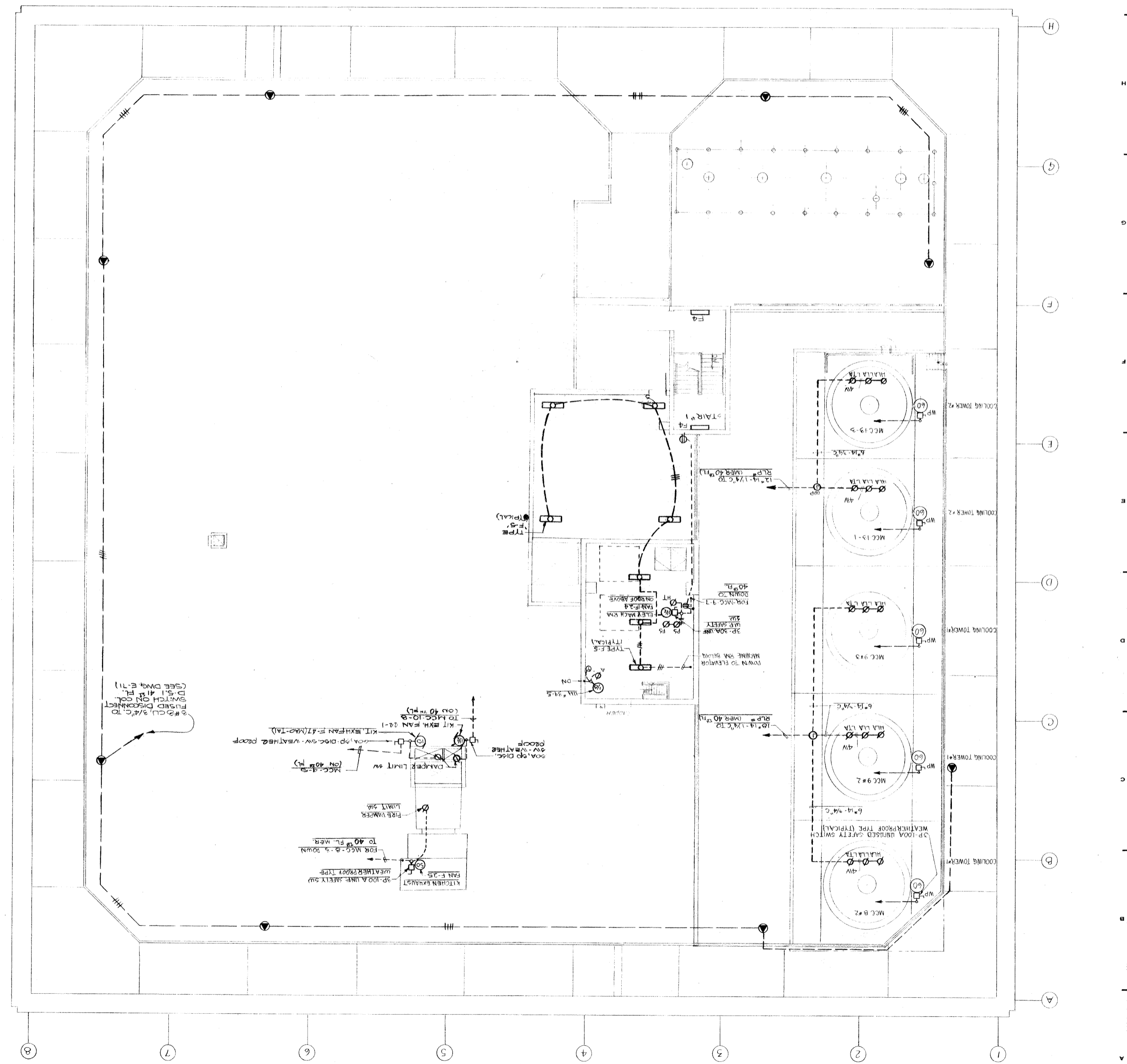
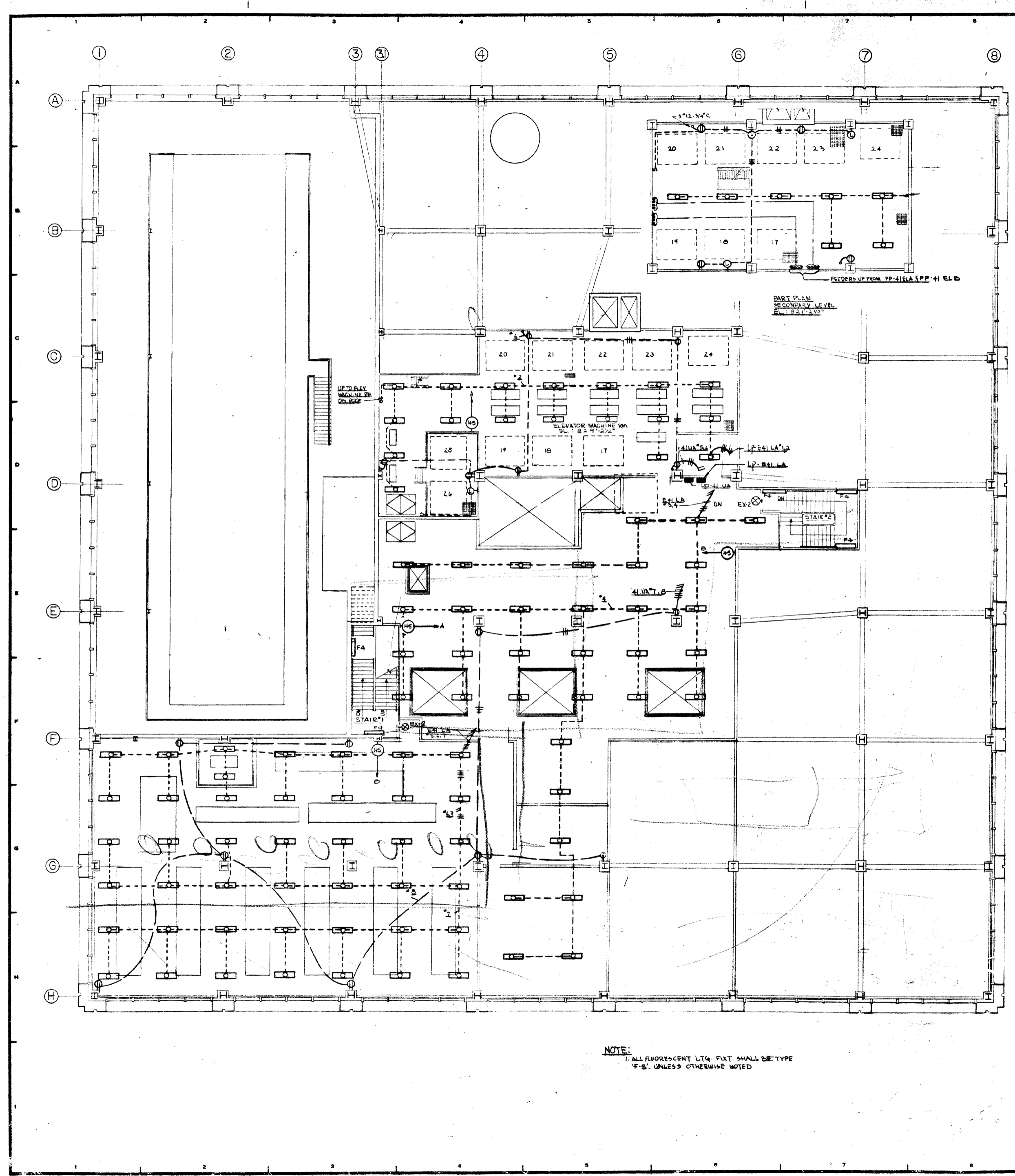




SCALE 1/8" = 1'-0"
DATE 1-7-72
DRAWING NUMBER E-72
PROJECT NUMBER 7101
<b>ROOF PLAN</b> ELECTRICAL
JAROS, BAUM & BOLL MECHANICAL ENGINEERS 345 PARK AVENUE N.Y. N.Y. 10022
THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS 315 MADISON AVENUE N.Y. N.Y. 10017
PETERSON AND BRICKBAUER ARCHITECTS 475 PARK AVENUE SOUTH N.Y. N.Y. 10016
SHREVE, LAMB & HARMON ASSOCIATES ARCHITECTS GREENWICH AND LIBERTY ST. N.Y. N.Y. 10007
<b>A FISHER BROTHERS</b> PROJECT <b>PLAZA</b> BANKERS TRUST
ISSUED TO NO. DATE
NO. DATE DESCRIPTION
REVISIONS
12-21-70 GENERAL UPDATE



66



12-21-70	GENERAL UPDATE		
REVISIONS			
NO.	DATE	DESCRIPTION	
ISSUED TO	NO.	DATE	PKG. NO.
BANKERS TRUST			
TRAVEL			
<b>A FISHER BROTHERS PROJECT</b>			
GREENWICH AND LIBERTY ST. N.Y. N.Y.			
SHREVE, LAMB & HARMON ASSOCIATES INC.			
ARCHITECTS			
475 PARK AVENUE SOUTH N.Y. N.Y. 10016			
PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS			
919 THIRD AVENUE N.Y. N.Y. 10022			
THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS			
315 MADISON AVENUE N.Y. N.Y. 10022			
J. A. BAUM & BOLLES MECH. & ELEC. ENGINEERS			
345 PARK AVENUE N.Y. N.Y. 10022			

4TH FLOOR PLAN LIGHTING (MECHANICAL FLOOR)	
PROJECT NUMBER	7101
DRAWING NUMBER	E-71L
DATE	1-7-72
SCALE	1/8" = 1'-0"

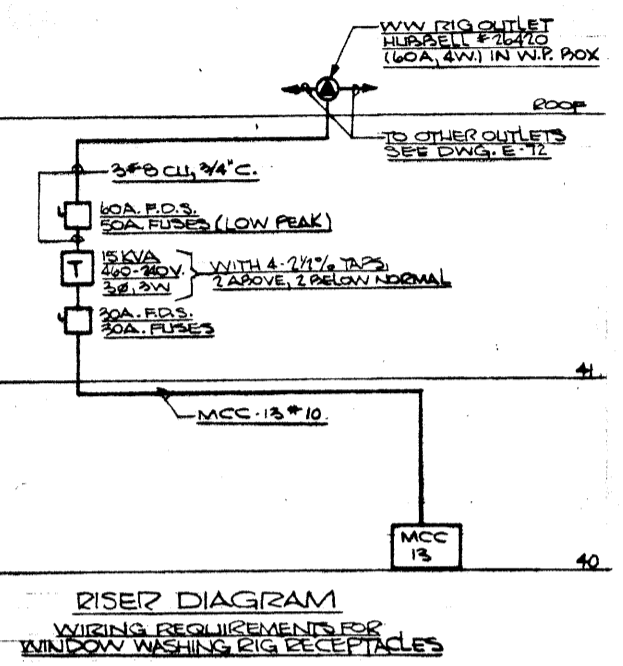
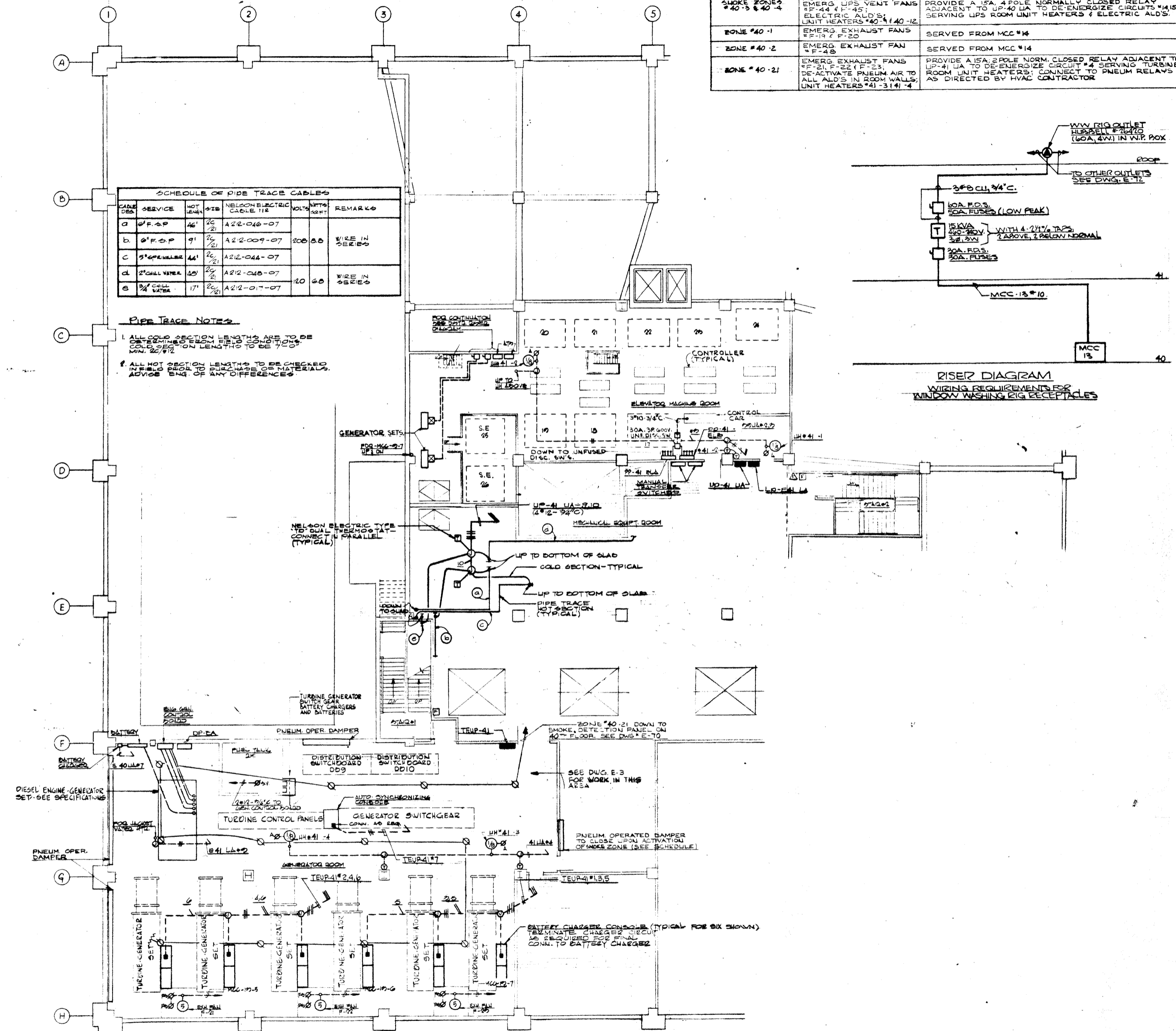
SMOKE ZONES	HVAC UNITS TO BE SHUTDOWN	REMARKS
SMOKE ZONE #40-1 & #40-2	A/C UNITS #AC-401 TO AC-4011 INCLUSIVE; EMERG. UPS VENT FANS #F-44 #F-45; ELECTRIC ALD'S; UNIT HEATERS #40-1140-12	PROVIDE A USA 4 POLE NORMALLY CLOSED RELAY ADJACENT TO UP-40 UA TO DE-ENERGIZE CIRCUIT #14151-33
ZONE #40-1	EMERG. EXHAUST FANS #F-14 #F-20	SERVED FROM MCC #14
ZONE #40-2	EMERG. EXHAUST FAN #F-48	SERVED FROM MCC #14
ZONE #40-21	EMERG. EXHAUST FANS #F-21, #F-22 (#F-23); DE-ACTIVATE PNEUM AIR TO ALL ALD'S IN ROOM WALLS; UNIT HEATERS #41-3141-4	PROVIDE A USA 2 POLE NORM. CLOSED RELAY ADJACENT TO UP-41 UA TO DE-ENERGIZE CIRCUIT #4 SERVING TURBINE ROOM UNIT HEATERS; CONNECT TO PNEUM RELAYS AS DIRECTED BY HVAC CONTRACTOR

CABLE DES.	SERVICE	HOT LEAD	WTS.	WTS.	REMARKS
C	6" F.O.P.	46'	25	25	A22-046-07
D	6" F.O.P.	91'	25	25	A22-009-07
C	5" F.O.P.	44'	25	25	A22-044-07
D	2" CHL. WTR.	15'	25	25	A22-048-07
B	3/4" CHL. WTR.	17'	25	25	A22-017-07

**PIPE TRACE NOTES**

1. ALL COLD SECTION LENGTHS ARE TO BE CHECKED FROM FIELD CONDITIONS. COLD SECTION LENGTHS TO BE 7'-0".

2. ALL HOT SECTION LENGTHS TO BE CHECKED IN FIELD FROM PURCHASE OF MATERIALS. ADVISE SAG OF ANY DIFFERENCES.



**NOTE:**  
1- FOR SMOKE DETECTOR SYMBOL LIST SEE DWG. # E-6550

REVISIONS	
NO.	DESCRIPTION
12-21-78	GENERAL UPDATE

**A FISHER BROTHERS PROJECT**  
GREENWICH AND LIBERTY ST. N.Y. N.Y.

**SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS**  
475 PARK AVENUE SOUTH N.Y. N.Y. 10016

**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
919 THIRD AVENUE N.Y. N.Y. 10022

**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**  
515 MADISON AVENUE N.Y. N.Y. 10022

**J. ARON, BAUM & BOLLES MECH. ELEC. ENGINEERS**  
345 PARK AVENUE N.Y. N.Y. 10022

41ST FLOOR PLAN  
POWER  
(MECHANICAL FLOOR)

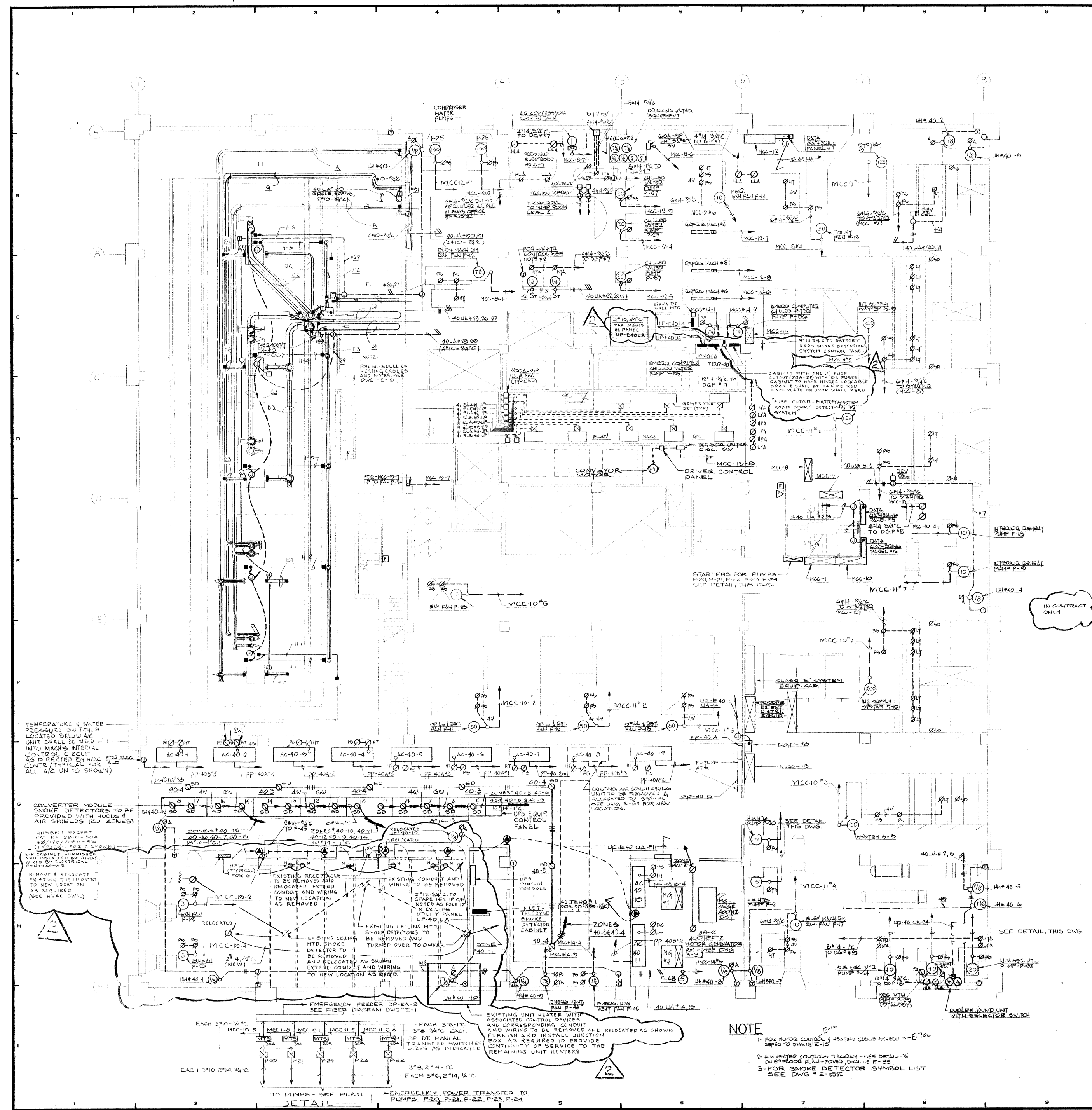
PROJECT NUMBER:  
**7101**

DRAWING NUMBER:  
**E-71**

DATE:  
1-7-72

SCALE:  
1" = 10'-0"





**BATTERY ROOM NOTES**

- EXISTING BATTERY RACKS ARE TO BE REMOVED AND RELOCATED AS SHOWN ON ARCHITECT'S DRAWINGS. ELECTRICAL CONTRACTOR SHALL DISCONNECT, REMOVE AND RELOCATE ALL CONDUIT AND WIRING ASSOCIATED WITH REMOVAL AND RELOCATION OF EXISTING BATTERY RACKS.
- ALL EXISTING SUPPORTING FRAMEWORK FOR BATTERIES IS PRESENTLY GROUNDED. ELECTRICAL CONTRACTOR SHALL OBTAIN AN APPROVED MANUAL ALL RELATED SUPPORTING FRAMEWORK AS REQUIRED.
- ELECTRICAL CONTRACTOR SHALL BEFORE HE SUBMITS HIS BID CONDUCT SURVEY AT THE SITE TO DETERMINE EXACT SCOPE OF WORK INVOLVED.

2

ISSUED FOR REVIEW 12-19-83

ADDITIONAL DETAIL TO BE ADDED

REVISIONS	REVISED AS PER SHREVE LAMB & HARMON ASSOCIATES DRAWING A-1 & A-2 RECEIVED 12-3-83
10-17-80	REMOVED A.C. UNIT AC-40-8

NO.	DATE	DESCRIPTION
-----	------	-------------

**BANKERS TRUST PLAZA**

**A FISHER BROTHERS PROJECT**

GREENWICH AND LIBERTY ST. N.Y. N.Y.

**SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS**

475 PARK AVENUE SOUTH N.Y. N.Y. 10016

**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**

919 THIRD AVENUE N.Y. N.Y. 10022

**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**

515 MADISON AVENUE N.Y. N.Y. 10022

**J. AROS, BAUM & BOLLE MECH. & ELEC. ENGINEERS**

345 PARK AVENUE N.Y. N.Y. 10022

**40TH FLOOR PLAN POWER (MECHANICAL FLOOR)**

PROJECT NUMBER	7101
DRAWING NUMBER	E-70
DATE	1-17-84
SCALE	1/8" = 1'-0"

TEMPERATURE & WATER PRESSURE SWITCHES LOCATED BELOW A/C UNIT SHALL BE WIRED INTO MACHS INTERNAL CONTROL CIRCUIT AS DIRECTED BY WAC CONTROL CIRCUIT (TYPICAL FOR ALL A/C UNITS SHOWN)

CONVERTER MODULE SMOKE DETECTORS TO BE PROVIDED WITH HOODS & AIR SHIELDS (20 ZONES)

HUBBELL RECEIPT #1 OF 2010-50A 20/120/200V-5W (TYPICAL FOR ALL A/C UNITS SHOWN)

REMOVE & RELOCATE EXISTING SMOKE DETECTOR TO NEW LOCATION AS REQUIRED (SEE WAC DWG.)

EXISTING RECEPTACLE TO BE REMOVED AND RELOCATED. EXTEND CONDUIT AND WIRING TO NEW LOCATION AS REMOVED.

EXISTING CONDUIT AND WIRING TO BE REMOVED AND RELOCATED TO NEW LOCATION AS SHOWN.

EXISTING CEILING MTD SMOKE DETECTOR TO BE REMOVED AND RELOCATED AS SHOWN. EXTEND CONDUIT AND WIRING TO NEW LOCATION AS REQ'D.

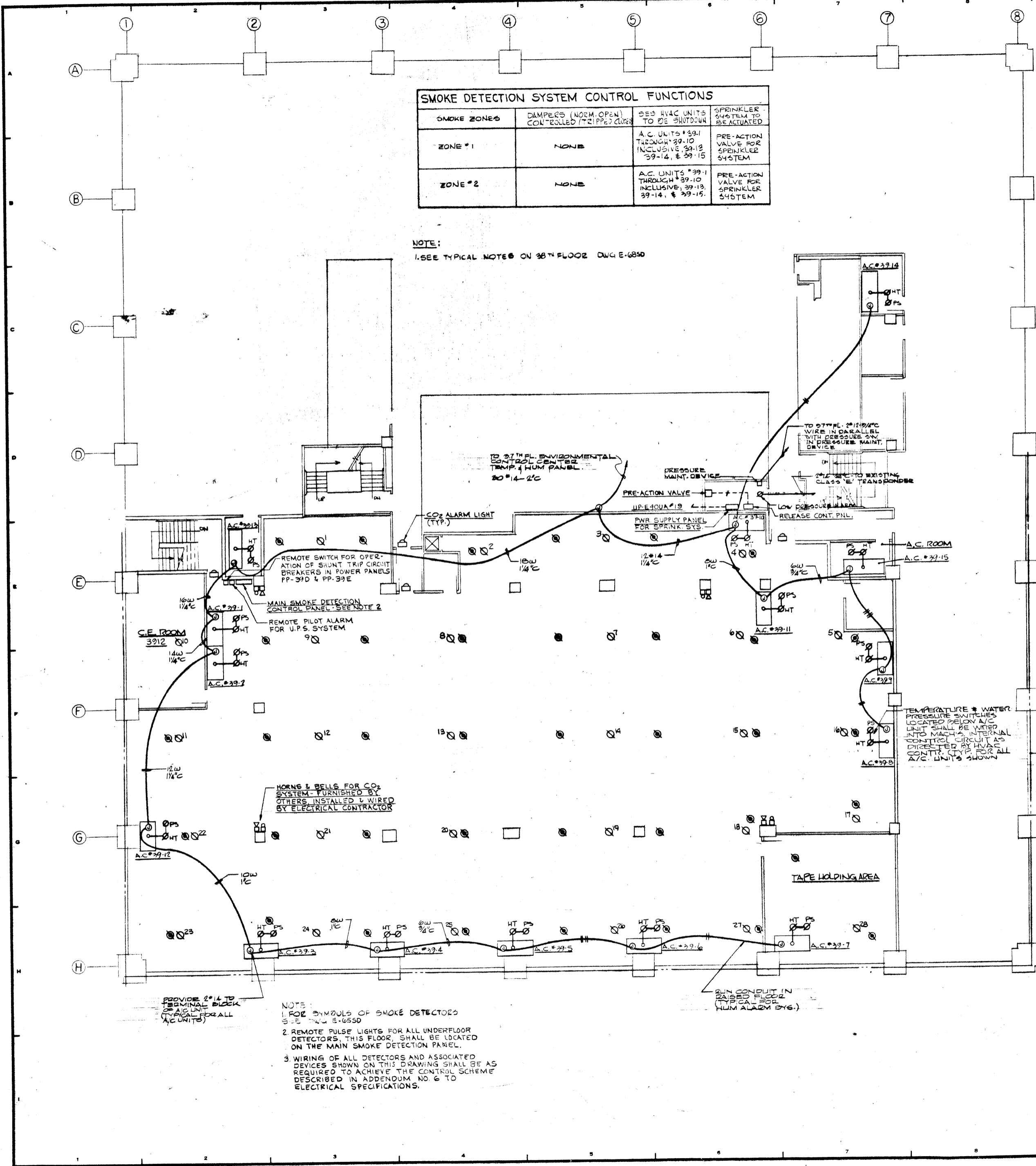
EMERGENCY FEEDER DP-EA-9 SEE RISER DIAGRAM DWG E-1

EXISTING UNIT HEATER WITH ASSOCIATED CONTROL DEVICES AND WIRING TO BE REMOVED AND RELOCATED AS SHOWN. FURNISH AND INSTALL JUNCTION BOX AS REQUIRED TO PROVIDE CONTINUITY OF SERVICE TO THE REMAINING UNIT HEATERS.

**NOTE**

- FOR MOTOR CONTROL & WIRING CABLES SCHEDULES-E-70 REFER TO DWG E-13
- 4" W/HEATER CONTROL DISCONNECT - SEE DETAIL - X ON 9TH FLOOR PLAN - POWER, DWG E-35
- FOR SMOKE DETECTOR SYMBOL LIST SEE DWG E-35

TO PUMPS - SEE PLANS  
 EMERGENCY POWER TRANSFER TO PUMPS P-20, P-21, P-22, P-23, P-24



SMOKE DETECTION SYSTEM CONTROL FUNCTIONS			
SMOKE ZONES	DAMPERS (NOZM. OPEN) CONTROLLED (721P2) (2008)	SES HVAC UNITS TO BE SHUTDOWN	SPRINKLER SYSTEM TO BE ACTIVATED
ZONE #1	NONE	A.C. UNITS #39-1 THROUGH #39-10 INCLUSIVE, #39-12, #39-14, & #39-15	PRE-ACTION VALVE FOR SPRINKLER SYSTEM
ZONE #2	NONE	A.C. UNITS #39-1 THROUGH #39-10 INCLUSIVE, #39-12, #39-14, & #39-15	PRE-ACTION VALVE FOR SPRINKLER SYSTEM

NOTE:  
1. SEE TYPICAL NOTE # ON 38TH FLOOR DWG E-6850

NOTE:  
1. THE ENCLOSED RAISED FLOOR AREA SHALL BE EQUIPPED WITH A 24 PERCENT REBAR GROUND GRID AS SHOWN IN SCHEMATIC ON DWG. E-6590

NOTE:  
1. FOR SHROULDS OF SMOKE DETECTORS SEE DWG E-6550  
2. REMOTE PULSE LIGHTS FOR ALL UNDERFLOOR DETECTORS, THIS FLOOR, SHALL BE LOCATED ON THE MAIN SMOKE DETECTION PANEL.  
3. WIRING OF ALL DETECTORS AND ASSOCIATED DEVICES SHOWN ON THIS DRAWING SHALL BE AS REQUIRED TO ACHIEVE THE CONTROL SCHEME DESCRIBED IN ADDENDUM NO. 6 TO ELECTRICAL SPECIFICATIONS.

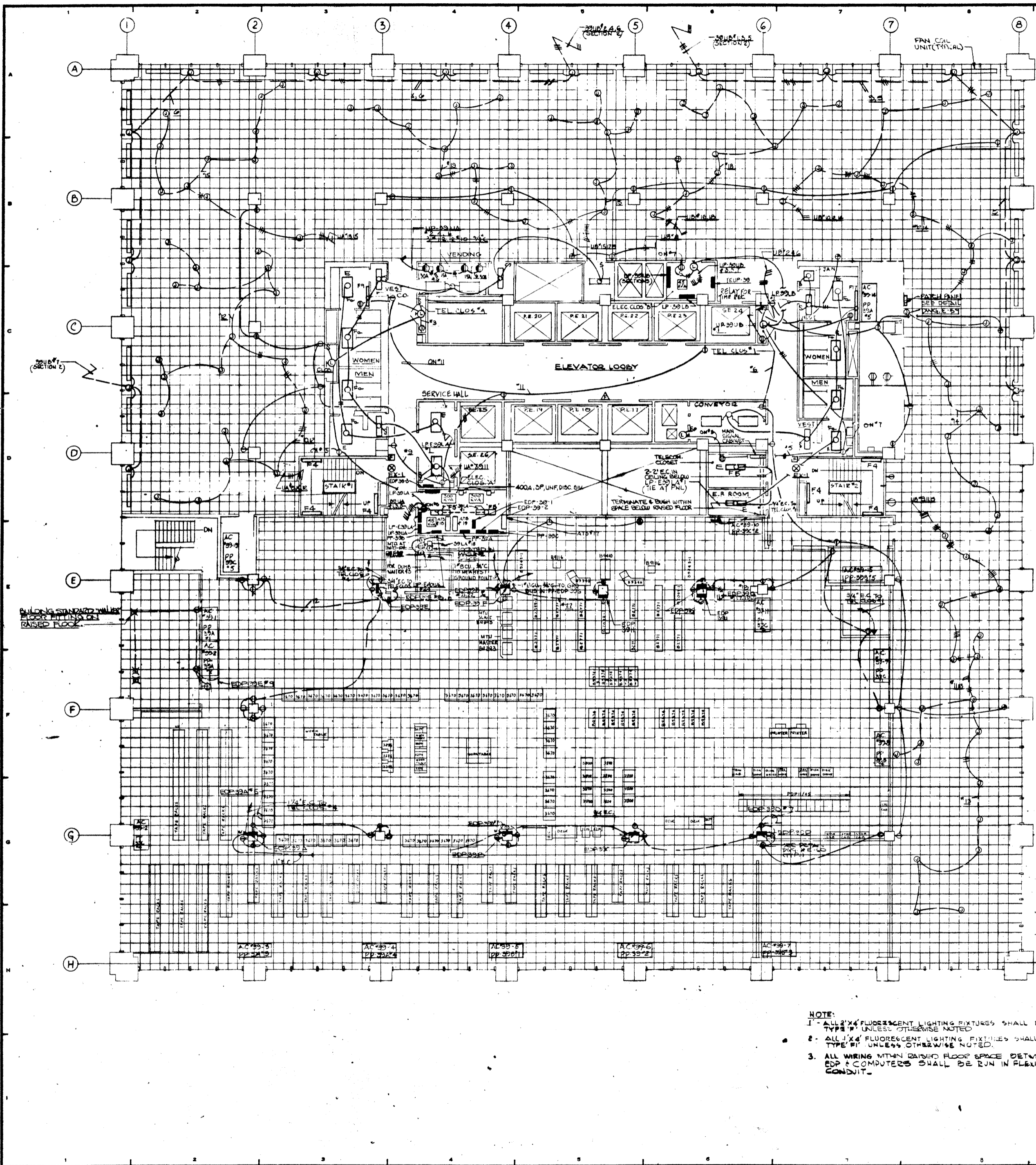
REVISIONS		
NO.	DATE	DESCRIPTION

**A FISHER BROTHERS PROJECT**  
GREENWICH AND LIBERTY ST. N.Y. N.Y.  
**SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS**  
475 PARK AVENUE SOUTH N.Y. N.Y. 10016  
**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
919 THIRD AVENUE N.Y. N.Y. 10022  
**THE OFFICE OF JAMES BUDERMAN STRUCTURAL ENGINEERS**  
315 MADISON AVENUE N.Y. N.Y. 10022  
**JAROS, BAUM & BOLLE S. MICHAEL ENGINEERS**  
345 PARK AVENUE N.Y. N.Y. 10022

**39TH FLOOR PLAN COMPUTER SMOKE DETECTION SYSTEM**  
PROJECT NUMBER  
**7101**  
DRAWING NUMBER  
**E-69SD**  
DATE  
SCALE







NOTE:  
 1. ALL 2'x4' FLUORESCENT LIGHTING FIXTURES SHALL BE TYPE 'P' UNLESS OTHERWISE NOTED.  
 2. ALL 1'x4' FLUORESCENT LIGHTING FIXTURES SHALL BE TYPE 'P' UNLESS OTHERWISE NOTED.  
 3. ALL WIRING WITHIN RAISED FLOOR SPACE BETWEEN EDP & COMPUTERS SHALL BE RUN IN FLEXIBLE CONDUIT.

REVISIONS			
NO.	DATE	DESCRIPTION	
ISSUED TO	NO.	DATE	PAGE NO.

**A FISHER BROTHERS PROJECT**

GREENWICH AND LIBERTY ST. N.Y. N.Y.

SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS  
 475 PARK AVENUE SOUTH N.Y. N.Y. 10016

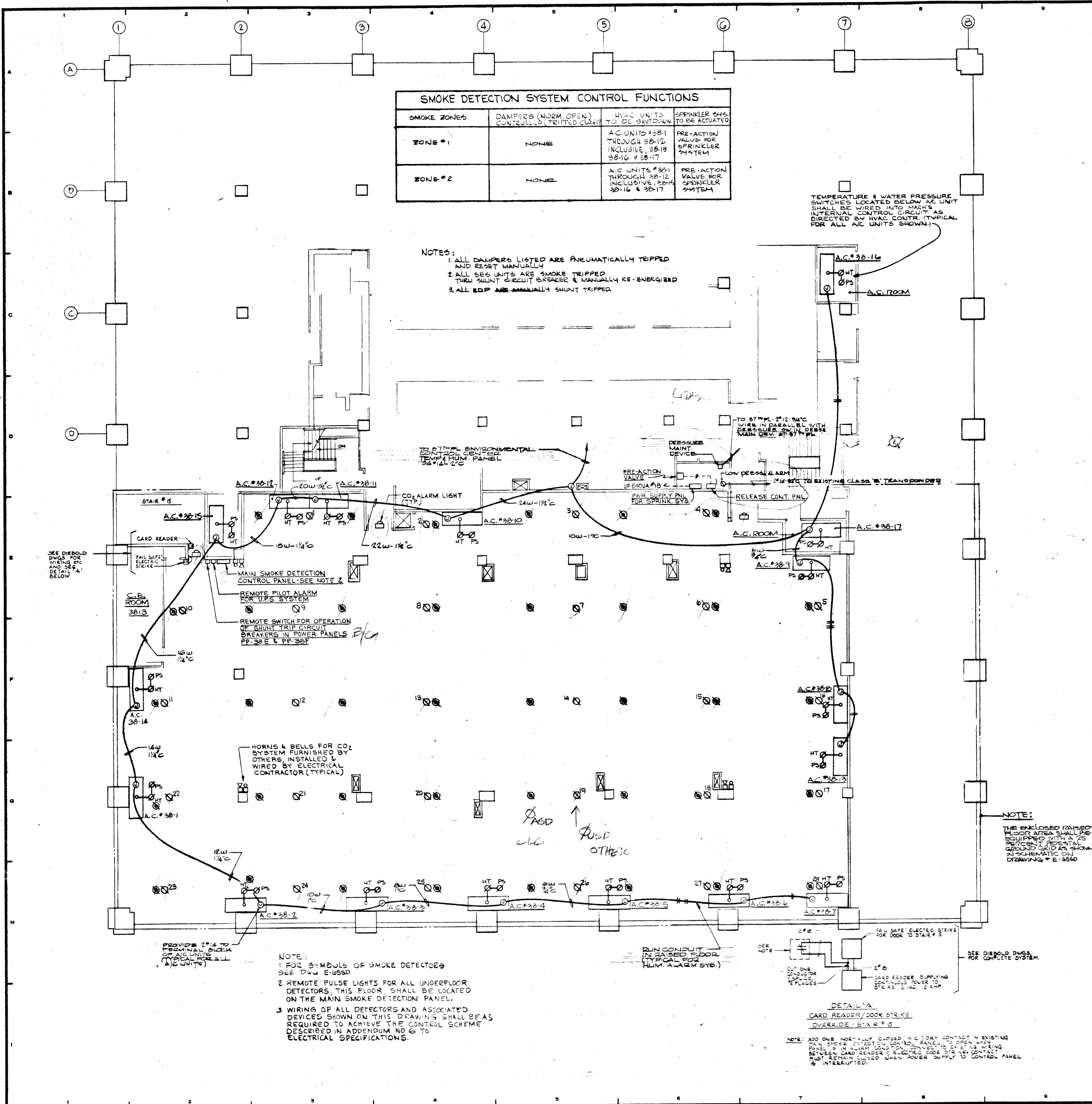
PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS  
 919 THIRD AVENUE N.Y. N.Y. 10022

THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS  
 385 MADISON AVENUE N.Y. N.Y. 10022

JACOB S. BAUM & BOLLES MECH. & ELEC. ENGINEERS  
 345 PARK AVENUE N.Y. N.Y. 10022

39 <sup>TH</sup> FLOOR PLAN	
POWER	
PROJECT NUMBER	7101
DRAWING NUMBER	E-69
DATE	1-7-70
SCALE	

18



SMOKE DETECTION SYSTEM CONTROL FUNCTIONS			
SMOKE ZONES	DAMPERS (NORM. OPEN) CONTROLLED (TRIPPED CLOSED)	HVAC UNITS TO BE SHUT DOWN	SPRINKLER VALVE TO BE ACTUATED
ZONE #1	NONE	A.C. UNITS #38-1 THROUGH #38-12 INCLUSIVE, 38-15, 38-16 & 38-17	PRE-ACTION VALVE FOR SPRINKLER SYSTEM
ZONE #2	NONE	A.C. UNITS #30-1 THROUGH 38-12 INCLUSIVE, 38-15, 38-16 & 38-17	PRE-ACTION VALVE FOR SPRINKLER SYSTEM

- NOTES:
1. ALL DAMPERS LISTED ARE PNEUMATICALLY TRIPPED AND RESET MANUALLY.
  2. ALL HVAC UNITS ARE SMOKE TRIPPED THROUGH SHUNT CIRCUIT BREAKER & MANUALLY RE-ENERGIZED.
  3. ALL EDP ARE MANUALLY SHUNT TRIPPED.

TEMPERATURE & WATER PRESSURE SWITCHES LOCATED BELOW AC UNIT SHALL BE WIRED INTO EACH'S INTERNAL CONTROL CIRCUIT AS DIRECTED BY HVAC CONTR. (TYPICAL FOR ALL AC UNITS SHOWN).

SEE DIEBOLD DWG. FOR WIRING OF FAIL SAFE ELECTRIC STRIKE AND SEE DETAIL 'A' BELOW.

CARD READER ROOM 3813

MAIN SMOKE DETECTION CONTROL PANEL - SEE NOTE 2

REMOTE PILOT ALARM FOR U.P.S. SYSTEM

REMOTE SWITCH FOR OPERATION OF SHUNT TRIP CIRCUIT BREAKERS IN POWER PANELS PP-38 E & PP-38 F

HORN & BELLS FOR CO2 SYSTEM FURNISHED BY OTHERS, INSTALLED & WIRED BY ELECTRICAL CONTRACTOR (TYPICAL)

PROVIDE 2" x 4" TO TERMINAL BLOCK OF ALL AC UNITS (TYPICAL FOR ALL AC UNITS)

- NOTE:
1. FOR SYMBOLS OF SMOKE DETECTORS SEE DWG. E-68SD
  2. REMOTE PULSE LIGHTS FOR ALL UNDERFLOOR DETECTORS, THIS FLOOR SHALL BE LOCATED ON THE MAIN SMOKE DETECTION PANEL.
  3. WIRING OF ALL DETECTORS AND ASSOCIATED DEVICES SHOWN ON THIS DRAWING SHALL BE AS REQUIRED TO ACHIEVE THE CONTROL SCHEME DESCRIBED IN ADDENDUM NO. 6 TO ELECTRICAL SPECIFICATIONS.

RUN CONDUIT IN RAISED FLOOR (TYPICAL FOR ALL SMOKE DETECTORS)

DETAIL 'A' CARD READER/DOOR STRIKE OVERRIDE - STAIR # 5

NOTE: ADD ONE NORMALLY CLOSED (N.C.) DRY CONTACT IN EXISTING MAIN SMOKE DETECTION CONTROL PANEL TO OPEN WHEN PANEL IS IN ALARM CONDITION. CONNECT THIS CONTACT BETWEEN CARD READER'S ELECTRIC DOOR STRIKE CONTACT. THIS CONTACT MUST REMAIN CLOSED WHEN POWER SUPPLY TO CONTROL PANEL IS INTERRUPTED.

NOTE: THE ENCLOSED RAISED FLOOR AREA SHALL BE EQUIPPED WITH A 15 PERCENT RESISTAL GROUND GRID AS SHOWN IN SCHEMATIC ON DRAWING E-68SD

NO.	DATE	DESCRIPTION
12-21-75		GENERAL UPDATE

BANKERS TRUST PLAZA

A FISHER BROTHERS PROJECT

GREENWICH AND LIBERTY ST. N.Y. N.Y.

SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS

475 PARK AVENUE SOUTH N.Y. N.Y. 10016

PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS

919 THIRD AVENUE N.Y. N.Y. 10022

THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS

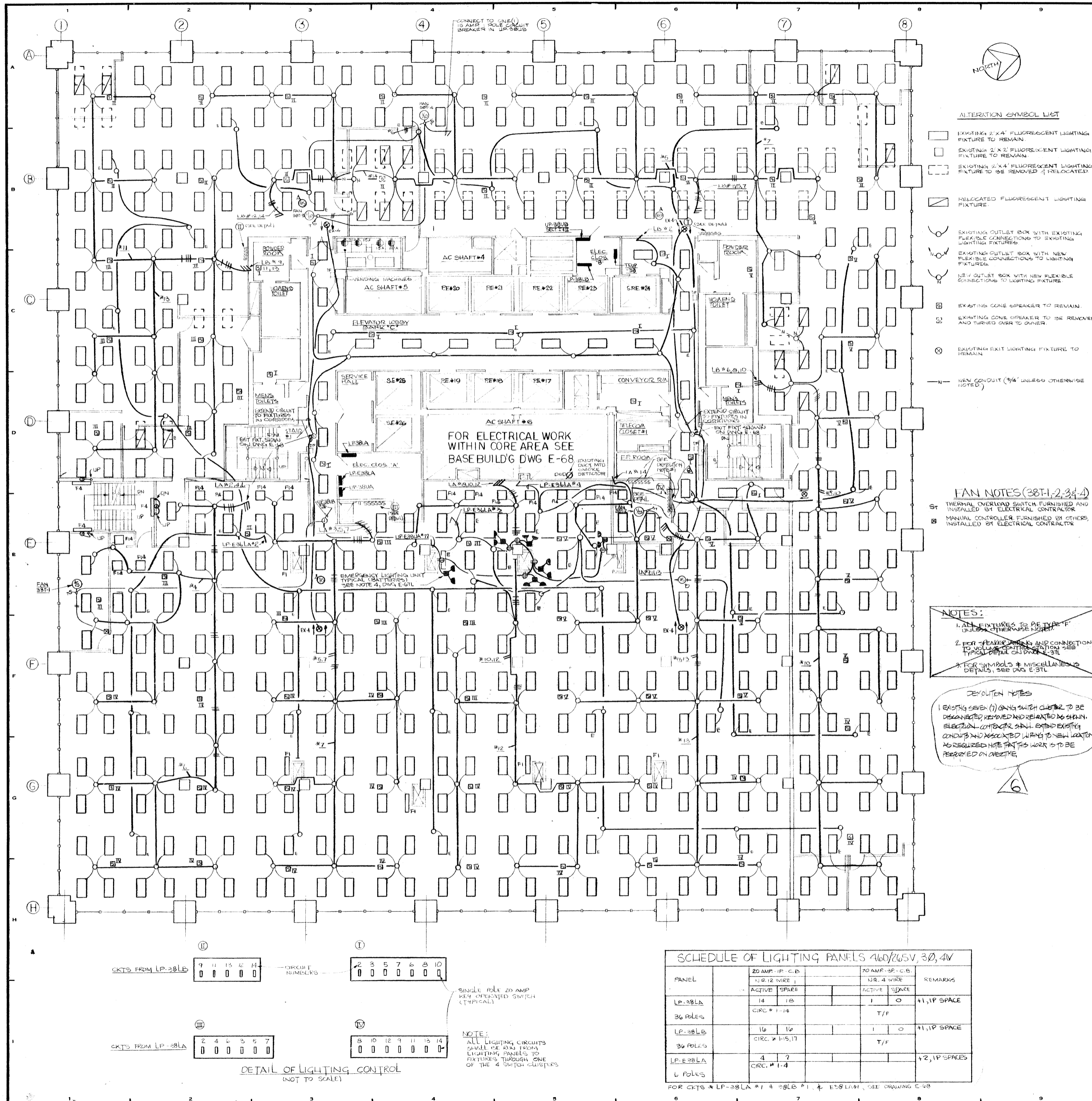
515 MADISON AVENUE N.Y. N.Y. 10022

JAROS, BAUM & BOLLES MECH. & ELEC. ENGINEERS

345 PARK AVENUE N.Y. N.Y. 10022

38<sup>TH</sup> FLOOR PLAN  
COMPUTER SMOKE  
DETECTION SYSTEM

PROJECT NUMBER	7101
DRAWING NUMBER	E-68SD
DATE	3-3-72
SCALE	1/8" = 1'-0"



REVISIONS		
NO.	DATE	DESCRIPTION
1	10-17-73	ADDED SPEAKERS, EXIT SIGNS & BATTERY UNIT - EMERGENCY TYPING SEPARATE LIGHTING
2	11-30-73	HOISTS/STAIRS REVISED
3	3-20-80	ADDED FANS 38B1, 38B2 WITH ASSOCIATED NOTES AND BRANCH CIRCUIT WIRING
4	7-17-80	REVISED PER SHREVE, LAMBA HARMON ASSOCIATES, LAMB DATED 7-17-80, ADDED FANS 38T, 38T-1
5	10-10-80	REVISED AS PER SHREVE, LAMBA HARMON ASSOCIATES, DRAWING A-2, REVISION 1, DATED 10-10-80
6	10-14-80	RELEASED SWITCH CLUSTER IV PER 3M BILLS OF MATERIALS COMPANY

- ALTERATION SYMBOL LIST**
- EXISTING 2' X 4' FLUORESCENT LIGHTING FIXTURE TO REMAIN
  - EXISTING 2' X 4' FLUORESCENT LIGHTING FIXTURE TO REMAIN
  - EXISTING 2' X 4' FLUORESCENT LIGHTING FIXTURE TO BE REMOVED & RELOCATED
  - RELOCATED FLUORESCENT LIGHTING FIXTURE
  - EXISTING OUTLET BOX WITH EXISTING FLEXIBLE CONNECTIONS TO EXISTING LIGHTING FIXTURES
  - EXISTING OUTLET BOX WITH NEW FLEXIBLE CONNECTIONS TO LIGHTING FIXTURES
  - NEW OUTLET BOX WITH NEW FLEXIBLE CONNECTIONS TO LIGHTING FIXTURES
  - EXISTING CONE SPEAKER TO REMAIN
  - EXISTING CONE SPEAKER TO BE REMOVED AND TURNED OVER TO OWNER
  - EXISTING EXIT LIGHTING FIXTURE TO REMAIN
  - NEW CONDUIT (3/4" UNLESS OTHERWISE NOTED)

- FAN NOTES (38T-1, 2, 3, 4)**
- ST THERMAL OVERLOAD SWITCH FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR
  - SM MANUAL CONTROLLER FURNISHED BY OTHERS INSTALLED BY ELECTRICAL CONTRACTOR

- NOTES:**
1. ALL FIXTURES TO BE TYPE "F" UNLESS OTHERWISE NOTED
  2. FOR FEATHER WIRING AND CONNECTIONS TO WALLS/CEILING/STAIRS SEE TYPICAL DETAIL ON DWG E-31L
  3. FOR SYMBOLS & MISCELLANEOUS DETAILS, SEE DWG E-31L

- REVISION NOTES**
- EXISTING SEVER (1) ONLY SWITCH CLUSTER TO BE DISCONNECTED, REMOVED AND RELOCATED AS SHOWN. ELECTRICAL CONTRACTOR SHALL EXTEND EXISTING CONDUITS AND ASSOCIATED WIRING TO NEW LOCATION AS REQUIRED. NOTE PARTS WORK IS TO BE PERFORMED ON OVERTIME.

REV.	DATE	PKG. NO.
F/W	6	12-12-73
F/W	35F	10-18-73
REV.	A	10-17-73
FISHER BROS.	2011	10-16-72

**BANKERS TRUST PLAZA**

**A FISHER BROTHERS PROJECT**

GREENWICH AND LIBERTY ST. N.Y. N.Y.

SHREVE, LAMBA HARMON ASSOCIATES P.C. ARCHITECTS  
475 PARK AVENUE SOUTH N.Y. N.Y. 10016

PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS  
919 THIRD AVENUE N.Y. N.Y. 10022

THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS  
315 MADISON AVENUE N.Y. N.Y. 10022

J. A. ROS. BAUM & BOLLER MECH. & ELEC. ENGINEERS  
345 PARK AVENUE N.Y. N.Y. 10022

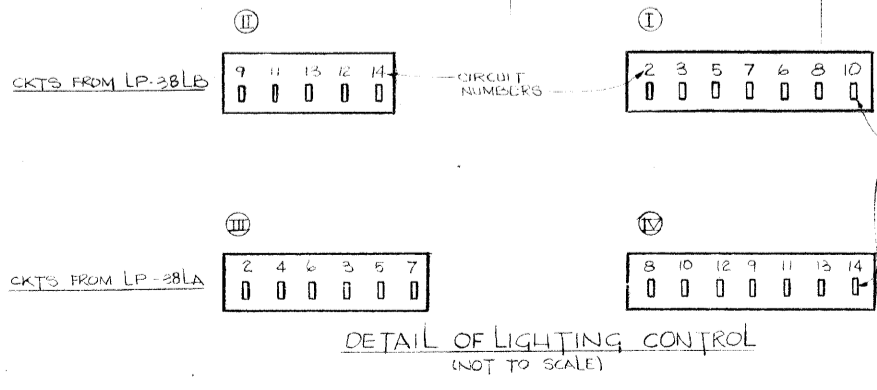
**38TH FLOOR PLAN LIGHTING**

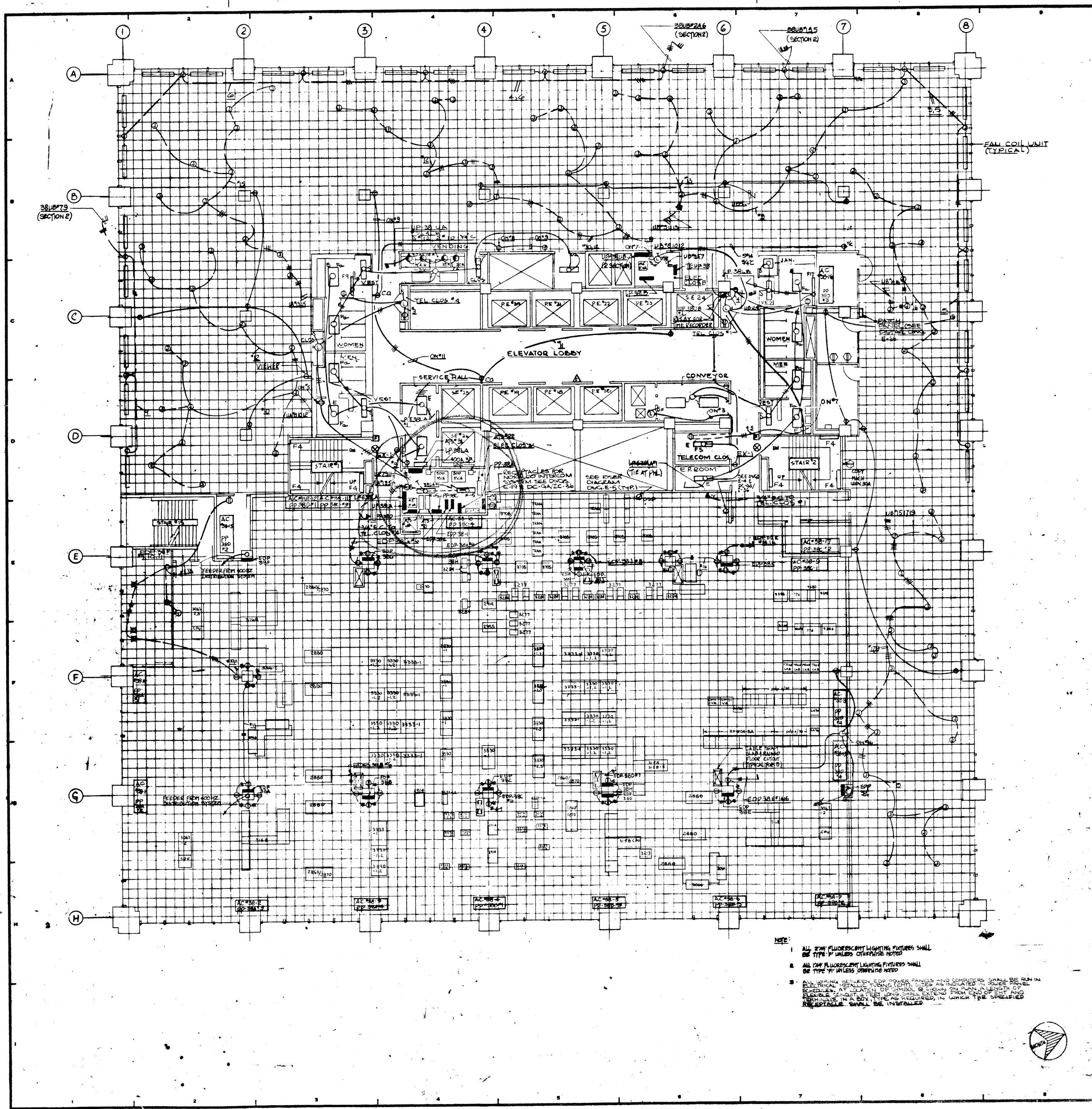
PROJECT NUMBER	7101
DRAWING NUMBER	E-68L
DATE	10-16-72
SCALE	3/8" = 1'-0"

**SCHEDULE OF LIGHTING PANELS 160/265V, 3Ø, 4W**

PANEL	20 AMP - 1P - C.B.		20 AMP - 2P - C.B.		REMARKS
	ACTIVE	SPARE	ACTIVE	SPARE	
LP-38LA	14	16	1	0	11, 1P SPACE
36 Poles	CIRC. # 1-14		T/F		
LP-38LB	16	16	1	0	11, 1P SPACE
34 Poles	CIRC. # 1-17		T/F		
LP-E-28LA	4	2			12, 1P SPACES
6 Poles	CIRC. # 1-4				

FOR CRTS. LP-38LA #1 & 28LB #1, & E-28LA, SEE DRAWING E-68





15  
12.2  
90  
15  
510

REVISIONS			
NO.	DATE	DESCRIPTION	PKG. NO.

**A FISHER BROTHERS PROJECT**  
 GREENWICH AND LIBERTY ST. N.Y. N.Y.

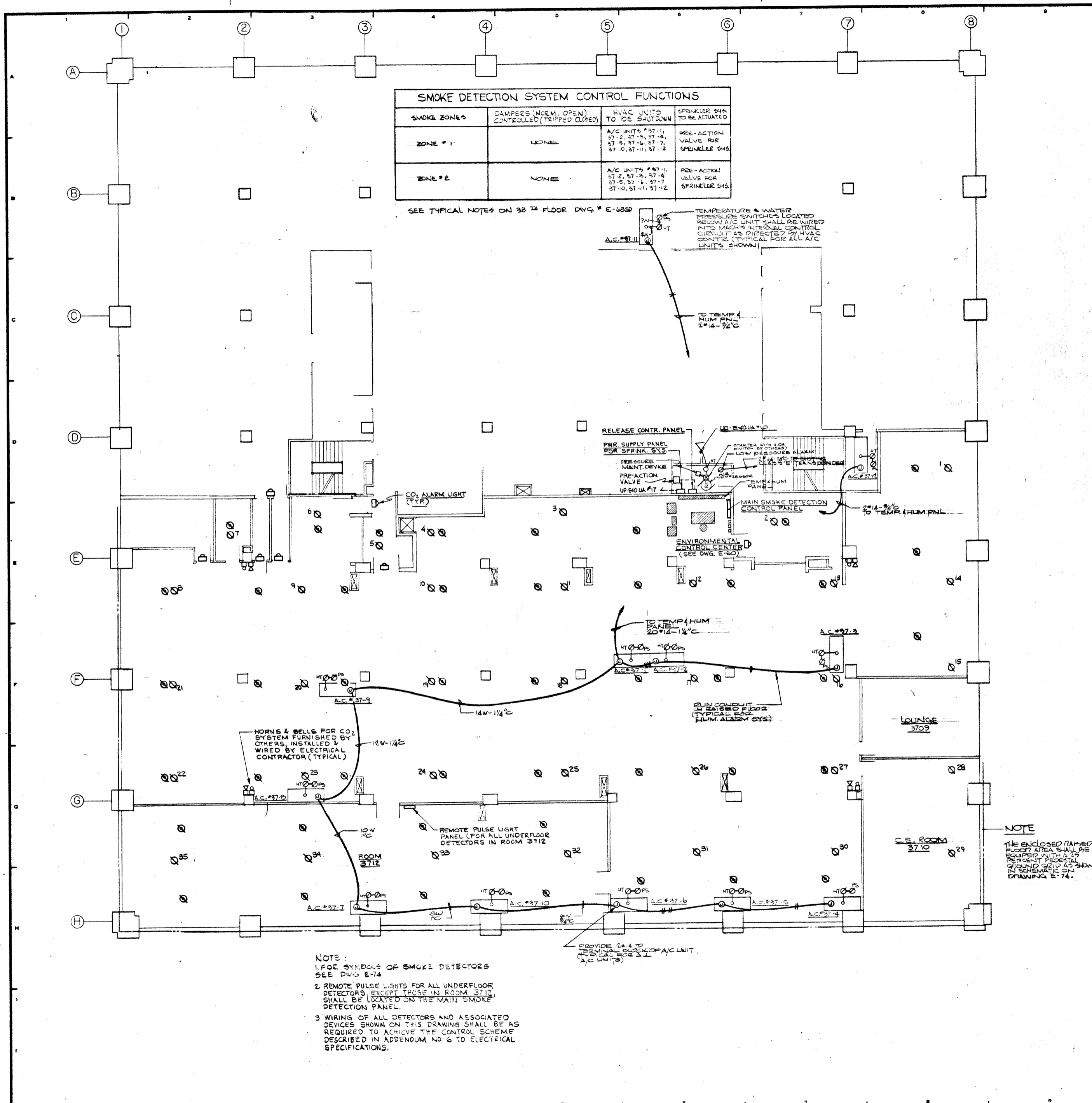
**SHREVE, LAMB & HARRISON ASSOCIATES P.C. ARCHITECTS**  
 475 PARK AVENUE, SOUTH N.Y. N.Y. 10016

**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
 475 PARK AVENUE, N.Y. N.Y. 10022

**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**  
 MADISON AVENUE, N.Y. N.Y. 10022

**JAROS, BAUM & BOLLES MECHANICAL ENGINEERS**  
 345 PARK AVENUE, N.Y. N.Y. 10022

38 <sup>TH</sup> FLOOR PLAN POWER	
PROJECT NUMBER	7101
DRAWING NUMBER	E-68
DATE	
SCALE	



SMOKE DETECTION SYSTEM CONTROL FUNCTIONS			
SMOKE ZONES	DAMPERS (NORM. OPEN) CONTROLLED (TRIPPED CLOSED)	HVAC UNITS TO BE SHUT DOWN	SPRINKLER SHA TO BE ACTUATED
ZONE # 1	NONE	A/C UNITS # 37-1, 37-2, 37-3, 37-4, 37-5, 37-6, 37-7, 37-8, 37-11, 37-12	PRE-ACTION VALVE FOR SPRINKLER 545
ZONE # 2	NONE	A/C UNITS # 37-1, 37-2, 37-3, 37-4, 37-5, 37-6, 37-7, 37-8, 37-11, 37-12	PRE-ACTION VALVE FOR SPRINKLER 545

SEE TYPICAL NOTES ON 38<sup>TH</sup> FLOOR DWG. # E-6850

TEMPERATURE & WATER PRESSURE SWITCHES LOCATED BELOW A/C UNIT SHALL BE WIRED INTO MAIN'S INTERNAL CONTROL CIRCUIT AS DIRECTED BY HVAC CONT'G. (TYPICAL FOR ALL A/C UNITS SHOWN)

TEMP. HUM. 20°-24° C

RELEASE CONTR. PANEL  
 PWR. SUPPLY PANEL FOR SPRINK. SYS.  
 PRESS. MAINT. DEVICE  
 PRE-ACTION VALVE UP/DOUA #1 L

STARTER WITH 20A SWITCH (20 AMP) LOW PRESSURE ALARM  
 20A 250V 1PH 3W  
 TEMPER. HUM. 20°-24° C

TEMP. HUM. 20°-24° C  
 20A 250V 1PH 3W  
 PWR. SUPPLY PANEL FOR SPRINK. SYS.

HORN & BELLS FOR CO<sub>2</sub> SYSTEM FURNISHED BY OTHERS, INSTALLED & WIRED BY ELECTRICAL CONTRACTOR (TYPICAL)

REMOTE PULSE LIGHT PANEL (FOR ALL UNDERFLOOR DETECTORS IN ROOM 3712)

NOTE:  
 1. FOR SYMBOLS OF SMOKE DETECTORS SEE DWG. E-74  
 2. REMOTE PULSE LIGHTS FOR ALL UNDERFLOOR DETECTORS, EXCEPT THOSE IN ROOM 3712, SHALL BE LOCATED ON THE MAIN SMOKE DETECTION PANEL.  
 3. WIRING OF ALL DETECTORS AND ASSOCIATED DEVICES SHOWN ON THIS DRAWING SHALL BE AS REQUIRED TO ACHIEVE THE CONTROL SCHEME DESCRIBED IN ADDENDUM NO. 6 TO ELECTRICAL SPECIFICATIONS.

NOTE  
 THE ENCLOSED RAISED FLOOR AREA SHALL BE EQUIPPED WITH A 25 PERCENT FIRE-RATED GROUND GRID AS SHOWN IN SCHEMATIC ON DRAWING E-74.

12-21-76		GENERAL UPDATE	
REVISIONS			
NO.	DATE	DESCRIPTION	
ISSUED TO	NO.	DATE	PKG. NO.

**A FISHER BROTHERS PROJECT**  
 GREENWICH AND LIBERTY ST. N.Y. N.Y.

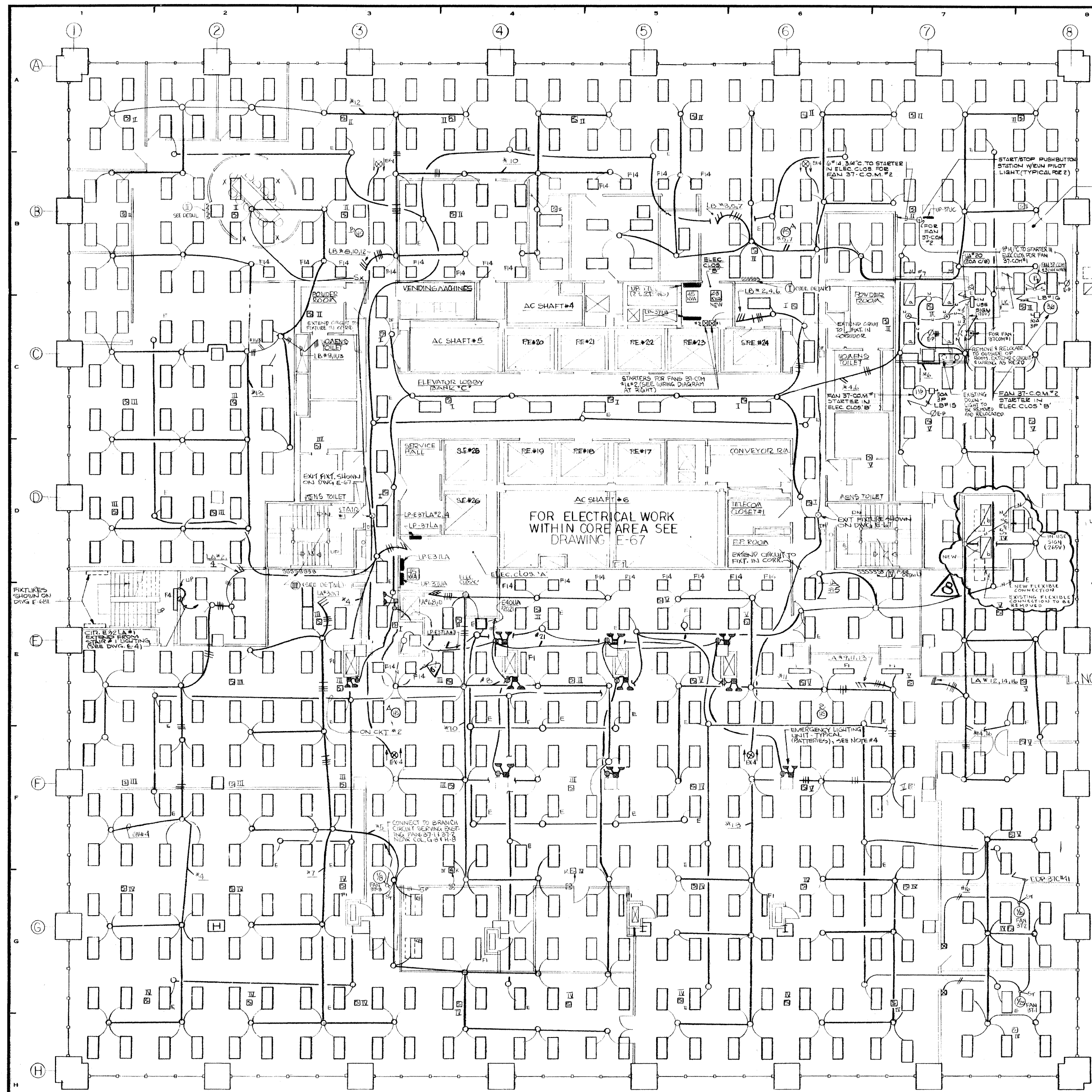
**SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS**  
 475 PARK AVENUE SOUTH N.Y. N.Y. 10016

**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
 919 THIRD AVENUE N.Y. N.Y. 10022

**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**  
 515 MADISON AVENUE N.Y. N.Y. 10022

**JAROS, BAUM & BOLLES MECH. & ELEC. ENGINEERS**  
 345 PARK AVENUE N.Y. N.Y. 10022

37 <sup>TH</sup> FLOOR PLAN COMPUTER SMOKE DETECTION SYSTEM	
PROJECT NUMBER	7101
DRAWING NUMBER	E-67SD
DATE	3-5-72
SCALE	1/8" = 1'-0"



**FAN NOTES (#37-COM#3)**

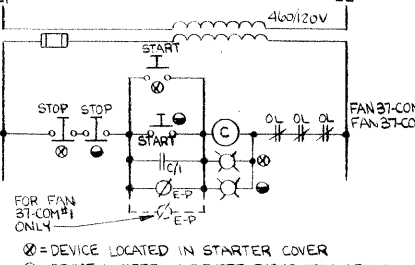
ST THERMAL OVERLOAD SWITCH FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR.

ON-OFF SWITCH WITH PILOT LIGHT FURNISHED BY OTHERS, INSTALLED BY ELECTRICAL CONTRACTOR.

CONNECT 2#12 SWG TO NEW 20A-2P C/B IN EXISTING UTILITY PANEL UPSTAIR IN PLACE OF EXISTING 20A-1P C/B. NEW 2#12 SWG TO E.P. SWITCH FOR FAN ST-COM#2.

PROVIDE ALTERNATE PRICE FOR LIGHTING IN C.O.M. FACILITY TO BE CIRCLED FROM LP-37LA.

- ALTERATION SYMBOL LIST**
- EXISTING 1" x 4" FLUORESCENT LIGHT FIXTURE TO BE REMOVED AND TURNED OVER TO FANMER.
  - EXISTING 2" x 4" FLUORESCENT LIGHT FIXTURE TO REMAIN.
  - EXISTING 1" x 4" FLUORESCENT LIGHT TO BE REMOVED AND RELOCATED.
  - RELOCATED FLUORESCENT LIGHT FIXTURE.
  - NEW FLUORESCENT LIGHT FIXTURES (FURNISHED BY OWNER, INSTALLED BY ELECTRICAL CONTRACTOR).
  - NEW REDESIGNED INCANDESCENT LIGHT FIXTURE, LIGHT TUBER 1" DIA. WITH MATTE WHITE TRIM, LAMP TO BE FURNISHED BY OTHERS.
  - NEW OUTLET BOX WITH NEW FLEXIBLE CONNECTION TO LIGHT FIXTURES.
  - NEW CONDUIT WITH NUMBER OF WIRES SHOWN. (CONDUIT WITH #12 WIRE UNLESS OTHERWISE NOTED).
  - EXISTING CONE SPEAKER TO REMAIN.
  - EXISTING CONE SPEAKER TO BE REMOVED AND/OR RELOCATED.
  - RELOCATED CONE SPEAKER, EXTEND CONDUIT AND WIRING TO NEW LOCATION AS REQUIRED.
  - NEW 20A, 20, 277V AC SWITCH, ARROW-HART CAT # 991, OR EQUAL, SUBSCRIPT INDICATED LIGHT NUMBER TO BE CONTROLLED.
  - ENT TYPE FIXTURE, MCM/UL98W 2" LINE IN USE (VOLTAGE AS NOTED).



**FAN WIRING DIAGRAMS**

NOTES: 1. REMOTE DISTRIBUTION STATIONS AND STARTERS SHALL BE FURNISHED BY OTHERS AND INSTALLED BY THE ELECTRICAL CONTRACTOR.

2. E-P SWITCHES SHALL BE FURNISHED AND INSTALLED BY OTHERS AND WIRED BY THE ELECTRICAL CONTRACTOR.

**NOTES:**

- ALL FIXTURES TO BE TYPE "F" UNLESS OTHERWISE NOTED.
- FOR SPEAKER WIRING AND CONNECTIONS TO VOLUME CONTROL STATION, SEE TYPICAL DETAIL ON DRAWING E-31L.
- FOR SYMBOLS & MISCELLANEOUS DETAILS, SEE DRAWING E-31L.
- EMERGENCY LIGHTING UNITS SHALL BE LISTED BY ELECTRONICS CORP. CAT. NO. 1200. UNITS SHALL HAVE CELL, SEaled NICKEL CADMIUM BATTERIES IN PLASTIC CASES. RATING OF UNIT SHALL BE 110 WATT. UNITS SHALL BE COMPLETE WITH AUTOMATIC TESTER AND ALL ACCESSORIES INCLUDING TWO (2) ATTACHED LIGHTING HEADS (HORIZONTAL AND VERTICAL). ADDITIONAL EACH CONTAINING A 25 WATT 2 1/2" BEAM LAMP. UNITS SHALL HAVE 2" WIRE CONNECTION TO ADJACENT RECEPTACLE UNITS SHALL BE MOUNTED ON PARALLEL UNITS ON 35" & 30" (3" BUCKETS).

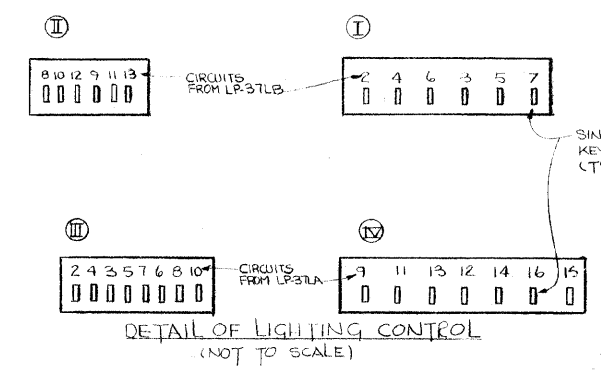
**FAN NOTES (37-243)**

ST THERMAL OVERLOAD SWITCH FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR.

MANUAL CONTROLLER, FURNISHED BY OTHERS, INSTALLED BY ELECTRICAL CONTRACTOR.

REVISIONS		
NO.	DATE	DESCRIPTION
1	10-15-73	ADDED SPEAKERS, EXIT SIGNS & BATTERY UNIT, OPERATED BY OTHERS.
2	11-30-73	REVISED AND ADDED LIGHTING, ADDED FANS ST-COM#2.
3	5-4-79	ADDED SYMBOL LIST AND ASSOCIATED WIRING & NOTES.
4	5-7-80	ADDED FAN ST-COM#3 WITH ASSOCIATED WIRING & NOTES.
5	8-20-80	ADDED FANS ST-1412 WITH ASSOCIATED WIRING & NOTES.
6	7-7-80	REVISED AS PER SHREVE, LAMB & HARMON ASSOCIATES, DRAWING A-2, DATED 7-3-80.
7	10-21-80	REVISED AS PER SHREVE, LAMB & HARMON ASSOCIATES, DRAWING A-2, DATED 7-3-80.
8	12-19-80	ADDED DARK ROOM FOR C.O.M. FACILITY AS PER SHREVE, LAMB & HARMON ASSOCIATES, DRAWING A-1, DATED 12-8-80. ALSO REFER TO ALTERATION SYMBOL LIST.

ISSUED TO	NO.	DATE	PKG. NO.
<b>BANKERS TRUST PLAZA</b>			
<b>A FISHER BROTHERS PROJECT</b>			
GREENWICH AND LIBERTY ST. N. Y. N. Y.			
<b>SHREVE, LAMB &amp; HARMON ASSOCIATES P.C. ARCHITECTS</b>			
475 PARK AVENUE SOUTH N. Y. N. Y. 10016			
<b>PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS</b>			
919 THIRD AVENUE N. Y. N. Y. 10022			
<b>THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS</b>			
515 MADISON AVENUE N. Y. N. Y. 10022			
<b>JAROS, BAUM &amp; BOLLES MECHANICAL ENGINEERS</b>			
345 PARK AVENUE N. Y. N. Y. 10022			



**SCHEDULE OF LIGHTING PANELS 400/245/4 39A2**

PANEL	20AMP-1P-CB		10AMP-2P-CB		REMARKS
	NR. 12 WIRE	ACTIVE SPARE	NR. 4 WIRE	ACTIVE SPARE	
LP-37LA	17	15			+1, 1P SPACE
36 POLES	CIRC. # 1-18		T/F		
LP-37Lb	4	19	2	0	+1, 1P SPACE
36 POLES	CIRC. # 1-14		EXISTING T/F NEW 45KVA T/F		+2 NEW 15A 3P C/B (#15, 14)
LP-37Lc	4	2			+2, 1P SPACES
8 POLES	CIRC. # 1-4				

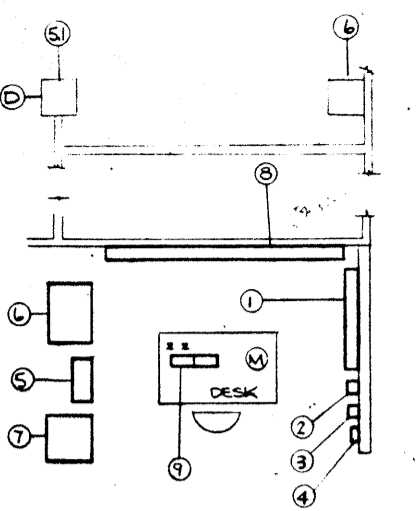
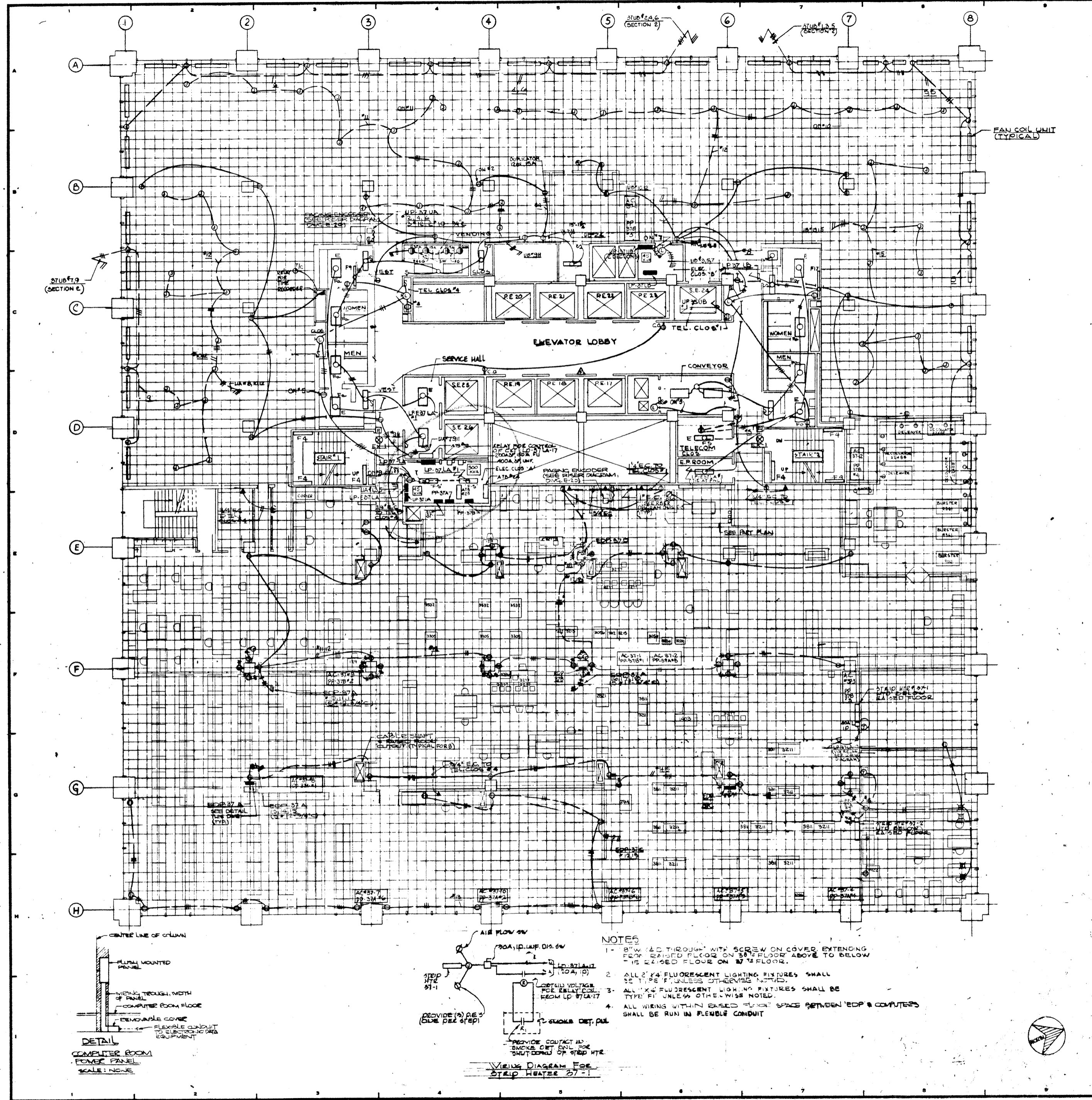
FOR CKTS: LP-37LA #1 & 37Lb #1 & LP-37Lc #1 SEE BASE BUILDING DWG. E-61

37TH FLOOR PLAN  
LIGHTING

PROJECT NUMBER  
**7101**

DRAWING NUMBER  
**E-67L**

DATE 10-15-73  
SCALE 1" = 1'-0"



- ① SMOKE DETECTION SYS. MAIN CONTROL - 4" x 5" x 50" (H x W x D)
- ② SWITCH FOR MANUAL RELEASE
- ③ P.A. STATION FOR MANUAL SHUTDOWN OF EDP'S (6" H x 6" W x 6" D)
- ④ UPS REMOTE ALARM PANEL (9 1/2" H x 7 1/2" W x 4" D)
- ⑤ UPS RECORDER
- ⑥ UPS REMOTE MONITORING PANEL (6" H x 20" W x 3 1/2" D)
- ⑦ REMOTE T/G LOAD PRIORITY CONSOLE (2' x 2')
- ⑧ TEMP & HUM. PANEL (W/MOISTURE ALARM & TEST ALARM LIGHTS (8" H x 20" W x 6" D))
- ⑨ REMOTE PAGING ENCODER (2) (1 1/2" H x 1 1/2" W x 3" D)
- ⑩ MICROPHONE CONTROL STATION (6" H x 4" W x 6" D)

**PART PLAN  
ENVIRONMENTAL CONTROL  
CENTER**

15  
190  
1050  
NY 10000  
1050  
1050  
1050  
1050

12-21-78 GENERAL UPDATE

**REVISIONS**

NO.	DATE	DESCRIPTION

ISSUED TO NO. DATE PKG. NO.

EVAN WILKINS'S WIRELESS TV

**A FISHER BROTHERS PROJECT**

GREENWICH AND LIBERTY ST. N.Y. N.Y.

SHRYVE, LAMB & HARMON ASSOCIATES INC.  
ARCHITECTS  
475 PARK AVENUE SOUTH N.Y. N.Y. 10016

PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS  
919 THIRD AVENUE N.Y. N.Y. 10022

THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS  
385 MADISON AVENUE N.Y. N.Y. 10022

JAROS, BAUM & BOLLES MECH. ELEC. ENGINEERS  
345 PARK AVENUE N.Y. N.Y. 10022

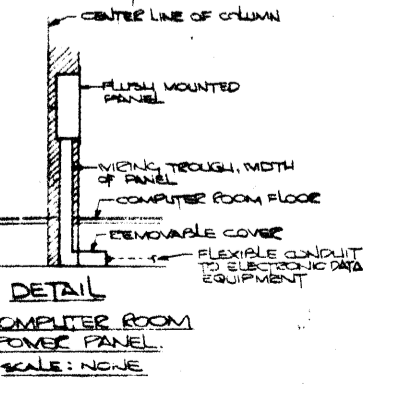
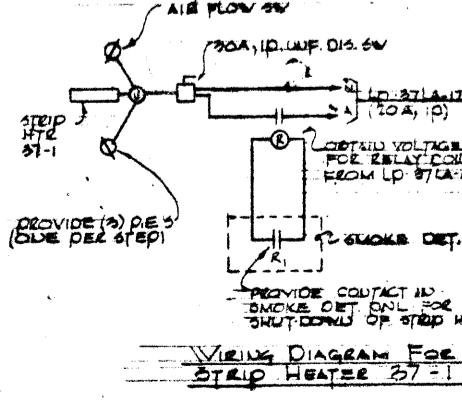
**37TH FLOOR PLAN  
POWER**

PROJECT NUMBER	7101
DRAWING NUMBER	E-67
DATE	1-7-78
SCALE	1" = 10'



**NOTES**

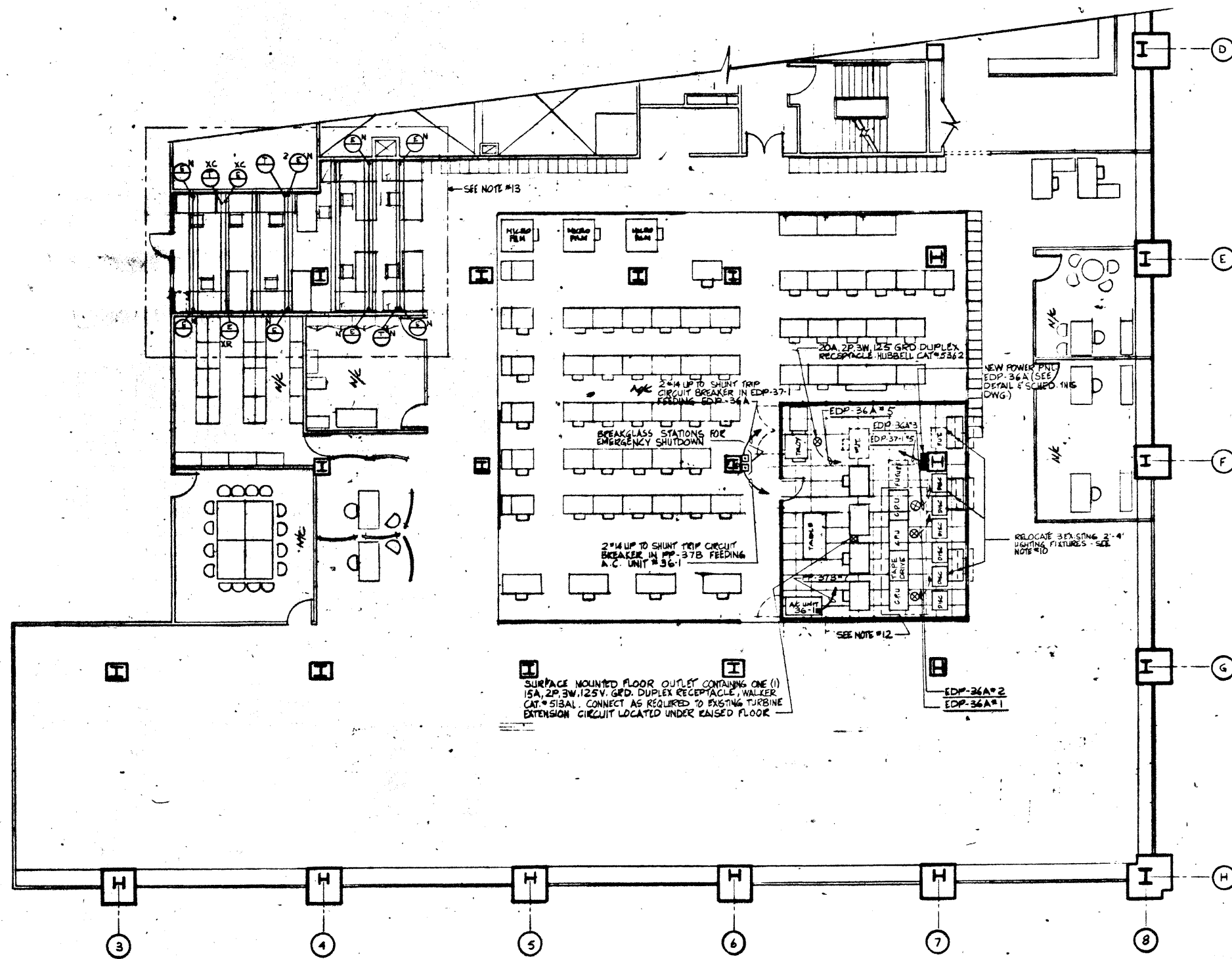
- 1 - 8" W x 2" T THROUGH WITH SCREW ON COVER EXTENDING FROM RAISED FLOOR ON 37TH FLOOR ABOVE TO BELOW THE RAISED FLOOR ON 37TH FLOOR.
- 2 - ALL 2' x 4' FLUORESCENT LIGHTING FIXTURES SHALL BE TYPE 'F' UNLESS OTHERWISE NOTED.
- 3 - ALL 1' x 4' FLUORESCENT LIGHTING FIXTURES SHALL BE TYPE 'F' UNLESS OTHERWISE NOTED.
- 4 - ALL WIRING WITHIN BASED 'RACK' SPACE BETWEEN 'EDP' & COMPUTERS SHALL BE RUN IN FLEXIBLE CONDUIT.



22

**GENERAL NOTES AND SPECIFICATIONS**

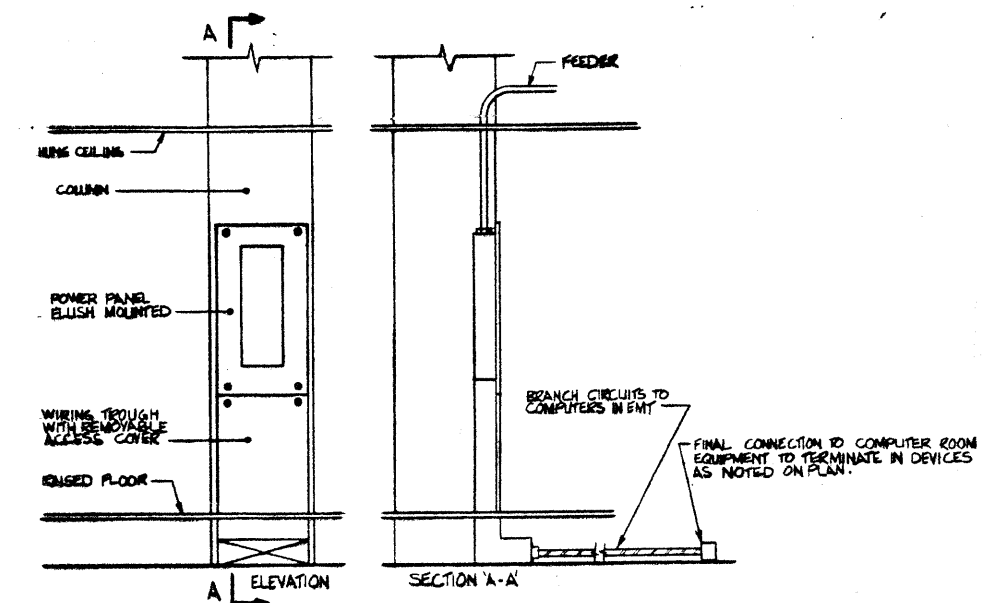
- All electrical work shall conform to the requirements of the Electrical Code of the City of New York, including all bulletins, amendments, etc., thereto.
- Electrical Contractor shall, before submitting his bid, conduct a survey at the site to verify all existing conditions and report to the Owner and Consulting Engineer any condition that prevents the installation of the work as shown on the drawings.
- Work Included:** The electrical work shall include, but shall not be limited to, the following:
  - Demolition and removal of portions of existing electrical work, including electrical and telephone outlets in floors and associated branch circuit wiring.
  - Furnishing and installation of new electrical work, including electrical and telephone outlets in floors and associated branch circuit wiring.
- Work Not Included:** Removal and replacement of existing ceilings.
- All feeders and branch circuit wiring shall be copper, Type THW (75 deg. F.) thermoplastic insulation, unless otherwise noted.
- Branch circuit wiring above hung ceilings shall be run in rigid steel or aluminum conduit or electrical metallic tubing (EMT). Wiring for floor outlets shall be run within the existing underfloor cell and leader duct system.
- Where electrical wall or floor outlets indicated to be removed are served by circuits serving additional outlets to remain, the branch circuit wiring is to be removed in such a manner as to allow continuity of service to the remaining outlets.
- After installation is complete, the circuit directories of the panels shall be brought up-to-date by identifying the circuits and outlets served (by room or space number).
- Exact locations of all floor outlets will be determined by Owner's representative at the site.
- Existing lighting fixtures to be relocated are presently served by 265 volt branch circuits. Electrical Contractor shall modify the existing circuitry as required.
- Electrical Contractor shall furnish and install, flush mounted, a new 120/208 volt, 3 phase, 4 wire power panel, designated EDP-36A. Panel shall have 200 amp. copper buses, neutral bus and separate ground bus. Branch circuits shall be per schedule, Type E, bolt-on type. Cabinet shall be code gauge steel with hinged lockable door. Cabinet shall be rustproofed prior to application of finish coat of grey enamel. Submit shop drawings for approval. See schedule on this drawing. Connect as shown on light and power riser. Drawing E-3.
- Existing CPU's are presently fed via branch circuits originating on the 35th and 37th floors. These branch circuits are to be disconnected and equipment is to be reconnected to new Power Panel EDP-36A. Remove existing receptacles for relocated equipment layout. Also see NOTE 15.
- New floor outlets indicated in southern portion of plan are to be connected, as required, to existing Utility Panel UP-360A or tie to branch circuits serving existing surrounding floor outlets. In no case shall there be more than seven (7) such receptacles connected to any single 15 amp., 120 volt branch circuit.
- FURNISH AND INSTALL NEW FEEDER CIRCUIT BREAKERS EACH WITH 120V SHUNT TRIP ELEMENT IN EXISTING POWER PANELS EDP-37-1 (PP-32B PER SCHEDULE) ON DWG. E-4.
- THE WIRING AND CONDUIT FOR THE REMOVED BRANCH CIRCUITS REFERRED TO IN NOTE 12 SHALL BE REMOVED IN ITS ENTIRETY AND DISCONNECTED FROM THE CIRCUIT BREAKERS IN THE PANELS ON THE 35<sup>TH</sup> AND 37<sup>TH</sup> FLOORS.



**SCHEDULE OF NEW COMPUTER PANEL 'EDP-36A' 120/208V-3Ø-4W**

C.B. NO.	FRAME	TRIP	TYPE	POLES	CONTROLS	SUPPLIES	FEEDER SIZE			REMARKS	
							NO.	SIZE	COND.		
1	100A	30A	F	3	EDP-36A*1	C.P.U.	4	#10	THW	3/4"	
2	100A	30A		3	EDP-36A*2	C.P.U.	4	#10	THW	3/4"	
3	100A	30A		3	EDP-36A*3	C.P.U.	4	#10	THW	3/4"	
4	100A	30A		3		SPARE (FOR FUTURE C.P.U.)					
5	100A	20A		1	EDP-36A*5	TRAY	3	#12	THW	3/4"	
6	100A			1		SPACE					
7	100A			1							
8	100A			1							
9	100A			1							
10	100A			1							
11	100A			1							
12	100A			1							
13	100A			1							
14	100A			1							
15	100A			1							
16	100A			1							

\* NUMBER OF CONDUCTORS INDICATED IN SCHEDULE INCLUDE ONE (1) GREEN INSULATED GROUND CONDUCTOR



DETAIL  
COMPUTER ROOM  
POWER PANEL INSTALLATION  
(SCALE: 1/2"=1'-0")

- LEGEND**
- UNDER FLOOR CELL SYSTEM: TELEPHONE  
E-ELECTRICAL, S-SIGNAL
  - ⊕ ELECTRIC FLOOR OUTLET ASSEMBLY CONTAINING ONE (1) 15A, 2P, 5W, 125V, GFD DUPLEX RECEPTACLE, WALKER CAT.#518AL, SUPERSHIELD 2 DENOTES TWO (2) DUPLEX RECEPTACLES, WALKER CAT.#5180
  - ⊕ TELEPHONE FLOOR OUTLET ASSEMBLY, WALKER CAT.#503AL WITH BUSHED HOLE
  - N NEW FLOOR OUTLET
  - XC EXISTING FLOOR OUTLET TO BE REMOVED AND CELL INSERT CAPPED FOR ELECTRICAL OUTLET. WIRING IS TO BE REMOVED FROM FLOOR CELL BACK TO SPLICE POINT IN HEADER/DUCT ACCESS UNIT.
  - XR EXISTING FLOOR OUTLET TO REMAIN
  - ⊗ DENOTES JUNCTION BOX WITH RECEPTACLE AS NOTED ON PLAN, MOUNTED UNDERNEATH RAISED FLOOR

NO.	REVISION	DATE	BY	ISSUED TO	DATE

LOCATION: **BANKERS TRUST PLAZA**

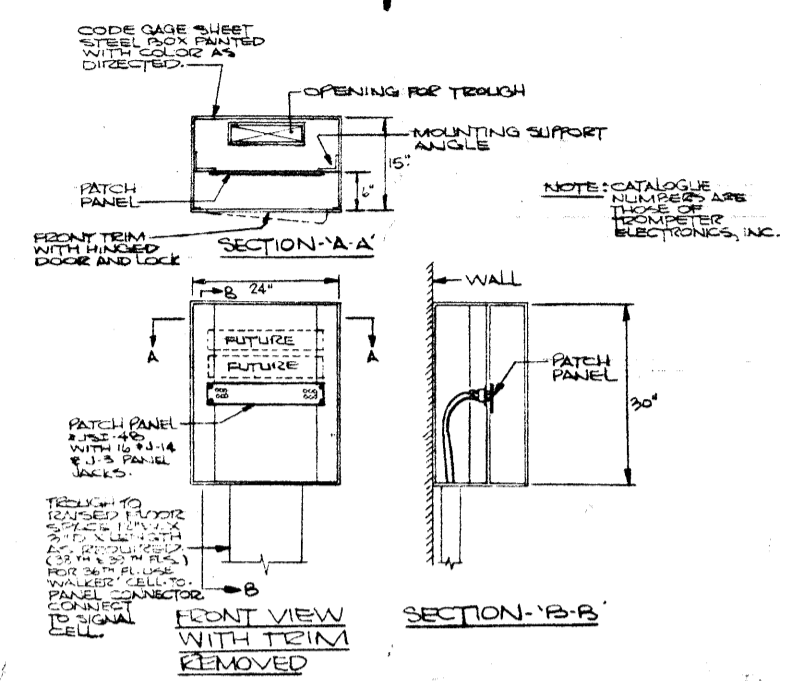
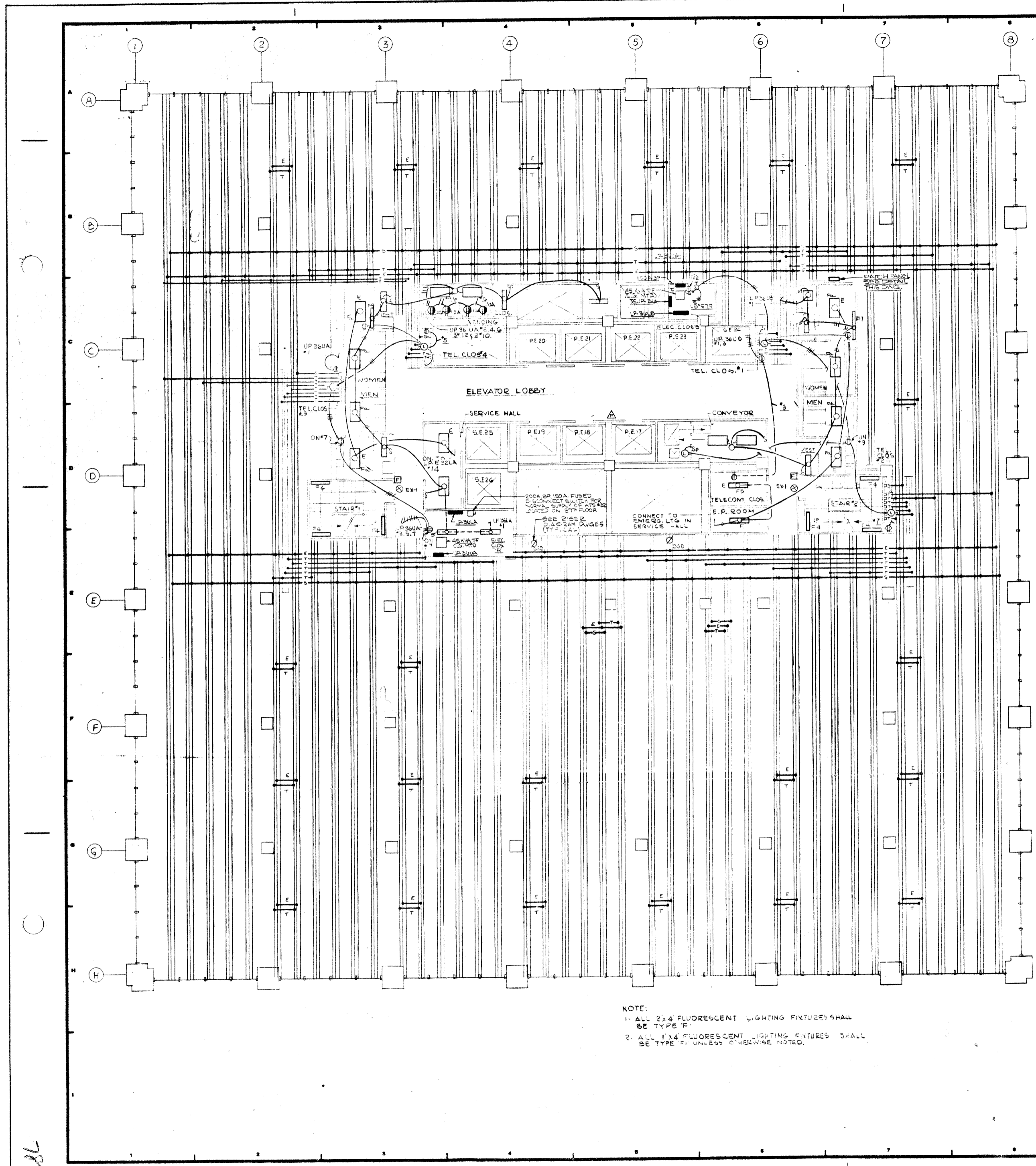
TITLE: **36TH FLOOR COMPUTER LAYOUT**

**BANKERS TRUST**  
REAL ESTATE MANAGEMENT  
ONE BANKERS TRUST PLAZA, NEW YORK, N.Y.

JAROS, BAUM & BOLLES  
CONSULTING ENGINEERS  
315 PARK AVENUE, NEW YORK, N.Y. 10022

DATE: 6-14-78 SCALE: 1/8"=1'-0 DRAWING NO: E-668





DETAIL OF PATCH PANEL  
(OCCURS ON 36TH, 38TH & 39TH FLS.)

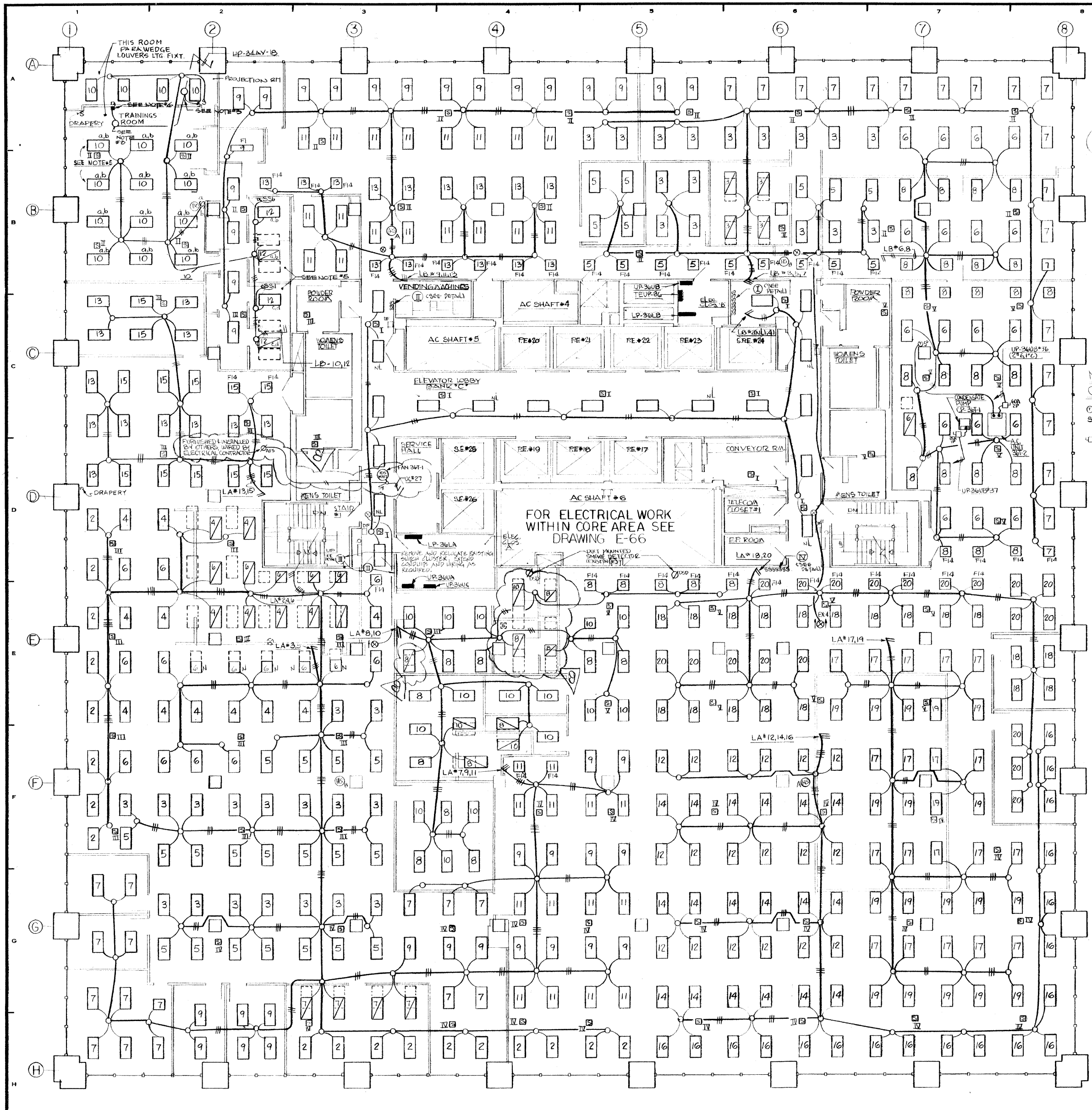
NOTE:  
 1. ALL 2x4 FLUORESCENT LIGHTING FIXTURES SHALL BE TYPE F.  
 2. ALL 1x4 FLUORESCENT LIGHTING FIXTURES SHALL BE TYPE F1 UNLESS OTHERWISE NOTED.

12-21-76	GENERAL UPDATE	
REVISIONS		
NO.	DATE	DESCRIPTION
ISSUED TO	NO.	DATE
	PKG NO.	
BANK OF AMERICA		
1217A 22		
<b>A FISHER BROTHERS PROJECT</b>		
GREENWICH AND LIBERTY ST. N.Y. N.Y.		
<b>SHREVE, LAMB &amp; HARMON ASSOCIATES P.C. ARCHITECTS</b>		
475 PARK AVENUE SOUTH N.Y. N.Y. 10016		
<b>PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS</b>		
919 THIRD AVENUE N.Y. N.Y. 10022		
<b>THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS</b>		
515 MADISON AVENUE N.Y. N.Y. 10022		
<b>JAROS, BAUM &amp; BOLLES MICHAEL ELEC. ENGINEERS</b>		
345 PARK AVENUE N.Y. N.Y. 10022		

36TH FLOOR ELECTRICAL

PROJECT NUMBER	7101
DRAWING NUMBER	E-66
DATE	
SCALE	

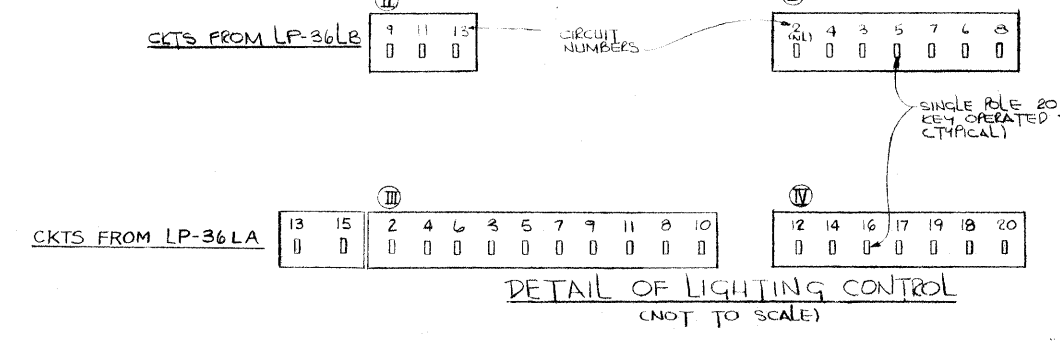
BL



**NOTES**  
 1. FOR SYMBOL LIST, FAN NOTES AND ELECTRICAL SPECIFICATIONS, REFER TO DRAWING E-5

**NOTES FOR CONDENSATE PUMP CP 30T-1 AND A/C UNIT 30T-2**  
 1. THERMOSTAT SUPPLY FROM PUSHBUTTON STATION WITH PILOT LIGHT  
 2. INFUSED DISCONNECT SWITCH (SIZE AS NOTED) FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR  
 IF UNIT IS USED FOR WIRING TO A/C UNIT AND CONDENSATE PUMP UNIT, NO GREEN INSULATED GROUND WIRE SHALL BE RUN WITH MAIN BRANCH CIRCUIT CONNECTED AS REQUIRED, TO ACHIEVE PROPER GROUNDING OF THE UNITS.

**NOTES:**  
 1. ALL FIXTURES TO BE TYPE "T", UNLESS OTHERWISE SHOWN.  
 2. FOR SPEAKER WIRING AND CONNECTION TO VOLUME CONTROL STATION, SEE TYPICAL DETAIL ON DRAWING E-5-1.  
 3. ACCENT LIGHT TO BE LIGHTS WITH CAT # 40A (24" H.V. LIGHT ROOM PAR 50 GP. IN TRANSFORMER & 2" PAR 36 GP. IN CONNECTION RM.  
 4. FOR SYMBOLS AND MISCELLANEOUS DETAILS, SEE DRAWING E-5-1.  
 5. FIXTURES IN TRAINING ROOM SHALL BE AIRHANDLING V/W PARAWEDGE LOUVERS. FIXTURES TO HAVE TWO-LEVEL SWITCHING, INNER 2 LAMPS & BALLAST SHALL BE ON SWITCH, OUTER 2 LAMPS & BALLAST SHALL BE ON OTHER SWITCH.  
 6. ALL MOUNTED DIMMER WITH RADIO INTERFERENCE FILTER, CAT # LUTRON D-600P OR EQUAL



**SCHEDULE OF LIGHTING PANELS 277/480V 3Ø, 4W**

PANEL	20 AMP-1P-C.B.		70 AMP-3P-C.B.		REMARKS
	NO. 12 WIRE	ACTIVE SPACE	NO. 2 WIRE	ACTIVE SPACE	
LP-36LA	21	11	1	0	+1, 1P SPACE
36 POLES	CIRC. # 1-20		T/F		
LP-36LB	10	14	1	0	+1, 1P SPACE
36 POLES	CIRC. # 1-10		T/F		

FOR CKTS LP-36LA \* 1 & 36LB \* 1; SEE DRAWING E-66

**REVISIONS**

NO.	DATE	DESCRIPTION
1	7-21-73	ADDED SPEAKERS AND EXIT SIGNS. EMERGENCY LIGHTING PROVIDED
2	11-30-73	REVISED HORN SPEAKERS
3	2-6-74	RE-CIRCUITING OF LIGHTING FOR ENERGY CONSERVATION
4	5-28-75	REVISED LIGHTING IN AND VESTIBULE AREA
5	6-20-79	REVISED AS PER BANKERS TRUST COMPANY DRAWING NO. 36-18 DATED 5/17/79, ADDED AS UNIT #12 AND CONDENSATE PUMP UNIT #2. REVISIONS AS PER SHREVE LAMB & HARMON ASSOCIATES DRAWING A-2 DATED 7/11/79 AND AS PER DIRECTIONS OF BANKERS TRUST COMPANY
6	8-10-79	REVISED AS PER SHREVE LAMB & HARMON ASSOCIATES DRAWING A-2, RECEIVED 3-12-81
7	3-24-81	REVISED AS PER SHREVE LAMB & HARMON ASSOCIATES DRAWING A-2, RECEIVED 5-1-81
8	5-8-81	REVISED AS PER SHREVE LAMB & HARMON ASSOCIATES DRAWING A-2, RECEIVED 5-1-81

**BANKERS TRUST PLAZA**  
**A FISHER BROTHERS PROJECT**  
 GREENWICH AND LIBERTY ST. N. Y. N. Y.  
**SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS**  
 475 PARK AVENUE SOUTH N.Y. N.Y. 10016  
**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
 919 THIRD AVENUE N.Y. N.Y. 10022  
**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**  
 515 MADISON AVENUE N.Y. N.Y. 10022  
**JAROS, BAUM & BOLLES MECH. & ELEC. ENGINEERS**  
 345 PARK AVENUE N.Y. N.Y. 10022

**36TH FLOOR PLAN LIGHTING**

PROJECT NUMBER  
**7101**

DRAWING NUMBER  
**E-66L**

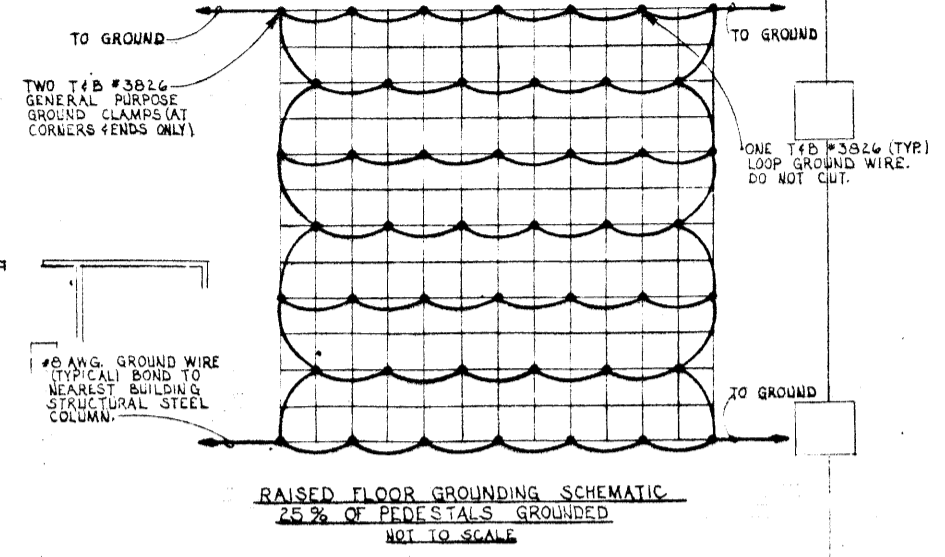
DATE  
**11-28-72**

SCALE  
**1/8" = 1'-0"**

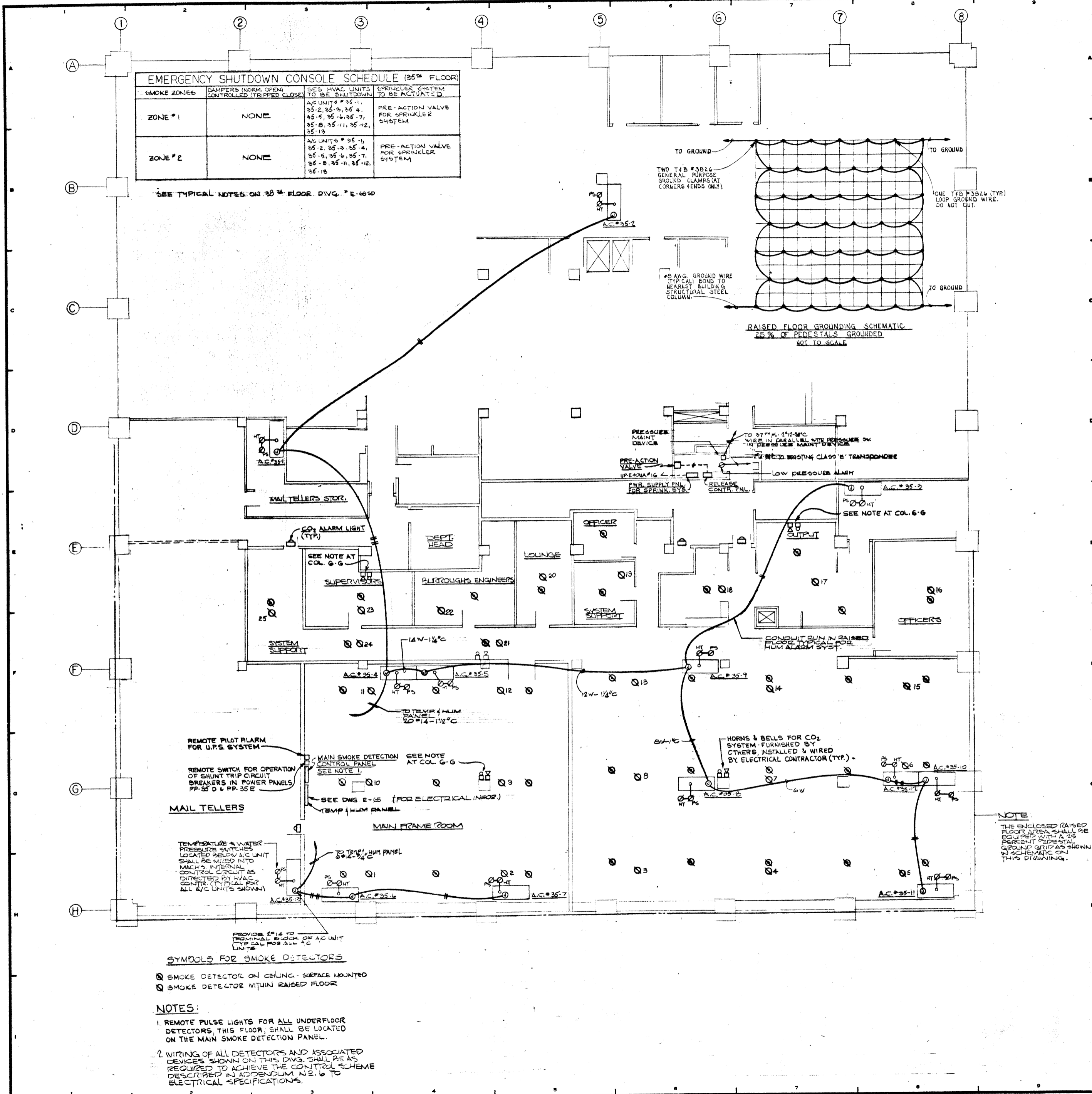
36

EMERGENCY SHUTDOWN CONSOLE SCHEDULE (35 <sup>TH</sup> FLOOR)			
SMOKE ZONE	DAMPERS (NORM OPEN/CONTROLLED TRIPPED CLOSE)	SES HVAC UNITS TO BE SHUTDOWN	SPRINKLER SYSTEM TO BE ACTIVATED
ZONE #1	NONE	AC UNITS # 35-11, 35-2, 35-9, 35-4, 35-5, 35-6, 35-7, 35-8, 35-11, 35-12, 35-13	PRE-ACTION VALVE FOR SPRINKLER SYSTEM
ZONE #2	NONE	AC UNITS # 35-11, 35-2, 35-9, 35-4, 35-5, 35-6, 35-7, 35-8, 35-11, 35-12, 35-13	PRE-ACTION VALVE FOR SPRINKLER SYSTEM

SEE TYPICAL NOTES ON 38<sup>TH</sup> FLOOR DIV. # E-650



RAISED FLOOR GROUNDING SCHEMATIC  
25% OF FEET TAILS GROUNDED  
NOT TO SCALE



NOTE  
THE ENCLOSED RAISED FLOOR AREA SHALL BE EQUIPPED WITH A 75 PERCENT PERCENT GROUND GRID AS SHOWN IN SCHEMATIC ON THIS DRAWING.

SYMBOLS FOR SMOKE DETECTORS  
 ☉ SMOKE DETECTOR ON CEILING - SURFACE MOUNTED  
 ☉ SMOKE DETECTOR WITHIN RAISED FLOOR

- NOTES:
1. REMOTE PULSE LIGHTS FOR ALL UNDERFLOOR DETECTORS. THIS FLOOR, SHALL BE LOCATED ON THE MAIN SMOKE DETECTION PANEL.
  2. WIRING OF ALL DETECTORS AND ASSOCIATED DEVICES SHOWN ON THIS DIV. SHALL BE REQUIRED TO ACHIEVE THE CONTROL SCHEME DESCRIBED IN APPENDIX N.2.1.6 TO ELECTRICAL SPECIFICATIONS.

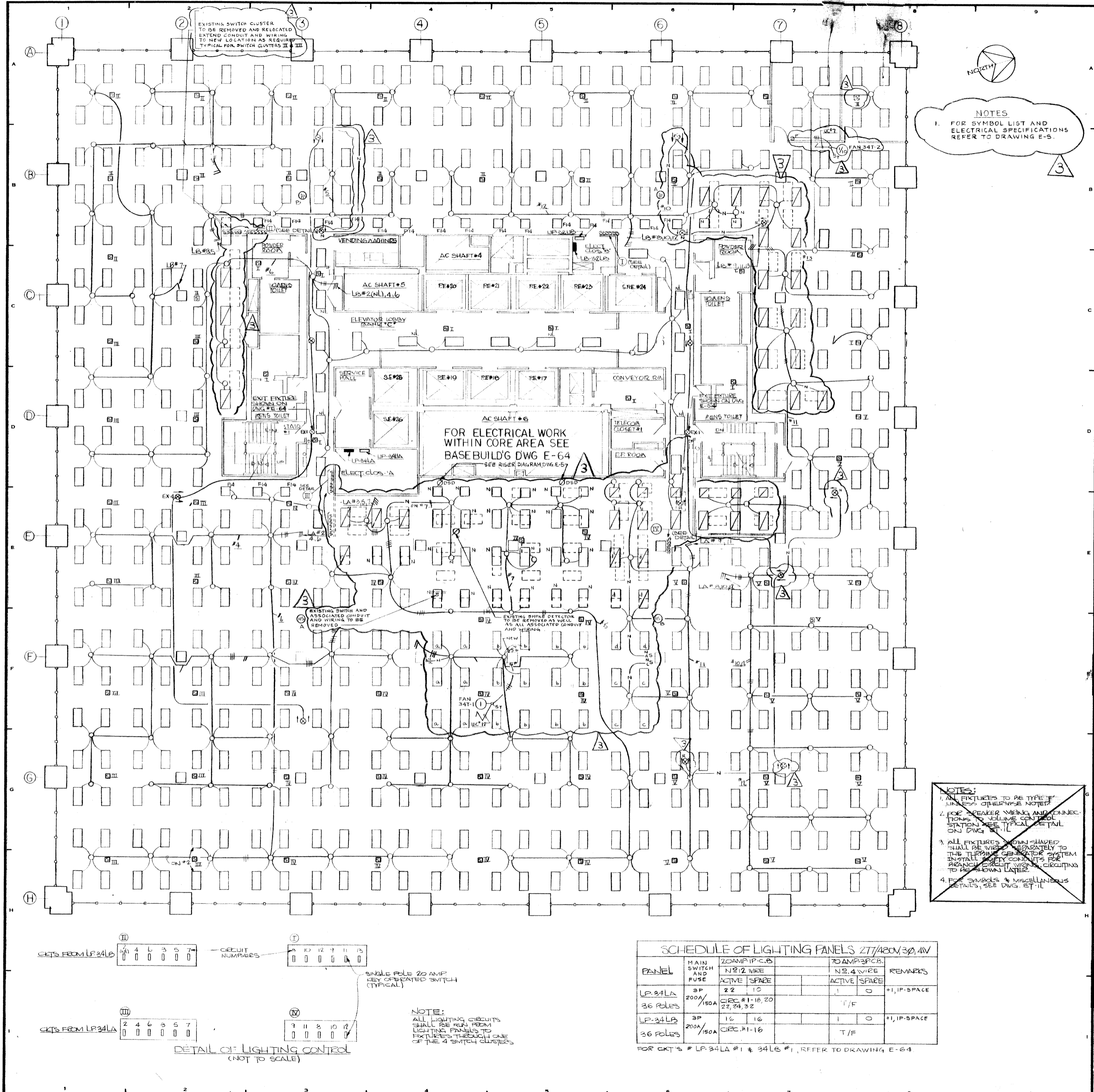
REVISIONS		
NO.	DATE	DESCRIPTION
12-21-78		GENERAL UPDATE

**BANKERS TRUST**  
**PLAZA**  
**A FISHER BROTHERS PROJECT**  
 GREENWICH AND LIBERTY ST. N.Y. N.Y.  
**SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS**  
 475 PARK AVENUE SOUTH N.Y. N.Y. 10016  
**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
 919 THIRD AVENUE N.Y. N.Y. 10022  
**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**  
 515 MADISON AVENUE N.Y. N.Y. 10022  
**JAROS, BAUM & BOLLES MECHANICAL ENGINEERS**  
 345 PARK AVENUE N.Y. N.Y. 10022

35<sup>TH</sup> FLOOR PLAN  
 COMPUTER SMOKE  
 DETECTION SYSTEM

PROJECT NUMBER  
**7101**  
 DRAWING NUMBER  
**E-65SD**  
 DATE  
 3-3-72  
 SCALE  
 1/8" = 1'-0"





REVISIONS		
NO.	DATE	DESCRIPTION
1	8-20-79	EMERGENCY LIGHTING PROVIDED SPEAKER & EXIT SIGNS ADDED
2	11-20-78	HORN/SPEAKERS REVISED
3	4-22-81	REVISED AS PER SHERIDAN ASSOCIATES DRAWING RECEIVED 4-8-81, ADDED FAN 34T-2

**NOTES**  
 1. FOR SYMBOL LIST AND ELECTRICAL SPECIFICATIONS REFER TO DRAWING E-5.

F/W	NO.	DATE	PK. NO.
REV	254	9-28-73	RE 27491
ISSUED TO	NO.	DATE	PKG. NO.

**BANKERS TRUST PLAZA**

**A FISHER BROTHERS PROJECT**

GREENWICH AND LIBERTY ST. N. Y. N. Y.

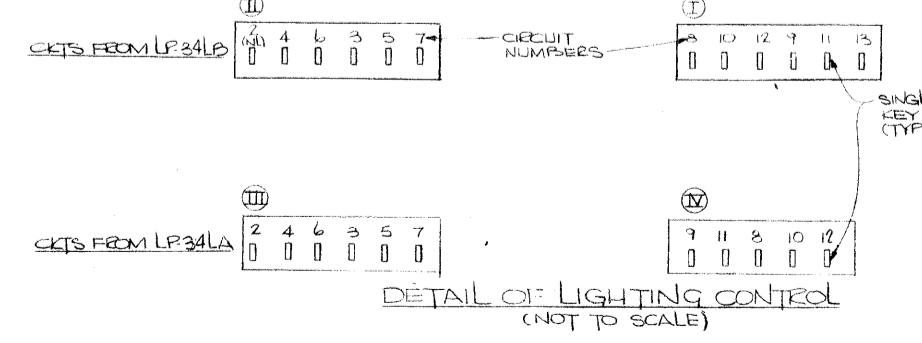
**SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS**  
 475 PARK AVENUE SOUTH N. Y. N. Y. 10016

**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
 919 THIRD AVENUE N. Y. N. Y. 10022

**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**  
 515 MADISON AVENUE N. Y. N. Y. 10022

**J. A. ROSS, BAUM & BOLLES MECHANICAL ENGINEERS**  
 345 PARK AVENUE N. Y. N. Y. 10022

**NOTES:**  
 1. ALL FIXTURES TO BE TYPE 'F' UNLESS OTHERWISE NOTED.  
 2. FOR BREAKER WIRING AND CONNECTIONS TO JUNCTION CONTROL STATION SEE TYPICAL DETAIL ON DWG E-1.  
 3. ALL FIXTURES SHOWN SHALLOWS SHALL BE WIRING SEPARATELY TO THE TURBINE GENERATOR SYSTEM INSTALL SAFETY CIRCUITS FOR BRANCH CIRCUIT WIRING CIRCUITING TO BE SHOWN LATER.  
 4. FOR SYMBOLS & MISCELLANEOUS DETAILS, SEE DWG. E-11.

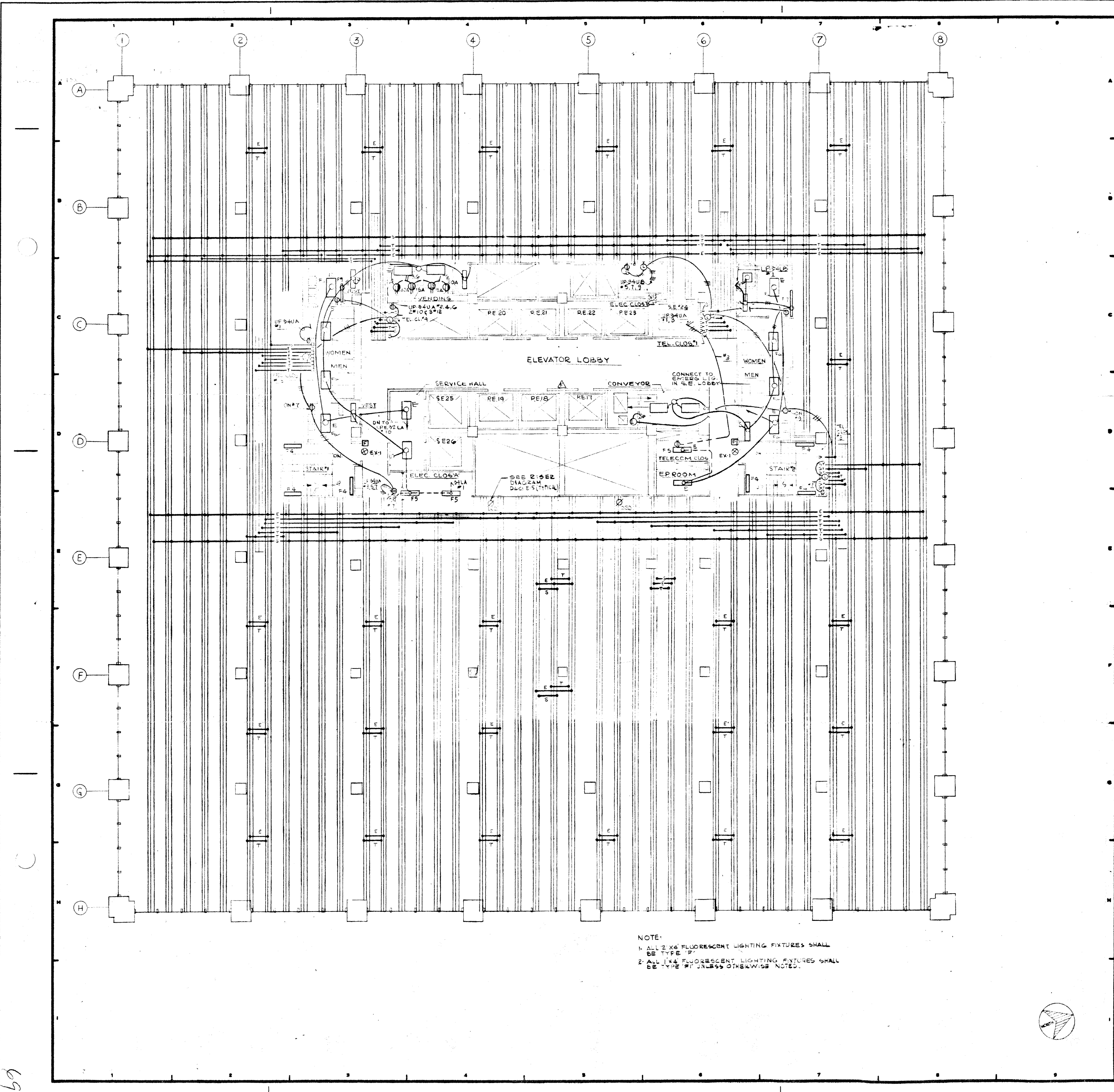


PANEL	MAIN SWITCH AND FUSE	20AMP P.C.B. NO. 2 WIRE ACTIVE SPACE	20AMP P.C.B. NO. 4 WIRE ACTIVE SPACE	REMARKS
LP-34LA	3P 200A/150A	22 1, 10 22, 24, 32	1 0	+1, 1P-SPACE
LP-34LB	3P 200A/150A	16 1, 16 22, 24, 32	1 0	+1, 1P-SPACE

FOR CKT'S # LP-34LA #1 & 34LB #1, REFER TO DRAWING E-64.

**34TH FLOOR PLAN LIGHTING**

PROJECT NUMBER	<b>7101</b>
DRAWING NUMBER	<b>E-64L</b>
DATE	3-27-78
SCALE	1/8" = 1'-0"



NOTE:  
 1. ALL 2' X 4' FLUORESCENT LIGHTING FIXTURES SHALL BE TYPE "P".  
 2. ALL 1' X 4' FLUORESCENT LIGHTING FIXTURES SHALL BE TYPE "T" UNLESS OTHERWISE NOTED.

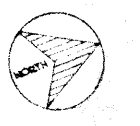
REVISIONS	
NO.	DESCRIPTION
12-21-70	GENERAL UPDATE

**A FISHER BROTHERS PROJECT**

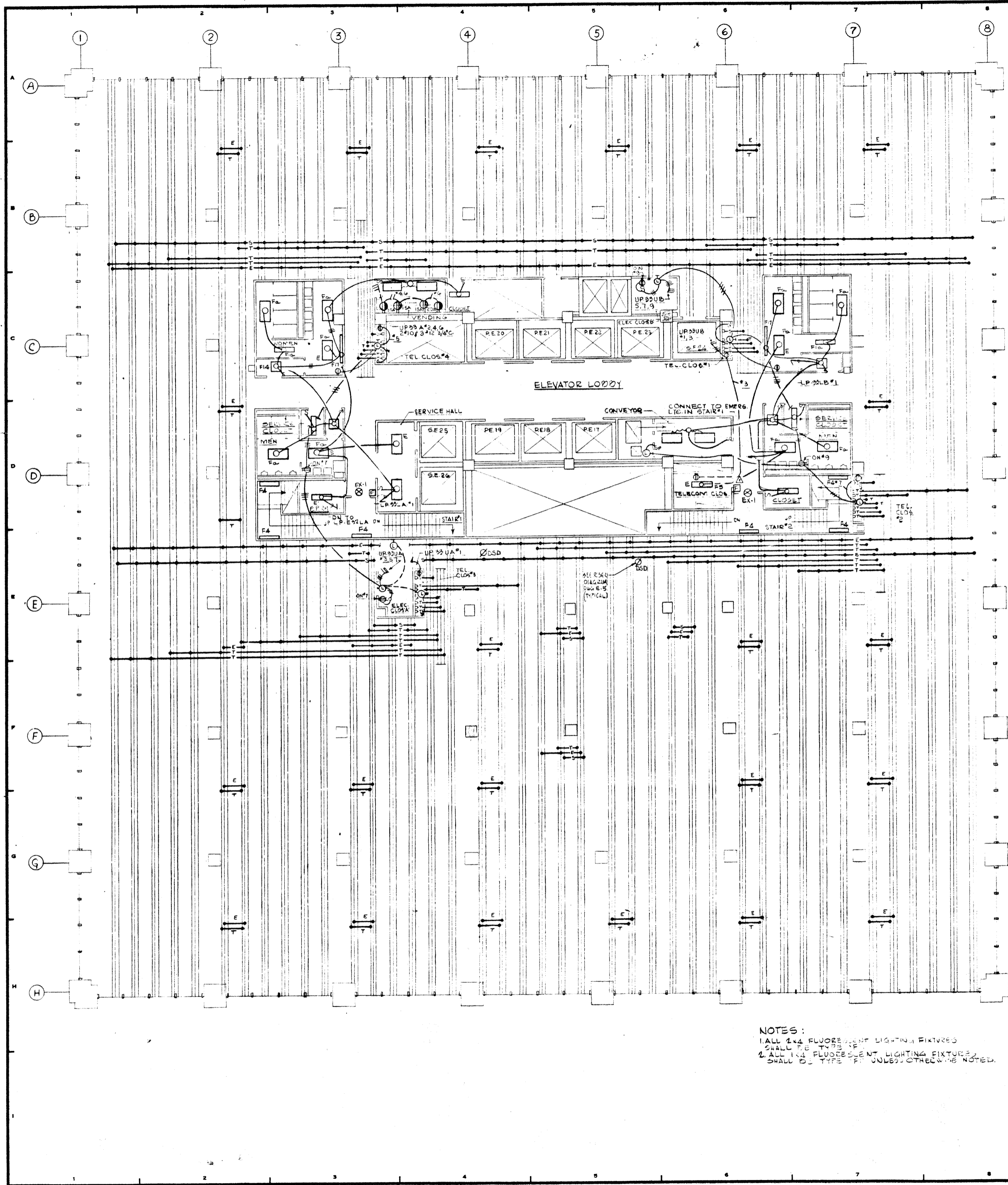
GREENWICH AND LIBERTY ST. N.Y. N.Y.  
**SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS**  
 475 PARK AVENUE SOUTH N.Y. N.Y. 10016  
**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
 519 THIRD AVENUE N.Y. N.Y. 10022  
**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**  
 515 MADISON AVENUE N.Y. N.Y. 10022  
**JAROS, BAUM & BOLLES MECHANICAL ENGINEERS**  
 345 PARK AVENUE N.Y. N.Y. 10022

**54th FLOOR ELECTRICAL**

PROJECT NUMBER	7101
DRAWING NUMBER	E-64
DATE	
SCALE	



69



NOTES:  
 1. ALL 2x4 FLUORESCENT LIGHTING FIXTURES  
 SHALL BE TYPE 718  
 2. ALL 1x4 FLUORESCENT LIGHTING FIXTURES  
 SHALL BE TYPE 717 UNLESS OTHERWISE NOTED.

12-21-76		GENERAL UPDATE	
REVISIONS			
NO.	DATE	DESCRIPTION	PKG. NO.

**A FISHER BROTHERS PROJECT**

GREENWICH AND LIBERTY ST. N.Y. N.Y.

**SHREVE, LAMBA HARMON ASSOCIATES P.C. ARCHITECTS**  
 475 PARK AVENUE SOUTH N.Y. N.Y. 10016

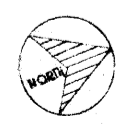
**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
 919 THIRD AVENUE N.Y. N.Y. 10022

**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**  
 315 MADISON AVENUE N.Y. N.Y. 10022

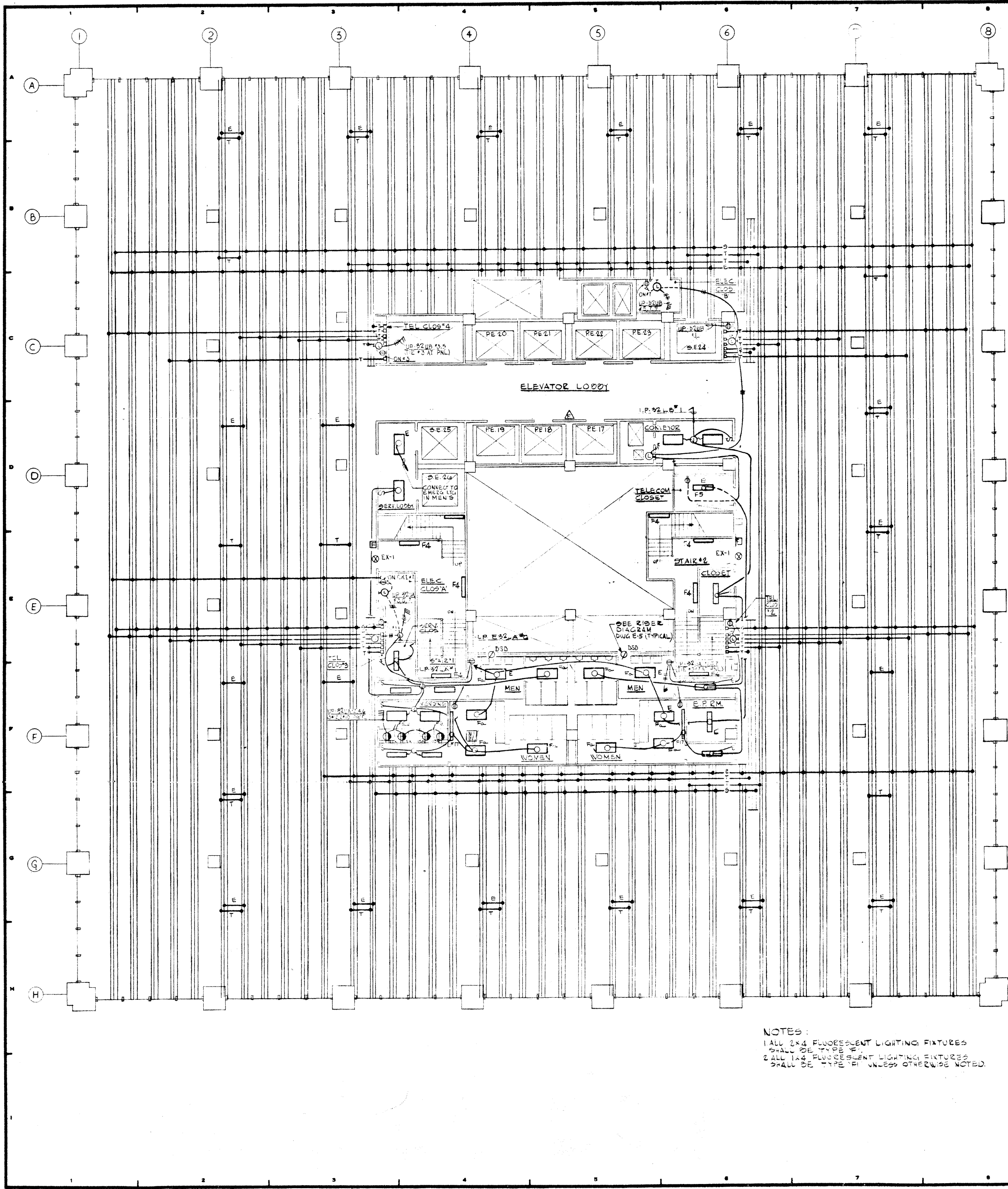
**J. A. ROS, BAUM & BOLLES MECHANICAL ENGINEERS**  
 345 PARK AVENUE N.Y. N.Y. 10022

**33RD FLOOR ELECTRICAL**

PROJECT NUMBER	7101
DRAWING NUMBER	E-63
DATE	1-7-72
SCALE	1/8" = 1'-0"



81



NOTES:  
 1 ALL 2x4 FLUORESCENT LIGHTING FIXTURES  
 SHALL BE TYPE 'E'.  
 2 ALL 1x4 FLUORESCENT LIGHTING FIXTURES  
 SHALL BE TYPE 'F' UNLESS OTHERWISE NOTED.

12-21-76	GENERAL UPDATE		
REVISIONS			
NO.	DATE	DESCRIPTION	
ISSUED TO	NO.	DATE	PKG. NO.

32ND FLOOR ELECTRICAL  
 PLAZA

**A FISHER BROTHERS PROJECT**

GREENWICH AND LIBERTY ST. N.Y. N.Y.

SHRIVE, LAMB & HARMON ASSOCIATES P.C.  
 ARCHITECTS  
 475 PARK AVENUE SOUTH N.Y. N.Y. 10016

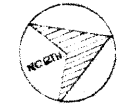
PETERSON AND BRICKBAUER  
 ASSOCIATED ARCHITECTS  
 919 THIRD AVENUE N.Y. N.Y. 10022

THE OFFICE OF JAMES RUDERMAN  
 STRUCTURAL ENGINEERS  
 315 MADISON AVENUE N.Y. N.Y. 10022

JAROS, BAUM & BOLLES  
 MECH. & ELEC. ENGINEERS  
 345 PARK AVENUE N.Y. N.Y. 10022

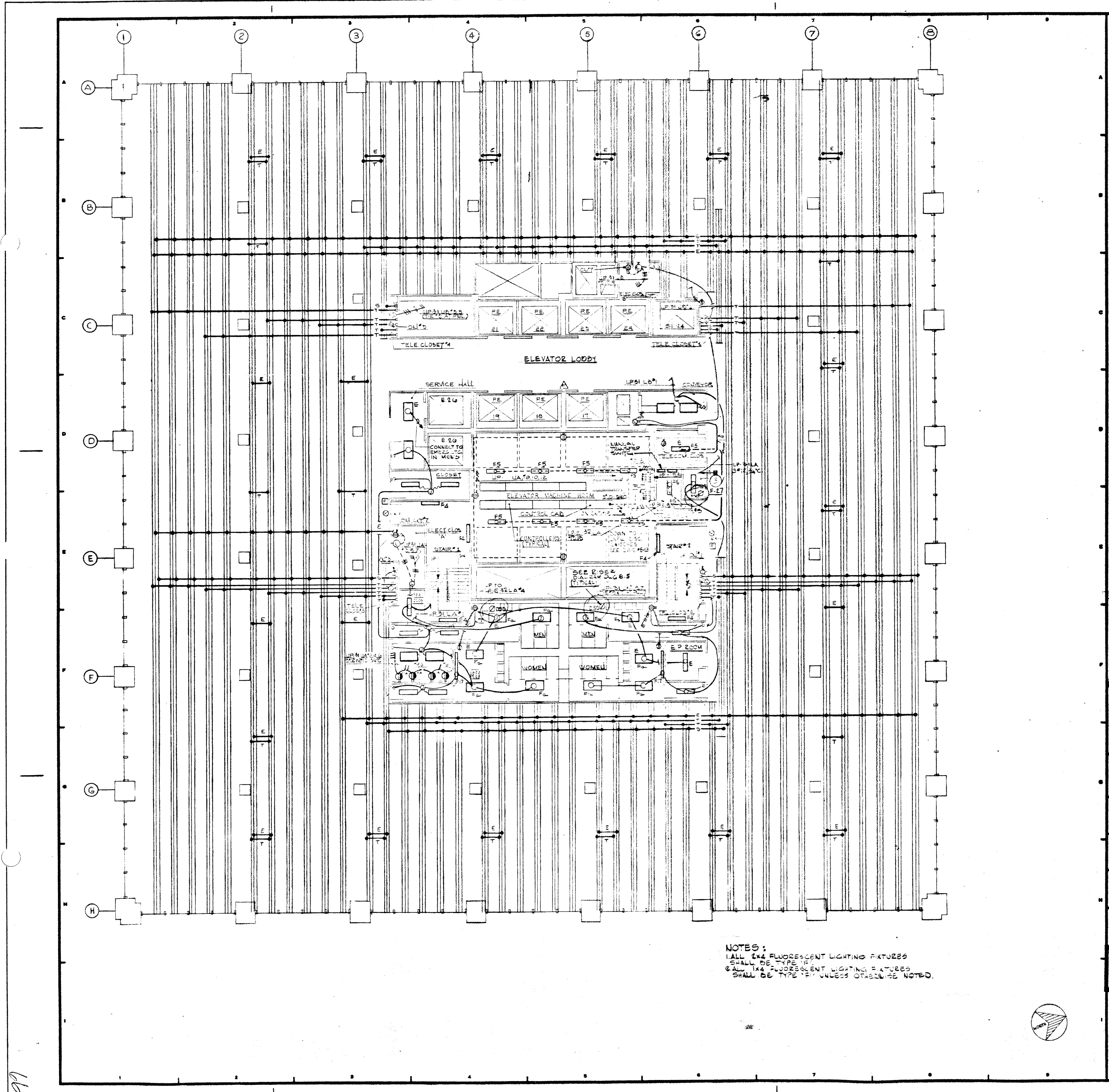
32ND FLOOR  
 ELECTRICAL

PROJECT NUMBER	7101
DRAWING NUMBER	E-62
DATE	1-7-76
SCALE	1/8" = 1'-0"



69





NOTES:  
 1. ALL 2x4 FLUORESCENT LIGHTING FIXTURES  
 SHALL BE TYPE "F"  
 2. ALL 1x4 FLUORESCENT LIGHTING FIXTURES  
 SHALL BE TYPE "F" UNLESS OTHERWISE NOTED.

12-21-78 GENERAL UPDATE

REVISIONS

NO.	DATE	DESCRIPTION

ISSUED TO	NO.	DATE	PKG. NO.

PLAZA

**A FISHER BROTHERS PROJECT**

GREENWICH AND LIBERTY ST. N.Y. N.Y.

**SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS**  
 475 PARK AVENUE SOUTH N.Y. N.Y. 10016

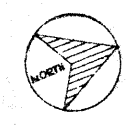
**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
 919 THIRD AVENUE N.Y. N.Y. 10022

**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**  
 515 MADISON AVENUE N.Y. N.Y. 10022

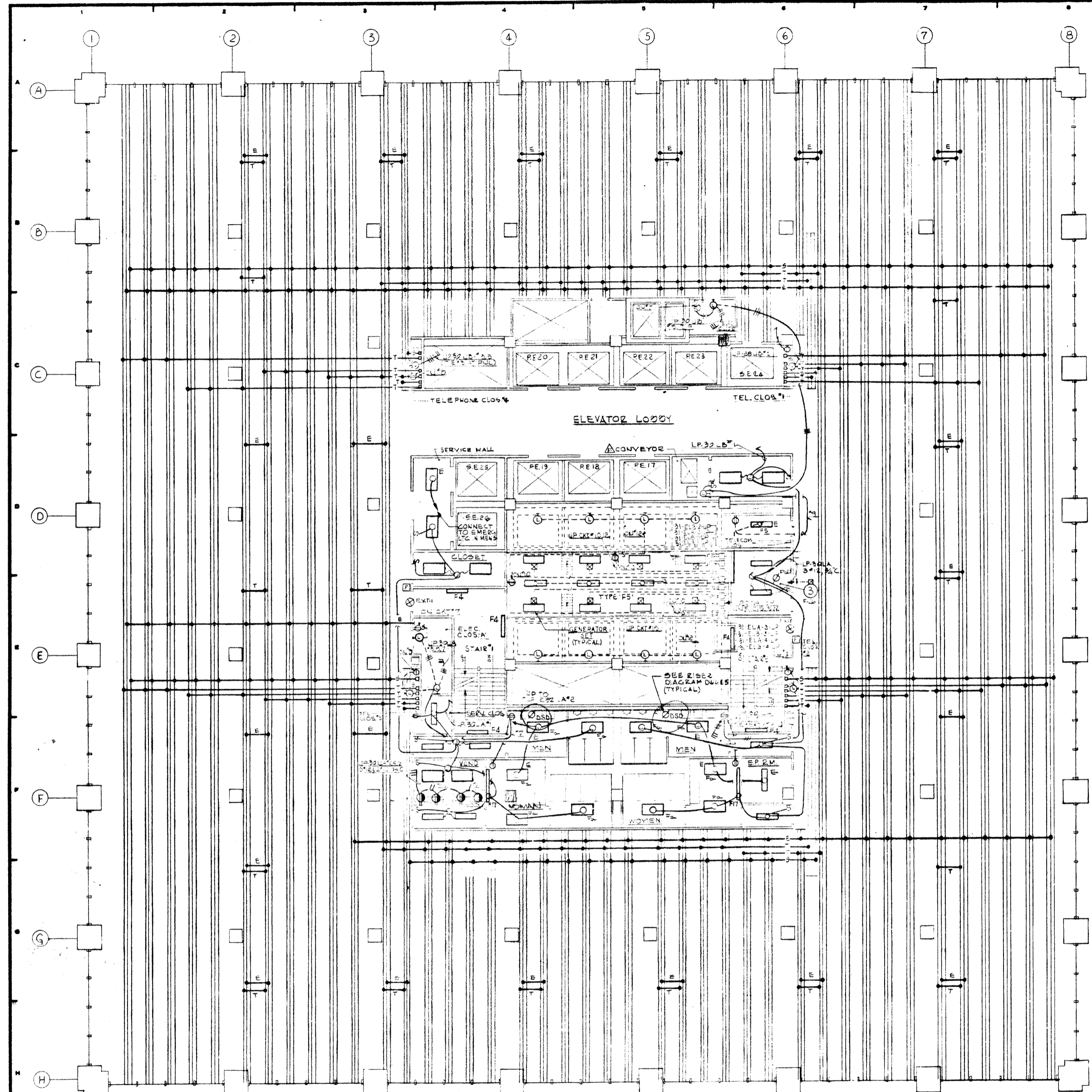
**J. A. ROS, BAUM & BOLLES MECH. & ELEC. ENGINEERS**  
 345 PARK AVENUE N.Y. N.Y. 10022

**31<sup>ST</sup> FLOOR ELECTRICAL**

PROJECT NUMBER	7101
DRAWING NUMBER	E-61
DATE	1-7-78
SCALE	1/4" = 1'-0"



99



NOTES:  
 1. ALL 2x4 FLUORESCENT LIGHTING FIXTURES SHALL BE TYPE 1.  
 2. ALL 1x4 FLUORESCENT LIGHTING FIXTURES SHALL BE TYPE 2 UNLESS OTHERWISE NOTED.

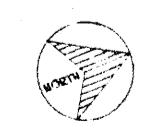
12-21-70		GENERAL UPDATE	
REVISIONS			
NO.	DATE	DESCRIPTION	
ISSUED TO	NO.	DATE	PKG. NO.

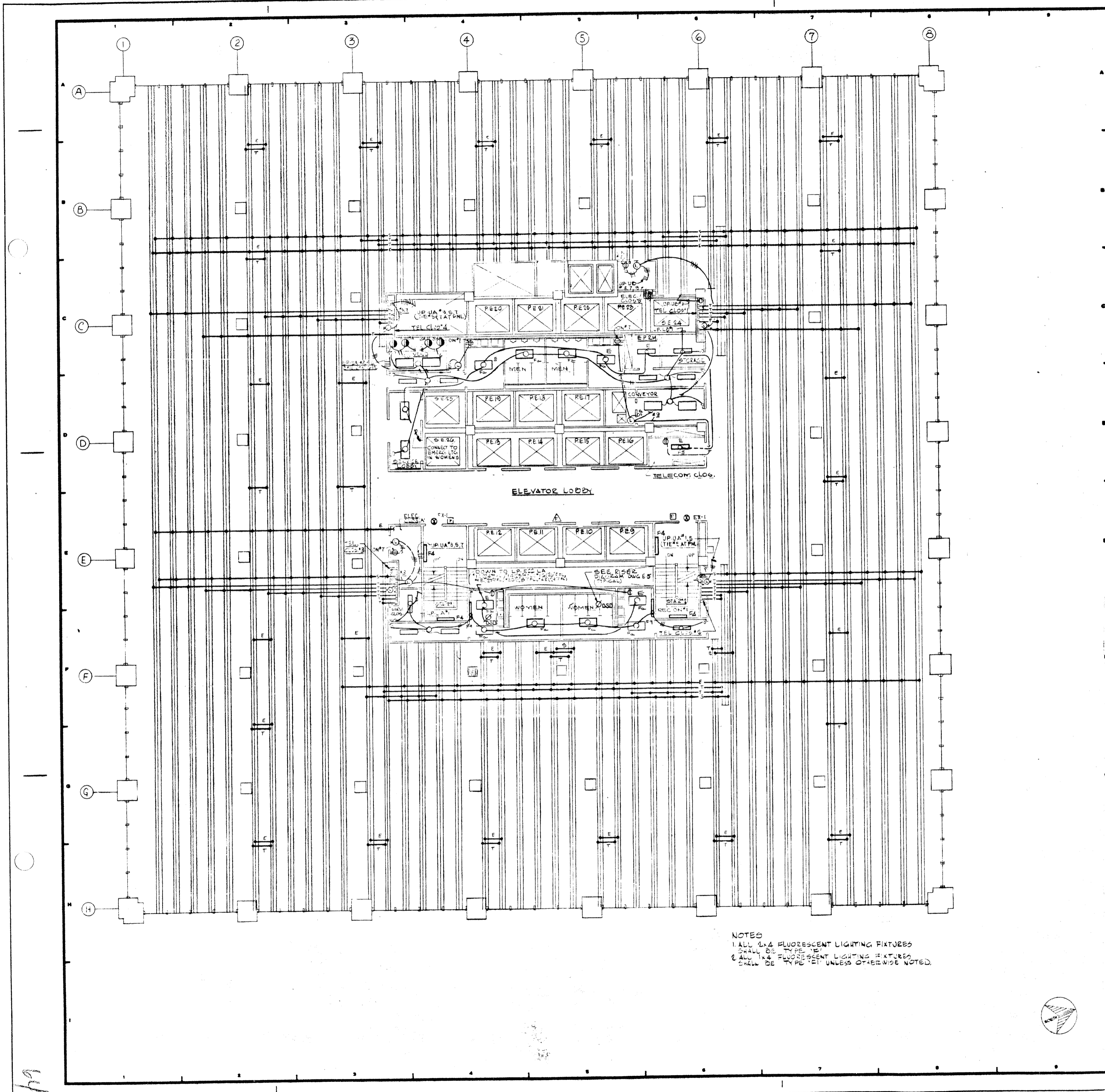
**A FISHER BROTHERS PROJECT**

GREENWICH AND LIBERTY ST. N.Y. N.Y.  
 SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS  
 475 PARK AVENUE SOUTH N.Y. N.Y. 10016  
 PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS  
 919 THIRD AVENUE N.Y. N.Y. 10022  
 THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS  
 515 MADISON AVENUE N.Y. N.Y. 10022  
 JAROS, BAUM & BOLLES MECH. & ELEC. ENGINEERS  
 345 PARK AVENUE N.Y. N.Y. 10022

**30th FLOOR ELECTRICAL**

PROJECT NUMBER	7101
DRAWING NUMBER	E-60
DATE	1-1-72
SCALE	1/8" = 1'-0"





NOTES  
 1. ALL 2'x4' FLUORESCENT LIGHTING FIXTURES SHALL BE TYPE '181'  
 2. ALL 1'x4' FLUORESCENT LIGHTING FIXTURES SHALL BE TYPE '181' UNLESS OTHERWISE NOTED.

REVISIONS		
NO.	DATE	DESCRIPTION

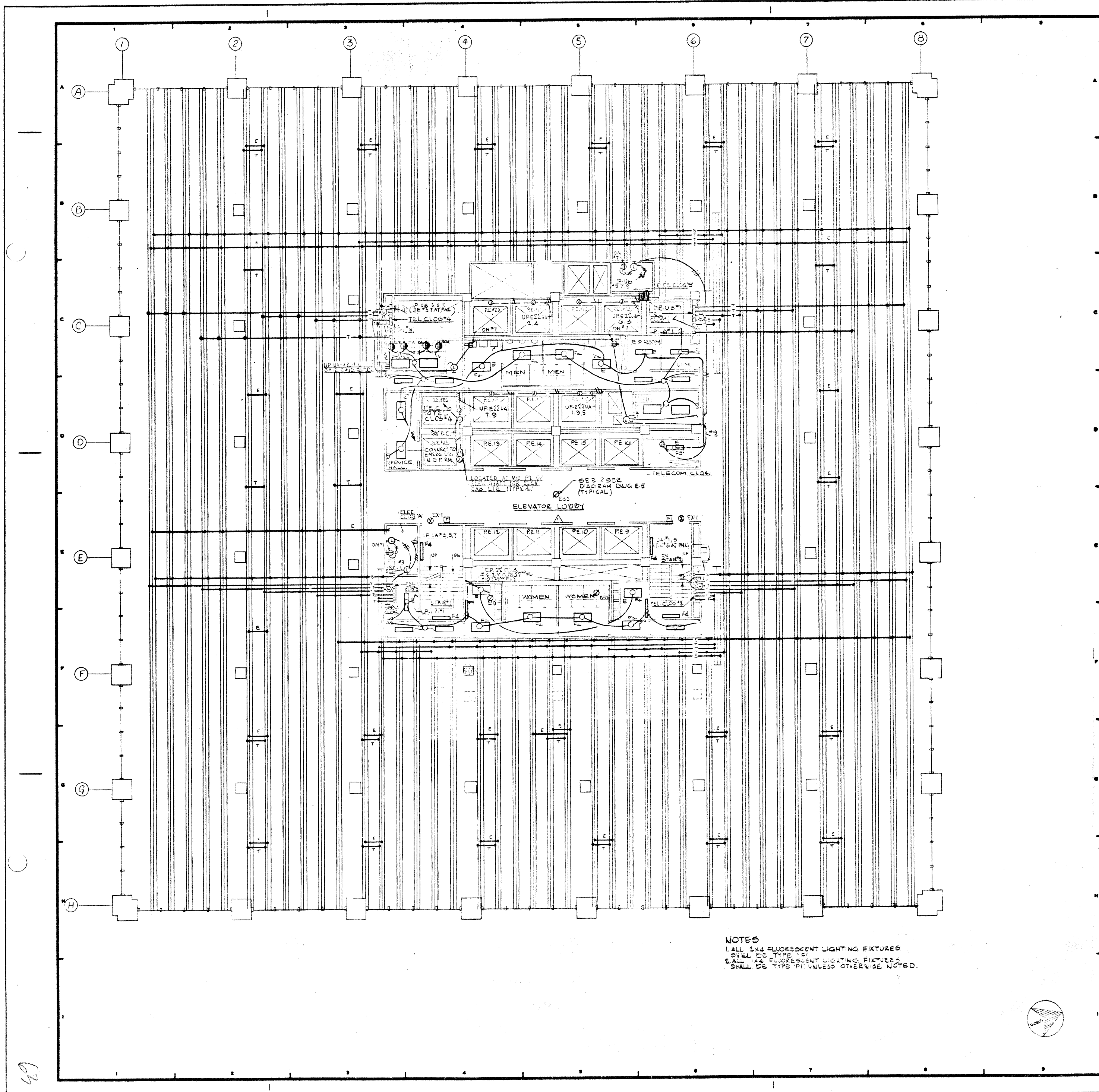
**A FISHER BROTHERS PROJECT**  
 GREENWICH AND LIBERTY ST. N.Y. N.Y.  
**SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS**  
 475 PARK AVENUE SOUTH N.Y. N.Y. 10016  
**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
 919 THIRD AVENUE N.Y. N.Y. 10022  
**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**  
 315 MADISON AVENUE N.Y. N.Y. 10022  
**JAROS, BAUM & BOLLES MECHANICAL ENGINEERS**  
 345 PARK AVENUE N.Y. N.Y. 10022

24<sup>TH</sup> THRU 29<sup>TH</sup> FLOOR ELECTRICAL

PROJECT NUMBER	7101
DRAWING NUMBER	E-52
DATE	
SCALE	



1/29



NOTES  
 1. ALL 2x4 FLUORESCENT LIGHTING FIXTURES SHALL BE TYPE 141.  
 2. ALL 1x4 FLUORESCENT LIGHTING FIXTURES SHALL BE TYPE 141 UNLESS OTHERWISE NOTED.

REVISIONS		
NO.	DATE	DESCRIPTION
12-21-78		GENERAL UPDATE

ISSUED TO: NO. DATE PKG. NO.

**A FISHER BROTHERS PROJECT**

GREENWICH AND LIBERTY ST. N.Y. N.Y.

SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS  
 475 PARK AVENUE SOUTH N.Y. N.Y. 10016

PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS  
 919 THIRD AVENUE N.Y. N.Y. 10022

THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS  
 315 MADISON AVENUE N.Y. N.Y. 10022

J. A. ROS, BAUM & BOLLES MECH. & ELEC. ENGINEERS  
 345 PARK AVENUE N.Y. N.Y. 10022

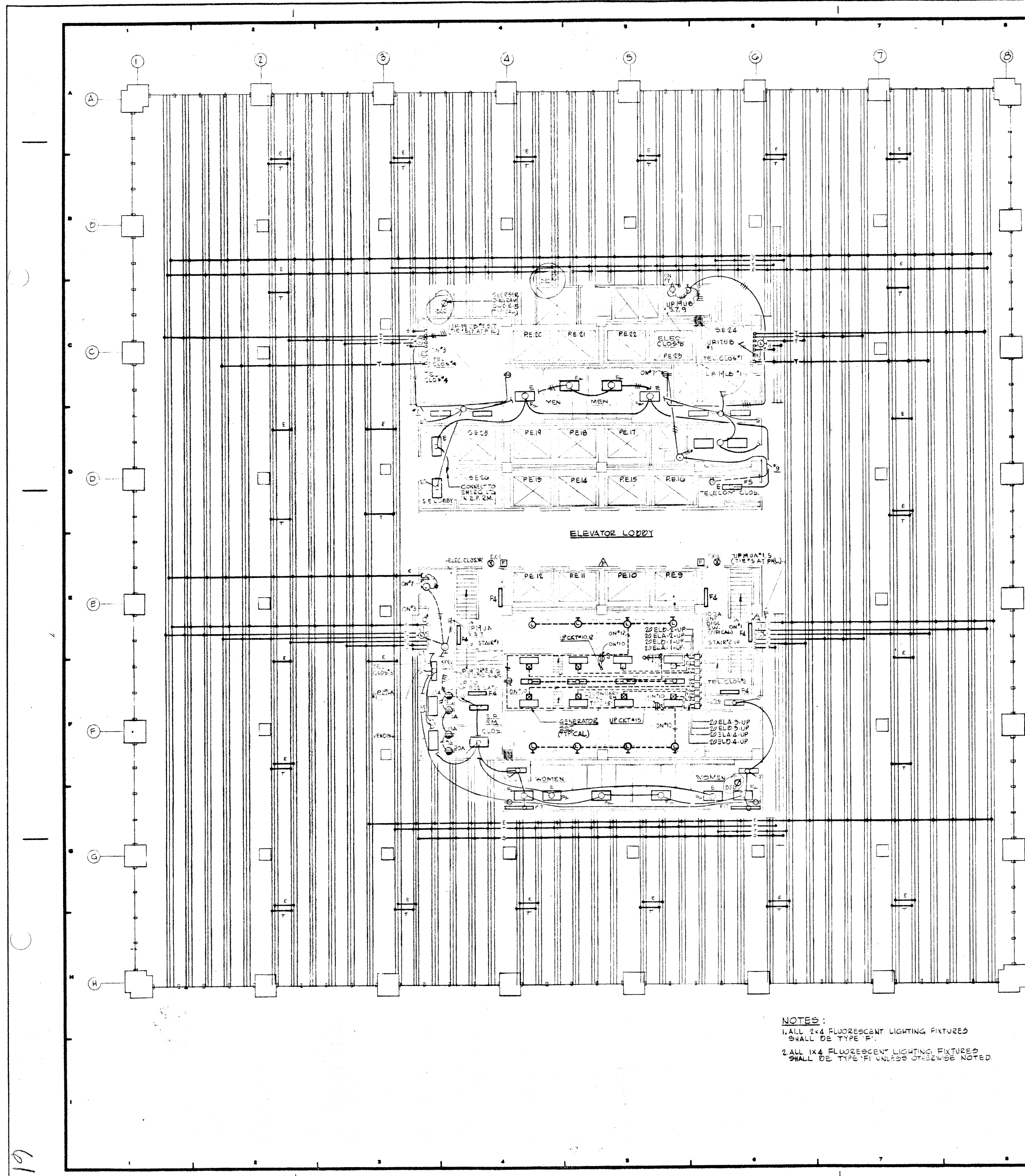
21<sup>ST</sup> THRU 23<sup>RD</sup> FLOOR ELECTRICAL

PROJECT NUMBER	7101
DRAWING NUMBER	E-51
DATE	1-1-79
SCALE	1/8" = 1'-0"



62





NOTES:  
 1. ALL 2'x4' FLUORESCENT LIGHTING FIXTURES SHALL BE TYPE "E".  
 2. ALL 1'x4' FLUORESCENT LIGHTING FIXTURES SHALL BE TYPE "F1" UNLESS OTHERWISE NOTED.

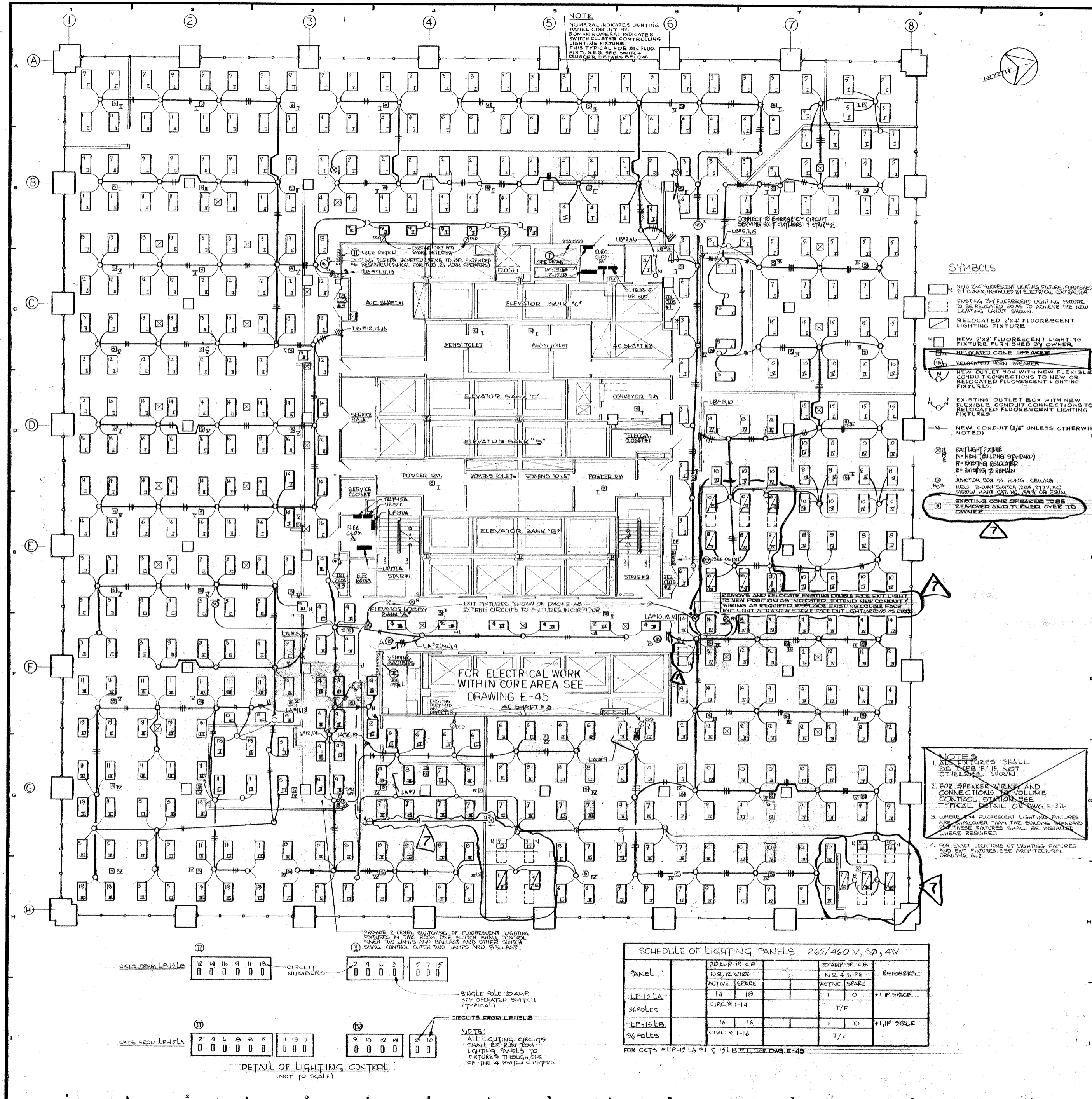
12-21-78	GENERAL UPDATE	
REVISIONS		
NO.	DATE	DESCRIPTION
ISSUED TO	NO.	DATE
	PKG. NO.	
ELECTRICAL SYMBOLS THROUGHOUT		
BLAZA		
<b>A FISHER BROTHERS PROJECT</b>		
GREENWICH AND LIBERTY ST. N.Y. N.Y.		
SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS		
475 PARK AVENUE SOUTH N.Y. N.Y. 10016		
PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS		
919 THIRD AVENUE N.Y. N.Y. 10022		
THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS		
515 MADISON AVENUE N.Y. N.Y. 10022		
J. A. ROSS, BAUM & BOLLES MECHANICAL ENGINEERS		
345 PARK AVENUE N.Y. N.Y. 10022		

19TH FLOOR ELECTRICAL

PROJECT NUMBER	7101
DRAWING NUMBER	E-43
DATE	12-21-78
SCALE	1" = 10'-0"

69





REVISIONS		
NO.	DATE	DESCRIPTION
1	5-3-73	GENERAL REVISION
2	11-19-73	REVISED HORN SPEAKERS
3	1-9-74	REWORKING OF LIGHTING FOR ENERGY CONSERVATION
4	9-22-78	REVISED LIGHTING AND RELOCATED SPEAKERS AS CIRCLED DUE TO ARCHITECTURAL REVISIONS
5	9-29-78	REVISED AS PER ARCH. COMMENTS
6	3-26-79	REVISED AS PER BANKERS TRUST COMPANY DRAWING A-2 DATED 3/27/79
7	5-18-79	REVISED AS PER SHREVE LAMB & HARMON ASSOCIATES DRAWING DATED 5/10/79

ISSUED TO NO. DATE PKG. NO.

**BANKERS TRUST PLAZA**

**A FISHER BROTHERS PROJECT**

GREENWICH AND LIBERTY ST. N.Y. N.Y.

**SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS**  
 475 PARK AVENUE SOUTH N.Y. N.Y. 10016

**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
 919 THIRD AVENUE N.Y. N.Y. 10022

**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**  
 515 MADISON AVENUE N.Y. N.Y. 10022

**JAROS, BAUM & BOLLE'S MECHANICAL ENGINEERS**  
 345 PARK AVENUE N.Y. N.Y. 10022

**15TH FLOOR PLAN LIGHTING**

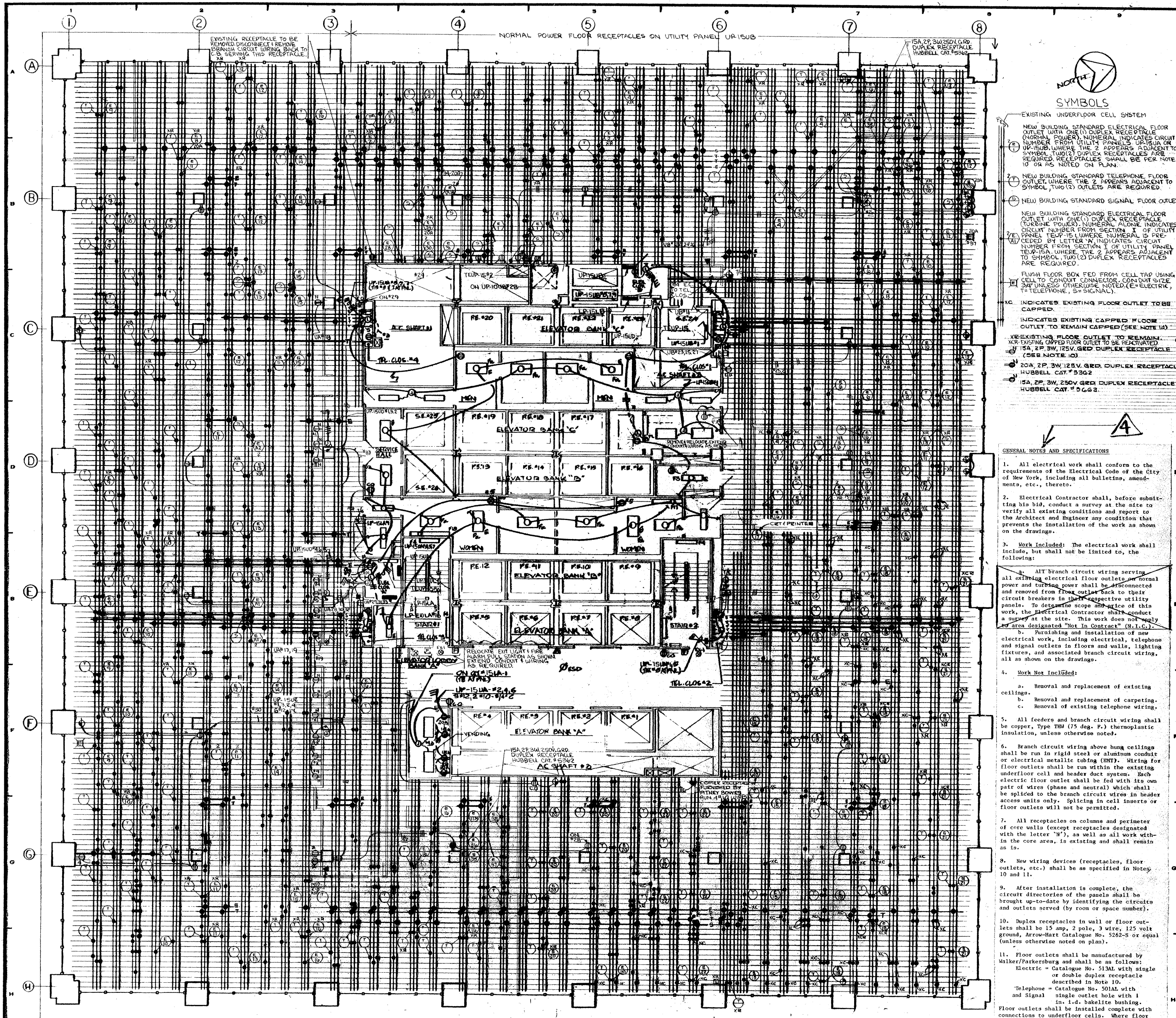
PROJECT NUMBER  
**7101**

DRAWING NUMBER  
**E-45L**

DATE  
**9-19-72**

SCALE  
**1/8" = 1'-0"**





REVISIONS		
NO.	DATE	DESCRIPTION
1	9-29-78	REVISED AS PER ARCH. COMMENTS
2	3-26-79	REVISED AS PER ARCH. COMMENTS
3	5-18-79	REVISED AS PER SHEETS LAMB LAMB HARMON ASSOCIATES DRAWING DATED 5/10/79
4	7-15-79	ISSUED IN CONNECTION WITH DRAWINGS E-40 REVISIONS 2 AND E-40A REVISIONS 2 AND 3. SPECIFICATIONS ONLY. NO WORK IS TO BE PERFORMED ON THE 15TH FLOOR.

**SYMBOLS**

- EXISTING UNDERFLOOR CELL SYSTEM
- NEW BUILDING STANDARD ELECTRICAL FLOOR OUTLET WITH ONE (1) DUPLEX RECEPTACLE (ENGINEER'S NUMBER INDICATES CIRCUIT NUMBER FROM UTILITY PANELS UP-15UA OR UP-15UB. TWO (2) DUPLEX RECEPTABLES ARE REQUIRED. SYMBOLS SHALL BE PER NOTE 10 OR AS NOTED ON PLAN.
- NEW BUILDING STANDARD TELEPHONE FLOOR OUTLET WITH ONE (1) DUPLEX RECEPTACLE (ENGINEER'S NUMBER INDICATES CIRCUIT NUMBER FROM UTILITY PANELS UP-15UA OR UP-15UB. TWO (2) DUPLEX RECEPTABLES ARE REQUIRED.
- NEW BUILDING STANDARD SIGNAL FLOOR OUTLET WITH ONE (1) DUPLEX RECEPTACLE (ENGINEER'S NUMBER INDICATES CIRCUIT NUMBER FROM UTILITY PANELS UP-15UA OR UP-15UB. TWO (2) DUPLEX RECEPTABLES ARE REQUIRED.
- FLUSH FLOOR BOX FED FROM CELL TAP USING CELL TO CONDUIT CONNECTOR. CONDUIT SIZE 3/4" UNLESS OTHERWISE NOTED (E=ELECTRIC, T=TELEPHONE, S=SIGNAL)
- INDICATES EXISTING FLOOR OUTLET TO BE CAPPED
- INDICATES EXISTING FLOOR OUTLET TO REMAIN CAPPED (SEE NOTE 10)
- EXISTING FLOOR OUTLET TO REMAIN. EXISTING UNDERFLOOR OUTLET TO BE REACTIVATED
- ISA 2P, 3W, 125V, 3RD DUPLEX RECEPTACLE (SEE NOTE 10)
- ISA 2P, 3W, 125V, 3RD DUPLEX RECEPTACLE HUBBELL CAT # 5662
- ISA 2P, 3W, 250V GED DUPLEX RECEPTACLE HUBBELL CAT # 5662

**GENERAL NOTES AND SPECIFICATIONS**

1. All electrical work shall conform to the requirements of the Electrical Code of the City of New York, including all bulletins, amendments, etc., thereto.
2. Electrical Contractor shall, before submitting his bid, conduct a survey at the site to verify all existing conditions and report to the Architect and Engineer any condition that prevents the installation of the work as shown on the drawings.
3. Work Included: The electrical work shall include, but shall not be limited to, the following:
  - a. All branch circuit wiring serving all existing electrical floor outlets, normal power and lighting power shall be reconnected and removed from floor outlets back to their circuit breakers in sheet-protective utility panels. To determine scope and extent of this work, the Electrical Contractor shall conduct a survey at the site. This work does not include any area designated "Not in Contract" (N.I.C.).
  - b. Reconnecting and installation of new electrical work, including electrical, telephone and signal outlets in floors and walls, lighting fixtures, and associated branch circuit wiring, all as shown on the drawings.
4. Work Not Included:
  - a. Removal and replacement of existing ceilings.
  - b. Removal and replacement of carpeting.
  - c. Removal of existing telephone wiring.
5. All feeders and branch circuit wiring shall be copper, Type THW (75 deg. F.) thermoplastic insulation, unless otherwise noted.
6. Branch circuit wiring above hung ceilings shall be run in rigid steel or aluminum conduit or electrical metallic tubing (EMT). Wiring for floor outlets shall be run within the existing underfloor coil and header duct system. Each electric floor outlet shall be fed with its own pair of wires (phase and neutral) which shall be spliced to the branch circuit wires in header access units only. Splicing in coil inserts or floor outlets will not be permitted.
7. All receptacles on columns and perimeter of core walls (except receptacles designated with the letter "N"), as well as all work within the core area, is existing and shall remain as is.
8. New wiring devices (receptacles, floor outlets, etc.) shall be as specified in Notes 10 and 11.
9. After installation is complete, the circuit directories of the panels shall be brought up-to-date by identifying the circuits and outlets served (by room or space number).
10. Duplex receptacles in wall or floor outlets shall be 15 amp, 2 pole, 3 wire, 125 volt ground, Arrow-Hart Catalogue No. 5262-S or equal (unless otherwise noted on plan).
11. Floor outlets shall be manufactured by Walker/Parkersburg and shall be as follows:
  - Electric - Catalogue No. 513AL with single or double duplex receptacle described in Note 10.
  - Telephone - Catalogue No. 501AL with single outlet hole with 1 in. I.D. bakelite bushing.
 Floor outlets shall be installed complete with connections to underfloor coils. Where floor outlets are disconnected and removed, the coil inserts shall be capped by means of stainless steel blanking plates as manufactured by Walker/Parkersburg, Catalogue No. 1043 for 2 in. inserts or as required.
12. For area designated "Not in Contract", the Electrical Contractor shall provide for continuity of service to all electric floor outlets affected by removal of branch circuits in Contract area (\_\_\_\_\_).
13. Exact locations of all wall and floor outlets will be as shown on architectural drawings.
14. For existing capped floor outlets to remain, the following shall be done:
  - WHERE CARPET FLANGES ARE PRESENTLY INSTALLED, THEY SHALL BE REMOVED AND A THREADED CAP INSTALLED INTO THE TOP OF THE CELL INSERT. FLUSH WITH CONCRETE FLOOR (ONLY IN AREAS WHERE THE CARPETING IS TO BE REMOVED).

**SCHEDULE OF UTILITY PANELS 120/208V 3Ø 4W**

PANEL	ISA 1P CB		20A 1P CB		ISA 2P CB		30A 1P CB		REMARKS
	ACTIVE	SPARE	ACTIVE	SPARE	ACTIVE	SPARE	ACTIVE	SPARE	
UP-15UA	21	2	4	1	4	-	4	-	
42 POLES	CIR # 1, 2, 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		CIR # 33, 34, 35, 36, 37, 38		CIR # 39, 40, 41, 42		CIR # 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100		1, 200, 2P, CB, 100
UP-15UB	28	1	7	1	2	-	-	-	
42 POLES	CIR # 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200		CIR # 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300						
UP-15UC	5	19	2	16	-	-	-	-	
42 POLES									
UP-15UD	-	6	-	32	2	-	-	-	
42 POLES									

**SCHEDULE OF UTILITY PANELS 120/208V 3Ø 4W (TURBINE EXTENSION)**

PANEL	MAIN CIRCUIT BREAKER	ISA 1P CB		20A 1P CB		30A 1P CB		REMARKS
		ACTIVE	SPARE	ACTIVE	SPARE	ACTIVE	SPARE	
TEUP-15	-	-	-	13	29	-	-	
42 POLES								
TEUP-15A	125A-3P	10	6	18	2	-	-	
42 POLES								

\* BRANCH CIRCUITS UP-20, 22, UP-15 (17) (14) ARE CURRENTLY 20AMP POLE CIRCUIT BREAKERS, REMOVE THESE CIRCUIT BREAKERS, AND FINISH AND INSTALL SINGLE NEW 15AMP POLE CIRCUIT BREAKERS. CIRCUIT HEAD CURRENTLY CONSIST OF A 30A 1P CB AND A 1P SPARE REMOVE BOTH CB AND SPARE AND INSTALL A NEW 30A 2P CB IN ITS PLACE.

SCHEDULES SHOWN ARE FOR INFORMATION ONLY - EXACT NUMBER OF ACTIVE AND SPARE CIRCUITS TO BE DETERMINED AS PART OF THIS CONTRACT.

15. WHERE AN EXISTING FLOOR OUTLET IS SHOWN TO BE REMOVED AND CAPPED (DESIGNATED) THE FLOOR HEAD SHALL BE REMOVED AND CELL INSERT CAPPED PER NOTE 14. FOR ELECTRICAL OUTLETS, WIRING SHALL BE REMOVED FROM CELL BACK TO SPICE POINT IN HEADER DUCT ACCESS UNIT.
16. WHERE EXISTING CAPPED FLOOR OUTLET IS SHOWN TO BE REACTIVATED THE CAP OR PLUG OF THE CELL INSERT OF FLOOR BOX SHALL BE REMOVED AND THE DESIGNATED FLOOR HEAD INSTALLED COMPLETE WITH RECEPTACLE AND WIRING, OR IN THE CASE OF A TELEPHONE OUTLET A TYPICAL TELEPHONE FLOOR HEAD.

ISSUED TO	NO.	DATE	PKG. NO.
<b>BANKERS TRUST PLAZA</b>			
<b>A FISHER BROTHERS PROJECT</b>			
GREENWICH AND LIBERTY ST. N.Y. N.Y.			
SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS 475 PARK AVENUE SOUTH N.Y. N.Y. 10016			
PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS 919 THIRD AVENUE N.Y. N.Y. 10022			
THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS 515 MADISON AVENUE N.Y. N.Y. 10022			
J. A. ROSS, BAUM & BOLLES MECHANICAL ENGINEERS 345 PARK AVENUE N.Y. N.Y. 10022			

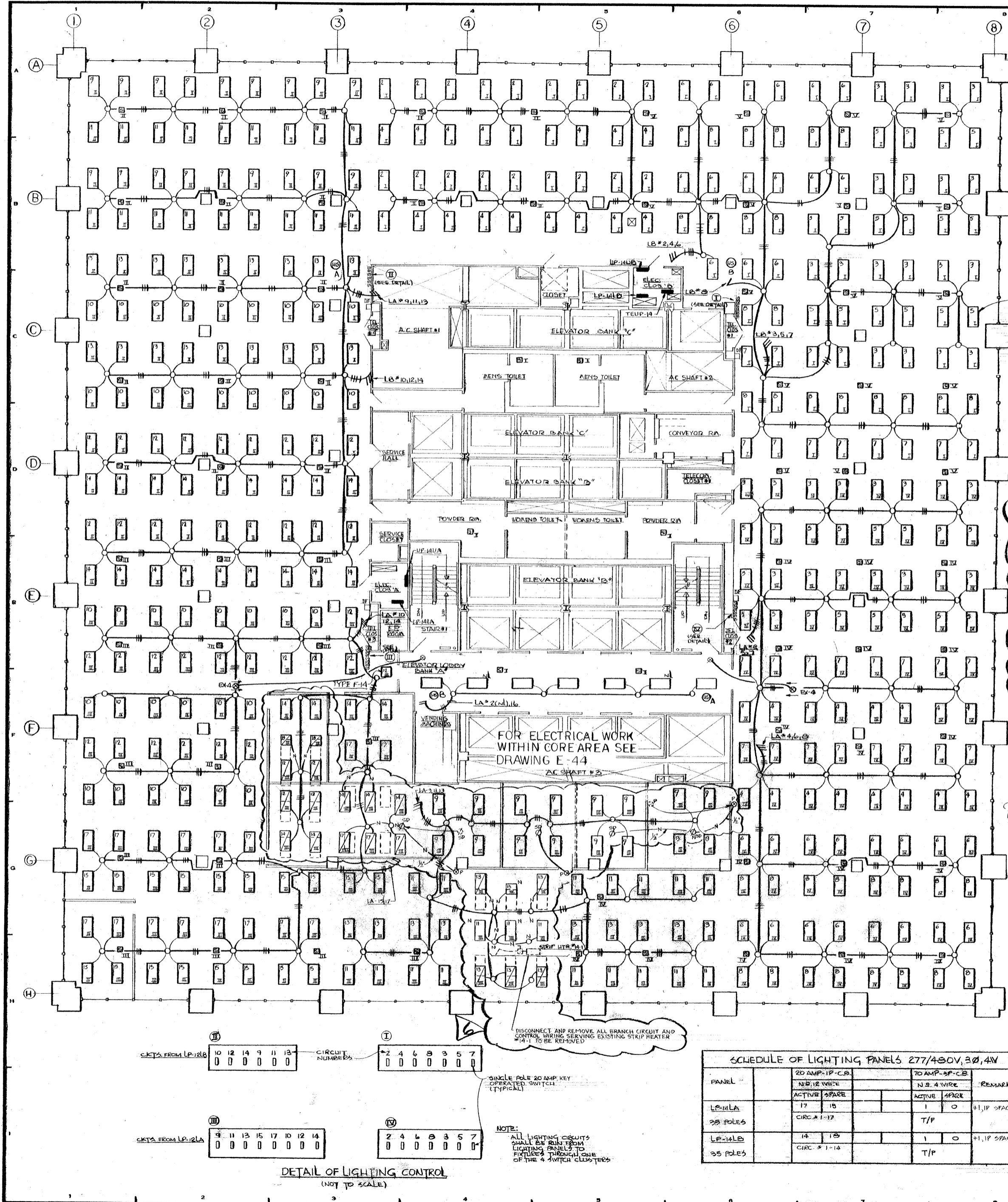
**15TH FLOOR PLAN POWER**

PROJECT NUMBER  
**7101**

DRAWING NUMBER  
**E-45**

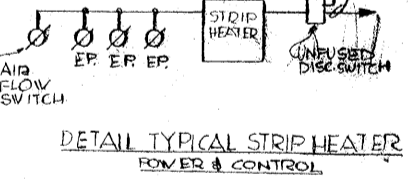
DATE  
SEPT. 22, 1978

SCALE  
1/8"=1'-0"

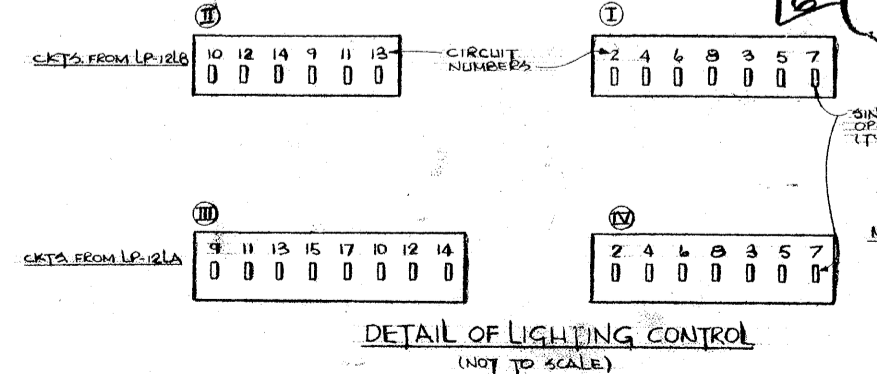


NOTE:  
 NUMERAL INDICATES LIGHTING PANEL CIRCUIT NO.  
 ROMAN NUMERAL INDICATES SWITCH CLUSTER CONTROLLING LIGHTING FIXTURE. THIS IS TYPICAL FOR ALL FLOOR FIXTURES.  
 SEE SWITCH CLUSTER DETAILS BELOW.

- ALTERATION SYMBOL LIST**
- ☐ RELOCATED 2'x4' FLUORESCENT LIGHTING FIXTURE
  - ☐ RELOCATED 2'x2' FLUORESCENT LIGHTING FIXTURE
  - ☐ NEW 2'x4' FLUORESCENT LIGHTING FIXTURE (FURNISHED BY OWNER INSTALLED BY ELECTRICAL CONTRACTOR)
  - ☐ NEW 2'x2' FLUORESCENT LIGHTING FIXTURE (FURNISHED BY OWNER INSTALLED BY ELECTRICAL CONTRACTOR)
  - ☐ NEW OUTLET BOX WITH NEW FLEXIBLE CONDUIT CONNECTIONS TO NEW OR RELOCATED FLUORESCENT LIGHTING FIXTURES
  - ☐ EXISTING OUTLET BOX WITH NEW FLEXIBLE CONDUIT CONNECTIONS TO RELOCATED FLUORESCENT LIGHTING FIXTURES
  - N- NEW CONDUIT (3/4" UNLESS OTHERWISE NOTED)
  - ☐ NEW CLC-PTD SMOKE DETECTOR (SAME AS EXIST)
  - ☐ EXISTING CLC-PTD SMOKE DETECTOR TO BE RELOCATED AS SHOWN
  - ☐ EXISTING CLC-PTD SMOKE DETECTOR TO REMAIN
  - ☐ EXISTING PULSE LIGHT TO REMAIN
  - ☐ EXISTING PULSE LIGHT TO BE RELOCATED AS SHOWN



NOTES:  
 1. ALL FIXTURES SHALL BE TYPE 'F' IF NOT OTHERWISE SHOWN.  
 2. FOR SPEAKER WIRING AND CONNECTIONS TO VOLUME CONTROL STATION SEE TYPICAL DETAIL ON DWG. E-271.



**SCHEDULE OF LIGHTING PANELS 277/480V, 3Ø, 4W**

PANEL	20 AMP-1P-C.B.		70 AMP-3P-C.B.		REMARKS
	N.S. # WIRE	ACTIVE SPARE	N.S. # WIRE	ACTIVE SPARE	
LP-1A	17	15	1	0	+1, 1P SPACE
35 POLES	CIRC. # 1-17		T/F		
LP-1A-B	14	15	1	0	+1, 1P SPACE
35 POLES	CIRC. # 1-14		T/F		

**REVISIONS**

NO.	DATE	DESCRIPTION
1	12-8-72	REVISED AS CIRCLED, ACCORDING TO S.L.H. DWG. # AC-12 REVISION #1 DATED 10-24-72
2	2-10-73	STRIP HEATER ACTUALIZED, FIXTURE TYPES ADDED
3	8-3-73	SPEAKERS & EXIT FIXTURES ADDED
4	11-19-73	REVISED HORN SPEAKERS
5	1-7-74	DE-CIRCUITING OF LIGHTING FOR ENERGY CONSERVATION
6	1-16-79	REVISED AND ADDED VTC AS CIRCLED, DELETED STRIP HEATER 14-1

**BANKERS TRUST PLAZA**  
**A FISHER BROTHERS PROJECT**  
 GREENWICH AND LIBERTY ST. N.Y. N.Y.  
**SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS**  
 475 PARK AVENUE SOUTH N.Y. N.Y. 10016  
**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
 919 THIRD AVENUE N.Y. N.Y. 10022  
**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**  
 515 MADISON AVENUE N.Y. N.Y. 10022  
**J. A. ROS, BAUM & BOLLES MECHANICAL ENGINEERS**  
 345 PARK AVENUE N.Y. N.Y. 10022

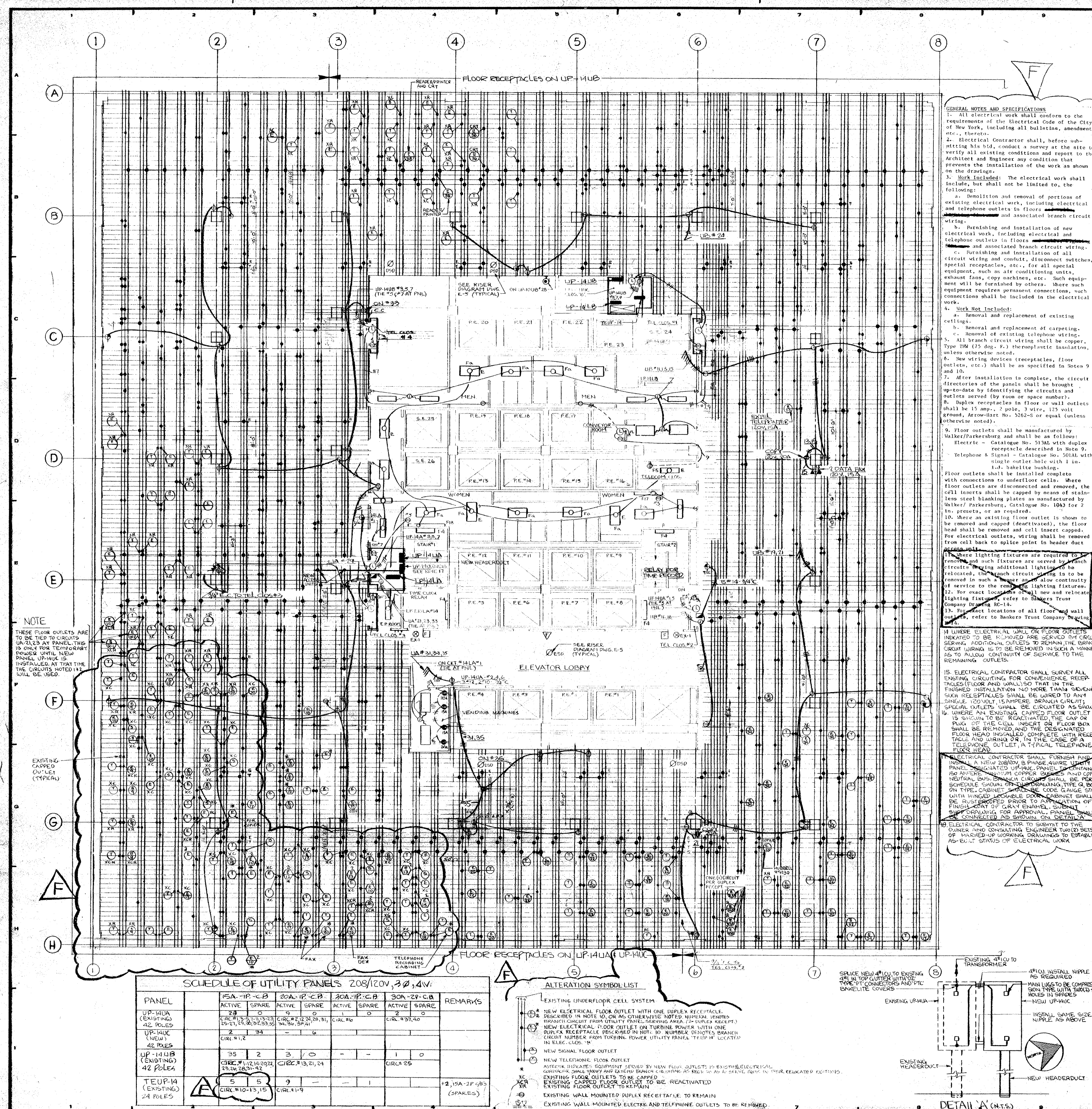
**14TH FLOOR PLAN LIGHTING**

PROJECT NUMBER  
**7101**

DRAWING NUMBER  
**E-44L**

DATE  
**9-19-72**

SCALE  
**1/8" = 1'-0"**



**GENERAL NOTES AND SPECIFICATIONS**

- All electrical work shall conform to the requirements of the Electrical Code of the City of New York, including all notices, amendments, etc., thereto.
- Electrical Contractor shall, before submitting his bid, conduct a survey at the site to verify all existing conditions and report to the Architect and Engineer any condition that prevents the installation of the work as shown on the drawings. The electrical work shall include, but shall not be limited to, the following:
  - Demolition and removal of portions of existing electrical work, including electrical and telephone outlets in floors and associated branch circuit wiring.
  - Purchasing and installation of new electrical work, including electrical and telephone outlets in floors and associated branch circuit wiring.
  - Purchasing and installation of all circuit wiring and conduit, disconnect switches, special receptacles, etc., for all special equipment, such as air conditioning units, exhaust fans, copy machines, etc. Such equipment will be furnished by others. Where such equipment requires permanent connections, such connections shall be included in the electrical work.
- Work Not Included:
  - Removal and replacement of existing ceilings.
  - Removal and replacement of existing wiring.
  - Removal of existing telephone wiring.
- All branch circuit wiring shall be copper, Type THW (15 deg. F.) thermoplastic insulation, unless otherwise noted.
- New wiring devices (receptacles, floor outlets, etc.) shall be as specified in Notes 9 and 10.
- After installation is complete, the circuit directories of the panels shall be brought up-to-date by identifying the circuits and outlets served (by room or space number).
- Duplicate receptacles in floor or wall outlets shall be 15 amp., 2 pole, 3 wire, 125 volt ground, Arrow-Start No. 5262-S or equal (unless otherwise noted).
- Floor outlets shall be manufactured by Walker/Parkersburg and shall be as follows:
  - Electric - Catalogue No. 515AL with duplex receptacle described in Note 9.
  - Telephone A Signal - Catalogue No. 501AL with single outlet hole with 1 in. x 1 in. bakelite bushing.
- Floor outlets shall be installed complete with connections to underfloor cells. Where floor outlets are disconnected and removed, the cell inserts shall be capped by means of stainless steel blanking plates as manufactured by Walker/Parkersburg, Catalogue No. 1043 for 1 in. inserts, or as required.
- Where an existing floor outlet is shown to be removed and capped (deactivated), the floor head shall be removed and cell insert capped. For electrical outlets, wiring shall be removed from cell back to header duct in header duct.
- Where lighting fixtures are required to be removed and such fixtures are served by branch circuits having additional lighting to be relocated, the branch circuit wiring is to be covered in such manner as to maintain continuity of service to the remaining lighting fixtures.
- For exact locations of new and relocated lighting fixtures refer to Bankers Trust Company Drawing RC-10.
- Propose locations of all floor and wall outlets refer to Bankers Trust Company Drawing RC-10.
- WHERE ELECTRICAL WALL OR FLOOR OUTLETS ARE TO BE REMOVED AND SERVED BY CIRCUITS SERVED BY ADDITIONAL LIGHTING TO BE RELOCATED, THE BRANCH CIRCUIT WIRING IS TO BE COVERED IN SUCH MANNER AS TO MAINTAIN CONTINUITY OF SERVICE TO THE REMAINING OUTLETS.
- ELECTRICAL CONTRACTOR SHALL SURVEY ALL EXISTING CIRCUITING FOR CONVENIENCE RECEPTACLES AND WIRING SO THAT IN THE FINISHED INSTALLATION NO MORE THAN SEVENTY (70) AMPERE BRANCH CIRCUITS SHALL BE INSTALLED PER SINGLE 100-VOLT 15 AMPERE BRANCH CIRCUIT. SPECIAL OUTLETS SHALL BE CIRCUITED AS SHOWN ON DRAWING. EXISTING CAPTED FLOOR OUTLET IS TO BE REACTIVATED. THE CAP OR PLUG AND THE CELL INSERT OR FLOOR BOX SHALL BE REMOVED AND THE DESIGNATED FLOOR HEAD INSTALLED COMPLETE WITH RECEPTACLE AND WIRING. IN THE CASE OF A TELEPHONE OUTLET, A TYPICAL TELEPHONE PLUG IS TO BE INSTALLED.
- ELECTRICAL CONTRACTOR SHALL FURNISH PANELS AND NEW 208/120V 3 PHASE WIRING SYSTEMS. ALL WIRING SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE. ALL WIRING SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE. ALL WIRING SHALL BE INSTALLED IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE.
- ELECTRICAL CONTRACTOR TO SUBMIT TO THE OWNER AND CONSULTING ENGINEER TWO (2) SETS OF HUNG UP WORKING DRAWINGS TO ESTABLISH RESULT STATUS OF ELECTRICAL WORK.

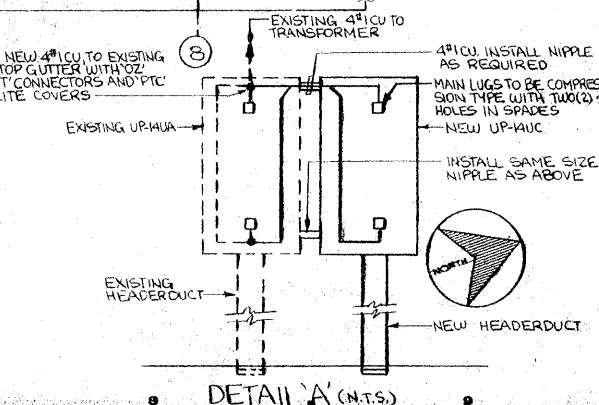
**NOTE**  
THESE FLOOR OUTLETS ARE TO BE TIED TO CIRCUITS UP-14UB AT PANEL THIS IS ONLY FOR TEMPORARY POWER UNTIL NEW PANEL UP-14UB IS INSTALLED AT THAT TIME THE CIRCUITS NOTED WILL BE USED.

EXISTING CAPTED OUTLET (TYPICAL)

**SCHEDULE OF UTILITY PANELS 208/120V, 3Ø, 4W**

PANEL	15A-1P-C-B		20A-1P-C-B		30A-1P-C-B		30A-2P-C-B		REMARKS
	ACTIVE	SPARE	ACTIVE	SPARE	ACTIVE	SPARE	ACTIVE	SPARE	
UP-14UA (EXISTING) 42 POLES	23	0	9	0	0	0	0	0	
UP-14UB (NEW) 42 POLES	2	33							
UP-14UB (EXISTING) 42 POLES	35	2	3	0			1	0	
TEUP-14 (EXISTING) 24 POLES	3	5	9						12, 15A-2P-C-B (SPARES)

- ALTERATION SYMBOL LIST**
- NEW ELECTRICAL FLOOR OUTLET WITH ONE DUPLEX RECEPTACLE DESCRIBED IN NOTE 10, OR AS OTHERWISE NOTED. MINIMAL WIRING PROVIDED FROM UTILITY PANEL. (SEE AREA OF SYMBOL RECEPT.)
  - NEW ELECTRICAL FLOOR OUTLET ON TURBINE POWER WITH ONE DUPLEX RECEPTACLE DESCRIBED IN NOTE 10. NUMBER DENOTES BRANCH CIRCUIT NUMBER FROM TURBINE POWER UTILITY PANEL. THIS IS LOCATED IN ELECT. CLOS. 14.
  - NEW SIGNAL FLOOR OUTLET
  - NEW TELEPHONE FLOOR OUTLET
  - ASPECTS INDICATE EQUIPMENT SERVED BY NEW FLOOR OUTLETS IS INSTALLED ELECTRICAL CONTRACTOR SHALL VERIFY AND EXTEND BRANCH CIRCUITING TO ALL SERVICE POINTS IN THEIR RESPECTIVE PORTIONS.
  - EXISTING FLOOR OUTLETS TO BE CAPPED
  - EXISTING FLOOR OUTLETS TO BE REACTIVATED
  - EXISTING FLOOR OUTLET TO REMAIN
  - EXISTING WALL MOUNTED DUPLEX RECEPTACLE TO REMAIN
  - EXISTING WALL MOUNTED ELECTRIC AND TELEPHONE OUTLETS TO BE REMOVED



**REVISIONS**

NO.	DATE	DESCRIPTION
A	11-7-72	ADDED ELECTRICAL TELEPHONE & SIGNAL INDICATIONS
B	7-2-73	ADDED FLOOR MOUNTED OUTLETS & DIMENSIONED TO THE GRID
C	2-3-73	ADDED ELECTRICAL RECEPTACLE IN CONVEYOR ROOM
D	1-16-77	ADDED WALL MOUNTED OUTLETS IN CORE & OTHER TENANT AREAS
E	5-21-80	ADDED ALL WIRING ETC. FOR ELECTRICAL INSTALLATION
F	12-19-80	REVISED AND ADDED FLOOR OUTLETS, ADDED NOTES AND GENERAL SPECIFICATIONS

**REVISIONS**

NO.	DATE	DESCRIPTION	PKG. NO.
B.T.G.	10	2-20-75	PC 20050
B.T.G.	1	6-19-74	PC 52045
B.T.G.	1	5-19-74	PC 30074
CON. EL.	2	4-18-74	PC 30036
CON. EL.	2	4-2-74	PC 24777
EL. D.	1	3-19-74	PC 24574
B.T.	1	2-26-74	PC 24024
B.T. ELECTRIC GEN.	1	2-2-74	PC 21225
B.T.W.	2	1-23-74	PC 24213
B.T.W.	1	1-16-74	PC 24204
B.W.	30+	8-3-73	PC 26628
REVISION C	1000	7-3-73	PC 24651
REVISION B	7-2-73		PC 25332
C.N.K.	1	2-28-75	PC 25332
B.T.G.	1	2-13-75	PC 25132
B.T.G.	2+	11-7-72	PC 24065
B.T.W.	12+	11-7-72	PC 24066
REVISION A	11-7-72		
B.T.	8+	10-14-72	PC 24055
B.T.	10+	10-14-72	PC 24056

**BANKERS TRUST PLAZA**

**A FISHER BROTHERS PROJECT**

GREENWICH AND LIBERTY ST. N.Y. N.Y.

**SHRIVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS**  
475 PARK AVENUE SOUTH N.Y. N.Y. 10016

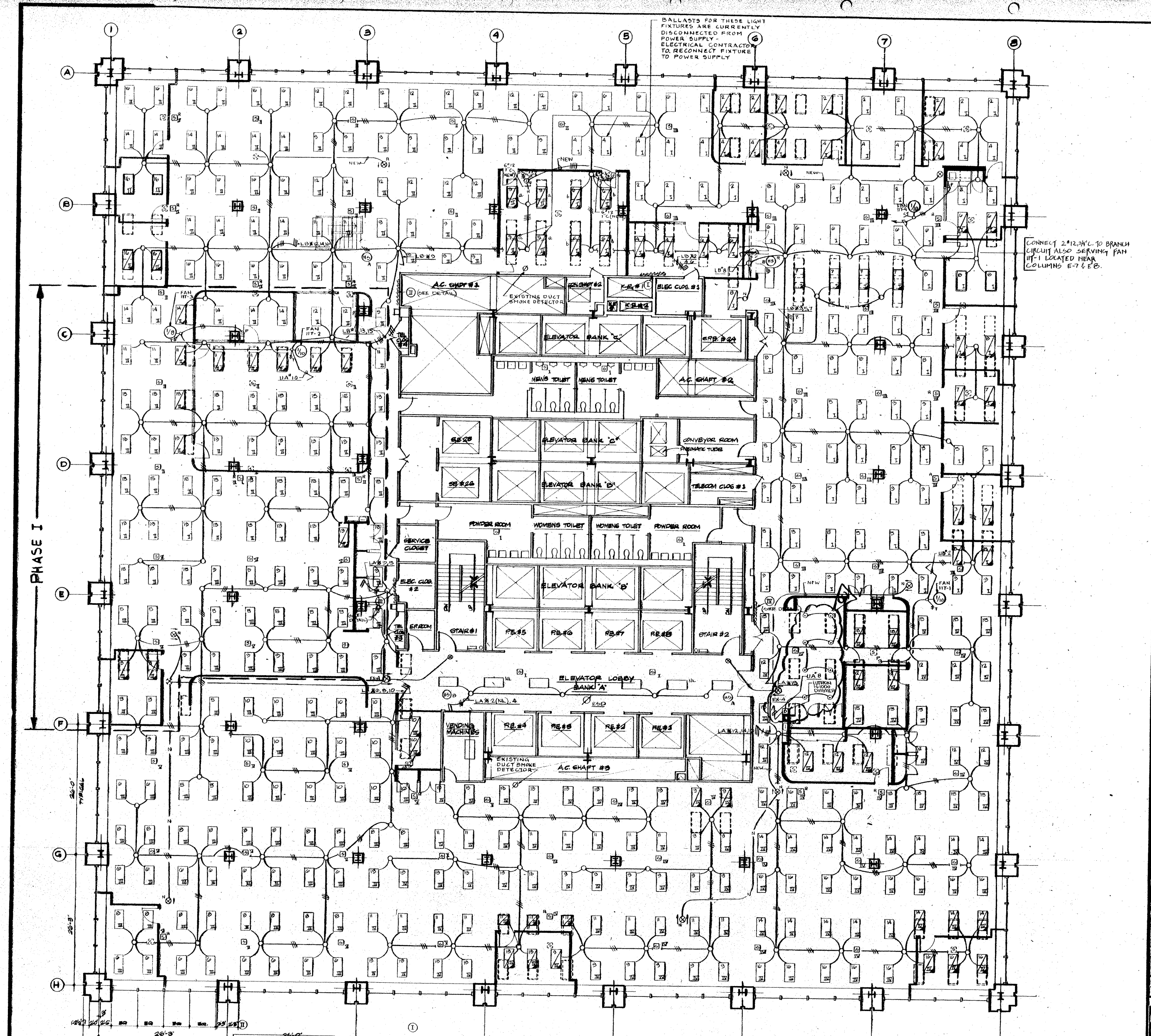
**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
919 THIRD AVENUE N.Y. N.Y. 10022

**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**  
313 MADISON AVENUE N.Y. N.Y. 10022

**JAROS, BAUM & BOLLES MECHANICAL ENGINEERS**  
345 PARK AVENUE N.Y. N.Y. 10022

**14th FLOOR PLAN POWER**

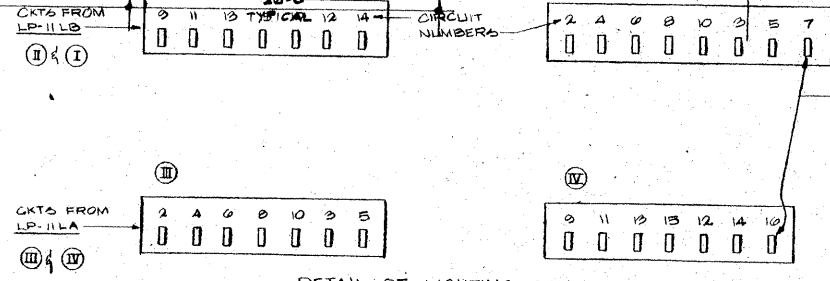
PROJECT NUMBER	7101
DRAWING NUMBER	E-44
DATE	OCT 24, 1972
SCALE	1" = 1'-0"



BALLASTS FOR THESE LIGHT FIXTURES ARE CURRENTLY DISCONNECTED FROM POWER SUPPLY - ELECTRICAL CONTRACTOR TO RECONNECT FIXTURE TO POWER SUPPLY

CONNECT 2" R.W.C. TO BRANCH CIRCUIT ALSO SERVING FAN #11-1 LOCATED NEAR COLUMNS E-7 & E-8.

PHASE I



PANEL	MAIN SWITCH FUSE	20A-1Ø-C/B	30A-3Ø-C/B	70A-3Ø-C/B	REMARKS
LP-111A (EXISTING)	3Ø 200A 150A	15	17	1	+1-1Ø SPACES
LP-111B (EXISTING)	3Ø 200A 150A	15	17	1	+1-1Ø SPACES
LP-111A (EXISTING)	3Ø 100A 100A	17	5	1	+3-1Ø SPACES

JAROS, BAUM & BOLLES CONSULTING ENGINEERS 345 PARK AVENUE, NEW YORK, N.Y. 10154

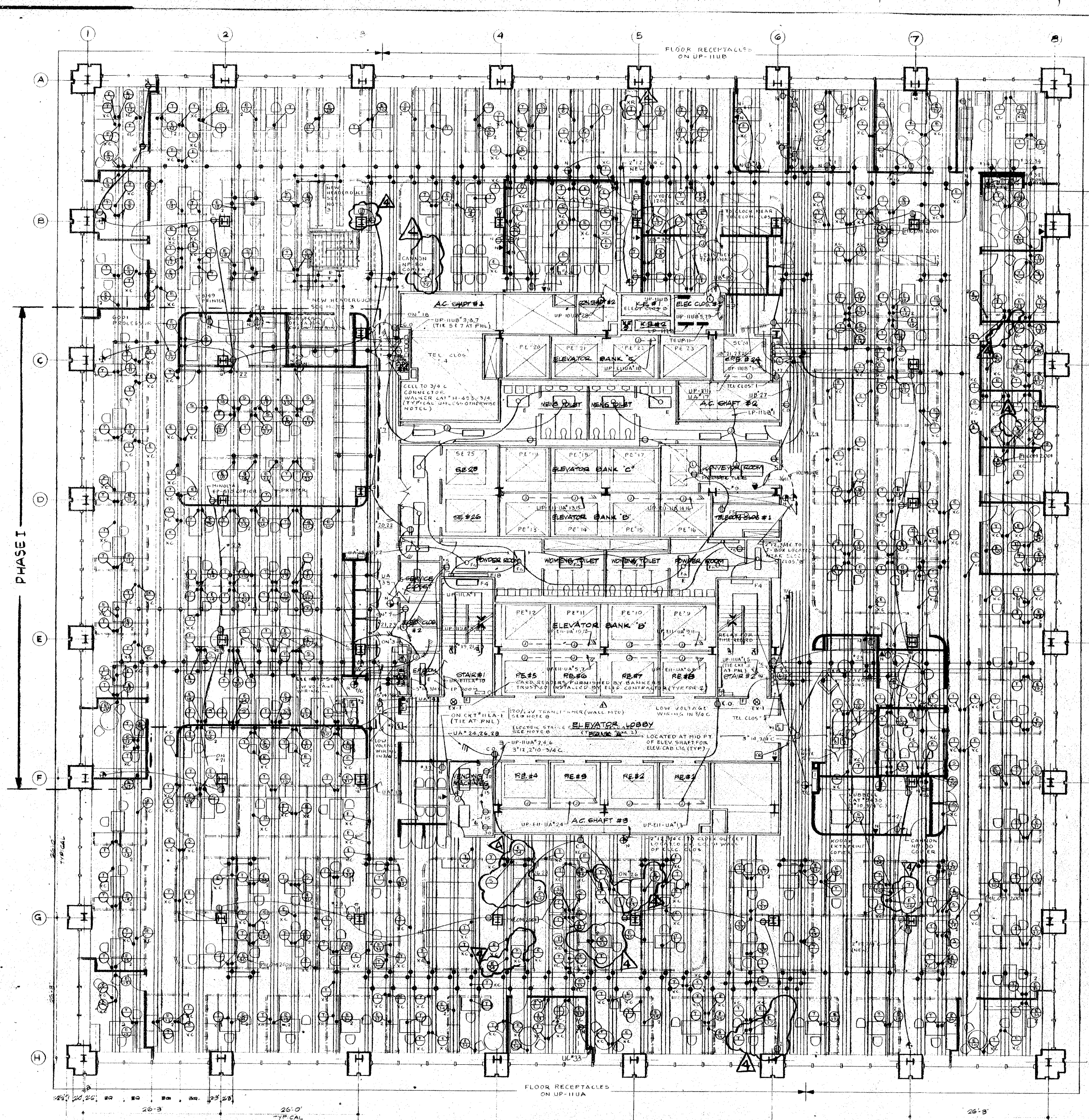
DATE	DESCRIPTION
3-2-81	REVISED AS PER SHERIDAN ASSOCIATES DRAWING
8-27-81	ADDED FAN #11-4
9-21-81	REVISED AS PER SHERIDAN ASSOCIATES DRAWING

Sheridan Associates DESIGN PLANNING RESEARCH 230 PARK AVENUE SOUTH, NEW YORK, NEW YORK 10003

LOCATION: 11<sup>TH</sup> FLOOR PLAN LIGHTING

**BANKERS TRUST** REAL ESTATE MANAGEMENT ONE BANKERS TRUST PLAZA NEW YORK, N.Y.

DATE: 9-19-72 SCALE: 1/8"=1'-0" DRAWING NO: E-41L



- NOTES**
- FOR SYMBOL LIST AND ELECTRICAL SPECIFICATIONS REFER TO DRAWING E-3
  - ALL BRANCH CIRCUIT WIRING SERVING ALL EXISTING ELECTRICAL FLOOR OUTLETS SHALL BE DISCONNECTED AND REMOVED FROM FLOOR OUTLETS BACK TO THEIR CORRESPONDING CIRCUIT BREAKERS IN THEIR RESPECTIVE UTILITY PANELS. ELECTRICAL CONTRACTOR SHALL CONDUCT A SURVEY AT THE SITE TO DETERMINE SCOPE AND PRICE OF WORK INVOLVED.
  - PORTIONS OF EXISTING UNDERFLOOR CELL SYSTEM SHALL BE REMOVED DUE TO THE ERECTION OF A NEW STAIR ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL NEW HEADERS AS INDICATED ON PLAN SO AS TO PROVIDE CONTINUITY OF SERVICES TO THE REMAINDER OF THE FLOOR. ELECTRICAL CONTRACTOR SHALL COORDINATE WITH STRUCTURAL ENGINEER'S DRAWINGS SO AS TO DETERMINE EXACTLY HOW MUCH OF THE EXISTING UNDERFLOOR CELL SYSTEM SHALL BE REMOVED.
  - ELECTRICAL CONTRACTOR SHALL RUN VACUUM EMPTY CONDUIT TO TELECOM CLOSET #1, STUBS AND BUSH WIRING INFORMATION TO BE SUPPLIED BY BANKERS TRUST COMPANY. INSTALLATION OF WIRING WILL BE BY ELECTRICAL CONTRACTOR UNDER THE SUPERVISION OF A SECURITY SYSTEM REPRESENTATIVE.
  - PUSHBUTTONS FOR DOOR RELEASES SHALL BE EDWARDS CAT #146-2. PUSHBUTTONS NUMBERED 1 WILL RELEASE DOOR CONTAINING ELECTRIC STRIKE 1. PUSHBUTTONS NUMBERED 2 WILL RELEASE DOOR CONTAINING ELECTRIC STRIKE 2.
  - CIRCUITS # 22 THRU 25A/28 CURRENTLY CONSIST OF 20A/1P C/B'S. ELECTRICAL CONTRACTOR SHALL DISCONNECT AND REMOVE THESE C/B'S AND FURNISH AND INSTALL IN THEIR PLACES NEW 20A/1P C/B'S.
  - CIRCUIT # 17 CURRENTLY CONSISTS OF TWO (2) 30A/1P C/B'S NOTED AS POLES 17A/B. ELECTRICAL CONTRACTOR SHALL DISCONNECT AND REMOVE THESE C/B'S AND FURNISH AND INSTALL IN THEIR PLACES ONE (1) NEW 30A/2P C/B.
  - DEVICES FURNISHED BY HARDWARE CONTRACTOR INSTALLED BY ELECTRICAL CONTRACTOR.

ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL THREE (3) UNDER CABINET LIGHT FIXTURES COMPLETE WITH FIFTEEN (15) LAMP FIXTURES SHALL BE ALSO CATCHES WITH TOGGLE SWITCH AND 120V HPF TRIGGER START BALLAST. SUBMIT SHOP DRAWING FOR APPROVAL.

**REVISIONS**

NO.	DATE	DESCRIPTION
3-2-81		REVISED AS PER SHERIDAN ASSOCIATES DWG'S
4-3-81		REVISED AS PER SHERIDAN ASSOC COMMENTS
8-27-81		REVISED AS PER SHERIDAN ASSOCIATES DRAWINGS HAVE REVISIONS 4, 23A, 23B
9-2-81		REVISED AS PER SHERIDAN ASSOCIATES DRAWING HAVE REVISIONS 2, 3, 4

**SCHEDULE OF UTILITY PANELS 208/120V, 3Ø, 4W**

PANEL DESIGNATION	MAIN C/B	15A-1P C/B		20A-1P C/B		30A-1P C/B		30A-2P C/B		REMARKS
		ACTIVE	SPARE	ACTIVE	SPARE	ACTIVE	SPARE	ACTIVE	SPARE	
UP-11UA (EXISTING) 42 POLES		31	1	17,20,22,23,25,28,26,27,29,31	16					SEE NOTE 6
UP-11UD (EXISTING) 42 POLES		31	1	17,20,22,23,25,28,26,27,29,31	16					SEE NOTE 7 +1, 20A-3P GROUND
TEUP-11 (EXISTING) 12 POLES	20A, 3P	0	2							11-P SPACE
UP-E11UA (EXISTING) 24 POLES		24								

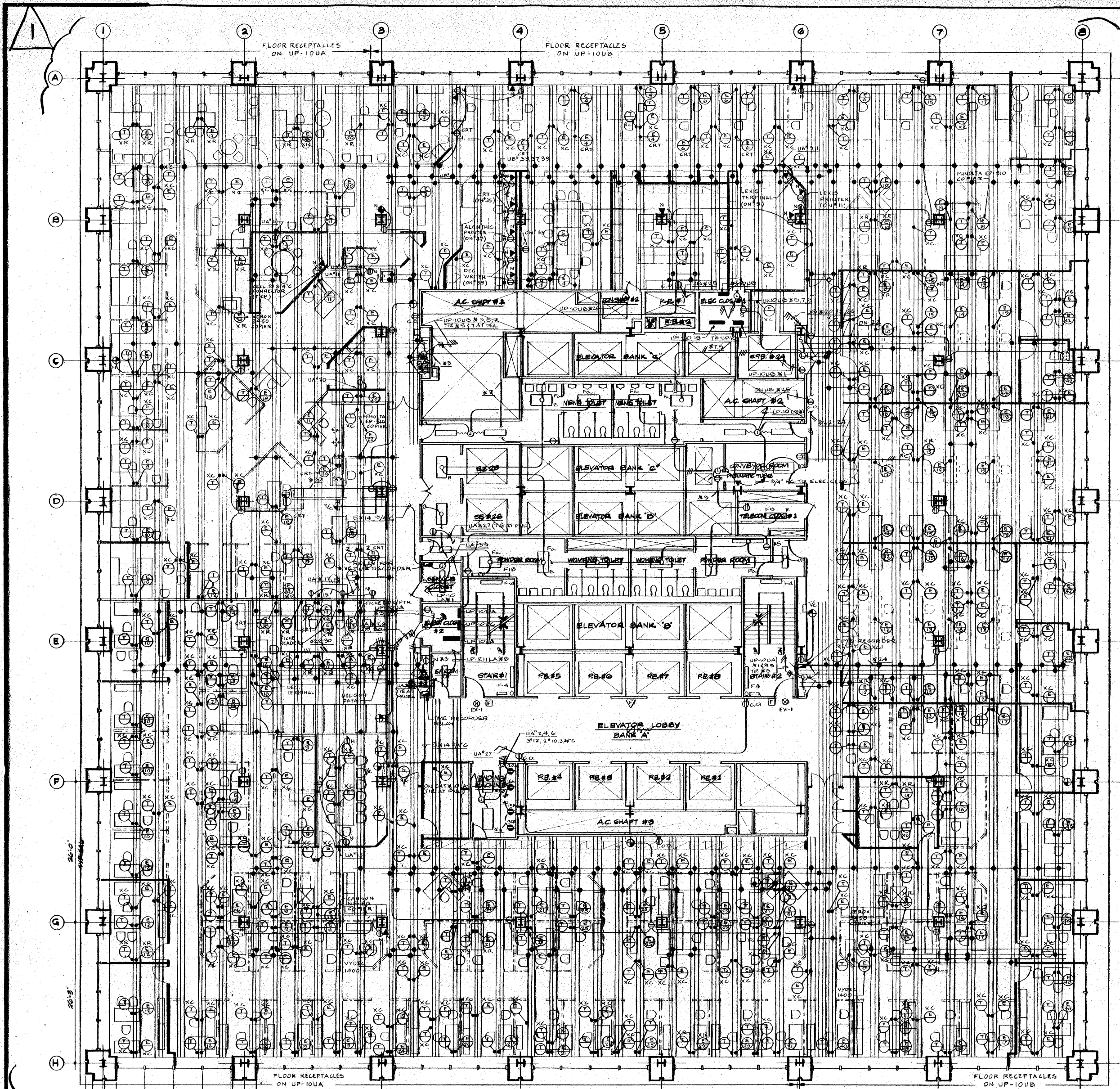
**Sheridan Associates**  
DESIGN PLANNING RESEARCH  
235 PARK AVENUE SOUTH, NEW YORK, NEW YORK 10003

**BANKERS TRUST**  
REAL ESTATE MANAGEMENT  
ONE BANKERS TRUST PLAZA NEW YORK, N.Y.

JAROS, BAUM & BOLLES  
CONSULTING ENGINEERS  
345 PARK AVENUE NEW YORK, N.Y. 10154

DATE: 9-12-74  
SCALE: 1/8"=1'-0"  
DRAWING NO: E-41





**NOTES**

1. FOR ELECTRICAL SPECIFICATIONS AND SYMBOL LIST REFER TO DRAWING E-5.
2. ALL BRANCH CIRCUIT WIRING SERVING ALL EXISTING ELECTRICAL FLOOR OUTLETS IN CONTRACT AREA ONLY SHALL BE DISCONNECTED AND REMOVED FROM FLOOR OUTLET BACK TO THEIR CORRESPONDING CIRCUIT BREAKERS IN THEIR RESPECTIVE UTILITY PANELS. ELECTRICAL CONTRACTOR SHALL CONDUCT A SURVEY AT THE SITE TO DETERMINE SCOPE AND PRICE OF WORK INVOLVED.

**REVISIONS**

NO.	DATE	DESCRIPTION
1	10-5-81	REVISED AS PER 'RESIDUAL' ASSOCIATED DRAWING 10A-3, DATED 8-12-81

**SCHEDULE OF UTILITY PANELS 120/208V, 3Ø, 4W**

PANEL	SECT	POLES	15A-1P C/B	20A-1P C/B	30A-1P C/B	30A-2P C/B	REMARKS
			ACTIVE	ACTIVE	ACTIVE	ACTIVE	
			SPARE	SPARE	SPARE	SPARE	
UP-10UA		42	28	7	3	1	
EXISTING			13, 17, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32	1, 2, 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	1, 2, 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	1, 2, 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	
UP-10UB		42	28	7	3	1	
EXISTING			13, 17, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32	1, 2, 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	1, 2, 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	1, 2, 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	
UP-10UC		24	20	4			
EXISTING			1, 2, 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	1, 2, 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			
TEUP-10		16	11	5			
EXISTING			1, 2, 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	1, 2, 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			+20A-2P FCB +2-1P SPACES

FOR INFORMATION ONLY!  
EXACT NUMBER OF  
ACTIVE AND SPARE  
CIRCUITS TO BE DETERMINED  
AS PART OF THIS  
CONTRACT

**Sheridan Associates**  
DESIGN PLANNING RESEARCH  
230 PARK AVENUE SOUTH, NEW YORK, NEW YORK 10003

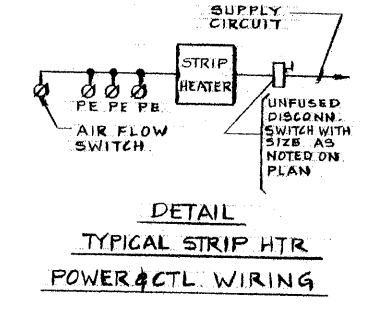
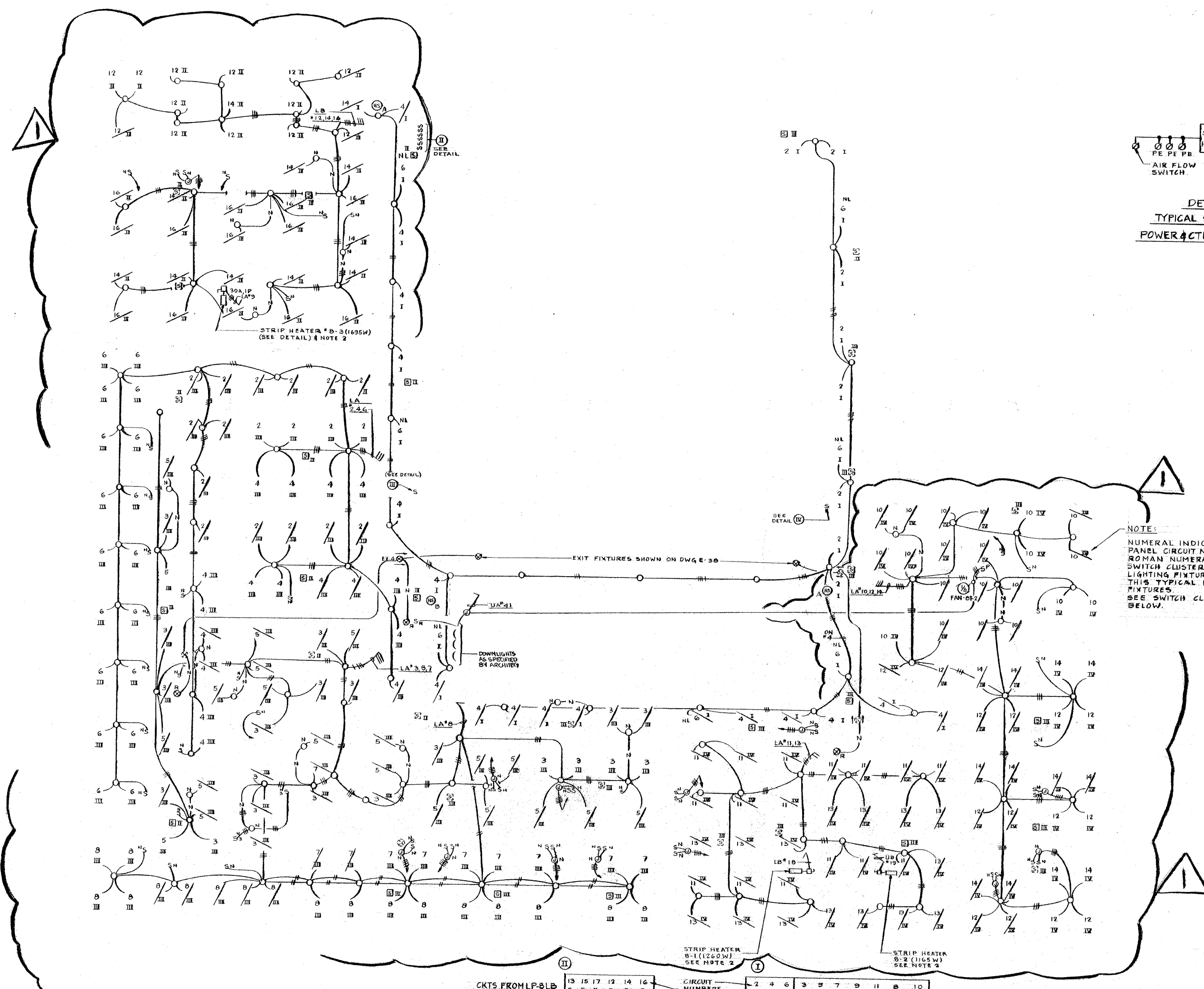
**10<sup>TH</sup> FLOOR PLAN  
POWER**

**BANKERS TRUST**  
REAL ESTATE MANAGEMENT  
ONE BANKERS TRUST PLAZA, NEW YORK, N.Y.

JAROS, BAUM & BOLLES  
CONSULTING ENGINEERS  
345 PARK AVENUE, NEW YORK, N.Y. 10154

DRAWN: H.D. DATE: 10-1-81 SCALE: 1/8"=1'-0" DRAWING NO.: E-40

- NOTES:**
- FOR SYMBOL LIST, FAN NOTES AND ELECTRICAL SPECIFICATIONS, REFER TO DRAWING E-5.
  - DISCONNECT AND REMOVE ALL EXISTING BRANCH CIRCUIT WIRING CONTROL WIRING AND CONDUIT UP TO AND INCLUDING CORRESPONDING CIRCUIT BREAKER IN ASSOCIATED PANELBOARD SERVING EXISTING STRIP HEATER TO BE DEACTIVATED.

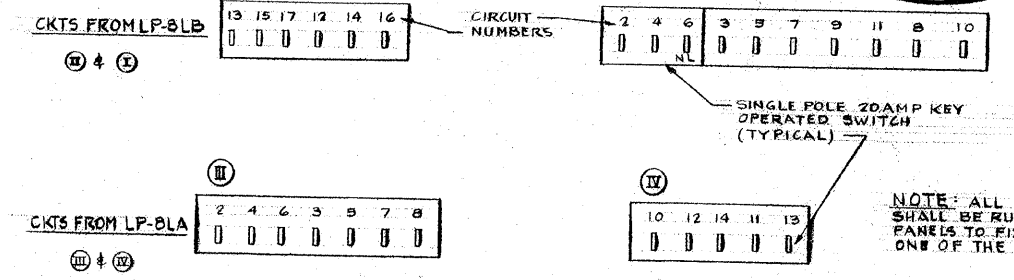


**NOTE:**  
 NUMERAL INDICATES LIGHTING PANEL CIRCUIT NO.  
 ROMAN NUMERAL INDICATES SWITCH CLUSTER CONTROLLING LIGHTING FIXTURE.  
 THIS IS TYPICAL FOR ALL FLOOR FIXTURES.  
 SEE SWITCH CLUSTER DETAILS BELOW.

**SCHEDULE OF LIGHTING PANELS** 265/460V, 3Ø, 4W

PANEL	NAME	SWITCH POLES	20A-1P C/B		70A-3P C/B		REMARKS
			ACTIVE	SPARE	ACTIVE	SPARE	
LP-BLA	3P	20A	16	16	1	0	+1, 1P, SPACE
(EXISTING)	3P	20A	13	17	1	0	7/P
LP-BLB	3P	20A	13	13	1	0	+1, 1P, SPACE
(EXISTING)	3P	20A	13	13	1	0	7/P

FOR CIRCUITS LP-BLA\*1 & LP-BLB\*1, REFER TO DWG E-30

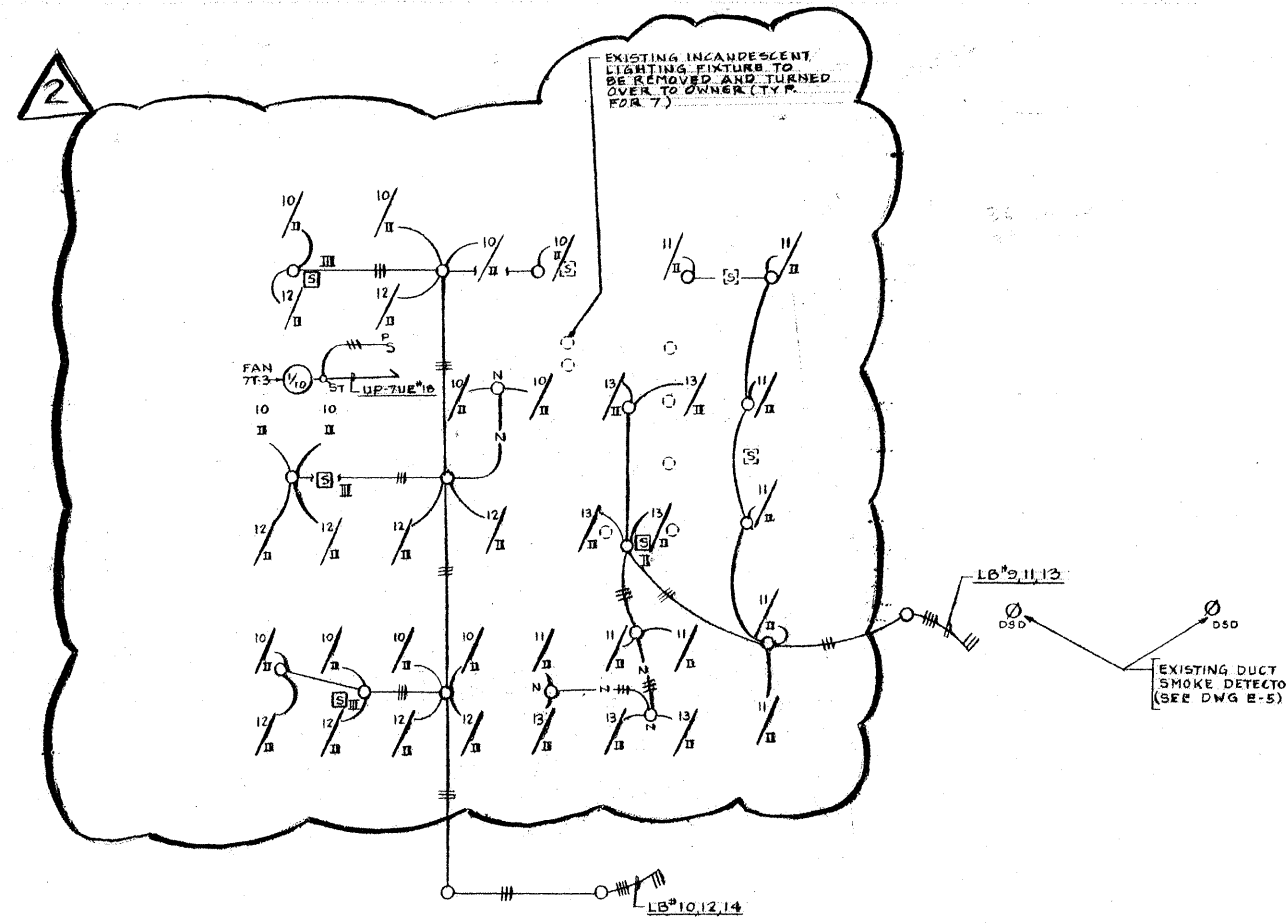


C-2521 REVISED AS PER SHEZIDAN ASSOCIATES DWG. BA 7 DATED 6-18-91

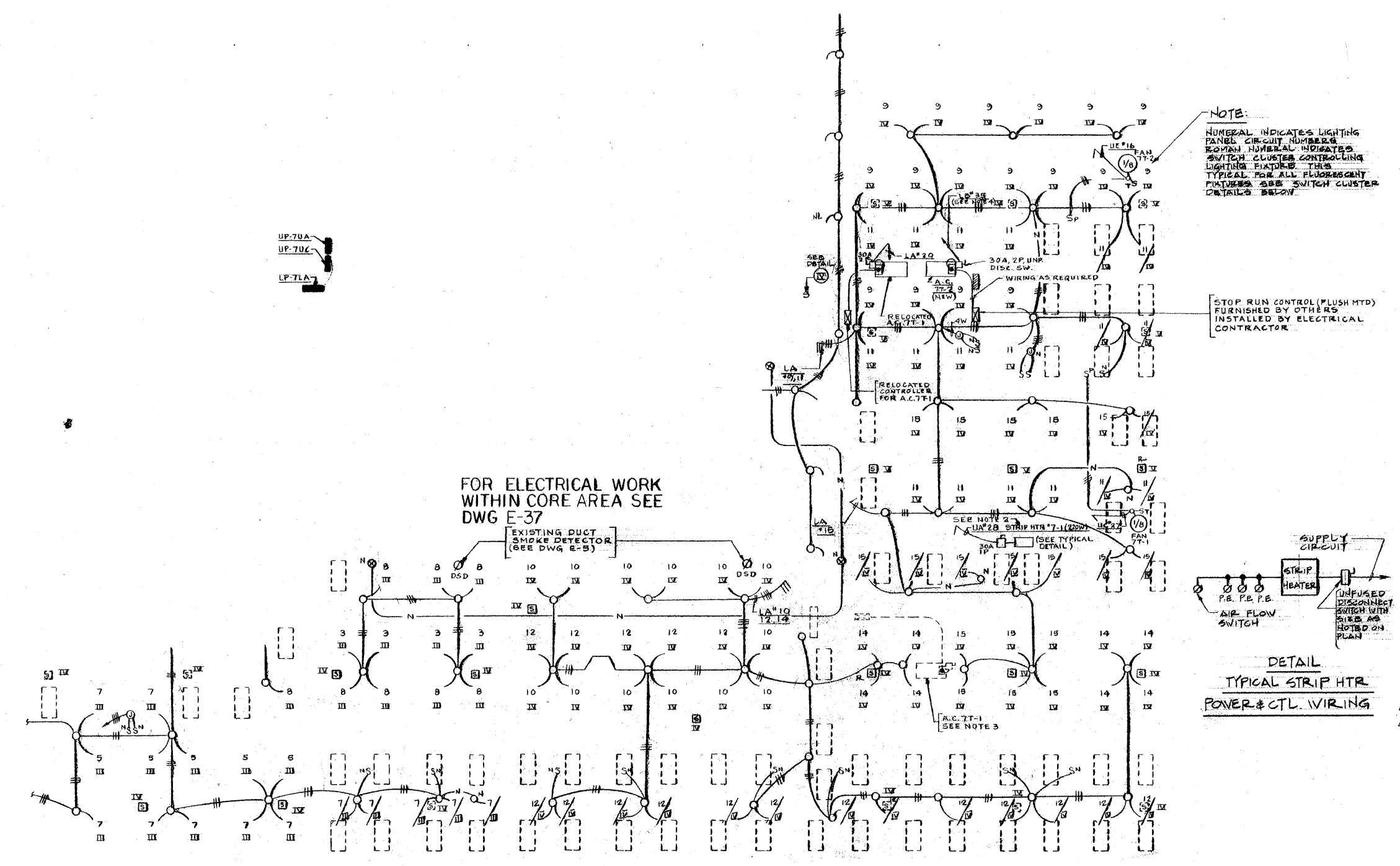
**8TH FLOOR PLAN LIGHTING**







- NOTES**
- FOR SYMBOL LIST, FAN NOTES AND ELECTRICAL SPECIFICATIONS REFER TO DRAWING E-5
  - DISCONNECT AND REMOVE ALL EXISTING BRANCH CIRCUIT WIRING, CONTROL WIRING AND CONDUIT UP TO AND INCLUDING CORRESPONDING CIRCUIT BREAKER IN ASSOCIATED PANELBOARD SERVING EXISTING STRIP HEATER TO BE DEACTIVATED.
  - EXISTING A.C. UNIT 7T-1 & ASSOCIATED CONTROLLER SHALL BE REMOVED AND RELOCATED. EXTEND EXISTING CONDUIT AND WIRING TO NEW LOCATION AS REQUIRED.
  - CONNECT 2" 10 3/4" C. TO ONE (1) NEW 30A-1P CIRCUIT BREAKER IN PLACE OF EXISTING SPACE NOTED AS POLE 33 IN PANEL LP-7LB. IF EMT IS USED FOR WIRING TO A.C. UNIT, #10 GREEN INSULATED GROUND CONDUCTOR SHALL BE RUN WITH BRANCH CIRCUIT, CONNECTED AS REQUIRED, TO ACHIEVE PROPER GROUNDING OF THE UNIT.

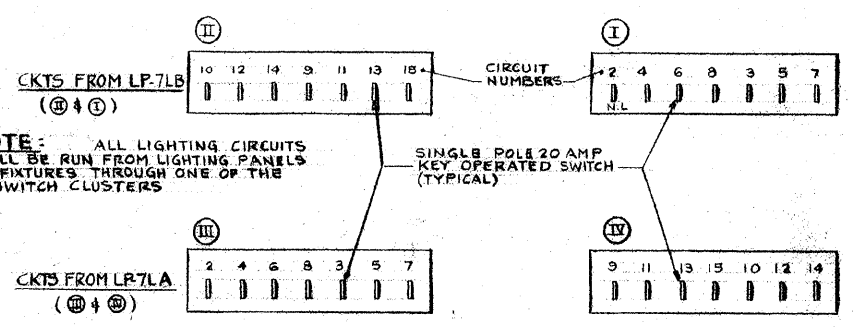


FOR ELECTRICAL WORK WITHIN CORE AREA SEE DWG E-37

**SCHEDULE OF LIGHTING PANELS 265/460V, 3Ø, 4W**

PANEL	MAIN SWITCH	20A-1P C/B		70A-3P C/B		REMARKS
		ACTIVE	SPARE	ACTIVE	SPARE	
LP-7LA	3Ø	16	12	1	—	11, 1P SPACE
EXISTING	3Ø	—	—	—	—	45 kVA TYP
LP-7LB	3Ø	16	16	1	—	11, 30A-1P C/B
EXISTING	3Ø	—	—	—	—	45 kVA TYP

**NOTE:** ALL LIGHTING CIRCUITS SHALL BE RUN FROM LIGHTING PANELS TO FIXTURES THROUGH ONE OF THE 4 SWITCH CLUSTERS.

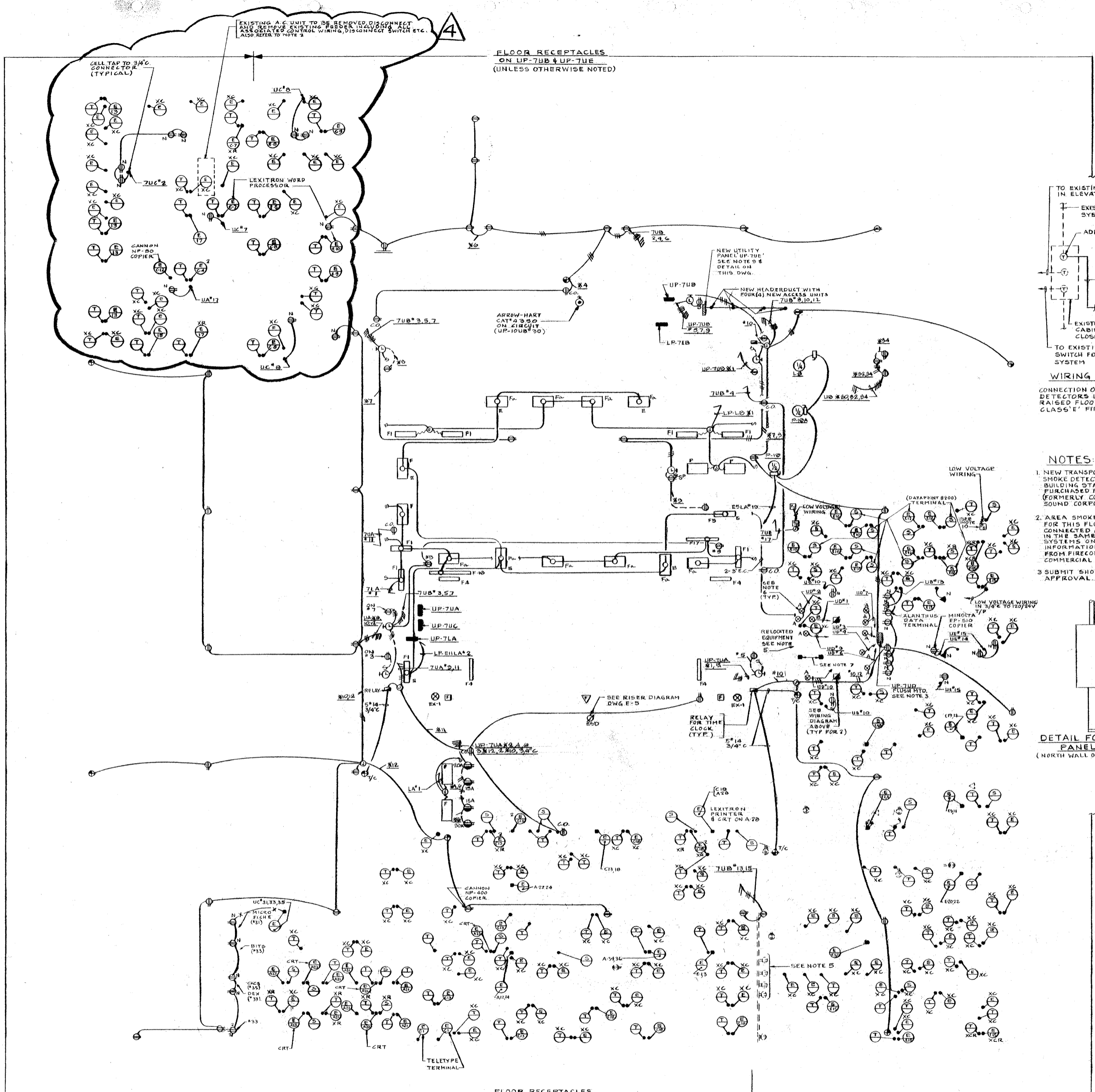


**DETAIL OF LIGHTING CONTROL (NOT TO SCALE)**

JAROS, BAUM & BOLLES  
CONSULTING ENGINEERS  
345 PARK AVENUE, NEW YORK, N.Y. 10154

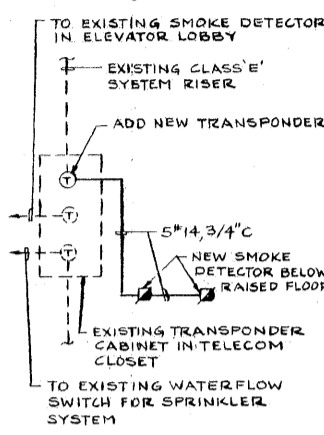
H. B. 6-2-81 1/8"=1'-0" E-37L

BX



**NOTES**

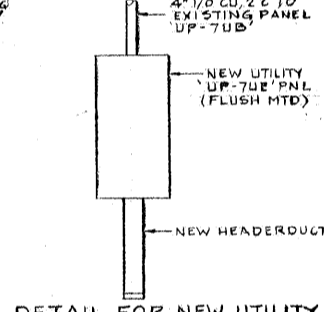
- FOR SYMBOL LIST AND ELECTRICAL SPECIFICATIONS REFER TO DRAWING E-5
- ALL BRANCH CIRCUIT WIRING SERVING ALL EXISTING ELECTRICAL FLOOR OUTLETS IN CONTRACT AREA ONLY SHALL BE DISCONNECTED AND REMOVED FROM FLOOR OUTLETS BACK TO THEIR CORRESPONDING CIRCUIT BREAKERS IN THEIR RESPECTIVE UTILITY PANELS. ELECTRICAL CONTRACTOR SHALL CONDUCT A SURVEY AT THE SITE TO DETERMINE SCOPE AND PRICE OF WORK INVOLVED.
- ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ONE (1) NEW 120/208V 3-PHASE 4-WIRE UTILITY PANEL DESIGNATED UP-7UD. PANEL TO CONTAIN 100 AMPER MAIN COPPER BUS, FULL CAPACITY GROUND NEUTRAL BUS AND ISOLATED COPPER GROUND BUS RUN 1" 6 GREEN INSULATED GROUND CONDUCTOR FROM PANELBOARD GROUND BUS TO GROUNDED BUILDING COLUMN LOCATED IN NORTHEAST CORNER OF ELECTRIC CLOSET 'B' IN 3/4" C BRANCH CIRCUIT BREAKERS SHALL BE AS PER SCHEDULE ON THIS DRAWING. GROUND I.T.E. 200P TYPE EGG CABINET SHALL BE CODE GAUGE STEEL WITH HINGED LOCKABLE DOOR. CABINET SHALL BE RUSTPROOFED PRIOR TO APPLICATION OF FINISH COAT OF GRAY ENAMEL. PANEL SHALL BE CONSTRUCTED WITH TROUGH DOWN TO SPACE BELOW RAISED FLOOR. (REFER TO DETAIL 'A' ON DRAWING E-5A) SUBMIT SHOP DRAWING FOR APPROVAL.
- GROUND 25% OF RAISED FLOOR PEDESTALS (ONE PER FLOOR PANEL) WITH A/B GREEN INSULATED GROUND CONDUCTOR. USE THOMAS & BETTS #3000 SERIES GROUND LAMPS, SIZE AS REQUIRED TO CONFORM TO DIAMETER OF RAISED FLOOR PEDESTAL. CONNECT AFOREMENTIONED GROUND CONDUCTOR TO GROUNDED BUILDING COLUMN LOCATED IN NORTHEAST CORNER OF ELECTRIC CLOSET 'B' IN 3/4" C. (REFER TO SCHEMATIC C ON DWG E-5A)
- EXISTING EQUIPMENT TO BE REMOVED AND RELOCATED. EXTEND EXISTING BRANCH CIRCUIT WIRING TO NEW LOCATION AS REQUIRED.
- RECEPTACLE MOUNTED IN JUNCTION BOX BELOW RAISED FLOOR. REFER TO SCHEDULE BELOW FOR RECEPTACLE TYPES AND REFER TO DETAIL 'B' ON DRAWING E-5A
- SIGNAL SERVICE FOR ROUTING OF DATAPOINT 200 TERMINAL CABLES TO PROCESSOR UNIT VIA EXISTING UNDER FLOOR CELL HEADER DUCT SYSTEM. USE WALKER #1124-2 LOCKING NIPPLE IN DUCT INLET. (TYPICAL FOR 2)
- DISCONNECT AND REMOVE EXISTING SPARE 200-3P CIRCUIT BREAKER NOTED AS POLES 31, 33, 36 AND FURNISH AND INSTALL IN THEIR PLACE THREE (3) NEW 15A-1P C/B'S.
- ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ONE (1) NEW 120/208V 3-PHASE 4-WIRE UTILITY PANEL DESIGNATED UP-7UE. PANEL TO CONTAIN 150 AMPER MAIN COPPER BUS AND FULL CAPACITY COPPER NEUTRAL BUS BRANCH CIRCUIT BREAKERS AND CABINET SHALL BE SAME AS IN NOTE 3. SUBMIT SHOP DRAWING FOR APPROVAL.
- POSITION FOR DOOR RELEASE SHALL BE MOUNTED UNDER DESK 10" OF AND SHALL BE EDWARDS CAT # 53 (FOR 24 VOLT OPERATION)
- 120/24 VOLT WALL MOUNTED TRANSFORMER AND ELECTRIC STRIKE SHALL BE FURNISHED BY HARDWARE CONTRACTOR INSTALLED BY ELECTRICAL CONTRACTOR



**WIRING DIAGRAM**  
CONNECTION OF NEW SMOKE DETECTORS LOCATED BELOW RAISED FLOOR TO EXISTING CLASS 'E' FIRE ALARM SYSTEM

**NOTES**

- NEW TRANSFORMER AND SMOKE DETECTORS TO BE PURCHASED FROM FIRECOM INC. (FORMERLY COMMERCIAL RADIO-SOUND CORPORATION).
- AREA SMOKE DETECTION SYSTEM FOR THIS FLOOR SHALL BE CONNECTED AND SHALL FUNCTION IN THE SAME MANNER AS THOSE SYSTEMS ON OTHER FLOORS. INFORMATION SHALL BE OBTAINED FROM FIRECOM INC. (FORMERLY COMMERCIAL RADIO-SOUND CORP.)
- SUBMIT SHOP DRAWING FOR APPROVAL.



**DETAIL FOR NEW UTILITY PANEL UP-7UE**  
(NORTH WALL OF ELECTRIC CLOSET 'B')

N.I.C.

- △ 6-29-81 REVISED AS PER SHERIDAN ASSOCIATES DRAWING REVISED PER SHERIDAN ASSOCIATES DRAWING
- △ 7-16-81 REVISED AS PER SHERIDAN ASSOCIATES DRAWING REVISED PER SHERIDAN ASSOCIATES DRAWING EXTENDED
- HEADER DUCT AS NOTED.
- △ 10-7-81 REVISED AS PER AMSECO DWG. REVISED AS PER SHERIDAN ASSOCIATES DRAWING
- △ 10-4-81 REVISED AS PER SHERIDAN ASSOCIATES DRAWING

**SCHEDULE OF UTILITY PANELS 120/208V 3Ø 4W**

PANEL	SECT.	POLES	15A-1P C/B		20A-1P C/B		30A-1P C/B		30A-2P C/B		REMARKS
			ACTIVE	SPARE	ACTIVE	SPARE	ACTIVE	SPARE	ACTIVE	SPARE	
UP-7UA	EXISTING	42	41, 37, 79, 113, 16, 10, 11, 25, 23, 33, 16, 35, 14, 13, 24	13	13	10, 12, 19, 23, 24	2	2	1		
UP-7UD	EXISTING	42	1, 4, 17, 23, 30, 32, 34, 35, 41	1	1	19, 19, 22, 29, 20	1	1	1	+2-30A-3P C/B +1-15A-3P C/B +1-30A-2P C/B	
UP-7UC	EXISTING	42	1, 4, 17, 23, 30, 32, 34, 35, 41	3	3	7, 6, 12, 21, 26	1	3	3	SEE NOTE 3	
UP-7UE	NEW	24	2, 4, 8, 10	2	2					+1, 30A-3P C/B	
UP-7UE	NEW	42		2	2					+1B, 1P SPACES	

FOR INFORMATION ONLY EXACT NUMBER OF ACTIVE AND SPARE C/B'S WILL BE DETERMINED AS PART OF THIS CONTRACT

**SCHEDULE OF RECEPTACLES BELOW RAISED FLOOR**

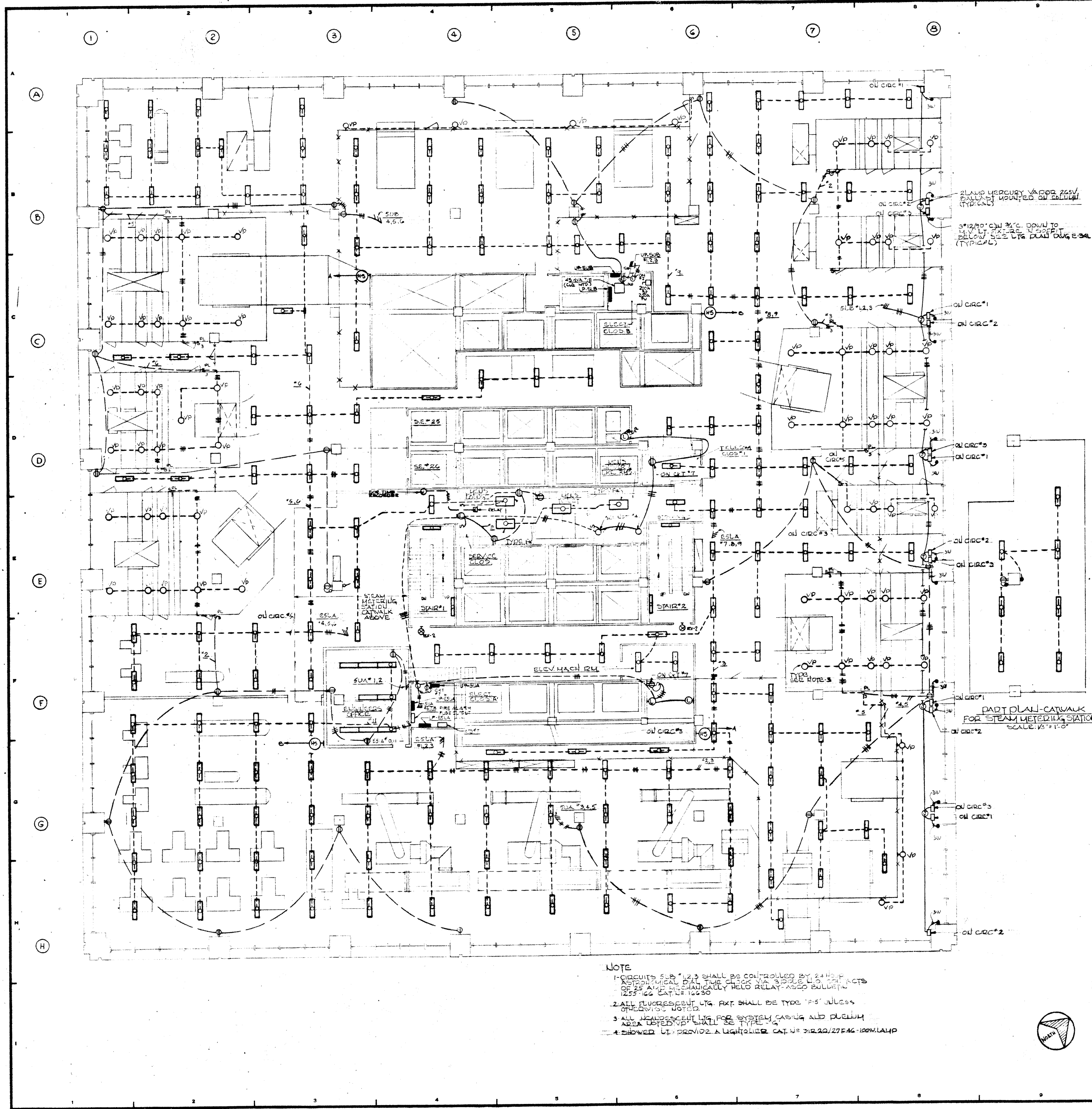
SYMBOL	DESCRIPTION	NEMAN	MANUFACT.
⊙A	15A 2P/3W 150V GND DUPLEX RECEPTACLE (RUM 3" 1/2 3/4" C)	B-1B	HUBBELL 10522C
⊙B	30A 2P/3W 150V GND TWISTLOCK RECEPTACLE (RUM 4" 1/2 3/4" C)	L5-30	SIEMENS 5150-FR

**NOTE**  
CONNECT GROUND CONDUCTOR TO GROUND TERMINAL ON RECEPTACLE AND TO GROUND TERMINAL ON ISOLATED GROUND BUS IN NEW PANELBOARD UP-7UD

JAROS, BAUM & BOLLES  
CONSULTING ENGINEERS  
345 PARK AVENUE, NEW YORK, N.Y. 10154

7TH FLOOR PLAN  
POWER





2 LAMP MERCURY VAPOR 200W/ BALLAST MOUNTED ON CEILING (TYPICAL)  
 3 1/2\"/>

PART OF ALL-CATWALK FOR STEAM METERING STATION SCALE 1/8\"/>

- NOTE
- 1-CIRCUITS 500 \* 12.3 SHALL BE CONTROLLED BY 24 HOUR AUTOMATICALLY OPERATING TIME CLOCK VIA 3000LTS L.S. WITH ACTS OF 25 AMP MECHANICALLY HELD RELAY-ASSO BALLASTS 1255762 EXP. 11-10-80
  - 2-ALL FLUORESCENT LTR. FIX. SHALL BE TYPE 'FS' UNLESS OTHERWISE NOTED.
  - 3-ALL INCANDESCENT LTR. FOR SYSTEM CASING AND PLenum AREA NOTED 'P' SHALL BE TYPE 'FS'
  - 4-SHOWED LTR. PROVIDE A LIGHTER CAT. NO. 31222/27FAC-100W/LAMP

12-21-78	GENERAL UPDATE		
REVISIONS			
NO.	DATE	DESCRIPTION	
ISSUED TO	NO.	DATE	PKG. NO.

**A FISHER BROTHERS PROJECT**

GREENWICH AND LIBERTY ST. N.Y. N.Y.

SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS  
 475 PARK AVENUE SOUTH N.Y. N.Y. 10016

PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS  
 919 THIRD AVENUE N.Y. N.Y. 10022

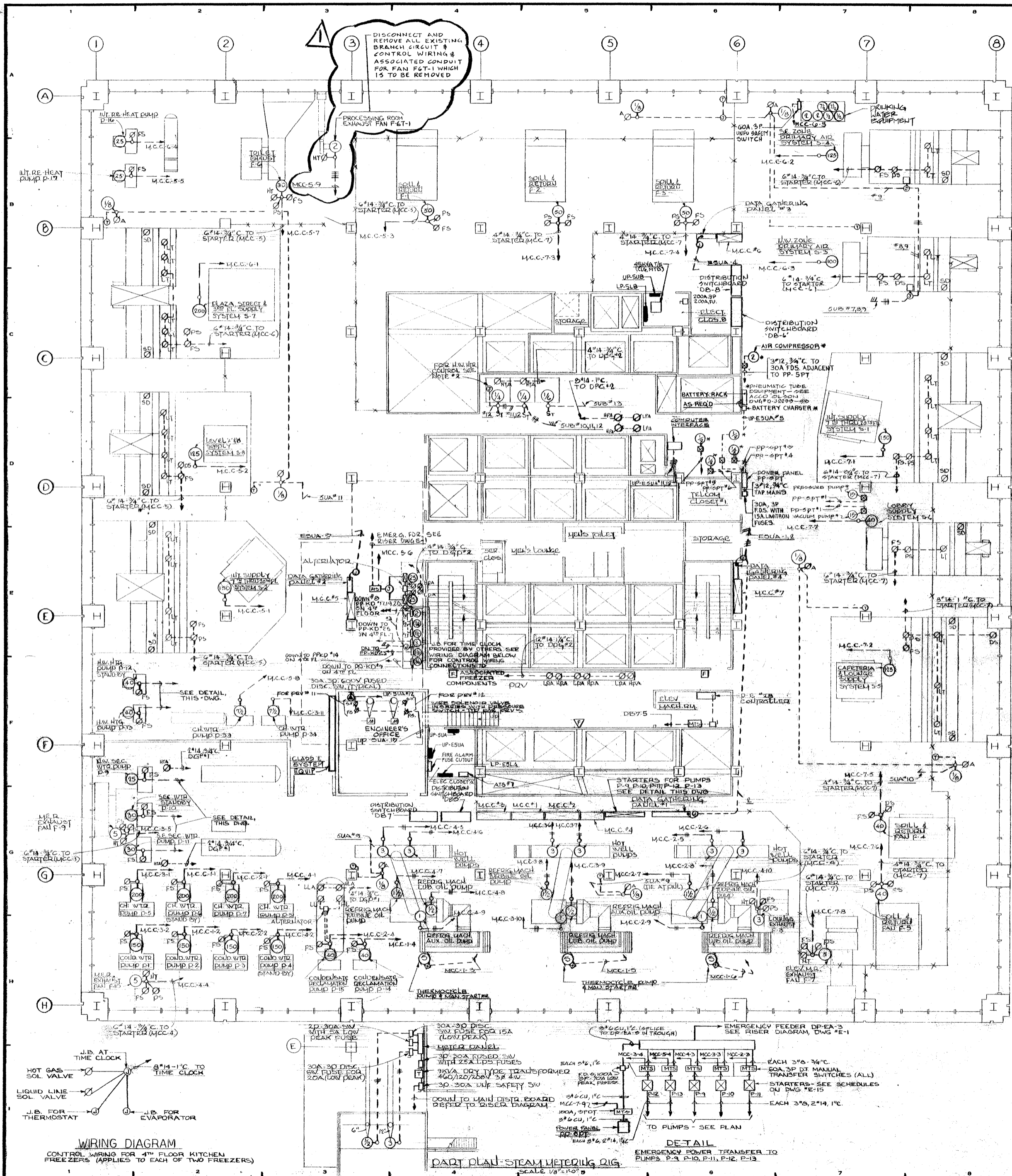
THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS  
 515 MADISON AVENUE N.Y. N.Y. 10022

J. AROS, BAUM & BOLLES MECH. & ELEC. ENGINEERS  
 345 PARK AVENUE N.Y. N.Y. 10022

**5<sup>TH</sup> FLOOR PLAN LIGHTING MECHANICAL**

PROJECT NUMBER	7101
DRAWING NUMBER	E-35L
DATE	1-7-72
SCALE	1/8\"/>

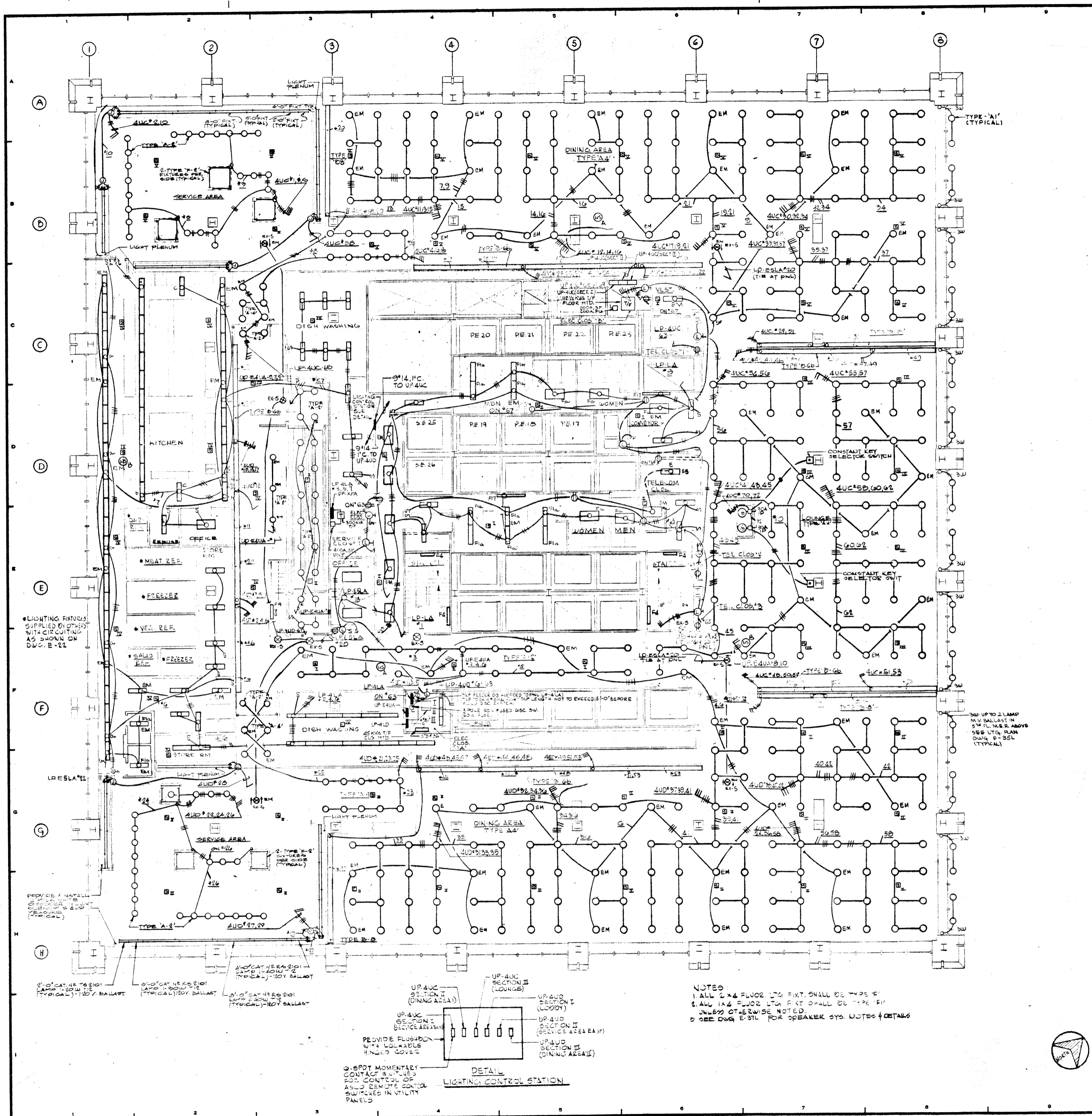
85



DISCONNECT AND REMOVE ALL EXISTING BRANCH CIRCUIT & CONTROL WIRING & ASSOCIATED CONDUIT FOR FAN FGT-1 WHICH IS TO BE REMOVED.

10-18-81	DELETED PROCESSING ROOM EXHAUST FAN FGT-1	
12-22-80	GENERAL UPDATES	
<b>REVISIONS</b>		
NO.	DATE	DESCRIPTION
ISSUED TO:	NO. DATE	PKG. NO.
<b>BANKERS TRUST PLAZA</b>		
<b>A FISHER BROTHERS PROJECT</b>		
GREENWICH AND LIBERTY ST. N.Y. N.Y.		
<b>SHREVE, LAMBA HARMON ASSOCIATES INC. ARCHITECTS</b>		
475 PARK AVENUE SOUTH N.Y. N.Y. 10 016		
<b>PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS</b>		
919 THIRD AVENUE N.Y. N.Y. 10 022		
<b>THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS</b>		
315 MADISON AVENUE N.Y. N.Y. 10 022		
<b>J. A. R. O. S. BAUM &amp; BOLLMEYER MECH. &amp; ELEC. ENGINEERS</b>		
343 PARK AVENUE N.Y. N.Y. 10 022		

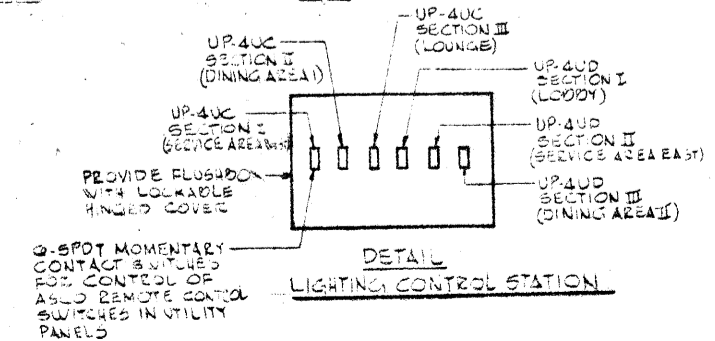
<b>5<sup>TH</sup> FLOOR PLAN POWER (MECHANICAL FLOOR)</b>	
PROJECT NUMBER	<b>7101</b>
DRAWING NUMBER	<b>E-35</b>
DATE	1-1-78
SCALE	1/8" = 1'-0"



• LIGHTING FIXTURES SUPPLIED BY OTHERS WITH CIRCUITING AS SHOWN ON DWG. E-22

PROVIDE 1 NATURAL LIGHT SOURCE (MINIMUM 100 SQ. FT. AREA) FOR EACH ROOM (EXCEPT WHERE NOTED OTHERWISE)

1'-0" CAT. NO. 70101 LAMP T-20W (TYPICAL) 120V BALLAST  
 2'-0" CAT. NO. 70101 LAMP T-30W (TYPICAL) 120V BALLAST  
 4'-0" CAT. NO. 70101 LAMP T-40W (TYPICAL) 120V BALLAST  
 6'-0" CAT. NO. 70101 LAMP T-60W (TYPICAL) 120V BALLAST



NOTES  
 1. ALL 2' x 4' FLOOR LTR. FIXT. SHALL BE TYPE 'F'  
 2. ALL 1' x 4' FLOOR LTR. FIXT. SHALL BE TYPE 'F1'  
 UNLESS OTHERWISE NOTED.  
 3. SEE DWG. E-31L FOR SPEAKER SYS. NOTES & DETAILS

12-21-78	GENERAL UPDATE	
REVISIONS		
NO.	DATE	DESCRIPTION
ISSUED	NO.	DATE
	PKG. NO.	

**A FISHER BROTHERS PROJECT**  
 GREENWICH AND LIBERTY ST. N.Y. N.Y.

**SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS**  
 475 PARK AVENUE SOUTH N.Y. N.Y. 10014

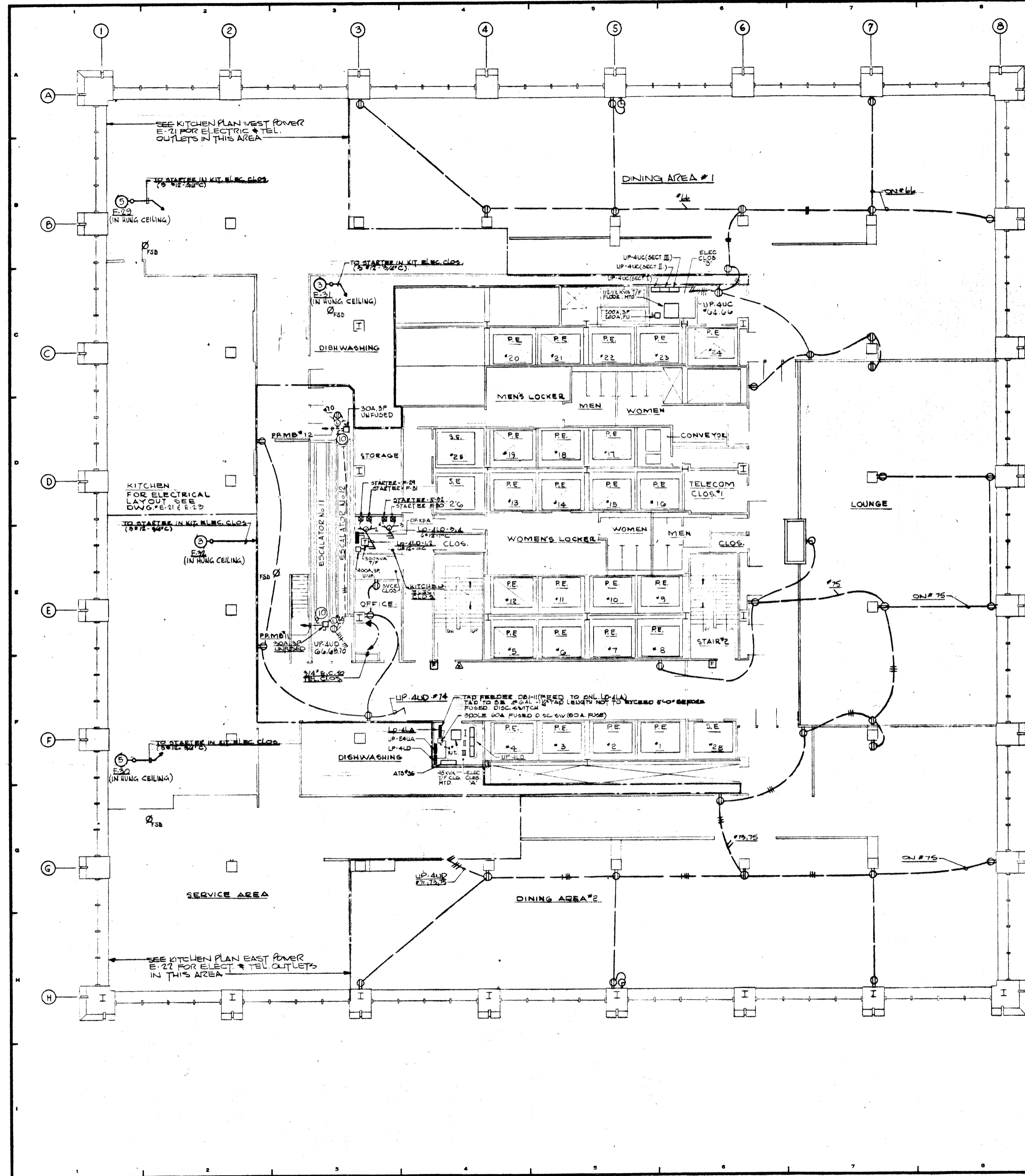
**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
 919 THIRD AVENUE N.Y. N.Y. 10022

**THE OFFICE OF JAMES RUDEMAN STRUCTURAL ENGINEERS**  
 515 MADISON AVENUE N.Y. N.Y. 10022

**J. ARON, BAUM & BOLLES MECH. & ELEC. ENGINEERS**  
 345 PARK AVENUE N.Y. N.Y. 10022

4TH FLOOR LIGHTING	
PROJECT NUMBER	7101
DRAWING NUMBER	E-34L
DATE	1-7-72
SCALE	1/8" = 1'-0"

57



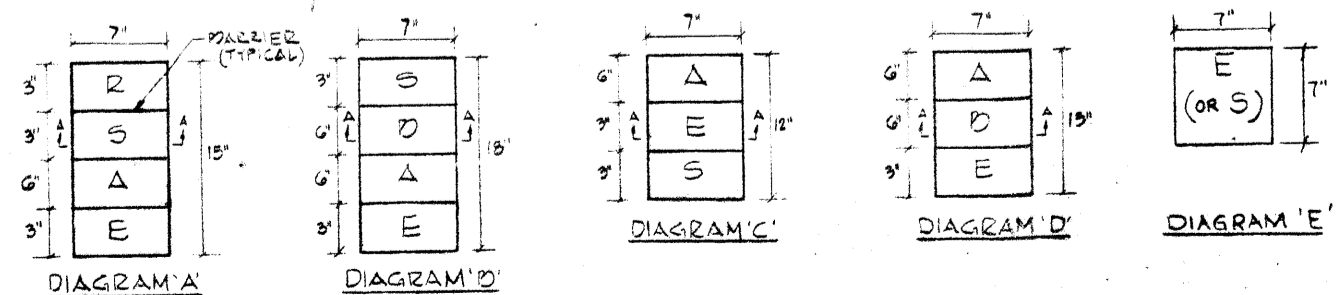
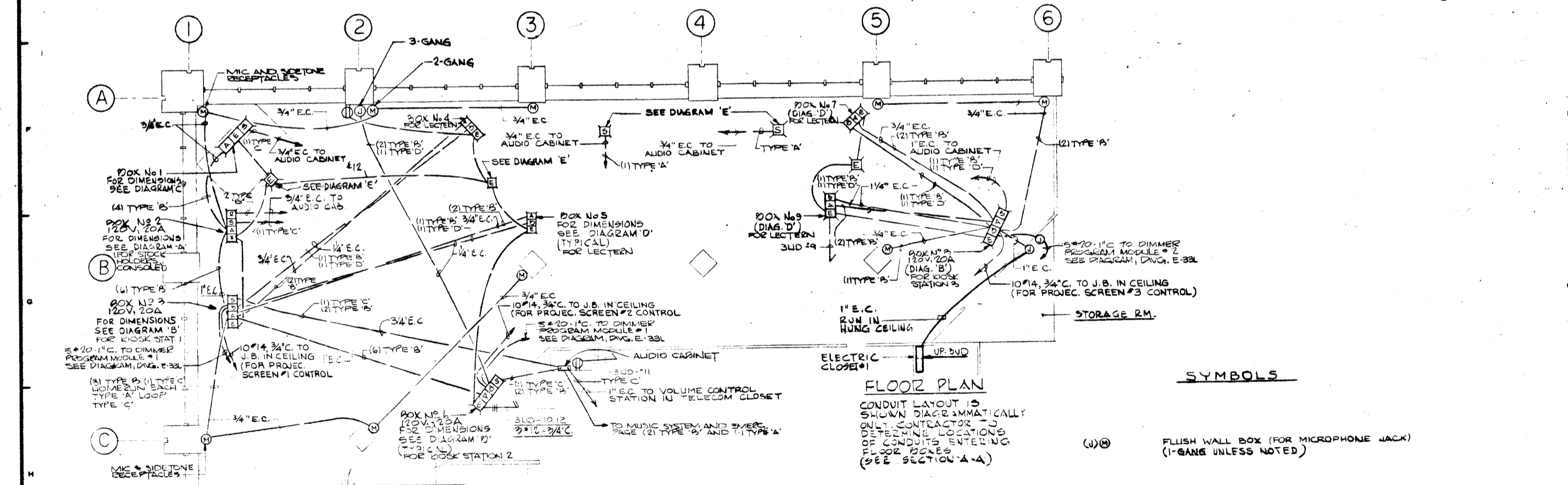
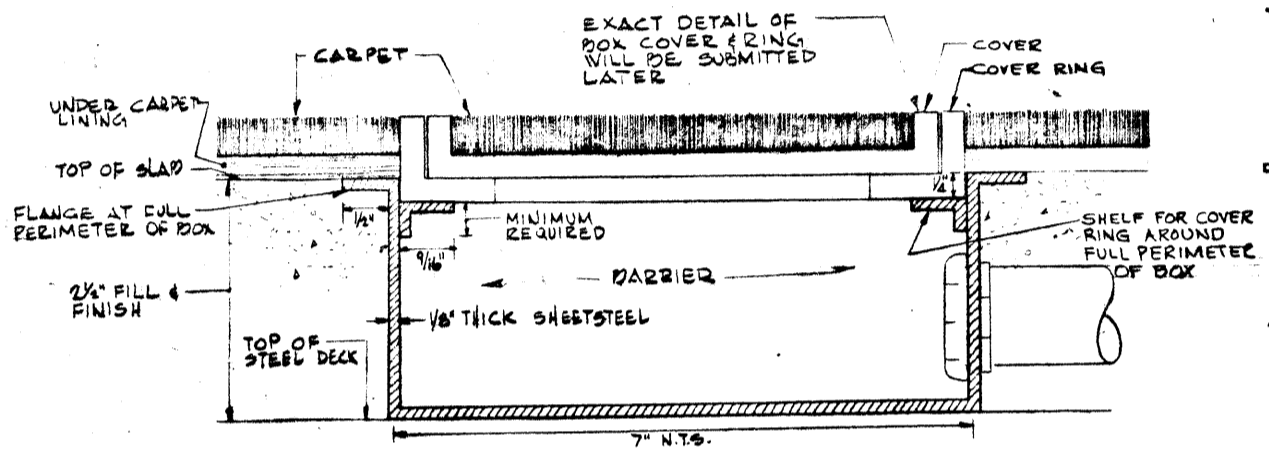
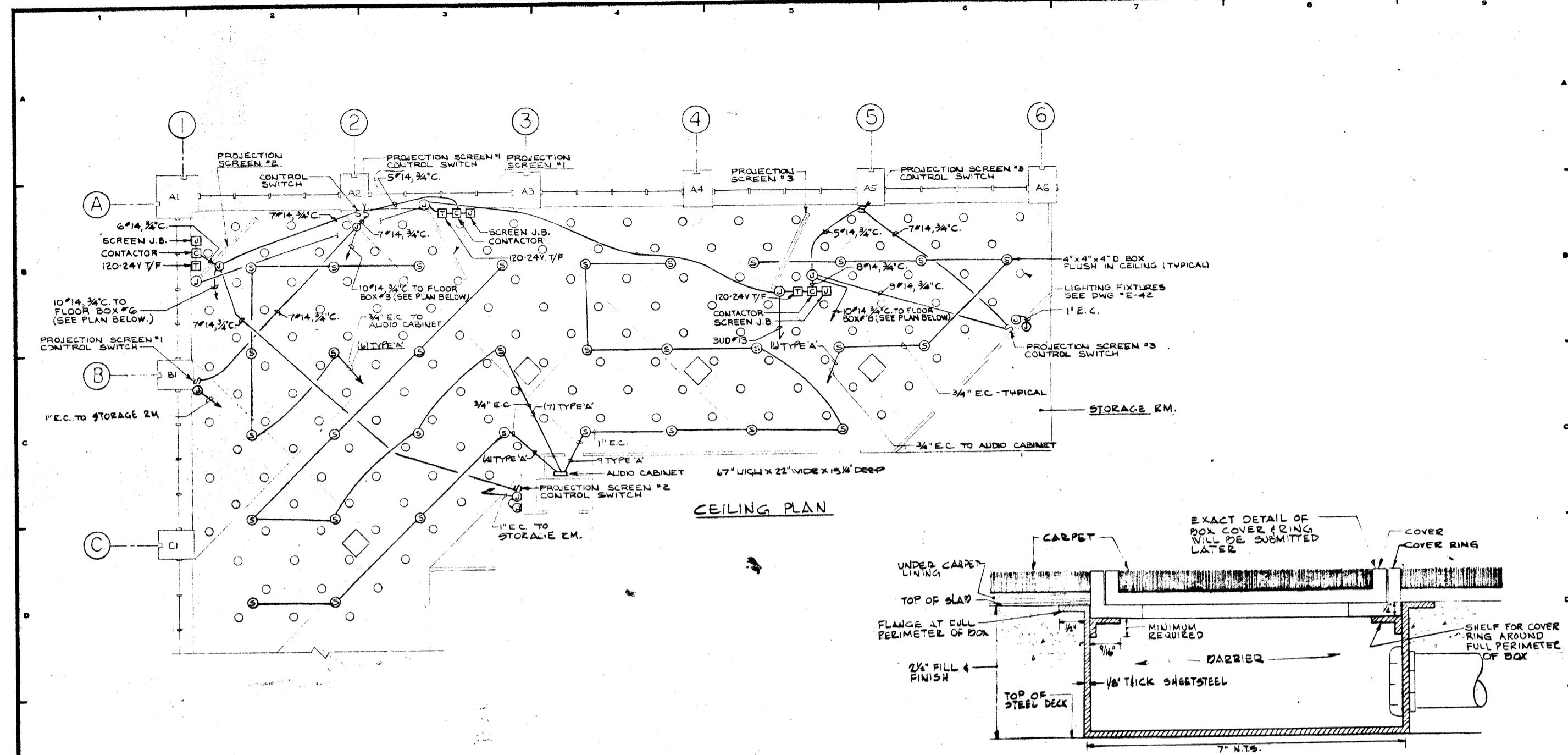
12-21-76	GENERAL UPDATE		
REVISIONS			
NO.	DATE	DESCRIPTION	
ISSUED TO	NO.	DATE	PKG. NO.

**A FISHER BROTHERS PROJECT**  
 GREENWICH AND LIBERTY ST. N.Y. N.Y.  
**SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS**  
 475 PARK AVENUE SOUTH N.Y. N.Y. 10016  
**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
 919 THIRD AVENUE N.Y. N.Y. 10022  
**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**  
 515 MADISON AVENUE N.Y. N.Y. 10022  
**JAROS, BAUM & BOLLES MECH. & ELEC. ENGINEERS**  
 345 PARK AVENUE N.Y. N.Y. 10022

4 <sup>TH</sup> FLOOR PLAN POWER	
PROJECT NUMBER	7101
DRAWING NUMBER	E-34
DATE	1-7-77
SCALE	1/8" = 1'-0"







DETAILS OF SPECIAL FLOOR BOXES  
ALL DIMENSIONS TO C OF SHEETSTEEL  
(SEE SECTION A-A)

**SYMBOLS**

(W)⊙ FLUSH WALL BOX (FOR MICROPHONE JACK)  
(1-GANG UNLESS NOTED)

**NOTES**

- 1- PROVIDE AND INSTALL EMPTY CONDUITS, WALL BOXES, FLOOR BOXES, ETC. AS SHOWN, SIZES AS INDICATED. LEAVE PULL WIRE IN ALL EMPTY CONDUITS.
- 2- SEE ARCHITECT'S DRAWING FOR EXACT LOCATION AND ORIENTATION OF ALL FLOOR BOXES.
- 3- CABLE TYPES  
A- BELDEN 24W 2 COND #16 TWISTED STRANDED O.D. .226  
B- BELDEN 27W 2 COND #20 TWISTED STRANDED SHIELDED O.D. .194  
C- BELDEN 27W 2 COND #16 TWISTED STRANDED SHIELDED O.D. .234  
D- BELDEN 27S 11 PAIR #22 SOLID O.D. .324
- 4- FOR WIRING FOR PROJECTION SCREEN CONTROLS SEE SCREEN MANUFACTURER'S WIRING DIAGRAMS AND INSTALLATION INSTRUCTIONS.

12-21-78	GENERAL UPDATE		
REVISIONS			
NO.	DATE	DESCRIPTION	
ISSUED TO	NO.	DATE	PKG. NO.

**A FISHER BROTHERS PROJECT**

GREENWICH AND LIBERTY ST. N.Y. N.Y.

SHREVE, LAMB & HARMON ASSOCIATES P.C.  
ARCHITECTS  
475 PARK AVENUE SOUTH N.Y. N.Y. 10016

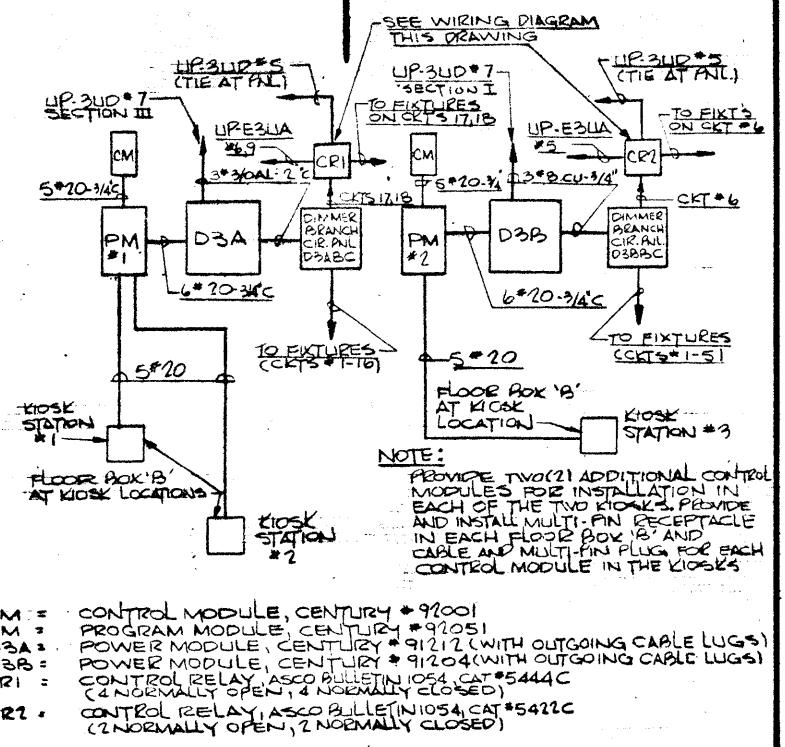
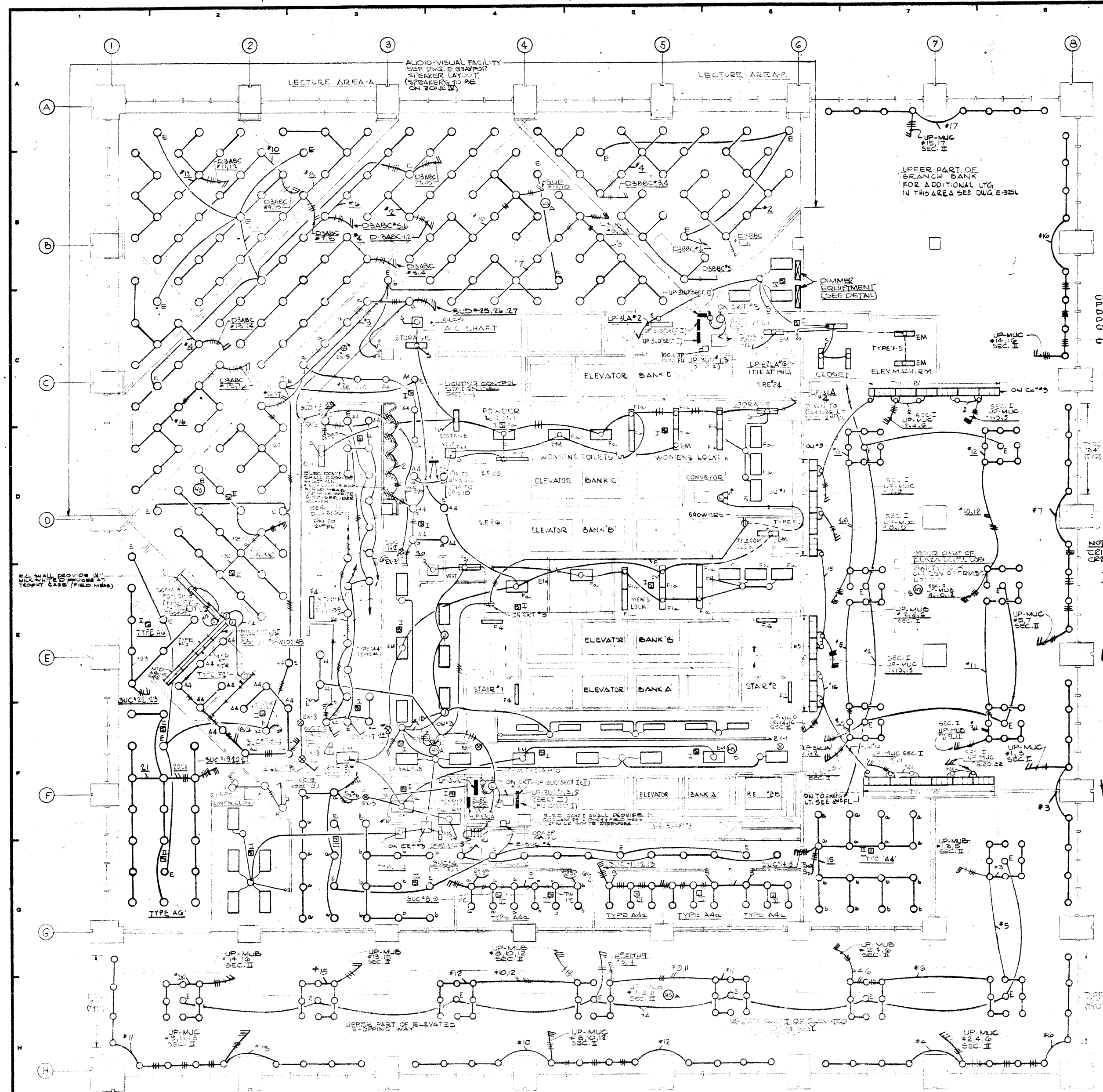
PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS  
919 THIRD AVENUE N.Y. N.Y. 10022

THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS  
515 MADISON AVENUE N.Y. N.Y. 10022

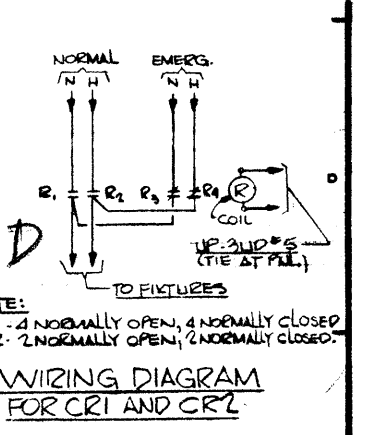
JAROS, BAUM & BOLLES MECH. & ELEC. ENGINEERS  
345 PARK AVENUE N.Y. N.Y. 10022

EMPTY CONDUIT SYSTEM FOR AUDIO-VISUAL FACILITIES 3RD FLOOR

PROJECT NUMBER	7101
DRAWING NUMBER	E-33AV
DATE	5-6-78
SCALE	1" = 1'-0"



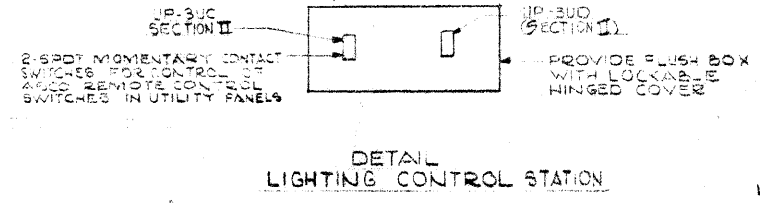
DETAIL DIMMER EQUIPMENT



REVISIONS	
NO.	DESCRIPTION

**A FISHER BROTHERS PROJECT**  
 GREENWICH AND LIBERTY ST. N.Y. N.Y.  
**SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS**  
 475 PARK AVENUE SOUTH N.Y. N.Y. 10016  
**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
 919 THIRD AVENUE N.Y. N.Y. 10022  
**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**  
 515 MADISON AVENUE N.Y. N.Y. 10022  
**J.A.R.S. BAUM & BOLLES MECHANICAL ENGINEERS**  
 345 PARK AVENUE N.Y. N.Y. 10022

DIMMER NO.	LIGHTS CONTROLLED	CONN. LOAD	MINIMUM DIMMER SIZE	DIMMER RATING PANEL	ACTIVE CIRCUITS	REMARKS
D-3A	LECTURE AREA-A	17,600	2-1/2KW	D3ABC	15	CIRC. #17, 18 ON EMERG. CIRC. #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, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.
D-3B	LECTURE AREA B	6,600	2-4KW	D3ABC	6	CIRC. #16 ON EMERG. CIRC. #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, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.



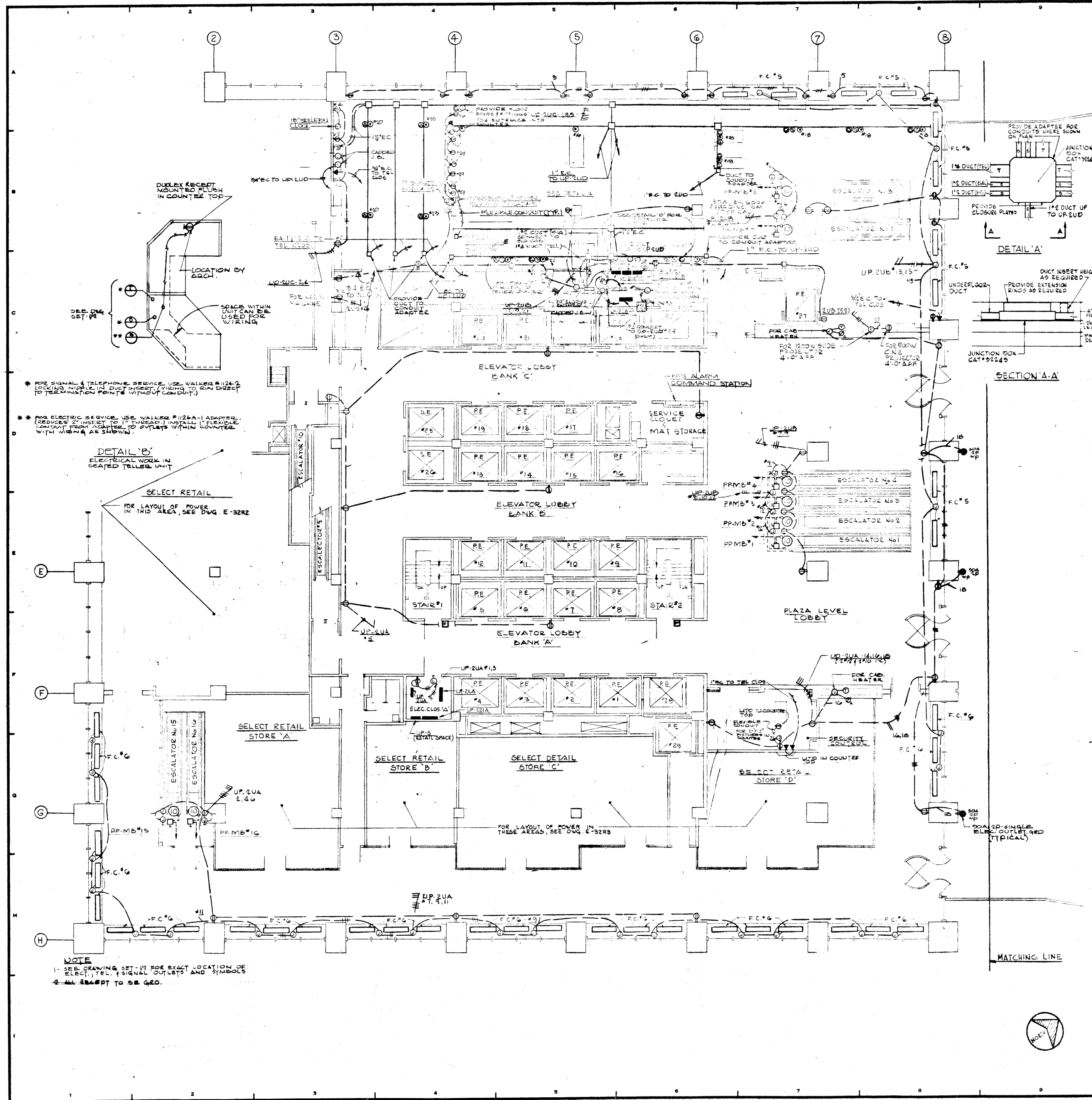
- NOTES:**
1. ALL 1"x4" FLOOR LIT. FIXTURES SHALL BE TYPE "F" UNLESS OTHERWISE NOTED.
  2. ALL 1"x4" FLOOR LIT. FIXTURES SHALL BE TYPE "F" UNLESS OTHERWISE NOTED.
  3. DIM. #15-27 FOR SPEAKERS SEE DWG E-33L

3RD FLOOR PLAN LIGHTING

7101

E-33L





\* FOR SIGNAL & TELEPHONE SERVICE, USE VALVED #1/2" LOCKING NIPPLE IN DUCT INSERT, WIRING TO RUN DIRECT TO TERMINATION POINTS WITHIN CONDUIT.

\* FOR ELECTRIC SERVICE, USE VALVED #1/2" ADAPTER. (REDUCE 2" INSERT TO 1" THREAD) INSTALL FLEXIBLE CONDUIT FROM NIPPLE TO OUTLET WITHIN COUNTERTOP WITH WIRING AS SHOWN.

DETAIL 'B'  
ELECTRICAL WORK IN GEARED TALLER UNIT

SELECT RETAIL  
FOR LAYOUT OF POWER IN THIS AREA, SEE DWG. E-32R2

NOTE  
1- SEE DRAWING SET-1/2 FOR EXACT LOCATION OF ELECT. TEL. & SIGNAL OUTLETS AND SYMBOLS  
2- ALL SYMBOLS TO BE GEO.

REVISIONS			
NO.	DATE	DESCRIPTION	PKG. NO.
12-21-78		GENERAL UPDATE	

**A FISHER BROTHERS PROJECT**

GREENWICH AND LIBERTY ST. N.Y. N.Y.

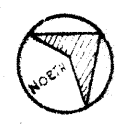
**SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS**  
475 PARK AVENUE SOUTH N.Y. N.Y. 10016

**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
919 THIRD AVENUE N.Y. N.Y. 10012

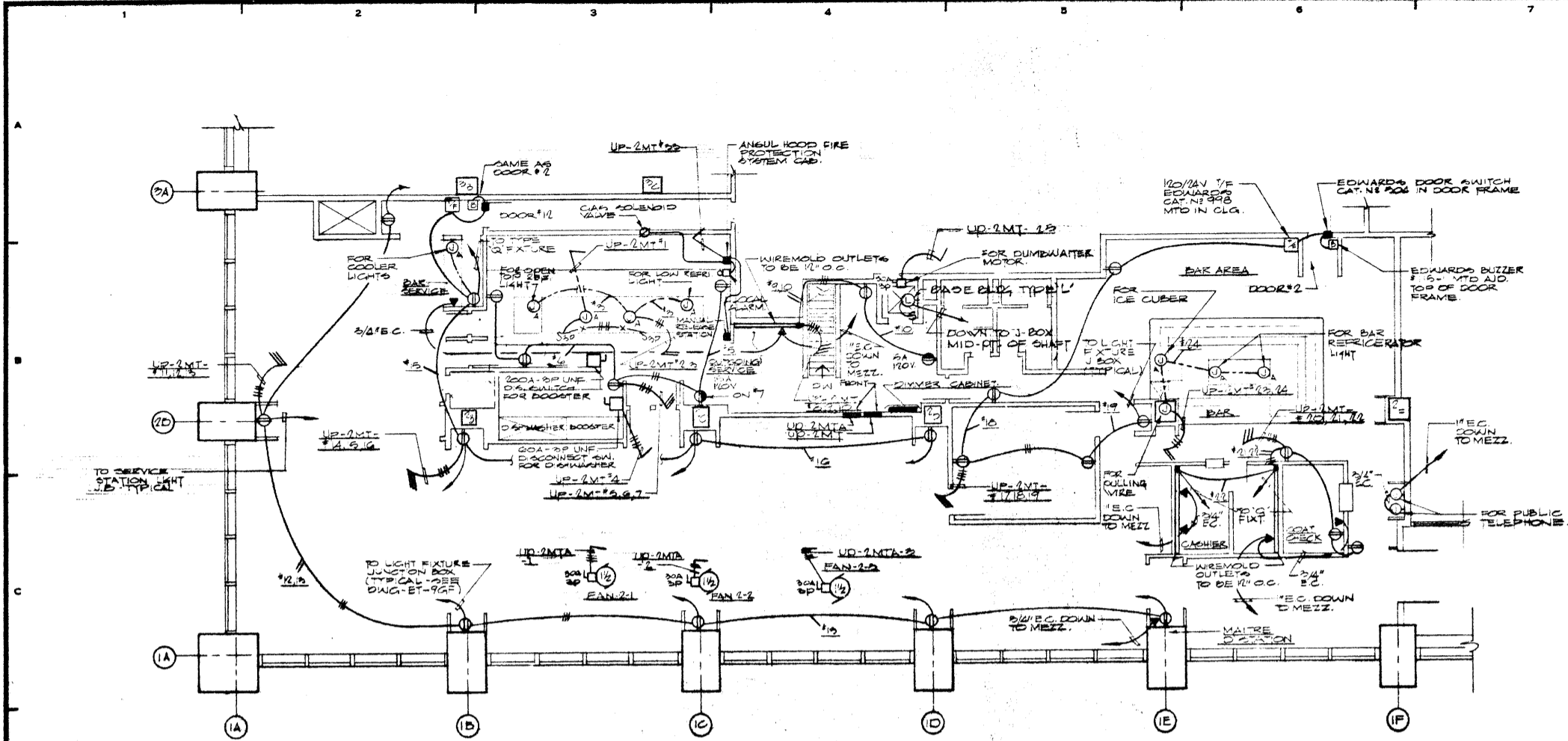
**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**  
515 MADISON AVENUE N.Y. N.Y. 10022

**JAROS, BAUM & BOLLES MECH. & ELEC. ENGINEERS**  
345 PARK AVENUE N.Y. N.Y. 10022

2ND FLOOR SOUTH POWER	
PROJECT NUMBER	7101
DRAWING NUMBER	E-32S
DATE	1-11-79
SCALE	1/8" = 1'-0"







- SYMBOL LIST**
- ⊕ WALL MTD DUPLEX RECEPTACLE (NEMA, I.P.A., G.P.D.)
  - ⊙ WALL MTD ANGLE RECEPTACLE (SEE INDICATED ON DRAWING)
  - ⊕ JUNCTION BOX - CEILING OR WALL MOUNTED
  - ⊕ FLOOR BOX - MTD IN SLAB, CAST FOR FLOOR BOX - STEEL CLIP CAN BE OBTAINED WITH STEEL CLIP - ALL FLOOR BOXES SHALL PROVIDE 1" METAL DUPLEX RECEPT.
  - CONDUIT RUN IN WALL
  - - - CONDUIT RUN EXPOSED
  - - - CONDUIT RUN IN PLUMB
  - FLEXIBLE CONDUIT
  - ⊕ WALL MTD TELEPHONE OUTLET
  - ⊕ UNFUSED DISCONNECT SWITCH (SIZE INDICATED ON DRAWING)
  - ⊕ ANGLE POLE SWITCH - SUBSTITUTED INDICATED WORKS CONTROLLED BY SWITCH
  - ⊕ SWITCH & PILOT LIGHT
  - ⊕ CEILING SPEAKER - RECESSED
  - ⊕ WALL MTD HORN SPEAKER
  - ⊕ CEILING MTD HORN SPEAKER - RECESSED
  - ⊕ PLATE WARMER - SWAY SWITCH & PILOT LIGHT
  - ⊕ LITRON D-GROUP

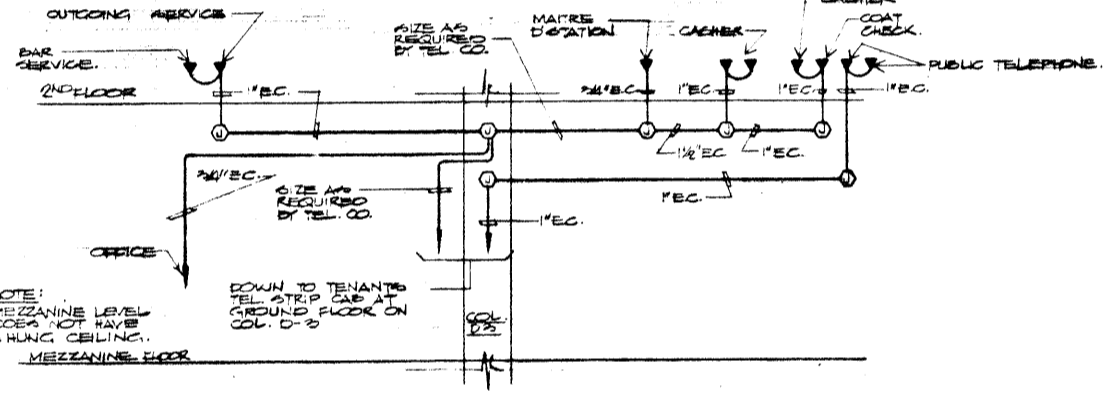
- NOTES:**
- SEE WORKER BEYOND DRAWING HEIGHT FOR EXACT LOCATION & MOUNTING HPS OF ELECTRICAL & TELEPHONE OUTLETS.
  - ELEC. CONTRACTOR SHALL FURNISH & INSTALL POWER CONDUITS & PLUGS FOR EQUIP. IF NECESSARY.
  - ALL FINAL CONNECTIONS TO ALL OTHER EQUIP. SHALL BE MADE BY ELEC. CONTRACTOR.
  - FOR EACH FAN 24" TO 36" A REMOTE CONTROL TYPE PUSH BUTTON STATION WITH PILOT LIGHT SHALL BE LOCATED IN 5' x 5' x 4" NEMA TYPE OFFICE REMOTE CONTROL STATION SHALL BE PROVIDED BY OTHERS. FANS ARE LOCATED IN 2ND FLOOR CLG. SEE HVAC-17 REV. #2.

**VOID**

SEE LOOSE LEAF BINDER IN 30TH FL. REAL ESTATE OFFICE

**SCHEDULE OF UTILITY PANELS - 110/100V - 3Ø-4W**

FEDDER NO.	CIRCUIT BREAKER	SUPPLIES	KW	Nº	WIRE GND.	REMARKS
UP-2MT#1	5 10 15	PLATE WARMER	3.6	4	#12 3/4"	
UP-2MT#2	1 100 15	RECEPTACLES (10) WORK TABLE	1.0	5	#12 3/4"	CONNECT TO REB.
UP-2MT#3	1 100 15	RECEPTACLES (10) BAY	1.0	5	#12 3/4"	COMP. REMOTE
UP-2MT#4	1 100 15	DISHWASHER	1.0	2	#12 3/4"	
UP-2MT#5	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#6	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#7	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#8	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#9	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#10	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#11	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#12	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#13	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#14	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#15	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#16	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#17	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#18	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#19	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#20	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#21	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#22	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#23	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#24	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#25	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#26	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#27	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#28	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#29	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#30	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#31	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#32	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#33	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#34	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#35	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#36	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#37	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#38	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#39	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#40	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#41	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#42	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#43	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#44	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#45	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#46	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#47	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#48	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#49	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#50	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#51	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#52	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#53	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#54	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#55	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#56	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#57	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#58	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#59	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#60	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#61	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#62	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#63	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#64	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#65	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#66	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#67	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#68	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#69	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#70	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#71	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#72	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#73	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#74	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#75	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#76	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#77	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#78	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#79	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#80	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#81	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#82	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#83	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#84	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#85	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#86	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#87	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#88	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#89	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#90	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#91	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#92	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#93	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#94	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#95	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#96	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#97	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#98	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#99	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	
UP-2MT#100	1 100 15	RECEPTACLES (8)	1.0	4	#12 3/4"	



**SCHEMATIC DIAGRAM FOR TELEPHONE OUTLETS**  
NOT TO SCALE

**NOTE:**  
ARCH TO VERIFY EMPTY CONDUIT SHOWN MEETS REQUIREMENT OF THE CODE PRIOR TO INSTALLATION

**BANKERS TRUST PLAZA**

**A FISHER BROTHERS PROJECT**

GREENWICH AND LIBERTY ST. N.Y. N.Y.

**SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS**  
475 PARK AVENUE SOUTH N.Y. N.Y. 10016

**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
919 THIRD AVENUE N.Y. N.Y. 10022

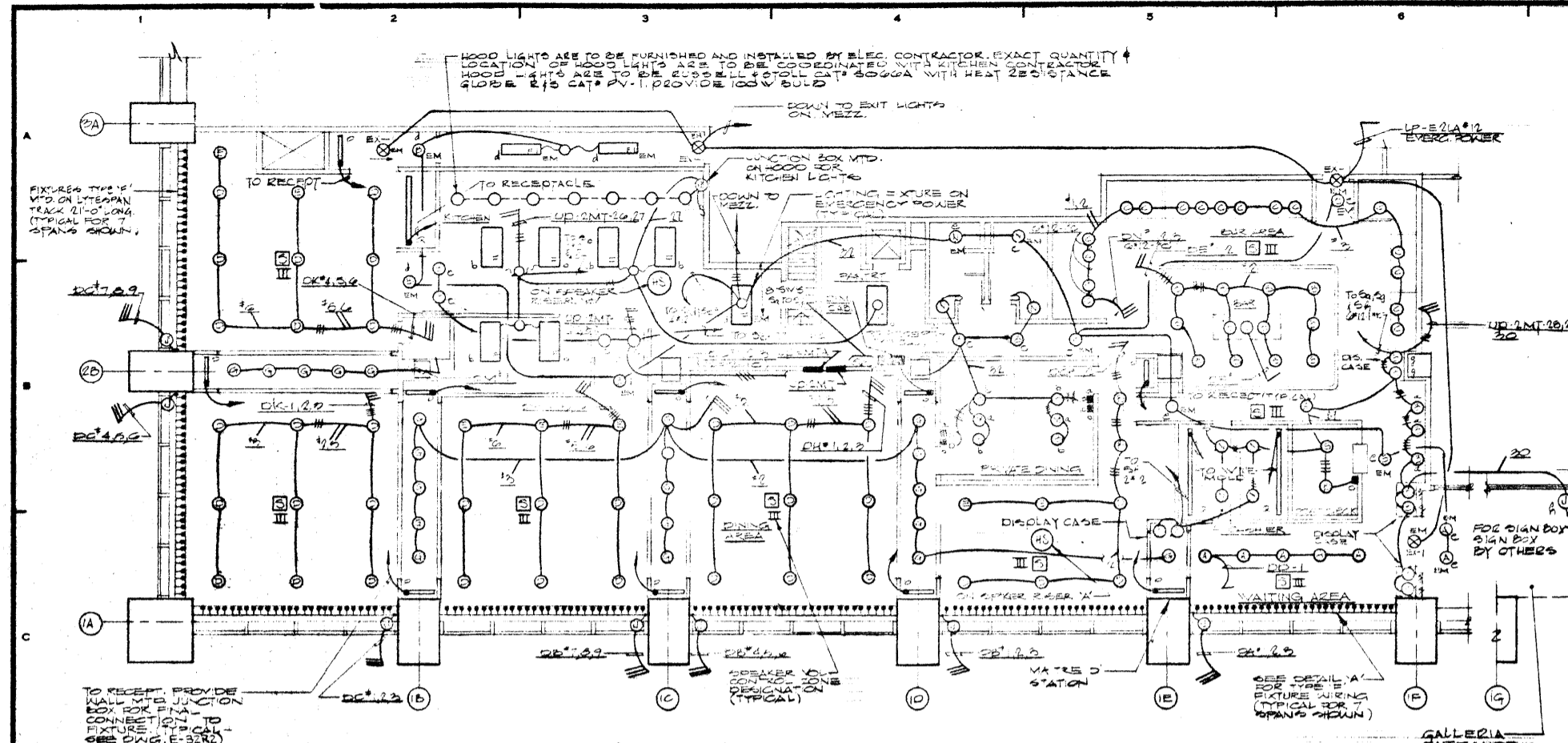
**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**  
315 MADISON AVENUE N.Y. N.Y. 10022

**J. A. ROSS, BAUM & BOLLES MECH. ELEC. ENGINEERS**  
345 PARK AVENUE N.Y. N.Y. 10022

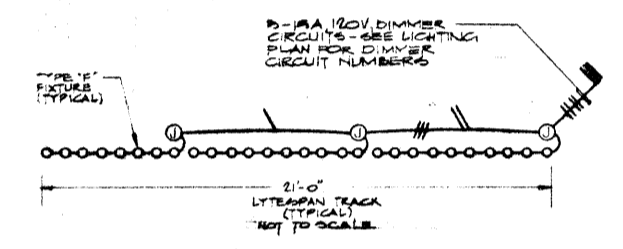
TENANT:  
VAO TAI RESTAURANT

2ND FLOOR POWER PLAN

PROJECT NUMBER	7101
DRAWING NUMBER	E-32R2
DATE	9-12-74
SCALE	1/8" = 1'-0"



MAD-TAI RESTAURANT 2<sup>ND</sup> FLOOR  
LIGHTING PLAN  
SCALE 3/8"=1'-0"

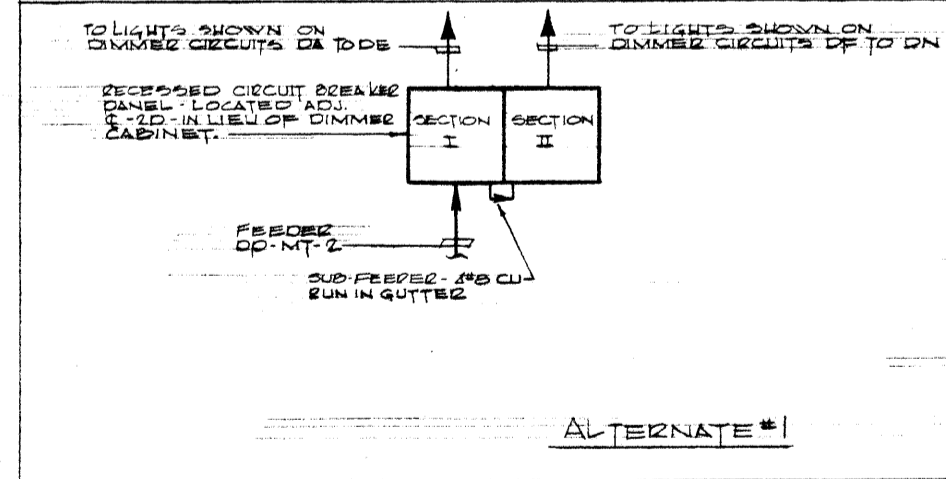


DETAIL A  
SCALE 1/2"=1'-0"

**DIMMER NOTES:**

1. THE DIMMER CABINET SHALL BE NEMA OPEN SURFACE MOUNTED OF APPROPRIATE SIZE AND RANGE TO ACCOMMODATE THE DIMMER MODULES AS SIZED IN THE DIMMER SCHEDULE. DIMMER CABINET SHALL BE PRIMED / PAINTED COLOR SPEC. BY ARCHITECT.
  2. DIMMER MODULES ARE TO BE ENCLOSED IN A COMMON DIMMER CABINET. INPUT VOLTAGE SHALL BE 200V 1Ø. DIMMER CABINET SHALL HAVE 100 AMP MAIN BREAKER.
  3. EACH DIMMING MODULE SHALL HAVE AN APPROPRIATE SIZED MAIN INPUT BREAKER.
  4. OUTPUT BREAKERS SHALL BE 1/2" MIN. THE NUMBER OF CIRCUITS DIMMER BREAKERS PER DIMMING MODULE AS INDICATED IN SCHEDULE.
  5. THE ENTIRE DIMMING SYSTEM SHALL BE CUSTOM DESIGNED, MANUFACTURED, PRE-WIRED AND TESTED BY LICENSED ELECTRICIAN IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE OF COOPERBURG, IA, 180000.
  6. DIMMER CABINET SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
  7. INDIVIDUAL MANUAL REMOTE CONTROL STATIONS FOR EACH DIMMER CIRCUIT SHALL BE LOCATED AT THE VALET STATION. EACH REMOTE CONTROL STATION SHALL BE CONTROLLED BY A 2" DIA. NEAR QUEUE CONTROL TYPE.
  8. ARCHITECT CABINET MANUFACTURER TO COORDINATE LOCATION OF DIMMER CONTROL STATIONS WITHIN VALET STATION'S CONTROL AND ENTRANCE DOORWAY.
  9. ELECTRICAL CONTRACTOR SHALL PROVIDE AND INSTALL 2" Ø EMT FROM DIMMER CABINET TO MAKE DISTANCE FOR CONTROL WIRING. COVER SHALL BE 1/2" Ø. THE LOCATION OF VALET STATION SHALL BE AS SHOWN ON PLAN. ENTRANCE TO VALET STATION SHALL BE AS SHOWN ON PLAN. DIMMER AND VALET STATION SHALL BE 2" Ø CONDUIT FOR CONTROL WIRING.
- \* NOTE:  
QUANTITY OF CONTROL WIRES NEEDED SHALL BE DETERMINED BY DIMMER MANUFACTURER.
10. 2" Ø EMT FACILITATE FOR CONTROL STATION AS SHOWN. IT SHALL BE SPEC. BY ARCHITECT.

DIMMER MODULE DESIGNATION	DIMMER MODULE CONNECTED VOLTS / WATTS	MINIMUM DIMMER OCCURRING WATTS	QUANTITY OF 1/2" Ø EMT TO BE RUN BETWEEN DIMMER MODULES	REMARKS
DA	2100	2500	5	
DB	2300	2600	9	
DC	2300	2500	9	
DD	975	2500	1	
DE	900	2500	2	
DF	910	2500	1	
DA	1260	2500	2	
DI	2300	5000	9	
DJ	2700	5000	9	
DL	1100	2500	2	
DN	975	2500	1	
DN	990	2500	3	



ALTERNATE #1

**NOTES**

1. IN LIEU OF ORIGINAL PROPOSED DIMMER CABINET PROVIDE (INSTEAD) A TWO SECTION RECESSED CIRCUIT BREAKER PANEL. RECESSED CIRCUIT BREAKER PANEL SHALL BE USED TO SUB-FEED SECTION I.
2. SECTION I SHALL HAVE TWENTY (20) POLE CIRCUIT BREAKERS TO SERVE THE LIGHTING LOCALS SHOWN ON DIMMER CIRCUITS DA-1 TO DE-2.
3. SECTION II SHALL HAVE TWENTY-TWO (22) POLE CIRCUIT BREAKERS TO SERVE THE LIGHTING LOCALS SHOWN ON DIMMER CIRCUITS DI-1 TO DI-2.
4. ALL LIGHTING FIXTURES SHOWN ON PLAN AS DIMMER CONTROLLED SHALL BE CIRCUIT BREAKER CONTROLLED.
5. PROVIDE 2" Ø EMPTY CONDUIT, TERMINATE IN HUNG EMT WITH SUITABLE JUNCTION BOXES. LOCATE JUNCTIONS ABOVE BREAKER PANEL AND ABOVE VALET STATION.

TYPE	SYMBOL	MANUFACTURER & CAT. NO.	LAMP	REMARKS	ROOMS / ROOMS TO BE SERVED
A	(A)	OPEN REFLECTOR - ACCENT TYPE - 7\"/>			

- NOTES:**
1. ALL LIGHTING FIXTURES ARE TO HAVE 120V BALLAST.
  2. SEE FLOOR PLAN FOR DIMMER SCHEDULE. DIMMER SCHEDULE IS TO BE COORDINATED WITH ARCHITECT CONTRACTOR.
  3. SEE FLOOR PLAN FOR DIMMER SCHEDULE. DIMMER SCHEDULE IS TO BE COORDINATED WITH ARCHITECT CONTRACTOR.
  4. CAB. CONTRACTOR TO SUPPLY & INSTALL SWITCHES FOR THE DIMMER SCHEDULE. DIMMER SCHEDULE IS TO BE COORDINATED WITH ARCHITECT CONTRACTOR. DIMMER SCHEDULE IS TO BE COORDINATED WITH ARCHITECT CONTRACTOR.
  5. SEE FLOOR PLAN FOR DIMMER SCHEDULE. DIMMER SCHEDULE IS TO BE COORDINATED WITH ARCHITECT CONTRACTOR.
  6. SEE FLOOR PLAN FOR DIMMER SCHEDULE. DIMMER SCHEDULE IS TO BE COORDINATED WITH ARCHITECT CONTRACTOR.

12/21/75 GENERAL UPDATE  
N2 DATE DESCRIPTION  
**EVAN FISHER BROTHERS PLAZA**

**A FISHER BROTHERS PROJECT**

GREENWICH AND LIBERTY ST. N.Y. N.Y.

SHREVE, LAMB & HARMON ASSOCIATES P.C.  
ARCHITECTS  
475 PARK AVENUE SOUTH N.Y. N.Y. 10016

PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS  
919 THIRD AVENUE N.Y. N.Y. 10022

THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS  
515 MADISON AVENUE N.Y. N.Y. 10022

JAROS, BAUM & BOLLES MECH. & ELEC. ENGINEERS  
345 PARK AVENUE N.Y. N.Y. 10022

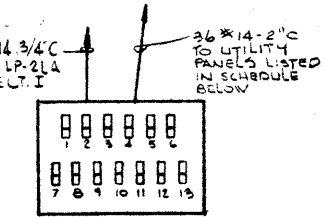
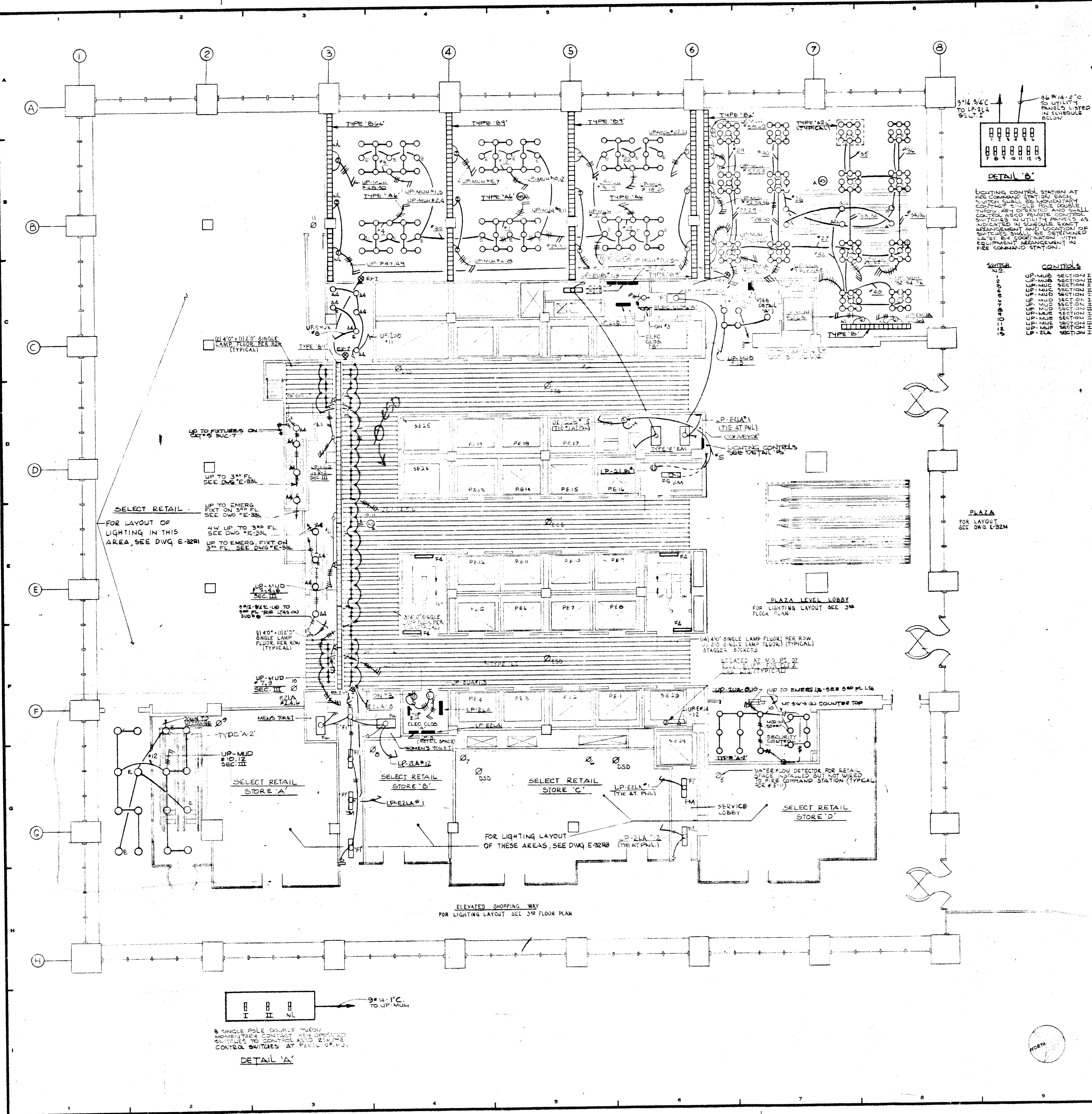
TENANT:  
MAD-TAI RESTAURANT

2<sup>ND</sup> FLOOR LIGHTING PLAN

PROJECT NUMBER	7101
DRAWING NUMBER	E-32RI
DATE	9-12-75
SCALE	3/8"=1'-0"

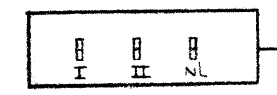






**DETAIL 'B'**  
 LIGHTING CONTROL STATION AT FIRE COMMAND STATION. EACH SWITCH SHALL BE MOMENTARY CONTACT SINGLE POLE DOUBLE THROW. ALL OTHERS AND SMALL CONTROL ALSO REMOTE CONTROL SWITCHES IN UTILITY PANELS AS INDICATED IN SCHEDULE. EXACT ASSIGNMENT AND LOCATION OF SWITCHES SHALL BE DETERMINED LATER BY CONSULTATION WITH EQUIPMENT MANUFACTURER IN FIRE COMMAND STATION.

SWITCH NO.	CONTROLS
1	UP-MUB SECTION I
2	UP-MUB SECTION II
3	UP-MUB SECTION III
4	UP-MUB SECTION IV
5	UP-MUB SECTION V
6	UP-MUB SECTION VI
7	UP-MUB SECTION VII
8	UP-MUB SECTION VIII
9	UP-MUB SECTION IX
10	UP-MUB SECTION X
11	UP-MUB SECTION XI
12	UP-MUB SECTION XII
13	UP-MUB SECTION XIII
14	UP-MUB SECTION XIV
15	UP-MUB SECTION XV



**DETAIL 'A'**  
 SINGLE POLE DOUBLE THROW MOMENTARY CONTACT REMOTE CONTROL SWITCHES TO CONTROL AND ZONE CONTROL SWITCHES AT PANEL UP-MUB.

12-21-78	GENERAL UPDATE		
REVISIONS			
NO.	DATE	DESCRIPTION	
ISSUED TO	NO.	DATE	PKG. NO.

**A FISHER BROTHERS PROJECT**  
 GREENWICH AND LIBERTY ST. N.Y. N.Y.

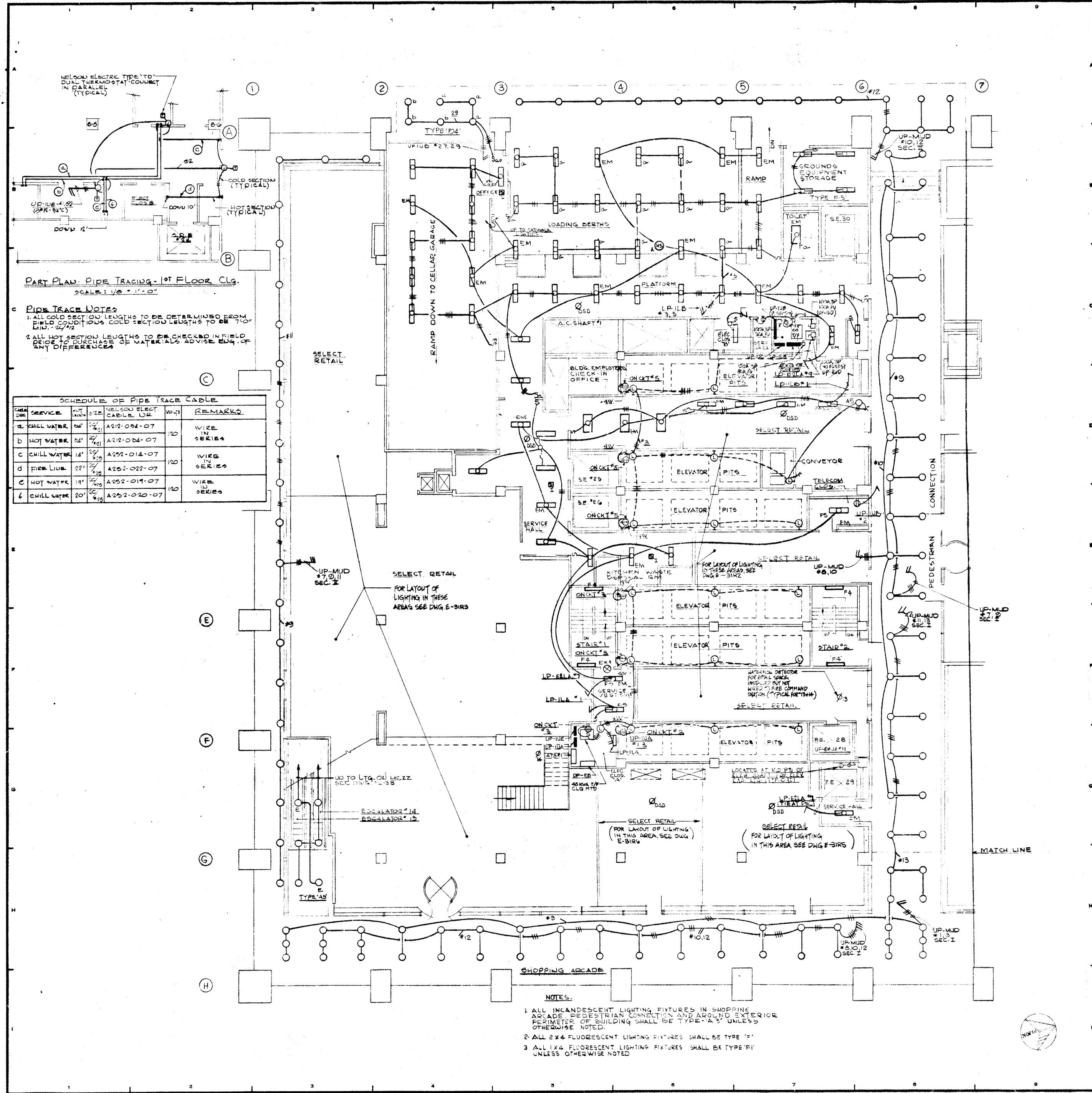
**SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS**  
 475 PARK AVENUE SOUTH N.Y. N.Y. 10016

**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
 919 THIRD AVENUE N.Y. N.Y. 10022

**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**  
 315 MADISON AVENUE N.Y. N.Y. 10022

**J. A. ROS, BAUM & BOLLES MECH. & ELEC. ENGINEERS**  
 345 PARK AVENUE N.Y. N.Y. 10022

<b>2<sup>ND</sup> FLOOR SOUTH LIGHTING</b>	
PROJECT NO.	7101
DRAWING NUMBER	E-32SL
DATE	
SCALE	



**PART PLAN: PIPE TRACING - 1ST FLOOR CLG.**  
SCALE: 1/8" = 1'-0"

**PIPE TRACE NOTES:**  
1. ALL COLD SECTION LENGTHS TO BE DETERMINED FROM FIELD CONDITIONS. COLD SECTION LENGTHS TO BE 7'-0" MIN. TO 7'-2" MAX.  
2. ALL HOT SECTION LENGTHS TO BE CHECKED IN FIELD PRIOR TO PURCHASE OF MATERIALS. ADVISE EDG. OF ANY DIFFERENCES.

CABLE SIZE	SERVICE	WIRE SIZE	NELSON ELECT. CABLE USE	REMARKS
2"	CHILL WATER	2"	A212-024-07	WIRE IN SERIES
2"	HOT WATER	2"	A212-024-07	WIRE IN SERIES
1 1/2"	CHILL WATER	1 1/2"	A252-014-07	WIRE IN SERIES
1 1/2"	FIRE LIQU.	1 1/2"	A252-022-07	WIRE IN SERIES
1 1/2"	HOT WATER	1 1/2"	A252-014-07	WIRE IN SERIES
1 1/2"	CHILL WATER	1 1/2"	A252-022-07	WIRE IN SERIES

- NOTES:**
1. ALL INCANDESCENT LIGHTING FIXTURES IN SHOPPING ARCADE, PEDESTRIAN CONNECTION AND AROUND EXTERIOR PERIMETER OF BUILDING SHALL BE TYPE "A" UNLESS OTHERWISE NOTED.
  2. ALL 2 X 4 FLUORESCENT LIGHTING FIXTURES SHALL BE TYPE "F".
  3. ALL 1 X 4 FLUORESCENT LIGHTING FIXTURES SHALL BE TYPE "F1" UNLESS OTHERWISE NOTED.

NO.	DATE	DESCRIPTION	PKG. NO.
12-21-78		GENERAL UPDATE	

**A FISHER BROTHERS PROJECT**

GREENWICH AND LIBERTY ST. N.Y. N.Y.

**SHRIVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS**  
475 PARK AVENUE SOUTH N.Y. N.Y. 10016

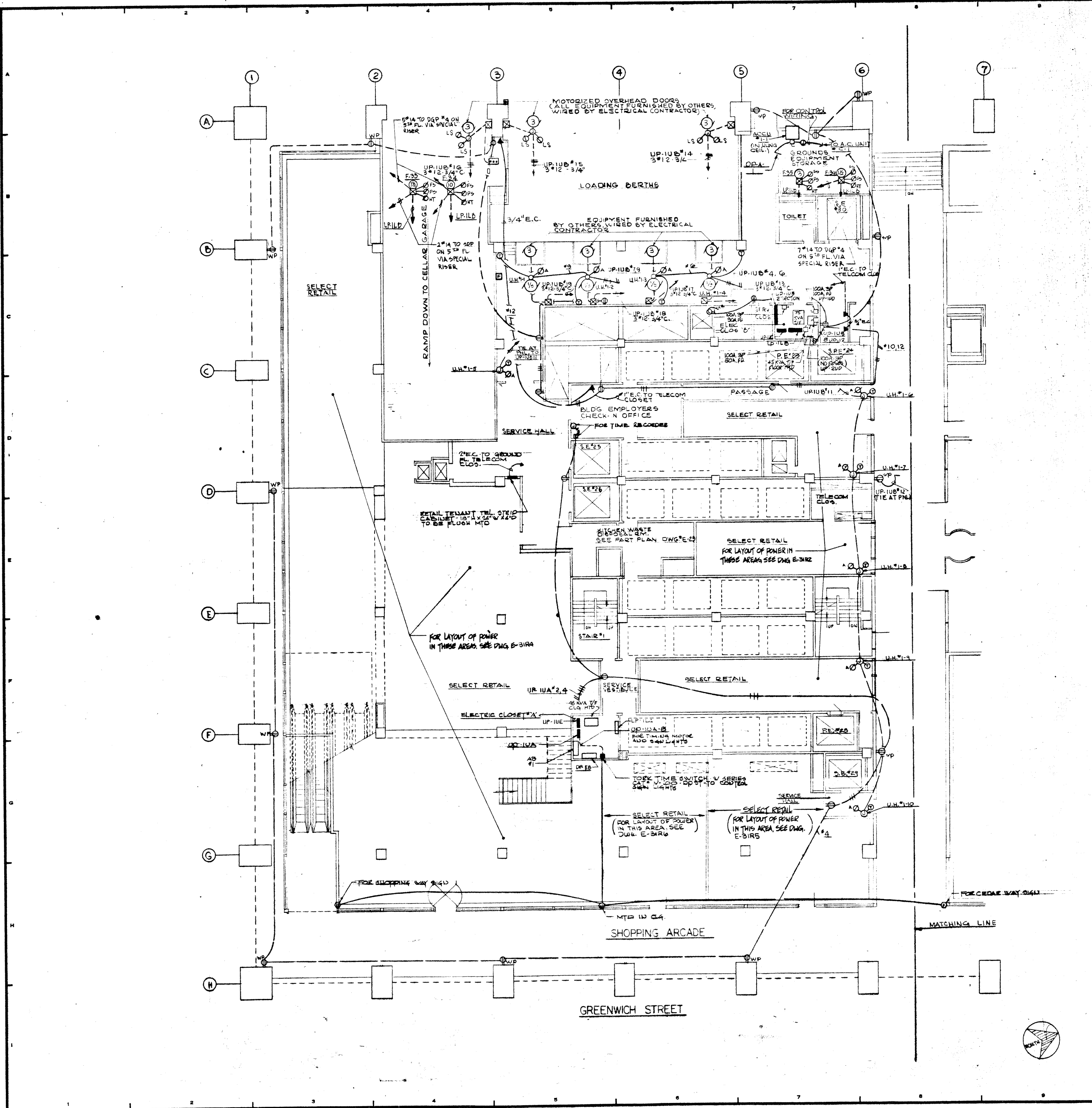
**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
919 THIRD AVENUE N.Y. N.Y. 10022

**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**  
515 MADISON AVENUE N.Y. N.Y. 10022

**JAROS, BAUM & BOLLES MECH. & ELEC. ENGINEERS**  
345 PARK AVENUE N.Y. N.Y. 10022

**1ST FLOOR PLAN SOUTH LIGHTING**

PROJECT NUMBER	7101
DRAWING NUMBER	E-31SL
DATE	1. 7. 72
SCALE	1/8" = 1'-0"



12-21-76	GENERAL UPDATE	
REVISIONS		
NO.	DATE	DESCRIPTION
ISSUED TO	NO.	DATE
		PKG. NO.

**A FISHER BROTHERS PROJECT**

GREENWICH AND LIBERTY ST. N.Y. N.Y.

**SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS**

475 PARK AVENUE SOUTH N.Y. N.Y. 10016

**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**

919 THIRD AVENUE N.Y. N.Y. 10022

**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**

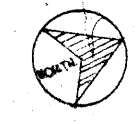
515 MADISON AVENUE N.Y. N.Y. 10022

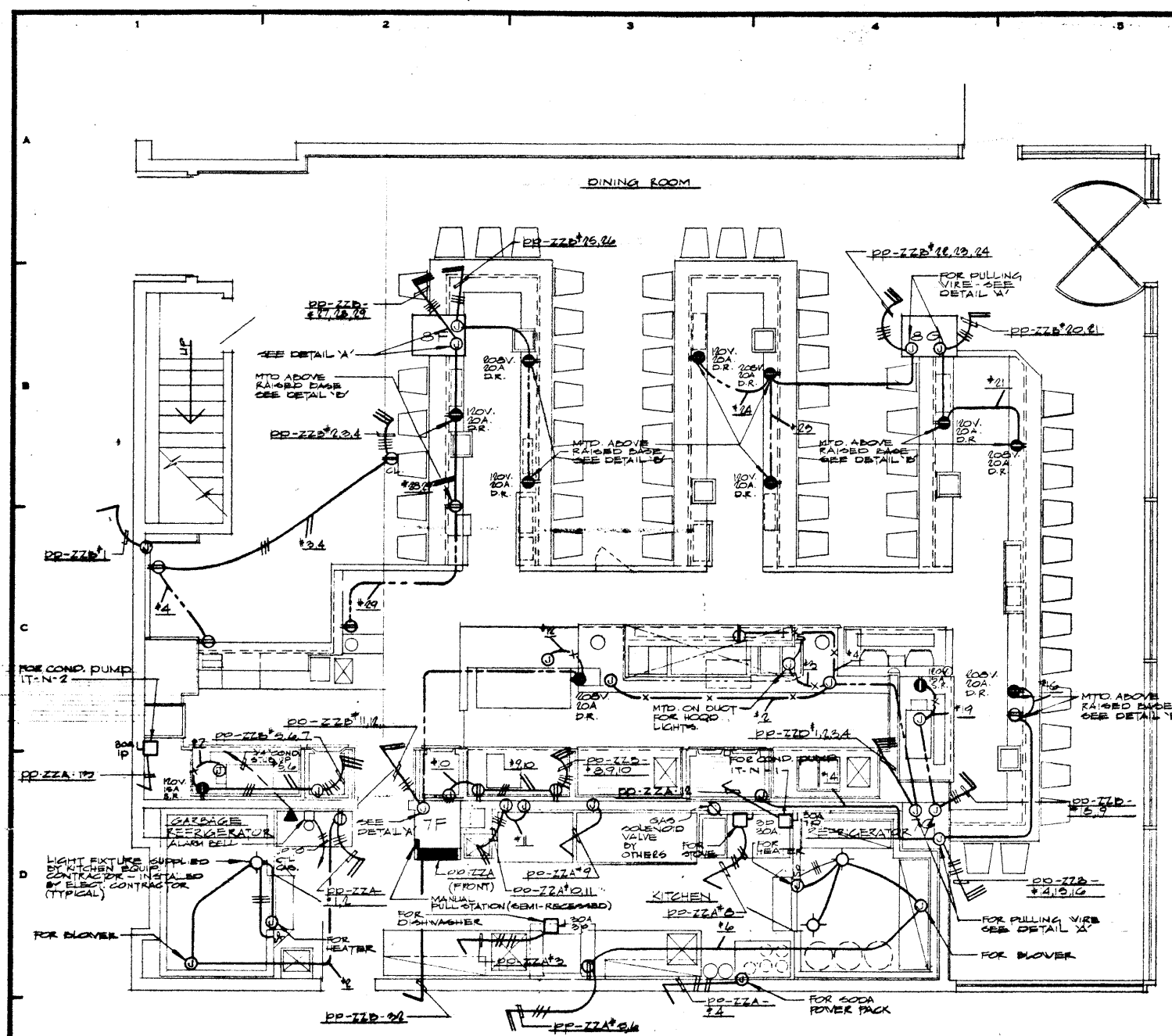
**J. A. ROSS, BAUM & BOLLES MECH. & ELEC. ENGINEERS**

345 PARK AVENUE N.Y. N.Y. 10022

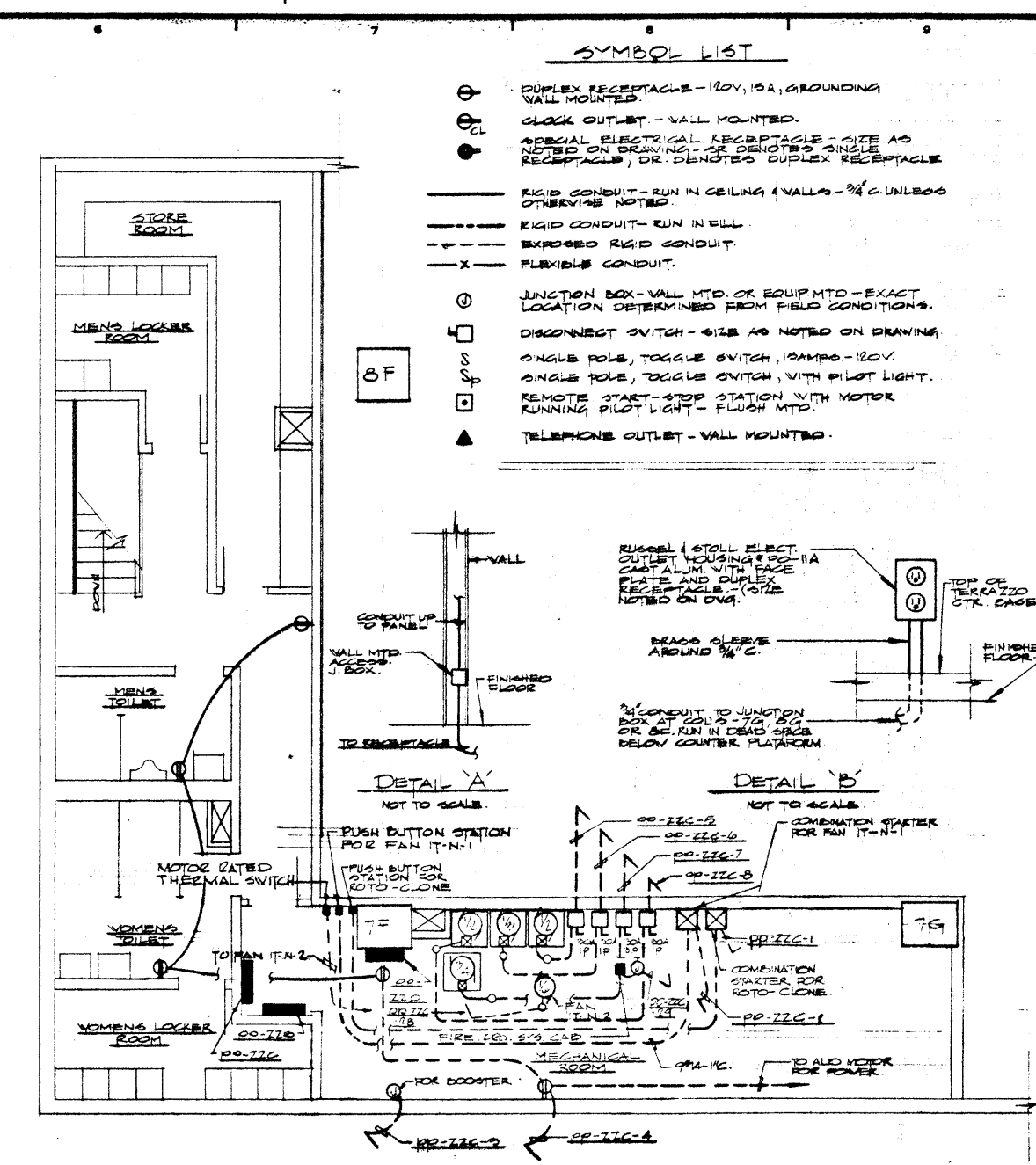
**1ST FLOOR PLAN SOUTH POWER**

PROJECT NUMBER	7101
DRAWING NUMBER	E-31S
DATE	1-9-72
SCALE	1/8" = 1'-0"





ZUM ZUM RESTAURANT - GROUND FLOOR  
POWER PLAN  
SCALE 1/4" = 1'-0"



ZUM ZUM RESTAURANT - MEZZANINE FLOOR  
POWER PLAN  
SCALE 1/4" = 1'-0"

- SYMBOL LIST**
- DUPLEX RECEPTACLE - 120V, 15A, GROUNDING WALL MOUNTED
  - CLOCK OUTLET - WALL MOUNTED
  - SPECIAL ELECTRICAL RECEPTACLE - SIZE AS NOTED ON DRAWING - OR DERIVED FROM RECEPTACLE; DR. DENOTED DUPLEX RECEPTACLE OTHERWISE NOTED
  - RIGID CONDUIT - RUN IN CEILING & WALLS - 3/4" UNLESS OTHERWISE NOTED
  - RIGID CONDUIT - RUN IN WALL
  - - - FLEXIBLE RIGID CONDUIT
  - X FLEXIBLE CONDUIT
  - JUNCTION BOX - WALL MTD. OR EQUIP. MTD. - EXACT LOCATION DETERMINED FROM FIELD CONDITIONS.
  - DISCONNECT SWITCH - SIZE AS NOTED ON DRAWING
  - SINGLE POLE, TOGGLE SWITCH, 15 AMP - 120V
  - SINGLE POLE, TOGGLE SWITCH, WITH PILOT LIGHT
  - REMOTE START-STOP STATION WITH MOTOR RUNNING PILOT LIGHT - FLUSH MTD.
  - ▲ TELEPHONE OUTLET - WALL MOUNTED

- NOTES:**
1. GEN. CONTRACTOR SHALL COORDINATE EXACT LOCATION OF ALL EQUIP. CONNECTIONS, JUNCTION BOXES, ETC. WITH KITCHEN EQUIP. CONTRACTOR.
  2. ALL FINAL CONNECTIONS TO EQUIP. SHALL BE MADE BY BLDG. CONTR.
  3. BLDG. CONTRACTOR SHALL FURN. & INSTALL REPAIR GROUND PLUGS FOR EQUIP. IF NECESSARY.
  4. SEE RESTAURANT ASSOCIATION EQUIP. & MECH. DRAWINGS FOR MOUNTING MTD. AND EXACT LOCATION OF ALL POWER OUTLETS, SWITCHES, ETC.
  5. TELEPHONE LINES ARE TO BE RETURNED TO TENANT TELEPHONE FLOOR VIA 3/4" B.C.
  6. SEE J.D.B. DRAWING E-317 FOR WIRING DIAGRAMS.
  7. LOCATION OF STARTERS, PANELS ETC. IN MECHANICAL ROOM SHOULD BE COORDINATED BY S.C. TO PREVENT CONFLICTS & PROVIDE FOR PROPER CLEARANCE.
  8. SEE J.D.B. DRAWING HVAC-111 FOR EXACT LOCATION OF MECH. EQUIP. IN MECHANICAL ROOM.
  9. SEE J.D.B. DRAWING E-318 FOR ELECTRICAL SYMBOLS, CONNECTIONS TO PANEL NO. 222. THE LANDLORD (BANKERS TRUST) IS RESPONSIBLE FOR THE INSTALLATION OF THE FEEDERS TO THE NEAREST REMAINING WALL, AS SELECTED BY LANDLORD.
  10. E.C. SHALL PROVIDE AND INSTALL STARTERS FOR COND. PUMPS IN 112. STARTERS SHALL BE MOUNTED 24" IN CONDUIT ABOVE CREATION OF BUILDING FLOOR. SHALL BE PROVIDED BY OTHERS.

**SCHEDULE OF POWER PANELS 120/208V-3Ø-4W**

FEEDER NO.	CIR. BREAKER	ITEM NO.	SUPPLIES	KV	FEEDER SIZE	REMARKS
PP-22A-1	1	100	10	—	—	DUPLEX RECEPTACLE
PP-22A-2	1	100	10	46	—	SINKAGE RECEPTACLE
PP-22A-3	3	100	10	69	—	DISHWASHER
PP-22A-4	3	100	20	36	—	SODA POWER PACK
PP-22A-5	1	100	10	—	—	DUPLEX RECEPTACLE
PP-22A-6	1	100	10	34	—	REFRIGERATOR HYD. BLOWER
PP-22A-7	1	100	5	—	—	SPARE
PP-22A-8	3	100	20	60	—	MOTOR
PP-22A-9	3	100	10	61	—	REFRIGERATOR
PP-22A-10	2	100	10	50	—	ICE MAKER
PP-22A-11	2	100	5	50	—	ICE MAKER
PP-22A-12	1	100	5	—	—	CONDENSATE PUMP (T.N.)
PP-22A-13	1	100	10	—	—	CONDENSATE PUMP (T.N.)
PP-22A-14	1	100	10	—	—	SPARE
PP-22A-15	1	100	10	—	—	SPARE
PP-22A-16	1	100	10	—	—	SPARE
PP-22C-1	3	100	50	—	—	MOTO - CLONE (10HP)
PP-22C-2	3	100	15	—	—	FAN (T.N.) (2HP)
PP-22C-3	2	100	15	—	—	HOT WATER BOILER
PP-22C-4	1	100	10	—	—	(5) DUPLEX RECEPTACLES
PP-22C-5	1	100	10	69	—	COMPRESSOR (1/2HP)
PP-22C-6	1	100	10	72	—	COMPRESSOR (1/2HP)
PP-22C-7	3	100	5	—	—	CONDENSATOR (1/2HP)
PP-22C-8	1	100	5	—	—	CONDENSATOR (1/2HP)
PP-22C-9	1	100	10	—	—	(1) 4' LG. FIXTURES
PP-22C-10	1	100	10	—	—	(1) 4' LG. FIXTURES
PP-22C-11	1	100	10	—	—	(1) 4' LG. FIXTURES
PP-22C-12	1	100	10	—	—	DUPLEX RECEPT. ZUM ZUM
PP-22C-13	1	100	10	—	—	DUPLEX RECEPT. ZUM ZUM
PP-22C-14	1	100	10	—	—	(1) 1' LG. FIXTURES
PP-22C-15	1	100	10	—	—	DUPLEX RECEPT. ZUM ZUM
PP-22C-16	1	100	10	—	—	DUPLEX RECEPT. ZUM ZUM
PP-22C-17	1	100	10	—	—	(1) 1' LG. FIXTURES
PP-22C-18	1	100	10	—	—	DUPLEX RECEPT. ZUM ZUM
PP-22C-19	1	100	10	—	—	SPARE
PP-22C-20	1	100	10	—	—	(6) 1' LG. FIXTURES
PP-22C-21	1	100	10	—	—	(6) 1' LG. FIXTURES
PP-22C-22	1	100	10	—	—	(1) 1' LG. FIXTURES
PP-22C-23	1	100	10	—	—	(1) 1' LG. FIXTURES
PP-22C-24	1	100	10	—	—	(1) 1' LG. FIXTURES
PP-22C-25	1	100	10	—	—	(1) 1' LG. FIXTURES
PP-22C-26	1	100	10	—	—	(1) 1' LG. FIXTURES
PP-22C-27	1	100	10	—	—	(1) 1' LG. FIXTURES
PP-22C-28	1	100	10	—	—	FAN (T.N.)
PP-22C-29	1	100	10	—	—	MOTO. CONTROL
PP-22C-30	1	100	10	—	—	DUPLEX RECEPT. ZUM ZUM
PP-22C-31	1	100	10	—	—	DUPLEX RECEPT. ZUM ZUM
PP-22C-32	1	100	10	—	—	DUPLEX RECEPT. ZUM ZUM
PP-22C-33	1	100	10	—	—	SPARE

**SCHEDULE OF POWER PANELS 120/208V-3Ø-4W**

FEEDER NO.	CIR. BREAKER	ITEM NO.	SUPPLIES	KV	FEEDER SIZE	REMARKS
PP-22B-1	3	100	15	19	—	OPEN DISPLAY CASE
PP-22B-2	1	100	15	—	—	CLOCK OUTLET
PP-22B-3	1	100	15	—	—	DUPLEX RECEPTACLE
PP-22B-4	1	100	15	11	—	DUPLEX RECEPTACLE
PP-22B-5	1	100	15	28	—	REFRIGERATOR
PP-22B-6	1	100	15	21	—	COFFEE URN
PP-22B-7	1	100	15	21	—	COFFEE URN
PP-22B-8	2	100	20	25	—	DUPLEX RECEPTACLE
PP-22B-9	1	100	15	24	—	SINK
PP-22B-10	1	100	15	25	—	REFRIGERATOR
PP-22B-11	2	100	10	31	—	TOASTER
PP-22B-12	1	100	15	—	—	DISPLAY CASE
PP-22B-13	5	100	20	—	—	PANEL PP-22D
PP-22B-14	1	100	10	7	—	REFRIGERATOR
PP-22B-15	1	100	10	—	—	DUPLEX RECEPTACLE
PP-22B-16	2	100	20	15	—	MALFUNCTION EQUIP.
PP-22B-17	3	100	20	—	—	KITCHEN COZZA
PP-22B-18	1	100	5	21	—	COFFEE URN CONTROL
PP-22B-19	1	100	15	21	—	COFFEE URN CONTROL
PP-22B-20	2	100	20	15	—	MALFUNCTION EQUIP.
PP-22B-21	1	100	20	15	—	MALFUNCTION EQUIP.
PP-22B-22	2	100	20	15	—	MALFUNCTION EQUIP.
PP-22B-23	1	100	20	15	—	MALFUNCTION EQUIP.
PP-22B-24	1	100	20	15	—	MALFUNCTION EQUIP.
PP-22B-25	1	100	20	15	—	MALFUNCTION EQUIP.
PP-22B-26	1	100	20	15	—	MALFUNCTION EQUIP.
PP-22B-27	1	100	20	15	—	MALFUNCTION EQUIP.
PP-22B-28	1	100	15	—	—	DUPLEX RECEPTACLE
PP-22B-29	1	100	15	17	—	ICE CREAM CAB.
PP-22B-30	1	100	15	21	—	COFFEE URN CONTROL
PP-22B-31	1	100	15	21	—	COFFEE URN CONTROL
PP-22D-1	1	100	15	25	—	GROOVE STAND
PP-22D-2	1	100	15	25	—	GROOVE STAND
PP-22D-3	1	100	15	27	—	HOOD LIGHTS
PP-22D-4	1	100	15	24	—	ROLL WARMER
PP-22D-5	3	100	15	—	—	SPARE

**NOTES:**  
MOUNT AN INDOOR REMOTE CONTROL SWITCH IN PANEL ENCLOSURE OF PP-22D. R.C. SWITCH SHALL BE A 20AMP 50 LB. W. ACCO BULLETIN #20 24721 WITH 2 WIRE CONTROL TO DRAWING GRABBER WITH 2 WIRE REMOTE CONTROL. THIS WILL PROVIDE REMOTE CONTROL CAPABILITY FOR THE FIRE PROTECTION SYSTEM.

VOID  
SEE LOOSE LEAF BINDER IN 30TH FLOOR REAL ESTATE OFFICE

REV.	DATE	DESCRIPTION
12-21-78		GENERAL UPDATE

**BANKERS TRUST PLAZA**

**A FISHER BROTHERS PROJECT**

GREENWICH AND LIBERTY ST. N.Y. N.Y.

**SHREVE, LAMBA HARMON ASSOCIATES P.C. ARCHITECTS**  
475 PARK AVENUE SOUTH N.Y. N.Y. 10016

**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
919 THIRD AVENUE N.Y. N.Y. 10022

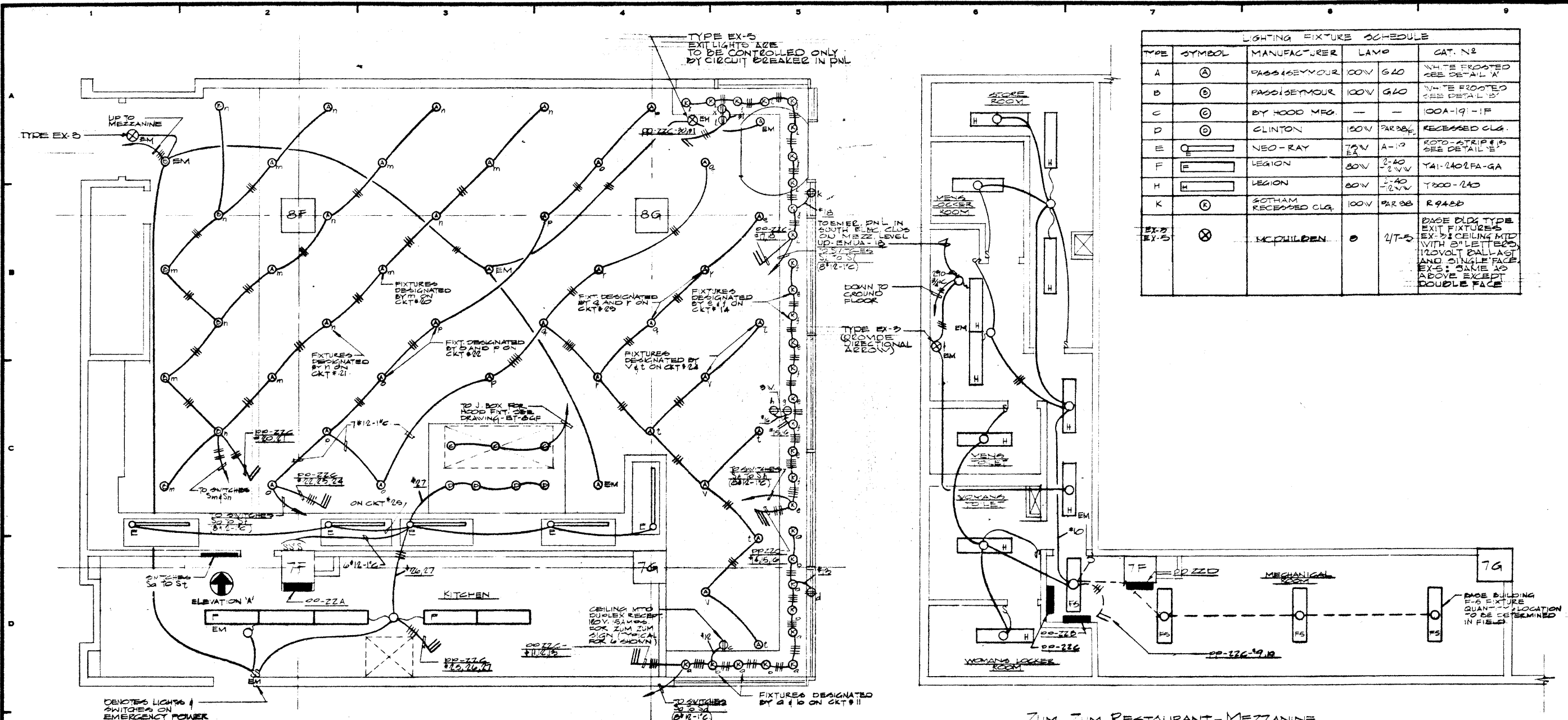
**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**  
315 MADISON AVENUE N.Y. N.Y. 10022

**J. AROS, BAUM & BOLLES MECH. ELEC. ENGINEERS**  
345 PARK AVENUE N.Y. N.Y. 10022

TENANT: ZUM-ZUM RESTAURANT.

**POWER PLAN**

PROJECT NUMBER	7101
DRAWING NUMBER	E-318B
DATE	8-22-78
SCALE	AS NOTED

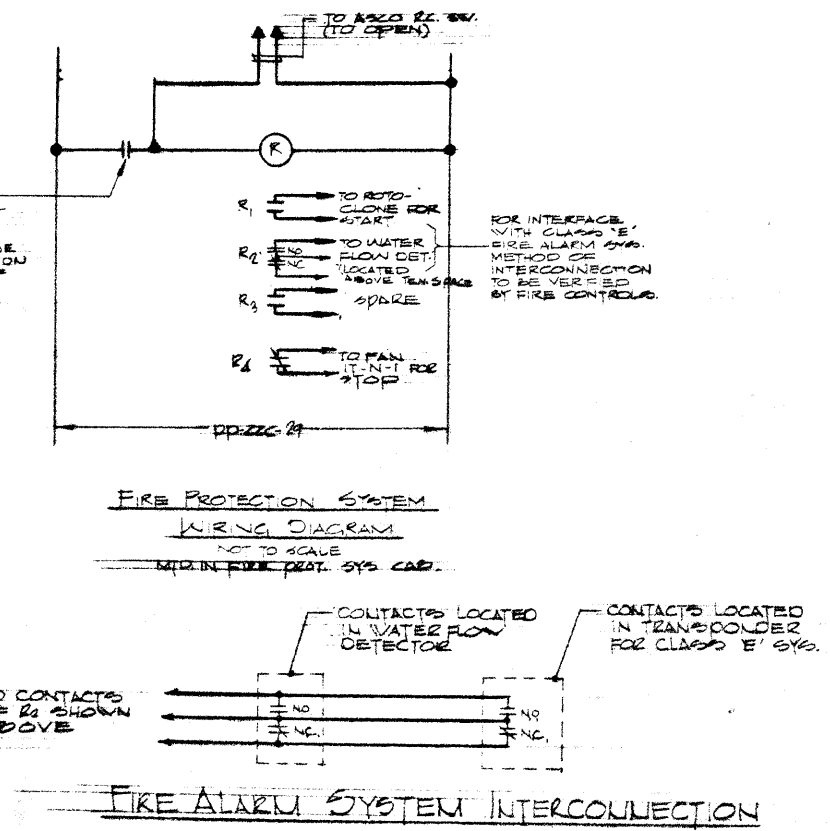
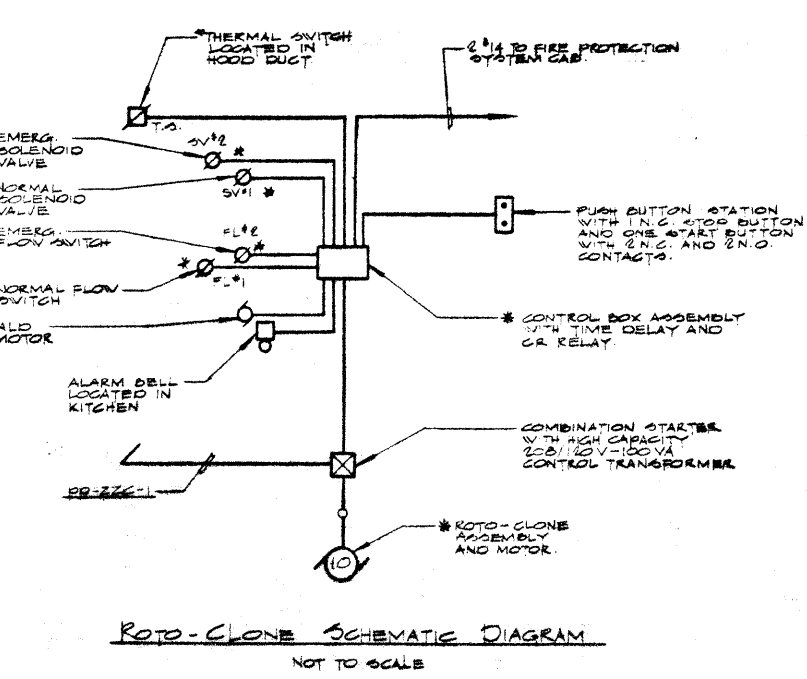
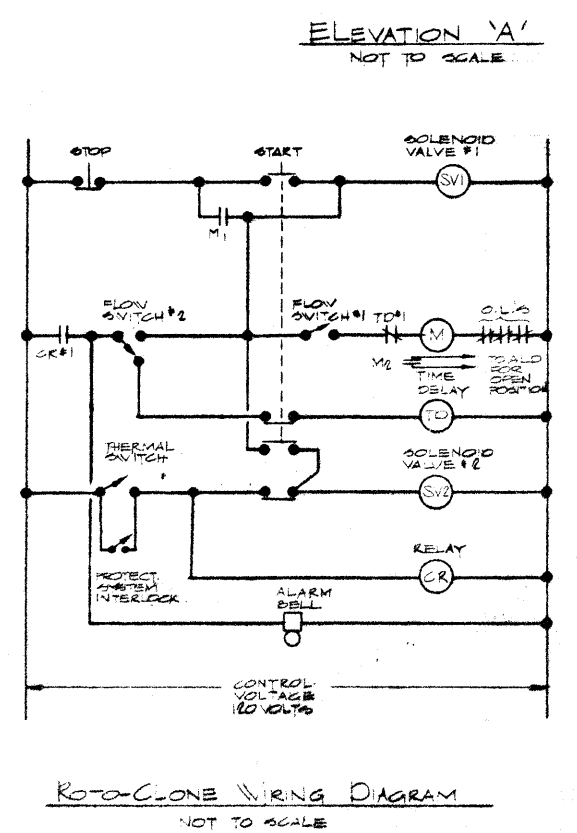
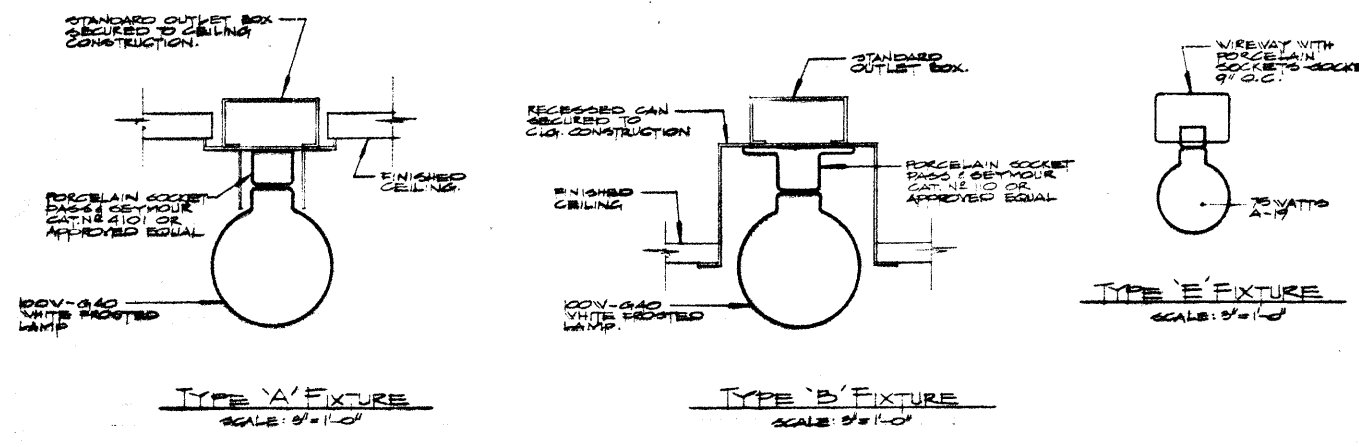
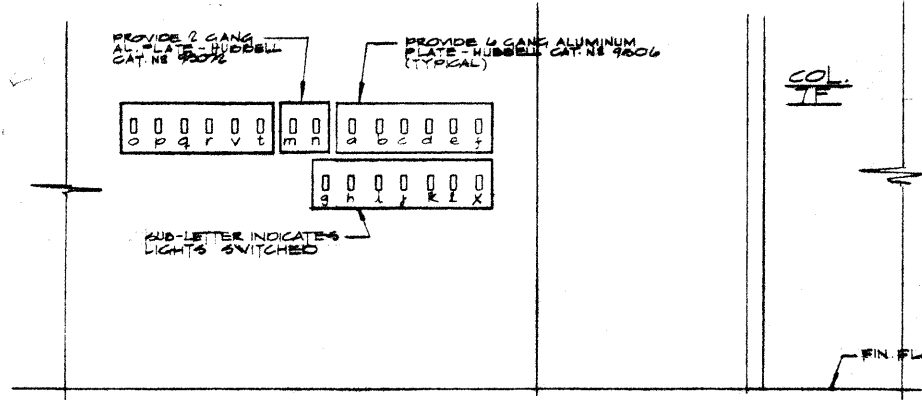


LIGHTING FIXTURE SCHEDULE				
TYPE	SYMBOL	MANUFACTURER	LAMP	CAT. NO.
A	⊙	PAGE & NEVILL	100V G40	WHITE FACED SEE DETAIL 'A'
B	⊙	PAGE & NEVILL	100V G40	WHITE FACED SEE DETAIL 'B'
C	⊙	BY HOOK MFG.	—	100A-19-11F
D	⊙	CLINTON	100V PAR 36	RECESSED CLG.
E	⊙	NBO - RAY	74V A-19	ROTO-CLONE SEE DETAIL 'E'
F	⊙	LEGION	80V G40	Y41-2402FA-GA
H	⊙	LEGION	80V G40	T900-240
K	⊙	ROTHAM	100V PAR 36	R948B
EX-5	⊙	MCARDEN	—	BASE BLDG. TYPE EXIT FIXTURE WITH 5' LETTERED 120VOLT BALLAST AND SINGLE FACE EX-5; SAME AS ABOVE EXCEPT DOUBLE FACE

- NOTES:
- SEE RESTAURANT ASSOCIATED ARCH. DRAWINGS FOR EXACT LOCATION OF ALL FIXTURES.
  - ALL FLUORESCENT FIXTURES ARE TO HAVE 120V BALLAST.
  - SEE RESTAURANT ASSOCIATED ARCH. DRAWINGS FOR EXACT SWITCH LOCATIONS.
  - SEE J-14-D DRAWING E-31R FOR PNL SCHEDULE.

ZUM ZUM RESTAURANT - GROUND FLOOR LIGHTING PLAN SCALE: 1/4" = 1'-0"

ZUM ZUM RESTAURANT - MEZZANINE LIGHTING PLAN SCALE: 1/4" = 1'-0"



NOTE:  
 1. CONTRACTOR TO VERIFY ALL WIRING DIAGRAMS WITH MANUFACTURER'S INSTRUCTIONS AND INTERLOCK WITH FIRE PROTECTION SYS.

- DENOTED EQUIP. SUPPLIED BY ROTO-CLONE MANUFACTURER.
- ELECTRICAL CONTRACTOR SHALL SUPPLY INSTALL STARTER, ALARM BELL, PUSH BUTTON AND MANUAL PULL STATION (RECEIVED) AND ALL POWER & CONTROL WIRING. ALL OTHER EQUIPMENT TO BE BY MECH. CONTRACTOR.

12/21/78 GENERAL UPDATE  
 NO. DATE DESCRIPTION  
 BY: JTB

**BANKERS TRUST PLAZA**

**A FISHER BROTHERS PROJECT**

GREENWICH AND LIBERTY ST. N.Y. N.Y.

**SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS**  
 475 PARK AVENUE SOUTH N.Y. N.Y. 10016

**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
 919 THIRD AVENUE N.Y. N.Y. 10022

**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**  
 515 MADISON AVENUE N.Y. N.Y. 10022

**JAROS, BAUM & BOLLES MECHANICAL ENGINEERS**  
 345 PARK AVENUE N.Y. N.Y. 10022

TENANT: ZUM-ZUM RESTAURANT

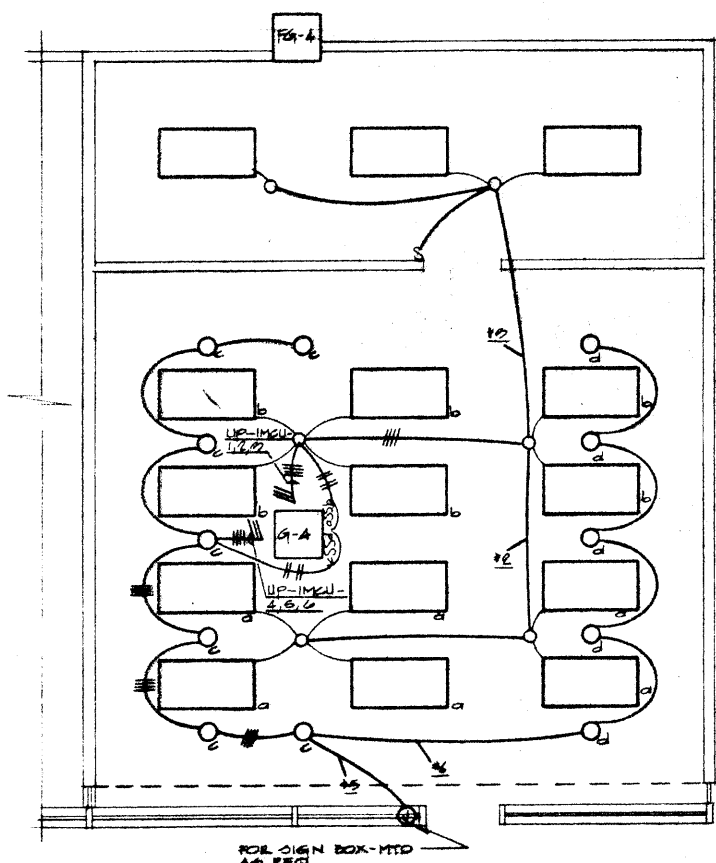
PROJECT NUMBER  
**7101**

DRAWING NUMBER  
**E-31R7**

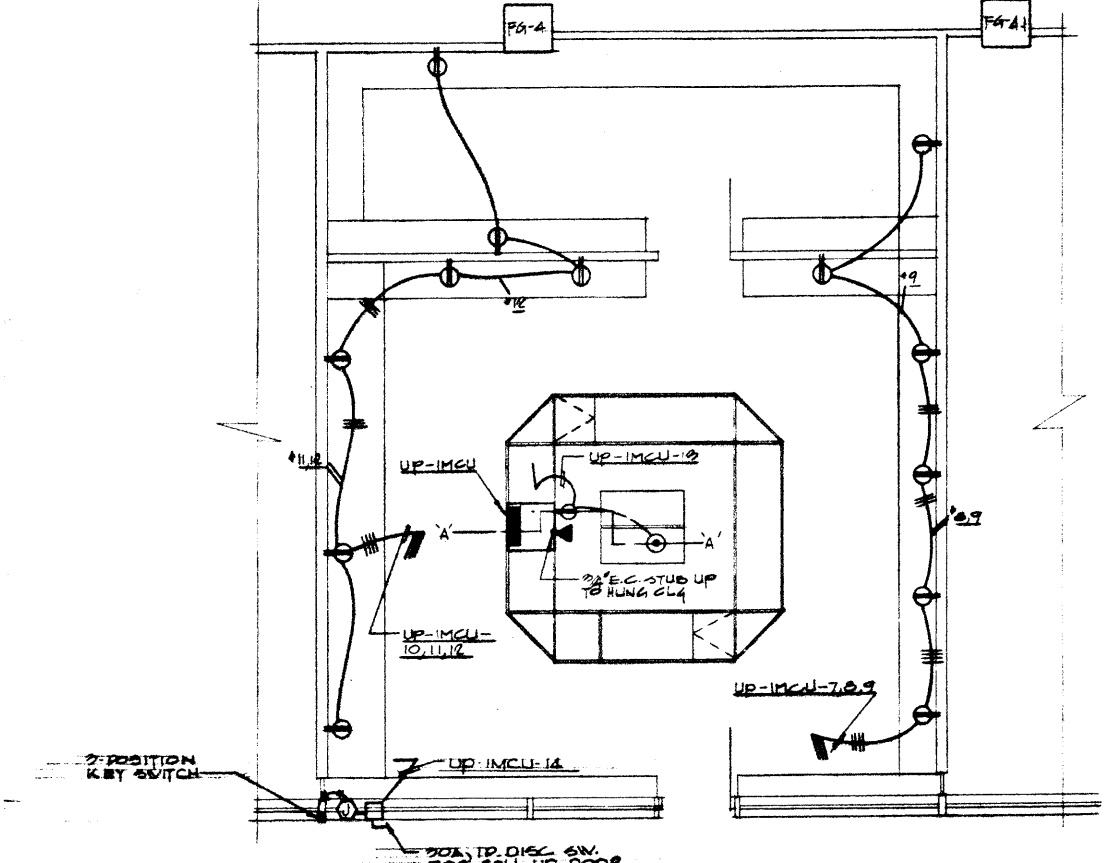
DATE  
**8-22-74**

SCALE  
**AS NOTED**

REVISIONS		
NO.	DATE	DESCRIPTION



MARVIN'S CAMERA SHOP  
LIGHTING PLAN  
SCALE: 1/8"=1'-0"



MARVIN'S CAMERA SHOP  
POWER PLAN  
SCALE: 1/8"=1'-0"

**SYMBOL LIST**

- ⊕ DUPLEX RECEPTACLE - 10A, 120V, 3W GED - WALL MOUNTED
- ⊙ STEEL CUT FLOOR BOX (CAT# 1604 WITH ALUMINUM FLOOR PLATE - CAT# 1603 - DUPLEX RECEPTACLE 160V, 15A GED)
- ⊕ JUNCTION BOX
- ⊕ TELEPHONE OUTLET - WALL MTD - 2 1/2" C. STUD UP
- ⊕ LIGHT SWITCH
- 3/4" CONDUIT - RUN IN CEILING OR WALL
- 3/4" CONDUIT RUN IN FILL

**FIXTURE SCHEDULE**

- 2'x4' RECESSED FLUORESCENT FIXTURE BUILDING STANDARD - TYPE T8 200 WATTS
- OMEGA DIRECTIONAL ACCENTLITE NE 1200 V/2WAP IN RECESSED CONCENTRIC LOUVER OR APPROVED EQUAL - 160 WATTS

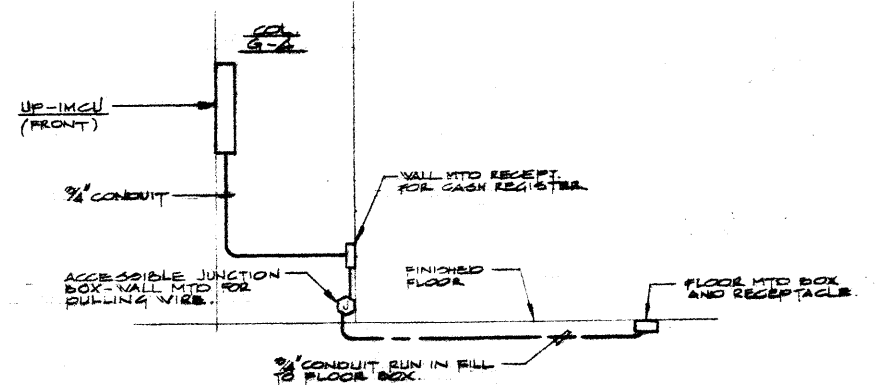
**NOTES**

1. SEE FRED SAFRAN ARCHITECTURAL DRAWINGS FOR EXACT LOCATION & MOUNTING HEIGHTS OF ALL RECEPTACLES & TEL. OUTLETS.
2. SEE FRED SAFRAN ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF LIGHTING FIXTURES.
3. TELEPHONE LINES ARE TO BE RETURNED TO TENANT TELEPHONE SHOP CAB AT COL. 0-15 - 1<sup>ST</sup> FLOOR VIA 2 1/2" C.

VOID - SEE LOOSE LEAF BINDER IN 30<sup>TH</sup> FL. REAL ESTATE OFFICE

**SCHEDULE OF UTILITY PANEL 120/200V, 3Ø-4W.**

PANEL	MAIN DISC. BREAKER	NO.	DESCRIPTION	REMARKS
UP-1MCL	OP. BOA	15	2 1/2" C. STUD UP	
OBSTN	2 1/2" C. STUD UP			



SECTION 'A-A'  
NOT TO SCALE

REVISIONS		
NO.	DATE	DESCRIPTION

**A FISHER BROTHERS PROJECT**

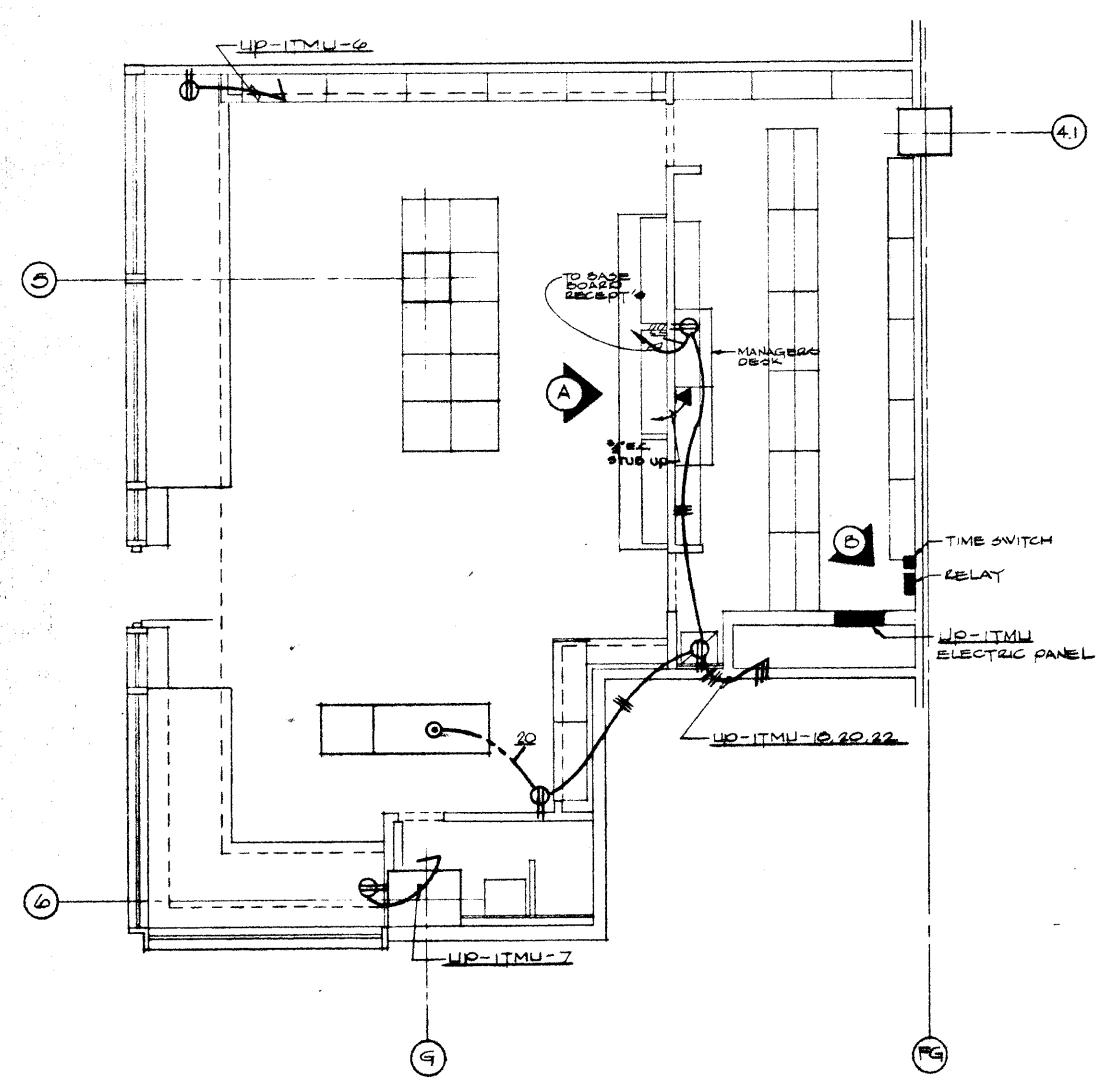
GREENWICH AND LIBERTY ST. N.Y. N.Y.  
SHRIVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS  
475 PARK AVENUE SOUTH N.Y. N.Y. 10016  
PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS  
919 THIRD AVENUE N.Y. N.Y. 10022  
THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS  
315 MADISON AVENUE N.Y. N.Y. 10022  
JAROS, BAUM & BOLLES MECHANICAL ENGINEERS  
345 PARK AVENUE N.Y. N.Y. 10022

TENANT:  
MARVIN'S CAMERA SHOP

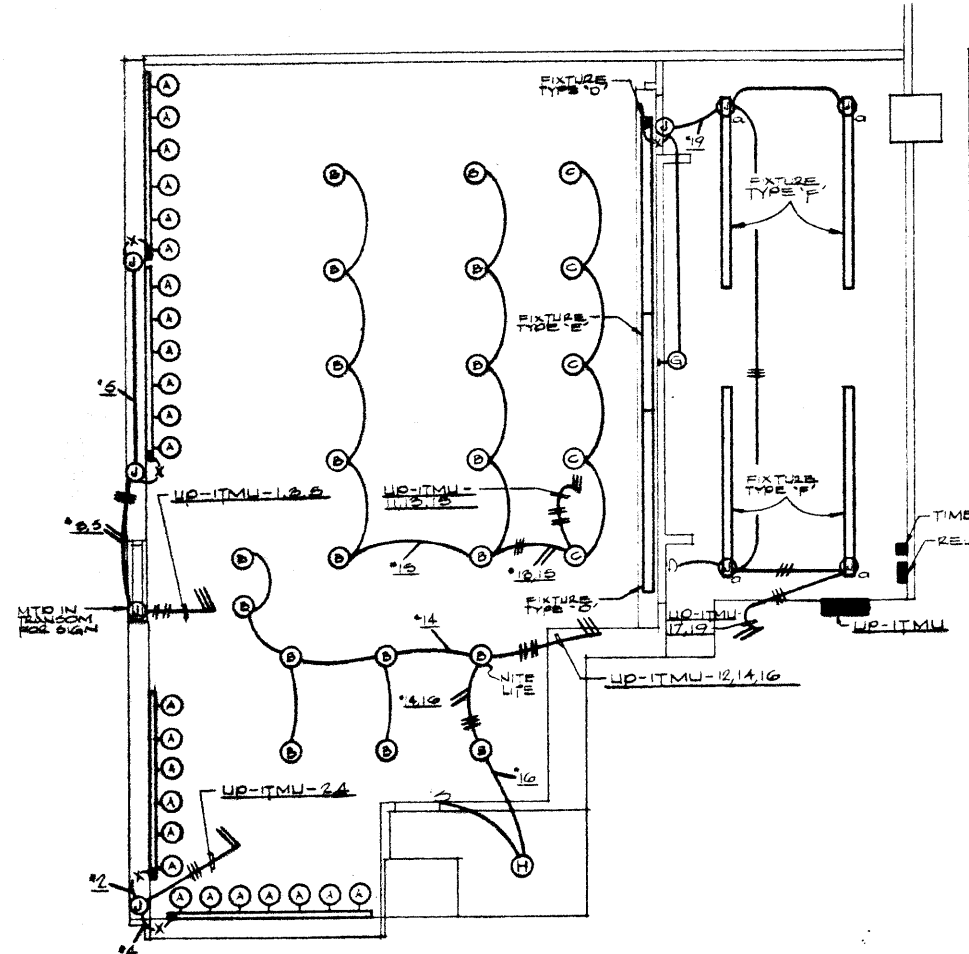
**ELECTRICAL PLANS  
MARVIN'S CAMERA SHOP  
GROUND FLOOR TENANT**

PROJECT NUMBER	7101
DRAWING NUMBER	E-31R6
DATE	JUNE 3, 1972
SCALE	1/8"=1'-0"

REVISIONS		
NO.	DATE	DESCRIPTION
1	12-21-78	GENERAL UPDATE



THOM M'AN POWER PLAN



THOM M'AN LIGHTING PLAN

FIXTURE SCHEDULE

SYMBOL	CATALOGUE NO.	MANUFACTURER	TRADE SIZE	W.P.	W.P. INCH	LAMP NUMBER
A	2632	LIGHTSON TRACK	2 1/2	1	150	150 PAR 35L
B	H7-470	G E-LAMP			150	R-40
C	R20-B-20L	OTTOROUGH	8	1	100	A-19
D	RAB-150	FLUORO ESCHERON INCANDESCENT LIGHT	5	1	150	R-40
E	25-240-25-ETL	LIGHTSON 4" x 4" DEL. FLUO.	2	4	200	F40CWX
F	25-240-25-ETL	LIGHTSON 4" x 4" DEL. FLUO.	1	2	100	F40CWX
G	184-40-25-ETL	LIGHTSON 4" x 4" DEL. FLUO.	4	2	100	F40CWX
H	PO-1-WC	PORCELAIN SOCKET W/CHAIN	1	1	60	A-19
I	PO-1-NC	PORCELAIN SOCKET	1	1	75	A-19

GENERAL NOTES:

- SEE ARCH. DRAWINGS FOR EXACT LOCATION OF LIGHTING FIXTURES AND MOUNTING HEIGHTS AND DIMENSIONED LOCATION OF ALL ELECTRIC AND TELEPHONE OUTLETS.
- TENANT SHALL PROVIDE ALL LIGHTING FIXTURES.
- ELECTRICAL CONTRACTOR SHALL INSTALL ALL LIGHTING FIXTURES AND PROVIDE AND INSTALL ALL OTHER ELECTRICAL EQUIP. SHOWN.
- ALL FLUORESCENT FIXTURES ARE TO HAVE 120V BALLAST.
- TELEPHONE LINES ARE TO BE RETURNED TO TENANT TELEPHONE SERVICE AT COL. 8'S THROUGH VIA 1/2" CONDUIT.

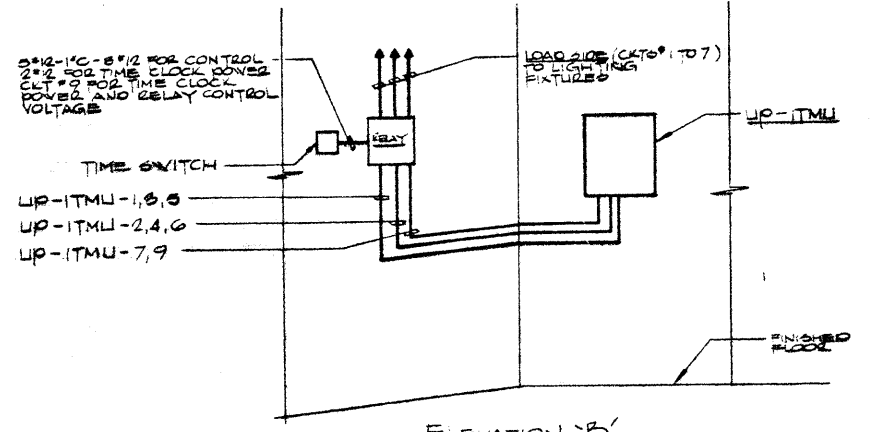
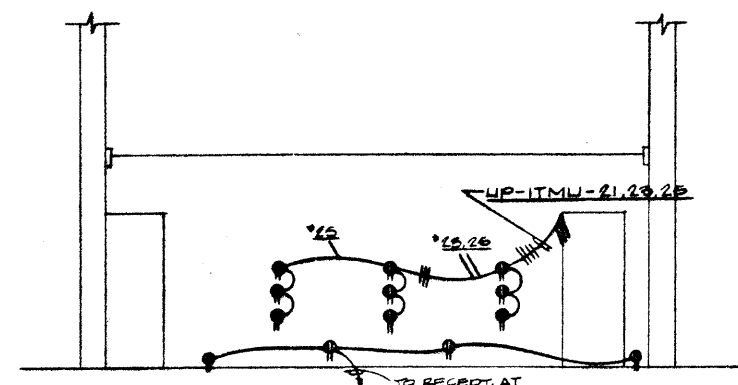
VOID - SEE LOOSE LEAF BINDER IN 30TH FL. REAL ESTATE OFFICE

SCHEDULE OF TENANT ELECTRIC PANEL (20/100V-5Ø-4W)

PANEL DESIGN	MAIN DRAWER	NO.	WIRING	DATE
UP-ITMU	SOA TIP 100 FRAME	28	1-7, 11-26, 28	12-24-78

SYMBOL LIST

- ⊕ DUPLEX RECEPTACLE 15A, 120V, 3W-GROUNDED-HUBBELL CAT#0252
- ⊙ SINGLE RECEPTACLE 15A, 120V, 3W-GROUNDED-HUBBELL CAT#0251
- ⊙ JUNCTION BOX - CEILING MOUNTED
- ⊙ ELECTRIC OUTLET - FLOOR MOUNTED - PROVIDE THOMAS & BETTS FLOOR BOX #108 WITH STEEL CITY - HORIZONTAL TYPE DUPLEX RECEPTACLE BUSHING NOZZLE & STAND OFF CAT#460-HG-1/2 AND HUBBELL DUPLEX RECEPTACLE CAT#0252
- S LIGHT SWITCH - SINGLE POLE, 120V, 15A-TOGGLE TYPE
- RIGID CONDUIT - RUN IN WALLS AND CEILING
- - - RIGID CONDUIT - RUN IN FILL
- X - FLEXIBLE CONDUIT
- ◀ TELEPHONE OUTLET 1 1/2" WALL BOX WITH SINGLE GANG CLUSTER KING - PROVIDE 1/2" EMPTY CONDUIT FROM BACK BOX TO MAIN CL.



NOTES:

- RELAY TO BE ASCO BULLETIN NO. 265-20 CAT# 1-680000 MECHANICAL AT 15.0 AMP RELAY WITH 250V CONTACTS & 250V AND 1/2" x 3/4" BUSHING
- TIME SWITCH - 1H-12X GANG AND 0POT OR EQUAL

ISSUED TO	NO.	DATE	PKG. NO.
-----------	-----	------	----------

**BANKERS TRUST PLAZA**

**A FISHER BROTHERS PROJECT**

GREENWICH AND LIBERTY ST. N.Y. N.Y.

**SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS**  
475 PARK AVENUE SOUTH N.Y. N.Y. 10016

**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
919 THIRD AVENUE N.Y. N.Y. 10022

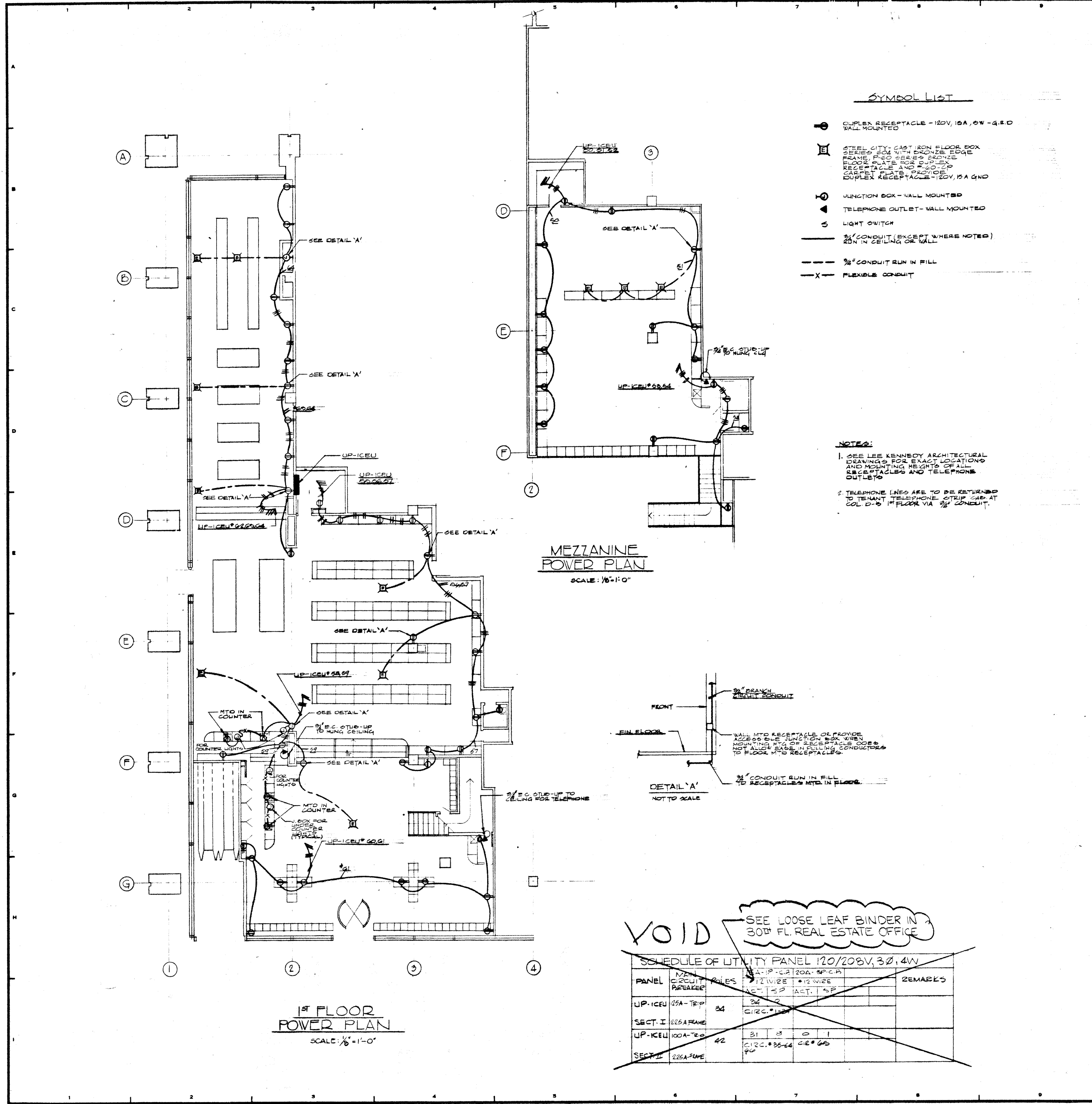
**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**  
315 MADISON AVENUE N.Y. N.Y. 10022

**J. A. ROS, BAUM & BOLLES MICHAEL E.C. ENGINEERS**  
345 PARK AVENUE N.Y. N.Y. 10022

TENANT: THOM M'AN

ELECTRICAL PLANS FOR GROUND FLOOR THOM M'AN SPACE

PROJECT NUMBER	7101
DRAWING NUMBER	E-31R5
DATE	MARCH 27-1979
SCALE	1/4" = 1'-0"



REVISIONS		
NO.	DATE	DESCRIPTION
1	12-21-78	GENERAL UPDATE

ISSUED TO	NO.	DATE	PKG. NO.
BANKERS TRUST PLAZA			

**A FISHER BROTHERS PROJECT**

GREENWICH AND LIBERTY ST. N.Y. N.Y.

**SHRIVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS**  
475 PARK AVENUE SOUTH N.Y. N.Y. 10016

**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
919 THIRD AVENUE N.Y. N.Y. 10022

**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**  
315 MADISON AVENUE N.Y. N.Y. 10022

**JAROS, BAUM & BOLLES MECHANICAL ENGINEERS**  
345 PARK AVENUE N.Y. N.Y. 10022

TENANT:  
CARD EMPORIUM

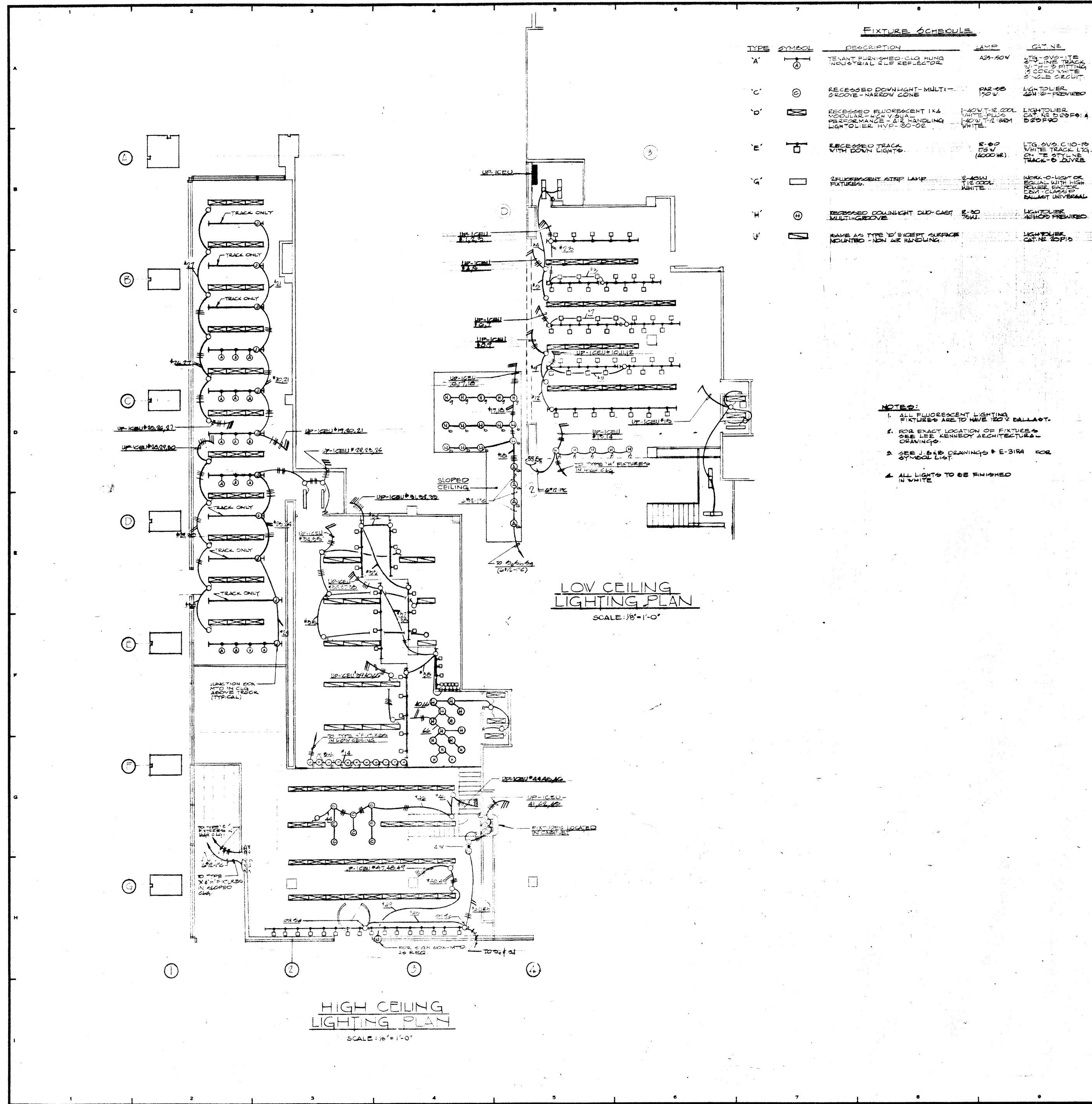
**POWER PLAN**

PROJECT NUMBER	7101
DRAWING NUMBER	E-31R4
DATE	9-2-78
SCALE	1/8" = 1'-0"

**VOID** - SEE LOOSE LEAF BINDER IN 30th FL. REAL ESTATE OFFICE

SCHEDULE OF UTILITY PANEL 120/208V, 3Ø, 4W						
PANEL	MAIN CIRCUIT BREAKER	POLES	120V WIRE	208V WIRE	REMARKS	
UP-ICEU	25A-TRIP	3Ø	2Ø	2Ø		
SECT. I	225A-FRAME					
UP-ICEU	100A-TRIP	4Ø	2Ø	2Ø		
SECT. II	225A-FRAME					





FIXTURE SCHEDULE				
TYPE	SYMBOL	DESCRIPTION	LAMP	CAT. NO.
A	⊕	TELETYPE FURNISHED, CLO HUNG INDUSTRIAL SELF REFLECTOR	A29-100V	LTG-20VS-11E 2-1/2" LINE TRACK 3/4" DIA FITTING 1/2 COLO WHITE 2-1/2" DIA SECUT.
C	⊙	RECESSED DOWNLIGHT-MULTI-GROOVE-NARROW CONE	PAS-20 175V	LIGHTOLIER GEN 18-PREVIEW
D	⊞	RECESSED FLUORESCENT 1X4 MODULAR-HIGH V BULB PERFORMANCE-A 1X4 HANGING LIGHTOLIER HVP-120-02	1-1/2" X 4" T-12 COOL WHITE FLUO 1-1/2" X 4" HANG 1-1/2" X 4" HANG WHITE	LIGHTOLIER CAT. NO. 220-F14 220-F10
E	⊞	RECESSED TRACK WITH DOWN LIGHTS	E-20 175V (1000HR)	LTG-20VS C10-19 WHITE TRACK 1/4" DIA 2-1/2" DIA TRACK-D JOINTS
G	⊞	2 FLUORESCENT STEP LAMP FIXTURES	2-10W 1/2 COOL WHITE	WORK-O-LIGHT OR EQUAL WITH HIGH POWER FACTOR 2EM-CLASP FOR BULBET UNIVERSAL
F	⊙	RECESSED DOWNLIGHT DUG-CAST MULTIGROOVE	E-20 175V	LIGHTOLIER ASHPOD PREVIEW
H	⊞	NAME AS TYPE D EXCEPT SURFACE MOUNTED-10W AIR HANDLING		LIGHTOLIER CAT. NO. 20-F10

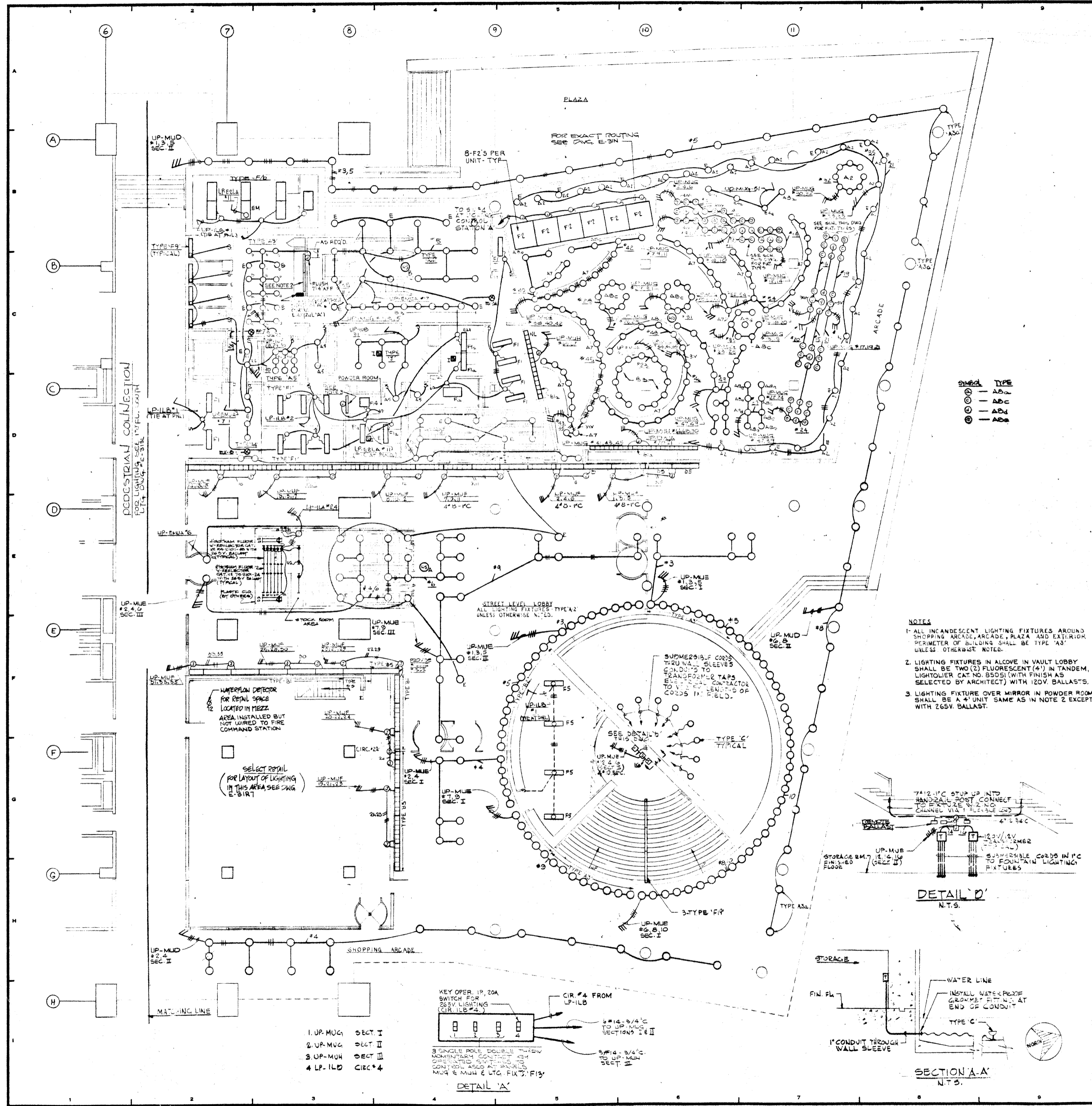
- NOTES:**
1. ALL FLUORESCENT LIGHTING FIXTURES ARE TO HAVE 120V BALLAST.
  2. FOR EXACT LOCATION OF FIXTURES SEE LEE KENNEDY ARCHITECTURAL DRAWINGS.
  3. SEE J-413 DRAWINGS & E-319A FOR SYMBOL LIST.
  4. ALL LIGHTS TO BE FINISHED IN WHITE.

REVISIONS		
NO.	DATE	DESCRIPTION
12-21-76		GENERAL UPDATE

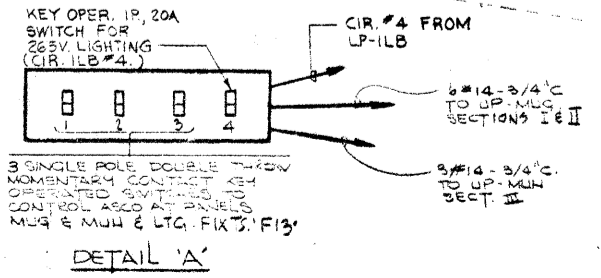
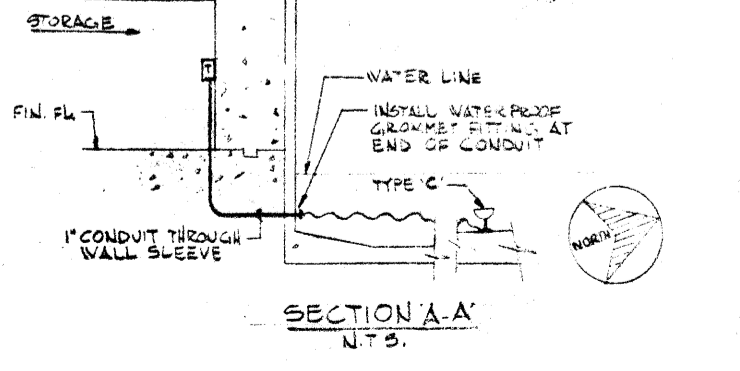
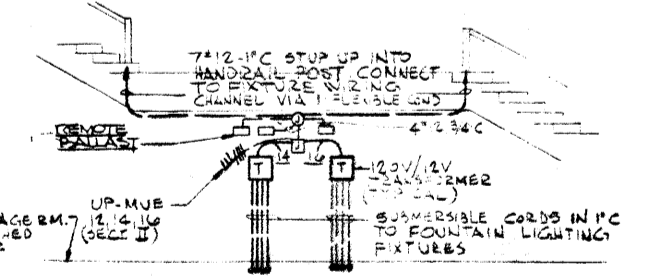
ISSUED TO	NO.	DATE	PKG. NO.
<b>BANKERS TRUST PLAZA</b>			
<b>A FISHER BROTHERS PROJECT</b>			
GREENWICH AND LIBERTY ST. N.Y. N.Y.			
<b>SHEVE, LAMB &amp; HARMON ASSOCIATES P.C. ARCHITECTS</b>			
475 PARK AVENUE SOUTH N.Y. N.Y. 10016			
<b>PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS</b>			
919 THIRD AVENUE N.Y. N.Y. 10022			
<b>THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS</b>			
515 MADISON AVENUE N.Y. N.Y. 10022			
<b>JAROS, BAUM &amp; BOLLES MECHANICAL ENGINEERS</b>			
345 PARK AVENUE N.Y. N.Y. 10022			
TENANT:			
CARD EMPORIUM			
<b>LIGHTING PLAN</b>			
PROJECT NUMBER		7101	
DRAWING NUMBER		E-31R3	
DATE		5-2-74	
SCALE		1/8" = 1'-0"	





SYMBOL	TYPE
○	AB-1
○	AB-2
○	AB-3
○	AB-4
○	AB-5

- NOTES**
1. ALL INCANDESCENT LIGHTING FIXTURES AROUND SHOPPING ARCADE, ARCADE, PLAZA AND EXTERIOR PERIMETER OF BUILDING SHALL BE TYPE 'AB' UNLESS OTHERWISE NOTED.
  2. LIGHTING FIXTURES IN ALCOVE IN VAULT LOBBY SHALL BE TWO (2) FLUORESCENT (4') IN TANDEM, LIGHTOLIER CAT. NO. 85051 (WITH FINISH AS SELECTED BY ARCHITECT) WITH 120V. BALLASTS.
  3. LIGHTING FIXTURE OVER MIRROR IN POWDER ROOM SHALL BE A 4" UNIT SAME AS IN NOTE 2 EXCEPT WITH 265V. BALLAST.



- 1. UP-MUG1 SECT. I
- 2. UP-MUG2 SECT. II
- 3. UP-MUG3 SECT. III
- 4. LP-ILB CIRC. 4

12-21-78 GENERAL UPDATE		
REVISIONS		
NO.	DATE	DESCRIPTION
ISSUED TO	NO.	DATE
	PKG. NO.	

**A FISHER BROTHERS PROJECT**

GREENWICH AND LIBERTY ST. N.Y. N.Y.

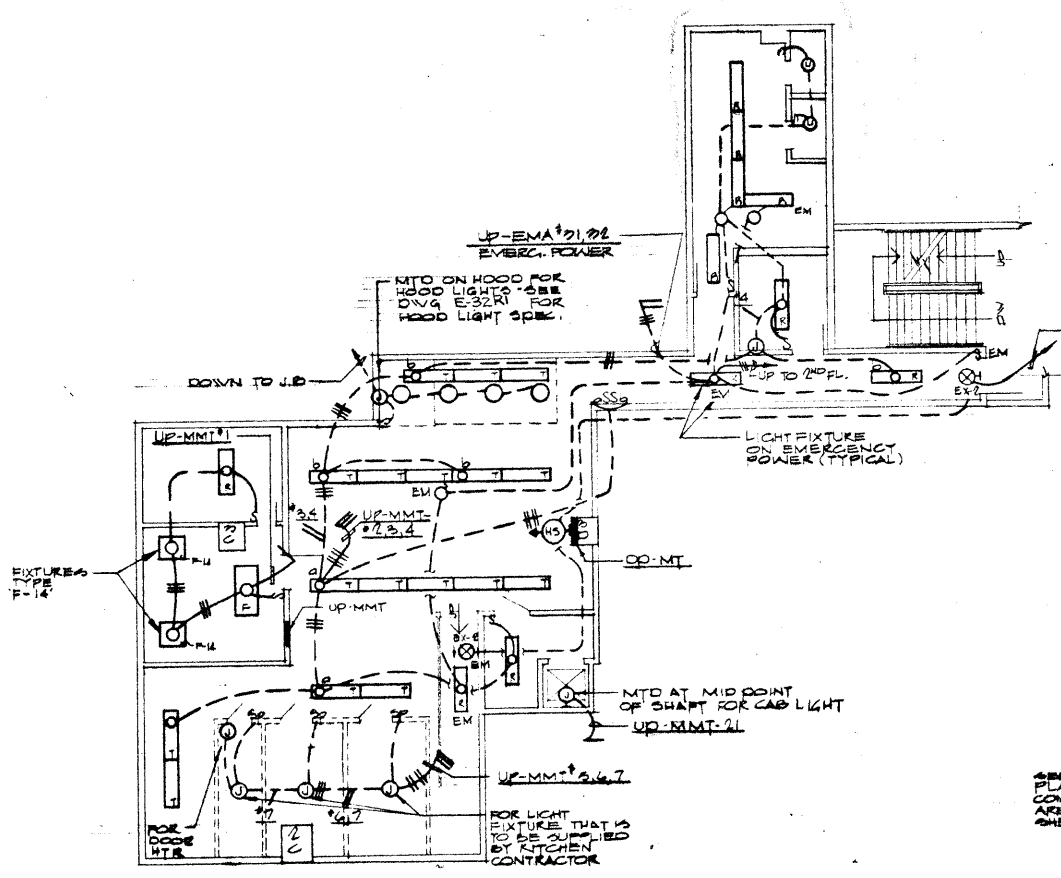
**SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS**  
475 PARK AVENUE SOUTH N.Y. N.Y. 10016

**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
919 THIRD AVENUE N.Y. N.Y. 10022

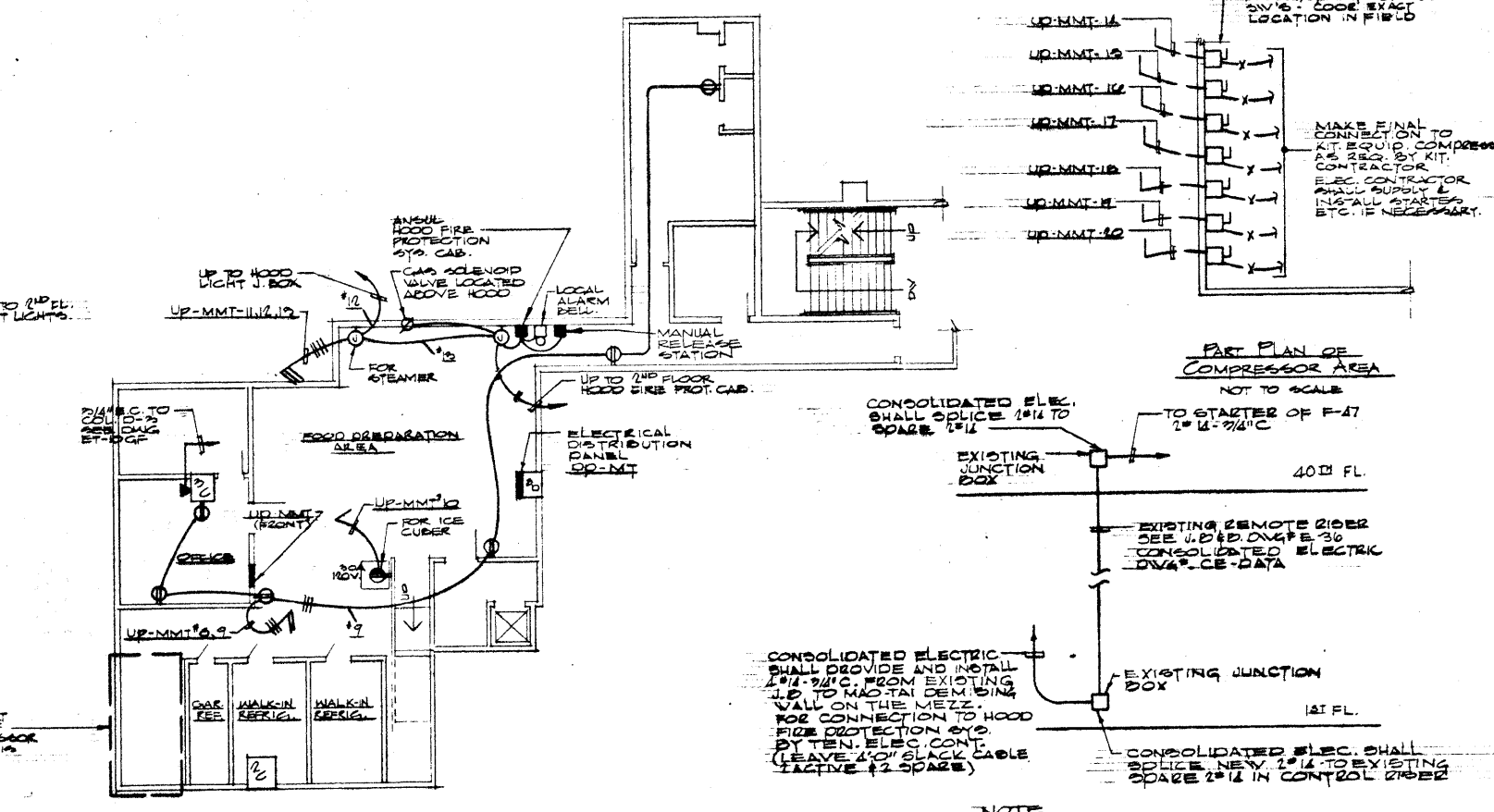
**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**  
315 MADISON AVENUE N.Y. N.Y. 10022

**JAROS, BAUM & BOLLES MECHANICAL ENGINEERS**  
345 PARK AVENUE N.Y. N.Y. 10022

1st FLOOR PLAN NORTH LIGHTING	
PROJECT NUMBER	7101
DRAWING NUMBER	E-31N
DATE	1-1-79
SCALE	1/8\"/>



MAO-TAI RESTAURANT - MEZZANINE LIGHTING PLAN  
SCALE 1/8" = 1'-0"



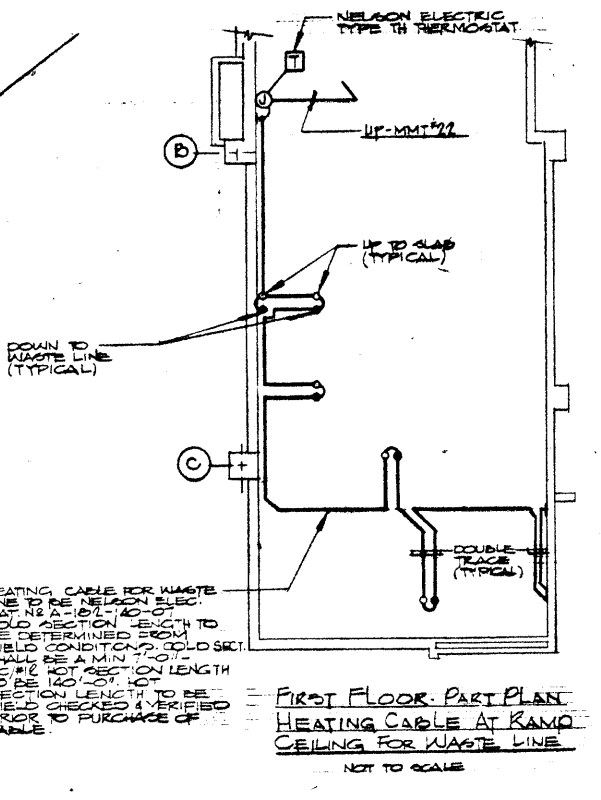
MAO-TAI RESTAURANT - MEZZANINE POWER PLAN  
SCALE 1/8" = 1'-0"

INTERCONNECTION SCHEME FOR F-47 TO HOOD FIRE PROTECTION SYS.  
N.T.S.

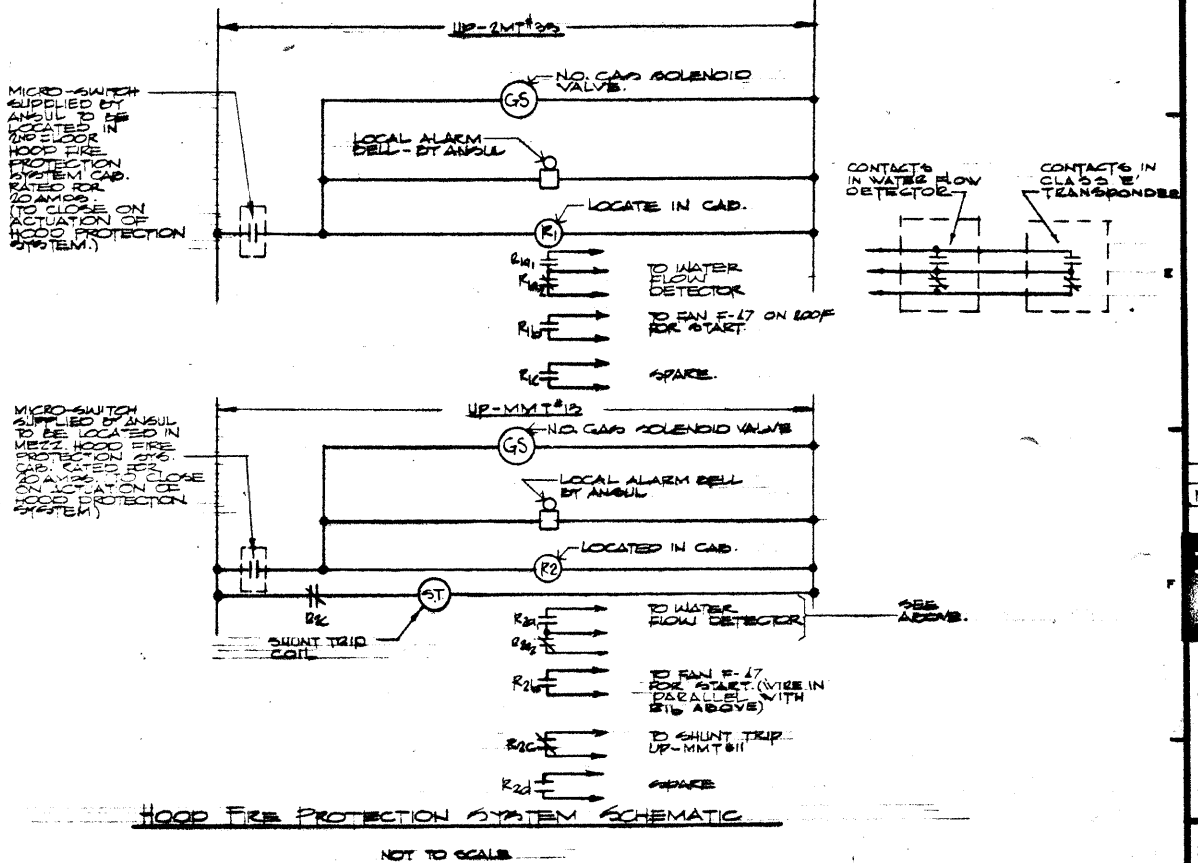
VOID  
SEE LOOSE LEAF BINDER IN 30TH FL. REAL ESTATE OFFICE

SCHEDULE OF UTILITY PANELS 120/208V-2Ø-4W

PANEL NO.	FUSE/REC	CIR. BREAKER	SUPPLIES	KW	FUSE/REC	REMARKS
UP-MMT-1	1	100	4 LIGHTING FIXTURES	.6	2 #12 3/4"	
UP-MMT-2	1	100	10 LIGHTING FIXTURES	1.0		
UP-MMT-3	1	100	8 LIGHTING FIXTURES	.8	4 #12 3/4"	
UP-MMT-4	1	100	7 LIGHTING FIXTURES	.8		
UP-MMT-5	1	100	WALK-IN REFRIGERATOR	1.1	4 #12 3/4"	
UP-MMT-6	1	100	WALK-IN REFRIGERATOR	1.1	4 #12 3/4"	
UP-MMT-7	1	100	GARBAGE REFRIGERATOR	.5		
UP-MMT-8	1	100	RECYCLABLES (3)	.5	2 #12 3/4"	
UP-MMT-9	1	100	RECYCLABLES (3)	.5	2 #12 3/4"	
UP-MMT-10	1	100	ICE CUBER	1.1	2 #12 3/4"	
UP-MMT-11	1	100	STEAMER CONTROL	.5		SHUNT TRIP
UP-MMT-12	1	100	HOOD LIGHTS	.2	4 #12 3/4"	
UP-MMT-13	1	100	DISPENSER & HOT HOLDING CAB.			
UP-MMT-14	5	100	WALK-IN REFRIGERATOR	1.1	2 #12 3/4"	
UP-MMT-15	5	100	WALK-IN REFRIGERATOR	1.1	2 #12 3/4"	
UP-MMT-16	5	100	GARBAGE REFRIGERATOR	.5	2 #12 3/4"	
UP-MMT-17	5	100	BAR BAR REF. COMP.	.5	2 #12 3/4"	
UP-MMT-18	5	100	BAR BAR COOLER COMP.	.5	2 #12 3/4"	
UP-MMT-19	5	100	KIT LOW BAY KEFR. COMP.	.5	2 #12 3/4"	
UP-MMT-20	5	100	KIT, OVEN TOP REFR. COMP.	.5	2 #12 3/4"	
UP-MMT-21	1	100	DUMPER WAITER SHANT LTA.		2 #12 3/4"	
UP-MMT-22	1	100	WASTE LINE PIPE TRACES	.25	2 #12 3/4"	
UP-MMT-23	1	100	SPACE			
UP-MMT-24	1	100	SPACE			
UP-MMT-25	1	100	SPACE			
UP-MMT-26	1	100	SPACE			
UP-MMT-27	1	100	SPACE			
UP-MMT-28	1	100	SPACE			



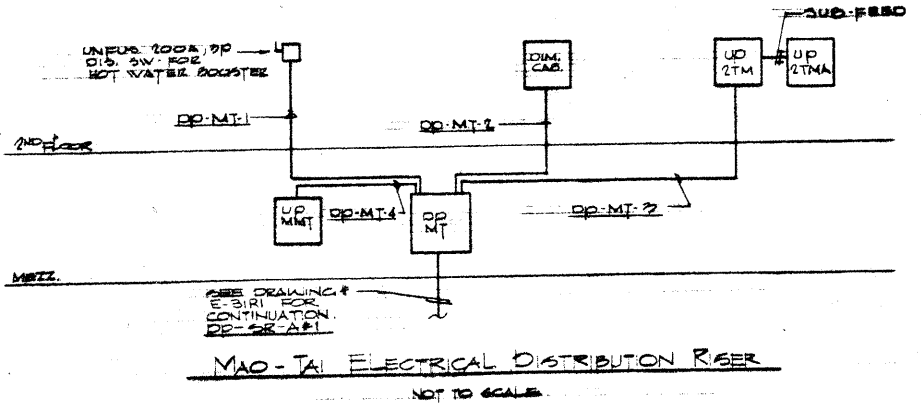
FIRST FLOOR PART PLAN HEATING CABLE AT RAMP CEILING FOR WASTE LINE  
NOT TO SCALE



HOOD FIRE PROTECTION SYSTEM SCHEMATIC  
NOT TO SCALE

SCHEDULE OF DISTRIBUTION PANEL 120/208V-4W-3Ø

PANEL NO.	FUSE/REC	CIR. BREAKER	SUPPLIES	KW	FUSE/REC	REMARKS
DP-MT-1	5	225	HOT WATER BOOSTER	240	5 #20 2"	
DP-MT-2	5	225	CHIMNEY CABINET	17.75	4 #12 3/4"	
DP-MT-3	5	225	UTILITY PANEL UP-MMT	27.9	4 #12 3/4"	
DP-MT-4	5	100	UTILITY PANEL UP-MMT	10.25	4 #12 3/4"	
DP-MT-5	5	100	SPACE			
DP-MT-6	5	100	SPACE			



MAO-TAI ELECTRICAL DISTRIBUTION RISER  
NOT TO SCALE

- NOTES:
- SEE J. D. D. DRAWING E-32R1 FOR FUTURE SCHEDULE.
  - SEE J. D. D. DRAWING E-32R2 FOR FUTURE SCHEDULE.
  - SEE FORDER-BEAS DRAWING FOR EXACT LOCATION OF LIGHTING FIXTURES.
  - ALL FINAL CONNECTIONS TO ALL ATTACHED EQUIP. SHALL BE MADE BY ELEC. CONTRACTOR.
  - ELEC. CONTRACTOR SHALL FURN. INSTALL COVER COVERS & PLUGS FOR EQUIP. IF NECESSARY.
  - ARCH. SHALL DETERMINE FINAL LOCATION OF ELEC. TEL.
  - LOCATION OF STARTER COMPRESSOR EQUIP. ASSOCIATED WITH CONDENSER SHALL BE COORDINATED BY ARCH. TO THE NEAREST DESIGN WALL, AS SELECTED BY THE LANDLORD.
  - SEE J. D. D. DRAWING E-31R1 FOR ELECTRICAL RISER TO PANEL DP-MT. THE LANDLORD (BAUMBER) MUST CO-ORD. RESPONSIBLE FOR THE INSTALLATION OF THE RISER TO THE NEAREST DESIGN WALL, AS SELECTED BY THE LANDLORD.

NO.	DATE	GENERAL UPDATE	REVISIONS	DESCRIPTION
12-21-78				

**BANKERS TRUST PLAZA**

**A FISHER BROTHERS PROJECT**

GREENWICH AND LIBERTY ST. N.Y. N.Y.

**SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS**  
475 PARK AVENUE SOUTH N.Y. N.Y. 10016

**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
919 THIRD AVENUE N.Y. N.Y. 10022

**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**  
315 MADISON AVENUE N.Y. N.Y. 10022

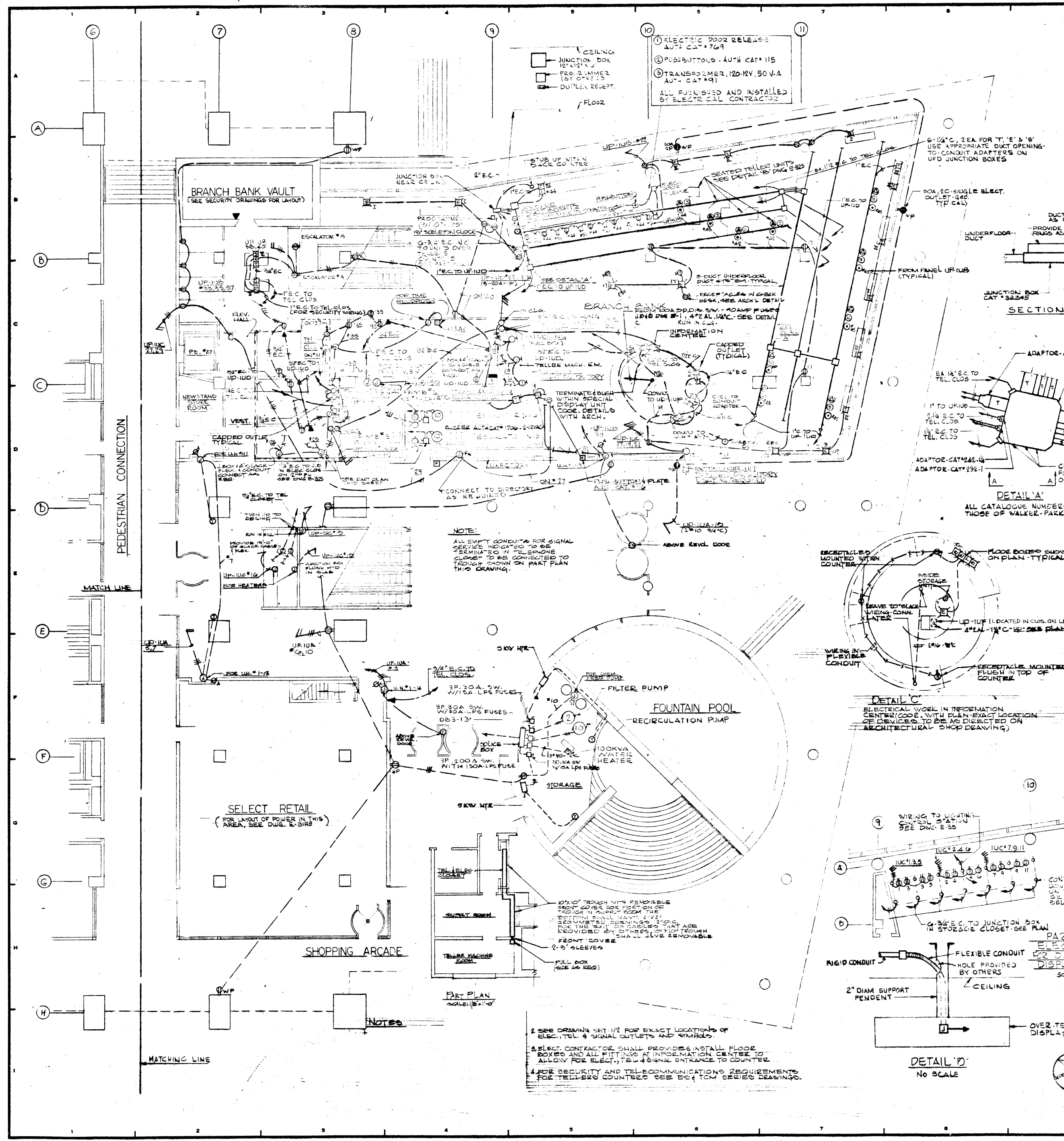
**J. A. ROSS, BAUM & BOLLES MECH. & ELEC. ENGINEERS**  
345 PARK AVENUE N.Y. N.Y. 10022

TENANT:  
MAO-TAI RESTAURANT

PROJECT NUMBER	7101
DRAWING NUMBER	E-31MRI
DATE	9-12-74
SCALE	1/8" = 1'-0"

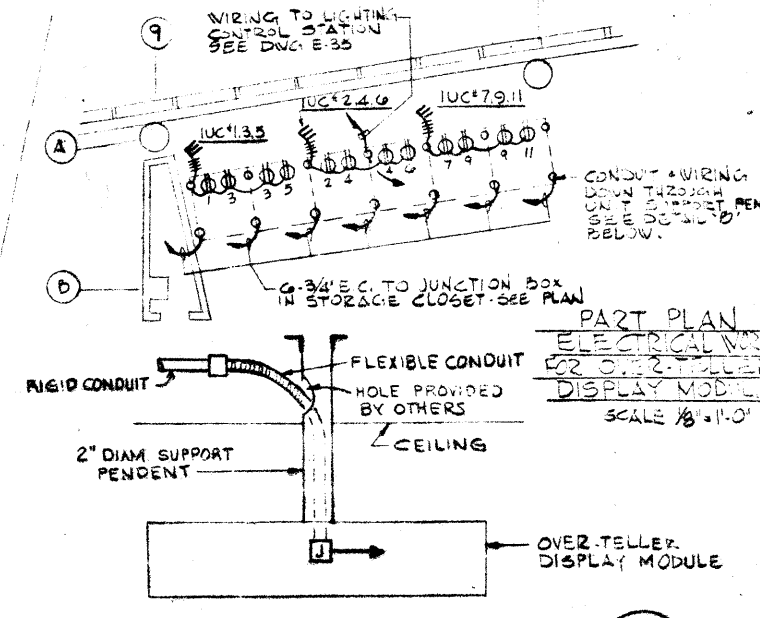
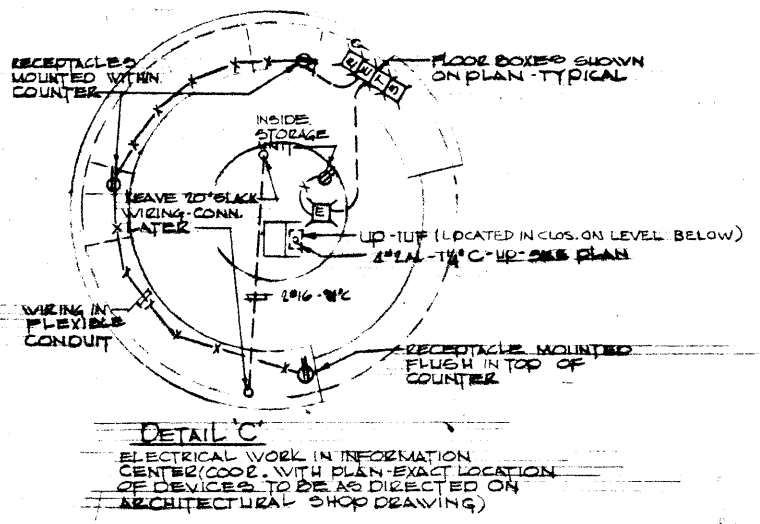
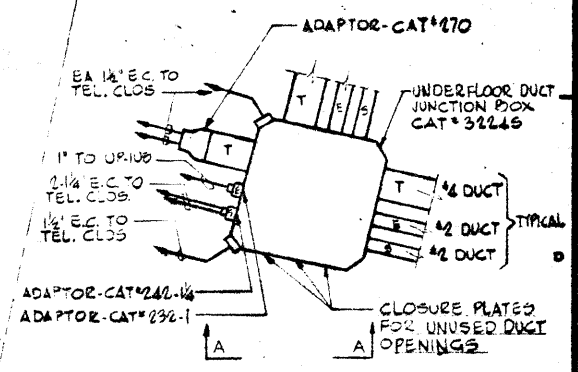
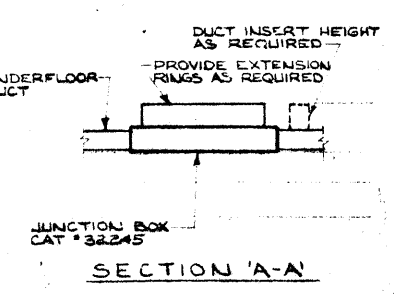






**FLOOR BOX TYPES (STEEL CITY)**  
(SUBMIT SHOP DRAWINGS FOR APPROVAL)

TYPE	DESCRIPTION
I	CAST BOX DEPTH AS REQUIRED WITH SQUARE REINFORCING COVER PLATE & THREADED PLUG # 1/4" DIA. (2" FLUSH) AND SINGLE 1/2" SW. GRID RECEPTACLE (COMPLETELY FLUSH)
II	CAST BOX DEPTH AS REQUIRED WITH SQUARE REINFORCING COVER PLATE # 1/4" DIA. (2" FLUSH) & ELECTRIC FITTING # 1/2" SW. TO 1/2" SW. 2-WAY 1/2" SW. GRID RECEPTACLE.
III	SAME AS TYPE II EXCEPT WITH TEL./SIG. FITTING # 1/2" SW. TO 1/2" SW.
IV	3 GANG CAST BOX WITH 1" SW. TO 1/2" SW. (E) & 1" SW. TO 1/2" SW. FITTING (T)
V	3 GANG CAST BOX (WITH PARTIES BETWEEN GANGS) WITH 1" SW. TO 1/2" SW. (E) & 1" SW. TO 1/2" SW. FITTINGS (T & S) PROVIDE CARET FLANGES FOR FITTINGS



- 1 ELECTRIC DOOR RELEASE AUT. CAT # 769
  - 2 PUSHBUTTONS, AUTH. CAT # 115
  - 3 TRANSFORMER, 120-12V. 50 VA. AUT. CAT # 91
- ALL FINISHED AND INSTALLED BY ELECTRICAL CONTRACTOR

**NOTE:**  
ALL EMPTY CONDUITS FOR SIGNAL SERVICE AND C.A.S. TO BE TERMINATED IN TELEPHONE CLOSURE TO BE CONNECTED TO TROUGH SHOWN ON PART PLAN THIS DRAWING.

1. SEE DRAWING SET 1/2 FOR EXACT LOCATIONS OF ELEC., TEL. & SIGNAL OUTLETS AND SYMBOLS.
2. ELECT. CONTRACTOR SHALL PROVIDE & INSTALL FLOOR BOXES AND ALL FITTINGS AT INFORMATION CENTER TO ALLOW FOR ELECT., TEL. & SIGNAL ENTRANCE TO COUNTER.
3. FOR SECURITY AND TELECOMMUNICATIONS REQUIREMENTS FOR TELLER COUNTERS SEE E-310M SERIES DRAWINGS.

12-21-78 GENERAL UPDATE			
NO.	DATE	REVISIONS	DESCRIPTION
ISSUED TO	NO.	DATE	PKG. NO.

**A FISHER BROTHERS PROJECT**  
GREENWICH AND LIBERTY ST. N.Y. N.Y.

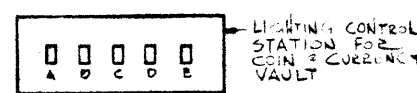
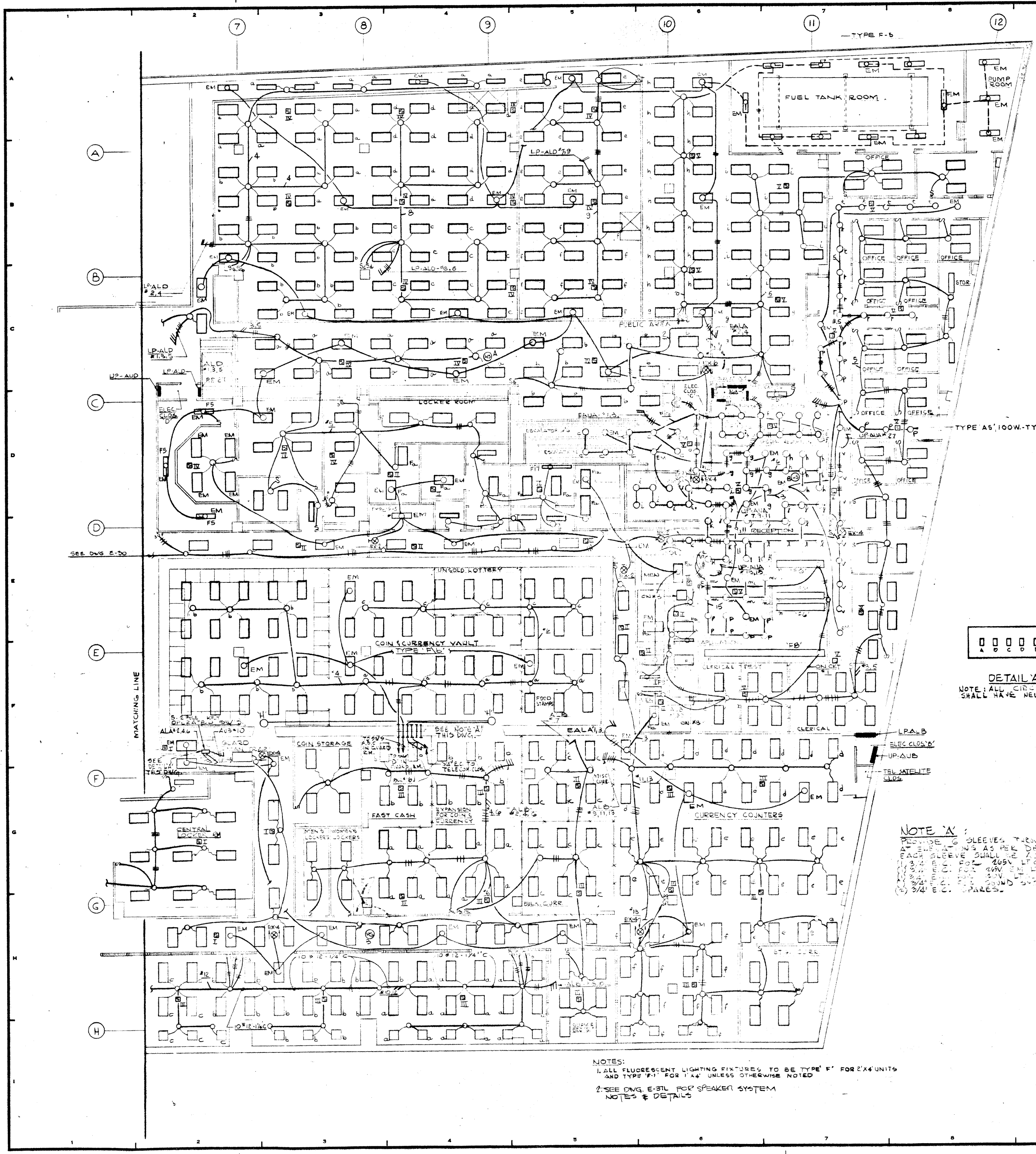
**SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS**  
475 PARK AVENUE SOUTH N.Y. N.Y. 10016

**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
919 THIRD AVENUE N.Y. N.Y. 10022

**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**  
515 MADISON AVENUE N.Y. N.Y. 10022

**JAROS, BAUM & BOLLES MICHAEL E.C. ENGINEERS**  
345 PARK AVENUE N.Y. N.Y. 10022

<b>1ST FLOOR PLAN NORTH POWER</b>	
PROJECT NUMBER	7101
DRAWING NUMBER	E-31N
DATE	1-7-79
SCALE	1/8"=1'-0"



DETAIL 'A'  
NOTE: ALL CIRCUITS SHALL HAVE NEUTRAL SWITCHED.

NOTE 'A':  
SLEEVES THROUGH VAULT WALL AT 3' SPACINGS AS PER DETAIL 'B' DRAWING. EACH SLEEVE SHALL BE AS FOLLOWS:  
1) 2" MIN. C.P. FOR 200V. E.M.T.  
2) 2" MIN. C.P. FOR 200V. E.M.T.  
3) 2" MIN. C.P. FOR 200V. E.M.T.  
4) 2" MIN. C.P. FOR 200V. E.M.T.

NOTES:  
1. ALL FLUORESCENT LIGHTING FIXTURES TO BE TYPE 'F' FOR 2'x4' UNITS AND TYPE 'F1' FOR 1'x4' UNLESS OTHERWISE NOTED.  
2. SEE DWG. E-31L FOR SPEAKER SYSTEM NOTES & DETAILS.

12-21-78	GENERAL UPDATE	
REVISIONS		
NO.	DATE	DESCRIPTION
ISSUED TO	NO. D. 2	PKG. NO.

**A FISHER BROTHERS PROJECT**

GREENWICH AND LIBERTY ST. N.Y. N.Y.

SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS  
475 PARK AVENUE SOUTH N.Y. N.Y. 10016

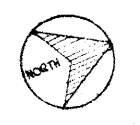
PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS  
919 THIRD AVENUE N.Y. N.Y. 10022

THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS  
515 MADISON AVENUE N.Y. N.Y. 10022

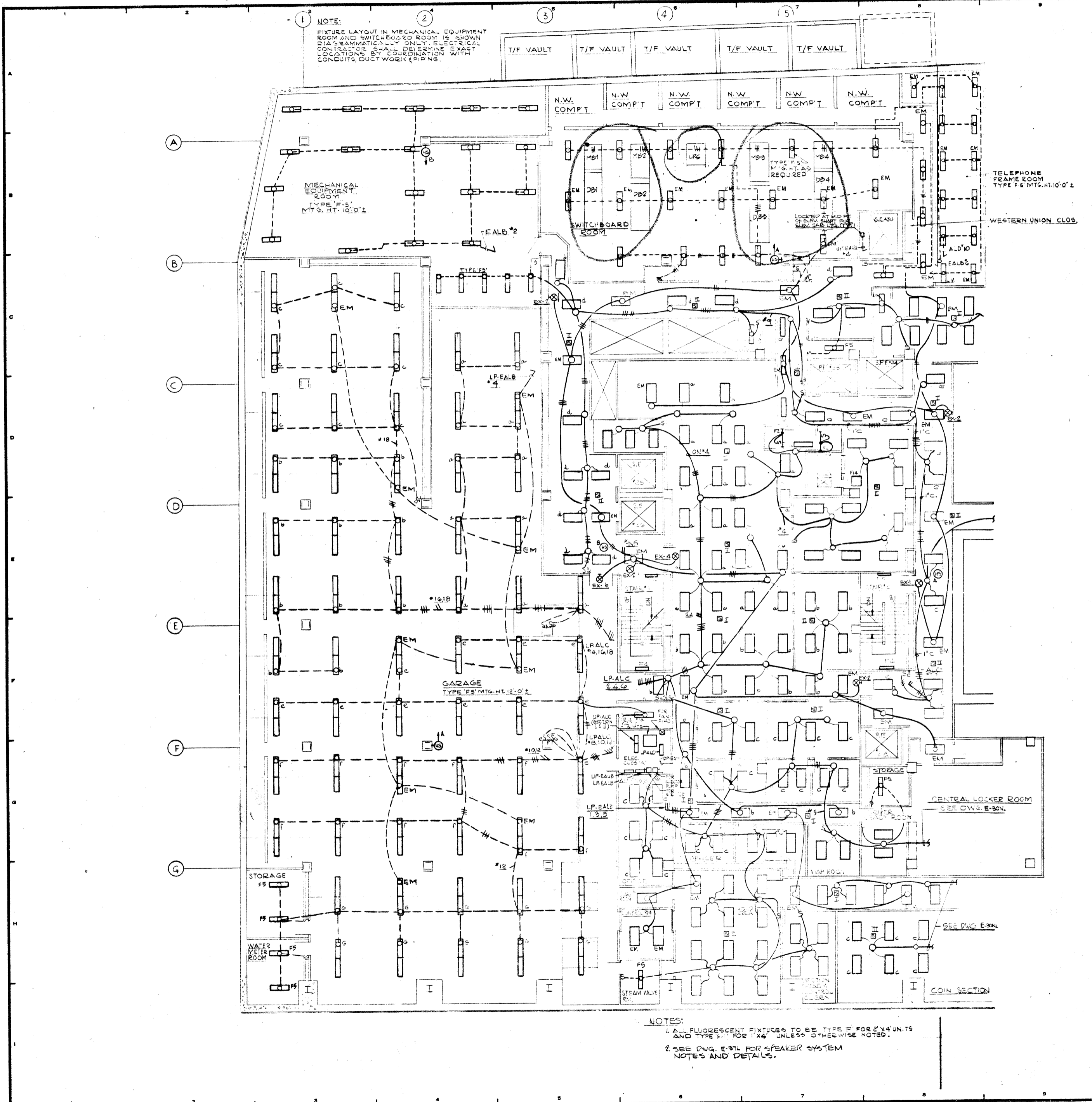
JAROS, BAUM & BOLLES MECH. & ELEC. ENGINEERS  
345 PARK AVENUE N.Y. N.Y. 10022

**LEVEL 'A' NORTH LIGHTING**

PROJECT NUMBER	7101
DRAWING NUMBER	E-30NL
DATE	1-1-72
SCALE	3/8" = 1'-0"







NOTE:  
 1. FIXTURE LAYOUT IN MECHANICAL EQUIPMENT ROOM AND SWITCHBOARD ROOM IS SHOWN DIA GRAMMATICALLY ONLY. ELECTRICAL CONFIGURATION SHALL BE DETERMINED BY COORDINATION WITH MECHANICAL CONTRACTOR. CONDUITS, DUCTWORK & PIPING.

NOTES:  
 1. ALL FLUORESCENT FIXTURES TO BE TYPE F1 FOR 2' X 4' UNITS AND TYPE F11 FOR 1' X 4' UNLESS OTHERWISE NOTED.  
 2. SEE DWG. E-311 FOR SPEAKER SYSTEM NOTES AND DETAILS.

REVISIONS		GENERAL UPDATE	
NO.	DATE	DESCRIPTION	

**A FISHER BROTHERS PROJECT**  
 GREENWICH AND LIBERTY ST. N.Y. N.Y.

**SHREVE, LAMBA HARMON ASSOCIATES P.C. ARCHITECTS**  
 475 PARK AVENUE SOUTH N.Y. N.Y. 10016

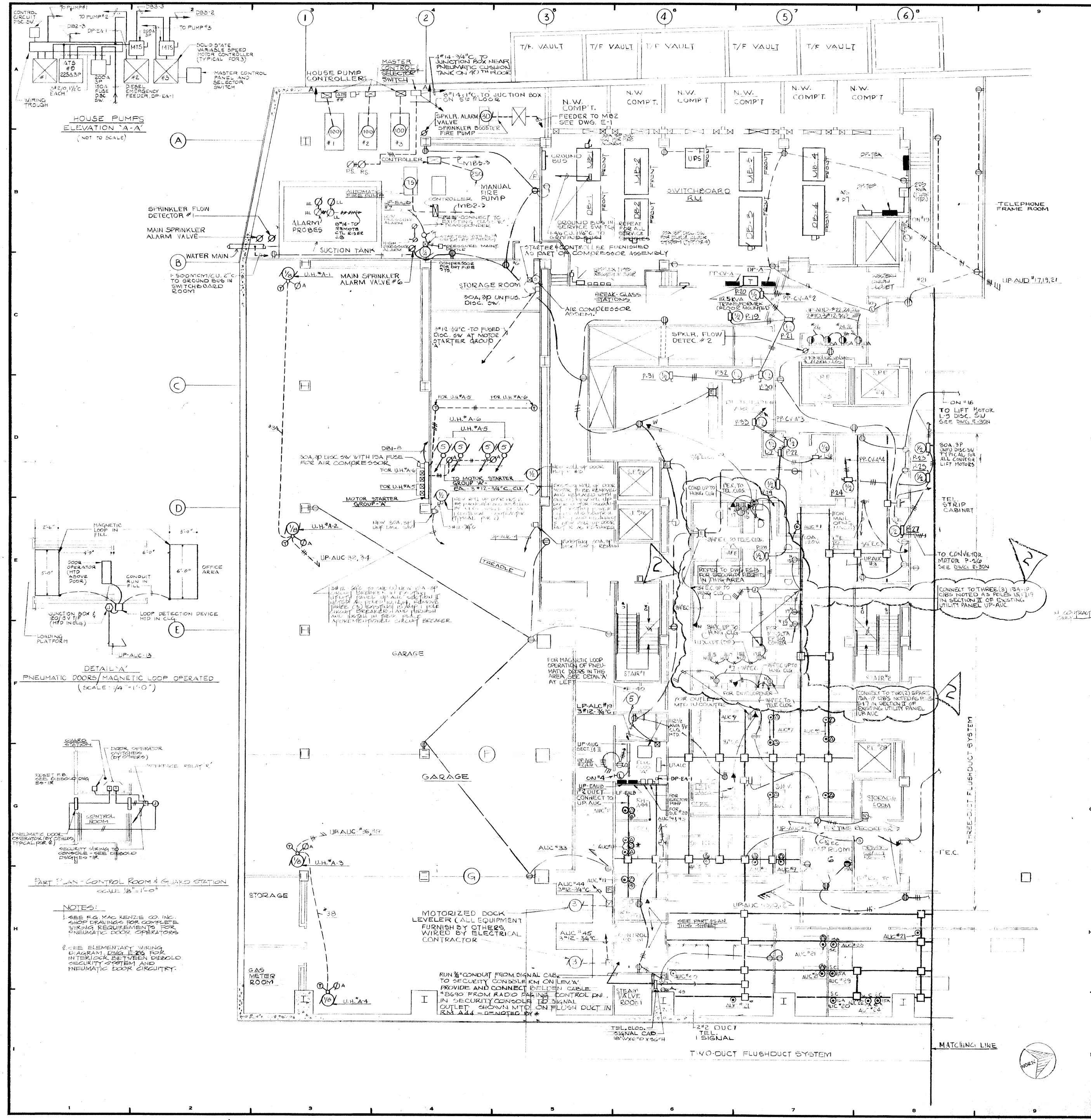
**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
 919 THIRD AVENUE N.Y. N.Y. 10022

**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**  
 515 MADISON AVENUE N.Y. N.Y. 10022

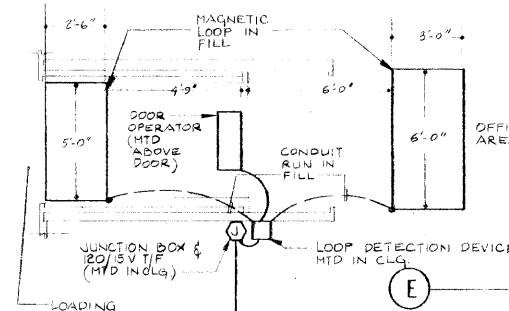
**JAROS, BAUM & BOLLES MECH. & ELEC. ENGINEERS**  
 345 PARK AVENUE N.Y. N.Y. 10022

LEVEL 'A' SOUTH LIGHTING

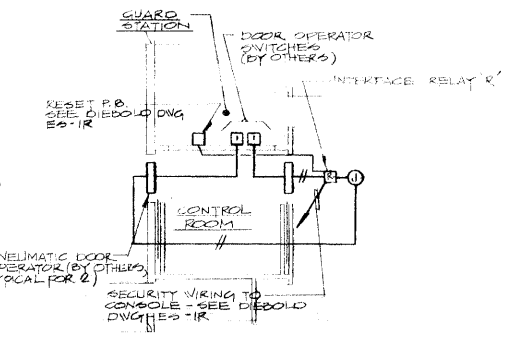
PROJECT NUMBER	7101
DRAWING NUMBER	E-30SL
DATE	1-1-72
SCALE	1/8" = 1'-0"



HOUSE PUMPS ELEVATION A-A (NOT TO SCALE)



DETAIL 'A' PNEUMATIC DOORS/MAGNETIC LOOP OPERATED (SCALE: 1/4\"/>



PART PLAN - CONTROL ROOM & GUARD STATION (SCALE: 3/8\"/>

NOTES:  
 1. SEE FIG. MAC KENTZIE CO. INC. 240P DRAWINGS FOR COMPLETE WIRING REQUIREMENTS FOR PNEUMATIC DOOR OPERATORS.  
 2. SEE ELEMENTARY WIRING DIAGRAM, FIG. 1-20 FOR INTERLOCK BETWEEN DIEBOLD SECURITY SYSTEM AND PNEUMATIC DOOR CIRCUITRY.

NO.	DATE	DESCRIPTION
4-29-81		REVISED AS PER SHREVE LAMB & HARMON ASSOCIATES DWG. A-3, DATED 4-29-81
7-18-80		ADDED NEW WELL UP DOOR MOTOR AND ASSOCIATED WIRING
12-21-79		GENERAL UPDATE

REVISIONS

ISSUED TO	NO.	DATE	PKG. NO.

**BANKERS TRUST PLAZA**  
**A FISHER BROTHERS PROJECT**

GREENWICH AND LIBERTY ST. N.Y. N.Y.

SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS  
 475 PARK AVENUE SOUTH N.Y. N.Y. 10016

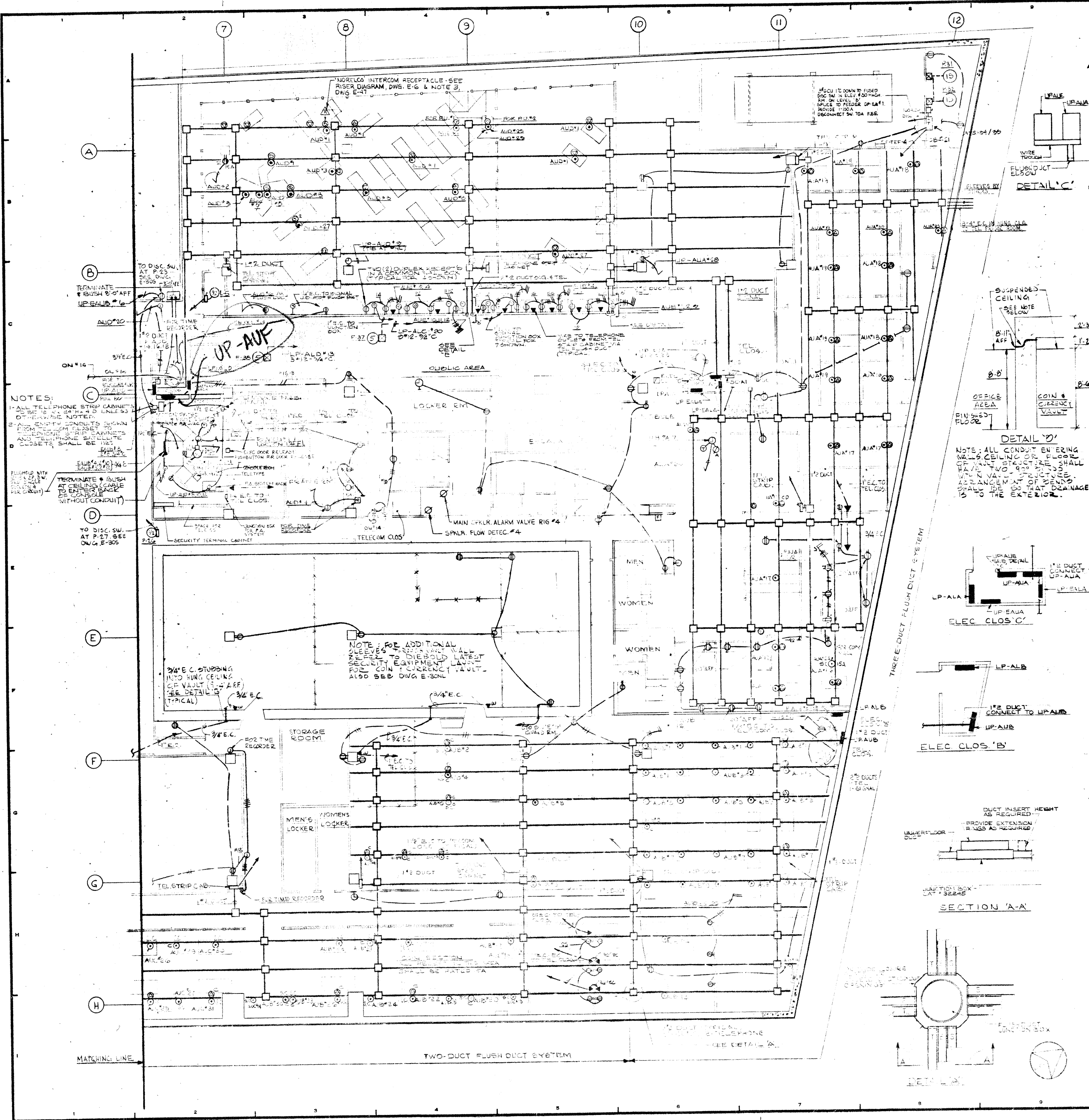
PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS  
 919 THIRD AVENUE N.Y. N.Y. 10022

THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS  
 515 MADISON AVENUE N.Y. N.Y. 10022

JAROS, BAUM & BOLLES MECH. & ELEC. ENGINEERS  
 345 PARK AVENUE N.Y. N.Y. 10022

LEVEL 'A' SOUTH POWER

PROJECT NUMBER	7101
DRAWING NUMBER	E-30S
DATE	1-7-72
SCALE	3/8" = 1'-0"

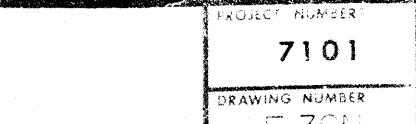
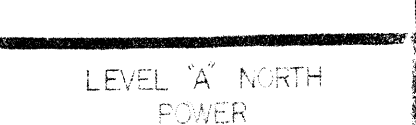
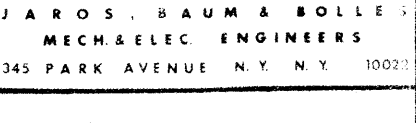
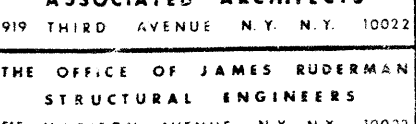
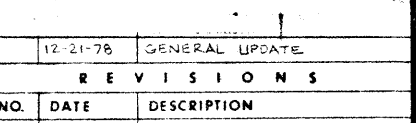
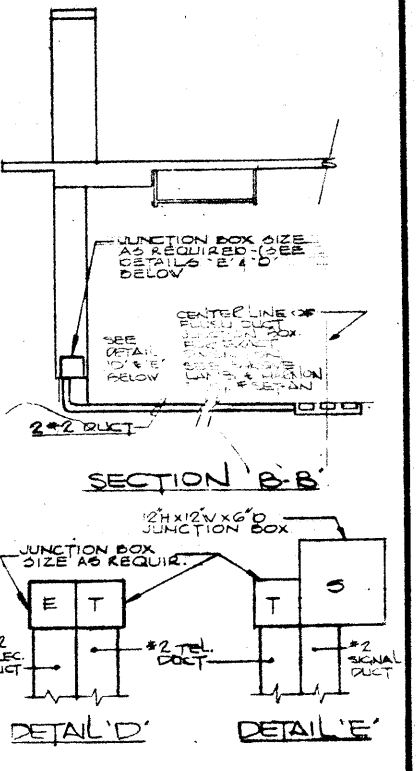


**NOTES:**  
 1. ALL TELEPHONE STRIP CABINETS TO BE 12" x 24" x 4" UNLESS OTHERWISE NOTED.  
 2. ALL CONDUIT RUNS TO BE SHOWN FROM TELEPHONE STRIP CABINETS AND TELEPHONE SCHEDULE COBBETS SHALL BE 1/2".  
 3. TERMINATE & BUSH AT CEILING & CABLE TO BATTERY (WITHOUT CONDUIT).  
 4. TO DISC SW. AT P. 27 SEE DWG. E-305.

**UP-AUF**

**NOTE:** FOR ADDITIONAL SLEEVES TO DIEHOLD LATEST SECURITY EQUIPMENT VAULT. ALSO SEE DWG. E-304.

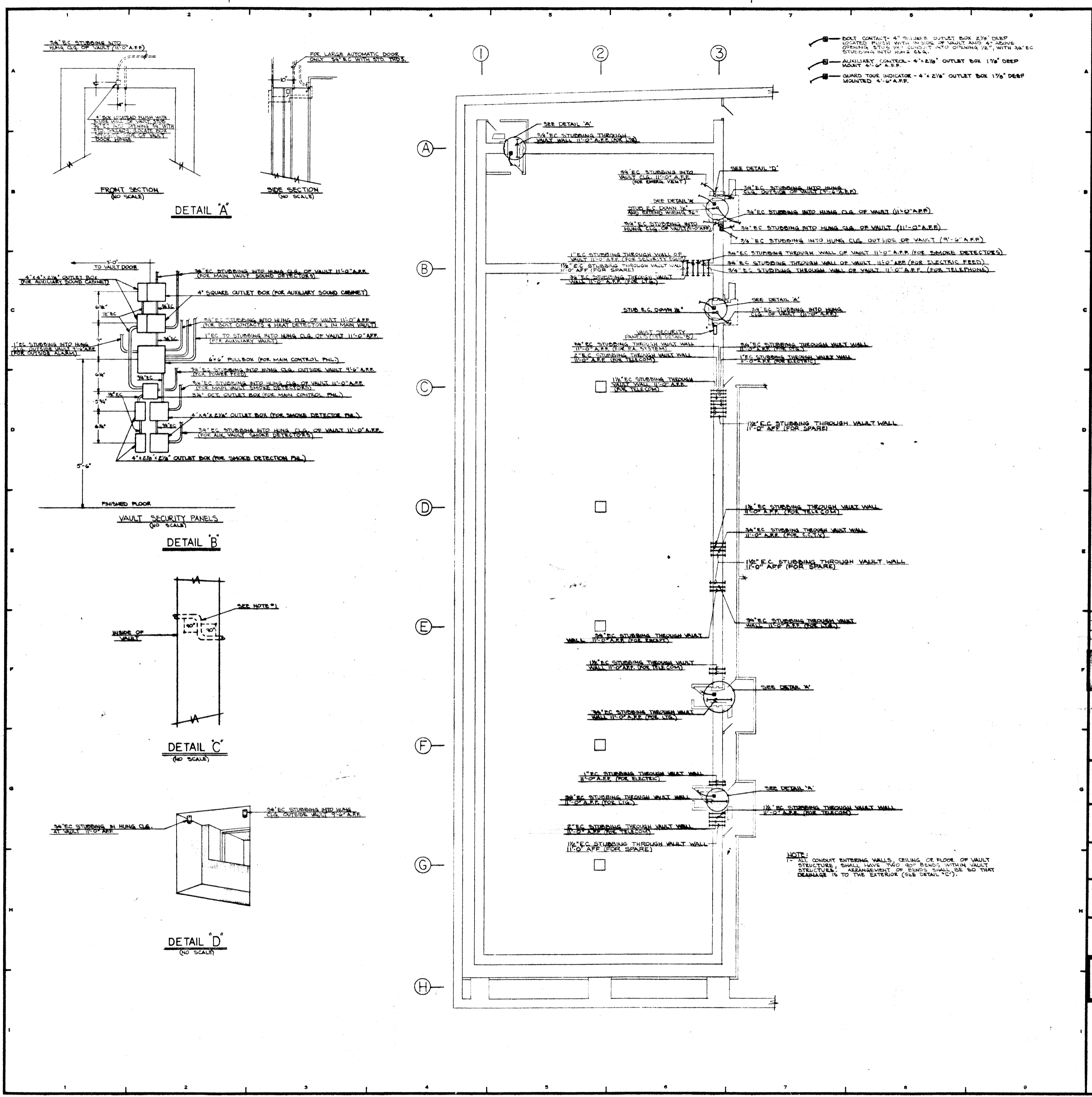
**NOTE:** ALL CONDUIT ENTERING WALLS, CEILING OR FLOOR OF THIS STRUCTURE SHALL HAVE VENT TO EXTERIOR. ARRANGEMENT OF VENTS SHALL BE SUCH THAT DRAINAGE IS TO THE EXTERIOR.



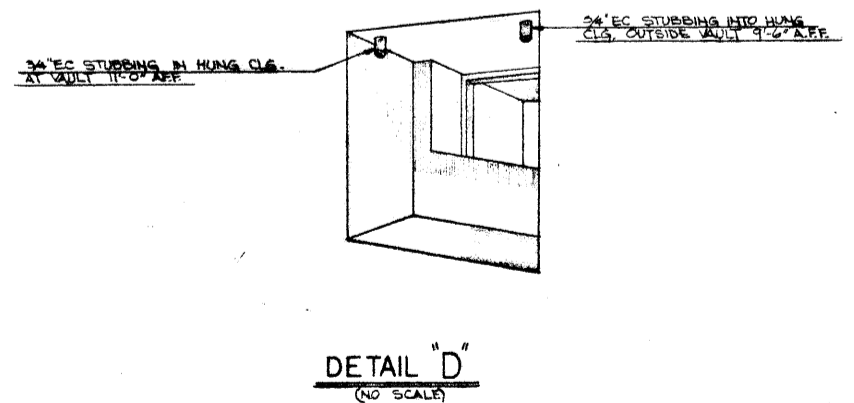
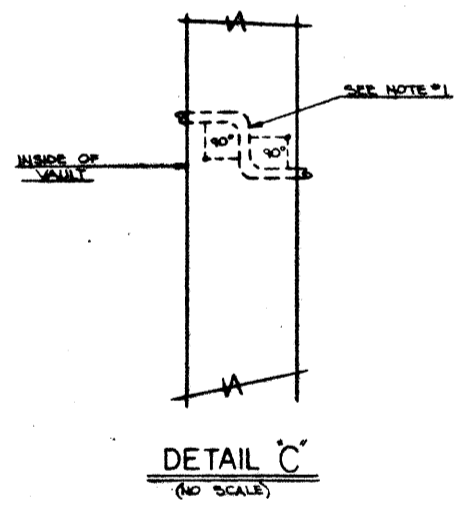
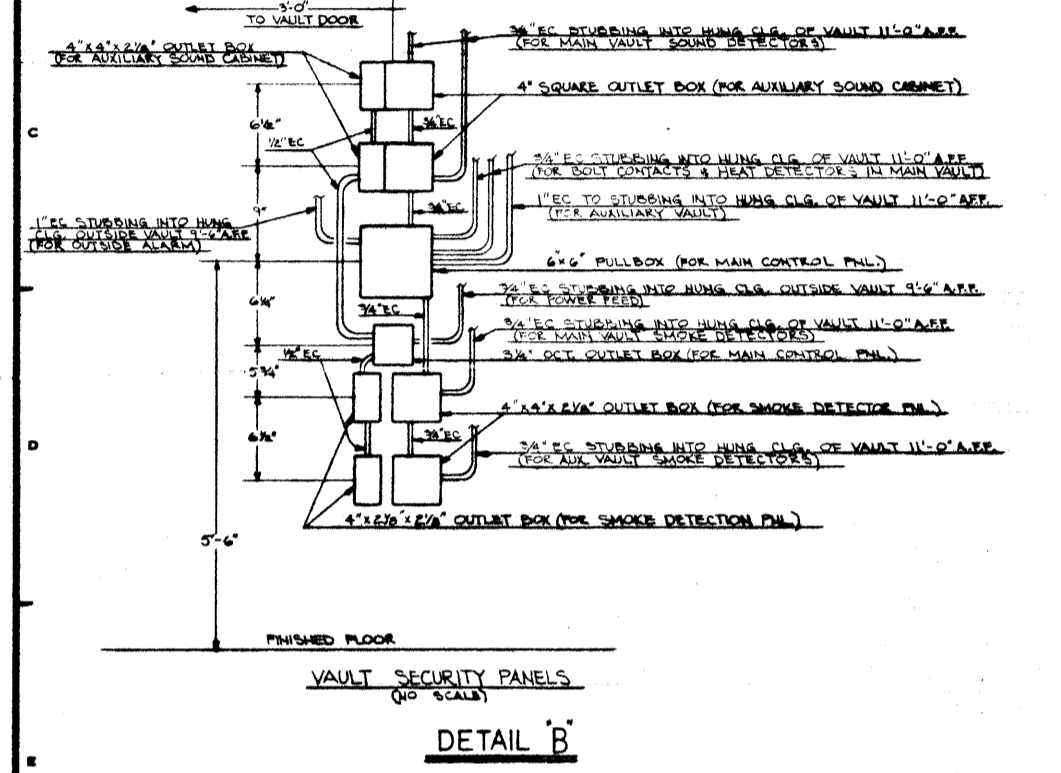
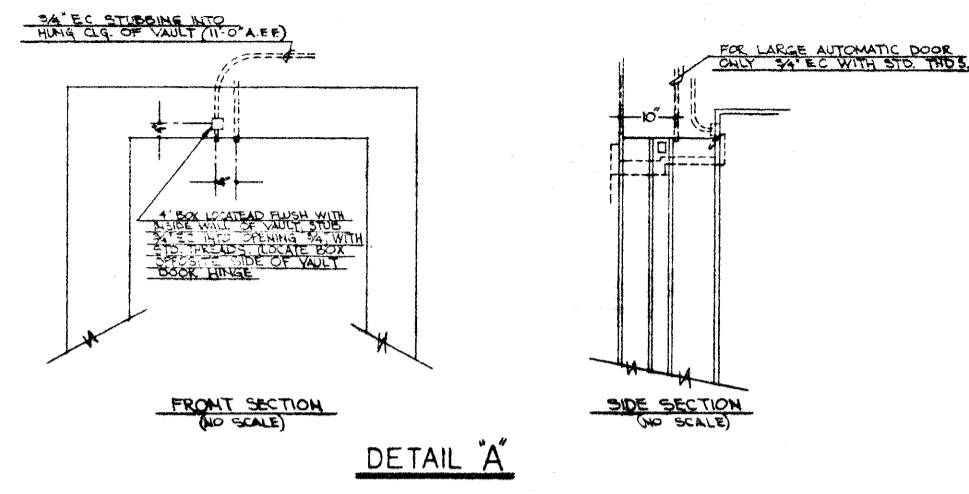
REVISIONS		
NO.	DATE	DESCRIPTION

**A FISHER BROTHERS PROJECT**  
 GREENWICH AND LIBERTY ST. N.Y. N.Y.  
**SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS**  
 475 PARK AVENUE SOUTH N.Y. N.Y. 10016  
**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
 919 THIRD AVENUE N.Y. N.Y. 10022  
**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**  
 515 MADISON AVENUE N.Y. N.Y. 10022  
**J. A. ROSS, BAUM & BOLLE MECH. & ELEC. ENGINEERS**  
 345 PARK AVENUE N.Y. N.Y. 10022

**LEVEL 'A' NORTH POWER**  
 PROJECT NUMBER  
**7101**  
 DRAWING NUMBER  
**E-304**  
 DATE  
 SCALE



- BOLT CONTACT - 4" SQUARE OUTLET BOX 2 1/2" DEEP LOCATED PUSH WITH INSIDE OF VAULT AND 4" ABOVE OPENING. STUD W/ CONDUIT INTO OPENING 1/2", WITH 3/4" EC STUDING INTO MAIN CLG.
- AUXILIARY CONTROL - 4" x 2 1/2" OUTLET BOX 1 1/2" DEEP MOUNT 4" OF A.F.F.
- GUARD TOUR INDICATOR - 4" x 2 1/2" OUTLET BOX 1 1/2" DEEP MOUNTED 4" OF A.F.F.



NOTE:  
 ALL CONDUIT ENTERING WALLS, CEILING OR FLOOR OF VAULT STRUCTURE, SHALL HAVE TWO 90° BENDS WITHIN VAULT STRUCTURE. ARRANGEMENT OF BENDS SHALL BE SO THAT DAMAGE IS TO THE EXTERIOR (SEE DETAIL 'C').

12-21-78	GENERAL UPDATE	
NO.	DATE	DESCRIPTION
REVISIONS		
ISSUED TO	NO.	DATE
		PKG. NO.

**A FISHER BROTHERS PROJECT**

GREENWICH AND LIBERTY ST. N.Y. N.Y.

**SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS**  
 475 PARK AVENUE SOUTH N.Y. N.Y. 10016

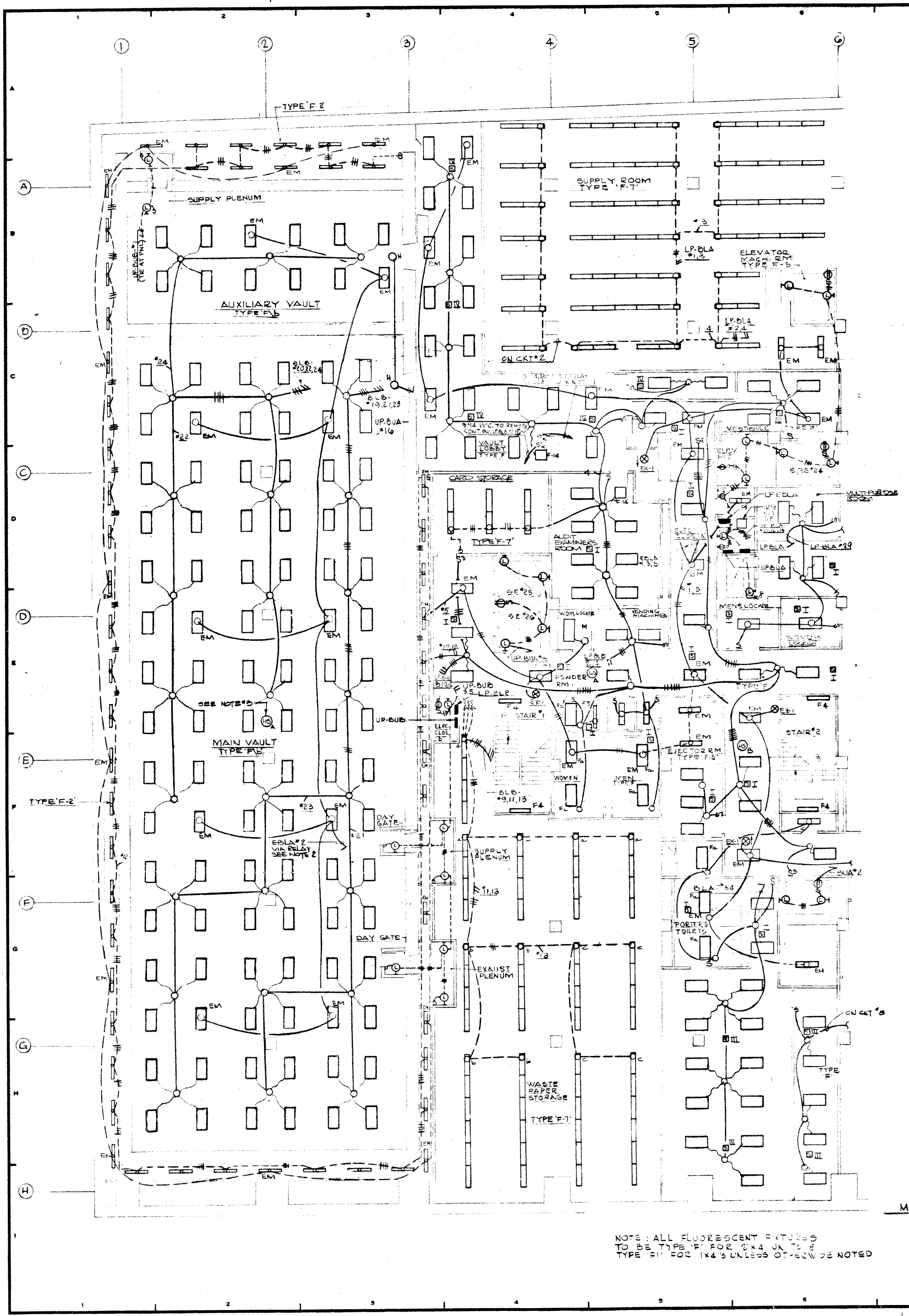
**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
 919 THIRD AVENUE N.Y. N.Y. 10022

**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**  
 515 MADISON AVENUE N.Y. N.Y. 10022

**J. A. ROSS, BAUM & BOLLES MECH. & ELEC. ENGINEERS**  
 345 PARK AVENUE N.Y. N.Y. 10022

**MAIN VAULT LEVEL 'B' CONDUIT WORK**

PROJECT NUMBER	7101
DRAWING NUMBER	E-29V
DATE	1-7-72
SCALE	1/8" = 1'-0"



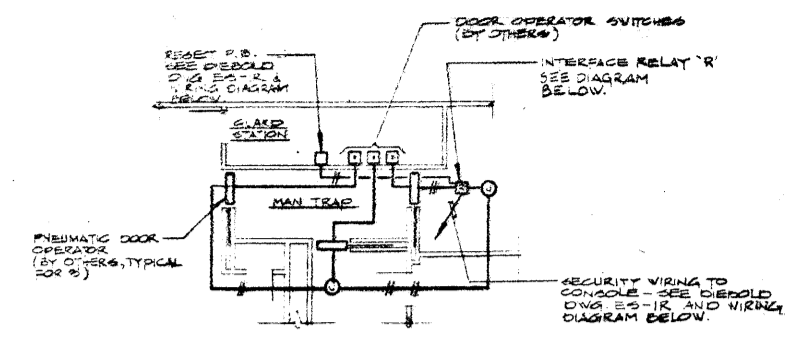
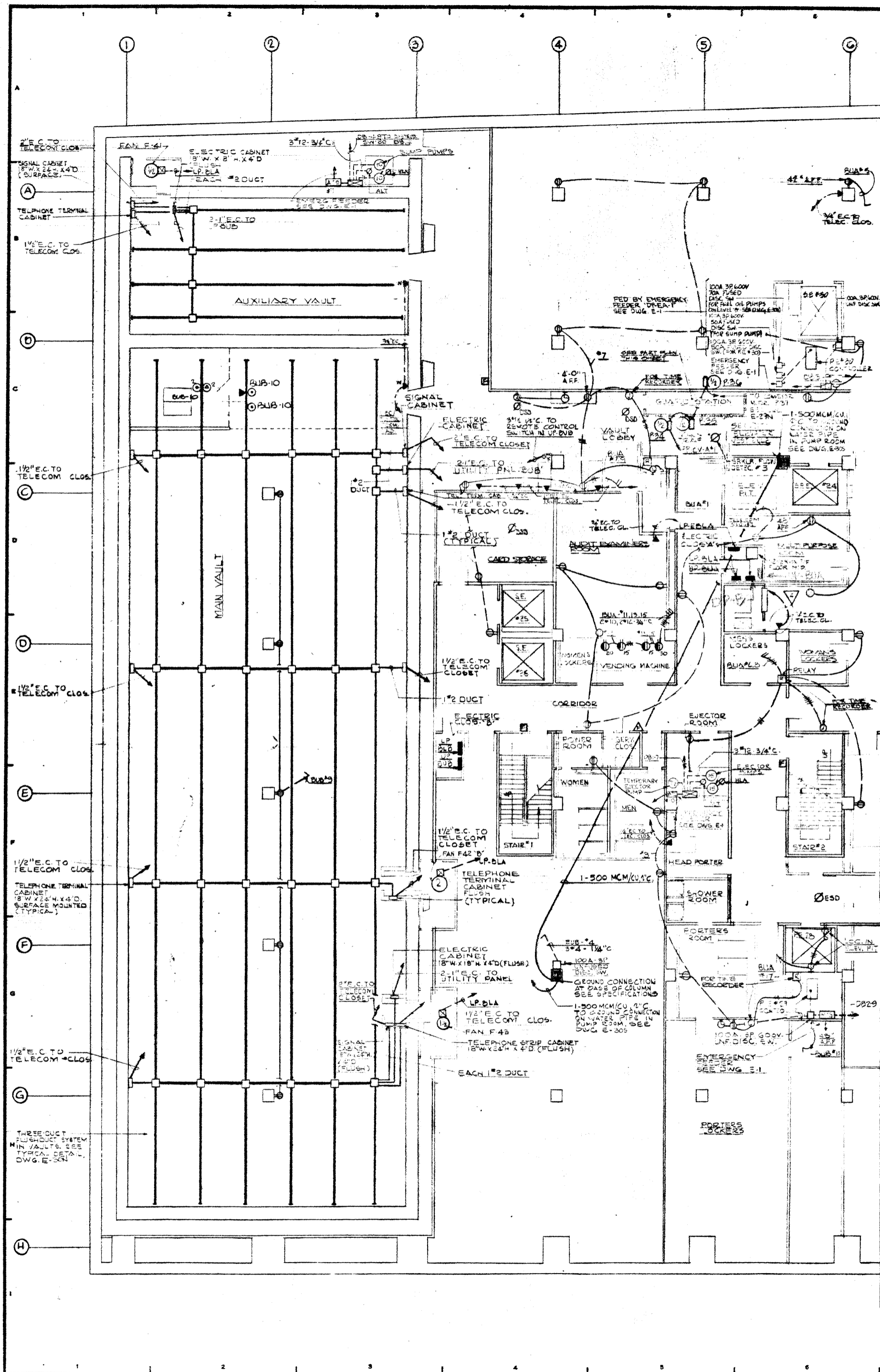
NOTES:  
 1. EMERGENCY CIRCUIT EDLA #2 SERVING MAIN VAULT SHALL BE RUN VIA RIBBY MECHANICALLY RED COOV. 25A. POLE. (1 POLE FOR NEUTRAL) AND 2 POLE (SERVING EDLA) SHALL HAVE NEMA ENCLOSURE AND SHALL BE INSTALLED IN ELECTRIC CLOSET ADJACENT TO LP EDLA.  
 2. SEE DWG. E-31L FOR SPEAKER SYSTEM NOTES AND DETAILS.  
 3. WIRES FOR HORN SPEAKER IN VAULT TO BE RUN VIA EXISTING SPACE SLEEVE IN VAULT WALL. CONNECT TO EXISTING CIRCUIT W/AT EXISTING HORN SPEAKER IN CORRIDOR.

NOTE: ALL FLUORESCENT FIXTURES TO BE TYPE 'F' FOR 2'x4' UNLESS OTHERWISE NOTED  
 TYPE 'F1' FOR 1'x4' UNLESS OTHERWISE NOTED

MATCH LINE

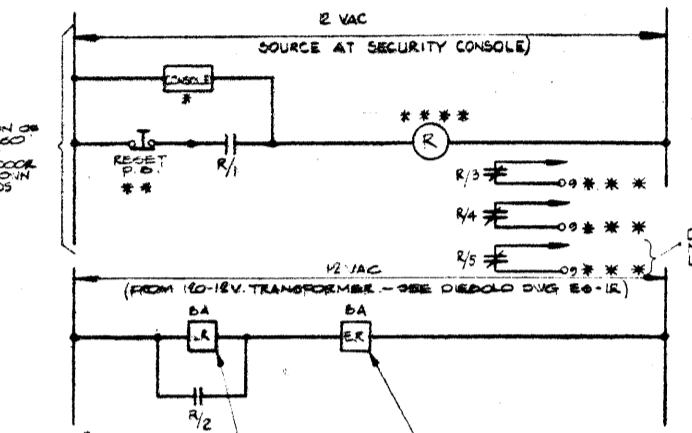


12-21-76		GENERAL UPDATE	
REVISIONS			
NO.	DATE	DESCRIPTION	
ISSUED TO	NO.	DATE	PKG. NO.
<b>A FISHER BROTHERS PROJECT</b>			
GREENWICH AND LIBERTY ST. N.Y. N.Y.			
<b>SHREVE, LAMB &amp; HARMON ASSOCIATES P.C. ARCHITECTS</b>			
475 PARK AVENUE SOUTH N.Y. N.Y. 10016			
<b>PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS</b>			
919 THIRD AVENUE N.Y. N.Y. 10022			
<b>THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS</b>			
515 MADISON AVENUE N.Y. N.Y. 10022			
<b>J. A. ROS, BAUM &amp; BOLLES MECH. &amp; ELEC. ENGINEERS</b>			
345 PARK AVENUE N.Y. N.Y. 10022			
LEVEL "B" SOUTH LIGHTING			
PROJECT NUMBER		7101	
DRAWING NUMBER		E-29SL	
DATE		1-7-72	
SCALE		3/8"=1'-0"	



PART PLAN - MAN TRAP & GUARD STATION  
LEVEL B, (SIMILAR FOR LEVEL A)  
SCALE 1/8" = 1'-0"

NOTE:  
SEE FIG. MACKENZIE CO. INC. SHOP  
DRAWING FOR COMPLETE WIRING  
REQUIREMENTS FOR PNEUMATIC  
DOOR OPERATORS.

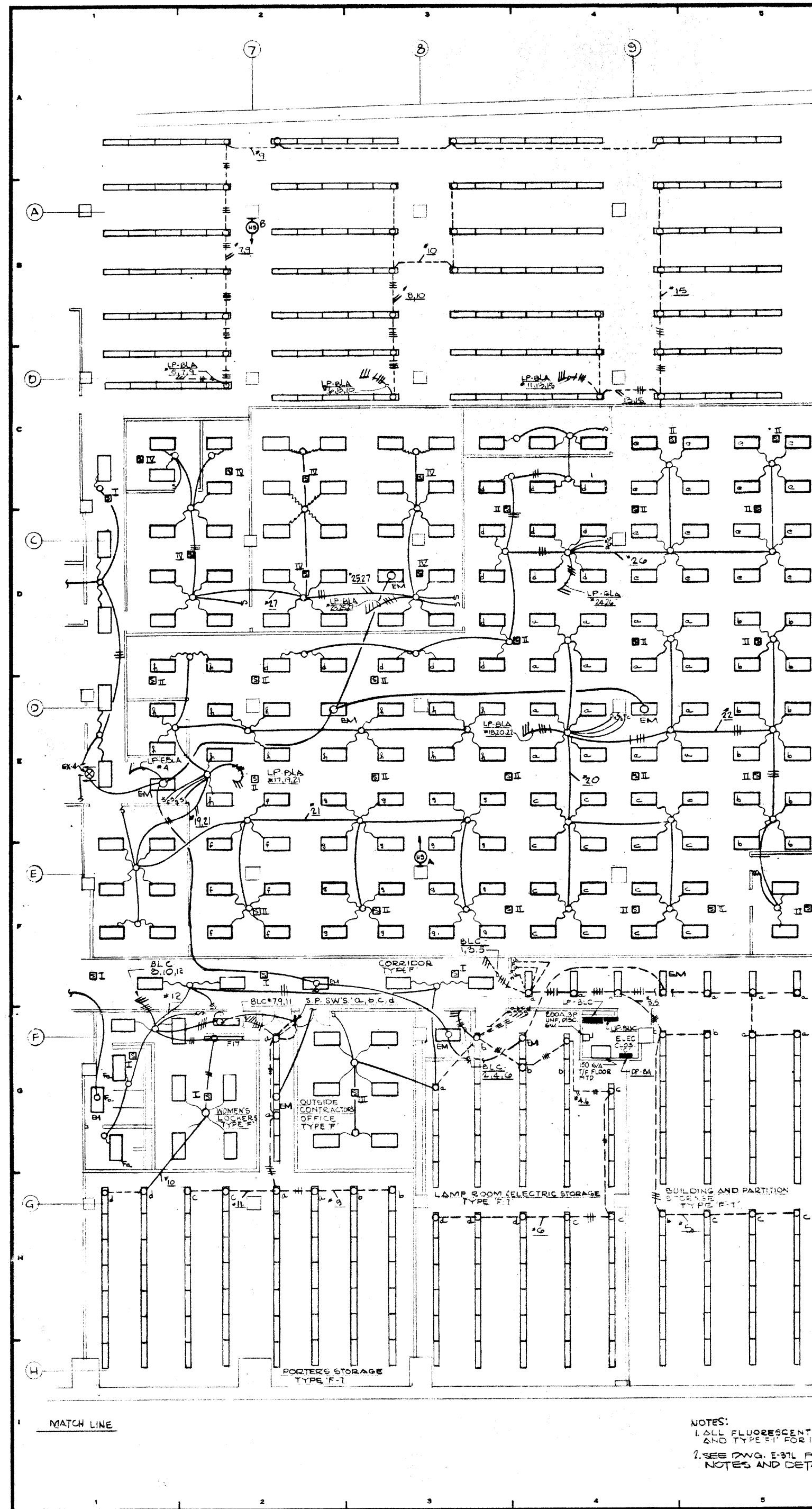


ELEMENTARY WIRING DIAGRAM  
INTERLOCK BETWEEN DIEBOLD SECURITY  
SYSTEM AND PNEUMATIC DOOR CIRCUITRY  
ON MAN TRAP ON LEVEL A, B, C

- \* AUTOMATIC & MANUAL CONTROL DEVICES IN SECURITY CONSOLE
- \*\* PUSHBUTTON IN MAIN TRAP GUARD STATION (BY DIEBOLD)
- \*\*\* TERMINALS IN MACKENZIE DOOR OPERATOR CABINETS (ONE PER DOOR) SEE MACKENZIE DRAWING 570
- \*\*\*\* CONTROL RELAY TO HAVE 12 VOLT OPERATING COIL & 2 V.C. (3-NO CONTACTS RATED FOR 24 VOLT SERVICE)

12-21-78	GENERAL UPDATE		
REVISIONS			
NO.	DATE	DESCRIPTION	
ISSUED TO	NO.	DATE	PKG. NO.
<b>A FISHER BROTHERS PROJECT</b>			
GREENWICH AND LIBERTY ST. N.Y. N.Y.			
<b>SHREVE, LAMB &amp; HARMON ASSOCIATES P.C. ARCHITECTS</b>			
475 PARK AVENUE SOUTH N.Y. N.Y. 10016			
<b>PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS</b>			
919 THIRD AVENUE N.Y. N.Y. 10022			
<b>THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS</b>			
515 MADISON AVENUE N.Y. N.Y. 10022			
<b>JAROS, BAUM &amp; BOLLES MECH. &amp; ELEC. ENGINEERS</b>			
345 PARK AVENUE N.Y. N.Y. 10022			

LEVEL "B" SOUTH POWER	
PROJECT NUMBER	7101
DRAWING NUMBER	E-29S
DATE	
SCALE	



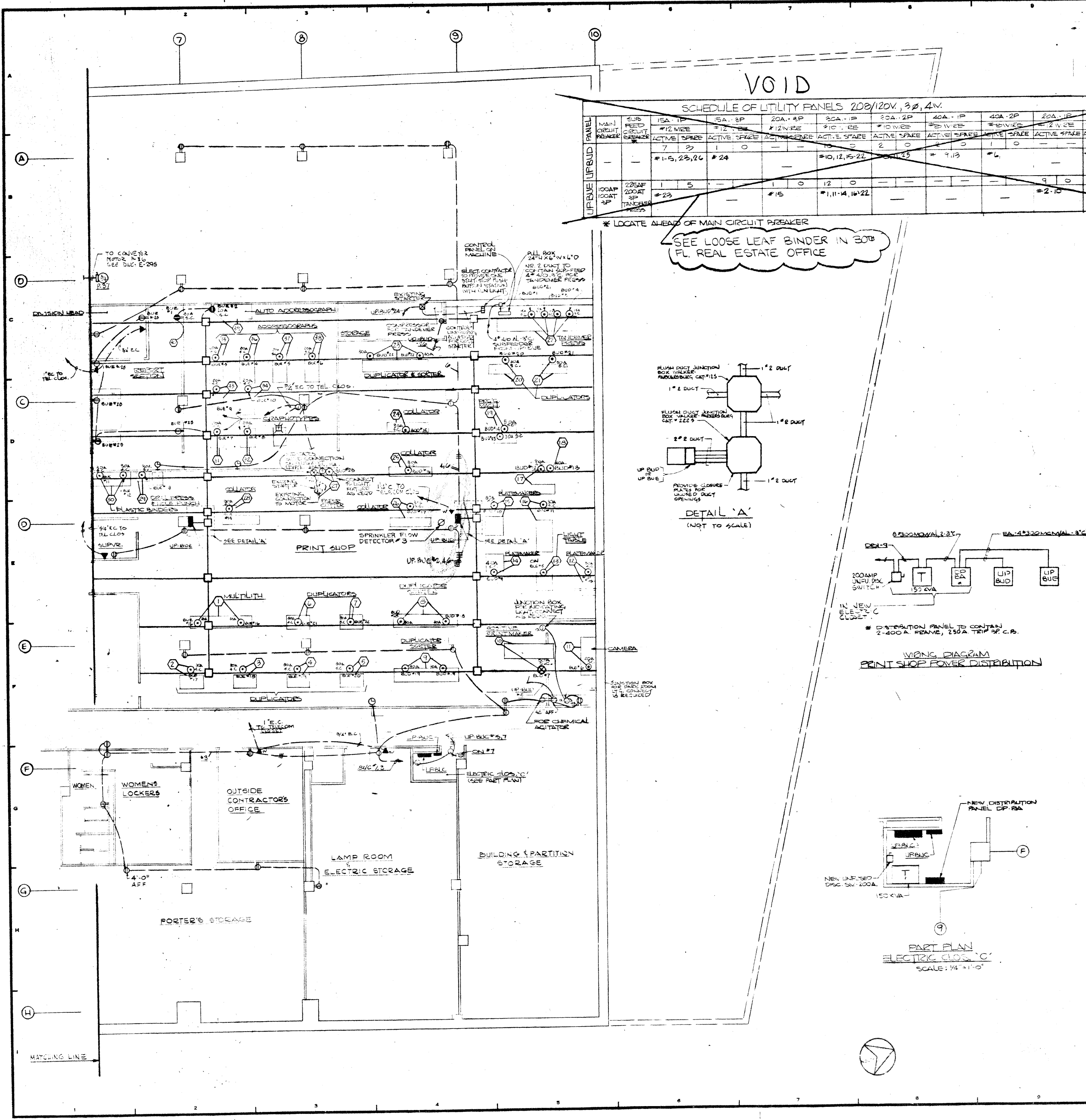
MATCH LINE

NOTES:  
 1. ALL FLUORESCENT FIXTURES TO BE TYPE 'F' FOR 2'x4' UNITS  
 AND TYPE 'E' FOR 1'x4' UNLESS OTHERWISE NOTED  
 2. SEE DWG. E-37L FOR SPEAKER SYSTEM  
 NOTES AND DETAILS

12-21-70	GENERAL UPDATE		
REVISIONS			
NO.	DATE	DESCRIPTION	
ISSUED TO	NO.	DATE	PKG. NO.
PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS 919 THIRD AVENUE N.Y. N.Y. 10022			
<b>A FISHER BROTHERS PROJECT</b> GREENWICH AND LIBERTY ST. N.Y. N.Y.			
SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS 475 PARK AVENUE SOUTH N.Y. N.Y. 10016			
PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS 919 THIRD AVENUE N.Y. N.Y. 10022			
THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS 515 MADISON AVENUE N.Y. N.Y. 10022			
JAROS, BAUM & BOLLES MECH. & ELEC. ENGINEERS 345 PARK AVENUE N.Y. N.Y. 10022			

LEVEL 'B' NORTH  
 LIGHTING

PROJECT NUMBER	7101
DRAWING NUMBER	E-29NL
DATE	1-7-72
SCALE	1/8" = 1'-0"



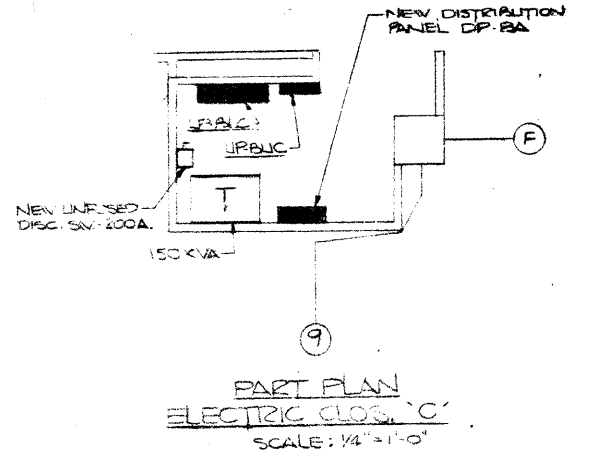
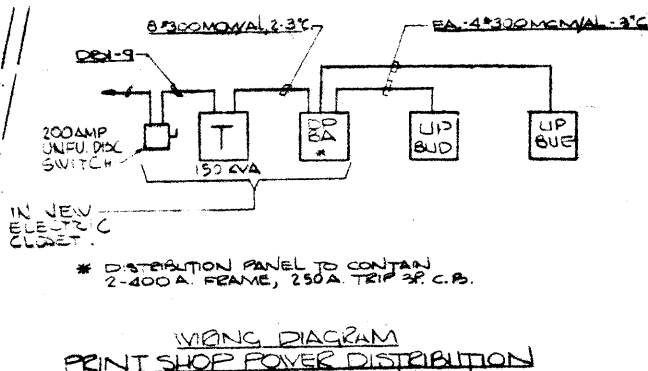
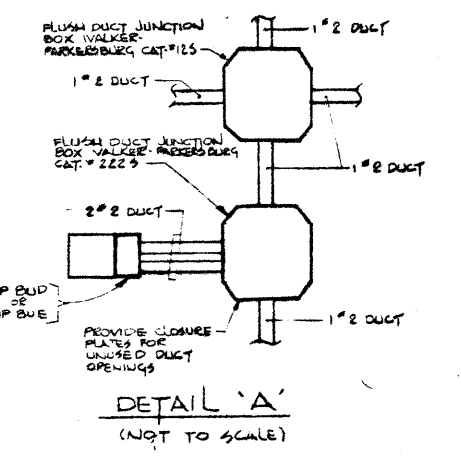
**VOID**

**SCHEDULE OF UTILITY PANELS 200/120V, 3Ø, 4W.**

UPBUD PANEL	MAIN CIRCUIT BREAKER	SUB FEED	ISA-1P	ISA-3P	ISA-4P	ISA-1P	ISA-3P	ISA-4P	ISA-1P	ISA-3P	ISA-4P	ISA-1P	ISA-3P	ISA-4P	ISA-1P	ISA-3P	ISA-4P
			#12 WIRE	#12 WIRE	#12 WIRE	#10 WIRE	#10 WIRE	#10 WIRE	#10 WIRE	#10 WIRE	#10 WIRE	#10 WIRE	#10 WIRE	#10 WIRE	#10 WIRE	#10 WIRE	#10 WIRE
			ACTIVE SPACE	ACTIVE SPACE	ACTIVE SPACE	ACTIVE SPACE	ACTIVE SPACE	ACTIVE SPACE	ACTIVE SPACE	ACTIVE SPACE	ACTIVE SPACE	ACTIVE SPACE	ACTIVE SPACE	ACTIVE SPACE	ACTIVE SPACE	ACTIVE SPACE	ACTIVE SPACE
			#1-5, 23, 24	#24		#10, 12, 15, 22	#10, 12, 15, 22	#10, 12, 15, 22	#10, 12, 15, 22	#10, 12, 15, 22	#10, 12, 15, 22	#10, 12, 15, 22	#10, 12, 15, 22	#10, 12, 15, 22	#10, 12, 15, 22	#10, 12, 15, 22	#10, 12, 15, 22

\* LOCATE AHEAD OF MAIN CIRCUIT BREAKER

SEE LOOSE LEAF BINDER IN 30TH FL. REAL ESTATE OFFICE



REVISIONS	
NO.	DESCRIPTION
12-21-78	GENERAL UPDATE

ISSUED TO	NO.	DATE	PKG. NO.

**A FISHER BROTHERS PROJECT**

GREENWICH AND LIBERTY ST. N.Y. N.Y.

**SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS**

475 PARK AVENUE SOUTH N.Y. N.Y. 10016

**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**

919 THIRD AVENUE N.Y. N.Y. 10022

**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**

515 MADISON AVENUE N.Y. N.Y. 10022

**JAROS, BAUM & BOLLES MECH. ELEC. ENGINEERS**

345 PARK AVENUE N.Y. N.Y. 10022

**LEVEL B NORTH POWER**

PROJECT NUMBER  
**7101**

DRAWING NUMBER  
**E-29N**

DATE  
11-78

SCALE



SCHEDULE OF KITCHEN POWER PANELS

PANEL No.	SECT.	SIZE	NO. OF CIRCUITS	TYPE	FEEDER No.	SUPPLIES	No.	SIZE	TYPE	REMARKS	
1		100	15	1	Q	PRKE*1	ITEM*16 RELAY CABINET*4	2	12	3/4"	
2		100	20	1	Q	PRKE*2	ITEM*30 ICE CREAM DISP. 1/3 HP	*			
3		100	20	1	Q	PRKE*3	ITEM*30 SODA DISP. STD.	*			
4		100	20	1	Q	PRKE*4	ITEM*37 MILK DISP. 1/3 HP	*			
5		100	20	1	Q	PRKE*5	ITEM*34 SODA DISP. SYS.	*			
6		100	20	1	Q	PRKE*6	ITEM*35 ICE DISP. 3/4 HP	*			
7		100	20	1	Q	PRKE*7	ITEM*33 ICE DISP. 3/4 HP	*			
8		100	20	1	Q	PRKE*8	ITEM*34 ICE TEA DISP. 15KW	*			
9		100	20	3	Q	PRKE*9	ITEM*25 REFRIG. 1/2 HP	*			
10		100	20	1	Q	PRKE*10	ITEM*34 ICE TEA DISP. 15KW	*			
11		100	20	3	Q	PRKE*11	ITEM*25 REFRIG. 1/2 HP	*			
12		100	20	1	Q	PRKE*12	ITEM*33 ICE DISP. 3/4 HP	*			
13		100	15	1	Q	PRKE*13	ITEM*26 DISPLAY LIT.	*			
14		100	20	1	Q	PRKE*14	ITEM*20 REFRIG. - RECEPT.	*			
15		100	15	1	Q	PRKE*15	ITEM*26 DISPLAY LIT.	*			
16		100	20	1	Q	PRKE*16	ITEM*20 REFRIG. 1/2 HP	*			
17		100	20	1	Q	PRKE*17	ITEM*30 CUP & SAUCER DISP.	*			
18		100	20	1	Q	PRKE*18	ITEM*30 CUP & SAUCER DISP. 15KW	*			
19		100	20	1	Q	PRKE*19	ITEM*30 CUP & SAUCER DISP. 15KW	*			
20		100	20	1	Q	PRKE*20	ITEM*30 CUP & SAUCER DISP.	*			
21		100	20	1	Q	PRKE*21	ITEM*30 CUP & SAUCER 15KW	*			
22		100	20	1	Q	PRKE*22	ITEM*30 CUP & SAUCER 15KW	*			
23		100	20	1	Q	PRKE*23	ITEM*2 REFRIG. (2) 1/3 HP	*			
24		100	20	1	Q	PRKE*24	ITEM*20 WARMER 15KW	2	12	3/4"	
25		100	20	1	Q	PRKE*25	ITEM*2 REFRIG. - RECEPT.	*			
26		100	20	3	Q	PRKE*26	ITEM*14 STEAM TABLES 45KW	3	12	3/4"	
27		100	20	1	Q	PRKE*27	ITEM*10 BUTTER DISP.	*			
28		100	20	3	Q	PRKE*28	ITEM*20 WARMER 3KW	3	12	3/4"	
29		100	20	1	Q	PRKE*29	ITEM*15 STEAM TABLES	*			
30		100	20	1	Q	PRKE*30	ITEM*10 WARMER	2	12	3/4"	
31		100	20	1	Q	PRKE*31	ITEM*15 STEAM TABLES	*			
32		100	20	3	Q	PRKE*32	ITEM*10 WARMER 3KW	3	12	3/4"	
33		100	15	1	Q	PRKE*33	SPARE				
34		100	30	1	Q	PRKE*34	SPARE				
35		100	50	3	Q	PRKE*35	ITEM*7 GRIDDLE 16 KW	*			
36		100	20	1	Q	PRKE*36	ITEM*6 GRILL 15KW	*			
37		100	40	3	Q	PRKE*37	ITEM*7 GRIDDLE 12 KW	*			
38		100	20	1	Q	PRKE*38	ITEM*5 REFRIG.	*			
39		100	40	3	Q	PRKE*39	ITEM*8 FRYER 12 KW	*			
40		100	15	1	Q	PRKE*40	ITEM*9 HOOD LIT.	*			
41		100	20	2	Q	PRKE*41	SPARE				
42		100	15	1	Q	PRKE*42	SPACE				
43		100	15	1	Q	PRKE*43	SPACE				
44		100	15	1	Q	PRKE*44	SPACE				
45		100	20	1	Q	PRKE*45	ITEM*41 SANDWICH SECT.	*			
46		100	20	1	Q	PRKE*46	ITEM*42 SOUP SECT.	2	12	3/4"	
47		100	20	1	Q	PRKE*47	ITEM*20 WARMER 15KW	*			
48		100	20	3	Q	PRKE*48	ITEM*47 WARMER 4 KW	3	12	3/4"	
49		100	20	1	Q	PRKE*49	ITEM*42 SOUP SECT.	*			
50		100	20	1	Q	PRKE*50	ITEM*48 REFRIG. 1/3 HP	*			
51		100	20	1	Q	PRKE*51	ITEM*10 WARMER 15KW	2	12	3/4"	
52		100	20	1	Q	PRKE*52	ITEM*40 REFRIG. 1/3 HP	*			
53		100	30	3	Q	PRKE*53	SPARE				
54		100	15	1	Q	PRKE*54	RECEPTACLE (1)	*			
55		100	30		Q	PRKE*55	SPACE				
56		100	20		Q	PRKE*56	SPACE				
57		100	15	1	Q	PRKE*57	SPACE				
58		100	15	1	Q	PRKE*58	SPACE				
1		100	20	1	Q	PRKF*1	ITEM*23 FOOD TRUCK 1KW	*			
2		100	20	1	Q	PRKF*2	RECEPTACLES (2)	*			
3		100	20	1	Q	PRKF*3	ITEM*23 FOOD TRUCK 1KW	*			
4		100	20	1	Q	PRKF*4	ITEM*23 FOOD TRUCK 1KW	*			
5		100	20	3	Q	PRKF*5	ITEM*24 COASTER 1 HP	3	12	3/4" THW	
6		100	20	1	Q	PRKF*6	ITEM*23 FOOD TRUCK 1KW	*			
7		100	20	2	Q	PRKF*7	ITEM*23 TOASTER 2.5KW	2	12	3/4" THW	
8		100	20	1	Q	PRKF*8	ITEM*24 COASTER'S CONVEYER	*			
9		100	20	2	Q	PRKF*9	ITEM*21 ICE CUBE MAKER 3/4 HP	2	12	3/4" THW	
10		100	20	1	Q	PRKF*10	ITEM*21 SAUCE PAN	*			
11		100	20	2	Q	PRKF*11	ITEM*15 OVEN 3.5 KW	*			
12		100	20	1	Q	PRKF*12	ITEM*16 REFRIG. 1/3 HP	*			
13		100	20	2	Q	PRKF*13	ITEM*15 OVEN 3.5 KW	*			
14		100	20	1	Q	PRKF*14	RECEPTACLES (2)	*			
15		100	20	1	Q	PRKF*15	ITEM*13 ICE CREAM CAB. 1/2 HP	*			
16		100	20	3	Q	PRKF*16	WASTE PULPING SYS. SH. & 2HP	3	10	3/4"	
17		100	30	1	Q	PRKF*17	ITEM*19 COFFEE MAKER 3.5 KW	*			
18		100	20	1	Q	PRKF*18	SPARE				
19		100	20	2	Q	PRKF*19	SPARE				
20		100	20	1	Q	PRKF*20	SPARE				

PROVIDE ALL  
ASCO 420 RCS  
150A-3P

NOTE:  
1. WHERE ASTERISK IS SHOWN, SEE PLAN FOR FEEDER SIZE

VOID  
SEE LOOSE LEAF  
BINDER IN 30TH FLOOR  
REAL ESTATE OFFICE

12-21-78	GENERAL UPDATE		
REVISIONS			
NO.	DATE	DESCRIPTION	
ISSUED TO	NO.	DATE	PKG. NO.
A FISHER BROTHERS PROJECT			
GREENWICH AND LIBERTY ST. N.Y. N.Y.			
SHREVE, LAMBA HARMON ASSOCIATES P.C. ARCHITECTS			
475 PARK AVENUE SOUTH N.Y. N.Y. 10016			
PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS			
919 THIRD AVENUE N.Y. N.Y. 10022			
THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS			
515 MADISON AVENUE N.Y. N.Y. 10022			
J. AROS, BAUM & BOLLES MECHANICAL ENGINEERS			
345 PARK AVENUE N.Y. N.Y. 10022			
KITCHEN SCHEDULE # 2 (4TH FL.)			
PROJECT NUMBER	7101		
DRAWING NUMBER	E-25		
DATE	1-7-72		
SCALE			

SCHEDULE OF KITCHEN POWER PANELS

PANEL NO.	CIRCUIT NO.	FEEDER	TRIP	POLAR.	FEEDER No.	SUPPLIES	FEEDER SIZE	REMARKS
PP-KA	1	100	20	1	Q	PP-KA1 ITEM#2 REFRIG. 1/2 P		
	2	100	20	1	Q	PP-KA2 ITEM#22 REFRIG. 1/2 P		
	3	100	20	1	Q	PP-KA3 ITEM#2 (LTS & VAP) & REFRIG		
	4	100	20	1	Q	PP-KA4 ITEM#23 REFRIG. 1/2 P & REFRIG		
	5	100	20	3	Q	PP-KA5 ITEM#25 REFRIG. 1/2 P		
	6	100	15	1	Q	PP-KA6 ITEM#26 D SPAN LTS		
	7	100	20	3	Q	PP-KA7 ITEM#25 REFRIG. 1/2 P		
	8	100	15	1	Q	PP-KA8 ITEM#26 D SPAN LTS		
	9	100	20	3	Q	PP-KA9 ITEM#16 FOOD WARMER 3 KW	3 12 3/4 THW	
	10	100	20	1	Q	PP-KA10 ITEM#30 WARMER	2 12 3/4 THW	
	11	100	20	1	Q	PP-KA11 ITEM#10 WARMER 15 KW	3 12 3/4 THW	
	12	100	20	3	Q	PP-KA12 ITEM#4 STEAM TABLES 5 KW	2 12 3/4 THW	
	13	100	30	1	Q	PP-KA13 ITEM#20 WARMER 20 KW	2 10 3/4 THW	
	14	100	20	1	Q	PP-KA14 ITEM#15 STEAM TABLES		
	15	100	20	3	Q	PP-KA15 ITEM#20 WARMER 3 KW	3 12 3/4	
	16	100	20	1	Q	PP-KA16 ITEM#15 STEAM TABLES		
	17	100	40	3	Q	PP-KA17 WASTE PULPING SYS 5HP & 2HP	2 10 3/4	
	18	100	2	1	Q	PP-KA18 ITEM#18 DISPENSERS (2)		
	19	100	20	2	Q	PP-KA19 SPARE		
	20	100	30	1	Q	PP-KA20 ITEM#16 RELAY CABINET#4	2 12 3/4	
	21	100	15	1	Q	PP-KA21 RECEPTACLES (3)	2 12	
	22	100	15	1	Q	PP-KA22 SPARE		
23	100	20	1	Q	PP-KA23 ITEM#6 GRILL 1.7 KW			
24	100	40	3	Q	PP-KA24 ITEM#7 GRIDDLE 12 KW			
25	100	20	1	Q	PP-KA25 ITEM#5 REFRIG. (LTS & VAP)			
26	100	30	3	Q	PP-KA26 ITEM#7 GRIDDLE 27 KW			
27	100	15	1	Q	PP-KA27 ITEM#9 HOOD			
28	100	40	3	Q	PP-KA28 ITEM#8 FRYER 2 KW			
29	100	30	1	Q	PP-KA29 SPARE			
30	100	30	2	Q	PP-KA30 SPARE			
31	100	20	1	Q	PP-KA31 SPARE			
32	100	15	1	Q	PP-KA32 SPARE			
33	100	15	1	Q	PP-KA33 SPARE			
PP-KB	1	100	20	1	Q	PP-KB1 ITEM#34 TEA DISP. 3/4HP		
	2	100	20	1	Q	PP-KB2 ITEM#36 SODA DISP.		
	3	100	20	1	Q	PP-KB3 ITEM#34 TEA DISP. 10KW		
	4	100	20	1	Q	PP-KB4 ITEM#36 SODA DISP.		
	5	100	20	1	Q	PP-KB5 ITEM#33 ICE DISP. 3/4HP		
	6	100	20	1	Q	PP-KB6 ITEM#33 ICE DISP. 3/4HP		
	7	100	20	1	Q	PP-KB7 ITEM#35 ICE CREAM DISP. 1/2HP		
	8	100	20	1	Q	PP-KB8 ITEM#30 CUP SAUCER DISP. 5KW		
	9	100	20	1	Q	PP-KB9 ITEM#37 MILK DISP. 1/2HP		
	10	100	20	1	Q	PP-KB10 ITEM#30 CONTROLS		
	11	100	20	1	Q	PP-KB11 ITEM#33 ICE DISP. 3/4HP		
	12	100	20	1	Q	PP-KB12 ITEM#30 CUP SAUCER DISP. 5KW		
	13	100	20	1	Q	PP-KB13 ITEM#30 CUP SAUCER DISP. 5KW		
	14	100	20	1	Q	PP-KB14 ITEM#42 SOUP SECTIONS		
	15	100	20	1	Q	PP-KB15 ITEM#30 CONTROLS		
	16	100	20	1	Q	PP-KB16 ITEM#43 BOWL DISP. 5KW		
	17	100	20	1	Q	PP-KB17 ITEM#30 CUP SAUCER DISP. 5KW		
18	100	20	1	Q	PP-KB18 ITEM#20 WARMER 2 KW			
19	100	20	3	Q	PP-KB19 ITEM#47 WARMER 3 KW	3 12 3/4		
20	100	20	1	Q	PP-KB20 ITEM#41 SANDWICH SECT'S			
21	100	20	1	Q	PP-KB21 ITEM#46 REFRIG. 1/2 P			
22	100	20	1	Q	PP-KB22 SPARE			
23	100	20	1	Q	PP-KB23 ITEM#48 REFRIG. 1/2 P			
24	100	15	1	Q	PP-KB24 ITEM#52 CASH REGISTER			
25	100	20	3	Q	PP-KB25 ITEM#60 CONVEYOR 1HP	3 12 3/4		
26	100	15	1	Q	PP-KB26 ITEM#52 CASH REGISTER			
27	100	20	3	Q	PP-KB27 ITEM#60 CONVEYOR 1/2HP	3 12 3/4		
28	100	15	1	Q	PP-KB28 ITEM#52 CASH REGISTER			
29	100	15	1	Q	PP-KB29 RECEPTACLE (1)			
30	100	20	3	Q	PP-KB30 ITEM#63 DISHWASHER 4HP	3 12 3/4		
31	100	15	1	Q	PP-KB31 RECEPTACLE (1)			
32	100	40	3	Q	PP-KB32 WASTE PULPING SYS 5HP & 2HP	2 10 3/4		
33	100	15	1	Q	PP-KB33 RECEPTACLE (1)			
34	100	20	2	Q	PP-KB34 SPARE			
35	100	15	1	Q	PP-KB35 SPARE			
36	100	15	1	Q	PP-KB36 SPARE			
37	100	15	1	Q	PP-KB37 SPARE			
PP-KC	1	100	20	3	Q	PP-KC1 ITEM#91 WASHER 1000W 5P	3 12 3/4	
	2	100	20	1	Q	PP-KC2 ITEM#61 CONTROLS	2 12 3/4	
	3	100	20	2	Q	PP-KC3 ITEM#75 TEELEK 3/4P	2 12 3/4	
	4	100	15	1	Q	PP-KC4 RECEPTACLES (2)	2 12 3/4	
	5	100	20	3	Q	PP-KC5 ITEM#75 MIXER 1P	3 12 3/4	
	6	100	15	1	Q	PP-KC6 RECEPTACLE (2)	2 12 3/4	
	7	100	20	1	Q	PP-KC7 ITEM#14 MIXER 1/2 P	2 12 3/4	
	8	100	20	1	Q	PP-KC8 ITEM#80		
	9	100	20	3	Q	PP-KC9 ITEM#47 WARMER 3 KW	3 12 3/4	
	10	100	20	1	Q	PP-KC10 ITEM#103 REFRIG. 1/2 P		
	11	100	20	1	Q	PP-KC11 ITEM#103 SLICER 1/2 P	2 12 3/4	
	12	100	20	1	Q	PP-KC12 ITEM#104 REFRIG.		
13	100	20	3	Q	PP-KC13 ITEM#47 WARMER 3 KW	3 12 3/4		
14	100	20	2	Q	PP-KC14 ITEM#36 SODA DISP. 3/4P	2 12 3/4		
15	100	20	1	Q	PP-KC15 ITEM#36 SODA DISP. 1/2HP	2 12 3/4		
16	100	20	2	Q	PP-KC16 ITEM#37 CHOPPER 1P	2 12 3/4		

SCHEDULE OF KITCHEN POWER PANELS

PANEL NO.	CIRCUIT NO.	FEEDER	TRIP	POLAR.	FEEDER No.	SUPPLIES	FEEDER SIZE	REMARKS
PP-KD	17	100	20	1	Q	PP-KD17 ITEM#55 CAN WARE	2 12 3/4 THW	
	18	100	30	3	Q	PP-KD18 SPARE		
	19	100	20	2	Q	PP-KD19 SPARE		
	20	100	20	1	Q	PP-KD20 ITEM#16 RELAY CABINET #2	2 12 3/4	
	21	100	15	1	Q	PP-KD21 ITEM#16 RELAY CABINET #3	2 12 3/4	
	22	100	15	1	Q	PP-KD22 SPARE		
	23	100	20	1	Q	PP-KD23 ITEM#20 STEAM COOKER		
	24	100	20	1	Q	PP-KD24 ITEM#20 WARMER 15KW		
	25	100	20	1	Q	PP-KD25 ITEM#20 STEAM COOKER		
	26	100	20	1	Q	PP-KD26 ITEM#20 WARMER 15KW		
	27	100	15	1	Q	PP-KD27 ITEM#20 HOOD LTS		
	28	100	20	1	Q	PP-KD28 ITEM#20 OVEN 5KW	2 12 3/4	
	29	100	15	1	Q	PP-KD29 ITEM#19 HOOD LTS		
	30	100	20	3	Q	PP-KD30 ITEM#103 OVEN 2 @ 3/4P		
	31	100	20	3	Q	PP-KD31 ITEM#103 OVEN 2 @ 3/4P		
	32	100	20	3	Q	PP-KD32 ITEM#103 OVEN 2 @ 3/4P		
	33	100	20	3	Q	PP-KD33 ITEM#103 OVEN 2 @ 3/4P		
	34	100	30	2	Q	PP-KD34 SPARE		
	35	100	20	1	Q	PP-KD35 ITEM#89 KETTLE		
	36	100	15	1	Q	PP-KD36 ITEM#89 KETTLE	2 12 3/4	
	37	100	15	1	Q	PP-KD37 ITEM#89 KETTLE		
	1	100	20	5-1	Q	PP-KD1 SPARE		5-1 POLE SPARES
2	100	15	1	Q	PP-KD2 TIME CLOCK FOR FREEZER	3 12 3/4		
3	100	15	1	Q	PP-KD3 TIME CLOCK FOR FREEZER			
4	100	15	1	Q	PP-KD4 ITEM#18 THERMOSTAT & VALVE	3 12 3/4		
5	100	15	1	Q	PP-KD5 ITEM#18 EVAPORATOR			
6	100	15	1	Q	PP-KD6 ITEM#18 THERMOSTAT & VALVE	3 12 3/4		
7	100	15	1	Q	PP-KD7 ITEM#18 EVAPORATOR			
8	100	20	1	Q	PP-KD8 ITEM#18 THERMOSTAT & VALVE			
9	100	20	3	Q	PP-KD9 ITEM#18 COMPRESSOR 3/4P	3 12 3/4		
10	100	20	1	Q	PP-KD10 ITEM#18 EVAPORATOR 1/2HP			
11	100	20	1	Q	PP-KD11 ITEM#18 THERMOSTAT & VALVE			
12	100	15	1	Q	PP-KD12 ITEM#17 WALKIN REFRIG. LTS			
13	100	20	1	Q	PP-KD13 ITEM#18 EVAPORATOR 1/2HP			
14	100	20	3	Q	PP-KD14 ITEM#18 COMPRESSOR 1HP	3 12 3/4		
15	100	15	1	Q	PP-KD15 ITEM#17 WALKIN REFRIG. LTS			
16	100	15	1	Q	PP-KD16 ITEM#17 WALKIN REFRIG. LTS			
17	100	20	3	Q	PP-KD17 ITEM#18 COMPRESSOR 1HP	3 12 3/4		
18	100	20	1	Q	PP-KD18 ITEM#18 THERMOSTAT & VALVE			
19	100	20	3	Q	PP-KD19 ITEM#18 COMPRESSOR 3/4			
20	100	20	1	Q	PP-KD20 ITEM#18 EVAPORATOR			
21	100	20	3	Q	PP-KD21 ITEM#18 COMPRESSOR 2HP			
22	100	20	1	Q	PP-KD22 ITEM#18 THERMOSTAT & VALVE			
23	100	15	1	Q	PP-KD23 ITEM#17 WALKIN REFRIG. LTS	2 12 3/4		
24	100	20	1	Q	PP-KD24 ITEM#18 EVAPORATOR 1/2HP			
25	100	20	3	Q	PP-KD25 ITEM#18 COMPRESSOR 3HP	3 12 3/4		
26	100	15	1	Q	PP-KD26 ITEM#17 WALKIN REFRIG. LTS			
27	100	40	3	Q	PP-KD27 ITEM#19 MIXER-CUTTER 10P	3 8 3/4		
28	100	15	1	Q	PP-KD28 RECEPTACLE (3)	2 12 3/4		
29	100	20	1	Q	PP-KD29 ITEM#103 SLICER 1/2HP	2 12 3/4		
30	100	20	1	Q	PP-KD30 ITEM#103 COMPRESSOR 1/2HP	2 12 3/4		
31	100	20	1	Q	PP-KD31 ITEM#145 REFRIG.	2 12 3/4		
32	100	20	1	Q	PP-KD32 ITEM#144 CUTTER 1/2HP	2 12 3/4		
33	100	20	3	Q	PP-KD33 ITEM#190 CAN OPENER 1P	3 12 3/4		
34	100	20	3	Q	PP-KD34 ITEM#142 ICE MAKER 2HP	3 12 3/4		
35	100	20	2	Q	PP-KD35 ITEM#156 SODA DISP. 3/4P	2 12 3/4		
36	100	20	1	Q	PP-KD36 ITEM#36 SODA DISP. 1/2HP	2 12 3/4		
37	100	15	1	Q	PP-KD37 RECEPTACLE (2)	2 12 3/4		
38	100	15	1	Q	PP-KD38 RECEPTACLE (2)			
39	100	15	1	Q	PP-KD39 ITEM#50 CASH REGISTER			
40	100	15	1	Q	PP-KD40 RICE PILE (2)			
41	100	15	1	Q	PP-KD41 ITEM#52 CASH REGISTER			
42	100	15	1	Q	PP-KD42 RECEPTACLE (2)			
43	100	15	1	Q	PP-KD43 ITEM#50 CASH REGISTER			
44	100	15	1	Q	PP-KD44 RECEPTACLE (2)			
45	100	15	1	Q	PP-KD45 RECEPTACLE (2)	2 12 3/4		
46	100	20	2	Q	PP-KD46 ITEM#123 CHOPPER 1/2P	2 12 3/4		
47	100	20	1	Q	PP-KD47 ITEM#149 ROTATOR 1/2HP			
48	100	15	1	Q	PP-KD48 RICE PILE (2)	2 12 3/4		
49	100	20	1	Q	PP-KD49 ITEM#125 TENDERIZER 10P			
50	100	20	3	Q	PP-KD50 ITEM#60 DISHWASHER 4HP	3 12 3/4		
51	100	20	3	Q	PP-KD51 ITEM#60 CONVEYOR 1P	3 12 3/4		
52	100	40	3	Q	PP-KD52 WASTE PULPING SYS 5HP & 2HP	3 10 3/4		
53	100	15	1	Q	PP-KD53 RECEPTACLES (3)	2 12 3/4		
54	100	15	1	Q	PP-KD54 SPARE			
55	100	30	3	Q	PP-KD55 SECTION I (VA A-8 #36)	4 GAL 1/2C		

PROVIDE AN ASSD 920 RCS 150A 3P

PROVIDE ALL ASSD 920 RCS 60A 3P

VOID  
SEE LOOSE LEAF  
BINDER IN 30TH FLOOR  
REAL ESTATE OFFICE

NOTE:  
WHERE ASTRISK IS SHOWN, SEE PLAN FOR FEEDER SIZE

12-21-78 GENERAL UPDATE

REVISIONS		
NO.	DATE	DESCRIPTION

ISSUED TO: NO. DATE PKG. NO.

**A FISHER BROTHERS PROJECT**

GREENWICH AND LIBERTY ST. N.Y. N.Y.

**SHREVE, LAMBA HARMON ASSOCIATES P.C. ARCHITECTS**  
475 PARK AVENUE SOUTH N.Y. N.Y. 10016

**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
919 THIRD AVENUE N.Y. N.Y. 10022

**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**  
515 MADISON AVENUE N.Y. N.Y. 10022

**JAROS, BAUM & BOLLES MECH. ELEC. ENGINEERS**  
345 PARK AVENUE N.Y. N.Y. 10022

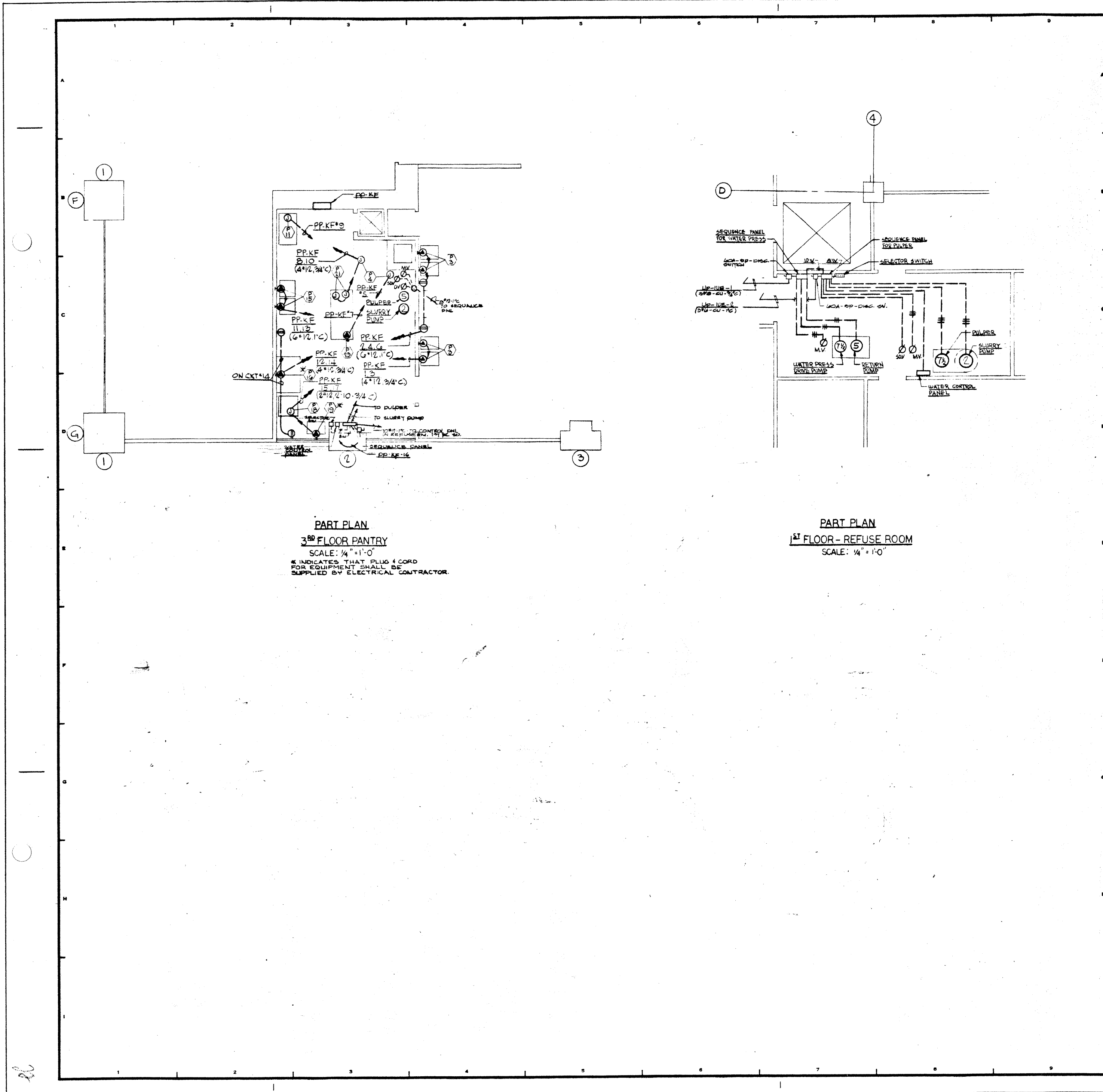
KITCHEN SCHEDULE #1 (4WFL)

PROJECT NUMBER  
**7101**

DRAWING NUMBER  
**E-24**

DATE  
1-7-72

SCALE



**PART PLAN**  
**3<sup>RD</sup> FLOOR PANTRY**  
 SCALE: 1/4" = 1'-0"  
 \* INDICATES THAT PLUG & CORD FOR EQUIPMENT SHALL BE SUPPLIED BY ELECTRICAL CONTRACTOR.

**PART PLAN**  
**1<sup>ST</sup> FLOOR - REFUSE ROOM**  
 SCALE: 1/4" = 1'-0"

REVISIONS	
NO.	DESCRIPTION

ISSUED TO	NO.	DATE	PKG. NO.

**A FISHER BROTHERS PROJECT**

GREENWICH AND LIBERTY ST. N.Y. N.Y.

**SHREVE, LAMB & HARMON ASSOCIATES P.C.**  
 ARCHITECTS  
 475 PARK AVENUE SOUTH N.Y. N.Y. 10016

**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
 919 THIRD AVENUE N.Y. N.Y. 10022

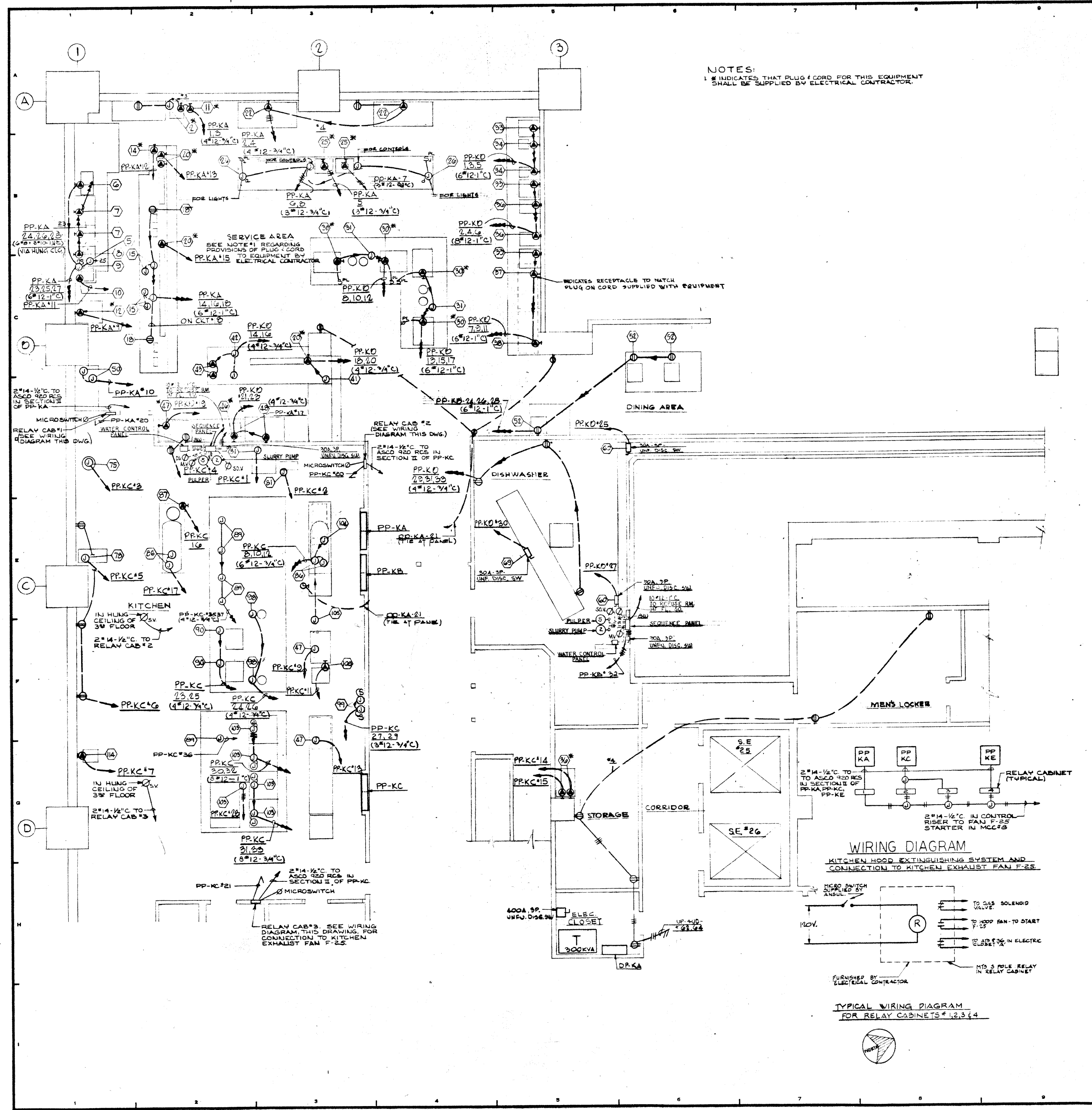
**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**  
 515 MADISON AVENUE N.Y. N.Y. 10022

**JAROS, BAUM & BOLLES MECHANICAL ENGINEERS**  
 345 PARK AVENUE N.Y. N.Y. 10022

**KITCHEN MISC DETAIL (4<sup>TH</sup> FL)**

PROJECT NUMBER	7101
DRAWING NUMBER	E-23
DATE	1.1.72
SCALE	1/4" = 1'-0"



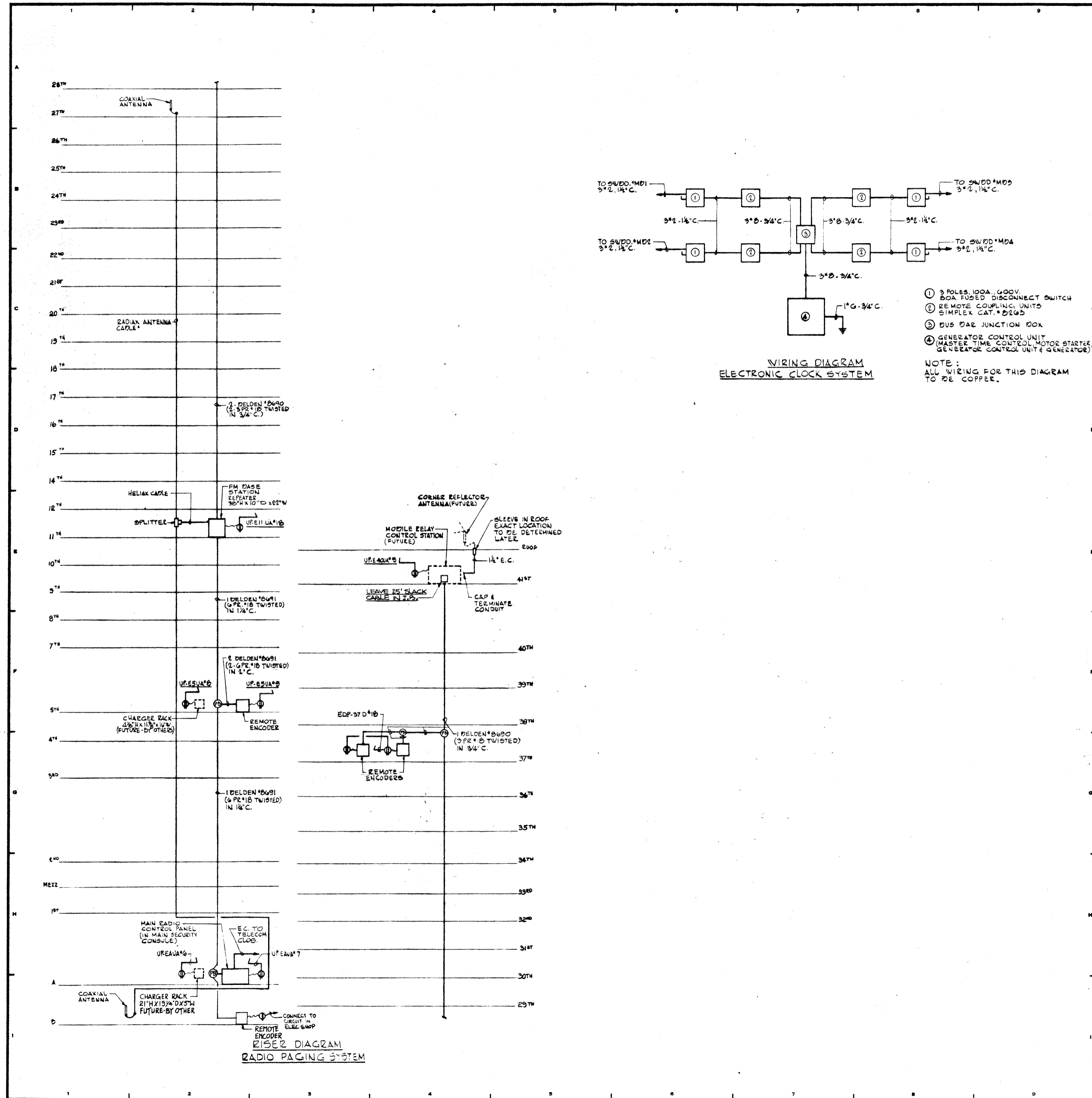


NOTES:  
 1. # INDICATES THAT PLUG CORD FOR THIS EQUIPMENT SHALL BE SUPPLIED BY ELECTRICAL CONTRACTOR.

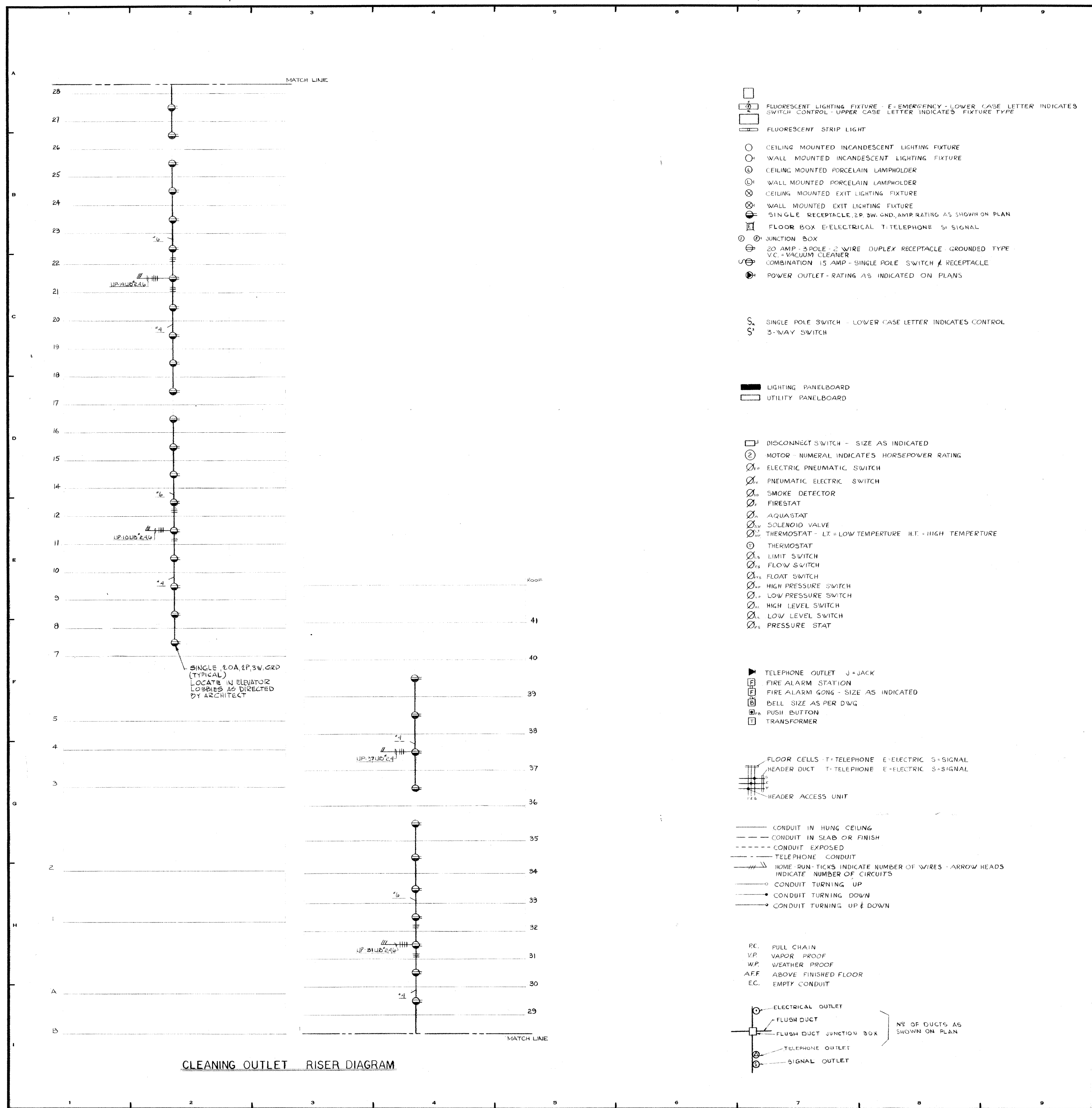
REVISIONS		
NO.	DATE	DESCRIPTION

**A FISHER BROTHERS PROJECT**  
 GREENWICH AND LIBERTY ST. N.Y. N.Y.  
**SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS**  
 475 PARK AVENUE SOUTH N.Y. N.Y. 10016  
**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
 919 THIRD AVENUE N.Y. N.Y. 10022  
**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**  
 315 MADISON AVENUE N.Y. N.Y. 10022  
**J. A. ROS, BAUM & BOLLES MECH. & ELEC. ENGINEERS**  
 345 PARK AVENUE N.Y. N.Y. 10022

<b>KITCHEN PLAN WEST POWER (4TH FL)</b>	
PROJECT NUMBER	7101
DRAWING NUMBER	E-21
DATE	1-7-72
SCALE	1/4" = 1'-0"



12-21-75		GENERAL UPDATE	
REVISIONS			
NO.	DATE	DESCRIPTION	
ISSUED TO	NO.	DATE	PKG. NO.
A FISHER BROTHERS PROJECT			
GREENWICH AND LIBERTY ST. N.Y. N.Y.			
SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS			
475 PARK AVENUE SOUTH N.Y. N.Y. 10016			
PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS			
919 THIRD AVENUE N.Y. N.Y. 10022			
THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS			
315 MADISON AVENUE N.Y. N.Y. 10022			
JAROS, BAUM & BOLLES MECH. & ELEC. ENGINEERS			
345 PARK AVENUE N.Y. N.Y. 10022			
RADIO PAGING SYSTEM & ELECTRONIC CLOCK SYSTEM			
PROJECT NUMBER	7101		
DRAWING NUMBER	E-20		
DATE	2-16-72		
SCALE	NONE		



- FLUORESCENT LIGHTING FIXTURE - E=EMERGENCY - LOWER CASE LETTER INDICATES SWITCH CONTROL UPPER CASE LETTER INDICATES FIXTURE TYPE
- ▬ FLUORESCENT STRIP LIGHT
- CEILING MOUNTED INCANDESCENT LIGHTING FIXTURE
- WALL MOUNTED INCANDESCENT LIGHTING FIXTURE
- ⊙ CEILING MOUNTED PORCELAIN LAMPHOLDER
- ⊙ WALL MOUNTED PORCELAIN LAMPHOLDER
- ⊗ CEILING MOUNTED EXIT LIGHTING FIXTURE
- ⊗ WALL MOUNTED EXIT LIGHTING FIXTURE
- ⊕ SINGLE RECEPTACLE, 2P, 3W, GND, AMP RATING AS SHOWN ON PLAN
- ⊕ FLOOR BOX E-ELECTRICAL T-TELEPHONE S-SIGNAL
- ⊕ JUNCTION BOX
- ⊕ 20 AMP, 3 POLE, 3 WIRE DUPLEX RECEPTACLE - GROUNDED TYPE
- ⊕ V.C. = VACUUM CLEANER
- ⊕ COMBINATION 15 AMP - SINGLE POLE SWITCH & RECEPTACLE
- ⊕ POWER OUTLET - RATING AS INDICATED ON PLANS

- S SINGLE POLE SWITCH - LOWER CASE LETTER INDICATES CONTROL
- S 3-WAY SWITCH
- LIGHTING PANELBOARD
- UTILITY PANELBOARD
- DISCONNECT SWITCH - SIZE AS INDICATED
- ⊕ MOTOR - NUMERAL INDICATES HORSEPOWER RATING
- ⊕ ELECTRIC PNEUMATIC SWITCH
- ⊕ PNEUMATIC ELECTRIC SWITCH
- ⊕ SMOKE DETECTOR
- ⊕ FIRESTAT
- ⊕ AQUASTAT
- ⊕ SOLENOID VALVE
- ⊕ THERMOSTAT - LT = LOW TEMPERATURE H.T. = HIGH TEMPERATURE
- ⊕ THERMOSTAT
- ⊕ LIMIT SWITCH
- ⊕ FLOW SWITCH
- ⊕ FLOAT SWITCH
- ⊕ HIGH PRESSURE SWITCH
- ⊕ LOW PRESSURE SWITCH
- ⊕ HIGH LEVEL SWITCH
- ⊕ LOW LEVEL SWITCH
- ⊕ PRESSURE STAT

- ▶ TELEPHONE OUTLET J-JACK
- ⊕ FIRE ALARM STATION
- ⊕ FIRE ALARM GONG - SIZE AS INDICATED
- ⊕ BELL - SIZE AS PER DWG
- ⊕ PUSH BUTTON
- ⊕ TRANSFORMER

- ⊕ FLOOR CELLS T-TELEPHONE E-ELECTRIC S-SIGNAL
- ⊕ HEADER DUCT T-TELEPHONE E-ELECTRIC S-SIGNAL
- ⊕ HEADER ACCESS UNIT

- CONDUIT IN HUNG CEILING
- - - CONDUIT IN SLAB OR FINISH
- - - CONDUIT EXPOSED
- - - TELEPHONE CONDUIT
- /// HOME RUN - TICKS INDICATE NUMBER OF WIRES - ARROW HEADS INDICATE NUMBER OF CIRCUITS
- CONDUIT TURNING UP
- CONDUIT TURNING DOWN
- ↕ CONDUIT TURNING UP & DOWN

- PC. PULL CHAIN
- VP. VAPOR PROOF
- WP. WEATHER PROOF
- AFF. ABOVE FINISHED FLOOR
- EC. EMPTY CONDUIT

- ⊕ ELECTRICAL OUTLET
  - ⊕ FLUSH DUCT
  - ⊕ FLUSH DUCT JUNCTION BOX
  - ⊕ TELEPHONE OUTLET
  - ⊕ SIGNAL OUTLET
- NO. OF DUCTS AS SHOWN ON PLAN

REVISIONS			
NO.	DATE	DESCRIPTION	
ISSUED TO	NO.	DATE	PKG. NO.

**BANKERS TRUST PLAZA**

**A FISHER BROTHERS PROJECT**

GREENWICH AND LIBERTY ST. N.Y. N.Y.

**SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS**  
475 PARK AVENUE SOUTH N.Y. N.Y. 10 016

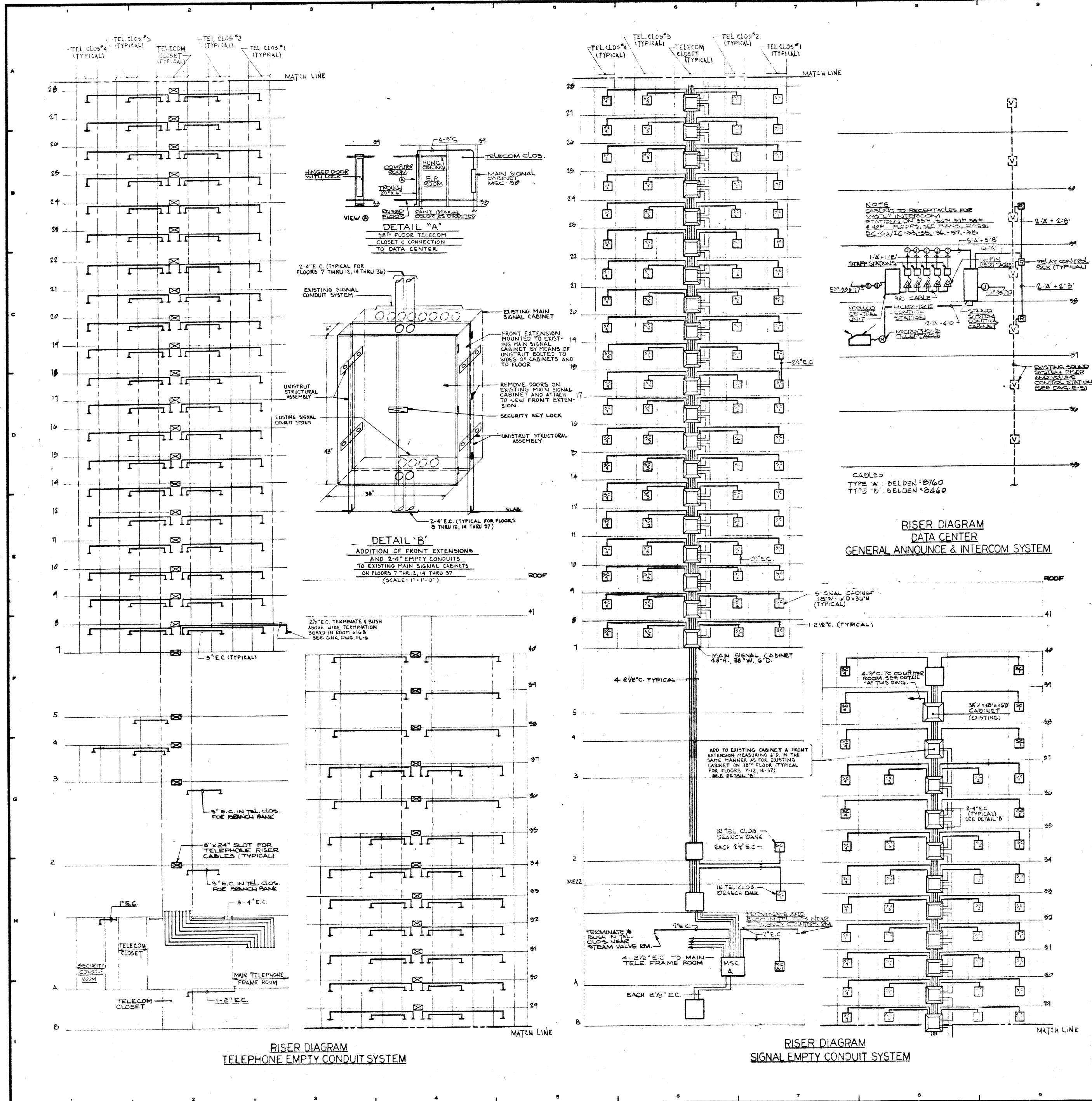
**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
919 THIRD AVENUE N.Y. N.Y. 10 022

**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**  
515 MADISON AVENUE N.Y. N.Y. 10 022

**JAROS, BAUM & BOLL MECH. & ELEC. ENGINEERS**  
345 PARK AVENUE N.Y. N.Y. 10 022

**SYMBOL LIST & CLEANING OUTLET RISER DIAGRAM**

PROJECT NUMBER	7101
DRAWING NUMBER	E-20
DATE	1-7-72
SCALE	NONE



REVISIONS		
NO.	DATE	DESCRIPTION

ISSUED TO	NO.	DATE	PKG. NO.

**A FISHER BROTHERS PROJECT**

GREENWICH AND LIBERTY ST. N.Y. N.Y.

**SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS**  
475 PARK AVENUE SOUTH N.Y. N.Y. 10016

**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
919 THIRD AVENUE N.Y. N.Y. 10022

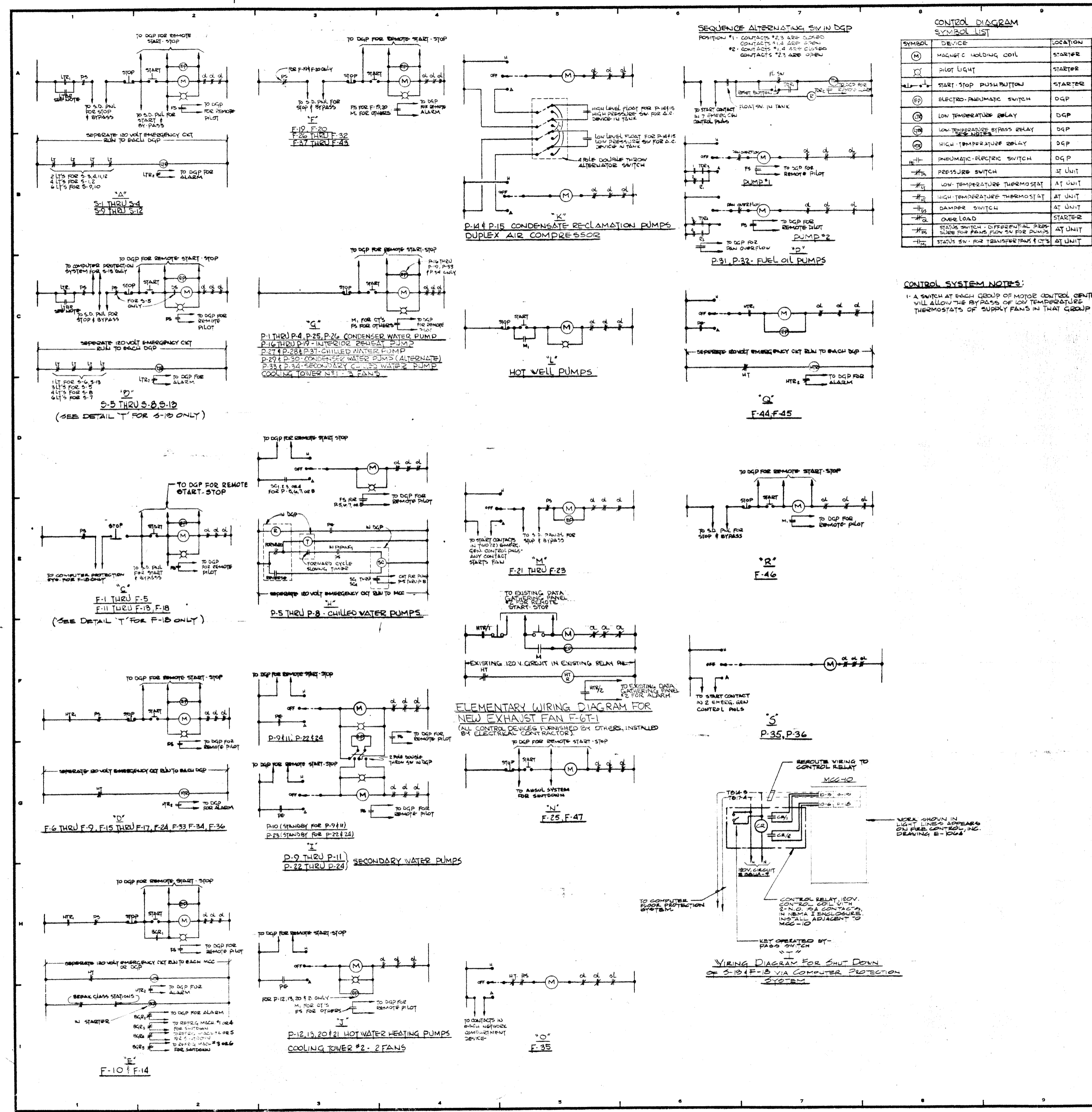
**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**  
515 MADISON AVENUE N.Y. N.Y. 10022

**J. A. ROSS, BAUM & BOLLES MECH. & ELEC. ENGINEERS**  
345 PARK AVENUE N.Y. N.Y. 10022

SIGNAL & TELEPHONE RISER DIAGRAMS	
PROJECT NUMBER	7101
DRAWING NUMBER	E-19
DATE	1-7-72
SCALE	1/8"=1'-0"





**CONTROL SYSTEM SYMBOL LIST**

SYMBOL	DEVICE	LOCATION
(M)	MAGNETIC HOLDING COIL	STARTER
(L)	PILOT LIGHT	STARTER
(S)	START-STOP PUSH BUTTON	STARTER
(EP)	ELECTRO-PNEUMATIC SWITCH	DGP
(R)	LOW TEMPERATURE DELAY	DGP
(TR)	LOW TEMPERATURE BYPASS DELAY	DGP
(SP)	HIGH TEMPERATURE DELAY	DGP
(P)	PNEUMATIC-ELECTRIC SWITCH	DGP
(PS)	PRESSURE SWITCH	AT UNIT
(TS)	LOW TEMPERATURE THERMOSTAT	AT UNIT
(TH)	HIGH TEMPERATURE THERMOSTAT	AT UNIT
(D)	DAMPER SWITCH	AT UNIT
(OL)	OVER LOAD	STARTER
(ST)	STATUS SWITCH - DIFFERENTIAL PRESSURE FOR FANS, FLOW SW FOR PUMPS	AT UNIT
(SW)	STATUS SW - FOR TRANSFORMERS ETC.	AT UNIT

12-21-76 GENERAL UPDATE

REVISIONS			
NO.	DATE	DESCRIPTION	
ISSUED TO	NO.	DATE	PKG. NO.

**A FISHER BROTHERS PROJECT**

GREENWICH AND LIBERTY ST. N.Y. N.Y.

**SHREVE, LAMBA HARMON ASSOCIATES P.C. ARCHITECTS**  
 475 PARK AVENUE SOUTH N.Y. N.Y. 10016

**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
 919 THIRD AVENUE N.Y. N.Y. 10022

**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**  
 515 MADISON AVENUE N.Y. N.Y. 10022

**JAROS, BAUM & BOLLES MECHANICAL ENGINEERS**  
 345 PARK AVENUE N.Y. N.Y. 10022

**WIRING DIAGRAMS SHEET I**

PROJECT NUMBER	7101
DRAWING NUMBER	E-17
DATE	1-7-72
SCALE	NONE

### SCHEDULE OF MOTOR CONTROL CENTERS

CENTER NO.	COMP. NO.	VOLTAGE	MOTOR SIZE	MOTOR TYPE	MOTOR HP	MOTOR SPEED	MOTOR FLA	MOTOR CODE	MOTOR CONTROL	SUPPLIES	USE	NO.	SIZE	TYPE	COND.	REMARKS	MOUNTING
<b>MCC-8</b>																	
1	1	25,000	50A	3	MCC-8-1	ELEV. MR. EXHAUST FAN F-10	15HP	MC	3	12	TW	1"				LOCATED ON ROOF	D
2	2	25,000	125A	3	MCC-8-2	COOLING TOWER FAN CT-1A	60HP	MC	3	12	TW	1 1/2"				LOCATED ON ROOF	G
3	3	25,000	100A	3	MCC-8-3	KITCHEN EXHAUST FAN F-15	50HP	MC	3	12	TW	1 1/2"				LOCATED ON ROOF	N
4	4	25,000	70A	3	MCC-8-4	TOLLET EXHAUST FAN F-15	30HP	MC	3	12	TW	1 1/2"				LOCATED ON ROOF	D
5	5	25,000	150A	3	MCC-8-5	MT. EXHAUST FAN F-15	30HP	MC	3	12	TW	1 1/2"				LOCATED ON ROOF	A
6	6	25,000	150A	3	MCC-8-6	DRINKING WATER EQUIPT.	20HP	MC	3	12	TW	1 1/2"					
7	7	25,000	150A	3	MCC-8-7	NA. COMPRESSOR (CUBION TANK)	1HP	MC	3	12	TW	1 1/2"					
8	8	25,000	150A	3	MCC-8-8	SPACE (FUTURE)											
<b>MCC-9</b>																	
1	1	25,000	225A	3	MCC-9-1	SEC. SEC. WATER PUMP P-24	40HP	MC	3	12	TW	1"				REMOVE STARTER SEE DETAIL DWG 20	I
2	2	25,000	125A	3	MCC-9-2	SOIL & OILY FAN F-11	50HP	MC	3	12	TW	1 1/2"					C
3	3	25,000	50A	3	MCC-9-3	SOIL & OILY PLS. SYSTEM, NA. P-18	30HP	MC	3	12	TW	1 1/2"					B
4	4	25,000	40A	3	MCC-9-4	WATER PUMP P-18	10HP	MC	3	12	TW	1 1/2"					G
5	5	25,000	40A	3	MCC-9-5	WATER PUMP P-20	15HP	MC	3	12	TW	1 1/2"					J
6	6	25,000	40A	3	MCC-9-6	EXHAUST FAN F-18	15HP	MC	3	12	TW	1 1/2"					C
7	7	25,000	220A	3	MCC-9-7	MT. EXHAUST FAN F-18	200HP	MC	3	12	TW	2 1/2"					A
8	8	25,000	15A	3	MCC-9-8	MT. EXH. KX-72-1	1 1/2 HP	MC	3	12	TW	3/4"				LOCATED ON ROOF	
9	9	25,000	15A	3	MCC-9-9	SPACE (FUTURE)											
10	10	25,000	15A	3	MCC-9-10	SPACE (FUTURE)											
<b>MCC-10</b>																	
1	1	25,000	225A	3	MCC-10-1	SEC. SEC. WATER PUMP P-24	40HP	MC	3	12	TW	1"				REMOVE STARTER SEE DETAIL DWG 20	I
2	2	25,000	100A	3	MCC-10-2	SOIL & OILY FAN F-12	50HP	MC	3	12	TW	1 1/2"					C
3	3	25,000	100A	3	MCC-10-3	SOIL & OILY FAN F-13	50HP	MC	3	12	TW	1 1/2"					B
4	4	25,000	40A	3	MCC-10-4	ELEV. MR. EXHAUST FAN F-17	10HP	MC	3	12	TW	1 1/2"					D
5	5	25,000	40A	3	MCC-10-5	SECONDARY WTR. (STANDBY) P-23	40HP	MC	3	12	TW	1 1/2"				REMOVE STARTER SEE DETAIL DWG 20	I
6	6	25,000	50A	3	MCC-10-6	SEC. SEC. WATER PUMP P-22	40HP	MC	3	12	TW	1 1/2"				REMOVE STARTER SEE DETAIL DWG 20	I
7	7	25,000	40A	3	MCC-10-7	WATER PUMP P-21	15HP	MC	3	12	TW	1 1/2"					G
8	8	25,000	40A	3	MCC-10-8	WATER HEATING PUMP P-21	15HP	MC	3	12	TW	1 1/2"				REMOVE STARTER SEE DETAIL DWG 20	J
9	9	25,000	100A	3	MCC-10-9	A/C UNIT #34-T		MC	3	12	TW	1 1/2"					
10	10	25,000	100A	3	MCC-10-10	SPACE (FUTURE)											
11	11	25,000	100A	3	MCC-10-11	SPACE (FUTURE)											
<b>MCC-11</b>																	
1	1	25,000	250A	3	MCC-11-1	CONDENSER WTR. PUMP P-25	150HP	MC	3	12	TW	2 1/2"					E
2	2	25,000	250A	3	MCC-11-2	COND. WTR. PUMP (STBY) P-26	150HP	MC	3	12	TW	2 1/2"					F
3	3	25,000	50A	3	MCC-11-3	CHILLED WATER PUMP P-27	20HP	MC	3	12	TW	1 1/2"					G
4	4	25,000	50A	3	MCC-11-4	CHILLED WATER PUMP P-28	20HP	MC	3	12	TW	1 1/2"					G
5	5	25,000	50A	3	MCC-11-5	CHILLED WATER PUMP (STBY) P-27	20HP	MC	3	12	TW	1 1/2"					G
6	6	25,000	50A	3	MCC-11-6	CHILLED WATER PUMP (STBY) P-28	20HP	MC	3	12	TW	1 1/2"					G
7	7	25,000	50A	3	MCC-11-7	CONDENSER REPR. MACH #6	90KW	MC	3	12	TW	2"					
8	8	25,000	50A	3	MCC-11-8	CONDENSER REPR. MACH #4	90KW	MC	3	12	TW	2"					
9	9	25,000	50A	3	MCC-11-9	CONDENSER REPR. MACH #5	90KW	MC	3	12	TW	2"					
10	10	25,000	50A	3	MCC-11-10	CONDENSER REPR. MACH #7	90KW	MC	3	12	TW	2"					
11	11	25,000	50A	3	MCC-11-11	CONDENSER REPR. MACH #8	90KW	MC	3	12	TW	2"					
12	12	25,000	50A	3	MCC-11-12	CONDENSER REPR. MACH #9	90KW	MC	3	12	TW	2"					
13	13	25,000	125A	3	MCC-11-13	CONDENSER REPR. MACH #10	90KW	MC	3	12	TW	2"					
14	14	25,000	125A	3	MCC-11-14	CONDENSER REPR. MACH #11	90KW	MC	3	12	TW	2"					
15	15	25,000	125A	3	MCC-11-15	CONDENSER REPR. MACH #12	90KW	MC	3	12	TW	2"					
16	16	25,000	125A	3	MCC-11-16	CONDENSER REPR. MACH #13	90KW	MC	3	12	TW	2"					
17	17	25,000	125A	3	MCC-11-17	CONDENSER REPR. MACH #14	90KW	MC	3	12	TW	2"					
18	18	25,000	125A	3	MCC-11-18	CONDENSER REPR. MACH #15	90KW	MC	3	12	TW	2"					
19	19	25,000	125A	3	MCC-11-19	CONDENSER REPR. MACH #16	90KW	MC	3	12	TW	2"					
20	20	25,000	125A	3	MCC-11-20	CONDENSER REPR. MACH #17	90KW	MC	3	12	TW	2"					
21	21	25,000	125A	3	MCC-11-21	CONDENSER REPR. MACH #18	90KW	MC	3	12	TW	2"					
22	22	25,000	125A	3	MCC-11-22	CONDENSER REPR. MACH #19	90KW	MC	3	12	TW	2"					
23	23	25,000	125A	3	MCC-11-23	CONDENSER REPR. MACH #20	90KW	MC	3	12	TW	2"					
24	24	25,000	125A	3	MCC-11-24	CONDENSER REPR. MACH #21	90KW	MC	3	12	TW	2"					
25	25	25,000	125A	3	MCC-11-25	CONDENSER REPR. MACH #22	90KW	MC	3	12	TW	2"					
26	26	25,000	125A	3	MCC-11-26	CONDENSER REPR. MACH #23	90KW	MC	3	12	TW	2"					
27	27	25,000	125A	3	MCC-11-27	CONDENSER REPR. MACH #24	90KW	MC	3	12	TW	2"					
28	28	25,000	125A	3	MCC-11-28	CONDENSER REPR. MACH #25	90KW	MC	3	12	TW	2"					
29	29	25,000	125A	3	MCC-11-29	CONDENSER REPR. MACH #26	90KW	MC	3	12	TW	2"					
30	30	25,000	125A	3	MCC-11-30	CONDENSER REPR. MACH #27	90KW	MC	3	12	TW	2"					
31	31	25,000	125A	3	MCC-11-31	CONDENSER REPR. MACH #28	90KW	MC	3	12	TW	2"					
32	32	25,000	125A	3	MCC-11-32	CONDENSER REPR. MACH #29	90KW	MC	3	12	TW	2"					
33	33	25,000	125A	3	MCC-11-33	CONDENSER REPR. MACH #30	90KW	MC	3	12	TW	2"					
34	34	25,000	125A	3	MCC-11-34	CONDENSER REPR. MACH #31	90KW	MC	3	12	TW	2"					
35	35	25,000	125A	3	MCC-11-35	CONDENSER REPR. MACH #32	90KW	MC	3	12	TW	2"					
36	36	25,000	125A	3	MCC-11-36	CONDENSER REPR. MACH #33	90KW	MC	3	12	TW	2"					
37	37	25,000	125A	3	MCC-11-37	CONDENSER REPR. MACH #34	90KW	MC	3	12	TW	2"					
38	38	25,000	125A	3	MCC-11-38	CONDENSER REPR. MACH #35	90KW	MC	3	12	TW	2"					
39	39	25,000	125A	3	MCC-11-39	CONDENSER REPR. MACH #36	90KW	MC	3	12	TW	2"					
40	40	25,000	125A	3	MCC-11-40	CONDENSER REPR. MACH #37	90KW	MC	3	12	TW	2"					
41	41	25,000	125A	3	MCC-11-41	CONDENSER REPR. MACH #38	90KW	MC	3	12	TW	2"					
42	42	25,000	125A	3	MCC-11-42	CONDENSER REPR. MACH #39	90KW	MC	3	12	TW	2"					
43	43	25,000	125A	3	MCC-11-43	CONDENSER REPR. MACH #40	90KW	MC	3	12	TW	2"					
44	44	25,000	125A	3	MCC-11-44	CONDENSER REPR. MACH #41	90KW	MC	3	12	TW	2"					
45	45	25,000	125A	3	MCC-11-45	CONDENSER REPR. MACH #42	90KW	MC	3	12	TW	2"					
46	46	25,000	125A	3	MCC-11-46	CONDENSER REPR. MACH #43	90KW	MC	3	12	TW	2"					
47	47	25,000	125A	3	MCC-11-47	CONDENSER REPR. MACH #44	90KW	MC	3	12	TW	2"					
48	48	25,000	125A	3	MCC-11-48	CONDENSER REPR. MACH #45	90KW	MC	3	12	TW	2"					
49	49	25,000	125A	3	MCC-11-49	CONDENSER REPR. MACH #46	90KW	MC	3	12	TW	2"					
50	50	25,000	125A	3	MCC-11-50	CONDENSER REPR. MACH #47	90KW	MC	3	12	TW	2"					
5																	



**SCHEDULE OF POWER PANEL FOR COMPUTER ROOM A.C. UNITS 460V-3Ø-3W**

PANEL NO.	C.B. NO.	FRAME	TRIP	TYPE	POLES	CONTROLS	SUPPLIES	FEEDER SIZE			REMARKS	
								NO.	SIZE	TYPE COND.		
PP-40A												
1	100A	30A	25000	3	PP-40A-1	AC UNIT NO 40-6	3	#2	THWAL	1/4"	SHUNT TRIP C.B.	
2	100A	30A	25000	3	PP-40A-2	AC UNIT NO 40-3	3	#2	THWAL	1/4"	SHUNT TRIP C.B.	
3	100A	30A	25000	3	PP-40A-3	AC UNIT NO 40-5	3	#2	THWAL	1/4"	SHUNT TRIP C.B.	
4	100A	30A	25000	3	PP-40A-4	AC UNIT NO 40-2	3	#2	THWAL	1/4"	SHUNT TRIP C.B.	
5	100A	30A	25000	3	PP-40A-5	AC UNIT NO 40-4	3	#2	THWAL	1/4"	SHUNT TRIP C.B.	
6	100A	30A	25000	3	PP-40A-6	AC UNIT NO 40-9	3	#2	THWAL	1/4"	SHUNT TRIP C.B.	
7	100A	—	—	—	—	SPACE	—	—	—	—	—	
8	100A	—	—	—	—	SPACE	—	—	—	—	—	
PP-40B												
1	100A	30A	25000	3	PP-40B-1	AC UNIT NO 40-7	3	#2	THWAL	1/4"	SHUNT TRIP C.B.	
2	100A	30A	25000	3	PP-40B-2	AC UNIT NO 40-11	3	#2	THWAL	1/4"	SHUNT TRIP C.B.	
3	100A	30A	25000	3	PP-40B-3	AC UNIT NO 40-8	3	#2	THWAL	1/4"	SHUNT TRIP C.B.	
4	100A	30A	25000	3	PP-40B-4	AC UNIT NO 40-10	3	#2	THWAL	1/4"	SHUNT TRIP C.B.	
5	100A	30A	25000	3	PP-40B-4	AC UNIT NO 40-1	3	#2	THWAL	1/4"	SHUNT TRIP C.B.	
6	100A	—	—	—	—	SPACE	—	—	—	—	—	

**SCHEDULE OF COMPUTER POWER PANELS**

PANEL NO.	C.B. NO.	FRAME	TRIP	TYPE	POLES	CONTROLS	SUPPLIES	FEEDER SIZE			REMARKS	
								NO.	SIZE	TYPE COND.		
NOTE												
THE FOLLOWING SCHEDULES OF COMPUTER ROOM POWER PANELS FOR 35TH, 37TH, 38TH & 39TH FLOORS CAN BE FOUND IN LOOSE-LEAF NOTEBOOK LOCATED IN OFFICE OF 30TH FLOOR REAL ESTATE MANAGEMENT AT ONE BANKERS TRUST PLAZA:												
EDP-35A-35B-35C-35D-35E-35F												
EDP-36A-36B-36C-36D-36E-36F-36G-36H-36I-36J												
EDP-37A-37B-37C-37D-37E-37F-37G-37H-37I-37J												
EDP-38A-38B-38C-38D-38E-38F-38G-38H-38I-38J												
EDP-39A-39B-39C-39D-39E-39F-39G-39H-39I-39J												
EDP-39A-39B-39C-39D-39E-39F-39G-39H-39I-39J												

**SCHEDULE OF U.P.S. POWER PANEL DISTRIBUTION 208/120V-3Ø-4W**

PANEL NO.	C.B. NO.	FRAME	TRIP	TYPE	POLES	CONTROLS	SUPPLIES	FEEDER SIZE			REMARKS	
								NO.	SIZE	TYPE COND.		
EDP-37-1												
1	400A	200A	25000	3	EDP-37-1A	EDP-37B	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
2	400A	200A	25000	3	EDP-37-1B	EDP-37A	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
3	400A	200A	25000	3	EDP-37-1C	EDP-37C	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
4	400A	200A	25000	3	EDP-37-1D	EDP-37A	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
5	100A	100A	25000	3	EDP-37-1E	EDP-37D	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
6	100A	20A	—	—	—	CONTROLS	—	—	—	—	120V-1Ø	
EDP-38-2												
1	400A	250A	25000	3	EDP-38-2A	EDP-38D	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
2	400A	250A	25000	3	EDP-38-2B	EDP-38C	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
3	400A	250A	25000	3	EDP-38-2C	EDP-38A	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
4	400A	250A	25000	3	EDP-38-2D	EDP-38E	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
5	225A	200A	25000	3	EDP-38-2E	EDP-38B	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
6	225A	225A	25000	3	EDP-38-2F	EDP-38B	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
7	100A	20A	—	—	—	CONTROLS	—	—	—	—	120V-1Ø	
EDP-39-1												
1	400A	250A	25000	3	EDP-39-1A	EDP-39H	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
2	400A	250A	25000	3	EDP-39-1B	EDP-39G	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
3	400A	250A	25000	3	EDP-39-1C	EDP-39F	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
4	225A	225A	25000	3	EDP-39-1D	EDP-39E	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
5	225A	225A	25000	3	EDP-39-1E	EDP-39E	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
6	100A	20A	—	—	—	CONTROLS	—	—	—	—	120V-1Ø	
EDP-39-2												
1	400A	200A	25000	3	EDP-39-2A	EDP-39D	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
2	400A	200A	25000	3	EDP-39-2B	EDP-39C	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
3	400A	200A	25000	3	EDP-39-2C	EDP-39B	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
4	225A	225A	25000	3	EDP-39-2D	EDP-39A	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
5	100A	20A	—	—	—	CONTROLS	—	—	—	—	120V-1Ø	
EDP-39-3A												
1	225A	225A	25000	3	EDP-39-3A	EDP-39H	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
2	100A	—	—	—	—	SPACE	—	—	—	—	—	
3	225A	225A	25000	3	EDP-39-3A	EDP-39H	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
4	225A	225A	25000	3	EDP-39-3A	EDP-39H	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
EDP-39-3B												
1	225A	225A	25000	3	EDP-39-3B	EDP-39H	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
2	100A	—	—	—	—	SPACE	—	—	—	—	—	
3	225A	225A	25000	3	EDP-39-3B	EDP-39H	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
4	225A	225A	25000	3	EDP-39-3B	EDP-39H	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
EDP-39-3C												
1	225A	225A	25000	3	EDP-39-3C	EDP-39H	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
2	100A	—	—	—	—	SPACE	—	—	—	—	—	
3	225A	225A	25000	3	EDP-39-3C	EDP-39H	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
4	225A	225A	25000	3	EDP-39-3C	EDP-39H	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
EDP-39-3D												
1	225A	225A	25000	3	EDP-39-3D	EDP-39H	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
2	100A	—	—	—	—	SPACE	—	—	—	—	—	
3	225A	225A	25000	3	EDP-39-3D	EDP-39H	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
4	225A	225A	25000	3	EDP-39-3D	EDP-39H	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
EDP-39-3E												
1	225A	225A	25000	3	EDP-39-3E	EDP-39H	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
2	100A	—	—	—	—	SPACE	—	—	—	—	—	
3	225A	225A	25000	3	EDP-39-3E	EDP-39H	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
4	225A	225A	25000	3	EDP-39-3E	EDP-39H	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
EDP-39-3F												
1	225A	225A	25000	3	EDP-39-3F	EDP-39H	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
2	100A	—	—	—	—	SPACE	—	—	—	—	—	
3	225A	225A	25000	3	EDP-39-3F	EDP-39H	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
4	225A	225A	25000	3	EDP-39-3F	EDP-39H	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
EDP-39-3G												
1	225A	225A	25000	3	EDP-39-3G	EDP-39H	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
2	100A	—	—	—	—	SPACE	—	—	—	—	—	
3	225A	225A	25000	3	EDP-39-3G	EDP-39H	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
4	225A	225A	25000	3	EDP-39-3G	EDP-39H	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
EDP-39-3H												
1	225A	225A	25000	3	EDP-39-3H	EDP-39H	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
2	100A	—	—	—	—	SPACE	—	—	—	—	—	
3	225A	225A	25000	3	EDP-39-3H	EDP-39H	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
4	225A	225A	25000	3	EDP-39-3H	EDP-39H	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
EDP-39-3I												
1	225A	225A	25000	3	EDP-39-3I	EDP-39H	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
2	100A	—	—	—	—	SPACE	—	—	—	—	—	
3	225A	225A	25000	3	EDP-39-3I	EDP-39H	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
4	225A	225A	25000	3	EDP-39-3I	EDP-39H	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
EDP-39-3J												
1	225A	225A	25000	3	EDP-39-3J	EDP-39H	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
2	100A	—	—	—	—	SPACE	—	—	—	—	—	
3	225A	225A	25000	3	EDP-39-3J	EDP-39H	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
4	225A	225A	25000	3	EDP-39-3J	EDP-39H	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
EDP-39-3K												
1	225A	225A	25000	3	EDP-39-3K	EDP-39H	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
2	100A	—	—	—	—	SPACE	—	—	—	—	—	
3	225A	225A	25000	3	EDP-39-3K	EDP-39H	4	250MCM	THWAL	3"	120/208V-3Ø-4W	
4	225A	225A	25000	3	EDP-39-3K	EDP-39H	4	250MCM	THWAL	3"	120/208V-3Ø-4W	

**SCHEDULE OF POWER PANELS FOR COMPUTER ROOM A.C. UNITS 460V-3Ø-3W**

PANEL NO.	C.B. NO.	FRAME	TRIP	TYPE	POLES	CONTROLS	SUPPLIES	FEEDER SIZE			REMARKS	
								NO.	SIZE	TYPE COND.		
PP-35A												
1	100	30	25000	3	PP-35A-1	A.C. UNIT N° 35-1	3	#2	THWAL	1/4"	SHUNT TRIP CIRCUIT BREAKER	
2	100	30	25000	3	PP-35A-2	A.C. UNIT N° 35-2	3	#2	THWAL	1/4"	SHUNT TRIP CIRCUIT BREAKER	
3	100	30	25000	3	PP-35A-3	A.C. UNIT N° 35-3	3	#2	THWAL	1/4"	SHUNT TRIP CIRCUIT BREAKER	
4	100	30	25000	3	PP-35A-4	A.C. UNIT N° 35-4	3	#2	THWAL	1/4"	SHUNT TRIP CIRCUIT BREAKER	
5	100	—	—	—	—	SPACE	—	—	—	—	—	
6	100	—	—	—	—	SPACE	—	—	—	—	—	
7	100	—	—	—	—	SPACE	—	—	—	—	—	
8	100	—	—	—	—	SPACE	—	—	—	—	—	
PP-35B												
1	100	30	25000	3	PP-35B-1	A.C. UNIT N° 35-5	3	#2	THWAL	1/4"	SHUNT TRIP CIRCUIT BREAKER	
2	100	30	25000	3	PP-35B-2	A.C. UNIT N° 35-6	3	#2	THWAL	1/4"	SHUNT TRIP CIRCUIT BREAKER	
3	100	30	25000	3	PP-35B-3	A.C. UNIT N° 35-7	3	#2	THWAL	1/4"	SHUNT TRIP CIRCUIT BREAKER	
4	100	30	25000	3	PP-35B-4	A.C. UNIT N° 35-8	3	#2	THWAL	1/4"	SHUNT TRIP CIRCUIT BREAKER	
5	100	—	—	—	—	SPACE	—	—	—	—	—	
6	100	—	—	—	—	SPACE	—	—	—	—	—	
7	100	—	—	—	—	SPACE	—	—	—	—	—	
8	100	—	—	—	—	SPACE	—	—	—	—	—	
PP-35C												
1	100	30	25000	3	PP-35C-1	A.C. UNIT N° 35-9	3	#2	THWAL	1/4"	SHUNT TRIP CIRCUIT BREAKER	
2	100	30	25000	3	PP-35C-2	A.C. UNIT N°						

SCHEDULE OF POWER DISTRIBUTION PANELS									
PANEL	SWITCH SIZE	POLES	FUSE SIZE	FUSE TYPE	FEEDER	SUPPLIES	NO.	FEEDER SIZE	REMARKS
DP-TEA (400V, 3P, 4W)	400A	3	250A	LIMITRON	DP-TEA-1	50 KVA TRANSFORMER	3	300MCM THW	2 1/2"
	400A	3	350A	LIMITRON	DP-TEA-2	225 KVA TRANSFORMER	3	300MCM THW	3"
	400A	---	---	---	DP-TEA-3	SPACE	---	---	---
	400A	---	---	---	DP-TEA-4	SPACE	---	---	---
DP-TEB (400V, 3P, 4W)	400A	3	300A	LIMITRON	DP-TEB-1	225 KVA T/F V/A	3	300MCM THW	3"
	400A	3	---	---	DP-TEB-2	SPACE	---	---	---
	100A	3	50A	LIMITRON	DP-TEB-3	SP-CVA	3	#6 AL THW	1"
	100A	3	70A	LIMITRON	DP-TEB-4	FUEL OIL PUMPS	3	#6 AL THW	1"
DP-TEC (400V, 3P, 4W)	200A	3	200	LIMITRON	DP-TEC-1	POWER PANEL 16 AC	3	3/8 CU THW	2"
	200A	3	---	---	DP-TEC-2	SPACE	---	---	---
	200A	3	---	---	DP-TEC-3	SPACE	---	---	---

SCHEDULE OF POWER DISTRIBUTION PANELS (208/120V, 3P, 4W)									
PANEL	C.B. NO.	FRAME	TRIP	POLES	WAVE PLATE COLOR	FEEDER	SUPPLIES	FEEDER SIZE	REMARKS
DP-TEA (LEVEL 2 ONSD)	1	500A	500A	3	---	DP-TEA-1	FLOORS 9-12 (I & II)	300MCM THW	2 1/2"
	2	225A	---	3	---	---	SPACE	---	---
	3	225A	---	3	---	---	SPACE	---	---
DP-TEB (40 TH FL)	1	100A	---	3	---	---	SPACE	---	---
	2	100A	---	3	---	---	SPACE	---	---
	3	225A	150A	3	---	DP-TEB-3	TEUP-30; TEUP-38	4 20 AL THW	2 1/2"
	4	225A	150A	3	---	DP-TEB-4	TEUP-34	4 1/0 (C-U) THW	2"
	5	400A	---	3	---	---	SPACE	---	---
	6	400A	500A	3	---	DP-TEB-6	TEUP-36; TEUP-35	4 300MCM THW	3 1/2"
DP-TEC (40 TH FL)	1	100A	70A	3	---	DP-TEC-1	TEUP-41	4 2 AL THW	2"
	2	100A	70A	3	---	DP-TEC-2	TEUP-40	4 2 AL THW	2"
	3	400A	350A	3	---	DP-TEC-3	TEUP-34 (TEUP-32)	4 300MCM THW	3 1/2"
	4	400A	350A	3	---	DP-TEC-4	TEUP-31 (TEUP-30)	4 300MCM THW	3 1/2"
DP-TEUP (6 TH FL)	1	400A	400A	3	---	DP-TEUP-1	TEUP-16 (SECTIONS I & II)	4 500MCM THW	3 1/2"
	2	400A	400A	3	---	DP-TEUP-2	TEUP-16 (SECTIONS I & II)	4 500MCM THW	3 1/2"
	3	100A	---	3	---	---	SPACE ONLY	---	---

SCHEDULE OF EMERGENCY UTILITY PANELS (208/120V, 3P, 4W)			
PANEL DESIGNATION	SECTION	POLES	MAIN CIRCUIT BREAKER
TEUP-9	---	15	20A-3P
TEUP-10	---	15	20A-3P
TEUP-11	---	9	20A-3P
TEUP-12	---	27	100A-3P
TEUP-12A	---	42	---
TEUP-14	---	21	100A-3P
TEUP-15	I	42	125A-3P
	II	42	125A-3P
TEUP-15A	I	42	---
	II	42	---
TEUP-17	---	27	70A-3P
TEUP-18	---	21	20A-3P
TEUP-25	---	24	---

**VOID**  
SEE LOOSE LEAF BINDER  
IN 30TH FLOOR REAL ESTATE  
OFFICE

SCHEDULE OF EMERGENCY LIGHTING PANELS (460/265V, 3P, 4W)			
PANEL DESIG.	MAIN SWITCH	POLES	FEEDER
TEUP-15	---	12	---

**VOID**

REVISIONS		
NO.	DATE	DESCRIPTION
1	12-21-75	GENERAL UPDATE

ISSUED TO	NO.	DATE	PKG. NO.
<b>BANKERS TRUST PLAZA</b>			
<b>A FISHER BROTHERS PROJECT</b>			
GREENWICH AND LIBERTY ST. N.Y. N.Y.			
SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS			
475 PARK AVENUE SOUTH N.Y. N.Y. 10016			
PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS			
919 THIRD AVENUE N.Y. N.Y. 10022			
THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS			
515 MADISON AVENUE N.Y. N.Y. 10022			
J A R O S . B A U M & B O L L E S MECH. & ELEC. ENGINEERS			
345 PARK AVENUE N.Y. N.Y. 10022			

PANEL SCHEDULES EXTENSION OF TURBINE GENERATOR POWER DISTRIBUTION SYSTEM	
PROJECT NUMBER	7101
DRAWING NUMBER	E-13
DATE	
SCALE	NONE





ELEVATOR POWER PANEL SCHEDULES — 460V-3Ø-3W									
SWITCH SIZE	FUSE SIZE	FUSE TYPE	CONTROLS	SUPPLIES	FEEDER SIZE	REMARKS			
100A-3P	100A	LOW PEAK	20 ELA*1	PE*8	3 #4/0 THW 1/4"				
100A-3P	100A	LOW PEAK	20 ELA*2	PE*9	3 #4/0 THW 1/4"				
100A-3P	100A	LOW PEAK	20 ELA*3	PE*10	3 #4/0 THW 1/4"				
100A-3P	100A	LOW PEAK	20 ELA*4	PE*11	3 #4/0 THW 1/4"				
30A-3P	30A	LIMITRON	20 ELA*5	(CONTROL CAB. (RELAYS, ETC.))	3 #10/0 THW 3/4"				
30A-3P	---	---	---	SPARE	---				
100A-3P	100A	LOW PEAK	20 ELB*1	PE*12	3 #4/0 THW 1/4"				
100A-3P	100A	LOW PEAK	20 ELB*2	PE*13	3 #4/0 THW 1/4"				
100A-3P	100A	LOW PEAK	20 ELB*3	PE*14	3 #4/0 THW 1/4"				
100A-3P	100A	LOW PEAK	20 ELB*4	PE*15	3 #4/0 THW 1/4"				
30A-3P	30A	LIMITRON	20 ELB*5	(CONTROL CAB. (RELAYS, ETC.))	3 #10/0 THW 3/4"				
30A-3P	---	---	---	SPARE	---				
200A-3P	150A	LOW PEAK	31 ELA*1	PE*16	3 #1/0 THW 2"				
200A-3P	150A	LOW PEAK	31 ELA*2	PE*17	3 #1/0 THW 2"				
200A-3P	150A	LOW PEAK	31 ELA*3	PE*18	3 #1/0 THW 2"				
200A-3P	150A	LOW PEAK	31 ELA*4	PE*19	3 #1/0 THW 2"				
30A-3P	30A	LIMITRON	31 ELA*5	(CONTROL CAB. (RELAYS, ETC.))	3 #10/0 THW 3/4"				
30A-3P	---	---	---	SPARE	---				
200A-3P	150A	LOW PEAK	31 ELB*1	PE*20	3 #1/0 THW 2"				
200A-3P	150A	LOW PEAK	31 ELB*2	PE*21	3 #1/0 THW 2"				
200A-3P	150A	LOW PEAK	31 ELB*3	PE*22	3 #1/0 THW 2"				
200A-3P	150A	LOW PEAK	31 ELB*4	PE*23	3 #1/0 THW 2"				
30A-3P	30A	LIMITRON	31 ELB*5	(CONTROL CAB. (RELAYS, ETC.))	3 #10/0 THW 3/4"				
30A-3P	---	---	---	SPARE	---				
200A-3P	150A	LOW PEAK	41 ELA*1	PE*24	3 #1/0 THW 2"				
200A-3P	175A	LOW PEAK	41 ELA*2	PE*25	3 #1/0 THW 2"				
200A-3P	175A	LOW PEAK	41 ELA*3	PE*26	3 #1/0 THW 2"				
200A-3P	175A	LOW PEAK	41 ELA*4	PE*27	3 #1/0 THW 2"				
30A-3P	30A	LIMITRON	41 ELA*5	(CONTROL CAB. (RELAYS, ETC.))	3 #10/0 THW 3/4"				
30A-3P	---	---	---	SPARE	---				
200A-3P	150A	LOW PEAK	41 ELB*1	PE*28	3 #1/0 THW 2"				
200A-3P	150A	LOW PEAK	41 ELB*2	PE*29	3 #1/0 THW 2"				
200A-3P	150A	LOW PEAK	41 ELB*3	PE*30	3 #1/0 THW 2"				
200A-3P	150A	LOW PEAK	41 ELB*4	PE*31	3 #1/0 THW 2"				
30A-3P	30A	LIMITRON	41 ELB*5	(CONTROL CAB. (RELAYS, ETC.))	3 #10/0 THW 3/4"				
30A-3P	---	---	---	SPARE	---				

SCHEDULE OF POWER DISTRIBUTION PANELS (460V-3Ø-3W)									
PANEL NO.	SWITCH SIZE	POLES	FUSE TYPE	CONTROLS	SUPPLIES	FEEDER SIZE	REMARKS		
30	30A	3	LOW PEAK	PP-CV-A*1	ESCALATOR*1	3 #1/2 THW 3/4"			
30	30A	3	LOW PEAK	PP-CV-A*1	ESCALATOR*2	3 #1/2 THW 3/4"			
30	30A	3	LOW PEAK	PP-CV-A*1	ESCALATOR*3	3 #1/2 THW 3/4"			
30	30A	3	LOW PEAK	PP-CV-A*1	ESCALATOR*4	3 #1/2 THW 3/4"			
30	30A	3	LOW PEAK	PP-CV-A*1	ESCALATOR*5	3 #1/2 THW 3/4"			
30	30A	3	LOW PEAK	PP-CV-A*1	ESCALATOR*6	3 #1/2 THW 3/4"			
30	30A	3	LOW PEAK	PP-CV-A*1	ESCALATOR*7	3 #1/2 THW 3/4"			
30	30A	3	LOW PEAK	PP-CV-A*1	ESCALATOR*8	3 #1/2 THW 3/4"			
30	30A	3	LOW PEAK	PP-CV-A*1	ESCALATOR*9	3 #1/2 THW 3/4"			
30	30A	3	LOW PEAK	PP-CV-A*1	ESCALATOR*10	3 #1/2 THW 3/4"			
30	30A	3	LOW PEAK	PP-CV-A*1	ESCALATOR*11	3 #1/2 THW 3/4"			
30	30A	3	LOW PEAK	PP-CV-A*1	ESCALATOR*12	3 #1/2 THW 3/4"			
30	30A	3	LOW PEAK	PP-CV-A*1	ESCALATOR*13	3 #1/2 THW 3/4"			
30	30A	3	LOW PEAK	PP-CV-A*1	ESCALATOR*14	3 #1/2 THW 3/4"			
30	30A	3	LOW PEAK	PP-CV-A*1	ESCALATOR*15	3 #1/2 THW 3/4"			
30	30A	3	LOW PEAK	PP-CV-A*1	ESCALATOR*16	3 #1/2 THW 3/4"			
30	30A	3	LOW PEAK	PP-CV-A*1	SPARES (2)	---			

SCHEDULE OF POWER DISTRIBUTION PANELS (CONVEYORS) 460V-3Ø-3W									
PANEL NO.	SWITCH SIZE	POLES	FUSE TYPE	CONTROLS	SUPPLIES	FEEDER SIZE	REMARKS		
1	30	3	LOW PEAK	PP-CV-A*1	P-34, P-35, P-36 + P-37	3 #1/2 THW 3/4"			
2	30	3	LOW PEAK	PP-CV-A*2	P-19, P-20, P-21, P-30, P-31 + P-32	3 #1/2 THW 3/4"			
3	30	3	LOW PEAK	PP-CV-A*3	P-22, P-23, P-24, P-33, L-6 + L-7	3 #1/2 THW 3/4"			
4	30	3	LOW PEAK	PP-CV-A*2	P-25, P-26, P-27 + L-5	3 #1/2 THW 3/4"			
5	30	3	LOW PEAK	PP-CV-A*2	(CONTROL CIRCUIT)	---	277V-1Ø		
6	30	3	LOW PEAK	PP-CV-A*2	---	---			

SCHEDULE OF POWER DISTRIBUTION PANELS (120/208V-3Ø-3W)									
SWITCH SIZE	TRIP	POLES	CONTROLS	SUPPLIES	FEEDER SIZE	REMARKS			
225A	50A	3	DP-MA-1	UTILITY PANEL UP-MUG	4 #2/0AL THW 3/4"				
225A	25A	3	DP-MA-2	UTILITY PANEL UP-MUE	4 #2/0AL THW 3/4"				
225A	125A	3	DP-MA-3	UTILITY PANEL UP-MUD	4 #2/0AL THW 3/4"				
225A	150A	3	DP-MA-4	UTILITY PANEL UP-MUD	4 #2/0AL THW 3/4"				
225A	---	---	---	SPACE	---				
225A	175A	3	DP-MA-5	UTILITY PANEL UP-MUG	4 #2/0AL THW 3/4"				
225A	175A	3	DP-MA-6	UTILITY PANEL UP-MUF	4 #2/0AL THW 3/4"				
225A	175A	3	DP-MA-7	UTILITY PANEL UP-MUF	4 #2/0AL THW 3/4"				
225A	225A	3	DP-MA-8	UTILITY PANEL UP-MUH	4 #2/0AL THW 3/4"				
400	250	3	DP-KPA-1	POWER PANEL KA	4 #3/0MCM THW 3/2"				
225	225	3	---	POWER PANEL KB	4 #2/0(AL) THW 2 1/2"				
225	125	3	---	POWER PANEL KC	4 #2/0(AL) THW 2 1/2"				
225	225	3	---	POWER PANEL KD	4 #2/0(AL) THW 2 1/2"				
400	360	3	---	POWER PANEL KE	4 #3/0MCM THW 3/2"				
225	175	3	---	POWER PANEL KF	4 #2/0(AL) THW 2 1/2"				
225	100	3	---	SPACE	---				
100	50	3	DP-A-1	ACCU-1 (AT 1ST FLOOR)	3 #8(CU) THW 3/4"				
100	50	3	DP-A-2	SPARE	---				
225	125	3	DP-A-3	UTILITY PANEL UP-AUA	4 #2/0(AL) THW 2 1/2"				
225	125	3	DP-A-4	UTILITY PANEL UP-AUD	4 #2/0(AL) THW 2 1/2"				

SCHEDULE OF DISTRIBUTION SWITCHBOARDS 460/265V-3Ø-60HZ										
SWBD NO.	CIR. BKR. NO.	FRAME	NAME	POLES	TRIP	TYPE	FEEDER DESIGN	SUPPLIES	FEEDER SIZE	REMARKS
1	400A	ORANGE	3	400A	TB-4	DB-1	DB-1	LIGHTING PANELS-38LA, 39LA	4 #350MCM/AL THW 3/2"	
2	400A	ORANGE	3	400A	TB-4	DB-2	DB-2	LIGHTING MISLOAD-151735, 37FLS	4 #300MCM/AL THW 3/2"	
3	400A	ORANGE	3	350A	TB-4	DB-3	DB-3	POWER PANEL PP40B	3 #750MCM/AL THW 4"	
4	800A	ORANGE	3	600A	TB-8	DB-4	DB-4	POWER PANEL PP37A	6 #400MCM/AL THW 4"	
5	800A	ORANGE	3	700A	TB-8	DB-5	DB-5	MOTOR CONTROL CENTER MCC-12	6 #500MCM/AL THW 2-3"	
6	600A	ORANGE	3	400A	TB-6	DB-6	DB-6	POWER PANEL PP-39B	3 #750MCM/AL THW 3/2"	
7	400A	ORANGE	3	400A	TB-4	DB-7	DB-7	DISTRIBUTION PANEL DP-TEA*	6 #350MCM/AL THW 4"	VIA ATS*38
8	400A	ORANGE	3	400A	TB-4	DB-8	DB-8	DISTRIBUTION PANEL DP-TEF	6 #350MCM/AL THW 2-3/2"	
9	400A	ORANGE	3	400A	TB-4	DB-9	DB-9	SPARE	---	
10	600A	ORANGE	3	400A	TB-6	DB-10	DB-10	POWER PANEL PP-35A	6 #300MCM/AL THW 4"	
11	600A	ORANGE	3	400A	TB-6	DB-11	DB-11	POWER PANEL PP-36A	3 #750MCM/AL THW 3/2"	
12	600A	ORANGE	3	400A	TB-6	DB-12	DB-12	POWER PANEL PP-36C	3 #750MCM/AL THW 3/2"	
1	400A	ORANGE	3	400A	TB-4	DB-1	DB-1	POWER PANEL PP40A	3 #300MCM/AL THW 3/2"	
2	400A	ORANGE	3	400A	TB-4	DB-2	DB-2	DISTRIBUTION PANEL DP-TEB*	3 #300MCM/AL THW 2 1/2"	
3	600A	ORANGE	3	400A	TB-6	DB-3	DB-3	POWER PANEL PP-39A	3 #750MCM/AL THW 3/2"	
4	600A	ORANGE	3	600A	TB-6	DB-4	DB-4	POWER PANEL PP-37B	6 #350MCM/AL THW 4"	
5	600A	ORANGE	3	400A	TB-6	DB-5	DB-5	POWER PANEL PP-39B	3 #750MCM/AL THW 3/2"	
6	800A	ORANGE	3	700A	TB-8	DB-6	DB-6	MOTOR CONTROL CENTER MCC-13	6 #500MCM/AL THW 2-3"	
7	400A	ORANGE	3	400A	TB-4	DB-7	DB-7	SPARE	---	
8	400A	ORANGE	3	400A	TB-4	DB-8	DB-8	DISTRIBUTION PANEL DP-TEC*	3 #500MCM/AL THW 3"	
9	600A	ORANGE	3	400A	TB-6	DB-9	DB-9	POWER PANEL PP-39C	3 #750MCM/AL THW 3/2"	
10	600A	ORANGE	3	400A	TB-6	DB-10	DB-10	POWER PANEL PP-38D	6 #350MCM/AL THW 4"	
11	600A	ORANGE	3	400A	TB-6	DB-11	DB-11	POWER PANEL PP-35B	6 #300MCM/AL THW 4"	
12	600A	ORANGE	3	400A	TB-6	DB-12	DB-12	POWER PANEL PP-35C	3 #750MCM/AL THW 3/2"	
1	400A	YELLOW	3	350A	TB-4	DB-1	DB-1	300KVA TRANSFORMER 33rd FL	3 #500MCM/AL THW 3"	
2	400A	YELLOW	3	350A	TB-4	DB-2	DB-2	300KVA TRANSFORMER 33rd FL	3 #500MCM/AL THW 3"	
3	400A	YELLOW	3	400A	TB-4	DB-3	DB-3	300KVA TRANSFORMER 33rd FL	3 #500MCM/AL THW 3/2"	
4	400A	YELLOW	3	400A	TB-4	DB-4	DB-4	300KVA TRANSFORMER 33rd FL	3 #500MCM/AL THW 3/2"	
5	400A	YELLOW	3	400A	TB-4	DB-5	DB-5	225KVA TRANSFORMER 33rd FL	3 #500MCM/AL THW 3"	
6	400A	YELLOW	3	350A	TB-4	DB-6	DB-6	300KVA TRANSFORMER 25th FL	3 #500MCM/AL THW 3"	
7	400A	YELLOW	3	350A	TB-4	DB-7	DB-7	300KVA TRANSFORMER 25th FL	3 #500MCM/AL THW 3"	
8	400A	YELLOW	3	---	TB-4	DB-8	DB-8	SPARE	---	
9	400A	YELLOW	3	---	TB-4	DB-9	DB-9	SPARE	---	

CV-17A (17TH FLOOR CONVEYORS)									
SWITCH SIZE	TRIP	POLES	CONTROLS	SUPPLIES	FEEDER SIZE	REMARKS			
100	20A	1	CV-17A-1	D-2 (2-1/4")	2 #12 THW 3/4"				
100	20A	1	CV-17A-2	D-1 (2-1/4")	2 #12 THW 3/4"				
100	20A	1	CV-17A-3	S-1 (1/2")	2 #12 THW 3/4"				
100	20A	1	CV-17A-4	D-5 (2-1/4")	2 #12 THW 3/4"				
100	20A	1	CV-17A-5	D-4 (2-1/4")	2 #12 THW 3/4"				
100	20A	1	CV-17A-6	S-2 (1/2")	2 #12 THW 3/4"				
100	20A	1	CV-17A-7	D-3 (2-1/4")	2 #12 THW 3/4"				
100	20A	1	---	SPARE	---				
100	20A	1	---	SPARE	---				
100	20A	1	---	SPARE	---				
100	20A	1	---	SPARE	---				
100	20A	1	---	SPARE	---				

CV-17 (17TH FLOOR CONVEYORS)									
SWITCH SIZE	TRIP	POLES	CONTROLS	SUPPLIES	FEEDER SIZE	REMARKS			
100	20A	3	CV-17-1	P-6, P-7, L-3 (3-1/2")	3 #12 THW 3/4"				
100	20A	3	CV-17-2	P-5, P-8 (2-3/4")	3 #12 THW 3/4"				
100	20A	3	CV-17-3	P-3, P-4, L-4 (3-1/2")	3 #12 THW 3/4"				
100	20A	3	CV-17-4	P-1, P-2 (2-3/4")	3 #12 THW				



SCHEDULE OF MAIN SERVICE SWITCHBOARDS						
225/460 VOLTS - 3 PHASE - 4 WIRE - FULL-NEUTRAL						
SWBD NO.	SERVICE DATA			FEEDER DESIGNATION	SUPPLIES	FEEDER SIZE
	NO.	TYPE	SIZE			
MB 1	1	PRESSURE	3000A, 3P	4000A	MD1-1	DISTRIBUTION SWITCHBOARD DD1
	2	PRESSURE	2500A, 3P	3000A	MD1-2	DISTRIBUTION SWITCHBOARD DD1
MB 2	1	PRESSURE	3000A, 3P	4000A	MD2-1	DISTRIBUTION SWITCHBOARD DD2
	2	PRESSURE	2500A, 3P	3000A	MD2-2	DISTRIBUTION SWITCHBOARD DD2
	3	QMCP	500A, 3P	500A	MD2-3	AUTOMATIC FIRE PUMP (75HR)
UPS	1	PRESSURE	5000A, 3P	4000A	JPB-1	UPS SYSTEM (427FW)
MB 3	1	PRESSURE	3000A, 3P	4000A	MD3-1	DISTRIBUTION SWITCHBOARD DD3
	2	PRESSURE	2500A, 3P	3000A	MD3-2	DISTRIBUTION SWITCHBOARD DD3
	3	PRESSURE	500A, 3P	500A	MD3-3	MANUAL FIRE PUMP (250 HP)
MB 4	1	PRESSURE	5000A, 3P	4000A	MD4-1	DISTRIBUTION SWITCHBOARD DD4
	2	PRESSURE	2500A, 3P	3000A	MD4-2	DISTRIBUTION SWITCHBOARD DD4

SCHEDULE OF DISTRIBUTION SWITCHBOARDS							
SWBD NO.	NO.	FEEDER			SUPPLIES	FEEDER SIZE	REMARKS
		TYPE	SIZE	COLOR			
DD1	1	400A	B-4	3	250A	BRN	POWER PANEL PP-39A
	2	400A	B-4	3	250A	BRN	POWER PANEL PP-39B
	3	400A	B-4	3	250A	BRN	POWER PANEL PP-39C
	4	400A	B-4	3	250A	BRN	POWER PANEL PP-41
	5	400A	B-4	3	250A	BRN	POWER PANEL PP-41
	6	400A	B-4	3	250A	BRN	POWER PANEL PP-41
	7	400A	B-4	3	250A	BRN	POWER PANEL PP-41
	8	400A	B-4	3	250A	BRN	POWER PANEL PP-41
	9	400A	B-4	3	250A	BRN	POWER PANEL PP-41
	10	400A	B-4	3	250A	BRN	POWER PANEL PP-41
	11	400A	B-4	3	250A	BRN	POWER PANEL PP-41
	12	400A	B-4	3	250A	BRN	POWER PANEL PP-41
	13	400A	B-4	3	250A	BRN	POWER PANEL PP-41
	14	400A	B-4	3	250A	BRN	POWER PANEL PP-41
	15	400A	B-4	3	250A	BRN	POWER PANEL PP-41
	16	400A	B-4	3	250A	BRN	POWER PANEL PP-41
	17	400A	B-4	3	250A	BRN	POWER PANEL PP-41
	18	400A	B-4	3	250A	BRN	POWER PANEL PP-41
	19	400A	B-4	3	250A	BRN	POWER PANEL PP-41
	20	400A	B-4	3	250A	BRN	POWER PANEL PP-41
	21	400A	B-4	3	250A	BRN	POWER PANEL PP-41
	22	400A	B-4	3	250A	BRN	POWER PANEL PP-41
	23	400A	B-4	3	250A	BRN	POWER PANEL PP-41

DD2	1	400A	B-4	3	250A	BRN	POWER PANEL PP-38A
	2	400A	B-4	3	250A	BRN	POWER PANEL PP-38B
	3	400A	B-4	3	250A	BRN	POWER PANEL PP-38C
	4	400A	B-4	3	250A	BRN	POWER PANEL PP-38D
	5	400A	B-4	3	250A	BRN	POWER PANEL PP-38E
	6	400A	B-4	3	250A	BRN	POWER PANEL PP-38F
	7	400A	B-4	3	250A	BRN	POWER PANEL PP-38G
	8	400A	B-4	3	250A	BRN	POWER PANEL PP-38H
	9	400A	B-4	3	250A	BRN	POWER PANEL PP-38I
	10	400A	B-4	3	250A	BRN	POWER PANEL PP-38J

SCHEDULE OF DISTRIBUTION SWITCHBOARDS							
SWBD NO.	NO.	FEEDER			SUPPLIES	FEEDER SIZE	REMARKS
		TYPE	SIZE	COLOR			
DD3	1	400A	B-4	3	250A	BRN	POWER PANEL PP-37A
	2	400A	B-4	3	250A	BRN	POWER PANEL PP-37B
	3	400A	B-4	3	250A	BRN	POWER PANEL PP-37C
	4	400A	B-4	3	250A	BRN	POWER PANEL PP-37D
	5	400A	B-4	3	250A	BRN	POWER PANEL PP-37E
	6	400A	B-4	3	250A	BRN	POWER PANEL PP-37F
	7	400A	B-4	3	250A	BRN	POWER PANEL PP-37G
	8	400A	B-4	3	250A	BRN	POWER PANEL PP-37H
	9	400A	B-4	3	250A	BRN	POWER PANEL PP-37I
	10	400A	B-4	3	250A	BRN	POWER PANEL PP-37J
	11	400A	B-4	3	250A	BRN	POWER PANEL PP-37K
	12	400A	B-4	3	250A	BRN	POWER PANEL PP-37L
	13	400A	B-4	3	250A	BRN	POWER PANEL PP-37M
	14	400A	B-4	3	250A	BRN	POWER PANEL PP-37N
	15	400A	B-4	3	250A	BRN	POWER PANEL PP-37O
	16	400A	B-4	3	250A	BRN	POWER PANEL PP-37P
	17	400A	B-4	3	250A	BRN	POWER PANEL PP-37Q
	18	400A	B-4	3	250A	BRN	POWER PANEL PP-37R
	19	400A	B-4	3	250A	BRN	POWER PANEL PP-37S
	20	400A	B-4	3	250A	BRN	POWER PANEL PP-37T
	21	400A	B-4	3	250A	BRN	POWER PANEL PP-37U
	22	400A	B-4	3	250A	BRN	POWER PANEL PP-37V
	23	400A	B-4	3	250A	BRN	POWER PANEL PP-37W

DD4	1	400A	B-4	3	250A	BRN	POWER PANEL PP-36A
	2	400A	B-4	3	250A	BRN	POWER PANEL PP-36B
	3	400A	B-4	3	250A	BRN	POWER PANEL PP-36C
	4	400A	B-4	3	250A	BRN	POWER PANEL PP-36D
	5	400A	B-4	3	250A	BRN	POWER PANEL PP-36E
	6	400A	B-4	3	250A	BRN	POWER PANEL PP-36F
	7	400A	B-4	3	250A	BRN	POWER PANEL PP-36G
	8	400A	B-4	3	250A	BRN	POWER PANEL PP-36H
	9	400A	B-4	3	250A	BRN	POWER PANEL PP-36I
	10	400A	B-4	3	250A	BRN	POWER PANEL PP-36J

DD5	1	400A	B-4	3	250A	BRN	POWER PANEL PP-35A
	2	400A	B-4	3	250A	BRN	POWER PANEL PP-35B
	3	400A	B-4	3	250A	BRN	POWER PANEL PP-35C
	4	400A	B-4	3	250A	BRN	POWER PANEL PP-35D
DD6	1	400A	B-4	3	250A	BRN	POWER PANEL PP-34A
	2	400A	B-4	3	250A	BRN	POWER PANEL PP-34B
	3	400A	B-4	3	250A	BRN	POWER PANEL PP-34C
DD7	1	400A	B-4	3	250A	BRN	POWER PANEL PP-33A
	2	400A	B-4	3	250A	BRN	POWER PANEL PP-33B
DD8	1	400A	B-4	3	250A	BRN	POWER PANEL PP-32A
	2	400A	B-4	3	250A	BRN	POWER PANEL PP-32B

REVISIONS		
NO.	DATE	DESCRIPTION
12-21-78		GENERAL UPDATE

REVISIONS		
NO.	DATE	DESCRIPTION
12-21-78		GENERAL UPDATE

ISSUED TO: \_\_\_\_\_ NO. \_\_\_\_\_ DATE \_\_\_\_\_ PKG. NO. \_\_\_\_\_

**A FISHER BROTHERS PROJECT**

GREENWICH AND LIBERTY ST. N.Y. N.Y.

**SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS**  
475 PARK AVENUE SOUTH N.Y. N.Y. 10016

**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
919 THIRD AVENUE N.Y. N.Y. 10022

**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**  
515 MADISON AVENUE N.Y. N.Y. 10022

**JAROS, BAUM & BOLLES MECH. ELEC. ENGINEERS**  
345 PARK AVENUE N.Y. N.Y. 10022

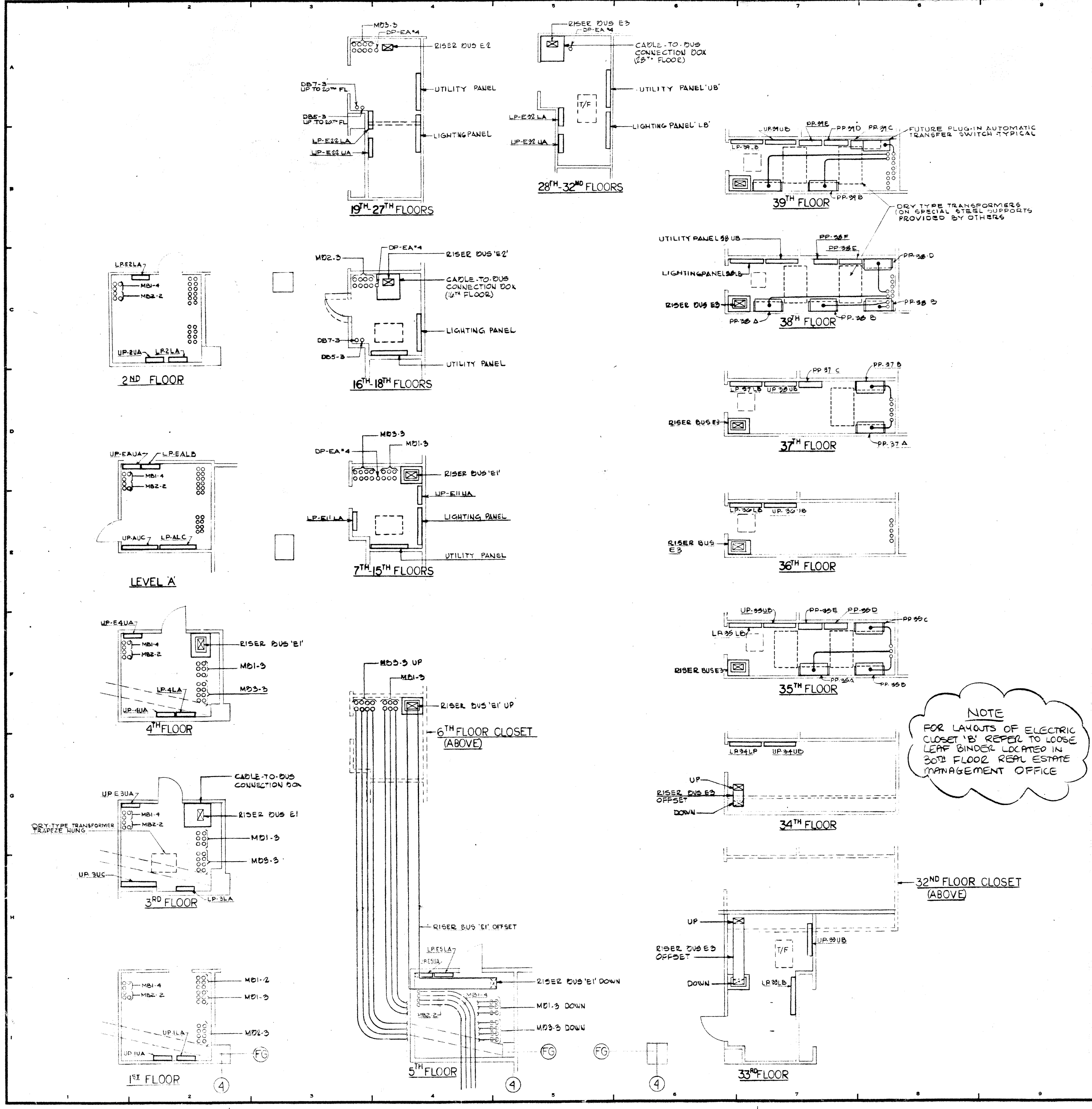
SERVICE & DISTRIBUTION SWITCHBOARD SCHEDULES

PROJECT NUMBER: **7101**

DRAWING NUMBER: **E-9**

DATE: 01-19-78

SCALE: \_\_\_\_\_



**NOTE**  
 FOR LAYOUTS OF ELECTRIC CLOSET 'B' REFER TO LOOSE LEAF BINDER LOCATED IN 30TH FLOOR REAL ESTATE MANAGEMENT OFFICE

REVISIONS	
NO.	DATE
1	12-21-78
2	
3	
4	
5	
6	
7	
8	
9	
10	

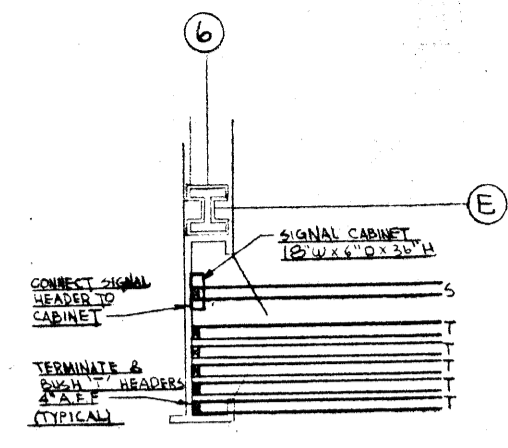
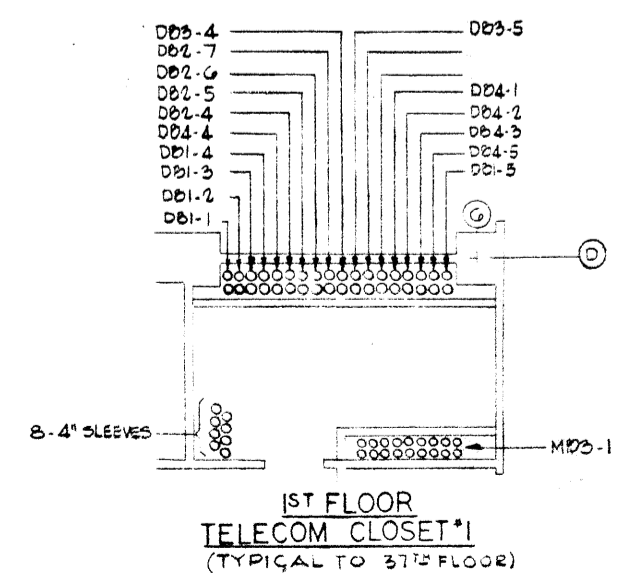
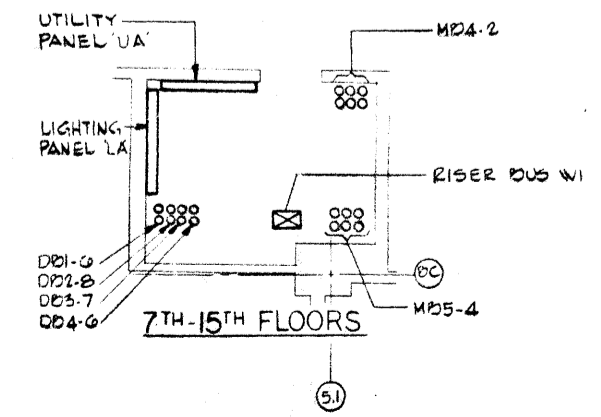
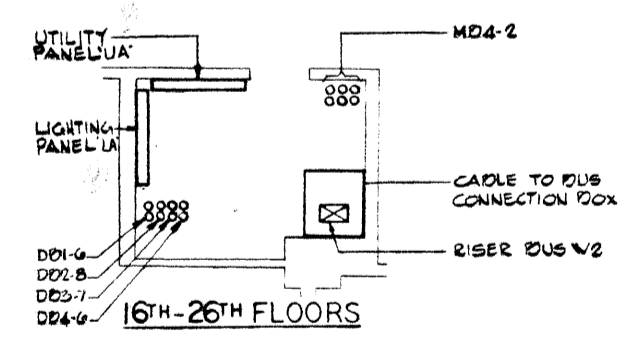
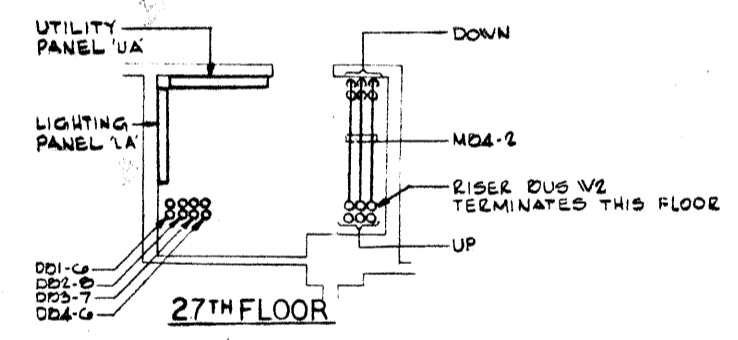
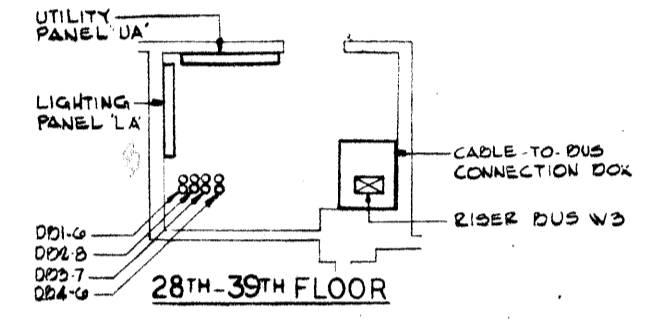
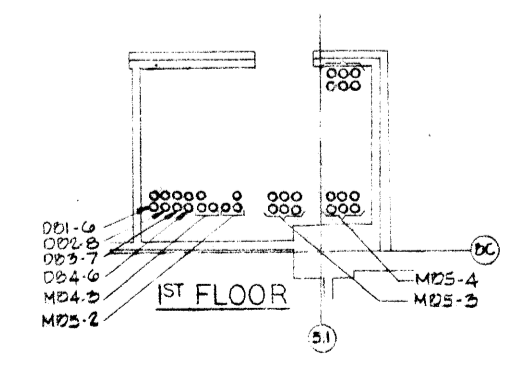
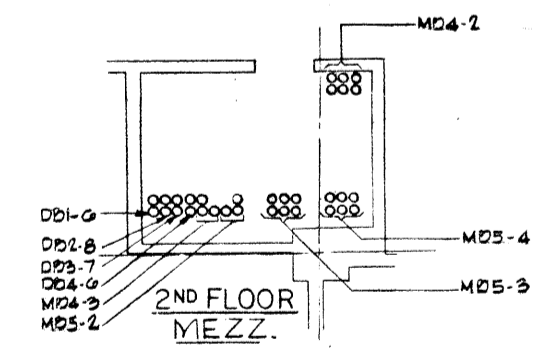
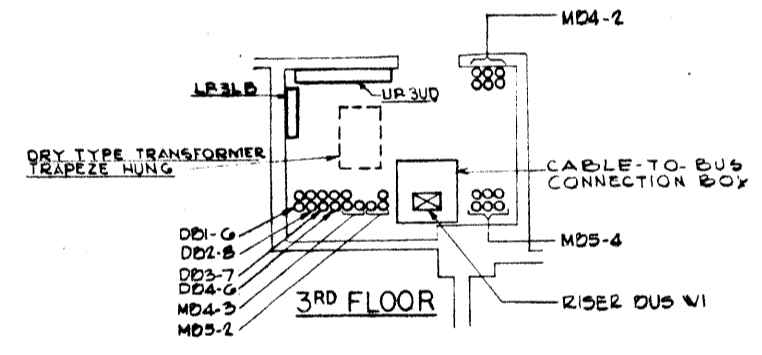
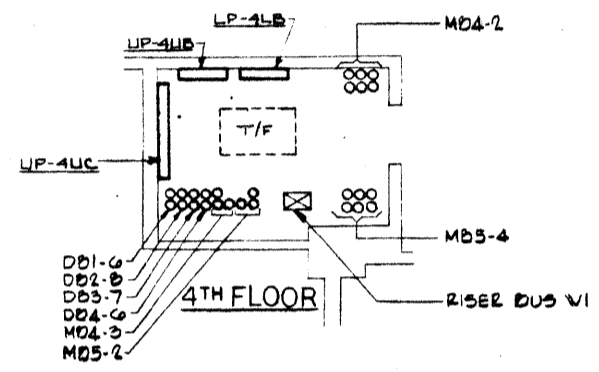
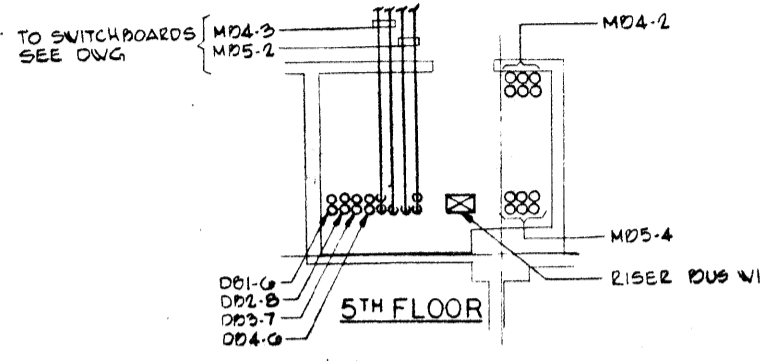
  

ISSUED TO	NO.	DATE	PKG. NO.

<b>A FISHER BROTHERS PROJECT</b>	
GREENWICH AND LIBERTY ST. N.Y.C. N.Y.	
<b>SHREVE, LAMB &amp; HARMON ASSOCIATES P.C. ARCHITECTS</b>	
475 PARK AVENUE SOUTH N.Y.C. N.Y. 10016	
<b>PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS</b>	
919 THIRD AVENUE N.Y.C. N.Y. 10022	
<b>THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS</b>	
315 MADISON AVENUE N.Y.C. N.Y. 10022	
<b>J. A. ROSS, BAUM &amp; BOLLES MECH. &amp; ELEC. ENGINEERS</b>	
345 PARK AVENUE N.Y.C. N.Y. 10022	

<b>DETAIL OF ELECTRIC CLOS. 'B'</b>	
PROJECT NUMBER	7101
DRAWING NUMBER	E-8
DATE	1-7-79
SCALE	1/4" = 1'-0"

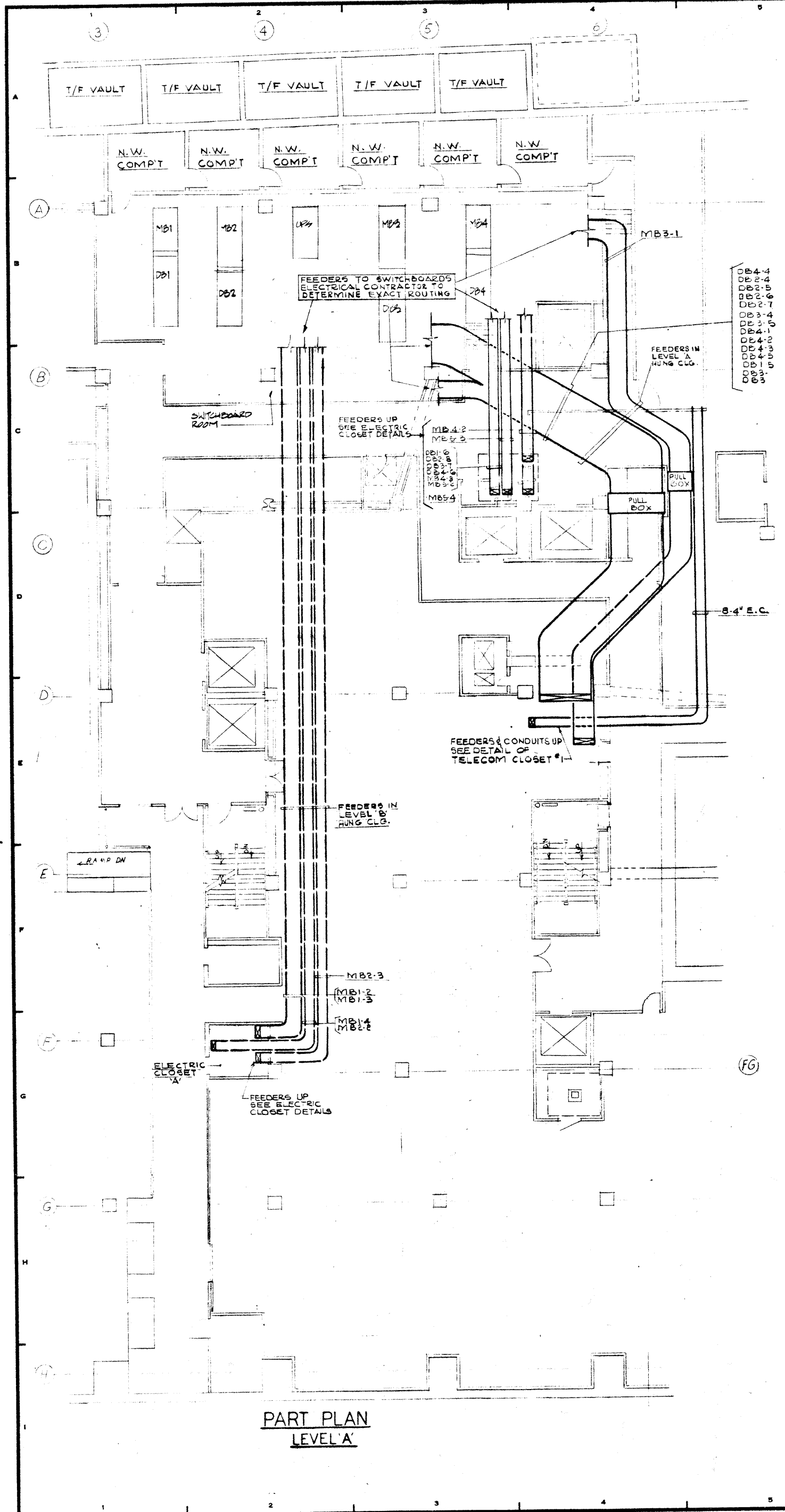


TYPICAL TELEPHONE SATELLITE CLOSET  
SCALE: 1/4" = 1'-0"

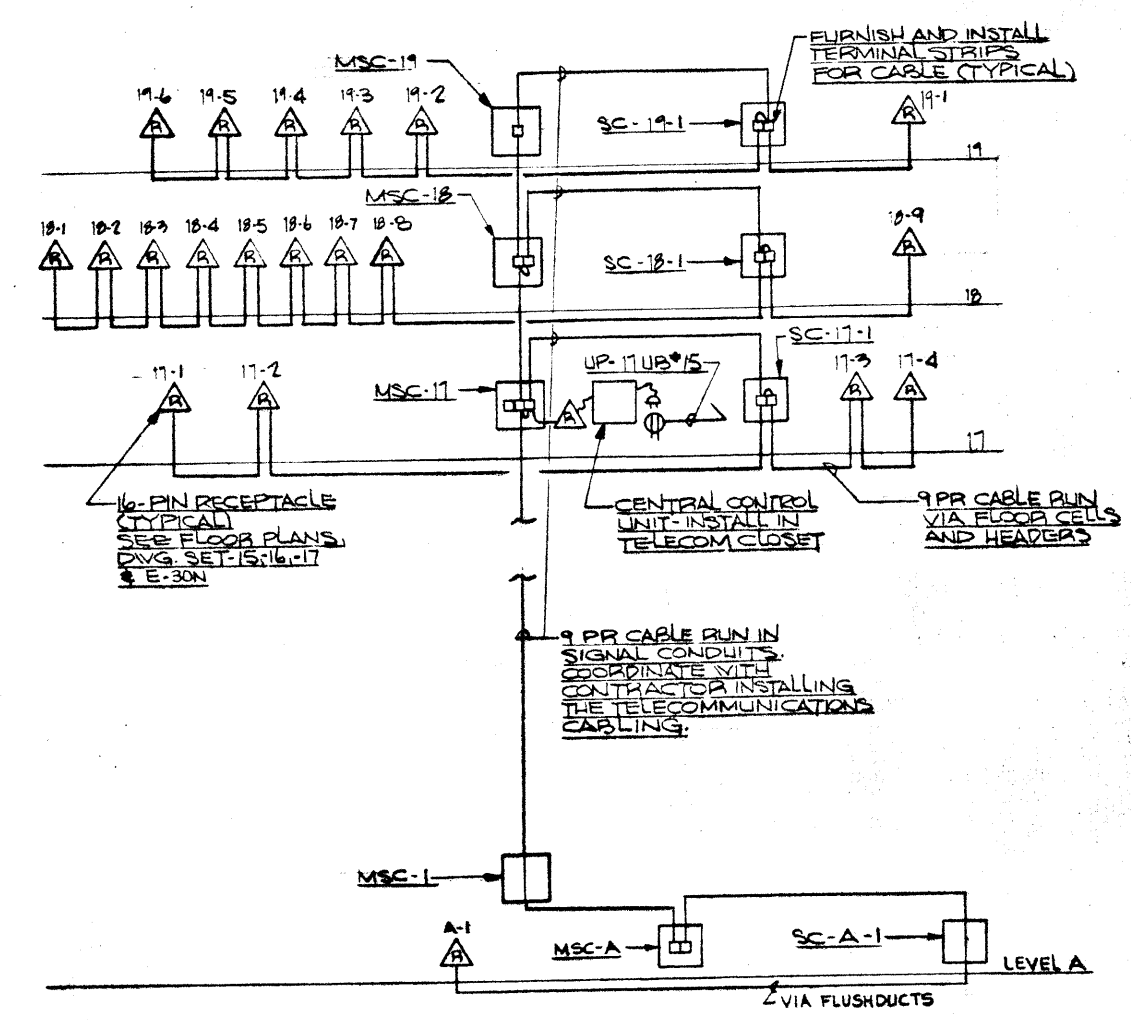
NOTE  
FOR LAYOUTS OF ELECTRIC CLOSET 'A' REFER TO LOOSE LEAF BINDER LOCATED IN 30<sup>TH</sup> FLOOR REAL ESTATE MANAGEMENT OFFICE

12-21-78	GENERAL UPDATE		
REVISIONS			
NO.	DATE	DESCRIPTION	
ISSUED TO	NO.	DATE	PKG. NO.
FRANK BIRNBERG			
PLAZA			
<b>A FISHER BROTHERS PROJECT</b>			
GREENWICH AND LIBERTY ST. N.Y. N.Y.			
<b>SHREVE, LAMB &amp; HARMON ASSOCIATES P.C. ARCHITECTS</b>			
475 PARK AVENUE SOUTH N.Y. N.Y. 10016			
<b>PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS</b>			
919 THIRD AVENUE N.Y. N.Y. 10022			
<b>THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS</b>			
515 MADISON AVENUE N.Y. N.Y. 10022			
<b>JAROS, BAUM &amp; BOLLES MECH. &amp; ELEC. ENGINEERS</b>			
345 PARK AVENUE N.Y. N.Y. 10022			

DETAIL OF ELECTRIC CLOSET 'A'	
PROJECT NUMBER	7101
DRAWING NUMBER	E-7
DATE	1-1-78
SCALE	1/2" = 1'-0"



PART PLAN  
LEVEL 'A'



RISER DIAGRAM  
'NORELCO' INTERCOMMUNICATION SYSTEM  
FOR  
CORPORATE TRUST OPERATIONS

ELEVATOR RECALL SCHEDULE  
SYSTEM RESPONSE TO SMOKE DETECTORS / SPRINKLER FLOW VALVES

ACTUATION OF SMOKE DETECTOR IN ELEV. LOBBY OR SPRINKLER WATER FLOW VALVE (FLOOR NR)	FLOORS TO WHICH ELEVATORS SHALL RETURN UPON ACTUATION OF SMOKE DETECTOR AND/OR SPRINKLER FLOW VALVE									
	ELEVATORS									
	PE.#1-5 (LOW RISE)	PE.#6-16 (MID RISE)	PE.#17-22 (HIGH RISE)	PE.#24	SE.#25,26	PE.#27	PE.#28	SE.#29	SE.#30	
40 (MECHANICAL)										
39			2	2	2	2				
38			2	2	2	2				
37			2	2	2	2				
36			2	2	2	2				
35			2	2	2	2				
34			2	2	2	2				
33			2	2	2	2				
32			2	2	2	2				
31			2	2	2	2				
30			2	2	2	2				
29			2	2	2	2				
28			2	2	2	2				
27			2	2	2	2				
26			2	2	2	2				
25			2	2	2	2				
24			2	2	2	2				
23			2	2	2	2				
22			2	2	2	2				
21			2	2	2	2				
20			2	2	2	2				
19			2	2	2	2				
18	2									
17	2									
16	2									
15	2									
14	2									
13	2									
12	2									
11	2									
10	2									
9	2									
8	2									
7	2									
6 (MECHANICAL)										
5										
4										
3										
2										
1										
MEZZANINE										
A										
B										
LOCATION OF ELEV. MACHINE ROOMS	20	31	41	41	41	ROOF	3	5	B	D
SMOKE DETECTORS IN ELEV. LOBBIES	YES	YES	YES	YES	NO	NO	NO	NO	NO	NO

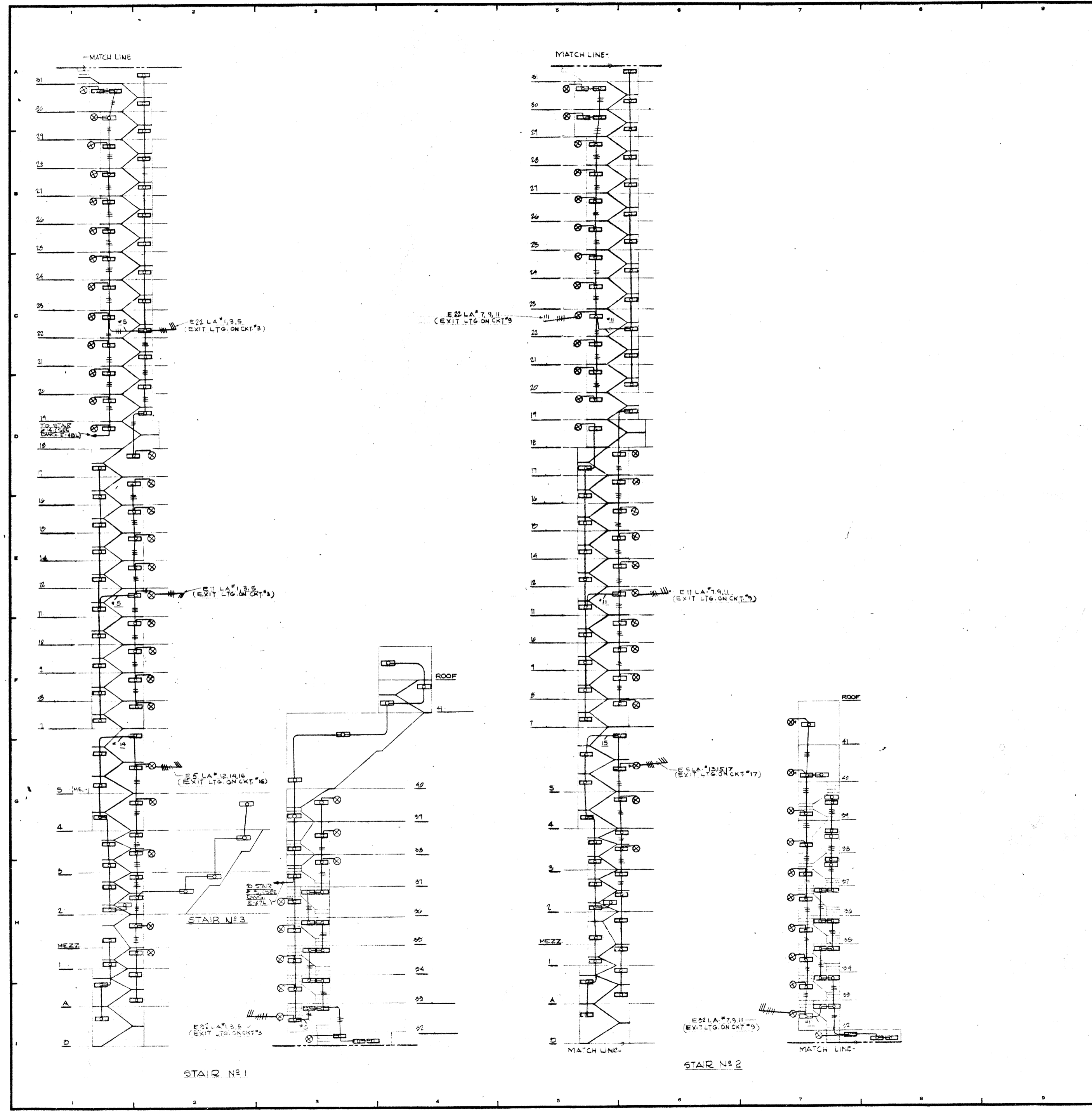
\* NO SMOKE DETECTORS IN ELEV. LOBBY ON LEVEL 'A'

12-21-79	GENERAL UPDATE		
REVISIONS			
NO.	DATE	DESCRIPTION	
ISSUED TO	NO.	DATE	PKG. NO.
<b>A FISHER BROTHERS PROJECT</b>			
GREENWICH AND LIBERTY ST. N.Y. N.Y.			
<b>SHREVE, LAMB &amp; HARMON ASSOCIATES P.C. ARCHITECTS</b>			
475 PARK AVENUE SOUTH N.Y. N.Y. 10016			
<b>PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS</b>			
919 THIRD AVENUE N.Y. N.Y. 10022			
<b>THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS</b>			
515 MADISON AVENUE N.Y. N.Y. 10022			
<b>JAROS, BAUM &amp; BOLLES MECH.&amp;ELEC. ENGINEERS</b>			
345 PARK AVENUE N.Y. N.Y. 10022			

MAIN FEEDER ROUTING & ELEVATOR RECALL SCHEDULE

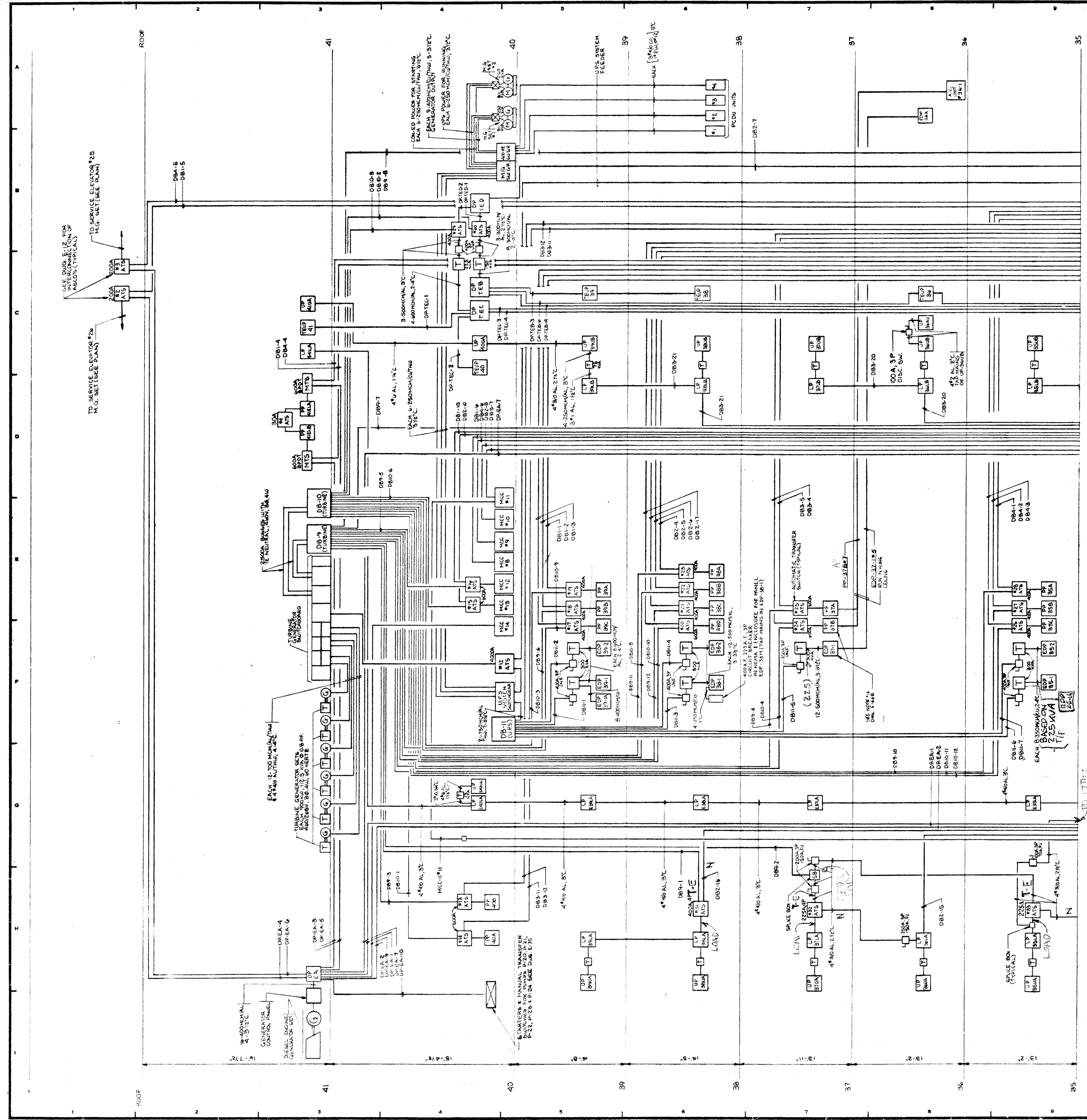
PROJECT NUMBER	7101
DRAWING NUMBER	E-6
DATE	1-1-72
SCALE	1/8"=1'-0"





12-21-78		GENERAL UPDATE	
REVISIONS			
NO.	DATE	DESCRIPTION	
ISSUED TO	NO.	DATE	PKG. NO.
FISHER BROTHERS PROJECT			
A FISHER BROTHERS PROJECT			
GREENWICH AND LIBERTY ST. N.Y. N.Y.			
SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS			
475 PARK AVENUE SOUTH N.Y. N.Y. 10016			
PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS			
919 THIRD AVENUE N.Y. N.Y. 10022			
THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS			
315 MADISON AVENUE N.Y. N.Y. 10022			
J. A. ROS, BAUM & BOLLES MECH. & ELEC. ENGINEERS			
345 PARK AVENUE N.Y. N.Y. 10022			

STAIR & EXIT RISER	
PROJECT NUMBER	7101
DRAWING NUMBER	E-4
DATE	12-21-78
SCALE	1" = 10'-0"



REVISIONS		
NO.	DATE	DESCRIPTION
1	12-21-78	GENERAL UPDATE

REVISIONS		
NO.	DATE	DESCRIPTION
1	12-21-78	GENERAL UPDATE

ISSUED TO	NO.	DATE	PKG. NO.

**BANKERS TRUST PLAZA**

**A FISHER BROTHERS PROJECT**

GREENWICH AND LIBERTY ST. N.Y. N.Y.

**SHREVE, LAMB & HARMON ASSOCIATES PC ARCHITECTS**  
475 PARK AVENUE SOUTH N.Y. N.Y. 10016

**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
919 THIRD AVENUE N.Y. N.Y. 10022

**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**  
515 MADISON AVENUE N.Y. N.Y. 10022

**JAROS, BAUM & BOLLES MICHAELIC ENGINEERS**  
345 PARK AVENUE N.Y. N.Y. 10022

**LIGHT & POWER RISER III (35th FL. THRU ROOF)**

PROJECT NUMBER  
**7101**

DRAWING NUMBER  
**E-3**

DATE  
**2-9-78**

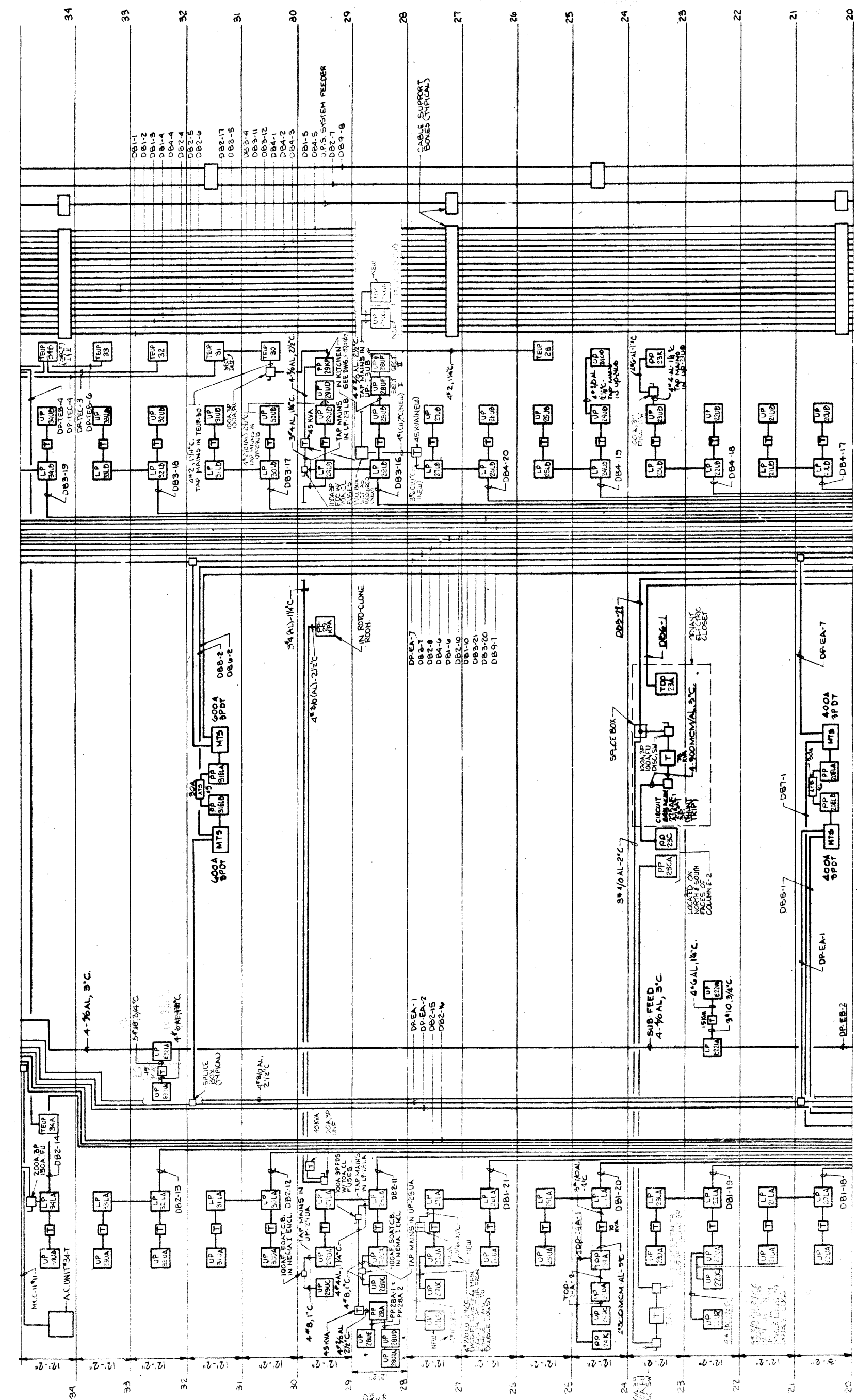
SCALE  
**NOSE**

SCHEDULE OF AUTOMATIC TRANSFER SWITCHES

ATS No	SIZE	LOCATION	SERVICE DESCRIPTION
1	400A, 4P	1ST FL	DP-EB
2	200A,	ROOF	S F #26
3	200A,	ROOF	S F #25
4	30A,	41ST FL-EMR	PP-415LA & PP-415LB (ELEV 17 THRU 24)
5	30A, 3P	31ST FL-EMR	PP-315LA & PP-315LB (ELEV 9 THRU 16)
6	30A,	20TH FL-EMR	PP-205LA & PP-205LB (ELEV 1 THRU 8)
7		5TH FL-EC	CLASS 'E' FIRE ALARM SYSTEM
8	100A,	5TH FL-EC	CONTROL & R COMP
9	22.5A, 3P	LVL 'A' MER	HOUSE C.MOS
10	60A, 3P	LVL 'B' MER	ELECTOR C.MOS
11	60A, 3P	LVL 'B' MER	SUMP P.MOS
12	4000A,	40TH FL-UPS	UPS SYSTEM SWITCHGEAR
13	600A,	40TH FL	PP-40B
14	600A,	40TH FL	PP-40A
15	600A,	40TH FL	MCC #13
16	600A,	40TH FL	MCC #2 (SEE NOTE 1)
17	400A,	39TH FL	PP-39C
18	400A,	39TH FL	PP-39B
19	400A,	39TH FL	PP-39A
20	600A,	38TH FL	PP-38D
21	400A,	38TH FL	PP-38C
22	400A,	38TH FL	PP-38B
23	400A,	38TH FL	PP-38A
24	600A,	37TH FL	PP-37B
25	600A,	37TH FL	PP-37A
26	400A,	35TH FL	PP-35C
27	400A,	35TH FL	PP-35B
28	400A,	35TH FL	PP-35A
29	400A, 3P	40TH FL	DP-TEC (VIA 225 KVA T/F)
30	400A, 3P	40TH FL	DP-FEB (VIA 50 KVA T/F)
31	400A, 4P	38TH FL	PP-38A & LP-39LA
32	22.5A, 4P	37TH FL	PP-37A
33	22.5A, 4P	35TH FL	PP-35A, PP-CV17, LP-16LA & LP-16LB
34/35	60A,	LVL 'A'	FUEL OIL P.MOS
36	60A, 3P	4TH FL	POWER PANEL PP-KD' SECTION I
37	400A, 4P	LVL 'A'	DP-TEF, DP-TEA (VIA 225 KVA T/F)
38	400A, 3P	16TH FL	DP-TEG
39	50A, 4P	16TH FL	PP-16LA
40	50A, 4P	16TH FL	LP-16LB

NOTES:

1. INSTALL COMPLETE A VARIABLE WINDOW IN-PHASE MONITOR. THE VARIABLE WINDOW IN-PHASE MONITOR SHALL INHIBIT TRANSFER/RETRANSFER UNTIL THE RELATIVE PHASE ANGLE BETWEEN THE TWO LIVE SOURCES IS (+) OR (-) ELECTRICAL DEGREES WITH A FREQUENCY DIFFERENCE RANGE OF (+) OR (-) ONE HERTZ. THIS WILL AVOID EXCESSIVE INRUSH CURRENTS ON TRANSFERS. THE MONITOR SHALL BE COMPLETELY CONTAINED WITHIN THE TRANSFER SWITCH AND NOT REQUIRE ANY CONTROL WIRING TO THE GENERATOR GOVERNOR. THE MONITOR SHALL BE BY-PASSED IF THE LOAD CARRYING SOURCE FAILS AND THE ALTERNATE SOURCE IS AVAILABLE. ASCO ACCESSORY NO 27 OR AS APPROVED.



REVISIONS			
NO.	DATE	DESCRIPTION	PKG. NO.
12-21-78		GENERAL UPDATE	

**BANKERS TRUST PLAZA**

**A FISHER BROTHERS PROJECT**

GREENWICH AND LIBERTY ST. N.Y. N.Y.

**SHREVE, LAMB & HARMON ASSOCIATES P.C. ARCHITECTS**  
475 PARK AVENUE SOUTH N.Y. N.Y. 10016

**PETERSON AND BRICKBAUER ASSOCIATED ARCHITECTS**  
919 THIRD AVENUE N.Y. N.Y. 10022

**THE OFFICE OF JAMES RUDERMAN STRUCTURAL ENGINEERS**  
515 MADISON AVENUE N.Y. N.Y. 10022

**JAROS, BAUM & BOLLES MECHANICAL ENGINEERS**  
345 PARK AVENUE N.Y. N.Y. 10022

**LIGHT & POWER RISER II**  
(20TH FL. THRU 34TH FL.)

PROJECT NUMBER  
**7101**

DRAWING NUMBER  
**E-2**

DATE  
1-1-79

SCALE