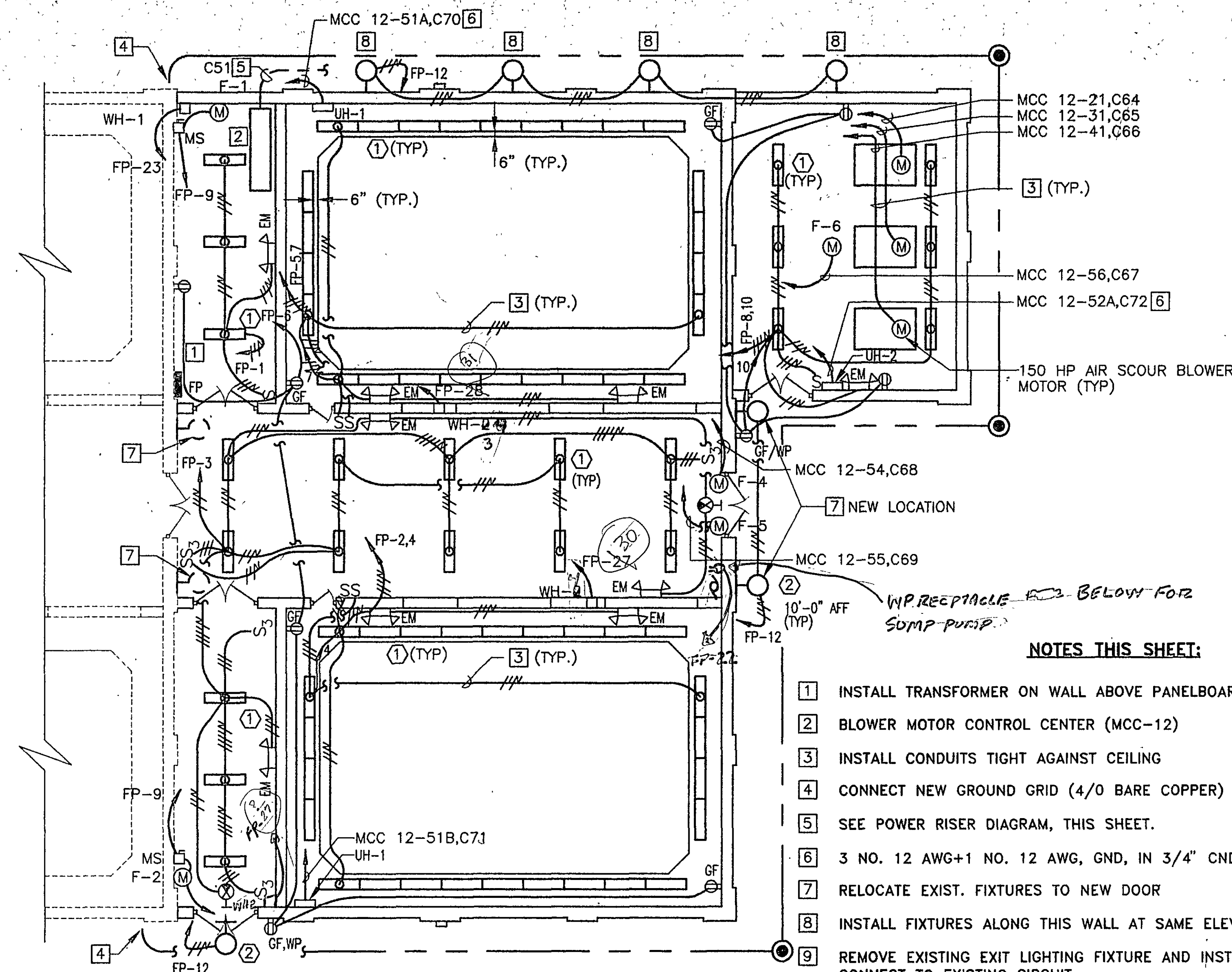
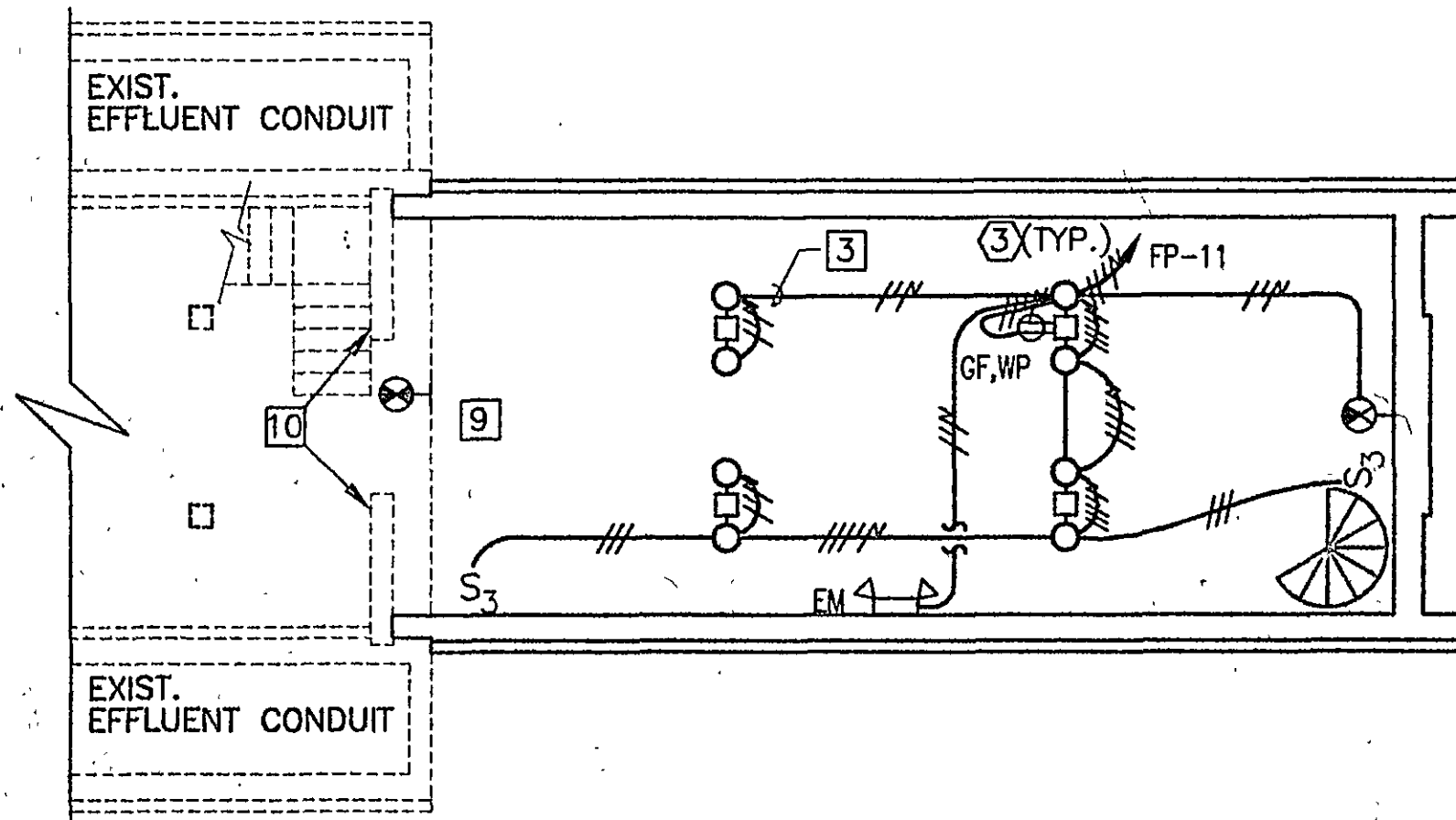


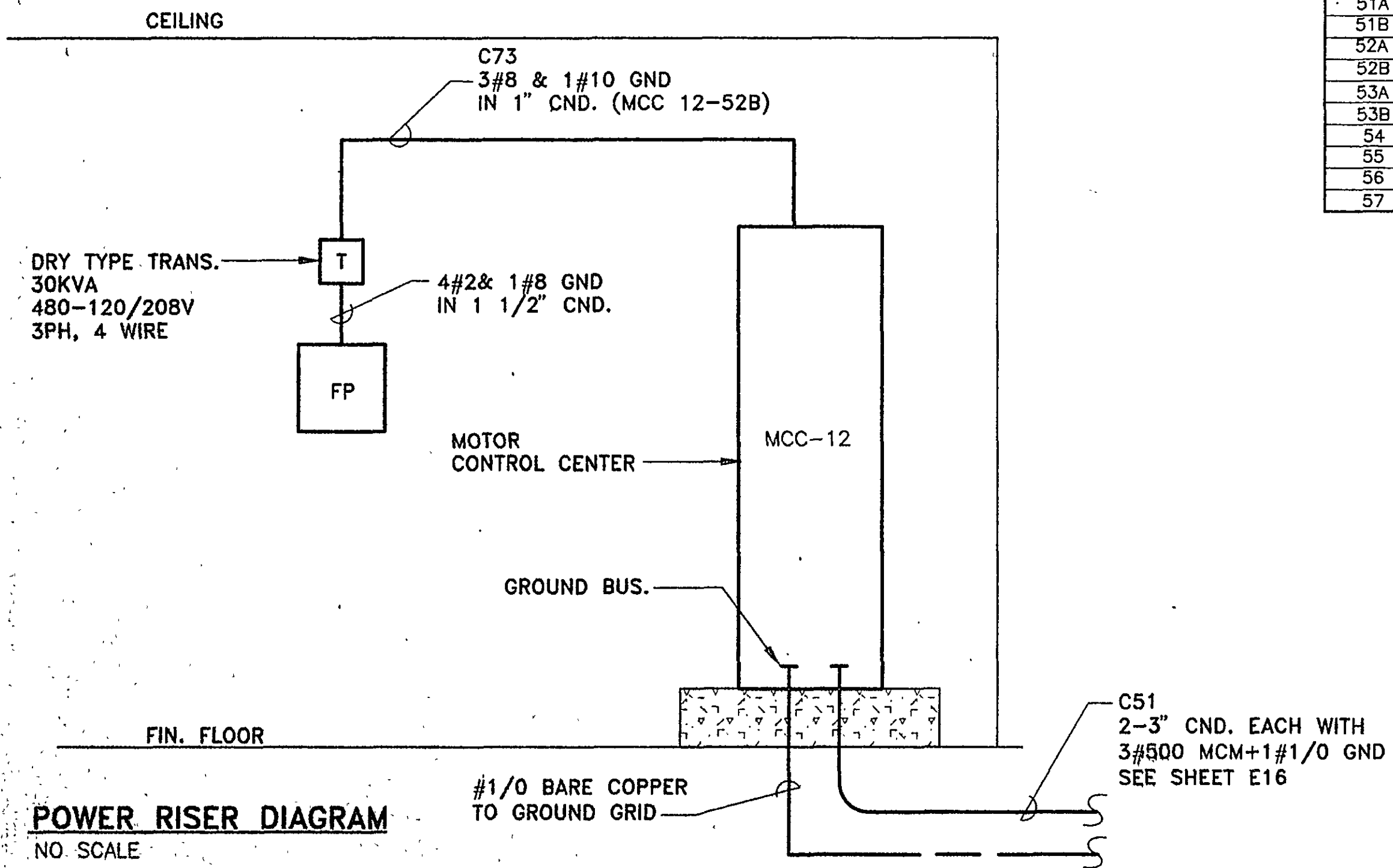


FLOOR PLAN
SCALE: 1/8"=1'-0"

- NOTES THIS SHEET:**
- 1 INSTALL TRANSFORMER ON WALL ABOVE PANELBOARD. (SEE POWER RISER DIAGRAM)
 - 2 BLOWER MOTOR CONTROL CENTER (MCC-12)
 - 3 INSTALL CONDUITS TIGHT AGAINST CEILING
 - 4 CONNECT NEW GROUND GRID (4/0 BARE COPPER) TO EXIST.
 - 5 SEE POWER RISER DIAGRAM, THIS SHEET.
 - 6 3 NO. 12 AWG+1 NO. 12 AWG, GND, IN 3/4" CND.
 - 7 RELOCATE EXIST. FIXTURES TO NEW DOOR
 - 8 INSTALL FIXTURES ALONG THIS WALL AT SAME ELEV. AS EXIST. FIXTURES
 - 9 REMOVE EXISTING EXIT LIGHTING FIXTURE AND INSTALL NEW FIXTURE. CONNECT TO EXISTING CIRCUIT.
 - 10 DISCONNECT AND REMOVE ALL ELECTRICAL WIRING AND COMPONENTS ASSOCIATED WITH EXISTING PUMPS, FANS, ETC. IN THIS AREA.



FLOOR PLAN-PIPING GALLEY
SCALE: 1/8"=1'-0"



POWER RISER DIAGRAM
NO SCALE

LIGHTING FIXTURE SCHEDULE				
TYPE	MFG. & CATALOG NO.	TYPE/MOUNTING	LAMPS	REMARKS
2	HOLOPLANE MW-175MV-12-K-PR	MV/WALL	1-175W, MV	120V PHOTO CELL, FUSING (TO MATCH EXIST. FIXTURES)
3	CROUSE-HINDS VHH22GP	INCAND/WALL	1-100W, INCAND	WALL MOUNTED, GLOBE & GUARD

NOTE TO LIGHTING FIXTURE SCHEDULE:
THESE FIXTURES USED FOR THIS SHEET ONLY. FOR ADDITIONAL LIGHTING FIXTURES SCHEDULE SEE SHEET 12 OF 34.

SCHEDULE-PANELBOARD FP									
NO	P	BKR	WIRE	LOAD	NO	P	BKR	WIRE	LOAD
1	20	12	3/4"	LOAD DESCRIPTION	2	20	12	3/4"	LOAD DESCRIPTION
1	20	12	3/4"	LIGHTING & RECEPT.	2	20	12	3/4"	LIGHTING
3	20	12	3/4"	LIGHTING	4	20	12	3/4"	LIGHTING
5	20	12	3/4"	LIGHTING	6	20	12	3/4"	RECEPT
7	20	12	3/4"	LIGHTING	8	20	12	3/4"	LIGHTING
9	20	12	3/4"	F-1-F-2	10	20	12	3/4"	RECEPT
11	20	12	3/4"	LIGHTING & RECEPT.	12	20	12	3/4"	EXT. LIGHTING
13	20	12	3/4"	FILTER NO. 9 CONSOLE	14	20	12	3/4"	FILTER NO. 10 CONSOLE
15	20	12	3/4"	FILTER NO. 9 INFLUENT VALVES	16	20	12	3/4"	FILTER NO. 10 INFLUENT VALVES
17	20	12	3/4"	FILTER NO. 9 WASTE & AIR SCOUR VALVES	18	20	12	3/4"	FILTER NO. 10 WASTE & AIR SCOUR VALVES
19	20	12	3/4"	FILTER NO. 9 EFFLUENT VALVE	20	20	12	3/4"	FILTER NO. 10 EFFLUENT VALVE
21	20	12	3/4"	FILTER NO. 9 SPACE-ONLY WASH WATER VALVE	22	20	12	3/4"	SUMP PUMP SPACE-ONLY
23	20	12	3/4"	WH-1	24	20	12	3/4"	AIR BLOWER SPACE-ONLY
25	20	12	3/4"	WH-2	26	20	12	3/4"	SPACE-ONLY WASH WATER VALVE
27	20	12	3/4"	WH-3	28	20	12	3/4"	WH-4
29	20	12	3/4"	WH-4	30	20	12	3/4"	SPACE ONLY
31	20	12	3/4"	WH-5	32	20	12	3/4"	SPACE ONLY
33	20	12	3/4"	SPACE ONLY	34	20	12	3/4"	SPACE ONLY
35	20	12	3/4"	SPACE ONLY	36	20	12	3/4"	SPACE ONLY
37	20	12	3/4"	SPACE ONLY	38	20	12	3/4"	SPACE ONLY
39	20	12	3/4"	SPACE ONLY	40	20	12	3/4"	SPACE ONLY
41	20	12	3/4"	SPACE ONLY	42	20	12	3/4"	SPACE ONLY

VOLTAGE 120/208 PHASE 3 WIRE 4 MOUNTING SURFACE
BUS AMPS 100 MAIN BREAKER AMPS 100 SUBFEED LUGS NO

MOTOR CONTROL CENTER (MCC-12) SCHEDULE (i)									
SECTION NUMBER	LOAD DESCRIPTION	UNIT TYPE	RATINGS		CONDUCTORS			CONDUIT SIZE	REMARKS
			CKT.BRK'R #	STARTER	PHASE	NEUTRAL	EQ. GND.		
11	MCC-12	CB	800A		2-500MCM	—	2-NO.1/0AWG	3"	MAIN BREAKER
21	AIR SCOUR BLOWER NO. 1	CS,RV	* 275A	SIZE 5	350MCM	—	NO.2AWG	3"	} PROVIDE HAND-OFF-AUTO, AND PUMP 1-PUMP 2-OFF, SELECTOR SWITCHES IN DOOR.
31	AIR SCOUR BLOWER NO. 2	CS,RV	* 275A	SIZE 5	350MCM	—	NO.2AWG	3"	
41	AIR SCOUR BLOWER NO. 3	CS,RV	* 275A	SIZE 5	350MCM	—	NO.2AWG	3"	
51A	UH-1	CB	20A	—	NO.12AWG	—	NO.12AWG	3/4"	} PROVIDE HAND-OFF-AUTO, SELECTOR SWITCHES IN DOOR.
51B	UH-1	CB	20A	—	NO.12AWG	—	NO.12AWG	3/4"	
52A	UH-2	CB	20A	—	NO.12AWG	—	NO.12AWG	3/4"	
52B	TRANS	CB	50A	—	NO.8AWG	—	NO.10AWG	1"	
53A	—	—	—	—	—	—	—	—	PROVISIONS FOR FUTURE
53B	—	—	—	—	—	—	—	—	PROVISIONS FOR FUTURE
54	FAN F-4	CS	20A	SIZE 1	NO.12AWG	—	NO.12AWG	3/4"	} PROVIDE HAND-OFF-AUTO, SELECTOR SWITCHES IN DOOR.
55	FAN F-5	CS	20A	SIZE 1	NO.12AWG	—	NO.12AWG	3/4"	
56	FAN F-6	CS	20A	SIZE 1	NO.12AWG	—	NO.12AWG	3/4"	
57	—	—	—	—	—	—	—	—	PROVISIONS FOR FUTURE

CB-CIRCUIT BREAKER
CS-COMBINATION STARTER
RV-REDUCED VOLTAGE, SOFT START
*TO BE CONFIRMED BY BLOWER SUPPLIER AND MCC MFG.
+ 480 VOLT, DELTA, 3 PH, 3W, SOLID NEUTRAL.
+ MIN. AC-25,000.

SECTION 1	SECTION 2	SECTION 3	SECTION 4	SECTION 5
				51A 51B
				52A 52B
				53A 53B
11	21	31	41	54
				55
				56
				57

MOTOR CONTROL CENTER (MCC-12) FRONT ELEVATION

RECORD DRAWINGS