

# FINDING OF NO SIGNIFICANT IMPACT

## ENVIRONMENTAL ASSESSMENT

QUEF 03-0020, ADD TO CES DET1 BLDG. 600, MORGANTOWN, WV  
101 HART FIELD ROAD, MORGANTOWN, WV 26505

**QUEF 03-0020**

**ADD TO CES DET1 BLDG. 600, MORGANTOWN, WV**

Agency: United States Air Force, Air Force Reserve Command

**101 HART FIELD ROAD, MORGANTOWN, WV 26505**

**Background:** Under the National Environmental Policy Act, the Council on Environmental Quality regulations implementing the Act (40 CFR 1500-1508), Department of Defense Directive 6050.1, 32 CFR 199, *Environmental Impact Analysis*, and other applicable Federal, state, and local regulations, the United States Air Force has conducted an assessment of the Proposed Action.



**Proposed Action:** The Proposed Action is the construction of a new building to be used as a training facility for the 911th Airlift Wing. The building will be located on the existing site of the old building. The building will be used for training and other activities. The building will be used for training and other activities. The building will be used for training and other activities.

**Summary of Findings:** The Environmental Assessment identified and evaluated potential impacts to the following resources: air quality, water resources, biological resources, and cultural resources. The potential impacts were evaluated against the following criteria:

**911<sup>th</sup> AIRLIFT WING  
AIR FORCE RESERVE COMMAND**

**Pittsburgh International Airport Air Reserve Station  
Coraopolis, PA 15108-4421**

**Key Findings:** With the implementation of the Proposed Action, a small amount of surface water would be disturbed in constructing the 911<sup>th</sup> Airlift Wing. During construction of the Proposed Action, measures to properly develop and implement erosion control measures, which will be specified on the design drawings, will prevent any significant impacts to the site. During operation of the facility under the Proposed Action, the site will not be impacted. Since the Proposed Action includes construction of a tank and a float drain to the sanitary sewer system in the garage addition that will be used for vehicle storage, the potential for impacts to the sanitary sewer system is minimal. However, if proper procedures are established and all sanitary discharges are properly maintained, the impact would be minimal. The National Environmental Policy Act of 1969 requires that the Proposed Action be prepared in accordance with 32 CFR 199. In compliance with The National Environmental Policy Act of 1969

Prepared by: 911AW/MSG/CEV  
RCS: CE 02-09

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**Agency:** United States Air Force, Air Force Reserve Command

**Background:** Under the National Environmental Policy Act, the Council on Environmental Quality regulations implementing the Act (40 CFR 1500-1508), Department of Defense Directive 6050.1, 32 CFR 989, *Environmental Impact Analysis Process*, which implements these regulations, and other applicable Federal, state, and local regulations and Air Force policies, the United States Air Force has conducted an assessment of the Proposed Action *QUEF 03-0020, ADD TO CES DET1 BLDG. 600, MORGANTOWN, WV*.

**Proposed Action:** The Proposed Action is to construct a garage addition to the Morgantown CES DET1, Building 600 to provide for vehicle storage and sufficient space required for formations, training, and other activities where all unit members will assemble. The garage addition is needed since the area that was used for a garage and unit assembly is no longer available. Presently, there is no area large enough to be used for these functions. The facility was constructed in 1988 and has received no major improvements since. Unit members are now forced to assemble outdoors in inclement weather. Under the No Action Alternative, the existing facility would continue to be operated without the garage addition.

**Summary of Findings:** This Environmental Assessment identified and evaluated potential impacts to the following resources: air quality, water resources, biological resources, and cultural resources. The potential impacts assessed are summarized below.

**Air Quality:** No significant increase in air emissions is expected as a result of the construction or operation under the Proposed Action. Since the Proposed Action is located in an attainment area, a Conformity Determination is not required. Under the No Action Alternative, the garage addition would not be constructed, and no additional air emissions would occur.

**Water Resources:** With the implementation of the Proposed Action, a small amount of surface soils would be disturbed in constructing the 575 ft<sup>2</sup> garage addition. During construction of the Proposed Action, adherence to properly developed Erosion and Sedimentation Control measures, which will be specified on the design drawings, will prevent any significant impact to site storm water. During operation of the facilities under the Proposed Action, site storm water will not be impacted. Since the Proposed Action includes connecting a sink and a floor drain to the sanitary sewer system in the garage addition that will be used for vehicle storage, the potential exists for oils, greases, and other fluids from vehicles entering the sanitary sewer exceeding the Morgantown Utility Board regulations and discharge restrictions. However, if proper procedures are established and adhered to and the vehicles are properly maintained, the impact would be minimal. The No Action Alternative would allow the existing facility to be operated with no impact on water resources.

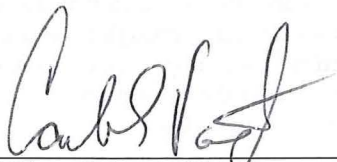
**Biological Resources:** Since a Natural Resources plan for the Morgantown CES DET1 site has not been prepared, biological resources were evaluated in this Environmental Assessment. Threatened and endangered species, as specified by the West Virginia Department of Natural Resources, were evaluated for



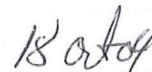
potential impacts. The 911<sup>th</sup> Airlift Wing contacted the West Virginia Division of Natural Resources (WVDNR), Wildlife Resources Section located in Elkins, West Virginia to determine if there are any records or surveys of any rare, threatened and endangered species (RTE). Based on the review of RTE by the WVDNR, and consideration of the location and present land use (grass and landscape) of the Proposed Action, and evaluation of the natural habitats of the RTE on the WVDNR website, there should not be an impact to threatened or endangered species. In addition, there is no impact on wetlands or floodplains. Under the No Action Alternative, the garage addition would not be constructed, and biological resources would not be impacted.

Cultural Resources: Since a Cultural Resources plan for the Morgantown CES DET1 site has not been prepared, cultural resources were evaluated in this Environmental Assessment. There are no architectural resources on the Proposed Action site, since there were no buildings existing on the site until 1988, which is the year the original building was constructed. If any archaeological resources are discovered during construction, work will be stopped or redirected and established procedures will be followed to prevent archaeological resources from being compromised. Under the No Action Alternative, the garage addition would not be constructed, and cultural resources would not be impacted.

**Finding of No Significant Impact:** Based on review of the facts and analysis contained in this Environmental Assessment, it is concluded that the Proposed Action will result in No Significant Impact. Accordingly, the requirements of the National Environmental Policy Act regulations promulgated by the President's Council on Environmental Quality and 32 CFR 989 are fulfilled. An Environmental Impact Statement is not required and will not be prepared for this Proposed Action and No Action alternative.



Carl Vogt, Colonel, USAFR  
Chairperson, Environmental Protection Committee  
Commander, 911 Airlift Wing



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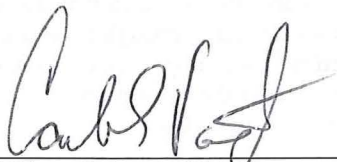
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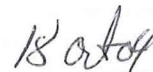
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Carl Vogt, Colonel, USAFR  
Chairperson, Environmental Protection Committee  
Commander, 911 Airlift Wing



Date

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## **1.0 PURPOSE AND NEED FOR ACTION**

### **1.1 PURPOSE**

The purpose of this action is to construct a garage addition to the Morgantown CES DET1, Building 600 to provide for vehicle storage and sufficient space required for formations, training, and other activities where all unit members will assemble. See Reference [1] for an aerial photograph showing the location of the Proposed Action site.

### **1.2 NEED**

The garage addition is needed since the area that was used for a garage and unit assembly is no longer available. The area is currently being used to store equipment and supplies needed for the detachment mission. Presently, there is no area large enough to be used for these functions. The facility was constructed in 1988 and has received no major improvements since. Unit members are now forced to assemble outdoors in inclement weather.

### **1.3 DECISION TO BE MADE**

The decision to be made is whether or not to construct the garage addition to the Morgantown CES DET1, Building 600 or to maintain the current facilities.

### **1.4 SCOPE OF THE ENVIRONMENTAL ANALYSIS**

#### **1.4.1 Relevant Environmental Issues**

Environmental issues considered relevant in the analysis of the Proposed Action are the impacts upon air quality, water resources, biological, and cultural resources. The important issues for each area are listed as follows.

**Air Quality:** Air emissions produced as a result of construction activities at the new facilities may have an effect on the local air quality.

**Water Resources:** Erosion of site soils as a result of construction activities may have an impact on local water quality. Connections to the sanitary sewer system may impact this resource.

**Biological Resources:** Biological resources need to be evaluated, since an Integrated Natural Resources Management plan has not been prepared for the Morgantown CES DET1, Building 600 site.

**Cultural Resources:** Cultural resources need to be evaluated, since the existing 911<sup>th</sup> Airlift Wing Cultural Resources Plan does not address the Morgantown CES DET1, Building 600 site.

#### **1.4.2 Non-Relevant Environmental Issues**

Environmental issues considered non-relevant in the analysis of the Proposed Action are the impacts on noise and land use, safety and occupational health, hazardous materials/waste, geology and soils, and socioeconomic factors. Because these impacts are considered negligible, they are not addressed further in this Environmental Assessment. A brief explanation of why these issues are considered non-relevant is listed as follows.

**Air Installation Compatible Use Zone/Land Use:** Noise impacts, associated with construction vehicles from the Proposed Action, would be minimal and temporary. The current land use classification would remain unchanged as a result of the Proposed Action.

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**Safety and Occupational Health:** There is no safety or occupational health issue associated with either the construction or the operation of the Proposed Action. The construction will be in accordance with all OSHA regulations. Any asbestos or lead based paint concerns shall be identified and evaluated prior to construction.

**Hazardous Material/Waste:** The only hazardous materials/waste used or generated under the Proposed Action is possibly during construction activities. Any material used during or wastes generated from construction will be handled appropriately per pertinent regulations. No additional hazardous materials use or waste generation is anticipated during the operation of the Proposed Action.

**Geology and Soils:** No major change in topography or land use will occur at the site as a result of the Proposed Action. Therefore, the overall impact on the geology and soils due to the Proposed Action would be negligible.

**Socioeconomic:** The Morgantown Civil Engineering Squadron Detachment 1 (CES DET1), Building 600 is a training facility that employs approximately 55 civilian and military reservists, most of who are from the local area. An Architect/Engineer is contracted to perform the design of the Proposed Action. The Proposed Action will be constructed using Reserves as training for the CES DET1. There will be no increase in personnel manning levels or resulting permanent impact on socioeconomic factors from the Proposed Action. The effect on the local economy, if any, would be minimal.

**Other:** Morgantown CES DET1, Building 600 was constructed in 1988 over an old coal mine. The original design included provisions for a future addition to be built. As a result, grout columns were installed as ground stabilization for Bldg. 600 and for a future new addition as part of the original construction.

## **2.0 DESCRIPTION OF PROPOSED ACTION AND ALTERNATIVES**

### **2.1 PROPOSED ACTION**

The Proposed Action is to construct a 575 square foot (SF) garage addition to the northeast side of the Morgantown CES DET1, Building 600. See Reference [2] which has 6 pictures of the existing building and surrounding area. This facility is located on .75 acre, situated in close proximity to the Morgantown Municipal Airport. The site will be excavated and a concrete foundation constructed. The walls will be split face concrete block to match existing building construction with metal panel fascia to complete the exterior walls. An overhead roll-up door will be installed in the east wall of the addition and a steel man-door installed on the north wall. The existing building domestic water service will be connected to a shop sink and a floor drain to the existing sanitary sewer system. A fire sprinkler system will be connected to the existing sprinkler system. Electrical power service will be provided from the existing buildings main distribution panel and will supply electrical power for wall receptacles and lights. Ceiling mounted, natural gas, unit heaters will be connected to the existing building gas service. A concrete driveway to allow vehicle access will be constructed along with a concrete slab at the man door. A detailed description of the scope of work for the Proposed Action is included in the DD Form 1391 for the subject project. See Reference [3]. The Proposed Action will be accomplished as training for the CES using Reserve personnel. The project is scheduled to be designed in FY04 and constructed in FY05.

### **2.2 ALTERNATIVE (NO ACTION)**

The No Action alternative is to continue to use the existing facility without providing a garage addition. The current facility deficiencies would remain. If the addition is not provided, unit members will be forced to assemble outdoors in inclement weather and no vehicle storage area will exist. Work inefficiency and lowered morale will continue to exist as a result.



There are no other reasonable alternatives to consider other than the Proposed Action and the No Action alternative. Work space in the existing facility is already limited, so it is not feasible to alter any of the existing areas to satisfy the need requirements for an area to be used for a garage and unit assembly.

### **3.0 AFFECTED ENVIRONMENT**

The following describes the baseline condition of the affected environment areas involved in the Proposed Action. Effects on each Environmental area for both the Proposed Action and the No Action alternative are discussed in the corresponding subsections of section 4.0, Environmental Consequences.

#### **3.1 AIR QUALITY**

The Morgantown CES DET1, Building 600 site is located in the North Central West Virginia Air Quality Control Region and is regulated by the West Virginia Department of Environmental Protection, Division of Air Quality. Monongalia County, where the site of the Proposed Action is located, is designated as a current attainment area for criteria pollutants per the EPA's Greenbook so a Conformity Determination is not required.

#### **3.2 WATER RESOURCES**

The Morgantown CES DET1, Building 600 site is regulated by the West Virginia Department of Environmental Protection, Division of Water Resources. The building is located within the Monongahela River watershed area. The local watershed includes the Monongahela River, Decker's Creek, Burrough's Run, Poponoe Run, and smaller streams. The streams and creeks eventually flow into the Monongahela River. Hartman Run, a tributary to Decker's Creek which eventually flows into the Monongahela River, is located approximately 0.1 mile west of the site of the Proposed Action. Storm water runoff from the site is not regulated under a permit since there are no point source discharges.

The sanitary sewer system collects sanitary waste that empties into the Morgantown Utility Board municipal water and sewer utility treatment plant where it is treated to comply with state and local discharge standards. The Morgantown CES DET1, Building 600 facility is considered a user of the sanitary sewer system, and therefore complies with the Morgantown Utility Board regulations and discharge restrictions.

The West Virginia Department of Environmental Protection, Division of Water Resources, developed and issued the West Virginia National Pollutant Discharge Elimination System General Water Pollution Control Permit, Permit No. WV0115924, to regulate sediment laden storm water flowing into the waters of West Virginia from discharges associated with construction activities. This General Permit became effective on December 5, 2002 and will expire on December 4, 2007. Any person proposing a construction activity, three (3) acres or greater of land disturbance in size, shall submit a site registration application form 45 days prior to commencing the operation. For projects that will disturb between 1 acre and less than 3 acres, the responsible party must submit a Notice of Intent (NOI) at least 10 days prior to starting earth disturbing activities.

#### **3.3 BIOLOGICAL RESOURCES**

Biological resources include native or naturalized plants and animals, and their habitats, such as wetlands, forests, and grasslands, in which they exist. Sensitive and protected biological resources include plant and animal species as threatened or endangered by the United States Fish and Wildlife Service. The West Virginia Department of Natural Resources manages these areas.

An Integrated Natural Resources Management plan has not been prepared for the Morgantown CES DET1, Building 600 site.

### 3.3.1 THREATENED OR ENDANGERED SPECIES

The West Virginia Division of Natural Resources lists the following threatened species in West Virginia on their website <http://www.dnr.state.wv.us/wvwildlife/endangered.htm>:

Peregrine falcon, Virginia big-eared bat, Indiana bat, Gray bat, West Virginia northern flying squirrel, Eastern cougar, Pink mucket pearly mussel, Tuberculed-blossom pearly mussel, James spinymussel, Fanshell, Northern riffleshell, Clubshell, Shale barren rockcress, Running buffalo cover, Harperella, and the Northeastern bullrush.

The West Virginia Division of Natural Resources list the following endangered species in West Virginia:

Bald eagle, Flat-spined three-toothed land snail, and the Cheat Mountain salamander.

These species are determined to be threatened or endangered by the United States Fish and Wildlife Service and are protected under the Federal Endangered Species Act.

### 3.3.2 WETLANDS AND FLOODPLAINS

Wetlands generally include swamps, bogs, and similar areas such as troughs, mud flats and natural ponds. These areas are inundated by surface or ground water with a frequency sufficient to support prevalence of vegetative or aquatic life that requires saturated or seasonally saturated soil conditions for growth and reproduction.

Flood plains are areas of low-level ground present along a river or stream channel that are susceptible to flooding. A 100-year flood plain is an area subject to inundation by a flood that has a 1% or greater chance of being equaled or exceeded during any given year.

## 3.4 CULTURAL RESOURCES

Cultural resources are defined by the National Historic Preservation Act as prehistoric and historic sites, structures, districts, or any other physical evidence of human activity considered important to a culture, a subculture, or a community for scientific, traditional, religious, or any other reason. Cultural resources are subdivided into *archaeological resources* (prehistoric or historic sites where activity has left physical evidence of that activity but no structures remain standing) or *architectural resources* (buildings or other structures or groups of structures that are of historic or aesthetic significance).

*Archaeological* resources comprise areas where human activity has measurably altered the earth or deposits of physical remains are found (e.g. arrowhead and bottles).

*Architectural* resources include standing buildings, bridges, dams and other structures of historic or aesthetic significance. Generally architectural resources must be more than 50 years old to be considered for the National Register.

The existing 911<sup>th</sup> Airlift Wing Cultural Resources Plan does not address the Morgantown CES DET1, Building 600 site.

## 4.0 ENVIRONMENTAL CONSEQUENCES

### 4.1 AIR QUALITY



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**Proposed Action**

A small amount of new air emissions may be produced as a result of two items resulting from the Proposed Action. The facility construction operations (i.e. vehicle emissions, excavation, etc.) will produce some air emissions during the construction period. Emissions produced from the construction will be for a limited time only and stop upon completion of the project. Additional emissions will be produced from installed ceiling mounted natural gas unit heaters, which will be connected to the existing building gas service. Neither of these emissions is significant. There will not be any new emissions resulting from the operation of the Proposed Action.

Air Conformity Applicability was evaluated. Since Morgantown CES DET1, Building 600 is located in Monongalia County, which is designated as an attainment area for criteria pollutants per the EPA's Greenbook, the Proposed Action is exempted from any further Conformity Determination.

**No Action Alternative**

Under the No Action Alternative, no new air emissions would be introduced and current emission levels would be unaffected.

**4.2 WATER RESOURCES**

**Proposed Action**

The Proposed Action is to construct a 575 square foot (SF) garage addition to the northeast side of the Morgantown CES DET1, Building 600. The disturbed earth for the Proposed Action is estimated 1200 SF. Since this area is less than 1 acre (43,560 SF), a Notice of Intent (NOI) is not required to be filed with the West Virginia Department of Environmental Protection, Division of Water Resources. In addition, the West Virginia National Pollutant Discharge Elimination System General Water Pollution Control Permit, Permit No. WV0115924, does not apply.

Erosion and Sedimentation Control measures will be included in the design on the construction drawings and implemented to ensure that Best Management Practices are followed to prevent impacts on storm water due to disturbance of the site soils under the Proposed Action.

Since the Proposed Action includes connecting a sink and a floor drain to the sanitary sewer system in the garage addition that will be used for vehicle storage, the potential exists for oils, greases, and other fluids from vehicles entering the sanitary sewer exceeding the Morgantown Utility Board sanitary sewer regulations and discharge restrictions. However, if proper discharge management procedures are established and adhered to and the vehicles are properly maintained, the impact would be minimal.

**No Action Alternative**

Under the No Action Alternative, no new facilities would be introduced and the current water resources would remain unchanged.

**4.3 BIOLOGICAL RESOURCES**

**4.3.1 THREATENED OR ENDANGERED SPECIES**

**Proposed Action and No Action Alternative**

The site for the Proposed Action consists of mainly grass and landscape area in an industrial setting located next to the Morgantown Municipal Airport. This developed area surrounding the Proposed Action limits habitat availability for wildlife. The habitats of the threatened or endangered species were evaluated for all



the threatened or endangered species listed by the West Virginia Department of Natural Resources. Considering the location and the present land use (grass and landscape) of the Proposed Action, none of the threatened or endangered species would inhabit this area normally. For example, the Virginia Big-Eared bats, Indiana Myotis bats, and Gray bats only inhabit caves. The Northern flying squirrels only inhabit hardwood forests. The freshwater mussels inhabit the bottoms of streams and rivers. Harparellas grows in wet soils next to bodies of waters. The Cheat Mountain salamander is found in forests.

The 911<sup>th</sup> Airlift Wing contacted the West Virginia Division of Natural Resources (WVDNR), Wildlife Resources Section located in Elkins, West Virginia to determine if there are any records or surveys of any rare, threatened and endangered species (RTE) for the Proposed Action site. The WVDNR did not have any known records of any RTE species for the area of the Proposed Action site but further qualified that no surveys have been conducted in this area for rare species or rare species habitat. See Reference [4].

Based on the review of RTE by the WVDNR, and consideration of the location and present land use (grass and landscape) of the Proposed Action, and evaluation of the natural habitats of the RTE on the WVDNR website, there should not be an impact to threatened or endangered species.

#### **4.3.2 WETLANDS AND FLOODPLAINS**

##### **Proposed Action and No Action Alternative**

The Morgantown CES DET1, Building 600 site is well drained, located in a relatively high topographical area, not located in close proximity to any rivers, streams, marshes, swamps, and similar areas. The closest stream to the site of the Proposed Action is Hartman Run, which is a small tributary to Decker's Creek. Hartman Run is located approximately 0.1 mile to the West and approximately 100 feet elevation difference lower than the Proposed Action site per the Morgantown North, WV Quadrangle 7.5 minute topographical map dated 1994 obtained from the United States Geological Survey (USGS). See Reference [5]. In addition, the Flood Insurance Rate Map (FIRM) index for the City of Morgantown, West Virginia obtained from the Federal Emergency Management Agency (FEMA) confirms the Proposed Action site not being in a flood area. See Reference [6]. The location of the Proposed Action site is in panel 540141 0002D, which is not currently printed by FEMA. However, the index indicates there are No Special Flood Hazard Areas. Based on this information, the Proposed Action does not impact wetlands or floodplains.

#### **4.4 CULTURAL RESOURCES**

##### **Proposed Action**

A Cultural Resources plan for the 911th Airlift Wing site has been prepared, but this plan does not address the Morgantown CES DET1, Building 600 site. There are no architectural resources on the Proposed Action site, since there were no buildings existing on this site until 1988, which the original building was constructed. Archaeological resources have not been surveyed to date.

Potential impacts to archaeological resources may occur during ground disturbance associated with construction of the building and landscaping. If unanticipated discoveries occur during construction or landscaping, work will be stopped or redirected to prevent archaeological resources from being compromised, the Cultural Resources Manager will be notified, and established procedures will be followed in accordance with AFI 32-7065.

##### **No Action Alternative**

Under the No Action Alternative, no Cultural Resources will be affected.

#### **4.5 CUMULATIVE IMPACTS**

Since the Morgantown CES DET1, Building 600 is situated on only .75 acre of ground which is currently developed, the potential for cumulative impacts at the Proposed Action site is very low.

#### **4.6 IRREVERSIBLE & IRRETRIEVABLE COMMITMENTS OF RESOURCES**

Irreversible and irretreivable resource commitments are related to both the use of nonrenewable resources and the effects of the use these resources would have on future generations. Neither the Proposed Action nor the No Action Alternative would result in any irreversible or irretreivable commitments of resources.

## **5.0 LIST OF PREPARERS AND PERSONS CONSULTED**

This Environmental Assessment was prepared by the 911th Airlift Wing, Civil Engineering Environmental Office. The following personnel prepared this Environmental Assessment:

Mr. Frank Sniezek  
Environmental Engineer  
911 AW/MSG/CEVE  
911 Airlift Wing, Pittsburgh IAP ARS  
Coraopolis, Pennsylvania 15108-4421

The following personnel were consulted and contributed to the preparation of this document.

Ms. Francine Vollmer  
Chief, Environmental Flight  
911 AW/MSG/CEV  
911 Airlift Wing, Pittsburgh IAP ARS  
Coraopolis, Pennsylvania 15108-4421

Mr. John Arin  
Chief, Engineering Flight  
911 AW/MSG/CEC  
911 Airlift Wing, Pittsburgh IAP ARS  
Coraopolis, Pennsylvania 15108-4421

Mr. David Kattler  
General Engineer  
911 AW/MSG/CECE  
911 Airlift Wing, Pittsburgh IAP ARS  
Coraopolis, Pennsylvania 15108-4421

Mr. Joseph Matis  
Environmental Engineer  
911 AW/MSG/CEVE  
911 Airlift Wing, Pittsburgh IAP ARS  
Coraopolis, Pennsylvania 15108-4421

Capt. Kevin Swisher  
911 AW/MSG/CES  
911 Airlift Wing, Pittsburgh IAP ARS  
Coraopolis, Pennsylvania 15108-4421



## **6.0 REFERENCES**

- [1] Aerial photograph of Proposed Action site
- [2] Pictures of Morgantown CES DET1 building and surrounding area
- [3] DD Form 1391, FY2003 Military Construction Project Data, *Pittsburgh IAP ARS (AFRC)*, Coraopolis, PA, *Project QUEF 03-0020, Add to CES DET 1 Bldg 600, Morgantown, WV*, 25 Mar 2002
- [4] Letter from the Division of Natural Resources, Wildlife Resources Section to the Department of the Air Force, 911th Airlift Wing/CE dated May 28, 2004
- [5] Section of 1994 Morgantown, WV North Quadrangle topographical map, 7.5 minute series, produced by the United States Geological Survey
- [6] Flood Insurance Rate Map Index for City of Morgantown, West Virginia dated October 18, 1995 obtained from the Federal Emergency Management Agency



*MORGANTOWN, WV CES DET1 BUILDING 600*



*MORGANTOWN, WV MUNICIPAL AIRPORT*

*REFERENCE 1*





Morgantown, WV CES DET1 Building 600



Morgantown, WV Municipal Airport



Location of proposed garage addition to Morgantown CES DET1 Building 600





Location of proposed garage addition to Morgantown CES DET1 Building 600





Location of proposed garage addition to Morgantown CES DET1 Building 600





Location of proposed garage addition to Morgantown CES DET1 Building 600





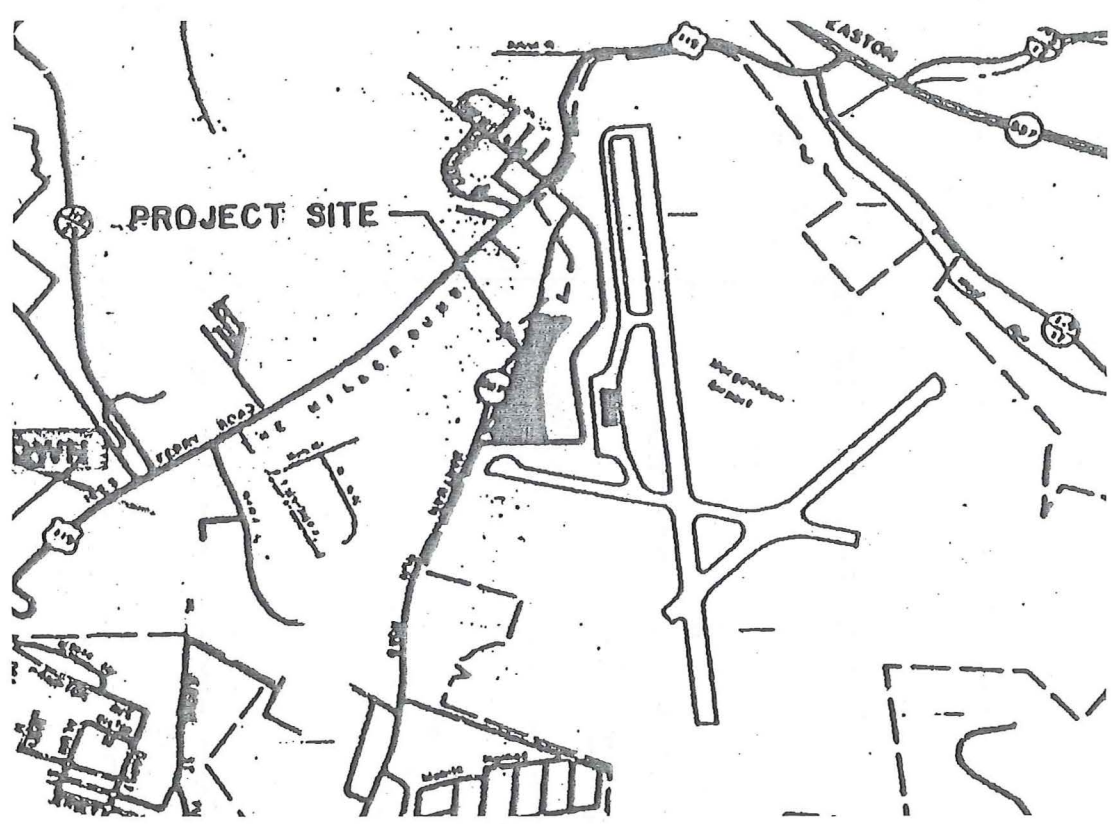
Location of proposed garage addition to Morgantown CES DET1 Building 600



|   |                             |  |  |           |                 |
|---|-----------------------------|--|--|-----------|-----------------|
| 1. COMPONENT<br>USAFR   |                             | FY 2003 MILITARY CONSTRUCTION PROJECT DATA |  | 2. DATE   |                 |
| 3. INSTALLATION AND LOCATION<br>PITTSBURGH IAP ARS (AFRC)<br>CORAOPOLIS, PA 15108-4421  |                             |  | 4. PROJECT TITLE<br>ADD TO CES DET 1 BLDG 600,<br>MORGANTOWN W.VA. |           |                 |
| 5. PROGRAM ELEMENT<br>52576F  | 6. CATEGORY CODE<br>171-443 | 7. PROJECT NUMBER<br>QUEF 03-0020 R1       | 8. PROJECT COST (\$000)<br>EEIC 529 = 50.5                         |           |                 |
| 9. COST ESTIMATES   |                             |  |  |           |                 |
| ITEM  |                             | U/M  | QUANTITY   | UNIT COST | COST<br>(\$000) |
| <b>ADD TO MORGANTOWN DET 1 BLDG 600</b>   |                             |  |  |           |                 |
| FUNDED COSTS  |                             |  |  |           |                 |
| MATERIALS   |                             | LS   | ---  | ---       | 42.0            |
| EQUIPMENT RENTAL  |                             | LS   | ---  | ---       | 8.5             |
| <b>TOTAL FUNDED COST</b>  |                             |  | ---  | ---       | 50.5            |
| UNFUNDED COSTS  |                             |  |  |           |                 |
| TROOP LABOR ITEM  |                             | MH   | 454  | 24.38     | 11.1            |
| DESIGN (A-E DESIGN 14%)   |                             |  |  |           | 8.6             |
| <b>TOTAL UNFUNDED COST</b>  |                             |  |  |           | 19.7            |
| <b>TOTAL PROJECT COST</b>   |                             |  |  |           | 70.2            |
| <b>10. DESCRIPTION OF PROPOSED WORK:</b><br>Construct a 575 SF addition to the North East side of the existing building to provide a Garage area. Excavate the site, construct a concrete foundation, concrete floor slab on grade, split face concrete block walls to match existing building construction, steel roof joists with a standing seam metal roof. The split face concrete block will provide the exterior wall finish and a metal panel fascia will complete the exterior walls. Install an overhead roll-up door in the East wall of the addition and a steel man-door on the North wall. Interior finishes will be metal wall studs with moisture resistant drywall and paint, a concrete floor, and an open ceiling with fluorescent lights. Extend the existing building domestic water service to a shop sink and connect this sink and a floor drain to the existing sanitary sewer. A wet-pipe Fire Sprinkler system will be installed and connected to the existing buildings sprinkler system. Electrical service will be provided from the existing buildings Main Distribution Panel and will supply electrical power for wall receptacles, lights, etc. Install an exit sign at personnel door. Install ceiling mounted, natural gas, unit heaters connected to the existing building gas service. Construct a concrete driveway to allow vehicle access and a concrete slab and side walk at the man door. |                             |  |  |           |                 |
| <b>11. PROJECT:</b> Add to the existing Civil Engineering Training Center Building.<br><b>REQUIREMENT:</b> Sufficient space is necessary for formations and other activities where all unit members assemble and also for vehicle storage.<br><br><b>CURRENT SITUATION:</b> Due to changes to the existing building interior the area that was used for a garage and unit assembly is no longer available. Presently there is no area large enough to be used for these functions. The facility was constructed in 1988 and has received no major improvements since.<br><b>IMPACT IF NOT PROVIDED:</b> If the addition is not provided unit members will be forced to assemble outdoors in inclement weather and no vehicle storage area will exist. Work inefficiency and lowered morale will continue to exist.  |                             |  |  |           |                 |

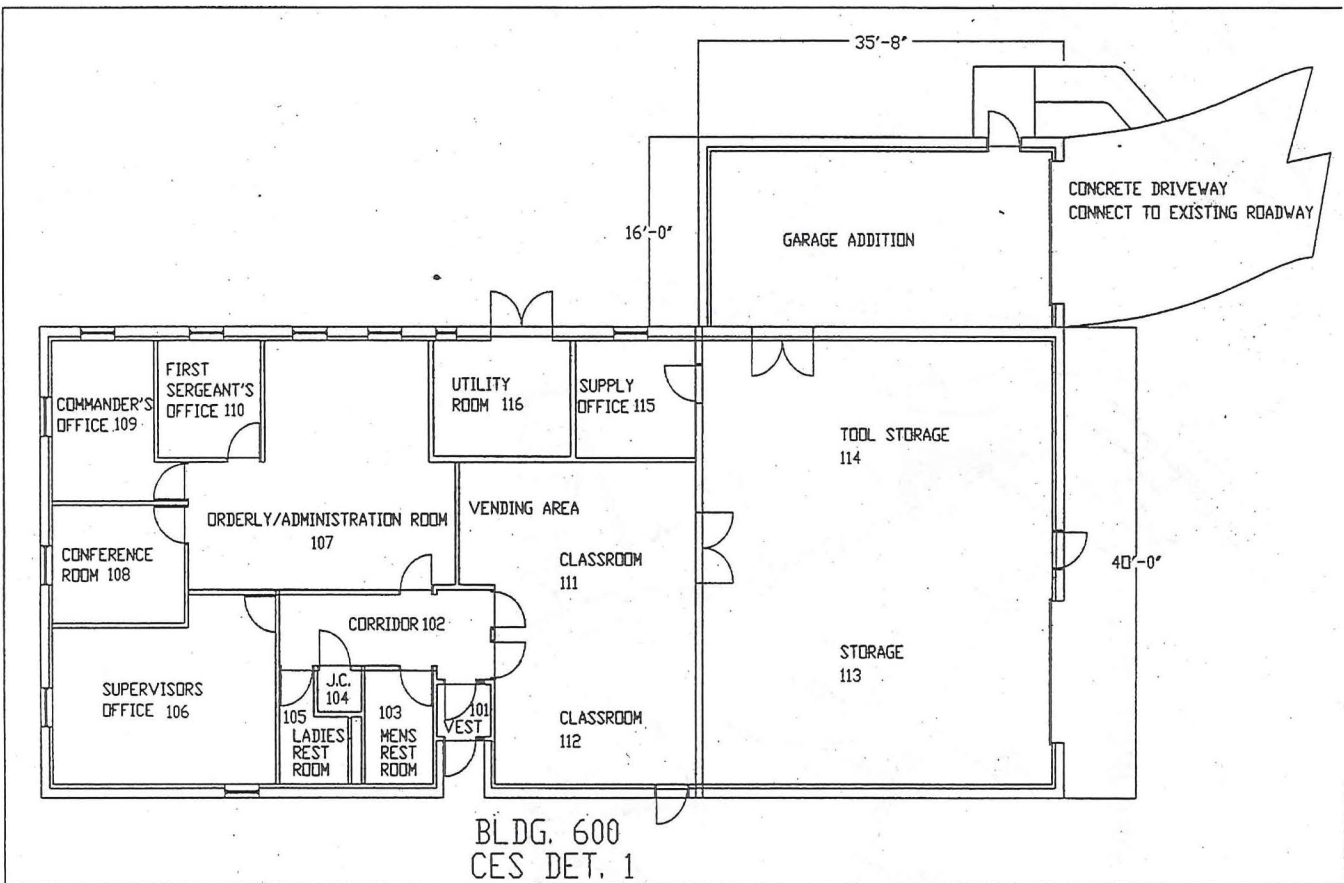


| 1. COMPONENT<br>USAFR  | FY 2003 MILITARY CONSTRUCTION PROJECT DATA |          |                  |         | 2. DATE                              |                   |      |     |          |                  |         |                |                   |                         |  |  |  |  |  |  |   |    |    |   |   |    |     |                           |    |     |      |      |    |     |                           |  |  |  |  |  |  |   |    |    |     |      |    |     |            |    |      |      |      |    |     |                      |    |     |      |      |   |     |                |    |     |      |      |   |   |                    |    |     |      |      |    |     |              |    |      |      |      |    |     |          |    |      |      |      |    |   |        |    |      |      |      |    |   |                |    |     |       |      |    |     |           |    |   |        |      |   |   |                     |    |     |      |      |    |     |              |    |     |      |      |    |     |            |    |   |         |      |    |   |                  |  |  |  |  |  |  |          |    |     |      |      |    |   |                     |    |     |      |      |    |   |             |    |   |     |     |  |  |               |    |     |      |      |    |     |           |    |     |      |      |   |   |                    |  |  |  |  |  |  |              |    |     |      |      |   |   |                                |  |  |  |      |  |  |                                |  |  |  |  |     |  |                                |  |  |  |  |  |     |
|--|--|----------|------------------|---------|--------------------------------------|-------------------|------|-----|----------|------------------|---------|----------------|-------------------|-------------------------|--|--|--|--|--|--|---|----|----|---|---|----|-----|---------------------------|----|-----|------|------|----|-----|---------------------------|--|--|--|--|--|--|---|----|----|-----|------|----|-----|------------|----|------|------|------|----|-----|----------------------|----|-----|------|------|---|-----|----------------|----|-----|------|------|---|---|--------------------|----|-----|------|------|----|-----|--------------|----|------|------|------|----|-----|----------|----|------|------|------|----|---|--------|----|------|------|------|----|---|----------------|----|-----|-------|------|----|-----|-----------|----|---|--------|------|---|---|---------------------|----|-----|------|------|----|-----|--------------|----|-----|------|------|----|-----|------------|----|---|---------|------|----|---|------------------|--|--|--|--|--|--|----------|----|-----|------|------|----|---|---------------------|----|-----|------|------|----|---|-------------|----|---|-----|-----|--|--|---------------|----|-----|------|------|----|-----|-----------|----|-----|------|------|---|---|--------------------|--|--|--|--|--|--|--------------|----|-----|------|------|---|---|--------------------------------|--|--|--|------|--|--|--------------------------------|--|--|--|--|-----|--|--------------------------------|--|--|--|--|--|-----|
| 3. INSTALLATION AND LOCATION<br>PITTSBURGH IAP ARS (AFRC)  |  |          |                  |         |                                      |                   |      |     |          |                  |         |                |                   |                         |  |  |  |  |  |  |   |    |    |   |   |    |     |                           |    |     |      |      |    |     |                           |  |  |  |  |  |  |   |    |    |     |      |    |     |            |    |      |      |      |    |     |                      |    |     |      |      |   |     |                |    |     |      |      |   |   |                    |    |     |      |      |    |     |              |    |      |      |      |    |     |          |    |      |      |      |    |   |        |    |      |      |      |    |   |                |    |     |       |      |    |     |           |    |   |        |      |   |   |                     |    |     |      |      |    |     |              |    |     |      |      |    |     |            |    |   |         |      |    |   |                  |  |  |  |  |  |  |          |    |     |      |      |    |   |                     |    |     |      |      |    |   |             |    |   |     |     |  |  |               |    |     |      |      |    |     |           |    |     |      |      |   |   |                    |  |  |  |  |  |  |              |    |     |      |      |   |   |                                |  |  |  |      |  |  |                                |  |  |  |  |     |  |                                |  |  |  |  |  |     |
| 4. PROJECT TITLE<br>ADD TO CES DET 1 BLDG 600, MORGANTOWN W.VA.  |  |          |                  |         | 8. PROJECT NUMBER<br>QUEF 03-0020 R1 |                   |      |     |          |                  |         |                |                   |                         |  |  |  |  |  |  |   |    |    |   |   |    |     |                           |    |     |      |      |    |     |                           |  |  |  |  |  |  |   |    |    |     |      |    |     |            |    |      |      |      |    |     |                      |    |     |      |      |   |     |                |    |     |      |      |   |   |                    |    |     |      |      |    |     |              |    |      |      |      |    |     |          |    |      |      |      |    |   |        |    |      |      |      |    |   |                |    |     |       |      |    |     |           |    |   |        |      |   |   |                     |    |     |      |      |    |     |              |    |     |      |      |    |     |            |    |   |         |      |    |   |                  |  |  |  |  |  |  |          |    |     |      |      |    |   |                     |    |     |      |      |    |   |             |    |   |     |     |  |  |               |    |     |      |      |    |     |           |    |     |      |      |   |   |                    |  |  |  |  |  |  |              |    |     |      |      |   |   |                                |  |  |  |      |  |  |                                |  |  |  |  |     |  |                                |  |  |  |  |  |     |
| <p style="text-align: center;"><b>COST ESTIMATE SUMMARY</b></p> <table border="1"> <thead> <tr> <th>ITEM</th> <th>U/M</th> <th>QUANTITY</th> <th>MATERIAL<br/>COST</th> <th>(\$000)</th> <th>LABOR<br/>(MHR)</th> <th>EQUIP.<br/>(\$000)</th> </tr> </thead> <tbody> <tr> <td colspan="7"><b>SITE PREPARATION</b></td> </tr> <tr> <td>Excavation for Foundation,<br/>Floor Slab, Drive, Walks.</td> <td>CY</td> <td>30</td> <td>0</td> <td>0</td> <td>24</td> <td>1.2</td> </tr> <tr> <td>Prepare and Roll Subbase.</td> <td>SY</td> <td>150</td> <td>8.65</td> <td>1.30</td> <td>18</td> <td>0.9</td> </tr> <tr> <td colspan="7"><b>CONSTRUCT ADDITION</b></td> </tr> <tr> <td>Concrete Foundation, Slab,<br/>Drive, Walks.</td> <td>CY</td> <td>45</td> <td>130</td> <td>5.85</td> <td>60</td> <td>0.6</td> </tr> <tr> <td>CMU Walls.</td> <td>SF</td> <td>1500</td> <td>4.47</td> <td>6.71</td> <td>80</td> <td>2.0</td> </tr> <tr> <td>4" Rigid Insulation.</td> <td>SF</td> <td>900</td> <td>0.37</td> <td>0.33</td> <td>3</td> <td>0.2</td> </tr> <tr> <td>Vapor Barrier.</td> <td>SF</td> <td>900</td> <td>5.75</td> <td>5.18</td> <td>1</td> <td>-</td> </tr> <tr> <td>Steel Roof Joists.</td> <td>LF</td> <td>220</td> <td>4.39</td> <td>0.97</td> <td>32</td> <td>2.0</td> </tr> <tr> <td>Metal Studs.</td> <td>LF</td> <td>1000</td> <td>0.18</td> <td>0.18</td> <td>16</td> <td>0.2</td> </tr> <tr> <td>Drywall.</td> <td>SF</td> <td>2000</td> <td>1.25</td> <td>2.50</td> <td>32</td> <td>-</td> </tr> <tr> <td>Paint.</td> <td>SF</td> <td>2000</td> <td>0.12</td> <td>0.24</td> <td>16</td> <td>-</td> </tr> <tr> <td>Overhead Door.</td> <td>SF</td> <td>196</td> <td>12.76</td> <td>2.50</td> <td>16</td> <td>0.3</td> </tr> <tr> <td>Man Door.</td> <td>EA</td> <td>1</td> <td>500.00</td> <td>0.50</td> <td>8</td> <td>-</td> </tr> <tr> <td>Standing Seam Roof.</td> <td>SF</td> <td>685</td> <td>6.50</td> <td>4.45</td> <td>32</td> <td>0.5</td> </tr> <tr> <td>Metal Fascia</td> <td>LF</td> <td>260</td> <td>7.95</td> <td>2.07</td> <td>32</td> <td>0.3</td> </tr> <tr> <td>Shop Sink.</td> <td>EA</td> <td>1</td> <td>1200.00</td> <td>1.20</td> <td>16</td> <td>-</td> </tr> <tr> <td colspan="7"><b>UTILITIES</b></td> </tr> <tr> <td>Lighting</td> <td>SF</td> <td>576</td> <td>1.91</td> <td>1.10</td> <td>16</td> <td>-</td> </tr> <tr> <td>Elec.. Receptacles.</td> <td>SF</td> <td>576</td> <td>3.99</td> <td>2.30</td> <td>16</td> <td>-</td> </tr> <tr> <td>Unit Heater</td> <td>EA</td> <td>2</td> <td>900</td> <td>1.8</td> <td></td> <td></td> </tr> <tr> <td>Sprk. System.</td> <td>SF</td> <td>576</td> <td>3.85</td> <td>2.22</td> <td>24</td> <td>0.3</td> </tr> <tr> <td>Telephone</td> <td>SF</td> <td>576</td> <td>1.10</td> <td>0.63</td> <td>8</td> <td>-</td> </tr> <tr> <td colspan="7"><b>LANDSCAPING</b></td> </tr> <tr> <td>Topsoil/Seed</td> <td>SF</td> <td>500</td> <td>0.23</td> <td>0.12</td> <td>4</td> <td>-</td> </tr> <tr> <td colspan="4"><b>TOTAL MATERIALS (\$000)</b></td> <td>42.0</td> <td></td> <td></td> </tr> <tr> <td colspan="5"><b>TOTAL TROOP LABOR (MHR)</b></td> <td>454</td> <td></td> </tr> <tr> <td colspan="6"><b>TOTAL EQUIPMENT (\$000)</b></td> <td>8.5</td> </tr> </tbody> </table> |  |          |                  |         |                                      |                   | ITEM | U/M | QUANTITY | MATERIAL<br>COST | (\$000) | LABOR<br>(MHR) | EQUIP.<br>(\$000) | <b>SITE PREPARATION</b> |  |  |  |  |  |  | Excavation for Foundation,<br>Floor Slab, Drive, Walks. | CY | 30 | 0 | 0 | 24 | 1.2 | Prepare and Roll Subbase. | SY | 150 | 8.65 | 1.30 | 18 | 0.9 | <b>CONSTRUCT ADDITION</b> |  |  |  |  |  |  | Concrete Foundation, Slab,<br>Drive, Walks. | CY | 45 | 130 | 5.85 | 60 | 0.6 | CMU Walls. | SF | 1500 | 4.47 | 6.71 | 80 | 2.0 | 4" Rigid Insulation. | SF | 900 | 0.37 | 0.33 | 3 | 0.2 | Vapor Barrier. | SF | 900 | 5.75 | 5.18 | 1 | - | Steel Roof Joists. | LF | 220 | 4.39 | 0.97 | 32 | 2.0 | Metal Studs. | LF | 1000 | 0.18 | 0.18 | 16 | 0.2 | Drywall. | SF | 2000 | 1.25 | 2.50 | 32 | - | Paint. | SF | 2000 | 0.12 | 0.24 | 16 | - | Overhead Door. | SF | 196 | 12.76 | 2.50 | 16 | 0.3 | Man Door. | EA | 1 | 500.00 | 0.50 | 8 | - | Standing Seam Roof. | SF | 685 | 6.50 | 4.45 | 32 | 0.5 | Metal Fascia | LF | 260 | 7.95 | 2.07 | 32 | 0.3 | Shop Sink. | EA | 1 | 1200.00 | 1.20 | 16 | - | <b>UTILITIES</b> |  |  |  |  |  |  | Lighting | SF | 576 | 1.91 | 1.10 | 16 | - | Elec.. Receptacles. | SF | 576 | 3.99 | 2.30 | 16 | - | Unit Heater | EA | 2 | 900 | 1.8 |  |  | Sprk. System. | SF | 576 | 3.85 | 2.22 | 24 | 0.3 | Telephone | SF | 576 | 1.10 | 0.63 | 8 | - | <b>LANDSCAPING</b> |  |  |  |  |  |  | Topsoil/Seed | SF | 500 | 0.23 | 0.12 | 4 | - | <b>TOTAL MATERIALS (\$000)</b> |  |  |  | 42.0 |  |  | <b>TOTAL TROOP LABOR (MHR)</b> |  |  |  |  | 454 |  | <b>TOTAL EQUIPMENT (\$000)</b> |  |  |  |  |  | 8.5 |
| ITEM   | U/M  | QUANTITY | MATERIAL<br>COST | (\$000) | LABOR<br>(MHR)                       | EQUIP.<br>(\$000) |      |     |          |                  |         |                |                   |                         |  |  |  |  |  |  |   |    |    |   |   |    |     |                           |    |     |      |      |    |     |                           |  |  |  |  |  |  |   |    |    |     |      |    |     |            |    |      |      |      |    |     |                      |    |     |      |      |   |     |                |    |     |      |      |   |   |                    |    |     |      |      |    |     |              |    |      |      |      |    |     |          |    |      |      |      |    |   |        |    |      |      |      |    |   |                |    |     |       |      |    |     |           |    |   |        |      |   |   |                     |    |     |      |      |    |     |              |    |     |      |      |    |     |            |    |   |         |      |    |   |                  |  |  |  |  |  |  |          |    |     |      |      |    |   |                     |    |     |      |      |    |   |             |    |   |     |     |  |  |               |    |     |      |      |    |     |           |    |     |      |      |   |   |                    |  |  |  |  |  |  |              |    |     |      |      |   |   |                                |  |  |  |      |  |  |                                |  |  |  |  |     |  |                                |  |  |  |  |  |     |
| <b>SITE PREPARATION</b>  |  |          |                  |         |                                      |                   |      |     |          |                  |         |                |                   |                         |  |  |  |  |  |  |   |    |    |   |   |    |     |                           |    |     |      |      |    |     |                           |  |  |  |  |  |  |   |    |    |     |      |    |     |            |    |      |      |      |    |     |                      |    |     |      |      |   |     |                |    |     |      |      |   |   |                    |    |     |      |      |    |     |              |    |      |      |      |    |     |          |    |      |      |      |    |   |        |    |      |      |      |    |   |                |    |     |       |      |    |     |           |    |   |        |      |   |   |                     |    |     |      |      |    |     |              |    |     |      |      |    |     |            |    |   |         |      |    |   |                  |  |  |  |  |  |  |          |    |     |      |      |    |   |                     |    |     |      |      |    |   |             |    |   |     |     |  |  |               |    |     |      |      |    |     |           |    |     |      |      |   |   |                    |  |  |  |  |  |  |              |    |     |      |      |   |   |                                |  |  |  |      |  |  |                                |  |  |  |  |     |  |                                |  |  |  |  |  |     |
| Excavation for Foundation,<br>Floor Slab, Drive, Walks.  | CY   | 30       | 0                | 0       | 24                                   | 1.2               |      |     |          |                  |         |                |                   |                         |  |  |  |  |  |  |   |    |    |   |   |    |     |                           |    |     |      |      |    |     |                           |  |  |  |  |  |  |   |    |    |     |      |    |     |            |    |      |      |      |    |     |                      |    |     |      |      |   |     |                |    |     |      |      |   |   |                    |    |     |      |      |    |     |              |    |      |      |      |    |     |          |    |      |      |      |    |   |        |    |      |      |      |    |   |                |    |     |       |      |    |     |           |    |   |        |      |   |   |                     |    |     |      |      |    |     |              |    |     |      |      |    |     |            |    |   |         |      |    |   |                  |  |  |  |  |  |  |          |    |     |      |      |    |   |                     |    |     |      |      |    |   |             |    |   |     |     |  |  |               |    |     |      |      |    |     |           |    |     |      |      |   |   |                    |  |  |  |  |  |  |              |    |     |      |      |   |   |                                |  |  |  |      |  |  |                                |  |  |  |  |     |  |                                |  |  |  |  |  |     |
| Prepare and Roll Subbase.  | SY   | 150      | 8.65             | 1.30    | 18                                   | 0.9               |      |     |          |                  |         |                |                   |                         |  |  |  |  |  |  |   |    |    |   |   |    |     |                           |    |     |      |      |    |     |                           |  |  |  |  |  |  |   |    |    |     |      |    |     |            |    |      |      |      |    |     |                      |    |     |      |      |   |     |                |    |     |      |      |   |   |                    |    |     |      |      |    |     |              |    |      |      |      |    |     |          |    |      |      |      |    |   |        |    |      |      |      |    |   |                |    |     |       |      |    |     |           |    |   |        |      |   |   |                     |    |     |      |      |    |     |              |    |     |      |      |    |     |            |    |   |         |      |    |   |                  |  |  |  |  |  |  |          |    |     |      |      |    |   |                     |    |     |      |      |    |   |             |    |   |     |     |  |  |               |    |     |      |      |    |     |           |    |     |      |      |   |   |                    |  |  |  |  |  |  |              |    |     |      |      |   |   |                                |  |  |  |      |  |  |                                |  |  |  |  |     |  |                                |  |  |  |  |  |     |
| <b>CONSTRUCT ADDITION</b>  |  |          |                  |         |                                      |                   |      |     |          |                  |         |                |                   |                         |  |  |  |  |  |  |   |    |    |   |   |    |     |                           |    |     |      |      |    |     |                           |  |  |  |  |  |  |   |    |    |     |      |    |     |            |    |      |      |      |    |     |                      |    |     |      |      |   |     |                |    |     |      |      |   |   |                    |    |     |      |      |    |     |              |    |      |      |      |    |     |          |    |      |      |      |    |   |        |    |      |      |      |    |   |                |    |     |       |      |    |     |           |    |   |        |      |   |   |                     |    |     |      |      |    |     |              |    |     |      |      |    |     |            |    |   |         |      |    |   |                  |  |  |  |  |  |  |          |    |     |      |      |    |   |                     |    |     |      |      |    |   |             |    |   |     |     |  |  |               |    |     |      |      |    |     |           |    |     |      |      |   |   |                    |  |  |  |  |  |  |              |    |     |      |      |   |   |                                |  |  |  |      |  |  |                                |  |  |  |  |     |  |                                |  |  |  |  |  |     |
| Concrete Foundation, Slab,<br>Drive, Walks.  | CY   | 45       | 130              | 5.85    | 60                                   | 0.6               |      |     |          |                  |         |                |                   |                         |  |  |  |  |  |  |   |    |    |   |   |    |     |                           |    |     |      |      |    |     |                           |  |  |  |  |  |  |   |    |    |     |      |    |     |            |    |      |      |      |    |     |                      |    |     |      |      |   |     |                |    |     |      |      |   |   |                    |    |     |      |      |    |     |              |    |      |      |      |    |     |          |    |      |      |      |    |   |        |    |      |      |      |    |   |                |    |     |       |      |    |     |           |    |   |        |      |   |   |                     |    |     |      |      |    |     |              |    |     |      |      |    |     |            |    |   |         |      |    |   |                  |  |  |  |  |  |  |          |    |     |      |      |    |   |                     |    |     |      |      |    |   |             |    |   |     |     |  |  |               |    |     |      |      |    |     |           |    |     |      |      |   |   |                    |  |  |  |  |  |  |              |    |     |      |      |   |   |                                |  |  |  |      |  |  |                                |  |  |  |  |     |  |                                |  |  |  |  |  |     |
| CMU Walls.   | SF   | 1500     | 4.47             | 6.71    | 80                                   | 2.0               |      |     |          |                  |         |                |                   |                         |  |  |  |  |  |  |   |    |    |   |   |    |     |                           |    |     |      |      |    |     |                           |  |  |  |  |  |  |   |    |    |     |      |    |     |            |    |      |      |      |    |     |                      |    |     |      |      |   |     |                |    |     |      |      |   |   |                    |    |     |      |      |    |     |              |    |      |      |      |    |     |          |    |      |      |      |    |   |        |    |      |      |      |    |   |                |    |     |       |      |    |     |           |    |   |        |      |   |   |                     |    |     |      |      |    |     |              |    |     |      |      |    |     |            |    |   |         |      |    |   |                  |  |  |  |  |  |  |          |    |     |      |      |    |   |                     |    |     |      |      |    |   |             |    |   |     |     |  |  |               |    |     |      |      |    |     |           |    |     |      |      |   |   |                    |  |  |  |  |  |  |              |    |     |      |      |   |   |                                |  |  |  |      |  |  |                                |  |  |  |  |     |  |                                |  |  |  |  |  |     |
| 4" Rigid Insulation.   | SF   | 900      | 0.37             | 0.33    | 3                                    | 0.2               |      |     |          |                  |         |                |                   |                         |  |  |  |  |  |  |   |    |    |   |   |    |     |                           |    |     |      |      |    |     |                           |  |  |  |  |  |  |   |    |    |     |      |    |     |            |    |      |      |      |    |     |                      |    |     |      |      |   |     |                |    |     |      |      |   |   |                    |    |     |      |      |    |     |              |    |      |      |      |    |     |          |    |      |      |      |    |   |        |    |      |      |      |    |   |                |    |     |       |      |    |     |           |    |   |        |      |   |   |                     |    |     |      |      |    |     |              |    |     |      |      |    |     |            |    |   |         |      |    |   |                  |  |  |  |  |  |  |          |    |     |      |      |    |   |                     |    |     |      |      |    |   |             |    |   |     |     |  |  |               |    |     |      |      |    |     |           |    |     |      |      |   |   |                    |  |  |  |  |  |  |              |    |     |      |      |   |   |                                |  |  |  |      |  |  |                                |  |  |  |  |     |  |                                |  |  |  |  |  |     |
| Vapor Barrier.   | SF   | 900      | 5.75             | 5.18    | 1                                    | -                 |      |     |          |                  |         |                |                   |                         |  |  |  |  |  |  |   |    |    |   |   |    |     |                           |    |     |      |      |    |     |                           |  |  |  |  |  |  |   |    |    |     |      |    |     |            |    |      |      |      |    |     |                      |    |     |      |      |   |     |                |    |     |      |      |   |   |                    |    |     |      |      |    |     |              |    |      |      |      |    |     |          |    |      |      |      |    |   |        |    |      |      |      |    |   |                |    |     |       |      |    |     |           |    |   |        |      |   |   |                     |    |     |      |      |    |     |              |    |     |      |      |    |     |            |    |   |         |      |    |   |                  |  |  |  |  |  |  |          |    |     |      |      |    |   |                     |    |     |      |      |    |   |             |    |   |     |     |  |  |               |    |     |      |      |    |     |           |    |     |      |      |   |   |                    |  |  |  |  |  |  |              |    |     |      |      |   |   |                                |  |  |  |      |  |  |                                |  |  |  |  |     |  |                                |  |  |  |  |  |     |
| Steel Roof Joists.   | LF   | 220      | 4.39             | 0.97    | 32                                   | 2.0               |      |     |          |                  |         |                |                   |                         |  |  |  |  |  |  |   |    |    |   |   |    |     |                           |    |     |      |      |    |     |                           |  |  |  |  |  |  |   |    |    |     |      |    |     |            |    |      |      |      |    |     |                      |    |     |      |      |   |     |                |    |     |      |      |   |   |                    |    |     |      |      |    |     |              |    |      |      |      |    |     |          |    |      |      |      |    |   |        |    |      |      |      |    |   |                |    |     |       |      |    |     |           |    |   |        |      |   |   |                     |    |     |      |      |    |     |              |    |     |      |      |    |     |            |    |   |         |      |    |   |                  |  |  |  |  |  |  |          |    |     |      |      |    |   |                     |    |     |      |      |    |   |             |    |   |     |     |  |  |               |    |     |      |      |    |     |           |    |     |      |      |   |   |                    |  |  |  |  |  |  |              |    |     |      |      |   |   |                                |  |  |  |      |  |  |                                |  |  |  |  |     |  |                                |  |  |  |  |  |     |
| Metal Studs.   | LF   | 1000     | 0.18             | 0.18    | 16                                   | 0.2               |      |     |          |                  |         |                |                   |                         |  |  |  |  |  |  |   |    |    |   |   |    |     |                           |    |     |      |      |    |     |                           |  |  |  |  |  |  |   |    |    |     |      |    |     |            |    |      |      |      |    |     |                      |    |     |      |      |   |     |                |    |     |      |      |   |   |                    |    |     |      |      |    |     |              |    |      |      |      |    |     |          |    |      |      |      |    |   |        |    |      |      |      |    |   |                |    |     |       |      |    |     |           |    |   |        |      |   |   |                     |    |     |      |      |    |     |              |    |     |      |      |    |     |            |    |   |         |      |    |   |                  |  |  |  |  |  |  |          |    |     |      |      |    |   |                     |    |     |      |      |    |   |             |    |   |     |     |  |  |               |    |     |      |      |    |     |           |    |     |      |      |   |   |                    |  |  |  |  |  |  |              |    |     |      |      |   |   |                                |  |  |  |      |  |  |                                |  |  |  |  |     |  |                                |  |  |  |  |  |     |
| Drywall.   | SF   | 2000     | 1.25             | 2.50    | 32                                   | -                 |      |     |          |                  |         |                |                   |                         |  |  |  |  |  |  |   |    |    |   |   |    |     |                           |    |     |      |      |    |     |                           |  |  |  |  |  |  |   |    |    |     |      |    |     |            |    |      |      |      |    |     |                      |    |     |      |      |   |     |                |    |     |      |      |   |   |                    |    |     |      |      |    |     |              |    |      |      |      |    |     |          |    |      |      |      |    |   |        |    |      |      |      |    |   |                |    |     |       |      |    |     |           |    |   |        |      |   |   |                     |    |     |      |      |    |     |              |    |     |      |      |    |     |            |    |   |         |      |    |   |                  |  |  |  |  |  |  |          |    |     |      |      |    |   |                     |    |     |      |      |    |   |             |    |   |     |     |  |  |               |    |     |      |      |    |     |           |    |     |      |      |   |   |                    |  |  |  |  |  |  |              |    |     |      |      |   |   |                                |  |  |  |      |  |  |                                |  |  |  |  |     |  |                                |  |  |  |  |  |     |
| Paint.   | SF   | 2000     | 0.12             | 0.24    | 16                                   | -                 |      |     |          |                  |         |                |                   |                         |  |  |  |  |  |  |   |    |    |   |   |    |     |                           |    |     |      |      |    |     |                           |  |  |  |  |  |  |   |    |    |     |      |    |     |            |    |      |      |      |    |     |                      |    |     |      |      |   |     |                |    |     |      |      |   |   |                    |    |     |      |      |    |     |              |    |      |      |      |    |     |          |    |      |      |      |    |   |        |    |      |      |      |    |   |                |    |     |       |      |    |     |           |    |   |        |      |   |   |                     |    |     |      |      |    |     |              |    |     |      |      |    |     |            |    |   |         |      |    |   |                  |  |  |  |  |  |  |          |    |     |      |      |    |   |                     |    |     |      |      |    |   |             |    |   |     |     |  |  |               |    |     |      |      |    |     |           |    |     |      |      |   |   |                    |  |  |  |  |  |  |              |    |     |      |      |   |   |                                |  |  |  |      |  |  |                                |  |  |  |  |     |  |                                |  |  |  |  |  |     |
| Overhead Door.   | SF   | 196      | 12.76            | 2.50    | 16                                   | 0.3               |      |     |          |                  |         |                |                   |                         |  |  |  |  |  |  |   |    |    |   |   |    |     |                           |    |     |      |      |    |     |                           |  |  |  |  |  |  |   |    |    |     |      |    |     |            |    |      |      |      |    |     |                      |    |     |      |      |   |     |                |    |     |      |      |   |   |                    |    |     |      |      |    |     |              |    |      |      |      |    |     |          |    |      |      |      |    |   |        |    |      |      |      |    |   |                |    |     |       |      |    |     |           |    |   |        |      |   |   |                     |    |     |      |      |    |     |              |    |     |      |      |    |     |            |    |   |         |      |    |   |                  |  |  |  |  |  |  |          |    |     |      |      |    |   |                     |    |     |      |      |    |   |             |    |   |     |     |  |  |               |    |     |      |      |    |     |           |    |     |      |      |   |   |                    |  |  |  |  |  |  |              |    |     |      |      |   |   |                                |  |  |  |      |  |  |                                |  |  |  |  |     |  |                                |  |  |  |  |  |     |
| Man Door.  | EA   | 1        | 500.00           | 0.50    | 8                                    | -                 |      |     |          |                  |         |                |                   |                         |  |  |  |  |  |  |   |    |    |   |   |    |     |                           |    |     |      |      |    |     |                           |  |  |  |  |  |  |   |    |    |     |      |    |     |            |    |      |      |      |    |     |                      |    |     |      |      |   |     |                |    |     |      |      |   |   |                    |    |     |      |      |    |     |              |    |      |      |      |    |     |          |    |      |      |      |    |   |        |    |      |      |      |    |   |                |    |     |       |      |    |     |           |    |   |        |      |   |   |                     |    |     |      |      |    |     |              |    |     |      |      |    |     |            |    |   |         |      |    |   |                  |  |  |  |  |  |  |          |    |     |      |      |    |   |                     |    |     |      |      |    |   |             |    |   |     |     |  |  |               |    |     |      |      |    |     |           |    |     |      |      |   |   |                    |  |  |  |  |  |  |              |    |     |      |      |   |   |                                |  |  |  |      |  |  |                                |  |  |  |  |     |  |                                |  |  |  |  |  |     |
| Standing Seam Roof.  | SF   | 685      | 6.50             | 4.45    | 32                                   | 0.5               |      |     |          |                  |         |                |                   |                         |  |  |  |  |  |  |   |    |    |   |   |    |     |                           |    |     |      |      |    |     |                           |  |  |  |  |  |  |   |    |    |     |      |    |     |            |    |      |      |      |    |     |                      |    |     |      |      |   |     |                |    |     |      |      |   |   |                    |    |     |      |      |    |     |              |    |      |      |      |    |     |          |    |      |      |      |    |   |        |    |      |      |      |    |   |                |    |     |       |      |    |     |           |    |   |        |      |   |   |                     |    |     |      |      |    |     |              |    |     |      |      |    |     |            |    |   |         |      |    |   |                  |  |  |  |  |  |  |          |    |     |      |      |    |   |                     |    |     |      |      |    |   |             |    |   |     |     |  |  |               |    |     |      |      |    |     |           |    |     |      |      |   |   |                    |  |  |  |  |  |  |              |    |     |      |      |   |   |                                |  |  |  |      |  |  |                                |  |  |  |  |     |  |                                |  |  |  |  |  |     |
| Metal Fascia   | LF   | 260      | 7.95             | 2.07    | 32                                   | 0.3               |      |     |          |                  |         |                |                   |                         |  |  |  |  |  |  |   |    |    |   |   |    |     |                           |    |     |      |      |    |     |                           |  |  |  |  |  |  |   |    |    |     |      |    |     |            |    |      |      |      |    |     |                      |    |     |      |      |   |     |                |    |     |      |      |   |   |                    |    |     |      |      |    |     |              |    |      |      |      |    |     |          |    |      |      |      |    |   |        |    |      |      |      |    |   |                |    |     |       |      |    |     |           |    |   |        |      |   |   |                     |    |     |      |      |    |     |              |    |     |      |      |    |     |            |    |   |         |      |    |   |                  |  |  |  |  |  |  |          |    |     |      |      |    |   |                     |    |     |      |      |    |   |             |    |   |     |     |  |  |               |    |     |      |      |    |     |           |    |     |      |      |   |   |                    |  |  |  |  |  |  |              |    |     |      |      |   |   |                                |  |  |  |      |  |  |                                |  |  |  |  |     |  |                                |  |  |  |  |  |     |
| Shop Sink.   | EA   | 1        | 1200.00          | 1.20    | 16                                   | -                 |      |     |          |                  |         |                |                   |                         |  |  |  |  |  |  |   |    |    |   |   |    |     |                           |    |     |      |      |    |     |                           |  |  |  |  |  |  |   |    |    |     |      |    |     |            |    |      |      |      |    |     |                      |    |     |      |      |   |     |                |    |     |      |      |   |   |                    |    |     |      |      |    |     |              |    |      |      |      |    |     |          |    |      |      |      |    |   |        |    |      |      |      |    |   |                |    |     |       |      |    |     |           |    |   |        |      |   |   |                     |    |     |      |      |    |     |              |    |     |      |      |    |     |            |    |   |         |      |    |   |                  |  |  |  |  |  |  |          |    |     |      |      |    |   |                     |    |     |      |      |    |   |             |    |   |     |     |  |  |               |    |     |      |      |    |     |           |    |     |      |      |   |   |                    |  |  |  |  |  |  |              |    |     |      |      |   |   |                                |  |  |  |      |  |  |                                |  |  |  |  |     |  |                                |  |  |  |  |  |     |
| <b>UTILITIES</b>   |  |          |                  |         |                                      |                   |      |     |          |                  |         |                |                   |                         |  |  |  |  |  |  |   |    |    |   |   |    |     |                           |    |     |      |      |    |     |                           |  |  |  |  |  |  |   |    |    |     |      |    |     |            |    |      |      |      |    |     |                      |    |     |      |      |   |     |                |    |     |      |      |   |   |                    |    |     |      |      |    |     |              |    |      |      |      |    |     |          |    |      |      |      |    |   |        |    |      |      |      |    |   |                |    |     |       |      |    |     |           |    |   |        |      |   |   |                     |    |     |      |      |    |     |              |    |     |      |      |    |     |            |    |   |         |      |    |   |                  |  |  |  |  |  |  |          |    |     |      |      |    |   |                     |    |     |      |      |    |   |             |    |   |     |     |  |  |               |    |     |      |      |    |     |           |    |     |      |      |   |   |                    |  |  |  |  |  |  |              |    |     |      |      |   |   |                                |  |  |  |      |  |  |                                |  |  |  |  |     |  |                                |  |  |  |  |  |     |
| Lighting   | SF   | 576      | 1.91             | 1.10    | 16                                   | -                 |      |     |          |                  |         |                |                   |                         |  |  |  |  |  |  |   |    |    |   |   |    |     |                           |    |     |      |      |    |     |                           |  |  |  |  |  |  |   |    |    |     |      |    |     |            |    |      |      |      |    |     |                      |    |     |      |      |   |     |                |    |     |      |      |   |   |                    |    |     |      |      |    |     |              |    |      |      |      |    |     |          |    |      |      |      |    |   |        |    |      |      |      |    |   |                |    |     |       |      |    |     |           |    |   |        |      |   |   |                     |    |     |      |      |    |     |              |    |     |      |      |    |     |            |    |   |         |      |    |   |                  |  |  |  |  |  |  |          |    |     |      |      |    |   |                     |    |     |      |      |    |   |             |    |   |     |     |  |  |               |    |     |      |      |    |     |           |    |     |      |      |   |   |                    |  |  |  |  |  |  |              |    |     |      |      |   |   |                                |  |  |  |      |  |  |                                |  |  |  |  |     |  |                                |  |  |  |  |  |     |
| Elec.. Receptacles.  | SF   | 576      | 3.99             | 2.30    | 16                                   | -                 |      |     |          |                  |         |                |                   |                         |  |  |  |  |  |  |   |    |    |   |   |    |     |                           |    |     |      |      |    |     |                           |  |  |  |  |  |  |   |    |    |     |      |    |     |            |    |      |      |      |    |     |                      |    |     |      |      |   |     |                |    |     |      |      |   |   |                    |    |     |      |      |    |     |              |    |      |      |      |    |     |          |    |      |      |      |    |   |        |    |      |      |      |    |   |                |    |     |       |      |    |     |           |    |   |        |      |   |   |                     |    |     |      |      |    |     |              |    |     |      |      |    |     |            |    |   |         |      |    |   |                  |  |  |  |  |  |  |          |    |     |      |      |    |   |                     |    |     |      |      |    |   |             |    |   |     |     |  |  |               |    |     |      |      |    |     |           |    |     |      |      |   |   |                    |  |  |  |  |  |  |              |    |     |      |      |   |   |                                |  |  |  |      |  |  |                                |  |  |  |  |     |  |                                |  |  |  |  |  |     |
| Unit Heater  | EA   | 2        | 900              | 1.8     |                                      |                   |      |     |          |                  |         |                |                   |                         |  |  |  |  |  |  |   |    |    |   |   |    |     |                           |    |     |      |      |    |     |                           |  |  |  |  |  |  |   |    |    |     |      |    |     |            |    |      |      |      |    |     |                      |    |     |      |      |   |     |                |    |     |      |      |   |   |                    |    |     |      |      |    |     |              |    |      |      |      |    |     |          |    |      |      |      |    |   |        |    |      |      |      |    |   |                |    |     |       |      |    |     |           |    |   |        |      |   |   |                     |    |     |      |      |    |     |              |    |     |      |      |    |     |            |    |   |         |      |    |   |                  |  |  |  |  |  |  |          |    |     |      |      |    |   |                     |    |     |      |      |    |   |             |    |   |     |     |  |  |               |    |     |      |      |    |     |           |    |     |      |      |   |   |                    |  |  |  |  |  |  |              |    |     |      |      |   |   |                                |  |  |  |      |  |  |                                |  |  |  |  |     |  |                                |  |  |  |  |  |     |
| Sprk. System.  | SF   | 576      | 3.85             | 2.22    | 24                                   | 0.3               |      |     |          |                  |         |                |                   |                         |  |  |  |  |  |  |   |    |    |   |   |    |     |                           |    |     |      |      |    |     |                           |  |  |  |  |  |  |   |    |    |     |      |    |     |            |    |      |      |      |    |     |                      |    |     |      |      |   |     |                |    |     |      |      |   |   |                    |    |     |      |      |    |     |              |    |      |      |      |    |     |          |    |      |      |      |    |   |        |    |      |      |      |    |   |                |    |     |       |      |    |     |           |    |   |        |      |   |   |                     |    |     |      |      |    |     |              |    |     |      |      |    |     |            |    |   |         |      |    |   |                  |  |  |  |  |  |  |          |    |     |      |      |    |   |                     |    |     |      |      |    |   |             |    |   |     |     |  |  |               |    |     |      |      |    |     |           |    |     |      |      |   |   |                    |  |  |  |  |  |  |              |    |     |      |      |   |   |                                |  |  |  |      |  |  |                                |  |  |  |  |     |  |                                |  |  |  |  |  |     |
| Telephone  | SF   | 576      | 1.10             | 0.63    | 8                                    | -                 |      |     |          |                  |         |                |                   |                         |  |  |  |  |  |  |   |    |    |   |   |    |     |                           |    |     |      |      |    |     |                           |  |  |  |  |  |  |   |    |    |     |      |    |     |            |    |      |      |      |    |     |                      |    |     |      |      |   |     |                |    |     |      |      |   |   |                    |    |     |      |      |    |     |              |    |      |      |      |    |     |          |    |      |      |      |    |   |        |    |      |      |      |    |   |                |    |     |       |      |    |     |           |    |   |        |      |   |   |                     |    |     |      |      |    |     |              |    |     |      |      |    |     |            |    |   |         |      |    |   |                  |  |  |  |  |  |  |          |    |     |      |      |    |   |                     |    |     |      |      |    |   |             |    |   |     |     |  |  |               |    |     |      |      |    |     |           |    |     |      |      |   |   |                    |  |  |  |  |  |  |              |    |     |      |      |   |   |                                |  |  |  |      |  |  |                                |  |  |  |  |     |  |                                |  |  |  |  |  |     |
| <b>LANDSCAPING</b>   |  |          |                  |         |                                      |                   |      |     |          |                  |         |                |                   |                         |  |  |  |  |  |  |   |    |    |   |   |    |     |                           |    |     |      |      |    |     |                           |  |  |  |  |  |  |   |    |    |     |      |    |     |            |    |      |      |      |    |     |                      |    |     |      |      |   |     |                |    |     |      |      |   |   |                    |    |     |      |      |    |     |              |    |      |      |      |    |     |          |    |      |      |      |    |   |        |    |      |      |      |    |   |                |    |     |       |      |    |     |           |    |   |        |      |   |   |                     |    |     |      |      |    |     |              |    |     |      |      |    |     |            |    |   |         |      |    |   |                  |  |  |  |  |  |  |          |    |     |      |      |    |   |                     |    |     |      |      |    |   |             |    |   |     |     |  |  |               |    |     |      |      |    |     |           |    |     |      |      |   |   |                    |  |  |  |  |  |  |              |    |     |      |      |   |   |                                |  |  |  |      |  |  |                                |  |  |  |  |     |  |                                |  |  |  |  |  |     |
| Topsoil/Seed   | SF   | 500      | 0.23             | 0.12    | 4                                    | -                 |      |     |          |                  |         |                |                   |                         |  |  |  |  |  |  |   |    |    |   |   |    |     |                           |    |     |      |      |    |     |                           |  |  |  |  |  |  |   |    |    |     |      |    |     |            |    |      |      |      |    |     |                      |    |     |      |      |   |     |                |    |     |      |      |   |   |                    |    |     |      |      |    |     |              |    |      |      |      |    |     |          |    |      |      |      |    |   |        |    |      |      |      |    |   |                |    |     |       |      |    |     |           |    |   |        |      |   |   |                     |    |     |      |      |    |     |              |    |     |      |      |    |     |            |    |   |         |      |    |   |                  |  |  |  |  |  |  |          |    |     |      |      |    |   |                     |    |     |      |      |    |   |             |    |   |     |     |  |  |               |    |     |      |      |    |     |           |    |     |      |      |   |   |                    |  |  |  |  |  |  |              |    |     |      |      |   |   |                                |  |  |  |      |  |  |                                |  |  |  |  |     |  |                                |  |  |  |  |  |     |
| <b>TOTAL MATERIALS (\$000)</b>   |  |          |                  | 42.0    |                                      |                   |      |     |          |                  |         |                |                   |                         |  |  |  |  |  |  |   |    |    |   |   |    |     |                           |    |     |      |      |    |     |                           |  |  |  |  |  |  |   |    |    |     |      |    |     |            |    |      |      |      |    |     |                      |    |     |      |      |   |     |                |    |     |      |      |   |   |                    |    |     |      |      |    |     |              |    |      |      |      |    |     |          |    |      |      |      |    |   |        |    |      |      |      |    |   |                |    |     |       |      |    |     |           |    |   |        |      |   |   |                     |    |     |      |      |    |     |              |    |     |      |      |    |     |            |    |   |         |      |    |   |                  |  |  |  |  |  |  |          |    |     |      |      |    |   |                     |    |     |      |      |    |   |             |    |   |     |     |  |  |               |    |     |      |      |    |     |           |    |     |      |      |   |   |                    |  |  |  |  |  |  |              |    |     |      |      |   |   |                                |  |  |  |      |  |  |                                |  |  |  |  |     |  |                                |  |  |  |  |  |     |
| <b>TOTAL TROOP LABOR (MHR)</b>   |  |          |                  |         | 454                                  |                   |      |     |          |                  |         |                |                   |                         |  |  |  |  |  |  |   |    |    |   |   |    |     |                           |    |     |      |      |    |     |                           |  |  |  |  |  |  |   |    |    |     |      |    |     |            |    |      |      |      |    |     |                      |    |     |      |      |   |     |                |    |     |      |      |   |   |                    |    |     |      |      |    |     |              |    |      |      |      |    |     |          |    |      |      |      |    |   |        |    |      |      |      |    |   |                |    |     |       |      |    |     |           |    |   |        |      |   |   |                     |    |     |      |      |    |     |              |    |     |      |      |    |     |            |    |   |         |      |    |   |                  |  |  |  |  |  |  |          |    |     |      |      |    |   |                     |    |     |      |      |    |   |             |    |   |     |     |  |  |               |    |     |      |      |    |     |           |    |     |      |      |   |   |                    |  |  |  |  |  |  |              |    |     |      |      |   |   |                                |  |  |  |      |  |  |                                |  |  |  |  |     |  |                                |  |  |  |  |  |     |
| <b>TOTAL EQUIPMENT (\$000)</b>   |  |          |                  |         |                                      | 8.5               |      |     |          |                  |         |                |                   |                         |  |  |  |  |  |  |   |    |    |   |   |    |     |                           |    |     |      |      |    |     |                           |  |  |  |  |  |  |   |    |    |     |      |    |     |            |    |      |      |      |    |     |                      |    |     |      |      |   |     |                |    |     |      |      |   |   |                    |    |     |      |      |    |     |              |    |      |      |      |    |     |          |    |      |      |      |    |   |        |    |      |      |      |    |   |                |    |     |       |      |    |     |           |    |   |        |      |   |   |                     |    |     |      |      |    |     |              |    |     |      |      |    |     |            |    |   |         |      |    |   |                  |  |  |  |  |  |  |          |    |     |      |      |    |   |                     |    |     |      |      |    |   |             |    |   |     |     |  |  |               |    |     |      |      |    |     |           |    |     |      |      |   |   |                    |  |  |  |  |  |  |              |    |     |      |      |   |   |                                |  |  |  |      |  |  |                                |  |  |  |  |     |  |                                |  |  |  |  |  |     |

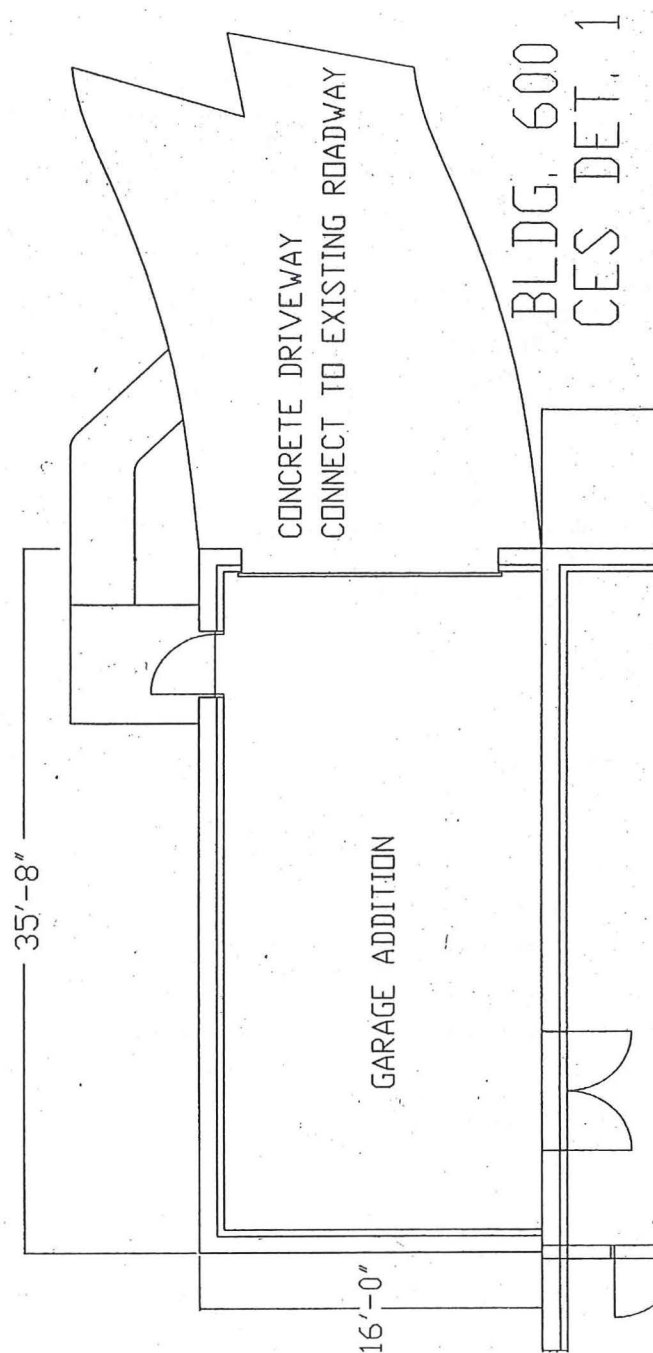
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|--|--|--------------------------------------|
| 1. COMPONENT<br>USAFR  | FY 2003 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE                              |
| 3. INSTALLATION AND LOCATION<br>PITTSBURGH IAP ARS (AFRC)  |  |                                      |
| 4. PROJECT TITLE<br>ADD TO CES DET 1 BLDG 600, MORGANTOWN W.VA.  |  | 8. PROJECT NUMBER<br>QUEF 03-0020 R1 |
| <p><u>PROJECT SITE LOCATION</u><br/>(NO SCALE)</p>  |  |                                      |

|   |  |         |
|---|--|---------|
| 1. COMPONENT<br>USAFR   | FY 2003 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE |
| 3. INSTALLATION AND LOCATION<br>PITTSBURGH IAP ARS (AFRC)       |  |         |
| 4. PROJECT TITLE<br>ADD TO CES DET 1 BLDG 600, MORGANTOWN W.VA. | 8. PROJECT NUMBER<br>QUEF 03-0020 R1       |         |

EXISTING FLOOR PLAN and ADDITION:  
(NO SCALE)





|   |  |                                      |
|---|--|--------------------------------------|
| 1. COMPONENT<br>USAFR   | FY 2003 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE                              |
| 3. INSTALLATION AND LOCATION<br>PITTSBURGH IAP ARS (AFRC)   |  |                                      |
| 4. PROJECT TITLE<br>ADD TO CES DET 1 BLDG 600, MORGANTOWN W.VA.   |  | 8. PROJECT NUMBER<br>QUEF 03-0020 R1 |
| <p><u>BUILDING ADDITION FLOOR PLAN</u><br/>(NO SCALE)</p>  |  |                                      |

|   |  |                                      |
|---|--|--------------------------------------|
| 1. COMPONENT<br>USAFR   | FY 2003 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE                              |
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**CERTIFICATE OF COMPLIANCE  
FOR CRITICAL PLANNING ACTIONS**

**I. INSTRUCTIONS:**

Place one X in the most appropriate response for each topic area to show current status of compliance. When responding to a statement requiring additional data, fill in the blank with appropriate information. If none of the printed statements are appropriate, add or attach an appropriate comment. For MILCON projects, the Base Civil Engineer (BCE) and installation commander must sign the certificate and submit it to the MAJCOM staff where it will be updated, retained, and be readily available if required by HQ USAF.

**II. PLANNING:**

- Environmental Impact Analysis Process (AFI 32-7061)
  - ☐ Categorical exclusion number \_\_\_\_\_ applies.
  - ☐ EA under preparation, Expected Completion Date is \_\_\_\_\_ (date).
  - ☐ Finding of No Significant Impact (FONSI) signed on \_\_\_\_\_ (date).
  - ☐ Draft EIS under preparation. Expected Completion Date is \_\_\_\_\_ (date).
  - ☐ Draft EIS filed on \_\_\_\_\_ (date).
  - ☐ Final EIS filed on \_\_\_\_\_ (date).
  - ☐ Record of Decision signed on \_\_\_\_\_ (date).
  - ☐ Foreign nation or protected global resource exemption number \_\_\_\_\_ applies.
  - ☐ Environmental study (or review underway) under preparation. Expected completion date is \_\_\_\_\_.
  - ☐ Environmental study (or review) completed on \_\_\_\_\_ (date).
  - ☒ AF form 813 submitted on 25 MARCH 2002 (date). Completed \_\_\_\_\_.
- Wetlands (AFI 32-7064)
  - ☒ Project is not sited in a wetland.
- Floodplains (AFI 32-7064)
  - ☒ Project is not sited in a 100 year floodplain.
- Coastal Zone Management (AFI 32-7064)
  - ☒ Project does not directly affect a state coastal zone.
- Coastal Barrier Resources (AFI 32-7064)
  - ☒ Project is not sited within the Coastal Barrier Resources System.
- Threatened and Endangered Species (AFI 32-7064)
  - ☒ Project has no potential for affecting threatened or endangered species or critical habitats.
- Cultural Resource Management (AFI 32-7064)
  - ☒ Consultation with State Historic Preservation Officer (SHPO) not required because survey indicates no eligible historic property.



|   |  |                                      |
|---|--|--------------------------------------|
| 1. COMPONENT<br>USAFR   | FY 2003 MILITARY CONSTRUCTION PROJECT DATA | 2. DATE                              |
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| 4. PROJECT TITLE<br>ADD TO CES DET 1 BLDG 600, MORGANTOWN W.VA.   |  | 8. PROJECT NUMBER<br>QUEF 03-0020 R1 |
| <p>8. Interagency and Intergovernmental Coordination for Environmental Planning (AFI 32-7060)</p> <p><input checked="" type="checkbox"/> Coordination of proposed project with the state Single Point of Contact or other agencies is not required.</p> <p><input type="checkbox"/> Coordination with the state Single Point of Contact is in progress. Expected date of completion is _____ (date).</p> <p><input type="checkbox"/> Proposed project was coordinated with the state Single Point of Contract or other agencies on _____ (date).</p> <p>(Specify agencies)</p> <p>9. Environmental Permits (AFI's 32-7040, 7041, 7042, 7044)</p> <p><input checked="" type="checkbox"/> No permits are required.</p> <p><input type="checkbox"/> No permits required, but regulatory agency notification required prior to construction (e.g. underground storage tank removals)</p> <p><input type="checkbox"/> The following permits are required prior to construction: (List the construction and operating permits).</p> <p>a. _____</p> <p>b. _____</p> <p>10. Potentially Regulated Substances (AFI's 32-1057, 7042)</p> <p>a. Asbestos:</p> <p><input checked="" type="checkbox"/> not present; <input type="checkbox"/> survey will be conducted;</p> <p><input type="checkbox"/> present (Describe mitigation, or state why mitigation not necessary)</p> <p>_____</p> <p>b. Lead-Based Paint:</p> <p><input checked="" type="checkbox"/> not present; <input type="checkbox"/> survey will be conducted;</p> <p><input type="checkbox"/> present (Describe mitigation, or state why mitigation not necessary)</p> <p>_____</p> <p>c. Ozone depleting substance:</p> <p><input checked="" type="checkbox"/> not present; <input type="checkbox"/> survey underway;</p> <p><input type="checkbox"/> present (Describe mitigation, or state why mitigation not necessary)</p> <p>d. Polychlorinated biphenyl's (PCBs)</p> <p><input checked="" type="checkbox"/> not present; <input type="checkbox"/> survey underway;</p> <p><input type="checkbox"/> present (Describe mitigation, or state why mitigation not necessary)</p> <p>e. Radon:</p> <p><input checked="" type="checkbox"/> not present; <input type="checkbox"/> survey underway;</p> <p><input type="checkbox"/> present (Describe mitigation, or state why mitigation not necessary)</p> <p>f. Other known hazardous or toxic substances and pollutants:</p> <p>(e.g. contaminated soils)</p> <p><input checked="" type="checkbox"/> not present; <input type="checkbox"/> survey underway;</p> <p><input type="checkbox"/> present (Describe mitigation, or state why mitigation not necessary)</p> <p>11. Radon at New Construction Sites:</p> <p><input checked="" type="checkbox"/> Not Present</p> <p><input type="checkbox"/> Present</p> |  |                                      |

|  |  |   |
|--|--|---|
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| 4. PROJECT TITLE<br><b>ADD TO CES DET 1 BLDG 600, MORGANTOWN W.VA.</b>   |  | 8. PROJECT NUMBER<br><b>QUEF 03-0020 R1</b> |
| <p>12. Installation Restoration Program (IRP)</p> <p><input checked="" type="checkbox"/> Facility is not sited on or near an IRP site.</p> <p><input type="checkbox"/> Facility is sited near an IRP site. Approximately _____ feet away.</p> <p><input type="checkbox"/> Facility is on an IRP site.</p> <p><input type="checkbox"/> A request for Waiver was submitted to MAJCOM on _____ (date).</p> <p><input type="checkbox"/> The site is projected to be remediated and/or closed out on _____ (date), prior to commencement of construction activities.</p> <p><input type="checkbox"/> The nature of the site does not preclude the type of construction activity proposed.</p> <p><input type="checkbox"/> There is a Compliance Agreement associated with this site.</p> <p><input type="checkbox"/> A Remedial Investigation Feasibility study has/was completed on _____ (date) to accurately delineate the aerial extent of the contamination.</p> <p>13. Air Pollutants (AFI 32-7040)</p> <p><input checked="" type="checkbox"/> Will not be generated by the operation or construction of this facility.</p> <p><input type="checkbox"/> Will be generated by the operation or construction of this facility. (Describe type and amount of substance expected to be generated, existing control systems, and the need for additional controls.)</p> <p><input type="checkbox"/> Conformity determination not required.</p> <p><input type="checkbox"/> Conformity determination required.</p> <p>14. Solid and Hazardous Wastes (AFI's 32-7042, 32-7080)</p> <p><input checked="" type="checkbox"/> Facility will not be used for managing solid or hazardous wastes.</p> <p><input type="checkbox"/> Facility will be used for managing solid or hazardous wastes.</p> <p>15. Underground Storage Tanks (AFI 32-7044) (Check all that apply):</p> <p><input checked="" type="checkbox"/> No underground tanks are involved.</p> <p><input type="checkbox"/> New underground tanks will be installed.</p> <p><input type="checkbox"/> Existing tanks on project site will be removed. Ensure regulatory Agency has been notified.</p> <p><input type="checkbox"/> Existing tanks on project will be retained.</p> <p><input type="checkbox"/> Contamination exists.</p> <p><input type="checkbox"/> Contamination unknown.</p> <p><input type="checkbox"/> Contamination does not exist.</p> <p>16. Air Installation Compatible Use Zone (AFI 32-7063):</p> <p><input checked="" type="checkbox"/> Facility is sited in compliance with Air Installation Compatible Use Zone Study. No noise level reduction is required.</p> <p><input type="checkbox"/> Facility is sited in compliance with Air Installation Compatible Use Zone Study. Noise level reduction of _____ will be provided in design and construction.</p> <p><input type="checkbox"/> Noise waiver request is being processed.</p> <p><input type="checkbox"/> Noise waiver has been granted.</p> <p>17. Base Comprehensive Plan (AFI 32-7063):</p> <p><input checked="" type="checkbox"/> Facility is sited in a compatible land use category.</p> <p><input type="checkbox"/> Facility is not sited in a compatible land use category for the following reason:</p> <p>_____</p> <p>_____</p> |  |   |



|   |   |   |
|---|---|---|
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| <p>18. Airfield Clearance Criteria (AFI 32-1026):</p> <p><input checked="" type="checkbox"/> Facility is sited in compliance with airfield clearance criteria, including clear zone, accident potential zones and airfield airspace (height obstruction criteria).</p> <p><input type="checkbox"/> A request for waiver of airfield/airspace clearance criteria is being prepared. Expected completion date is _____ (date).</p> <p><input type="checkbox"/> A temporary waiver for construction activity in the airfield vicinity was approved on _____ (date).</p> <p><input type="checkbox"/> A permanent waiver of airfield/airspace clearance criteria was obtained on _____ (date).</p> <p>19. Air Space Use:</p> <p><input checked="" type="checkbox"/> Project does not affect air space use and does not require submittal to Regional Administrator, FAA.</p> <p><input type="checkbox"/> Project sent to Regional FAA on _____ (date).</p> <p>20. Explosives Quantity/Distance Siting and Safety Clearance Criteria:</p> <p><input type="checkbox"/> (a) Projects involving munitions storage and explosives related facilities:</p> <p><input type="checkbox"/> Project is not affected by Q/D criteria.</p> <p><input type="checkbox"/> A request for waiver is under preparation. Expected completion date is _____ (date).</p> <p><input type="checkbox"/> Request to waiver safety criteria sent to MAJCOM on _____ (date).</p> <p><input type="checkbox"/> Explosive siting and safety approval obtained on _____ (date).</p> <p><input checked="" type="checkbox"/> (b) Projects not involving explosives:</p> <p><input checked="" type="checkbox"/> Project is not within the Q/D Clear Zone of any existing or proposed explosives related facility.</p> <p><input type="checkbox"/> A request for waiver is under preparation. Expected completion date is _____ (date).</p> <p><input type="checkbox"/> Exemption required and granted on _____ (date).</p> <p>21. Air Base Survivability, Conventional Hardening, Chemical Protection Levels and Priorities, Camouflage, Concealment and Deception.</p> <p><input checked="" type="checkbox"/> Project does not affect airbase operability.</p> <p><input type="checkbox"/> Facility is sited/constructed in compliance with criteria contained in WMP-1.</p> <p><input type="checkbox"/> Waiver or exemption required; request submitted to MAJCOM Civil Engineering Readiness Office, in accordance with WPM-1.</p> <p><input type="checkbox"/> Waiver/exemption granted on _____ (date).</p> <p>22. Allowance for Physically Handicapped:</p> <p><input type="checkbox"/> Project provides all design features for handicapped.</p> <p><input type="checkbox"/> Project provides access and limited features.</p> <p><input type="checkbox"/> Project provides access, but no other features.</p> <p><input checked="" type="checkbox"/> Design features for handicapped are not required.</p> <p><input type="checkbox"/> Design features will not be provided for the following reason: _____</p> <p>23. Real Estate Requirement (AFR 32-9001):</p> <p><input checked="" type="checkbox"/> 1. Project does not require acquisition of real estate interest.</p> <p><input type="checkbox"/> 2. Project requires acquisition of a real estate interest over \$200,000.</p> <p><input type="checkbox"/> 3. Land interest is to be acquired through minor land authority.</p> <p><input type="checkbox"/> 4. Other (Explain): _____</p> |   |   |

|   |   |   |
|---|---|---|
| 1. COMPONENT<br><b>USAFR</b>  | <b>FY 2003 MILITARY CONSTRUCTION PROJECT DATA</b> | 2. DATE                                     |
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| 4. PROJECT TITLE<br><b>ADD TO CES DET 1 BLDG 600, MORGANTOWN W.VA.</b>  |   | 8. PROJECT NUMBER<br><b>QUEF 03-0020 R1</b> |
| <p>24. Facility Security<br/><u>N/A</u> Threat assessment performed by OSI.<br/><u>   </u> Crime prevention through Environmental Design methods to be incorporated into design if warranted.<br/>      (See local Security Police).</p> <p>25. Excess Space:<br/><u>  X  </u> Excess space is not available to satisfy the requirement.</p> <p>26. Temporary Facilities:<br/><u>  X  </u> Temporary facilities are not required.<br/><u>   </u> Temporary facilities are required for this project and will be demolished upon completion.</p> <p>27. A-76 CERTIFICATION<br/><br/><u>  X  </u> The Work prescribed on this document is not included in the performance work statement developed as part of the latest A-76 cost comparison study.</p> <p>I concur with the above statements.</p> |   |   |
| <hr/>   |   |   |
| ROBERT F. MOESLEIN, GM-13<br>Base Civil Engineer  | (date)  | (date)<br>Commander, 911 Airlift Wing       |





**DIVISION OF NATURAL RESOURCES**

**Wildlife Resources Section**

**Operations Center**

**P.O. Box 67**

**Elkins, West Virginia 26241-3235**

**Telephone (304) 637-0245**

**Fax (304) 637-0250**

**Bob Wise**  
**Governor**

**Ed Hamrick**  
**Director**

May 28, 2004

Mr. Robert F. Moeslein  
Department of the Air Force  
911<sup>th</sup> Airlift Wing/CE  
Pittsburgh IAP ARS  
1100 Herman Avenue  
Coraopolis, PA 15108-4421

Dear Mr. Moeslein:

We have reviewed our files for information on rare, threatened and endangered (RTE) species for the area of the proposed garage addition at the Morgantown Municipal Airport in Morgantown, WV.

We have no known records of any RTE species within the project area. The Wildlife Resources Section knows of no surveys that have been conducted in the area for rare species or rare species habitat. Consequently, this response is based on information currently available and should not be considered a comprehensive survey of the area under review.

Enclosed please find an invoice.

Thank you for your inquiry, and should you have any questions please feel free to contact me at the above number, extension 2048.

Sincerely,

A handwritten signature in blue ink, appearing to read "Barbara Sargent".

Barbara Sargent  
Environmental Resources Specialist  
Wildlife Diversity Program

enclosure

g:\BDSInv\USAF.doc

**REFERENCE 4**



**MORGANTOWN, WV CES DET1 BUILDING 600**

**HARTMAN RUN IS A  
TRIBUTARY TO  
DECKER'S CREEK  
WHICH FLOWS INTO  
THE MONONGAHELA  
RIVER**

**SECTION OF 1994 MORGANTOWN, WV NORTH QUADRANGLE  
TOPOGRAPHIC MAP, 7.5 MINUTE SERIES, PRODUCED BY THE  
UNITED STATES GEOLOGICAL SURVEY**

**REFERENCE 5**



# MAP REPOSITORY

City Engineering Department  
389 Spruce Street  
Morgantown, West Virginia 26505  
(Maps available for reference only,  
not for distribution)



## NATIONAL FLOOD INSURANCE PROGRAM

### FIRM FLOOD INSURANCE RATE MAP

CITY OF  
MORGANTOWN,  
WEST VIRGINIA  
MONONGALIA COUNTY

### MAP INDEX

PANELS PRINTED: 1, 3, 4

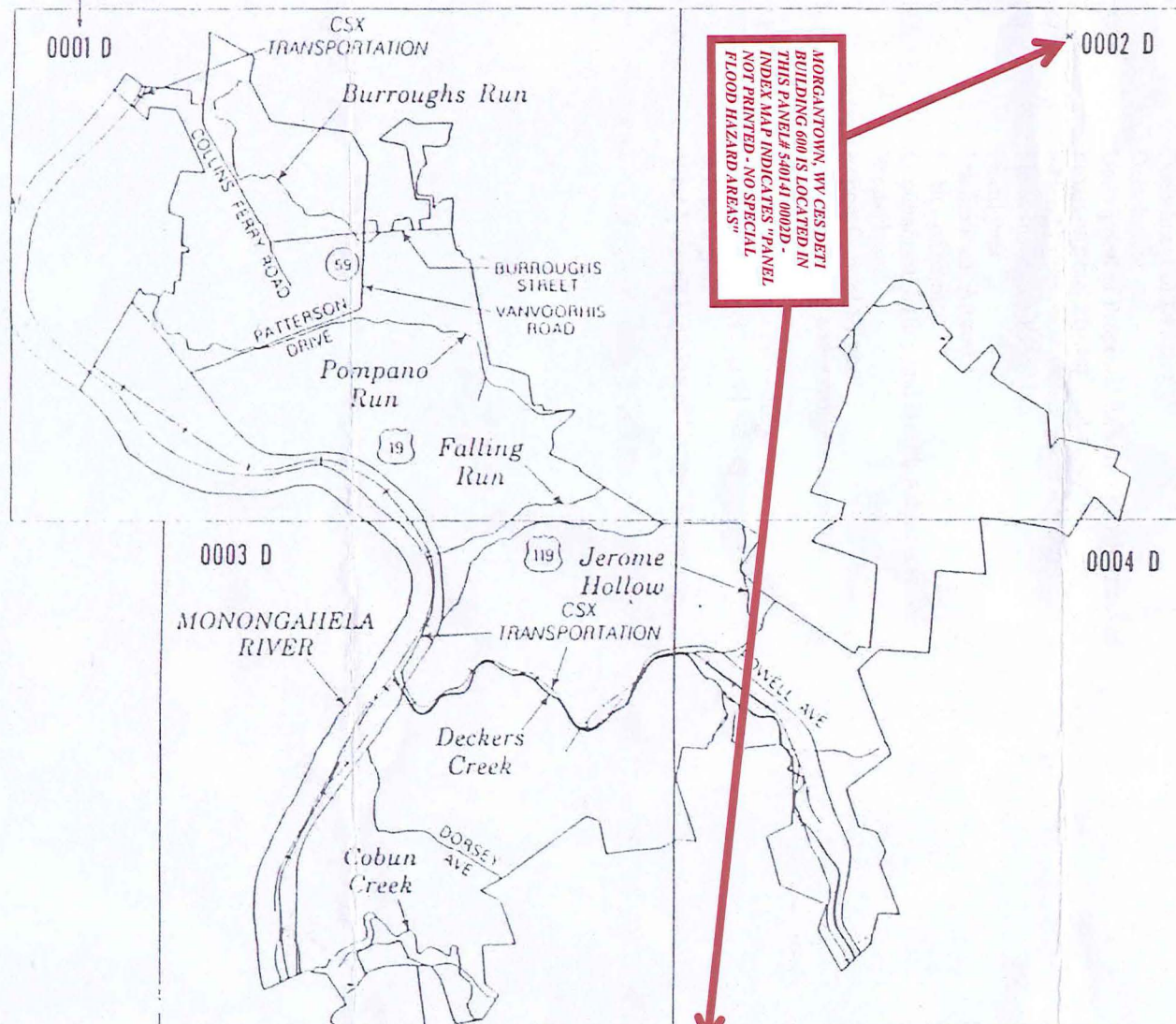
COMMUNITY - PANEL NUMBER  
540141 0001 - 0004

MAP REVISED:  
OCTOBER 18, 1995



Federal Emergency Management Agency

PANEL NUMBER



REFERENCE 6

ENVIRONMENTAL ASSESSMENT  
*QUEF 03-0020, ADD TO CES DET1 BLDG. 600, MORGANTOWN, WV*  
101 HART FIELD ROAD, MORGANTOWN, WV 26505

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APPENDIX A  
ABBREVIATIONS AND ACRONYMS

|       |  |
|-------|--|
| AFI   | Air Force Instruction                            |
| AFRC  | Air Force Reserve Command                        |
| ARS   | Air Reserve Station                              |
| AW    | Airlift Wing                                     |
| CE    | Civil Engineering                                |
| CES   | Civil Engineering Squadron                       |
| CFR   | Code of Federal Regulations                      |
| DD    | Department of Defense                            |
| DET   | Detachment                                       |
| DOPAA | Description of Proposed Actions and Alternatives |
| EPA   | Environmental Protection Agency                  |
| FEMA  | Federal Emergency Management Agency              |
| FIRM  | Flood Insurance Rate Map                         |
| FY    | Fiscal year                                      |
| IAP   | International Airport                            |
| NOI   | Notice of Intent                                 |
| OSHA  | Occupational Safety and Health Administration    |
| PA    | Pennsylvania                                     |
| RCS   | Report Control Symbol                            |
| RTE   | Rare threatened and endangered species           |
| SF    | Square foot                                      |
| USAFR | United States Air Force Reserve                  |
| USGS  | United States Geological Survey                  |
| WV    | West Virginia                                    |
| WVDNR | West Virginia Division of Natural Resources      |



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