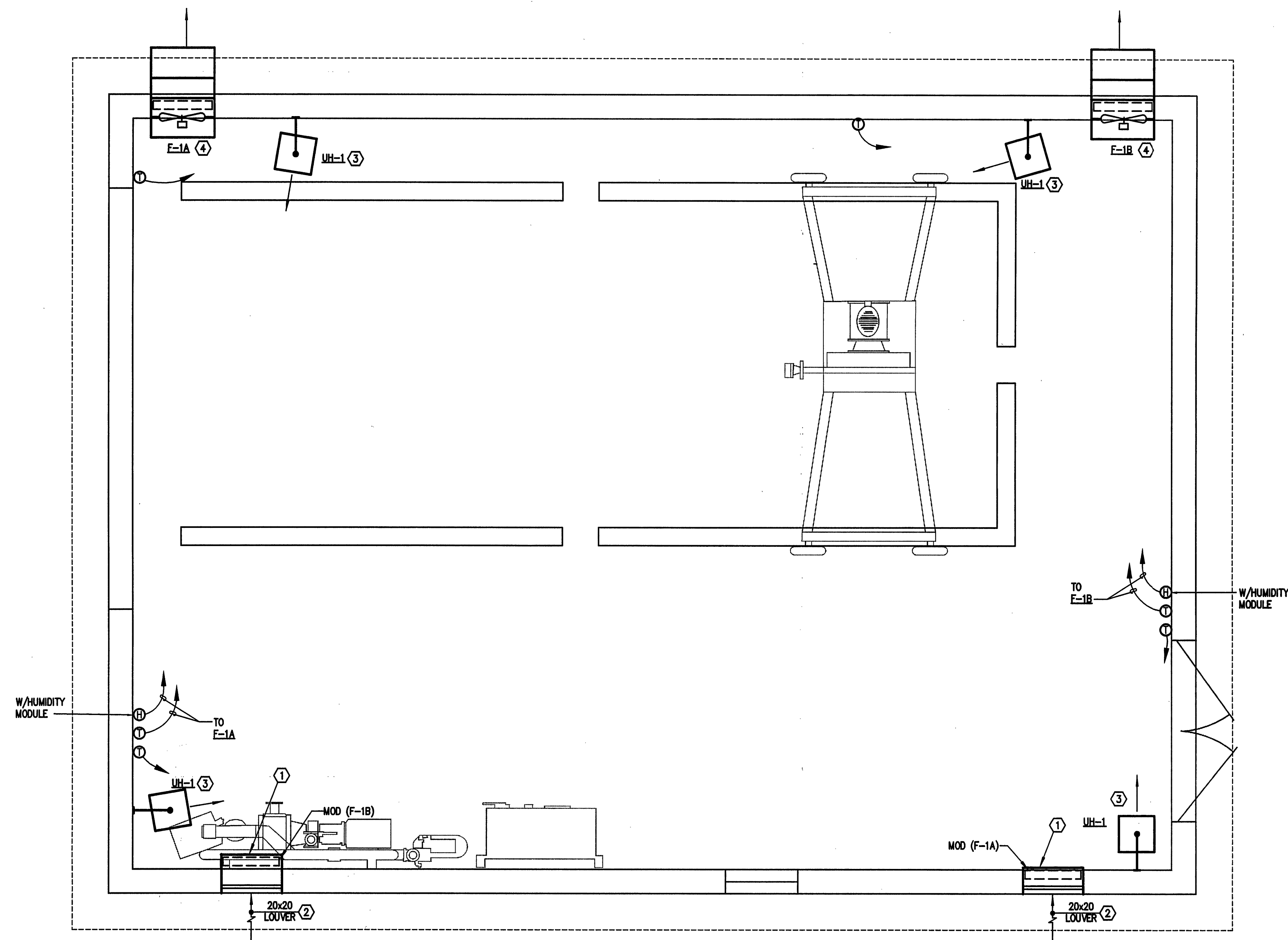
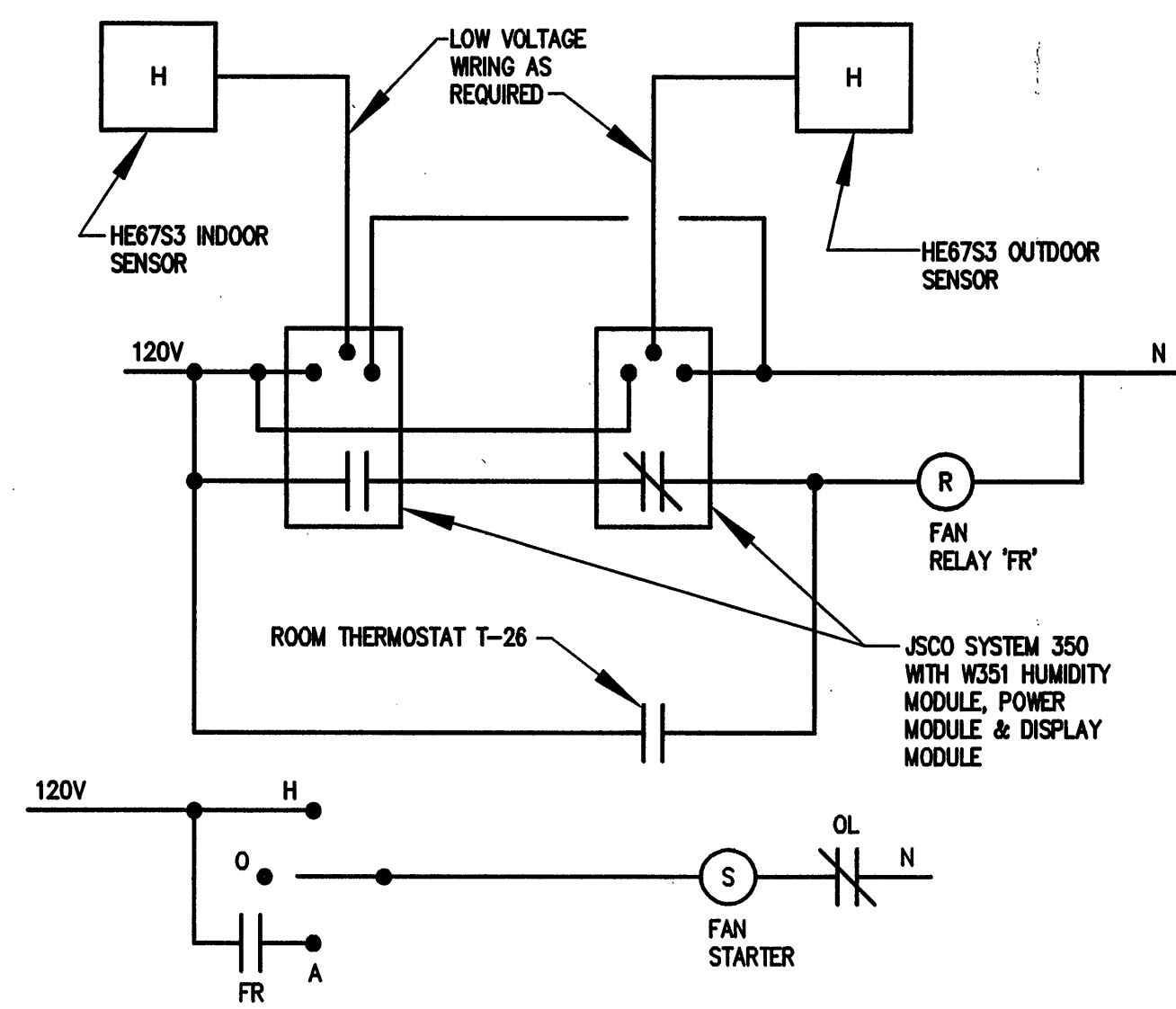




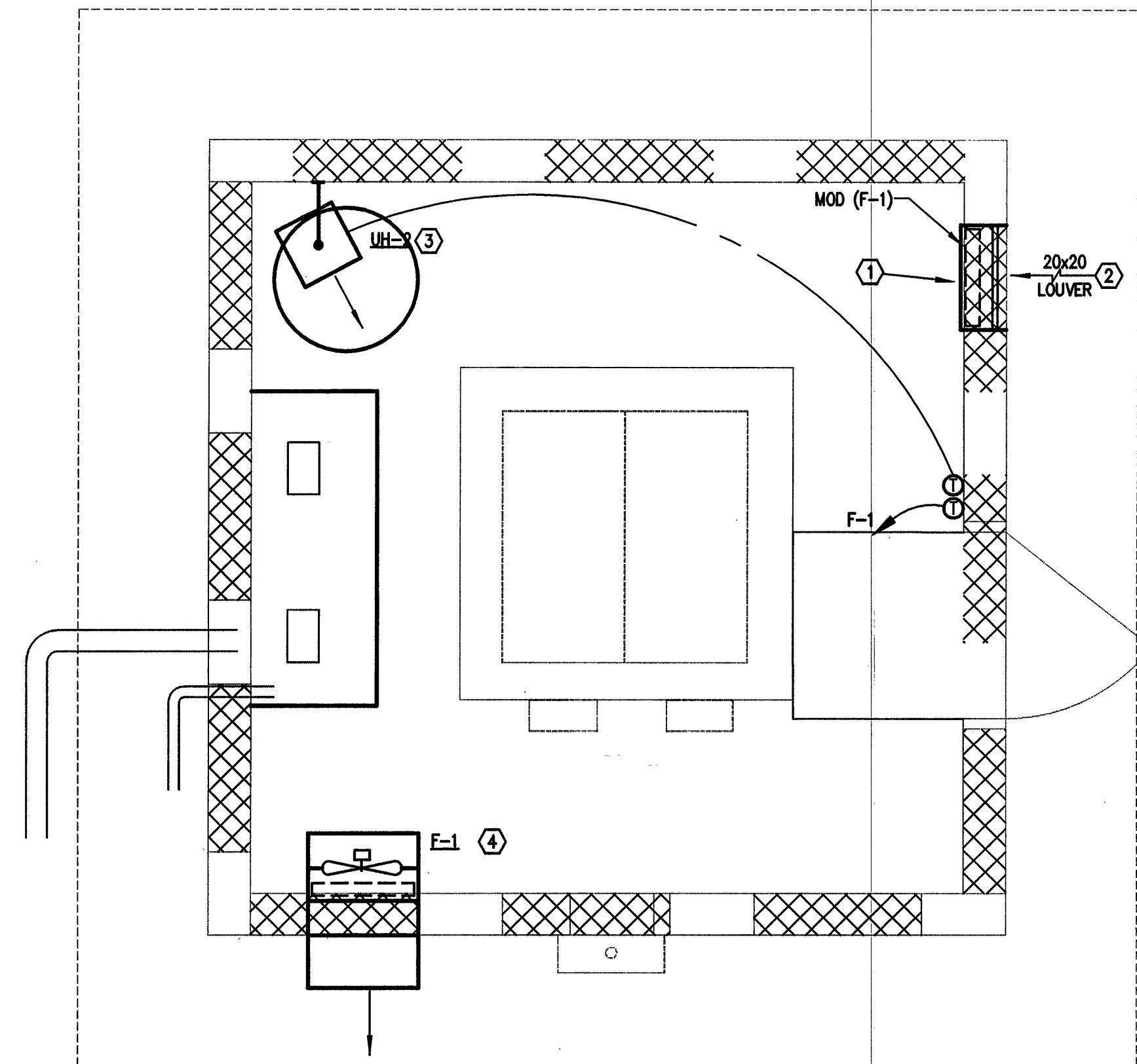
DEWATERING BLDG. – FLOOR PLAN – H & V

SCALE: 1/2" = 1'-0"



CONTROL/WIRING DIAGRAM FOR FAN

NO SCALE



BLOWER BLDG. – FLOOR PLAN – H & V

SCALE: 1/2" = 1'-0"

GENERAL NOTES:

1. ALL EQUIPMENT SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S PUBLISHED INSTRUCTIONS.
2. CONTRACTOR SHALL SEAL AND FLASH ALL PENETRATIONS IN WALLS.
3. VERIFY WALL OPENINGS WITH STRUCTURE, PIPING AND EQUIPMENT.
4. VERIFY THE LOCATION OF THERMOSTATS WITH THE OWNER PRIOR TO ROUGH-IN.
5. REFER TO ARCHITECTURAL, STRUCTURAL, AND ELECTRICAL DRAWINGS TO COORDINATE THE EXACT LOCATIONS OF MECHANICAL EQUIPMENT WITH LIGHTS, STRUCTURE, AND OTHER BUILDING COMPONENTS.
6. CONTRACTOR SHALL PROVIDE ALL SUPPORTS REQUIRED TO MOUNT MECHANICAL EQUIPMENT.
7. ALL REMOTE MOUNTED TEMPERATURE CONTROL DEVICES AND TEMPERATURE CONTROL WIRING SHALL BE FURNISHED AND INSTALLED BY THE MECHANICAL CONTRACTOR.

FANS:	GREENHECK OR EQUAL							
MARK	CAP	S. P.	HP	VOLTAGE	MAX	TYPE	MODEL NO.	
	CEM	IN. H ₂ O		& PHASE	ZONE			
F-1	800	0.30	1/6	115V-1PH	7	DD, P	S1-14-440-B6	
(<3 REQ'D)								

FAN TYPE: DD - DIRECT DRIVE
P - PROPELLER

FANS F-1 SHALL BE COMPLETE WITH MOTOR SIDE GUARD, WALL HOUSING, MOTORIZED DAMPER, AND WEATHER HOOD.

UNIT HEATERS: Q-MARK OR EQUAL

MARK	WATTS	CEM	VOLTAGE	MODEL NO.
			& PHASE	
UH-1	3000	405	208V-1PH	JUN30081
(<4 REQ'D)				
UH-2	3000	405	208V-1PH	MUHD381
(<1 REQ'D)				

NOTE: PROVIDE LINE VOLTAGE WALL MOUNTED THERMOSTATS AND WALL MOUNTING BRACKETS.

SEQUENCE OF CONTROL

UNIT HEATERS (UH): EACH UNIT SHALL BE CONTROLLED BY A WALL MOUNTED THERMOSTAT. THE THERMOSTAT SHALL CYCLE THE FAN AND ENERGIZE THE ELECTRIC HEATING ELEMENT TO MAINTAIN SETPOINT. EACH UNIT SHALL HAVE A THERMAL HIGH LIMIT CUT OUT TO DE-ENERGIZE THE HEATING ELEMENT WHEN NORMAL OPERATING TEMPERATURES ARE EXCEEDED.

EXHAUST FANS:

F-1 SHALL BE CONTROLLED BY A WALL-MOUNTED COOLING THERMOSTAT. WHEN THE FAN IS ENERGIZED, THE MOTORIZED DAMPER(S) SHALL OPEN. WHEN THE FAN IS DE-ENERGIZED, THE DAMPER(S) SHALL BE CLOSED.

F-1A & 1B SHALL BE CONTROLLED BY A WALL-MOUNTED COOLING THERMOSTAT AND HUMIDISTAT WIRING IN PARALLEL. HUMIDITY MODULE SHALL ENERGIZE THE EXHAUST FAN THRU RELAY 'FR' WHEN INDOOR HUMIDITY RISES ABOVE SETPOINT, UNLESS OUTDOOR HUMIDITY IS GREATER THAN INDOOR HUMIDITY. ROOM THERMOSTAT SHALL ENERGIZE THE EXHAUST FAN THRU SAME 'FR' WHEN TEMPERATURE RISES ABOVE SETPOINT.