

LIGHTING PANEL SCHEDULE

PANEL "A"				PANEL "B"			
120/240V, 3W SERVICE		200 AMPERE MAIN LUGS		120/240V, 3W SERVICE		200 AMPERE MAIN LUGS	
CIR. NO.	WIRE	LOAD	CIR. NO.	CIR. NO.	WIRE	LOAD	CIR. NO.
1	20 AMP #12	MOTOR CONTROL CENTER LIGHTS	2	20 AMP #10	20 AMP #10	CENTER PASSAGE LIGHTS	
3	20 AMP #12	KALIHI SIDE GROUND FLOOR PASSAGE AND RECEPTION LIGHTS	4	20 AMP #12	20 AMP #12	EWA - CENTER GROUND FLOOR LIGHTS	
5	20 AMP #12	KALIHI SIDE AND CENTER SECOND FLOOR LIGHTS	6	20 AMP #12	20 AMP #12	KALIHI SIDE MOTOR DECK LUGS	
7	20 AMP #12	EWA WALL LIGHTS	8	20 AMP #12	20 AMP #12	EWA WALL LIGHTS	
9	20 AMP #12	METAL-CLAD SWITCHGEAR LIGHTS	10	20 AMP #12	20 AMP #12	CONTROL ROOM & WAREHOUSE KANSAS SIDE RECEPTACLES	
11	20 AMP #12	MOTOR DECK CONTROL ROOM KALIHI SIDE RECEPTACLES	12	20 AMP #12	20 AMP #12	EWA WALL & MOTOR CONTROL RECEPTACLES	
13	20 AMP #8	VERTICAL SHAFT LIGHTS	14	20 AMP #8	20 AMP #8	TRANSITION SECTION LUGS	
15	20 AMP #12	KALIHI CONTROL SWITCHGEAR SUPPLY	16			OFFICE AND WAREHOUSE LIGHTS	
17	20 AMP #12	METAL-CLAD SWITCHGEAR LIGHTS	18	20 AMP #10	20 AMP #10	WATER HEATER	
19			20	20 AMP #12	20 AMP #12	CC ANALYZER	
21	20 AMP #12	BATTERY CHARGER	22	20 AMP #12	20 AMP #12	SPACE	
23			24			SPACE	
25	20 AMP #12	EXTERIOR ENTRANCE LUGS	26	20 AMP #12	20 AMP #12	EWA FLOODLIGHT	
27	20 AMP #12	SPACE	28	20 AMP #12	20 AMP #12	WAIKIKI FLOODLIGHT	

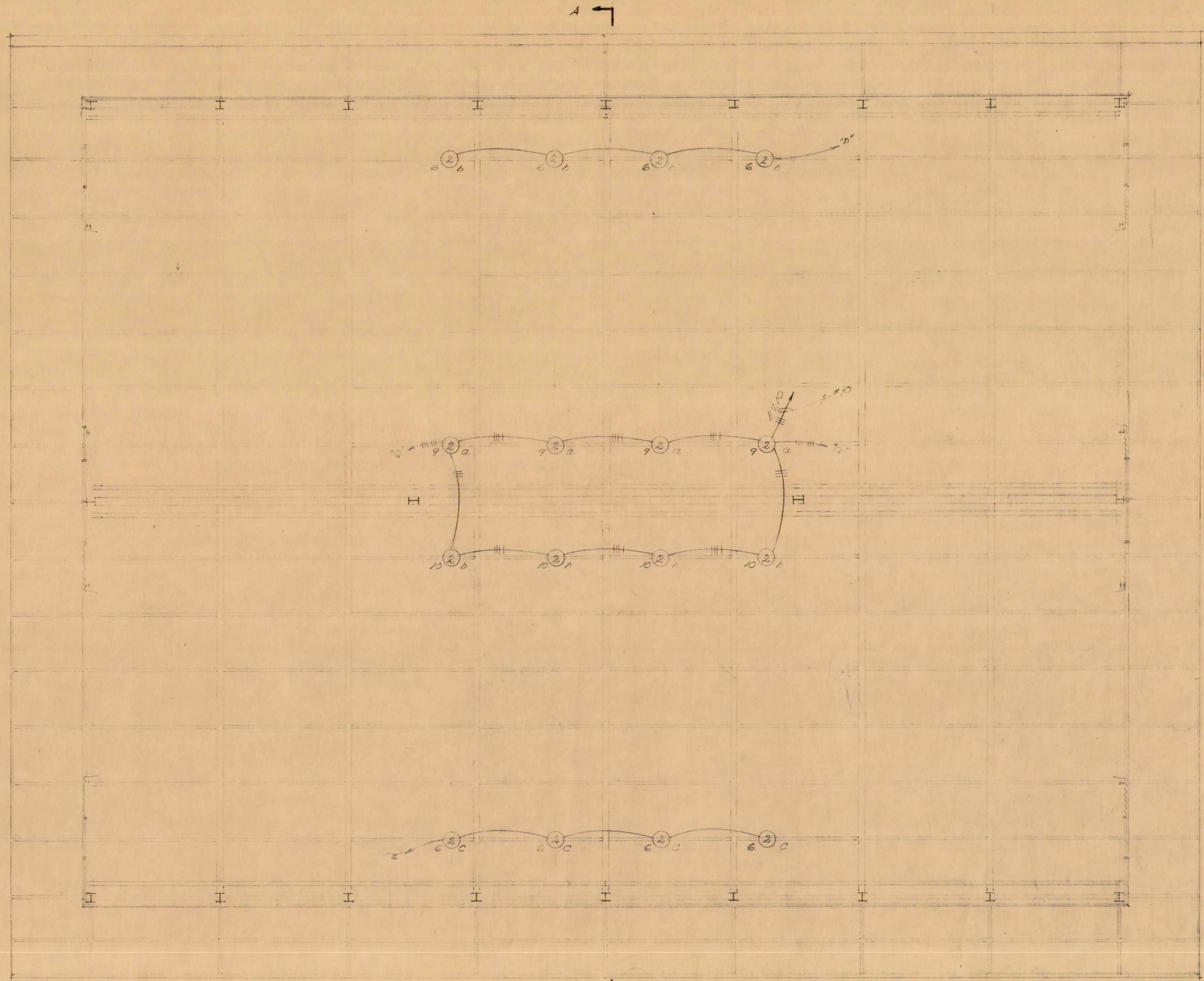
PANEL "B"					
120/240V, 3W SERVICE			200 AMPERE MAIN LUGS		
CIR. NO.	WIRE	LOAD	CIR. NO.	WIRE	LOAD
1	20 AMP #12	KANEONE SIDE GROUND FL CTS.	2	20 AMP #12	TRANSFORMER WIND LIGHTS
3	20 AMP #12	KANEONE SIDE GROUND FL PASSAGE IMBEDDING CTS.	4	20 AMP #12	WAIKIKI-CENTER GROUND FLOOR LIGHTS
5	20 AMP #12	KANEONE SIDE SECOND FLOOR LIGHTS	6	20 AMP #12	KANEONE SIDE MOTOR DECK LIGHTS
7	20 AMP #12	WAIKIKI WALL LIGHTS	8	20 AMP #12	WAIKIKI WALL LIGHTS
9	20 AMP #10	CENTER - MOTOR DECK LIGHTS	10	20 AMP #10	CENTER MOTOR DECK LIGHTS
11	20 AMP #10	TRANSFORMER WIND EXHAUST FAN	12	20 AMP #10	TRANSFORMER WIND EXHAUST FAN
13	20 AMP #12	WALL LIGHTS OVER TRANS WIND	14	20 AMP #12	MOTOR DECK RECEPTACLES
15	20 AMP #12	GROUND FLOOR - WAIKIKI RECEPTACLES	16		SPACE
17		SPACE	18		SPACE

LEGEND OF ELECTRICAL SYMBOLS FOR BUILDING LIGHTING AND WIRING

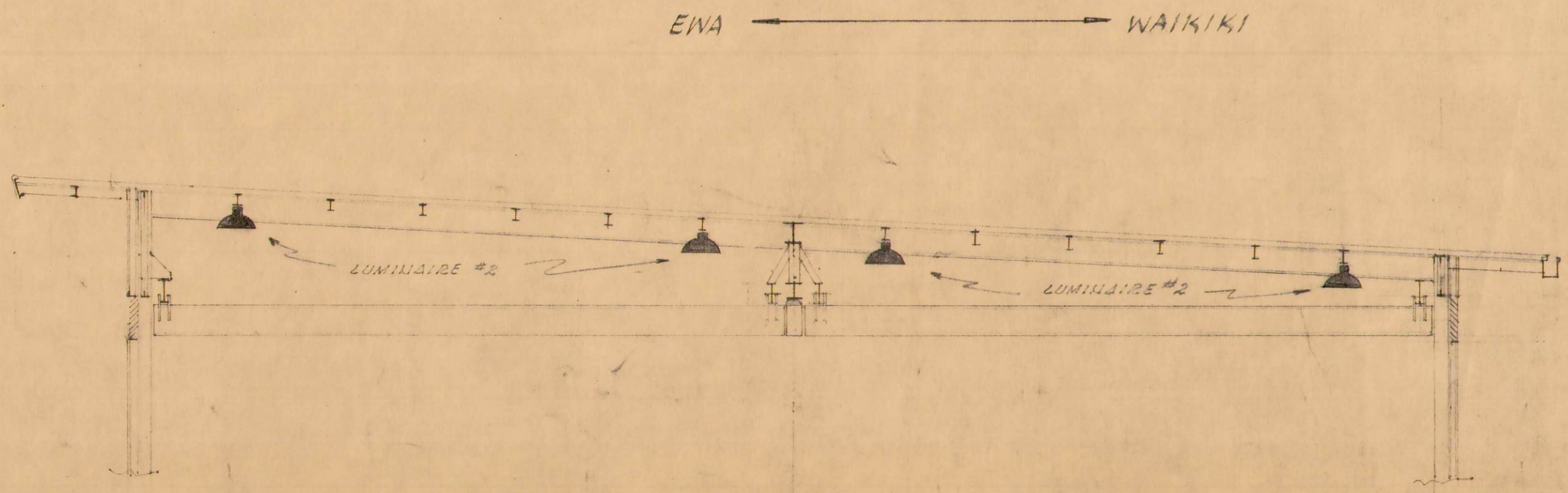
- ② CEILING OUTLET WITH INCANDESCENT LUMINAIRE. NUMERAL CORRESPONDS TO LUMINAIRE NUMBER DESCRIBED IN SPECIFICATIONS.
- ① WALL OUTLET WITH INCANDESCENT LUMINAIRE. NUMERAL CORRESPONDS TO LUMINAIRE NUMBER DESCRIBED IN SPECIFICATIONS.
- ② CEILING OUTLET WITH FLUORESCENT LUMINAIRE. NUMERAL CORRESPONDS TO LUMINAIRE NUMBER DESCRIBED IN SPECIFICATIONS.
- ① WALL OUTLET WITH FLUORESCENT LUMINAIRE. NUMERAL CORRESPONDS TO LUMINAIRE NUMBER DESCRIBED IN SPECIFICATIONS.
- ② FLUORESCENT LUMINAIRE SERVED THROUGH AN ADJUTING LUMINAIRE. NUMERAL CORRESPONDS TO LUMINAIRE NUMBER DESCRIBED IN SPECIFICATIONS.
- ① WIRELESS COMMUNICATIONS OUTLET 15 AMP. 4' ABOVE FLOOR EXCEPT AS NOTED.
- ② CORRECT FOR 120 V. SINGLE PHASE.
- ② TWO-WIRE POLARIZED OUTLET 30 AMP. TO BE INSTALLED TO SUIT EQUIPMENT SUPPLIED. CONDUCT FOR 240 VOLTS, SINGLE PHASE.
- ② SINGLE POLE WALL SWITCH, 20 AMP.
- ② THREE WAY WALL SWITCH, 20 AMP.
- ② FOUR WAY WALL SWITCH, 20 AMP.
- ② CEILING OUTLET TO SERVE EXHAUST FAN, LOCATE TO SERVE EQUIPMENT SUPPLIED.
- ② CLOCK OUTLET TO BE INSTALLED 7'-6" ABOVE FLOOR.
- ② TELEPHONE OUTLET, 2 1/2" X 4 1/4" SQUARE BOX, INSTALL 3'-0" ABOVE FLOOR.
- ② BRANCH CIRCUIT IN RIGID CONDUIT, #12 AWG UNLESS NOTED.
- ② 47 HOME RUN IN RIGID CONDUIT, #12 AWG UNLESS NOTED. NUMERAL INDICATES BRANCH CIRCUIT TO WHICH CONNECTED.
- ② EMPTY CONCEALED CONDUIT FOR TELEPHONE CIRCUITS, 1/2" EXCEPT AS NOTED.
- ② PANELBOARD, FLUSH MOUNTED, FOR 120/240 VOLT, SINGLE PHASE, 3 WIRE SERVICE.
- ② TELEPHONE CABINET, SIZE AS NOTED, FLUSH MOUNTED.
- ② TEMPERATURE CONTROLLED SWITCH.

NOTES

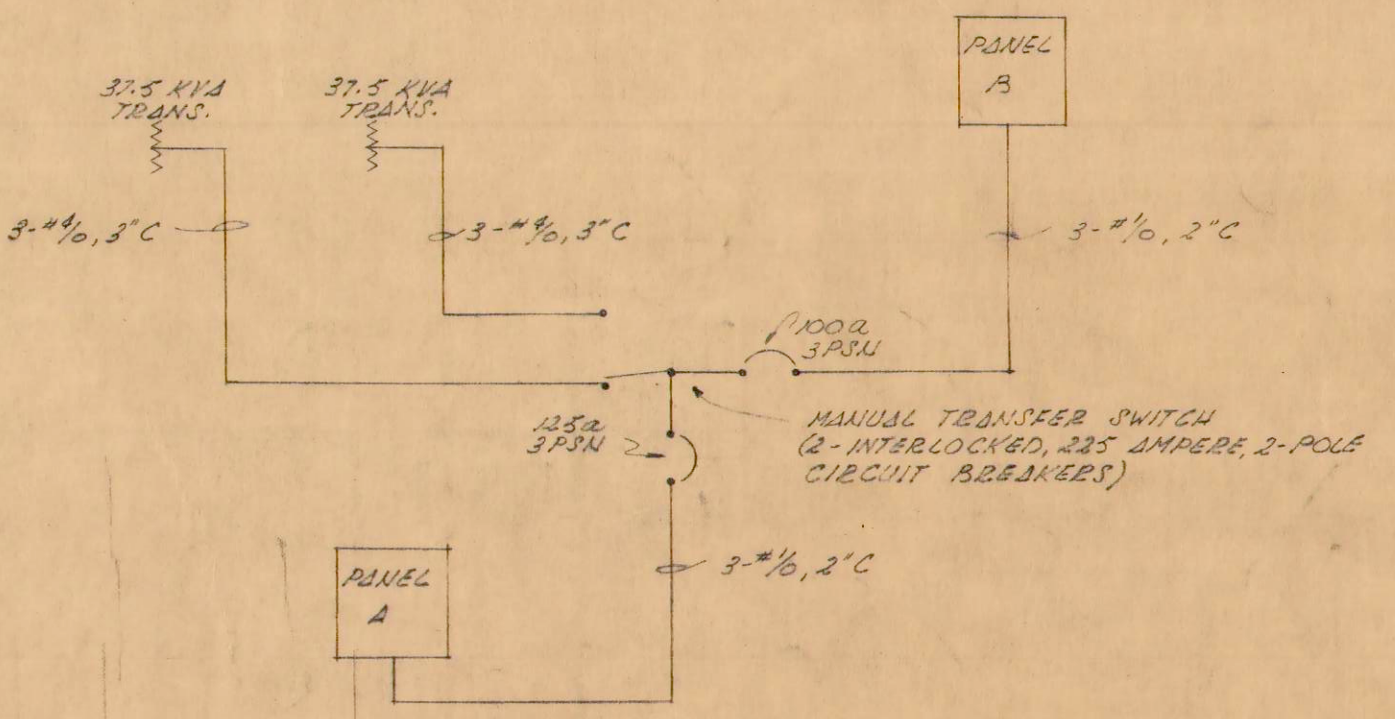
- LOWER CASE LETTERS (a, b, c, etc.) ARE USED ON 3-WAY SWITCHES TO INDICATE OUTLETS CONTROLLED. NUMERALS USED AS SUBSCRIPTS ON OUTLETS INDICATE CIRCUIT TO WHICH EACH IS CONNECTED.
- THE CIRCUIT NUMBERING IS A GUIDE FOR GROUPING PURPOSES ONLY. THE CONTRACTOR SHALL CONNECT THE UNGROUNDED WIRES OF THE CIRCUITS OF EACH GROUPING TO CIRCUIT BREAKERS WHICH ARE CONNECTED TO OPPOSITE LEGS. CIRCUITS SHALL BE SO CONNECTED TO RESULT IN THE CLOSEST POSSIBLE BALANCE ON EACH LEG OF THE PANEL FEEDER. SHOULD THE PANEL SUPPLIED NOT BE ABLE TO ACCOMPLISH THIS AND MAINTAIN THE CIRCUIT NUMBERING SHOWN, THE CONTRACTOR SHALL RENUMBER THE CIRCUITS ACCORDINGLY AND SUBMIT THE "AS BUILT" DRAWING TO THE ENGINEER. THE CONTRACTOR SHALL INSTALL A NEATLY TYPED DIRECTORY OF CIRCUITS INSIDE EACH PANEL DOOR.
- ANY CIRCUIT WITHOUT FURTHER DESIGNATION INDICATES A TWO-WIRE CIRCUIT. FOR A GREATER NUMBER OF WIRES, THE INDICATION IS BY "WASH MARKS" AS FOLLOWS: 3 WIRES, 4 WIRES, ETC.



CEILING PLAN UNDER ROOF
SCALE 1/8" = 1'-0"



SECTION A-A
SCALE 1/8" = 1'-0"



ONE LINE DIAGRAM
NO SCALE

LAW & WILSON
ARCHITECTS & ENGINEERS
DEPARTMENT OF PUBLIC WORKS
CITY AND COUNTY OF HONOLULU
BUREAU OF PLANS

KALIHI TUNNEL
VENTILATION BLDG.
ELECTRIC LIGHTING
REFLECTED ROOF PLAN

ENGINEER: L. W. WILSON
DRAFTSMAN: J. W. WILSON
SCALE: AS NOTED
APPROVED: *[Signature]*
CHIEF ENGINEER

DATE: JULY 15, 1953
CHECKED BY: J. O. WILSON
TRACER: *[Signature]*
APPROVED: *[Signature]*
BUREAU ENGINEER

W.S.	PROFILE	C.B.
C.R. SEC.	F.B.	S.B.
W.M. BY:	F.W. BY:	S.W. BY:

SECTION C

JOB NO. 26-53

DWG. VB-47

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FILE	POCKET	FOUNDER	NO.
7	6	2	47