

GENERAL NOTES:

- THE CONTRACTOR IS RESPONSIBLE FOR FULL REMOVAL OF EXISTING SITE SURFACES AND SUB-GRADE MATERIALS SHOWN AND NOT SHOWN IN ACCORDANCE WITH THE SITE SURFACE REMOVAL INDEX ON GS-100 AND AS REFLECTED ON 1/GS-100, KEYED DEMOLITION/ALTERATION NOTES AND ALL APPLICABLE SPECIFICATIONS, AND GENERAL NOTES. REMOVAL OF EXISTING SURFACE SHALL BE TO DEPTH CALLED OUT ON SITE SURFACE REMOVAL INDEX.
- ALL WORK TO BE CAREFULLY PLANNED TO ENSURE SAFE CONDITIONS DURING CONSTRUCTION. PROVIDE ALL BRACING & SHORING AS REQUIRED THROUGHOUT THE PROJECT. ALL CONSTRUCTION DEBRIS SHALL BE REMOVED DAILY. PROJECT SHALL BE SWEEPED CLEAN DAILY. SITE SHALL BE LEFT SECURE DURING ALL PROJECT PHASES.
- THE CONTRACTOR SHALL PROVIDE EXCAVATION AS NEEDED TO INSTALL NEW SUBGRADE UTILITIES SHOWN ON ALL DRAWINGS IN THIS CONTRACT. CONTRACTOR SHALL EXCAVATE IN ACCORDANCE WITH THE TRENCHING TEMPORARY SITE ACCESS PLAN SHOWN ON GS-100 AND IN ALL AREAS REQUIRING EXCAVATION TO INSTALL NEW UTILITIES. IN ALL AREAS WITH EXISTING PAVEMENT EXCAVATION SHALL BE REMOVAL OF ALL EXISTING TOP COURSE, BINDER AND BASE COARSE MATERIALS TO ~6" BELOW EXISTING GRADE AS NECESSARY TO ACHIEVE NEW FINAL GRADES SHOWN ON GS-101 WITH THE PROVISION OF NEW SURFACES. DO NOT DISTURB EXISTING STRUCTURES WHILE EXCAVATING UNLESS ALTERATION OF STRUCTURE IS SPECIFIED OR CALLED OUT ON DRAWINGS. REMOVE SPOILS FROM SITE WHILE EXCAVATING.
- GRADE LINES SHOWN ARE APPROXIMATE AND ARE INTENDED TO PROVIDE GENERAL ELEVATION AND GRADING INFORMATION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL ELEVATIONS AND COORDINATE FINAL GRADING TO PROVIDE A COMPLETE, AND COMPREHENSIVE REMOVAL OF EXISTING SITE MATERIALS IN ORDER TO FULLY IMPLEMENT ALL ELEMENTS OF THE SITE PLAN SHOWN ON GS-101 AND ALL OTHER DRAWINGS AND APPLICABLE SPECIFICATIONS IN THIS CONTRACT.
- COMPLETELY REMOVE ALL SIDEWALKS AND CURBING INDICATED ON SITE SURFACE REMOVALS INDEX. ALL OTHER CURBING AND SIDEWALK NOT SCHEDULED OR INDICATED TO BE REMOVED SHALL REMAIN IN PLACE.

KEYED DEMOLITION/REPAIR NOTES:

- EXCAVATE AND REMOVE EXISTING LEFT GATE READER AND ASSOCIATED CONDUITS EMBEDDED IN CONCRETE.
- REMOVE EXISTING FOUNDATION PILING SUPPORTS ENTIRELY. PILING ARE EMBEDDED APPROXIMATELY 6' BELOW GRADE.
- REMOVE EXISTING PERIMETER FENCE ENTIRELY, INCLUDING REMOVAL OF EXISTING CONCRETE FOOTERS.
- REMOVE EXISTING GUARDRAIL AND POSTS COMPLETELY, INCLUDING REMOVAL OF EXISTING CONCRETE FOOTERS. REMOVE ALL GUARDRAIL MATERIAL NO LONGER IN FACT ENTIRELY INCLUDING ALL CONCRETE FOOTERS.
- DISCONNECT ALL EXISTING EXTERIOR UTILITY SERVICE CONDUITS AND WIRE ATTACHED TO BRICK EXTERIOR WALL FACE INCLUDING UNBUILT SUPPORTS AND CONNECTION BOLTS. RE-ROUTE EXISTING FIRE ALARM SYSTEM WIRING AFTER REMOVAL THROUGH NEW CONDUIT 3" BELOW FINISHED GRADE IN ACCORDANCE WITH 1/GS-100. ALL OTHER EXISTING UTILITIES REMOVED FROM BUILDING EXTERIOR SHALL BE DISPOSED OF. RE-CONNECT FIRE ALARM SYSTEM IN BUILDING TO MECHANICAL ROOM PER 1/GS-100. CONTRACTOR SHALL PROVIDE ADDITIONAL CONDUIT AND WIRE AS NECESSARY TO RE-ESTABLISH THE ALARM SYSTEM CONNECTIONS AFTER RE-MOVING OF CONDUIT PATCH AND REPAIR BUILDING EXTERIOR AS NECESSARY AFTER REMOVING EXTERIOR UTILITY SYSTEM.
- REMOVE EXISTING ENTRANCE OVERHANG COMPLETELY. PATCH AND REPAIR ALL DAMAGES TO EXTERIOR OF BUILDING THAT RESULT FROM REMOVAL. PATCH AND REPAIR SHALL INCLUDE ALL MATERIALS NECESSARY TO MATCH EXISTING BRICK.
- REMOVE EXISTING EXTERIOR LIGHT FIXTURE COMPLETELY. REMOVE ALL ASSOCIATED CONDUIT AND WIRE BACK TO PANEL FACED AND REPAIR BUILDING EXTERIOR AND INTERIOR AS NECESSARY TO REPAIR ANY DAMAGE THAT RESULTS FROM REMOVAL.
- REMOVE EXISTING BOLLARD AND CONCRETE FOOTER COMPLETELY. WHILE EXCAVATING DO NOT DISTURB EXISTING UTILITIES. COORDINATE REMOVAL WITH LOR PRIOR TO START.
- EXISTING ROOF ACCESS LADDER TO REMAIN.
- EXCAVATE AND REMOVE EXISTING CONCRETE GATE LEVER PAD (~6" BELOW GRADE) AND ALL ASSOCIATED SERVICE CONDUITS AND FUTURES IN THEIR ENTRY.
- DEMOLISH ALL EXISTING CONDUIT FROM BUILDING EXTERIOR INCLUDING ALL UNBUILT SUPPORTS, UPS, RANGERS AND BOLTS. PATCH AND REPAIR BRICK AS NECESSARY AFTER REMOVAL.
- REMOVE EXTERIOR METAL STEPS IN THEIR ENTRY, INCLUDING ANY EXISTING CONCRETE FOOTERS AND UNBUILT CONNECTION STEPS TO EXISTING BUILDING. DEMOLISH SURFACE MATERIAL BELOW EXISTING STEPS TO PREPARE LOCATION FOR NEW SIDEWALKS PER DRAWING GS-101.
- EXCAVATE AND REMOVE EXISTING SANITARY SEWER MANHOLE AND ASSOCIATED GRATE DRAIN IN THEIR ENTRY.
- REMOVE EXISTING GATE CARD READER. DEMOLISH ASSOCIATED SERVICES AND CONDUITS FOR GATE CARD READER.
- REMOVE EXISTING PVC CONDUIT, ASSOCIATED FUTURES, WIRE AND ALL THREE EXISTING DISCONNECT SWITCHES AND WIRE FROM EXTERIOR WALL. PATCH AND REPAIR EXTERIOR OF BUILDING FROM ANY DAMAGES THAT RESULT FROM REMOVAL.
- EXISTING GRATE/CLEANOUT/MANHOLE COVER TO REMAIN. REMOVE EXISTING ASPHALT AROUND STRUCTURE CAREFULLY SO AS NOT TO DISTURB.
- CONTRACTOR SHALL TAKE CARE TO MANAGE DISTURBANCE TO EXISTING GATE READER AND LEFT GATE WHEN EXCAVATING FOR NEW COMMUNICATION DUCT BANK FROM SIGNAL MANHOLE TO BLDG.1 TRENCH. CONTRACTOR SHALL BE RESPONSIBLE FOR REPLACEMENT AND REPAIR OF ALL DAMAGED LEFT GATE SYSTEM CONDUITS OR DETECTION LOOP EQUIPMENT IN KIND. IN ADDITION, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE FUNCTIONALITY OF THIS LEFT GATE PRIOR TO BACKFILLING TRENCH. SHOULD SUCH DAMAGE RESULT FROM CONTRACT WORK.
- REMOVE BOTH THE EXISTING LOT 4 SIGN AND THE ADJACENT WESTWARD SIGN AS WELL AS ALL CONCRETE FOOTERS.

SITE PLAN SYMBOLS

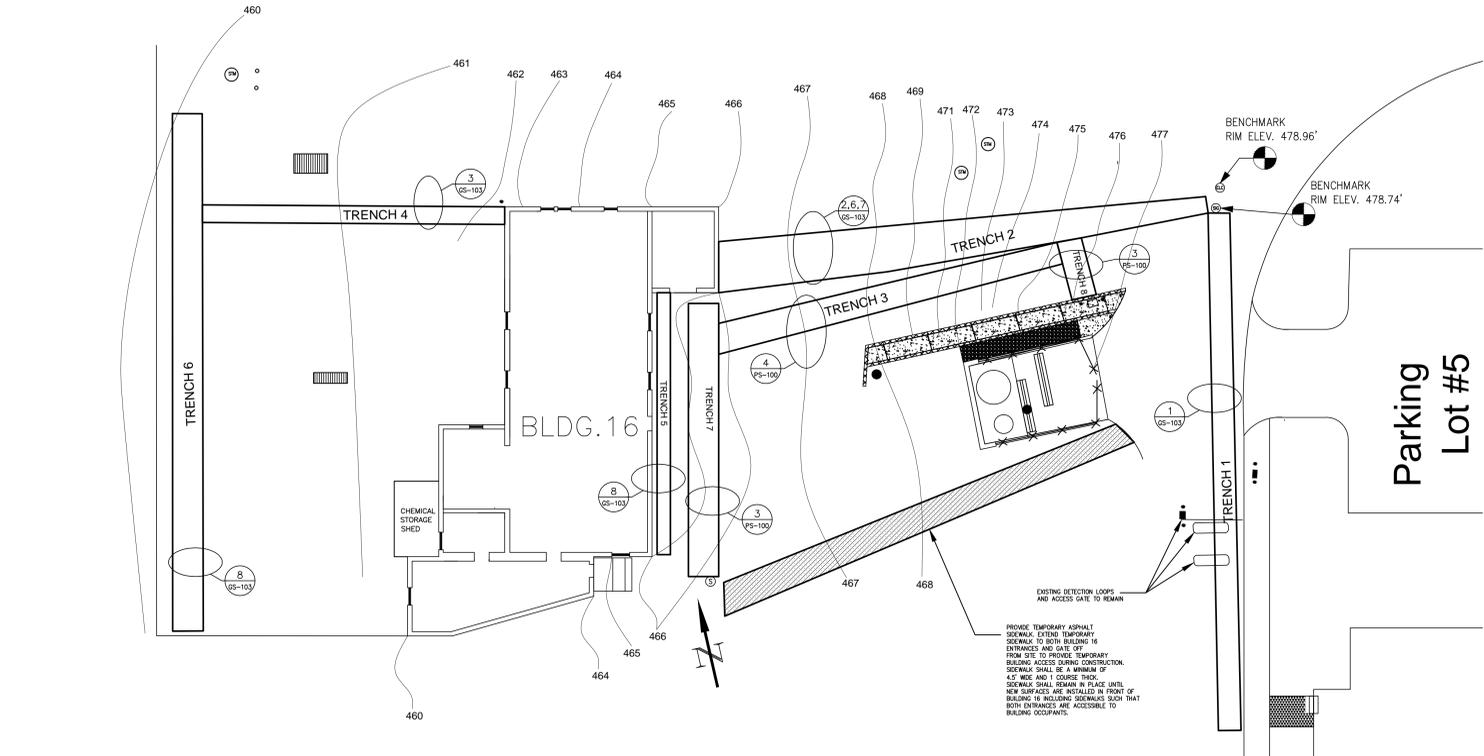
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EXISTING GRADE LINE AND ELEVATION

- EXISTING SANITARY SEWER MANHOLE
- EXISTING ELECTRIC MANHOLE
- EXISTING FOUNDATION PILING
- EXISTING SIGNAL MANHOLE
- EXISTING STEAM VAULT ACCESS COVER
- CLEANOUT
- EXISTING GRATE DRAIN SYSTEM

SITE SURFACE REMOVAL INDEX				
Approximate Quantity	SURFACE Unit	MINIMUM DEPTH OF REMOVAL (INCHES)	Symbol	Description
1750	SF	FULL REMOVAL	[Symbol]	CONCRETE SIDEWALK
350	LF	FULL REMOVAL	[Symbol]	GRANITE CURB
16,616	SF	6	[Symbol]	ASPHALT
250	SF	36	[Symbol]	GRASS AND TOPSOIL
650	SF	72	[Symbol]	LOOSE SOIL AND DEBRIS
950	LF	FULL REMOVAL	[Symbol]	EXISTING FENCE, POSTS AND CONCRETE FOOTERS
106	SF	12	[Symbol]	ROUNDED GRAVEL
106	SF	FULL REMOVAL	[Symbol]	ALLEN BLOCK WALL

1 SITE REMOVALS, EXCAVATION, AND ALTERATIONS PLAN- BUILDING 16 EXTERIOR FRONT/ LOT 4
1/16"=1'-0"



TRENCHING DATA					
TRENCH #	APPROXIMATE MAX. DEPTH BELOW GRADE	APPROXIMATE WIDTH	UTILITY ADDED & DRAWING REFERENCE	APPROXIMATE CUT VOLUME (CY)	NOTES
1	4'-0"	3'-6"	1) 4X4" GRS CONDUIT COMMUNICATION DUCT BANK PER DRAWING ES-100	87	CONTRACTOR SHALL ENSURE THAT SERVICE ROAD REMAINS OPEN DURING ALL WEEKDAYS DURING CONTRACT PERFORMANCE PERIOD. ALL WORK ON TRENCH ONE SHALL BE DURING WEEKEND HOURS. UTILIZE ROAD PLATE TO ENSURE TRENCH IS COVERED DURING WEEKDAYS AND USABLE BY TRAFFIC, INCLUDING TRACTOR TRAILER DELIVERY TRUCKS.
2	6'-0"	6'-0"	1) 4X4" GRS CONDUIT COMMUNICATION DUCT BANK PER DRAWING ES-100. 2) 2X1-1/2" GRS CONDUIT COMMUNICATION DUCT BANK PER DRAWING ES-100. 3) 2X1-1/2" GRS CONDUIT POWER DUCT BANK PER DRAWING ES-100	209	1) EXCAVATE WITH CAUTION NEAR EXISTING BUILDING SERVICE FEEDERS. VERIFY UTILITIES BEFORE STARTING EXCAVATION. 2) AFTER INSTALLATION OF UTILITIES INDICATED, BACKFILL TRENCH PER 9/GS-103.
3	7'-0"	4'-0"	1) 4" SCR30 DRAIN PIPE AND CLEANOUTS PER DRAWING PS-100	70	1) TAKE CARE NOT TO DISTURB EXISTING SEWER AND WATER MAINS WHILE EXCAVATING EXCEPT WHERE CALLED OUT FOR REMOVAL. 2) AFTER INSTALLATION OF UTILITIES INDICATED, BACKFILL TRENCH PER 8/GS-103.
4	4'-0"	4'-0"	1) 4X1-1/2" GRS CONDUIT POWER DUCT BANK PER DRAWING ES-100. 2) 2X1-1/2" GRS CONDUIT COMMUNICATION DUCT BANK PER DRAWING ES-100.	40	1) TAKE CARE NOT TO DISTURB EXISTING SEWER AND WATER MAINS WHILE EXCAVATING EXCEPT WHERE CALLED OUT FOR REMOVAL. 2) AFTER INSTALLATION OF UTILITIES INDICATED, BACKFILL TRENCH PER 9/GS-103.
5	4'-0"	4'-0"	1) RE ROUTE EXISTING FIRE ALARM SYSTEM FROM BLDG.16 EXTERIOR WALL PER DRAWING ES-100.	27	1) TAKE CARE NOT TO DISTURB EXISTING SEWER AND WATER MAINS WHILE EXCAVATING EXCEPT WHERE CALLED OUT FOR REMOVAL. 2) AFTER INSTALLATION OF UTILITIES INDICATED, BACKFILL TRENCH PER 8/GS-103.
6	4'-0"	4'-0"	1) 6X1-1/2" SCHEDULE 80 PVC POWER CONDUITS PER ES-100. 2) 2X1-1/2" SCHEDULE 80 PVC COMMUNICATION CONDUITS PER ES-100.	118	1) TAKE CARE NOT TO DISTURB EXISTING SEWER AND WATER MAINS WHILE EXCAVATING EXCEPT WHERE CALLED OUT FOR REMOVAL. 2) AFTER INSTALLATION OF UTILITIES INDICATED, BACKFILL TRENCH PER 9/GS-103.
7	4'-0"	4'-0"	1) ACO GRATE DRAIN SYSTEM AND 4" SCR30 DRAIN PIPE WITH CLEANOUT PER DRAWING PS-100.	62	1) TAKE CARE NOT TO DISTURB EXISTING SEWER AND WATER MAINS WHILE EXCAVATING EXCEPT WHERE CALLED OUT FOR REMOVAL. 2) AFTER INSTALLATION OF UTILITIES INDICATED, BACKFILL TRENCH PER 8/GS-103 & 3/PS-100.
8	4'-0"	4'-0"	1) ACO GRATE DRAIN SYSTEM AND 4" SCR30 DRAIN PIPE PER DRAWING PS-100.	11	1) TAKE CARE NOT TO DISTURB EXISTING SEWER AND WATER MAINS WHILE EXCAVATING EXCEPT WHERE CALLED OUT FOR REMOVAL. 2) AFTER INSTALLATION OF UTILITIES INDICATED, BACKFILL TRENCH PER 8/GS-103 & 3/PS-100.

1 TRENCHING AND TEMPORARY SITE ACCESS PLAN
1/16"=1'-0"

Revisions Date		(Company Logo/Information Block)		Drawing Title SITE REMOVALS, TRENCHING, AND TEMPORARY SITE ACCESS PLAN		Project Title UPGRADE FOR BUILDING 16 SITEWORK		Date 05/04/2013					
				Approved: Facility Manager		Building Number 16		Checked CF				Drawn AZH	
						Location VAMC SYRACUSE, NY		Project No. 528A7-13-715				DRAWING NO. GS-100 Dwg. 3 of 11	