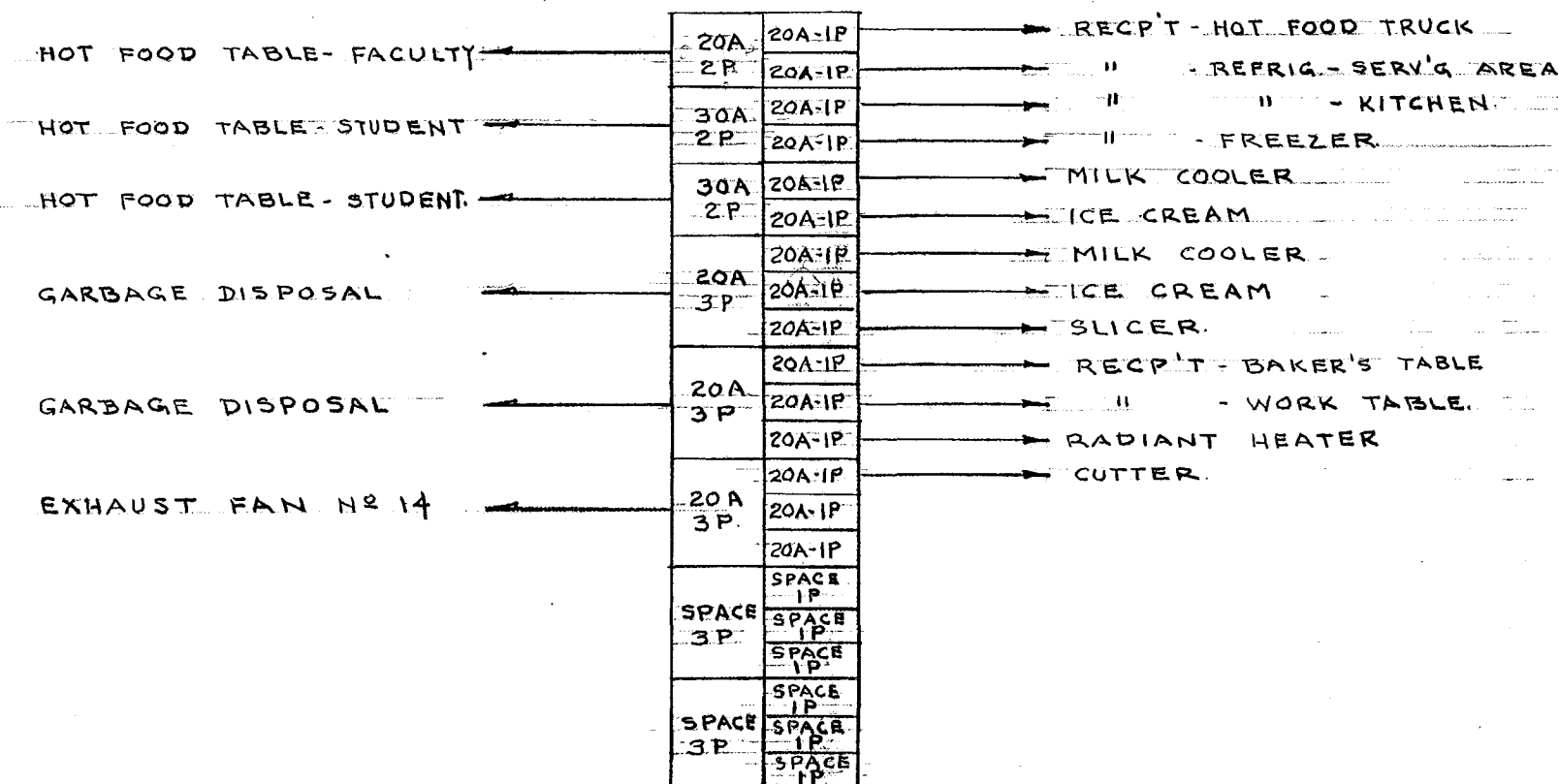


| FIXTURE SCHEDULE |                                |                          |                                            |
|------------------|--------------------------------|--------------------------|--------------------------------------------|
| TYPE             | MANUFACTURER & CATALOG NO.     | LAMPS                    | REMARKS                                    |
| A                | SEE SPEC.                      | FOUR F40 CW              | STEM MTD UP 9'-6" EXCEPT WHERE NOTED.      |
| A1               | SEE SPEC.                      | TWO F40 CW               | " " " " " " " "                            |
| A2               | SEE SPEC.                      | FOUR F40 CW              | " " " " " " " "                            |
| B                | LITHONIA #29240 RH.            | TWO F40 CW               | RECESSED.                                  |
| C                | LITHONIA #BTCC140 RH           | TWO F40 CW               | CEILING MTD                                |
| C1               | " # BTCC140 RH                 | TWO F40 CW               | STEM MTD UP 9'-6"                          |
| C2               | " # CC140 RH                   | ONE F40 CW               | CEILING MTD                                |
| C3               | " # CC140 RH                   | ONE F40 CW               | STEM MTD UP 9'-6"                          |
| D                | DAYBRITE #R41452-CO W/2#7954-4 | FOUR F40 CW              | STEM MTD 8" STEMS                          |
| E                | EXISTING.                      | NOTE-1                   | REPLACE ALL EXISTING LAMPS WITH NEW LAMPS  |
| E1               | DUAL-LITE #EXT-125N            | NOTE-1                   | WALL MTD                                   |
| E2               | " #EXT-DF                      | NOTE-1 & 1-15CP & 2-21CP | WALL MTD                                   |
| E3               | " #EXT-DFRL                    | NOTE-1 & 1-15CP & 2-21CP | STEM MTD UP 8'-0"                          |
| E4               | " #EXT-125                     | NOTE-1 & 1-15CP & 2-21CP | STEM MTD UP 8'-0"                          |
| E5               | " #EXT-DFN                     | NOTE-1                   | STEM MTD UP 8'-0"                          |
| E6               | " #EXT-127 RLN                 | NOTE-1                   | STEM MTD UP 8'-0"                          |
| E7               | " #EXT-125N                    | NOTE-1                   | STEM MTD UP 8'-0"                          |
| E8               | " #EXT-125WG                   | NOTE-1 & 3-15CP          | WALL MTD UP 8'-0"                          |
| E9               | " #EXT-127 RL                  | NOTE-1 & 1-15CP & 2-21CP | STEM MTD UP 8'-0"                          |
| E10              | " #EXT-125                     | NOTE-1 & 1-15CP & 2-50CP | WALL MTD UP 8'-0"                          |
| F                | MARLOU #MU-240-RS              | TWO F40 CW               | STEM MTD UP 9'-6"                          |
| G                | PRESCOLITE #7810               | TWO 60W I.F.             | CEILING MTD                                |
| H                | H&H #829                       | ONE 100W I.F.            | BOX MTD                                    |
| J                | DAYBRITE #45242-B              | FOUR F40 CW              | WALL MTD UP 8'-6"                          |
| J1               | " #45242-4                     | TWO F40 CW               | WALL MTD UP 8'-6"                          |
| K                | M'PHILBEN #43-44VT             | ONE 100W I.F.            | BOX MTD                                    |
| L                | HOLOPHNE #U-488-120-CG         | ONE H37-5KC/C (250W)     | WALL MTD. 208V BALLAST                     |
| N                | WIDE-LITE #F-1000-AWB          | ONE H36-15GW/C (1000W)   | WALL MTD. 208V BALLAST                     |
| P                | HOLOPHNE #684                  | ONE 300W I.F.            | STEM MTD - SAME HEIGHT AS EXISTING         |
| Q                | EXISTING - TO REMAIN.          | ONE 300W & ONE 1000W     | REPLACE EXISTING REFLECTOR & BROKEN GLASS. |
| R                | " " "                          | ONE 100W I.F.            | " " " " " " " "                            |
| S                | M'PHILBEN #43-44VT             | ONE 100W I.F.            | WALL MTD OVER DOOR.                        |
| T                | CROUSE-HINDS #VJ2159           | ONE 100W I.F.            | MTD INSIDE KITCHEN HOOD                    |
| X                | DUAL-LITE #EXT-124S            | 2-15 CP                  | SURFACE                                    |
| X0               | DUAL-LITE #EXT-124 R.          | 2-15 CP                  | RECESSED.                                  |
| X1               | DUAL-LITE #EXT-05              | 2-21 CP                  | BOX MTD                                    |
| X2               | EXISTING                       | PROVIDE NEW LAMPS.       | " " " " " " " "                            |

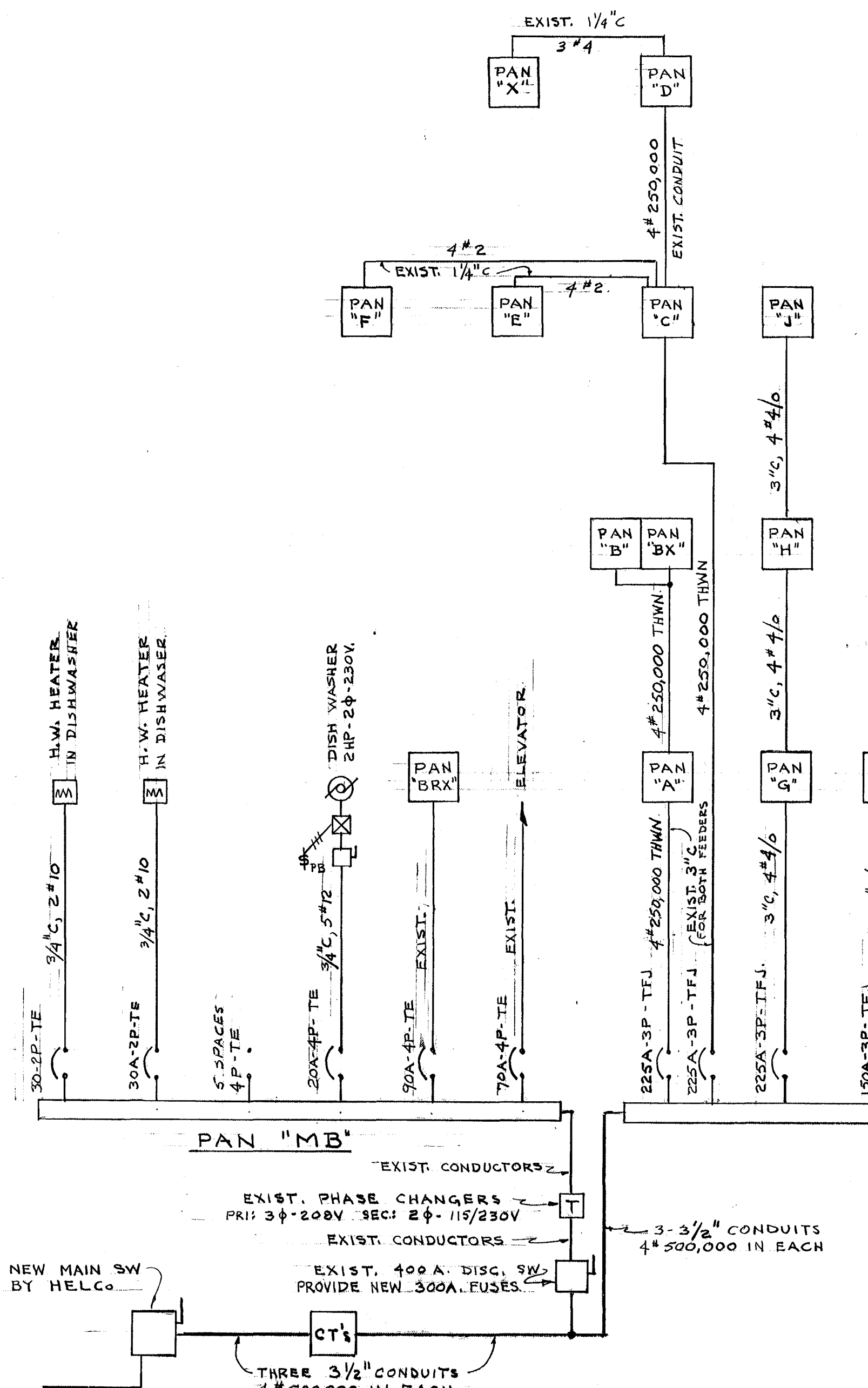
NOTES:  
1. PROVIDE TWO 50WATT-230VOLT LAMPS.  
2. NEW EXIST. SIGNS TO MATCH EXIST.  
3. ALL STEM MOUNTED FIXTURES TO BE SUPPORTED WITH SWIVEL AT TOP.  
4. STEMS AND CANOPIES TO BE OF SAME MANUFACTURER AS FIXTURES.  
5. BALLASTS TO BE ETL-CBM.  
6. MOUNTING HEIGHTS MAY VARY PLUS OR MINUS 3 INCHES TO AVOID PIPES OR OBSTRUCTIONS. THIS VARIATION SHALL BE PROVIDED AT NO ADDITIONAL COST TO THE CITY.

| SYMBOL LIST |                                                               |        |                                             |
|-------------|---------------------------------------------------------------|--------|---------------------------------------------|
| SYMBOL      | DESCRIPTION                                                   | SYMBOL | DESCRIPTION                                 |
|             | FLUORESCENT FIXTURE                                           |        | MOTOR SEE NOTE-1                            |
|             | RECESSED FLUORESCENT FIXTURE                                  |        | MAGNETIC STARTER SEE NOTE-2                 |
|             | CEILING LIGHT OR OUTLET                                       |        | FUSED DISCONNECT UP 5'-0"                   |
|             | WALL BRACKET                                                  |        | MANUAL MOTOR STARTER W/PILOT LT. SEE NOTE 2 |
|             | EXIT LIGHT                                                    |        | PRESSURE SW. SEE NOTE 1.                    |
|             | EMERGENCY LIGHT                                               |        | PUSH BUTTON STATION UP 4'-6" SEE NOTE 2     |
|             | DUPLEX CONV. OUTLET H&H #5262 UP 18"                          |        | AQUASTAT - SEE NOTE 1                       |
|             | RECEPT & PILOT LT. H&H #5348 W/5354-C PLATE                   |        |                                             |
|             | CLEANING RECEPTACLE H&H #5292 UP 18"                          |        |                                             |
|             | 50A. KILN RECEPTACLE H&H #7985 W/9302-C UP 18"                |        |                                             |
|             | SURFACE MTD RANGE RECEPT. H&H #7985 W/9302-C UP 18"           |        |                                             |
|             | RECESSED RANGE RECEPT. H&H #7985 W/9302-C UP 18"              |        |                                             |
|             | FLOOR OUTLET SEE DETAIL SHEET "E-2"                           |        |                                             |
|             | SINGLE POLE SW. H&H #1991 UP 4'-0"                            |        |                                             |
|             | TWO POLE SW. H&H #1992 UP 4'-0"                               |        |                                             |
|             | THREE-WAY SW. H&H #1993 UP 4'-0"                              |        |                                             |
|             | FOUR-WAY SW. H&H #1994 UP 4'-0"                               |        |                                             |
|             | SINGLE POLE SW & PILOT LT. H&H #1991 & 1720 (2 GANG) UP 4'-0" |        |                                             |
|             | KEYED SW. H&H #1191 W/1189 PLATE UP 4'-0"                     |        |                                             |
|             | REMOTE CONTROL SW FOR CONTRACTOR, SEE SPEC. UP 4'-0"          |        |                                             |
|             | OIL BURNER EMERG. SW. DPST H&H #1582 UP 5'-0"                 |        |                                             |
|             | JUNCTION BOX                                                  |        |                                             |
|             | LIGHTING PANELBOARD                                           |        |                                             |
|             | POWER PANELBOARD                                              |        |                                             |

NOTES:  
1. FURNISHED AND INSTALLED BY OTHERS; WIRED BY THIS ELECTRICAL CONTRACTOR EXCEPT AS NOTED.  
2. FURNISHED BY OTHERS; INSTALLED AND WIRED BY THIS ELECTRICAL CONTRACTOR EXCEPT AS NOTED.  
3. FOR NEW LOCATIONS PROVIDE 4" SQUARE FLUSH BOX W/PLASTER RING.

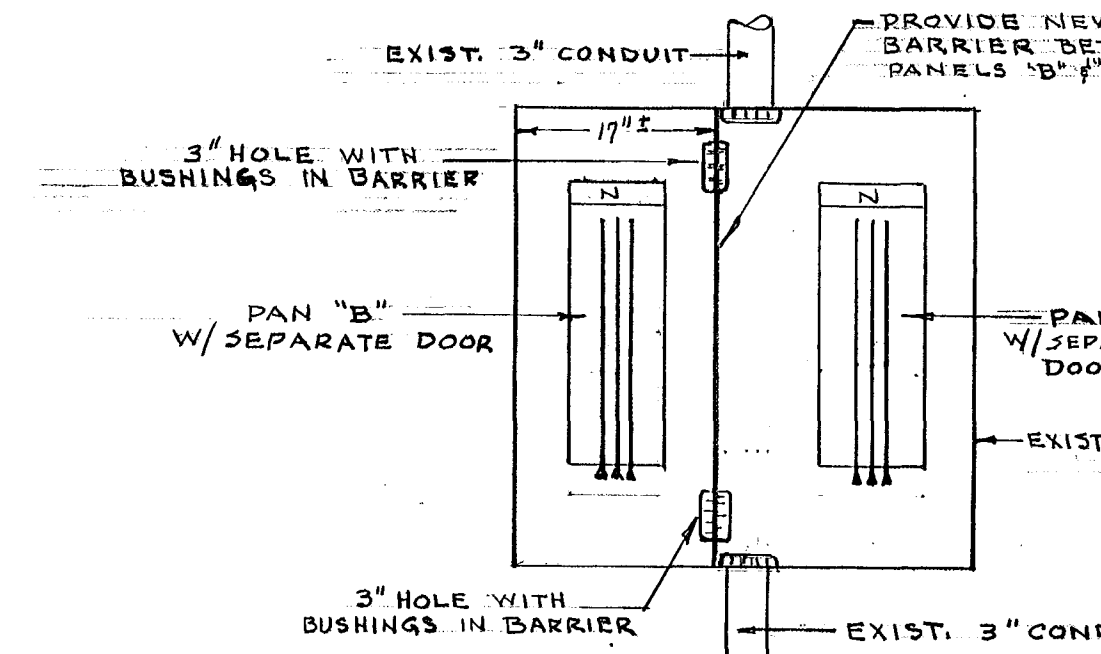


DETAIL OF PANEL "K"  
NO SCALE



| PANELBOARD SCHEDULE |        |                |            |                    |          |       |       |      |                                 |                        |
|---------------------|--------|----------------|------------|--------------------|----------|-------|-------|------|---------------------------------|------------------------|
| DESIGNATION         | TYPE   | SERVICE        | MAINS      | MTG                | BRANCHES |       |       |      | REMARKS                         |                        |
|                     |        |                |            |                    | NO.      | AMPS  | POLES | TYPE | ITEMS SERVED                    |                        |
| A                   | NLAB   | 120/208V-3φ-4W | 225A. LUGS | NOTE-1 (SURFACE)   | 34       | 20    | 1     | TQ   | LTS & RECPTS                    |                        |
| B                   | NLAB   | 120/208V-3φ-4W | 225A. LUGS | NOTE-1&2 (SURFACE) | 34       | 20    | 1     | TQ   | CLNG RECPT                      |                        |
| BR                  | NLAB   | 120/208V-3φ-4W | 225A. LUGS | NOTE-1&2 (SURFACE) | 36       | 20    | 1     | TQ   | LTS & RECPT'S                   |                        |
| C                   | NLAB   | 120/208V-3φ-4W | 225A. LUGS | NOTE-1 (SURFACE)   | 28       | 20    | 1     | TQ   | CLNG RECPT                      |                        |
| D                   | NLAB   | 120/208V-3φ-4W | 225A. LUGS | NOTE-1 (SURFACE)   | 1        | 30    | 2     | TQ   | LTS & RECPT'S                   |                        |
| E                   | NLAB   | 120/208V-3φ-4W | 100A. LUGS | NOTE-1 (FLUSH)     | 2        | 90    | 3     | TQ   | CLNG RECPT; KILN.               |                        |
| F                   | NLAB   | 120/208V-3φ-4W | 100A. LUGS | NOTE-1 (FLUSH)     | 1        | 60    | 2     | TQ   | PAN "X"                         |                        |
| G                   | NLAB   | 120/208V-3φ-4W | 225A. LUGS | FLUSH              | 16       | 20    | 1     | TQ   | LTS & RECPTS                    |                        |
| H                   | NLAB   | 120/208V-3φ-4W | 225A. LUGS | FLUSH              | 1        | 30    | 2     | TQ   | CLNG RECPT'S                    |                        |
| J                   | NLAB   | 120/208V-3φ-4W | 225A. LUGS | FLUSH              | 28       | 20    | 1     | TQ   | LTS & RECPT'S                   |                        |
| K                   | NLAB   | 120/208V-3φ-4W | 225A. LUGS | SURFACE            | 1        | 30    | 2     | TQ   | CLNG RECPT                      |                        |
| L                   | NLAB   | 120/208V-3φ-4W | 225A. LUGS | SURFACE            | 28       | 20    | 1     | TQ   | LTS & RECPT'S                   |                        |
| BR                  | NLAB   | 120/208V-3φ-4W | 225A. LUGS | SURFACE            | 1        | 30    | 2     | TQ   | CLNG RECPT                      |                        |
| BRX                 | EXIST. | 115/230V-2φ-5W |            | SURFACE            | 4        | 20    | 3     | TQ   | 2 O.B.S; FREQ. GEN; T.C. COMPR. |                        |
| X                   | EXIST. | 120/208V-1φ-3W |            | SURFACE            | 12       | 20    | 1     | TQ   | FRONT FLD LTS. & U.V.'s         |                        |
| WS                  | NLAB   | 120/208V-3φ-4W | 100A. LUGS | SURFACE            | 6        | SPACE | 3     | TQ   | FUTURE                          |                        |
| MB                  | NAB    | 115/230V-2φ-5W | 225A. LUGS | NOTE-1             | 6        | SPACE | 1     | TQ   | EXIST. BR. CIR'S TO REMAIN      | EXIST. PAN - TO REMAIN |
| MA                  | CCB    | 120/208V-3φ-4W | 1200A LUGS | NOTE-1             | 1        | 100   | 3     | TQ   | " " " " " "                     | " " " " " "            |

NOTES:  
1. EXISTING BOX TO BE REUSED. PROVIDE NEW FRONT  
2. PANELS "B" & "BX" ARE TO BE PROVIDED IN ONE EXISTING SURFACE BOX. SEE DETAIL THIS SHEET.  
3. THE WORD "SPACE" SHALL MEAN PROVISIONS PROVIDED FOR FUTURE CIRCUIT BREAKERS.  
4. ALL PANELS SHALL BE CIRCUIT BREAKER TYPE. MULTIPLE-POLE CIRCUIT BREAKERS SHALL BE COMMON TRIP TYPE.  
5. ALL PANELS SHALL HAVE ENCLOSING DOOR WITH LOCK. ALL LOCKS KEYS ALIKE. PROVIDE TYPED DIRECTORY IN DOOR.  
6. ALL PANELS AND CIRCUIT BREAKERS ARE BASED ON GENERAL ELECTRIC CO.  
7. PROVIDE HANDLE LOCKING DEVICES FOR BREAKERS PROTECTING THE EXIT LIGHT & FIRE ALARM CIRCUITS.  
8. MOUNTING HEIGHT SHALL BE 6'-6" TO TOP.



DETAIL OF PANELS  
"B" & "BX"  
NO SCALE

POWER RISER DIAGRAM  
NO SCALE

|                                                                                       |                                                 |                                          |
|---------------------------------------------------------------------------------------|-------------------------------------------------|------------------------------------------|
| CITY OF HARTFORD, CONNECTICUT<br>DEPARTMENT OF ENGINEERING                            |                                                 | DWG. NO.                                 |
| WASHINGTON STREET<br>HIGH SCHOOL ALTERATIONS<br>110 WASHINGTON ST.<br>HARTFORD, CONN. |                                                 | 125                                      |
| SUBMITTED<br>R.G. BARNES<br>CITY ENGINEER                                             | RECOMMENDED<br>Daniel J. Twill<br>CITY ENGINEER | APPROVED<br>[Signature]<br>CITY ENGINEER |
| DESIGN<br>R.G. BARNES                                                                 | DRAWN<br>R.G. BARNES                            | DATE<br>APR. 7-1965                      |

VERIFY EXISTING  
CONDITIONS AND  
DIMENSIONS AT  
BUILDING