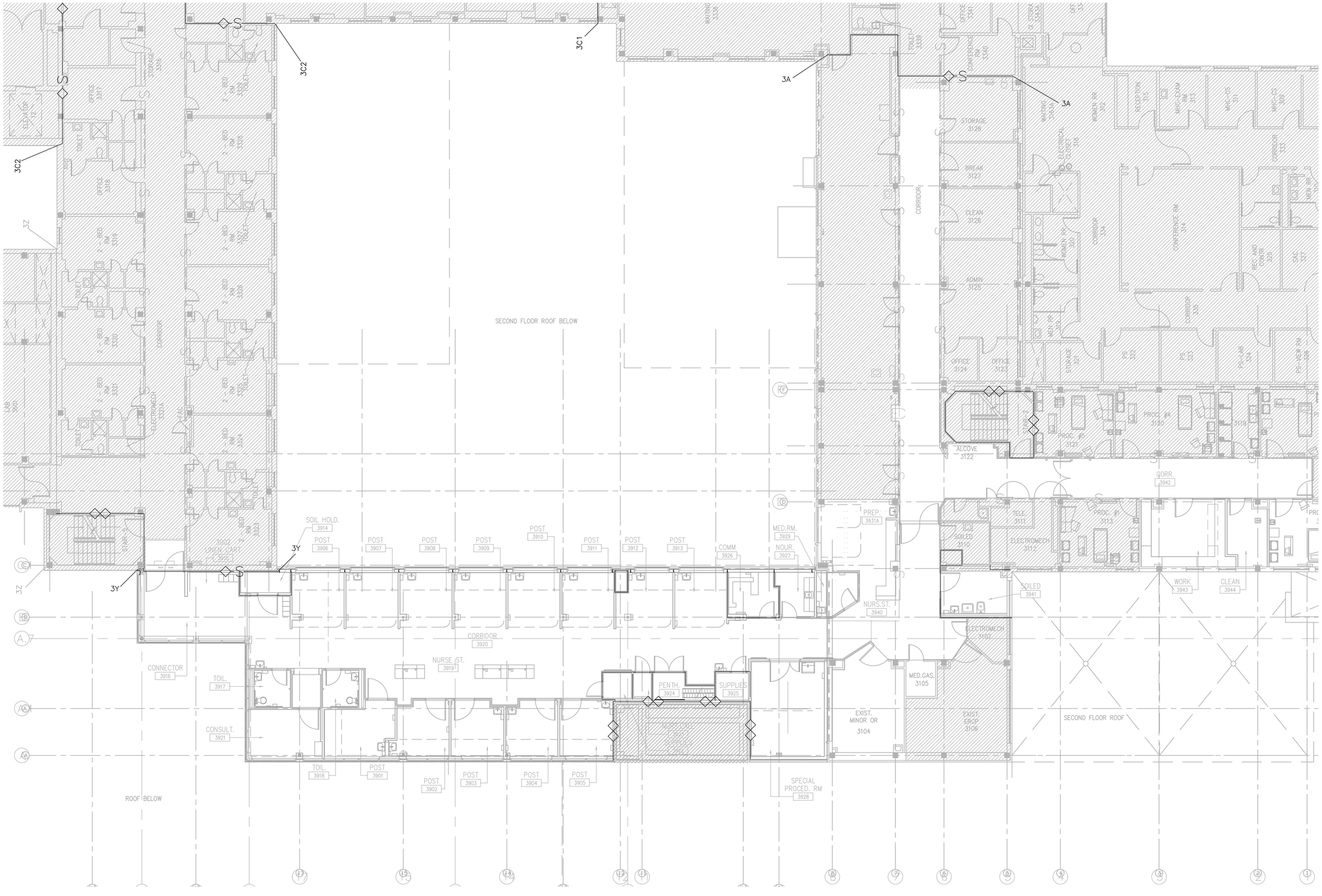

NORTH

DEDUCTIVE ALTERNATE #3 THIRD FLOOR PLAN
FIRE PROTECTION

0 2 4 6 8 16

SCALE: 1/8" = 1'-0"

FIRESTOP NOTES:

1. PROVIDE THROUGH-PENETRATION FIRESTOP SYSTEMS FOR PIPING PENETRATIONS THROUGH THE FOLLOWING FIRE-RESISTANCE-RATED ASSEMBLIES:

A. FLOORS
B. ROOFS
C. WALLS AND PARTITIONS
D. SMOKE BARRIERS
E. CONSTRUCTION ENCLOSING COMPARTMENTALIZED AREAS

2. FIRESTOP SYSTEMS PROVIDED SHALL RESIST SPREAD OF FIRE, RESIST PASSAGE OF SMOKE AND OTHER GASES. PROVIDE U.L. CLASSIFIED THROUGH-PENETRATION FIRESTOP SYSTEM FOR EACH PENETRATION IN ACCORDANCE WITH MANUFACTURER'S GUIDELINES.

SPRINKLER NOTES:

1. REWORK EXISTING SPRINKLER SYSTEM PIPING AND PROVIDE NEW SPRINKLERS IN ALL AREAS IN ACCORDANCE WITH THE CITY OF BIRMINGHAM, NFPA 13 AND SPECIFICATION SECTION 211313 REQUIREMENTS.

2. PROVIDE UPRIGHT SPRINKLERS IN UNFINISHED AREAS WITHOUT CEILINGS AND CHROME RECESSED PENDENT TYPE SPRINKLERS IN ALL OTHER AREAS WITH CEILINGS.

3. ALL SPRINKLERS WITHIN CONTRACT LIMITS SHALL BE QUICK RESPONSE TYPE. REPLACE EXISTING STANDARD RESPONSE SPRINKLERS WITHIN CONTRACT LIMITS WITH NEW QUICK RESPONSE TYPE SPRINKLERS. DO NOT MIX STANDARD RESPONSE AND QUICK RESPONSE SPRINKLERS WITHIN THE SAME COMPARTMENT.

4. STRUCTURAL DRAWINGS INDICATE AN OVERALL SEISMIC DESIGN CATEGORY "C". PROVIDE SEISMIC BRACING OF SPRINKLER PIPING IN ACCORDANCE WITH NFPA 13 REQUIREMENTS.

5. SPRINKLERS IN FINISHED GYPSUM BOARD CEILINGS SHALL BE SYMMETRICALLY ALIGNED WITH LIGHTS AND OTHER CEILING FEATURES.

6. SPRINKLERS IN GRIDDED ACOUSTICAL CEILINGS SHALL BE CENTERED BOTH WAYS IN CEILING TILES.

7. FURNISH NEW PIPE/FITTINGS AS NEEDED FOR COMPLETE SYSTEM COVERAGE IN ALL AREAS.

8. FIRE STOP AND SEAL ALL PENETRATIONS IN WALLS IN ACCORDANCE WITH SPECIFICATION SECTION FIRE STOP NOTES THIS SHEET.

9. CONTRACTOR SHALL MAKE ARRANGEMENTS AND ADD TEMPORARY VALVES AS NEEDED TO MINIMIZE THE TIME SPRINKLERS OUTSIDE THE RENOVATION AREAS ARE SHUT DOWN.

10. DO NOT INSTALL PIPING DIRECTLY OVER PANELS OR TRANSFORMERS IN ELECTRICAL OR SWITCHGEAR ROOMS.

11. FILE STORAGE AREAS WITH MOBILE SHELVING OR "SPACE SAVER" RACKS LESS THAN 18" BENEATH SPRINKLER DEFLECTORS PROVIDE .20 GPM PER SQ. FT. FOR THE ENTIRE AREA UP TO 1500 SQ. FT. AREA OF SPRINKLER OPERATION. ARRANGE SPRINKLERS TO PROVIDE COVERAGE OVER AISLEWAYS WHEREVER IT IS POSSIBLE FOR AISLEWAYS TO EXIST. PROVIDE 6" DEEP X 9" WIDE 18 GAUGE METAL BAFFLES BETWEEN SPRINKLERS LESS THAN 6'-0" APART.

12. ALL MATERIALS, WORKMANSHIP AND TESTING SHALL MEET THE REQUIREMENTS OF APPLICABLE STATE/LOCAL CODES AND THE REQUIREMENTS OF NFPA 13.

13. REFER TO ARCHITECTURAL AND MEP DRAWINGS FOR DETAILS REGARDING PHASING, CEILING, LIGHTING, AND EQUIPMENT LAYOUTS WITHIN PROJECT LIMITS.

CONSTRUCTION DOCUMENTS - 100% FINALS FULLY SPRINKLERED

Revisions	Date

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			Building Number: 0000000000
Approved Project Director: James Zellander	Location: VAMC - Birmingham, Alabama		Drawing Number: FP301A
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Office of Construction and Facilities Management
Department of Veterans Affairs

VA FORM 08-6231

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