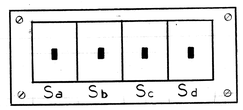
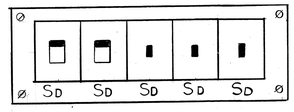
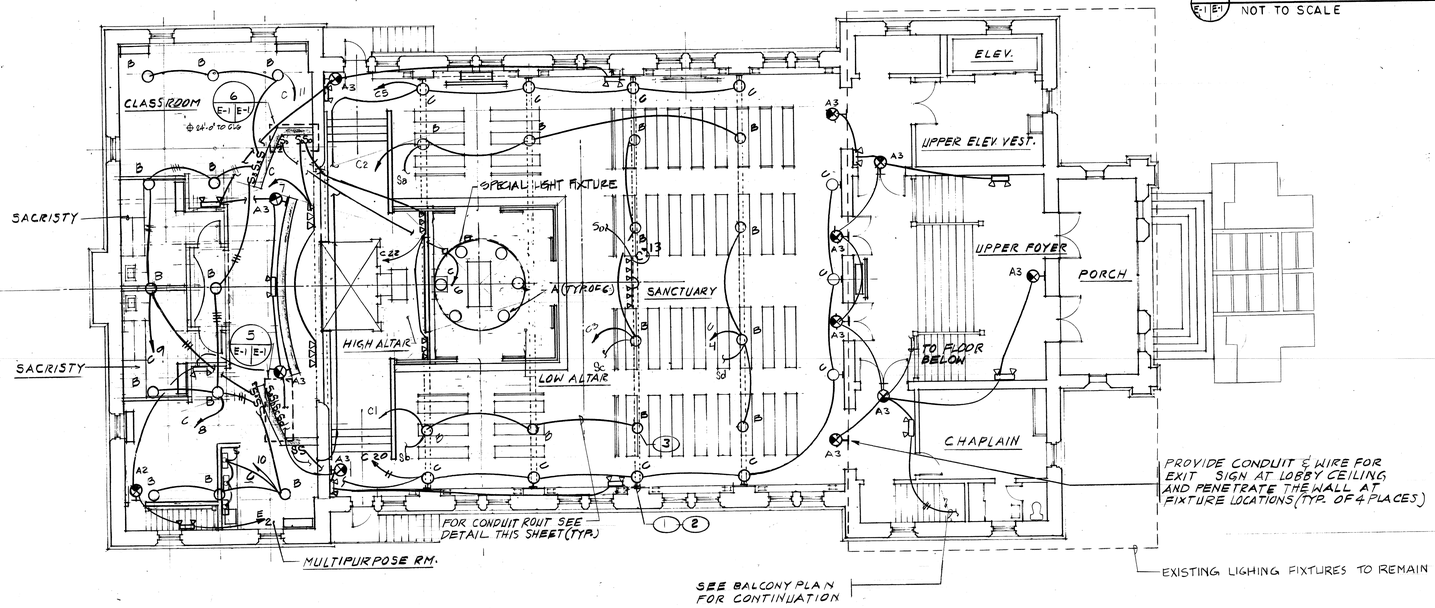


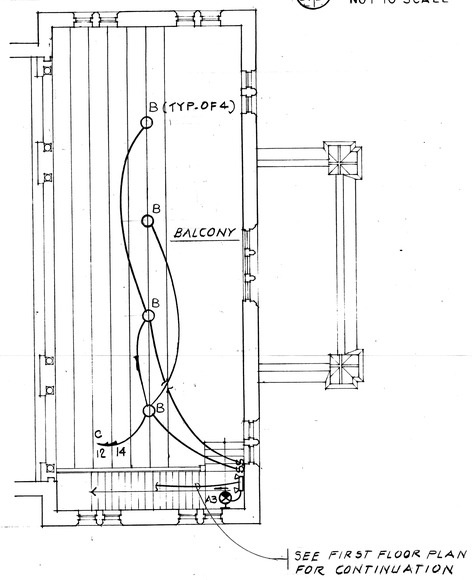
5 E-1 E-1 LIGHT DIMMER SWITCHES DETAIL
NOT TO SCALE



6 E-1 E-1 LIGHT DIMMER, SWITCHES DETAIL
NOT TO SCALE



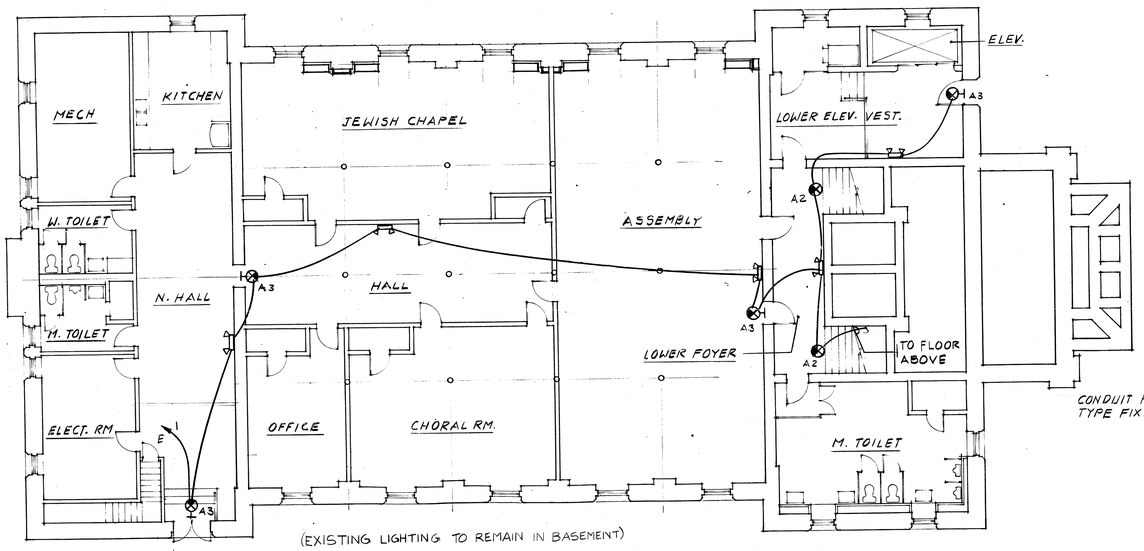
2 E-1 E-1 FIRST FLOOR PLAN—LIGHTING



3 E-1 E-1 BALCONY PLAN

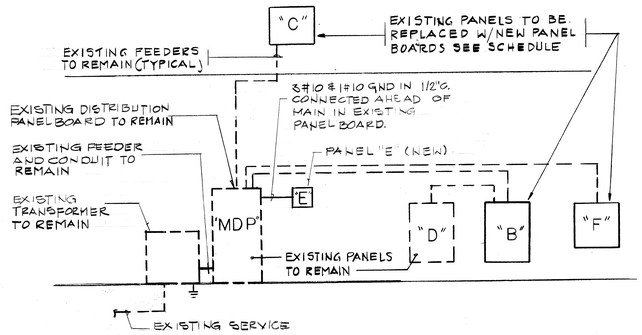
NOTES:

1. WIRING TO ALL WALL SCONCES SHALL BE WITHIN THE WALL FROM FLOOR BELOW
2. PATCH & PAINT WALL TO MATCH WITH EXISTING, SEE DETAIL THIS SHEET
3. WIRING FOR ALL PENDENT MOUNTED FIXTURES SHALL RUN BETWEEN/THROUGH JOIST., PAINT CONDUITS/ JUNCTION BOXES TO MATCH WITH JOIST & STRUCTURAL ROOF

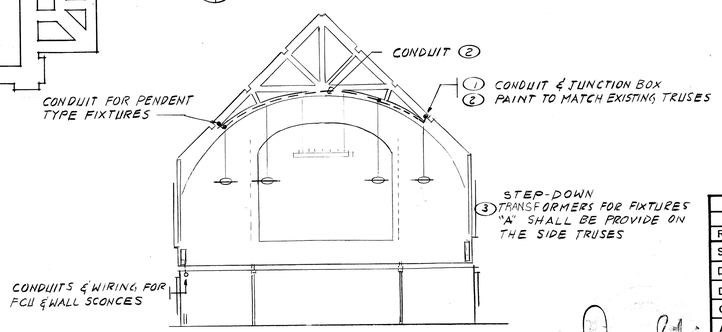


(EXISTING LIGHTING TO REMAIN IN BASEMENT)
ALL EXISTINGS BRANCH CIKTS. TO BE RE-USED & ENERGIZED BY NEW PANELS WHICH REPLACED EXISTING IN THE SAME LOCATION.

1 E-1 E-1 BASEMENT PLAN—LIGHTING



4 E-1 E-1 PARTIAL POWER RISER
NOT TO SCALE



7 E-1 E-1 SECTION THRU SANCTUARY
NO SCALE

REVISION	DATE	DESCRIPTION	BY	APP.

SCALE: 1/8" = 1'-0"
DESIGNED: A J E
DRAWN: R J
CHECKED: A R
APPROVED:
DATE: 11·22·91

STANLEY HALL
RESTORATIONS AND ALTERATIONS
FLOOR PLANS (LIGHTING)

KERNS GROUP ARCHITECTS P.C.
666 11TH ST, NW. SUITE 400
WASHINGTON, DC 20001

SHEET E-1 OF 17 PLATE NO. 14

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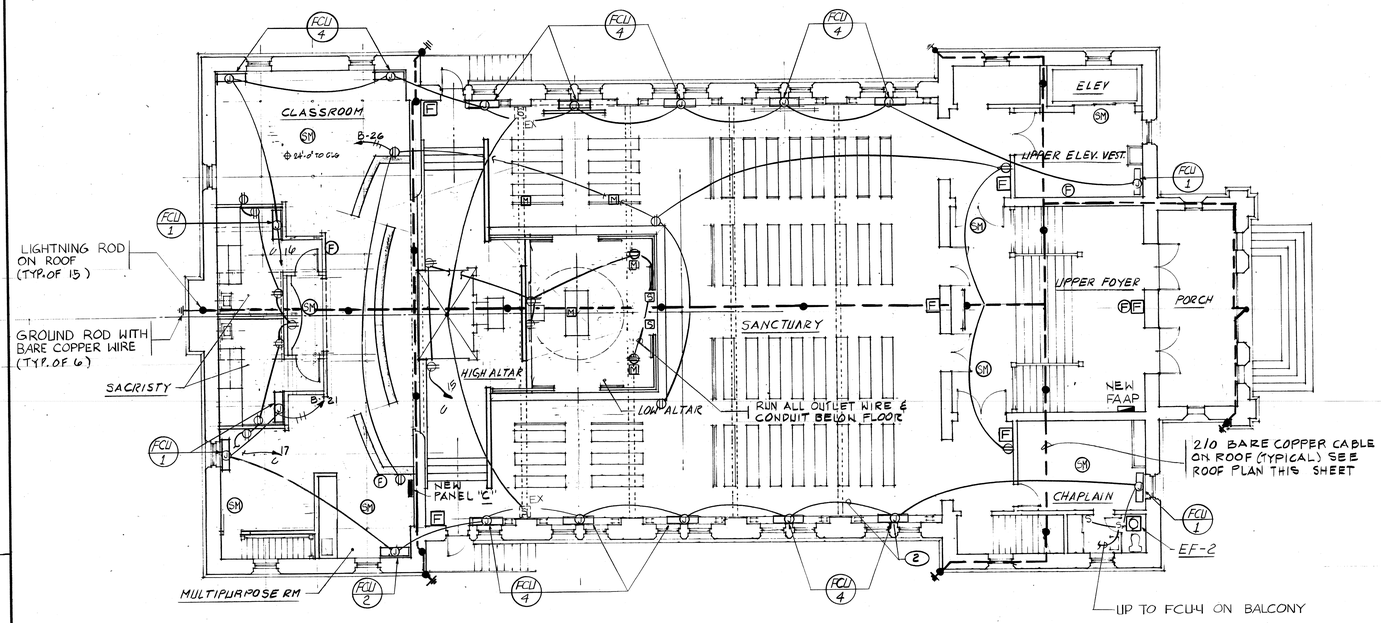
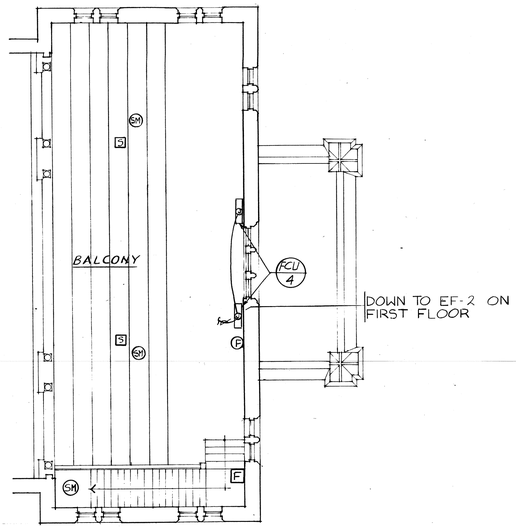
WASHINGTON, D.C.
A/E OFFICE (R.P.M.M./L.D.)
91-5



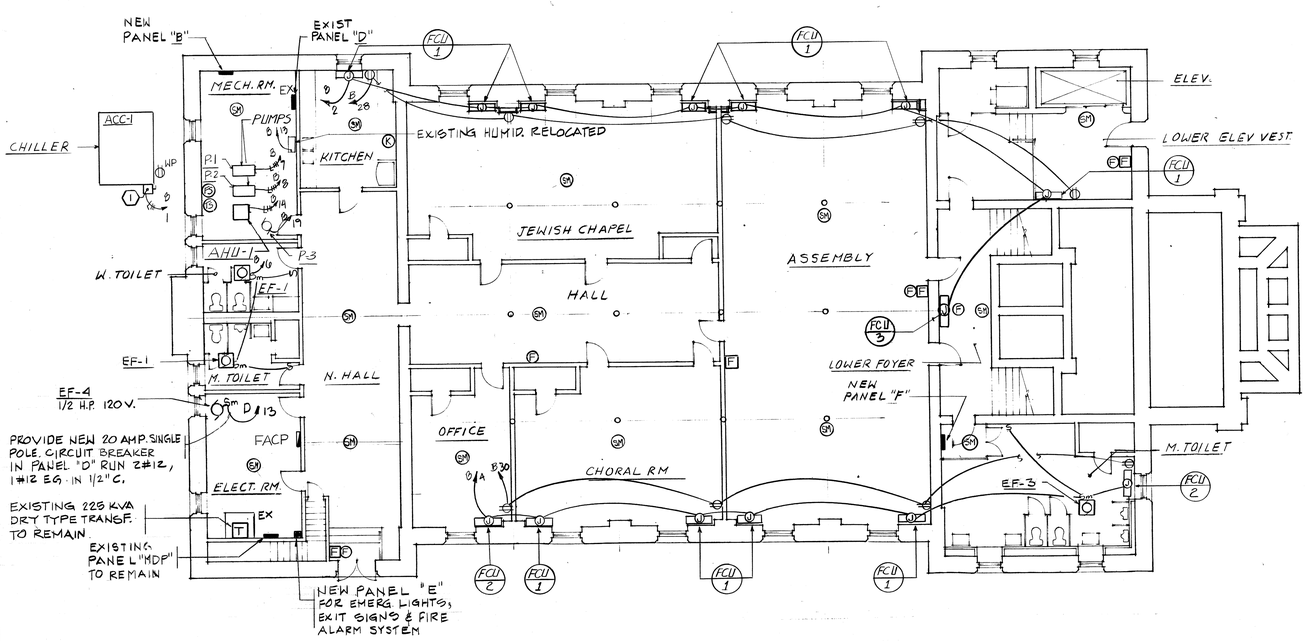
FIRST FLOOR PLAN-POWER/LIGHTNING PROTECTION (2 E-2/E-2)



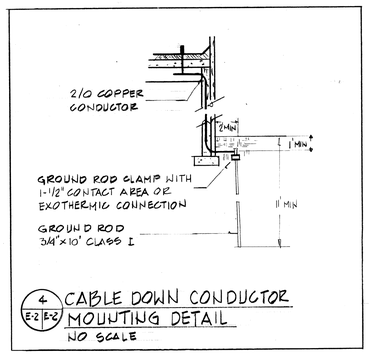
BALCONY PLAN (3 E-2/E-2)

GENERAL NOTES:

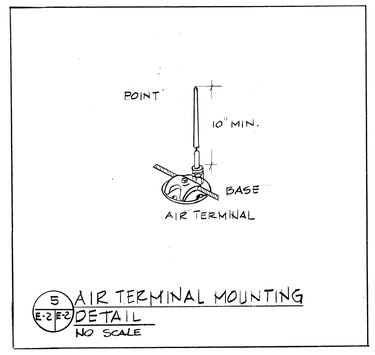
1. ALL EXPOSED CONDUITS SHALL BE PAINTED TO MATCH WITH ARCHITECTURAL ITEMS.
2. WIRING & CONDUIT FOR FCU SHALL RUN IN BASEMENT FLR. CEILING AND PENETRATE THRU FLOOR.



BASEMENT PLAN — POWER (1 E-2/E-2)



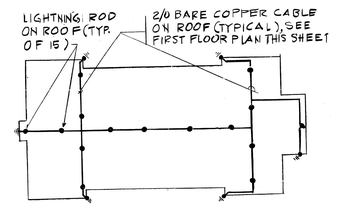
4 E-2/E-2 CABLE DOWN CONDUCTOR MOUNTING DETAIL
NO SCALE



5 E-2/E-2 AIR TERMINAL MOUNTING DETAIL
NO SCALE

NOTES: (SOUND SYSTEM)

1. CONTRACTOR SHALL CONNECT SPEAKERS AND RUN WIRES IN 3/4" CONDUIT BACK TO SPEAKER (AMPLIFIER) PANEL.
2. CONTRACTOR SHALL RUN 3/4" CONDUIT AND WIRE TO MICROPHONE OUTLETS AND CONNECT WIRES TO SPEAKER (AMPLIFIER) PANEL.
3. CONTRACTOR SHALL CHECK THE INFRA-RED HEARING TRANSMETER TO ENSURE THAT SPEAKER IS WORKING PROPERLY.
4. CONTRACTOR SHALL MAKE SURE THAT THE SOUND SYSTEM IS WORKING PROPERLY.



6 E-2/E-2 ROOF PLAN—LIGHTNING-PROTECTION
SCALE: 1/30" = 1'-0"

REVISION	DATE	DESCRIPTION	BY	APP.

SCALE: 1/8" = 1'-0"	STANLEY HALL RESTORATIONS AND ALTERATIONS FLOOR PLANS (POWER)
DESIGNED: AJE	
DRAWN: RJ	
CHECKED: AR	KERNS GROUP ARCHITECTS P.C. 666 11TH ST. NW. SUITE 400 WASHINGTON, DC 20001
APPROVED:	
DATE: 11.22.91	SHEET E-2 OF 17 — PLATE NO. 15

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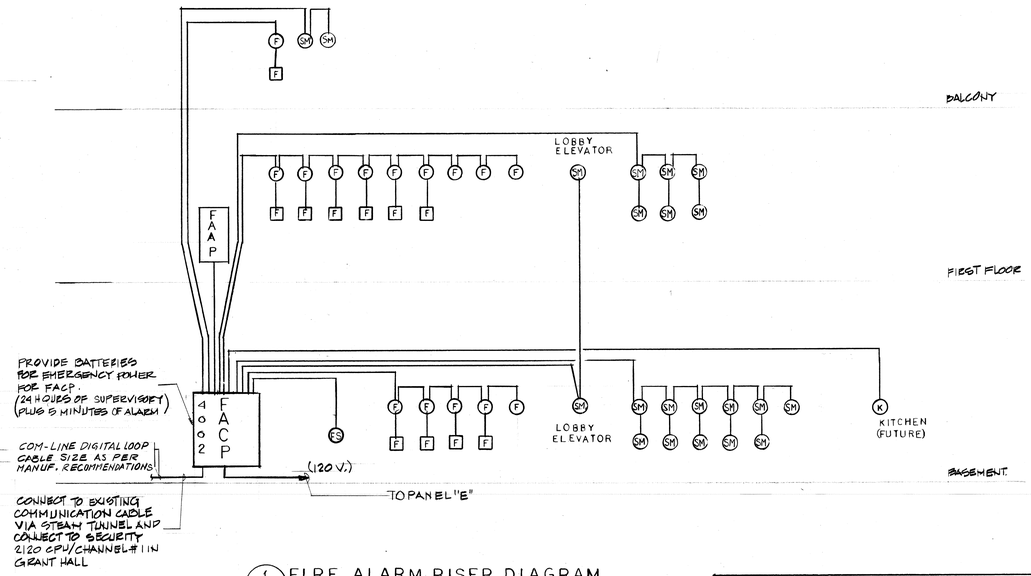
A/E OFFICE (R.P.M.M./L.D.) 91-5

PANEL 'C' (NEW) — 208Y/120 VOLTS. 3 PHASE 4 WIRE 225 AMPS
SOLID NEUTRAL: FULL NEMA TYPE: 1 200 MCB (MLO)
GROUND BUS FULL A.I.C. SYM ____ STD. FRAME ____
LOCATION 1ST. FLOOR MOUNTING SURFACE

REMARKS * PROVIDE NEW CIRCUIT BREAKER (REPLACE EXIST. PANEL BOARD)

DESCRIPTION	CONNECTION	C.B.-AMPS P	TRIP	NO.	A B C	NO.	C.B.-AMPS P	TRIP	CONNECTION	DESCRIPTION
LTS	2#12 - 1/2" C	1	20	1		2	1	20	EXISTING	
		1	20	3	(TYP) (TYP)	4	1	20	2#12 - 1/2" C	LTS
		1	20	5		6	1	20		
		1	20	7		8	1	20		
		1	20	9		10	1	20		
		1	20	11		12	1	20		
		1	20	13		14	1	20		
RECEPT.		1	20	15		16	1	20		FCU
		1	20	17		18	1	20	2#12, 1#12EG	RECEPT.
		1	20	19		20	1	20	2#12, 1/2" C	LIGHTS
OCCUPIED	EXISTING	1	20	21		22	1	20	2#12, 1/2" C	LIGHTS
		1	20	23		24	1	20	EXISTING	EXIST. RECEPT
		1	20	25		26	1	20		
		1	20	27		28	1	20	EXISTING	TV. POWER
		1	20	29		30	1	20	EXISTING	OCCUPIED
		1	20	31		32	1	20		
		1	20	33		34	1	20	EXISTING	COFFEE
		1	20	35		36	1	20		OCCUPIED
		1	20	37		38	1	20		
		1	20	39		40	1	20	EXISTING	PROJECTION & PA SYSTEM
		1	20	41		42	1	20		



1 / E-3 | E-3 FIRE ALARM RISER DIAGRAM
NOT TO SCALE

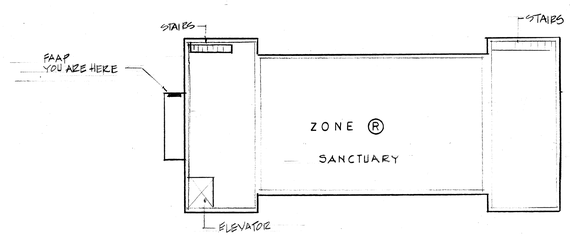
SYMBOL LIST

- DUPLEX RECEPTACLES
- F FIRE ALARM MANUAL PULL STATION 4'-0" AFF
- F FIRE ALARM AUDIO/VISUAL DEVICE 7'-0" AFF
- SM SMOKE DETECTOR
- EXISTING PANEL BOARD
- DISCONNECT SWITCH
- S TOGGLE SWITCH
- SD DIMMER SWITCH
- FIRE ALARM PANEL
- WP WEATHER PROOF
- AFF ABOVE FINISHED FLOOR
- FACP FIRE ALARM CONTROL PANEL
- FAAP FIRE ALARM ANNUNCIATOR PANEL
- S SPEAKER
- M MIC. OUTLET
- TS TAMPER SWITCH
- FS FLOW SWITCH

PANEL "B" (NEW) — 208/120 VOLTS. 3 PHASE 4 WIRE 400 AMPS
SOLID NEUTRAL: FULL NEMA TYPE: 1 MCB (MLO)
GROUND BUS: FULL A.I.C. SYM 10,000 STD. FRAME ____
LOCATION MECH. ROOM MOUNTING SURFACE
REMARKS

DESCRIPTION	CONNECTION	C.B.-AMPS P	TRIP	NO.	A B C	NO.	C.B.-AMPS P	TRIP	CONNECTION	DESCRIPTION
ACC-1	3#250 MCM + 1#250 MCM GND. IN 2 1/2" C	3	250	1		2	1	20	2#12+1#12 GND.	FCU
				3	(TYP) (TYP)	4	1	20		FCU
				5		6	1	20		EF-1
P-1	3#10+1#10 GND IN 1-1/2" C.	3	30	7		8	3	30	3#10+1#10 GND. IN 1-1/2" C.	P-2
				9		10				
				11		12				
HUMID.	3#1 1#8 GND. IN 1-1/2" C.	3	125	13		14	3	20	2#12+1#12 GND IN 1/2" C.	AHU-1
				15		16				
				17		18				
P-3	2#12-1 1/2" C.	1	20	19		20	3	100	EXISTING	KITCHEN PNL
FCU	2#12+1#12 EG, 1#12	1	20	21		22				
PANEL 'D'	EXIST	3	100	23		24				
				25		26	1	20	2#12, 1#12EG IN 1/2" C	RECEPT.
				27		28	1	20		
SPACE	—		—	29		30	1	20		

NOTE:
PANELBOARDS B, C, & F ARE REPLACING EXIST. PANELS.
EXIST. WIRE AND CONDUITS TO BE RE-USED.
CONTRACTOR TO RE ENERGIZE ALL EXIST. CIRCUITS FROM NEW PANELS.



2 / E-3 | E-3 FIRE ALARM GRAPHIC ANNUNCIATOR PANEL
NOT TO SCALE

INITIATING DEVICE CIRCUIT SCHEDULE

CIRCUIT No.

1. BALCONY MANUAL PULL STATION
2. BALCONY SMOKE DETECTOR
3. 1ST FLOOR MANUAL PULL STATION
4. 1ST FLOOR SMOKE DETECTOR
5. (FUTURE)
6. BASMT. FL. KITCHEN HOOD
7. BASMT. FL. SMOKE DETECTOR
8. BASEMENT FL. ELEVATOR LOBBY SMOKE DETECTOR
9. BASEMENT FL. MANUAL PULL STATION
10. BASEMENT SPRINKLER FLOW SWITCH

RELAY SCHEDULE

ELEVATOR (PRIMARY)
ELEVATOR (ALTERNATE)

INDICATING APPLIANCE CIRCUITS

BALCONY & 1ST FL. (GENERAL ALARM)
BASEMENT (GENERAL ALARM)

PANEL "F" (NEW) — 208Y/120 VOLTS 3 PHASE 4 WIRE 100 AMPS
SOLID NEUTRAL FULL NEMA TYPE: 1 MCB/MLO
GROUND BUS: FULL A.I.C. SYM ____ STD. FRAME ____
LOCATION: BASEMENT MOUNTING SURFACE
REMARKS: THIS PANEL REPLACES THE EXISTING PANEL

DESCRIPTION	CONNECTION	C.B.-AMPS P	TRIP	NO.	A B C	NO.	C.B.-AMPS P	TRIP	CONNECTION	DESCRIPTION
OCCUPIED	EXISTING	1	20	1		2	1	20	EXISTING	OCCUPIED
				3		4				
				5		6				
				7		8				
				9		10				
				11		12				
				13		14				
				15		16				
				17		18				
				19		20				
				21		22				
				23		24				
				25		26				
				27		28				
				29		30				
				31		32				
				33		34				
				35		36				
				37		38				
				39		40				
				41		42				

LIGHTING FIXTURE SCHEDULE (DWG. NO. 40-06-04)

FIXTURE TYPE		DESCRIPTION	LAMP NO.	LAMP TYPE	VOLTS	MOUNTING	LOCATION	REMARKS
A	○	SUSPENDED	2	75 WATTS	120/12	FRAME		PROVIDE 250W, 120/12V STEP DOWN TRANSFORMER
B	○	SUSPENDED	1	500W PS35	120	PEND.		
C	○H	WALL CANOPY	3	60W PS35	120	WALL		
D	○	ROUND	1	32W CIRLINE	120	SURFACE		
	⊗A3	EXIT LIGHT	2	INCLUDE	120	WALL		W/EMERG. BATTERY PACK
	⊟	EMERGENCY	2	18W. HAL.	120	WALL		W/EMERG. BATTERY PACK
	▽▽▽	TRACK LIGHT	3	150W	120	SURFACE		PROVIDE TRACK & MTG. ACCESS.
	▭	UNDERCABINET FLUORESCENT	2	8 W	120	SURFACE		
	⊗A2	EXIT LIGHT	2	INCLUDE	120	CEILING		W/EMERG. BATT. PACK

DISCONNECT SWITCH SCHEDULE

No	No. OF POLE	AMPERES BUS	AMPERES FUSE	VOLTAGE	WIRE	ENCLOSURE NEMA TYPE	APLICATION
1	3	400	250	240	3	3R	CHILLER

EQUIPMENT SCHEDULE

ITEM	LOCATION	VOLTS	PHASE	DISCONNECT SWITCH RATING	POLE	FUSE	NEMA ENCL.	REMARKS
ACC-1		208	3	400	3	250	3R	
AHU-1		208	3	30	3	15	1	
PUMP		208	3	30	3	15	1	
FCU		120	1	—	—	—	—	DISC. SW. W/ UNIT
EF		120	1	—	—	—	—	H.P. RATED TOGGLE SW.

Ⓡ BASEMENT
Ⓡ FIRST FLOOR

Ⓡ MANUAL PULL STATION
Ⓡ SMOKE DETECTOR
Ⓡ KITCHEN HOOD (FUTURE)
Ⓡ ELEVATOR LOBBY SMOKE DETECTOR
Ⓡ SPRINKLER FLOW

NOTE: FOR ALL PANELS.
DISCONNECT EXISTING FEEDERS AND BRANCH CIRCUITS FROM OLD PANEL BOARD, RECONNECT EXISTING FEEDERS AND BRANCH CIRCUITS TO NEW PANEL BOARD.

PANEL MDP (EXIST.) 208/120 VOLTS. 3 PHASE 4 WIRE 600 AMPS
SOLID NEUTRAL: ____ NEMA TYPE: ____ 600 (MCB) (MLO)
GROUND BUS: ____ A.I.C. SYM ____ STD. FRAME ____
LOCATION BASEMENT MOUNTING ____
REMARKS

DESCRIPTION	CONNECTION				A B	C.B.-AMPS NO.	P	TRIP	CONNECTION	DESCRIPTION
PANEL "C"	EXIST.	3	125	1		2	3	125	EXIST	PANEL "F"
				3		4				
				5		6				
PANEL "B"	EXIST	3	350	7		8	3	100	—	SPARE
				9		10			—	
				11		12			—	

PANEL "E" (NEW) 208/120 VOLTS 1 PHASE 3 WIRE 30 AMPS
SOLID NEUTRAL: YES NEMA TYPE: 1 MLO
GROUND BUS: 100 A.I.C. SYM 10,000 STD. FRAME ____
LOCATION: BASEMENT MOUNTING, SURFACE
REMARKS

DESCRIPTION	CONNECTION	C.B.-AMPS P	TRIP	NO.	A B	NO.	C.B.-AMPS P	TRIP	CONNECTION	DESCRIPTION
EXIT LIGHTS	2#12	1	20	1		2	1	20	2#12	EXIT LIGHTS
FACP	2#12	1	20	3		4	1	20	2#12	SPARE
SPACE	—		—	5		6		—	—	SPACE
	—		—	7		8		—	—	
	—		—	9		10		—	—	
	—		—	11		12		—	—	

REVISION	DATE	DESCRIPTION	BY	APP.

SCALE: AS SHOWN
DESIGNED: AJE
DRAWN: RJ
CHECKED: AR
APPROVED:
DATE: 11-22-91

STANLEY HALL
RESTORATIONS AND ALTERATIONS
SCHEDULES RISER DIAGRAMS AND NOTES
KERNS GROUP ARCHITECTS P.C.
666 11TH ST. NW. SUITE 400
WASHINGTON, DC 20001

SHEET E-3 OF 17 PLATE NO. 16

UNITED STATES SOLDIERS' & AIRMEN'S HOME
WASHINGTON, D.C.
A/E OFFICE (R.P.M.M./L.D.)
91-5

TCA 301-565-3340