GENERAL NOTES

1. THE CONTRACTOR MUST IMMEDIATELY NOTIFY THE CONTRACTING OFFICER OF ANY DISCREPANCY OR CONFLICT FOUND IN THE FIELD PRIOR TO OR DURING THE COURSE OF CONSTRUCTION AND MUST NOT PROCEED WITH CONSTRUCTION UNTIL THE CONTRACTING OFFICER RESOLVES THE SAID DISCREPANCY OR CONFLICT.

2. UNLESS OTHERWISE NOTED, ALL EXISTING PAVEMENT, UTILITY LINES, AND OTHER IMPROVEMENTS DAMAGED OR UNDERMINED AS A RESULT OF THE CONTRACTOR'S OPERATIONS, MUST BE RECONSTRUCTED OR REPLACED BY THE CONTRACTOR AT THE CONTRACTORS EXPENSE TO MATCH EXISTING CONDITIONS.

3. THE UNDERGROUND PIPES, CABLES, OR DUCT LINES KNOWN TO EXIST BY THE ENGINEER FROM THE ENGINEERS SEARCH OF RECORDS AND SURVEY, ARE INDICATED ON THE PLANS. THE CONTRACTOR MUST VERIFY THE LOCATIONS AND DEPTHS OF THE FACILITIES AND EXERCISE PROPER CARE IN EXCAVATING IN THE AREA. WHEREVER CONNECTIONS OF NEW UTILITIES TO EXISTING UTILITIES ARE SHOWN ON THE PLANS THE CONTRACTOR MUST EXPOSE THE EXISTING LINES AT THE PROPOSED CONNECTIONS TO VERIFY THEIR LOCATIONS AND DEPTHS PRIOR TO EXCAVATION FOR NEW LINES.

4. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL EXISTING UTILITIES. DAMAGE TO THE EXISTING UTILITIES MUST BE REPAIRED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE WITH NO COST TO THE GOVERNMENT.

5. THE CONTRACTOR MUST VERIFY AND CHECK ALL DIMENSIONS AND DETAILS SHOWN ON THE DRAWING PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES MUST BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE CONTRACTING OFFICER FOR CLARIFICATION.

6. THE CONTRACTOR MUST SEED AND STABILIZE ALL DISTURBED AREAS NOT COVERED BY PAVEMENT.

7. DEMOLITION, REMOVAL, AND DISPOSAL OF OTHER ITEMS AS IDENTIFIED DURING DEMOLITION ACTIVITIES AND BY THE GOVERNMENT CLIENT MAY BE REQUIRED AND MUST BE ACCOMPLISHED WHEN REQUESTED BY THE GOVERNMENT.

8. SPOILS MUST BE DISPOSED OF OFFSITE AT THE CONTRACTOR'S EXPENSE. STOCKPILES AND STAGING AREAS WILL BE PROVIDED BY THE CONTRACTOR.

9. THE CONTRACTOR MUST NOT DISTURB OR BLOCK ACCESS TO OTHER FACILITIES AND WORK AREAS THAT MAY BE ADJACENT TO THE PROJECT SITE. DETOURS, WHEN REQUIRED, MUST BE COORDINATED WITH THE CONTRACTING OFFICER.

10. HAUL ROUTES ARE NOT FOR THE CONTRACTOR'S SOLE USE AND MUST REQUIRE COORDINATION WITH THE CONTRACTING OFFICER AND OTHER USERS.

11. HAUL ROUTES MUST BE USED AS DIRECTED BY THE NJ ANG. THE USE OF EXISTING ROADS SHOWN ON THESE DRAWINGS FOR ACCESS TO THE PROJECT SITE MUST BE VERIFIED WITH THE NJ ANG PRIOR TO BEGINNING WORK.

12. EXISTING FACILITIES SHOWN ON THE DRAWINGS ARE BASED ON THE BEST AVAILABLE INFORMATION, BUT MAY NOT REFLECT THE ACTUAL CONDITIONS AT THE SITE. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING ALL EXISTING CONDITIONS PRIOR TO BEGINNING WORK.

13. CONTRACTOR MUST NOTIFY CONTRACTING OFFICER WHEN AN UNKNOWN UTILITY IS ENCOUNTERED. ALL DEBRIS AND SCRAP WILL BE REMOVED FROM THE WORK AREA AND DISPOSED OF AT A COMMERCIAL LANDFILL OR OTHER APPROVED OFF-SITE LOCATION.

14. THE CONTRACTOR MUST FIELD VERIFY THIS INFORMATION PRIOR TO USE TO DETERMINE WHETHER ANY DISCREPANCIES OR DIFFERING SITE CONDITIONS EXIST.

15. UNLESS OTHERWISE NOTED, ALL DIMENSIONS AND ELEVATIONS SHOWN ON THE DRAWINGS ARE EXPRESSED IN FEET.

16. ALL DIMENSIONS SHOWN ARE MEASURED FROM THE OUTSIDE FACE OF BUILDING FOUNDATIONS AND BACKS OF CURBS, UNLESS NOTED OTHERWISE.

17. THE CONTRACTOR MUST MAINTAIN POSITIVE DRAINAGE AWAY FROM NEW AND EXISTING CONSTRUCTION AT ALL TIMES.

18. PROVIDE SOIL PREPARATION (INCLUDING SOIL CONDITIONERS AS REQUIRED), FERTILIZING, SEEDING, AND SURFACE TOP-DRESSING OF ALL NEWLY GRADED FINISHED EARTH SURFACES, UNLESS INDICATED OTHERWISE, AND AT ALL AREAS INSIDE OR OUTSIDE THE LIMITS OF CONSTRUCTION THAT ARE DISTURBED BY THE CONTRACTOR'S OPERATIONS.

19. TO THE MAXIMUM EXTENT POSSIBLE, EXCAVATED SOILS MUST BE RE-PURPOSED TO REMAIN WITHIN THE PROJECT LIMITS AS FILL MATERIAL. FAA RESERVES THE RIGHT OF FIRST REFUSAL TO RETAIN ALL EXCESS MATERIAL GENERATED FROM CONSTRUCTION PROJECTS PERFORMED ON TECHNICAL CENTER PROPERTY (INCLUDING LEASED AREAS). ANY SOIL THAT IS PROPOSED TO BE RELOCATED OUTSIDE OF A PROJECT AREA MUST BE SAMPLED AND ANALYZED FOLLOWING NJ DEP FILL MATERIAL (I.E., ONE TCLP SAMPLE PER EVERY 1,000 YARDS) AND RECEIVE APPROVAL FROM FAA PRIOR TO TRANSPORT. IN THE EVENT FAA ELECTS TO REFUSE ACCEPTANCE OR IF THE EXCAVATED SOIL IS FOUND TO BE CONTAMINATED AND NOT BEING USED AS ON-SITE BACKFILL MATERIAL, THE CONTRACTOR WILL BE REQUIRED TO PREPARE AN OFF-SITE DISPOSAL PLAN AND COORDINATE WITH FAA AND CONTRACTING OFFICER ON THE MATERIAL'S TRANSPORT AND DISPOSAL TO AN APPROVED, OFF-SITE FACILITY. ANY CLEAN SOIL REMAINING ON TECHNICAL CENTER PROPERTY MUST BE TRANSPORTED TO A GOVERNMENT STOCKPILE AREA WITHIN 3 AERIAL MILES OF THE PROJECT SITE AND THE CONTRACTOR MUST PROVIDE A BULLDOZER TO BREAK DOWN THE STOCKPILES AFTER DELIVERY. 1

20. CONTRACTOR MUST NOTIFY CONTRACTING OFFICER AND NJ ANG WHEN ALL BURIED UTILITIES ARE BEING INSTALLED PRIOR TO BACKFILLING AND FOR EXISTING UTILITIES THAT ARE UNCOVERED. NJ ANG WILL COORDINATE WITH FAATC SO THAT THE FAATC CAN GPS ALL UTILITIES.

21. ACCESS TO THE STOCKPILE IS RESTRICTED AND REQUIRES A BADGING AND PRESCREENING PROCESS. THIS PROCESS INVOLVES A FEE AND MAY TAKE UP TO FOUR WEEKS. REQUIREMENTS INCLUDE A SUCCESSFUL BACKGROUND CHECK, A REAL ID, AND ONLINE TRAINING. 1

ABBREVIATIONS

&	AND
°	DEGREES
ABA	ARCHITECTURAL BARRIERS ACT
ADA	AMERICANS WITH DISABILITIES ACT
ASTM	AMERICAN SOCIETY FOR TESTING
@	AT
Ø	OUTSIDE DIAMETER
AASHTO	AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS
℄	CENTERLINE
C-C	CENTER TO CENTER
CDB	COMMUNICATIONS DUCT BANK
CF	CUBIC FEET
CONC	CONCRETE
CU	CUBIC
DIA/D	DIAMETER
DR	DRIVE
E	EASTING
EDB	ELECTRICAL DUCT BANK
E.G.	FOR EXAMPLE
EL/ ELEV	ELEVATION
EXP	EXPANSION
F	FIRE PROTECTION
FAA	FEDERAL AVIATION ADMINISTRATION
FFE	FINISHED FLOOR ELEVATION
FO	FUEL OIL
' or FT	FEET
G	GAS
H	HORIZONTAL
HDPE	HIGH DENSITY POLYETHYLENE
H/C	HANDICAP
" or IN	INCHES
INV	INVERT
L	LENGTH
LOC	CONSTRUCTION LIMITS
LOD	LIMITS OF DISTURBANCE
MAX	MAXIMUM
MH	MANHOLE
MIN	MINIMUM
ML	MILLILITER
MM	MILLIMETER
MSL	MEAN SEA LEVEL
MTC	MISSION TRAINING CENTER
MV	MEDIUM VOLTAGE
N	NORTHING
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OLI	OPTIONAL LINE ITEMS
O&M	OPERATION AND MAINTENANCE
OSHA	OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION
PB	PAVEMENT BORING
PE	POLYETHYLENE
PC	POINT OF CURVATURE
PIV	POST INDICATOR VALVE
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PV	PHOTOVOLTAIC
PVC	POLYVINYL CHLORIDE
R	RADIUS
RC	REINFORCED CONCRETE
RCP	REINFORCED CONCRETE PIPE
RD	ROAD
REINF	REINFORCED
ROW	RIGHT OF WAYS
S	SLOPE
SDB	SHIELDED DUCT BANK
SF	SQUARE FEET/SILT FENCE
SQ	SQUARE
STA	STATION
SWM	STORM WATER MANAGEMENT
SY	SQUARE YARD
T	TANGENT
T&B	TOP AND BOTTOM
TEMP	TEMPORARY
TYP	TYPICAL
VAR	VARIABLE
W	DOMESTIC WATER

LEGEND

LEGEND	NEW	EXISTING
LIMITS OF DISTURBANCE	LOD	
CHAIN-LINK FENCE WITH VISION SLATS	X X	
CONSTRUCTION STAGING AREA		
OPTIONAL LINE ITEMS (OLIS) OUTLINE		
POTABLE WATER LINE	W W	W
SANITARY SEWER LINE	SAN	SAN
STORM DRAIN LINE	SD	SD
GAS LINE	G	G
ELECTRICAL DUCTBANK LINE	E	E
COMMUNICATIONS DUCTBANK LINE	COMM	COMM
FIRE PROTECTION LINE	F F	
CHAIN-LINK FENCE WITH VISION SLATS	x x	x x
CONTOUR	59.0	59.0
FLOW ARROW		
FIRE HYDRANT		
ELECTRICAL MANHOLE		E
SANITARY MANHOLE	S	S
SPOT ELEVATION	× 880.000	
TREE		
STORM MANHOLE	D	
STORM INLET	D	
POLE MOUNTED LIGHTS		
GAS VALVE		GV

LEGEND

LEGEND	NEW	EXISTING
CONCRETE		
ASPHALT		
AGGREGATE SURFACE		
BUILDING FOOTPRINT		
SEEDING / NATIVE GRASS		
MECHANICAL YARD (BASE BID)		
MECHANICAL YARD (OPTIONAL LINE ITEMS - OLIS)		
GRAVEL DRIVE FOR FIRE TRUCK ACCESS		
PHASE 1-BASE BID		
PHASE 2-OLI 1		
PHASE 3-OLI 2		
BASE BID DEMOLISH AND REMOVE PAVEMENT SURFACE AND EXISTING FEATURES		
BASE BID CLEAR AND GRUB VEGETATION AND STONE SURFACING		
DEMOLISH PAVEMENT SURFACES, VEGETATION, FENCING, AND RSS PADS. DEMOLISH ALL BUILDING RELATED UTILITIES AND TERMINATE AT CONNECTION TO MAIN.		
OPTIONAL LINE ITEM 1 DEMOLISH AND REMOVE PAVEMENT		
OPTIONAL LINE ITEM 1 DEMOLISH VEGETATION		
OPTIONAL LINE ITEM 2 DEMOLISH ROCK AND VEGETATION		
SIGNAGE		
WATER MANHOLE		W
WATER VALVE		
POST INDICATOR VALVE		
CLEANOUT		
BOLLARD		
BORING LOCATION		

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COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
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05/27/2026
ENGINEER
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177th FIGHTER WING

NEW JERSEY ANG- 177th FW
F-16 Mission Training Center (MTC)
Atlantic City ANG Base
Egg Harbor Township,New Jersey

REVISION HISTORY:

1	ADDENDUM NO. 4	5-27-2026
△	DESCRIPTION	DATE

PROJECT INFORMATION:

DESIGNED BY:	J. PURPURA
DRAWN BY:	A. BESCHNETT
REVIEWED BY:	J. BIRK
PROJECT MANAGER:	D. ADAMS

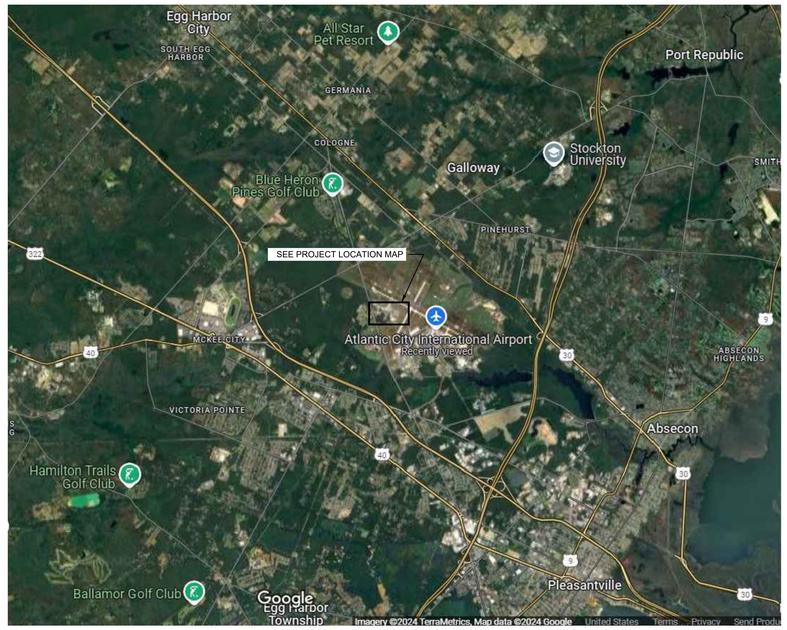
PROJECT NUMBER: 2022-130-00

SHEET TITLE: CIVIL - LEGEND, GENERAL NOTES, AND ABBREVIATIONS

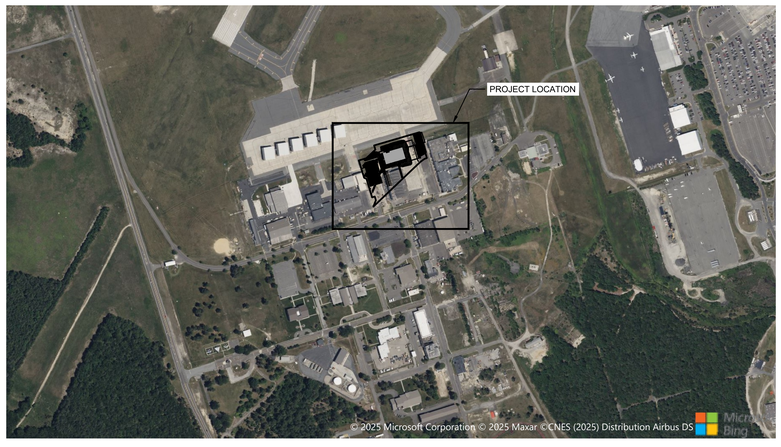
ISSUE DATE: MAY 15, 2025

SHEET NUMBER: C-001

C1 PROJECT SITE LOCATION MAP
SCALE: NTS



C3 PROJECT VICINITY MAP
SCALE: NTS



B1 PROJECT LOCATION MAP
SCALE: NTS

A3 FAA SOIL STOCKPILE LOCATION MAP
SCALE: NTS

1

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PROJECT NUMBER: 2022-130-00
SHEET TITLE: CIVIL - PROJECT LOCATION AND VICINITY MAP
ISSUE DATE: MAY 15, 2025
SHEET NUMBER: GC100