

Pre-Construction Risk Assessment	
Infection Control / Safety Construction Permit	
Location of Construction: Bldg# 3 Canopy	Project Start Date: TBD
Project Coordinator: Thomas Bucci	Estimated Duration: 30 days
Contractor Performing Work: TBD	Permit Expiration Date: TBD
Supervisor: Nick Girken	Telephone: 610-384-7711 x3218
Description of project:: Install a new canopy above the handicapped entrance to building 3 Urgent Care	
Construction Activities	
The following projects do not require completion of the Pre-construction risk assessment form:	
<ol style="list-style-type: none"> 1. Paint and wallpaper in business offices and non-patient areas. 2. Paint in patient room if closed for painting and less than 3 sq.ft. of wall needs patched. Filter for room unit changed after painting. 3. Installation of soap dispenser/needle box/paper towel holder in patient room 4. Repair of window blind: 5. Ceiling tile replacement for areas less than 50% of the total square footage of the room, if not in business offices and non-patient areas. 6. Ceiling tile replacement for area less than 5 2 X 2 tiles in a patient area if patient is out of the immediate area and clean up can be accomplished before patient returns. 7. Minimum repair of nurse call system/TV/Bed/Telephone. 8. Check or replace electric outlet. 9. Replace light bulb. 10. Unstop sink/commode with no water on floor. 11. Unstop commode when water on floor requires maintenance to have Housekeeping clean area immediately. 12. Repair medical gas outlet. (Front Body) 13. Air balance readings. 	
Yes	No
X	X
Will there be noise generated that will impact a department adjacent to, above, or below the construction area?	
a. If so, these departments must be notified. Adjacent floor will be notified personally. Duration of drilling is 15 min.	
b. How are you going to reduce the noise to an acceptable level?	
Drilling will be done in the floor underneath and the best time to do it will be coordinated with staff and at their discretion.	
Yes	No
X	X
Will there be vibration generated that will impact a department adjacent to, above, or below the construction area?	
a. If so, these departments must be notified each time this type of work will be performed.	
b. How are you going to reduce the vibration to an acceptable level?	
See above - minimal	
Yes	No
NA	NA
Are Emergency Procedures in place and posted on each job for accidental events that could greatly impact Patient Care or Life Safety to the facility? Included in these procedures are such things as:	
<ul style="list-style-type: none"> • Emergency telephone numbers of key departments. • A plan that describes where main valves, switches, and controls are for the area in case of an emergency. • A plan for unexpected outages. 	
Environment	
Yes	No
X	X
Are any of the following environmental hazards present?	
Will hazardous chemicals be used on this project? How will fumes and odors be controlled? MSDS Sheets are required. IF YES SUBMIT LIST OF CHEMICALS. FUMES WILL BE EXHAUSTED TO THE OUTSIDE.	
Is asbestos abatement required on this job? If so, notify Safety and FES at the activation.	
Will there be hot work done on this project? If there are, then a hot work permit must be posted on the job site. All hot work must have a fire watch assigned to each area while the hot work is being performed.	
Will there be a Confined Space Entry required on this project? If so, the Medical Center's confined space entry program must be	
Utility Failures	
Yes	No
X	X
Will any of the following systems be out of service at any time during the project?	
• Fire alarm (If out for more than 4 hours, Interim Life Safety Measures must be implemented.)	
• Sprinkler (If out for more than 4 hours, Interim Life Safety Measures must be implemented.)	
• Electrical	
• Domestic water	
• Oxygen	
• Sewage	
• HVAC	

Yes	No	
	X	<p>Will there be any work that will require activation of the Interim Life Safety Measures during this project? Some things that trigger ILSM's to be implemented are but not limited to:</p> <ul style="list-style-type: none"> Any construction that impacts an EXIT or stairs, Any construction that impacts major breaches in a fire or smoke wall, Taking the main fire protection system out of service (sprinkler), Taking the main fire alarm system out of service, <p>Implementation of the ILSM requires a fire watch and the ILSM forms to be completed (forms are to be obtained from the Medical Center Fire Department)</p>
Additional Safety Concerns		
Yes	No	
	X	Will construction affect exit routes from occupied areas adjacent to construction site?
	X	Will project affect traffic patterns in area?
		The following must be completed prior to any construction activities.
X		<ul style="list-style-type: none"> Separation wall must be constructed prior to project beginning. Fire protection systems must remain intact. Provide extra fire extinguishers in work areas. Maintain exit lights in work area. Maintain negative air in construction area (24/7) through duration of project. There cannot be any return air from within the construction area to the rest of the building. Redirect exiting not to go through construction area. Put signs on doors into construction area "Construction Area – Do Not Enter". Maintain daily logs and keep a current Hot Work Permit. Place tacky mats at doors interior and exterior exiting construction area. All debris removal must be by covered cart. Maintain clean and orderly work area. How will this project affect the departments above, below and adjacent to this project?
Air Quality and Infection Control		
The construction activity types are defined by the amount of dust that is generated, the duration of the activity, and the amount of shared HVAC systems. Contact CVAMC's Safety Office and Infection Preventionist if any activity is questionable under these guidelines.		
Yes	No	
	X	<p>Will dust be generated during this project?</p> <p><i>If yes, explain location of and plan for interim dust barriers or attach floor plan with barriers clearly marked.</i></p> <p>DUST BARRIERS, ICRA WALLS WILL BE IN PLACE AND MAINTAINED FOR THE DURATION OF THE PROJECT</p>
	X	<p>Will debris removal be necessary? <i>If yes, explain plan for debris removal and control.</i></p> <p>DEBRIS CARTS AND DUMPSTERS WILL BE USED AND COVERED</p>
	NA	Negative airflow ventilation and filtration in place and assessed for effectiveness.
	NA	Exhaust fans in place and functioning.
	NA	Is supply duct to area closed and HEPA filtration unit in place and functioning in adjacent patient care area?
	NA	Will work be done in a sterile area? <i>If so, how are you going to maintain sterile atmosphere in work area and access to and from work area?</i>
Type A Inspections and Non-Invasive Activities or Small scale, Short duration Activities		
Yes	No	
	X	Removal of ceiling tiles for visual inspection (e.g 1 tile per 50 square feet)
X		Painting (but not sanding)
	X	Wall covering—Describe work to be done:
X		Electrical trim work. Describe: Install two exterior LED in the underside of the ceiling
	X	Minor plumbing. Describe:
Type B Small scale, short duration activities that create minimal dust.		
Yes	No	
	X	Installation of telephone and computer cabling
	X	Access to chase spaces
	X	Cutting of walls or ceiling where dust migration can be controlled.

Type C		Any work that generates a moderate to high level of dust or requires demolition or removal of any fixed building components or assemblies.
Yes	No	
	X	Sanding of walls for painting or wall covering
	X	Removal of x <input type="checkbox"/> floor coverings <input type="checkbox"/> ceiling tile <input type="checkbox"/> casework (>50% of surface area) Describe:
	X	New wall construction
	X	Minor ductwork or electrical work above ceilings
	X	Major cabling activities
X		Activity cannot be completed within a single work shift
Type D		Major demolition and construction projects.
Yes	No	
	X	Will require heavy demolition or removal of a complete ceiling system
X		New construction
X		Activities which require consecutive work shifts

GROUP 1 LOWEST	GROUP 2 MEDIUM	GROUP 3 HIGH	GROUP 4 HIGHEST
1) Office areas 2) Hallways 3) Utility areas	1) Bldg. #69 Therapy areas 2) Respiratory Therapy/EKG 3) Outpatient Clinics 4) CBOC's 5) Mental Health Units CLCs(1B, 59B, 138A, 138B, 6) 138E/H) 7) Dining areas (Canteen, 139)	1) Pharmacy Bldg 2 2) Radiology/ CT Scanner Bldg 3 3) Urgent Care Bldg 3 4) Laboratories Bldg 3	SPS. Bldg 4 Respiratory Isolation Rooms – 1B Urgent Care Bldg 3

Contact the Infection Preventionist or Safety Office for risk assessment of any area not listed above.

CONSTRUCTION ACTIVITY (from previous page)		INFECTION CONTROL RISK GROUP (see above)	
Check type of activity		Check risk group	
<input checked="" type="checkbox"/> TYPE A: Inspection, non-invasive activity		X	GROUP 1: Lowest Risk
<input checked="" type="checkbox"/> TYPE B: Small scale, short duration projects			GROUP 2: Medium Risk
TYPE C: Activity generates moderate to high levels of dust, requiring >1 work shift for completion			GROUP 3: High Risk
TYPE D: Major duration and construction activities Requiring consecutive work shifts			GROUP 4: Highest Risk

CLASSIFICATION OF REQUIRED PREVENTIVE MEASURES

CONSTRUCTION ACTIVITY- INFECTION CONTROL RISK GROUP	TYPE "A"	TYPE "B"	TYPE "C"	TYPE "D"
Group 1	I	II	II	III/IV
Group 2	I	II	III	IV
Group 3	I	II	III/IV	IV
Group 4	III	III/IV	III/IV	IV

An Infection Control—Safety Construction Permit is required for Class III or higher projects. Refer to Construction Activity/Risk Group Matrix (above).

CLASS I	1. Execute work by methods to minimize raising dust from construction operations.	2. Immediately replace any ceiling tile displaced for visual inspection. <i>ca NR</i>
CLASS II	1. Provide active means to prevent air-borne dust from dispersing into atmosphere. <i>NR</i> 2. Water mist work surfaces to control dust while cutting. 3. Seal unused doors with duct tape. 4. Block off and seal air vents. <i>ONE</i> 5. Wipe surfaces with disinfectant.	6. Contain construction waste before and during transport in tightly covered containers. 7. Wet mop and/or vacuum with HEPA filtered vacuum before leaving work area. 8. Place dust mat at entrance and exit of work area as needed. 9. Remove or isolate HVAC system in areas where work is being performed. <i>ca NR</i>

CLASS III	<ol style="list-style-type: none"> Obtain infection control permit before construction begins. Isolate HVAC system in area where work is being done to Prevent contamination of the duct system. Complete all critical barriers before construction begins. Maintain negative air pressure within work site utilizing HEPA equipped air filtration units. Contain construction waste before and during transport in tightly covered containers. Seal holes, pipes, conduits, etc. appropriately. 	<ol style="list-style-type: none"> Place dust mat at entrance and exit of work area. Replace as needed. Do not remove barriers from work area until completed project is inspected by Safety and thoroughly cleaned. <p>After work is completed:</p> <ol style="list-style-type: none"> Remove barrier materials carefully to minimize spreading of dirt and debris associated with construction. Remove isolation of HVAC system.
Class IV	<ol style="list-style-type: none"> Obtain infection control permit before construction begins. Isolate HVAC system in area where work is being done to Prevent contamination of duct system. Complete all critical barriers or implement control cube method before construction begins. Maintain negative air pressure within work site utilizing HEPA equipped air filtration units. Seal holes, pipes, conduits, and punctures appropriately. Construct anteroom and require all personnel to pass through this room so they can be vacuumed using a HEPA vacuum cleaner before leaving work site or they can wear cloth or paper coveralls that are removed each time they leave the work site. 	<ol style="list-style-type: none"> All personnel entering work site are required to wear shoe covers Contain construction waste before and during transport in tightly covered containers. Cover transport receptacles or carts. Tape covering. Do not remove barriers from work area until completed project is inspected by Safety and Epidemiology Depts. and thoroughly cleaned. <p>After work is completed:</p> <ol style="list-style-type: none"> Vacuum work area with HEPA filtered vacuums. Wet mop with disinfectant. Remove barrier materials carefully to minimize spreading of dirt and debris associated with construction. Remove isolation of HVAC system.

Additional concerns for all classes:

- SIGNATURE OF RECORD ALL ONSITE CONSTRUCTION WORKERS FOR REVIEW OF FIRE AND LIFE SAFETY PROCEDURES AT COATESVILLE VAMC.
- REVIEW OF INFECTION PREVENTION TRAINING AND CONSTRUCTION SAFETY CHECK LIST.
- Maintain manpower and equipment including dust mops, wet mops, brooms, buckets, and clean wiping rags for cleaning fine dust from floors within the work area (when appropriate) and adjacent occupied areas.
- Contain work areas outside of construction barriers, including spaces above ceilings, with full height polyethylene sheet barrier that will be extended to the deck of the space and will be tightly taped.
- Clean up dust tracked outside of construction area immediately.
- Temporary construction barriers and closures above ceiling must be sealed as described in #4 above.
- Removal of debris must be in covered containers.
- Intermediate jobs that create a moderate amount of dust inside room and is made negative by use of hepa-equipped unit with minimum 10 ACH, and all air discharged outside, hepa unit must run 2 hours after completion of job and Housekeeping must clean room before unit is removed from room. All work and use of hepa unit must be documented and Copy forward to Infection Prevention and Control and Safety. **NOTE: all duct vents and Fan Coil Units to be sealed off during construction.**
- All water lines inactivated for greater than 72 hours must be thoroughly flushed. New piping will be flushed and disinfected prior to use.

Additional Requirements or Concerns:

- THIS PROJECT IS TYPE ^B ~~A~~, GROUP 1, CLASS II
- SUBMIT EMERGENCY PROCEDURES TO BE POSTED
- POST PCRA AND APPROPRIATE CONSTRUCTION SIGNAGE FOR LIMITED ACCESS AND PROPER PPE IN WORK AREA
- CONTRACTOR TO NOTIFY COATESVILLE VAMC CO, COTR, POLICE AND SAFETY OFFICE IF A FEDERAL OR STATE REGULATOR ARRIVE ONSITE TO INSPECT JOBSITE.
- TB risk assessment: for 2016 probability/severity is a 3, which requires continuing evaluation including the annual risk assessment for Coatesville VAMC (CY 2016) places the facility in what the CDC defines as medium risk.. Based on the number of infectious TB patients hospitalized in the last year (<6) and TST/Quantiferon conversion data among healthcare workers the risk is low for transmission. The risk of tuberculosis transmission within the facility will be assessed annually and as needed. Contract employees working in an area where there is known TB or those working on local exhaust ventilation (or within 25 feet of labeled biohazard exhaust vent) airborne isolation in Urgent Care or on 1B will be required to provide proof of TB testing in accordance with VHA Directive 2011-036.
- Dumpsters to have 6' high chain link enclosures.
- No eating, drinking or smoking on the jobsite.

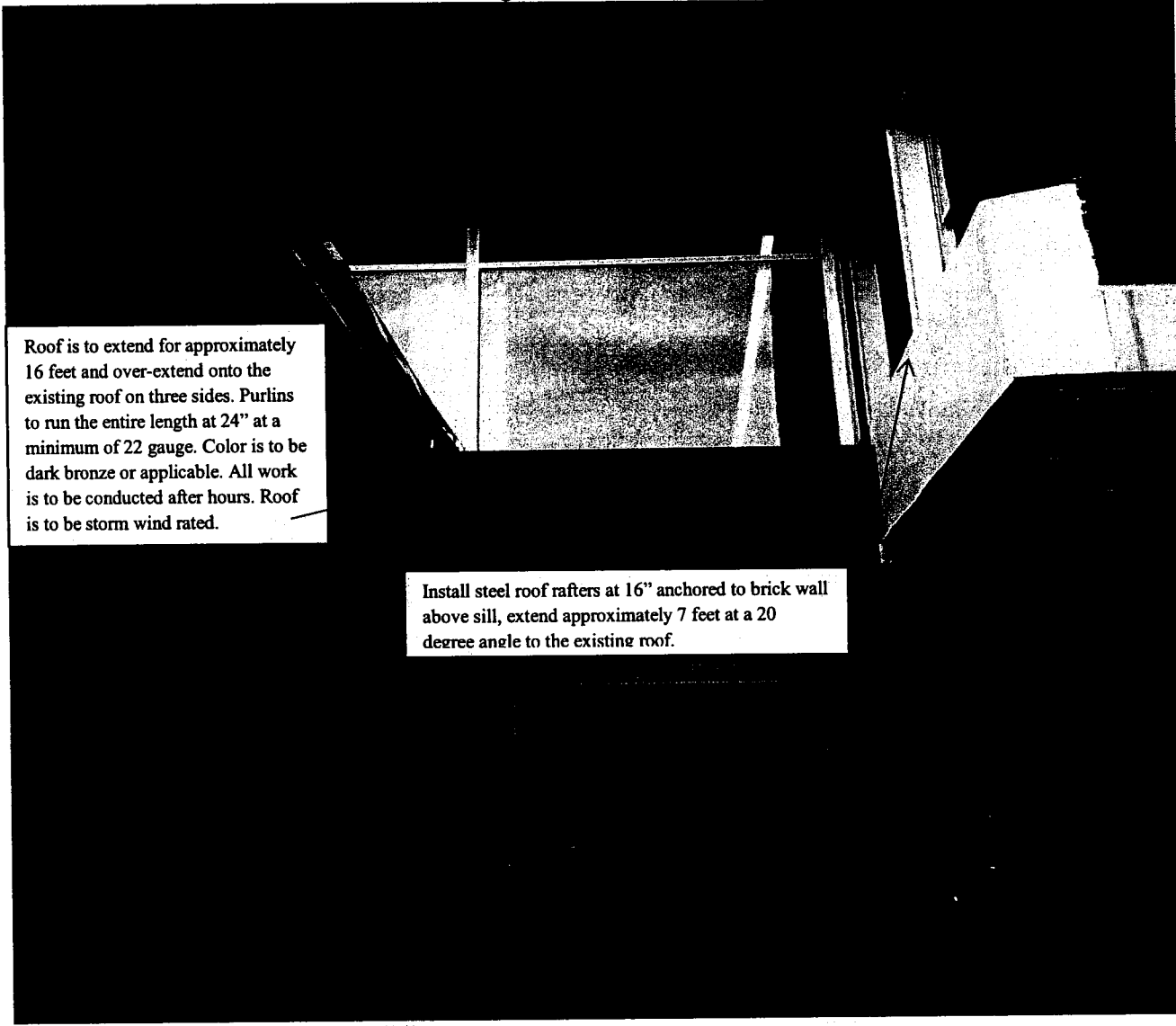
Permit Request By Thomas Bucci	Safety Approval Thomas Yaw <i>Thomas Yaw</i>	Infection Preventionist Approval Janice Myers <i>Janice Myers RAB 10110</i>
Date:	Date: 11/29/2016	Date: 11/22/2016

Coatesville Veterans Affairs Medical Center (CVAMC)
Building 3 Canopy for Handicapped Entrance
542-17-1-5125-0037
August 16, 2016

- Purlins at 24" to extend the length of the opening and overextend the existing roof for approximately 16 feet and are to be secured at east and west ends of the roof.
- Color to be supplied and selected prior to contract award.
- Underside to be composed of a matching material to the existing roof or applicable.
- Install two LED lights underside of roof in the walkway and wired into the existing lighting system.

Point of Contact (POC) and Contracting Officer Representative (COR) for this action is
Thomas.Bucci@VA.gov 610-384-7711 x3218

Coatesville Veterans Affairs Medical Center (CVAMC)
Building 3 Canopy for Handicapped Entrance
542-17-1-5125-0037
August 16, 2016



Roof is to extend for approximately 16 feet and over-extend onto the existing roof on three sides. Purlins to run the entire length at 24" at a minimum of 22 gauge. Color is to be dark bronze or applicable. All work is to be conducted after hours. Roof is to be storm wind rated.

Install steel roof rafters at 16" anchored to brick wall above sill, extend approximately 7 feet at a 20 degree angle to the existing roof.

Specific

- Erect a metal canopy over the walkway for the handicap area entrance to Building 3 Urgent Care. All roof materials and design shall accommodate storm wind ratings.
- Install structural steel support rafters and header to mount to the brick wall above the concrete sill on the north wall of building 3. Rafters at 16" to extend at approximately a 20 degree angle for approximately 7 feet to overextend to the existing roof in a south direction are to be secured.

Coatesville Veterans Affairs Medical Center (CVAMC)

Building 3 Canopy for Handicapped Entrance

542-17-1-5125-0037

August 16, 2016

- All debris is to be removed from site and recycled. Any construction damage incurred because of installation is the responsibility of the contractor to include drywall and finishing.
- Contractor is to provide 6' x 12' chain link fencing under roof site.
- If at any time during the construction something is uncovered that poses a risk to safety or function in any facet of the CVAMC, the contractor will cease production and notify the COR and will not proceed until authorized in writing by the COR.
- Contracting Officer Representative for this action is Thomas.Bucci@VA.gov

Coatesville Veterans Affairs Medical Center (CVAMC)
Building 3 Canopy for Handicapped Entrance
542-17-1-5125-0037
August 16, 2016

From: Coatesville Veterans Affairs Medical Center (CVAMC)
1400 Black Horse Hill Road
Coatesville, PA 19320

Through: Nicholas Girken, Project Section Supervisor CVAMC, Roland Ducharme, Chief Engineer, CVAMC

Re: Statement of Work Building 3 Roof

Date: August 16, 2016

POC: Thomas Bucci, 610-384-7711 x3218 or Thomas.Bucci@va.gov

Statement of Work for the Building 3 Roof

General

- Work to be completed within 60 days of the award of contract.
- Work to be performed after hours due to extensive traffic in this doorway. Any additional disruption of to the facility must be coordinated through the aforementioned management.
- Suitable line voltage electric will be supplied by CVAMC personnel.
- This project will force the closure of the handicapped entrance to the facility. As this is the main entrance in to the facility, contractors will make every attempt to allow passage for all personnel aside from the Handicapped Entrance which will be closed off. If at any time additional doorways have to be closed off, immediate coordination will be made with the Contracting Officer Representative (COR) and a schedule change will be made.
- Contractors are to be fully briefed on the importance of tool safety where applicable to patient care.
- Contractor is to provide all tools and materials to perform the job.
- All material and works are to be American with Disabilities Act (ADA) compliant.