SYMBOLS :-

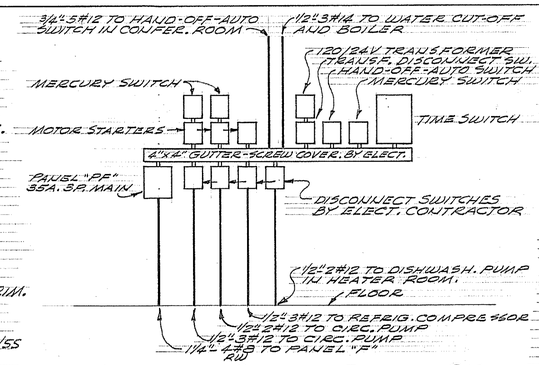
- F#5 / 180 / 6 — CEILING LIGHTING OUTLET, FIXTURE No., WATTAGE, CIRCUIT No. & CONTROLLING SWITCH LETTER SHOWN.
- BRACKET LIGHTING OUTLET.
- FLUSH SQUARE CEILING FIXTURE & J-BOX.
- BULLSEYE PILOT LIGHT, CONTROLLED FROM SWITCH INSIDE REFRIGERATOR ROOM.
- DUPLEX RECEPTACLE +12" UNLESS NOTED. W.P. = WEATHERPROOF.
- DUPLEX RECEPTACLE ON FLOOR STAND. SEE SPECS.
- JUNCTION BOX. STANDARD OUTLET BOX & BLANK PLATE UNLESS NOTED.
- MOTOR OUTLET. AS DESCRIBED ON DRAWINGS.
- MOTOR DISCONNECT 1½HP & LESS (TRUMBULL "TT")
- MOTOR DISCONNECT 1½HP & MORE (TRUMBULL "PT")
- SM — PUSHBUTTON, FOR MOTOR STARTER.
- HAND-OFF-AUTO SWITCH OUTLET. 4" SQUARE BOX WITH PLATE AS REQUIRED BY H&V. CONT.
- PUBLIC TELEPHONE OUTLET. 4" SQUARE BOX & PLATE WITH SINGLE BUSHED OPENING.
- SECONDARY CLOCK OUTLET.
- F — FIRE ALARM BREAK GLASS STATION +4'-6"
- BELL, 6" UNLESS NOTED OTHERWISE.
- S — SINGLE POLE WALL SWITCH +4'-6".
- S2 — SINGLE POLE WALL SWITCH WITH SUBSCRIPT +4'-6".
- S3 — THREE WAY WALL SWITCH.
- SP — SINGLE POLE WALL SWITCH WITH PILOT LIGHT.
- SK — SINGLE POLE WALL SWITCH KEY OPERATED.
- LIGHTING PANELBOARD.
- SIGNAL & FIRE ALARM TERMINAL.
- C.O. — CONDUIT RUN CONCEALED IN WALLS OR CEILING. C.O. = CONDUIT ONLY WITH PULL WIRE.
- CONDUIT RUN CONCEALED UNDER FLOOR, UNDERGROUND OR IN TUNNEL.
- ¾"-4#12 / #1-3-5 — HOMERUN TO CIRCUITS #1-3-5 ON PANEL "F". ALL WIRE SHALL BE #12 UNLESS NOTED OTHERWISE. ALL CONDUIT SHALL CONFORM TO N.E. CODE SIZE UNLESS MARKED LARGER

FIXTURES :-

- F#1 — CONCENTRIC RING INDIRECT FIXTURE WITH SWIVEL HANGER CANOPY, STEM & 500 WATT SILVER BOWL LAMP. SMOOT-HOLMAN CO. #CX-500-S. ALTER STEM SO THAT FIXTURE LENGTH IS 42" O.A.
- F#2 — CONCENTRIC RING INDIRECT FIXTURE WITH SWIVEL HANGER CANOPY, STEM & 750 WATT SILVER BOWL LAMP. SMOOT-HOLMAN CO. #CX-1000-S. ALTER STEM SO THAT FIXTURE LENGTH IS 42" O.A.
- F#3 — FLUSH SQUARE CEILING FIXTURE WITH CORNING PRISMATIC DROP LENS, ATTACHED J-BOX AND 200 OR 300 WATT LAMP AS INDICATED. WAGNER-WOODRUFF CO. #30155/SS. STAINLESS STEEL FINISH TRIM.
- F#4 — FLUSH SQUARE CEILING FIXTURE WITH CORNING PRISMATIC DROP LENS, ATTACHED J-BOX AND 100 WATT LAMP. WAGNER-WOODRUFF CO. #30153/SS WITH STAINLESS STEEL FINISH TRIM.
- F#5 — DRUM SHAPED GLASS FIXTURE WITH 2-50 OR 2-75 WATT LAMPS AS INDICATED. SMOOT-HOLMAN CO. #LH-1110.
- F#6 — PORCELAIN KEYLESS RECEPTACLE WITH WATTAGE AS INDICATED. ALABAX #3141.
- F#7 — VAPORTIGHT ENCLOSING GLOBE FIXTURE WITH GLOBE AND CAST SCREW GUARD AND 150 WATT LAMP. CROUSE-HINDS CO. #VI2009, VC12009 OR VL12009 AS REQUIRED FOR COND. ENTRANCE.
- F#8 — VAPORTIGHT ENCLOSING GLOBE FIXTURE, BRACKET TYPE, WITH GLOBE, CAST GUARD & 100 WATT LAMP. CROUSE-HINDS #VGR216.
- F#9 — VAPORTIGHT FIXTURE WITH CROUSE-HINDS #VI-63 GLASS AND GASKET, ARB-40 ADAPTER, SERIES GUF CONDULET & 100W LAMP.

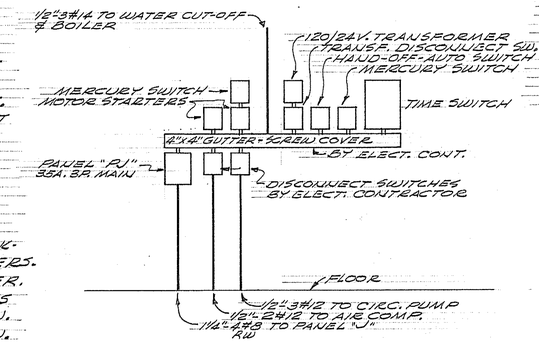
SWITCHBOARD NOTES :-

1. EXIST. MAIN SWITCHBOARD CABINET. REMOVE BREAKERS & BUSING & INSTALL NEW 3φ BUSING & BREAKERS.
2. NEW 6"x6" GUTTER WITH SEALABLE SCREW COVER.
3. EXIST. FEEDER 3"-3-500Mcm. REMOVE EXIST. CABLES & SALVAGE. INSTALL NEW 3-350Mcm-RW & 1#4/0TW.
4. EXIST. 3" C.O. INSTALL NEW 3-350Mcm-RW & 1#4/0TW.
5. EXISTING CONDUIT & WIRE TO BE REMOVED.
6. NEW SERVICE SECTION.



DETAIL OF POWER PANEL "PF"

NOT TO SCALE

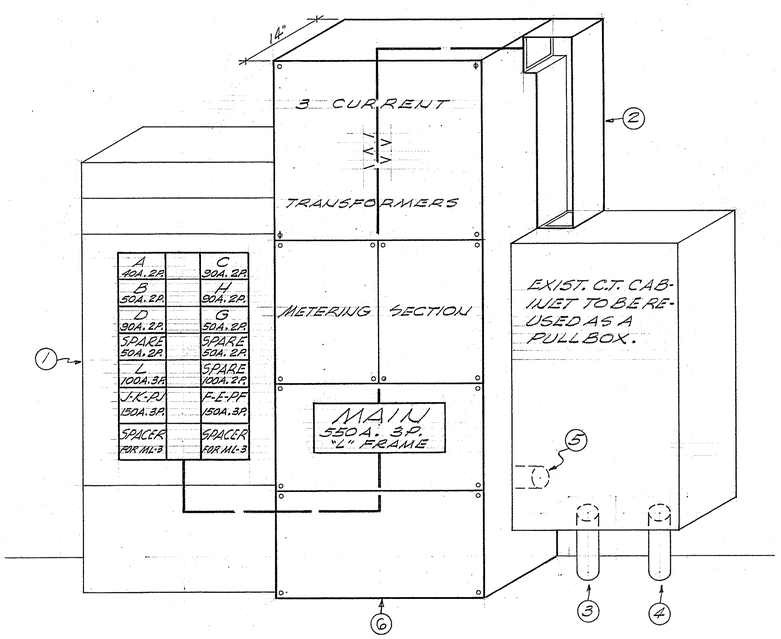


DETAIL OF POWER PANEL "PJ"

NOT TO SCALE

NOTES :- FOR SITE PLAN.

1. 2"-3#2 RW & 1#2 TW.
2. 1¼"-1#14 SIGNAL & FIRE ALARM.
3. 2½"-3#3/0 RW & 1#1 TW.
4. 3"-3#4/0 RW & 1#3/0 TW.
5. 1"-10#14 SIGNAL & 3/4"-4#14 FIRE ALARM.
6. UNDERGROUND PULLBOX FLUSH IN SIDEWALK. 3'-0" x 3'-0" x 2'-0" WITH WATERTIGHT CAST IRON COVER & FRAME. CONSTUCT BOX OF 6" REINFORCED CONCRETE WALLS & BOTTOM.
7. PICK UP 3/4" SIGNAL & FIRE ALARM STUBS AT END OF EXIST. TUNNEL & EXTEND AS INDICATED 5'-0" BEYOND EDGE OF NEW WALK.
8. 2" C.O. STUB FOR FUTURE FROM PULLBOX. +5'-0"
9. EXISTING FIRE ALARM J-BOX IN TUNNEL. CONNECT NEW CONDUIT & WIRES.
10. NEW 8"x8"x3" SIGNAL J-BOX IN TUNNEL WITH TERMINALS.
11. EXISTING SERVICE CONDUIT & NEW CABLES. SEE SWBD.
12. EXISTING DISTRIBUTION SW'BD. CUT THRU SLAB & OVER INTO TUNNEL TO INSTALL NEW FEEDERS & STUB.
13. 3"-3#4/0 RW & 1#3/0 TW, 2½"-3#3/0 RW & 1#3/0 TW AND 2" C.O.
14. 1" C.O. STUB FOR FUTURE +5'-0" BEYOND WALK.
15. 2½"-3#3/0 RW & 1#3/0 TW.
16. 2"-3#2 RW & 1#4 TW.
17. EXISTING SERVICE POLE. SEE SPECS FOR MATERIALS & INSTALLATION.
18. 18"x18"x8" PULL BOX WITH SCREW COVER IN TUNNEL.
19. SIGNAL J-BOX. SEE 1/4" SCALE PLAN SHEET #E-3.
20. 1¼" C.O. FOR FUTURE 5'-0" FROM BUILDING.

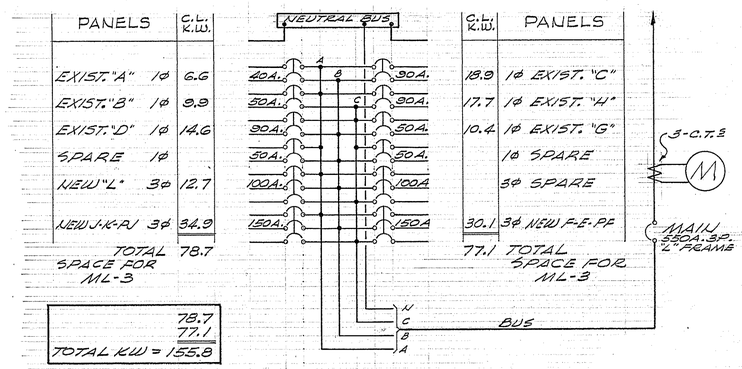


MAIN SWITCHBOARD

SCALE 1"=1'-0"

SERVICE CONDUIT CALCULATIONS

AREA OF 3" CONDUIT	= 7.380 SQ.IN.
USE PERMITTED 40%	= 2.95 SQ.IN.
AREA OF 350Mcm, RW = .7620	
3 x .7620	= 2.286 SQ.IN.
AREA OF #4/0 TW	= .3904 SQ.IN.
TOTAL	= 2.6764 SQ.IN.



ALL BREAKER FRAMES SHALL BE "ML-1" OR "ML-3".

NOTE

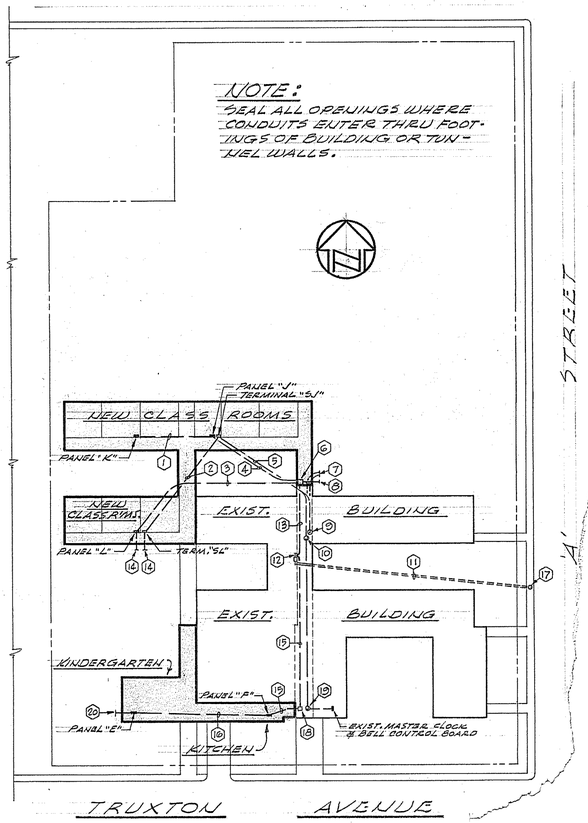
THE SERVICE & METERING SECTION SHALL BE APPROVED BY THE PACIFIC GAS & ELECTRIC CO. BEFORE FABRICATION.

MAIN SWITCHBOARD BUSING DIAGRAM

NOT TO SCALE

NOTE:

SEAL ALL OPENINGS WHERE CONDUITS ENTER THRU FOOTINGS OF BUILDING OR TUNNEL WALLS.



SITE PLAN

SCALE 1"=60'-0"

NOTE: CONTRACTOR IS TO VERIFY ALL DIMENSIONS ON THE WORK. THIS DRAWING IS THE PROPERTY OF THE ARCHITECT AND MUST BE RETURNED ON COMPLETION OF THE CONTRACT.

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Albert E Byler

DIVISION OF SCHOOL HOUSE PLANNING

STATE OF CALIFORNIA - DEPARTMENT OF PUBLIC WORKS
DIVISION OF ARCHITECTURE
APPLICATION NO. 11380
APPROVED NOV 6 - 1953
Harry W. Porter
BY PRINCIPAL STRUCTURAL ENGINEER

COUNTY SUPERINTENDENT OF SCHOOLS

BOARD OF TRUSTEES
FINAL APPROVAL
H. L. Slater
Virgenia C. Bellinger

FRANKLIN SCHOOL ADDITION
BAKERSFIELD CITY SCHOOL DISTRICT
BAKERSFIELD CALIFORNIA

C. B. Alford

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