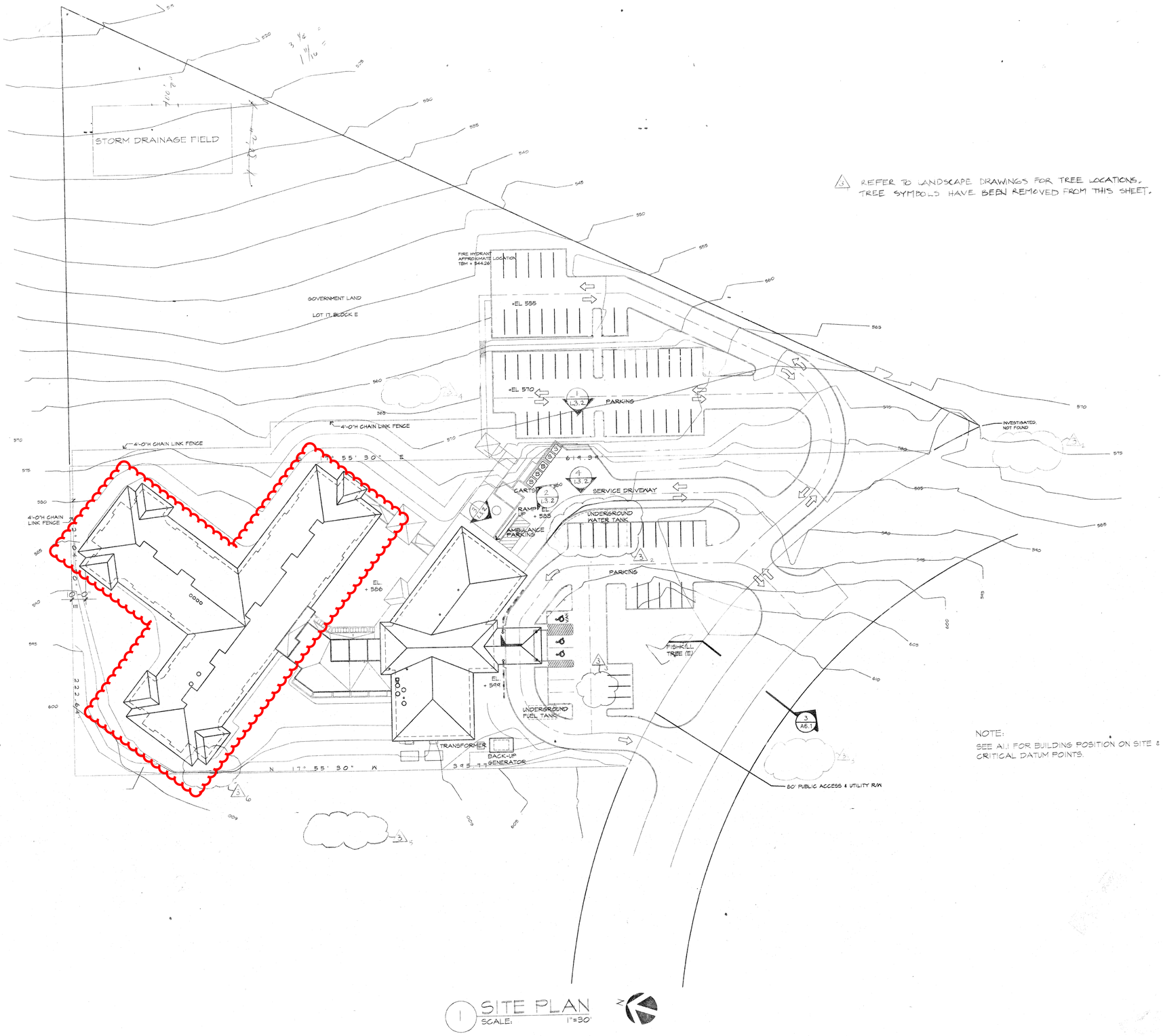
Removal & Replacement of Chilled water line at Nursing Wings A, B & C



⚠3 REFER TO LANDSCAPE DRAWINGS FOR TREE LOCATIONS. TREE SYMBOLS HAVE BEEN REMOVED FROM THIS SHEET.

NOTE:
SEE A1.1 FOR BUILDING POSITION ON SITE & CRITICAL DATUM POINTS.

1 SITE PLAN
SCALE: 1"=30'

REVISIONS

No.	Description	Date
3	ADDENDUM #3	8-19-03

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Tel.: (671) 472-8772 ● Fax.: (671) 472-3581

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let 3270-5
added, Comm

RONALD H. SMITH
CERTIFICATE No. 177 TERRITORY OF GUAM
REGISTERED ARCHITECT

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION.
DATE: 8/19/03

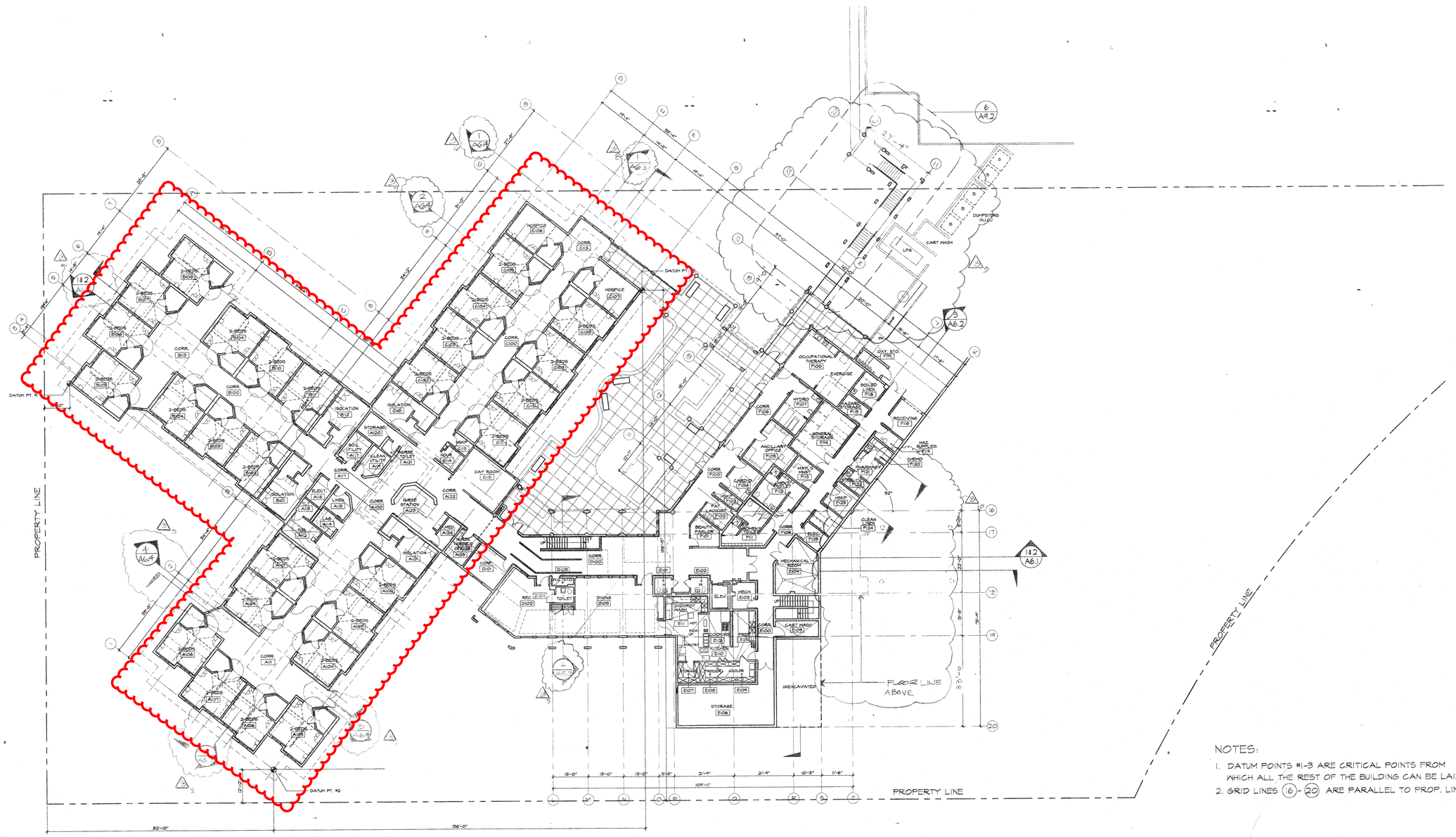
Project:
GMH
LONG TERM
CARE FACILITY

BARRIGADA, GUAM

Title:
SITE PLAN

Designed:	RS
Drawn:	TOM/Ian
Checked:	VT / MSS
Supv:	RS
Scale:	1"=30'
Date:	2 AUG 03
Project No.	916
AutoCAD File	AO-1

Drawing No.
A0.1
Sheet No. of



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

NOTES:

1. DATUM POINTS #1-3 ARE CRITICAL POINTS FROM WHICH ALL THE REST OF THE BUILDING CAN BE LAID OUT.
2. GRID LINES (16)-(20) ARE PARALLEL TO PROP. LINE.

REVISIONS

No.	Description	Date
2	ADDENDUM #3	8-17-93

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REGISTERED ARCHITECT

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DATE 8-17-93

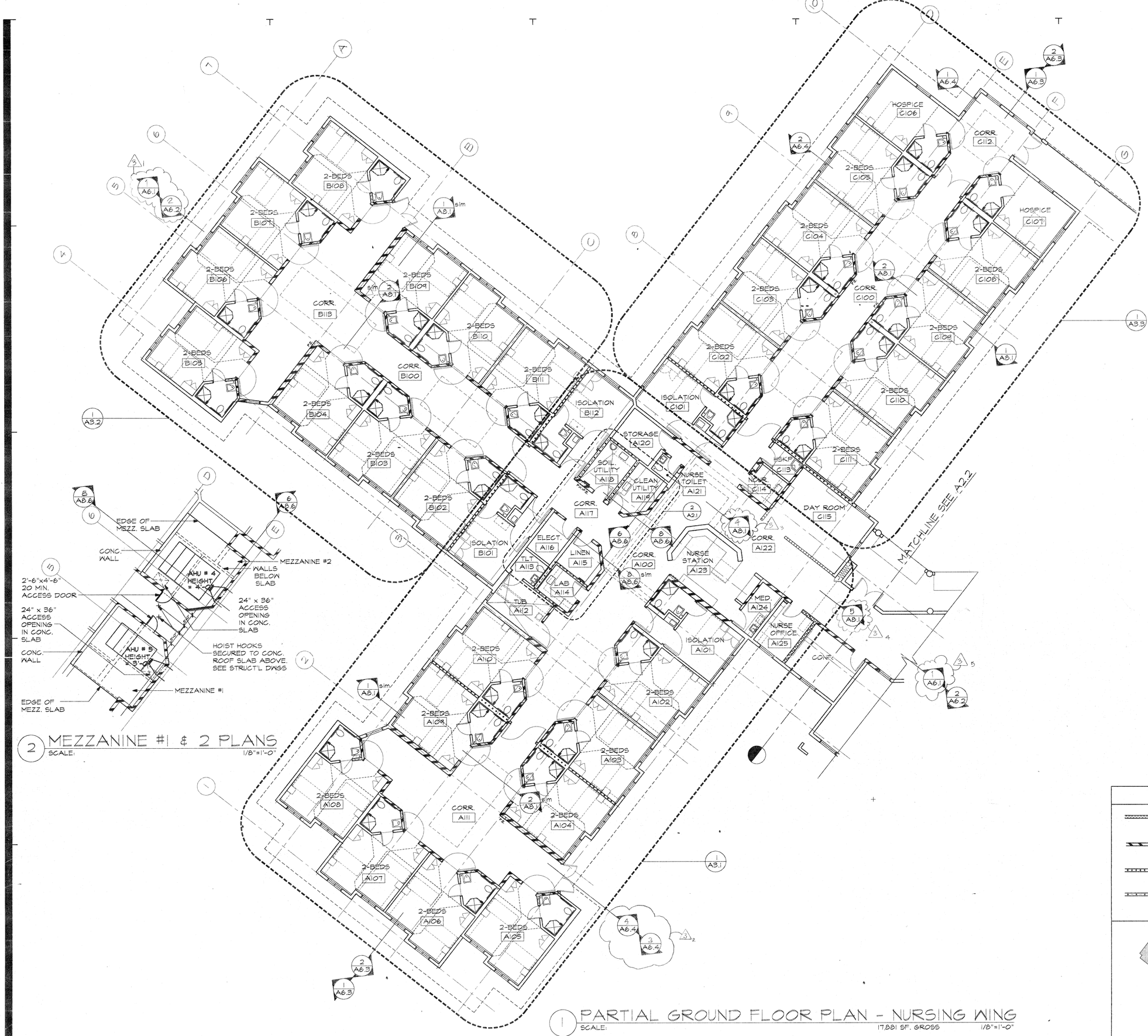
Project:
GMH
LONG TERM
CARE FACILITY

BARRIGADA GUAM

Title:
GROUND FLOOR PLAN

Designed:	RS
Drawn:	lan
Checked:	VT / MGS
Supv:	RS
Scale:	1/16"=1'-0"
Date:	2 AUG 93
Project No.	AutoCAD File
9116	A1-1

Drawing No.
A1.1
Sheet No. ____ of ____



2 MEZZANINE #1 & 2 PLANS

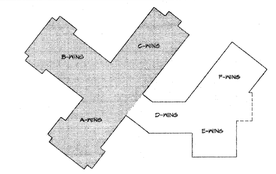
SCALE: 1/8"=1'-0"

1 PARTIAL GROUND FLOOR PLAN - NURSING WING

SCALE: 17,881 SF. GROSS 1/8"=1'-0"

PARTITION TYPES

- TYPICAL 2 HR FIRE RATED WALL PARTITION. WALL TYPES ARE SHOWN ON 1/4" SCALE PLANS.
- TYPICAL 1 HR FIRE RATED WALL PARTITION. WALL TYPES ARE SHOWN ON 1/4" SCALE PLANS.
- TYPICAL 1 HR SMOKE PARTITION. WALL TYPES ARE SHOWN ON 1/4" SCALE PLANS.
- TYPICAL 1 HR - USE RELATED FIRE RATED WALL. WALL TYPES ARE SHOWN ON 1/4" SCALE PLANS.



KEY PLAN

REVISIONS

No.	Description	Date
1-5	ADDENDUM #3	8-17-93

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Interior Design

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CERTIFICATE No. 177 TERRITORY OF GUAM
REGISTERED ARCHITECT

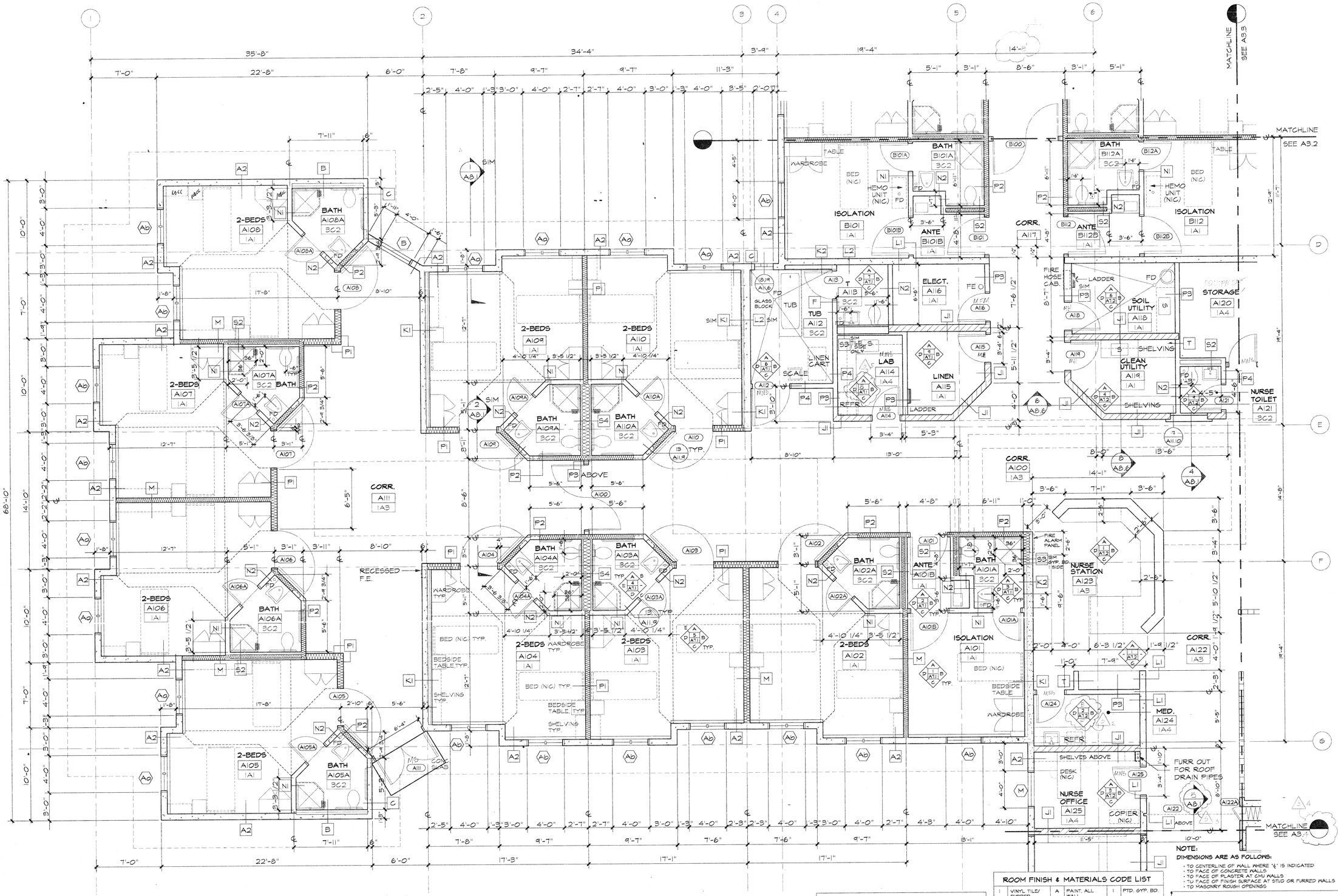
I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION
DATE: 8/3/93

Project:
GMH
LONG TERM
CARE FACILITY

BARRIGADA, GUAM

Title:
PARTIAL GROUND FLOOR PLAN - NURSING WING

Designed:	RS
Drawn:	TOM/LAM
Checked:	VT / MGS
Supv:	RS
Scale:	1/8"=1'-0"
Date:	2 AUG 93
Project No.	9116
AutoCAD File	A2-1
Drawing No.	A2.1
Sheet No.	of



1 DETAILED PLAN - GROUND FLOOR A-WING

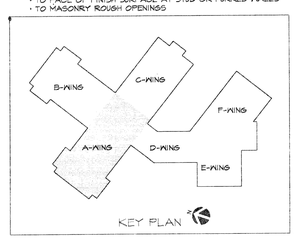
SCALE: 1/4"=1'-0"

PARTITION TYPES

- TYPICAL CONCRETE WALL, SEE STRUCT. DWGS. SEE WALL TYPE FOR FINISH.
- TYPICAL CONCRETE UNIT MASONRY WALL. SEE STRUCT. DWGS. SEE WALL TYPE FOR FINISH.
- TYPICAL METAL STUD WALL. SEE WALL TYPE FOR FINISH.
- TYPICAL METAL STUD CHASE WALL. SEE WALL TYPE FOR FINISH.
- TYPICAL METAL STUD W/ACOUSTIC INSUL. SEE WALL TYPE FOR FINISH.

ROOM FINISH & MATERIALS CODE LIST

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



REVISIONS		
No.	Description	Date
1	ADDENDUM #3	8/13/93

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RONALD R. SMITH
CERTIFICATE No. 177 TERRITORY OF GUAM
REGISTERED ARCHITECT

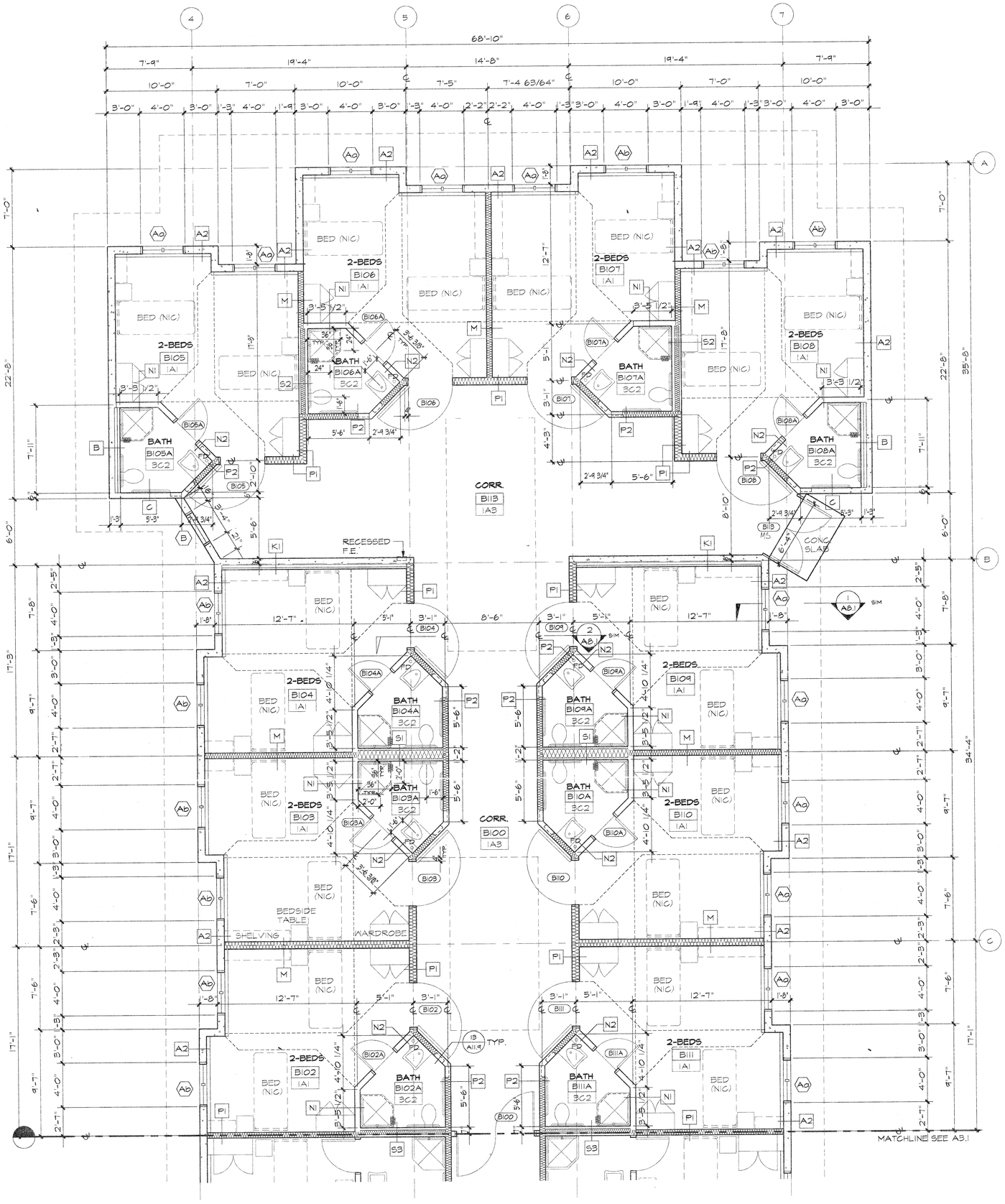
I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION.
DATE: 8/13/93

Project:
GMH
LONG TERM
CARE FACILITY
BARRIGADA, GUAM

Title:
DETAILED PLAN - GROUND FLOOR A-WING

Designed:	RS
Drawn:	lan
Checked:	VT / MGS
Supv:	RS
Scale:	1/4"=1'-0"
Date:	2 AUG 93
Project No.	9116
AutoCAD File	A3-1

Drawing No.
A3.1
Sheet No. ____ of ____



1 DETAILED PLAN - GROUND FLOOR B-WING
SCALE: 1/4"=1'-0"

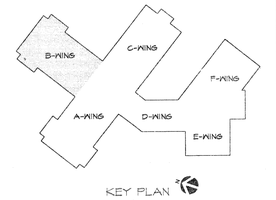
NOTE:
DIMENSIONS ARE AS FOLLOWS:
- TO CENTERLINE OF WALL WHERE '℄' IS INDICATED
- TO FACE OF CONCRETE WALLS
- TO FACE OF PLASTER AT CMU WALLS
- TO FACE OF FINISH SURFACE AT STUD OR FURRED WALLS
- TO MASONRY ROUGH OPENINGS

PARTITION TYPES

- TYPICAL CONCRETE WALL. SEE STRUCT. DWGS. SEE WALL TYPE FOR FINISH.
- TYPICAL CONCRETE UNIT MASONRY WALL SEE STRUCT. DWGS. SEE WALL TYPE FOR FINISH.
- TYPICAL METAL STUD WALL. SEE WALL TYPE FOR FINISH.
- TYPICAL METAL STUD CHASE WALL. SEE WALL TYPE FOR FINISH.
- TYPICAL METAL STUD WALL W/ACOUSTIC INSUL. SEE WALL TYPE FOR FINISH.

ROOM FINISH & MATERIALS CODE LIST

1	VINYL TILE/ RUBBER BASE	A	PAINT, ALL WALL	1	PTD. GYP. BD.
2	CARPET / RUBBER BASE	B	PAINT 3 WALLS	2	VLR. GYP. BD., PTD.
3	CER. TILE/ CER. TILE CPT-1	C	CER. TILE CMT-1	3	SUSP. ACOUST. TILE #1 & PTD. GYP. BD. - (AS NOTED ON PLANS)
4	SEALED CONC.	D	PTD. VLR. GYP. BD./CER. TILE TO 4'-0"H CMT-1	4	SUSP. ACOUST. TILE #2
5	PORCELAIN CER. TILE & CARPET/ WOOD BASE	E		5	PTD. CONC.
6	SEAMLESS FLOORING	F		6	WOOD PANELING
7	PORCELAIN CER. TILE/ WOOD BASE			7	SUSP. ACOUST. TILE #3



REVISIONS

No.	Description	Date

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TERRITORY OF GUAM
REGISTERED ARCHITECT

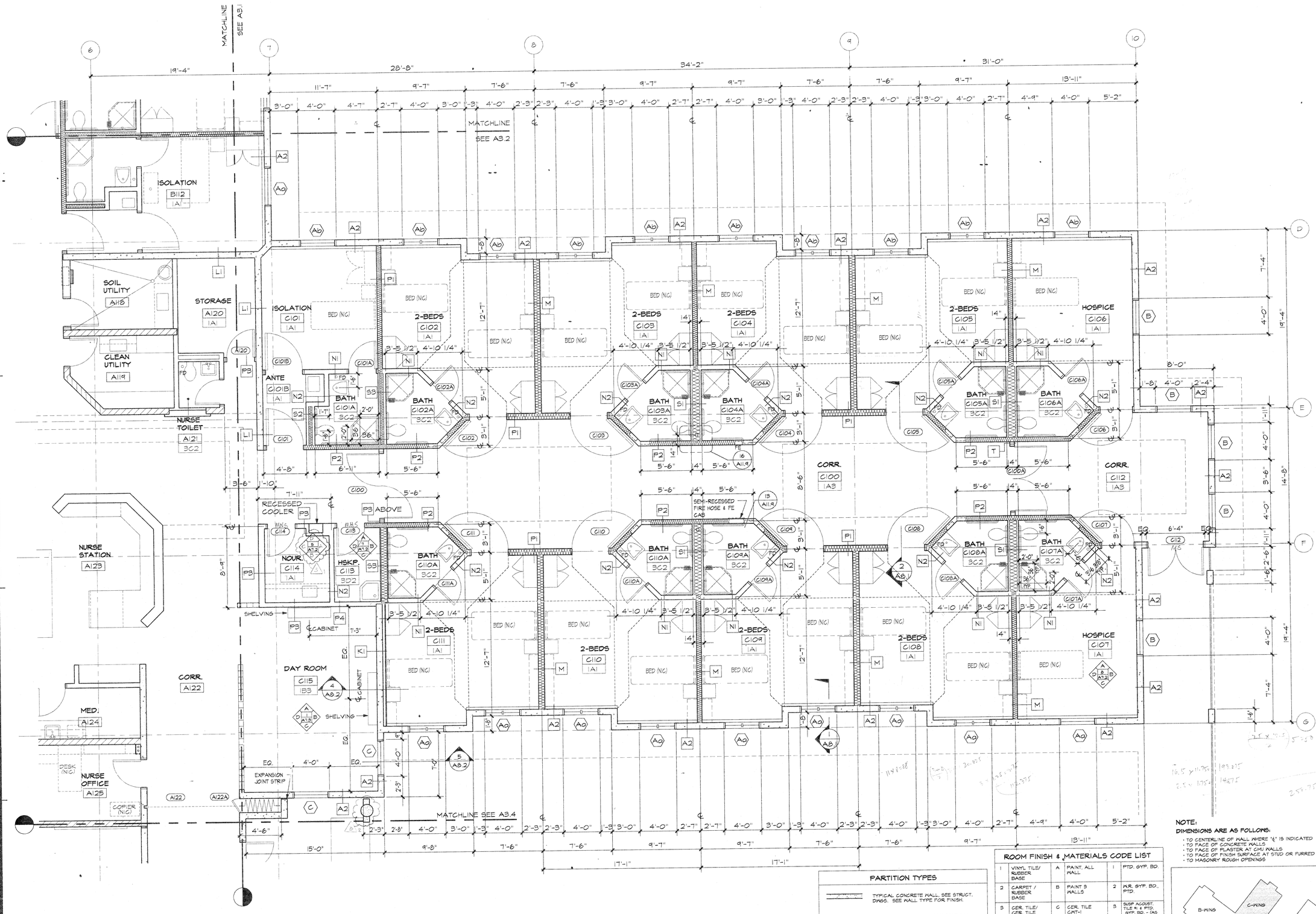
I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION.
DATE: 8/3/93

Project:
GMH
LONG TERM
CARE FACILITY
BARRIGADA, GUAM

Title:
PARTIAL GROUND FLOOR PLAN - B-WING

Designed:	RS
Drawn:	lan
Checked:	VT / MGS
Supv:	RS
Scale:	1/4"=1'-0"
Date:	2 AUG 93
Project No.	AutoCAD File
9116	A3-2

Drawing No.
A3.2
Sheet No. of



1 DETAILED PLAN - GROUND FLOOR C-WING

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

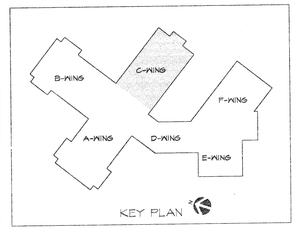
PARTITION TYPES

- TYPICAL CONCRETE WALL. SEE STRUCT. DWGS. SEE WALL TYPE FOR FINISH.
- TYPICAL CONCRETE UNIT MASONRY WALL. SEE STRUCT. DWGS. SEE WALL TYPE FOR FINISH.
- TYPICAL METAL STUD WALL. SEE WALL TYPE FOR FINISH.
- TYPICAL METAL STUD CHASE WALL. SEE WALL TYPE FOR FINISH.
- TYPICAL METAL STUD WALL W/ACOUSTIC INSUL. SEE WALL TYPE FOR FINISH.

ROOM FINISH & MATERIALS CODE LIST

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

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



REVISIONS		
No.	Description	Date
1, 2	ADDENDUM	8-17-93

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CERTIFICATE No. 177
TERRITORY OF GUAM
REGISTERED ARCHITECT

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DATE: 8/3/93

Project:
GMH
LONG TERM
CARE FACILITY
BARRIGADA, GUAM

Title:
PARTIAL GROUND FLOOR PLAN - C-WING

Designed:	RS
Drawn:	lan
Checked:	VT / MGS
Supv:	RS
Scale:	1/4"=1'-0"
Date:	2 AUG 93
Project No.	9116
AutoCAD File	A3-3

Drawing No.
A3.3
Sheet No. of

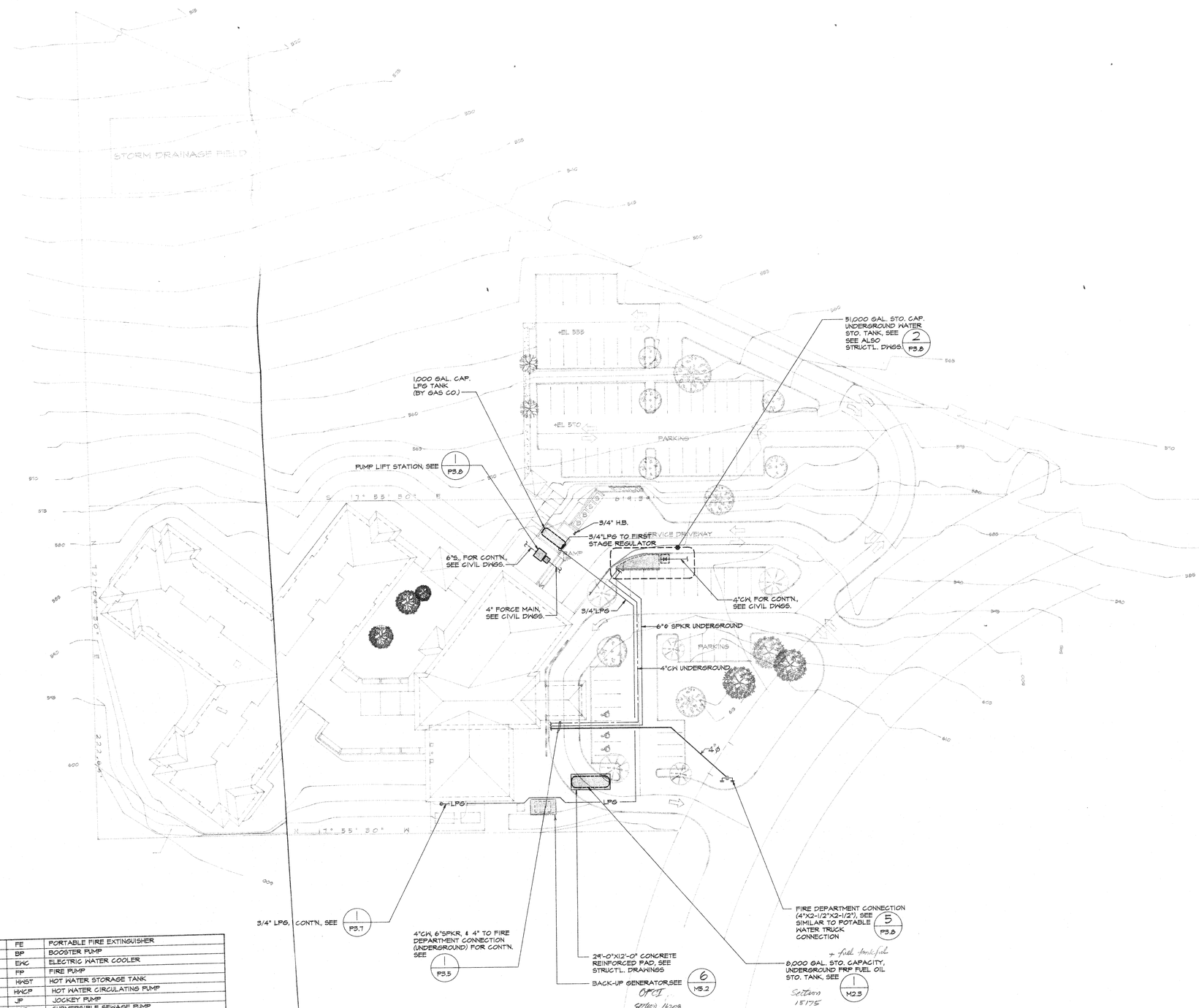
LEGEND (AIR-CONDITIONING & VENTILATION):

SYMBOL	ABBREV.	DESCRIPTION
—ACD—	ACD	AIR-CONDITIONING DRAIN
—CHWR—	CHWR	CHILLED WATER RETURN
—CHWS—	CHWS	CHILLED WATER SUPPLY
—RHG—	RHG	REFRIGERANT HOT GAS LINE
—RL—	RL	REFRIGERANT LIQUID LINE
	FC	FLEXIBLE CONNECTION (PIPING)
	PG	PRESSURE GAUGE
		STRAINER
AAV	AAV	AUTOMATIC AIR VENT
		3-WAY CONTROL VALVE
		2-WAY CONTROL VALVE
	BV	BUTTERFLY VALVE
	CV	CHECK VALVE
	GV	GATE VALVE
	GL. V	GLOBE VALVE
	PV	PLUG VALVE
	PRV	PRESSURE REDUCING VALVE
	TV	TURNING VANES
		INCLINED DROP IN RESPECT TO AIRFLOW
		INCLINED RISE IN RESPECT TO AIRFLOW
	VD	VOLUME DAMPER
	T	THROAT
	F.C.	FLEXIBLE CONNECTION (DUCT)
	F.D.	FIRE DAMPER
	MVD	MOTORIZED VOLUME DAMPER
	B.D.	BACKDRAFT DAMPER
	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)
	EAL	EXHAUST AIR LOUVER
	ER	EXHAUST REGISTER
	OAL	OUTSIDE AIR LOUVER
	RAG	RETURN AIR GRILLE
	RLD	RETURN LINEAR DIFFUSER
	SAG	SUPPLY AIR GRILLE
	SAR	SUPPLY AIR REGISTER
	SLD	SUPPLY LINEAR DIFFUSER
	AP	ACCESS PANEL
	DUC	DOOR UNDER CUT
	SD	DUCT SMOKE DETECTOR
	A/C	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
T		THERMOSTAT
	CFM	CUBIC FEET PER MINUTE
	FSD	COMBINATION FIRE/SMOKE DAMPER
	GPM	GALLON PER MINUTE
	ΔT	TEMPERATURE DIFFERENCE
	TDH	TOTAL DYNAMIC HEAD
	TYP.	TYPICAL

LEGEND (PLUMBING AND FIRE PROTECTION):

SYMBOL	ABBREV.	DESCRIPTION
		PIPING
	CO	CLEANOUT
	CV	CHECK VALVE
	CW	COLD WATER LINE
	GV	GATE VALVE
	HW	HOT WATER LINE
—G—	LPG	LIQUIFIED PETROLEUM GAS LINE
	S OR W	SOIL OR WASTE LINE
—SPKR—	SPKR	SPRINKLER LINE
		STRAINER
V	V	VENT LINE
D	D	INDIRECT DRAIN
SD	SD	STORM DRAIN
HWR	HWR	HOT WATER RETURN
	GL. V.	GLOBE VALVE
		CONCEALED PENDENT TYPE SPKR. HEAD
		NON-CONCEALED PENDENT TYPE SPKR. HEAD
		SIDEWALL SPRINKLER HEAD
	BV	BUTTERFLY VALVE
	FC	FLEXIBLE CONNECTION
		FLANGE
		UNION
	FS	FLOW SWITCH
		VALVE WITH TAMPER SWITCH
	PG	PRESSURE GAUGE
		AQUASTAT
		THERMOMETER
FM		FORCE MAIN
FOS	FOS	FUEL OIL SUPPLY PIPE
FOR	FOR	FUEL OIL RETURN PIPE
FOV	FOV	FUEL OIL VENT PIPE
GPR	GPR	GAS PRESSURE REGULATOR
		RISER DN. (ELBOW)
		RISER UP (ELBOW)
		RISE OR DROP
		WATER METER
		BRANCH BOTTOM CONNECTION
		BRANCH TOP CONNECTION
		PLUGGED PIPE
	HGV	HOSE GATE VALVE
WHA	WHA	WATER HAMMER ARRESTER
PTRV	PTRV	PRESSURE-TEMPERATURE RELIEF VALVE
PRV	PRV	PRESSURE RELIEF VALVE
	FD	FLOOR DRAIN
	FS	FLOOR SINK
	HB	HOSE BIBB
	DN.	DOWN
	DS	DOWN SPOUT
	FCO	FLOOR CLEANOUT
	FUN D.	FUNNEL DRAIN
	OD	OVERFLOW DRAIN
	RD	ROOF DRAIN
	SHO.	SHOWER
	SHO D.	SHOWER DRAIN
	SS	SOIL STACK
	VS	VENT STACK
VTR	VTR	VENT THRU ROOF
WCO	WCO	WALL CLEANOUT
	YCO	YARD CLEANOUT

	FE	PORTABLE FIRE EXTINGUISHER
	BP	BOOSTER PUMP
	EWC	ELECTRIC WATER COOLER
	FP	FIRE PUMP
	HWST	HOT WATER STORAGE TANK
	HWCP	HOT WATER CIRCULATING PUMP
	JP	JOCKEY PUMP
	SSP	SUBMERSIBLE SEWAGE PUMP
	WS	WATER SOFTENER
	HWRCP	HOT WATER RETURN CIRCULATING PUMP
	BT	BATH TUB
	HS	HAND SINK
	KS	KITCHEN SINK (DOUBLE COMPARTMENT)
	LAV	LAVATORY
	UR	URINAL
	WC	WATER CLOSET (FLUSH TANK, FLOOR MOUNTED)
	WC	WATER CLOSET (FLUSH VALVE, FLOOR MOUNTED)
	WC	WATER CLOSET (FLUSH VALVE, WALL MOUNTED)
	SHO. H.	SHOWER HEAD



1/M0.1 MECHANICAL SITE PLAN
SCALE: 1"=50'

N

TRS+A
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Telephone(671)477-1223/477-9239 • Fax:(671)472-3381

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3 of 3

EMC2 MECHANICAL INC.
174E PLAZA, SUITE B-105
P.O. BOX 22156
SMP, GUAM 96921
TEL.: (671)646-1558/3563
FAX: (671)646-2606

COLORADO G. VALDEZ CERTIFIED No.209 TERRITORY OF GUAM REGISTERED PROFESSIONAL ENGINEER

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION
DATE: 8/5/93

REVISIONS		
No.	Description	Date

Project:
GMH
LONG TERM
CARE FACILITY

BARRIGADA, GUAM

Title:
MECHANICAL
SITE PLAN & LEGEND

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

Drawing No.
M0.1

Sheet No. _____ of _____

NOTE :

FOR AIR CONDITIONING PLAN OF NURSING SERVICES AND CORRIDORS, REFER TO SHEET M2.1A

1 M2.1 PARTIAL GROUND FLOOR A/C & VENTILATION PLAN - NURSING WING

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

REVISIONS		
No.	Description	Date
3	ADDENDUM # 2	8-1793

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GMF, GUAM 96921
TEL: (671)646-1558/5363
FAX: (671)646-8606

CONRADO G. VALDEZ CERTIFICATE No.209 TERRITORY OF GUAM REGISTERED PROFESSIONAL ENGINEER

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

BARRIGADA, GUAM

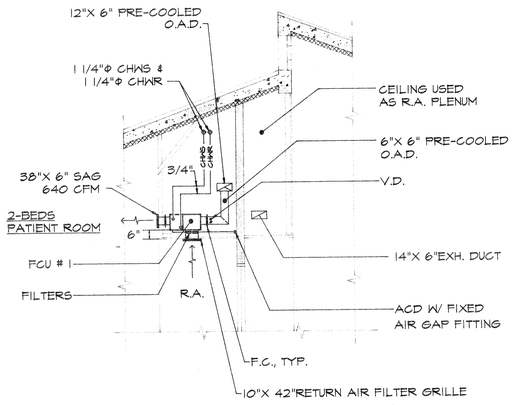
Title:
PARTIAL GROUND FLOOR A/C & VENTILATION PLAN-NURSING WING

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

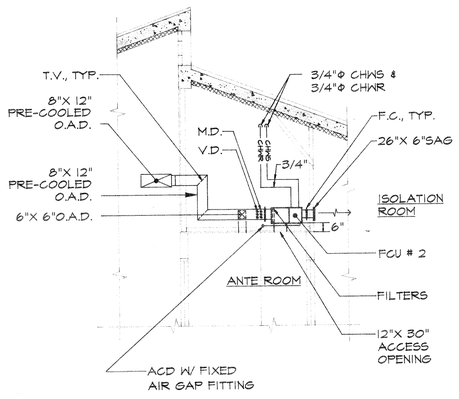
Drawing No. M2.1

Sheet No. _____ of _____

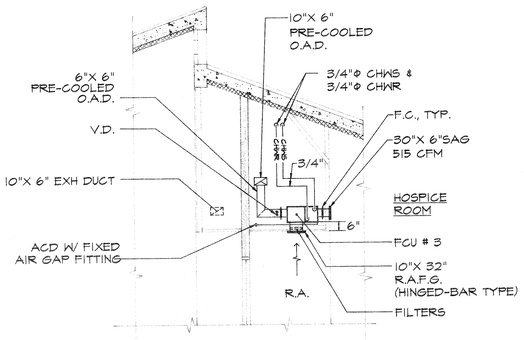
NOTE: ARRANGE PIPING, DUCTWORK AND ACCESSORIES TO PROVIDE PROPER ACCESSIBILITY TO EQUIPMENT.



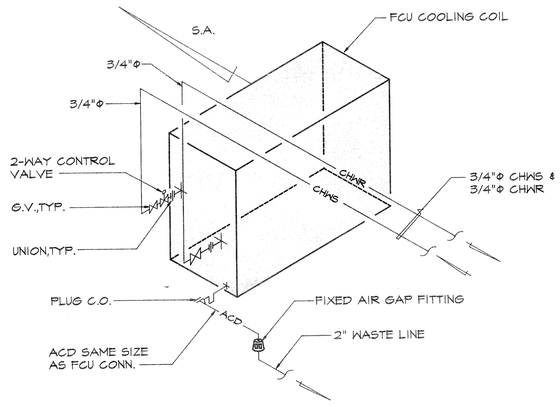
4 / M3.1 SECTION
SCALE: 1/4" = 1'-0"



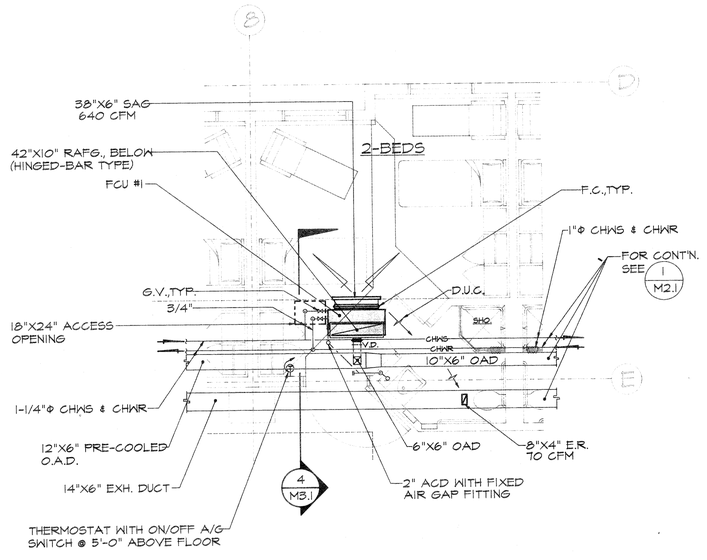
5 / M3.1 SECTION
SCALE: 1/4" = 1'-0"



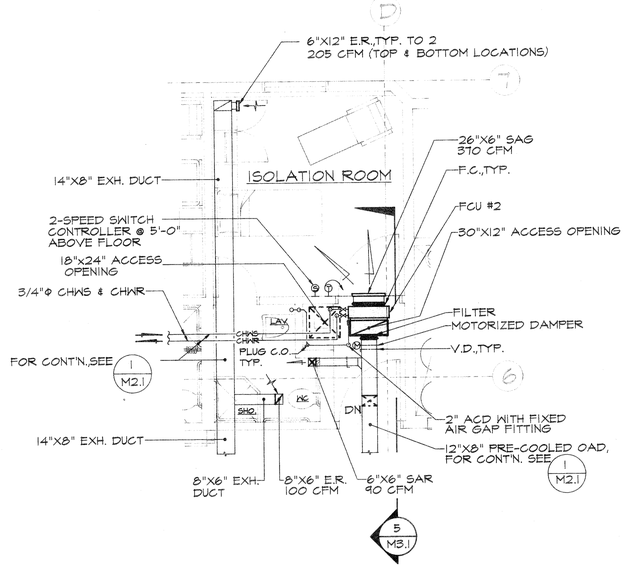
6 / M3.1 SECTION
SCALE: 1/4" = 1'-0"



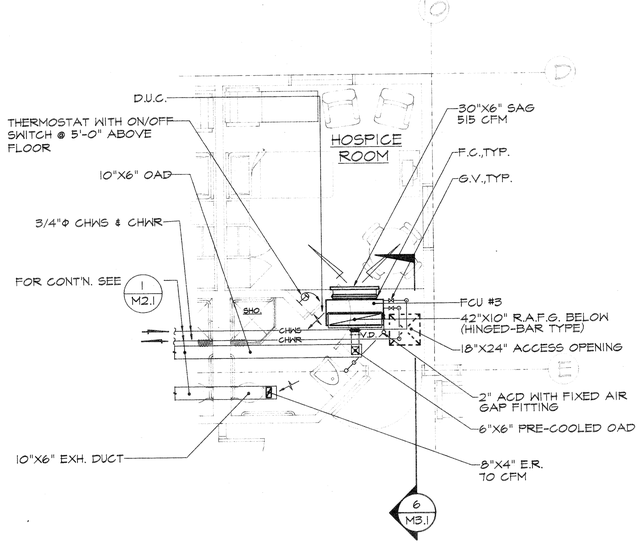
7 / M3.1 TYPICAL FCU CHW PIPING ISOMETRIC
NOT TO SCALE



1 / M3.1 2-BEDS PATIENT ROOM A/C & VENTILATION PLAN
SCALE: 1/4"=1'-0"



2 / M3.1 ISOLATION ROOM A/C & VENTILATION PLAN
SCALE: 1/4"=1'-0"



3 / M3.1 HOSPICE ROOM A/C & VENTILATION PLAN
SCALE: 1/4"=1'-0"

REVISIONS

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DATE: 2/1/13

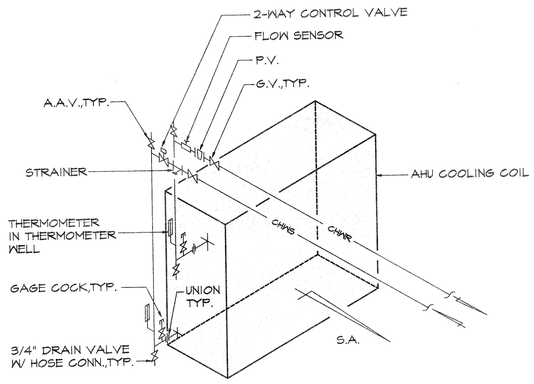
Project:
GMH
LONG TERM
CARE FACILITY

BARRIGADA, GUAM

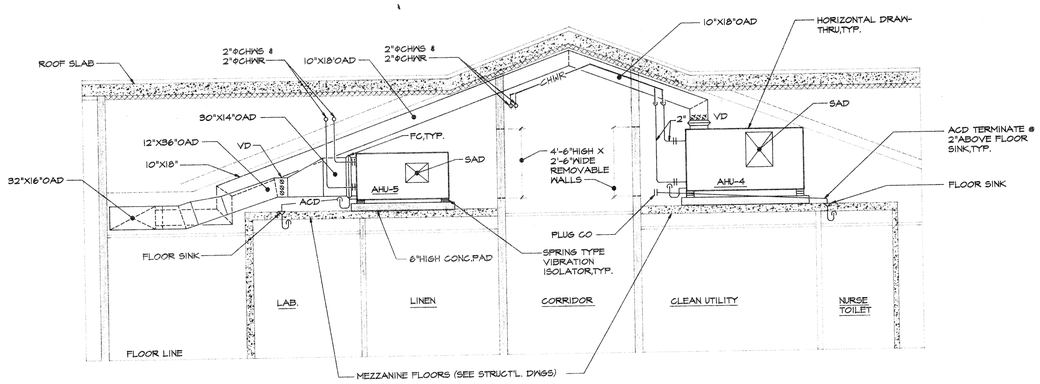
Title:
2-BEDS PATIENT ROOM, ISOLATION ROOM & HOSPICE ROOM A/C & VENTILATION PLANS, PIPING ISOMETRIC

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

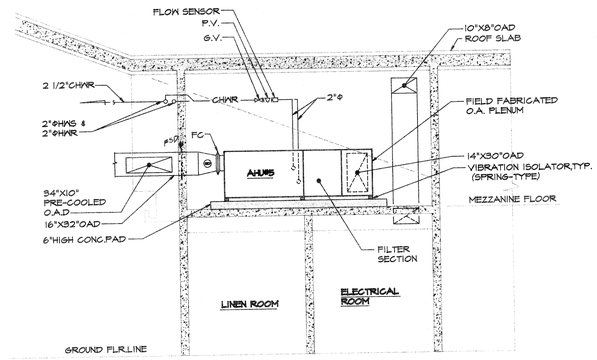
Drawing No.
M3.1
Sheet No. _____ of _____



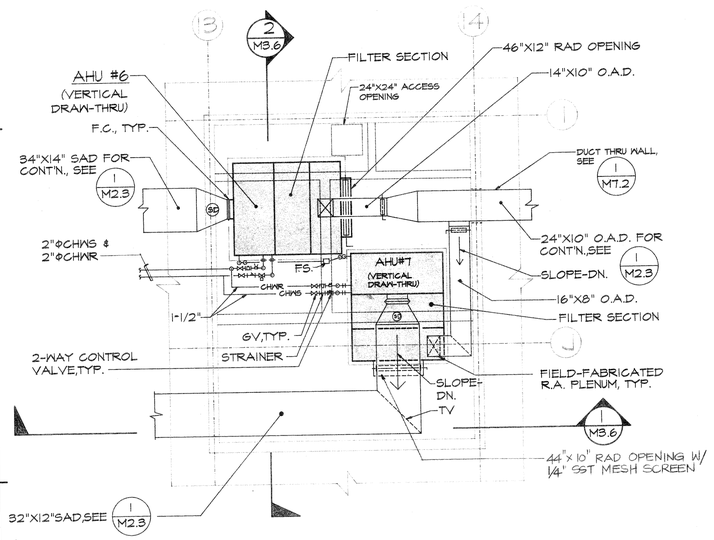
5 M3.2 TYPICAL AHU CHW PIPING ISOMETRIC
NOT TO SCALE



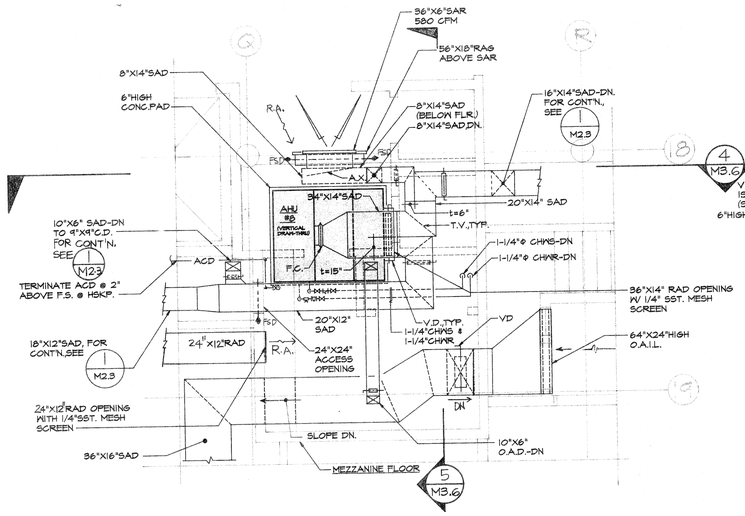
6 M3.2 SECTION
SCALE : 1/8"=1'-0"



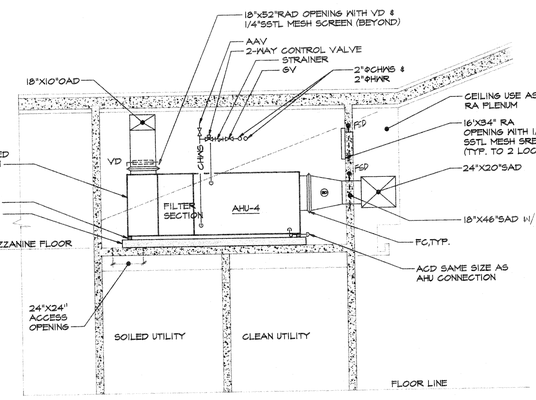
7 M3.2 SECTION
SCALE : 1/8"=1'-0"



3 M2.3 AHU MEZZANINE FLOOR PLAN - ADMIN. & IFA
SCALE: 1/4"=1'-0"

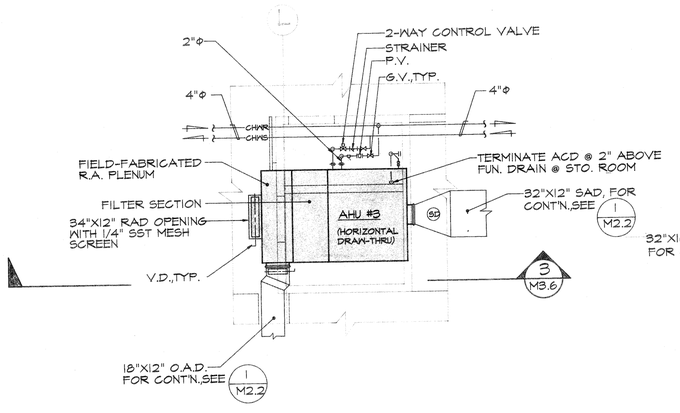


4 M3.2 AHU # 5 MEZZANINE FLOOR PLAN - RECEPTION/LOBBY
SCALE: 1/4"=1'-0"

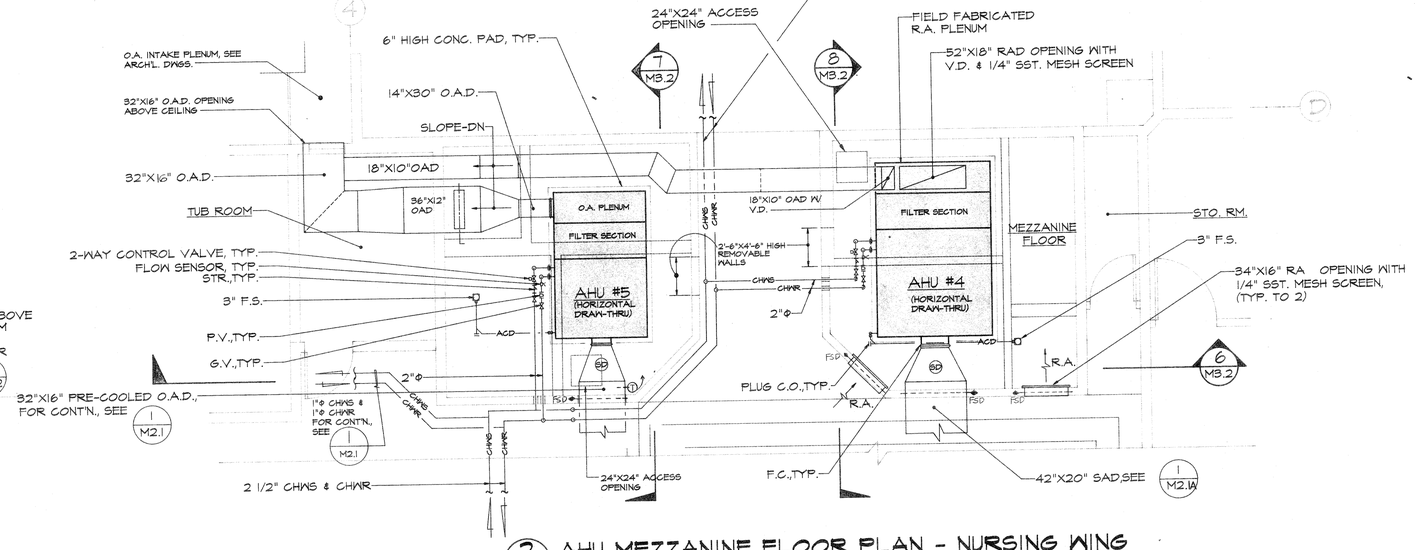


8 M3.2 SECTION
SCALE : 1/8"=1'-0"

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



1 M3.2 AHU #3 ENLARGED PLAN (CEILING HUNG)
SCALE: 1/4"=1'-0"



2 M3.2 AHU MEZZANINE FLOOR PLAN - NURSING WING
SCALE: 1/4"=1'-0"

REVISIONS

No.	Description	Date

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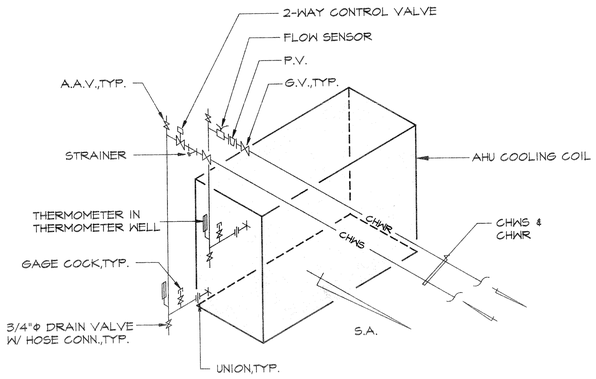
DATE: 9/5/13

Project:
GMH
LONG TERM
CARE FACILITY
BARRIGADA, GUAM

Title:
AHU MEZZANINE FLOOR PLANS, SECTIONS & ISOMETRIC PIPING & NOTE

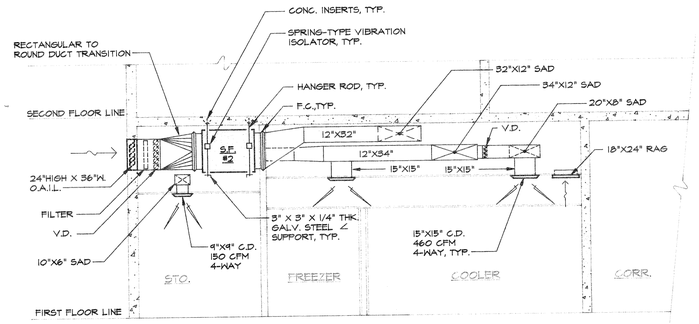
Designed:	RJP
Drawn:	JS/ARNOLD
Checked:	CGV
Supv:	CGV
Scale:	AS SHOWN
Date:	02 AUGUST 1993
Project No.	AutoCAD File

Drawing No.
M3.2
Sheet No. ____ of ____



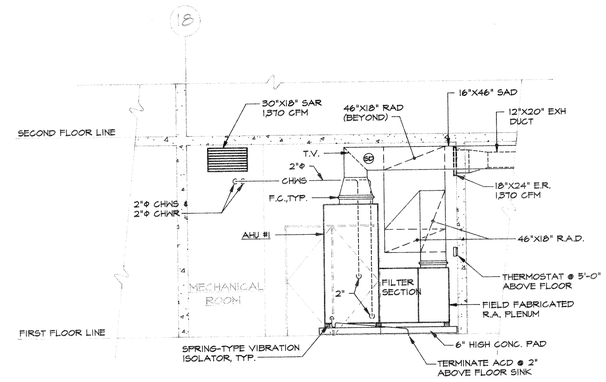
3 M3.3 TYPICAL AHU CHW PIPING ISOMETRIC

NOT TO SCALE



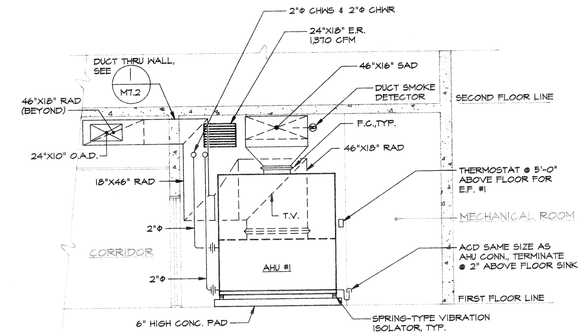
4 M3.3 SECTION

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



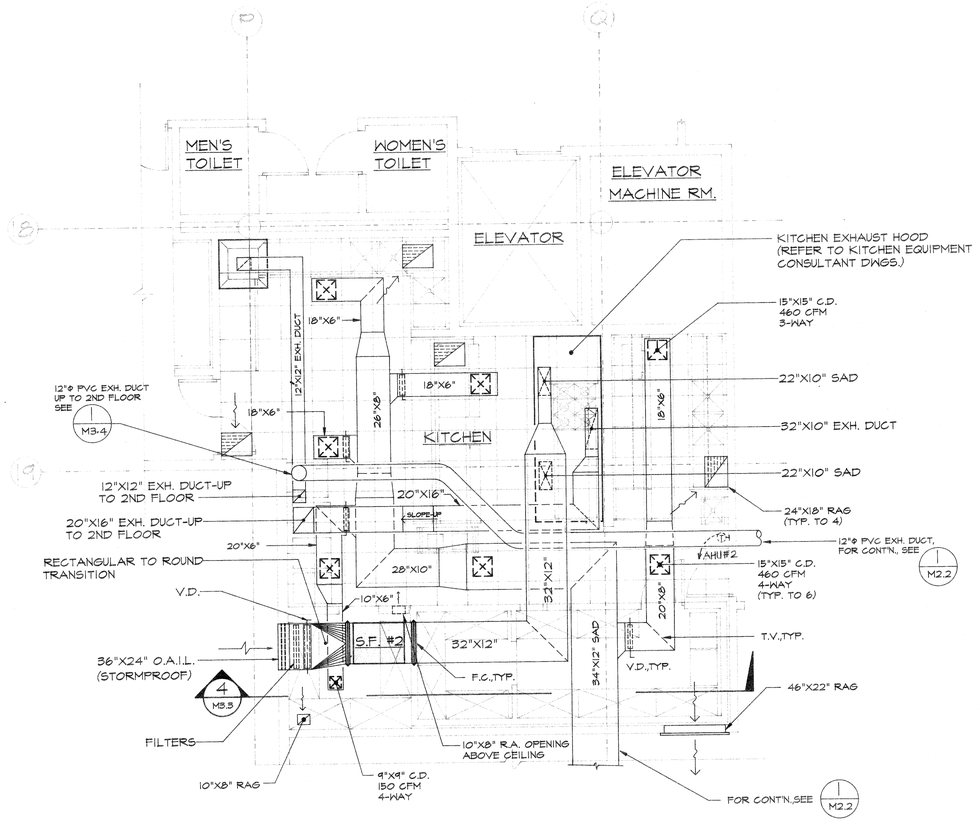
6 M3.3 SECTION

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



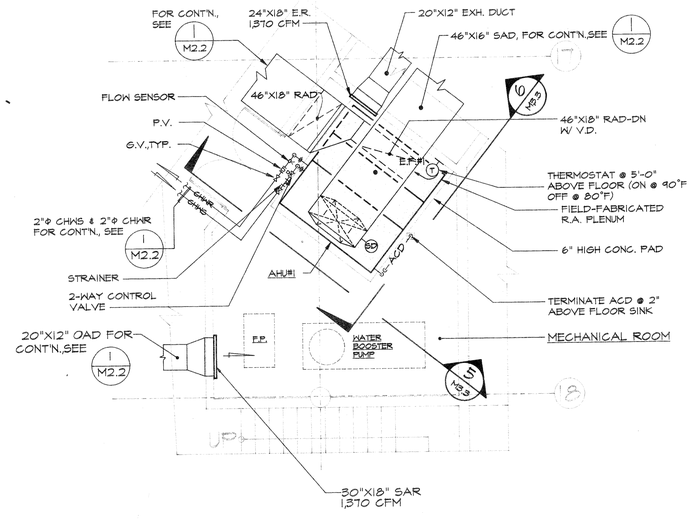
5 M3.3 SECTION

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



1 M3.3 KITCHEN A/C & VENTILATION PLAN

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



2 M3.3 MECHANICAL ROOM PLAN (GROUND FLOOR)

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

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DATE: 9/2/13

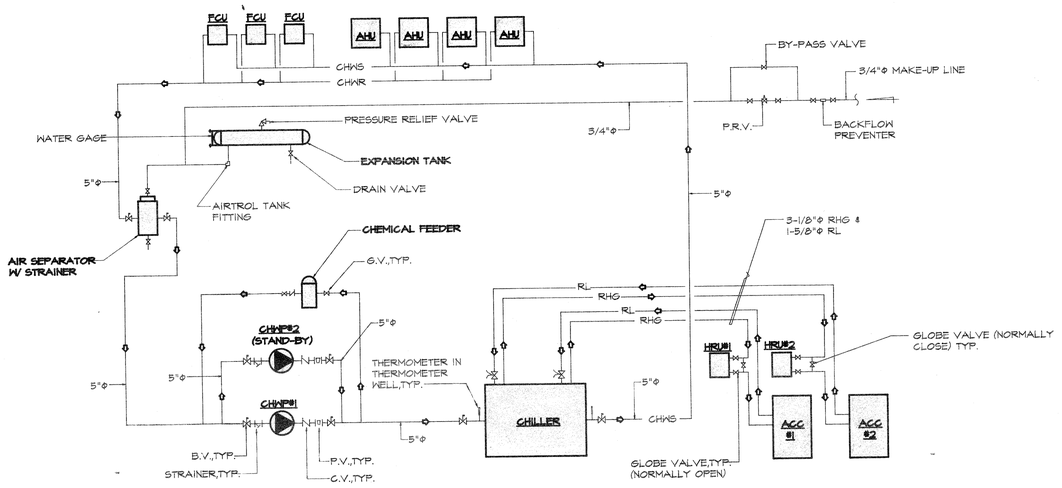
Project:
GMH
LONG TERM CARE FACILITY

BARRIGADA GUAM

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

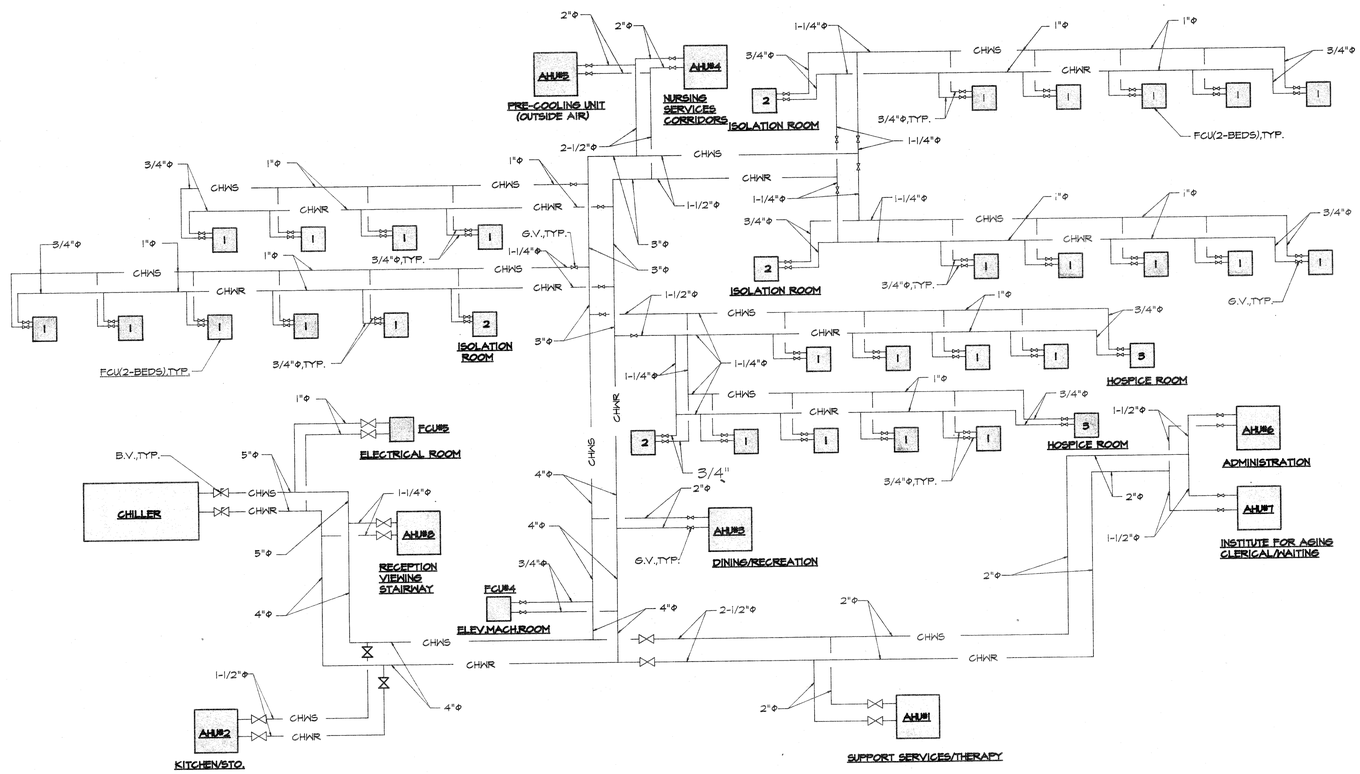
Designed:	RJP
Drawn:	JS/ARNOLD
Checked:	CGV
Supv:	RJP
Scale:	AS SHOWN
Date:	02 AUGUST 1993
Project No.	AutoCAD File

Drawing No.
M3.3
Sheet No. ____ of ____



2 / M5.1 CHILLED WATER, REFRIGERANT, & MAKE-UP WATER SCHEMATIC DIAGRAM

NOT TO SCALE



1 / M5.1 CHILLED WATER SUPPLY & RETURN SCHEMATIC DIAGRAM

NOT TO SCALE

REVISIONS		
No.	Description	Date

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DATE: 9/2/13

Project:
GMH
LONG TERM
CARE FACILITY

BARRIGADA, GUAM

Title:
CHW, REFRIGERANT, & MAKE-UP WATER PIPING DIAGRAMS

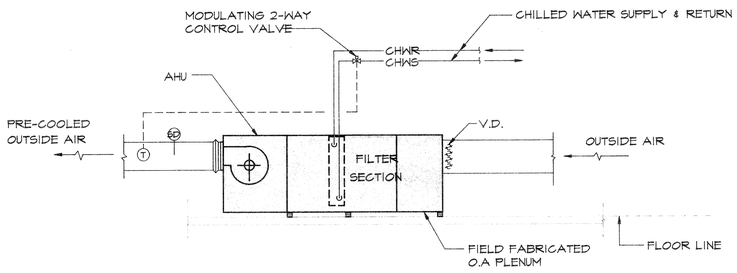
Designed:	R_JP
Drawn:	ARNOLD
Checked:	CGV
Supv:	R_JP
Scale:	NONE
Date:	
Project No.	AutoCAD File

Drawing No.
M5.1

Sheet No. _____ of _____

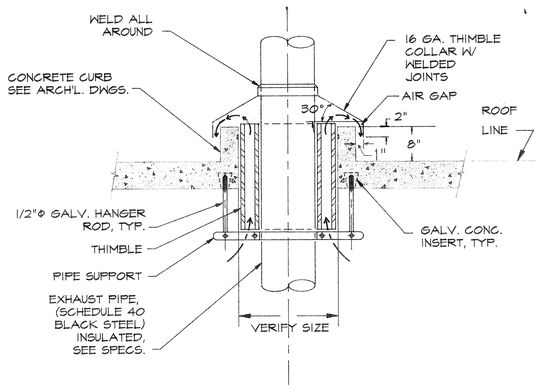
SEQUENCE OF OPERATION :

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 (T) OPERATING 2-WAY CONTROL VALVE TO MAINTAIN PRE-COOLED OUTSIDE AIR AT 75°F ± 2°F
3. SMOKE DETECTOR (SD) SHALL TURN-OFF AHU WHEN PRODUCTS OF COMBUSTION ARE DETECTED IN AIR STREAM.

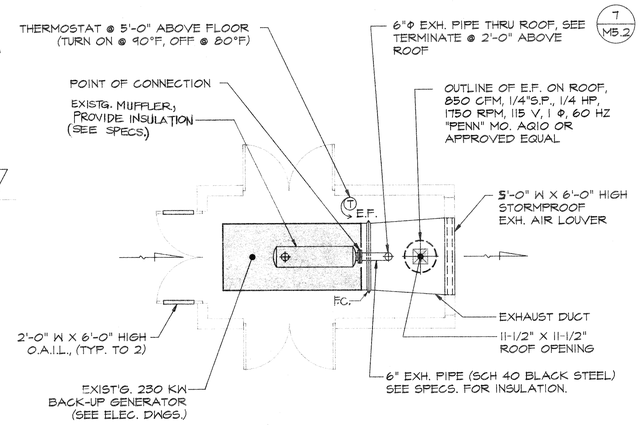


NOTE: FOR AHU#5 (PRE-COOLING UNIT)

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



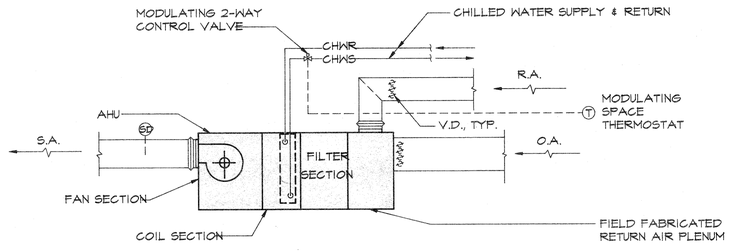
7 / M5.2 EXHAUST PIPE THRU ROOF DETAIL
NOT TO SCALE



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

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.

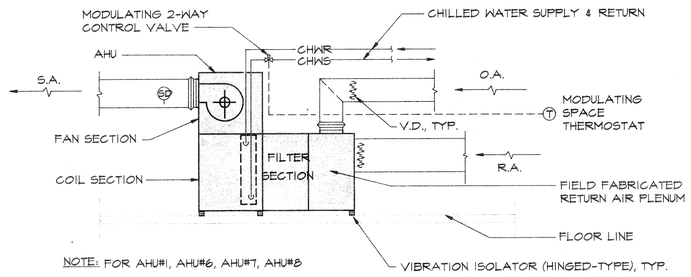


NOTE: FOR AHU#2, AHU#3, AHU#4

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

SEQUENCE OF OPERATION :

1. 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 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.

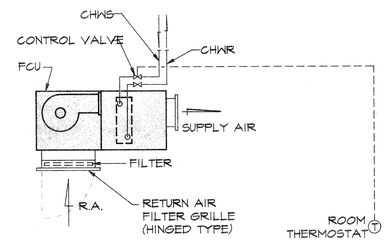


NOTE: FOR AHU#1, AHU#6, AHU#7, AHU#8

1 / M5.2 TYPICAL AHU TEMPERATURE CONTROL SCHEMATIC DIAGRAM
NOT TO SCALE

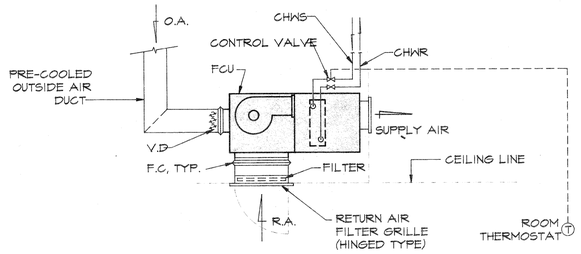
SEQUENCE OF OPERATION:

1. FAN COIL UNIT (FCU) 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#4 & FCU#5

5 / M5.2 TEMPERATURE CONTROL SCHEMATIC DIAGRAM
NOT TO SCALE



SEQUENCE OF OPERATION:

1. 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 / M5.2 TEMPERATURE CONTROL SCHEMATIC DIAGRAM
NOT TO SCALE

REVISIONS

No.	Description	Date

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COLORADO C. VALDEZ CERTIFIED No. 209 TERRITORY OF GUAM REGISTERED PROFESSIONAL ENGINEER

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DATE: 8/2/13

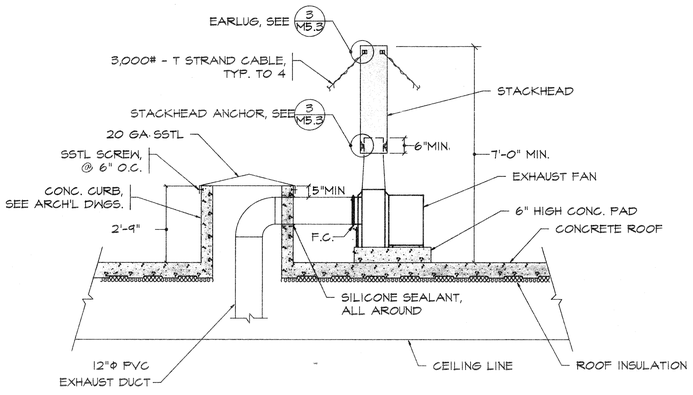
Project:
GMH
LONG TERM
CARE FACILITY

BARRIGADA, GUAM

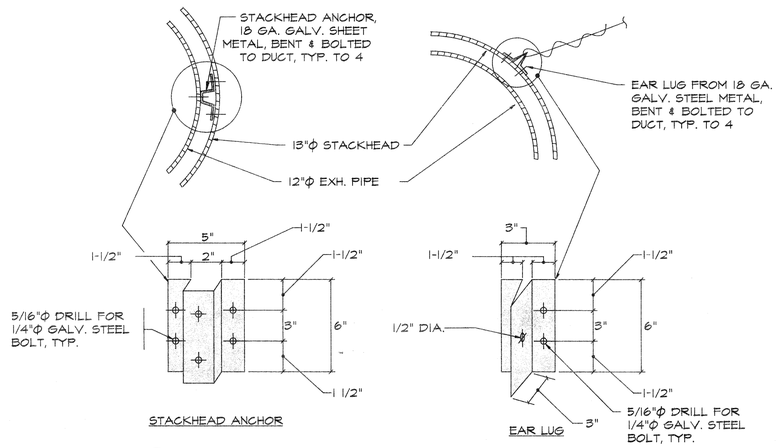
Title:
SCHEMATIC CONTROL DIAGRAMS, BACK-UP GENERATOR PLAN & DETAIL

Designed:	RJP
Drawn:	ARNOLD
Checked:	CGV
Supv:	RJP
Scale:	NONE
Date:	2 AUGUST 13
Project No.	AutoCAD File

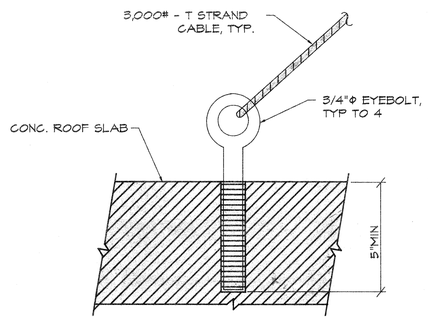
Drawing No.
M5.2
Sheet No. _____ of _____



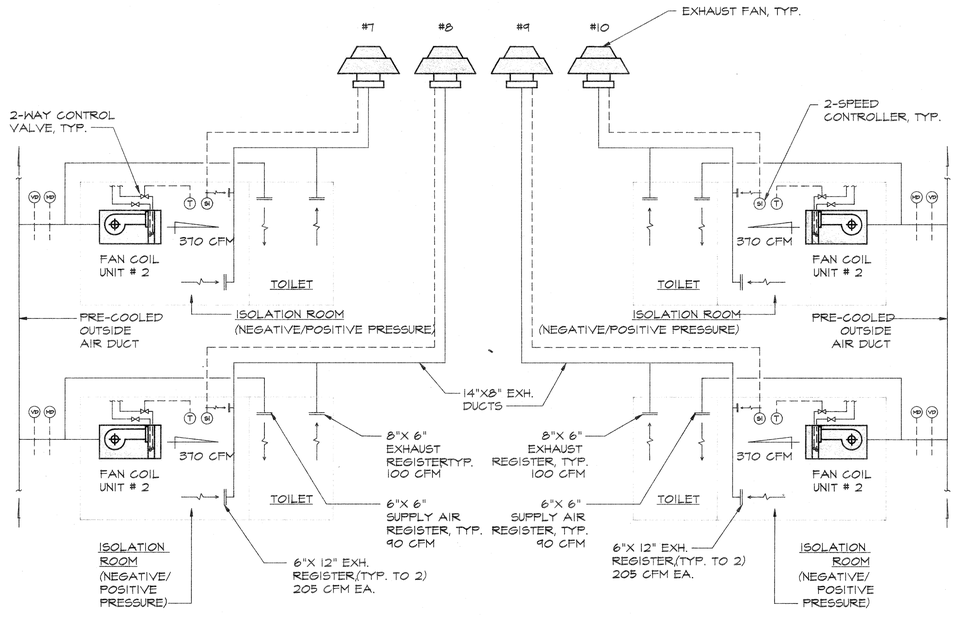
2 / M5.3 TYPICAL FUME HOOD EXHAUST DUCT INST. DETAIL
NOT TO SCALE



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



4 / M5.3 CABLE ANCHOR DETAIL
NOT TO SCALE



1 / M5.3 ISOLATION ROOM AIR CONDITIONING & VENTILATION SCHEMATIC CONTROL DIAGRAM
NOT TO SCALE

SEQUENCE OF OPERATION:

1. TWO-SPEED EXHAUST FANS SHALL BE STARTED/STOPPED MANUALLY THRU THEIR RESPECTIVE SWITCHES (S). 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 75F ± 2F 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".

REVISIONS

No.	Description	Date

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CONRADO G. VALES CERTIFICATE No.209 TERRITORY OF GUAM REGISTERED PROFESSIONAL ENGINEER

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

BARRIGADA, GUAM

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

Sheet No. _____ of _____

SCHEDULE OF EQUIPMENT.:

RECIPROCATING CHILLERS (CH)

MARK	NOMINAL TONS	CHILLER DATA				FOULING FACTOR	ELECTRICAL DATA					REMARKS
		GPM	EWT°F	LWT°F	P.D.FT		KW	VOLTS	PHASE	CYCLE	RLA	
CH # 1	145	290	54	42	10	0.0005	193	460	3	60	5 @ 61	"CARRIER" MO. 30HS 195 OR APPROVED EQUAL

AIR COOLED CONDENSERS (ACC)

MARK	TOTAL HEAT REJECTION	MAXIMUM AMBIENT TEMPERATURE	CONDENSING TEMPERATURE	FAN MOTOR					ELECTRICAL CHARACTERISTICS	REMARKS
				QTY	FLA	VOLTS	PHASE	CYCLE		
ACC #1	100.0 TONS	90°F	125°F MAX.	6	3.3	460	1	60	460V-3Φ-60HZ	"CARRIER" MO.09 DE 084 OR APPROVED EQUAL
ACC #2	112.6 TONS	90°F	125°F MAX.	2	3.3	460	1	60	460V-3Φ-60HZ	"CARRIER" MO.09 DE 098 OR APPROVED EQUAL
				6	3.0	460	3	60		

HEAT RECOVERY UNIT (HRU)

MARK	NOMINAL CAPACITY TONS	WATER TEMP.		WATER GPM	NOMINAL HEAT TRANSFER (BTU/HR)	REMARKS
		IN°F	OUT°F			
HRU #1	80	80	140	20	432,000	"NES" MO. E-341-80 OR APPROVED EQUAL
HRU #2	80	80	140	20	432,000	"NES" MO. E-341-80 OR APPROVED EQUAL

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

PUMPS

MARK	SERVICE	GPM	HEAD, FT.	RPM	HP	ELECT. DATA			REMARKS
						VOLTS	PHASE	CYCLE	
CHWP #1	CHILLER	290	80	1750	10	460	3	60	"PACO" MO. 3095-T, 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.3-481-10A OR APPROVED EQUAL
J.P.	JOCKEY PUMP	10	240	3500	2	460	3	60	"AURORA" MO.JP-242-10 & PUMP SIZE FOR OR APPROVED EQUAL
BOOSTER SYSTEM	LEAD PUMP	33	130	3500	3	460	3	60	"PACOFLO" MO. 9000 TYPE ES TRIPLEX WITH 120 GALLONS HYDROPNEUMATIC TANK
	MAIN PUMP #1	66	130	3500	5	460	3	60	
	MAIN PUMP #2	66	130	3500	5	460	3	60	
HWCP #1	HOT WATER CIRCULATING PUMP	20	20	1750	1/2	115	1	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	1	60	"BELL & GOSSETT" MO. PD-355 OR APPROVED EQUAL
HWRCP#2	(STAND-BY)	15	20	1750	1/2	115	1	60	"BELL & GOSSETT" MO. PD-355 OR APPROVED EQUAL

AIR HANDLING UNIT (AHU)

MARK	SUPPLY AIR, CFM	OUTSIDE AIR, CFM	EXT. S.P.	COOLING CAPACITY		AIR ENTERING		CHW DATA			FAN MOTOR				SERVICE	REMARKS
				TOTAL,BTU/HR	SENSIBLE,BTU/HR	DB °F	WB °F	GPM	T-IN °F	MAX P.D. FT OF H_2O	HP	VOLTS	PHASE	CYCLE		
AHU #1	7,420	1,570	1.5	294,720	187,010	77.1	66.6	49	42	10	7-1/2	460	3	60	SUPPORT SERVICES	"CARRIER" MO. 39EI7 OR APPROVED EQUAL
AHU #2	4,120	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 #3	3,000	1,440	1.5	162,301	81,100	80.5	71.8	27	42	10	3	460	3	60	DINNING/REC	"CARRIER" MO. 39E08 OR APPROVED EQUAL
AHU #4	8,610	1,130	1.5	264,925	192,555	76.4	65.5	44	42	10	7-1/2	460	3	60	NURSING SERVICES	"CARRIER" MO. 39EI7 OR APPROVED EQUAL
AHU #5	3,510	3,510	1.5	204,425	96,170	88.0	78.0	34	42	10	5	460	3	60	PRE-COOLED UNIT	"CARRIER" MO. 39E08 OR APPROVED EQUAL
AHU #6	4,160	835	1.5	151,300	98,755	76.8	66.5	25	42	10	3	460	5	60	ADMINISTRATION	"CARRIER" MO. 39E08 OR APPROVED EQUAL
AHU #7	3,000	675	1.5	113,110	71,280	77.5	67.2	19	42	10	3	460	3	60	MEDICAL/ DENTIST	"CARRIER" MO. 39E08 OR APPROVED EQUAL
AHU #8	3,900	195	1.5	94,740	82,250	75.5	63.6	16	42	10	3	460	5	60	REGEPTION/ LOBBY	"CARRIER" MO. 39E08 OR APPROVED EQUAL

FAN COIL UNIT (FCU)

MARK	SUPPLY AIR, CFM	OUTSIDE AIR, CFM	EXT. S.P.	COOLING CAPACITY		AIR ENTERING		CHW DATA			FAN MOTOR				SERVICE	REMARKS
				TOTAL,BTU/HR	SENSIBLE,BTU/HR	DB °F	WB °F	GPM	T-IN °F	MAX P.D. FT OF H_2O	HP EACH	VOLTS	PHASE	CYCLE		
FCU #1	640	70	0.15	13,210	12,700	75.0	63.0	2.2	42	5	1/6	115	1	60	ALL 2-BEDS ROOM	"CARRIER" MO.42CE SIZE 08 OR APPROVED EQUAL
FCU #2	370	370	0.15	8,010	7,760	75.0	62.5	1.3	42	7.5	1/12	115	1	60	ALL ISOLATION ROOMS	"CARRIER" MO.42CE SIZE 04 OR APPROVED EQUAL
FCU #3	515	70	0.15	11,280	10,770	75.0	62.6	2.0	42	5	1/6	115	1	60	ALL HOSPICE ROOMS	"CARRIER" MO.42CE SIZE 06 OR APPROVED EQUAL
FCU #4	900		0.15	18,060	18,060	75.0	62.6	3.0	42	5	1/12	115	1	60	ELEVATOR MACHINE RM.	"CARRIER" MO.42CE SIZE 10 OR APPROVED EQUAL
FCU #5	2,250		0.15	45,075	45,075	75.0	62.6	7.5	42	5	1	115	1	60	ELECTRICAL ROOM	"CARRIER" MO.42BH SIZE 30 OR APPROVED EQUAL

FANS AND VENTILATORS

MARK	SERVICE	CFM	SP IN WG.	RPM	HP OR WATT	TYPE	ELECT. DATA			REMARKS
							VOLTS	PHASE	CYCLE	
E.F #1	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
E.F #2	MEN'S SHOWER/TOILETS	320	1/4	1080	147W.	IN-LINE FAN	115	1	60	"PENN" MO. Z10 OR APPROVED EQUAL
E.F #3	WOMEN'S SHOWER/TOILETS	360	1/4	1080	147W.	IN-LINE FAN	115	1	60	"PENN" MO. Z10 OR APPROVED EQUAL
E.F #4	SOILED LINEN (GROUND FLR.)	160	1/4	1050	51 W.	IN-LINE FAN	115	1	60	"PENN" MO. ZBTDA OR APPROVED EQUAL
E.F #5	HAZARD STO. (GROUND FLR.)	200	1/4	1110	130 W	IN-LINE FAN	115	1	60	"PENN" MO. Z8I OR APPROVED EQUAL
E.F #6	MENS/NOMENS TOILETS	120	1/4	1050	51 W.	IN-LINE FAN	115	1	60	"PENN" MO. Z8 OR APPROVED EQUAL
E.F #7 TO E.F #10	ISOLATION RMS.	510 EA. 255 *	3/8	1700	1/6 EA.	ROOF VENTILATOR	115	1	60	"PENN" MO. XQ94L OR APPROVED EQUAL
E.F #11	(NURSING WING) PATIENT RM.TOILETS	1,130	1/2	1750	1/3	ROOF VENTILATOR	115	1	60	"PENN" MO. AQ20 OR APPROVED EQUAL
E.F #12	(NURSING WING) PATIENT RM.TOILETS	1,230	1/2	1750	1/3	ROOF VENTILATOR	115	1	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
E.F #14	MECHANICAL RM. (2ND FLR.)	5,390	3/8	470	1	ROOF VENTILATOR	460	3	60	"PENN" MO. RB30 OR APPROVED EQUAL
E.F #15	MENS/NOMENS TOILETS (2ND FLR.)	120	1/4	1050	51 W.	CEILING MTD. FAN	115	1	60	"PENN" MO. ZBTDA OR APPROVED EQUAL
E.F #16 E.F #17	MENS/NOMENS TOILET (ADMIN.)	90 EA.	1/4 EA.	1580 EA.	50 W EA.	IN-LINE FAN	115	1	60	"PENN" MO. Z5 OR APPROVED EQUAL
E.F #18	GENERATOR RM.	3,800	1/2	985	1	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	1	60	"PENN" MO. AQ20 OR APPROVED EQUAL
E.F #20	RECREATION RM. TOILET	50	1/4	1580	50W.	CEILING FAN	115	1	60	"PENN" MO. Z5 OR APPROVED EQUAL
S.F #1	MECHANICAL RM. (GROUND FLR.)	1,370	1/2	1750	3/4	IN-LINE FAN	460	3	60	"PENN" MO. SX105QA OR APPROVED EQUAL
S.F #2	KITCHEN HOOD	2,880	1/2	670	3/4	IN-LINE FAN	460	3	60	"PENN" MO. SX225BA OR APPROVED EQUAL
S.F #3	MECHANICAL RM. (2ND FLR.)	5,400	1/2	920	2	IN-LINE FAN	460	3	60	"PENN" MO. SX225BA OR APPROVED EQUAL
S.F #4	CHEMO ROOM	890	3/8	1165	1/4	IN-LINE FAN	115	1	60	"PENN" MO. SX105TA OR APPROVED EQUAL

* LOW SPEED CFM

REVISIONS

No.	Description	Date

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CONRADO G. VALES CERTIFICATE No. 2091 TERRITORY OF GUAM REGISTERED PROFESSIONAL ENGINEER

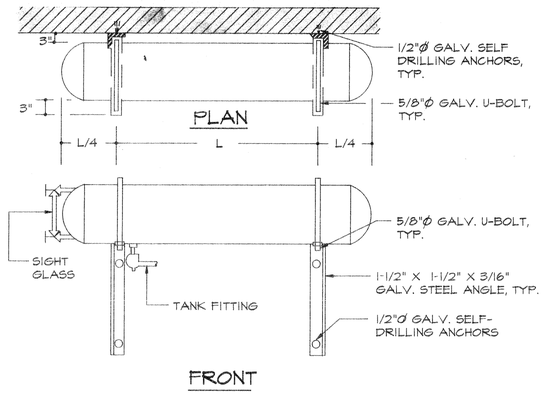
I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION
DATE: 9/5/13

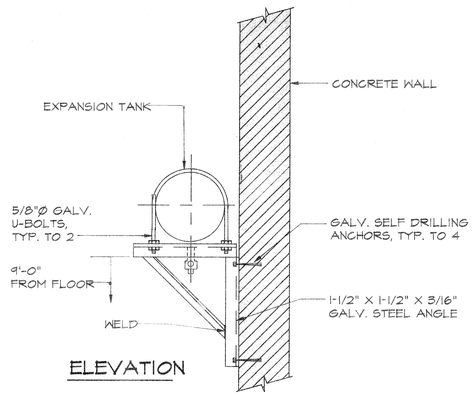
Project:
GMH
LONG TERM
CARE FACILITY
BARRIGADA, GUAM

Title:
SCHEDULE OF EQUIPMENT

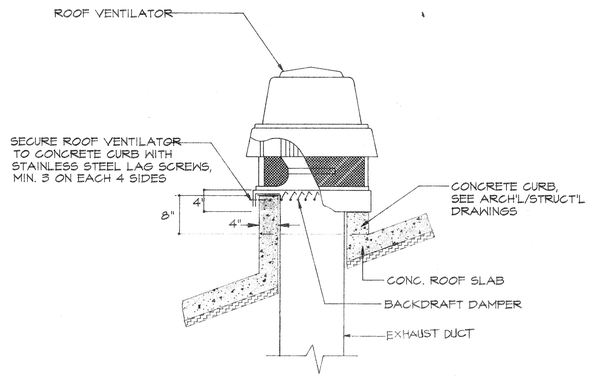
Designed: RJP
Drawn: ARNOLD
Checked: CGV
Supv: RJP
Scale: NONE
Date: 02 AUGUST 1993
Project No. | AutoCAD File

Drawing No.
M6.1
Sheet No. ____ of ____





3 MT.1 EXPANSION TANK MTG. DETAIL
NOT TO SCALE



8 MT.1 ROOF VENTILATOR INSTALL. DETAIL
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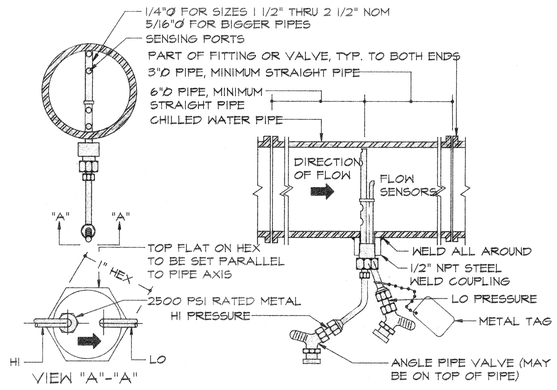

2 MT.1 CHW FLOW SENSOR INSTALL. DETAIL
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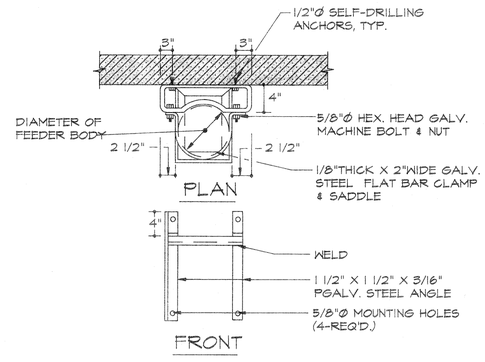

5 MT.1 CHEMICAL FEEDER BRACKET DETAIL
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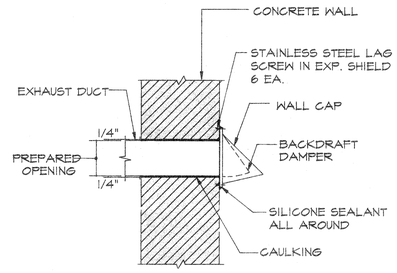
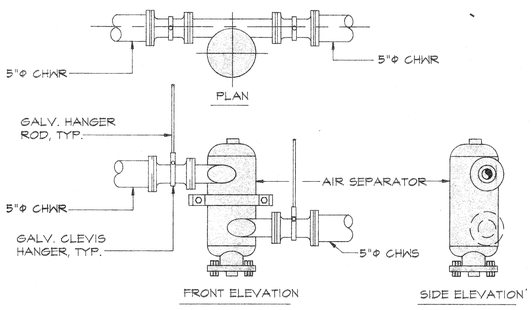


7 MT.1 EXHAUST FAN WALL CAP DETAIL
NOT TO SCALE



1 MT.1 AIR SEPARATOR TANK MTG. DETAIL
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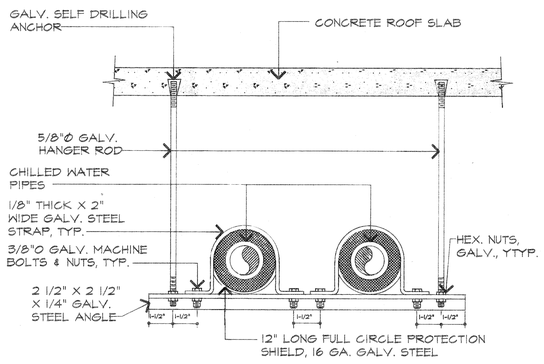

4 MT.1 TRAPEZE PIPE HANGER
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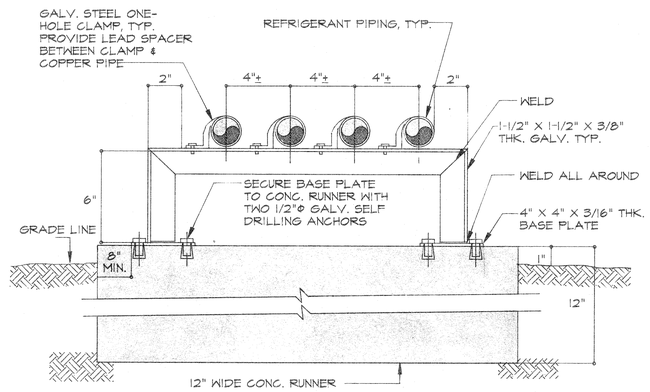

6 MT.1 PIPE SUPPORT ON GRADE
NOT TO SCALE

REVISIONS

No.	Description	Date

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EDWARD G. TALEY CERTIFICATE No.209 TERRITORY OF GUAM REGISTERED PROFESSIONAL ENGINEER

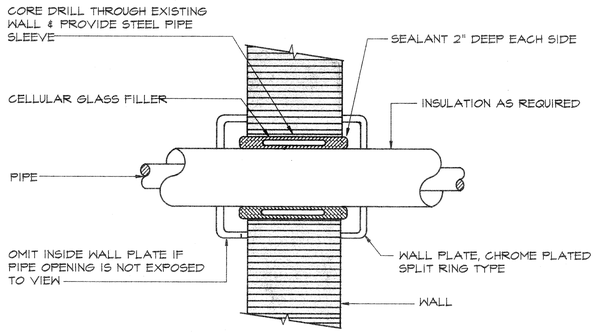
I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION
DATE: 12/13

Project:
GMH
LONG TERM CARE FACILITY
BARRIGADA, GUAM

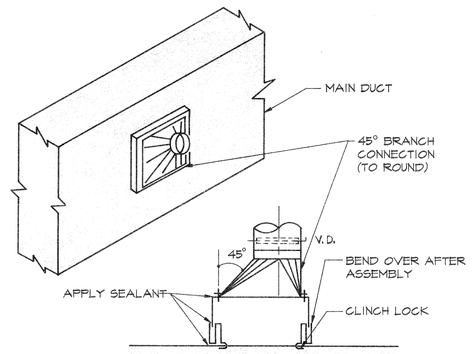
Title:
MISCELLANEOUS DETAILS

Designed: RJP
Drawn: PG/ARNOLD
Checked: CGV
Supv: RJP
Scale: NONE
Date:
Project No. | AutoCAD File

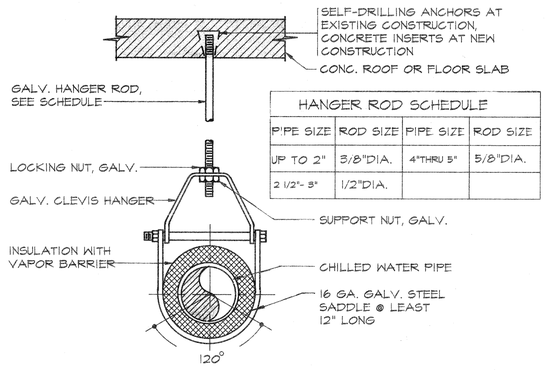
Drawing No.
M7.1
Sheet No. ____ of ____



3 PIPE THRU WALL DETAIL
M7.2 NOT TO SCALE

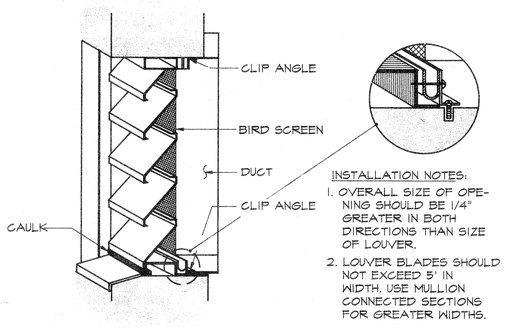


6 FLEXIBLE DUCT INSTALL. DETAIL
M7.2 NOT TO SCALE



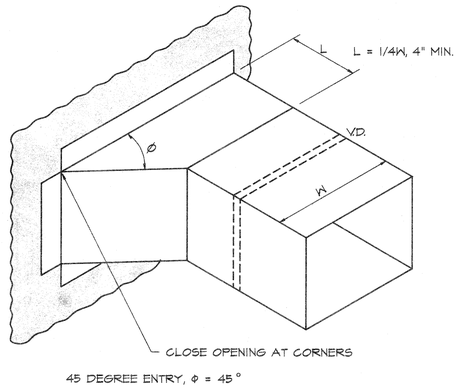
HANGER ROD SCHEDULE			
PIPE SIZE	ROD SIZE	PIPE SIZE	ROD SIZE
UP TO 2"	3/8"DIA.	4"THRU 5"	5/8"DIA.
2 1/2"- 3"	1/2"DIA.		

7 CLEVIS PIPE HANGER DETAIL
M7.2 NOT TO SCALE



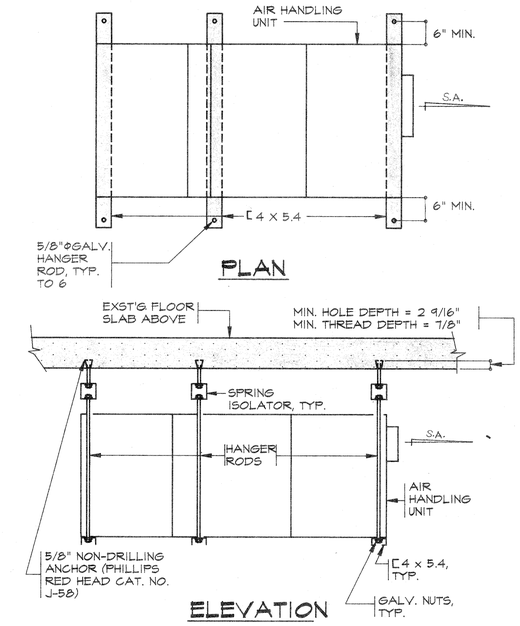
INSTALLATION NOTES:
1. OVERALL SIZE OF OPENING SHOULD BE 1/4" GREATER IN BOTH DIRECTIONS THAN SIZE OF LOUVER.
2. LOUVER BLADES SHOULD NOT EXCEED 5' IN WIDTH. USE MULLION CONNECTED SECTIONS FOR GREATER WIDTHS.
3. CAULKING AS SPECIFIED.

2 EXH. LOUVER INSTALL. DETAIL
M7.2 NOT TO SCALE

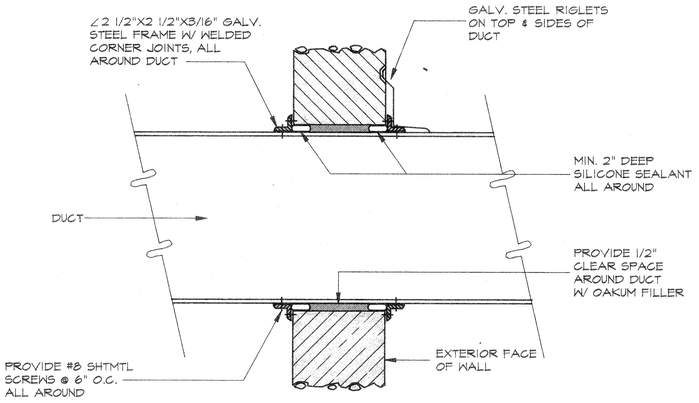


45 DEGREE ENTRY, Ø = 45°

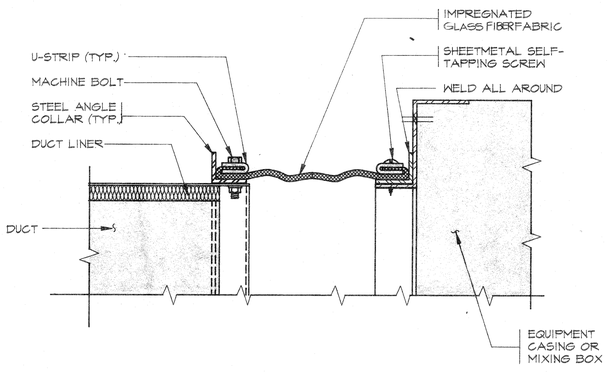
5 BRANCH CONNECTION DETAIL
M7.2 NOT TO SCALE



8 AHU INSTALLATION DETAIL
M7.2 NOT TO SCALE



1 DUCT THRU WALL DETAIL
M7.2 NOT TO SCALE



4 FLEXIBLE DUCT CONNECTION
M7.2 NOT TO SCALE

REVISIONS

No.	Description	Date

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CONRADO G. VALDEZ CERTIFICATE OF REGISTRATION No.209 TERRITORY OF GUAM REGISTERED PROFESSIONAL ENGINEER

I HEREBY CERTIFY THAT THIS PLAN WAS PREPARED BY ME OR UNDER MY DIRECT SUPERVISION
DATE: 5/23

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.
M7.2
Sheet No. _____ of _____