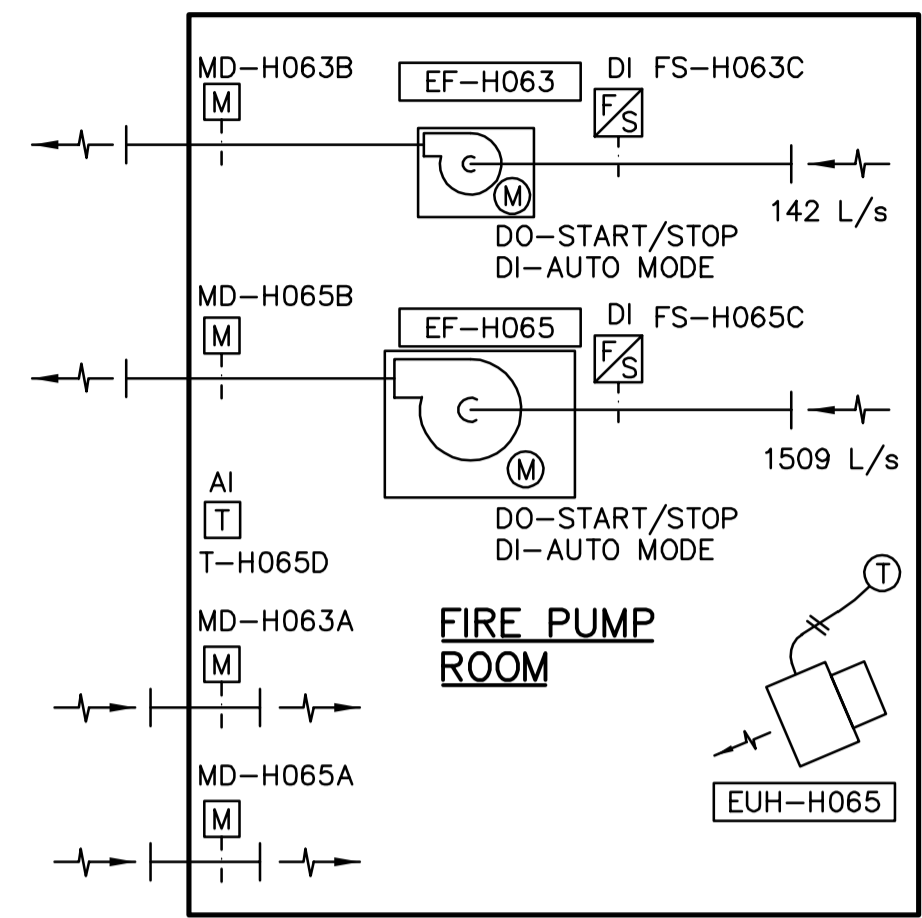
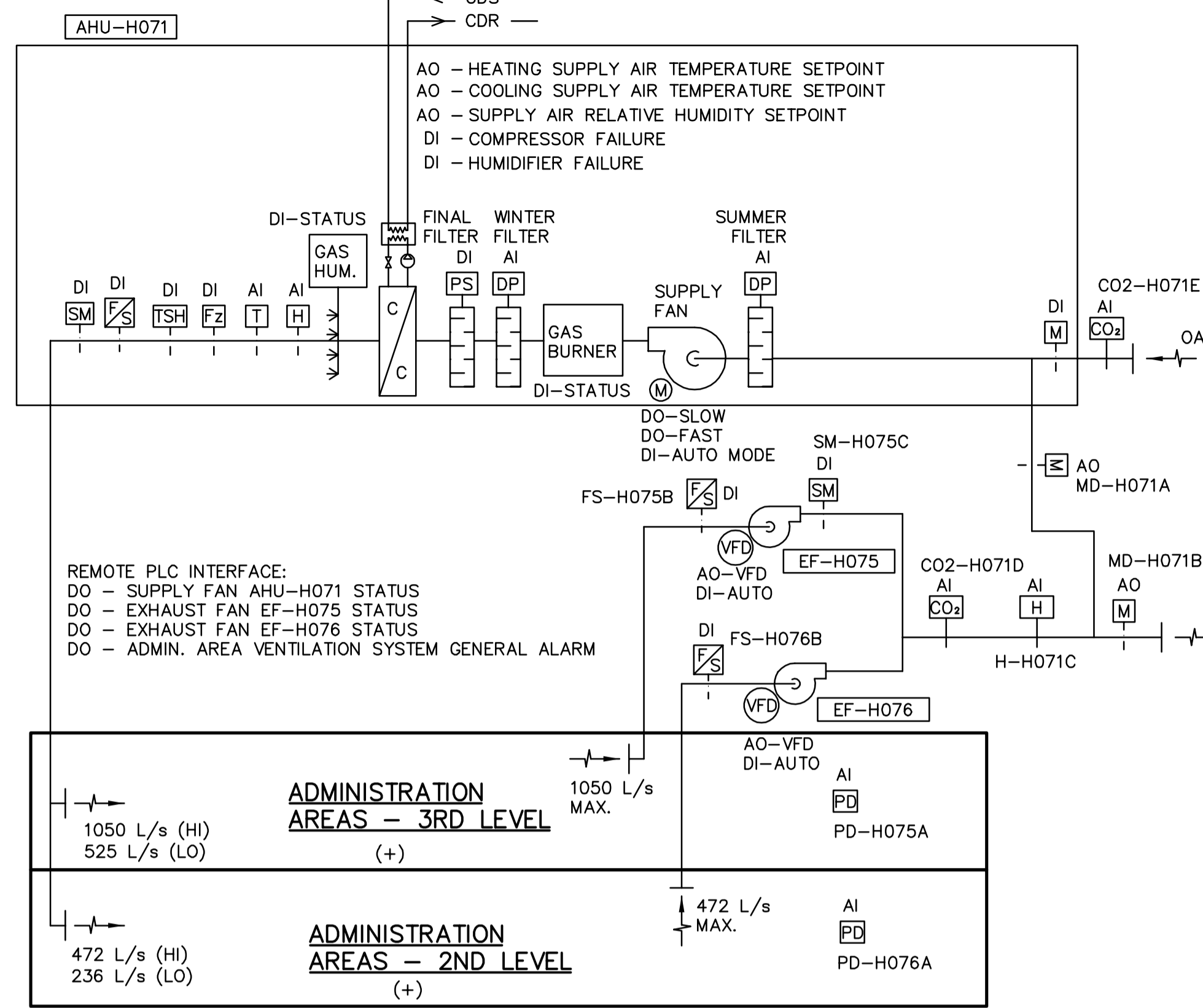


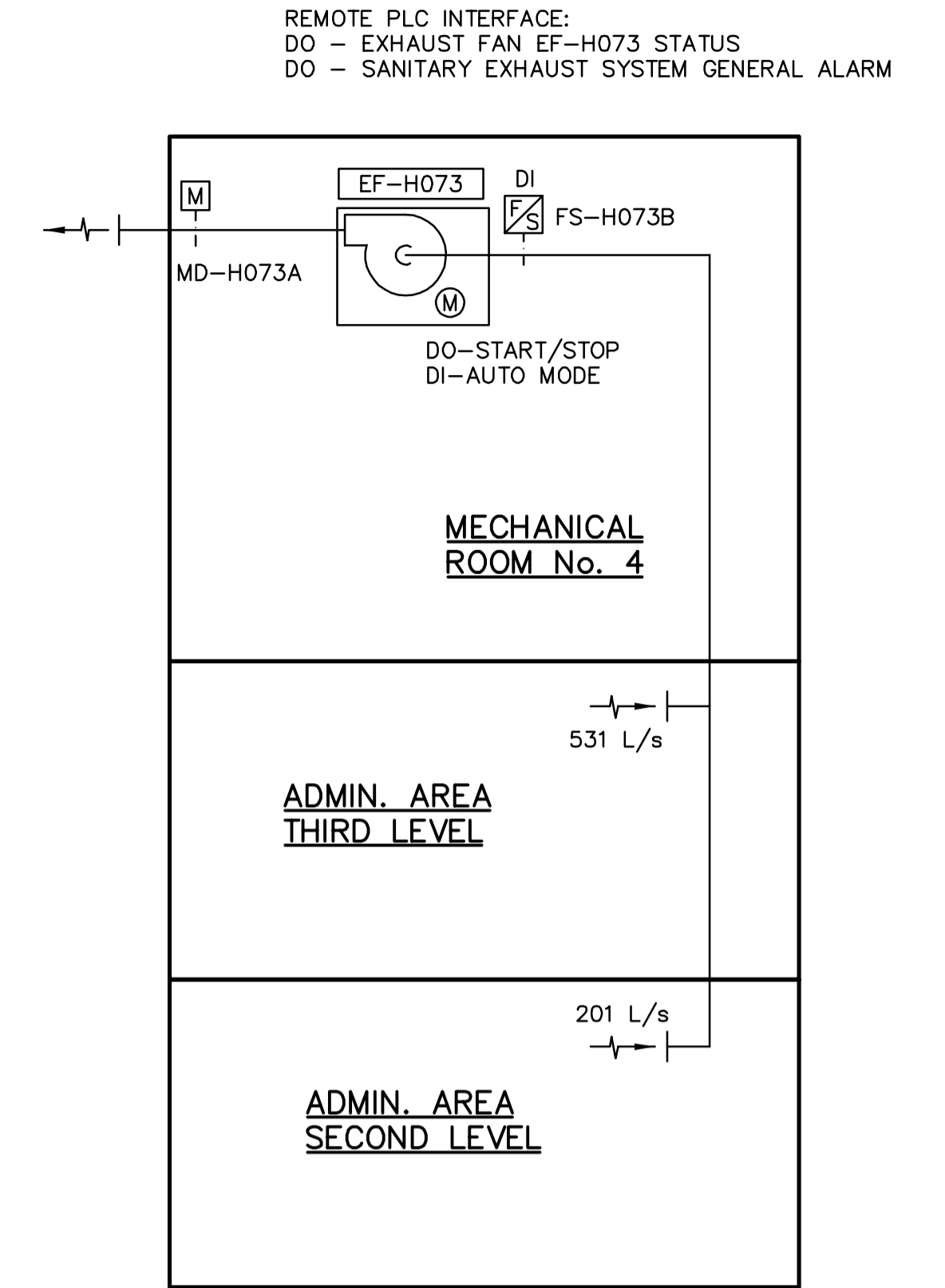
RAW WATER PUMP ROOM HEATING AND VENTILATION SYSTEM



FIRE PUMP ROOM HEATING AND VENTILATION SYSTEM

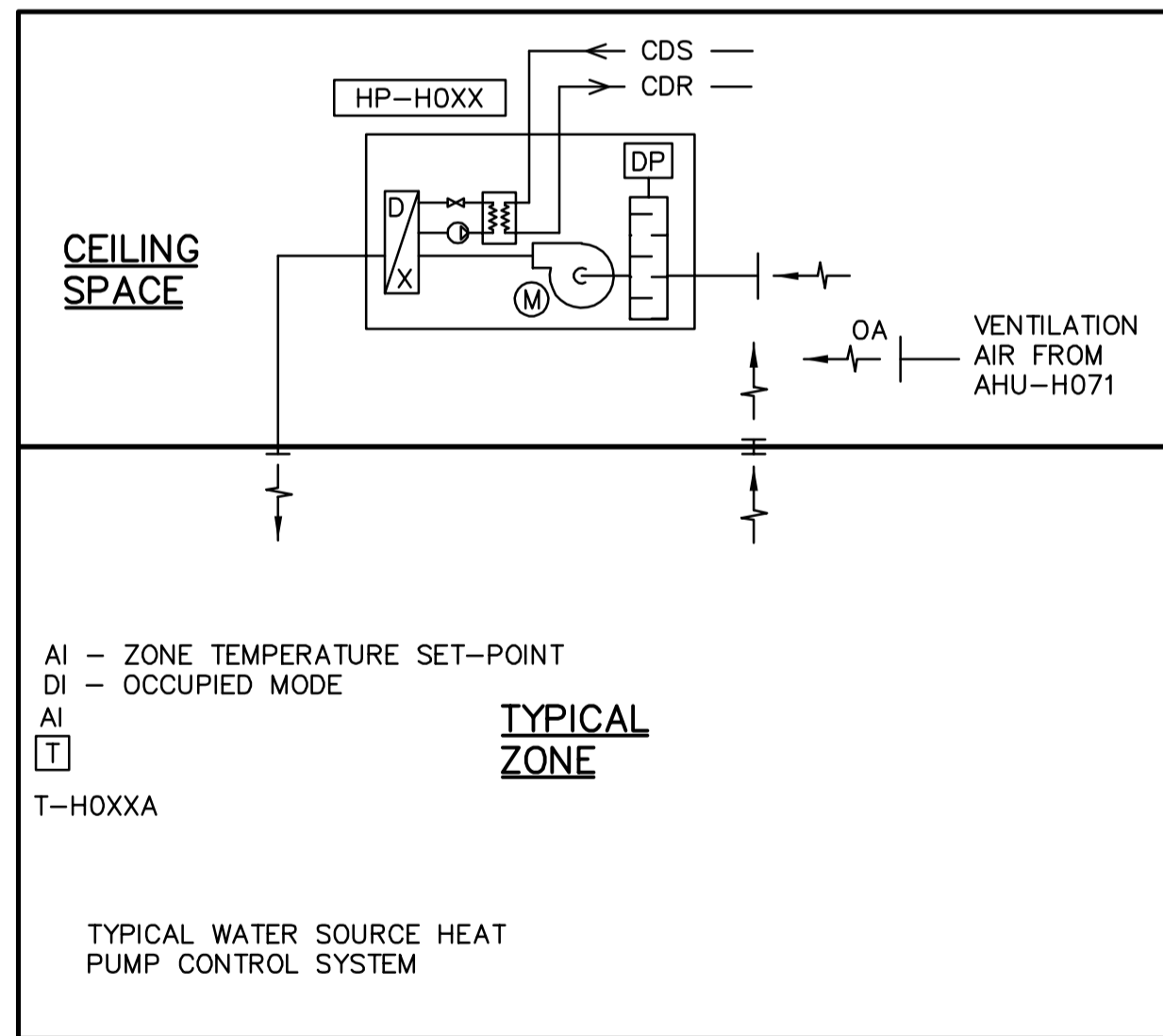


ADMINISTRATION AREA VENTILATION SYSTEM



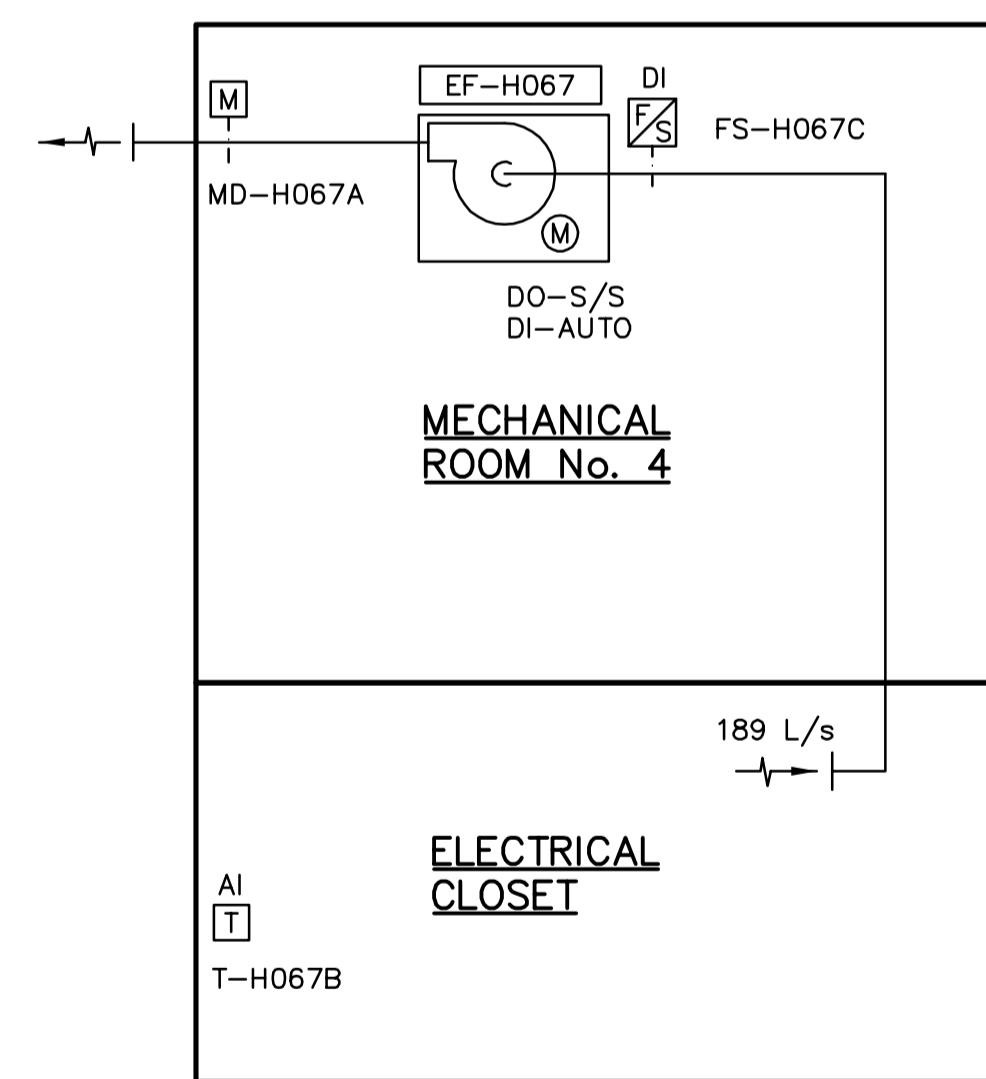
ADMINISTRATION AREA SANITARY EXHAUST SYSTEM

Remote PLC Interface:
 DO - HEAT PUMP HP-HOXX STATUS
 DO - HEAT PUMP HP-HOXX SYSTEM GENERAL ALARM
 AO - ZONE SPACE TEMPERATURE T-HOXXA

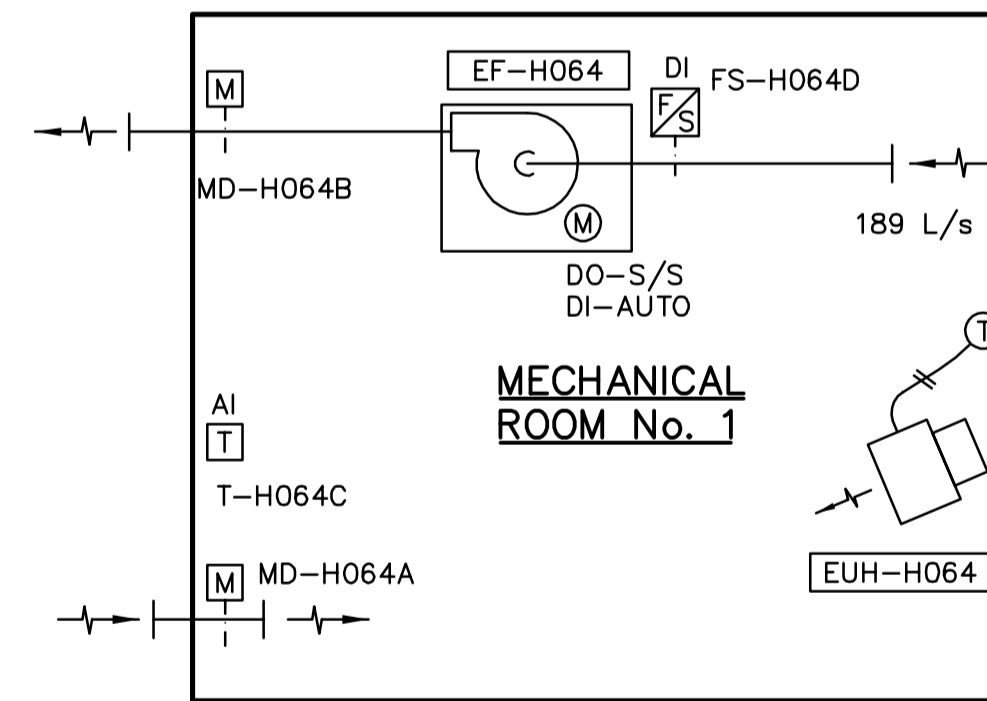


TYPICAL WATER SOURCE HEAT PUMP SYSTEM

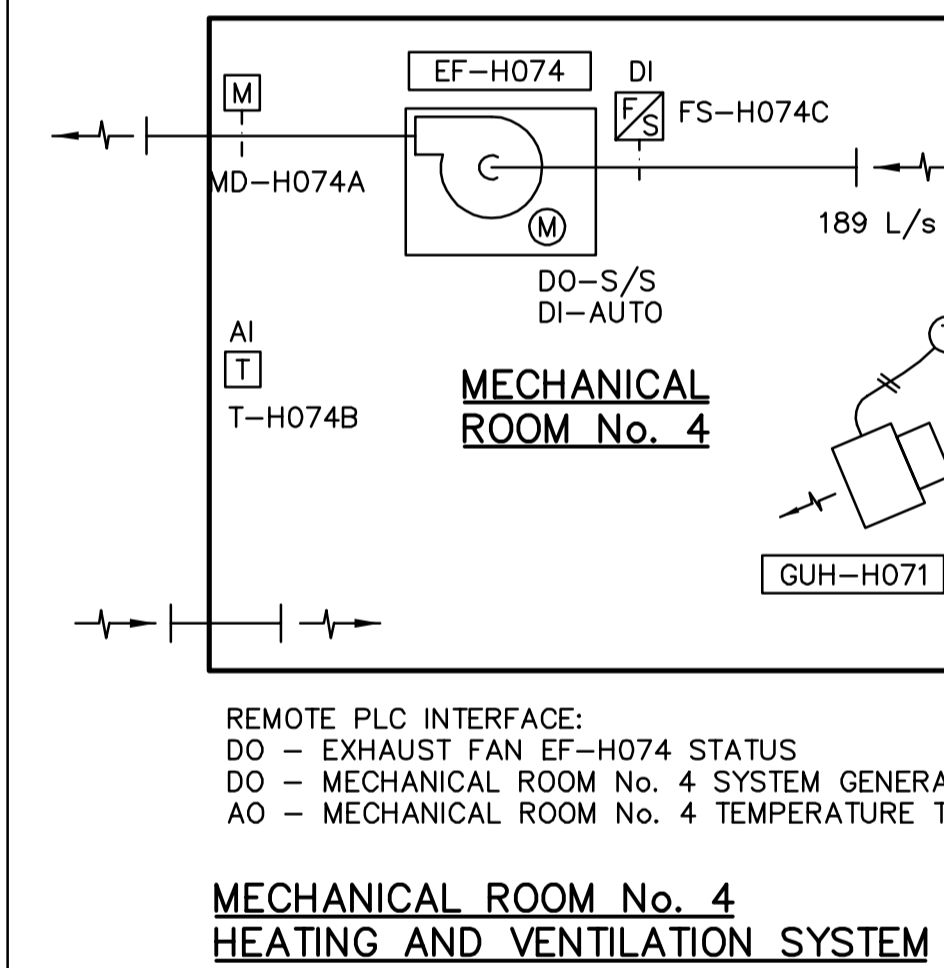
Remote PLC Interface:
 DO - EXHAUST FAN EF-H079 STATUS
 DO - ELECTRICAL CLOSET EXHAUST SYSTEM GENERAL ALARM
 AO - ELECTRICAL CLOSET TEMPERATURE T-H097A



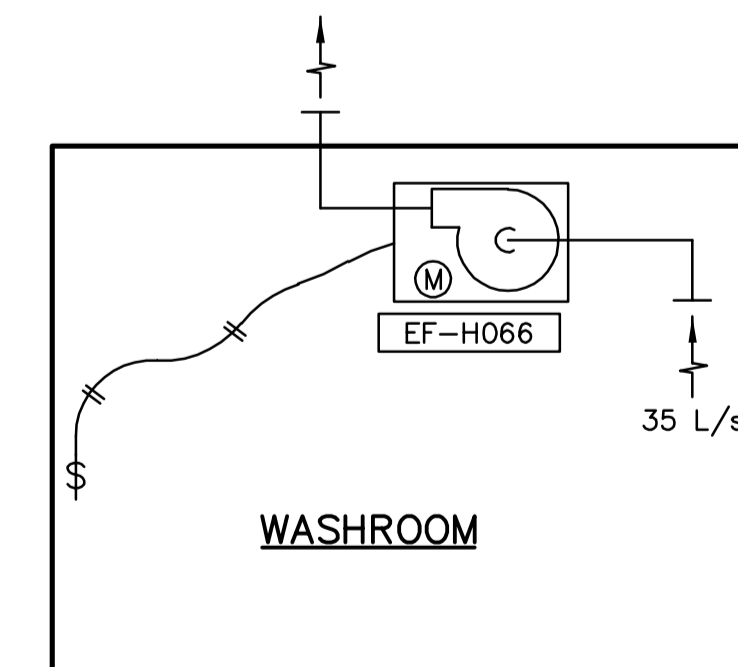
ADMINISTRATION AREA ELECTRICAL CLOSET VENTILATION SYSTEM



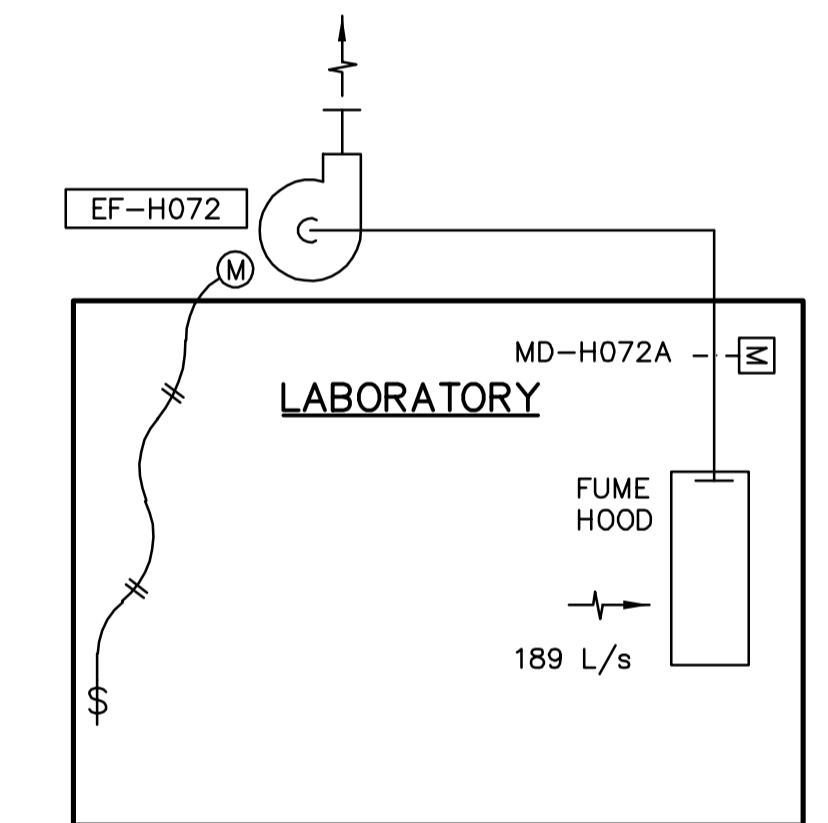
MECHANICAL ROOM No. 1 HEATING AND VENTILATION SYSTEM



MECHANICAL ROOM No. 4 HEATING AND VENTILATION SYSTEM



WASHROOM IN CONTROL ROOM VENTILATION SYSTEM



LABORATORY FUME HOOD EXHAUST SYSTEM

GEN. NOTE:
 THESE DIAGRAMS ARE TO BE READ IN CONJUNCTION WITH CONTROL SEQUENCES DESCRIBED IN SECTION 15900 OF SPECIFICATIONS.



B.M. ELEV.					
DESIGNED BY	TT	CHECKED BY	DL		
DRAWN BY	AM	APPROVED BY	AHL		
SCALE:	NTS	RELEASED FOR CONSTRUCTION BY:	R. SOROKOWSKI		
00 ISSUED FOR TENDER	06/03/29	TT			
NO. REVISIONS	DATE	BY	DATE	2005/07/04	



ENGINEER'S SEAL
 ORIGINAL SIGNED BY
 D.K. CUDDINGTON
 2006/03/29
 CONSULTANT DRAWING NO.
 WB-H0504

THE CITY OF WINNIPEG
 WATER AND WASTE DEPARTMENT
 ENGINEERING DIVISION

WATER TREATMENT PLANT
 MAIN BUILDING
 MECHANICAL AND ELECTRICAL

Winnipeg

CITY FILE NUMBER
 SHEET OF
 CITY DRAWING NUMBER
 1-0601B-G-H0504-001-000

HVAC
 SCHEMATIC