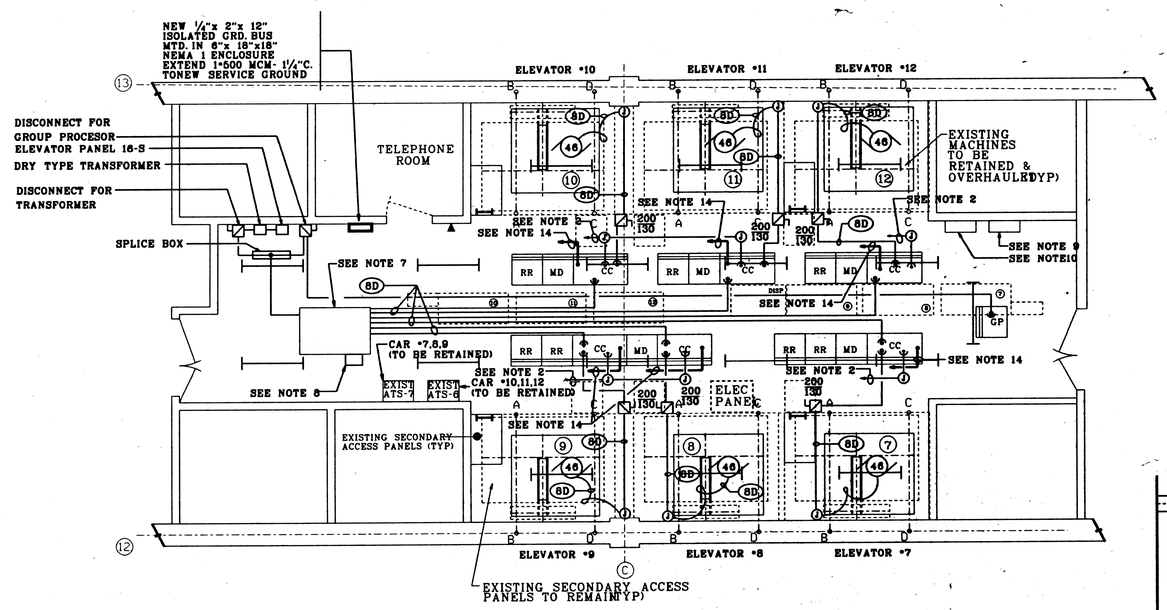
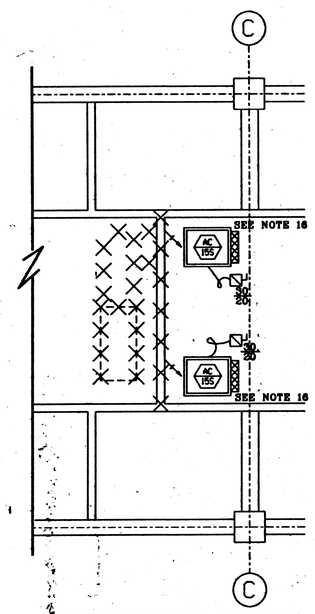


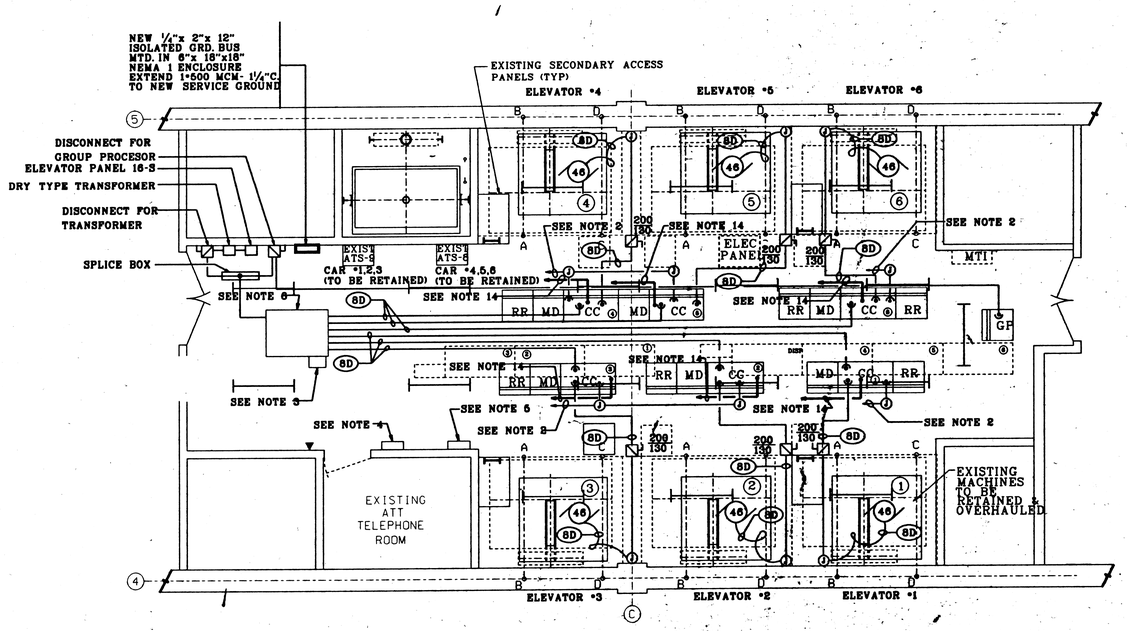
ELECTRICAL SYSTEM LAYOUT
MACHINE ROOM (SOUTH) @ 16TH FLOOR
ELEVATOR NOS. 7 THRU 12

1 SCALE:1/4" = 1"-0"



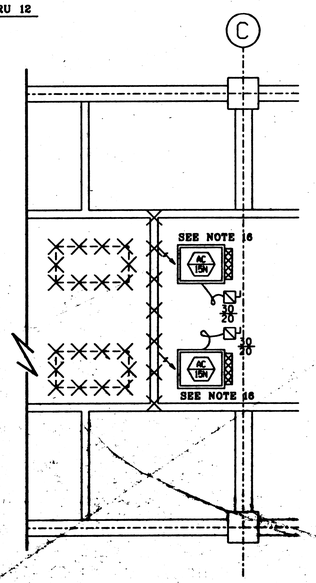
1 PARTIAL MOTOR GENERATOR ROOM PLAN
(NORTH @ 16 TH FLOOR) ELEVATOR NOS. 7 THRU 12

SCALE:1/4" = 1"-0"



ELECTRICAL SYSTEM LAYOUT
MACHINE ROOM (NORTH) @16TH FLOOR
ELEVATOR NOS. 1 THRU 6

2 SCALE:1/4" = 1"-0"



1 PARTIAL MOTOR GENERATOR ROOM PLAN
(SOUTH @ 16 TH FLOOR) ELEVATOR NOS. 7 THRU 12

SCALE:1/4" = 1"-0"

NOTES

1. RETAIN EXISTING ELECTRICAL SYSTEM FOR LIGHTING, POWER AND LOW CURRENT SYSTEMS.MODIFY LIGHTING AS REQUIRED TO ALL.
2. 1 1/4" CONDUIT TO EXISTING TELEPHONE CABINET.
3. RETAIN EMERGENCY TRANSFER SWITCH ELEVATOR #1,2,3,4,5,6
4. RETAIN EXISTING 400A, CIRCUIT BREAKER FOR LOW RISE ELEVATOR #4,5,6
5. RETAIN EXISTING 400A, CIRCUIT BREAKER FOR LOW RISE ELEVATOR #1,2,3
6. RETAIN EXISTING ELEVATOR SWITCHBOARD WITH CIRCUIT BREAKERS FOR ELEVATOR #1 THRU 6
7. RETAIN EXISTING ELEVATOR SWITCHBOARD WITH CIRCUIT BREAKERS FOR ELEVATOR #7 THRU 12
8. RETAIN EMERGENCY TRANSFER SWITCH ELEVATOR #7,8,9,10,11,12
9. RETAIN EXISTING 400A, CIRCUIT BREAKER FOR LOW RISE ELEVATOR #7,8,9
10. RETAIN EXISTING 400A, CIRCUIT BREAKER FOR LOW RISE ELEVATOR #10,11,12
11. FEEDER SIZES AS SHOWN ARE TYPICAL FOR ALL SECTIONS INCLUDING JUNCTION BOX TO MOTOR
12. TELEPHONE ROOM IS LOCATED NEAR 4D ON 16TH FLOOR
13. NEW HVAC DUCTS ARE TO BE INSTALLED ON 16TH FLOOR MACHINE ROOM. NORTH & SOUTH CO-ORDINATE LOCATION OF EXISTING LIGHT FIXTURE/DEVICES & RE-LOCATE ANY IF REQUIRED.
14. 1-4-3/4" TWW GRD. TO GROUND BUS
15. REMOVE AND INSTALL EXISTING LIGHT FIXTURES ON LOCATIONS AS SHOWN ON DRG-9M4 EXTEND CONDUITS AND WIRES AS REQUIRED
16. SPLICE AND EXTEND EXISTING WIRING FOR AC-15N & AC-15S (TOTAL OF 4 UNITS) ARE 460V-3PH.-60HZ,9.8 RLA,15MCA

NO.	REVISION	DATE
	FINAL	2/23/96

ENVIRONMENTAL SYSTEMS DESIGN
CONSULTING ENGINEERS
MECHANICAL - ELECTRICAL
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East Brunswick, N.J. 08816-1426
908-613-9600 FAX 908-613-9696

GENERAL SERVICES ADMINISTRATION
PUBLIC BUILDING SERVICE
CHICAGO IL

BUILDING	NAME	E. M. DIRKSEN (EMD) BUILDING
	ADDRESS	219 S. DEARBORN ST
	CITY / STATE	CHICAGO IL
	NUMBER	
PROJECT	DESCRIPTION	ELEVATOR IMPROVEMENT FOR EMD BLDG
	NUMBER	IL94004
DRAWING	DRAWN BY	RC
	CKD BY	JS/MA
	DATE	2/23/96
	TITLE	16TH FLOOR POWER
	TYPE	ELECTRICAL
	NUMBER	9 (TYPE) E (SERIES) 5 (SEQUENCE)

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