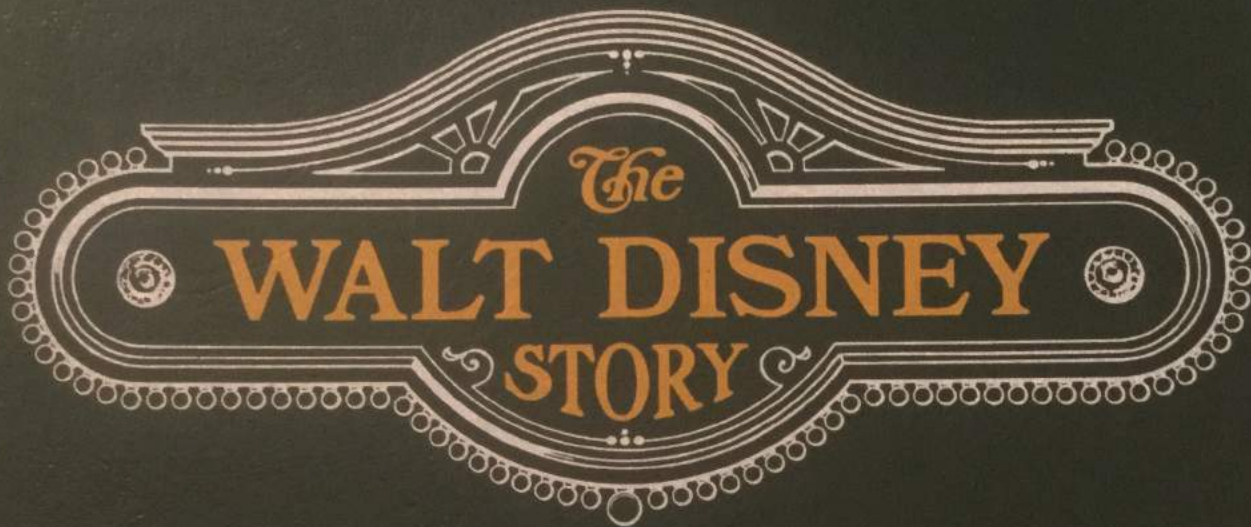


Disneyland



Maintenance Manual

WED ENTERPRISES, INC.
imagineering



INTER-OFFICE **mapo** COMMUNICATION
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ENGINEERING (MAPO)

ENCLOSURE (1);

MAINTENANCE MANUAL
WALT DISNEY STORY
DISNEYLAND

1. ENCLOSURE (1) IS DESIGNED TO SERVE AS AN AID/TOOL IN THE MAINTENANCE AND REPAIR OF THE PROJECTORS, FIGURES AND SUPPORT EQUIPMENT REPRESENTED IN THE WALT DISNEY STORY - DISNEYLAND.
2. YOUR EVALUATION AND CONSIDERATION OF THE CONTENTS OF THIS MANUAL, AS WELL AS SUGGESTIONS AND "CONSTRUCTIVE" CRITICISM, IS REQUESTED.

MONTE HOULT
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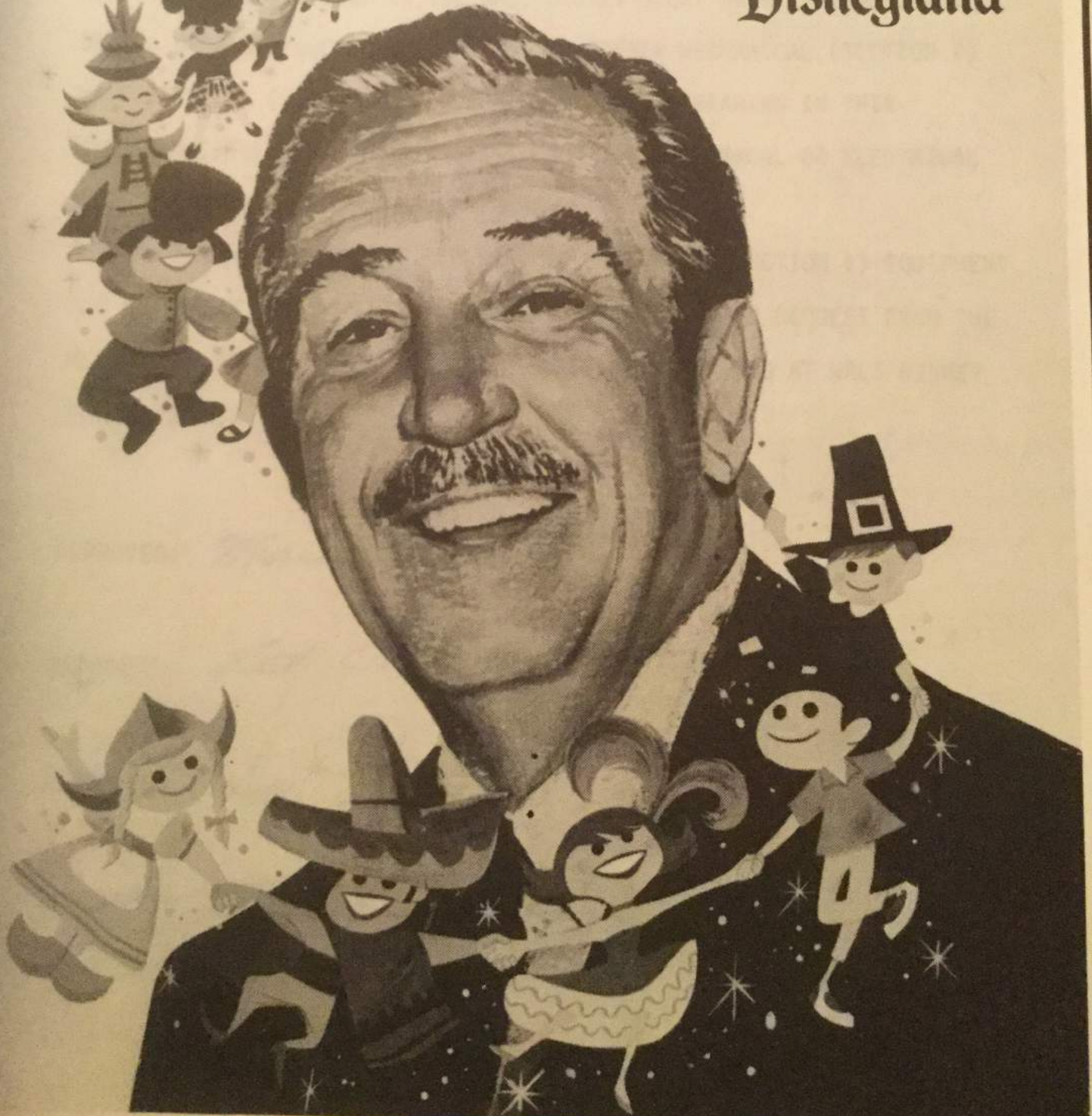
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the WALT DISNEY STORY



Disneyland



PREFACE
MAINTENANCE MANUAL
WALT DISNEY STORY
DISNEYLAND

THIS DOCUMENT IS PREPARED AS A READY REFERENCE/MAINTENANCE MANUAL FOR USE IN THE REPAIR AND MAINTENANCE OF PROJECTORS, FIGURES AND SUPPORT EQUIPMENT USED IN THE WALT DISNEY STORY SHOW - DISNEYLAND. DETAIL DRAWINGS/DOCUMENTS APPLYING TO EITHER MECHANICAL (SECTION 2) OR ELECTRICAL (SECTION 3) EQUIPMENT AND NOT APPEARING IN THIS MANUAL ARE AVAILABLE UPON REQUEST FROM THE MECHANICAL OR ELECTRICAL ENGINEERING DEPARTMENT HEADS AT MAPO.

DETAIL DRAWINGS/DOCUMENTS APPLYING TO PROJECTOR (SECTION 4) EQUIPMENT AND NOT APPEARING IN THIS MANUAL ARE AVAILABLE UPON REQUEST FROM THE MECHANICAL OR ELECTRICAL ENGINEERING DEPARTMENT HEAD AT WALT DISNEY STUDIO MACHINE SHOP.

APPROVED: *Morris Houser*

APPROVED: *Ed Christensen*

APPROVED: *Low Tuber*

APPROVED: *[Signature]*

WALT DISNEY STORY

MAINTENANCE MANUAL

WALT DISNEY STORY

DISNEYLAND

INTRODUCTION

TABLE OF CONTENTS

The purpose of this Manual is to provide a guide for use in the assembly, disassembly, repair and maintenance of the Walt Disney Story Show, Disneyland.

The main "Table of Contents" lists only the major sections within the manual, i.e., Equipment Location, Mechanical, etc. For the complete Table of Contents breakdown, refer to first sheet of each major section.

Information, illustrations, and specifications contained in this document are based on the latest product information available at the time of publication approval.

The WALT DISNEY STORY

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| 4 | PROJECTORS | 69 |

SECTION 1













































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LOCATION**

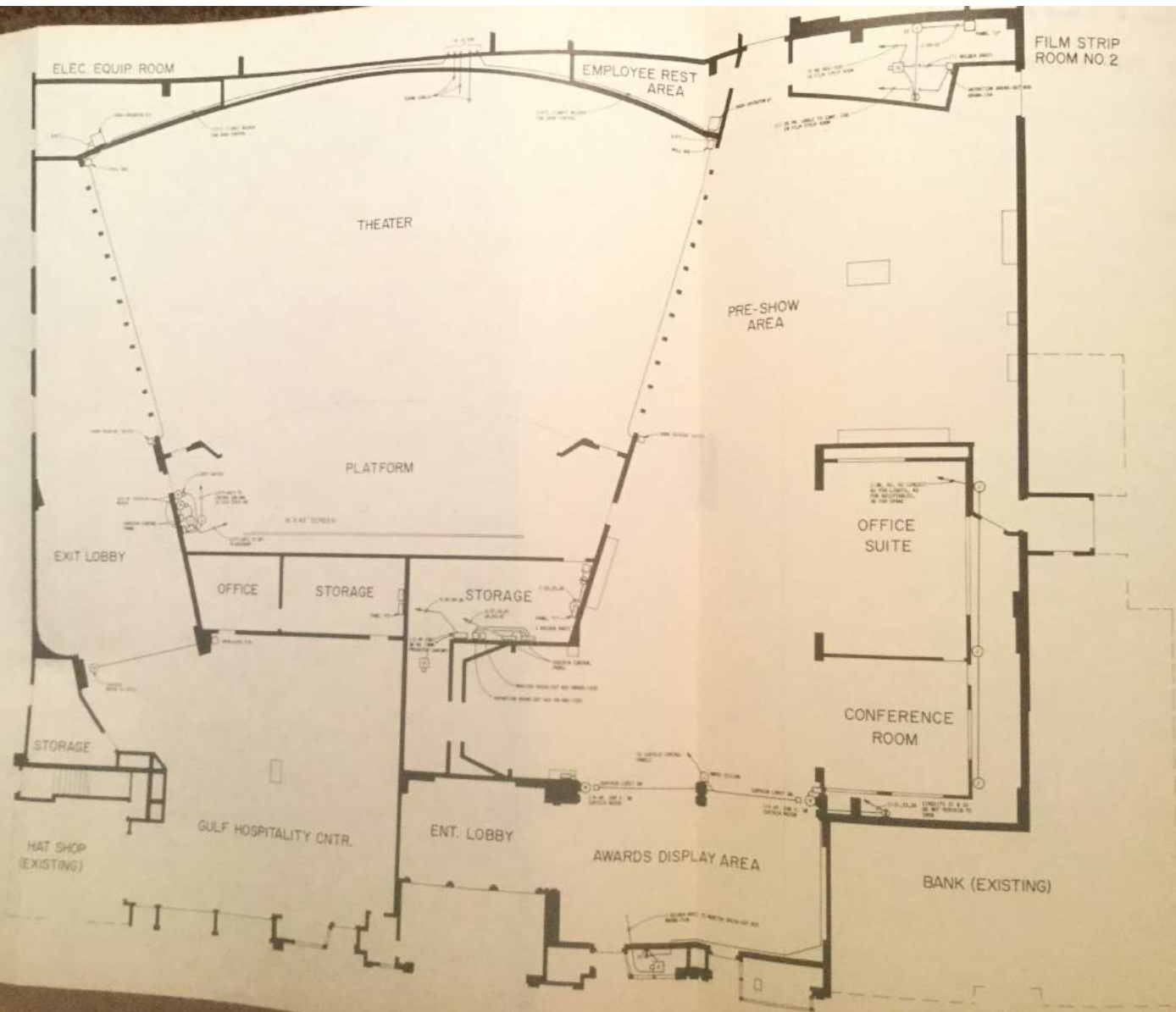
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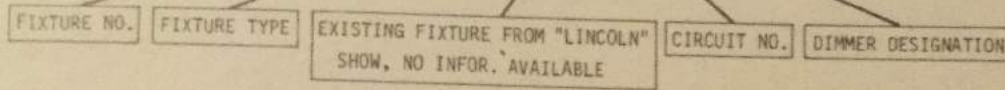
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| 2 | SHOW SOUND LAYOUT | 5 |
| 3 | SHOW LIGHTING LAYOUT | 7 |

LEGEND

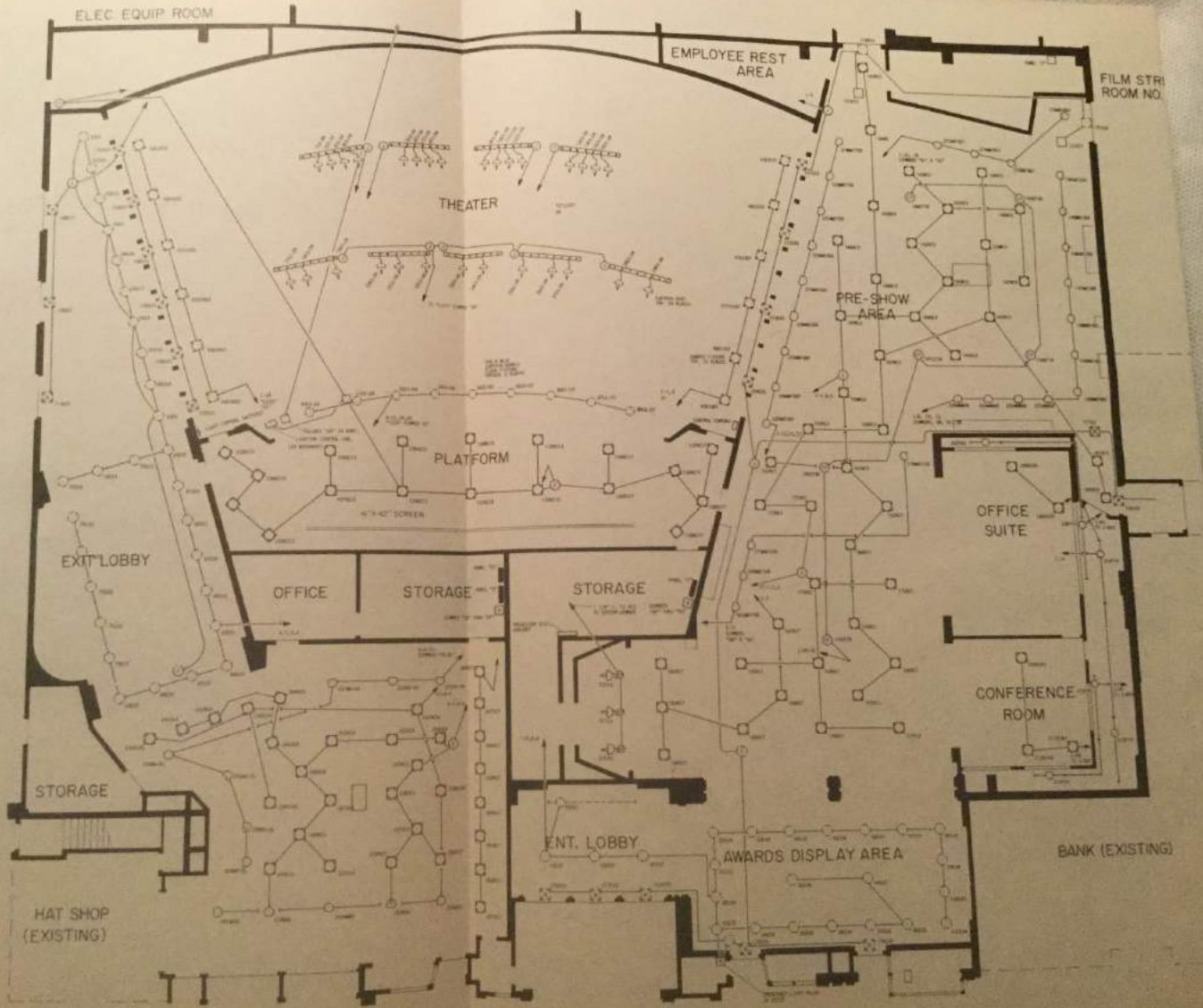
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|---|--|---|-------|-----------------------------|
|  | = FIGURE LOCATOR |  | WL | = WARNING SIGN |
|  | = 70 MM PROJECTOR |  | X | = EXIT SIGN |
|  | = 35 MM PROJECTOR |  | P | = PHOTO-ELECTRIC CELL |
|  | = 16 MM PROJECTOR |  | D | = MANUAL DIMMER |
|  | = 10 X 10 PROJECTOR |  | S | = SPEAKER |
|  | = SPINDLER PROJECTOR |  | S | = SPEAKER BOX |
|  | = SPOT PROJECTOR |  | T | = TRANSFORMER |
|  | = WAVE PATTERN PROJECTOR |  | | = LIGHTING PANEL |
|  | = PORTHOLE PROJECTOR |  | | = POWER PANEL |
|  | MM = MINIMOLE SPOT |  | | = SINGLE PLUG RECEPTICLE |
|  | M = MOLENSER SPOT PROJECTOR |  | | = DOUBLE " " |
|  | L = LEKO FRAMING SPOT |  | | = TRIPLE " " |
|  | RC = RECESSED CEILING LIGHT |  | T | = RECEPTICLE W/TWIST LOCK |
|  | CP = CEILING PENDANT |  | J | = JUNCTION BOX |
|  | WW = WALL WASH |  | PB | = PULL BOX |
|  | CR = CURTAIN LIGHT |  | M 5HP | = MOTOR W/HORSEPOWER RATING |
|  | BL = BORDER LIGHT |  | HP | = HYDRAULIC PUMP |
|  | WS = WALL SCONCE |  | WP | = WATER PUMP |
|  | F = FLUORESCENT LIGHT |  | | = PUSH BUTTON |
|  | FP = FLUORESCENT LIGHT, PENDANT TYPE |  | 38 | = CABLE NO. |
|  | FT = FOOT LIGHT |  | | = CONDUIT DOWN |
|  | = SPECIAL LIGHTING FIXTURE, 1e: CHANDELIER LIGHT |  | | = CONDUIT UP |



204 WW(EX) 8 DB



| FIXT. NO. | FIXT. TYPE | MFR. DESIGNATION | WATTS |
|--------------|------------------|---------------------|-------|
| 1 THRU 116 | EXISTING | INFO. NOT AVAILABLE | ----- |
| 117 | EXIT | MARCO XC23-F21 | 6 |
| 118 & 119 | EXISTING | INFO. NOT AVAILABLE | ----- |
| 120 | EXIT | MARCO XC23-F21 | 6 |
| 121 | EXISTING | INFO. NOT AVAILABLE | ----- |
| 122 | EXIT | MARCO XC23-F21 | 6 |
| 123 THRU 177 | RECESSED CEILING | MARCO JD4-T407 | 150 |
| 178 THRU 181 | WALL WASH | PRESCOLITE 128-935 | 250 |
| 182 THRU 187 | RECESSED CEILING | MARCO JD4-T407 | 150 |
| 188 THRU 193 | CHARACTER FIXT. | RUBY 1856 | 25 |
| 194 THRU 204 | WALL WASH | PRESCOLITE 128-935 | 250 |
| 205 & 206 | RECESSED CEILING | MARCO JD4-T407 | 150 |
| 207 & 208 | FLUORESCENT | | 40 |
| 209 | RECESSED CEILING | MARCO JD4-T407 | 150 |
| 210 | RECESSED CEILING | MARCO JD4-T407 | 150 |
| 211 | RECESSED CEILING | MARCO JD4-T407 | 150 |
| 212 THRU 215 | FLUORESCENT | | 40 |
| 216 | EXISTING | | ----- |
| 217 | EXISTING | INFO. NOT AVAILABLE | ----- |
| 218 | EXISTING | | ----- |
| 219 THRU 233 | WALL WASH | PRESCOLITE 128-935 | 250 |
| 234 THRU 238 | RECESSED CEILING | MARCO JD4-T40 | 150 |
| 239 | WALL WASH | PRESCOLITE 128-935 | 250 |
| 240 | WALL WASH | PRESCOLITE 128-935 | 250 |
| 241 | WALL WASH | PRESCOLITE 128-935 | 250 |
| 242 THRU 249 | RECESSED CEILING | MARCO JD4-T407 | 150 |
| 250 | WALL WASH | PRESCOLITE 128-935 | 250 |
| 251 THRU 259 | RECESSED CEILING | MARCO JD4-T407 | 150 |
| 260 | WALL WASH | PRESCOLITE 128-935 | 250 |
| 261 THRU 268 | RECESSED CEILING | MARCO JD4-T407 | 150 |
| 269 | WALL WASH | PRESCOLITE 128-935 | 250 |
| 270 THRU 272 | EXISTING | INFO. NOT AVAILABLE | ----- |
| 273 THRU 276 | WALL WASH | PRESCOLITE 128-935 | 250 |
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SECTION 2

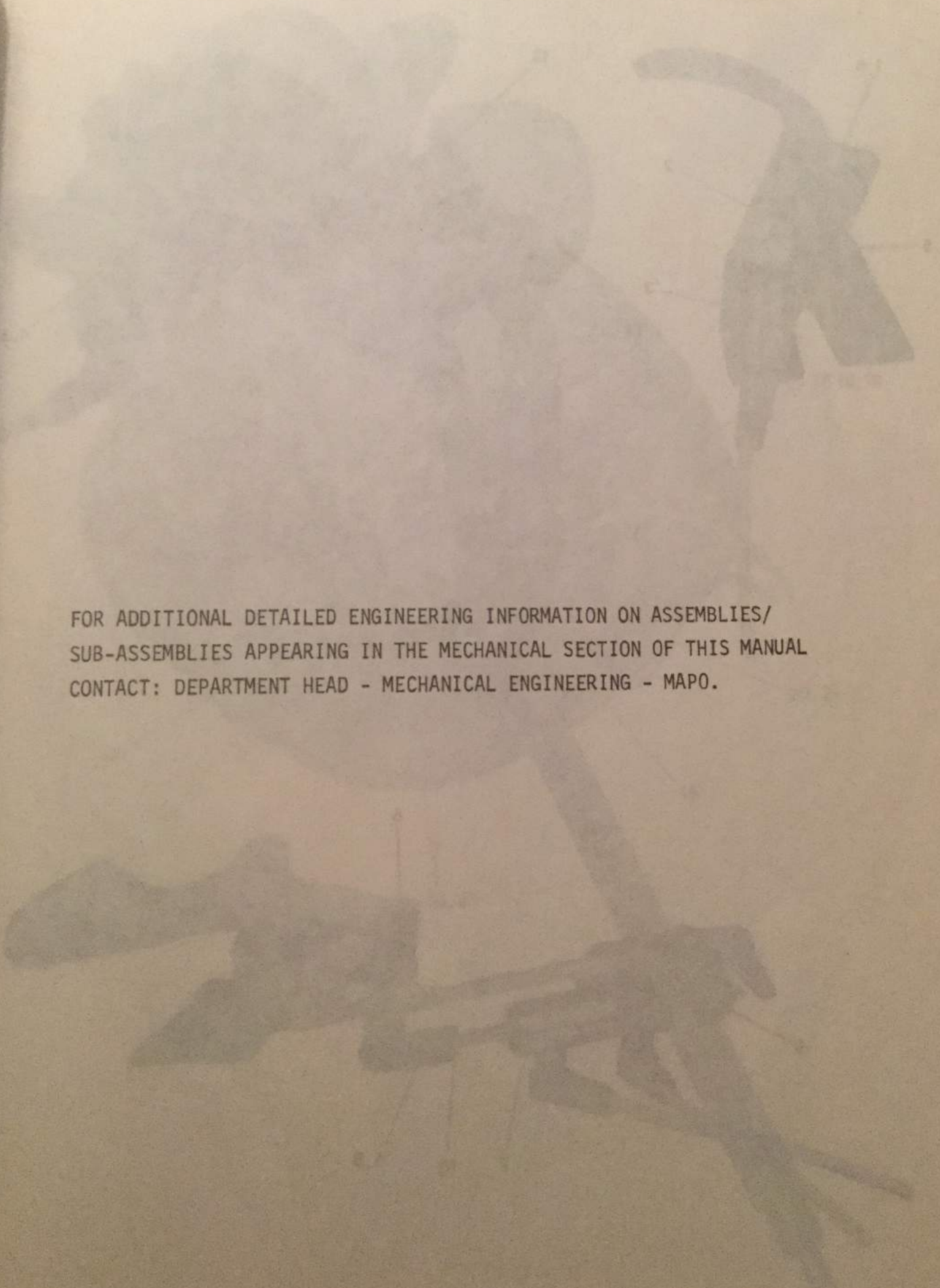
MECHANICAL

SECTION 2

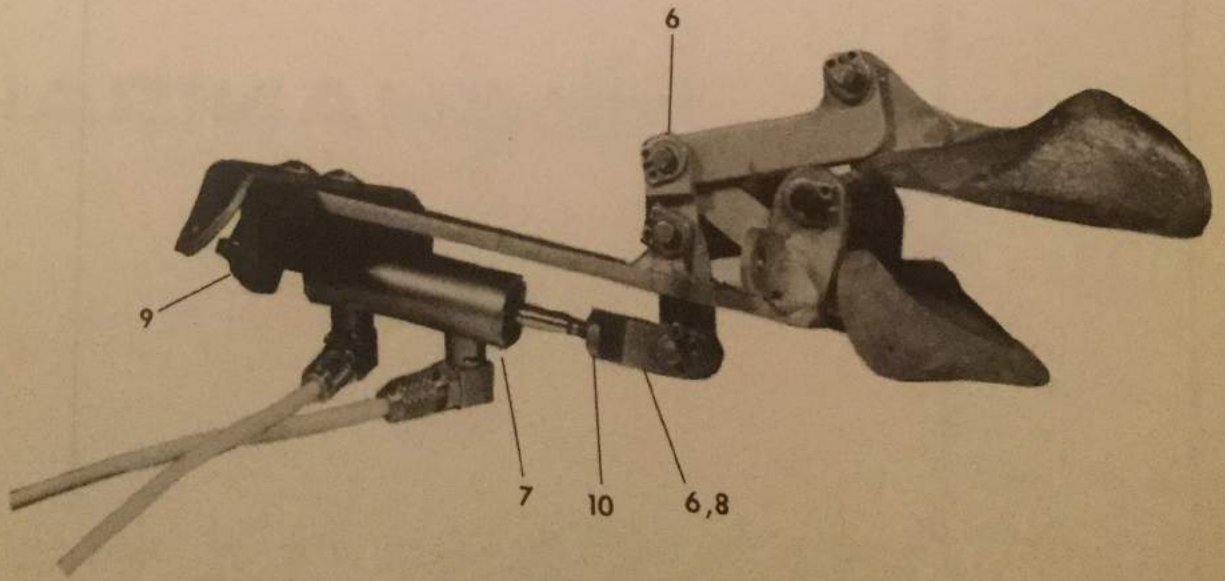
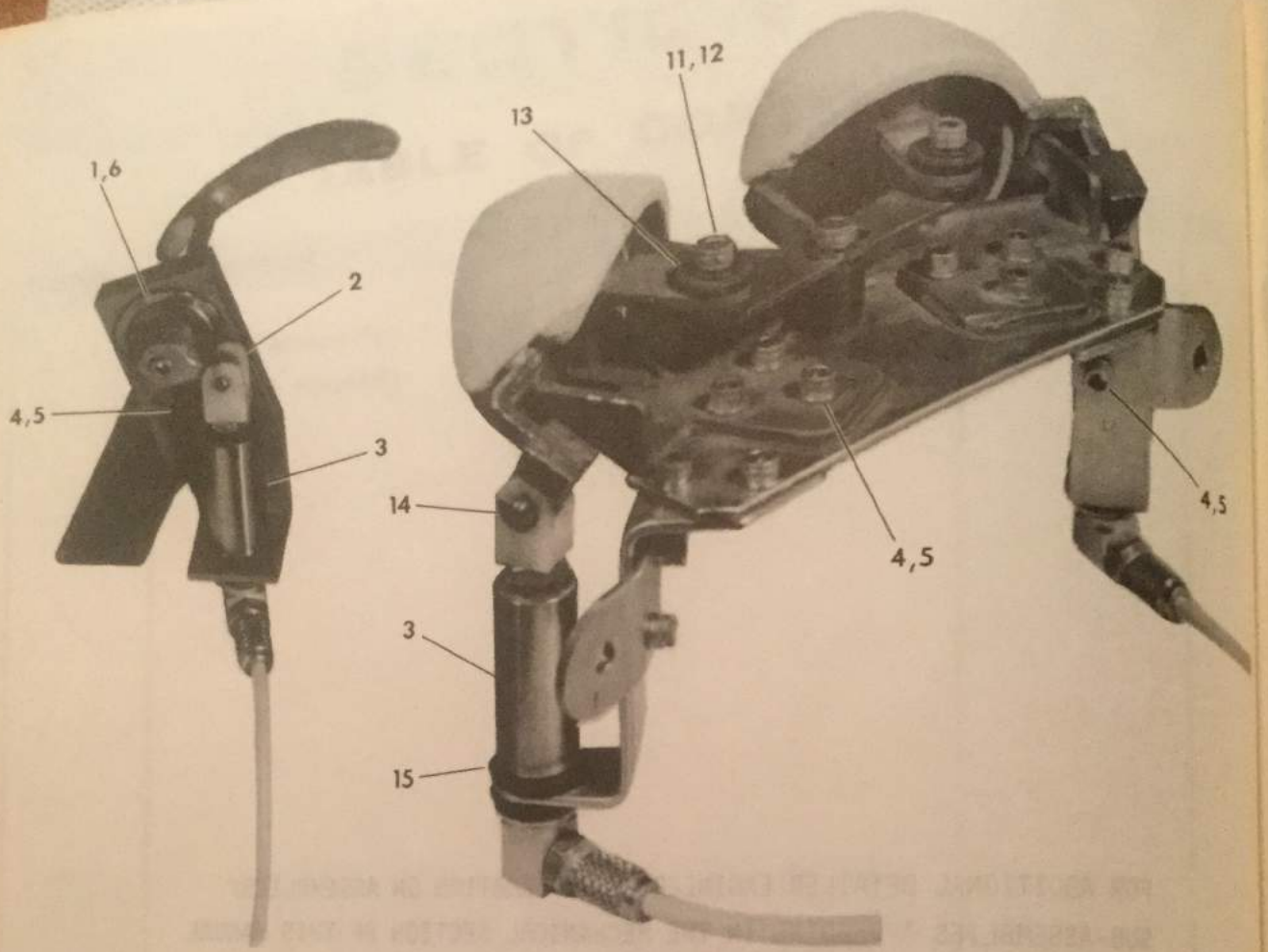
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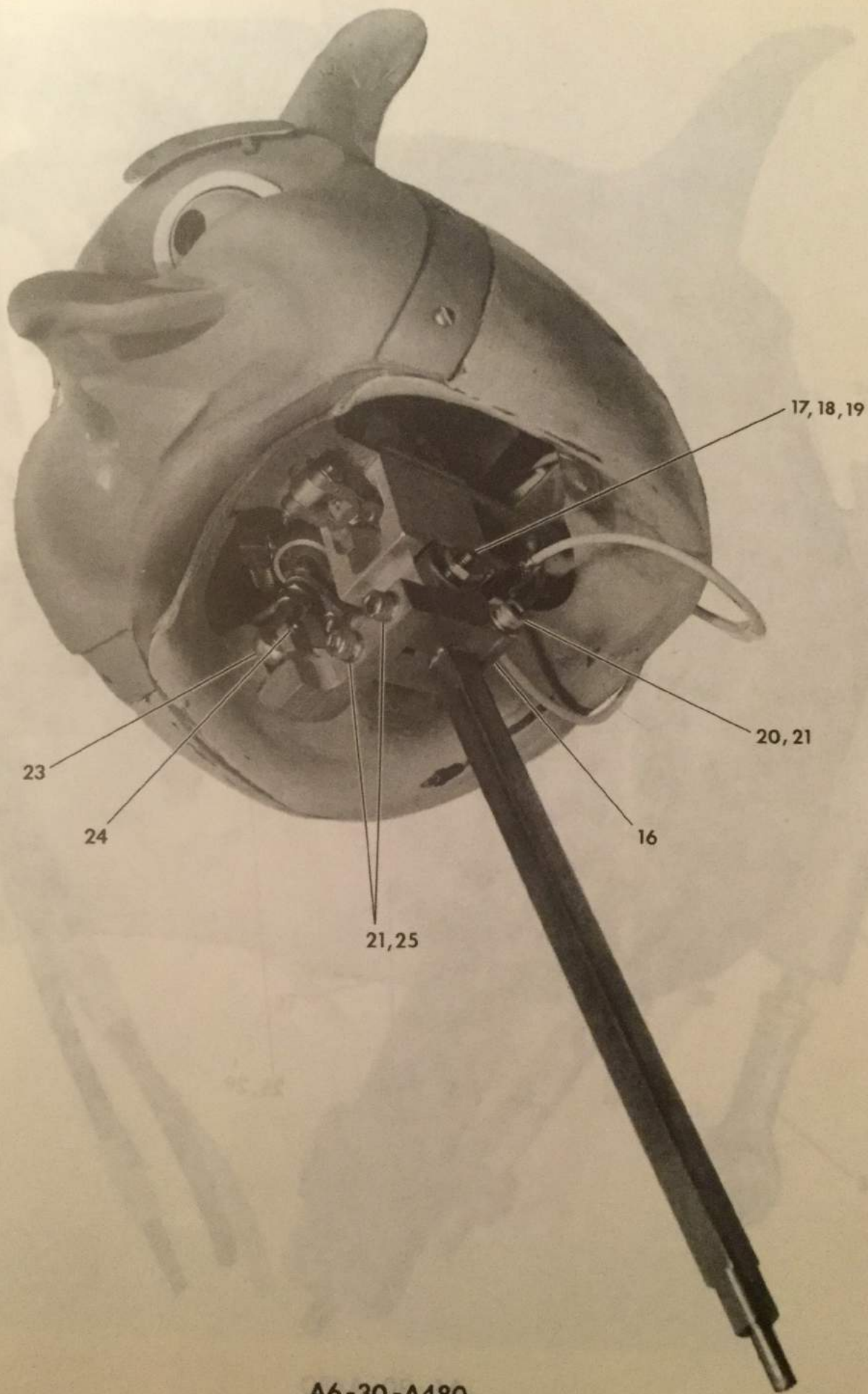
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SECTION 2
MECHANICAL

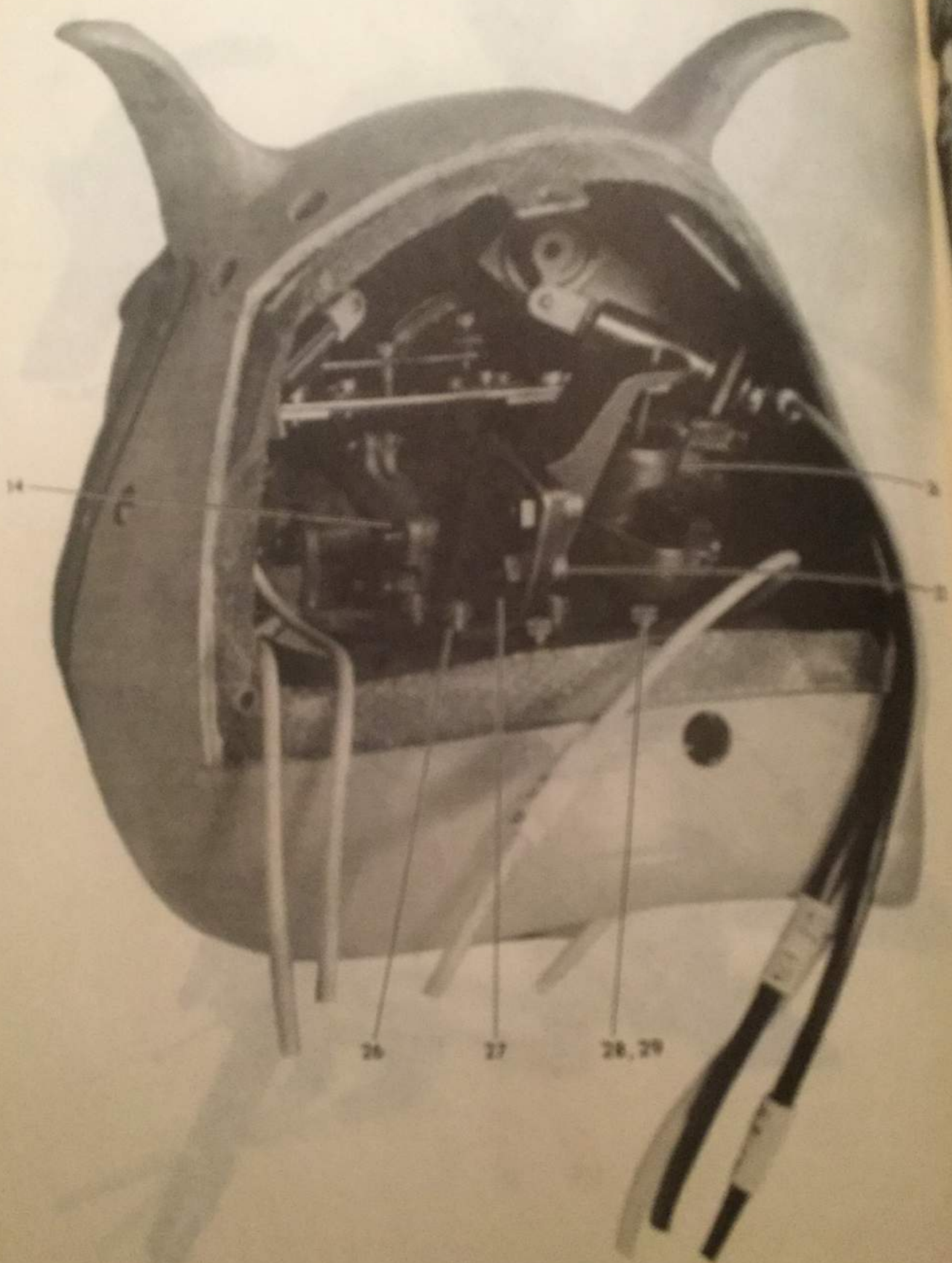


FOR ADDITIONAL DETAILED ENGINEERING INFORMATION ON ASSEMBLIES/
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CONTACT: DEPARTMENT HEAD - MECHANICAL ENGINEERING - MAPO.

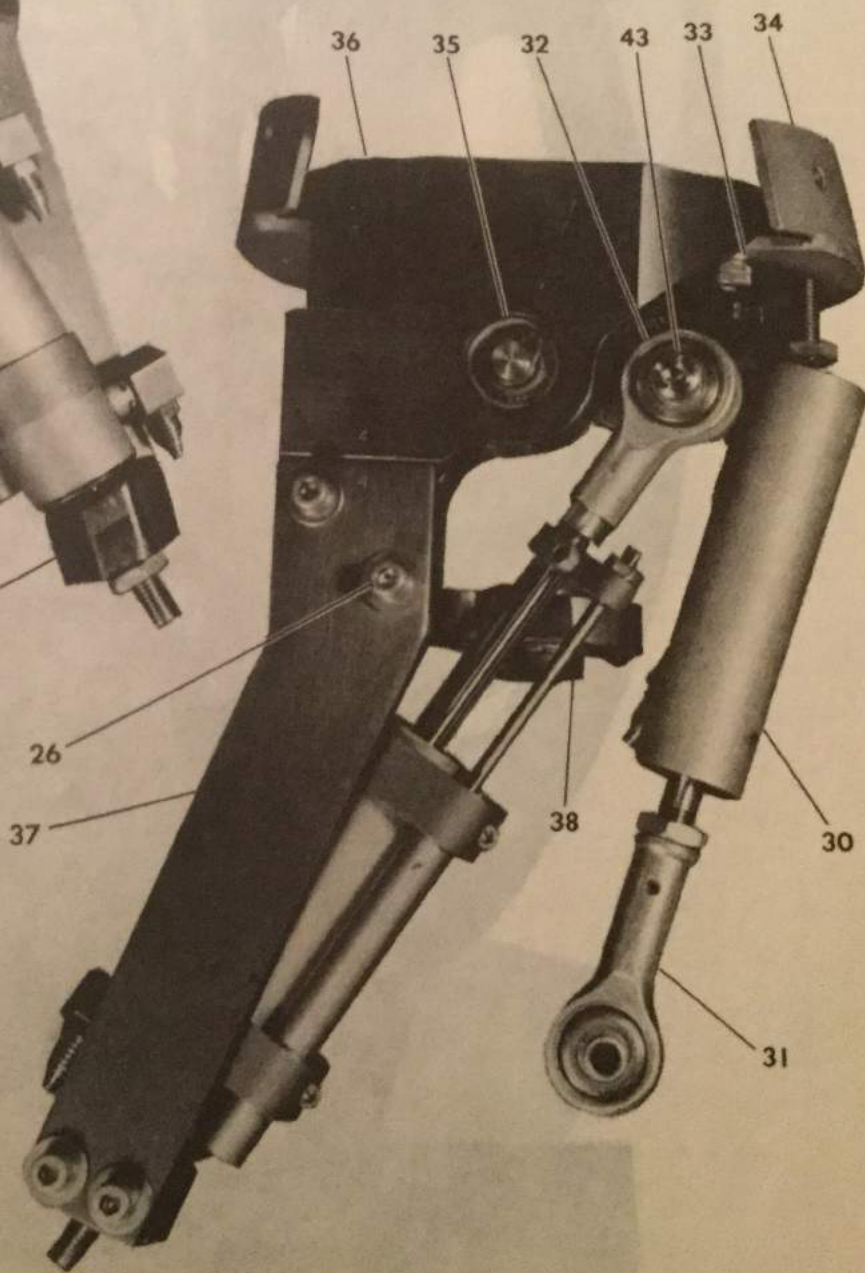
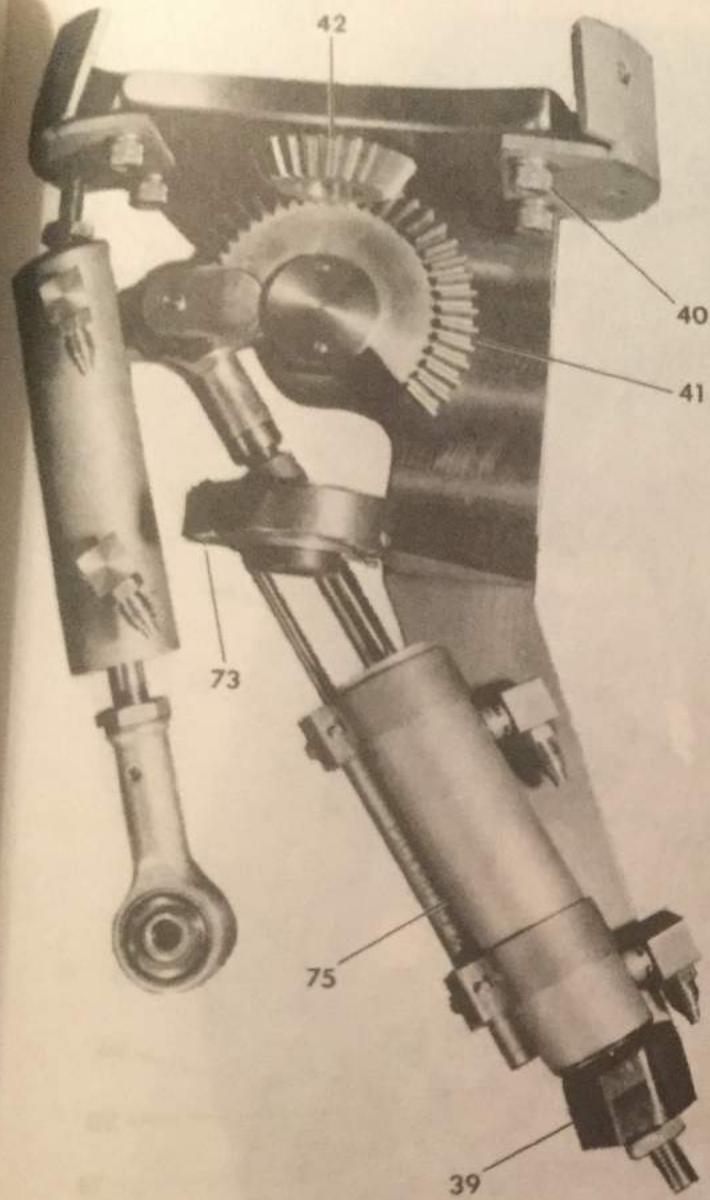




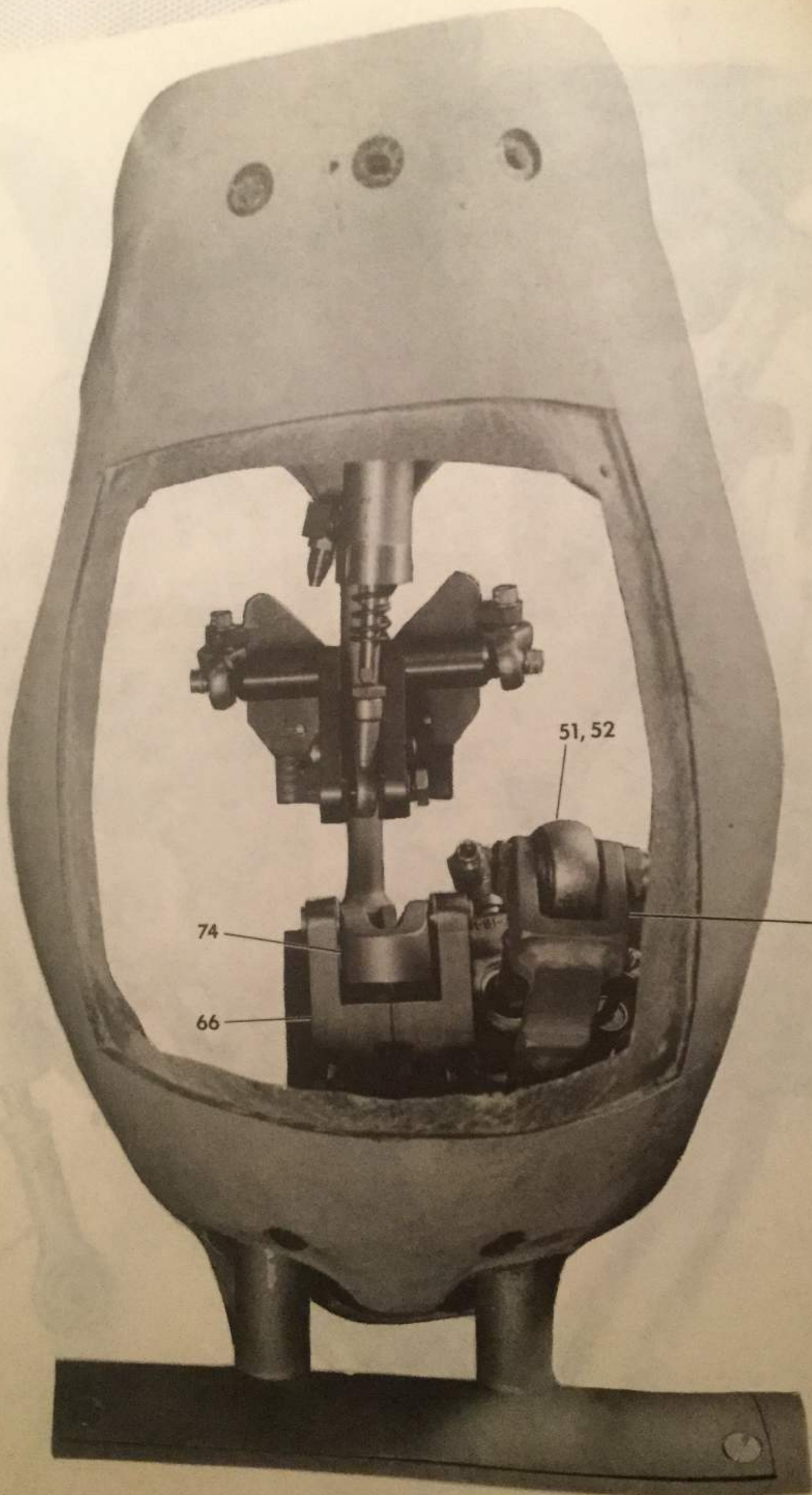
A6-30-A480
OWL ASSEMBLY
SHEET 2 OF 7



A6-30-A480
OWL ASSEMBLY
SHEET 3 OF 7

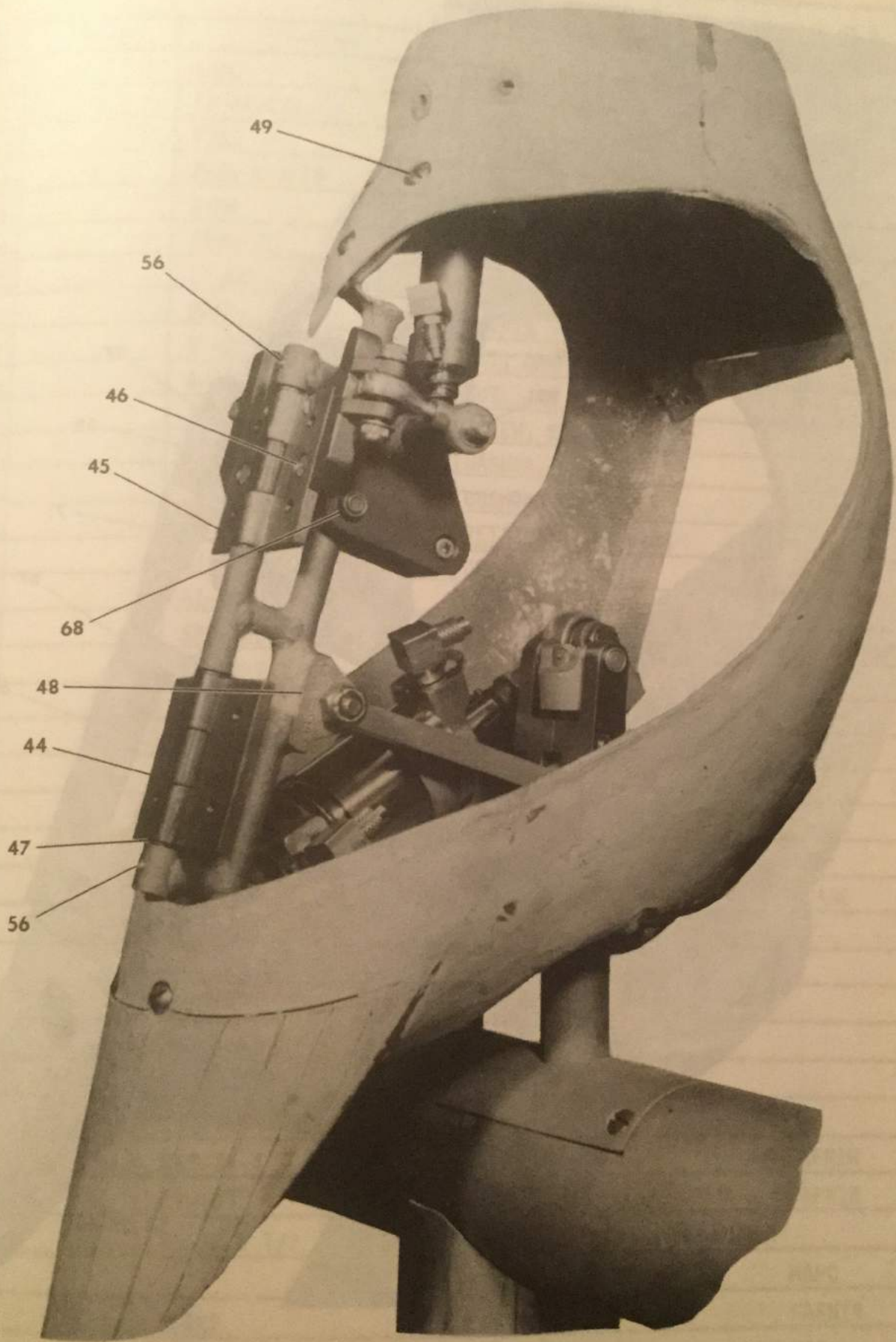


A6-30-A480
 OWL ASSEMBLY
 SHEET 4 OF 7

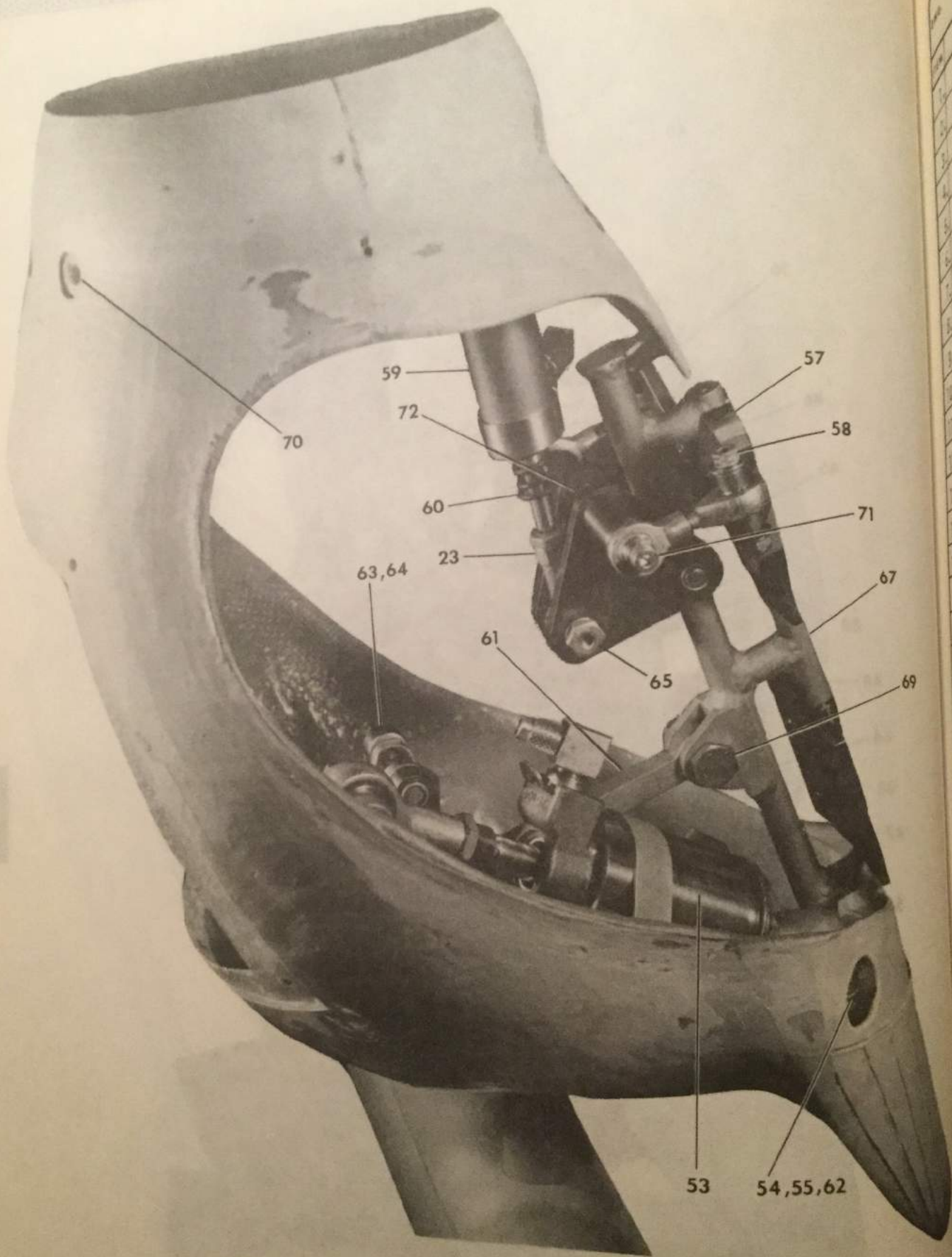


A6-30-A480
OWL ASSEMBLY
SHEET 5 OF 7

5b
46
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68
48
44
47
56



A6-30-A480
OWL ASSEMBLY
SHEET 6 OF 7



A6-30-A480
OWL ASSEMBLY
SHEET 7 OF 7

| ITEM | WDF NO. | PART NO. | DESCRIPTION | QTY. |
|------|---------|---------------|----------------------------|------|
| 1. | | FADD | BEARING | |
| 2. | | A4-31-C33 | CLEVIS FAFNIR | 2 |
| 3. | | CY55 | ACTUATOR DELRIN | 4 |
| 4. | | 2-56 X 3/16 | SCREW, SOC HD | 4 |
| 5. | | 2-56 | WASHER, LOCK | 18 |
| 6. | | 7100-12 | RING, RETAINING | 18 |
| 7. | | CY-60 | ACTUATOR TRUARC | 14 |
| 8. | | HD48 | CLEVIS | 1 |
| 9. | | 5-40 | NUT, JAM | 1 |
| 10. | | 4-40 | NUT, JAM | 1 |
| 11. | | 3-48 X 5/16 | SCREW, SOC HD | 1 |
| 12. | | 3-48 | WASHER, LOCK | 3 |
| 13. | | | BUSHING | 3 |
| 14. | | 5133-9 | RETAINING "E" RING DELRIN | 2 |
| 15. | | 2146 | GROMMET TRUARC | 6 |
| 16. | | A1-12-C166 | HOUSING, BEARING | 4 |
| 17. | | SR3PPEEK25/8 | BEARING NEW HAMPSHIRE | 1 |
| 18. | | 10-32 X 1 1/4 | BOLT, HEX HD | 2 |
| 19. | | 10-32 | NUT, LOCK | 1 |
| 20. | | 8-32 X 1 | SCREW, SOC HD | 1 |
| 21. | | 8-32 | WASHER, LOCK | 1 |
| 22. | | CY-42-1 | ACTUATOR (HEAD NOD) | 1 |
| 23. | | HF-2 | ROD END HEIM | 1 |
| 24. | | 1000-12 | "E" RING TRUARC | 2 |
| 25. | | 8-32 X 5/8 | SCREW, SOC HD | 2 |
| 26. | | 6-32 X 3/8 | SCREW, SOC HD | 10 |
| 27. | | 6-32 | NUT, HEX | 2 |
| 28. | | 4-40 X 3/16 | SCREW, SOC HD | 4 |
| 29. | | 4-40 | WASHER, LOCK | 4 |
| 30. | | CY-125-4 | ACTUATOR | 1 |
| 31. | | REP 3F-4 | ROD END FAFNIR | 1 |
| 32. | | CY-151 | ROD END FAFNIR | 1 |
| 33. | | 10-32 X 1/2 | BOLT, SOC HD W/LOCK WASHER | 4 |
| 34. | | | BTACKET, CUSTOM MAPO | 2 |
| 35. | | DW4K2 | BEARING FAFNIR | 1 |
| 36. | | | HOUSING, CUSTOM MAPO | 1 |
| 37. | | | HOUSING, CUSTOM MAPO | 1 |
| 38. | | | BUSHING, CUSTOM MAPO | 1 |

DWG. A6-30-A480 OWL ASSEMBLY

| ITEM | WDF NO. | PART NO. | DESCRIPTION | |
|------|---------|-------------|---|--------|
| | | | BRACKET, CUSTOM | MAPO |
| 39. | | 10-32 X 3/8 | BOLT, SOC HD W/LOCK WASHER | BOSTON |
| 40. | | 6487Y6 | GEAR, CUSTOM | BOSTON |
| 41. | | 6487YP | GEAR, CUSTOM | |
| 42. | | 10-32 X 1 | SCREW, SOC HD W/LOCK NUT | MAPO |
| 43. | | | HINGE, CUSTOM | MAPO |
| 44. | | | HINGE, CUSTOM | |
| 45. | | 4-40 X 3/16 | SCREW, FLAT HD | |
| 46. | | | BUSHING, BRASS | MAPO |
| 47. | | | CLEVIS, CUSTOM | |
| 48. | | 4-40 X 1/4 | SCREW, RD HD | MAPO |
| 49. | | | CLEVIS, CUSTOM | |
| 50. | | 10-32 X 1 | BOLT, HEX HD W/LOCK NUT | FAFNIR |
| 51. | | A3-78-D188 | ROD END | |
| 52. | | CY-250-1 | ACTUATOR | FAFNIR |
| 53. | | RA3M4-7 | ROD END | |
| 54. | | 10-32 X 1 | BOLT, HEX HD W/LOCK NUT | |
| 55. | | 4-40 X 1/8 | SET SCREW | MAPO |
| 56. | | | CLEVIS, CUSTOM | |
| 57. | | 5-40 X 3/4 | BOLT, SOC HD W/FLAT WASHER (4), LOCKNUT | |
| 58. | | CY-42-2 | ACTUATOR | |
| 59. | | | SPRING, 1/4 I.D. X .04 WIRE | |
| 60. | | | SHAFT, CUSTOM | MAPO |
| 61. | | | CLEVIS, CUSTOM | MAPO |
| 62. | | | CLEVIS, CUSTOM | MAPO |
| 63. | | | YOKE, CUSTOM | MAPO |
| 64. | | 5-40 X 3/4 | BOLT, SOC HD, W/FLAT WASHER, LOCKNUT | |
| 65. | | | CLEVIS, CUSTOM (PART OF 61) | MAPO |
| 66. | | | SUPPORT, CUSTOM | MAPO |
| 67. | | 3/16 X 1 | DOWEL | |
| 68. | | 10-32 X 3/4 | BOLT, HEX HD/LOCKNUT | |
| 69. | | 8-32 X 1/4 | SCREW, RD HD | |
| 70. | | 5-40 X 1/2 | BOLT, SOC HD | |
| 71. | | 5-40 X 1/2 | SCREW, FLAT HD | |
| 72. | | B538DD | BEARING | |
| 73. | | KP3A | BEARING | FAFNIR |
| 74. | | CY-125-4 | ACTUATOR W/FEED BACK | |

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ELECTRICAL

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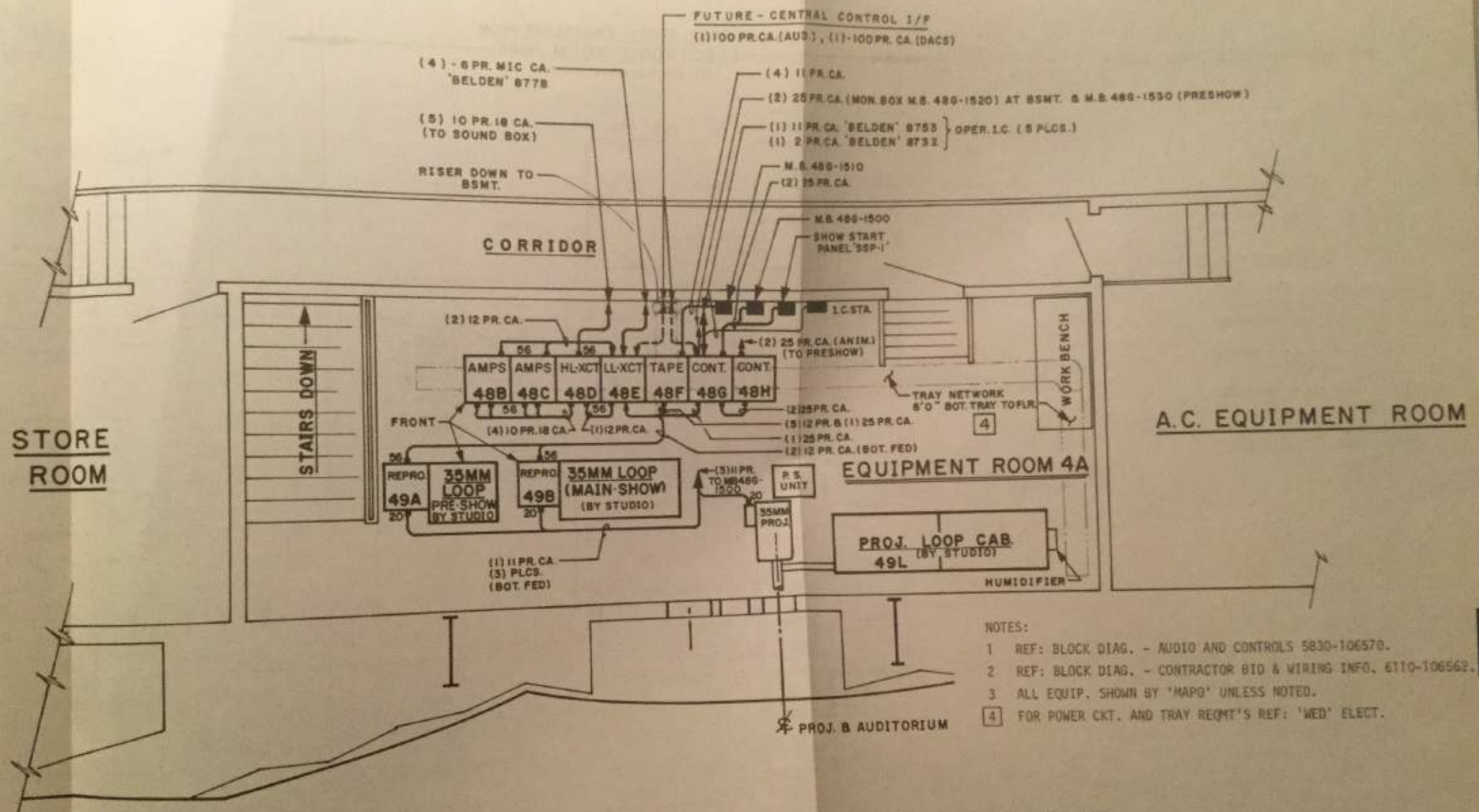
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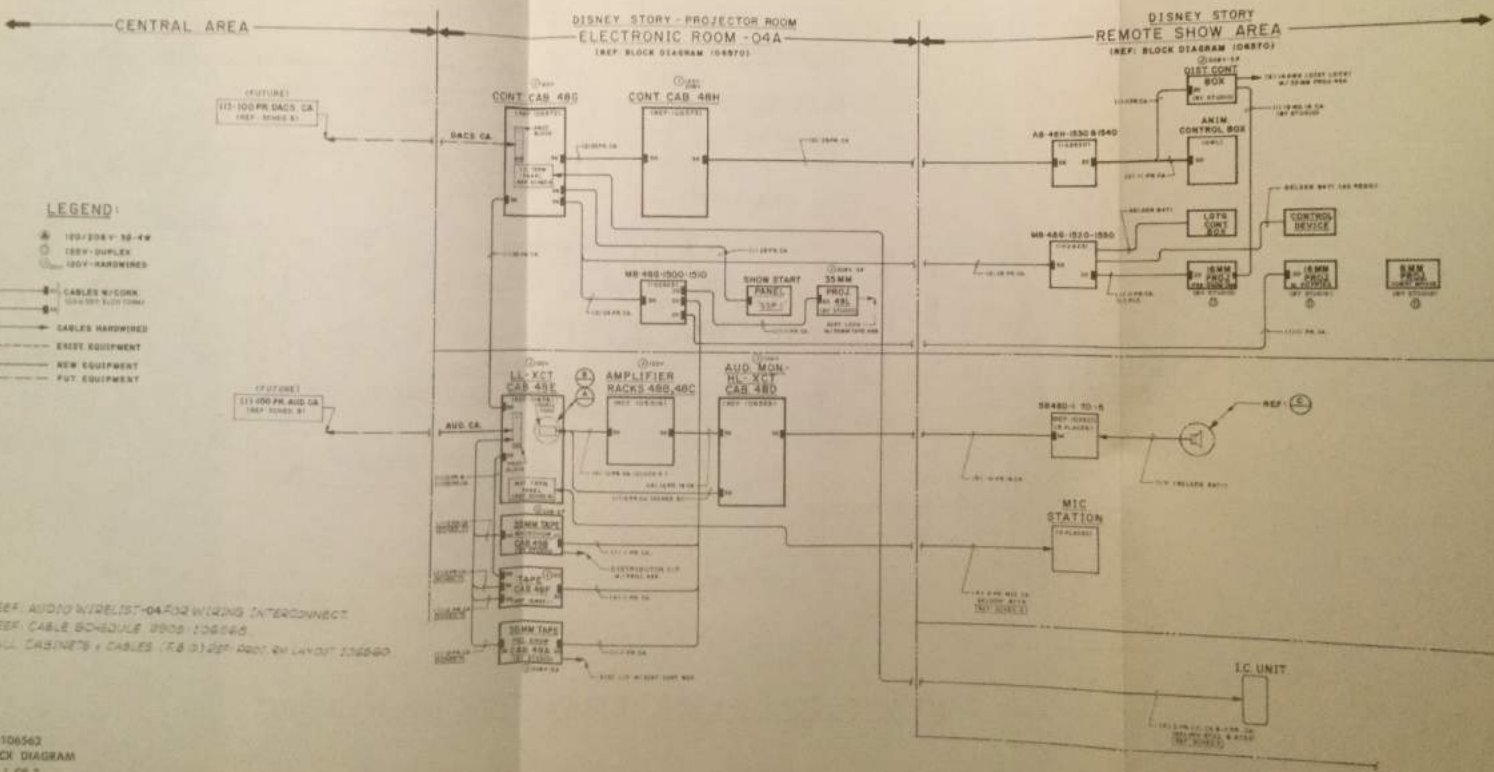
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FOR ADDITIONAL DETAILED ENGINEERING INFORMATION ON ASSEMBLIES/
SUB-ASSEMBLIES APPEARING IN THE ELECTRICAL SECTION OF THIS MANUAL
CONTACT: DEPARTMENT HEAD - ELECTRICAL/ELECTRONICS - MAPO.



'NEW' SECOND FLOOR - PROJECTION ROOM LAYOUT

- NOTES:
- 1 REF: BLOCK DIAG. - AUDIO AND CONTROLS 5830-106570.
 - 2 REF: BLOCK DIAG. - CONTRACTOR BID & WIRING INFO. 6110-106562.
 - 3 ALL EQUIP. SHOWN BY 'MAPD' UNLESS NOTED.
 - 4 FOR POWER CKT. AND TRAY REQ'T'S REF: 'MED' ELECT.



LEGEND:

- ⊛ 100' DUAL 16-4#
- ⊙ 100' DUPLEX
- ⊚ 100' HARDWIRED
- CABLES W/CONK
- CABLES HARDWIRED
- EXIST. EQUIPMENT
- NEW EQUIPMENT
- FUT. EQUIPMENT

1. REF. AUDIO WIRELIST-04-432 WIRING INTERCONNECT.
 2. REF. CABLE SCHEDULE 3000-106660.
 3. ALL CABINETS & CABLES (T.B.D.) 207-400' 4th LAYOUT 106660.

SCHEDULE 1
(TYP. 25 PR. CA. WIRING)

| PAIR NO. | D.F.P. FIELD USED | | D.F.P. FIELD USED | |
|----------|-------------------|--------------|-------------------|--------------|
| | TYP. PIN | WIRING COLOR | TYP. PIN | WIRING COLOR |
| 1 | A | WT | B | BL |
| 2 | A | WT | H | DK |
| 3 | A | WT | H | GN |
| 4 | A | WT | H | OR |
| 5 | A | WT | M | SLT |
| 6 | A | WT | P | BL |
| 7 | A | WT | V | OR |
| 8 | A | WT | V | GN |
| 9 | A | WT | V | OR |
| 10 | A | WT | V | GN |
| 11 | A | WT | V | OR |
| 12 | A | WT | V | GN |
| 13 | A | WT | V | OR |
| 14 | A | WT | V | GN |
| 15 | A | WT | V | OR |
| 16 | A | WT | V | GN |
| 17 | A | WT | V | OR |
| 18 | A | WT | V | GN |
| 19 | A | WT | V | OR |
| 20 | A | WT | V | GN |
| 21 | A | WT | V | OR |
| 22 | A | WT | V | GN |
| 23 | A | WT | V | OR |
| 24 | A | WT | V | GN |
| 25 | A | WT | V | OR |

SCHEDULE 2
(TYP. 12 PR. CA. WIRING)

| PAIR NO. | D.F.P. FIELD USED | | D.F.P. FIELD USED | |
|----------|-------------------|--------------|-------------------|--------------|
| | TYP. PIN | WIRING COLOR | TYP. PIN | WIRING COLOR |
| 1 | A | WT | B | BL |
| 2 | A | WT | D | OR |
| 3 | A | WT | H | GN |
| 4 | A | WT | H | OR |
| 5 | A | WT | M | SLT |
| 6 | A | WT | P | BL |
| 7 | A | WT | V | OR |
| 8 | A | WT | V | GN |
| 9 | A | WT | V | OR |
| 10 | A | WT | V | GN |
| 11 | A | WT | V | OR |
| 12 | A | WT | V | GN |

SCHEDULE 3
(TYP. 6 PR. MIC. CA. WIRING)

| PAIR NO. | COLOR | | EQUIPMENT | |
|----------|-----------|--------------|-----------|-------|
| | TYP. WIRE | WIRING COLOR | PREAMP | LLXCT |
| 1 | BA | RD | 2 | 2 |
| 2 | BA | RD | 3 | 3 |
| 3 | BA | WT | 4 | 4 |
| 4 | BA | GN | 5 | 5 |
| 5 | BA | AL | 6 | 6 |
| 6 | BA | AL | 7 | 7 |
| 7 | BA | AL | 8 | 8 |
| 8 | BA | AL | 9 | 9 |
| 9 | BA | AL | 10 | 10 |
| 10 | BA | AL | 11 | 11 |
| 11 | BA | AL | 12 | 12 |

NOTE: SHIELD ON PREAMP END NOT TO BE GROUNDED (FLOATING)

SCHEDULE 4
(6 PR. MIC. CA. WIRING)

| LLXCT CAB 48E | AREA |
|---------------|----------------|
| 7 | PROJECTOR ROOM |
| 8 | PRE SHOW |
| 9 | PRE SHOW |
| 10 | THEATER |
| 11 | THEATER |

NOTE: GROUND ALL INDIVIDUAL SHIELDS TO 1B MTS/50W

SCHEDULE 5
(2 & 11 PR. I.C. (OPER.) WIRING)

| PAIR NO. | COLOR | | FUNCTION |
|----------|----------|--------------|----------|
| | TYP. PIN | WIRING COLOR | |
| 1 | BA | RD | TALK |
| 2 | BA | RD | LISTEN |
| 3 | BA | WT | 21-52 |
| 4 | BA | WT | 23-54 |
| 5 | BA | WT | 25-56 |
| 6 | BA | WT | 27-58 |
| 7 | BA | WT | 29-60 |
| 8 | BA | WT | 31-62 |
| 9 | BA | WT | 33-64 |
| 10 | BA | WT | 35-66 |
| 11 | BA | WT | 37-68 |

SCHEDULE 6
(EQUIP. - POWER LOAD SCHED.)

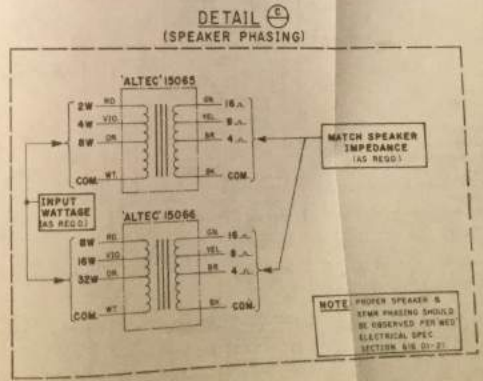
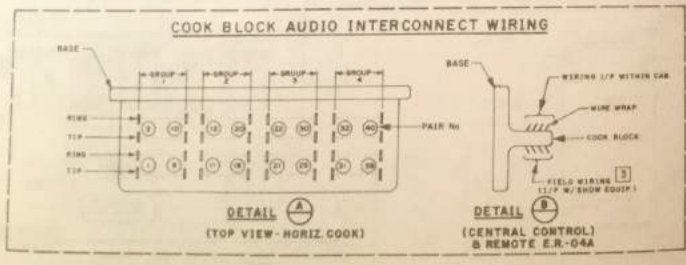
| TYPE OF EQUIP. | VOLTAGE & FREQ. | WATTS REQ. |
|------------------|-----------------|-----------------------|
| AMPLIFIER | 100-115V 60Hz | 1000 |
| AUD. MON. IN. | | 300 |
| 1/2" TAPE REC. | | 700 |
| 1/4" TAPE REC. | | 700 |
| CONT. CAB. REC. | | 1000 |
| CONT. CAB. REC. | | 1000 |
| CRY. GEN. UNIT | | 3000 |
| 2" DIA. B/W LOOP | | PER FRANK CONTROL BOX |
| 2" DIA. B/W LOOP | | 700 |
| 2" DIA. B/W LOOP | | 700 |
| 2" DIA. B/W LOOP | | 1000 |
| LAMP | | 4300 |
| 2" DIA. B/W LOOP | | 3000 |
| 2" DIA. B/W LOOP | | 1600 |
| 2" DIA. B/W LOOP | | 1600 |
| 2" DIA. B/W LOOP | | 300 |
| 2" DIA. B/W LOOP | | 300 |

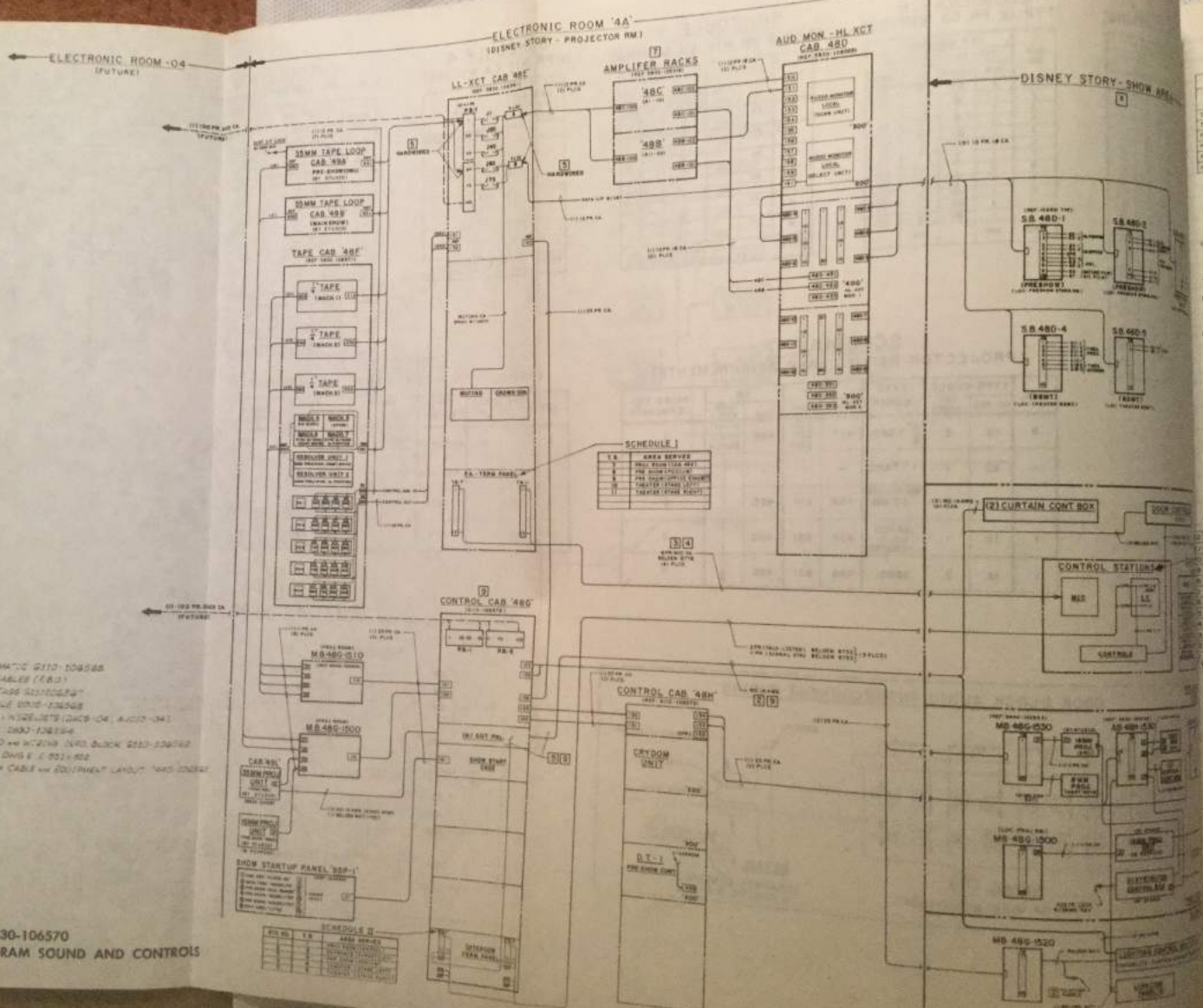
SCHEDULE 7
(PROJECTOR ROOM - CABLE REQUIREMENTS)

| QTY. | TYPE CABLE | TYPE EQUIP. | FROM | | TO | | PAIRS TO TERMINATE |
|------|------------|-----------------------|------|---------------|------|-------|--------------------|
| | | | CAB. | CONN. | CAB. | CONN. | |
| 3 | 12 2 | 1" TAPE | 48F | 210, 230, 250 | 48E | | 1 |
| - | 25 1 | 1" TAPE | - | - | - | - | - |
| 1 | 12 2 | MAIN SHOW 35 MM | 49B | 951 | 48E | | 6 |
| 1 | 12 1 | TAPES B.G. & RESOLVER | 48F | 951 | 48E | | 3 |
| 1 | 12 2 | 35MM | 49A | 951 | 48E | | 6 |

SCHEDULE 8
(PROJECTOR ROOM - CABLE REQUIREMENTS)

| QTY. | TYPE CABLE | TYPE EQUIP. | FROM | | TO | | PAIRS TO TERMINATE |
|------|------------|-------------------|------|-------|------|-------------|--------------------|
| | | | CAB. | CONN. | CAB. | CONN. | |
| 2 | 12 2 | AMPLIFIER 48B-48C | 100 | 48E | A | | 20 |
| 1 | 12 2 | AUD. MON. | 48D | 161 | 48E | B | 5 |
| 1 | 100 | AUDIO | | | 48E | PROT. BLOCK | 100 (FUTURE) |
| 1 | 100 | DACS | | | 48E | PROT. BLOCK | 75 (FUTURE) |





- 1 REF. CONTROL SCHEMATIC 2110-108888
- 2 ALL CABINETS & CABLES (180)
- 3 20' CABINET SCHEDULE 1010-110668
- 4 15' CABINET SCHEDULE 1010-110668
- 5 15' WORKING SCHEDULE 1010-110668
- 6 25' RA SCHEMATIC 2000-128194
- 7 REF. CONTRACTING BID # 47219 (SND. BLOCK 2110-108888)
- 8 REF. ELEC. FACILITY DWG. 4-1-5011-502
- 9 REF. PROJECTOR ROOM CABLE & EQUIPMENT LAYOUT 1000-108888

SCHEDULE I

| LINE | AREA SERVED |
|------|-------------|
| 1 | PROJ. ROOM |
| 2 | PROJ. ROOM |
| 3 | PROJ. ROOM |
| 4 | PROJ. ROOM |
| 5 | PROJ. ROOM |
| 6 | PROJ. ROOM |
| 7 | PROJ. ROOM |
| 8 | PROJ. ROOM |
| 9 | PROJ. ROOM |
| 10 | PROJ. ROOM |

SCHEDULE II

| LINE | AREA SERVED |
|------|-------------|
| 1 | PROJ. ROOM |
| 2 | PROJ. ROOM |
| 3 | PROJ. ROOM |
| 4 | PROJ. ROOM |
| 5 | PROJ. ROOM |
| 6 | PROJ. ROOM |
| 7 | PROJ. ROOM |
| 8 | PROJ. ROOM |
| 9 | PROJ. ROOM |
| 10 | PROJ. ROOM |

SCHEDULE

| LINE | AREA SERVED |
|------|-------------|
| 1 | PROJ. ROOM |
| 2 | PROJ. ROOM |
| 3 | PROJ. ROOM |
| 4 | PROJ. ROOM |
| 5 | PROJ. ROOM |
| 6 | PROJ. ROOM |
| 7 | PROJ. ROOM |
| 8 | PROJ. ROOM |
| 9 | PROJ. ROOM |
| 10 | PROJ. ROOM |

SCHEDULE

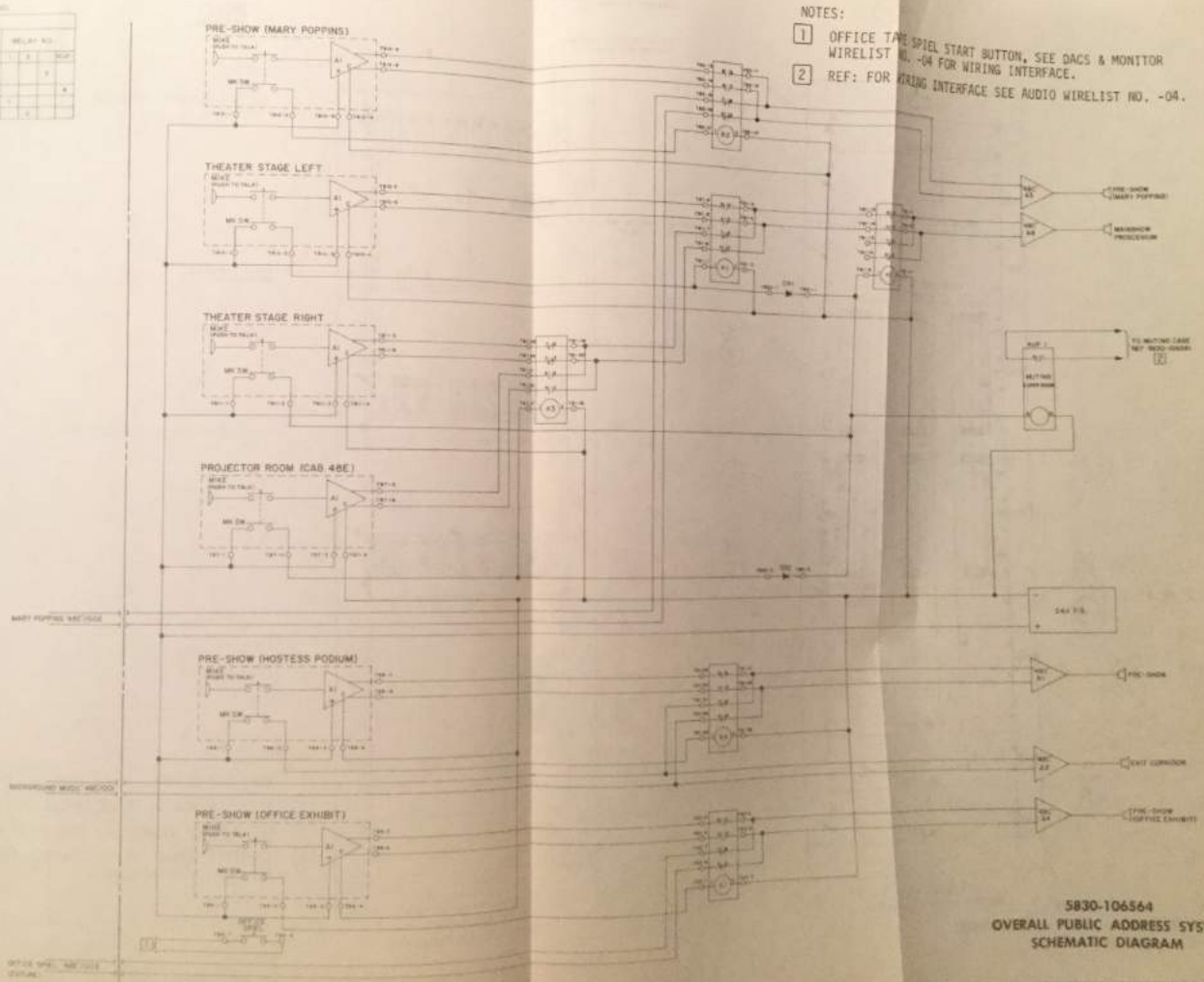
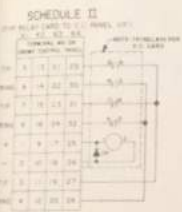
| LINE | AREA SERVED |
|------|-------------|
| 1 | PROJ. ROOM |
| 2 | PROJ. ROOM |
| 3 | PROJ. ROOM |
| 4 | PROJ. ROOM |
| 5 | PROJ. ROOM |
| 6 | PROJ. ROOM |
| 7 | PROJ. ROOM |
| 8 | PROJ. ROOM |
| 9 | PROJ. ROOM |
| 10 | PROJ. ROOM |

5830-106570
OVERALL BLOCK DIAGRAM SOUND AND CONTROLS

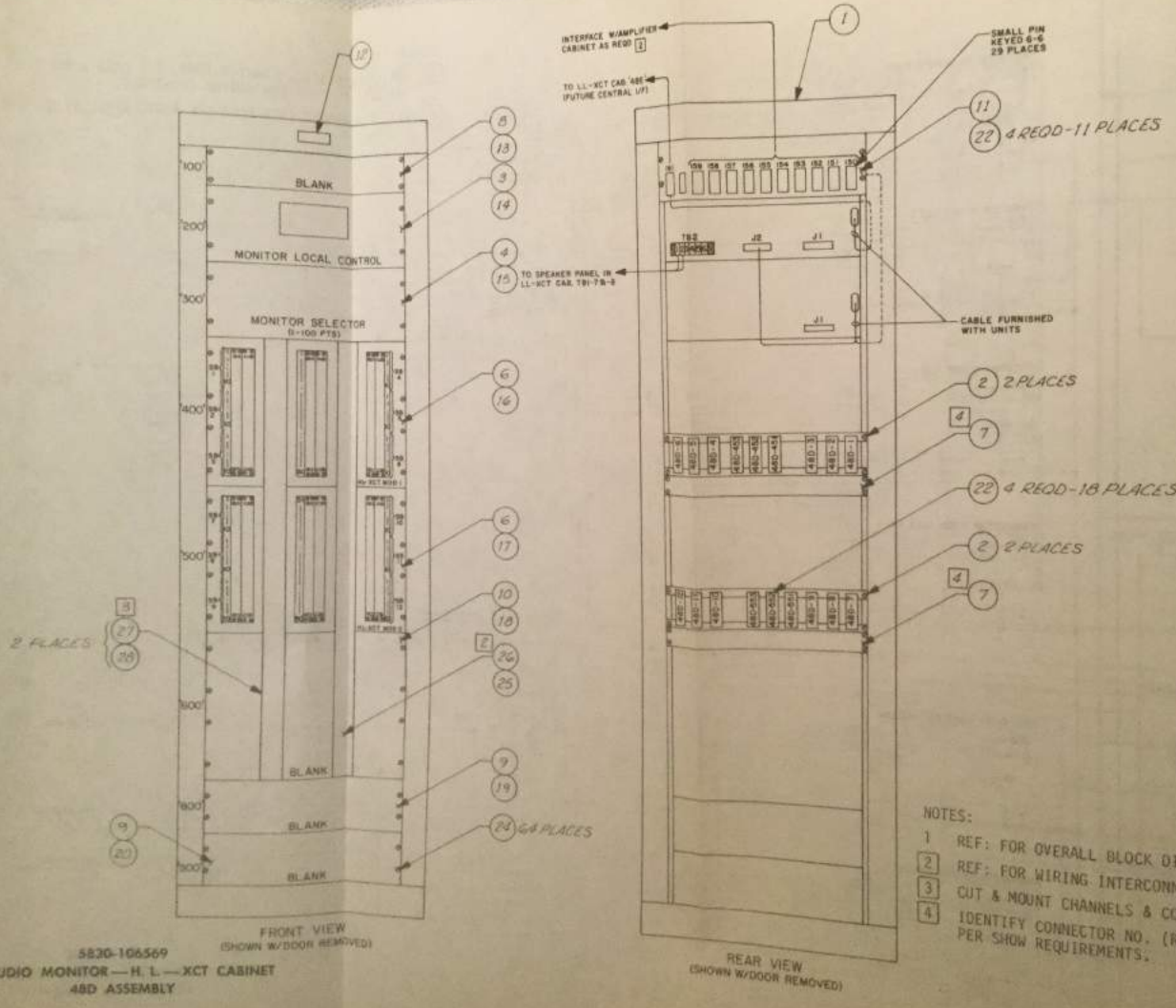
SCHEDULE I
S.I. ACTUATOR AND RELAY SYMBOLS

DISNEY STORY

| AREA | RELAY | WIRING | RELAY NO. | WIRING |
|---------------------------|-------|--------|-----------|--------|
| THEATER STAGE LEFT | 1 | 1 | 1 | 1 |
| THEATER STAGE RIGHT | 2 | 2 | 2 | 2 |
| PROJECTOR ROOM (CAB 48E) | 3 | 3 | 3 | 3 |
| PRE-SHOW (MARY POPPINS) | 4 | 4 | 4 | 4 |
| PRE-SHOW (HOSTESS PODIUM) | 5 | 5 | 5 | 5 |
| PRE-SHOW (OFFICE EXHIBIT) | 6 | 6 | 6 | 6 |



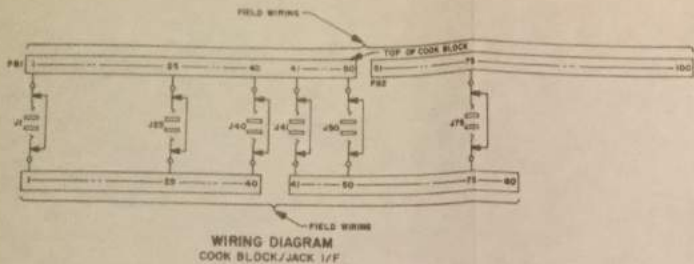
| | |
|-----|--|
| 1. | |
| 2. | |
| 3. | |
| 4. | |
| 5. | |
| 6. | |
| 7. | |
| 8. | |
| 9. | |
| 10. | |
| 11. | |
| 12. | |
| 13. | |
| 14. | |
| 15. | |
| 16. | |
| 17. | |
| 18. | |
| 19. | |
| 20. | |
| 21. | |
| 22. | |
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| 26. | |
| 27. | |
| 28. | |



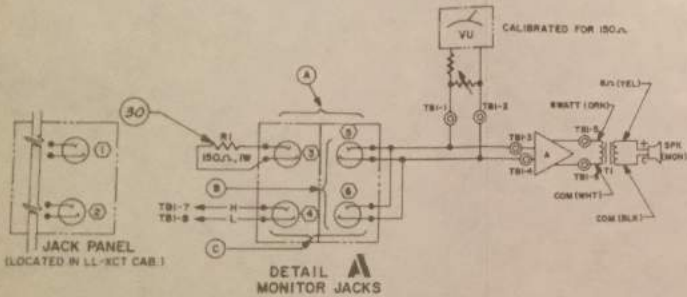
5830-106569
 AUDIO MONITOR—H. L.—XCT CABINET
 48D ASSEMBLY

- NOTES:
- 1 REF: FOR OVERALL BLOCK DIAG SEE DWG 5830-106570.
 - 2 REF: FOR WIRING INTERCONNECT SEE CNPTR WIRELIST.
 - 3 CUT & MOUNT CHANNELS & COVERS AS REQD.
 - 4 IDENTIFY CONNECTOR NO. (RUBBER STAMP OR TRANSFER PER SHOW REQUIREMENTS).

| ITEM | WDP NO. | PART NO. | DESCRIPTION | QTY. |
|------|---------|---------------|--|------------|
| 1. | | 10350 | CABINET | 1 |
| 2. | | 10279 | ANGLE, CONN SUPPORT | 4 |
| 3. | | 5830-106067 | MONITOR LOCAL CONTROL | 1 |
| 4. | | 5830-106068 | MONITOR SELECTOR | 1 |
| 5. | | | | |
| 6. | | 6110-103040 | ASSEMBLY, H.L.-XCT MODULE MOUNTING PLATE | 2 |
| 7. | | 6110-103410-1 | PANEL, BLANK (1.75) | 2 |
| 8. | | 6110-103410-2 | PANEL, BLANK (3.50) | 1 |
| 9. | | 6110-103410-3 | PANEL, BLANK (5.25) | 2 |
| 10. | | 6110-103410-8 | PANEL, BLANK (14.00) | 1 |
| 11. | | 6110-106448 | DETAIL, ELCO MOUNTING PANEL ITEM 4 | 1 |
| 12. | | 6110-106567 | NAMETAG, CABINET ITEM 3 | 1 |
| 13. | | 6110-104051 | IDENT PLATE CABINET MODULE ITEM 1 | 1 |
| 14. | | 6110-104051 | IDENT PLATE CABINET MODULE ITEM 4 | 1 |
| 15. | | 6110-104051 | IDENT PLATE CABINET MODULE ITEM 7 | 1 |
| 16. | | 6110-104051 | IDENT PLATE CABINET MODULE ITEM 10 | 1 |
| 17. | | 6110-104051 | IDENT PLATE CABINET MODULE ITEM 13 | 1 |
| 18. | | 6110-104051 | IDENT PLATE CABINET MODULE ITEM 16 | 1 |
| 19. | | 6110-104051 | IDENT PLATE CABINET MODULE ITEM 21 | 1 |
| 20. | | 6110-104051 | IDENT PLATE CABINET MODULE ITEM 23 | 1 |
| 21. | | | | |
| 22. | | MS16995-10 | SCREW, SOC HD, 4-40 X 3/8 LG SST | 116 |
| 23. | | | | |
| 24. | | MS51958-59 | SCREW, PAN HD, 10-32 X 1/4 LG SST | 64 |
| 25. | | 8460 | WIRE, STRANDED 2 COND, 18 AWG | BELDEN A/R |
| 26. | | A535-06 | LUG, SPADE | ETC A/R |
| 27. | | C2WH6 | COVER | PANDUIT 2 |
| 28. | | E2X2WH6 | CHANNEL | PANDUIT 2 |



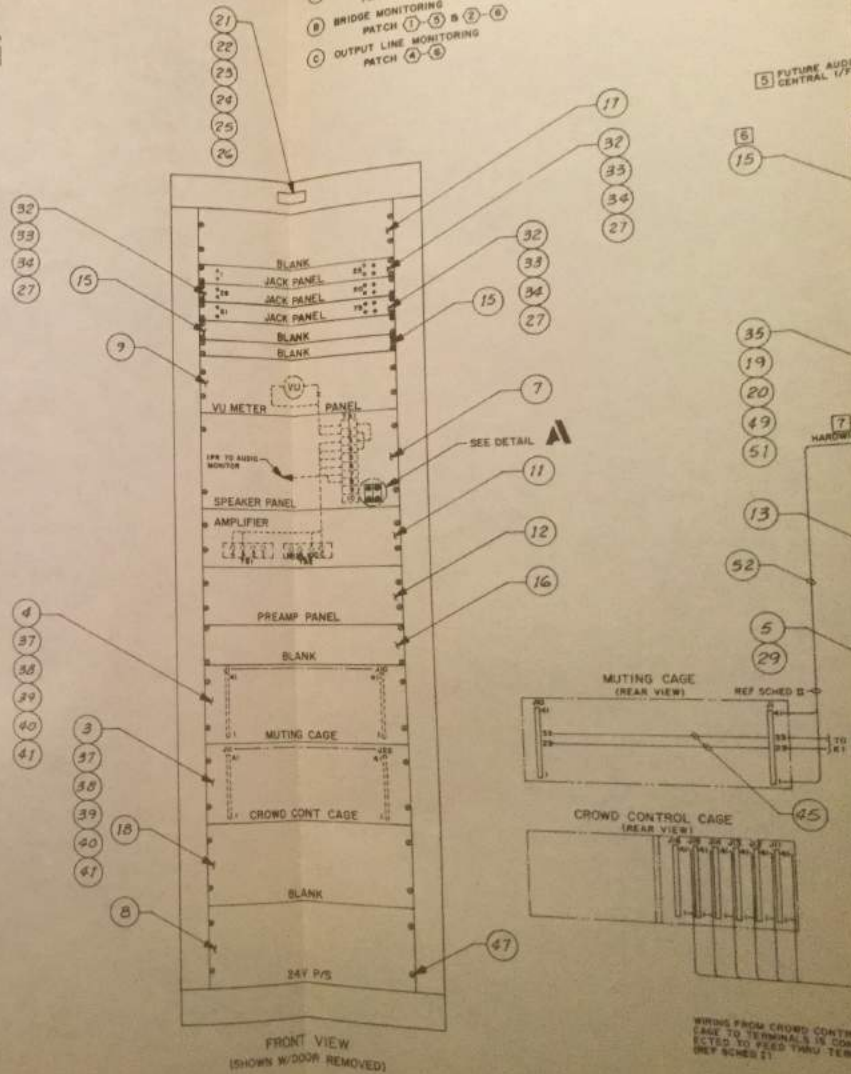
WIRING DIAGRAM
COOK BLOCK/JACK I/F



DETAIL A
MONITOR JACKS

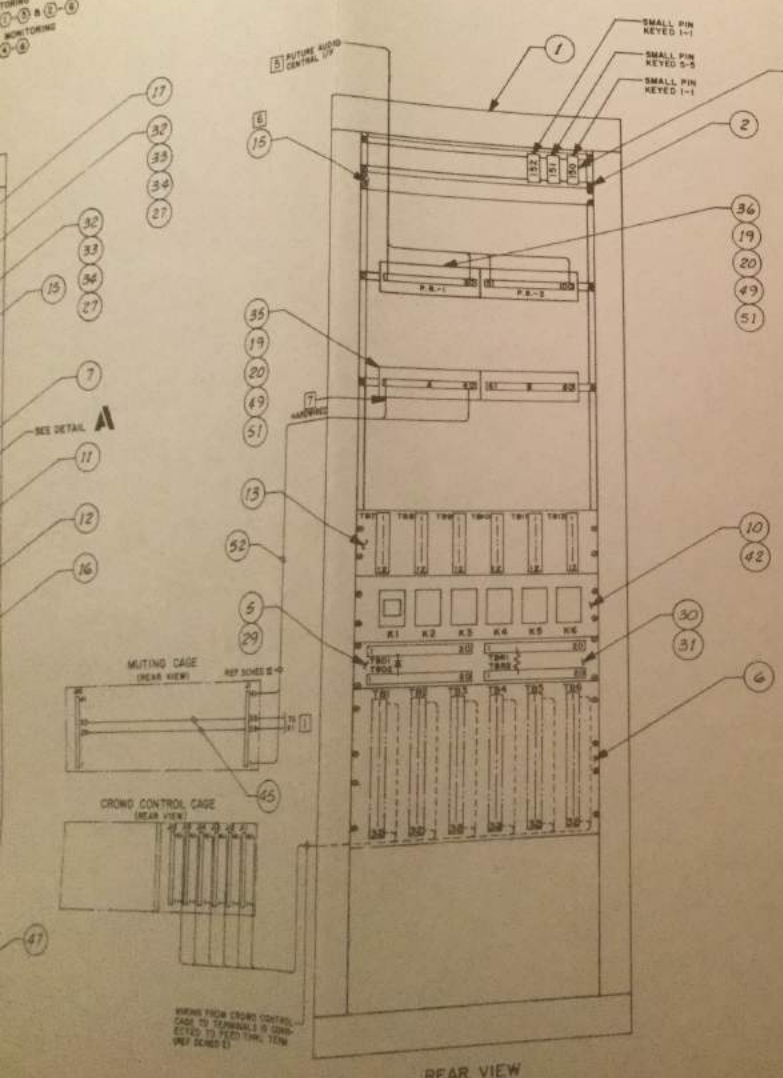
- 7 REF AUDIO WIRELIST PER SHOW REQUIREMENTS.
 - 6 IDENTIFY CONNECTOR NO. (RUBBER STAMP OR TRANSFER LETTERS .14 HIGH). LOCATE APPROX AS SHOWN.
 - 5 FOR PROTECTOR BLOCK TERMINATION REF CONTRACTOR BID AND WIRING INFO PER SHOW.
 - 4 ALL XCT WIRING ON REAR OF PANELS TO BE DONE BY MAPO ON A PER SHOW REQUIREMENT. REF AUDIO WIRE LIST PER SHOW.
 - 3 REF FOR MUTING P.C BOARD SCHEMATIC SEE DWG 5830-103337.
 - 2 REF FOR RELAY P.C BOARD SCHEMATIC SEE DWG 5830-103327.
 - 1 REF P.A. SCHEMATIC & AUDIO BLOCK DIAG PER SHOW.
- NOTES: UNLESS OTHERWISE SPECIFIED

- 63 PLUG POSITIONS:
- A MONITORING WITH ISO./EXTERNAL LOAD PATCH (1-5) B (3-6)
 - B BRIDGE MONITORING PATCH (1-5) B (2-6)
 - C OUTPUT LINE MONITORING PATCH (A-6)



FRONT VIEW
(SHOWS W/DOOR REMOVED)

WITH ISOL. EXTERNAL LOAD
 ①-③ & ④-⑥
 FORMING
 ①-③ & ②-⑥
 MONITORING
 ①-②



SCHEDULE I

| FROM CARD CAGE CONN J11-J16 PIN NO. | TO TERM NO. INPUT-OUTPUT PANEL TBI-TBE | | WIRE COLOR | FUNCTION |
|-------------------------------------|--|------|------------|----------|
| | TIP | RING | | |
| 1 | 1 | 2 | WHT/BLU | K 1 |
| 2 | 3 | 4 | BLU/WHT | |
| 3 | 5 | 6 | WHT/GRN | |
| 4 | 7 | 8 | GRN/WHT | |
| 5 | 9 | 10 | WHT/BRN | |
| 6 | 11 | 12 | BRN/WHT | K 2 |
| 7 | 13 | 14 | WHT/BLU | |
| 8 | 15 | 16 | BLU/WHT | |
| 9 | 17 | 18 | WHT/GRN | |
| 10 | 19 | 20 | GRN/WHT | |
| 11 | 21 | 22 | WHT/BRN | K 3 |
| 12 | 23 | 24 | BRN/WHT | |
| 13 | 25 | 26 | WHT/BLU | |
| 14 | 27 | 28 | BLU/WHT | |
| 15 | 29 | 30 | WHT/GRN | |
| 16 | 31 | 32 | GRN/WHT | K 4 |
| 17 | 33 | 34 | WHT/BRN | |
| 18 | 35 | 36 | BRN/WHT | |
| 19 | 37 | 38 | WHT/BLU | |
| 20 | 39 | 40 | BLU/WHT | |
| 21 | 41 | 42 | WHT/GRN | |
| 22 | 43 | 44 | GRN/WHT | |
| 23 | 45 | 46 | WHT/BRN | |
| 24 | 47 | 48 | BRN/WHT | |
| 25 | 49 | 50 | WHT/BLU | |
| 26 | 51 | 52 | BLU/WHT | |
| 27 | 53 | 54 | WHT/GRN | |
| 28 | 55 | 56 | GRN/WHT | |
| 29 | 57 | 58 | WHT/BRN | |
| 30 | 59 | 60 | BRN/WHT | |
| 31 | 61 | 62 | WHT/BLU | |
| 32 | 63 | 64 | BLU/WHT | |
| 33 | 65 | 66 | WHT/GRN | |
| 34 | 67 | 68 | GRN/WHT | |
| 35 | 69 | 70 | WHT/BRN | |
| 36 | 71 | 72 | BRN/WHT | |
| 37 | 73 | 74 | WHT/BLU | |
| 38 | 75 | 76 | BLU/WHT | |
| 39 | 77 | 78 | WHT/GRN | |
| 40 | 79 | 80 | GRN/WHT | |
| 41 | 81 | 82 | WHT/BRN | |
| 42 | 83 | 84 | BRN/WHT | |
| 43 | 85 | 86 | WHT/BLU | |
| 44 | 87 | 88 | BLU/WHT | |
| 45 | 89 | 90 | WHT/GRN | |
| 46 | 91 | 92 | GRN/WHT | |
| 47 | 93 | 94 | WHT/BRN | |
| 48 | 95 | 96 | BRN/WHT | |
| 49 | 97 | 98 | WHT/BLU | |
| 50 | 99 | 100 | BLU/WHT | |
| 51 | 101 | 102 | WHT/GRN | |
| 52 | 103 | 104 | GRN/WHT | |
| 53 | 105 | 106 | WHT/BRN | |
| 54 | 107 | 108 | BRN/WHT | |
| 55 | 109 | 110 | WHT/BLU | |
| 56 | 111 | 112 | BLU/WHT | |
| 57 | 113 | 114 | WHT/GRN | |
| 58 | 115 | 116 | GRN/WHT | |
| 59 | 117 | 118 | WHT/BRN | |
| 60 | 119 | 120 | BRN/WHT | |
| 61 | 121 | 122 | WHT/BLU | |
| 62 | 123 | 124 | BLU/WHT | |
| 63 | 125 | 126 | WHT/GRN | |
| 64 | 127 | 128 | GRN/WHT | |
| 65 | 129 | 130 | WHT/BRN | |
| 66 | 131 | 132 | BRN/WHT | |
| 67 | 133 | 134 | WHT/BLU | |
| 68 | 135 | 136 | BLU/WHT | |
| 69 | 137 | 138 | WHT/GRN | |
| 70 | 139 | 140 | GRN/WHT | |
| 71 | 141 | 142 | WHT/BRN | |
| 72 | 143 | 144 | BRN/WHT | |
| 73 | 145 | 146 | WHT/BLU | |
| 74 | 147 | 148 | BLU/WHT | |
| 75 | 149 | 150 | WHT/GRN | |
| 76 | 151 | 152 | GRN/WHT | |
| 77 | 153 | 154 | WHT/BRN | |
| 78 | 155 | 156 | BRN/WHT | |
| 79 | 157 | 158 | WHT/BLU | |
| 80 | 159 | 160 | BLU/WHT | |
| 81 | 161 | 162 | WHT/GRN | |
| 82 | 163 | 164 | GRN/WHT | |
| 83 | 165 | 166 | WHT/BRN | |
| 84 | 167 | 168 | BRN/WHT | |
| 85 | 169 | 170 | WHT/BLU | |
| 86 | 171 | 172 | BLU/WHT | |
| 87 | 173 | 174 | WHT/GRN | |
| 88 | 175 | 176 | GRN/WHT | |
| 89 | 177 | 178 | WHT/BRN | |
| 90 | 179 | 180 | BRN/WHT | |
| 91 | 181 | 182 | WHT/BLU | |
| 92 | 183 | 184 | BLU/WHT | |
| 93 | 185 | 186 | WHT/GRN | |
| 94 | 187 | 188 | GRN/WHT | |
| 95 | 189 | 190 | WHT/BRN | |
| 96 | 191 | 192 | BRN/WHT | |
| 97 | 193 | 194 | WHT/BLU | |
| 98 | 195 | 196 | BLU/WHT | |
| 99 | 197 | 198 | WHT/GRN | |
| 100 | 199 | 200 | GRN/WHT | |

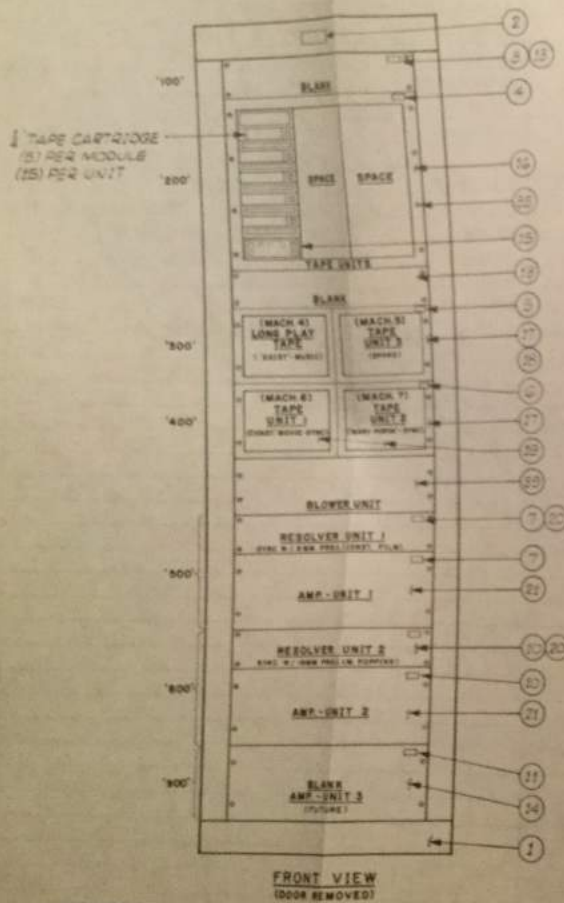
SCHEDULE II

TIP MUTING CARD INTERFACE W/COOK (L/K)

| CARD NO. | CABLE I/F | | CARD CAGE | |
|----------|-----------|------|------------|-----------|
| | TIP | RING | WIRE COLOR | CONN PINS |
| 1 | A | B | WHT | 41 |
| 2 | C | D | BLU | 26 |
| 3 | E | F | WHT | 40 |
| 4 | G | H | GRN | 24 |
| 5 | I | J | WHT | 39 |
| 6 | K | L | GRN | 24 |
| 7 | M | N | WHT | 38 |
| 8 | O | P | GRN | 25 |
| 9 | Q | R | WHT | 39 |
| 10 | S | T | GRN | 24 |
| 11 | U | V | WHT | 38 |
| 12 | W | X | GRN | 25 |
| 13 | Y | Z | WHT | 38 |
| 14 | A | B | BLU | 26 |
| 15 | C | D | WHT | 40 |
| 16 | E | F | GRN | 24 |
| 17 | G | H | WHT | 39 |
| 18 | I | J | GRN | 24 |
| 19 | K | L | WHT | 38 |
| 20 | M | N | GRN | 25 |
| 21 | O | P | WHT | 39 |
| 22 | Q | R | GRN | 24 |
| 23 | S | T | WHT | 38 |
| 24 | U | V | GRN | 25 |
| 25 | W | X | WHT | 38 |
| 26 | Y | Z | GRN | 24 |
| 27 | A | B | BLU | 26 |
| 28 | C | D | WHT | 40 |
| 29 | E | F | GRN | 24 |
| 30 | G | H | WHT | 39 |
| 31 | I | J | GRN | 24 |
| 32 | K | L | WHT | 38 |
| 33 | M | N | GRN | 25 |
| 34 | O | P | WHT | 39 |
| 35 | Q | R | GRN | 24 |
| 36 | S | T | WHT | 38 |
| 37 | U | V | GRN | 25 |
| 38 | W | X | WHT | 38 |
| 39 | Y | Z | GRN | 24 |
| 40 | A | B | BLU | 26 |
| 41 | C | D | WHT | 40 |
| 42 | E | F | GRN | 24 |
| 43 | G | H | WHT | 39 |
| 44 | I | J | GRN | 24 |
| 45 | K | L | WHT | 38 |
| 46 | M | N | GRN | 25 |
| 47 | O | P | WHT | 39 |
| 48 | Q | R | GRN | 24 |
| 49 | S | T | WHT | 38 |
| 50 | U | V | GRN | 25 |
| 51 | W | X | WHT | 38 |
| 52 | Y | Z | GRN | 24 |
| 53 | A | B | BLU | 26 |
| 54 | C | D | WHT | 40 |
| 55 | E | F | GRN | 24 |
| 56 | G | H | WHT | 39 |
| 57 | I | J | GRN | 24 |
| 58 | K | L | WHT | 38 |
| 59 | M | N | GRN | 25 |
| 60 | O | P | WHT | 39 |
| 61 | Q | R | GRN | 24 |
| 62 | S | T | WHT | 38 |
| 63 | U | V | GRN | 25 |
| 64 | W | X | WHT | 38 |
| 65 | Y | Z | GRN | 24 |
| 66 | A | B | BLU | 26 |
| 67 | C | D | WHT | 40 |
| 68 | E | F | GRN | 24 |
| 69 | G | H | WHT | 39 |
| 70 | I | J | GRN | 24 |
| 71 | K | L | WHT | 38 |
| 72 | M | N | GRN | 25 |
| 73 | O | P | WHT | 39 |
| 74 | Q | R | GRN | 24 |
| 75 | S | T | WHT | 38 |
| 76 | U | V | GRN | 25 |
| 77 | W | X | WHT | 38 |
| 78 | Y | Z | GRN | 24 |
| 79 | A | B | BLU | 26 |
| 80 | C | D | WHT | 40 |
| 81 | E | F | GRN | 24 |
| 82 | G | H | WHT | 39 |
| 83 | I | J | GRN | 24 |
| 84 | K | L | WHT | 38 |
| 85 | M | N | GRN | 25 |
| 86 | O | P | WHT | 39 |
| 87 | Q | R | GRN | 24 |
| 88 | S | T | WHT | 38 |
| 89 | U | V | GRN | 25 |
| 90 | W | X | WHT | 38 |
| 91 | Y | Z | GRN | 24 |
| 92 | A | B | BLU | 26 |
| 93 | C | D | WHT | 40 |
| 94 | E | F | GRN | 24 |
| 95 | G | H | WHT | 39 |
| 96 | I | J | GRN | 24 |
| 97 | K | L | WHT | 38 |
| 98 | M | N | GRN | 25 |
| 99 | O | P | WHT | 39 |
| 100 | Q | R | GRN | 24 |
| 101 | S | T | WHT | 38 |
| 102 | U | V | GRN | 25 |
| 103 | W | X | WHT | 38 |
| 104 | Y | Z | GRN | 24 |

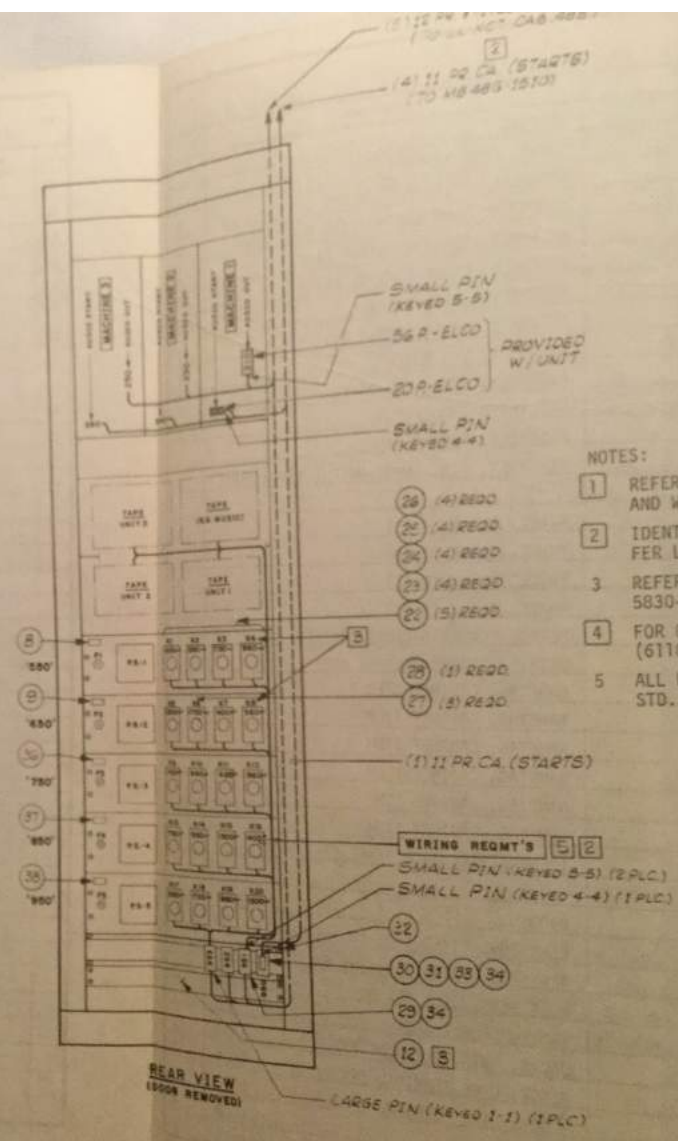
| ITEM | WOP NO. | PART NO. | DESCRIPTION | QTY. |
|------|---------|------------------|---|--------|
| 1. | | 10350 | CABINET | 1 |
| 2. | | 10279 | ANGLE, CONN SUPPORT | 2 |
| 3. | | 5830-103326 | ASSEMBLY, RELAY P.C. BOARD | 2 |
| 4. | | 5830-103336 | ASSEMBLY, SHOW SND MUTTING P.C. BOARD | 3 |
| 5. | | 5830-103346 | ASSEMBLY, RESISTOR/DIODE PANEL | 1 |
| 6. | | 5830-103352 | ASSEMBLY, CROWD CONTROL PANEL | 1 |
| 7. | | 5830-103356 | ASSEMBLY, SPEAKER PANEL | 1 |
| 8. | | 5830-103461 | ASSEMBLY, POWER SUPPLY 24V | 1 |
| 9. | | 5830-103861 | ASSEMBLY, V U METER | 1 |
| 10. | | 5830-104454 | ASSEMBLY, RELAY MTG PANEL | 1 |
| 11. | | 5830-104642 | AMPLIFIER (MODIFIED) | 1 |
| 12. | | 5830-105707 | ASSEMBLY, PREAMP PANEL | 1 |
| 13. | | 5830-104327 | ASSEMBLY, P.A. INPUT-OUTPUT PATCH PANEL | 1 |
| 14. | | | | |
| 15. | | 6110-103410 | PANEL, BLANK (1.75) | 3 |
| 16. | | 6110-103410-2 | PANEL, BLANK (3.50) | 1 |
| 17. | | 6110-103410-3 | PANEL, BLANK (6.25) | 1 |
| 18. | | 6110-103410-4 | PANEL, BLANK (7.00) | 1 |
| 19. | | 6110-105530 | DETAIL, CABLE SUPPORT BRACKET | 2 |
| 20. | | 6110-105531 | DETAIL, HORIZONTAL MTG BAR | 2 |
| 21. | | 6110-106567 | NAMETAG, CABINET ITEM 4 | 1 |
| 22. | | 6110- | NAMETAG, CABINET ITEM | |
| 23. | | 6110- | NAMETAG, CABINET ITEM | |
| 24. | | 6110- | NAMETAG, CABINET ITEM | |
| 25. | | 6110- | NAMETAG, CABINET ITME | |
| 26. | | 6110- | NAMETAG, CABINET ITEM | |
| 27. | | 6110-105544 | IDENT STRIP, JACK PANEL (1-75) | 3 |
| 28. | | | | |
| 29. | | S4M | DIODE SEMTECH | A/R |
| 30. | | GBT-1 | RESISTOR, FIXED 150, 1W, 5% IRC | A/R |
| 31. | | GBT-1 | RESISTOR, FIXED 300, 1W, 5% IRC | A/R |
| 32. | | PJ-29 | HOLE PLUG, JACK STRIP | ADC 6 |
| 33. | | PJ-30 | PANEL, DOUBLE JACK | ADC 3 |
| 34. | | PJ-482 | JACKS, TWIN TELEPHONE TYPE | ADC 75 |
| 35. | | 130-1604 | BLOCK, LINE TERMINAL (4X20) | COOK 2 |
| 36. | | 130-1624 | BLOCK, LINE TERMIANL (4X26) | COOK 2 |
| 37. | | 63-9016-50-01 | STRAP, END | ELCO 4 |
| 38. | | 03-9016-03-00-00 | VARIPAC (CARD CAGE) | ELCO 2 |

| ITEM | WDP NO. | PART NO. | DESCRIPTION | QTY. |
|------|---------|---------------------|--|---------|
| 39. | | 63-9016-35-01-03 | PANEL, FRONT | ELCO 2 |
| 40. | | 33-9016-12-01-01 | GUIDE, P.C. MOUNTING | ELCO 32 |
| 41. | | 00-7024-041-163-001 | RECEPTACLE, 41 PIN | ELCO 16 |
| 42. | | KUP14D15-24V | RELAY, 24 VDC | P&B 1 |
| 43. | | PJ-176 | CORD, PATCH | ADC 2 |
| 44. | | 00-816-056-000-007 | RECEPTACLE, 56 PIN | ELCO 3 |
| 45. | | | WIRE, BUS 61 GA, PVC | A/R |
| 46. | | MS16995-10 | SCREW, SOC HD 4-40 X 3/8 LG | SST 12 |
| 47. | | MS51958-59 | SCREW, PAN HD 10-32 X 1/4 LG | SST 92 |
| 48. | | MS51958-63 | SCREW, PAN HD 10-32 X 1/2 LG | SST |
| 49. | | MS1958-67 | SCREW, PAN HD 10-32 X 1 IN. LG | SST 8 |
| 50. | | AN345C10 | NUT, HEX NO. 10 | SST |
| 51. | | MS35333-73 | WASHER, INT TOOTH NO. 10 | SST 8 |
| 52. | | IC-RS1122 | CABLE, 11 PR, 22 GA (4 FT LG) SUPERIOR | 2 |



FRONT VIEW
(DOOR REMOVED)

5830-106571
TAPE CABINET (48F) ASSEMBLY



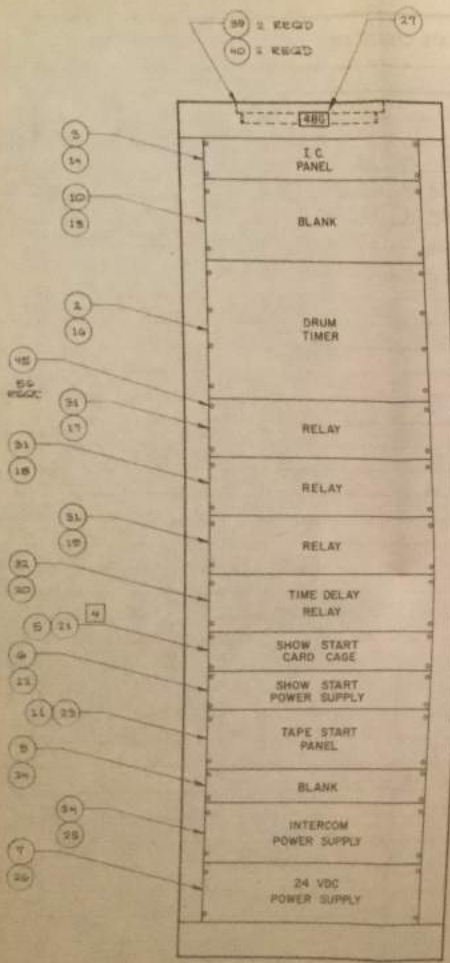
REAR VIEW
(DOOR REMOVED)

NOTES:

- 1 REFERENCE SCHEMATIC DIAGRAM AND WIRELIST 04.
- 2 IDENTIFY PART NO. (RUBBER STAMP LETTERS) .14 MIN HIGH CHAR.
- 3 REFERENCE OVERALL BLOCK DIAGRAM 5830-106570.
- 4 FOR QUANTITY OF SHOW STARTER (6110-105515) REF. MONITOR WIRE.
- 5 ALL WIRING TO BE 22 AWG, RUL STD. COLOR CODE.

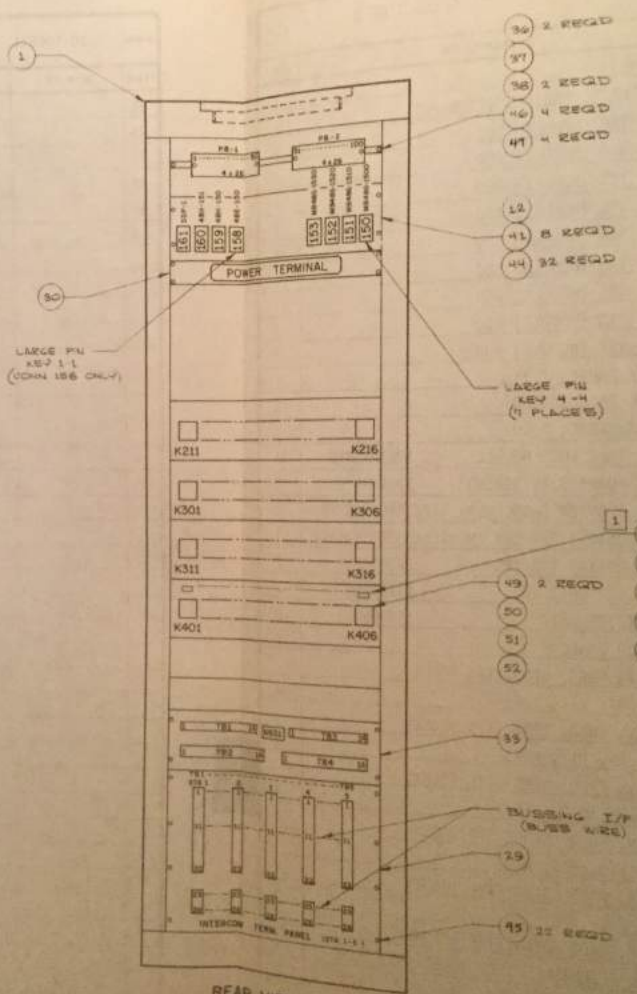
| ITEM | QTY |
|------|-----|
| 1 | |
| 2 | |
| 3 | |
| 4 | |
| 5 | |
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| 7 | |
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| 10 | |
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| 27 | |
| 28 | |
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| 30 | |
| 31 | |
| 32 | |
| 33 | |

| ITEM | WDF NO. | PART NO. | DESCRIPTION | QTY. |
|------|---------|----------------------|---|------|
| 1. | | 10350 | CABINET | 1 |
| 2. | | 6110-106567 | NAMEPLATE, CABINET (ITEM #5) | 1 |
| 3. | | 6110-104051, ITEM 1 | I.D. TAG (MODULE) 100 | 1 |
| 4. | | 6110-104051, ITEM 4 | I.D. TAG (MODULE) 200 | 1 |
| 5. | | 6110-104051, ITEM 7 | I.D. TAG (MODULE) 300 | 1 |
| 6. | | 6110-104051, ITEM 10 | I.D. TAG (MODULE) 400 | 1 |
| 7. | | 6110-104051, ITEM 13 | I.D. TAG (MODULE) 500 | 2 |
| 8. | | 6110-104051, ITEM 15 | I.D. TAG (MODULE) 550 | 1 |
| 9. | | 6110-104051, ITEM 18 | I.D. TAG (MODULE) 650 | 1 |
| 10. | | 6110-104051, ITEM 21 | I.D. TAG (MODULE) 800 | 2 |
| 11. | | 6110-104051, ITEM 23 | I.D. TAG (MODULE) 900 | 2 |
| 12. | | 6110-103410-1 | BLANK PANEL, 1.75 | 1 |
| 13. | | 6110-103410-2 | BLANK PANEL, 3.50 | 2 |
| 14. | | 6110-103410-4 | BLANK PANEL, 7.00 | 1 |
| 15. | | 305P-S | 1/4" TAPE LOOP MODULE SPOTMASTER | 1 |
| 16. | | RA35 | RACK ADAPTER (5 STACK) SPOTMASTER | 1 |
| 17. | | 921-1070 | RACK ADAPTER (LONG PLAY TAPE) SPOTMASTER | 2 |
| 18. | | | TAPE UNIT-3 3/4 IPS (MODIFIED) SPOTMASTER | 1 |
| 19. | | 1070-PS | TAPE UNIT-7 1/2 IPS BROADCAST | 2 |
| 20. | | 110 | RESOLVER UNIT STEPHENS | 2 |
| 21. | | 214A | AMPLIFIER UNIT STEPHENS | 2 |
| 22. | | 5830-104498 | FRITCH PANEL | 5 |
| 23. | | 5830-106138-3 | RELAY, FREQ. SENSITIVE 400Hz (K1, K7, K11, K16) | 4 |
| 24. | | 5830-106138-3 | RELAY, FREQ. SENSITIVE 560Hz (K2, K8, K12, K17) | 4 |
| 25. | | 5830-106138-3 | RELAY, FREQ. SENSITIVE 730Hz (K3, K9, K13, K18) | 4 |
| 26. | | 5830-106138-3 | RELAY, FREQ. SENSITIVE 960Hz (K4, K10, K14, K19) | 4 |
| 27. | | 5830-106138-3 | RELAY, FREQ. SENSITIVE 1300Hz (K5, K15, K20) | 3 |
| 28. | | 5830-106138-3 | RELAY, FREQ. SENSITIVE 1700Hz (K6) | 1 |
| 29. | | 00-8016-056-000-007 | CONN. RECEPTACLE-56P. (J951-953) ELCO | 3 |
| 30. | | 00-8016-020-000-007 | CONN. RECEPTACLE-20P. (J950) ELCO | 1 |
| 31. | | 10375 | BRACKET, 20P. MOUNTING | 1 |
| 32. | | 10279 | CONN. RAIL-SUPPORT ANGLE | 2 |
| 33. | | MS16997-3 | SCREW, SOC HD, 2-56 X .37LG, CAD PL | 4 |



'100'
'110'
'200'
'210'
'300'
'310'
'400'
'500'
'510'
'600'
'700'
'800'
'900'

FRONT VIEW
DOOR REMOVED



LARGE PIN
KEY 1-1
(CONN USE ONLY)

LARGE PIN
KEY 4-4
(7 PLACES)

WIRING I/P
(BUS WIRE)

REAR VIEW
DOOR REMOVED

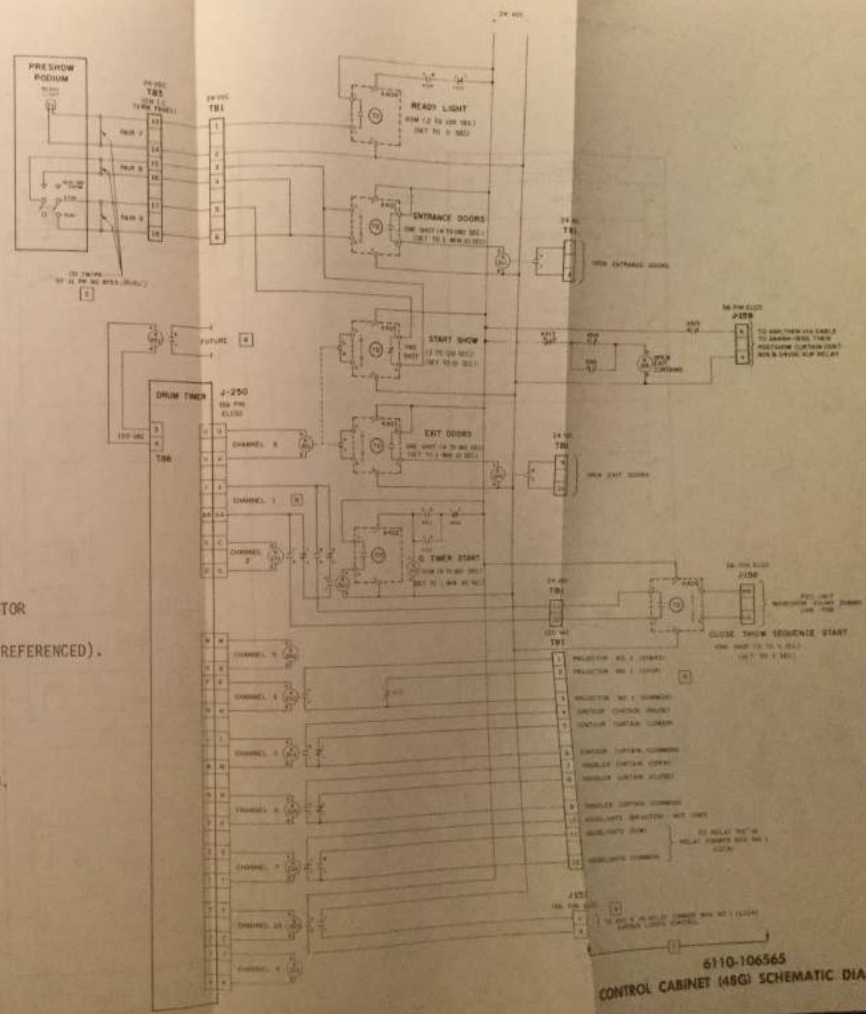
6110-106572
CONTROL CABINET (48G) ASSEMBLY

- NOTES:
- 1 REF: BLOCK DIAGRAM (AUDIO & VIDEO) 5830-106570.
 - 2 REF: WIRING REQMT. (AUDIO & VIDEO) DL-04).
 - 3 IDENTIFY PART OR CONN. NO. (BY LETTERS).
 - 4 ITEMS SUPPLIED BY STUDIO.
 - 5 ALL WIRING INTERCONNECT; USE PVC PER STD. COLOR CODE.

| DWG. | ITEM | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. | 14. | 15. | 16. | 17. | 18. | 19. | 20. | 21. | 22. | 23. | 24. | 25. | 26. | 27. | 28. | 29. | 30. | 31. | 32. | 33. | 34. | 35. | 36. | 37. | 38. |
|------|------|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|------|------|----|----|----|----|----|----|----|----|----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|

| ITEM | WDP NO. | PART NO. | DESCRIPTION | QTY. |
|------|---------|-----------------------|-------------------------------------|------|
| 1. | | 10350 | CABINET ASSEMBLY | 1 |
| 2. | | AY-3058 | DRUM TIMER ASSEMBLY | 1 |
| 3. | | 5830-102926 | INTERCOM STATION | 1 |
| 4. | | 6110-104051, ITEM 114 | IDENTIFICATION TAG (READY LIGHT) | 1 |
| 5. | | 6110-104482 | SHOW STARTUP CARD CAGE | 1 |
| 6. | | 6110-105519 | SHOW STARTUP POWER SUPPLY | 1 |
| 7. | | 5830-103461 | POWER SUPPLY (24 VDC) | 1 |
| 8. | | 6110-104051, ITEM 115 | IDENTIFICATION TAG (ENTRANCE DOORS) | 1 |
| 9. | | 6110-103410-1 | BLANK PANEL (1 3/4) | 1 |
| 10. | | 6110-103410-3 | BLANK PANEL (5 1/4) | 1 |
| 11. | | 6110-104841, ITEM 3 | TAPE START PANEL | 1 |
| 12. | | 6110-106448, ITEM 4 | CONNECTOR MOUNTING PANEL (150) | 1 |
| 13. | | 6110-104051, ITEM 116 | IDENTIFICATION TAG (EXIT DOORS) | 1 |
| 14. | | 6110-104051, ITEM 1 | IDENTIFICATION TAG (100) | 1 |
| 15. | | 6110-104051, ITEM 2 | IDENTIFICATION TAG (110) | 1 |
| 16. | | 6110-104051, ITEM 4 | IDENTIFICATION TAG (200) | 1 |
| 17. | | 6110-104051, ITEM 5 | IDENTIFICATION TAG (210) | 1 |
| 18. | | 6110-104051, ITEM 7 | IDENTIFICATION TAG (300) | 1 |
| 19. | | 6110-104051, ITEM 8 | IDENTIFICATION TAG (310) | 1 |
| 20. | | 6110-104051, ITEM 10 | IDENTIFICATION TAG (400) | 1 |
| 21. | | 6110-104051, ITEM 13 | IDENTIFICATION TAG (500) | 1 |
| 22. | | 6110-104051, ITEM 14 | IDENTIFICATION TAG (510) | 1 |
| 23. | | 6110-104051, ITEM 16 | IDENTIFICATION TAG (600) | 1 |
| 24. | | 6110-104051, ITEM 19 | IDENTIFICATION TAG (700) | 1 |
| 25. | | 6110-104051, ITEM 21 | IDENTIFICATION TAG (800) | 1 |
| 26. | | 6110-104051, ITEM 23 | IDENTIFICATION TAG (900) | 1 |
| 27. | | 6110-106567, ITEM 6 | CABINET ASSEMBLY I.D. TAG | 1 |
| 28. | | 6110-104051, ITEM 117 | IDENTIFICATION TAG (D.T. START) | 1 |
| 29. | | 5830-105522-1 | INTERCOM TERMINATION PANEL (1-5) | 1 |
| 30. | | 6110-104555 | RTU POWER TERMINAL ASSEMBLY | 1 |
| 31. | | 5830-104454 | PANEL, RELAY MOUNTING | 3 |
| 32. | | 6110-106118 | PANEL, OCTAL SOCKET | 1 |
| 33. | | 6110-105853 | INPUT-OUTPUT PANEL ASSEMBLY | 1 |
| 34. | | 5830-105340 | POWER SUPPLY, INTERCOM(6B90F) | 1 |
| 35. | | 6110-104051, ITEM 29 | IDENTIFICATION TAG (START SHOW) | 1 |
| 36. | | 6110-105530 | CABLE SUPPORT BRACKET | 2 |
| 37. | | 6110-105531 | TERMINATION BLOCK MOUNTING BRACKET | 1 |
| 38. | | 1301624 | BLOCK, LINE TERMINAL (4 X 26) COOK | 2 |

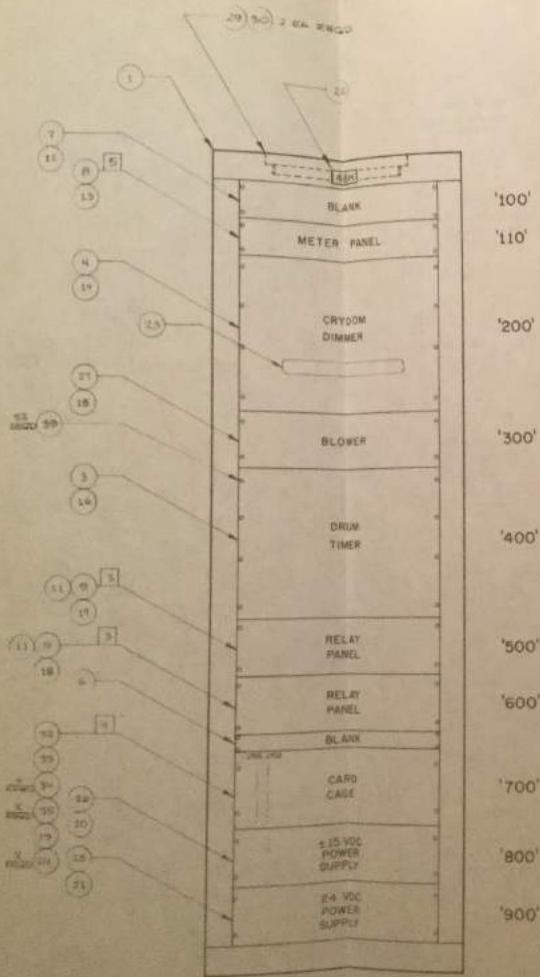
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NOTES:

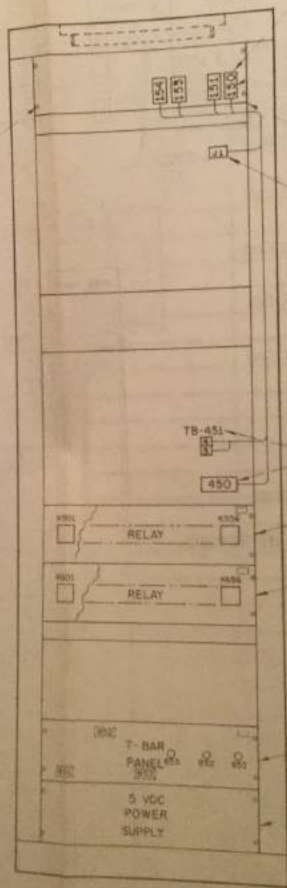
- 1 ALL WIRING (UNLESS NOTED) TO BE NO. 18 AWG (STANDED) PVC INSULATION (USING STANDARD COLOR CODE).
- 2 ALL CONNECTIONS IN THIS AREA TO BE MADE ON SITE BY THE CONTRACTOR USING 14 AWG WIRE (REF. WED DWG E-5)
- 3 DOM DENOTES "DELAY ON MAKE" (DELAY IS ADJUSTABLE FOR INTERVAL REFERENCED).
- 4 REFERENCE W.D.P. PROJECTOR SCHEMATIC DRAWING 6730-906831.
- 5 REFERENCE CONTROL CABINET ASSEMBLY 6110-106572.
- 6 REFERENCE D/L WIRELIST (04) FOR BALANCE OF CABINET WIRING.
- 7 REFERENCE OVERALL BLOCK DIAGRAM 5830-106570.
- 8 DRUM TIMER WIRED FOR CONTACT CLOSURE START PER DRAWING 5D-3055.
- 9 FOR APPROXIMATE TIMING SEQUENCE SEE DRAWING 6110-106566.

6110-106565
CONTROL CABINET (48G) SCHEMATIC DIAGRAM
41



FRONT VIEW
(DOOR REMOVED)

6110-106573
DRUM TIMER CONTROL CABINET (48H) ASSEMBLY



REAR VIEW
(DOOR REMOVED)

NOTES:

- 1 REFERENCE AUDIO BLOCK DIAGRAM 5830-106573
- 2 REFERENCE AUDIO W/L DL-04.
- 3 IDENTIFY REF. NO. (RUBBER STAMP OR TYPED) .14 MIN HIGH LETTERS.
- 4 REFERENCE PDM P.C. BOARD SCHEMATIC DRAWING 6110-106573
- 5 REFERENCE METER PANEL SCHEMATIC 6110-106573
- 6 ALL WIRING TO BE 22 AWG PVC-STANDARD COLOR CODE.

| ITEM | QTY | DESCRIPTION |
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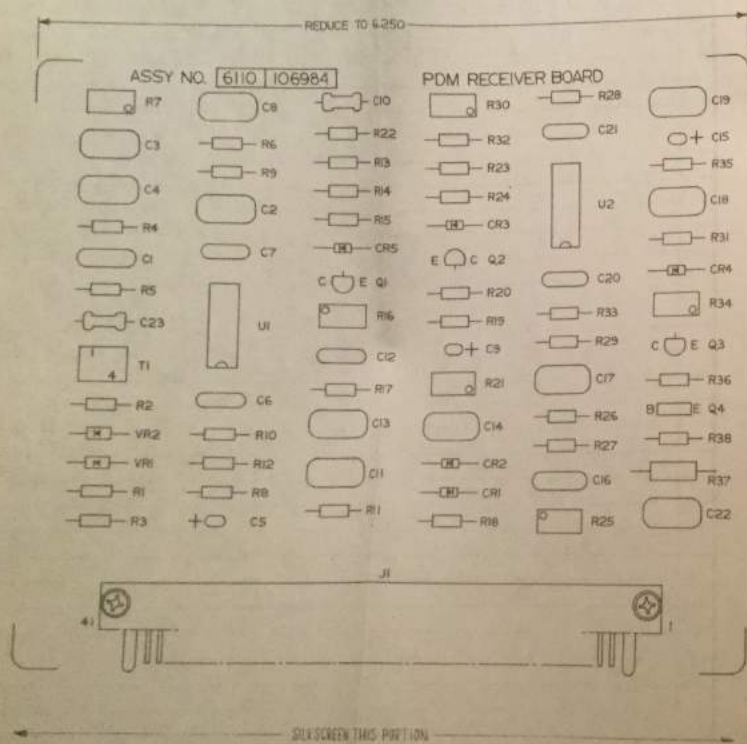
DWG.

6110-106573

ASSEMBLY, DRUM TIMER CONTROL CABINET (48H)

SHEET 1 OF 2

| ITEM | WDP NO. | PART NO. | DESCRIPTION | QTY. |
|------|---------|----------------------|---|------|
| 1. | | 10350 | CABINET | 1 |
| 2. | | 6110-106448, ITEM 4 | CONNECTOR MOUNTING PANEL (150) | 1 |
| 3. | | AY-3058 | DRUM TIMER | 1 |
| 4. | | 6110-105956 | CRYDOM DIMMER | 1 |
| 5. | | | | |
| 6. | | 6110-103410-1 | BLANK PANEL (1 3/4) | 1 |
| 7. | | 6110-103410-2 | BLANK PANEL (3 1/2) | 1 |
| 8. | | 6110-106734 | METER PANEL | 1 |
| 9. | | 6110-106118 | OCTAL SOCKET PANEL | 4 |
| 10. | | 6110-104841 | T-BAR PANEL | 1 |
| 11. | | R10T1-W2S3.2K | RELAY, SENSITIVE P & B | 21 |
| 12. | | 6110-104051, ITEM 1 | IDENTIFICATION TAG (100) | 1 |
| 13. | | 6110-104051, ITEM 2 | IDENTIFICATION TAG (110) | 1 |
| 14. | | 6110-104051, ITEM 4 | IDENTIFICATION TAG (200) | 1 |
| 15. | | 6110-104051, ITEM 7 | IDENTIFICATION TAG (300) | 1 |
| 16. | | 6110-104051, ITEM 10 | IDENTIFICATION TAG (400) | 1 |
| 17. | | 6110-104051, ITEM 13 | IDENTIFICATION TAG (500) | 1 |
| 18. | | 6110-104051, ITEM 16 | IDENTIFICATION TAG (600) | 1 |
| 19. | | 6110-104051, ITEM 19 | IDENTIFICATION TAG (700) | 1 |
| 20. | | 6110-104051, ITEM 21 | IDENTIFICATION TAG (800) | 1 |
| 21. | | 6110-104051, ITEM 23 | IDENTIFICATION TAG (900) | 1 |
| 22. | | 6110-106567, ITEM 7 | NAMEPLATE, CABINET | 1 |
| 23. | | 9905-107313 | NAMEPLATE, CRYDOM UNIT | 1 |
| 24. | | 6110-106984 | R.C. BOARD ASSEMBLY-PDM RCVR, DECODE, DR. | 2 |
| 25. | | 5830-103461 | POWER SUPPLY, 24 VDC | 1 |
| 26. | | 5830-103909 | POWER SUPPLY, ±15 VDC | 1 |
| 27. | | KPC529D | BLOWER UNIT (300 CFM-120 VAC)KOOLTRONICS | 1 |
| 28. | | 6110-107314 | POWER SUPPLY, 5 VDC | 1 |
| 29. | | L40-IF | LAMP G.E. | 2 |
| 30. | | 1L12 | LIGHT FIXTURE LUMILINE | 2 |
| 31. | | 00-8016-056-000-007 | CONNECTOR, RECEPTACLE-56 PIN ELCO | 4 |
| 32. | | 03-9016-03-00-00 | VARI-PAC (CARD CAGE) ELCO | 1 |
| 33. | | 63-9016-35-01-03 | PANEL, FRONT ELCO | 1 |
| 34. | | 33-9016-12-01-01 | GUIDE, P.C. ELCO | 4 |
| 35. | | 00-7024-041-163-001 | RECEPTACLE, 41 PIN ELCO | 2 |
| 36. | | 00-8016-056-000-004 | CONNECTOR, PLUG, 56PIN(P450) ELCO | 1 |
| 37. | | 00-8016-020-000-004 | CONNECTOR, PLUG, 20 PIN (P1) ELCO | 1 |
| 38. | | MS16997-10 | SCREW, SOC HD, 4-40 X .38LG, CRES | 16 |



NOTES:

- 1 REFER TO DRAWING 6110-106985 FOR SCHEMATIC.
- 2 MOUNTING OF COMPONENTS AND HARDWARE ITEMS SHALL BE SUCH AS TO INSURE RELIABLE PERFORMANCE OF COMPLETED ASSEMBLY.
- 3 SOLDERING SHALL BE SUCH AS TO INSURE SOUND ELECTRICAL CONNECTION. SURFACE OF CONNECTION SHALL BE SMOOTH, BRIGHT AND EVIDENCE GOOD SOLDER FLOW BETWEEN LEADS AND TERMINAL AREA. SEPARATION OF FOIL FROM LAMINATES DUE TO EXCESSIVE HEAT WILL NOT BE ACCEPTABLE.
- 4 CONFORMAL COATING SHALL BE APPLIED IN ACCORDANCE WITH WED PROCESS SPECIFICATION 0100. MASK CONNECTOR PINS.
- 5 INSPECTION OF COMPLETED ASSEMBLY WILL BE PERFORMED BY QUALIFIED PERSONNEL TO INSURE THAT WORKMANSHIP IS OF HIGHEST QUALITY CONSISTENT WITH STANDARD COMMERCIAL PRACTICES.

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6110-106984

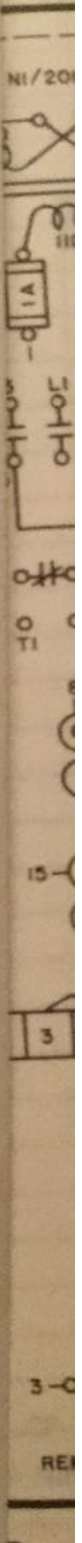
PULSE DURATION MODULATION RCVR
PCB ASSEMBLY

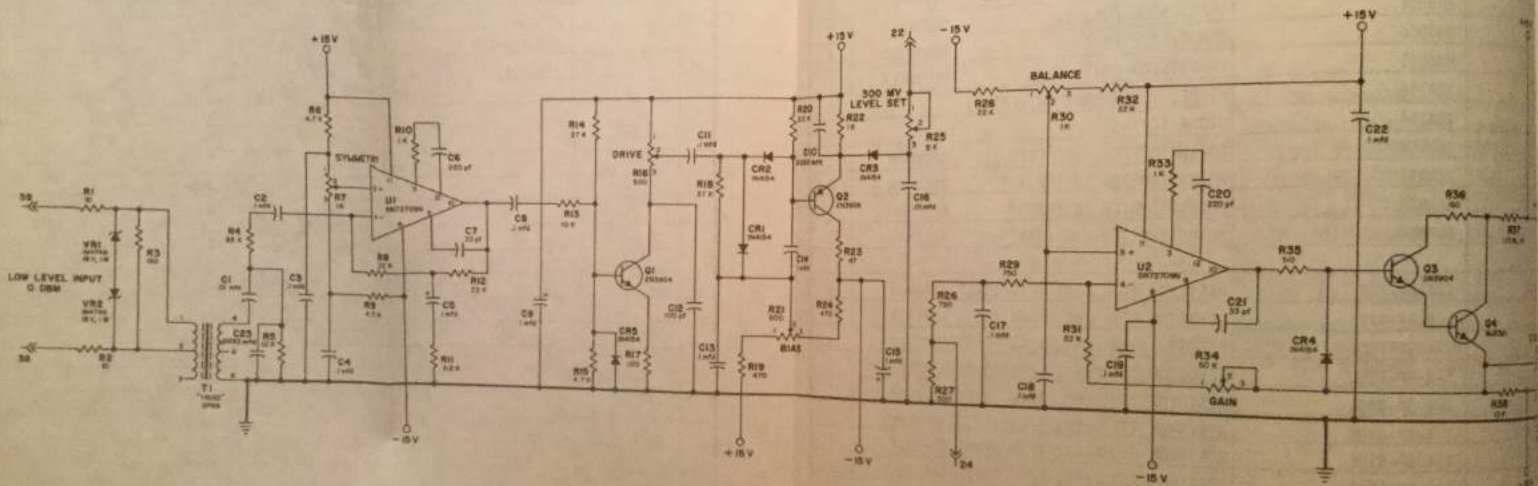
| ITEM | WDP NO. | PART NO. | DESCRIPTION | QTY. |
|------|---------|---------------------|---|------|
| 1. | | 6110-106982 | PC BOARD | 1 |
| 2. | | 00-7023-041-000-001 | PLUG, 41 PIN (P1) ELCO | 1 |
| 3. | | | | |
| 4. | | SP66 | TRANSFORMER (T1) TRIAD | 1 |
| 5. | | SN72709N | OP-AMP (U1,U2) TEXAS INSTRUMENTS | 2 |
| 6. | | 2N3904 | TRANSISTOR (Q1,Q3) MOTOROLA | 2 |
| 7. | | 2N3906 | TRANSISTOR (Q2) MOTOROLA | 1 |
| 8. | | MJE521 | TRANSISTOR (Q4) MOTOROLA | 1 |
| 9. | | IN4746 | DIODE, ZENER 18V, 1W (VR1-2) | 2 |
| 10. | | IN4154 | DIODE (CR1-5) | 5 |
| 11. | | 66WR500 | POTENTIOMETER 500Ω (R16,21) BECKMAN | 2 |
| 12. | | 66WR1K | POTENTIOMETER 1K (R7,30) BECKMAN | 2 |
| 13. | | 66WR5K | POTENTIOMETER 5K (R25) BECKMAN | 1 |
| 14. | | 66WR50K | POTENTIOMETER 50K (R34) BECKMAN | 1 |
| 15. | | | | |
| 16. | | 1-4-5P-10E | RESISTOR 10Ω ±5%, 1/4W (R1,2) AMPEREX | 2 |
| 17. | | 1-4-5P-47E | RESISTOR 47Ω ±5%, 1/4W (R23) AMPEREX | 1 |
| 18. | | 1-4-5P-100E | RESISTOR 100Ω ±5%, 1/4W (R17) AMPEREX | 1 |
| 19. | | 1-4-5P-150E | RESISTOR 150Ω ±5%, 1/4W (R3, R36) AMPEREX | 2 |
| 20. | | 1-4-5P-300E | RESISTOR 300Ω ±5%, 1/4W (R27) AMPEREX | 1 |
| 21. | | 1-4-5P-470E | RESISTOR 470Ω ±5%, 1/4W (R19,24) AMPEREX | 2 |
| 22. | | 1-4-5P-510E | RESISTOR 510Ω ±5%, 1/4W (R35) AMPEREX | 1 |
| 23. | | 1-4-5P-750E | RESISTOR 750Ω ±5%, 1/4W (R26,29) AMPEREX | 2 |
| 24. | | 1-4-5P-1K | RESISTOR 1K ±5%, 1/4W (R10,22,33) AMPEREX | 3 |
| 25. | | 1-4-5P-2K2 | RESISTOR 2.2K ±5%, 1/4W (R11) AMPEREX | 1 |
| 26. | | 1-4-5P-4K7 | RESISTOR 4.7K ±5%, 1/4W (R6,9,15) AMPEREX | 3 |
| 27. | | 1-4-5P-10K | RESISTOR 10K ±5%, 1/4W (R5,13,38) AMPEREX | 3 |
| 28. | | 1-4-5P-22K | RESISTOR 22K ±5%, 1/4W (R4,8,12,20) (R28,31,32) AMPEREX | 7 |
| 29. | | 1-4-5P-27K | RESISTOR 27K ±5%, 1/4W (R14,R18) AMPEREX | 2 |
| 30. | | 1-2-5P-51E | RESISTOR 51Ω ±5%, 1/2W (R37) AMPEREX | 1 |
| 31. | | DM15ED330J03 | CAPACITOR 33pf ±5% (C7,C21) ELMENCO | 2 |
| 32. | | DM15ED101J03 | CAPACITOR 100pf ±5% (C12) ELMENCO | 1 |
| 33. | | DM15FD221J03 | CAPACITOR 220pf ±5% (C6,C20) ELMENCO | 2 |
| 34. | | C280AEA10K | CAPACITOR .01uf ±10% (C1,C16) AMPEREX | 2 |
| 35. | | C280AEA100K | CAPACITOR .1uf ±10% (C2-4,8,11,13) (C14,17-19,22) AMPEREX | 11 |

DWG. 6110-106984

RCVR PCB, ASSEMBLY & SILK PULSE DURATION MODULATION SHEET 2 OF 2

| ITEM | WDF NO. | PART NO. | DESCRIPTION | QTY. |
|------|---------|-------------|---|------|
| 36. | | DIROGSA50K | CAPACITOR 1uf $\pm 10\%$ (C5,9,15) DICKSON | 3 |
| 37. | | 192P3329R8 | CAPACITOR .0033uf $\pm 10\%$ (C10,23) SPRAGUE | 2 |
| 38. | | MS51957-18 | SCREW, PAN HD, 4-40 X 5/8 LG, CRES | 2 |
| 39. | | AN960C4 | WASHER FLAT #4, CRES | 2 |
| 40. | | MS35338-135 | LOCKWASHER #4 SPRING, CRES | 2 |
| 41. | | AN340C4 | NUT, HEX, 4-40, CRES | 2 |
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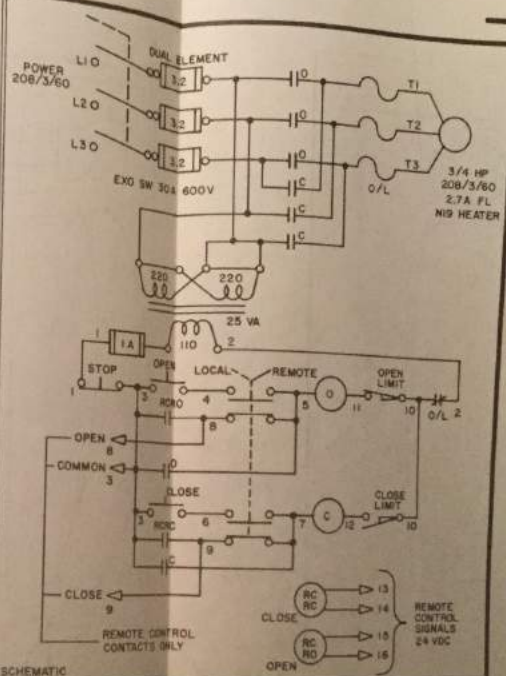
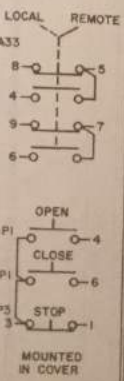
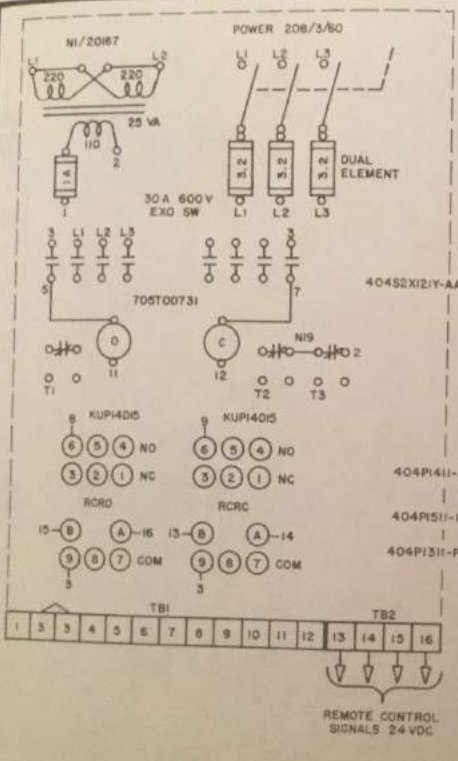




| RESISTOR ASSIGNMENTS | |
|----------------------|------------------|
| 107 | 10 1000 OHM 1/4W |
| C23 | |
| Q3 | |
| Q4 | |
| R35 | |
| T1 | |
| U1 | |
| U2 | |

- 2. VR1, VR2 422Z 50K 0-1000Ω
- 1. R1, RESISTOR VALUES IN OHMS, 15%, 1/4W

NOTE: UNLESS OTHERWISE SPECIFIED
USE 5% TOLERANCE



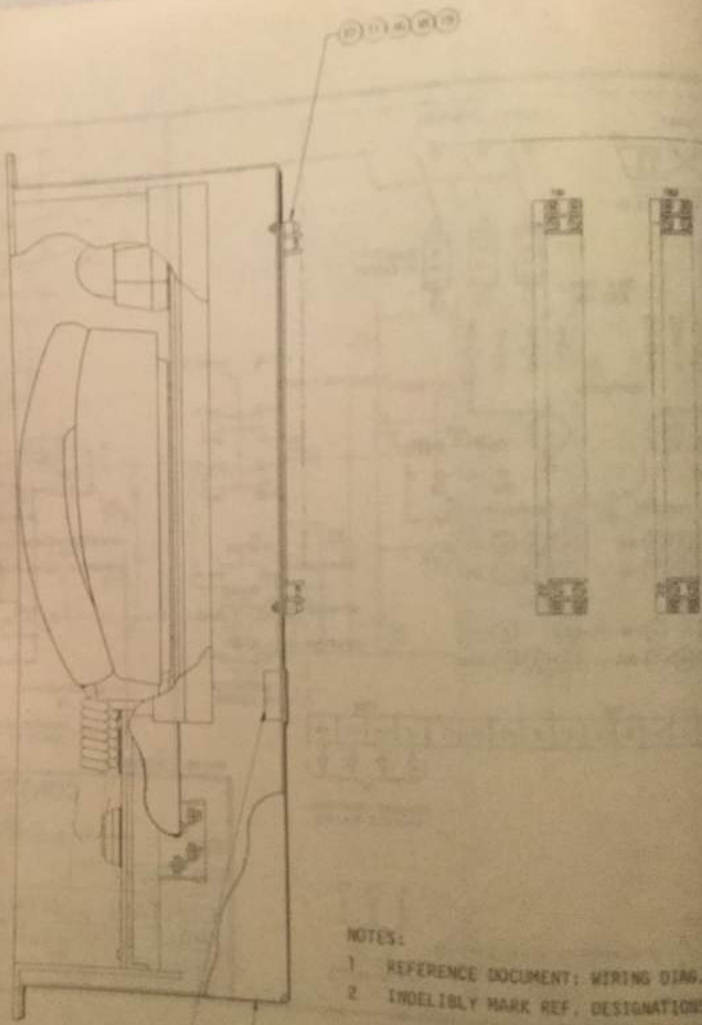
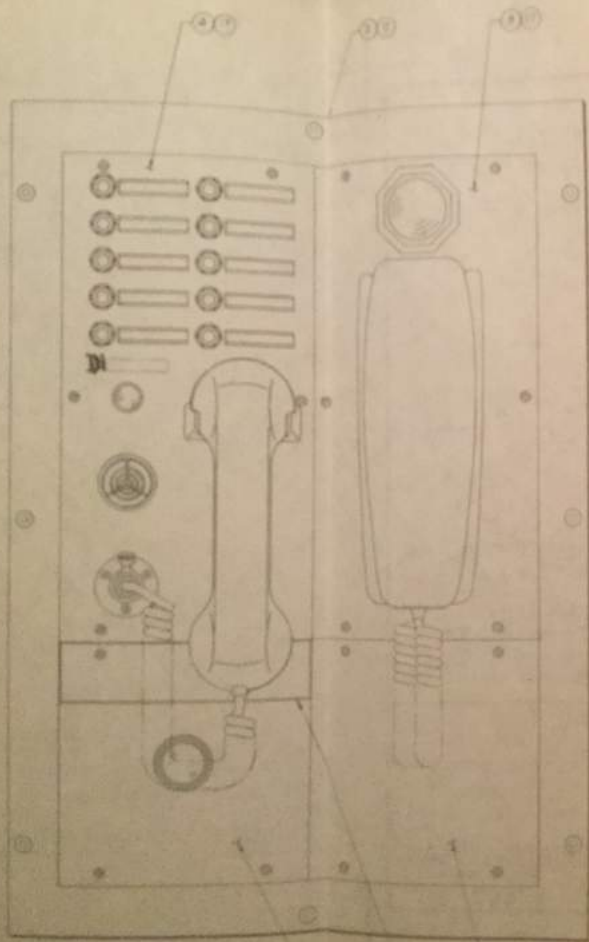
WIRING SCHEMATIC

CONTROL SALES, INC.
2926 W. VALLEY BLVD.
ALHAMBRA, CALIF. 91803

| | | |
|--|-------------------------|---------------|
| SCALE: | APPROVED BY: | DRAWN BY: FJS |
| DATE: 2-2-73 | | REVISED: |
| CURTAIN CONTROLLER | | |
| WALT DISNEY STORY THEATERS-DISNEYLAND | | |
| TRU-ROLL CORP | DRAWING NUMBER 7302-517 | |
| GLENDALE, CAL | | |

- NOTES:
- THIS SOURCE CONTROL DWG TO DOCUMENT EQUIP AS SUPPLIED BY "TRU ROLL" AS PART OF CURTAIN EQUIP PACKAGE.
 - REF: SHOW CONTROL & AUDIO BLOCK DIAGRAM 5830-106570.
 - REDUCED METAL-PHOTO INFO PLATE OF THIS DWG (8 1/2 X 11) TO BE INSTALL IN COVER

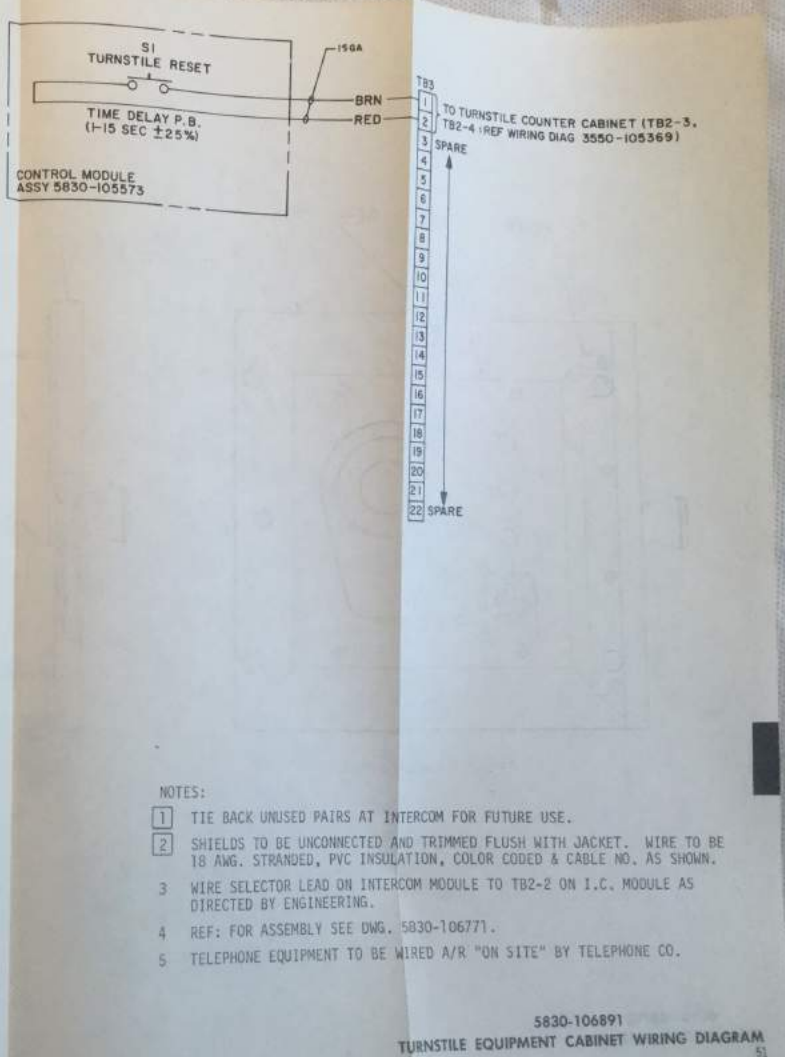
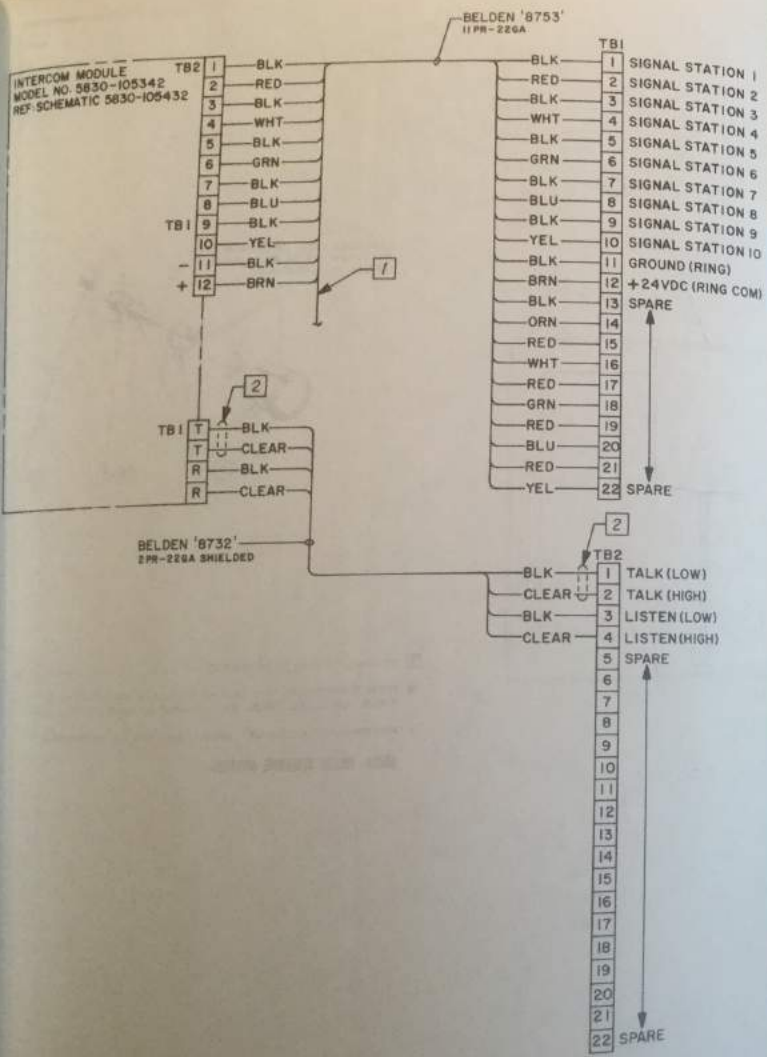
6110-106931
MAIN SHOW AND PRESHOW CURTAIN CONTROL
SCHEMATIC AND WIRING DIAGRAM

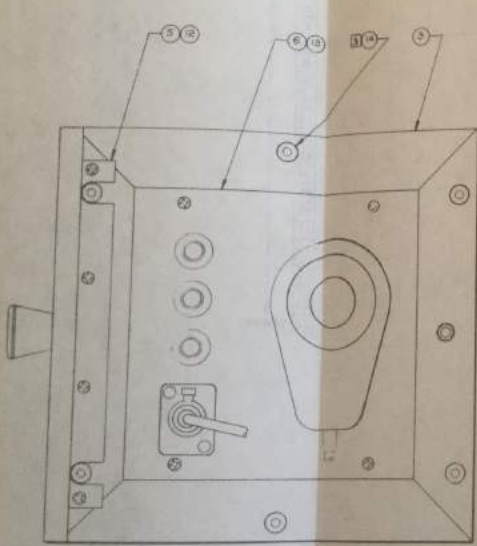


NOTES:
 1 REFERENCE DOCUMENT: WIRING DIAG. Dwg No
 2 INDELIBLY MARK REF. DESIGNATIONS APPRO

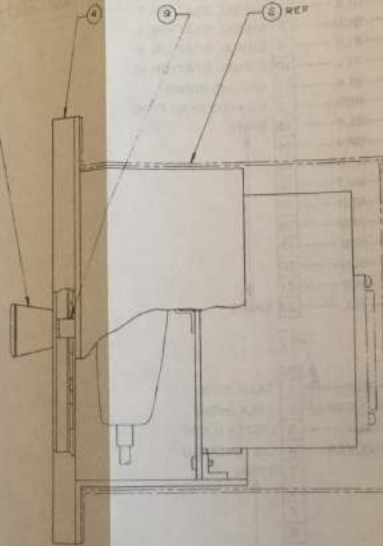
5830-106771
 PA-IC STATION ENTRANCE CONSOLE ASSEMBLY

| DWG | ITEM |
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FRONT VIEW W/ COVER OPEN



SIDE VIEW

EXPLODED VIEW OF PUSH-BUTTON FASTENER (ITEM 8) SHOWING ORDER OF ASSEMBLY



- 1 SCREWS, ITEM 14, TO BE SHIPPED WITH ACRYL FOR FIELD USE
- 2 ITEM 2 SHOWN ON THIS DWG AS REF. ONLY. WILL BE FIELD INSTALLED PRIOR TO SHIPMENT OF DOOR CONTROL
- 1 REFERENCE DOCUMENT - WIRING DIAG DWG NO. 5850-004

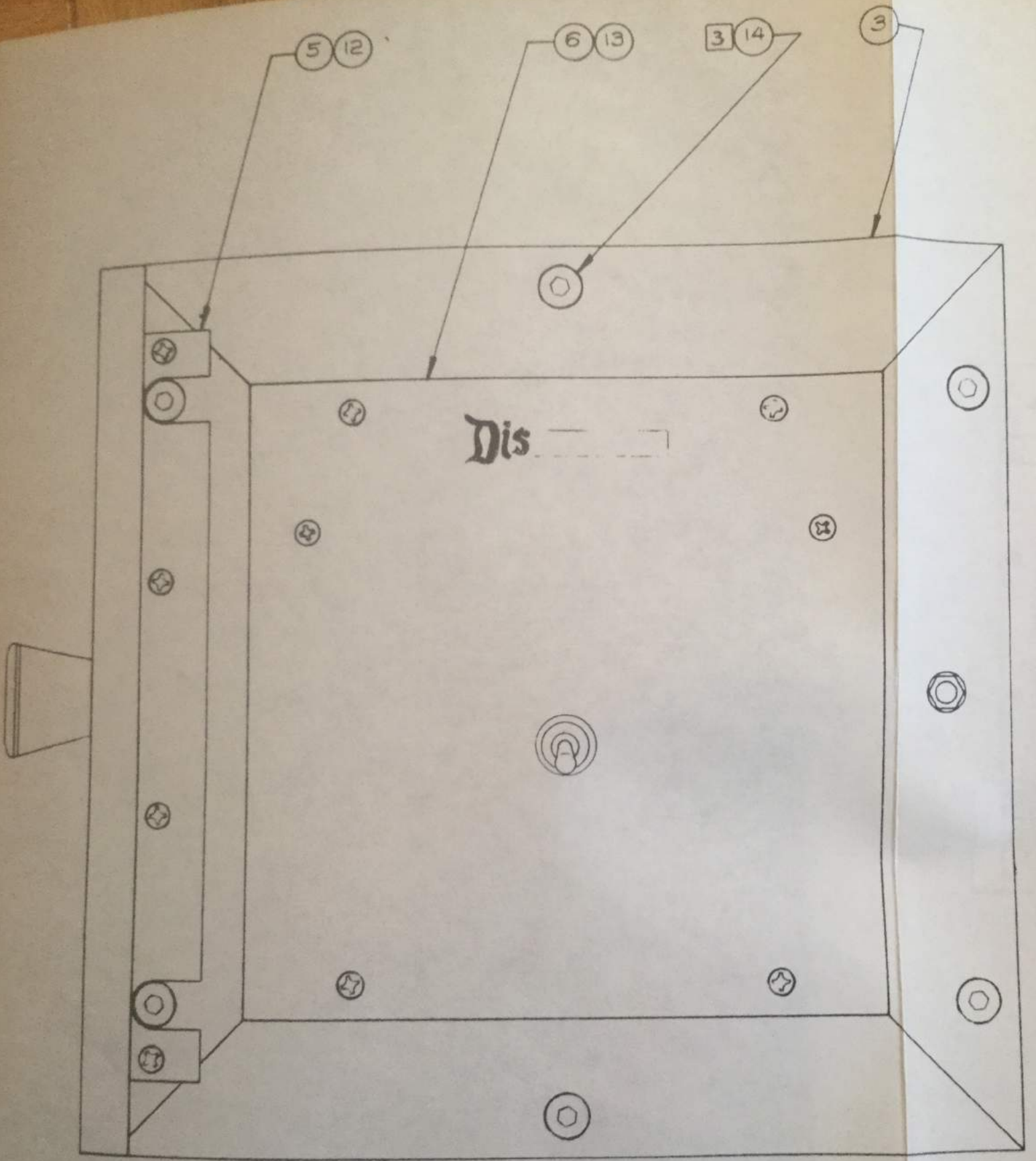
NOTE: UNLESS OTHERWISE SPECIFIED

DWG. 6110-1067

ITEM WDF NO.

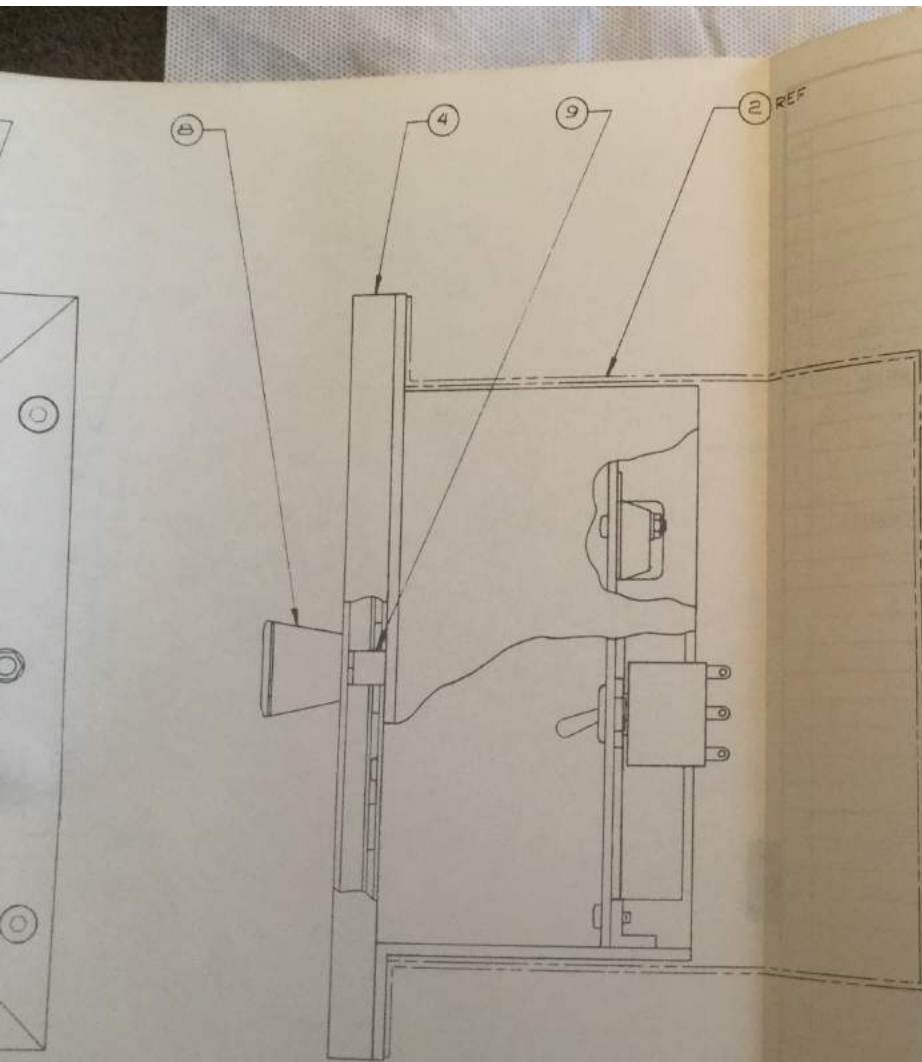
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| ITEM | WDF NO. | PART NO. | DESCRIPTION | QTY. |
|------|---------|--------------|----------------------------------|------|
| 1. | | | | |
| 2. | | 5830-106775 | WALL CAN, DOOR CONTROL & PRE-AMP | 1 |
| 3. | | 5805-106776 | FRAME WELDMENT, DOOR CONTROL | 1 |
| 4. | | 5805-106779 | COVER, DOOR CONTROL & PRE-AMP | 1 |
| 5. | | 5340-106777 | HINGE, DOOR CONTROL & PRE-AMP | 1 |
| 6. | | 6110-105750 | PRE-AMP UNIT PANEL ASSEMBLY | 1 |
| 7. | | | | |
| 8. | | 34-10-201-30 | PUSH-BUTTON FASTENER | |
| 9. | | 9319-A-140-2 | SPACER, 3/8 X 3/8 | |
| | | | SOUTHCO | 1 |
| | | | AMATOM | 1 |
| 10. | | | | |
| 11. | | MS24671-11 | SCREW, FLAT 6-32 X 3/4 | 1 |
| 12. | | MS51957-24 | SCREW, PAN 6-32 X 1/8 | 4 |
| 13. | | MS51957-26 | SCREW, PAN 6-32 X 1/4 | 4 |
| 14. | | 30501 | SCREW, FLAT 10-32 X 3/8 | |
| | | | UNBRAKO | 6 |



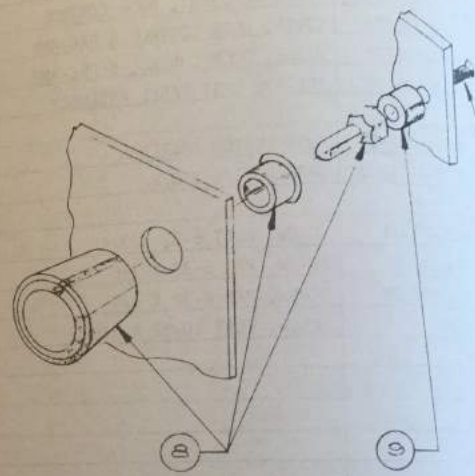
FRONT VIEW W/ COVER OPEN

6110-106781
 OR CONTROL ASSEMBLY



SIDE VIEW

EXPLODED VIEW OF PUSH BUTTON FASTENER (ITEM 8) SHOWING ORDER OF ASSEMBLY



DWG. 6110-106781

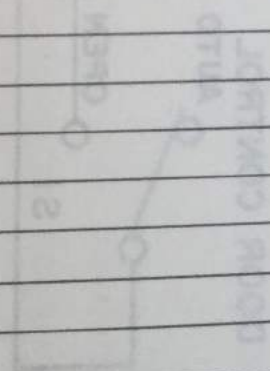
| ITEM | WDF NO. |
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- NOTES:
- 1 REFERENCE DOCUMENT: WIRING DIAG. DWG NO. 6110-10685F.
 - 2 ITEM 2 SHOWN ON THIS DWG AS REF ONLY. WALL CAN TO BE FIELD INSTALLED PRIOR TO SHIPMENT OF DOOR CONTROL ASSY.
 - 3 SCREWS, ITEM 14, TO BE SHIPPED WITH ASSY FOR FIELD INST.

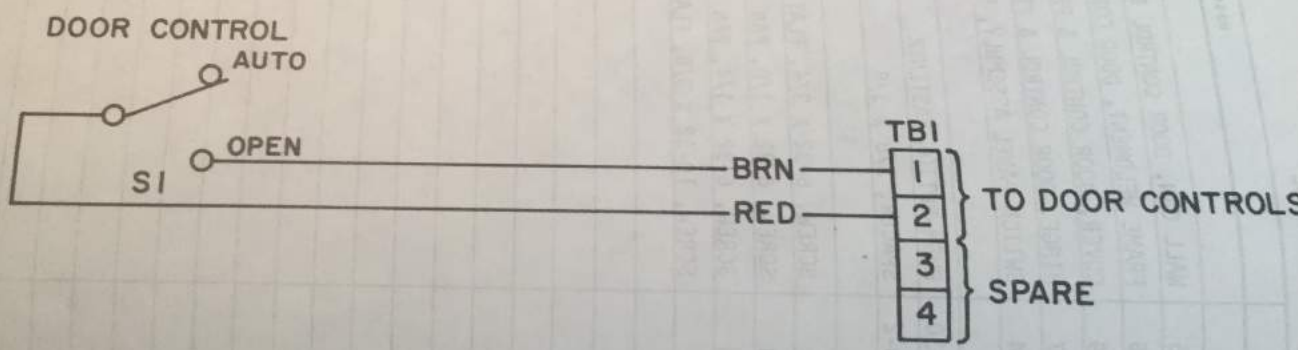
DWG. 6110-106781

ASSEMBLY DOOR CONTROL

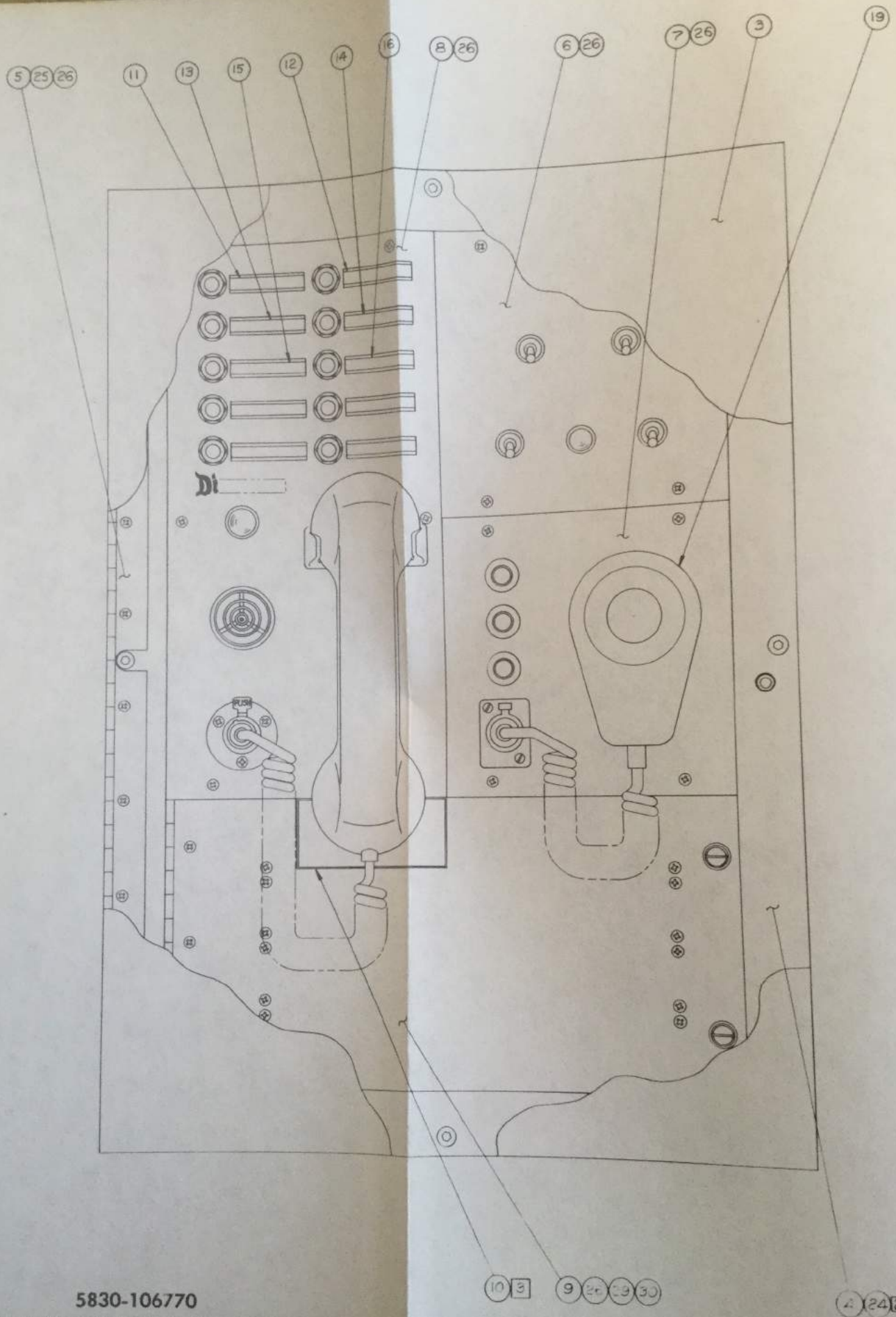
| ITEM | WDP NO. | PART NO. | DESCRIPTION | QTY. |
|------|---------|--------------|--------------------------------------|------|
| 1. | | | | |
| 2. | | 5830-106775 | WALL CAN, DOOR CONTROL & PRE-AMP | 1 |
| 3. | | 5805-106776 | FRAME WELDMENT, DOOR CONTROL | 1 |
| 4. | | 5805-106779 | COVER, DOOR CONTROL & PRE-AMP | 1 |
| 5. | | 5340-106777 | HINGE, DOOR CONTROL & PRE-AMP | 1 |
| 6. | | 6110-106854 | SWITCH PANEL ASSEMBLY, DOOR OVERRIDE | 1 |
| 7. | | | | |
| 8. | | 34-10-201-30 | PUSH-BUTTON FASTENER SOUTHCO | 1 |
| 9. | | 9319-A-140-2 | SPACER, 3/8 X 3/8 AMATOM | 1 |
| 10. | | | | |
| 11. | | MS24671-11 | SCREW, 6-32 X 3/4, FLAT | 1 |
| 12. | | MS51957-24 | SCREW, 6-32 X 1/8, PAN | 4 |
| 13. | | MS51957-26 | SCREW, 6-32 X 1/4, PAN | 4 |
| 14. | | 30501 | SCREW, 10-32 X 3/8, FLAT UNBRAKO | 6 |
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DOOR OVERRIDE CONTROL BOX WIRING DIAGRAM
6110-106857

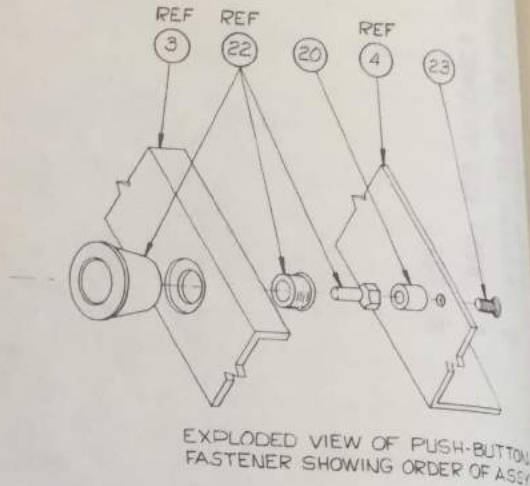
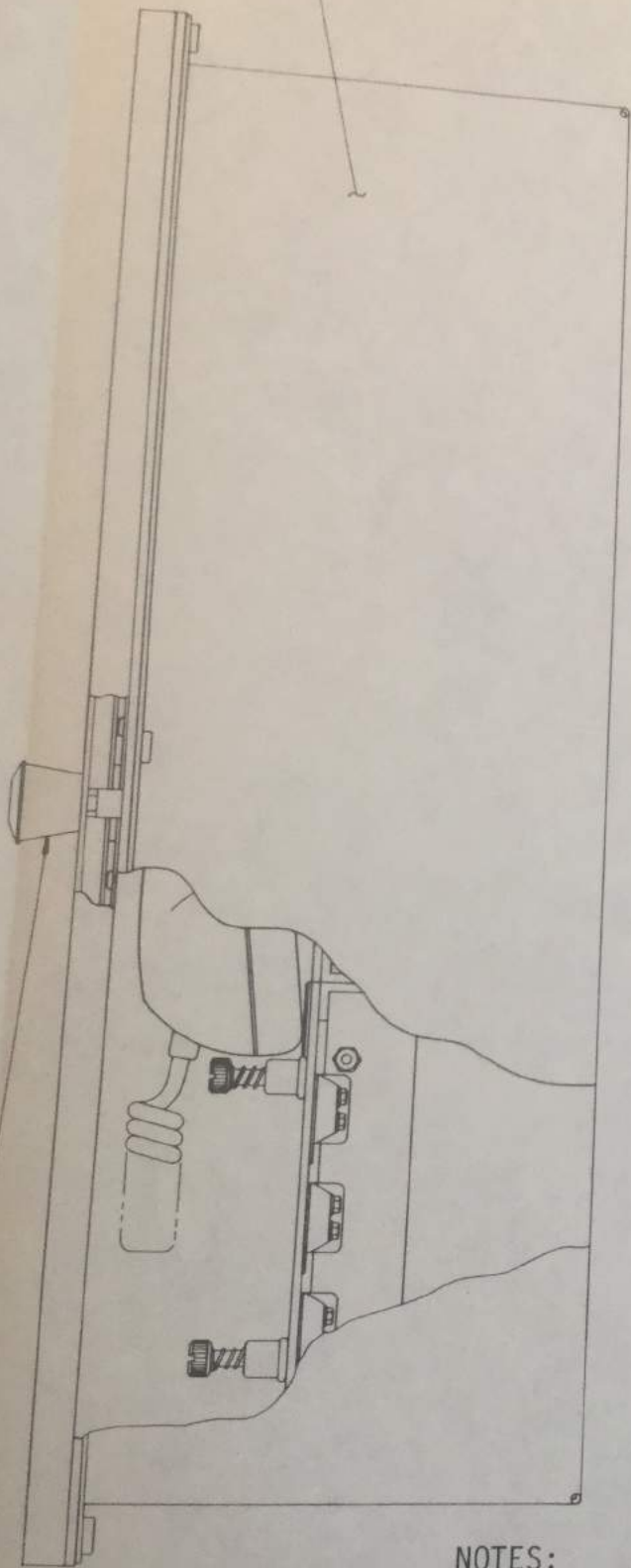


NOTES:



5830-106770

PA-IC STATION PODIUM CONSOLE ASSEMBLY

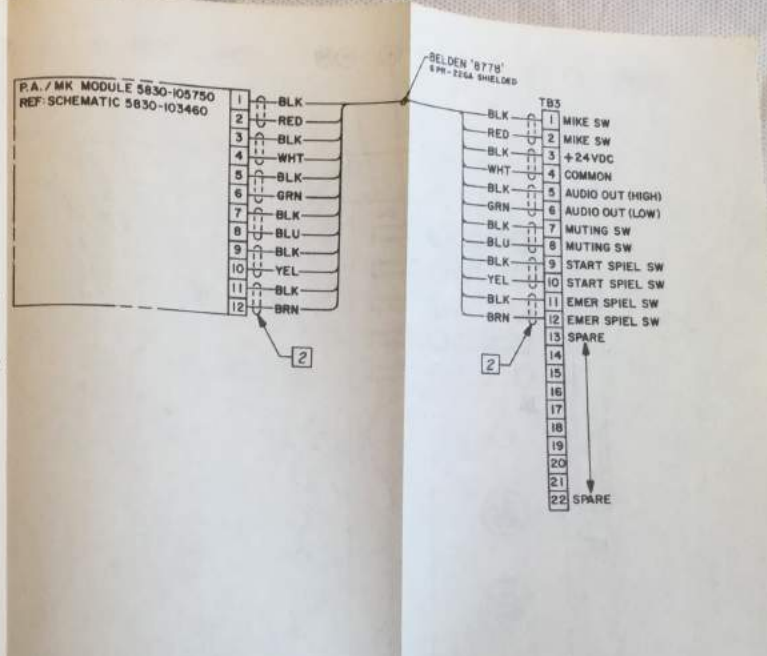
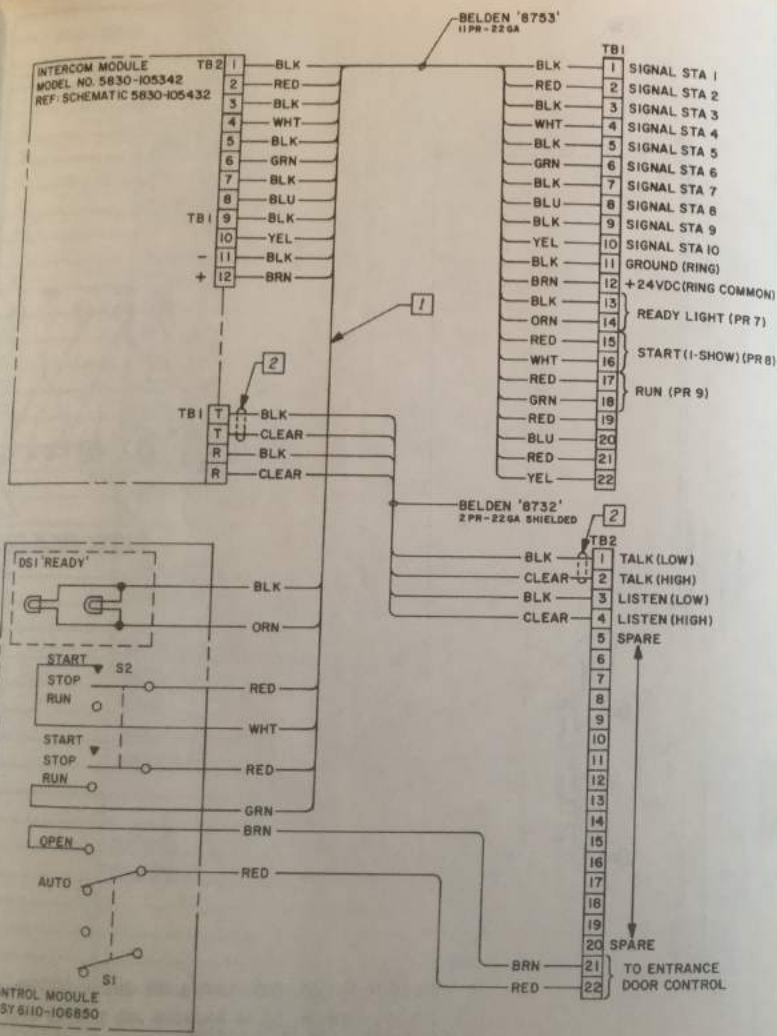


EXPLODED VIEW OF PUSH-BUTTON FASTENER SHOWING ORDER OF ASSY

NOTES:

- 1 REFER TO DWG NO. 5830-106853 FOR WIRING DIAGRAM.
- 2 SCREWS, ITEM 24, TO BE PACKAGED AND SHIPPED WITH ASSY FOR FIELD INSTALLATION.
- 3 AFFIX, WITH ADHESIVE, TO PANEL IN APPROX LOCATION SHOWN.
- 4 ITEM 2, "WALL CAN", SHOWN ON THIS DWG AS REF ONLY. "WALL CAN" TO BE FIELD INSTALLED PRIOR TO SHIPMENT OF PA-IC ASSY.

| ITEM | WDP NO. | PART NO. | DESCRIPTION | QTY. |
|------|---------|--------------|--|------|
| 1. | | | | |
| 2. | | 5830-106755 | WALL CAN, CONSOLE PA-IC STATION | 4 |
| 3. | | 5805-106764 | COVER, CONSOLE PA-IC STATION | 1 |
| 4. | | 5805-106762 | WELDMENT, CONSOLE PA-IC STATION | 1 |
| 5. | | 5340-106765 | HINGE | 1 |
| 6. | | 6110-106850 | CONT MODULE ASSEMBLY | 1 |
| 7. | | 5830-105750 | PRE-AMP MODULE | 1 |
| 8. | | 5830-105342 | OPERATION INTERCOM | 1 |
| 9. | | 5805-106760 | TERMINAL BLOCK MOUNTING PANEL ASSEMBLY | 1 |
| 10. | | 5840-106902 | STRIKER PLATE | 3 |
| 11. | | 5830-105572 | I.D. LABEL, ITEM 1 | 1 |
| 12. | | 5830-105572 | I.D. LABEL, ITEM 6 | 1 |
| 13. | | 5830-105572 | I.D. LABEL, ITEM 40 | 1 |
| 14. | | 5830-105572 | I.D. LABEL, ITEM 41 | 1 |
| 15. | | 5830-105572 | I.D. LABEL, ITEM 42 | 1 |
| 16. | | 5830-105572 | I.D. LABEL, ITEM 10 | 5 |
| 17. | | | | |
| 18. | | | | |
| 19. | | 5965-105577 | MICROPHONE ASSEMBLY | 1 |
| 20. | | 9319-A-140-2 | SPACER, 3/8 X 3/8 AMATOM | 1 |
| 21. | | | | |
| 22. | | 34-10-201-30 | PUSH-BUTTON FASTENER SOUTHCO | 1 |
| 23. | | MS24671-11 | SCREW, FL HD SOC, 6-32 X 3/4 | 1 |
| 24. | | 30501 | SCREW, FL HD SOC, 10-32 X 3/8 UNBRAKO | 8 |
| 25. | | MS51957-24 | SCREW, PAN HD, 6-32 X 1/8 | 10 |
| 26. | | MS51957-26 | SCREW, PAN HD, 6-32 X 1/4 | 26 |
| 27. | | | | |
| 28. | | | | |
| 29. | | AN340C6 | NUT, PLAIN, HEX NO. 6-32 | 3 |
| 30. | | MS35333-71 | WASHER, LOCK INTERNAL TOOTH #6 | 3 |
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- NOTES:
- 1 TIE BACK UNUSED PAIRS AT INTERCOM FOR FUTURE USE.
 - 2 SHIELDS TO BE UNCONNECTED AND TRIMMED FLUSH WITH JACKET. WIRE TO BE 18 AWG, STRANDED, PVC INSULATION, COLOR CODED & CABLE NO. AS SHOWN.
 - 3 WIRE SELECTOR LEAD ON INTERCOM MODULE TO TB2-3 ON I.C. MODULE AS DIRECTED BY ENGINEERING.
 - 4 REF: FOR ASSY SEE DWG 5830-106770.

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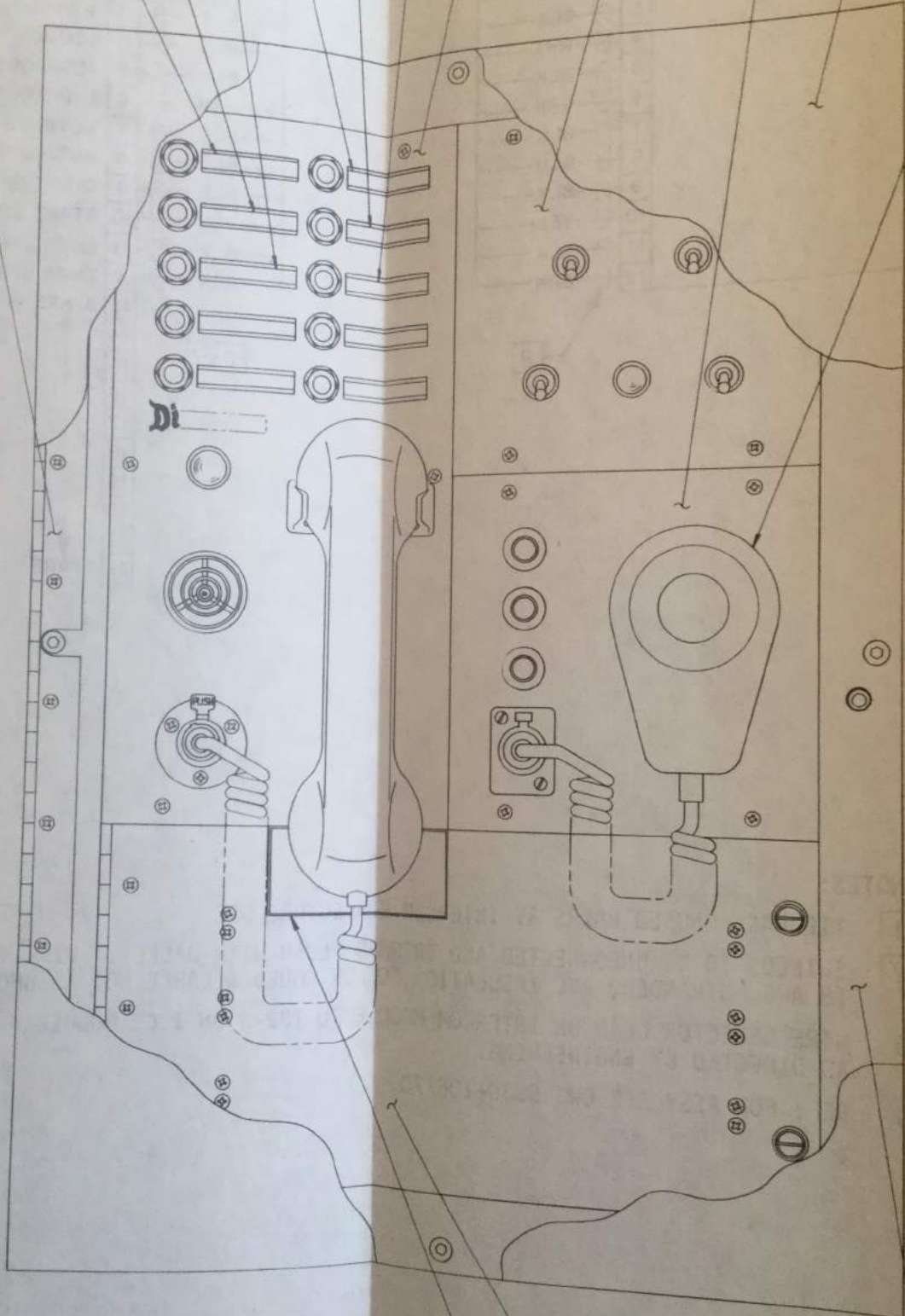
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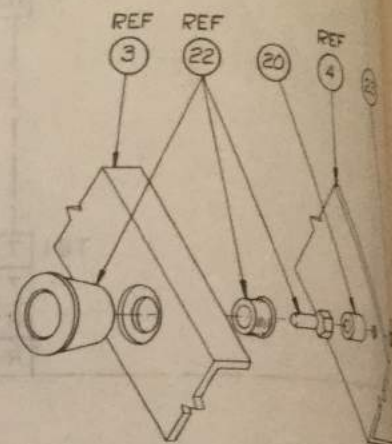
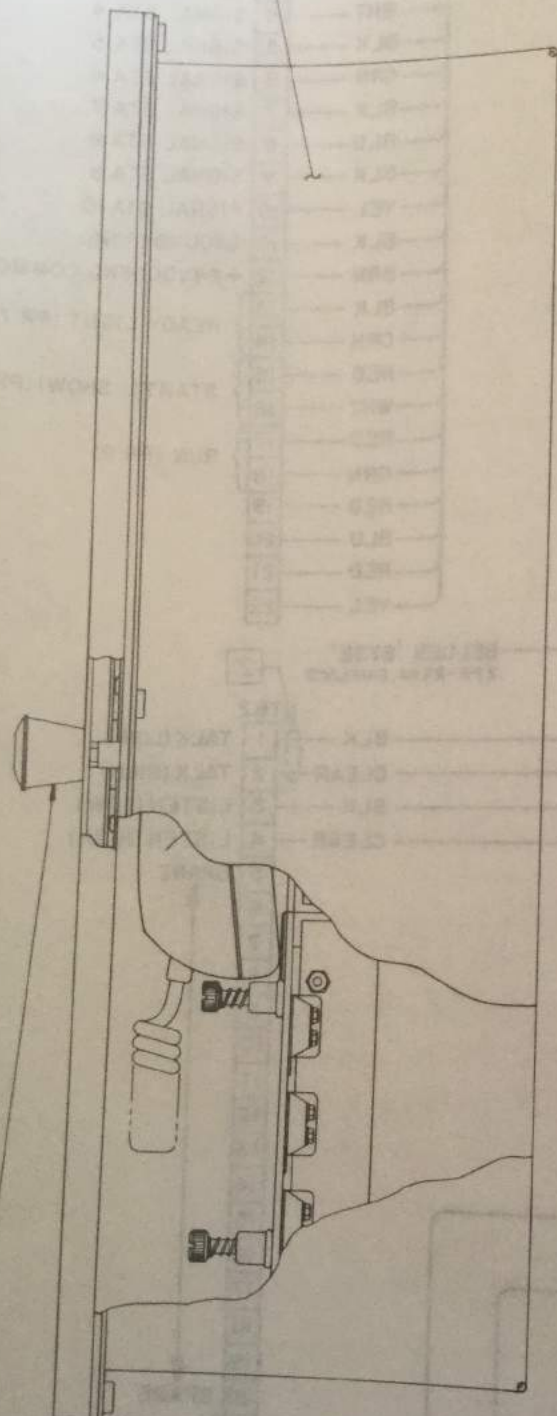


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EXPLODED VIEW OF PUSHER FASTENER SHOWING ORDER OF

NOTES:

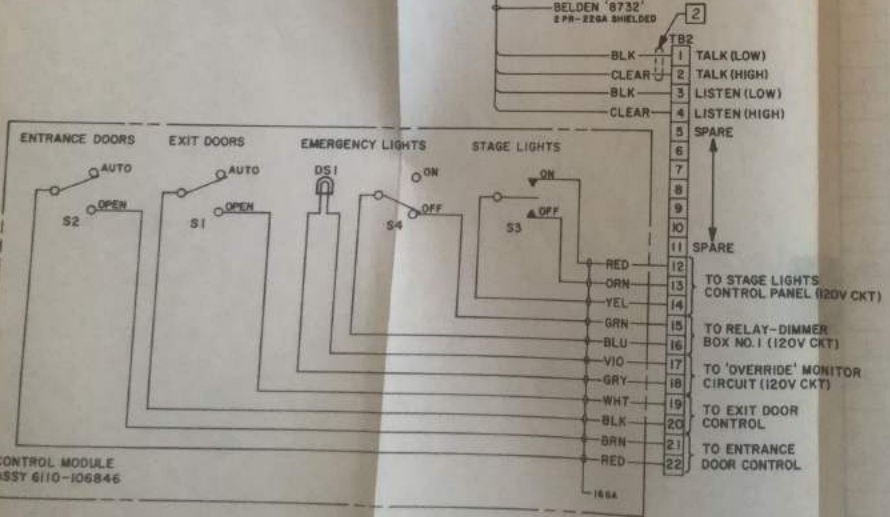
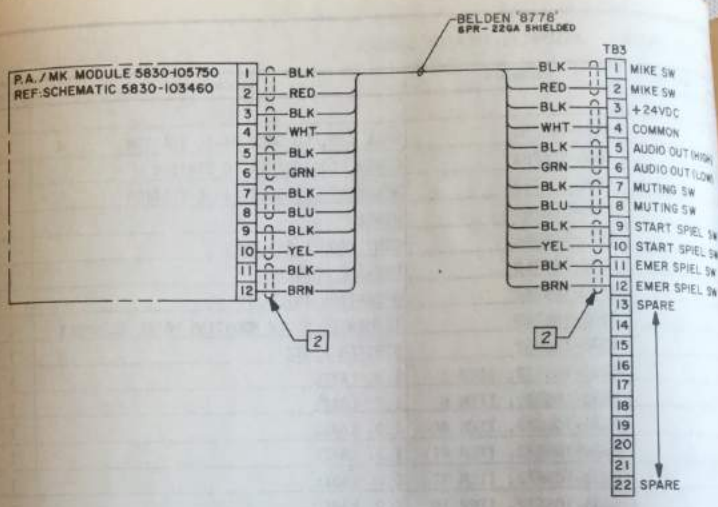
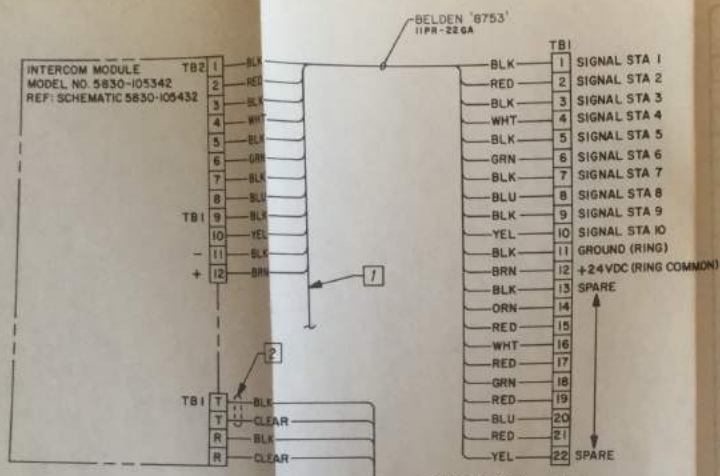
- 1 REFER TO DWG NO. 5830-106849 FOR WIRING DIAGRAM.
- 2 SCREWS, ITEM 24, TO BE PACKAGED AND SHIPPED WITH ASSY FOR FIELD INSTALLATION.
- 3 AFFIX, WITH ADHESIVE, TO PANEL IN APPROX LOCATION SHOWN
- 4 ITEM 2, "WALL CAN", SHOWN ON THIS DWG AS REF ONLY. TO BE FIELD INSTALLED PRIOR TO SHIPMENT OF PA-IC ASSY.

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DWG. 5830-106769

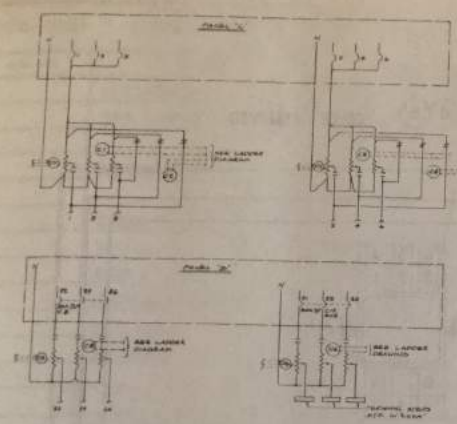
ASSEMBLY, THEATER CONSOLE

| ITEM | WDP NO. | PART NO. | DESCRIPTION | QTY. |
|------|---------|----------------------|---|-----------|
| 1. | | | | |
| 2. | | 5830-106755 | | |
| 3. | | 5805-106764 | WALL CAN, CONSOLE PA-IC STATION | 4 1 |
| 4. | | 5805-106762 | COVER, CONSOLE PA-IC STATION | 1 |
| 5. | | 5340-106765 | WELDMENT, CONSOLE PA-IC STATION | 1 |
| 6. | | 6110-106846 | HINGE | 1 |
| 7. | | 5830-105750 | CONT MODULE ASSEMBLY | 1 |
| 8. | | 5830-105342 | PRE-AMP MODULE | 1 |
| 9. | | 5805-106760 | OPERATION INTERCOM | 1 |
| 10. | | 5840-106902 | TERMINAL BLOCK MOUNTING PANEL ASSEMBLY | 1 |
| 11. | | 5830-105572, ITEM 1 | STRIKER PLATE | 3 1 |
| 12. | | 5830-105572, ITEM 6 | I.D. LABEL | 1 |
| 13. | | 5830-105572, ITEM 40 | I.D. LABEL | 1 |
| 14. | | 5830-105572, ITEM 41 | I.D. LABEL | 1 |
| 15. | | 5830-105572, ITEM 42 | I.D. LABEL | 1 |
| 16. | | 5830-105572, ITEM 10 | I.D. LABEL | 1 |
| 17. | | | | 5 |
| 18. | | | | |
| 19. | | 5965-105577 | MICROPHONE ASSEMBLY | 1 |
| 20. | | 9319-A-140-2 | SPACER, 3/8 X 3/8 | AMATOM 1 |
| 21. | | | | |
| 22. | | 34-10-201-30 | PUSH-BUTTON FASTENER | SOUTHCO 1 |
| 23. | | MS24671-11 | SCREW, FLAT HD SOC, 6-32 X 3/4 | 1 |
| 24. | | 30501 | SCREW, FLAT HD SOC, 10-32 X 3/8 UNBRAKO | 8 |
| 25. | | MS51957-24 | SCREW, PAN HD, 6-32 X 1/8 | 10 |
| 26. | | MS51957-26 | SCREW, PAN HD, 6-32 X 1/4 | 26 |
| 27. | | | | |
| 28. | | | | |
| 29. | | AN340C6 | NUT, PLAIN, HEX, 6-32, CRES | 3 |
| 30. | | MS35333-71 | WASHER, LOCK INTERNAL TOOTH, #6 | 3 |

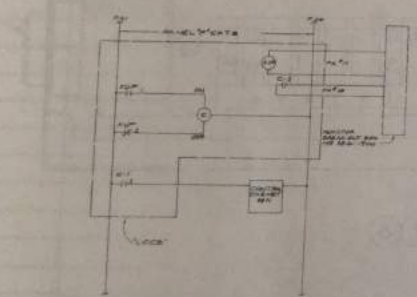


- NOTES:
- 1 TIE BACK UNUSED PAIRS AT INTERCOM FOR FUTURE USE.
 - 2 SHIELDS TO BE UNCONNECTED AND TRIMMED FLUSH WITH JACKET. WIRE TO BE 18 AWG, STRANDED, PVC INSULATION, COLOR CODED & CABLE NO. AS SHOWN.
 - 3 WIRE SELECTRO LEAD ON INTERCOM MODULE TO TB2-5 FOR STAGE LEFT, TB2- STAGE RIGHT (ON I.C. MODULE) AS DIRECTED BY ENGINEERING.
 - 4 REF: FOR ASSY SEE DWG 5830-106769.

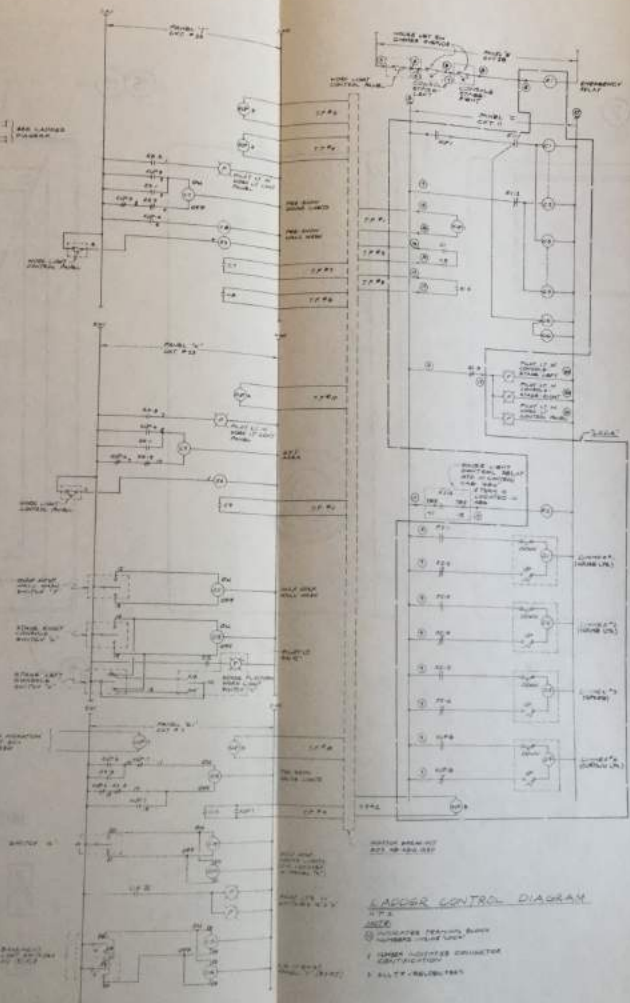
5830-106849
PA-IC STATION MAINSHOW CONSOLE
WIRING DIAGRAM



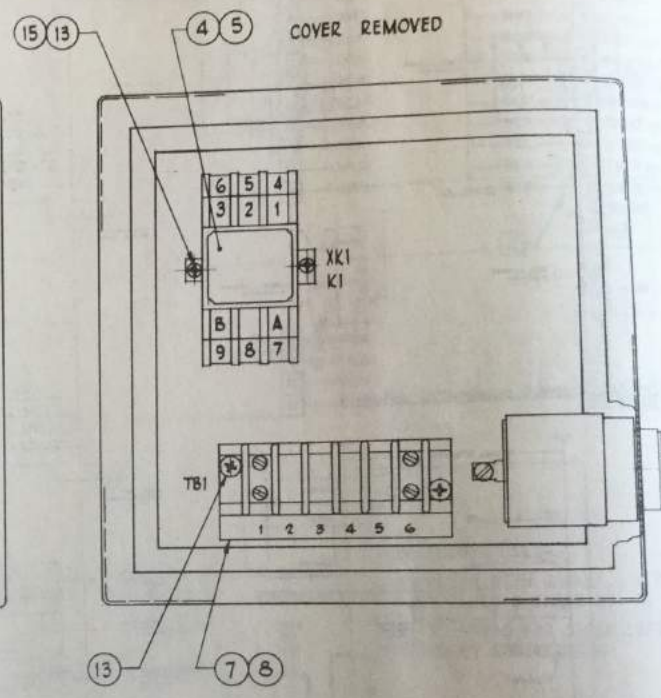
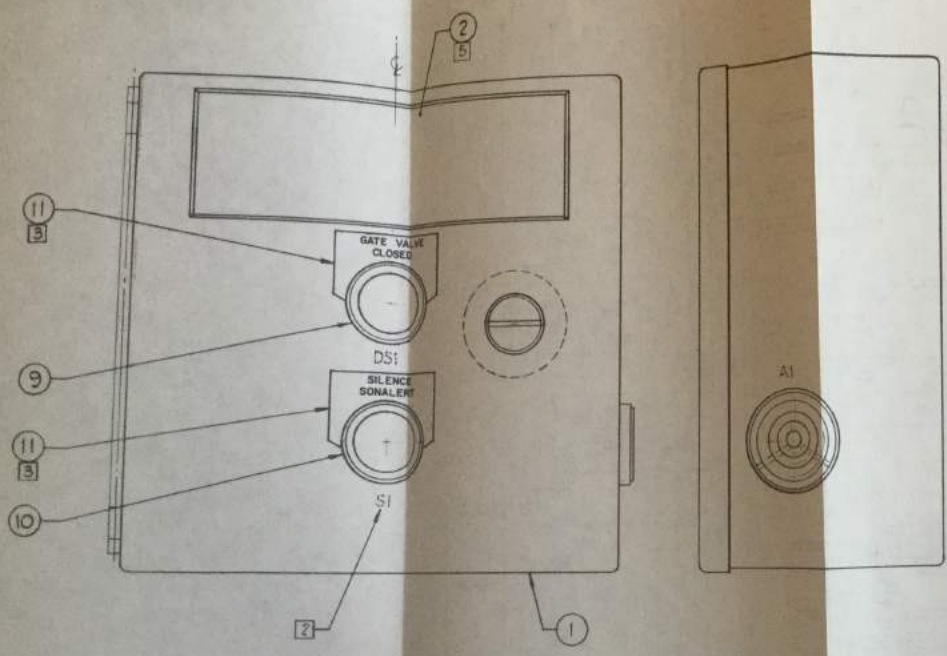
MOTORIZED DIMMER SCHEMATIC DIAGRAM
774



CONTROL CABINET 48H CONTROL SCHEMATIC



LADDER CONTROL DIAGRAM
775
 1 INDICATES RELAY, 2 INDICATES CONTACT NUMBER, 3 INDICATES CONTACT CONNECTION
 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100



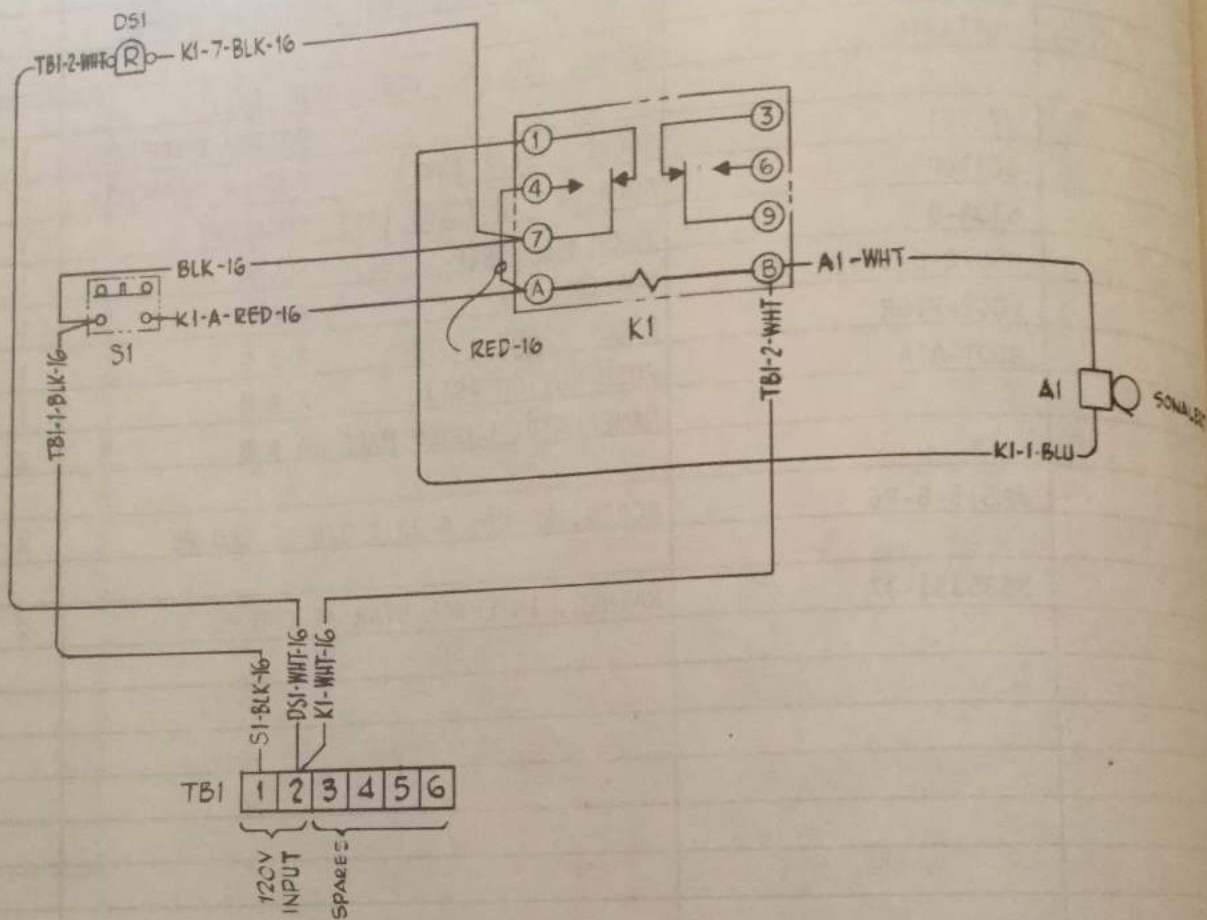
NOTES:

- 1 REF DOCUMENT: WIRING DIAG. 6110-106670, WED DW
- 2 MARK REF DESIG. INDELIBLY APPROX WHERE SHOWN
- 3 ITEM 11 TO BE ENGRAVED AS SHOWN. (A-B OR EQUAL
- 4 KNOCKOUT HOLES TO BE PROVIDED AT SITE.
- 5 LOCATE ITEM 2 APPROX AS SHOWN.

DWG. 6110-106667

ASSEMBLY, GATE VALVE INDICATOR PANEL

| ITEM | WDF NO. | PART NO. | DESCRIPTION | QTY. |
|------|---------|------------------|--|------|
| 1. | | 6110-106668 | DETAIL ENCLOSURE & PANEL | 1 |
| 2. | | 9905-106669 | I.D. LABEL GATE VALVE INDICATOR PANEL | 1 |
| 3. | | | | |
| 4. | | KUP14A15 | RELAY, 120 VAC, COIL, 3PDT (K1) | |
| 5. | | 27E121 | POTTER BRUMFIELD SOCKET RELAY (XK1) | 1 |
| 6. | | SC110P | POTTER BRUMFIELD SONALERT (BUZZER) (A1) | 1 |
| 7. | | 670A-6 | SONALERT TERMINAL STRIP (TB1) | 1 |
| 8. | | MS670-6-STYLE 1A | KULKA MARKER STRIP | 1 |
| 9. | | 800T-P16R | KULKA PILOT LIGHT (DS1) | 1 |
| 10. | | 800T-A1A | A & B PUSH BUTTON (S1) | 1 |
| 11. | | | A & B NAMEPLATE, CUSTOM MADE | 3 |
| 12. | | | A & B | 2 |
| 13. | | AN515-6-R6 | SCREW, RD HD, 6-32 X 3/8 LG CAD PL | 4 |
| 14. | | | | |
| 15. | | MS35333-37 | WASHER, INTERNAL STAR #6 CAD PL | 2 |



1. REF DOCUMENT: ASSY DWG 6110-106667.

NOTES: UNLESS OTHERWISE SPECIFIED