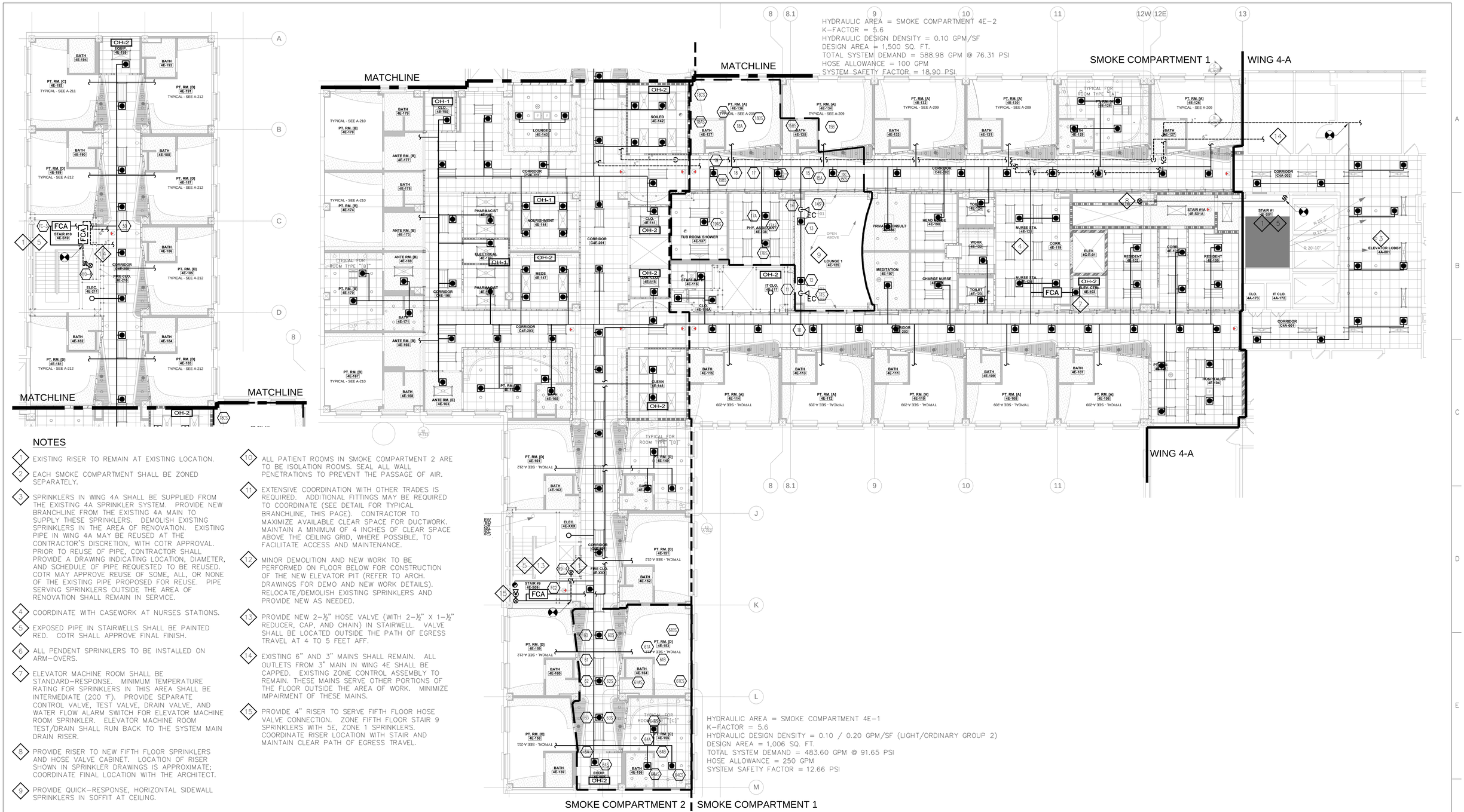


## NOTES

1. EXISTING RISER TO REMAIN AT EXISTING LOCATION.
2. EACH SMOKE COMPARTMENT SHALL BE ZONED SEPARATELY.
3. SPRINKLERS IN WING 4A SHALL BE SUPPLIED FROM THE EXISTING 4A SPRINKLER SYSTEM. PROVIDE NEW BRANCHLINE FROM THE EXISTING 4A MAIN TO SUPPLY THESE SPRINKLERS. DEMOLISH EXISTING SPRINKLERS IN THE AREA OF RENOVATION. EXISTING PIPE IN WING 4A MAY BE REUSED AT THE CONTRACTOR'S DISCRETION, WITH COTR APPROVAL. PRIOR TO REUSE OF PIPE, CONTRACTOR SHALL PROVIDE A DRAWING INDICATING LOCATION, DIAMETER, AND SCHEDULE OF PIPE REQUESTED TO BE REUSED. COTR MAY APPROVE REUSE OF SOME, ALL, OR NONE OF THE EXISTING PIPE PROPOSED FOR REUSE. PIPE SERVING SPRINKLERS OUTSIDE THE AREA OF RENOVATION SHALL REMAIN IN SERVICE.
4. COORDINATE WITH CASEWORK AT NURSES STATIONS.
5. EXPOSED PIPE IN STAIRWELLS SHALL BE PAINTED RED. COTR SHALL APPROVE FINAL FINISH.
6. ALL PENDENT SPRINKLERS TO BE INSTALLED ON ARM-OVERS.
7. ELEVATOR MACHINE ROOM SHALL BE STANDARD-RESPONSE. MINIMUM TEMPERATURE RATING FOR SPRINKLERS IN THIS AREA SHALL BE INTERMEDIATE (200 °F). PROVIDE SEPARATE CONTROL VALVE, TEST VALVE, DRAIN VALVE, AND WATER FLOW ALARM SWITCH FOR ELEVATOR MACHINE ROOM SPRINKLER. ELEVATOR MACHINE ROOM TEST/DRAIN SHALL RUN BACK TO THE SYSTEM MAIN DRAIN RISER.
8. PROVIDE RISER TO NEW FIFTH FLOOR SPRINKLERS AND HOSE VALVE CABINET. LOCATION OF RISER SHOWN IN SPRINKLER DRAWINGS IS APPROXIMATE; COORDINATE FINAL LOCATION WITH THE ARCHITECT.
9. PROVIDE QUICK-RESPONSE, HORIZONTAL SIDEWALL SPRINKLERS IN SOFFIT AT CEILING.
10. ALL PATIENT ROOMS IN SMOKE COMPARTMENT 2 ARE TO BE ISOLATION ROOMS. SEAL ALL WALL PENETRATIONS TO PREVENT THE PASSAGE OF AIR.
11. EXTENSIVE COORDINATION WITH OTHER TRADES IS REQUIRED. ADDITIONAL FITTINGS MAY BE REQUIRED TO COORDINATE (SEE DETAIL FOR TYPICAL BRANCHLINE, THIS PAGE). CONTRACTOR TO MAXIMIZE AVAILABLE CLEAR SPACE FOR DUCTWORK. MAINTAIN A MINIMUM OF 4 INCHES OF CLEAR SPACE ABOVE THE CEILING GRID, WHERE POSSIBLE, TO FACILITATE ACCESS AND MAINTENANCE.
12. MINOR DEMOLITION AND NEW WORK TO BE PERFORMED ON FLOOR BELOW FOR CONSTRUCTION OF THE NEW ELEVATOR PIT (REFER TO ARCH. DRAWINGS FOR DEMO AND NEW WORK DETAILS). RELOCATE/DEMOLISH EXISTING SPRINKLERS AND PROVIDE NEW AS NEEDED.
13. PROVIDE NEW 2-½" HOSE VALVE (WITH 2-½" X 1-½" REDUCER, CAP, AND CHAIN) IN STAIRWELL. VALVE SHALL BE LOCATED OUTSIDE THE PATH OF EGRESS TRAVEL AT 4 TO 5 FEET AFF.
14. EXISTING 6" AND 3" MAINS SHALL REMAIN. ALL OUTLETS FROM 3" MAIN IN WING 4E SHALL BE CAPPED. EXISTING ZONE CONTROL ASSEMBLY TO REMAIN. THESE MAINS SERVE OTHER PORTIONS OF THE FLOOR OUTSIDE THE AREA OF WORK. MINIMIZE IMPAIRMENT OF THESE MAINS.
15. PROVIDE 4" RISER TO SERVE FIFTH FLOOR HOSE VALVE CONNECTION. ZONE FIFTH FLOOR STAIR 9 SPRINKLERS WITH 5E, ZONE 1 SPRINKLERS. COORDINATE RISER LOCATION WITH STAIR AND MAINTAIN CLEAR PATH OF EGRESS TRAVEL.

1 / FP-102 FOURTH FLOOR SPRINKLER PLAN 1/8"=1'-0" 2 6 11 12

N

CAUTION: IF THIS PLAN IS A REDUCTION GRAPHIC SCALE MUST BE USED

0 2' 4' 8' 16' 24'
GRAPHIC SCALE 1/8"=1'-0

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FULLY SPRINKLERED

| | |
|---|---|
| CONSTRUCTION DOCUMENTS 100% - FOR BID | 06/12/2012 |
| CONSTRUCTION DOCUMENTS 100% SUBMITTAL | 06/22/2011 |
| CONSTRUCTION DOCUMENTS 95% SUBMITTAL | 02/01/2011 |
| DESIGN DEVELOPMENT 50% SUBMITTAL | 06/21/2010 |
| SCHEMATIC DESIGN 15% SUBMITTAL | 05/03/2010 |
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CA PROJECT 00938.02

Drawing Title: FOURTH FLOOR SPRINKLER PLAN

Approved: Project Director

Project Title: VA MEDICAL CENTER 4E PATIENT WARD EXPANSION

Location: WASHINGTON DC

Date: 04/20/2010 | Checked: FAE | Drawn: PAM

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Building Number: E

Drawing Number: FP-102

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