

PHASING NOTE:

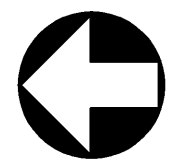
THIS JOB SHALL BE DONE IN A MINIMUM OF THREE PHASES. DURING EACH PHASE THE G.C. SHALL MAINTAIN THE OTHER PORTION OF THE BUILDING IN FULL OPERATING MODE. G.C. SHALL INSTALL CONSTRUCTION BARRIERS TO PROTECT OPERATIONAL AREA OF BUILDING. SEE SHEETS AD101 AND AS101 FOR LOCATIONS AND ADDITIONAL INFORMATION. G.C. SHALL REVIEW PHASING PLAN ON G1002 AND COORDINATE WITH THE VA REPRESENTATIVE. ANY PHASING CONCERNS SHALL BE BROUGHT TO VA'S ATTENTION PRIOR TO COMMENCING WORK. PHASE 1 CONSTRUCTION, INCLUDING THE INSTALLATION OF ALL EQUIPMENT SHOWN WITHIN THAT PHASE, SHALL BE COMPLETE, TESTED AND OPERATIONAL BEFORE PROCEEDING TO THE NEXT PHASE. ALL PHASES SHALL BE FULLY OPERATIONAL AND ACTIVATED BY THE VA PRIOR TO PROCEEDING TO THE SUBSEQUENT PHASE. CONTRACTOR SHALL ALLOW 2 WEEKS BETWEEN THE COMPLETION/ACCEPTANCE OF PHASE 2 AND THE START OF PHASE 3 TO ALLOW TIME FOR THE VA TO ACTIVATE THE COMPLETED AREA, AND REMOVE FURNISHINGS FROM THE FOLLOWING PHASE. WARRANTY ON ANY COMPLETED PHASES OF WORK SHALL NOT BEGIN UNTIL THE COMPLETION AND ACCEPTANCE OF THE ENTIRE JOB.

NOTES THIS SHEET

- 1 REMOVE EXISTING ELECTRIC WATER HEATER, CIRCULATION PUMP, ASSOCIATED VALVES, PIPING & PAD COMPLETE. COORDINATE REMOVAL OF WATER HEATER WITH INSTALLATION OF NEW WH-1 WATER HEATER PER NEW WORK PLAN COORDINATE DISRUPTION OF WATER SERVICE WITH OWNERS REPRESENTATIVE.
- 2 REMOVE PIPING AS INDICATED. PREPARE FOR CONNECTION PER NEW WORK PLAN. FINISH WORK WILL LEAVE NO PIPING IN 1B-330. COORDINATE DISRUPTION OF WATER SERVICE WITH OWNER'S REPRESENTATIVE AND PHASE PLANS.
- 3 REMOVE HOSE BIBB WALL FAUCET COMPLETE. PATCH INTERIOR GYPSUM BOARD WALL & EXTERIOR MASONRY TO MATCH ADJACENT EXISTING CONDITIONS.
- 4 REMOVE CW RISER COMPLETE. CAP CW PIPING BELOW FLOOR. REMOVE CW IN CEILING SPACE PER NOTE (2). NEW DOMESTIC WATER RISER IN NEW MECHANICAL ROOM SHALL BE INSTALLED & READY FOR CONNECTION TO SERVE BUILDING PRIOR TO REMOVAL OF EXISTING CW RISER. REFER TO SHEET P110 FOR NEW CW SERVICE. PATCH FLOOR TO MATCH EXISTING ADJACENT CONDITIONS. ABANDON CW PIPING LOCATED BELOW NEW ADDITION AS REQUIRED TO AVOID DEMOLITION OF NEW CONSTRUCTION.
- 5 REMOVE EXISTING 3/4" CW AND HW PIPING SERVING EXISTING MOP SINK. RETAIN VERTICAL PIPING IN WALL TO FIXTURE FOR CONNECTION TO NEW PIPING PER NEW WORK PLAN.
- 6 REMOVE EXISTING 4" PIPING CURRENTLY CAPPED FOR FUTURE SPRINKLER RISER. CAP PIPING BELOW FLOOR. PATCH FLOOR TO MATCH EXISTING ADJACENT CONDITIONS.
- 7 REMOVE EXISTING FD COMPLETE. CAP WP BELOW FLOOR. PATCH FLOOR TO MATCH EXISTING ADJACENT CONDITIONS.

ROOM SCHEDULE
DEMOLITION

| | |
|--------|------------------|
| 100 | RECEPTION |
| 110 | VESTIBULE |
| 219 | CORRIDOR |
| 220 | WAIT |
| 319 | CORRIDOR |
| 320 | WAIT |
| 1B-301 | STORAGE |
| 1B-304 | RECORDS |
| 1B-305 | P.T. |
| 1B-306 | PHYS. |
| 1B-307 | LPN |
| 1B-308 | EXAM 1 |
| 1B-309 | EXAM 2 |
| 1B-310 | EXAM 3 |
| 1B-311 | EXAM 4 |
| 1B-312 | EXAM 5 |
| 1B-313 | PHLEB. |
| 1B-314 | P.T. |
| 1B-315 | STORAGE |
| 1B-316 | EXAM 6 |
| 1B-317 | EXAM 7 |
| 1B-318 | STORAGE |
| 1B-319 | EXAM 8 |
| 1B-320 | PHYSICIAN |
| 1B-321 | PHARMACY |
| 1B-323 | S.T. |
| 1B-324 | EXAM 9 |
| 1B-325 | EXAM 10 |
| 1B-326 | CONFERENCE |
| 1B-327 | PHYSICIAN |
| 1B-328 | PHYSICIAN |
| 1B-329 | HOUSE KEEPING |
| 1B-330 | MECHANICAL |
| 1B-331 | DIRTY UTILITY |
| 1B-332 | CLEAN UTILITY |
| 1B-333 | EXAM 11 |
| 1B-334 | RESEARCH LIBRARY |
| 1B-335 | EXAM 12 |
| 1B-336 | S.T. |
| 1B-337 | STORAGE |
| 1B-338 | EXAM 13 |
| 1B-339 | SOCIAL WORKER |
| 1B-340 | PHARMACY |
| 1B-342 | EXAM 14 |
| 1B-343 | EXAM 15 |
| 1B-344 | STORAGE |
| 1B-345 | P.T. |
| 1B-346 | STAFF NURSE |
| 1B-347 | EXAM 16 |
| 1B-348 | EXAM 17 |
| 1B-349 | EXAM 18 |
| 1B-350 | EXAM 18 |
| 1B-351 | EXAM 20 |
| 1B-352 | LPN |
| 1B-353 | P.D. |
| 1B-354 | P.T. |



PLUMBING PLAN - DEMOLITION

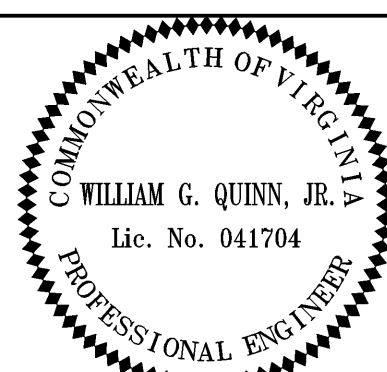
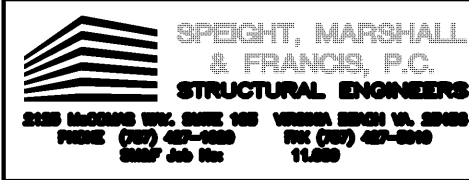
SCALE: 1/8" = 1'-0"

CONSULTANTS:

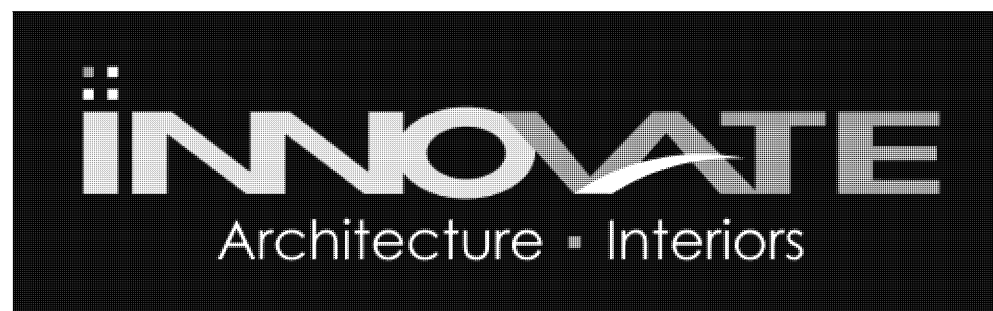


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Drawing Title
PLUMBING PLAN - DEMOLITION

Approved Project Director

Project Title
ROOF RENOVATION AND
MECHANICAL ADDITION FOR THE
RICHMOND YELLOW CLINIC

Location
VAMC, RICHMOND, VIRGINIA

Date
03 - 30 - 12

Checked
DBB

Drawn
JBS

Project Number
652-12-109

Building Number
511

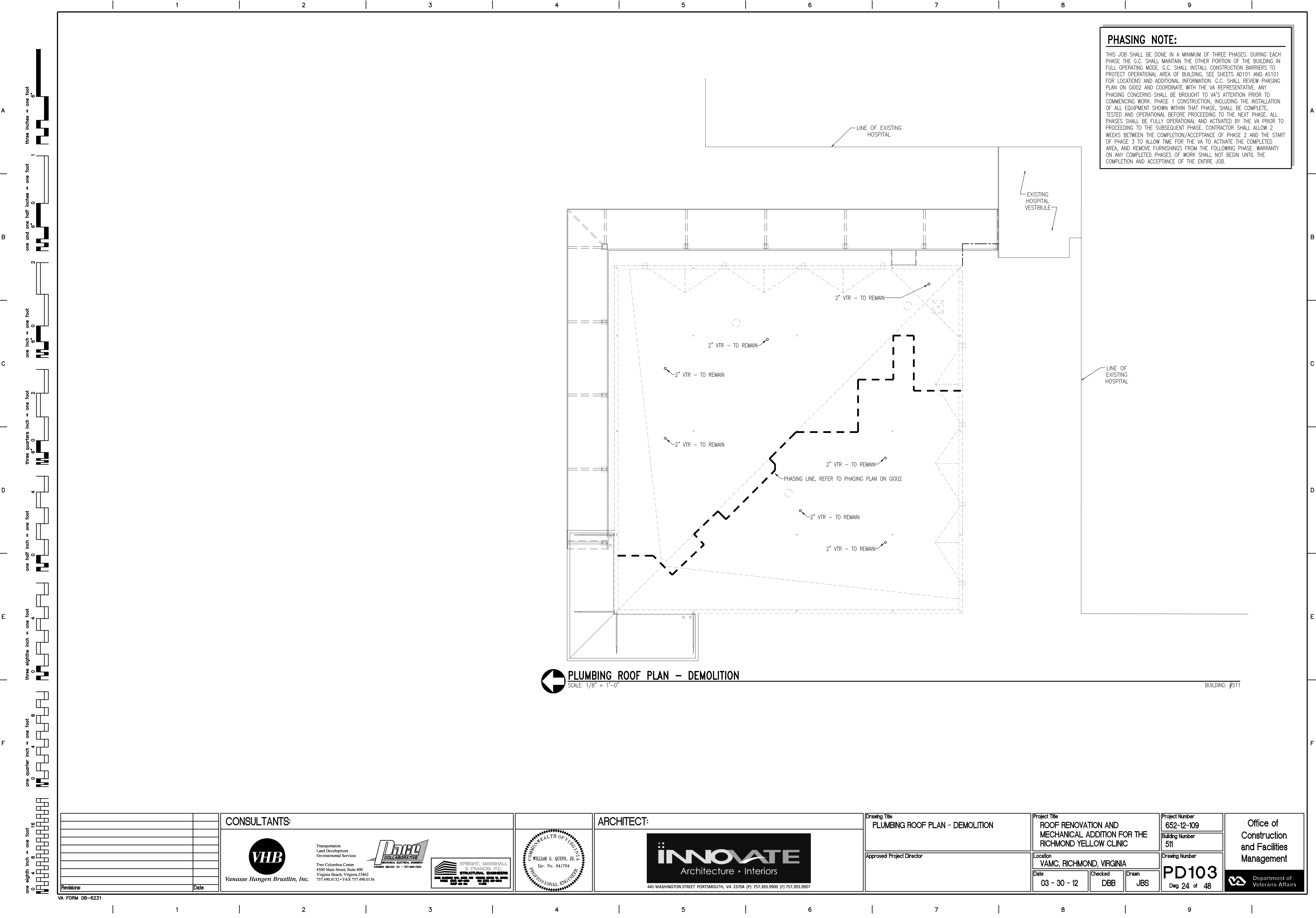
Drawing Number

PD101
Dwg. 23 of 48

Office of
Construction
and Facilities
Management



Department of
Veterans Affairs



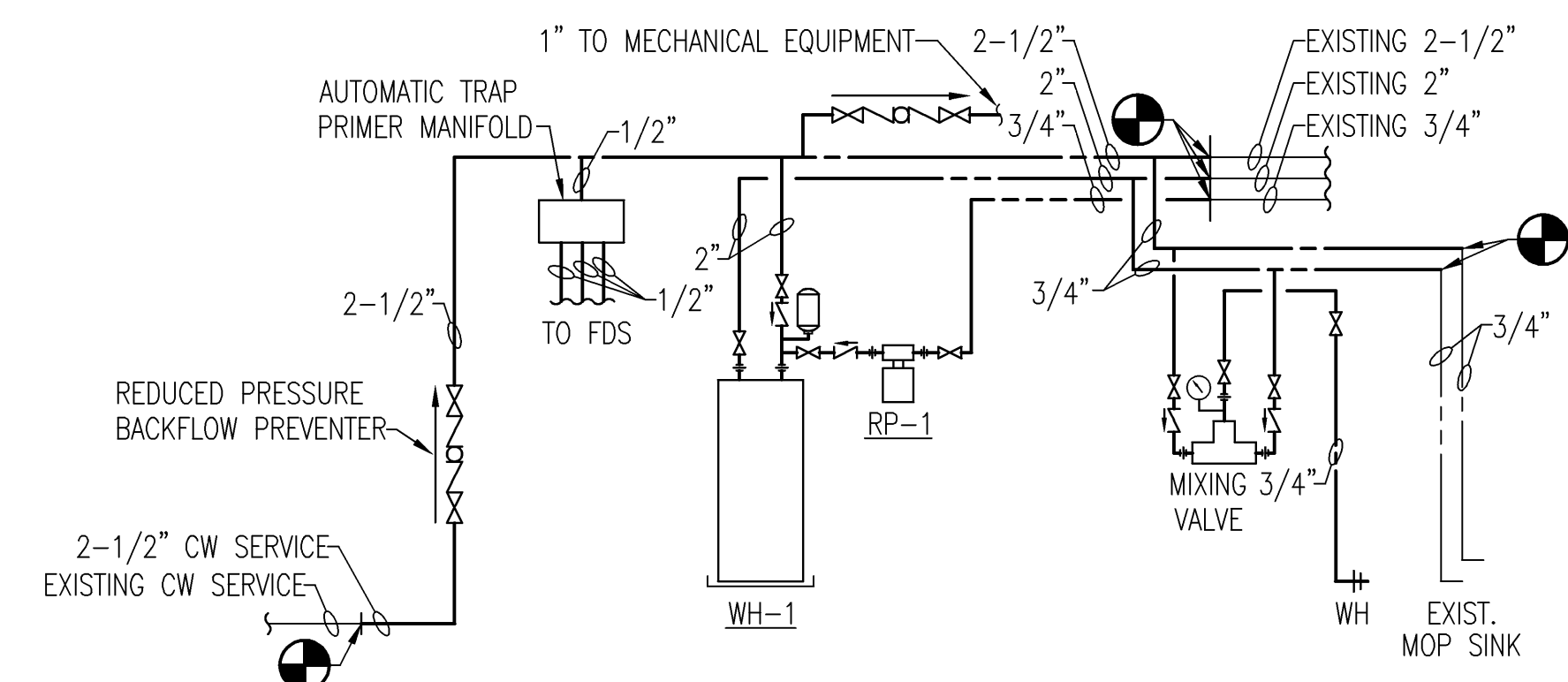
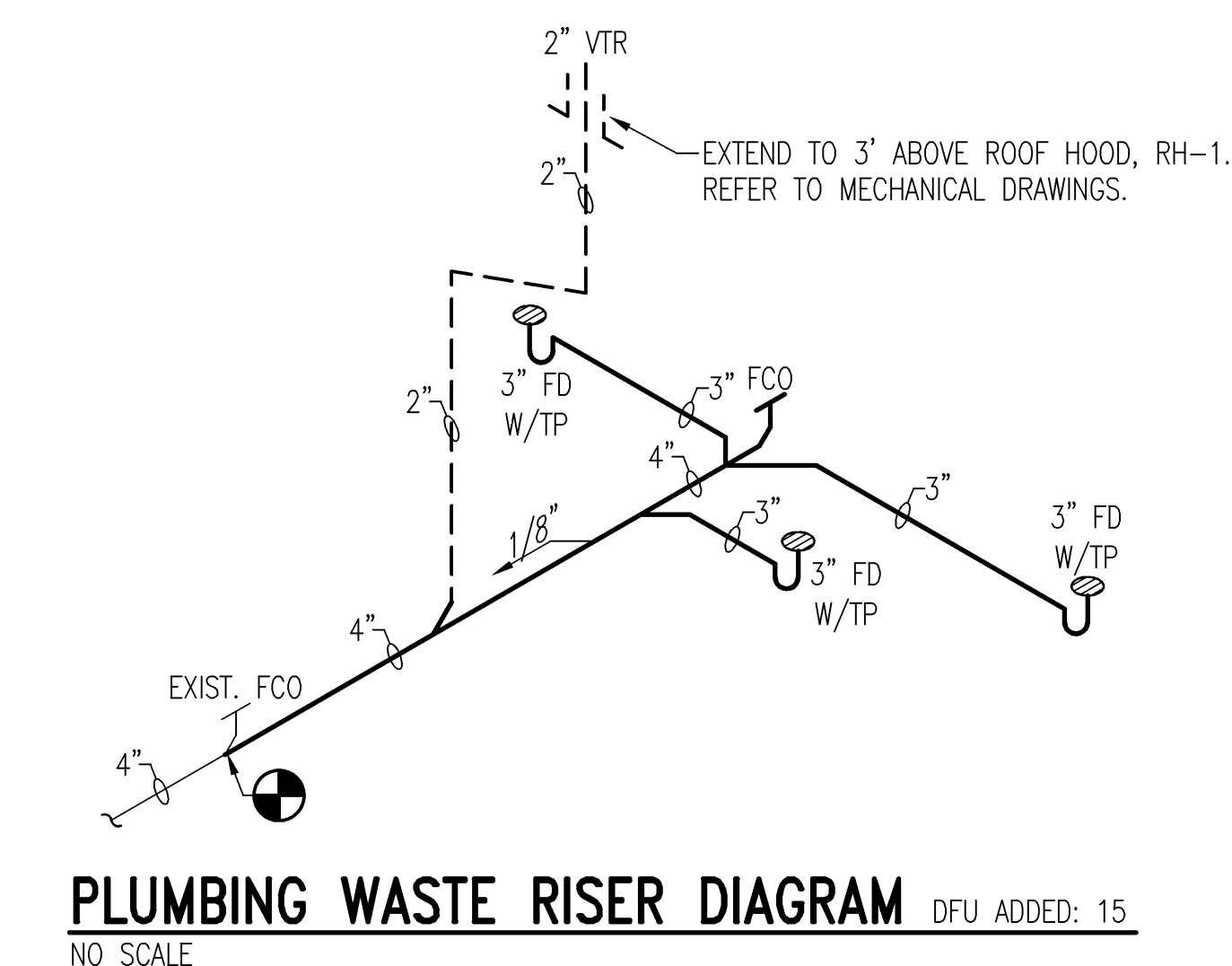
CONTRACTOR SHALL DESIGN AND PROVIDE A FULLY AUTOMATIC WET PIPE FIRE EXTINGUISHING SPRINKLER SYSTEM TO PROVIDE COMPLETE COVERAGE THROUGHOUT THIS BUILDING, INCLUDING NEW MECHANICAL ROOM ADDITION. SPRINKLER SYSTEM DESIGN, MATERIALS AND INSTALLATION SHALL BE IN ACCORDANCE WITH NFPA 13, STATE, AND LOCAL AUTHORITIES. SPRINKLER SYSTEM DESIGN SHALL BE BY HYDRAULIC CALCULATIONS FOR LIGHT & ORDINARY HAZARD OCCUPANCY.

CPVC PIPING SHALL NOT BE USED. ALL SPRINKLER HEADS SHALL BE QUICK RESPONSE & FM APPROVED. ALL WORK SHALL BE IN ACCORDANCE WITH VA STANDARDS INCLUDING THE "FIRE PROTECTION DESIGN MANUAL" DATED SEPTEMBER 2011.

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- 1 TRENCH, BACKFILL, COMPACT & REPAIR GRADE AS REQUIRED TO INSTALL NEW FIRE SERVICE MAIN.
- 2 PENETRATE EXISTING HOSPITAL FOUNDATION WALL. PROVIDE PIPE SLEEVE AND LINK SEAL AT PENETRATION.
- 3 NEW 6" FIRE MAIN SUSPENDED IN CRAWL SPACE.
- 4 NEW FIRE SERVICE RISER. REFER TO WET PIPE SPRINKLER RISER DETAIL, ON DRAWING P001.
- 5 PROVIDE WM-1. PROVIDE THERMOSTATIC MIXING VALVE TMV-1. PIPE WATER HEATER DRAIN & TEMPERATURE/PRESSURE RELIEF VALVE SEPARATELY TO ADJACENT FLOOR DRAIN. PROVIDE RECIRCULATION PUMP RP-1. REFER TO DETAIL, SHEET P001.
- 6 SPRINKLER MAIN DRAIN TERMINATION. PROVIDE CONCRETE SPLASH BLOCK. REFER TO FIRE SERVICE RISER DETAIL, SHEET P001. COORDINATE LOCATION WITH ARCHITECTURAL ELEVATIONS.
- 7 PROPOSED SPRINKLER INSPECTOR'S TEST TERMINATION. PROVIDE 45° BEND TO DIVERT WATER TOWARD GROUND. TERMINATE WITH CORROSION RESISTANT ORIFICE EQUAL TO SMALLEST SPRINKLER IN BUILDING. COORDINATE LOCATION WITH ARCHITECTURAL ELEVATIONS.
- 8 RELOCATED WATER SERVICE MAIN. TIE INTO EXISTING UNDERGROUND WATER SERVICE. PROVIDE NEW 2-1/2" REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER. COORDINATE ALL SERVICE DISRUPTIONS WITH DESIGNATED OWNER'S REPRESENTATIVE.
- 9 DOWNSPOUT FROM SCUPPER SYSTEM. REFER TO ARCHITECTURAL DRAWINGS FOR DETAILS.
- 10 WALL HYDRANT. PROVIDE THERMOSTATIC MIXING VALVE TO SERVE TEMPERED WATER TO NEW WALL HYDRANT.
- 11 PROPOSED LOCATION OF SPRINKLER MAIN ABOVE CEILING.
- 12 EDGE OF NEW MECHANICAL ROOM ADDITION.
- 13 EDGE OF EXISTING CLINIC. ALL FIXTURES, PIPING, ETC ARE EXISTING TO REMAIN UNLESS OTHERWISE NOTED.
- 14 THIS SPACE TO BE SPRINKLED TO SUIT ORDINARY HAZARD GROUP 1.
- 15 CONNECT NEW 3/4" CW & 3/4" HW TO EXISTING CW & HW ABOVE CEILING.
- 16 CONNECT NEW CW SERVICE TO EXISTING CW MAIN BELOW GRADE. EXTEND TO NEW RISER LOCATION IN NEW MECHANICAL ROOM.
- 17 CONNECT NEW CW, HW, & HWR PIPING TO EXISTING CW, HW, & HWR MAINS ABOVE CEILING. NEW CW SERVICE SHALL BE COMPLETE & SERVING BUILDING PRIOR TO DEMOLITION OF EXISTING CW SERVICE. PROVIDE BALL VALVES FOR ISOLATION AT POINT OF NEW CONNECTION.
- 18 CONNECT NEW FIRE SERVICE SERVING CLINIC TO EXISTING STANDPIPE RISER IN EXISTING HOSPITAL STAIRWELL. REFER TO DETAIL, SHEET P001.
- 19 CONNECT NEW 4" WP TO EXISTING 4" WP BELOW FLOOR. SAW CUT, EXCAVATE, BACKFILL, & PATCH FLOOR AS REQUIRED TO PERFORM WORK INDICATED. NEW FLOOR TO MATCH EXISTING.
- 20 2" VP-UP, OFFSET CLOSE TO OVERHEAD STRUCTURE TO VTR.
- 21 AUTOMATIC TRAP PRIMER MANIFOLD W/ TIMER. SUPPLY EACH NEW FD WITH PRIMING WATER FROM MANIFOLD.



PLUMBING WATER RISER DIAGRAM

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