## Agenda Item Description Form

### 1. ITEM:
Philip G. Hoffman Hall Stairwells – State Fire Marshal Office Violation #22

### 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 Philip G. Hoffman 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 exit discharge directly to exterior of building by reconfiguring ground level plan to reduce lobby enclosure associated with each exit stair and provide new exterior curtain wall with egress doors at elevator lobby.
- Modifications to existing Mechanical/HVAC and Electrical/Lighting will be needed to accommodate new construction.

The work will include rooms/spaces Lobby #100 and Lobby #111 of the Philip G Hoffman Hall Building.

The area of the proposed scope of work is 800 SF at PGH North Entrance and 460 SF at PGH South Entrance. A total of 1260 SF will be affected.

### 7. PROPOSED START DATE:
Upon approval

### 8. SUPPORTING DOCUMENTATION:
- Location Plan
- State Fire Marshal Violation List
- Conceptual Plan showing scope renovations
- Renderings
LOCATION PLAN:

[Map showing the project location marked with a red rectangle.]

Project Location
PHILIP GUTHRIE HOFFMAN BUILDING

INDEX OF DRAWINGS

ARCHITECTURAL
G001 COVER

TYPE # 3

D101 FIRST FLOOR DEMO PLAN
D601 FIRST FLOOR DEMO RCP
A101 FIRST FLOOR PLAN
A601 FIRST FLOOR REFLECTED CEILING PLAN

MEP
ME101 MECH & ELECT DEMO AND NEW WORK

PROJECT NAME:
FIRE SAFETY RENOVATIONS
UNIVERSITY OF HOUSTON
4800 CALHOUN RD. HOUSTON TX 77004

PROJ NUMBER: 4412.006.00
SCALE: NTS
DATE: 07/20/12

REFERENCE SHEET: G001

SHWGROUP
NOT FOR BIDDING OR CONSTRUCTION
MECHANICAL AND ELECTRICAL DEMOLITION PLAN

SCALE: 1/16" = 1'-0"

1. REMOVE EXISTING DUAL DUCT TERMINAL UNITS COMPLETE WITH ASSOCIATED DIFFUSERS/DUCTWORK IN AREA INDICATED. REMOVE DUCTWORK BACK TO MAIN AND CAP.
2. PERFORM PRECONSTRUCTION AIR BALANCE ON DUAL DUCT TERMINAL AND ASSOCIATED AIR HANDLING UNIT PRIOR TO START OF DEMOLITION.
3. PERFORM PRECONSTRUCTION AIR BALANCE ON ASSOCIATED AIR HANDLING UNIT PRIOR TO START OF DEMOLITION.
4. RELOCATE EXISTING LIGHT Fixtures AND ELECTRICAL DEVICES TO FACILITATE THE INSTALLATION OF THE NEW DOORS.

MECHANICAL AND ELECTRICAL NEW WORK PLAN

SCALE: 1/16" = 1'-0"

1. PROVIDE NEW EXIT SIGNSAGE AT DOORS, RECONFIGURE THE LIGHTING TO BE CONTROLLED ON EACH SIDE OF DOORS.
2. REINSTALL EXISTING DUAL DUCT UNIT TO PROVIDE 600 CFM TOTAL (300 CFM EACH DIFFUSER); REMAINING BOX AIRFLOW TO BE DISTRIBUTED INTO CEILING PLENUM.
3. ADJUST BALANCE OF ASSOCIATED AIR HANDLING UNIT TO PRECONSTRUCTION AIRFLOW MINUS CFM INDICATED AT NOTE.
4. PROVIDE A FIRE ALARM PULL STATION AT DOORS, ALONG THE PATH OF ESCORT, AND TIE INTO THE EXISTING FIRE ALARM SYSTEM.