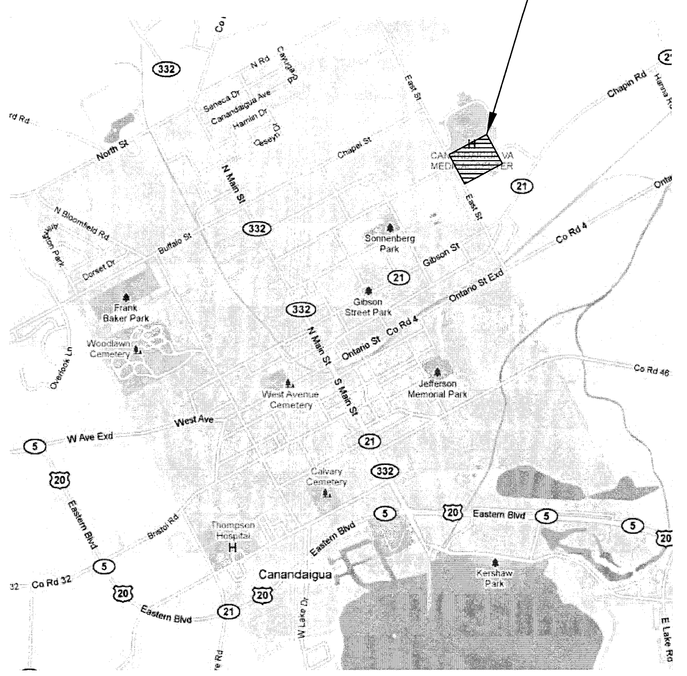

LOCATION MAP
NOT TO SCALE

DRAWING LIST:

GI-1 - COVER SHEET, LOCATION MAP, LEGEND, AND GENERAL NOTES
GI-2 - FACILITY OVERVIEW MAP
GI-3 - DETAIL SHEET

ASB-1 - CRAWLSPACE ASBESTOS ABATEMENT PLAN

HD-1 - SUB-BASEMENT PLAN - HVAC DEMOLITION
PD-1 - SUB-BASEMENT PLAN - DOMESTIC WATER DEMOLITION
PD-2 - SUB-BASEMENT PLAN - SANITARY DEMOLITION

H-1 - SUB-BASEMENT PLAN - HVAC
P-1 - SUB-BASEMENT PLAN - DOMESTIC WATER
P-2 - SUB-BASEMENT PLAN - SANITARY

GENERAL NOTES:

1. PROVIDE ACCURATE, FIELD VERIFIED AS-BUILT DRAWINGS AT COMPLETION OF CONSTRUCTION TO INCLUDE BUT NOT LIMITED TO: HORIZONTAL AND VERTICAL LOCATIONS OF ALL PIPING, UTILITY CONNECTIONS, REPAIRS OR RELOCATIONS, AND ANY FIELD CHANGES MADE DURING CONSTRUCTION.
2. ANY CHANGES OR SUBSTITUTIONS MUST RECEIVE PRIOR APPROVAL FROM THE COTR.
3. MUD AND DEBRIS SHALL NOT BE ALLOWED TO ACCUMULATE ON ROADWAY.
4. THE INTERCONNECTS TO THE EXISTING WATER PIPING SHALL NOT BE UNDERTAKEN UNTIL THE NEW WATER PIPING IS PRESSURE TESTED AND LEAK TESTED IN ACCORDANCE WITH THE SPECIFICATIONS. ALL TESTS SHALL BE WITNESSED BY THE DESIGNATED REPRESENTATIVE.
5. WATER USED FOR FLUSHING AND TESTING SHALL BE DISCHARGED TO SANITARY SYSTEM. CHLORINATED WATER SHALL NOT BE DISCHARGED DIRECTLY TO SURFACE WATERS.
6. THE EXISTING SERVICE PIPING BEING REPLACED SHALL REMAIN IN SERVICE UNTIL ALL OF THE EXISTING SERVICES HAVE BEEN CONNECTED TO THE PROPOSED PIPING, UNLESS OTHERWISE APPROVED BY COTR.
7. PROVIDE ALL CUTTING, PATCHING, AND FIRESTOPPING REQUIRED TO ACCOMPLISH WORK SHOWN. PATCH OPENINGS AND VOIDS/HOLES WITH GROUT PER SPECIFICATIONS.
8. MAINTAIN THE INTEGRITY OF ALL EXISTING EQUIPMENT AND SYSTEMS LOCATED OUTSIDE THE WORK AREA AND INTERRUPTED BY THE REMOVALS WORK. PROVIDE ALL ADDITIONAL PIPING, FITTINGS, ACCESSORIES, ETC. REQUIRED TO EXTEND AND RECONNECT REMAINING EQUIPMENT AND SYSTEMS.
9. SCHEDULE SYSTEMS SHUTDOWNS WITH COTR. PROVIDE 48 HOUR NOTICE. SYSTEM SHUTDOWNS SHALL NOT INTERFERE WITH BUILDING OPERATIONS. MAINTAIN EXISTING SYSTEMS PER COTR.
10. CONTRACTOR SHALL COORDINATE INSTALLATION OF PIPING WITH EXISTING CONDITIONS (STRUCTURAL ELEMENTS, ETC.). PROVIDE FITTINGS, TRANSITIONS, OFFSETS, ELEVATION CHANGES, ETC. TO MINIMIZE CONFLICTS WITH EXISTING CONDITIONS.
11. VERIFY AND MAINTAIN ALL EXISTING PIPE SIZES.
12. OPEN WIRING, PHONE CABLES, DATA, ETC. EXIST THROUGHOUT CRAWL SPACE. PROTECT CABLES AS REQUIRED TO MAINTAIN INTEGRITY OF THE VARIOUS SYSTEMS. RESUPPORT AS DIRECTED BY COTR.
13. COORDINATE ALL WORK WITH ASBESTOS ABATEMENT.
14. PROVIDE AND MAINTAIN A SAFE WORK AREA IN ACCORDANCE WITH OSHA GUIDELINES.
15. RESTORE ALL DISTURBED AREAS TO EQUAL OR BETTER THAN PRE-PROJECT CONDITION.
16. IT SHALL BE THE CONTRACTORS RESPONSIBILITY TO PROTECT EXISTING FEATURES. DAMAGED FEATURES SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
17. ANY CONTRACTOR PERFORMING WORK IN A CONFINED SPACE (I.E. CRAWLSPACE), MUST CERTIFY THAT THEY HAVE THEIR OWN CONFINED SPACE ENTRY PROGRAM THAT MEET OR EXCEEDS OSHA'S REGULATIONS. CERTIFICATION MUST BE NOTARIZED BY A PUBLIC NOTARY.
18. THE CONTRACTOR AND SUBCONTRACTORS SHALL BE SOLELY RESPONSIBLE FOR COMPLYING WITH ALL FEDERAL, STATE, AND LOCAL SAFETY REQUIREMENTS, TOGETHER WITH EXERCISING PRECAUTIONS AT ALL TIMES FOR THE PROTECTION OF PERSONS (INCLUDING EMPLOYEES) AND PROPERTY. THE CONTRACTOR SHALL COMPLY WITH THE OCCUPATIONAL SAFETY AND HEALTH ACT OF 1970 DURING THE CONDUCT AND PERFORMANCE ON AND IN CONNECTION WITH THIS PROJECT. IT IS ALSO THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO INITIATE, MAINTAIN, AND SUPERVISE ALL SAFETY REQUIREMENTS, PRECAUTIONS, AND PROGRAMS IN CONNECTION WITH THE WORK.
19. CONTRACTOR SHALL BE RESPONSIBLE FOR EXERCISING REASONABLE CARE IN OPERATING EQUIPMENT IN THE VICINITY OF UTILITIES. WHETHER OVERHEAD, AT GROUND LEVEL, OR BURIED, AND SHALL SAVE AND HOLD HARMLESS TOLMAN ENGINEERING, PLLC, THE OWNER, AND ANY OF THEIR DESIGNATED AGENTS FROM AND AGAINST ANY AND ALL CLAIMS AND DAMAGES OF ANY KIND OF INJURY TO, OR DEATH TO, ANY PERSON OR PERSONS AND FROM DAMAGE TO OR LOSS OF PROPERTY, ARISING OUT OF, OR ATTRIBUTED TO THE NEGLIGENCE OF CONTRACTOR'S OPERATIONS.
20. THE CONTRACTOR SHALL BE THOROUGHLY FAMILIAR WITH THE REGULATIONS OF THE U.S. DEPARTMENT OF LABOR, OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION (OSHA), THE U.S. DEPARTMENT OF TRANSPORTATION (DOT), THE U.S. ENVIRONMENTAL PROTECTION AGENCY (EPA), AND SIMILAR STATE AND OTHER AGENCIES HAVING JURISDICTION OVER THE WORK BEING PERFORMED.
21. THE CONTRACTOR SHALL PROVIDE NECESSARY HEALTH AND SAFETY TRAINING FOR ALL OF THE CONTRACTOR'S ON-SITE PERSONNEL.
22. THE CONTRACTOR SHALL HAVE A HEALTH AND SAFETY PLAN (HASP), WHICH DESCRIBES THE WORK BEING UNDERTAKEN, THE RISKS INVOLVED IN PERFORMING THE REQUIRED TASKS, THE MEASURES BEING TAKEN TO MITIGATE THE RISKS/HAZARDS, AND EMERGENCY RESPONSE PLANS. THE FOLLOWING TOPICS MUST BE COVERED IN THE CONTRACTOR'S HASP, AT A MINIMUM:
    A. EMERGENCY RESPONSE PLANS (CLOSEST HOSPITAL INFORMATION/DRIVING ROUTE)
    B. SITE AUTHORITIES AND ADDITIONAL EMERGENCY CONTACT PHONE NUMBERS
    C. SPECIFIC TASK JOB SAFETY ANALYSIS (JSA) FOR ALL WORK TASKS
    D. REQUIRED PERSONAL PROTECTIVE EQUIPMENT (PPE)
    E. DESIGNATED EMERGENCY MEETING LOCATION
    F. KICK-OFF TAILGATE MEETING OUTLINE (TAILGATE TO BE CONDUCTED DAILY)
    G. SIGN-OFF LINES (ALL ON-SITE REQUIRED TO SIGN DAILY)
23. THE CONTRACTOR SHALL AT ALL TIMES MEET ALL SAFETY REQUIREMENTS SET FORTH IN THEIR HEALTH & SAFETY PLAN (HASP) FOR THE SITE. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR CONDITIONS AT THE SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY WHILE PERFORMING THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS. THE CONTRACTOR SHALL COMPLY WITH THE CONSTRUCTION SAFETY COMMISSION "GENERAL SAFETY RULES AND REGULATIONS FOR THE CONSTRUCTION INDUSTRY", 29 CFR 1926 AND SAFETY RULES. THE CONTRACTOR SHALL REQUIRE ALL PERSONNEL TO WEAR APPROPRIATE PROTECTIVE CLOTHING, HARD HATS, ETC., AS REQUIRED BY LAW.

GENERAL NOTES:

24. IN ACCORDANCE WITH GENERALLY ACCEPTED PRACTICES, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MATTERS RELATING TO THE HEALTH AND SAFETY OF ITS PERSONNEL AND EQUIPMENT AND THE PUBLIC IN PERFORMANCE OF THE WORK. THIS INCLUDES RECOGNITION OF THE POTENTIAL HEALTH AND SAFETY HAZARDS ASSOCIATED WITH THE WORK AND INCLUDES COMPLIANCE WITH THE MINIMUM REQUIREMENTS OF THE HEALTH AND SAFETY PLAN IN FORCE FOR THE WORK, IF APPLICABLE. IT IS UNDERSTOOD THAT PROTECTIVE MEASURES SPECIFIED IN ANY HEALTH AND SAFETY PLAN ARE MINIMUM REQUIREMENTS FOR THE WORK.
25. CONTRACTOR WARRANTS WHEN REQUIRED BY A PROJECT THAT ALL ITS EMPLOYEES PERFORM WORK ON SAID PROJECT ARE PERMITTED TO ENGAGE IN HAZARDOUS WASTE OPERATIONS THAT COULD EXPOSE THEM TO HAZARDOUS SUBSTANCES, SAFETY, OR HEALTH HAZARDS, AND SHALL PROVIDE EVIDENCE PRIOR TO COMMENCING WORK THAT ALL WORKERS HAVE OBTAINED THE NECESSARY HEALTH AND SAFETY TRAINING AND MEDICAL SURVEILLANCE AS REQUIRED BY OSHA 1910.120.
26. ALL REQUIREMENTS DESCRIBED WITHIN THE GENERAL NOTES SECTION AND CONTRACT DOCUMENTS, UNLESS OTHERWISE INDICATED, SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT WITH NO ASSOCIATED PAY ITEM AND NO ADDITIONAL COMPENSATION TO BE AWARDED TO THE CONTRACTOR.
27. THESE PLANS HAVE BEEN PREPARED USING THE MOST ACCURATE INFORMATION AND DATA AVAILABLE AT THE TIME OF PREPARATION. WORK AREA CONDITIONS MAY BE ENCOUNTERED DURING CONSTRUCTION WHICH VARY FROM THOSE DEPICTED HEREIN. AS SUCH, THESE PLANS SHOULD BE USED AS CONSTRUCTION CONTROL REFERENCE, NOT A PRECISE CONSTRUCTION DOCUMENT. MODIFICATIONS TO THE IMPROVEMENTS AS SHOWN MAY BE REQUIRED BASED ON WORK AREA CONDITIONS AT THE TIME OF CONSTRUCTION.
28. ALL INSPECTIONS/SITE ASSESSMENTS MUST BE PERFORMED BY A QUALIFIED PROFESSIONAL.
29. THE CONSTRUCTION STAGING AREA SHALL BE LOCATED ADJACENT TO BUILDING #37. PROVIDE DESIRED SIZE TO VAMC AND COORDINATE WITH THE COTR TO DETERMINE FINAL LOCATION. CONSTRUCTION STAGING AREA SHALL BE SURROUNDED WITH A TEMPORARY 7' CHAIN LINK FENCE WITH GATE.
30. ALL PROPOSED PIPING AND FITTINGS SHALL BE INSULATED EXCEPT FOR THE NEW SANITARY PIPING.
31. ABATEMENT OF ASBESTOS-CONTAINING PIPE AND FITTING INSULATION, DEBRIS AND SOIL IS REQUIRED PRIOR TO RENOVATION AND DEMOLITION ACTIVITIES. ASBESTOS-CONTAINING CONTAMINATED MATERIALS ARE LOCATED IN THE BUILDING 37 CRAWL SPACE. ABATEMENT SHALL BE IN ACCORDANCE WITH SPECIFICATION 02 82 11.
32. ALL PIPE IMPACTED BY THE ASBESTOS ABATEMENT AND INSULATION REMOVAL SHALL BE RE-INSULATED AS PER SPECIFICATION 22 07 11. CONTRACTOR SHALL COORDINATE WITH THE PLUMBING AND HVAC PIPING ACTIVITIES.
33. CONTRACTOR SHALL MAINTAIN HOT WATER SERVICE (DOMESTIC AND HEATING TO BUILDING 36, 37, AND 118 DURING CONSTRUCTION ACTIVITIES. SEE SPECIFICATION 22 05 11 - COMMON WORK RESULTS FOR PLUMBING FOR ELECTRIC WATER HEATER REQUIREMENTS.
34. THE CONTRACTOR WILL BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, PROCEDURES, AND/OR TECHNIQUES.
35. PIPE AND VALVE LABELING AND TAGGING WILL BE REQUIRED ON NEW SYSTEMS ONLY.

GENERAL DEMOLITION NOTES:

1. ALL DEMOLITION AND REMOVAL WORK SHALL BE COORDINATED WITH COTR.
2. UNLESS OTHERWISE INDICATED, ALL ITEMS REMOVED SHALL BECOME PROPERTY OF THE CONTRACTOR AND BE PROPERLY DISPOSED OF.
3. DEMOLITION AND REMOVAL WORK SHALL BE STAGED TO MINIMIZE IMPACT TO VAMC OPERATIONS.
4. DUST CONTROL SHALL BE INTEGRATED THROUGHOUT THE PROJECT.
5. UNLESS OTHERWISE INDICATED, THE CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK TO INSTALL NEW WORK WHETHER SHOWN ON DEMOLITION PLAN OR NOT.
6. REMOVE AND TRANSPORT DEBRIS IN A MANNER THAT WILL PREVENT SPILLAGE ON ADJACENT SURFACES AND AREAS.
7. PIPING SYSTEMS INDICATED ON DRAWING SHALL BE REMOVED AS SHOWN. ADJUSTMENTS TO LOCATIONS OF VARIOUS ITEMS MAY BE REQUIRED BY FIELD CONDITIONS. VERIFY WITH COTR PRIOR TO INSTALLATION.
8. REMOVAL WORK SHALL INCLUDE ASSOCIATED ANCHORS, SUPPORTS AND HANGERS.
9. REMOVE ALL DOMESTIC COLD AND HOT WATER SYSTEMS TO RISER AND BOILER ROOM AS INDICATED. THE EXISTING RISERS AND PIPING IN BOILER ROOM SHALL REMAIN UNLESS OTHERWISE NOTED.
10. CONDUCT REMOVAL OPERATIONS TO PREVENT INJURY TO PEOPLE AND DAMAGE TO ADJACENT SURFACES AND AREAS.

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Drawing Title: COVER SHEET, LOCATION MAP, LEGEND, AND GENERAL NOTES

Approved Project Director:

Project Title: BUILDING 37 SERVICE PIPING REPLACEMENT

Location: CANANDAIGUA VAMC

Date: 03-16-2012 | Checked: BRP | Drawn: EHA/JLE

Project Number: 52A85-12-501

Building Number: 37

Drawing Number: GI-1

Dwg. 1 of 10

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