

UNIVERSITY OF HOUSTON
Campus Facilities Planning Committee
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:

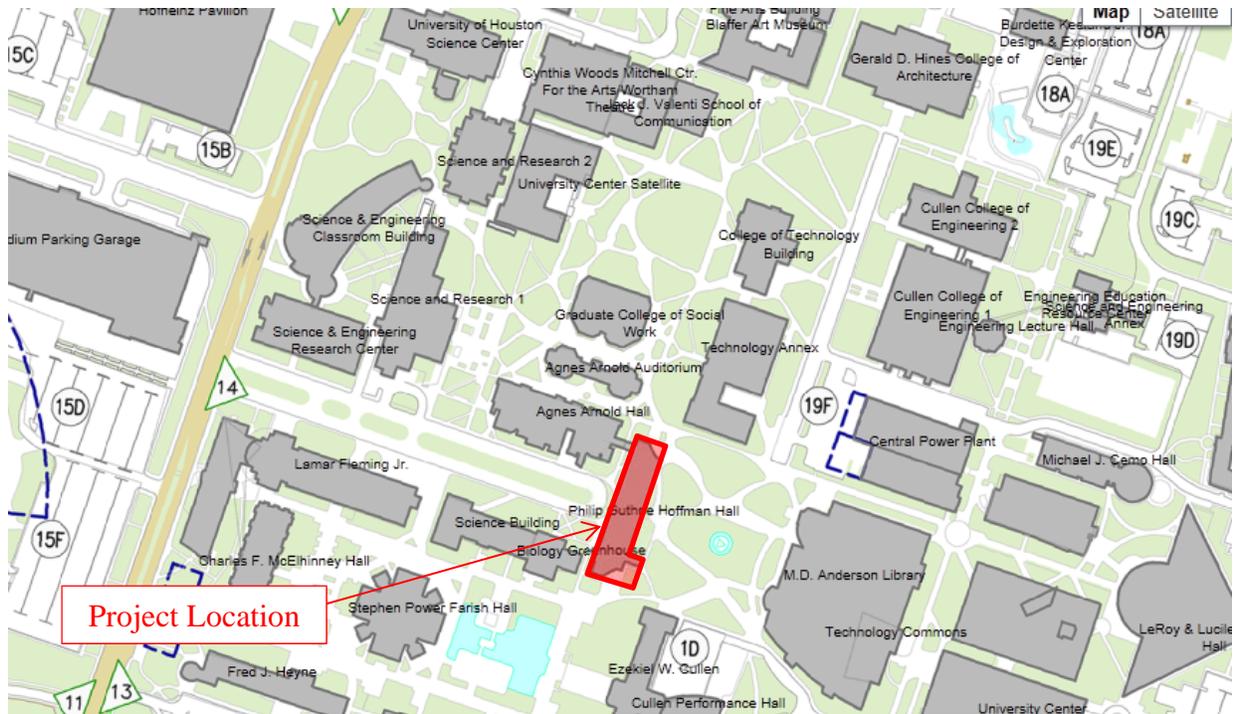
- Provide exit discharge directly to exterior of building by reconfiguring ground level plan to reduce lobby enclosure associated with each exit stair and provide new exterior curtain wall with egress doors at elevator lobby.
- Modifications to existing Mechanical/HVAC and Electrical/Lighting will be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





NEW STORE FRONT DOORS TO EXISTING SYSTEM

PHILIP GUTHRIE HOFFMAN HALL WEST ELEVATION - PROPOSED (OPTION A)

SCALE: N.T.S.



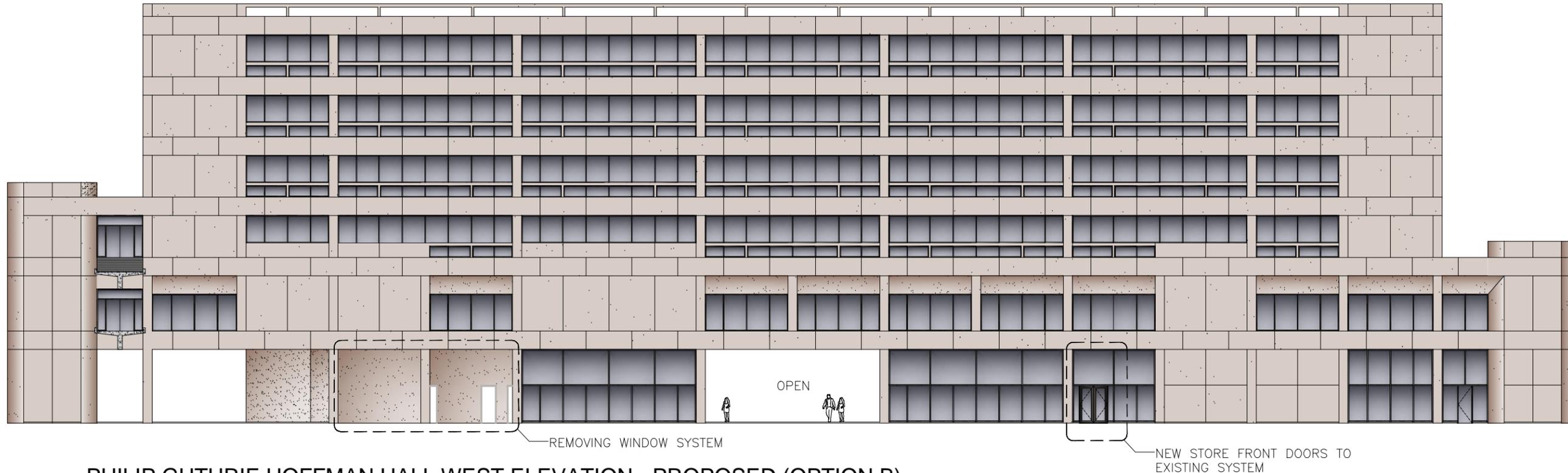
PHILIP GUTHRIE HOFFMAN HALL WEST ELEVATION - EXISTING

SCALE: N.T.S.



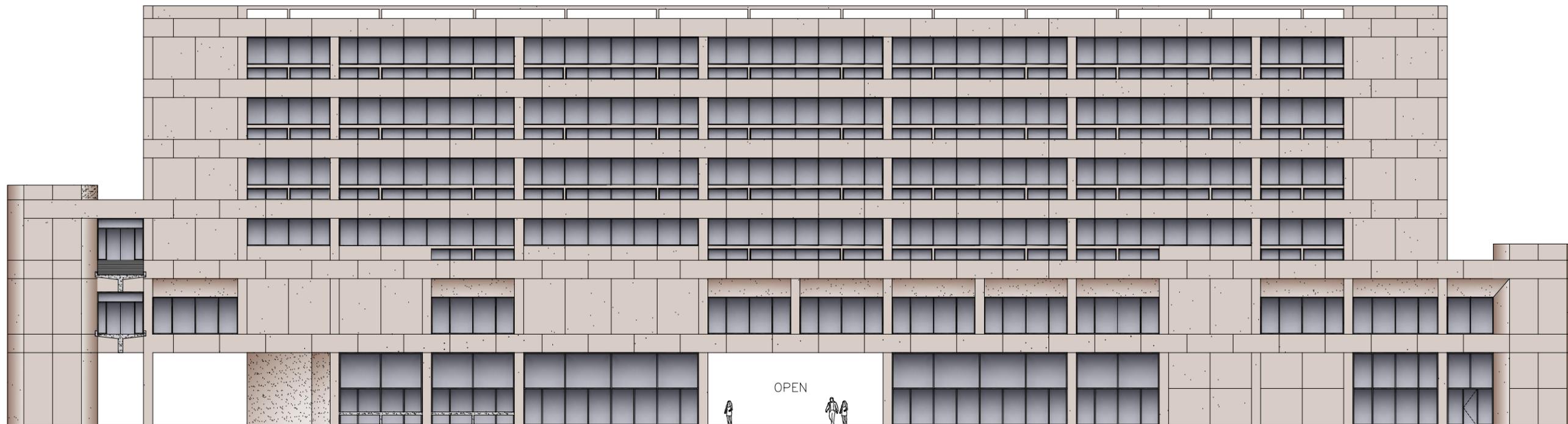
SHWGROUP

DATE: 07-03-13



PHILIP GUTHRIE HOFFMAN HALL WEST ELEVATION - PROPOSED (OPTION B)

SCALE: N.T.S.



PHILIP GUTHRIE HOFFMAN HALL WEST ELEVATION - EXISTING

SCALE: N.T.S.



SHWGROUP

DATE: 07-03-13

PHILIP GUTHRIE HOFFMAN BUILDING



SCOPE OF WORK
ARCHITECTURAL
ITEM # 18: INSTALL AUTOMATIC FIRE SPRINKLER SYSTEM, INCLUDES, TANK, PUMP, AND GENERATOR.
ITEM # 19: REMOVE PORTION OF EXISTING LOBBY TO COMPLY WITH FIRE CODE MAX DISTANCE REQUIREMENT. ADD DOOR TO COMPLY WITH FIRE CODE EXITING REQUIREMENT, NEW CURTAIN WALL, DOORS, & PLASTER CEILING.
MEP
REFER TO ME101 FOR MECHANICAL AND ELECTRICAL ADJUSTMENTS

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



SHWGROUP

PROJECT NAME:

FIRE SAFETY RENOVATIONS

UNIVERSITY OF HOUSTON

4800 CALHOUN RD. HOUSTON TX 77004

PROJ NUMBER:
4412.006.00

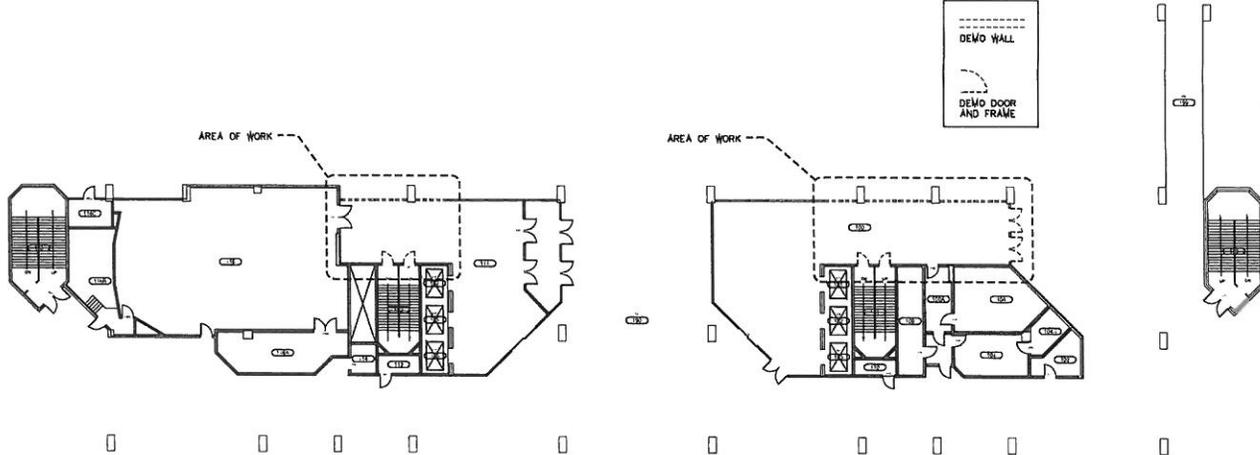
SCALE:
NTS

DATE:
07/20/12

REFERENCE SHEET:

G001

NOT FOR BIDDING
OR CONSTRUCTION



BLDG.547 PGH



SHWGROUP

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

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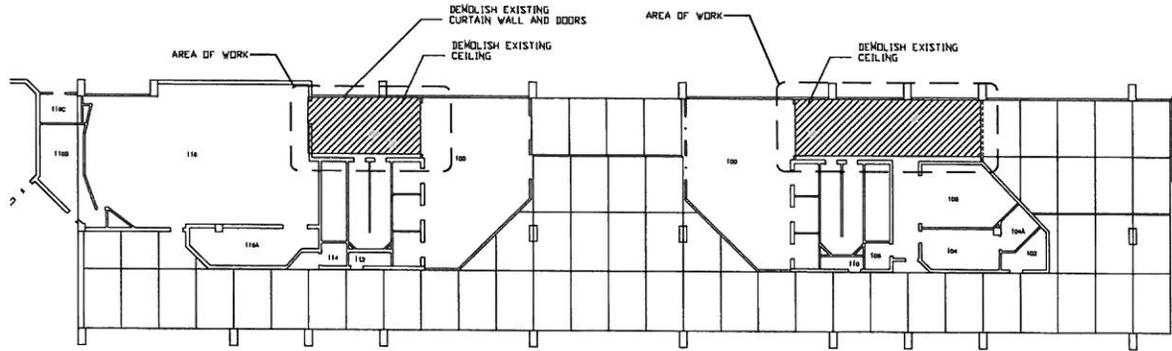
PHILIP GUTHRIE HOFFMAN
DEMO FIRST FLOOR PLAN
TYPE # 3

DATE:
 07/20/12

REFERENCE SHEET:

D101

NOT FOR BIDDING
 OR CONSTRUCTION



1ST FLOOR REFLECTED CEILING PLAN

PGH - BLDG. 547 N →



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

PHILIP GUTHRIE HOFFMAN BUILDING
FIRST FLOOR DEMO RCP
TYPE # 3

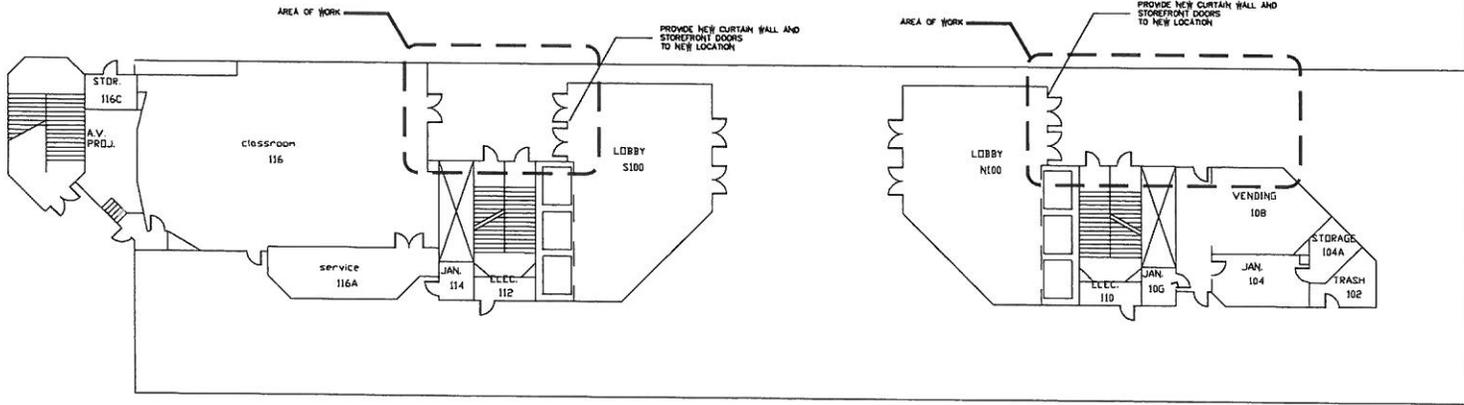
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PROJ NUMBER:
 4412,006.00

SCALE:
 NTS

DATE:
 07/20/12

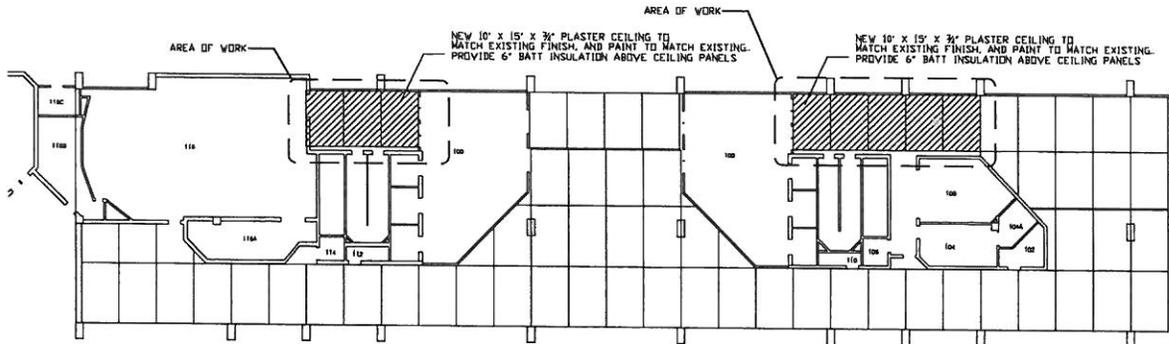
NOT FOR BIDDING
OR CONSTRUCTION



PROJECT NAME: FIRE SAFETY RENOVATIONS UNIVERSITY OF HOUSTON 4800 CALHOUN RD. HOUSTON TX 77004	REFERENCE SHEET: A101	
	PHILIP GUTHRIE HOFFMAN BUILDING FIRST FLOOR PLAN TYPE # 3	
PROJ NUMBER: 4412.006.00	SCALE: NTS	DATE: 07/20/12
		NOT FOR BIDDING OR CONSTRUCTION



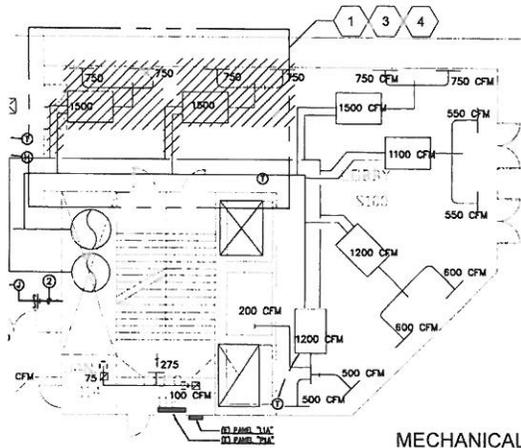
SHWGROUP



1ST FLOOR REFLECTED CEILING PLAN

PGH - BLDG. 547 N →

PROJECT NAME: FIRE SAFETY RENOVATIONS UNIVERSITY OF HOUSTON 4800 CALHOUN RD. HOUSTON TX 77004	REFERENCE SHEET: A601	
	PHILIP GUTHRIE HOFFMAN BUILDING FIRST FLOOR REFLECTED CEILING PLAN TYPE # 3	
PROJ NUMBER: 4412.006.00	SCALE: NTS	DATE: 07/20/12
SHWGROUP		NOT FOR BIDDING OR CONSTRUCTION



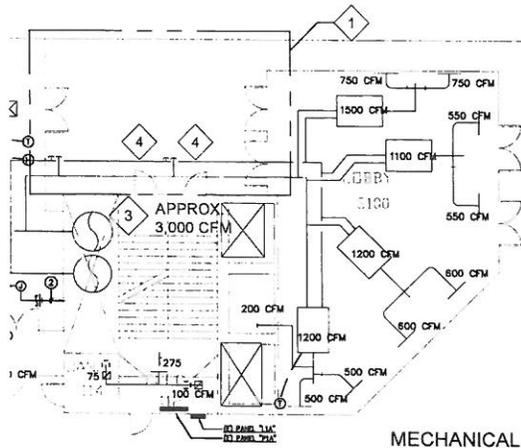
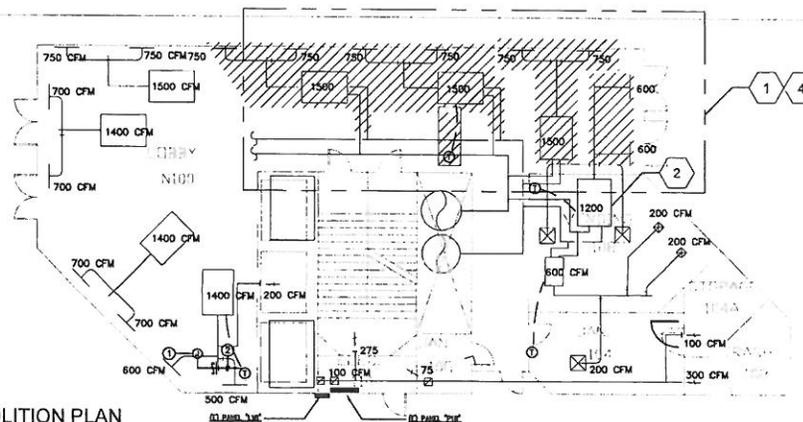
MECHANICAL AND ELECTRICAL DEMOLITION PLAN

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



DEMOLITION KEY NOTES:

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"



NEW CONSTRUCTION KEY NOTES:

1. PROVIDE NEW EXIT SIGNAGE AT DOORS. RECIRCUIT THE LIGHTING TO BE CONTROLLED ON EACH SIDE OF DOORS.
2. REBALANCE 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 EGRESS, AND TIE INTO THE EXISTING FIRE ALARM SYSTEM.



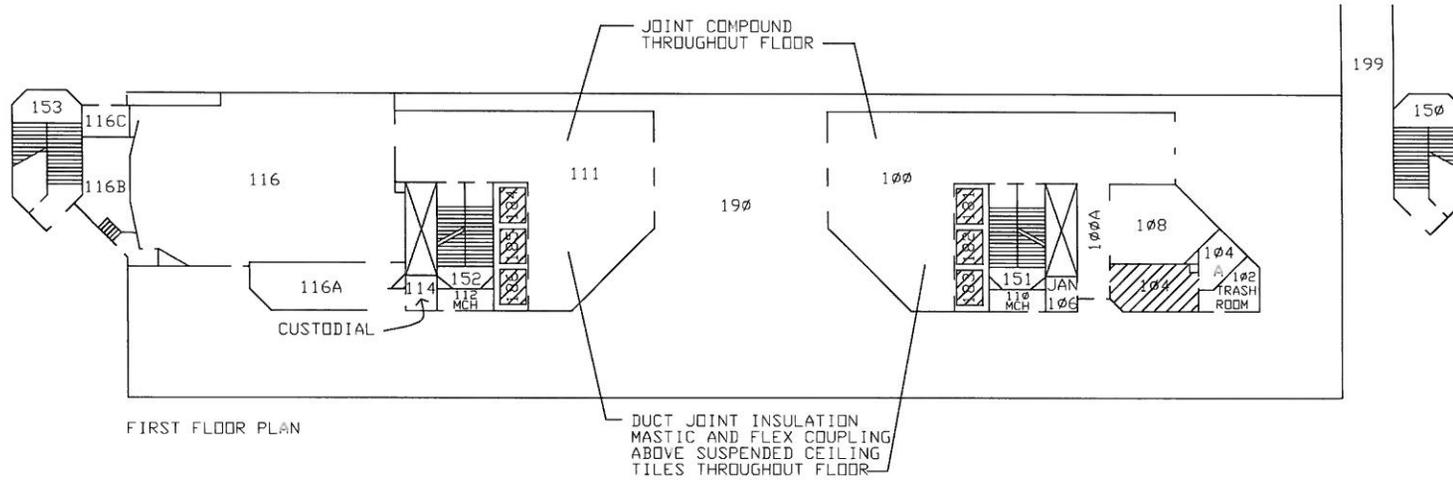
REFERENCE SHEET:	ME101
NOT FOR BIDDING OR CONSTRUCTION	

PROJECT NAME:	PHILIP GUTHRIE HOFFMAN BUILDING
PROJECT TYPE:	FIRE SAFETY RENOVATIONS
DATE:	07/20/12
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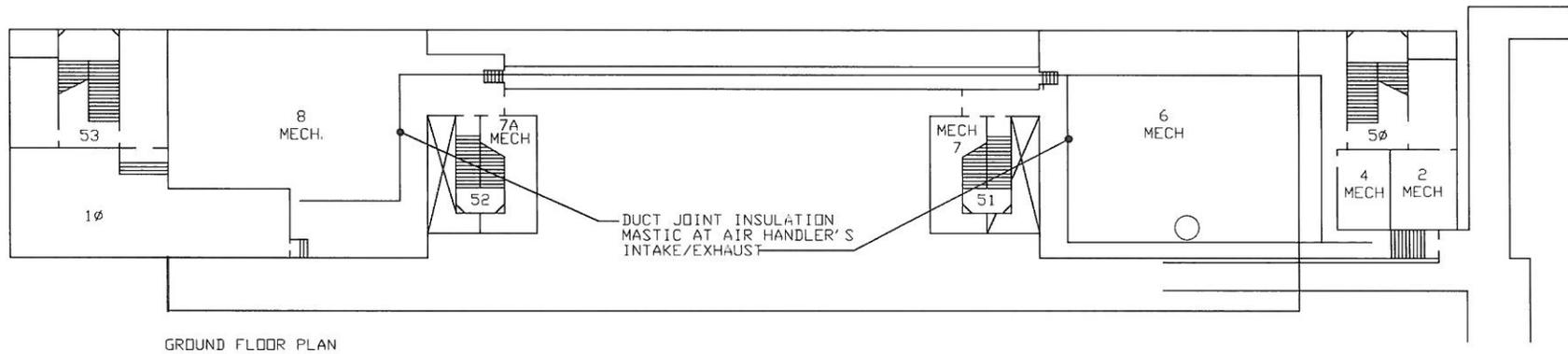
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4800 CALHOUN RD. HOUSTON TX 77004

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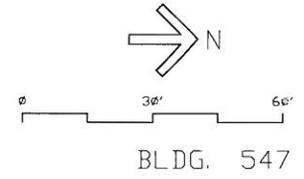
FIRST FLOOR PLAN



GROUND FLOOR PLAN

ASBESTOS-CONTAINING BUILDING MATERIAL LOCATIONS

- CHILLED/HOT WATER PIPE INSULATION COVER
- ▨ FLOOR TILE AND/OR ASSOCIATED MASTIC
- DOMESTIC HOT WATER TANK INSULATION COVER



BLDG. 547

ASBESTOS REVISIONS DONE BY: DATE: 12/6/06
McKEE ENVIRONMENTAL HEALTH, INC.

UNIVERSITY OF HOUSTON SYSTEM OFFICE OF FACILITIES PLANNING AND CONSTRUCTION	GROUND & FIRST FLOORS	PHILIP GUTHRIE HOFFMAN HALL	JOB
			SHEET 1
			OF 4