TERPconsulting prepared the following temporary exiting assessment for the existing UNLV Lied Library at 4505 S. Maryland Parkway.

INTRODUCTION

During the winter break, the UNLV Lied Library will undergo a flooring remodel limited to the First Floor (grade level). The five (5) story building will be closed during this time; however, facility staff will require building access for limited work sessions during the break. The building is not expected to be fully occupied by staff and only limited areas of the building will be utilized.

The flooring remodel is limited to the First Floor main lobby and its associated circulation areas stretching between the multiple exterior exit/entry doors. Temporary construction walls will be provided around the work area until project completion; as such, ingress and egress from the project areas will be limited to construction staff only. The intent of this letter is to demonstrate how compliant egress systems will be maintained from the staff-occupied library spaces during the winter break.

TEMPORARY EGRESS CONDITIONS

The Lied Library First, Second and Third Floors will be utilized during the winter break; there are no office areas on Floors 4 or 5 that will be utilized. All occupiable areas are limited to Group B (business) use – specifically facility office space. The maximum occupant load during the winter break will be approximately 130 occupants; equivalent to the number of UNLV employees with offices within the library.

The building is provided with four (4) fire-resistance rated exit stair enclosures that serve the First through Third Floors. All of these exit stairs will be accessible during the remodel; as such, the Second and Third Floors will not have any exit restrictions.

The open staircase connecting the First through Third Floors and the escalator connecting the First and Second Floors will be provided with temporary construction barriers to contain construction dust to the First Floor; as such, there will be no access to either during the construction project. The open stair is not required for exiting and access will not be restricted to the exit stair enclosures.

The exit stair enclosures also include access doors to allow for egress from First Floor spaces. The First Floor remodel will essentially separate the floor into three (3) individual work areas.
The northeast work area will be provided with a single exit through the stair enclosure. This area contains individual offices and work circulation areas and will be limited to 49 occupants or less. Student spaces such as the Interactive Learning Room will not be utilized in the work area.

The remaining work areas will be provided with at least two (2) exits and all exiting will remain compliant. As detailed above, the total maximum occupant load across all three floors will be 130 and a minimum of two (2) exits are provided from each floor.

The occupants utilizing the building will be limited to facility staff familiar with the building egress system and well-informed of the remodel. The occupants will be provided with sufficient exit width and number of exits from each occupiable area. See attached small scale diagrams for more details.

Building elevators will remain operational during the project; however, the two (2) elevators with landings in the First Floor project area will be temporarily programmed to not stop on First Floor during the remodel. This will prevent library occupants from inadvertently entering the construction area. An elevator within the First Floor northeast work area will be utilized for access to and from the floors above.

All exits will be fully operational following the remodel. Main entrance doors that open directly to the work area will be locked and accessed only by the construction crew. Access will be provided into the work areas for construction crew and may be utilized by emergency responders during an emergency event. No permanent modifications will be made to the exits.

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Prepared by:

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