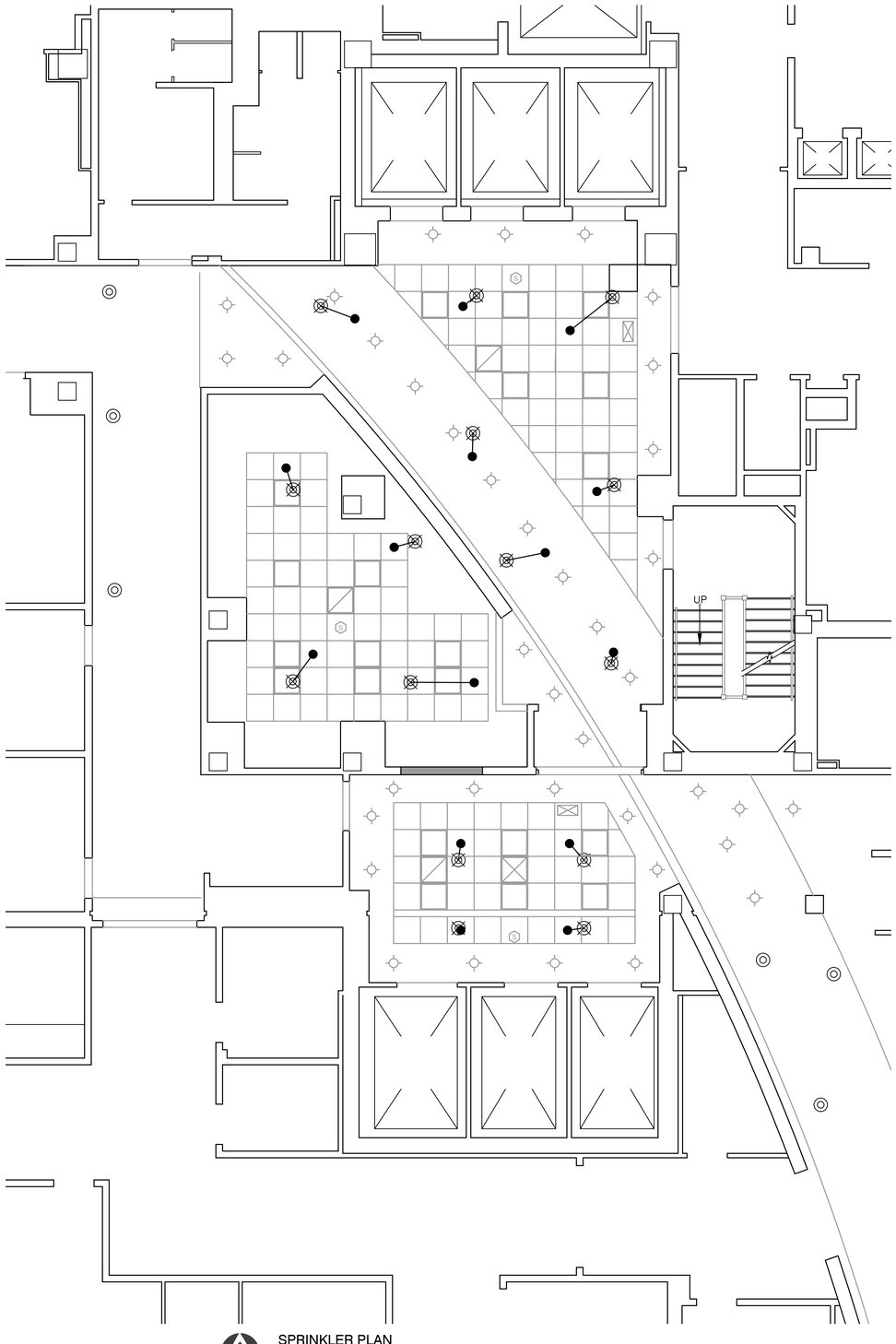


SPRINKLER PLAN
SCALE: 1/4" = 1'-0"

SPRINKLER LEGEND

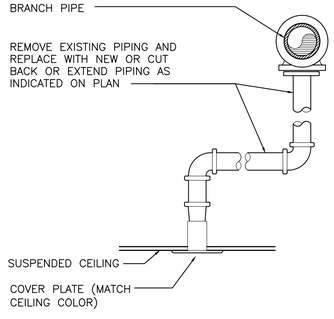
◎	EXISTING RECESSED TYPE SPRINKLER
⊗	REMOVE EXISTING SPRINKLER
●	RECESSED SPRINKLER QUICK RESPONSE TYPE
——	NEW SPRINKLER PIPING

ABBREVIATIONS

A.F.F.	RETURN GRILL
℄	CENTERLINE
FT/SEC	FEET PER SECOND
DN	DOWN
DWG	DRAWING
E OR EXIST	EXISTING
GPM	GALLONS PER MINUTE
MIN	MINIMUM
SP	SPRINKLER
S.F.	SQUARE FEET
TYP	TYPICAL
W/	WITH

AUTOMATIC SPRINKLER DEMOLITION NOTES

1. PIPING TO BE REMOVED SHALL BE PLUGGED OR CAPPED SO THAT UPON COMPLETION OF NEW WORK, ABANDONED PIPING WILL BE CONCEALED BEHIND FINISHES SURFACES
2. NO DEAD ENDS SHALL BE LEFT ON PIPING.
3. THE EXISTING SYSTEM SHALL BE LEFT IN PERFECT WORKING ORDER AT COMPLETION OF NEW WORK
4. NO REMOVED EXISTING PIPING OR SPRINKLER LINE SHALL BE REUSED



NOTE:
ADJUST SPRINKLER PIPING AS NECESSARY TO CLEAR OBSTRUCTIONS SUCH AS THE CEILING "T" BAS SUSPENSION SYSTEM, LIGHT FIXTURES, ETC. PROVIDE A PIPE HANGER IF THE HORIZONTAL OFFSET LENGTH EXCEEDS 24 INCHES

1 TYPICAL SPRINKLER DETAIL
NOT TO SCALE

SPRINKLER GENERAL NOTES

1. SPRINKLER CONTRACTOR SHALL PROVIDE COMPLETE SPRINKLER COVERAGE AND DETERMINE THE HAZARD CLASSIFICATION IN ALL AREAS UNDER THIS CONTRACT. CONTRACTOR SHALL LOCATE SPRINKLER HEADS AND SIZE PIPING IN ACCORDANCE WITH THE LATEST EDITION OF NFPA 13, AND AUTHORITY HAVING JURISDICTION.
2. CONTRACTOR SHALL HYDRAULICALLY DESIGN AND INSTALL THE SPRINKLERS SYSTEM IN ACCORDANCE WITH THE LATEST EDITION OF NFPA 23, SPRINKLERS SHALL BE INSTALLED IN ACCORDANCE WITH THE REQUIREMENTS OF NFPA 13, AND THE AUTHORITY HAVING JURISDICTION.
3. CONTRACTOR SHALL PROVIDE AN INDEPENDENT FLOW TEST AS REQUIRED TO CONFIRM FLOW AND PRESSURE AVAILABILITY.
4. CONTRACT DRAWINGS FOR SPRINKLER WORK ARE DIAGRAMMATIC, INTENDED TO CONVEY SCOPE AND GENERAL ARRANGEMENT, CONTRACTOR SHOULD VISIT SITE TO DETERMINE EXACT QUANTITIES AND SCOPE OF WORK.
5. PRIOR TO THE INSTALLATION OF THE SPRINKLER SYSTEM, THE SPRINKLER CONTRACTOR SHALL COORDINATE PIPING, VALVES, SPRINKLER HEADS, ECT. WITH ALL NEW AND EXISTING DUCTWORK, PIPING, CABLE TRAYS, STRUCTURAL MEMBERS AND OTHER DISCIPLINES.
6. ALL PENETRATIONS IN EXISTING OR NEW FIRE RATED WALLS, CEILING AND FLOORS SHALL BE SEALED TO THE FULL THICKNESS OF THE PENETRATION WITH A MATERIAL OF EQUAL FIRE RESISTANCE.
7. ALL CUTTING, DRILLING AND PATCHING OF WALLS, FLOORS OR STRUCTURAL MEMBER FOR THE INSTALLATION OF THE SPRINKLER SYSTEM SHALL BE PROVIDED BY THE SPRINKLER CONTRACTOR. STRUCTURAL COMPONENTS SHALL NOT BE CUT, DRILLED OR MODIFIED IN ANY WAY WITHOUT THE STRUCTURAL ENGINEER'S REVIEW AND APPROVAL.
8. ALL CEILINGS. WALLS, FLOORS AND FINISHED DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED AND PAINTED TO MATCH EXISTING CONDITIONS.
9. ACTUAL LOCATION OF EXISTING CEILING MOUNTED LIGHTS, RETURN AND SUPPLY DUCTS, AIR GRILLES AND DIFFUSERS, SPRINKLER HEADS PIPING AND STRUCTURAL SUPPORTS SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR.
10. ALL SPRINKLER PIPING INSTALLED IN FINISHED AREAS SHALL BE CONCEALED.
11. SHOULD THE CONTRACTOR DISCOVER ANY DISCREPANCIES OR OMISSIONS ON THE DRAWINGS OR IN THE SPECIFICATIONS, HE SHALL NOTIFY THE ENGINEER OF SUCH CONDITIONS PRIOR TO THE BID DATE OTHERWISE, IT WILL BE UNDERSTOOD THAT THE DRAWINGS AND SPECIFICATIONS ARE CLEAR AS TO WHAT IS INTENDED AND SHALL BE AS INTERPRETED BY THE ENGINEER.
12. EXISTING SYSTEMS SHALL REMAIN IN SERVICE UNTIL NEW WORK IS TESTED AND ACCEPTED. INTERRUPTION OF PROTECTION FOR THE PURPOSE OF MAKING TAPS OF EXISTING PIPING OR MAKING INTERCONNECTIONS BETWEEN NEW AND EXISTING WORK SHALL BE COORDINATED IN ADVANCE WITH THE VA COTR.
13. CONTRACTOR SHALL MAKE MODIFICATIONS TO EXISTING SPRINKLER SYSTEM AS REQUIRED. TO PROVIDE COVERAGE FOR THE NEW ARCHITECTURAL ARRANGEMENT (INCLUDING ALL OBSTRUCTIONS, SUCH AS LIGHTING FIXTURES, ETC.) IN ACCORDANCE WITH THE LATEST EDITION OF NFPA 13, AND VA FIRE SAFETY OFFICER. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO COMMENCING WORK. NEW SPRINKLER HEADS, WHERE NECESSARY, SHALL BE PROVIDED TO MATCH EXISTING STYLE. CONTRACTOR SHALL CENTER SPRINKLER HEADS IN CEILING TILES. RELOCATE EXISTING BRANCH SPRINKLER PIPING AS REQUIRED TO ACCOMMODATE DIFFUSER AND LIGHTING FIXTURE LAYOUTS.
14. SPRINKLER CONTRACTOR SHALL CENTER SPRINKLERS IN CEILING TILES.
15. THE SPRINKLER SYSTEM SHALL REMAIN IN SERVICE AS LONG AS POSSIBLE DURING DEMOLITION ON THE FLOOR. WHEN THE SYSTEM IS TAKEN OUT OF SERVICE, THE OCCUPIED PORTION OF THE FLOOR SHALL REMAIN IN SERVICE. THE UNOCCUPIED PORTION SHALL HAVE A FIRE WATCH WHENEVER THE BUILDING IS OCCUPIED. THE FIRE WATCH INSTRUCTION CAN BE OBTAINED FROM THE VA FIRE SAFETY OFFICE.
16. SPRINKLER LAYOUT SHALL BE FULLY COORDINATED WITH ALL CASEWORK, CABINETS AND SHELVING INDICATED ON THE ARCHITECTURAL DRAWINGS TO PROVIDE APPROPRIATE SPRINKLER COVERAGE IN ACCORDANCE WITH NFPA REQUIREMENTS AND THE LOCAL AUTHORITY HAVING JURISDICTION. NOTE THAT SOME CABINETS, CASEWORK AND SHELVING ARE LOCATED WITHIN 18" OF THE CEILING.
17. THOUGH SOME PIPING OFFSETS ARE INDICATED, IT IS NOT THE INTENT OF THE DRAWINGS TO SHOW ALL OFFSETS THAT ARE REQUIRED. THE CONTRACTOR SHALL FULLY COORDINATE THE FIRE PROTECTION AND SPRINKLER WORK WITH THE WORK OF ALL OTHER TRADES TO PROVIDE COMPLETE SYSTEM WITHOUT INTERFERENCES.

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100% SUBMISSION

Revisions	Date

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Approved:
Approved:

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Building Number: 01
Checked: TK
Drawn: CW
Location: WILMINGTON, DE

Date: 31 MARCH 2011
Project No.: 460-10-010
Drawing No.: FP-101
Dwg. 14 of 14

WILMINGTON VAMC
Department of Veterans Affairs

VA FORM 08-6231, OCT 1978

three inches = one foot
one and one-half inches = one foot
one inch = one foot
three-quarters inch = one foot
one-half inch = one foot
three-eighths inch = one foot
one-quarter inch = one foot
one-eighth inch = one foot
P:\20 VAMC\21 WILMINGTON AE 09\21-10-07 RENOVATE 1ST FL CLINIC ADD ELEV\100% SUBMISSION -FINAL\100% FINAL PWC\010-14-FP-101 SPRINKLER 7/18/2011 1:05 PM CHRISTINE WILSON