

IRVINE HIGH SCHOOL

IRVINE UNIFIED SCHOOL DISTRICT

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5178 DUPONT DRIVE, IRVINE, CA. 92618-2204

10101 BURE ROAD, BUBERTINO, CA. 92618-7230

PLUMBING AND MECHANICAL

PLUMBING

TS-1 TEMPORARY SERVICES (NOT INCLUDED IN QAC APPROVAL)

P-1 PLUMBING SITE PLAN
P-2 PLUMBING ROOF PLAN
P-3 PLUMBING FIXTURE SCHEDULES
P-4 PLUMBING DETAILS & MISC. SCHEDULES
P-100 BUILDING A - PLUMBING FLOOR PLAN
P-200 BUILDING B - PLUMBING FLOOR PLAN
P-201 BUILDING B - PLUMBING
P-300 BUILDING C - PLUMBING FLOOR PLAN
P-400 BUILDING D - PLUMBING FLOOR PLAN
P-401 BUILDING D - PLUMBING FLOOR PLAN
P-500 BUILDING E - PLUMBING FLOOR PLAN
P-600 BUILDING F - PLUMBING FLOOR PLAN
P-601 BUILDING F - PLUMBING FLOOR PLAN
P-700 BUILDING G - PLUMBING FLOOR PLAN

M-1 MECHANICAL ROOF PLAN
M-2 MECHANICAL SCHEDULES
M-3 MECHANICAL DETAILS
M-4 MECHANICAL EQUIPMENT PAD
M-5 MECHANICAL EQUIPMENT PAD ALTERNATE
M-6 HW-CHW FLOW DIAGRAM
M-100 BUILDING A - MECHANICAL FLOOR PLAN
M-200 BUILDING B - MECHANICAL FLOOR PLAN
M-300 BUILDING C - MECHANICAL FLOOR PLAN
M-400 BUILDING D - MECHANICAL FLOOR PLAN
M-401 BUILDING D - MECHANICAL FLOOR PLAN
M-500 BUILDING E - MECHANICAL FLOOR PLAN
M-600 BUILDING F - MECHANICAL FLOOR PLAN
M-601 BUILDING F - MECHANICAL FLOOR PLAN
M-700 BUILDING G - MECHANICAL FLOOR PLAN

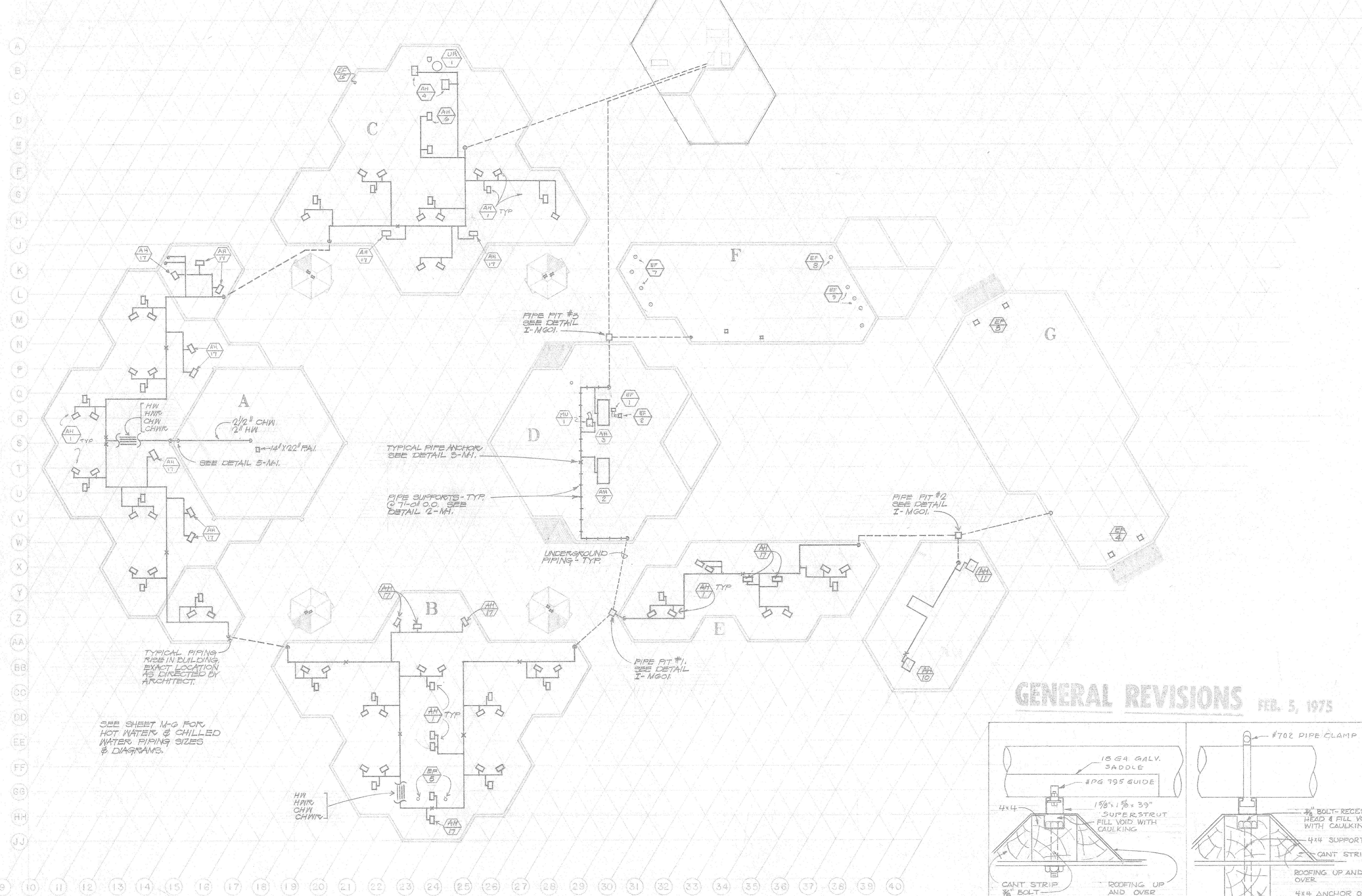
APPROVED
RON D. YOUNG
ARCHITECT

PROFESSIONAL APPROVAL
FOUNDATION & FRAME ONLY
STATE OF CALIFORNIA - DEPARTMENT OF GENERAL SERVICES
OFFICE OF ARCHITECTURE AND CONSTRUCTION

37345 APPROVED FEB 6 1975

APPROVED BY: [Signature]

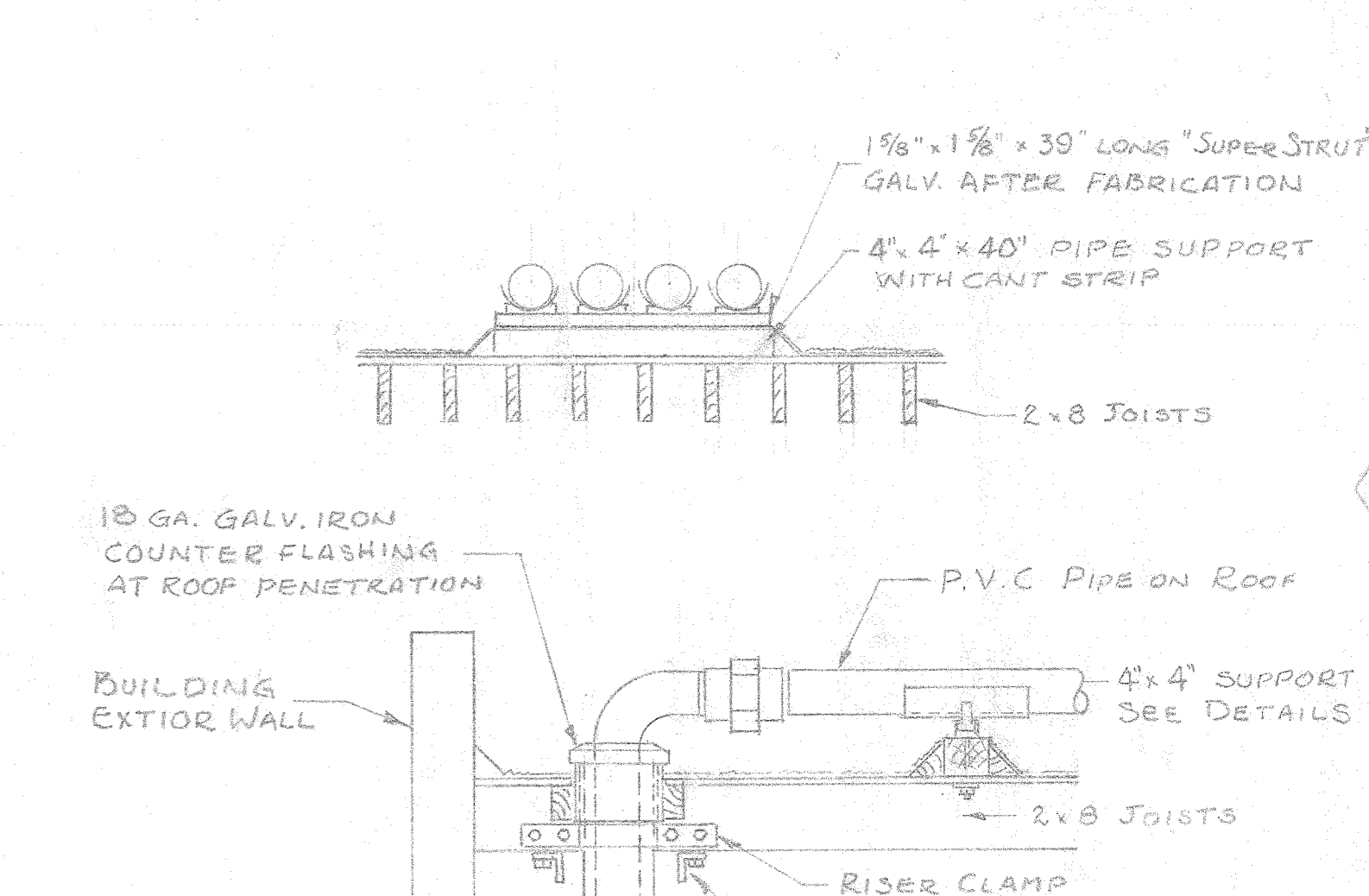
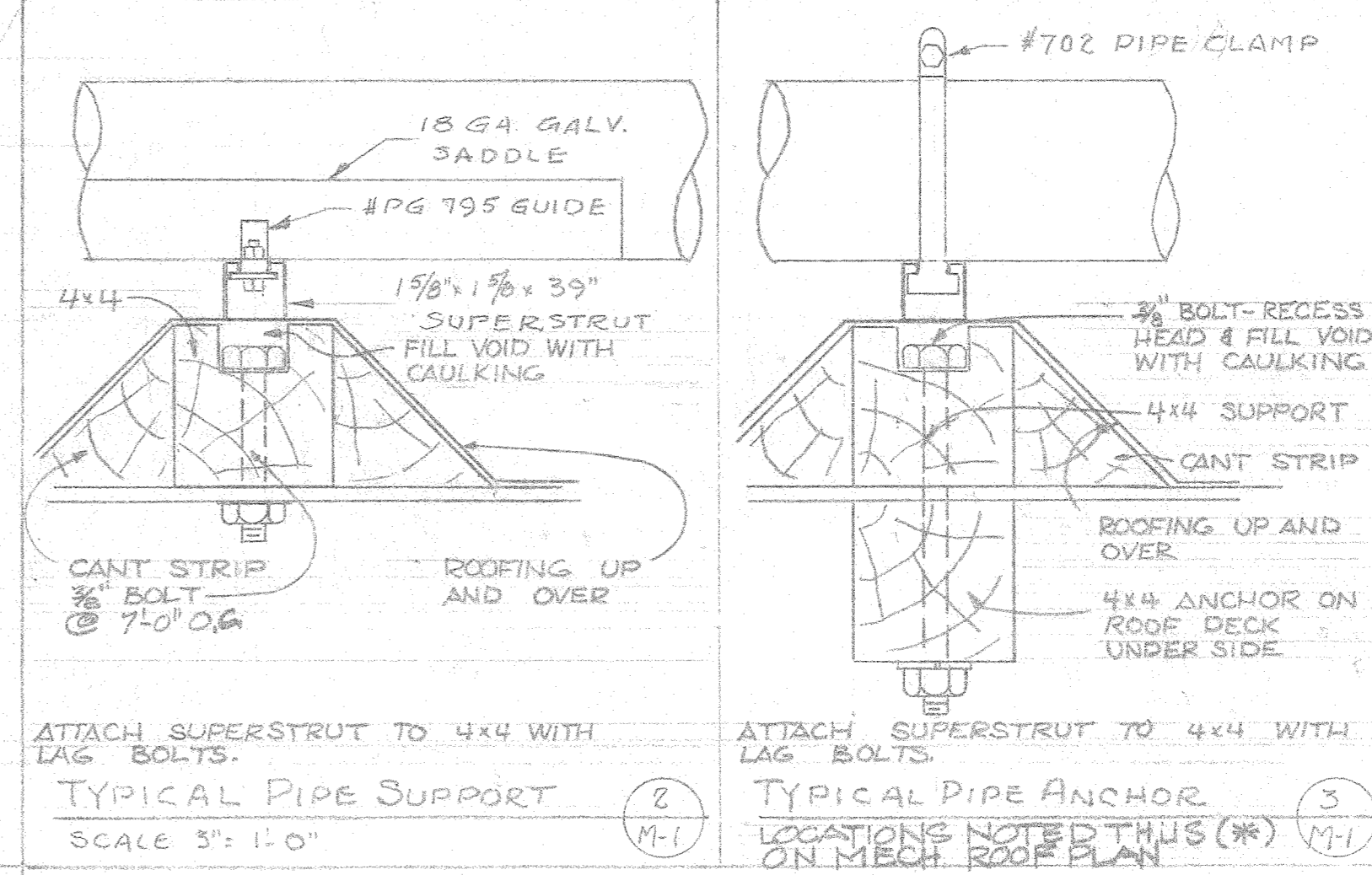
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NOTE
 SHALL PLACE TOPS, CEILING, CARCASS AND TRIMMS, SHALL BE PROVIDED BY ARCHITECT AND NOT INCLUDED IN MECHANICAL CONTRACT. MECHANICAL CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING UNDER A FUTURE CONTRACT.
 EXCEPT AS SPECIFICALLY NOTED BY SHOWN STREAMLINES, ALL AIR HANDLING UNITS SHALL BE LOCATED TO BE LOCATED WITHIN OR BEHIND FUTURE GYMSEUM STRUCTURE. CONTRACTOR SHALL BE RESPONSIBLE FOR INTERIOR LAYOUT RELATIVE TO FUTURE WORK WILL BE PROVIDED BY THE ARCHITECT.

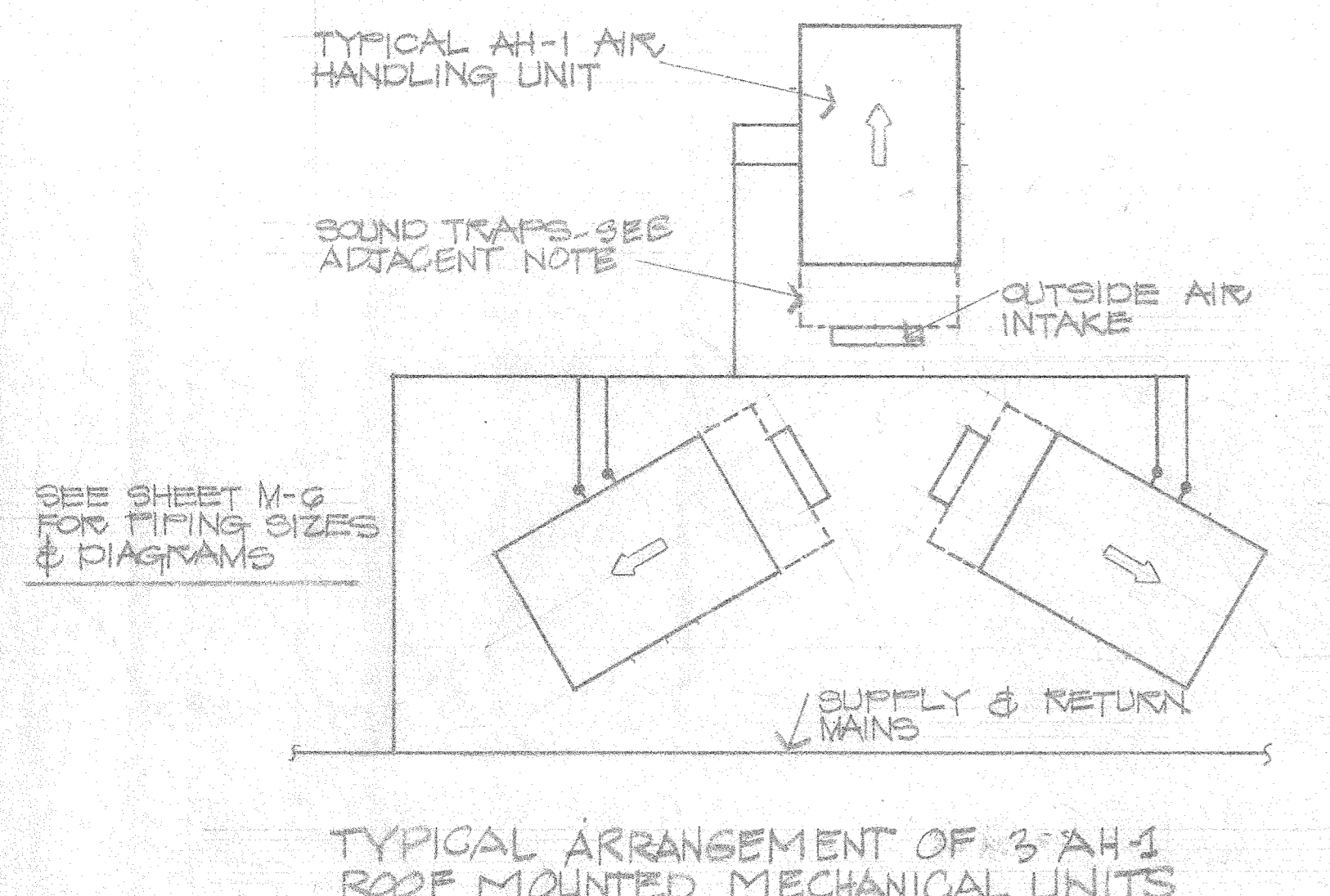
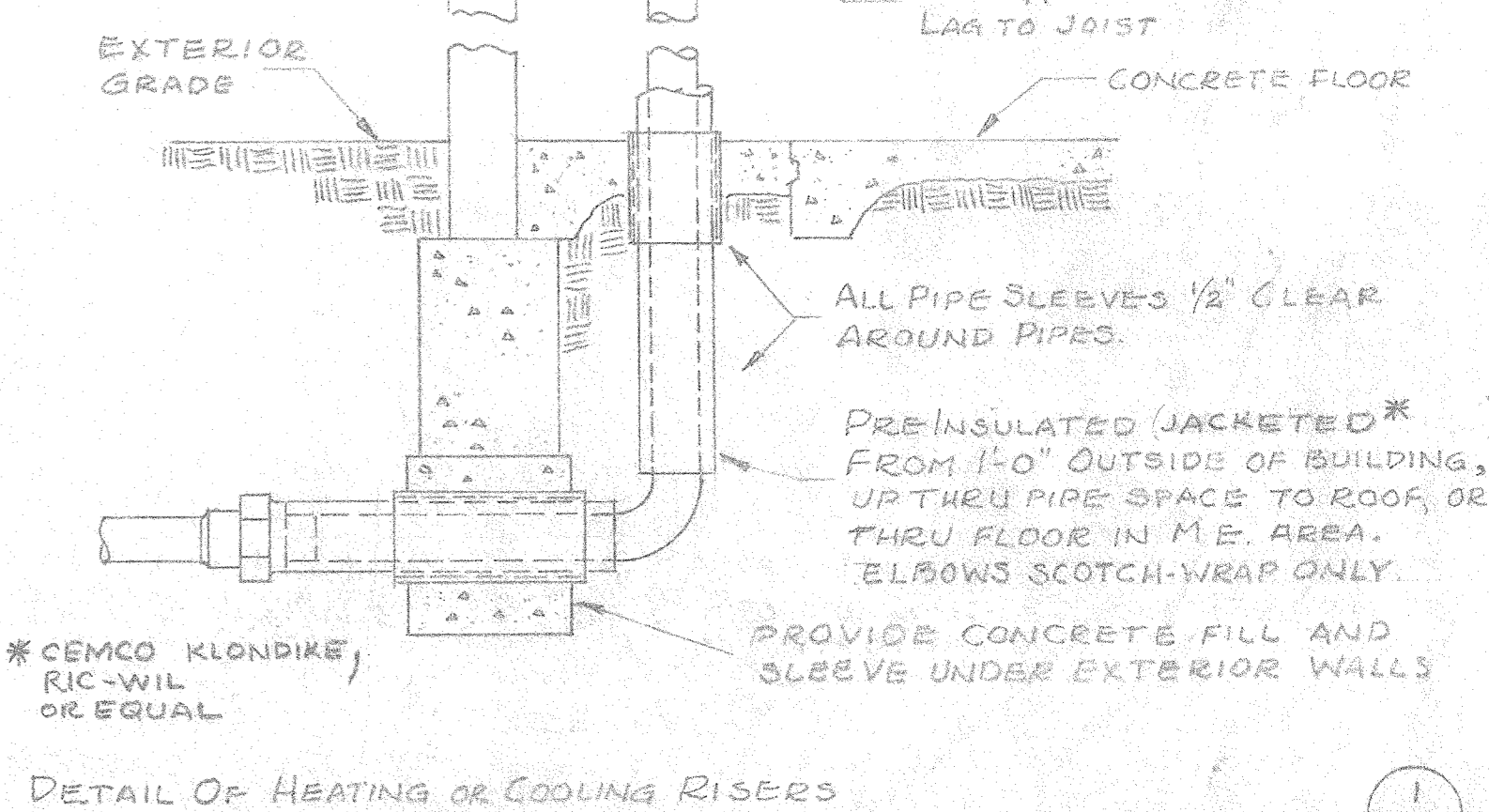
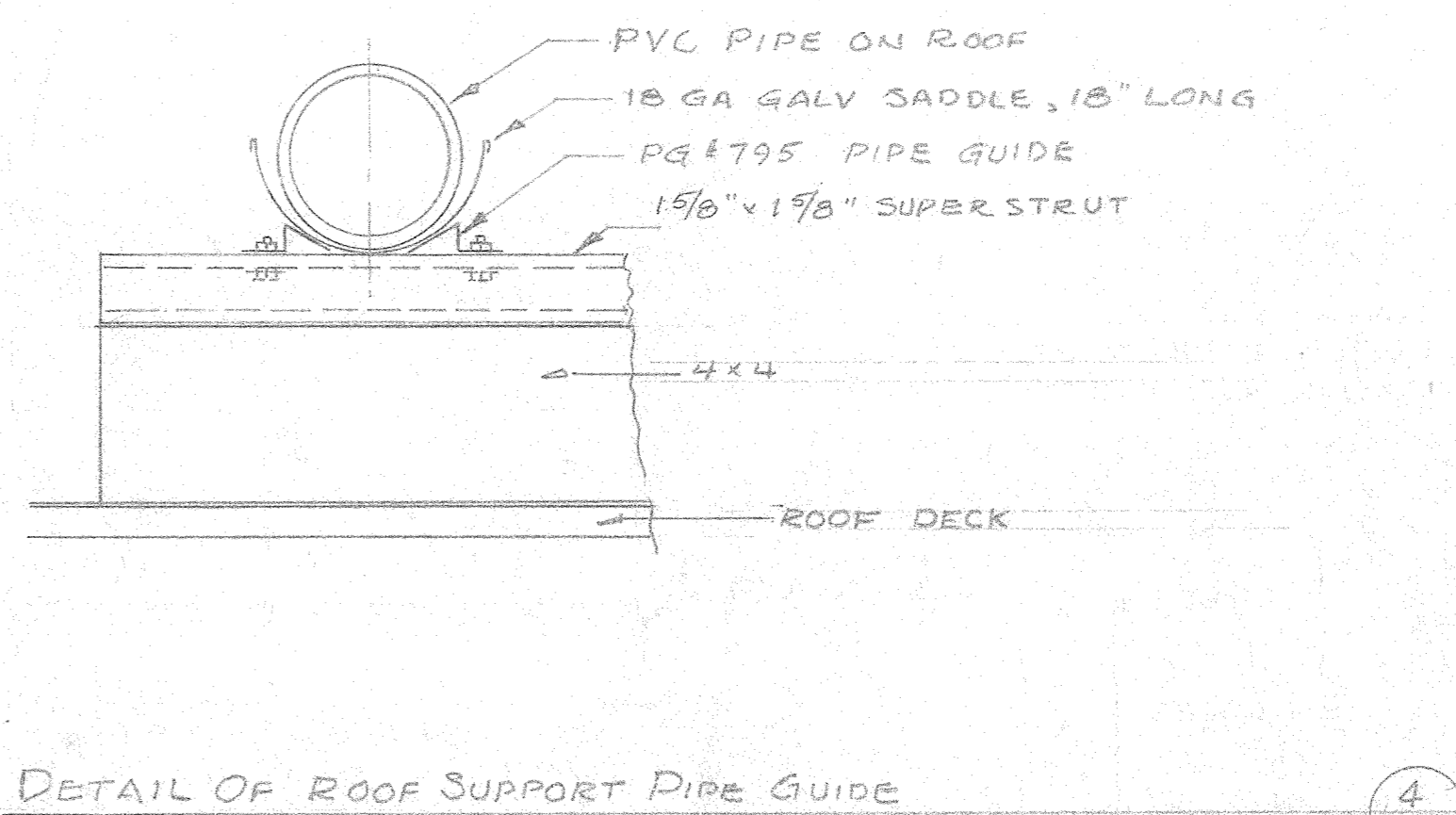
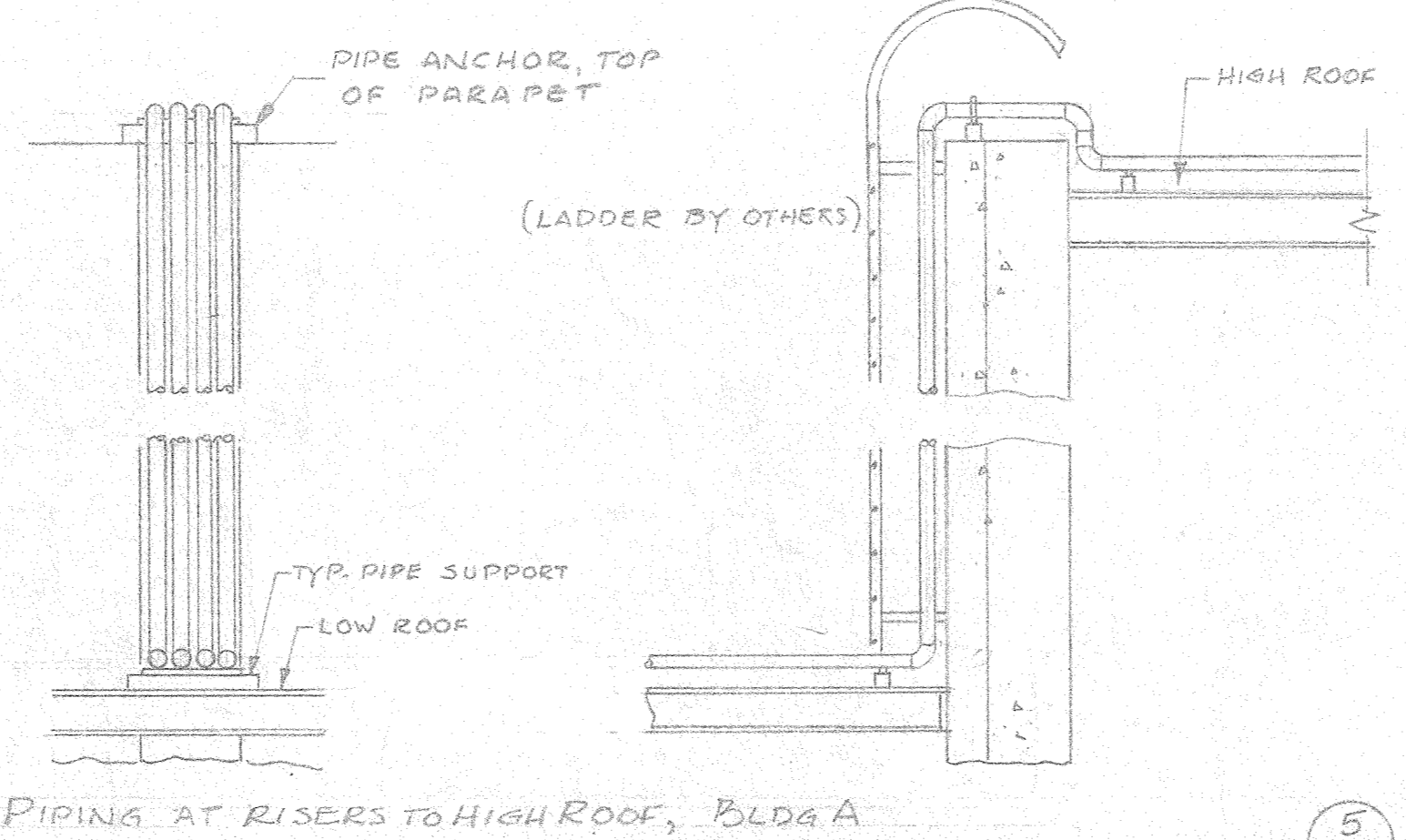
LEGEND		ABBREVIATIONS	
DESCRIPTION	SYMBOL	ABBREVIATION	DESCRIPTION
DUCT TURN	[Symbol]	AV	AIR VALVE
DUCT ANGLE	[Symbol]	AVD	AUTOMATIC VALVE DAMPER
DUCT TURN	[Symbol]	AVV	VALVE
DUCT TURN	[Symbol]	CA	CONSTRUCTION AIR
DUCT TURN	[Symbol]	CD	CONDENSATE DRAIN
DUCT TURN	[Symbol]	CWB	CONDENSING WATER RETURN
DUCT TURN	[Symbol]	CWS	CONDENSING WATER SUPPLY
DUCT TURN	[Symbol]	CW	DOMESTIC COLD WATER
DUCT TURN	[Symbol]	DD	DUCT ACCESS DOOR
DUCT TURN	[Symbol]	D	DOOR LOWER
DUCT TURN	[Symbol]	D	DUCT
DUCT TURN	[Symbol]	EP	EXHAUST FAN
DUCT TURN	[Symbol]	EP	EXHAUST
DUCT TURN	[Symbol]	FC	FLEXIBLE CONNECTION
DUCT TURN	[Symbol]	FD	FIRE DAMPER
DUCT TURN	[Symbol]	G	GAS
DUCT TURN	[Symbol]	GA	GAS
DUCT TURN	[Symbol]	GM	GALVANIZED SHEET METAL
DUCT TURN	[Symbol]	HP	HORSEPOWER
DUCT TURN	[Symbol]	HW	DOMESTIC HOT WATER
DUCT TURN	[Symbol]	HWR	HEATING WATER RETURN
DUCT TURN	[Symbol]	HWS	HEATING WATER SUPPLY
DUCT TURN	[Symbol]	MA	MANUAL AIR VALVE
DUCT TURN	[Symbol]	MV	MANUAL VOLUME DAMPER WITH LOCKING DEVICE
DUCT TURN	[Symbol]	N	NEW
DUCT TURN	[Symbol]	OA	OUTSIDE AIR
DUCT TURN	[Symbol]	PA	PRESSURE RISE/ING VALVE
DUCT TURN	[Symbol]	RA	RETURN AIR
DUCT TURN	[Symbol]	RD	REFRIGERANT DISCHARGE
DUCT TURN	[Symbol]	RL	REFRIGERANT LIQUID
DUCT TURN	[Symbol]	RS	REFRIGERANT SUCTION
DUCT TURN	[Symbol]	RV	ROOF VENT
DUCT TURN	[Symbol]	SA	SUPPLY AIR
DUCT TURN	[Symbol]	SAT	SUPPLY AIR TEMPERATURE
DUCT TURN	[Symbol]	SP	SPLITTER DAMPER
DUCT TURN	[Symbol]	TYP	TYPICAL
DUCT TURN	[Symbol]	TVR	VENT THROUGH ROOF
DUCT TURN	[Symbol]	WB	WET BULL

GENERAL REVISIONS FEB. 5, 1975



MECHANICAL ROOF PLAN
 SCALE 1/32" = 1'-0"

SOUND TRAPS (SEE BID FORM)
 ALL ROOF MOUNTED AIR HANDLING UNITS ON BUILDINGS A, B, AND E (INCLUDING THE THEATER) SHALL BE PROVIDED WITH SOUND TRAPS PLACED BETWEEN THE OUTSIDE AIR INTAKE AND THE UNIT. EACH SOUND TRAP SHALL PROVIDE AN AVERAGE BAND ATTENUATION OF 30 dba.



HEAT EXCHANGER SCHEDULE

NO.	MAKE	MODEL	TYPE	SIZE	WATER	STEAM	COND.	WATER	STEAM	COND.
-----	------	-------	------	------	-------	-------	-------	-------	-------	-------

SEE SHEET FOR MECHANICAL SCHEDULE AND AIR INTAKE

AJAX WFB 4500

VCB
EBB
1510

EQUIPMENT SYMBOL
 PROPELLER FAN SHALL BE COMPLETE WITH RING LOCKER, BACK BRACKET AND REVERSE SWITCH. THE FAN SHALL HAVE CAST ALUMINUM PROPELLERS, EXPOSED ALUMINUM HOUSING AND MANUFACTURER'S YEAR MARKING. UNLESS SPECIFIED OTHERWISE, FAN SHALL BE MODEL AND AS BUILT AS REQUIRED.

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26 1/2

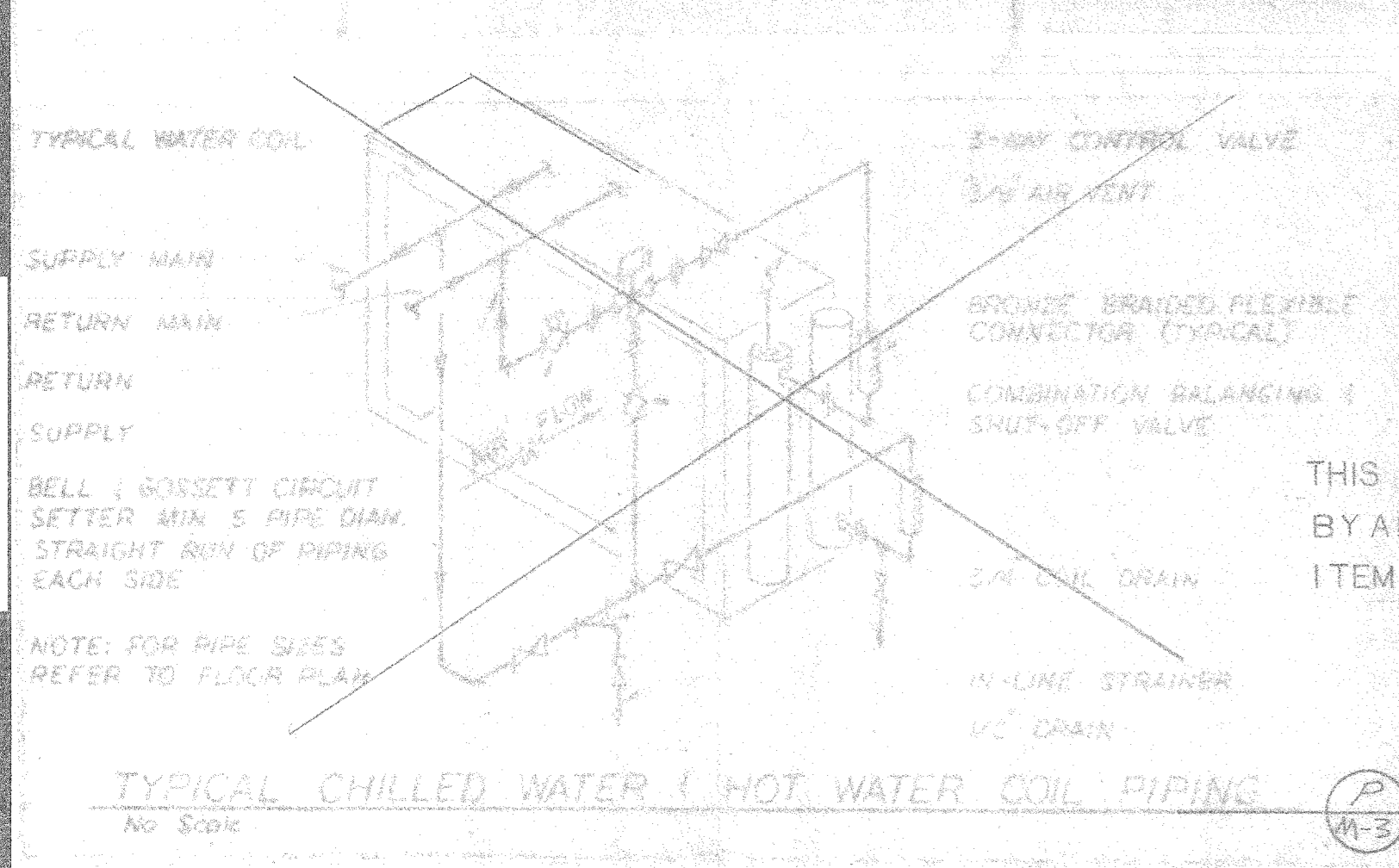
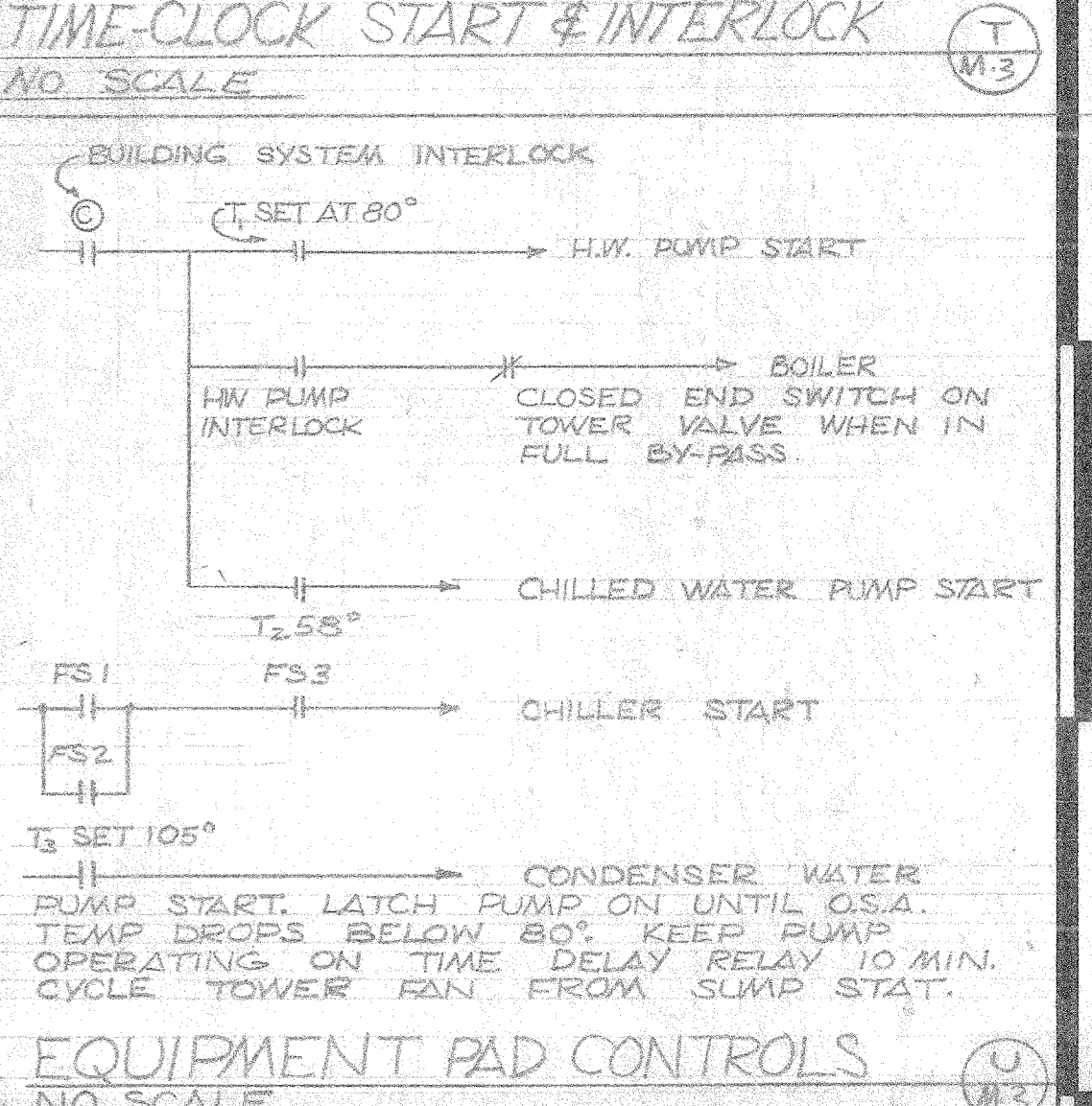
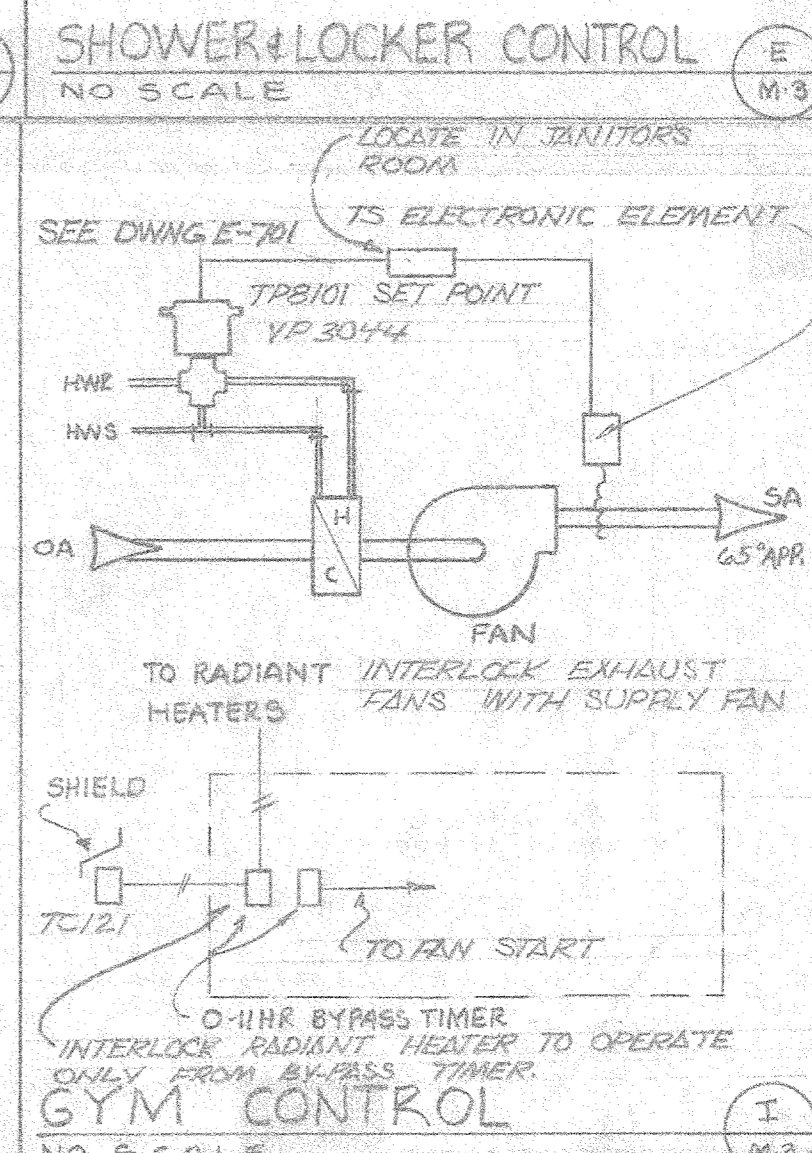
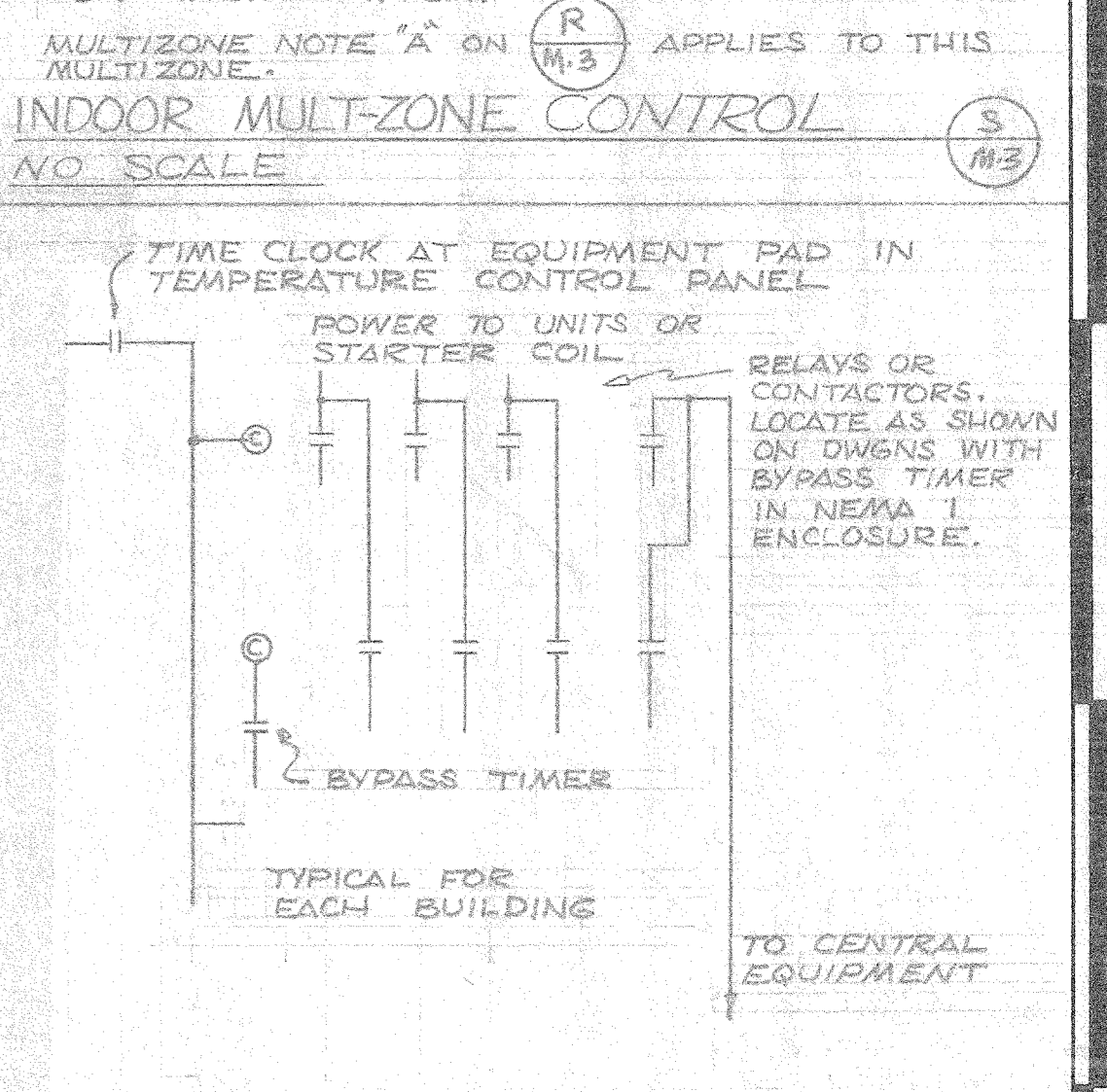
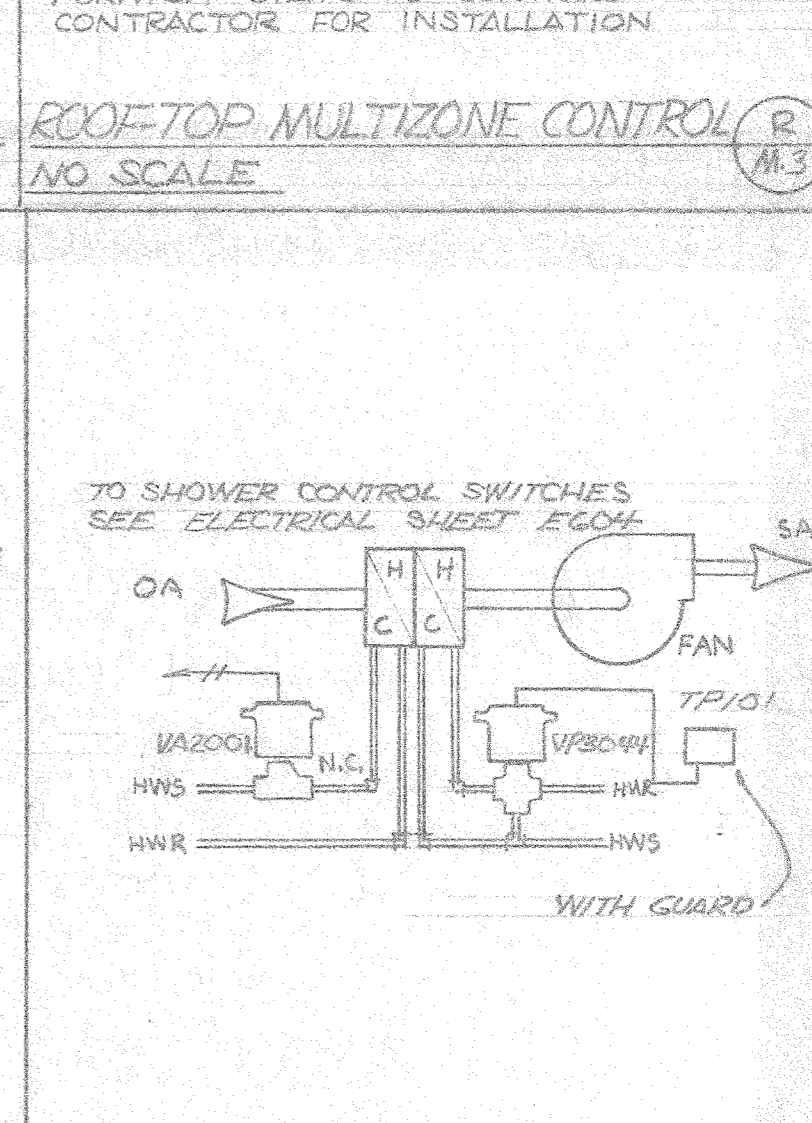
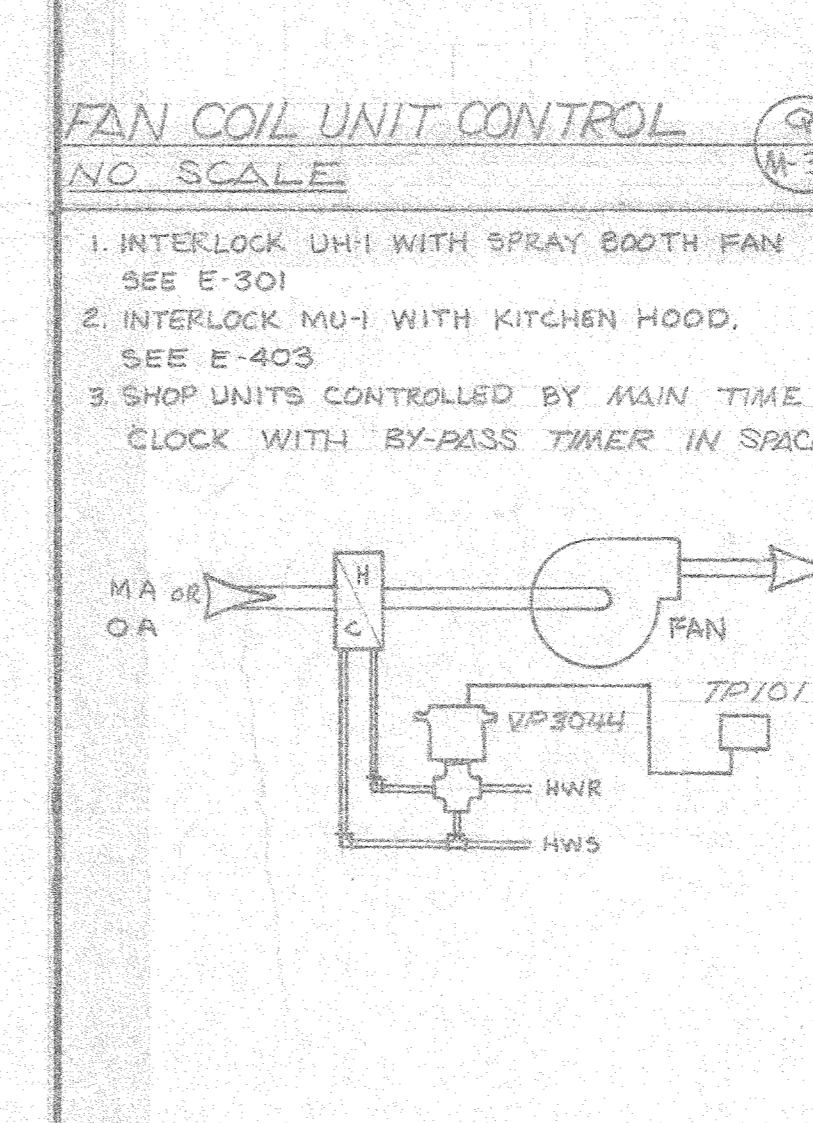
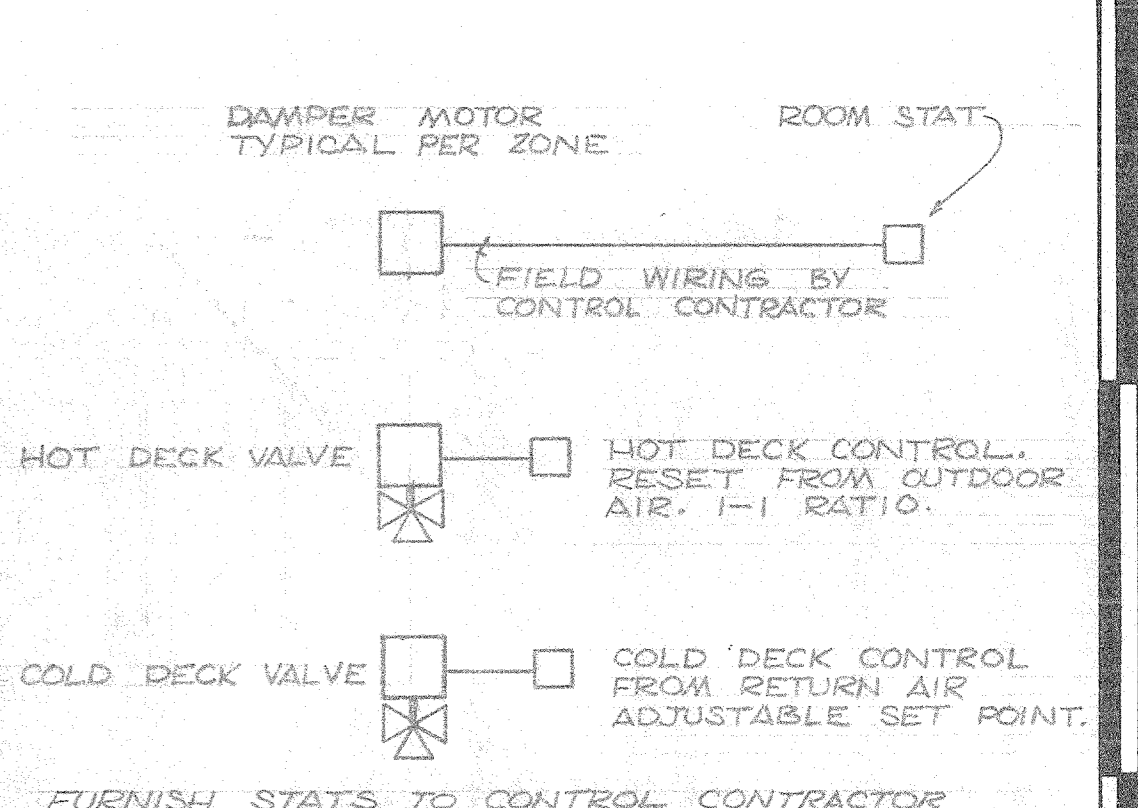
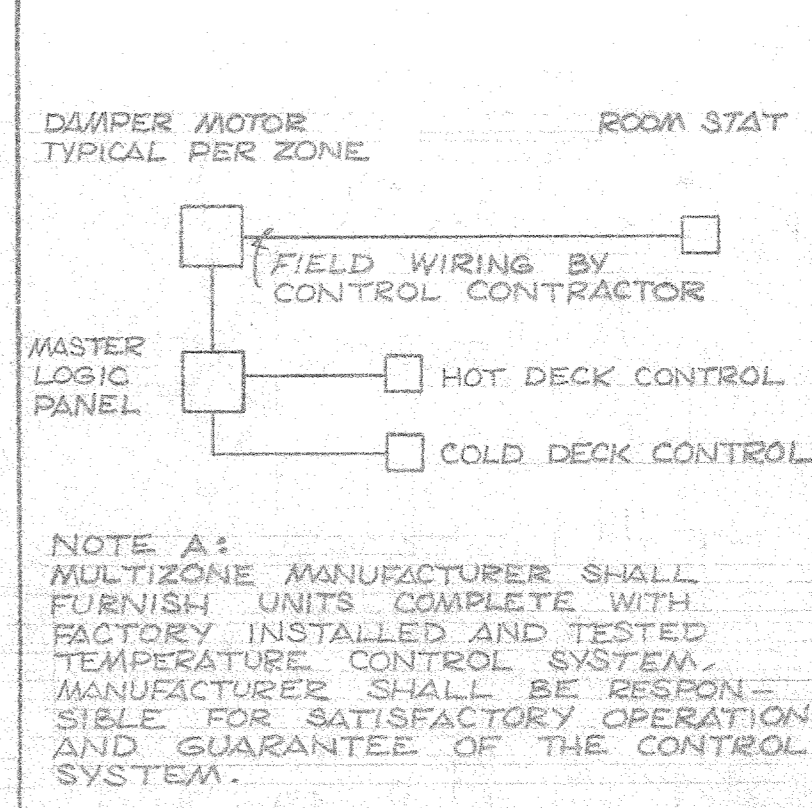
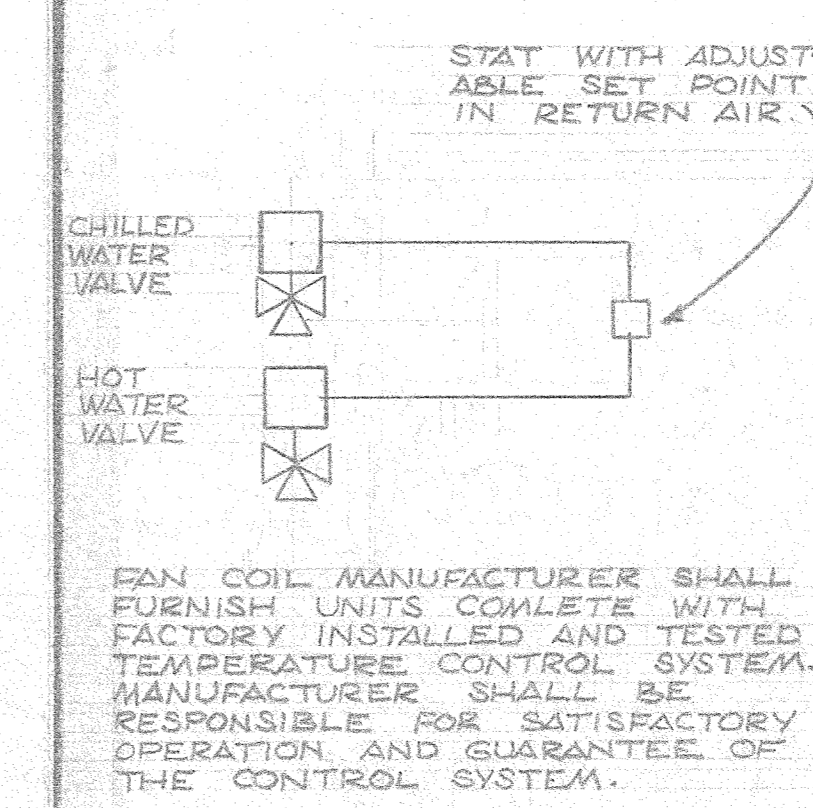
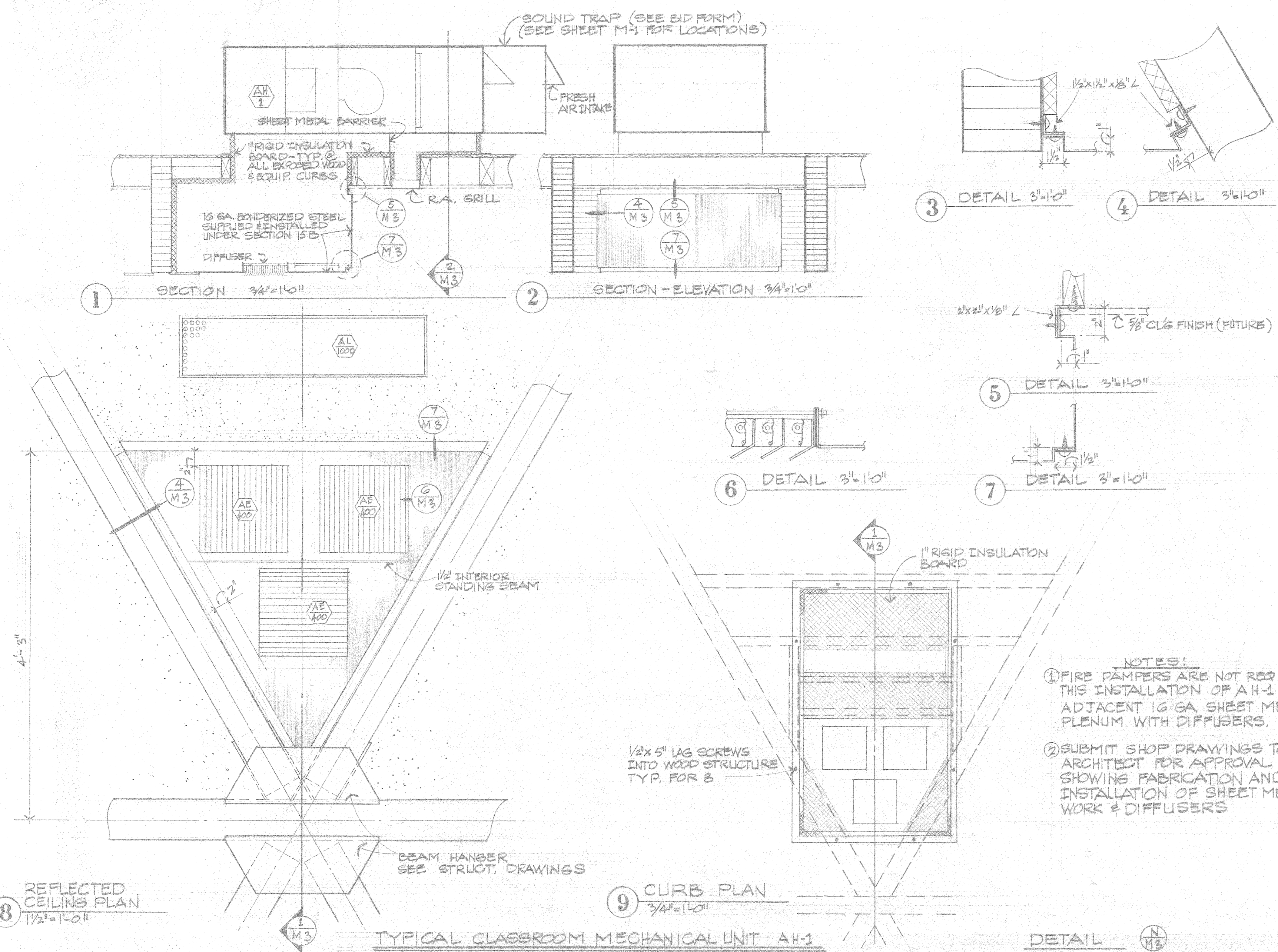
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Air Dync	111022		
Air Dync	111022		
ZINK	RAH061204	640	2
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ZINK	RAH060783	740	1
Air Dync	PH125		
Air Dync	AH125		
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ZINK	RAH060343	650	1
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Air Dync	AH210		
Air Dync	AH175		
Air Dync	MW140		

ZINK	RAH060293	1020	1
ZINK	RAH060783	740	1

HERZIG CORP.
 AS-BUILT 12/29/76
 JB

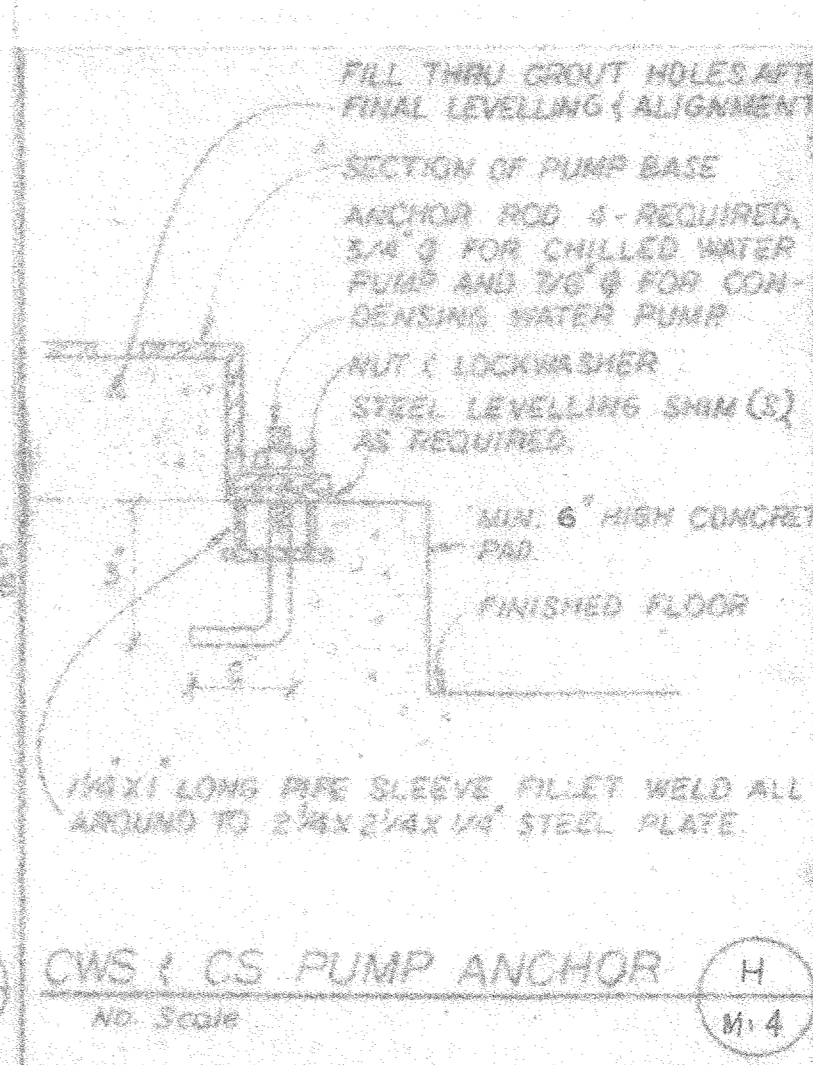
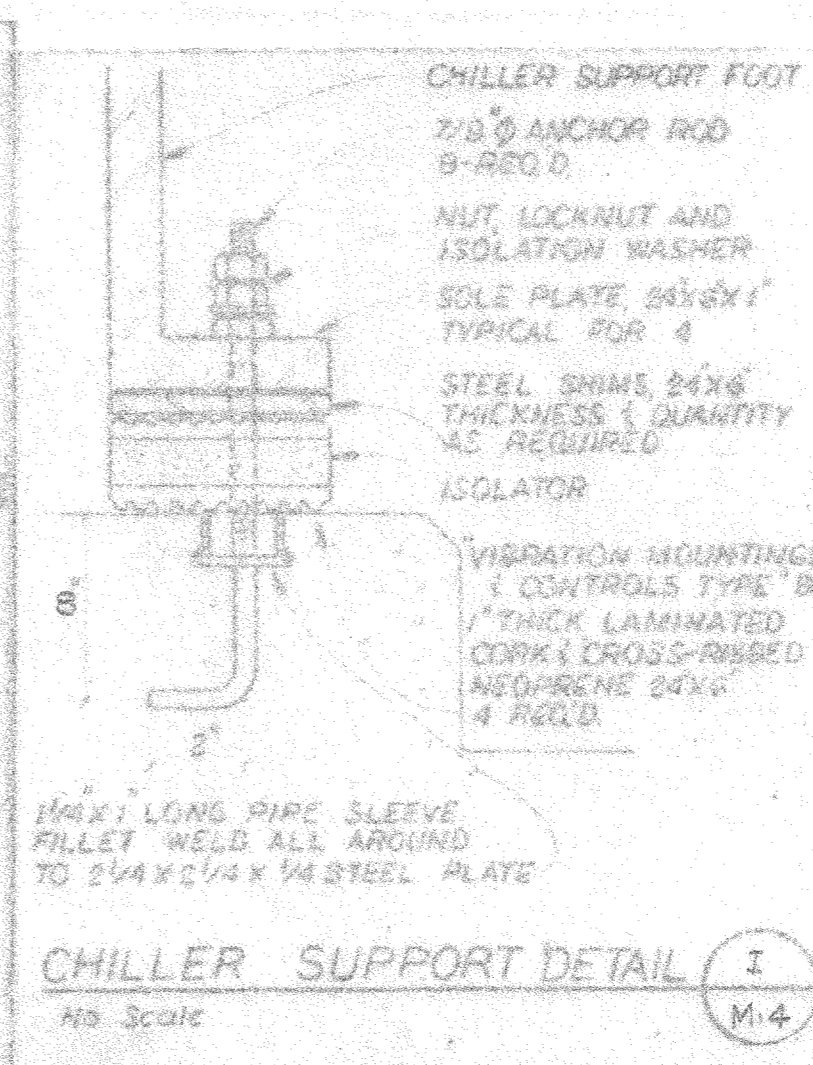
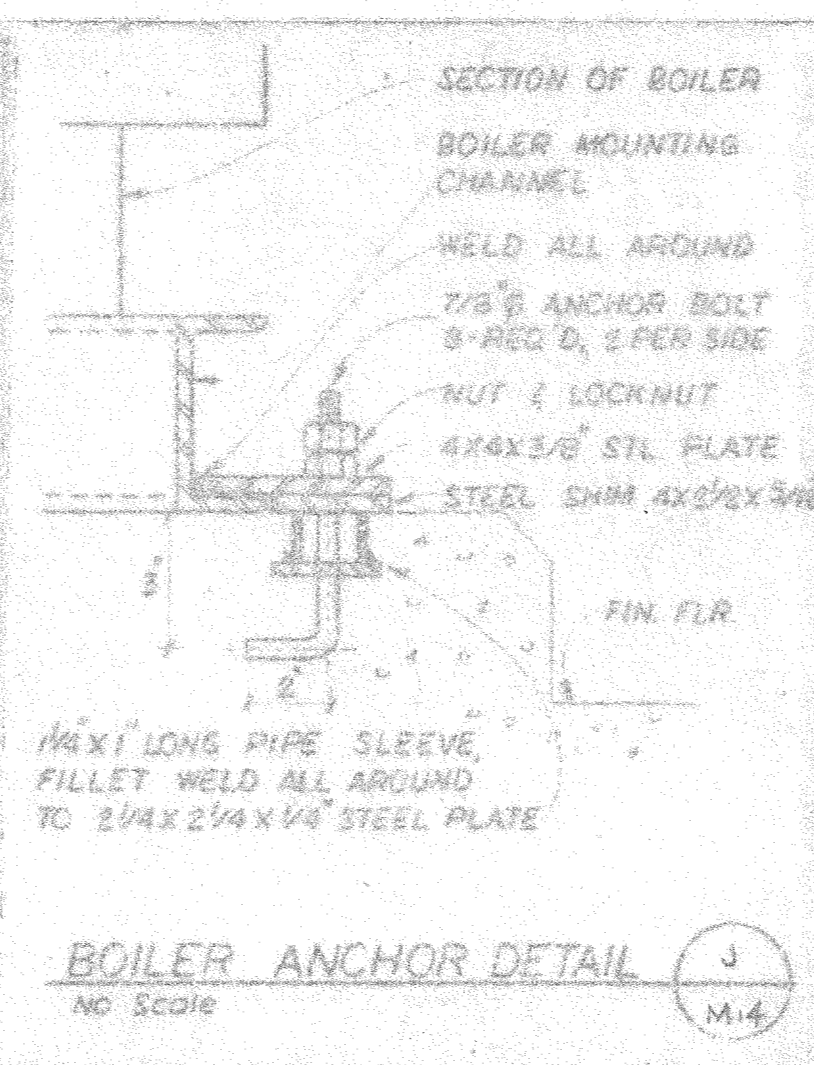
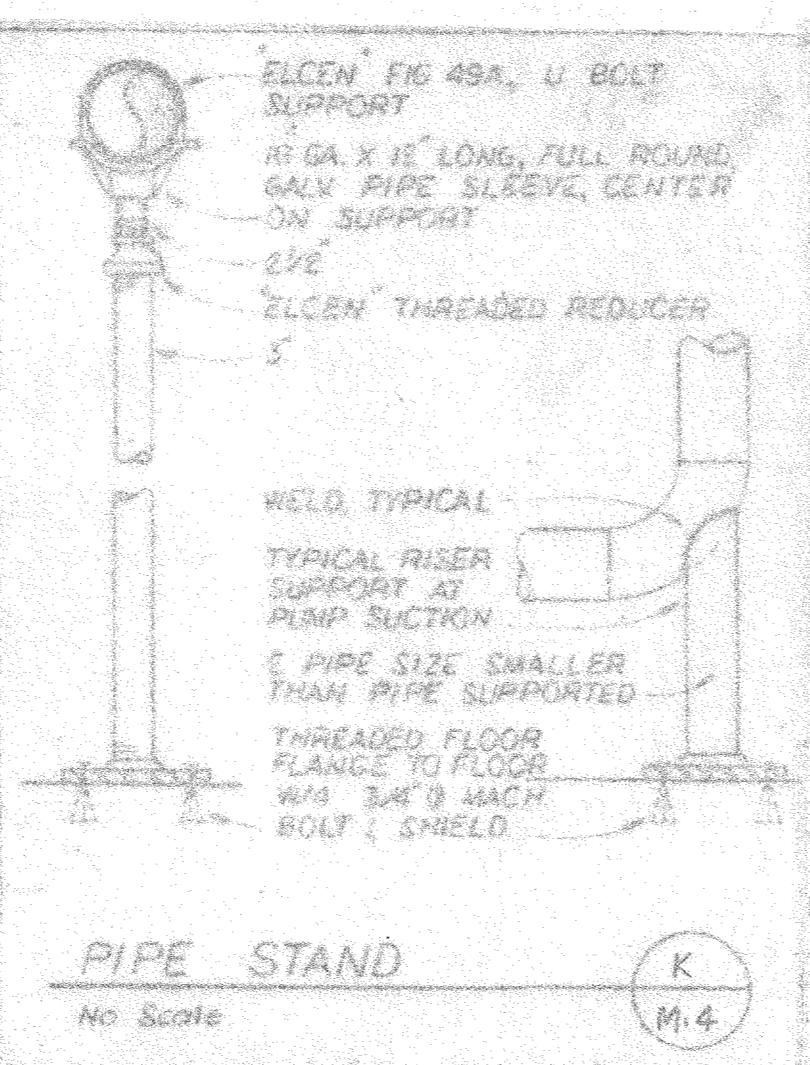
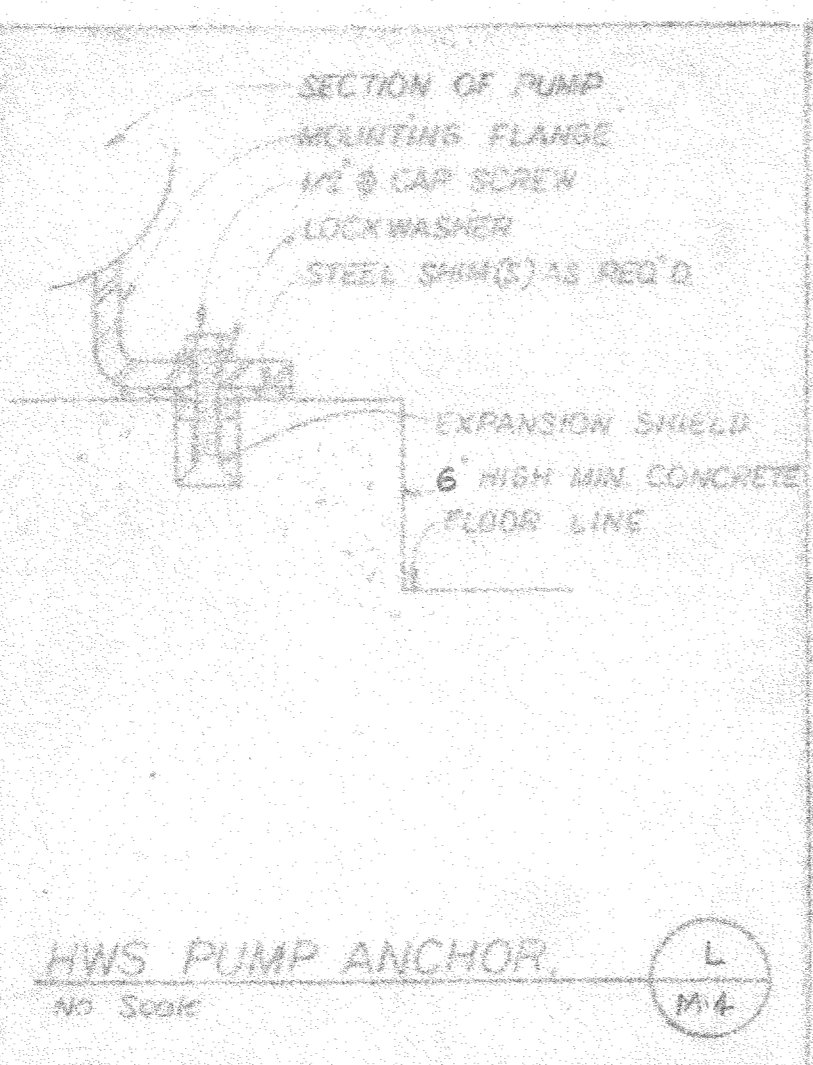
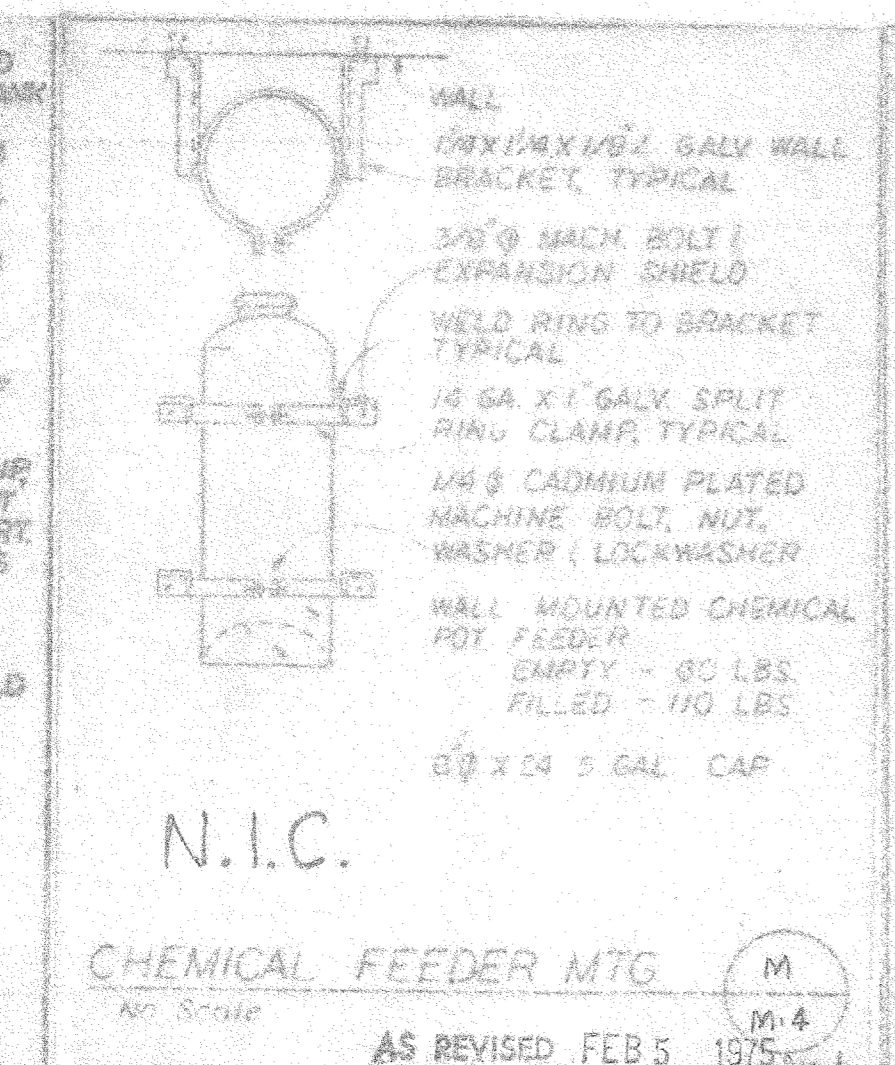
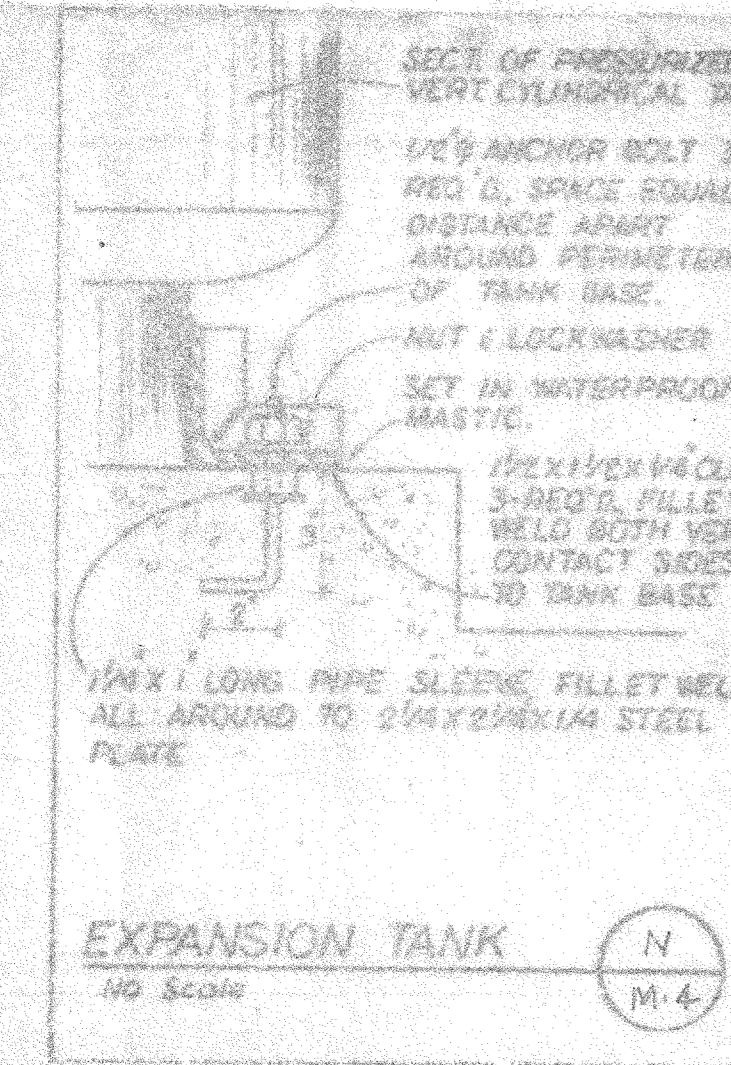
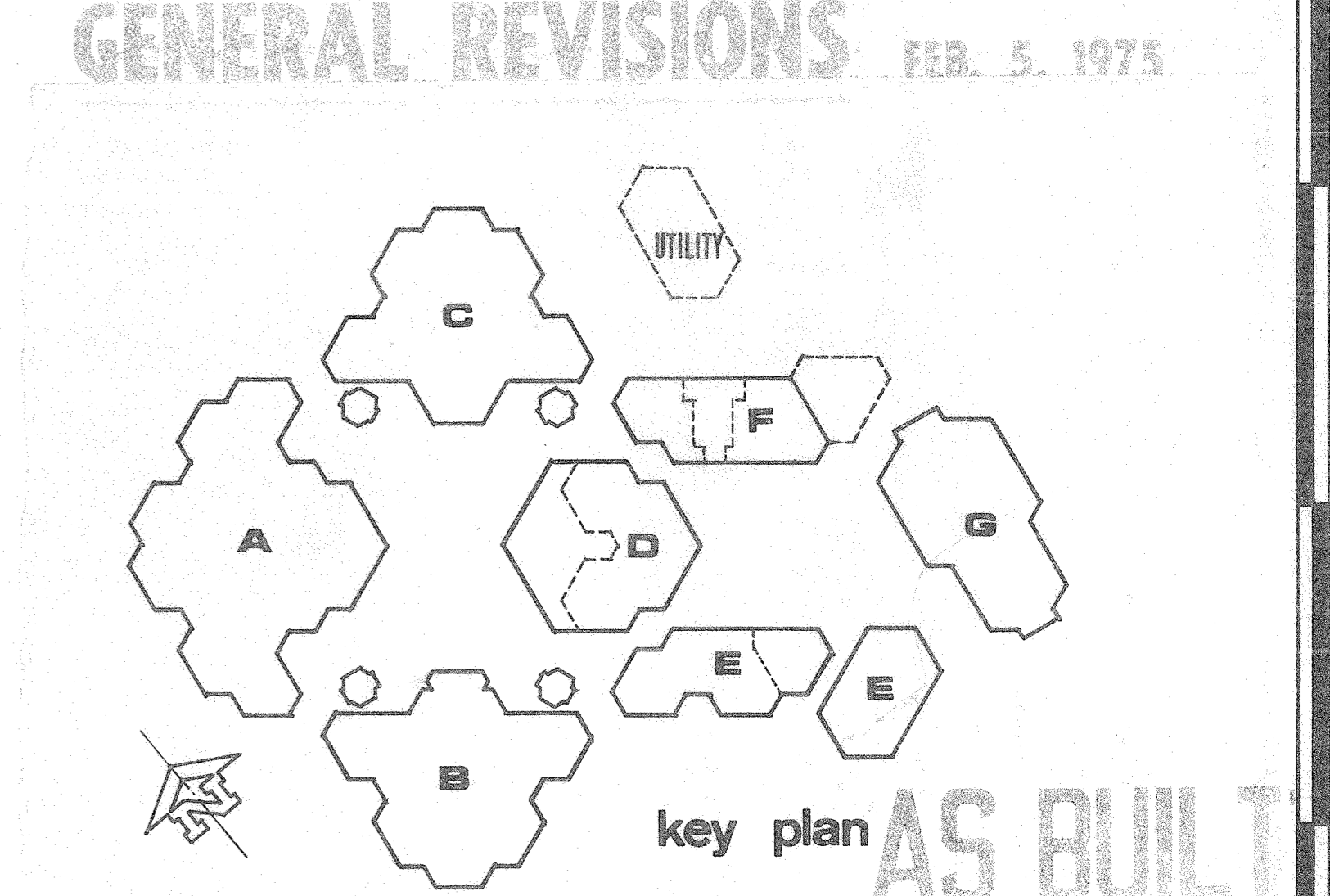
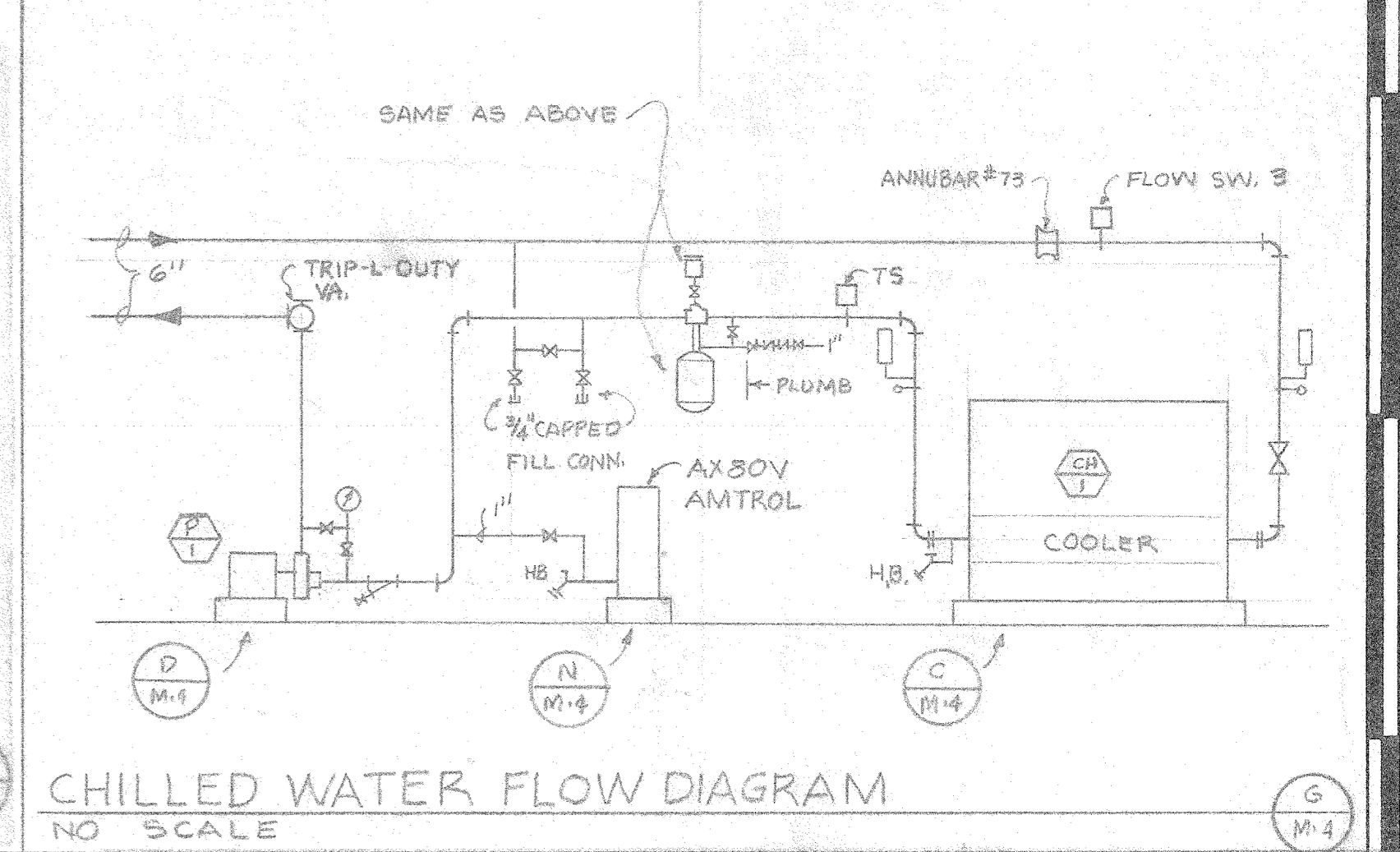
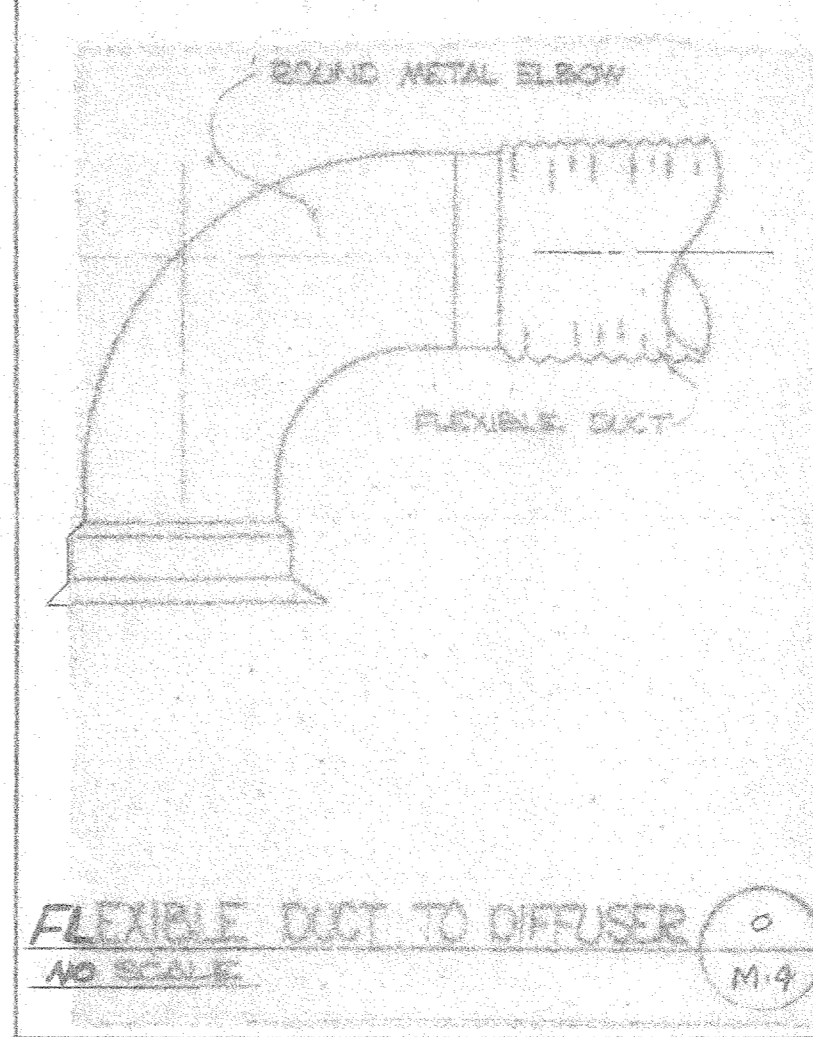
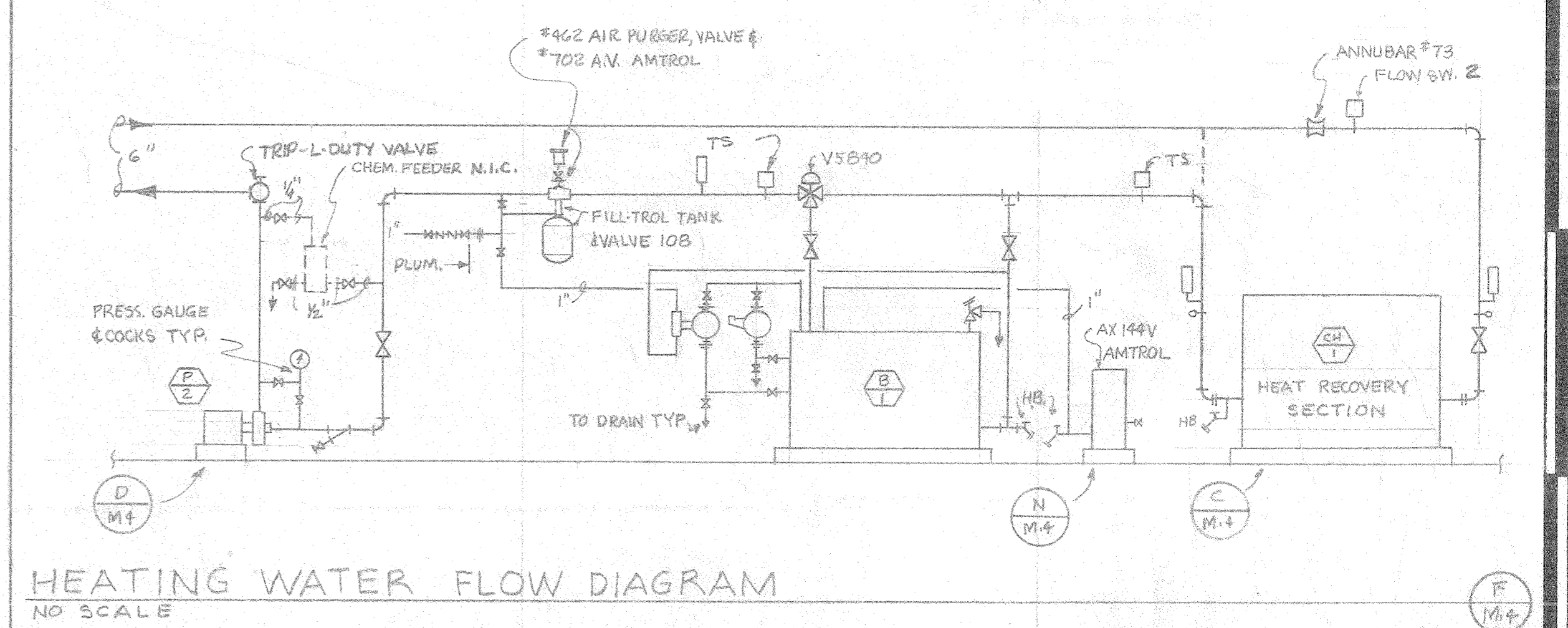
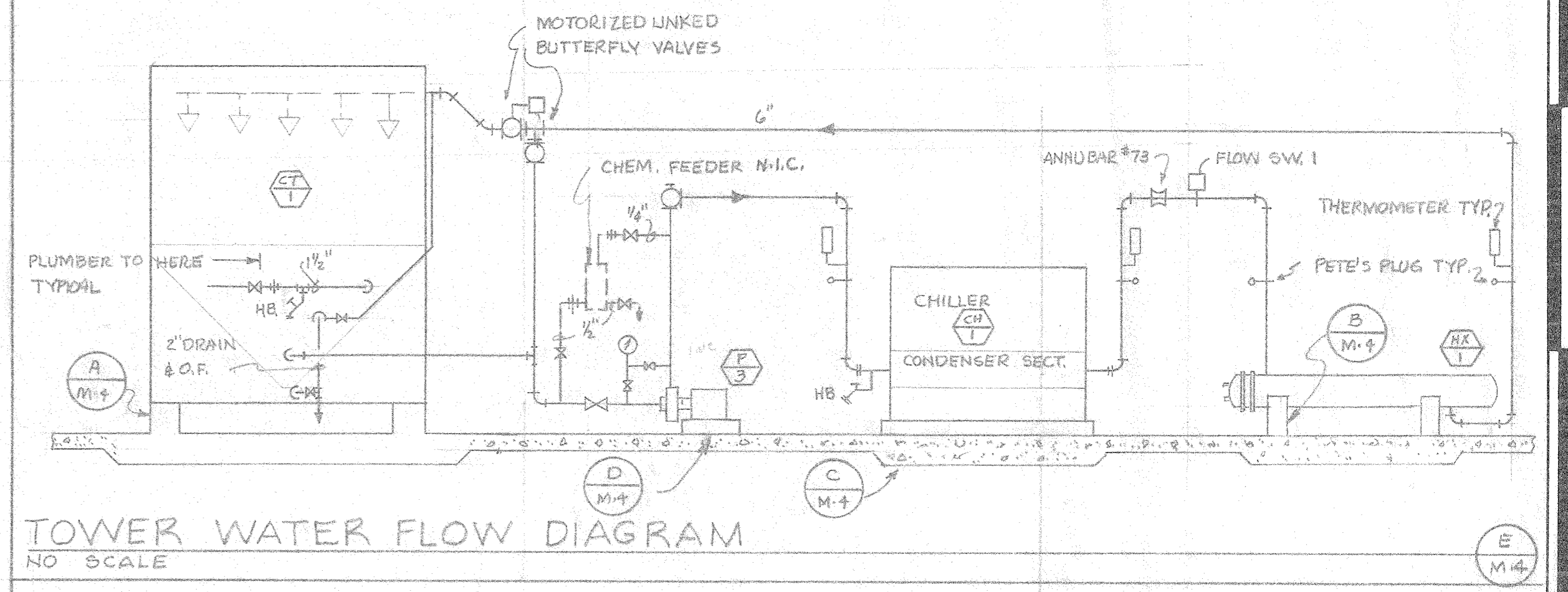
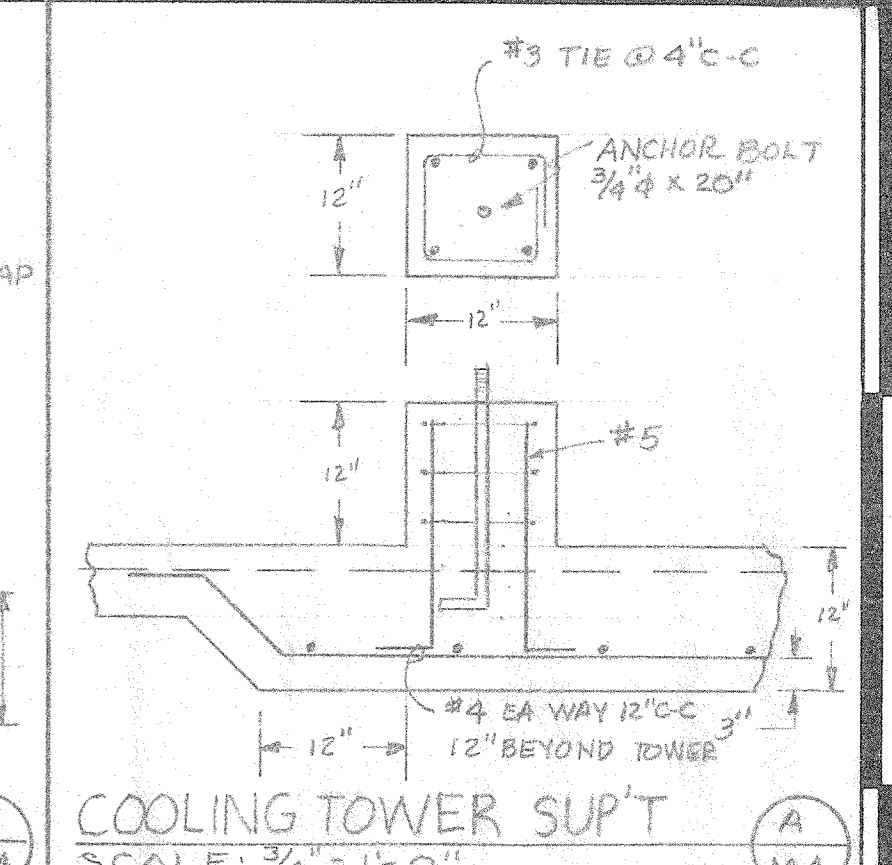
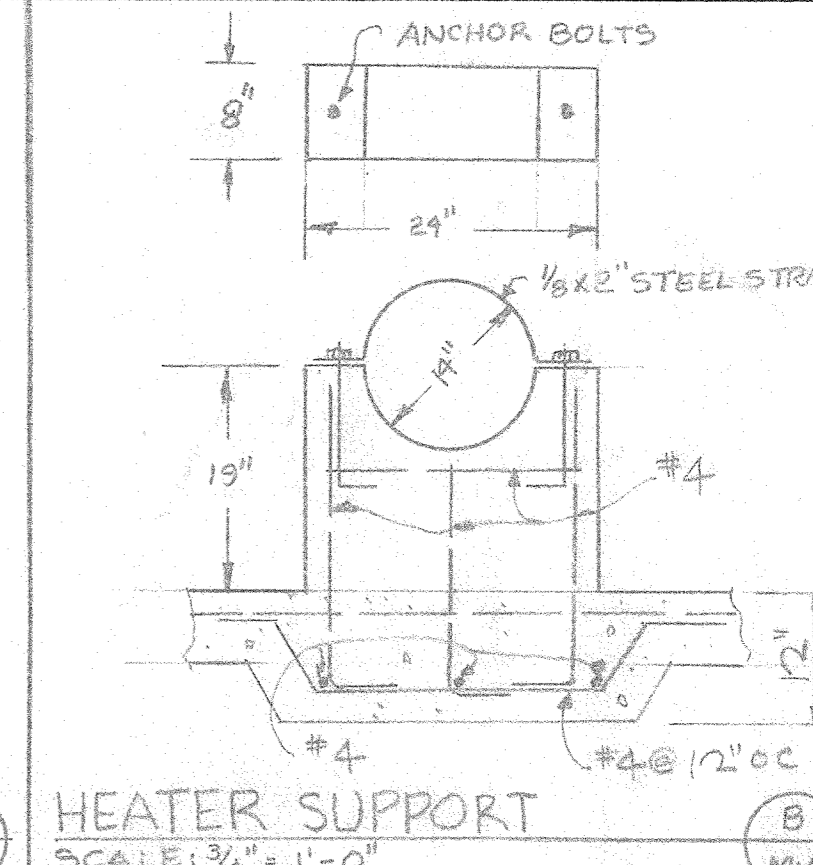
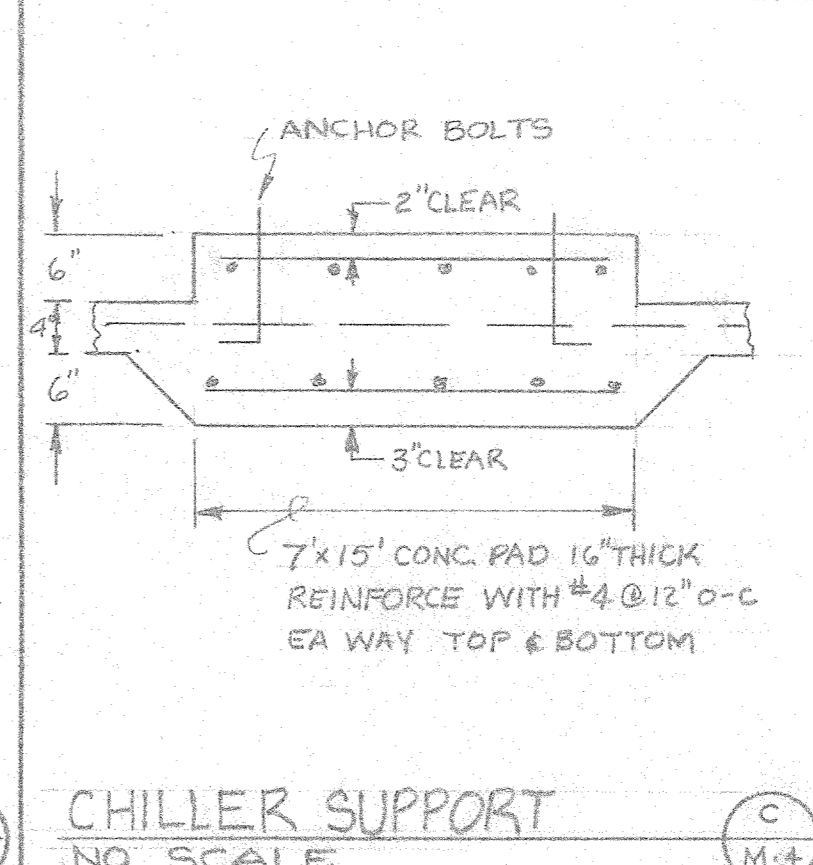
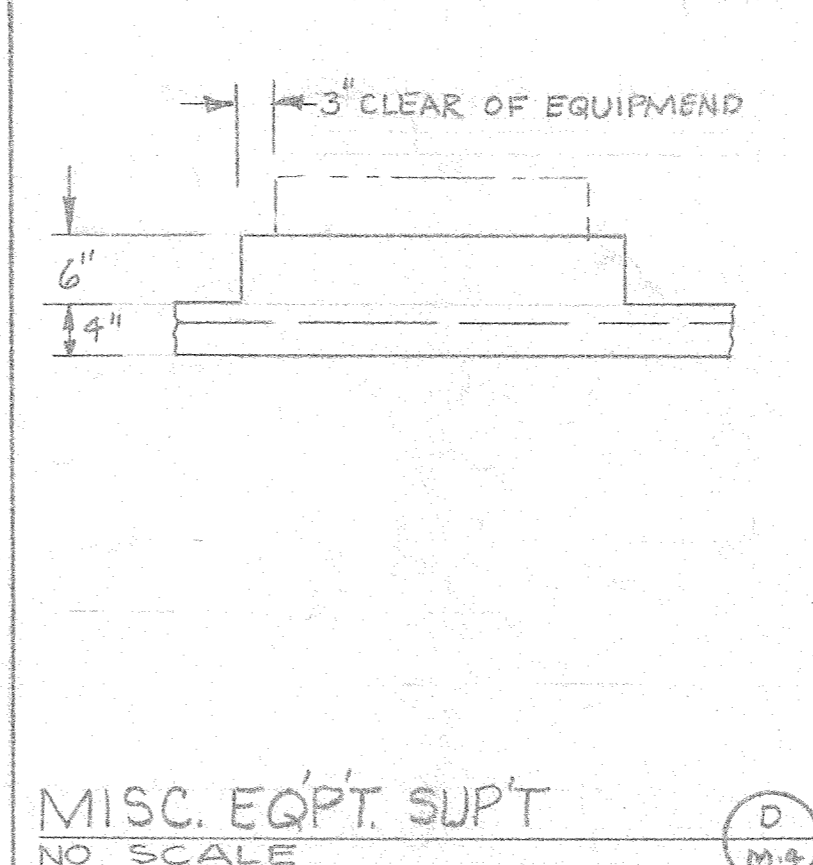
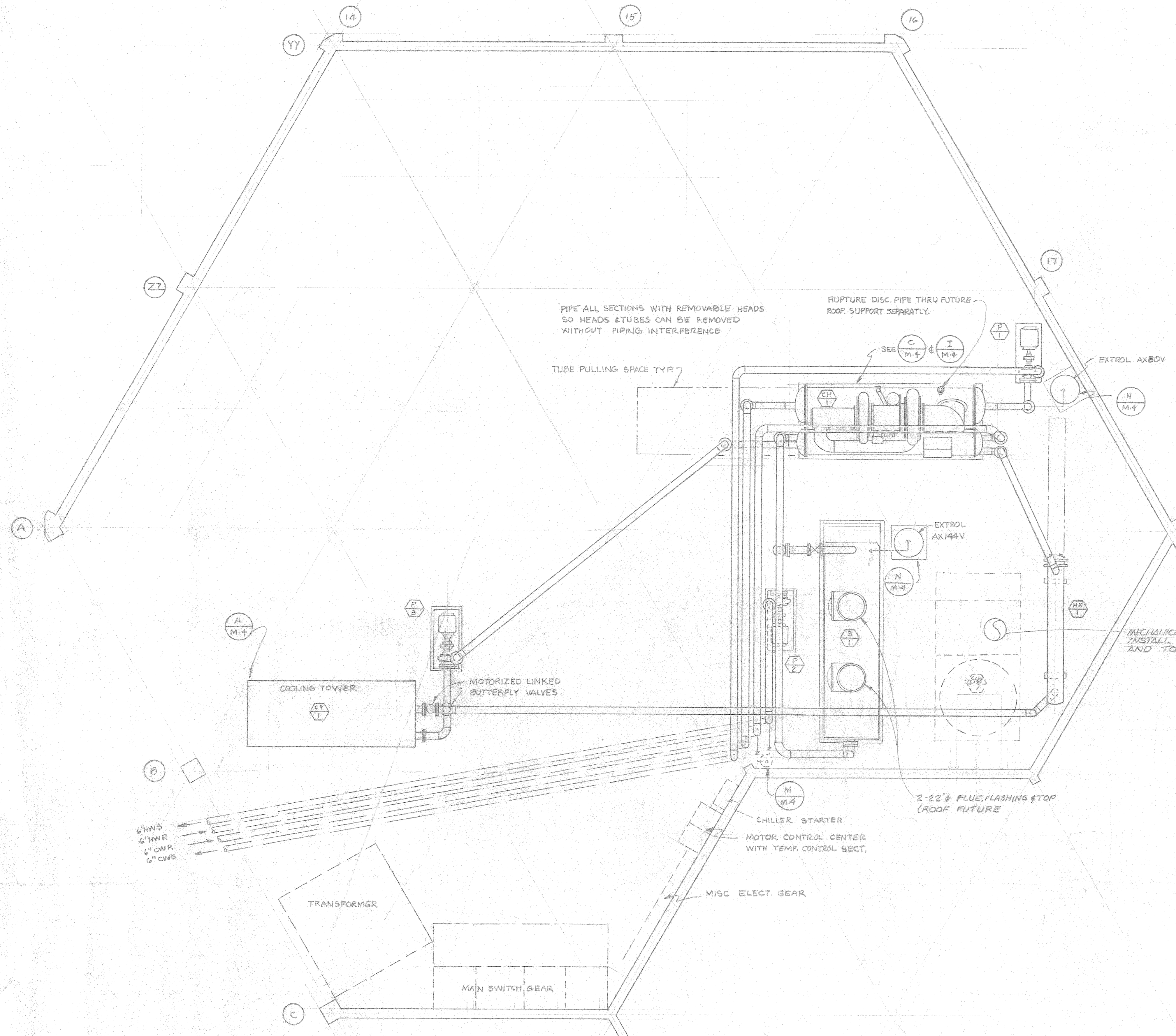
AS BUILT

Circulating Air, Inc.
 As-built
 12-20-76
 Dates: mclm

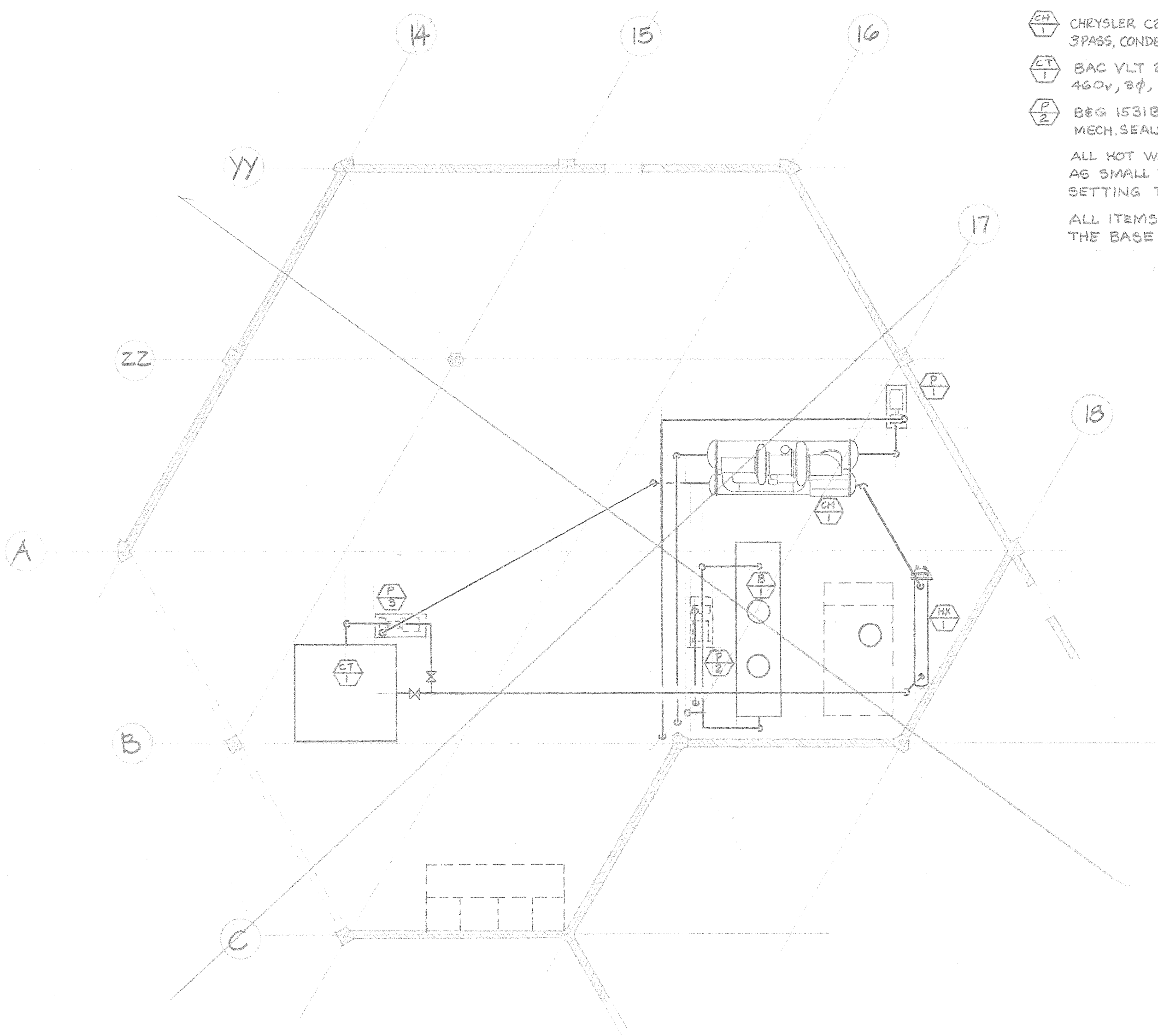


THIS DETAIL DELETED BY ADDENDUM #A-1 ITEM 10

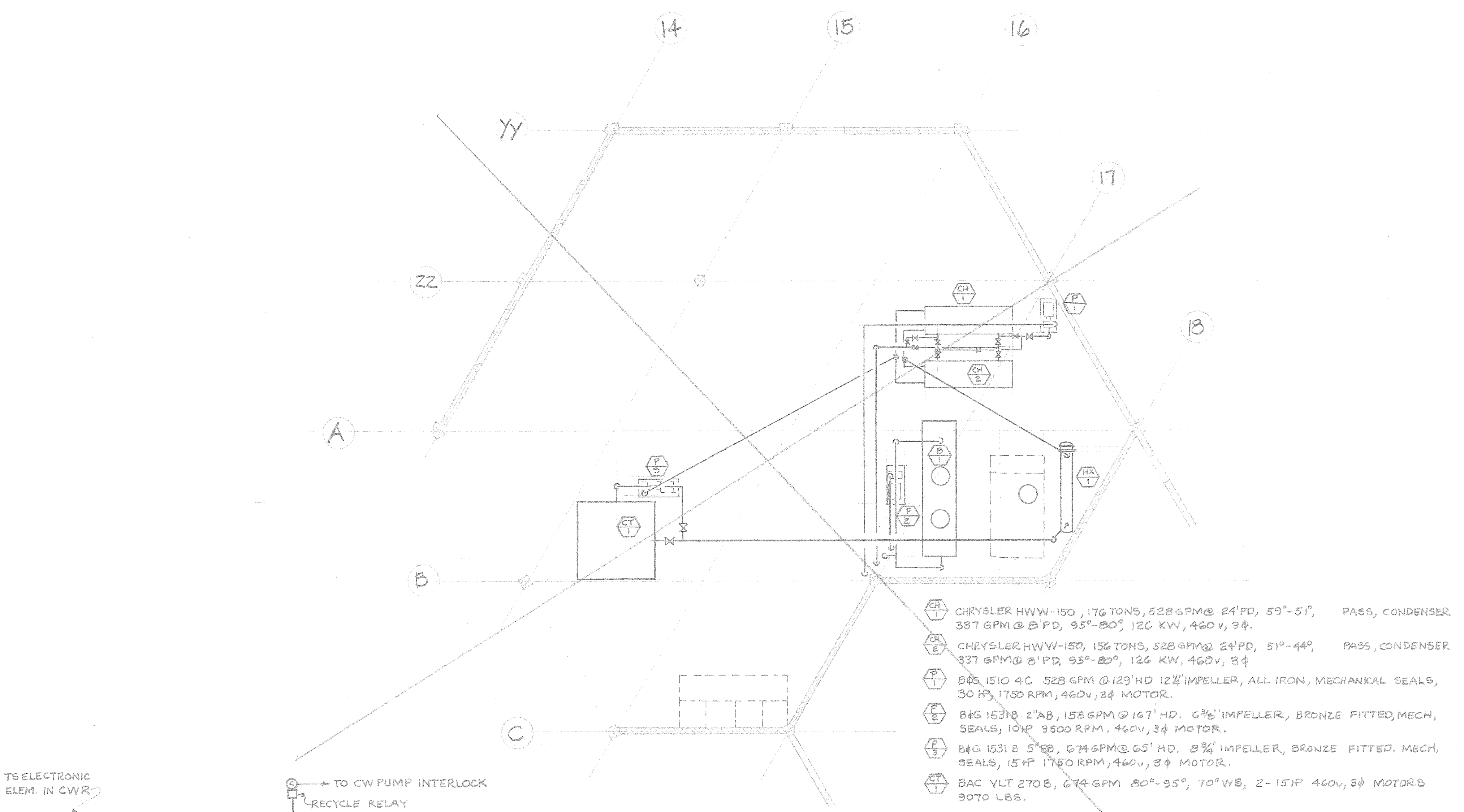
GENERAL REVISIONS FEB. 5, 1975 AS BUILT



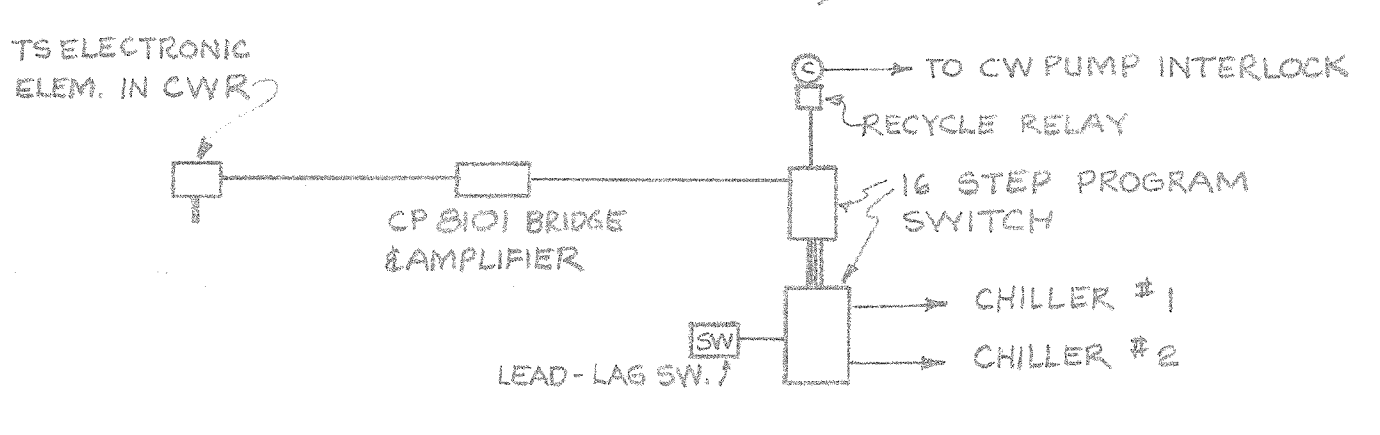
- ① CHRYSLER CODE 349, 332 TONS, 876 KW, 531 GPM @ 24' PD 49°-59° 3PASS, CONDENSER 540 GPM @ 27' PD 80°-97° 3PASS, 460V, 3φ, 385 PLA
 - ② BAC VLT 245 B, 540 GPM 80°-97°, 70°WB, 2-10HP MOTORS 460V, 3φ, 3850 LBS.
 - ③ B&G 1531 B, 158 GPM @ 167' HD, 2" AB, 6 3/8" IMPELLER, BR FITTED, MECH. SEALS, 10HP 3500 RPM 460V, 3φ MOTOR.
- ALL HOT WATER COILS ARE TO BE CHANGED TO 1 ROW 8FIN & AS SMALL TUBE POSSIBLE (3/8" OR 1/2"). CHANGE BOILER SETTING TO 220° LEAVING AND 140° RETURN.
- ALL ITEMS NOT SPECIFICALLY CHANGED ARE THE SAME AS ON THE BASE BID.



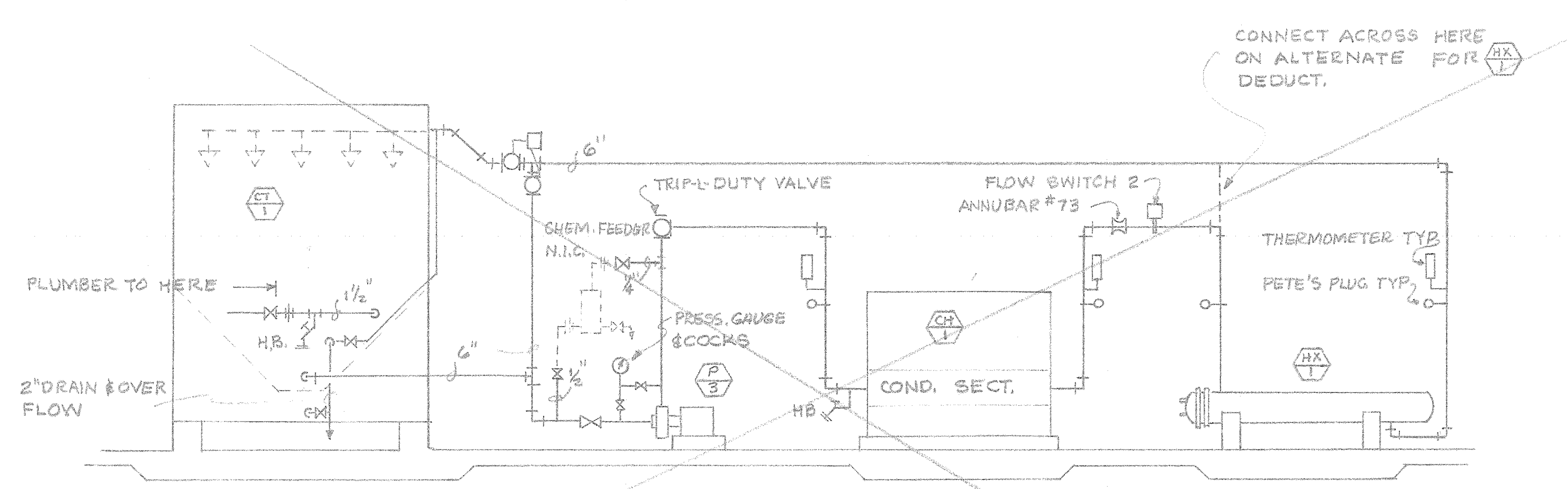
SINGLE CHILLER % HEAT RECOVERY EQUIPMENT PAD LAYOUT
SCALE: 1/8" = 1'-0"



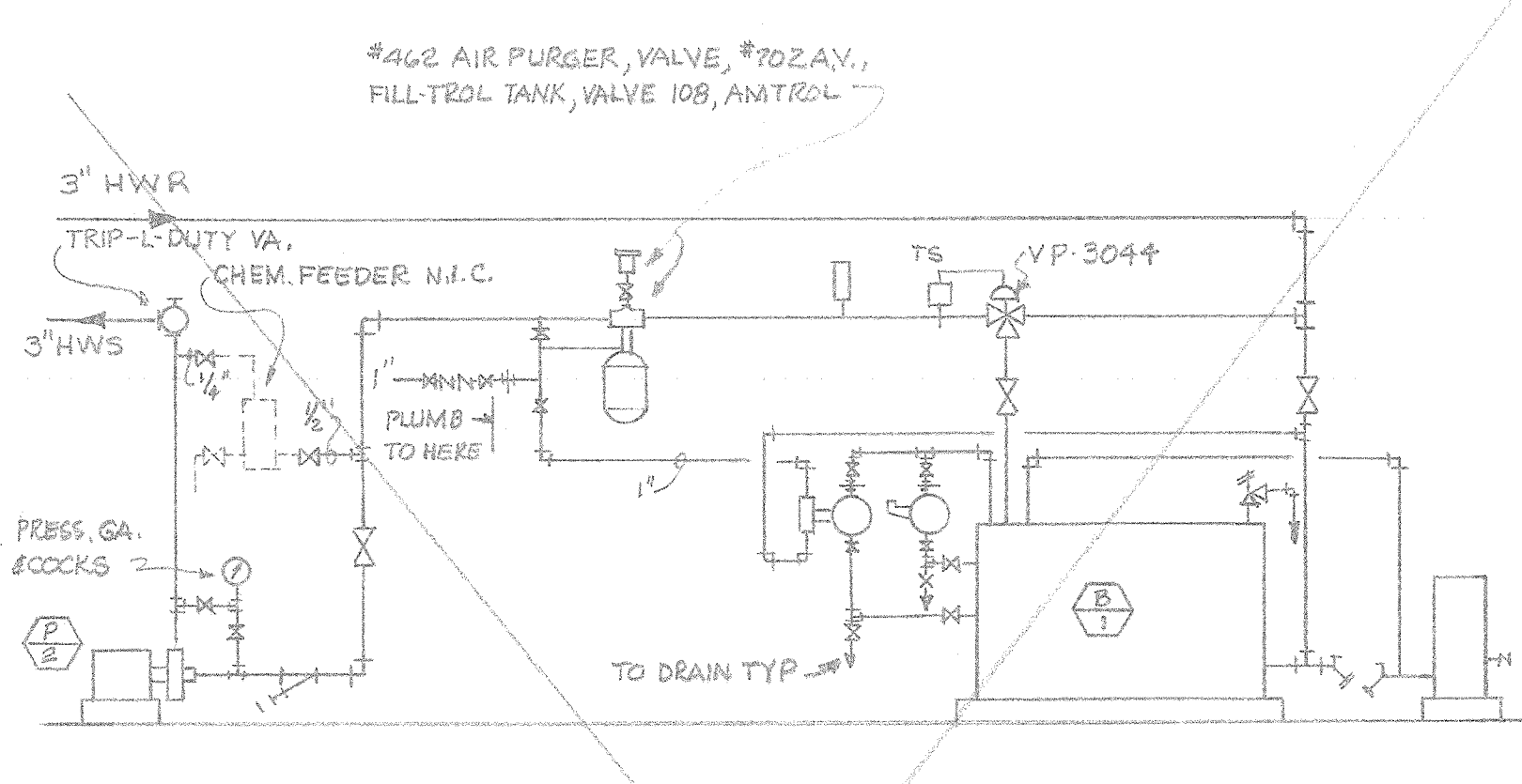
- ④ CHRYSLER HWW-150, 176 TONS, 528 GPM @ 24' PD, 59°-51° 3PASS, CONDENSER 357 GPM @ 23' PD, 95°-80° 12C KW, 460V, 3φ.
 - ⑤ CHRYSLER HWW-150, 156 TONS, 528 GPM @ 24' PD, 51°-44° 3PASS, CONDENSER 337 GPM @ 23' PD, 95°-80° 12C KW, 460V, 3φ.
 - ⑥ B&G 1510 4C 528 GPM @ 123' HD 12" IMPELLER, ALL IRON, MECHANICAL SEALS, 30 HP, 1750 RPM, 460V, 3φ MOTOR.
 - ⑦ B&G 1531 B 2" AB, 158 GPM @ 167' HD, 6 3/8" IMPELLER, BRONZE FITTED, MECH. SEALS, 10HP 3500 RPM, 460V, 3φ MOTOR.
 - ⑧ B&G 1531 B 5" AB, 674 GPM @ 65' HD, 8 3/8" IMPELLER, BRONZE FITTED, MECH. SEALS, 15HP 1750 RPM, 460V, 3φ MOTOR.
 - ⑨ BAC VLT 270 B, 674 GPM 80°-95°, 70°WB, 2-15HP 460V, 3φ MOTORS 9070 LBS.
- ALL HOT WATER COILS ARE TO BE CHANGED TO 1 ROW 8FIN & AS SMALL TUBE AS POSSIBLE (3/8" OR 1/2"). CHANGE BOILER SETTING TO 220° LEAVING AND 140° RETURN.
- ALL ITEMS NOT SPECIFICALLY CHANGED ARE THE SAME AS ON THE BASE BID.



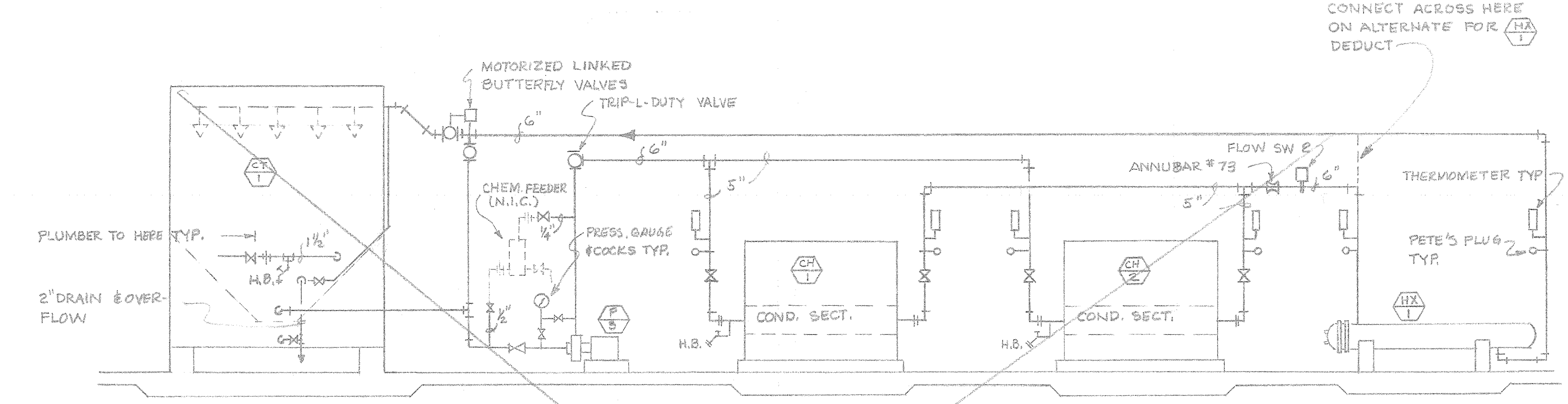
DUAL CHILLER % HEAT RECOVERY EQUIPMENT PAD LAYOUT
SCALE: 1/8" = 1'-0"



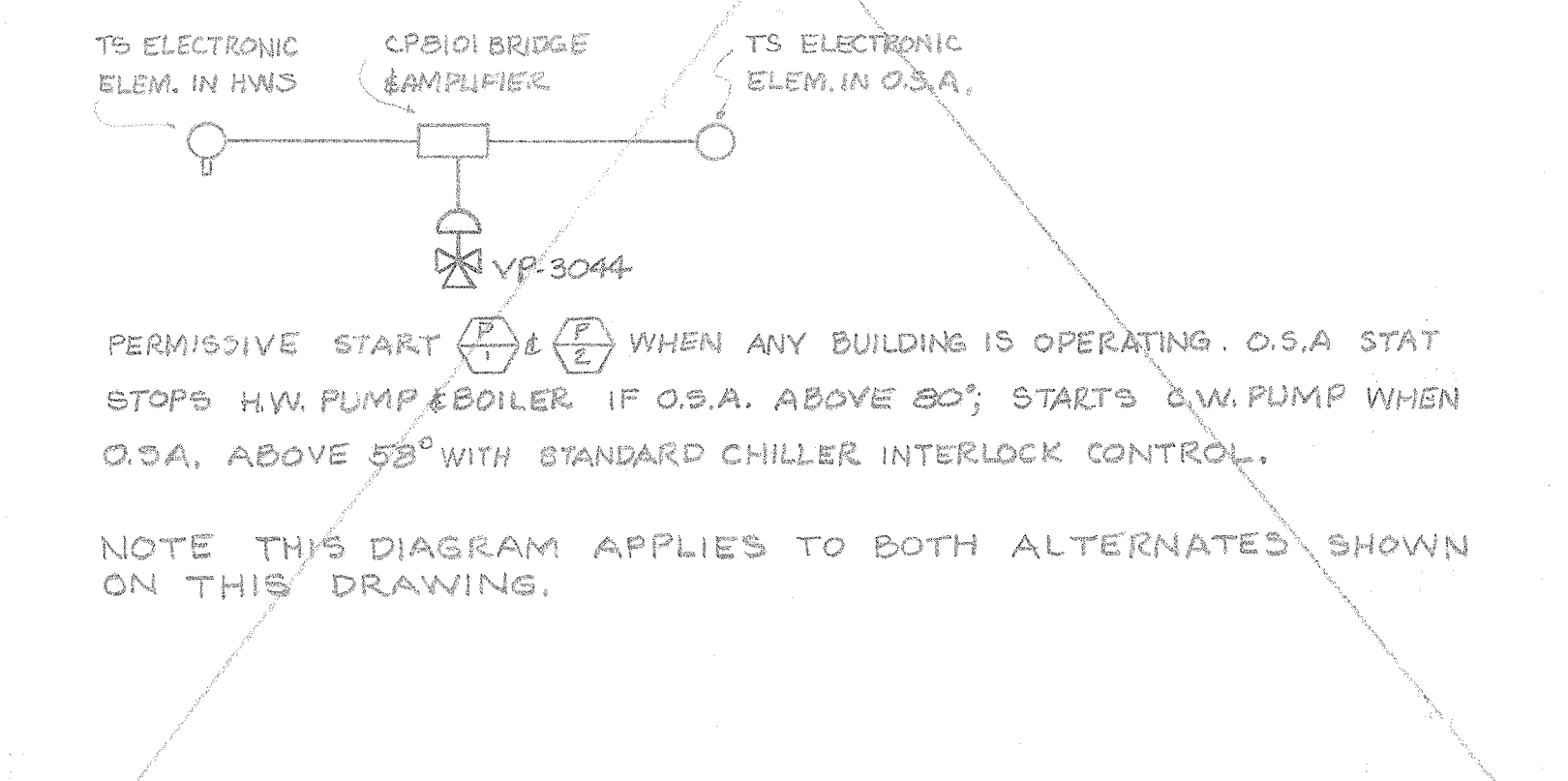
SINGLE CHILLER % HEAT RECOVERY TOWER WATER FLOW DIAGRAM
NO SCALE



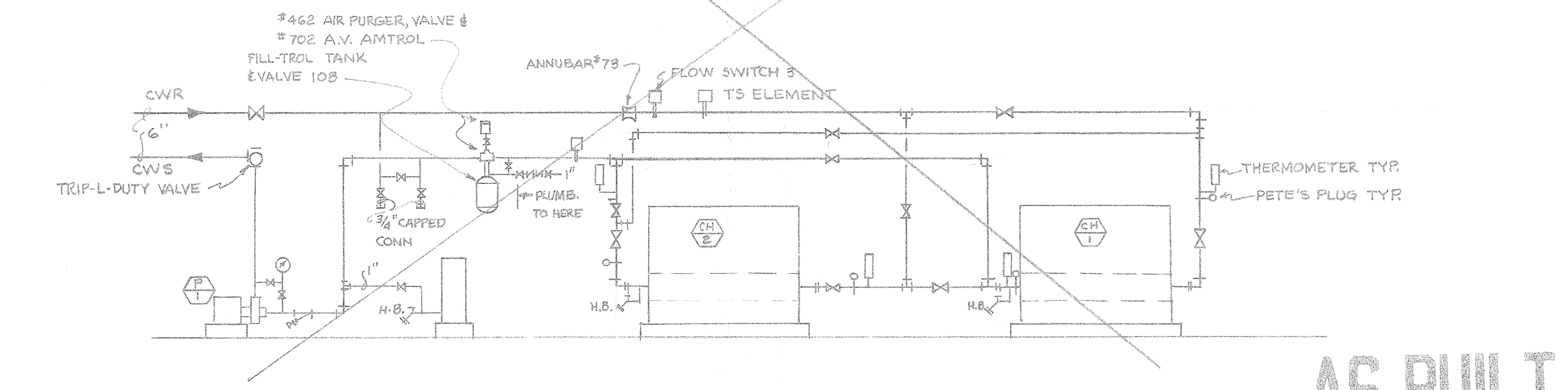
220°-140° HEATING WATER FLOW DIAGRAM
NO SCALE



DUAL CHILLER % HEAT RECOVERY TOWER WATER FLOW DIAGRAM
NO SCALE



220°-140° HEATING WATER FLOW DIAGRAM
NO SCALE



DUAL CHILLER % HEAT RECOVERY CHILLED WATER FLOW DIAGRAM
NO SCALE

AS BUILT

NOTE: THE LAST UNIT ON EACH RUNOUT SHALL HAVE 3WAY VALVES, THE OTHERS IN THE RUN SHALL HAVE 2WAY VALVES TYPICAL HOT & CHILLED WATER



HOT WATER SYSTEM

CHILLED WATER SYSTEM

AS BUILT

DATE DRAWN 5 FEB 75	APPROVED STATE FIRE MARSHAL STATE OF CALIFORNIA FEB 3 1975
DRAWN BY	BY CS
CHECKED BY	
REVISION DATE	

INCREMENTAL APPROVAL
FOUNDATION & FRAME ONLY

STATE OF CALIFORNIA - DEPARTMENT OF STATE SERVICES
OFFICE OF ARCHITECTURAL AND CONSTRUCTION

37545 APPROVED FEB 5 1975

BY DR. YOUNG

P. R. MCCOY & ASSOC.
CONSULTING ENGINEERS
507 BROADWAY
SAN JOSE, CA 95128
(408) 251-9700

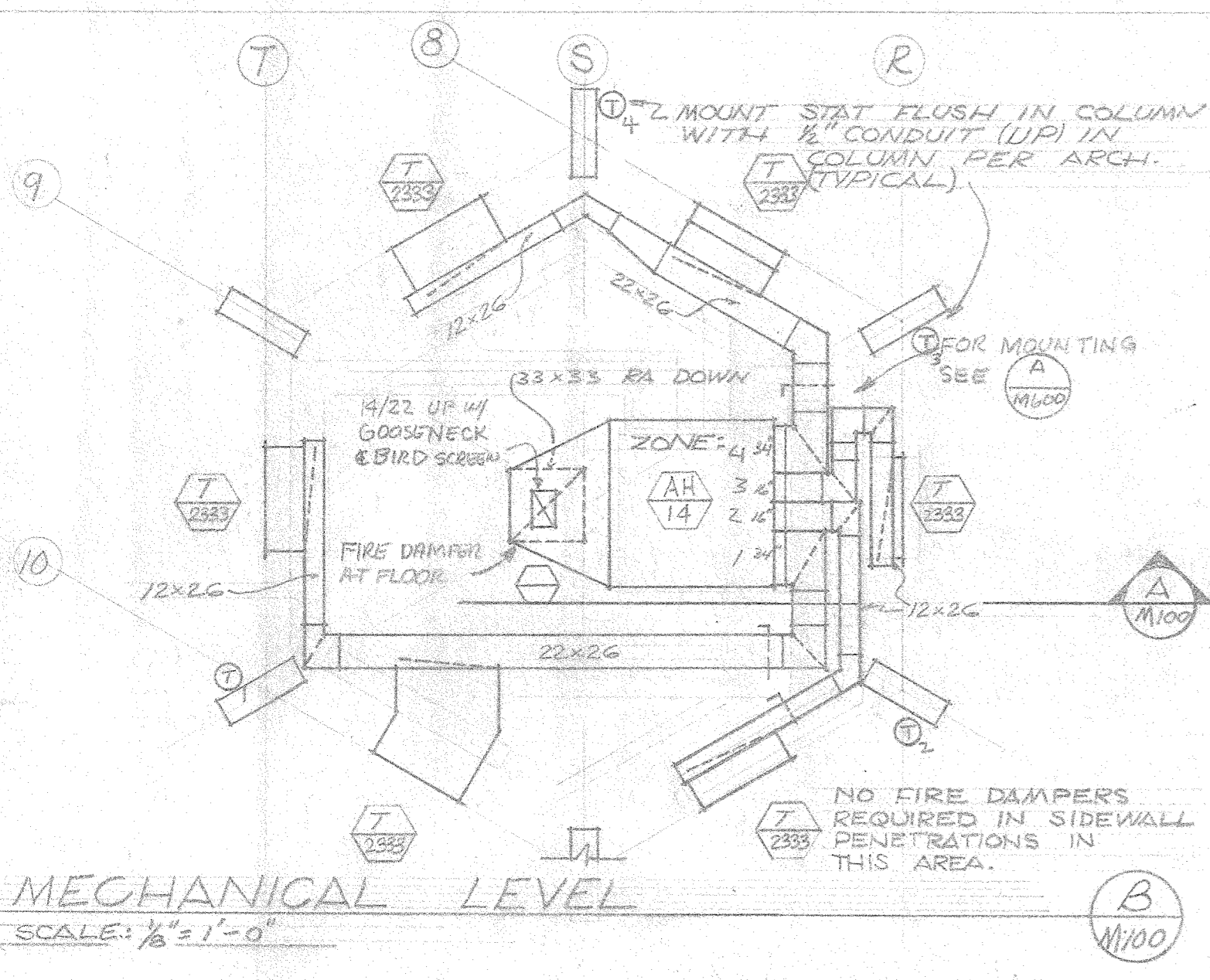
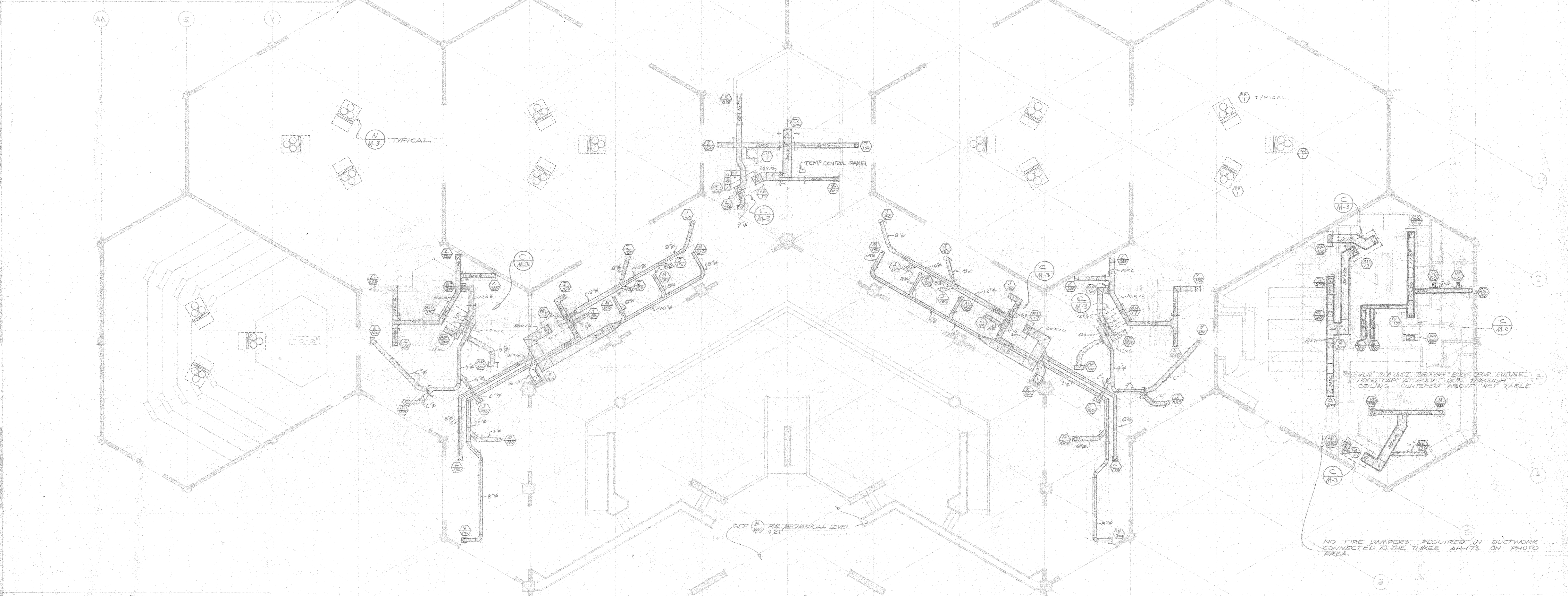
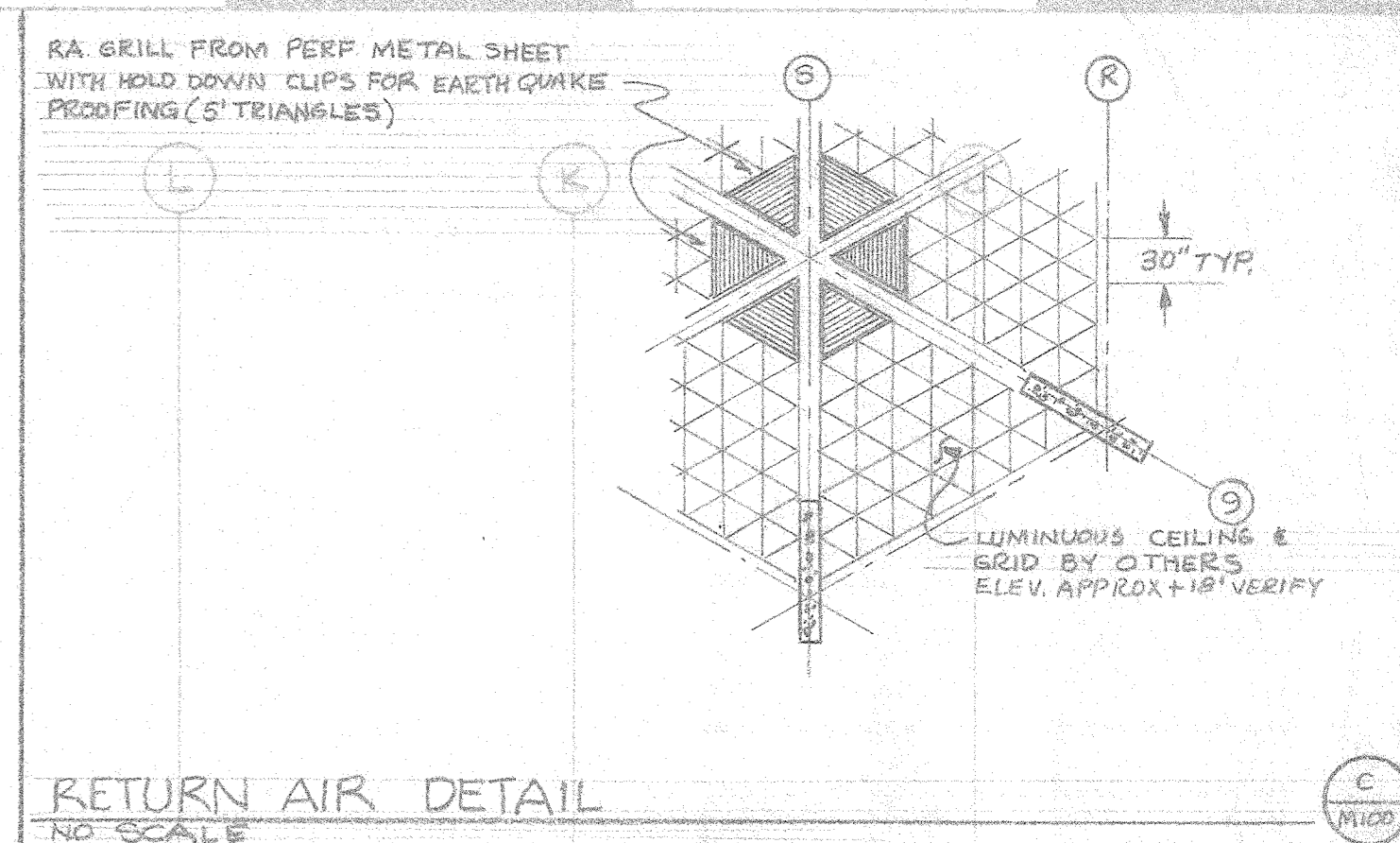
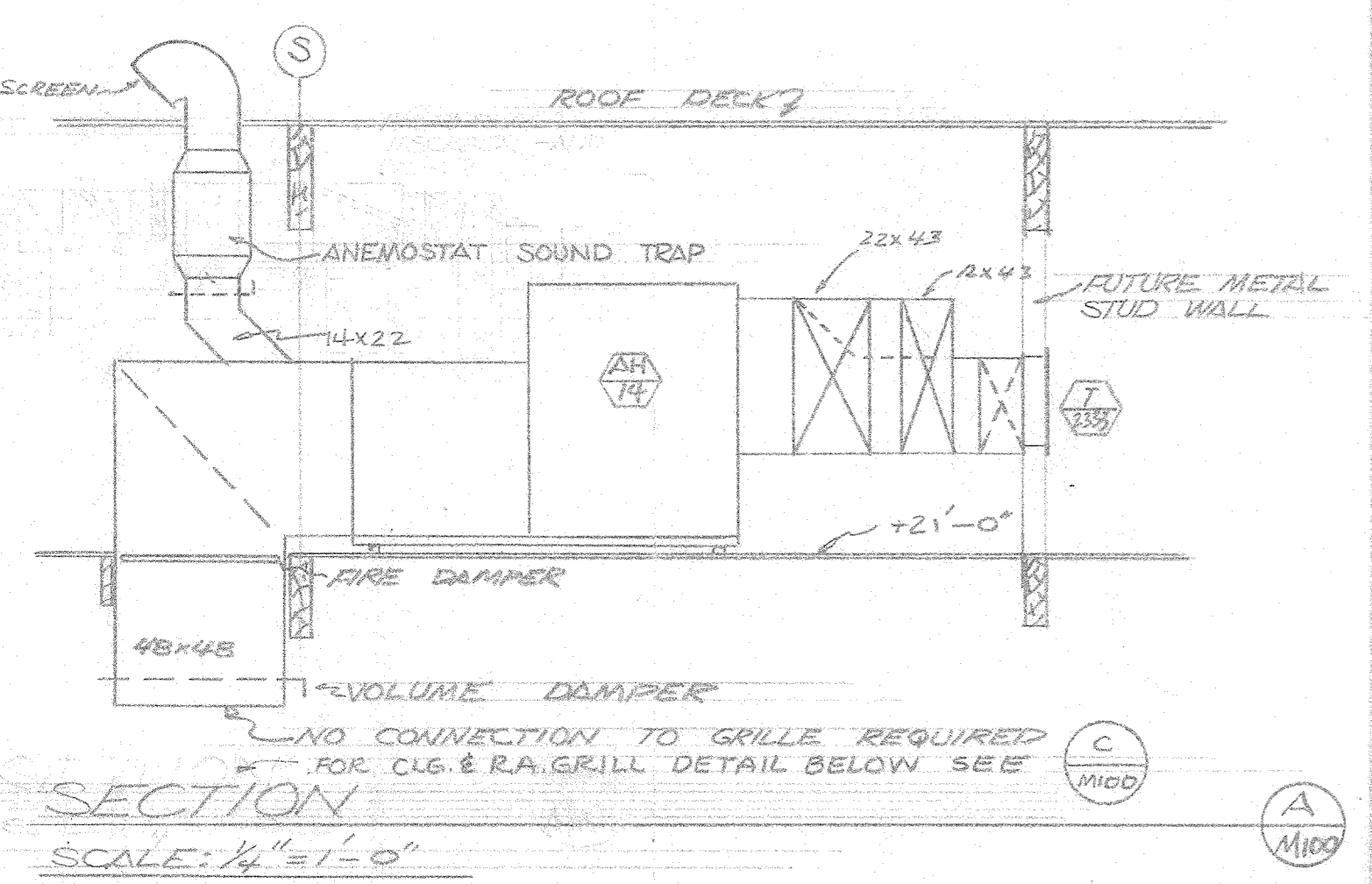
RON D. YOUNG ARCHITECTURAL ORGANIZATION

Ron D. Young

HW-CHW FLOW DIAGRAM

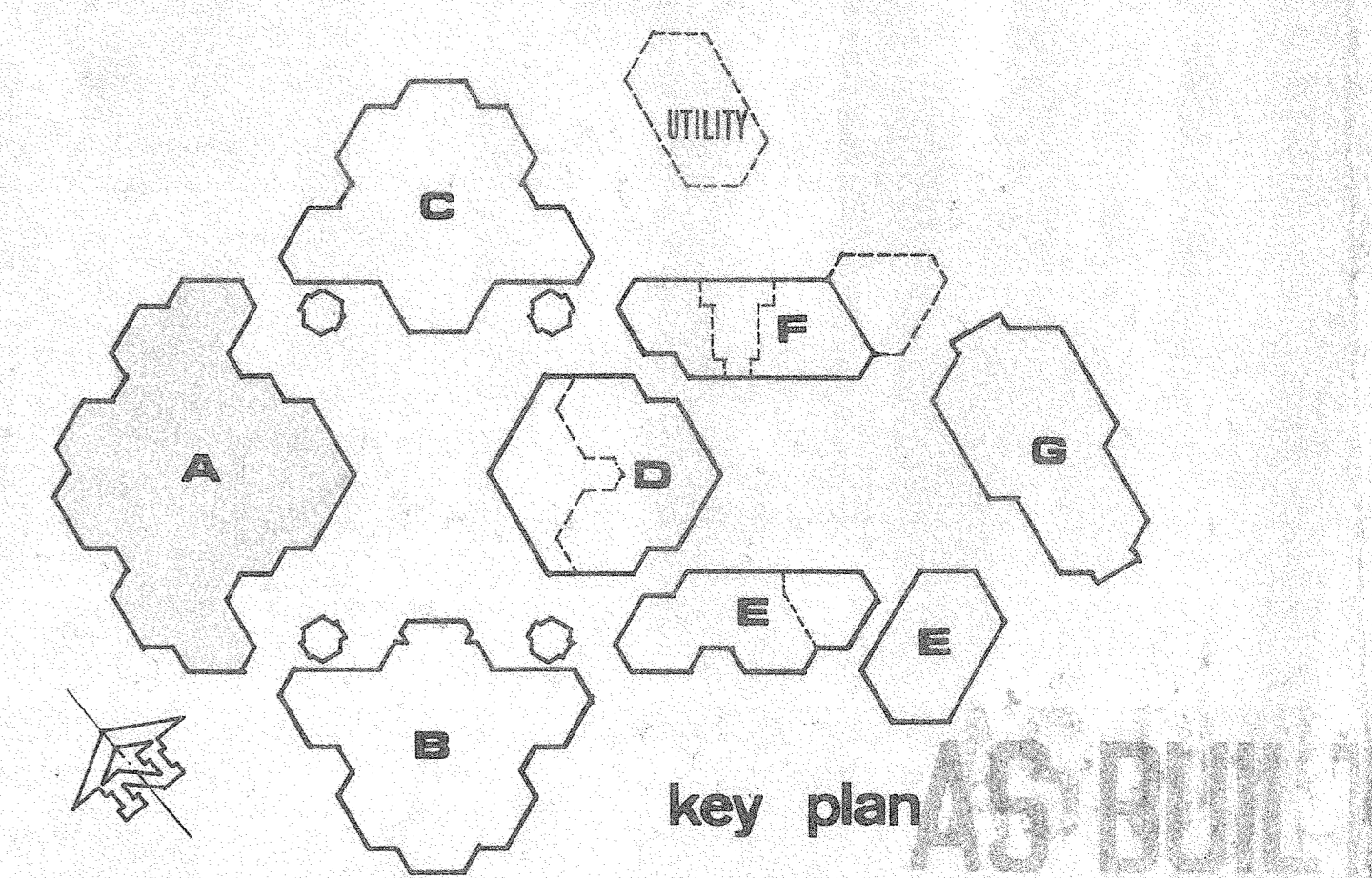
M-6

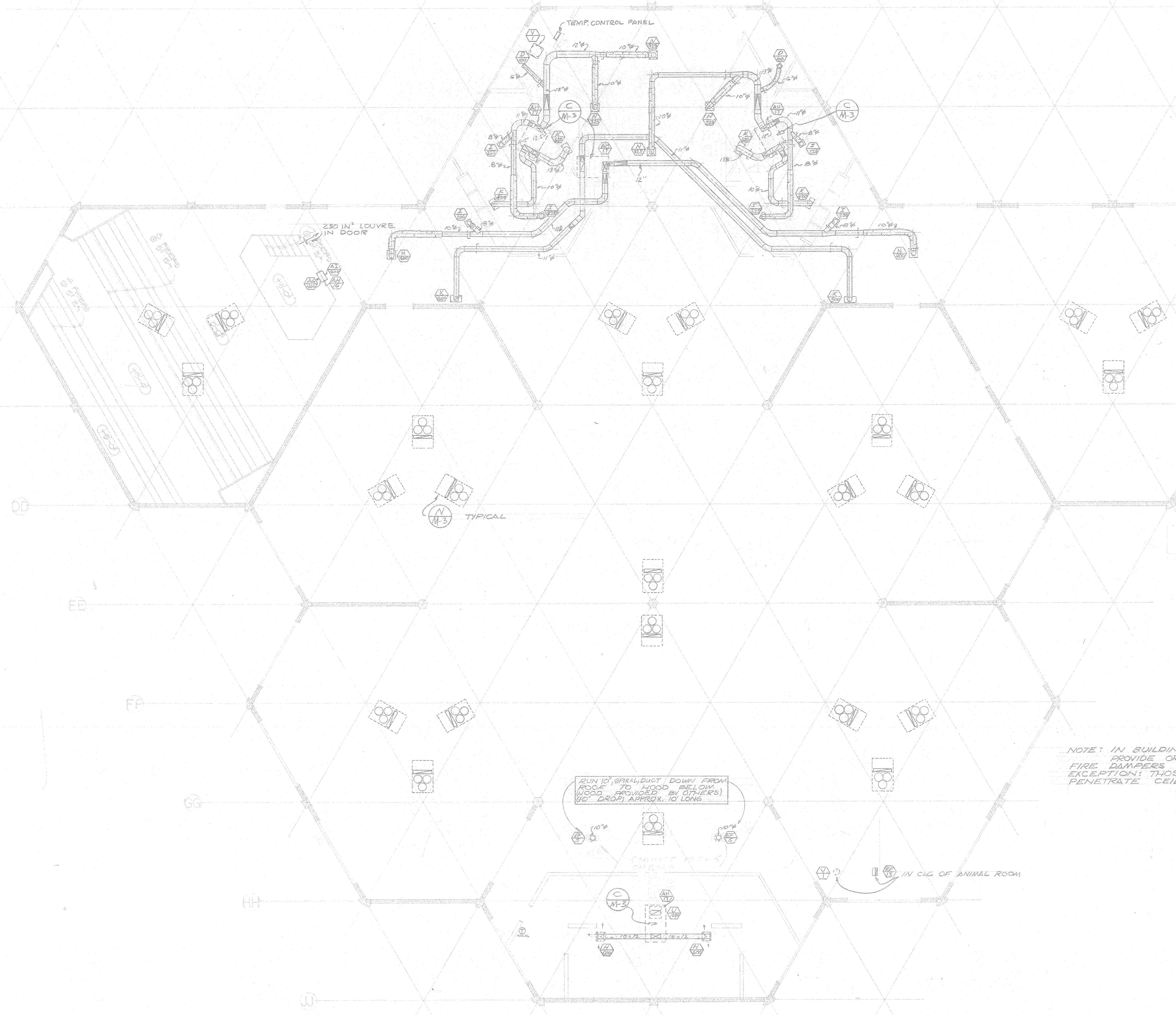
SHEET
OF



NOTE: IN BUILDING A, PROVIDE ORANGE-COUNTY FIRE-MARSHALL-APPROVED FIRE DAMPERS IN ALL DUCTS PENETRATING CEILING. EXCEPTIONS: THOSE DUCTS CONNECTED TO AH-1 WHICH PENETRATE CEILING DO NOT REQUIRE FIRE DAMPERS. OTHER EXCEPTIONS ARE NOTED ABOVE AND ON DETAIL B/M100.

GENERAL REVISIONS FEB. 5, 1975

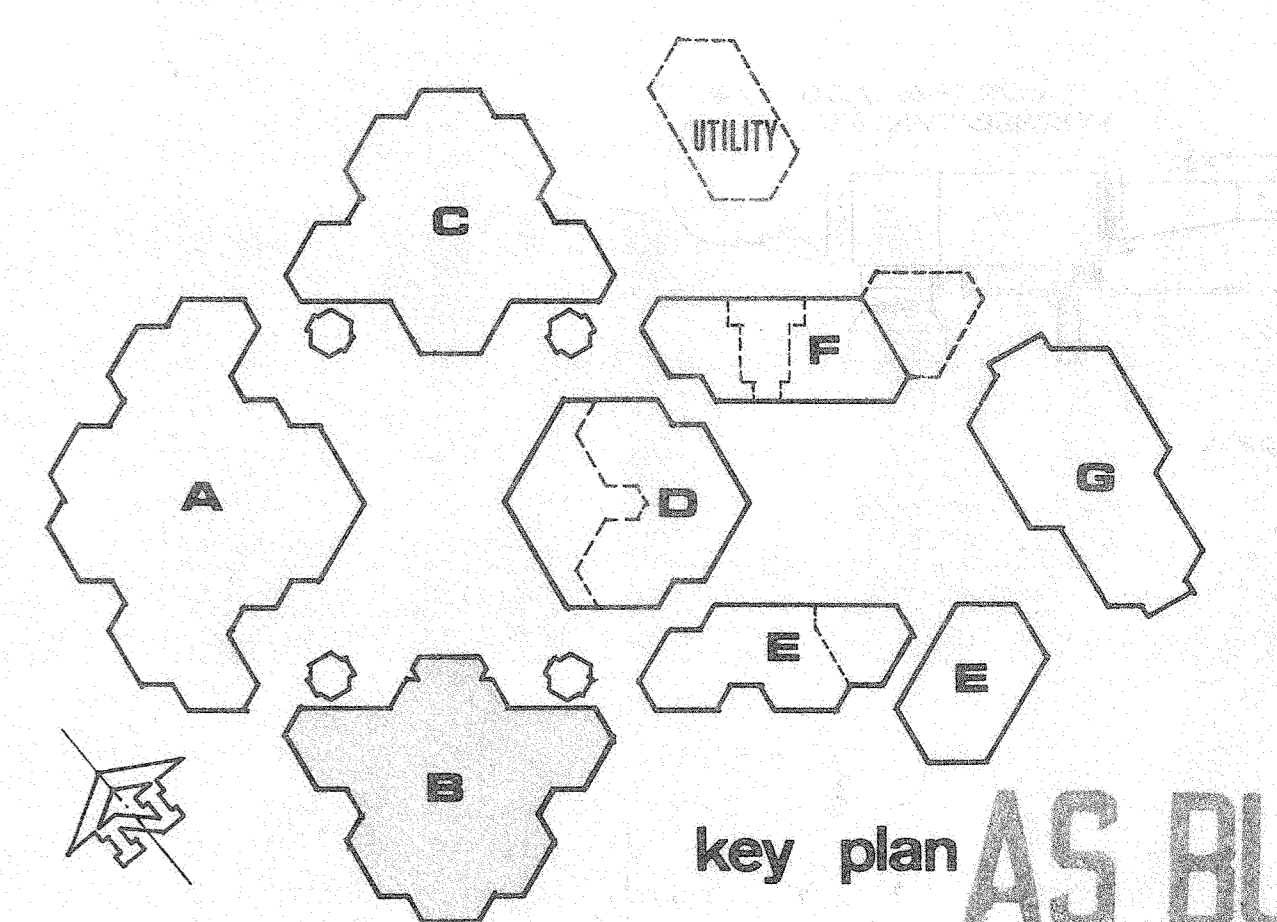




NOTE: IN BUILDING B:
 PROVIDE ORANGE COUNTY FIRE MARSHAL-APPROVED
 FIRE DAMPERS IN ALL DUCTS PENETRATING CEILING.
 EXCEPTION: THOSE DUCTS CONNECTED TO AHU WHICH
 PENETRATE CEILING DO NOT REQUIRE FIRE DAMPERS.

RUN TO SPIRAL DUCT DOWN FROM
 ROOF TO HOOD BELOW.
 HOOD PROVIDED BY OTHERS.
 1/2\"/>

GENERAL REVISIONS FEB. 5, 1975



key plan **AS BUILT**

DATE DRAWN 12/9/74
 DRAWN BY
 CHECKED BY
 REVISION DATE 5/28/75

FIRE MARSHAL APPROVAL
 STATE FIRE MARSHAL
 STATE OF CALIFORNIA
 DATE: FEB 5 1975
 BY: [Signature]

OFFICE OF ARCHITECTURE & CONSTRUCTION
 STATE OF CALIFORNIA - DEPARTMENT OF GENERAL SERVICES
 OFFICE OF ARCHITECTURE AND CONSTRUCTION
 37345 APPROVED DEC 5 1974
 APPLICATION FOR INCREMENTAL APPROVAL
 FOUNDATION & FRAME ONLY
 BY: [Signature]

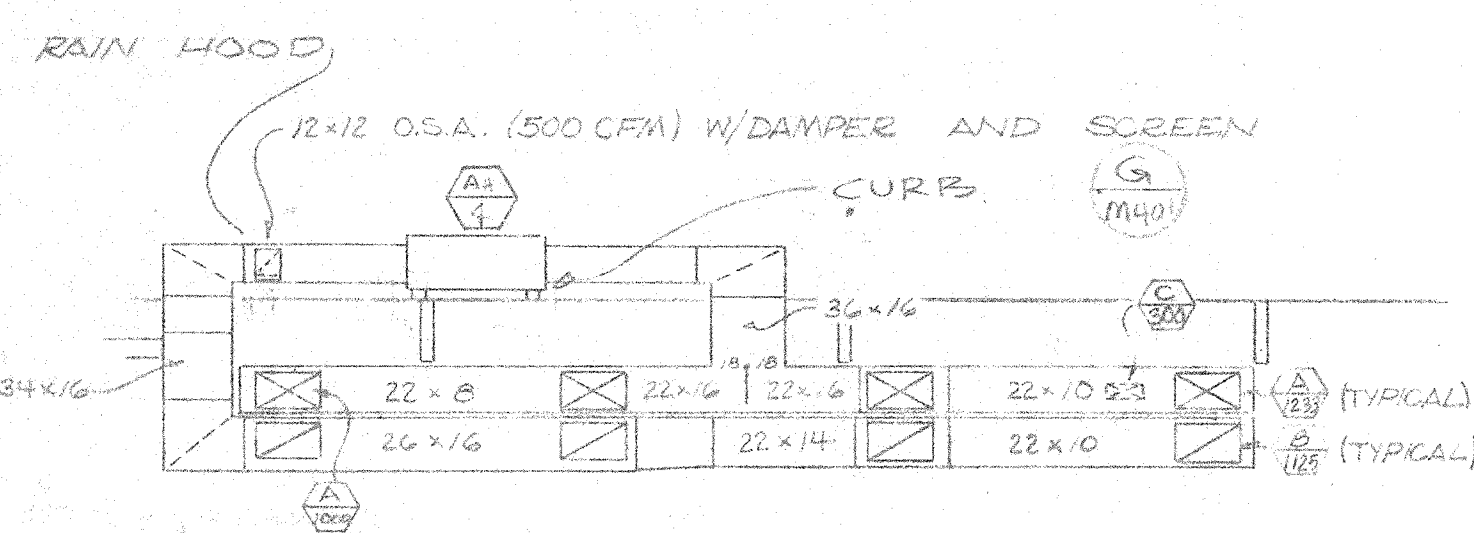
ENGINEER
P.R. McCOY & ASSOCIATES
 MECHANICAL AND ELECTRICAL ENGINEERS
 1777 STOCKTON AVE
 SAN JOSE, CA 95128

IRVINE HIGH SCHOOL

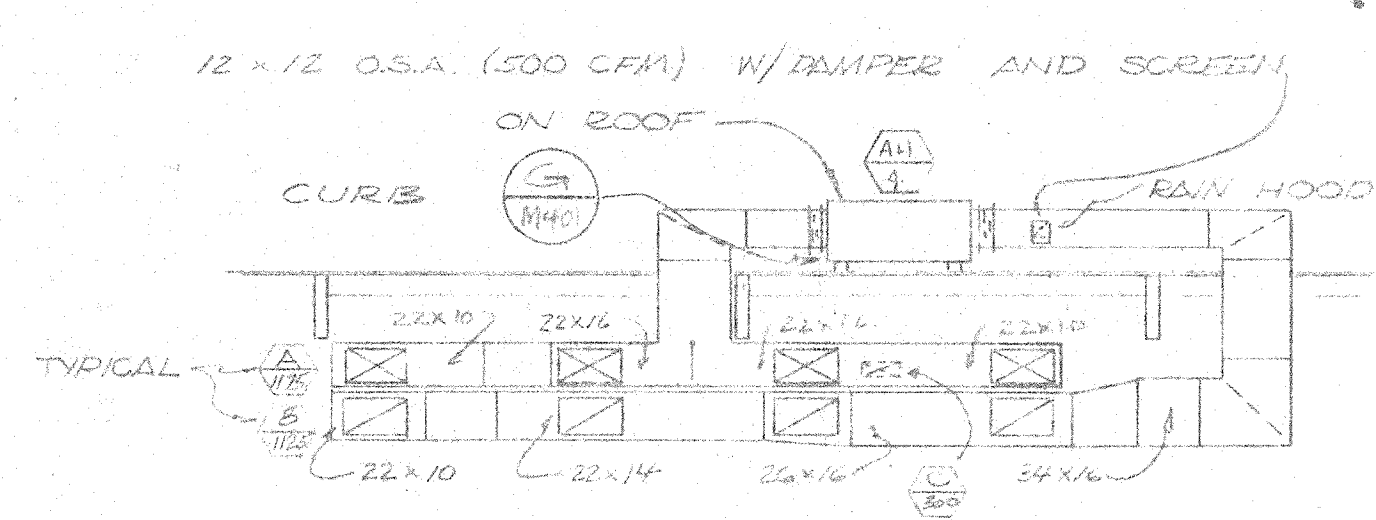
RON D. YOUNG ARCHITECTURAL ORGANIZATION
 [Signature]

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

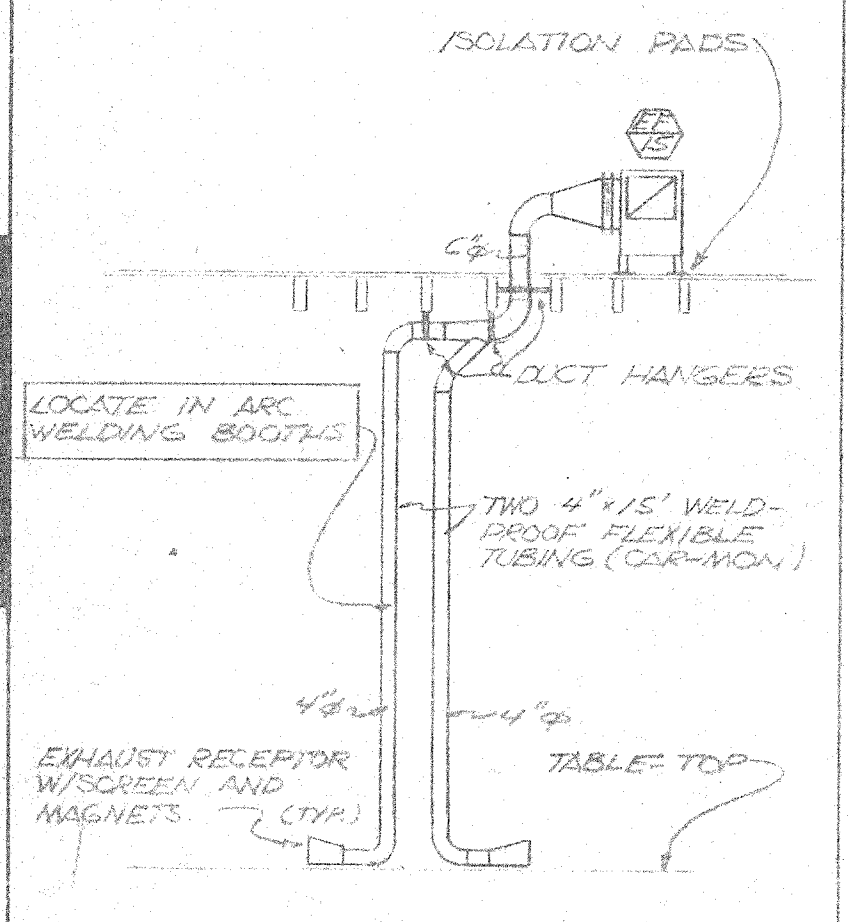
BUILDING **B**
 SHEET **M200**



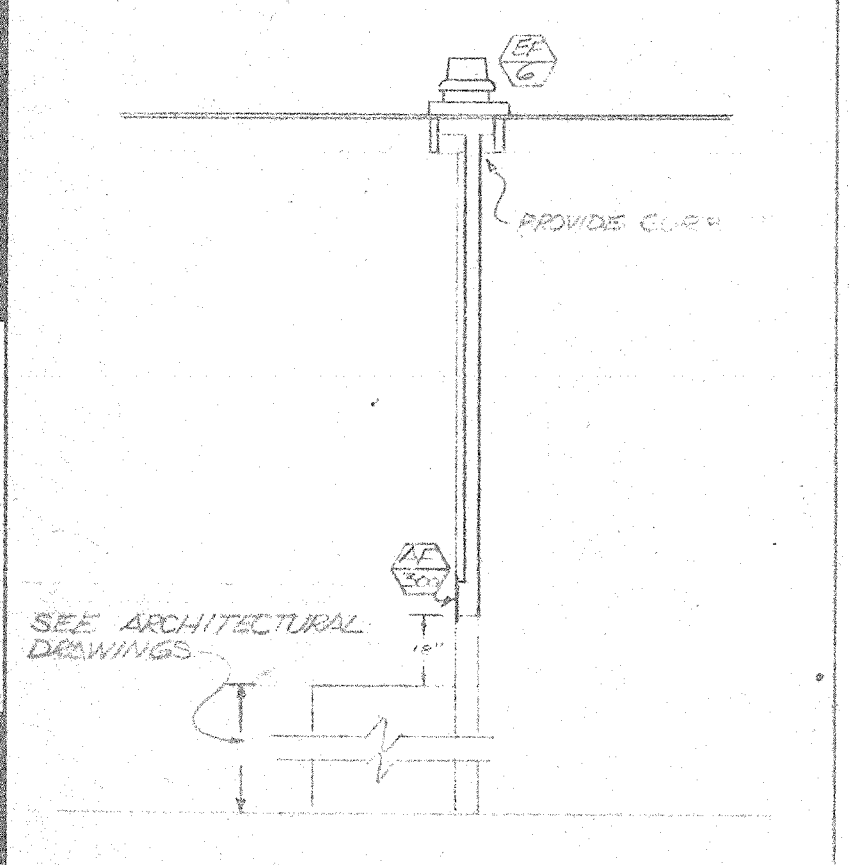
SECTION
SCALE: 1/8" = 1'-0"



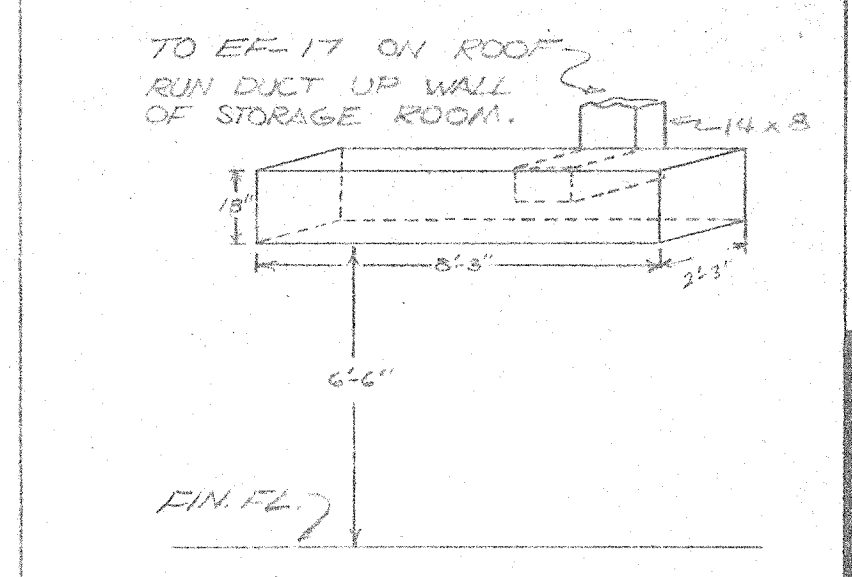
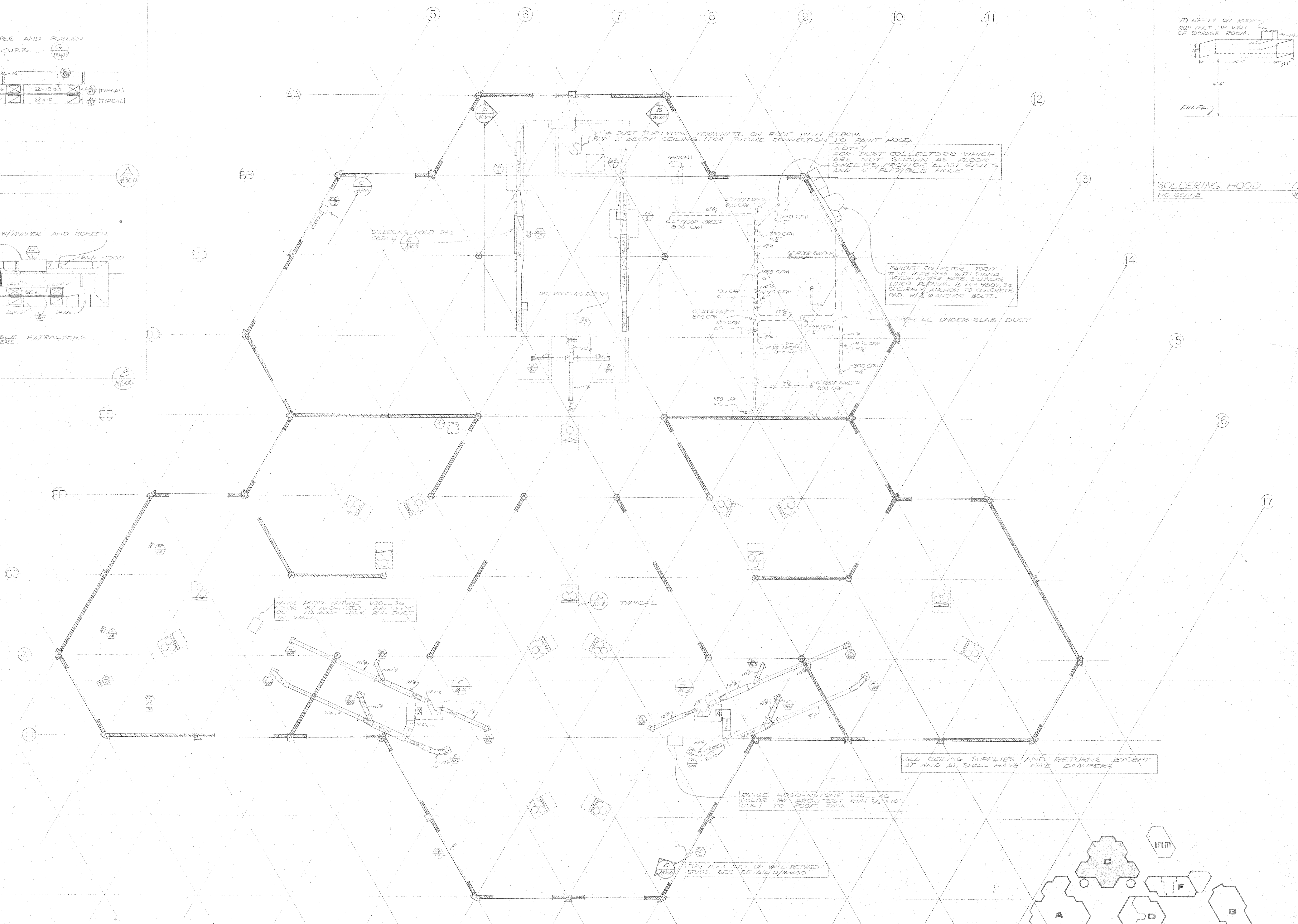
SECTION
SCALE: 1/8" = 1'-0"



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



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



SOLDERING HOOD
NO. SCALE

NOTE: FOR DUST COLLECTORS WHICH ARE NOT SHOWN AS FLOOR SWEEPERS, PROVIDE SLAST GATES AND 4' FLEXIBLE HOSE.

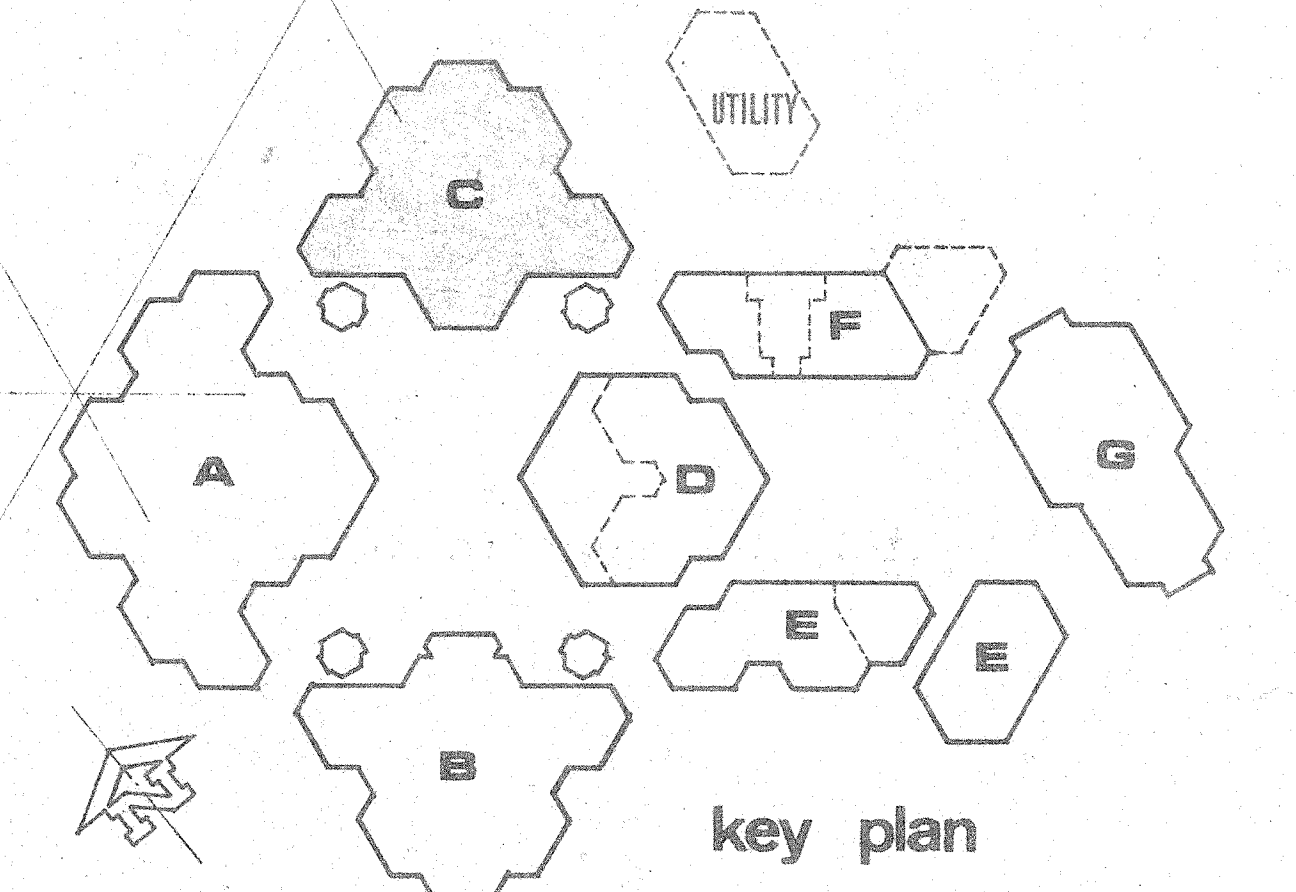
SANDUST COLLECTOR - 10017 250-1028-855 WITH STAINLESS AFTER-FILTER BAGS, SAND/DUST LIMITED FLOW, IS 1/2" ABOVE 2" SECURELY ANCHOR TO CONCRETE PAD. W/ 4 ANCHOR BOLTS.

TYPICAL UNDER-SLAB DUCT

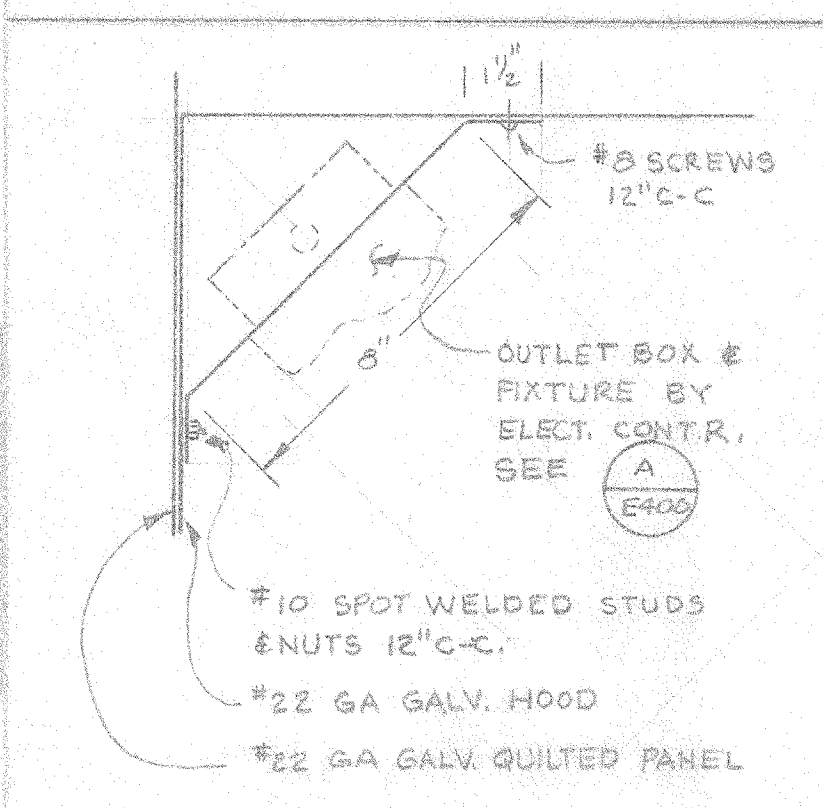
ALL CEILING SUPPLIES AND RETURNS EXCEPT AE AND AL SHALL HAVE FIRE DAMPERS

BARGE HOOD - NITONE V30-30 COLOR BY ARCHITECT. RUN 3/4" 1" DUCT TO ROOF RACK.

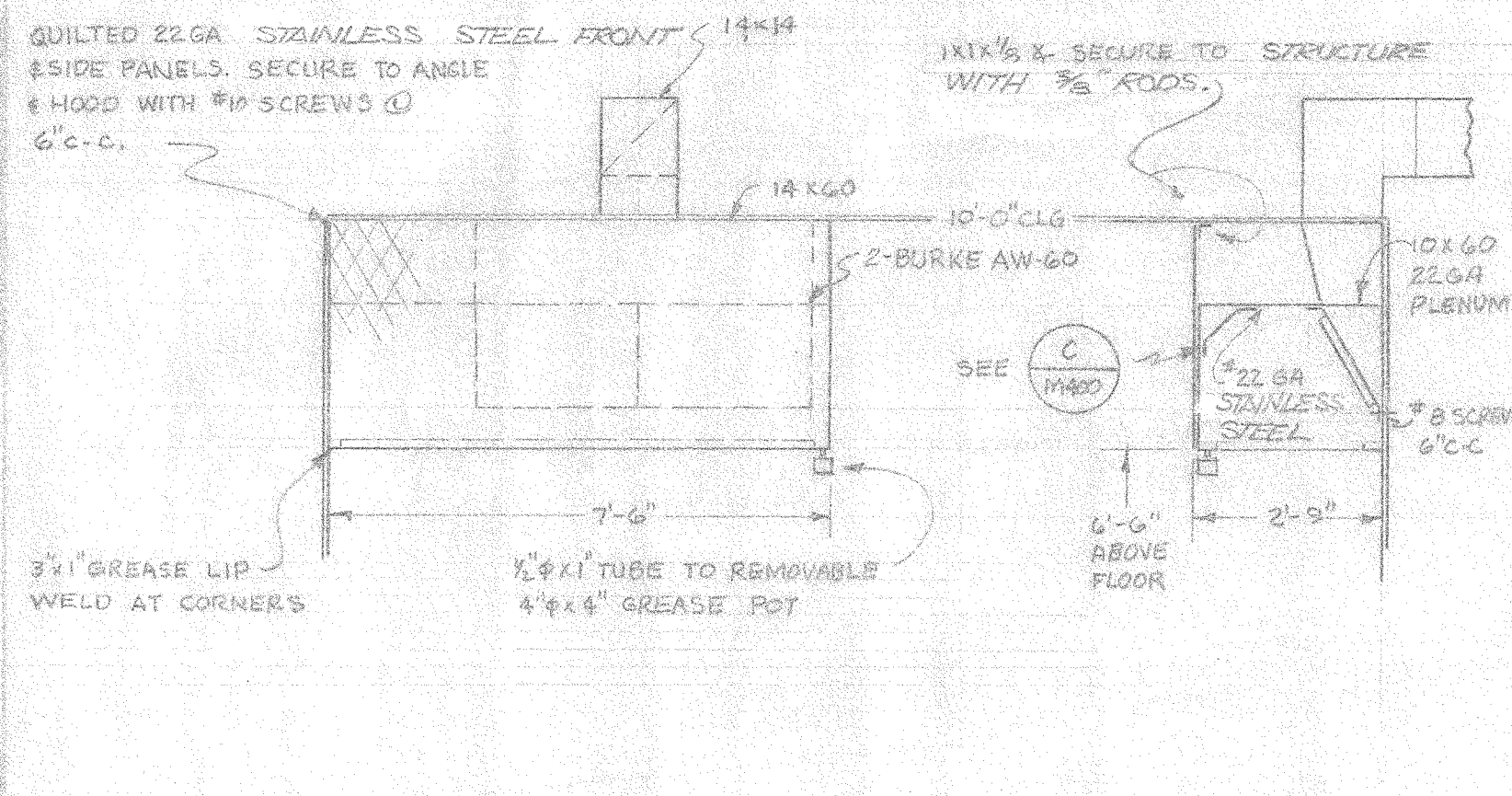
RUN 12.3 DUCT UP WALL BETWEEN STUDS. SEE DETAIL D/M-300



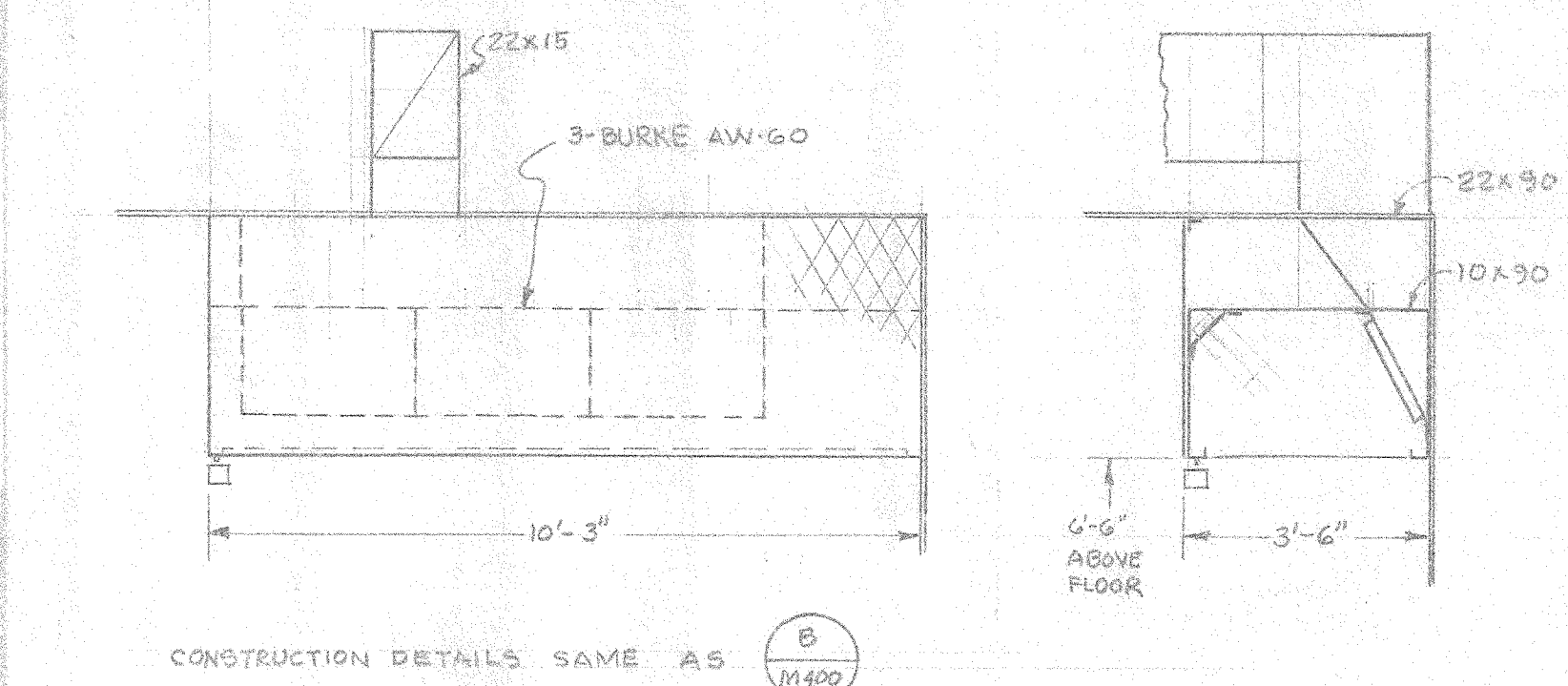
key plan



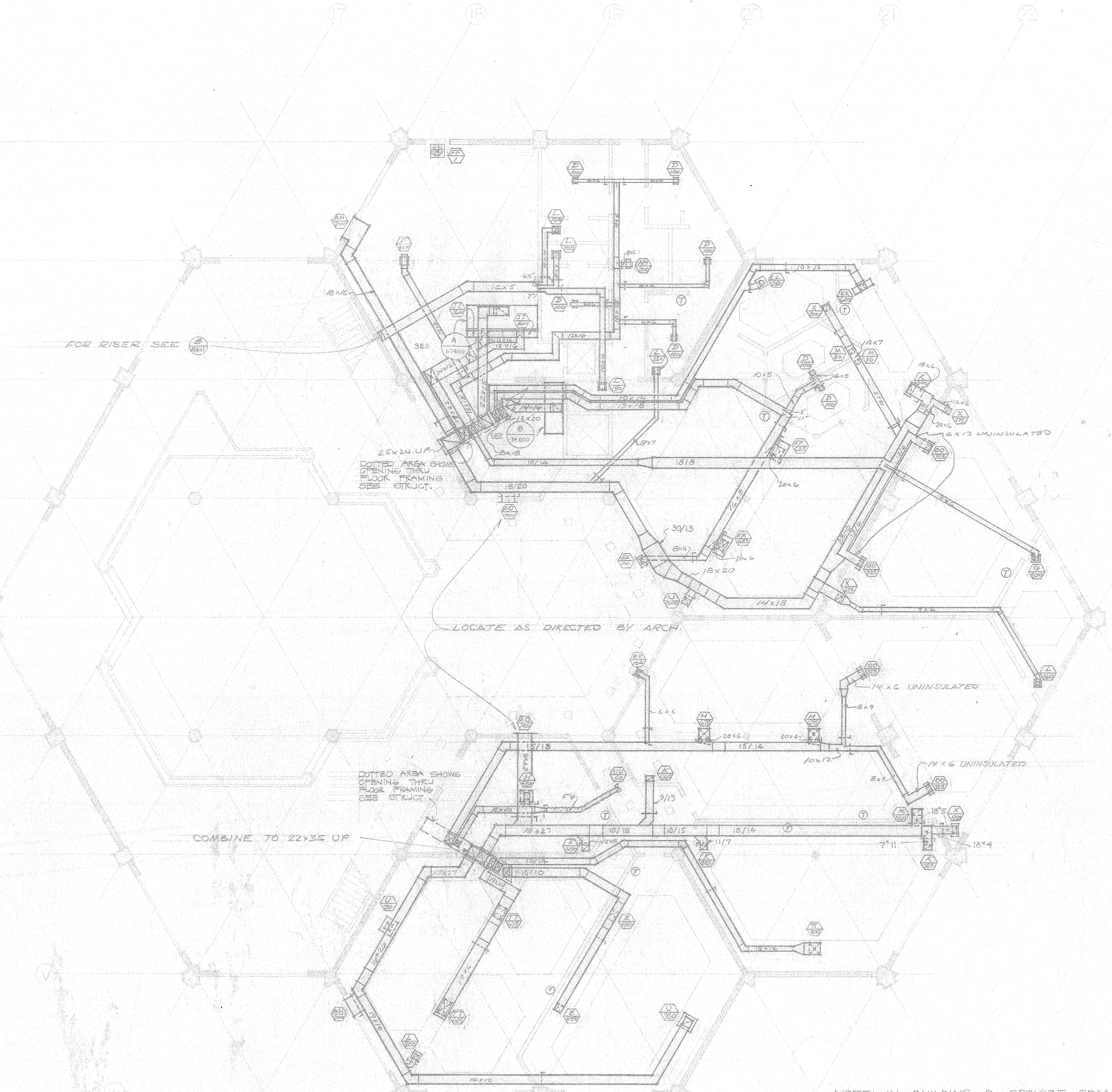
LIGHT CLOSURE
 SCALE: 3/8" = 1'-0"



HOOD
 SCALE: 3/8" = 1'-0"

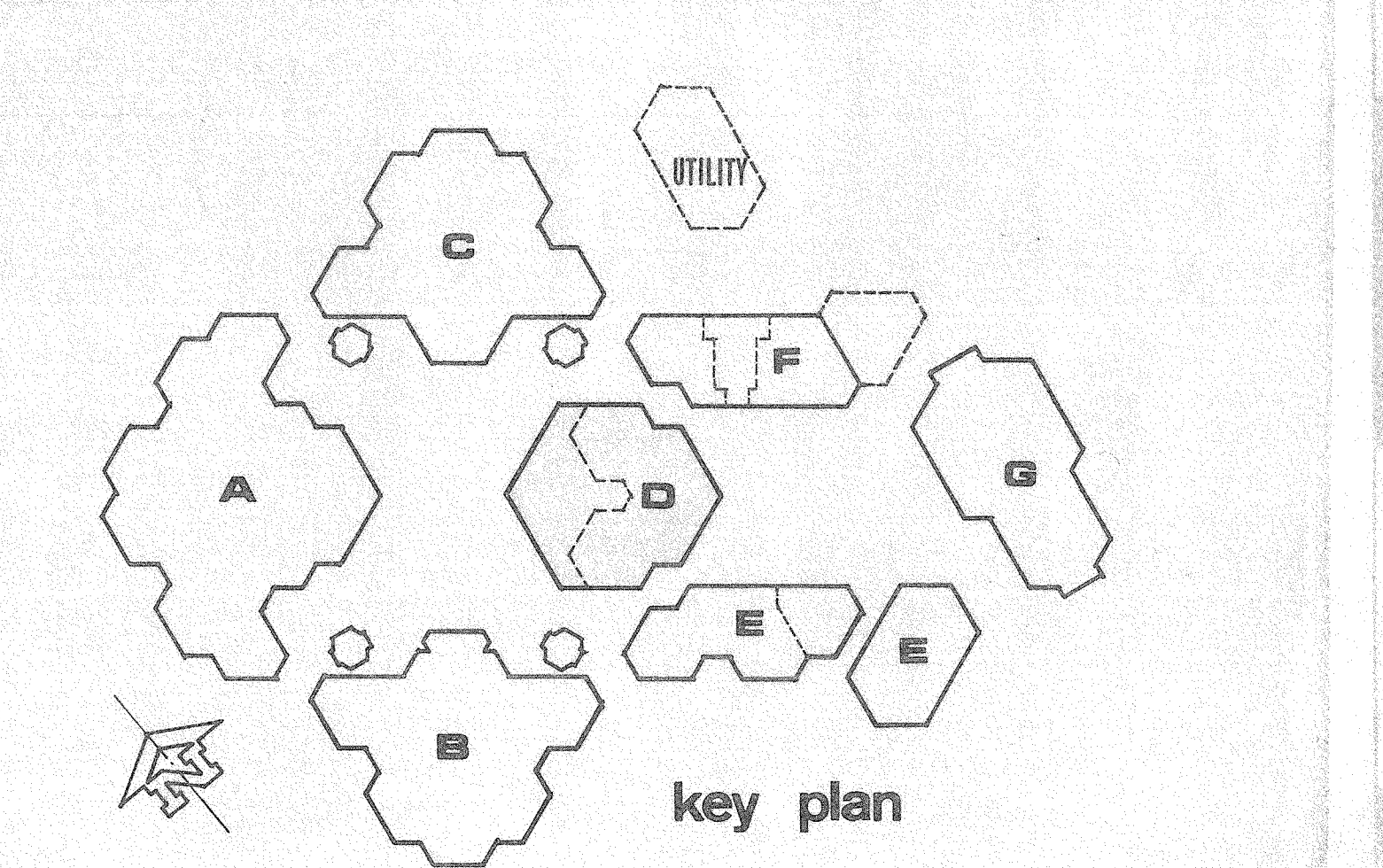


HOOD
 SCALE: 3/8" = 1'-0"



NOTE: IN BUILDING D PROVIDE ORANGE COUNTY FIRE MARSHALL APPROVED FIRE DAMPERS IN ALL DUCTS PENETRATING CEILING AND SIDEWALL OUTLETS AND IN WALLS SHOWN WITH FIRE DAMPERS OR STATED AS 1 HOUR.

AS BUILT
GENERAL REVISIONS FEB. 5, 1975



DATE DRAWN 12/9/74
 DRAWN BY
 CHECKED BY
 REVISION DATE 5 FEB 75

FIRE MARSHAL APPROVED
 STATE FIRE MARSHAL
 STATE OF CALIFORNIA
 DATE NOV 5 1974
 BY [Signature]

OFFICE OF ARCHITECTURE & CONSTRUCTION
 STATE OF CALIFORNIA - DEPARTMENT OF GENERAL SERVICES
 OFFICE OF ARCHITECTURE AND CONSTRUCTION
 37345 APPROVED DEC. 5 1974
 INCREMENTAL APPROVAL
 FOUNDATION & FRAME ONLY

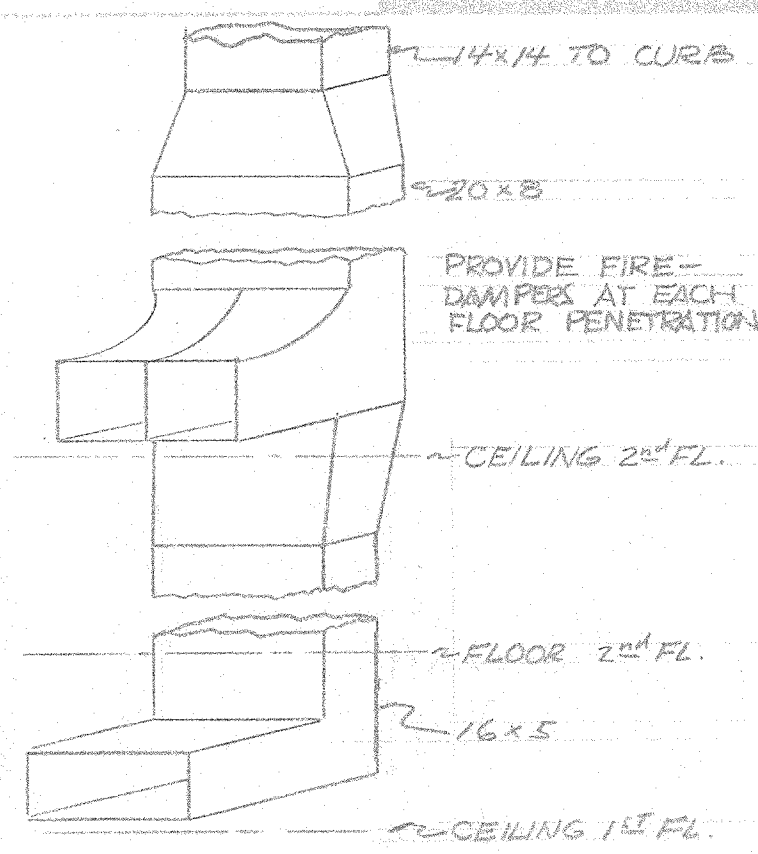
ENGINEER
P.R. McCOY & ASSOCIATES
 MECHANICAL AND ELECTRICAL ENGINEERS

IRVINE HIGH SCHOOL

RON D. YOUNG ARCHITECTURAL ORGANIZATION
 [Signature]

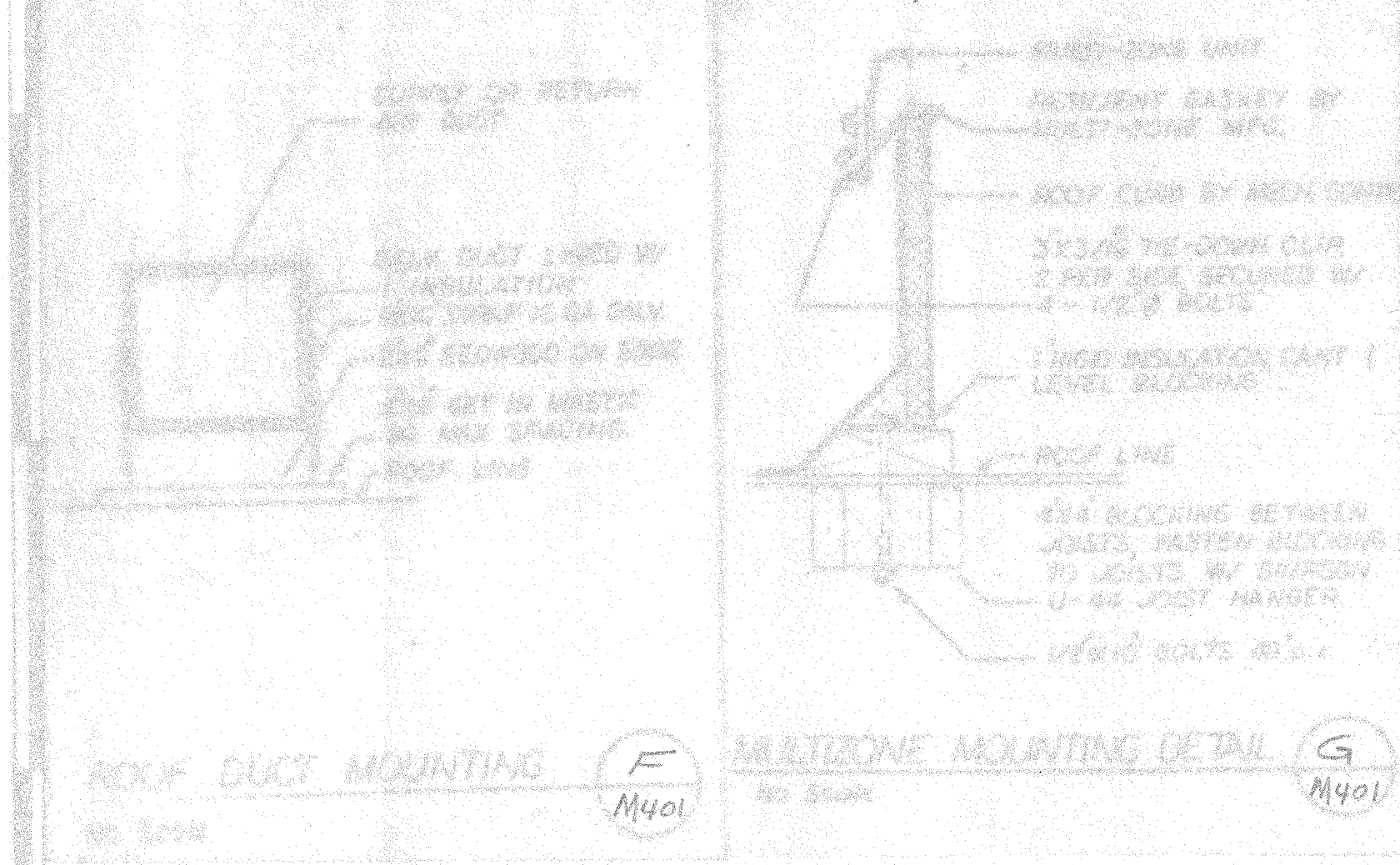
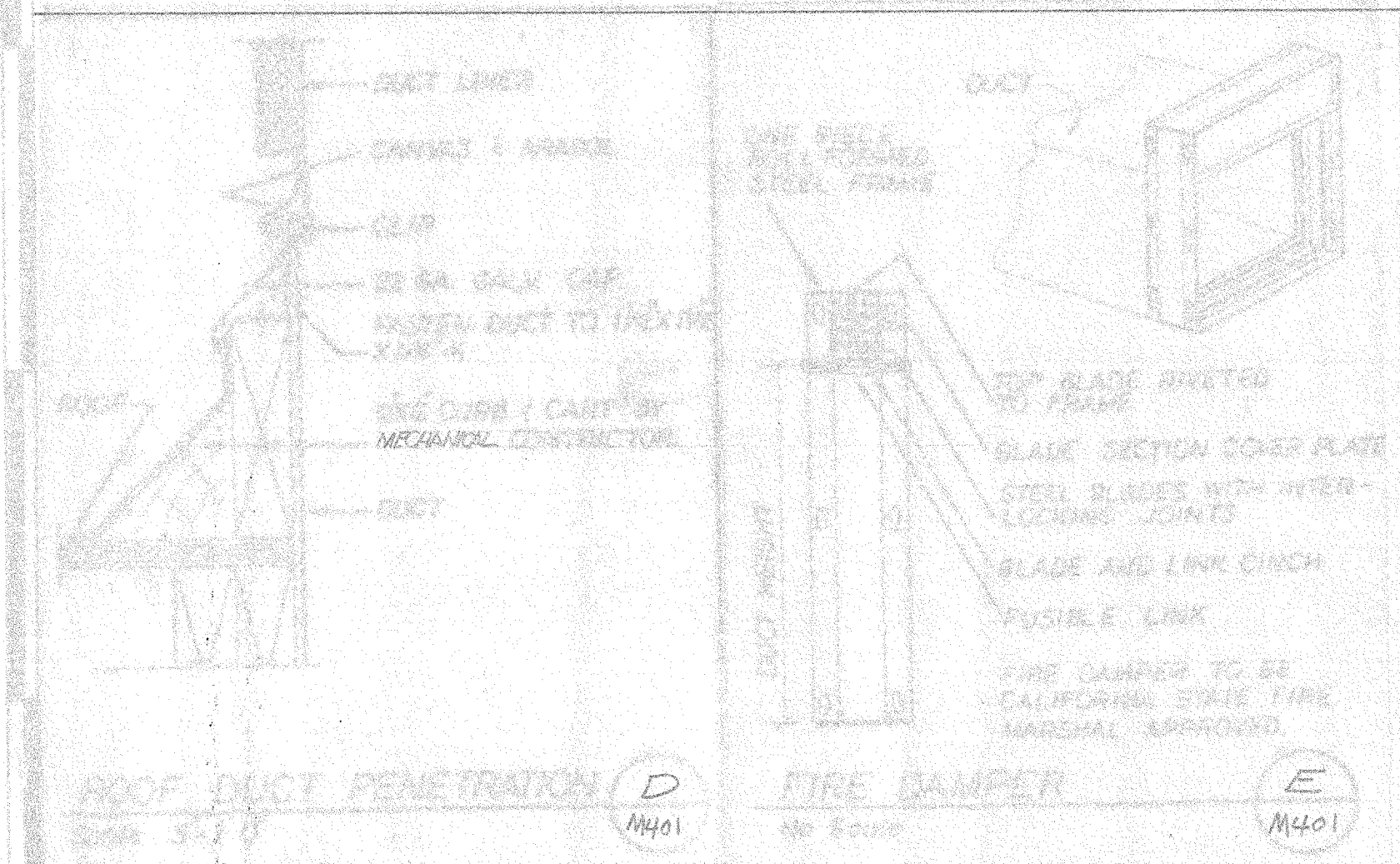
MECHANICAL FLOOR PLAN
 SCALE: 1/8" = 1'-0"

BUILDING D
 SHEET M400

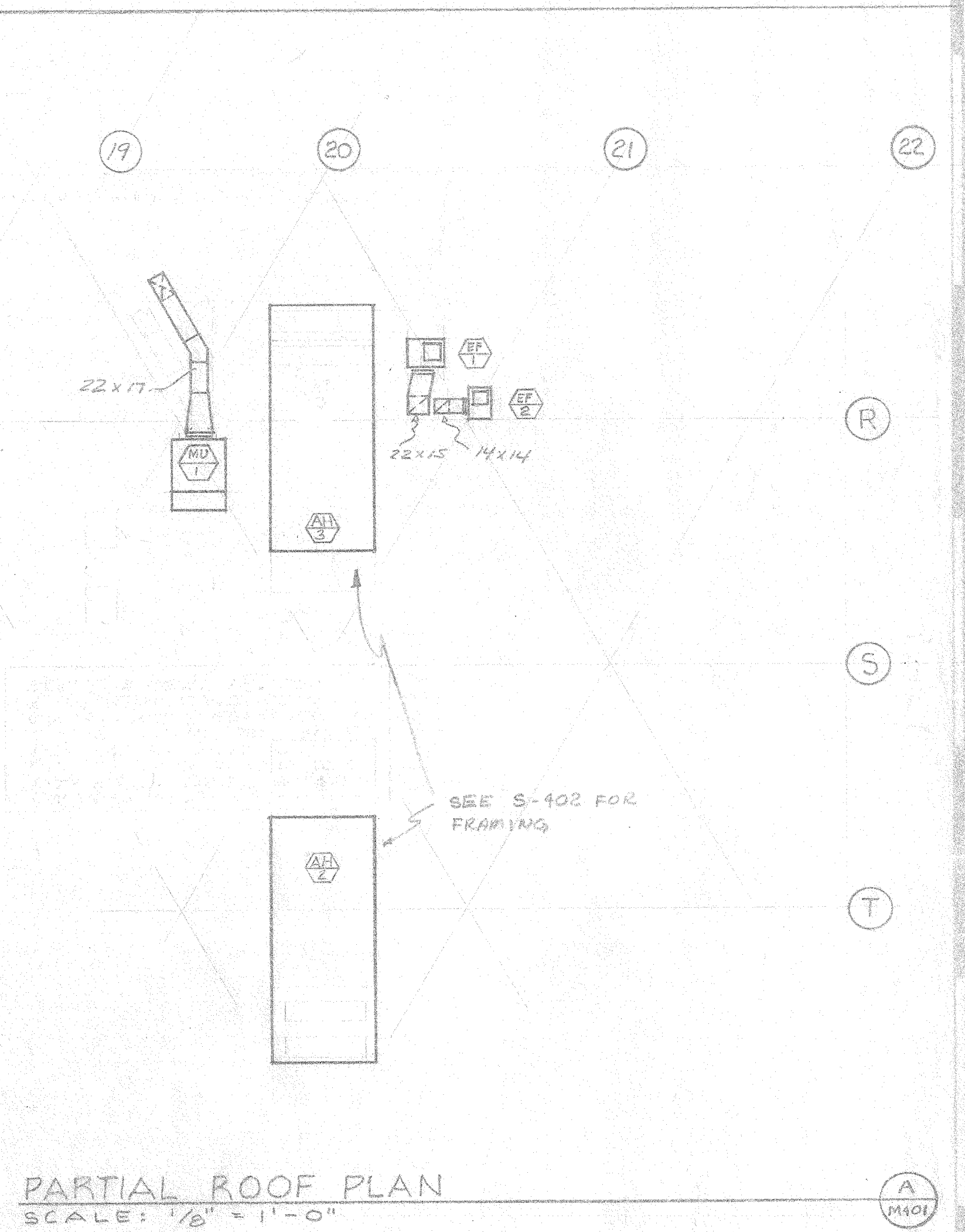
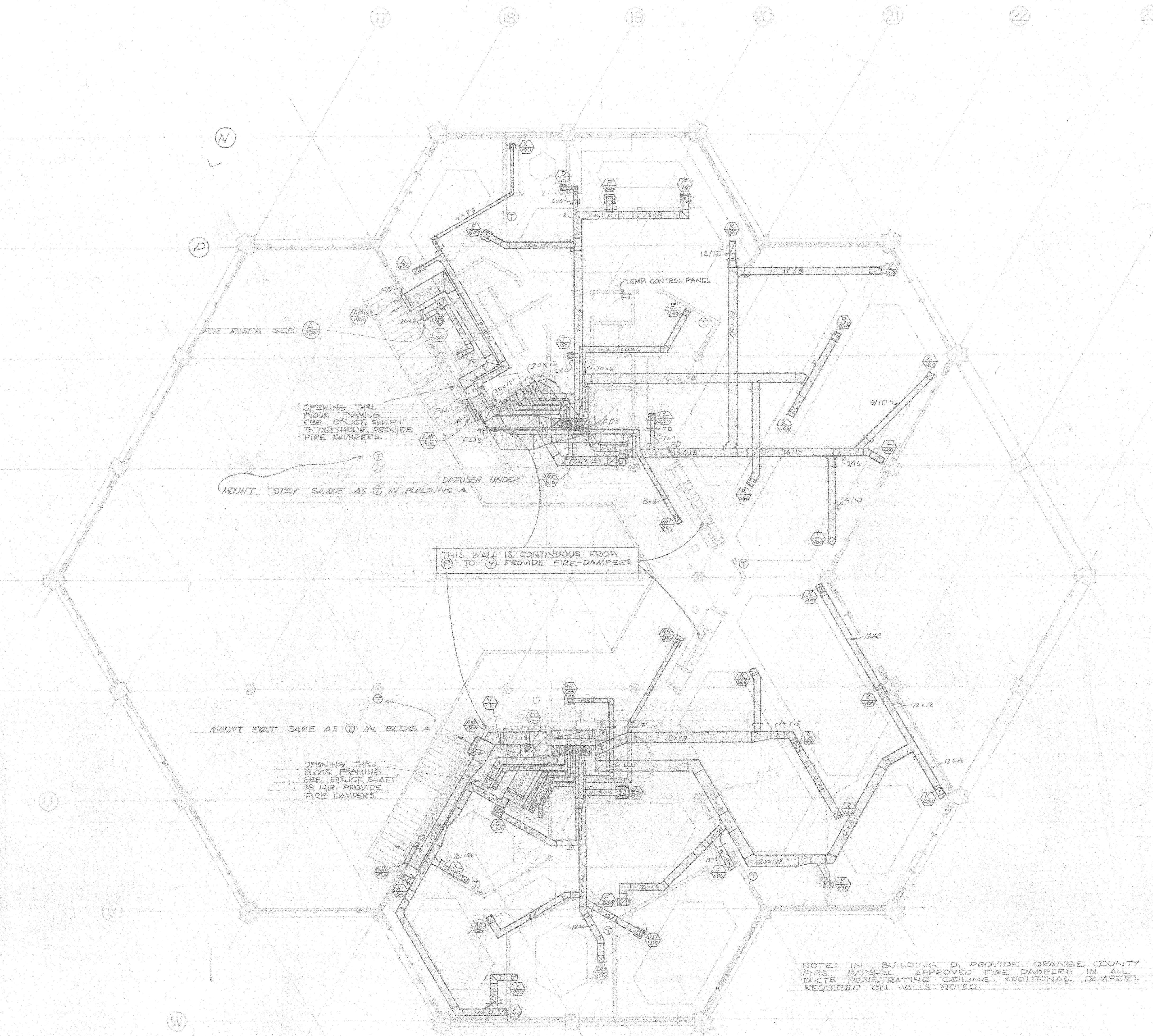


EXHAUST DUCT RISER (B)
 NO SCALE

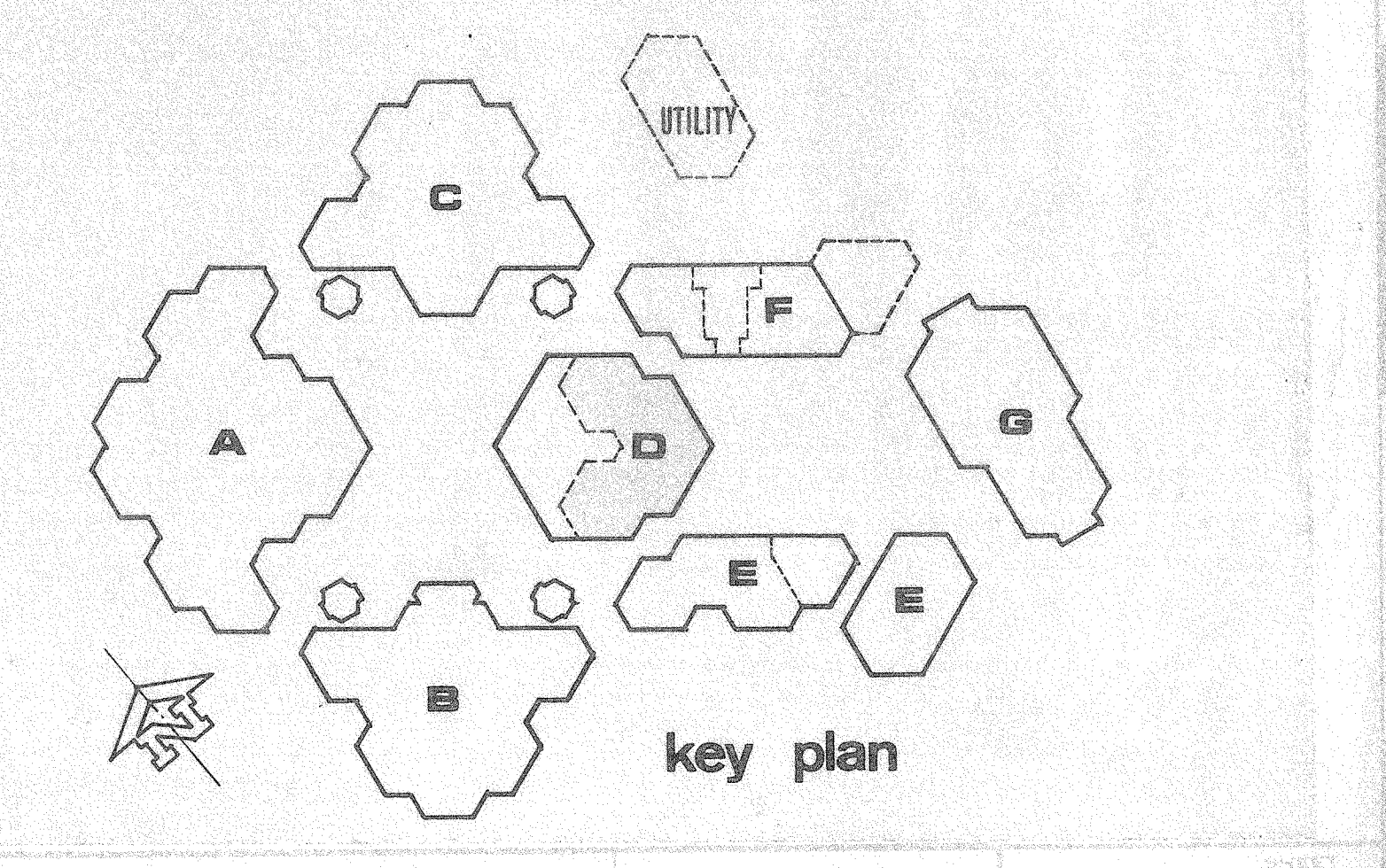
PARTIAL ROOF PLAN (C)
 SCALE: 1/8" = 1'-0"

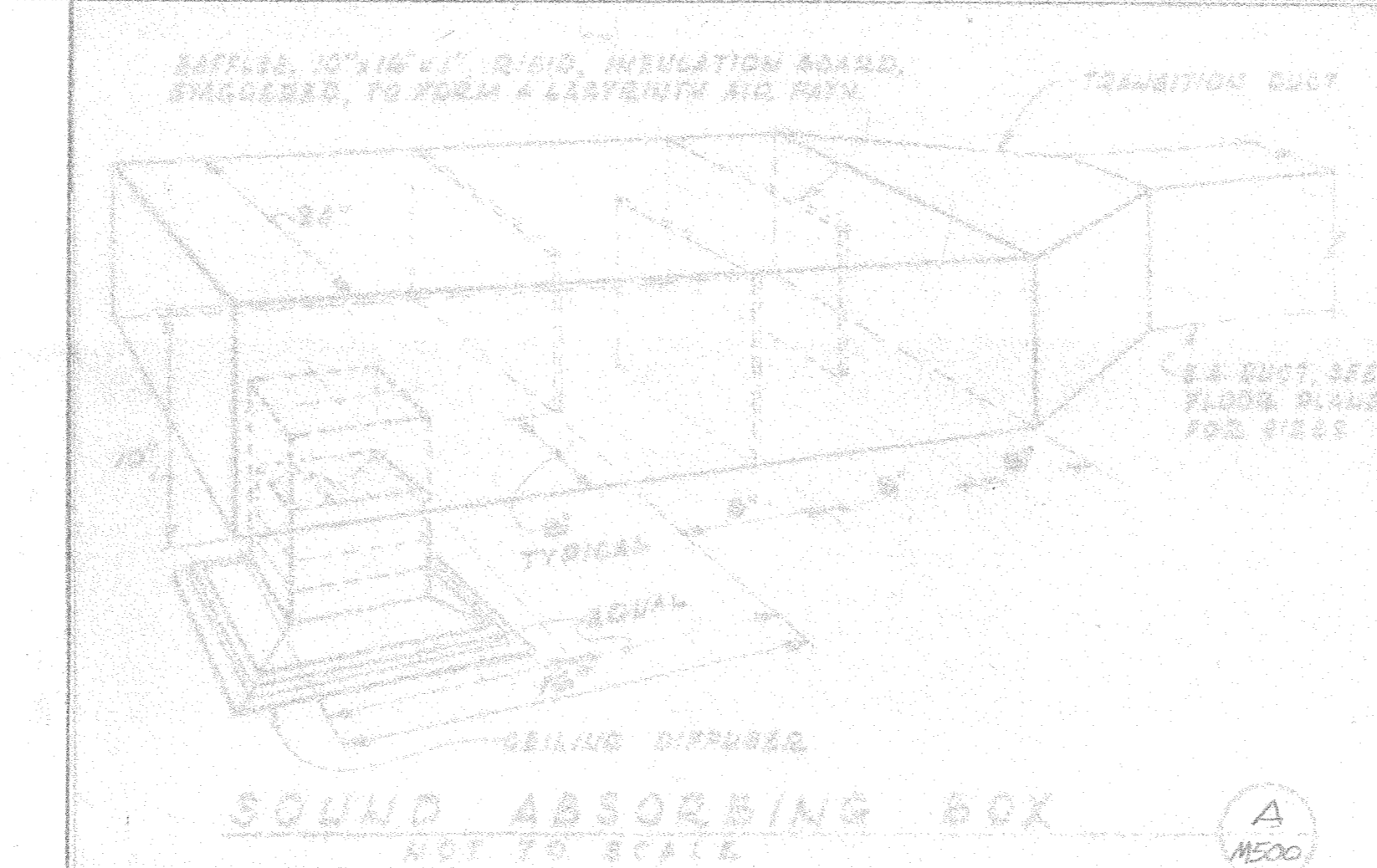
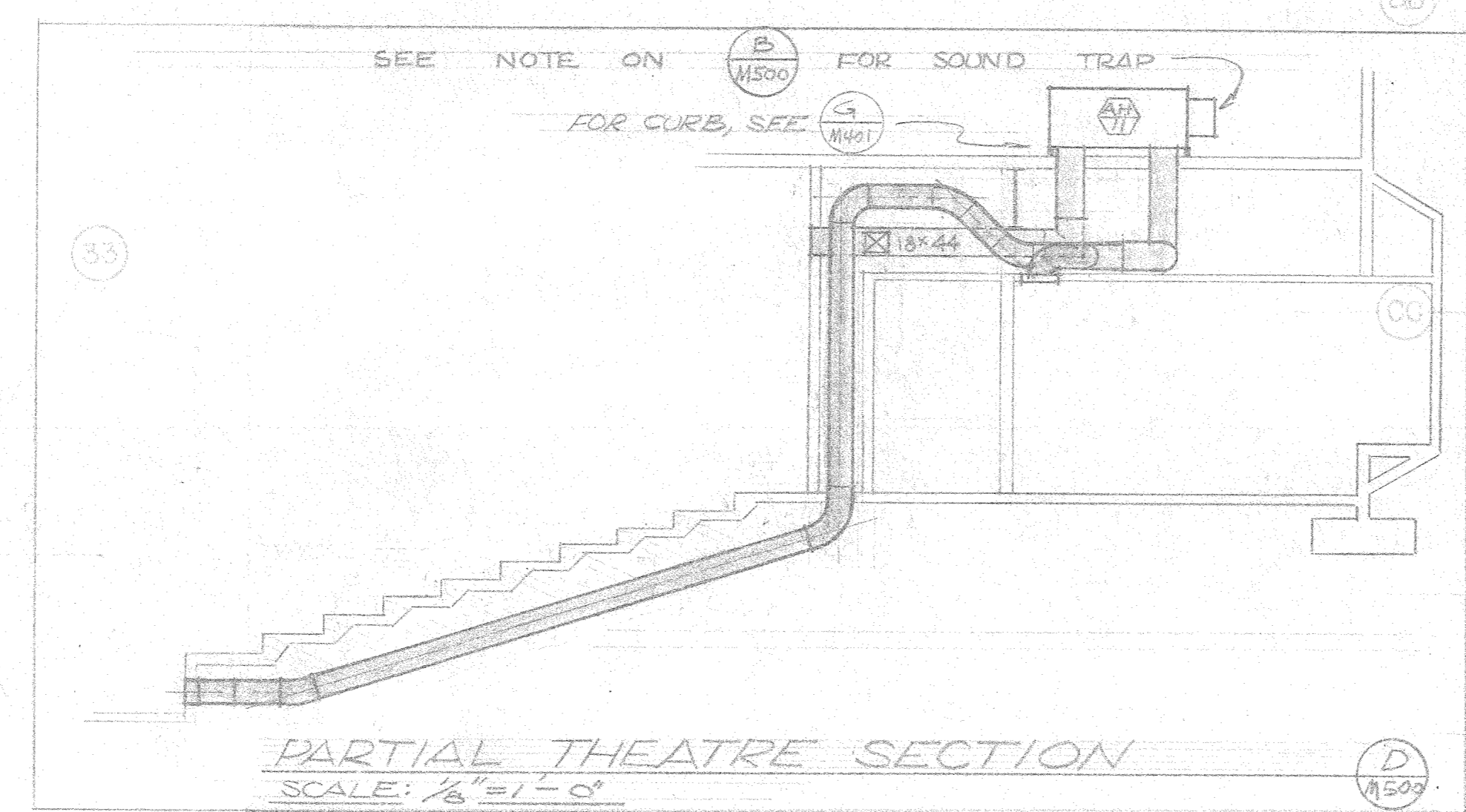
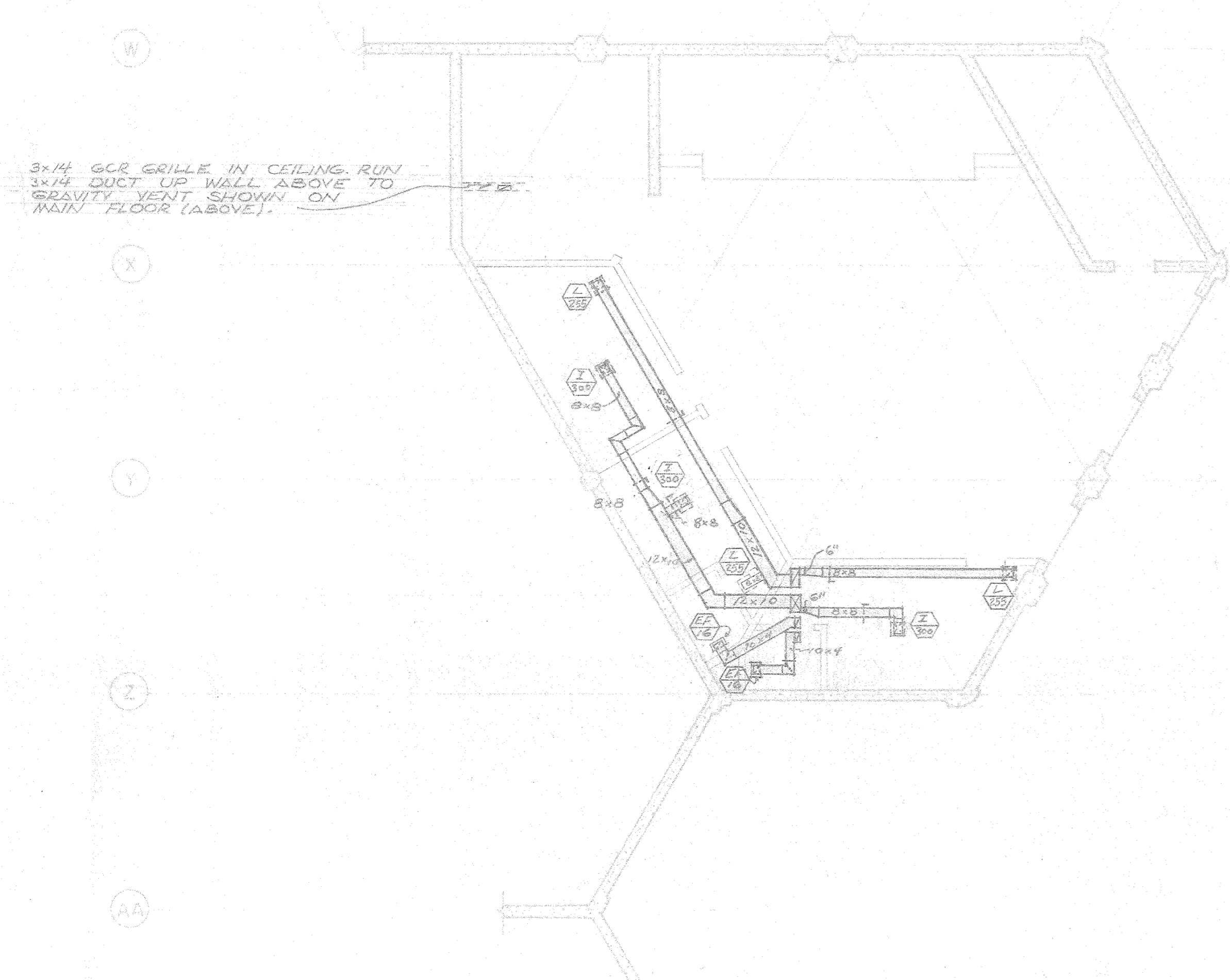
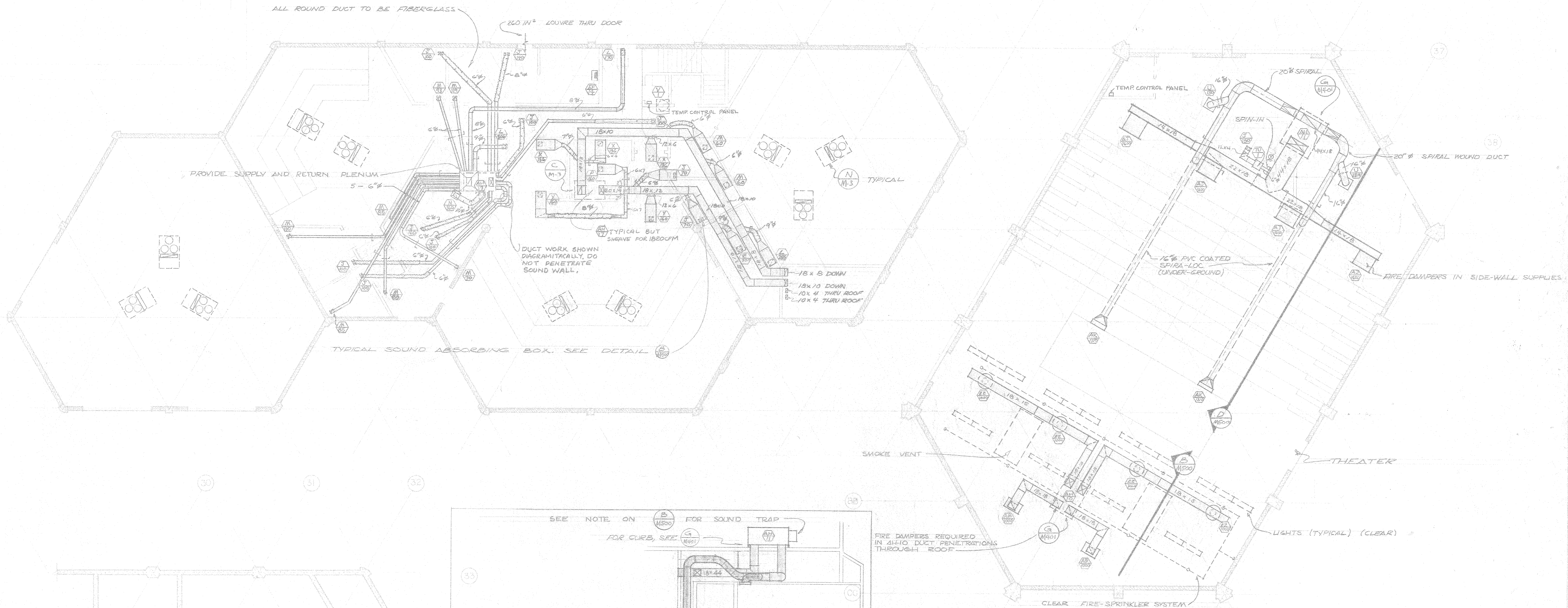


NOTE:
 1. ALL ROOF MOUNTED AIR HANDLERS SHALL BE CURB MOUNTED. S/M401 SHOWS TYPICAL CURB WITH SHIM STRIPS ON TOP OF ROOF DECK IF LEVELING IS REQUIRED. SHIMS NOT REQUIRED IF CURB IS LEVEL. BLOCCING, SHIMS & CURB SETTING BY SHELL CONTRACTORS. GANT STRIPS BY ROOFERS. LAYOUT BY MECH CONTRACTOR. MULTI IS CURB MOUNTED E/F, 2 & ALL EQUIPMENT MOUNTED PER A/M600 UNLESS SHOWN SUSPENDED.



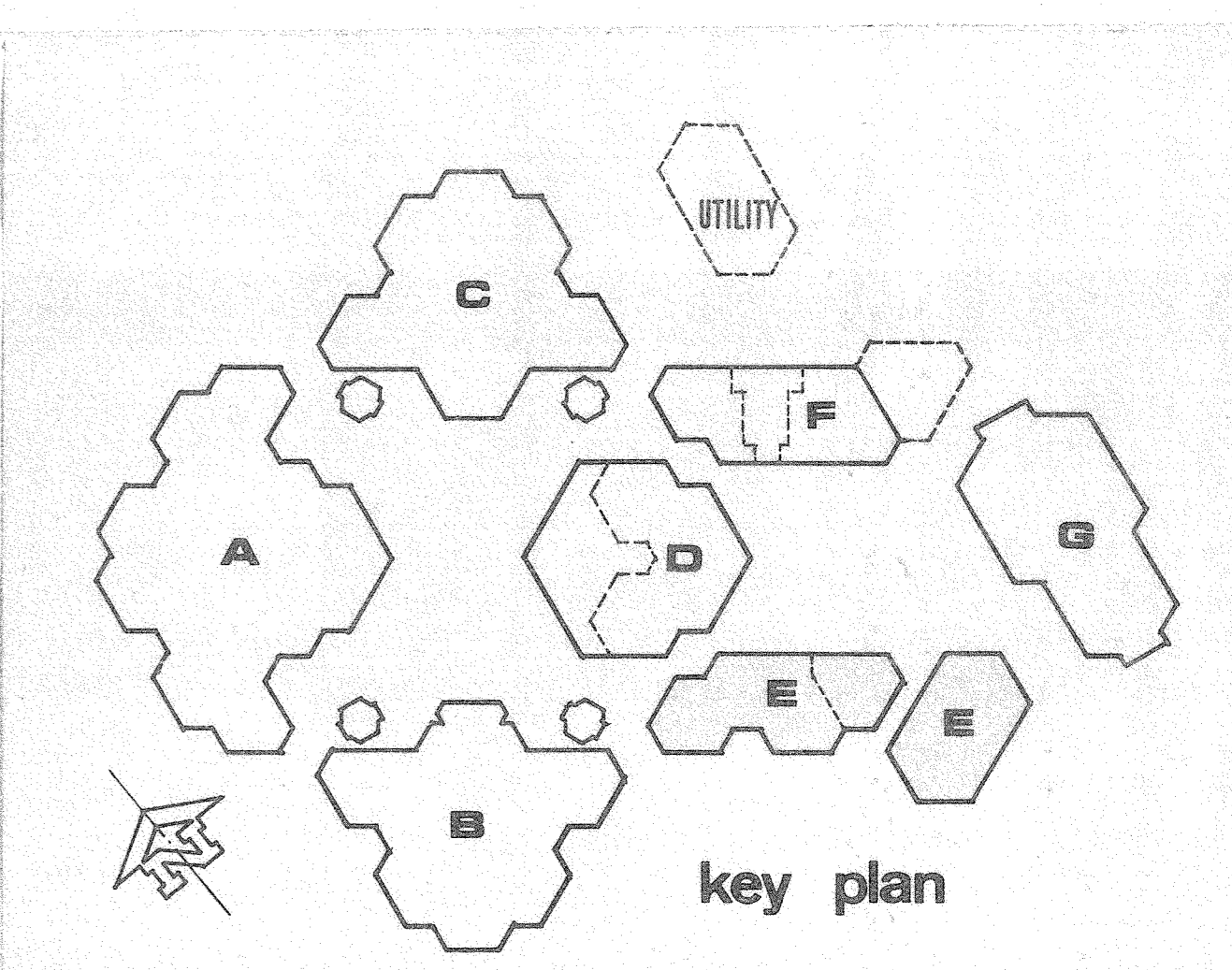
AS BUILT
GENERAL REVISIONS FEB. 5, 1975

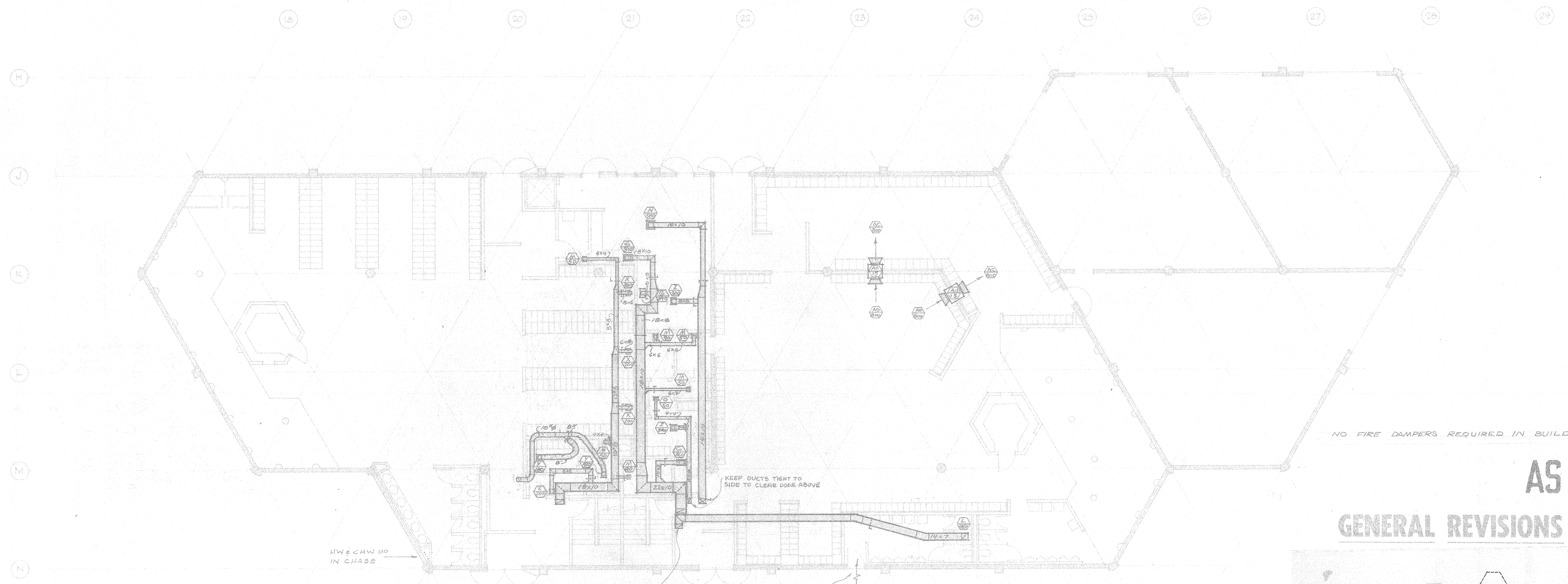
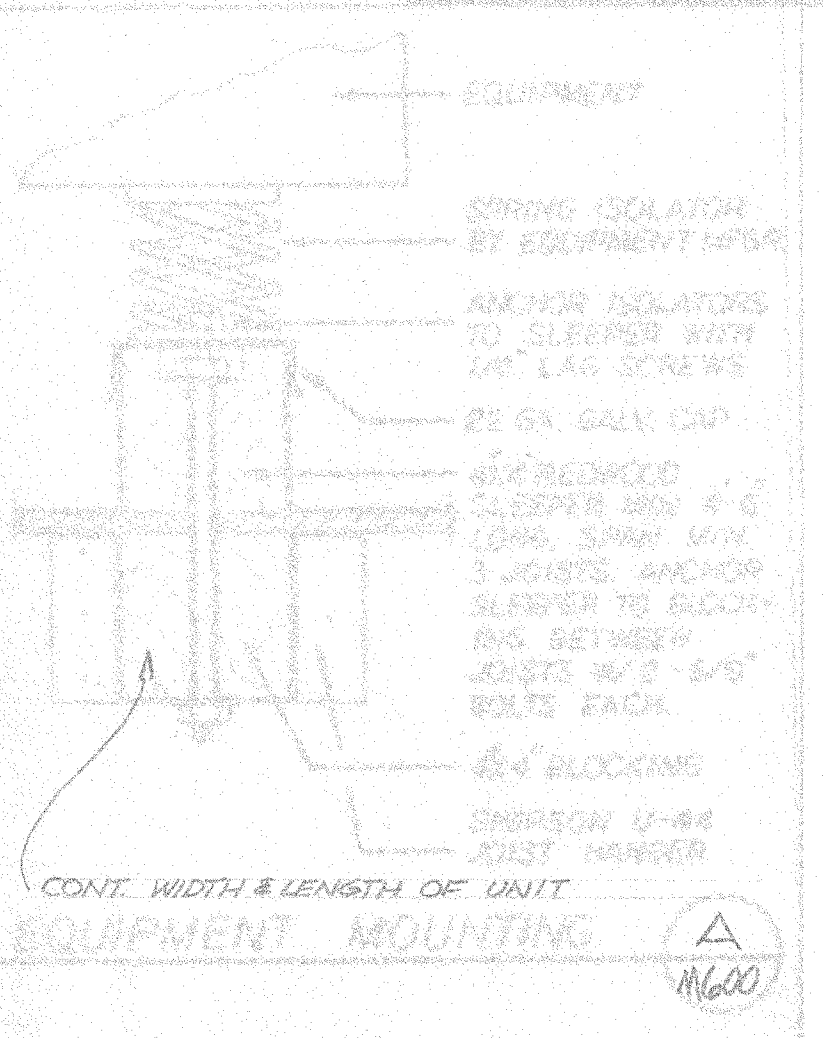




IN BUILDING E PROVIDE ORANGE COUNTY FIRE MARSHALL APPROVED FIRE DAMPERS IN ALL DUCTS PENETRATING CEILING. EXCEPTION: THOSE DUCTS CONNECTED TO AH-1 WHICH PENETRATE CEILING DO NOT REQUIRE FIRE DAMPERS. SEE DWG FOR ADDITIONAL DAMPERS.

AS BUILT
GENERAL REVISIONS FEB. 5, 1975

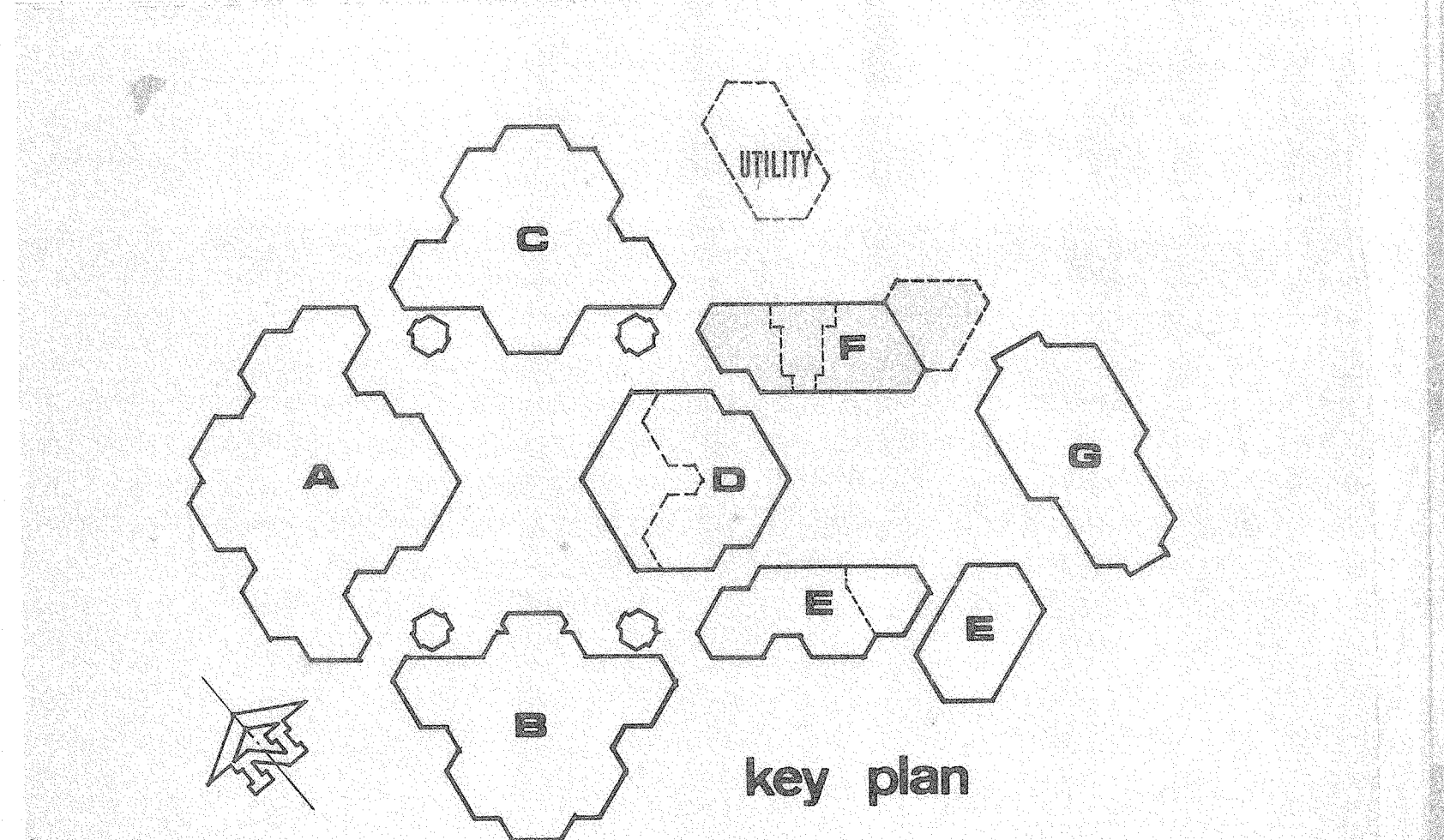




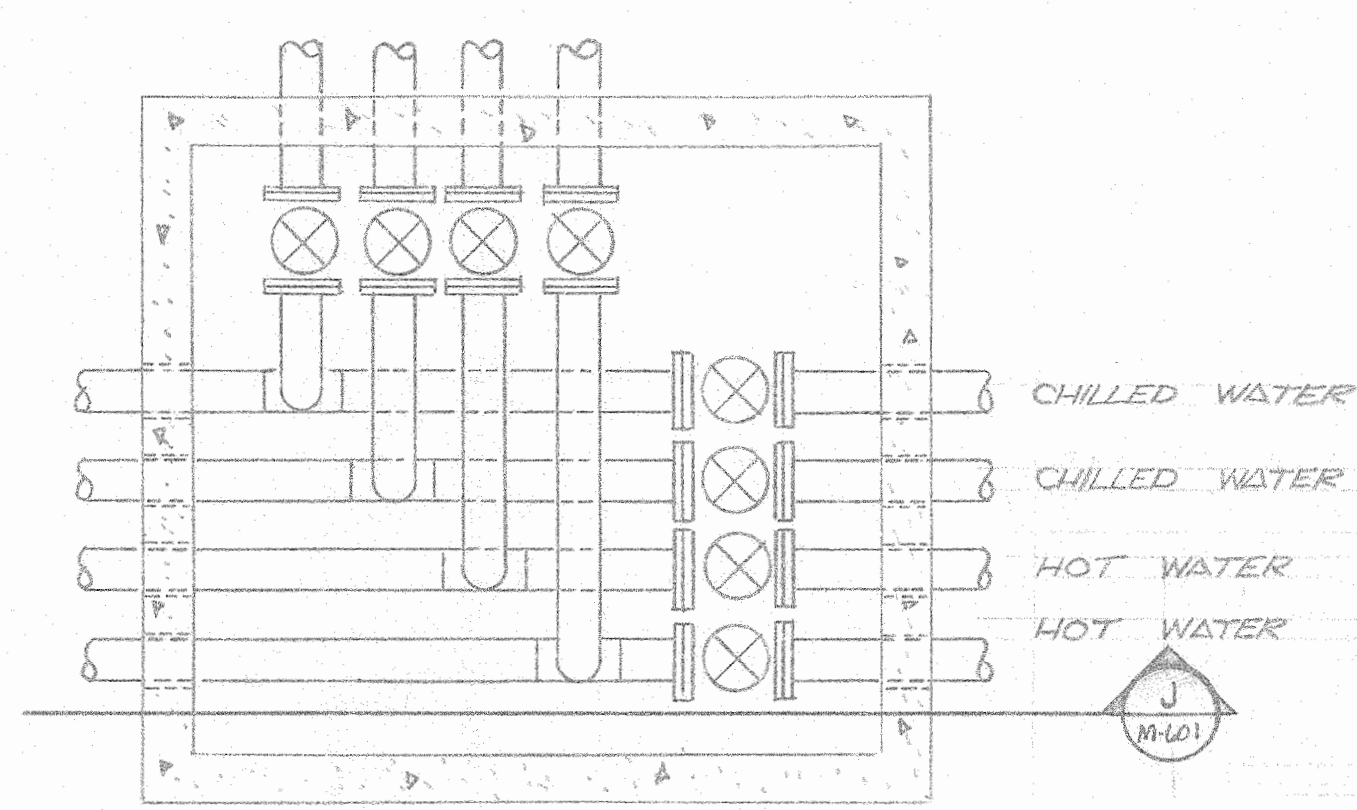
NO FIRE DAMPERS REQUIRED IN BUILDING F.

AS BUILT

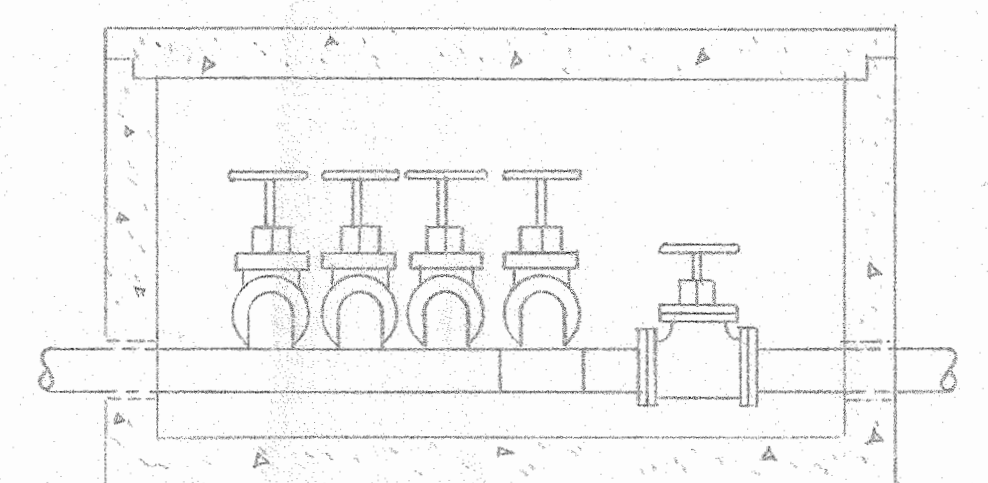
GENERAL REVISIONS FEB. 5, 1975



DATE DRAWN 12/9/74 DRAWN BY CHECKED BY REVISION DATE 5 FEB 75	FIRE MARSHAL APPROVED STATE OF CALIFORNIA DATE NOV 7 1974	OFFICE OF ARCHITECTURE & CONSTRUCTION STATE OF CALIFORNIA - DEPARTMENT OF GENERAL SERVICES OFFICE OF ARCHITECTURE AND CONSTRUCTION 37345 APPROVED DEC 5 1974 INCREMENTAL APPROVAL FOUNDATION & FRAME ONLY	ENGINEER P.R. McCOY & ASSOCIATES MECHANICAL AND ELECTRICAL ENGINEERS 577 STOCKTON AVE. SAN JOSE, CALIF. 95128	IRVINE HIGH SCHOOL	RON D. YOUNG ARCHITECTURAL ORGANIZATION 	MECHANICAL FLOOR PLAN SCALE: 1/8" = 1'-0"	BUILDING F	M600
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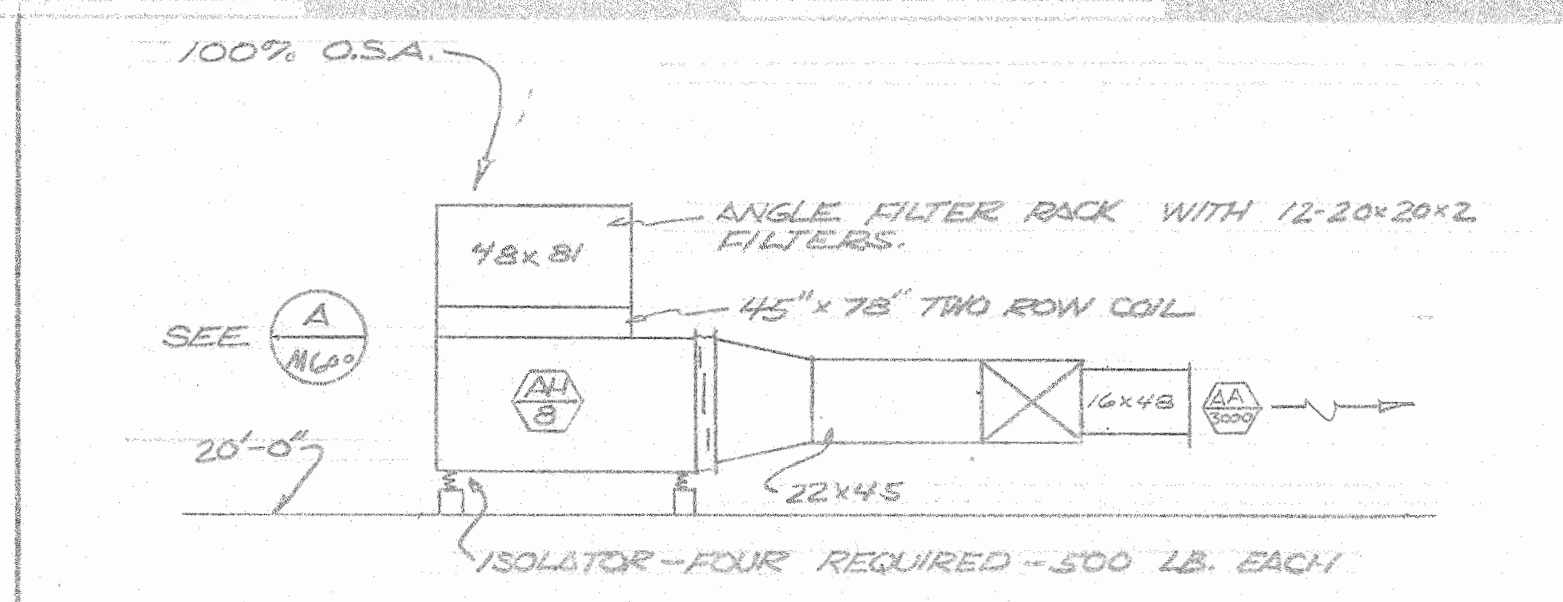


PLAN VIEW

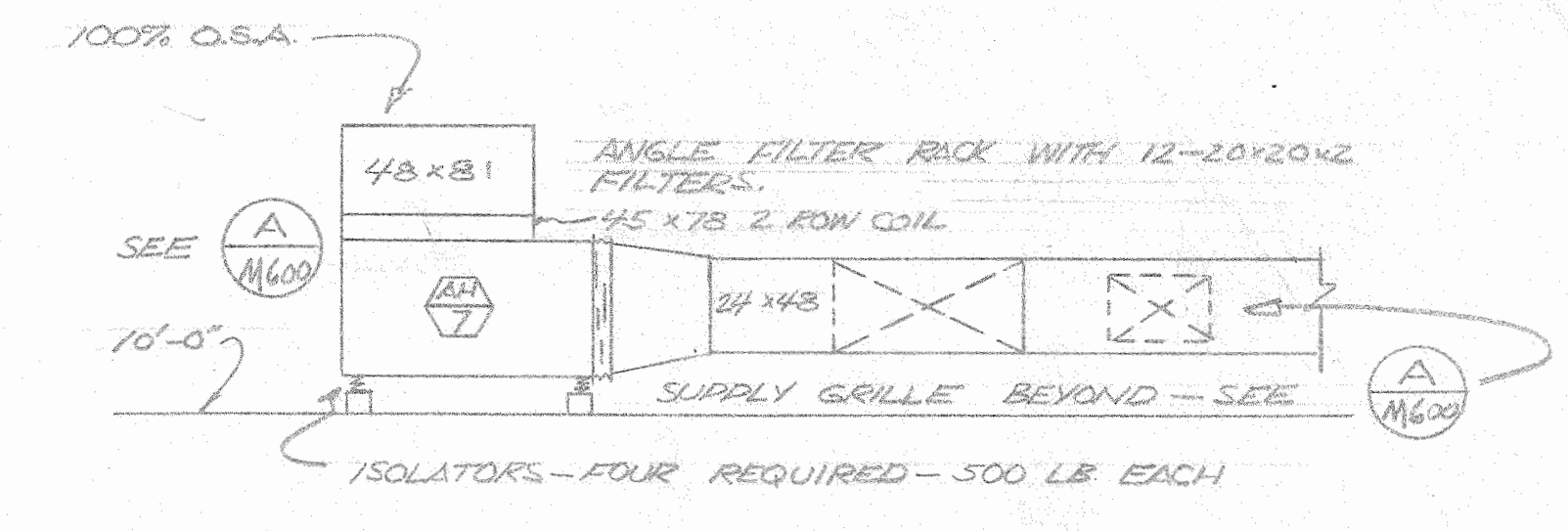


SECTION J

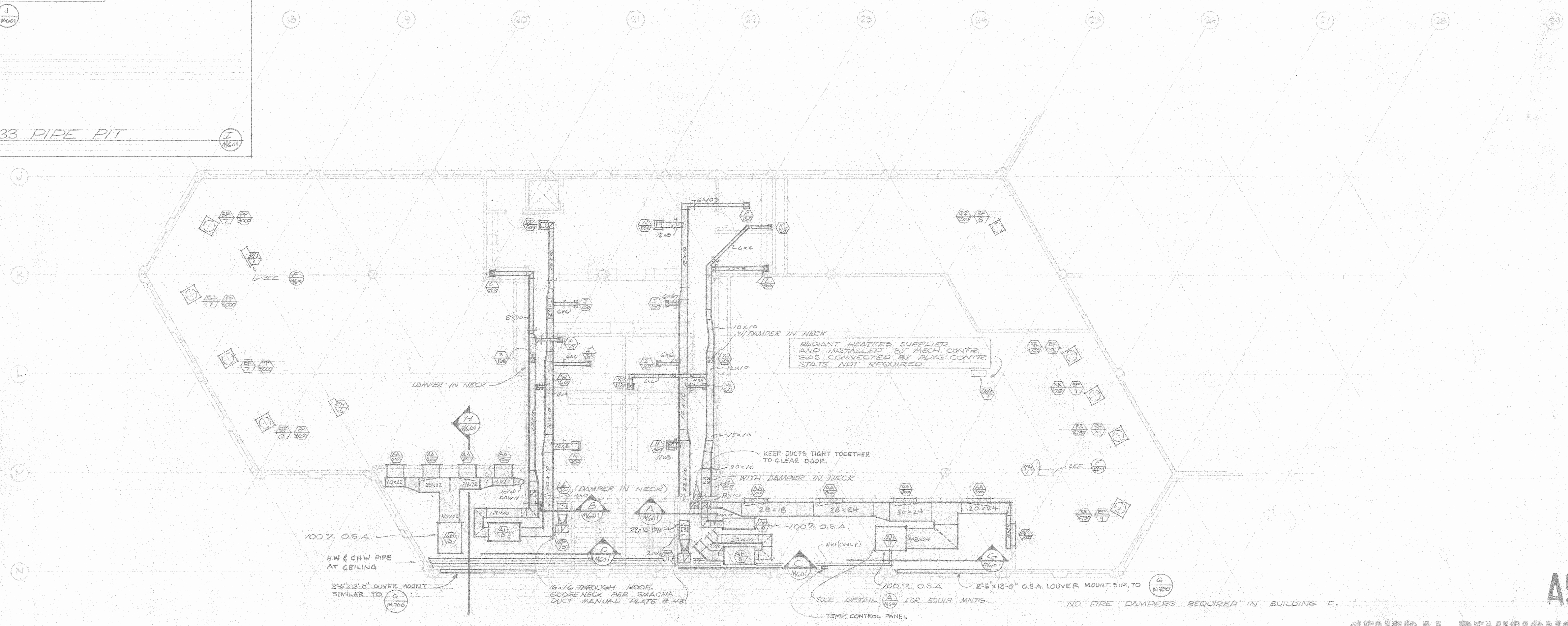
CHRISTY R-33 PIPE PIT
NO SCALE



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

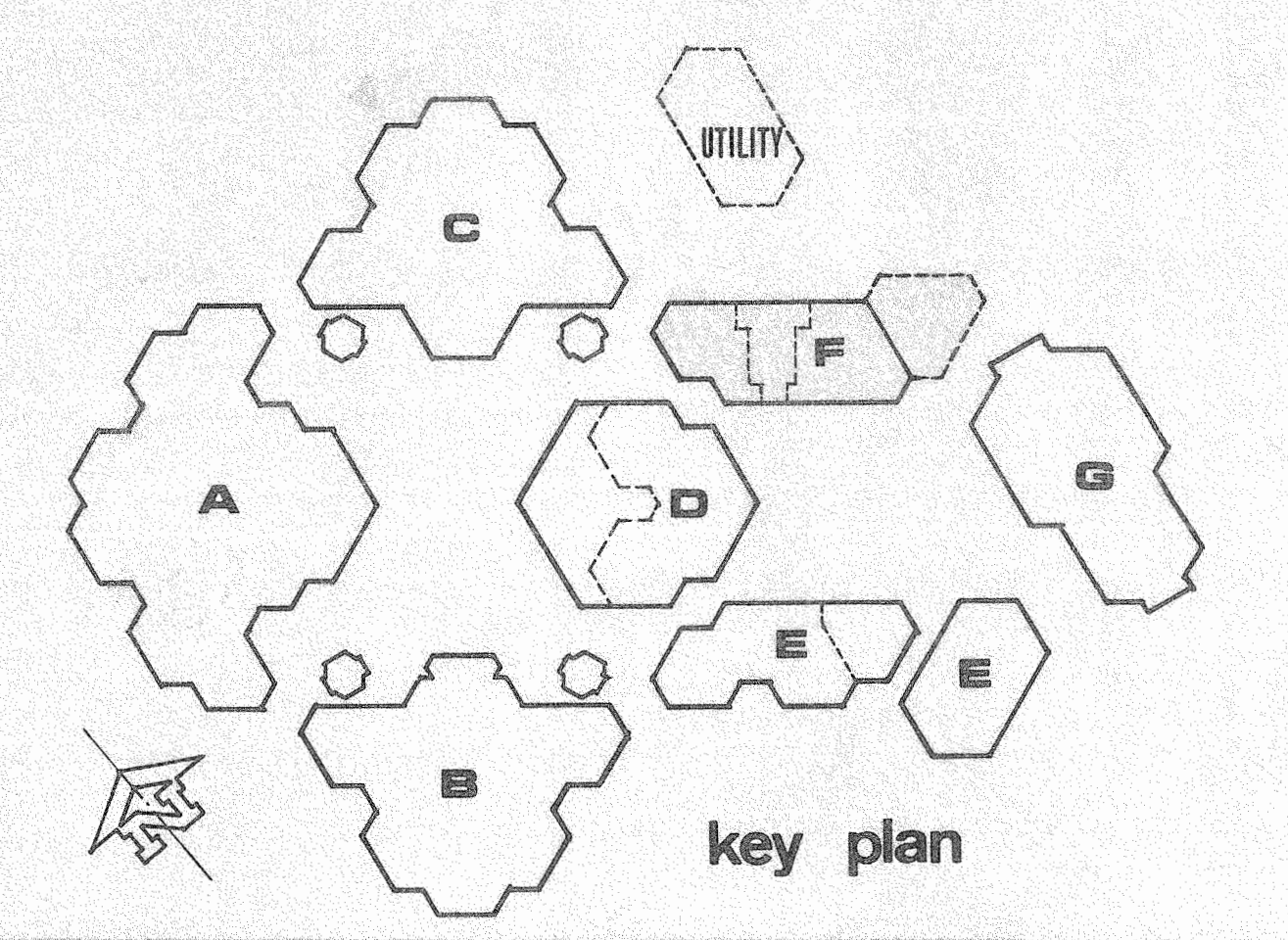
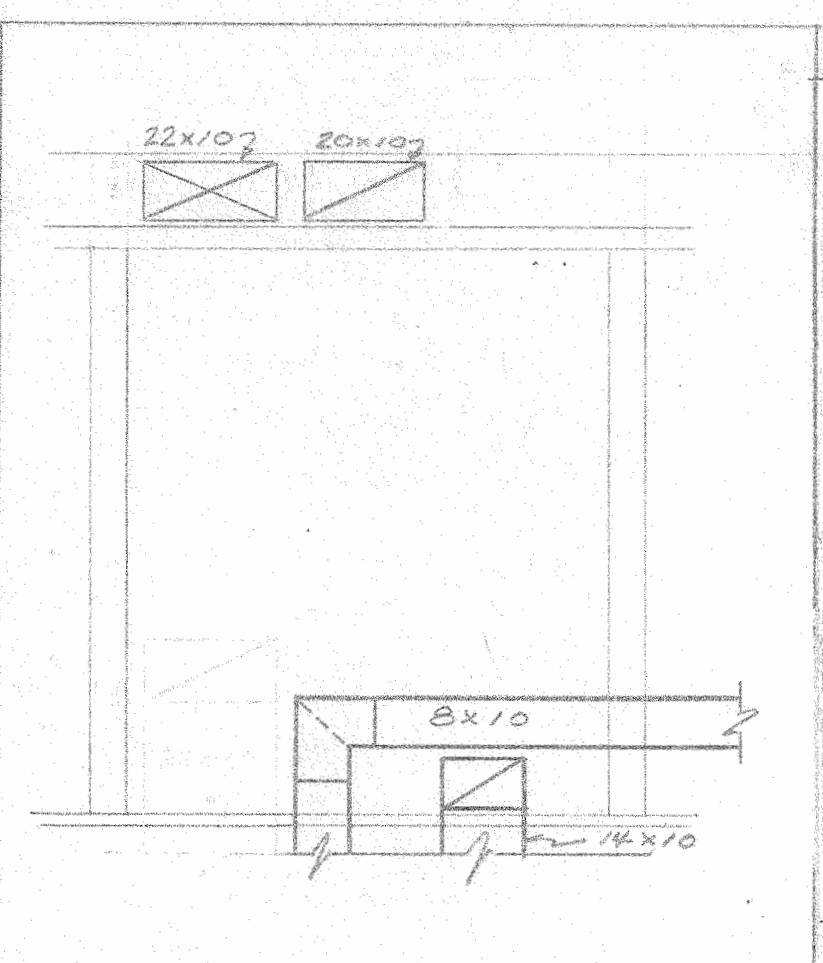
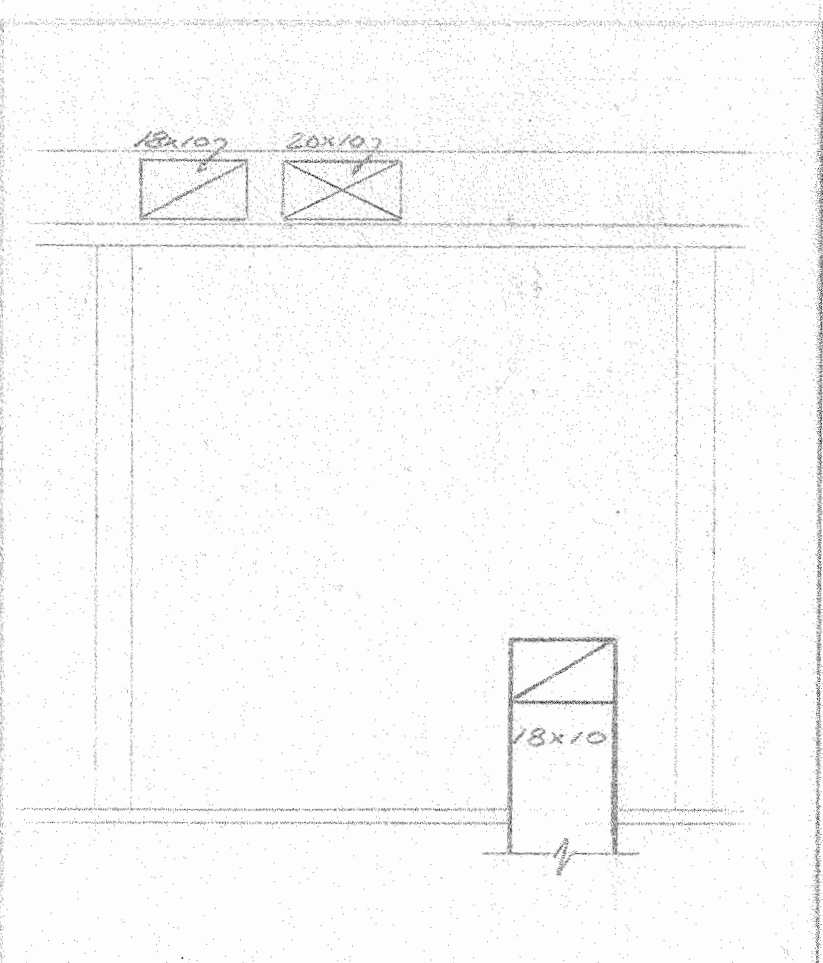
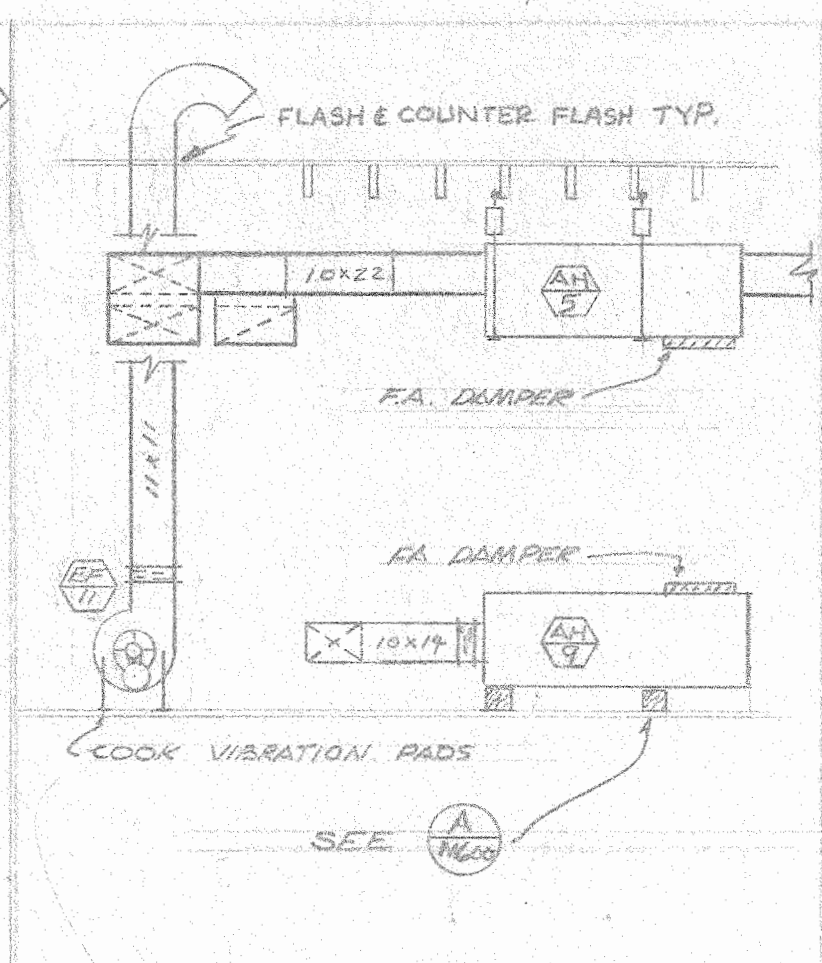
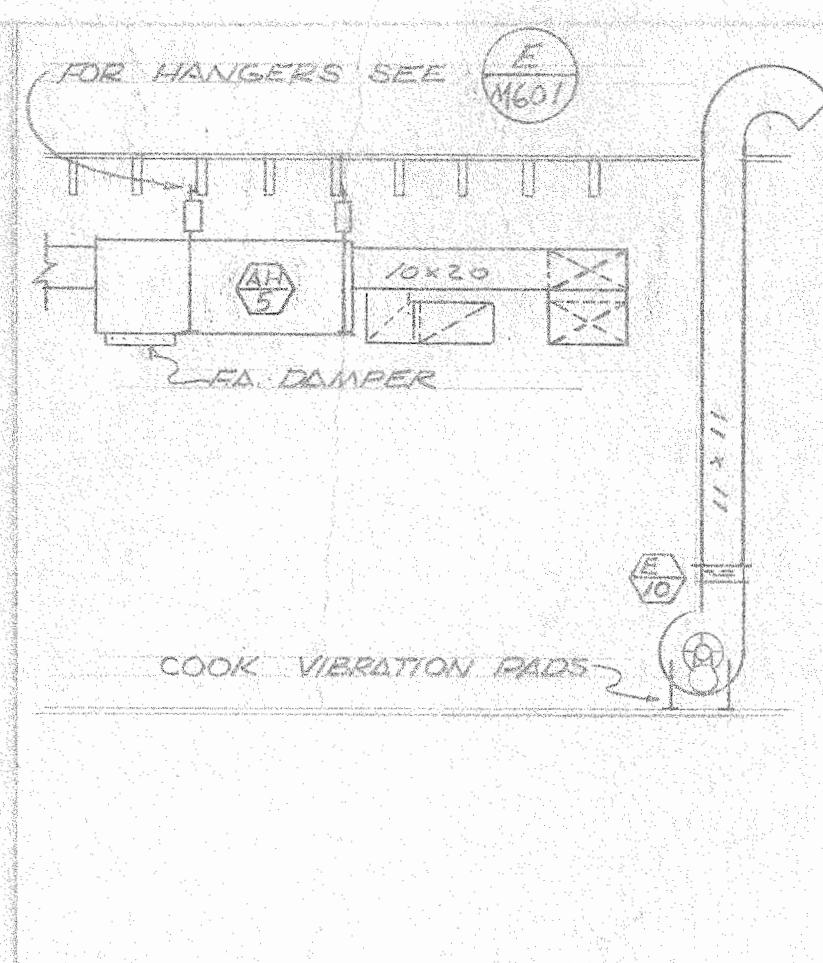
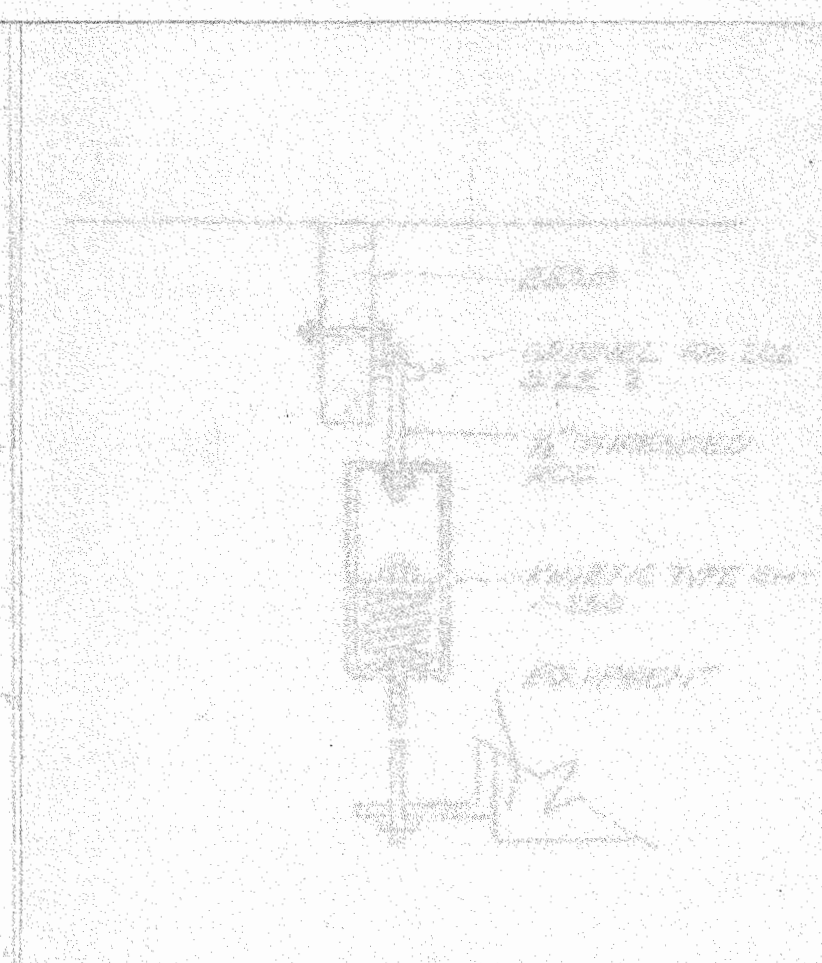
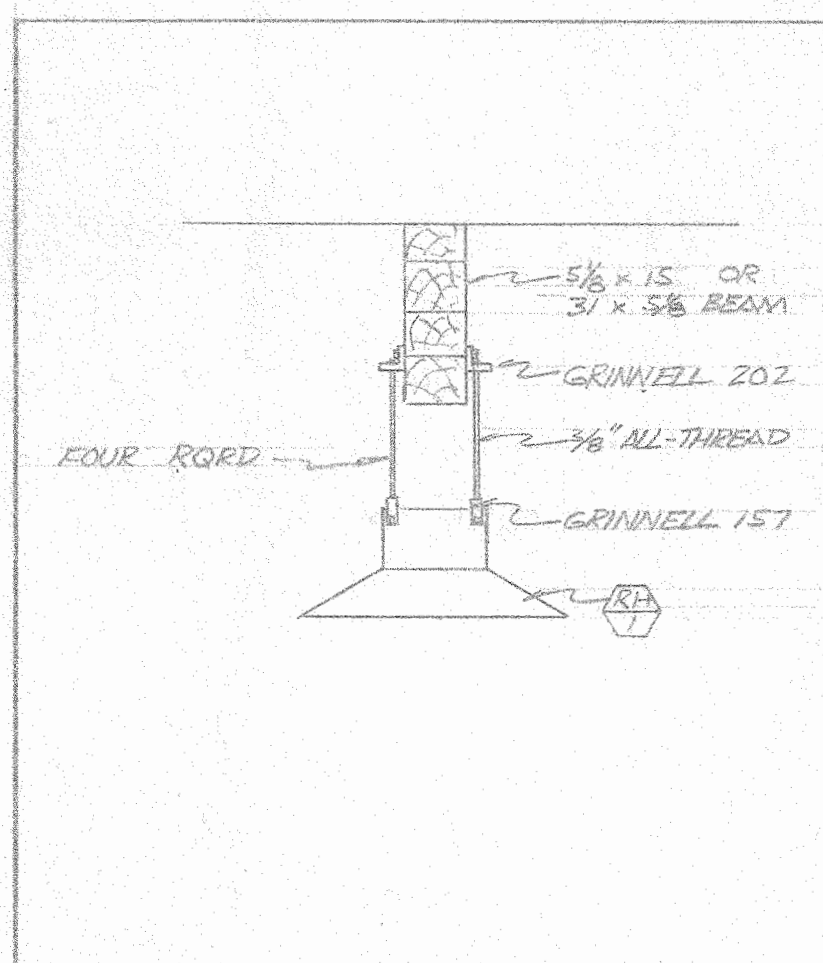


SECTION E
SCALE: 1/4" = 1'-0"

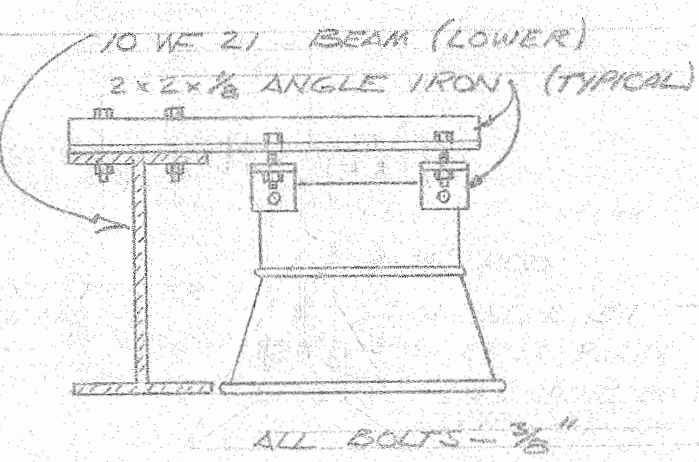


AS BUILT

GENERAL REVISIONS FEB. 5, 1975

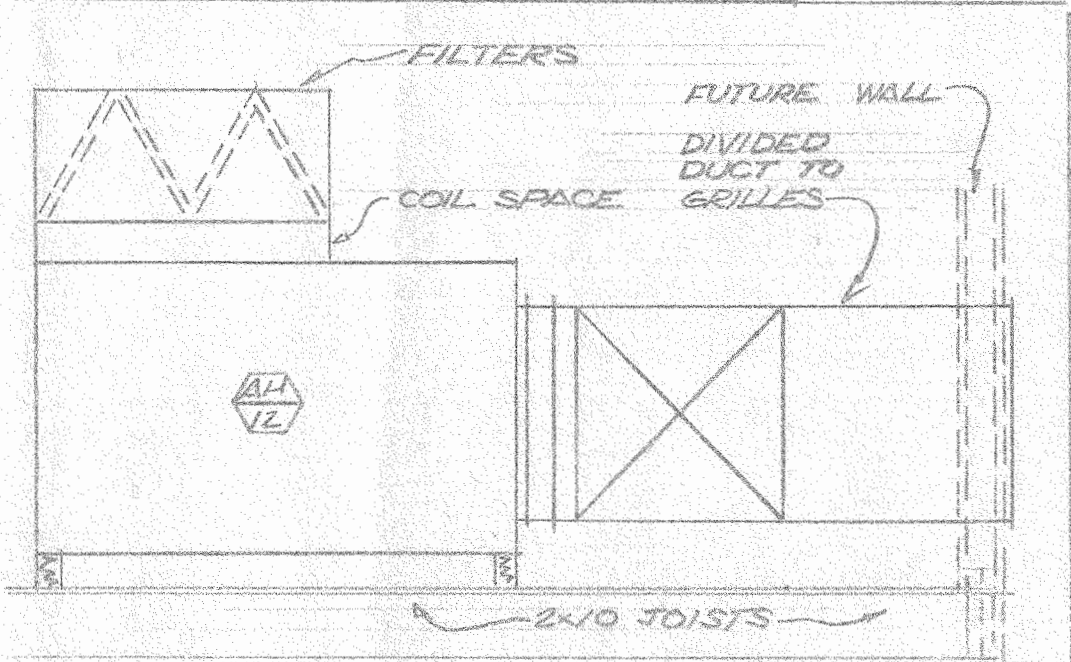


DATE DRAWN 12/9/74	FIRE MARSHAL APPROVED	STATE OF CALIFORNIA - DEPARTMENT OF GENERAL SERVICES OFFICE OF ARCHITECTURE AND CONSTRUCTION	ENGINEER P.R. McCOY & ASSOCIATES MECHANICAL AND ELECTRICAL ENGINEERS 577 STOCKTON AVE SAN JOSE, CA 95128	IRVINE HIGH SCHOOL	RON D. YOUNG ARCHITECTURAL ORGANIZATION <i>Ron D. Young</i>	MECHANICAL FLOOR PLAN SCALE: 1/8" = 1'-0"	BUILDING F M601
DESIGNED BY	STATE FIRE MARSHAL STATE OF CALIFORNIA	37345 APPROVED DEC 5 1974	INCREMENTAL APPROVAL FOUNDATION & FRAME ONLY				
REVISION DATE 5 FEB 75							



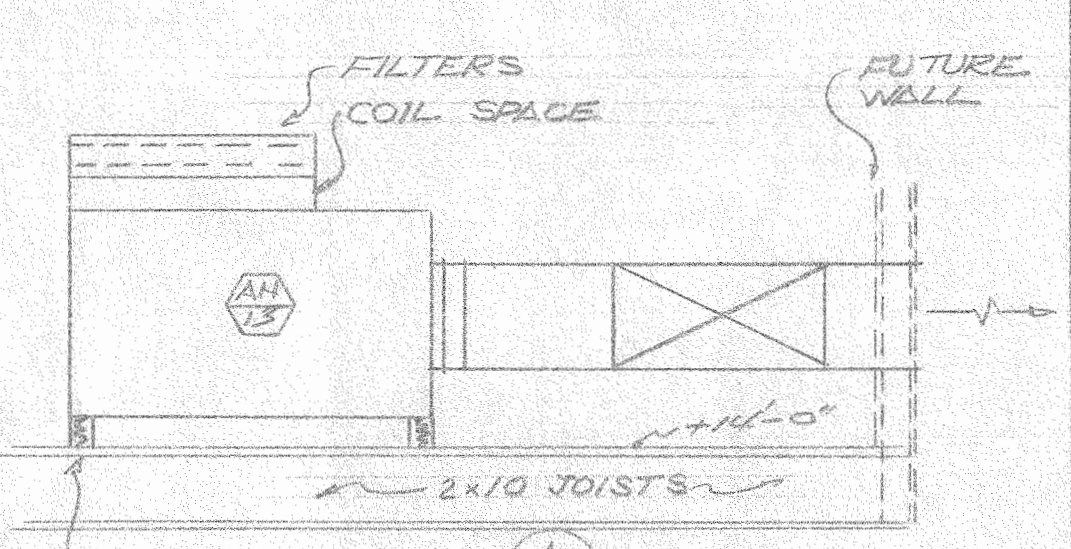
THIS DWG. SHOWS ONE END OF HEATER ONLY. HANGER REQUIRED ON BOTH ENDS.

RADIANT HEATER
SCALE: 3/4" = 1'-0"



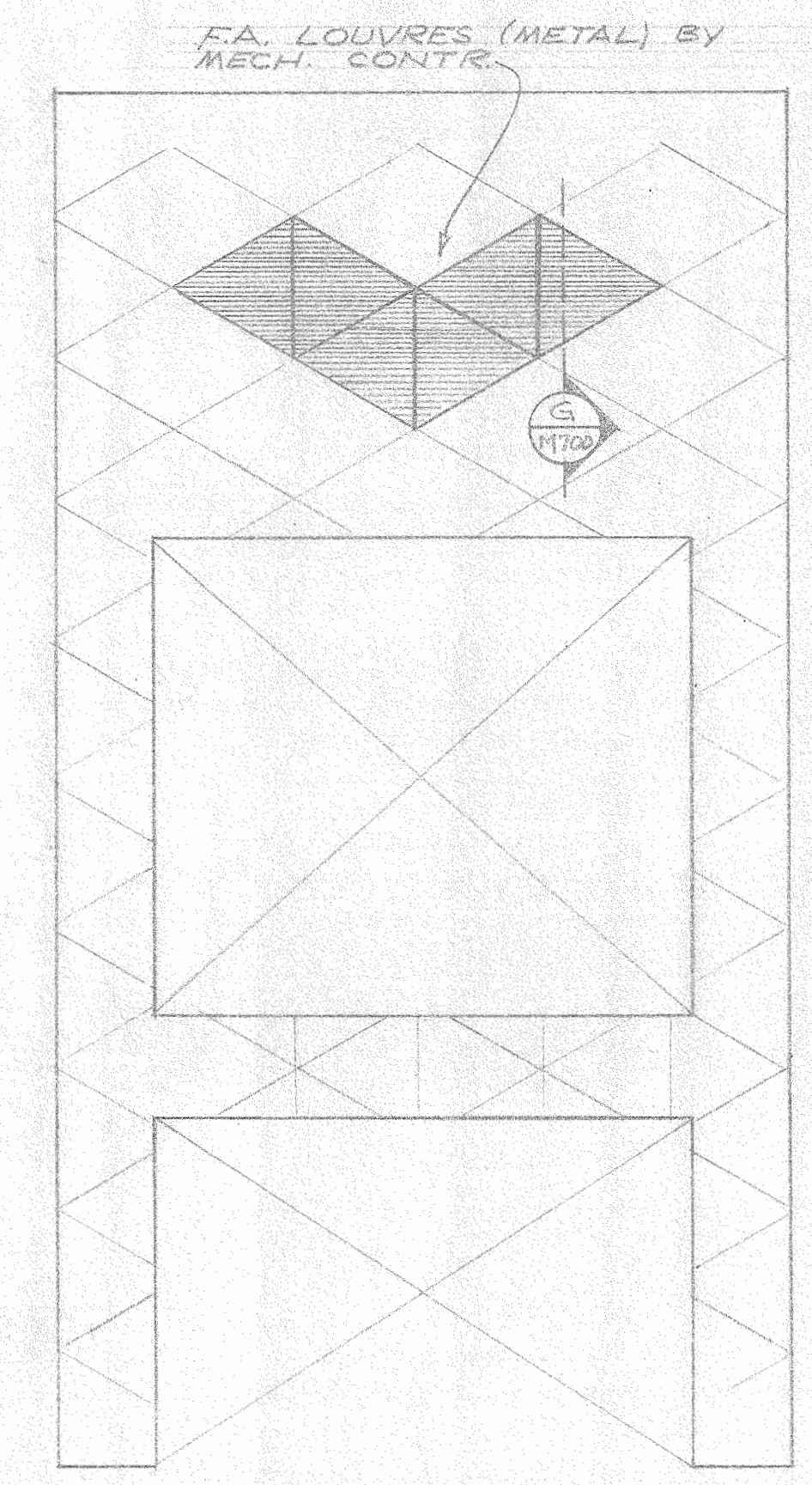
SEE MOUNTING DETAIL

SECTION
SCALE: 3/8" = 1'-0"

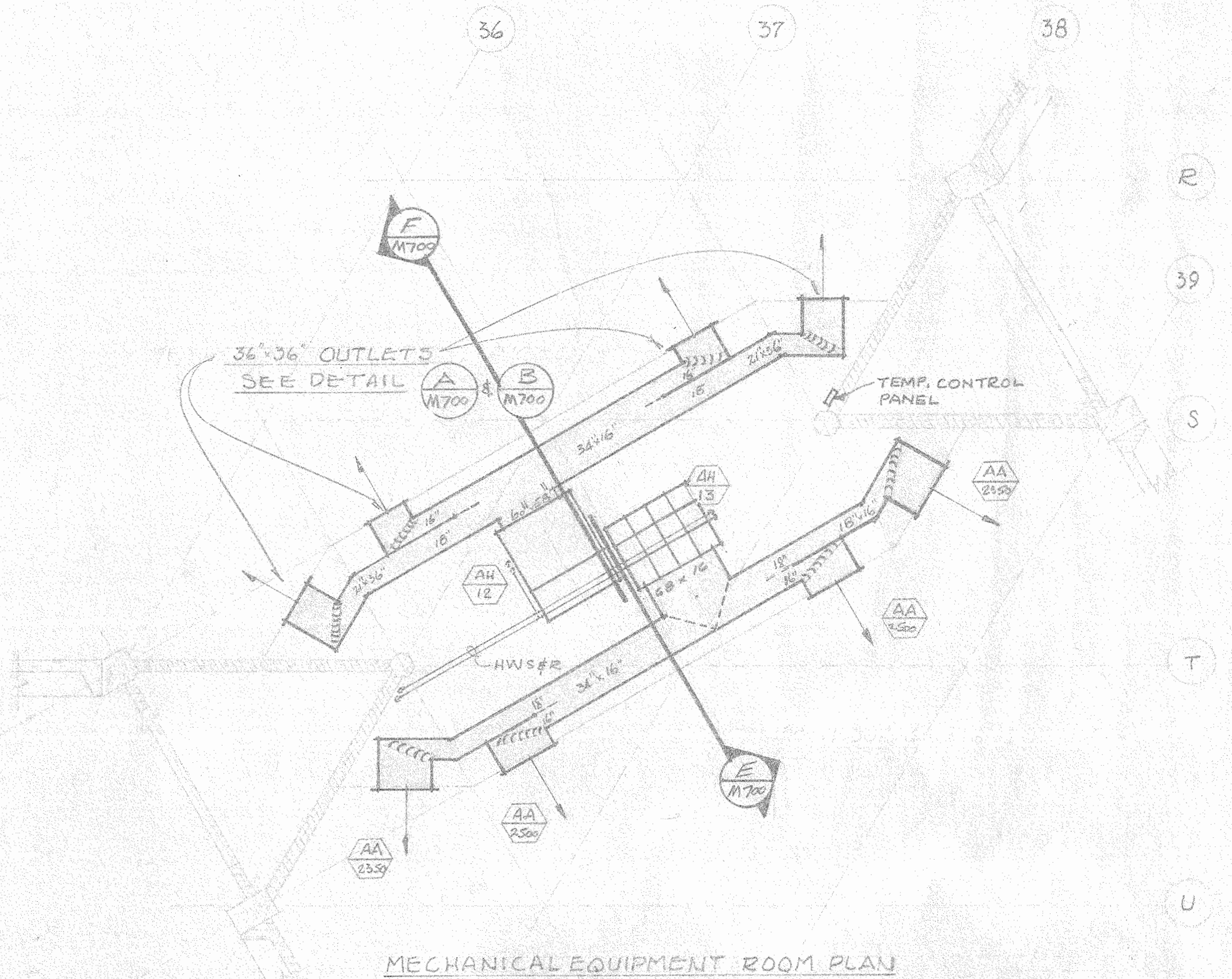
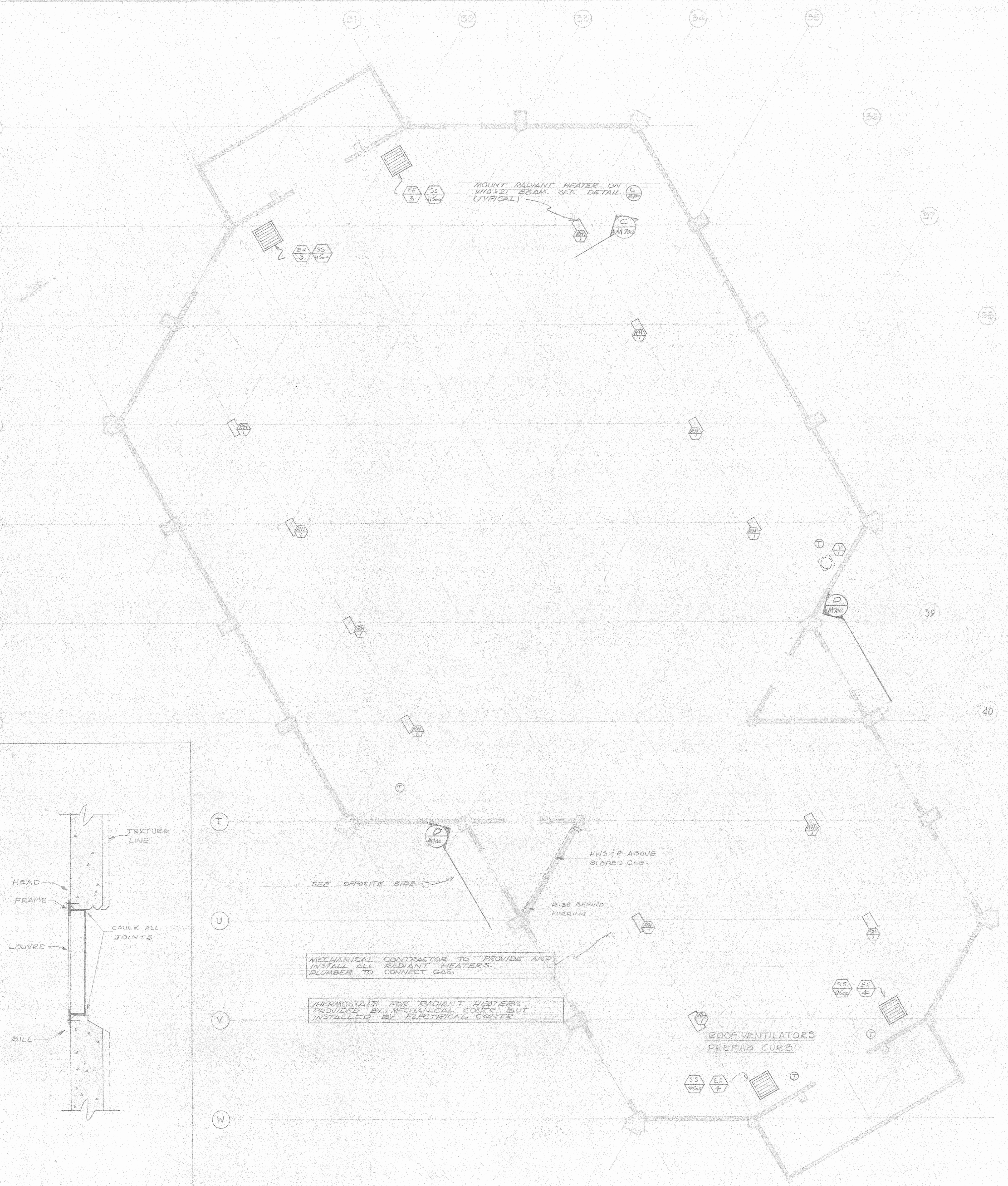


SEE MOUNTING DET.

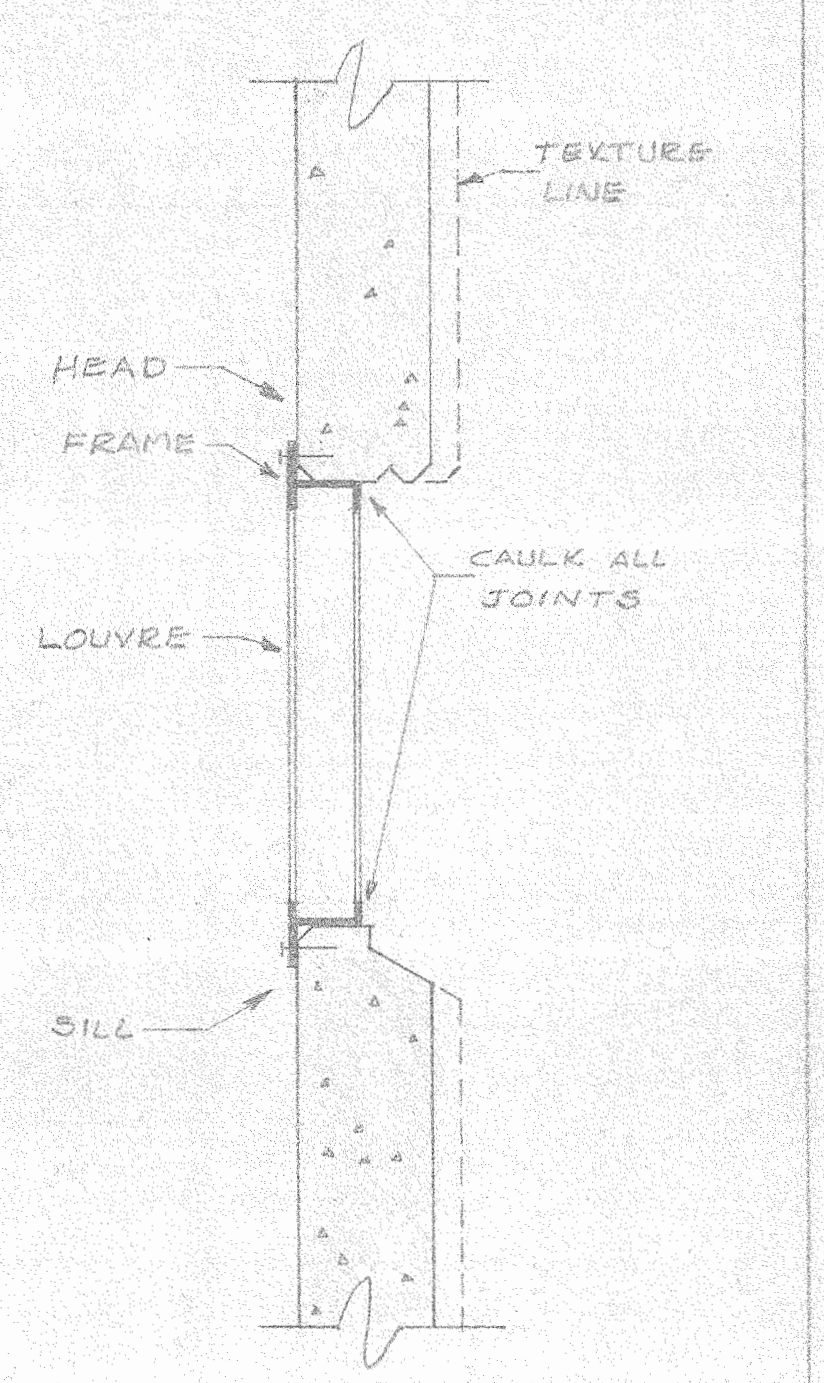
SECTION
SCALE: 3/8" = 1'-0"



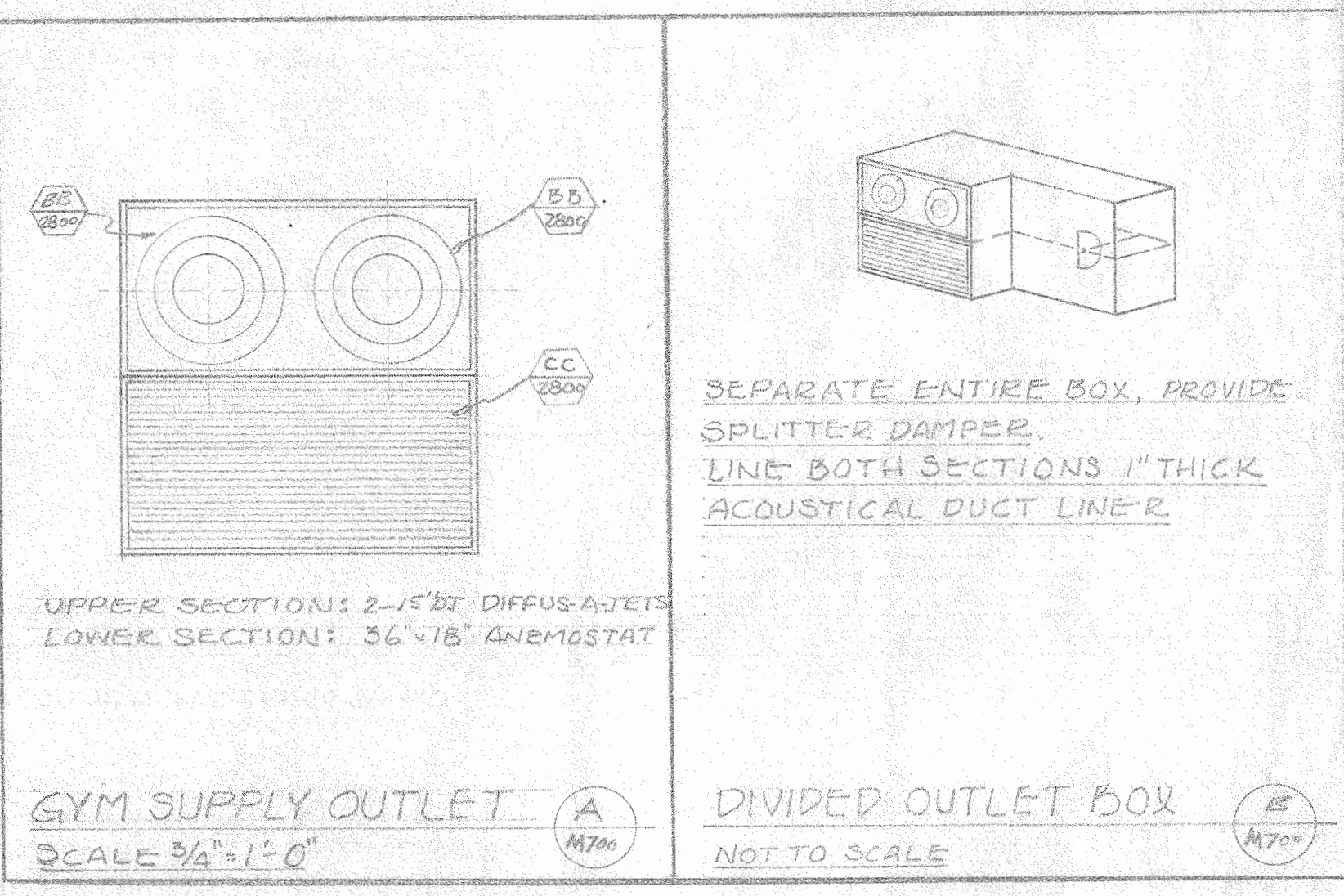
PANEL ELEVATION
SCALE: 1/4" = 1'-0"



MECHANICAL EQUIPMENT ROOM PLAN

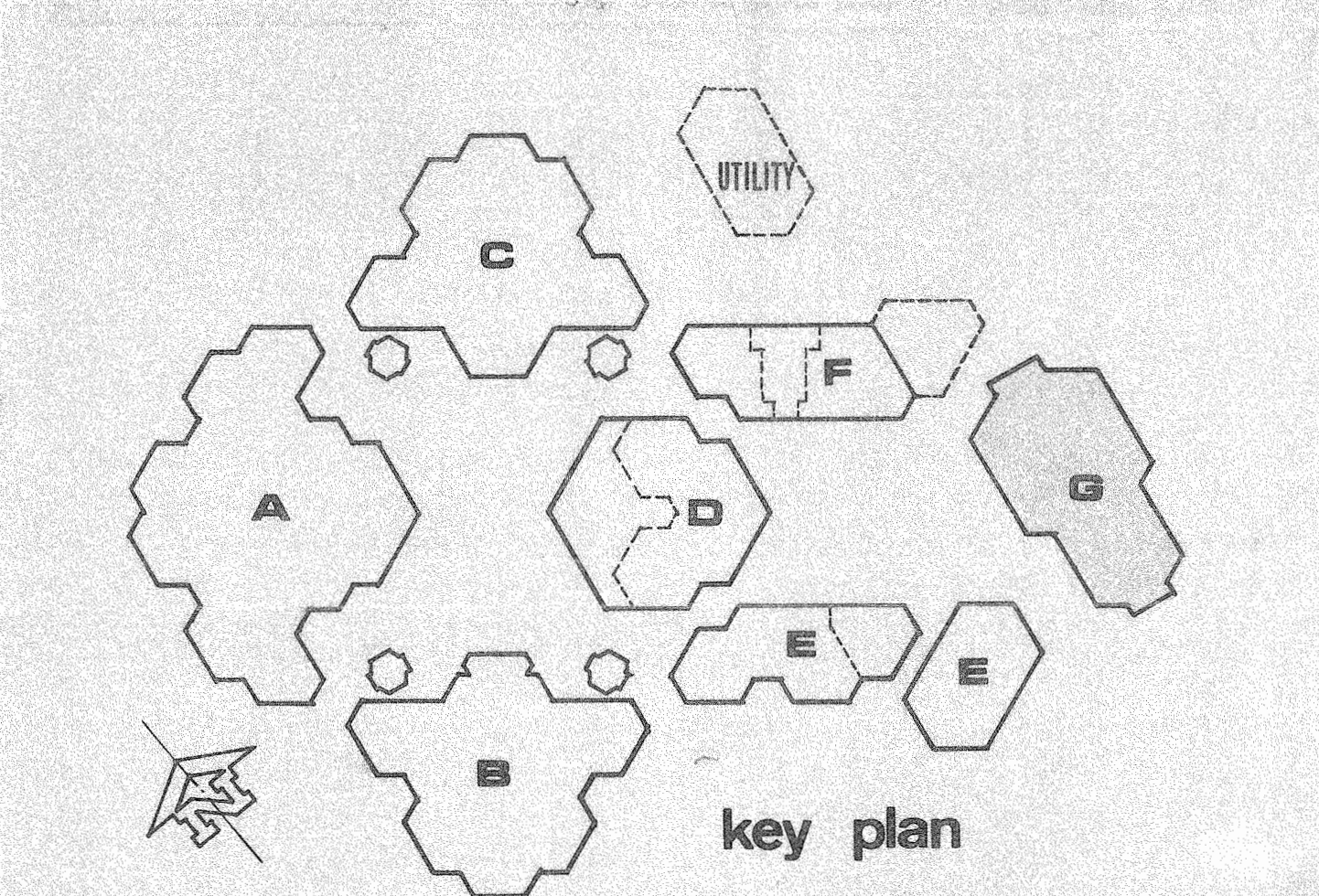


LOUVRE SECTION
SCALE: 1" = 1'-0" AS REVISED FEB 5 1975



GYM SUPPLY OUTLET SCALE: 3/4" = 1'-0"
DIVIDED OUTLET BOX NOT TO SCALE

GENERAL REVISIONS FEB 5 1975



key plan

DATE DRAWN: 12/19/74
 CHECKED BY: [Signature]
 APPROVED BY: [Signature]
 STATE FIRE MARSHAL: [Signature]
 DATE: NOV 28 1974
 INCREMENTAL APPROVAL: FOUNDATION & FRAME ONLY
 APPLICATION: [Signature]
 DATE: DE 19 1974

ENGINEER
P.R. McCoy & Associates
 MECHANICAL AND ELECTRICAL ENGINEERS
 397 STOCKTON AVE
 SAN JOSE, CALIF. 95128

IRVINE HIGH SCHOOL

RON D. YOUNG ARCHITECTURAL ORGANIZATION
 [Signature]

MECHANICAL FLOOR PLAN
 SCALE: 3/8" = 1'-0"

AS BUILT
 BUILDING: G
 SHEET: M700