



# APPLICATION FOR VARIANCE

State Form 44400 (R4 / 6-10)

Approved by State Board of Accounts, 2008

INDIANA DEPARTMENT OF HOMELAND SECURITY  
 CODE SERVICE SECTION  
 402 West Washington Street, Room W246  
 Indianapolis, IN 46204-2739  
[http://www.in.gov/dhs/fire/fp\\_bs\\_comm\\_code/](http://www.in.gov/dhs/fire/fp_bs_comm_code/)



**INSTRUCTION:** Please refer to the attached four (4) page instructions.  
 Attach additional pages as needed to complete this application.

Variance number (Assigned by department)

15-01-18(a)

**1. APPLICANT INFORMATION (Person who would be in violation if variance is not granted; usually this is the owner)**

Name of the applicant <b>Bryan Duncan, P.E.</b>	Title <b>Director of Capital Planning</b>
Name of organization <b>Indiana State University</b>	Telephone number <b>(812) 237-8195</b>
Address (number and street, city, state, and Zip code) <b>951 Sycamore Street Terre Haute, Indiana 47809</b>	

**2. PERSON SUBMITTING APPLICATION ON BEHALF OF THE APPLICANT (if not submitted by the applicant)**

Name of person on behalf of the applicant <b>Edwin L. Rensink</b>	Title <b>Principal</b>
Name of organization <b>RTM Consultants, Inc.</b>	Telephone number <b>(317) 329-7700</b>
Address (number and street, city, state, and Zip code) <b>6640 Parkdale Place, Suite J., Indianapolis, Indiana 46254</b>	

**3. DESIGN PROFESSIONAL OF RECORD (If applicable)**

Name of design professional <b>William A. Browne, Jr., FAIA</b>	License number <b>4154</b>
Name of organization <b>Ratio Architects</b>	Telephone number <b>(317) 633-4040</b>
Address (number and street, city, state, and Zip code) <b>107 South Pennsylvania Street Indianapolis, Indiana 46204</b>	

**4. PROJECT IDENTIFICATION**

Name of project <b>Indiana State University Blumberg Hall</b>	State project number	County <b>Vigo County</b>
Site Address (number and street, city, state, and Zip code) <b>400 Mulberry Street Terre Haute, Indiana 47809</b>		

Type of project:     New             Addition             Alteration             Change of Occupancy             Existing

**5. REQUIRED ADDITIONAL INFORMATION**

The following required information has been included with this application (check as applicable):

- A check made payable to the Indiana Department of Homeland Security for the appropriate amount. (see instructions)
- One (1) set of plans or drawings and supporting data that describe the area affected by the requested variance and any proposed alternatives.
- Written documentation showing that the local fire official has received a copy of the variance application.
- Written documentation showing that the local building official has received a copy of the variance application.

**6. VIOLATION INFORMATION**

Has the Plan Review Section of the Division of Fire & Building Safety issued a Correction Order?  
 Yes (if yes, attach a copy of the Correction Order)             No

Has a violation been issued?    Yes (if yes, attach a copy of the Violation and answer the following)             No

Violation Issued by:     Local Building Department             State Fire and Building Code Enforcement Section  
 Local Fire Department

**7. DESCRIPTION OF REQUESTED VARIANCE**

Name of code or standard and edition involved

Specific code section

**General Administrative Rules, 2<sup>nd</sup> Edition**

**Rule 4, Section 12(f)**

Nature of non-compliance (include a description of spaces, equipment, etc. involved as necessary)

The project includes a small “bump-out” addition on each of floors 3-12 of approximately 50 sq ft per floor, as well as a small net increase in area on the 2<sup>nd</sup> floor “mezzanine” level. The building does not comply with the Type IA Construction requirements per current code. All building elements are a minimum of 1-hour rating, but do not comply with Table 601 requirements for Type IA Construction.

The building is 12 stories in height (including the partial 2<sup>nd</sup> floor “mezzanine”) and is constructed of a combination of precast and cast-in-place concrete construction. Blumberg Hall is one (1) of four (4) residence towers making up the 1960's-era Sycamore Towers at the Indiana State University campus in Terre Haute. The project proposes a renovation/rehabilitation to the structure, including student room and rest room renovations, common use area renovations, new mechanical and plumbing systems, electrical system upgrades, and improvements to the existing building envelope.

**8. DEMONSTRATION THAT PUBLIC HEALTH, SAFETY, AND WELFARE WILL BE PROTECTED**

Select one of the following statements:

- Non-compliance with the rule will not be adverse to the public health, safety or welfare; or
- Applicant will undertake alternative actions in lieu of compliance with the rule to ensure that granting of the variance will not be adverse to public health, safety, or welfare. Explain why alternative actions would be adequate (be specific).

Facts demonstrating that the above selected statement is true:

1. The building will be protected throughout with a sprinkler system per NFPA 13 as part of this project. Additionally, an automatic standpipe system will be provided throughout the building.
2. A voice-alarm system will be provided throughout the building as part of this project.
3. Two (2) separate standby power generators will be provided; one for the fire pump, and one to serve elevators, emergency lighting, the fire alarm system, and the existing stair pressurization system.
4. Based upon the fire and life safety improvements proposed, the small additional floor area will not be adverse to safety. An identical variance was granted for ISU Mills Hall, another wing of Sycamore Towers - 14-1-37(a).

**9. DEMONSTRATION OF UNDUE HARDSHIP OR HISTORICALLY SIGNIFICANT STRUCTURE**

Select one of the following statements:

- Imposition of the rule would result in an undue hardship (unusual difficulty) because of physical limitations of the construction site or its utility services
- Imposition of the rule would result in an undue hardship (unusual difficulty) because of major operational problems in the use of the building or structure
- Imposition of the rule would result in an undue hardship (unusual difficulty) because of excessive costs of additional or altered construction elements
- Imposition of the rule would prevent the preservation of An architecturally or a historically significant part of the building or structure.

Facts demonstrating that the above selected statement is true:

**The additional area is needed on the mezzanine level to complete construction for new resident supervisor apartment units and reconfiguration of the space otherwise. The small bump-out addition will accommodate a new curtain wall feature to dress up the exterior of the building.**

**10. STATEMENT OF ACCURACY**

I hereby certify under penalty of perjury that the information contained in this application is accurate

Signature of applicant or person submitting application	Please print name <b>Edwin L. Rensink</b>	Date of signature (month, day, year)
Signature of design professional (if applicable)	Please print name <b>William A. Browne, Jr., FAIA</b>	Date of signature (month, day, year)

**11. STATEMENT OF AWARENESS (If the application is submitted on the applicant's behalf, the applicant must sign the following statement)**

I hereby certify under penalty of perjury that I am aware of this request for variance and that this application is being submitted on my behalf.

Signature of applicant	Please print name <b>Bryan Duncan, P.E.</b>	Date of signature (month, day, year)
------------------------	--	--------------------------------------



# APPLICATION FOR VARIANCE

State Form 44400 (R4 / 6-10)

Approved by State Board of Accounts, 2008

INDIANA DEPARTMENT OF HOMELAND SECURITY  
 CODE SERVICE SECTION  
 402 West Washington Street, Room W246  
 Indianapolis, IN 46204-2739  
[http://www.in.gov/dhs/fire/fp\\_bs\\_comm\\_code/](http://www.in.gov/dhs/fire/fp_bs_comm_code/)



**INSTRUCTION:** Please refer to the attached four (4) page instructions.  
 Attach additional pages as needed to complete this application.

Variance number (Assigned by department)

15-01-1802

<b>1. APPLICANT INFORMATION</b> (Person who would be in violation if variance is not granted; usually this is the owner)		
Name of applicant <b>Bryan Duncan, P.E.</b>	Title <b>Director of Capital Planning</b>	
Name of organization <b>Indiana State University</b>	Telephone number <b>(812) 237-8195</b>	
Address (number and street, city, state, and Zip code) <b>951 Sycamore Street Terre Haute, Indiana 47809</b>		
<b>2. PERSON SUBMITTING APPLICATION ON BEHALF OF THE APPLICANT</b> (if not submitted by the applicant)		
Name of person on behalf of the applicant <b>Edwin L. Rensink</b>	Title <b>Principal</b>	
Name of organization <b>RTM Consultants, Inc.</b>	Telephone number <b>(317) 329-7700</b>	
Address (number and street, city, state, and Zip code) <b>6640 Parkdale Place, Suite J., Indianapolis, Indiana 46254</b>		
<b>3. DESIGN PROFESSIONAL OF RECORD</b> (If applicable)		
Name of design professional <b>William A. Browne, Jr., FAIA</b>	License number <b>4154</b>	
Name of organization <b>Ratio Architects</b>	Telephone number <b>(317) 633-4040</b>	
Address (number and street, city, state, and Zip code) <b>107 South Pennsylvania Street Indianapolis, Indiana 46204</b>		
<b>4. PROJECT IDENTIFICATION</b>		
Name of project <b>Indiana State University Blumberg Hall</b>	State project number	County <b>Vigo County</b>
Site Address (number and street, city, state, and Zip code) <b>400 Mulberry Street Terre Haute, Indiana 47809</b>		
Type of project:    New <input checked="" type="checkbox"/> Addition <input checked="" type="checkbox"/> Alteration <input type="checkbox"/> Change of Occupancy <input type="checkbox"/> Existing		
<b>5. REQUIRED ADDITIONAL INFORMATION</b>		
The following required information has been included with this application (check as applicable):		
<input checked="" type="checkbox"/> A check made payable to the Indiana Department of Homeland Security for the appropriate amount. (see instructions)		
<input checked="" type="checkbox"/> One (1) set of plans or drawings and supporting data that describe the area affected by the requested variance and any proposed alternatives.		
<input checked="" type="checkbox"/> Written documentation showing that the local fire official has received a copy of the variance application.		
<input checked="" type="checkbox"/> Written documentation showing that the local building official has received a copy of the variance application.		
<b>6. VIOLATION INFORMATION</b>		
Has the Plan Review Section of the Division of Fire & Building Safety issued a Correction Order?		
<input type="checkbox"/> Yes (if yes, attach a copy of the Correction Order) <input checked="" type="checkbox"/> No		
Has a violation been issued?    Yes (if yes, attach a copy of the Violation and answer the following) <input checked="" type="checkbox"/> No		
Violation Issued by: <input type="checkbox"/> Local Building Department <input type="checkbox"/> State Fire and Building Code Enforcement Section		
<input type="checkbox"/> Local Fire Department		

**7. DESCRIPTION OF REQUESTED VARIANCE**

Name of code or standard and edition involved

**2014 Indiana Building Code**

Specific code section

**403**

Nature of non-compliance (include a description of spaces, equipment, etc. involved as necessary)

The project includes a small “bump-out” addition on each of floors 3-12 of approximately 50 sq ft per floor, as well as a small net increase in area on the 2<sup>nd</sup> floor “mezzanine” level. The building will not fully comply with the requirements of the current code for high rise buildings, which requirement is technically triggered by the additional floor area proposed for the building.

The building is 12 stories in height (including the partial 2<sup>nd</sup> floor “mezzanine”) and is constructed of a combination of precast and cast-in-place concrete construction. Blumberg Hall is one (1) of four (4) residence towers making up the 1960's-era Sycamore Towers at the Indiana State University campus in Terre Haute. The project proposes a renovation/rehabilitation to the structure, including student room and rest room renovations, common use area renovations, new mechanical and plumbing systems, electrical system upgrades, and improvements to the existing building envelope.

**8. DEMONSTRATION THAT PUBLIC HEALTH, SAFETY, AND WELFARE WILL BE PROTECTED**

Select one of the following statements:

- Non-compliance with the rule will not be adverse to the public health, safety or welfare; or
- Applicant will undertake alternative actions in lieu of compliance with the rule to ensure that granting of the variance will not be adverse to public health, safety, or welfare. Explain why alternative actions would be adequate (*be specific*).

Facts demonstrating that the above selected statement is true:

1. **The building will be protected throughout with a sprinkler system per NFPA 13 as part of this project. Additionally, an automatic standpipe system will be provided throughout the building.**
2. **A voice-alarm system will be provided throughout the building as part of this project.**
3. **Two (2) separate standby power generators will be provided; one for the fire pump, and one to serve elevators, emergency lighting, the fire alarm system, and the existing stair pressurization system.**
4. **Based upon the fire and life safety improvements proposed, the small additional floor area will not be adverse to safety. An identical variance was granted for ISU Mills Hall, another wing of Sycamore Towers - 14-1-37(b).**

**9. DEMONSTRATION OF UNDUE HARDSHIP OR HISTORICALLY SIGNIFICANT STRUCTURE**

Select one of the following statements:

- Imposition of the rule would result in an undue hardship (*unusual difficulty*) because of physical limitations of the construction site or its utility services
- Imposition of the rule would result in an undue hardship (*unusual difficulty*) because of major operational problems in the use of the building or structure
- Imposition of the rule would result in an undue hardship (*unusual difficulty*) because of excessive costs of additional or altered construction elements
- Imposition of the rule would prevent the preservation of An architecturally or a historically significant part of the building or structure.

Facts demonstrating that the above selected statement is true:

**The additional area is needed on the mezzanine level to complete construction for new resident supervisor apartment units and reconfiguration of the space otherwise. The small bump-out addition will accommodate a new curtain wall feature to dress up the exterior of the building.**

**10. STATEMENT OF ACCURACY**

I hereby certify under penalty of perjury that the information contained in this application is accurate

Signature of applicant or person submitting application	Please print name <b>Edwin L. Rensink</b>	Date of signature (month, day, year)
Signature of design professional (if applicable)	Please print name <b>William A. Browne, Jr., FAIA</b>	Date of signature (month, day, year)

**11. STATEMENT OF AWARENESS (If the application is submitted on the applicant's behalf, the applicant must sign the following statement)**

I hereby certify under penalty of perjury that I am aware of this request for variance and that this application is being submitted on my behalf.

Signature of applicant	Please print name <b>Bryan Duncan, P.E.</b>	Date of signature (month, day, year)
------------------------	--	--------------------------------------



# APPLICATION FOR VARIANCE

State Form 44400 (R4 / 6-10)

Approved by State Board of Accounts, 2008

INDIANA DEPARTMENT OF HOMELAND SECURITY  
CODE SERVICE SECTION  
402 West Washington Street, Room W246  
Indianapolis, IN 46204-2739  
[http://www.in.gov/dhs/fire/fp\\_bs\\_comm\\_code/](http://www.in.gov/dhs/fire/fp_bs_comm_code/)



**INSTRUCTION:** Please refer to the attached four (4) page instructions.  
Attach additional pages as needed to complete this application.

Variance number (Assigned by department)  
15-01-18(c)

### 1. APPLICANT INFORMATION (Person who would be in violation if variance is not granted; usually this is the owner)

Name of the applicant <b>Bryan Duncan, P.E.</b>	Title <b>Director of Capital Planning</b>
Name of organization <b>Indiana State University</b>	Telephone number <b>(812) 237-8195</b>
Address (number and street, city, state, and Zip code) <b>951 Sycamore Street Terre Haute, Indiana 47809</b>	

### 2. PERSON SUBMITTING APPLICATION ON BEHALF OF THE APPLICANT (if not submitted by the applicant)

Name of person on behalf of the applicant <b>Edwin L. Rensink</b>	Title <b>Principal</b>
Name of organization <b>RTM Consultants, Inc.</b>	Telephone number <b>(317) 329-7700</b>
Address (number and street, city, state, and Zip code) <b>6640 Parkdale Place, Suite J., Indianapolis, Indiana 46254</b>	

### 3. DESIGN PROFESSIONAL OF RECORD (If applicable)

Name of design professional <b>William A. Browne, Jr., FAIA</b>	License number <b>4154</b>
Name of organization <b>Ratio Architects</b>	Telephone number <b>(317) 633-4040</b>
Address (number and street, city, state, and Zip code) <b>107 South Pennsylvania Street Indianapolis, Indiana 46204</b>	

### 4. PROJECT IDENTIFICATION

Name of project <b>Indiana State University Blumberg Hall</b>	State project number	County <b>Vigo County</b>
Site Address (number and street, city, state, and Zip code) <b>400 Mulberry Street Terre Haute, Indiana 47809</b>		
Type of project:    New <input checked="" type="checkbox"/> Addition <input checked="" type="checkbox"/> Alteration <input type="checkbox"/> Change of Occupancy <input type="checkbox"/> Existing		

### 5. REQUIRED ADDITIONAL INFORMATION

The following required information has been included with this application (check as applicable):

- A check made payable to the Indiana Department of Homeland Security for the appropriate amount. (see instructions)
- One (1) set of plans or drawings and supporting data that describe the area affected by the requested variance and any proposed alternatives.
- Written documentation showing that the local fire official has received a copy of the variance application.
- Written documentation showing that the local building official has received a copy of the variance application.

### 6. VIOLATION INFORMATION

Has the Plan Review Section of the Division of Fire & Building Safety issued a Correction Order?

Yes (if yes, attach a copy of the Correction Order)             No

---

Has a violation been issued?    Yes (if yes, attach a copy of the Violation and answer the following)             No

Violation Issued by:     Local Building Department             State Fire and Building Code Enforcement Section  
 Local Fire Department

**7. DESCRIPTION OF REQUESTED VARIANCE**

Name of code or standard and edition involved

**2014 Indiana Building Code**

Specific code section

**708.6, 716**

Nature of non-compliance (include a description of spaces, equipment, etc. involved as necessary)

**New student lounges on each of the residence floors will have nonrated openings to the corridor, consisting of glazed windows and doors. Additionally, the doors and sidelights into the new bathing rooms on each floor will have nonrated frosted glazing. Code requires protected openings to the corridor based upon the R-2 Occupancy classification.**

**Blumberg Hall is one (1) of four (4) residence towers making up the 1960's-era Sycamore Towers at the Indiana State University campus in Terre Haute. The project proposes a renovation/rehabilitation to the structure, including student room and rest room renovations, common use area renovations, new mechanical and plumbing systems, electrical system upgrades, and improvements to the existing building envelope.**

**8. DEMONSTRATION THAT PUBLIC HEALTH, SAFETY, AND WELFARE WILL BE PROTECTED**

Select one of the following statements:

- Non-compliance with the rule will not be adverse to the public health, safety or welfare; or
- Applicant will undertake alternative actions in lieu of compliance with the rule to ensure that granting of the variance will not be adverse to public health, safety, or welfare. Explain why alternative actions would be adequate (be specific).

Facts demonstrating that the above selected statement is true:

- 1. The building will be protected throughout with a sprinkler system per NFPA 13 as part of this project.**
- 2. The glass openings and doors will be protected with a sprinkler water curtain designed per NFPA 13, consisting of close-spaced sprinklers. The water curtain will be designed to deliver a minimum discharge rate of 3 gpm per lineal foot along the glass wall.**
- 3. An identical variance for the student lounges was granted for ISU Mills Hall, another wing of Sycamore Towers - 14-1-37(d). Identical variances for student lounges have been granted for several student housing projects, including 12-11-22(e) for Johnson Hall at Ball State University.**

**9. DEMONSTRATION OF UNDUE HARDSHIP OR HISTORICALLY SIGNIFICANT STRUCTURE**

Select one of the following statements:

- Imposition of the rule would result in an undue hardship (unusual difficulty) because of physical limitations of the construction site or its utility services
- Imposition of the rule would result in an undue hardship (unusual difficulty) because of major operational problems in the use of the building or structure
- Imposition of the rule would result in an undue hardship (unusual difficulty) because of excessive costs of additional or altered construction elements
- Imposition of the rule would prevent the preservation of An architecturally or a historically significant part of the building or structure.

Facts demonstrating that the above selected statement is true:

**In addition to the open lounge areas addressed in a separate variance, the lounges with glazing to the corridor are an important feature of the design.**

**10. STATEMENT OF ACCURACY**

I hereby certify under penalty of perjury that the information contained in this application is accurate

Signature of applicant or person submitting application	Please print name <b>Edwin L. Rensink</b>	Date of signature (month, day, year)
Signature of design professional (if applicable)	Please print name <b>William A. Browne, Jr., FAIA</b>	Date of signature (month, day, year)

**11. STATEMENT OF AWARENESS (If the application is submitted on the applicant's behalf, the applicant must sign the following statement)**

I hereby certify under penalty of perjury that I am aware of this request for variance and that this application is being submitted on my behalf.

Signature of applicant	Please print name <b>Bryan Duncan, P.E.</b>	Date of signature (month, day, year)
------------------------	--	--------------------------------------



# APPLICATION FOR VARIANCE

State Form 44400 (R4 / 6-10)

Approved by State Board of Accounts, 2008

INDIANA DEPARTMENT OF HOMELAND SECURITY  
 CODE SERVICE SECTION  
 402 West Washington Street, Room W246  
 Indianapolis, IN 46204-2739  
[http://www.in.gov/dhs/fire/fp\\_bs\\_comm\\_code/](http://www.in.gov/dhs/fire/fp_bs_comm_code/)



**INSTRUCTION:** Please refer to the attached four (4) page instructions.  
 Attach additional pages as needed to complete this application.

Variance number (Assigned by department)  
 15-01-18(d)

**1. APPLICANT INFORMATION** (Person who would be in violation if variance is not granted; usually this is the owner)

Name of the applicant <b>Bryan Duncan, P.E.</b>	Title <b>Director of Capital Planning</b>
Name of organization <b>Indiana State University</b>	Telephone number <b>(812) 237-8195</b>
Address (number and street, city, state, and Zip code) <b>951 Sycamore Street Terre Haute, Indiana 47809</b>	

**2. PERSON SUBMITTING APPLICATION ON BEHALF OF THE APPLICANT** (if not submitted by the applicant)

Name of person on behalf of the applicant <b>Edwin L. Rensink</b>	Title <b>Principal</b>
Name of organization <b>RTM Consultants, Inc.</b>	Telephone number <b>(317) 329-7700</b>
Address (number and street, city, state, and Zip code) <b>6640 Parkdale Place, Suite J., Indianapolis, Indiana 46254</b>	

**3. DESIGN PROFESSIONAL OF RECORD** (If applicable)

Name of design professional <b>William A. Browne, Jr., FAIA</b>	License number <b>4154</b>
Name of organization <b>Ratio Architects</b>	Telephone number <b>(317) 633-4040</b>
Address (number and street, city, state, and Zip code) <b>107 South Pennsylvania Street Indianapolis, Indiana 46204</b>	

**4. PROJECT IDENTIFICATION**

Name of project <b>Indiana State University Blumberg Hall</b>	State project number	County <b>Vigo County</b>
Site Address (number and street, city, state, and Zip code) <b>400 Mulberry Street Terre Haute, Indiana 47809</b>		
Type of project: <input type="checkbox"/> New <input checked="" type="checkbox"/> Addition <input checked="" type="checkbox"/> Alteration <input type="checkbox"/> Change of Occupancy <input type="checkbox"/> Existing		

**5. REQUIRED ADDITIONAL INFORMATION**

The following required information has been included with this application (check as applicable):

- A check made payable to the Indiana Department of Homeland Security for the appropriate amount. (see instructions)
- One (1) set of plans or drawings and supporting data that describe the area affected by the requested variance and any proposed alternatives.
- Written documentation showing that the local fire official has received a copy of the variance application.
- Written documentation showing that the local building official has received a copy of the variance application.

**6. VIOLATION INFORMATION**

Has the Plan Review Section of the Division of Fire & Building Safety issued a Correction Order?  
 Yes (if yes, attach a copy of the Correction Order)             No

Has a violation been issued?    Yes (if yes, attach a copy of the Violation and answer the following)             No

Violation Issued by:     Local Building Department             State Fire and Building Code Enforcement Section  
 Local Fire Department

**7. DESCRIPTION OF REQUESTED VARIANCE**

Name of code or standard and edition involved

Specific code section

**2014 Indiana Building Code**

**1018.1**

Nature of non-compliance (include a description of spaces, equipment, etc. involved as necessary)

**New student lounges on each of the residence floors will be open to the corridor. A separation is required from the corridor for rooms other than “foyers, lobbies, and reception rooms”.**

**Blumberg Hall is one (1) of four (4) residence towers making up the 1960's-era Sycamore Towers at the Indiana State University campus in Terre Haute. The project proposes a renovation/rehabilitation to the structure, including student room and rest room renovations, common use area renovations, new mechanical and plumbing systems, electrical system upgrades, and improvements to the existing building envelope.**

**8. DEMONSTRATION THAT PUBLIC HEALTH, SAFETY, AND WELFARE WILL BE PROTECTED**

Select one of the following statements:

- Non-compliance with the rule will not be adverse to the public health, safety or welfare; or
- Applicant will undertake alternative actions in lieu of compliance with the rule to ensure that granting of the variance will not be adverse to public health, safety, or welfare. Explain why alternative actions would be adequate (be specific).

Facts demonstrating that the above selected statement is true:

- 1. The building will be protected throughout with a sprinkler system per NFPA 13 as part of this project.**
- 2. A voice-alarm system as required for high rise buildings will be provided throughout the building as part of this project.**
- 3. The proposed design will comply with Sec. 28.3.6.6, NFPA 101, Life Safety Code for residential occupancies, as follows: Spaces are permitted to be open to the corridor provided that the spaces are not used for sleeping rooms, the building is protected throughout with a sprinkler system, and the space does not obstruct access to required exits.**
- 4. An identical variance was granted for ISU Mills Hall, another wing of Sycamore Towers - 14-1-37(c). Identical variances have been granted for student housing projects at Rose-Hulman (11-07-50a), Indiana University (08-09-35b), Ball State University (12-11-22g), as well as a number of facilities at Purdue University.**

**9. DEMONSTRATION OF UNDUE HARDSHIP OR HISTORICALLY SIGNIFICANT STRUCTURE**

Select one of the following statements:

- Imposition of the rule would result in an undue hardship (unusual difficulty) because of physical limitations of the construction site or its utility services
- Imposition of the rule would result in an undue hardship (unusual difficulty) because of major operational problems in the use of the building or structure
- Imposition of the rule would result in an undue hardship (unusual difficulty) because of excessive costs of additional or altered construction elements
- Imposition of the rule would prevent the preservation of An architecturally or a historically significant part of the building or structure.

Facts demonstrating that the above selected statement is true:

**The open lounge areas are an important feature of modern university dorm design.**

**10. STATEMENT OF ACCURACY**

I hereby certify under penalty of perjury that the information contained in this application is accurate

Signature of applicant or person submitting application	Please print name <b>Edwin L. Rensink</b>	Date of signature (month, day, year)
Signature of design professional (if applicable)	Please print name <b>William A. Browne, Jr., FAIA</b>	Date of signature (month, day, year)

**11. STATEMENT OF AWARENESS (If the application is submitted on the applicant's behalf, the applicant must sign the following statement)**

I hereby certify under penalty of perjury that I am aware of this request for variance and that this application is being submitted on my behalf.

Signature of applicant	Please print name <b>Bryan Duncan, P.E.</b>	Date of signature (month, day, year)
------------------------	--	--------------------------------------



**APPLICATION FOR VARIANCE**

State Form 44400 (R4 / 6-10)

Approved by State Board of Accounts, 2008

INDIANA DEPARTMENT OF HOMELAND SECURITY  
 CODE SERVICE SECTION  
 402 West Washington Street, Room W246  
 Indianapolis, IN 46204-2739  
[http://www.in.gov/dhs/fire/fp\\_bs\\_comm\\_code/](http://www.in.gov/dhs/fire/fp_bs_comm_code/)



**INSTRUCTION:** Please refer to the attached four (4) page instructions.  
 Attach additional pages as needed to complete this application.

Variance number (Assigned by department)

15-01-18(E)

**1. APPLICANT INFORMATION** (Person who would be in violation if variance is not granted; usually this is the owner)

Name of the applicant <b>Bryan Duncan, P.E.</b>	Title <b>Director of Capital Planning</b>
Name of organization <b>Indiana State University</b>	Telephone number <b>(812) 237-8195</b>
Address (number and street, city, state, and Zip code) <b>951 Sycamore Street Terre Haute, Indiana 47809</b>	

**2. PERSON SUBMITTING APPLICATION ON BEHALF OF THE APPLICANT** (if not submitted by the applicant)

Name of person on behalf of the applicant <b>Edwin L. Rensink</b>	Title <b>Principal</b>
Name of organization <b>RTM Consultants, Inc.</b>	Telephone number <b>(317) 329-7700</b>
Address (number and street, city, state, and Zip code) <b>6640 Parkdale Place, Suite J., Indianapolis, Indiana 46254</b>	

**3. DESIGN PROFESSIONAL OF RECORD** (If applicable)

Name of design professional <b>William A. Browne, Jr., FAIA</b>	License number <b>4154</b>
Name of organization <b>Ratio Architects</b>	Telephone number <b>(317) 633-4040</b>
Address (number and street, city, state, and Zip code) <b>107 South Pennsylvania Street Indianapolis, Indiana 46204</b>	

**4. PROJECT IDENTIFICATION**

Name of project <b>Indiana State University Blumberg Hall</b>	State project number	County <b>Vigo County</b>
Site Address (number and street, city, state, and Zip code) <b>400 Mulberry Street Terre Haute, Indiana 47809</b>		
Type of project:    New <input checked="" type="checkbox"/> Addition <input checked="" type="checkbox"/> Alteration <input type="checkbox"/> Change of Occupancy <input type="checkbox"/> Existing		

**5. REQUIRED ADDITIONAL INFORMATION**

The following required information has been included with this application (check as applicable):

- A check made payable to the Indiana Department of Homeland Security for the appropriate amount. (see instructions)
- One (1) set of plans or drawings and supporting data that describe the area affected by the requested variance and any proposed alternatives.
- Written documentation showing that the local fire official has received a copy of the variance application.
- Written documentation showing that the local building official has received a copy of the variance application.

**6. VIOLATION INFORMATION**

Has the Plan Review Section of the Division of Fire &amp; Building Safety issued a Correction Order?

 Yes (if yes, attach a copy of the Correction Order)             No
Has a violation been issued?    Yes (if yes, attach a copy of the Violation and answer the following)             No
 Violation Issued by:     Local Building Department             State Fire and Building Code Enforcement Section  
                                    Local Fire Department

**7. DESCRIPTION OF REQUESTED VARIANCE**

Name of code or standard and edition involved

Specific code section

**2014 Indiana Building Code****716.5.9**

Nature of non-compliance (include a description of spaces, equipment, etc. involved as necessary)

**New dormitory sleeping room door assemblies will not be provided with closers. The corridor doors are required to be either self- or automatic-closing, based upon the 20-minute fire rating. All other dorm room door assemblies are existing where the door leaf will be a replacement-of-like-kind repair, without a fire rating.**

**Blumberg Hall is one (1) of four (4) residence towers making up the 1960's-era Sycamore Towers at the Indiana State University campus in Terre Haute. The project proposes a renovation/rehabilitation to the structure, including student room and rest room renovations, common use area renovations, new mechanical and plumbing systems, electrical system upgrades, and improvements to the existing building envelope.**

**8. DEMONSTRATION THAT PUBLIC HEALTH, SAFETY, AND WELFARE WILL BE PROTECTED**

Select one of the following statements:

- Non-compliance with the rule will not be adverse to the public health, safety or welfare; or
- Applicant will undertake alternative actions in lieu of compliance with the rule to ensure that granting of the variance will not be adverse to public health, safety, or welfare. Explain why alternative actions would be adequate (be specific).

Facts demonstrating that the above selected statement is true:

- 1. The building will be protected throughout with a sprinkler system per NFPA 13 as part of this project.**
- 2. The corridors will be provided with a smoke detection system connected to the building fire alarm system - corridor smoke detectors are not required by code. Each sleeping room will be provided with single-station smoke detectors, as required.**
- 3. An identical variance was granted for ISU Mills Hall, another wing of Sycamore Towers - 14-1-37(e). Identical variances were granted for several previous dormitory facilities under the following variance approvals: [98-4-9], [00-2-23], [00-5-9], [06-11-47(a)], [07-07-26(a)], [10-1-37(b)], [11-3-17(a)], and ISU Erickson Hall [12-05-36(c)].**

**9. DEMONSTRATION OF UNDUE HARDSHIP OR HISTORICALLY SIGNIFICANT STRUCTURE**

Select one of the following statements:

- Imposition of the rule would result in an undue hardship (*unusual difficulty*) because of physical limitations of the construction site or its utility services
- Imposition of the rule would result in an undue hardship (*unusual difficulty*) because of major operational problems in the use of the building or structure
- Imposition of the rule would result in an undue hardship (*unusual difficulty*) because of excessive costs of additional or altered construction elements
- Imposition of the rule would prevent the preservation of An architecturally or a historically significant part of the building or structure.

Facts demonstrating that the above selected statement is true:

**The hardship is the ongoing cost of maintaining door closers or door hold-open devices that are rendered essentially inoperative in a short period of time in the student environment.**

**10. STATEMENT OF ACCURACY**

I hereby certify under penalty of perjury that the information contained in this application is accurate

Signature of applicant or person submitting application	Please print name <b>Edwin L. Rensink</b>	Date of signature (month, day, year)
Signature of design professional (if applicable)	Please print name <b>William A. Browne, Jr., FAIA</b>	Date of signature (month, day, year)

**11. STATEMENT OF AWARENESS (If the application is submitted on the applicant's behalf, the applicant must sign the following statement)**

I hereby certify under penalty of perjury that I am aware of this request for variance and that this application is being submitted on my behalf.

Signature of applicant	Please print name <b>Bryan Duncan, P.E.</b>	Date of signature (month, day, year)
------------------------	--	--------------------------------------



# APPLICATION FOR VARIANCE

State Form 44400 (R4 / 6-10)

Approved by State Board of Accounts, 2008

INDIANA DEPARTMENT OF HOMELAND SECURITY  
CODE SERVICE SECTION  
402 West Washington Street, Room W246  
Indianapolis, IN 46204-2739  
[http://www.in.gov/dhs/fire/fp\\_bs\\_comm\\_code/](http://www.in.gov/dhs/fire/fp_bs_comm_code/)



**INSTRUCTION:** Please refer to the attached four (4) page instructions.  
Attach additional pages as needed to complete this application.

Variance number (Assigned by department)

15-01-18 (E)

1. APPLICANT INFORMATION (Person who would be in violation if variance is not granted; usually this is the owner)		
Name of the applicant <b>Bryan Duncan, P.E.</b>	Title <b>Director of Capital Planning</b>	
Name of organization <b>Indiana State University</b>	Telephone number <b>(812) 237-8195</b>	
Address (number and street, city, state, and Zip code) <b>951 Sycamore Street Terre Haute, Indiana 47809</b>		
2. PERSON SUBMITTING APPLICATION ON BEHALF OF THE APPLICANT (if not submitted by the applicant)		
Name of person on behalf of the applicant <b>Edwin L. Rensink</b>	Title <b>Principal</b>	
Name of organization <b>RTM Consultants, Inc.</b>	Telephone number <b>(317) 329-7700</b>	
Address (number and street, city, state, and Zip code) <b>6640 Parkdale Place, Suite J., Indianapolis, Indiana 46254</b>		
3. DESIGN PROFESSIONAL OF RECORD (If applicable)		
Name of design professional <b>William A. Browne, Jr., FAIA</b>	License number <b>4154</b>	
Name of organization <b>Ratio Architects</b>	Telephone number <b>(317) 633-4040</b>	
Address (number and street, city, state, and Zip code) <b>107 South Pennsylvania Street Indianapolis, Indiana 46204</b>		
4. PROJECT IDENTIFICATION		
Name of project <b>Indiana State University Blumberg Hall</b>	State project number	County <b>Vigo County</b>
Site Address (number and street, city, state, and Zip code) <b>400 Mulberry Street Terre Haute, Indiana 47809</b>		
Type of project: <input type="checkbox"/> New <input checked="" type="checkbox"/> Addition <input checked="" type="checkbox"/> Alteration <input type="checkbox"/> Change of Occupancy <input type="checkbox"/> Existing		
5. REQUIRED ADDITIONAL INFORMATION		
The following required information has been included with this application (check as applicable):		
<input checked="" type="checkbox"/> A check made payable to the Indiana Department of Homeland Security for the appropriate amount. (see instructions)		
<input checked="" type="checkbox"/> One (1) set of plans or drawings and supporting data that describe the area affected by the requested variance and any proposed alternatives.		
<input checked="" type="checkbox"/> Written documentation showing that the local fire official has received a copy of the variance application.		
<input checked="" type="checkbox"/> Written documentation showing that the local building official has received a copy of the variance application.		
6. VIOLATION INFORMATION		
Has the Plan Review Section of the Division of Fire & Building Safety issued a Correction Order?		
<input type="checkbox"/> Yes (if yes, attach a copy of the Correction Order) <input checked="" type="checkbox"/> No		
Has a violation been issued?    Yes (if yes, attach a copy of the Violation and answer the following) <input checked="" type="checkbox"/> No		
Violation Issued by: <input type="checkbox"/> Local Building Department <input type="checkbox"/> State Fire and Building Code Enforcement Section		
<input type="checkbox"/> Local Fire Department		

**7. DESCRIPTION OF REQUESTED VARIANCE**

Name of code or standard and edition involved

Specific code section

**2014 Indiana Building Code**

**1008.1.9.11, exc. 6**

Nature of non-compliance (include a description of spaces, equipment, etc. involved as necessary)

**The west stair will be provided with door locking devices that lock from the side opposite the egress side to prevent re-entry onto each floor from the stair in a non-emergency condition. The code permits the proposed arrangement for stairways "serving not more than 7 stories, and not a high rise". The building is 12 stories in height (including the partial 2<sup>nd</sup> floor "mezzanine"). The building is classified as a high rise per current code, but does not have all of the features enumerated in the separate provision in Sec. 403.5.3 for locking doors in a high rise because of not having a fire command center where doors can be unlocked manually.**  
**Blumberg Hall is one (1) of four (4) residence towers making up the 1960's-era Sycamore Towers at the Indiana State University campus in Terre Haute. The project proposes a renovation/rehabilitation to the structure, including student room and rest room renovations, common use area renovations, new mechanical and plumbing systems, electrical system upgrades, and improvements to the existing building envelope.**

**8. DEMONSTRATION THAT PUBLIC HEALTH, SAFETY, AND WELFARE WILL BE PROTECTED**

Select one of the following statements:

- Non-compliance with the rule will not be adverse to the public health, safety or welfare; or
- Applicant will undertake alternative actions in lieu of compliance with the rule to ensure that granting of the variance will not be adverse to public health, safety, or welfare. Explain why alternative actions would be adequate (be specific).

Facts demonstrating that the above selected statement is true:

- 1. All exit doors will be openable in the direction of egress at all times.**
- 2. The devices in question will unlock upon actuation of the fire alarm system or sprinkler system, or upon loss of power controlling the devices.**
- 3. The building will be protected throughout with a sprinkler system per NFPA 13 as part of this project. Additionally, an automatic standpipe system will be provided throughout the building.**
- 4. A voice-alarm system as required for high rise buildings will be provided throughout the building as part of this project. Egress lighting and exit signage will be updated throughout the building.**
- 5. Two (2) separate standby power generators will be provided; one for the fire pump, and one to serve elevators, emergency lighting, the fire alarm system, and the existing stair pressurization system.**
- 6. An identical variance was granted for ISU Mills Hall, another wing of Sycamore Towers - 14-05-17. A nearly identical variance was granted for the 12-story IU Briscoe Hall Renovation in 2010 - Variance 10-01-37c.**

**9. DEMONSTRATION OF UNDUE HARDSHIP OR HISTORICALLY SIGNIFICANT STRUCTURE**

Select one of the following statements:

- Imposition of the rule would result in an undue hardship (unusual difficulty) because of physical limitations of the construction site or its utility services
- Imposition of the rule would result in an undue hardship (unusual difficulty) because of major operational problems in the use of the building or structure
- Imposition of the rule would result in an undue hardship (unusual difficulty) because of excessive costs of additional or altered construction elements
- Imposition of the rule would prevent the preservation of An architecturally or a historically significant part of the building or structure.

Facts demonstrating that the above selected statement is true:

**The devices are needed to enhance personal safety for the student residents, and to prevent intruders onto the individual residential floors from within stairs.**

**10. STATEMENT OF ACCURACY**

I hereby certify under penalty of perjury that the information contained in this application is accurate

Signature of applicant or person submitting application	Please print name <b>Edwin L. Rensink</b>	Date of signature (month, day, year)
Signature of design professional (if applicable)	Please print name <b>William A. Browne, Jr., FAIA</b>	Date of signature (month, day, year)

**11. STATEMENT OF AWARENESS (If the application is submitted on the applicant's behalf, the applicant must sign the following statement)**

I hereby certify under penalty of perjury that I am aware of this request for variance and that this application is being submitted on my behalf.

Signature of applicant	Please print name <b>Bryan Duncan, P.E.</b>	Date of signature (month, day, year)
------------------------	--	--------------------------------------

OWNER:  
INDIANA STATE UNIVERSITY  
1000 UNIVERSITY BLVD  
TERRE HAUTE, IN 47799-1002  
(317) 237-4625

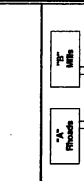
ARCHITECT / LANDSCAPE ARCHITECT:  
RATIO ARCHITECTS  
101 SOUTH WASHINGTON STREET  
TERRE HAUTE, INDIANA 47799  
317-234-2000

MECHANICAL ENGINEER:  
R.E. DREW & ASSOCIATES, INC.  
722 NORTH CAPITAL AVENUE  
TERRE HAUTE, INDIANA 47799  
317-234-4672

ELECTRICAL ENGINEER:  
R.E. DREW & ASSOCIATES, INC.  
722 NORTH CAPITAL AVENUE  
TERRE HAUTE, INDIANA 47799  
317-234-4672

STRUCTURAL ENGINEER:  
R.E. DREW & ASSOCIATES, INC.  
722 NORTH CAPITAL AVENUE  
TERRE HAUTE, INDIANA 47799  
317-234-4672

GENERAL CONTRACTOR:  
ARSEE ENGINEERS, INC.  
101 SOUTH WASHINGTON STREET  
TERRE HAUTE, INDIANA 47799  
317-234-2000



DESIGN DEVELOPMENT  
DECEMBER 5, 2014  
REVISIONS

CREATED BY:  
APPROVED BY:  
PROJECT NO.:  
11111.001

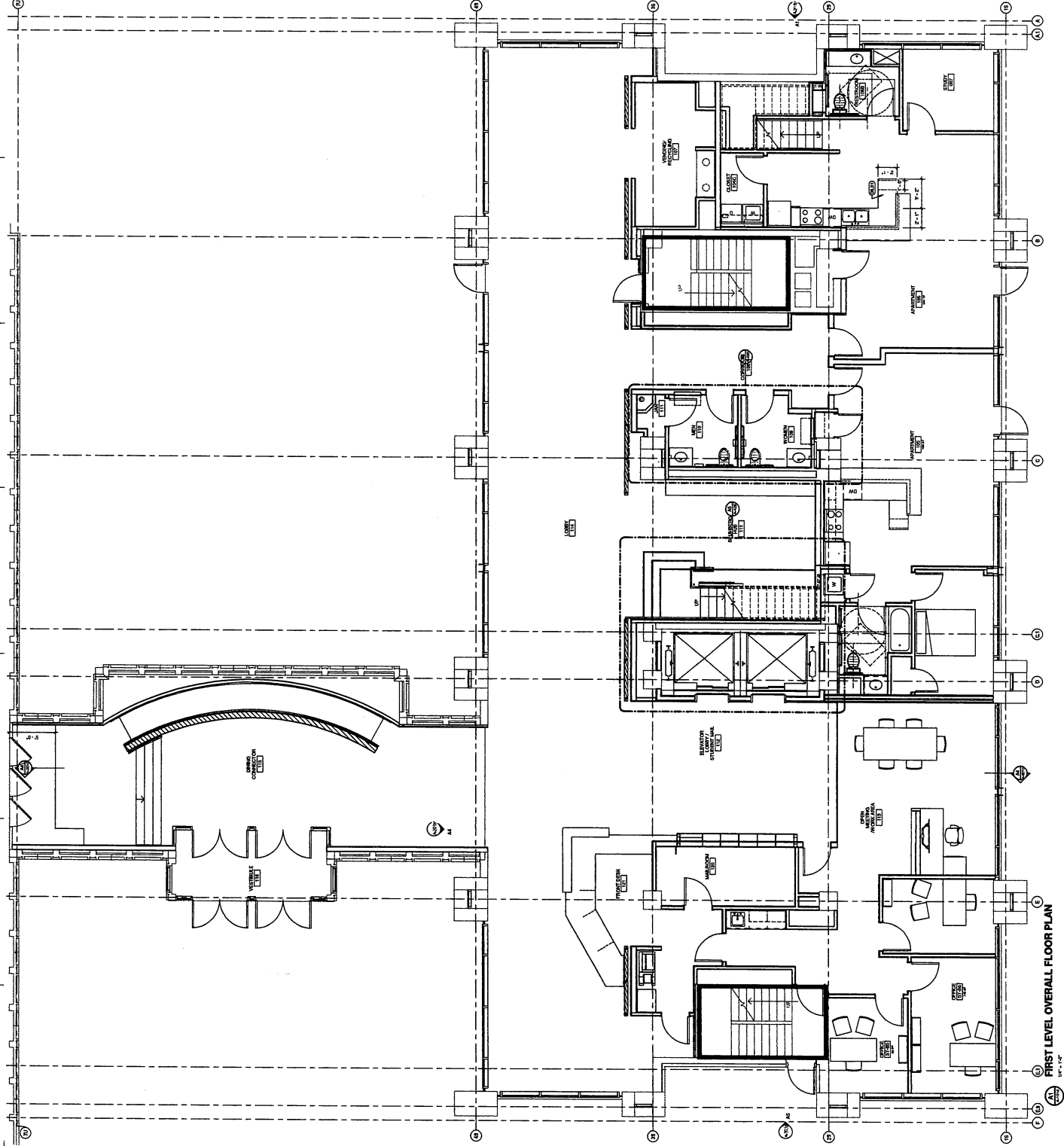
RATIO  
SHEET TITLE  
FIRST FLOOR PLAN  
BLUMBERG  
BUILDING

SHEET NUMBER  
A-101d

NOT TO SCALE. THIS PLAN IS FOR INFORMATION ONLY. THE ARCHITECT HAS CONDUCTED VISUAL VERIFICATION OF THE INFORMATION PROVIDED HEREON. THE ARCHITECT HAS NOT CONDUCTED A FIELD SURVEY OF THE PROJECT. THE ARCHITECT HAS NOT CONDUCTED A FIELD SURVEY OF THE PROJECT. THE ARCHITECT HAS NOT CONDUCTED A FIELD SURVEY OF THE PROJECT.

**KEYNOTES - FLOOR PLANS**

- 0100 GENERAL NOTES
- 0101 CONCRETE WALL OR COLUMN LINE
- 0102 CONCRETE WALL OR COLUMN LINE
- 0103 VENEER MACHINE (V.M.)
- 0104 CHANGE WORKING (C.W.)
- 0105 NEW CONCRETE SLAB ON GROUND
- 0106 NEW CONCRETE SLAB ON GROUND
- 0107 NEW CONCRETE SLAB ON GROUND
- 0108 NEW CONCRETE SLAB ON GROUND
- 0109 NEW CONCRETE SLAB ON GROUND
- 0110 NEW CONCRETE SLAB ON GROUND
- 0111 NEW CONCRETE SLAB ON GROUND
- 0112 NEW CONCRETE SLAB ON GROUND
- 0113 NEW CONCRETE SLAB ON GROUND
- 0114 NEW CONCRETE SLAB ON GROUND
- 0115 NEW CONCRETE SLAB ON GROUND
- 0116 NEW CONCRETE SLAB ON GROUND
- 0117 NEW CONCRETE SLAB ON GROUND
- 0118 NEW CONCRETE SLAB ON GROUND
- 0119 NEW CONCRETE SLAB ON GROUND
- 0120 NEW CONCRETE SLAB ON GROUND
- 0121 NEW CONCRETE SLAB ON GROUND
- 0122 NEW CONCRETE SLAB ON GROUND
- 0123 NEW CONCRETE SLAB ON GROUND
- 0124 NEW CONCRETE SLAB ON GROUND
- 0125 NEW CONCRETE SLAB ON GROUND
- 0126 NEW CONCRETE SLAB ON GROUND
- 0127 NEW CONCRETE SLAB ON GROUND
- 0128 NEW CONCRETE SLAB ON GROUND
- 0129 NEW CONCRETE SLAB ON GROUND
- 0130 NEW CONCRETE SLAB ON GROUND
- 0131 NEW CONCRETE SLAB ON GROUND
- 0132 NEW CONCRETE SLAB ON GROUND
- 0133 NEW CONCRETE SLAB ON GROUND
- 0134 NEW CONCRETE SLAB ON GROUND
- 0135 NEW CONCRETE SLAB ON GROUND
- 0136 NEW CONCRETE SLAB ON GROUND
- 0137 NEW CONCRETE SLAB ON GROUND
- 0138 NEW CONCRETE SLAB ON GROUND
- 0139 NEW CONCRETE SLAB ON GROUND
- 0140 NEW CONCRETE SLAB ON GROUND
- 0141 NEW CONCRETE SLAB ON GROUND
- 0142 NEW CONCRETE SLAB ON GROUND
- 0143 NEW CONCRETE SLAB ON GROUND
- 0144 NEW CONCRETE SLAB ON GROUND
- 0145 NEW CONCRETE SLAB ON GROUND
- 0146 NEW CONCRETE SLAB ON GROUND
- 0147 NEW CONCRETE SLAB ON GROUND
- 0148 NEW CONCRETE SLAB ON GROUND
- 0149 NEW CONCRETE SLAB ON GROUND
- 0150 NEW CONCRETE SLAB ON GROUND
- 0151 NEW CONCRETE SLAB ON GROUND
- 0152 NEW CONCRETE SLAB ON GROUND
- 0153 NEW CONCRETE SLAB ON GROUND
- 0154 NEW CONCRETE SLAB ON GROUND
- 0155 NEW CONCRETE SLAB ON GROUND
- 0156 NEW CONCRETE SLAB ON GROUND
- 0157 NEW CONCRETE SLAB ON GROUND
- 0158 NEW CONCRETE SLAB ON GROUND
- 0159 NEW CONCRETE SLAB ON GROUND
- 0160 NEW CONCRETE SLAB ON GROUND
- 0161 NEW CONCRETE SLAB ON GROUND
- 0162 NEW CONCRETE SLAB ON GROUND
- 0163 NEW CONCRETE SLAB ON GROUND
- 0164 NEW CONCRETE SLAB ON GROUND
- 0165 NEW CONCRETE SLAB ON GROUND
- 0166 NEW CONCRETE SLAB ON GROUND
- 0167 NEW CONCRETE SLAB ON GROUND
- 0168 NEW CONCRETE SLAB ON GROUND
- 0169 NEW CONCRETE SLAB ON GROUND
- 0170 NEW CONCRETE SLAB ON GROUND
- 0171 NEW CONCRETE SLAB ON GROUND
- 0172 NEW CONCRETE SLAB ON GROUND
- 0173 NEW CONCRETE SLAB ON GROUND
- 0174 NEW CONCRETE SLAB ON GROUND
- 0175 NEW CONCRETE SLAB ON GROUND
- 0176 NEW CONCRETE SLAB ON GROUND
- 0177 NEW CONCRETE SLAB ON GROUND
- 0178 NEW CONCRETE SLAB ON GROUND
- 0179 NEW CONCRETE SLAB ON GROUND
- 0180 NEW CONCRETE SLAB ON GROUND
- 0181 NEW CONCRETE SLAB ON GROUND
- 0182 NEW CONCRETE SLAB ON GROUND
- 0183 NEW CONCRETE SLAB ON GROUND
- 0184 NEW CONCRETE SLAB ON GROUND
- 0185 NEW CONCRETE SLAB ON GROUND
- 0186 NEW CONCRETE SLAB ON GROUND
- 0187 NEW CONCRETE SLAB ON GROUND
- 0188 NEW CONCRETE SLAB ON GROUND
- 0189 NEW CONCRETE SLAB ON GROUND
- 0190 NEW CONCRETE SLAB ON GROUND
- 0191 NEW CONCRETE SLAB ON GROUND
- 0192 NEW CONCRETE SLAB ON GROUND
- 0193 NEW CONCRETE SLAB ON GROUND
- 0194 NEW CONCRETE SLAB ON GROUND
- 0195 NEW CONCRETE SLAB ON GROUND
- 0196 NEW CONCRETE SLAB ON GROUND
- 0197 NEW CONCRETE SLAB ON GROUND
- 0198 NEW CONCRETE SLAB ON GROUND
- 0199 NEW CONCRETE SLAB ON GROUND
- 0200 NEW CONCRETE SLAB ON GROUND



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

**BLUMBERG HALL RENOVATION**  
 Indiana State University  
 Terre Haute, IN

Architect: Landmark Architects  
 300 North The Street  
 Terre Haute, IN 47787-0001  
 812.337.4232

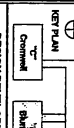
Architect: Landmark Architects  
 RAYD ARCHITECTS, INC.  
 1000 North The Street  
 Terre Haute, IN 47787-0001  
 812.337.4232

Structural Engineer:  
 Frank, Roberts, and Perle  
 1000 North The Street  
 Terre Haute, IN 47787-0001  
 812.337.4232

Mechanical/Electrical/Plumbing Engineer:  
 The Clark Group of Associates, Inc.  
 220 North Chestnut Street  
 Terre Haute, IN 47787-0001  
 812.337.4232

Construction Manager:  
 Clark Construction, Inc.  
 400 Parkside Plaza, Suite 4  
 Terre Haute, IN 47787-0001  
 812.337.4232

General Contractor:  
 The Clark Group of Associates, Inc.  
 220 North Chestnut Street  
 Terre Haute, IN 47787-0001  
 812.337.4232



DESIGN DEVELOPMENT  
 DECEMBER 5, 2014

REVISIONS

DESIGNED BY: [Signature]  
 APPROVED BY: [Signature]

PROJECT NO.: 11111.001  
 RATIO: 1/8" = 1'-0"

SHEET TITLE: MEZZANINE FLOOR PLAN BLUMBERG BUILDING

SHEET NUMBER: A-101Md

**KEYNOTES - FLOOR PLANS**

- 0100 ORIGINAL LIGHT
- 0110 REPAIR/REPLACE EXISTING LIGHT
- 0120 REPAIR/REPLACE EXISTING LIGHT
- 0130 REPAIR/REPLACE EXISTING LIGHT
- 0140 REPAIR/REPLACE EXISTING LIGHT
- 0150 REPAIR/REPLACE EXISTING LIGHT
- 0160 REPAIR/REPLACE EXISTING LIGHT
- 0170 REPAIR/REPLACE EXISTING LIGHT
- 0180 REPAIR/REPLACE EXISTING LIGHT
- 0190 REPAIR/REPLACE EXISTING LIGHT
- 0200 REPAIR/REPLACE EXISTING LIGHT
- 0210 REPAIR/REPLACE EXISTING LIGHT
- 0220 REPAIR/REPLACE EXISTING LIGHT
- 0230 REPAIR/REPLACE EXISTING LIGHT
- 0240 REPAIR/REPLACE EXISTING LIGHT
- 0250 REPAIR/REPLACE EXISTING LIGHT
- 0260 REPAIR/REPLACE EXISTING LIGHT
- 0270 REPAIR/REPLACE EXISTING LIGHT
- 0280 REPAIR/REPLACE EXISTING LIGHT
- 0290 REPAIR/REPLACE EXISTING LIGHT
- 0300 REPAIR/REPLACE EXISTING LIGHT
- 0310 REPAIR/REPLACE EXISTING LIGHT
- 0320 REPAIR/REPLACE EXISTING LIGHT
- 0330 REPAIR/REPLACE EXISTING LIGHT
- 0340 REPAIR/REPLACE EXISTING LIGHT
- 0350 REPAIR/REPLACE EXISTING LIGHT
- 0360 REPAIR/REPLACE EXISTING LIGHT
- 0370 REPAIR/REPLACE EXISTING LIGHT
- 0380 REPAIR/REPLACE EXISTING LIGHT
- 0390 REPAIR/REPLACE EXISTING LIGHT
- 0400 REPAIR/REPLACE EXISTING LIGHT
- 0410 REPAIR/REPLACE EXISTING LIGHT
- 0420 REPAIR/REPLACE EXISTING LIGHT
- 0430 REPAIR/REPLACE EXISTING LIGHT
- 0440 REPAIR/REPLACE EXISTING LIGHT
- 0450 REPAIR/REPLACE EXISTING LIGHT
- 0460 REPAIR/REPLACE EXISTING LIGHT
- 0470 REPAIR/REPLACE EXISTING LIGHT
- 0480 REPAIR/REPLACE EXISTING LIGHT
- 0490 REPAIR/REPLACE EXISTING LIGHT
- 0500 REPAIR/REPLACE EXISTING LIGHT
- 0510 REPAIR/REPLACE EXISTING LIGHT
- 0520 REPAIR/REPLACE EXISTING LIGHT
- 0530 REPAIR/REPLACE EXISTING LIGHT
- 0540 REPAIR/REPLACE EXISTING LIGHT
- 0550 REPAIR/REPLACE EXISTING LIGHT
- 0560 REPAIR/REPLACE EXISTING LIGHT
- 0570 REPAIR/REPLACE EXISTING LIGHT
- 0580 REPAIR/REPLACE EXISTING LIGHT
- 0590 REPAIR/REPLACE EXISTING LIGHT
- 0600 REPAIR/REPLACE EXISTING LIGHT
- 0610 REPAIR/REPLACE EXISTING LIGHT
- 0620 REPAIR/REPLACE EXISTING LIGHT
- 0630 REPAIR/REPLACE EXISTING LIGHT
- 0640 REPAIR/REPLACE EXISTING LIGHT
- 0650 REPAIR/REPLACE EXISTING LIGHT
- 0660 REPAIR/REPLACE EXISTING LIGHT
- 0670 REPAIR/REPLACE EXISTING LIGHT
- 0680 REPAIR/REPLACE EXISTING LIGHT
- 0690 REPAIR/REPLACE EXISTING LIGHT
- 0700 REPAIR/REPLACE EXISTING LIGHT
- 0710 REPAIR/REPLACE EXISTING LIGHT
- 0720 REPAIR/REPLACE EXISTING LIGHT
- 0730 REPAIR/REPLACE EXISTING LIGHT
- 0740 REPAIR/REPLACE EXISTING LIGHT
- 0750 REPAIR/REPLACE EXISTING LIGHT
- 0760 REPAIR/REPLACE EXISTING LIGHT
- 0770 REPAIR/REPLACE EXISTING LIGHT
- 0780 REPAIR/REPLACE EXISTING LIGHT
- 0790 REPAIR/REPLACE EXISTING LIGHT
- 0800 REPAIR/REPLACE EXISTING LIGHT
- 0810 REPAIR/REPLACE EXISTING LIGHT
- 0820 REPAIR/REPLACE EXISTING LIGHT
- 0830 REPAIR/REPLACE EXISTING LIGHT
- 0840 REPAIR/REPLACE EXISTING LIGHT
- 0850 REPAIR/REPLACE EXISTING LIGHT
- 0860 REPAIR/REPLACE EXISTING LIGHT
- 0870 REPAIR/REPLACE EXISTING LIGHT
- 0880 REPAIR/REPLACE EXISTING LIGHT
- 0890 REPAIR/REPLACE EXISTING LIGHT
- 0900 REPAIR/REPLACE EXISTING LIGHT
- 0910 REPAIR/REPLACE EXISTING LIGHT
- 0920 REPAIR/REPLACE EXISTING LIGHT
- 0930 REPAIR/REPLACE EXISTING LIGHT
- 0940 REPAIR/REPLACE EXISTING LIGHT
- 0950 REPAIR/REPLACE EXISTING LIGHT
- 0960 REPAIR/REPLACE EXISTING LIGHT
- 0970 REPAIR/REPLACE EXISTING LIGHT
- 0980 REPAIR/REPLACE EXISTING LIGHT
- 0990 REPAIR/REPLACE EXISTING LIGHT
- 1000 REPAIR/REPLACE EXISTING LIGHT

**BLUMBERG HALL RENOVATION**  
Indiana State University  
Terre Haute, IN

Owner:  
**INDIANA STATE UNIVERSITY**  
1000 University Blvd.  
Terre Haute, IN 47799-1002  
(812) 877-6826

Architect / Landscape Architect:  
**BATTO ARCHITECTS, P.C.**  
1000 University Blvd.  
Terre Haute, IN 47799-1002  
(812) 877-6826

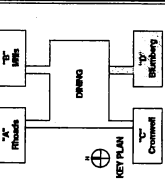
Structural Engineer:  
**DR. JAMES W. HARRIS**  
4400 Indiana Circle  
Terre Haute, IN 47799-1002  
(812) 877-6826

Mechanical / Electrical Engineer:  
**TRC CONSULTANTS**  
722 North Capital Avenue  
Terre Haute, IN 47799-1002  
(812) 877-6826

Code Consultant:  
**TRC CONSULTANTS**  
722 North Capital Avenue  
Terre Haute, IN 47799-1002  
(812) 877-6826

Interior Design:  
**TRC CONSULTANTS**  
722 North Capital Avenue  
Terre Haute, IN 47799-1002  
(812) 877-6826

Construction Manager:  
**TRC CONSULTANTS**  
722 North Capital Avenue  
Terre Haute, IN 47799-1002  
(812) 877-6826



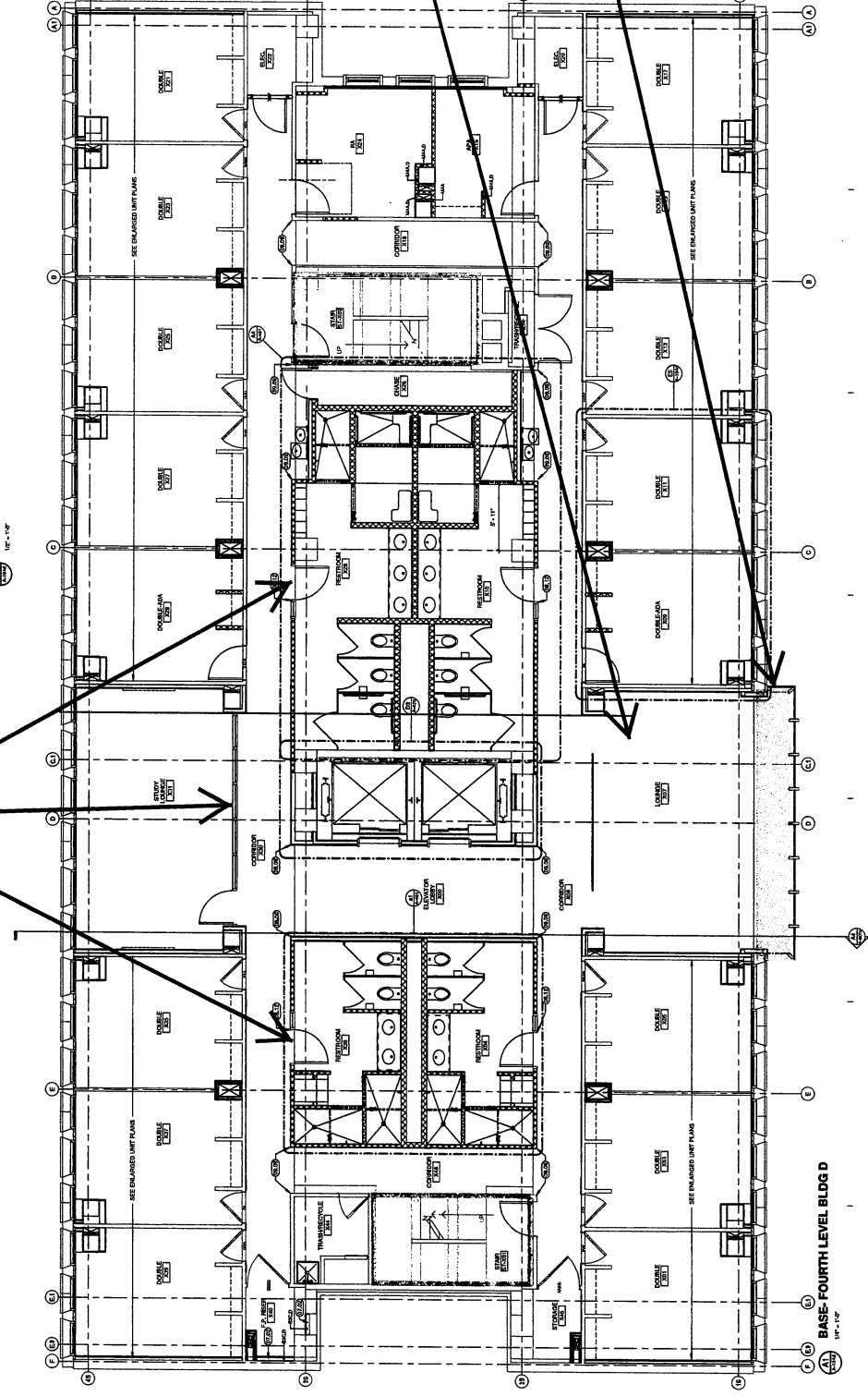
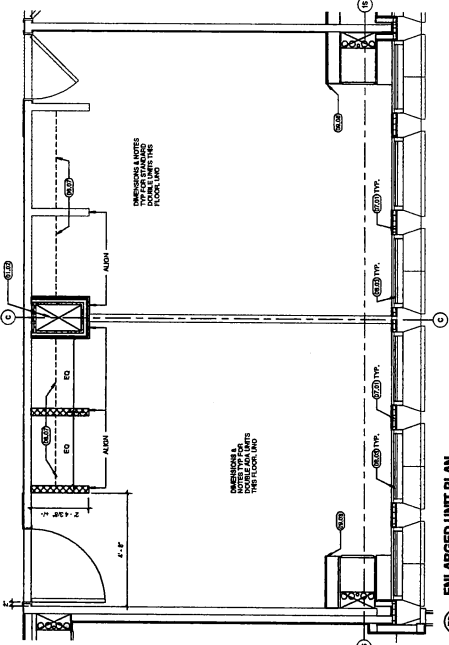
DESIGN DEVELOPMENT  
DECEMBER 5, 2014  
REVISIONS

CHECKED BY:  
APPROVED BY:  
PROJECT NO.:  
11111.001

RATIO  
TYPICAL 2ND-6TH & 8TH-12TH FLOOR  
PLAN BLUMBERG BUILDING  
SHEET NUMBER  
A-104d

**KEYNOTES - FLOOR PLANS**

- 1.01 CONTINUED ON COLUMN LINE
- 1.02 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.03 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.04 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.05 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.06 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.07 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.08 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.09 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.10 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.11 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.12 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.13 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.14 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.15 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.16 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.17 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.18 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.19 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.20 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.21 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.22 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.23 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.24 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.25 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.26 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.27 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.28 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.29 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.30 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.31 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.32 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.33 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.34 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.35 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.36 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.37 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.38 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.39 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.40 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.41 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.42 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.43 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.44 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.45 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.46 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.47 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.48 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.49 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.50 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.51 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.52 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.53 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.54 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.55 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.56 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.57 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.58 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.59 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.60 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.61 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.62 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.63 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.64 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.65 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.66 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.67 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.68 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.69 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.70 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.71 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.72 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.73 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.74 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.75 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.76 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.77 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.78 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.79 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.80 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.81 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.82 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.83 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.84 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.85 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.86 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.87 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.88 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.89 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.90 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.91 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.92 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.93 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.94 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.95 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.96 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.97 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.98 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 1.99 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING
- 2.00 REMOVE EXISTING PARTITION WALLS AND/OR HANGING CEILING



Nonrated sprinklered openings to corridor (typical)

Lounge open to corridor

Bump-out Addition

BASE-FOURTH LEVEL BLDG D  
1/4\"/>

