GUAM MEMORIAL HOSPITAL AUTHORITY 850 GOV. CARLOS G. CAMACHO ROAD TAMUNING, GUAM 96913 PHONE: 671-647-2165

EMAIL: materials.mgmt@gmha.org

TRANSMITTAL SHEET

TO:	Prospective Bidder
FROM:	Hospital Materials Management Administrator
DATE:	October 4, 2024
SUBJECT:	GMHA IFB 023-2024 Removal and Replacement of SNF Chilled Water Lines at Nursing Wings A, B, & C Amendment No.2
PAGES:	19 including cover sheet
NOTES:	
An acknowled	Igement via a return email would be appreciated as soon as possible.
DATE / VEN	DOR ACKNOWLEDGEMENT

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GUAM MEMORIAL HOSPITAL AUTHORITY

ATURIDÅT ESPETÅT MIMURIÅT GUÅHÅN

850 Governor Carlos Camacho Road, Tamuning, Guam 96913 Operator: (671) 647-2330 or 2552 | Fax: (671) 649-5508



AMENDMENT #2

GMHA IFB 023-2024

Removal and Replacement of Skilled Nursing Facility(SNF) Chilled Water Lines (CHWL) at Nursing Wings A, B, & C

This amendment is issued for the following:

To Include Attachment A to Bid Packet.

Please acknowledge receipt of this Amendment by signing and sending it back to Materials Management via email to materials.mgmt@gmha.org.

If you have any questions, please feel free to address your letter to Lillian Perez-Posadas MN, RN, and email it to Materials Management at <u>materials mgmt@gmha.org</u>.

Sincerely;

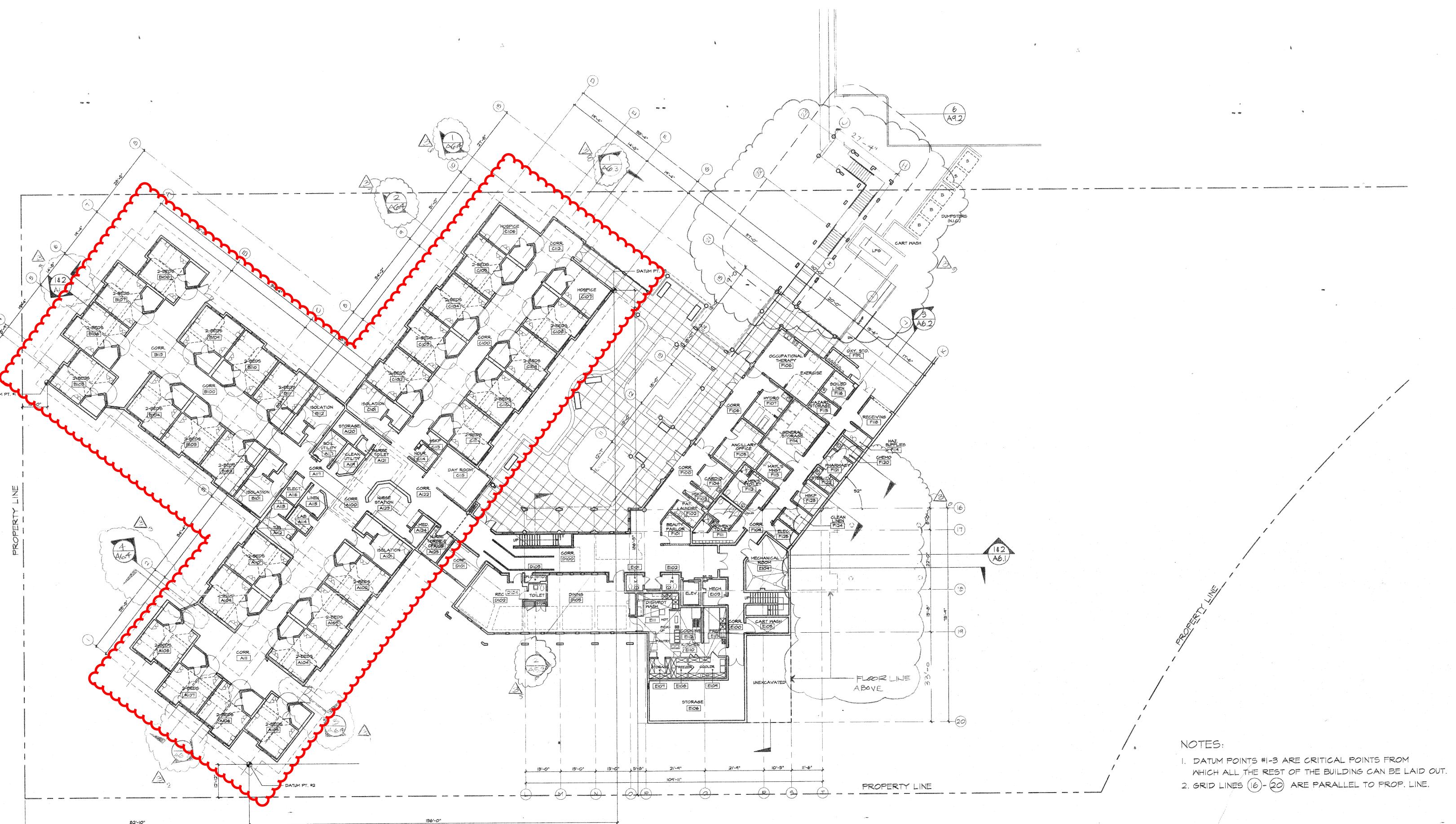
DOLORES PANGELINAN

Hospital Materials Management Administrator

ACKNOWLEDGME	ENT:
PRINT NAME	
SIGNATURE	DATE

Removal & Replacement of Chilled water line at Nursing Wings A, B & C STORM DRAINAGE FIELD REFER TO LANDSCAPE DRAWINGS FOR TREE LOCATIONS,
TREE SYMBOLS HAVE BEEN REMOVED FROM THIS SHEET. GOVERNMENT LAND 4'-0"H CHAIN LINK FENCE V-4'-0"H CHAIN LINK FENCE 4'-0"H CHAIN SEE ALL FOR BUILDING POSITION ON SITE & CRITICAL DATUM POINTS. TRANSFORMER N 17° 55' 30" W 80' PUBLIC ACCESS & UTILITY R/W

61 3270-5 ordet, auca I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION DATE: LONG TERM CARE FACILITY BARRIGADA, SITE PLAN

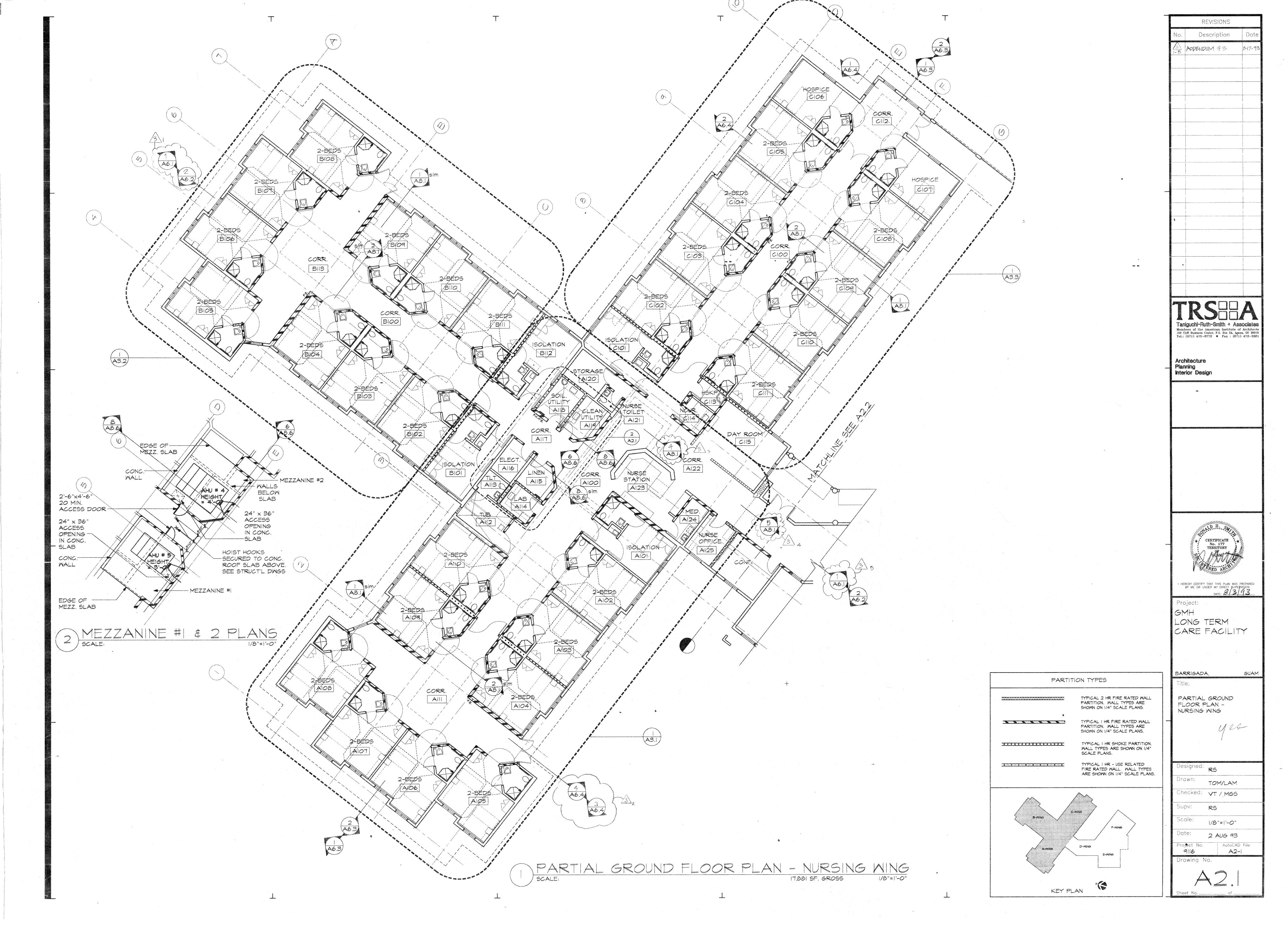


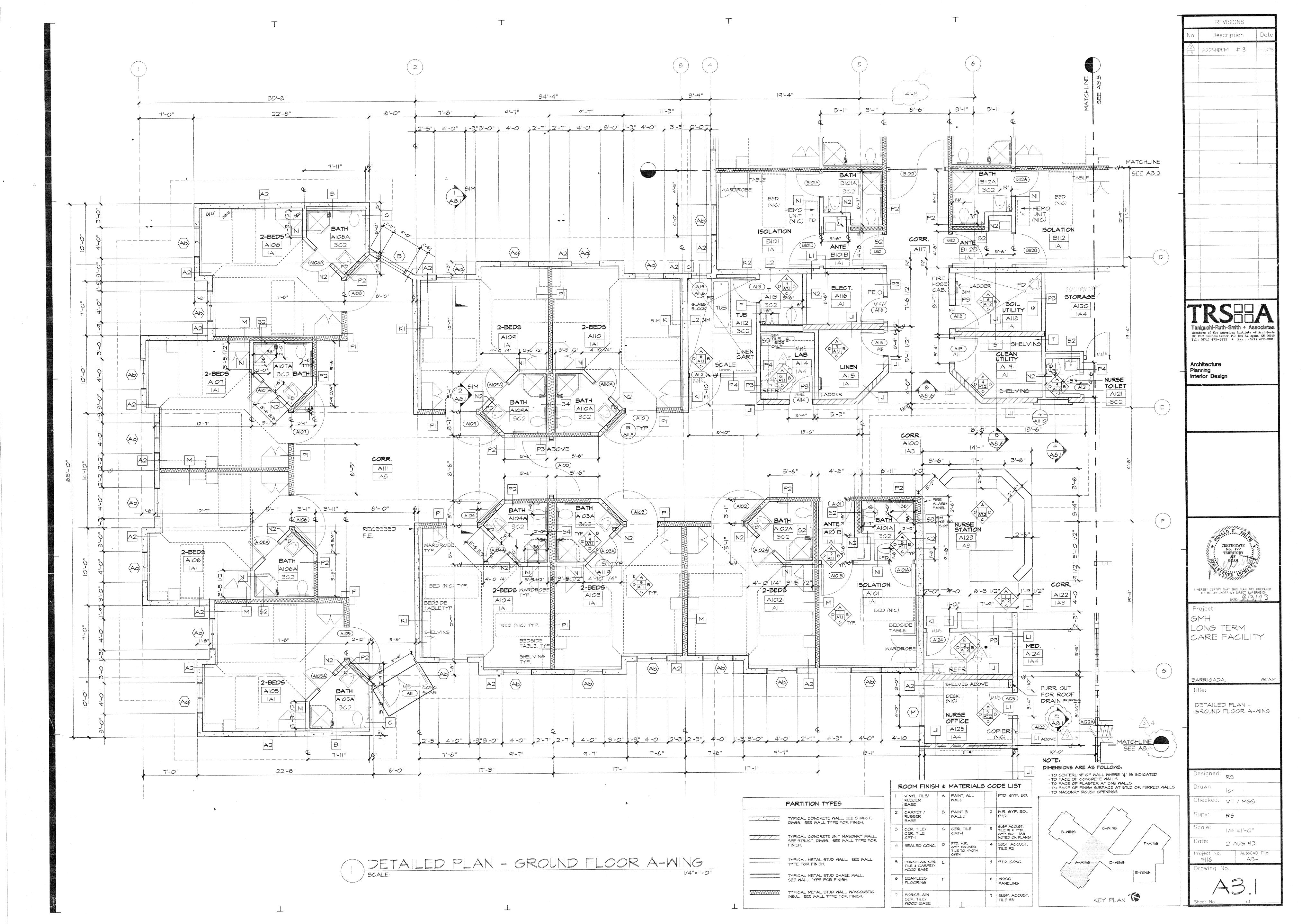
GROUND FLOOR PLAN > (SCALE: 1/16"=1'-0"

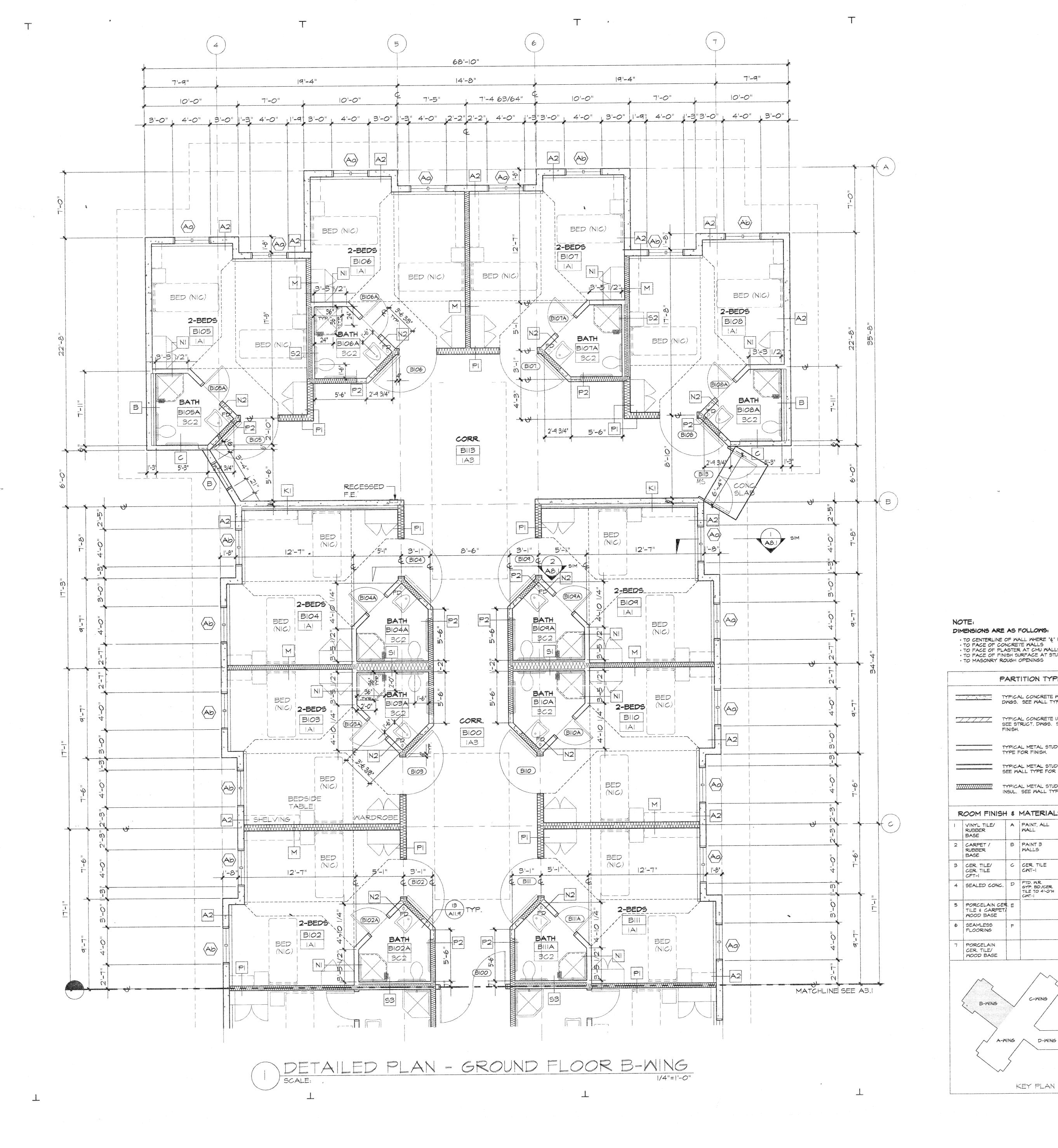
REVISIONS Description Taniguchi-Ruth-Smith + Associates
Members of the American Institute of Architects
100 Cliff Business Center, P.O. Box EA, Agana, GU 96910
Tel.: (671) 475-8772 • Fax: (671) 472-3381 LONG TERM CARE FACILITY BARRIGADA, GROUND FLOOR PLAN

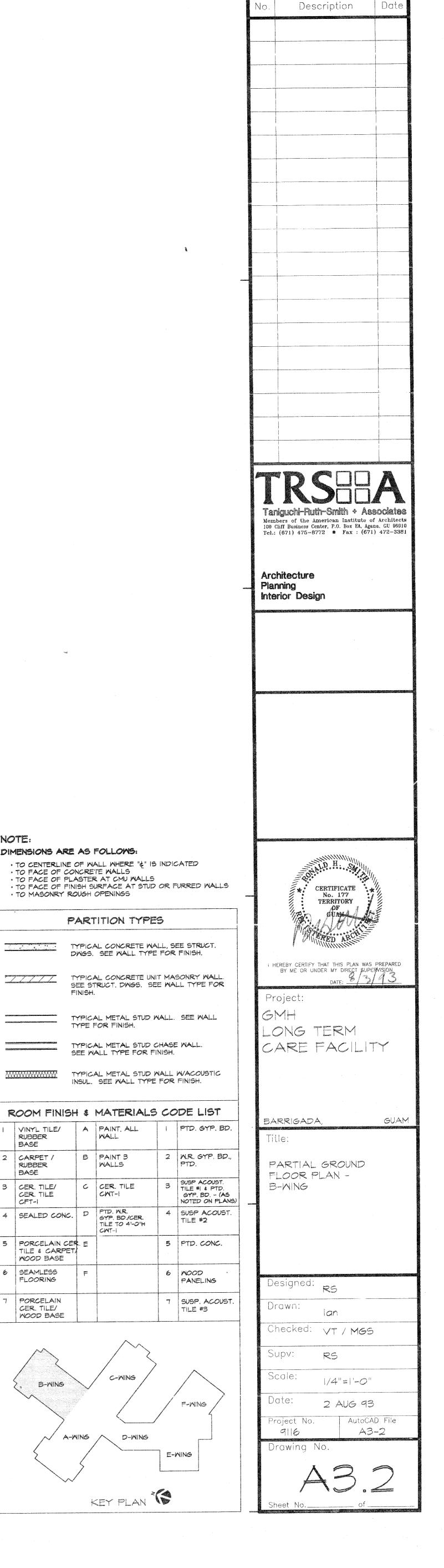
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Scale: |/|6"=|'-0" Date: 2 AUG 93 Project No. | AutoCAD File | A|-|





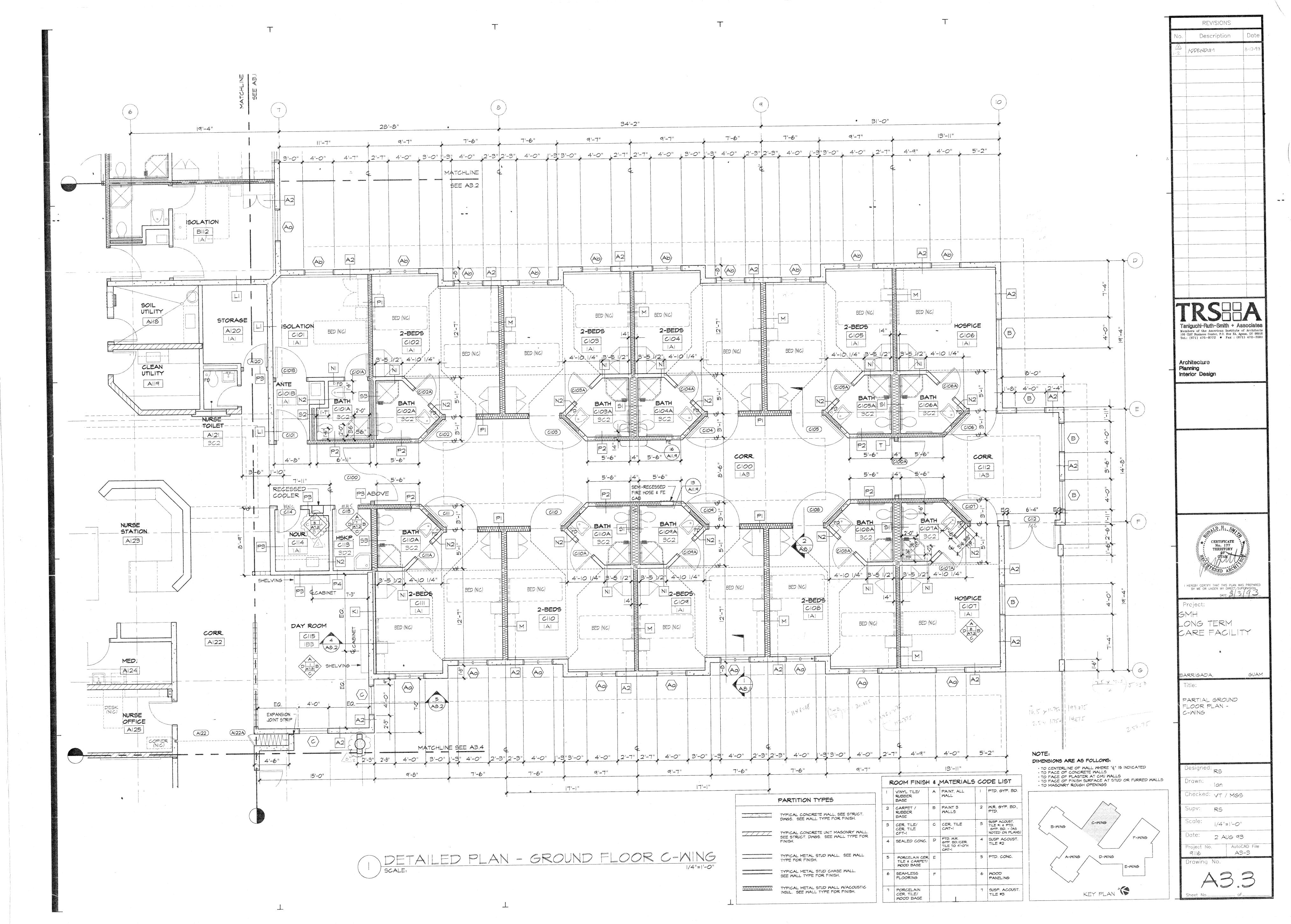


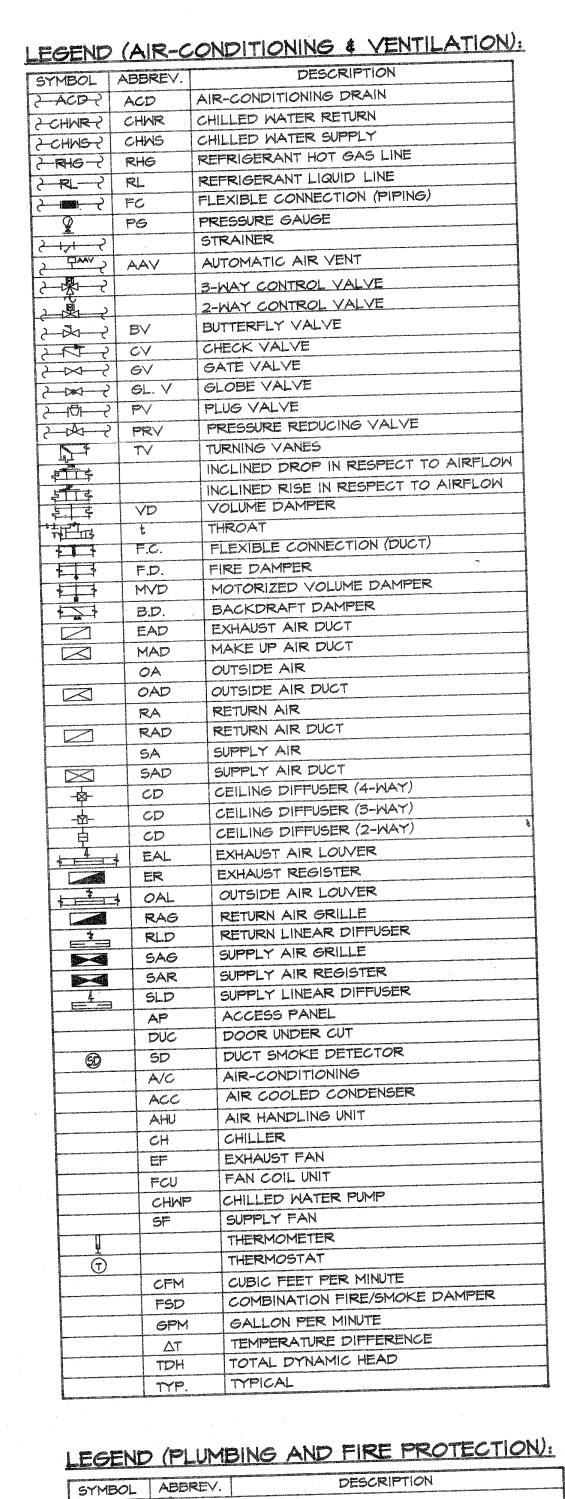


B PAINT 3

C CER. TILE

REVISIONS





-		and the same of th	PIPING
			CONTRACT AND AND ADMINISTRATION OF THE PROPERTY OF THE PROPERT
	2	co 4	LEANOUT
	247-2	CV	CHECK VALVE
	7	CM	COLD WATER LINE
		<i>6</i> V	GATE VALVE
	2	HW	HOT WATER LINE
	262	LP6	LIQUIFIED PETROLEUM GAS LINE
		S OR W	SOIL OR WASTE LINE
	Z-SPKR-?	SPKR	SPRINKLER LINE
	2-171-5		STRAINER
		V	VENT LINE
		D	INDIRECT DRAIN
	50-3	SD	STORM DRAIN
		HWR	HOT WATER RETURN
	Commence of the Commence of th		GLOBE VALVE
	7-00	GL. V.	GLODE VALVE
	2-0-		CONCEALED PENDENT TYPE SPKR. HEAD
	7		NON-CONCEALED PENDENT TYPE SPKR. HEA

	2	HWR	HOT WATER RETURN
	2-20-2	GL. V.	GLOBE VALVE
	202		CONCEALED PENDENT TYPE SPKR. HEAD
	- W	N	ION-CONCEALED PENDENT TYPE SPKR. HEAD
	K—S		SIDEWALL SPRINKLER HEAD
	2-12-2	BV	BUTTERFLY VALVE
	2	FC	FLEXIBLE CONNECTION
	3-115		FLANGE
	2-11-2	Action in the second	UNION
	, 4	F-6	FLOW SWITCH
			VALVE WITH TAMPER SWITCH
	Q .	P6	PRESSURE GAUGE
	<u>2</u>	CANADA CANADA TANÀS DIN PARA CANADA NA PARA CANADA	AQUASTAT
			THERMOMETER
	Z-FM-2		FORCE MAIN
	2-105-2	FOS	FUEL OIL SUPPLY PIPE
	2-FOR-2	FOR	FUEL OIL RETURN PIPE
	2-FOV-2	FOV	FUEL OIL VENT PIPE
	是是一	GPR	GAS PRESSURE REGULATOR
	G ?	The second secon	RISER DN. (ELBOW)
	02		RISER UP (ELBOW)
	بح	CONTRACTOR	RISE OR DROP
	2-10-2	The second se	WATER METER
	<u> </u>		BRANCH BOTTOM CONNECTION
	2-0-7		BRANCH TOP CONNECTION
		, a,	PLUGGED PIPE
	0-12	HGV	HOSE GATE VALVE
	D ,	WHA	WATER HAMMER ARRESTER
	1	PTRV	PRESSURE-TEMPERATURE RELIEF VALVE
4	Z-W-Z	PRV	PRESSURE RELIEF VALVE
	D	FD	FLOOR DRAIN
	لكحا إ	1	Company of the Compan

FLOOR SINK

HOSE BIBB

DOWN SPOUT

FUNNEL DRAIN

ROOF DRAIN

SOIL STACK

VENT STACK VENT THRU ROOF

WALL CLEANOUT YARD CLEANOUT

SHOWER

SHO D. SHOWER DRAIN

FLOOR CLEANOUT

OVERFLOW DRAIN

DOWN

F5

HB

DN.

ps

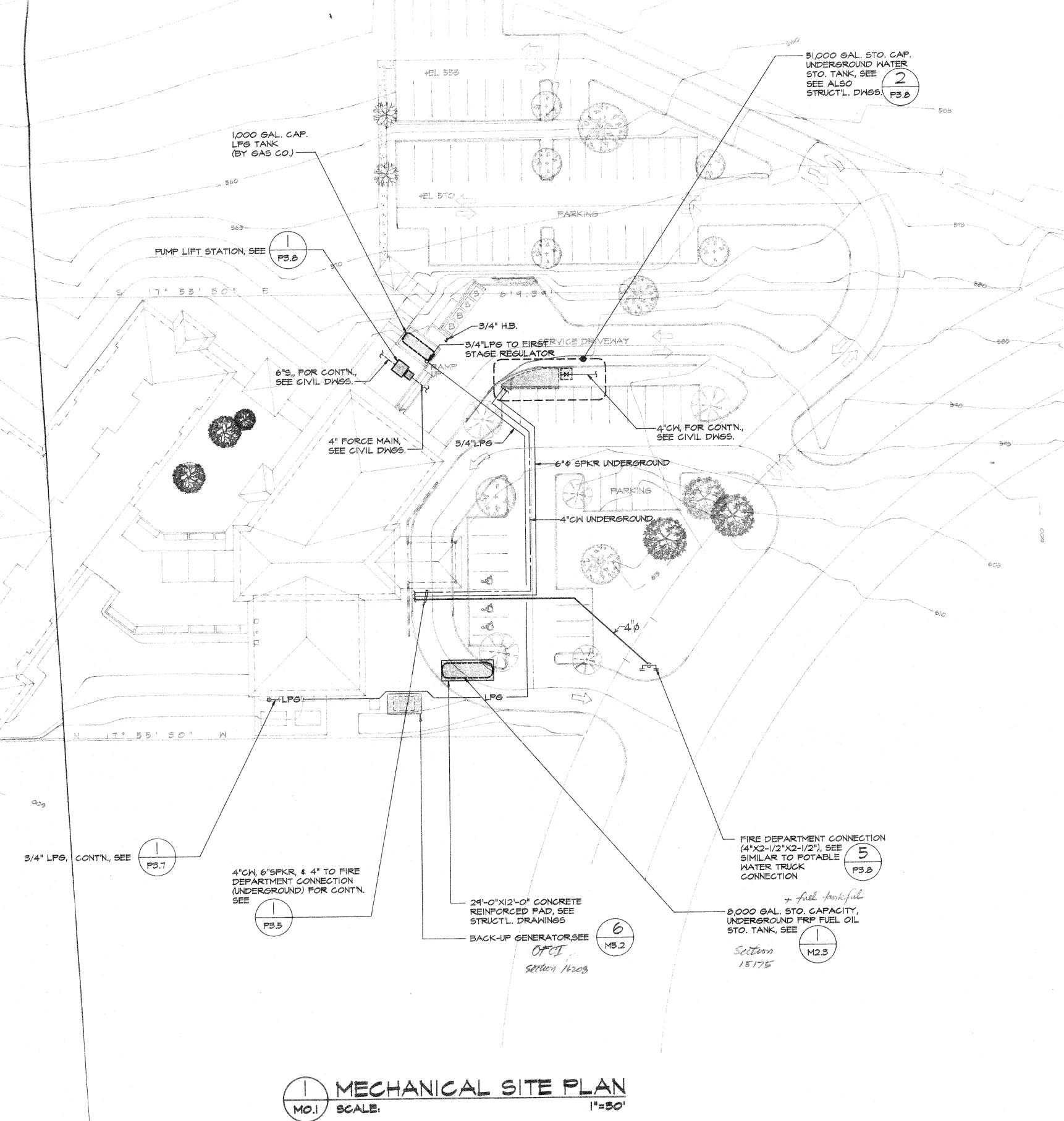
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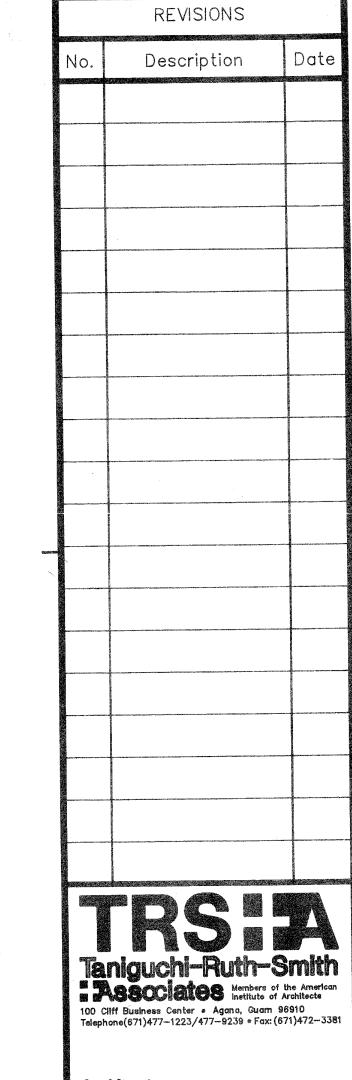
RD

VTR

FUN D.

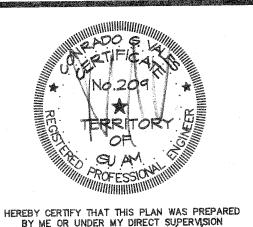
A	Comp Comp	PORTABLE FIRE EXTINGUISHER									
	BP	BOOSTER PUMP									
	ENC	ELECTRIC WATER COOLER									
	FP	FIRE PUMP									
	HWST	HOT WATER STORAGE TANK									
	HWCP	HOT WATER CIRCULATING PUMP									
	JP .	JOCKEY PUMP									
	559	SUBMERSIBLE SEWAGE PUMP									
	W5	WATER SOFTENER									
	HWRCP	HOT WATER RETURN CIRCULATING PUMP									
	ВТ	BATH TUB									
Charles of Maria Charles	HS	HAND SINK									
	KS	KITCHEN SINK (DOUBLE COMPARTMENT)									
	LAV	LAVATORY									
	UR	URINAL									
0	WC	WATER CLOSET (FLUSH TANK, FLOOR MOUNTED)									
18	T WC	WATER CLOSET (FLUSH VALVE, FLOOR MOUNTED)									
1	l wc	WATER CLOSET (FLUSH VALVE, WALL MOUNTED)									
124	5HO. H.	SHOWER HEAD									





Architecture Planning Interior Design

MECHANICAL INC. IT&E PLAZA, SUITE B-105 P.O. BOX 23156 GMF, GUAM 9692! 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,

MECHANICAL SITE PLAN & LEGEND

Designed: RJP

Drawn: ARNOLD

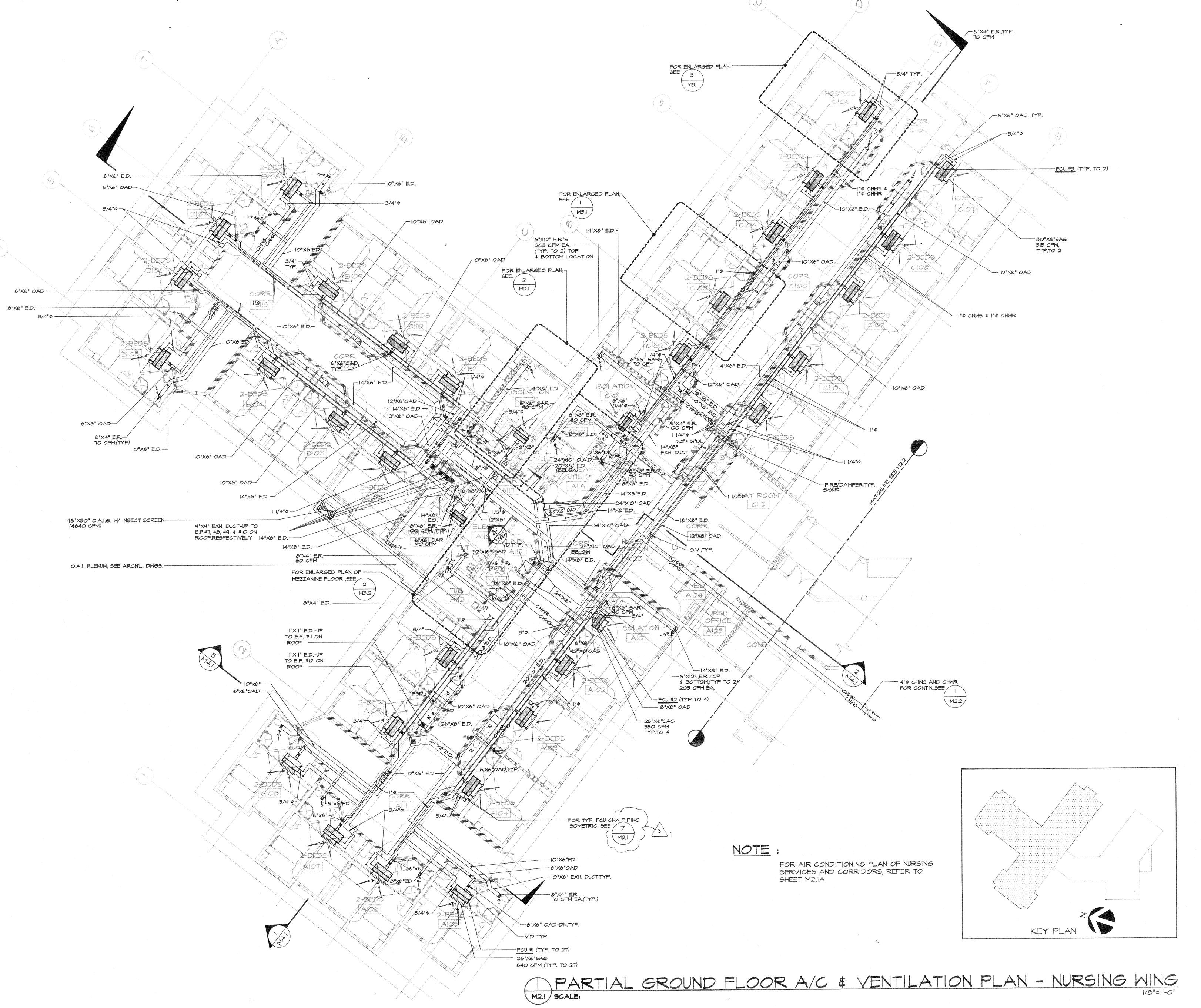
Checked: CSV

Supv. COV Scale: AS SHOWN

Date: 02 AUGUST 1993 AutoCAD File Project No.

Drawing No.

MO.



Description Members of the American Institute of Architects

100 Cliff Business Center • Agana, Guarn 96910

Telephone(671)477-1223/477-9239 • Fax: (671)472-3381 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 SUPERMISION

DATE: 8/2/93 Project: LONG TERM CARE FACILITY BARRIGADA, Title: PARTIAL GROUND FLOOR A/C & VENTILATION PLAN-NURSING WING Designed:

Drawn:

Project No.

Drawing No.

Checked: CGV

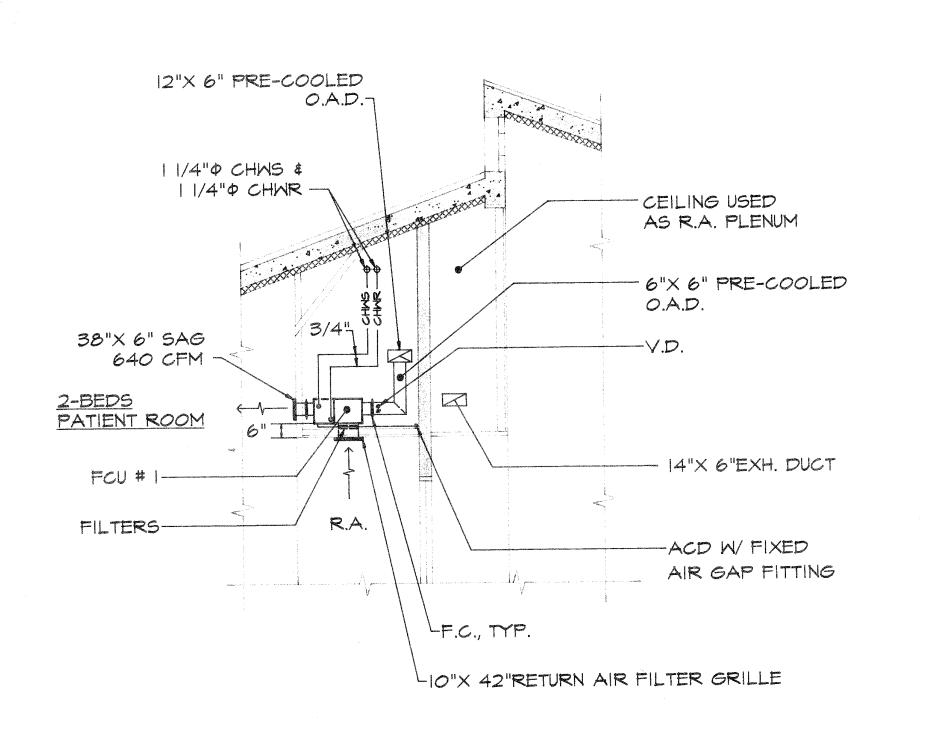
AS SHOWN

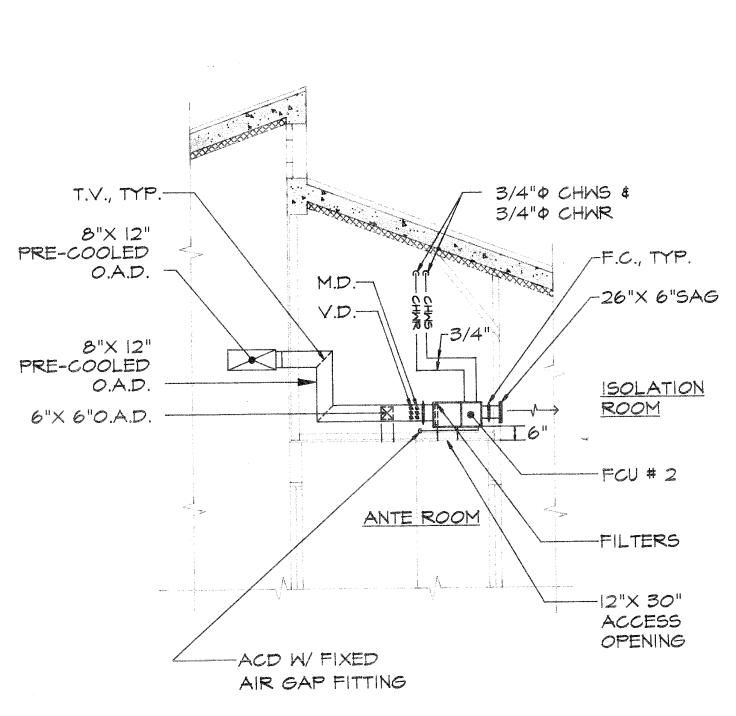
Sheet No. _____ of ___

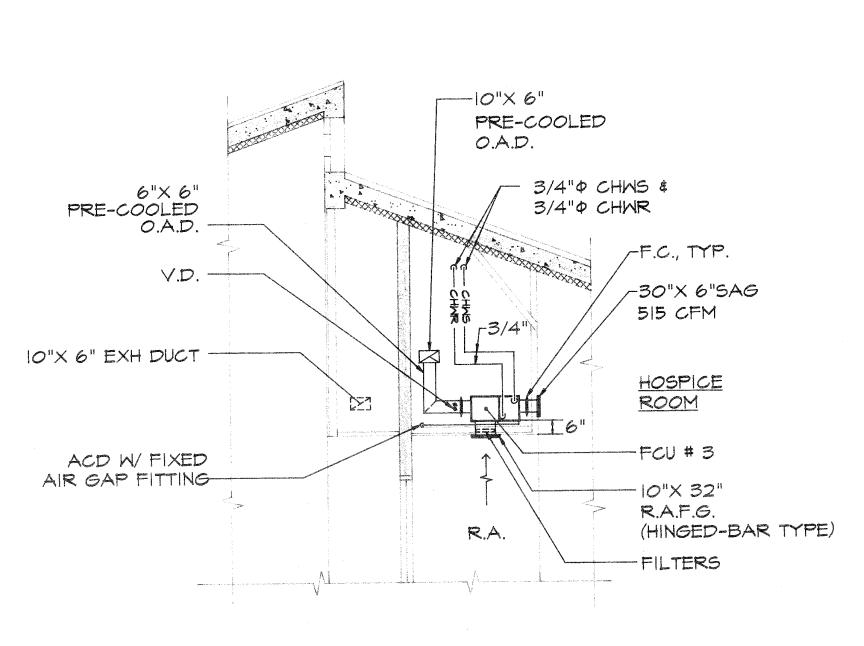
02 AUGUST 1993

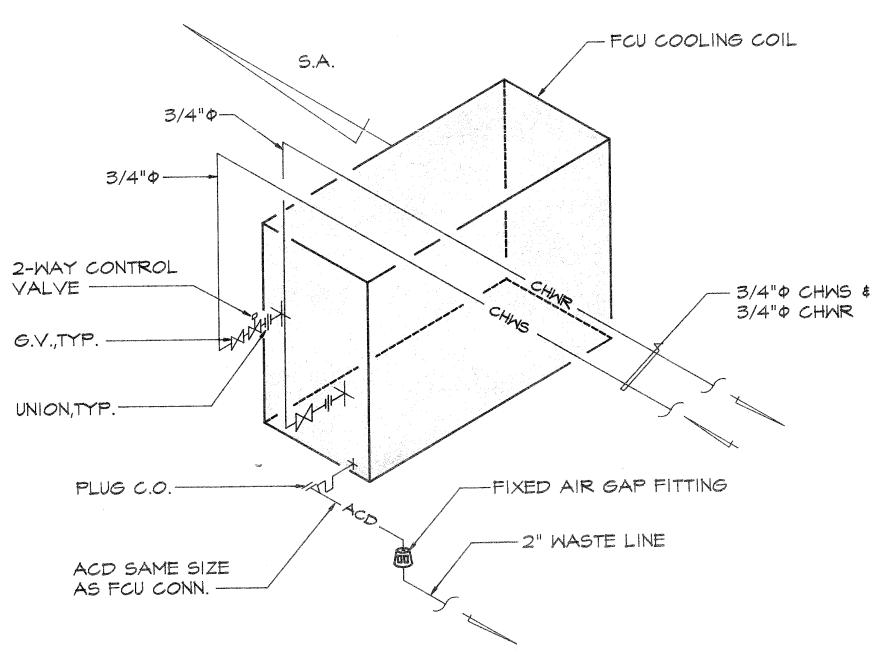
AutoCAD File

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



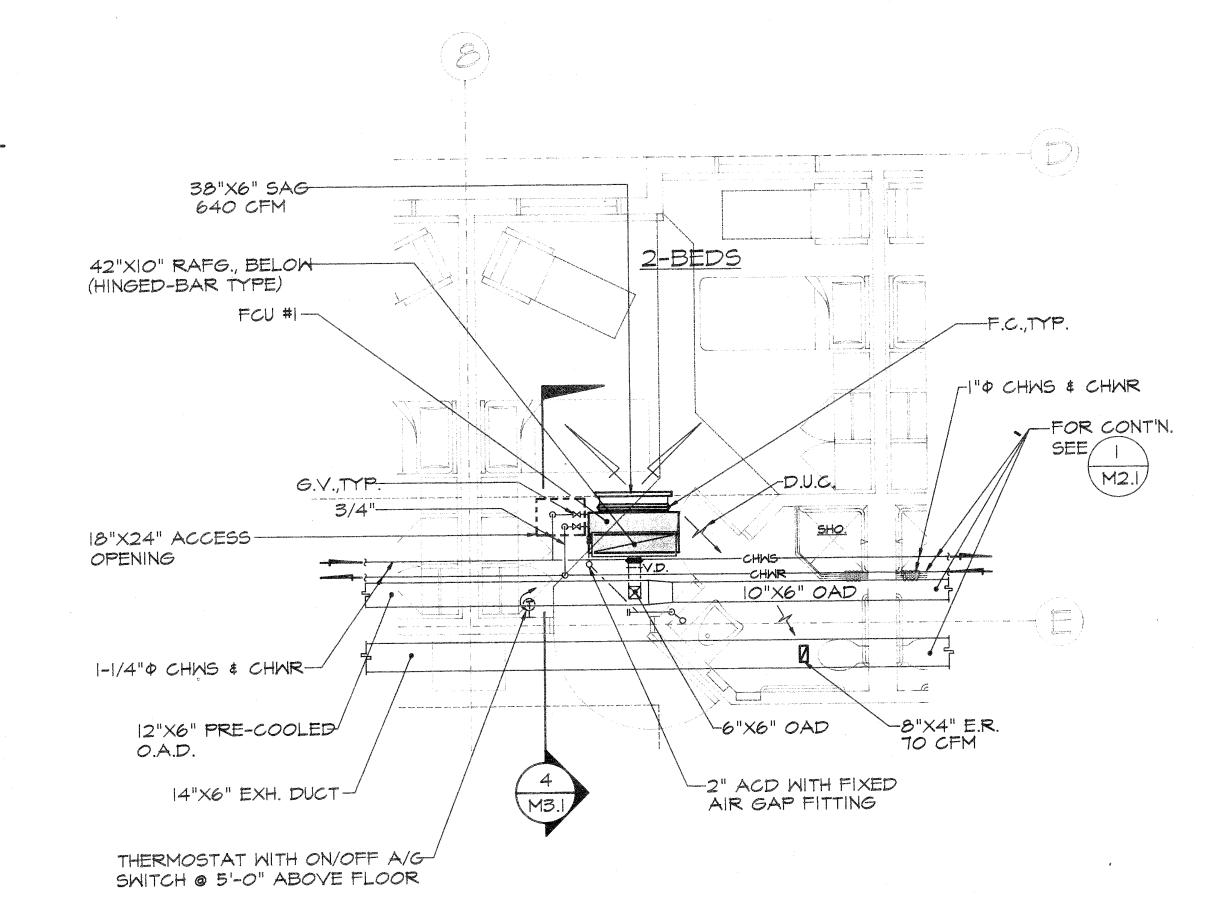




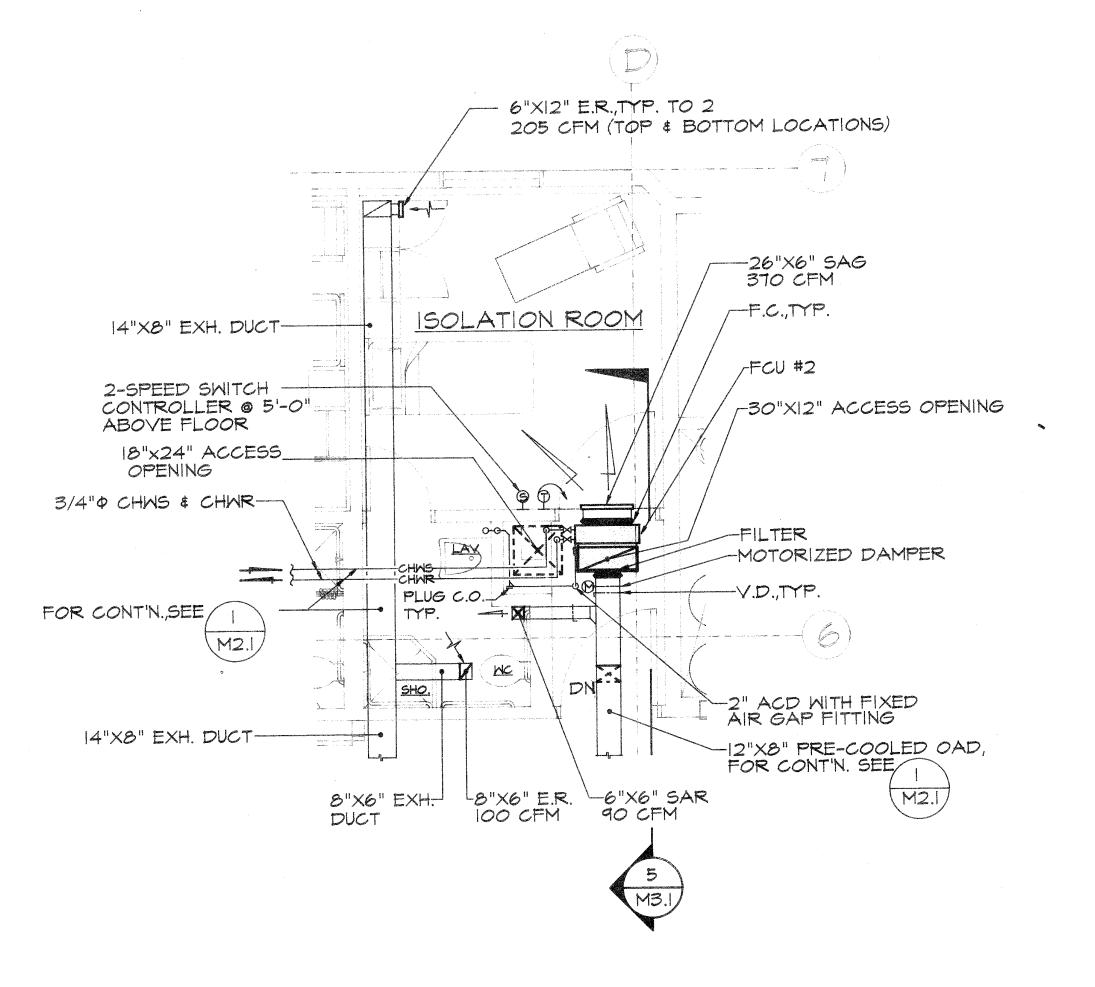


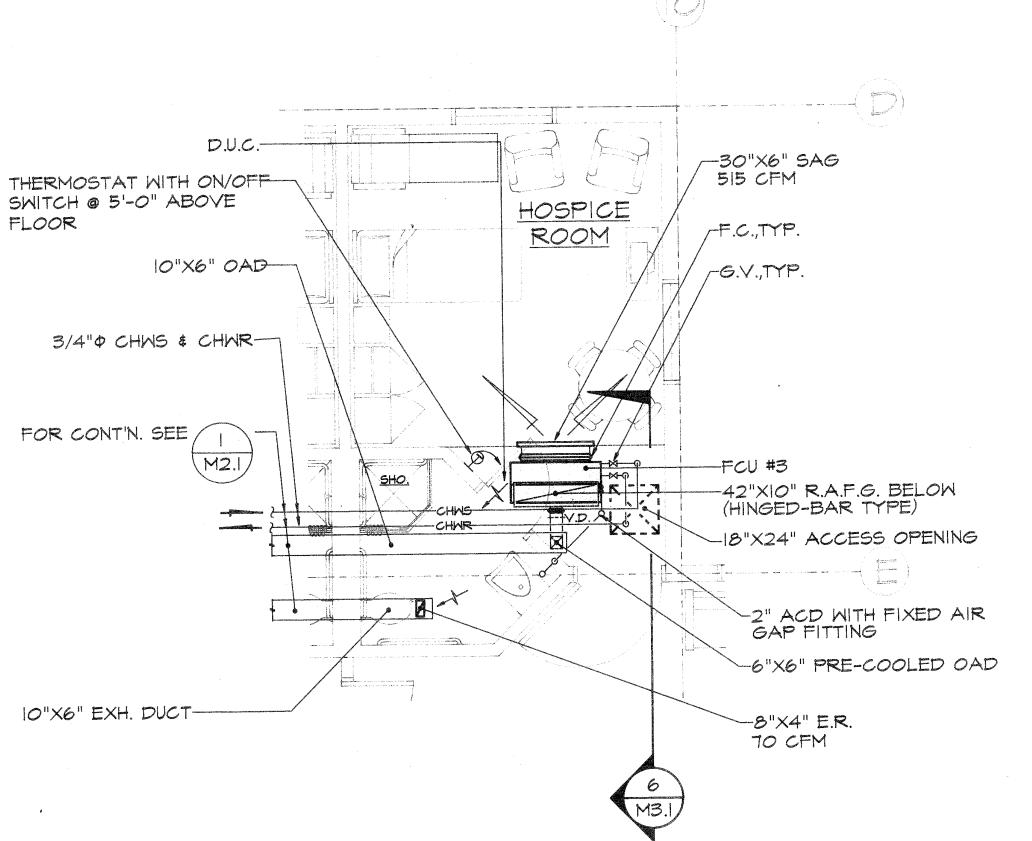
SECTION

TYPICAL FOU CHW PIPING ISOMETRIC SCALE MS. NOT TO



6.70





2-BEDS PATIENT ROOM A/C & VENTILATION PLAN 1/4"=|'-0" MB. SCALE:

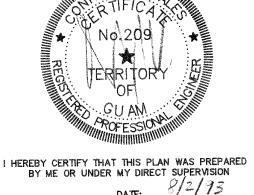
2 ISOLATION ROOM A/C & VENTILATION PLAN MB.I SCALE:

3 HOSPICE ROOM A/C & VENTILATION PLAN 1/4"=1'-0" MB. SCALE:

REVISIONS Description 100 Cliff Business Center • Agana, Guam 96910 Telephone(671)477-1223/477-9239 • Fax: (671)472-338

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MECHANICAL INC. IT&E PLAZA, SUITE B-105. P.O. BOX 23156 GMF, GUAM 96921 TEL: (671)646-1558/5363 FAX: (671)646-8606

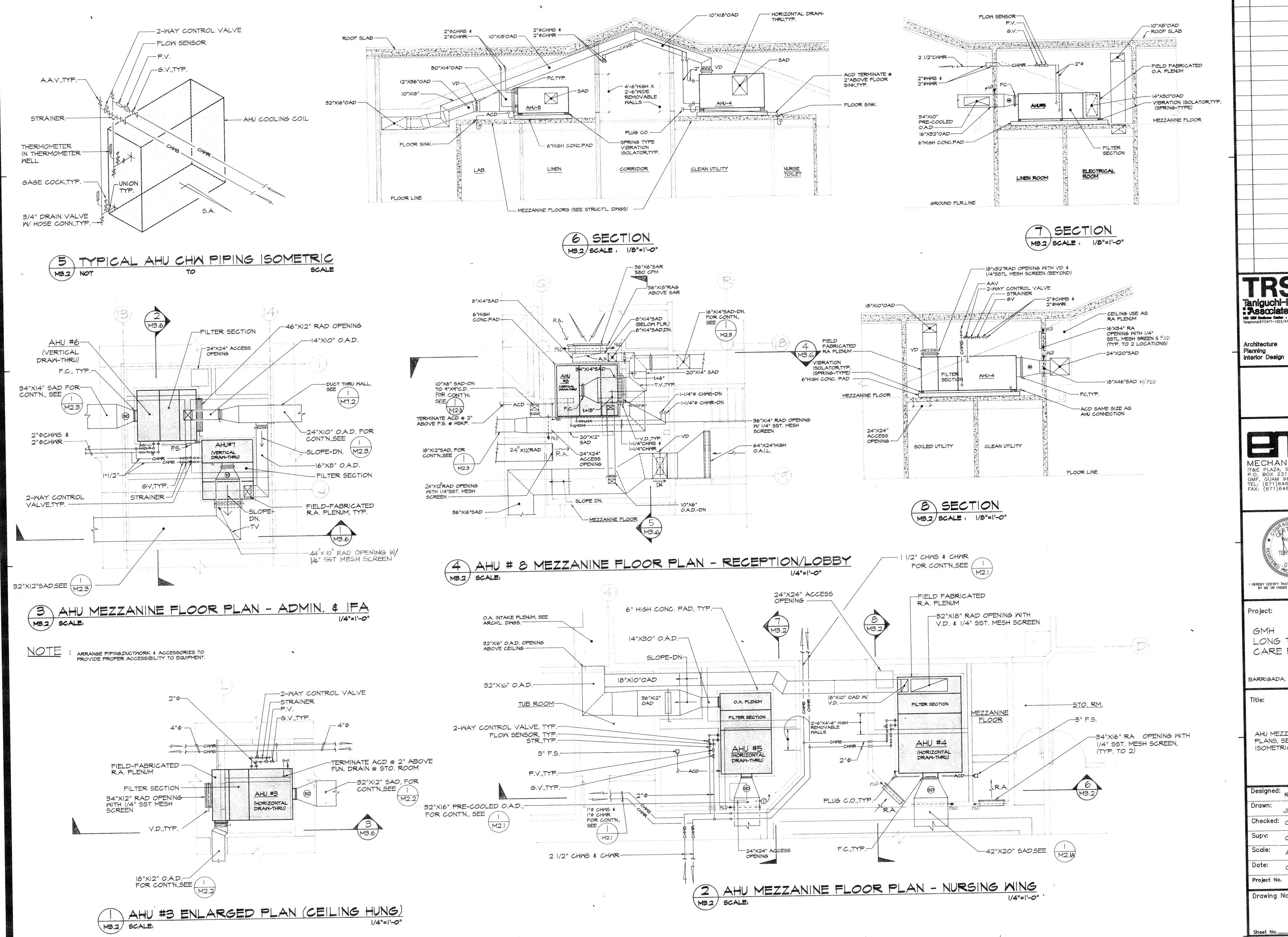


DATE: 8/2/93 Project: GMH LONG TERM

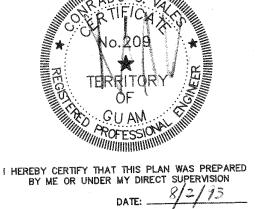
CARE FACILITY

2-BEDS PATIENT ROOM, ISOLATION ROOM \$ HOSPICE ROOM A/C \$ VENTILATION PLANS, PIPING ISOMETRIC

Designed: Drawn: Checked: Supv: CGV Scale: AS SHOWN 02 AUGUST 1993 AutoCAD File Project No. Drawing No.



REVISIONS Description Architecture Planning Interior Design IT&E PLAZA, SUITE B-105 P.O. BOX 23156 GMF, GUAM 96921 TEL: (671)646-1558/5363 FAX: (671)646-8606



Project:

GMH LONG TERM CARE FACILITY

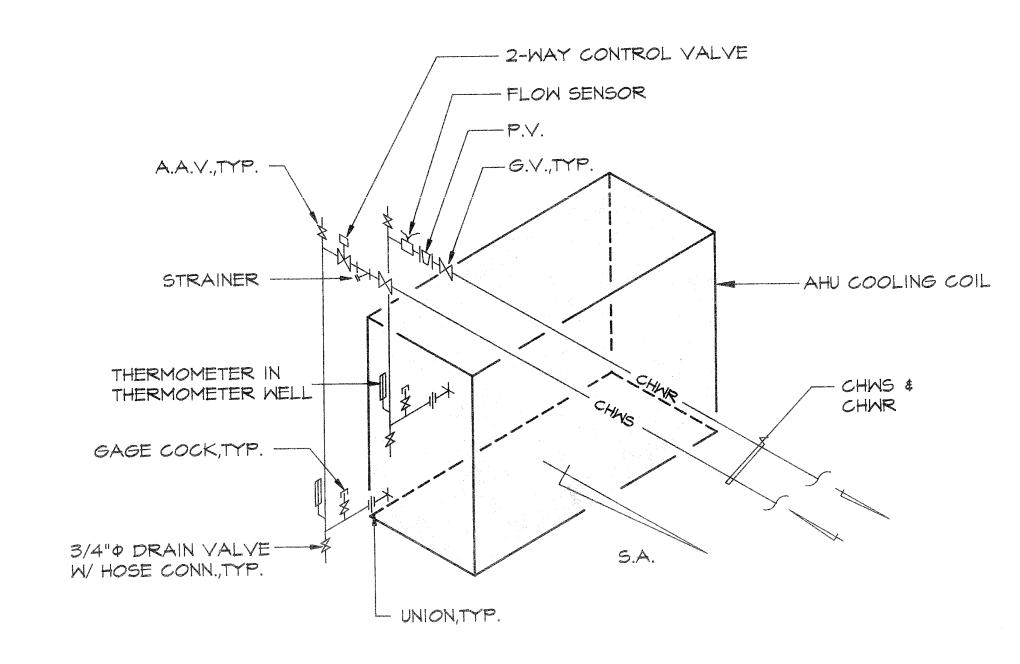
Title:

AHU MEZZANINE FLOOR PLANS, SECTIONS \$ ISOMETRIC PIPING & NOTE

Designed: Drawn: JS/ARNOLD Checked: CGY Supv: CGY Scale: AS SHOWN 02 AUGUST 1993 AutoCAD File Project No.

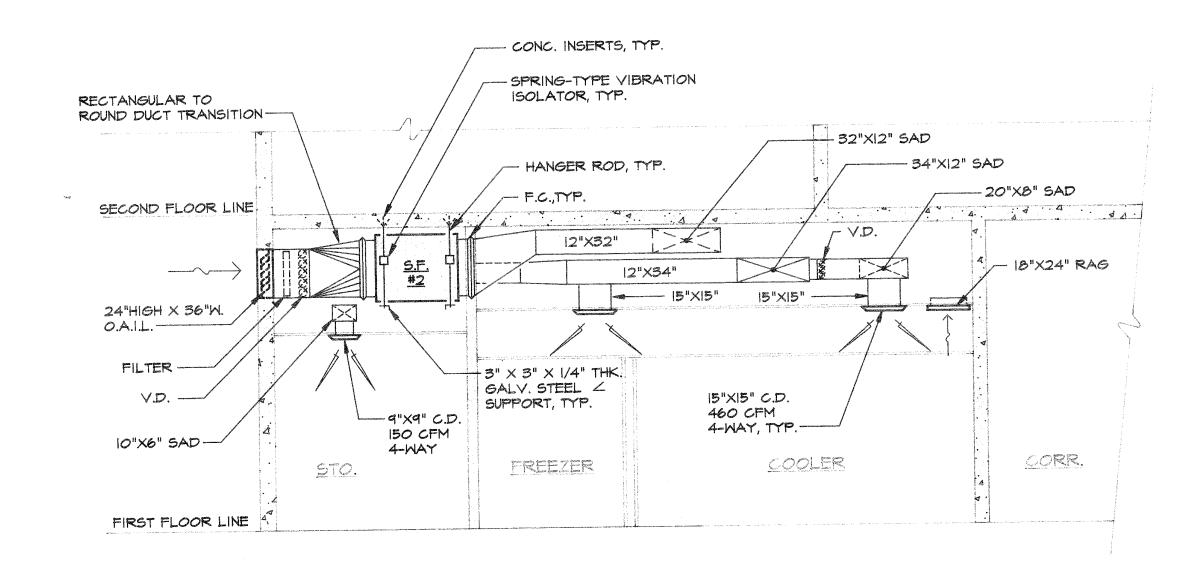
Drawing No.

M3.2

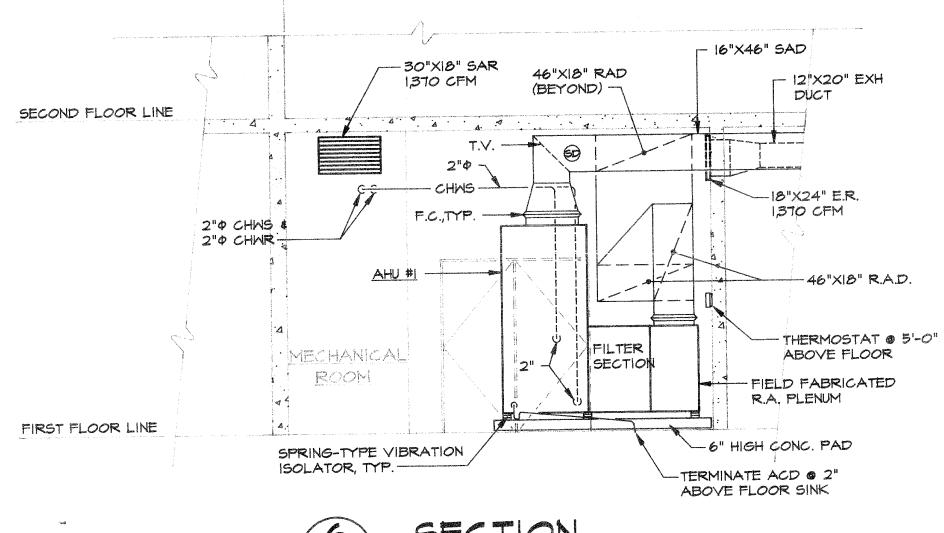


TYPICAL AHU CHW PIPING ISOMETRIC

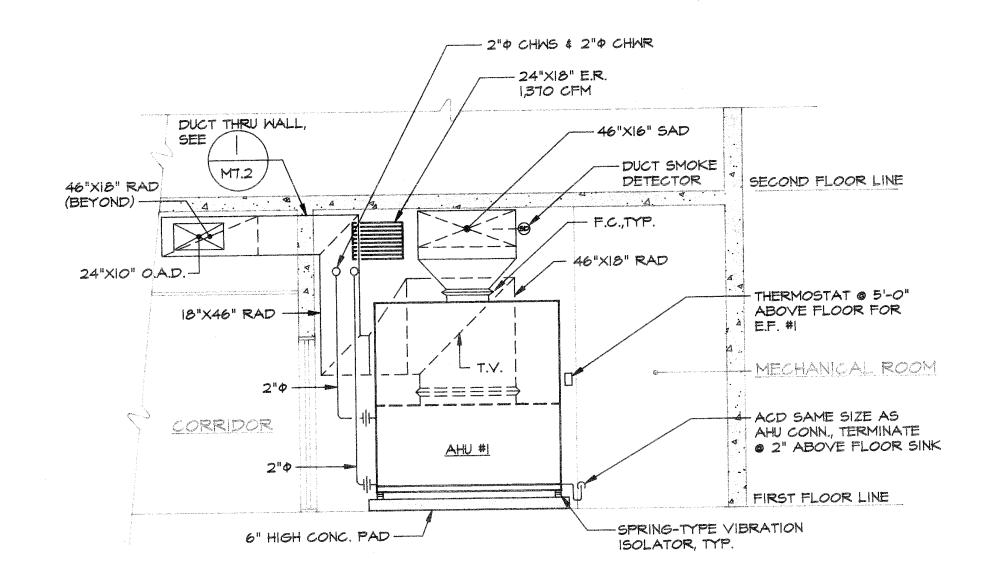
M3.3 NOT TO SCALE



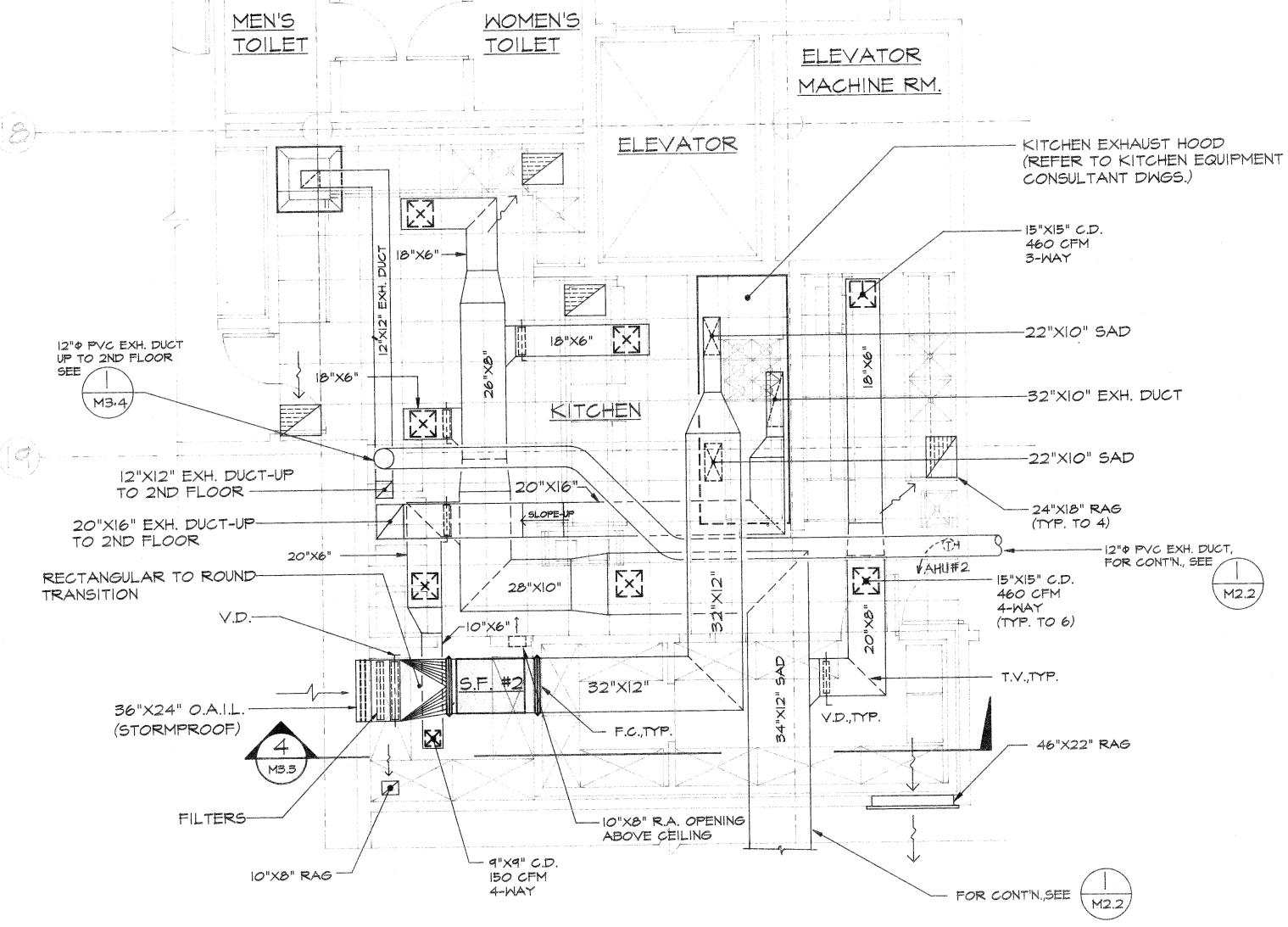
4 SECTION M3.3 SCALE: 1/4"=1'-0"



6 SECTION
M3.3 SCALE: 1/4"=1'-0

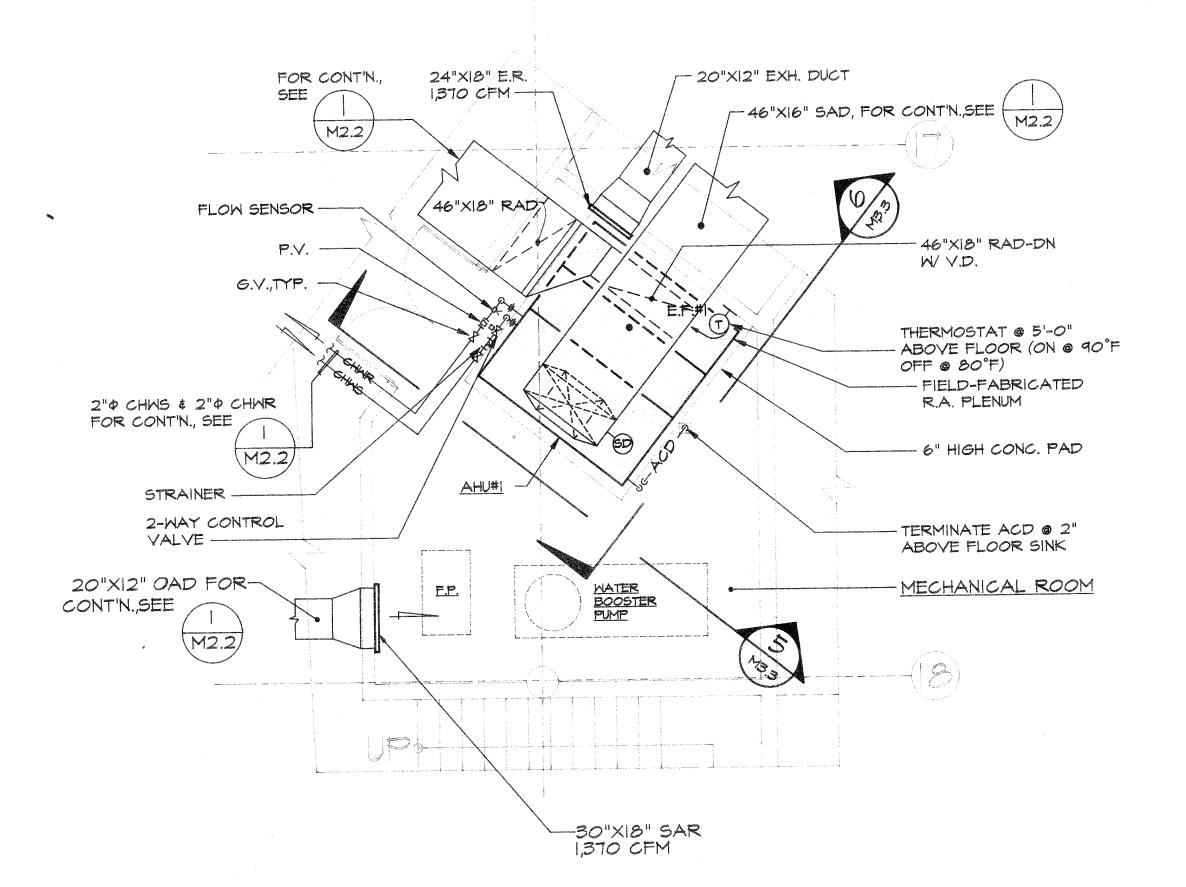


5 SECTION M3.3 SCALE: 1/4"=1'-C



M3.3 SCALE: VENTILATION PLAN

1/4"=1'-0"



MECHANICAL ROOM PLAN (GROUND FLOOR)
MS.3 SCALE:

No. Description Date

REVISIONS

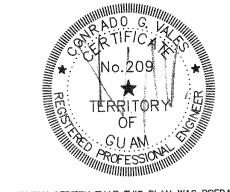
Taniguchi-Ruth-Smith

Tassciates Members of the American Institute of Architects

100 Cliff Business Center • Agana, Guam 96910
Telephone(671)477-1223/477-9239 • Fax: (671)472-3381

Architecture Planning Interior Design

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HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION

DATE: 8/2/13

Project:
GMH
LONG TERM
CARE FACILITY

BARRIGADA GU

KITCHEN A/C &
VENTILATION PLAN,
MECHANICAL ROOM PLAN,
SECTIONS & PIPING
ISOMETRICS

Designed:

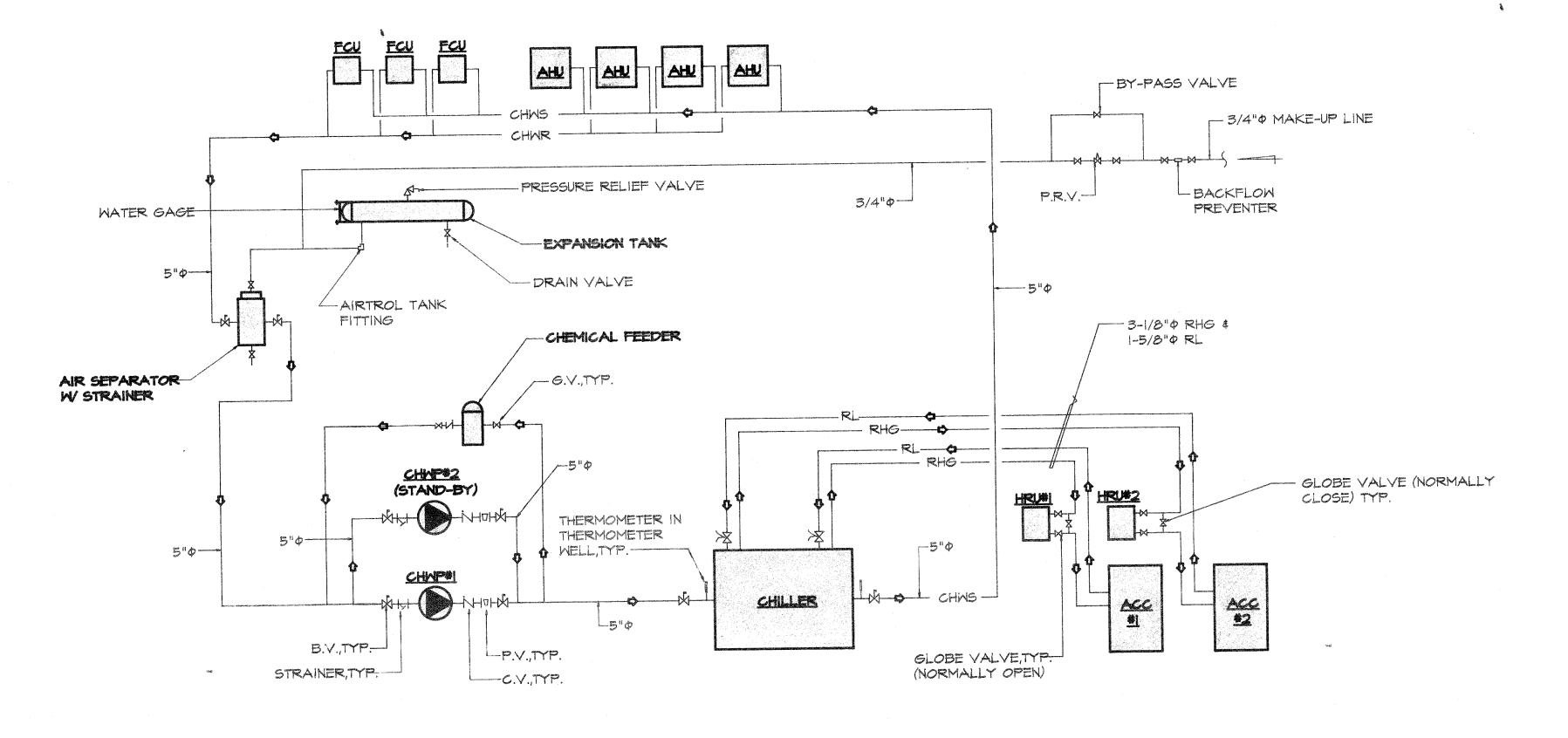
Drawn: JS/ARNOLD
Checked: CGV

Supv: RJP
Scale: AS SHOWN

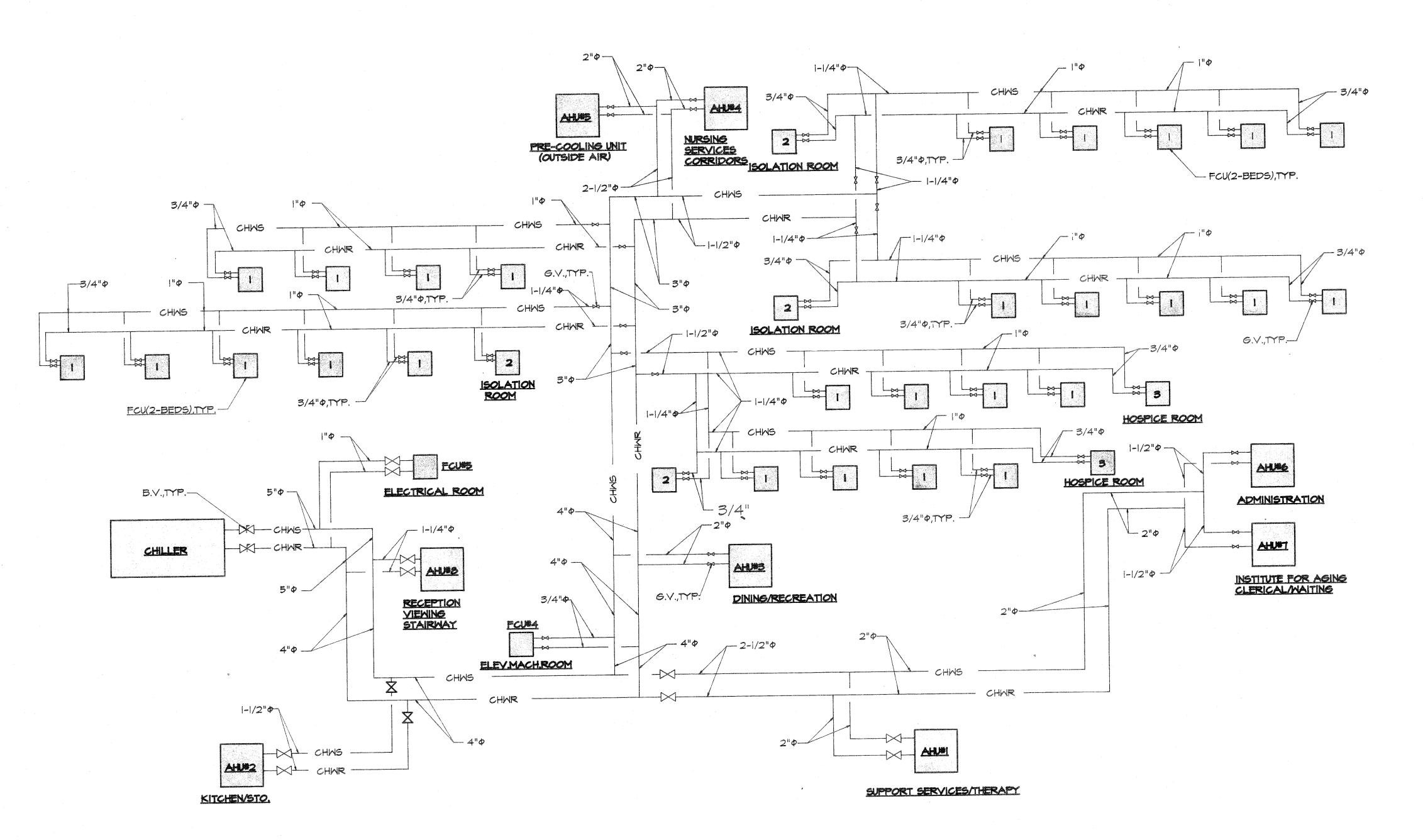
Date: O2 AUGUST 1993
Project No. AutoCAD File

Drawing No.

M3.3



CHILLED WATER, REFRIGERANT, & MAKE-UP WATER SCHEMATIC DIAGRAM SCALE TO SCALE



CHILLED WATER SUPPLY & RETURN SCHEMATIC DIAGRAM

TO

SCALE

REVISIONS Description Taniguchi-Ruth-Smith

2880ciates Members of the American Inetitute of Architects
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 HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION

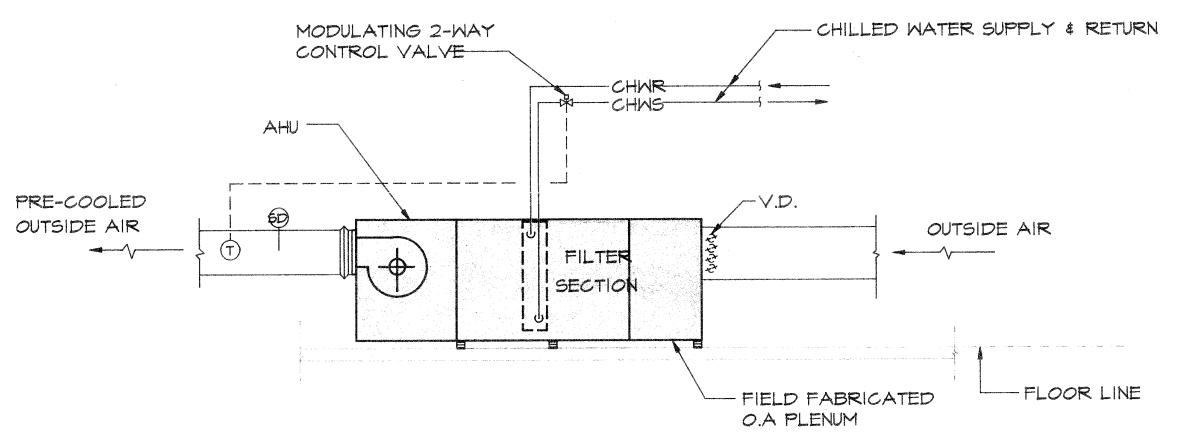
DATE: 8/2/13 Project: LONG TERM CARE FACILITY BARRIGADA, Title: CHW, REFRIGERANT, \$
MAKE-UP WATER PIPING DIAGRAMS Designed: RJP Drawn: ARNOLD Checked: CGV Supv: RJP Scale: NONE Date: AutoCAD File Project No.

Drawing No.

M5.1

SEQUENCE OF OPERATION :

- 1. OPERATION OF AIR HANDLING UNIT SHALL BE THROUGH PUSH BUTTON START/STOP SWITCH INTEGRAL TO STARTER.
- 2. TEMPERATURE CONTROL WILL BE THROUGH DUCT THERMOSTAT (1) OPERATING 2-WAY CONTROL VALVE TO MAINTAIN PRE-COOLED OUTSIDE AIR A115°F ± 2°F
- 3. SMOKE DETECTOR 6D SHALL TURN-OFF AHU WHEN PRODUCTS OF COMBUSTION ARE DETECTED IN AIR STREAM.

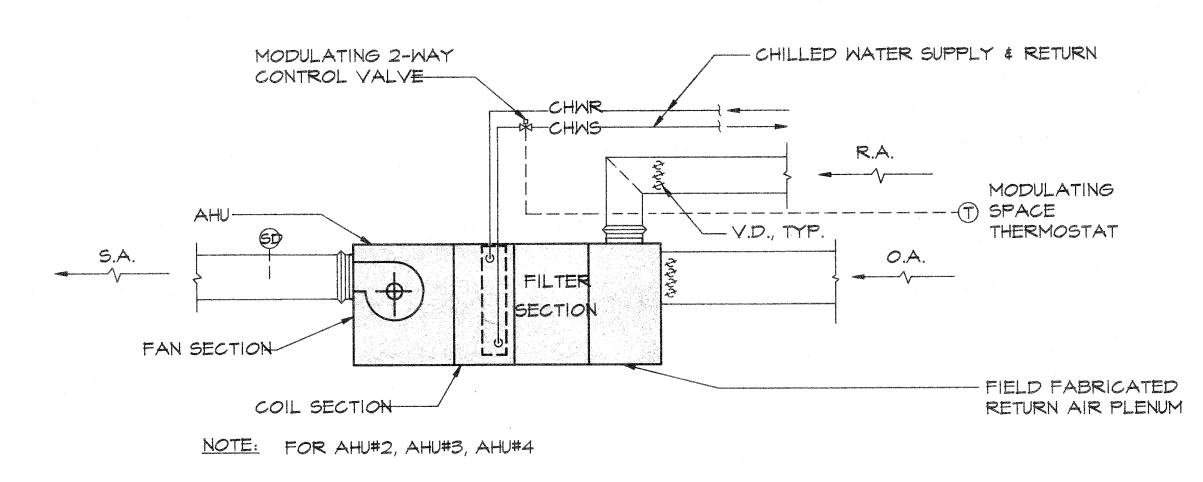


NOTE: FOR AHU#5 (PRE-COOLING UNIT)

3 AHU TEMPERATURE CONTROL SCHEMATIC DIAGRAM
M5.2 NOT TO SCALE

SEQUENCE OF OPERATION:

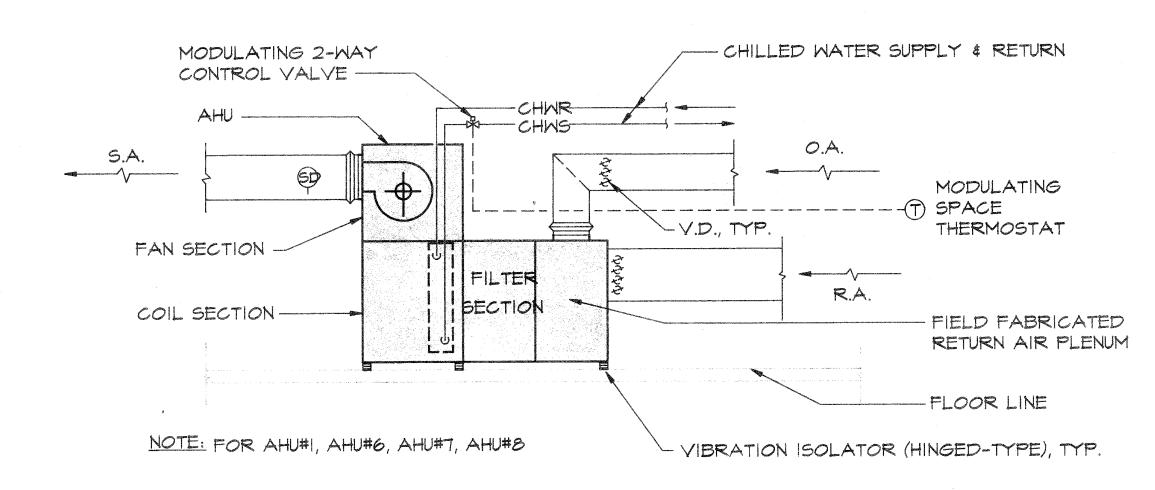
- 1. OPERATION OF AIR HANDLING UNIT SHALL BE THROUGH PUSH BUTTON START/STOP SWITCH INTEGRAL TO STARTER.
- 2. TEMPERATURE CONTROL WILL BE THROUGH THERMOSTAT (T), OPERATING 2-WAY CONTROL VALVE TO MAINTAIN SPACE TEMPERATURE AT 75F± 2° F.
- 3. SMOKE DETECTOR SD SHALL TURN-OFF AHU WHEN PRODUCTS OF COMBUSTION ARE DETECTED IN AIR STREAM.



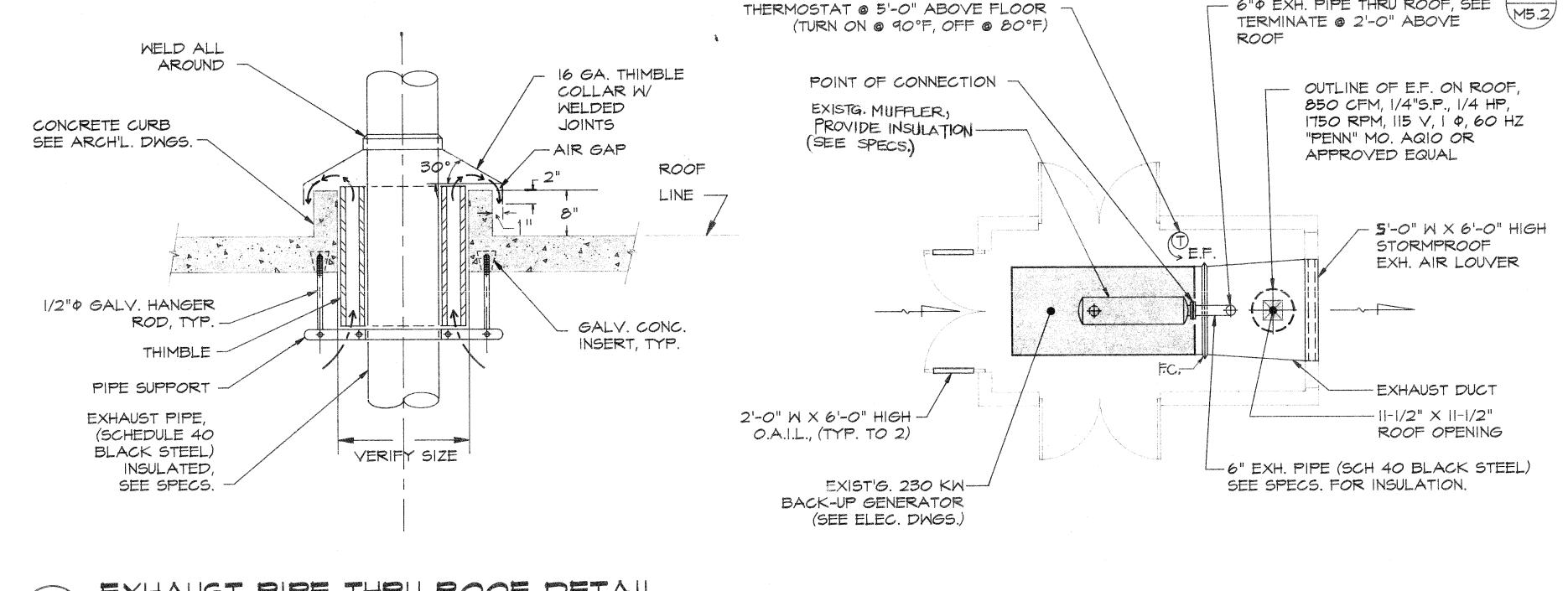
2 AIR HANDLING UNIT TEMPERATURE CONTROL SCHEMATIC DIAGRAM M5.2 NOT TO SCALE

SEQUENCE OF OPERATION :

- I. OPERATION OF AIR HANDLING UNIT SHALL BE THROUGH PUSH BUTTON START/STOP SWITCH INTEGRAL TO STARTER.
- 2.. TEMPERATUR CONTROL WILL BE THROUGH THERMOSTAT ①, OPERATING 2-WAY CONTROL VALVEMAINTAIN SPACE TEMPERATURE AT 75F± 2° F.
- 3. SMOKE DETECTOR (SD) SHALL TURN-OFF AHU WHEN PRODUCTS OF COMBUSTION ARE DETECTED IN AIR STREAM.



TYPICAL AHU TEMPERATURE CONTROL SCHEMATIC DIAGRAM
TO SCALE



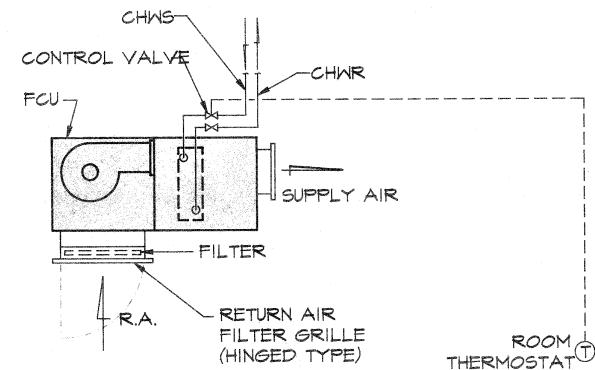
EXHAUST PIPE THRU ROOF DETAIL

M5.2 NOT TO SCALE

6 PLAN M5.2 SCALE: 1/4" = 1'- 0"

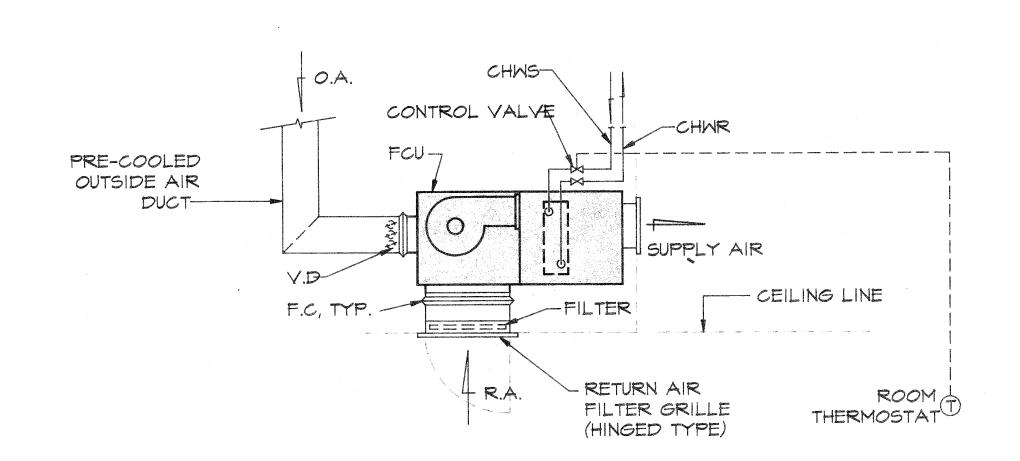
SEQUENCE OF OPERATION:

I. FAN COIL UNIT (FCU) SHALL BE STARTED/STOPPED MANUALLY THRU ITS FAN SWITCH INTEGRAL TO ROOM THERMOSTAT ① WHICH MAINTAINS ROOM TEMPERATURE AT 75°F ± 2°F THRU CHILLED WATER CONTROL VALVE.



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

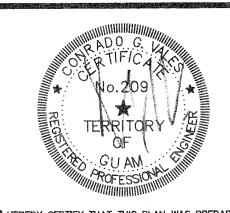
4 TEMPERATURE CONTROL SCHEMATIC DIAGRAM
M5.2 NOT TO SCALE

No. Description Date

Taniguchi-Ruth-Smith
Associates Members of the American Institute of Architects
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



PHEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERMISION

DATE: 8/2/13

Project:

GMH

LONG TERM

CARE FACILITY

BARRIGADA, GL

SCHEMATIC CONTROL DIAGRAMS, BACK-UP GENERATOR PLAN & DETAIL

Designed: _{RJP}

Drawn: _{ARNOLD}

Checked: _{CGV}

Supv: _{RJP}

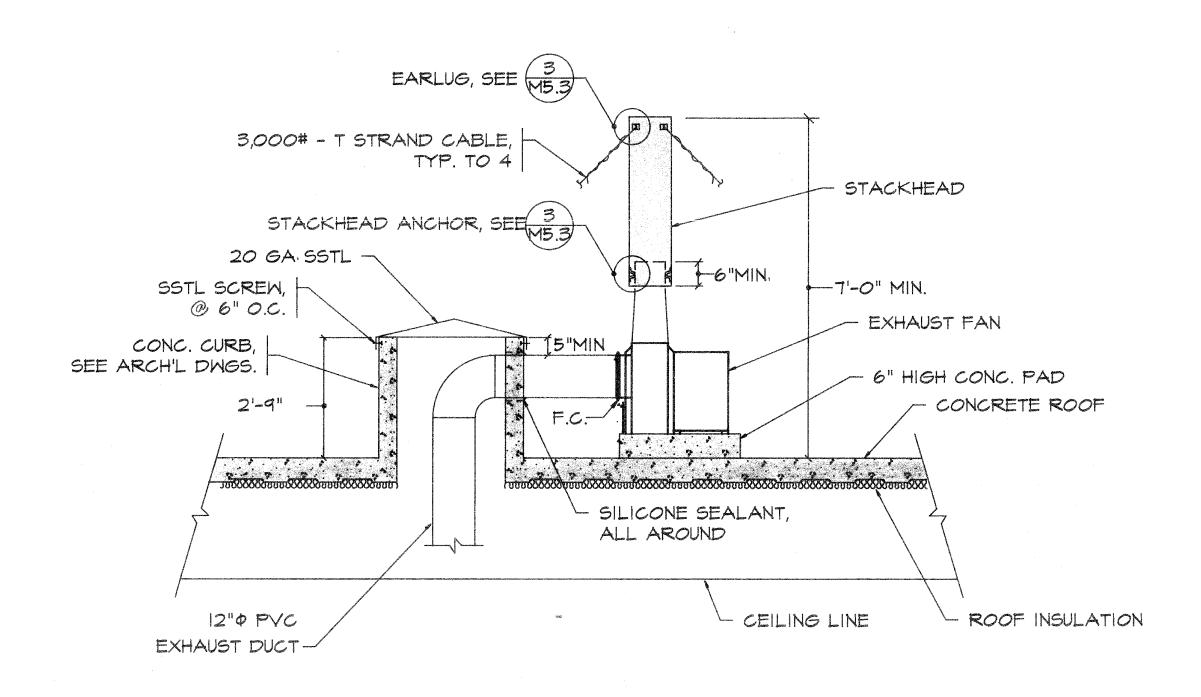
Scale: _{NONE}

Date: 2 AUGUST 93

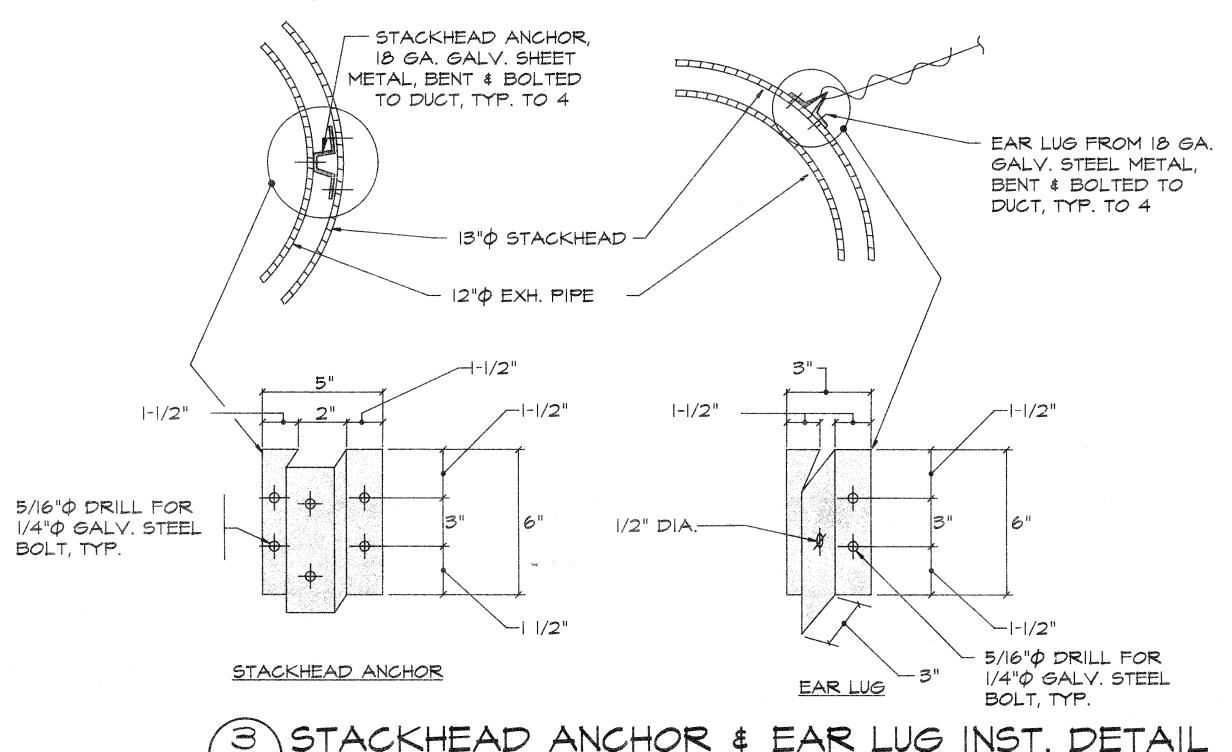
Project No. AutoCAD File

Drawing No.

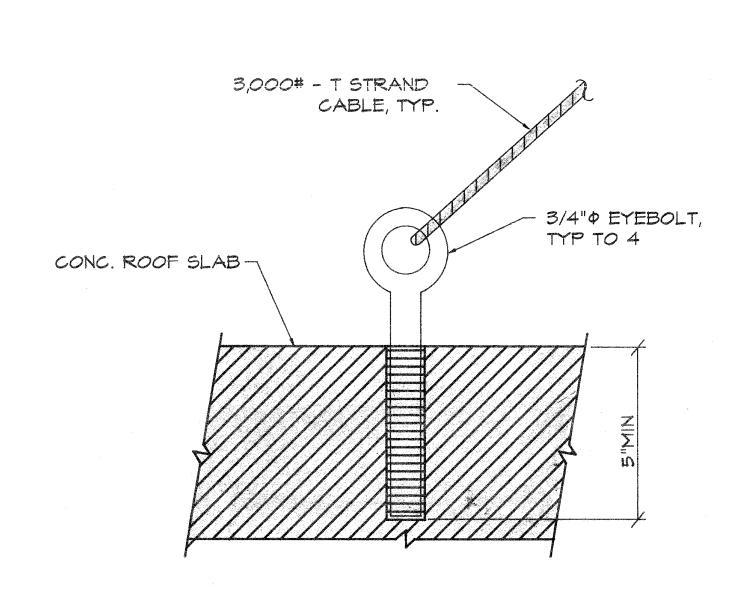
M5.2

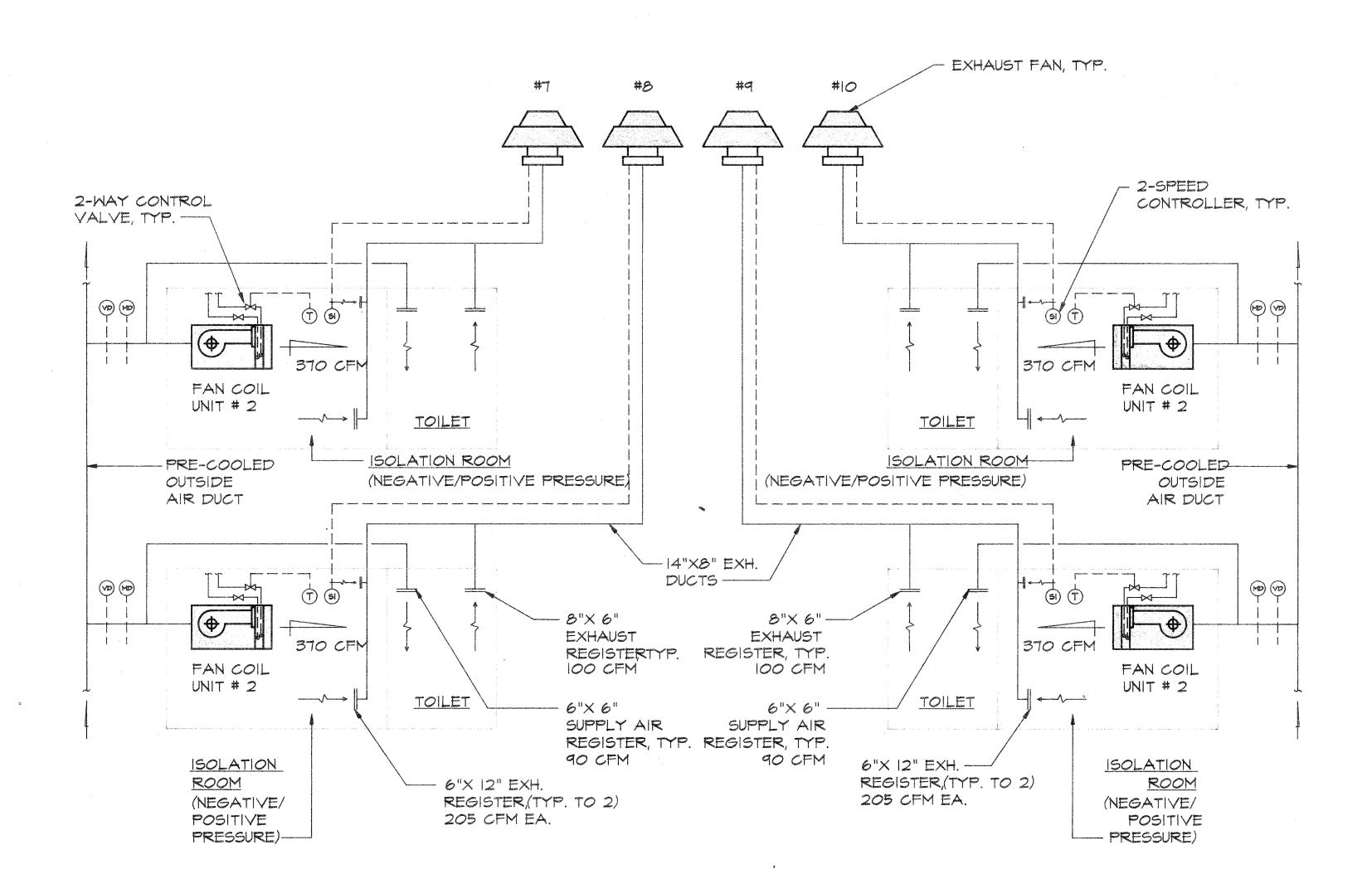


2 TYPICAL FUME HOOD EXHAUST DUCT INST. DETAIL
M5.3 NOT TO SCALE



STACKHEAD ANCHOR & EAR LUG INST. DETAIL
M5:3 NOT TO SCALE

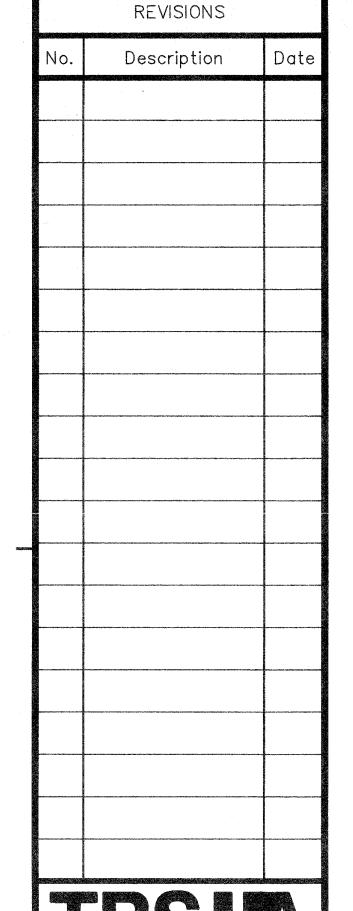




I ISOLATION ROOM AIR CONDITIONING & VENTILATION SCHEMATIC CONTROL DIAGRAM
M5.3 NOT

SEQUENCE OF OPERATION;

- I. TWO-SPEED EXHAUST FANS SHALL BE STARTED/STOPPED MANUALLY THRU THEIR RESPECTIVE SWITHCHES (6). FANS SHALL OPERATE AT LOW SPEED DURING POSITIVE PRESSURE APPLICATION AND AT HIGH SPEED DURING NEGATIVE PRESSURE APPLICATION.
- 2. 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.
- 3. MOTORIZED DAMPER (MD) SHALL OPEN WHEN PRE-COOLING AIR HANDLING UNIT IS "ON" AND SPRING RETURN TO CLOSE POSITION WHEN PRE-COOLING UNIT IS "OFF".



Taniguchi-Ruth-Smith

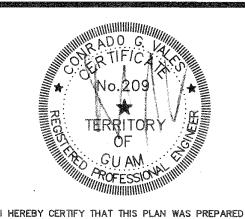
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HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION

DATE: 8/2/93

Project:

GMH LONG TERM CARE FACILITY

BARRIGADA,

Title:

SCHEMATIC CONTROL DIAGRAMS & DETAILS

Designed: RJP

Drawn: ARNOLD

Checked: CGV Supv: RJP

Scale: NONE

Date: 02 AUGUST 1993

Project No. AutoCAD File

Drawing No.

M5.3

SCHEDULE OF EQUIPMENT .:

RECIPROCATING CHILLERS (CH)

		,			Mark Commission Commis				Malandania de la company de		LINES OF THE PROPERTY OF THE PROPERTY OF THE	
MARK	NOMINAL		CHILLER	R DATA	mpassari (- Opprise transition) oddiestrich in der Wellen in Germanne transition in der ein	FOULING		come obstance manufacture and obstance of the con-	Name and Address of the Party o	DATA	THE RESIDENCE OF THE PARTY OF T	REMARKS
MAKE	TONS	GPM	EWTOF	LWT°F	P.D.FT	FACTOR	KW	VOLTS	PHASE	CYCLE	RLA	
CH # 1	145	290		42		0.0005	193	460	3	60	do	"CARRIER" MO. 30HS 195 OR APPROVED EQUAL

AIR COOLED CONDENSERS (ACC)

20110					MATERIAL PROPERTY AND ADDRESS OF THE PARTY AND	ACTOR DE LA COMPANIE	THE PROPERTY OF THE PARTY OF TH	New York Control of the Control of t			and the state of t
ſ		TOTAL HEAT	MAXIMUM AMBIENT	CONDENSING		F	AN MOT	OR		ELECTRICAL	REMARKS
A COMPANY OF THE PARTY OF THE P	MARK	REJECTION	TEMPERATURE	TEMPERATURE	QTY	FLA	VOLTS	PHASE	CYCLE	CHARACTERISTICS	
	ACC #I	100.0 TONS	COLUMN COLUMN DE AUTORIO DE COLUMN CONTRA DE COLUMN DE C	125°F MAX.	6	3.3	460		1	460V-30-60HZ	"CARRIER" MO.09 DE 084 OR APPROVED EQUAL
		and control and co			2	3.3	460		60	160125	"CARRIER" MO.09 DE 098
	ACC #2	112.6 TONS	90°F	125°F MAX.	6	3.0	460	3	60	460V-30-60HZ	OR APPROVED EQUAL

HEAT RECOVERY UNIT (HRU)

GIVEN	() () () () () () () () () ()		gamentel i i de la companya de la co					
Spranguation of the second	MARK	NOMINAL CAPACITY TONS	WATER	OUT OF	WATER GPM	NOMINAL HEAT TRANSFER (BTU/HR)	REMARKS	
Name of Street, Control of the Street,	HRU #	80	80	140	20	120.000	"NES" MO. E-341-80 OR APPROVED EQUAL	
TORCHOUSE SUIZE MARKET	HRU #2	80	80	140	20	432,000	"NES" MO. E-341-80 OR APPROVED EQUAL	

					HP	ELEC	ST. DAT	ra 📗	REMARKS
MARK	SERVICE	GPM	HEAD, FT.	RPM	M	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-T, DOUBLE SUCTION OR APPROVED EQUAL
F.P.	FIRE PUMP	500	240	3560	50	460	3	60	"AURORA" MO.3-48!-IOA 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
	LEAD PUMP	33	130	3500	3	460	3	60	"PACOFLO" MO. 9000 TYPE ES
BOOSTER SYSTEM	MAIN PUMP #I	66	130	3500	5	460	3	60	TRIPLEX WITH 120 GALLONS HYDROPNEUMATIC TANK
STOIL!	MAIN PUMP #2	66	130	3500	5	460	3	60	AT DROPNLOTATIO TANK
HWCP #1	HOT WATER CIRCULATING PUMP	20	20	1750	1/2	-15	The second secon	60	"BELL & GOSSETT" MO. PD-35S OR APPROVED EQUAL
HWCP #2	HOT WATER CIRCULATING PUMP	20	15	1750	1/3	115		60	"BELL & GOSSETT" MO. HD-3 OR APPROVED EQUAL
HWRCP#I	HOT WATER RETURN CIRCULATING PUMP	5	20	1750	1/2	115		60	"BELL & GOSSETT" MO. PD-355 OR APPROVED EQUAL
HMRCP#2		15	20	1750	1/2			60	"BELL & GOSSETT" MO. PD-355 OR APPROVED EQUAL

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

FANS AND VENTILATORS

						ナンジニ	ELEC	T. DAT	Ą	REMARKS
MARK	SERVICE	CFM	SP IN WG.	RPM	HP OR 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 EQUAL
	MEN'S SHOWER/TOILETS	320	1/4	1080	147W.	IN-LINE FAN	115	ar	60	"PENN" MO. ZIO OR APPROVED EQUAL
	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.)	150	1/4	1050	51 W.	IN-LINE FAN			60	"PENN" MO. Z8TDA OR APPROVED EQUAL
- F #5	HAZARD STO. (GROUND FLR.)	200	1/4	1110	130 W	IN-LINE FAN	113		60	"PENN" MO. Z81 OR APPROVED EQUAL
E.F #6	MENS/WOMENS TOILETS	120	1/4	1050	51 W.	IN-LINE FAN	5		60	"PENN" MO. Z8 OR APPROVED EQUAL
三.F #T 三.F #10		510 EA. 255 *	3/8	1700	1/6 EA.	ROOF VENTILATOR	5		60	"PENN" MO. XQ94L OR APPROVED EQUAL
one of the state o	(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	AUBGING 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 EQUAL
=.F # 4	MECHANICAL RM. (2ND FLR.)	5,390	3/8	470		ROOF VENTILATOR	460	3	60	"PENN" MO. RB30 OR APPROVED EQUAL
=.F #15	MENS/WOMENS TOILETS (2ND FLR.)	120	1/4	1050	51 W.	CEILING MTD. FAN	115		60	"PENN" MO. ZOTDA OR APPROVED EQUAL
	MENS/WOMENS TOILET (ADMIN.)	90 EA.	1/4 EA.	1580 EA.	50 W EA.	FAN	5		60	"PENN" MO. Z5 OR APPROVED EQUAL
	GENERATOR RM.	3,800	1/2	985		IN-LINE FAN	460	3	60	"PENN" MO. SX205BA OR APPROVED EQUAL
E.F #19	DISHWASHER HOOD (KITCHEN)	900	3/4	1750	1/3	ROOF VENTILATOR	115		60	"PENN" MO. AQ20 OR APPROVED EQUAL
E.F #20	PECPEATION RM	50	1/4	1580	50W.	CEILING FAN	115		60	"PENN" MO. Z5 OR APPROVED EQUAL
5.F #I	MECHANICAL RM. (GROUND FLR.)	1,370	1/2	1750	3/4	IN-LINE FAN	460	3	60	"PENN" MO. SXIO5QA OR APPROVED EQUAL
5.F #2	2 KITCHEN HOOD	2,880	1/2	670	3/4	IN-LINE FAN	460	3	60	"PENN" MO. SX225BA OR APPROVED EQUAL
S.F #5	MECHANICAL RM. 3 (2ND FLR.)	5,400	1/2	920	2	IN-LINE FAN	460	3	60	"PENN" MO. SX225BA OR APPROVED EQUAL
5.F #4	A CONTRACTOR OF THE SECOND CONTRACTOR OF THE S	890	3/8	1165	1/4	IN-LINE FAN		ì	60	"PENN" MO. SX 105 TA OR APPROVED EQUA

* LOW SPEED CFM

AIR HANDLING UNIT (AHU)

									CHW	DATA		FANN	MOTOR		SERVICE	REMARKS
a a auma l er	SUPPLY AIR,	OUTSIDE AIR,	EXT.	COOLIN	ng capacity	AIR EN	TERING	GPM	T-IN	MAX P.D.						
MARK	CFM	CFM	a pay grang	TOTAL,BTU/HR	SENSIBLE,BTU/HR	DB °F	MB °F	GEM	٥F	FT OF H20	HP	VOLTS	PHASE	CYCLE	SUPPORT	"CARRIER" MO. 39EI7
			1.5	294,720	187,010		66.6	49	42	10	7-1/2	460	3	60	SERVICES	OR APPROVED EQUAL
AHU #I	7,420	810	1.5	136,655	93,520	77.0	66.4	23	42	10	5	460	3	60	KITCHEN	"CARRIER" MO. 39E08 OR APPROVED EQUAL
AHU #2	4,120				The state of the s	80.5	71.8	21	42	10	3	460	3	60	DINNING/REC	"CARRIER" MO. 39E08 OR APPROVED EQUAL
AHU #3	3,000	1,440	1.5	162,301	-81,100	76.4	65.5	44	42	10	7-1/2	460	3	60	NURSING SERVICES	"CARRIER" MO. 39EIT OR APPROVED EQUAL
AHU #4	8,610	1,130	1.5	264,925	192,555	88.0	78.0	34	42	10	5	460	3	60	PRE-COOLED UNIT	"CARRIER" MO. 39E08 OR APPROVED EQUAL
AHU #5	3,510	3,510	1.5	204,425			66.5	25	42	10	13	460	5	60	ADMINISTRATION	"CARRIER" MO. 39E08 OR APPROVED EQUAL
AHU #6	4,160	835	1.5	151,300	98,755	76.8		19	42	10	3	460	3	60	MEDICAL/ DENTIST	"CARRIER" MO. 39E08 OR APPROVED EQUAL
AHU #T	3,000	675	1.5	113,110	71,280	77.5	67.2		42	10	3	460	5	60	REGEPTION/ LOBBY	"CARRIER" MO. 39E08 OR APPROVED EQUAL
AHU #8	3,900	195	1.5	94,740	82,250	15.5	63.6	16								

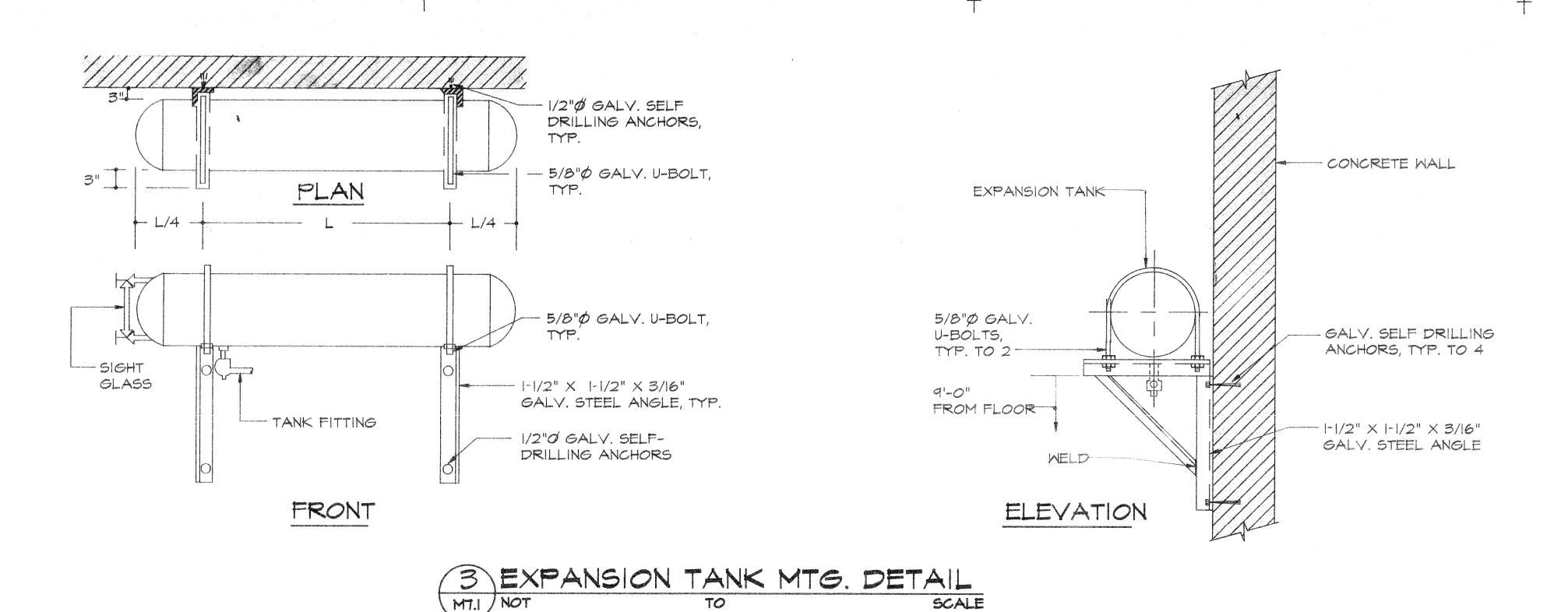
FAN COIL UNIT (FCU)

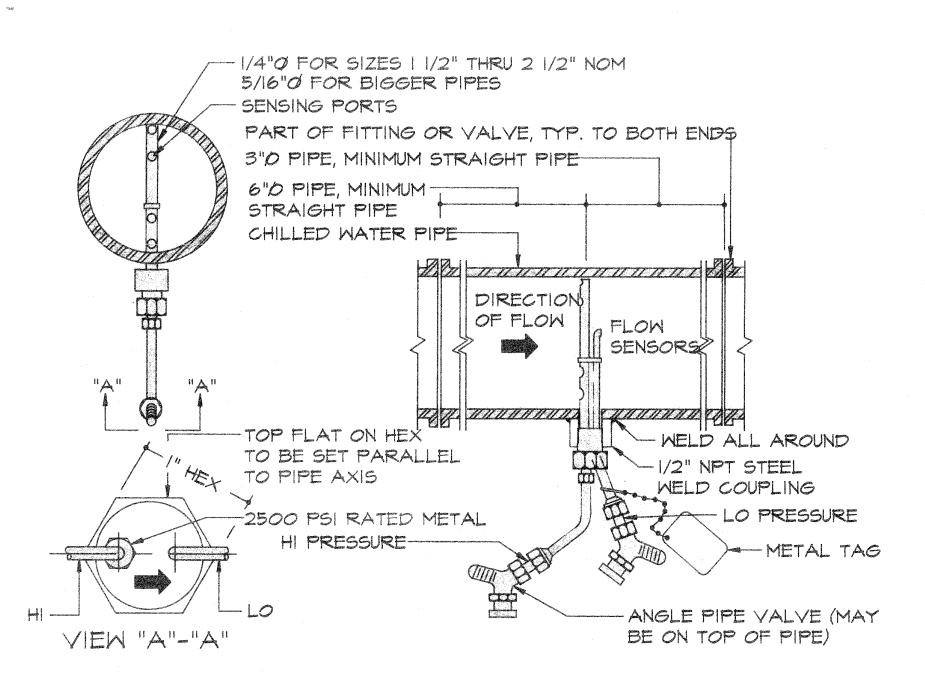
				COOLIN	NG CAPACITY	dermi de l'acceptant destruit destruit de l'acceptant de l'accepta			CHW	DATA		FANN	MOTOR		and design terrolling of (and design)	REMARKS
	SUPPLY AIR,	OUTSIDE AIR, CFM	EXT.		AIR ENTERING			T-IN	MAX P.D.	HP	HP VOLTS	PHASE	CYCLE	SERVICE	REMARNS	
MARK	CFM		5.P.	TOTAL BTU/HR	SENSIBLE,BTU/HR	DB °F	MB °F	FIGHT	o f-	FT OF H20	EACH	YULIU				"CARRIER" MO.42CE SIZE 08
					12.700	15.0	63.0	2.2	42	5	1/6	115	an Acres		ALL 2-BEDS ROOM	OR APPROVED EQUAL
FCU #1	640	70	0.15	10,610	100/100										ALL ISOLATION	"CARRIER" MO.42CE SIZE 04
41140	370	310	0.15	8,010	7,760	75.0	62.5	1.3	42	7.5	1/12	115	TOTAL DESIGNATION OF THE PROPERTY OF THE PROPE	60	ROOMS	OR APPROVED EQUAL
FCU #2			0.15	, and the second	10,770	15.0	62.6	2.0	42	distribution of the state of th	1/6	115		2 / / /	ALL HOSPICE ROOMS	"CARRIER" MO.42CE SIZE 06 OR APPROVED EQUAL
FCU #3	55	70			18,060	75.0	62.6	3.0	42	ens.	1/12	115	4		ELEVATOR MACHINE RM.	"CARRIER" MO.42CE SIZE IO OR APPROVED EQUAL
FCU #4	900		0.15	10,000	10,000	1									ELECTRICAL	"CARRIER" MO.42BH SIZE 30
FCU #5	2,250		0.15	45,075	45,015	75.0	62.6	1.5	42	5	No. of the last of	115		60	ROOM	OR APPROVED EQUAL

Description MECHANICAL INC. IT&E PLAZA, SUITE B-105 P.O. BOX 23156 GMF, GUAM 96921 TEL: (671)646-1558/5363 FAX: (671)646-8606 BARRIGADA, SCHEDULE OF EQUIPMENT

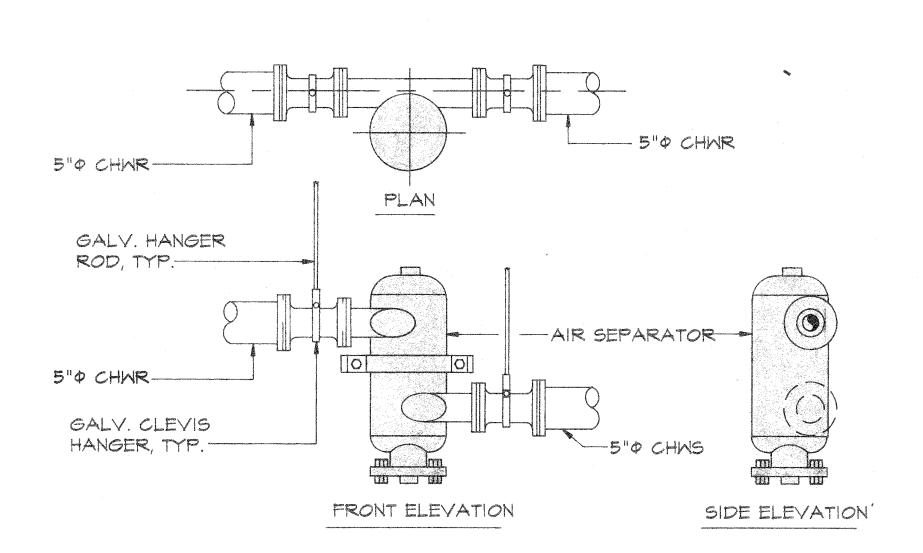
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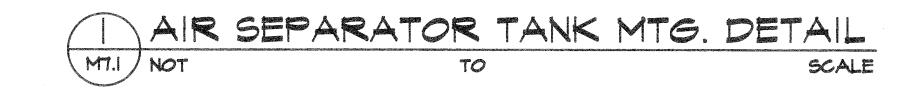
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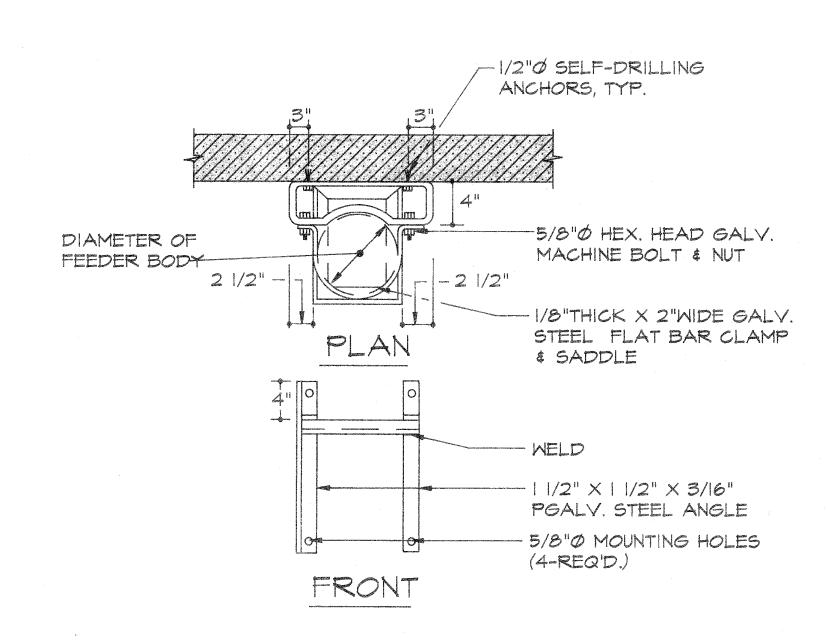




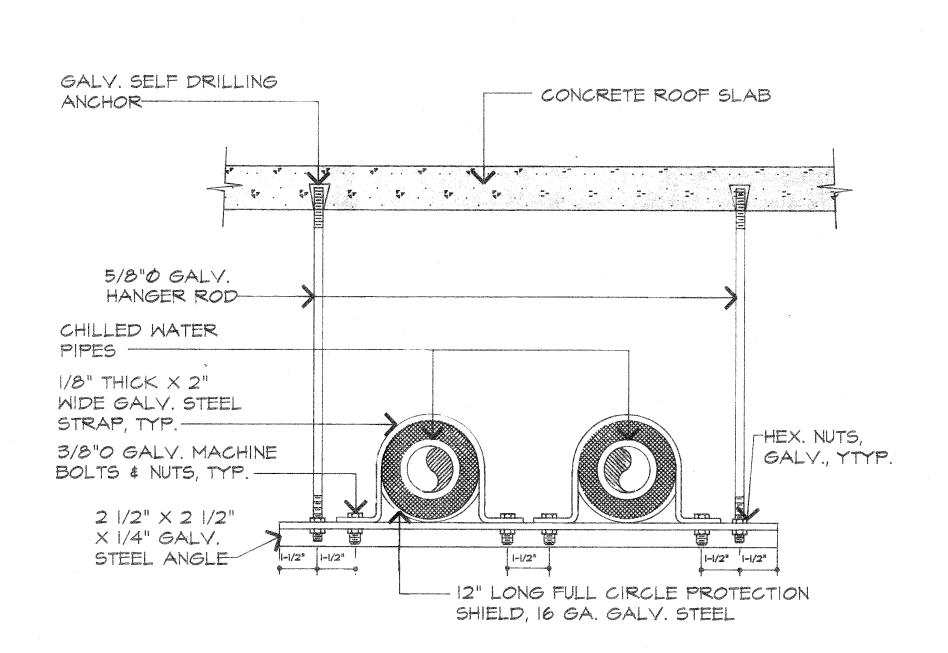




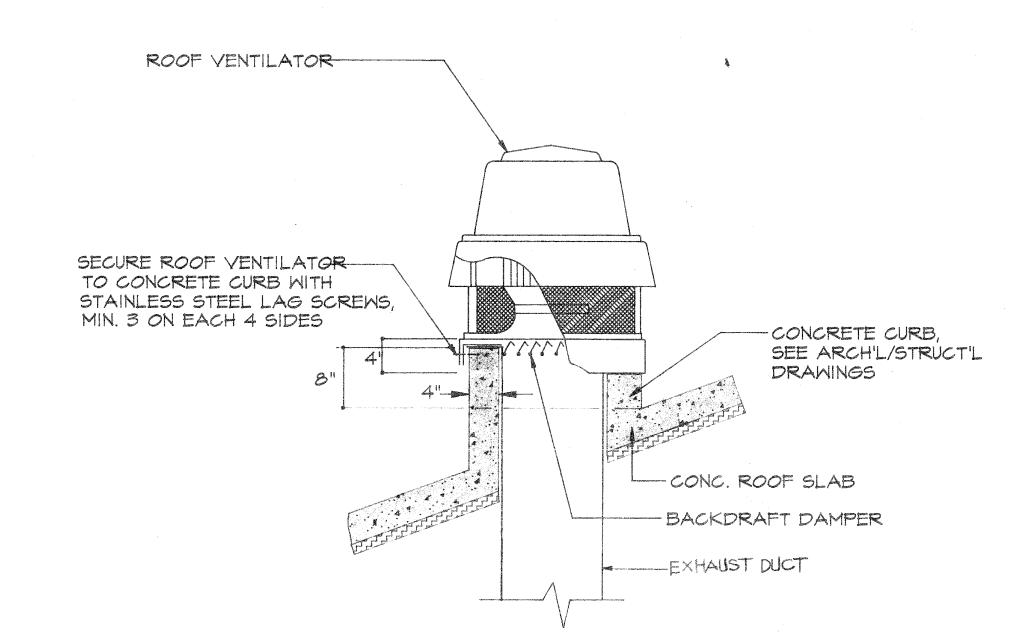




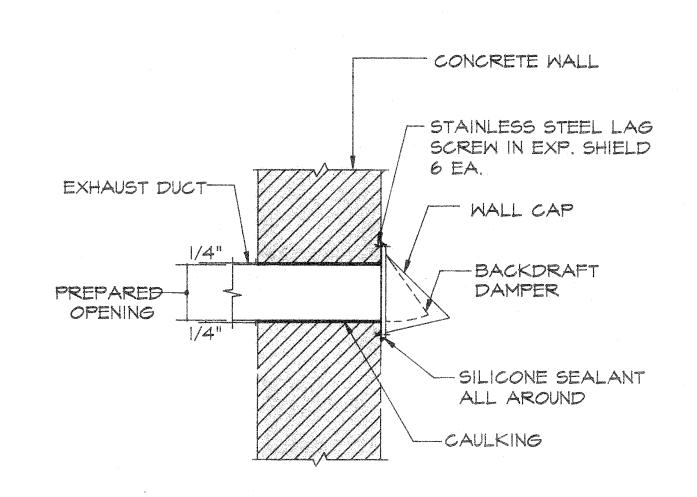
5 CHEMICAL FEEDER BRACKET DETAIL MT.I NOT SCALE



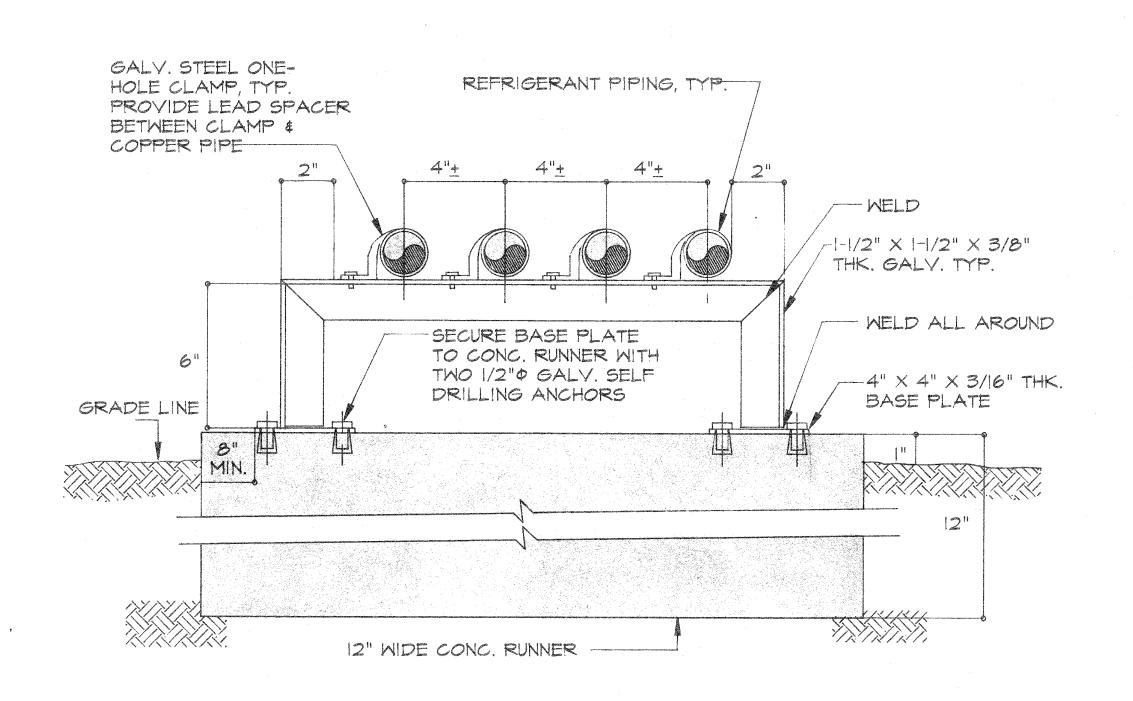
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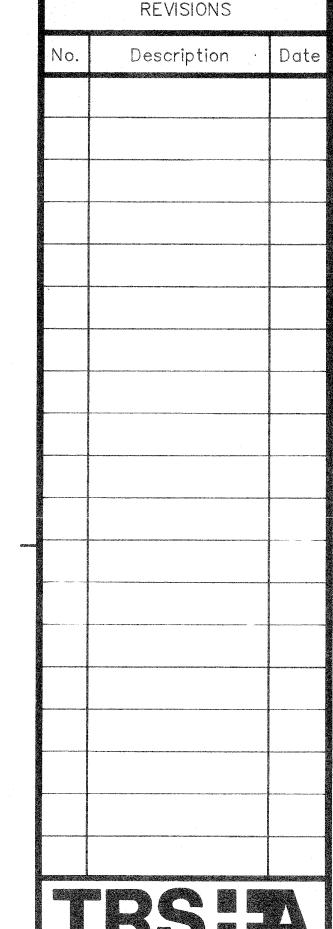
ROOF VENTILATOR INSTALL DETAIL MT.I NOT SCALE TO



EXHAUST FAN WALL CAP DETAIL MT.I/ NOT TO SCALE



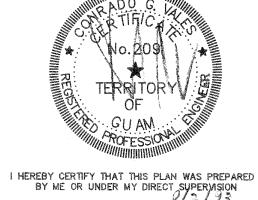




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DATE: 8/2/93

Project: GMH LONG TERM CARE FACILITY

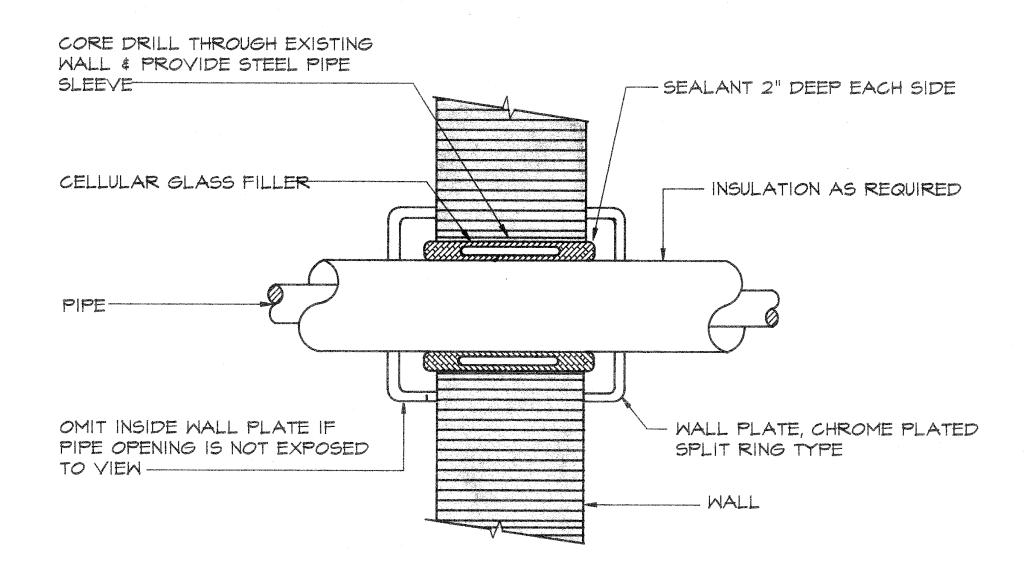
BARRIGADA,

Title: MISCELLANEOUS DETAILS

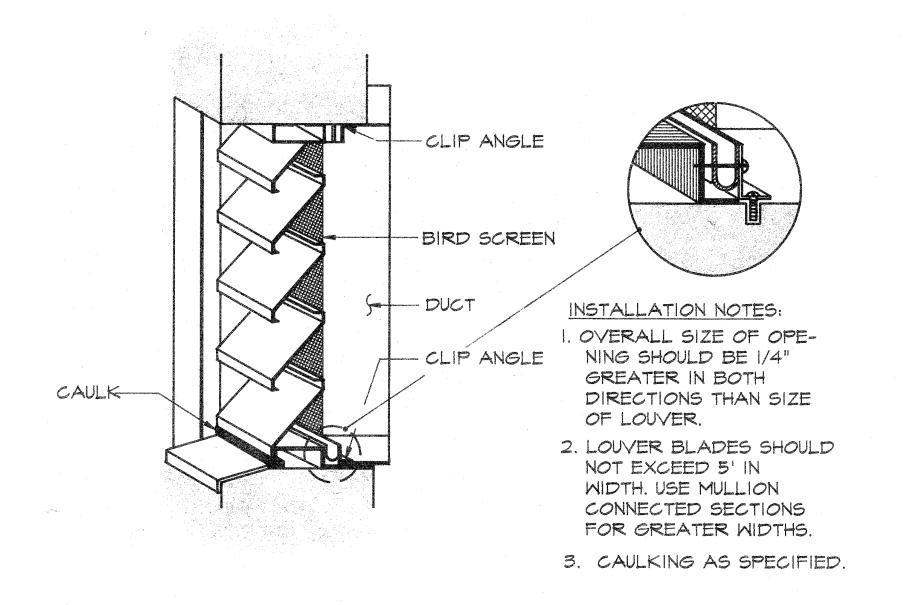
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Date: Project No. AutoCAD File Drawing No.

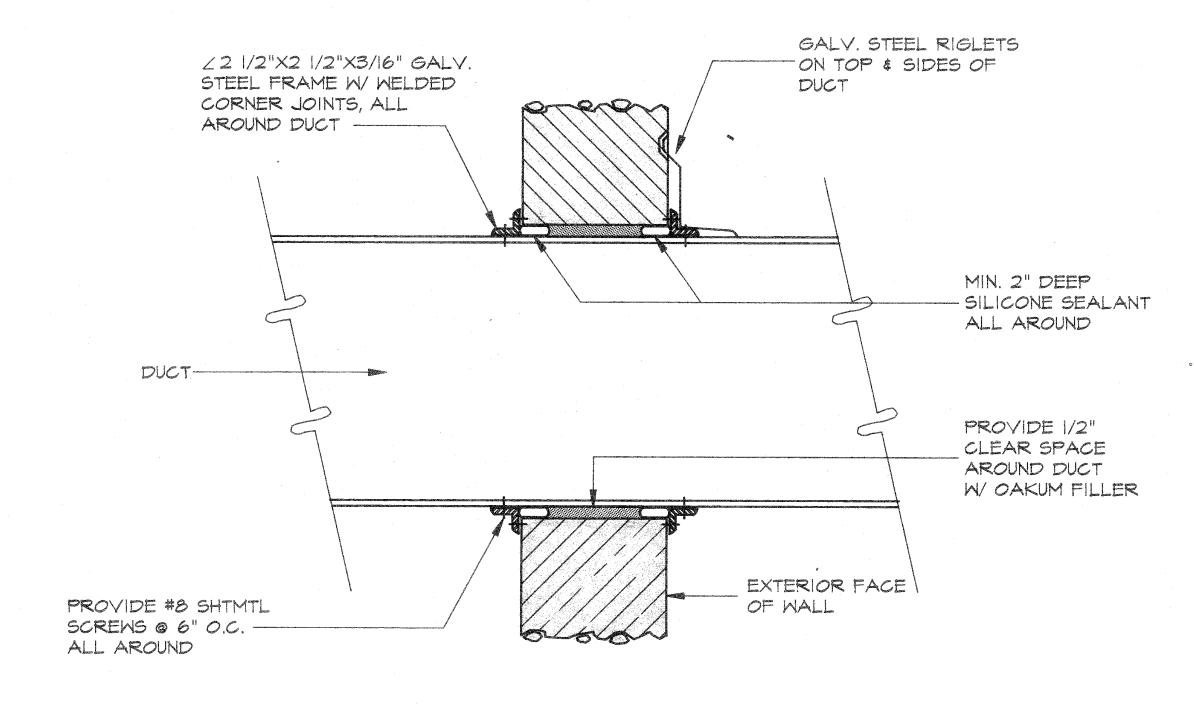
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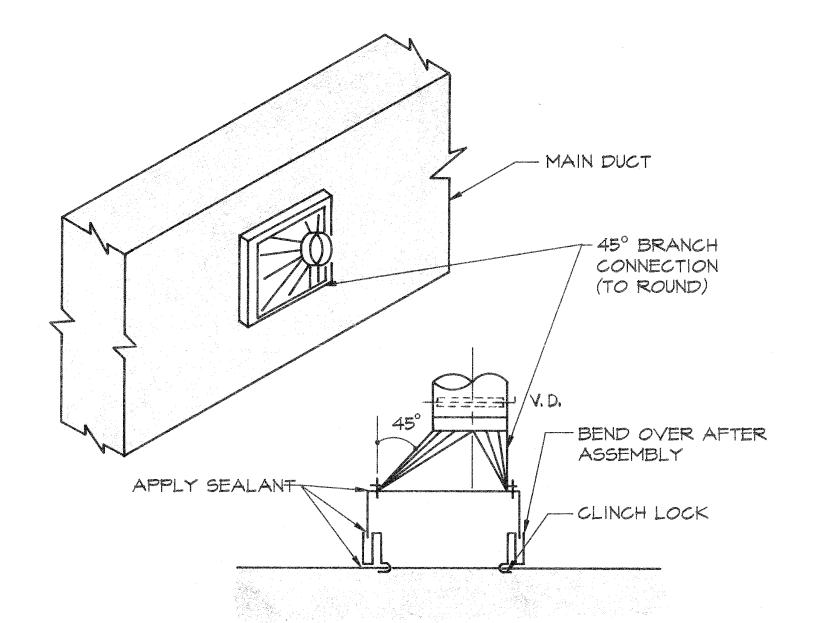
B PIPE THRU WALL DETAIL MT.2 NOT TO SCALI



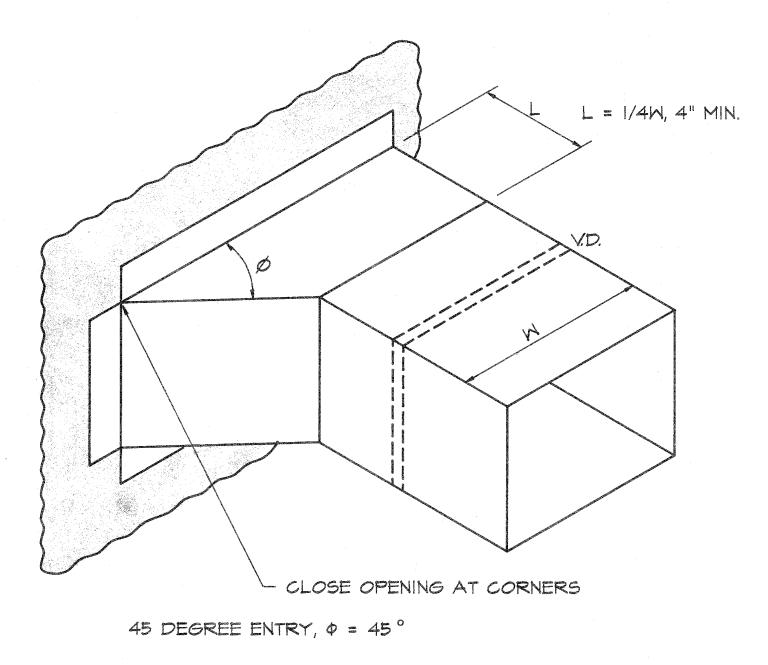
2 EXH. LOUVER INSTALL. DETAIL MT.2 NOT TO SCALE



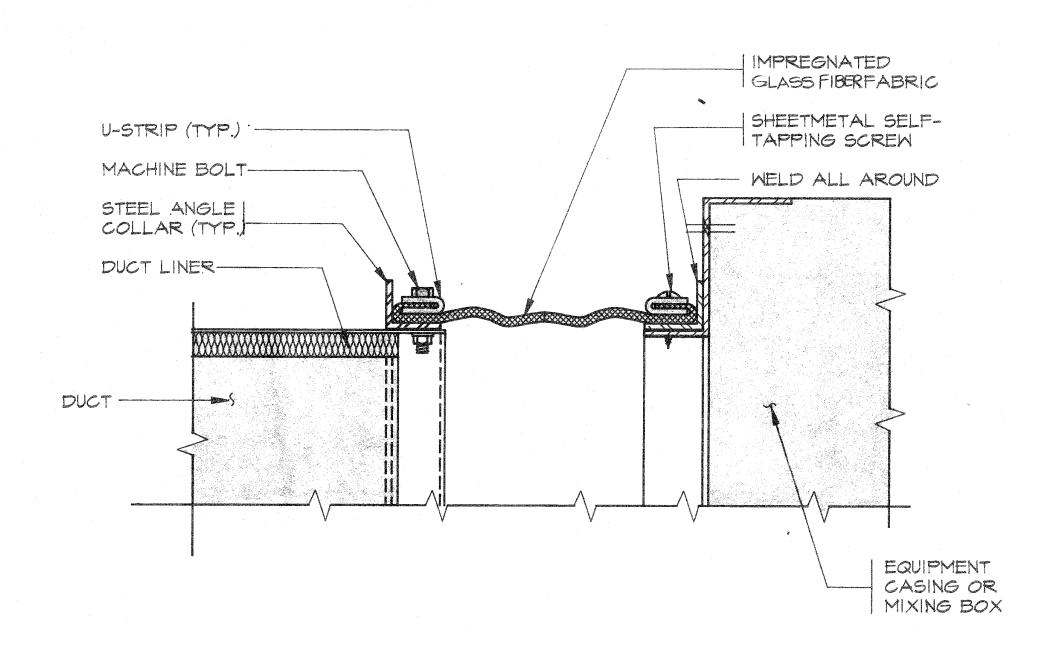
DUCT THRU WALL DETAIL
MT.2 NOT TO SCALE



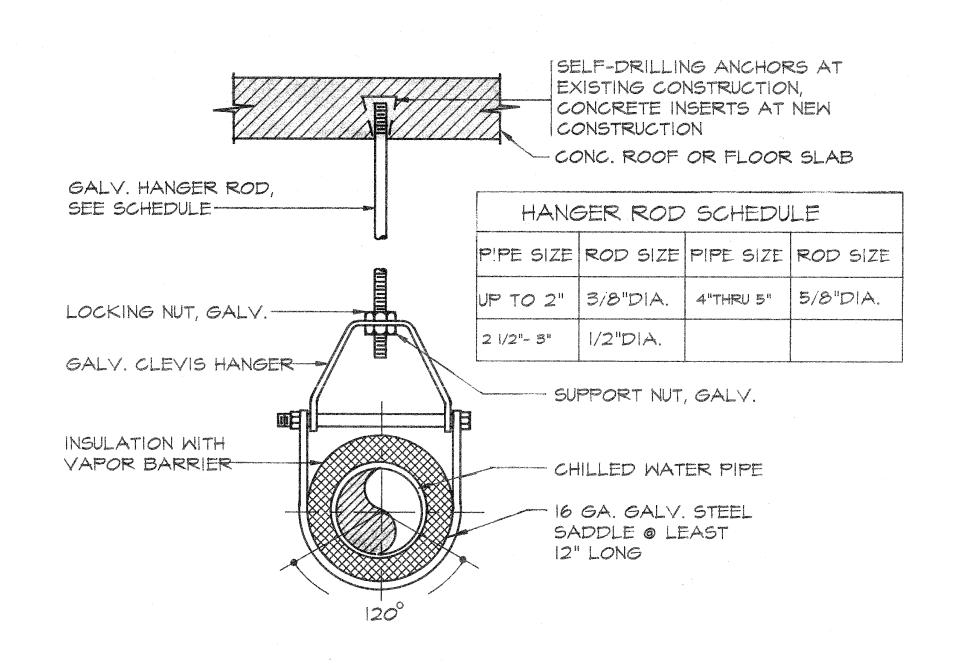
6 FLEXIBLE DUCT INSTALL. DETAIL
MI 2 NOT TO SCALE



5 BRANCH CONNECTION DETAIL
MT.2 NOT TO SCALE

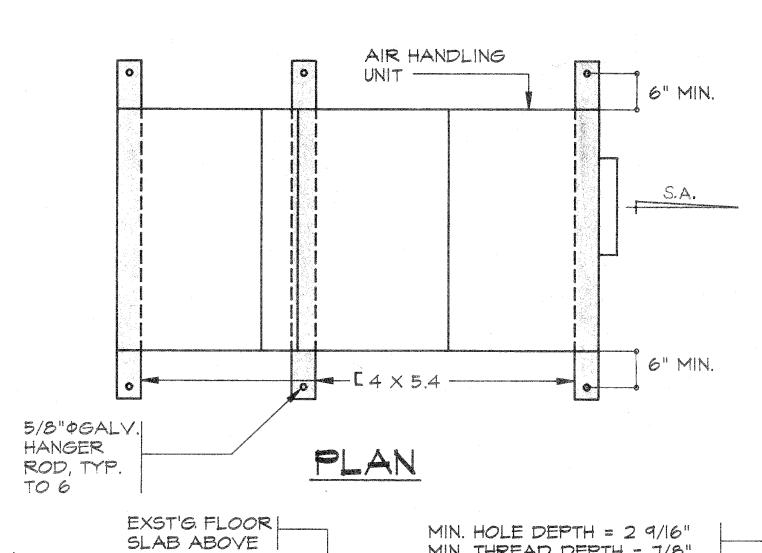


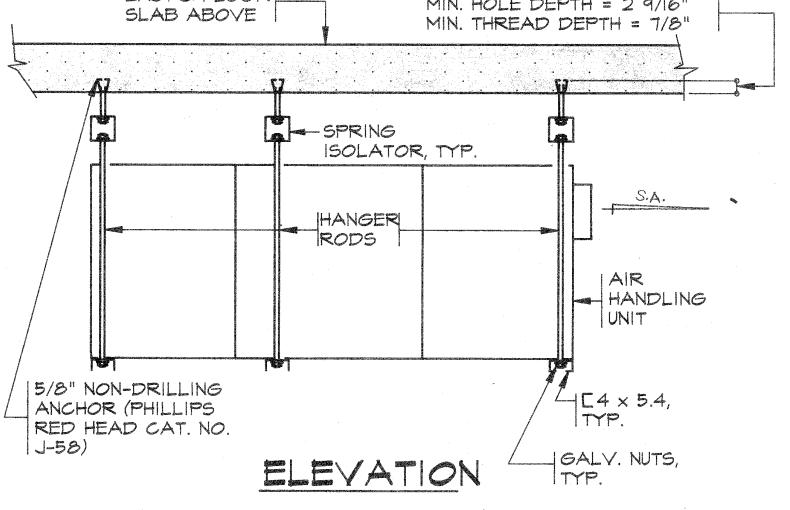
4 FLEXIBLE DUCT CONNECTION
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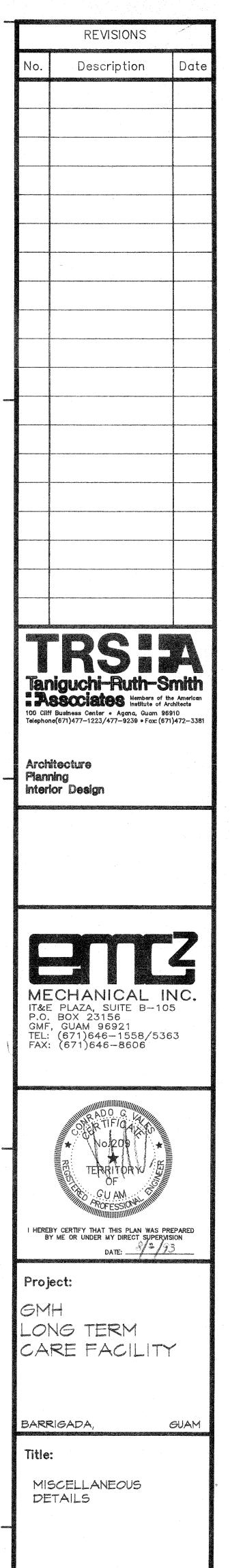
CLEVIS PIPE HANGER DETAIL

MT2 NOT TO SCALE





8 AHU INSTALLATION DETAIL
MT.2 NOT TO SCALE



Designed: RJP

Checked: CGV

Supv. RJP

Drawing No.

Scale: NONE

Drawn: PG/ARNOLD

AutoCAD File