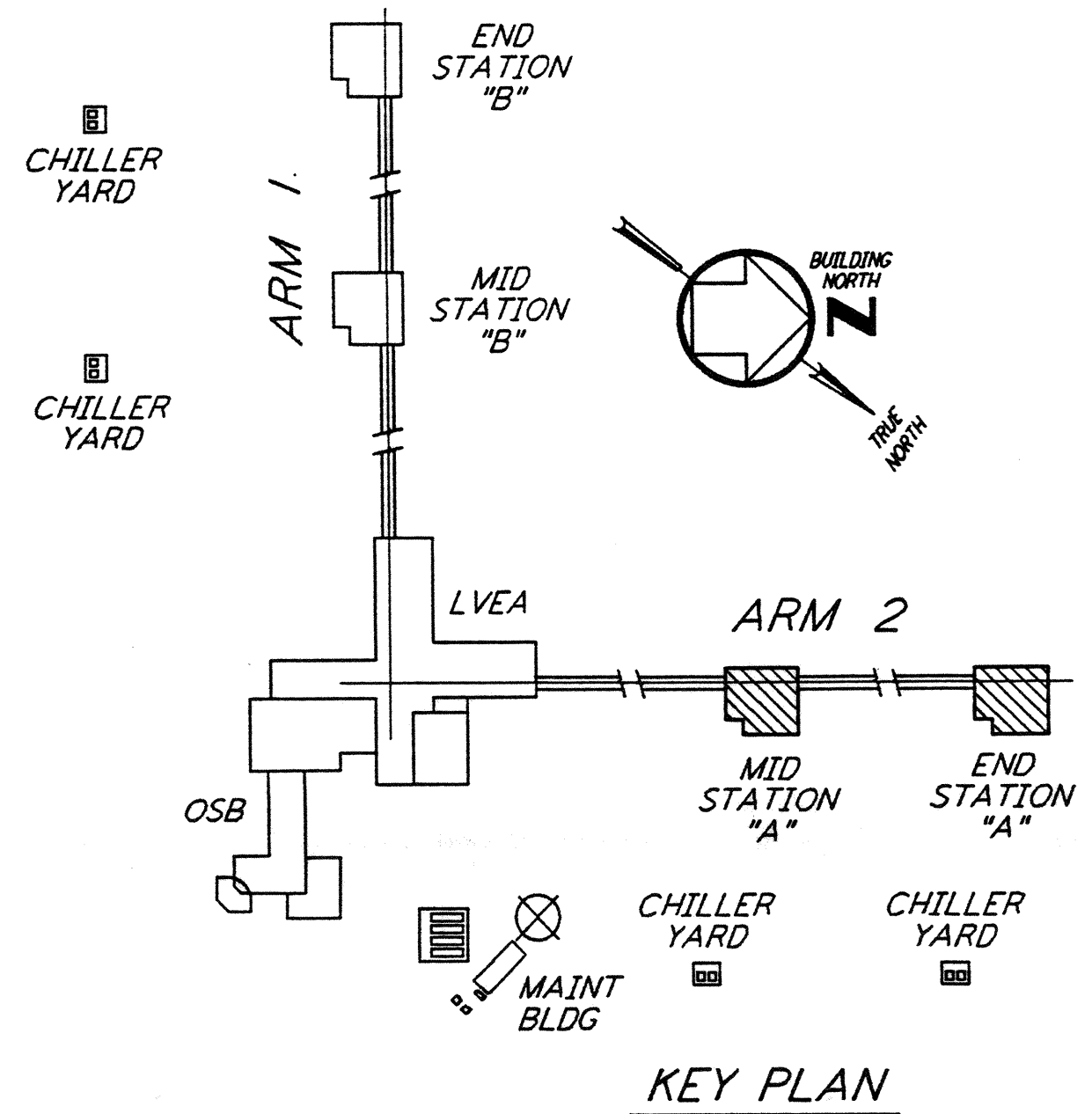
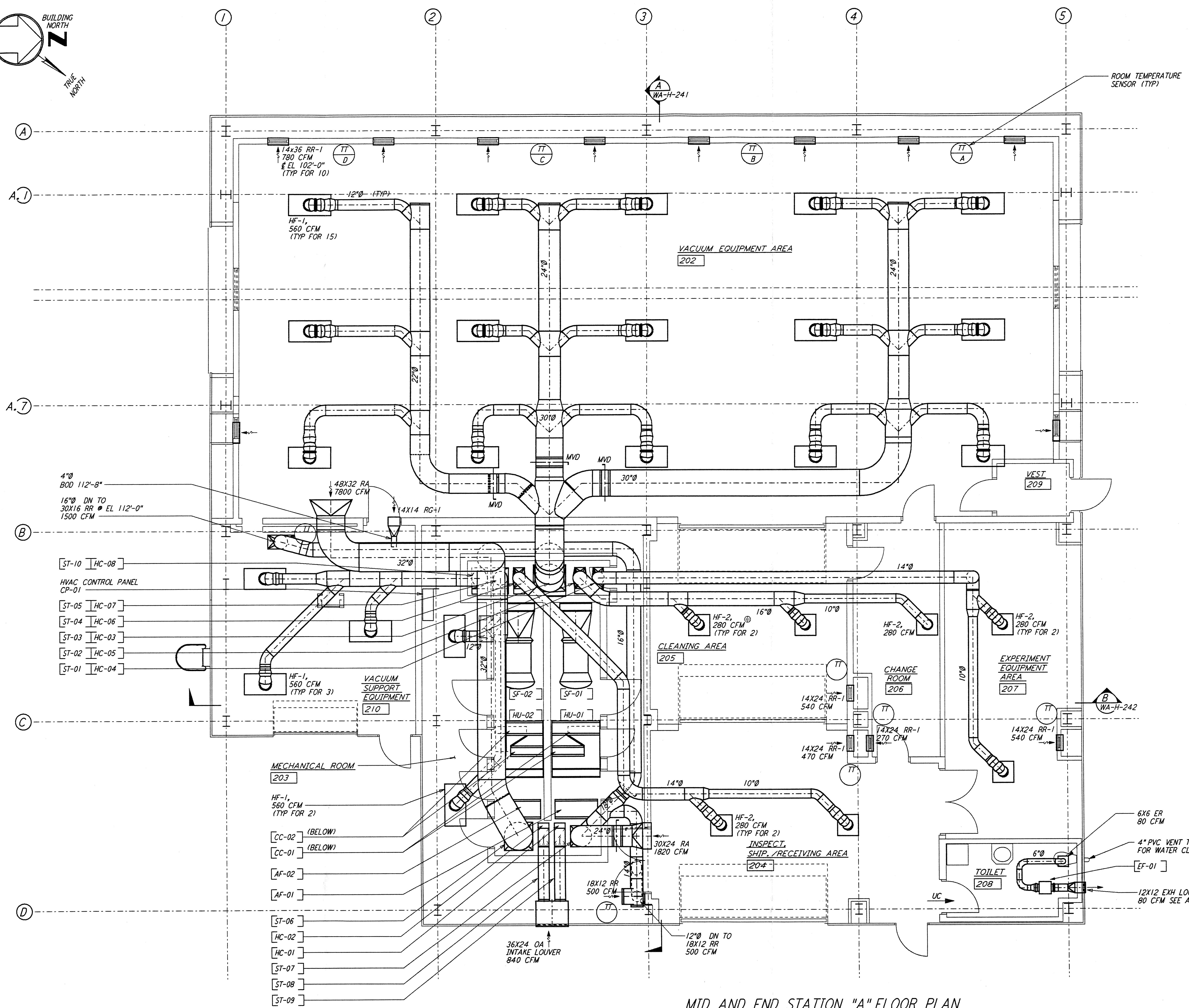


- NOTES:**
- FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES SEE SHEET WA-H-001 AND WA-H-002.
 - ALL SUPPLY AIR DUCTS SHALL BE DOUBLE WALL WITH 1" RIGID INSULATION AND PERFORATED SHEET METAL LINER.
 - RETURN AIR DUCTS FROM VEA ROOM (202) SHALL BE DOUBLE WALL WITH 2" RIGID INSULATION AND PERFORATED SHEET 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.

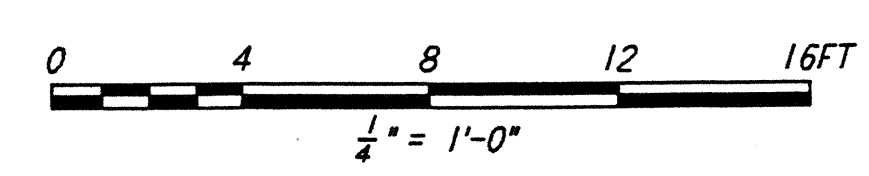
ROOM TEMPERATURE SETTING		
ROOM NAME	TEMPERATURE SET POINT (°F)	
	MIN	MAX
VACUUM EQUIP AREA (VEA)	72	72
EXPERIMENT EQUIP AREA-A	65	80
CHANGE ROOM	65	80
CLEANING AREA - A	65	80
INSPECTION/SHIP/REC	65	80
MECHANICAL ROOM	65	80
VE	65	80

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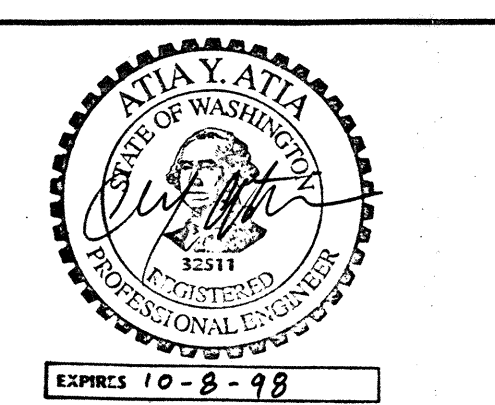
MID AND END STATION "A" FLOOR PLAN
 1/4" = 1'-0"



LIGO-D960360-01-0

NO.	DATE	BY	CHKD	ENGR	PROJ	REVISIONS	DESCRIPTION
1	3-20-97	WVK	AA	AA	TDM	REVISED NOTE 3	

ISSUED FOR CONSTRUCTION			
DRAWN	CLP	6-24-96	
CHECKED	MN	7-3-96	
ENGINEER	AA	7-3-96	
PROJ	MDW	7-8-96	



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

TITLE: HVAC
 MID & END STATIONS "A"
 FLOOR PLAN

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

SHEET NUMBER: **WA-H-211**