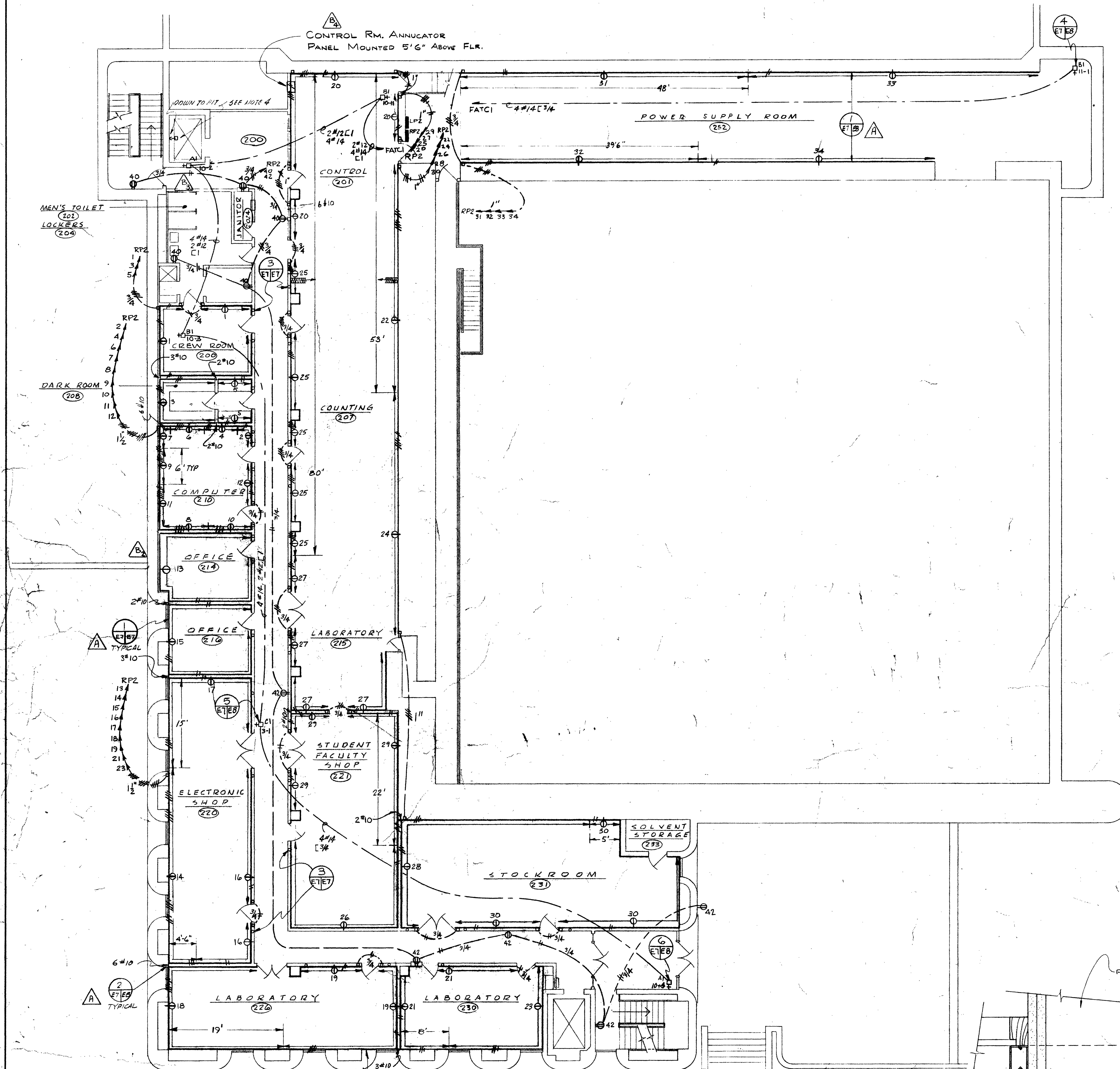




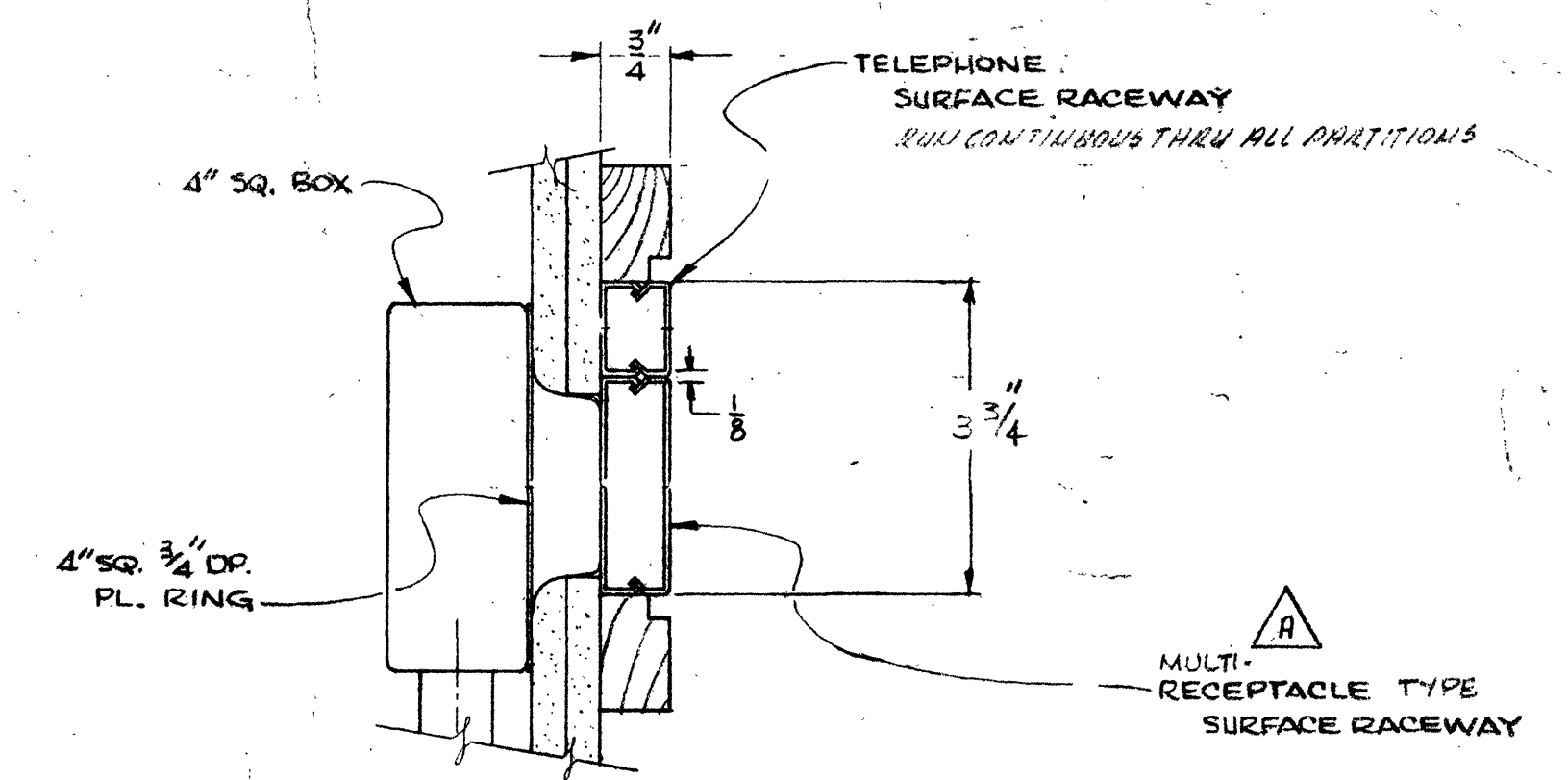
SCHEDULE FOR RP2

LOCATION - LEVEL 2 LOBBY
MOUNTING - SURFACE
ENCLOSURE - NEMA I
TYPE - NALB
SERVICE - 120V/208V-3Ø-4WIRE

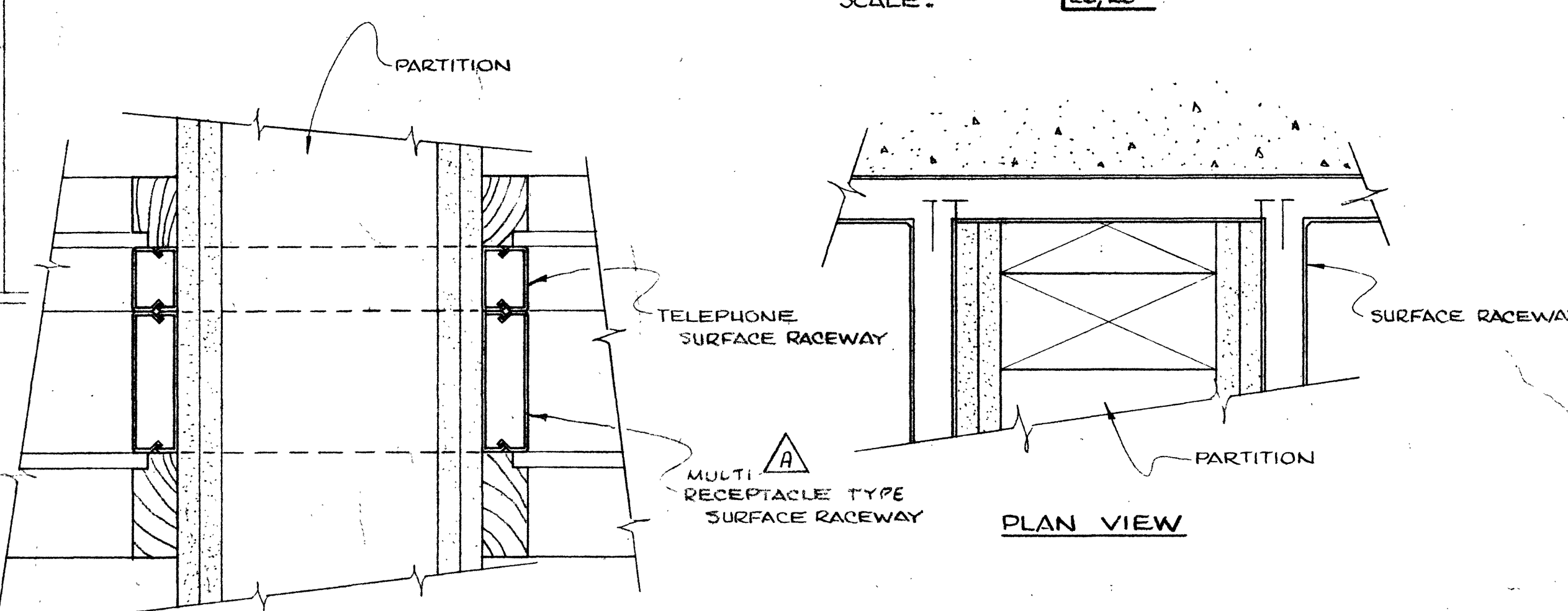
SUPPLY - 4#300 MCM THW
MAIN - LA/400/300/3600 CIRCUIT BREAKER
NEUTRAL BAR - TOP
BUSHING - 400A

CIRCUIT BREAKER	CIRCUIT BREAKER			SERVICE
	TRIP	FRAME	POLE	
1	20	EA	1	CREW ROOM
2	5		1	COMPUTER ROOM
3	20		1	DARK ROOM
4	5		1	COMPUTER ROOM
5	20		1	DARK ROOM ENTRY
6	5		1	COMPUTER ROOM
7	20		1	COMPUTER ROOM
8			1	COMPUTER ROOM
9			1	COMPUTER ROOM
10			1	COMPUTER ROOM
11			1	COMPUTER ROOM
12			1	COMPUTER ROOM
13			1	OFFICE
14			1	ELECTRONIC SHOP
15			1	OFFICE
16			1	ELECTRONIC SHOP
17			1	ELECTRONIC SHOP
18			1	LABORATORY
19			1	LABORATORY
20			1	CONTROL ROOM
21			1	LABORATORY
22			1	CONTROL ROOM
23			1	LABORATORY
24			1	CONTROL ROOM
25			1	CONTROL ROOM
26			1	STUDENT FACULTY SHOP
27			1	CONTROL ROOM
28			1	STOCK ROOM
29			1	STUDENT FACULTY SHOP
30			1	STOCK ROOM
31			1	POWER SUPPLY ROOM
32			1	POWER SUPPLY ROOM
33			1	POWER SUPPLY ROOM
34			1	POWER SUPPLY ROOM
35			1	SPARE
36			1	SPARE
37			1	SPARE
38			1	SPARE
39			1	SPARE
40			1	MEN, STAIRS, CREW ROOM, HALL
41			1	SPARE
42			1	HALL

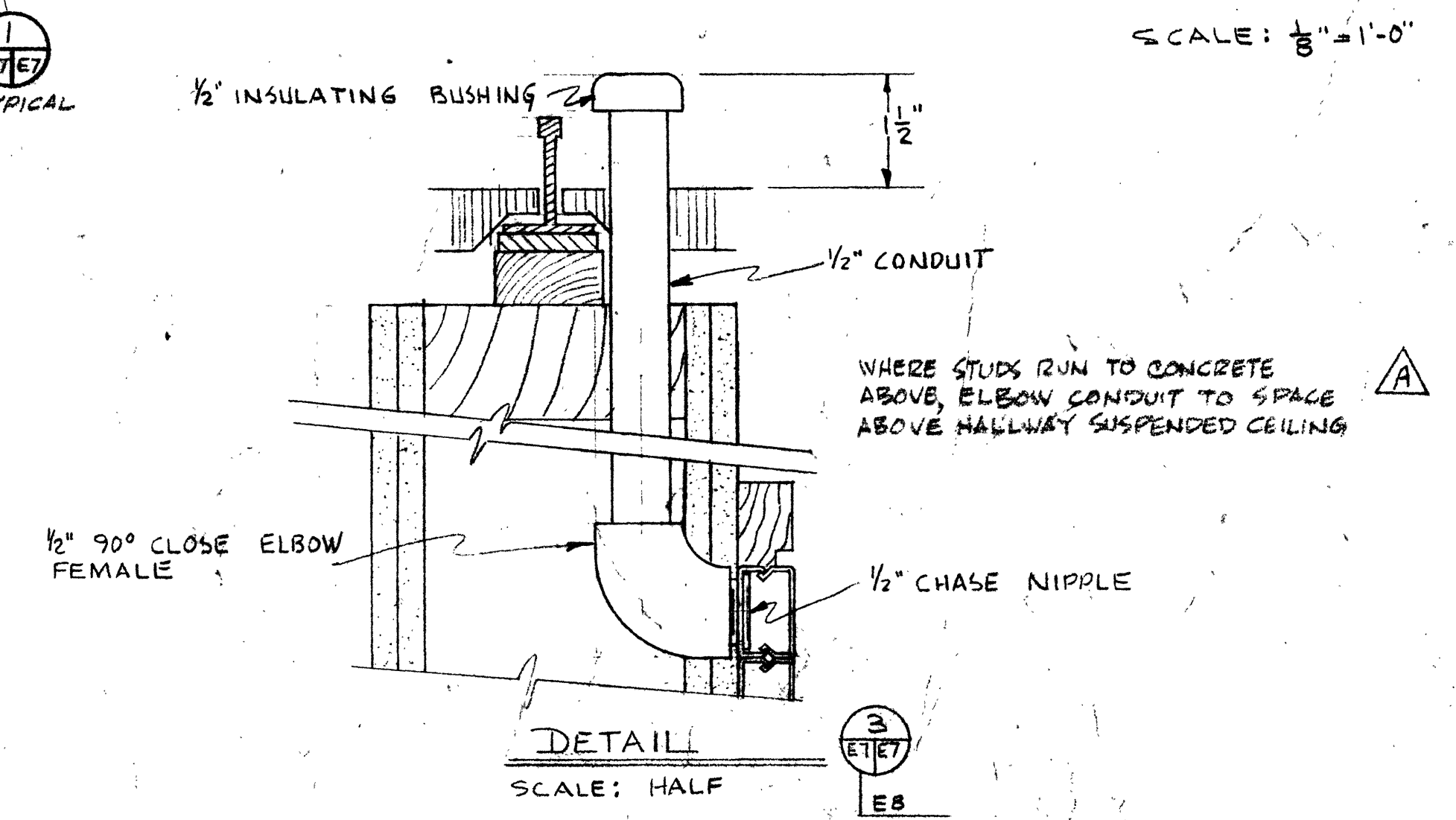
- NOTES:
1. ALL CONDUCTORS ARE #10 THW, EXCEPT AS SHOWN OTHERWISE.
 2. ALL RACEWAYS ARE MULTI-RECEPTACLE TYPE SURFACE RACEWAYS PER DETAIL (E7E7) EXCEPT AS SHOWN OTHERWISE.
 3. STUB UP INTO SUSPENDED CEILING AREA FROM PANEL RP2, 4-1" EMPTY CONDUITS FOR FUTURE USE.
 4. MOUNT OUTLET BOX AT MIDPOINT OF ELEVATOR TRAVEL & TERMINATE WIRING FOR FUTURE CONNECTION OF ELEVATOR CAR LIGHTING BY OTHERS.
 5. REFER TO DWG E9 FOR RECEPTABLES, TELEPHONE & FIRE ALARM MOUNTING HEIGHT SCHEDULE.



OFFICE & LABORATORY SURFACE RACEWAY
DETAIL (E7E7)
SCALE: 1/8" = 1'-0"



RACEWAY THRU PARTITION
TYPICAL
DETAIL (E7E7)
SCALE: HALF



DETAIL (E7E7)
SCALE: HALF

AG-BUILT CORRECTIONS

NO.	DESCRIPTION	DATE
1	RP2 CHG. FROM MOUNTING - FLUSH	11-19-68
2	CHG. CONDUCTOR COUNT	11-19-68
3	MOVED RP2, LP2 FROM RM. 200	11-19-68
4	LOCATED ANNUNCIATOR RM. 201	11-19-68
5	RELOCATED ELEV. LIGHTING FUNCTION BOXES TO EQUIP. RM. DELETED NOTE & 6) CHG. RP2 MAIN BUS FROM 225A	11-19-68

IO GEV CORNELL
SYNCHROTRON LABORATORY
CORNELL UNIVERSITY
ITHACA, NEW YORK

RECEPTABLES - SIGNALS
BUILDING - LEVEL 2
PLAN - DETAILS

WILLIAM M. BROBECK AND ASSOCIATES
IAN MACKINLAY, AIA ARCHITECT
PREGNOFF & MATHEU STRUCTURAL ENGR.
JACOBS ASSOCIATES CONSTRUCTION ENGR.
190 GILMAN ST. BERKELEY, CALIF. 94710
TELEPHONE 415 - 524 - 8666

DR. CUTAIA	CHK. R. CUTAIA	SUPV. R. CUTAIA	SCALE AS SHOWN
RELEASED	APPROVED	LAB. NUCLEAR STUDIES	SHEET 81 OF 102
DATE JAN. 15, 1969			DRAWING NO. E7
DATE JAN. 15, 1969			WMB & A NO. 111-3