

DUNN 35 11-76 63522+



Gunnar Birkerts Associates Architects

tel 644 0604 292 Harmon street Birmingham Michigan

Robert M. Darvas Associates STRUCTURAL ENGINEERS ANN ARBOR, MICHIGAN Hoyem-Basso

Associates Incorporated MECHANICAL & ELECTRICAL ENGINEERS BLOOMFIELD HILLS, MICHIGAN

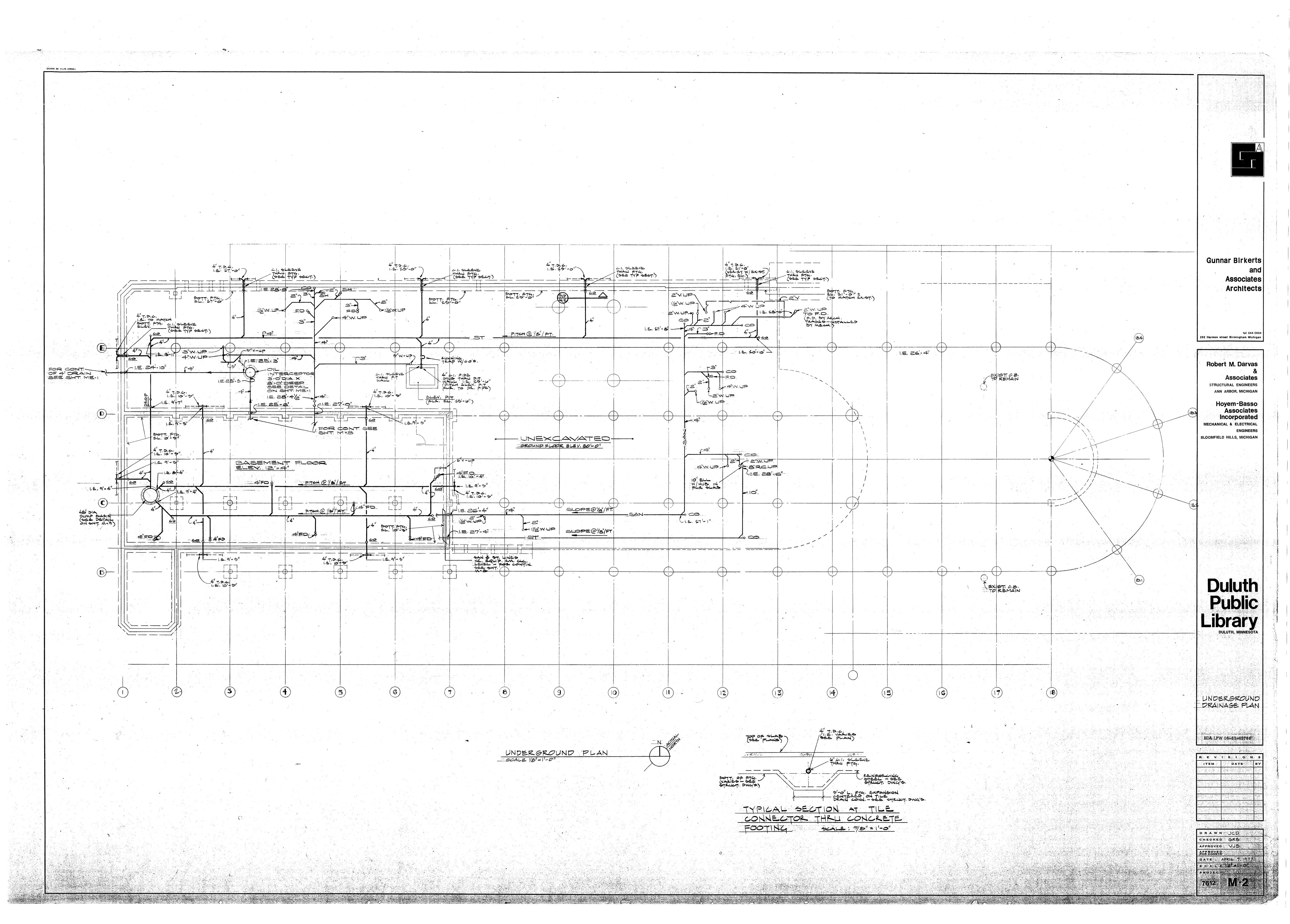
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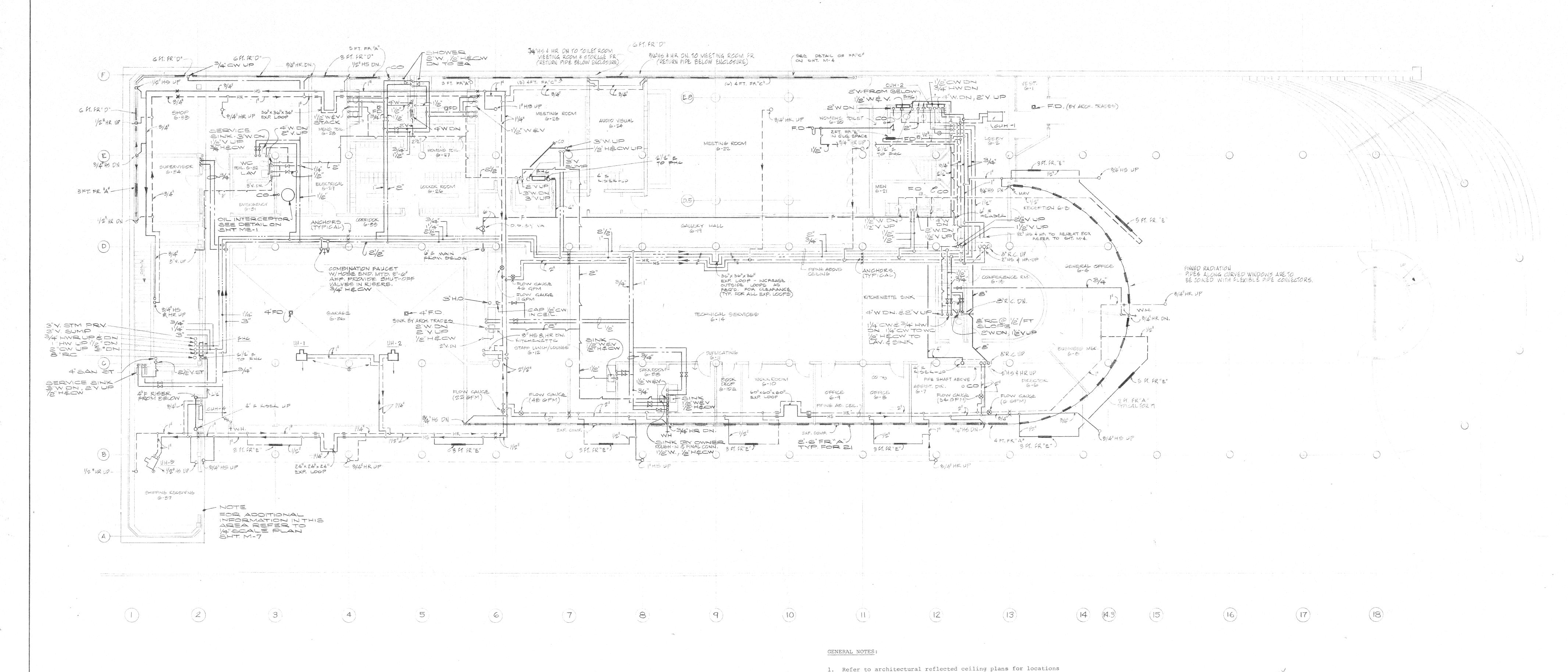
UNDERGRON DEANAGE FLAN

REVISIONS ITEM DATE BY

DRAWN CHECKED GR DATE APRI SCALE 1/8" = 1" PROJECT

7612 M-2





of ceiling mounted diffusers and registers.

dule. Refer to schedule Sheet M-12.

are to be 1/2" unless otherwise noted.

and diagrams.

noted.

2. Inlet duct sizes to variable volume boxes are noted on sche-

3. Runout pipe sizes to individual lengths of finned radiation

4. Refer to mechanical details Sheet M-9 for duct system details

5. Flexible duct connection sizes to supply air boots are to be full size of boot inlet. Refer to schedule Sheet M-12.

6. Maximum length of flexible ducts to be 5'-0" unless otherwise

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BLOOMFIELD HILLS, MICHIGAN

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GROUND FLOOR FLAN PIPING

EDA SPW 06-51-02786

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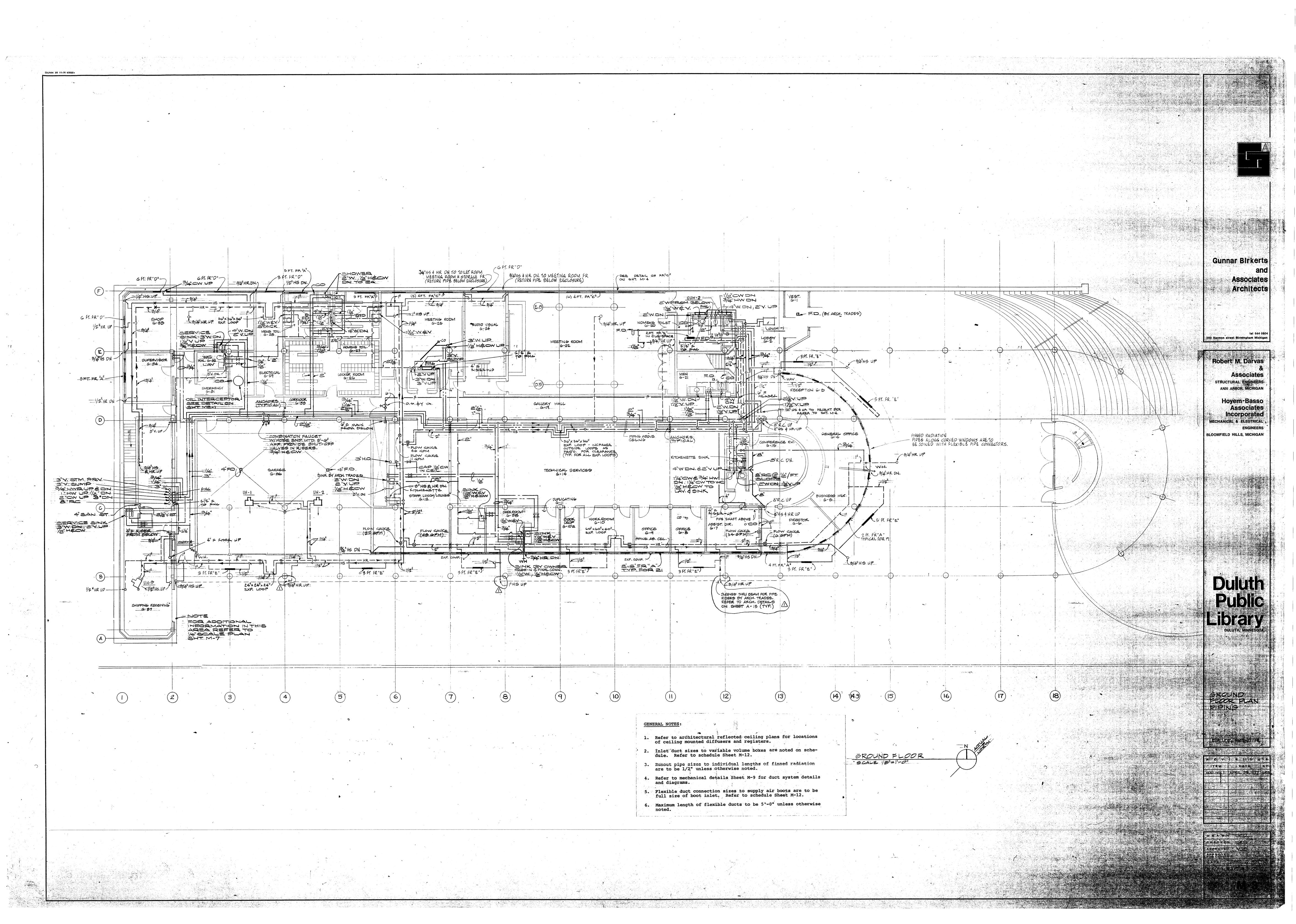
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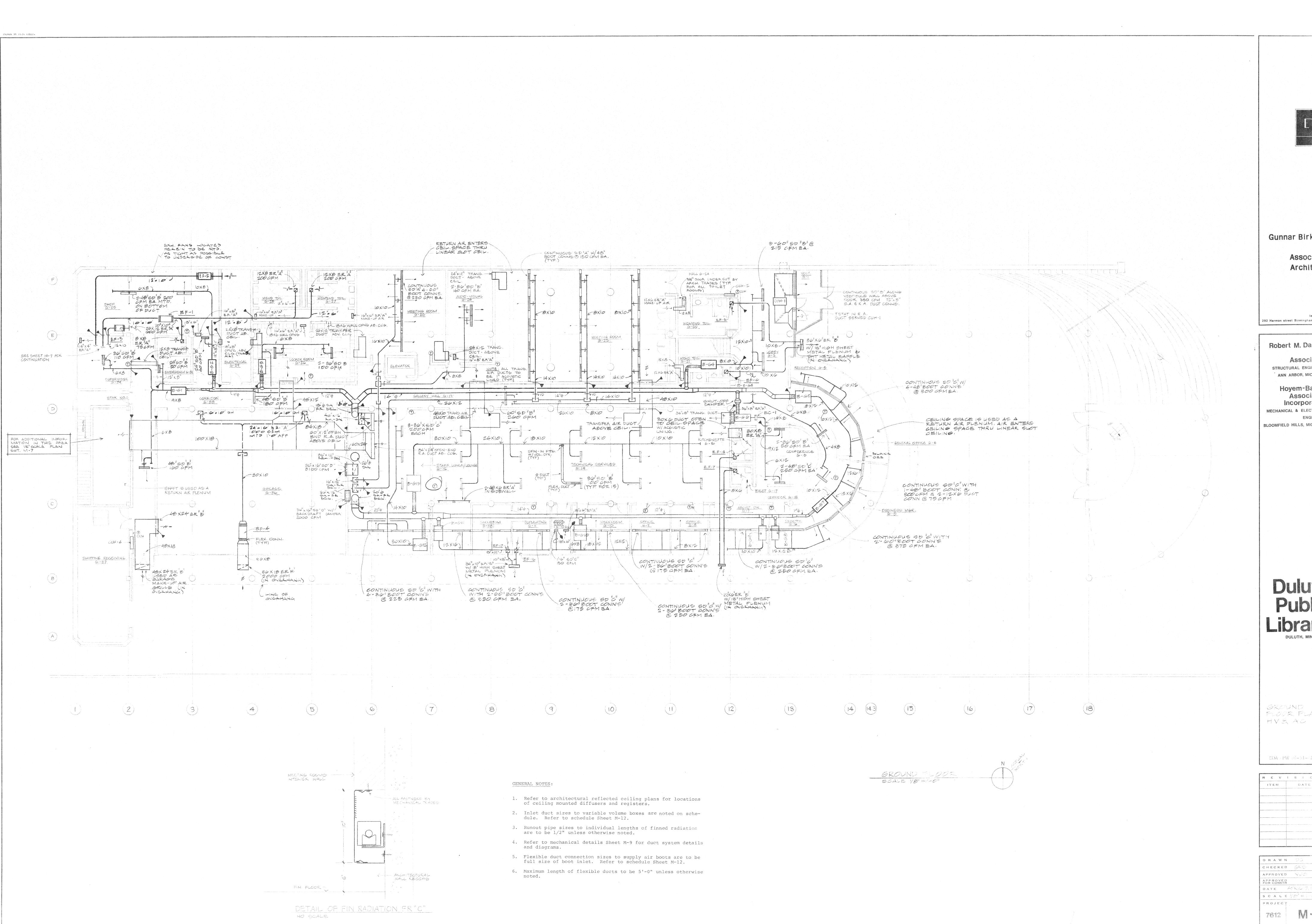
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APPROVED FOR CONSTR

DATE APRIL 7,1977

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Hoyem-Basso **Associates** Incorporated MECHANICAL & ELECTRICAL ENGINEERS BLOOMFIELD HILLS, MICHIGAN

DULUTH, MINNESOTA

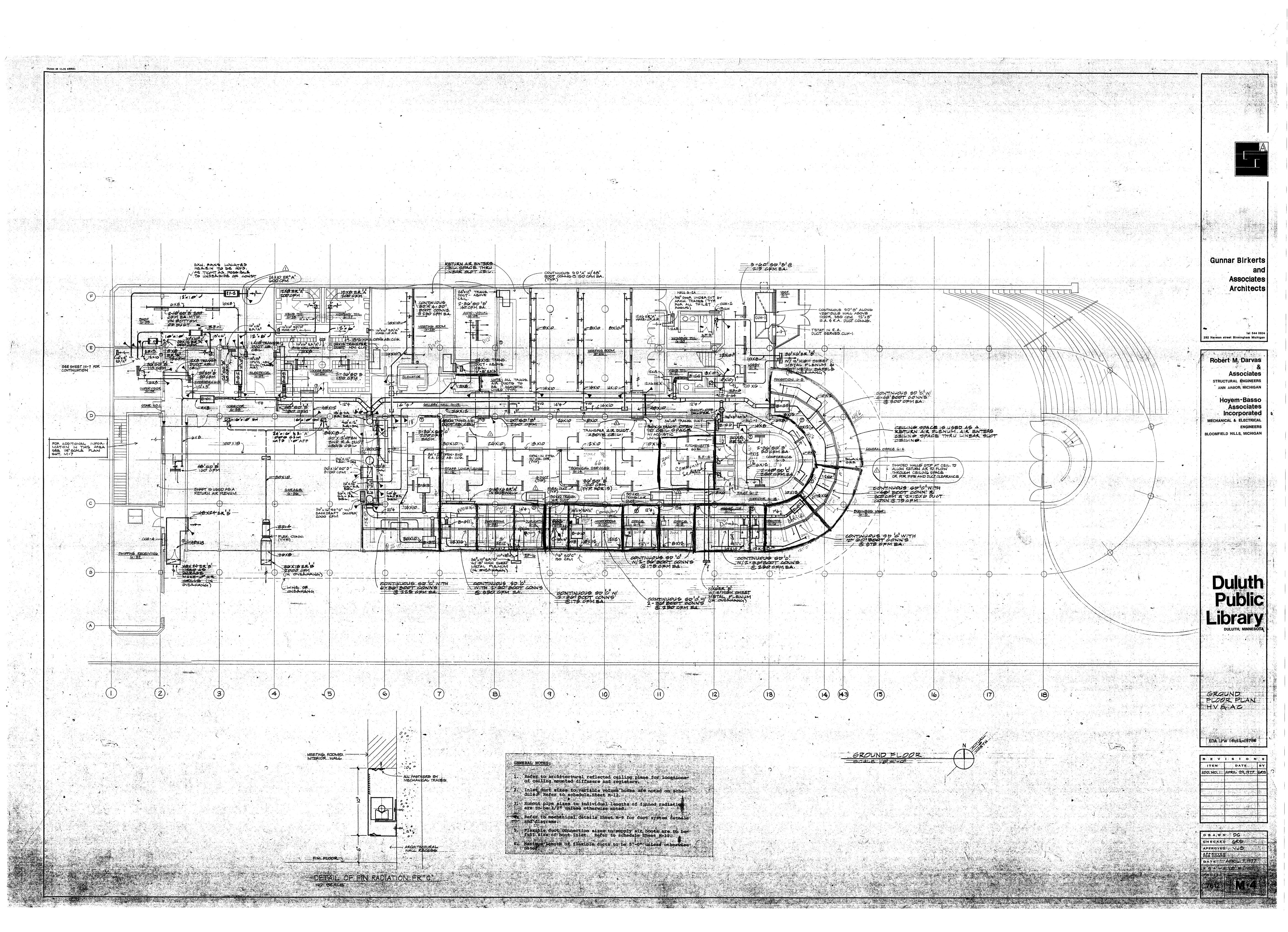
GROUND FLOOR PLAN

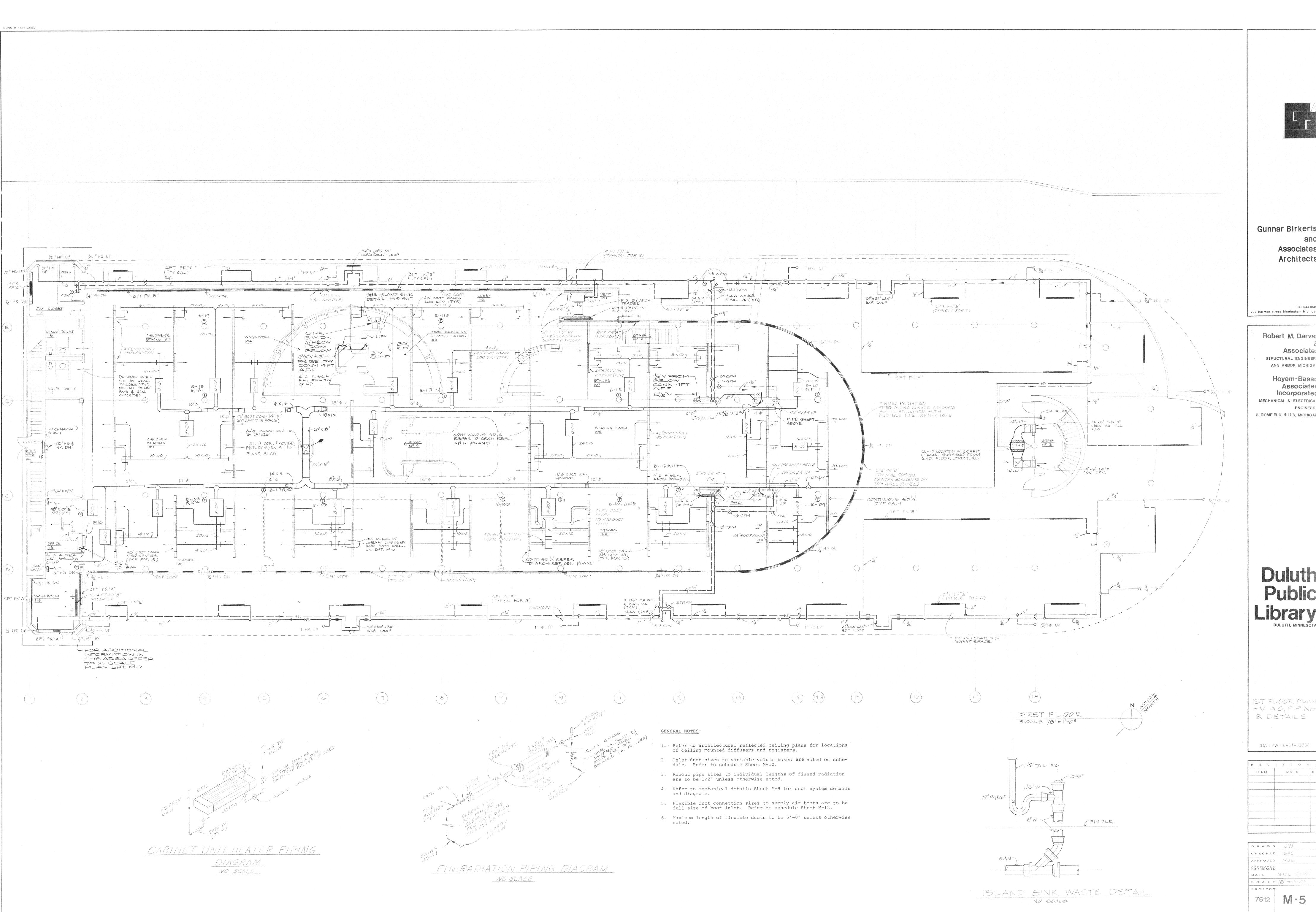
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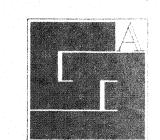
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Robert M. Darvas Associate

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Hoyem-Basso Associates incorporated MECHANICAL & ELECTRICA

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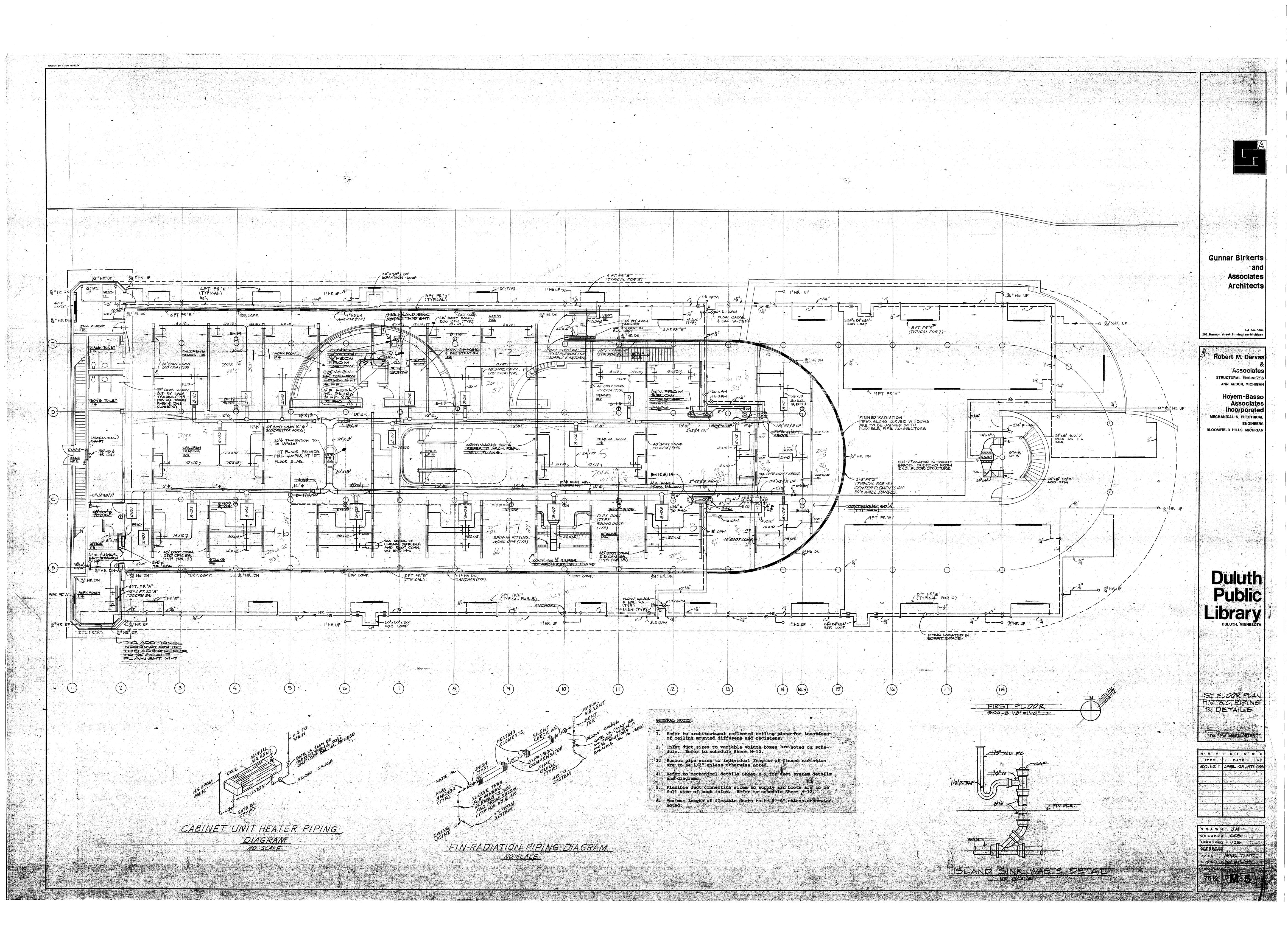
IST FLOOR PLA HV AC PIPINE TA LETA LE

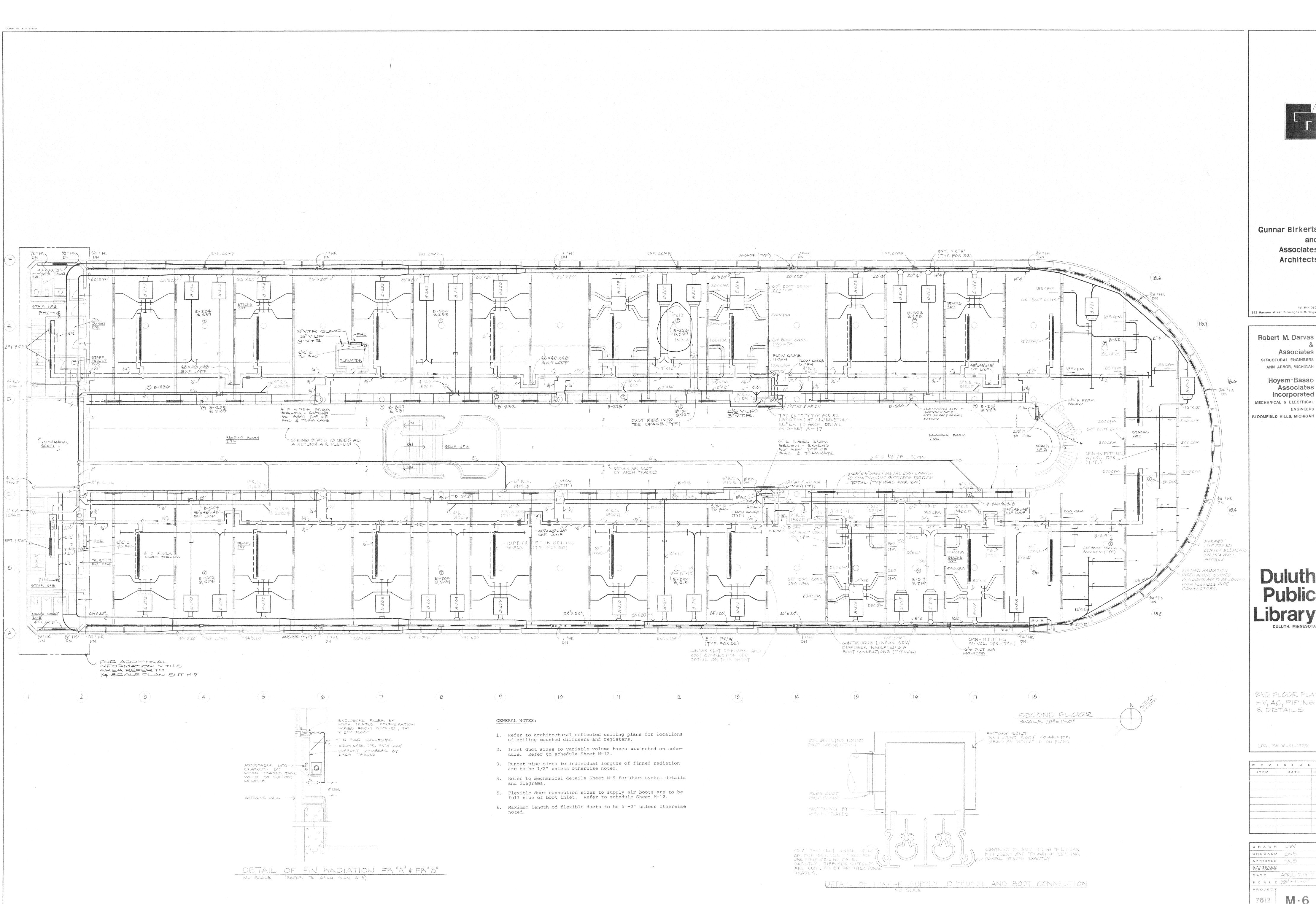
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REVISION DATE

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PROJECT 7612 M-5





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Robert M. Darvas Associates

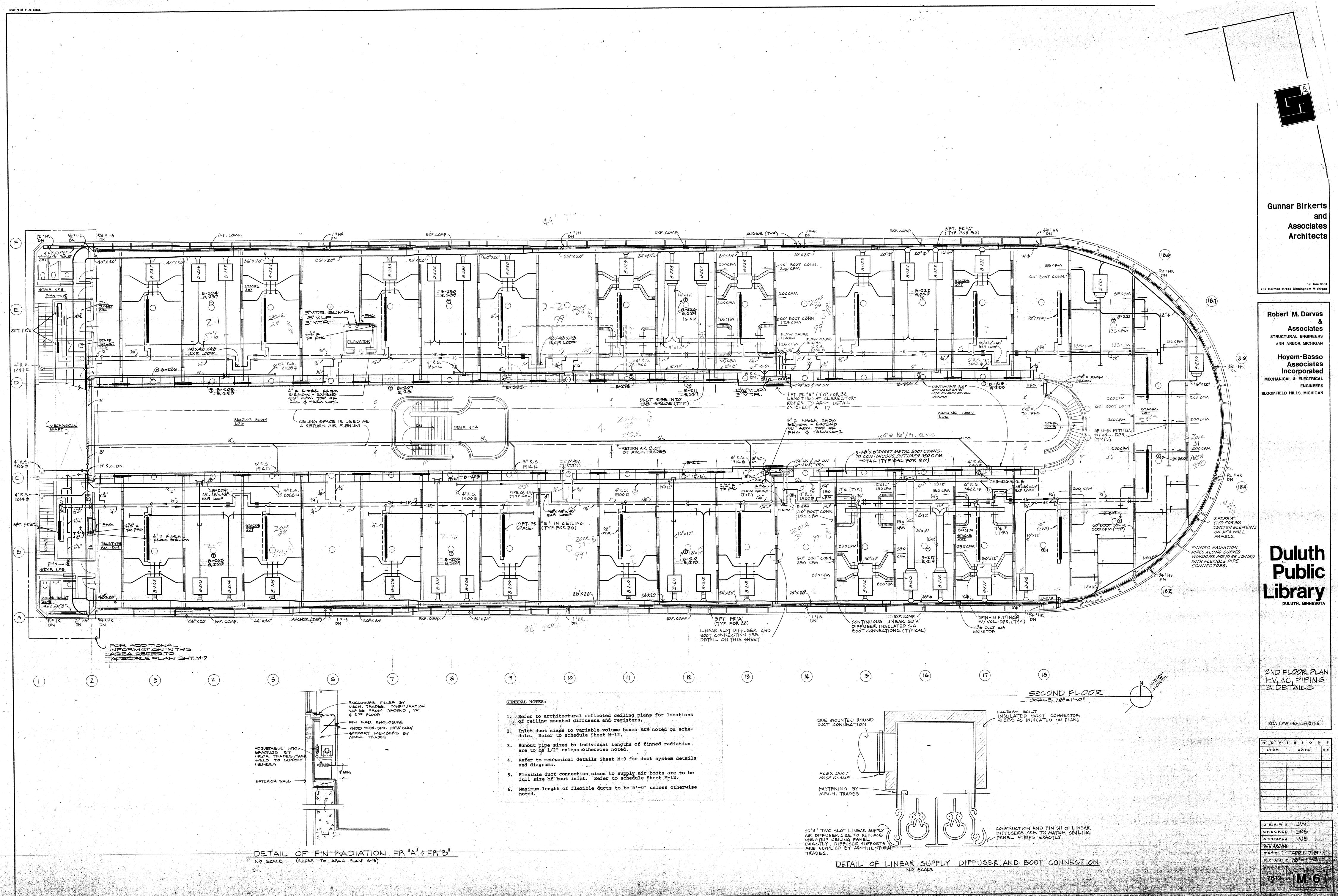
STRUCTURAL ENGINEERS ANN ARBOR, MICHIGAN Hoyem-Basso Associates Incorporated

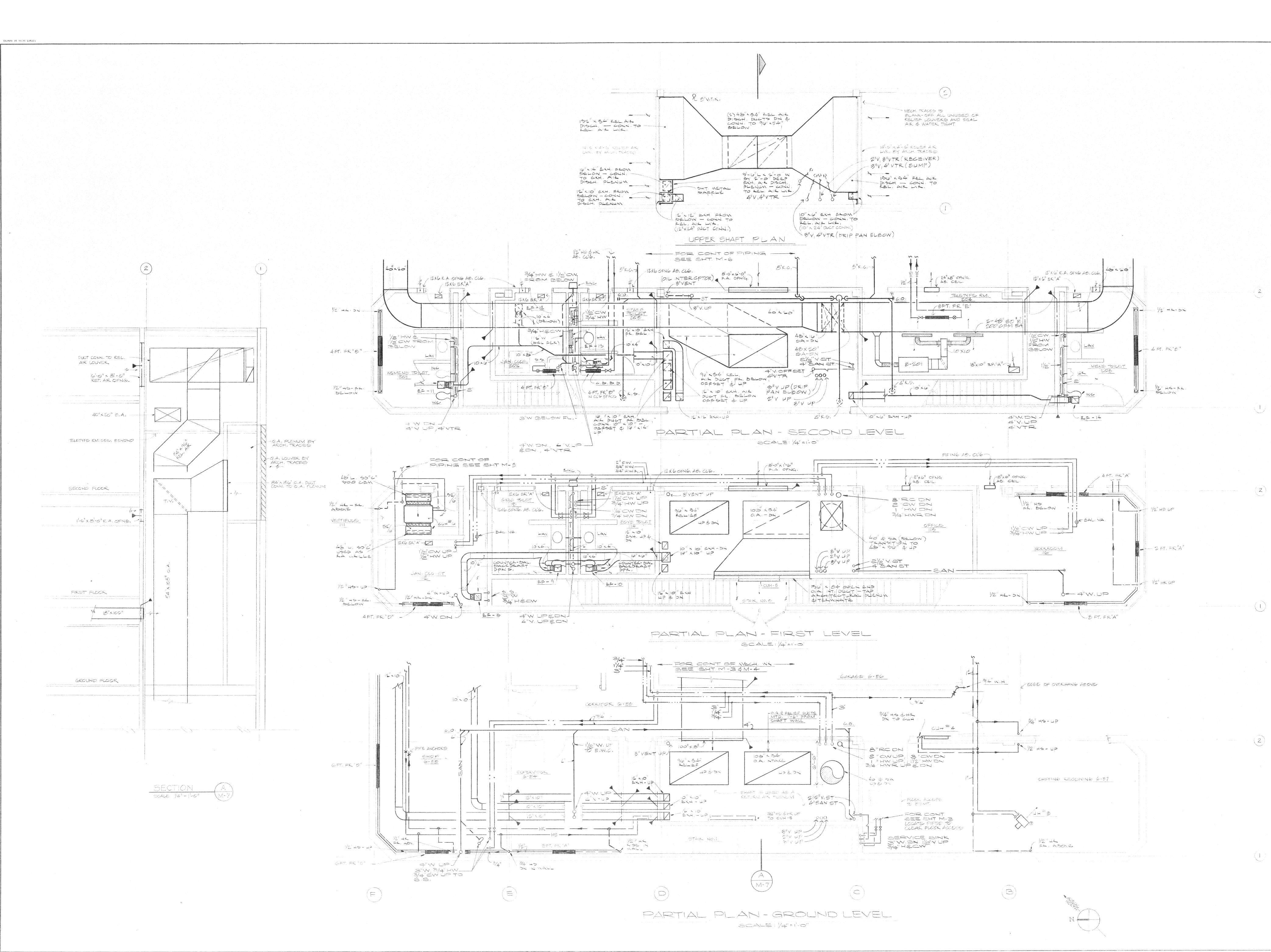
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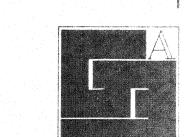
ZND FLOOR PLA HV, AC, PIPING SDETALS

REVISIONS ITEM DATE E

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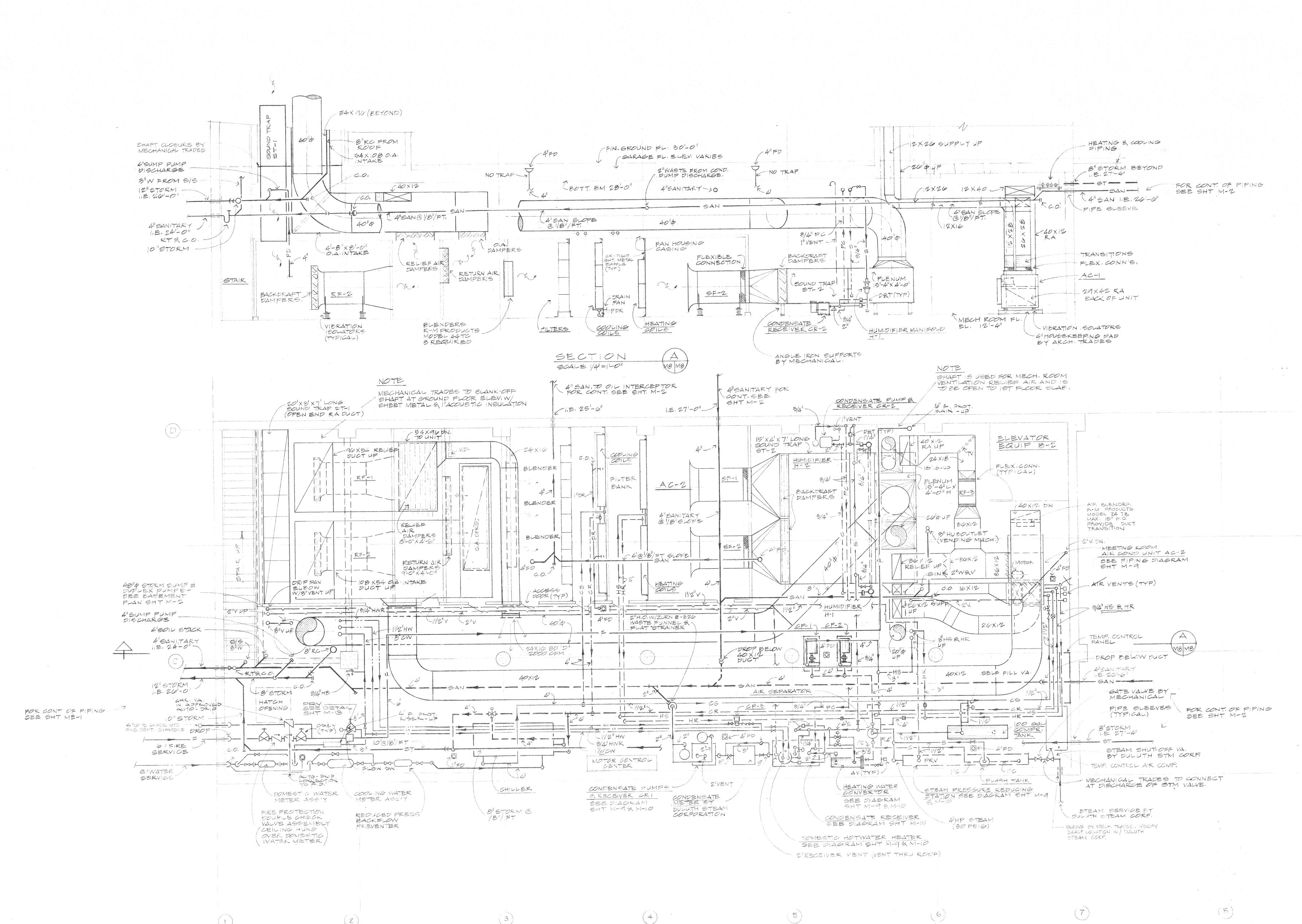
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DATE AFRIL 7, 1977

SCALE 1/4" = 1'-0"

PROJECT 7612



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MECHANICAL ROOM PLAN SECTION

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APPROVED VIEW

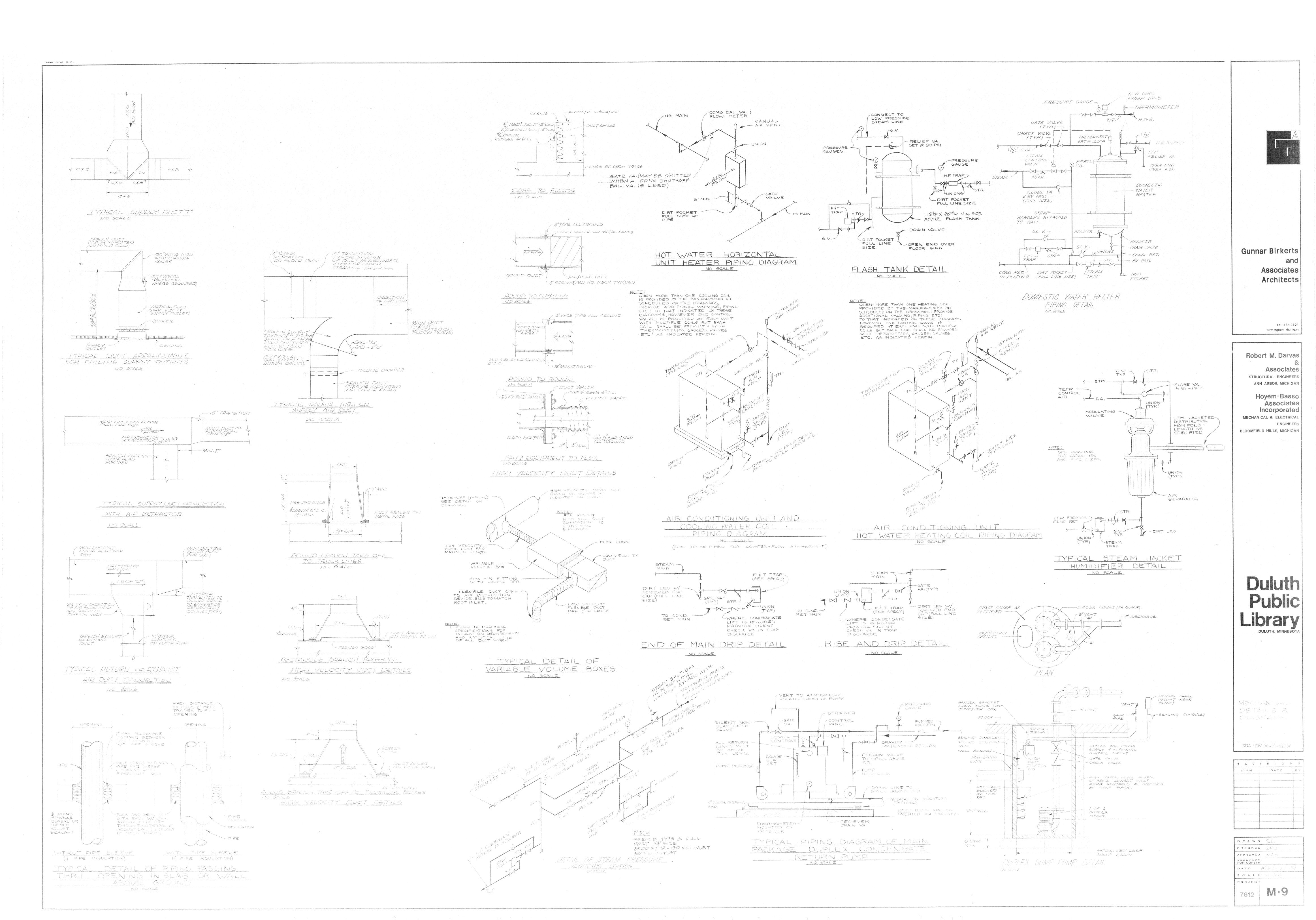
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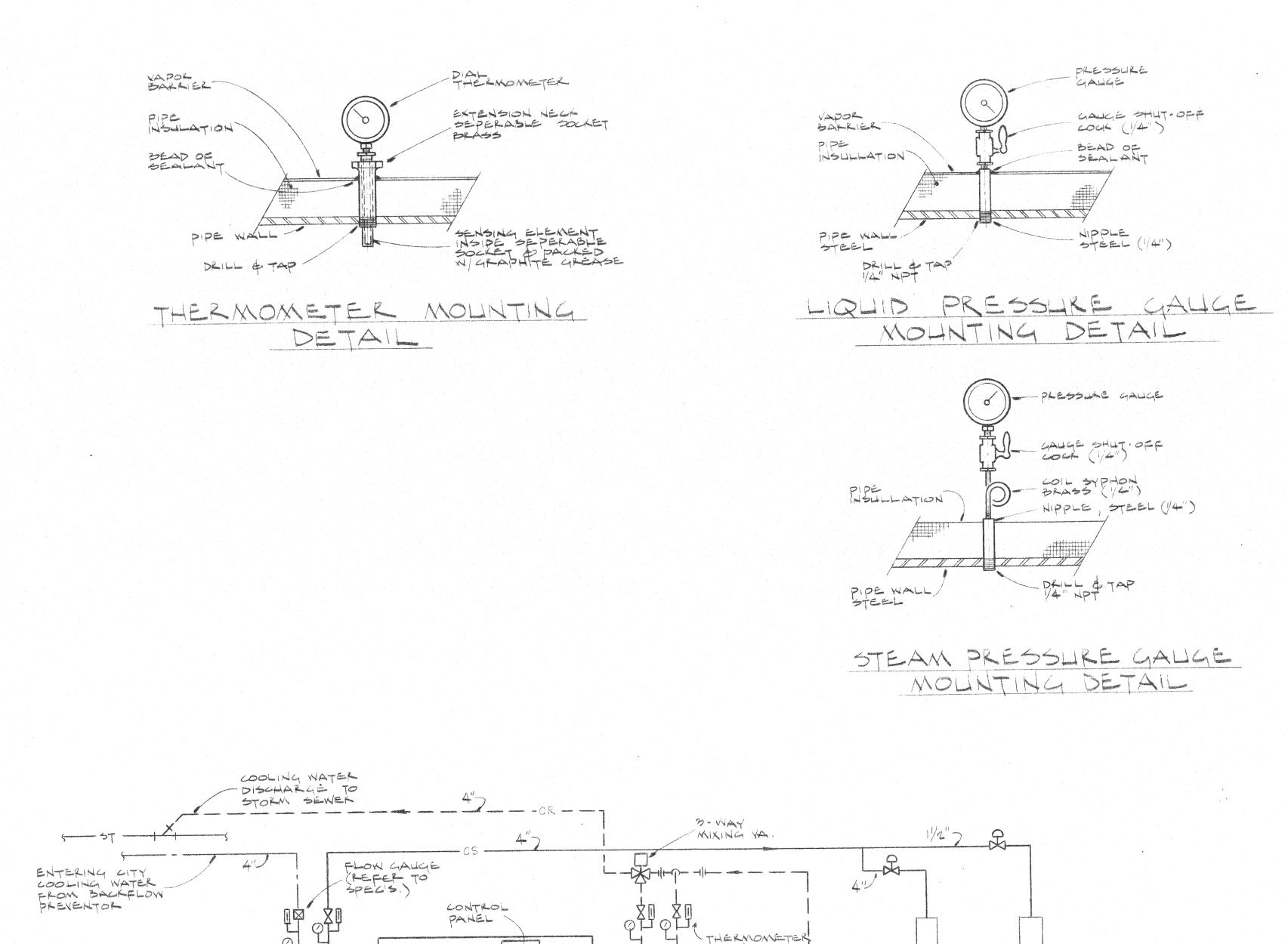
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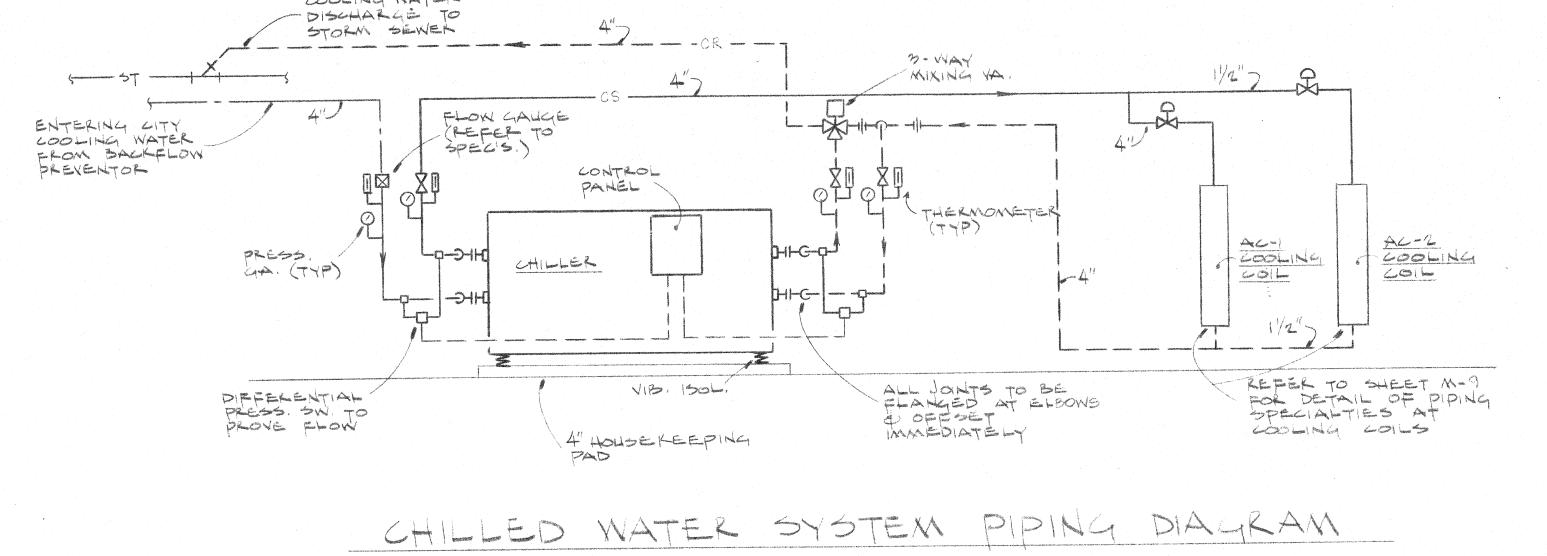
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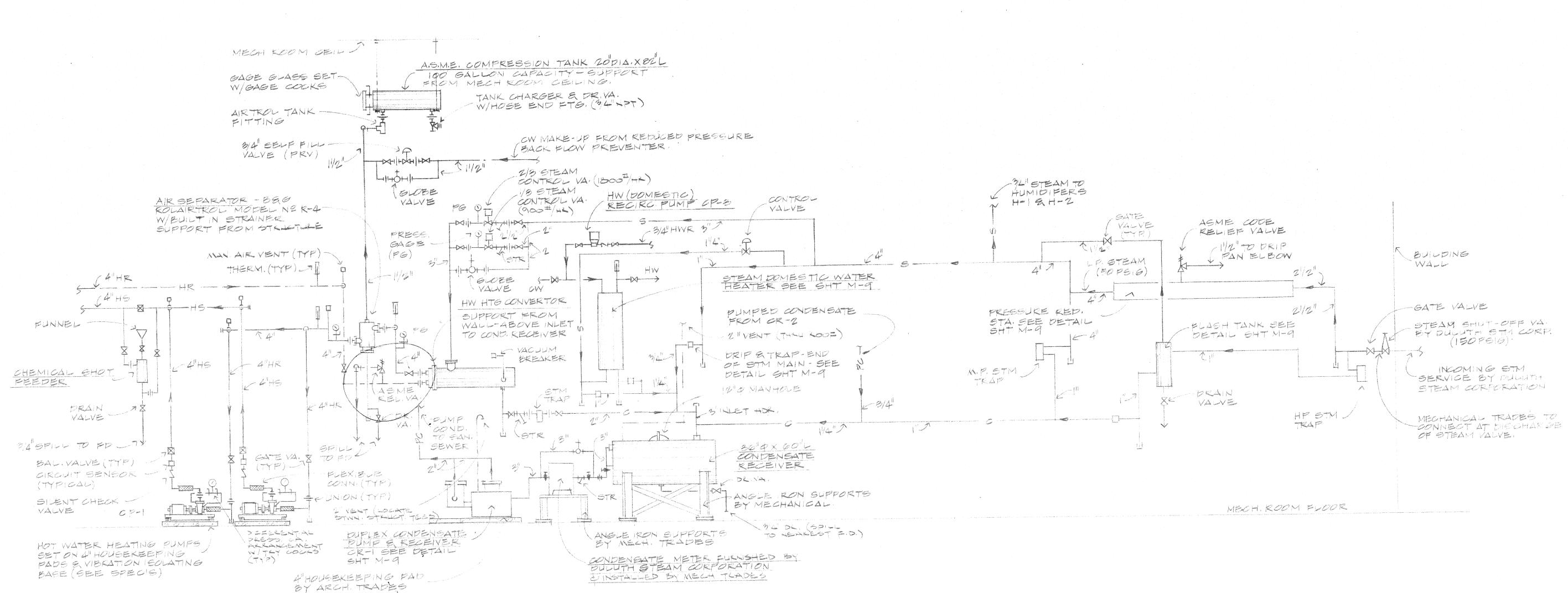
7612 M · 8

MECHANICAL ROOM PLAN









NO SCALE

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MECHANICAL DETAILS SCHASRAMS

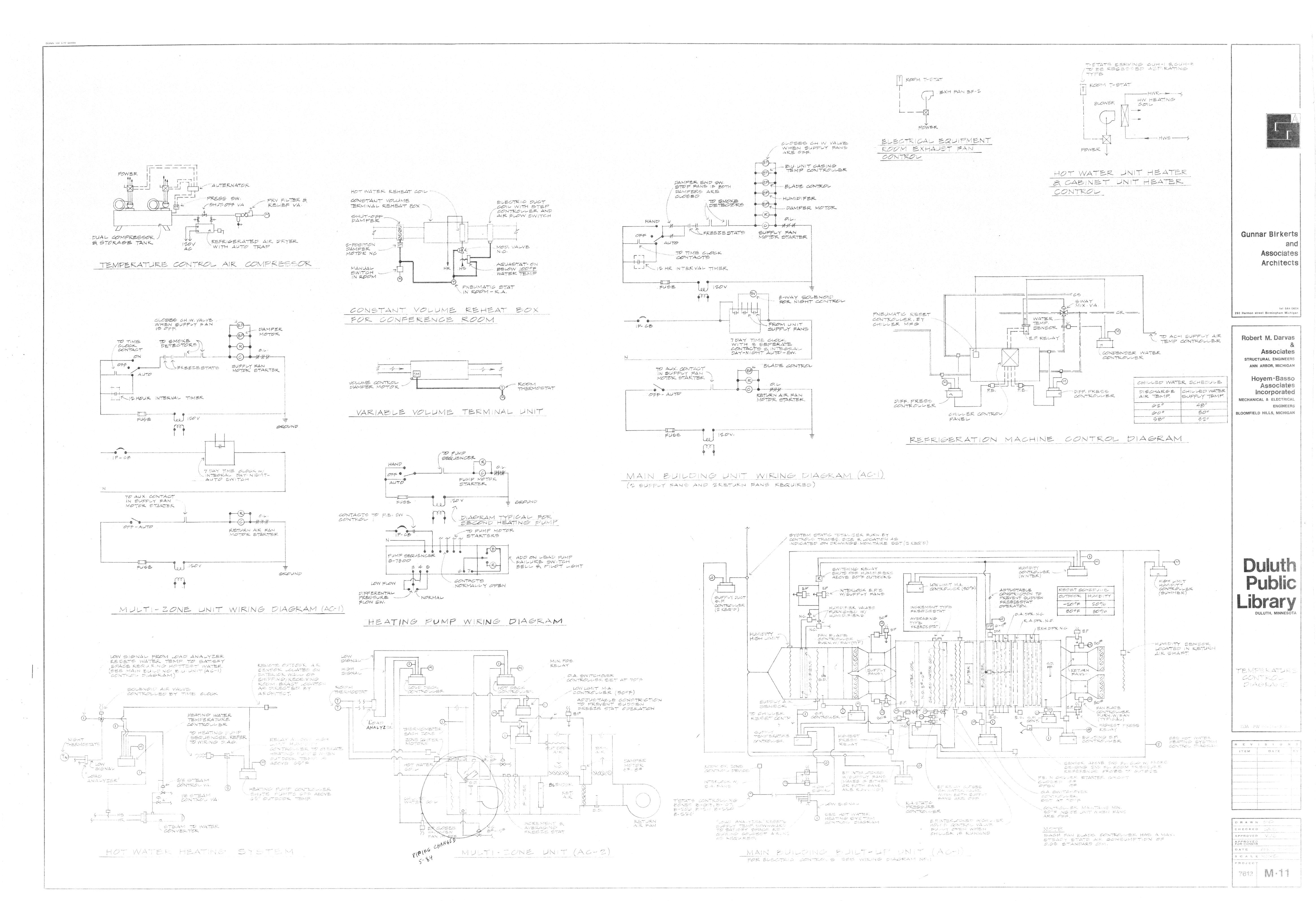
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PROJECT

HEATING SYSTEM PIPING DIAGRAM



		ulus gibern ta bukulahakan sai sahahas sai sahaba sara 4 mm m m m m m m m m m m m m m m m m m		And Marie Committee of the				an mangaman pangibi - Iganda, a Igandangan na Agunda, ang								A	IR	CONI	and the second s	ONE	19		To the second se									
			FAN	PAT	À			and the same of th	EATIN	V6 C	011-5	180° = 1	VT VT					JOOL1	NO	COIL	5					LTEK	DATA		AREA SERVE	D MIN. 9	MFG. & MODEL NO.	REMARKS
MARK	C.F.M.	T.5 P.	RPM		B.H.P.		МВН	a PM	EAT	LAT OF	MIN, H FACE ARE	GOIL	MAX, AIR FRICT.	MBH	MBH SENS.	EWT	LWT	GFM		T. AIK	1		COIL ROWS	MAX. AIR	TYPE	MIN. IN GQE		MAX P. CLEAN				
BUILT-UP UNIT AC-1	2 S.A. FANS 27 500 CF EA (2 REQ'S	@ My 7" >)	1770	480/84	40	50	1188	60	55	75	88	2	,40	* 1640	1337	48	67	175	80.5	66.5	58.4	. 56.7	8	1.0	CARTRIDE	E 128 50	R. FT. AREA	.25	MAIN BLDG VAV SYSTEM	1 13		SUPPLY FANS: (SF-1 & SF-2) SIMILAR TO JOY VANEAXIAL MODEL # 38-20-1770 (SERIES 2000)
AC-2	3450		1200	480/34	2.06	3	50.7	3	55	70	3.8	2	.30	85.3	63.6	48	58	20	81.0	69.0	62.0	60.3	4	.70	MED, CAF BOX W/TX MEDIA	3 13.0			GROUND LEVE MEETING RM G-22 AREA	1 15	TRANE #8 MED. PRESS MULTI - ZONE CLIMATE CHANGER	5. 2800 C.F.M. THRU COOLING COIL
																V	~															
					The second secon																											

* BASED ON (2) GOIL BANKS : 8-0"L. X 8-3" H. (EA.)

DUNN 35 11-76 63522 •

		STE	AM HUMIDI	FIER SCHEL	PULE
MARK	CAPACITY 185. JHR	STEAM PRESS PSIG.	ARMSTRONG MODEL NO	SYSTEM SERVED	REMARKS
H-1		50	SERIES 30, SIZE 32	BUILT - UP UNIT AC-1	
H-2	50	50	SERIES 30, SIZE 32	"	
	the first reason to the first respective to the first reason of the reason to the reason to the reason to the reason of the reason to the reason of the reason to the reason of the reason to the reason to the reason of the reason to the reas			Barter over the standard of the control of the cont	表,我们也没有一个时间,我们也没有一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是一个时间,我们就是

			00	NVE	RTOR	SOHI	EDUL	Late .	*		ON 30 PS16 IN SHELL
MARK	GPM	EWT	LWT	МВН	LBS/HR STEAM	SOFT. HTG.	DIA. X LENGTH	PRESS. DROP FT.	FOUL.	NO. OF PASSES	REMARKS
CONV -	200	155	180	2500	2700	56	1034×53	1.2	.0005	2	

					UN		HEAT	ER	5		DULE	
	ALL	MOT	ORS	i /	10 V /	1/60	UNLE	55	OTHE	KWISE	NOTED EWT. = 18	0 °F EAT 60°F
MAKK	МВН	ENCL	.0301	(E.5	FA	N	MOTOK	RUN	OUT SIZE	G PM	TRANE MODEL NO.	REMARK 5
MARK	7.1011	L	D	-	KPM	CFM	HF3	-	KETUKN	OIT WI	TRANCE TO SOLUTION	
cuH-1	25	44	9	25	1610	400	1/8	3/4	3/4	1.2	D-34 SIZE 04	64 MOTOR
2	15	47	91/8	28	1100	200	160	1/2	1/2	l	H-46 SIZE 02	
3	30	44	9	25	1610	400	1/8	3/4	3/4	2	D-34 SIZE 04	64 MOTOR
4	25	47	91/8	28	1100	300	1/30.	3/4	3/4	2	H-46 SIZE 03	
5	50	66	12	34	775	800	1/12	3/4	3/4	3	H-46 SIZE 08	
6	25	44	9	25	1610	400	1/8	3/4	3/4	1.2	D-34 SIZE 04	64 MOTOR
7	30	44	9	25	1610	400	1/8	3/4	3/4	2.0.	D-34 SIZE 04	64 MOTOR
UH"-1	123	-	- Upper to	and the second s	1100	4480	1/2	A in a garden		5	320-9	
UH-2	123		Name of the last o		1100	4480	1/2			5	320-5	
UH-3	71	Managara de Caracina de Caraci			1100	2380	16	3/4	3/4	3.7	168-9	

MARK SERVES CFM F.P.M DIMENSIONS D.I.L., DB MAXIMUM ALLOWABLE MODEL NO. RI ST-1 AC-1 50,000 830 7' 201 3' 24 15 140 7MS	EMARKS
we have been a surfaced to a common for the form of the common for	
ST-1 AC-1 50,000 830 7' 201 3' 24 ,15 1AC 7MS	
CONTROL OF THE CONTRO	
5T-2 AC-1 55,000 920 7' 15' 4' 24 ,15 1AC 7MS	

	PAC	KAGE	ED	UPLEX				RN PUMP 5. 5 = 120 v 14 - 60 c.	
MARK	NO. OF	GPM EA PUMP	HEAD IN FT	MIN, H.P.	- 	وماريات المساسر المساسر	NET RELEIVER -	til en skalende state fra en skalende men en e	REMARKS
CR-I	2	30	23	1/3	3500		36 GALLON	36082-13	
18-2	A CONTRACTOR OF THE PROPERTY O	2	23	1/4	1750		96ALLON	1000	SIMPLEX

	o constituent de la constituen		Para supervise control of the contro		SECULOS PROPERTIES AND ADMINISTRATION OF THE PROPERTY OF THE P			
MARK	G.P.M.	ENT, WATER TEMP,	WATER. TEMP	SOFT HITG SURFACE	LBS./ HR CAP.	AERCO MODEL NO.	REMARKS	
	28	40	120	25	350	1005		

	makaja, muselekumente uniterprincipal esperante protesta per esperante esta esperante esta esperante esta espe	ger ger	ELE	CTE	210 t	DUCT HEATER			
MARK	CFM	Men.	E.A.T.	VAT.	001U 617E	ELECTRICAL CHARACTERISTICS	CONTROL		REMARKS
EGI	500	5.12	60	69.5	6×8	120V-14-60C	3	.08	INDEEDO TYPE QUA

MAKK	TITUS MODEL NO.	CONSTRUCTION	FINISH	REMARKS
SD"A"	SPL ML-3700-2 CONTINUOUS	ALUMHNUM	TO MATCH CEILING MATERIAL	48"ORGO" MODEL MDI PLUG-IN SUPPLY BOOTS (SEE PLANS)
SU"B"	ML-3700 MODULINEAR	ALUMINUM		PROVIDE MOI PLUG- IN BOOTS SIZES AS INDICATED
SD"Ç"	ML - 3900 MODULINEAR 3 SLOT	ALUMINUM		PROVIDE M.D.I. PLUG-IN BOOTS SIZES AS INDICATED
S0"0"	272-FS5 DBL. DEF. REG.	STEEL	BAKED ENAMEL - COLOR SELECT BY ARCHITECT	
ER"A"	25-RL5 30°BLADES	STEEL	BAKED ENAMEL-COLOR SELECT BY ARCHITECT	
ER"B"	50-F 1/2 × 1/2 LOUVERS	ALUMINUM		

				FAN		54	101	JULE				L. LOC	PERATURE	CONTROLS
MARK	CFM	E,5.P		T.5. F P.M		MOTOR MIN. HP	VOLT	MIN . WHEEL	CONTROL	FAN LOCATION	DRIVE	SMEAR TO MOSELLING	APPLICATION	REMARKS
EF-1	475	5/8	1725	4037	.10	1/8	120		T.C.	G-36	DIRECT		TLT. EXH.	
2	600	5/8	1330	3873	.14	1/4	120		T.C.	SHOP G-36	BELT	SQD-10-4	ELEC. KM VENTIL!	
3	600	5/8	1330	3873	.14	1/4	120		T.C.	SHOP 6-80	BELT	SQB-10-4	SHOP EXH,	
4	2000	1/2	1725	5929	.01	3/4	480 30		T.C.	GARAGE 6.38	DIRECT	5QD-13-A	GARAGE EXHAUST	
5	250	1/4	1550	appet 1	mpope	1/15	120		Li	WOMEN G-20		SP-27	TLT. EXH.	W/EXH. GRILL
6	180	1/4	1050	2005		1/40	120		L.	MEN G-ZI		SP-254	ganization and a second and a s	
7	50	1/4	1550	9000	-	1/125	120	340	L,	6-17		SP-8		
8	100	3/8	1550	Securit .	towed	150	120	and the second s	L.	JAN		SP- 17		
9	150	3/8	1050	ages#	-	1/40	120		ا	OIRLS 118		SP-25~		
10	150	3/8	1050	post	Neptil	1/40	120		L.	8075	Principle season	SP-25V		
terring to the state of the sta	225	1/2	1550	point	wice	1/15	120		· .	WOMEN 201	and the same of th	SP-27		
12	100	3/8	1550	Samuel	- Seed	150	120		4	ZOZ	as de la companya de	SP-17		
13	100	3/8	1050	mage!	Tempori	1/40	120		レ ・	STAFF		SP-251	Proposition of the second seco	
14	225	1/2	1550	3000	*aucidié	1/15	120	-	L.	MEN		SF-27		
15	50	/4	1550			1/125	120	a. elife		KITCHEN.	1	SP. 8	KHCHENETTE	· · · · · · · · · · · · · · · · · · ·
	•					ang mandalang a pang managan ang mang ang mang	100	with the contract of the first own to the contract of the cont	Till Bakerlinduk Blakkanover - Mills variesaanskeskester († 1777)					unkapananan akkaran akkaran anan anan anan an
RF-1	25,000	21/4	870	time or	11.0	15	400	26"	T.C.	MECH. RM B-1	BELT	JOY SERIES 400	VAV SYSTEM	AC-1 SERVICE
RF-2	25,000	21/4	870	Marcelo	11.0	15	400	260"	T.C,	MECH. RM B-1	BELT		MAIN BLOG VAV SYSTEM	AC-I SERVICE
RF-5	3100	TO ANALYSIS OF THE PROPERTY OF	1080	5232	.92		30		T.C.	MEGH.	BELT	GREENHECK SQB-18-10	RETURNAIR	AC-2 SERVICE
EF-16	350	1/4	1000	-		1/15	120	and the second s		DUPL.	DIRECT	GEENHECK SP-50	DUPLICATING ROOM EXH.	COMPLETE W/ EXH. GRILLE
EF-17	350	1/4	1000		-	1/15	120	and the state of t	L,	DK. RM. G-38	DIRECT	alignosti til maningara i amistitat sa talka ana maningara sa	DARK RM. EXHAUST	

MAKK	SYSTEM	G.P.M.	HEAD IN FT.	MIN. MOTOR	ELECT. CHARACT.	TYPE	MANUFACTURER & MODEL NO.	REMARKS
CP-1	HEATING WATER	200	100	10	480V-34	END SUCTION	8 8 6 1510 SIZE 3 CB	
CP-Z	and the second s		11	ll .	Manages Transport	Water	11	/
CP-3	DOMESTIC IHW RECIRC	5	17	16	115V-14	IN-LINE	886 PR	ALL BRONZE BOOSTER
						A STATE OF THE STA		
pelana hilitarian a inarendan etti (lava itano) ittinasi 2.750		gangguranan kan gerangah 135 nagarrangah gan geran		generaliski, governos emoglinosen nost gapt gettemper dest vita, etc. of midiging slotte				, , , , , , , , , , , , , , , , , , ,

	FIN TUB	DE RA	DIATI	ONS	OLHE	DUL	E		N.T. = 180° N.T. = 160°	
	12 12 11 /1 mm		ELEME	NT		ENCLO	SUKE	provide a second	STERLING	
MAKK	M.B.H./L.FT.	TUBES	FIN.W.	FIN.H	Rows	The state of the s	D	FIRIGH	MODEL NO.	NEW YORKS
FR"A"	0.80	/"	31/4"	31/4"	And the second s	14"	414	PRIME	VERSALINE STYLE-T	WITH KNOB DAMPER
FR"B"	0.80	/"	31/4"	31/4"	Annual Contraction of the Contra	14"	41/4"	PRIME	STYLE T	NO DAMPER
FR"C"	0.70	1"	31/4"	3/4"	1	10"	4/4"	PRIME	WERSA LINE	NO DAMPER
FR"D"	0.74	/"	374"	3/4"	The second secon	51/4"	33/6"	PRIME	VERSALINE EXCANDED MIL	
FR"E"	0.70	/"	3/4"	3/4"		-			BARE ELEMENT	
endergelige und den egenete beschrifting det in 1966 d. 19				And Control of Control		1 1 2				

t vala tilder så tille sellstekkenpelestecktible	Right and the control of the control		PACK,	AGE	. PE	CIPR	OCA	TIN	5 [QUID) CH		R S	BCHEDULE	
NOM,	ACT.	CHILLED WATER SIDE					GPM EWT LWT P.D. IN FOUL.				No. OF C	COMP	ELECTRICAL	MEG É MODEL NO.	
		GFM	EWT	LWT	P.D. IN FT. HD.	FOUL.	GFM	EWT °F	LWT	D. D. IN FT. HD.	FOUL.	COMF.		CHARACTERISTICS	n. 0. 4
15	85	200	58	48	20	.0005	200	68	31	4	.0005	1 TOTAL AND THE STREET	61	460 V. 34 60 C.	TRANE COWA-750-E

		ARIAB	Las Lass	10 L UN	IE TEKM	NAL	BOX	SCHEL	DULE				
	ROOM N.C. = 808, ROOM ABSORPTION RE 10-12 WATTS & CEILING TRANS CLASS OF 35-39												
		MAX	MIN.	NLET DUCT	MIN. INLET & @ MAX MAX. ALLOW SP.	NIMUM SI	C. LEVELS	MODEL	PCIANE				
	MARK	C.F.M	UFM.	SUNOUT	TO OPERATE BOX	OUTLET	RADIATED	NO.	REMAR				
/	8-61	320	0	64	0.90"	28	23	HS-V-6A					
	8-62	440		7"4	0.90"	24	22	H5-Y-7B	ger men formanne gegen i deggen hende genere en gebengen er en genere en er før men er før men en de en delekt				
775	B-63	380		600	0.90"	28	21	HS-V-6B					
	B-64	1000		10"4	0.90"	28	24	HS-V-100	and all and an analysis of the second of the				
	8-65	1200		12'4	0.90"	28	27	HS-V-125					
	B-66	500	500	7"4	1.05 "	27	24	H5R-7B	BOXWAL				
	B-67	450	0	7"4	0.95"	25	22	HS-V-78	anne and a second a				
		and the second section of the section of the second section of the section of the second section of the section of th			Anna Lander Company		l						

V	ARIABI	man francis	10LUM						
				6 /2	INC TEA	16 /1 20	ACO OF	and here we see that	-12 WATTE
MARK	MAX C.F.M	MIN. OFM.	INLET DUCTA	AIN. INLET & AX. ALLOW SP	@ MININ	TOM SIF	EADIATED	MODEL NO.	REMARKS
8-61	320	0	61ZE TO BOX T	0.90"	niculandonaero en maderio que en materio dispriso da	OUTLET 28	RADIATED 23	HS-V-GA	
8-62	440		7"4	0.90"		24	22	H5-Y-78	
B-63	380		614	0.90"		28	21	H5-V-0B	
8-64	1000		1014	0.90"		28	24	HS-V-100	
8-65	1200	V	12'4	0.90"	The state of the s	28	27	HS-V-120	
B-66	500	500	7"4	1.05 "		27	24	HSR-7B	CONSTANT YOU'ME
B-67	450	0	7"4	0.95"	The state of the s	25	22	HS-V-78	
8-68	750		8"4	0.95"	and a second sec	28	24	HS-V-80	
8-69	500	and the second s	7"4	0.90"		27	24	HS-V-78	
8-610	1400	Control of the Contro	12"4	0.95"		30	29	H5-V-12D	
8-611	1100		1014	0.45"		29	26	HS-V-10D	
8-612	1500		14'4	0.95"		29	27	H6-V-14E	
8-613	1500		14'4	0.95"		29	27	H5-V-14E	
8-101	100		40	0.85"		Standard	Santa No.	H5-V-4A	
8-102	220		5"4	0.90"		25	2	H5-V- 5A	
8-103	690	nopolicina e e e e e e e e e e e e e e e e e e e	8"4	0.90"		20	28	H5-V-BC	
8-104	380		1214	0.95"		30	29	HS-V-120	
B-105	1380		12"4	0.95"		30	29	H5-V-12D	
8-100	1290		12"4	0.90"		29	28	HS-V-12D	
B-107	1290		12"4	0.90"		29	28	HS-V-125	
8-108	1290		12"4	0.90"		29	28	HS-V-12D	
8-109	500		7'4	0.90"		27	24	H5-V-7B	
8-110	400		64	0.45"		23	21	HS-V-6B	
	450	yng changed a sign	7"4	0.90"		24	22	H5-V-7B	
8-112	300	Eulopine de la companya del companya del companya de la companya d	64	0.95"		25	25	H5-V-6A	
8-113	660	toured this defined with the second of the s	8"4	0.90		25	22	HS-V-BC	
B-114	1110	and of the state o	10"4	0.95"		29	26	HS-V-10D	
3-115	600		8"4	0.85"		24	2	H5-V-80	
8-116	800	epuellational de la company de	914	0.95"	\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	28	25		
8-117	555	republicação de desperado de de	7"4	0.90"		24	21	HS-V-76	
8-118	400	Passar salabase disporturas	64	0.95"	To 1 and the second sec				
8-119	800		99	0.95"	a proposed and the second seco	25	25	HS-V-96 HS-V-170	
8-120	400	gy (2) (B) y y y y y y y y y y y y y y y y y y y	12"4	0.90"		28	21	HS-V-68	
0-101	400	ng Papanillook, at pro-			relation conjugate and the second sec				
n-001	400	o de la constanta de la consta	64	0.95		23	21	HS-V-68	
8-201	A STATE OF THE STA	countries (Sign manual)		to the contract of the contrac				HS-V-100	
8-202	1000	Agent and a second	10/4	0.90"		28	24	HS-V-120	
8-208	1400	The state of the s	12"4	0.45"		30	29	HS-V-125	Annual Americans to the contract and the contract of the contr
3-204	1200		10"4	0.90"	The state of the s	28	24	HS-V-100	
8-205	1000	Management of the second of th	10"4	0.90"		28	24	H5-V-100	
8-200	1400	Section and design contracts	The state of the s	0.95"	State of the state	30	29	HS-V-120	
8-207		de pubbliche de la contra del la co	12"4	0.90"		18	27	HS-V-120	
3-208	an ang ang mangangang manganan mang mang	Jack de Contraction of the Contr	10/4	0.90"		28	24	HS-V-10D	A company of the control of the cont
8-209	1000		104	0.90"		28	24	HS-V-100	The same and the s
8-210	950		10"4	0.85"		27	24	HS-V-100	The state of the s
8-212	1200		124	0.90"		28	27	H5-V-120	
8-213	1000	and the second s	104	0.90"		28	24	HS-V-10D	A CONTRACTOR OF THE CONTRACTOR
B-214		The second secon	10/4	0.90"		28	24	H5-V-100	
8-25	1400	Professional Control of Control o	12"4	0.95		30	29	H6-V-120	
8-1216	1200	many open op opension of well	12"4	0.90"		28	27	HS-V-120	
8-217	1000	Code desired in the control of the code of	1010	0.9011		28	24	H5-V-100	
8-28	600		8"0	0.85"		24	21	HS-V-80	
8-219	1400		12"0	0.95"		30	29	HS-V-120	
8-220	1200	The second of th	1216	0.90"		28	27	H5-V-125	7
3-22	300	e e militar de desirable.	12/0	0.9011		29	28	H6-V-120	general desired and the second
8-222		The problem of the pr	9"\$	0.951		28	25	H5-V-90	
8-228		Processing programmed by the contract of the c	1214	0.9511		30	29	HS-V-125	
8-224			104	0.90"		26	24	H5-V-100	
8-225			94	0.95		28	25	HE - V- 96	
8-120			9'4	0.95		28	25	H5-V-90	
8-227			100	0.85		27	24	HS-V-100	2
8-225		2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	100	0.90		28	24	H5-V-10E	2
4-229			9"0	0.95		28	25	How ac	1
8-250			94	0.95"		28	25	H5-V- 90	
8-251	1400		12"4	0.95	1	30	29	HE-V-120	2
5-29/2	750		84	0.95		28	24	H5-V-80	
8-295	800		9"4	0.95"	Andrew Commencer	29	25	HS-V-90	
8-284	800		914	0,951	A STATE OF THE STA	26	25	HENV- 90	
8-285	1400	1	1210	0.95		30	29	H=-V-121	
8-230	1000		1014	6.90		26	24	HS-V-10t	2

28 24 HS-V-100

28 25 HE-V-96

10/0 0.901

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** RECHEAT COIL : EGO S.F.M. | 5400 ETUT, 60°F. EAT, 70°F. LAT, 0.5 6FM, 180°F. ENT

8-287 800 \ 4'4 0.95"

8-236 1000

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Gunnar Birkerts **Associates** Architects

292 Harmon street Birmingham Michiga

Robert M. Darvas Associates STRUCTURAL ENGINEERS ANN ARBOR, MICHIGAN Hoyem-Basso Associates incorporated

MECHANICAL & ELECTRICAL

BLOOMFIELD HILLS, MICHIGAN

ENGINEERS

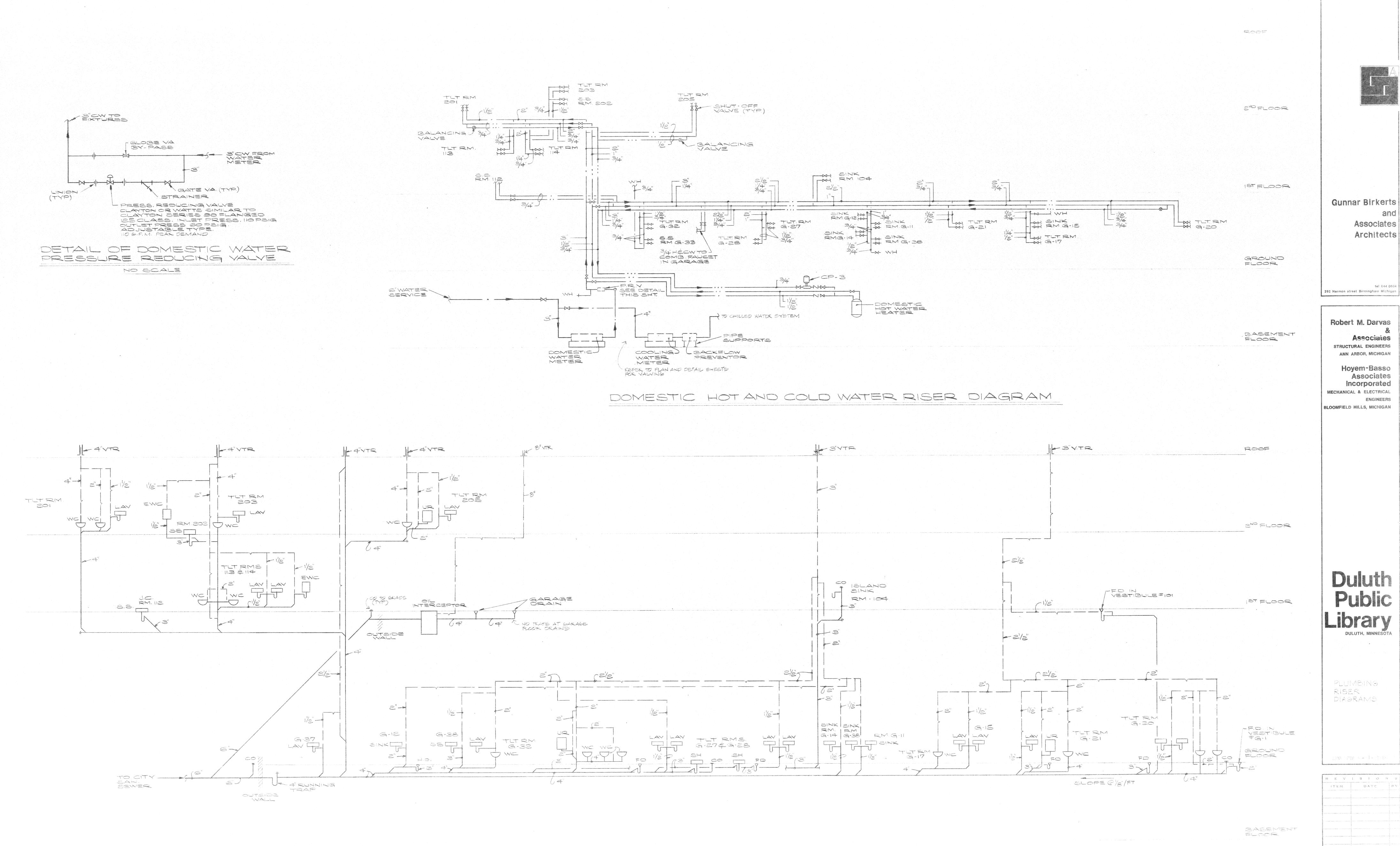
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DULUTH, MINNESOTA

REVISION ITEM DATE BY

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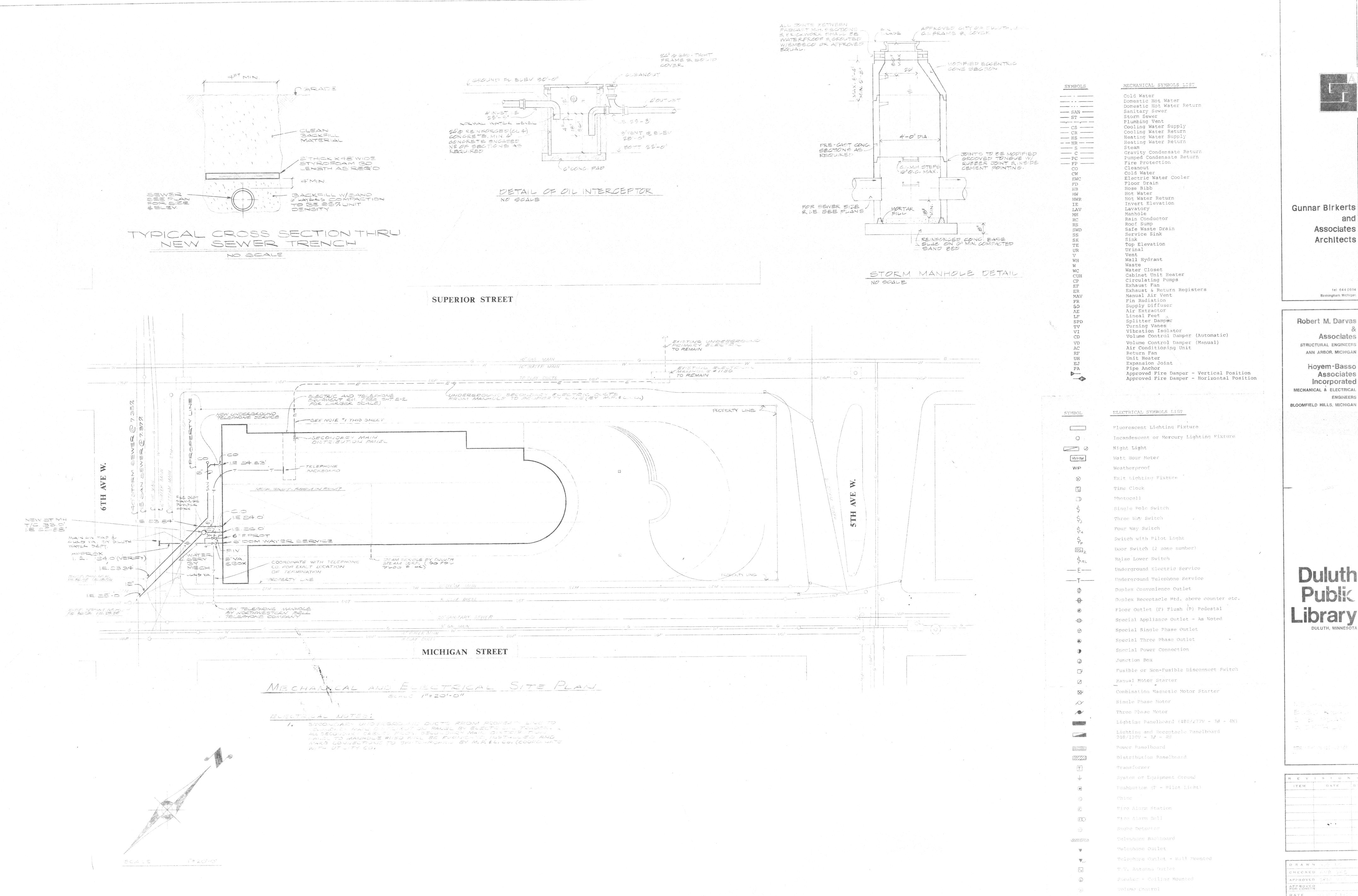
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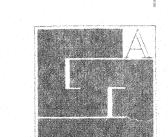
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SCALE

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Gunnar Birkerts Associates Architects

tel 644 0604

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REVISIONS ITEM DATE BY

DATE SCALE PROJECT

Clock Outlet

Microphone Outlet