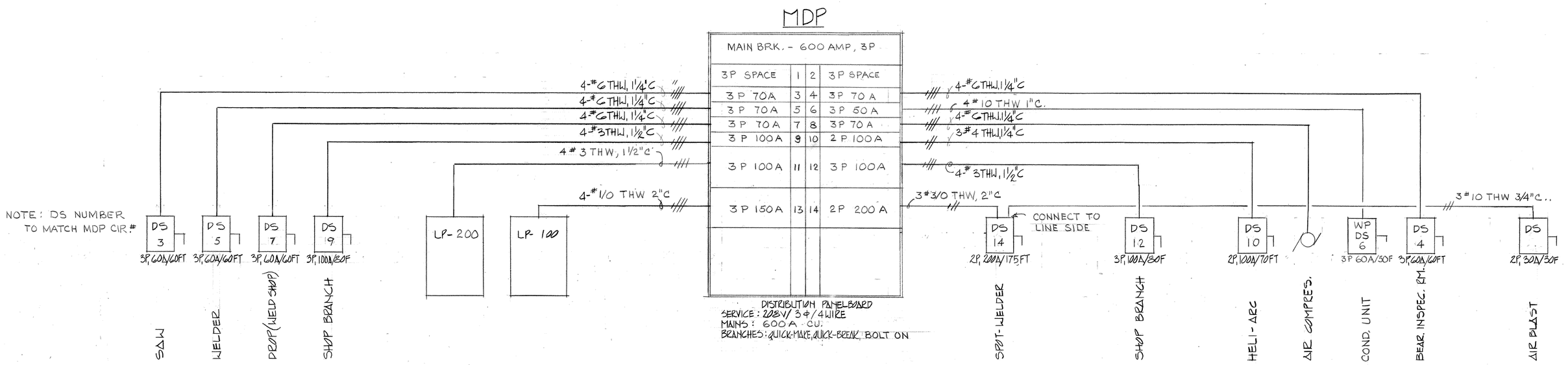
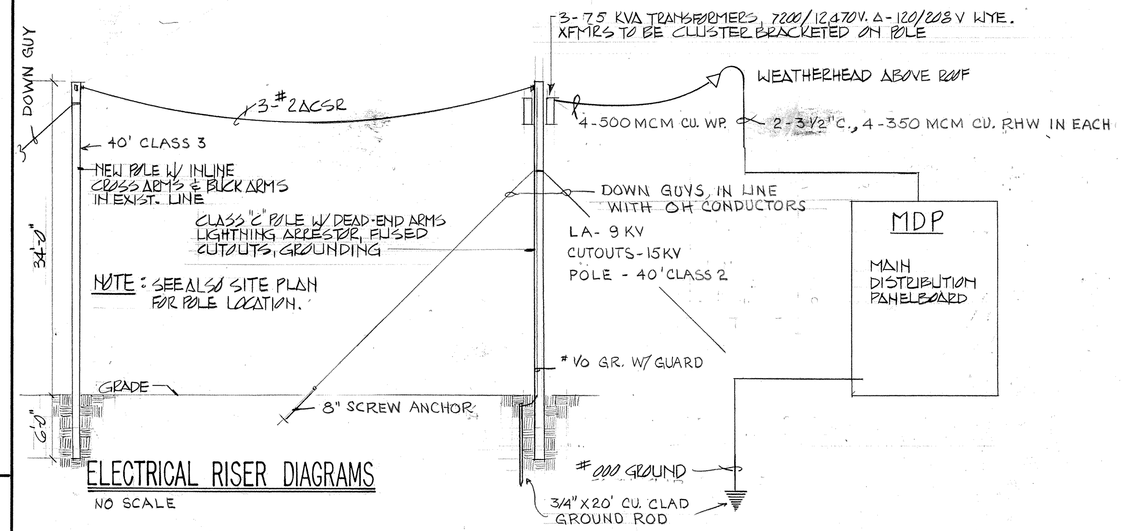
REVISIONS				
	LET	DESCRIPTION	DATE	APPROVED
REV. →	A	DELETE FLOOR OUTLETS, & DETAIL A, & GROUND TEST ADDED NOTE TO ELEC. RISER DIAGRAM	1/12/72	[illegible]
	B	DRWG. CORRECTED TO AS-BUILT	7-20-73	HWM





ELECTRICAL RISER DIAGRAMS

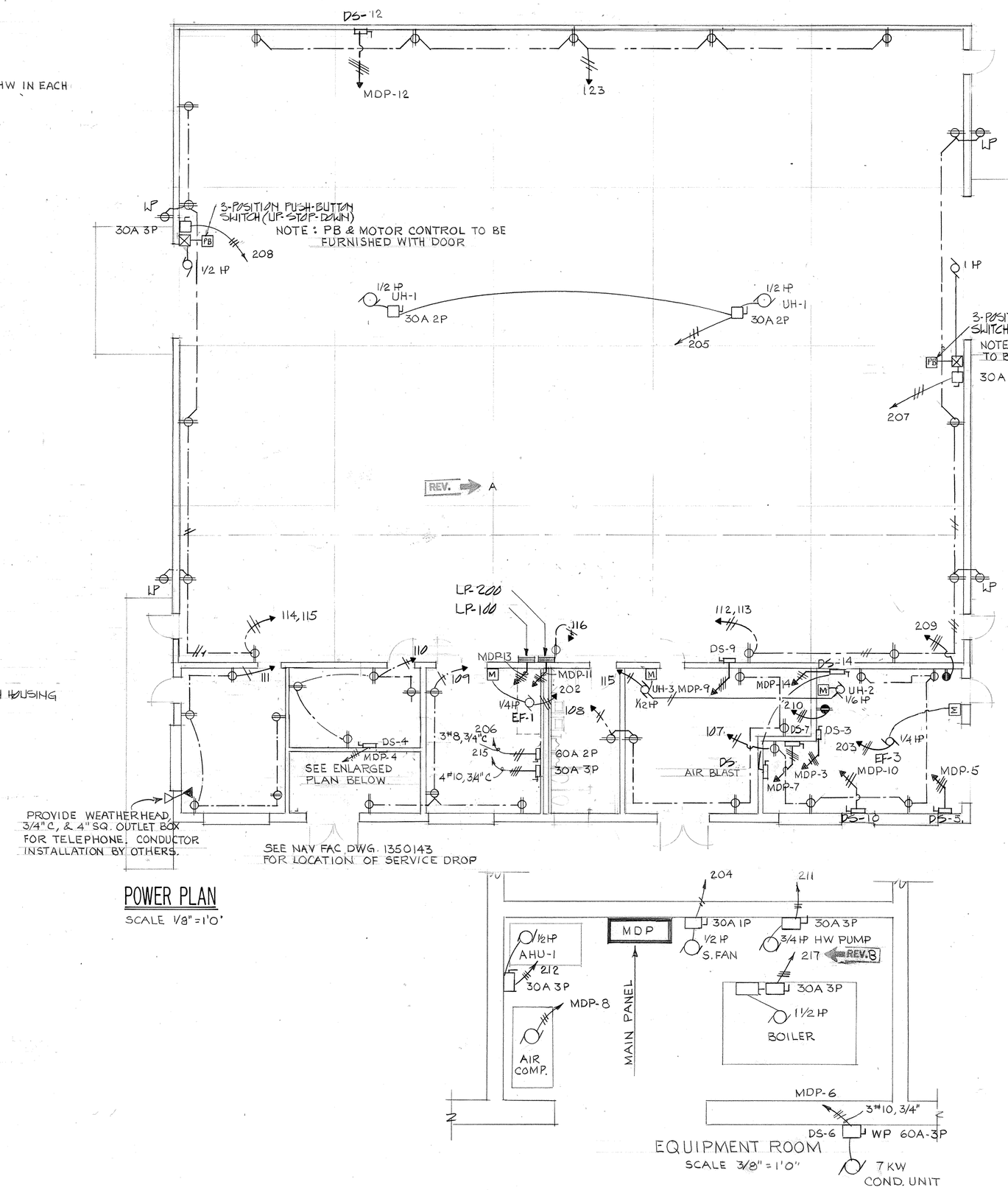
NO SCALE

NOTE: POLE AND TRANSFORMERS ARE EXISTING. WORK UNDER THIS CONTRACT SHALL INCLUDE INTERIOR WORK AND SERVICE DROP FROM POLE TO BUILDING.

REV. A →

NOTE: EQUIP FANS EF-1, EF-3, WITH INTEGRALLY MOUNTED DISCONNECT SWITCHES WITHIN FAN HOUSING

REV. → A



POWER PLAN

SCALE 1/8" = 1'0"

EQUIPMENT ROOM

SCALE 3/8" = 1'0"

LP-SCHEDULES

LP-100 LOAD CENTER, MAIN LUGS ONLY, 120/208V, 3Φ, 4-WIRE, 225A. M.L.O. EQUIP W/ COVER.

CIR. NO.	FEEDS	BR. AMP.	POLES	WIRE	V.A.
101	LIGHTING	20	1	#12	1400
102	"	20	1	12	1000
103	" & E.F.-4	20	1	12	1000
104	"	20	1	12	1400
105	"	20	1	12	1600
106	"	20	1	12	1200
107	CONVENIENCE OUTLETS	20	1	10	1200
108	" "	20	1	12	1200
109	" "	20	1	12	960
110	" "	20	1	12	960
111	" "	20	1	12	1200
112	" "	20	1	12	1200
113	" "	20	1	12	900
114	" "	20	1	12	900
115	" "	20	1	12	1200
116	DRINK. FOUNTAIN	20	1	12	360
117	SPARE	20	1		
118	"	20	1		
119	"	20	1		
120	"	20	1		
121	"	20	1		
122	"	20	1		
123	CONVENIENCE OUTLETS	20	1	12	1500
124	LIGHTING (SHOP)	20	1	12	1500
125	LIGHTING (SHOP)	30	2	10	4740
126	" "	30	2	10	4740
127	" "	30	2	10	4740
128	" "	30	2	10	4740
129	" "	30	2	10	4740
130	LIGHTING (APRON)	20	2	12	1350

TOTAL CONN. - 45.4 KVA
80 % DEMAND 36 KVA

LP-200 LOAD CENTER, MAIN LUGS ONLY, 120/208V, 3Φ, 4-WIRE, 225A. M.L.O. EQUIP W/ COVER

CIR. NO.	FEEDS	BR. AMP.	POLES	WIRE	V.A.
201	UH 2 & UH 3	20	1	#12	700
202	EXH. FAN 1	20	1	12	700
203	EXH. FAN 3	20	1	12	700
204	S. FAN 1	20	1	12	1100
205	(TWO) UH 1	20	2	12	2000
206	PARTS TANK (DS-5)	50	2		4000
207	OVERHEAD DOOR MOTOR	20	3	12	1200
208	" " "	20	3	12	700
209	DRILL	20	3	12	2520
210	GRINDER	20	3	12	2520
211	H.W. PUMP	20	3	12	1000
212	A.H. UNIT 1	20	3	12	1000
REV. B → 213	SPARE	20	3	12	1806
214	BRIDGE CRANE (FUTURE)	20	3	-	-
215	PARTS RM. (DS-4)	30	3		5000
216	SPARE	30	3	-	-
REV. B → 217	BOILER	20	1	-	-

TOTAL CONN. 26.2 KVA
60% DEMAND 15.7 KVA

REV. → A

GRAPHIC SCALES

1/8" = 1'

8 0 8 16 24

3/8" = 1'

2 0 2 4 6 8

RECORD DRAWING
DATE 8 0 JUL 1973

DSGN DR CHK	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND	
SUPV CH ENGR	SOUTHERN DIVISION	
SUBMITTED BY DATE	CHARLESTON, S. C.	
FIRM MEMBER (TITLE) SOUTHERN DIV. DESIGN DIVISION	AIRCRAFT ENGINE INSPECTION AND REPAIR SHOP	
PDE DIR	ELECTRICAL-POWER PLAN	
APPROVED DATE	SIZE F; CODE IDENT NO. 80091; NAVFAC DRAWING NO. 5017394	
OFFICER IN CHARGE	CONSTR CONTR NO. N62467-70-C-0586	
APPROVED DATE 11-16-71 EFD FOR COMMANDER, NAVFAC	SCALE; SPEC 06-70-0586 SHEET 12 OF 13	