TH STREET NEW YORK, N. Y.	SCALE AS SHOWN
SECTOR NO. C 2	ASSOCIATE ARCHITECTS & ENGINEERS LEE POTTER SMITH & ASSOCIATES 314 WILKINSON FRANKFORT, KENTUCKY	COMM. NO. 55046
	COMMONWEALTH OF KENTUCKY DEPARTMENT OF FRANCE - ENGINEERING STAFF FRANKFORT, KENTUCKY	DRAWING NO. H 3
APPROVED BY ARCHITECT	DATE	OF H-23
APPROVED BY AGENCY HEAD	DATE	MAY 24 1967
APPROVED BY OWNER	DATE	

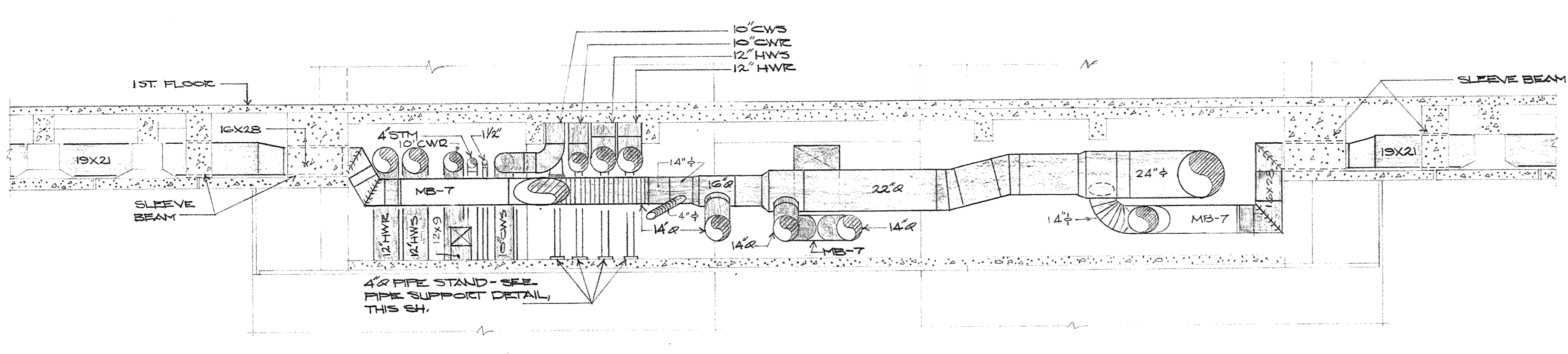
CAP 197



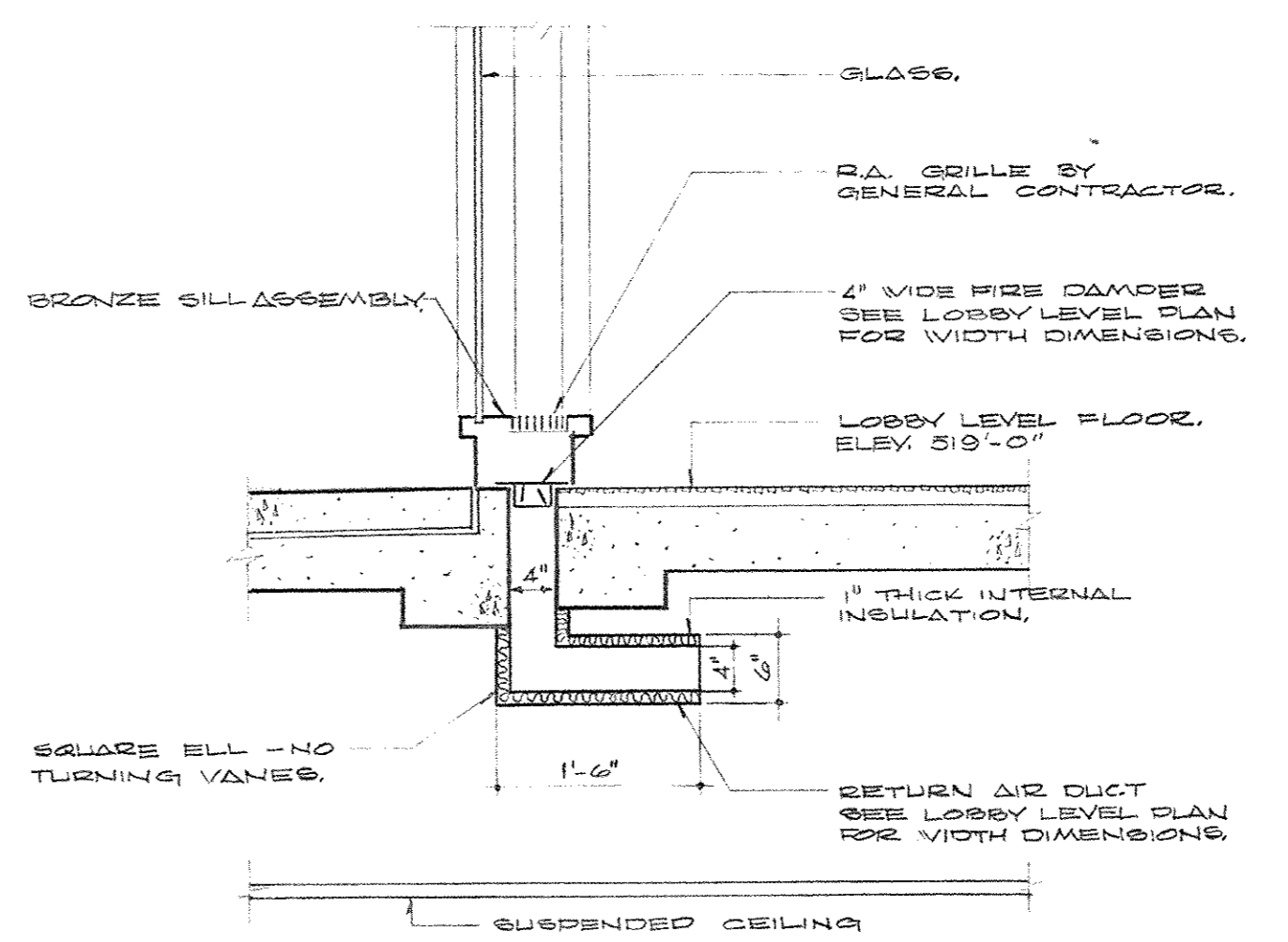
ENLARGED CORE PLAN - LOBBY
SCALE: 1/2" = 1'-0"



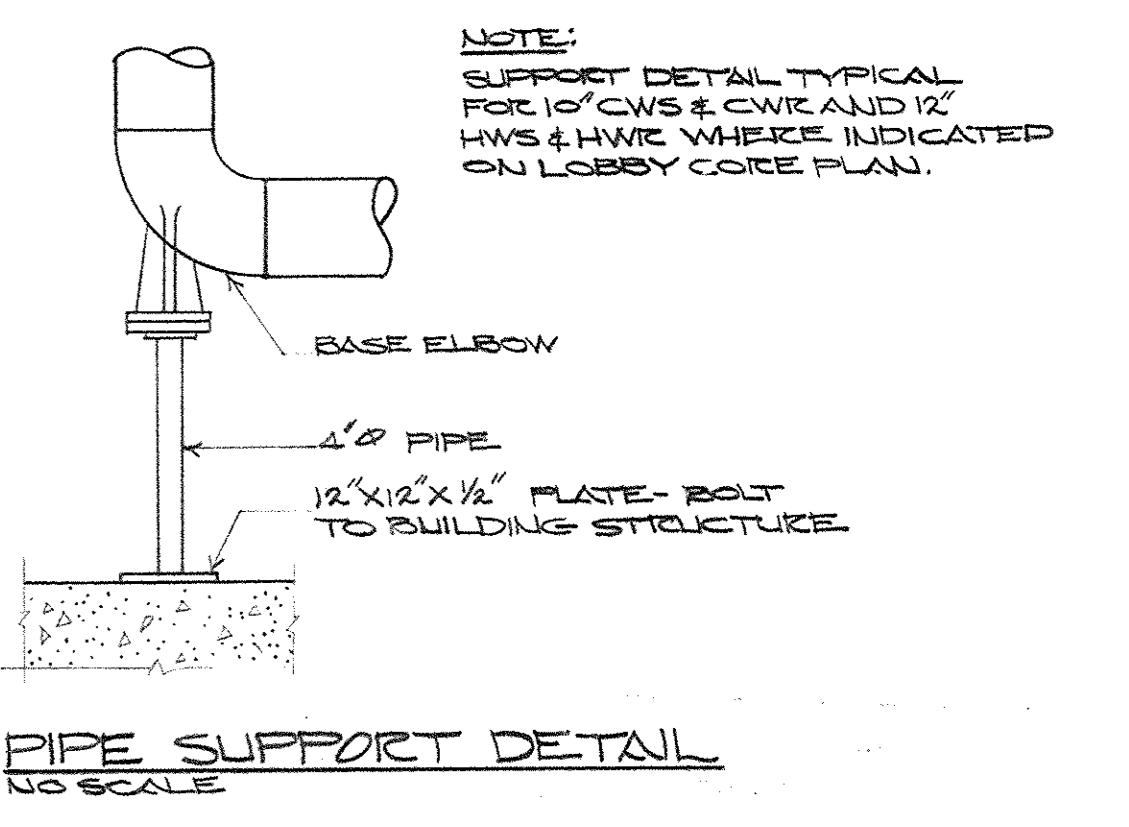
HEATING AND AIR CONDITIONING PLAN - LOBBY LEVEL
SCALE: 1/8" = 1'-0"



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

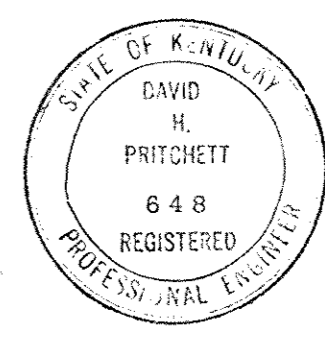


SECTION
SCALE: 3/4" = 1'-0"



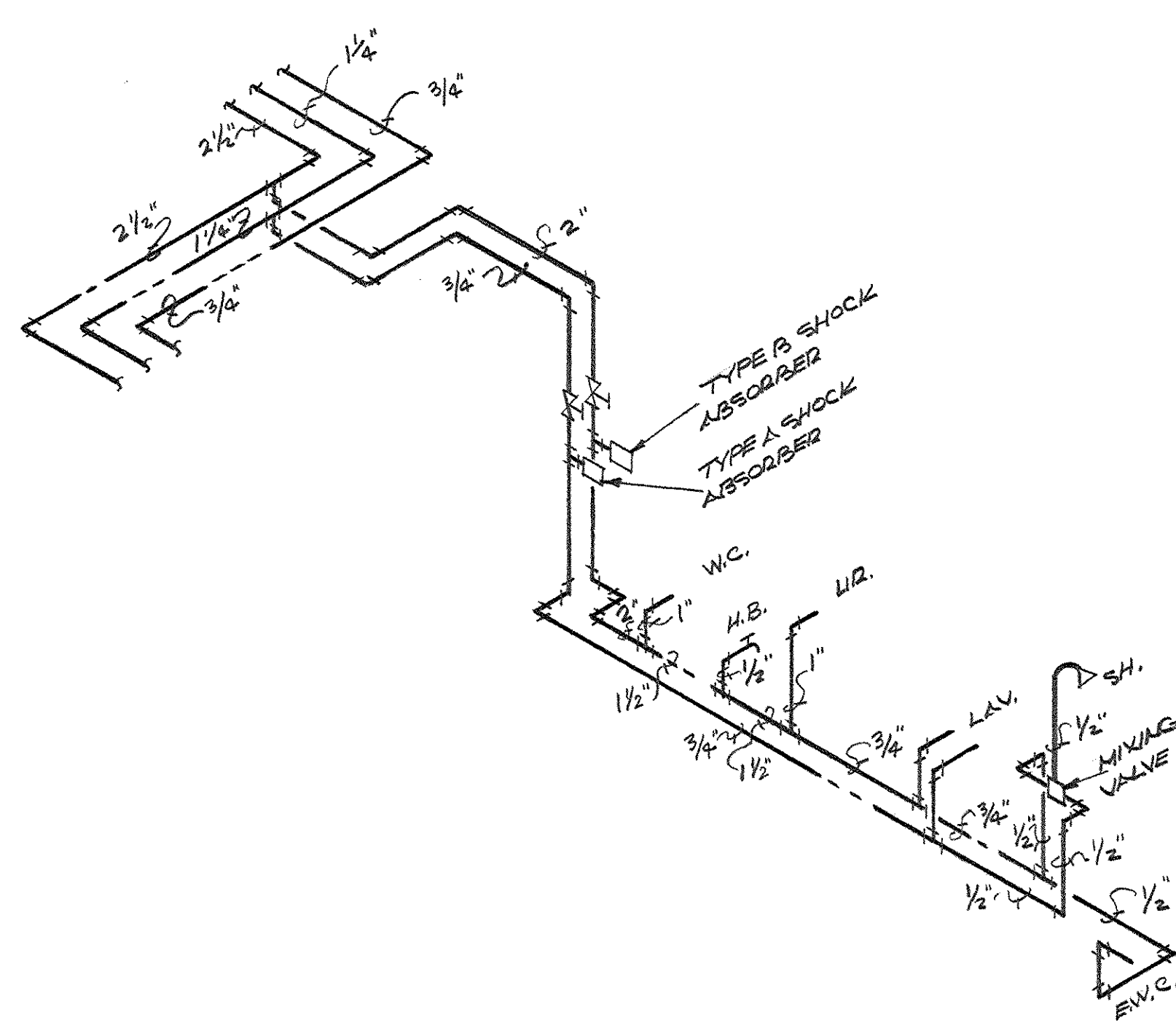
PIPE SUPPORT DETAIL
SCALE: 1/2" = 1'-0"

AS-BUILT DRAWINGS
DATE: JAN 73
HUGG, CARTER & BLAKESMAN, INC.



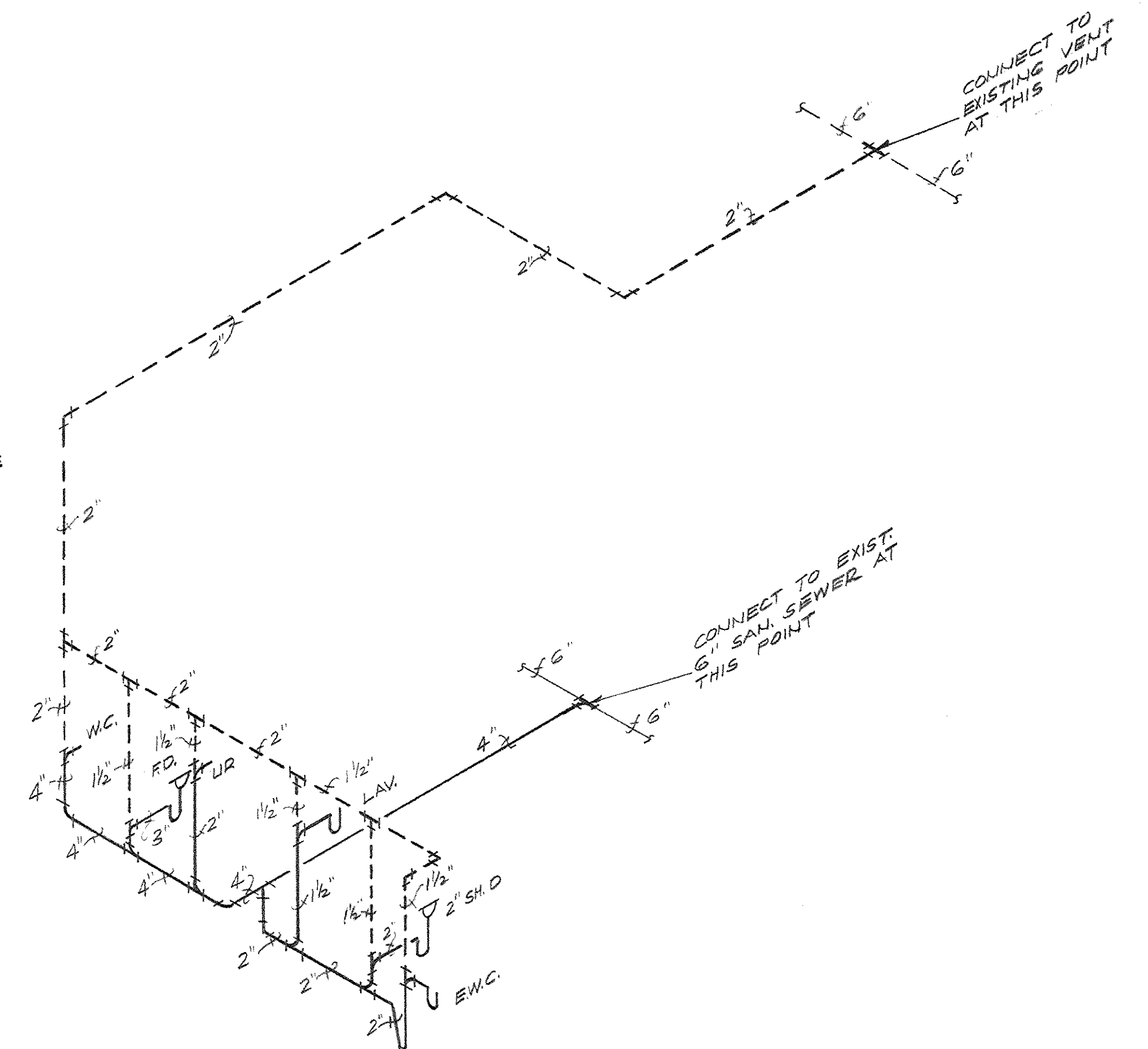
CAPITAL PLAZA OFFICE BUILDING FRANKFORT, KENTUCKY		
DRAWN BY T.F.	HEATING AND AIR CONDITIONING PLAN LOBBY LEVEL	DATE 15 MAY '67
TRACED BY T.F.	ARCHITECT	SCALE AS SHOWN
CHECKED BY G.C.	EDWARD DURELL STONE 7 EAST 67TH STREET NEW YORK, N. Y.	COMM. NO. 500-4
SECTOR NO. C 2	ASSOCIATE ARCHITECTS & ENGINEERS LEE POTTER SMITH & ASSOCIATES 314 WILKINSON FRANKFORT, KENTUCKY	DRAWING NO. H 4
APPROVED BY ARCHITECT	DATE	OF 14-25
APPROVED BY AGENCY HEAD	DATE	
APPROVED BY OWNER	DATE	MAY 8 1967

CPL-158

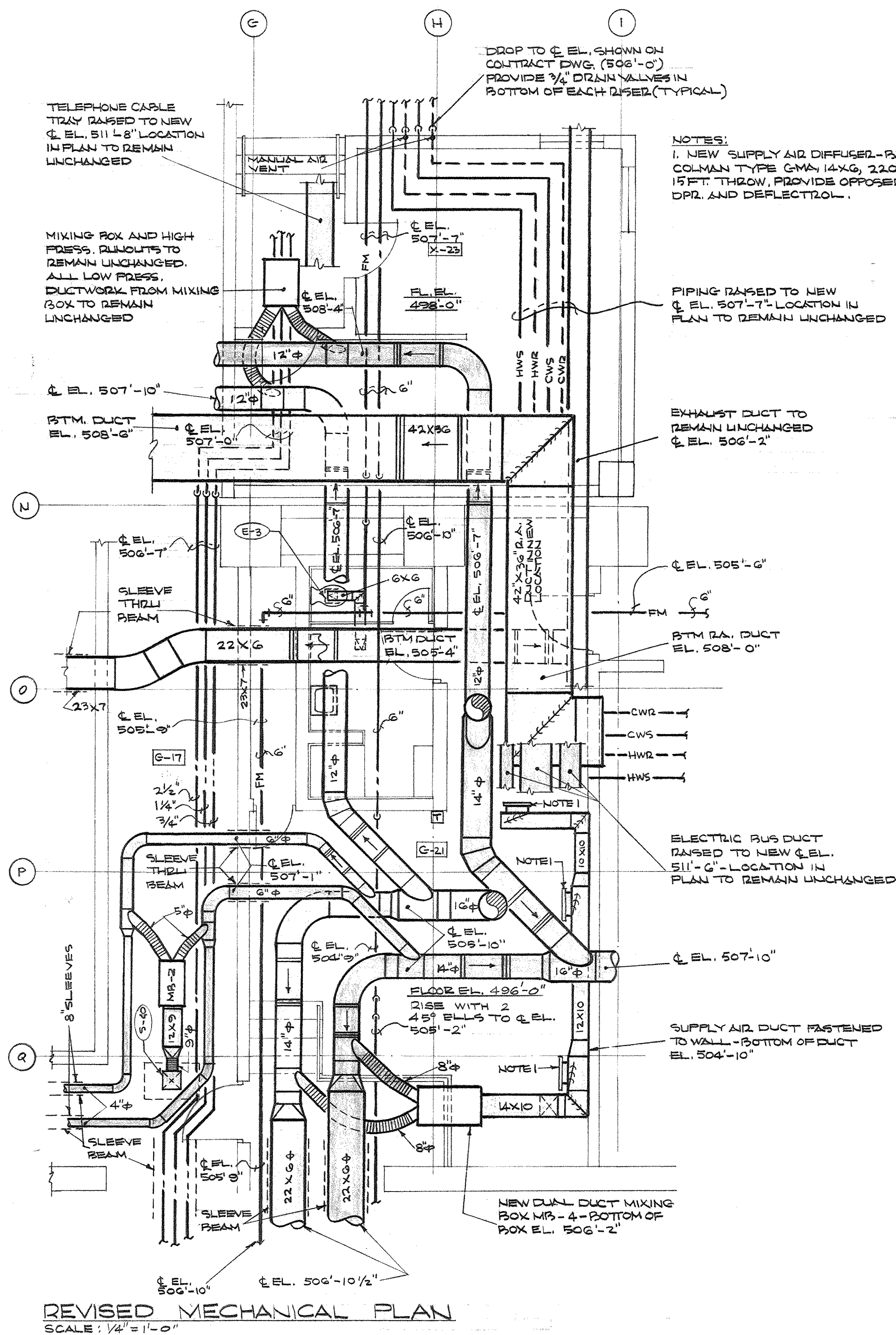


DOMESTIC WATER PIPING DIAGRAM
NO SCALE

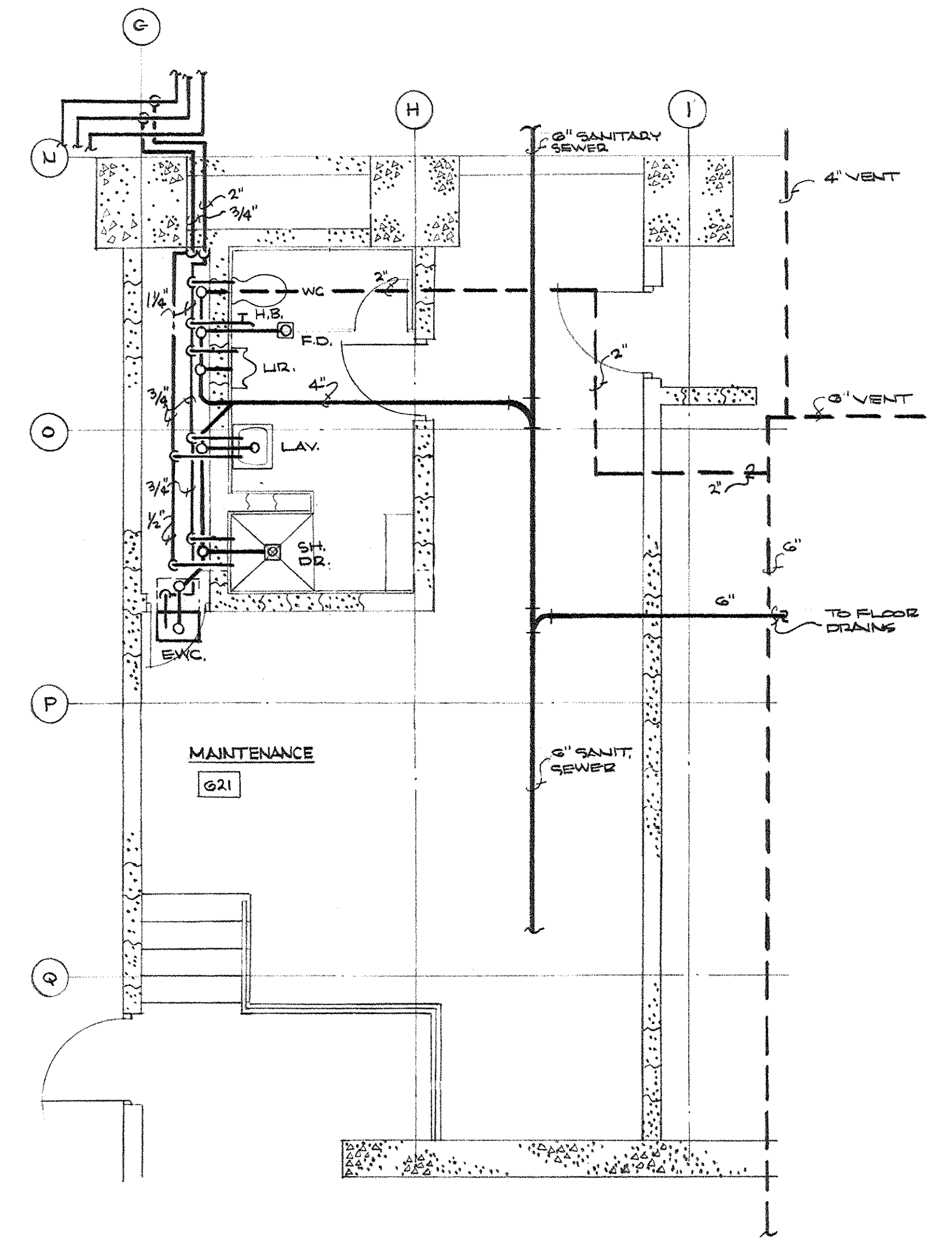
- NOTES:
1. SHOWER HEAD - SPEAKMAN MODEL S-2240, OR APPROVED EQUAL, WITH 3/4" BASE, BALL JOINT, INTEGRAL 4 1/2 GPM AUTOFLOW REGULATOR AND SPRAY ADJUSTING HANDLE WITH SPEAKMAN S-2500 SHOWER ARM WITH WALL FLANGE
 2. SHOWER MIXING VALVE - LAMBERT "RECESSO" CONCEALED THERMOSTATIC MIXING VALVE WITH BUILT-IN SHUT-OFF VALVE, SCREW-DRIVER OPERATED STOP & CHECK VALVES AND REMOVABLE SEDIMENT STRAINER. VALVE SHALL BE ADJUSTABLE BETWEEN ALL COLD AND 115°F. INSTALL IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
 3. SHOWER DRAIN - ZURN Z-415 TRIUMPH DRAIN, TYPE "B" STAINLESS CHROME PLATE TOP, AND CLAMPING COLLAR, OR APPROVED EQUAL.
 4. ELECTRIC WATER COOLER - HALSEY-TAYLOR MODEL 6W 1 1/2" OR APPROVED EQUAL, COMPLETE WITH 1/4" P-TRAP & ANGLE STOP, 12/80/115V.
 5. LAVATORY - AMERICAN STANDARD "DOKALYN" VITREOUS CHINA MODEL F-195 SIZE 20" X 18" OR APPROVED EQUAL, COMPLETE WITH 12000 SERIES 1/4" CAST BRASS P-TRAP, L-2604 STOP, 1/2" FLUSH-FULL SINGLE HANDLE CENTER SET FITTING WITH ABSORATOR AND POP-UP DRAIN, ZURN MODEL Z-1231 WALL HANGERS WITH 2" LONG CAST BRONZE CHROME PLATED ESCUTCHEONS.



WASTE AND VENT RISER DIAGRAM
NO SCALE



REVISED MECHANICAL PLAN
SCALE: 1/4" = 1'-0"



REVISED PLUMBING PLAN
SCALE: 1/4" = 1'-0"

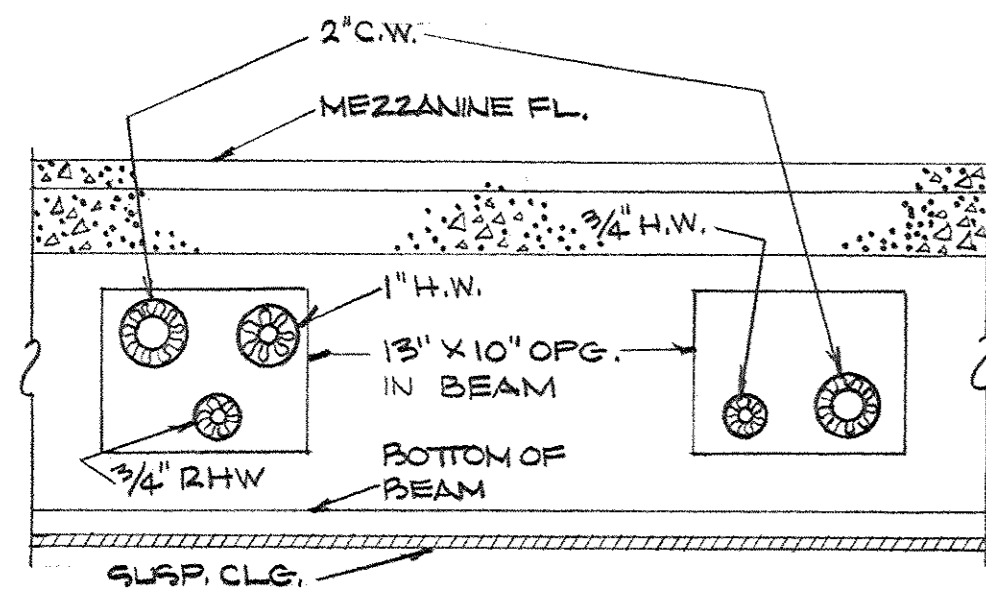
NOTE: THIS SHEET INCLUDED AS PART OF MECHANICAL AS-BUILT DRAWINGS AS OF JAN. 73

CHANGE ORDER NO. 6 27 FEB. 69 ITEM No. 2

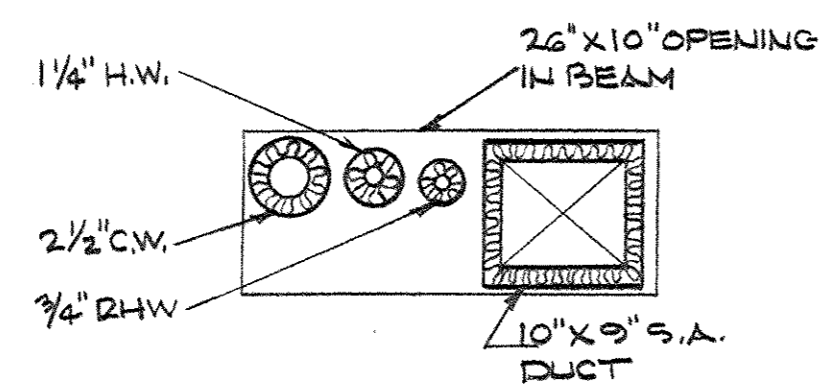
CAPITAL PLAZA OFFICE BUILDING		
FRANKFORT, KENTUCKY		
DRAWN BY T. E.	ARCHITECT	DATE
TRACED BY W. W.	EDWARD DURELL STONE	SCALE
CHECKED BY O. C.	7 EAST 67TH STREET NEW YORK, N. Y.	COMM. NO.
SECTOR NO.	ASSOCIATE ARCHITECTS & ENGINEERS	DRAWING NO.
	LEE POTTER SMITH & ASSOCIATES	
	314 WILKINSON FRANKFORT, KENTUCKY	
	COMMONWEALTH OF KENTUCKY	
	DEPARTMENT OF FINANCE - ENGINEERING STAFF	
	FRANKFORT, KENTUCKY	
APPROVED BY	ARCHITECT	DATE
APPROVED BY	AGENCY HEAD	DATE
APPROVED BY	OWNER	DATE

AS-BUILT DRAWINGS
DATE: JAN 73
HUGG, CARTER & BLANKMAN, INC.

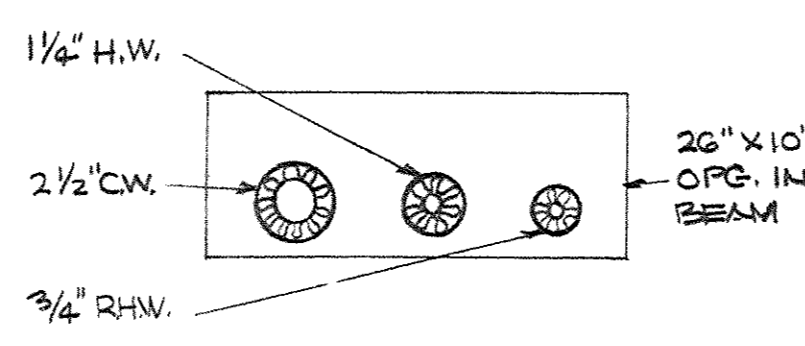
CPI 19812



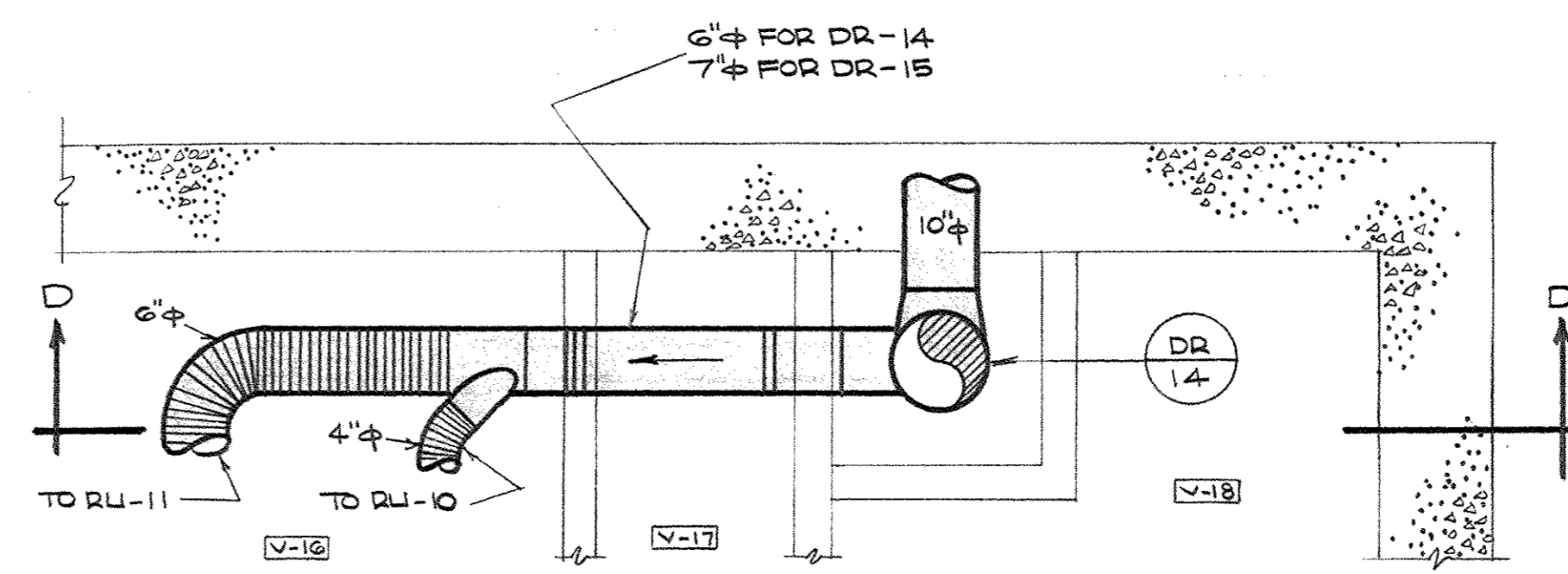
SECTION A-A
SCALE: 1/2" = 1'-0"



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

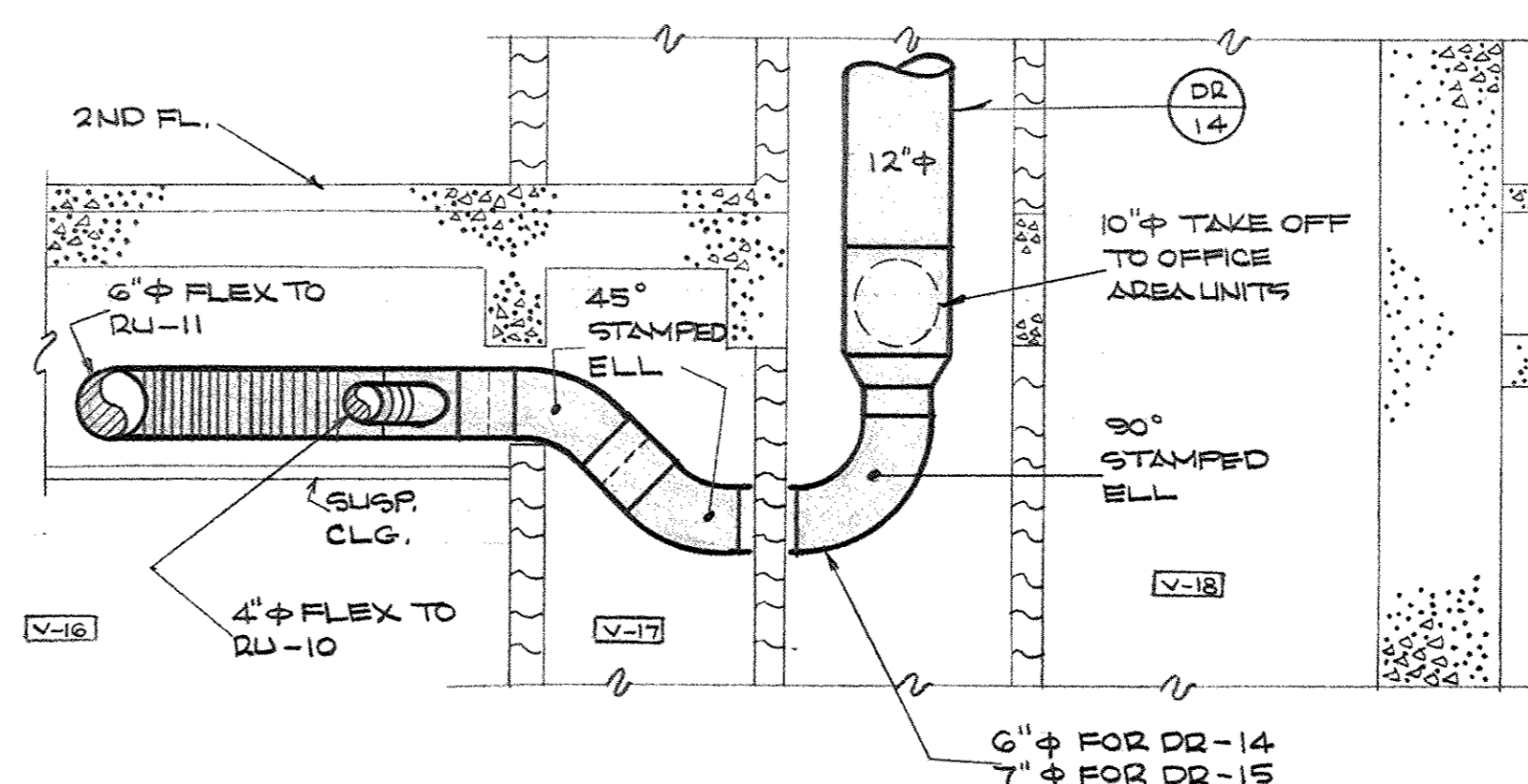


SECTION C-C
SCALE: 1/2" = 1'-0"

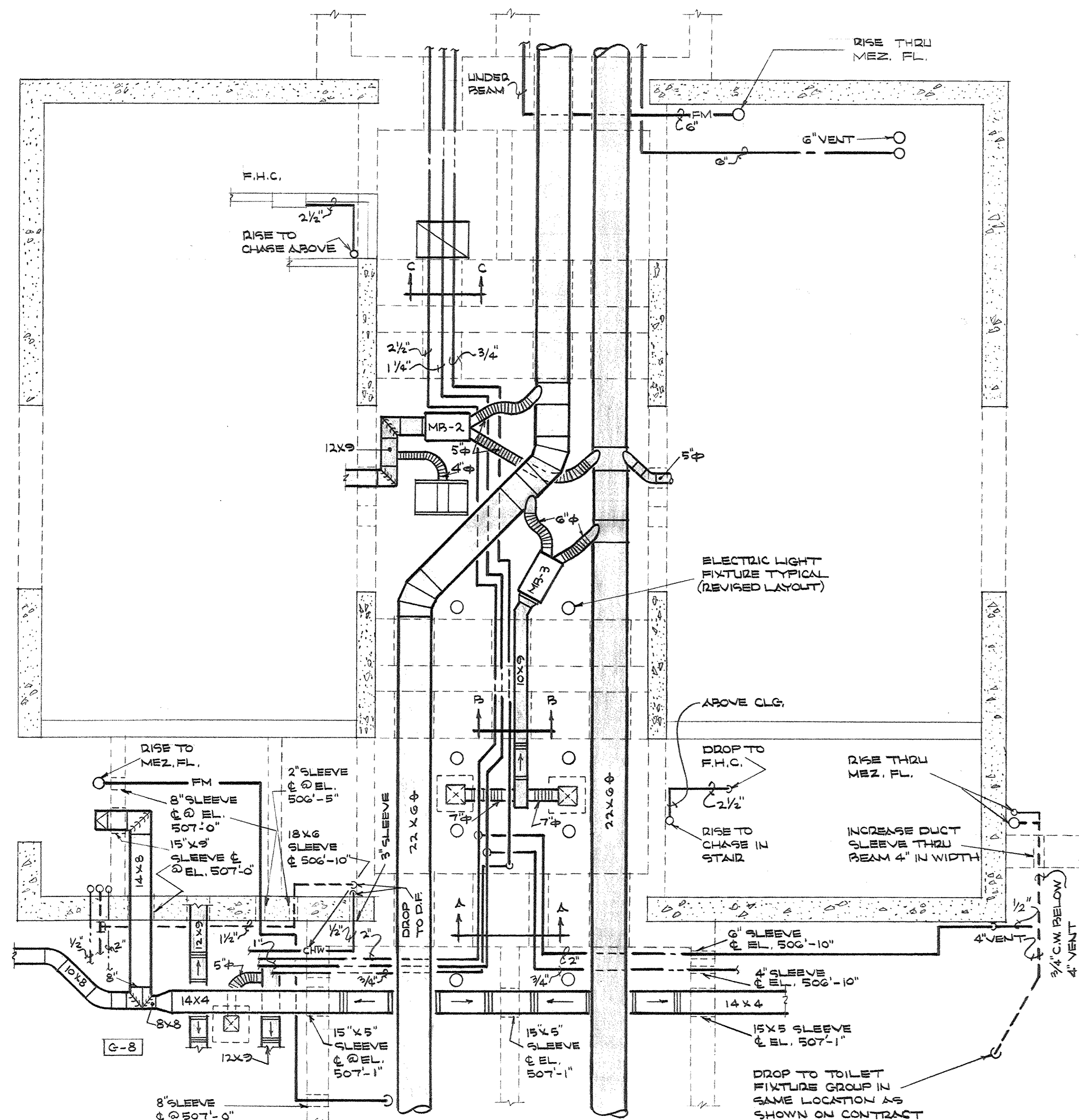


REVISED PARTIAL PLAN - 1ST. FL. LOBBY CORE
SCALE: 1/2" = 1'-0"

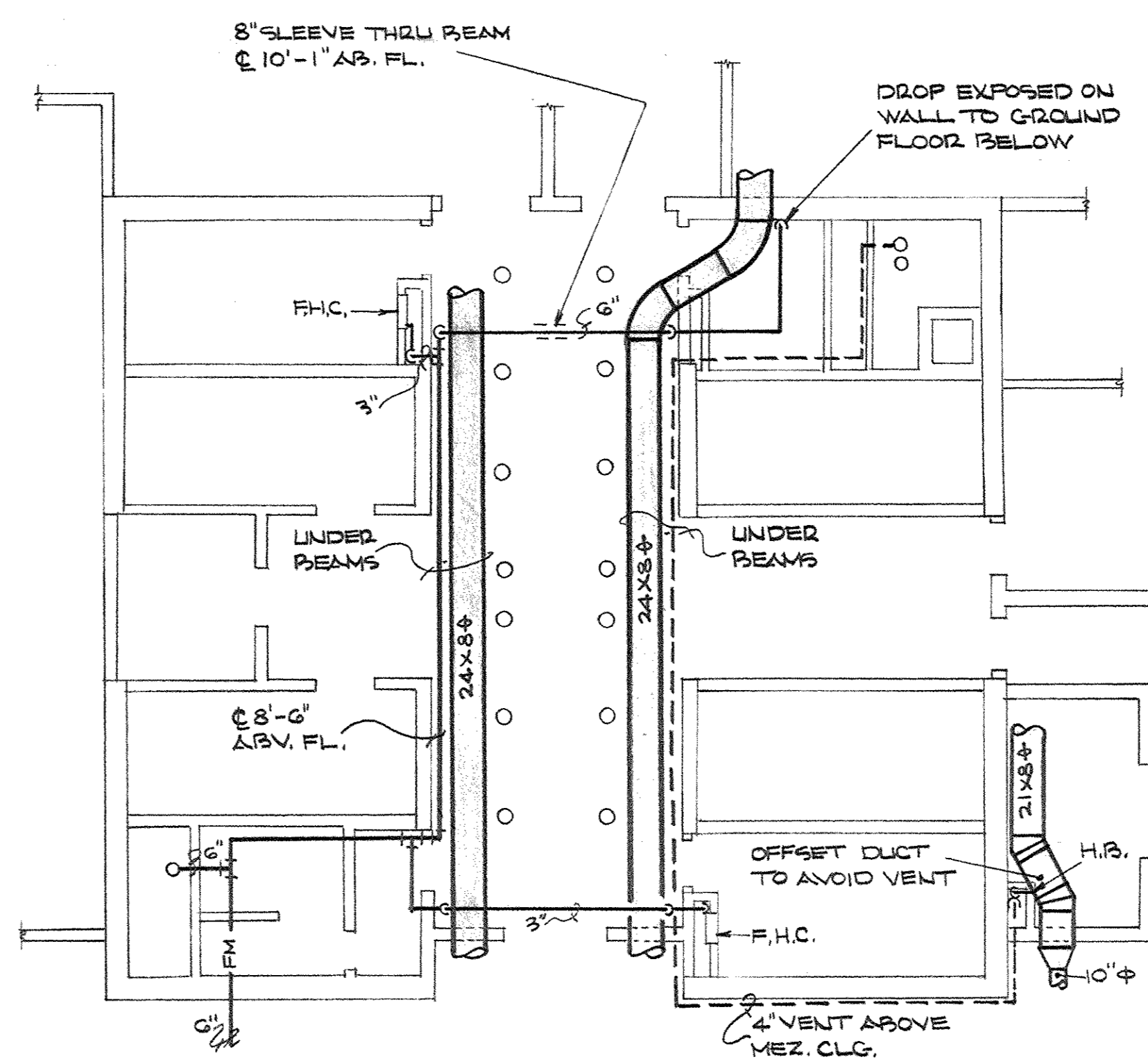
NOTE:
CHANGE END OF DUCT RUN FOR DR-15 IN SIMILAR MANNER



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



REVISED MECHANICAL PLAN - GROUND FLOOR LOBBY CORE
SCALE: 1/8" = 1'-0"



REVISED MECHANICAL PLAN - MEZ. LEVEL LOBBY CORE
SCALE: 1/8" = 1'-0"

NOTE:
THIS SHEET INCLUDED AS PART OF MECHANICAL AS-BUILT DRAWINGS AS OF JAN. 73

CHANGE ORDER NO. 6
27 FEB. 69
ITEM No. 2

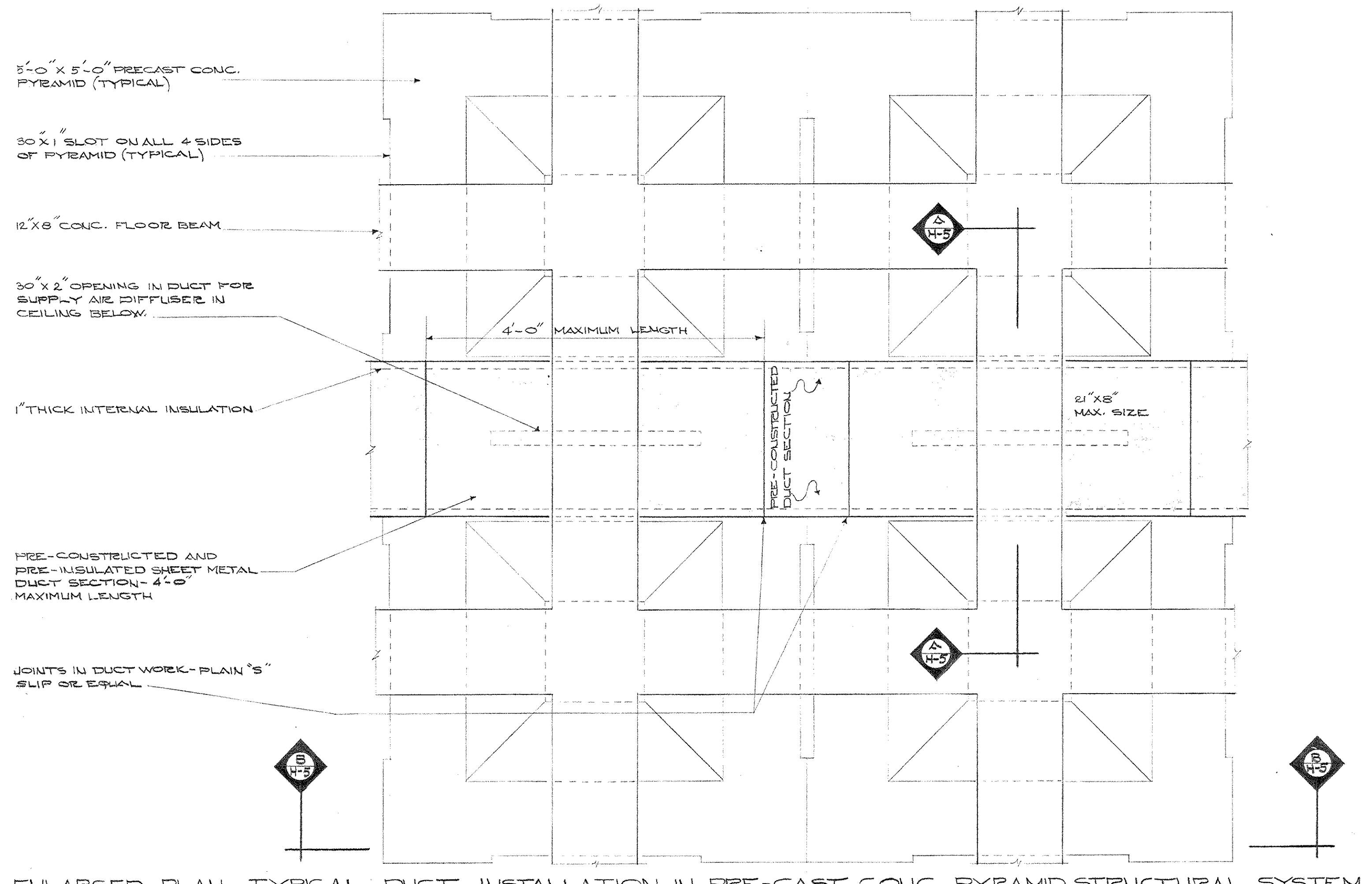
CAPITAL PLAZA OFFICE BUILDING			
FRANKFORT, KENTUCKY			
DRAWN BY	T.F.	DATE	
TRACED BY	W.V.	SCALE	
CHECKED BY	O.S.C.	ARCHITECT	EDWARD DURELL STONE
SECTOR NO.		7 EAST 67TH STREET	NEW YORK N.Y.
		ASSOCIATE ARCHITECTS & ENGINEERS	
		LEE POTTER SMITH & ASSOCIATES	
		314 WILKINSON	FRANKFORT, KENTUCKY
		COMMONWEALTH OF KENTUCKY	
		DEPARTMENT OF FINANCE - ENGINEERING STAFF	
		FRANKFORT, KENTUCKY	
APPROVED BY	ARCHITECT	DATE	
APPROVED BY	AGENCY HEAD	DATE	
APPROVED BY	OWNER	DATE	

AS-BUILT DRAWINGS
DATE: JAN 73
HUGG, CARTER & BLAKEMAN, INC.

CPA 198 B

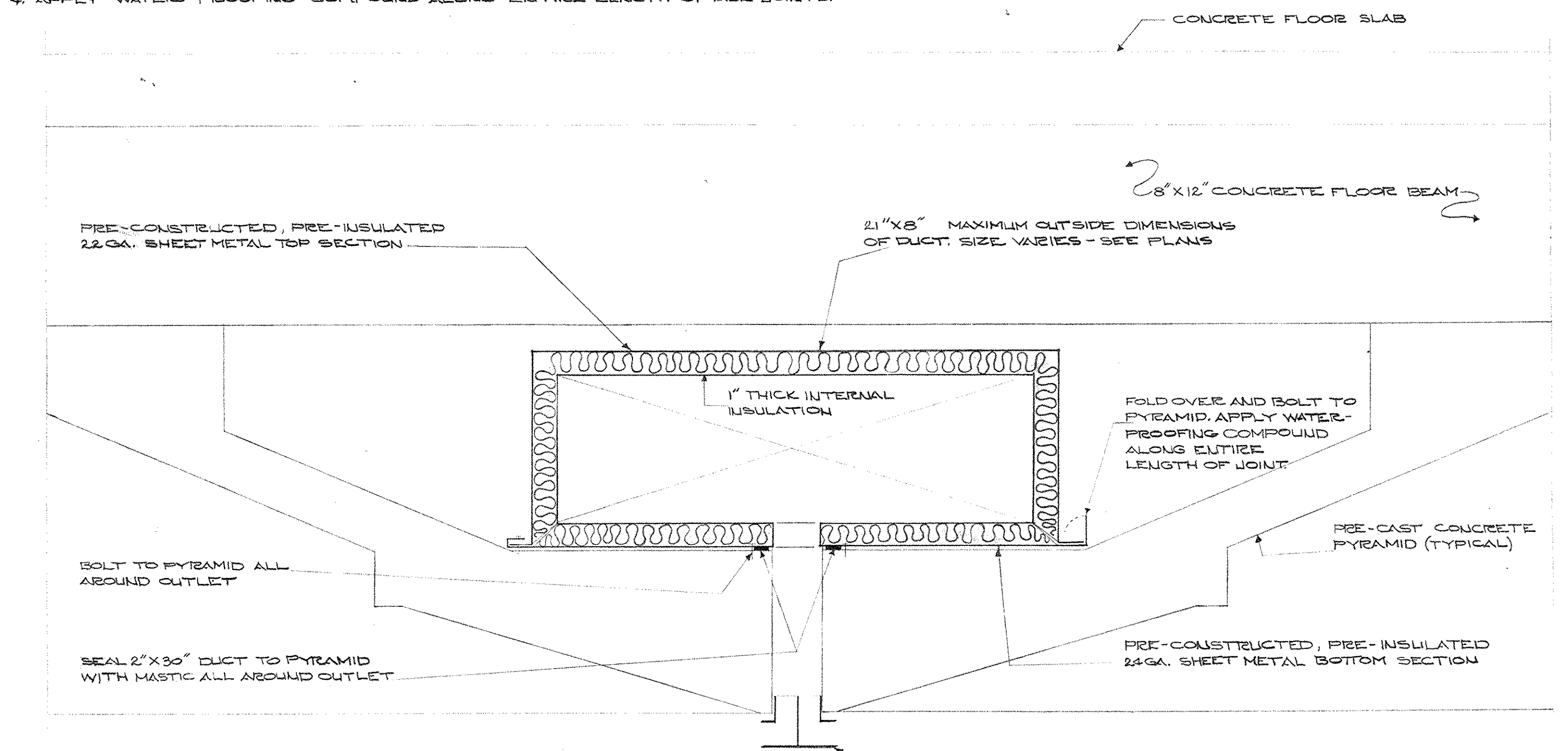


- NOTES:
1. DUCT INSTALLATION IS TYPICAL FOR OFFICE AREAS ON FLOORS 1 THRU 12 AND 14 THRU 23.
 2. DUCTWORK SHALL BE INSTALLED AFTER PRECAST CONCRETE PYRAMID AND FLOOR BEAM SYSTEM IS COMPLETE AND BEFORE CONCRETE FLOOR SLAB IS POURED.
 3. DUCTWORK SHALL BE PRE-CONSTRUCTED AND PRE-INSULATED IN SECTIONS AS DETAILED.
 4. DUCT SYSTEM SHALL BE INSPECTED AND TESTED FOR AIR LEAKAGE BEFORE POURING OF FLOOR SLAB. SEE SPECS.

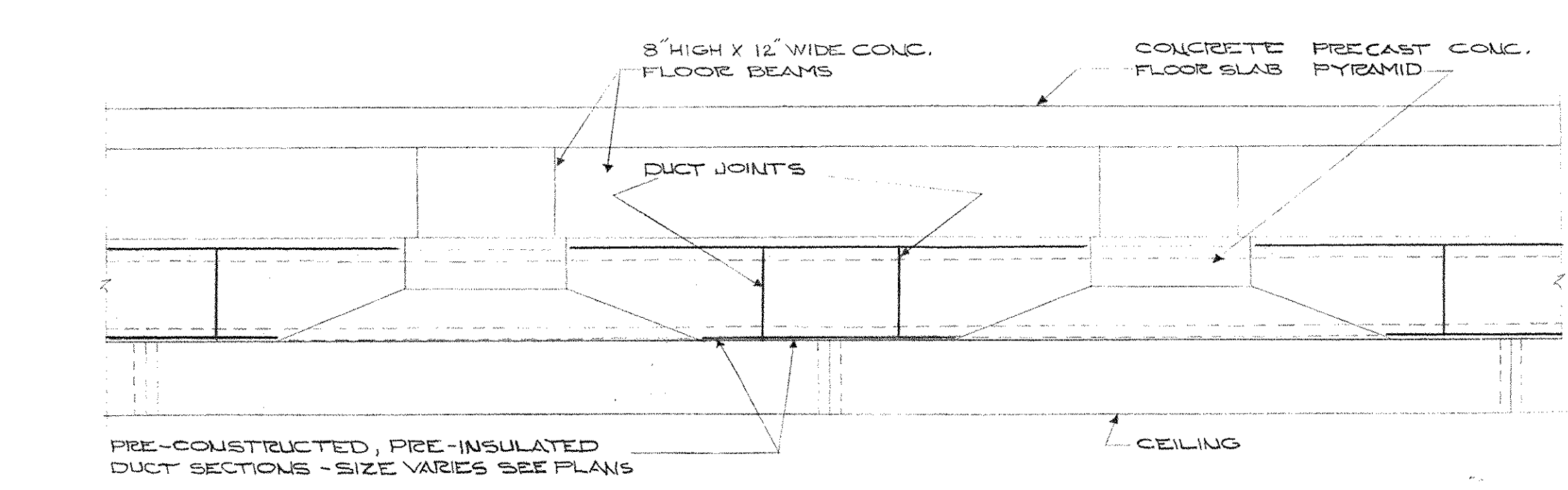


ENLARGED PLAN - TYPICAL DUCT INSTALLATION IN PRE-CAST CONC. PYRAMID STRUCTURAL SYSTEM
SCALE: 1/4" = 1'-0"

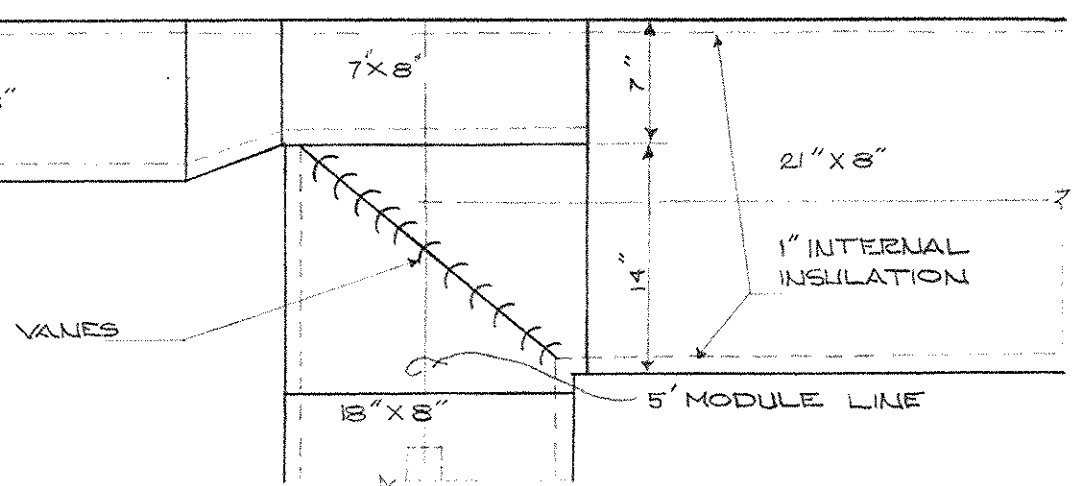
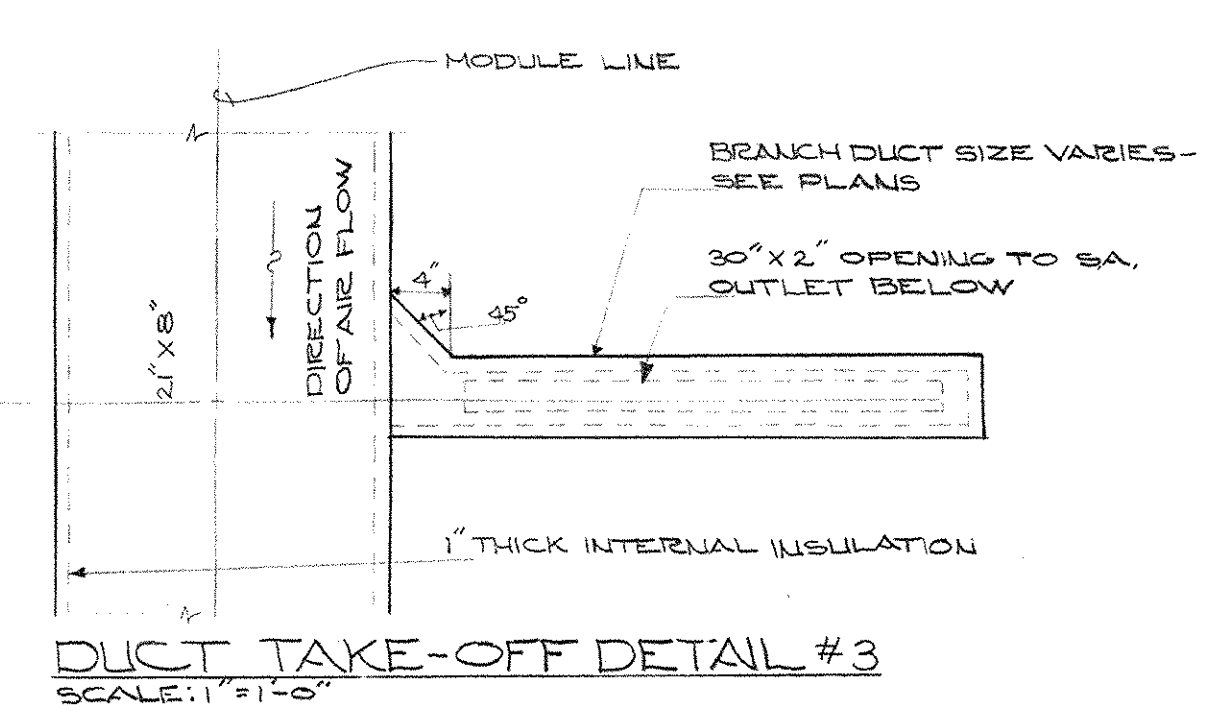
- PROPOSED METHOD OF INSTALLING DUCTWORK
1. LAY OUT BOTTOM SECTION OF DUCT ON PRECAST CONCRETE PYRAMIDS AND LINE UP 30" X 2" OPENINGS IN SECTION WITH SLOTS BETWEEN PYRAMIDS.
 2. SEAL ALL AROUND DUCT OPENING WITH MASTIC AND BOLT DUCT SECTION TO PYRAMID ALL AROUND OPENING.
 3. LAY TOP SECTION OF DUCT OVER BOTTOM SECTION AND BOLT BOTH SECTIONS TO PYRAMIDS.
 4. APPLY WATER-PROOFING COMPOUND ALONG ENTIRE LENGTH OF ALL JOINTS.



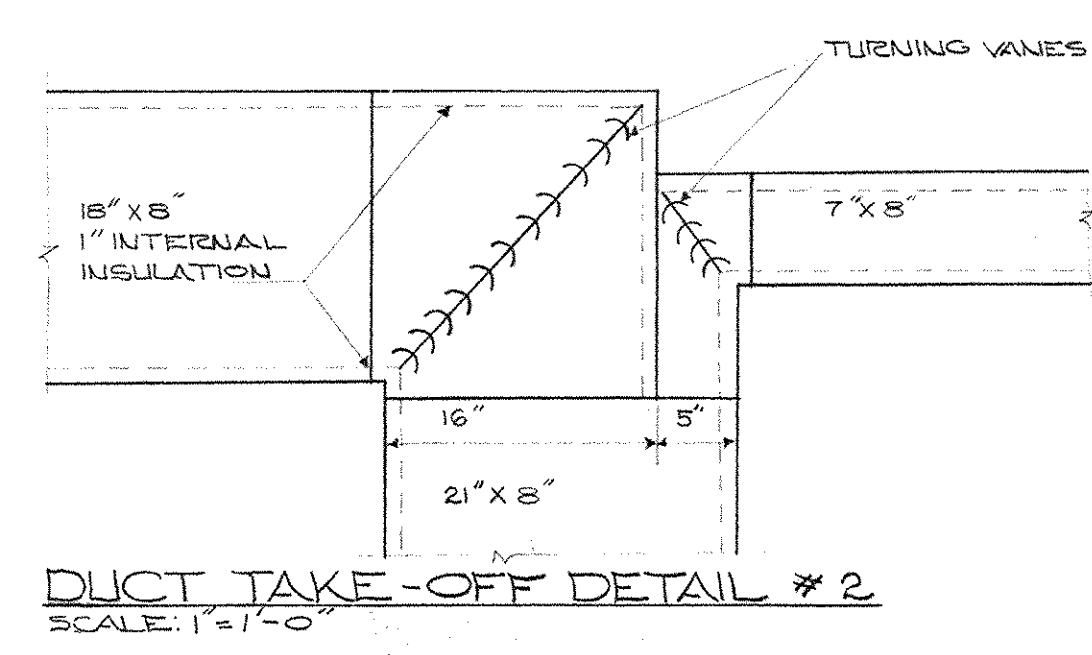
SECTION SCALE: 3/4" = 1'-0"



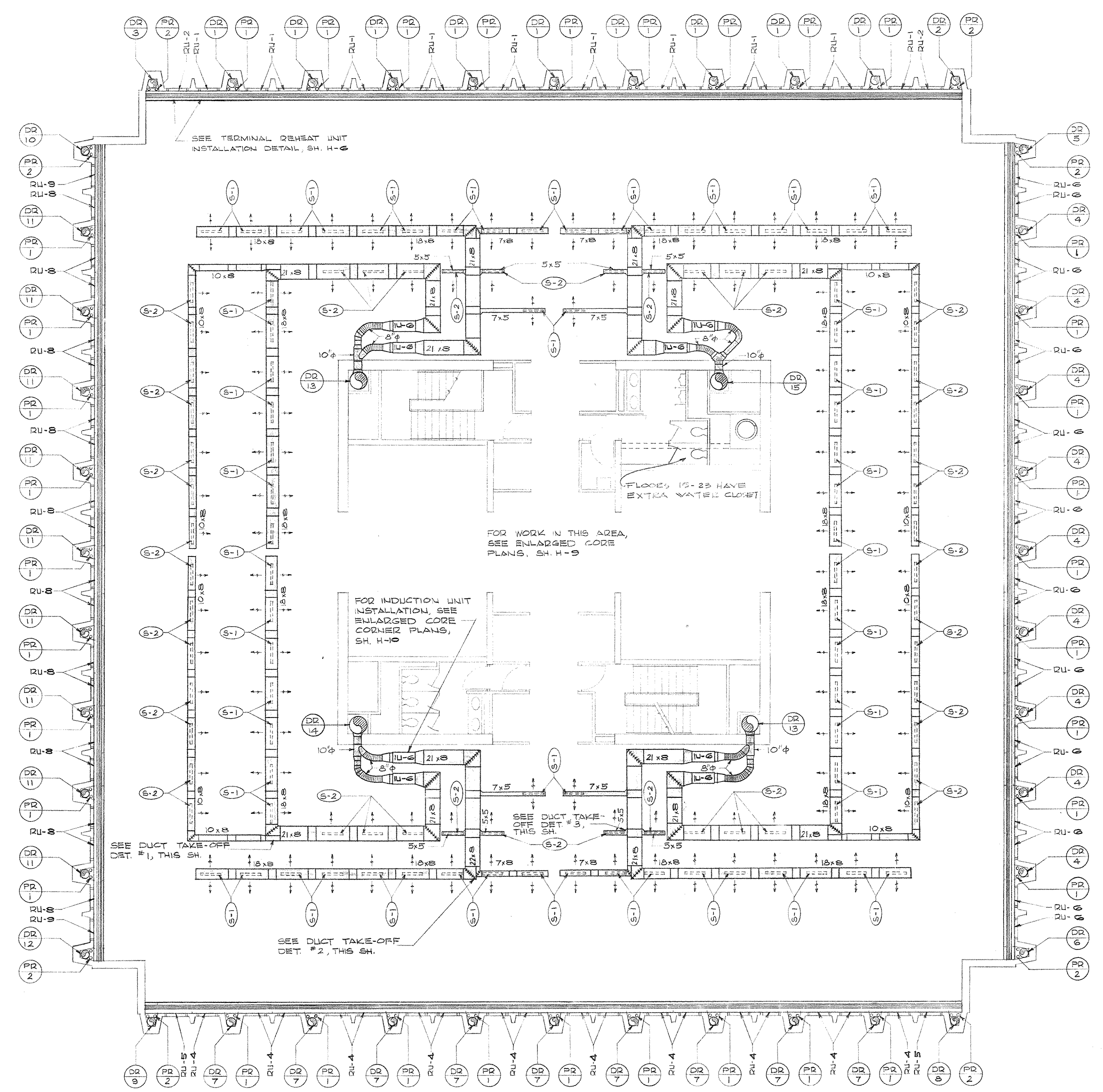
SECTION SCALE: 1/4" = 1'-0"



DUCT TAKE-OFF DETAIL #1 SCALE: 1/4" = 1'-0"



DUCT TAKE-OFF DETAIL #2 SCALE: 1/4" = 1'-0"

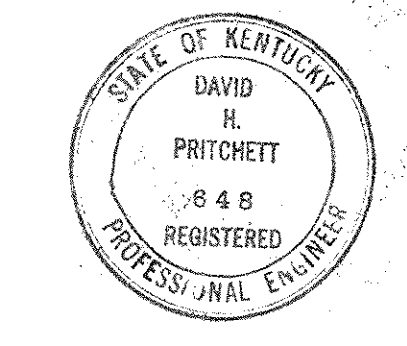


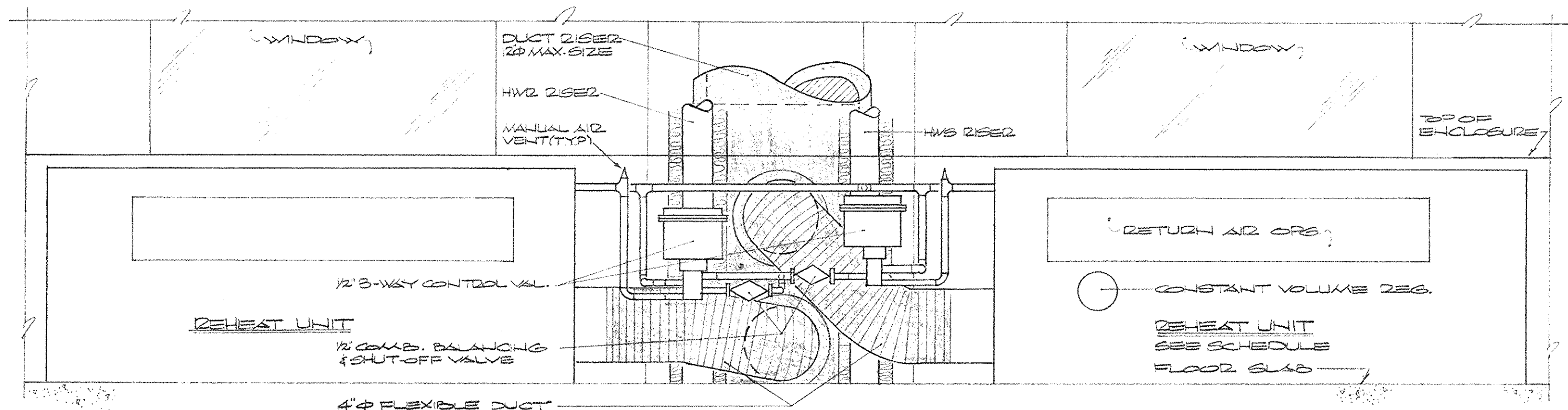
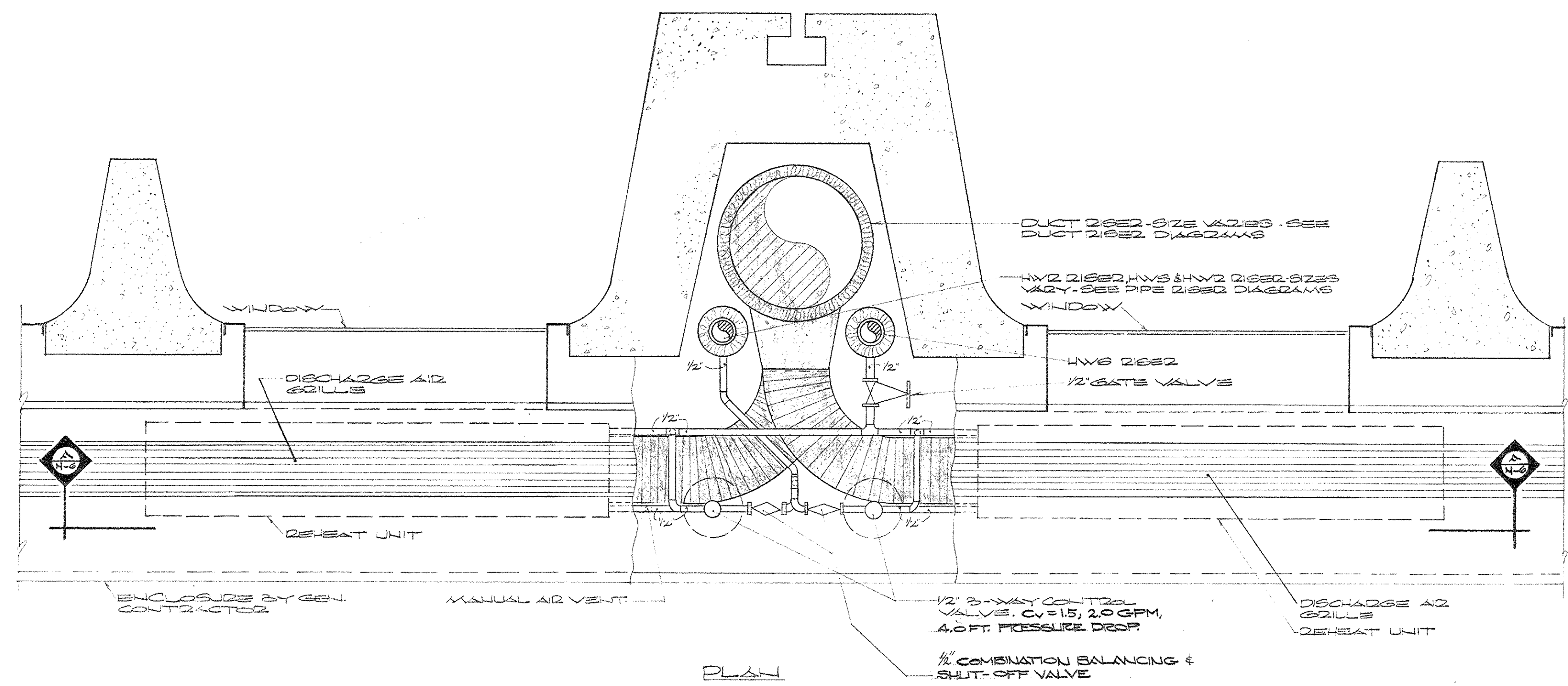
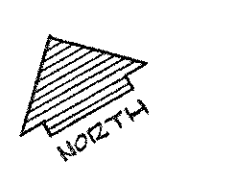
HEATING AND AIR CONDITIONING PLAN - FLOORS 1 THRU 12 AND 14 THRU 23
SCALE: 1/8" = 1'-0"

AS-BUILT DRAWINGS
DATE: JAN 73
HUSK, CARYER & BLANCHETT, INC.

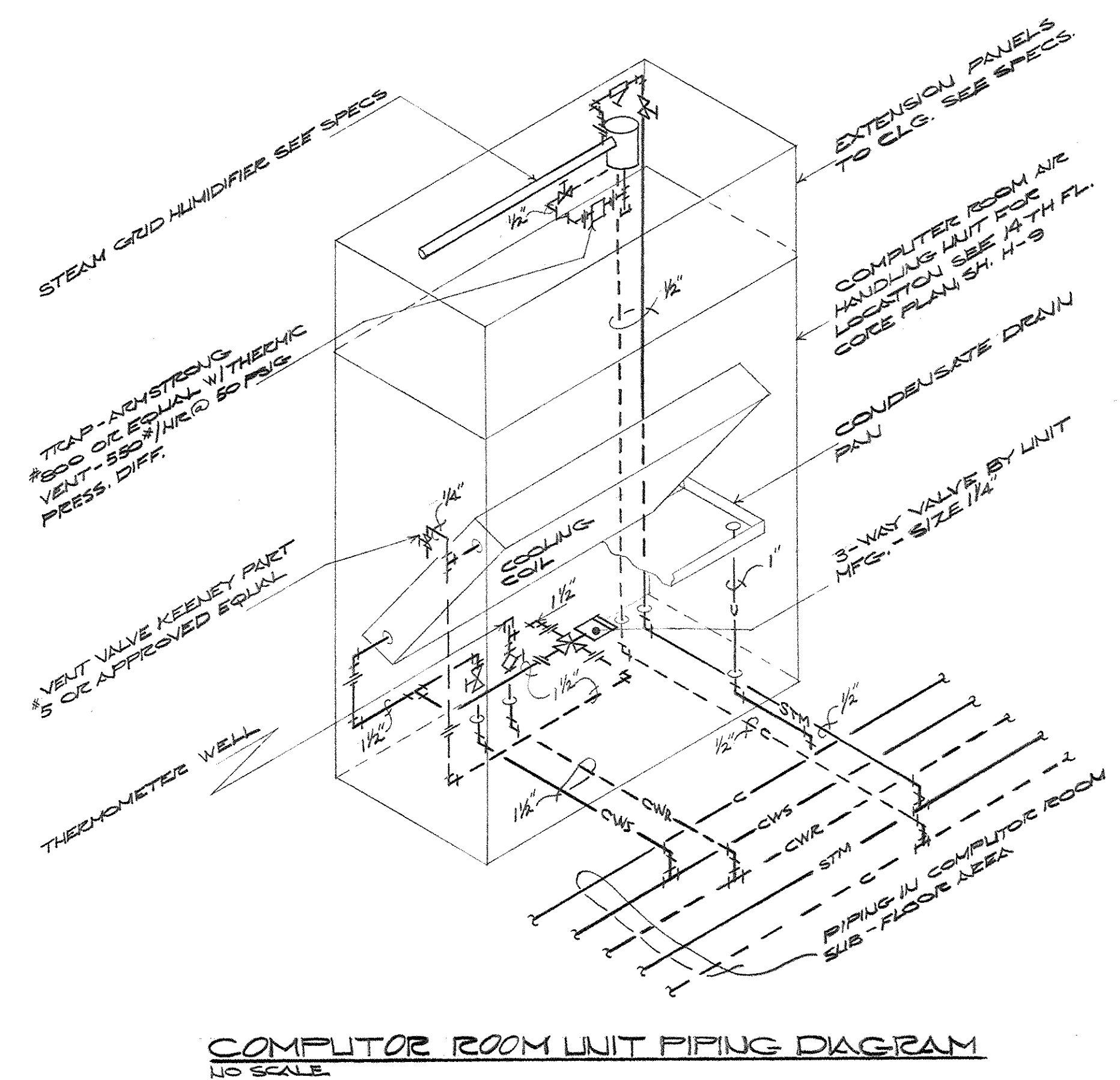
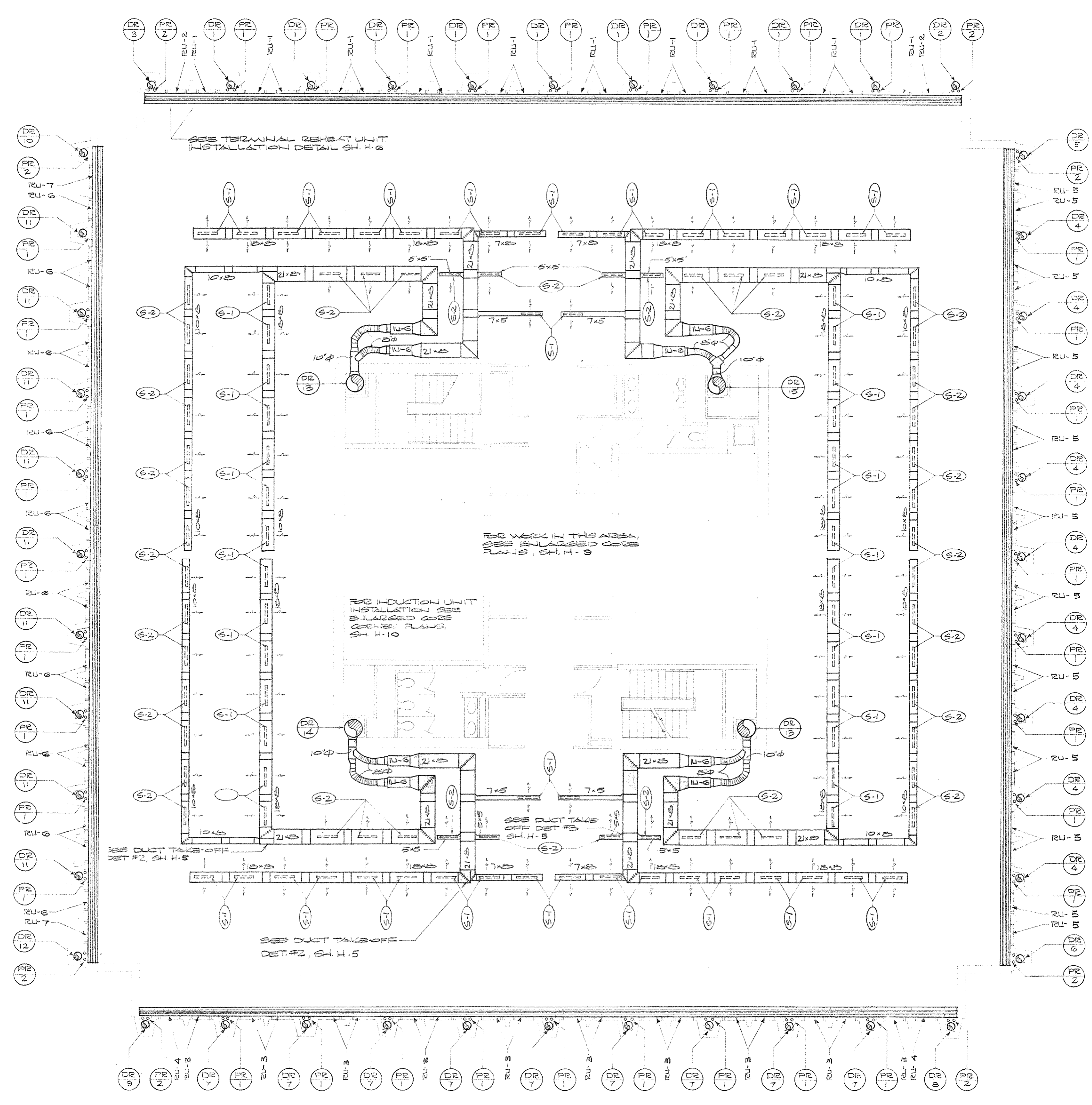
CAPITAL PLAZA OFFICE BUILDING
FRANKFORT, KENTUCKY

DRAWN BY T.F.	HEATING AND AIR CONDITIONING PLAN FLOORS 1 THRU 12 & 14 THRU 23	DATE 15 MAY 67
TRACED BY T.F. & W.M.	ARCHITECT EDWARD DURELL STONE	SCALE AS SHOWN
CHECKED BY O.G.C.	7 EAST 67TH STREET NEW YORK N. Y.	COMM. NO. 50666
SECTOR NO. C 2	ASSOCIATE ARCHITECTS & ENGINEERS LEE POTTER SMITH & ASSOCIATES 314 WILKINSON FRANKFORT, KENTUCKY	DRAWING NO. H 5
APPROVED BY ARCHITECT	DATE	OF H-23
APPROVED BY AGENCY HEAD	DATE	MAY 8 1967
APPROVED BY OWNER	DATE	

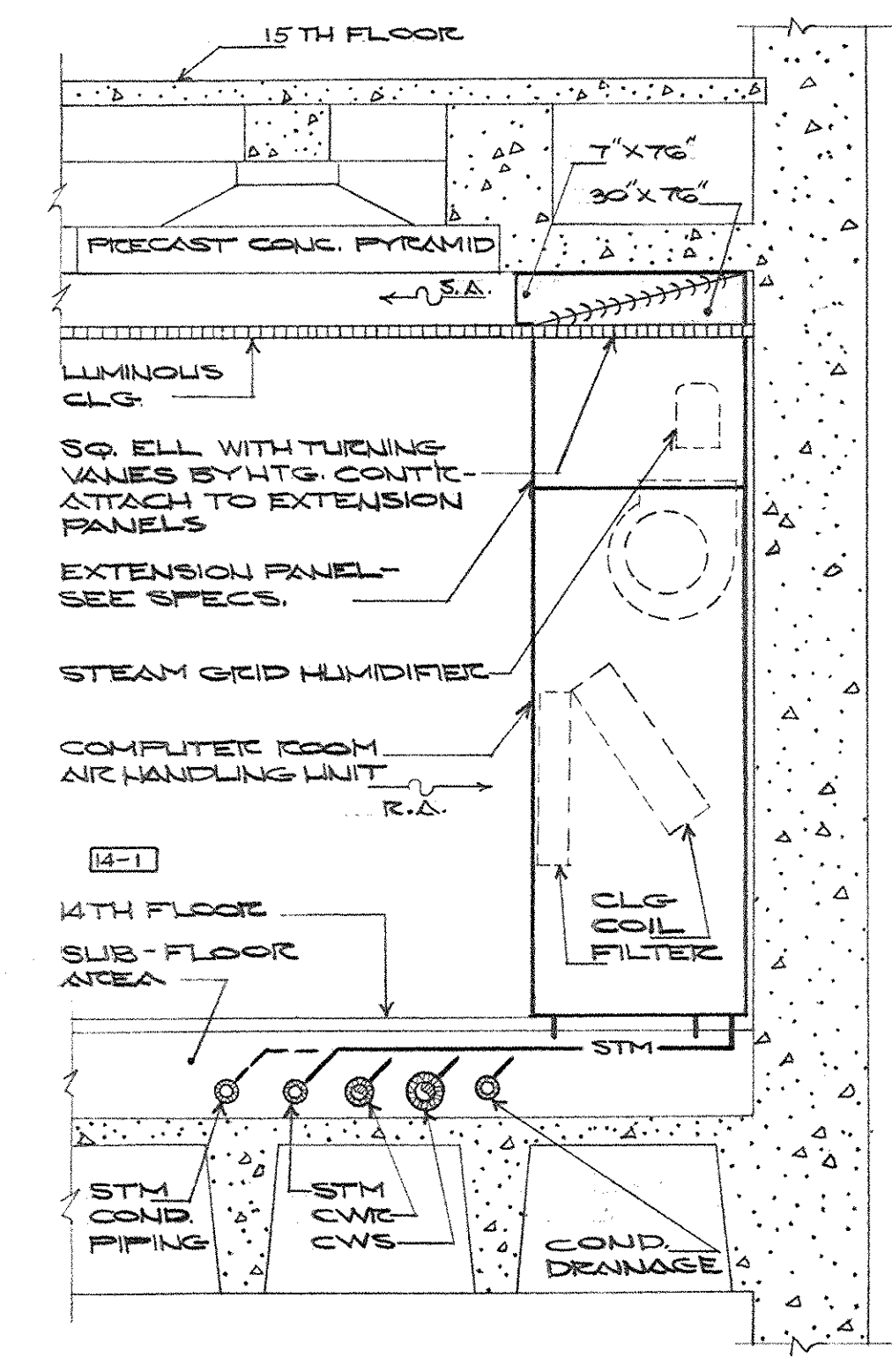




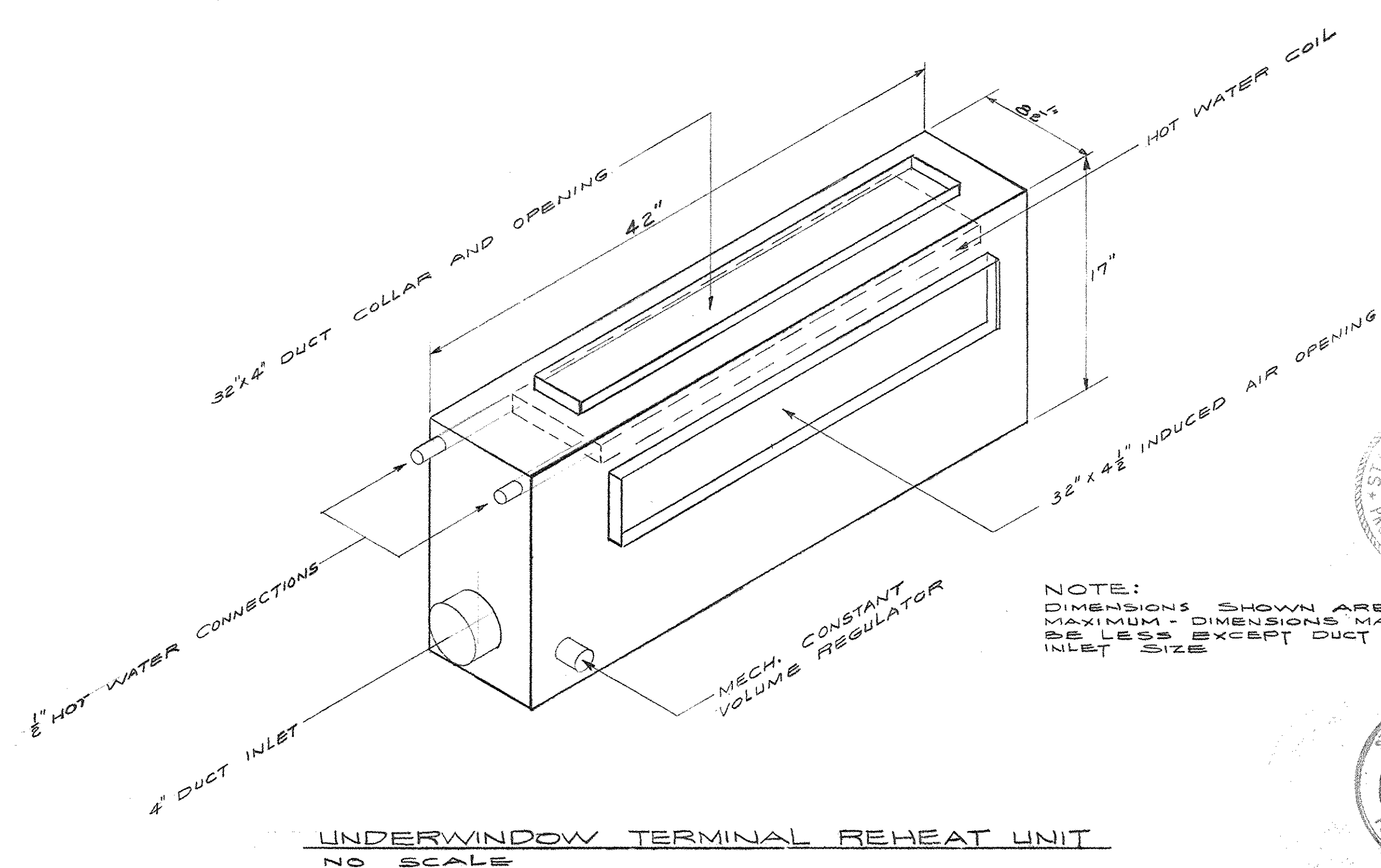
REHEAT UNIT INSTALLATION DETAIL
 SCALE: 1/2" = 1'-0"



COMPUTER ROOM UNIT PIPING DIAGRAM
 NO SCALE



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



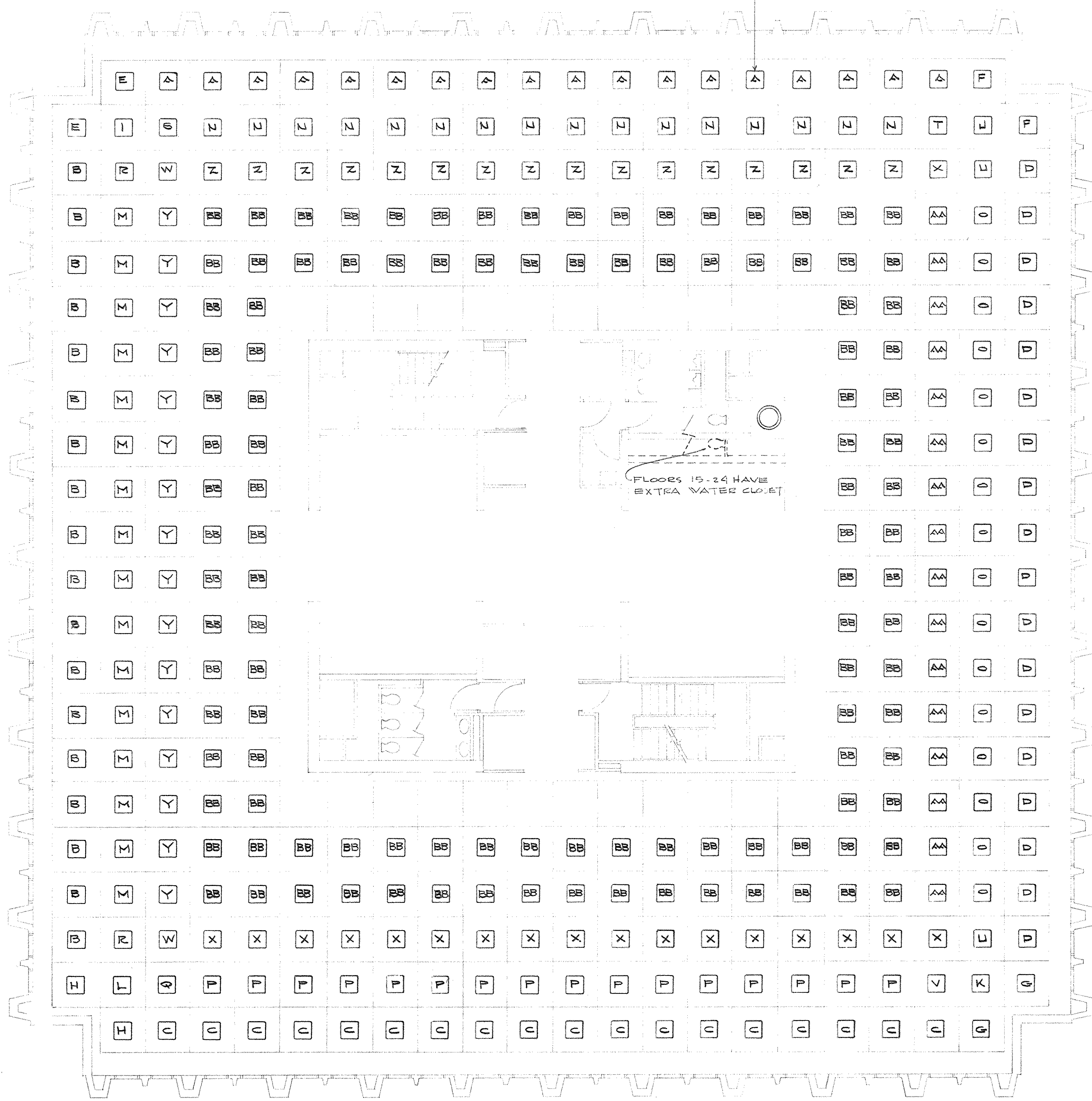
NOTE: DIMENSIONS SHOWN ARE MAXIMUM. DIMENSIONS MAY BE LESS EXCEPT DUCT INLET SIZE

NOTE: SUPPLEMENTAL INFORMATION THIS SHEET SEE CHANGE ORDER PAV. N-27 ITEM N-1 DATED MAY 71 INCLUDED AS PART OF THE AS-BUILT DRAWINGS AS OF JAN. 73

AS-BUILT DRAWINGS
 DATE: JAN 73
 HUGG, CARTER & BLACKMAN, INC.

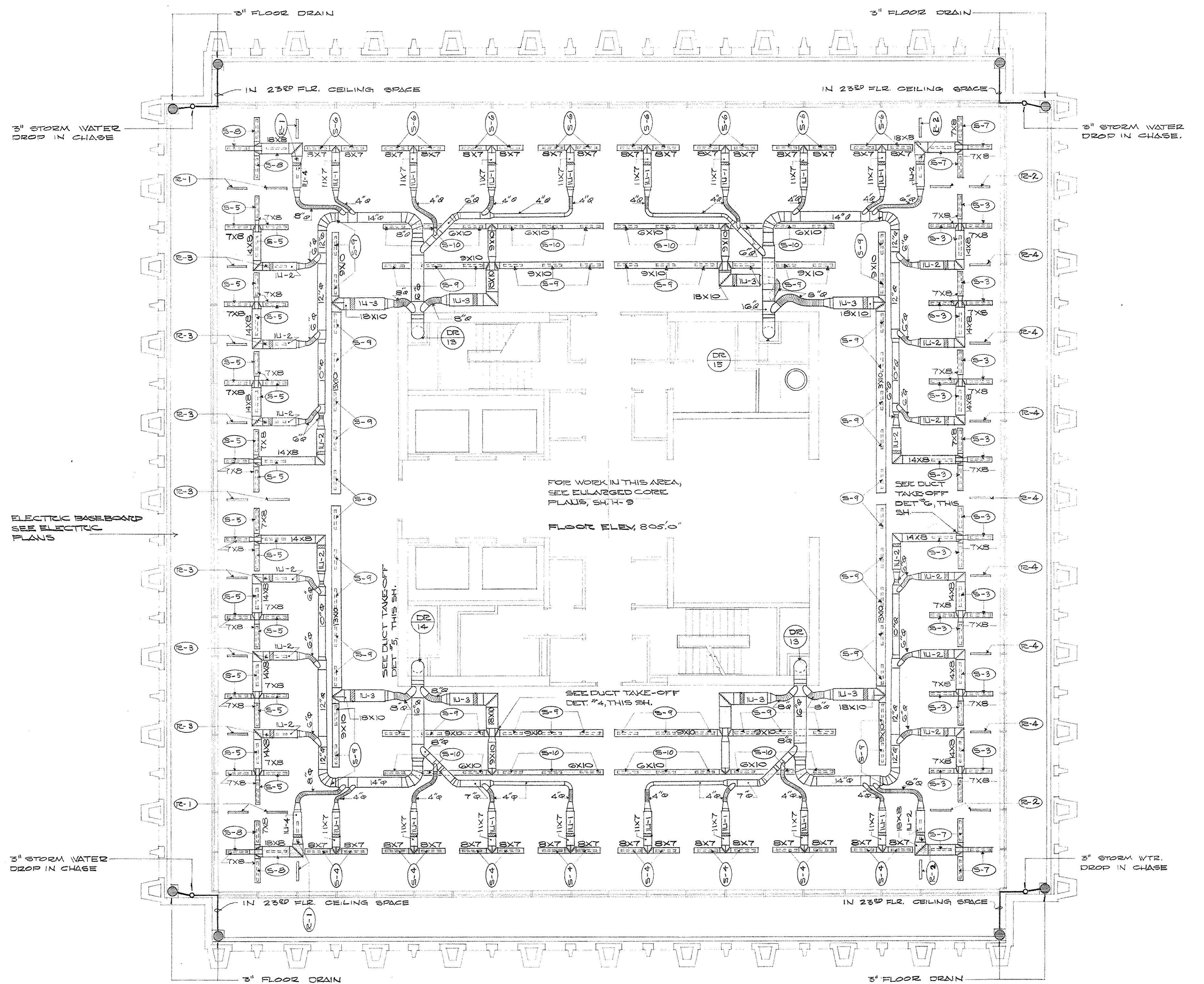
CAPITAL PLAZA OFFICE BUILDING FRANKFORT, KENTUCKY		
DRAWN BY T.P.	HEATING AND AIR CONDITIONING PLAN 14TH FLOOR	DATE 15 MAY '67
TRACED BY W.W.	ARCHITECT EDWARD DURELL STONE 7 EAST 6TH STREET NEW YORK, N. Y.	SCALE AS SHOWN
CHECKED BY G.C.C.	ASSOCIATE ARCHITECTS & ENGINEERS LEE POTTER SMITH & ASSOCIATES 314 WILSON FRANKFORT, KENTUCKY	COMM. NO. 5004
SECTOR NO. C 2	COMMONWEALTH OF KENTUCKY DEPARTMENT OF FINANCE - ENGINEERING STAFF FRANKFORT, KENTUCKY	DRAWING NO. H 6 OF H-23
APPROVED BY ARCHITECT	DATE	
APPROVED BY AGENCY HEAD D. M. Dorell	DATE	MAY 8 9 1967
APPROVED BY OWNER	DATE	

LIGHT FIXTURE - FINISHED AND INSTALLED IN PRECAST CONG. PYRAMID BY ELEC. CONTR. (TYPICAL) - GRILLE & DIFFUSER INFO. SHALL ADJUST RETURN AIR FLOWS THRU FIXTURES TO OBTAIN QUANTITIES LISTED IN SCHEDULE BELOW.

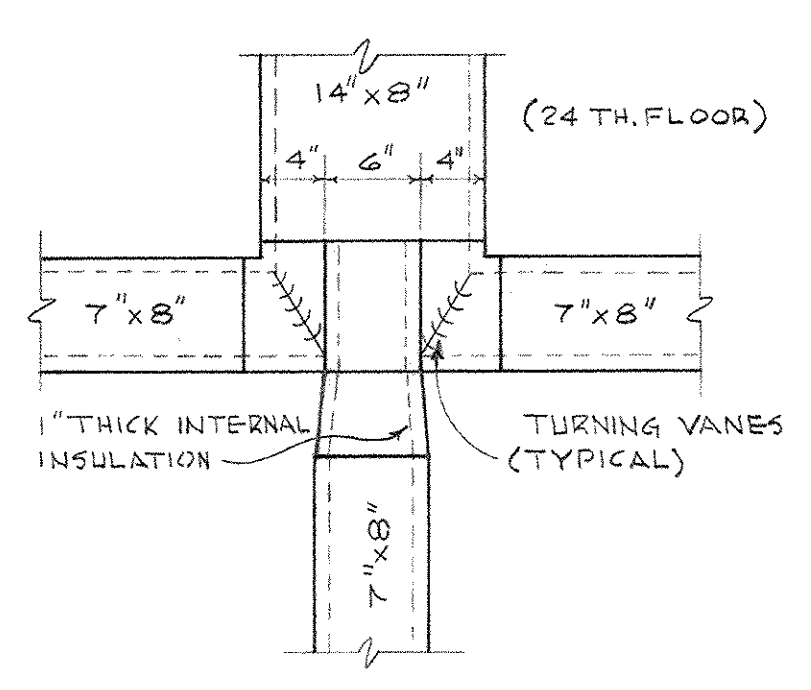


RETURN AIR BALANCING PLAN - FLOORS 1 THRU 12 & 14 THRU 24
SCALE: 1/8" = 1'-0"

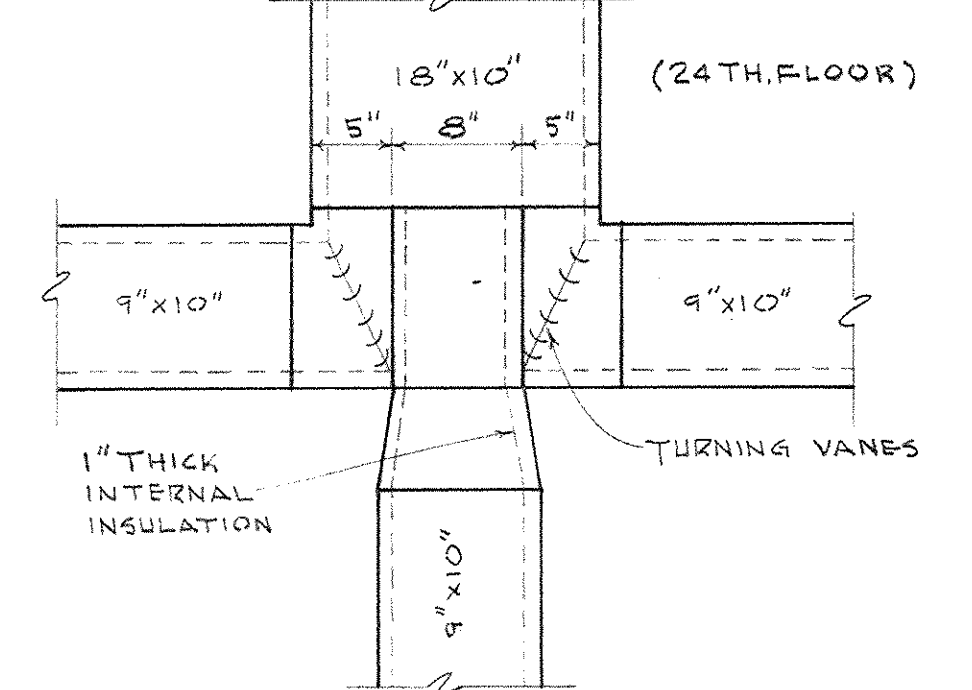
SCHEDULE OF RETURN AIR QUANTITIES THRU LIGHT FIXTURES					
SYMBOL	RETURN AIR QUANTITY-CFM	FLOORS APPLICABLE	SYMBOL	RETURN AIR QUANTITY-CFM	FLOORS APPLICABLE
A	26	1 THRU 12 & 14 THRU 23	O	44	1 THRU 12 & 15 THRU 23
B	50	1 THRU 12 & 15 THRU 23	P	41	14TH
C	45	14TH		28	24TH
D	39	1 THRU 12 & 15 THRU 23		39	1 THRU 12 & 15 THRU 23
E	35	14TH		35	14TH
F	44	1 THRU 12 & 15 THRU 23		52	24TH
G	41	14TH		39	1 THRU 12 & 15 THRU 23
H	54	1 THRU 12 & 15 THRU 23		35	14TH
I	50	14TH		61	24TH
J	48	1 THRU 12 & 15 THRU 23		50	1 THRU 12 & 15 THRU 23
K	46	14TH		45	14TH
L	57	1 THRU 12 & 15 THRU 23		61	24TH
M	34	14TH		25	1 THRU 12 & 14 THRU 23
N	38	14TH		61	24TH
O	54	1 THRU 12 & 15 THRU 23		25	1 THRU 12 & 14 THRU 23
P	50	14TH		41	14TH
Q	48	1 THRU 12 & 15 THRU 23		52	24TH
R	46	14TH		39	1 THRU 12 & 15 THRU 23
S	57	1 THRU 12 & 15 THRU 23		52	24TH
T	52	24TH		22	1 THRU 12 & 14 THRU 23
U	48	1 THRU 12 & 15 THRU 23		61	24TH
V	46	14TH		25	1 THRU 12 & 14 THRU 23
W	52	24TH		61	24TH
X	52	1 THRU 12 & 15 THRU 23		52	24TH
Y	61	24TH		22	1 THRU 12 & 14 THRU 23
Z	50	1 THRU 12 & 15 THRU 23		22	1 THRU 12 & 14 THRU 23
AA	45	14TH		28	24TH
AB	39	24TH		22	1 THRU 12 & 14 THRU 23
				22	1 THRU 12 & 14 THRU 23
				22	24TH
				55	24TH



HEATING AND AIR CONDITIONING PLAN - 24TH FLOOR
SCALE: 1/8" = 1'-0"



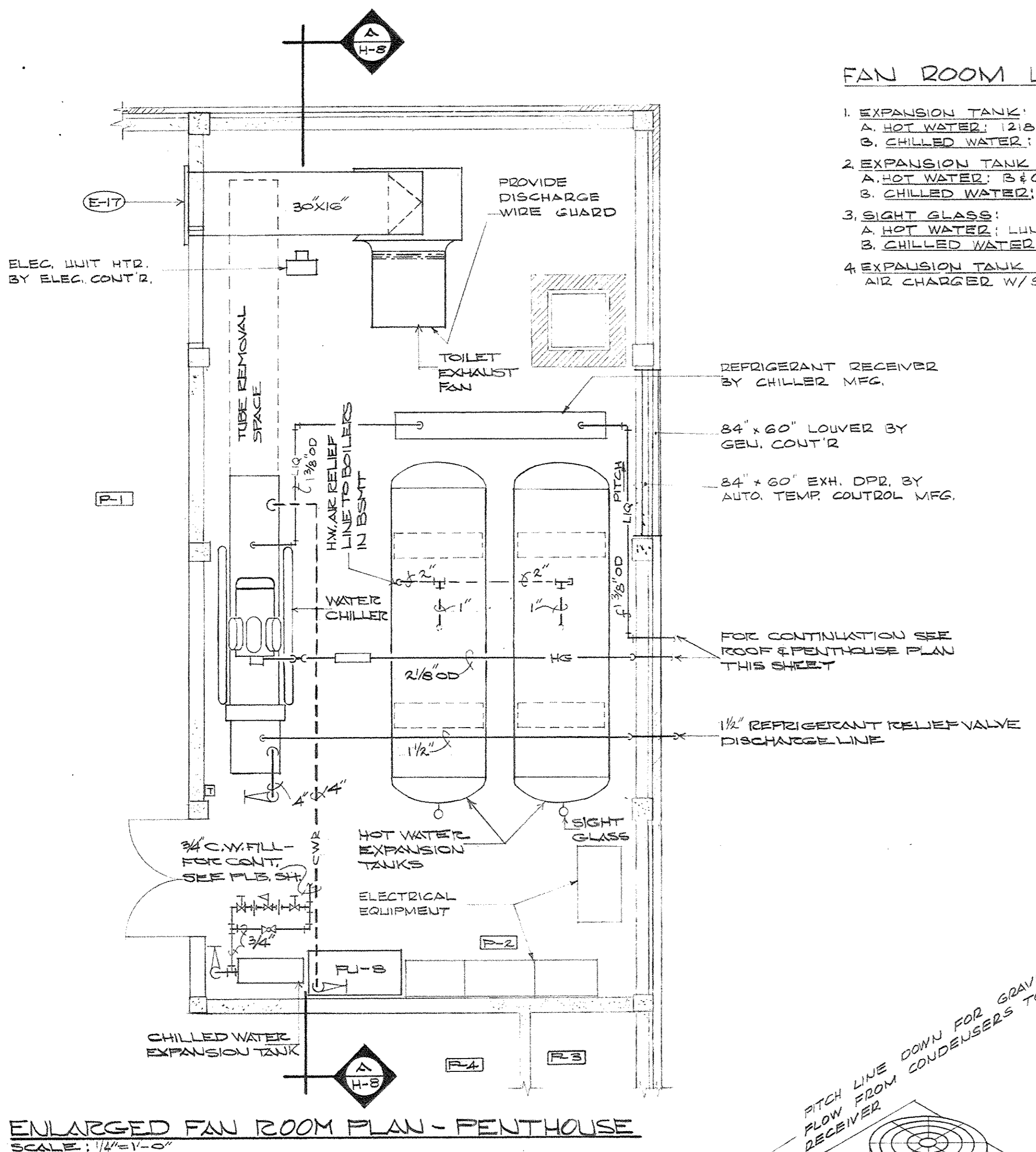
DUCT TAKE-OFF DETAIL # 4
SCALE: 1/4" = 1'-0"



DUCT TAKE-OFF DETAIL # 5
SCALE: 1/4" = 1'-0"

CAPITAL PLAZA OFFICE BUILDING
FRANKFORT, KENTUCKY

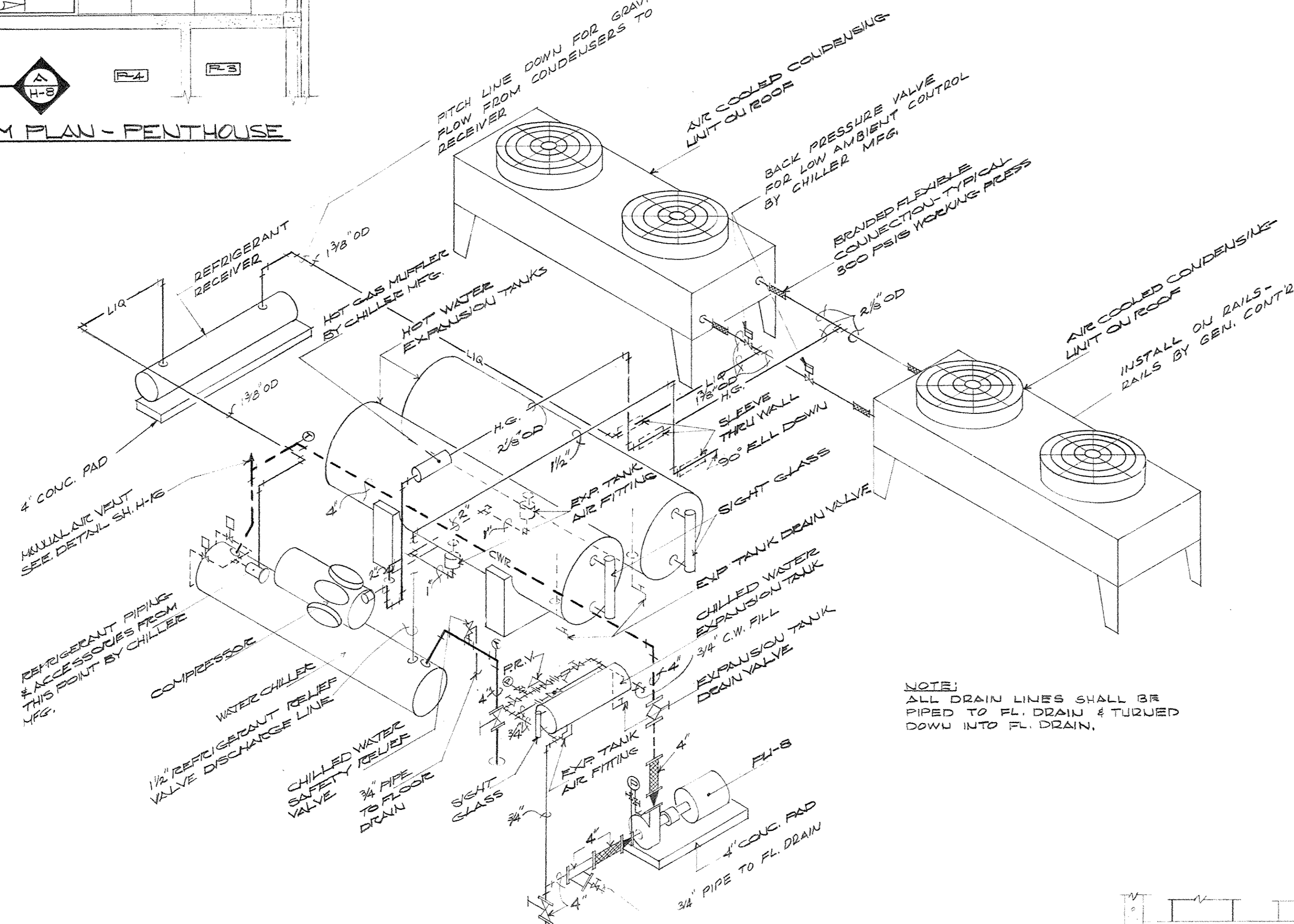
DRAWN BY T.F. CHECKED BY D.S.G. RECTOR NO. C-2 APPROVED BY ARCHITECT APPROVED BY AGENCY HEAD APPROVED BY OWNER	HEATING AND AIR CONDITIONING PLAN 24TH FLOOR ARCHITECT EDWARD DURELL STONE 7 EAST 67TH STREET NEW YORK N.Y. ASSOCIATE ARCHITECTS & ENGINEERS LEE POTTER SMITH & ASSOCIATES 314 WILKINSON FRANKFORT, KENTUCKY COMMONWEALTH OF KENTUCKY DEPARTMENT OF FINANCE - ENGINEERING STAFF FRANKFORT, KENTUCKY	DATE 15 MAY 67 SCALE AS SHOWN COMM. NO. 70066 DRAWING NO. H 7 OF H-23 DATE MAY 24 1967
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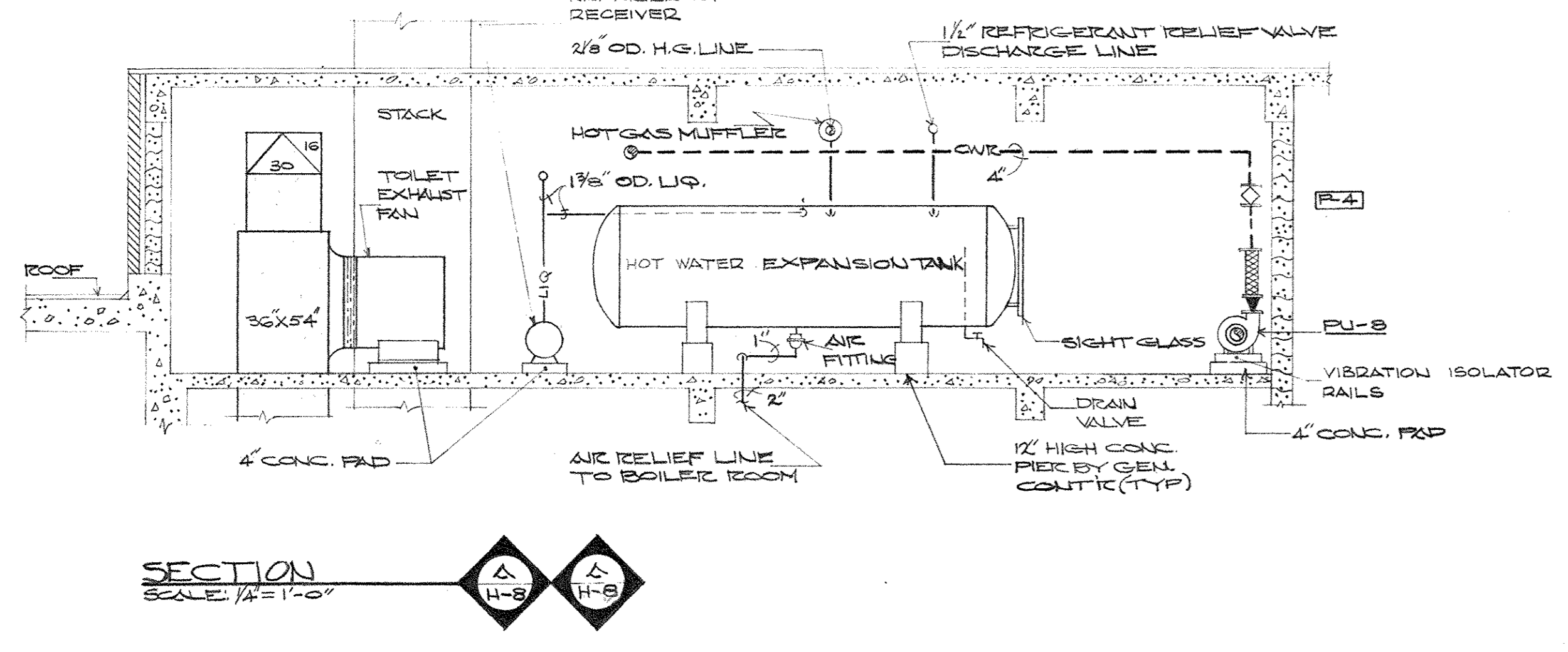
ENLARGED FAN ROOM PLAN - PENTHOUSE
SCALE: 1/4" = 1'-0"

FAN ROOM LIST OF MATERIALS

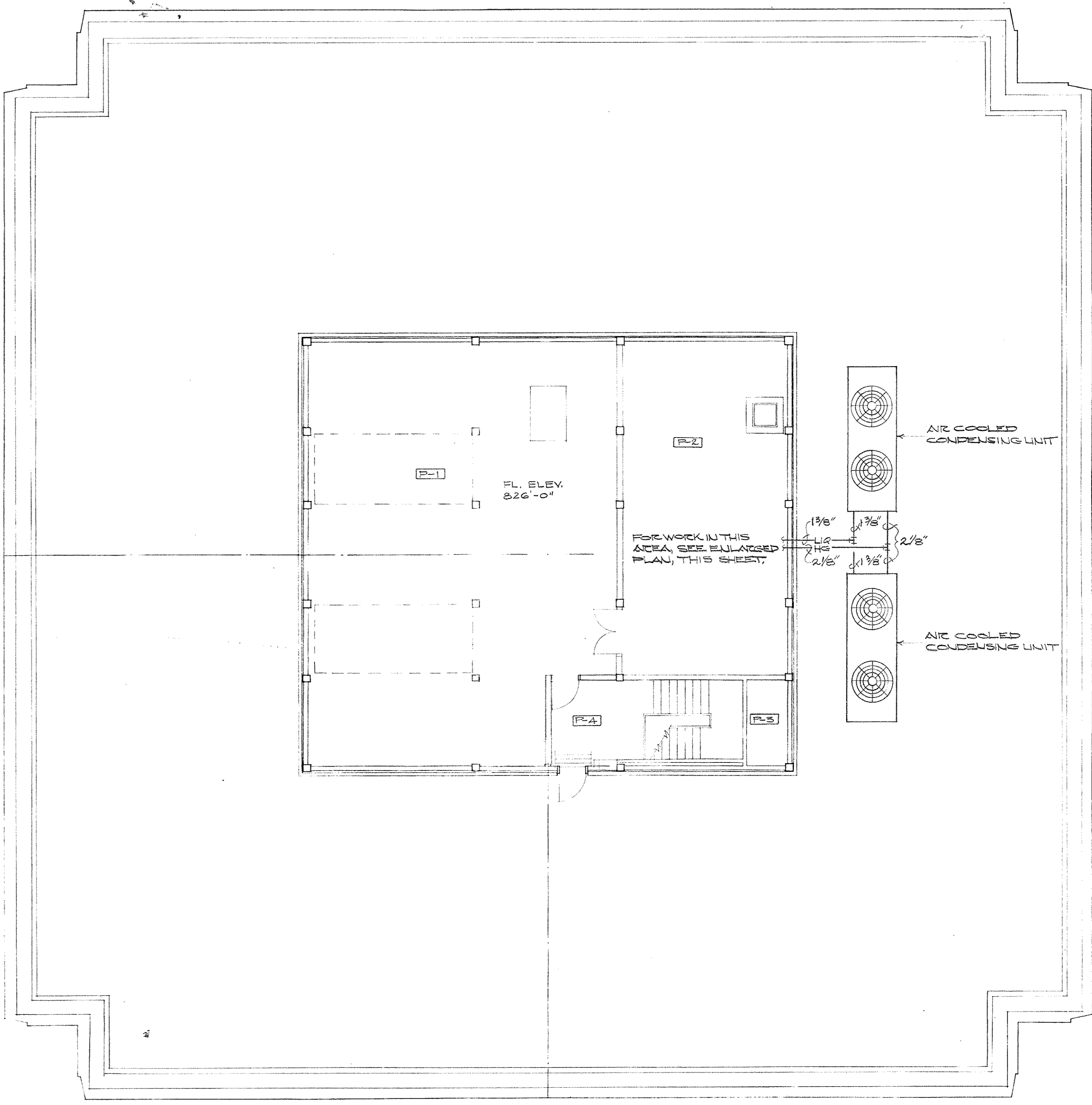
1. EXPANSION TANK:
 - A. HOT WATER: 210 GAL. CAPACITY, 48" x 168", A.S.M.E.
 - B. CHILLED WATER: 15 GAL. CAPACITY, 12" x 33", A.S.M.E.
2. EXPANSION TANK AIR FITTING:
 - A. HOT WATER: 3/4" AIR TROL. ATF-11
 - B. CHILLED WATER: 3/4" AIR TROL. ATF-12
3. SIGHT GLASS:
 - A. HOT WATER: LUKKENHEIMER #459, 30" C/C.
 - B. CHILLED WATER: LUKKENHEIMER #459, 6" C/C.
4. EXPANSION TANK DRAIN VALVE: 3/4" "DRAIN-O-TANK" AIR CHARGED W/STD HOSE CONNECTION.



PENTHOUSE PIPING DIAGRAM
NO SCALE

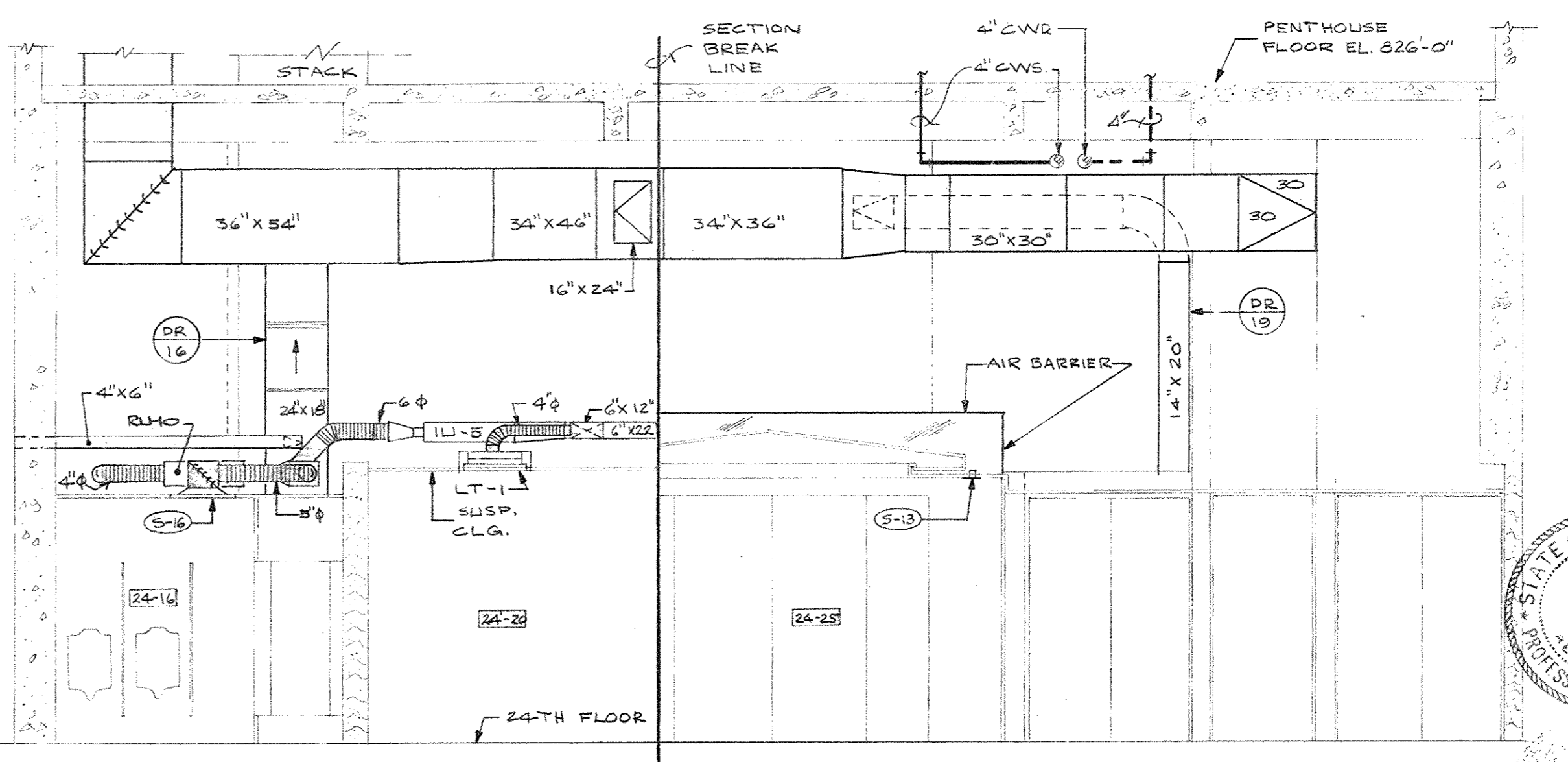


SECTION A-A
SCALE: 1/4" = 1'-0"



HEATING AND AIR CONDITIONING PLAN - ROOF AND PENTHOUSE
SCALE: 1/8" = 1'-0"

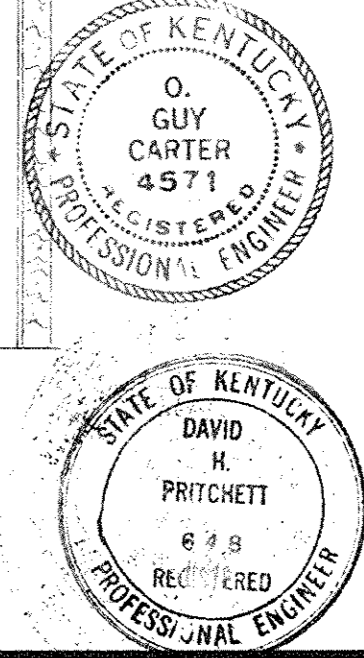
NOTE:
ALL DRAIN LINES SHALL BE PIPED TO FL. DRAIN & TURNED DOWN INTO FL. DRAIN.

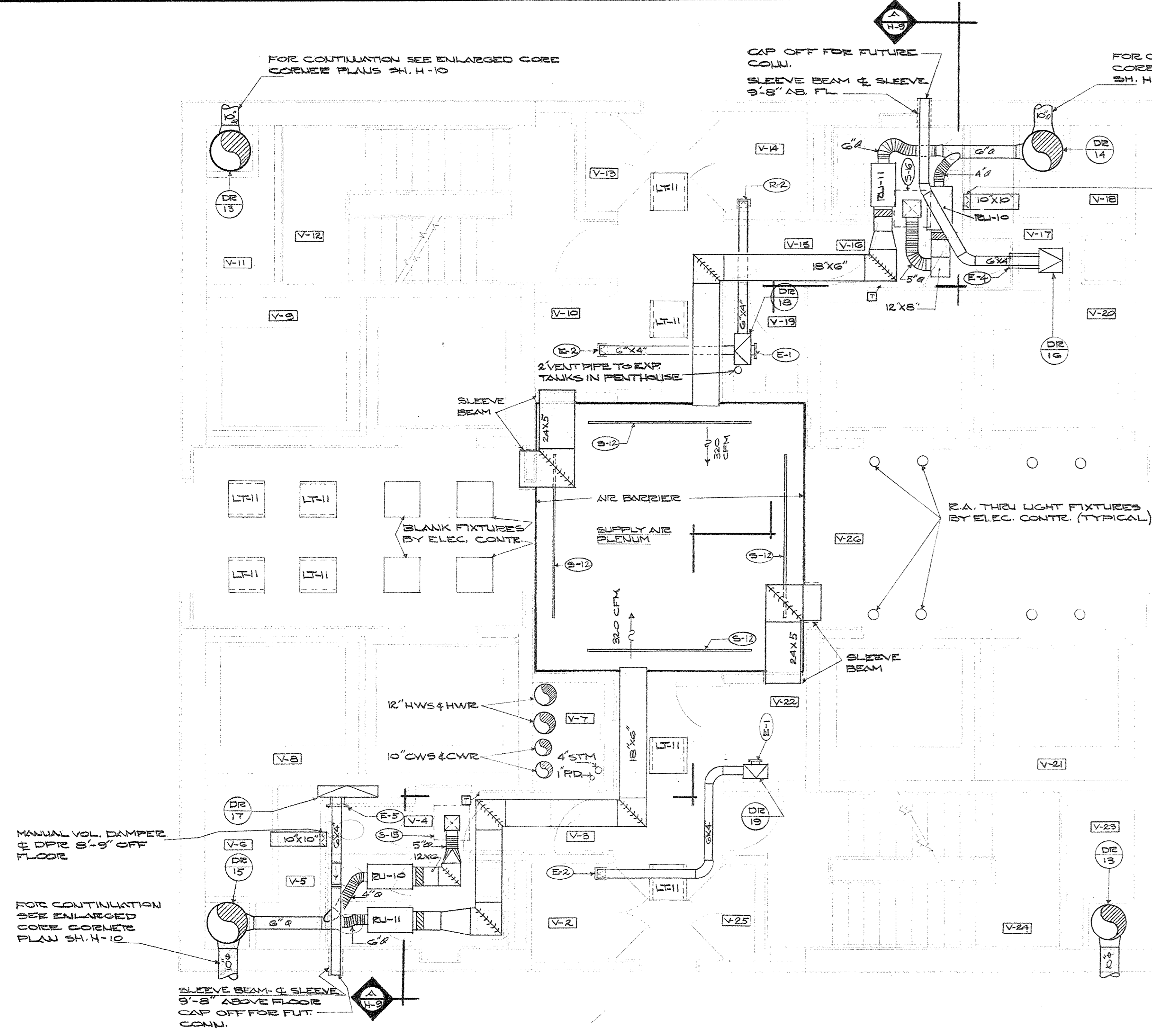


SECTION B-B
SCALE: 1/4" = 1'-0"

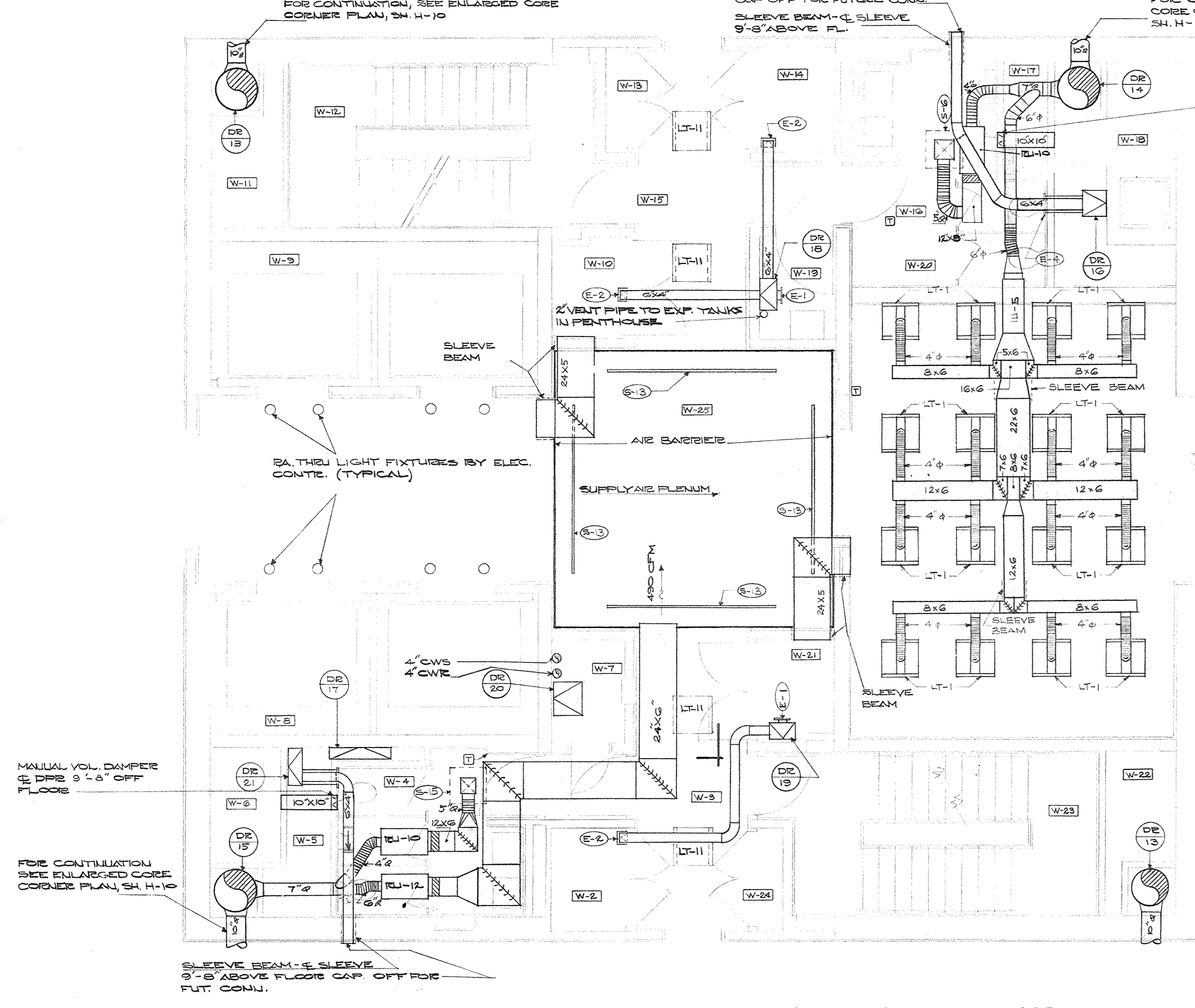
AS-BUILT DRAWINGS
DATE: JAN 73
HUGO, CARTER & CLARKSON, INC.

CAPITAL PLAZA OFFICE BUILDING FRANKFORT, KENTUCKY		
DRAWN BY T.F.	HEATING & AIR CONDITIONING PLAN ROOF AND PENTHOUSE	DATE 15 MAY 67
TRACED BY T.F. & V.W.	ARCHITECT EDWARD DURELL STONE 7 EAST 67TH STREET NEW YORK, N.Y.	SCALE AS SHOWN
CHECKED BY O.G.C.	ASSOCIATE ARCHITECTS & ENGINEERS LEE POTTER SMITH & ASSOCIATES 314 WILKINSON FRANKFORT, KENTUCKY	COMM. NO. 50066
SECTOR NO. C 2	COMMONWEALTH OF KENTUCKY DEPARTMENT OF FINANCE - ENGINEERING STAFF FRANKFORT, KENTUCKY	DRAWING NO. H 8 OF H-23
APPROVED BY ARCHITECT	DATE	
APPROVED BY AGENCY HEAD	DATE	
APPROVED BY OWNER	DATE	MAY 8 1967

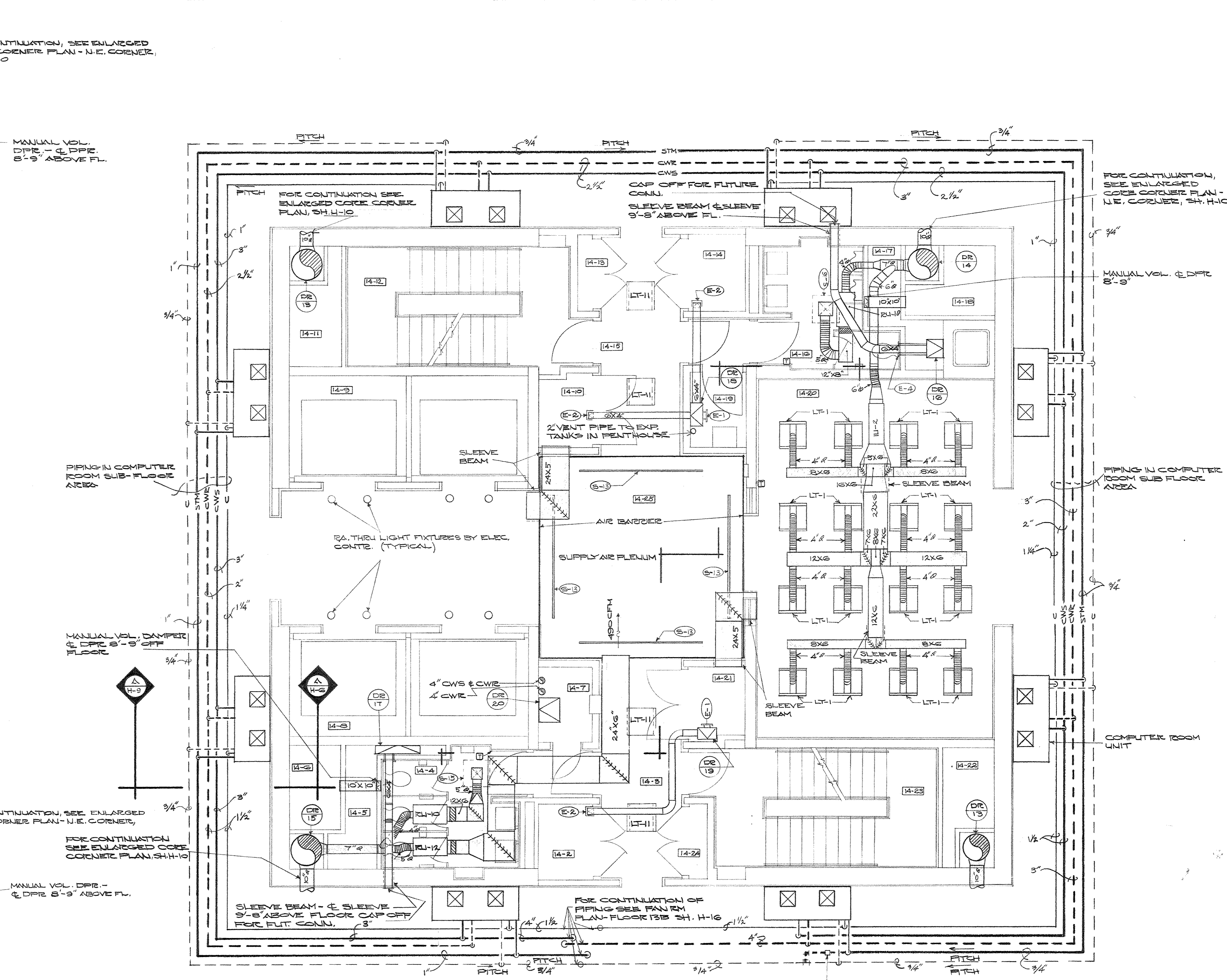




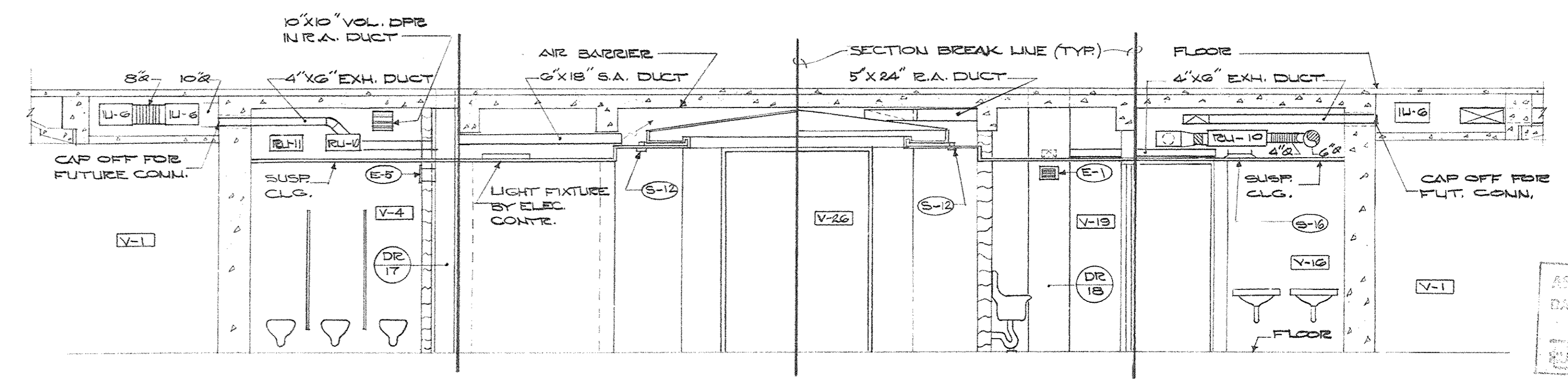
ENLARGED CORE PLAN - FLOORS ONE THRU TWELVE
SCALE: 1/4" = 1'-0"



ENLARGED CORE PLAN - FLOORS 15 THRU 23 & LOWER LEVEL 24TH FLOOR
SCALE: 1/4" = 1'-0"



ENLARGED CORE PLAN - 14TH FLOOR
SCALE: 1/4" = 1'-0"



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

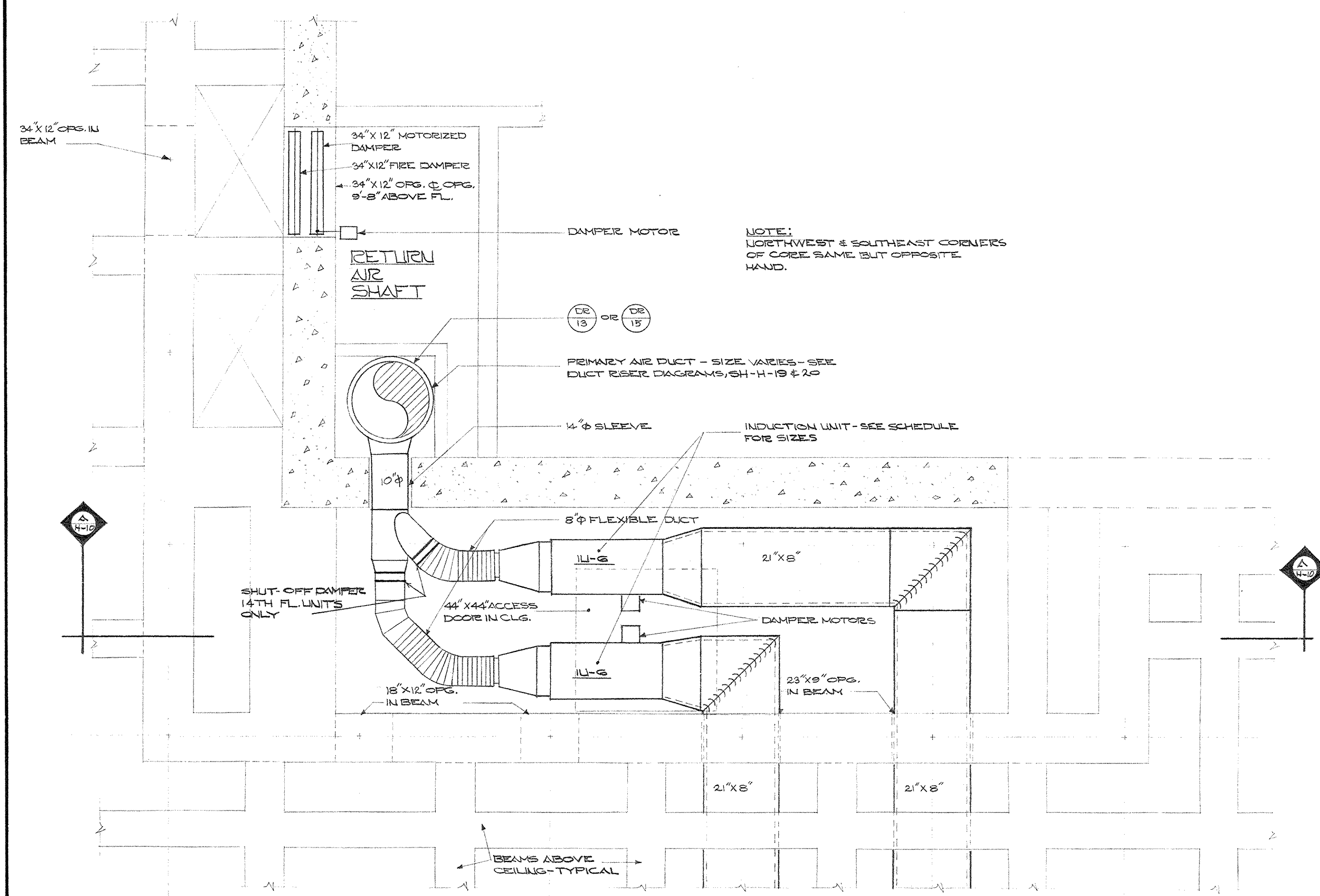
DRIP TRAP - AIR/STEAM
200 OR APPROVED
EQUAL

ECCENTRIC REDUCER

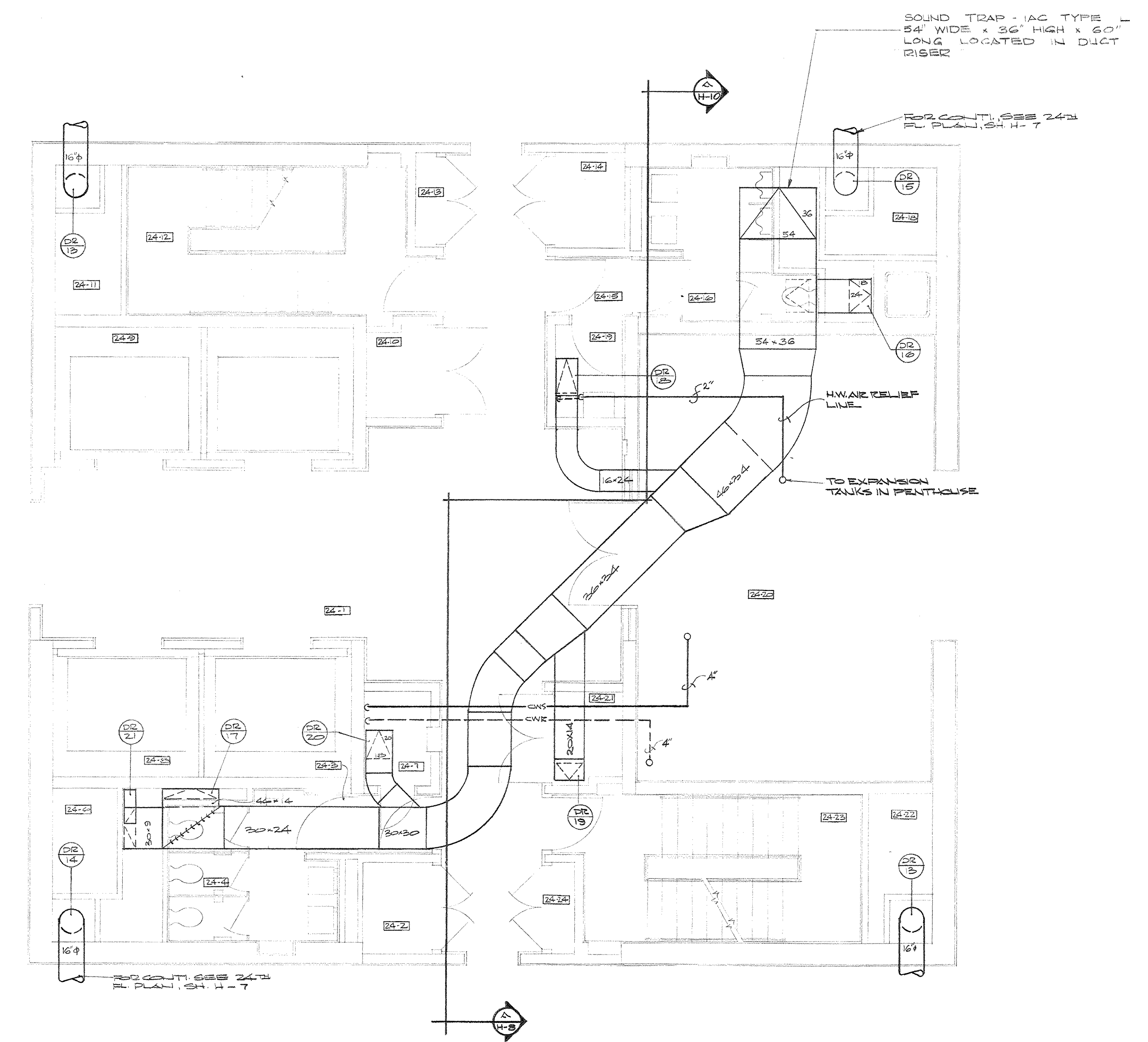
CONNECT TO CONDENSATE
RETURN MAIN

STEAM MAIN DRIP DETAIL
1/8" SCALE

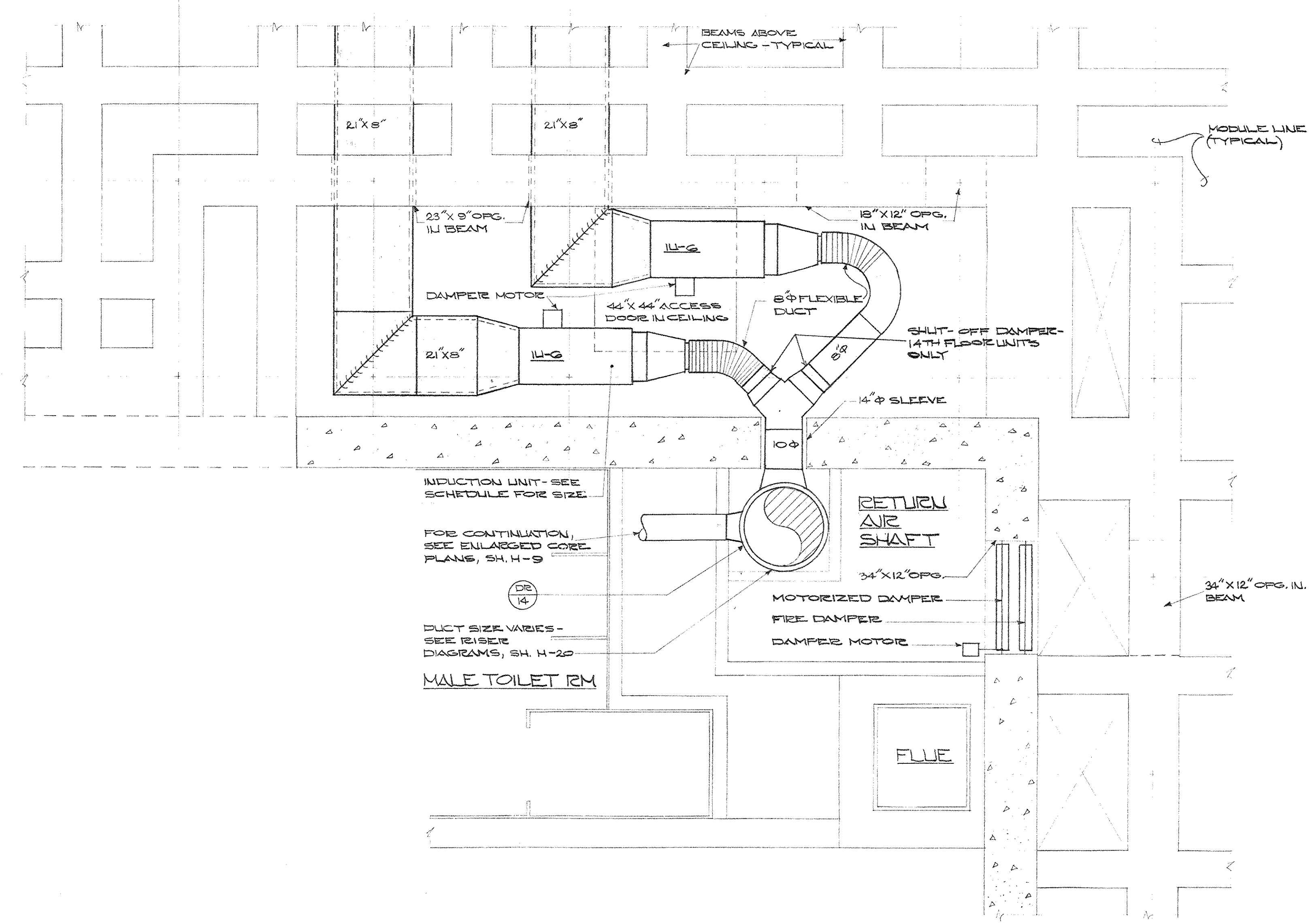
CAPITAL PLAZA OFFICE BUILDING		
FRANKFORT, KENTUCKY		
DRAWN BY T.F.	ENLARGED CORE PLANS	DATE 15 MAY '67
TRACED BY T.F. & M.W.	ARCHITECT EDWARD DURELL STONE	SCALE AS SHOWN
CHECKED BY D.G.C.	7 EAST 67TH STREET NEW YORK, N.Y.	COMM. NO. 50096
SECTOR NO. C 2	ASSOCIATE ARCHITECTS & ENGINEERS LEE POTTER SMITH & ASSOCIATES	DRAWING NO. H 9
	314 WILKINSON FRANKFORT, KENTUCKY	OF 14-23
	COMMONWEALTH OF KENTUCKY DEPARTMENT OF FINANCE - ENGINEERING STAFF	
APPROVED BY	ARCHITECT	DATE
APPROVED BY	AGENCY HEAD	DATE
APPROVED BY	OWNER	DATE MAY 24 1967



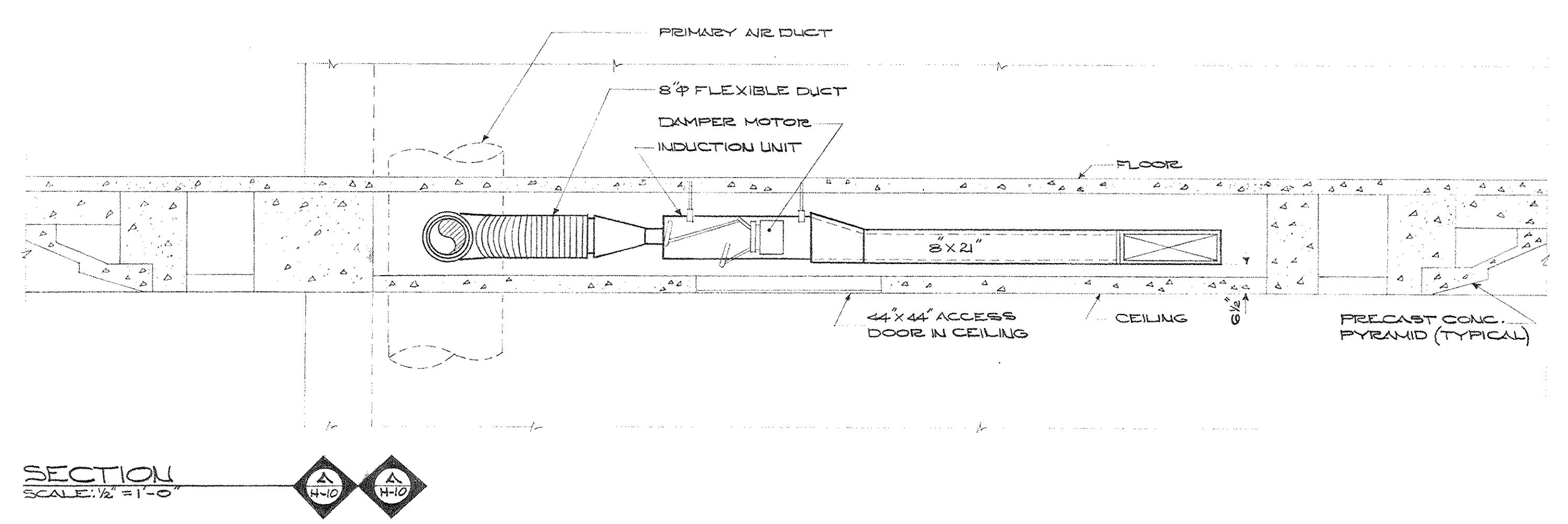
ENLARGED PLAN - SOUTHWEST CORNER OF CORE - TYPICAL FLOOR
SCALE: 1/2" = 1'-0"



ENLARGED CORE PLAN - TWENTY-FOURTH FLOOR-UPPER LEVEL
SCALE: 1/4" = 1'-0"

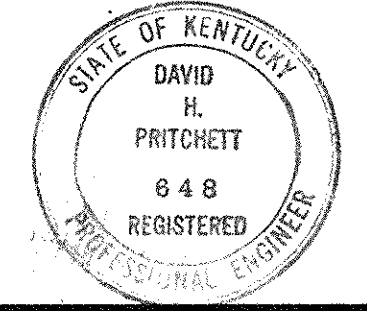
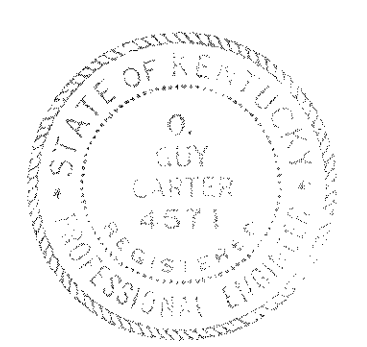


ENLARGED PLAN - N.E. CORNER OF CORE - TYPICAL FLOOR
SCALE: 1/2" = 1'-0"

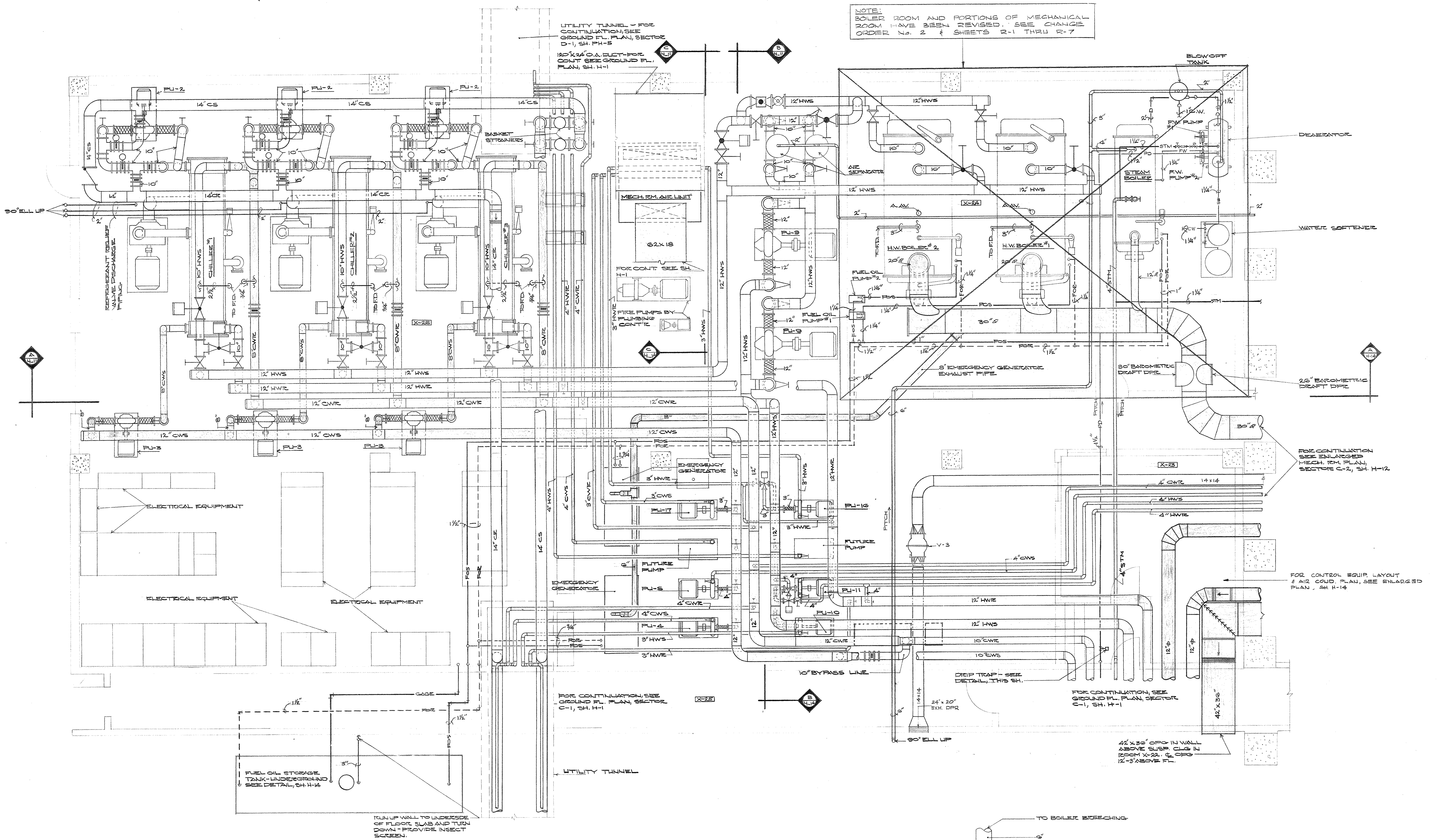


SECTION
SCALE: 1/2" = 1'-0"

AS-BUILT DRAWING
DATE: JAN 73
RUSCO, CARTER & GLASMAN, INC.

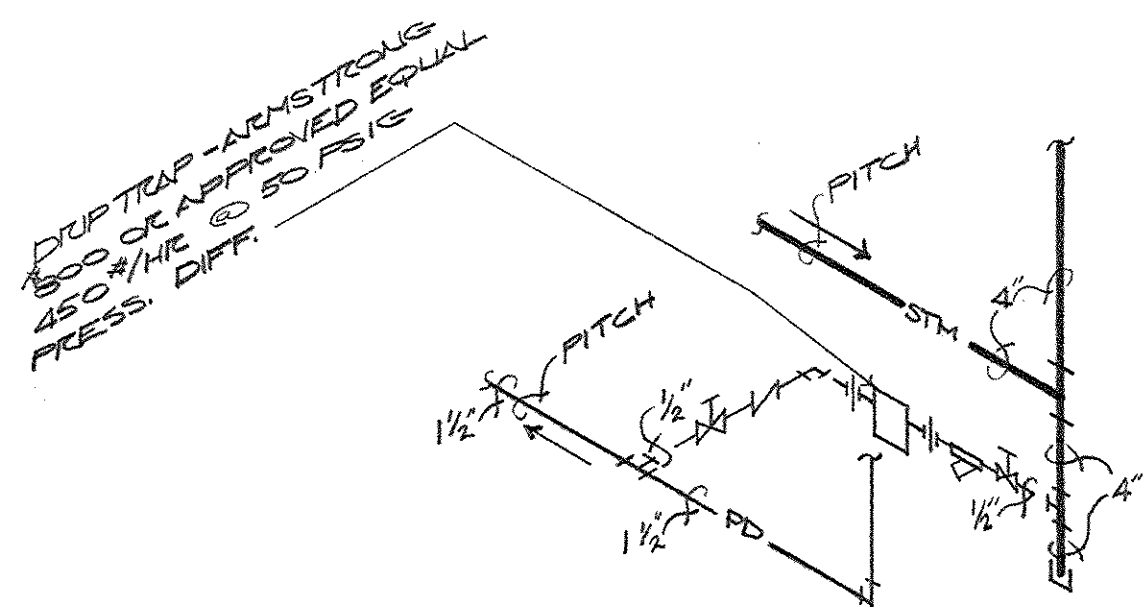


CAPITAL PLAZA OFFICE BUILDING FRANKFORT, KENTUCKY		
DRAWN BY T.F.	ENLARGED CORE PLAN AND DETAILS	DATE 15 MAY 67
TRACED BY V.V.	ARCHITECT EDWARD DURELL STONE 7 EAST 6TH STREET NEW YORK, N.Y.	SCALE AS SHOWN
CHECKED BY C.A.C.	ASSOCIATE ARCHITECTS & ENGINEERS LEE POTTER SMITH & ASSOCIATES 314 WILSON FRANKFORT, KENTUCKY	COMM. NO. 59066
SECTOR NO. C 1	COMMONWEALTH OF KENTUCKY DEPARTMENT OF FINANCE - ENGINEERING STAFF FRANKFORT, KENTUCKY	DRAWING NO. H 10 OF H-23
APPROVED BY ARCHITECT	DATE	
APPROVED BY AGENCY HEAD	DATE	
APPROVED BY OWNER	DATE MAY 24 1967	

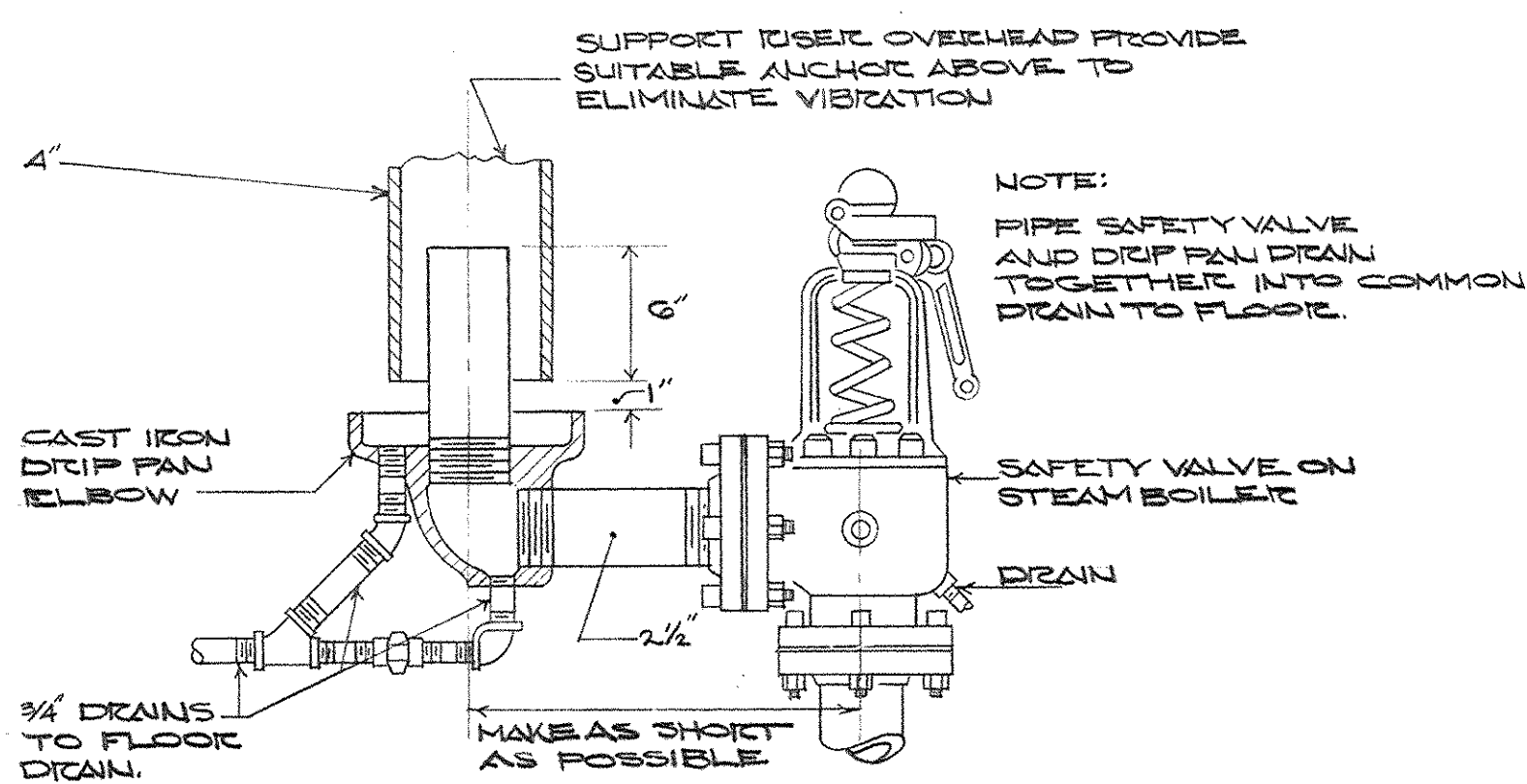


NOTE:
BOILER ROOM AND PORTIONS OF MECHANICAL ROOM HAVE BEEN REVISED. SEE CHANGE ORDER NO. 2 & SHEETS R-1 THRU R-7

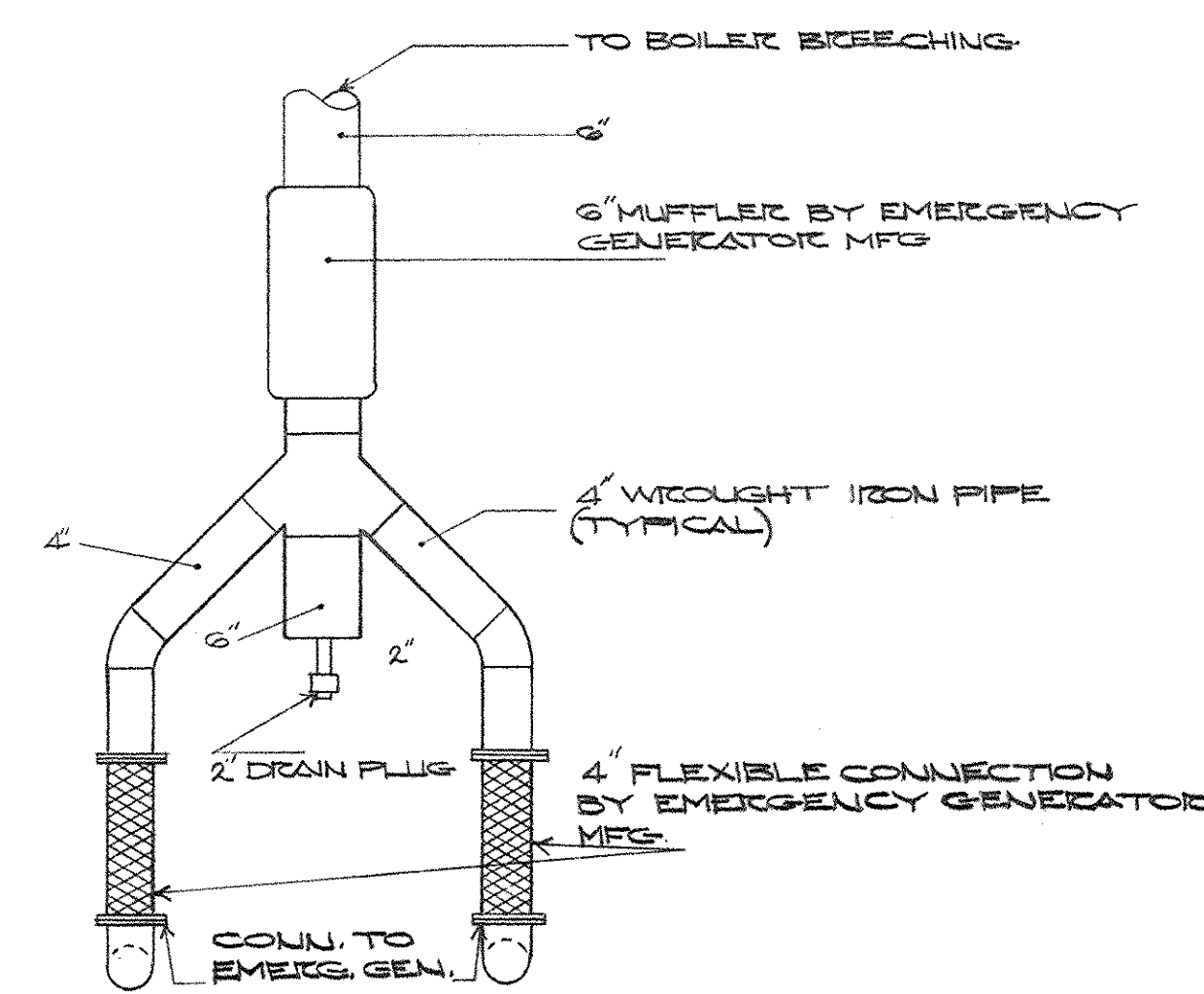
ENLARGED MECHANICAL ROOM PLAN - SECTOR C-1
SCALE: 1/4" = 1'-0"



STEAM MAIN DRIP TRAP DETAIL
NO SCALE



DRIP PAN ELBOW INSTALLATION DET.
NO SCALE

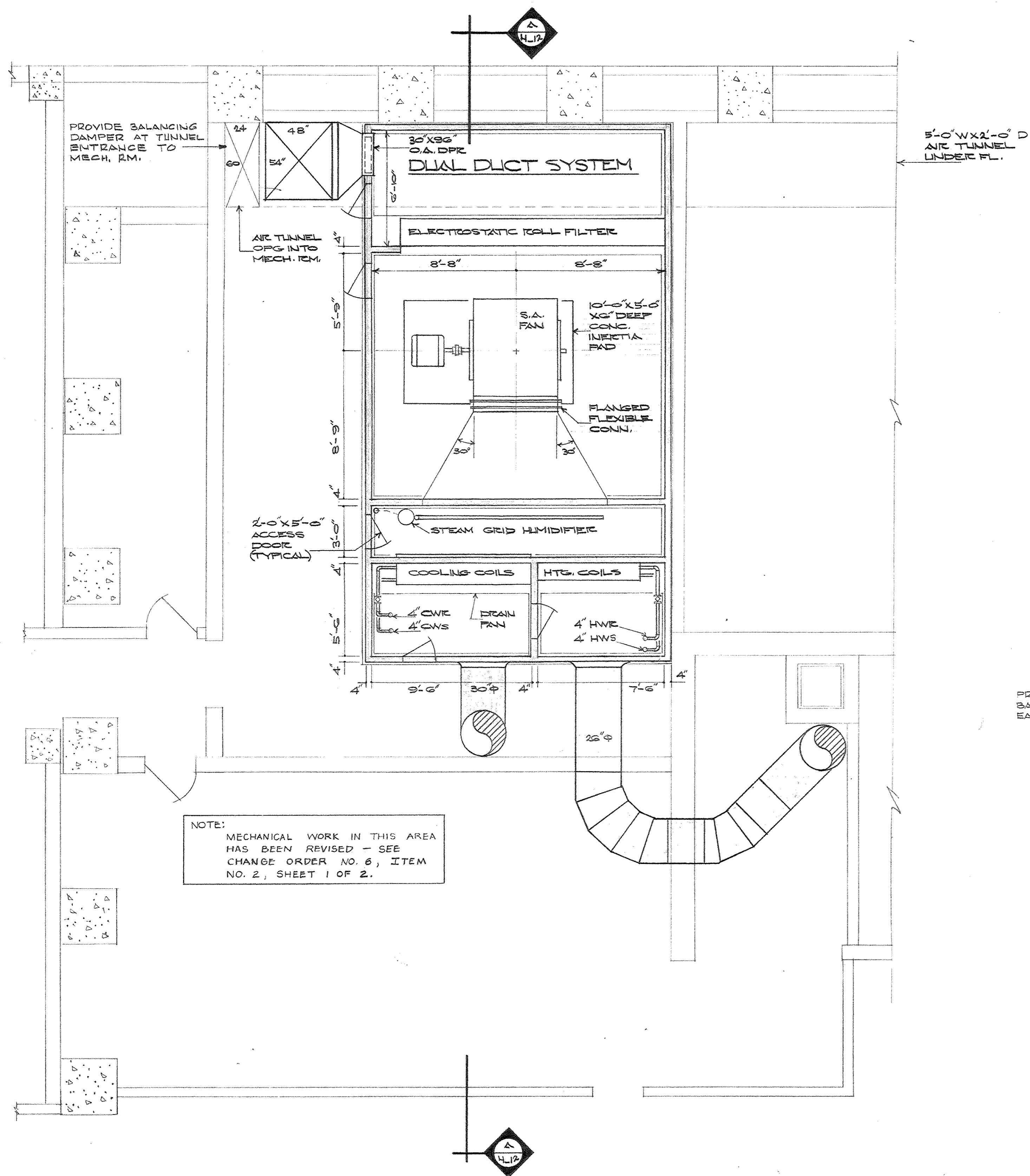


EMERGENCY GENERATOR EXHAUST DETAIL
NO SCALE

AS-BUILT DRAWING
DATE: JAN 73
HUGG, CARTER & ELAKEDIAN, INC.

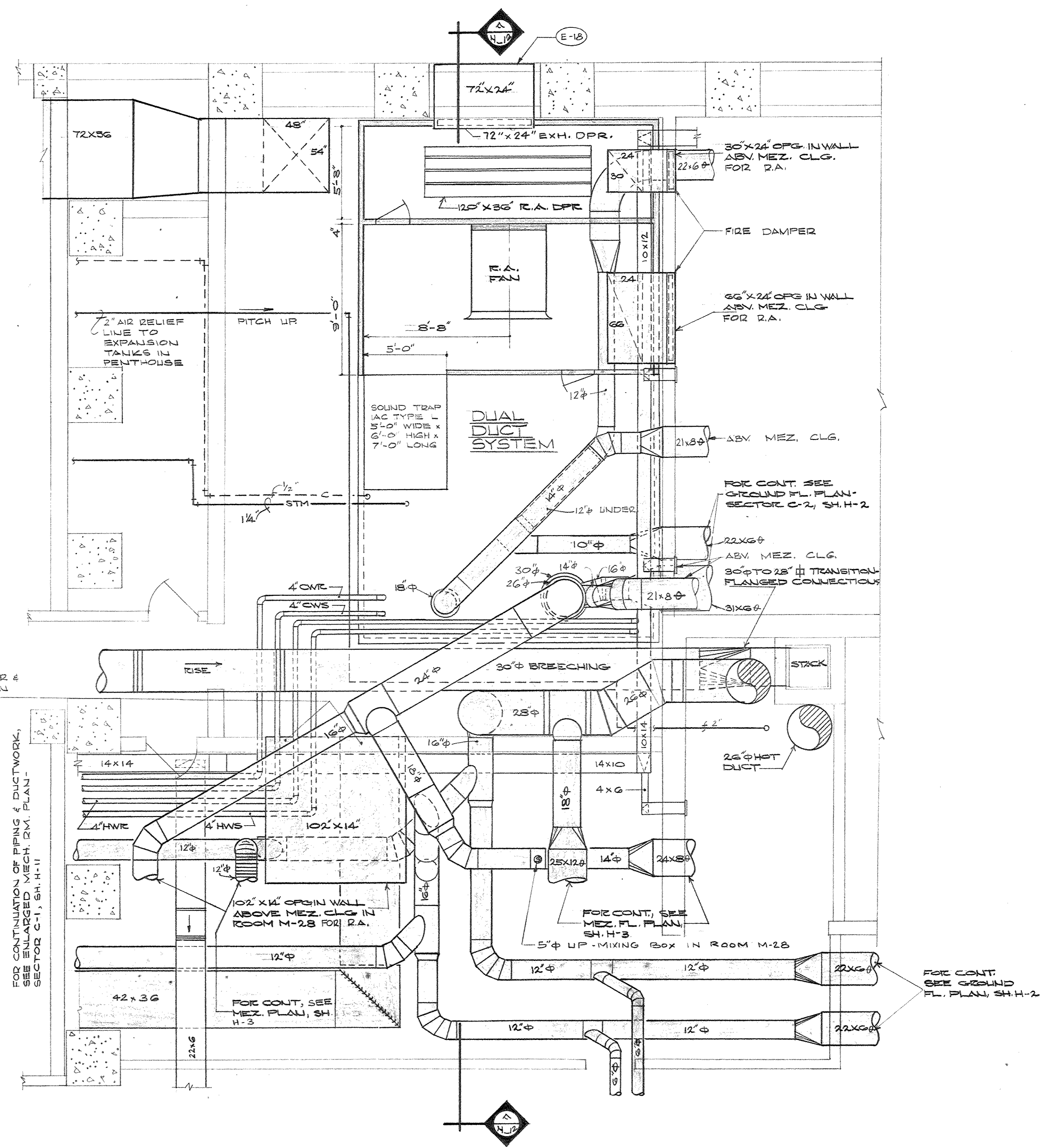
CAPITAL PLAZA OFFICE BUILDING
FRANKFORT, KENTUCKY

DRAWN BY O. G. C.	ENLARGED MECHANICAL ROOM PLAN - SECTOR C-1	DATE 15 MAY 1967
CHECKED BY O. G. C.	ARCHITECT EDWARD DURELL STONE 7 EAST 87TH STREET NEW YORK, N.Y.	SCALE AS SHOWN
SECTOR NO. C 2	ASSOCIATE ARCHITECTS & ENGINEERS LEE POTTER SMITH & ASSOCIATES 314 WILKINSON FRANKFORT, KENTUCKY	COMM. NO. CPS-58
	COMMONWEALTH OF KENTUCKY DEPARTMENT OF FINANCE - ENGINEERING STAFF FRANKFORT, KENTUCKY	DRAWING NO. H 11
APPROVED BY ARCHITECT		DATE HUGG, CARTER & ELAKEDIAN, INC.
APPROVED BY AGENCY HEAD		DATE MAY 24 1967
APPROVED BY OWNER		DATE MAY 24 1967

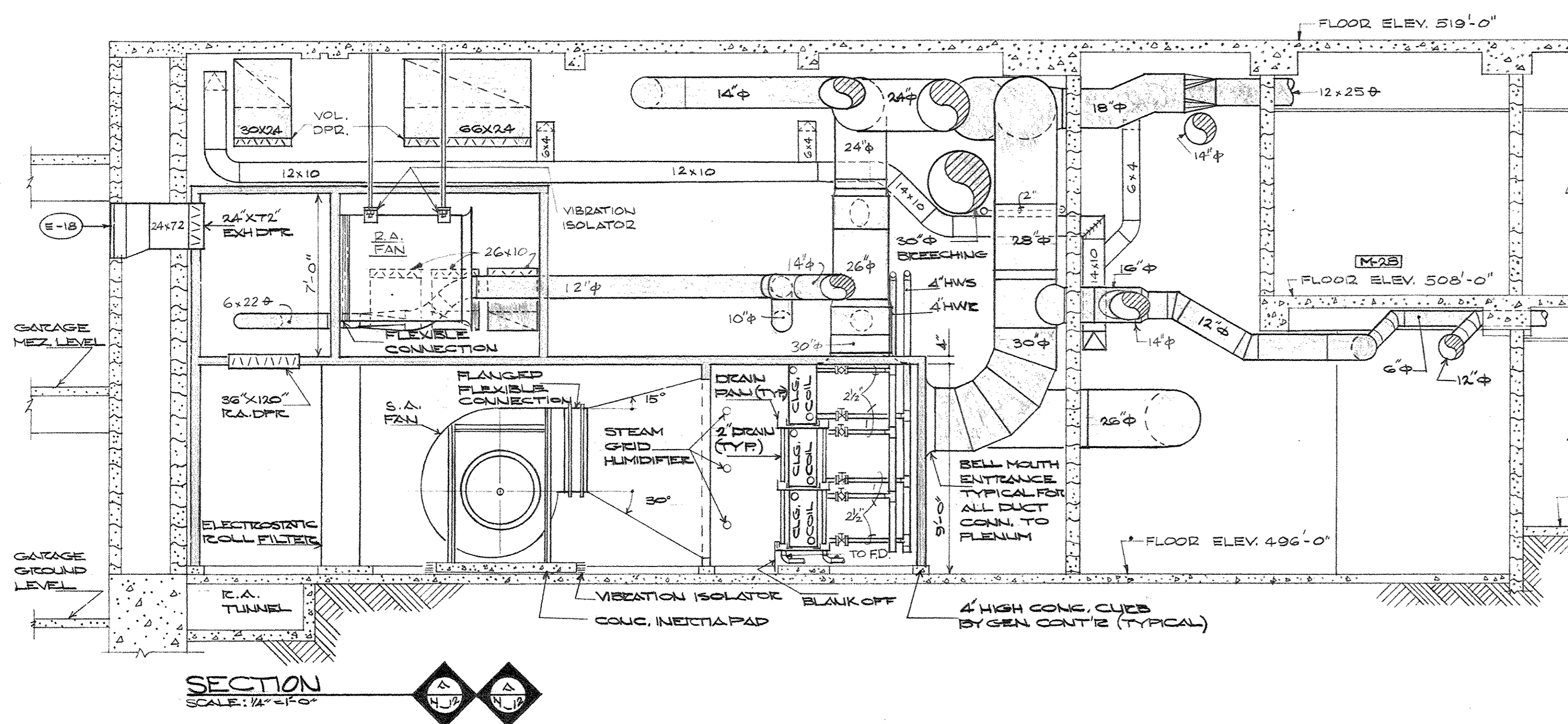


NOTE:
MECHANICAL WORK IN THIS AREA
HAS BEEN REVISED - SEE
CHANGE ORDER NO. 6, ITEM
NO. 2, SHEET 1 OF 2.

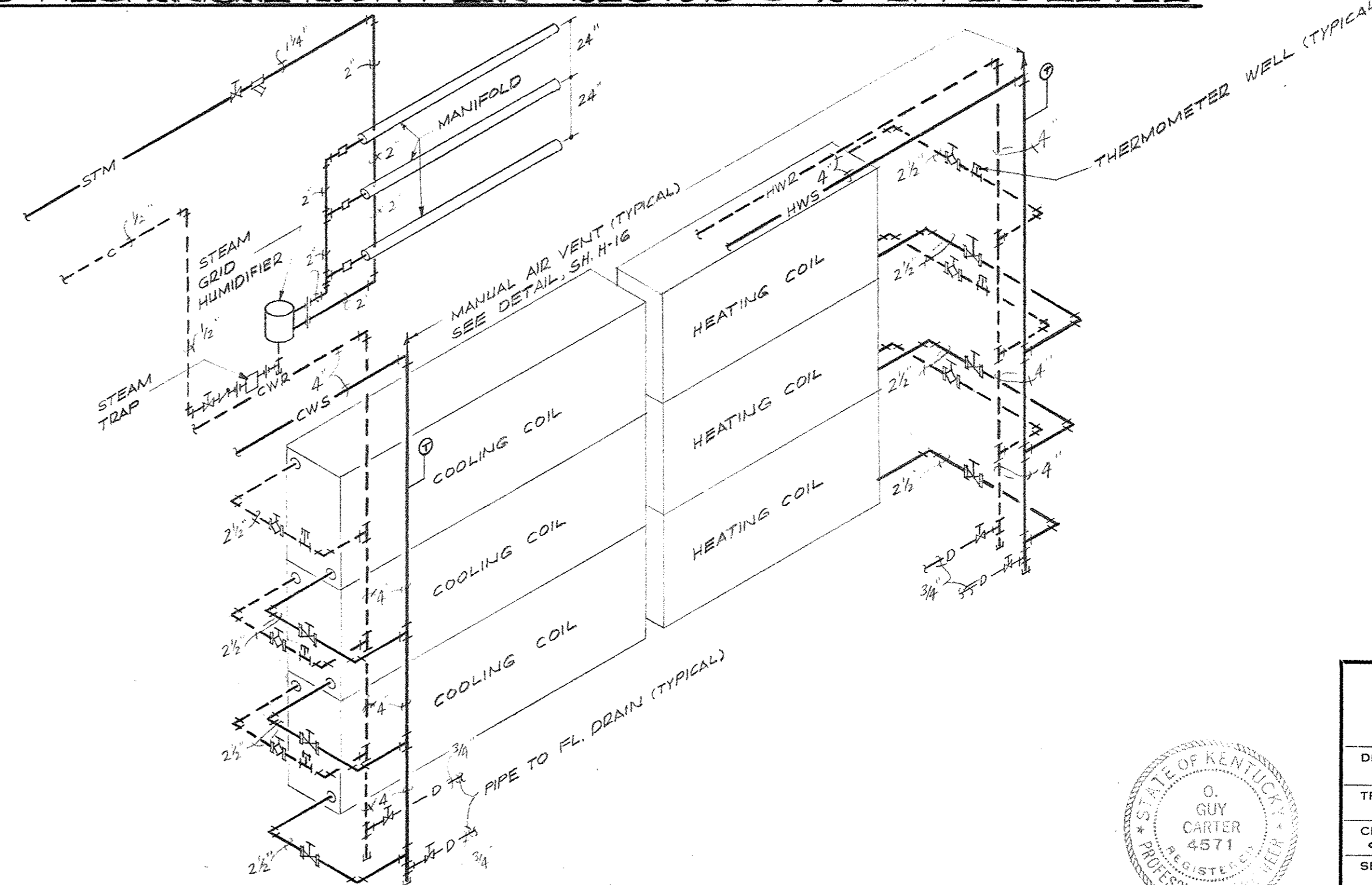
ENLARGED MECHANICAL ROOM PLAN - SECTOR C-2 - LOWER LEVEL
SCALE: 1/4" = 1'-0"



ENLARGED MECHANICAL ROOM PLAN - SECTOR C-2 - UPPER LEVEL
SCALE: 1/4" = 1'-0"



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



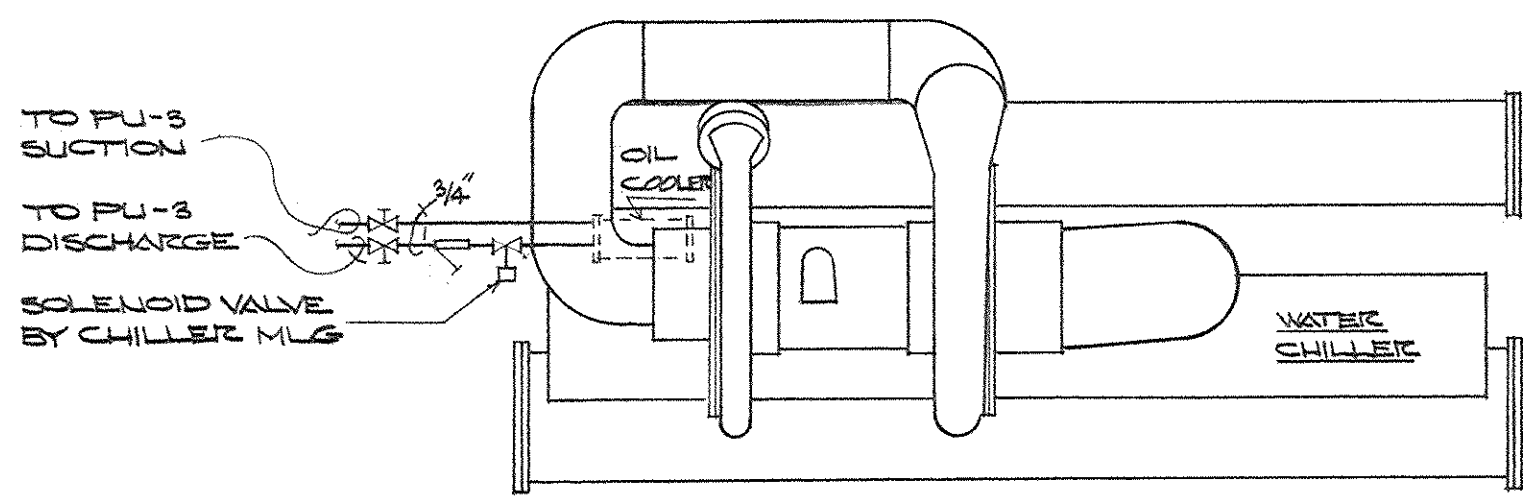
DUAL DUCT SYSTEM PIPING DIAGRAM
NO SCALE

AS-BUILT DRAWINGS
DATE: JAN 73
HUGG, CARTER & BLANKEN, INC.

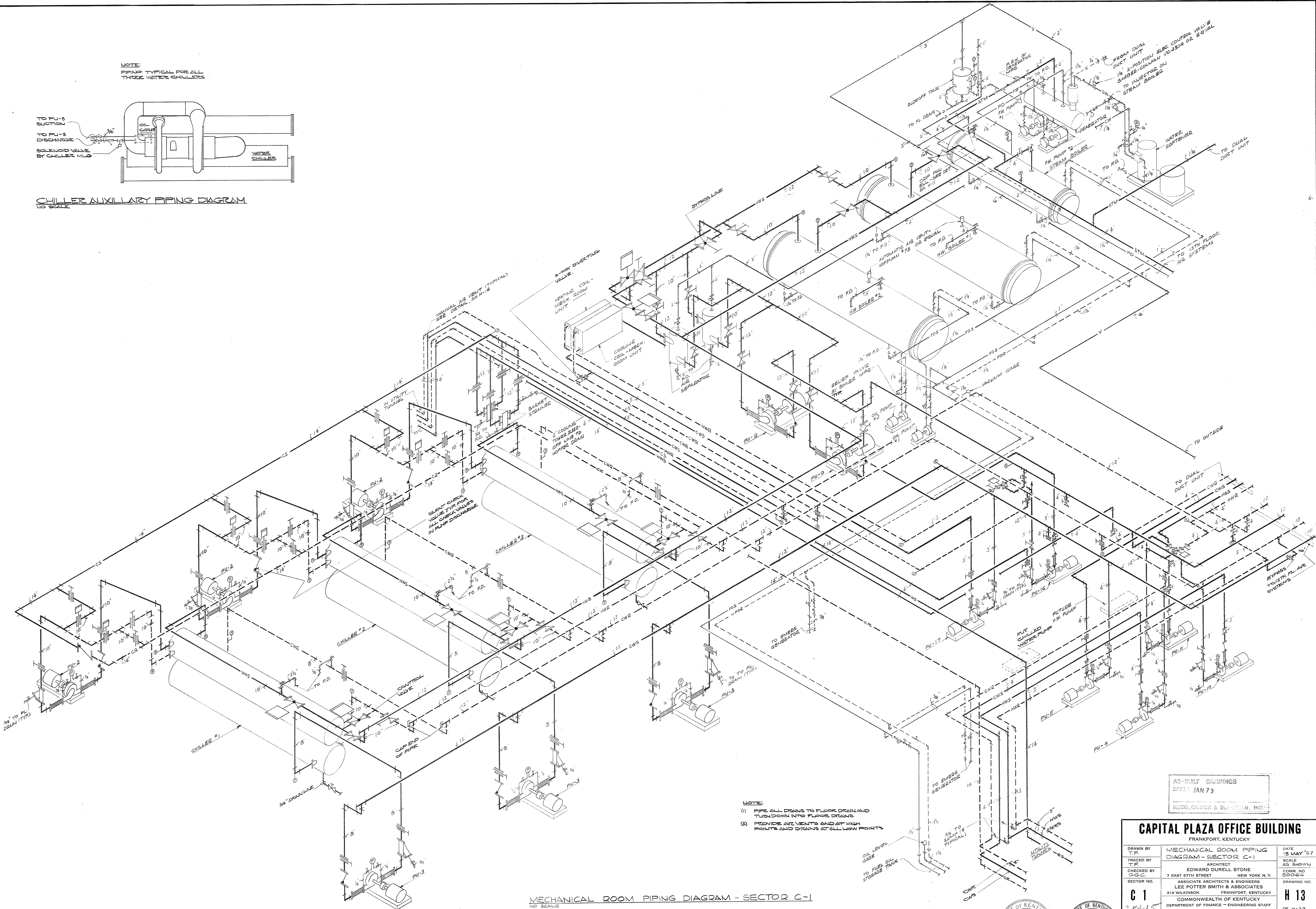
CAPITAL PLAZA OFFICE BUILDING
FRANKFORT, KENTUCKY

DRAWN BY TIF	ENLARGED MECHANICAL ROOM PLAN - SECTOR C-2	DATE 15 MAY '67
TRACED BY N.W.	ARCHITECT EDWARD DURELL STONE	SCALE AS SHOWN
CHECKED BY O.S.C.	7 EAST 67TH STREET NEW YORK, N.Y.	COMM. NO. SC026
SECTOR NO. C 2	ASSOCIATE ARCHITECTS & ENGINEERS LEE POTTER SMITH & ASSOCIATES 314 WILKINSON FRANKFORT, KENTUCKY	DRAWING NO. H 12
APPROVED BY	COMMONWEALTH OF KENTUCKY DEPARTMENT OF FINANCE - ENGINEERING STAFF FRANKFORT, KENTUCKY	OF 14-23
APPROVED BY	ARCHITECT	DATE
APPROVED BY	AGENCY HEAD	DATE
APPROVED BY	OWNER	DATE MAY 24 1967

NOTE:
PIPING TYPICAL FOR ALL
THREE WATER CHILLERS



CHILLER AUXILIARY PIPING DIAGRAM
NO SCALE

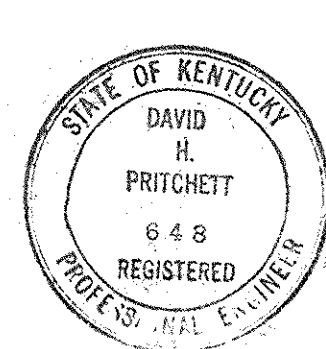


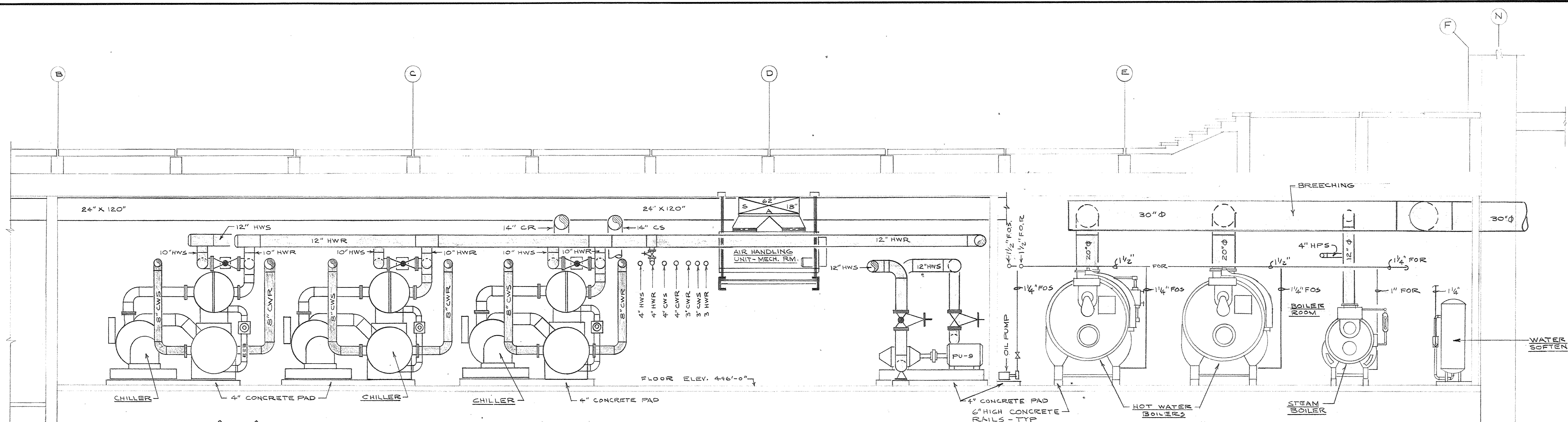
NOTE:
(1) PIPE ALL DRAINS TO FLOOR DRAIN AND
TURN DOWN INTO FLOOR DRAINS
(2) PROVIDE AIR VENTS AND AIR HIGH
POINTS AND DRAINS AT ALL HIGH POINTS

MECHANICAL ROOM PIPING DIAGRAM - SECTOR C-1
NO SCALE

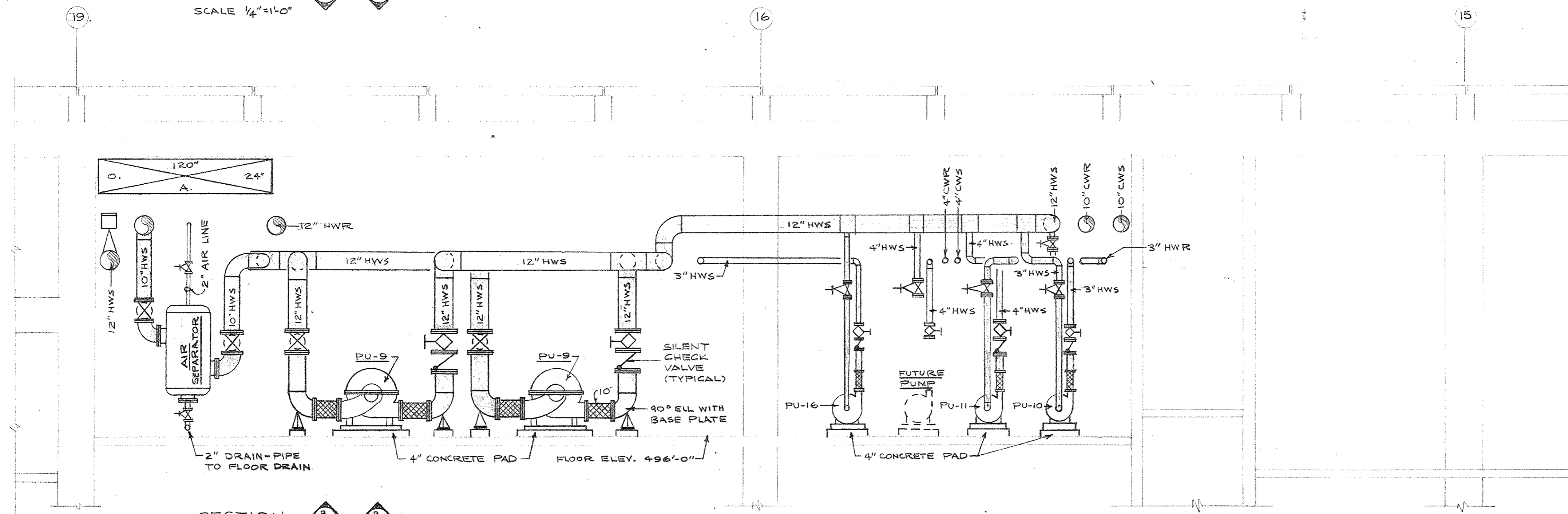
AS-BUILT DRAWINGS
DATE: JAN 73
HUGG, CARTER & BLACKBURN, INC.

CAPITAL PLAZA OFFICE BUILDING FRANKFORT, KENTUCKY			
DRAWN BY	T.F.F.	MECHANICAL ROOM PIPING DIAGRAM - SECTOR C-1	DATE 18 MAY '67
TRACED BY	T.F.F.	ARCHITECT	SCALE AS SHOWN
CHECKED BY	O.G.C.	EDWARD DURELL STONE 7 EAST 67TH STREET NEW YORK, N.Y.	FORM NO. E0069
SECTOR NO.	C 1	ASSOCIATE ARCHITECTS & ENGINEERS LEE POTTER SMITH & ASSOCIATES 314 WILKINSON FRANKFORT, KENTUCKY	DRAWING NO. H 13
APPROVED BY	ARCHITECT	COMMONWEALTH OF KENTUCKY DEPARTMENT OF FINANCE - ENGINEERING STAFF FRANKFORT, KENTUCKY	DATE MAY 14 1967
APPROVED BY	AGENCY HEAD		DATE
APPROVED BY	OWNER		DATE

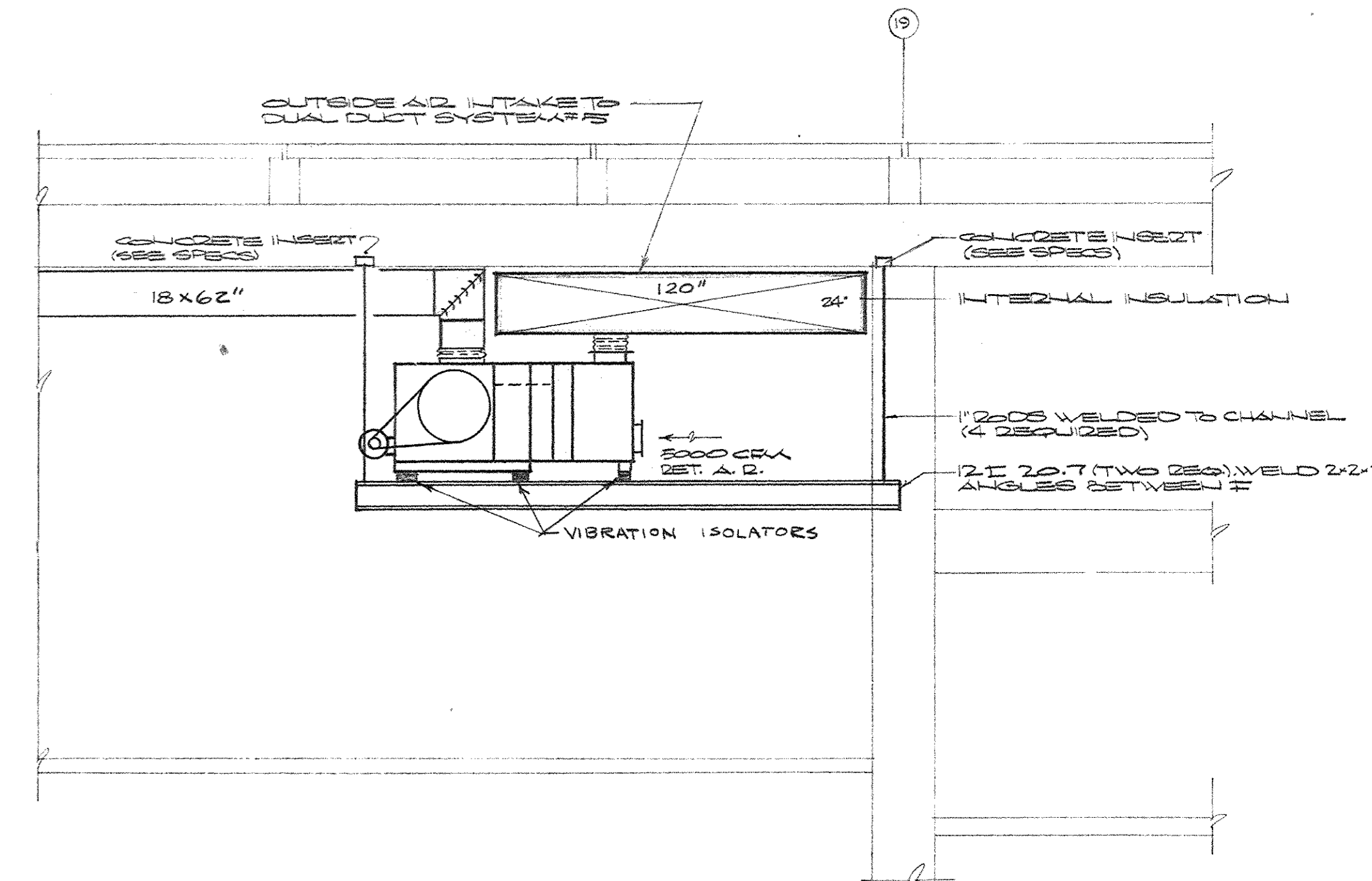




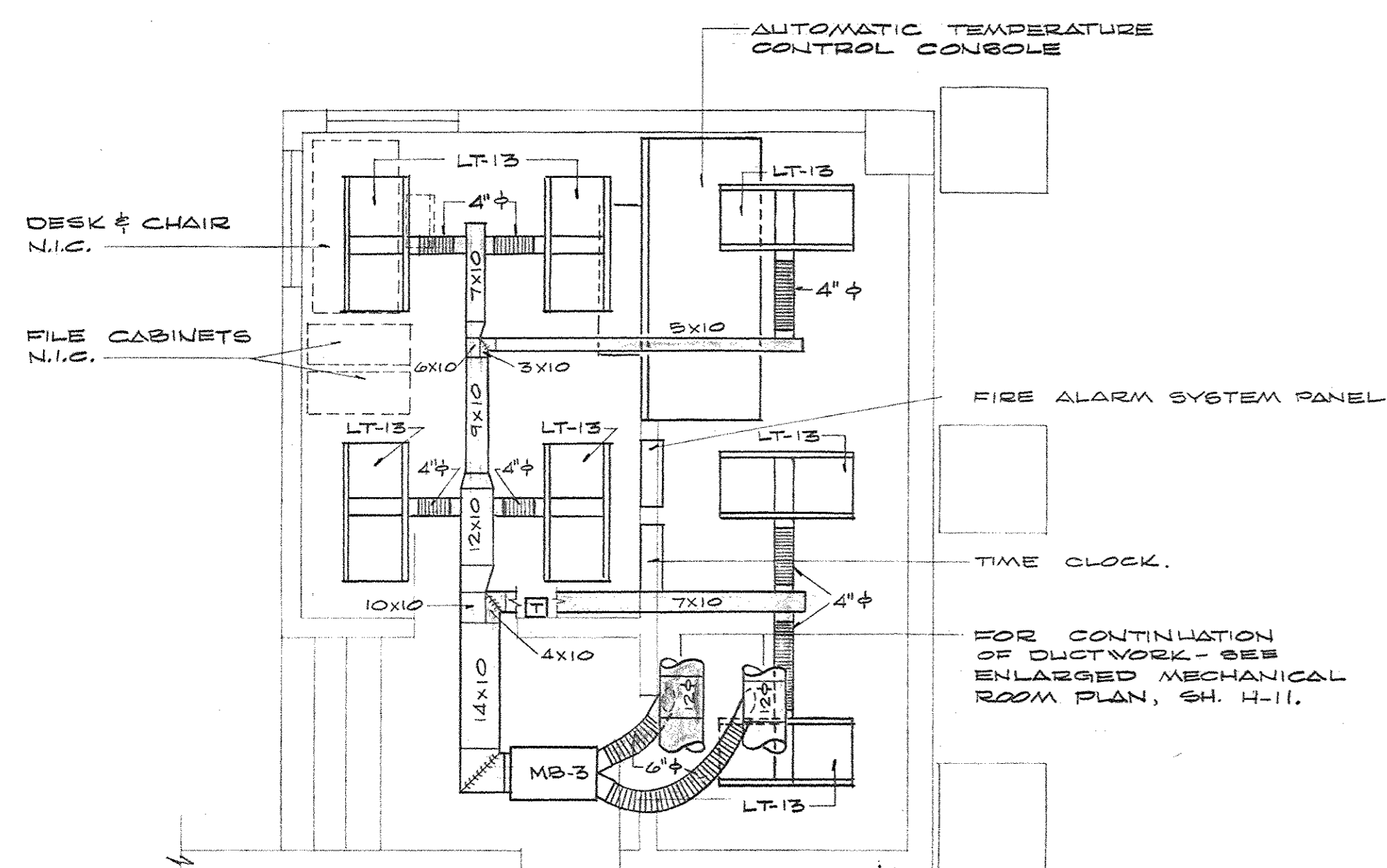
SECTION A-A
SCALE 1/4" = 1'-0"



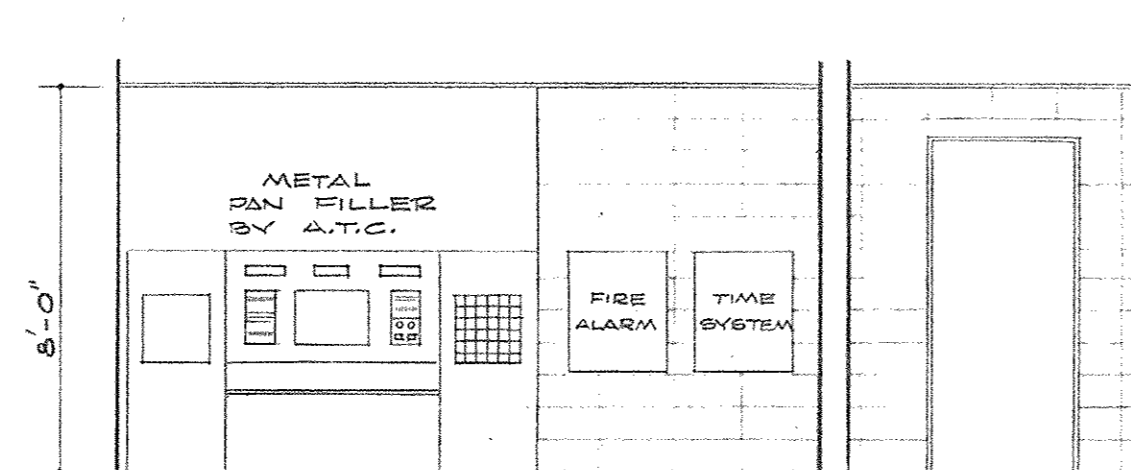
SECTION B-B
SCALE 1/4" = 1'-0"



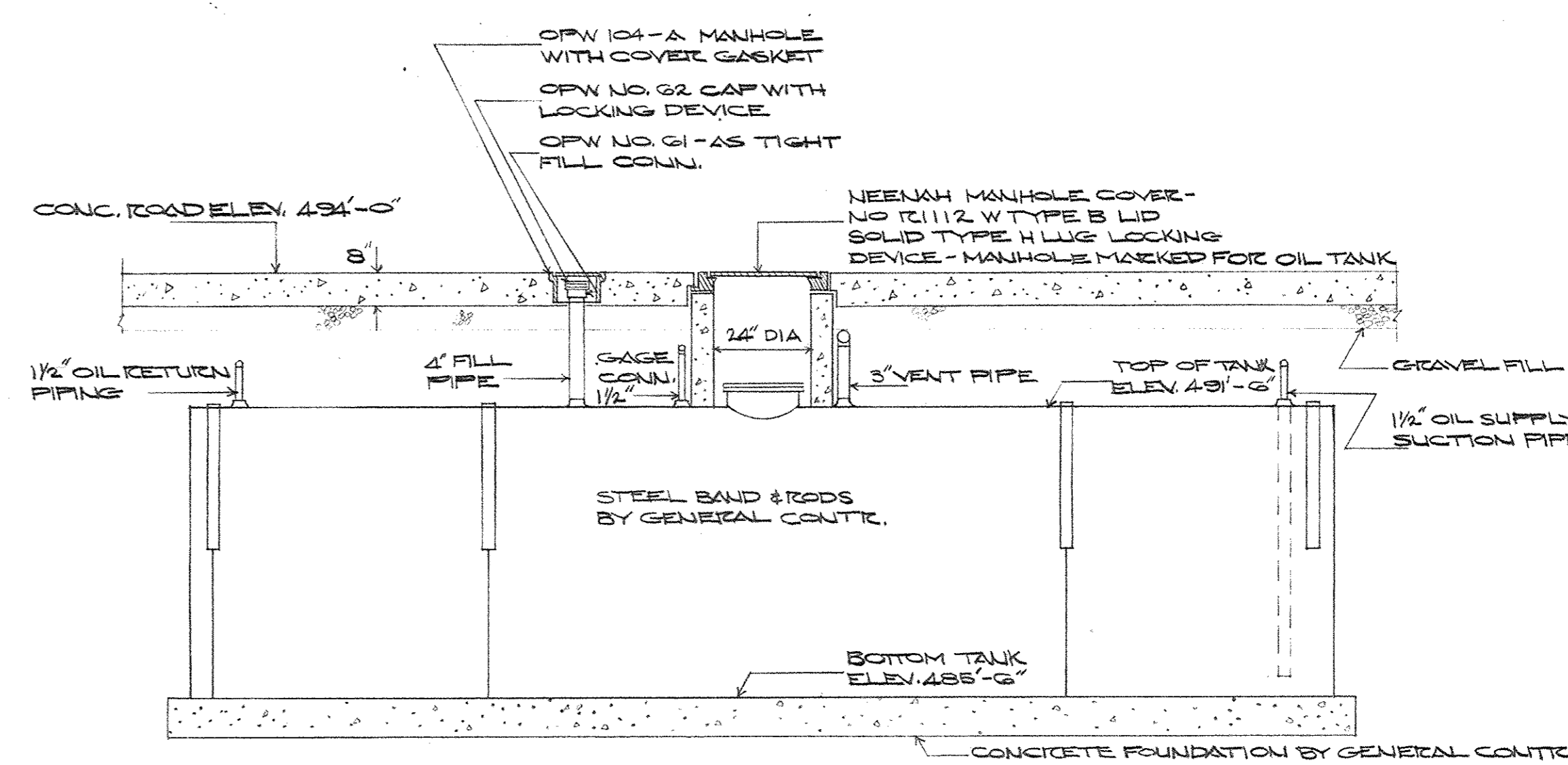
SECTION C-C
SCALE: 1/2" = 1'-0"



LARGE SCALE PLAN - CONTROL RM.
SCALE 1/4" = 1'-0"

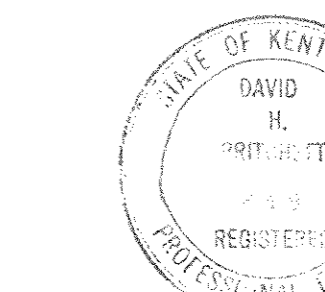
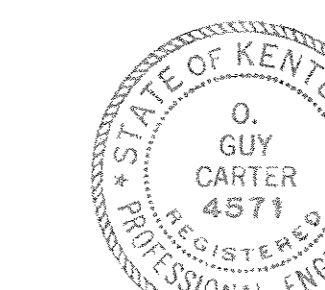


ELEVATION - CONTROL RM.
SCALE 1/2" = 1'-0"

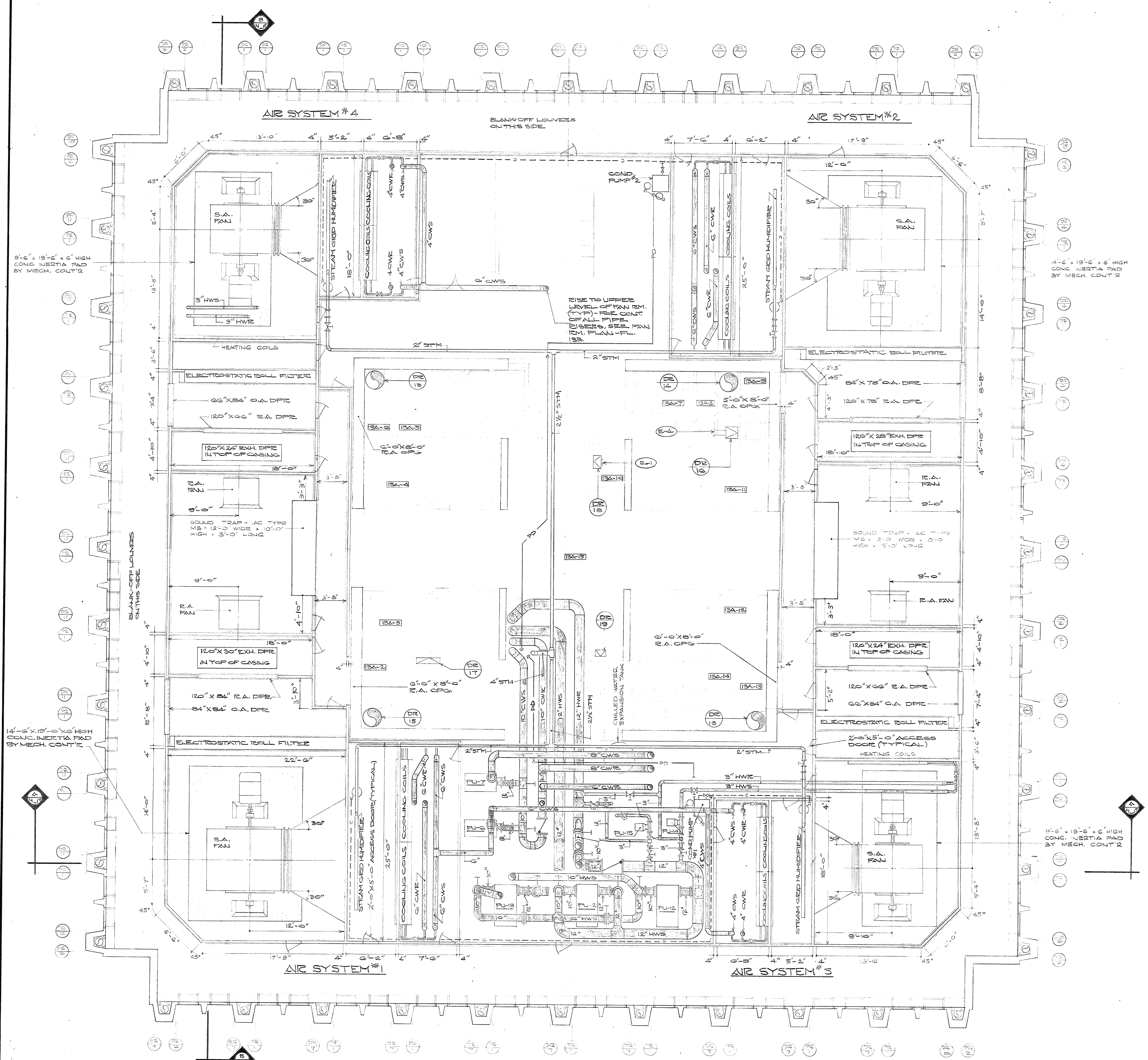


DETAIL OF UNDERGROUND OIL STORAGE TANK
SCALE: 1/8" = 1'-0"

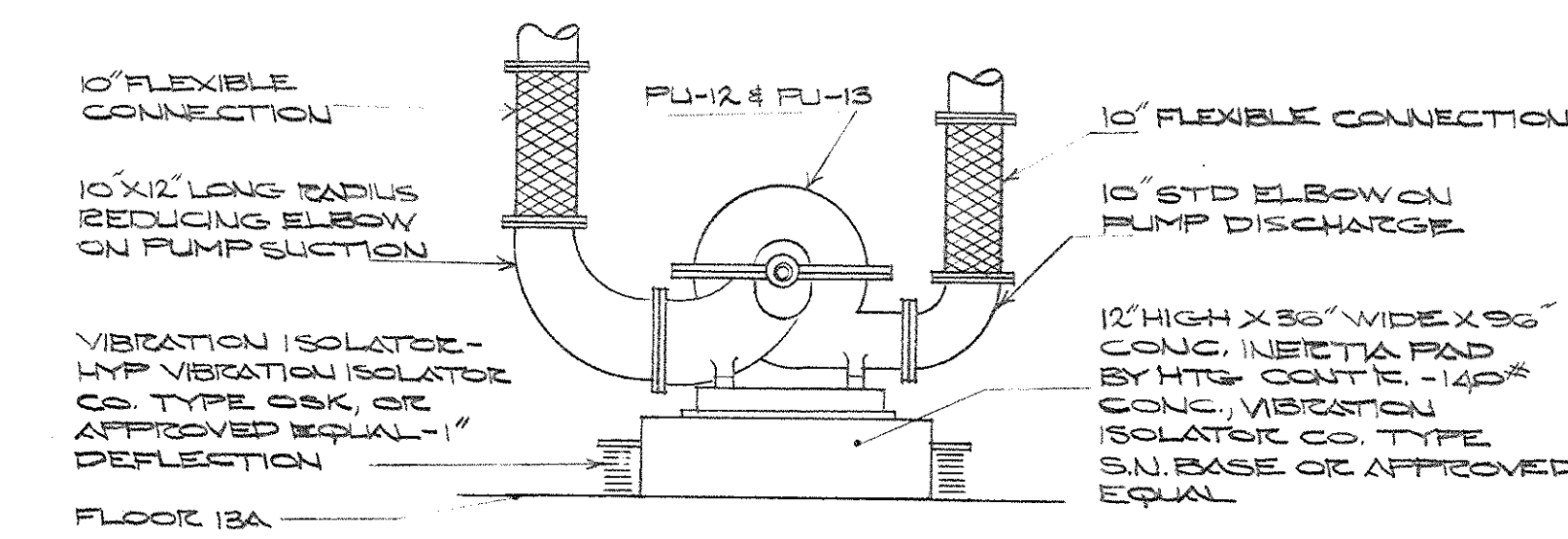
70-BUILT DRAWINGS
DATE: JAN 73
HBSO, GUYER & BLETCHMAN, INC.



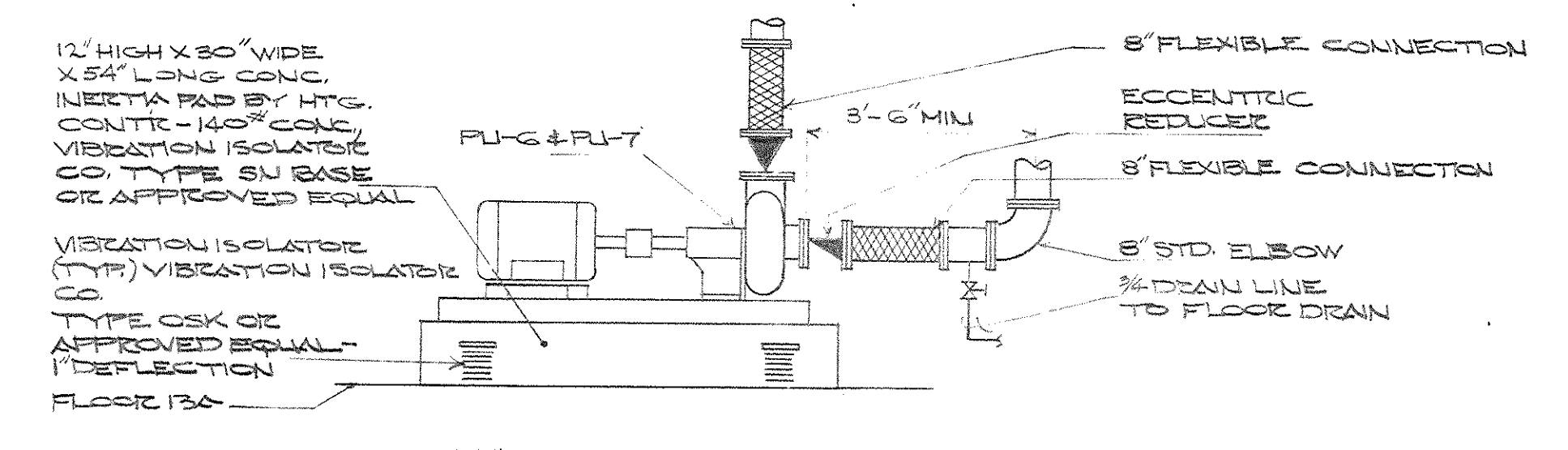
CAPITAL PLAZA OFFICE BUILDING FRANKFORT, KENTUCKY			
DRAWN BY OSC	MECHANICAL ROOM SECTIONS	DATE 18 MAY 77	SCALE AS LISTED
TRACED BY OSC	ARCHITECT EDWARD DURELL STONE	COMM. NO. 5555	DRAWING NO.
CHECKED BY OSC	7 EAST 67TH STREET NEW YORK, N.Y.	ASSOCIATE ARCHITECTS & ENGINEERS LEE POTTER SMITH & ASSOCIATES 314 WILKINSON FRANKFORT, KENTUCKY	H 14 OF 123
APPROVED BY ARCHITECT	DATE	APPROVED BY OWNER	DATE



ENLARGED FAN ROOM PLAN - FLOOR 13A
SCALE: 1/8" = 1'-0"



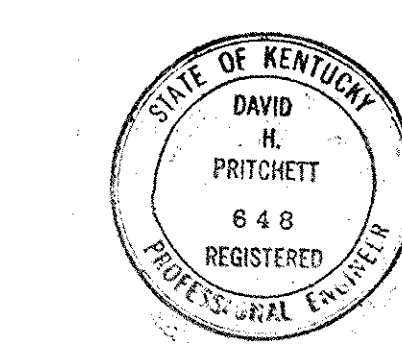
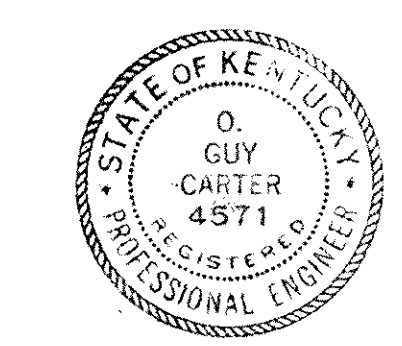
HORIZONTAL SPLIT CASE
FLOOR 13A



PUMP MOUNTING DETAILS (FLOOR 13A ONLY)
NO SCALE

AS-BUILT DRAWING
DATE: JAN 73
HUGG, CARTER & CLARKMAN, INC.

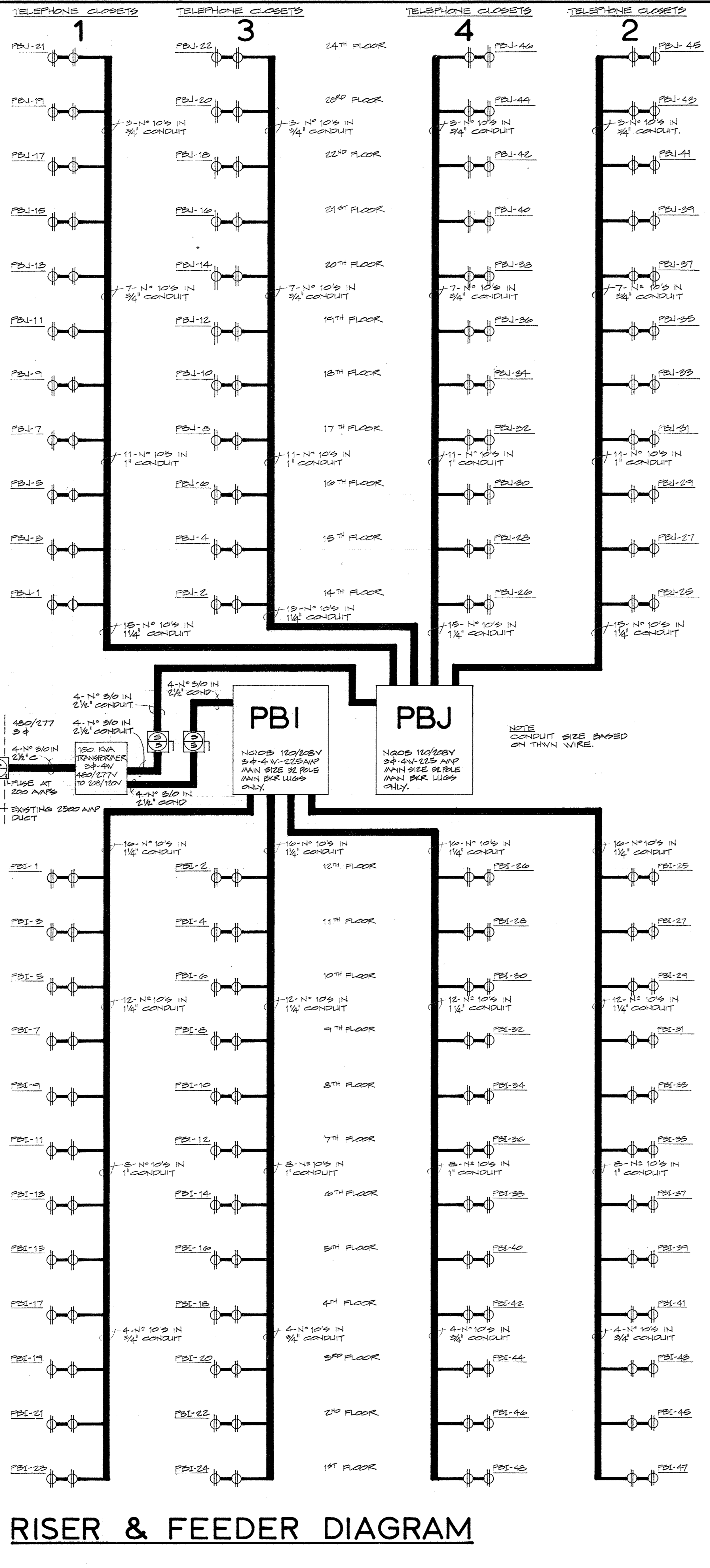
CAPITAL PLAZA OFFICE BUILDING FRANKFORT, KENTUCKY		
DRAWN BY T.F.	ENLARGED FAN ROOM PLAN - FLOOR 13A	DATE 15 MAY '67
CHECKED BY S.G.C.	ARCHITECT EDWARD DURELL STONE 7 EAST 67TH STREET NEW YORK N. Y.	SCALE AS SHOWN COMM. NO. 50066
SECTOR NO. C 2	ASSOCIATE ARCHITECTS & ENGINEERS LEE POTTER SMITH & ASSOCIATES 314 WILKINSON FRANKFORT, KENTUCKY	DRAWING NO. H 15 OF H-23
APPROVED BY ARCHITECT	DATE	
APPROVED BY AGENCY HEAD W. J. McConnell	DATE MAY 24 1967	
APPROVED BY OWNER	DATE	



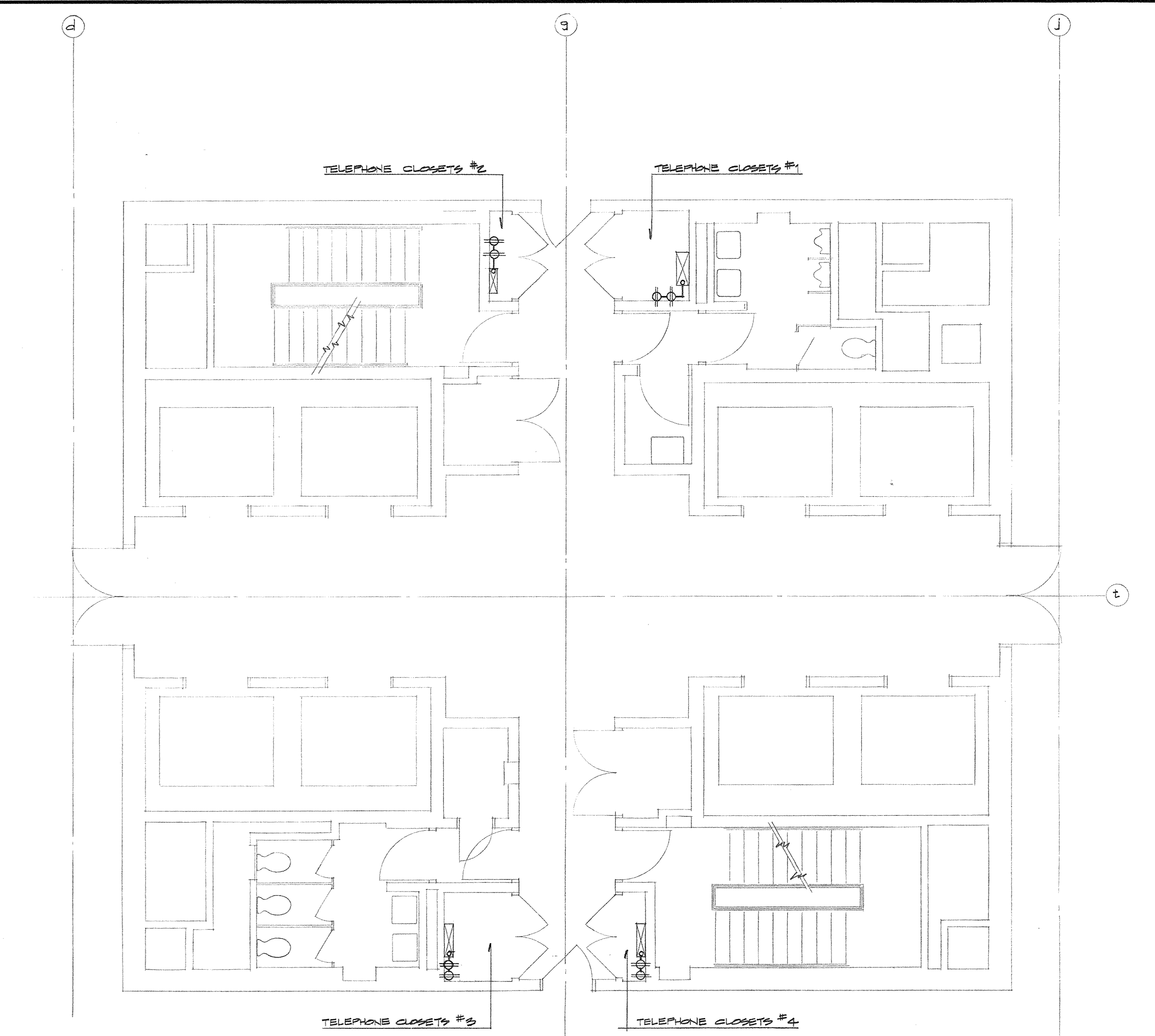
CPA-209

BRANCH PANEL SCHEDULES						
PANEL DESIGNATION	CIRCUIT NO.	CIRCUIT DESCRIPTION	WIRE SIZE	BREAKER SIZE & PHASE CONNECTION		
				A	B	C
	1	RECT. TELE CLOSET 1-12 TH FLOOR	10			
	2	RECT. TELE CLOSET 2-12 TH FLOOR	10			
	3	RECT. TELE CLOSET 3-12 TH FLOOR	10			
	4	RECT. TELE CLOSET 4-12 TH FLOOR	10			
	5	RECT. TELE CLOSET 1-10 TH FLOOR	10			1P20
	6	RECT. TELE CLOSET 2-10 TH FLOOR	10			1P20
	7	RECT. TELE CLOSET 3-10 TH FLOOR	10	1P20		
	8	RECT. TELE CLOSET 4-10 TH FLOOR	10	1P20		
	9	RECT. TELE CLOSET 1-8 TH FLOOR	10			1P20
	10	RECT. TELE CLOSET 2-8 TH FLOOR	10			1P20
	11	RECT. TELE CLOSET 3-8 TH FLOOR	10			1P20
	12	RECT. TELE CLOSET 4-8 TH FLOOR	10			1P20
	13	RECT. TELE CLOSET 1-6 TH FLOOR	10	1P20		
	14	RECT. TELE CLOSET 2-6 TH FLOOR	10	1P20		
	15	RECT. TELE CLOSET 3-6 TH FLOOR	10			1P20
	16	RECT. TELE CLOSET 4-6 TH FLOOR	10			1P20
	17	RECT. TELE CLOSET 1-4 TH FLOOR	10			1P20
	18	RECT. TELE CLOSET 2-4 TH FLOOR	10			1P20
	19	RECT. TELE CLOSET 3-4 TH FLOOR	10	1P20		
	20	RECT. TELE CLOSET 4-4 TH FLOOR	10	1P20		
	21	RECT. TELE CLOSET 1-2 ND FLOOR	10			1P20
	22	RECT. TELE CLOSET 2-2 ND FLOOR	10			1P20
	23	RECT. TELE CLOSET 3-2 ND FLOOR	10			1P20
	24	RECT. TELE CLOSET 4-2 ND FLOOR	10			1P20
	25	RECT. TELE CLOSET 1-1 ST FLOOR	10	1P20		
	26	RECT. TELE CLOSET 2-1 ST FLOOR	10	1P20		
	27	RECT. TELE CLOSET 3-1 ST FLOOR	10			1P20
	28	RECT. TELE CLOSET 4-1 ST FLOOR	10			1P20
	29	RECT. TELE CLOSET 1-10 TH FLOOR	10			1P20
	30	RECT. TELE CLOSET 2-10 TH FLOOR	10			1P20
	31	RECT. TELE CLOSET 3-10 TH FLOOR	10	1P20		
	32	RECT. TELE CLOSET 4-10 TH FLOOR	10	1P20		
	33	RECT. TELE CLOSET 1-8 TH FLOOR	10			1P20
	34	RECT. TELE CLOSET 2-8 TH FLOOR	10			1P20
	35	RECT. TELE CLOSET 3-8 TH FLOOR	10			1P20
	36	RECT. TELE CLOSET 4-8 TH FLOOR	10			1P20
	37	RECT. TELE CLOSET 1-6 TH FLOOR	10	1P20		
	38	RECT. TELE CLOSET 2-6 TH FLOOR	10	1P20		
	39	RECT. TELE CLOSET 3-6 TH FLOOR	10			1P20
	40	RECT. TELE CLOSET 4-6 TH FLOOR	10			1P20
	41	RECT. TELE CLOSET 1-4 TH FLOOR	10			1P20
	42	RECT. TELE CLOSET 2-4 TH FLOOR	10			1P20
	43	RECT. TELE CLOSET 3-4 TH FLOOR	10	1P20		
	44	RECT. TELE CLOSET 4-4 TH FLOOR	10	1P20		
	45	RECT. TELE CLOSET 1-2 ND FLOOR	10			1P20
	46	RECT. TELE CLOSET 2-2 ND FLOOR	10			1P20
	47	RECT. TELE CLOSET 3-2 ND FLOOR	10	1P20		
	48	RECT. TELE CLOSET 4-2 ND FLOOR	10	1P20		
	49	SPARE	—	—		1P20
	50	SPARE	—	—		1P20
	51	SPARE	—	—		1P20
	52	SPARE	—	—		1P20

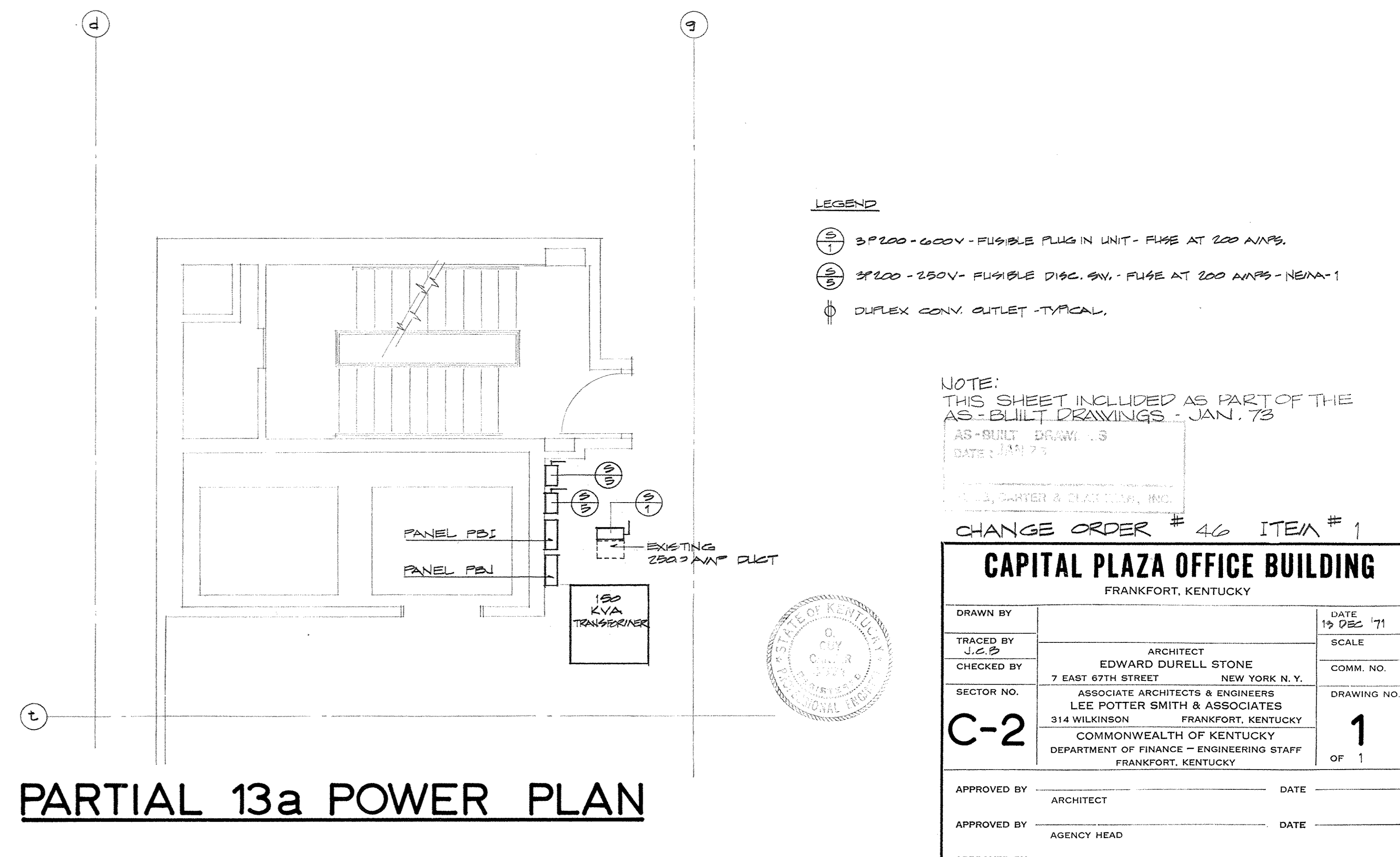
BRANCH PANEL SCHEDULES						
PANEL DESIGNATION	CIRCUIT NO.	CIRCUIT DESCRIPTION	WIRE SIZE	BREAKER SIZE & PHASE CONNECTION		
				A	B	C
	1	RECT. TELE CLOSET 1-12 TH FLOOR	10			
	2	RECT. TELE CLOSET 3-12 TH FLOOR	10			1P20
	3	RECT. TELE CLOSET 1-10 TH FLOOR	10			1P20
	4	RECT. TELE CLOSET 2-10 TH FLOOR	10			1P20
	5	RECT. TELE CLOSET 1-8 TH FLOOR	10			1P20
	6	RECT. TELE CLOSET 3-8 TH FLOOR	10			1P20
	7	RECT. TELE CLOSET 1-6 TH FLOOR	10	1P20		
	8	RECT. TELE CLOSET 3-6 TH FLOOR	10	1P20		
	9	RECT. TELE CLOSET 1-4 TH FLOOR	10			1P20
	10	RECT. TELE CLOSET 3-4 TH FLOOR	10			1P20
	11	RECT. TELE CLOSET 1-2 ND FLOOR	10			1P20
	12	RECT. TELE CLOSET 3-2 ND FLOOR	10			1P20
	13	RECT. TELE CLOSET 1-1 ST FLOOR	10	1P20		
	14	RECT. TELE CLOSET 3-1 ST FLOOR	10			1P20
	15	RECT. TELE CLOSET 1-10 TH FLOOR	10			1P20
	16	RECT. TELE CLOSET 3-10 TH FLOOR	10			1P20
	17	RECT. TELE CLOSET 1-8 TH FLOOR	10			1P20
	18	RECT. TELE CLOSET 3-8 TH FLOOR	10			1P20
	19	RECT. TELE CLOSET 1-6 TH FLOOR	10	1P20		
	20	RECT. TELE CLOSET 3-6 TH FLOOR	10	1P20		
	21	RECT. TELE CLOSET 1-4 TH FLOOR	10			1P20
	22	RECT. TELE CLOSET 3-4 TH FLOOR	10			1P20
	23	RECT. TELE CLOSET 1-2 ND FLOOR	10			1P20
	24	RECT. TELE CLOSET 3-2 ND FLOOR	10			1P20
	25	SPARE	—	—		1P20
	26	RECT. TELE CLOSET 1-12 TH FLOOR	10	1P20		
	27	RECT. TELE CLOSET 3-12 TH FLOOR	10	1P20		
	28	RECT. TELE CLOSET 1-10 TH FLOOR	10			1P20
	29	RECT. TELE CLOSET 3-10 TH FLOOR	10			1P20
	30	RECT. TELE CLOSET 1-8 TH FLOOR	10			1P20
	31	RECT. TELE CLOSET 3-8 TH FLOOR	10			1P20
	32	RECT. TELE CLOSET 1-6 TH FLOOR	10	1P20		
	33	RECT. TELE CLOSET 3-6 TH FLOOR	10	1P20		
	34	RECT. TELE CLOSET 1-4 TH FLOOR	10			1P20
	35	RECT. TELE CLOSET 3-4 TH FLOOR	10			1P20
	36	RECT. TELE CLOSET 1-2 ND FLOOR	10			1P20
	37	RECT. TELE CLOSET 3-2 ND FLOOR	10			1P20
	38	RECT. TELE CLOSET 1-1 ST FLOOR	10	1P20		
	39	RECT. TELE CLOSET 3-1 ST FLOOR	10	1P20		
	40	RECT. TELE CLOSET 1-10 TH FLOOR	10			1P20
	41	RECT. TELE CLOSET 3-10 TH FLOOR	10			1P20
	42	RECT. TELE CLOSET 1-8 TH FLOOR	10			1P20
	43	RECT. TELE CLOSET 3-8 TH FLOOR	10			1P20
	44	RECT. TELE CLOSET 1-6 TH FLOOR	10	1P20		
	45	RECT. TELE CLOSET 3-6 TH FLOOR	10	1P20		
	46	RECT. TELE CLOSET 1-4 TH FLOOR	10			1P20
	47	RECT. TELE CLOSET 3-4 TH FLOOR	10			1P20
	48	RECT. TELE CLOSET 1-2 ND FLOOR	10			1P20
	49	RECT. TELE CLOSET 3-2 ND FLOOR	10			1P20
	50	RECT. TELE CLOSET 1-1 ST FLOOR	10	1P20		
	51	RECT. TELE CLOSET 3-1 ST FLOOR	10	1P20		
	52	RECT. TELE CLOSET 1-10 TH FLOOR	10			1P20



RISER & FEEDER DIAGRAM



TYPICAL PLAN - FLOORS 1 THRU 12 & 14 THRU 24



PARTIAL 13a POWER PLAN

NOTE:
THIS SHEET INCLUDED AS PART OF THE
AS-BUILT DRAWINGS - JAN. 73

DATE: 1/21/73

LEGEND:
 (S) 3P 200-600V - FUSIBLE PLUG IN UNIT - FUSE AT 200 AMPS.
 (S) 3P 200-250V - FUSIBLE DISC. SW. - FUSE AT 200 AMPS - NEMA-1
 (S) DUPLEX CONV. OUTLET - TYPICAL.

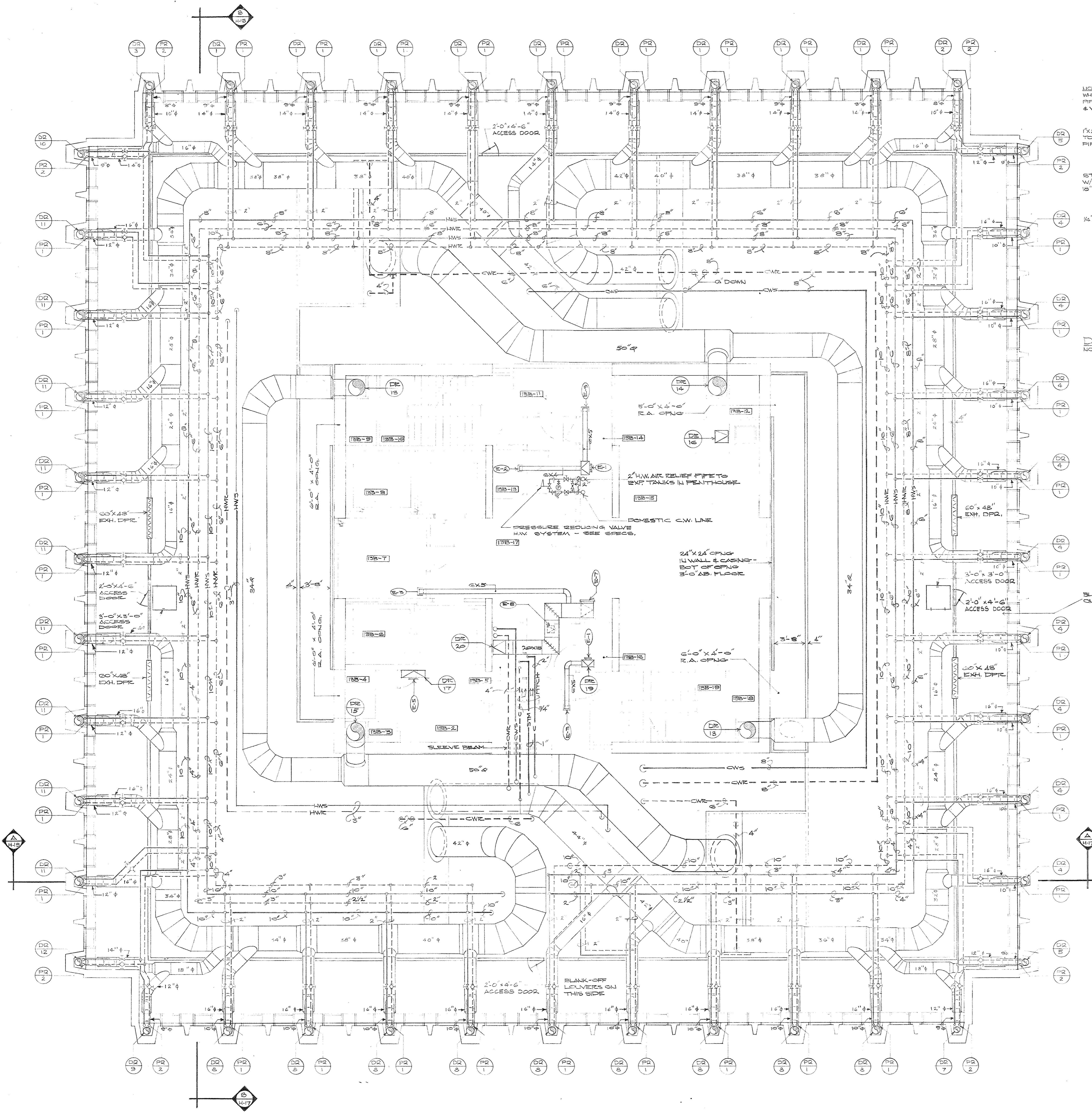
CHANGE ORDER # 46 ITEM # 1

CAPITAL PLAZA OFFICE BUILDING
FRANKFORT, KENTUCKY

STATE OF KENTUCKY
OFFICE OF ENGINEERING
FRANKFORT, KENTUCKY

DRAWN BY J.C.B.	ARCHITECT EDWARD DURELL STONE 7 EAST 97TH STREET NEW YORK, N.Y.	DATE 19 DEC 71	SCALE
CHECKED BY J.C.B.	ASSOCIATE ARCHITECTS & ENGINEERS LEE POTTER SMITH & ASSOCIATES 314 WILKINSON FRANKFORT, KENTUCKY	COMM. NO.	DRAWING NO. 1 OF 1
APPROVED BY ARCHITECT	DATE		
APPROVED BY AGENCY HEAD	DATE		
APPROVED BY OWNER	DATE		

CPA-209A



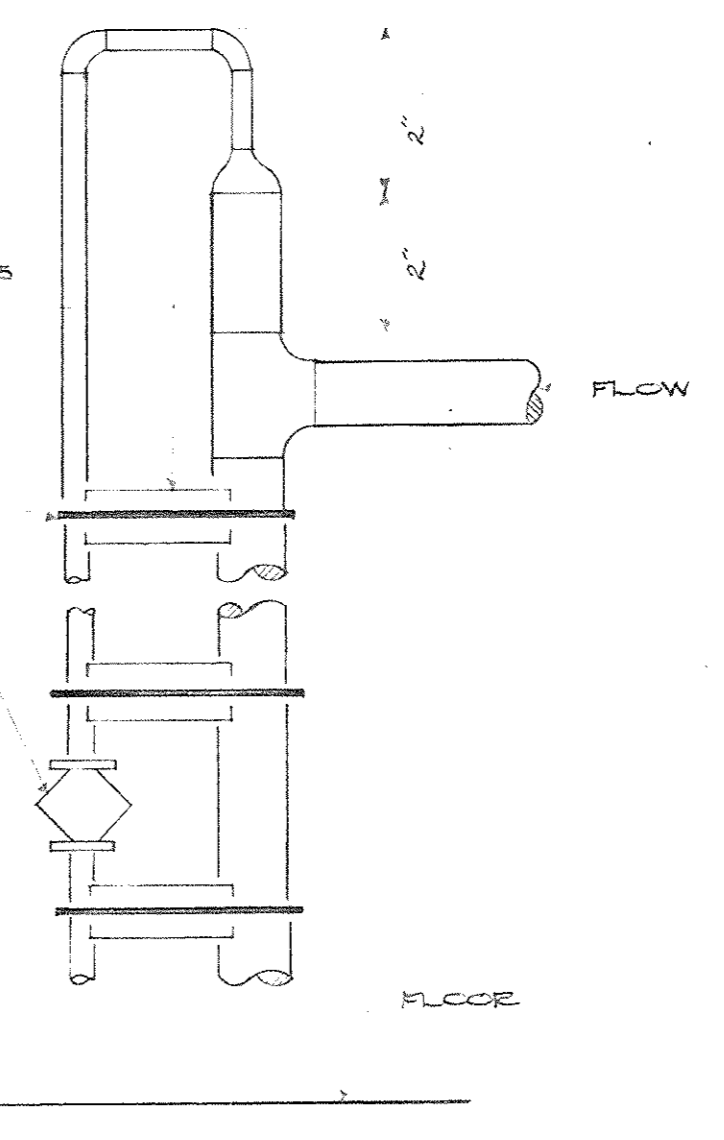
NOTE: WHERE POSSIBLE AIR VENT PIPING TO LEAST WALL & VENT SIMILARLY

1/2\"/>

STRAP TUBING TO MAIN WALL IS COPPER WIRE, IS S.S.

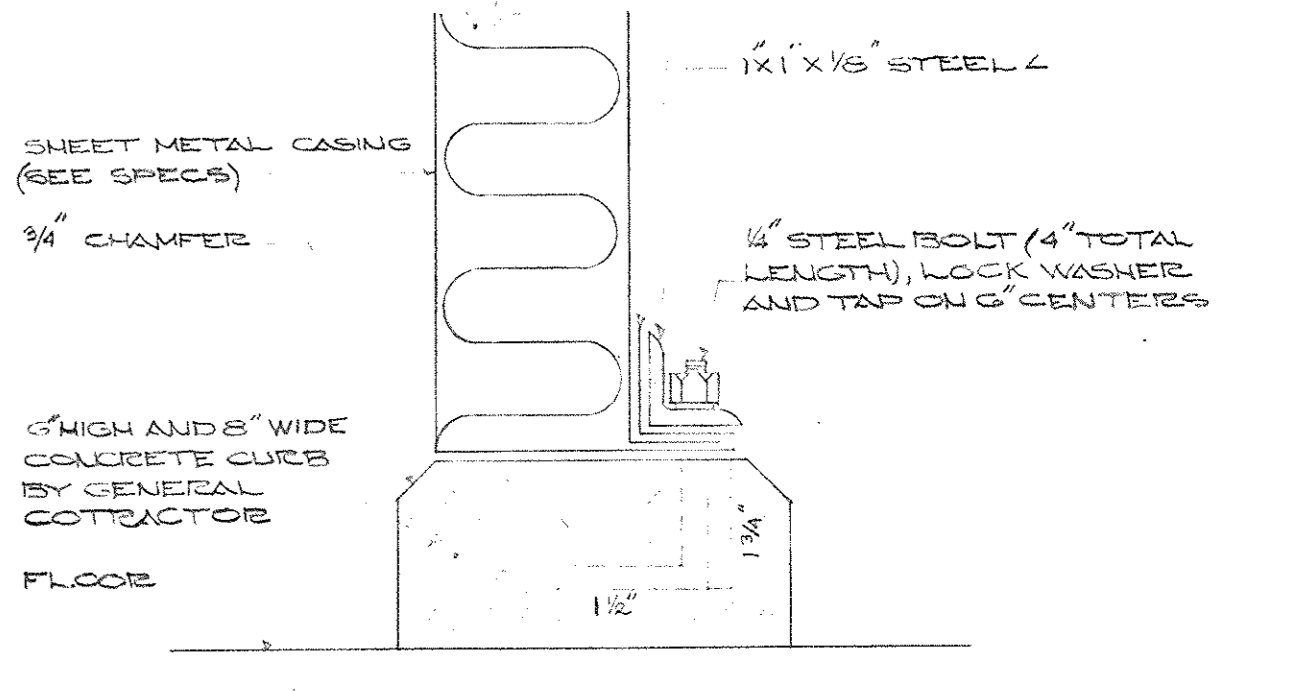
3/4\"/>

DETAIL OF MANUAL AIR VENT
NO SCALE



4\"/>

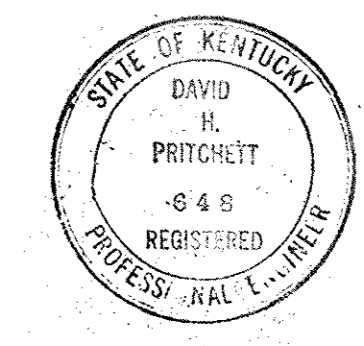
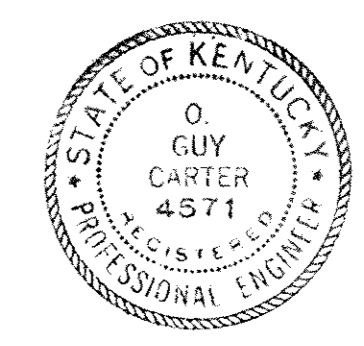
SEAL WITH HIGH VELOCITY DUST SEALANT FOR AIRTIGHT INSTALLATION



DETAIL OF PLENUM CASING CONNECTION TO CURB
NO SCALE

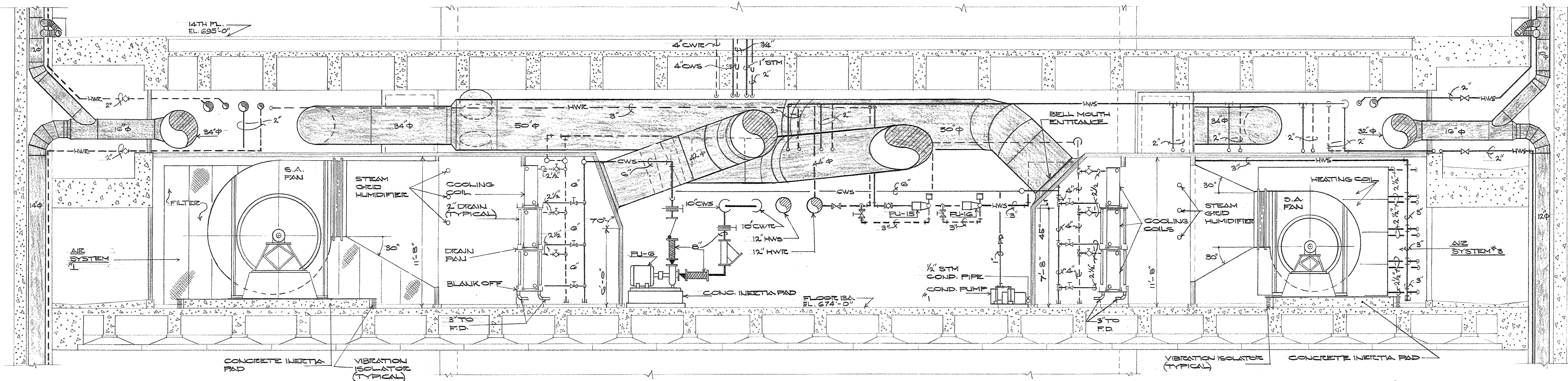
ENLARGED FAN ROOM PLAN - FLOOR 13B
SCALE: 3/8\"/>

AS-BUILT DRAWINGS
DATE: JAN 73
HUGG, CARTER & BLACKMAN, INC.

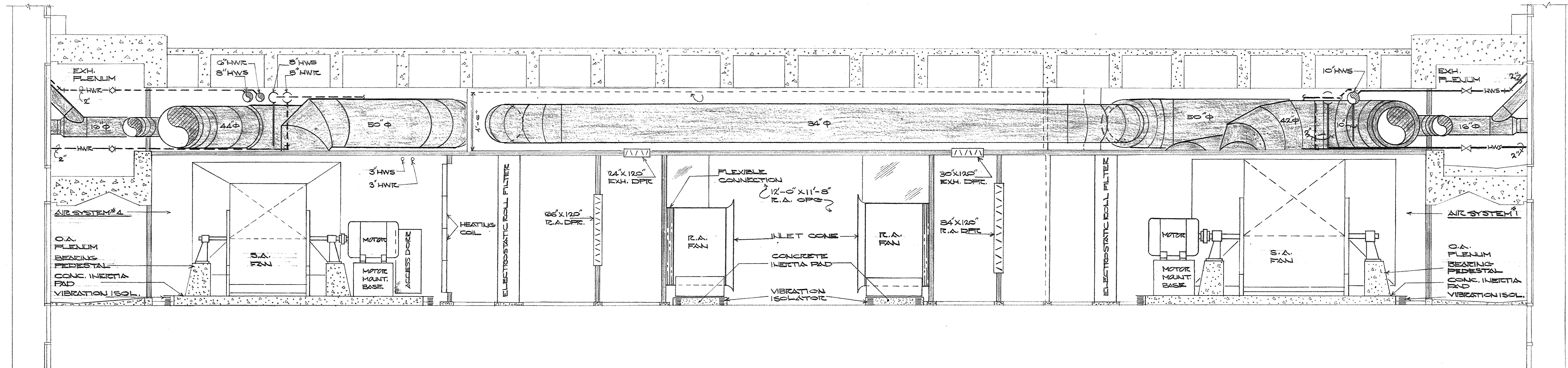


CAPITAL PLAZA OFFICE BUILDING FRANKFORT, KENTUCKY		
DRAWN BY T. F.	ENLARGED FAN ROOM PLAN FLOOR 13B	DATE 15 MAY 67
TRACED BY T. F.	ARCHITECT EDWARD DURELL STONE	SCALE AS SHOWN
CHECKED BY D. G. C.	7 EAST 87TH STREET NEW YORK, N. Y.	COMM. NO. 30009
SECTOR NO. C 2	ASSOCIATE ARCHITECTS & ENGINEERS LEE POTTER SMITH & ASSOCIATES 314 WILKINSON FRANKFORT, KENTUCKY	DRAWING NO. H 16
APPROVED BY ARCHITECT	DATE	OF H-23
APPROVED BY AGENCY HEAD <i>Carl M. ...</i>	DATE	MAY 24 1967
APPROVED BY OWNER	DATE	

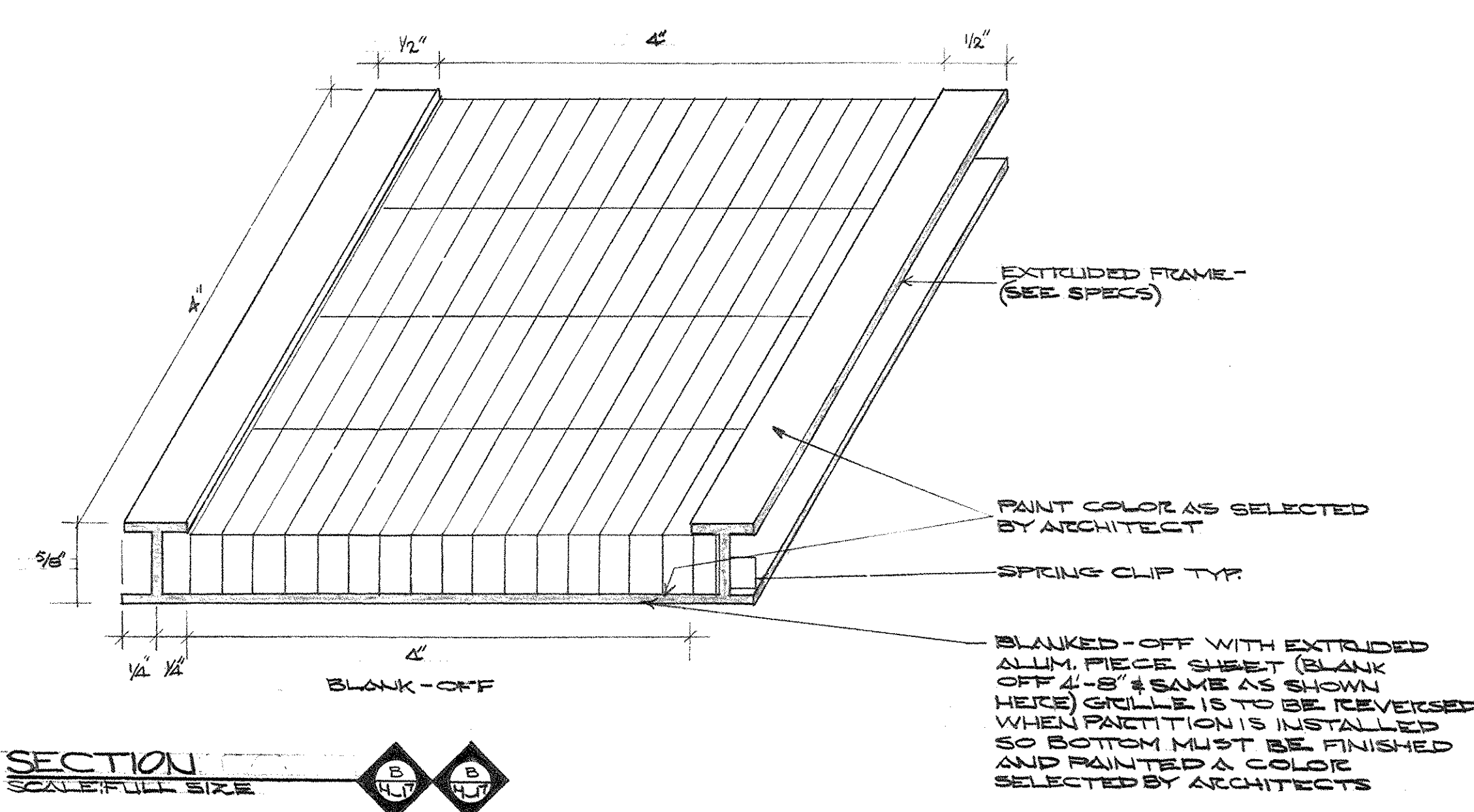
CFA-210



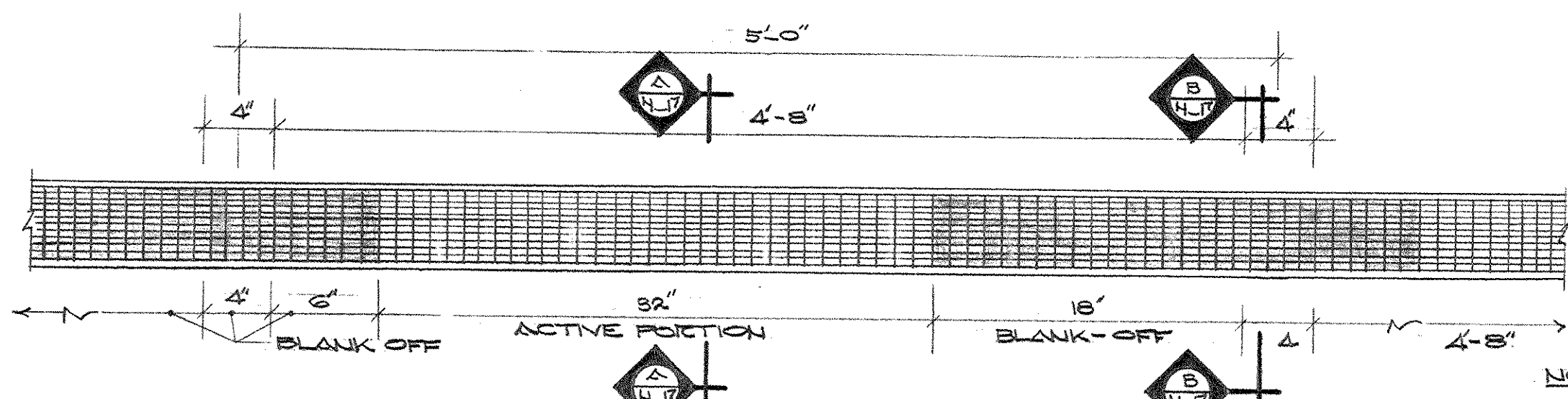
SECTION A-A
SCALE: 1/4" = 1'-0"



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

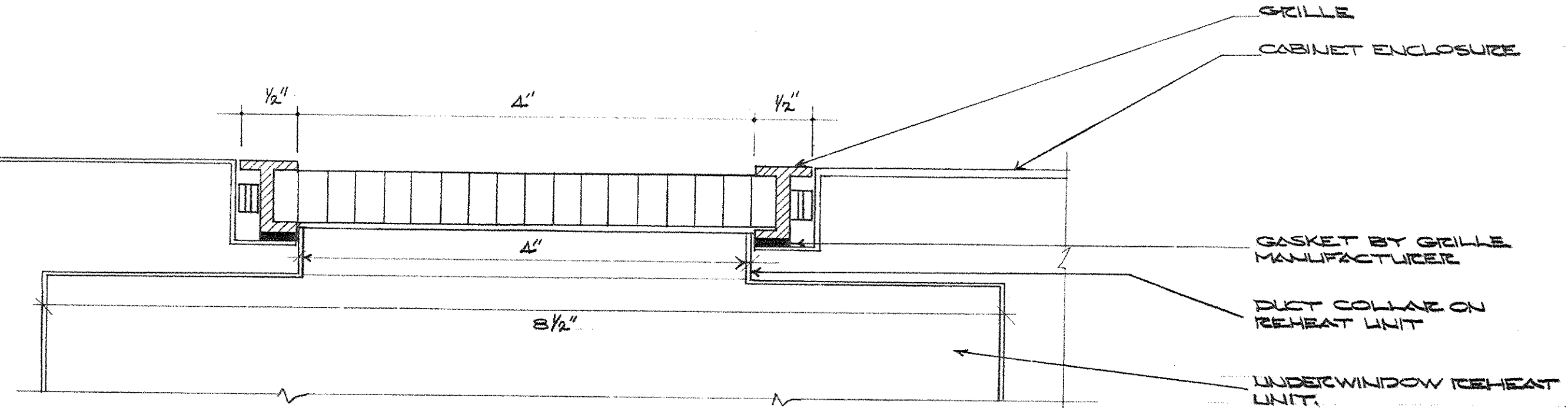


SECTION C-C
SCALE: FULL SIZE



DETAIL OF UNDERWINDOW SILL DIFFUSER FOR UNDERWINDOW REHEAT UNIT
SCALE: 1/2" = 1'-0"

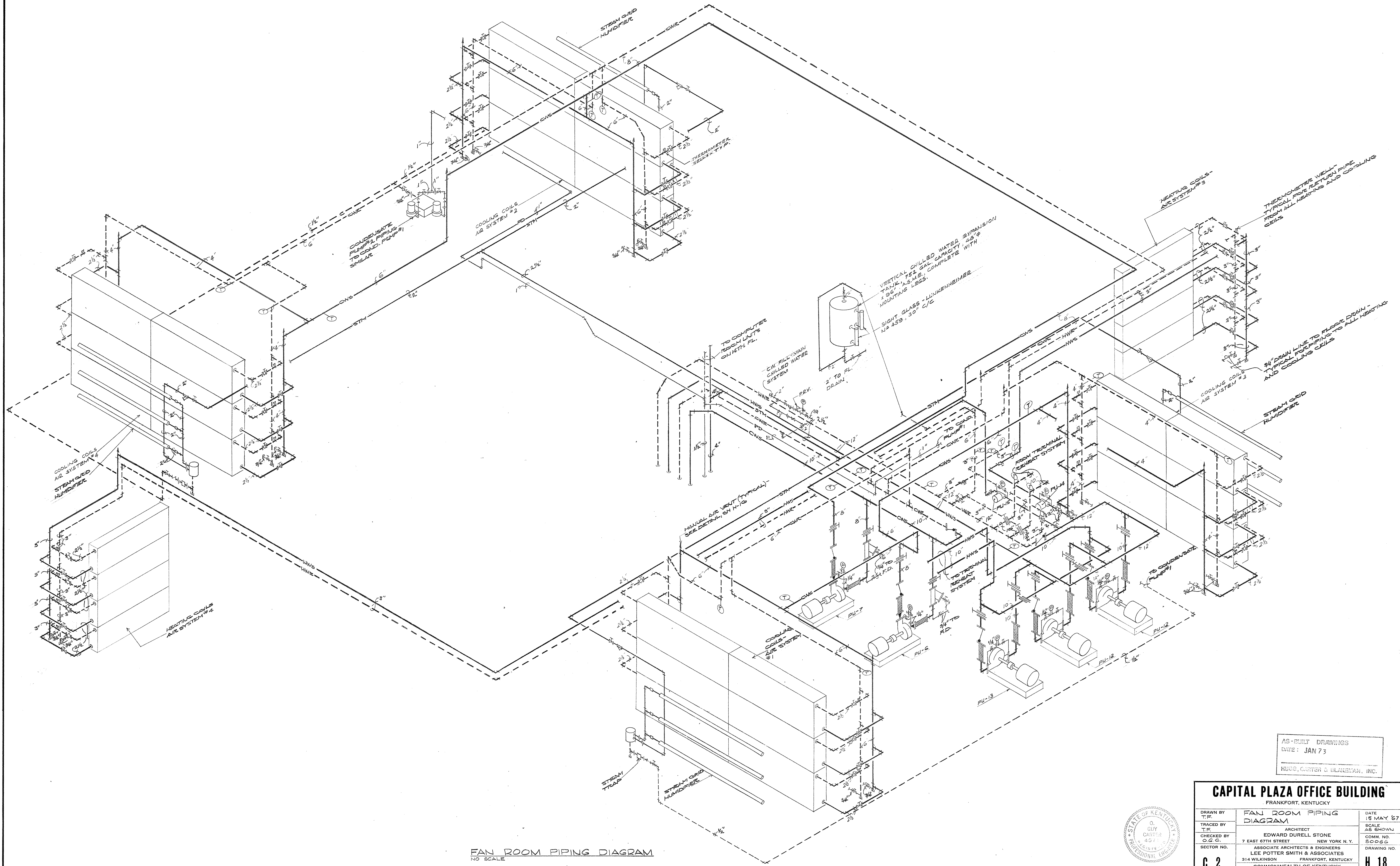
NOTE:
1. CONTINUOUS GRILLE TO BE FINISHED IN 50' LENGTH 24" SECTION AT RANDOM LOCATION.
2. SEE ARCH. SHEETS A-37 FOR ADDITIONAL DETAILS.



SECTION D-D
SCALE: FULL SIZE

AS-BUILT DRAWINGS
DATE: JAN 73
HUGG, CARTER & BLANKENHORN, INC.

CAPITAL PLAZA OFFICE BUILDING		
FRANKFORT, KENTUCKY		
DRAWN BY T.F.	ARCHITECT EDWARD DURELL STONE	DATE 15 MAY '67
CHECKED BY S.C.	7 EAST 87TH STREET NEW YORK, N.Y.	SCALE AS SHOWN
SECTION NO. C 2	ASSOCIATE ARCHITECTS & ENGINEERS LEE POTTER SMITH & ASSOCIATES FRANKFORT, KENTUCKY	COMM. NO. 20306
	COMMONWEALTH OF KENTUCKY DEPARTMENT OF FINANCE - ENGINEERING STAFF FRANKFORT, KENTUCKY	DRAWING NO. H 17
APPROVED BY	ARCHITECT	DATE
APPROVED BY	AGENCY HEAD <i>Ed. M. McConnell</i>	DATE
APPROVED BY	OWNER	DATE MAY 24 1967

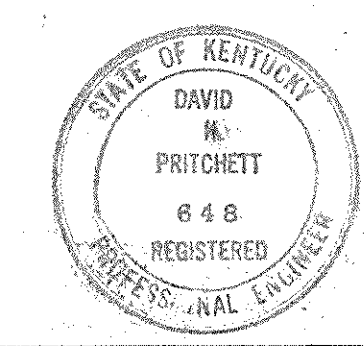
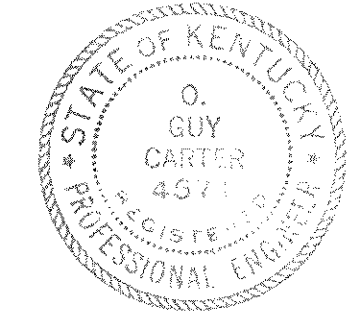


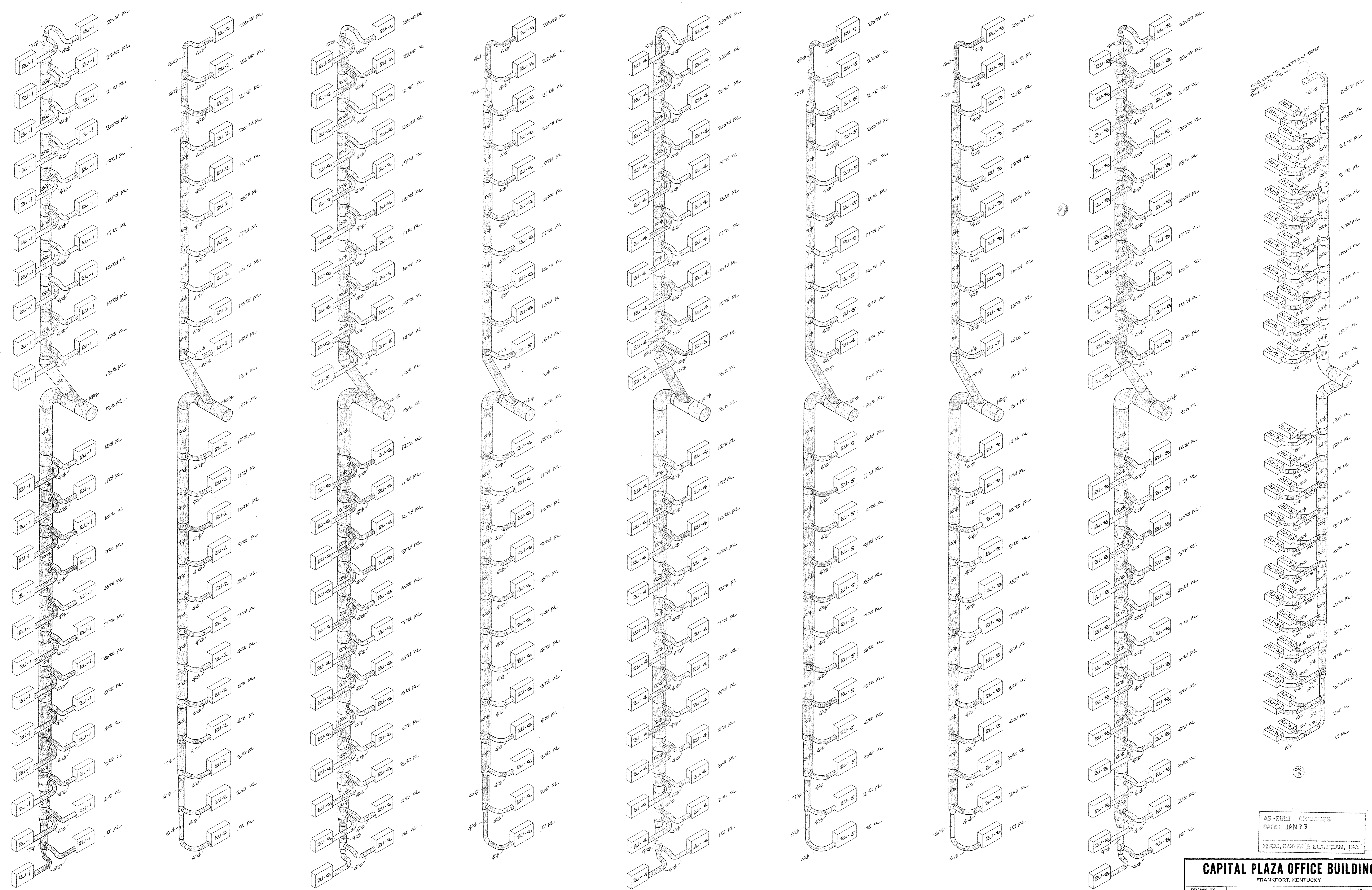
FAN ROOM PIPING DIAGRAM
NO SCALE

AS-BUILT DRAWINGS
DATE: JAN 73
MORG, CARTER & BLACKMAN, INC.

CAPITAL PLAZA OFFICE BUILDING
FRANKFORT, KENTUCKY

DRAWN BY T.F.	FAN ROOM PIPING DIAGRAM	DATE 15 MAY 67
TRACED BY T.F.	ARCHITECT	SCALE AS SHOWN
CHECKED BY O.G.C.	EDWARD DURELL STONE 7 EAST 67TH STREET NEW YORK N.Y.	COMM. NO. 50066
SECTOR NO. C 2	ASSOCIATE ARCHITECTS & ENGINEERS LEE POTTER SMITH & ASSOCIATES 314 WILKINSON FRANKFORT, KENTUCKY	DRAWING NO. H 18 OF H-23
APPROVED BY ARCHITECT	DATE	
APPROVED BY AGENCY HEAD	DATE	
APPROVED BY OWNER	DATE	MAY 24 1967



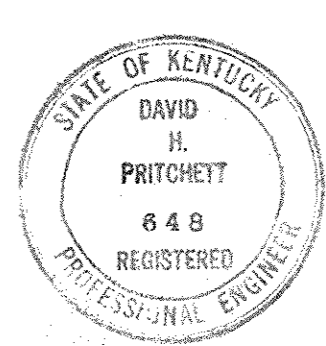


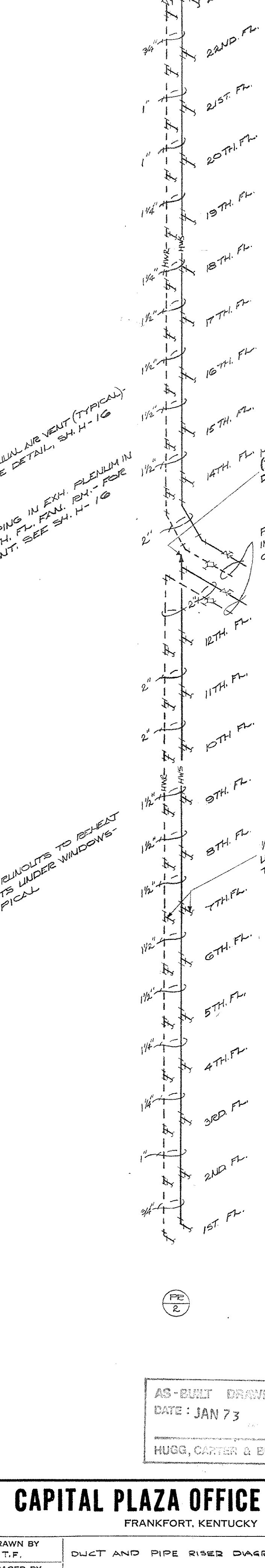
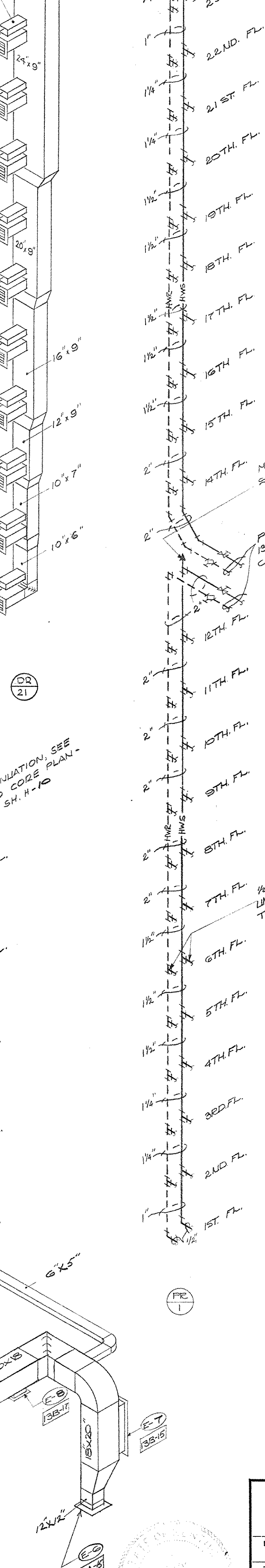
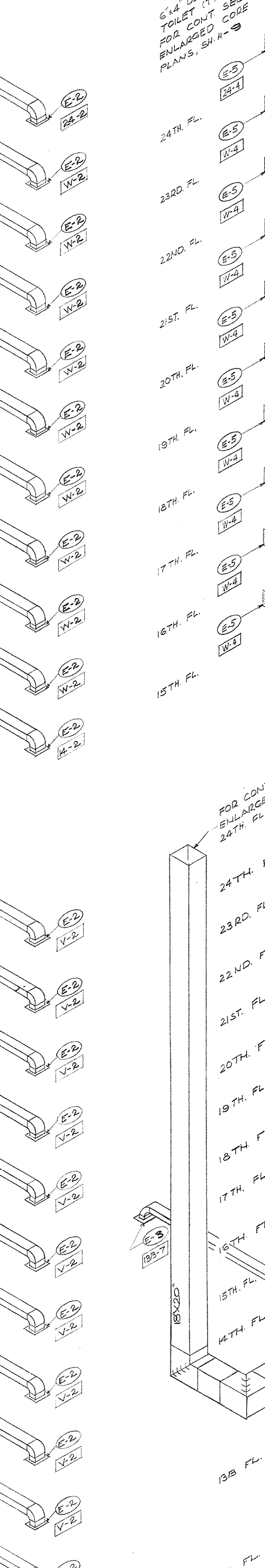
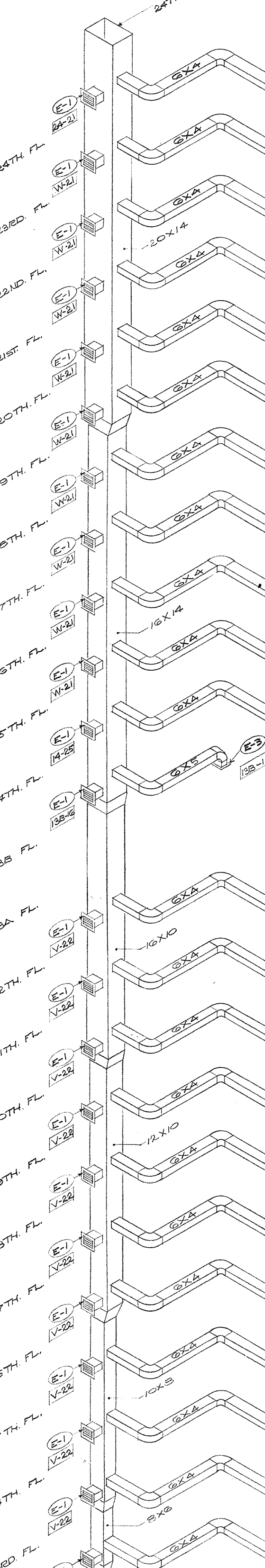
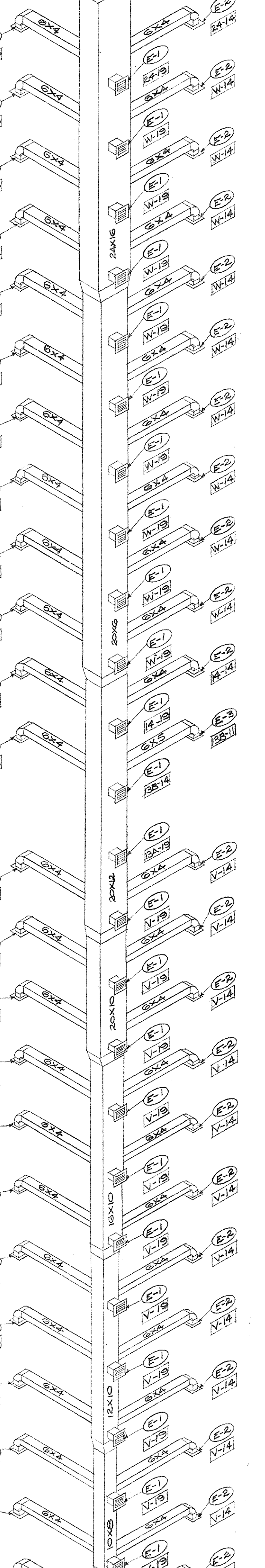
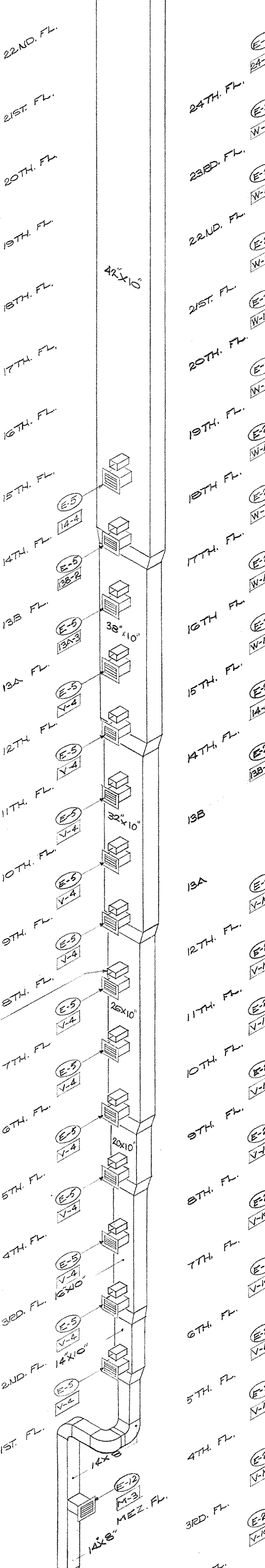
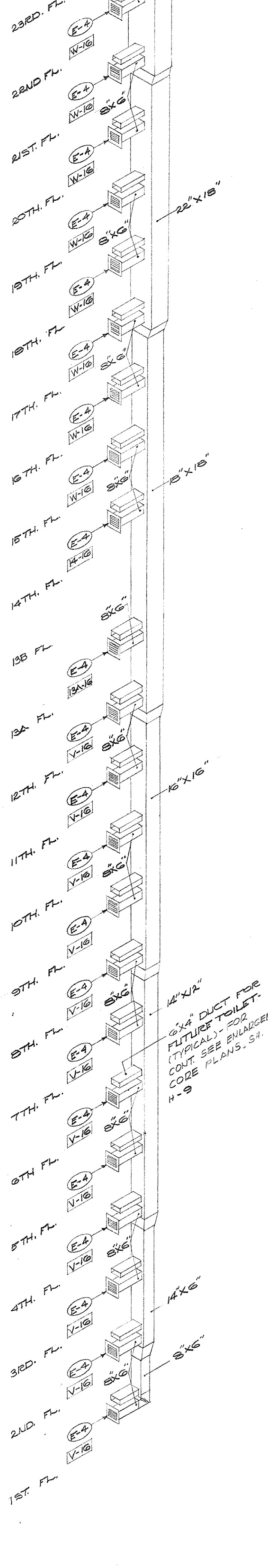
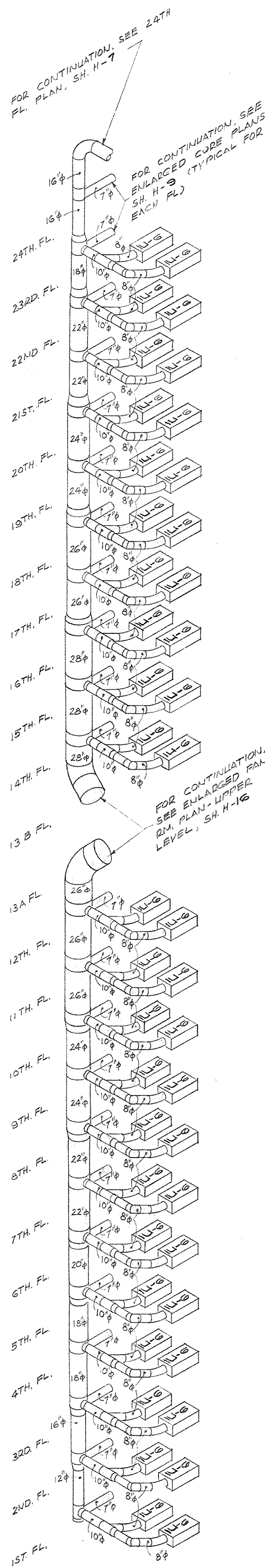
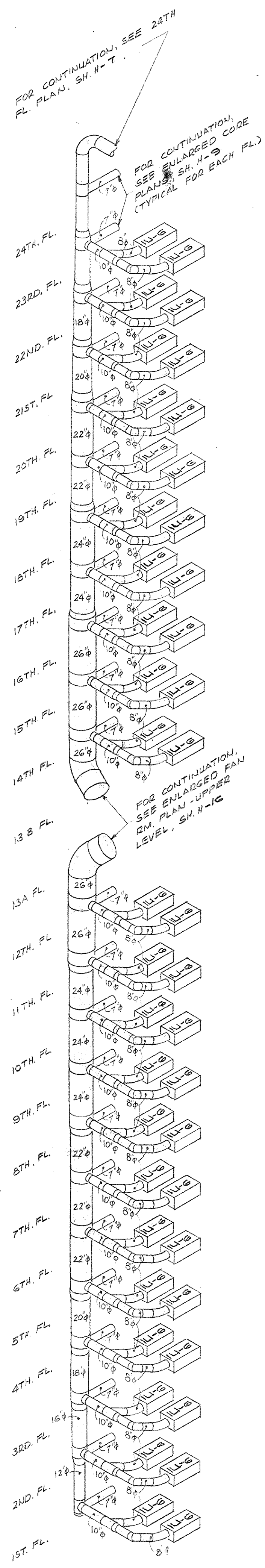
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PIPE RISER DIAGRAMS
NO SCALE

AS-BUILT DRAWINGS
DATE: JAN 73
HUGG, GARNER & BLACKMAN, INC.

CAPITAL PLAZA OFFICE BUILDING FRANKFORT, KENTUCKY		
DRAWN BY T. P. O'CONNOR	DUCT RISER DIAGRAMS	DATE 15 MAY 67
CHECKED BY C. G. COOPER	ARCHITECT EDWARD DURELL STONE 7 EAST 87TH STREET NEW YORK, N. Y.	SCALE AS SHOWN COMM. NO. 65066
SECTOR NO. G 2	ASSOCIATE ARCHITECTS & ENGINEERS LEE POTTER SMITH & ASSOCIATES 314 WILKINSON FRANKFORT, KENTUCKY	DRAWING NO. H 19
APPROVED BY ARCHITECT	DATE	OF H-23
APPROVED BY AGENCY HEAD <i>W. J. McCarroll</i>	DATE MAY 24 1967	
APPROVED BY OWNER	DATE	

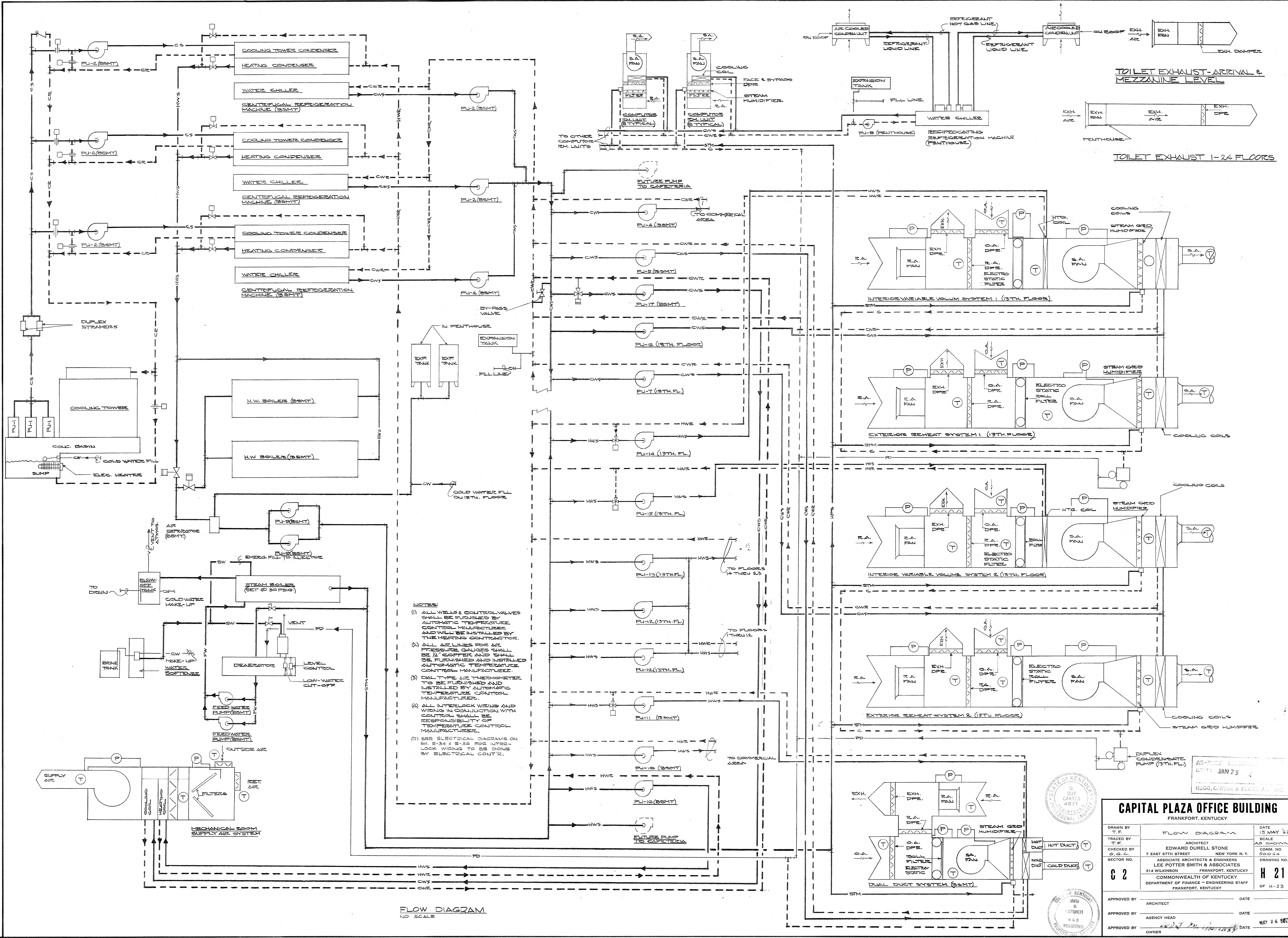




DUCT AND PIPE RISER DIAGRAMS
NO SCALE

AS-BUILT DRAWINGS
DATE: JAN 73
HUGG, CARTER & BLANKIN, INC.

CAPITAL PLAZA OFFICE BUILDING FRANKFORT, KENTUCKY		
DRAWN BY T.P. & W.M.	DUCT AND PIPE RISER DIAGRAMS	DATE 13 MAY '67
CHECKED BY S.A.C.	ARCHITECT EDWARD DURELL STONE 7 EAST 67TH STREET NEW YORK N.Y.	SCALE AS SHOWN
SECTOR NO. C 2	ASSOCIATE ARCHITECTS & ENGINEERS LEE POTTER SMITH & ASSOCIATES 314 WILKINSON FRANKFORT, KENTUCKY	COMMON NO. 50266
	DEPARTMENT OF FINANCE - ENGINEERING STAFF FRANKFORT, KENTUCKY	DRAWING NO. H 20
APPROVED BY DAVID PRITCHETT REGISTERED PROFESSIONAL ENGINEER	ARCHITECT	DATE
APPROVED BY M. M. Conwell	AGENCY HEAD	DATE JUN 2 1967
APPROVED BY	OWNER	DATE



- NOTES:
- (1) ALL WELLS & CONTROL VALVES SHALL BE PROVIDED BY AUTOMATIC TEMPERATURE CONTROL MANUFACTURERS AND WILL BE INSTALLED BY THE HEATING CONTRACTOR.
 - (2) ALL AIR LINES FOR AIR PRESSURE GAUGES SHALL BE 1/4" COPPER AND SHALL BE FURNISHED AND INSTALLED BY AUTOMATIC TEMPERATURE CONTROL MANUFACTURERS.
 - (3) DAL TYPE AIR THERMISTERS TO BE FURNISHED AND INSTALLED BY AUTOMATIC TEMPERATURE CONTROL MANUFACTURERS.
 - (4) ALL INTERLOCK WIRING AND WIRING IN CONNECTION WITH CONTROLS SHALL BE RESPONSIBILITY OF TEMPERATURE CONTROL MANUFACTURERS.
 - (5) SEE ELECTRICAL DIAGRAMS ON SH. E-34 & E-36 FOR INTERLOCK WIRING TO BE DONE BY ELECTRICAL CONTR.

FLOW DIAGRAM
NO SCALE

TOILET EXHAUST-ARRIVAL & MEZZANINE LEVEL

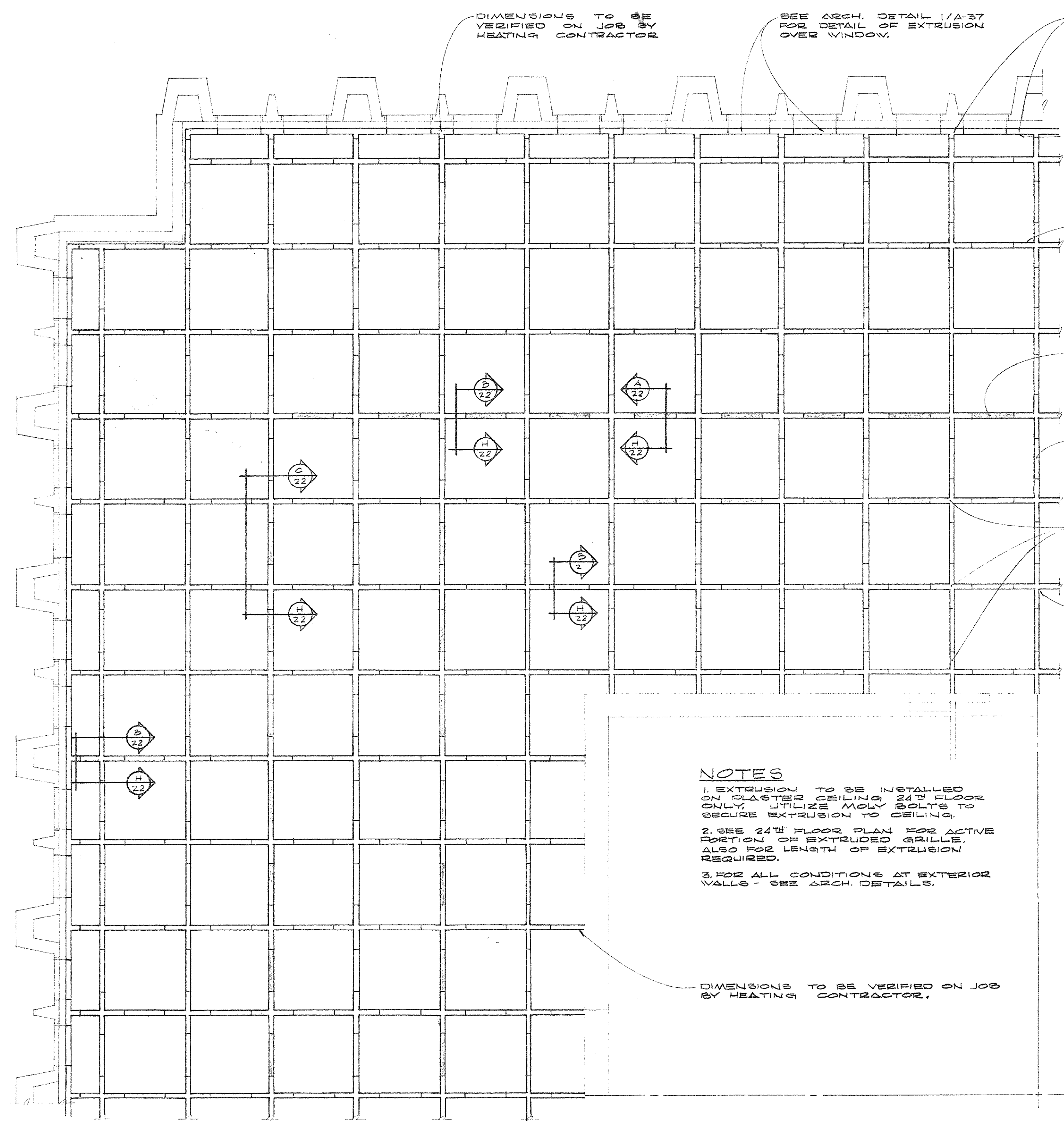
TOILET EXHAUST 1-24 FLOORS

AS-BUILT DRAWING
DATE: JAN 23
HUGH, CARTER & BLACK, INC.

CAPITAL PLAZA OFFICE BUILDING
FRANKFORT, KENTUCKY

DRAWN BY T.F. TRACED BY T.F. CHECKED BY O.G.C. SECTOR NO. C 2	FLOW DIAGRAM ARCHITECT EDWARD DURELL STONE 7 EAST 67TH STREET NEW YORK, N.Y. ASSOCIATE ARCHITECTS & ENGINEERS LEE POTTER SMITH & ASSOCIATES 314 WILKINSON FRANKFORT, KENTUCKY COMMONWEALTH OF KENTUCKY DEPARTMENT OF FINANCE - ENGINEERING STAFF FRANKFORT, KENTUCKY	DATE 15 MAY '67 SCALE AS SHOWN COMM. NO. 50066 DRAWING NO. H 21 OF H-23
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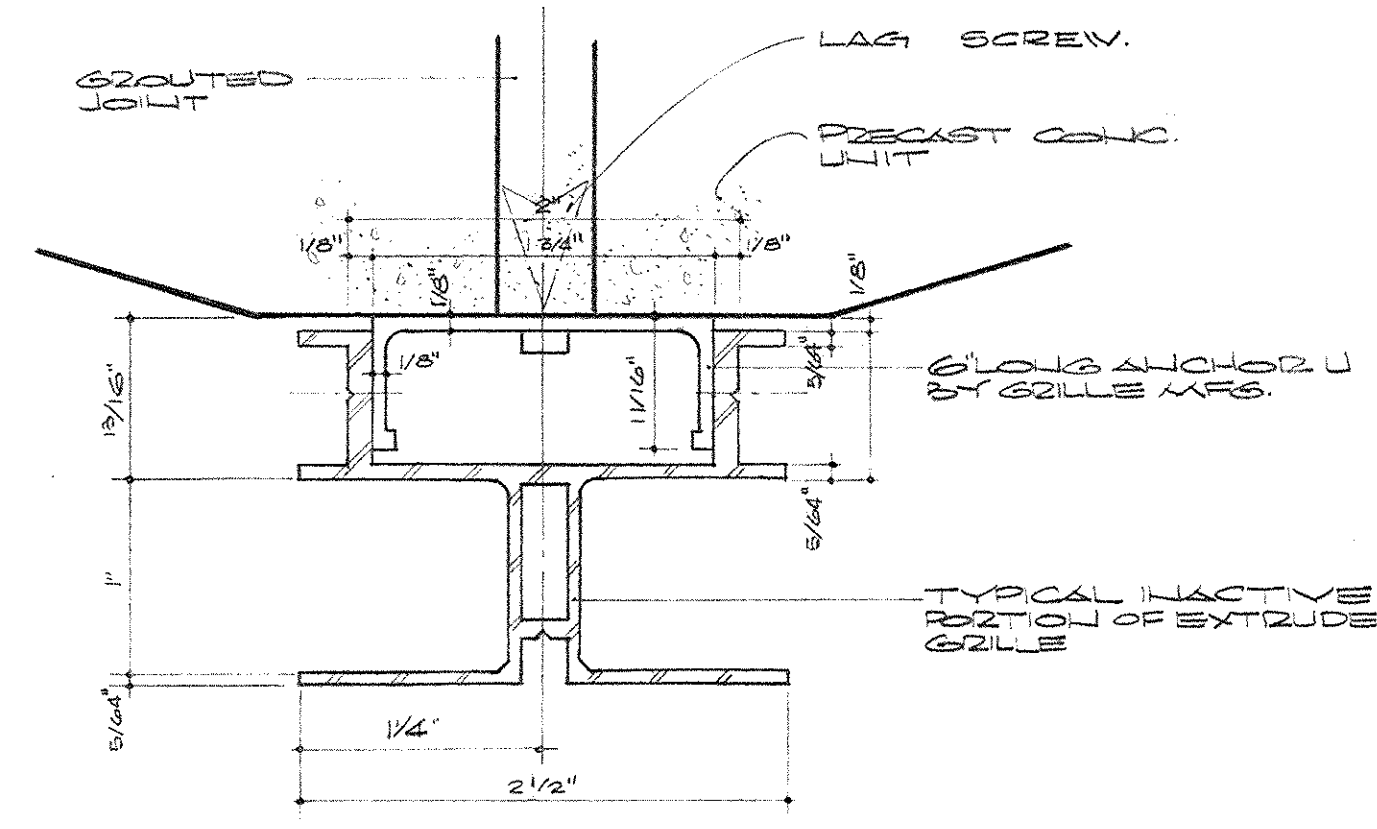
APPROVED BY ARCHITECT DATE
 APPROVED BY AGENCY HEAD DATE
 APPROVED BY OWNER DATE MAY 24 1967



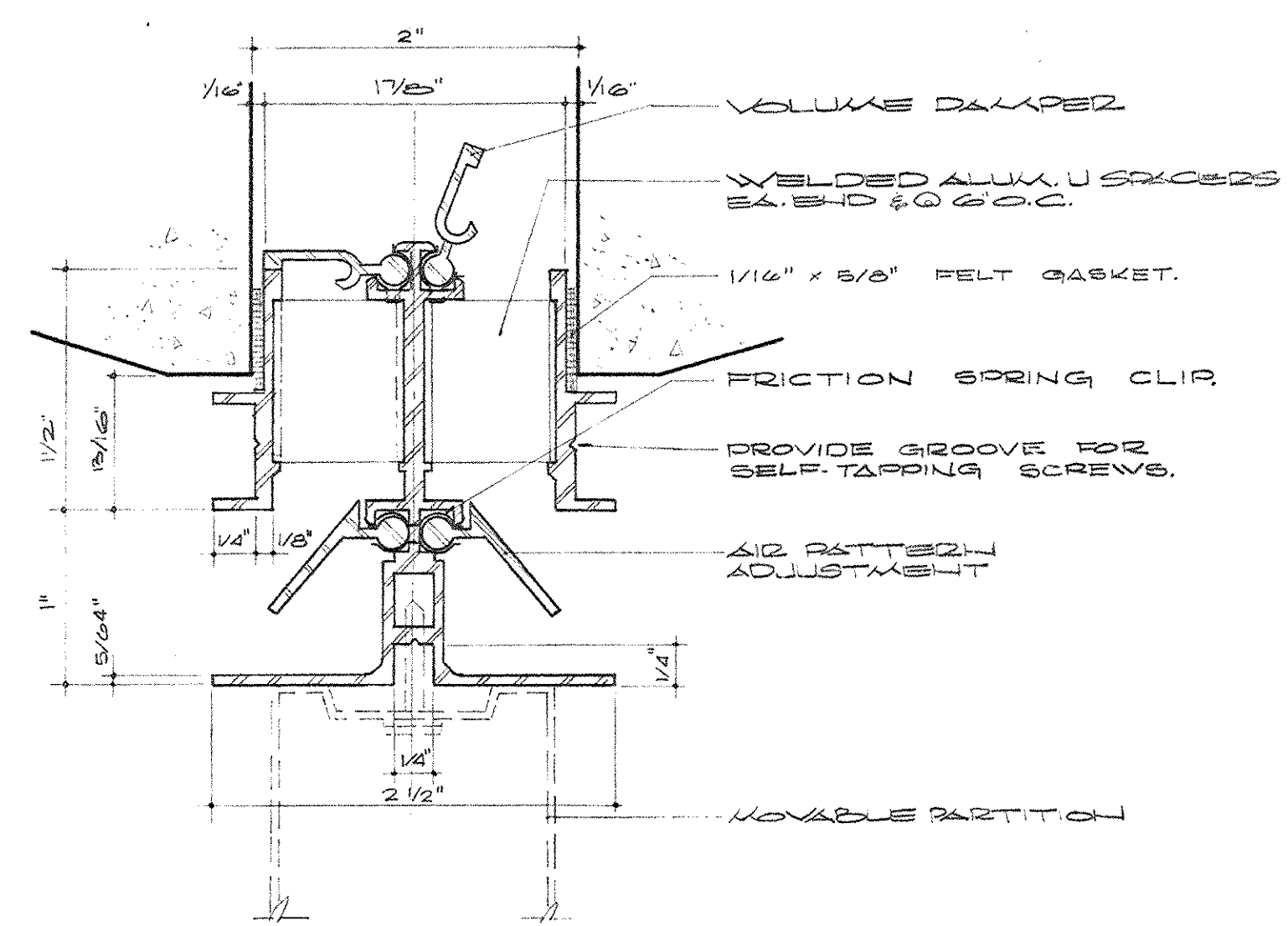
PARTIAL PLAN-EXTRUDED GRILLE LAYOUT - TYPICAL FLOORS 1 THRU 12 & 14 THRU 23
SCALE: 1/4" = 1'-0"

NOTES
 1. EXTRUSION TO BE INSTALLED ON PLASTER CEILING 24TH FLOOR ONLY. UTILIZE MOLY BOLTS TO SECURE EXTRUSION TO CEILING.
 2. SEE 24TH FLOOR PLAN FOR ACTIVE PORTION OF EXTRUDED GRILLE. ALSO FOR LENGTH OF EXTRUSION REQUIRED.
 3. FOR ALL CONDITIONS AT EXTERIOR WALLS - SEE ARCH. DETAILS.

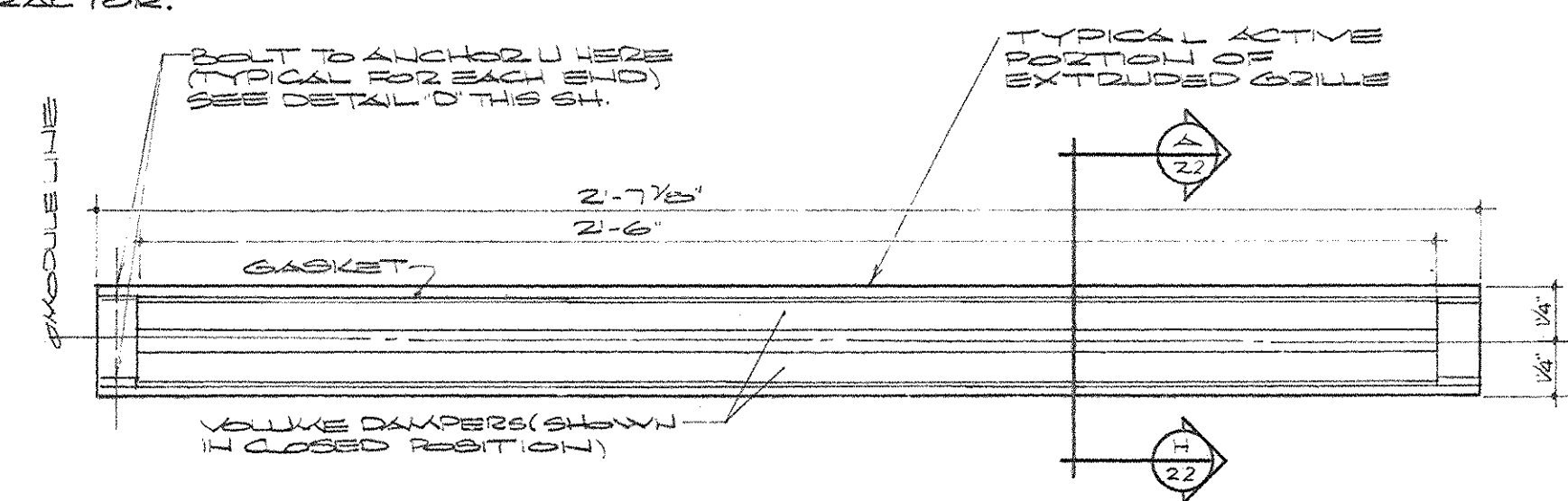
SEE ARCH. DETAIL 1/A-37 FOR DETAIL OF EXTRUSION OVER WINDOW.
 SEE ARCH. DETAIL 4/A-37 FOR DETAIL OF EXTRUSION AT COLUMN.
 GRILLE ALONG EXT. WALL TO BE FURNISHED & INSTALLED BY HEATING CONTRACTOR.
 EXTENT OF EXTRUSION SEE 24TH FLOOR PLAN. SEE ARCH. DETAIL D/A-41 FOR DETAIL OF GRILLE ALONG EXTERIOR WALL. HEATING CONTRACTOR SHALL FURNISH & INSTALL.
 ACTIVE PORTION OF EXTRUDED GRILLE - SEE DETAIL A OF THIS SHEET.
 INACTIVE PORTION OF EXTRUDED GRILLE - SEE DETAIL B OF THIS SHEET.
 EXTRUDED COGGS (TYPICAL) SEE DETAIL C OF THIS SHEET.
 DIMENSIONS OF COGGS TO BE VERIFIED ON JOB BY HEATING CONTRACTOR.



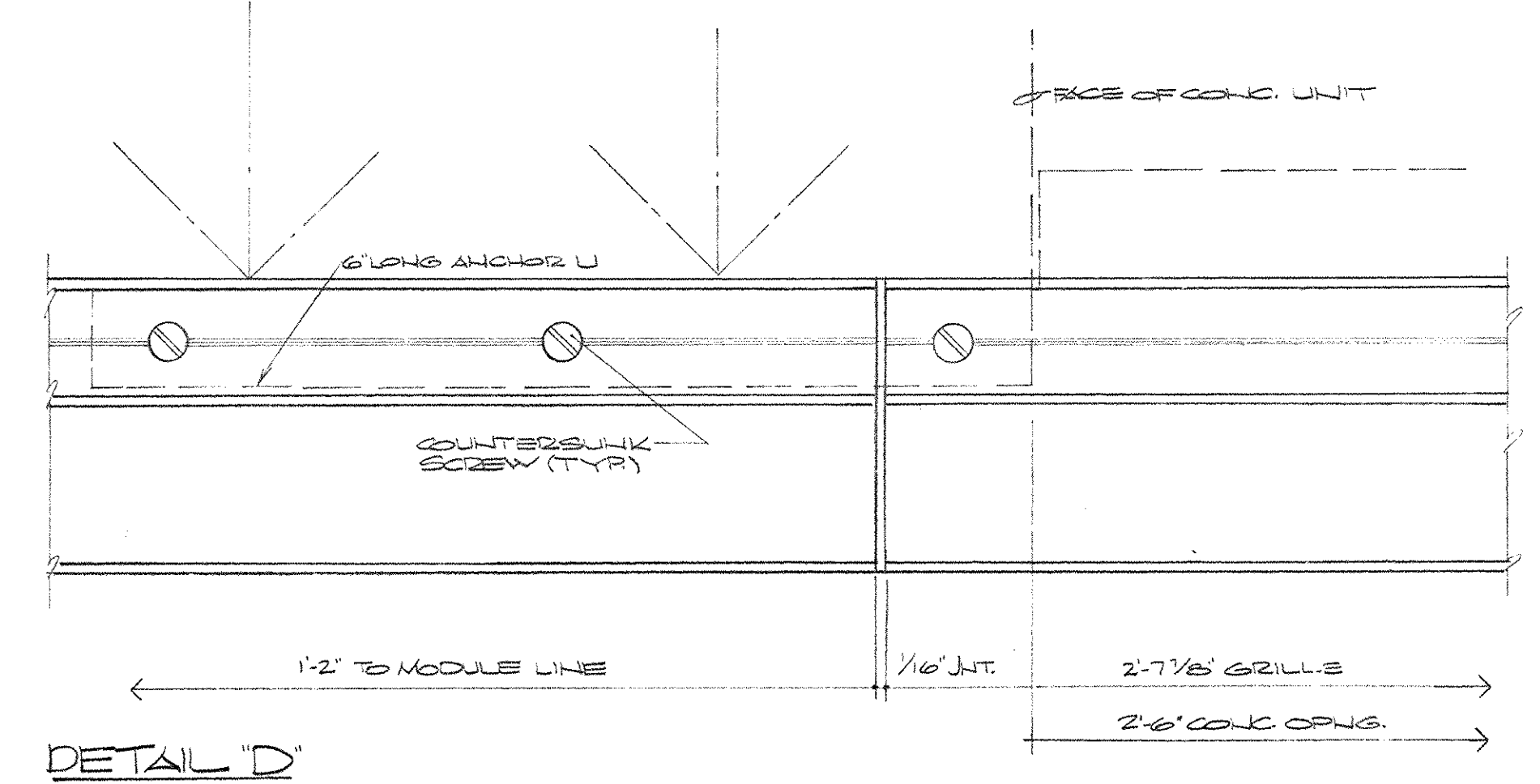
SECTION A-A
SCALE: FULL SIZE



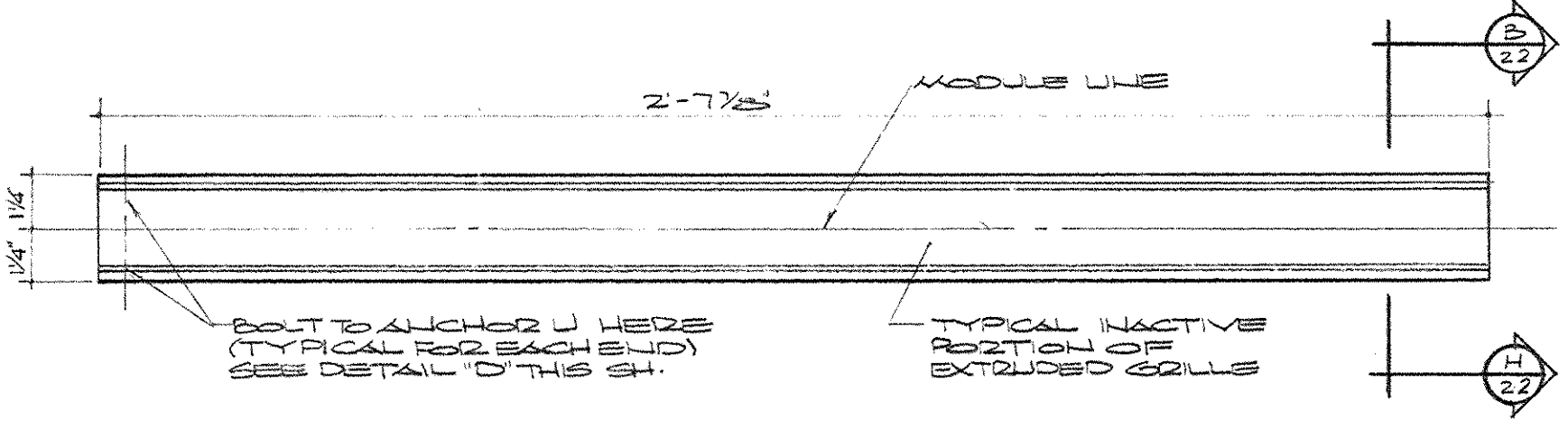
SECTION B-B
SCALE: FULL SIZE



DETAIL A
SCALE: 2" = 1'-0"

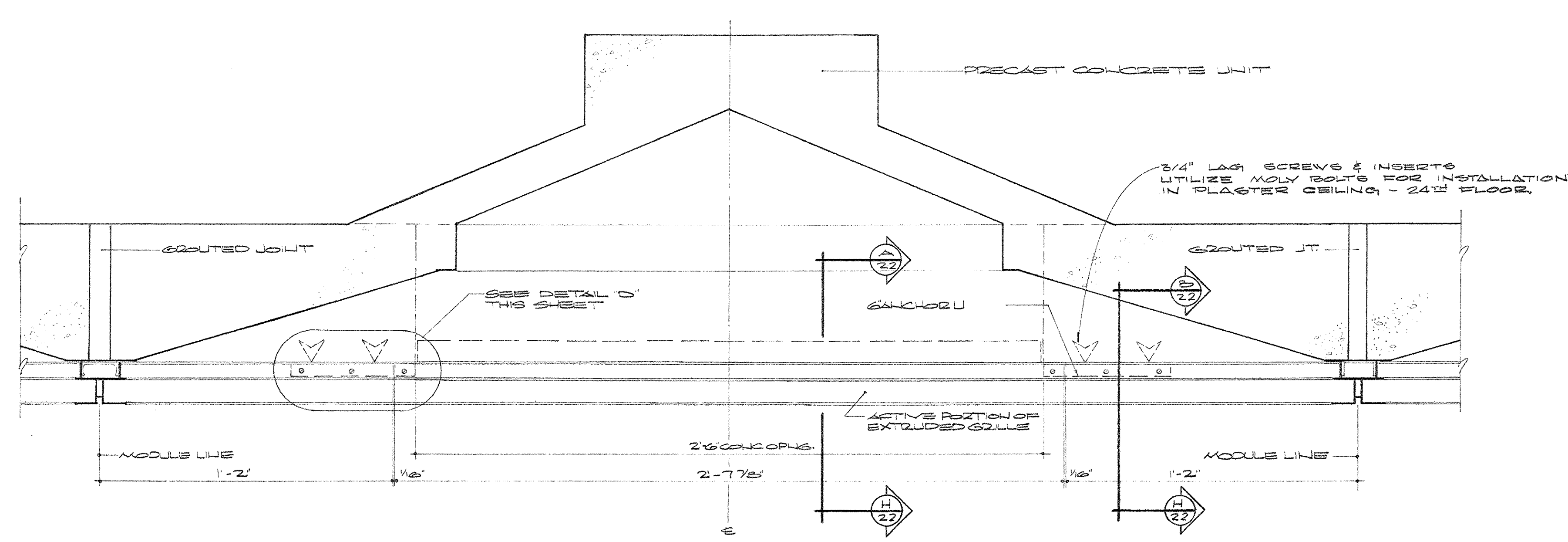


DETAIL D
SCALE: FULL SIZE

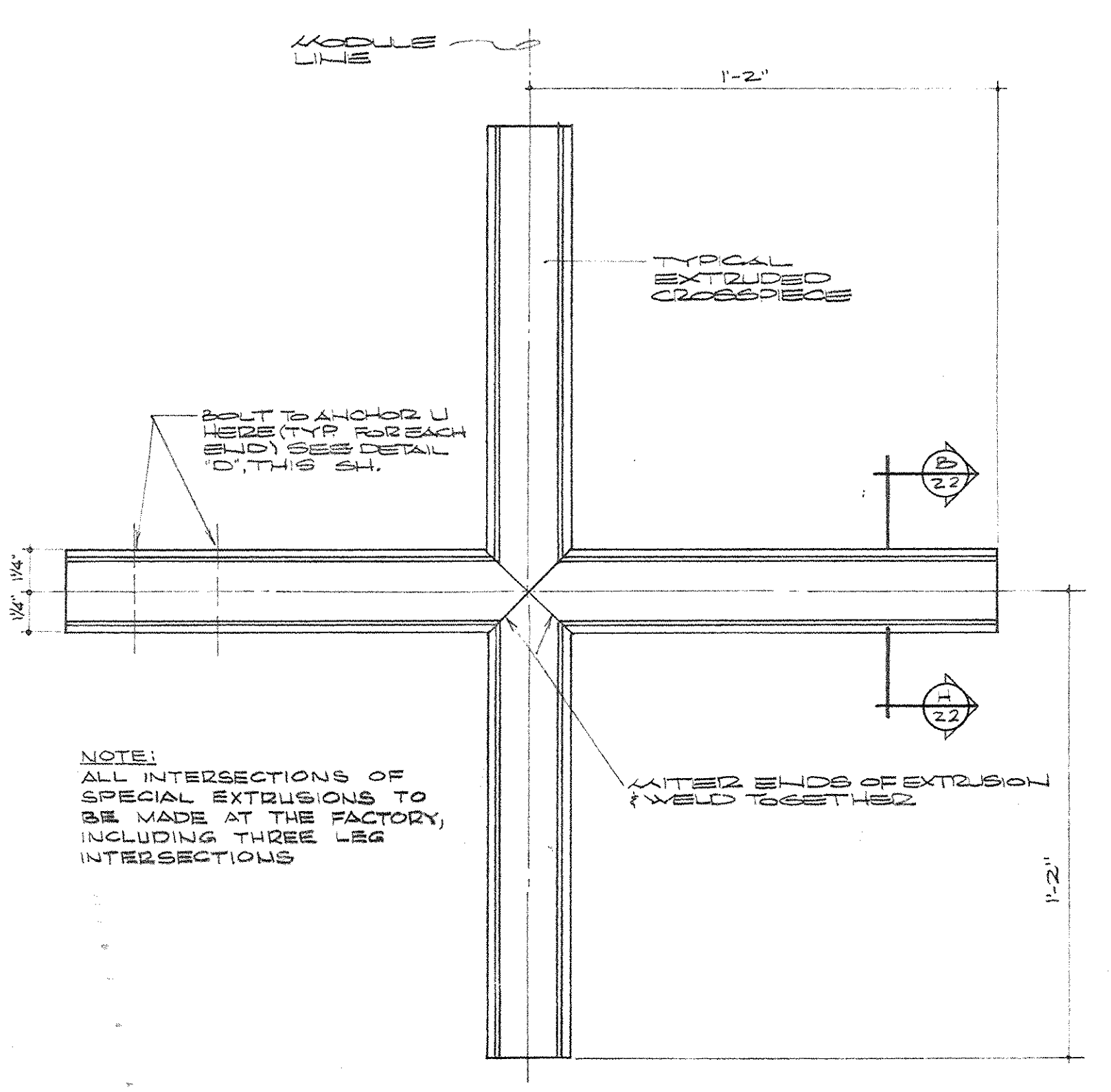


DETAIL B
SCALE: 2" = 1'-0"

NOTES
 1. SEE DETAILS ON ARCH. PLANS TO VERIFY ALL DIM. & EXTENT OF CEILING, EXTRUSIONS & GRILLES.
 2. ALL DIMENSIONS SHALL BE VERIFIED ON JOB.
 3. 24TH FLOOR SIMILAR - SEE PLANS FOR EXACT LENGTH & TYPE OF GRILLES REQUIRED.
 4. SEE DETAILS ON ARCH. SHEETS NOS. A-27 & A-41 FOR ADDITIONAL DETAILS OF CEILING EXTRUSIONS.



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



DETAIL C
SCALE: 2" = 1'-0"

AS-BUILT SUBMITTED
 DATE: JAN 73
 HUGG, CARTER & CLARKMAN, INC.

CAPITAL PLAZA OFFICE BUILDING			FRANKFORT, KENTUCKY	
DRAWN BY	T.F.	DATE	15 MAY 67	
TRACED BY	D.S.	SCALE	AS SHOWN	
CHECKED BY	G.S.	ARCHITECT	EDWARD DURELL STONE	
SECTOR NO.	C 2	ASSOCIATE ARCHITECTS & ENGINEERS	7 EAST 6TH STREET NEW YORK, N.Y.	
		ASSOCIATE ARCHITECTS & ENGINEERS	LEE POTTER SMITH & ASSOCIATES	
		COMMONWEALTH OF KENTUCKY	314 WILKINSON FRANKFORT, KENTUCKY	
		DEPARTMENT OF FINANCE - ENGINEERING STAFF	FRANKFORT, KENTUCKY	
APPROVED BY	ARCHITECT	DATE		
APPROVED BY	AGENCY HEAD	DATE		
APPROVED BY	OWNER	DATE	MAY 24 1967	

SCHEDULE OF GRILLES AND DIFFUSERS															
SYMBOL ROOM	MANUFACTURER	TYPE	FRAME SIZE	DIFFUSER SIZE	CORE	CFM	RD	RD IN.	THROW FT.	SOUND LEVEL DBA	NO.	DIRECTION OF THROW	MOUNTING	REMARKS	
S-1	BARBER-COLMAN	---	---	---	---	30"x2"	60	.018	2.9	---	---	---	2-WAY OPP	CLG.	SEE DET, SH. H-22
S-2	BARBER-COLMAN	---	---	---	---	30"x2"	80	.015	2.9	---	---	---	1-WAY	CLG.	SEE DET, SH. H-22
S-3	BARBER-COLMAN	---	---	---	---	30"x2"	105	.021	4.9	---	---	---	2-WAY OPP	CLG.	SEE DET, SH. H-22
S-4	BARBER-COLMAN	---	---	---	---	30"x2"	130	.027	7.0	---	---	---	2-WAY OPP	CLG.	SEE DET, SH. H-22
S-5	BARBER-COLMAN	---	---	---	---	30"x2"	112	.022	5.0	---	---	---	2-WAY OPP	CLG.	SEE DET, SH. H-22
S-6	BARBER-COLMAN	---	---	---	---	30"x2"	98	.020	4.0	---	---	---	2-WAY OPP	CLG.	SEE DET, SH. H-22
S-7	BARBER-COLMAN	---	---	---	---	30"x2"	115	.023	5.5	---	---	---	2-WAY OPP	CLG.	SEE DET, SH. H-22
S-8	BARBER-COLMAN	---	---	---	---	30"x2"	138	.030	9.0	---	---	---	2-WAY OPP	CLG.	SEE DET, SH. H-22
S-9	BARBER-COLMAN	---	---	---	---	30"x2"	80	.018	3.0	---	---	---	2-WAY OPP	CLG.	SEE DET, SH. H-22
S-10	BARBER-COLMAN	---	---	---	---	30"x2"	90	.018	3.0	---	---	---	1-WAY	CLG.	SEE DET, SH. H-22
S-11	BARBER-COLMAN	---	---	---	---	---	---	---	---	---	---	---	VERTICAL	ON REHEAT UNIT	NOTE 1.
S-12	BARBER-COLMAN	C.A.A.	---	2-SLIT	---	180x3/8	160	.01	10	---	---	---	2-WAY OPP	CLG.	---
S-13	BARBER-COLMAN	C.A.A.	---	2-SLIT	---	180x3/8	121	.01	8	---	---	---	2-WAY OPP	CLG.	---
S-14	BARBER-COLMAN	C.A.A.	---	1-SLIT	---	30"x1 1/8"	123	.033	14'	31	26	---	VERTICAL	CLG.	---
S-15	BARBER-COLMAN	P.S.T.	24"x24"	10-20	PREP FACE	10"x10"	150	.010	5'	---	---	---	2-WAY OPP	CLG.	---
S-16	BARBER-COLMAN	P.S.T.	24"x24"	10-20	PREP FACE	10"x10"	120	.010	5'	---	---	---	2-WAY OPP	CLG.	---
S-17	BARBER-COLMAN	P.S.T.	24"x24"	10-20	PREP FACE	10"x10"	134	.020	4'	---	---	---	2-WAY OPP	CLG.	---
S-18	BARBER-COLMAN	P.S.T.	36"x36"	0-12	PREP FACE	6"x6"	85	.026	4'	---	---	---	3-WAY	CLG.	---
S-19	BARBER-COLMAN	P.S.T.	36"x36"	10-20	PREP FACE	10"x10"	138	.010	4'	---	---	---	3-WAY	CLG.	---
S-20	BARBER-COLMAN	P.S.T.	36"x36"	0-12	PREP FACE	8"x8"	160	.020	4'	---	---	---	4-WAY	CLG.	---
S-21	BARBER-COLMAN	P.S.T.	36"x36"	0-12	PREP FACE	6"x6"	120	.050	6'	---	---	---	3-WAY	CLG.	---
S-22	BARBER-COLMAN	P.S.T.	36"x36"	10-20	PREP FACE	6"x6"	175	.070	6'	26	14	---	4-WAY	CLG.	---
S-23	BARBER-COLMAN	C.A.A.	---	3-SLIT	---	108x3/8	500	.025	14'	---	---	---	1-WAY	CLG.	---
S-24	BARBER-COLMAN	C.A.A.	---	2-SLIT	---	78"x3/8"	400	.022	17'	23	17	---	VERTICAL	CLG.	---
S-25	BARBER-COLMAN	C.A.A.	---	4-SLIT	---	72"x3/8"	700	.010	22'	35	31	---	1-WAY	CLG.	---
S-26	BARBER-COLMAN	G.M.A.	18"x4"	---	---	18"x4"	85	.070	8	---	---	---	HORIZ.	CLG. 2-SLIT	---
S-27	BARBER-COLMAN	G.M.A.	18"x4"	---	---	18"x4"	85	.070	10	---	---	---	HORIZ.	CLG. 2-SLIT	---
S-28	BARBER-COLMAN	P.S.T.	25"x25"	10-20	PREP FACE	18"x12"	400	.020	8	---	---	---	4-WAY	CLG.	---
S-29	BARBER-COLMAN	P.S.T.V.	48"x24"	10-20	PREP FACE	18"x12"	160	.010	0	---	---	---	2-WAY OPP	CLG.	---
S-30	BARBER-COLMAN	P.S.T.V.	48"x24"	10-20	PREP FACE	18"x12"	210	.010	0	---	---	---	3-WAY	CLG.	---
S-31	BARBER-COLMAN	P.S.T.	24"x24"	0-12	PREP FACE	6"x6"	100	.050	0	---	---	---	2-WAY OPP	CLG.	---
S-32	BARBER-COLMAN	P.S.T.	24"x24"	10-20	PREP FACE	10"x10"	277	.040	11	30	19	---	2-WAY OPP	CLG.	---
S-33	BARBER-COLMAN	P.S.T.V.	24"x24"	10-20	PREP FACE	10"x10"	122	.010	5	---	---	---	2-WAY OPP	CLG.	---
S-34	BARBER-COLMAN	P.S.T.V.	24"x24"	12-24	PREP FACE	12"x12"	244	.010	5	---	---	---	4-WAY	CLG.	---
S-35	BARBER-COLMAN	P.S.T.	24"x24"	0-12	PREP FACE	6"x6"	181	.020	4	---	---	---	4-WAY	CLG.	---
S-36	BARBER-COLMAN	P.S.T.	24"x24"	0-12	PREP FACE	6"x6"	128	.040	4	---	---	---	4-WAY	CLG.	---
S-37	BARBER-COLMAN	P.S.T.	24"x24"	0-12	PREP FACE	6"x6"	148	.030	8	22	19	---	2-WAY OPP	CLG.	---
S-38	BARBER-COLMAN	P.S.T.V.	24"x24"	10-20	PREP FACE	10"x10"	164	.020	7	---	---	---	2-WAY OPP	CLG.	---
S-39	BARBER-COLMAN	P.S.T.V.	48"x24"	10-20	PREP FACE	10"x10"	310	.020	12	32	21	---	2-WAY OPP	CLG.	---
S-40	BARBER-COLMAN	P.S.T.	36"x36"	10-20	PREP FACE	10"x10"	300	.050	12	32	21	---	2-WAY OPP	CLG.	---
S-41	BARBER-COLMAN	C.A.A.	---	2-SLIT	---	48x3/8"	240	.050	24	33	27	---	1-WAY	CLG.	---
S-42	BARBER-COLMAN	G.M.A.V.	18"x5"	---	---	18"x5"	185	.010	15	---	---	---	HORIZ.	CLG. 2-SLIT	---
S-43	BARBER-COLMAN	G.M.A.	20"x5"	---	---	20"x5"	203	.020	15	---	---	---	HORIZ.	CLG. 2-SLIT	---
S-44	BARBER-COLMAN	P.S.T.	24"x24"	12-24	PREP FACE	12"x12"	240	.050	15	30	29	---	1-WAY	CLG.	---
S-45	BARBER-COLMAN	G.M.A.V.	24"x5"	---	---	24"x5"	245	.02	20	---	---	---	HORIZ.	CLG. 15" 2-SLIT	---
S-46	BARBER-COLMAN	G.M.A.V.	24"x5"	---	---	24"x5"	200	.02	20	---	---	---	HORIZ.	CLG. 15" 2-SLIT	---
S-47	BARBER-COLMAN	G.M.A.V.	24"x5"	---	---	24"x5"	200	.02	20	---	---	---	HORIZ.	CLG. 15" 2-SLIT	---

- NOTES:
- PERFORMANCE CHARACTERISTICS FOR S-11 VARY. VALUES IN SCHEDULE ARE MAXIMUM VALUES - SEE TERMINAL REHEAT UNIT SCHEDULE FOR SPECIFIC QNT. QUANTITIES. SEE SPECIFICATIONS.
 - COLOR OF ALL GRILLES & DIFFUSERS SHALL BE SELECTED BY ARCHITECT.
 - ALL GRILLES & DIFFUSERS SHALL BE COMPLETE WITH PLASTER FRAMES WHERE REQUIRED.
 - ALL GRILLES & DIFFUSERS SHALL BE FURNISHED WITH SEALING GASKETS.
 - GRILLES & DIFFUSERS SHALL BE AS MANUFACTURED BY BARBER-COLMAN, TITUS, TUTTLE & BAILEY OR APPROVED EQUAL.
 - PROVIDE VOLUME CONTROL DAMPER WITH FUSIBLE LINK.

SCHEDULE OF TERMINAL REHEAT UNITS															
SYMBOL	MANUFACTURER	TYPE	INLET SIZE	NO.	FLOW IN.	TOTAL AIR CFM	MAXIMUM AIR CFM	RD IN.	RD FT.	FORCED AIR HEATING HTS. CAP. IN. W.T. E. A.T.	CONVECTION HEATING HTS. CAP. IN. W.T. E. A.T.	REMARKS			
RU-1	AS SPECIFIED	LTV	4"	2.0	28	65	91	28.5	2.0	3.5	2600	110' 53"	2400	200' 75"	SEE DET. SH. H-22
RU-2	AS SPECIFIED	LTV	4"	2.0	28	95	35	28.5	2.0	3.5	2400	110' 53"	2400	200' 75"	SEE DET. SH. H-22
RU-3	AS SPECIFIED	LTV	4"	2.0	28	88	120	26.5	2.0	3.5	3050	110' 53"	2400	200' 75"	SEE DET. SH. H-22
RU-4	AS SPECIFIED	LTV	4"	2.0	30	98	181	26.5	2.0	3.5	3250	110' 53"	2400	200' 75"	SEE DET. SH. H-22
RU-5	AS SPECIFIED	LTV	4"	2.0	31	105	188	25.1	2.0	3.5	3350	110' 53"	2400	200' 75"	SEE DET. SH. H-22
RU-6	AS SPECIFIED	LTV	4"	2.0	31	111	147	24.5	2.0	3.5	3540	110' 53"	2400	200' 75"	SEE DET. SH. H-22
RU-7	AS SPECIFIED	LTV	4"	2.0	32	120	151	23.3	2.0	3.5	3900	110' 53"	2400	200' 75"	SEE DET. SH. H-22
RU-8	AS SPECIFIED	LTV	4"	2.0	32	126	162	22.5	2.0	3.5	3800	110' 53"	2400	200' 75"	SEE DET. SH. H-22
RU-9	AS SPECIFIED	LTV	4"	2.0	32	133	170	21.7	2.0	3.5	3930	110' 53"	2400	200' 75"	SEE DET. SH. H-22
RU-10	AS SPECIFIED	HPE	6"	2.0	18	100-200	---	---	---	---	---	---	---	---	NOTE 1
RU-11	AS SPECIFIED	HPE	6"	2.0	19	300-200	---	---	---	---	---	---	---	---	NOTE 2
RU-12	AS SPECIFIED	HPE	6"	2.0	19	300-200	---	---	---	---	---	---	---	---	NOTE 3

- NOTES:
- PROVIDE 1 KW ELEC. DUCT HEATER - 12" X 6" DUCT SIZE - 14/100/120V.
 - PROVIDE 2 KW ELEC. DUCT HEATER - 10" X 7" DUCT SIZE - 14/100/120V.
 - PROVIDE 3 KW ELEC. DUCT HEATER - 10" X 7" DUCT SIZE - 14/100/120V.

SCHEDULE OF DUAL DUCT MIXING BOXES										
SYMBOL	MANUFACTURER	TYPE	SIZE	CFM RANGE	STATIC PRESSURE RANGE IN. W.G.	SOUND LEVEL NO.	DUCT CONNECTION INLET	DUCT CONNECTION OUTLET	REMARKS	
MB-1	BARBER-COLMAN	HCE	4	100-200	0.75-4.00	17-27	4"	4"	NOTE 1	
MB-2	BARBER-COLMAN	HCE	5	200-350	0.75-4.00	17-27	5"	5"	NOTE 1	
MB-3	BARBER-COLMAN	HCE	6	300-450	0.75-4.00	17-27	6"	6"	NOTE 1	
MB-4	BARBER-COLMAN	HCE	8	500-800	0.75-4.00	18-24	8"	8"	NOTE 1	
MB-5	BARBER-COLMAN	HCE	10	800-1400	0.75-4.00	22-42	10"	10"	NOTE 1	
MB-6	BARBER-COLMAN	HCE	12	1400-2400	0.75-4.00	25-42	12"	12"	NOTE 1	
MB-7	BARBER-COLMAN	HCE	14	2400-3200	0.75-4.00	31-42	14"	14"	NOTE 1	
MB-8	BARBER-COLMAN	HCE	16	2800-5000	0.75-4.00	35-48	16"	16"	NOTE 1	

- NOTES:
- MIXING BOXES SHALL BE AS MANUFACTURED BY BARBER-COLMAN, TUTTLE & BAILEY CONJOUR, OR APPROVED EQUAL.
 - NO SOUND LEVEL RATING BASED ON 5 FEET OF UNLINED DUCT ATTACHED TO UNIT.
 - LEAKAGE THRU INLET SHALL NOT EXCEED 2% OF MAX. RATED AIR VOLUME AT 5" STATIC PRESSURE.
 - CONTROL MOTOR SHALL BE FURNISHED BY AUTO TEMP. CONTROL MFG. & MOUNTED BY UNIT MFG.

SCHEDULE OF VARIABLE VOLUME INDUCTION UNITS											
SYMBOL	MANUFACTURER	TYPE	SIZE	CFM RANGE	INLET S.F.	NO. RANGE	DOWNSTREAM	MAX. % INDUCTION	DUCT DIMENSION INLET	DUCT DIMENSION OUTLET	REMARKS
IU-1	AS SPECIFIED	---	4	100-250	2" W.G.	22-30	0.10" W.G.	45	4"	4"	NOTE 1
IU-2	AS SPECIFIED	---	6	250-550	2" W.G.	24-34	0.10" W.G.	45	6"	6"	NOTE 1
IU-3	AS SPECIFIED	---	8	350-850	2" W.G.	32-38	0.10" W.G.	50	8"	8"	NOTE 2
IU-4	AS SPECIFIED	---	8	350-850	2" W.G.	32-38	0.10" W.G.	50	8"	8"	NOTE 3
IU-5	AS SPECIFIED	---	8	350-850	2" W.G.	32-38	0.10" W.G.	49	8"	8"	NOTE 3
IU-8	AS SPECIFIED	---	8	350-850	2" W.G.	32-38	0.10" W.G.	50	8"	8"	NOTE 3

- NOTES:
- PROVIDE 1 KW ELECTRIC DUCT HEATER - 10/100/120V.
 - PROVIDE 1.5 KW ELECTRIC DUCT HEATER - 14/100/120V.
 - PROVIDE 3 KW ELECTRIC DUCT HEATER - 14/100/120V.

SCHEDULE OF PUMPS														
SYMBOL	MANUFACTURER	SERVICE	TYPE	SIZE	CRANKING WORKING PRESSURE	CFM	HEAD FT.	MINIMUM EFFICIENCY	HP	ELEC. CHRG.	MOUNTING	REMARKS		
PU-1	PEERLESS	CONDENSER WATER	NOTE 1	14MHC-2	125	1700	125	83%	75	30/100/1400V	COND. BASIN	COOLING TOWER PUMP		
PU-2	PEERLESS	CONDENSER WATER	NOTE 2	80S11	125	1700	50	85%	30	30/100/1400V	FLOOR	CONDENSER PUMP		
PU-3	PEERLESS	C.W.	NOTE 2	80S11	125	1850	85	81%	80	30/100/1400V	FLOOR	PRIMARY C.W. PUMP		
PU-4	PEERLESS	C.W.	NOTE 3	243X3R8	125	185	40	75%	3	30/100/1400V	FLOOR	TO COMMERCIAL AREA		
PU-5	PEERLESS	C.W.	NOTE 3	243X3R8	125	220	34	73%	3	30/100/1400V	FLOOR	TO DUAL DUCT UNIT		
PU-6	PEERLESS	C.W.	NOTE 1	60X3R8	125	1122	47	71%	20	30/100/1400V	FLOOR	TO 13 FLOOR AIR SYSTEMS		
PU-7	PEERLESS	C.W.	NOTE 2	60X3R8	125	1060	48	73%	20	30/100/1400V	FLOOR	TO 13 FLOOR AIR SYSTEMS		
PU-8	PEERLESS	C.W.	NOTE 3	243X3R8	125	192	55	78%	5	30/100/1400V	FLOOR	TO COMPUTER ROOM UNITS		
PU-9	PEERLESS	H.W.	NOTE 2	10AL4-B	250	4420	100	88%	12.5	30/100/1400V	FLOOR	PRIMARY H.W. PUMP		
PU-10	PEERLESS	H.W.	NOTE 3	243X3R8	125	210	89	82%	3	30/100/1400V	FLOOR	TO COMMERCIAL AREA		
PU-11	PEERLESS	H.W.	NOTE 3	243X3R8	125	300	45	78%	5	30/100/1400V	FLOOR	TO DUAL DUCT UNIT		
PU-12	PEERLESS	H.W.	NOTE 2	100S12	125	1320	35	78%	2.5	30/100/1400V	FLOOR	TO FLOORS 1 THRU 12		
PU-13	PEERLESS	H.W.	NOTE 1	100S12	125	1600	34	77%	20	30/100/1400V	FLOOR	TO FLOORS 14 THRU 23		
PU-14	PELLI & GOSSETT	H.W.	NOTE 3	80578R	125	87	14	---	---	30/100/1400V	IN LINE	TO AIR SYSTEM # 8		
PU-15	PELLI & GOSSETT	H.W.	NOTE 3	80578R	125	84	22	---	---	30/100/1400V	IN LINE	TO AIR SYSTEM # 4		
PU-16	PEERLESS	H.W.	NOTE 2	243X3R8	125	32	23							