

# ANN ARBOR HOUSING BOARD OF APPEALS

## HOUSING INSPECTOR STAFF REPORT

Hearing for HBA16-010 for 730 Tappan Street, Ann Arbor, MI 48103  
(Parcel Identification Number: 09-09-28-303-024).

Hearing date: November 9, 2016

### DESCRIPTION AND DISCUSSION

Sig Ep Housing Michigan Alpha  
310 South Boulevard  
Richmond, VA 23220

The owner of the residence located at 730 Tappan Street requests a variance from the requirement for natural light and ventilation in the 8 finished rooms for use as sleeping rooms. Natural light requires glazing area equal to 8% of the room's floor area and natural ventilation equal to 4% of that same area as required by section **8:502 (1) and (2)**. And one 2<sup>nd</sup> floor finished room for use as sleeping room lacking lighting and ventilation **8:502** and a second exit would be required per section **8:504,3**.

There are 8 finished rooms that lack natural light and ventilation.

Room	Room size	Existing light /vent`	Required light / vent
4	352sqft	20sqft/10sqft	28sqft/14sqft
7	420sqft	13.39sqft/6.69sqft	33.6sqft/16.8sqft
9	280sqft	15Sqft/7.5sqft	22.5sqft/11.25sqft
10	312sqft	16sqft/8sqft	25sqft/12.5sqft
108	na	na	na
109	132sqft	8sqft/4sqft	11sqft/5.5sqft
112	na	na	na
201	506sqft	32sqft/15sqft	40.48sqft/20.24sqft (2 <sup>nd</sup> floor)

**Section 8:515 (2) of the Ann Arbor Housing Code:**

The City of Ann Arbor Housing Code allows the Housing Board of Appeals to grant variances on existing structural elements of a building.

**Per the Applicant**

*Practical difficulties and unnecessary financial hardship.*

**STAFF RECOMMENDATION**

Staff recommends the following motion:

I recommend that the board **approve** the requirement for natural light and ventilation with the stipulation that they comply with artificial light in the (MI. Building Code 1205.3) artificial light shall be provided that is adequate to provide an average illumination of 10 foot candles (107 lux) over the area of the room at a height of 30 inches, this does not jeopardize public health and safety.

**Deny** the second variance from needing a second exit. Chapter.105 **8:504, (3), (a)** second exit is required for 2<sup>nd</sup> floor room 201.

Ignacio Gneco  
Development Services Inspector



## CITY OF ANN ARBOR, MICHIGAN

Community Services Area  
Planning & Development Services Unit  
301 E. Huron St, P.O. Box 8647,  
Ann Arbor, Michigan 48107-8647  
Phone: (734) 794-6264  
Fax: (734) 994-8460

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December 21, 2016

Sig Ep Housing Michigan Alpha  
320 South Boulevard  
Richmond, VA 23220

Re: 730 Tappan Street, Ann Arbor, Michigan, 48104  
Parcel Identification Number ("PIN"): 09-09-28-303-024

Dear Mr. Stull:

Please consider this as a notice to attend the Ann Arbor Housing Board of Appeals meeting for your continuation request for your variance request. You will have the opportunity to address the Board.

This meeting will take place on Tuesday, January 10, 2017 at 1:30 PM on the 2<sup>nd</sup> floor of City Hall in the Council Chambers.

If you are planning to support your request with information or evidence not included with your application, please submit your additional information to City Housing Department staff either by email at [a2rentalhousing@a2gov.org](mailto:a2rentalhousing@a2gov.org) or in person no later than the Friday before the meeting to allow time for distribution to the Board members. If you bring additional materials to the meeting, please bring 10 hard copies for the Board members and City staff.

Sincerely,

Lisha Turner-Tolbert  
Rental Housing Services Manager

## **JONATHAN J. KUCERA, ARCHITECT**

10820 Ramshorn Road M IDLOTHIAN, VIRGINIA 23113  
804.272.0430 fax 804.272.1956 [jkucera2@verizon.net](mailto:jkucera2@verizon.net)

City of Ann Arbor  
Planning & Development Services - Construction Services  
301 E. Huron Street, P.O. Box 8647  
Ann Arbor, Michigan 48107-8647

( D R A F T )

December 7, 2016

Attention: Building Official

As you are aware, Zach Stull and I met with your Housing Board of Appeals on November 9, 2016, to discuss our application for variances to the property at 730 Tappan Street. The purpose of this letter is to provide specific responses to the temporary variance for 5 sleeping rooms, and to address the qualifications for the sixth sleeping room on the second floor. Before detailing those responses, I would like to address several observations:

1. Neither the Planning Department, or the Building Official, made reference to the Housing Code during the due diligence and planning for this project in 2011-2012. While we recognize the responsibility of the Owner to know the laws, I believe there was an equal responsibility on the part of the City of Ann Arbor, through the departments I engaged heavily at that time, to advise a citizen on the implications of this Code.
2. The e-mail thread you sent referenced only the square footage requirements for the rooms, and not the light and ventilation requirements. And, our site manager at that time (Alpha Management) was not diligent in representing the impact of the Housing Code, or their communications with your department.
3. Article 8:500(6) of the Housing Code references the Building Official having authority to grant variances. Does the final CO not represent his authority, at that time, having accepted the building as renovated, and thereby granting a variance?
4. You state that the Housing Code is an overlay code to the minimum standards of the Michigan Building Code. However, the Housing Code does not provide the rigor of definition and exceptions referenced in the MBC. For example, the Housing Code makes no provision for life safety exceptions with the inclusion of automatic sprinkler systems.
5. The HC is ambiguous with the definitions for "rooming dwelling", etc. Fraternity occupancies offer a more diverse living environment for groups of students, yet the Code appears to treat the sleeping rooms the same as for apartments.
6. The Ann Arbor Housing Code statement of purpose - 8:500.1 (A) (B) (C) is a thoughtful presentation of the objectives of the Code. We believe that this building overwhelmingly meets the spirit of those objectives.

Accordingly, we submit the proposals below for the sleeping rooms, with the request that the Housing Board of Appeals recognize the positive efforts of the Owner to provide an overall safe and healthy living environment for the MI Alpha Chapter occupants.

### **Second Floor Sleeping Room 201**

This room was planned for 4 beds, which are needed to meet the proforma requirement for debt service capacity with an occupancy of 45 beds. We ask that the Board grant a variance for occupancy by 4 students based on the following criteria.

- This large room contains 471 nsf of living area, exceeding the 4 occupant HC requirement 1(c) for a sleeping room [200 sf], and the requirement 1(d) for a rooming unit [320 sf]. There is no specific requirement stated for a rooming dwelling as defined in 8:500-9(e).
- HC 8:504 specifies "2 separate approved ways of exit." However, Clause (3)(b) allows for one exit provided the exit way is one hour rated and the travel distance is less than 50 feet. We meet both those requirements. Furthermore, this section provides no exception for an automatic sprinkler system, whereas the Michigan Building Code Section 1025.1(1) provides for one egress when the building is equipped with an automatic sprinkler system...which we have.
- Suite 201 has 5 double hung windows, each sash (total 10) meeting the requirements for an emergency escape window. Those windows are within easy reach by conventional fire rescue equipment, from the readily accessible ground level along the east facade.
- Should the Housing Board insist on a second means of egress, the only reasonable and cost effective way to accomplish that would be with an exterior steel fire escape on the east facade of the curved stone and slate shingle wall. Such a solution would detract greatly from the aesthetic appeal of this historic structure in a highly visible location.
- The net clear glass area of the windows in this room is 25.6 sf. 8% of the total room area is 36.4 sf. However, 8% of the larger 320 sf code required area, referenced above, is 26.4 sf. This is a large, high ceiling room with generous natural light. We ask that you accept the window area as adequate for 4 occupants.
- The net clear area of natural ventilation with the double hung windows is 18.35 sf. 4% of the room area is 18.84. We nearly meet that criterion, in addition to having renovated the space with mechanical ventilation and air conditioning.

### **First Floor Sleeping Room 109**

This room contains 138 nsf, a relatively large space for one occupant. We request that a variance be granted for the room with one bed, on the following basis:

- The single window provides 9.0 sf of clear glass area, compared to the required 11 sf at 8% of the floor area. On a clear day, the window and the the current overhead lighting provides \_\_\_\_\_ footcandles at 32" off the floor. We will increase the overhead lighting to measure 10 footcandles.
- The single window provides 5.4 sf of clear opening for ventilation, compared to the required 5.5 sf at 4% of the floor area. We request that this clear area be accepted, recognizing that the room has mechanical ventilation and air conditioning.

### **First Floor Sleeping Room 110**

This room contains 302 nsf, for four occupants. We request that a variance be granted for the room with 4 beds, on the following basis:

- The two windows provide 18.0 sf of clear glass area, compared to the required 24 sf at 8% of the floor area. On a clear day the windows and the overhead lighting provide \_\_\_\_\_ footcandles of illumination at 32" off the floor. We will increase the overhead lighting to measure 10 footcandles.
- The two windows provide 10.8 sf of clear opening for ventilation, compared to the required 12 sf at 4% of the floor area. Adding windows to this space will be prohibitively expensive. We request that this clear area be accepted, recognizing that the room has mechanical ventilation and air conditioning.

### **Lower Level Sleeping Room 004**

This room contains 340 gsf for 3 occupants. We request that a variance be granted for the room with 3 beds, on the following basis:

- The one large window provides 16.8 sf of clear glass area, compared to the required 27.2 sf at 8% of the floor area. On a clear day, the window and overhead lighting provide \_\_\_\_\_ footcandles of light at 32" off the floor. We will increase the overhead lighting to measure 10 footcandles.
- This double casement window provides 21.3 sf of clear opening for ventilation, compared to the required 13.6 sf at 4% of the floor area. We meet that criterion, in addition to the room being air conditioned.

### **Lower Level Sleeping Room 007**

This large room contains 440 gsf for 4 occupants. We request that a variance be granted for the room with 4 beds, on the following basis:

- The single window provides 11.64 sf of clear glass area, compared to the required 35.2 sf at 8% of the floor area. On a clear day, the window and overhead lighting provide \_\_\_\_\_ footcandles of light at 32" off the floor. We will increase the overhead lighting to measure 10 footcandles.
- This window provides 6.87 sf of clear area for ventilation, compared to the required 17.6 sf at 4% of the floor area. We request that this area be accepted, recognizing that the room has mechanical ventilation and air conditioning.

### **Lower Level Sleeping Room 009**

This room contains 276 gsf for 3 occupants. We request that a variance be granted for the room with 3 beds, on the following basis:

- The single double hung window contains 14.62 sf of clear glass area, compared to the required 22 sf at 8% of the floor area. On a clear day, the window and overhead lighting provide \_\_\_\_\_ footcandles of light at 32" off the floor. We will increase the overhead lighting to measure 10 footcandles.
- The window provides 9.15 sf of clear area for ventilation, compared to the 11 sf required at 4% of the floor area. We request that this area be accepted, recognizing that the room has mechanical ventilation and air conditioning.

Should the Housing Board of Appeals grant the variances requested above, we propose the following schedule for the specified corrective work:

**December 7-19:** Coordinate with our on-site property manager to order materials and schedule the work with subcontractors.

**December 13:** Formal Housing Board approval. Attend meeting if needed.

**December 19-31:** Implement the work while residents are out on Christmas Break. Arrange for final inspections by City.

Thank you in advance for your attention to this request. Please do not hesitate to contact me or Zach Stull with questions.

Sincerely,

Jonathan J. Kucera, Architect  
Owner's Project Representative

10-13-16



City of Ann Arbor  
PLANNING & DEVELOPMENT SERVICES

Mailing: 301 E. Huron St. | P.O. Box 8647 | Ann Arbor, Michigan 48107-8647  
p. 734.794.6264 | f. 734.994.8460 | rentalhousing@a2gov.org

APPLICATION FOR VARIANCE AND/OR TIME EXTENSION  
HOUSING BOARD OF APPEALS

Section 1: Applicant Information

Name of Applicant: SIGEP HOUSING OF MICHIGAN ALPHA, LLC.  
Address of Applicant: 730 TAPPAN AVENUE  
Daytime Phone: 804-441-0615 Fax: —  
Email: ZACH.STULL@SIGEP.NET  
Applicant's Relationship to Property: OWNER/LANDLORD

Section 2: Property Information

Address of Property: 730 TAPPAN AVE.  
Zoning Classification: R-4-C  
Tax ID# (if known): \_\_\_\_\_  
\*Name of Property Owner: SIGEP NATIONAL HOUSING

\*If different than applicant, a letter of authorization from the property owner must be provided.

Section 3: Request Information

Variance

Chapter(s) and Section(s)

from which a variance is requested:	REQUIRED dimension:	PROPOSED dimension:
<u>8: 501.1 (WINDOW)</u>	<u>NEED 8% OF</u>	_____
<u>8: 501.2 (VENTILATION)</u>	<u>THE SQUARE FOOTAGE</u>	_____
_____	<u>OF ROOM AS WINDOWS</u>	_____

Example: Chapter 105, Section 5:26	Example: 6', 8" Basement Ceiling Height Clearance	Example: 6', 6" Basement Ceiling Height Clearance
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Give a detailed description of the work you are proposing and why it will require a variance (attach additional sheets if necessary)

THERE WILL NOT BE ADDITIONAL WORK NEEDED UNLESS RECOMMENDED BY THE HBA. OUR HOPE IS TO WORK WITH THE CITY TO RECEIVE A VARIANCE FOR THE ROOMS IN QUESTION SINCE THE OCCUPANCY PERMIT ORIGINALLY ALLOWED OUR PROPERTY TO HAVE 45 TENANTS AND WE INSTALLED ALL NECESSARY LIFE SAFETY MEASURES.



**Section 4: Variance Request (If not applying for a variance, skip to section 5)**

The City of Ann Arbor Housing Board of Appeals has the powers granted by City Code Chapter 105. A variance may be granted by the Housing Board of Appeals only in cases involving practical difficulties or unnecessary hardships when ALL of the following is found TRUE. Please provide a complete response to each item below. These responses, together with the required materials in Section 5 of this application, will form the basis for evaluation of the request by staff and the Housing Board of Appeals.

1. Are there hardships or practical difficulties to complying with the ordinance? Are these hardships or practical difficulties an exception or unique to the property compared to other properties in the City?

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2. Are the hardships or practical difficulties more than mere inconvenience, inability to obtain a higher financial return? (explain)

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3. What effect will granting the variance have on the neighboring properties?

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4. What physical characteristics of your property in terms of size, shape, location or topography prevent you from using it in a way that is consistent with the ordinance?

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5. Is the condition which prevents you from complying with the ordinance self imposed? How did the condition come about?

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**Section 5: Time Extension**

Current use of the property

RESIDENTIAL/STUDENT HOUSING  
(FRATERNITY HOUSE)

Explain why you are requesting a time extension:

N/A

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**Section 6: Required Materials**

The following materials are required for all variance requests. Failure to provide these materials will result in an incomplete application and will delay staff review and Housing Board of Appeals consideration of the request. The materials listed below must accompany the application and constitute an inseparable part of the application.

All materials must be provided on 8 1/2" by 11" sheets.

- Building floor plans showing interior rooms, including dimensions.
- Photographs of the property and any existing buildings involved in the request.
- Any other graphic or written materials that support the request.
- A Complete List of Tenant Names so that they can be notified that the HBA will do a 'walk-through' of the property on the day of the hearing.

**Section 7: Acknowledgement**

**SIGNATURES MUST BE SIGNED IN PRESENCE OF NOTARY PUBLIC**

I, the applicant, request a variance from the above named Chapter(s) and Section(s) of the Ann Arbor City Code for the stated reasons, in accordance with the materials attached hereto.

804-441-0615

Phone Number

Zach W. Stull  
Signature

ZACH.STULL@SIGEP.NET

Email Address

ZACH W. STULL  
Print Name

I, the applicant, hereby depose and say that all of the aforementioned statements, and the statements contained in the materials submitted herewith, are true and correct. I acknowledge that I've received all instructions, time, date and place of meeting and will be present to present the appeal. ~~Staff will not send additional notification of meeting times.~~

Zach W. Stull  
Signature

Further, I hereby give City of Ann Arbor Planning & Development Services unit staff and members of the Housing Board of Appeals permission to access the subject property for the purpose of reviewing my variance request.

Zach W. Stull  
Signature

On this 20th day of September, 2018, before me personally appeared the above named applicant and made oath that he/she has read the foregoing application by him/her subscribed and knows the contents thereof, and that the same is true as to his/her own knowledge except as to those matters therein stated to be upon his information and belief as to those matters, he/she believes them to be true.

Melia H. Motley  
Notary Public Signature

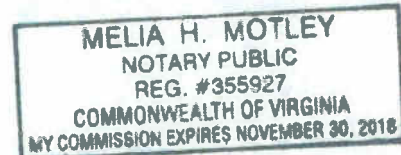
Nov 30, 2018 # 355927

Notary Commission Expiration Date

Melia H. Motley  
Print Name

**STAFF USE ONLY**

Date 10-12-16 Submitted: Fee \$500.00 10/12/16 Paid:  
 File HBA16-010 No.: Date of Public 11/10/16 Hearing  
 Pre-filing Staff Reviewer & Date ANNA 10/13/16 HBA Action: \_\_\_\_\_  
 Pre-Filing Review: \_\_\_\_\_  
 Staff Reviewer & Date: \_\_\_\_\_





## CITY OF ANN ARBOR

100 N. FIFTH AVE • ANN ARBOR, MI 48104  
(734) 794-6267

**Receipt Number: 2017-00021859**

**Project Number** HBA16-010  
**Receipt Print Date:** 10/12/2016  
**Address** 730 TAPPAN ST  
**Applicant**  
**Owner** SIG EP HOUSING MICHIGAN ALPHA, LLC  
**Project Description** Light and ventilation and Occupancy variance

### FEES PAID

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0010-033-3370-0000-4362

P&D - APPEAL FEES 15/16

HBA	0010-033-3370-0000-4362	500.00
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<b>Total Fees for Account 0010-033-3370-0000-4362:</b>	<b>500.00</b>
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<b>TOTAL FEES PAID</b>	<b>500.00</b>
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DATE PAID: Wednesday, October 12, 2016

PAID BY: LOGOS

PAYMENT METHOD: CHECK 1803

#### Section 4: Variance Request:

1. SigEp National Housing (SENH), the parent entity for Sig Ep Housing of MI Alpha LLC, has been working with the City of Ann Arbor intermittently since 2009 on the purchase and renovation of the property at 730 Tappan Avenue. The housing inspection that was conducted in August of 2016 was the first time SENH was made aware of lighting and ventilation ordinances that were required for each room in the property. SENH believed that after working with the City from 2009-2012, all necessary approval and paper work had been granted from the City Of Ann Arbor. The current occupancy based on the recent housing inspection is 35 members. The City of Ann Arbor (see accompanying certificate of compliance from the City in 2012) originally granted SigEp National Housing an occupancy of 45 tenants. By decreasing our allowed bed occupancy to 35, there becomes a financial hardship that does not allow SENH to make the necessary mortgage payments on the property. SENH only moved forward with this project after the City of Ann Arbor granted SENH a Special Exception Use Permit for 45 beds. After working with the zoning board and being granted an occupancy of 45, SENH proceeded with the purchase and renovations to the facility. (It should be noted that the purchase and adaptive re-use of this property was a complicated financial process, involving equity from fundraising, and first, second and third mortgages. The property is owned and operated by non-profit entities, and operates at best on a break-even basis.) The top priority of our renovations included life safety measures and modern HVAC systems for our tenants. SENH believes that the property is more than adequately equipped with life safety measures that keep our tenants safe. These life safety additions are highlighted below.

We thought it would also be helpful to share the financial details of the property to give the Housing Board of Appeals a complete picture of the financial hardship that would be caused with an occupancy of 35 vs. 45. Please see the attached financial budget for the 2016-2017 year. Here are some additional notes on the mortgage:

- Currently, the combined first and second mortgages on the property are approximately \$2,750,000.
  - The monthly debt service is \$14,783, for an annual total of \$177,396.
  - The deficit at an occupancy of 35 is roughly \$(90,000). At 45 members in the facility, SENH is breaking even.
  - SigEp National Housing only proceeded with the project at the occupancy that was granted by the city of Ann Arbor in 2012 of 45 tenants. The property cannot have a positive cash flow at an occupancy of 35.
2. As aforementioned, SigEp National Housing made it a priority to work with the City of Ann Arbor from 2009-2012 during the purchase and renovation of the property at 730 Tappan Avenue. We wanted to create a safe, healthy environment for our tenants that allowed them to be successful college students. When the Special Exception Use permit was granted to us back in

2012, we were confident in proceeding to re-develop the property with a proforma based on an occupancy of 45 members. After the recent inspection, this max occupancy number has been lowered to 35. At this number of tenants, SigEp National Housing would not have moved forward with the purchase of the property at 730 Tappan Avenue. At 35 members, debt servicing the current mortgage becomes increasingly difficult and creates a financial hardship. Even the exit strategy of renting or selling to another entity (fraternity, sorority, student group, or investor) becomes challenging, as the viability of the property is directly related to the occupancy capacity, and thereby rental income - which was vetted by the Special Exception Use at 45 beds.

3. There will not be any effect on the neighbors if a variance is granted.
4. When SigEp National Housing purchased the property, we made life safety and modern HVAC systems the top priority. The only reason we are currently not compliant with city ordinances is because we do not meet the necessary percentage of glazed area (windows) for a habitable room of at least 8% per ordinance 8:502 - 1. Even though the 8% minimum light standards are not met, we feel that we have more than adequate life safety measure to keep our tenants safe. Here are the upgrades that we completed before tenants were allowed to move in after we purchased the property:
  - Installed a new sprinkler system throughout facility
  - Upgraded the fire alarm system which is monitored 24 hours a day, 7 days a week
  - Installed new smoke detectors in all rooms
  - All rooms have a means of egress in case of a fire
  - All sleeping rooms, and common areas, have heating, air conditioning and ventilation provided by multi-mini split systems or package split systems - all new since August 2012.
  - Rebuilt and upgraded the entire electrical system.
5. The condition that prevents us from complying with the ordinance was not self imposed. When we purchased the property in 2012, we believed we were in compliance with city ordinances. We invested over \$1,300,000 in improvements to a 120 year old church to turn the property into a safe and comfortable home for the MI Alpha Chapter of Sigma Phi Epsilon. We partnered with the City of Ann Arbor to receive the proper approvals from the zoning board of appeals, the appropriate building permits, and the Certificate of Occupancy and Compliance at the completion of renovations. It was not until August of 2016 that we were informed that several of our rooms did not meet the requirements for light and ventilation per the City of Ann Arbor. In all of our conversations with the City of Ann Arbor, our local architects, our General Contractor, and our local property managers, in the last seven years, the lighting and ventilation Housing Code issues have never been mentioned. To the extent that the Special Exception Use approval for 45 beds represents a waiver to the existing conditions of the 120 year old building, we submit that the SEU and the Building Permit represent a waiver supporting this variance request. Also, to the extent that we followed proper procedure in procuring a Building Permit and CO, we submit that this variance request is reasonable for this property and should be approved.

OCCUPANCY OF 35

Michigan Alpha 2016-2017		
University of Michigan		Proforma
Property Value		\$2,800,000
Total Membership		96
Capacity		45
Occupancy	Fall Term	35
	Spring Term	35
Out of House Members	Fall Term	61
	Spring Term	61
<b>REVENUE</b>		
Rent: Room & Board (\$5,825 per semester)		\$407,750
Parlor Fees (\$200 per live out member, per semester)		\$24,400
Parking (\$500 per space, per semester)		\$13,000
Convenience Fee		\$1,000
<b>Gross Scheduled Income</b>		<b>\$446,150</b>
Less Outstanding Revenue (5%)		\$22,308
<b>EFFECTIVE GROSS INCOME</b>		<b>\$423,843</b>
<b>EXPENSES: FACILITY</b>		
<b>Taxes, Fees &amp; Insurance</b>		
Property Taxes		\$50,000
Insurance		\$9,200
Annual Audit & Accounting		\$1,500
Inspections and Registration Fees		\$2,000
Software & Bank Fee		\$2,000
<b>Total Taxes, Fees &amp; Insurance</b>		<b>\$64,700</b>
<b>Utilities</b>		
Security		\$1,000
Fire Protection System		\$500
Cable, Telephone & Internet		\$9,000
Utilities		\$38,000
Trash Service		\$1,200
<b>Total Utilities</b>		<b>\$49,700</b>
<b>Maintenance</b>		
Repairs and Maintenance		\$26,000
Maintenance: Grounds		\$3,500
Cleaning Service & Supplies		\$17,000
<b>Total Maintenance</b>		<b>\$46,500</b>
<b>Management Services</b>		
Local Management		\$11,000
SENH Management		\$17,846
<b>Total Management Services</b>		<b>\$28,846</b>
<b>Total Expenses: Facility</b>		<b>\$189,746</b>
<b>EXPENSES: FOOD/KITCHEN</b>		
Kitchen Equipment: Maintenance and Supplies		\$1,500

Food Service Provider	\$100,000	
<b>Total Expenses: Food/Kitchen</b>		<b>\$101,500</b>
<b>TOTAL OPERATING EXPENSES</b>		<b>\$291,246</b>
<b>EXPENSES: ASSET VALUE PROTECTION</b>		
Capital Reserve	\$22,308	
Capital Improvements	\$22,308	
<b>Total Asset Value Protection</b>		<b>\$44,615</b>
<b>TOTAL EXPENSES</b>		<b>\$335,861</b>
<b>OPERATING SUMMARY</b>		
Net Facility Operation	\$233,147	
Net Food/Kitchen Operation		
<b>Net Operating Income</b>		<b>\$132,597</b>
<b>CASH FLOW FROM OPERATIONS</b>		<b>\$87,982</b>
<b>DEBT SERVICE</b>		
BB&T B042-0 First Mortgage	\$177,396	
<b>TOTAL DEBT SERVICE</b>		<b>\$177,396</b>
<b>NET CASH FLOW</b>		<b>(\$89,415)</b>

OCCUPANCY OF 45

Michigan Alpha 2016-2017		
University of Michigan		Proforma
Property Value		\$2,800,000
Total Membership		96
Capacity		45
Occupancy	Fall Term	45
	Spring Term	45
Out of House Members	Fall Term	51
	Spring Term	51
<b>REVENUE</b>		
Rent: Room & Board (\$5,825 per semester)		\$524,250
Parlor Fees		\$20,400
Parking		\$13,000
Convenience Fee		\$1,000
<b>Gross Scheduled Income</b>		<b>\$558,650</b>
Less Outstanding Revenue (5%)		\$27,933
<b>EFFECTIVE GROSS INCOME</b>		<b>\$530,718</b>
<b>EXPENSES: FACILITY</b>		
Taxes, Fees & Insurance		
Property Taxes		\$50,000
Insurance		\$9,200
Annual Audit & Accounting		\$1,500
Inspections and Registration Fees		\$2,000
Software & Bank Fee		\$2,000
<b>Total Taxes, Fees &amp; Insurance</b>		<b>\$64,700</b>
Utilities		
Security		\$1,000
Fire Protection System		\$500
Cable, Telephone & Internet		\$9,000
Utilities		\$38,000
Trash Service		\$1,200
<b>Total Utilities</b>		<b>\$49,700</b>
Maintenance		
Repairs and Maintenance		\$26,000
Maintenance: Grounds		\$3,500
Cleaning Service & Supplies		\$17,000
<b>Total Maintenance</b>		<b>\$46,500</b>
Management Services		
Local Management		\$11,000
SENH Management		\$22,346
<b>Total Management Services</b>		<b>\$33,346</b>
<b>Total Expenses: Facility</b>		<b>\$194,246</b>
<b>EXPENSES: FOOD/KITCHEN</b>		
Kitchen Equipment: Maintenance and Supplies		\$1,500



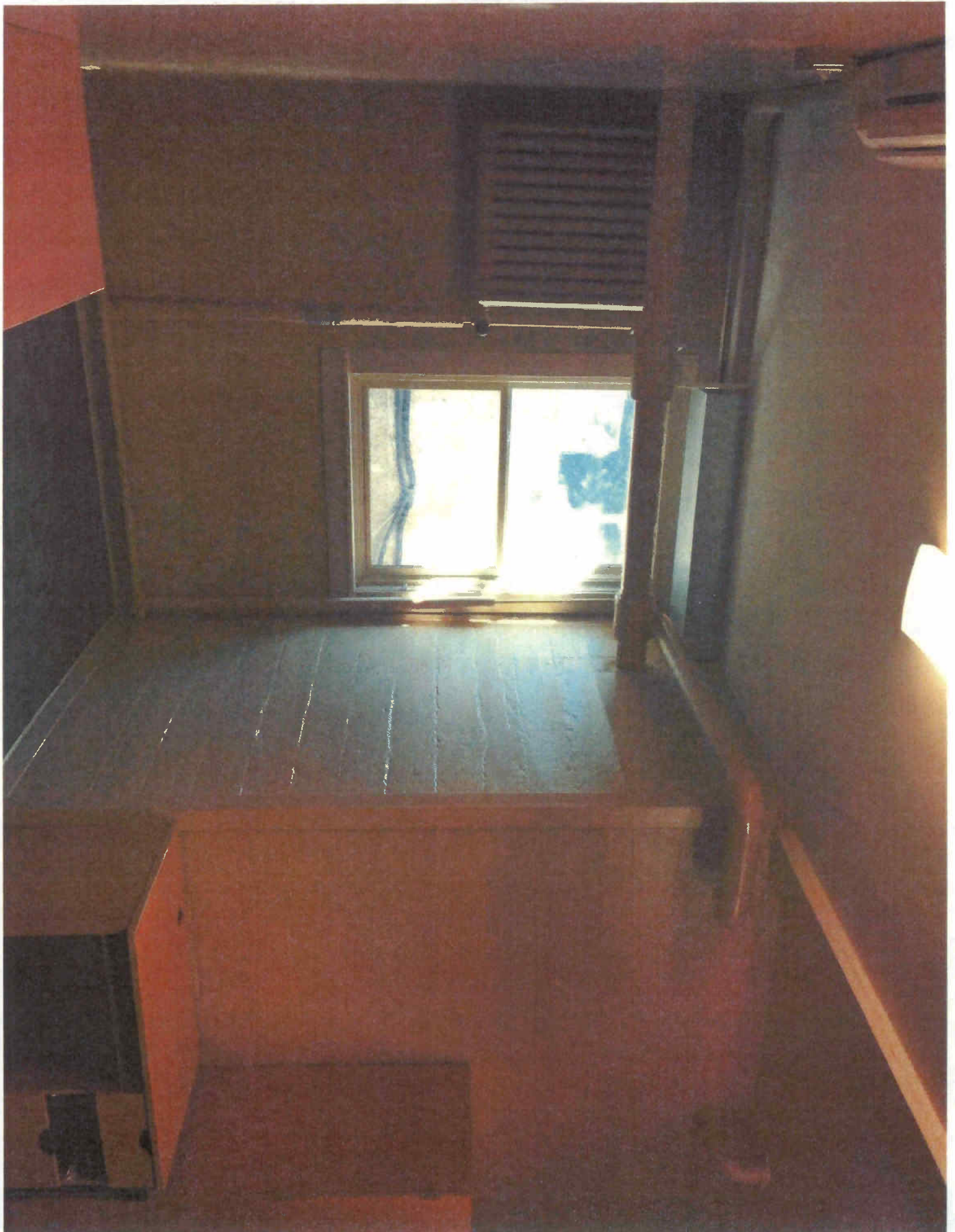
Food Service Provider	\$100,000	
<b>Total Expenses: Food/Kitchen</b>		<b>\$101,500</b>
<b>TOTAL OPERATING EXPENSES</b>		<b>\$295,746</b>
<b>EXPENSES: ASSET VALUE PROTECTION</b>		
Capital Reserve	\$27,933	
Capital Improvements	\$27,933	
<b>Total Asset Value Protection</b>		<b>\$55,865</b>
<b>TOTAL EXPENSES</b>		<b>\$351,611</b>
<b>OPERATING SUMMARY</b>		
Net Facility Operation	\$335,522	
Net Food/Kitchen Operation		
<b>Net Operating Income</b>		<b>\$234,972</b>
<b>CASH FLOW FROM OPERATIONS</b>		<b>\$179,107</b>
<b>DEBT SERVICE</b>		
BB&T B042-0 First Mortgage	\$177,396	
<b>TOTAL DEBT SERVICE</b>		<b>\$177,396</b>
<b>NET CASH FLOW</b>		<b>\$1,710</b>



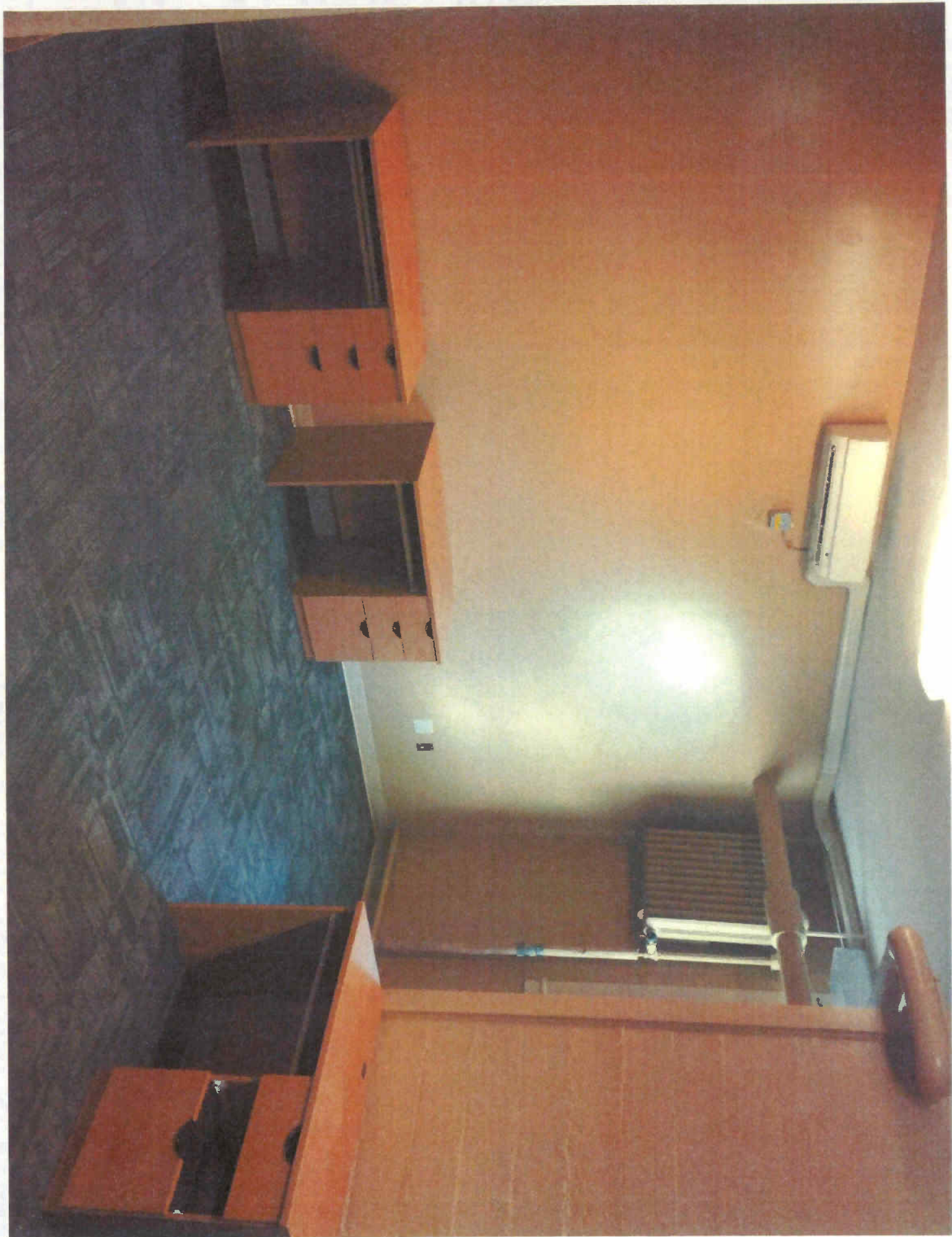




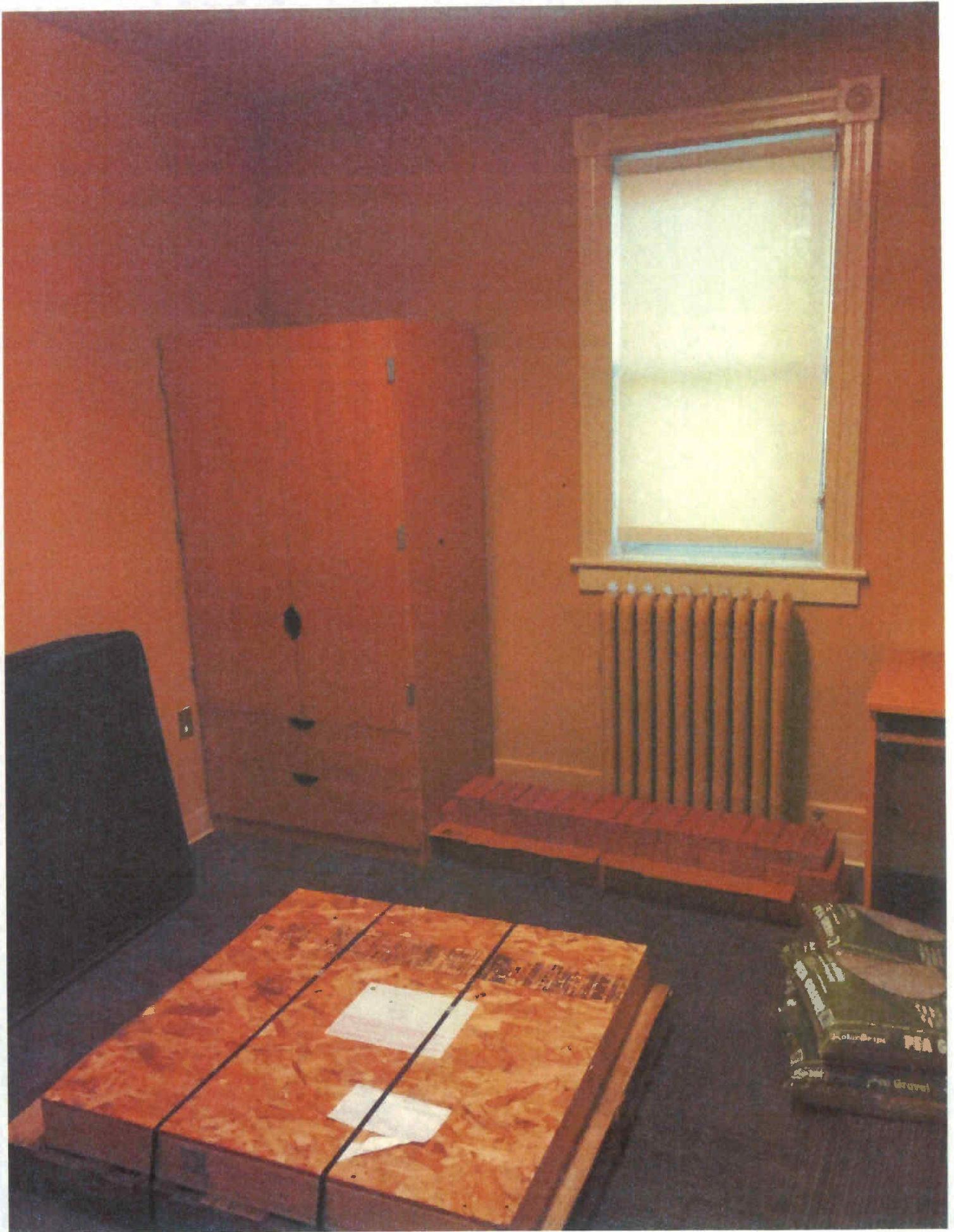










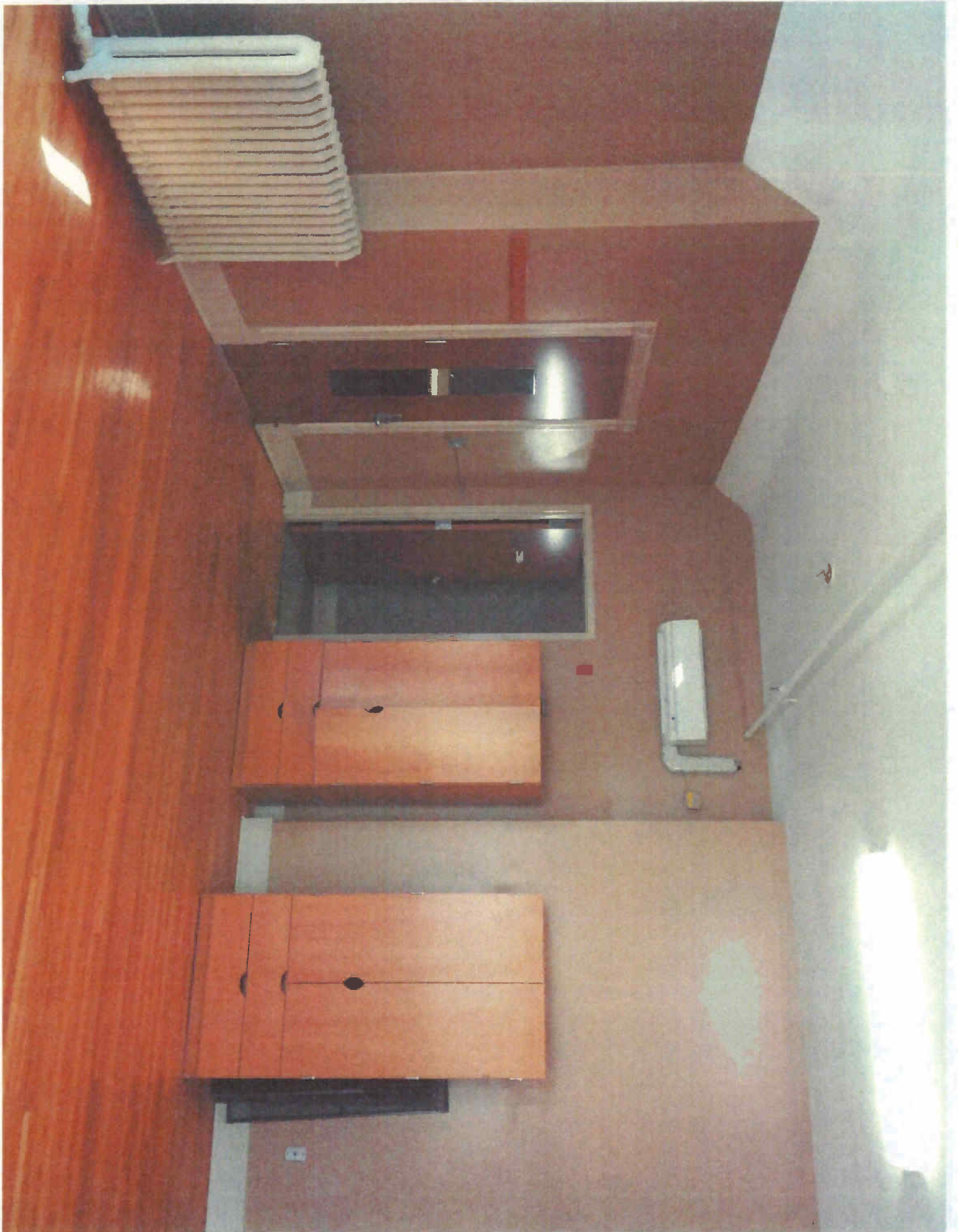






















## CITY OF ANN ARBOR, MICHIGAN

Community Services Area  
Planning & Development Services Unit  
301 E. Huron St, P.O. Box 8647,  
Ann Arbor, Michigan 48107-8647  
Phone: (734) 794-6264  
Fax: (734) 994-8460

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October 19, 2016

Sig Ep Housing Michigan Alpha, LLC  
310 South Boulevard  
Richmond, VA 23220  
C/O: Zach Stull

Re: 730 Tappan Street, Ann Arbor, Michigan, 48103  
Parcel Identification Number ("PIN"): 09-09-28-303-024

Dear Mr. Stull:

Please consider this as a notice to attend the Ann Arbor Housing Board of Appeals meeting for your variance request. You will have the opportunity to address the Board.

This meeting will take place on Wednesday, November 9, 2016 at 1:30 PM on the 2<sup>nd</sup> floor of City Hall in the Council Chambers.

If you are planning to support your request with information or evidence not included with your application, please submit your additional information to City Housing Department staff either by email at [a2rentalhousing@a2gov.org](mailto:a2rentalhousing@a2gov.org) or in person no later than the Friday before the meeting to allow time for distribution to the Board members. If you bring additional materials to the meeting, please bring 10 hard copies for the Board members and City staff.

Sincerely,

Lisha Turner-Tolbert  
Rental Housing Services Manager



**CITY OF ANN ARBOR, MICHIGAN**

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[www.a2gov.org](http://www.a2gov.org)

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This is to certify that a

**CERTIFICATE OF COMPLIANCE AND OCCUPANCY,  
COFO12-0124,**

has been issued by the City of Ann Arbor Planning & Development Services for substantial compliance with all state and local code requirements pertaining to Building Permit **BLDG12-0077** and may be occupied and used for the following purpose(s):

**INTERIOR RENOVATION TO CONVERT EXISTING CHURCH**

Property Address: **730 TAPPAN ST**

Owner: **SIG EP HOUSING MICHIGAN ALPHA,  
310 SOUTH BOULEVARD  
Richmond, VA 23220**

Tenant: **Sigma Phi Epsilon  
730 Tappan  
Ann Arbor, MI 48104**

Zoning: **R4C**  
No. Units: **1**  
Use: **R-2, A-2**  
Code: **2009 Exist**  
Occupant Load: **899**

Building SF: **13706**  
No. Stories: **3**  
Const. Type: **5B**  
Suppression System: **NFPA-13R,**

Stipulations:

**INTO A FRATERNITY. PARTITION WALLS, WINDOWS, BATHROOMS, CEILINGS, FLOORING & TRADE UPGRADES**

**Bicycle parking must be installed per approved plot plan and THREE footing drains disconnects REQUIRED before issuance of CO. Contact: Matt Kowalski x42612**

*Ralph Welton* **8/29/2012**

Building Official



**BUILDING PERMIT**  
**CITY OF ANN ARBOR**

**BUILDING DEPARTMENT**  
100 North Fifth Avenue  
Ann Arbor, MI 48104  
Phone: (734) 794-6267  
Fax: (734) 994-8460

PLEASE VISIT THE CITY WEB SITE TO SCHEDULE YOUR INSPECTION - [WWW.A2GOV.ORG/permits](http://WWW.A2GOV.ORG/permits)

Permit Number: **BLDG12-0077**

Construction Type: **5B**

Use Group: **899**

Work Type: **COMM ADD/ALT**

**INTERIOR RENOVATION TO CONVERT EXISTING CHURCH**

Stipulations: **INTO A FRATERNITY. PARTITION WALLS, WINDOWS, BATHROOMS, CEILINGS, FLOORING & TRADE UPGRADES**

Bicycle parking must be installed per approved plot plan and **THREE footing drains disconnects REQUIRED** before issuance of CO. Contact: **Matt Kowalski x42612**

LOCATION	OWNER
<b>730 TAPPAN ST 09-09-28-303-010</b>	<b>MEMORIAL CHRISTIAN CHURCH 730 TAPPAN AVE Ann Arbor, MI 48104</b>

Approved plans must be retained on job and this card kept posted until final inspection has been made. Permits and inspection notices must be posted at a single location on site (electrical panel, etc.). Where a Certificate of Occupancy is required, such building shall not be occupied until final inspection has been approved. Minimum 24 hour notice required for inspection. You must request inspection.

CONTRACTOR
<b>Phoenix Contractors Inc 2111 GOLFSIDE Ypsilanti, MI 48197 (734) 487-9640</b>

Permit Item	Account Number	Fee Basis	Amount
PLAN EXAMINATION	0026-033-3330-0000-434	0	2,085.00
BUILDING PERMIT FEE	0026-033-3330-0000-431	0	5,212.00
COMPLIANCE REV OVER 10,000	0010-050-3360-0000-432	0	50.00

Ralph Welton  
Building Official

Date Issued: **02/29/2012**  
Date Expires: **08/27/2012**

**Fee Total: \$7,347.00**  
**Amount Paid: \$7,347.00**

**BALANCE DUE: \$0.00**

I agree this permit is only for the work described and does not grant permission for additional work which requires separate permits. I understand that this permit will become invalid, and null and void if work is not started within 180 days, or if work is suspended or abandoned for a period of 180 days any time after work has commenced, and that I am responsible for assuring all required inspections are requested in conformance with the applicable code.

I hereby certify that the proposed work is authorized by the owner, and that I am authorized by the owner to make this application as authorized agent. I agree to conform to all applicable laws of the State of Michigan and local jurisdiction. All information on the permit application is accurate.

Payment of permit fee constitutes acceptance of above terms.

## JONATHAN J. KUCERA, ARCHITECT

10820 Ramshorn Road M IDLOTHIAN, VIRGINIA 23113  
804.272.0430 fax 804.272.1956 [jkucera2@verizon.net](mailto:jkucera2@verizon.net)

City of Ann Arbor  
Planning & Development Services - Construction Services  
301 E. Huron Street, P.O. Box 8647  
Ann Arbor, Michigan 48107-8647

September 1, 2016

Attention: Building Official

I am the Owner's Project Representative for Sig Ep Housing of Michigan Alpha, LLC, the owner and manager of the fraternity house at 730 Tappan Street. In July & August, 2016, your offices conducted a Housing Inspection, from which I have a copy of the 8 page report. The purpose of this letter is twofold:

1. To re-state the history of the renovations of this property, and;
2. To request sufficient time to make the physical repairs noted in the inspection, and to address, by variance if necessary, the question of occupancy of several sleeping rooms.

### History of the Building Renovations

From 2009 through 2012, I was involved in the property purchase and design of the renovations to convert the former Memorial Christian Church to the new home for the MI Alpha Chapter of Sigma Phi Epsilon Fraternity. The Architect of Record was Hobbs + Black of Ann Arbor; Bill Hobbs is an Alumnus, and Steve Dykstra was the Project Architect. Attached find the following documents pertinent to that process:

- City Planning reports approving the Special Exception Use of the renovated building for 45 sleeping beds, dated April 17, 2012. Procuring this SEU was a condition precedent to closing on the purchase of the building, and achieving the bed count was a qualifying condition for the operating proforma of the project.
- Minutes of the Ann Arbor Zoning Board of Appeals, approving a variance to alter a non-conforming structure. This variance was also a condition of the purchase.
- Copy of the Building Permit, issued 02/29/12 for renovations to convert the existing church to a fraternity occupancy, based on the plans submitted.
- Copy of the Certificate of Compliance and Occupancy, #COFO12-0124.

It has been the perspective of the Owner that these documents, supported by permitted construction documents for existing building modifications, including a wet sprinkler fire suppression system and other life safety provisions, provided the basis for a 45 bed occupancy of the building.

If the essence of the Ann Arbor Housing Code (Chapter 105) is that the floor area ratios for light and ventilation prevail, we have no choice but to file for a variance. However, we need time to clearly understand the application of the Code as it relates to this occupancy, and to file the application.

**Response to the Inspection Report**

There is no question that the issuance of the report, within weeks of the return of the Chapter residents for the Fall semester, was untimely and created a serious disruption to the residents and management. We also understand that there was a failure of communication among the local property manager and the building owner/manager, resulting in a lack of immediate response. That situation has been resolved, and the Owner is motivated to address the inspection report in three categories of attention:

1. Immediate non-construction work. Cleaning up trash, cutting vegetation, and moving furniture out of egress ways, and other work that has already been done or can be accomplished in short order.
2. Construction, repairs, MEP work, and systems inspection reports: Owner will address those items required by your inspection, and not challenged by variance. However, we need the time to arrange for the work with the appropriate subs and vendors, as well as to conduct the work while the building is occupied.
3. Sleeping Rooms: Owner needs to understand why all sleeping rooms are not now acceptable for the 45 occupancy count as represented by the 2012 Building Permit and 2012 Certificate of Compliance and Occupancy. Then, if necessary, Owner will submit an application for variance. However, this will also take time and effort to organize the proper documentation.

The agent for Owner is Zach Stull, Asset Manager for Sig Ep National Housing. Zach will be responsible for orchestrating the full response to the inspection report, including any application for variance. He can also provide a full set of the 2012 construction documents to more fully explain the building systems.

Sincerely,



Jonathan J. Kucera, Architect  
Owner's Project representative



## CITY OF ANN ARBOR, MICHIGAN

Community Services Area  
Planning & Development Services Unit  
100 North Fifth Ave, P.O. Box 8647, Ann Arbor, Michigan 48107  
Phone: (734) 994-2674  
Fax: (734) 994-2798  
[www.a2gov.org](http://www.a2gov.org)

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### Zoning Board of Appeals February 23, 2011 Regular Meeting

#### STAFF REPORT

**Subject:** ZBA11-002 – 730 Tappan

**Summary:** Jonathan Kucera is requesting Permission to Alter a Non-conforming Structure in order to permit the conversion of a non-conforming structure to residential use (fraternity house) with a maximum of 44 beds.

#### **Description and Discussion:**

##### Background:

The subject property is located on the northwest corner of Hill and Tappan and is zoned R4C(Multiple-Family). The original sanctuary was built in 1891 and moved to the current site in 1923. An education wing was constructed in 1972 on the north side of the building. In 1993, a site plan was approved for a small elevator room on the northwest corner of the building. This addition required approval from the Zoning Board of Appeals for Permission to Alter a Non-conforming Structure, as well as a variance from the required amount of parking due to the large number of spaces required by a church use. The permission and variance were granted in September of 1991. The structure is non-conforming for insufficient front setbacks along Tappan and Hill Street.

##### Current proposal:

The owner of the property wishes to convert the existing building, which is currently used as a church, to a fraternity house with a maximum of 44 occupants. No exterior changes are proposed. Existing parking will remain; 9 parking spaces are required by code and 18 spaces (including one barrier free) currently exist. Fraternity houses are allowed in the R4C zoning district subject to Special Exception Use approval by the Planning Commission. This project is scheduled to go before the Planning Commission on March 1<sup>st</sup>. The petitioner has been informed of the preferred timeline of ZBA

Both the existing church and residential uses are permitted in the R4C Zoning District. The fraternity use is permitted subject to Special Exception Use approval by the Planning Commission.

**(b). *The alteration will not have a detrimental effect on neighboring property***

As mentioned previously, the structure is zoned R4C (Multiple-Family residential), and is located in close proximity to the University campus. The parcel is surrounded by multiple-family structures of similar density and across the street from the University of Michigan School Of Business. There will be no expansion of the building footprint and no additional floor area will be added to the building. There are 18 parking spaces provided on the site and only 9 are required by City Code. Based on the parcel location and surrounding land uses, this proposal will not have a detrimental effect on any neighboring properties.

Respectfully submitted,



**Matt Kowalski, AICP**  
**City Planner**





## City of Ann Arbor

PLANNING & DEVELOPMENT SERVICES — PLANNING DIVISION

301 East Huron Street | P.O. Box 8647 | Ann Arbor, Michigan 48107-8647  
p. 734.794.6265 | f. 734.994.8312 | [planning@a2gov.org](mailto:planning@a2gov.org)

June 15, 2012

SIG EP Housing of Michigan Alpha, LLC  
c/o Patrick Murphy  
310 South Boulevard  
Richmond, VA 23220

Subject: Sigma Phi Epsilon Revised Special Exception Use – 730 Tappan Street

Dear Mr. Murphy:

I am pleased to inform you that the Ann Arbor City Planning Commission, at its meeting of April 17, 2012, approved the requested modification to the approved special exception use for the Sigma Phi Epsilon fraternity located at 730 Tappan. The special exception use was modified to allow an increase of one occupant for a maximum of 45 occupants, including the resident manager.

Any special exception use approval granted by the Planning Commission must be activated within 3 years of the date of approval. If the use is activated within this period, the approval shall continue as long as the use continues to operate as approved by the Commission.

When an approved special exception use ceases to function for a period of 24 months, the special exception use status shall lapse and shall no longer be in effect. A 12-month extension may be approved by the Planning Commission.

Note that the approval of the Sigma Phi Epsilon Special Exception Use is also subject to: 1) the standards for fraternities in Chapter 55, Section 5:10.4(3), including a resident manager, being met at all times; 2) required bicycle parking as shown on plot plan must be installed and three footing drains must be disconnected before a certificate of occupancy for the fraternity use will be issued; and 3) all improvements, including landscaping, shown on the plot plan and previously approved site plan must be maintained in good condition.

If you have any questions concerning this action, please contact Planning and Development Services at 734-794-6265.

Sincerely,

Wendy L. Rampson  
Planning Manager

Enclosure: Plot Plan  
c: City Assessor  
File No. SEU12-002

**PLANNING AND DEVELOPMENT SERVICES STAFF REPORT**

**For Planning Commission Meeting of April 17, 2012**

**SUBJECT: Sigma Phi Epsilon Special Exception Use Modification  
(730 Tappan)  
File No. SEU12-002**

**PROPOSED CITY PLANNING COMMISSION MOTION**

The Ann Arbor City Planning Commission, after hearing all interested persons and reviewing all relevant information, finds the petition to substantially meet the standards contained in Chapter 55 (Zoning Ordinance), Section 5:104 (Special Exceptions), and, therefore, approves the Sigma Phi Epsilon Special Exception Use Modification for a fraternity with not more than 45 occupants.

**STAFF RECOMMENDATION**

Staff recommends the special exception use modification be **approved** because the proposed use is of such location, size and character as to be compatible with the zoning district in which the site is situated; and the location and size of the proposed use, its nature and intensity, the site layout and access, and effect of the proposed use on public services would not be hazardous or inconvenient to the neighborhood nor unduly conflict with the normal traffic of the neighborhood.

**LOCATION**

This site is located on the northwest corner of Tappan and Hill east of State Street (Central Area; Allen Creek watershed).

**DESCRIPTION OF PROJECT**


The petitioner seeks approval for modification to the approved special exception use to permit the addition of one occupant to the previously approved maximum of 44 occupants, for a maximum of 45 occupants. The petitioner is establishing a fraternity in a former church located at the northwest corner of Hill and Tappan Streets. The 15,560-square foot structure currently is being renovated by the fraternity in accordance with the special exception use approved by the Planning Commission on March 1, 2011.

The site is zoned R4C (Multiple-Family Dwelling District), in which fraternities are permitted with special exception use approval. Per Chapter 55 (Zoning Ordinance), Section 5:10.4, a parcel used for a fraternity use must have a minimum of 350 square feet per occupant, so this 22,400 square foot parcel could support up to 64 occupants. The petitioner is requesting an occupancy increase to 45 occupants, one of whom must be a resident manager.

The site is currently accessed by two curb cuts, one on Tappan Street and one on Hill Street. Parking for seventeen vehicles (including one barrier free) is provided; 9 spaces parking spaces are required. The petitioner will install 22 bicycle parking spaces: 11 exterior spaces (Class C)

applications that need Planning Commission approval, but due to their schedule of the project, they have requested a hearing from the ZBA first. If approved by the Planning Commission, the project does not need City Council approval.

**Zoning Comparison Chart for Non-Conforming Structures**

	EXISTING	PROPOSED	REQUIREMENTS
Zoning -	R4C (Multiple-Family District)	R4C	R4C
Front setback	20.5 feet East (Tappan) 19.6 feet South(Hill)	20.5 feet East (Tappan) 19.6 feet South(Hill)	

\* 25 feet standard required, however additional setbacks required due to length and height of existing structure

**Standards for Approval- Permission to Alter a Non-Conforming Structure**

Chapter 55 (Zoning), Section 5:87. Structure nonconformance

- (1) A nonconforming structure may be maintained or restored, but no alteration shall be made to a nonconforming structure unless 1 of the following conditions is met:
  - (a) The alteration is approved by the Zoning Board of Appeals upon a finding that it complies as nearly as practicable with the requirements of this Chapter and that it will not have a detrimental effect on neighboring property.
  - (b) The alteration conforms to all the requirements of this Chapter and is made to a building which will be a single-family dwelling on completion of the alteration and is located in an R1, R2, R3 or R4 district.
- (2) For purposes of this section, alteration shall mean any change in a building which results in additional floor area being fit for occupancy, **a greater number of dwelling or rooming units** or an increase in the exterior dimensions of the building.

(emphasis added by staff)

The Zoning Board of Appeals has all the power granted by State law and by Section 5:98, from the City of Ann Arbor Zoning Ordinance. The following criteria shall apply:

- (a). ***The alteration complies as nearly as practicable with the requirements of the Zoning Chapter.***

The petitioner is seeking permission to convert the existing church into a fraternity house with a maximum of 44 occupants. There will be no addition of floor area and no external modifications in order to convert the existing structure.

and 11 within the basement level of the structure (Class A). No site plan is required because there are no changes being proposed to the site that trigger site plan requirements. No expansion of the current floor area of the building is proposed.

**COMPARISON CHART**

		EXISTING/PROPOSED	REQUIRED
Zoning		R4C (Multiple-Family Dwelling District)	R4C
Gross Lot Area		22,400 sq ft (0.51 acres)	8,500 sq ft MIN
Setbacks	Front	Olivia – 19.50 ft Cambridge – 20.42 ft	25 ft MIN *
	Side	22.33 ft	13.9 ft MIN (10% of the lot width)
	Rear	44 ft	30 ft MIN
Parking - Vehicles		17 spaces (includes 1 barrier-free)	9 spaces MIN (1 space per 5 beds)
Parking – Bicycles		11 Class A 11 Class C	22 spaces MIN

\* Permission to alter a non-conforming structure obtained from the Zoning Board of Appeals

**SURROUNDING LAND USES AND ZONING**

	LAND USE	ZONING
<b>NORTH</b>	Multiple-Family Residential	R4C (Multiple-Family Dwelling District)
<b>EAST</b>	University of Michigan	PL (Public Land)
<b>SOUTH</b>	Multiple -Family Residential	R4C (Multiple-Family Dwelling District)
<b>WEST</b>	Multiple-Family Residential	R4C (Multiple-Family Dwelling District)

**HISTORY**

The main sanctuary of the church was constructed in 1891 and moved to the current site in 1923. The educational wing along Tappan was constructed in 1973. A small elevator room addition was constructed in 1991. The Zoning Board of Appeals granted approval to alter (add dwelling units) to this non-conforming structure on February 23, 2011. A special exception use was approved by the Planning Commission in March 2011 for a fraternity use with a maximum of 44 occupants. The fraternity purchased the property in early 2012 and interior renovations for the fraternity were begun in March 2012.

## PLANNING BACKGROUND

The Master Plan Land Use Element recommends multiple-family uses for the site.

### SPECIAL EXCEPTION USE STANDARDS

The Planning Commission, in arriving at its decision relative to any application for a special exception, shall apply the following standards (petitioner's response in regular type, *staff comments in italic type*):

#### Use and Specific Standards:

**The applicant requests special exception use approval to permit the following use(s):**

Increase the previously approved Special Use (44 bed fraternity occupancy – see attached letter and building permit) by one bed to a total of 45 beds to allow a separate bedroom for the required resident manager.

*The petitioner is proposing to re-use the existing church structure for occupation starting in the fall 2012. The modification request seeks an increase of one occupant for a maximum of 45 occupants (previously approved maximum was 44 occupants). The structure is 15,560 square feet in size and could have a maximum occupancy of 64 occupants. Any special exception use granted by the Planning Commission must be activated within three years of approval.*

**The proposed use is allowed in accordance with the Schedule of Use Regulations, Chapter 55 Section 5:10.2 Paragraph 3a. Specify how the project meets all standards cited:**

The current zoning R4C allows as a permitted principal use any special exception use in R2B, which allows a fraternity occupancy stated in 5:10.4(3)(a)(1-6). The requirements will be met or are not an issue as illustrated on the attached Exhibit 3.

**General Standards: The proposed use(s) shall be of such location, size and character as to be compatible with the appropriate and orderly development of the zoning district and adjacent zoning districts in which the site is situated. In applying this standard, the Planning Commission shall consider whether the proposed use:**

- 1. Will be consistent with the general objectives of the City Master Plan.**

Yes, as previously approved.

*The Master Plan Land Use Element recommends multiple-family uses for the site.*

- 2. Will be designed, constructed, operated and maintained in a manner that is compatible with the existing and planned character of the general vicinity.**

Yes, as previously approved. See attached floor plans for most recent room layout.

*The existing structure has been integrated well into the surrounding area of multiple-family and University structures.*

- 3. Will be consistent with the general character of the neighborhood considering population density, design, scale and bulk; and the intensity and character of activity.**

Yes, substantially multi-family (student rental), commercial, and university occupancies in that block north of Hill Street.

*The existing structure has been at this location since 1923 and is similar in character to the surrounding land uses. No changes are proposed to the exterior of the structure or to the site. It is consistent in scale and bulk with structures on adjacent parcels.*

- 4. Will not be detrimental to the use, peaceful enjoyment, economic value or development of neighborhood property, or the neighborhood area in general.**

Will not- as previously approved.

*An increase of one occupant will not have a detrimental effect on the neighborhood. Surrounding uses are multiple-family and the parcel is located directly across the street from the U of M Central Campus and the School of Business. A resident manager is also required as part of the special exception use standards.*

- 5. Will not have a detrimental effect on the natural environment.**

Will not- as previously approved.

*No changes are proposed to the site.*

**The location and size of the proposed use(s), the nature and intensity of the principal use and all accessory uses, the site layout and its relation to streets giving access to it, shall be such that traffic to and from the use(s), the assembly of persons in connection therewith, and the effect of the proposed use on public services and facilities, will not be hazardous or inconvenient to the neighborhood nor unduly conflict with the normal traffic of the neighborhood. In applying this standard, the Planning Commission shall consider, at minimum:**

- 6. The location and access to off-street parking and the safe provision for pedestrian traffic.**

See approved site plan – attached.

*Access to off-street parking is from existing curb cuts on Tappan and Hill. Sidewalks exist along both streets that promote pedestrian traffic. Staff feels the location of and access to off-street parking is safe.*

**7. The relationship of the proposed use to main traffic thoroughfares and to streets and road intersections.**

See approved site plan – attached.

*The proposed use is located on the corner of Tappan and Hill, which are not main traffic thoroughfares. Staff does not anticipate any increased traffic intrusion into the established neighborhood.*

**8. Vehicular turning movements in relation to traffic flow routes.**

See approved site plan – attached.

*The two main access points are on Tappan and Hill, streets with minor traffic flow. The access to Hill is one-way, only providing an exit, all traffic entering the site will use the Tappan entrance.*

**9. The intensity and character of traffic and parking conditions on the site and in the general area.**

See approved site plan – attached.

*The traffic patterns and parking on the site will not change from its historical use. There will be no increase in on-site parking.*

**10. The requirements for additional public services and facilities which will be created by the proposed use will not be detrimental to the social and economic welfare of the community.**

No increase in public services and facilities, as previously approved and shown on the attached site plan.

*Adequate capacity exists for all City utilities to serve the site.*

**COMMENTS PENDING, UNRESOLVED OR NOTED**

Planning – The standards for fraternities listed under Chapter, 55 Section 5:10.4(3) must continue to be met at all times.

Systems Planning and Project Management: Sewer flow data indicates that three footing drains will be required to be disconnected as part of this project.

Prepared by Matthew Kowalski  
Reviewed by Wendy Rampson

Sigma Phi Epsilon  
Special Exception Use Modification  
Page 6

Attachments: Zoning/Parcel Maps  
Aerial Photo  
Site Survey

c: Owner: SIG EP Housing of Michigan Alpha, LLC  
c/o Patrick Murphy  
310 South Boulevard  
Richmond, VA 23220

Petitioner: Jonathan Kucera, Architect  
3711 Darby Drive  
Midlothian, VA 23113

Systems Planning  
File No. SEU12-002





APPROVED MINUTES OF THE REGULAR MEETING OF  
THE ZONING BOARD OF APPEALS OF THE CITY OF ANN ARBOR  
February 23, 2011

The Regular Session of the Zoning Board of Appeals was held on Wednesday, February 23, 2011 at 6:00 p.m. in the CTN Building, 2805 South Industrial Hwy., A2, MI. The meeting was called to order at 6:00 p.m. by Acting Chairperson Candice Briere.

**ROLL CALL**

Members Present: (5) C. Briere, E. Briggs, J. Boggs,  
A. Milshteyn and S. Briere (arr. @ 6:16 p.m.)

Members Absent: (4) C. Kuhnke, D. Gregorka, W. Carman & 1 Vacancy

Staff Present: (1) M. Kowalski

**A - APPROVAL OF AGENDA**

A-1 - The Agenda was approved as presented.

**B - APPROVAL OF MINUTES -**

B-1 Draft Minutes of the 2010-08-25 Regular Session (*Postponed at the December 2010 Regular Session*)

B-2 Draft Minutes of the 2010-10-28 Regular Session (*No November Session.*)

**MOTION**

Moved by S. Briere, Seconded by A. Milshteyn, "To Approve the August 25, 2010 Regular Session Minutes and the October 20, 2010 Regular Session Minutes as Presented."

On a Voice Vote - MOTION TO APPROVE - *PASSED - Unanimous*

**C - APPEALS & ACTION**

C-1 ZBA11-001 - 2907 Lakeview Drive

**Description and Discussion**

Bonnie Greenspoon (Lewis Greenspoon Architects, representing the owners of this property, is requesting one Variance from Chapter 55 (Zoning) Section 5:57 (Averaging an Existing Front Setback Line), of 13 feet 6 inches for expansion of an existing residential structure into the front setback. (32 feet 6 inches is required by Code for an Averaged Front Setback).

The petitioner is proposing to construct a 296 square foot covered front porch addition to the existing single-family house. The house was built in 1929 and is currently setback 23 feet 6 inches from the front property line and has a small existing covered front stoop.

- 105 b) That the alleged hardships or practical difficulties, or both, which will result from  
 106 a failure to grant the variance, include substantially more than mere  
 107 inconvenience, inability to attain a higher financial return, or both.
- 108 c) The variance, if granted, will not significantly affect surrounding properties.
- 109 d) The circumstances of the variance request are not self-imposed.
- 110 e) The variance request is the minimum necessary to achieve reasonable use of the  
 111 structure.

112 **ADD: Friendly Amendment:** Moved by S. Briere, Seconded by J. Boggs, "To add the  
 113 stipulation that this structure shall not be enclosed in the future." (This will be item "f"  
 114 below):

115 f) *This structure is not to be enclosed in the future."*

116 On a Voice Vote – MOTION TO APPROVE – PASSED – UNANIMOUS  
 117 **Variance Granted**

118  
 119  
 120 **MOTION #2**

121 Moved by E. Briggs, Seconded by A. Milshteyn, "In the case of ZBA11-001, 2907 Lakeview  
 122 Drive, the Zoning Board of Appeals hereby grants Permission to Alter a Non-  
 123 Conforming Structure, based on the following findings of fact and in accordance with  
 124 the established standards for approval:  
 125

- 126
- 127 a) The alteration complies as nearly as practicable with the requirements of the  
 128 Zoning Chapter; And,  
 129
- 130 b) The alteration will not have a detrimental effect on neighboring property."

131  
 132 On a Voice Vote – MOTION TO APPROVE – PASSED – UNANIMOUS  
 133 **Permission to alter a Non-Conforming Structure - Granted**

134  
 135  
 136 **C-2 ZBA11-002 – 730 Tappan Street**

137  
 138 **Description and Discussion**

139 Gerald Mangona (Sigma Phi Epsilon) is requesting Permission to Alter a Non-Conforming  
 140 Structure to permit the addition of residential dwelling units to a Non-conforming structure.  
 141

142  
 143 The subject property is located on the northwest corner of Hill and Tappan and is zoned R4C  
 144 (Multiple-Family). The original sanctuary was built in 1891 and moved to the current site in  
 145 1923. An education wing was constructed in 1972 on the north side of the building. In 1993, a  
 146 site plan was approved for a small elevator room on the northwest corner of the building. This  
 147 addition required approval from the Zoning Board of Appeals for Permission to Alter a Non-  
 148 conforming Structure, as well as a variance from the required amount of parking due to the  
 149 large number of spaces required by a church use.

150 Permission to Alter A Non-Conforming Structure and a Variance were granted in September  
 151 of 1991. The structure is non-conforming for insufficient front setbacks along Tappan and Hill  
 152 Streets.

153

154 **Current proposal:**

155

156 The owner of the property wishes to convert the existing building, which is currently used as a  
 157 church, to a fraternity house with a maximum of 44 occupants. No exterior changes are  
 158 proposed. Existing parking will remain; 9 parking spaces are required by code and 18 spaces  
 159 (including one barrier free) currently exist. Fraternity houses are allowed in the R4C zoning  
 160 district subject to Special Exception Use approval by the Planning Commission. This project is  
 161 scheduled to go before the Planning Commission on March 1<sup>st</sup>. The petitioner has been  
 162 informed of the preferred timeline of ZBA applications that need Planning Commission  
 163 approval, but due to their schedule of the project, they have requested a hearing from the ZBA  
 164 first. If approved by the Planning Commission, the project does not need City Council approval.

165

166 **Questions to Staff by the Board**

167

168 *General discussion by the Board regarding the density allowed, number of beds allowed and*  
 169 *parking. Further discussion on this being a Planning Commission issue. If this is denied, the*  
 170 *"Special Exception Use" by Planning Commission, this could be brought back to the ZBA and*  
 171 *revoked.*

172

173 **Presentation by the Petitioner**

174

175 Mr. John Kucera, architect and executive with C. F. National Housing Corp., whose purpose is  
 176 to counsel, provide funding, and provide safe and appropriate housing for its undergraduate  
 177 members. We've been assisting the Michigan Alpha Alumni Corp. for the past three months to  
 178 assist them in due diligence under an option to purchase this property. The current owner (the  
 179 church) is moving on, and we feel that this would be a proper re-use for this structure.

180

181 **Questions to the Petitioner by the Board**

182

183 *Questions as to where the organization is currently located. This was answered by alumni.*

184

185 **Public Comment**

186

187 1. **Ms. Jane Cooper** of the Housing Corporation of Delta, Delta, Delta sorority, which is  
 188 located next door to this building. She stated that although the girls don't object to the  
 189 possibility of having a fraternity next door, I have over fifty years of work experience and  
 190 knowledge of the interaction of sororities and fraternities. She stated that they are not  
 191 opposed to this, but they do have questions related to this. Her goal is to establish  
 192 connections with them and get some assurances in response to their questions.

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196 **Discussion by the Board**

198 *It was brought up that many of the questions that the public and the Board may have will most*  
 199 *likely be answered within the Planning Commission discussion as there are certain rules that*  
 200 *they must adhere to in order to achieve the "Special Exception" use.*

202 **MOTION**

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Moved by J. Boggs, Seconded by E. Briggs, "In the case of ZBA11-002, 730 Tappan, the Zoning Board of Appeals grants Permission To Alter A Non-Conforming Structure, based on the established standards for approval and the following findings of fact:

- a) The alteration complies as nearly as practicable with the requirements of the Zoning Chapter;
- b) The alteration will not have a detrimental effect on neighboring property; And,
- c) This also is contingent on being approved by the Planning Commission."

On a Voice Vote – MOTION TO APPROVE – PASSED – UNANIMOUS  
 Permission To Alter A Non-Conforming Structure – Granted

D. OLD BUSINESS – None.

E. NEW BUSINESS – None.

F. REPORTS & COMMUNICATIONS – None.

AUDIENCE PARTICIPATION – GENERAL – None.

**ADJOURNMENT**

Moved by A. Milshteyn, Seconded by J. Boggs, "That the meeting be adjourned."

On a Voice Vote – MOTION TO ADJOURN - PASSED - UNANIMOUS

Adjournment – 7:02 p.m. (Submitted by: Brenda Acquaviva, Administrative Specialist V  
 – Zoning Board of Appeals)

Candice Briere

Candice Briere, Acting Chairperson

05-25-11

Dated

ZBA Minutes

\*Note: The complete record of this meeting is available in video format at <http://a2govtv.peqcentral.com/index.php> or is available for a nominal fee by contacting CTN at (734) 794-6150.



**CITY OF ANN ARBOR**  
 Planning & Development Services  
 Mailing Address: 301 E. Huron Street, PO Box 8647  
 Ann Arbor, MI 48107-8647  
 Phone - (734) 794-6264 Fax - (734) 994-8460  
[rentalhousing@a2gov.org](mailto:rentalhousing@a2gov.org)

For Inspections Results  
 go to:  
[www.a2gov.org/permits](http://www.a2gov.org/permits)  
 Select "Permits"

**HOUSING INSPECTION CODE VIOLATION NOTICE**

Address 730 TAPPAN ST Apt # \_\_\_\_\_ Initial Inspection Date 8.23.16  
 Reinspection Date/Time \_\_\_\_\_

**YOU HAVE THE RIGHT TO APPEAL VIOLATIONS OR DEADLINES TO THE BOARD OF APPEALS**

The following code violations have been cited during this inspection.

NAV = NO APPARENT VIOLATIONS

Cellar	RMSize	OCC	EXISTING LIGHT AN VENT	8%/4%
1	135	2	✓	✓
2	135	2	✓	✓
3	178	2	✓	✓
4	352	0	20/10	28/14
5	198	3	✓	✓
6	198	3	✓	✓
7	420	0	1339/6.695	33.6/16.8
8	287	5	✓	✓
9	280	0	15/7.5	22.5/11.25
10	312	0	16/8	25/12.5
101	240	4	✓	✓
102	139	2	✓	✓
103	180	3	✓	✓
104	126	1	✓	✓
105	182	3	✓	✓
106	150	2	✓	✓
107	192	3	✓	✓
108	0	0	0	0
109	132	0	8/4	11/5.5
112	0	0	0	0
201	506	0	32/15	40.48/20.24
13RM		35 OCC		

Omission of reference to any item during this inspection shall not nullify any requirement of the housing code nor exempt the owner/agent from meeting such requirements.

Your signature confirms that you have read and understand all violations and notes cited on this document. If you cannot read the handwriting or do not understand why a violation was cited, please discuss this with the inspector before signing this form.

Inspector Signature/Date [Signature] Authorized Agent Signature/Date \_\_\_\_\_

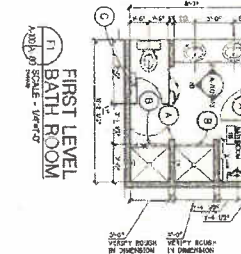
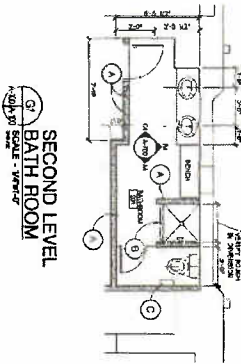




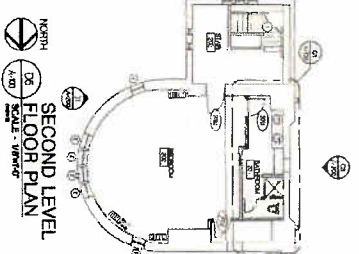
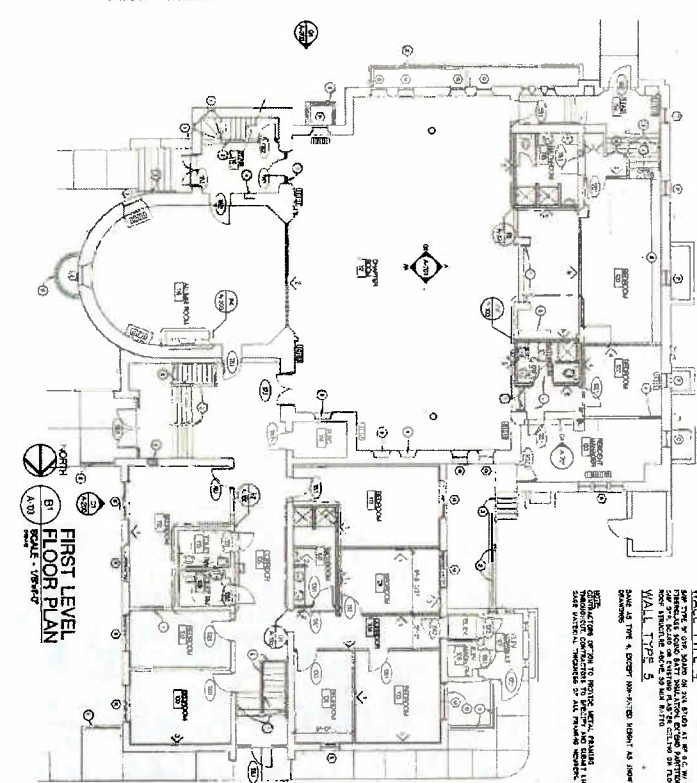
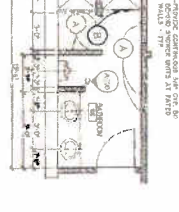
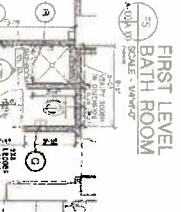
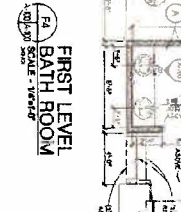
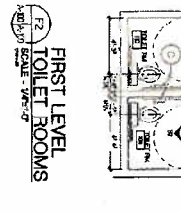








- LEGEND**
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- KEY NOTES**
1. SEE WALL NOTES FOR WALL TYPE 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.
  2. SEE WALL NOTES FOR WALL TYPE 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.
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  9. SEE WALL NOTES FOR WALL TYPE 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.
  10. SEE WALL NOTES FOR WALL TYPE 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100.

**PROJECT NUMBER**  
1-803

**DATE**  
11-17-2019

**PROJECT NAME**  
SIGMA PHI EPSILON  
MICHIGAN ALPHA HOUSE

**SHEET NUMBER**  
A-100

**CONSULTANT**  
ARCHITECT

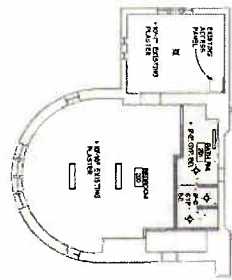
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11-17-2019

**PROJECT NAME**  
SIGMA PHI EPSILON  
MICHIGAN ALPHA HOUSE

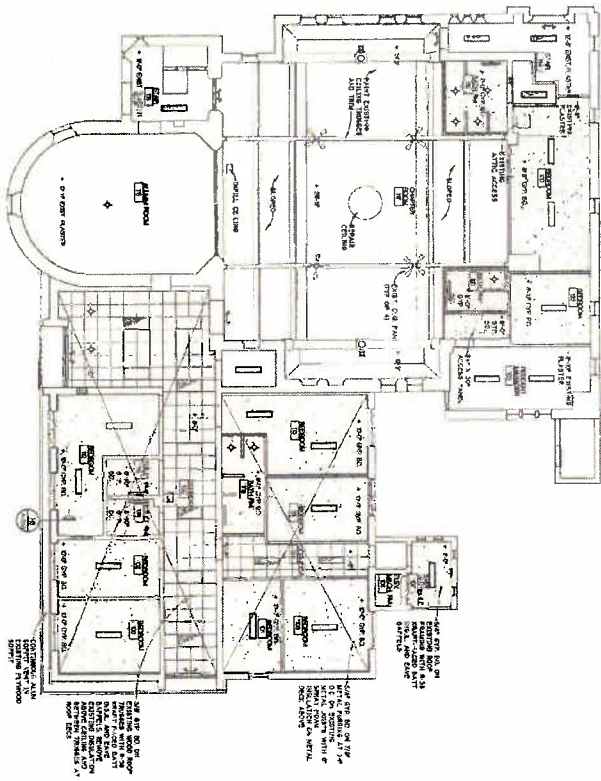


**SIGMA PHI EPSILON**  
MICHIGAN ALPHA HOUSE  
730 TAPPAN STREET  
ANN ARBOR, MI

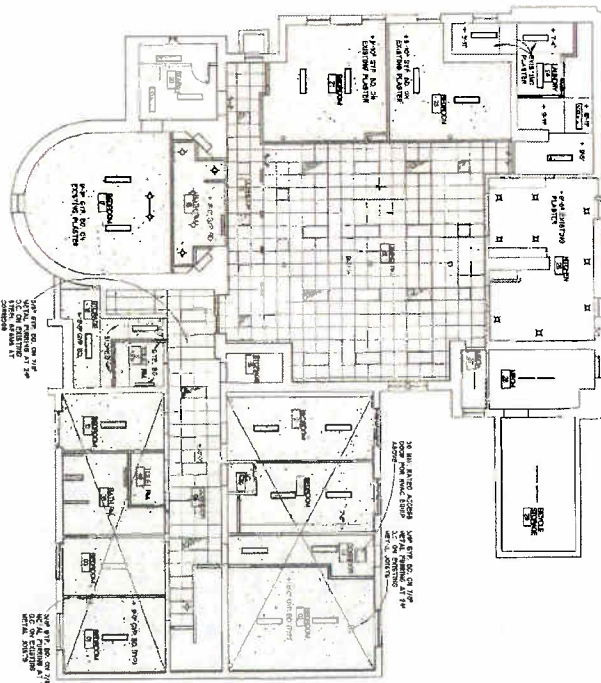
DESIGNED BY	DATE
DRAWN BY	DATE
CHECKED BY	DATE
APPROVED BY	DATE
DATE	11-17-2019



**SECOND LEVEL REFLECTED CEILING PLAN**  
 SCALE: 1/8" = 1'-0"



**FIRST LEVEL REFLECTED CEILING PLAN**  
 SCALE: 1/8" = 1'-0"



**LOWER LEVEL REFLECTED CEILING PLAN**  
 SCALE: 1/8" = 1'-0"

SHEET NO. 1003

DATE ISSUED	1/22/03
DRAWN BY	...
CHECKED BY	...
PROJECT	SIGMA PHI EPSILON MICHIGAN ALPHA HOUSE
ADDRESS	730 TAPPAN STREET ANN ARBOR, MI
ARCHITECT	ROSS BLACK ARCHITECTS
PROJECT NO.	...
DATE	...
SCALE	...
SHEET NO.	...
TITLE	REFLECTED CEILING PLANS
PROJECT NUMBER	11-803
SHEET NUMBER	A-120



ROSS BLACK ARCHITECTS  
 1100 WEST WASHINGTON STREET  
 ANN ARBOR, MI 48106  
 TEL: 734.763.1177  
 FAX: 734.763.1178  
 WWW: WWW.RBAA.COM

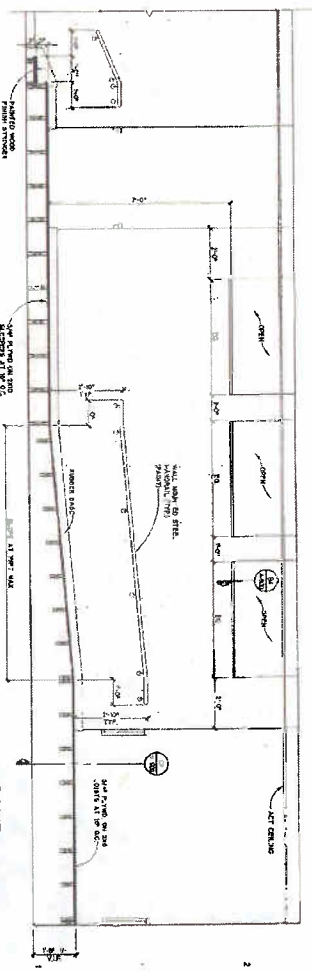
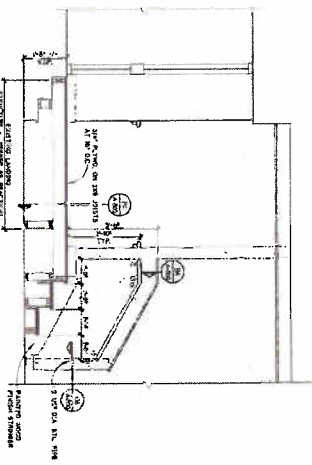
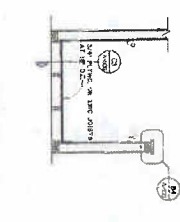
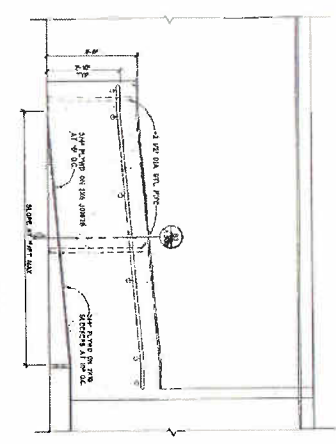
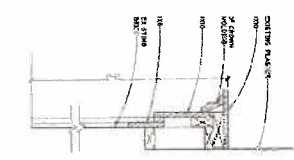
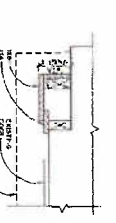
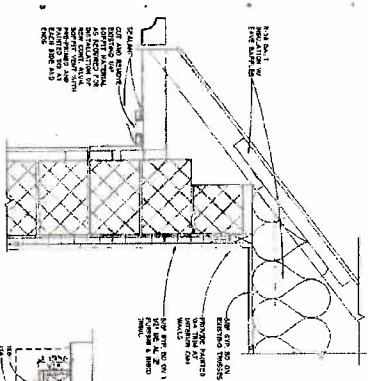
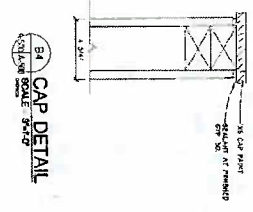
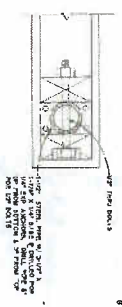
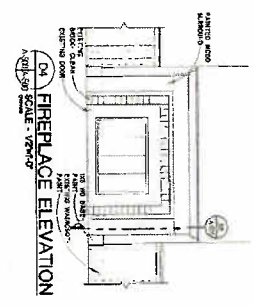
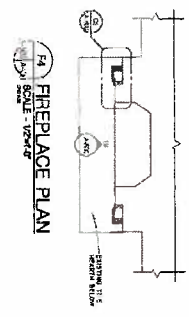
CONSULTANT  
 ...

REFLECTED CEILING PLANS  
 SHEET TITLE

PROJECT NUMBER  
 11-803  
 SHEET NUMBER  
 A-120

Plot Date: 1/22/03 11:12:23 AM  
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 Plot Scale: 1/8" = 1'-0"





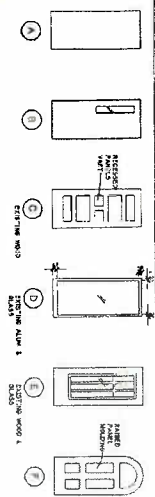
<p>PROJECT NUMBER  <b>11-903</b></p>	<p>ENLARGED DETAILS                  SHEET TITLE  <b>A-500</b></p>	<p>CONSULTANT</p>	<p>DESIGNED BY                  CHECKED BY</p>	<p>DATE ENDED                  DRAWN BY                  CHECKED BY</p>	<p>PROJECTED BY</p>	<p>BLACK ARCHITECTS                  730 TAPPAN STREET                  ANN ARBOR, MI 48106                  TEL: 734.763.4411                  FAX: 734.763.4412                  WWW.BLACKARCHITECTS.COM</p>	<p>SIGMA PHI EPSILON                  MICHIGAN ALPHA HOUSE                  730 TAPPAN STREET                  ANN ARBOR, MI</p>
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### DOOR SCHEDULE

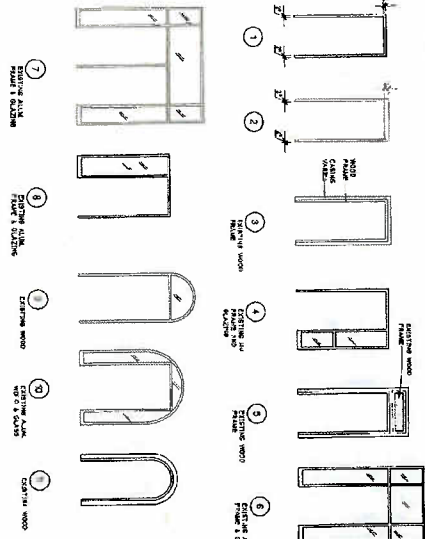
NO.	DOOR SIZE	DOOR	FRAME		FINISH		LABEL	REMARKS
			TYPE	FINISH	TYPE	FINISH		
001	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
002	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
003	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
004	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
005	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
006	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
007	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
008	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
009	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
010	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
011	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
012	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
013	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
014	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
015	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
016	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
017	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
018	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
019	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
020	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
021	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
022	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
023	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
024	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
025	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
026	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
027	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
028	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
029	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
030	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
031	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
032	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
033	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
034	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
035	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
036	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
037	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
038	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
039	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
040	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
041	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
042	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
043	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
044	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
045	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
046	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
047	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
048	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
049	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
050	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
051	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
052	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
053	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
054	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
055	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
056	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
057	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
058	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
059	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
060	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
061	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
062	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
063	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
064	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
065	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
066	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
067	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
068	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
069	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
070	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
071	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
072	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
073	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
074	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
075	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
076	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
077	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
078	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
079	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
080	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
081	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
082	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
083	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
084	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
085	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
086	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
087	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
088	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
089	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
090	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
091	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
092	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
093	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
094	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
095	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
096	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
097	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
098	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
099	3'-0" x 7'-0"	WOOD	1	1	1	1	1	
100	3'-0" x 7'-0"	WOOD	1	1	1	1	1	

REMARKS:  
 1. FRAME SHALL BE 1 1/2" x 3 1/2" x 1 1/2" ALUMINUM  
 2. GLASS SHALL BE 1/2" CLEAR GLASS  
 3. GLASS SHALL BE 1/2" CLEAR GLASS  
 4. GLASS SHALL BE 1/2" CLEAR GLASS  
 5. GLASS SHALL BE 1/2" CLEAR GLASS  
 6. GLASS SHALL BE 1/2" CLEAR GLASS  
 7. GLASS SHALL BE 1/2" CLEAR GLASS  
 8. GLASS SHALL BE 1/2" CLEAR GLASS  
 9. GLASS SHALL BE 1/2" CLEAR GLASS  
 10. GLASS SHALL BE 1/2" CLEAR GLASS

### DOOR TYPES



### FRAME TYPES




**SIGMA PHI EPSILON**  
 MICHIGAN ALPHA HOUSE  
 700 TAPPAN STREET  
 ANN ARBOR, MI

DRAWN BY: [Name]  
 CHECKED BY: [Name]

SHEET TITLE: **DOOR SCHEDULE**  
 SHEET NUMBER: **A-600**  
 PROJECT NUMBER: **11-803**

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

ROOM NO.	ROOM NAME	MATERIAL SCHEDULE										DETAILS	FINISHES		
		1	2	3	4	5	6	7	8	9	10				
1	RECEPTION	...	...	...	...	...	...	...	...	...	...	...	...	...	...
2	OFFICE	...	...	...	...	...	...	...	...	...	...	...	...	...	...
3	CONFERENCE	...	...	...	...	...	...	...	...	...	...	...	...	...	...
4	CLASSROOM	...	...	...	...	...	...	...	...	...	...	...	...	...	...
5	LABORATORY	...	...	...	...	...	...	...	...	...	...	...	...	...	...
6	STORAGE	...	...	...	...	...	...	...	...	...	...	...	...	...	...
7	RESTROOM	...	...	...	...	...	...	...	...	...	...	...	...	...	...
8	MEETING	...	...	...	...	...	...	...	...	...	...	...	...	...	...
9	RECEPTION	...	...	...	...	...	...	...	...	...	...	...	...	...	...
10	OFFICE	...	...	...	...	...	...	...	...	...	...	...	...	...	...
11	CONFERENCE	...	...	...	...	...	...	...	...	...	...	...	...	...	...
12	CLASSROOM	...	...	...	...	...	...	...	...	...	...	...	...	...	...
13	LABORATORY	...	...	...	...	...	...	...	...	...	...	...	...	...	...
14	STORAGE	...	...	...	...	...	...	...	...	...	...	...	...	...	...
15	RESTROOM	...	...	...	...	...	...	...	...	...	...	...	...	...	...
16	MEETING	...	...	...	...	...	...	...	...	...	...	...	...	...	...
17	RECEPTION	...	...	...	...	...	...	...	...	...	...	...	...	...	...
18	OFFICE	...	...	...	...	...	...	...	...	...	...	...	...	...	...
19	CONFERENCE	...	...	...	...	...	...	...	...	...	...	...	...	...	...
20	CLASSROOM	...	...	...	...	...	...	...	...	...	...	...	...	...	...
21	LABORATORY	...	...	...	...	...	...	...	...	...	...	...	...	...	...
22	STORAGE	...	...	...	...	...	...	...	...	...	...	...	...	...	...
23	RESTROOM	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	MEETING	...	...	...	...	...	...	...	...	...	...	...	...	...	...
25	RECEPTION	...	...	...	...	...	...	...	...	...	...	...	...	...	...
26	OFFICE	...	...	...	...	...	...	...	...	...	...	...	...	...	...
27	CONFERENCE	...	...	...	...	...	...	...	...	...	...	...	...	...	...
28	CLASSROOM	...	...	...	...	...	...	...	...	...	...	...	...	...	...
29	LABORATORY	...	...	...	...	...	...	...	...	...	...	...	...	...	...
30	STORAGE	...	...	...	...	...	...	...	...	...	...	...	...	...	...
31	RESTROOM	...	...	...	...	...	...	...	...	...	...	...	...	...	...
32	MEETING	...	...	...	...	...	...	...	...	...	...	...	...	...	...
33	RECEPTION	...	...	...	...	...	...	...	...	...	...	...	...	...	...
34	OFFICE	...	...	...	...	...	...	...	...	...	...	...	...	...	...
35	CONFERENCE	...	...	...	...	...	...	...	...	...	...	...	...	...	...
36	CLASSROOM	...	...	...	...	...	...	...	...	...	...	...	...	...	...
37	LABORATORY	...	...	...	...	...	...	...	...	...	...	...	...	...	...
38	STORAGE	...	...	...	...	...	...	...	...	...	...	...	...	...	...
39	RESTROOM	...	...	...	...	...	...	...	...	...	...	...	...	...	...
40	MEETING	...	...	...	...	...	...	...	...	...	...	...	...	...	...
41	RECEPTION	...	...	...	...	...	...	...	...	...	...	...	...	...	...
42	OFFICE	...	...	...	...	...	...	...	...	...	...	...	...	...	...
43	CONFERENCE	...	...	...	...	...	...	...	...	...	...	...	...	...	...
44	CLASSROOM	...	...	...	...	...	...	...	...	...	...	...	...	...	...
45	LABORATORY	...	...	...	...	...	...	...	...	...	...	...	...	...	...
46	STORAGE	...	...	...	...	...	...	...	...	...	...	...	...	...	...
47	RESTROOM	...	...	...	...	...	...	...	...	...	...	...	...	...	...
48	MEETING	...	...	...	...	...	...	...	...	...	...	...	...	...	...
49	RECEPTION	...	...	...	...	...	...	...	...	...	...	...	...	...	...
50	OFFICE	...	...	...	...	...	...	...	...	...	...	...	...	...	...
51	CONFERENCE	...	...	...	...	...	...	...	...	...	...	...	...	...	...
52	CLASSROOM	...	...	...	...	...	...	...	...	...	...	...	...	...	...
53	LABORATORY	...	...	...	...	...	...	...	...	...	...	...	...	...	...
54	STORAGE	...	...	...	...	...	...	...	...	...	...	...	...	...	...
55	RESTROOM	...	...	...	...	...	...	...	...	...	...	...	...	...	...
56	MEETING	...	...	...	...	...	...	...	...	...	...	...	...	...	...
57	RECEPTION	...	...	...	...	...	...	...	...	...	...	...	...	...	...
58	OFFICE	...	...	...	...	...	...	...	...	...	...	...	...	...	...
59	CONFERENCE	...	...	...	...	...	...	...	...	...	...	...	...	...	...
60	CLASSROOM	...	...	...	...	...	...	...	...	...	...	...	...	...	...
61	LABORATORY	...	...	...	...	...	...	...	...	...	...	...	...	...	...
62	STORAGE	...	...	...	...	...	...	...	...	...	...	...	...	...	...
63	RESTROOM	...	...	...	...	...	...	...	...	...	...	...	...	...	...
64	MEETING	...	...	...	...	...	...	...	...	...	...	...	...	...	...
65	RECEPTION	...	...	...	...	...	...	...	...	...	...	...	...	...	...
66	OFFICE	...	...	...	...	...	...	...	...	...	...	...	...	...	...
67	CONFERENCE	...	...	...	...	...	...	...	...	...	...	...	...	...	...
68	CLASSROOM	...	...	...	...	...	...	...	...	...	...	...	...	...	...
69	LABORATORY	...	...	...	...	...	...	...	...	...	...	...	...	...	...
70	STORAGE	...	...	...	...	...	...	...	...	...	...	...	...	...	...
71	RESTROOM	...	...	...	...	...	...	...	...	...	...	...	...	...	...
72	MEETING	...	...	...	...	...	...	...	...	...	...	...	...	...	...
73	RECEPTION	...	...	...	...	...	...	...	...	...	...	...	...	...	...
74	OFFICE	...	...	...	...	...	...	...	...	...	...	...	...	...	...
75	CONFERENCE	...	...	...	...	...	...	...	...	...	...	...	...	...	...
76	CLASSROOM	...	...	...	...	...	...	...	...	...	...	...	...	...	...
77	LABORATORY	...	...	...	...	...	...	...	...	...	...	...	...	...	...
78	STORAGE	...	...	...	...	...	...	...	...	...	...	...	...	...	...
79	RESTROOM	...	...	...	...	...	...	...	...	...	...	...	...	...	...
80	MEETING	...	...	...	...	...	...	...	...	...	...	...	...	...	...
81	RECEPTION	...	...	...	...	...	...	...	...	...	...	...	...	...	...
82	OFFICE	...	...	...	...	...	...	...	...	...	...	...	...	...	...
83	CONFERENCE	...	...	...	...	...	...	...	...	...	...	...	...	...	...
84	CLASSROOM	...	...	...	...	...	...	...	...	...	...	...	...	...	...
85	LABORATORY	...	...	...	...	...	...	...	...	...	...	...	...	...	...
86	STORAGE	...	...	...	...	...	...	...	...	...	...	...	...	...	...
87	RESTROOM	...	...	...	...	...	...	...	...	...	...	...	...	...	...
88	MEETING	...	...	...	...	...	...	...	...	...	...	...	...	...	...
89	RECEPTION	...	...	...	...	...	...	...	...	...	...	...	...	...	...
90	OFFICE	...	...	...	...	...	...	...	...	...	...	...	...	...	...
91	CONFERENCE	...	...	...	...	...	...	...	...	...	...	...	...	...	...
92	CLASSROOM	...	...	...	...	...	...	...	...	...	...	...	...	...	...
93	LABORATORY	...	...	...	...	...	...	...	...	...	...	...	...	...	...
94	STORAGE	...	...	...	...	...	...	...	...	...	...	...	...	...	...
95	RESTROOM	...	...	...	...	...	...	...	...	...	...	...	...	...	...
96	MEETING	...	...	...	...	...	...	...	...	...	...	...	...	...	...
97	RECEPTION	...	...	...	...	...	...	...	...	...	...	...	...	...	...
98	OFFICE	...	...	...	...	...	...	...	...	...	...	...	...	...	...
99	CONFERENCE	...	...	...	...	...	...	...	...	...	...	...	...	...	...
100	CLASSROOM	...	...	...	...	...	...	...	...	...	...	...	...	...	...

- 1. FINISHES: SEE FINISH SCHEDULE FOR FINISHES TO BE USED IN ALL AREAS.
- 2. MATERIALS: SEE MATERIAL SCHEDULE FOR MATERIALS TO BE USED IN ALL AREAS.
- 3. WORKMANSHIP: ALL WORK TO BE DONE IN ACCORDANCE WITH THE MICHIGAN BUILDING CODE.
- 4. PROTECT EXISTING WORK: TAKE CARE TO PROTECT ALL EXISTING WORK AND FINISHES.
- 5. CLEANUP: MAINTAIN A CLEAN WORK AREA AT ALL TIMES.
- 6. SAFETY: WEAR YOUR SAFETY GEAR AT ALL TIMES.
- 7. COMMUNICATION: KEEP ALL WORKERS INFORMED OF ANY CHANGES.
- 8. QUALITY CONTROL: CONDUCT REGULAR INSPECTIONS.
- 9. SCHEDULE: ADHERE TO THE PROJECT SCHEDULE.
- 10. DOCUMENTATION: KEEP DETAILED RECORDS OF ALL WORK.

**ROOM FINISH SCHEDULE**

PROJECT NUMBER: 1-803

SHEET NUMBER: A-602

**CONSULTANT**

DATE: 10/15/2023

PROJECT: SIGMA PHI EPSILON MICHIGAN ALPHA HOUSE

**SIGMA PHI EPSILON MICHIGAN ALPHA HOUSE**

700 TAPPAN STREET  
ANN ARBOR, MI

PROJECT

**ARCHITECT**

DATE: 10/15/2023

PROJECT: SIGMA PHI EPSILON MICHIGAN ALPHA HOUSE

**OWNER**

DATE: 10/15/2023

PROJECT: SIGMA PHI EPSILON MICHIGAN ALPHA HOUSE

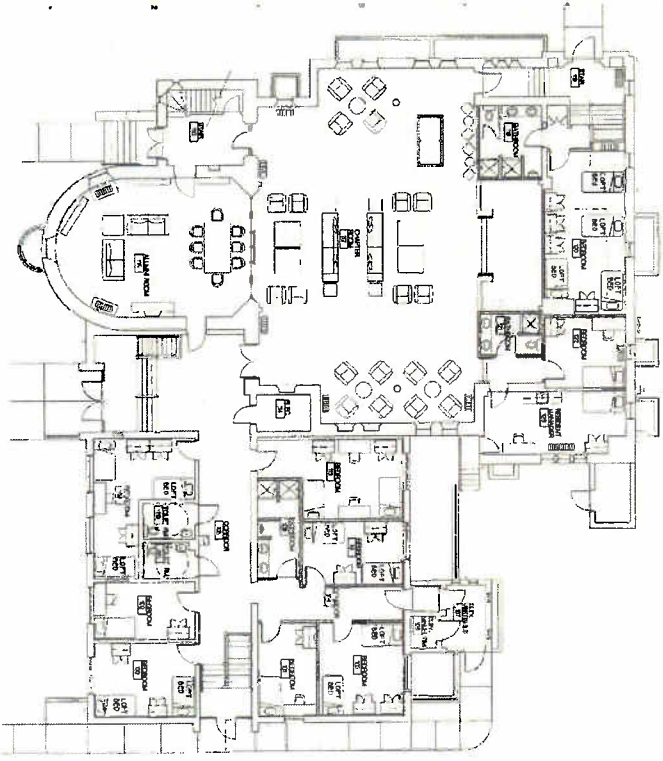




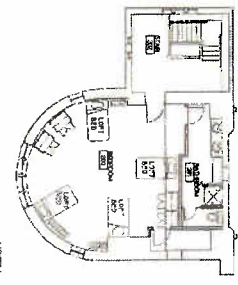




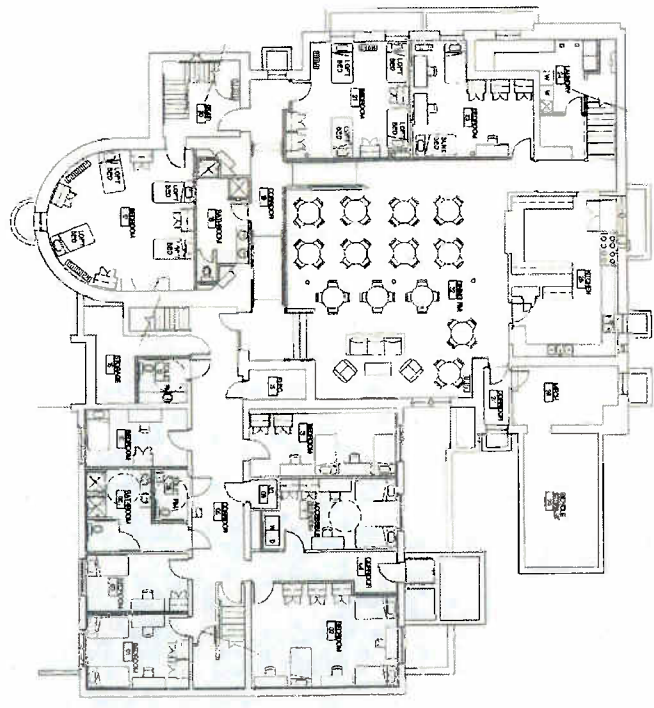




NORTH  
 1/8" = 1'-0"  
 SCALE: 1/8" = 1'-0"  
**FIRST LEVEL**  
**FURNITURE PLAN**  
 18 BEDS • 1 RESIDENT  
 MANAGER BED



NORTH  
 1/8" = 1'-0"  
 SCALE: 1/8" = 1'-0"  
**SECOND LEVEL**  
**FURNITURE PLAN**  
 4 BEDS



NORTH  
 1/8" = 1'-0"  
 SCALE: 1/8" = 1'-0"  
**LOWER LEVEL**  
**FURNITURE PLAN**  
 22 BEDS

**SLEEPING UNIT BREAKDOWN**

ROOM TYPE	QTY	AREA
MANAGER	1	100
RESIDENT	1	100
STANDARD	18	1800
TOTAL	21	2000

NOT INCLUDING RESIDENT MANAGER  
 MANAGER FURNITURE PLAN FOR REFERENCE ONLY

1-803  
 PROJECT NUMBER

A-910  
 SHEET NUMBER

**BLACK ARCHITECTS**

1001 TOWNHALL DRIVE  
 ANN ARBOR, MI 48106  
 TEL: 734.769.1111  
 FAX: 734.769.1112  
 WWW.BLACKARCHITECTS.COM

CONSULTANT

**SIGMA PHI EPSILON**  
**MICHIGAN ALPHA HOUSE**  
 730 TAPPAN STREET  
 ANN ARBOR, MI

PROJECT

DATE: 11/17/11

DESIGNED BY: [Name]

DRAWN BY: [Name]

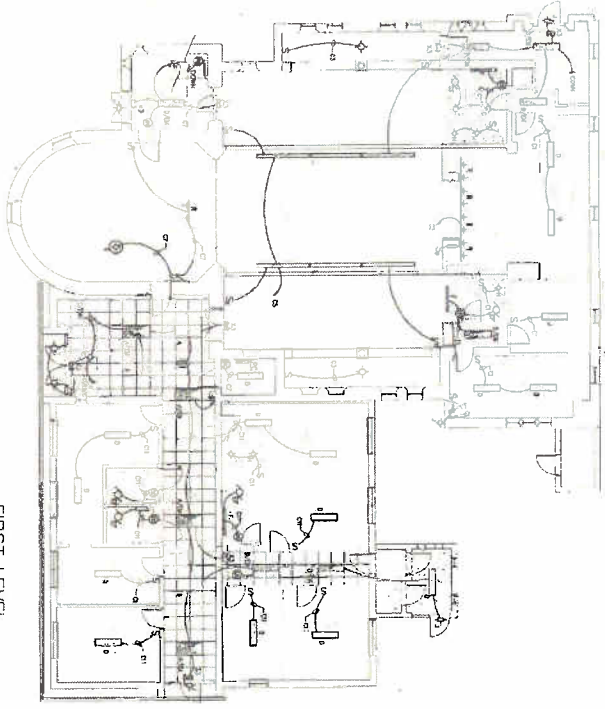
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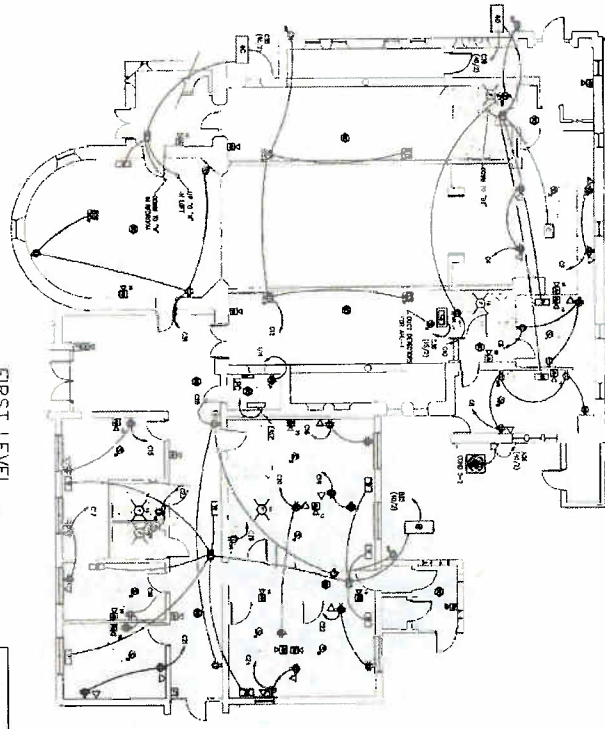


PROJECT NO.	DATE
REVISED	BY
DATE	BY
DATE	BY
DATE	BY
DATE	BY

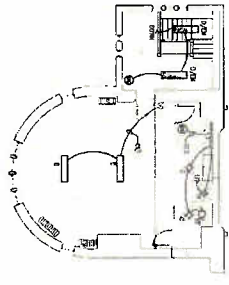
2 FIRST LEVEL LIGHTING PLAN  
SCALE 1/8"=1'-0"



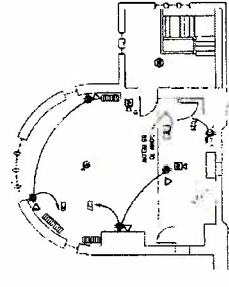
1 FIRST LEVEL ELECTRICAL PLAN  
SCALE 1/8"=1'-0"



4 SECOND LEVEL LIGHTING PLAN  
SCALE 1/8"=1'-0"



3 SECOND LEVEL ELECTRICAL PLAN  
SCALE 1/8"=1'-0"



SHEET TITLE  
**FIRST FLOOR ELECTRICAL PLANS**

PROJECT  
**SICMA PHI FPSILON  
MICHIGAN ALPHA HOUSE**  
730 TAPPAN STREET  
ANN ARBOR, MICHIGAN

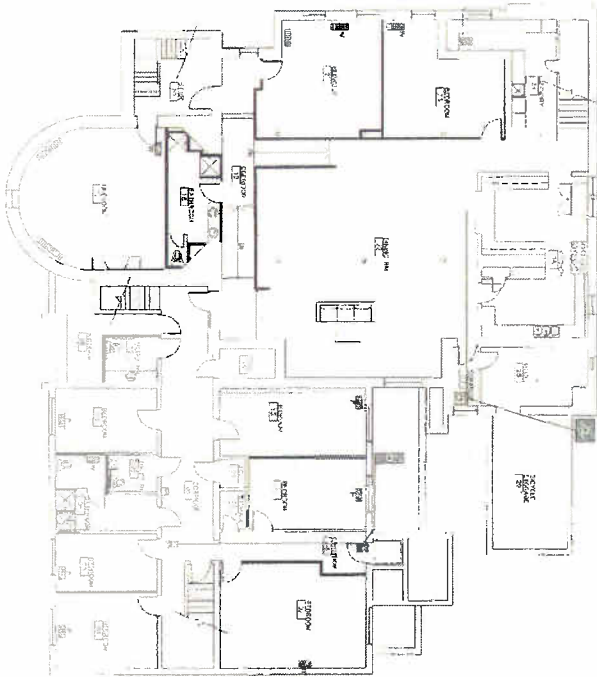
**K&F ELECTRIC**  
1641 W. DISTRICT - P.O. BOX 218  
SALINE, MI 48178 (313) 236-1229

**NEIL ADAMS, INC.**  
CONSULTING ENGINEERS - LIGHTING DESIGNERS  
3433 TRINITY ROAD - DEWATER, MI 48120-9222 - (313) 236-3021

E-100







LOWER LEVEL EQUIPMENT LOCATION  
 Scale = 1/8" = 1'-0"

CONNECTICUT WOODS UNIT SCHEDULE		ANTICUM SCHEDULE	
UNIT	ROOM	UNIT	ROOM
1	RECEPTION	1	RECEPTION
2	OFFICE	2	OFFICE
3	KITCHEN	3	KITCHEN
4	BATH	4	BATH
5	STAIRS	5	STAIRS
6	STAIRS	6	STAIRS
7	STAIRS	7	STAIRS
8	STAIRS	8	STAIRS
9	STAIRS	9	STAIRS
10	STAIRS	10	STAIRS
11	STAIRS	11	STAIRS
12	STAIRS	12	STAIRS
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14	STAIRS	14	STAIRS
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91	STAIRS	91	STAIRS
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93	STAIRS	93	STAIRS
94	STAIRS	94	STAIRS
95	STAIRS	95	STAIRS
96	STAIRS	96	STAIRS
97	STAIRS	97	STAIRS
98	STAIRS	98	STAIRS
99	STAIRS	99	STAIRS
100	STAIRS	100	STAIRS

MICHIGAN ALPHA HOUSE  
 LOWER LEVEL EQUIPMENT LOCATION  
 M-490

91233  
 91233  
 91233

MICHIGAN ALPHA HOUSE

**ROBERTSON MORRISON INC.**  
 4721 RUNWAY BLVD.  
 ANN ARBOR, MI 48106  
 FAX: 734-662-6084  
 PHONE: 734-662-3141  
 AND COOLING

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 ROBERTSON MORRISON INC.

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ROBERTSON-MORRISON, INC.

**ROBERTSON MORRISON INC.**  
4721 RUNWAY BLVD  
ANN ARBOR, MI 48108  
PH: 734.662.8284  
FAX: 734.662.8141  
AND COOLING

MICHIGAN ALPHA HOUSE

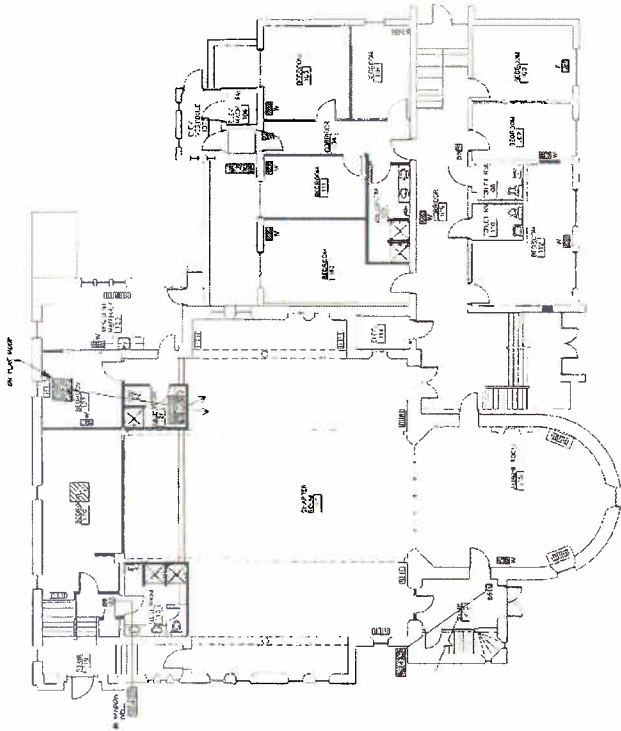
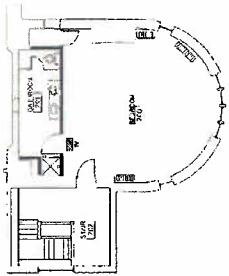
DATE: 08/21/12  
SHEET: 12345  
SCALE: AS SHOWN  
DRAWN BY: D.C.B.

MAIN LEVEL EQUIPMENT LOCATION M-100

MICHIGAN ALPHA HOUSE

CONVERTIBLE JACOBA UNIT SCHEDULE	
UNIT	UNIT
1	2
3	4
5	6
7	8
9	10
11	12
13	14
15	16
17	18
19	20
21	22
23	24
25	26
27	28
29	30
31	32
33	34
35	36
37	38
39	40
41	42
43	44
45	46
47	48
49	50
51	52
53	54
55	56
57	58
59	60
61	62
63	64
65	66
67	68
69	70
71	72
73	74
75	76
77	78
79	80
81	82
83	84
85	86
87	88
89	90
91	92
93	94
95	96
97	98
99	100

SECOND LEVEL EQUIPMENT LOCATION  
Scale: 1/8" = 1'-0"



MAIN LEVEL EQUIPMENT LOCATION  
Scale: 1/8" = 1'-0"

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**ROBERTSON MORRISON INC.**  
ANN ARBOR, MI 48106  
PH: 734.668.4100  
FAX: 734.668.4141  
AND COOLING

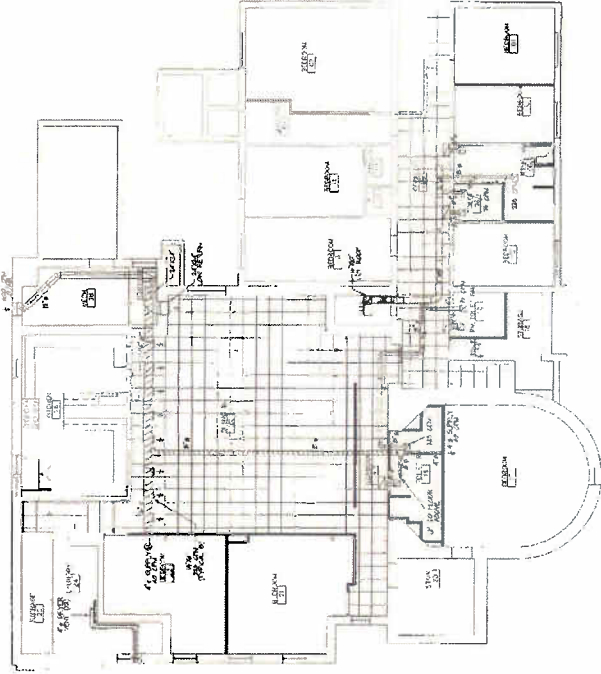
MICHIGAN ALPHA HOUSE

DATE: 01/23/12  
BY: BRYAN  
PROJECT: M-120

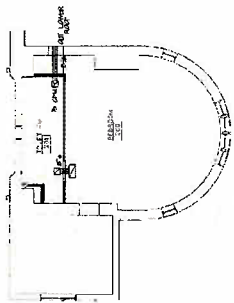
DUCT LAYOUT  
M-120

REVISION ALPHA HOUSE

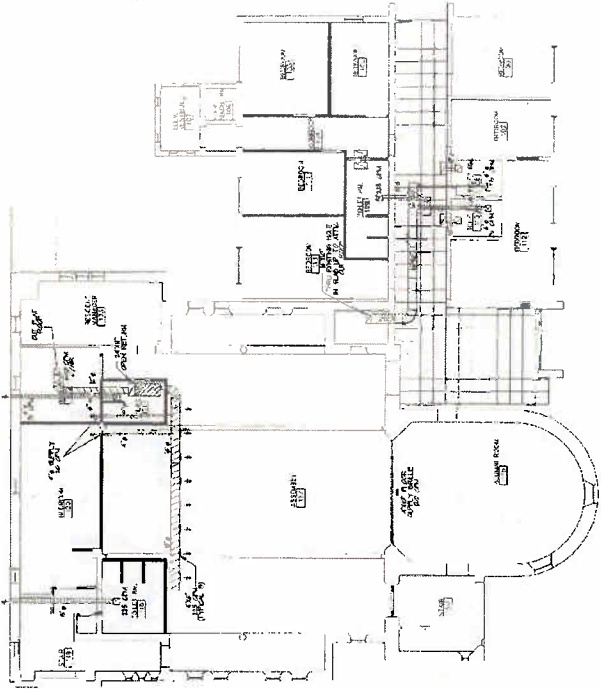
CONNECTABLE INDOOR UNIT SCHEDULE	
UNIT	MODEL
1	12000 BTU
2	15000 BTU
3	18000 BTU
4	24000 BTU
5	30000 BTU
6	36000 BTU
7	42000 BTU
8	48000 BTU
9	54000 BTU
10	60000 BTU
11	66000 BTU
12	72000 BTU
13	78000 BTU
14	84000 BTU
15	90000 BTU
16	96000 BTU
17	102000 BTU
18	108000 BTU
19	114000 BTU
20	120000 BTU



LOWER LEVEL REFLECTED CEILING PLAN  
DATE: 01/23/12 BY: BRYAN

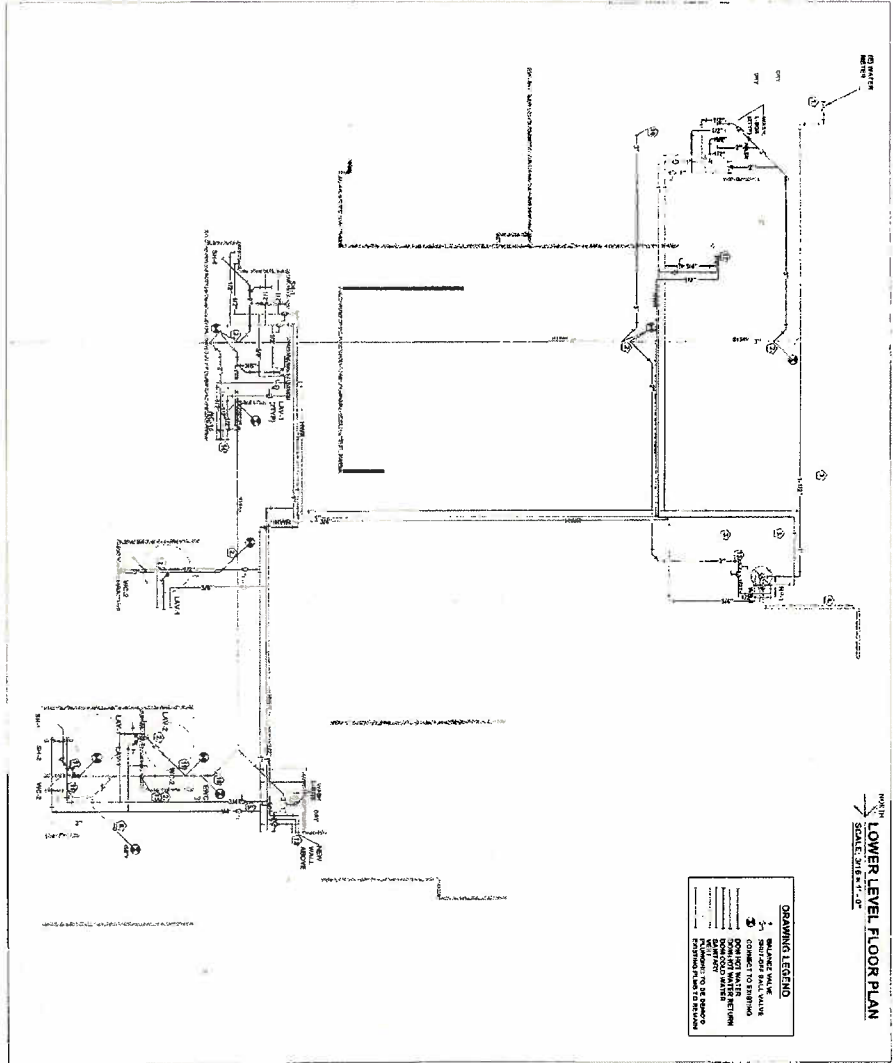


SECOND LEVEL REFLECTED CEILING PLAN  
DATE: 01/23/12 BY: BRYAN



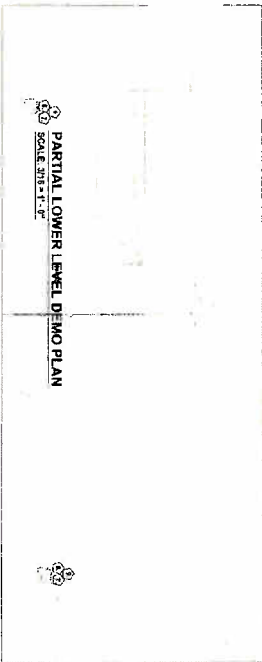
FIRST LEVEL REFLECTED CEILING PLAN  
DATE: 01/23/12 BY: BRYAN

LOWER LEVEL FLOOR PLAN  
SCALE: 3/16" = 1'-0"

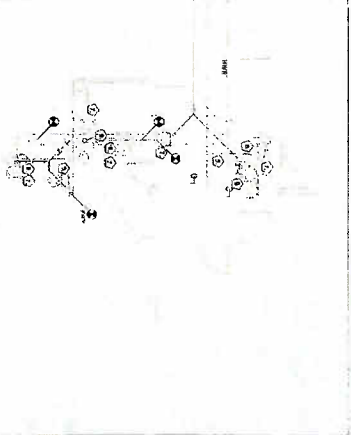


**DRAWING LEGEND**

1	3/4" DIA. SHUT-OFF VALVE
2	1/2" DIA. SHUT-OFF VALVE
3	1/4" DIA. SHUT-OFF VALVE
4	1/2" DIA. SHUT-OFF VALVE
5	1/4" DIA. SHUT-OFF VALVE
6	1/2" DIA. SHUT-OFF VALVE
7	1/4" DIA. SHUT-OFF VALVE
8	1/2" DIA. SHUT-OFF VALVE
9	1/4" DIA. SHUT-OFF VALVE
10	1/2" DIA. SHUT-OFF VALVE
11	1/4" DIA. SHUT-OFF VALVE
12	1/2" DIA. SHUT-OFF VALVE
13	1/4" DIA. SHUT-OFF VALVE
14	1/2" DIA. SHUT-OFF VALVE
15	1/4" DIA. SHUT-OFF VALVE
16	1/2" DIA. SHUT-OFF VALVE
17	1/4" DIA. SHUT-OFF VALVE
18	1/2" DIA. SHUT-OFF VALVE
19	1/4" DIA. SHUT-OFF VALVE
20	1/2" DIA. SHUT-OFF VALVE
21	1/4" DIA. SHUT-OFF VALVE
22	1/2" DIA. SHUT-OFF VALVE
23	1/4" DIA. SHUT-OFF VALVE
24	1/2" DIA. SHUT-OFF VALVE
25	1/4" DIA. SHUT-OFF VALVE
26	1/2" DIA. SHUT-OFF VALVE
27	1/4" DIA. SHUT-OFF VALVE
28	1/2" DIA. SHUT-OFF VALVE
29	1/4" DIA. SHUT-OFF VALVE
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34	1/2" DIA. SHUT-OFF VALVE
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36	1/2" DIA. SHUT-OFF VALVE
37	1/4" DIA. SHUT-OFF VALVE
38	1/2" DIA. SHUT-OFF VALVE
39	1/4" DIA. SHUT-OFF VALVE
40	1/2" DIA. SHUT-OFF VALVE
41	1/4" DIA. SHUT-OFF VALVE
42	1/2" DIA. SHUT-OFF VALVE
43	1/4" DIA. SHUT-OFF VALVE
44	1/2" DIA. SHUT-OFF VALVE
45	1/4" DIA. SHUT-OFF VALVE
46	1/2" DIA. SHUT-OFF VALVE
47	1/4" DIA. SHUT-OFF VALVE
48	1/2" DIA. SHUT-OFF VALVE
49	1/4" DIA. SHUT-OFF VALVE
50	1/2" DIA. SHUT-OFF VALVE
51	1/4" DIA. SHUT-OFF VALVE
52	1/2" DIA. SHUT-OFF VALVE
53	1/4" DIA. SHUT-OFF VALVE
54	1/2" DIA. SHUT-OFF VALVE
55	1/4" DIA. SHUT-OFF VALVE
56	1/2" DIA. SHUT-OFF VALVE
57	1/4" DIA. SHUT-OFF VALVE
58	1/2" DIA. SHUT-OFF VALVE
59	1/4" DIA. SHUT-OFF VALVE
60	1/2" DIA. SHUT-OFF VALVE
61	1/4" DIA. SHUT-OFF VALVE
62	1/2" DIA. SHUT-OFF VALVE
63	1/4" DIA. SHUT-OFF VALVE
64	1/2" DIA. SHUT-OFF VALVE
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66	1/2" DIA. SHUT-OFF VALVE
67	1/4" DIA. SHUT-OFF VALVE
68	1/2" DIA. SHUT-OFF VALVE
69	1/4" DIA. SHUT-OFF VALVE
70	1/2" DIA. SHUT-OFF VALVE
71	1/4" DIA. SHUT-OFF VALVE
72	1/2" DIA. SHUT-OFF VALVE
73	1/4" DIA. SHUT-OFF VALVE
74	1/2" DIA. SHUT-OFF VALVE
75	1/4" DIA. SHUT-OFF VALVE
76	1/2" DIA. SHUT-OFF VALVE
77	1/4" DIA. SHUT-OFF VALVE
78	1/2" DIA. SHUT-OFF VALVE
79	1/4" DIA. SHUT-OFF VALVE
80	1/2" DIA. SHUT-OFF VALVE
81	1/4" DIA. SHUT-OFF VALVE
82	1/2" DIA. SHUT-OFF VALVE
83	1/4" DIA. SHUT-OFF VALVE
84	1/2" DIA. SHUT-OFF VALVE
85	1/4" DIA. SHUT-OFF VALVE
86	1/2" DIA. SHUT-OFF VALVE
87	1/4" DIA. SHUT-OFF VALVE
88	1/2" DIA. SHUT-OFF VALVE
89	1/4" DIA. SHUT-OFF VALVE
90	1/2" DIA. SHUT-OFF VALVE
91	1/4" DIA. SHUT-OFF VALVE
92	1/2" DIA. SHUT-OFF VALVE
93	1/4" DIA. SHUT-OFF VALVE
94	1/2" DIA. SHUT-OFF VALVE
95	1/4" DIA. SHUT-OFF VALVE
96	1/2" DIA. SHUT-OFF VALVE
97	1/4" DIA. SHUT-OFF VALVE
98	1/2" DIA. SHUT-OFF VALVE
99	1/4" DIA. SHUT-OFF VALVE
100	1/2" DIA. SHUT-OFF VALVE



- GENERAL NOTES - ALL SHEETS**
1. CONNECTIONS TO ALL EXISTING SEWER LINES SHALL BE FIELD VERIFIED.
  2. FURNISH AND INSTALL ALL PLUMBING SYSTEMS IN ACCORDANCE WITH MICHIGAN PLUMBING CODE, AND LOCAL ORDINANCES.
  3. REFER TO SHEET P-100 FOR PLUMBING FIXTURE SCHEDULE, AND OTHER RELATED INFORMATION.
  4. PROVIDE SHUT-OFF VALVE TO EACH FIXTURE. PROVIDE SHUT-OFF VALVES TO BRANCHES SERVING MULTIPLE BATHROOM FIXTURES.
  5. AIR ADJUSTANCE VALVES ARE ALLOWED WHERE VENTS WHERE EXISTING CONDITIONS PERMIT THE USE OF TROPICAL VENTS AND VENTS THROUGH ROOF.
  6. REFRIG NOT SHOWN THROUGH WALL OR CURTIN.
  7. ALL HOT WATER LINES SHALL BE INSULATED WITH 1" THICK INSULATION.



- KEY NOTES THIS SHEET**
1. CONNECT TO EXISTING WATER MAIN. WATER SERVICE PLUMBING AND INSTALL REDUCED PRESSURE BACKFLOW PREVENTER. FLOOR IS EXISTING.
  2. CONNECT TO EXISTING SANITARY IN THE AREA. SAW CUT FLOORS AS REQUIRED. PATCH TO MATCH EXISTING FINISH.
  3. EXISTING DOMESTIC KITCHEN UTILITIES TO REMAIN AS IS.
  4. OBJECT VENT WATER HEATER THROUGH SIDE WALL. INSTALL PER MANUFACTURERS INSTALLATION.
  5. 1/2" CW SERVICE SHOWN AS NEW. EXISTING OVERHEAD DOMESTIC HOT AND COLD WATER IN THIS AREA. FIELD VERIFY LOCATION AND LINE SIZE. APPROXIMATE LINE SIZE SERVICE LINE SIZE TO NOT EXCEED FEET PER SECOND.
  6. EXISTING STACK IN THIS GENERAL AREA. CONNECT NEW VENT FROM NEW FIXTURES AS REQUIRED. REMOVE OLD AND EXISTING PLUMBING SERVICES IN THIS AREA.
  7. EXISTING PLUMBING FIXTURES TO BE REMOVED.
  8. CUT AND CAP OVERHEAD PLUMBING SERVICES BACK TO MAIN.
  9. CUT AND CAP SANITARY AT FLOOR. CUT AND CAP VENT PIPING TO MAINTAIN AS NEAR AS LOWER LEVEL. CAP AT MAIN.
  10. REWORK EXISTING CW AND SAN FROM OLD FIXTURE TO NEW ENC.
  11. PROMOTE NEW SAN AND CONNECT TO EXISTING SAN IN THIS AREA. SAW CUT FLOOR AS NECESSARY. PATCH TO MATCH EXISTING.
  12. 1/2" CW, 1/2" CW VENT RISERS UP THROUGH WALL ABOVE. TO SERVE UPPER LEVEL.
  13. 1/2" CW, 1/2" CW VENT RISERS UP TO NEW FIXTURES.
  14. 2" SAN, 1/2" CW, 1/2" CW VENT UP TO LOFT LEVEL FIXTURES.
  15. 2" SAN RISERS UP TO RELOCATED FIXTURES.
  16. 2" SAN UP.
  17. 3/4" CW, 1/2" CW VENT UP THROUGH WALL TO FIRST LEVEL OVERHEAD.

- SHEET INDEX**
- P-090 LOWER LEVEL FLOOR PLAN
  - P-100 FIRST LEVEL FLOOR PLAN
  - P-200 LOFT LEVEL FLOOR PLAN & DETAILS
- JOAN KUTJOWSKI MENDE  
MICHIGAN REGISTRATION #0367966
- SEAL

**LOWER LEVEL FLOOR PLAN**

SHEET TITLE

PROJECT NUMBER: P-090

DATE: 03/20/20

DESIGNED BY: C.A.T. USIBRO

DRAWN BY: C.A.T. USIBRO

CHECKED BY: C.A.T. USIBRO

PROJECT: SIGMA PHI EPSILON MICHIGAN ALPHA HOUSE 730 TAPPAN ST ANN ARBOR, MI

PROJECT: HOBBESLACK

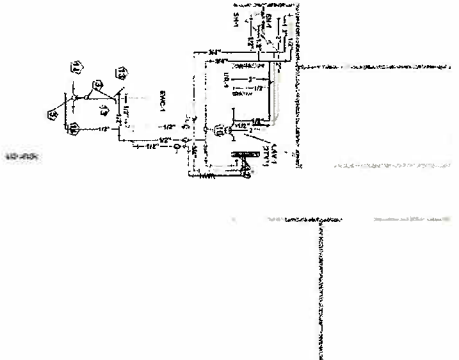
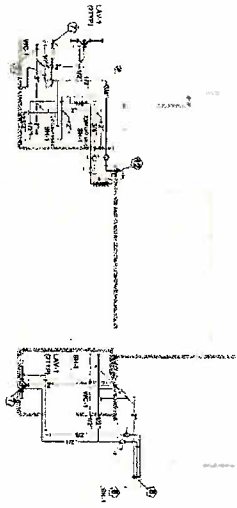
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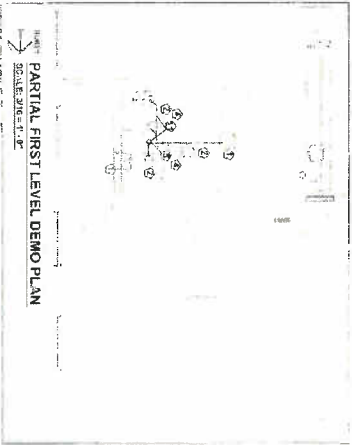
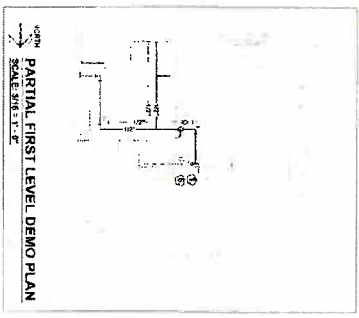
PROJECT: HOBBESLACK

DATE: 03/20/20

SCALE: 3/16" = 1'-0"



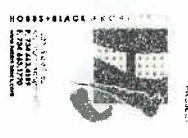
FIRST LEVEL FLOOR PLAN  
SCALE: 1/8" = 1'-0"



- KEY NOTES THIS SHEET**
- EXISTING PLUMBING FIXTURES TO BE REMOVED.
  - EXISTING PLUMBING FIXTURES TO BE RELOCATED AND REUSED.
  - CONNECT TO EXISTING SANITARY IN THIS AREA. SPOUSE FLOOR IS REQUIRED. PATCH TO MATCH EXISTING FINISH.
  - CUT AND CAP OVERHEAD PLUMBING SERVICES BACK TO EXISTING MAIN.
  - EX. 1" IN. 2" VENT OVERHEAD AND 2" VENT THRU ROOF TO REMAIN.
  - CONNECT EXISTING PLUMBING SERVICES TO NEW FUTURE.
  - 2" VENT UP, 3" VENT THRU ROOF.
  - 2" SAN 1/2" IN. CM DOWN TO MECHANICAL ROOM THRU CABINET SPACE.
  - 3" SAN DOWN TO DINING ROOM.
  - EXHIBIT 2" SAN DOWN TO REMAIN.
  - REMOVE EXISTING SANITARY FROM FIXTURES TO BE RELOCATED. RELOCATE RISER TO DROP IN NEW WALL BELOW. MAINTAIN VENT AND VENT THRU ROOF FROM RECONNECTION.
  - 4" IN. CM UP THRU RISERS FROM BELOW.
  - EXISTING WC VENT VENT MEETS ACCESSIBLE REQUIREMENTS.
  - 4" IN. IN. CM UP AND 2" SAN UP TO LOFT FIXTURES ENCLOSED PIPING.

DATE ISSUED  
DRAWN BY  
CHECKED BY  
DATE REVISION  
EHS/PRENTS, 01-15-12

SIGMA PHI EPSILON  
MICHIGAN ALPHA HOUSE  
730 TAPPAN ST  
ANN ARBOR, MI



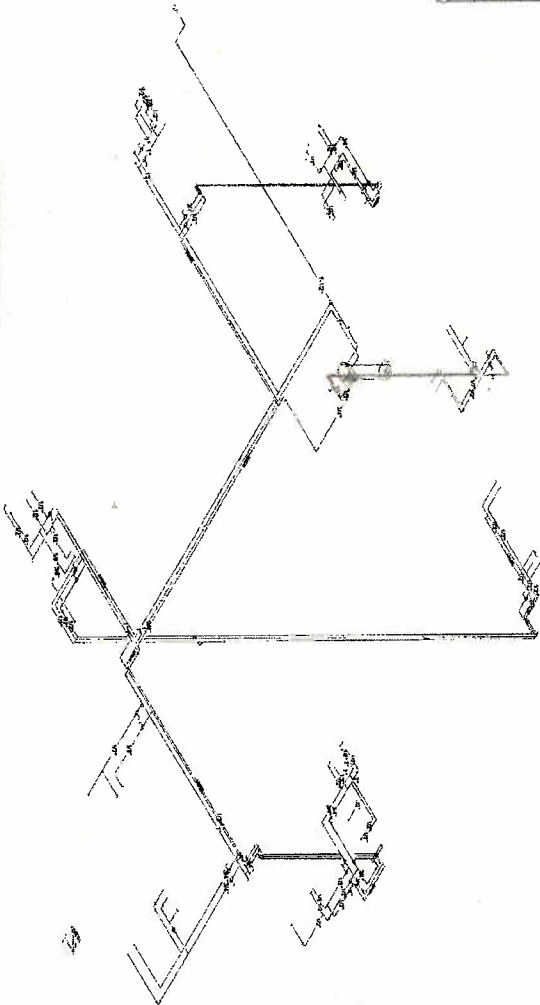
HOBASBACK ARCHITECTS  
1000 UNIVERSITY AVENUE  
ANN ARBOR, MI 48106  
734.763.1111  
www.hobasback.com

PROJECT NUMBER  
11-803

FIRST LEVEL FLOOR PLAN  
SHEET TITLE  
PROJECT NUMBER  
P-100  
SHEET NUMBER

ITEM	MANUF	MODEL	EQW	SKN	OW	HWT	REMARKS
W1-1	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-2	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-3	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-4	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-5	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-6	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-7	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-8	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-9	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-10	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-11	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-12	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-13	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-14	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-15	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-16	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-17	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-18	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-19	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-20	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-21	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-22	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-23	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-24	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-25	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-26	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-27	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-28	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-29	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-30	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-31	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-32	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-33	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-34	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-35	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-36	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-37	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-38	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-39	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-40	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-41	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-42	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-43	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-44	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-45	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-46	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-47	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-48	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-49	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR
W1-50	MARLBORO	ALTO	14.00"	7"	3/8"	NA	CONTRACTOR

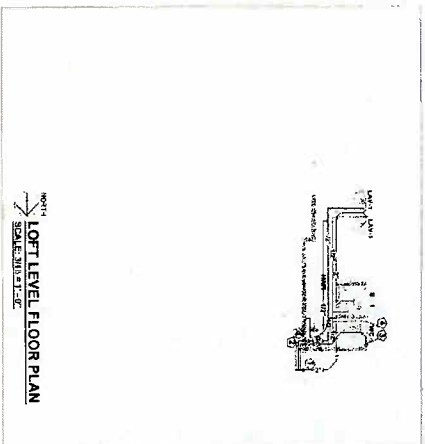
**SUPPLY RISER DIAGRAM**  
NO TO SCALE



- KEY NOTES THIS SHEET**
- 1 2" DIA. IN FLOOR SPACE DROP ROOM.
  - 2 1/2" DIA. CW FROM BELOW ROUTE THRU FLOOR SPACE THEN RISE TO OVERHEAD IN CORNER.
  - 3 2" VENT UP 3" VENT THRU ROOF.
  - 4 SUPPLY RISERS NOT SHOWN IN WALL FOR CLARITY.

**DRAWING LEGEND**

- 1 DUAL EXHAUST
- 2 DUAL EXHAUST
- 3 DUAL EXHAUST
- 4 DUAL EXHAUST
- 5 DUAL EXHAUST
- 6 DUAL EXHAUST
- 7 DUAL EXHAUST
- 8 DUAL EXHAUST
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- 44 DUAL EXHAUST
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- 46 DUAL EXHAUST
- 47 DUAL EXHAUST
- 48 DUAL EXHAUST
- 49 DUAL EXHAUST
- 50 DUAL EXHAUST



PROJECT NUMBER:  
**11-803**

SHEET NUMBER:  
**P-200**

**LOFT LEVEL FLOOR PLAN & DETAILS**  
SHEET NO. 5

CONSULTANT:  
ARCHITECT:  
ENGINEER:

**PROSSER**  
ARCHITECTS  
7777 W. GRAND AVENUE  
ANN ARBOR, MI 48106  
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PROJECT:  
**SIGMA PHI EPSILON  
MICHIGAN ALPHA HOUSE  
730 TAPPAN ST  
ANN ARBOR, MI**

DESIGNED BY:  
**BLISS/CHITTS ARCHITECTS**  
DATE: 11/15/10  
DRAWN BY:  
CHECKED BY: