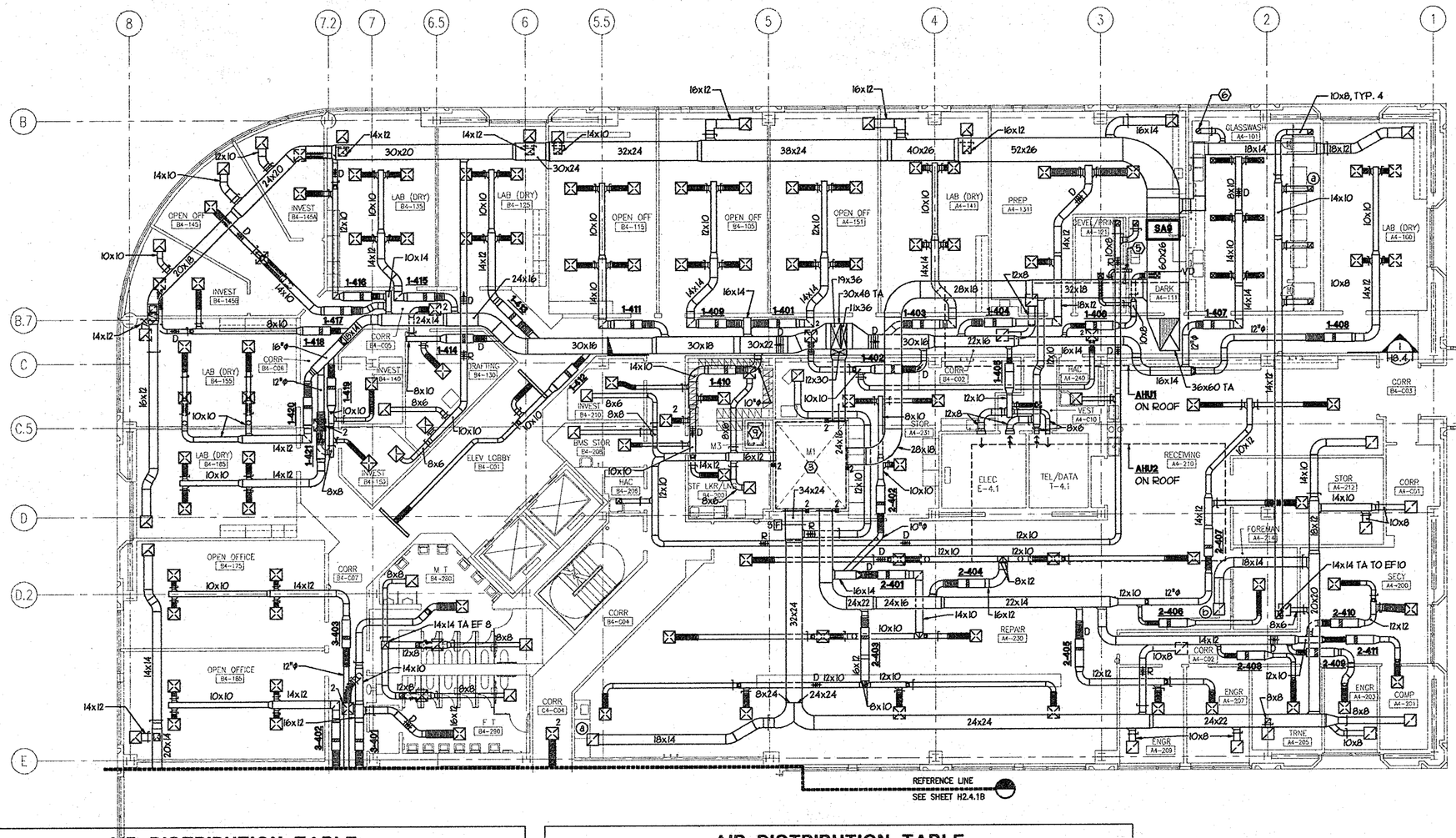

SHEET NOTES:

1. SEE SHEET H2.4.2A FOR THERMOSTAT LOCATIONS.
2. AIR TERMINAL UNITS SHOWN ON THIS SHEET ARE A-4XX, WHERE '4XX' IS NUMBER OF UNIT. 'A' IS NUMBER OF AHU SUPPLYING UNIT.
3. FOR DUCT CONTINUATION IN SHAFT M1 SEE 4/H3.1.1.
4. FOR DUCT CONNECTION SIZE TO DIFFUSERS & REGISTERS REFER TO TABLE ON SHEET H0.1.2 U.O.N.
5. 4"Φ (50 f) DUCT DOWN IN WALL, CONNECT TO XP037, PROVIDE 2" AIR GAP BETWEEN UNIT AND DUCT.
6. 9"Φ DUCT DOWN TO HW011, CONNECT TO 4"Φ DUCT (275 f) AT HW011.
7. DUCT CONNECTION TO ATU SHALL BE SIZED PER SCHEDULE ON SHEETS H0.2.4 & H0.2.5 U.O.N.
8. CONNECT 14"Φ S/A DUCT TO 18"Φ MAIN FROM ATU100-8-304 IN BLDG. 100, WITH 3'-0" LONG FLEXIBLE DUCT ACROSS SEISMIC JOINT.
9. FOR DUCT CONTINUATION IN SHAFT M3 SEE 4/H3.1.1.

AIR DISTRIBUTION TABLE

ROOM NUMBER	ROOM NAME	ATU NO.	CFM (EACH) S/A	CFM (EACH) R/A	CFM (EACH) E/A	CFM (EACH) M/A	SIZE & TYPE S/A	SIZE & TYPE R/A	SIZE & TYPE E/A	QUANTITY S/A	QUANTITY R/A	QUANTITY E/A	REMARKS 1 2
A4-100	LAB (DRY)	1-408	250	0	1150	+150	10x10 PD1	-	PE1	4	0	1	②
A4-101	GLASSWASH	1-407	180	0	240	+150	8"Φ D6	-	PE9	6	0	3	②⑩
A4-101	GLASSWASH	-	-	-	⑧235	-	-	-	PE9	-	-	1	
A4-111	DKRM	1-406	180	0	160	+30	8"Φ D3	-	PE7	1	0	1	②⑨
A4-121	DEVEL/PRINT	1-406	160	0	180	+20	8"Φ D3	-	PE7	1	0	1	②
A4-131	PREP	1-404	440	0	1520	+200	10"Φ CD2	-	PE1	3	0	1	③
A4-141	LAB (DRY)	1-403	260	0	1190	+150	10x10 PD1	-	PE1	4	0	1	②
A4-151	OPEN OFF	1-401	270	0	1080	0	10x10 PD1	-	PE1	4	0	1	
A4-200	SECY	2-410	350	0	0	-350	12x12 PD1	-	-	1	0	0	A4-C01
A4-201	COMP	2-411	280	280	0	0	12x12 PD1	PR1	-	1	1	0	
A4-203	ENGR	2-409	380	380	0	0	12x12 PD1	PR1	-	1	1	0	
A4-205	TRNE	2-408	240	240	0	0	10x10 PD1	PR1	-	1	1	0	
A4-207	ENGR	2-405	350	350	0	0	12x12 PD1	PR1	-	1	1	0	
A4-209	ENGR	2-405	350	350	0	0	12x12 PD1	PR1	-	1	1	0	
A4-210	RECEIVING	2-407	280	560	0	0	10"Φ D1	PR1	-	2	1	0	
A4-212	STOR	2-407	330	330	0	0	10"Φ D1	PR1	-	1	1	0	
A4-214	FOREMAN	2-406	150	150	0	0	6x6 PD1	PR1	-	1	1	0	
A4-230	REPAIR	2-401	290	⑥1590	0	0	10"Φ D1	PR1	-	3	1	0	
A4-230	REPAIR	-	-	⑥1600	-	-	-	PR1	-	-	1	-	
A4-230	REPAIR	2-403	290	-	-	-	10"Φ D1	-	-	4	-	-	
A4-230	REPAIR	2-404	290	-	-	-	10"Φ D1	-	-	4	-	-	
A4-231	STOR	2-402	140	420	0	0	8"Φ D1	PR1	-	3	1	0	
A4-240	HAC	-	0	0	100	+100	-	-	PE2	0	0	1	②
A4-C01	CORR	2-410	400	380	0	-20	12x12 PD1	PR1	-	1	1	0	A4-C02
A4-C02	CORR	-	0	310	0	+310	-	PR1	-	0	1	0	⑤
A4-C10	VEST	1-405	30	0	0	-30	6x6 PD4	-	-	1	0	0	①
A4-C20	BRIDGE	-	510	0	0	-2040	L9D16	-	-	4	0	0	⑥
B4-105	OPEN OFF	1-409	270	0	1080	0	10x10 PD1	-	PE1	4	0	1	
B4-115	OPEN OFF	1-411	190	0	760	0	8x8 PD1	-	PE1	4	0	1	
B4-125	LAB (DRY)	1-413	220	0	1010	+130	8x8 PD1	-	PE1	4	0	1	②
B4-130	DRAFTING	1-414	170	0	170	0	8x8 PD1	-	PE1	1	0	1	
B4-135	LAB (DRY)	1-415	230	0	1060	+140	10x10 PD1	-	PE1	4	0	1	②
B4-140	INVEST	1-419	120	0	120	0	6x6 PD1	-	PE1	1	0	1	
B4-145	OPEN OFF	1-417	360	0	720	0	12x12 PD1	-	PE1	2	0	1	
B4-145A	INVEST	1-416	300	0	600	0	12x12 PD1	-	PE1	2	0	1	
B4-145B	INVEST	1-418	190	0	380	0	8x8 PD1	-	PE1	2	0	1	
B4-150	INVEST	1-419	120	0	120	0	6x6 PD1	-	PE1	1	0	1	

AIR DISTRIBUTION TABLE

ROOM NUMBER	ROOM NAME	ATU NO.	CFM (EACH) S/A	CFM (EACH) R/A	CFM (EACH) E/A	CFM (EACH) M/A	SIZE & TYPE S/A	SIZE & TYPE R/A	SIZE & TYPE E/A	QUANTITY S/A	QUANTITY R/A	QUANTITY E/A	REMARKS 1 2
B4-155	LAB (DRY)	1-420	230	0	1060	+140	10x10 PD1	-	PE1	4	0	1	②
B4-165	LAB (DRY)	1-421	220	0	1010	+130	8x8 PD1	-	PE1	4	0	1	②
B4-175	OPEN OFFICE	3-403	230	0	920	0	10x10 PD1	-	PE1	4	0	1	
B4-185	OPEN OFFICE	3-402	230	0	920	0	10x10 PD1	-	PE1	4	0	1	
B4-200	STF LNG	1-410	160	0	180	+40	8x8 PD1	-	PE1	2	0	2	②
B4-206	HAC	-	0	0	100	+100	-	-	PE6	0	0	1	②
B4-208	BMS STOR	1-410	60	0	70	+10	8"Φ D1	-	PE1	1	0	1	②
B4-210	INVEST	1-410	120	0	120	0	6x6 PD1	-	PE1	1	0	1	
B4-280	M T	3-401	450	0	200	+150	12"Φ D1	-	PE2	1	0	3	①
B4-290	F T	3-401	360	0	230	+100	12x12 PD2	-	PE2	1	0	2	①
B4-C01	ELEV LOBBY	1-412	210	0	0	-420	L9D4	-	-	2	0	0	①
B4-C02	CORR	1-402	250	0	0	-500	10x10 PD1	-	-	2	0	0	④
B4-C03	CORR	-	0	0	0	0	-	-	-	0	0	0	
B4-C04	CORR	1-410	240	0	0	-240	10x10 PD1	-	-	1	0	0	①
B4-C05	CORR	1-414	150	0	0	-150	6x6 PD1	-	-	1	0	0	①
B4-C06	CORR	1-419	150	-	-	-150	6x6 PD1	-	-	1	0	0	①
B4-C07	CORR	3-401	330	0	0	-330	12x12 PD1	-	-	1	0	0	⑥
C4-C04	CORR	3-401	330	0	0	-330	12x12 PD1	-	-	1	0	0	⑥
E-4.1	ELEC	1-405	470	0	470	0	16x12 TER	-	16x12 TER	1	0	1	
T-4.1	TEL/DATA	1-405	120	0	120	0	8x6 TER	-	8x6 TER	1	0	1	

REMARKS

1. ROOM NUMBER(S) PROVIDING (-)/ RECEIVING (+) MAKE-UP AIR (M/A).
2. SYMBOL ⑥ ON PLAN & TABLE INDICATES WHICH DIFFUSER(S)/REGISTER(S) AT CFM NOTED.

① A4-100, A4-101, A4-111, A4-121, A4-131, A4-141, A4-240, B4-125, B4-135, B4-155, B4-165, B4-200, B4-206, B4-208
② A4-C10, B4-C01, B4-C02, B4-C04, B4-C05, B4-C06
③ TG1, 200 f, TRANSFER AIR FROM B4-C02; ①
④ TG1, 200 f, TRANSFER AIR TO A4-131; ②
⑤ A4-200, A4-C01
⑥ B4-280, B4-290, C4-101, C4-111, C4-121, C4-131, C4-141, C4-150, C4-151, C4-155, C4-161, C4-170, C4-171, C4-181, C4-185, C4-191
⑦ B4-C07, C4-140, C4-C01, C4-C02, C4-C04
⑧ CONNECT 18x14 S/A DUCT TO ATU100-8-423; BLDG. 100, ROOM D4-C14, SEE SHEET 100-H2.4.1C
⑨ XP037, 50 CFM E/A
⑩ HW011, 275 CFM E/A

"FOR BASIC FIRE PROTECTION DIAGRAMS, SEE FIRE PROTECTION PLANS, FP PREFIX DRAWINGS. FOR SPECIFIC PARTITION TYPES SEE ARCHITECTURAL DIMENSION PLANS."

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Food Service Consultant
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TGJ/DA/BV DESIGNER/DRAFTER | 911115 PROJECT NO.

KEY PLAN

Revisions	Date

Location: VA Medical Center, Palo Alto, CA

Project Title: REPLACE CLINICAL/ BED TOWER FOR SEISMIC CORRECTIONS

FULLY SPRINKLERED

TRA Project No.	Checked	Drawn
93007	TGJ	DA

Drawing Title: FOURTH FLOOR PLAN, AREA A – DUCTWORK

Scale 1/8" = 1'-0"

VA Project No	Building Number
640-042G	101

Date: 2 MAY 1994

DRAWING NO. H2.4.1A

Dwg of