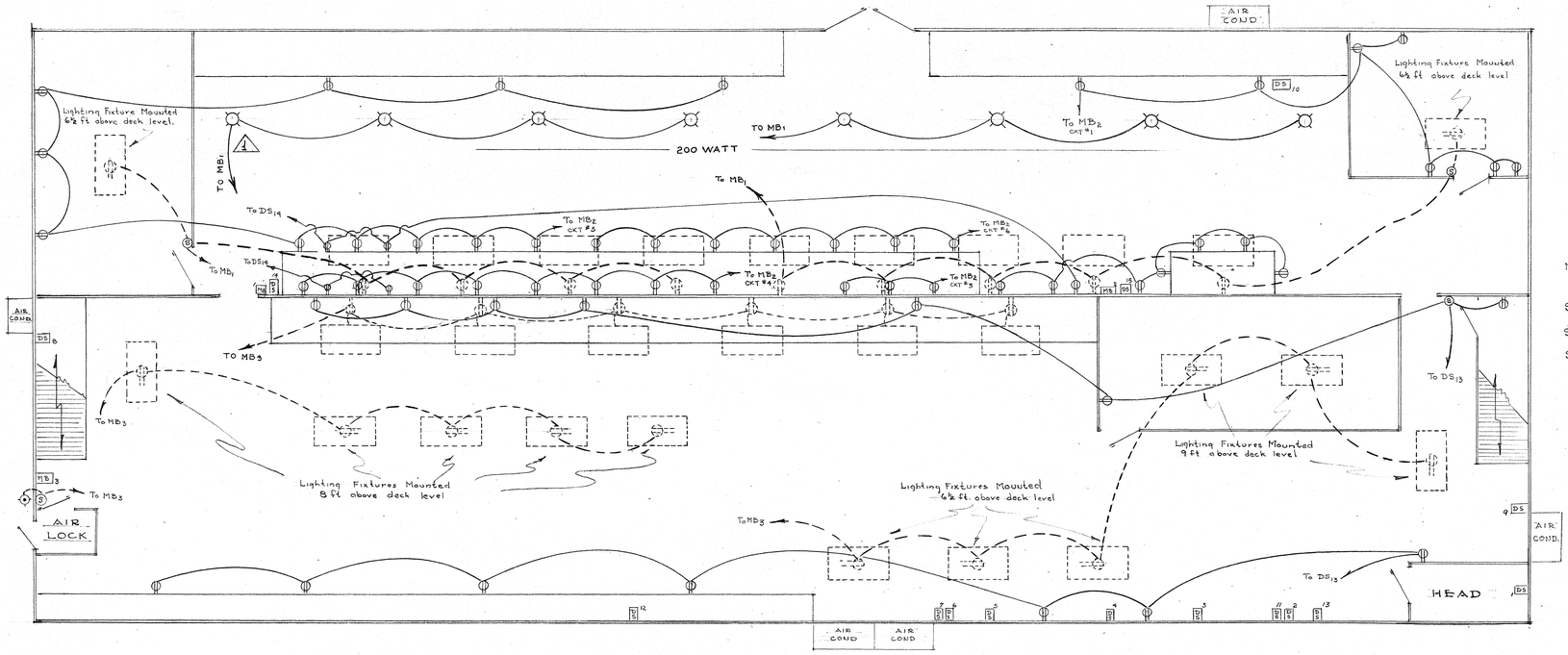
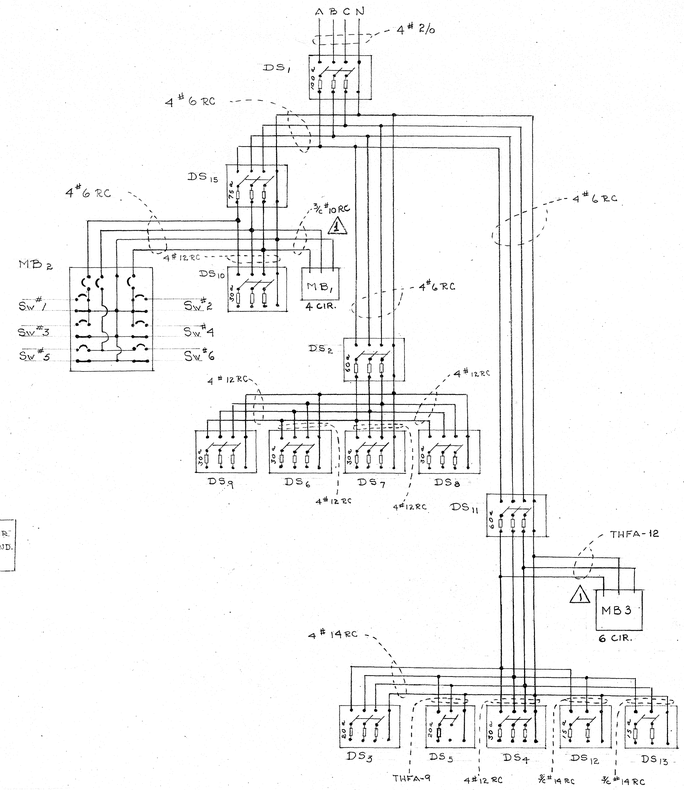
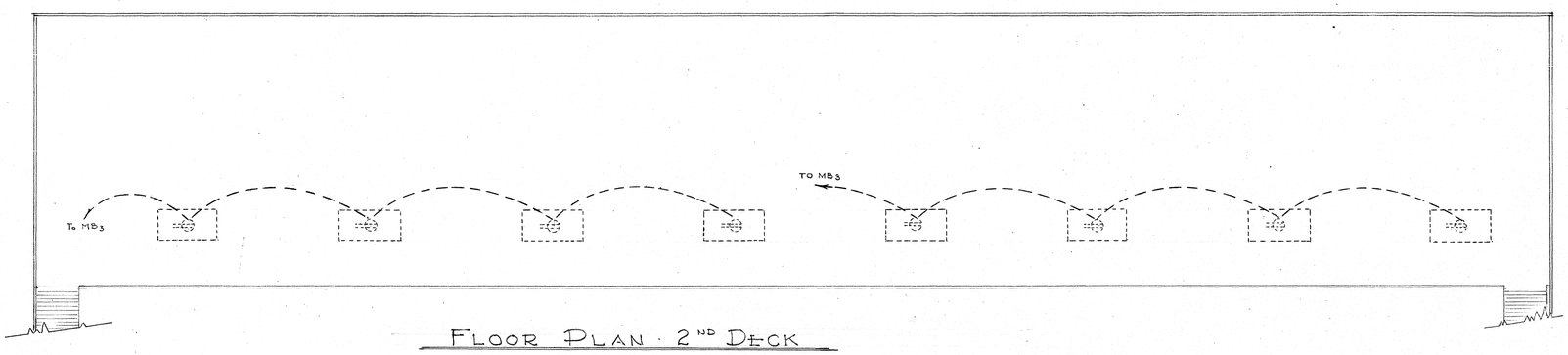


FLOOR PLAN - 1ST DECK



SCHEMATIC WIRING DIAGRAM



FLOOR PLAN - 2ND DECK

LEGEND

- 10 AMP SNAP SWITCH
- 48 IN. 4 TUBE FLUORESCENT LAMP FIXTURE
- DUPLEX RECEPTACLE
- DUPLEX RECEPTACLE FOR EMERGENCY POWER
- DUPLEX RECEPTACLE FOR FLUORESCENT FIXTURE
- DS1 100 AMP 3PST FUSED DISCONNECT
- DS2 60 AMP 3PST FUSED DISCONNECT
- DS3 20 AMP 3PST FUSED DISCONNECT FOR ½ H.P. DRILLPRESS 3φ RATED AT 1 AMP
- DS4 30 AMP 3PST FUSED DISCONNECT FOR ½ H.P. MOTOR & 1 H.P. MOTOR RATED AT 2 & 3 AMPS RESPECTIVELY - LATHE & DRILLPRESS COMB. - 3φ
- DS5 20 AMP 2PST FUSED DISCONNECT FOR ¾ H.P. MOTOR RATED AT 10.8 AMPS - LATHE - SINGLE φ
- DS6 30 AMP 3PST FUSED DISCONNECT FOR 3 H.P. AIR CONDITION MOTOR RATED AT 8 AMP 3φ
- DS7 30 AMP 3PST FUSED DISCONNECT FOR 3 H.P. AIR CONDITION MOTOR RATED AT 8 AMP 3φ
- DS8 30 AMP 3PST FUSED DISCONNECT FOR 3 H.P. AIR CONDITION MOTOR RATED AT 8 AMP 3φ
- DS9 30 AMP 3PST FUSED DISCONNECT FOR 3 H.P. AIR CONDITION MOTOR RATED AT 8 AMP 3φ
- DS10 30 AMP 3PST FUSED DISCONNECT FOR 3 H.P. AIR CONDITION MOTOR RATED AT 8 AMP 3φ
- DS11 60 AMP 3PST FUSED DISCONNECT
- DS12 15 AMP 2PST FUSED DISCONNECT FOR OUTLET CIRCUITS
- DS13 15 AMP 2PST FUSED DISCONNECT FOR OUTLET CIRCUITS
- DS14 20 AMP 2PST FUSED DISCONNECT FOR EMERGENCY POWER OUTLETS
- DS15 75 AMP 3PST FUSED DISCONNECT
- MB2 6 CKT 15 AMP MULTIBREAKER
- MB3 6 CKT 15 AMP MULTIBREAKER
- ⚠1 MB1 4 CKT 15 AMP MULTIBREAKER
- WATER TIGHT LAMP HOLDER - SHIP BOARD TYPE.

NOTES

1. Run 4 #2 cable from the 100 Amp Main (DS1) to DS2 in 2½ inch conduit or, if not available, use THFA-50 with #3RC for neutral.
2. Install plywood panel board for mounting disconnects.
3. Mount all 30 Amp. 3PST fused disconnects for air condition units where they will be accessible for operating units.
4. Use 2/c #14 RC cable for all outlet and lighting circuits, unless specified otherwise.
5. Ground all disconnects, multibreakers, switches and motor driven equipment.
6. Run 3 #14 AI cable in ½ inch conduit from DS12 to work bench. This conduit will have to be run under the wooden deck of building.
7. Run DHFA-9 or equal from connection box on the outside of building for emergency power to DS14.
8. Make sure that all conduit connections from connection box are water-tight.
9. Run THFA-23 or equal from the 100 Amp Main Disconnect to DS15, using at least #6 RC. cable for a neutral.
10. Salvage and utilize where possible all switches, disconnects, outlets and wiring not shown on plan.
11. All emergency power outlets should be painted red.
12. Manufacture supports for fluorescent lamp fixtures over work benches. Use ½ inch galvanized pipe or other suitable material with sufficent strength to support fixtures. This type of support should only be used over benches adjacent to perpendicular bulkheads. All other fixtures should be suspended from the overhead, at height indicated on print. Fixtures over work benches are to be suspended 6½ ft. above deck level.
13. The Industrial Dept. will procure the fluorescent light fixtures.
14. Mount lighting fixtures on 2nd deck as close to the overhead as possible.
15. Install 8 ceiling mounted 200 w. incandescent lights with domed metal reflectors as shown by ⚠.
16. ⚠1 Install 6 circuit multibreaker at MB3 and 4 circuit multibreaker at MB 1.
17. Complete installation of fluorescent lighting fixtures as shown.

REVISION	DATE	APPD	DESCRIPTION	BY
⚠	2/14/51	J.F.M.	ADDITIONAL LIGHT CIRCUIT	PDR

P.W. DRAWING NO. A8-5

NAVAL OPERATING BASE GUAM, M.I.

N.O.B. INDUSTRIAL AREA
ELECTRONICS SHOP BLDG. 67-1
ELECTRICAL WIRING DIAGRAM

DES. J.P. Matthews
DRWN Zack
CHK. J.P. Matthews
SUPV
IN CHARGE Blyler

APPROVED J.F. Mulgrew, PUBLIC WORKS OFFICER — DATE 1944

SATISFACTORY TO: P.C. Lewis

SCALE ⅛" = 1'-0"
SHEET ___ OF ___
Y&D DRAWING NO. ___

5 N 26-5/4172