



NC DEPARTMENT OF
**HEALTH AND
HUMAN SERVICES**

ROY COOPER • Governor

MANDY COHEN, MD, MPH • Secretary

MARK PAYNE • Director, Division of Health Service Regulation

September 9, 2021

Mr. Matthew Bertagnole, CEO (via e-mail only)
Good Hope Hospital
410 Denim Drive
Erwin, NC 28339

Re: Project No. HL-12303-DLJ/RWW
FID No. 943190
Good Hope Hospital
Airborne Infection Isolation Room Renovation
Erwin (Harnett County)

Dear Mr. Bertagnole:

The engineering portions of the construction documents dated March 24, 2021 (received April 16, 2021 – fee paid May 7, 2021) for the referenced project above have been reviewed for conformance with licensure rules for Hospitals (10A NCAC Chapter 13 Subchapter B). The drawings are not approved until we receive satisfactory written responses to architectural comments in DHSR letter dated June 2, 2021 and to the following engineering comments:

1. Reference Sheet M1.1: What is the location for the emergency stop switch for the new AHU-1? Please indicate on the drawings. [2018 NCMC 405.2]
2. Reference Sheet M1.1: A note on Detail 2 indicates a discharge cap on the AII exhaust outlet. Please note, the outlet must discharge in a vertical direction with no rain cap or other device to impede vertical movement and must be at least 10 feet above roof level. [2017 ASHRAE 170 6.3.2.2.a.] Revise the drawings as necessary.
3. Reference Sheet M1.1: Detail 2 on this sheet indicates 10 feet clearance between AII exhaust and any outside air intake. The required separation is minimum 25 feet from all outdoor air intakes, openable windows, and areas normally accessible to the public. [2017 ASHRAE 170 6.3.2.2.c.] Please revise the drawings as necessary.
4. Reference Sheet M1.1: Please confirm the anteroom pressure relationships with adjacent spaces (comply with 2017 ASHRAE 170 7.2.1.g. Revise the drawings as necessary.
5. Reference Sheet M1.1: The drawings indicate air change requirements per the 2018 NCMC. Verify that all AII room requirements of 2018 FGI/2017 ASHRAE 170, including Tables 6.4, 6.7.2, and 7.1, are also met. Please revise the drawings as necessary.
6. Reference Sheet P1.1: The type, quantity, and location of medical gas outlets provided to these renovated rooms is not indicated on these drawings. As the bed location is changed within the scope of this project, provide updated medical gas drawings that comply with 2018 FGI, Table 2.1-3 and 2012 NFPA 99, Chapter 5.

NC DEPARTMENT OF HEALTH AND HUMAN SERVICES • DIVISION OF HEALTH SERVICE REGULATION

CONSTRUCTION SECTION

LOCATION: 1800 Umstead Drive, Williams Building, Raleigh, NC 27603
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7. Reference Sheet E1.1: The quantity and location of electrical outlets indicated in these renovated rooms do not comply 2018 FGI, Table 2.1-2. Revise the drawings to indicate all new and/or existing outlets and to meet these requirements.
8. Reference Sheet E1.1: The drawings indicate two branch circuits in each room; Confirm that at least one circuit is from the critical branch of the essential electrical system and one from the normal system. [2017 NEC 517.18 (A)] This could not be determined from the drawings
9. Reference Sheet E1.1: Only general lighting is indicated in the AII rooms. Please address the following:
 - a. How will light for reading be provided to each patient bed? This is not indicated on the drawings. [2018 FGI 2.1-8.3.4.3 (1)(a)]
 - b. How will night lighting be provided in each patient room? This is not indicated on the drawings. [2018 FGI 2.1-8.3.4.3 (1)(b)]
10. Reference Sheet E1.1: In the new AII rooms, anterooms, and bathrooms, please indicate which selected receptacles and task lighting are powered by the critical branch of the essential electrical system. This could not be determined from the drawings. [2017 NEC 517.34 (A) (8)]
11. Reference Sheet E1.1: No electrical outlet is indicated in the patient bathroom. Is there a need to provide a GFCI outlet in this space?
12. Reference Sheet E2.1: No nurse call devices are indicated in the AII rooms or patient bathrooms. Provide devices as required per 2018 FGI 2.1-8.5.1.2 and 2-18.5.1.3 and Table 2.1-2. Revise the drawings as necessary.

It is our understanding that this project was designed under the 2018 edition of the North Carolina State Building Codes as a partial renovation of a fully-sprinklered building of Type II-B construction under Group I-2 occupancy. The project has also been reviewed for Medicare/Medicaid certification under NFPA 101 Chapter 18 New Health Care Occupancies. You may access licensure rules at our DHSR website:

<http://info.ncdhhs.gov/dhsr/testrules.htm>.

Please use our Project No. HL-12303-DLJ/RWW and FID No. 943190 on all correspondence related to this project. If you have any questions or if we can be of any further assistance, please contact our office at the telephone number or e-mail address listed below.

Sincerely,



Rex W. Williams
Engineering Plan Reviewer
DHSR Construction Section
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(919) 855-3993

cc: TFF Architects & Planners, LLP – Steve Freyaldenhoven (via email only)
Town of Erwin Inspections Department – Snow Bowden (via email only)
DHSR Acute and Home Care Licensure and Certification Section–Linda M. Johnson (via email only)