

NOTES:

1. FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES SEE SHEETS LA-H-001 AND LA-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	CFM SETTING	COLD		WARM		TEMP SETTING	
		MIN	MAX	MIN	MAX	MIN	MAX
		VAV TERMINAL NUMBER					
L-CS-171-DV-01	08	0	1160	0	1160	65	80
L-CS-172-DV-02	08	0	1160	0	1160	65	80
L-CS-173-DV-03	08	0	1160	0	1160	72	72
L-CS-170-DV-04	08	0	1160	0	1160	72	72
L-CS-167-DV-05	10	0	3480	0	3480	72	72
L-CS-167-DV-06	08	0	1160	0	1160	72	72
L-CS-166-DV-07	08	0	1160	0	1160	72	72
L-CS-165-DV-08	08	0	1160	0	1160	72	72
L-CS-164-DV-09	09	0	1740	0	1740	72	72
L-CS-164-DV-10	07	0	870	0	870	72	72
L-CS-162-DV-11	09	0	1740	0	1740	72	72
L-CS-161-DV-12	09	0	1740	0	1740	72	72
L-CS-174-DV-13	09	0	1740	0	1740	72	72
L-CS-175-DV-14	09	0	1740	0	1740	72	72
L-CS-175-DV-15	09	0	1740	0	1740	72	72
L-CS-175-DV-16	05	0	580	0	580	72	72
L-CS-175-DV-17	03	0	290	0	290	72	72

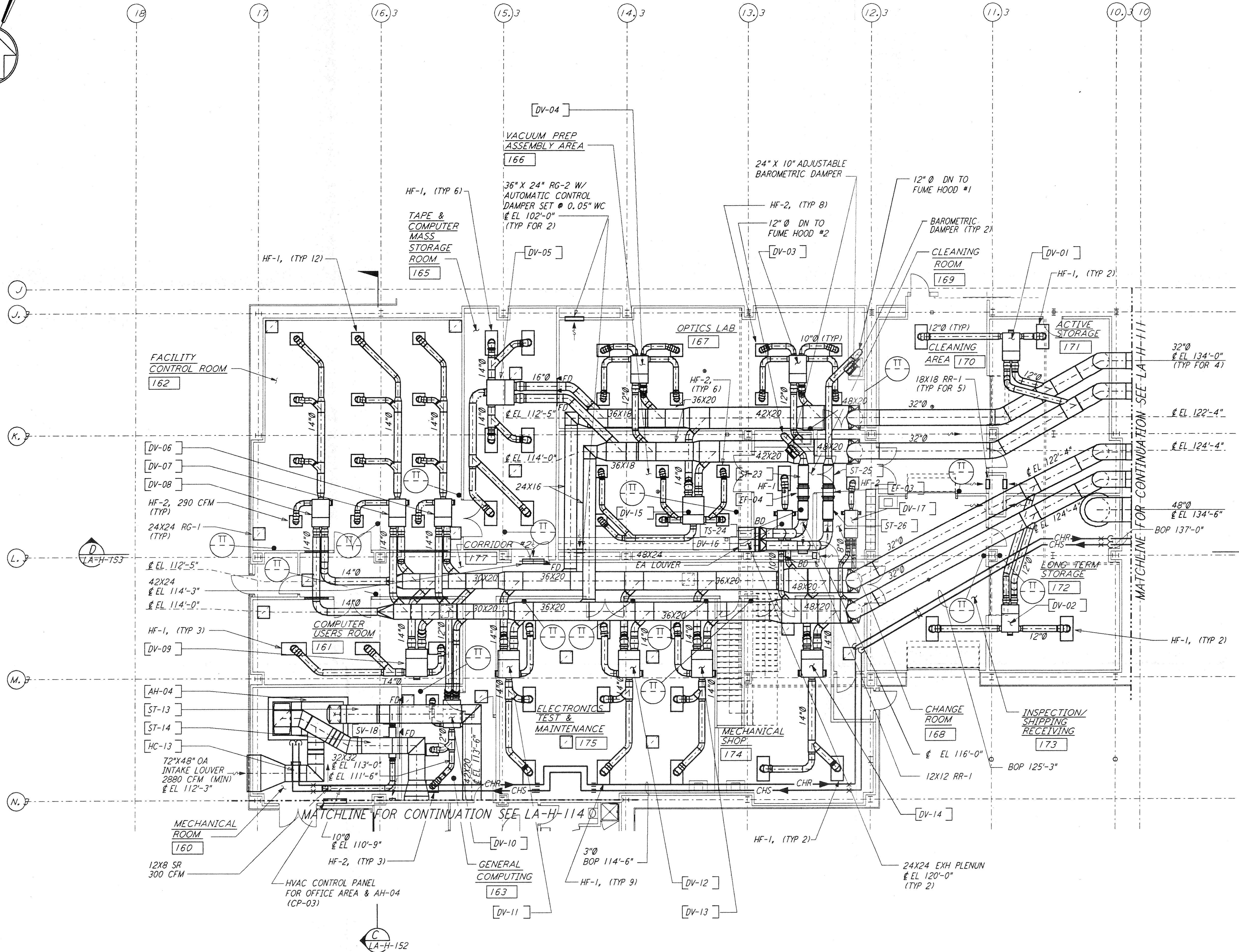
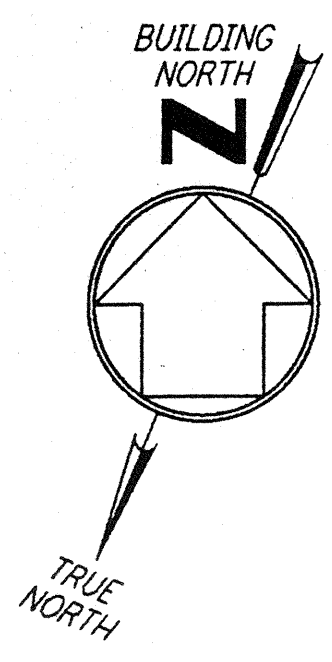
ALL VAV TERMINAL SHALL BE CONSTANT VOLUME, FACTORY PRESET

LEGEND:

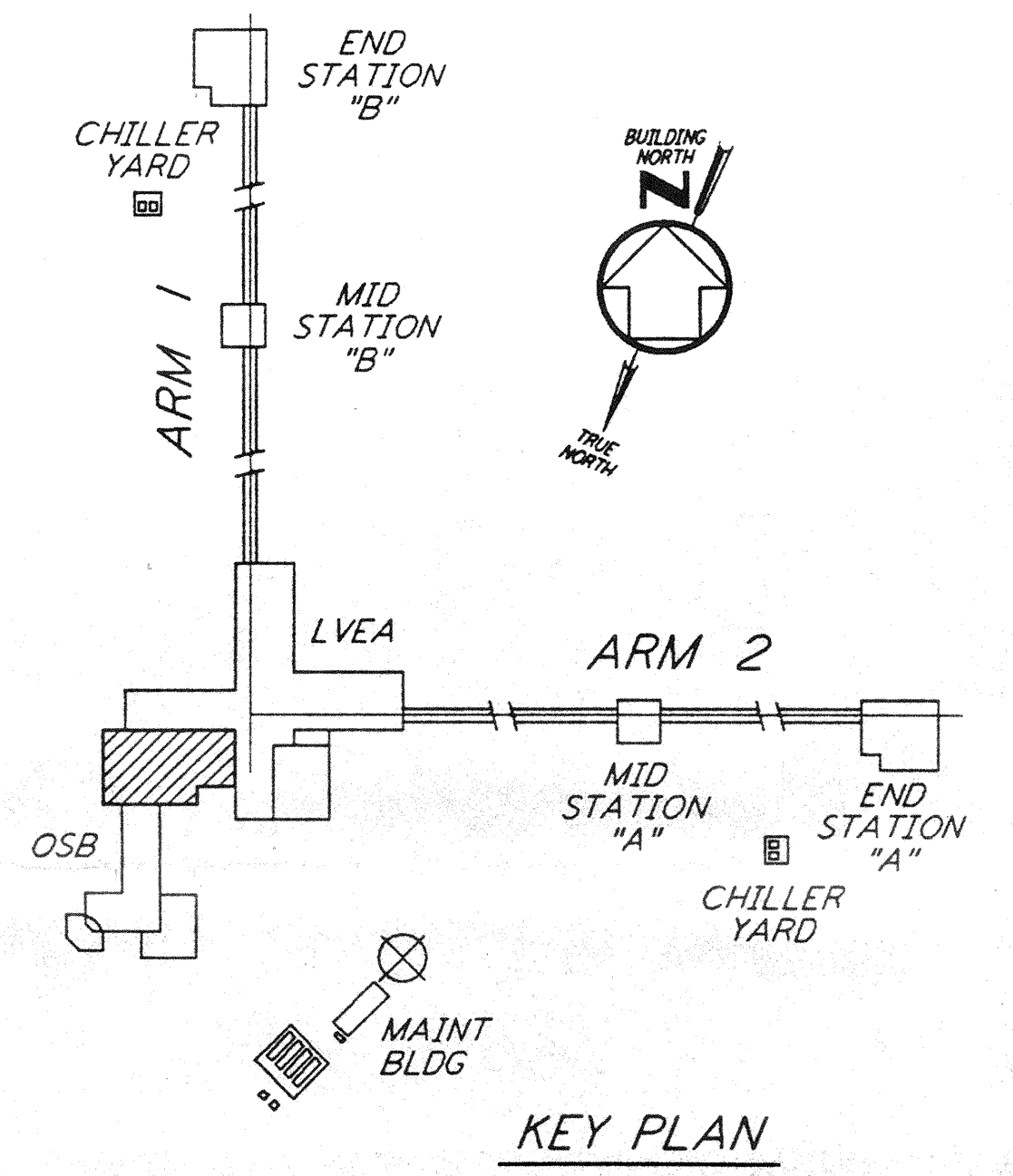
- HF-1, HEPA FILTER OUTLET, 580 CFM, 48"x24" (TYP)
- HF-2, HEPA FILTER OUTLET, 290 CFM, 24"x24" (TYP)
- ROOM TEMPERATURE SENSOR/TRANSMITTER

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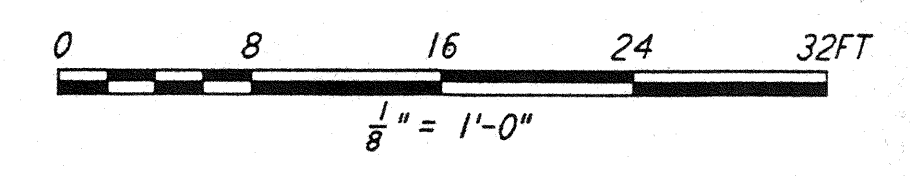
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OSB FLOOR PLAN
1/8" = 1'-0"

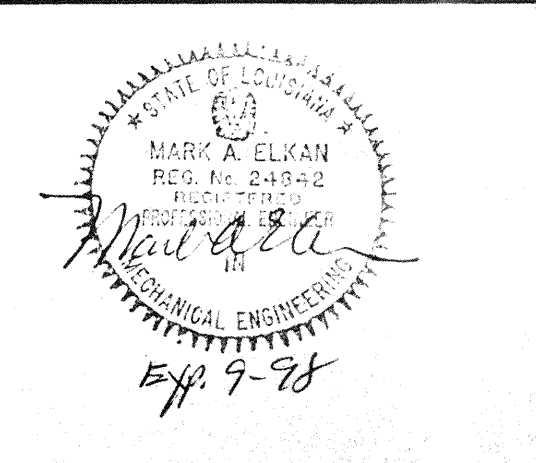


KEY PLAN



REFERENCES	NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION

ISSUED FOR CONSTRUCTION
 DRAWN CLP 11-15-96
 CHECKED TMS 10-23-96
 ENGINEER AA 10-23-96
 PROJ 2000 11/15/96



PARSONS
 100 WEST WALNUT STREET
 PASADENA, CALIFORNIA

LIGO
 CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

LASER INTERFEROMETER
 GRAVITATIONAL-WAVE OBSERVATORY
 SITE NO. 2 - LIVINGSTON, LOUISIANA

HVAC
 CORNER STATION
 OSB FLOOR PLAN
 SHEET 1

SCALE: AS NOTED
 CONTRACT NUMBER: PPI 150969
 PROJECT NUMBER: 8094

LA-H-113

L160-D960969-00-0