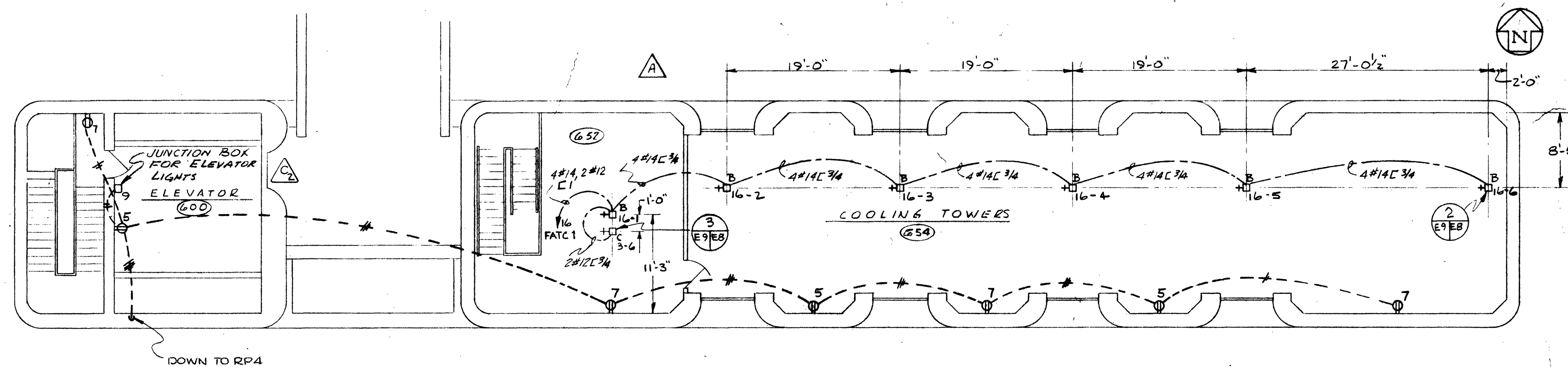
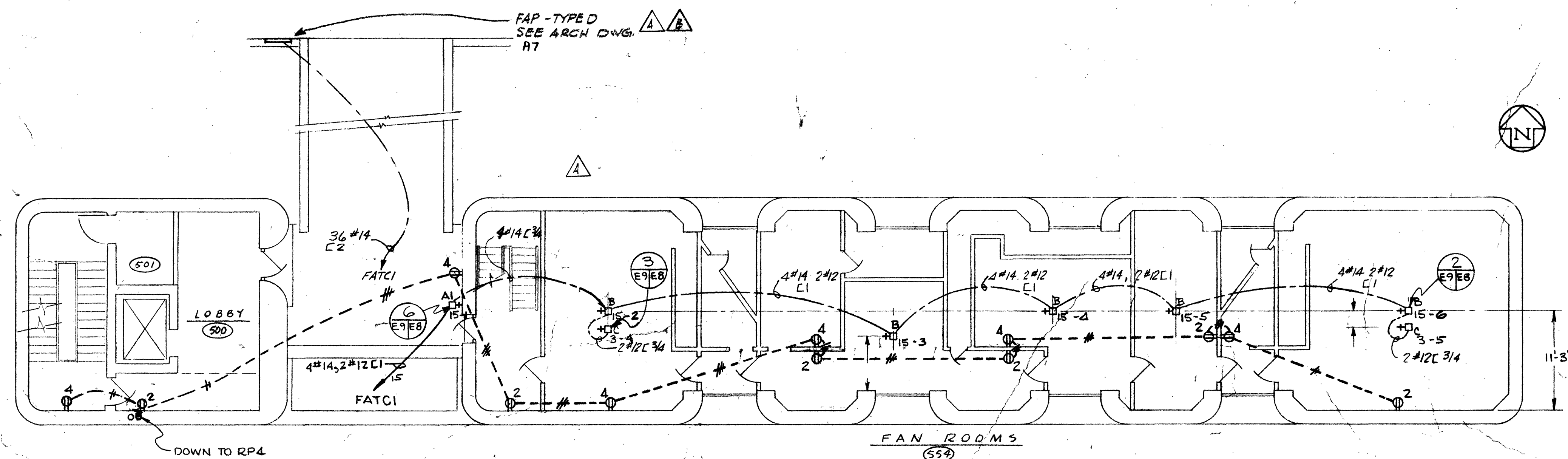
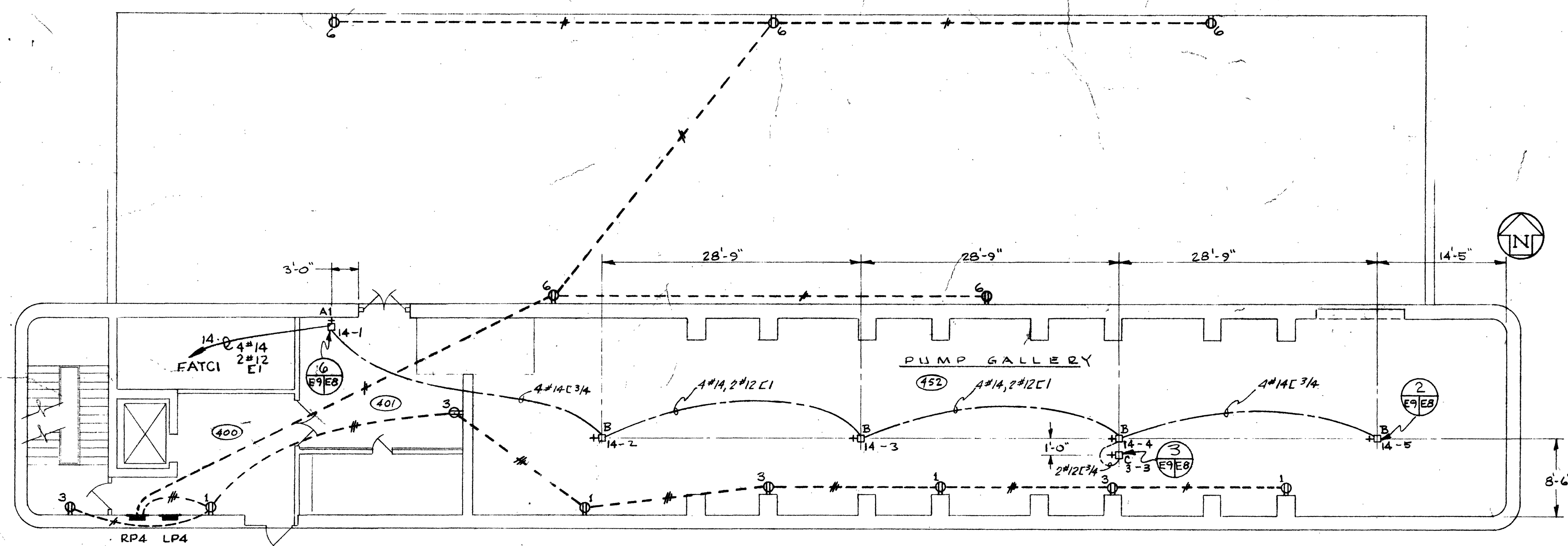




PLAN VIEW  
LEVEL 6  
SCALE:  $\frac{1}{8}'' = 1'-0''$



PLAN VIEW  
LEVEL 5  
SCALE:  $\frac{1}{8}'' = 1'-0''$



PLAN VIEW  
LEVEL 4  
SCALE:  $\frac{1}{8}'' = 1'-0''$

| SCHEDULE FOR RP4             |      |                                      |                           |
|------------------------------|------|--------------------------------------|---------------------------|
| LOCATION - LEVEL 4 LOBBY     |      | SUPPLY - 4*4 THW                     |                           |
| MOUNTING - FLUSH             |      | MAINS - EH/100/80/60 CIRCUIT BREAKER |                           |
| ENCLOSURE - NEMA 1           |      | NEUTRAL BAR - TOP                    |                           |
| TYPE - NA1B                  |      | BUSSING - 100A                       |                           |
| SERVICE - 120V/208V-3P-4WIRE |      |                                      |                           |
| CKT                          | TRIP | FRAME                                | SERVICE                   |
| 1                            | 20   | EA                                   | 120V RECEPTACLE - LEVEL 4 |
| 2                            |      |                                      | 120V RECEPTACLE - LEVEL 5 |
| 3                            |      |                                      | 120V RECEPTACLE - LEVEL 4 |
| 4                            |      |                                      | 120V RECEPTACLE - LEVEL 5 |
| 5                            |      |                                      | 120V RECEPTACLE - LEVEL 6 |
| 6                            |      |                                      | 120V RECEPTACLE - LEVEL 4 |
| 7                            |      |                                      | 120V RECEPTACLE - LEVEL 6 |
| 8                            |      |                                      | FCIM1                     |
| 9                            |      |                                      | ELEVATOR LIGHTS           |
| 10                           |      |                                      | A/C CONTROL PANEL LEVEL 4 |
| 11                           |      |                                      | SYNCH COOL. CONTROL PANEL |
| 12                           |      |                                      | SPACE                     |

| MOUNTING HEIGHT SCHEDULE |             |        |           |        |            |           |  |
|--------------------------|-------------|--------|-----------|--------|------------|-----------|--|
| ROOM NO. AND NAME        | RECEPTACLES |        | TELEPHONE |        | FIRE ALARM |           |  |
|                          | TYPE        | HEIGHT | TYPE      | HEIGHT | TYPE       | HEIGHT    |  |
| 101 CROSSCONNECT         | SR          | D      |           |        | B & C      | DT. 2-EB  |  |
| 102 STAIRWAY N# 1        | DU          | C      |           |        |            |           |  |
| 110 WEST FLARE           | SR          | C      |           |        | B & C      | DT. 12-EB |  |
| 118 SYNCHROTRON SUPPORT  | SR          | D      |           |        | B & C      | DT. 2-EB  |  |
| 120 TECH AREA            | SR          | D      |           |        | B          | DT. 2-EB  |  |
| 128 OFFICE               | SR          | A      | SR        | B      |            |           |  |
| 130 MEN'S                | DU          | 40"    |           |        |            |           |  |
| 135 SHOP AREA            | DU          | C      |           |        | C          | DT. 3-EB  |  |
| 138 STAIRWAY N# 2        | DU          | C      |           |        |            |           |  |
| 141 STAGING AREA         | SR          | D      |           |        | B          | DT. 2-EB  |  |
| 150 SYNCHROTRON HALL     | SR          | D      |           |        | A1         | 48"       |  |
| 152 LINAC HALL           | SR          | D      |           |        | B & C      | DT. 2-EB  |  |
| 153 EAST FLARE           |             |        |           |        | B & C      | DT. 12-EB |  |
| 200 HALL                 | DU          | C      |           |        | A1         | 48"       |  |
| 201 CONTROL              | SR          | F      | SR        | G      | B1         | DT. 4-EB  |  |
| 202 MEN'S                | DU          | 40"    |           |        |            |           |  |
| 204 LOCKER               | DU          | C      |           |        |            |           |  |
| 206 CREW                 | SR          | A      | SR        | B      | B1         | DT. 4-EB  |  |
| 207 COUNTING             | SR          | F      | SR        | G      |            |           |  |
| 208 DARK                 | SR          | 48"    | SR        | 49"    |            |           |  |
| 210 COMPUTER             | SR          | A      | SR        | B      |            |           |  |
| 214 OFFICE               | SR          | A      | SR        | B      |            |           |  |
| 215 LABORATORY           | SR          | F      | SR        | G      |            |           |  |
| 216 OFFICE               | SR          | A      | SR        | B      |            |           |  |
| 220 ELECTRONICS          | SR          | A      | SR        | B      |            |           |  |
| 221 STUDENT-FACULTY      | SR          | F      | SR        | G      |            |           |  |
| 226 LABORATORY           | SR          | A      | SR        | B      |            |           |  |
| 230 LABORATORY           | SR          | A      | SR        | B      |            |           |  |
| 231 STOCK ROOM           | SR          | F      | SR        | G      |            |           |  |
| 252 POWER SUPPLY         | SR          | E      |           |        | B1         | DT. 4-EB  |  |
| TEERRACE                 | DU          | C      |           |        |            |           |  |
| 300 HALL                 | DU          | C      |           |        | A1         | 48"       |  |
| 301 CONFERENCE           | SR          | A      | SR        | B      | B1         | DT. 4-EB  |  |
| 304 ASSOC. DIRECTOR      | SR          | A      | SR        | B      |            |           |  |
| 305 SECRETARIES          | SR          | A      | SR        | B      |            |           |  |
| 307 ADMIN. ASS'T         | SR          | A      | SR        | B      |            |           |  |
| 308 COMMONS              | SR          | A      | SR        | B      |            |           |  |
| 309 LABORATORY           | SR          | F      | SR        | G      |            |           |  |
| 310 GALLERY              | SR          | 42'    |           |        |            |           |  |
| 312 OFFICE               | SR          | A      | SR        | B      |            |           |  |
| 313 LABORATORY           | SR          | F      | SR        | G      |            |           |  |
| 314 OFFICE               | SR          | A      | SR        | B      |            |           |  |
| 315 LABORATORY           | SR          | F      | SR        | G      |            |           |  |
| 316 OFFICE               | SR          | A      | SR        | B      |            |           |  |
| 317 LABORATORY           | SR          | F      | SR        | G      |            |           |  |
| 318 OFFICE               | SR          | A      | SR        | B      |            |           |  |
| 320 OFFICE               | SR          | A      | SR        | B      |            |           |  |
| 321 LABORATORY           | SR          | F      | SR        | G      |            |           |  |
| 322 OFFICE               | SR          | A      | SR        | B      |            |           |  |
| 326 LABORATORY           | SR          | A      | SR        | B      |            |           |  |
| 330 WOMEN'S              | DU          | 38"    |           |        |            |           |  |
| 332 LOUNGE               | DU          | C      |           |        |            |           |  |
| 334 JANITOR              | DU          | E      |           |        |            |           |  |
| 335 LABORATORY           | SR          | F      | SR        | G      |            |           |  |
| 352 ELECTRICAL EQUIPMENT | SR          | E      |           |        | B & C      | DT. 3-EB  |  |
| TEERRACE                 | DU          | C      |           |        |            |           |  |
| 400 LOBBY                | DU          | C      |           |        |            |           |  |
| 401 LOBBY                | DU          | C      |           |        | A1         | 48"       |  |
| TRANSFORMER YARD         | DU          | E      |           |        |            |           |  |
| 452 PUMP GALLERY         | DU          | C      |           |        | B & C      | DT. 2-EB  |  |
| 500 LOBBY                | DU          | C      |           |        |            |           |  |
| ENTRANCE                 | DU          | C      |           |        | A1         | 48"       |  |
| 554 FAN ROOMS            | DU          | C      |           |        | B & C      | DT. 2-EB  |  |
| 600 ELEVATOR             | DU          | C      |           |        |            |           |  |
| 652                      | DU          | C      |           |        | B & C      | DT. 2-EB  |  |
| 654 COOLING TOWERS       | DU          | C      |           |        | B & C      | DT. 2-EB  |  |

- NOTES:
1. ALL CONDUCTORS ARE #10THW EXCEPT AS SHOWN OTHERWISE.
  2. ALL RACEWAYS ARE  $\frac{3}{4}$ " EXCEPT AS SHOWN OTHERWISE.
  3. PROVIDE TELEPHONE OUTLETS TO TELEPHONE SURFACE RACEWAY; ONE PER OFFICE EXCEPT TWO OUTLETS IN ROOM 201 & 305. LOCATE CONNECTIONS AS DIRECTED BY OWNER.

SR = SURFACE RACEWAY  
DU = DUPLEX OUTLETS  
DT = DETAIL  
A = SEE DETAIL 2  
B = SEE DETAIL 2  
C = 18"  
D = 48"  
E = 36"  
F = SEE DETAIL 25  
G = SEE DETAIL 25

RECEPT 'A' & TELE 'B'  $\Delta$   
RECEPT 'A' & TELE 'B'  $\Delta$   
RECEPT 'A' & TELE 'B'  $\Delta$

| NO. | REVISIONS                  | DATE     | CHKD | APPD |
|-----|----------------------------|----------|------|------|
| 1   | AS-BUILT CORRECTIONS       | 11-20-68 |      |      |
| 2   | 1) CHG CONDUCTOR COUNT     |          |      |      |
| 3   | 2) ADDED JUNG. BOX RM. 600 |          |      |      |
| 4   | RELOCATED FROM E7          | 5-22-69  |      |      |
| 5   | SEE ADDENDUM 2             | 6-11-69  |      |      |
| 6   | SEE ADDENDUM 1             | 1-2-69   |      |      |

IO GEV CORNELL  
SYNCHROTRON LABORATORY  
CORNELL UNIVERSITY  
ITHACA NEW YORK

RECEPTACLES SIGNALS  
BUILDING - LEVELS 4, 5, & 6  
PLANS - DETAILS

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

| DR.               | CHK.                | SUPV. | SCALE    |
|-------------------|---------------------|-------|----------|
| HENRY             | OK                  | OK    | AS SHOWN |
| RELEASED          | APPROVED            |       |          |
| T.H. Davis        | LAB NUCLEAR STUDIES |       |          |
| DATE MAY 15, 1968 | DATE JAN 15, 1966   |       |          |
| 83                | 102                 |       |          |
| DRAWING NO.       |                     |       |          |
| WMB               |                     |       |          |
| DATE MAY 15, 1968 | DATE JAN 15, 1966   |       |          |
| 83                | 102                 |       |          |
| DRAWING NO.       |                     |       |          |