



MEMORANDUM

TO: Christopher Schlaps, AIA
Director, Facilities Planning 

FROM: Heather Graham Lewis, AIA
Architectural Manager 

DATE: September 8, 2016

SUBJECT: University Hospital South (UHS) Complex
Buildings 0309, 0312, 0314 and 0318
Authorities Having Jurisdiction (AHJs)

Summary:

Questions have arisen over the Authorities Having Jurisdiction for various areas of the University Hospital South complex. Please refer to the current Fire/Smoke Partitions Drawings on the UMHS Facilities Planning Website.

<http://www.med.umich.edu/facilities/plan/vn/bldg/0312.html> . A sample is attached.

The areas marked with diagonal crosshatching are non-Health Care Occupancies within a Health Care Occupancy Building, separated by two hour fire rated occupancy barriers. These areas are NOT subject to the state of Michigan Bureau of Fire Services plan review; however they are subject to University of Michigan Fire Marshal plan review, inspection and approval.

History:

Unit 1, Building 0309:

Women's Hospital opened in 1950 as an inpatient hospital. It has been decommissioned as a hospital, and has been used for staff offices. Note all of UHS Unit 1 (old Women's Hospital) building #0309 is separated from the rest of the complex with 3-hour rated walls. This building is entirely business, is not fully fire suppressed, and has its own fire alarm system. It falls entirely under the UM Fire Marshal and is not under state jurisdiction.

Unit 2, Building 0312:

"Old Mott" CS Mott Children's Hospital (Unit 2, Building 0312) opened in 1969 as an inpatient Hospital. A replacement Mott Children's Hospital opened in 2011, and the active inpatient licensed beds, ORs, and Imaging licenses were transferred to the new Hospital (Building 5173).

The Mott Expansion project in the early 1990's added a Business wing to the west of the original "Old Mott" Hospital, with occupancy separations from the inpatient hospital building. It also connects to, but has occupancy separations from, the Med Inn Building (0308) and the East

Mechanical Building (0306). It has never been inpatient space, although outpatients were seen in some areas until 2011.

In March, 2013, a written agreement was made by Bob Harris with Kasra Zarbinian, PE, then Manager of the Michigan Health Facilities Engineering Section. This agreement allowed for reuse of portions of the “old Mott” hospital for inpatient use, “as-is” with no physical changes to the floor plans.

In 2015 Level 4 of Unit 2 has opened with a combination short-stay/inpatient nursing unit with 13 licensed beds. Two additional inpatient palliative care beds opened in 2016.

In 2015, Rob Gruesbeck from HFES walked levels 5 and 6 of Unit 2 with Samir Karim and Heather Lewis, identifying inactive (“phantom”) licensed private inpatient beds. Level 5 has 20 licensed beds and Level 6 has 14 licensed beds. These rooms are being utilized as office space as of this date, however the area remains inpatient. These licenses might be used in the designated rooms, or they may be moved to a new Inpatient building in the future.

Unit 3, Building 0314

Holden Hospital was opened in 1972 as an inpatient building. When Unit 4, Building 0318 was constructed, this building was no longer visible from the exterior; it was surrounded by other buildings.

Unit 4, Building 0318

Maternal and Child Health Center opened in 1990 as an inpatient building. The Child and Adolescent Psych inpatient beds were moved from MCHC (Unit 4) to new Mott in 2016, so there are no longer inpatient beds in MCHC. The main lobby of the MCHC was physically attached to the outpatient Taubman Health Center, and the occupancy separation was such that the main lobby was B occupancy (similar to the main entrance to UH). Prior to the new Mott hospital opening in 2011, a portion of the original main “Big Bird” lobby was separated from the rest, to create an inpatient corridor connecting the new Mott Hospital to the rest of the campus with a 2-hour occupancy separation.

Fire Suppression, Alarms, and Separations:

Unit 1, Building 0309

All of old Women’s Hospital building #0309 is separated from the rest of the complex with 3-hour rated walls. The building is not fully fire suppressed, and has its own fire alarm system.

Units 2, 3 and 4:

These buildings are fully fire suppressed. A multi-year fire alarm replacement project is currently being completed on all floors. These buildings are mixed Inpatient Healthcare and Business Occupancies, with 2-hour occupancy separations between the occupancies.

Authorities Having Jurisdiction:

Unit 1 (0309)

This building is entirely business, and it falls entirely under the UM Fire Marshal. It is not under state jurisdiction.

Units 2, 3 and 4:

Renovations within these buildings in the inpatient zones are under the jurisdiction of the Michigan BFS, and if they are patient care areas, Michigan HFES. As the fire alarm system and the fire suppression systems in these buildings, are one system, all modifications to these systems in these buildings are required to be submitted to MBFS for shop drawing approval and inspection.

Exiting:

If it is necessary for healthcare occupancy to exit through non-healthcare occupancy spaces, per NFPA 101, 2012, Chapters 18 and 19, the means of egress on the non-healthcare side of the 2-hour occupancy separation would need to either:

1. Meet the means of egress requirements for Healthcare, or
2. The occupancy separation would need to be changed to a horizontal exit, in which case the means of egress on the other (non-healthcare) side of the horizontal exit would need to meet the requirements for the other occupancy.

At this time it is our intention to comply with option 1.

Confirmation with AHJ's:

On July 1, 2015, I met with Ian Steinman and the team of University of Michigan Fire Inspectors and reviewed the drawings and this approach with them; they concurred unanimously.

On July 1, 2015, I spoke with Mr. Brian Williams at the Michigan Bureau of Fire Services, and subsequently sent him a copy of the UHS Fire/Smoke Barrier drawings. He confirmed by email to me on July 6, 2015 that he concurred with this approach, and had copied the state Fire Marshal and the Detroit Regional Field Supervisor.

On July 22, 2015, I gave Mr. Rob Gruesbeck from the Michigan Health Facilities Engineering Section a copy of the UHS Fire/Smoke Barrier drawings. In our conversation he was satisfied with the approach and concurred with MBFS.

Please contact me if further clarification is required.