

16 17 16.3 15.3 14.3 13.3 12.3 11.3 10.3 10

NOTES:

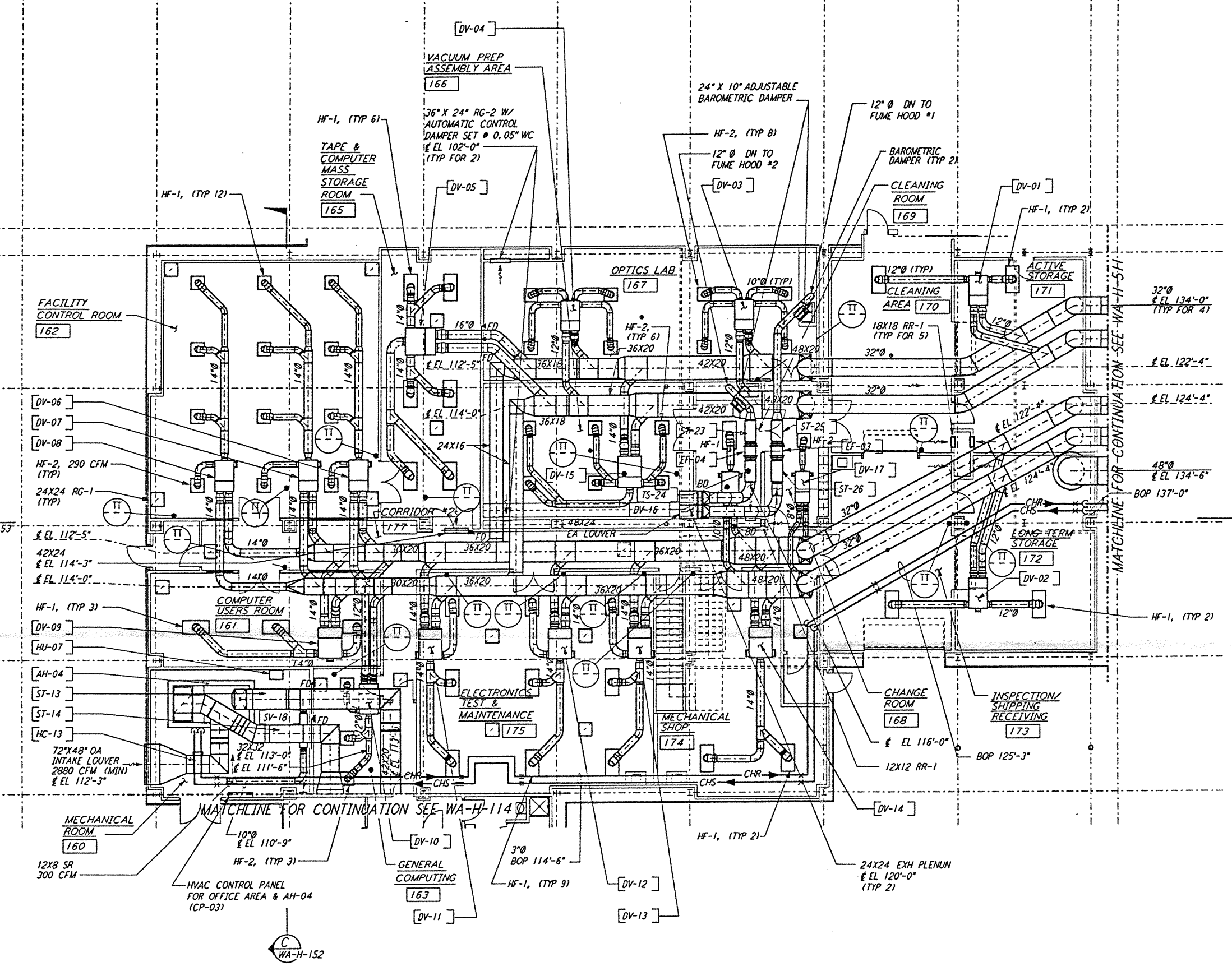
1. FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES SEE SHEETS WA-H-001 AND WA-H-002.
2. ALL SUPPLY AIR DUCTS SHALL BE DOUBLE WALL WITH 1" RIGID INSULATION AND PERFORATED SHEET METAL LINER.
3. RETURN AIR DUCTS SHALL BE DOUBLE WALL WITH 1/2" RIGID INSULATION AND PERFORATED SHEET METAL LINER.
4. OUTSIDE AIR DUCTS AND INTAKE PLENUMS SHALL BE DOUBLE WALL WITH 2" INSULATION AND SHEET METAL JACKET.
5. FUME HOOD EXHAUST DUCTS SHALL BE SINGLE WALL 304 STAINLESS STEEL, ALL WELDED. INSULATE DISCHARGE PLENUM UP TO THE EXHAUST FAN WITH 1" FIBERGLASS INSULATION & SHEET METAL JACKET.
6. HF-1 (48"x24") SHALL BE 580 CFM EACH.
7. HF-2 (24"x24") SHALL BE 290 CFM EACH.

VAV TERMINAL	SIZE	CFM SETTING				TEMP SETTING	
		COLD		WARM		MIN	MAX
		MIN	MAX	MIN	MAX		
W-CS-171-DV-01	08	0	1160	0	1160	65	80
W-CS-172-DV-02	08	0	1160	0	1160	65	80
W-CS-173-DV-03	08	0	1160	0	1160	72	72
W-CS-170-DV-04	08	0	1160	0	1160	72	72
W-CS-167-DV-05	10	0	3480	0	3480	72	72
W-CS-167-DV-06	08	0	1160	0	1160	72	72
W-CS-166-DV-07	08	0	1160	0	1160	72	72
W-CS-165-DV-08	08	0	1160	0	1160	72	72
W-CS-164-DV-09	09	0	1740	0	1740	72	72
W-CS-164-DV-10	07	0	870	0	870	72	72
W-CS-162-DV-11	09	0	1740	0	1740	72	72
W-CS-161-DV-12	09	0	1740	0	1740	72	72
W-CS-174-DV-13	09	0	1740	0	1740	72	72
W-CS-175-DV-14	09	0	1740	0	1740	72	72
W-CS-175-DV-15	09	0	1740	0	1740	72	72
W-CS-175-DV-16	05	0	580	0	580	72	72
W-CS-175-DV-17	03	0	290	0	290	72	72

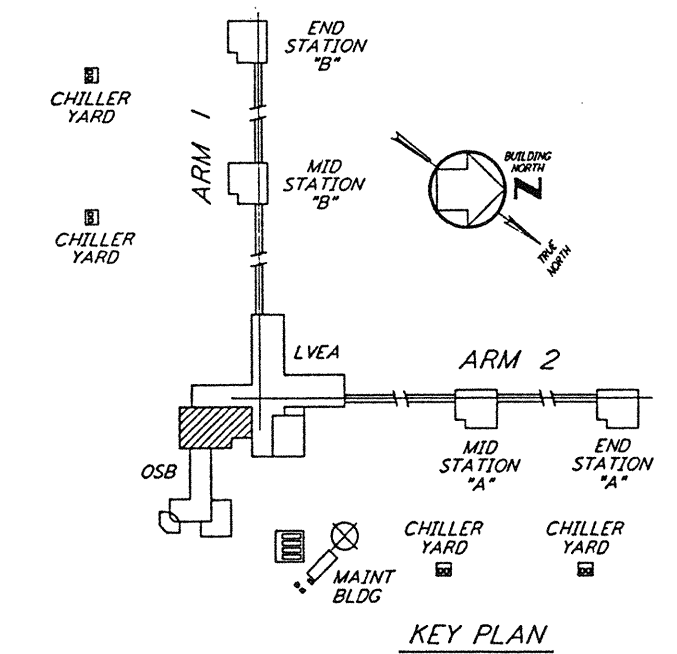
ALL VAV TERMINAL SHALL BE CONSTANT VOLUME, FACTORY PRESET

LEGEND:

- HF-1, HEPA FILTER OUTLET, 580 CFM, 48"x24" (TYP)
- HF-2, HEPA FILTER OUTLET, 290 CFM, 24"x24" (TYP)
- Room Temperature Sensor/Transmitter



OSB FLOOR PLAN
1/4" = 1'-0"



0 8 16 24 32 FT
1/4" = 1'-0"

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NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
B	4-19-96	CLP	ME	AA	TDM	FINAL DESIGN REVIEW & BID
A	10-31-95	CLP	ME	AA	TDM	PRELIMINARY DESIGN REVIEW

DRAWN	CLP
CHECKED	
ENGINEER	
PROJ	

PARSONS
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CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

LASER INTERFEROMETER
GRAVITATIONAL-WAVE OBSERVATORY
SITE NO. 1 - HANFORD, WASHINGTON

TITLE: HVAC
CORNER STATION
OSB FLOOR PLAN
SHEET 1

SCALE: AS NOTED
CONTRACT NUMBER: PPI50969
PROJECT NUMBER: 8094

WA-H-113

L160-D960350-B-1