Sven Erik Alstrom AIA

ECOLOGICAL ARCHITECTURE P.A.

842 West 21st Street

Lawrence, Kansas 66046

....

tel. 785 749 1018

FL CHIVED

SEP 14 2011

City County Planning Office Lawrence, Kansas

September 14, 2011

1043 Indiana Varsity House

Dear HRC Commissioners and staff,

This letter is to request that you deny the current application to move this historic house.

Please remember that you are required to support the six criteria of an environs review.

The following apply to this project.

Standard 1 of an environs review requires that the character of a historic property's environs should be retained and preserved. The removal or alteration of distinctive buildings.....that characterize the environs should be avoided. Moving this building significantly changes its historic relationship in this case where it has been located.

Standard 2 of an environs review states, "The environs of a property should be used as it has been historically or allow the inclusion of new uses that require minimal change to the environs'....., and spatial relationships. Completing relocation the historic building to a new location completely and profoundly affects this standard of review.

Standard 6 The proposed new building is not appropriate with regard to scale and proportion, and massing of the environs as it required by Standard 6.

Please vote unanimously to require that applications meet all 6 of the standards for environs review.

Sincerely,

Sven Erik Alstrom

Former HRC Commissioner 2004 - 2007, former member of AIA Kansas City Historic Resources, former member of AIA Colorado Historic Resources, former member of City of Aspen, Colorado Historic Preservation Committee, Licensed Architect in CA,CO,KS,MO,NC, and New Mexico. Lifetime and former Board Member of Lawrence Preservation Alliance.

# RECEIVED

JUL 12 2011

# Lawrence Preservation Alliance

City County Planning Office Lawrence, Kansas

P.O. BOX 1073 • LAWRENCE, KANSAS 66044

# RECEIVED

JUL 12 2011

City County Planning Office Lawrence, Kansas

ANDRÉ BOLLAERT VICE-PRESIDENT

DENNIS BROWN PRESIDENT

**BRENNA BUCHANAN** 

JOSH DAVIS

VIRGIL DEAN

KATE DINNEEN

ERNIE ECK
CO-TREASURER

MIKE GOANS

JONI HERNLY

PAT KEHDE SECRETARY

ANNE MARVIN

**CHRIS MILLSPAUGH** 

**DALE NIMZ** 

MICHAEL SHAW

DALE SLUSSER CO-TREASURER

MARY LYNN STUART

REV. VERDELL TAYLOR JR.

**CAROL VON TERSCH** 

DENNIS DOMER EMERITUS

MARCI FRANCISCO EMERITUS

July 10, 2011 Varsity House, 1043 Indiana 1000 block of Indiana

While declining comment on the density level in this infill proposal, the Lawrence Preservation Alliance does wish to emphasize that the applicant's density goals can be met while leaving the Varsity House, a listable structure, in place, and in such a way that the proposal could pass Certified Local Government Review using the Standards and Guidelines for Evaluating the Effect of Projects on Environs.

We believe that for this project to pass environs review, it is necessary to rehabilitate the Varsity House and utilize it as a unique identifying component of the overall project. Doing this will encourage the creation of a design that meets three other basic environs goals: acknowledging residential construction on the building's Indiana (front), façade, referencing a single structure on single lot development pattern on Indiana, and employing the use of green space between each building component on the front façade. Meeting these basic design goals will ensure the project's compatibility with the environs of the Oread Neighborhood National Historic District.

Materials are also central to the discussion of whether the project as proposed meets the guidelines. Wood, as found in many area residential structures, could be appropriate, but modern materials could be as well. Stone, or stone veneer, while historic-looking, should be considered inappropriate as a predominant building component because in this historic area stone is mostly found as a foundation material only.

Our submittal shows that there is at least one feasible and prudent design alternative that keeps the Varsity House in place and meets the other basic design goals necessary to pass environs review. While we have outlined one alternative, we believe others to be possible.

We also note that the proposal to move the Varsity House would not only damage the environs, but the cost of the move itself, as well as the loss of substantial tax credits, would add considerable expense to what is obviously already an expensive project.

Regarding cost, we have also worked with Hernly Associates, a Lawrence architectural and environmental consulting firm, to develop a cost analysis for a sensitive rehabilitation of the Varsity House that is far more accurate than an analysis submitted by the applicant to the City in October 2010. This analysis was derived from using the reference RS Means Sq.Ft. Costs, augmented by recent work Hernly has been involved with similar to the Varsity House, such as foundation repair, staircase installation, and a spreadsheet of actual expenses at St.



Luke AME Church in Lawrence. The primary contractor for the St Luke AME project, Wilcott Construction, has also independently provided a preliminary estimate for the cost of rehabilitation work that is less than the total estimated by Hernly Associates.

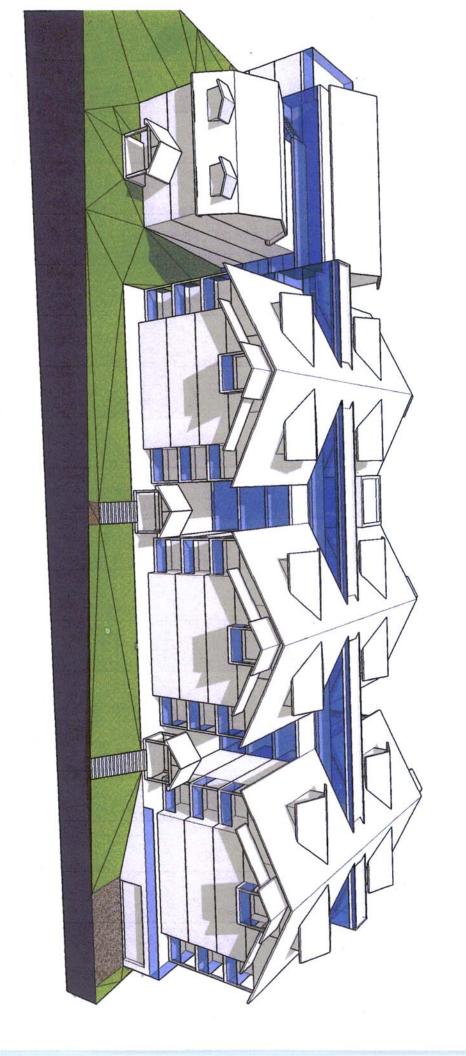
We remind the members of the Lawrence Historic Resources Commission that your sole task in reviewing this application is to determine if the APPLICANT'S proposed project will damage or encroach upon the environs of the Historic District. To do that, you must determine how the standards and guidelines apply to the APPLICANT'S proposal.

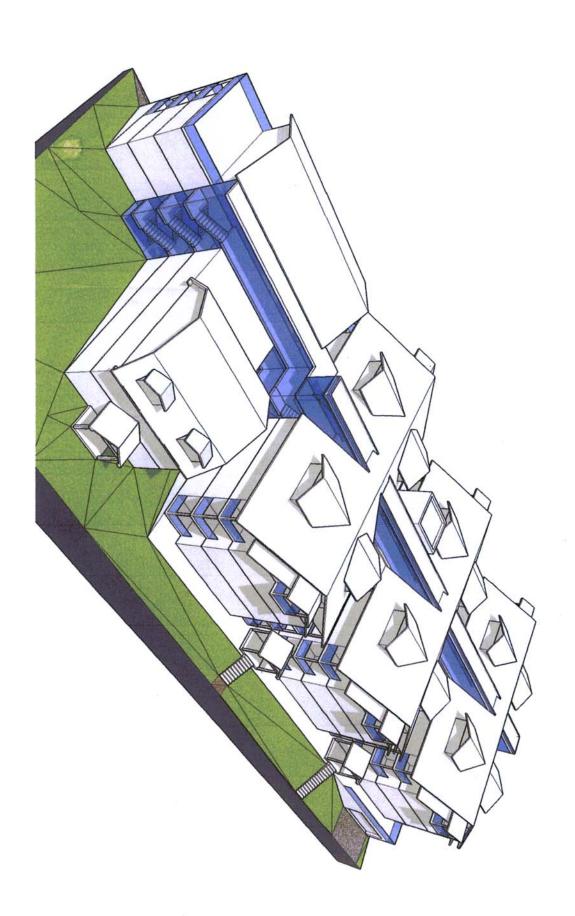
This submission by LPA is only meant to encourage members of the commission that, if you don't think the applicant's proposal meets the intent of the standards and guidelines, there are other design alternatives that will.

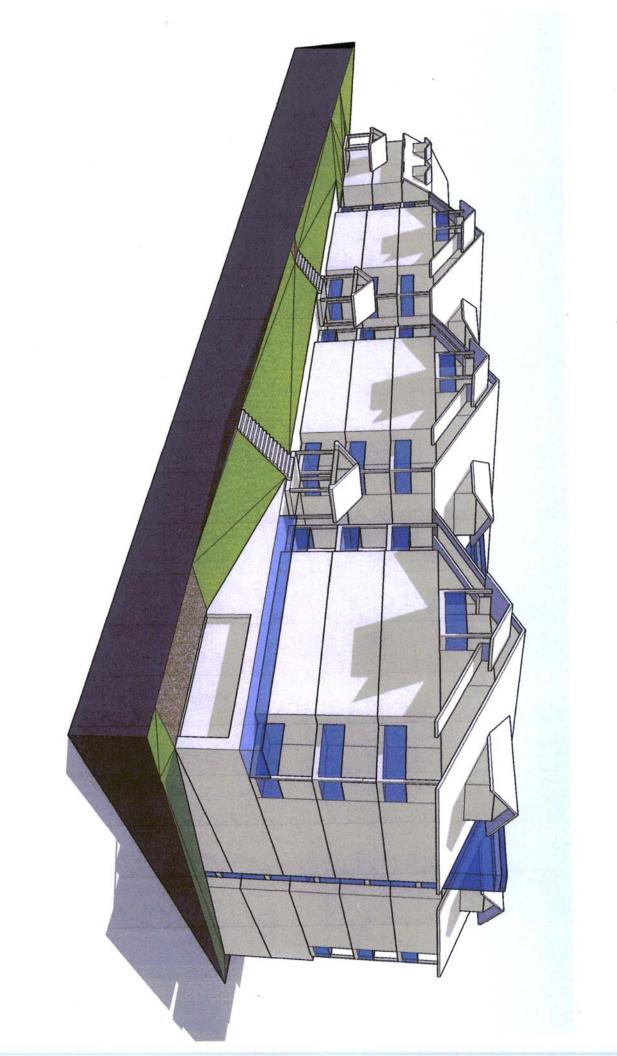
Sincerely,

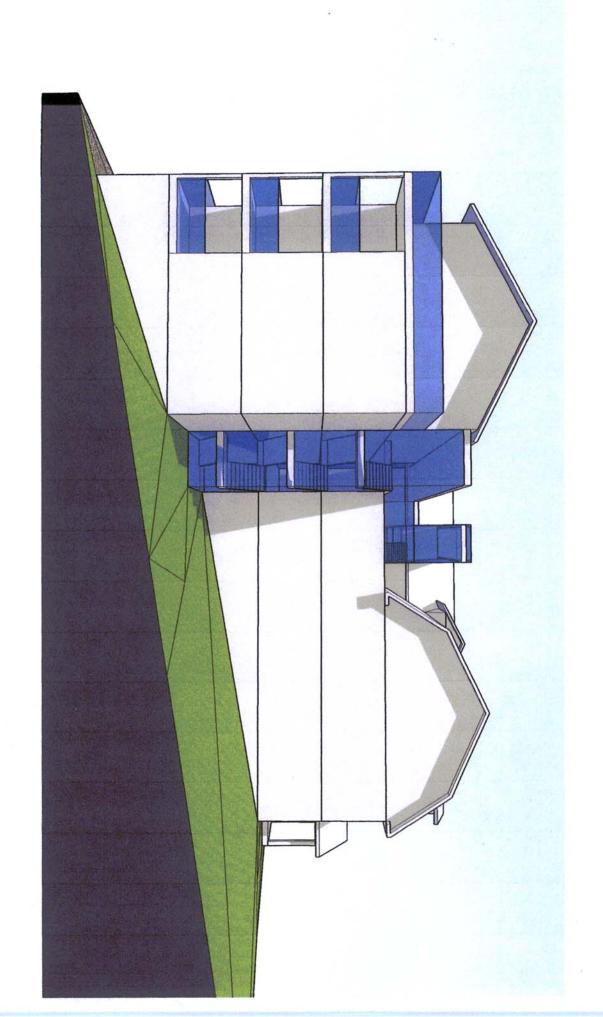
Dennis J Brown

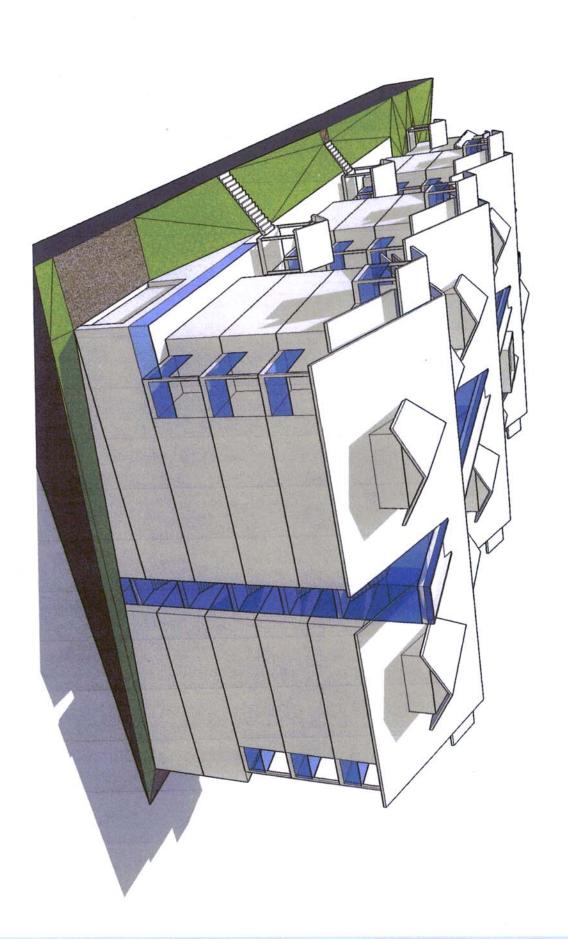
President

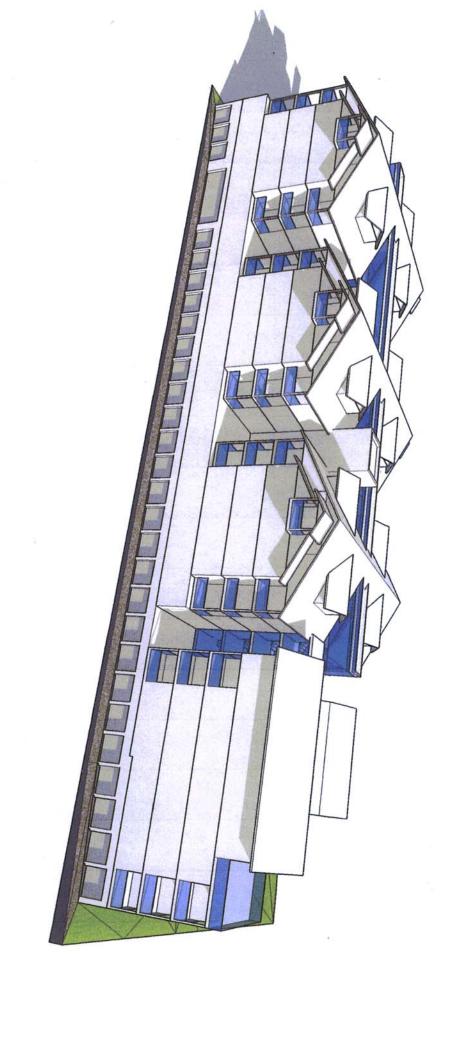


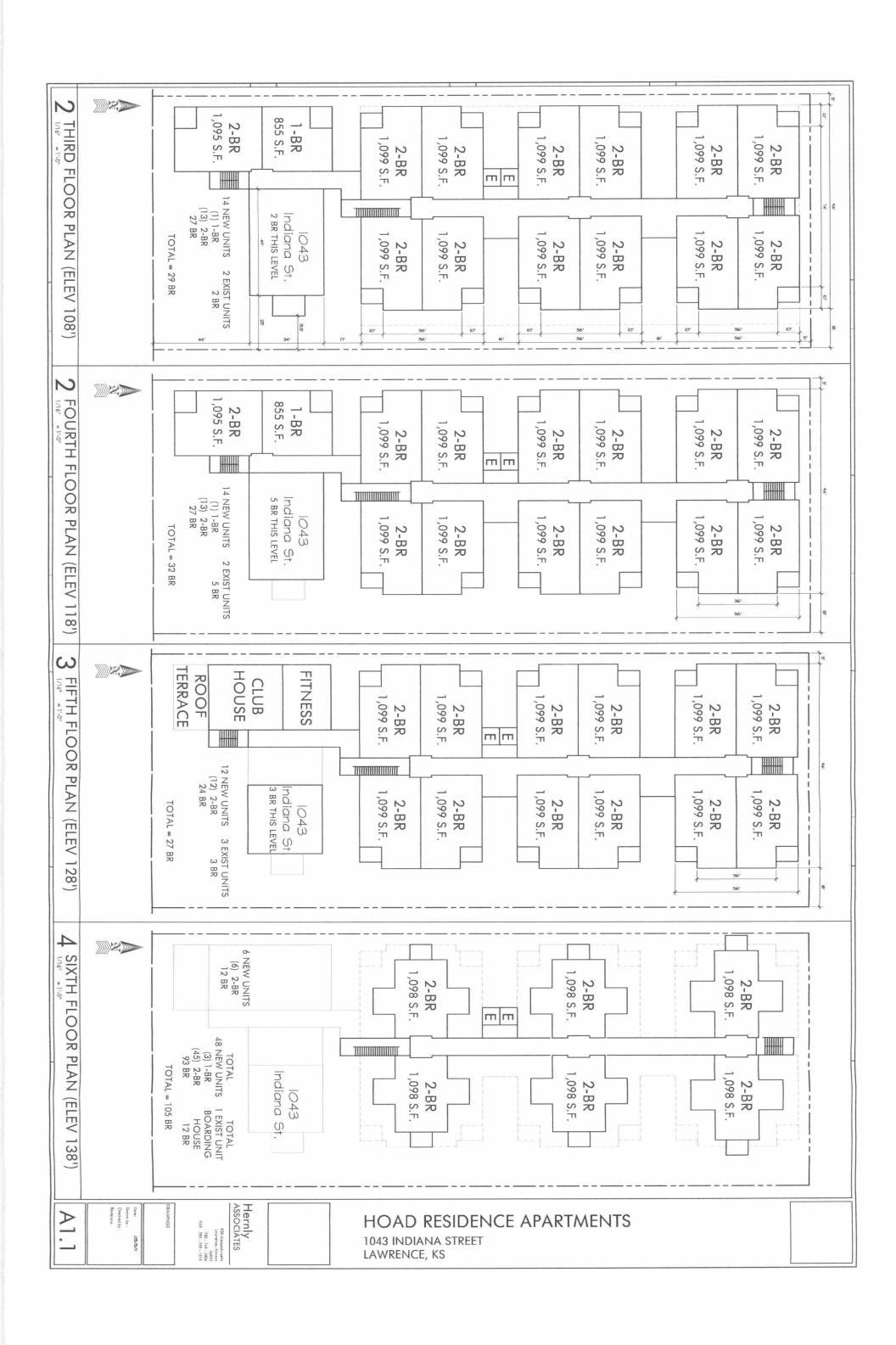


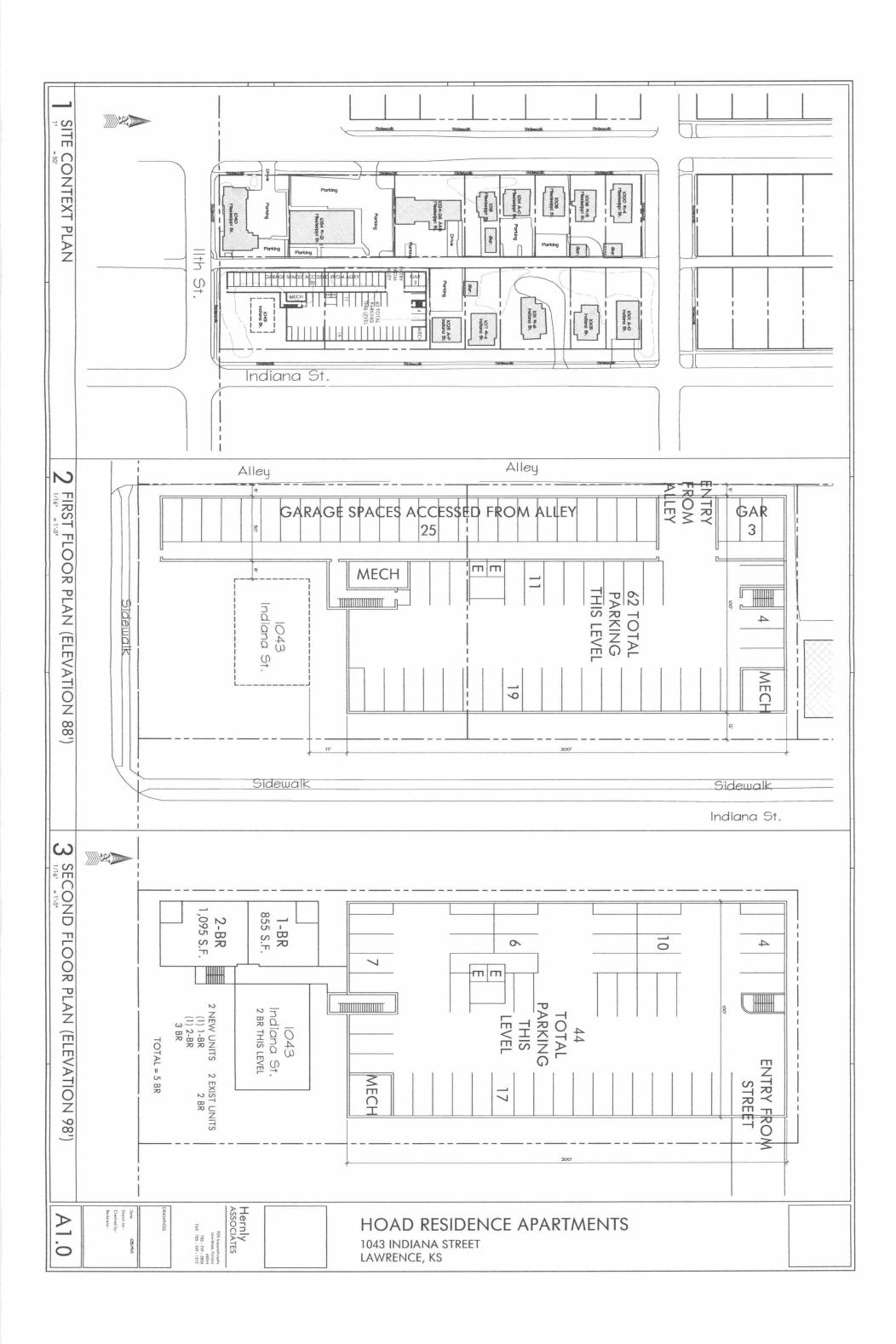












# WILCOTT CONSTRUCTION, INC.

July 11, 2011

Stan Hernly Hernly associates, Inc. 920 Massachusetts Street Lawrence, Kansas 66044

Re: Probable Restoration Construction Costs
William Christian Hoad Residence
1043 Indiana Street
Lawrence, Kansas

Dear Stan:

Based on the following quantity assumptions, our estimate of probable restoration construction costs, as of June 30, 2011, is \$886,300.

3 <sup>rd</sup> Floor Area	1,220 SF
2 <sup>nd</sup> Floor Area	1,820 SF
1 <sup>st</sup> Floor Area	1,820 SF
Basement Floor Area (Finished)	1,000 SF
Basement Floor Area (Unfinished)	570 SF
Total Building Area	6,430 SF
Roof Area (Shingles)	2,560 SF
Roof Area (Low Slope)	425 SF
Foundation Wall Area, Stone	1,400 SF
Existing Wall Area, Shingle Siding	4,250 SF

Please note that recent events, i.e. the tornado in Joplin and Missouri River flooding, are causing inflationary and demand related price increases to construction materials. As these price increases are beyond our control, we reserve the right to adjust our pricing when a final scope of work and funds become available.

Thank you for an opportunity to review this project with you and your firm.

Sincerely,

Mike Wilkins President

Direct 816-595-1029 Cell 816-392-9752

mwilkins@wilcottconstruction.com

1043 Indiana Street House Lawrence, Kansas

### Scope of Work

### Basement and Foundation

- Install drilled piers along west foundation.
- Replace slab on grade including approximately 25%.
- Excavate basement to enable foundation repairs to include waterproofing.
- Clean and tuck-point stone basement foundation walls.
- Install membrane waterproofing and French drain to include sump pump to control foundation and basement drainage.

# **Building Exterior**

- Construct new fire escape.
- Structural repairs at west corner to include stone and exterior finish repairs.
- Restore and replace wood shingle siding, to include cleaning and staining.
   Anticipate approximately 20% replacement.
- Restore approximately 300 lf of soffit.
- Restore 60 existing windows with the addition of storm screens.
- Restore 5 exterior doors.
- Install R-11 insulation into stud wall cavaties.
- Install R-38 insulation into roof joist spaces.
- Remove and replace roof shingles with 30 year asphalt shingles system with necessary flashings. Low sloped roof to receive single-ply roofing system.
- Remove and replace gutter and downspouts with new metal system, to include underground PVC leaders to daylight at rear of property.

#### **Building Interior**

- Remove wallboard, casing, base, paneling, flooring, etc. to enable completion of MEP upgrades.
- Asbestos removal allowance of \$5,000.
- New stud wall framing per floor plan supplied by Hernly Associates, Inc.
- Install new interior doors per floor plan supplied by Hernly Associates, Inc.
- Bring staircase up to UBC standards.
- Complete wallboard with Level 5 finish per floor plan supplied by Hernly Associates, Inc.
- Complete floor finishes with 50% carpet and 50% ceramic in basement with 90% refinished wood and 10% ceramic on Floors 1, 2 and 3.
- Restore wood trims.
- Provide and install casework per floor plan supplied by Hernly Associates, Inc.

HVAC, Plumbing and Electrical

- Heating and cooling to include Split System with gas furnace & AC coil and aircooled condensing unit.
- Kitchen, bath and service plumbing fixtures.
- Supply lines to be copper with PVC vent and waste.
- Gas fired water heater.
- Wet pipe fire sprinkler system.
- New 600 amp electrical service with new panel boards and feeders.
- New electrical fixtures, emergency lighting, switches and receptacles.
- Electrical connections for HVAC and misc. power.
- Alarm system.

# **Furnishings**

Refrigerator, range, microwave with fan, dishwasher, washer and dryer.

	n Christian Hoad Res								
1043 li	ndiana Street - Lawre	ence, KS				o de la constante de la consta		and the second second	
2mh ah	la Caste aglaulated for	CHANTETY ASSUMEDIONS							
	le Costs calculated for el and restoration of	QUANTITY ASSUMPTIONS  3rd Floor Area	1,220	S.F.					
	building with partially	2nd Floor Area	1,820	S.F.					
	basement.	1st Floor Area	1,820	S.F.					
		Basement Floor Area - Finished	1,000	S.F.					
		Bsmt Floor Area - Unfinished	570	S.F.					
		Total Building Area	6,430	S.F.					
		Roof Area - shingles	2,560	S.F.					
		Roof Area - low-slope	425	S.F.					
		Foundation Wall Area - Stone Ext Wall Area - Shingle Siding	1,400 4,250	S.F.					
		En war wed or migle daining	Unit	Unit Cost	Cost Per S.F.	Line Item Sub-total	GC Markup	Contingent	Line Iten
SURS	TRUCTURE				1 61 3.1.	300-10101	25%	10%	Total
		Install drilled pier footings @ west					2200		
	Footings	basement wall	6	3,000.00		18,000.00	4,500.00	1-300,000,000	24,750
1020	Slab on Grade	Replace 25% @ 200% cost	S.F. Slab	5.00	0.39	2,500.00	625.00	312.50	3,437
2010	Basement Excavation	For foundation repairs & waterproofing	S.F. Gmd	1.00	0.16	1,000.00	250.00	125.00	1,375
2020	Basement Walls	Clean & point stone	S.F. Wall	5.00	1.09	7,000.00	1,750.00	875.00	9,625
	Drainage & Waterproofing	Membrane waterproofing & drainage composite below grade	700	15.00	1.63	10,500.00	2,625.00	1,312.50	14,437
2060	Subgrade Drainage	Provide interior sump pump	1	1,500.00	0.23	1,500.00	375.00	187.50	2,062
. SHEL									
ca50200	B10 Superstructure			1 4 000 00	0.71	54 000 00	1 4 000 00	7,000,00	77.000
	Stair Construction	Construct new 4 story fire escape  Lift, shim, & veneer stone finish west	4	14,000.00		56,000.00	14,000.00		77,000
	Floor Construction	portion	Allow	10,000.00	1.56	10,000.00	2,500.00	1,250.00	13,750
	B20 Exterior Enclosure								
2010	Exterior Walls - Siding	Restore wood shingle siding - est. 20% replace	S.F. Wall	10.00	1.32	8,500.00	2,125.00	1,062.50	11,687
	Exterior Walls - Stain	Clean & stain siding	S.F. Wall	3.00	1.98	12,750.00	3,187.50	1,593.75	17,531
2020	Soffits	Restore existing soffits 300 s.f.	300	30.00	1.40	9,000.00	2,250.00	1,125.00	12,375
2030	Exterior Windows	South - restore double hung	18	800.00		14,400.00	3,600.00	The second secon	19,800
		East - restore double hung	10	800.00		8,000.00	2,000.00		11,000
		West - restore double hung	17	800.00		13,600.00	3,400.00	1,700.00	18,700
		North - restore double hung	15	800.00	1.87	12,000.00	3,000.00	1,500.00	16,500
2040	Storm Windows	South - provide aluminum storm/screens	18	300.00	0.84	5,400.00	1,350.00	675.00	7,425
		East - provide aluminum storm/screens	10	300.00	0.47	3,000.00	750.00	375.00	4,125
		West - provide aluminum storm/screens	17	300.00	0.79	5,100.00	1,275.00	637.50	7,012
		North - provide aluminum	15	300.00	0.70	4,500.00	1,125.00	562.50	6,187
2050	Exterior Doors	storm/screens Restore	5	1,500.00	1.17	7,500.00	1,875.00	937.50	10,312
	B30 Thermal & Moisture								
3010	Insulation - Walls	Install R-11 insulation in stud wall spaces	S.F. Wall	2.50	1.65	10,625.00	2,656.25	1,328.13	14,609
	Insulation - Roof	Install R-38 insulation in joist spaces	S.F. Roof	2.25	1.04	6,716.25	1,679.06	839.53	9,234
3020	Roof Coverings	Demo asphalt shingles & install new 30 yr asphalt shingles and all req. flashings	S.F. Roof	3.00	1.19	7,680.00	1,920.00	960.00	10,560
		Demo low-slope roofing & install new single-ply roofing	S.F. Roof	6.00	0.40	2,550.00	637.50	318.75	3,506
3030	Gutters & Downspouts	Demo and replace metal gutters & downspouts	250	10.00	0.39	2,500.00	625.00	312.50	3,437
		Install buried PVC leaders to daylight - 200 L.F.	200	20.00	0.62	4,000.00	1,000.00	500.00	5,500
. INTE									
	C10 Demolition							C/2	
1010	Interior demolition	Demo building interior as needed for MEP upgrades, including disposal	S.F. Fir	5.00	5.00	32,150.00	8,037.50	4,018.75	44,206
1020	Asbestos	Demo asbestos	Allow	5,000.00	0.78	5,000.00	1,250.00	625.00	6,875
	C20 Construction								
2010	Partitions	New stud walls - 20 S.F. Floor/L.F. Partitions	S.F. Part	6.00	2.70	17,361.00	4,340.25	2,170.13	23,87

					Cost	Line Item			Line Item
			Unit	Unit Cost	Per S.F.	Sub-total	GC Markup	Contingent	Total
The second second	Interior Doors	100 S.F. Floor/Door	Each	400.00	4.00	25,720.00	6,430.00	3,215.00	35,365.00
2030	Stair Construction C30 Finishes	Modify guards/rails per code	4	3,000.00	1.87	12,000.00	3,000.00	1,500.00 0.00	16,500.00
3010	Wall Finishes	New GWB level 5 finish & paint - 10 S.F. Floor/L.F.	S.F. Part	2.50	2.25	14,467.50	3,616.88	1,808.44	19,892.81
3020	Floor Finishes - Bsmt	Bsmt Flr - 50% ceramic, 50% carpet	1,000	7.50	1.17	7,500.00	1,875.00	937.50	10,312.50
3021	Floor Finishes - 1st, 2nd, 3rd Flrs	1st Fir - 90% refinish wood	4,374	7.50	5.10	32,805.00	8,201.25	4,100.63	45,106.88
3022	Floor Finishes - 1st, 2nd, 3rd Flrs	1st Fir - 10% ceramic	486	10.00	0.76	4,860.00	1,215.00	607.50	6,682.50
3030	Ceiling Finishes	Patch plaster, level 5 finish & paint	S.F. Fir	4.50	4.50	28,935.00	7,233.75	3,616.88	39,785.63
3040	Trim Finishes	Restore interior trim	S.F. Flr	2.50	2.50	16,075.00	4,018.75	2,009.38	22,103.13
3050	Casework	Kitchen casework - 9 apartments	S.F. Fir	3.00	3.00	19,290.00	4,822.50	2,411.25	26,523.75
D. SERV			1000						
	D10 Conveying								
	Elevators & Lifts	N/A							
	D20 Plumbing								
	Plumbing Fixtures	Kitchen, bath & serv fixtures, w/ drainage - 1 Fixt/200 S.F.	Each	2,250.00	11.25	72,337.50	18,084.38	9,042.19	99,464.06
2020	Domestic Water Distribution	Copper water supply & gas fired water heater	S.F. Flr	3.50	3.50	22,505.00	5,626.25		30,944.38
	D30 HVAC							0.00	
3010	Heat Generating Systems	Split system w/ gas furnace & AC coil	S.F. Flr	6.00	6.00	38,580.00	9,645.00	4,822.50	53,047.50
3020	Cooling Generationg Systems	Split system w/ air cooled condensing unit	S.F. Fir	7.00	7.00	45,010.00	11,252.50	5,626.25	61,888.75
	D40 Fire Protection								
	Fire Sprinkler System D50 Electrical	Wet pipe sprinkler system	S.F. Flr	3.00	3.00	19,290.00	4,822.50	2,411.25	26,523.75
5010	Electrical Service/Distribution	new 600a service, panel board & feeders		2.50	2.50	16,075.00	4,018.75	2,009.38	22,103.13
	Lighting & Branch Wiring - Basement	Fixtures, receptacles, switches, A.C. & misc. power		6.50	6.50	41,795.00	10,448.75	5,224.38	57,468.13
201301	Communications & Security	Alarm systems & emergency lighting		1.25	1.25	8,037.50	2,009.38	1,004.69	11,051.56
E. EQUI	PMENT & FURNISHINGS	THE STREET	II.						
1010	Kitchen Equipment	Residential appliances - 9 apartments (range, frig, micro/fan, DW, W/D)	9	3,000.00	4.20	27,000.00	6,750.00	3,375.00	37,125.00
SUB-TOT	AL BUILDING		1		116.81	751,114.75	187,778.69	93,889.34	1,032,782.78
	D110 075110011				116.81				
	DING SITEWORK Earthwork	Backfill - 200 C.Y.	200	14.45	0.45	2,890.00	700 50	361.25	2 072 75
100000	Site utilities	Water, sewer, electric, gas	The state of the s	10,000.00		10,000.00	722.50 2,500.00		3,973.75 13,750.00
	Landscaping	Finish grade & seed - M.S.F.	795	5.00		3,975.00	993.75	496.88	5,465.63
SUB-TOT	AL SITE				2.62	16,865.00	4,216.25	2,108.13	23,189.38
SUB TOT	TAL CONSTRUCTION				110 44	747 070 75	101 004 04	05 007 47	1 05/ 000 00
	CONTRACTOR FEES	Assets as a part of the contract of			119.44	767,979.75	191,994.94	75,771.41	1,056,000.00
	(General Req: 10%, OH: 5%, Profit: 10%)			25%	29.86	191,994.94	-		
SUB-TOT	AL CONSTRUCTION W/ I	MARKUP			-	959,974.69			
	CONTINGENCY			10.00%	14.93	95,997.47			
	ROBABLE CONSTRUCTIO		-			1,056,000.00			
PERSONAL PROPERTY.	CHIEF CONTROL NOTICE CONTROL STREET, CONTROL C	Total Construction w/o Contingency	)	8.00%	11.94	76,797.98			
	PROBABLE COST W/ A/E I C PRESERVATION TAX CF		1		1/6.1/	1,132,797.98			
	Non-eligible Portion	Appliances & landscaping				42,590.63			
	Kansas Tax Credit	- Francis & Islandani g		25%		272,600.00			
	Federal Tax Credit			20%		218,000.00			
INCOMES BUILDINGS	Total Tax Credit					490,600.00			
OTAL P	ROBABLE <b>NET</b> CONSTRUC	CTION COST		STATE OF	99.88	642,200.00			



920 Massachusetts, Suite 2 Lawrence, KS 66044

November 5, 2010

Historic Resources Commissioners City of Lawrence, Kansas

Re: Proposed 1043 Indiana Street Demolition and New Construction DR-08-91-10.

As an architect practicing in Lawrence, I'm writing to provide additional information regarding the proposed demolition of the William Christian Hoad Residence (1043 Indiana Street) and construction of a new multi-dwelling project on the property. The following is divided between the two different components of the request, demolition and new construction.

#### **DEMOLITION**

#### **Environs of Oread Historic District**

The applicant for the project indicates "There isn't any historic structures within a line of sight due to the existing topography of the area". According to the "Standards and Guidelines of Evaluating the Effect of Projects on Environs", this is not the criterion for evaluating the effect of the project on the historic property. The Standards state that "The character of a historic property's environs should be retained and preserved. The removal or alteration of distinctive buildings, structures, landscape features, spatial relationships, etc. that characterize the environs should be avoided." This certainly is a distinctive building that has a significant spatial relationship characterizing the environs of the Historic District. As you travel west on Eleventh Street from the historic district you crest over Mt. Oread and the first visible building is the Hoad Residence; from the high point both the historic district and the Hoad Residence are visible. The last house you see in the Historic District is a Dutch Colonial Style, and the first house you see over the hill, the Hoad Residence, is also a Dutch Colonial Style. Demolition of the Hoad Residence would have a detrimental affect on the character of the environs of the Oread Historic District.

#### <u>Historical Significance of the Hoad Residence</u>

The Hoad Residence has been determined to be historically significant in its own right and has been determined by the Kansas State Historical Society as eligible to be listed on the State and National Registers of Historic Places. I have previously provided historical information about the house and the individuals associated with its construction including William Christian Hoad (Owner), Harriet Tanner (Developer), and John Constant (Contractor).

# **Condition of House**

The applicant states that the Hoad Residence is in terrible condition and supports this with their own inspection report and by a hired structural consultant's report. Having been involved in hundreds of residential rehabilitation projects and dozens of historic preservation projects, and having toured through the house, I can state that this representation is patently false. The only significant structural issue with the house is that the foundation of the west addition (circa 1918) has experienced differential settlement from the original 1908 portion of the house. The majority

of work required is with mechanical systems, thermal upgrading (storm windows and insulation), and finishes. The work on the house should be approached as a "restoration", maintaining as much of the original building fabric as possible. The applicant suggests that complete removal of interior and exterior finishes is necessary; this is not an accurate statement and is not the proper method of approach for a restoration project.

#### **Cost of Restoration**

The applicant estimates a cost of \$233/s.f. (without parking) for "renovation" of the house, stating that this figure is "based on previous five renovations"; there is no substantial support for this cost estimation. Based on detailed cost estimation spreadsheets we've completed for other historic preservation projects, I believe restoration of the house can be completed for around \$165/s.f. Utilizing 25% State and 20% Federal preservation tax credits, available for restoration of historic listed properties, the net cost would be approximately \$91/s.f., which is the same amount as the applicant's projected cost for the new construction.

#### NEW CONSTRUCTION

#### Owners of property

The proposed project encompasses six 50'x117' lots, three of which are owned by Triple T LLC (the applicant) and three of which are owned by the University of Kansas. According to the City Development Code, plan reviews can be initiated by "the Owner of the property that is the subject of the application", or "the Landowners' authorized Agent". Both owners of the property, or their authorized agent, must jointly initiate the plan review by the HRC; the University of Kansas must acknowledge their agreement with the application before it can be acted on by the HRC.

#### Zoning of property

Currently the subject property is zoned "U". It is anticipated the Owner will apply for rezoning to an RM-32 designation, the same as the surrounding properties, but that process has not been completed, and it's possible that another zoning designation could be sought. Before the HRC can effectively evaluate the proposed project the rezoning process needs to be complete.

#### Zoning Variances for proposed design

If the property is rezoned to an RM-32 designation, there are two major items of the proposed design which do not meet the regulations of that district. First, the allowable density in RM-32 is 32 units per acre; the proposed development is for 82 units on .80 acres, which is equivalent to 102 units per acre, three times more than allowed. Second, the allowable height in RM-32 is 45' and the height of the proposed development varies from 54' to 75' above the adjacent grade.

Both of these items would require a variance from the Board of Zoning Appeals and potential approval of these is uncertain. The HRC can not conduct an appropriate review of the submitted design, because it is unknown whether this is a feasible design alternative.

No action should be taken by the HRC before the property is rezoned and no action should be taken before the necessary zoning variances are approved.

### <u>"Feasible and prudent alternative"</u>

As you know, if the HRC acts on the application and denies the demolition and new construction, the applicant can appeal the decision to the City Commission. At that stage the review essentially changes to be whether there are "feasible and prudent alternatives" to the proposed design. Since the proposed development is <u>wildly</u> in excess of the allowable density, it becomes impossible to demonstrate a feasible alternative which meets the zoning regulations

and provides an equivalent economic return. The HRC should defer action on this item until a "feasible" design is submitted by the applicant.

Please feel free to contact me if you have any questions regarding the above information.

Sincerely,

Stan Hernly