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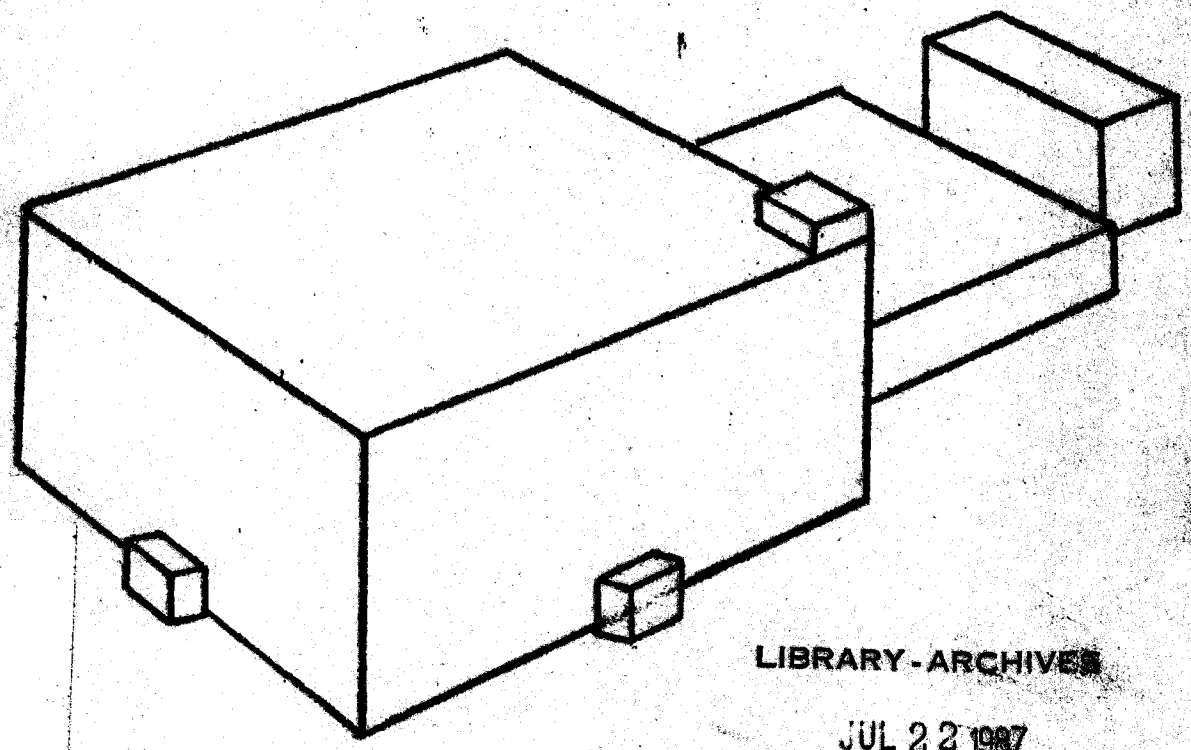
DECLASSIFIED C 343137 [redacted]

GUIDE TO McGUIRE (U)



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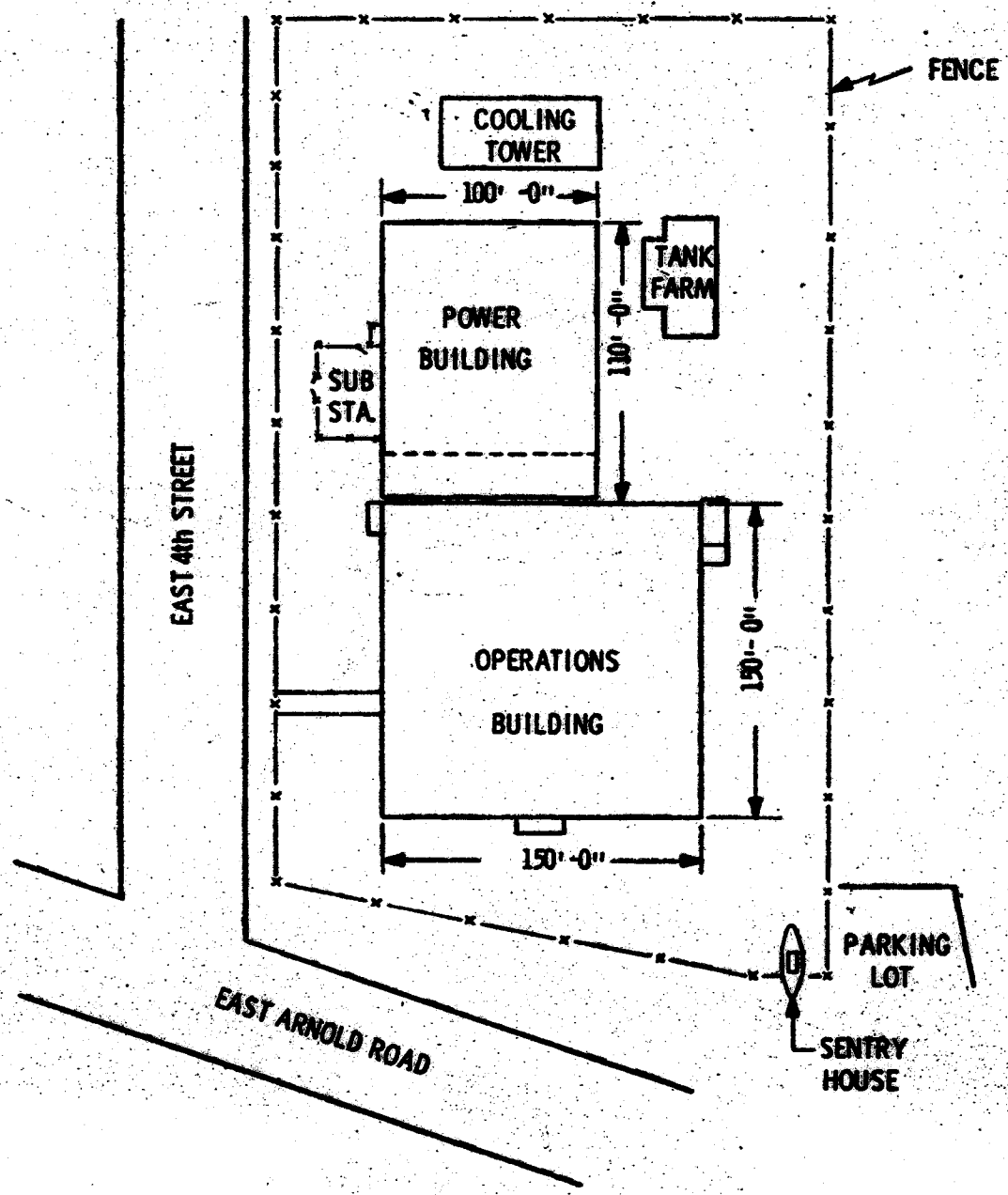

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PLOT PLAN

McGUIRE DC BUILDINGS

6049

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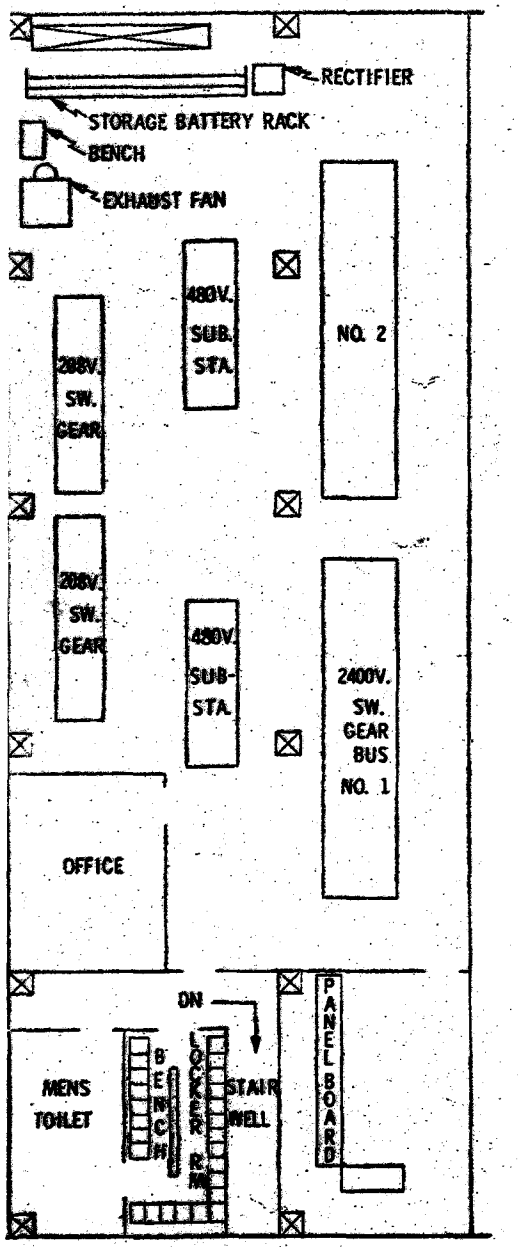

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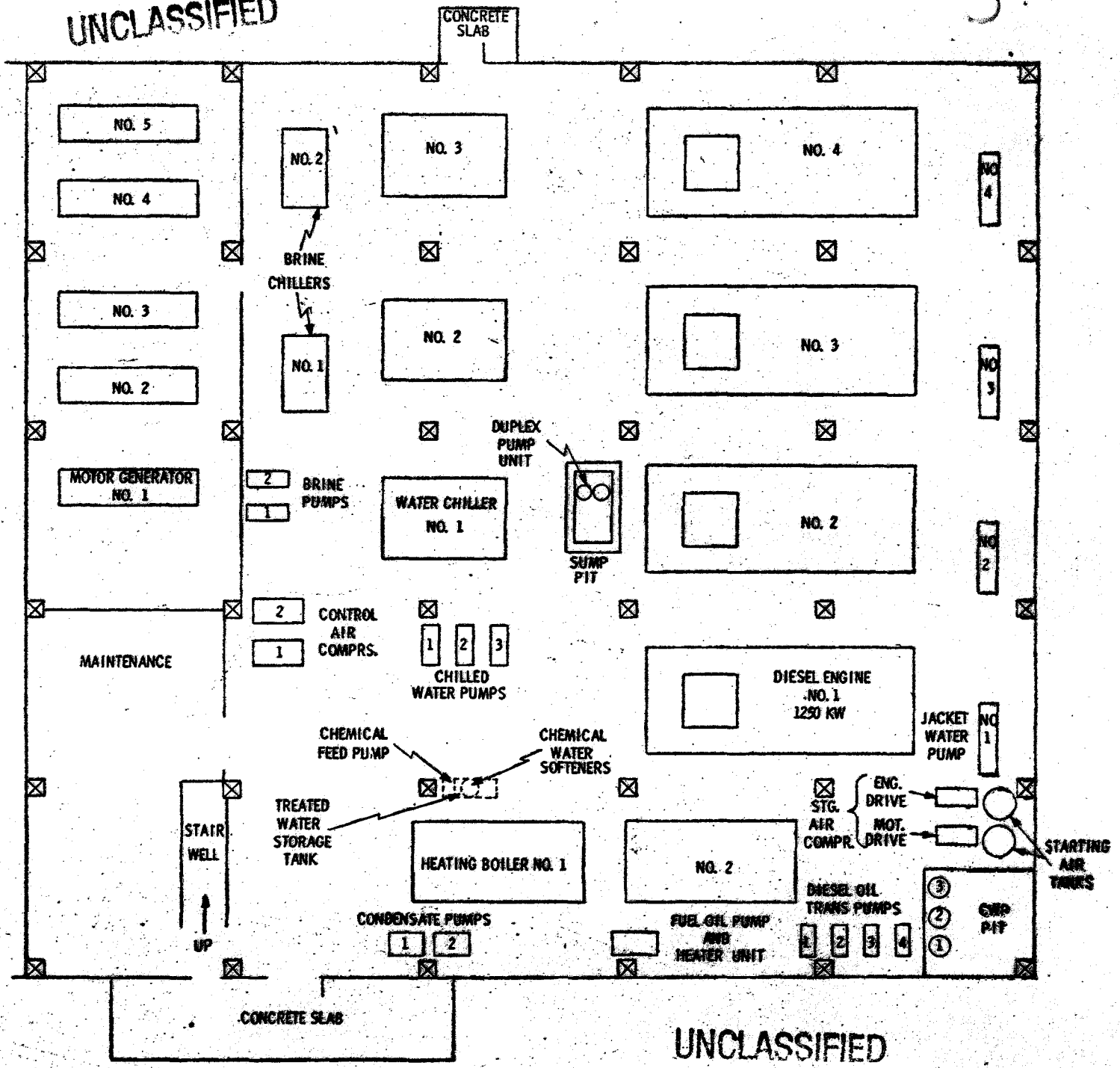

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1ST FLOOR

POWER BUILDING

McGUIRE DIRECTION CENTER

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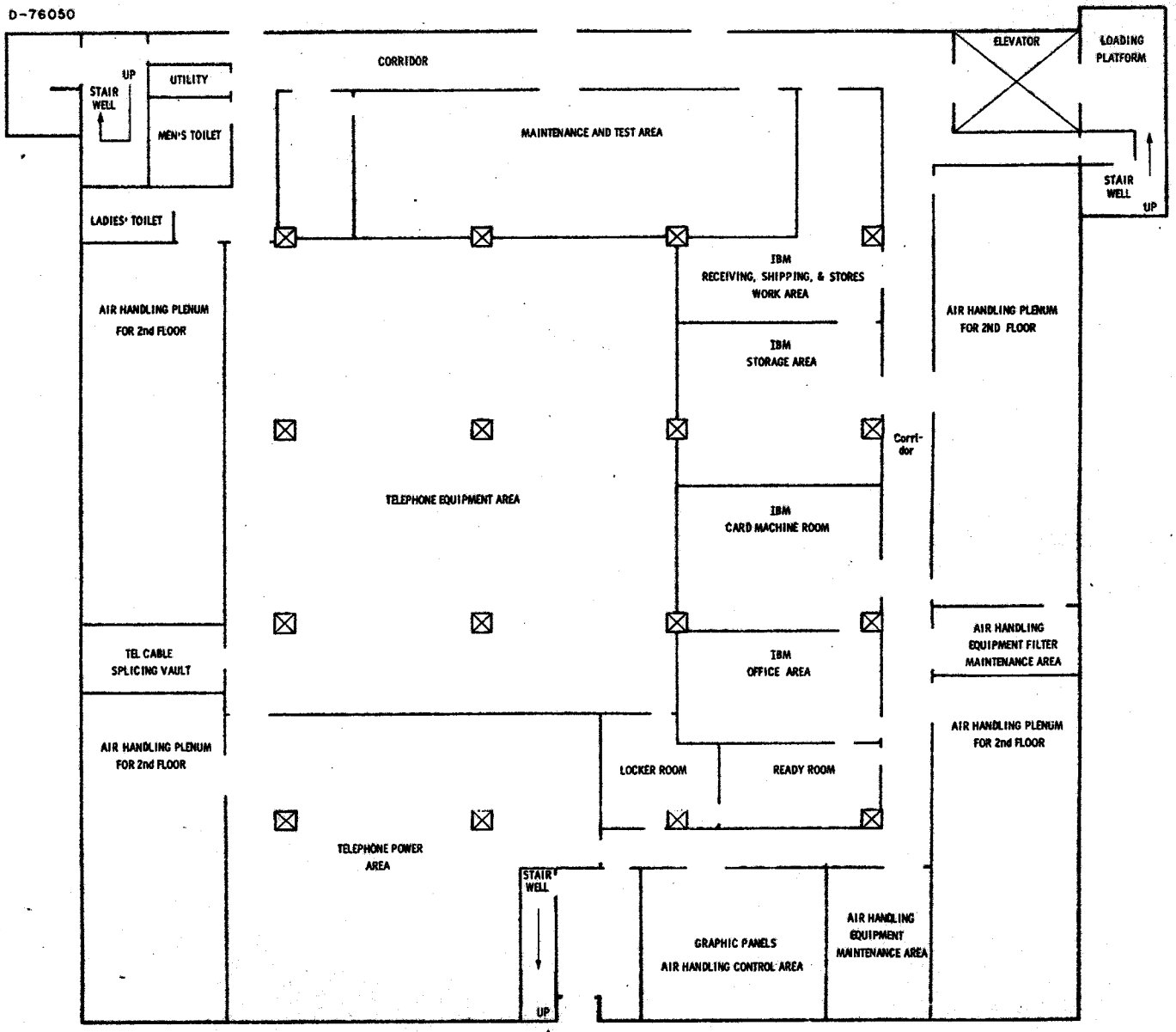
D-76050

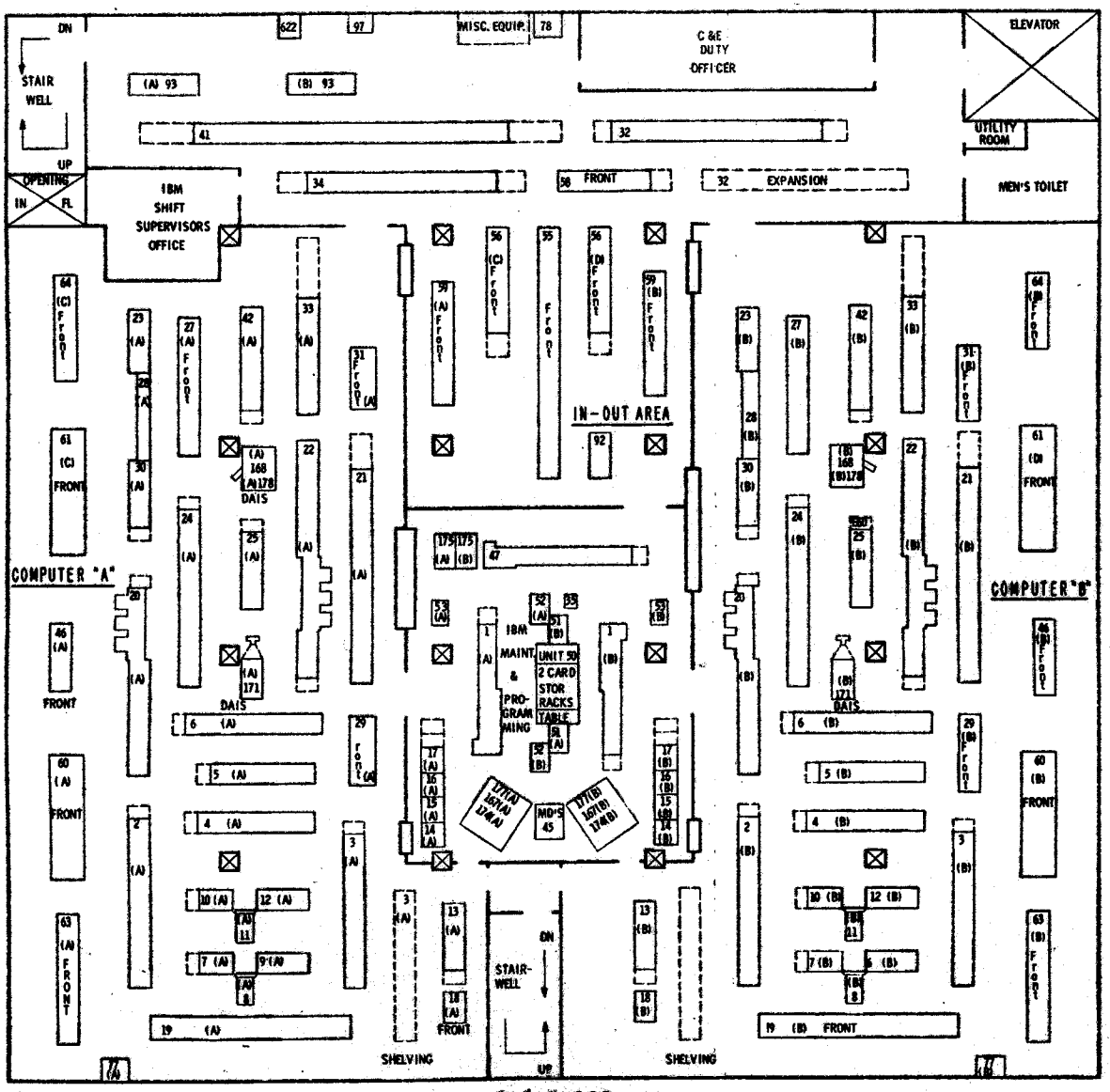


1st FLOOR
McGUIRE DIRECTION CENTER

UNCLASSIFIED

UNCLASSIFIED

D-76051



2nd FLOOR
COMPUTER AREA
McGUIRE DIRECTION CENTER

LEGEND

IBM FRAME NO	DESCRIPTION
1	CONSOLE - DUPLEX MAINTENANCE
2	LEFT ARITHMETIC FRAME
3	RIGHT ARITHMETIC FRAME
4	INSTRUCTION CONTROL UNIT
5	SELECTION CONTROL UNIT
6	COMPUTER PROGRAM UNIT
7 & 10	LEFT CORE MEMORY UNIT
8 & 11	CORE MEMORY ARRAY UNIT
9 & 12	RIGHT CORE MEMORY UNIT
13	MAGNETIC TAPE ADAPTER
14 TO 17	IBM 728 MAGNETIC TAPE UNIT
18	MAGNETIC TAPE POWER SUPPLY
19	MARGINAL CHECKING AND DISTRIBUTING UNIT, COMPUTER
20	AUXILIARY MAGNETIC DRUM UNIT
21	MAIN MAGNETIC DRUM CONTROL UNIT
22	MAIN MAGNETIC DRUM UNIT
23	MANUAL DATA INPUT UNIT
24	SITUATION DISPLAY GENERATOR
27	MARGINAL CHECKING AND DISTRIBUTING UNIT, DISPLAY, MANUAL INPUT, WARNING LIGHT DATA STORAGE
28	MANUAL DATA INPUT INTERCONN UNIT
29	MARGINAL CHECKING AND DISTRIBUTING UNIT, MAIN DRUM
30	WARNING LIGHT DATA STORAGE UNIT
31	MARGINAL CHECKING & DISTRIBUTING UNIT, OUTPUT
32	CROSS-TELLING INPUT UNIT
33	OUTPUT STORAGE UNIT
34	MAPPER COUNTER UNIT
35	OUTPUT TELETYPEWRITER MONITOR UNIT
41	LONG RANGE RADAR INPUT UNIT
42	OUTPUT CONTROL UNIT
45	CONSOLE, DUPLEX SWITCHING, MAINTENANCE
46	MARGINAL CHECKING AND DISTRIBUTING UNIT, AUXILIARY DRUM
47	CONSOLE, SIMPLEX MAINTENANCE
50	IBM #010 CARD PUNCH
51	IBM #713 CARD READER
52	IBM #718 LINE PRINTER
53	IBM #726 CARD PUNCH
55	POWER DISTRIBUTING UNIT - SX INPUT
56	CIRCUIT BREAKER UNIT, SX INPUT
58	MARGINAL CHECKING UNIT, SX INPUT
59	MARGINAL CHECKING AND DISTRIBUTING UNIT, DUPLEX INPUT
60	POWER SUPPLY FOR DUPLEX EQUIPMENT
61	POWER SUPPLY FOR SIMPLEX EQUIPMENT
63	PCD UNIT FOR DUPLEX EQUIPMENT
64	PCD UNIT FOR SIMPLEX EQUIPMENT
77	MARGINAL CHECKING GENERATOR, DUPLEX EQUIPMENT
78	MARGINAL CHECKING GENERATOR, SIMPLEX EQUIPMENT
92	TEST PATTERN GENERATOR
93	CONTROL UNIT, LONG RANGE INPUT MONITOR
97	SIMPLEX DISTRIBUTION FRAME
167	CONSOLE, SITUATION DISPLAY
168	CONSOLE, SITUATION DISPLAY PANEL, PATCH, SIG DIST
171	CONSOLE, SITUATION DISPLAY, WITH SEMI-AUTOMATIC CAMERA ATTACHMENT
174	CONSOLE, AUXILIARY DISPLAY
175	CONSOLE, AUXILIARY DISPLAY
177	PANEL, PATCHING, SIGNAL DISTRIBUTION
178	PANEL, PATCHING, SIGNAL DISTRIBUTION
622	CONSOLE, LONG RANGE INPUT MONITOR

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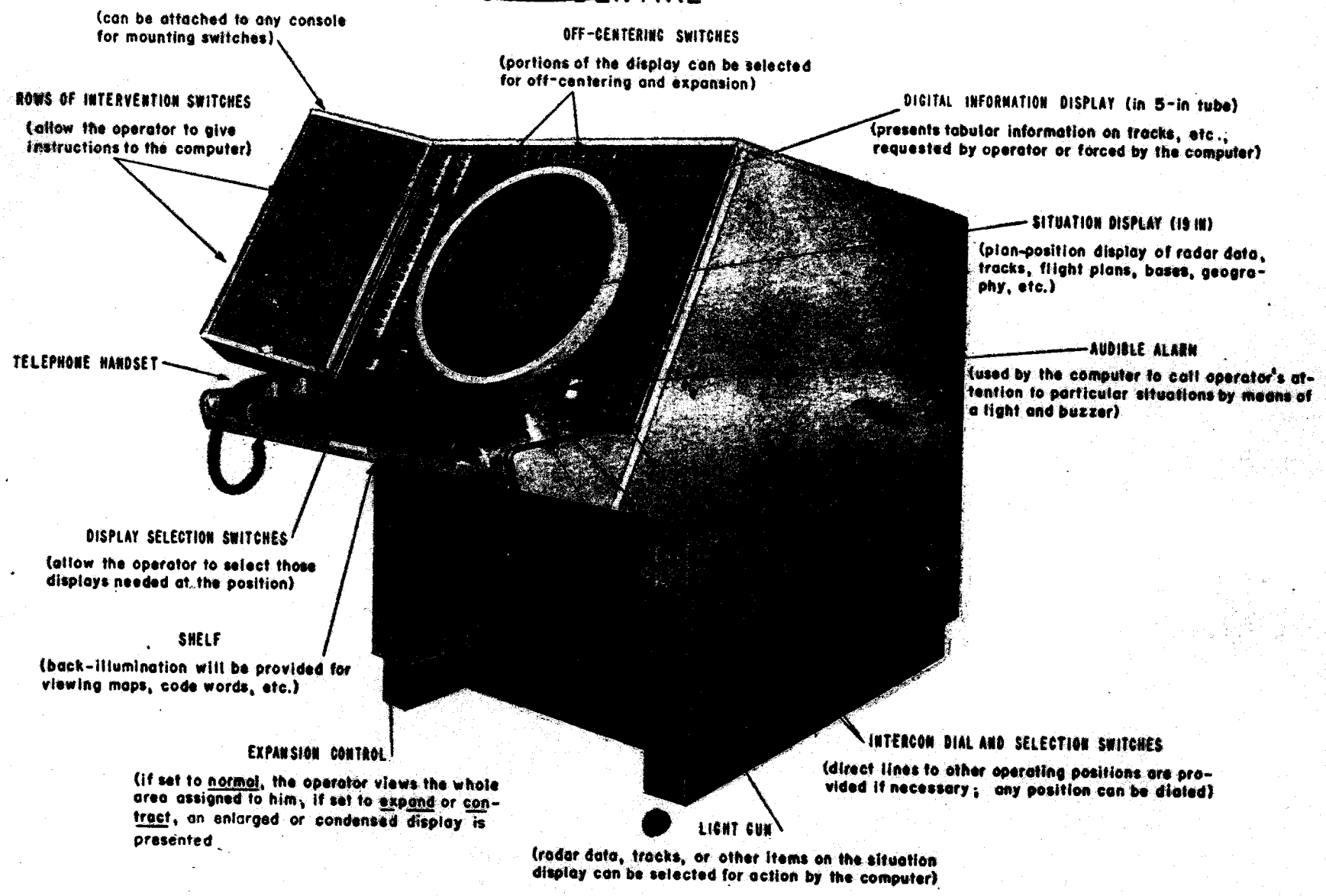

FACILITIES AT A TYPICAL SITUATION-DISPLAY CONSOLE

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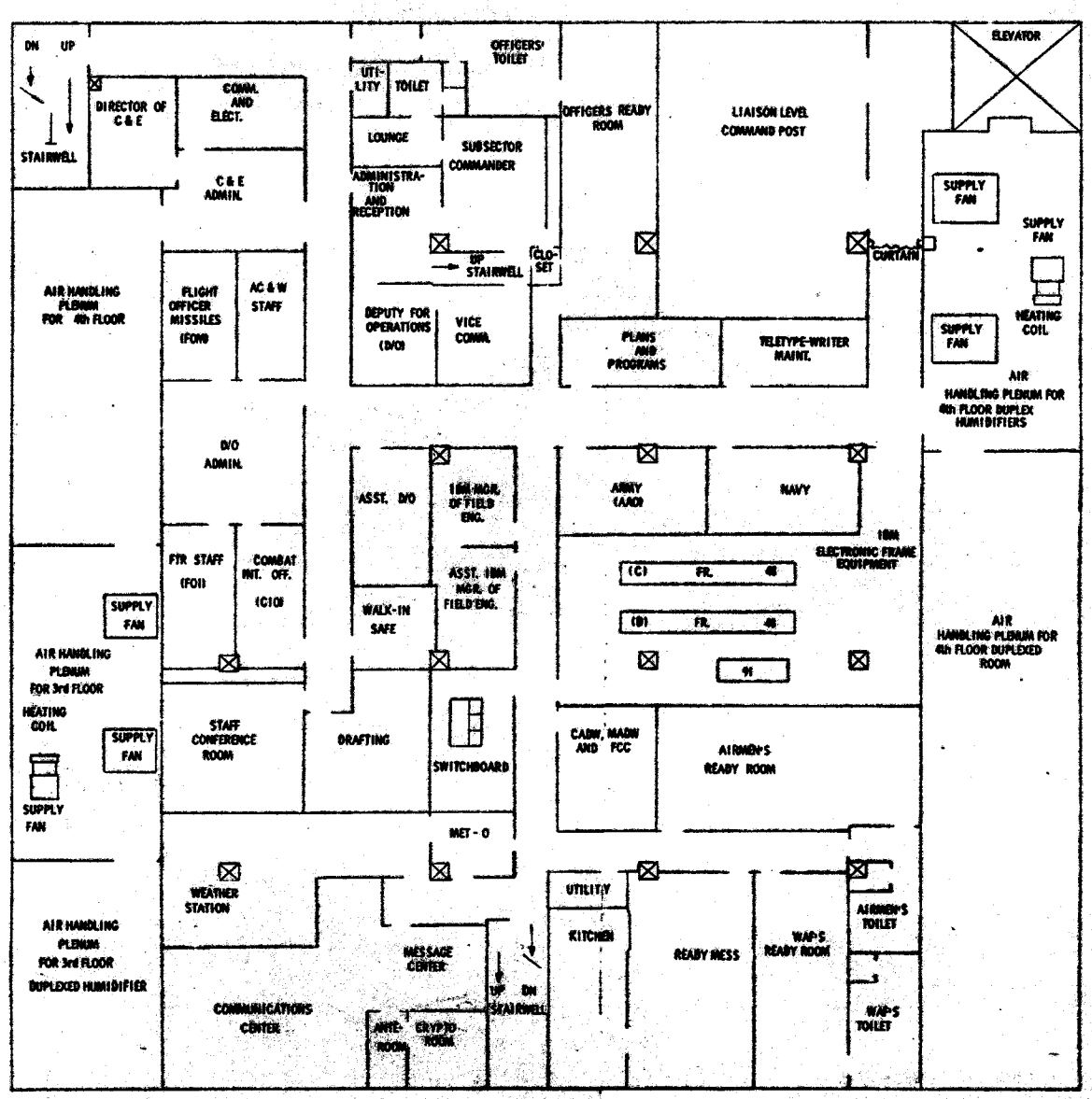
D – 76052

D-76052



3rd FLOOR
OFFICE AREA
McGUIRE DIRECTION CENTER

DESIGNATIONS

AAO	ANTI AIRCRAFT OFFICER
ACW	AIRCRAFT CONTROL AND WARNING
C&E	COMMUNICATIONS AND ELECTRONICS
CIO	COMBAT INTELLIGENCE OFFICER
D/O	DEPUTY FOR OPERATIONS
FOI	FLIGHT OFFICER – INTERCEPTION
FOM	FLIGHT OFFICER – MISSILES

IBM FRAME NO	DESCRIPTION
48	CIRCUIT BREAKER UNIT, DISPLAY CONSOLE
91	WARNING LIGHT INTERCOMM UNIT

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B-75717

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[redacted]

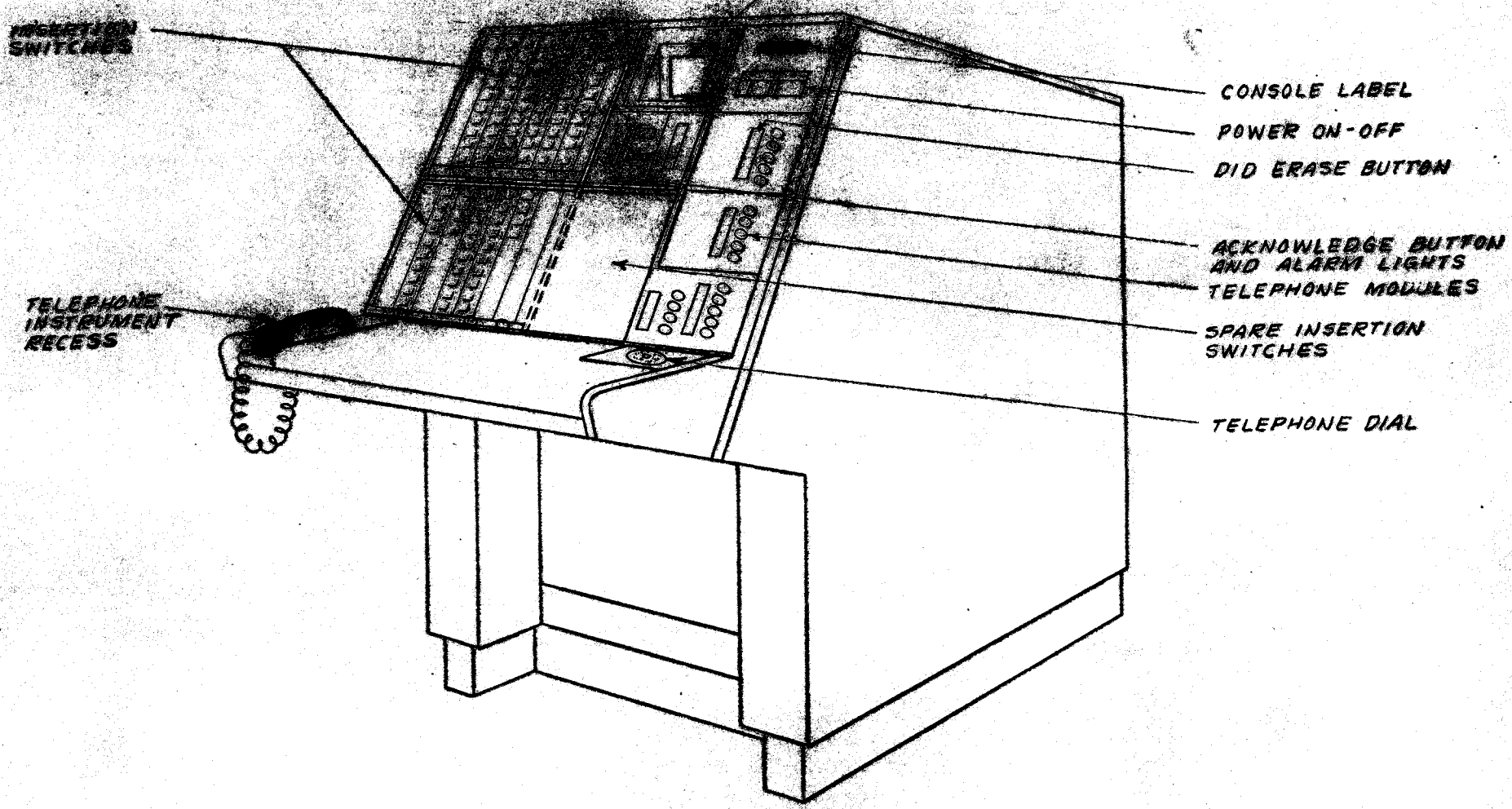

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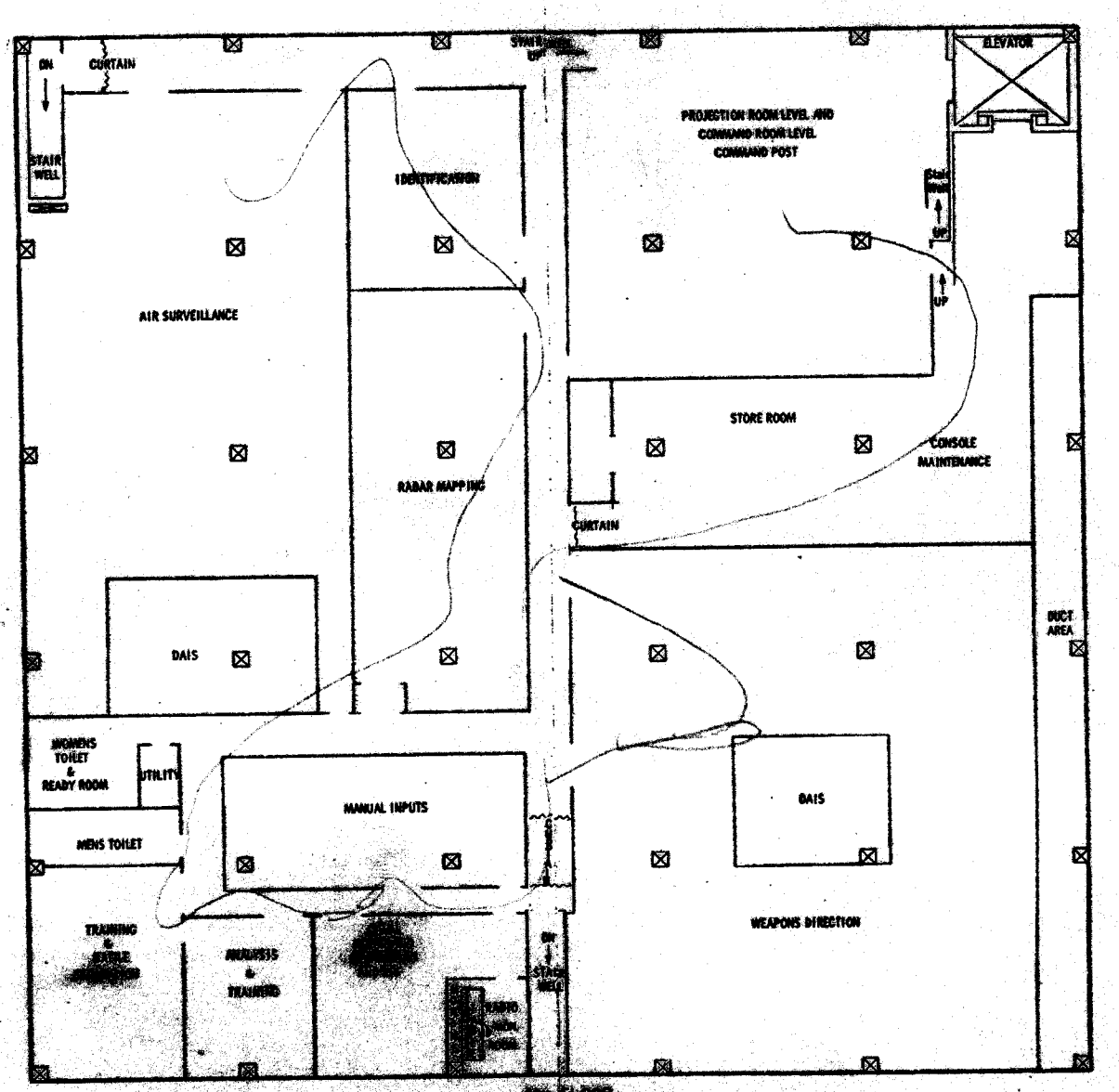
FIG. 12

AUXILIARY CONSOLE

[redacted]

D-76053



4th FLOOR
OPERATIONAL AREA
McGUIRE DIRECTION CENTER

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B-76059

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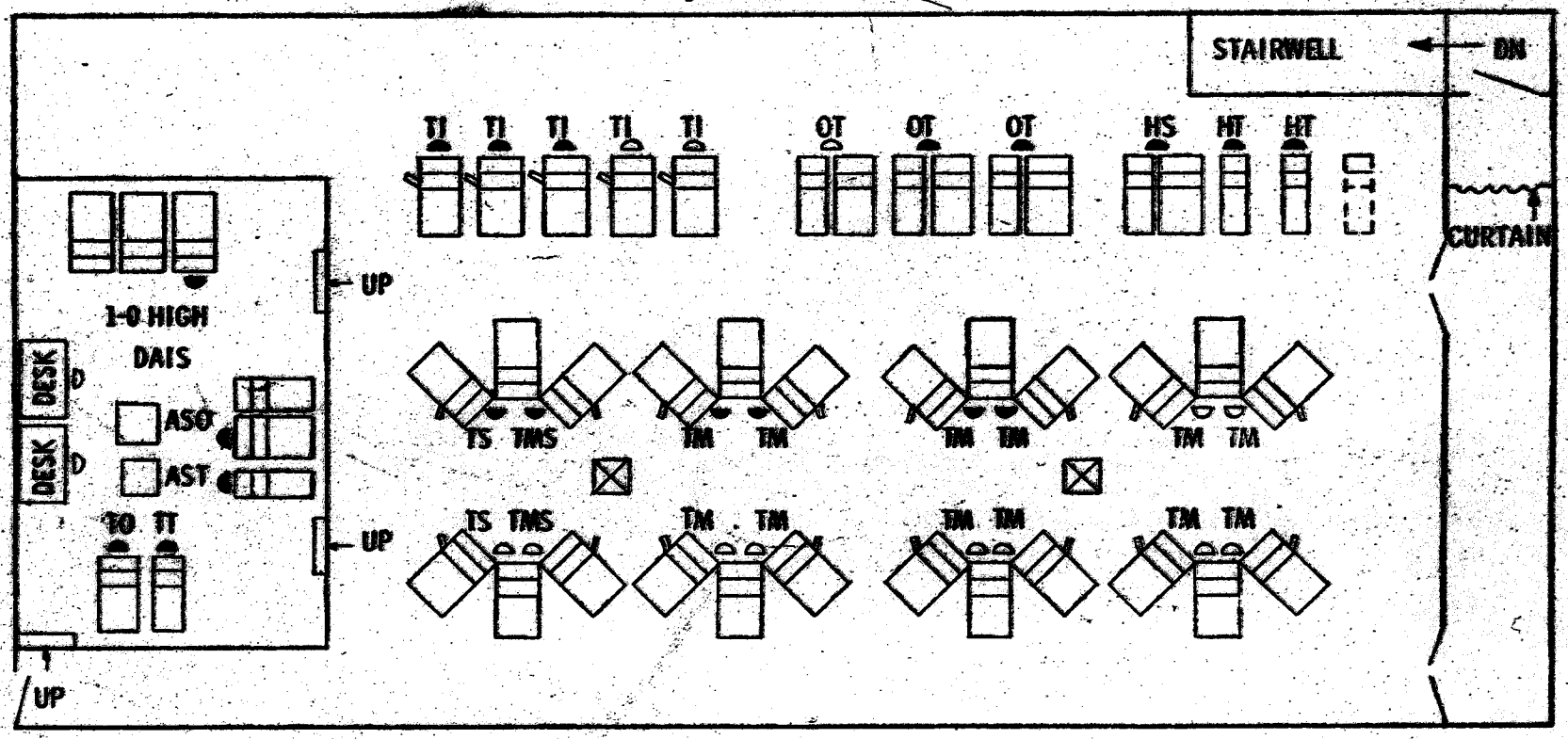
[redacted]



◐	OCCUPIED CONTINUOUSLY	TT	TRACKING TECHNICIAN	TI	TRACK INITIATOR
◑	OCCUPIED DURING BATTLE CONDITIONS	TMS	TRACK MONITOR SPECIAL	OT	OVERLAP TECHNICIAN
▼	WING UNIT	TS	TRACKING SUPERVISOR	HS	HEIGHT SUPERVISOR
ASO	AIR SURVEILLANCE OFFICER	TM	TRACK MONITOR	HT	HEIGHT TECHNICIAN
AST	AIR SURVEILLANCE TECHNICIAN	TO	TRACKING OFFICER		

4th FLOOR

AIR SURVEILLANCE ROOM

McGUIRE DIRECTION CENTER

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[redacted]

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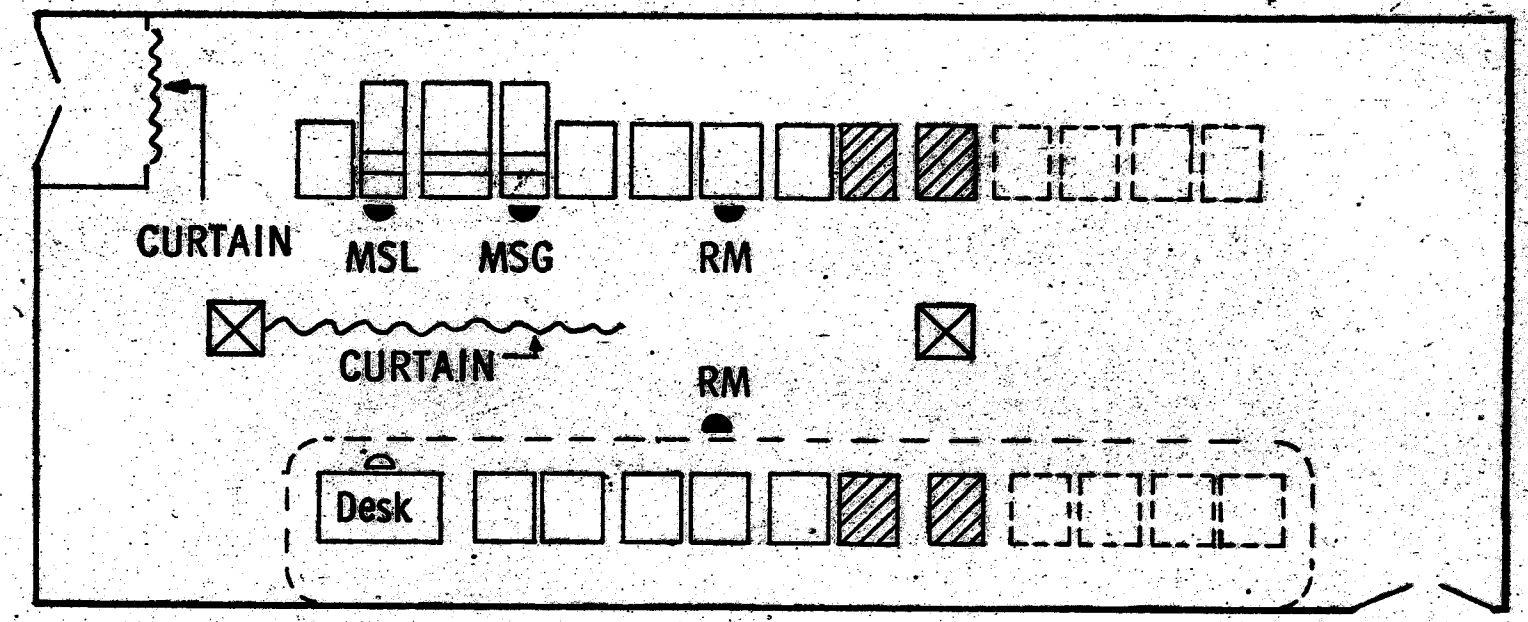

◐ OCCUPIED CONTINUOUSLY

◑ OCCUPIED DURING BATTLE CONDITIONS

MSL MAPPING SUPERVISOR (LONG RANGE INPUTS)

MSG MAPPING SUPERVISOR (GAP FILLER INPUTS)

RM RADAR MAPPER

DECLASSIFIED

4th FLOOR

RADAR MAPPING ROOM

McGUIRE DIRECTION CENTER

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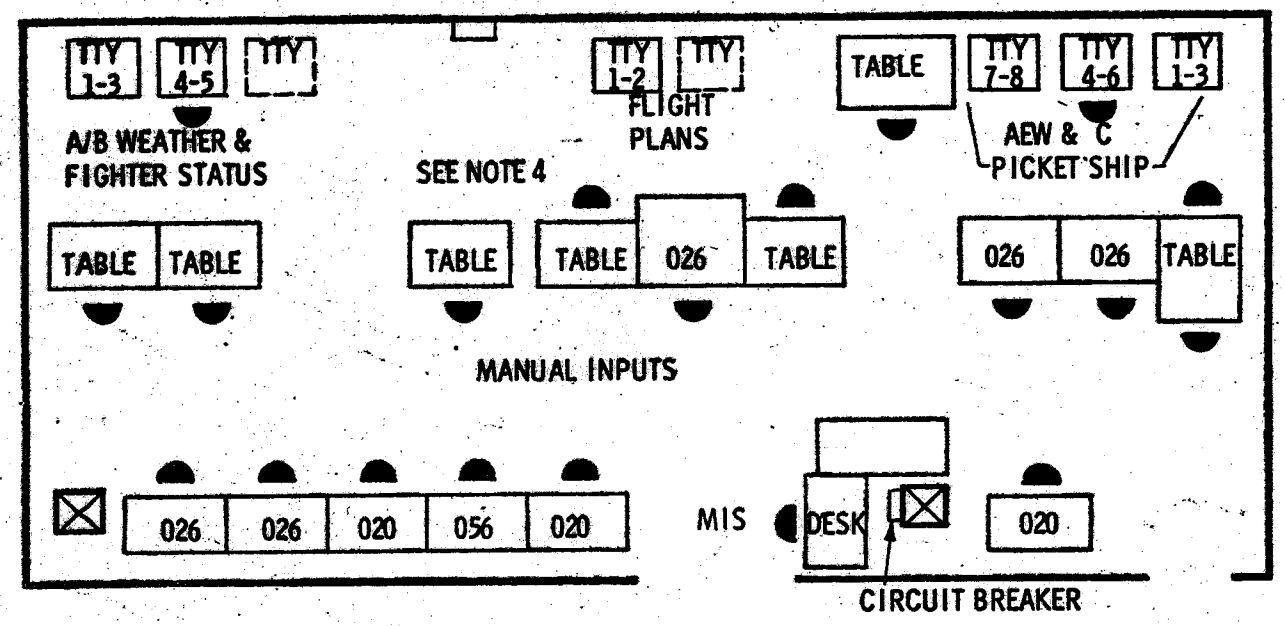

DESIGNATIONS

MIS	MANUAL INPUTS SUPERVISOR
TTY	TELETYPE
020	CARD READER
026	CARD PUNCH
056	CARD VERIFIER

4TH FLOOR
MANUAL INPUTS ROOM
McGUIRE DIRECTION CENTER

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[redacted]

A-76058

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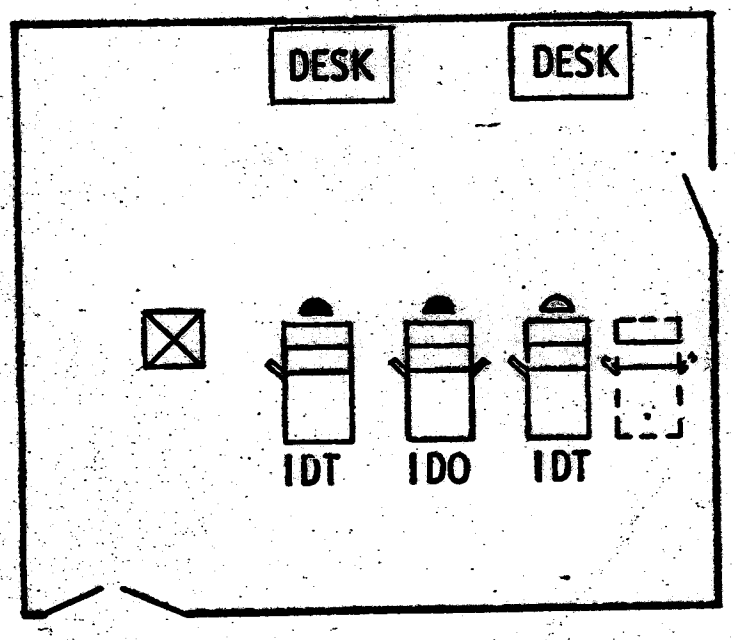

OCCUPIED CONTINUOUSLY

OCCUPIED DURING BATTLE CONDITIONS

WING UNIT

IDO IDENTIFICATION OFFICER

IDT IDENTIFICATION TECHNICIAN

4th FLOOR

IDENTIFICATION ROOM

McGUIRE DIRECTION CENTER

DECLASSIFIED

2 e-7oc 2

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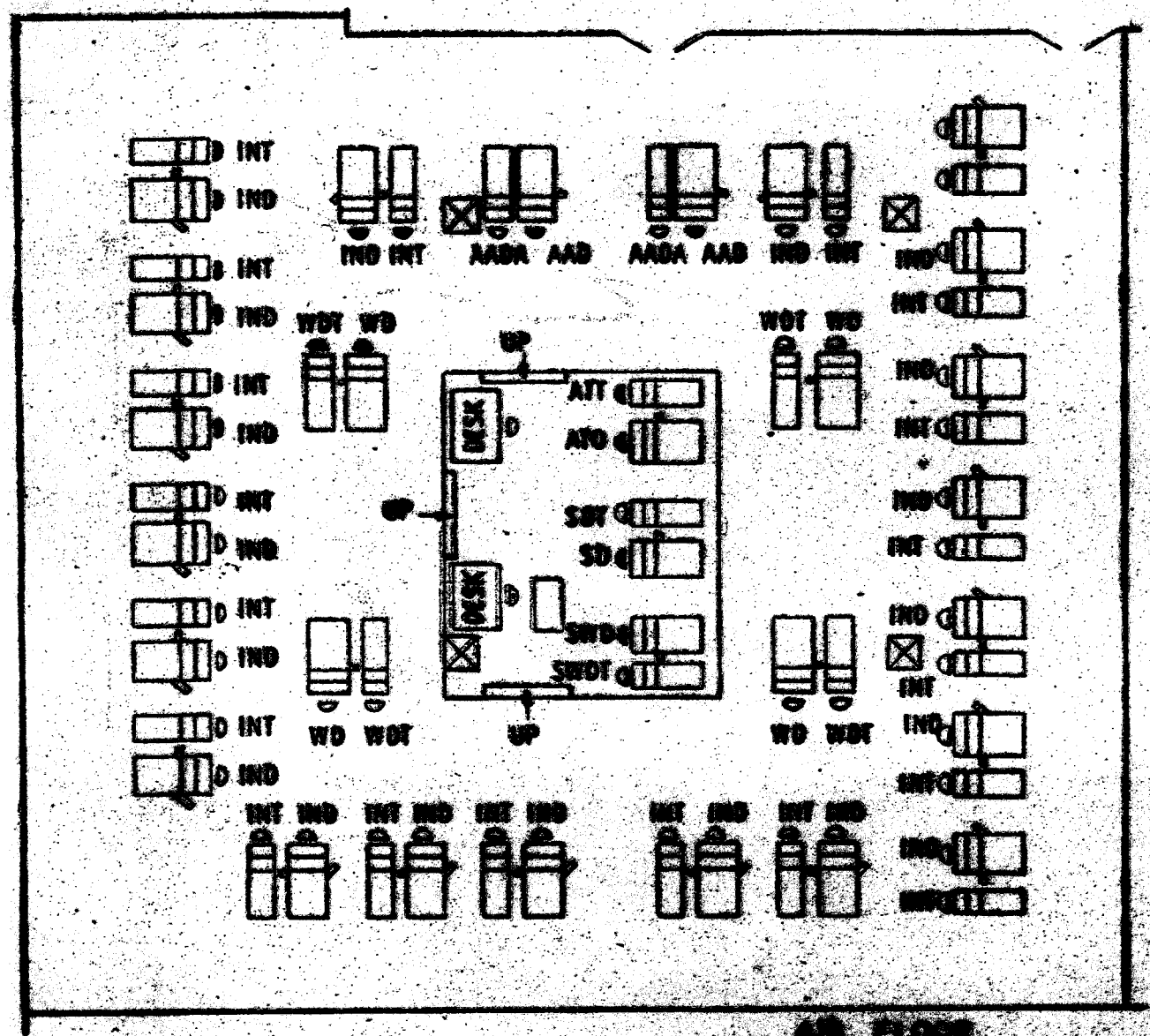

●	OCCUPIED CONTINUOUSLY
◐	OCCUPIED DURING BATTLE CONDITIONS
▶	WING UNIT
SD	SENIOR DIRECTOR
SDT	SENIOR DIRECTOR'S TECHNICIAN
SWD	SENIOR WEAPONS DIRECTOR
SWDT	SENIOR WEAPONS DIRECTOR'S TECHNICIAN
AFO	AIR TACTICS OFFICER
AIT	AIR TACTICS TECHNICIAN
AAB	ANTIAIRCRAFT DIRECTOR
AADA	ANTIAIRCRAFT DIRECTOR'S [redacted]
WD	WEAPONS DIRECTOR
WDT	WEAPONS DIRECTOR'S TECHNICIAN
IND	INTERCEPT DIRECTOR
INT	INTERCEPT TECHNICIAN

4th FLOOR
WEAPONS DIRECTION ROOM
McGUIRE DIRECTION CENTER

[redacted]

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B-76054

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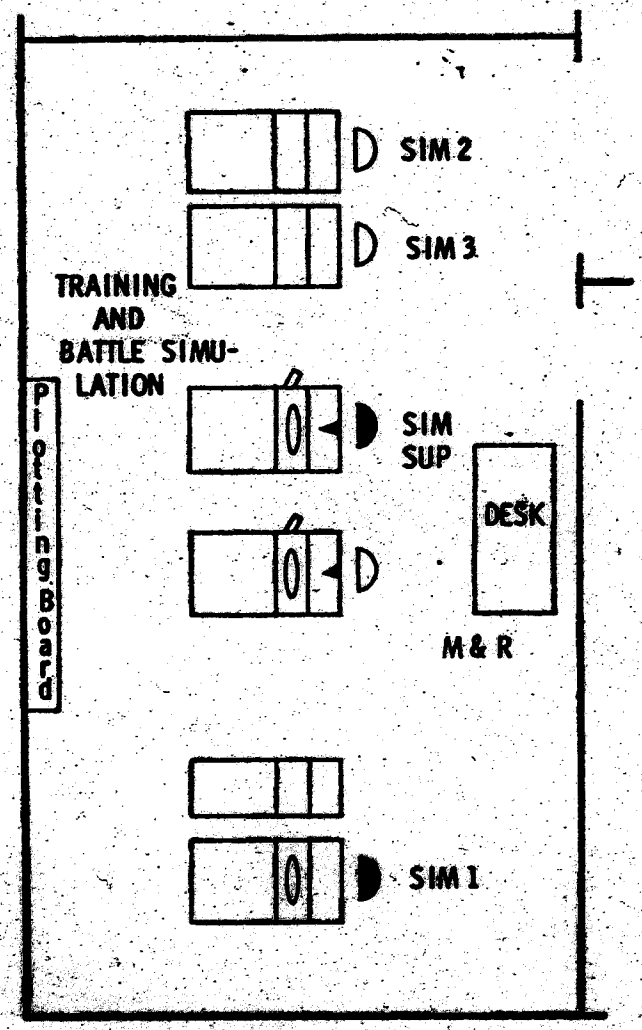
[redacted]



DESIGNATIONS

SIM SIMULATOR
SIM SIMULATION
SUP SUPERVISOR

4TH FLOOR
TRAINING & BATTLE SIMULATION ROOM
McGUIRE DIRECTION CENTER

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[redacted]

B-76056

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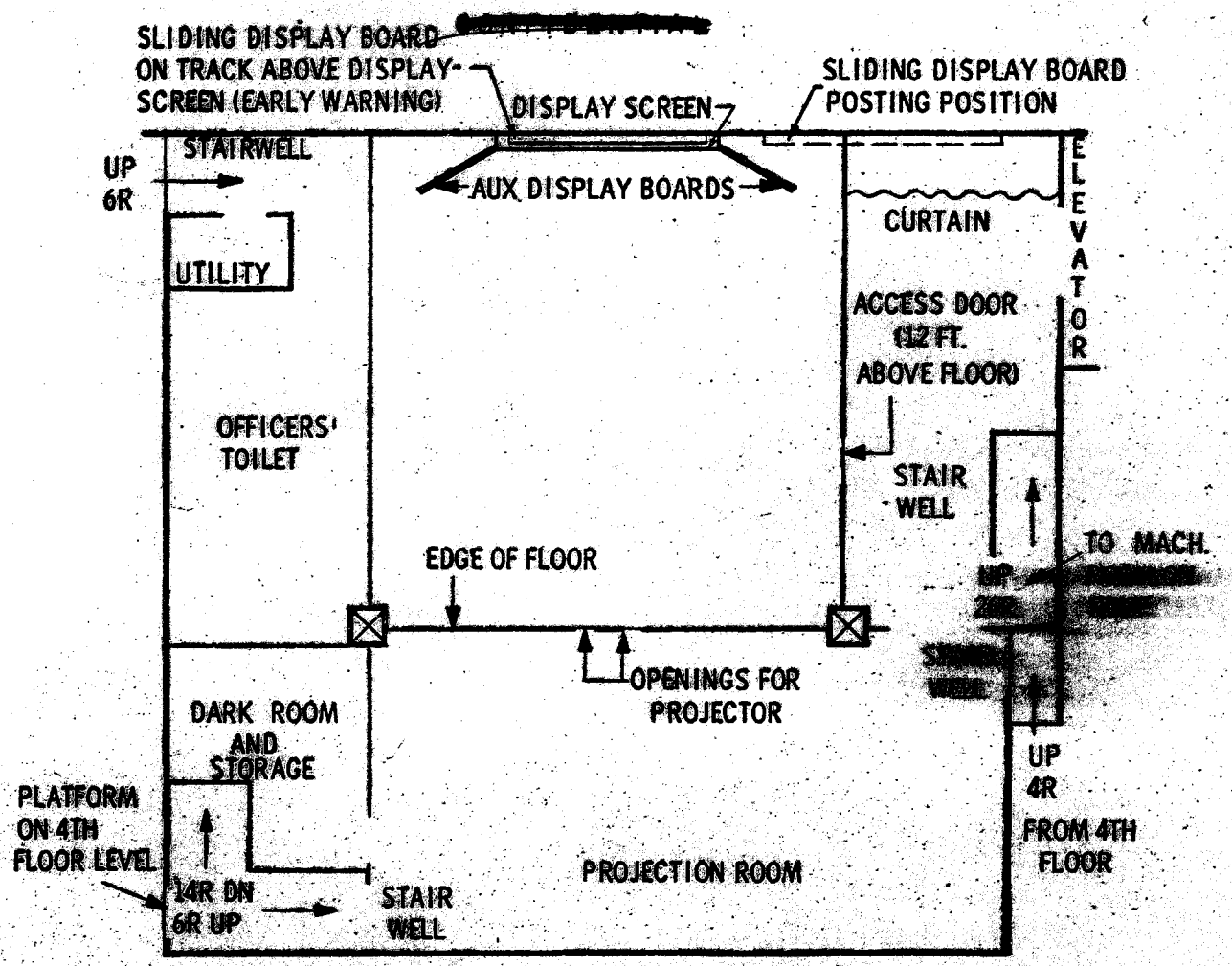

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PROJECTION LEVEL
SUBSECTOR COMMAND POST
McGUIRE DIRECTION CENTER

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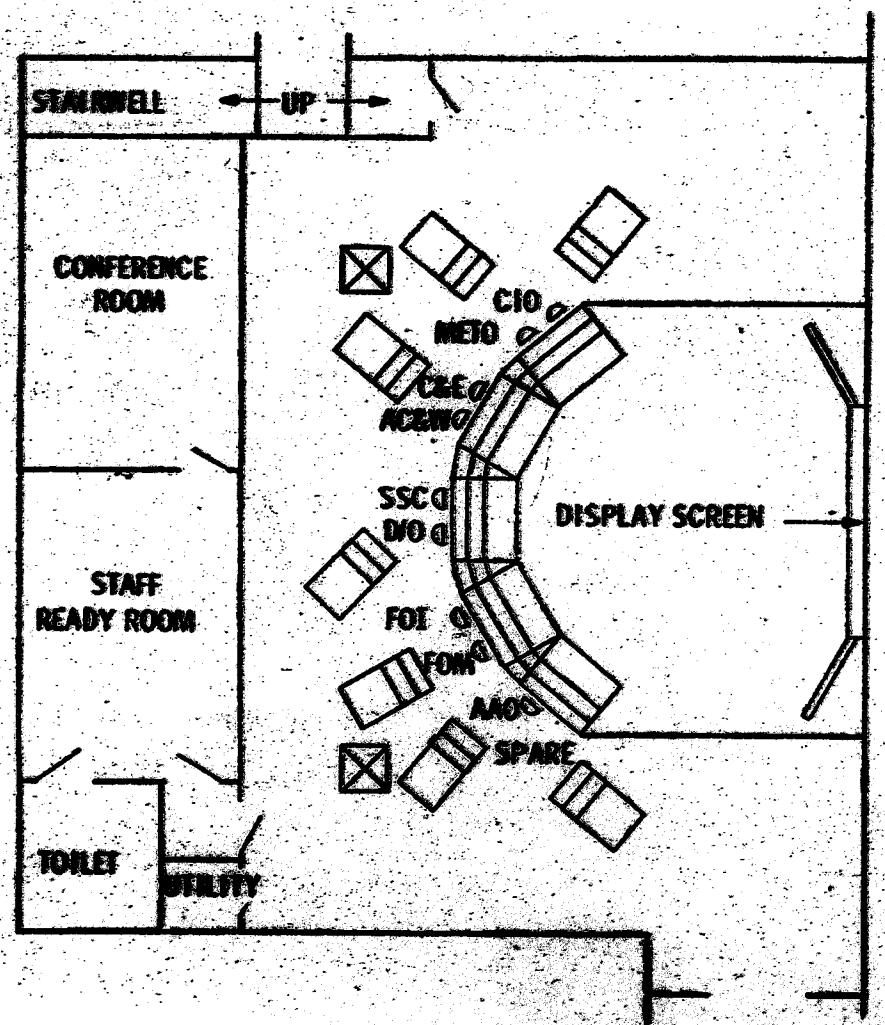

◐	OCCUPIED DURING BATTLE CONDITIONS
CIO	COMBAT INTELLIGENCE OFFICER
METO	METEOROLOGICAL OFFICER
C&E	COMMUNICATION AND ELECTRONICS OFFICER
ACW	AIRCRAFT CONTROL AND WARNING OFFICER
SSC	SUBSECTOR COMMANDER
DIO	DIRECTOR OF OPERATIONS
FOI	FIGHTER OFFICER FOR INTERCEPTORS
FOM	FIGHTER OFFICER FOR MISSILES
AAO	ANTIAIRCRAFT OFFICER

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COMMAND LEVEL
SUBSECTOR COMMAND POST
McGUIRE DIRECTION CENTER

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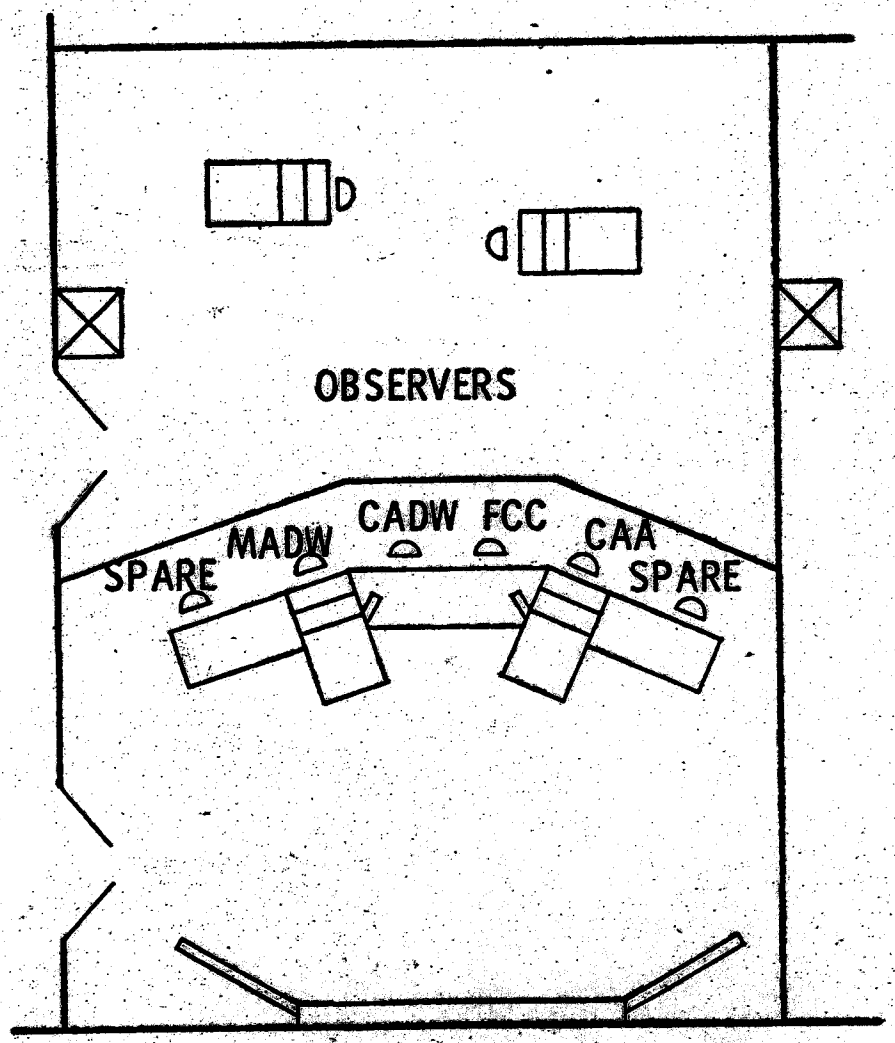

◐	OCCUPIED DURING BATTLE CONDITIONS
CAA	CIVIL AERONAUTICS AUTHORITY
MADW	MILITARY AIR DEFENSE WARNING
CADW	CIVILIAN AIR DEFENSE WARNING
FCC	FEDERAL COMMUNICATIONS COMMISION

LIAISON & OBSERVER LEVEL
SUBSECTOR COMMAND POST
McGUIRE DIRECTION CENTER

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