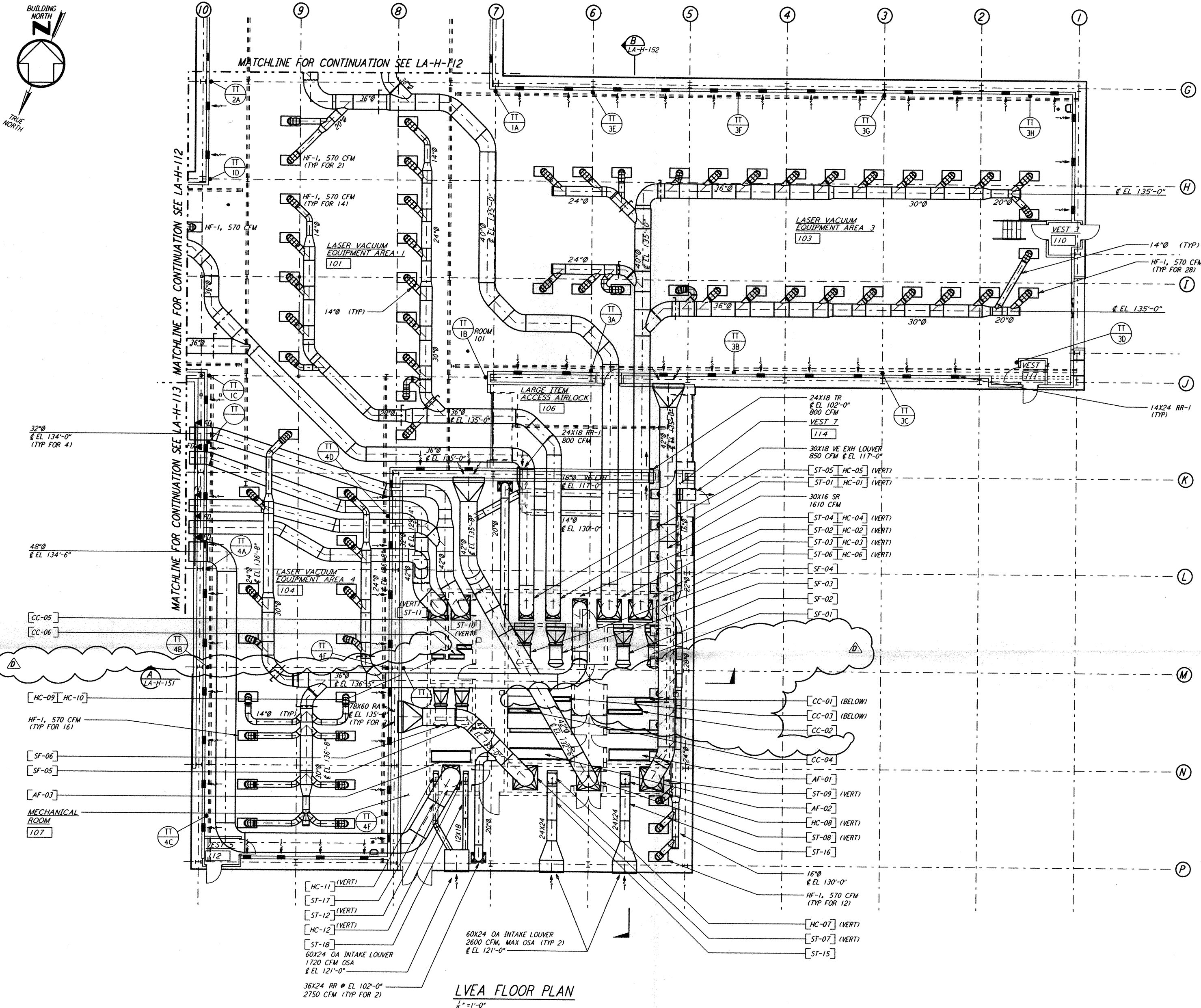
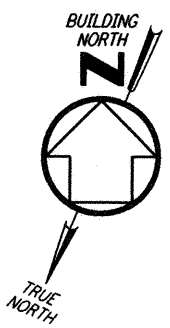


Tue Sep 10 10:41:11 1996 s3-v18b2 J:\PLOTS\SEQUENCES\18B2\MU11B.PRF

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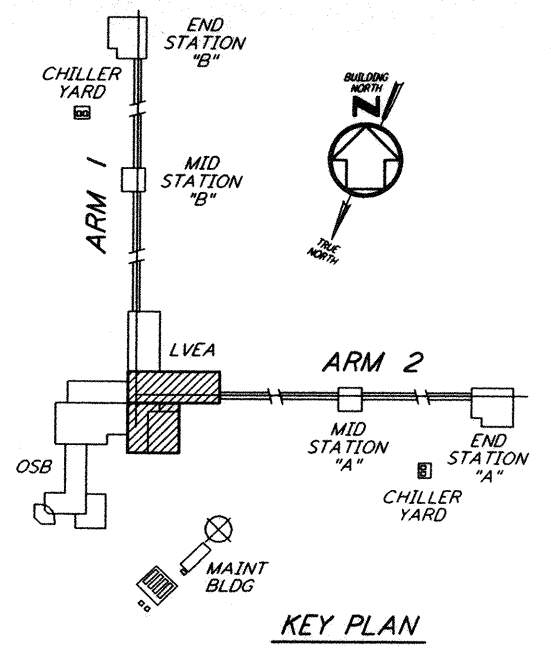
DATE: 09/10/96 TIME: 10:43:10  
 DESIGN FILE: I:\lgo\site2\mu11b11.d32



- NOTES:**
- FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES SEE SHEETS LA-H-001 AND LA-H-002.
  - ALL SUPPLY AIR DUCTS SHALL BE DOUBLE WALL WITH 1" RIGID INSULATION AND PERFORATED SHEET METAL LINER.
  - RETURN AIR DUCTS FROM LVEA SHALL BE DOUBLE WALL WITH 1" RIGID INSULATION AND PERFORATED SHEET METAL LINER.
  - RETURN AIR DUCTS FROM OSB SHALL BE SINGLE WALL WITHOUT INSULATION WITHIN OSB ARE, DOUBLE WALL WITH 1" RIGID INSULATION AND PERFORATED SHEET METAL LINER INSIDE LVEA AND MECHANICAL ROOM.
  - RETURN AIR DUCTS FROM MECHANICAL ROOM SHALL BE SINGLE WALL WITHOUT INSULATION.
  - OUTSIDE AIR DUCTS AND INTAKE PLENUMS SHALL BE DOUBLE WALL WITH 2" INSULATION AND SHEET METAL JACKET.
  - THE INTERIOR ENVELOPE OF THE AIR HANDLING UNITS AND THE SUPPLY AIR PLENUM EXCEPT FLOOR SHALL BE COVERED BY 2" RIGID DUCT LINER WITH PERFORATED SHEET METAL LINER.
  - DRAWINGS SHOW THE GENERAL ARRANGEMENT OF THE AIR HANDLING UNITS LAYOUT, THE CONTRACTOR WILL SUBMIT THE SHOP DRAWINGS INDICATING ALL CONSTRUCTION DETAILS.
  - THE TEMPERATURE SENSORS FOR EACH ZONE WILL BE USED TO AVERAGE THE ROOM TEMPERATURE OR TO SELECT ANY ONE TO CONTROL THE ROOM TEMPERATURE.
  - LOCATE ROOM TEMPERATURE SENSORS/TRANSMITTER INSIDE LVEA AT 18" ABOVE FINISHED FLOOR. LOCATE SENSORS AWAY FROM ANY HEAT SOURCE.
  - LOCATE RETURN AIR REGISTERS ON THE WALLS BETWEEN STUDS.
  - FOR PIPING FLOOR PLAN SEE SHEET LA-H-117.
  - FOR LOCATION OF CONTROL PANELS SEE SHEET LA-H-117.

ROOM TEMPERATURE SETTING		
ROOM NAME	TEMPERATURE SET POINT (°F)	
	MIN	MAX
LVEA AREA-1	72	72
LVEA AREA-2	72	72
LVEA AREA-4	72	72
LVEA AREA-5	72	72
MECHANICAL ROOM	65	80

- LEGEND:**
- ROOM TEMPERATURE SENSOR/TRANSMITTER
  - TEMPERATURE TRANSMITTER ID LETTER
  - LASER VACUUM EQUIPMENT AREA NUMBER
  - HF-1, HEPA FILTER OUTLET, 570 CFM



**LVEA FLOOR PLAN**  
 1/8" = 1'-0"

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
D	9-10-96	CLP	ME	AA	TDM	BID ADDENDUM #2
C	7-24-96	CLP	ME	AA	TDM	ISSUED FOR BID
B	6-14-96	CLP	ME	AA	TDM	FINAL DESIGN REVIEW
A	10-31-95	CLP	ME	AA	TDM	PRELIMINARY DESIGN REVIEW

DRAWN	CLP
CHECKED	
ENGINEER	
PROJ	

**PARSONS**  
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 PASADENA, CALIFORNIA

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 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

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

HVAC  
 CORNER STATION  
 LVEA FLOOR PLAN  
 SHEET 1

AS NOTED PPI 50969 8094  
**LA-H-111**