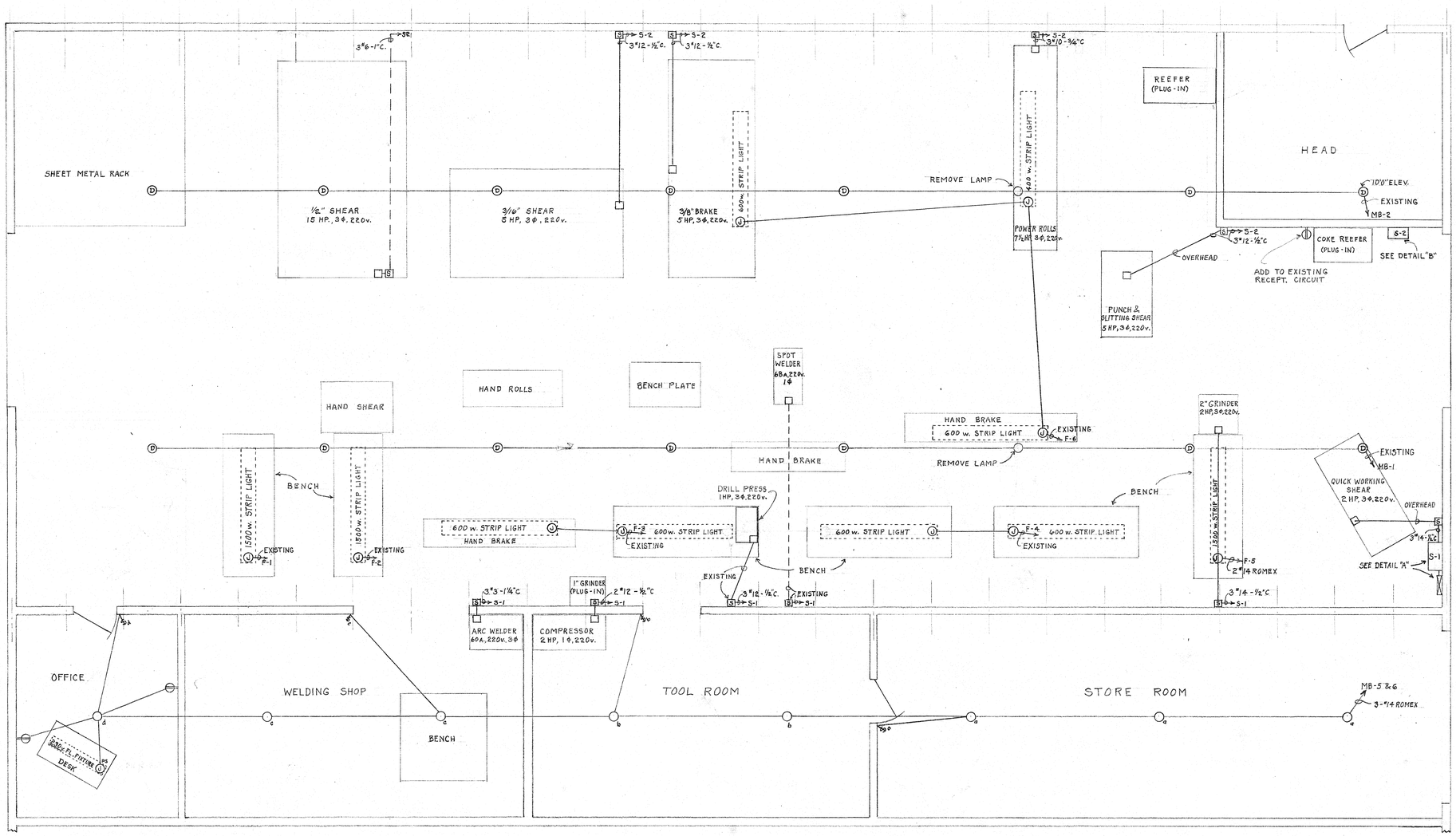
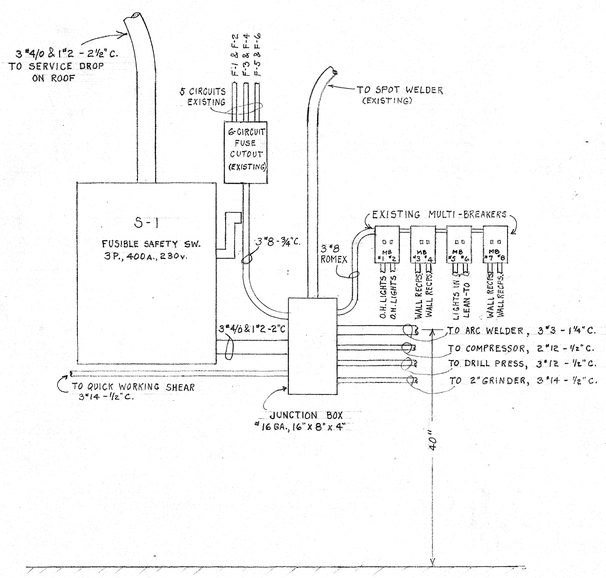


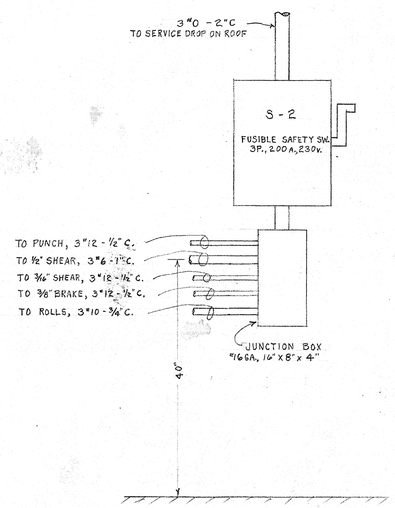
PLAN

1/4" = 1'0"



DETAIL "A"

1" = 1'0"



DETAIL "B"

1" = 1'0"

LEGEND

- ○ CEILING LIGHT - 200w.
- Ⓓ DROP LIGHT - 200w. 7'6" TO BOTTOM OF REFLECTOR.
- Ⓓ SPLICE BOX ON FIXTURE. 7'6" TO BOTTOM OF ALL FIXTURES EXCEPT 1500w. UNITS WHICH ARE TO BE 9'0".
- ⊖ DUPLEX RECEPTACLE - MOUNT 18".
- $ WALL SWITCH - MOUNT 48".
- PS PULL SWITCH.
- OVERHEAD LIGHTING FIXTURE.
- LIGHTING PANEL.
- MOTOR CONTROLLER.
- SAFETY SWITCH.
- EXPOSED CONDUIT OR CABLE RUN.
- CONDUIT IN FLOOR SLAB.

NOTES

DISCONTINUE OVERHEAD BUS DOWN CENTER OF SHOP.

REMOVE DROP LIGHTS ALONG NORTHEAST WALL.

RETAIN EXISTING WALL RECEPTACLES (NOT SHOWN), PLUS THREE ADDITIONAL AS INDICATED.

ROMEX CABLE MAY BE SUBSTITUTED FOR CONDUIT WHERE IT WILL NOT BE SUBJECT TO MECHANICAL INJURY.

FIXTURES: ONE 230v. FLUORESCENT UNIT, ONE 400w. STRIP LIGHT, AND FIVE 1500w. STRIP LIGHTS AVAILABLE IN THIS SHOP. CONVERT TWO 1500w. UNITS TO USE 3-200w. LAMPS, AND BUILD FOUR MORE SIMILAR UNITS FOR 3-200w. LAMPS.

CHECK ALL MOTORS & STARTERS FOR PROPER CONNECTION FOR 220v.

FUSE SIZES FOR SAFETY SWITCHES

MAIN SWITCHES —	
S-1	300 A.
S-2	200 A.
MOTOR BRANCH CIRCUIT SWITCHES —	
½" SHEAR	125 A.
3/16" SHEAR	45 A.
3/8" BRAKE	45 A.
POWER ROLLS	60 A.
PUNCH & SLITTING SHEAR	45 A.
ARC WELDER	150 A.
COMPRESSOR	30 A.
DRILL PRESS	NONE
SPOT WELDER	80 A
2" GRINDER	20 A.
QUICK WORKING SHEAR	20 A

REV.	DATE	BRIEF	BY	APPR.
		DRAWN BY J. J. Bringle 6/7/47		
		CHF. DFTMN.		
		IN CHARGE		
		SHEET 1 OF 1		
		ELECTRICAL		
		P.W. DWG No. 179		
M	6/17/47	3		
TO	DATE	NO.		
ISSUES		SCALE - As Noted		

ISLAND PUBLIC WORKS, GUAM, M.I.

I.P.W. SHEET METAL SHOP

LIGHT & POWER CIRCUITS

LAYOUT & DETAILS

APPROVED 16 June 1947

PUBLIC WORKS OFFICER

75/N26-5/4284

188-26-5