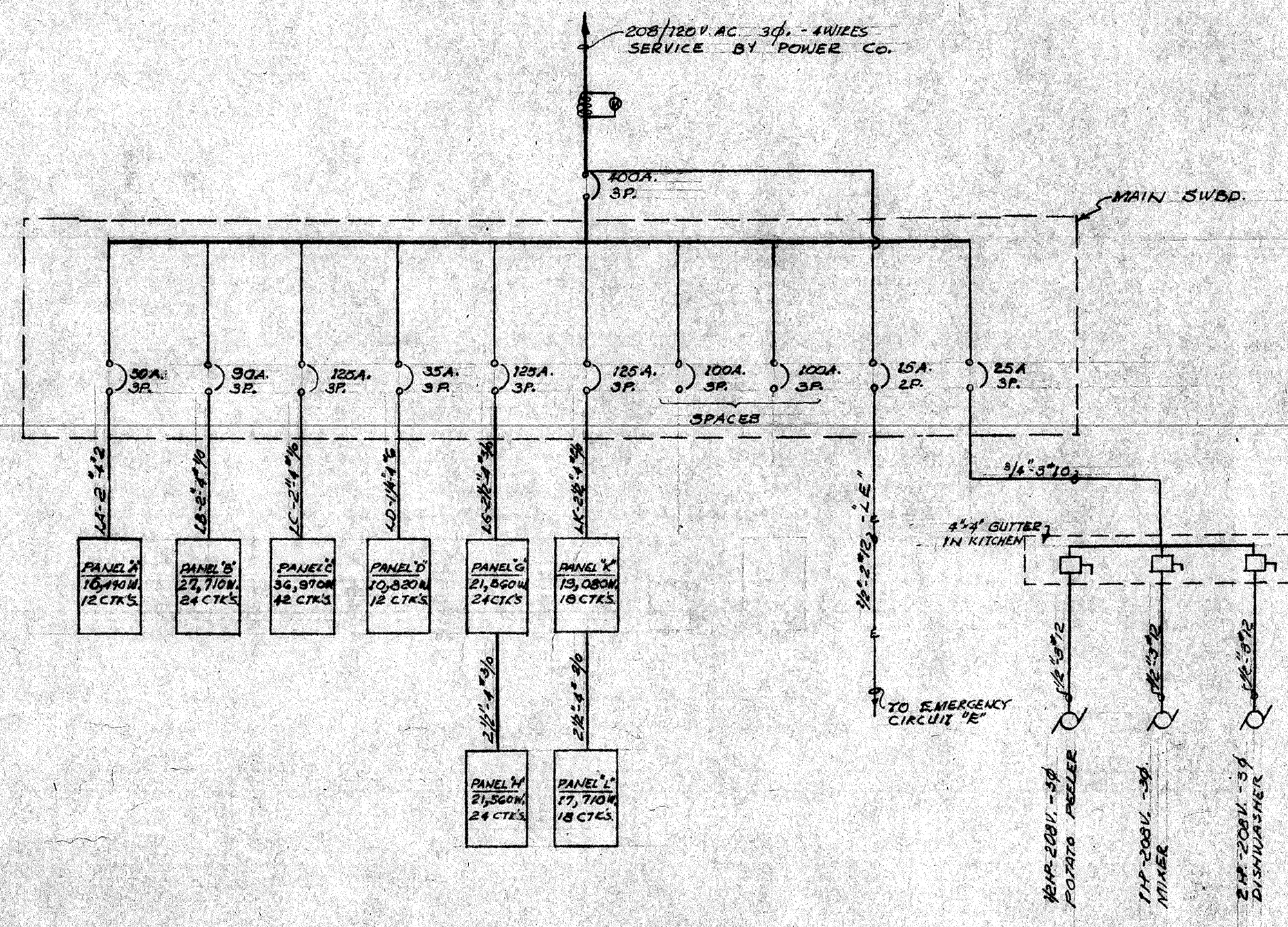
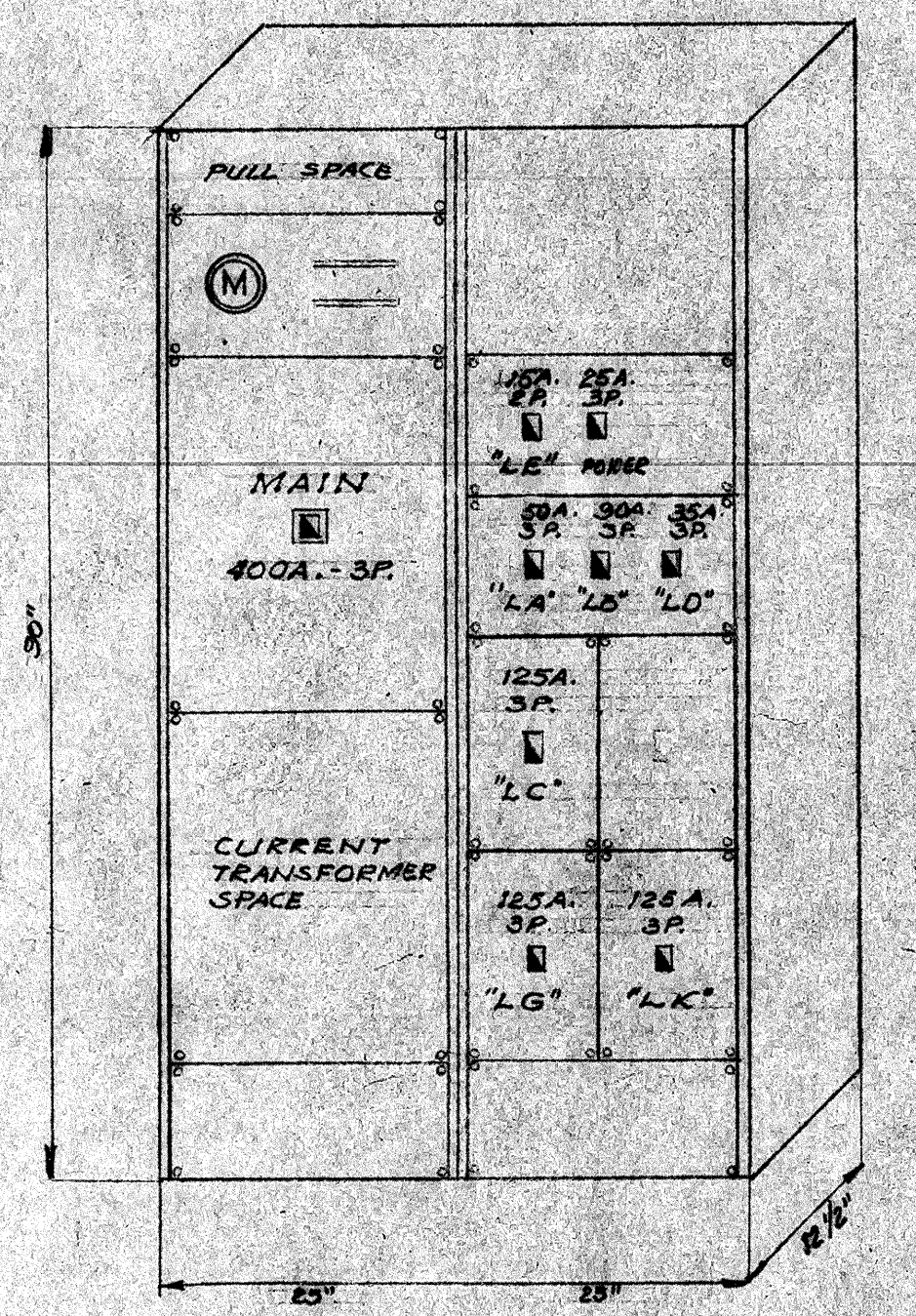


PLOT PLAN
SCALE: 40:1"

LOAD & SERVICE CALCULATION
 TOTAL LOAD = 174,850W.
 15000W @ 100% DEMAND
 159,850 @ 60% DEMAND
 95,910W + 15000W = 110,910W @ 311A.
 USE 4/2" @ 750MCM.



FEEDER DIAGRAM



MAIN SWITCHBOARD
SCALE: 3/4"=1'-0"

SYMBOLS

- 30 CEILING LIGHTING OUTLET - WATTAGE, FIXTURE NUMBER & CIRCUIT NUMBER SHOWN
- CEILING LIGHTING OUTLET - SQUARE FLUSH
- WALL BRACKET LIGHTING OUTLET
- WALL EXIT OUTLET
- FLOODLIGHTING OUTLET
- DUPLEX RECEPTACLE - 120VAC, OUTLET, 1/2" UNLESS OTHERWISE SHOWN
- S₁ WALL SWITCH WITH IDENTIFYING SUBSCRIPT
- S₂ WALL SWITCH KEY OPERATED
- JUNCTION BOX - STANDARD OUTLET BOX WITH BLANK COVER
- DISCONNECT SWITCH
- LIGHTING PANELBOARD
- SIGNAL TERMINAL CABINET
- BELL OR GONG
- BREAK GLASS FIRE ALARM STATION
- LOUSPEAKER OUTLET
- TELEPHONE OUTLET
- CLOCK OUTLET
- MASTER CLOCK
- THERMOSTAT OUTLET
- CONDUIT RUN CONCEALED IN CEILING OR WALL
- CONDUIT RUN CONCEALED IN FLOOR OR SLAB
- HOME RUN TO PANEL & CIRCUIT SHOWING, CONTINUE WIRE SIZE, THROUGHOUT CIRCUIT UNLESS CHANGE IS SHOWN, CROSSMARKS INDICATE NUMBER OF WIRES, SIZE AS SHOWN ON HOMERUN, ALL CONDUIT SHALL BE 1/2" UNLESS SHOWN LARGER, USE #12 WIRE FOR LIGHTING & POWER CIRCUITS, NOT SHOWN LARGER.

FIXTURE SCHEDULE

- F1 CONCENTRIC RING, SILVER BOWL LAMP - 750W-1000W - SMOOT - HOLMAN RK-1000S. WITH STANDARD HANGER
- F2 FLUSH SQUARE FIXTURE - 100W - 300W - HOLOPHANE - CAP. F-1776
- F3 ENCLOSING GLOBE - PENDANT STEM MOUNTING - OPAL GLASS GLOBES - 40-60-100M - GRAYBAR #9930 1/4 M.H. 150W - GRAYBAR # 9910 1/4 M.H. - 200W - GRAYBAR #9920 1/4 M.H. 300W - GRAYBAR # 9930 1/4 M.H. - 500W - GRAYBAR #9930 1/4 M.H. ENCLOSING GLOBE - CEILING MOUNTED - 100W - GRAYBAR #9930 1/4 M.H.
- F4 VAPORTIGHT CEILING FIXTURE WITH GUARD & TYPE ARB OUTLET BOX ADAPTEE 100W - CROUSE HINDS - GS 675
- F5 ALZAK ALUMINUM SOCKET REFLECTOR - GRAYBAR - GL 4174
- F6 PORCELAIN KEYLESS SOCKET, WITH SHADE HOLDER GROOVE 60-100W ALBAX - AL-898
- F7 ADJUSTABLE RECESSED FIXTURE, WITH LOUVE COLOR CLIP - 300W - ROTOBEM - GENERAL LIGHTING CO. CAT #1
- F8 VAPORTIGHT WALL FIXTURE WITH GUARD - CROUSE HINDS - 100W - GS 775
- F9 EXIT LIGHTING FIXTURE, FLUSH TYPE - GRAYBAR CO. CAT # 722-S
- F10 FLU - GLASSTEEL DIFFUSER, WITH WHITE PORCELAIN ENAMEL REFLECTOR - 500W - SMOOT HOLMAN CAT # 55620-D

HILBURG, BYLER & HENGSTLER
 MECHANICAL AND ELECTRICAL ENGINEERS
 257 SOUTH SPRING STREET
 LOS ANGELES 12, CALIFORNIA

STATE OF CALIFORNIA
 DEPARTMENT OF PUBLIC WORKS
 DIVISION OF ARCHITECTURE
 APPROVED: 7-22-48
 5743 *Harold W. Bell*

BAKERSFIELD CITY SCHOOLS
 1600 K. ST. BAKERSFIELD CAL.
 BOARD OF EDUCATION
 APPROVED: 7/22/48
 PRESIDENT: *Walter J. ...*
 SECRETARY: *...*

ELECTRICAL
 ELEMENTARY SCHOOL
 BAKERSFIELD CITY SCHOOL DIST.
 PIONEER DRIVE
 BAKERSFIELD, CALIFORNIA
 SERIES: *...*
 ARCHITECT: *...*
 155 HAY BLVD. BAKERSFIELD
 1612 10TH ST. CALIFORNIA