



**UNIVERSITY OF HOUSTON**  
**Campus Facilities Planning Committee**  
**Request for Project Approval Form**

1. **Project Number**
2. **Project Name** **Approval of Fleming Teaching Lab Addition**
3. **Committee Date** **February 12, 2010**
4. **Requesting Department** **NSM**
5. **Contact Name & Phone Number** **Dr. Larry Rapp, x3-8398**
6. **Presenter:** **Dr. Larry Rapp**
7. **Description of Request**

**Background**

In April 2008, the Campus Facility Planning Committee approved a strategy for the renovation of three science buildings. This strategy included reallocation of various NSM departments among the Old Science, SRI, and Fleming buildings, as well as construction of an addition to the Fleming Building to house the most utility intensive teaching laboratories.

The established budget of \$57.6 million in TRB funds allocated by the state took into account the need for swing space during the renovation, best use of limited funds toward both repair and new construction, and overall optimization of space. Of the \$57.6 million, approximately \$31.2 million was set aside for the construction of the Fleming Teaching Lab Addition, the subject of this agenda item.

**Project Overview**

As presented in 2008 to the CFPC and to the Board of Regents, the addition consists of approximately 15 chemistry teaching labs and 15 biology teaching labs with associated support spaces distributed across 3 floors. A fourth floor will be constructed as a shell floor for future research lab use. The building comprises approximately 70,000 NSF and 99,900 GSF.

siting of the building preserves the major oak tree at the corner, acknowledges the future Cougar Way to the immediate north, creates a communal courtyard with the existing Fleming and McElhinney buildings, and preserves a future building site to the south.

Materials proposed for the addition include buff brick, cast stone, low-E transparent glazing, and metalwork (screens and shades) in a “natural steel or aluminum” finish. These materials are similar to those in use at the SERC Laboratory Building and existing Fleming Building and are part of the University’s common material and design palette.

Completion of the Fleming Teaching Lab Addition will provide the swing space necessary to begin relocations and renovations of the three other science buildings affected in the TRB issue.

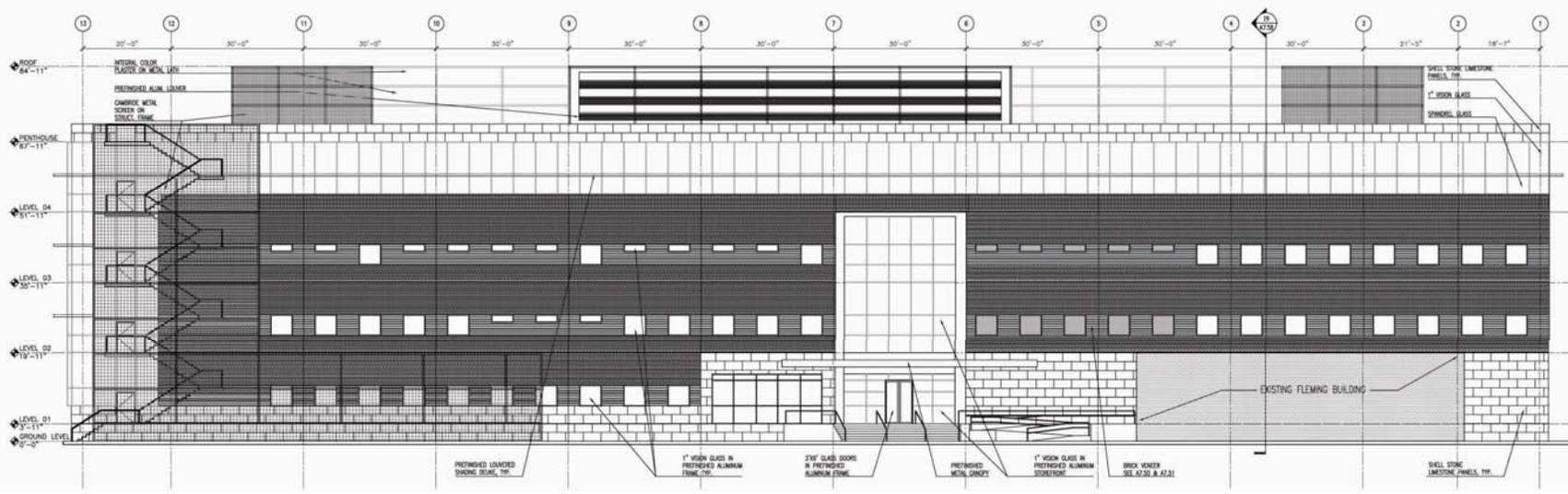
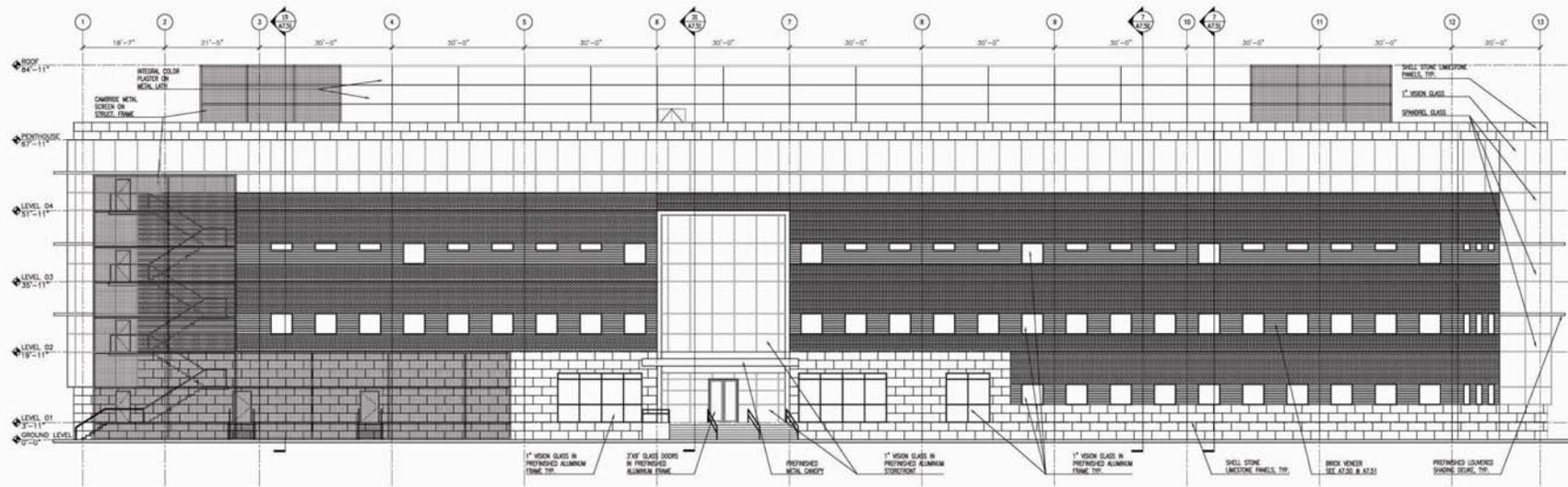
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|------------|------------------------------------|------------------------------|
| <b>8.</b>  | <b>Cost of Project</b>             | <b>\$31.2 million</b>        |
| <b>9.</b>  | <b>Source of Funding:</b>          | <b>Tuition Revenue Bonds</b> |
| <b>10.</b> | <b>Proposed Start Date:</b>        | <b>Upon approval</b>         |
| <b>11.</b> | <b>Requested Committee Action:</b> | <b>Approval</b>              |

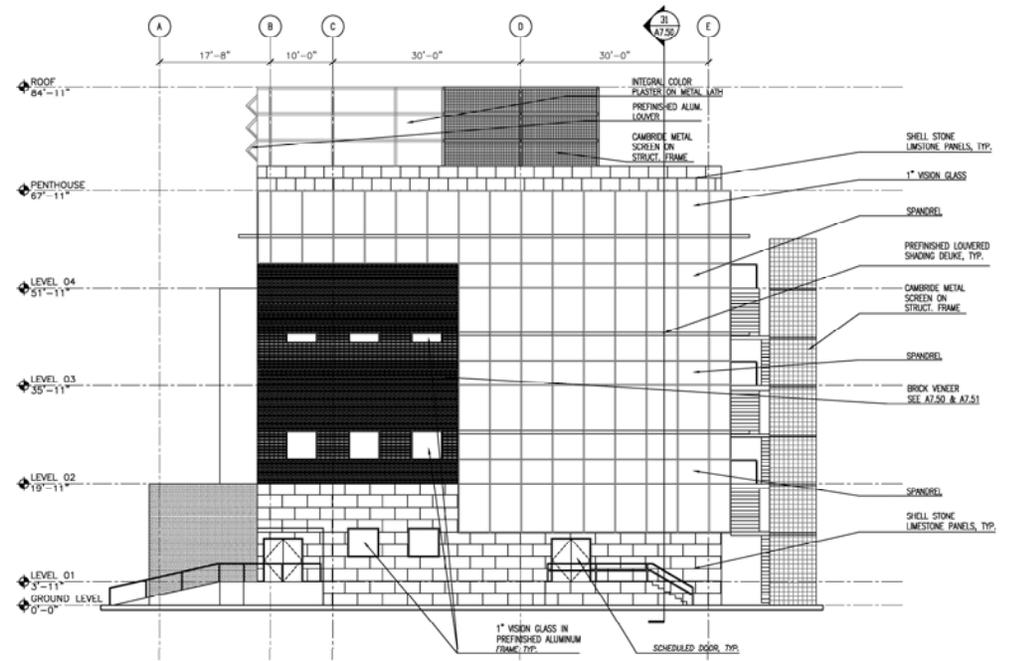
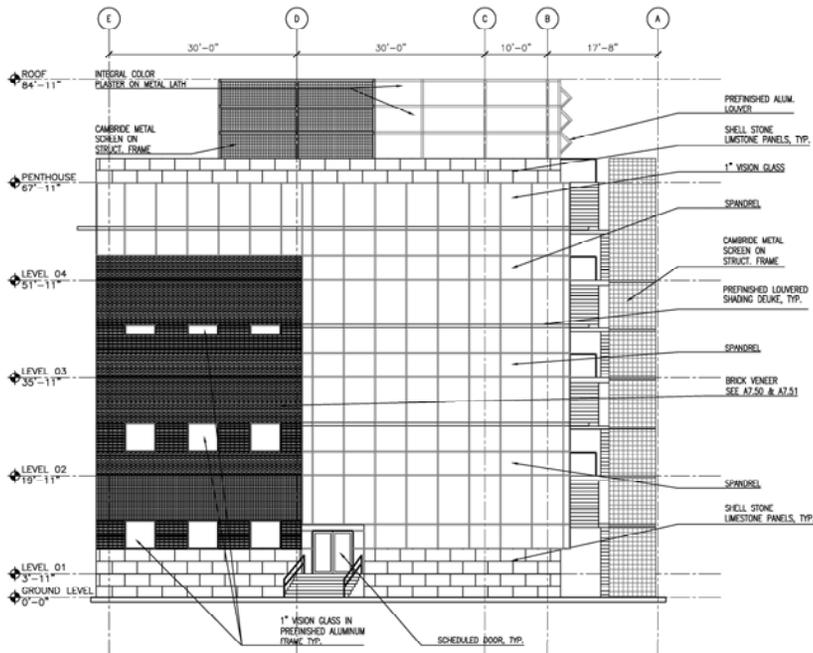
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Spencer Moore  
Executive Director, Facilities Planning & Construction

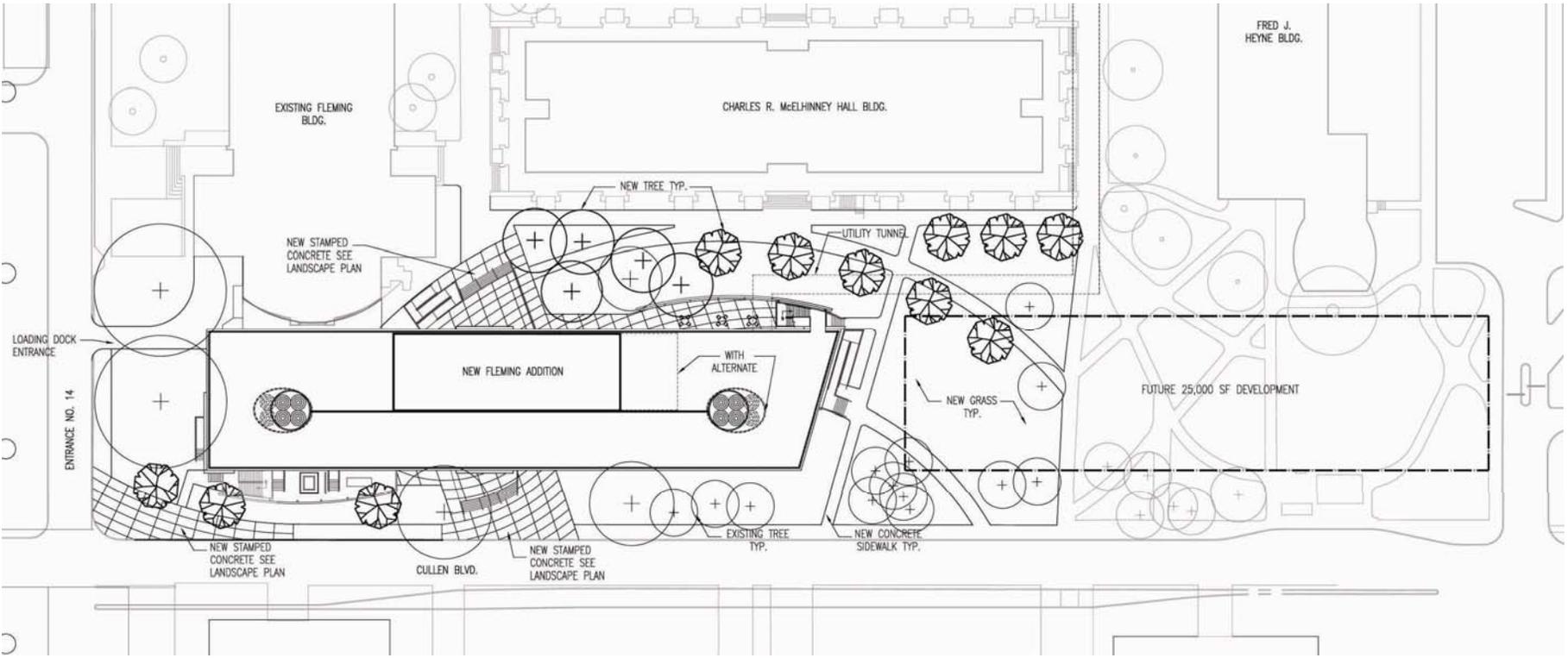
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Attachments

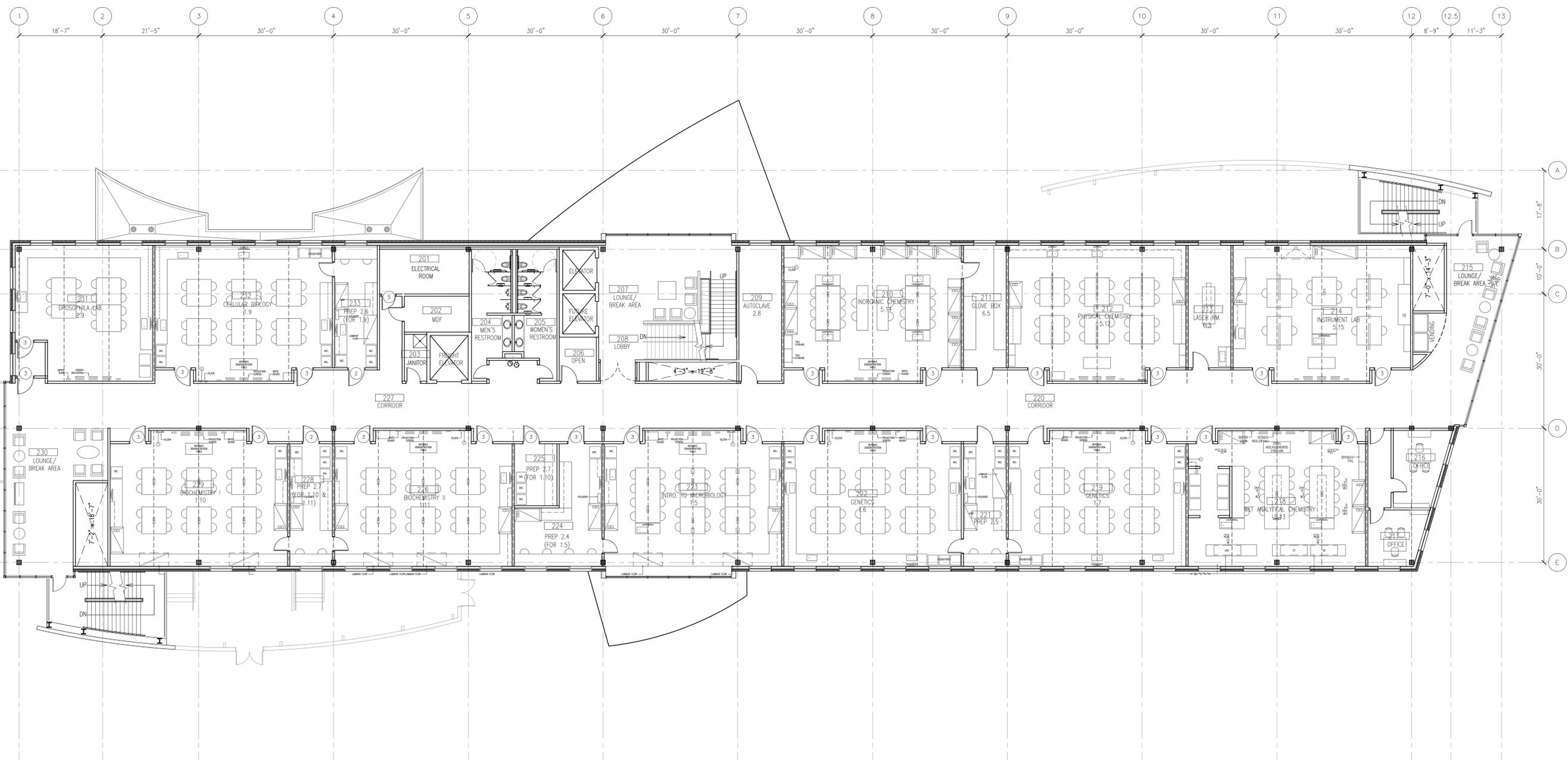












1 SECOND FLOOR PLAN  
 1/8" = 1'-0"

- GENERAL NOTES**
1. ALL LAB EQUIPMENT N.I.C.
  2. ALL LAB CASEWORK N.I.C.
  3. ALL FURNITURE N.I.C.
  4. ALL PARTITIONS TYPICAL U.N.O.
  5. ALL DOORS TO BE SOLID CORE WD. PLASTIC LAMINATE U.N.O. SEE DOOR SCHEDULE
  6. ALL DOORS TYPE 1 U.N.O.

Pierce Gordon Alexander & Linde

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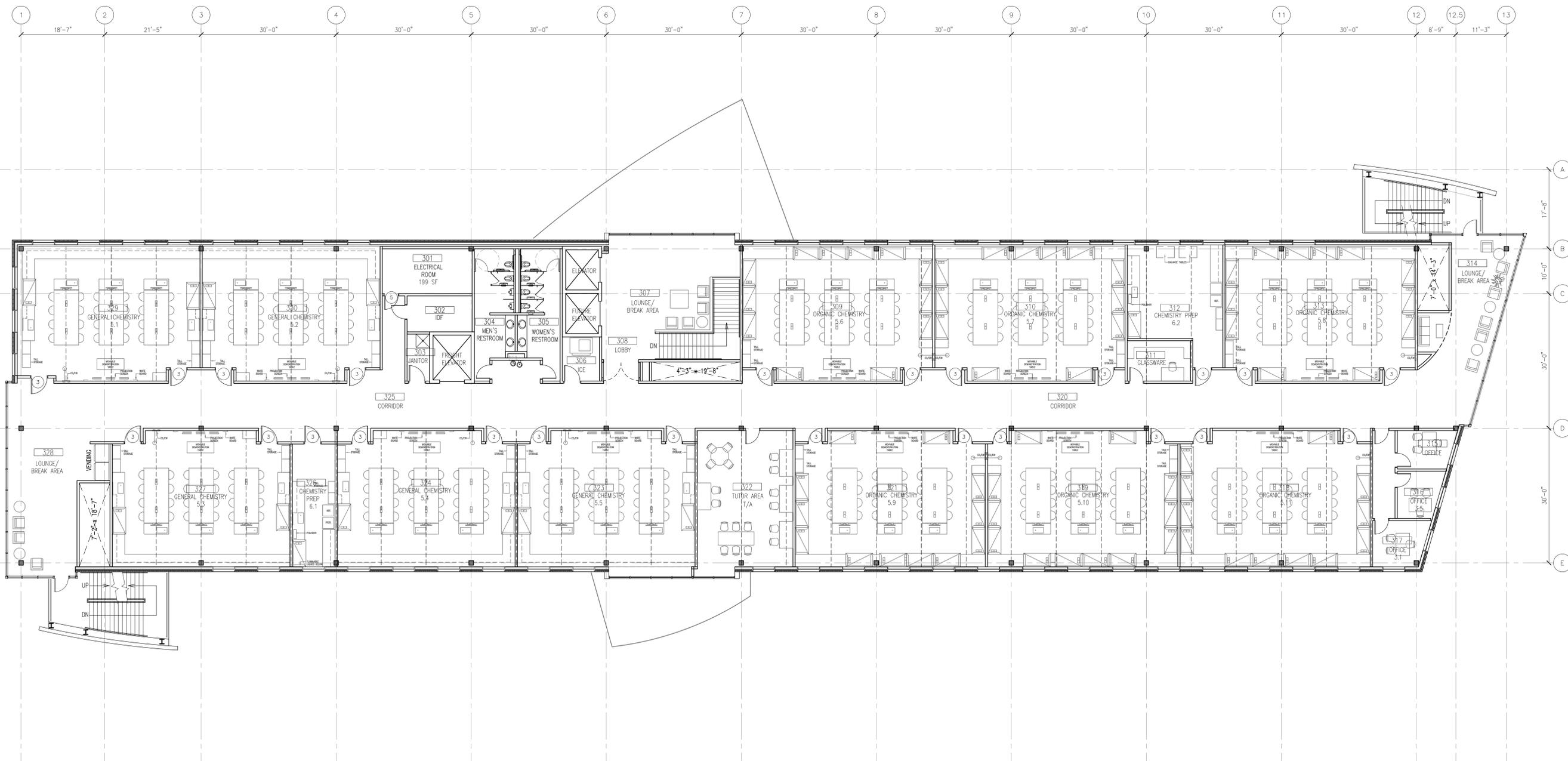
PRELIMINARY, NOT FOR CONSTRUCTION OR REGULATORY APPROVAL.  
 TEXAS REGISTERED ARCHITECT  
 DAVID ANDREWS

SHEET TITLE  
 FLOOR PLAN - LEVEL 02

SHEET NUMBER

**A2.02**





1 THIRD FLOOR PLAN  
1/8" = 1'-0"

GENERAL NOTES

1. ALL LAB EQUIPMENT N.I.C.
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3. ALL FURNITURE N.I.C.
4. ALL PARTITIONS TYPICAL U.N.O.
5. ALL DOORS TO BE SOLID CORE WD. PLASTIC LAMINATE U.N.O. SEE DOOR SCHEDULE
6. ALL DOORS TYPE 1 U.N.O.



# Photos Showing Context and Surrounding Buildings of the Fleming Addition

# West Side of Fleming and McElhinney



## West Side of McElhinney/Fleming Addition Site



# McElhinney looking toward Fleming/location of plaza between McElhinney & Fleming Addition



# McElhinney looking toward Fleming/location of plaza between McElhinney & Fleming Addition



# Southwest Corner of Fleming Looking Toward Building Addition Site



Gateway between McElhinney (left) and Fleming (right) looking toward future main entrance into Fleming Addition



Campus Standard Shell Limestone (used on SERC, Fleming and McElhinney) Fleming addition precast to match this material



Campus Standard Shell Limestone (used on SERC, Fleming and McElhinney) Fleming addition precast to match this material



# North Side of Fleming



# Close-up of SERC – Fleming Addition Glass, Metal and Pre-cast to Match this Standard



# SERC (left) and SR1 (right)



# SR1 (Foreground)/ SERC (Background)



## Brick Detail of SR1



# West Side of SERC



# Calhoun Lofts Showing University Standard Metal, Glass and Brick



Close –up of Calhoun Lofts Showing University Standard Metal, Glass and Brick – Fleming Addition to Match



# Campus Recreation and Wellness Center Showing University Standard Brick and Glass



Close-up of Campus Recreation and Wellness Center Showing University Standard Brick and Glass Fleming Addition to Match

