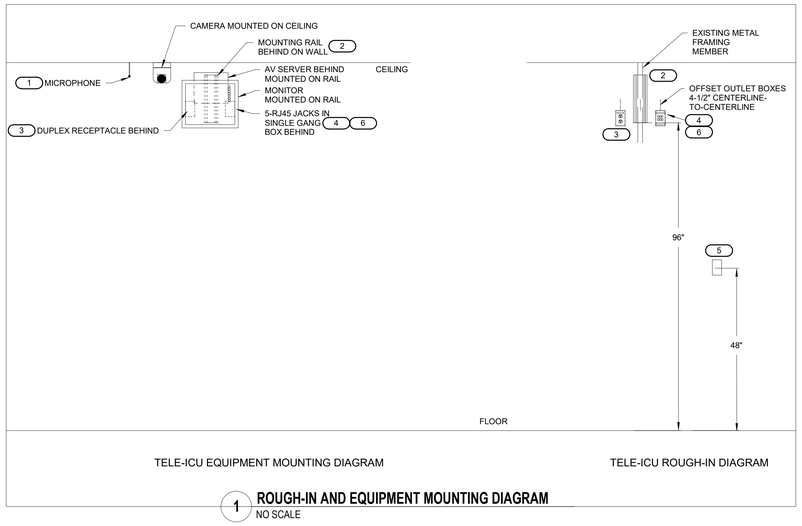
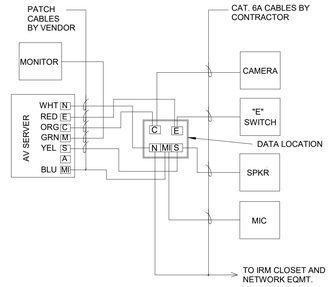


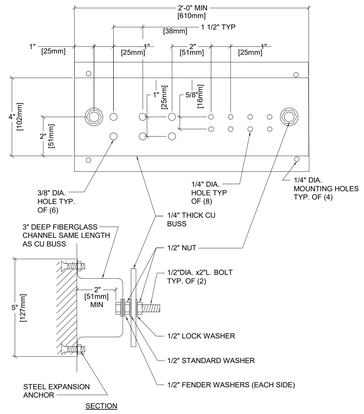
1 ROUGH-IN AND EQUIPMENT MOUNTING DIAGRAM
NO SCALE

NOTES:

1. VA-FURNISHED/CONTRACTOR-INSTALLED CAMERA AND MICROPHONE. SECURE TO CEILNG TILE WITH TOGGLE ANCHORS. CAMERA AND MIC PROVIDED BY OTHERS.
2. INSTALL A 12" GCX WALL RAIL FOR AV SERVER AND MONITOR MOUNTING. SECURE TO EXISTING WALL STUD. MONITOR AND SERVER PROVIDED AND INSTALLED BY OTHERS.
3. EMERGENCY POWER RECEPTACLES.
4. 5-PORT DATA WALL OUTLET IN DOUBLE GANG BOX WITH SINGLE GANG MUDRING AND (1) 1-1/4"C. TO ABOVE ACCESSIBLE CEILING. LOCATION TO SUPPORT SPEAKER (YELLOW), E-LERT SWITCH (RED), NETWORK (WHITE), CAMERA (ORG) AND MICROPHONE (BLUE.) PROVIDE AND INSTALL CAT 6A CABLE FROM EACH AS SHOWN ON WIRING DIAGRAM DETAIL 2/E104.
5. SINGLE GANG BOX FOR eLERT BUTTON WITH (1) 3/4"C TO ABOVE ACCESSIBLE CEILING. POSITION 4' AFF. DRAWINGS SHOW APPROXIMATE LOCATION. COORDINATE LOCATION WITH VA PROJECT MANAGER.
6. PROVIDE CAT 6A CABLE FROM JACK NEAR AV SERVER AND TERMINATE AT ELERT SWITCH. VERIFY EXACT CONNECTION TYPE. AV SERVER DATA PLUG IS RED. SEE DETAIL 2/E104 FOR ADDITIONAL INFORMATION.



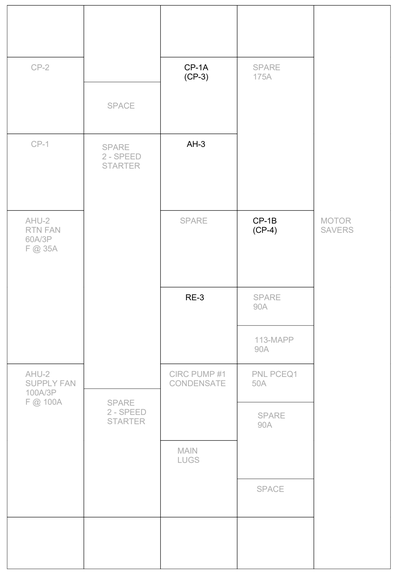
2 TELE-ICU WIRING DIAGRAM
NO SCALE



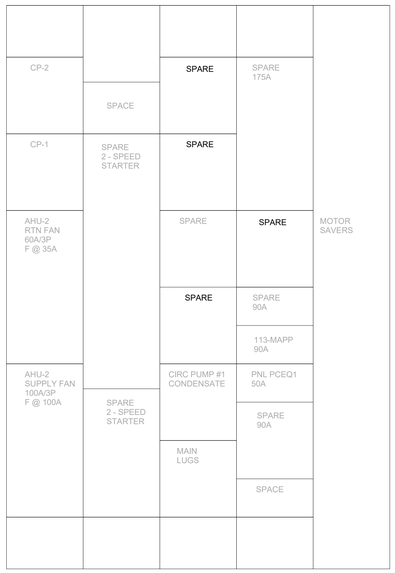
GENERAL NOTES

1. ALL HARDWARE SHOWN SHALL BE STAINLESS STEEL.
2. PROVIDE 1 MOUNTING POINT PER 12" OF BAR LENGTH.
3. HOLES MAY BE ADDED IF REQUIRED.

3 TELECOMMUNICATIONS ROOM GROUND BAR DETAIL (TYPICAL OF RM. 250 & RM. 252)
NO SCALE



4 EXISTING MOTOR CONTROL CENTER PMCCEQ
1/4" = 1'-0"



5 REVISED MOTOR CONTROL CENTER PMCCEQ
1/4" = 1'-0"

Revision#	Description	Date:

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
ELECTRICAL DETAILS	BID DOCUMENTS	RENOVATE AND CONSOLIDATE INPATIENT FUNCTIONS	VA #568-14-110 WPE #BR21020
Approved:	FULLY SPRINKLERED	Location: FORT MEADE, SOUTH DAKOTA	Building Number: 113
		Issue Date: 06/10/2022 · Checked: MRS · Drawn: VLS	Drawing Number: EJ102

VA FORM 08 - 6231

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1SC2

VOLTS:	120/208 Wye	PHASES:	3	WIRE:	4
AIC RATING:		LOCATION:	ELEC EC1G	MAIN CAPACITY:	100 A
MOUNTING:	SURFACE	FEEDER SIZE:	SEE ELECTRICAL ONE-LINE DIAGRAM	MAIN CONNECTION:	MLO
				MAIN TYPE:	TYPE 1

CKT	ITEM FED	WIRE SIZE	AMPS	POLES	A (WATTS)		B (WATTS)		C (WATTS)		POLES	AMPS	WIRE SIZE	ITEM FED	CKT
1	WORK RM 187DA REC	12	20 A	1	0	0					1	20 A	12	LIFE SUPPORT REC	2
3	WORK RM 187DA REC	12	20 A	1			0	0			1	20 A	12	LIFE SUPPORT REC	4
5	MAS 187D REC	12	20 A	1					0	0	1	20 A	12	MED COL LIFE SUPPORT	6
7	MAS 187E REC	12	20 A	1	0	0					1	20 A	12	VIEW BOX LIFE SUPPORT REC	8
9	NURSE CALL	12	20 A	1			0	0			1	20 A	12	CRASH CART LIFE SUPPORT	10
11	NURSE STA 1871 REC	12	20 A	1					0	0	1	20 A	12	TABLE LIFE SUPPORT	12
13	NURSE STA 1871 REC	12	20 A	1	0	0					1	20 A	12	PATIENT WALL 187S REC	14
15	NURSE STA 1871 REC	12	20 A	1			0	0			1	20 A	12	PATIENT WALL 187R REC	16
17	NURSE STA 1871 REC	12	20 A	1					0	0	1	20 A	12	PATIENT WALL 187Q REC	18
19	CLEAN/MED/MED UNIT REC	12	20 A	1	0	0					1	20 A	12	N.S./EXAM CORR LTG	20
21	EXAM 187F REC	12	20 A	1			0	0			1	20 A	12	PAT BED/CONT/TRIAGE LTG	22
23	EXAM 187G REC	12	20 A	1					0	0	1	20 A	12	LIFE SUPPORT LTG	24
25	CORRIDOR REC	12	20 A	1	0	840					1	20 A	12	CORR. C100DB DOOR ACTUATOR	26
27	TELE TRIAGE REC	12	20 A	1			0	0			1	20 A	-	SPARE	28
29	EMERGENCY SIGN	12	20 A	1					0	0	1	20 A	-	SPARE	30
	TOTAL CONNECTED LOAD:				840 W		0 W		0 W		AMPS:	2 A	LOAD:	840 W	

1SN14

VOLTS:	120/208 Wye	PHASES:	3	WIRE:	4
AIC RATING:		LOCATION:	ELEC EC1G	MAIN CAPACITY:	225 A
MOUNTING:	SURFACE	FEEDER SIZE:	SEE ELECTRICAL ONE-LINE DIAGRAM	MAIN CONNECTION:	MLO
				MAIN TYPE:	TYPE 1

CKT	ITEM FED	WIRE SIZE	AMPS	POLES	A (WATTS)		B (WATTS)		C (WATTS)		POLES	AMPS	WIRE SIZE	ITEM FED	CKT
1	WAITING RM 188 EWC RECEPT	12	20 A	1	1200	0					1	20 A	12	EXAM/MED/TOILET REC	2
3	MAS CORR/WAIT 188 RECEPTS	12	20 A	1			900	0			1	20 A	12	HEADWALL 187S REC	4
5	MAS CORR/WAIT C100RD...	12	20 A	1					720	0	1	20 A	12	HEADWALL 187R REC	6
7	MAS 1008 RECEPTS	12	20 A	1	1260	0					1	20 A	12	HEADWALL 187Q REC	8
9	MAS 188A REC	12	20 A	1			0	0			1	20 A	12	EXAM 187S REC	10
11	MAS 188A REC	12	20 A	1					0	0	1	20 A	12	EXAM 187R REC	12
13	EXT/WAIT/CORR REC/CUH-	12	20 A	1	0	0					1	20 A	12	EXAM 187Q REC	14
15	TOILET/VEND/HSKPG REC	12	20 A	1			0	0			1	20 A	12	TELE-TRIAGE REC	16
17	C100RD VENDING RECEPT	12	20 A	1					1000	0	1	20 A	12	SOILED UTIL REC/CUH-	18
19	C100RD VENDING RECEPT	12	20 A	1	1000	0					1	20 A	12	AUTO-DOORS	20
21	WAITING RM 188 COFFEE REC	12	20 A	1			1500	0			1	20 A	12	NOUR/LKRS/VEST REC/CUH-	22
23	URGENT CARE NON-CRIT LTG	12	20 A	1					0	0	1	20 A	12	CORR C100D LTG	24
25	MAS CORR/OFFICE LTG	12	20 A	1	0	0					1	20 A	-	SPARE	26
27	MAS WAITING LTG	12	20 A	1			0	0			1	20 A	-	SPARE	28
29	OFF/CLASS 184,185	12	20 A	1					0	0	1	20 A	-	SPARE	30
31	EF-11,12	12	20 A	1	0	0					1	20 A	12	MED COLUMN LIFE SUPPORT	32
33	AUTO DOORS C100RA	12	20 A	1			0	0			1	20 A	12	BLANKET WARMER	34
35	AUTO DOORS C100DA	12	20 A	1					0	360	1	20 A	12	ELEV EL5 EQUIP RECEPTS	36
37	EF-10 (NOTE 1)	12	20 A	1	400	0					1	20 A	12	MICOWAVE	38
39	MAS 188A RECEPTS	12	20 A	1			900	0			1	20 A	12	COUNTER REC - 187N	40
41	SPARE	-	20 A	1					0	0	1	20 A	12	REFRIG/ICE MAKER	42
	TOTAL CONNECTED LOAD:				3860 W		3300 W		2080 W		AMPS:	26 A	LOAD:	9240 W	

NOTE:
1. NEW LOAD CONNECTED TO EXISTING BREAKER.

EX. 2CC1

VOLTS:	120/208 Wye	PHASES:	3	WIRE:	4
AIC RATING:		LOCATION:	ELEC EC2B	MAIN CAPACITY:	225 A
MOUNTING:	SURFACE	FEEDER SIZE:	SEE ELECTRICAL ONE-LINE DIAGRAM	MAIN CONNECTION:	MLO
				MAIN TYPE:	MLO

CKT	ITEM FED	WIRE SIZE	AMPS	POLES	A (WATTS)		B (WATTS)		C (WATTS)		POLES	AMPS	WIRE SIZE	ITEM FED	CKT
1	RECOVERY LIGHTS	-	20 A	1	0	0					1	20 A	-	NURSE STA., MEDICATION LTS.	2
3	HEADWALL RM 280	-	20 A	1			0	0			1	20 A	-	ELECT. RM. OUTLETS TC2A	4
5	CORR., RECOVERY LTS	-	20 A	1					0	0	1	20 A	-	CONTROL RM OUTLETS	6
7	RECOVERY NURSE STA. OUTLETS	-	20 A	1	0	0					1	20 A	-	CONTROL RM OUTLETS	8
9	RECOVERY NURSE STA. OUTLETS	-	20 A	1			0	0			1	20 A	-	E.M. OUTLET RM 200	10
11	SPARE	-	20 A	1					0	0	1	20 A	-	NRSE STA CTR CNSL REC (NOTE...	12
13	CORRIDOR OUTLETS	-	20 A	1	0	0					1	20 A	-	EF-9 (BREAKER OFF)	14
15	CRASH CART OUTLET	-	20 A	1			0	0			1	20 A	-	EF-9	16
17	MED. REFRIG./FREEZER	-	20 A	1					0	0	1	20 A	-	INTERCOM P.S. (NOTE 1)	18
19	TURNED OFF	-	100 A	2	0	0					1	20 A		RM 208 OUTLETS	20
21							0	0			2	20 A	-	NURSE CALL P.S. (NOTE 1)	22
23	RM 200 WEST WALL		20 A	1					0	0					24
25					0	0					1	20 A	-	SPARE	26
27	PANEL 1EC1 (NOTE 1)		100 A	3			0	0			1	20 A	-	SPARE	28
29									0	0	1	20 A	-	SPARE	30
31					0	0									32
33	PANEL 2EC1 (NOTE 1)		100 A	3			0	0			3	100 A	-	PANEL 2SC1 (NOTE 1)	34
35									0	0					36
37	RM 200 WEST WALL		20 A	1	0	0									38
39	RM 200 WEST WALL		20 A	1			0	0			3	50 A	-	PORT LAZER	40
41	FRONT NURSES STATION OUTLET		20 A	1					0	0					42
	TOTAL CONNECTED LOAD:				0 W		0 W		0 W		AMPS:	0 A	LOAD:	0 W	

1. CIRCUIT WILL NOT BE DEMOED AND MUST BE MAINTANED CONTINOUS EXCEPT FOR OUTAGE TO REPLACE PANEL.

EX. 2CLS

VOLTS:	120/208 Wye	PHASES:	3	WIRE:	4
AIC RATING:		LOCATION:	STAIR B ST2B	MAIN CAPACITY:	125 A
MOUNTING:	SURFACE	FEEDER SIZE:	SEE ELECTRICAL ONE-LINE DIAGRAM	MAIN CONNECTION:	MLO
				MAIN TYPE:	MLO

CKT	ITEM FED	WIRE SIZE	AMPS	POLES	A (WATTS)		B (WATTS)		C (WATTS)		POLES	AMPS	WIRE SIZE	ITEM FED	CKT
1	NORTH CORRIDOR LTS.	-	20 A	1	0	0					1	20 A	-	NITROGEN CHANGE OVER...	2
3	SOUTH CORRIDOR LTS.	-	20 A	1			0	0			1	20 A	-	MED. GAS ALARM PANELS	4
5	??	-	20 A	1					0	0	1	20 A	-	NURSE STA MED GAS ALARM	6
7	SPARE	-	20 A	1	0	0					1	20 A		SPARE (BREAKER TURNED ON?)	8
9	SPARE	-	20 A	1			0	0			1	20 A	-	MED GAS ALARM (TURNED OFF)	10
11	SPARE	-	20 A	1					0	0	1	20 A	-	EXIT AND EMERGENCY...	12
	TOTAL CONNECTED LOAD:				0 W		0 W		0 W		AMPS:	0 A	LOAD:	0 W	

EX. 2CN1

VOLTS:	120/208 Wye	PHASES:	3	WIRE:	4
AIC RATING:		LOCATION:	ELEC EC2B	MAIN CAPACITY:	225 A
MOUNTING:	SURFACE	FEEDER SIZE:	SEE ELECTRICAL ONE-LINE DIAGRAM	MAIN CONNECTION:	MLO
				MAIN TYPE:	MLO

CKT	ITEM FED	WIRE SIZE	AMPS	POLES	A (WATTS)		B (WATTS)		C (WATTS)		POLES	AMPS	WIRE SIZE	ITEM FED	CKT
1	LOCKER ROOM LIGHTS	-	20 A	1	0	0					1	20 A	-	CORRIDOR LIGHTS	2
3	CONTROL LIGHTS	-	20 A	1			0	0			1	20 A	-	EAST CORR. LIGHTS	4
5	ANESTH. OFFICE LIGHTS	-	20 A	1					0	0	1	20 A	-	NURSE STATION LIGHTS	6
7	HEADWALL RM 280 LIGHTS	-	20 A	1	0	0					1	20 A	-	MEDICATION, MISC. LIGHTS	8
9	HEADWALL 261 BED	-	20 A	1			0	0			1	20 A	-	SPARE-TURNED OFF	10
11	HEADWALL OUTLETS.	-	20 A	1					0	0	1	20 A	-	SPARE	12
13	O.R. SUPERVISOR OUTLETS	-	20 A	1	0	0					1	20 A	-	CLOSET OUTLET	14
15	ANESTH. OFFICE OUTLETS	-	20 A	1			0	0			1	20 A	-	CONTROL ROOM OUTLETS	16
17	OFFICE CHIEF OUTLETS	-	20 A	1					0	0	1	20 A	-	CLEAN UTILITY OUTLETS	18
19	VISITORS OUTLETS	-	20 A	1	0	0					1	20 A	-	E.W. COOLER	20
21	NURSE STA. OUTLETS	-	20 A	1			0	0			1	20 A	-	WARMING CABINET	22
23	SPACE	--	--	--					0	0	--	--	--	SPACE	24
25	NURSE STATION OUTLETS	-	20 A	1	0	0					--	--	--	SPACE	26
27	MEDICATION OUTLETS	-	20 A	1			0	0			1	20 A	-	NURSE STA. OUTLETS	28
29	WARD RM 261 OUTLETS	-	20 A	1					0	0	1	20 A	-	NURSE STA. OUTLETS	30
31	SPACE	--	--	--	0	0					1	20 A	-	SPARE	32
33	SPACE	--	--	--			0	0			1	20 A	-	RECEPT. DIVID-WALL RM 200	34
35	SPACE	--	--	--					0	0	1	20 A	-	SPARE	36
37	SPACE	--	--	--	0	0					2	30 A	-	A/C ENDOSCOPY	38
39	SPACE	--	--	--			0	0							40
41	SPACE	--	--	--					0	0	--	--	--	SPACE	42
	TOTAL CONNECTED LOAD:				0 W		0 W		0 W		AMPS:	0 A	LOAD:	0 W	

EX. 2EC1

VOLTS:	120/208 Wye	PHASES:	3	WIRE:	4
AIC RATING:		LOCATION:	ELEC EC2C	MAIN CAPACITY:	225 A
MOUNTING:	SURFACE	FEEDER SIZE:	SEE ELECTRICAL ONE-LINE DIAGRAM	MAIN CONNECTION:	MLO
				MAIN TYPE:	MLO

CKT	ITEM FED	WIRE SIZE	AMPS	POLES	A (WATTS)		B (WATTS)		C (WATTS)		POLES	AMPS	WIRE SIZE	ITEM FED	CKT
1	WARD TOILET LIGHTS	-	20 A	1	0	0					1	20 A		HEADWALL 217, 206	2
3	HEADWALL 202, 203	-	20 A	1			0	0			1	20 A		HEADWALL 218, 219	4
5	HEAD WALL 202, 222	-	20 A	1					0	0	1	20 A		CORRIDOR OUTLETS	6
7	NURSE CALL SYSTEM	-	20 A	1	0	0					1	20 A		NOURISHMENT OUTLETS	8
9	SPARE	-	20 A	1			0	0			1	20 A		SPARE	10
11	NOURISHMENT CENTER	-	50 A	2					0	0	1	20 A		SPARE	12
13					0	0					1	20 A		SPARE	14
15	SPACE	--	--	--			0	0			--	--	--	SPACE	16
17	SPACE	--	--	--					0	0	--	--	--	SPACE	18
19	SPACE	--	--	--	0	0					--	--	--	SPACE	20
21	SPACE	--	--	--			0	0			--	--	--	SPACE	22
23	SPACE	--	--	--					0	0	--	--	--	SPACE	24
25	SPACE	--	--	--	0	0					--	--	--	SPACE	26
27	SPACE	--	--	--			0	0			--	--	--	SPACE	28
29	SPACE	--	--	--					0	0	--	--	--	SPACE	30
	TOTAL CONNECTED LOAD:				0 W		0 W		0 W		AMPS:	0 A	LOAD:	0 W	

EX. 2EN1

VOLTS:	120/208 Wye	PHASES:	3	WIRE:	4
AIC RATING:		LOCATION:	ELEC EC2C	MAIN CAPACITY:	225 A
MOUNTING:	SURFACE	FEEDER SIZE:	SEE ELECTRICAL ONE-LINE DIAGRAM	MAIN CONNECTION:	MLO
				MAIN TYPE:	MLO

CKT	ITEM FED	WIRE SIZE	AMPS	POLES	A (WATTS)		B (WATTS)		C (WATTS)		POLES	AMPS	WIRE SIZE	ITEM FED	CKT
1	WARD LIGHTS RM 205-208	-	20 A	1	0	0					1	20 A	-	WARD LIGHTS RM 217-22X	2
3	WARD LIGHTS RM 209-213	-	20 A	1			0	0			1	20 A	-	HEADWALL 232 BED	4
5	WARD LIGHTS RM 201-203	-	20 A	1					0	0	1	20 A	-	HEADWALL 232 LTS.	6
7	HEADWALL 243 REC.	-	20 A	1	0	0					1	20 A	-	HEADWALL 232 REC.	8
9	HEADWALL 243 BED	-	20 A	1			0	0			1	20 A	-	HEADWALL 228, 229 BED	10
11	HEADWALL 243 LIGHTS	-	20 A	1					0	0	1	20 A	-	HEADWALL 228, 229 LTS.	12
13	HEADWALL 245 REC.	-	20 A	1	0	0					1	20 A	-	HEADWALL 228, 229 REC.	14
15	HEADWALL 245 BED	-	20 A	1			0	0			1	20 A	-	HEADWALL 222, 228 LTS.	16
17	HEADWALL 245 LIGHTS	-	20 A	1					0	0	1	20 A	-	HEADWALL 222, 228 LTS.	18
19	WARD 206 OUTLETS	-	20 A	1	0	0					1	20 A	-	HEADWALL 222, 228 REC.	20
21	E.W.C.	-	20 A	1			0	0			1	20 A	-	WARD 217 OUTLETS	22
23	BATH, TOILET OUTLETS	-	20 A	1					0	0	1	20 A	-	DAYROOM OUTLETS	24
25	CLASSROOM OUTLETS	-	20 A	1	0	0					1	20 A	-	WARD 218 OUTLETS	26
27	STORAGE OUTLETS	-	20 A	1			0	0			1	20 A	-	WARD 219 OUTLETS	28
29	STORAGE OUTLETS	-	20 A	1					0	0	1	20 A	-	BEDPAN STERILIZER	30
31	WARD 203 OUTLETS	-	20 A	1	0	0					1	20 A	-	WARD 222 OUTLETS	32
33	WARD 202 OUTLETS	-	20 A	1			0	0			1	20 A	-	HYDRO TUB GFI (NOTE 1)	34
35	WARMING CABINET	-	20 A	1	0	0					1	20 A	-	EF-5 & EF-6	36
37	EF-11	-	20 A	1	0	0					1	20 A	-	SPARE	38
39	SPARE	-	20 A	1			0	0			1	20 A	-	SPARE	40
41	SPARE	-	20 A	1					0	0	1	20 A	-	SPARE	42
	TOTAL CONNECTED LOAD:				0 W		0 W		0 W		AMPS:	0 A	LOAD:	0 W	

NOTE 1: GFI BREAKER

EX. 2SC1

VOLTS:	120/208 Wye	PHASES:	3	WIRE:	4
AIC RATING:		LOCATION:	ELEC EC2D	MAIN CAPACITY:	225 A
MOUNTING:	SURFACE	FEEDER SIZE:	SEE ELECTRICAL ONE-LINE DIAGRAM	MAIN CONNECTION:	MLO
				MAIN TYPE:	MLO

CKT	ITEM FED	WIRE SIZE	AMPS	POLES	A (WATTS)		B (WATTS)		C (WATTS)		POLES	AMPS	WIRE SIZE	ITEM FED	CKT
1	WARD BATH LIGHTS	-	20 A	1	0	0					1	20 A	-	HEADWALL 249-253	2
3	HEADWALL 225,226, 229	-	20 A	1			0	0			1	20 A	-	CORRIDOR OUTLETS	4
5	EF-3 RM 268	-	20 A	1					0	0	1	20 A	-	NOURISHMENT OUTLETS	6
7	LTS IN ISOLATION COMMON AREA	-	20 A	1	0	0					1	20 A	-	RM 274 IU	8
9	ISOLATION EXHAUST FAN	-	20 A	1			0	0			1	20 A	-	RM 274 IU	10
11	HEAD BOARDS 262	-	20 A	1					0	0	1	20 A	-	SPARE	12
13					0	0					--	--	--	SPACE	14
15	NOURISHMENT CENTER	-	40 A	3			0	0			1	20 A		262 EM-OUTLETS	16
17									0	0	1	20 A		262 EM-OUTLETS	18
19	NOURISHMENT CENTER	-	50 A	2	0	0					--	--	--	SPACE	20
21							0	0			--	--	--	SPACE	22
23	SPACE	--	--	--					0	0	--	--	--	SPACE	24
25	SPACE	--	--	--	0	0					--	--	--	SPACE	26
27	SPACE	--	--	--			0	0			--	--	--	SPACE	28
29	SPACE	--	--	--					0	0	--	--	--	SPACE	30
	TOTAL CONNECTED LOAD:				0 W		0 W		0 W		AMPS:	0 A	LOAD:	0 W	

EX. 2SN1

VOLTS:	120/208 Wye	PHASES:	3	WIRE:	4
AIC RATING:		LOCATION:	ELEC EC2D	MAIN CAPACITY:	225 A
MOUNTING:	SURFACE	FEEDER SIZE:	SEE ELECTRICAL ONE-LINE DIAGRAM	MAIN CONNECTION:	MLO
				MAIN TYPE:	MLO

CKT	ITEM FED	WIRE SIZE	AMPS	POLES	A (WATTS)		B (WATTS)		C (WATTS)		POLES	AMPS	WIRE SIZE	ITEM FED	CKT
1	DAYROOM LIGHTS	-	20 A	1	0	0					1	20 A	-	WARD, ISOLATION LIGHTS	2
3	HEAD NURSE LIGHTS	-	20 A	1			0	0			1	20 A	-	WARD LIGHTS	4
5	STAFF LOUNGE LIGHTS	-	20 A	1					0	0	1	20 A	-	WARD LIGHTS	6
7	PHYS. EXAM. LIGHTS	-	20 A	1	0	0					1	20 A	-	HEADWALL 246, 249, 250 LTS.	8
9	HEADWALL 251, 252, 253 LTS.	-	20 A	1			0	0			1	20 A	-	HEADWALL 246, 249, 250 BED	10
11	HEADWALL 251, 252, 253 BED	-	20 A	1					0	0	1	20 A	-	HEADWALL 246, 249, 250 REC.	12
13	HEADWALL 251, 252, 253 REC.	-	20 A	1	0	0					1	20 A	-	HEADWALL 225, 226, 229 LTS.	14
15	LOCKER/LOUNGE OUTLETS	-	20 A	1			0	0			1	20 A	-	HEADWALL 225, 226, 229 BED	16
17	PHYSICIAN EXAM. OUTLETS	-	20 A	1					0	0	1	20 A	-	HEADWALL 225, 226, 229 REC.	18
19	LOUNGE REFRIG.	-	20 A	1	0	0					1	20 A	-	NURSE CLINIC, OUTLETS	20
21	PHYSICIAN EXAM OUTLETS	-	20 A	1			0	0			1	20 A	-	HEAD NURSE OUTLETS	22
23	PHYS. ASST. EXAM OUTLETS	-	20 A	1					0	0	1	20 A	-	SOCIAL WORKER OUTLETS	24
25	RM 262A+ WATER COOL	-	20 A	1	0	0					1	20 A	-	WARD 253, 254 OUTLETS	26
27	RM 262+ WARD	-	20 A	1			0	0			1	20 A	-	WARD 225, 226 OUTLETS	28
29	RM 262	-	20 A	1					0	0	1	20 A	-	SOILED UTIL. OUTLETS	30
31	STERILE SUPPLY OUTLETS	-	20 A	1	0	0					1	20 A	-	BEDPAN STERILIZER	32
33	RESPIRATORY THERAPY OUTLETS	-	20 A	1			0	0			1	20 A	-	ISOLATION 249 OUTLETS	34
35	WARD 252, 253 OUTLETS	-	20 A	1					0	0	1	20 A	-	WARD 250, 251 OUTLETS	36
37	EF-2 AND EF-3	-	20 A	1	0	0					1	20 A	-	SPARE	38
39	EF-1	-	20 A	1			0	0			1	20 A	-	SPARE	40
41	262 H.WALL CONVENIENCE...	-	20 A	1					0	0	1	20 A	-	HEADWALL BED 262	42
	TOTAL CONNECTED LOAD:				0 W		0 W		0 W		AMPS:	0 A	LOAD:	0 W	

2CC1

VOLTS:	120/208 Wye	PHASES:	3	WIRE:	4
AIC RATING:	22K	LOCATION:	ELEC EC2B	MAIN CAPACITY:	225 A
MOUNTING:	SURFACE	FEEDER SIZE:	SEE ELECTRICAL ONE-LINE DIAGRAM	MAIN CONNECTION:	MLO
				MAIN TYPE:	TYPE 1

CKT	ITEM FED	WIRE SIZE	AMPS	POLES	A (WATTS)		B (WATTS)		C (WATTS)		POLES	AMPS	WIRE SIZE	ITEM FED	CKT
1	RMS 205,205C,206,206B RECEPTS	12	20 A	1	720	1320									2
3	RM 205 HEAD WALL UNIT...	12	20 A	1			720	1320			3	20 A	12	EF-8A	4
5	RM 206 HEAD WALL UNIT...	12	20 A	1					720	1320					6
7	RMS 207,207B,208,208C RECEPTS	12	20 A	1	720	900					1	20 A	12	FC-1	8
9	RM 207 HEAD WALL UNIT...	12	20 A	1			720	1000			1	20 A	12	C-CURE 9000	10
11	RM 208 HEAD WALL UNIT...	12	20 A	1					720	600	1	20 A	12	MED. GAS PNL., FAUCET TR.	12
13	RM 208C REF. RECEPT	12	20 A	1	600	500					1	20 A	12	WONDER MANAGEMENT	14
15	R208C OMMI CELL RECEPT	12	20 A	1			1200	0			--	--	--	SPACE	16
17	RM 274 HEAD WALL UNIT...	12	20 A	1					720	720	1	20 A	12	CAMERA CEILING REC'S.	18
19	RMS 274, 274B RECEPTS	12	20 A	1	540	0					--	--	--	SPACE	20
21	RM 250 RECEPTS	12	20 A	1			540	0			--	--	--	SPACE	22
23									1000	0	--	--	--	SPACE	24
25	RM 250 DATA RACK REC.	12	30 A	3	1000	0					--	--	--	SPACE	26
27							1000	0			--	--	--	SPACE	28
29									1000	0					30
31	RM 250 DATA RACK REC.	12	30 A	3	1000	0					2	20 A	12	NURSE CALL P.S.	32
33							1000	0			1	20 A	12	INTERCOM P.S.	34
35									1000	0	1	20 A	12	NURSE STA CTR CNSL REC	36
37	RM 252 DATA RACK REC.	12	30 A	3	1000	0									38
39							1000	0			3	100 A		PANEL 2SC1 (NOTE 1)	40
41									1000	0					42
43	RM 252 DATA RACK REC.	12	30 A	3	1000	0									44
45							1000	0			3	100 A		PANEL 2EC1 (NOTE 1)	46
47	RM 252 RECEPTS	12	20 A	1					540	0					48
49	PATIENT RMS & RM 204,250,252...	12	20 A	1	1440	0									50
51	RM 204 RECEPTS	12	20 A	1			360	0			3	100 A		PANEL 1EC1 (NOTE 1)	52
53	PAT TLT

2CN1

VOLTS:	120/208 Wye	PHASES:	3	WIRE:	4
AIC RATING:	22K	LOCATION:	ELEC EC2B	MAIN CONNECTION:	MLO
MOUNTING:	SURFACE	FEEDER SIZE:	SEE ELECTRICAL ONE-LINE DIAGRAM	MAIN TYPE:	TYPE 1
MAIN CAPACITY:	225 A				

CKT	ITEM FED	WIRE SIZE	AMPS	POLES	A (WATTS)		B (WATTS)		C (WATTS)		POLES	AMPS	WIRE SIZE	ITEM FED	CKT
1	RM 207 HEAD WALL UNIT...	12	20 A	1	720	900					1	20 A	12	RM 200 RECEPTS	2
3	RMS 207, 207A RECEPTS	12	20 A	1			1440	720			1	20 A	12	RM 200 RECEPTS	4
5	RM 207 CHARGING STA. RECEPT	12	20 A	1					100	1080	1	20 A	12	RM 200 RECEPTS	6
7	RM 206 CHARGING STA. RECEPT	12	20 A	1	100	360					1	20 A	12	RM 275 RECEPTS	8
9	RM 206 HEAD WALL UNIT...	12	20 A	1			720	100			1	20 A	12	RM 274 CHARGING STA. RECEPT	10
11	RMS 206, 206A RECEPTS	12	20 A	1					1440	720	1	20 A	12	RM 274 HEAD WALL UNIT...	12
13	RM 205 HEAD WALL UNIT...	12	20 A	1	720	1440					1	20 A	12	RM 274, 274A RECEPTS	14
15	RMS 205, 205A RECEPTS	12	20 A	1			1440	540			1	20 A	12	RM 209 RECEPTS	16
17	RM 205 CHARGING STA. RECEPT	12	20 A	1					180	900	1	20 A	12	RM 230 RECEPTS	18
19	RM 208, 208A RECEPTS	12	20 A	1	1440	500					1	20 A	12	RM 230 PRINTER/COPIER RECEPT	20
21	RM 208 CHARGING STA. RECEPT	12	20 A	1			100	900			1	20 A	12	RM 231 RECEPTS	22
23	RM 208 HEAD WALL UNIT...	12	20 A	1					720	720	1	20 A	12	RM 231 RECEPTS	24
25	RMS 205C,206B,207B,208C...	12	20 A	1	720	500					1	20 A	12	RM 231 PRINTER/COPIER RECEPT	26
27	RM 205C BLANKET WARMER REC	12	20 A	1			600	540			1	20 A	12	RM 258 RECEPTS	28
29	CORR.200A,200B RECEPTS	12	20 A	1					720	180	1	20 A	12	ROOF REC.	30
31	RM 204 PRINTER	12	20 A	1	800	0					1	20 A	-	SPARE	32
33	RM 204 RECEPTS	12	20 A	1			720	0			1	20 A	-	SPARE	34
35	RM 202, 203A-203C RECEPTS	12	20 A	1					1260	0	1	20 A	-	SPARE	36
37	CORR. C200 RECEPTS	12	20 A	1	900	900					1	20 A	12	FC-2	38
39	RM 202 REF. RECEPT	12	20 A	1			1200	1153			1	20 A	12	PATRMS,200-203,249A,251,258,27...	40
41	RM 202 COFFEE POT RECEPT	12	20 A	1					1500	270	1	20 A	12	RM 230,231,249 LIGHTING	42
43	RM 202 MICO RECEPT	12	20 A	1	1500	454					1	20 A	12	CORR. 200A, 200B, RM 209...	44
45	RM 201 RECEPTS	12	20 A	1			1260	540			1	20 A	12	RM EC2B RECEPTS	46
47	RM 201 RECEPTS	12	20 A	1					540	1320					48
49	RM 200 COPIER RECEPT	12	30 A	2	250	1320					3	20 A	12	EF-8B	50
51							250	1320							52
53	RM 200 SHREDDER RECEPT	12	20 A	1					600	1176	1	20 A	12	EF-9	54
55	SPARE	-	20 A	1	0	0					--	--	--	SPACE	56
57	SPARE	-	20 A	1			0	0			--	--	--	SPACE	58
59	SPARE	-	20 A	1					0	0	--	--	--	SPACE	60
61	SPARE	-	20 A	1	0	0					--	--	--	SPACE	62
63	SPARE	-	20 A	1			0	0			--	--	--	SPACE	64
65	SPARE	-	20 A	1					0	0	--	--	--	SPACE	66
	TOTAL CONNECTED LOAD:				13524 W		13543 W		13426 W		AMPS:	112 A	LOAD:	40492.5 W	

2EC1

VOLTS:	120/208 Wye	PHASES:	3	WIRE:	4
AIC RATING:	22K	LOCATION:	ELEC EC2C	MAIN CONNECTION:	MLO
MOUNTING:	SURFACE	FEEDER SIZE:	SEE ELECTRICAL ONE-LINE DIAGRAM	MAIN TYPE:	TYPE 1
MAIN CAPACITY:	225 A				

CKT	ITEM FED	WIRE SIZE	AMPS	POLES	A (WATTS)		B (WATTS)		C (WATTS)		POLES	AMPS	WIRE SIZE	ITEM FED	CKT
1	RM 232 HEAD WALL UNIT...	12	20 A	1	720	546					1	20 A	12	PAT TLT NORTH LTG (NOTE 1)	2
3	RM 233 HEAD WALL UNIT...	12	20 A	1			720	1320							4
5	RMS 232,232C,233,233B RECEPTS	12	20 A	1					720	1320	3	20 A	12	EF-5A	6
7	RM 238 HEAD WALL UNIT...	12	20 A	1	720	1320									8
9	RM 238,238B,239,239B RECEPTS	12	20 A	1			540	300			1	20 A	12	FAUCET TRANSFORMERS	10
11	RM 239 HEAD WALL UNIT...	12	20 A	1					720	0	--	--	--	SPACE	12
13	RMS 240,240B,243,243B RECEPTS	12	20 A	1	720	0					--	--	--	SPACE	14
15	RM 240 HEAD WALL UNIT...	12	20 A	1			720	0			--	--	--	SPACE	16
17	RM 242 HEAD WALL UNIT...	12	20 A	1					720	0	--	--	--	SPACE	18
19	RM 245 HEAD WALL UNIT...	12	20 A	1	720	0					--	--	--	SPACE	20
21	RMS 245,245B,246,246B RECEPTS	12	20 A	1			720	0			--	--	--	SPACE	22
23	RM C245C OMNI CELL RECEPT	12	20 A	1					1200	0	--	--	--	SPACE	24
25	RM C245C REF. RECEPT	12	20 A	1	600	0					--	--	--	SPACE	26
27	RM 246 HEAD WALL UNIT...	12	20 A	1			720	0			--	--	--	SPACE	28
29	RM 247 HEAD WALL UNIT...	12	20 A	1					720	0	--	--	--	SPACE	30
31	RM 248 HEAD WALL UNIT...	12	20 A	1	720	0					--	--	--	SPACE	32
33	RMS 247,247B,248,248B RECEPTS	12	20 A	1			720	0			--	--	--	SPACE	34
35	AREA B LIGHTING (NORTH)	12	20 A	1					1424	0	--	--	--	SPACE	36
37	AREA B LIGHTING (SOUTH)	12	20 A	1	1222	0					--	--	--	SPACE	38
39	RM 232C OMNI CELL RECEPT	12	20 A	1			1200	0			--	--	--	SPACE	40
41	RM 232C REF. RECEPT	12	20 A	1					600	0	--	--	--	SPACE	42
	TOTAL CONNECTED LOAD:				7288 W		6960 W		7424 W		AMPS:	60 A	LOAD:	21671.8 W	

NOTES:
1. PROVIDE GFI BREAKER.

2EN1

VOLTS:	120/208 Wye	PHASES:	3
AIC RATING:	22K	LOCATION:	ELEC EC2C
MOUNTING:	SURFACE	FEEDER SIZE:	SEE ELECTRICAL ONE-LINE DIAGRAM
WIRE:	4	MAIN CAPACITY:	225 A
MAIN CONNECTION:	MLO	MAIN TYPE:	TYPE 1

CKT	ITEM FED	WIRE SIZE	AMPS	POLES	A (WATTS)		B (WATTS)		C (WATTS)		POLES	AMPS	WIRE SIZE	ITEM FED	CKT
1	RM 232 HEAD WALL UNIT...	12	20 A	1	720	720					1	20 A	12	RMM 246 HEAD WALL UNIT...	2
3	RM 232 CHARGING STA. RECEPT	12	20 A	1			100	100			1	20 A	12	RM 246 CHARGING STA. RECEPT	4
5	RM 232, 232A RECEPTS	12	20 A	1					1440	1440	1	20 A	12	RMS 246, 246A RECEPTS	6
7	RM 233 CHARGING STA. RECEPT	12	20 A	1	100	1440					1	20 A	12	RMS 247, 247A RECEPTS	8
9	RM 233, 233A RECEPTS	12	20 A	1			1440	720			1	20 A	12	RM 247 HEAD WALL UNIT RECEPT	10
11	RM 233 HEAD WALL UNIT...	12	20 A	1					720	100	1	20 A	12	RM 247 CHARGING STA. RECEPT	12
13	RM 234 RECEPTS	12	20 A	1	540	720					1	20 A	12	RMS 232B,233B,247B,248B...	14
15	RM 234 RECEPTS	12	20 A	1			1080	720			1	20 A	12	RM 248 HEAD WALL UNIT...	16
17	RM 234 PRINTER RECEPT	12	20 A	1					180	100	1	20 A	12	RM 248 CHARGING STA. RECEPT	18
19	RM 235 REF. RECEPT	12	20 A	1	1200	1440					1	20 A	12	RM 248, 248A RECEPTS	20
21	RM 235 ICE MACHINE RECEPT	12	20 A	1			1200	1176			1	20 A	12	EF-6	22
23	RM 235 COFFEE POT RECEPT	12	20 A	1					1500	600	1	20 A	12	RM C245C BLANKET WARMER REC	24
25	RM 235 MICROWAVE RECEPT	12	20 A	1	1500	0					--	--	--	SPACE	26
27	RMS 235,237,EC2C RECEPTS	12	20 A	1			900	513			1	20 A	12	PATIENT ROOMS LIGHTING	28
29	RM 238 CHARGING STA. RECEPT	12	20 A	1					100	493	1	20 A	12	PATIENT ROOMS LIGHTING	30
31	RM 238 HEAD WALL UNIT...	12	20 A	1	720	490					1	20 A	12	CORR. C201 LIGHTING	32
33	RM 238, 238A RECEPTS	12	20 A	1			1440	720			1	20 A	12	CORR. C201 & ROOF RECEPTS	34
35	RM 239 HEAD WALL UNIT...	12	20 A	1					720	600	1	20 A	12	RM 237 BLANKET WARMER	36
37	RM 239 CHARGING STA. RECEPT	12	20 A	1	100	1320									38
39	RM 239, 239A RECEPTS	12	20 A	1			1440	1320			3	20 A	12	EF-5B	40
41	RM 240, 240A RECEPTS	12	20 A	1					1620	1320					42
43	RM 240 HEAD WALL UNIT...	12	20 A	1	720	180					1	20 A	12	ROOF REC.	44
45	RM 240 CHARGING STA. RECEPT	12	20 A	1			100	0			1	20 A	--	SPARE	46
47	RMS 240B,240C,242B,242C,243...	12	20 A	1					1260	0	1	20 A	--	SPARE	48
49	RM 242 CHARGING STA. RECEPT	12	20 A	1	100	0					1	20 A	--	SPARE	50
51	RMS 242, 242A RECEPTS	12	20 A	1			1620	0			1	20 A	--	SPARE	52
53	CORR. C201, RM 241 RECEPTS	12	20 A	1					720	0	1	20 A	--	SPARE	54
55	RM 242 HEAD WALL UNIT...	12	20 A	1	720	0					--	--	--	SPACE	56
57	RMS 238B,239B RECEPTS	12	20 A	1			180	0			--	--	--	SPACE	58
59	RMS 245, 245A RECEPTS	12	20 A	1					1440	0	--	--	--	SPACE	60
61	RM 245 HEAD WALL UNIT...	12	20 A	1	720	0					--	--	--	SPACE	62
63	RM 245 CHARGING STA. RECEPT	12	20 A	1			100	0			--	--	--	SPACE	64
65	RM 246B RECEPTS	12	20 A	1					360	0	--	--	--	SPACE	66
	TOTAL CONNECTED LOAD:				13450 W		14869 W		14713 W		AMPS:	119 A	LOAD:	43030.8 W	

2SC1

VOLTS:	120/208 Wye	PHASES:	3	WIRE:	4
AIC RATING:	22K	LOCATION:	ELEC EC2D	MAIN CONNECTION:	MLO
MOUNTING:	SURFACE	FEEDER SIZE:	SEE ELECTRICAL ONE-LINE DIAGRAM	MAIN TYPE:	TYPE 1
MAIN CAPACITY:	225 A				

CKT	ITEM FED	WIRE SIZE	AMPS	POLES	A (WATTS)		B (WATTS)		C (WATTS)		POLES	AMPS	WIRE SIZE	ITEM FED	CKT
1	RM 253 HEAD WALL UNIT...	12	20 A	1	720	540					1	20 A	12	RM 265 RECEPTS	2
3	RMS 253,253B,255,254C RECEPTS	12	20 A	1			1080	360			1	20 A	12	RM 265 RECEPTS	4
5	RM 255 HEAD WALL UNIT...	12	20 A	1					720	1200	1	20 A	12	RM 265 REF. RECEPT	6
7	RM 260,261,261B RECEPTS	12	20 A	1	540	536					1	20 A	12	PAT TLT SOUTH LTG (NOTE 1)	8
9	RM 260 HEAD WALL UNIT...	12	20 A	1			720	1320							10
11	RM 261 WALL UNIT RECEPTS	12	20 A	1					720	1320	3	20 A	12	EF-2A	12
13	RM 263 HEAD WALL UNIT...	12	20 A	1	720	1320									14
15	RM 264 HEAD WALL UNIT...	12	20 A	1			720	1320							16
17	RM 274B REF. RECEPT	12	20 A	1					600	1320	3	20 A	12	EF-3A	18
19	RM 274B OMNI CELL RECEPT	12	20 A	1	1200	1320									20
21	RMS 263, 264 RECEPTS	12	20 A	1			360	300			1	20 A	12	ISO. PRES. SENSORS, FAUCET TR	22
23	RMS 269,270,270B RECEPTS	12	20 A	1					900	0	--	--	--	SPACE	24
25	RMS 271,272,272B RECEPTS	12	20 A	1	900	0					--	--	--	SPACE	26
27	RM 272C OMNI CELL RECEPT	12	20 A	1			1200	0			--	--	--	SPACE	28
29	RM 272C REF. RECEPT	12	20 A	1					600	0	--	--	--	SPACE	30
31	RM 269 HEAD WALL UNIT...	12	20 A	1	720	0					--	--	--	SPACE	32
33	RM 270 HEAD WALL UNIT...	12	20 A	1			720	0			--	--	--	SPACE	34
35	RM 271 HEAD WALL UNIT...	12	20 A	1					720	0	--	--	--	SPACE	36
37	RM 272 HEAD WALL UNIT...	12	20 A	1	720	0					--	--	--	SPACE	38
39	PATIENT ROOMS LIGHTING	12	20 A	1			1220	0			--	--	--	SPACE	40
41	RMS 265, 273 & PATIENT RMS....	12	20 A	1					1345	0	--	--	--	SPACE	42
	TOTAL CONNECTED LOAD:				9236 W		9320 W		9445 W		AMPS:	78 A	LOAD:	28000.9 W	

NOTES:
1. PROVIDE GFI BREAKER.

2SN1

VOLTS:	120/208 Wye	PHASES:	3	WIRE:	4
AIC RATING:	22K	LOCATION:	ELEC EC2D	MAIN CONNECTION:	MLO
MOUNTING:	SURFACE	FEEDER SIZE:	SEE ELECTRICAL ONE-LINE DIAGRAM	MAIN TYPE:	TYPE 1
MAIN CAPACITY:	225 A				

CKT	ITEM FED	WIRE SIZE	AMPS	POLES	A (WATTS)		B (WATTS)		C (WATTS)		POLES	AMPS	WIRE SIZE	ITEM FED	CKT
1	RM 253 CHARGING STA. RECEPT	12	20 A	1	100	180					1	20 A	12	RM 265 RECEPT	2
3	RM 253 CHARGING STA. RECEPT	12	20 A	1			100	1500			1	20 A	12	RM 265 COFFEE POT RECEPT	4
5	RM 253 HEAD WALL UNIT...	12	20 A	1					720	1500	1	20 A	12	RM 265 MICOWAVE RECEPT	6
7	RMS 253, 253A RECEPTS	12	20 A	1	1440	500					1	20 A	12	RM 265 PRINTER/COPIER RECEPT	8
9	RMS 255, 255A RECEPTS	12	20 A	1			1440	360			1	20 A	12	RM 265 RECEPTS	10
11	RM 255 HEAD WALL UNIT...	12	20 A	1					720	100	1	20 A	12	RM 269 CHARGING STA. RECEPT	12
13	RM 255 CHARGING STA. RECEPT	12	20 A	1	100	720					1	20 A	12	RM 269 HEAD WALL UNIT...	14
15	RM 255 CHARGING STA. RECEPT	12	20 A	1			100	1440			1	20 A	12	RMS 269,269A RECEPTS	16
17	RM 274B CRASH CART REC.	12	20 A	1					180	1260	1	20 A	12	RMS 270,270A RECEPTS	18
19	RM 274B BLANKET WARM REC.	12	20 A	1	600	100					1	20 A	12	RM 270 CHARGING STA. RECEPT	20
21	RMS 253B, 255B ,273 RECEPTS	12	20 A	1			900	720			1	20 A	12	RM 270 HEAD WALL UNIT...	22
23	RMS 256-257 RECEPTS	12	20 A	1					900	1440	1	20 A	12	RMS 271,271A RECEPTS	24
25	RM 257 BLANKET WARMER...	12	20 A	1	600	720					1	20 A	12	RM 271 HEAD WALL UNIT...	26
27	RM 260 HEAD WALL UNIT...	12	20 A	1			720	100			1	20 A	12	RM 271 CHARGING STA. RECEPT	28
29	RM 260, 260A RECEPTS	12	20 A	1					1440	180	1	20 A	12	RM 270B RECEPT	30
31	RM 260 CHARGING STA. RECEPT	12	20 A	1	100	600					1	20 A	12	RM 270B BLANKET WARMER...	32
33	RMS 261, 263A RECEPTS	12	20 A	1			1440	0			--	--	--	SPACE	34
35	RM 261 CHARGING STA. RECEPT	12	20 A	1					100	180	1	20 A	12	RM 272B RECEPTS	36
37	RM 261 HEAD WALL UNIT...	12	20 A	1	720	360					1	20 A	12	CORR. C200F RECEPTS	38
39	RM 263 HEAD WALL UNIT...	12	20 A	1			720	1440			1	20 A	12	RM 272 RECEPTS	40
41	RM 263 CHARGING STA. RECEPT	12	20 A	1					100	100	1	20 A	12	RM 272 CHARGING STA. RECEPT	42
43	RMS 263, 263A RECEPTS	12	20 A	1	1260	720					1	20 A	12	RM 272 HEAD WALL UNIT...	44
45	RM 264 HEAD WALL UNIT...	12	20 A	1			720	1320							46
47	RMS 264, 264A RECEPTS	12	20 A	1					1440	1320	3	20 A	12	EF-2B	48
49	RM 264 CHARGING STA. RECEPT	12	20 A	1	100	1320									50
51	RMS C200E, 262A, 262B RECEPTS	12	20 A	1			720	720			1	20 A	12	RM 268 RECEPTS	52
53	CORR. C200D, RM EC2A RECEPTS	12	20 A	1					1260	693	1	20 A	12	PATIENT ROOMS LIGHTING	54
55	RM 261B RECEPT	12	20 A	1	180	405					1	20 A	12	PATIENT ROOMS, RMS 256-258...	56
57	RM 265 RECEPTS	12	20 A	1			540	567			1	20 A	12	CORR. C200D-C 200F LIGHTING	58
59	RM 265 ICE MACHINE RECEPT	12	20 A	1					1200	0	--	--	--	SPACE	60
61	RM 265 PRINTER/COPIER RECEPT	12	20 A	1	500	1320									62
63	EF-1	12	20 A	1			1384	1320			3	20 A	12	EF-3B	64
65	ROOF REC.	12	20 A	1					180	1320					66
67	RM 249 EQUIP/STOR RECEPTS	12	20 A	1	720	0					1	20 A	-	SPARE	68
69	RM 249 EQUIP/STOR RECEPTS	12	20 A	1			720	0			1	20 A	-	SPARE	70
71	RM 249 EQUIP/STOR RECEPTS	12	20 A	1					540	0	1	20 A	-	SPARE	72
73	RM 249 EQUIP/STOR RECEPTS	12	20 A	1	540	0					1	20 A	-	SPARE	74
75	SPACE	--	--	--			0	0			1	20 A	-	SPARE	76
77	SPACE	--	--	--					0	0	1	20 A	-	SPARE	78
79	SPACE	--	--	--	0	0					--	--	--	SPACE	80
81	SPACE	--	--	--			0	0			--	--	--	SPACE	82
83	SPACE	--	--	--					0	0	--	--	--	SPACE	84
	TOTAL CONNECTED LOAD:				13905 W		18991 W		16873 W		AMPS:	138 A	LOAD:	49769 W	

MAIN DISTRIBUTION PANEL: PDP-EQ

MOUNTING:	SURFACE	VOLTAGE:	120/208 Wye	PHASES:	3	WIRE:	4
FEEDER SIZE:	SEE ELECTRICAL ONE-LINE DIAGRAM			LOCATION:	PENTHOUSE 300	MAIN CONNECTION:	MLO
MAIN CAPACITY:	400 A						

C...	ITEM FED	AMPS	POLES	FRAME	WIRE SIZE	A...	B WATTS)	C...	ELECTRICAL....
1	AHU-3 SUPPLY FAN 1	35 A	3	60 A	3 - #8 & 1 - #10 GND. CU.	1883	1883	1883	
2	AHU-3 SUPPLY FAN 2	35 A	3	60 A	3 - #8 & 1 - #10 GND. CU.	1883	1883	1883	
3	AHU-3 RETURN FAN 1	20 A	3	30 A	3 - #12 & 1 - #12 GND. CU.	1117	1117	1117	
4	AHU-3 RETURN FAN 2	20 A	3	30 A	3 - #12 & 1 - #12 GND. CU.	1117	1117	1117	
5	AHU-1 SUPPLY FAN 1	50 A	3	60 A	3 - #6 & 1 - #10 GND. CU.	2690	2690	2690	
6	AHU-1 SUPPLY FAN 2	50 A	3	60 A	3 - #6 & 1 - #10 GND. CU.	2690	2690	2690	
7	AHU-1 RETURN FAN 1	20 A	3	30 A	3 - #12 & 1 - #12 GND. CU.	1117	1117	1117	
8	AHU-1 RETURN FAN 2	20 A	3	30 A	3 - #12 & 1 - #12 GND. CU.	1117	1117	1117	
9	AHU-4 SUPPLY FAN 1	50 A	3	60 A	3 - #6 & 1 - #10 GND. CU.	2690	2690	2690	
10	AHU-4 SUPPLY FAN 2	50 A	3	60 A	3 - #6 & 1 - #10 GND. CU.	2690	2690	2690	
11	AHU-4 RETURN FAN 1	20 A	3	30 A	3 - #12 & 1 - #12 GND. CU.	1117	1117	1117	
12	AHU-4 RETURN FAN 2	20 A	3	30 A	3 - #12 & 1 - #12 GND. CU.	1117	1117	1117	
13	RTU-1 SUPPLY FAN 1	90 A	3	100 A	3 - #2 & 1 - #8 GND. CU	5210	5210	5210	
14	RTU-1 RETURN FAN 1	30 A	3	30 A	3 - #10 & 1 - #10 GND. CU.	2230	2230	2230	
15	RTU-1 RETURN FAN 2	30 A	3	30 A	3 - #10 & 1 - #10 GND. CU.	2230	2230	2230	
16	CP-1A	35 A	3	60 A	3 - #8 & 1 - #10 GND. CU.	2100	2100	2100	
17	CP-1B	35 A	3	60 A	3 - #8 & 1 - #10 GND. CU.	2100	2100	2100	
18	SPACE	60 A	3	--		0	0	0	--
19	SPACE	60 A	3	--		0	0	0	--
20	SPACE	--	--	--	--	0			--
21	SPACE	--	--	--	--	0			--
22	SPACE	--	--	--	--	0			--
23	SPACE	--	--	--	--	0			--
24	SPACE	--	--	--	--	0			--
	TOTAL LOAD:	105290 W	AMPS:	292 A	TOTAL CONNECTED LOAD:	35097 W	35097 W	35097 W	

Notes:
1. AIC RATING 22KAIC.

NEW DISTRIBUTION PANEL: DP

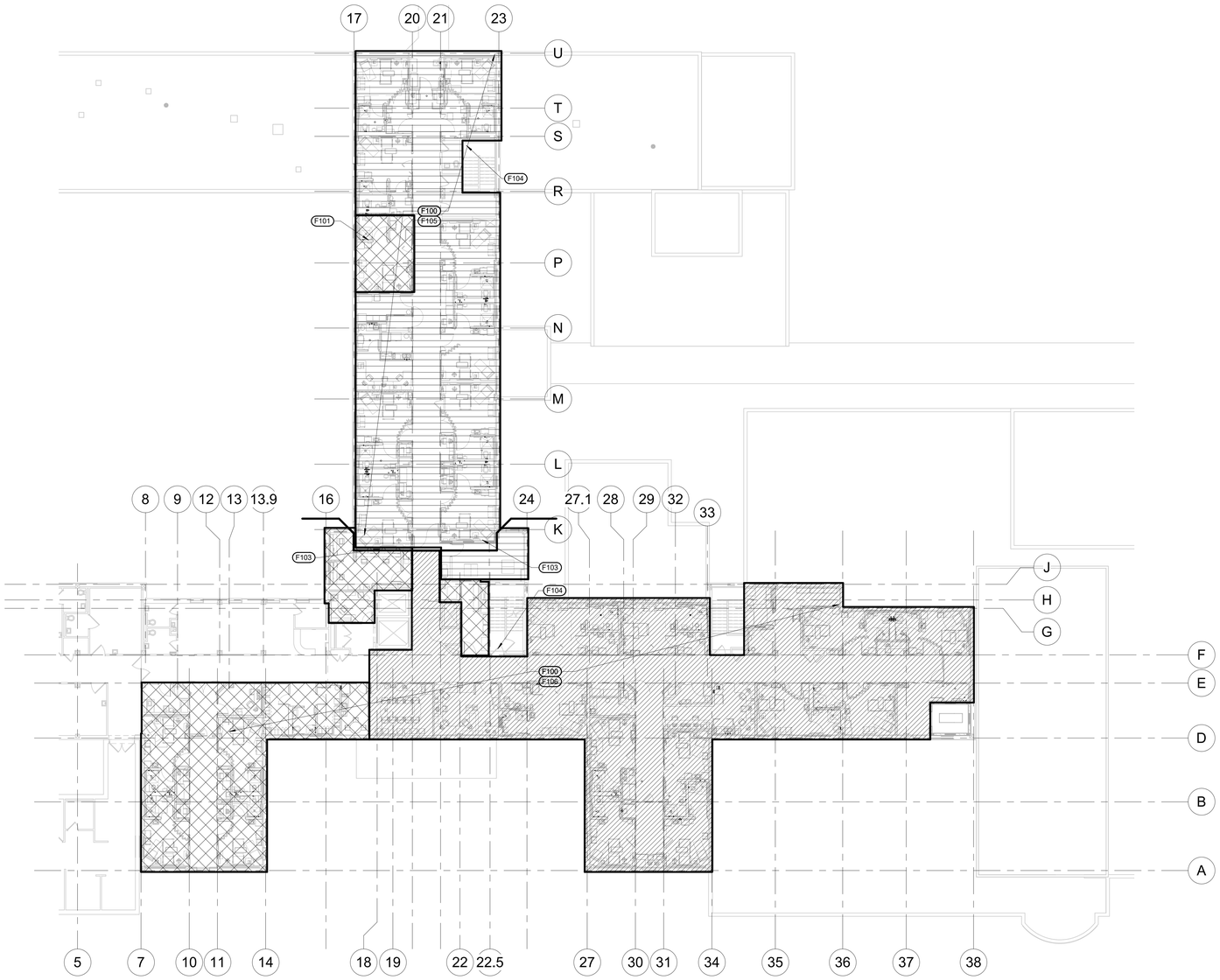
MOUNTING:	SURFACE	VOLTAGE:	120/208 Wye	PHASES:	3	WIRE:	4
FEEDER SIZE:	SEE ELECTRICAL ONE-LINE DIAGRAM			LOCATIO...	PENTHOUSE 300	MAIN CAPACITY:	600 A
MAIN CONNECTION:	MLO						

C...	ITEM FED	AMPS	POLES	FRAME	WIRE SIZE	A...	B...	C...	ELECTRICAL....
1	2SN1	200 A	3	200 A		13905	18991	16873	
2	2CN1	100 A	3	100 A		13524	13543	13426	
3	2EN1	200 A	3	200 A		13450	14869	14713	
4	2NN1	100 A	3	100 A		0	0	0	
5	PCN1	50 A	3	60 A		0	0	0	
6	CP-E2	35 A	3	60 A		2100	2100	2100	
7	CH-3A	300 A	3	400 A		27300	27300	27300	
8	CH-3B	300 A	3	400 A		27300	27300	27300	
9	CWP-3A	35 A	3	60 A	#8	2100	2100	2100	
10	CWP-3B	35 A	3	60 A	#8	2100	2100	2100	
11									
12									
	TOTAL LOAD:	315992 W	AMPS:	877 A	TOTAL CONNECTED LOAD:	101779 W	108302 W	105911 W	

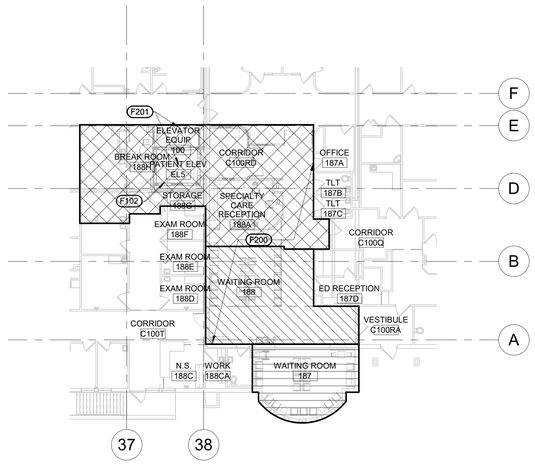
Notes:
1. PROVIDE CIRCUIT BREAKER CAPABLE OF BEING LOCKING IN THE OFF (OPEN) POSITION.
2. AIC RATING 22KAIC.

LIGHTING FIXTURE SCHEDULE

FIXTURE MARK	MANUFACTURER	MODEL	MOUNTING	TYPE	INPUT WATTS	LUMENS	LUMEN PER WATT	COMMENTS	ADDITIONAL MANUFACTURERS
A4	LITHONIA	2BLT4-40L-ADP-MVOLT-EZ1-LP835	RECESSED	LED	34		116	NOTE 1, 2, 3, 4, 10	
A5	LITHONIA	2BLT4-48L-ADP-MVOLT-EZ1-LP835	RECESSED	LED	45		114	NOTE 1, 2, 3, 4, 10	
A6	LITHONIA	2BLT4-60L-ADP-MVOLT-EZ1-LP835	RECESSED	LED	53	6169	117	NOTE 1, 2, 3, 4, 10	
B5	LITHONIA	2GTL4-48L-FW-MVOLT-EZ1-LP835	REC



1 SECOND FLOOR FIRE PROTECTION PLAN
1/16" = 1'-0"



2 FIRST FLOOR AREA C FIRE PROTECTION PLAN
1/16" = 1'-0"

FIRE PROTECTION HAZARD CLASSIFICATION

A LIGHT HAZARD OCCUPANCIES: PATIENT CARE, TREATMENT, AND CUSTOMARY ACCESS AREAS.

B ORDINARY HAZARD GROUP 1 OCCUPANCIES: MECHANICAL EQUIPMENT ROOMS, TRANSFORMER ROOMS, ELECTRICAL SWITCHGEAR ROOMS, AND ELECTRIC CLOSETS.

C ORDINARY HAZARD GROUP 2 OCCUPANCIES: STORAGE ROOMS, TRASH ROOMS, CLEAN AND SOILED LINEN ROOMS, PHARMACY AND ASSOCIATED STORAGE, LAUNDRY, STORAGE, STORAGE AREAS FOR THE ENTIRE AREA OF THE SPACE UP TO 140 SQUARE METERS (1500 SQUARE FEET).

GENERAL FIRE PROTECTION NOTES

A COORDINATE LOCATION OF PIPING, PIPING ACCESSORIES, ETC., WITH ARCHITECTURAL CEILING GRID. REFER TO REFLECTED CEILING PLAN FOR CEILING LOCATIONS.

B ENTIRE BUILDING SHALL BE PROTECTED BY A WET FIRE SPRINKLER SYSTEM IN ACCORDANCE WITH THE REQUIREMENTS OF NFPA 13 AND THE AUTHORITY HAVING JURISDICTION.

C STATIC PRESSURE ON LOWER LEVEL (APPROXIMATELY 20 FT FROM FIRE SERVICE CONNECTION) IS ESTIMATED TO BE 65 PSI WITH A RESIDUAL PRESSURE/FLOW ESTIMATED AT 50 PSI/1400 GPM. SIZE FIRE SPRINKLER PIPING TO PROVIDE A MINIMUM OF 10% FACTOR OF SAFETY FOR SYSTEM PRESSURE. CONTRACTOR TO CONFIRM ACTUAL SYSTEM FLOW/PRESSURE PRIOR TO HYDRAULIC CALCULATIONS.

D SPACE ABOVE CEILING IS LIMITED. CONTRACTOR SHALL COORDINATE ALL PIPE ROUTING WITH ALL OTHER TRADES. PROVIDE ALL ADDITIONAL OFFSETS AND TRANSITIONS AS REQUIRED TO COMPLETE INSTALLATION.

E BUILDING OCCUPANCY/COMMODITY CLASSIFICATION IS LIGHT HAZARD FOR PATIENT ROOMS, CORRIDORS, NURSES STATIONS, ETC. STORAGE ROOMS SHALL BE ORDINARY HAZARD GROUP 2. ALL FIRE SPRINKLER PROTECTION OF BUILDING SHALL BE CONSIDERED AS SUCH. REFER TO ARCHITECTURAL AND STRUCTURAL PLANS FOR BUILDING CONSTRUCTION TYPE, OCCUPANCY, BUILDING CROSS SECTIONS, AND CEILING LAYOUT.

F FOLLOWING COMPLETION OF CONSTRUCTION, THE FIRE SPRINKLER CONTRACTOR SHALL PROVIDE A WRITTEN LETTER INDICATING SYSTEM HAS BEEN INSTALLED AND TESTED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS AND THE APPROPRIATE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) REQUIREMENTS. ALSO INCLUDE A COPY OF THE INSPECTION REPORT FROM THE AUTHORITY HAVING JURISDICTION.

G FIRE SPRINKLER PIPING MAINS SHOWN FOR INTENDED ROUTING. CONTRACTOR TO FOLLOW FIRE SPRINKLER ROUTING FOR HYDRAULIC CALCULATIONS AND SYSTEM INSTALLATION.

H HATCHING STYLE DENOTES DIFFERENT PROJECT PHASES. REFER TO ARCHITECTURAL PLANS FOR DESCRIPTION OF PHASES. SPRINKLER SYSTEMS SERVING OCCUPIED AREAS SHALL REMAIN OPERATIONAL AT ALL TIMES.

I PROVIDE TEMPORARY UPRIGHT SPRINKLERS IN CONSTRUCTION AREAS WHERE CONTRACTOR CHOOSES THE OPTION IDENTIFIED ON SHEET GI102. THE TEMPORARY SPRINKLERS SHALL REMAIN OPERATIONAL UNTIL THE NEW SPRINKLERS ARE INSTALLED AND OPERATIONAL.

2 MECHANICAL SPECIFIC NOTES

F100 REMOVE AND REPLACE EXISTING FIRE PROTECTION PIPING WITHIN THIS AREA.

F101 WORK WITHIN THIS ROOM IS TO BE COMPLETED AS PART OF PHASE 1.

F102 FIRE PROTECTION IN THE ELEVATOR SHAFT INCLUDES PROTECTION OF THE ELEVATOR PIT.

F103 FIRE SMOKE BARRIER. PROVIDE SEPARATE SPRINKLER ZONES FOR SEPARATE FIRE/SMOKE ZONES.

F104 FIRE SPRINKLER ZONE CONTROL ASSEMBLY WITHIN THIS AREA.

F105 FIRE SPRINLER ZONE B/C

F106 FIRE SPRINKLER ZONE A

F200 REMOVE AND REPLACE EXISTING FIRE PROTECTION PIPING WITHIN THIS AREA.

F201 PROVIDE FLOW SWITCH ON FIRE SPRINKLER PIPING SERVING ELEVATOR MACHINE ROOM AND THE BOTTOM OF THE ELEVATOR SHAFT FOR CONNECTION TO SHUNT TRIP BREAKER PROVIDED BY THE ELECTRICAL CONTRACTOR.

Revision#	Description	Date:

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SOUTH DAKOTA
6/10/2022

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: FIRE PROTECTION	Phase: CONSTRUCTION DOCUMENTS	Project Title: RENOVATE AND CONSOLIDATE INPATIENT FUNCTIONS	Project Number: VA #568-14-110 WPE #BR21020
			Building Number: 113
Approved:	FULLY SPRINKLERED	Location: FORT MEADE, SOUTH DAKOTA	Drawing Number: FX101
		Issue Date: 06/10/2022 · Checked: MSH · Drawn: MMM	

VA FORM 08 - 6231

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MECHANICAL SYMBOLS

- CW — COLD WATER PIPE
- -CW- — UNDERGROUND COLD WATER PIPE
- SAN — UNDERFLOOR WASTE PIPE
- ST — UNDERFLOOR STORM PIPE
- OST — UNDERFLOOR OVERFLOW STORM PIPE
- PD — PUMP DISCHARGE
- AW — UNDERFLOOR ACID WASTE PIPE
- S — COLD SOFT WATER PIPE
- CA — COMPRESSED AIR PIPE
- HPS — HIGH PRESSURE STEAM
- HPR — HIGH PRESSURE RETURN
- PC — PUMPED CONDENSATE PIPE
- G — NATURAL GAS
- HWS — HOT WATER HEATING SUPPLY
- CWS — CHILLED WATER SUPPLY PIPE
- RL — REFRIGERANT LIQUID PIPE
- O — OXYGEN PIPE
- OXYGEN OUTLET
- D — EQUIPMENT DRAIN
- F — FIRE SPRINKLER PIPE
- PENDANT TYPE SPRINKLER HEAD
- CONCEALED SPRINKLER HEAD
- PIPE CONNECTION
- ELBOW DOWN
- ELBOW UP
- TEE DOWN
- PIPE PITCH DOWN
- DIRECTION OF FLOW
- PIPE ANCHOR
- REDUCER OR INCREASER
- UNION
- FLEXIBLE PIPE CONNECTION
- WH — WALL HYDRANT
- HB — HOSE BIB
- CO — CLEAN OUT ABOVE FLOOR
- WCO — WALL CLEAN OUT
- CO — CLEAN OUT IN FLOOR
- FD — FLOOR DRAIN
- FS — FLOOR SINK
- RADIATION ELEMENT
- RAD-1 5'-0" — TYPE, ELEMENT, LENGTH — RADIATION DESIGNATION
- HW — HOT WATER PIPE
- -HW- — UNDERGROUND HOT WATER PIPE
- SAN — ABOVE FLOOR WASTE PIPE
- ST — ABOVE FLOOR STORM PIPE
- OST — ABOVE FLOOR OVERFLOW STORM PIPE
- PD — PUMP DISCHARGE
- AW — ABOVE FLOOR ACID RESISTANT WASTE PIPE
- SHW — SOFT HOT WATER PIPE
- LS — LAWN SPRINKLER PIPE
- MPS — MEDIUM PRESSURE STEAM
- MPR — MEDIUM PRESSURE RETURN
- LP — LIQUEFIED PETROLEUM GAS
- HWR — HOT WATER HEATING RETURN
- CWR — CHILLED WATER RETURN PIPE
- RS — REFRIGERANT SUCTION PIPE
- VAC — CLINICAL AND LAB VACUUM
- CLINICAL AND LAB VACUUM OUTLET
- UPRIGHT SPRINKLER HEAD
- AIR VENT
- FLOW MEASURING DEVICE
- EXPANSION JOINT, PIPE GUIDE
- CAPPED OUTLET
- SHUT OFF VALVE
- BALANCING VALVE
- CONTROL VALVE
- 3-WAY CONTROL VALVE
- PRESSURE REDUCING VALVE
- PRESSURE RELIEF VALVE
- DOMESTIC WATER TEMPERING VALVE
- CHECK VALVE
- CURB STOP
- RD — ROOF DRAIN
- ORD — OVERFLOW ROOF DRAIN
- AD — AREA DRAIN
- CONNECT TO EXIST. SERVICE
- RHW — CIRCULATING HOT WATER PIPE
- RHW — UNDERGOUND CIRCULATING HOT WATER PIPE
- V — VENT PIPE
- AV — ACID RESISTANT VENT PIPE
- SRHW — SOFT CIRCULATING HOT WATER PIPE
- CA — COMPRESSED AIR OUTLET
- LPS — LOW PRESSURE STEAM
- LPR — LOW PRESSURE RETURN
- HG — HOT GAS
- GE — GAS EVACUATION PIPE
- A — CLINICAL AND LAB AIR PIPE
- GAS EVACUATION OUTLET
- CLINICAL AIR OUTLET
- RECESSED SPRINKLER HEAD
- FLOW ALARM
- PRESSURE/TEMPERATURE TAP
- PRESSURE GAUGE
- STATIC PRESSURE SENSOR
- THERMOMETER
- STRAINER
- STEAM TRAP
- BACK FLOW PREVENTER
- FLOW CONTROL VALVE
- STRAINER VALVE
- PRESSURE SENSOR DIFFERENTIAL
- T — THERMOSTAT
- T_N — NIGHT THERMOSTAT
- T_L — THERMOSTAT W/LOCKABLE COVER
- H — HUMIDISTAT
- FS — FLOW SWITCH
- DEMOLITION HATCHING

VENTILATION SYMBOLS

- SUPPLY DUCT (UP & DOWN)
- RETURN DUCT (UP & DOWN)
- EXHAUST DUCT (UP & DOWN)
- W — STANDARD RADIUS ELBOW R EQUAL W (MINIMUM)
- DUCT TURN WITH TURN VANES
- FLEXIBLE DUCT CONNECTION
- SPIRAL DUCTWORK
- LOW PRESURE DUCTWORK MAX 2" W.G. PRESSURE
- MEDIUM PRESSURE DUCTWORK 2"-6" W.G. PRESSURE
- F - FIRE DAMPER M - MOTORIZED DAMPER S - SMOKE DAMPER B - BACKDRAFT DAMPER C - COMBINATION FIRE SMOKE DAMPER
- MANUAL VOLUME DAMPER
- 1/2 A — A — BRANCH DUCT INTO SIDE OF MAIN DUCT
- R OR D — DUCT RISE OR DROP IN DIRECTION OF AIR FLOW
- 12/8 — DUCT DIMENSION- WIDTH x DEPTH
- DUCT INSULATION (SEE SPECIFICATION)
- DUCT TURN AND AIR SPLIT TYPE TAKEOFF (NON-ADJUSTABLE)
- S-1 200 — TYPE OF EQUIP, CFM — GRILLE, REGISTER & DIFFUSER DESIGNATION SUPPLY, RETURN, EXHAUST, & TRANSFER
- EF 1 — TYPE OF EQUIP, EQUIP. NO. — EQUIPMENT DESIGNATION
- FLEX DUCT (5' MAXIMUM)

MECHANICAL ABBREVIATIONS

A	AIR OR COMPRESSED AIR AIR OR COMPRESSED AIR
A/C	AIR CONDITIONING AIR CONDITIONING OR ALTERNATING CURRENT
AC	AIR CONDITIONING OR ALTERNATING CURRENT
AF AFF	AIR FOIL AIR FOIL ABOVE FINISHED FLOOR
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AHU	AIR HANDLING UNIT
AL	ALUMINUM
AMB	AMBIENT
AMP	AMPERE
AP	ACCESS PANEL
APD	AIR PRESSURE DROP
AS	AIR SEPARATOR
ATM	ATMOSPHERE
AUTO	AUTOMATIC
AUX	AUXILIARY
AVG	AVERAGE
BBD	BOILER BLOWDOWN
BDD	BACK-DRAFT DAMPER
BF	BOILER FEED
BHP	BOILER HORSEPOWER, BRAKE HORSEPOWER
BI	BACKWARDS INCLINED
BTU	BRITISH THERMAL UNIT
BTUH	BTU PER HOUR
BV	BUTTERFLY VALVE
C	CONDENSATE LINE
CA	COMPRESSED AIR
CF	CUBIC FEET
CF	CHEMICAL FEED, CUBIC FOOT
CFH	CUBIC FEET PER HOUR
CFM	CUBIC FEET PER MINUTE
CH	CHILLER
CI	CAST IRON
CIRC	CIRCULAR
CL	CENTER LINE
CM	CENTIMETER
CO	CARBON MONOXIDE
CO	CLEAN OUT
COL	COLUMN
CONC	CONCRETE, CONCENTRIC
CONT	CONTINUATION
CPVC	CHLORINATED POLYVINYL CHLORIDE
CR	CONDENSER WATER RETURN
CS	CONDENSER WATER SUPPLY
CT	COOLING TOWER
CT	COOLING TOWER
CTR	CENTER
CU	CUBIC
CU FT.	CUBIC FEET
CU IN.	CUBIC INCHES
CUH	CABINET UNIT HEATER
CW	COLD WATER
CWR	CHILLED WATER RETURN
CWS	CHILLED WATER SUPPLY
D	DRAIN
DB	DRY BULB (TEMPERATURE)
DDC	DIRECT DIGITAL CONTROL
DEG	DEGREE
DELTA T	TEMPERATURE DIFFERENCE
DET	DETAIL
DIA	DIAMETER
DIM	DIMENSION
DISC	DISCONNECT
DN	DOWN
DP	DIFFERENTIAL PRESSURE
DP	DEW POINT TEMPERATURE
DWG	DRAWING
E TO C	END TO CENTER
EA	EACH OR EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
EER	ENERGY EFFICIENT RATIO
EET	EXPANSION TANK
EF	EXHAUST FAN
EFF	EFFICIENCY
EL	ELEVATION
ELB	ELBOW
ELEC	ELECTRICAL
ENT	ENTERING
ERV	ENERGY RECOVERY VENTILATOR
ESP	EXTERNAL STATIC PRESSURE
EVAP	EVAPORATOR
EWT	ENTERING WATER TEMPERATURE
EXH	EXHAUST
EXP	EXPANSION
EXT	EXTERNAL
F	FAHRENHEIT OR FIRE DAMPER
FC	FAN COIL UNIT
FD	FLOOR DRAIN OR FIRE DAMPER
FDC	FIRE DEPARTMENT
FDW	FEED WATER
FEC	FIRE EXTINGUISHER CABINET
FF	FINISH FLOOR
FG	FINISH GRADE

MECHANICAL ABBREVIATIONS

FHC	FIRE HOSE CABINET
FLA	FULL LOAD AMPS
FLEX	FLEXIBLE
FLR	FLOOR
FM	FLOW METER
FO	FUEL OIL
FPM	FEET PER MINUTE
FPS	FEET PER SECOND
FRP	FIBERGLASS REINFORCED PLASTIC
FS	FLOW SWITCH
FT	FOOT, FEET
FT	FINNED TUBE RADIATION
FV	FLUSH VALVE
G	GAS
GA	GAUGE
GAL	GALLONS
GALV	GALVANIZED
GF	GLYCOL FEED UNIT
GND	GROUND
GPD	GALLONS PER DAY
GPH	GALLONS PER HOUR
GPM	GALLONS PER MINUTE
GPS	GALLONS PER SECOND
H2O	WATER
HB	HOSE BIBB
HD	HEAD
HG	MERCURY
HGT	HEIGHT
HORIZ	HORIZONTAL
HP	HORSEPOWER
HR	HOUR
HRV	HEAT RECOVERY VENTILATOR
HTG	HEATING
HTR	HEATER
HW	HOT WATER
HWR	HOT WATER RETURN
HWS	HOT WATER SUPPLY
HZ	HERTZ (CYCLES PER SECOND)
ID	INSIDE DIAMETER
IN	INCH
IN HG	INCHES OF MERCURY
INSUL	INSULATION
IPS	IRON PIPE SIZE
IW	INDIRECT WASTE
J	JOULE
K	KELVIN
KG	KILOGRAM
KW	KILOWATT
L	LENGTH, LITER
LAT	LEAVING AIR TEMPERATURE
LB	POUND
LBF	POUND-FORCE
LF	LINEAR FEET
LP	LIQUID PETROLEUM
LRA	LOCKED ROTOR AMPS
LVG	LEAVING
LVL	LEVEL
LWT	LEAVING WATER TEMPERATURE
M	METER
MAT	MIXED AIR TEMPERATURE
MAX	MAXIMUM
MBH	1000 BTUH
MCA	MINIMUM CIRCUIT AMPS
MECH	MECHANICAL
MFR	MANUFACTURER
MG	MILLIGRAM
MIN	MINIMUM OR MINUTE
ML	MILLILITER
MM	MILLIMETER
MPT	MALE PIPE THREAD
MUA	MAKE-UP AIR
N/A	NOT APPLICABLE
NC	NOISE CRITERIA
NC	NORMALLY CLOSED
NEG	NEGATIVE
NIC	NOT IN CONTRACT
NO	NORMALLY OPEN
NOM	NOMINAL
NPHP	NAME PLATE HORSEPOWER
NPS	NOMINAL PIPE SIZE
NPSH	NET POSITIVE SUCTION HEAD
NTS	NOT TO SCALE
O	OXYGEN
OA	OUTSIDE AIR
OAT	OUTSIDE TEMPERATURE
OC	ON CENTER
OD	OUTSIDE DIAMETER
ODP	OPEN DRIP PROOF
OV	OUTLET VELOCITY
OZ	OUNCE
PA	PASCAL
PCR	PUMPED CONDENSATE RETURN
PD	PRESSURE DROP
PF	POWER FACTOR
PG	PRESSURE GAUGE
PH	PHASE
PNEU	PNEUMATIC
PROP	PROPELLER
PRV	PRESSURE REDUCING VALVE

MECHANICAL ABBREVIATIONS

PSI	POUNDS PER SQUARE INCH
PSIA	POUND PER SQUARE INCH ABSOLUTE
PSID	POUNDS PER SQUARE INCH DIFFERENTIAL
PSIG	POUNDS PER SQUARE INCH GAUGE
PVC	POLYVINYL CHLORIDE
QTY	QUANTITY
R	RADIUS
RA	RETURN AIR
RAT	RETURN AIR TEMPERATURE
RD	ROOF DRAIN
RECO V	RECOVERY
RED	REDUCER
REF	REFERENCE
REQD	REQUIRED
RH	RELATIVE HUMIDITY
RL	REFRIGERANT LIQUID
RL	RUNNING LOAD AMPS
RLA	RATED LOAD AMPERES
RM	ROOM
RPM	REVOLUTIONS PER MINUTE
RS	REFRIGERANT SUCTION
RTN	RETURN
RTU	ROOF-TOP UNIT
RV	RELIEF VALVE
S	SWITCH
SA	SUPPLY AIR
SA	SHOCK ABSORBER, SUPPLY AIR
SCH	SCHEDULE
SCR	SILICON CONTROLLED RECTIFIER
SD	SMOKE DETECTOR OR SMOKE DAMPER
SEC	SECONDS, SECONDARY
SEN	SENSIBLE
SEP	SEPARATE
SEQ	SEQUENCE
SER	SERIES
SERV	SERVICE
SF	SQUARE FEET
SF	SERVICE FACTOR
SF	SQUARE FEET
SFD	COMBINATION SMOKE / FIRE DAMPER
SHC	SENSIBLE HEAT CAPACITY
SHT	SHEET
SI	INTERNATIONAL SYSTEMS OF UNITS
SOL	SOLENOID
SP	STATIC PRESSURE
SPEC	SPECIFICATION
SPLY	SUPPLY
SQ	SQUARE
SS	STAINLESS STEEL
SSH	STATIC SUCTION HEAD
SST	SATURATED SUCTION TEMPERATURE
STD	STANDARD
STH	STATIC TOTAL HEAD
STL	STEEL
SUCT	SUCTION
SUP	SUPPLY
SV	SERVICE
SVH	STATIC VELOCITY HEAD
SW	SERVICE WEIGHT
SWS	SERVICE WATER
T	TEMPERATURE OR THERMOSTAT
TATAT	THERMOSTAT
TD	TEMPERATURE DIFFERENCE
TDH	TOTAL DYNAMIC HEAD
TEFC	TOTALLY ENCLOSED FAN COOLED
TEMP	TEMPERATURE
TH	THERMOMETER
THK	THICK
TON	12,000 BTUH (COOLING CAPACITY)
TP	TOTAL PRESSURE
TSP	TOTAL STATIC PRESSURE
TYP	TYPICAL
UC	UNDERCUT (DOOR)
UF	UNDER FLOOR
UH	UNIT HEATER
V	VENT, VOLT, VOLUME
VAC	VACUUM
VAV	VARIABLE AIR VOLUME
VB	VACUUM BREAKER
VD	VOLUME DAMPER
VEL	VELOCITY
VERT	VERTICAL
VFD	VARIABLE FREQUENCY DRIVE
VIB	VIBRATION
VOL	VOLUME
VP	VELOCITY PRESSURE
VTR	VENT THRU ROOF
W	WATT, WIDTH, WIDE
WB	WET BULB TEMPERATURE
WC	WATER COLUMN
WCO	WALL CLEAN OUT
WG	WATER GAUGE
WH	WATER HEATER
WPD	WATER PRESSURE DROP
WTD	WATER TEMPERATURE DIFFERENCE

Revision#	Description	Date:

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REG. NO. 8462
MICHAEL SEAN HENRICH
SOUTH DAKOTA
6/10/2022

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title
MECHANICAL ABBREVIATIONS & SYMBOLS

Approved:

Phase
CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title
RENOVATE AND CONSOLIDATE INPATIENT FUNCTIONS

Location
FORT MEADE, SOUTH DAKOTA

Issue Date 06/10/2022
Checked MSH
Drawn MMM

Project Number VA #568-14-110 WPE #BR21020
Building Number 113
Drawing Number MA101

VA FORM 08 - 6231

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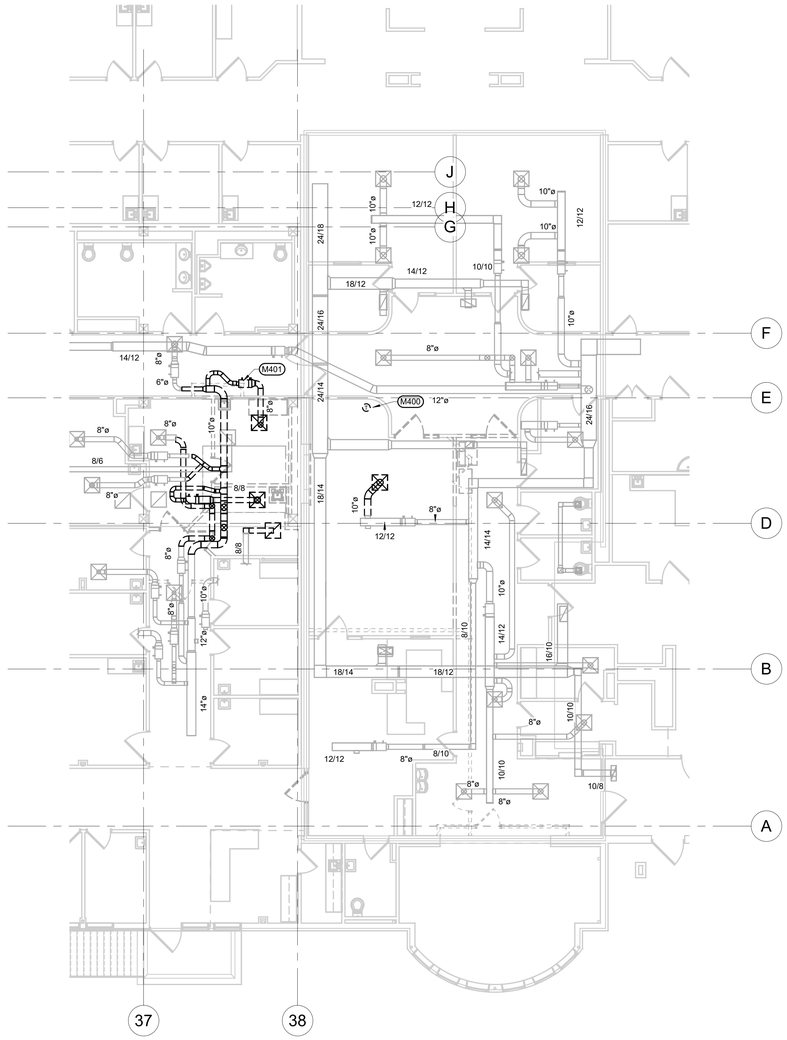
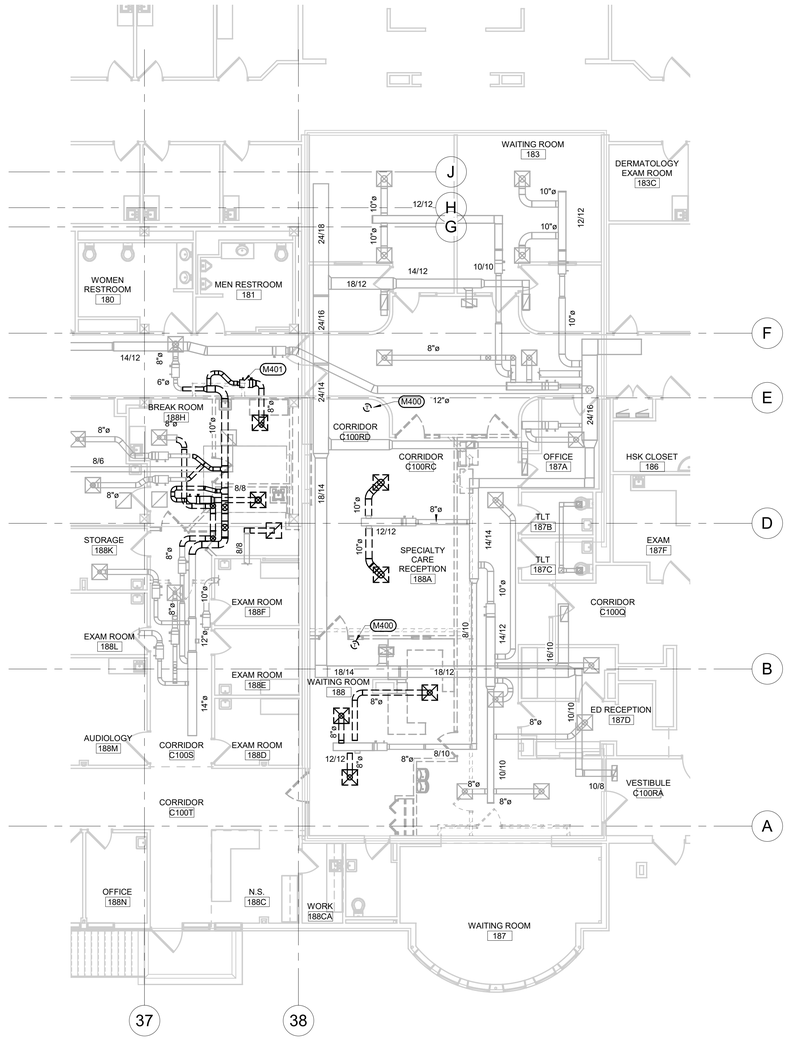


2 FIRST FLOOR AREA C HVAC DEMOLITION PLAN ALT# 4
1/8" = 1'-0"



1 FIRST FLOOR AREA C HVAC DEMOLITION PLAN
1/8" = 1'-0"

GENERAL MECHANICAL NOTES

A COORDINATE PHASING AND REMOVAL OF EXISTING DUCTWORK AND EQUIPMENT WITH CONTRACTING OFFICER.

B REMOVE EXISTING DUCTWORK, EQUIPMENT, ETC. WHERE DASHED. CAP DUCTWORK DURING CONSTRUCTION.

C CONTRACTOR TO CONFIRM LOCATIONS OF EXISTING DUCTWORK AND EQUIPMENT.

MECHANICAL SPECIFIC NOTES

#	
M400	REMOVE EXISTING THERMOSTAT AND ASSOCIATED WIRING/PIPING.
M401	REMOVE EXISTING VAV BOX AND ASSOCIATED WIRING/PIPING CONNECTING TO TEMPERATURE CONTROL SYSTEM.

Revision#	Description	Date:

CONSULTANTS

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VA U.S. Department of Veterans Affairs

Drawing Title FIRST FLOOR AREA C HVAC DEMOLITION PLAN	**Phase** CONSTRUCTION DOCUMENTS	**Project Title** RENOVATE AND CONSOLIDATE INPATIENT FUNCTIONS	**Project Number** VA #568-14-110 WPE #BR21020
			Building Number 113
Approved:	FULLY SPRINKLERED	**Location** FORT MEADE, SOUTH DAKOTA	**Drawing Number** MD101
		Issue Date 06/10/2022 · **Checked** MSH · **Drawn** MMM	

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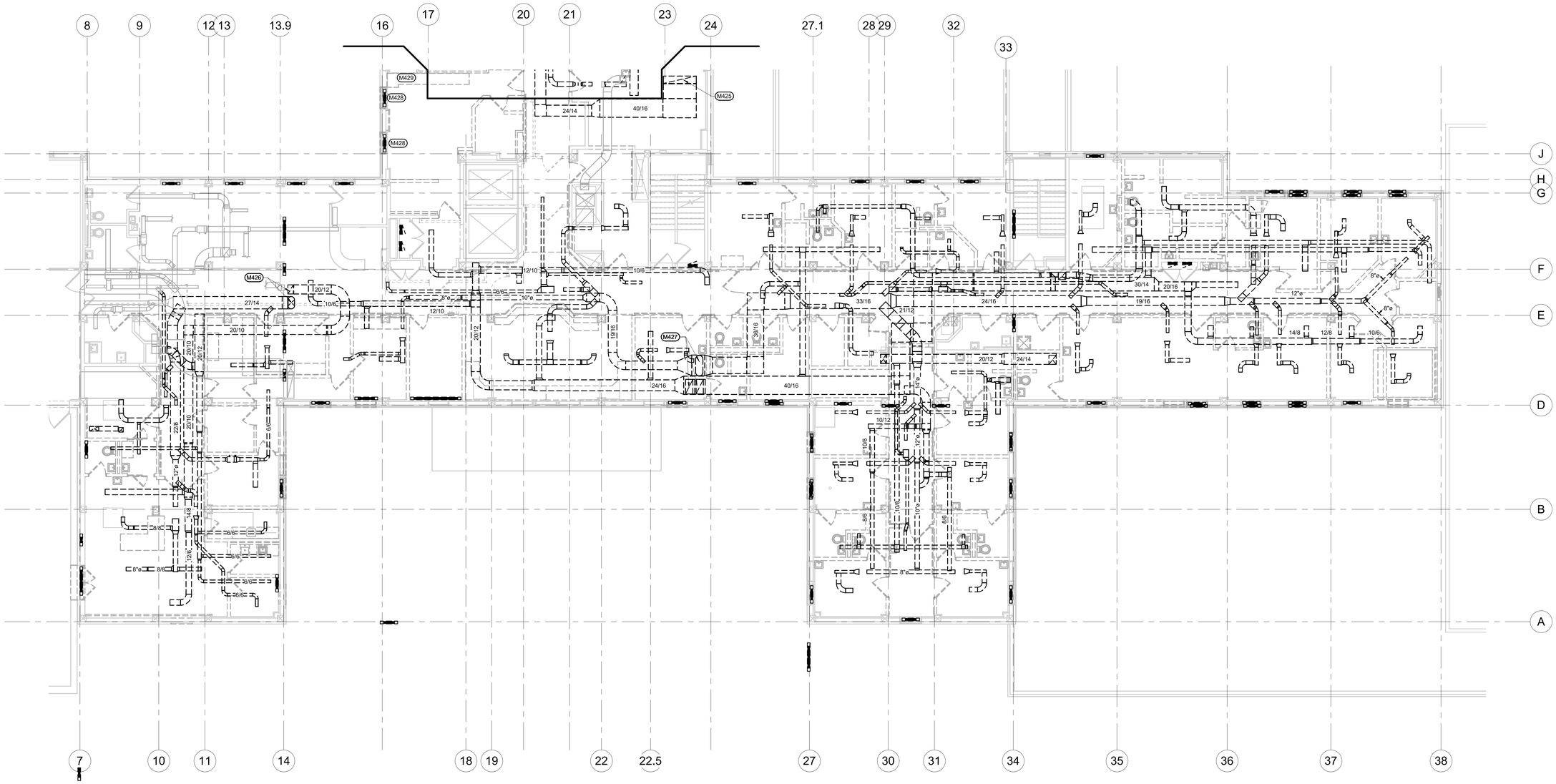

1 SECOND FLOOR AREA A HVAC DEMOLITION PLAN
1/8" = 1'-0"

GENERAL MECHANICAL NOTES

A COORDINATE PHASING AND REMOVAL OF EXISTING DUCTWORK AND EQUIPMENT WITH CONTRACTING OFFICER.

B REMOVE EXISTING DUCTWORK, EQUIPMENT, ETC. WHERE DASHED. CAP DUCTWORK DURING CONSTRUCTION.

C CONTRACTOR TO CONFIRM LOCATIONS OF EXISTING DUCTWORK AND EQUIPMENT.

MECHANICAL SPECIFIC NOTES

#	
M425	REMOVE EXISTING 72/16 RETURN AIR DUCT UP TO PENTHOUSE.
M426	REMOVE EXISTING 27/14 OVAL SUPPLY AND 20/12 RETURN AIR DUCT UP TO PENTHOUSE.
M427	REMOVE EXISTING 49/16 OVAL SUPPLY AND (2) 32/16 RETURN AIR DUCT UP TO PENTHOUSE.
M428	REMOVE THE EXISTING UNIT VENTILATOR AND ASSOCIATED PIPING FROM BELOW THE WINDOW.
M429	REMOVE EXISTING MINISPLIT SYSTEM AND ASSOCIATED REFRIGERANT PIPING.

Revision#	Description	Date:

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VA U.S. Department of Veterans Affairs

Drawing Title: SECOND FLOOR AREA A HVAC DEMOLITION PLAN	Phase: CONSTRUCTION DOCUMENTS	Project Title: RENOVATE AND CONSOLIDATE INPATIENT FUNCTIONS	Project Number: VA #568-14-110 WPE #BR21020
			Building Number: 113
Approved:	FULLY SPRINKLERED	Location: FORT MEADE, SOUTH DAKOTA	Drawing Number: MD102
		Issue Date: 06/10/2022 · Checked: MSH · Drawn: MMM	

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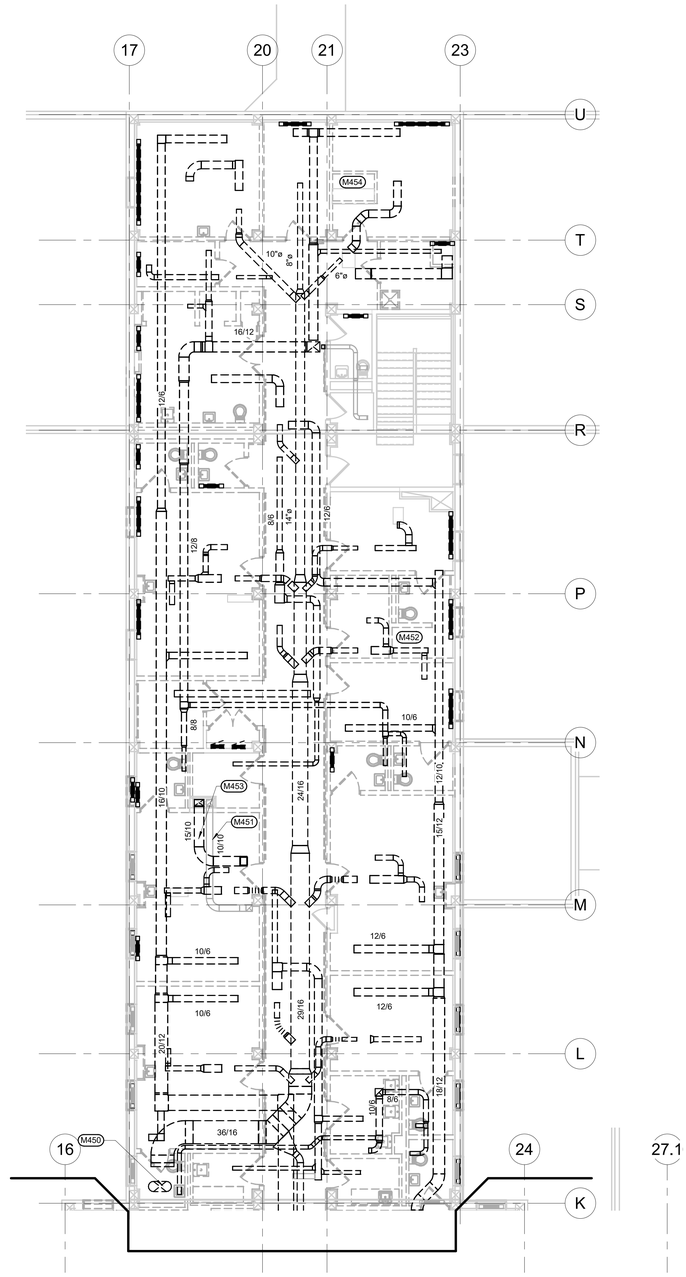

1 SECOND FLOOR AREA B HVAC DEMOLITION PLAN
1/8" = 1'-0"

GENERAL MECHANICAL NOTES

A COORDINATE PHASING AND REMOVAL OF EXISTING PIPING AND EQUIPMENT WITH OWNER.

B REMOVE EXISTING PIPING, FIXTURES, ETC. WHERE INDICATED BY HATCHING. CAP PIPING DURING CONSTRUCTION.

C CONTRACTOR TO CONFIRM LOCATIONS OF EXISTING PIPING AND EQUIPMENT.

MECHANICAL SPECIFIC NOTES

#	
M428	REMOVE THE EXISTING UNIT VENTILATOR AND ASSOCIATED PIPING FROM BELOW THE WINDOW.
M450	REMOVE EXISTING EXPOSED 35/16 OVAL DUCT AT EXTERIOR OF BUILDING
M451	EXISTING 15/10 AND 10/10 EXHAUST DUCTS TO REMAIN.
M452	REMOVE EXISTING CEILING MOUNTED EXHAUST FAN AND ASSOCIATED DUCTWORK WITHIN THIS SPACE.
M453	REMOVE EXISTING 15/10 EXHAUST DUCT TO FIRST FLOOR. EXISTING FAN AND DUCTWORK SERVED CHEMOTHERAPY HOOD. REMOVE AND DISPOSE PER APPROPRIATE REQUIREMENTS.
M454	REMOVE EXISTING DUCTWORK WITHIN CHASE SERVING AHU WITHIN LOWER LEVEL.

Revision#	Description	Date:

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title SECOND FLOOR AREA B & C HVAC DEMOLITION PLAN	**Phase** CONSTRUCTION DOCUMENTS	**Project Title** RENOVATE AND CONSOLIDATE INPATIENT FUNCTIONS	**Project Number** VA #568-14-110 WPE #BR21020
Approved:	FULLY SPRINKLERED	**Location** FORT MEADE, SOUTH DAKOTA	**Building Number** 113
		Issue Date 06/10/2022 · **Checked** MSH · **Drawn** MMM	**Drawing Number** MD103

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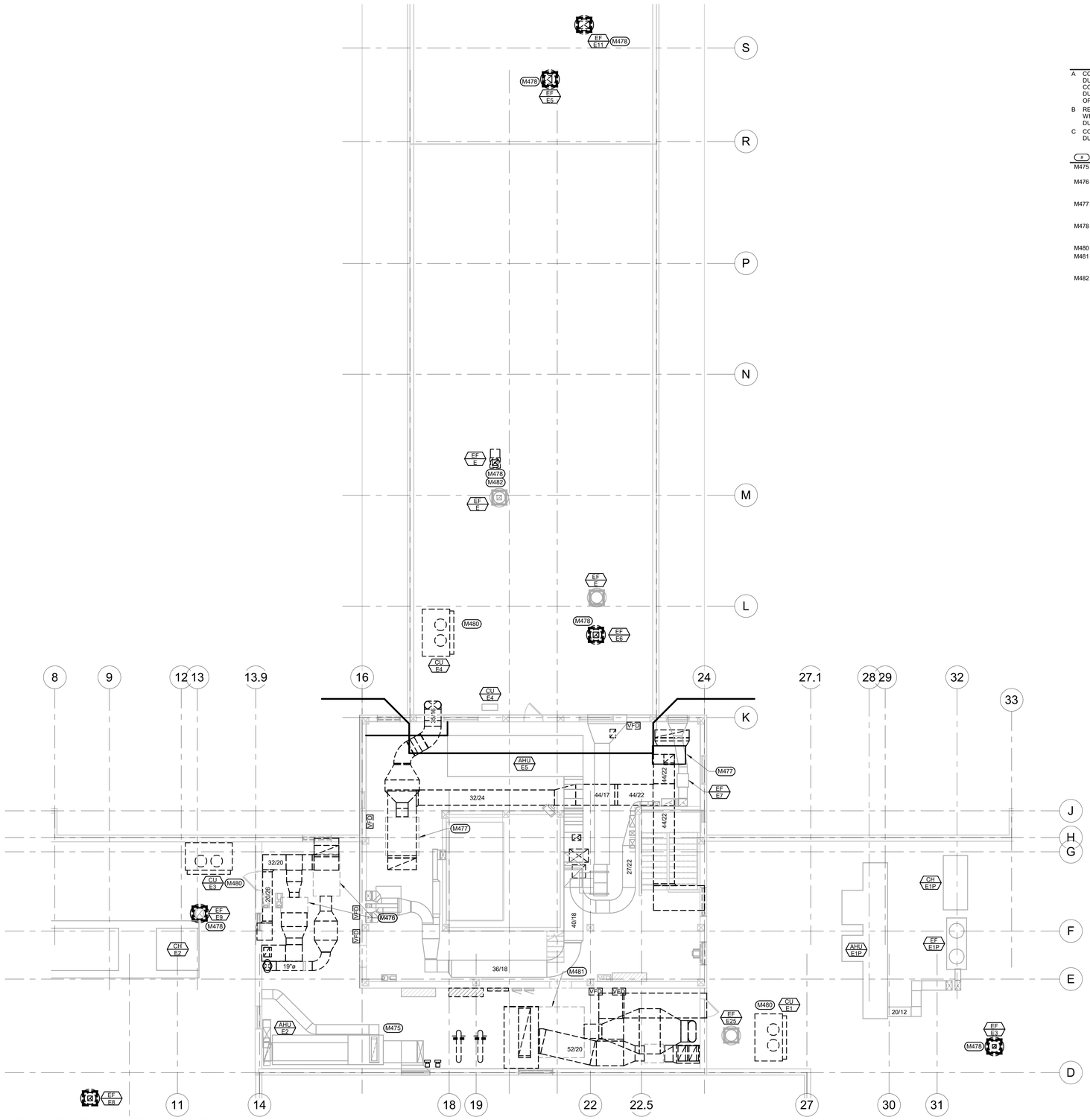

1 PENTHOUSE LEVEL / LOW ROOF HVAC DEMOLITION PLAN
1/8" = 1'-0"

GENERAL MECHANICAL NOTES

A COORDINATE PHASING AND REMOVAL OF EXISTING DUCTWORK AND EQUIPMENT WITH OWNER. COORDINATE PHASING AND REMOVAL OF EXISTING DUCTWORK AND EQUIPMENT WITH CONTRACTING OFFICER.

B REMOVE EXISTING DUCTWORK, EQUIPMENT, ETC. WHERE INDICATED BY HATCHING. CAP DUCTWORK DURING CONSTRUCTION.

C CONTRACTOR TO CONFIRM LOCATIONS OF EXISTING DUCTWORK AND EQUIPMENT.

 # MECHANICAL SPECIFIC NOTES

M475 EXISTING AIR HANDLING UNIT (AHU-E2) AND ASSOCIATED RETURN FAN (RF-E2) TO REMAIN.

M476 REMOVE EXISTING AHU-E3, RF-E3, AND ASSOCIATED DUCTWORK. CAP WALL PENETRATIONS DURING CONSTRUCTION.

M477 REMOVE EXISTING AHU-E4, RF-E4, AND ASSOCIATED DUCTWORK. CAP WALL PENETRATIONS DURING CONSTRUCTION.

M478 REMOVE EXISTING EXHAUST FAN AND ASSOCIATED DUCTWORK. CAP ROOF PENETRATION DURING CONSTRUCTION.

M480 REMOVE EXISTING CONDENSING UNIT.

M481 REMOVE EXISTING AHU-E1, RF-E1, AND ASSOCIATED DUCTWORK. CAP WALL PENETRATIONS DURING CONSTRUCTION.

M482 EXISTING FAN AND DUCTWORK SERVED CHEMOTHERAPY HOOD. REMOVE AND DISPOSE PER APPROPRIATE REQUIREMENTS.

Revision#	Description	Date:

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: PENTHOUSE LEVEL/ LOW ROOF HVAC DEMOLITION PLAN	Phase: CONSTRUCTION DOCUMENTS	Project Title: RENOVATE AND CONSOLIDATE INPATIENT FUNCTIONS	Project Number: VA #568-14-110, WPE #BR21020
			Building Number: 113
Approved:	FULLY SPRINKLERED	Location: FORT MEADE, SOUTH DAKOTA	Drawing Number: MD104
		Issue Date: 06/10/2022 · Checked: MSH · Drawn: MMM	

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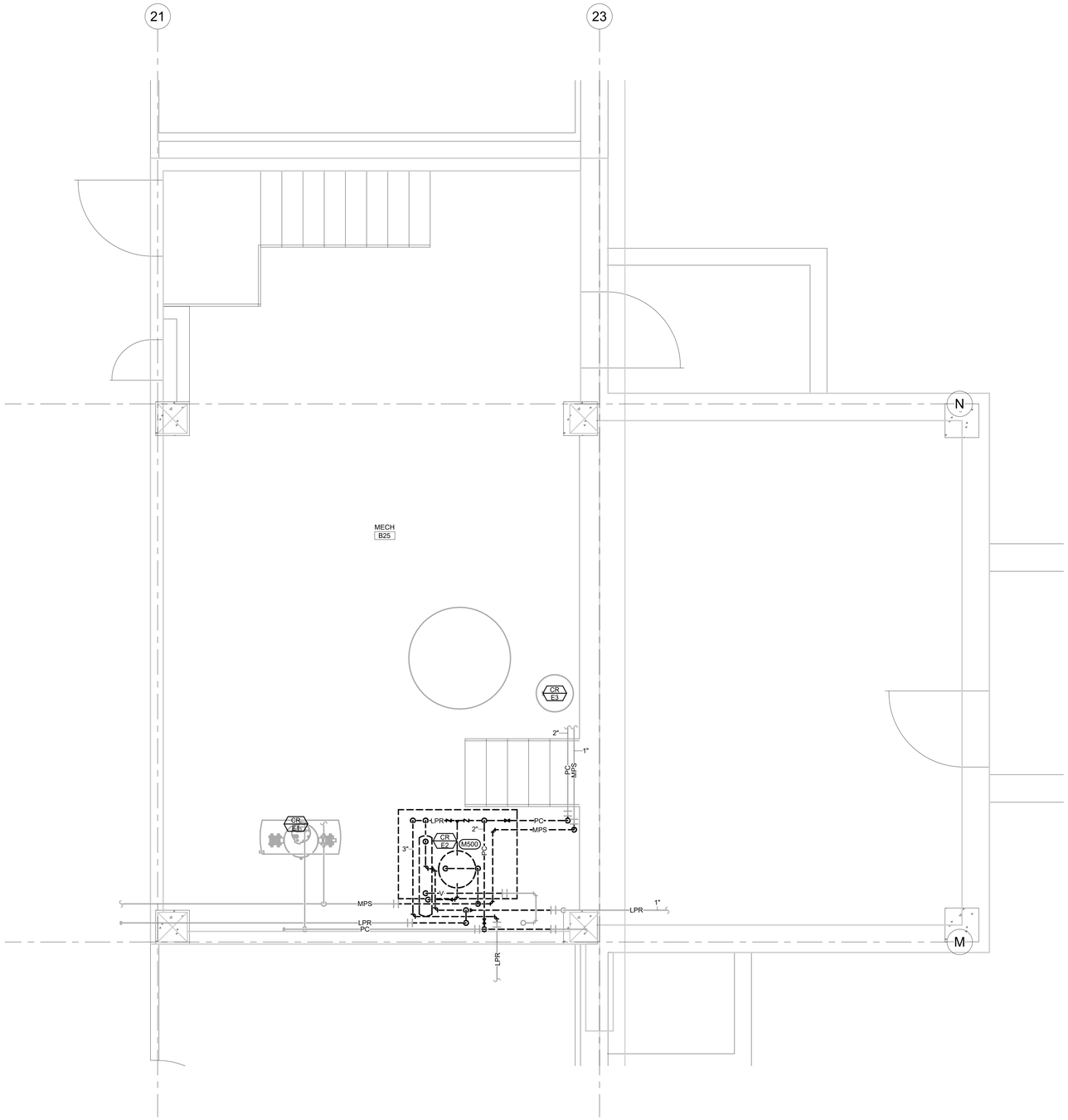

1 PARTIAL BASEMENT HVAC PIPING DEMOLITION PLAN
1/2" = 1'-0"

GENERAL MECHANICAL NOTES

A COORDINATE PHASING AND REMOVAL OF EXISTING PIPING AND EQUIPMENT WITH OWNER

B REMOVE EXISTING PIPING, EQUIPMENT, ETC. WHERE DASHED. CAP PIPING DURING CONSTRUCTION.

C CONTRACTOR TO CONFIRM LOCATIONS OF EXISTING PIPING AND EQUIPMENT.

MECHANICAL SPECIFIC NOTES

M500 REMOVE EXISTING CONDENSATE PUMP, RECEIVER, AND ASSOCIATED PIPING AS INDICATED. OWNER HAS FIRST RIGHT OF REFUSAL ON EXISTING CONDENSATE PUMP AND RECEIVER. COORDINATE WITH OWNER PRIOR TO DEMOLITION.

Revision#	Description	Date:

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6/10/2022

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: PARTIAL BASEMENT HVAC PIPING DEMOLITION PLAN

Approved:

Phase: CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: RENOVATE AND CONSOLIDATE INPATIENT FUNCTIONS

Location: FORT MEADE, SOUTH DAKOTA

Issue Date: 06/10/2022 | Checked: MSH | Drawn: MMM

Project Number: VA #568-14-110 WPE #BR21020

Building Number: 113

Drawing Number: MD105

VA FORM 08 - 6231

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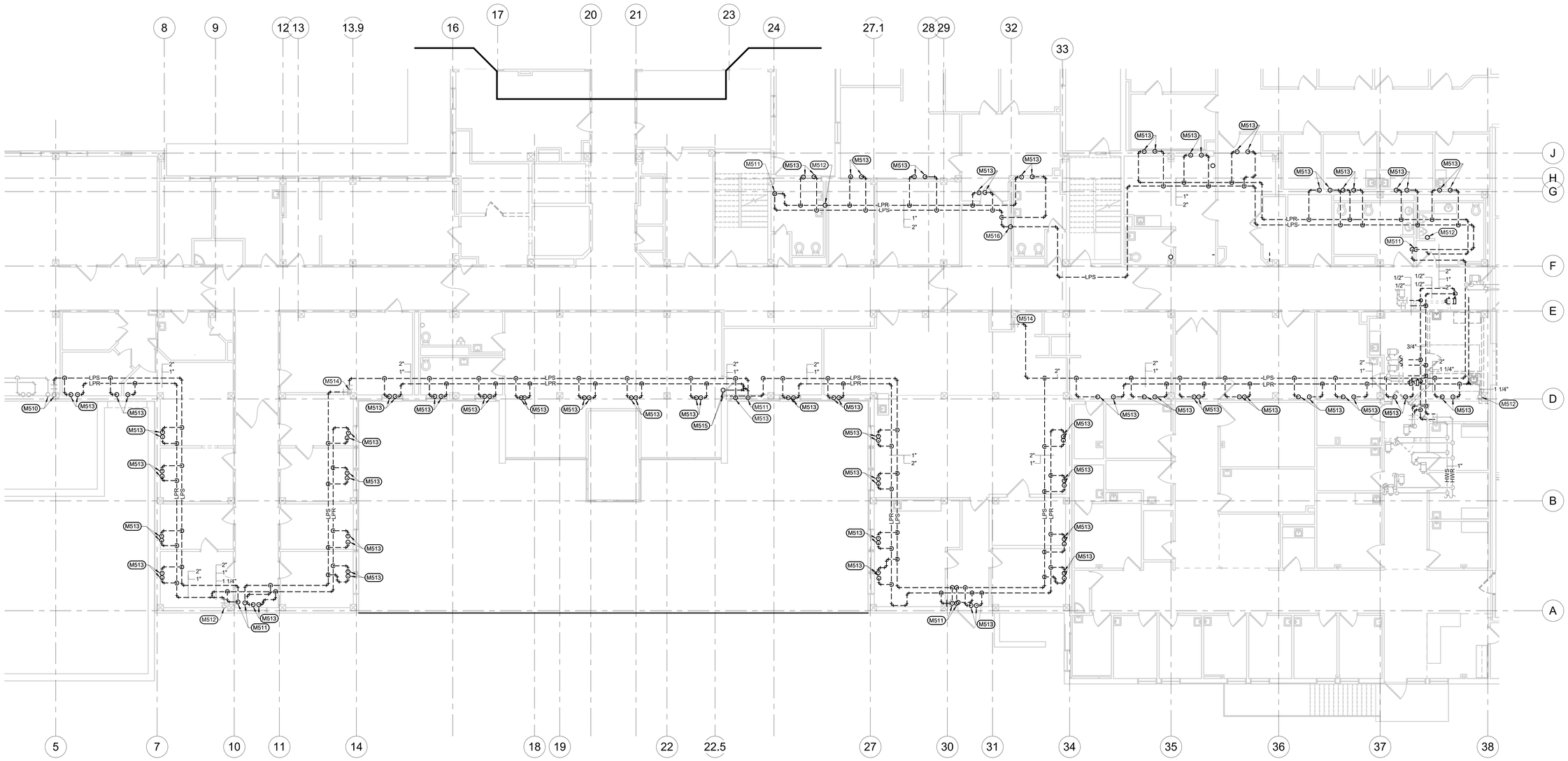

GENERAL MECHANICAL NOTES

A COORDINATE PHASING AND REMOVAL OF EXISTING PIPING AND EQUIPMENT WITH OWNER

B REMOVE EXISTING PIPING, EQUIPMENT, ETC. WHERE DASHED. CAP PIPING DURING CONSTRUCTION.

C CONTRACTOR TO CONFIRM LOCATIONS OF EXISTING PIPING AND EQUIPMENT.

D IT IS BROUGHT TO THE CONTRACTOR'S ATTENTION THAT ASBESTOS CONTAINING MATERIALS (GREATER THAN 1%) ARE PRESENT WITHIN THE PROJECT AREA. REFER TO ARCHITECTURAL DEMOLITION SHEETS FOR LOCATIONS OF KNOWN ASBESTOS. COORDINATE PHASING AND REMOVAL OF ASBESTOS WITH GENERAL CONTRACTOR AND COR.

MECHANICAL SPECIFIC NOTES

#	
M510	CONNECT EXISTING 2" LPS STEAM MAINS TOGETHER.
M511	REMOVE EXISTING END OF MAIN TRAPS.
M512	REMOVE EXISTING LPR PIPING AND CAP ABOVE CEILING.
M513	REMOVE EXISTING LPS AND LPR PIPING UP TO CONVECTOR ON SECOND FLOOR. CAP PIPING AT PIPING SLEEVE AS REQUIRED. REFER TO MD107, SECOND FLOOR AREA A HVAC PIPING DEMOLITION PLAN, FOR CONTINUATION.
M514	CAP EXISTING 2-1/2" LPS RISER.
M515	PROVIDE NEW END OF MAIN TRAP FOR EXISTING 2" LPS AND 1" LPR RISERS.
M516	CAP EXISTING 2" LPS RISER.

Revision#	Description	Date:

CONSULTANTS

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6/10/2022

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	FIRST FLOOR AREA A HVAC PIPING DEMOLITION PLAN
Approved:	
Phase	CONSTRUCTION DOCUMENTS
	FULLY SPRINKLERED
Project Title	RENOVATE AND CONSOLIDATE INPATIENT FUNCTIONS
Location	FORT MEADE, SOUTH DAKOTA
Issue Date	06/10/2022
Checked	MSH
Drawn	MMM
Project Number	VA #568-14-110 WPE #BR21020
Building Number	113
Drawing Number	MD106

VA FORM 08 - 6231

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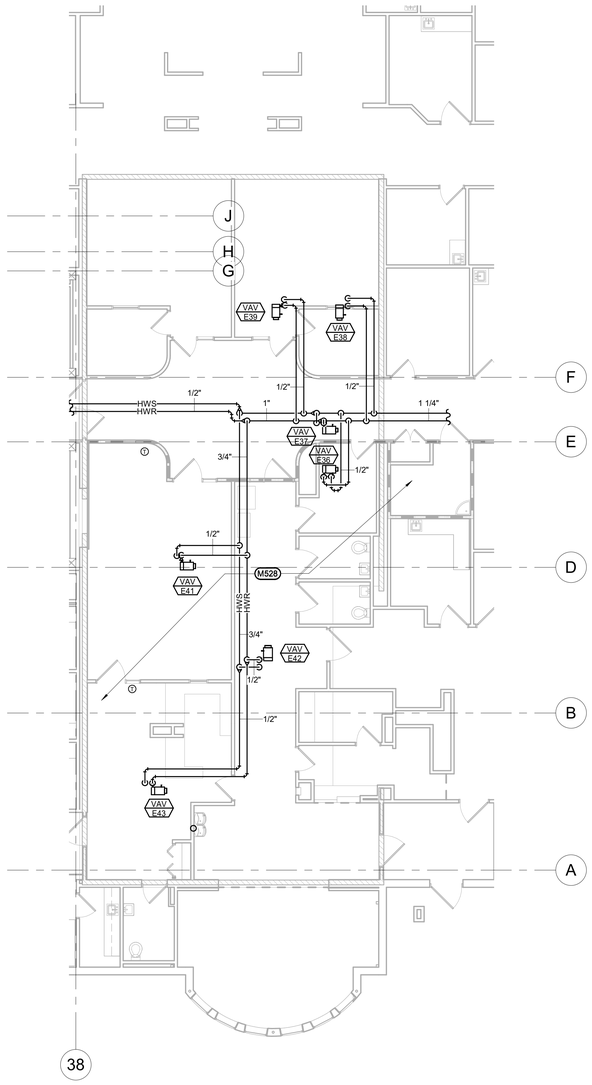
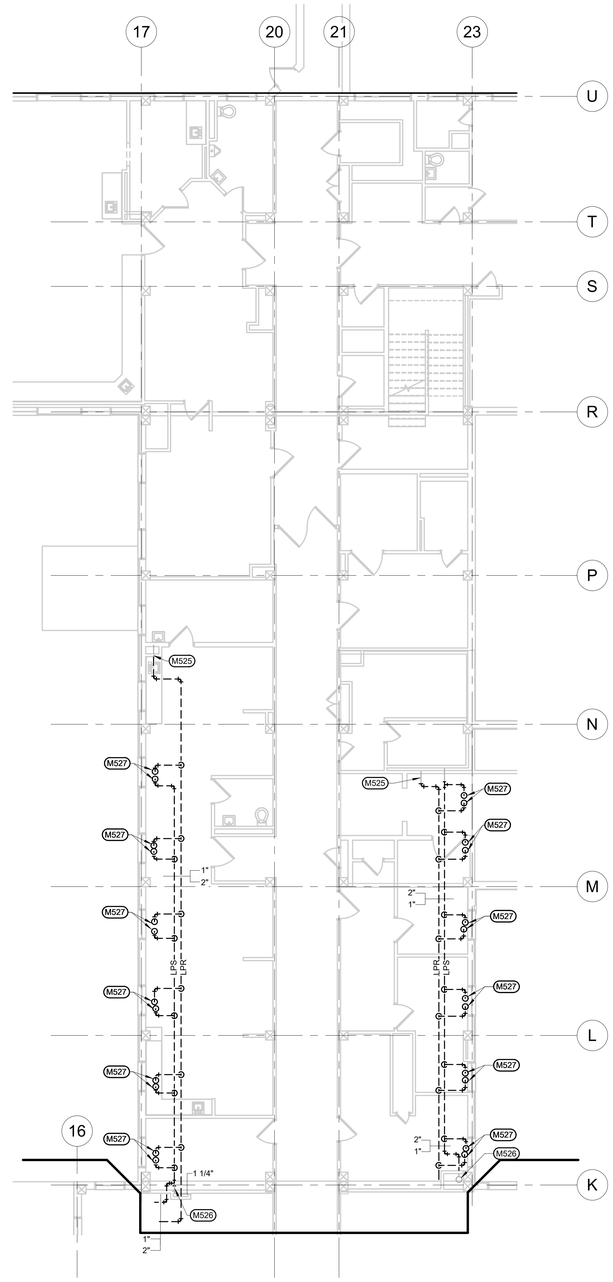


1 FIRST FLOOR AREA C HVAC PIPING DEMOLITION PLAN
1/8" = 1'-0"



2 FIRST FLOOR AREA B HVAC PIPING DEMOLITION PLAN
1/8" = 1'-0"

GENERAL MECHANICAL NOTES

A COORDINATE PHASING AND REMOVAL OF EXISTING PIPING AND EQUIPMENT WITH OWNER.

B REMOVE EXISTING PIPING, EQUIPMENT, ETC. WHERE DASHED. CAP PIPING DURING CONSTRUCTION.

C CONTRACTOR TO CONFIRM LOCATIONS OF EXISTING PIPING AND EQUIPMENT.

D IT IS BROUGHT TO THE CONTRACTOR'S ATTENTION THAT ASBESTOS CONTAINING MATERIALS (GREATER THAN 1%) ARE PRESENT WITHIN THE PROJECT AREA. REFER TO ARCHITECTURAL DEMOLITION SHEETS FOR LOCATIONS OF KNOWN ASBESTOS. COORDINATE PHASING AND REMOVAL OF ASBESTOS WITH GENERAL CONTRACTOR AND COR.

 # MECHANICAL SPECIFIC NOTES

M525 CAP EXISTING 2" LPS RISER.

M526 REMOVE EXISTING LPR PIPING AND CAP ABOVE CEILING.

M527 REMOVE EXISTING LPS AND LPR PIPING UP TO CONVECTOR ON SECOND FLOOR. CAP PIPING AT PIPING SLEEVE AS REQUIRED. REFER TO MD108, SECOND FLOOR AREA B & C HVAC PIPING DEMOLITION PLAN, FOR CONTINUATION.

M528 EXISTING HWS AND HWR PIPING WITHIN THIS AREA TO REMAIN IN OPERATION.

Revision#	Description	Date:

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6/10/2022

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
FIRST FLOOR AREA B & C HVAC PIPING DEMOLITION PLAN	CONSTRUCTION DOCUMENTS	RENOVATE AND CONSOLIDATE INPATIENT FUNCTIONS	VA #568-14-110 WPE #BR21020
Approved:	FULLY SPRINKLERED	Location: FORT MEADE, SOUTH DAKOTA	Building Number: 113
		Issue Date: 06/10/2022 · Checked: MSH · Drawn: MMM	Drawing Number: MD107

VA FORM 08 - 6231

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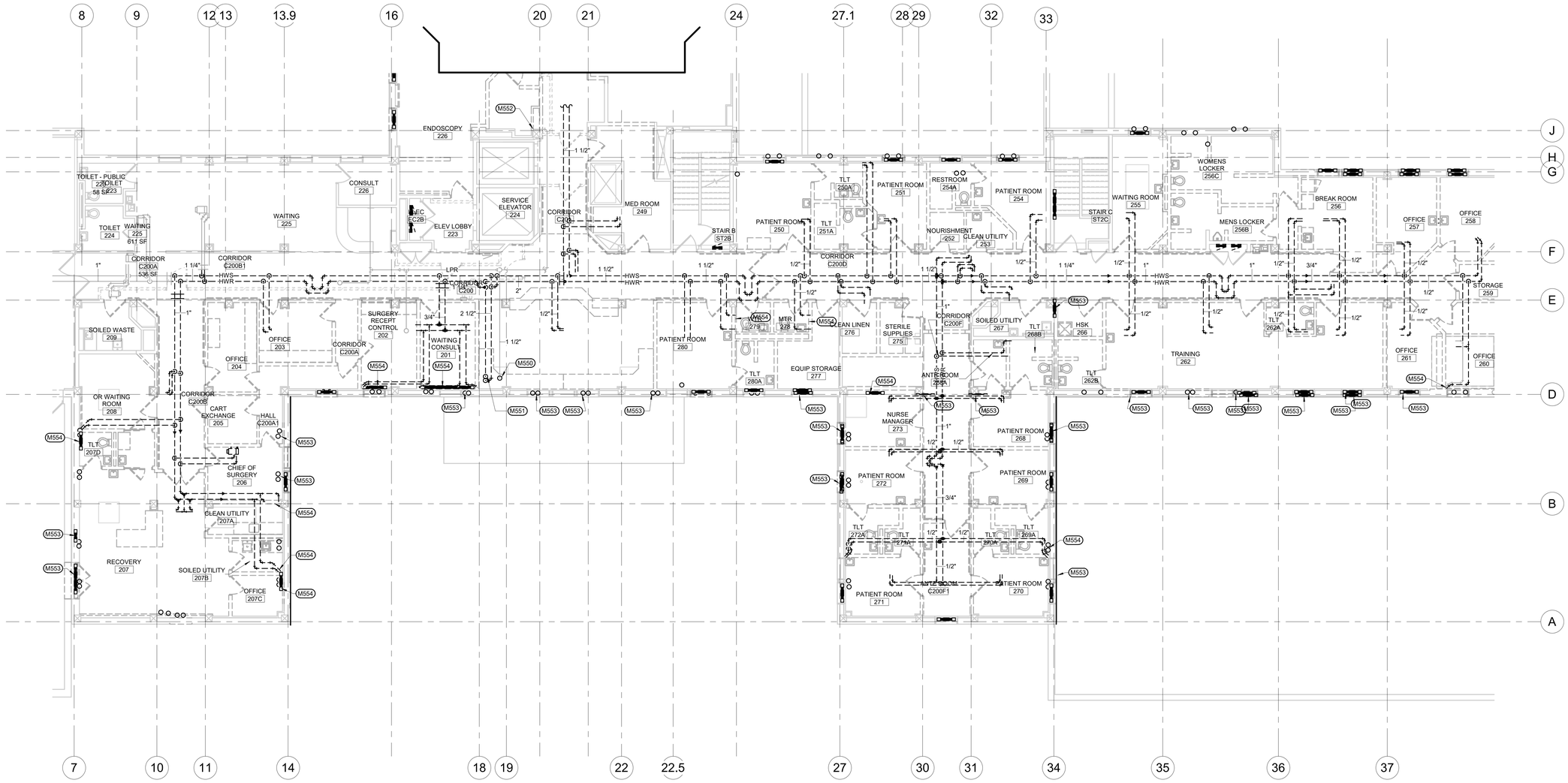

1 SECOND FLOOR AREA A HVAC DEMOLITION PIPING PLAN
1/8" = 1'-0"

GENERAL MECHANICAL NOTES

A COORDINATE PHASING AND REMOVAL OF EXISTING PIPING AND EQUIPMENT WITH OWNER

B REMOVE EXISTING PIPING, EQUIPMENT, ETC. WHERE DASHED. CAP PIPING DURING CONSTRUCTION.

C CONTRACTOR TO CONFIRM LOCATIONS OF EXISTING PIPING AND EQUIPMENT.

D IT IS BROUGHT TO THE CONTRACTOR'S ATTENTION THAT ASBESTOS CONTAINING MATERIALS (GREATER THAN 1%) ARE PRESENT WITHIN THE PROJECT AREA. REFER TO ARCHITECTURAL DEMOLITION SHEETS FOR LOCATIONS OF KNOWN ASBESTOS. COORDINATE PHASING AND REMOVAL OF ASBESTOS WITH GENERAL CONTRACTOR AND COR.

MECHANICAL SPECIFIC NOTES

#	
M550	1-1/2" LPR PIPING DOWN FROM EXISTING HEAT EXCHANGERS.
M551	2-1/2" HWS AND HWR PIPING UP TO PENTHOUSE.
M552	2-1/2" LPS RISER.
M553	REMOVE EXISTING STEAM CONVECTOR AND ASSOCIATED PIPING.
M554	REMOVE EXISTING FINNED TUBE RADIATION (RAD) AND ASSOCIATED PIPING.

Revision#	Description	Date:

CONSULTANTS

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VA U.S. Department of Veterans Affairs

Drawing Title	SECOND FLOOR AREA A HVAC PIPING DEMOLITION PLAN
Phase	CONSTRUCTION DOCUMENTS
Project Title	RENOVATE AND CONSOLIDATE INPATIENT FUNCTIONS
Project Number	VA #568-14-110 WPE #BR21020
Building Number	113
Approved:	
	FULLY SPRINKLERED
Location	FORT MEADE, SOUTH DAKOTA
Issue Date	06/10/2022
Checked	MSH
Drawn	MMM
Drawing Number	MD108

VA FORM 08 - 6231

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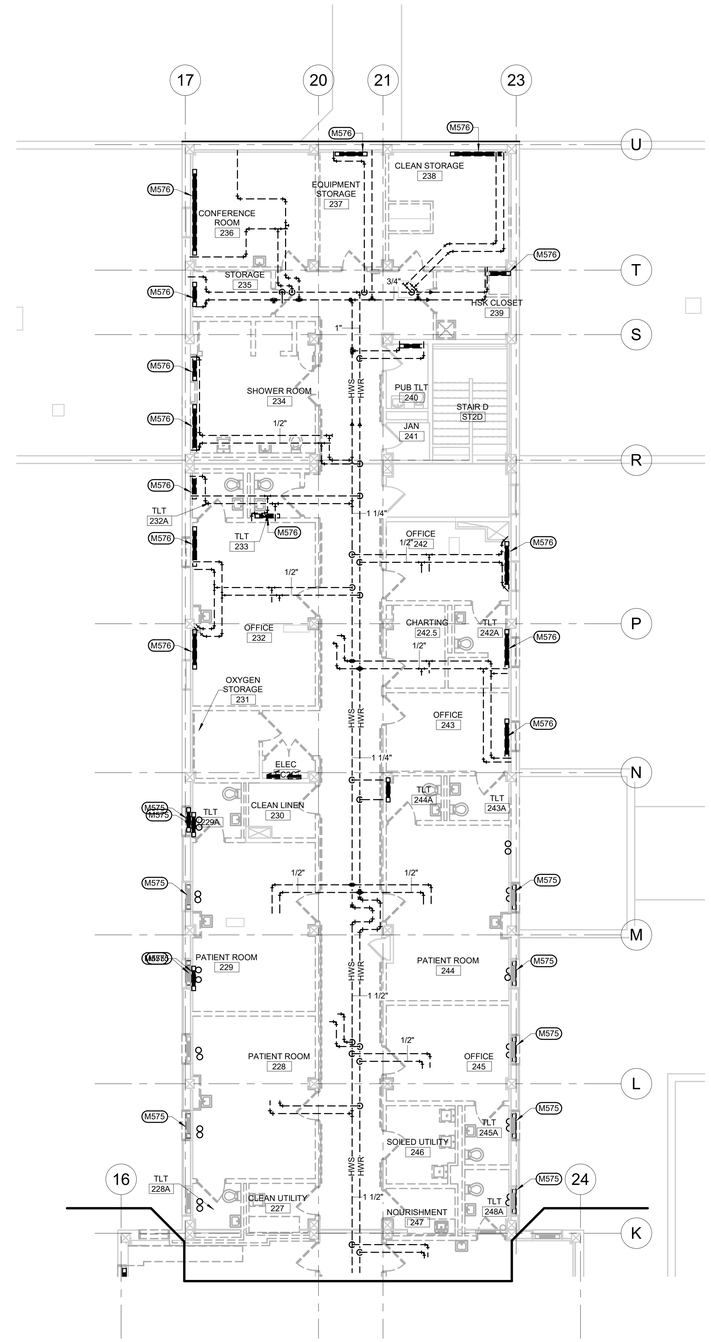

1 SECOND FLOOR AREA B HVAC DEMOLITION PIPING PLAN
1/8" = 1'-0"

GENERAL MECHANICAL NOTES

A COORDINATE PHASING AND REMOVAL OF EXISTING PIPING AND EQUIPMENT WITH OWNER

B REMOVE EXISTING PIPING, EQUIPMENT, ETC. WHERE DASHED. CAP PIPING DURING CONSTRUCTION.

C CONTRACTOR TO CONFIRM LOCATIONS OF EXISTING PIPING AND EQUIPMENT.

D IT IS BROUGHT TO THE CONTRACTOR'S ATTENTION THAT ASBESTOS CONTAINING MATERIALS (GREATER THAN 1%) ARE PRESENT WITHIN THE PROJECT AREA. REFER TO ARCHITECTURAL DEMOLITION SHEETS FOR LOCATIONS OF KNOWN ASBESTOS. COORDINATE PHASING AND REMOVAL OF ASBESTOS WITH GENERAL CONTRACTOR AND COR.

MECHANICAL SPECIFIC NOTES

M575 REMOVE EXISTING STEAM CONVECTOR AND ASSOCIATED PIPING.

M576 REMOVE EXISTING FINNED TUBE RADIATION (RAD) AND ASSOCIATED PIPING.

Revision#	Description	Date:

CONSULTANTS

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title	Phase	Project Title	Project Number
SECOND FLOOR AREA B & C HVAC PIPING DEMOLITION PLAN	CONSTRUCTION DOCUMENTS	RENOVATE AND CONSOLIDATE INPATIENT FUNCTIONS	VA #568-14-110 WPE #BR21020
Approved:	FULLY SPRINKLERED	Location: FORT MEADE, SOUTH DAKOTA	Building Number: 113
		Issue Date: 06/10/2022 · Checked: MSH · Drawn: MMM	Drawing Number: MD109

VA FORM 08 - 6231

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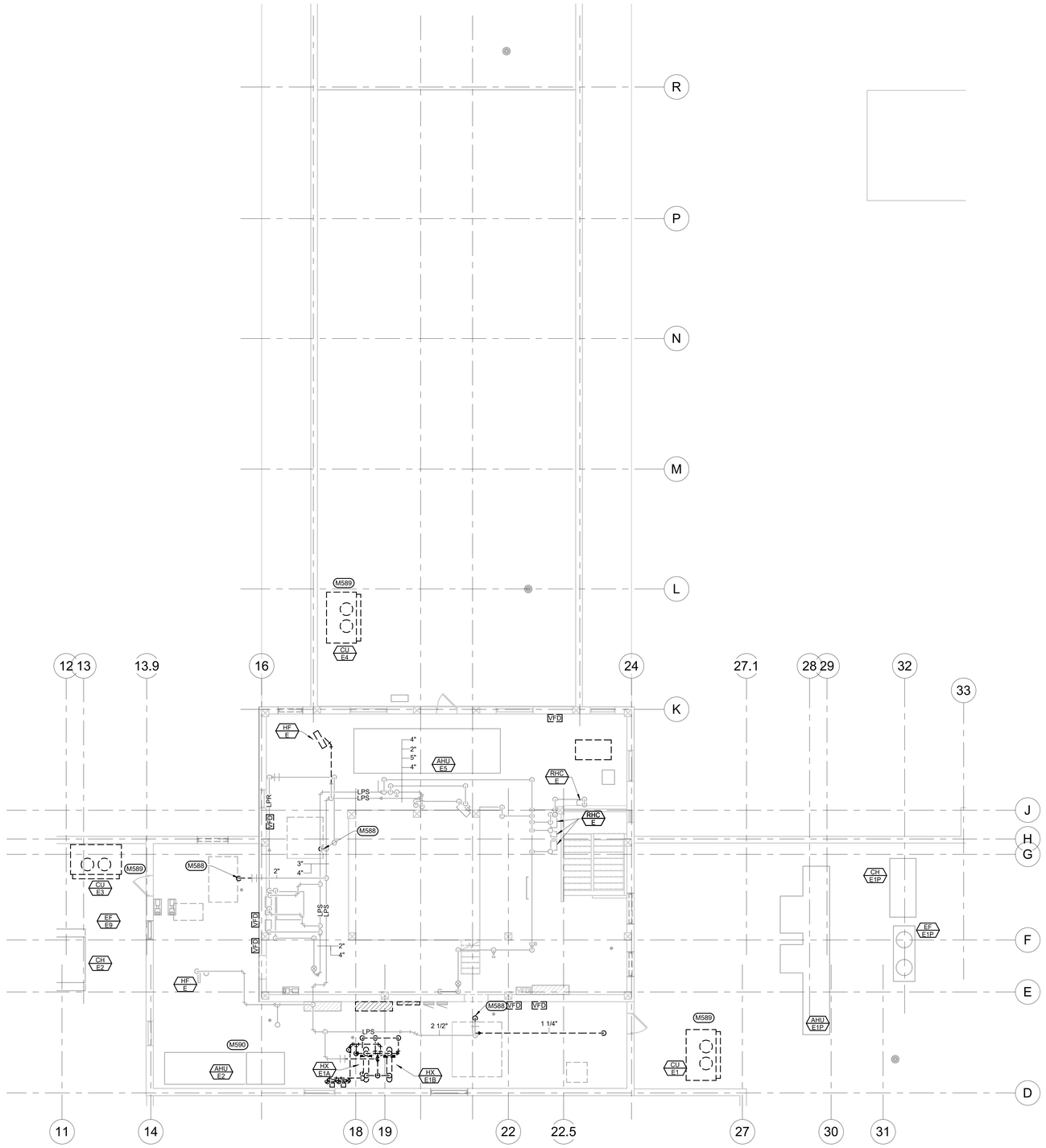

1 PENTHOUSE LEVEL / LOW ROOF HVAC PIPING DEMOLITION PLAN
1/8" = 1'-0"

GENERAL MECHANICAL NOTES

A COORDINATE PHASING AND REMOVAL OF EXISTING PIPING AND EQUIPMENT WITH OWNER

B REMOVE EXISTING PIPING, FIXTURES, ETC. WHERE INDICATED BY HATCHING. CAP PIPING DURING CONSTRUCTION.

C CONTRACTOR TO CONFIRM LOCATIONS OF EXISTING PIPING AND EQUIPMENT.

(#) MECHANICAL SPECIFIC NOTES

M588 REMOVE EXISTING STEAM AND CONDENSATE PIPING WITH 10 FEET OF AHU. CAP PIPING DURING CONSTRUCTION FOR FUTURE CONNECTION.

M589 REMOVE EXISTING RS AND RL PIPING FROM CONDENSING UNIT TO AIR HANDLING UNIT.

M590 EXISTING AHU-E2 AND ASSOCIATED PIPING TO REMAIN.

Revision#	Description	Date:

CONSULTANTS

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6/10/2022

Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title: PENTHOUSE LEVEL/ LOW ROOF HVAC PIPING DEMOLITION PLAN

Approved:

Phase: CONSTRUCTION DOCUMENTS

FULLY SPRINKLERED

Project Title: RENOVATE AND CONSOLIDATE INPATIENT FUNCTIONS

Location: FORT MEADE, SOUTH DAKOTA

Issue Date: 06/10/2022 | Checked: MSH | Drawn: MMM

Project Number: VA #568-14-110 WPE #BR21020

Building Number: 113

Drawing Number: MD110

VA FORM 08 - 6231

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