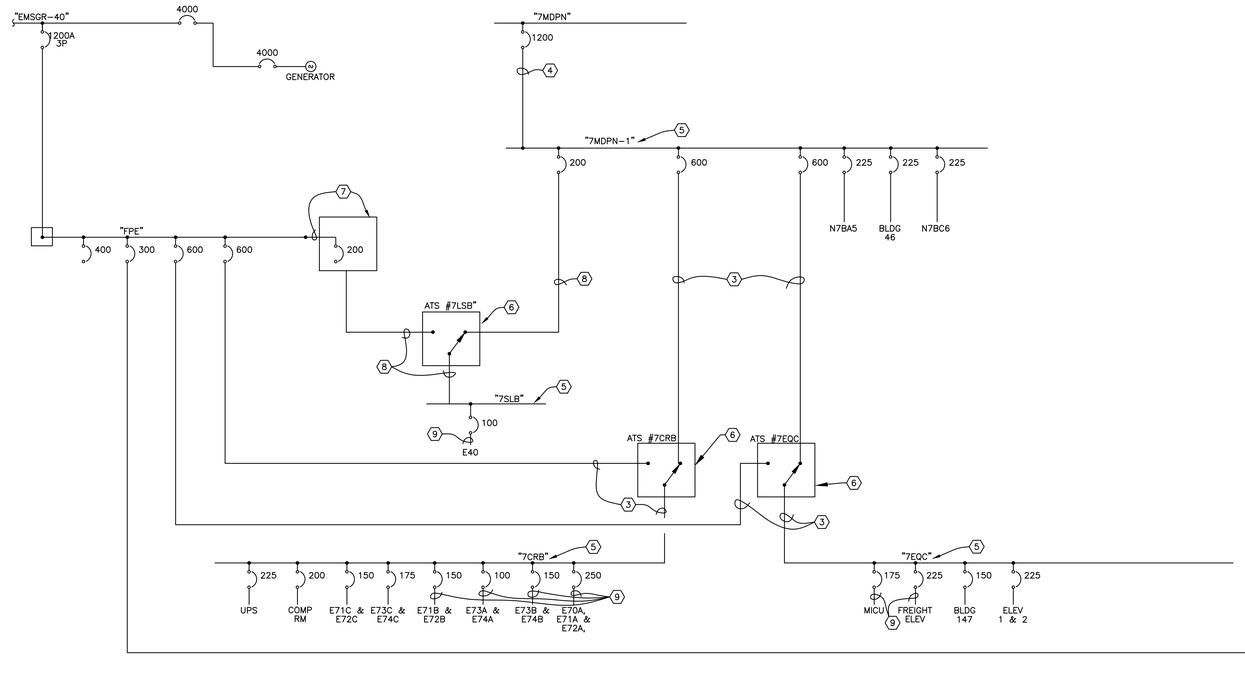


POWER PLAN NOTES

1. EXISTING 4 #500MCM & 1 #3 GRND 3 1/2" C TO REMAIN
2. EXISTING 8 #4/0 & 2 #3 GRND IN 2-2 1/2" C TO REMAIN
3. EXISTING 8 #500MCM & 2 #1/0 GRND IN 2-3 1/2" C TO REMAIN
4. EXISTING 16 #350MCM & 4 #3/0 GRND IN 4-3 1/2" C TO REMAIN
5. PROVIDE NEW PANEL AT LOCATION SHOWN ON SHEET E103.
6. PROVIDE NEW AUTOMATIC TRANSFER SWITCH AT LOCATION SHOWN ON SHEET E103. SEE SCHEDULE ON SHEET E100. CONNECT FEEDERS AS INDICATED. ALSO, RECONNECT GENERATOR START CONDUCTORS, REMOTE CONTROL & ANNUNCIATION CONDUCTORS, & ELEVATOR CONTROL CONDUCTORS. (WHERE APPLICABLE)
7. PROVIDE NEW 200A-3P BREAKER (22,000 AIC) IN NEMA 1 ENCLOSURE & CONNECT TO LUGS OF PANEL "FPE" WITH 4 #3/0 &1 #6 GRND - 2"C.
8. NEW 4 #3/0 & 1 #6 GRND - 2" C.
9. THIS FEEDER TO BE REROUTED TO ORIGINATE IN NEW PANEL AS SHOWN ON REVISED PARTIAL ONE-LINE DIAGRAM. PROVIDE JUNCTION BOX, CONDUIT AND WIRE AS REQUIRED TO MATCH BREAKER AMPACITY AND ACCOMMODATE RELOCATION.

PANEL "7MDPN-1"

SURFACE MOUNTED 1200A MLO PANEL
FOR 120/208V 3ø 4W SERVICE
INTERRUPTING RATING:42,000 AIC

CKT NO.	TRIP AMPS	NO. POLES	LOAD SERVED	PHASE LOAD VA A	B	C	LOAD SERVED	TRIP AMPS	NO. POLES	CKT NO.
1	600	3	ATS 7CRB				ATS 7 EQC	600	3	2
3	–	–	–				–	–	–	4
5	–	–	–				–	–	–	6
7	225	3	PNL N7BA5				BLDG 46	225	3	8
9	–	–	–				–	–	–	10
11	–	–	–				–	–	–	12
13	225	3	PNL N7BC6				ATS 7LSB	200	3	14
15	–	–	–				–	–	–	16
17	–	–	–				–	–	–	18
19	225	3	SPARE				SPARE	225	3	20
21	–	–	–				–	–	–	22
23	–	–	–				–	–	–	24

PANEL "7CRB"

SURFACE MOUNTED 600A MLO PANEL
FOR 120/208V 3ø 4W SERVICE
INTERRUPTING RATING: 25,000 AIC

CKT NO.	TRIP AMPS	NO. POLES	LOAD SERVED	PHASE LOAD VA A	B	C	LOAD SERVED	TRIP AMPS	NO. POLES	CKT NO.
1	100	3	PNLS 73A & 74A				PNLS 71B & 72B	150	3	2
3	–	–	–				–	–	–	4
5	–	–	–				–	–	–	6
7	150	3	PNLS 73B & 74B				PNLS 71C & 72C	150	3	8
9	–	–	–				–	–	–	10
11	–	–	–				–	–	–	12
13	175	3	PNLS 73C & 74C				COMP RM	200	3	14
15	–	–	–				–	–	–	16
17	–	–	–				–	–	–	18
19	250	3	PNLS 70A, 71A & 72A				UPS	250	3	20
21	–	–	–				–	–	–	22
23	–	–	–				–	–	–	24
25	225	3	SPARE				SPARE	225	3	26
27	–	–	–				–	–	–	28
29	–	–	–				–	–	–	30

PANEL "7EQC"

SURFACE MOUNTED 600A MLO PANEL
FOR 120/208V 3ø 4W SERVICE
INTERRUPTING RATING: 25,000 AIC

CKT NO.	TRIP AMPS	NO. POLES	LOAD SERVED	PHASE LOAD VA A	B	C	LOAD SERVED	TRIP AMPS	NO. POLES	CKT NO.
1	150	3	BLDG 147				PNL MICU	175	3	2
3	–	–	–				–	–	–	4
5	–	–	–				–	–	–	6
7	225	3	FREIGHT ELEV				ELEV 1 & 2	225	3	8
9	–	–	–				–	–	–	10
11	–	–	–				–	–	–	12
13	225	3	SPARE				SPARE	225	3	14
15	–	–	–				–	–	–	16
17	–	–	–				–	–	–	18
19	–	–	SPACE ONLY				SPACE ONLY	–	–	20
21	–	–	SPACE ONLY				SPACE ONLY	–	–	22
23	–	–	SPACE ONLY				SPACE ONLY	–	–	24
25	–	–	SPACE ONLY				SPACE ONLY	–	–	26
27	–	–	SPACE ONLY				SPACE ONLY	–	–	28
29	–	–	SPACE ONLY				SPACE ONLY	–	–	30

PANEL "7LSB"

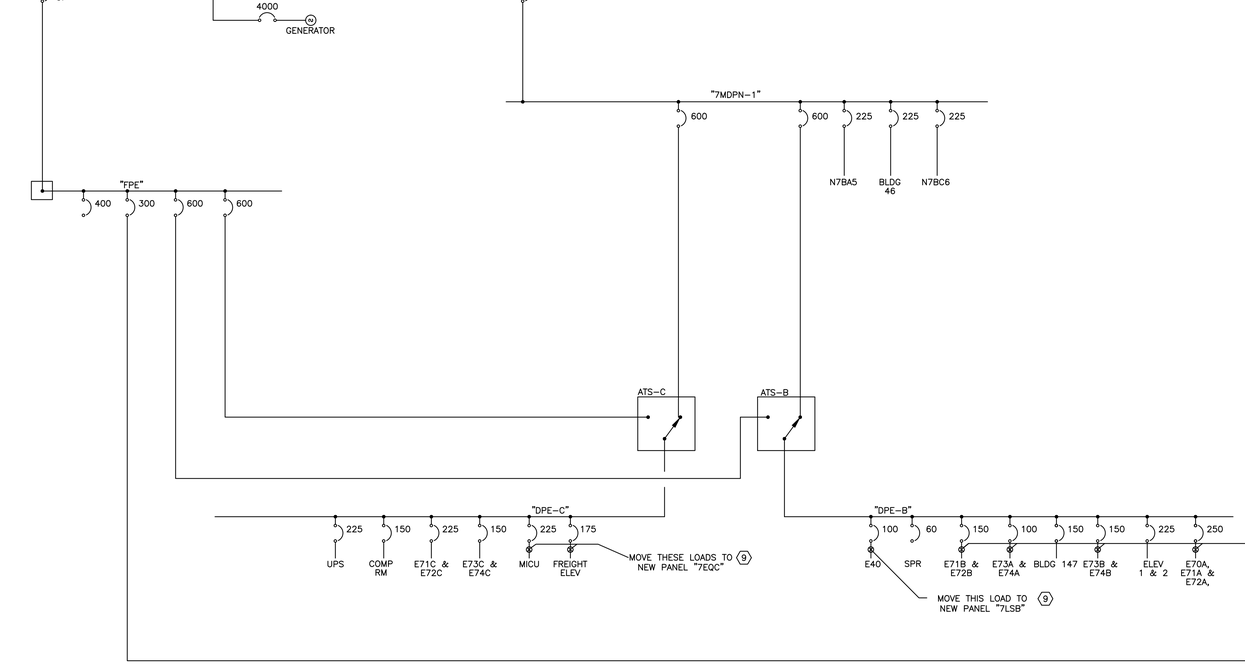
SURFACE MOUNTED 225A MLO PANEL
FOR 120/208V 3ø 4W SERVICE
INTERRUPTING RATING: 25,000 AIC

CKT NO.	TRIP AMPS	NO. POLES	LOAD SERVED	PHASE LOAD VA A	B	C	LOAD SERVED	TRIP AMPS	NO. POLES	CKT NO.
1	60	3	2ND FLR				1ST FLR	60	3	2
3	–	–	–				–	–	–	4
5	–	–	–				–	–	–	6
7	60	3	3RD FLR				BSMNT	60	3	8
9	–	–	–				–	–	–	10
11	–	–	–				–	–	–	12
13	100	3	4TH FLR				PNL E40	100	3	14
15	–	–	–				–	–	–	16
17	–	–	–				–	–	–	18
19	–	–	SPACE ONLY				SPACE ONLY	–	–	20
21	–	–	SPACE ONLY				SPACE ONLY	–	–	22
23	–	–	SPACE ONLY				SPACE ONLY	–	–	24

1 REVISED PARTIAL ONE-LINE DIAGRAM

E104

SCALE: N.T.S.



2 EXISTING PARTIAL ONE-LINE DIAGRAM

E104

SCALE: N.T.S.

Revisions:	Date

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Drawing Title: **BUILDINGS 7 & 45 PARTIAL ONE-LINE DIAGRAMS**

Approved: Project Director

Project Title: A&E DESIGN REPLACEMENT OF TRANSFER SWITCH FINAL SUBMITTAL

Location: VAMC; ALEXANDRIA, LA.

Date: JULY 13, 2012 | Checked: RJD | Drawn: EEC

Project Number: 502-11-111

Building Number: **7 & 45**

Drawing Number: E104 Dwg. 6 of 7

Office of Facilities Management

Department of Veterans Affairs

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