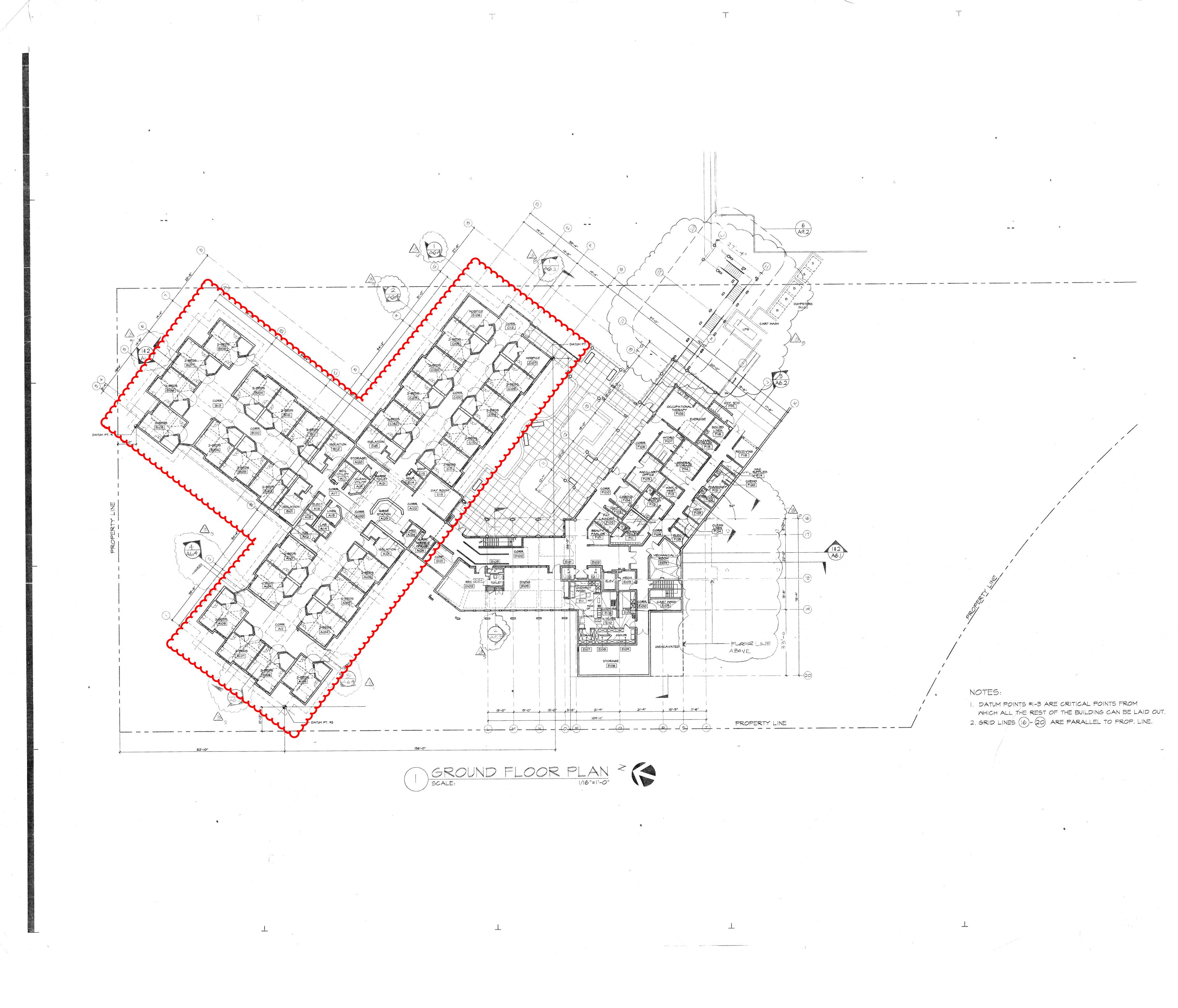
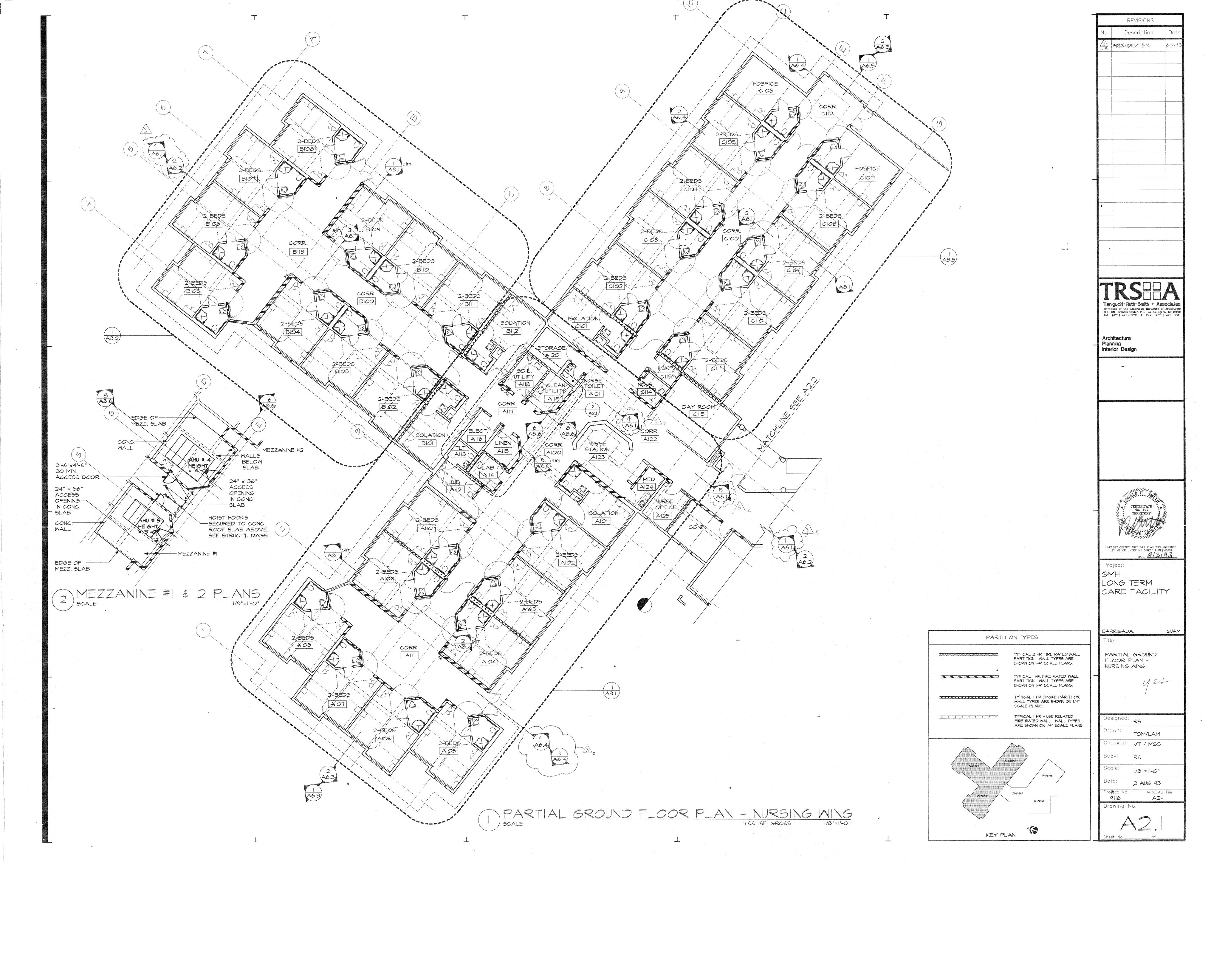
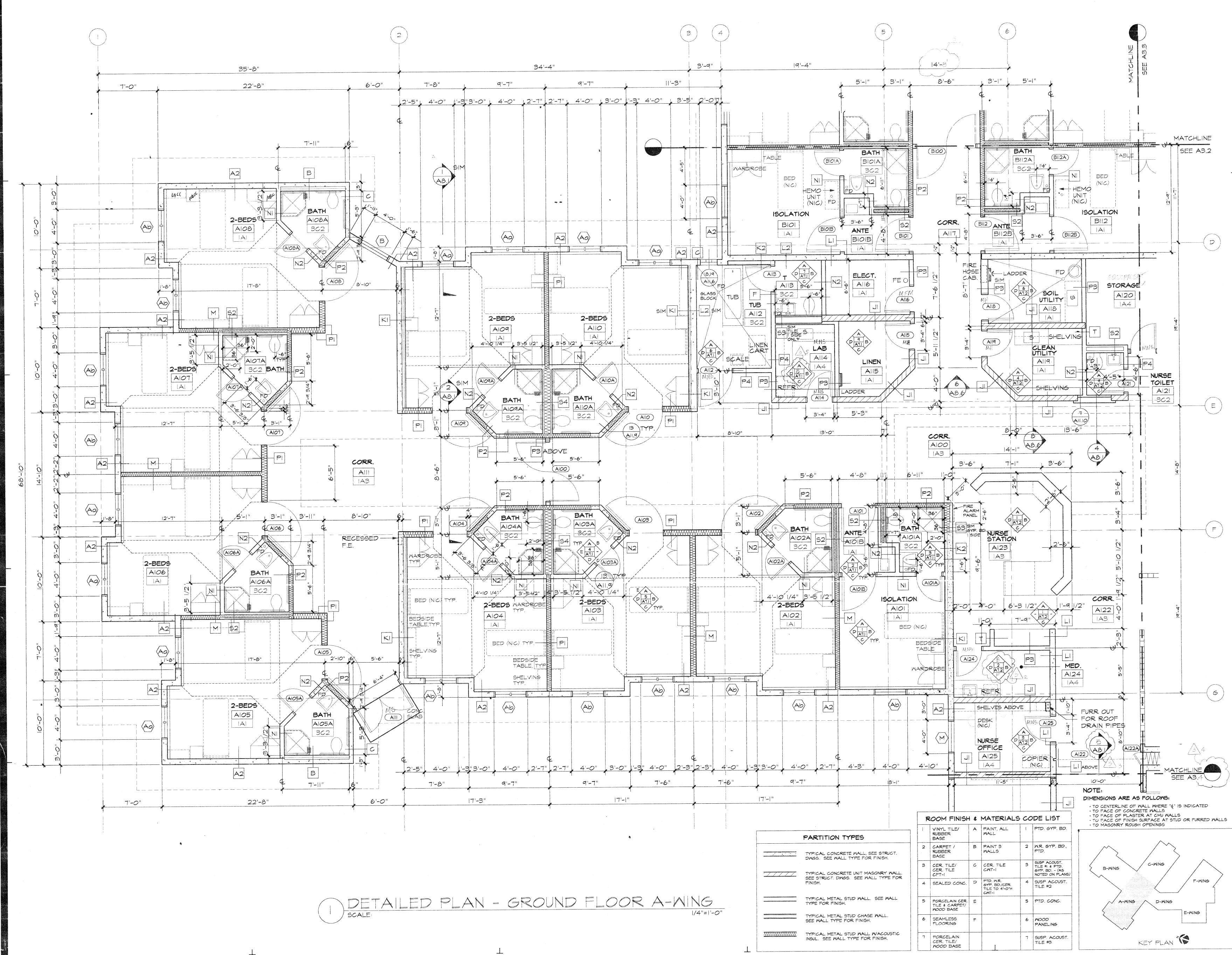


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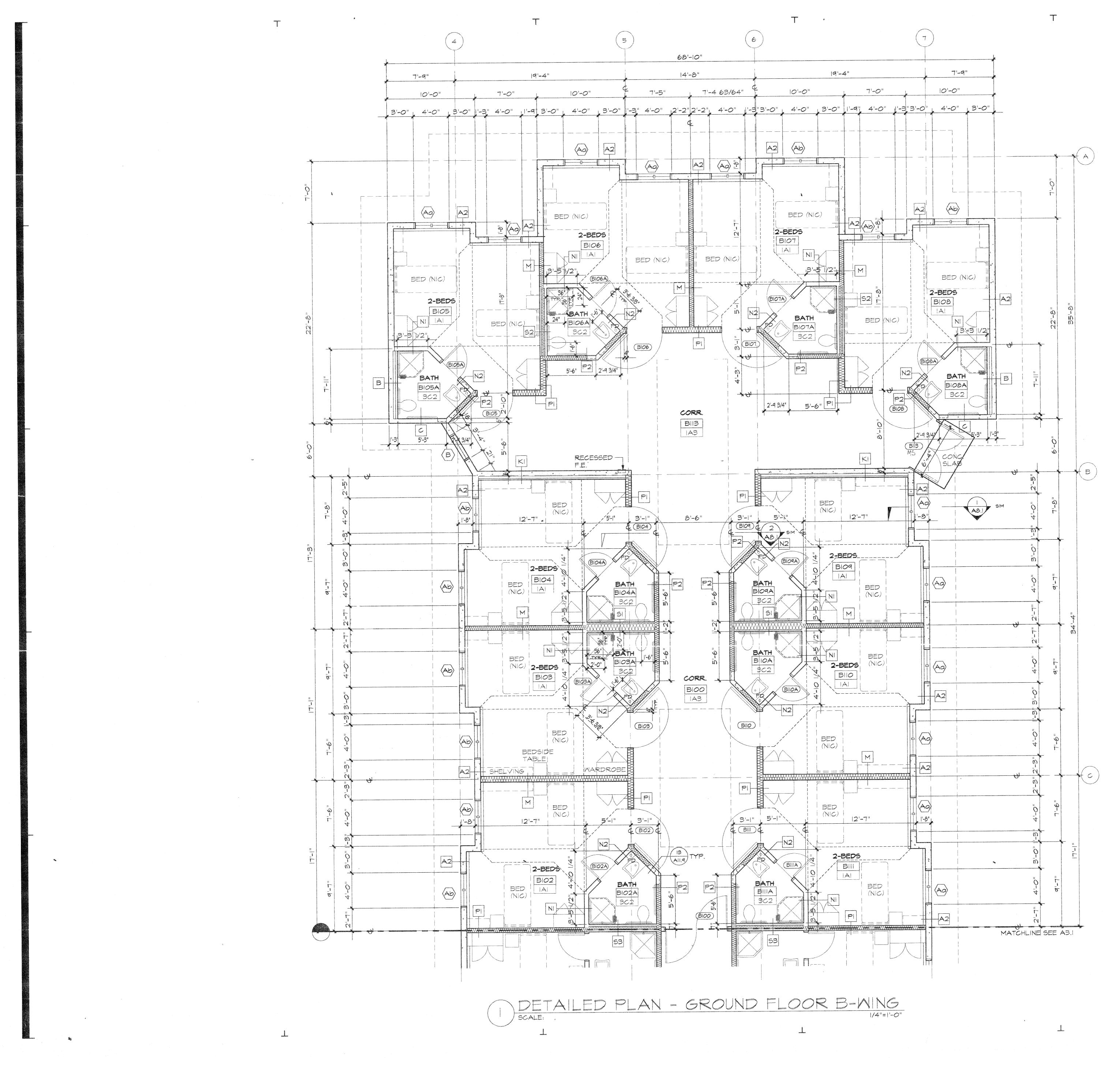


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100	bers of the American Institute of Architects Cliff Business Center, P.O. Box EA, Agana, GU 96910 (671) 475-8772 • Fax : (671) 472-3381
Arc	hitecture
Pia	nning prior Design
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Н	EREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION DATE:
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REVISIONS Description ADDENDUM #3 —(D) Taniguchi-Ruth-Smith + Associates Members of the American Institute of Architects 100 Cliff Business Center, P.O. Box EA, Agana, GU 96910 Tel.: (671) 475-8772 • Fax : (671) 472-3381 Architecture Planning Interior Design E ____ CERTIFICATE No. 177 TERRITORY HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION Project: GMH LONG TERM CARE FACILITY - (G BARRIGADÀ, GUAN Title: DETAILED PLAN -GROUND FLOOR A-WING Designed: RS Drawn: an Checked: VT / MGS Supv: RS scale: |/4"=|'-0" Date: 2 AUG 93 AutoCAD File Project No. 9116 A3-1 Drawing No. A3 1



NOTE: DIMENSIONS ARE AS FOLLOWS: TO CENTERLINE OF WALL WHERE "&" IS INDICATED
TO FACE OF CONCRETE WALLS
TO FACE OF PLASTER AT CMU WALLS
TO FACE OF FINISH SURFACE AT STUD OR FURRED WALLS
TO MASONRY ROUGH OPENINGS

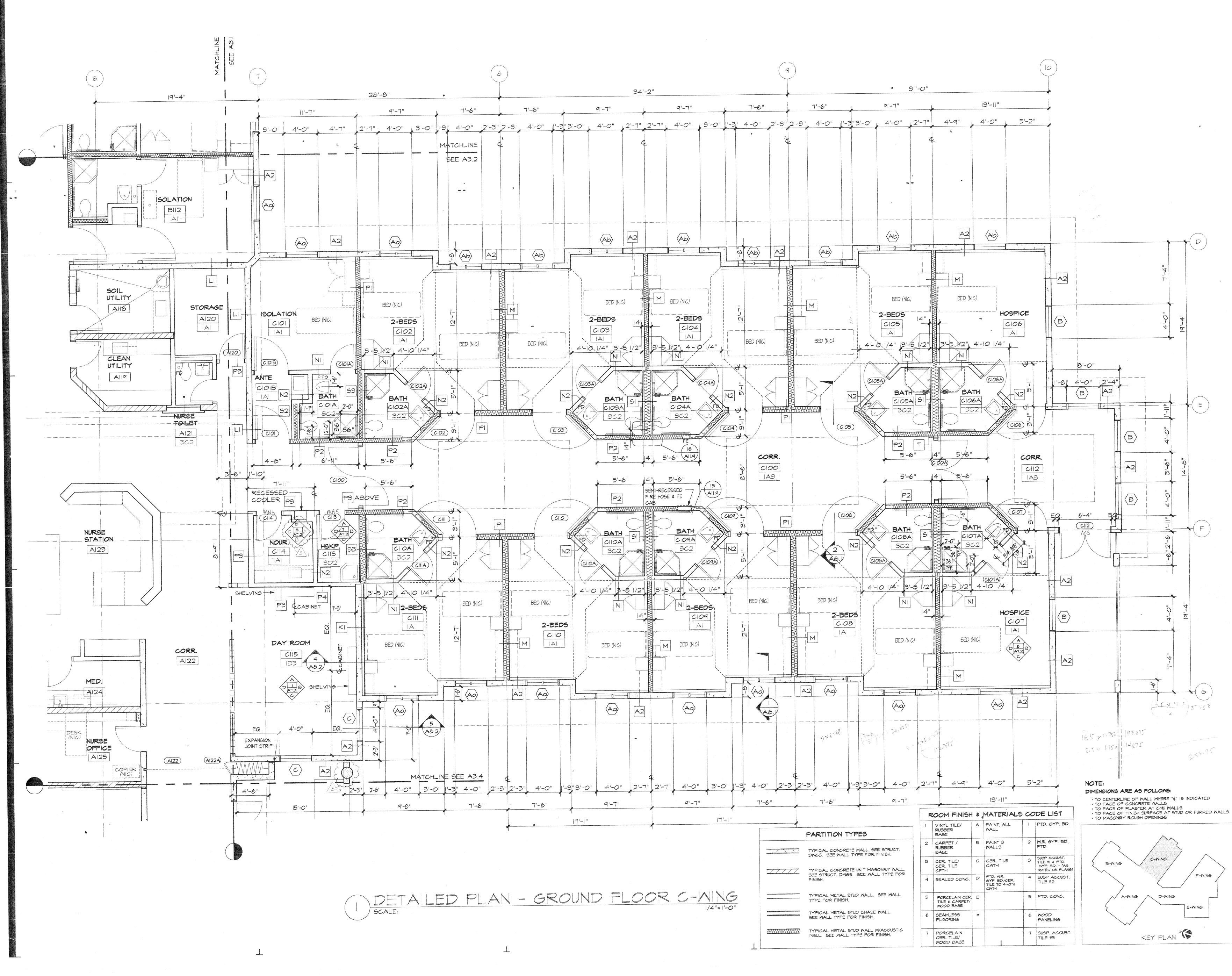
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	VINYL TILE/ RUBBER BASE	A	PAINT, ALL WALL	I	PTD. GYP. BD.					
2	CARPET / RUBBER BASE	в	PAINT 3 WALLS	2	W.R. GYP. BD., PTD.					
3	CER. TILE/ CER. TILE CFT-I	C	CER. TILE CWT-I	З	SUSP ACOUST. TILE #1 & PTD. GYP. BD (AS NOTED ON PLANS)					
4	SEALED CONC.	D	PTD. N.R. GYP. BD./CER. TILE TO 4'-0"H CWT-1	4	SUSP ACOUST. TILE #2					
5	PORCELAIN CER TILE & CARPET, WOOD BASE			5	PTD. CONC.					
6	SEAMLESS FLOORING	F		6	WOOD . PANELING					
7	PORCELAIN CER. TILE/ WOOD BASE			7	SUSP. ACOUST. TILE #3					
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KEY PLAN

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PARTIAL GROUND FLOOR PLAN -B-WING

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Checked:	VT / MGS
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Scale:	/4"= '-0"
Date:	2 AUG 93
Project No. 9116	AutoCAD File A3-2
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MBOL I	(AIR-C	DESCRIPTION
ACD	ACD ACD	AIR-CONDITIONING DRAIN
	CHWR	CHILLED WATER RETURN
-CHWR-2		CHILLED WATER SUPPLY
-CHMS-		REFRIGERANT HOT GAS LINE
-RHG-?	RHG	REFRIGERANT LIQUID LINE
	RL	FLEXIBLE CONNECTION (PIPING)
	FC	
Ŷ	PG	PRESSURE GAUGE
2-121-2		STRAINER
PANY 2	AAV	AUTOMATIC AIR VENT
2		3-WAY CONTROL VALVE
		2-WAY CONTROL VALVE
	BV	BUTTERFLY VALVE
	CV	CHECK VALVE
	6V	GATE VALVE
	GL. V	GLOBE VALVE
	1	PLUG VALVE
		PRESSURE REDUCING VALVE
$2 \rightarrow 2 \rightarrow 2$	PRV TV	TURNING VANES
		INCLINED DROP IN RESPECT TO AIRFLOW
\$ <u>1</u>		INCLINED DROF IN RESPECT TO AIRFLOW
<u> भौदि</u>	1000	VOLUME DAMPER
₹ <u></u>		THROAT
THE	t	FLEXIBLE CONNECTION (DUCT)
	F.C.	
₽ ₽₽	F.D.	FIRE DAMPER
	MVD	MOTORIZED VOLUME DAMPER
	B.D.	BACKDRAFT DAMPER
\square	EAD	EXHAUST AIR DUCT
	MAD	MAKE UP AIR DUCT
	OA	OUTSIDE AIR
	OAD	OUTSIDE AIR DUCT
	RA	RETURN AIR
	RAD	RETURN AIR DUCT
	SA	SUPPLY AIR
	SAD	SUPPLY AIR DUCT
-\$-	CD	CEILING DIFFUSER (4-WAY)
	CD	CEILING DIFFUSER (3-WAY)
	CD	CEILING DIFFUSER (2-WAY)
hanned		EXHAUST AIR LOUVER
		EXHAUST REGISTER
		OUTSIDE AIR LOUVER
		RETURN AIR GRILLE
	RAG	RETURN LINEAR DIFFUSER
	RLD	SUPPLY AIR GRILLE
	SAG	SUPPLY AIR REGISTER
B	SAR	SUPPLY LINEAR DIFFUSER
	SLD	
	AP	ACCESS PANEL
	DUC	DOOR UNDER CUT
Ð	SD	DUCT SMOKE DETECTOR
	AVC	AIR-CONDITIONING
	ACC	AIR COOLED CONDENSER
	AHU	AIR HANDLING UNIT
	CH	CHILLER
	EF	EXHAUST FAN
	FCU	FAN COIL UNIT
	CHWP	CHILLED WATER PUMP
	SF	SUPPLY FAN
		THERMOMETER
and the second s		THERMOSTAT
T	AC 500 E J	CUBIC FEET PER MINUTE
	CFM	COMBINATION FIRE/SMOKE DAMPER
	FSD	GALLON PER MINUTE
	<u>GPM</u>	
	ΔΤ	TEMPERATURE DIFFERENCE
	TDH	TOTAL DYNAMIC HEAD
12	TYP.	TYPICAL

LEGEND (PLUMBING AND FIRE PROTECTION):

Dirich Color Color ALEANOUT 2	CANBOI	ABBREV.	DESCRIPTION
→● CO CLEANOUT ≥	SYMBOL	ALL LET.	PIPING
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SD STORM DRAIN PORT SD STORM DRAIN PORT GL.V. GLOBE VALVE PORT SIDEWALL SPRINKLER HEAD PORT FC FLEXIBLE CONNECTION PITY FLANGE VALVE WITH TAMPER SWITCH PORT PS FLOW SWITCH PORT PORT FUEL OIL SUPPLY PIPE			the second se
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Image: Second start FD FLOOR DRAIN Image: Second start FS FLOOR SINK Image: OHH HB HOSE BIBB Image: OHH DS DOWN SPOUT Image: OH FCO FLOOR CLEANOUT Image: OH FCO FLOOR CLEANOUT Image: OH FUN D. FUNNEL DRAIN Image: OH FUNNEL DRAIN OD Image: OH OVERFLOW DRAIN SHO. Image: OH SHOWER SHOWER Image: OH SHOWER DRAIN SHO Image: OH SHOWER DRAIN SS Image: OH	A A	PTRV	
Image: Non-state FS FLOOR SINK O-H HB HOSE BIBB DN. DOWN DS DOWN SPOUT 2-● FCO FUN D. FUNREL DRAIN Image: OD OVERFLOW DRAIN OD OVERFLOW DRAIN RD ROOF DRAIN SHO. SHOWER SHO D. SHOWER DRAIN SS SOIL STACK VS VENT STACK VS VENT THRU ROOF WCO WALL CLEANOUT	2-24-	2 PRV	
Image: Weight of the series Fight for the series Fight for the series 0-H HB HOSE BIBB DN. DOWN DS DOWN SPOUT 2-● FCO FLOOR CLEANOUT Image: OD FUN D. FUNNEL DRAIN Image: OD OVERFLOW DRAIN Image: OD OVERFLOW DRAIN Image: SHO D. SHOWER Image: SHO D. SHOWER DRAIN Image: SHO D. SHOWER DRAIN <t< td=""><td>D</td><td>FD</td><td></td></t<>	D	FD	
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D SHO D. SHOWER DRAIN SS SOIL STACK VS VENT STACK VF VENT THRU ROOF WCO WALL CLEANOUT		RD	
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VS VENT STACK VTR VENT THRU ROOF WCO WALL CLEANOUT		55	SOIL STACK
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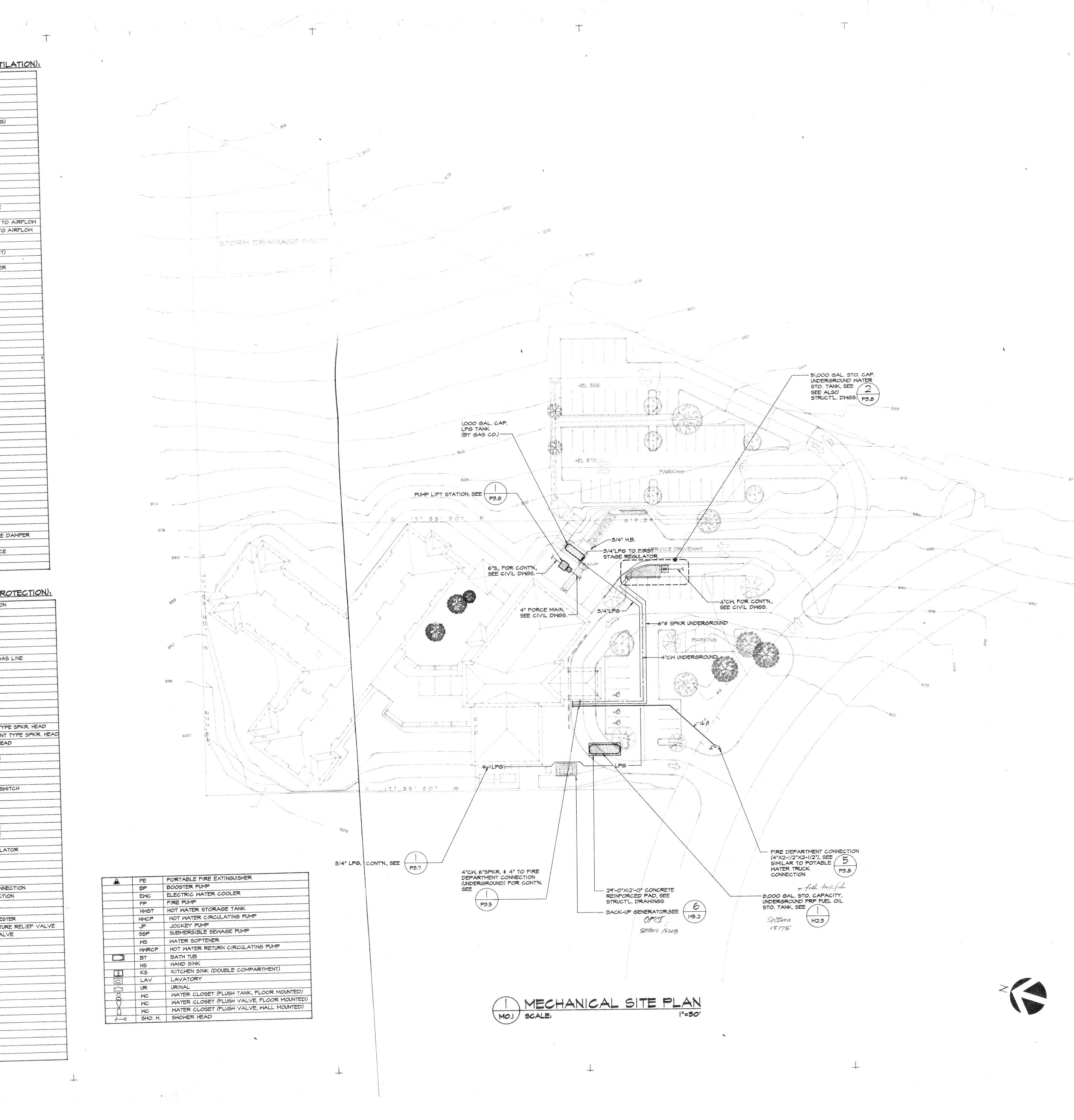
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REVISIONS Description Taniguchi-Ruth-Smith Passociates Members of the American Institute of Architects 100 Cilff Business Center • Agana, Guarn 96910 Telephone(671)477-1223/477-9239 • Fax: (671)472-3381 Architecture Planning Interior Design . 370 MECHANICAL INC. IT & E PLAZA, SUITE B-105 P.O. BOX 23156 GMF, GUAM 96921 TEL: (671)646-1558/5363 FAX: (671)646-8606 No.209 * TERRITOR HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION DATE: __________ Project: GMH LONG TERM CARE FACILITY GUAM BARRIGADA, Title: MECHANICAL SITE PLAN & LEGEND Designed: RJP Drawn: ARNOLD Checked: CGV Supv: CGV Scale: AS SHOWN Date: 02 AUGUST 1993 AutoCAD File Project No. Drawing No. MO.



REVISIONS Description ADDENDUM #3 Members of the American Institute of Architecte 100 Cliff Business Center • Agana, Guarn 96910 Telephone(671)477-1223/477-9239 • Fax: (671)472-3381 Architecture Planning Interior Design MECHANICAL INC. IT&E PLAZA, SUITE B-105 P.O. BOX 23156 GMF, GUAM 96921 TEL: (671)646-1558/5363 FAX: (671)646-8606 HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION DATE: _____8/2/93____ Project: GMH LONG TERM CARE FACILITY BARRIGADA, GUAM Title: PARTIAL GROUND FLOOR A/C & VENTILATION PLAN-NURSING WING Designed: Drawn: Checked: CGV Supv: R.JP Scale: as shown Date: 02 AUGUST 1993 Project No. AutoCAD File Drawing No. M2.1 Sheet No._____ of

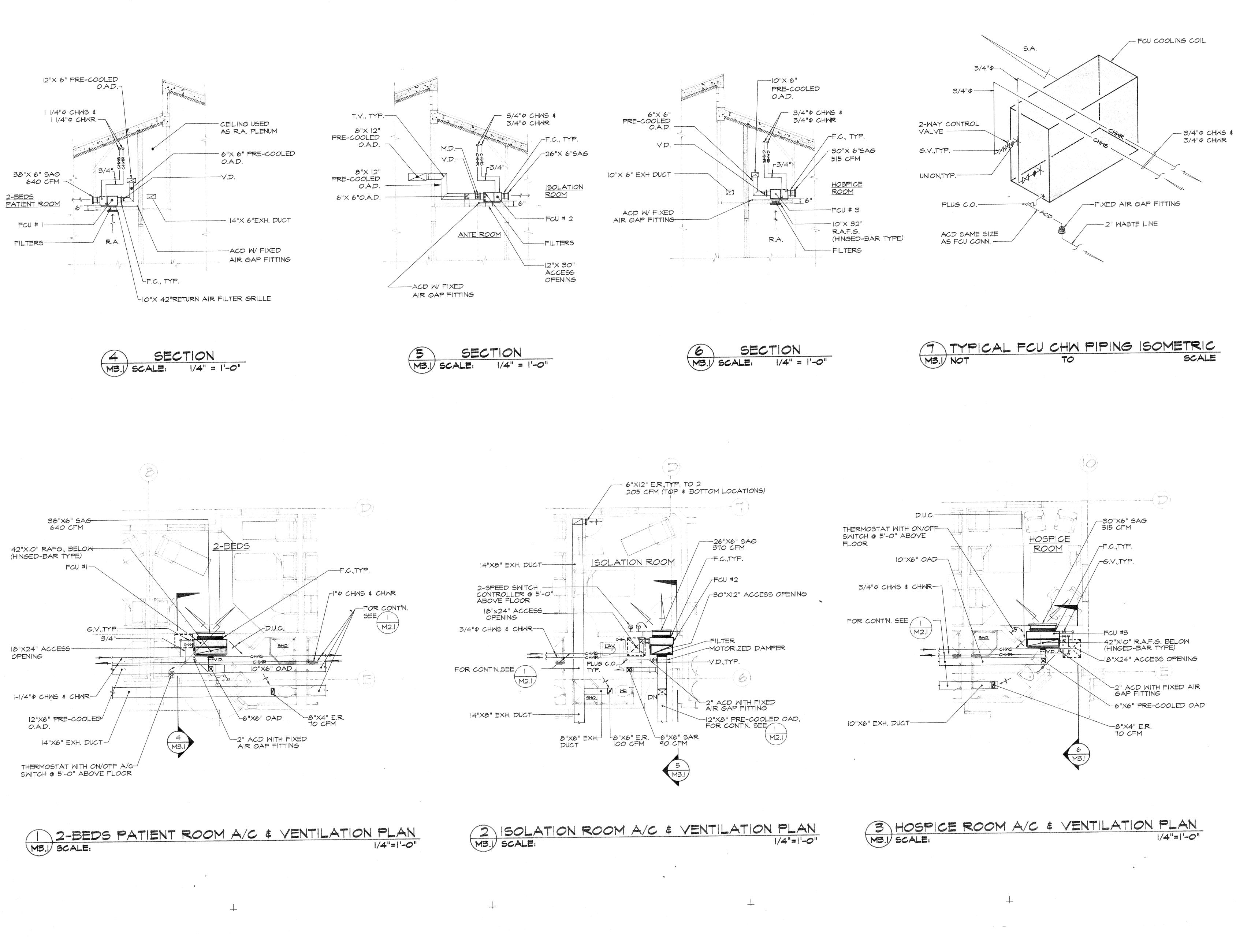
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NOTE: ARRANGE PIPING, DUCTWORK AND ACCESSORIES TO PROVIDE PROPER ACCESSIBILITY TO EQUIPMENT.

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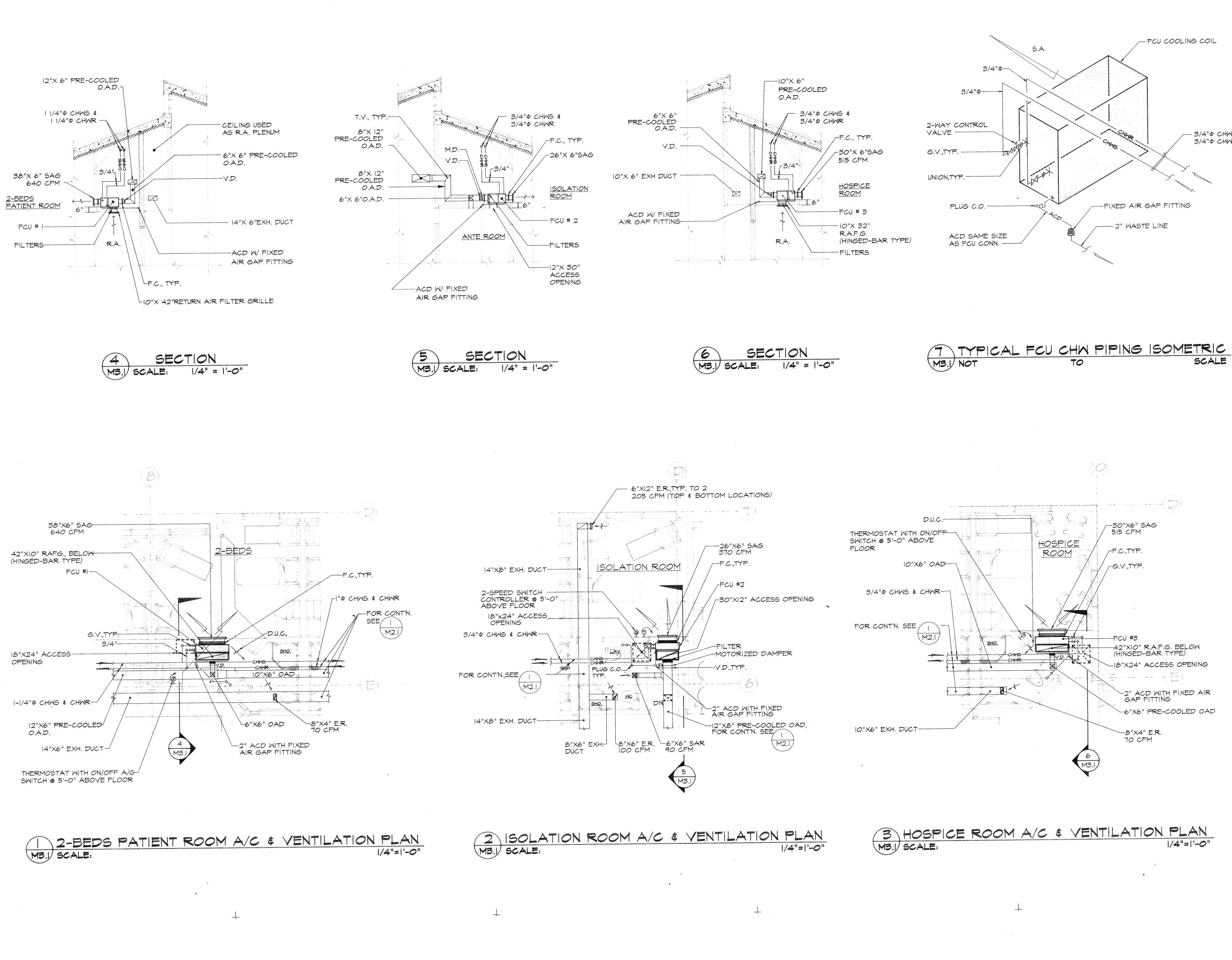
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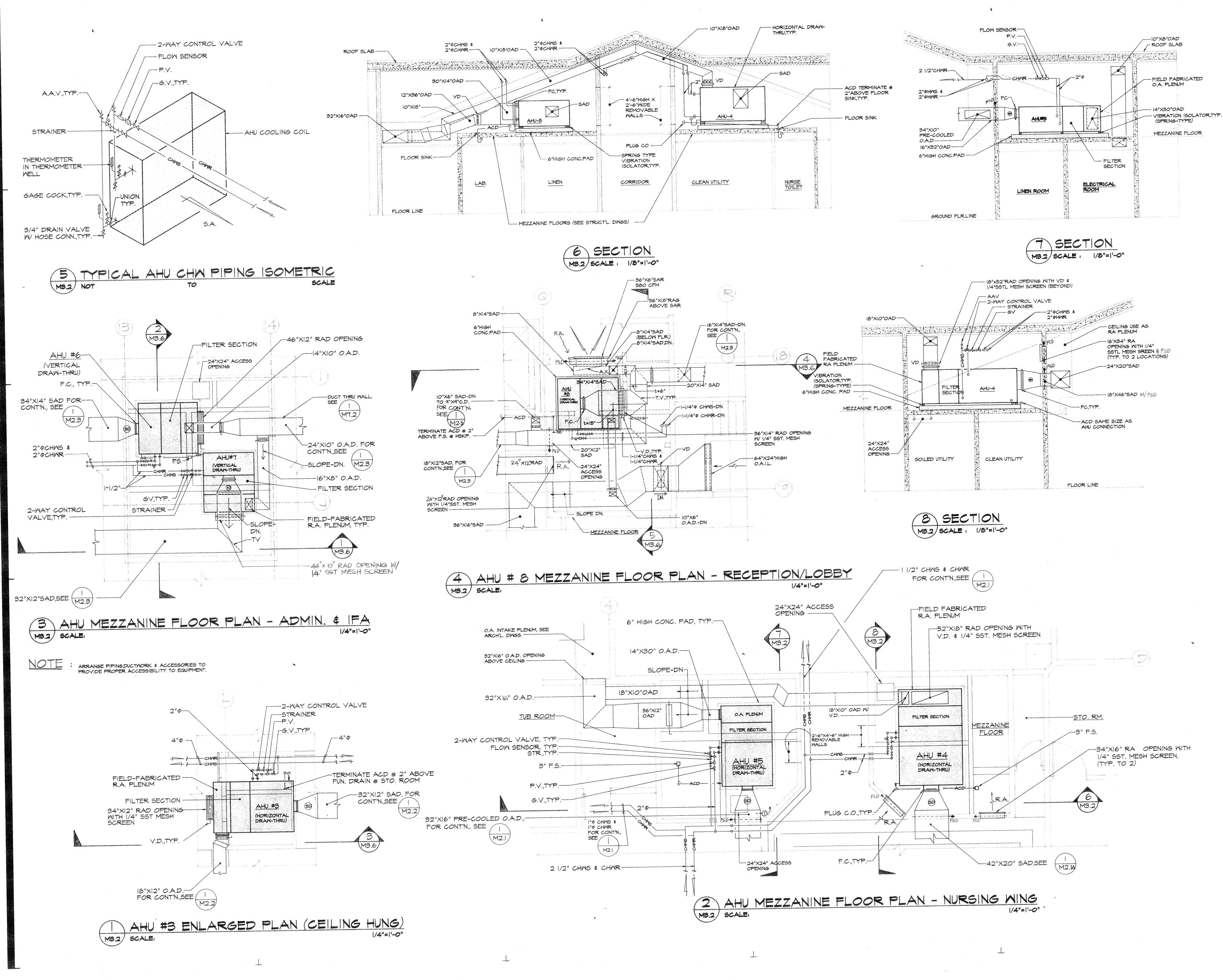
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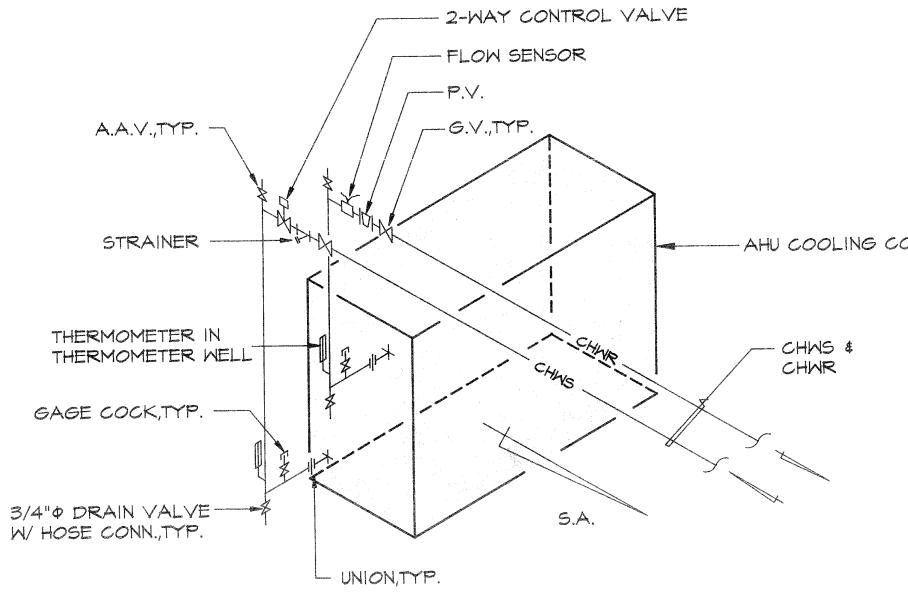
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REVISIONS Description Date Taniguchi-Ruth-Smith **E Associates** Members of the American Institute of Architects 100 Cliff Business Center • Agana, Guam 96910 Telephone(671)477-1223/477-9239 • Fax: (671)472-338 Architecture Planning Interior Design MECHANICAL INC. IT&E PLAZA, SUITE B-105 P.O. BOX 23156 GMF, GUAM 96921 TEL: (671)646-1558/5363 FAX: (671)646-8606 No.209 * TERRITORY ^NOFI I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION DATE: _________ Project: GMH LONG TERM CARE FACILITY Title: 2-BEDS PATIENT ROOM, ISOLATION ROOM \$ HOSPICE ROOM A/C \$ VENTILATION PLANS, PIPING ISOMETRIC Designed: RJP Drawn: J5 Checked: CGV Supv: CGV Scale: AS SHOWN Date: 02 AUGUST 1993 AutoCAD File Project No. Drawing No. MB. Sheet No.



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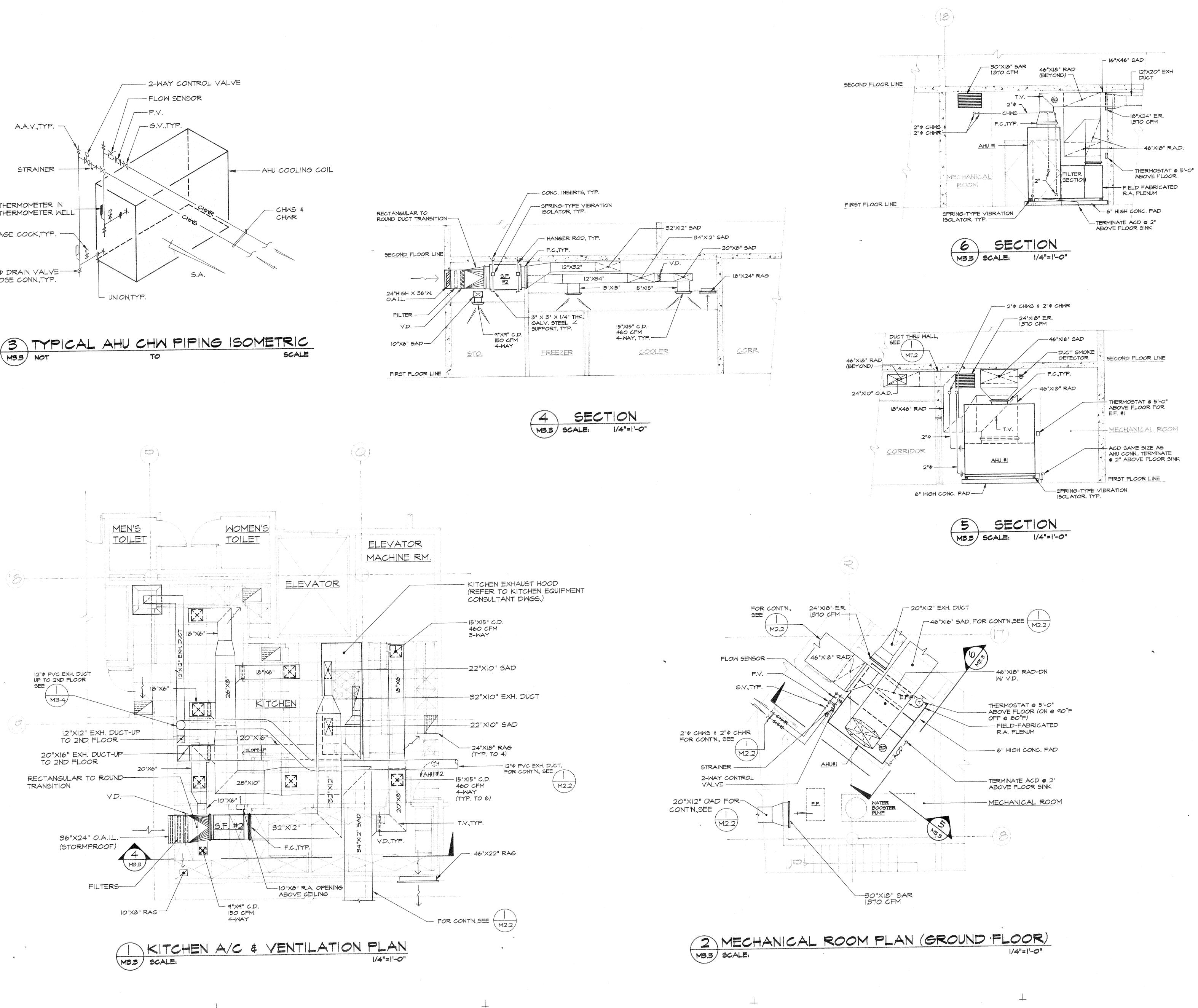
REVISIONS Description Taniguchi-Ruth-Smith ASSOCIATOS Members of the America 100 CRN Buchees Carlor • Agenc, Sum 80910 Telephone(671)477-1223/477-9239 • Fax: (671)472-3 Architecture Planning Interior Design MECHANICAL INC. IT&E PLAZA, SUITE B-105 P.O. BOX 23156 GMF, GUAM 96921 TEL: (671)646-1558/5363 FAX: (671)646-8606 0.209 \bigstar TERRITORY I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION DATE: 8/2/93 Project: GMH LONG TERM CARE FACILITY GUAM BARRIGADA, Title: AHU MEZZANINE FLOOR PLANS, SECTIONS & ISOMETRIC PIPING & NOTE Designed: RJP Drawn: JS/ARNOLD Checked: CGV Supv: CGV Scale: AS SHOWN 02 AUGUST 1993 Date: AutoCAD File Project No. Drawing No. M3.2 Sheet No..

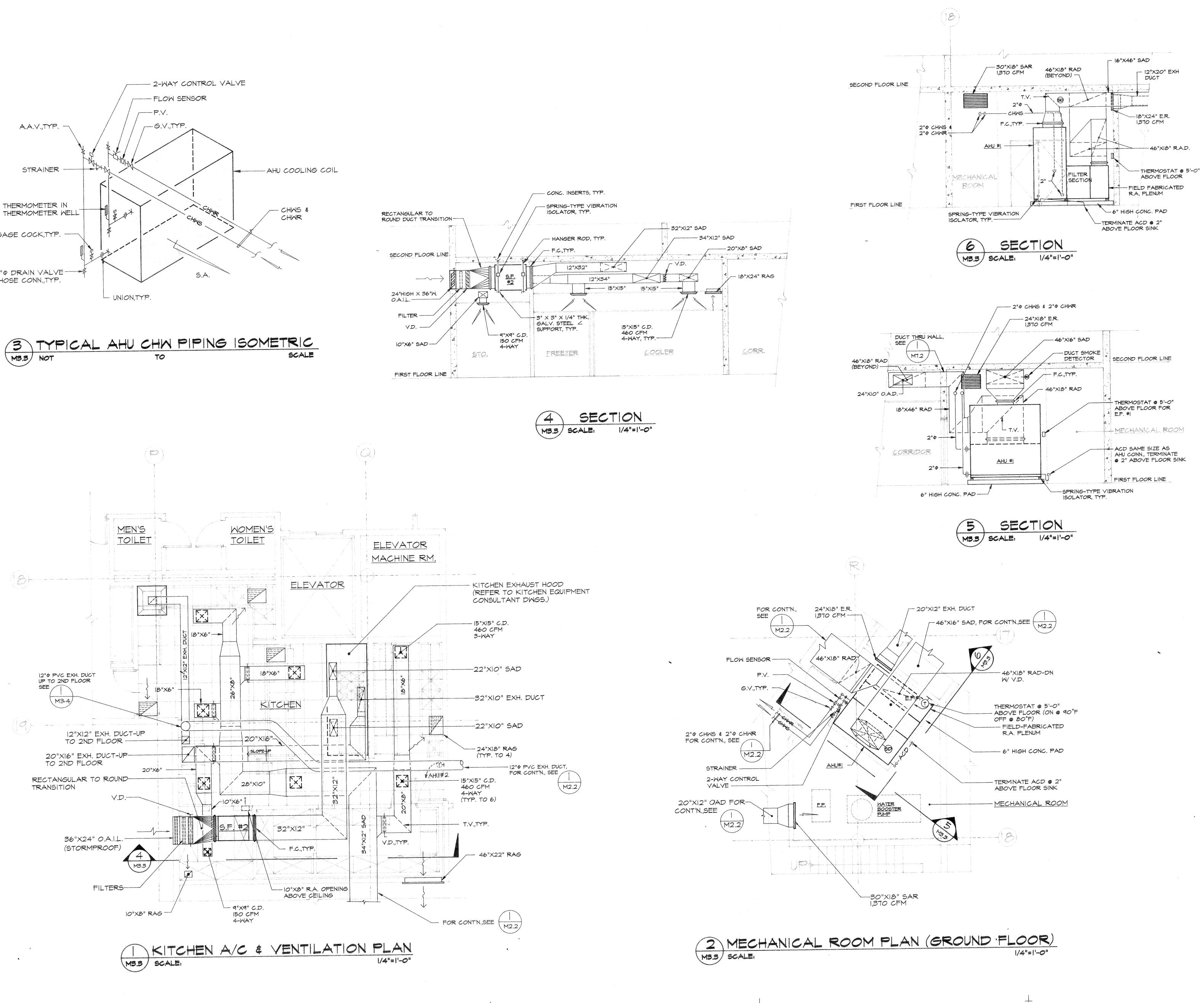


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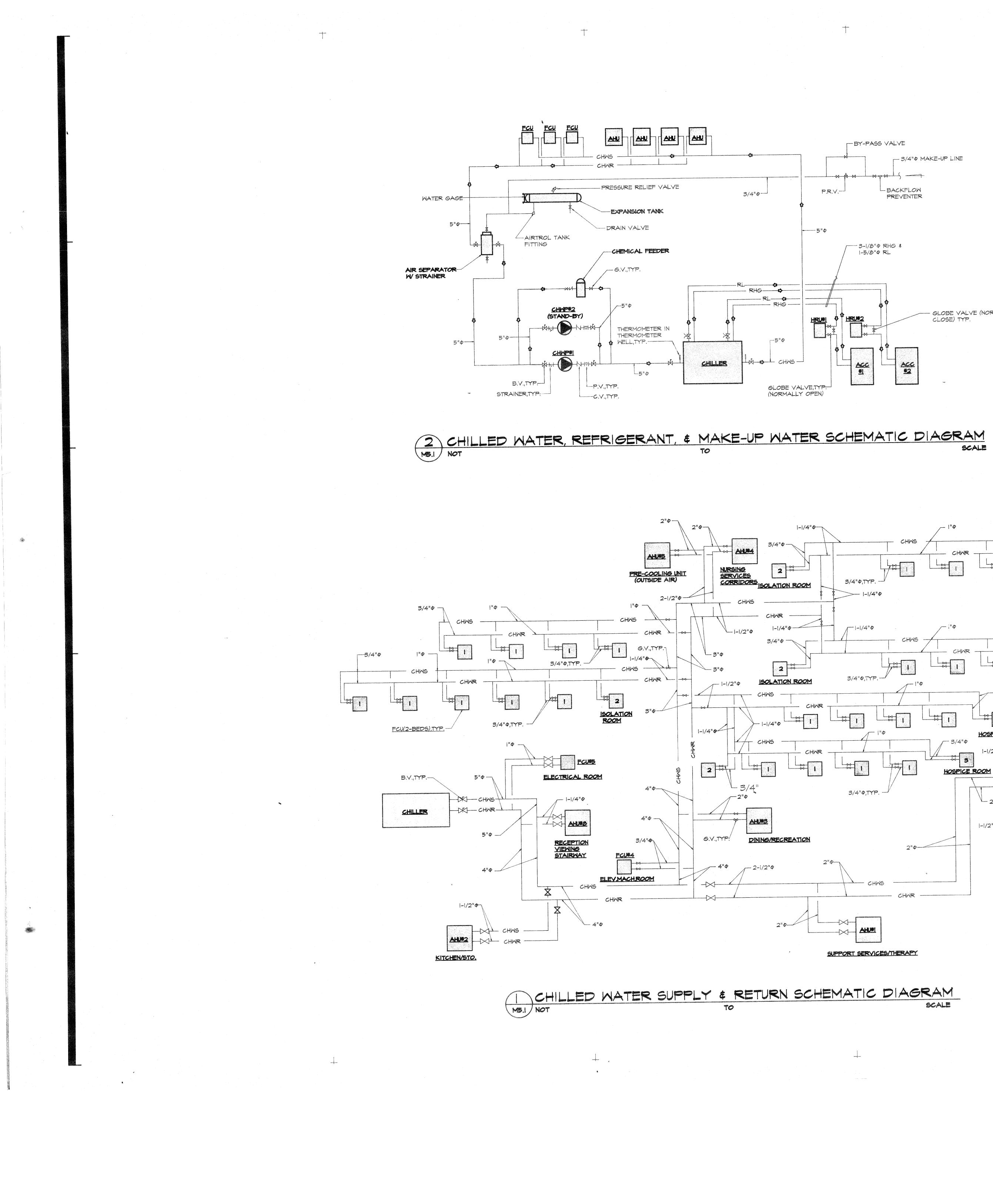


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- 3/4" A MAKE-UP LINE

- BACKFLOW PREVENTER

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- GLOBE VALVE (NORMALLY CLOSE) TYP.

ACC 12

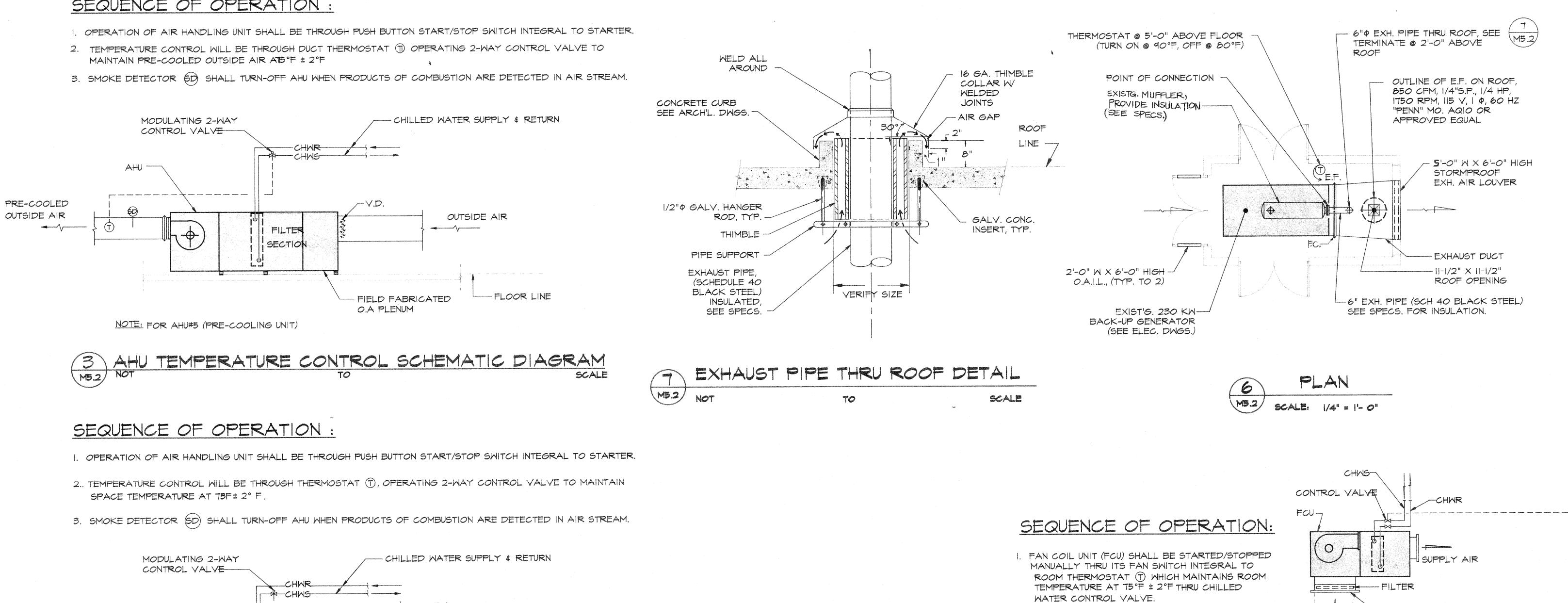
3 $-1^{\prime\prime}\phi$ - 3/4"0 CHWS CHWR ->-787 - FCU(2-BEDS), TYP. ~ i"O CHWS CHWR 12 1-1"0 G.V.,TYP. -3/4"Ø _____3 | formazzo es mieros HOSPICE ROOM |-|/2"Φ-AHME 787 1 HOSPICE ROOM ADMINISTRATION 2"0 AHUM |-|/2"Ø ---INSTITUTE FOR AGING 2"\$_____

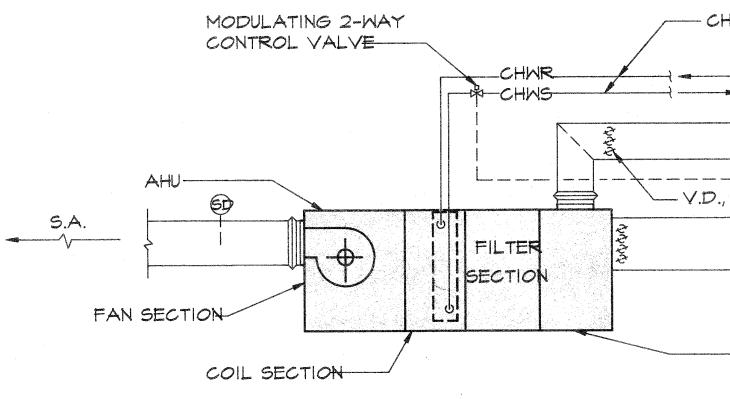
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SEQUENCE OF OPERATION :





NOTE: FOR AHU#2, AHU#3, AHU#4

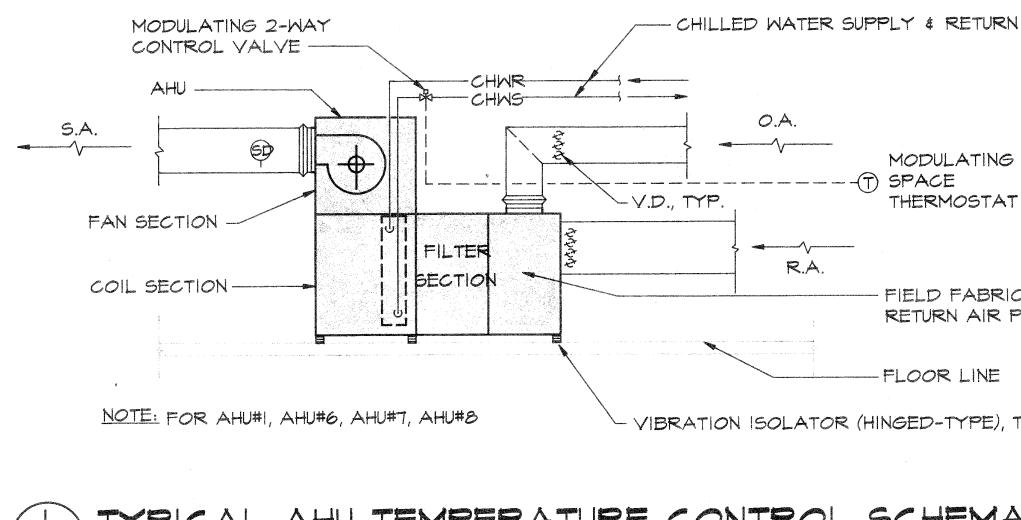
(2)M5.2/ NOT

SEQUENCE OF OPERATION :

M5.2

NOT

- I. OPERATION OF AIR HANDLING UNIT SHALL BE THROUGH PUSH BUTTON START/STOP SWITCH INTEGRAL TO STARTER. 2.. TEMPERATUR CONTROL WILL BE THROUGH THERMOSTAT (T), OPERATING 2-WAY CONTROL VALVE MAINTAIN
- SPACE TEMPERATURE AT 73F± 2° F.



TYP.	R.A. 	(T)	SPAC	LATING E 10STAT	
	anargenterskongenholtenski veldtiskonski tarifi i den filder	WSYMMIC SQUE SHIP COMMO	FIELD	FABRIC	÷

ATED RETURN AIR PLENUM

AIR HANDLING UNIT TEMPERATURE CONTROL SCHEMATIC DIAGRAM SCALE TO

GB

3. SMOKE DETECTOR (SD) SHALL TURN-OFF AHU WHEN PRODUCTS OF COMBUSTION ARE DETECTED IN AIR STREAM.

- CHILLED WATER SUPPLY & RETURN

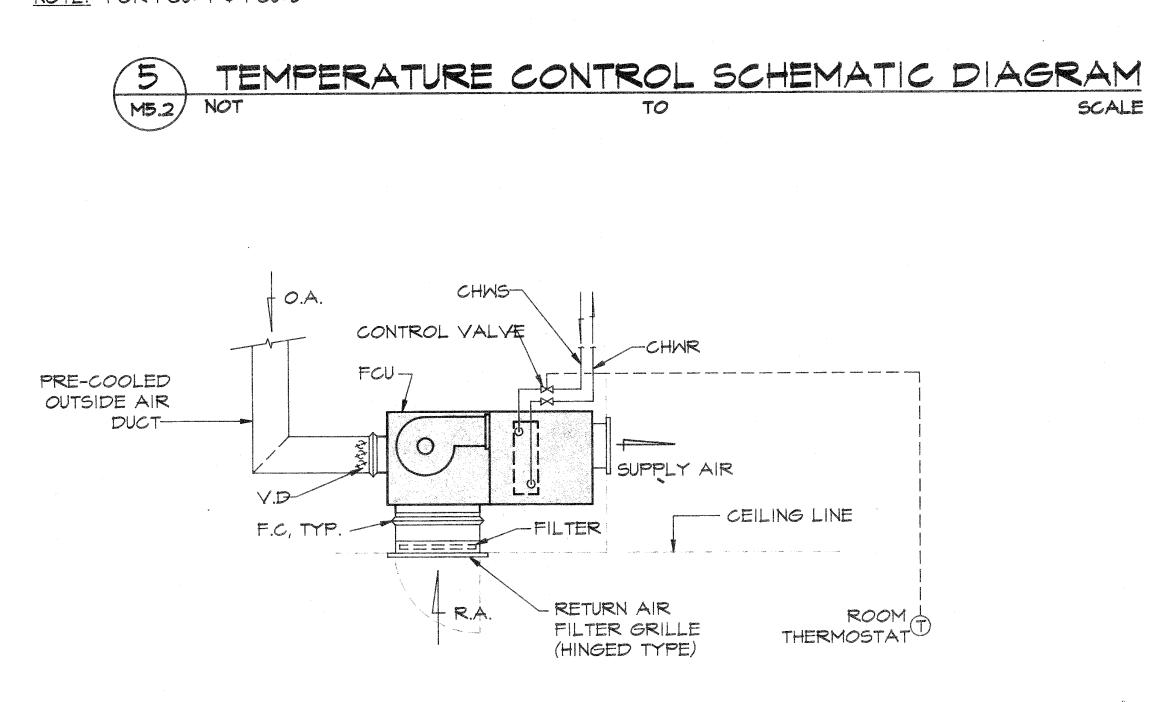
- FIELD FABRICATED RETURN AIR PLENUM

-FLOOR LINE

VIBRATION ISOLATOR (HINGED-TYPE), TYP.

TYPICAL AHU TEMPERATURE CONTROL SCHEMATIC DIAGRAM SCALE

NOTE: FOR FCU#4 \$ FCU#5



SEQUENCE OF OPERATION:

I. FAN COIL UNIT SHALL BE STARTED/STOPPED MANUALLY THRU ITS FAN SWITCH INTEGRAL TO ROOM THERMOSTAT (T) WHICH MAINTAINS ROOM TEMPERATURE AT 75°F ± 2°F THRU CHILLED WATER CONTROL VALVE.

NOTE: FOR FCU#1 & FCU#3

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4	TEMPERATURE	CONTROL	SCHEMATIC	DIAGRAM
M5.2	NOT	ТО		SCALE
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RETURN AIR

FILTER GRILLE

(HINGED TYPE)

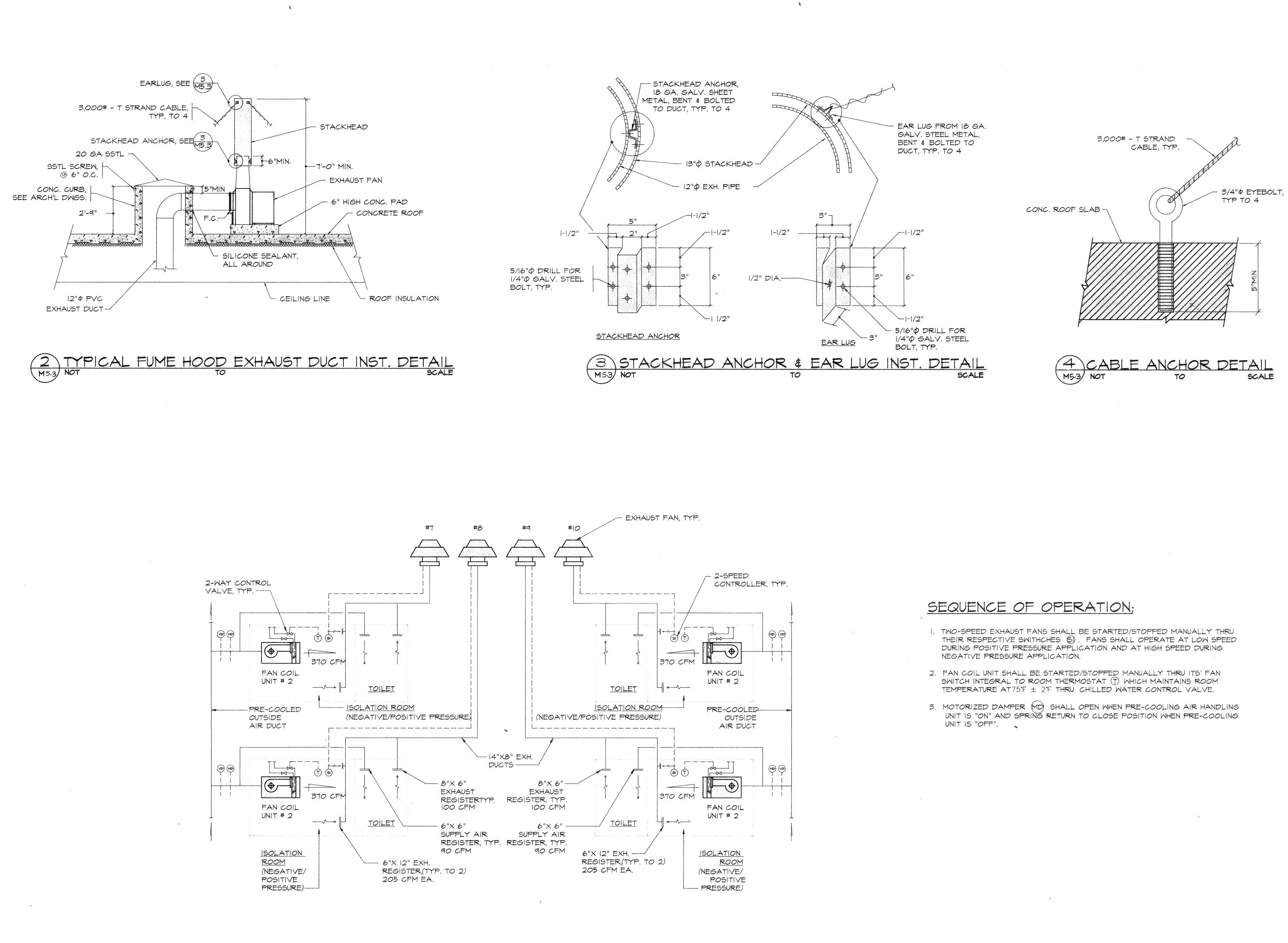
ROOM,

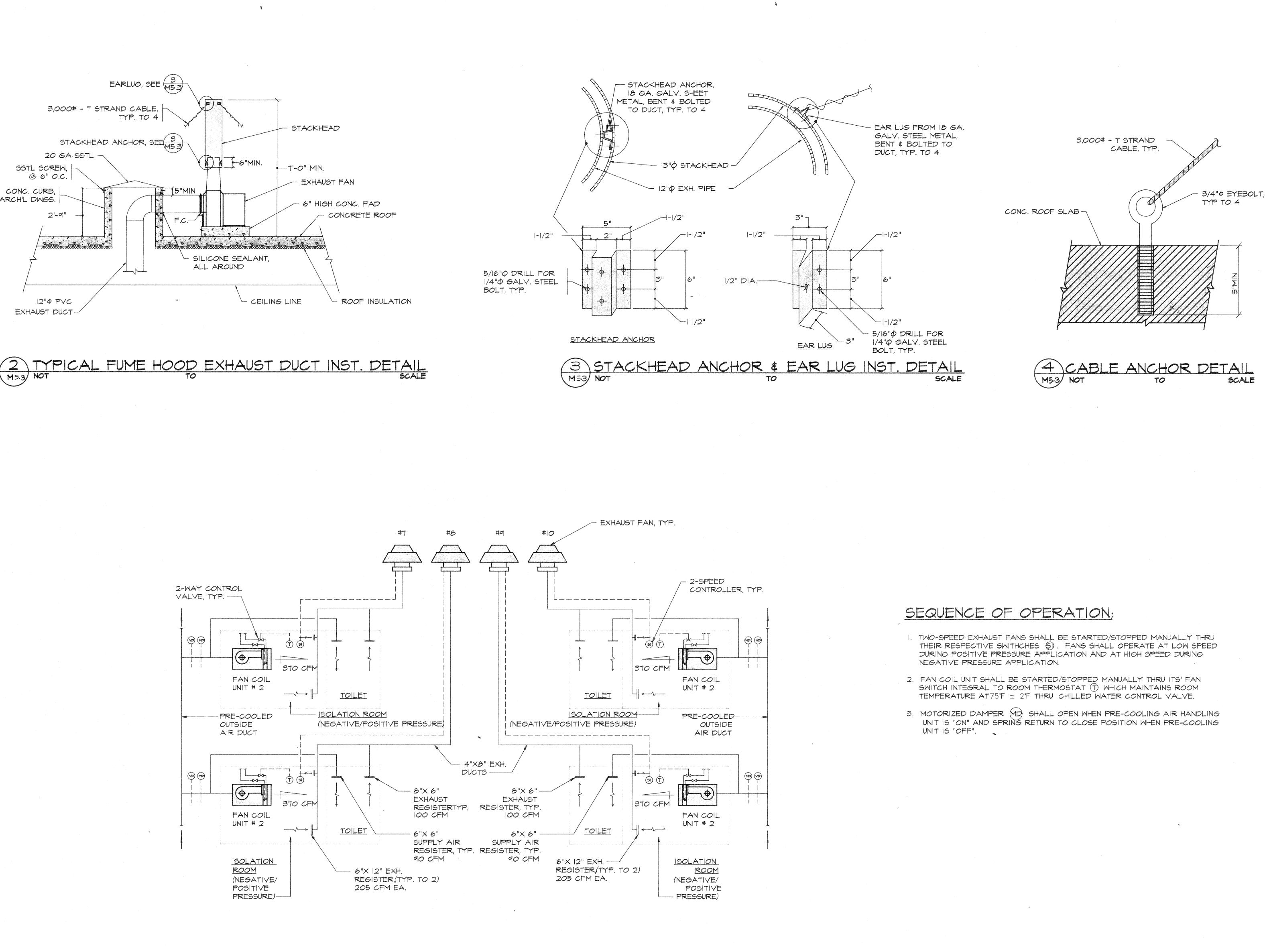
THERMOSTAT

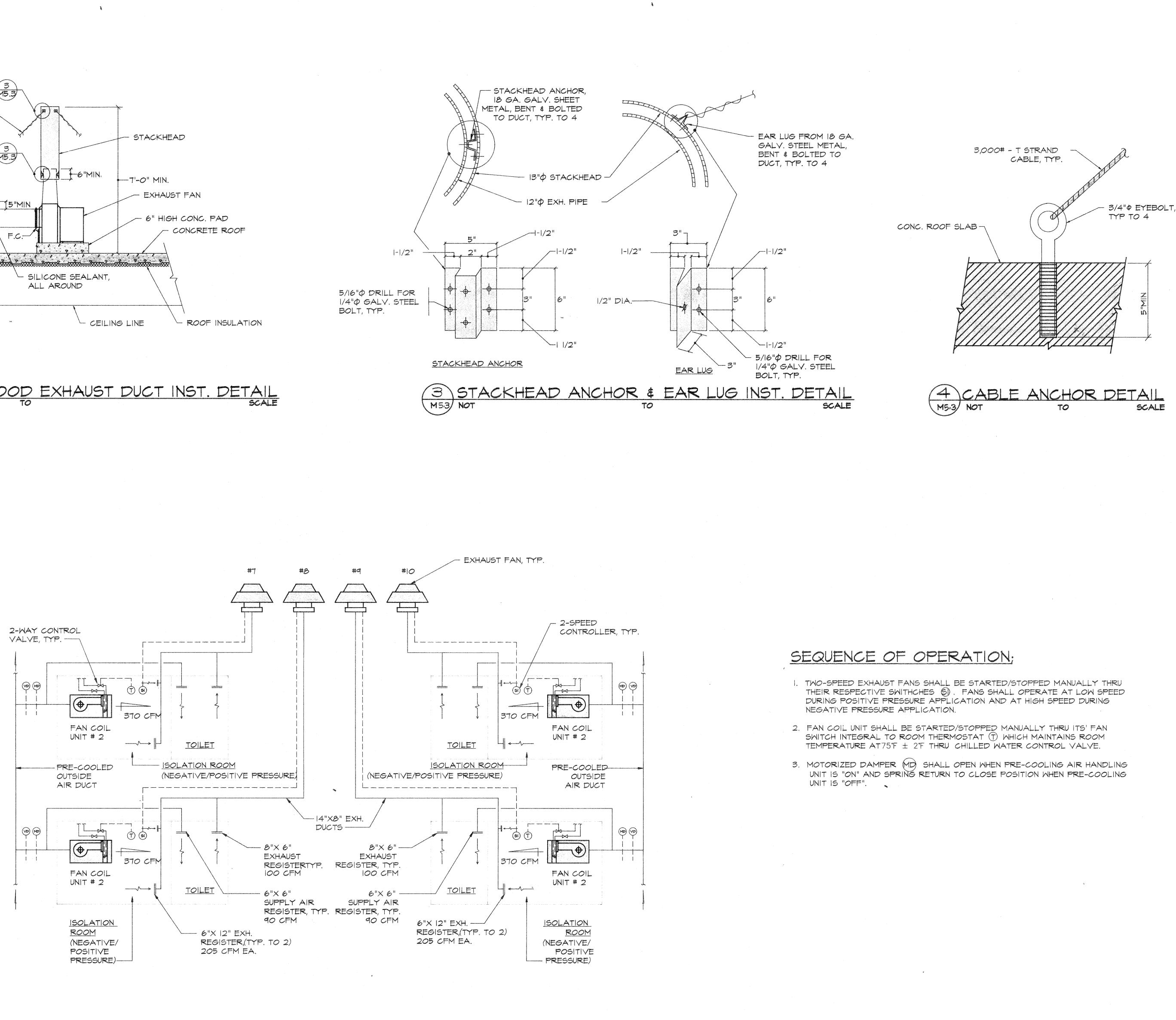
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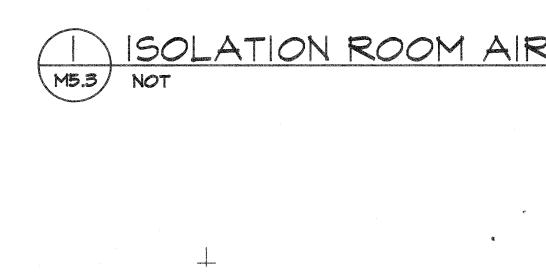
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REVISIONS Description ł. Associates Members of the America Institute of Architects 100 Cliff Business Center • Agana, Guam 96910 Telephone(671)477-1223/477-9239 * Fax: (671)472-338 Architecture Planning Interior Design MECHANICAL INC. IT&E PLAZA, SUITE B-105 P.O. BOX 23156 GMF, GUAM 96921 TEL: (671)646-1558/5363 FAX: (671)646-8606 o.209 TERRITORY ÒF Project: GMH LONG TERM CARE FACILITY BARRIGADA GUAM Title: SCHEMATIC CONTROL DIAGRAMS, BACK-UP GENERATOR PLAN & DETAIL Designed: RJP Drawn: ARNOLD Checked: CGV Supv: RJP Scale: NONE Date: 2 AUGUST 93 Project No. AutoCAD File Drawing No. M5.2 Sheet No.









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I ISOLATION ROOM AIR CONDITIONING & VENTILATION SCHEMATIC CONTROL DIAGRAM

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SCHEDULE OF EQUIPMENT .:

RECIPROCATING CHILLERS (CH)

SAN DE	NOMINAL	CHILLER DATA			CHILLER DATA				A CONTRACTOR OF	DATA	NAMES OF A DESCRIPTION OF	REMARKS
MARK	TONS	GPM	EWTOF	LWT°F	P.D.FT	FACTOR	KΜ	VOLTS	PHASE	CYCLE	RLA	
CH #	145	290	angapananakan yanaka da ana saon kata w	42	10	0.0005	193	460	3	60		"CARRIER" MO. 30HS 195 OR APPROVED EQUAL

1

AIR COOLED CONDENSERS (ACC)

MARK TOTAL HEAT MAXIMUM AMBIENT			CONDENSING	ONDENSING FAN MOTOR				ELECTRICAL	REMARKS	
	REJECTION	TEMPERATURE	TEMPERATURE	QTY	FLA	VOLTS	PHASE	CYCLE	CHARACTERISTICS	"CARRIER" MO.09 DE 084
ACC #I	100.0 TONS	90°F	125°F MAX.	6	3.3	460	ļ	60	460V-30-60HZ	OR APPROVED EQUAL
		nen ale entrate constante para esta esta esta esta a constante a constante de la constante de la constante de Nome	an de la manda de la constance	2	3.3	460		60	460V-30-60HZ	"CARRIER" MO.09 DE 098
ACC #2	ACC #2 112.6 TONS	90°F	125°F MAX.	6	3.0	460	3	60	4008-34-0042	OR APPROVED EQUAL

HEAT RECOVERY UNIT (HRU)

Concernment of the second	MARK	NOMINAL CAPACITY TONS	WATER	R TEMP.	WATER	NOMINAL HEAT TRANSFER (BTU/HR)	REMARKS	
		CAPACITY TONS	INºF	OUTOF	OFM		"NES" MO. E-341-80 OR	
	HRU #1	80	80	140	20		APPROVED EQUAL	
	HRU #2	80	80	140	20	120000	"NES" MO. E-341-80 OR APPROVED EQUAL	

PUMPS

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			(1 dames) , , , , , , , , , , , , , , , , , ,	RPM	HP	ELEC	T. DAT	A	REMARKS		
MARK	SERVICE	GPM	HEAD, FT.	RPIM	FI	VOLTS	PHASE	CYCLE			
CHWP #1	CHILLER	290	80	1750	10	460	3	60	"PACO" MO. 3095-7, DOUBLE SUCTION OR APPROVED EQUAL		
CHWP #2	STAND-BY	290	80	1750	10	460	3	60	"PACO" MO. 3095-7, DOUBLE SUCTION OR APPROVED EQUAL		
F.P.	FIRE PUMP	500	240	3560	50	460	3	60	"AURORA" MO.3-481-10A OR APPROVED EQUAL		
J.P.	JOCKEY PUMP	10	240	3500	2	460	3	60	"AURORA" MO.JP-242-10 & PUMP SIZE FO5 OR APPROVED EQUAL		
and an	LEAD PUMP	33	130	3500	3	460	3	60	"PACOFLO" MO. 9000 TYPE ES		
BOOSTER SYSTEM	MAIN PUMP #1	66	130	3500	5	460	з	60	TRIPLEX WITH 120 GALLONS HYDROPNEUMATIC TANK		
STOLM	MAIN PUMP #2	66	130	3500	5	460	3	60	HIDROFILUMATIO TANK		
HWCP #1	HOT WATER CIRCULATING PUMP	20	20	1750	1/2	115		60	"BELL & GOSSETT" MO. PD-355 OR APPROVED EQUAL		
HWCP #2	HOT WATER CIRCULATING PUMP	20	15	1750	1/3	115	1	60	"BELL & GOSSETT" MO. HD-3 OR APPROVED EQUAL		
HWRCP#1	HOT WATER RETURN CIRCULATING PUMP	15	20	1750	1/2	115		60	"BELL & GOSSETT" MO. PD-355 OR APPROVED EQUAL		
HMRCP#2		15	20	1750	1/2	115		60	"BELL & GOSSETT" MO. PD-355 OR APPROVED EQUAL		

AID HANDI ING UNIT (AHI)

AR HANDLING UNIT (ARU)						CHW DATA				FAN M	IOTOR		SERVICE	REMARKS	
SUPPLY AIR.	OUTSIDE AIR,		COOLING CAPACITY		AIR ENTERING		- 00M	T-IN	MAX P.D.				c		
CFM	CFM	S.P.	TOTAL, BTU/HR	SENSIBLE, BTU/HR	DB °F	WB °F	GFM	٥F	FT OF H2C	1HP	VOLTS	PHASE	CYCLE	CUDBADT	"CARRIER" MO. 39EI7
		1 600	a ana amin'ny fanisana amin'ny fanisana amin'ny fanisana amin'ny fanisana amin'ny fanisana amin'ny fanisana ami			66.6	49	42	10	7-1/2	460	3	60	SERVICES	OR APPROVED EQUAL
						66.4	23	42	10	5	460	3	60	KITCHEN	"CARRIER" MO. 39E08 OR APPROVED EQUAL
							21	42	10	3	460	3	60	DINNING/REC	"CARRIER" MO. 39E08 OR APPROVED EQUAL
			and an and the formation of the state of the s	איינע איי איינע איינע איי				42	10	7-1/2	460	3	60	NURSING SERVICES	"CARRIER" MO. 39EI7 OR APPROVED EQUAL
							34	42	10	5	460	3	60	PRE-COOLED	"CARRIER" MO. 39E08 OR APPROVED EQUAL
							25	42	10	3	460	5	60	ADMINISTRATION	"CARRIER" MO. 39E08 OR APPROVED EQUA
							19	42	10	3	460	3	60	MEDICAL/ DENTIST	"CARRIER" MO. 39E08 OR APPROVED EQUAL
• •		-						42	10	3	460	5	60	REGEPTION/	"CARRIER" MO. 39E08 OR APPROVED EQUAL
	SUPPLY AIR,	SUPPLY AIR, OUTSIDE AIR, CFM CFM 7,420 1,570 4,120 810 3,000 1,440 8,610 1,130 3,510 3,510 4,160 835 3,000 675	SUPPLY AIR, CFM OUTSIDE AIR, EXT. 7,420 1,570 1.5 4,120 810 1.5 3,000 1,440 1.5 8,610 1,130 1.5 3,510 3,510 1.5 4,160 835 1.5 3,000 675 1.5	SUPPLY AIR, CFM OUTSIDE AIR, CFM EXT. 5.P. COOLII TOTAL,BTU/HR 7,420 1,570 1.5 294,720 4,120 810 1.5 136,655 3,000 1,440 1.5 162,301 8,610 1,130 1.5 204,425 3,510 3,510 1.5 204,425 4,160 835 1.5 151,300 3,000 675 1.5 113,110	SUPPLY AIR, CFM OUTSIDE AIR, CFM Ext S.P. COOLING CAPACITY 7,420 1,570 1.5 294,720 187,010 4,120 810 1.5 136,655 93,520 3,000 1,440 1.5 162,301 81,100 8,610 1,130 1.5 204,425 192,555 3,510 3,510 1.5 151,300 98,755 3,000 675 1.5 113,110 71,280	SUPPLY AIR, CFM OUTSIDE AIR, CFM EXT. S.P. COOLING CAPACITY AIR ENT 7,420 1,570 1.5 294,720 187,010 77.1 4,120 810 1.5 136,655 93,520 77.0 3,000 1,440 1.5 162,301 81,100 80.5 8,610 1,130 1.5 204,425 192,555 76.4 3,510 3,510 1.5 151,300 98,755 76.8 4,160 835 1.5 151,300 71,280 71.5	SUPPLY AIR, CFM OUTSIDE AIR, CFM EXT. S.P. COOLING CAPACITY AIR ENTERING T0TAL,BTU/HR SENSIBLE,BTU/HR DB °F WB °F T,420 1,570 1.5 294,720 187,010 171.1 66.6 4,120 810 1.5 136,655 93,520 171.0 66.4 3,000 1,440 1.5 162,301 .81,100 80.5 71.8 8,610 1,130 1.5 204,425 192,555 76.4 65.5 3,510 3,510 1.5 204,425 96,170 88.0 78.0 4,160 835 1.5 151,300 98,755 76.8 66.5 3,000 675 1.5 113,110 71,280 71.5 67.2	SUPPLY AIR, CFM OUTSIDE AIR, CFM EXT. S.P. COOLING CAPACITY TOTALBTU/HR AIR ENTERING GPM 7,420 1,570 1.5 294,720 187,010 77.1 66.6 49 4,120 810 1.5 136,655 93,520 71.0 66.4 23 3,000 1,440 1.5 162,301 81,000 80.5 71.8 27 8,610 1,130 1.5 204,425 192,555 76.4 65.5 44 3,510 3,510 1.5 151,300 98,755 76.8 66.5 25 3,000 675 1.5 151,300 71,280 71.5 67.2 19	SUPPLY AIR, CFM OUTSIDE AIR, CFM EXT. S.P. COOLING CAPACITY AIR ENTERING CHW CHW 7,420 1570 1.5 294,720 187,010 77.1 66.6 49 42 4,120 810 1.5 136,655 93,520 71.0 66.4 23 42 3,000 1,440 1.5 162,301 .81,100 80.5 71.8 27 42 8,610 1,130 1.5 204,425 192,555 76.4 65.5 44 42 3,510 3,510 1.5 204,425 96,170 88.0 78.0 34 42 4,160 835 1.5 151,300 98,755 76.8 66.5 25 42 3,000 675 1.5 113,110 71,280 717.5 67.2 19 42	SUPPLY AIR, CFM OUTSIDE AIR, CFM EXT. S.P. TOTAL,BTU/HR COOLING CAPACITY AIR ENTERING CHM DATA 7,420 1,570 1.5 294,720 187,010 71.1 66.6 49 42 10 4,120 810 1.5 136,655 93,520 71.0 66.4 23 42 10 3,000 1,440 1.5 162,301 .81,000 80.5 71.8 27 42 10 8,610 1,130 1.5 204,425 192,555 76.4 65.5 44 42 10 4,160 835 1.5 151,300 98,755 76.8 66.5 25 42 10 4,160 835 1.5 151,300 98,755 76.8 66.5 25 42 10 4,160 835 1.5 113,110 71,280 71.5 67.2 19 42 10	SUPPLY AIR, CFM OUTSIDE AIR, CFM EXT. S.P. COOLING CAPACITY AIR ENTERING CHN DATA MAX P.D. FT OF H_2O MAX P.D. FT OF H_2O MAX P.D. FT OF H_2O MAX P.D. FT OF H_2O MP 7,420 1570 1.5 294,720 187,010 71.1 66.6 44 42 10 7-1/2 4,120 810 1.5 136,655 93520 71.0 66.4 23 42 10 5 3,000 1,440 1.5 162,301 81,100 80.5 71.8 27 42 10 7-1/2 8,610 1,130 1.5 264,925 192,555 76.4 65.5 44 42 10 7-1/2 3,510 3,510 1.5 204,425 96,170 88.0 78.0 34 42 10 5 4,160 835 1.5 151,300 98,755 76.8 66.5 25 42 10 3 3,000 675 1.5 113,110 71,280	SUPPLY AIR CFM OUTSIDE AIR CFM EXT CFM COOLING CAPACITY TOTAL,BTU/HR AIR ENTERING CHW DATA FAN M 1,420 1,570 1.5 294,720 187,010 171.1 66.6 49 42 10 7-1/2 460 4,120 810 1.5 294,720 187,010 171.1 66.4 23 42 10 7-1/2 460 4,120 810 1.5 162,301 .81,000 80.5 71.8 27 42 10 5 460 3,000 1,440 1.5 204,425 192,555 76.4 65.5 44 422 10 7-1/2 460 3,510 1,53 204,425 196,170 88.0 78.0 34 42 10 7-1/2 460 4,160 33510 1.5 151,300 48,755 76.8 66.5 25 42 10 5 460 4,160 3350 1.5 151,300 71,280	SUPPLY AIR, CFM OUTSIDE AIR, CFM EXT. SP. COOLING CAPACITY TOTAL,BTU/HR AIR ENTERING CHU DATA FAN MOTOR 1,420 1,570 1.5 294,720 187,010 1T.1 66.6 49 4.2 10 $7.1/2$ 460 3 4,120 810 1.5 136,655 93,520 1T.0 66.4 23 4.2 10 5 460 3 3,000 1,440 1.5 162,301 .81,000 80.5 T1.8 27 42 10 3 460 3 3,000 1,440 1.5 264,925 192,555 16.4 65.5 44 42 10 5 460 3 3,510 3,510 1.5 204,425 96,170 88.0 78.0 34 42 10 5 460 3 4,160 835 1.5 19,00 98,755 76.8 66.5 25 42 10 3 460 5	SUPPLY AIR, CPM OUTSIDE AIR CFM EXT. COOLING CAPACITY AIR ENTERING CHM DATA FAN MOTOR 1,420 1,570 1.5 294,720 181,010 T1.1 66.6 49 42 10 1.1/2 460 3 60 4,120 810 1.5 136,655 93,520 T1.0 66.4 23 42 10 1.1/2 460 3 60 3,000 1,440 1.5 162,301 .81,000 80.5 T1.8 27 42 10 3 460 3 60 3,000 1,440 1.5 162,301 .81,000 80.5 T1.8 27 42 10 3 460 3 60 3,000 1,130 1.5 264,925 192,555 T6.4 65.5 44 42 10 5 460 3 60 3,510 1.5 204,425 96,170 88.0 78.0 34 42 10 3 <td< td=""><td>SUPPLY AIR, CFM EXT CFM COOLING CAPACITY AIR ENTERING CHN DATA FAN MOTOR SERVICE SERVICE 7,420 1,570 1.5 244,720 187,010 71.1 66.6 44 42 10 71/2 460 3 60 SUPPORT SERVICES 4,120 100 1.5 244,720 187,010 71.1 66.6 44 42 10 71/2 460 3 60 SUPPORT SERVICES 4,120 810 1.5 186,655 93,520 71.0 66.4 23 42 10 51 460 3 60 KITCHEN 3,000 1,440 1.5 162,301 .81,100 80.5 71.8 27 42 10 3 460 3 60 NIRSING 3,000 1,440 1.5 264,925 192,555 76.4 65.5 44 42 10 71/2 460 3 60 NIRSING 3,510 1.5</td></td<>	SUPPLY AIR, CFM EXT CFM COOLING CAPACITY AIR ENTERING CHN DATA FAN MOTOR SERVICE SERVICE 7,420 1,570 1.5 244,720 187,010 71.1 66.6 44 42 10 71/2 460 3 60 SUPPORT SERVICES 4,120 100 1.5 244,720 187,010 71.1 66.6 44 42 10 71/2 460 3 60 SUPPORT SERVICES 4,120 810 1.5 186,655 93,520 71.0 66.4 23 42 10 51 460 3 60 KITCHEN 3,000 1,440 1.5 162,301 .81,100 80.5 71.8 27 42 10 3 460 3 60 NIRSING 3,000 1,440 1.5 264,925 192,555 76.4 65.5 44 42 10 71/2 460 3 60 NIRSING 3,510 1.5

FAN COIL UNIT (FCU)

				COOLIN	AIR ENTERING		CHW DATA				FAN M	10TOR				
	SUPPLY AIR,	OUTSIDE AIR,	EXT.				COM	T-IN	MAX P.D.	HP	VOITS	PHASE	CYCLE	SERVICE	REMARKS	
MARK	CFM	CFM	S.P.	TOTAL, BTU/HR	SENSIBLE, BTU/HR	DB °F	WB °F	OFM	۰F	FT OF H20	EACH				ALL 2-BEDS	"CARRIER" MO.42CE SIZE OE
			0.15	13,210	12,700	75.0	63.0	2.2	42	5	1/6	115		60	ROOM	OR APPROVED EQUAL
FCU #1	640	70		8,010	1,760	75.0	62.5	1.3	42	7.5	1/12	5		60	ALL ISOLATION	"CARRIER" MO.42CE SIZE O4 OR APPROVED EQUAL
FCU #2	310	310	0.15			75.0	62.6	2.0	42	5	1/6	115		60	ALL HOSPICE	"CARRIER" MO.42CE SIZE OG OR APPROVED EQUAL
FCU #3	515	10	0.15	11,280	10,770			3.0		5	1/12	115			ELEVATOR	"CARRIER" MO.42CE SIZE IO OR APPROVED EQUAL
FCU #4	900		0.15	18,060	18,060	75.0	62.6	0.0	T do						MACHINE RM. ELECTRICAL	"CARRIER" MO.42BH SIZE 30
FCU #5	2,250	an a	0.15	45,075	45,075	75.0	62.6	7.5	42	5		115		60	ROOM	OR APPROVED EQUAL

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NOTE: ALL EQUIPMENT WITH INTEGRAL STARTERS AND CONTROLS SHALL BE PROVIDED WITH INDIVIDUAL THREE PHASE MONITORS TO PROTECT EQUIPMENT FROM PHASE LOSS, PHASE REVERSAL PHASE UNBALANCE OR UNDER VOLTAGE. VERIFY POWER SUPPLY CHARACTERISTICS FROM ELECTRICAL DWGS. BEFORE ORDERING EQUIPMENT

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		CFM			. 16-5	المتحديد المحمد المحم	ELEC	T. DAT	Ą	REMARKS
MARK	SERVICE		SP IN WG.	RPM	HP & WATT	TYPE	VOLTS	PHASE	CYCLE	
	MECHANICAL RM. (GROUND FLOOR)	1,370	1/2	1750	3/4	IN-LINE FAN	460	3	60	"PENN" MO. SX 105 QA OR APPROVED EQUA
E.F #2	MEN'S SHOWER/TOILETS	320	1/4	1080	IG IN I	IN-LINE FAN	115		60	"PENN" MO. ZIO OR APPROVED EQUAL
E.F #3	WOMEN'S SHOWER/TOILETS	360	1/4	1080	147W.	IN-LINE Fan	115]	60	"PENN" MO. ZIO OR APPROVED EQUAL
E.F #4	SOILED LINEN (GROUND FLR.)	160	1/4	1050	51 M.	IN-LINE FAN	115		60	"PENN" MO. ZOTDA OR APPROVED EQUAL
E.F #5	HAZARD STO. (GROUND FLR.)	200	1/4	1110	130 W	IN-LINE FAN	115	Î	60	"PENN" MO. 281 OR APPROVED EQUAL
E.F #6	MENS/WOMENS	120	1/4	1050	51 W.	IN-LINE FAN	115		60	"PENN" MO. 28 OR APPROVED EQUAL
E.F #1 E.F #10		510 EA. 255 *	3/8	1700	1/6 EA.	ROOF VENTILATOR	115		60	"PENN" MO. XQ94L OR APPROVED EQUAL
E.F #1	(NURSING WING) PATIENT RM.TOILETS	1,130	1/2	1750	1/3	ROOF VENTILATOR	115]	60	"PENN" MO. AQ20 OR APPROVED EQUAL
E.F #12	(NILIDGING WING)	1,230	1/2	1750	1/3	ROOF VENTILATOR	115		60	"PENN" MO. AQ20 OR APPROVED EQUAL
E.F #13	KITCHEN HOOD	3,600	1-1/2	1115	2	UPBLAST ROOF	460	3	60	"PENN" MO. FMX24BH OR APPROVED EQUA.
E.F #14	MECHANICAL RM. (2ND FLR.)	5,390	3/8	470	ching the second se	ROOF VENTILATOR	460	3	60	"PENN" MO. RB30 OR APPROVED EQUAL
- + + b	MENG/WOMENG	120	1/4	1050	51 W.	CEILING MTD. FAN	115		60	"PENN" MO. ZOTDA OR APPROVED EQUAL
EF #16 EF #17	MENS/WOMENS	90 EA.	1/4 EA.	1580 EA.	50 W EA.	FAN	115]	60	"PENN" MO. Z5 OR APPROVED EQUAL
E.F #18		3,800	1/2	0.85		IN-LINE FAN	460	3	60	"PENN" MO. SX205BA OR APPROVED EQUA
=.F # C	DISHWASHER HOOD (KITCHEN)	900	3/4	1750	1/3	ROOF	115		60	"PENN" MO. AQ20 OR APPROVED EQUAL
F #20	DECREATION RM	50	1/4	1580	50W.	CEILING FAN	115		60	"PENN" MO. 25 OR APPROVED EQUAL
5.F #1	MECHANICAL PM	1,370	1/2	1750	3/4	IN-LINE FAN	460	3	60	"PENN" MO. SXIO5QA OR APPROVED EQUA
9.F *;	2 KITCHEN HOOD	2,880	1/2	670	3/4	IN-LINE FAN	460	3	60	"PENN" MO. SX225BA OR APPROVED EQU,
S.F #:	MECHANICAL RM. 3 (2ND FLR.)	5,400	1/2	920	2	IN-LINE FAN	460	3	60	"PENN" MO. SX225BA OR APPROVED EQU,
5,F #4		890	3/8	1165	1/4-	IN-LINE FAN	115		60	"PENN" MO. SX105TA OR APPROVED EQU

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* LOW SPEED CFM

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REVISIONS Description Date TDC **Taniguchi-Ruth-Smith Associates** 100 Cliff Business Center • Agana, Guam 96910 Telephone(671)477-1223/477-9239 • Fax: (671)472-3381 Architecture Planning Interior Design MECHANICAL INC. IT&E PLAZA, SUITE B-105 P.O. BOX 23156 GMF, GUAM 96921 TEL: (671)646-1558/5363 FAX: (671)646-8606 I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION DATE: $\frac{2/2/73}{2}$ Project: GMH LONG TERM CARE FACILITY -GUAM BARRIGADA, Title: SCHEDULE OF EQUIPMENT Designed: RJP Drawn: ARNOLD Checked: CGV Supv: RJP Scale: NONE Date: 02 AUGUST 1993 Project No. AutoCAD File Drawing No. M6.1 Sheet No.____ of ____

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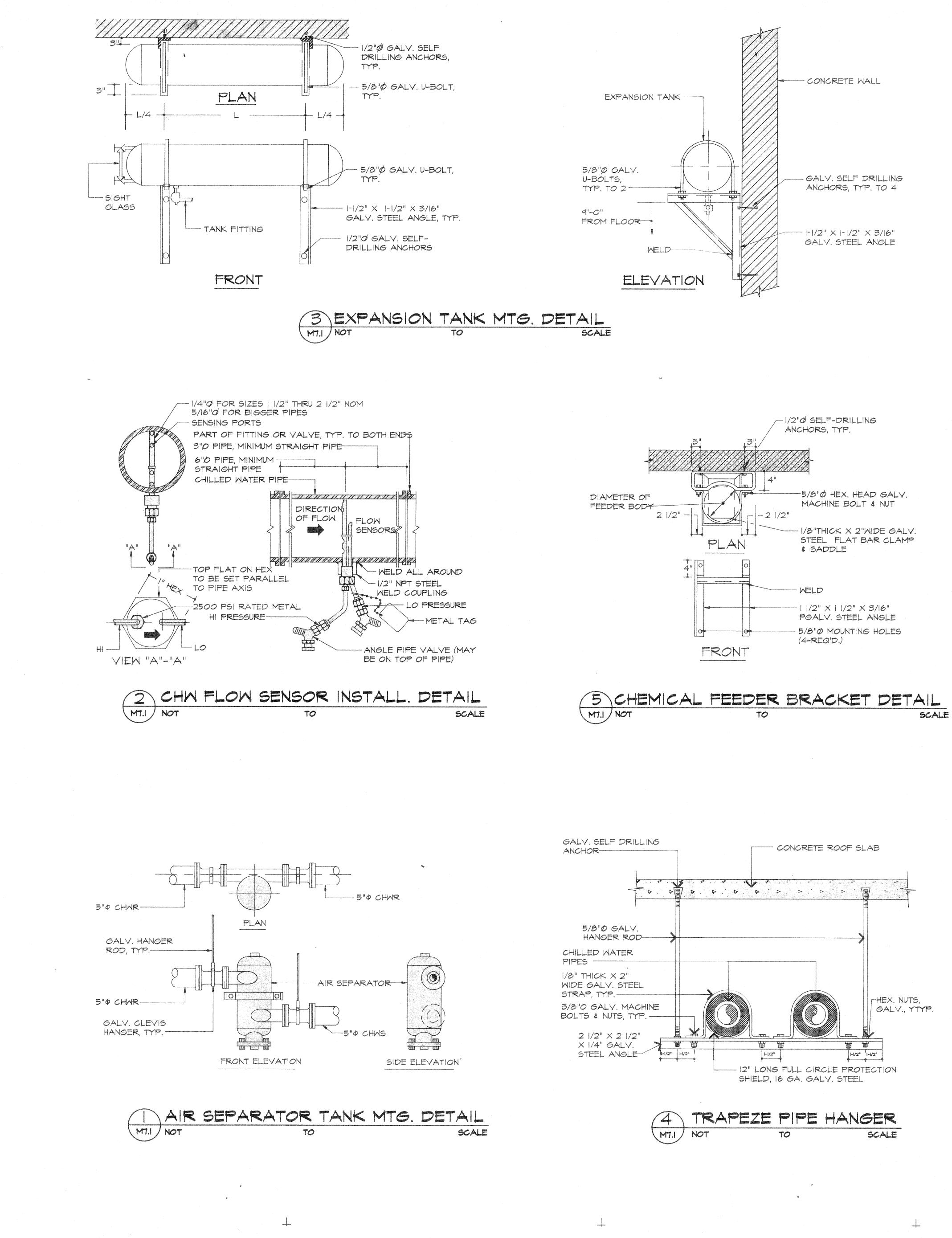
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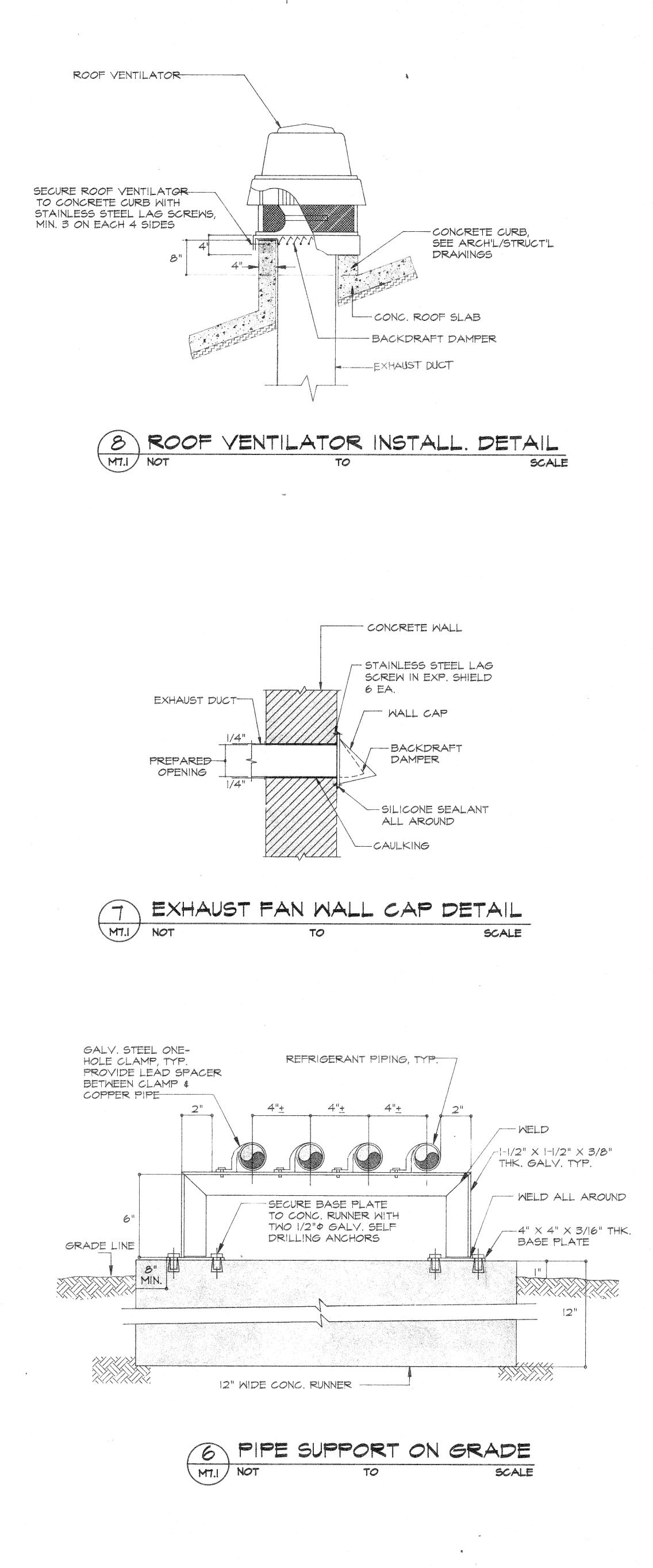
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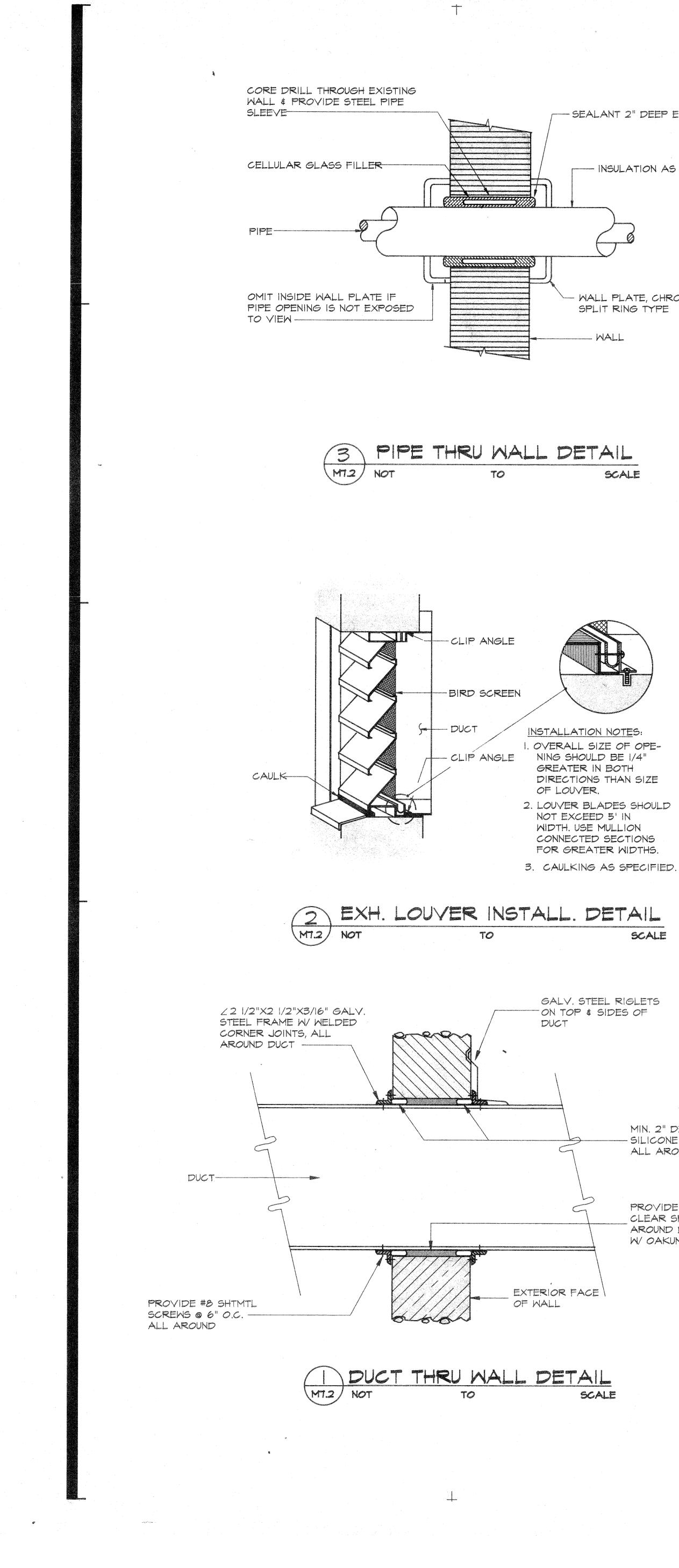
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REVISIONS Description Taniguchi-Ruth-Smith Associates Members of the American Institute of Architecte 100 Cliff Business Center • Agana, Guam 96910 Telephone(671)477-1223/477-9239 • Fax: (671)472-338 Architecture Planning Interior Design MECHANICAL INC. IT&E PLAZA, SUITE B-105 P.O. BOX 23156 GMF, GUAM 96921 TEL: (671)646-1558/5363 FAX: (671)646-8606 No.209 * TERRITORY I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION DATE: 8/3/93 Project: GMH LONG TERM CARE FACILITY BARRIGADA, GUAM Title: MISCELLANEOUS DETAILS Designed: RJP Drawn: PG/ARNOLD Checked: CGV Supv. RJP Scale: _{NONE} Date: Project No. AutoCAD File Drawing No. MT. Sheet No.



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----- INSULATION AS REQUIRED

- WALL PLATE, CHROME PLATED

SCALE

MIN. 2" DEEP SILICONE SEALANT ALL AROUND

PROVIDE 1/2" CLEAR SPACE AROUND DUCT W/ OAKUM FILLER

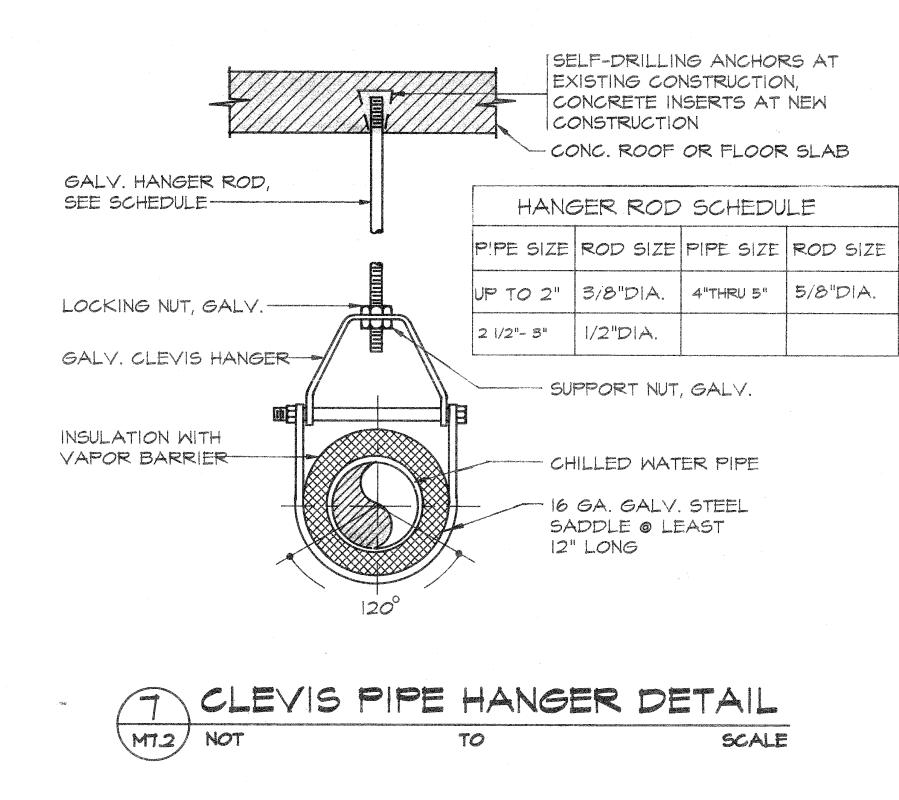
- MAIN DUCT \leq -45° BRANCH CONNECTION (TO ROUND) -BEND OVER AFTER ASSEMBLY APPLY SEALANT FLEXIBLE DUCT INSTALL. DETAIL 6 MT.2 NOT TO L = 1/4W, 4'' MIN.- CLOSE OPENING AT CORNERS

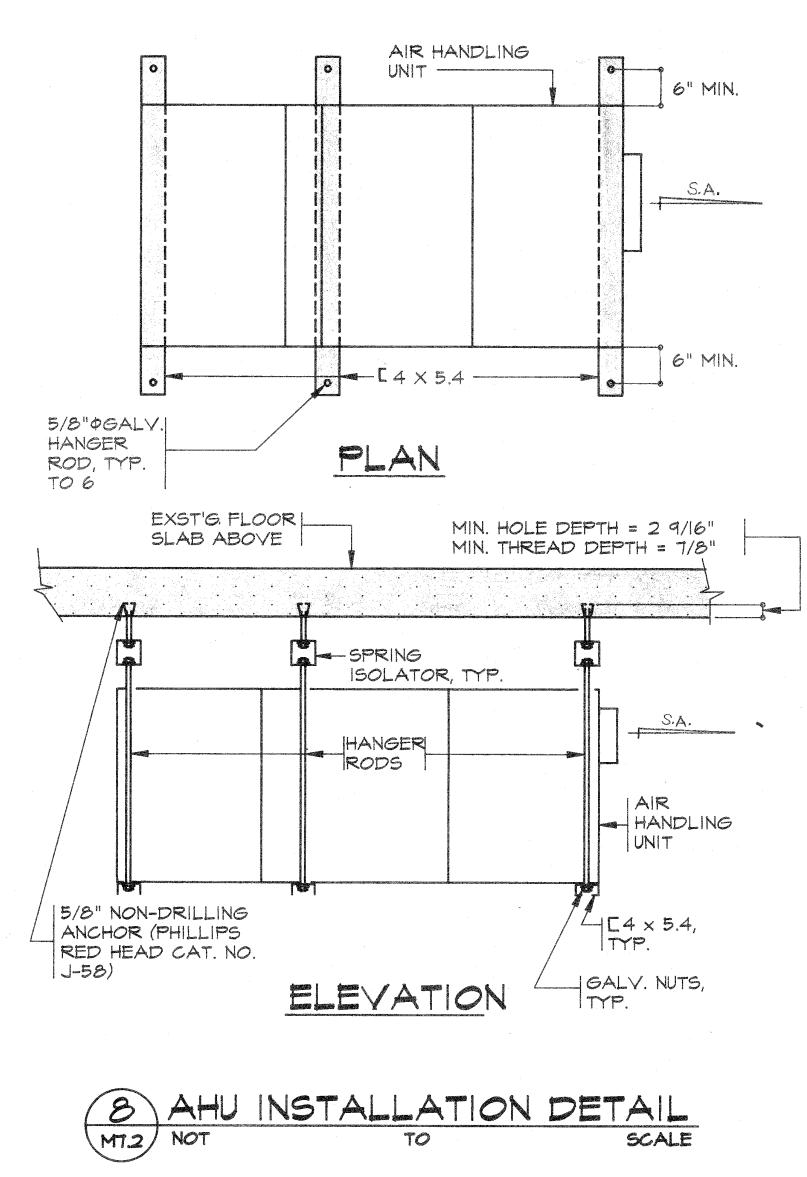
45 DEGREE ENTRY, ϕ = 45 °

5 BRANCH CONNECTION DETAIL MT.2 NOT SCALE TO

IMPREGNATED GLASS FIBERFABRIC SHEETMETAL SELF-U-STRIP (TYP.) ·----TAPPING SCREW MACHINE BOLT-WELD ALL AROUND V grandenska med andre standenska standenska standenska standenska standenska standenska standenska standenska STEEL ANGLE DUCT LINER-DUCT -----V N V V V - CASING OR MIXING BOX

> 4 FLEXIBLE DUCT CONNECTION MT.2 NOT TO TO et **4**





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SCALE

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