

Memorandum

DATE: September 22, 2017
TO: Leila Batties
FROM: Emily Eig, Kim Daileader, Kendra Parzen
SUBJECT: Historic Use of Building 52 - DRAFT

This memo outlines known information about the historical use of Building 52 within the Children's National Medical Center portion of Walter Reed. Available materials indicate that Building 52 was originally in use as a ward building on all three levels, and that the use of the ground floor as storage was a much later development.

Summary of Findings

Building 52 was constructed in 1930 as part of a push to replace the large number of temporary frame ward buildings erected during the First World War. It completed a row of three identical buildings: Building 42 and Building 43 to the east were both constructed in 1928. Maps from the period immediately following the construction of Building 52 list it as a ward building, housing Wards 36, 37, and 38. Clips from two such maps are included in this memo.

Plans for alterations to the interior of the building from the 1960s indicate that there was one ward per floor. A 1965 alterations drawing indicates that Ward 37, the first floor, was a gastroenterology clinic.¹ A 1967



Figure 1: 1940s WRAMC Map (WRAMC 1909-2011 Flickr)

¹ These drawings employ the European system of floor numbering, where the ground floor corresponds to the first floor above grade, the first floor corresponds to the second floor above grade, and the second floor corresponds to the third floor above grade.

cove sheet indicates that Ward 38, the second floor, was an artificial dialysis and intensive care unit. The dedicated use of Ward 36, the ground floor, at that time is not known; however, it is indicated on a 1966 drawing for alterations to latrines to also have been a ward. All referenced drawings are attached at the end of this memo.

The conversion of the ground floor to storage space is believed to have taken place circa 2003.

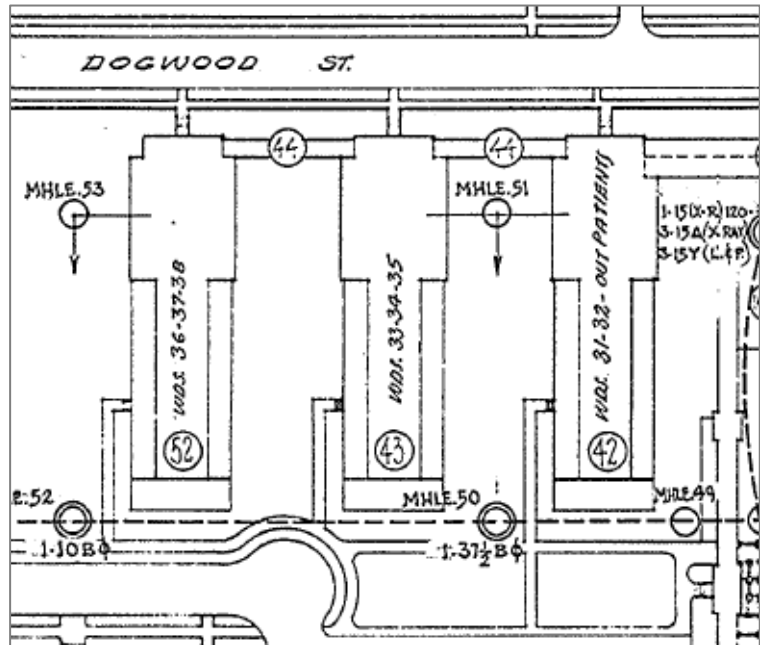
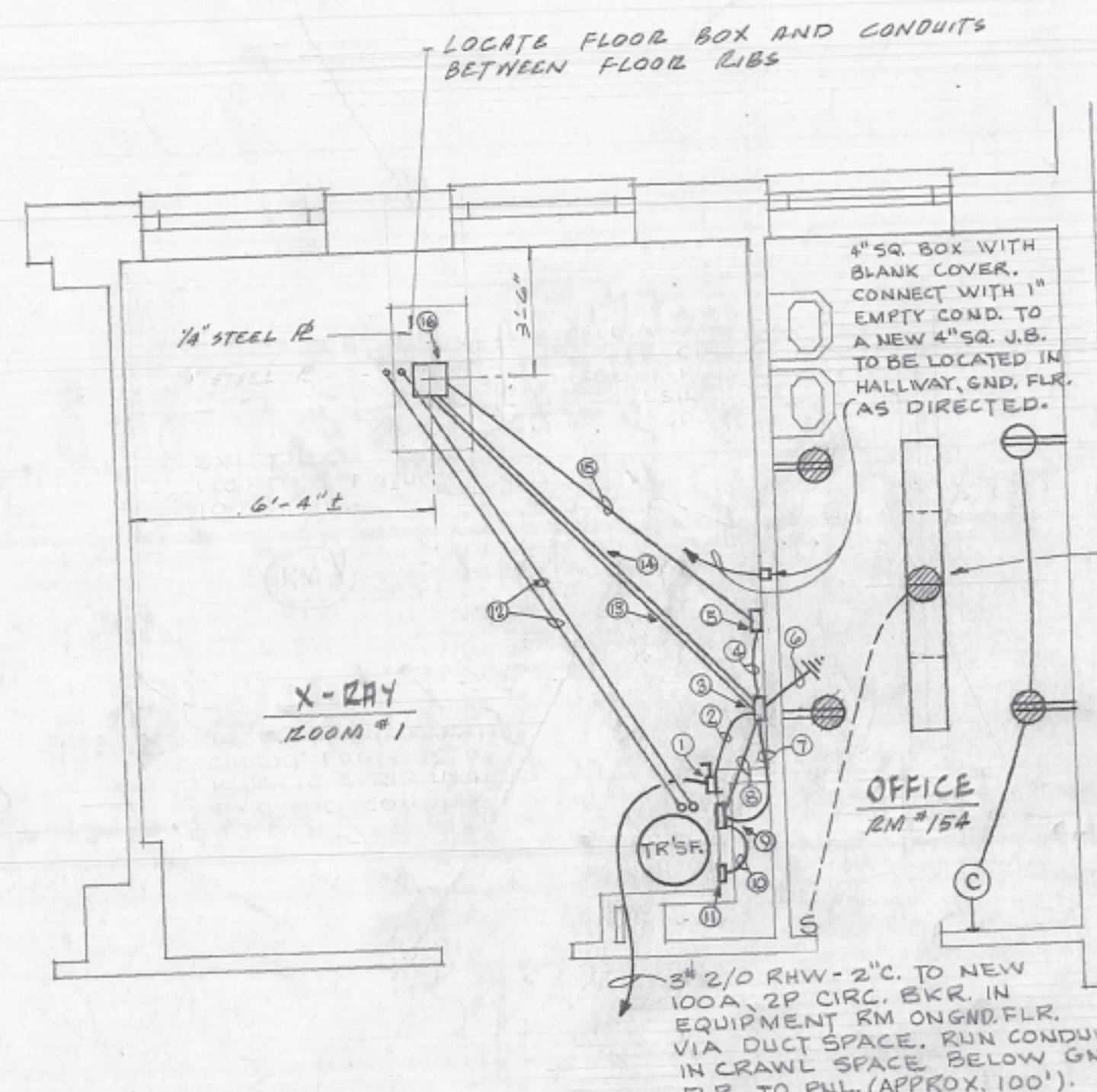
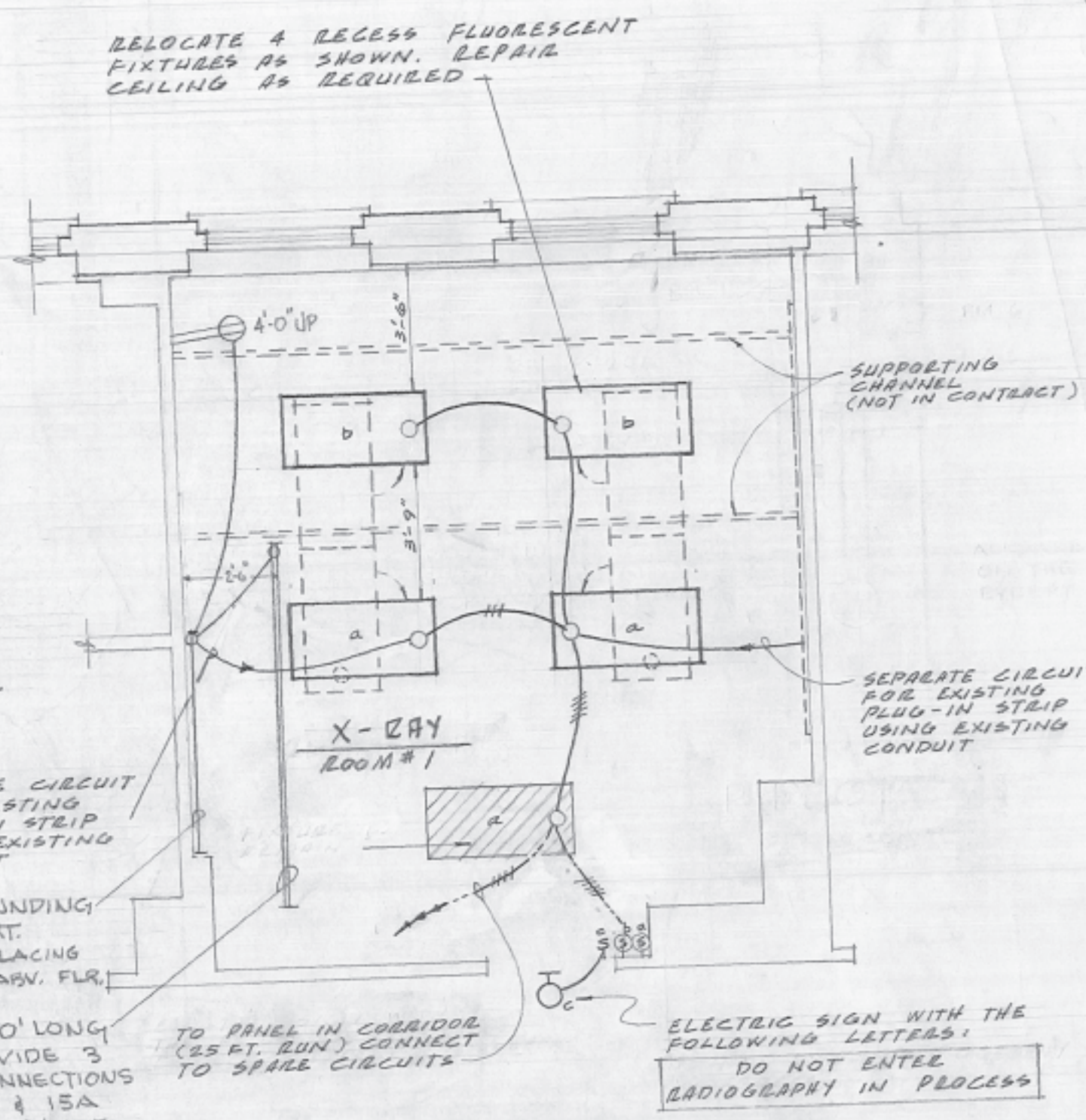


Figure 2: 1947 MS M-18 Electrical Map (Courtesy Hines Urban Atlantic)



ELECTRICAL PLAN "A"
WARD 37, 1ST FL. BLDG 52
SCALE: 1/4" = 1'-0"

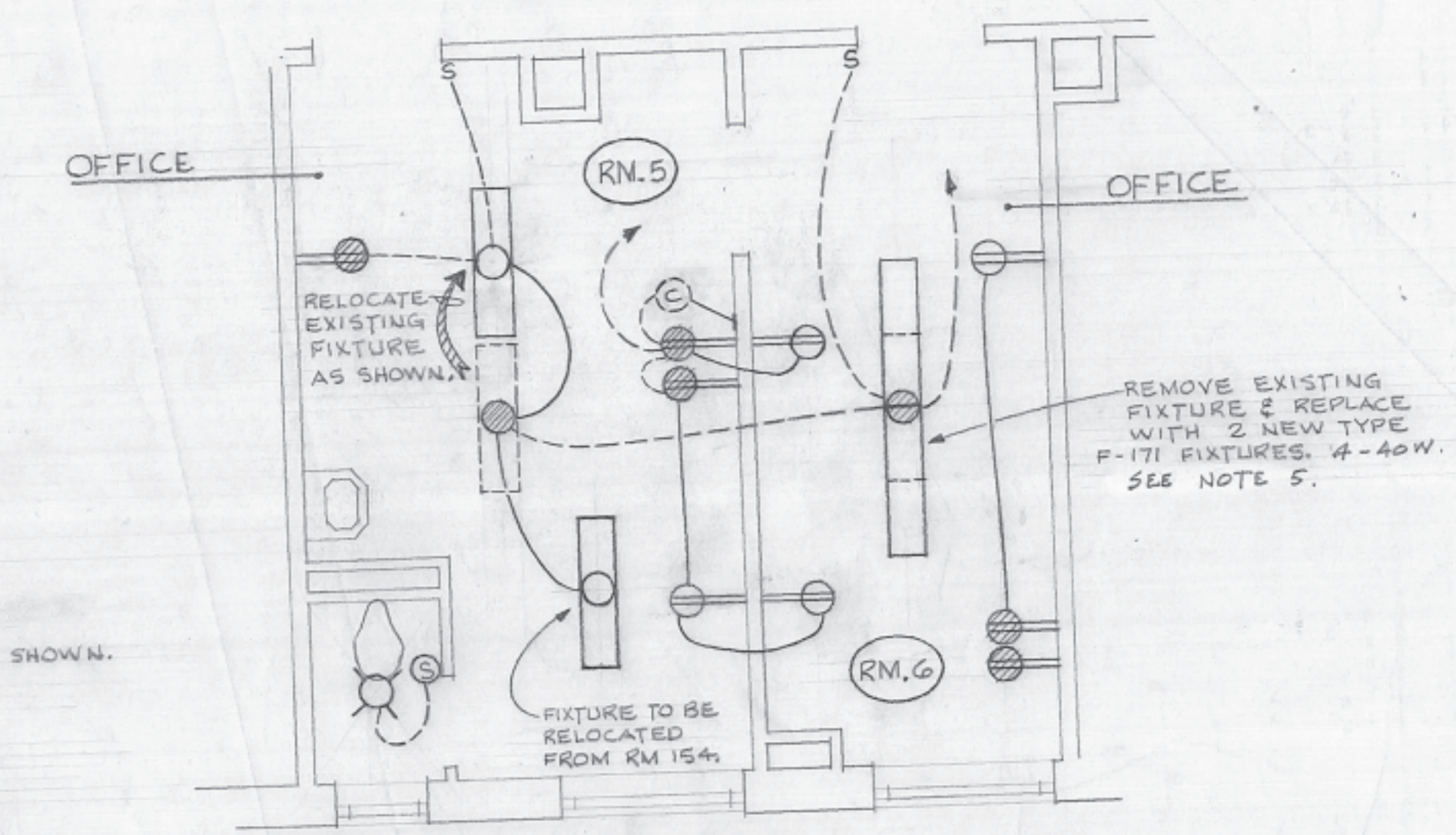


ELECTRICAL PLAN "B"
WARD 37, 1ST FL. BLDG 52
SCALE: 1/4" = 1'-0"

REPLACING EXISTING PUL. WITH NEW CIRC. BKR. PUL.
33 AWG. 120/208V. M.L.O. 20-1P-20A, 3-2P-20A, 10-1P-SPACE ONLY.
UTILIZE EXISTING CABINET FOR NEW PANEL. RECONNECT
EXISTING CIRCUITS.

EXISTING DISTRIBUTION
PANEL IN EQUIPMENT
RM. GROUND FLOOR.
INSTALL 1-2P-100CB
IN BLANK SPACE.

PLOT PLAN
SCALE: 1" = 50'



PARTIAL FIRST FLOOR PLAN
SCALE: 1/4" = 1'-0"

ELECTRICAL LAYOUT DESIGNATIONS - RM. N. 1 (X-RAY)

- 100A, 2P, 3/4" 250VOLT, FUSED SAFETY SWITCH, MOUNT 5' ABOVE FLR.
- 2#4 & 1#8 - 1 1/2" C. RUN CONCEALED BETWEEN SAFETY SWITCH & CONTROL BOARD J.B. SEE NOTE 2. AT J.B.
- CONTROL BOARD J.B. SHALL BE 12" x 12" x 4". MOUNT WITH 1/2" ABOVE FINISHED FLOOR.
- #8 & 12#14 - 1 1/2" C. RUN CONCEALED. SEE NOTE 2.
- CONTROL BOARD J.B. SHALL BE 8" x 8" x 4". MOUNT WITH 1/2" ABOVE FINISHED FLOOR.
- 1#8 - 1/2" C. RUN TO COLD WATER GROUND.
- 2#4 & 1#8 - 1 1/2" C. RUN CONCEALED. SEE NOTE 2.
- 24#14 - 1 1/2" C. RUN CONCEALED. SEE NOTE 2.
- TRANSFORMER J.B. SHALL BE 12" x 12" x 4". MOUNT WITH 1/2" ABOVE FINISHED FLOOR. INSTALL IN BOX PLATE.
- 2 GREEN FIELDS, ONE 1 1/2" & ONE 1", BOTH 4'-0" LONG, WITH STRAIGHT CONNECTORS.
- 3#12 - 3/4" C. SEE NOTE 2.
- J.B. SHALL BE 4" x 2" x 2". MOUNT WITH 1/2" ABOVE FINISHED FLOOR.
- 1/2" EMPTY CONDUIT TO BE FURNISHED WITH BUSHINGS AT EACH END & TERMINATED 1' ABOVE FINISHED FLOOR.
- 3#12 & 24#14 - 2" C. SEE NOTE #2.
- 1#RG62U - 3/4" C. SEE NOTE #2.
- 3#RG62U - 3/4" C. SEE NOTE #2.
- WATERPROOF FLOOR BOX SHALL BE 10" x 10" x 6" FURNISHED WITH SUITABLE COVER & MOUNTED FLUSH WITH FINISHED FLOOR.

SYMBOL SCHEDULE

- NEW FLUORESCENT CEILING FIXTURE, MOUNTED 8'-6" ABOVE FLOOR.
- EXISTING FLUORESCENT FIXTURE TO BE REMOVED. OUTLET REUSED AS SHOWN.
- EXISTING INCANDESCENT FIXTURE TO REMAIN.
- NEW DUPLEX RECEPTACLE, GROUNDING TYPE, MOUNTED 12" ABOVE FLOOR.
- EXISTING RECEPTACLE - TO REMAIN.
- NEW 20A. WALL SWITCH - REPLACING OLD SWITCH.
- EXISTING WALL SWITCH TO REMAIN.
- NEW CLOCK OUTLET.
- EXISTING CLOCK OUTLET TO REMAIN.
- NEW CONDUIT & WIRES.
- EXISTING CONDUIT & WIRES TO REMAIN.
- EXISTING CONDUIT WITH NEW WIRES.

GENERAL NOTES

- ALL CONDUITS FOR X-RAY EQUIPMENT SHALL BE ZINC COATED RIGID STEEL. CONDUITS FOR FLOOR INSTALLATION TO BE RUN IN CEILING BELOW.
- LEAVE WIRES WITH 6" SLACK AT BOX OPENING FOR X-RAY EQUIPMENT CONNECTIONS. EQUIPMENT CONNECTIONS ARE "NOT IN CONTRACT".
- RESTORE & PAINT DAMAGED AREAS CREATED BY ELECTRICAL INSTALLATION TO MATCH EXISTING SURFACES.
- UTILIZE EXISTING CONDUIT TO PULL IN NEW WIRES WHERE POSSIBLE.
- AFTER REMOVAL, UNUSED FLUORESCENT FIXTURE SHALL BE DELIVERED TO WAREHOUSE AT DIRECTION OF CONTRACTING OFFICER.
- NEW FLUORESCENT FIXTURES SHALL BE TYPE F-171 AS DETAILED ON DWG. NO. 40-06-04 - SH. 47. IN SPEC. WITH 4-40W. RAPID START LAMPS.
- PROVIDE AND INSTALL 1/4" STEEL PLATE 25" x 25" DIRECTLY ON CONCRETE FLOOR AS SHOWN. LOCATION OF PLATE TO BE APPROVED BEFORE INSTALLATION OF EQUIPMENT. PLATE TO BE SMOOTH FINISHED, PAINT PRIME COAT OF FED. SPEC. PAINT TT-P-86 TYPE 1 WITH ONE COAT OF TT-E-548 AND ONE COAT OF TT-E-548.
- EXISTING TILE FLOOR TO BE REMOVED AND REPLACED AS NECESSARY TO INSTALL EQUIPMENT. ANY DAMAGED TILE TO BE REPLACED AT CONTRACTOR'S EXPENSE.
- PANEL BOARD SHALL CONFORM TO FEDERAL SPECIFICATION WP131, CLASS "A", BOLTED TYPE CONSTRUCTION.

DESIGNED BY:	DGJ	DATE:	8 JAN 1965
DRAWN BY:	John Soler	DATE:	8 JAN 1965
DRAFTING CHK BY:	DGJ	DATE:	8 JAN 1965
ENGRG. CHK BY:	John B. Lamm	DATE:	8 JAN 1965
APPRO. BY P.E.:	John B. Lamm	DATE:	8 JAN 1965
<p>WALTER REED ARMY MEDICAL CENTER OFFICE OF THE CENTER ENGINEER WASHINGTON, D. C. 20012</p>			
<p>ALTERATIONS TO GASTROENTEROLOGY CLINIC WARD 37, BLDG 52</p>			
<p>ELECTRICAL</p>			
SCALE:	1/4" = 1'-0"	PROJECT NO.	PR. 33-65
SHEET	1 OF 1	FILE	33-65

SORT #65-C-0908