1. **ITEM:** Science & Research 2 Stairwells – State Fire Marshal Office Violation #19
2. **REQUESTING DEPARTMENT:** Facilities Management – Minor & Planned Projects and UH Fire Marshal Department
3. **CONTACT NAMES & PHONE NUMBERS:**
   - FM – Minor & Planned Projects
     - Barry Simons, Sr. Project Manager
     - 713-743-9073
     - Stephanie Anorga, Fac. Project & Admin Coordinator, 713-743-0354
4. **PRESENTER:** Barry Simmons
5. **RECOMMENDATION/ACTION REQUESTED:** Approval
6. **SUMMARY:**
   The project is to address the Life Safety Code, Means of Egress violations identified by the State Fire Marshal in the Science and Research 2 Building.

   Currently both exit stairway enclosures discharge into the interior ground level of the building. This poses a serious life safety violation if a fire were to occur on the ground level of the building. It would require building occupants from various upper level floors to enter the ground floor prior to exiting to the exterior of the building.

   Proposed resolution:
   - Provide new doors (new openings) on exterior walls within (or near) stair enclosures to allow for exit discharge directly to exterior of building.
   - Scope of work also includes modifications to portion of ground floor corridor to create new exit passageway (protected – extension of stair enclosure).
   - Modifications to existing Mechanical/HVAC and Electrical/Lighting will be needed to accommodate new construction.
7. **PROPOSED START DATE:** Upon approval
8. **SUPPORTING DOCUMENTATION:**
   - Location plan
   - State Fire Marshal Violation
   - Conceptual Plan showing scope renovations
   - Renderings
GENERAL DEMOLITION NOTES

1. All demolition work is to be done in accordance with all applicable state, local, and federal regulations.

2. Contractor is to provide necessary signage, barricades, and other devices for protection of the public and construction workers prior to resuming any work.

3. Contractor is solely responsible for the execution and protection of all electrical wiring. The contractor shall notify all utility companies prior to construction.

4. Dispose of all debris legally on-site according to specifications.

5. The contractor shall be liable for any changes to existing electrical, plumbing, and mechanical systems that may be necessitated by demolition or removal.

6. The contractor must take all necessary actions to ensure proper safety and compliance with local codes and regulations.

7. During demolition, contractor is to protect adjacent areas from dust, debris, noise, and other hazards.

8. Prior to commencement of demolition work, contractor is to inspect all areas in the building for the presence of any hazardous materials that may be present. If any hazardous materials are discovered, the contractor is to remove them and inform the owner and appropriate authorities.

9. The contractor is to provide temporary support for any structural elements that may be affected by the demolition. These temporary supports shall not reduce the load-bearing capacity of the structure.

10. Contracted for demolition shall be removed and disposed of in accordance with local regulations.

11. Contractor is to notify the owner and appropriate authorities of any changes to structural elements that may be affected by the demolition.

12. Contractor is to remove all debris and waste from the site in accordance with local regulations.

13. Contractor is to provide temporary support for any structural elements that may be affected by the demolition. These temporary supports shall be removed once the demolition work is complete.

14. Contractor is to ensure that the site is in compliance with all applicable local regulations and permit requirements.

15. Contractor is to provide temporary support for any structural elements that may be affected by the demolition. These temporary supports shall be removed once the demolition work is complete.

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KEYED NOTES

1. New insulated tempered glass - watch opening
2. Existing 1/4" laminated glass
3. Remove existing interior side jamb
4. New aluminum framing & glass system
5. Existing aluminum framing system and cladding to remain

DOOR & FRAME ELEVATIONS

B (90 MIN. RATED H.M. FRAME)

HEAD, JAMB, & SILL DETAILS

SILL @ 1ST FLOOR

JAMB @ 2 HR. RATED WALL - HEAD SIM.

HEAD