

Project Comment Form

November 16, 2021

Project Information:

CRS# 61232679

Multicare Good Samaritan Hospital

Chapter 246-320 WAC Hospital

PO Box 47852

111 Israel Rd. SE.

Tumwater, WA. 98501

www.doh.wa.gov/crs

tel. 360-236-2944

fax.360-236-2321

Project Title: Center Wing AHU Replacement

Project 401 15th Ave SE
Location: Puyallup, WA 11111

Local Permit #:

Electronic Submittal. Plans will be delivered to:

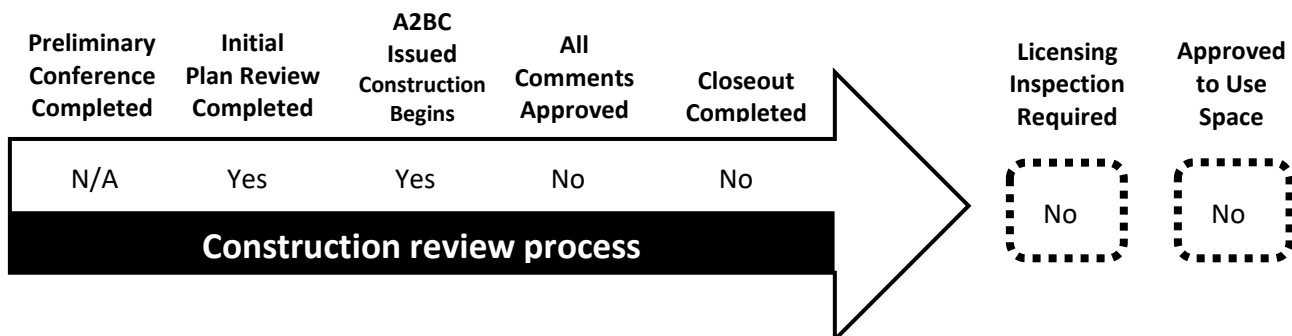
Name: Amanda Moore
Email: permits@macmiller.com
Phone #: 206-867-4133

Key Contacts:	Company	Name	Phone	Email
DOH Reviewer		Janet Smoot	(360) 236-2970	janet.smoot@doh.wa.gov
Facility Contact:	GSH	Steve Prideaux	253-732-5849	
Facility Admin.:	GSH	Stefanie Dyer	253-208-0911	sdyer@multicare.org
Arch./Eng.:	MAC.M	Amanda Moore	206-867-4133	permits@macmiller.com
Other:				
Other:				
Other:				
Other:				
Local AHJ:	City of Puyallup	Ray Cockerham	(253) 841-5585	rayc@ci.puyallup.wa.us
Add'l Copies To:	<input type="checkbox"/> L&I Electrical Section <input type="checkbox"/> L&I Factory Assembled Structures <input type="checkbox"/> Local Electrical AHJ			

Project Status:

-Authorized to Begin Construction-
Comments are NOT APPROVED

The Construction Documents have been reviewed and found acceptable. All plan review comments have not been approved. **Construction can begin**, subject to construction permitting from the local building official. See page two for important next steps.



To avoid delays it is important you follow these Next Steps:

Respond to Comments:
<ul style="list-style-type: none">• Revise project documents to be compliant with applicable rules and the review comments attached to this form.• Respond, in writing, to the comments attached to this form.• Submit revised plans and responses to comments to the Construction Review Services.
During Construction
<ul style="list-style-type: none">• Maintain a copy of the A2BC drawing set on the project site.• Submit any changes to the A2BC set to CRS for review and approval prior to executing the work.

If you have any questions please contact Construction Review Services (360) 236-2944. You can monitor project status and history at www.doh.wa.gov/crs.

Project Details (for internal use only)

Occupancy Type IBC: I-2 IBC: IBC: NFPA 101:		Construction Type IBC: 1-A IBC: IBC: NFPA 101: NFPA 101:		Fed Code: 2012 NFPA 101 Building Code: 2018 IBC Licensing Code: FGI 2014	
Number of Beds Added:		Removed:		CON Required? <input type="checkbox"/> Yes <input type="checkbox"/> No CON Approved <input type="checkbox"/> Yes <input type="checkbox"/> No	
	Req'd	Provided	Type/category	Are Hospital inpatients seen at this location? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Automatic Fire Sprinkler System:	Yes	N/A	13	Are planned residents/patients incapable of self preservation? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Automatic Fire Alarm System:	Yes	N/A		If yes, how many?	
Emergency Power System:	Yes	N/A	Type 1 EES	Is sedation provided? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Medical Gas System:	Yes	N/A	Category 1	If yes, max. planned level?	
Smoke Compartmentation:	Yes	N/A		Is space Medicare certified? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Building Department contacted?			Estimated construction completion:		
REVIEW NOTES	Replacement of AHU serving the Pavilion. This unit is being ordered with all the latest smoke equipment and tied ins needed for dividing the the floors or spaces as needed so the entire building does not shut down during an alarm event. That is going to be a separate project in the future.				
DSHS	For Assisted Living Facilities Only			Total Sleeping rooms . Discussion with Steve Prideaux	
	Minimum required area of day rooms/areas			Total Approved beds	
	Total area provided in day rooms/areas			Total Contract beds	
NOTES TO SURVEY					

Plan Review Comments:

Comment ID#	Approved	Not Approved	
1	<input checked="" type="checkbox"/>		<p>Provide more information on the continuity of services for the facility. Certain areas cannot be down for 30-60 minutes without HVAC. (Operating rooms, ICU, Airborne Isolation rooms etc). What is the plan for continuity HVAC to these critical areas and others during the down times?</p> <p>WAC 246-320-505 (2)(b)(i)(B)</p> <ul style="list-style-type: none"> b) It is mentioned CWF-1 will remain operational. Does CWF-1 handle the exhaust from these critical areas? c) Only 50% of the air is provided during the AHU demolition. Which areas will be served? <p>Approved 11.15.2021 – email and phone call from Joe Brucker, on 11.15.2021, at Macdonald Miller clarified there are no critical areas served by this AHU. All critical areas for OR, Pharmacy and Isolation rooms are served by other AHU’s. Exhaust will remain continuous. Some non critical areas will have reduced supply for a short time. All rooms with required pressure per ASHRAE 170 will remain operational per the standards.</p>
2		<input checked="" type="checkbox"/>	<p>The narrative general notes identifies room pressure checks are to be performed <u>after</u> cutover and adjustments made to maintain pressure relationships. I know the air volume will be taken at the unit but some critical spaces will also need to be verified after the installation.</p> <p>Provide a Tab report for the spaces that are critical and/or require pressurization per ASHRAE 170, Table 7.1. This should include spot checks for areas on <u>each floor</u> that are pressurized. It would not have to include all spaces that are pressurized. I would suggest areas listed below in comment 3 be tested to verify the appropriate air is reaching those spaces.</p> <p>Deferred 11.15.2021 – A pre and post TAB will be performed.</p>
3	<input checked="" type="checkbox"/>		<p>The plans provided for areas served is unclear. Most of the building is greyed out and other areas full intensity with different notes attached to them such as “non-patient area”, “ under construction – no patients”, or “Monday – Friday 7am-4pf PT/OT patients”. Am I to assume the greyed out portions are the area served by the AHU?</p> <p>If the greyed out areas are the spaces affected by the replacement, provide a narrative of how the critical areas such as Operating rooms, PACU, Intensive Care, Airborne Isolation rooms, laboratories and Pharmacies remain with correct supply, return and temperature. These areas cannot be shut down for 30-60 minutes if they are active.</p>

This same continuity of services applies to the heat pump, chilled water pumps and heat recovery pumps. When the proposed reduction 1 one pump is there adequate capacity to serve the critical areas at all times?

WAC 246-320-505(2)(b)(i)(B)

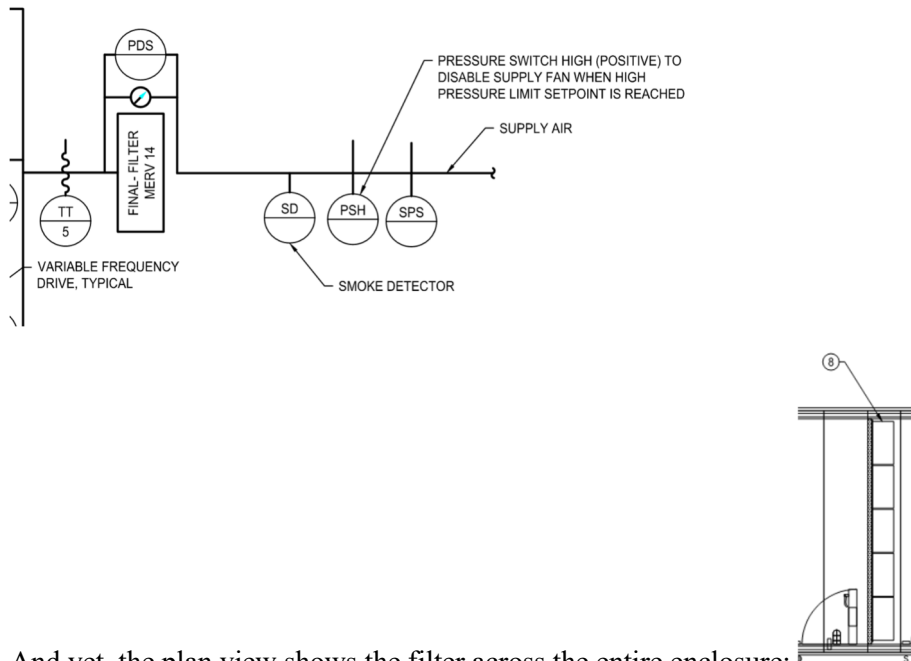
Without a clear understanding of continuity of services in the critical areas this project cannot be designated as Authorized to Begin Construction.

Approved 11.15.2021 – email and phone call from Joe Brucker, on 11.15.2021, at Macdonald Miller clarified the areas greyed out are areas not served by the new AHU. This AHU is a 100” outside air unit and therefore the heating water tempers the air to provide a constant 55 to 60 degree air depending on the time of year. Patient areas have zone level reheat boxes to maintain comfort during the short down times. No need for chilled water to cool at this time of year.

4

Note: Clarify the detail on sheet TM4.01.

This shows the ductwork connecting to the final filter but not going thru it. It shows the air flow going around it.



And yet, the plan view shows the filter across the entire enclosure:

Compliance with the comments above provided by the Department of Health, Construction Review Services, are necessary for this facility to meet the cited requirements of the applicable licensing regulations found in the Washington State Administrative Code and associated references. These comments, authorization to begin construction or final project approval do not relieve the facility from the responsibility to meet the requirements of any applicable federal, state or local regulations. In the event of conflicts between other jurisdictions and these written comments, the most stringent shall apply. The building owner or operator is ultimately responsible for safety and insuring the building is in compliance with all applicable laws.