

GENERAL NOTES:

1. THESE PLANS HAVE BEEN PREPARED USING THE MOST ACCURATE INFORMATION AND DATA AVAILABLE AT THE TIME OF PREPARATION. FIELD CONDITIONS MAY BE ENCOUNTERED DURING CONSTRUCTION AND THESE CONDITIONS SHOULD BE CONTROLLED BY THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONTROL, REFERENCE, NOT A PREPARED CONSTRUCTION DOCUMENT, MODIFICATIONS TO THE IMPROVEMENTS AS SHOWN MAY BE REQUIRED BASED ON FIELD CONDITIONS AT THE TIME OF CONSTRUCTION.
2. THE KNOWN STRUCTURES, UTILITIES, MANHOLES, PAVEMENTS, FENCES, POLES, AND SIMILAR FEATURES LOCATED ON OR ADJACENT TO THE WORK SITE ARE SHOWN ON THE PLANS. THIS INFORMATION HAS BEEN COMPILED FROM SEVERAL SOURCES AND IS SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR. THIS INFORMATION IS NOT GUARANTEED TO BE COMPLETE OR WITHOUT ERRORS. THE SIZE AND LOCATION OF ANY STRUCTURE OR UTILITY SHOWN ON THE PLANS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. IF DAMAGE IS CAUSED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR REPAIR OF SAME AND FOR ANY RESULTING CONTINGENT DAMAGE OR COSTS.
3. THE LOCATION OF UTILITIES AND STRUCTURES SHOWN ARE NOT NECESSARILY THE LOCATION OF CONSTRUCTION AND THE EXACT LOCATION AND PROTECTION OF UTILITIES ARE THE RESPONSIBILITY OF THE CONTRACTOR.
4. PROVIDE AND MAINTAIN A SAFE EXCAVATION IN ACCORDANCE WITH OSHA GUIDELINES.
5. ALL INSPECTIONS/SITE ASSESSMENTS MUST BE PERFORMED BY A QUALIFIED PROFESSIONAL.
6. THE CONTRACTOR AND SUBCONTRACTORS SHALL BE SOLELY RESPONSIBLE FOR WORKING WITHIN THE EXISTING STATE AND LOCAL SAFETY REQUIREMENTS (OTHER THAN THE FEDERAL REQUIREMENTS) AND THE PROTECTIVE MEASURES (FENCES 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.
7. CONTRACTOR SHALL BE RESPONSIBLE FOR EXERCISING REASONABLE CARE IN OPERATING EQUIPMENT IN THE VICINITY OF UTILITIES, WHETHER OVERHEAD, AT GROUND LEVEL, OR BORED, AND SHALL SAVE AND HOLD HARMLESS TOLMAN ENGINEERING, INC. AND ALL CLAIMS AND DAMAGES OF ANY KIND OR 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.
8. 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.
9. THE CONTRACTOR SHALL PROVIDE NECESSARY HEALTH AND SAFETY TRAINING FOR ALL OF THE CONTRACTOR'S ON-SITE PERSONNEL.
10. THE CONTRACTOR SHALL HAVE A HEALTH AND SAFETY PLAN (HASP) WHICH DESCRIBES THE WORK BEING PERFORMED, THE RISKS ASSOCIATED WITH THE WORK, THE REQUIRED TRAINING, AND THE REQUIRED SAFETY MEASURES. THE FOLLOWING TOPICS MUST BE COVERED IN THE CONTRACTOR'S HASP. AT A MINIMUM:
 - A. EMERGENCY RESPONSE PLANS (CLOSEST HOSPITAL INFORMATION/DRIVING ROUTE)
 - B. SPE AUTHORITY AND ADDITIONAL EMERGENCY CONTRACT WORK NUMBERS
 - C. REQUIRED PERSONAL PROTECTIVE EQUIPMENT (PPE)
 - D. DESIGNATED EMERGENCY MEETING LOCATION
 - E. KICK-OFF TALK/MEETING MEETING LOCATION (TALK/MEET TO BE CONDUCTED DAILY)
 - F. SIGN-OFF LINES (ALL ON-SITE REQUIRED TO SIGN DAILY)
11. 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 WORK. THIS REQUIREMENT WILL APPLY TO ALL PERSONS AND PROPERTY WHILE PERFORMING THE WORK. THE CONTRACTOR SHALL COMPLY WITH THE CONSTRUCTION SAFETY CONSTRUCTION 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.
12. 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 THE PROTECTIVE MEASURES TO BE TAKEN TO PREVENT SUCH HAZARDS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE MINIMUM REQUIREMENTS OF UNDERSTOOD THAT PROTECTIVE MEASURES SPECIFIED IN ANY HEALTH AND SAFETY PLAN ARE MINIMUM REQUIREMENTS FOR THE WORK.
13. CONTRACTOR WARRANTS, WHEN REQUIRED BY A PROJECT THAT ALL ITS EMPLOYEES PROVIDE WORKER SAFETY TRAINING, RELEVANT TO THE EXISTING HAZARDOUS SITE 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.
14. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR MAINTAINING A SECURE AND SAFE SITE DURING THE ENTIRE PROJECT. DURING NON-WORK HOURS, BARRICADES AND GATES SUPPLIED BY THE CONTRACTOR SHALL BE SET OR LOCKED TO PROTECT THE WORK AREA AND TO SECURE THE WORK ZONE. ALL EXCAVATION AREAS SHALL BE PROTECTED BY BARRICADES AND/OR CONE PLACEMENT. ALL EXCAVATION AREAS SHALL BE BARRICADED AT THE END OF EACH WORK DAY. CLEAN UP SHALL FOLLOW CLOSELY BEHIND THE EXCAVATION OPERATIONS.
15. THE CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED SURVEYS TO COMPLETE THE SITE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL PINS AND SKIMMING OF EXISTING UTILITIES. THE CONTRACTOR SHALL REFERENCE TO PINS AND MONUMENTS BEFORE EXCAVATING AT OR NEAR SAID PINS OR MONUMENTS. IF ANY PINS OR MONUMENTS ARE DESTROYED OR DAMAGED BY THE CONTRACTOR, THEY SHALL BE ACCURATELY REPLACED BY A REGISTERED SURVEYOR IN THE STATE OF NEW YORK AT THE COMPLETION OF THE PROJECT.
16. 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.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CONDITION OF ALL WORK PERFORMED WITHIN WORK LIMITS FOR A PERIOD OF ONE (1) YEAR FROM THE FINAL ACCEPTANCE OF THE WORK, AND SHALL MAKE ANY NECESSARY REPAIRS AT NO COST TO THE OWNER.
18. THE CONTRACTOR WILL BE RESPONSIBLE FOR CONSTRUCTION MEANS, METHODS, PROCEDURES, AND/OR TECHNIQUES.
19. THE CONTRACTOR SHALL BE RESPONSIBLE TO OBTAIN ALL NECESSARY PERMITS AND APPROVALS PRIOR TO THE START OF THE WORK AS DESCRIBED WITHIN THE PROJECT SPECIFICATIONS AND DRAWINGS.
20. ANY MODIFICATION TO THE SPECIFICATIONS OR CHANGES TO THE WORK AS SHOWN ON THE DRAWINGS MUST HAVE PRIOR WRITTEN APPROVAL BY THE CONTRACT OFFICER.
21. RESTORE ALL DISTURBED AREAS TO EQUAL OR BETTER THAN PRE-PROJECT CONDITION.

GENERAL NOTES CONTINUED:

22. SUPPORT ALL UTILITIES EXPOSED BY EXCAVATION.
23. WHEN WATER IS KNOWN OR EXPECTED TO BE ENCOUNTERED IN TRENCHES, EXCAVATIONS, OR PITS, POWERS OF SUFFICIENT CAPACITY TO HANDLE THE FLOW SHALL BE MAINTAINED AT THE SITE. THEY SHALL BE IN CONSTANTLY ATTENDED OPERATION ON A 24 HOUR BASIS UNTIL, IN SOLE JUDGEMENT OF THE COR, THEIR OPERATION CAN BE SAFELY HALTED WHEN DETERMINING, CLOSE OBSERVATION SHALL BE MAINTAINED TO DETECT ANY SETTLEMENT OR DISPLACEMENT OF EMBANKMENT, AND FACILITIES, CONSISTENT OPERATION OF DRAINAGING FACILITIES IS REQUIRED.
24. ANY CHANGES OR SUBSTITUTIONS MUST BE RECEIVE PRIOR APPROVAL FROM THE CONTRACTING OFFICER.
25. ANY CONTRACTOR PERFORMING WORK IN A CONFINED SPACE (I.E. MANHOLES, TANKS, CHAMBERS) 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. LOCAL JURISDICTION MUST APPROVE TRAINING.
26. COMPACT BACKFILL AND FILL MATERIAL TO COMPLY WITH SPECIFICATIONS.
27. COMPACTION, FIELD DENSITY TESTS, AND PROOF ROLLING IS REQUIRED FOR ALL EARTHWORK. REFER TO SPECIFICATION FOR REQUIREMENTS.
28. THE CONTRACTOR MAY STOCKPILE CLEAN TOPSOIL ON-SITE FOR REUSE AT A LOCATION(S) APPROVED BY THE COR. ALL STOCKPILED SOILS MUST BE CONTROLLED USING EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES. NO MATERIALS SHALL BE STOCKPILED WITHIN A DESIGNATED FLOOD ZONE.
29. CONTRACTOR IS RESPONSIBLE FOR ALL REQUIRED FITTINGS INCLUDING THOSE NOT SHOWN HEREIN.
30. BEFORE BIDDING PROJECT, CONTRACTOR SHALL VERIFY ALL SITE FEATURES. CONTRACTOR IS RESPONSIBLE FOR RESTORING ALL SITE FEATURES DISTURBED BY PROJECT.
31. EXISTING UNDERGROUND UTILITIES, SHOWN OR NOT SHOWN IN THESE DRAWINGS, ARE TO BE VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORK AND ANNOTATED ON AS-BUILT DRAWINGS.
32. ALL EXISTING UTILITIES SHALL BE LOCATED BEFORE REMEDIATION WORK CONTACT: UNDERGROUND UTILITIES LOCATING SERVICE – 1-800-862-7982 OR 811.
33. THE CONTRACTOR SHALL DOCUMENT AND PROVIDE AS-BUILT INFORMATION OF ENCOUNTERED EXISTING UTILITIES.
34. PROVIDE ACCURATE FIELD CERTIFIED 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. AS-BUILTS SHALL INCLUDE EXISTING UTILITIES.
35. PROVIDE DESIRED CONSTRUCTION STAGING AREA SIZE TO VAMC AND COORDINATE WITH COR TO DETERMINE FINAL LOCATION. CONSTRUCTION STAGING AREA SHALL BE SURROUNDDED WITH TEMPORARY CHAIN LINK FENCE.
36. EXCAVATION AREA(S) SHALL BE ENCLOSED WITH TEMPORARY ORANGE PLASTIC FENCE AT ALL TIMES ACTIVE CONSTRUCTION IS NOT TAKING PLACE.
37. ALL EXISTING ASPHALT AND CONCRETE PAVEMENT INCLUDING SIDEWALK, CURB, AND PAVEMENT SHOULDER, BE REMOVED UNLESS SAID ITEMS ARE WITHIN THE WORK THROUGHOUT THE PROJECT SHALL PRESERVE THE EXISTING QUALITY OF SAID ITEMS THROUGHOUT THE PROJECT.
38. SURFACE DEBRIS SHALL BE PICKED UP AND DISPOSED OF PRIOR TO DEMOBILIZATION. ALSO, ALL ASPHALT SURFACES SHALL BE BROOM CLEANED.
39. WHEN ADJACENT ASPHALT OR CONCRETE AREAS ARE DISTURBED AS PART OF THE CONSTRUCTION, THE CONTRACTOR SHALL BE REQUIRED TO REPLACE THE DAMAGED OR EXCAVATED AREA. THE PERIMETER OF THE DISTURBED AREA SHALL BE SAW CUT FILL DEPTH, SO THAT THE LINES ARE STRAIGHT AND TRUE. ASPHALT SHALL BE REPLACED WITH ASPHALT. CONCRETE SHALL BE REPLACED WITH CONCRETE. ALL ADJACENT AREA THINGS TO REMAIN, REFER TO SPECIFICATIONS FOR ASPHALT AND CONCRETE REQUIREMENTS.
40. THE CONTRACTOR SHALL OBTAIN THE SERVICES OF A GROUND PENETRATING RADAR CONSULTANT TO DETERMINE THE LOCATION OF ALL UTILITIES BEFORE ANY CONSTRUCTION BEGINS. SCHEDULING OF LOCATION ACTIVITIES SHALL BE COORDINATED WITH COR.
41. FULL WATER SERVICE SHALL BE MAINTAINED AT ALL TIMES DURING CONSTRUCTION TO THE FOLLOWING BUILDINGS:
● BUILDING 34 – DOMICILIARY CARE
● BUILDING 76 – DOMICILIARY CARE
● BUILDING 78 – NURSING HOME CARE
● BUILDING 104 – DOMICILIARY CARE
42. CONTRACTOR SHALL COORDINATE HOURS AND TIMES FOR WATER SERVICE DISRUPTIONS TO BUILDINGS NOT LISTED ABOVE WITH COR PRIOR TO CONSTRUCTION. OFF-HOURS AND/OR WEEKEND WORK MAY BE REQUIRED TO ACCOMMODATE VA OPERATIONS DURING WATER SERVICE INTERRUPTIONS.
43. CONTRACTOR SHALL SUBMIT FOR REVIEW AND APPROVAL FULL COORDINATION DRAWING FOR EACH WATER SERVICE CONNECTION BACKFLOW PREVENTION INSTALLATION PRIOR TO BEGINNING CONSTRUCTION.
44. WATER, SANITARY SEWER, STORM SEWER, ELECTRIC, COMMUNICATION, STEAM, AND GASES DAMAGED DURING CONSTRUCTION SHALL BE IMMEDIATELY REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. THE CONTRACTOR SHALL NOT BE PERMITTED TO CONTINUE UNTIL DAMAGED SERVICE IS REPAIRED.
45. DRAWINGS DO NOT INDICATE ALL EXISTING UTILITIES. BEFORE ALL EXCAVATIONS, LOCATIONS AND/OR ELEVATIONS OF EXISTING UTILITIES AS SHOWN ON THESE PLANS ARE NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE.
46. AT LEAST 4" OF TOPSOIL SHALL BE PROVIDED FOR ALL AREAS TO BE SEEDED.
47. DURING CONSTRUCTION AND UNTIL AREAS ARE STABILIZED, MAINTAIN THE SITE AGAINST THE FORCES OF WATER AND WIND EROSION.
48. REMOVE FROM SITE AND DISPOSE OFF-SITE OF ALL EXCESS EXCAVATED MATERIALS NOT USED ELSEWHERE.
49. ALL PIPE, FITTINGS, SOLDER, FIXTURES, ETC. SHALL CONTAIN NO MORE THAN 0.25% LEAD.
50. ALL PIPING IS SCHEMATIC, SUPPORTS, UNIONS, FITTINGS, VALVES, INSULATION, ETC. SHALL BE AS REQUIRED FOR A COMPLETE AND OPERATING SYSTEM.
51. ALL PAINTING WITHIN EXISTING BUILDINGS FOR REPAIR AND REPAINTING WORK SHALL MATCH EXISTING.

GENERAL BACKFLOW PREVENTION NOTES

1. ALL BACKFLOW PREVENTION DEVICES AND ASSEMBLIES SHALL APPEAR ON THE CURRENT EDITION OF THE LIST OF APPROVED BACKFLOW PREVENTION ASSEMBLIES PUBLISHED BY THE FLOOD CONTROL AND HYDRAULIC RESEARCH (FCCoHR).
2. INSTALLATION OF ALL BACKFLOW PREVENTION DEVICES AND ASSEMBLIES SHALL COMPLY WITH THE FOLLOWING CODES, ORDINANCES, NEW YORK STATE DEPARTMENT OF HEALTH REGULATIONS, AND VA REQUIREMENTS.
3. ALL BACKFLOW PREVENTION DEVICES AND ASSEMBLIES SHALL BE DESIGNED FOR INLINE SERVICE AND INSTALLED TO PREVENT FREEZING, FLOODING, AND MECHANICAL DAMAGE.
4. ALL BACKFLOW PREVENTION ASSEMBLIES SHALL BE ADEQUATELY SUPPORTED AND/OR RESTRICTED TO PREVENT LATERAL MOVEMENT. ASSEMBLY SUPPORT DEVICES SHALL BE PLACED IN A MANNER THAT WILL NOT OBSTRUCT THE FUNCTION OF OR ACCESS TO RELIEF VALVES OR TEST COOKS.
5. ALL BACKFLOW PREVENTION ASSEMBLIES SHALL BE INSTALLED WITH MANUFACTURER SUPPLIED SHUTOFF VALVES.
6. ALL BACKFLOW PREVENTION ASSEMBLIES SHALL BE INSTALLED HORIZONTALLY UNLESS SPECIFICALLY APPROVED FOR VERTICAL INSTALLATION.
7. WHERE THE DISTANCE BETWEEN THE WATER SERVICE ENTRANCE TO THE BUILDING AND THE BACKFLOW PREVENTION DEVICE OF ASSEMBLY IS GREATER THAN 10 FEET, ALL NOT TYPED AT 5'-FOOT INTERVALS.
8. BACKFLOW PREVENTION DEVICES AND ASSEMBLIES SHALL BE LOCATED TO AVOID ELECTRICAL PANELS, ETC.
9. BACKFLOW PREVENTION DEVICES AND ASSEMBLIES SHALL BE INSTALLED WITH THE MINIMUM CLEARANCES INDICATED ON THE DRAWINGS.

GENERAL RPZ ASSEMBLY NOTES:

1. ALL DRAINAGE FROM RPZ ASSEMBLY RELIEF VALVES SHALL BE BY GRAVITY AND HAVE AN AIR GAP BETWEEN THE RELIEF VALVE OPENING AND DISCHARGE PIPING.
2. DISCHARGE PIPING FROM RPZ RELIEF VALVES SHALL TERMINATE A MINIMUM OF TWO PIPE DIAMETERS OR 1-INCH, WHICHEVER IS GREATER, ABOVE ANY FLOOR DRAIN OR OTHER RECEIVING APPURTENANCE.

GENERAL NOTES

Drawing Title	Project Title	Date
GENERAL NOTES	INSTALL CROSS CONNECTION CONTROLS	01/12/2015
Approved Eng. Project Supervisor	Date	Project No.
	Bidding No.	528A-6-14-624
	N/A	
Approved Medical Center Director	Checked	Dram
	BPP	EHA/ALLE
	Date	Drawing Number
	Location	WAC-528A-6-761
	BATH NEW YORK	GI-0002
		Dwg. 2 of 10

Office of
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