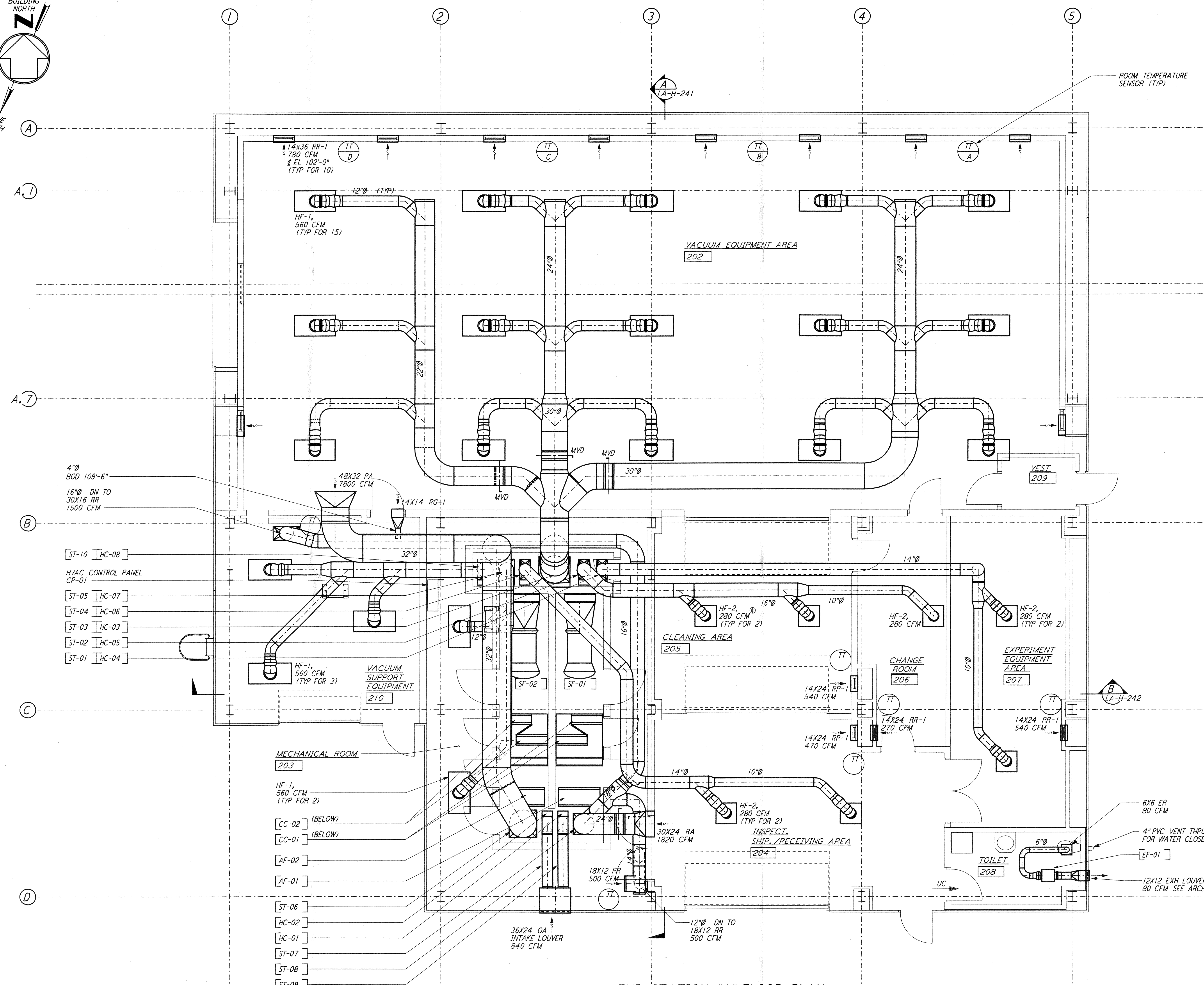
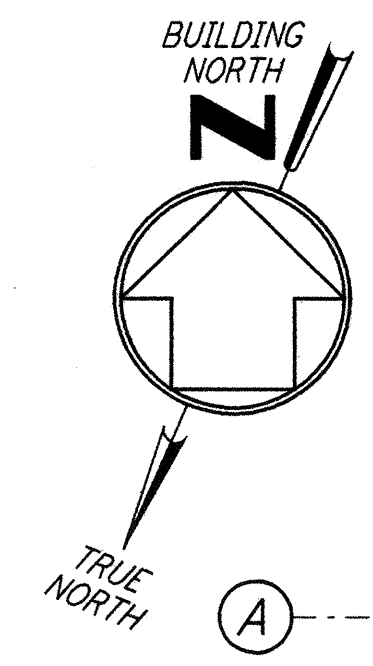


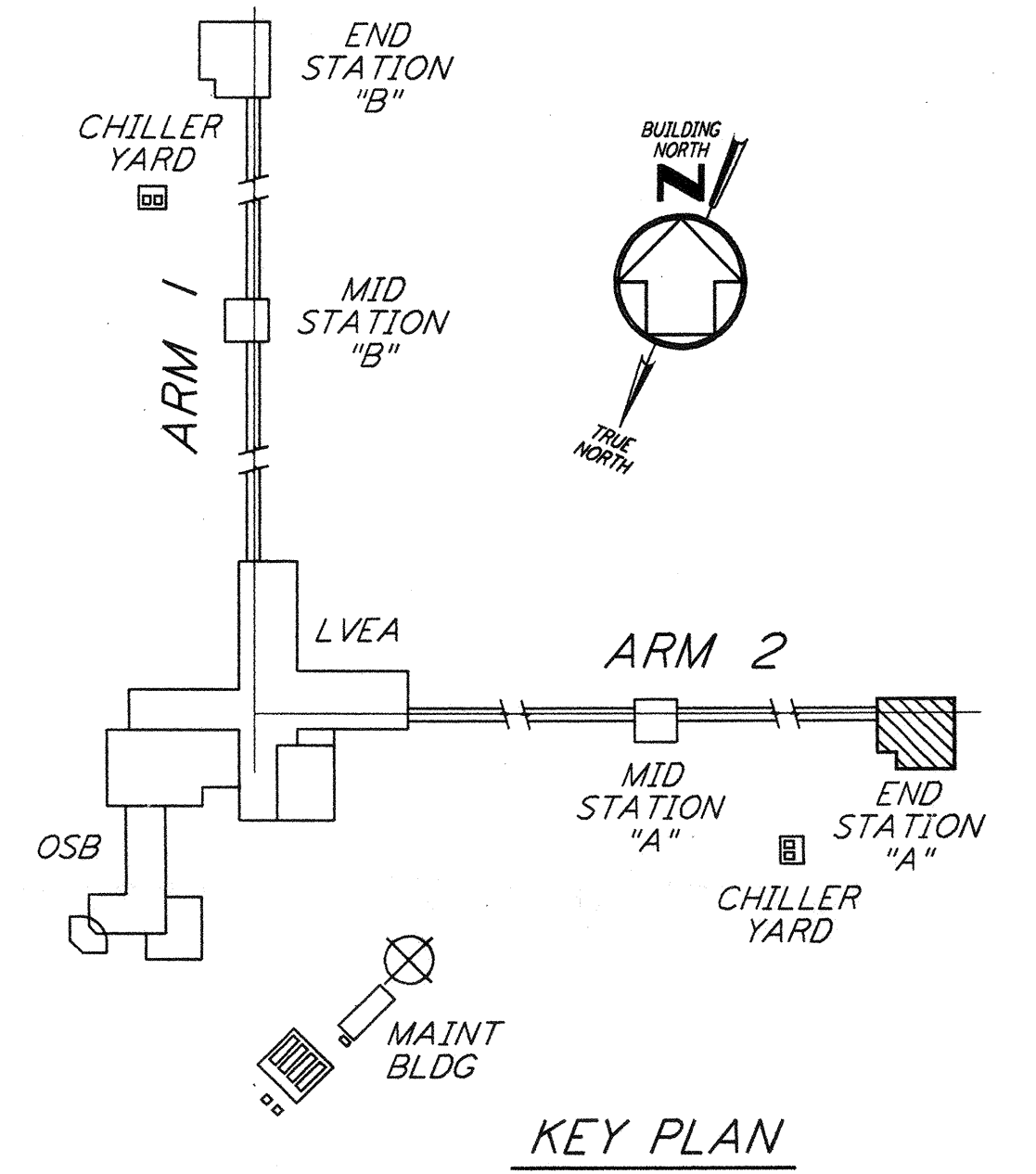
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- NOTES:**
- FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES SEE SHEET LA-H-001 AND LA-H-002.
  - ALL SUPPLY AIR DUCTS SHALL BE DOUBLE WALL WITH 1" RIGID INSULATION AND PERFORATED SHEET METAL LINER.
  - RETURN AIR DUCTS FROM VEA ROOM (202) SHALL BE DOUBLE WALL WITH 2" RIGID INSULATION AND PERFORATED SHEET METAL LINER.
  - ALL OTHER RETURN AIR DUCTS SHALL BE SINGLE WALL WITHOUT INSULATION OR DUCT LINER.
  - OUTSIDE AIR DUCTS AND INTAKE PLENUMS SHALL BE DOUBLE WALL WITH 2" INSULATION AND SHEET METAL JACKET.
  - TOILET EXHAUST DUCTS SHALL BE SINGLE WALL WITH 1/2" RIGID DUCT LINING.
  - HU-01 & HU-02 SHALL BE LOCATED ON TOP OF THE AIR HANDLING UNIT.
  - VACUUM EQUIPMENT AREA SHALL BE PROVIDED WITH FOUR TEMPERATURE SENSORS TO AVERAGE THE ROOM TEMPERATURE OR TO SELECT ANY ONE TO CONTROL THE ROOM TEMPERATURE.
  - LOCATE TEMPERATURE SENSORS IN VEA 18" ABOVE FLOOR. LOCATE SENSORS AWAY FROM HEAT SOURCE.
  - LOCATE TEMPERATURE SENSORS IN OTHER ROOMS 48" ABOVE FLOOR.
  - THE INTERIOR ENVELOPE OF THE AIR HANDLING UNITS AND THE SUPPLY AIR PLENUM (EXCEPT FLOOR) SHALL BE COVERED WITH 2" RIGID DUCT LINER WITH PERFORATED SHEET METAL LINER.
  - DRAWINGS SHOW THE GENERAL ARRANGEMENT OF THE AIR HANDLING UNITS. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS INDICATING ALL CONSTRUCTION DETAILS.

ROOM TEMPERATURE SETTING		
ROOM NAME	TEMPERATURE SET POINT (°F)	
	MIN	MAX
VACUUM EQUIP AREA (VEA)	72	72
EXPERIMENT EQUIP AREA-A	65	80
CHANGE ROOM	65	80
CLEANING AREA - A	65	80
INSPECTION/SHIP/REC	65	80
MECHANICAL ROOM	65	80
VE	65	80



**END STATION "A" FLOOR PLAN**  
 1/4" = 1'-0"

NO.	DATE	BY	CHKD	ENGR	PROJ	DESCRIPTION
2	8-7-98	DJB	AA	AA	WNV	ISSUED FOR AS-BUILT
1	3-20-97	WVK	AA	AA	TDM	REVISED NOTE 3

ISSUED FOR CONSTRUCTION  
 DRAWN CLP 11-15-96  
 CHECKED MN 10-25-96  
 ENGINEER AA 10-23-96  
 PROJ TDM 11-15-96

**AS-BUILT DRAWINGS**

**PARSONS**  
 100 WEST WALNUT STREET  
 PASADENA, CALIFORNIA

**LIGO**  
 CALIFORNIA INSTITUTE OF TECHNOLOGY  
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

**LIGO-D960982-02-0**

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

HVAC  
 END STATION "A"  
 FLOOR PLAN

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

SHEET NUMBER: **LA-H-211**