GENERAL NOTES

1. THE CONTRACTOR MUST BE RESPONSIBLE FOR PROVIDING FIELD LAYOUT. THE CONTRACTOR MUST TAKE TIES TO UTILITY CONNECTIONS AND PROVIDE MARKED-UP RECORD DRAWINGS FOR PROPOSED UTILITIES SHOWING TIES TO CONNECTIONS, BENDS, VALVES, LENGTHS OF LINES AND INVERTS.
2. THE CONTRACTING OFFICER MUST BE NOTIFIED IN WRITING OF ANY CONDITIONS THAT VARY FROM THOSE SHOWN ON THE PLANS. THE CONTRACTOR'S WORK MUST NOT VARY FROM THE DRAWINGS WITHOUT THE EXPRESSED APPROVAL FROM THE ENGINEER AND CONTRACTING OFFICER.
3. IT IS THE CONTRACTOR'S RESPONSIBILITY TO EXAMINE PLAN SHEETS AND SPECIFICATIONS, AND COORDINATE WORK WITH OTHER CONTRACTS FOR THE SITE, INCLUDING UTILITY CONNECTIONS AND INSPECTIONS DURING CONSTRUCTION.
4. TRENCH EXCAVATION AND ANY REQUIRED SHEETING AND SHORING MUST BE DONE IN ACCORDANCE WITH THE LATEST OSHA REGULATIONS OR EM385-1-1 WHICHEVER IS MORE STRINGENT FOR CONSTRUCTION.
5. THE CONTRACTOR MUST BE RESPONSIBLE FOR THE MAINTENANCE OF SURFACE DRAINAGE DURING THE COURSE OF WORK.
6. EXISTING DRAINAGE UTILITY INFORMATION PROVIDED BY GOVERNMENT.
7. THE CONTRACTOR MUST MAINTAIN THE ROADWAYS (PARKER ROAD AND HAGNER ROAD) THROUGHOUT CONSTRUCTION SO THAT VEHICULAR TRAFFIC AND EMERGENCY VEHICLES MAY PASS.

UTILITY NOTES

1. EXISTING UTILITIES SHOWN ON THE PROJECT DRAWINGS ARE LOCATED APPROXIMATELY AND MUST BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. UTILITY LOCATIONS ARE BASED ON DRAWINGS PROVIDED BY THE GOVERNMENT. THE CONTRACTOR MUST FIELD VERIFY ALL UTILITIES PRIOR TO CONSTRUCTION.
2. EXISTING UTILITIES TO REMAIN IN OPERATION MUST BE PROTECTED FROM DAMAGE BY THE CONTRACTOR. CONTRACTOR-CAUSED DAMAGE TO EXISTING UTILITIES MUST BE REPAIRED BY CONTRACTOR AT NO ADDITIONAL COST TO THE GOVERNMENT.
3. THE CONTRACTOR MUST ARRANGE FOR TEMPORARY UTILITY CONNECTIONS THAT MAY BE REQUIRED DURING CONSTRUCTION. INCLUDING BUT NOT LIMITED TO: POTABLE WATER, POWER, AND COMMUNICATIONS.
4. CONTRACTOR MUST CALL DIG SAFE AT 811 AND PROVIDE LOCAL UTILITIES NOT COVERED BY DIG SAFE, NOT LESS THAN 14 DAYS PRIOR TO ANY EXCAVATION FOR VERIFICATION OF UNDERGROUND UTILITY LOCATIONS. SINCE DIG SAFE MAY NOT IDENTIFY SOME UTILITIES ON GOVERNMENT PROPERTY, THE CONTRACTOR MUST ENGAGE SERVICES OF WATERVLIET ARSENAL DPW AND PRIVATE UTILITY LOCATING COMPANIES FOR ADDITIONAL ASSISTANCE WITH BELOW GRADE LOCATING UNDERGROUND UTILITIES.
5. WHERE CONTRACTOR ENCOUNTERS EXISTING ABANDONED PIPES AND CONDUIT WITHIN THE LIMIT OF EXCAVATION FOR THE WORK OF THE PROJECT, THE CONTRACTOR MUST IMMEDIATELY CONTACT THE CONTRACTING OFFICER.
6. CONTRACTOR MUST PROVIDE HORIZONTAL AND VERTICAL LOCATIONS OF UTILITIES ENCOUNTERED OR ABANDONED ON RED-LINE MARKUP DRAWINGS AT THE COMPLETION OF WORK.

CONSTRUCTION NOTES

1. WVA IS CONSIDERED A "LOW" LIKELIHOOD FOR ENCOUNTERING MUNITIONS AND EXPLOSIVES OF CONCERN (MEC). A SITE WITH A LOW LIKELIHOOD OF ENCOUNTERING MEC REQUIRES THAT MEC CONSTRUCTION SUPPORT BE MADE AVAILABLE BY EOD OR UXO QUALIFIED PERSONNEL. THE SUPPORT CAN BE ON-SITE OR ON-CALL DURING INTRUSIVE OPERATIONS. CONTRACTOR TO PROVIDE 3R AWARENESS TRAINING FOR ALL SITE WORKERS TO INFORM THEM OF POTENTIAL HAZARDS ASSOCIATED WITH MEC. (WWW.3RS.MIL) 1
2. THE CONTRACTOR MUST BE RESPONSIBLE FOR MAINTAINING TRAFFIC FLOW DURING CONSTRUCTION, MAINTAINING EXISTING TRAFFIC CONTROL SIGNAGE AND INFORMATIONAL SIGNS DURING PROGRESS OF THE WORK WHERE POSSIBLE. PROVIDE ADDITIONAL SIGNAGE AS NECESSARY TO DIRECT VEHICLES AND PEDESTRIANS AROUND CONSTRUCTION SITE. ANY SHUTDOWN TO ROADWAYS OR GILLESPIE GATE TRAFFIC MUST BE COORDINATED NO LESS THAN 28 DAYS PRIOR TO THE COMMENCEMENT OF EACH SPECIFIC WORK ACTIVITY. THE CONTRACTOR MAY BE DIRECTED, AT THE CONTRACTING OFFICER'S DISCRETION, TO COORDINATE WORK THAT IMPACTS ROADWAYS TO BE DONE DURING OFF HOURS.
3. CONSTRUCTION MATERIALS MUST BE TRANSPORTED TO AND FROM THE SITE IN COVERED VEHICLES.
4. THE CONTRACTOR MUST BE RESPONSIBLE FOR MAINTAINING THEIR SECURITY AT ALL TIMES DURING CONSTRUCTION.
5. THE CONTRACTOR MUST PROTECT EXISTING PROPERTY LINE MONUMENTATION. ANY MONUMENTATION DISTURBED OR DESTROYED, AS JUDGED BY THE ENGINEER OR OWNER, MUST BE REPLACED AT THE CONTRACTOR'S EXPENSE UNDER THE SUPERVISION OF A NEW YORK STATE LICENSED SURVEYOR.
6. EXCAVATED MATERIAL WILL BE REUSED ONSITE AS ALLOWED BY SPECIFICATIONS, SEE SECTION 31 00 00. UNSUITABLE AND/OR UNWANTED SURPLUS MATERIAL, AS DETERMINED BY THE CONTRACTING OFFICER, MUST BECOME THE PROPERTY OF THE CONTRACTOR AND MUST BE DISPOSED OF OFF OWNER'S PROPERTY. UNLESS NOTED OTHERWISE, SURPLUS NATIVE TOPSOIL AND EXCAVATED SUBSOILS THAT REMAIN AT THE END OF CONSTRUCTION AND/OR ARE NO LONGER REQUIRED TO COMPLETE THE WORK, TO INCLUDE SOILS AND FILLS BROUGHT ON-SITE, SHALL BECOME THE PROPERTY OF THE CONTRACTOR, AND MUST BE COMPLETELY REMOVED AND DISPOSED OF OFF-SITE IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL REGULATIONS AT THE CONTRACTOR'S EXPENSE. TESTING REQUIRED TO BE PERFORMED ON SOILS AND FILLS TO BE DISPOSED OF OFF-SITE, WHETHER REQUIRED BY FEDERAL, STATE, AND LOCAL RULES AND REGULATIONS, OR BY THE REQUIREMENTS OF THE RECEIVER OF THE SOILS AND FILLS, IS THE CONTRACTOR'S RESPONSIBILITY.
7. SOIL TESTING MUST BE PERFORMED IN EXCAVATED AREAS BY A QUALIFIED ENVIRONMENTAL PROFESSIONAL AT A MINIMUM OF ONE SAMPLE PER 500 TONS, IN ACCORDANCE WITH EPA MAXIMUM CONTAMINANT LEVELS. THE SOIL MUST BE PLACED ON AND COVERED WITH SIX (6) MILPOLYETHYLENE/PLASTIC SHEETING DURING THE ENTIRE DURATION OF ITS STAGING AND SECURED WITH APPROPRIATE CONTROLS TO LIMIT THE LOSS OF COVER AND PROTECT AGAINST STORM-WATER AND/OR WIND EROSION (I.E. HAY BALES, SILT FENCING, ROCKS, ETC.). SOIL CONTAINMENT AND TESTING AREAS ARE LIMITED TO THE PROJECT CONSTRUCTION LIMITS.
8. IF HAZARDOUS SOILS ARE ENCOUNTERED, COVER CONTAINERS WITH SIX (6) MIL PLASTIC SHEETING, EXCEPT WHEN PLACING MATERIAL WITHIN THE CONTAINER. WHILE UNCOVERED, PROVIDE A DEDICATED QUALIFIED HANDLER TO PHYSICALLY ATTEND TO THE CONTAINER AT ALL TIMES.
9. SITE SOILS, WHICH ARE TO BE DISPOSED OF OFF-SITE (AND NOT REUSED ON-SITE), MUST BE DONE SO AT A LICENSED FACILITY IN ACCORDANCE WITH ALL LOCAL, STATE, AND FEDERAL LAWS.
10. BEST SOIL MANAGEMENT PRACTICES MUST BE EMPLOYED AT ALL TIMES AND REGULATED SOILS SHOULD BE SEGREGATED INTO SEPARATE PILES (OR CELLS OR CONTAINERS) AS APPROPRIATE BASED UPON THE RESULTS OF ANALYTICAL TESTING WHEN MULTIPLE REUSE OPTIONS ARE PLANNED.
11. ALL NON-DISPOSABLE EQUIPMENT USED DURING THE SOIL DISTURBANCE ACTIVITIES WILL BE PROPERLY DECONTAMINATED AS APPROPRIATE PRIOR TO REMOVAL FROM THE SITE. ALL DISPOSABLE EQUIPMENT USED DURING THE SOIL DISTURBANCE ACTIVITIES WILL BE PROPERLY CONTAINERIZED AND DISPOSED OF FOLLOWING COMPLETION OF THE WORK. ALL VEHICLES UTILIZED DURING THE WORK SHALL BE PROPERLY DECONTAMINATED AS APPROPRIATE PRIOR TO LEAVING THE SITE.
12. GROUNDWATER MUST BE TESTED FOR LEVELS OF CONTAMINANTS CONSISTENT WITH EPA OR NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION (NYS DEC) MAXIMUM CONTAMINATION LEVELS (MCL'S). CONTAMINATED GROUNDWATER MUST BE STORED IN FRAC TANKS. IF CONTAMINATED LEVELS ARE ABOVE LIMITATIONS IDENTIFIED BY THE EPA OR NYS DEC MCL'S, THE CONTRACTOR MUST COORDINATE WITH THE LOCAL WASTEWATER TREATMENT FACILITY AND/OR LICENSED WASTE FACILITY TO DISPOSE OF CONTAMINATED GROUNDWATER.

New York 811 — Know what's below. Call or Click 811 before you dig.

LEGEND

EXISTING

- FLAG POLE
- DRAINAGE MANHOLE
- DRAINAGE CATCH BASIN (ROUND INLET)
- UNKNOWN MANHOLE
- METAL LIGHT POLE
- ELECTRIC MANHOLE
- SEWER MANHOLE
- BOLLARD
- VENT
- WATER VALVE
- FIRE HYDRANT
- SIGN
- SURVEY TRAVERSE POINT
- GUY WIRE
- TREE
- GAS VALVE
- SOIL BORING
- MONITORING WELL
- BRIDGE COLUMN
- COMMUNICATIONS MANHOLE
- UNKNOWN ITEM LOCATED IN SURVEY
- FENCE LINE
- TREE LINE
- BRUSH LINE
- GUIDERAIL
- EDGE OF GRAVEL
- CROWN OF ROAD
- STORM DRAINAGE PIPE
- ELECTRIC MARKOUT LINE
- GAS MARKOUT LINE
- WATER MARKOUT LINE
- UNKNOWN MARKOUT LINE
- COMMUNICATION MARKOUT LINE

PROPOSED

- DRAINAGE CATCH BASIN
- FUEL LINE MANHOLE
- ELECTRIC/COMMUNICATIONS HANDHOLE
- BOLLARD
- LIGHT POLE
- EDGE OF GRAVEL
- EDGE OF PAVEMENT
- STORM DRAINAGE
- WATER MAIN
- ELECTRIC DUCTBANK
- COMMUNICATIONS DUCTBANK
- FUEL LINE
- BUILDING
- GRAVEL
- PAVEMENT
- CONCRETE

DEMOLITION

- UTILITY OR FEATURE LINE
- SURFACE EXCAVATION

ABBREVIATIONS

APPROX	APPROXIMATE
B.M.	BENCH MARK
BIT	BITUMINOUS
CB	CATCH BASIN
CLF	CHAIN LINK FENCE
CONC	CONCRETE
COND	CONDUIT
DMH	DRAIN MANHOLE
ELECT	ELECTRIC
EMH	ELECTRICL MANHOLE
EQUIP	EQUIPMENT
EX / EXIST	EXISTING
FMH	FIBER MANHOLE
GPR	GROUND PENETRATING RADAR
HORIZ	HORIZONTAL
INV	INVERT
MIN	MINIMUM
PIV	POST INDICATOR VALVE
PVC	POLYVINYL CHLORIDE PIPE
RCP	REINFORCED CONCRETE PIPE
RND	ROUND
TEMP	TEMPORARY
TYP	TYPICAL
UGC	UNDERGROUND COMMUNICATIONS
UGE	UNDERGROUND ELECTRIC
VERT	VERTICAL
W/	WITH

Professional Engineer — HEATHER L. SMITH — 15862 — Date — WYOMING
05/12/2026

US Army Corps of Engineers®

MARK	DESCRIPTION	DATE
1	AMENDMENT	05/12/2026
0	ISSUED FOR CONSTRUCTION	09/18/2025

ISSUE DATE: 09/18/2025
SOLICITATION NO.:
CONTRACT NO.:
DRAWING CODE:
SHEET X OF X

DESIGNED BY: HLS
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CHECKED BY: LDA
SUBMITTED BY: BCT
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U.S. ARMY CORPS OF ENGINEERS
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NEW YORK, NY 10278-0004

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WATERVLIET ARSENAL
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GENERAL NOTES

SHEET ID
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