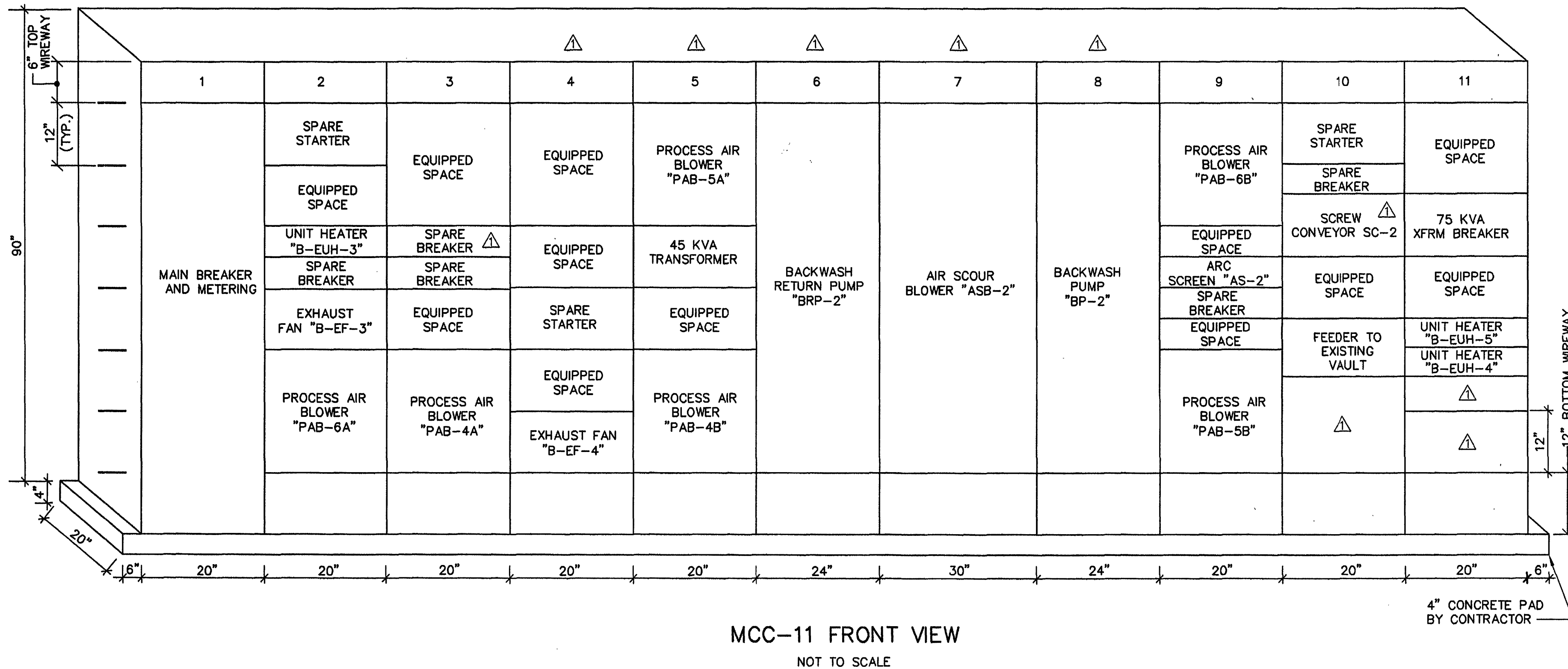
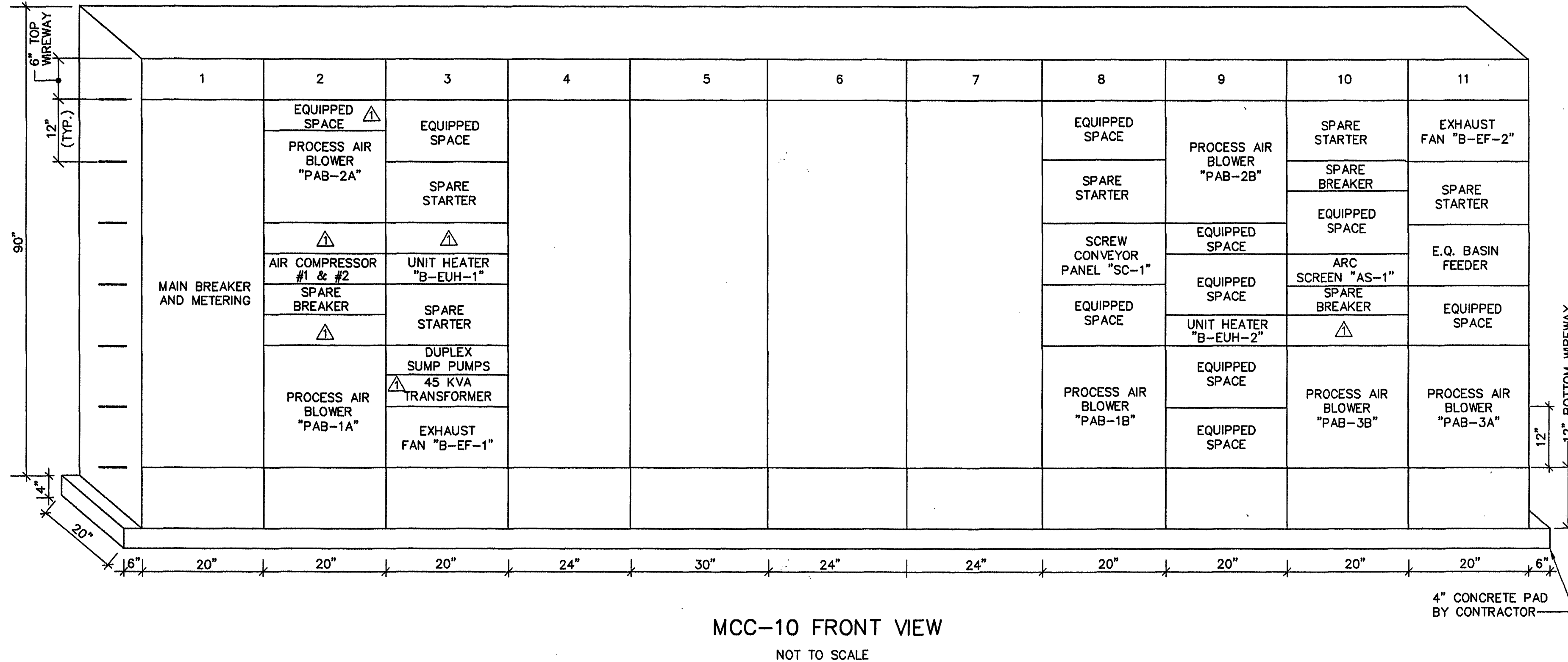




BACKWASH RETURN PUMP "BRP-1" AIR SCOUR BLOWER "ASB-1" CLEANING PUMP "CP-1" BACKWASH PUMP "BP-1"



CKT NO.	TRIP AMPS	DESCRIPTION OF LOAD	LOAD KVA	KVA PER PHASE			LOAD KVA	DESCRIPTION OF LOAD	TRIP AMPS	CKT NO.
				A	B	C				
1	20	SEE NOTE 1 GFCI IN COMP	-	-	-	-	-	SEE NOTE 1 COMPRESSOR FAN	20	2
3	20	PAB 105B FAN	-	-	-	-	-	PAB 103B FAN	20	4
5	20	PAB 101B FAN	-	-	-	-	-	PAB 102B FAN	20	6
7	20	PAB 104B FAN	-	-	-	-	-	PAB 106B FAN	20	8
9	20	PAB 105A FAN	-	-	-	-	-	PAB 103A FAN	20	10
11	20	PAB 101A FAN	-	-	-	-	-	PAB 102A FAN	20	12
13	20	PAB 104A FAN	-	-	-	-	-	PAB 106A FAN	20	14
15	20	ASB 207C-2 FAN	-	-	-	-	-	ASB 207C FAN	20	16
17	20	FLOW METER	-	-	-	-	-		20	18
19	20		-	-	-	-	-		20	20
21	30		-	-	-	-	-		30	22
23	30		-	-	-	-	-		30	24
25	30		-	-	-	-	-		30	26
27	2P		-	-	-	-	-		2P	28
29	20		-	-	-	-	-		30	30
31	2P		-	-	-	-	-		2P	32
33	20		-	-	-	-	-		30	34
35	15		-	-	-	-	-		20	36
37	15		-	-	-	-	-		20	38
39	15		-	-	-	-	-		20	40
41	15		-	-	-	-	-		20	42
LIGHTING PANEL: LP-1 LOCATION: ELECTRICAL ROOM BUILDING: BAF BUILDING			TOTAL KVA	-	-	-		SERVICE CHARACTERISTICS: 120/208 VOLT - 3 PHASE - 4 WIRE - 60 Hz PROVIDE 150AF/150AT MAIN BREAKER & SOLID NEUTRAL & GROUND BUS		
			GRAND CONNECTED TOTAL KVA	-	-	-				

* CONTRACTOR SHALL PROVIDE AND INSTALL LIGHTING PANEL "LP-1" (RATINGS OF PANELBOARD, MAIN AND BRANCH BREAKERS AS SHOWN). PROVIDE CONDUIT AND WIRES (SIZE AS SHOWN ON SHEET E-8) FOR FEEDER TO PANEL LP-1 AND CONNECT. SEE BAF MANUFACTURER'S SHOP DRAWINGS FOR SCOPE OF EQUIPMENT, CONDUIT AND WIRES TO BE PROVIDED BY BAF MANUFACTURER.

CKT NO.	TRIP AMPS	DESCRIPTION OF LOAD	LOAD KVA	KVA PER PHASE			LOAD KVA	DESCRIPTION OF LOAD	TRIP AMPS	CKT NO.
				A	B	C				
1	20	CONTROL ROOM LIGHTING	1.20	1.74	-	-	0.54	CONTROL ROOM RECEPTACLES	20	2
3	20	CNTRL RM OUTDOOR/STAIR LIGHTING	0.79	-	1.33	-	0.54	CONTROL ROOM RECEPTACLES	20	4
5	20	OUTDOOR WALKWAY LIGHTING	0.60	-	-	0.96	0.36	OUTDOOR WALKWAY RECEPTACLES	20	6
7	20	OUTDOOR WALKWAY RECEPTACLES	0.72	0.96	-	-	0.24	OUTDOOR WALKWAY LIGHTING	20	8
9	20	EQUIPMENT ROOM LIGHTING	1.40	-	2.12	-	0.72	EQUIPMENT ROOM RECEPTACLES	20	10
11	20	EQUIPMENT ROOM LIGHTING	1.60	-	-	2.14	0.54	EQUIPMENT ROOM RECEPTACLES	20	12
13	20	GALLERY LIGHTING	0.49	0.49	-	-	-	SPARE	20	14
15	20	GALLERY LIGHTING	0.80	-	1.90	-	1.10	GALLERY LIGHTING	20	16
17	20	GALLERY RECEPTACLES	0.36	-	-	0.72	0.36	GALLERY RECEPTACLES	20	18
19	20	COMPUTER CONSOLE	0.50	0.50	-	-	-	SPARE	20	20
21	20	ATC-1 POWER	1.00	-	1.75	-	0.75	ELECTRIC UNIT HEATER B-EUH-6	2P	22
23	20	CONTROL PANEL POWER	1.00	-	-	1.75	0.75	SPARE	20	24
25	20	CONTROL PANEL POWER	1.00	1.00	-	-	-	SPARE	20	26
27	20	CONTROL PANEL POWER	1.00	-	1.00	-	-	SPARE	20	28
29	20	SPARE	-	-	-	-	-	SPARE	20	30
31	20	SPARE	-	-	-	-	-	SPARE	20	32
33	30	SPARE	-	-	-	-	-	SPARE	30	34
35	2P	SPARE	-	-	-	-	-	SPARE	2P	36
37	20	SPARE	-	-	-	-	-	SPARE	20	38
39	2P	SPARE	-	-	-	-	-	SPARE	2P	40
41	30	SPARE	-	-	-	-	-	SPARE	20	42
LIGHTING PANEL: LP-2 LOCATION: ELECTRICAL ROOM BUILDING: BAF BUILDING			TOTAL KVA	5.75	8.10	5.57		SERVICE CHARACTERISTICS: 120/208 VOLT - 3 PHASE - 4 WIRE - 60 Hz PROVIDE 150AF/150AT MAIN BREAKER & SOLID NEUTRAL & GROUND BUS		
			GRAND CONNECTED TOTAL KVA	-	-	-	19.36			

NOTES:
1. CONTRACTOR SHALL COORDINATE WITH BAF MANUFACTURER FOR LP-1 BRANCH CIRCUIT REQUIREMENTS AND PROVIDE A PANEL DIRECTORY.