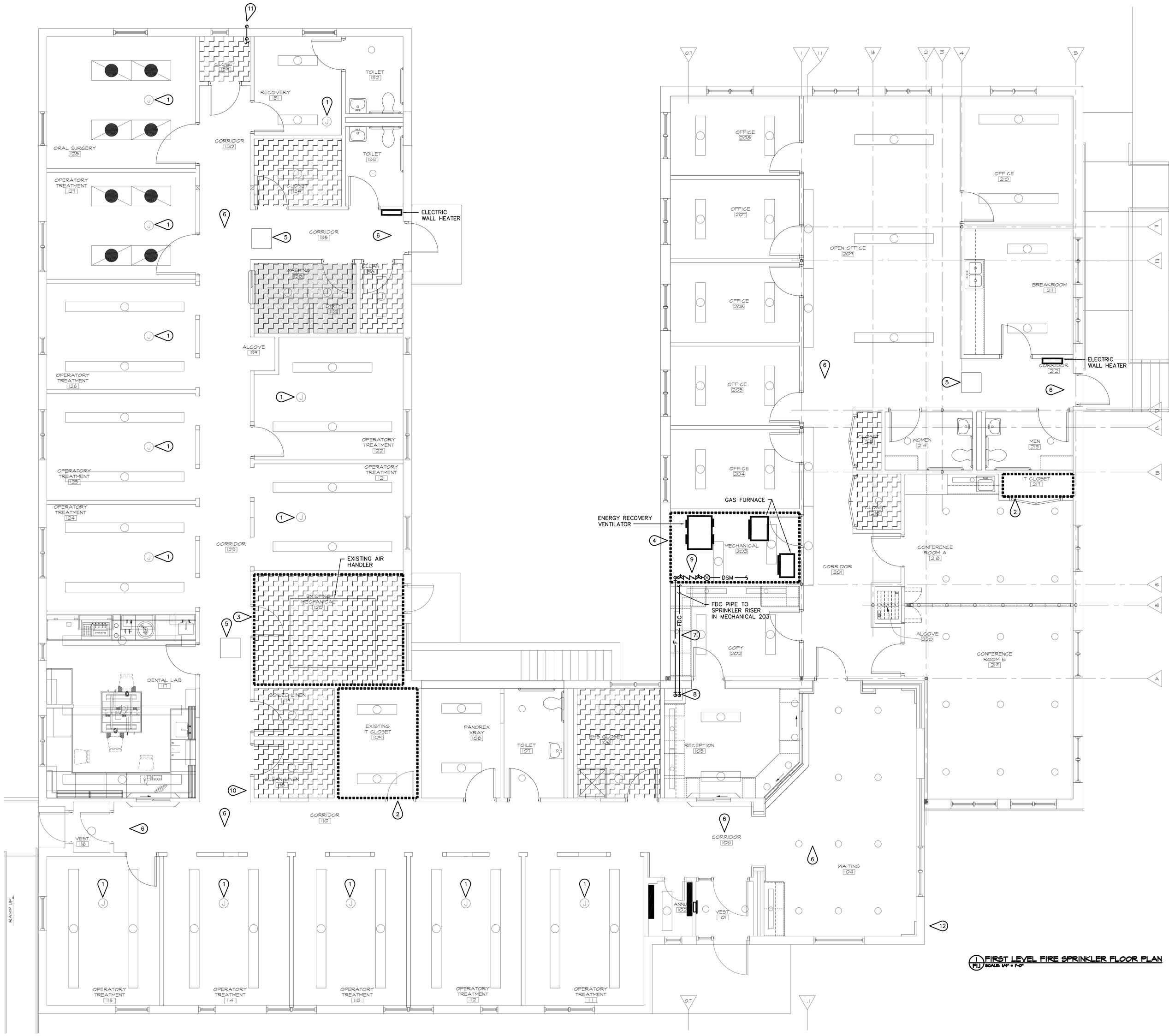

1 FIRST LEVEL FIRE SPRINKLER FLOOR PLAN
PH1 SCALE: 1/8" = 1'-0"

MECHANICAL KEYNOTES: (◇)

1. CEILING MOUNTED DENTAL LIGHT AND DRILL EQUIPMENT WITH MOVABLE ARMS POSE AN OBSTRUCTION TO SPRINKLER FLOW. PROVIDE EXTRA SPRINKLERS, AS NECESSARY TO PROTECT ROOM. SEE ARCHITECTURAL PLANS FOR CEILING MOUNTED EQUIPMENT LAYOUT. INSTALL SPRINKLERS IN A FASHION THAT WILL NOT INTERFERE WITH PROPER OPERATION OF EQUIPMENT.
2. PROVIDE INTERMEDIATE TEMPERATURE (225°F) SPRINKLERS IN THIS ROOM.
3. EXISTING MECHANICAL ROOM. FIELD VERIFY EXISTING CONDITIONS AND INSTALL EXTRA SPRINKLERS, AS NECESSARY, UNDER ANY DUCTWORK LARGER THAN 4' IN WIDTH.
4. NEW MECHANICAL ROOM. SPRINKLER DESIGN FOR THIS ROOM SHALL BE FOR ORDINARY HAZARD GROUP 1 WITH A DESIGN DENSITY OF 0.20 GPM PER SQUARE FOOT OVER EXTENT OF ROOM. HATCHING OMITTED FOR CLARITY. SOME HVAC EQUIPMENT MAY BE CEILING MOUNTED. COORDINATE WITH HVAC PLAN AND PROVIDE EXTRA SPRINKLERS, AS NECESSARY, UNDER ANY SUSPENDED EQUIPMENT OR DUCTWORK GREATER THAN 4' IN WIDTH. DO NOT INSTALL PIPING IN CLEARANCE SPACE FOR ANY EQUIPMENT.
5. ATTIC ACCESS PORT. DO NOT INSTALL SPRINKLERS WITHIN 3' OF OPENING TO PERMIT EASY ACCESS INTO ATTIC. INSTALL PROTECTIVE WIRE GUARD ON ANY SPRINKLER LOCATED WITHIN A 5' RADIUS OF OPENING.
6. EXIT SIGN HANGS BELOW CEILING AND MAY POSE AN OBSTRUCTION TO PROPER SPRINKLER SPRAY PATTERN. DO NOT INSTALL SPRINKLERS WITHIN 2'-0" OF EXIT SIGN.
7. ROUTE BOTH THE FIRE DEPARTMENT CONNECTION (FDC) AND THE WET SPRINKLER PIPING IN SOFFIT SPACE ABOVE CABINETS IN FILE ROOM. SLOPE FDC LINE TOWARDS MECHANICAL ROOM TO ALLOW FOR DRAINAGE. SEE ARCHITECTURAL PLANS FOR INTERIOR ELEVATION REVEALING SOFFIT.
8. FDC AND SPRINKLER PIPING DOWN PIPE CHASE TO BASEMENT. SEE SHEET F1.0 FOR CONTINUATION OF PIPING.
9. SPRINKLER SERVICE ENTRANCE WITH BACKFLOW PREVENTION DEVICE. SEE DRY-PIPE RISER DETAIL, DETAIL 1 ON SHEET F2.1, FOR RISER/FIRE ENTRANCE REQUIREMENTS.
10. REMOVE EXISTING FIRE HOSE CABINET, HOSE AND ALL PIPING BACK TO MAIN. CAP PIPE AT MAIN. FIELD VERIFY EXTENT OF WORK REQUIRED.
11. INSTALL INSPECTOR'S TEST PORT CONNECTION AT THIS LOCATION. SEE DETAIL 4 ON SHEET F2.1 FOR PIPING REQUIREMENTS.
12. INSTALL OUTSIDE BELL AT THIS LOCATION. SEE DETAIL 1 FOR BELL REQUIREMENTS.

Revisions:	Date

FARRIS ENGINEERING CONSULTING ENGINEERS
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1. ALL CONTRACTORS ARE RESPONSIBLE FOR REVIEWING ENTIRE SET OF DOCUMENTS TO DETERMINE THEIR FULL SCOPE OF WORK. CONTRACTOR SHALL NOT BE ALLOWED EXTRA COSTS DUE TO FAILURE TO REVIEW ENTIRE SET OF DOCUMENTS.
2. ANY USE OF THESE ELECTRONIC DRAWINGS OR SCALING OF THE PRINTED DOCUMENTS ARE DONE SO AT THE CONTRACTORS RISK.

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FIRST LEVEL FIRE SPRINKLER FLOOR PLAN

Construction Documents (100%) Submittal
Approved: _____ Date: _____
Approved: _____ Date: _____
Approved: _____ Date: _____

BUILDING SIX RENOVATION/ ADDITION

VAMC Omaha, NE

Date	Checked by	Drawn by
FEBRUARY 20, 2009		

Project Number: Phase 2 and 4 of 636-07-134
Building Number: SIX
Drawing Number: F1.1
Dwg. 23 of 37

CLH 2007-37

Office of Construction and Facilities Management
Department of Veterans Affairs

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