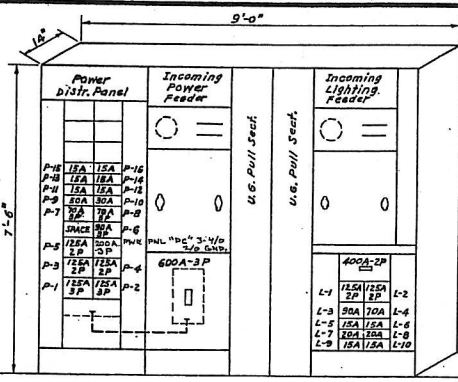
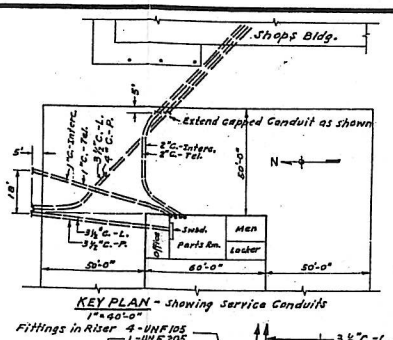


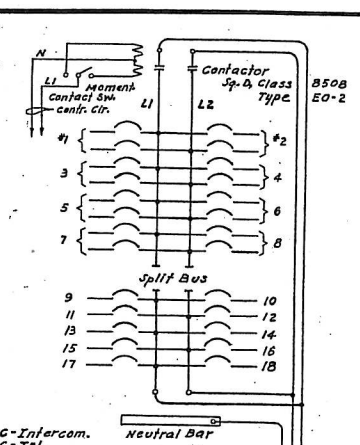
FLOOR PLAN (POWER)
Scale 1/8" = 1'-0"



ELEVATION OF POWER & LIGHTING SWITCHBOARD
Scale 1/2" = 1'-0"



KEY PLAN - showing Service Conduits
Fittings in Riser 4 - UNF 105
1 - UNF 205



LIGHTING PANEL WIRING DIAGRAM "A" & "B"
Showing Contactor, Split Bus, Neutral Bar and Momentary Contact Switch Arrangement

POWER DISTRIBUTION PANEL "P" 3φ-240V.

CIR. NO.	K.W.	AMP.	CIR. NO.	DESCRIPTION
1	55 H.P.	110	125	Power Panel "PA"
2	50	100	125	Power Panel "PB" MACHINE SHOP PH
3	85 KW.	100	125	Heating Transformer "A" 2P-A
4	85	100	125	"B" 2P-B
5	25	100	125	"C" 2P-C
6	21	65	90	Drying Traveling Oven - Paint Rm.
7	18 H.P.	40	70	Air Compressor Parts Rm.
8	15	40	70	Crane Rail Feeder
9	7 1/2	22	50	Hydraulic Hoist Pump Motor
10	5	15	30	Ignition Bench Receptacle
11	2	6.5	15	Grinder Auto Shop
12	1	3.5	15	Exhaust Fan - Under Roof
13	1/2	2.8	15	Exhaust Stack Blower
14	10	20	50	AIR COMPRESSOR
15		15		
16		15		

POWER PANEL "PA" SCHEDULE 3φ-240V.

CIR. NO.	H.P.	AMP.	CIR. NO.	DESCRIPTION
PA-1	15 H.P.	40	70	Lathe, Lodge & Shipley
2	15	40	70	Arc welder - welding shop
3			70	Spare
4	10	27	50	Lathe, American
5	7 1/2	22	50	Hydraulic Press
6	3	9	20	Milling Machine, Milwaukee
7	3	9	20	Threading Machine
8	2	6.5	15	Lathe, Metal Spreading
9	2	6.5	15	Lathe, Drum
10	2	6.5	15	Grinder, Welding Shop
11	1	3.5	15	Lathe, Le Blond
12	1	3.5	15	Lathe, Table
13	1	3.5	15	Drill, Buffalo
14	1	3.5	15	Shaper
15	1/2	1.2	15	Grinder, Mag. Chuck & Doors E/SIDE
16	3	9	15	Exhaust Blower, Metal Spread. Lathe
17			15	Spare - Mach. Shop
18			15	Spare - Weld. Shop

POWER PANEL "PB" SCHEDULE 3φ-240V.

CIR. NO.	H.P.	AMP.	CIR. NO.	DESCRIPTION
PB-1	15 H.P.	40	70	Milling Machine, Milwaukee
2	15	40	70	Grinder, Crankshaft
3	15	40	70	Arc welder - Blacksmith Shop
4	7 1/2	22	50	Hydraulic Hoist Pump Motor
5	5	15	40	Forge Blower - Blacksmith Shop
6	2	6.5	15	Drop Hammer
7	2	6.5	15	Grinder
8	2	6.5	15	Drill Press
9	3	9.0	20	Exhaust Blower - Paint Rm. Plenum
10	1	3.5	15	Exhaust Fan - Under Roof
11			15	DOORS W/SIDE
12			15	"
13			15	"
14			15	"

LIGHTING DISTRIBUTION PANEL "L" 1φ-120/240V.

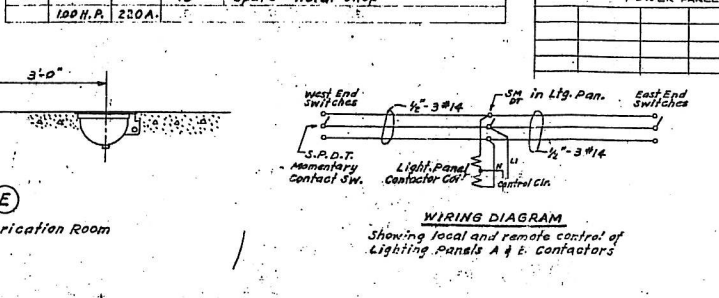
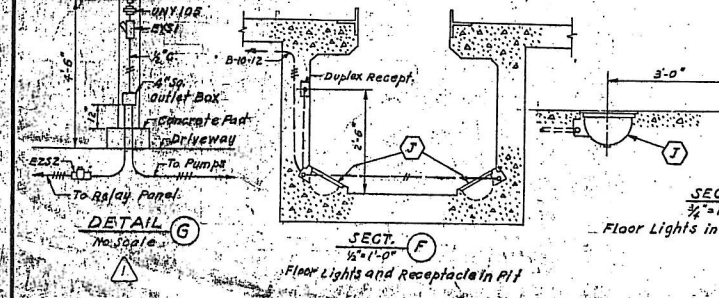
CIR. NO.	K.W.	AMP.	CIR. NO.	DESCRIPTION
L-1	25 KW.	103	125	Lighting Panel "A"
2	20	112	125	" " " " " " " "
3	20	65	90	" " " " " " " "
4	15	62	70	" " " " " " " "
5	15	6.5	15	Heater - Office
6	13	5.5	15	Heater - Mens Room
7	3	12.5	20	Water Heater
8	2 H.P.	12	20	Air Conditioning unit
9			15	Spare
10			15	"

HEATER SCHEDULE

SYMBOL	DESCRIPTION
1	Chromalox Radiant Wall Heater, Type "RWD" 1500 watts, with built-in thermostat & switch, Cat. No. KWPT-110C.
2	Chromalox Radiant Wall Heater, Type "RWH" 1320 watts, with built-in switch, Cat. No. RWH-113.

- LEGEND:**
- Handy Box, 4" x 2 1/2", Height as noted
 - Wall Outlet Box, 4" Sq. - Height as noted
 - Clock Outlet Box, 4" Sq.
 - Duplex Receptacle, 12" above Floor
 - Cordomatic and Receptacle Outlet - See Detail "C"
 - Motor, Size and Voltage as noted.
 - Telephone Outlet Box, 4" Sq. - 24" above Floor
 - Intercom. outlet Box, 4" Sq.
 - Single Pole Thermal Breaker, 120V. - 4" x 6" up
 - Three Phase Manual Starter, 240V. - 5" x 0 up
 - C.O. Indicates Conduit Only
 - Radiant Heater - See Heater Schedule
 - Sp Double Pole Switch - 20A-125 V.

- NOTES:**
- Conduits not marked are 1" C.O.
 - All conduits coming up through floor are to be terminated with couplings 1/2" below Fin. Floor and plugged for future extension by Public Service Department.



REVISIONS

DATE	NO.	DESCRIPTION	BY	CHKD.	APPV.
7-26-58	1	REVISED 300' CONDUITS	RAF		
8-23-58	2	CHANGED PA-10 & PA-16	RAF		
11-7-58	3	ADDED L.T.S. 1-1000' IN PAINT RM.	RAF		
11-8-58	4	RELOCATED COMPRESSORS	RAF		
7-18-59	5	DOOR OPS. CO. 20' 60933 B-01	RAF		
7-18-59	6	MACHINE SHOP PH. 3 φ	RAF		

CORPORATE YARD GARAGE & MACHINE SHOP POWER PLAN & DETAILS

PUBLIC SERVICE DIVISION
CITY OF GLENDALE
CALIFORNIA

DESIGN BY: T. CHAYLL
APPROVED: [Signature]
DATE: 9-1-58

SCALE: AS NOTED

SHEET NO. E-16
1936