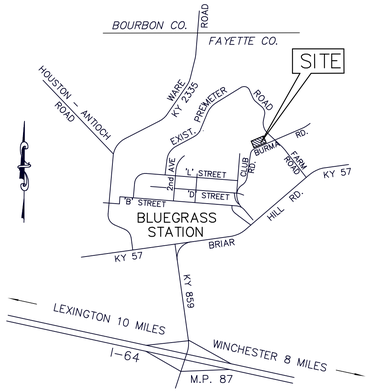


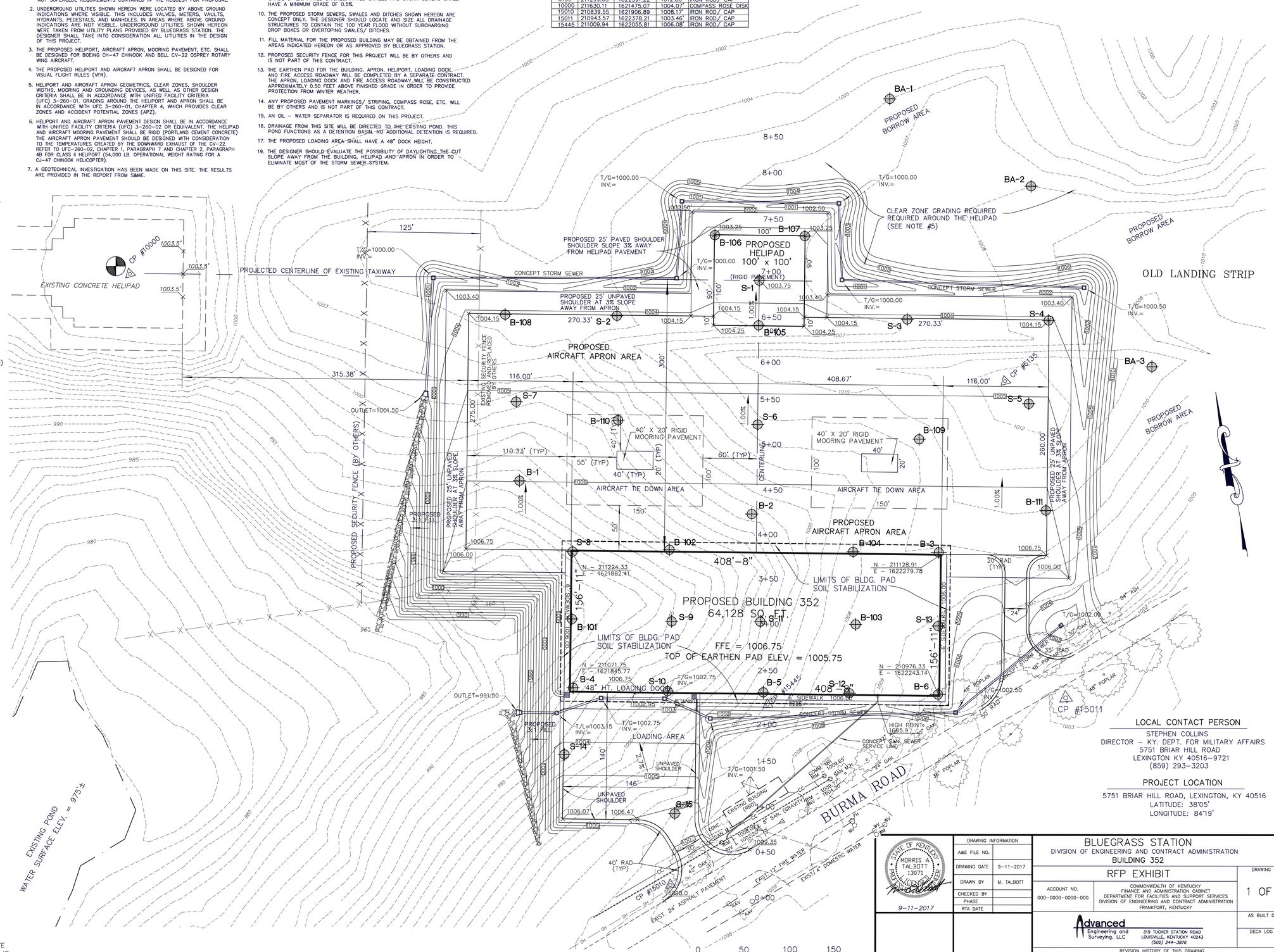
VICINITY MAP
NOT TO SCALE

NOTES

1. THIS IS A TOPOGRAPHIC SURVEY DRAWING SHOWING THE PROPOSED BUILDING, AIRCRAFT APRON, LOADING AREA AND HELIPAD. SWALES, DITCHES, STORM SEWERS AND OTHER ITEMS ARE SHOWN AS "CONCEPT" AND ARE SUBJECT TO FINAL DESIGN. THIS DRAWING MAY BE USED IN CONJUNCTION WITH, BUT NOT SUPERCEDE REQUIREMENTS CONTAINED IN THE REQUEST FOR PROPOSAL.
2. UNDERGROUND UTILITIES SHOWN HEREON WERE LOCATED BY ABOVE GROUND INDICATIONS WHERE VISIBLE. THIS INCLUDES VALVES, METERS, VAULTS, HYDRANTS, PEDESTALS, AND MANHOLES. IN AREAS WHERE ABOVE GROUND INDICATIONS ARE NOT VISIBLE, UNDERGROUND UTILITIES SHOWN HEREON WERE TAKEN FROM UTILITY PLANS PROVIDED BY BLUEGRASS STATION. THE DESIGNER SHALL TAKE INTO CONSIDERATION ALL UTILITIES IN THE DESIGN OF THIS PROJECT.
3. THE PROPOSED HELIPORT, AIRCRAFT APRON, MOORING PAVEMENT, ETC. SHALL BE DESIGNED FOR BOEING CH-47 CHINOOK AND BELL CV-22 OSPREY ROTARY WING AIRCRAFT.
4. THE PROPOSED HELIPORT AND AIRCRAFT APRON SHALL BE DESIGNED FOR VISUAL FLIGHT RULES (VFR).
5. HELIPORT AND AIRCRAFT APRON GEOMETRICS, CLEAR ZONES, SHOULDER WIDTHS, MOORING AND GROUNDING DEVICES, AS WELL AS OTHER DESIGN CRITERIA SHALL BE IN ACCORDANCE WITH UNIFIED FACILITY CRITERIA (UFC) 3-260-01. GRADING AROUND THE HELIPORT AND APRON SHALL BE IN ACCORDANCE WITH UFC 3-260-01, CHAPTER 4, WHICH PROVIDES CLEAR ZONES AND ACCIDENT POTENTIAL ZONES (APZ).
6. HELIPORT AND AIRCRAFT APRON PAVEMENT DESIGN SHALL BE IN ACCORDANCE WITH UNIFIED FACILITY CRITERIA (UFC) 3-260-02 OR EQUIVALENT. THE HELIPAD AND AIRCRAFT MOORING PAVEMENT SHALL BE RIGID (PORTLAND CEMENT CONCRETE) THE AIRCRAFT APRON PAVEMENT SHOULD BE DESIGNED WITH CONSIDERATION TO THE TEMPERATURES CREATED BY THE DOWNWARD EXHAUST OF THE CV-22. REFER TO UFC-260-02, CHAPTER 1, PARAGRAPH 7 AND CHAPTER 2, PARAGRAPH 4B FOR CLASS II HELIPORT (54,000 LB. OPERATIONAL WEIGHT RATING FOR A CJ-47 CHINOOK HELICOPTER).
7. A GEOTECHNICAL INVESTIGATION HAS BEEN MADE ON THIS SITE. THE RESULTS ARE PROVIDED IN THE REPORT FROM S&ME.
8. THIS SURVEY IS BASED ON STATE PLANE COORDINATES, KY NORTH ZONE. NAD 83. ELEVATIONS ARE BASED ON NAVD '88 VERTICAL DATUM.
9. SODDED OR CHANNEL LINED DITCHES AND SWALES SHALL HAVE A MINIMUM GRADE OF 2%. PAVED DITCHES, PAVED SWALES AND STORM SEWERS SHALL HAVE A MINIMUM GRADE OF 0.5%.
10. THE PROPOSED STORM SEWERS, SWALES AND DITCHES SHOWN HEREON ARE CONCEPT ONLY. THE DESIGNER SHOULD LOCATE AND SIZE ALL DRAINAGE STRUCTURES TO CONTAIN THE 100 YEAR FLOOD WITHOUT SURCHARGING DROP BOXES OR OVERTOPING SWALES/ DITCHES.
11. FILL MATERIAL FOR THE PROPOSED BUILDING MAY BE OBTAINED FROM THE AREAS INDICATED HEREON OR AS APPROVED BY BLUEGRASS STATION.
12. PROPOSED SECURITY FENCE FOR THIS PROJECT WILL BE BY OTHERS AND IS NOT PART OF THIS CONTRACT.
13. THE EARTHEN PAD FOR THE BUILDING, APRON, HELIPORT, LOADING DOCK AND FIRE ACCESS ROADWAY WILL BE COMPLETED BY A SEPARATE CONTRACT. THE APRON, LOADING DOCK AND FIRE ACCESS ROADWAY WILL BE CONSTRUCTED APPROXIMATELY 0.50 FEET ABOVE FINISHED GRADE IN ORDER TO PROVIDE PROTECTION FROM WINTER WEATHER.
14. ANY PROPOSED PAVEMENT MARKINGS/ STRIPING, COMPASS ROSE, ETC. WILL BE BY OTHERS AND IS NOT PART OF THIS CONTRACT.
15. AN OIL – WATER SEPARATOR IS REQUIRED ON THIS PROJECT.
16. DRAINAGE FROM THIS SITE WILL BE DIRECTED TO THE EXISTING POND. THIS POND FUNCTIONS AS A DETENTION BASIN. NO ADDITIONAL DETENTION IS REQUIRED.
17. THE PROPOSED LOADING AREA SHALL HAVE A 48" DOCK HEIGHT.
19. THE DESIGNER SHOULD EVALUATE THE POSSIBILITY OF DAYLIGHTING THE CUT SLOPE AWAY FROM THE BUILDING, HELIPAD AND APRON IN ORDER TO ELIMINATE MOST OF THE STORM SEWER SYSTEM.

CONTROL POINT TABLE

CONTROL POINT	NORTHING	EASTING	ELEVATION	DESCRIPTION
6135	211299.63	1622391.22	1012.80'	IRON ROD/ CAP
10000	211630.11	1621475.07	1004.07'	COMPASS ROSE DISK
15010	210839.55	1621906.89	1008.17'	IRON ROD/ CAP
15011	210943.57	1622378.21	1003.46'	IRON ROD/ CAP
15445	211009.94	1622055.81	1006.08'	IRON ROD/ CAP



LEGEND

	BOUNDARY LINE (DEED CALLS)
CP #1	SURVEY CONTROL POINTS
	TEMPORARY BENCHMARK
100	EXISTING CONTOUR (FIELD DETERMINED)
100	EXISTING CONTOUR (BY AERIAL SURVEY, UNCHECKED)
	EXISTING UTILITY POLE
	EXISTING LIGHT STANDARD
T	EXISTING OVERHEAD TELECOMM.
G	EXISTING GAS LINE
OH	EXISTING OVERHEAD ELECTRIC UTILITIES LINE
UGE	EXISTING UNDERGROUND ELECTRIC LINE
UGT	EXISTING WATER LINE
FIRE	EXISTING FIRE WATER LINE
DOM	EXISTING DOMESTIC WATER LINE
W.V.	EXISTING WATER VALVE
W.M.	EXISTING WATER METER
G.M.	EXISTING GAS METER
X	EXISTING CHAIN LINK SECURITY FENCE
	PROPOSED CHAIN LINK SECURITY FENCE
700.0'	SPOT ELEVATION – FINISHED ELEVATION
1000.75	SPOT ELEVATION – FINISHED PAD ELEVATION
SAN M.H.	EXISTING SANITARY SEWER MANHOLE
STORM M.H.	EXISTING STORM SEWER MANHOLE
C.O.	EXISTING SEWER CLEAN OUT POINT
F H	EXISTING FIRE HYDRANT
	EXISTING UTILITY MARKER (TYPE NOTED)
	EXISTING GUY AND ANCHOR
	BROKEN LINES (NOT TO SCALE)
8" SAN.	EXISTING SEWER (TYPE NOTED)
	PROPOSED SWALE (CONCEPT)
	EXISTING TREE LINE
(DND)	DO NOT DISTURB
(RBO)	TO BE REMOVED BY OTHERS
(ABD)	ABANDONED
(RAR)	REMOVE AS REQUIRED
(TYP)	TYPICAL TO OTHER PARTS OF DRAWING
B-1	SOIL BORING LOCATION/ NUMBER
	AREA OF PROPOSED SOIL STABILIZATION
	PROPOSED CRUSHED STONE RIP RAP

UNDERGROUND UTILITIES WERE LOCATED VISUALLY IN THE FIELD OR FROM BGS MAPPING RECORDS AND ARE APPROXIMATE ONLY. ALL UTILITIES CLOSE TO THE PROPOSED BUILDING SHOULD BE VERIFIED PRIOR TO FINAL DESIGN.

BEFORE YOU DIG

THE LOCATION OF UNDERGROUND UTILITIES SHOWN ON THESE PLANS ARE APPROXIMATE ONLY. SOME UTILITIES MAY NOT BE SHOWN. PRIOR TO CONSTRUCTION THE CONTRACTOR SHOULD CONTACT THE UTILITY PROTECTION CENTER FOR THE ACCURATE LOCATION OF THE UNDERGROUND UTILITIES. THE CONTRACTOR IS REQUIRED TO GIVE AT LEAST 48 HOURS NOTICE PRIOR TO EX-CAVATION WORK. THE UNDERGROUND PROTECTION CENTER CAN REACHED BY CALLING 1-800-752-6007 OR BY CALLING 811.

LOCAL CONTACT PERSON

STEPHEN COLLINS
DIRECTOR – KY. DEPT. FOR MILITARY AFFAIRS
5751 BRIAR HILL ROAD
LEXINGTON KY 40516-9721
(859) 293-3203

PROJECT LOCATION

5751 BRIAR HILL ROAD, LEXINGTON, KY 40516
LATITUDE: 38°05'
LONGITUDE: 84°19'

STATE OF KENTUCKY
MORRIS A. TALBOTT
13071
PROFESSIONAL ENGINEER
9-11-2017

DRAWING INFORMATION	
A&E FILE NO.	
DRAWING DATE	9-11-2017
DRAWN BY	M. TALBOTT
CHECKED BY	
PHASE	
RTA DATE	

BLUEGRASS STATION

DIVISION OF ENGINEERING AND CONTRACT ADMINISTRATION
BUILDING 352

RFP EXHIBIT

DRAWING NO. 1 OF 1

ACCOUNT NO. 000-0000-0000-000

COMMONWEALTH OF KENTUCKY
FINANCE AND ADMINISTRATION CABINET
DEPARTMENT FOR FACILITIES AND SUPPORT SERVICES
DIVISION OF ENGINEERING AND CONTRACT ADMINISTRATION
FRANKFORT, KENTUCKY

AS BUILT DATE
DECA LOG #

Advanced Engineering and Surveying, LLC
319 TUCKER STATION ROAD
LOUISVILLE, KENTUCKY 40243
(502) 244-3876

REVISION HISTORY OF THIS DRAWING

	DESCRIPTION OF REVISIONS	DATE		DESCRIPTION OF REVISIONS	DATE
1			5		
2			6		
3			7		
4			8		

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