

**UNIVERSITY OF HOUSTON**  
**Campus Facilities Planning Committee**  
**Agenda Item Description Form**

- 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.

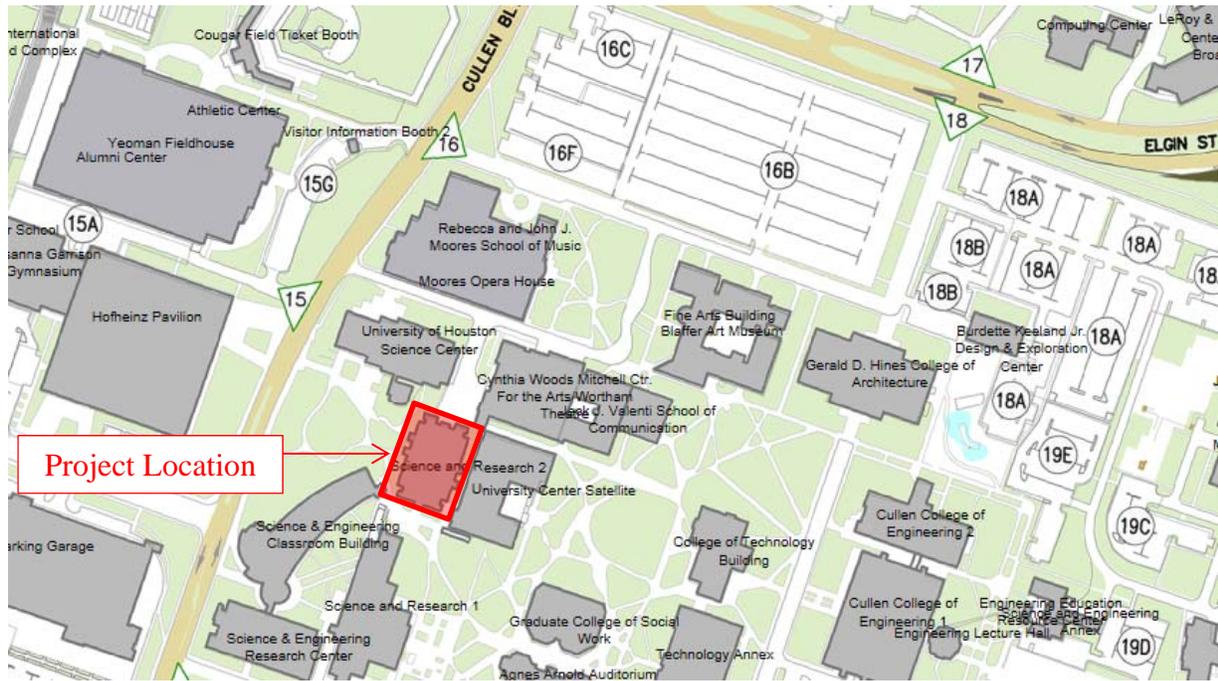
Currently both exit stairway enclosures discharge into the interior ground level of the building. This poses a serious life safety violation if a fire were to occur on the ground level of the building. It would require building occupants from various upper level floors to enter the ground floor prior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

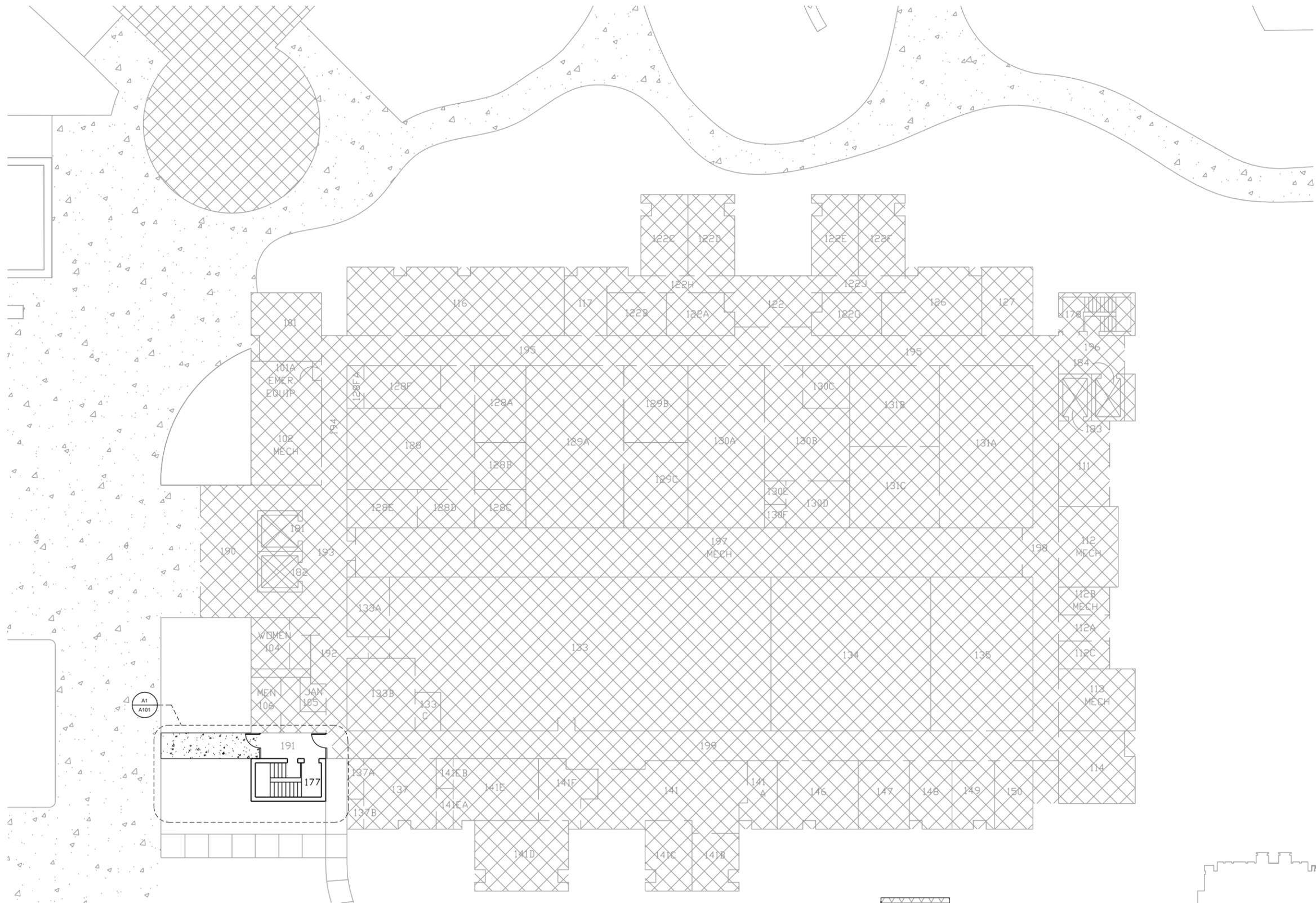
Proposed resolution:

- 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.

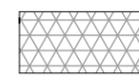
- 7. PROPOSED START DATE:** Upon approval
- 8. SUPPORTING DOCUMENTATION:**
- Location plan
  - State Fire Marshal Violation
  - Conceptual Plan showing scope renovations
  - Renderings

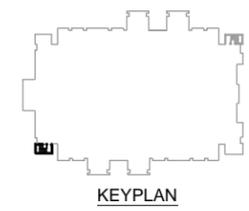
LOCATION PLAN:





**A1** SITE PLAN/FIRST FLOOR PLAN  
1" = 20'-0"

 EXISTING AREA – NOT IN SCOPE OF WORK.



SHEET TITLE: <b>SITE PLAN/ FLOOR PLAN</b>		PROJECT NAME: <b>SCIENCE &amp; RESEARCH 2 STAIRWELL SIGNAGE</b>	
AS100		UNIVERSITY OF HOUSTON HOUSTON, TEXAS	
DATE: 06/19/2013		SCALE: 1"=20'-0"	
PROJ NUMBER: 4413.011.00		 <b>SHWGROUP</b>	

**GENERAL DEMOLITION NOTES**

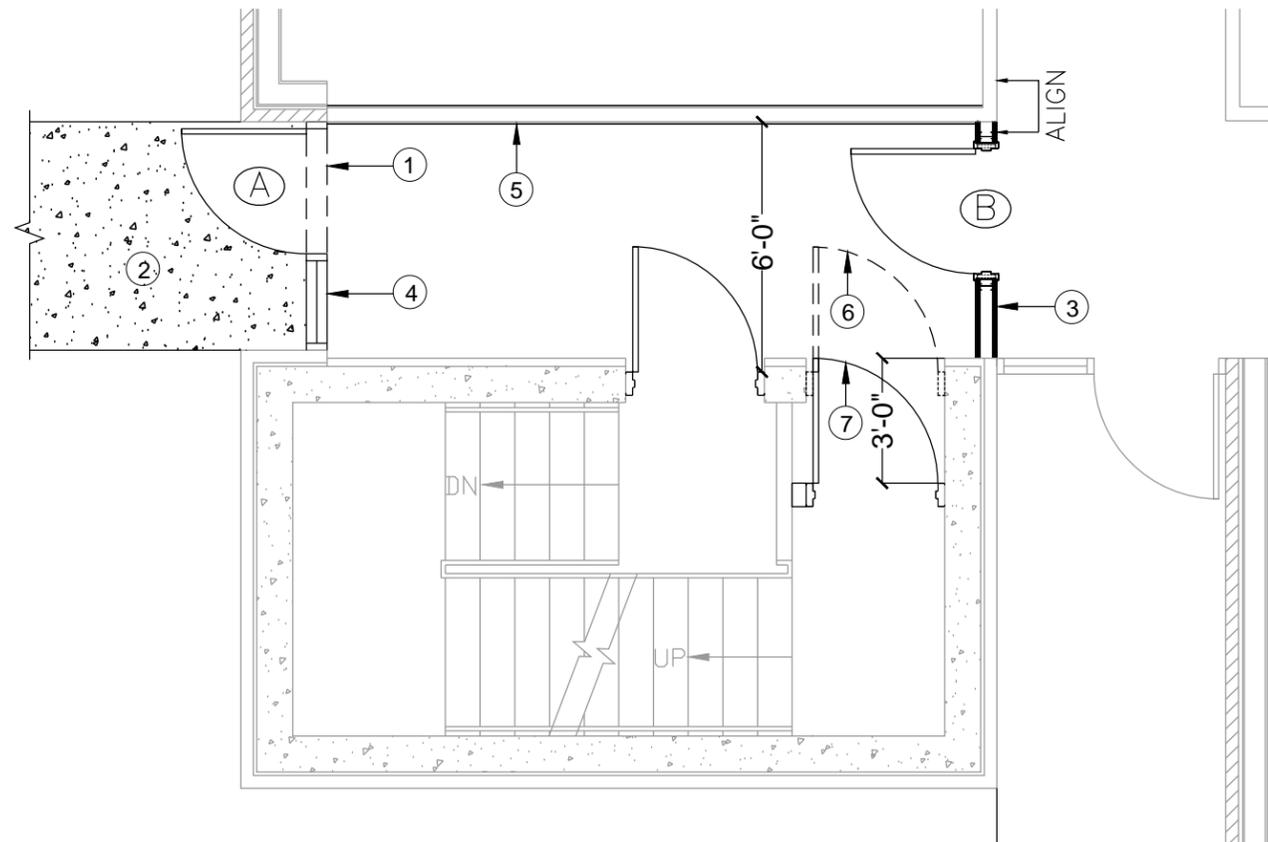
1. ALL DEMOLITION WORK IS TO BE DONE IN COMPLIANCE WITH ALL APPLICABLE CODES, LAWS, AND REGULATIONS
2. CONTRACTOR TO PROVIDE NECESSARY SIGNAGE, BARRICADES, AND OTHER DEVICES FOR PROTECTION OF THE PUBLIC AND CONSTRUCTION WORKERS PRIOR TO PERFORMING ANY WORK.
3. THE CONTRACTOR SHALL BE FULLY RESPONSIBLE FOR THE LOCATION AND PROTECTION OF ALL EXISTING UTILITIES. THE CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO CONSTRUCTION.
4. DISPOSE OF ALL DEBRIS LEGALLY OFF-SITE ACCORDING TO SPECIFICATION.
5. THE CONTRACTOR SHALL BE LIABLE FOR ANY DAMAGE TO STREETS, SIDEWALKS, OTHER STRUCTURES AND ADJACENT AREAS CAUSED BY DEMOLITION OR HAULING OPERATIONS.
6. THE CONTRACTOR SHALL TAKE ALL NECESSARY ACTIONS TO ENSURE WORKER SAFETY AND COMPLIANCE WITH TEXAS OSHA GUIDELINES.
7. DEMOLITION CONTRACTOR TO PROTECT ADJACENT AREAS FROM DUST, EXCESSIVE NOISE OR DISRUPTION OF OPERATION. ANY WORK UNDER THE CONTRACT THAT WILL INTERRUPT THE OWNER'S ACTIVITIES SHALL BE COORDINATED WITH THE OWNER'S REPRESENTATIVE.
8. PRIOR TO COMMENCEMENT OF DEMOLITION WORK, CONTRACTOR IS TO INSPECT ALL AREAS IN WHICH WORK WILL BE PERFORMED. DOCUMENT EXISTING CONDITIONS OF STRUCTURES, SURFACES, EQUIPMENT OR SURROUNDING PROPERTIES WHICH COULD BE MISCONSTRUED AS DAMAGE RESULTING FROM DEMOLITION WORK AND FILE WITH OWNER'S REPRESENTATIVE PRIOR TO STARTING WORK.
9. THE EXISTING BUILDING INFORMATION SHOWN WAS COMPILED FROM DRAWINGS FURNISHED BY OWNER. THESE DRAWINGS WERE NOT AS-BUILT DRAWINGS. ACTUAL CONDITIONS MAY VARY. CONTRACTOR IS TO VERIFY ALL CONDITIONS PRIOR TO BIDDING AND STARTING ANY DEMOLITION WORK.
10. CONDITIONS OF STRUCTURES: OWNER ASSUMES NO RESPONSIBILITY FOR ACTUAL CONDITION OF ITEMS OR STRUCTURES TO BE DEMOLISHED.
11. PROTECT ALL ELEMENTS NOTED FOR SALVAGE AND REUSE OR RETURN TO OWNER AS NOTED.
12. ALL DEMOLITION WORK, UNLESS OTHERWISE NOTED, SHALL BECOME THE PROPERTY OF THE CONTRACTOR AND SHALL BE REMOVED FROM THE SITE. ALL DEBRIS CAUSED BY DEMOLITION AND CONSTRUCTION SHALL BE CLEARED AND REMOVED FROM THE SITE.
13. PROTECTIONS: PROVIDE TEMPORARY BARRICADES AND OTHER FORMS OF PROTECTION AS REQUIRED TO PROTECT OWNER'S PERSONNEL AND GENERAL PUBLIC FROM INJURY DUE TO DEMOLITION WORK.
14. PROTECT EXISTING STRUCTURES, FINISHES, UTILITIES, AND OTHER ITEMS SCHEDULED TO REMAIN. AREAS THAT ARE DAMAGED BY SELECTIVE DEMOLITION SHALL BE PATCHED AND REPAIRED AND FINISHED OR REPLACED TO MATCH EXISTING ADJACENT SURFACES AT NO ADDITIONAL COST TO THE OWNER.
15. IF HAZARDOUS MATERIALS ARE ENCOUNTERED DURING DEMOLITION OPERATIONS, THE CONTRACTOR IS TO STOP WORK IN THE AREA IMMEDIATELY AND INFORM THE OWNER AND ARCHITECT FOR FURTHER DIRECTION.
16. ALL ABANDONED MECHANICAL, PLUMBING AND ELECTRICAL PIPING IS TO BE REMOVED TO A POINT BELOW EXISTING CONCRETE FLOOR SLAB, BEHIND WALLS, AND AS CLOSE TO THE CEILING DECK AS POSSIBLE AND MADE SAFE BY CAPPING. PATCH FINISHES WITH MATCHING MATERIALS.
17. SHOULD HIDDEN FIELD CONDITIONS REQUIRE MODIFICATIONS TO THE LAYOUT, THE GENERAL CONTRACTOR SHALL COORDINATE WITH THE ARCHITECT.
18. SEE MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS FOR ADDITIONAL DEMOLITION INFORMATION

**LEGEND**

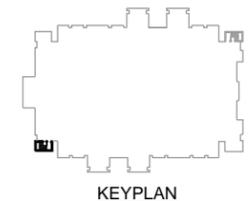
-  EXISTING WALLS TO REMAIN
-  PROPOSED CONSTRUCTION
-  AREAS TO BE DEMOLISHED
-  NEW CONCRETE PAVING

**KEYED NOTES**

- ① REMOVE EXISTING ALUMINUM FRAME, GLASS, AND INTERIOR HORIZONTAL RAIL - RE: BA/A500
- ② PROVIDE NEW CONCRETE PAVING - RE:AS100
- ③ 2HR RATED WALL W/ 3-5/8" METAL STUDS & TWO LAYERS OF GYP. BD. ON EACH SIDE - UL#
- ④ NEW ALUMINUM & GLASS FRAMING SYSTEM
- ⑤ ADD 1 LAYER OF GYP. BD. TO EACH SIDE OF WALL FOR 2HR RATING
- ⑥ REMOVE & RELOCATE EXISTING H.M. FRAME & DOOR
- ⑦ RELOCATED H.M. FRAME & DOOR



**A1 FLOOR PLAN - STAIR #1**  
1/4" = 1'-0"



SHEET TITLE:

FLOOR PLAN

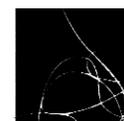
A101

PROJECT NAME:  
**SCIENCE & RESEARCH 2 STAIRWELL SIGNAGE**  
UNIVERSITY OF HOUSTON  
HOUSTON, TEXAS

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06/19/2013

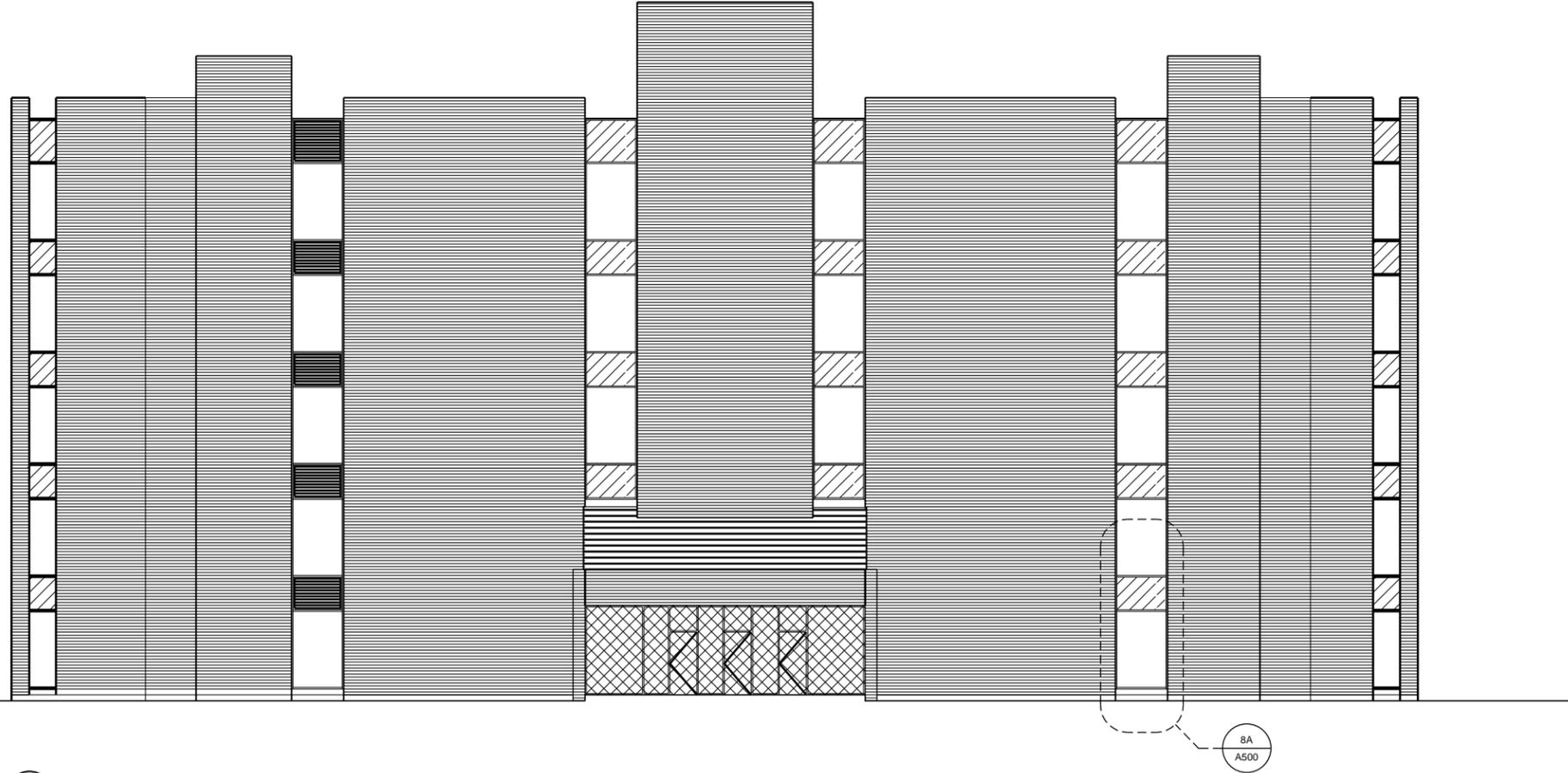
SCALE:  
1/4"=1'-0"

PROJ NUMBER:  
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**SHWGROUP**

1 SOUTH ELEVATION  
1/16" = 1'-0"



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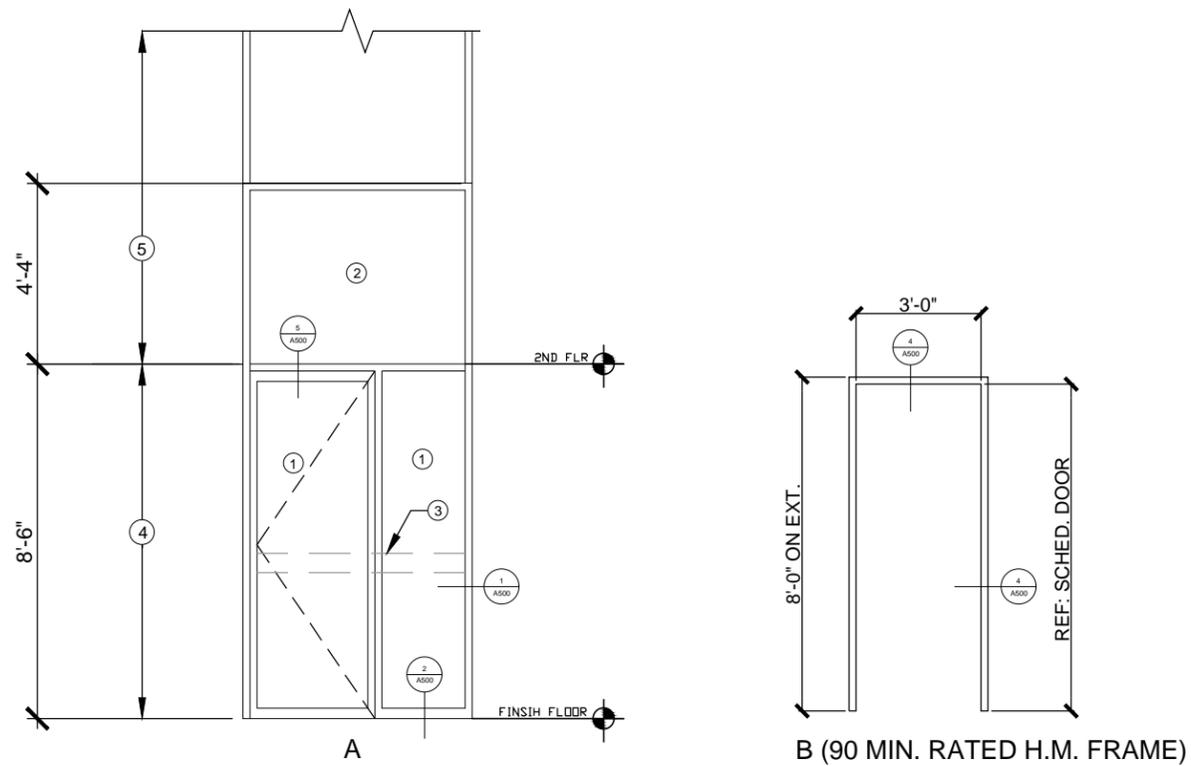
SHEET TITLE:

ELEVATION

A200



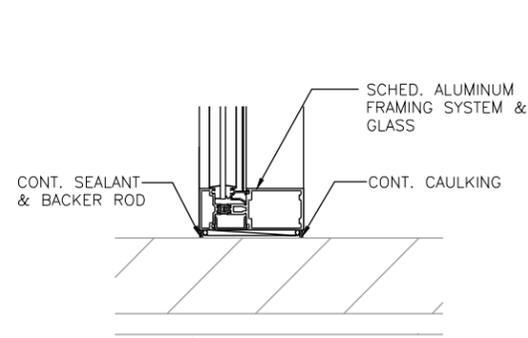
**SHWGROUP**



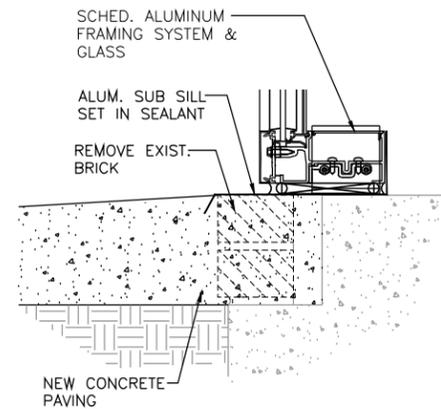
8 **DOOR & FRAME ELEVATIONS**  
1-1/2" = 1'-0"

**KEYED NOTES**

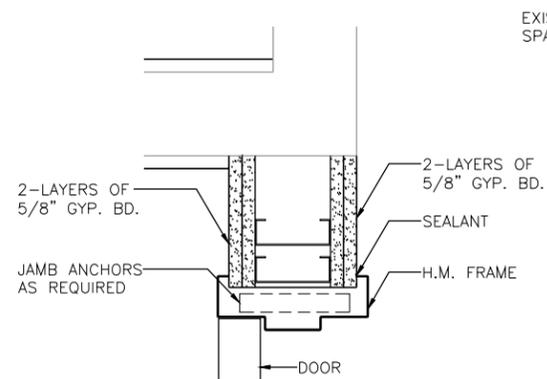
- ① NEW INSULATED TEMPERED GLASS - MATCH EXISTING
- ② EXISTING 1/4" SPANDREL GLASS
- ③ REMOVE EXISTING INTERIOR WOOD RAIL
- ④ NEW ALUMINUM FRAMING & GLASS SYSTEM
- ⑤ EXISTING ALUMINUM FRAMING SYSTEM AND GLAZING TO REMAIN



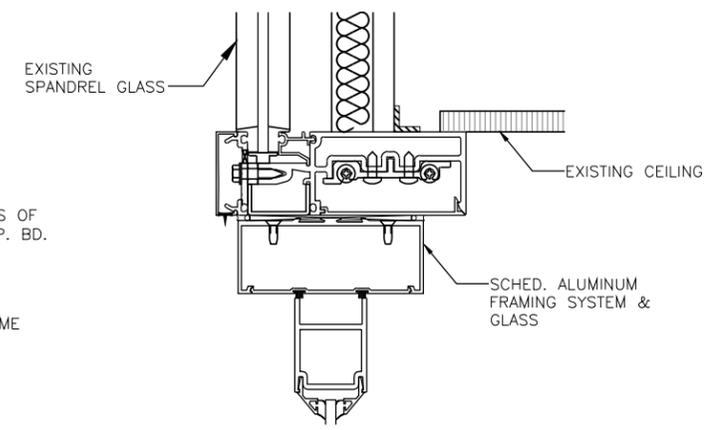
1 **JAMB**  
1/8" = 1'-0"



2 **SILL @ 1ST FLOOR**  
1-1/2" = 1'-0"



4 **JAMB @ 2 HR. RATED WALL - HEAD SIM.**  
1-1/2" = 1'-0"



5 **HEAD**  
3" = 1'-0"

SHEET TITLE:

HEAD, JAMB, & SILL DETAILS

A500

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