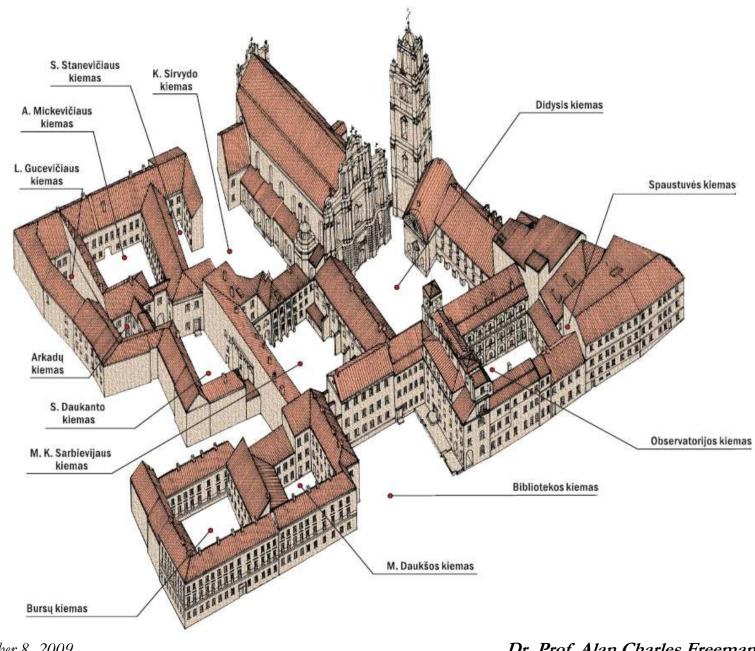


### VILNIUS UNIVERSITY OLD CAMPUS PRESERVATION PLAN

CDCE Conference Higher Education Spaces and Places University of Latvia December 8, 2009

Dr. Prof. Alan Charles Freeman





December 8, 2009



# Building Components and Condition Ratings

The following building components were examined and rated by the Architect and Engineer Technical Study Group to provide the factual bass for the proposed Vilnius University Old Campus Preservation Plan (VUPP):

- Foundations
- Exterior Walls
- Roof structure
- Roof Membrane
- Steps, porches and equivalent
- Windows an equivalent
- Gutters and downspouts
- Other selected features as noted in the field surveys



# Building Components and Condition Ratings

The physical condition of each component was then rated as follows:

(1) Satisfactory – requires normal maintenance

(2) Deficient – requires minor repair and remedy

(3) Major defect – requires significant repair, remedy, restoration, replacement

(4) Critical defect – requires early action (repair, remedy, restoration, replacement) for life safety, prevention of further deterioration, and building utilization.



## Building Components and Condition Ratings

The component ratings and discussions about recent capital improvements and building utilization were then transformed into an overall building rating as follows:

(A) – First priority facility for preservation and restoration actions.

- (B) Second priority for preservation and restoration action
- (C) Not a candidate for capital improvements at this time.

The evaluations prepared by the Architect and Engineer Technical Study Group are summarized in Appendix - E Component and Building Ratings. For identification purposes the building numbers and names in the tables are those used by the University Physical Plan in their maintenance records. In several instances because of the differentiation in the architectural composition, several sides of a couple of numbered building were evaluated and described separately.

Of the buildings examined and evaluated, five were identified as Category A candidates, six as Category B, and five as Category C.

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#### Category A First priority facility for preservation and restoration actions

Total Cost for Category A – 42.14 Million Litas

- Building 5 Skapo St. 7
- Building 7 Pilies St. 13
- Building 8 Pilies St. 15
- Building 10 Šv. Jono St. 8
- Building 13 Šv. Jono Church

Most of the deficiencies in this category involve foundations, walls, and roofs; prime candidates for repair, replacement and remedy.



### Category B Second priority for preservation and restoration action

Total Cost for Category B – 31.76 Million Litas

- Building 1 Universite o St.  $\frac{1}{2}$
- Building 3 Universiteto St. 5
- Building 9 Šv. Jono St. 4
- Building 11 Šv. Jono St. 10
- Building 12 Pilies 21/12 St.
- Building 14 Šv. Jono 10 St.

While the B buildings in the main are in better condition that the Category A facilities, there are some individual items that require early remedy.



### Category B Buildings Items of Concern

• Building 1 – Foundation, Exterior walls, Roof Membrane, Doors and equivalent

- Building 3 Exterior walls, windows and equivalent
- Building 9 Foundation, Exterior Walls, Steps, porches and equivalent
  - Building 11- Windows and equivalent
  - Building 12 Foundation and exterior walls
  - Building 14 Roof structure and membrane



### **Category C Buildings**

Not a candidate for capital improvements at this time

Total Cost of Deferred Maintenance for Category C – 9.86 Million Litas

- Building 2 Universiteto St. 3
- Building 4 Universiteto St. 7
- Building 6 Pilies St.11/ 9
- Building 15 Universiteto St. 9/1
- Building 16 Šv. Jono St 6



#### Summary Cost Estimates for Identified Work (Based on July 2007 Cost)

Building Number	Address	Foundation	Windows	Exterior walls	Roof	Total:
1	Universiteto Str. ½	1.1 million Lt	0.4 million Lt	1.6 million Lt	0.1 million Lt	3.2 million Lt
2	Universiteto Str. 3	2 million Lt	0.66 million Lt	1.8 million Lt	0.1 million Lt	4.56 million Lt
3	Universiteto Str. 5	1.8 million Lt	1 million Lt	2.2 million Lt	2 million Lt	7 million Lt
4	Universiteto Str. 7	0 Lt				
5	Skapo Str. 7	2.7 million Lt	1.75 million Lt	2 million Lt	0.87 million Lt	7.32 million Lt
6	Pilies Str. 11/9	2.3 million Lt	0.5 million Lt	2.4 million Lt	0.1 million Lt	5.3 million Lt
7	Pilies Str. 13	3.96 million Lt	2.76 million Lt	5.28 million Lt	0.1 million Lt	12.1 million Lt
8	Pilies Str. 15	1.32 million Lt	0.7 million Lt	2.28 million Lt	0.1 million Lt	4.4 million Lt
9	Šv. Jono Str. 4	1.1 million Lt	0.3 million Lt	1.2 million Lt	0.1 million Lt	2.7 million Lt
10	Šv. Jono Str. 8	0.46 million Lt	0.33 million Lt	0.43 million Lt	0.1 million Lt	1.32 million Lt
11	Šv. Jono Str. 10	0.8 million Lt	0.36 million Lt	0.9 million Lt	0.8 million Lt	2.86 million Lt
12	Pilies Str. 21/12	0.8 million Lt	0.15 million Lt	0.9 million. Lt	0.35 million Lt	2.2 million Lt
13	Pilies Str. 21/12	5.1 million Lt	3.4 million Lt	3.4 million Lt	5.1 million Lt	17 million Lt
14	Šv. Jono Str. 10 (bell-tower)	4.46 million Lt	0.76 million Lt	7.62 million Lt	0.96 million Lt	13.8 million Lt
15	Universiteto Str. 9/1	0 Lt				
16	Šv. Jono Str. 6	0 Lt				
Total Cost:						83 76 million I t

Total Cost:

83.76 million Lt

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# **Proposed Actions**

Given the study purpose, findings and outcomes the Collaborative recommends the following actions:

1. Adoption of the findings and conclusions of the study as the factual basis for the Old Campus Preservation Plan.

2. Identification of funding for Phase I and Phase II building. Determination whether or not the preservation plan improvements should be packaged with other improvements in the targeted building, such as modernization and heritage restoration of selected interior spaces so as to create a Capital Asset Project.

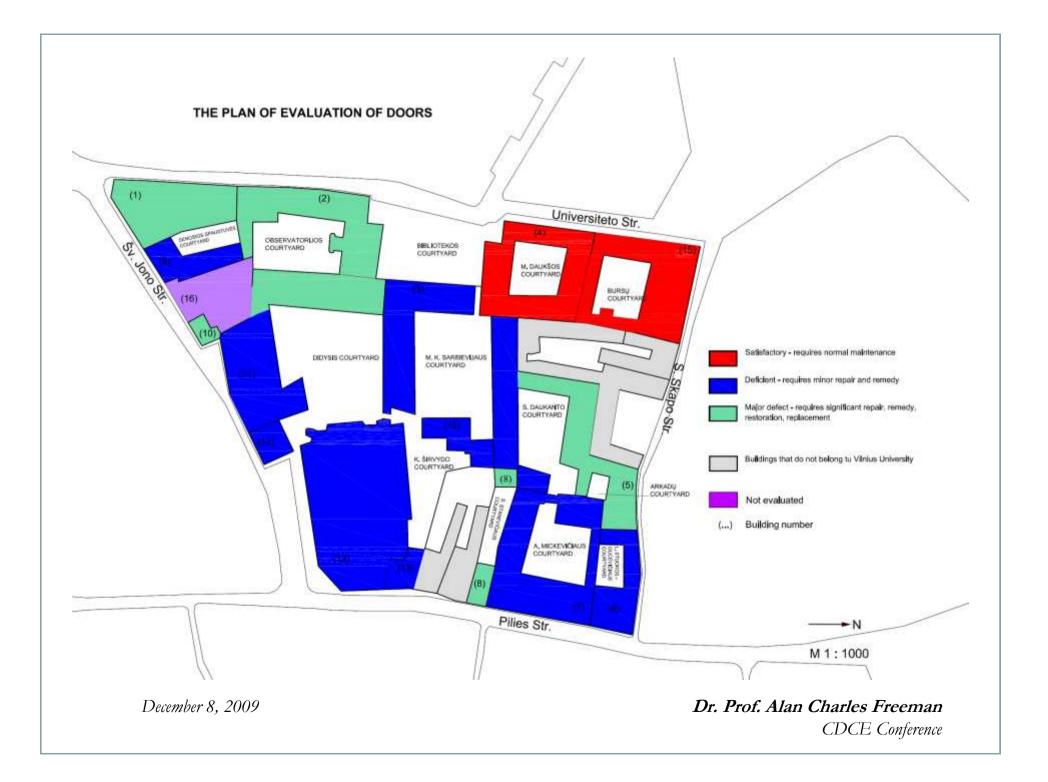
3. Commissioning of a site specific phased courtyard enhancement plan.

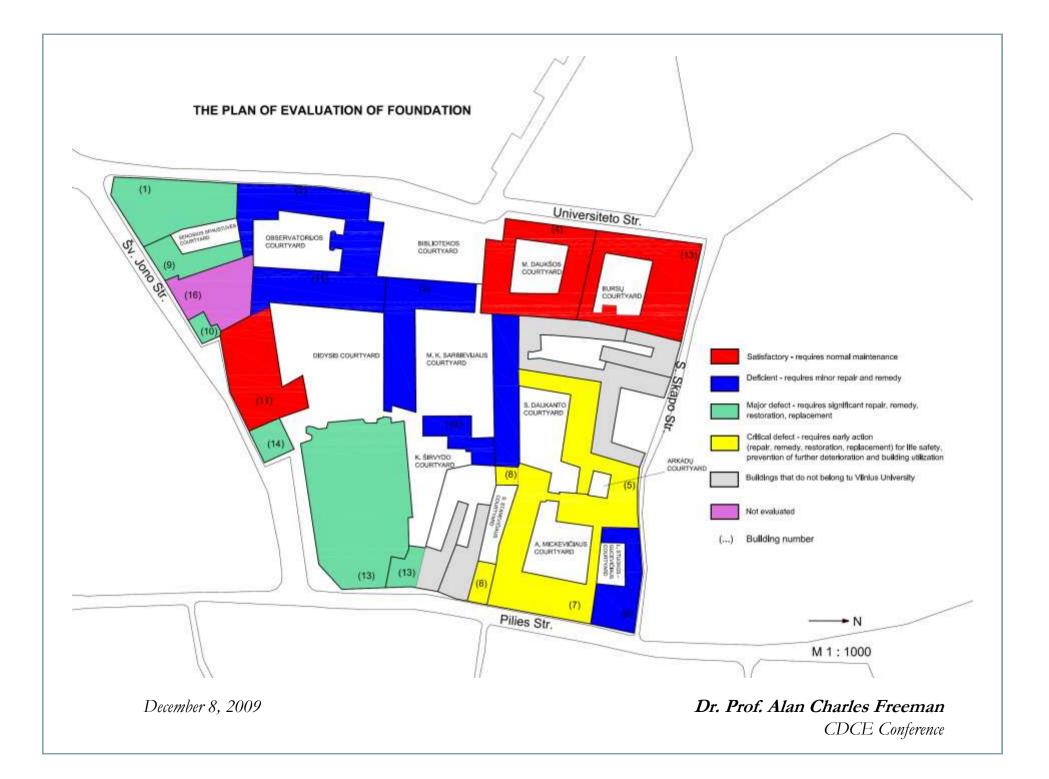


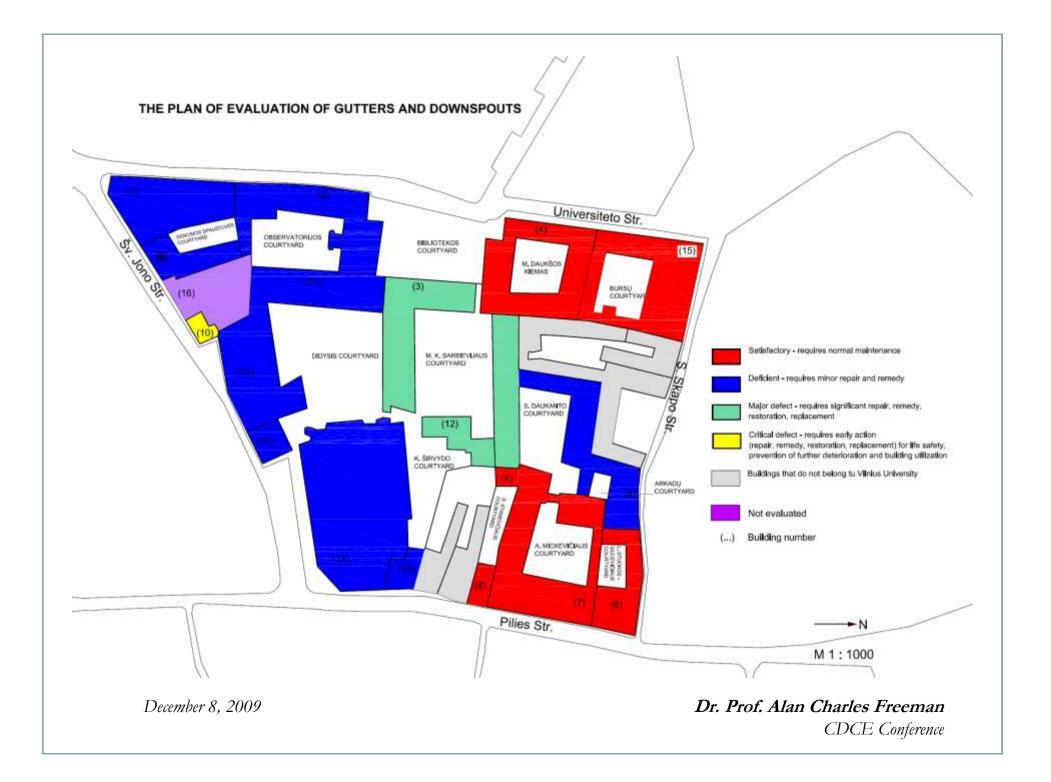
### **Detailed Evaluation of Buildings**

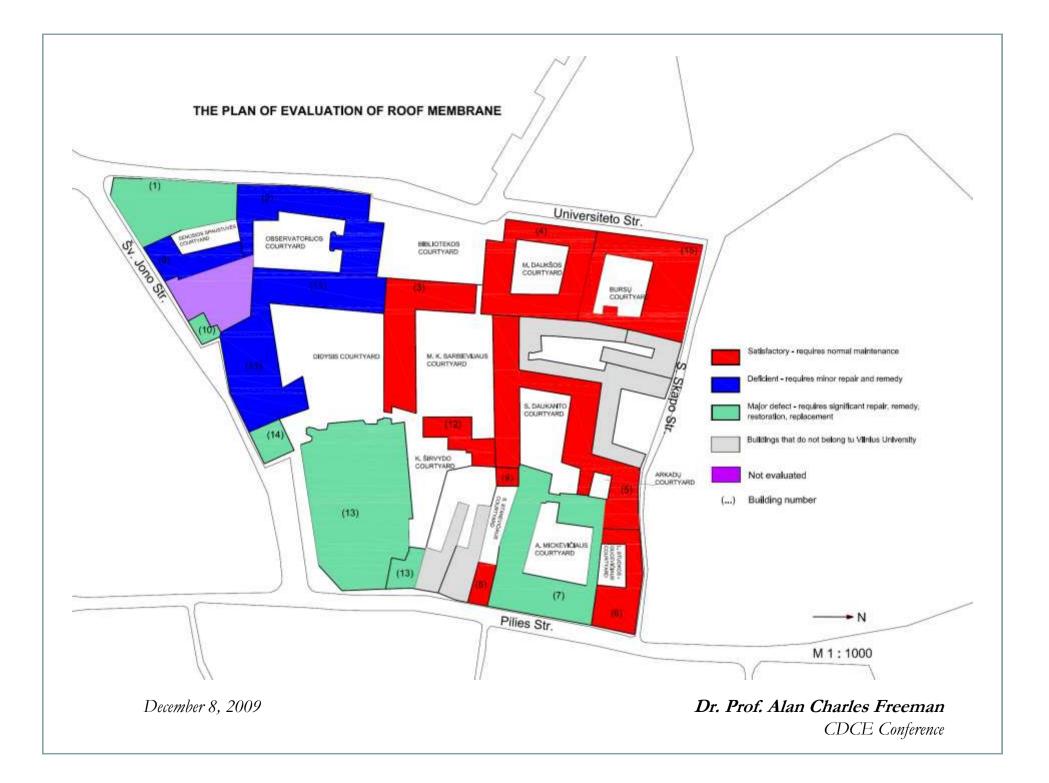
Adress. Name	Components of the building	Component rating	Remarks
Universiteto Str. 1/2 – Building	Foundation	3	Must be made a water proof, then plastered and painted.
(Campus numbering: 1)	Exterior walls	3	The reason of the break is vibration which is caused by the traffic.
Style: Early and High Classicism	Roof structure		
ingn entssteism	Root structure	2	Requires minor repair.
Use: Institution of the higher education	Roof membrane	2	Requires minor repair.
	Steps, porches, & equivalent	2	Must be repaired.

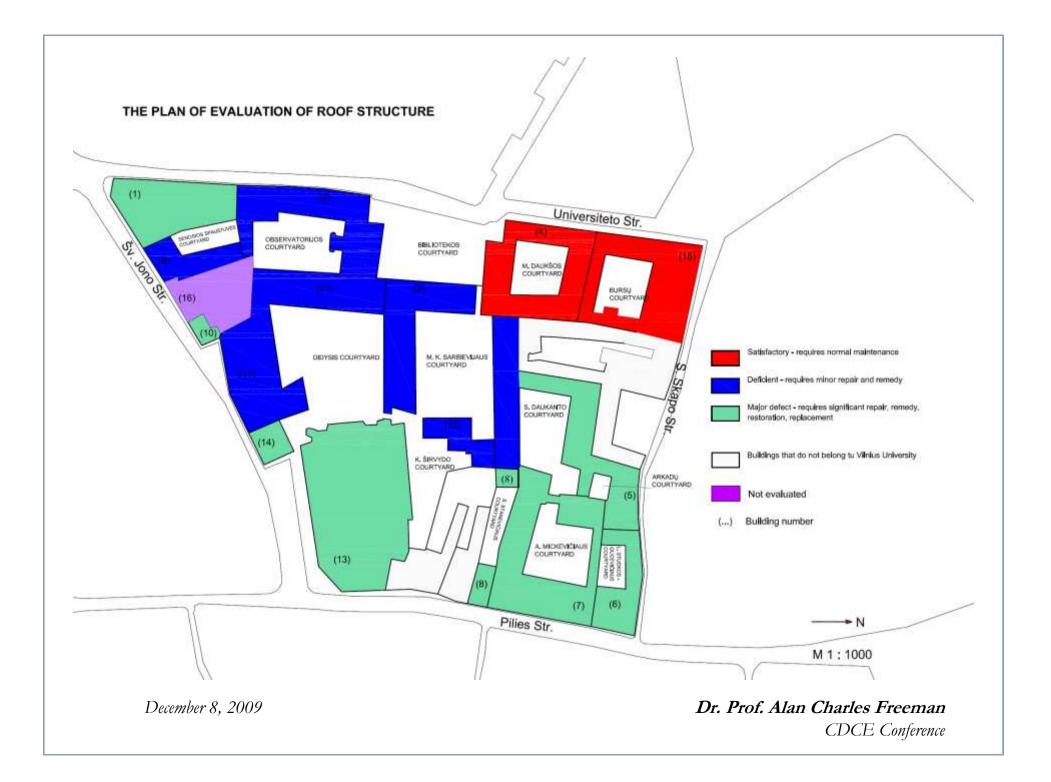
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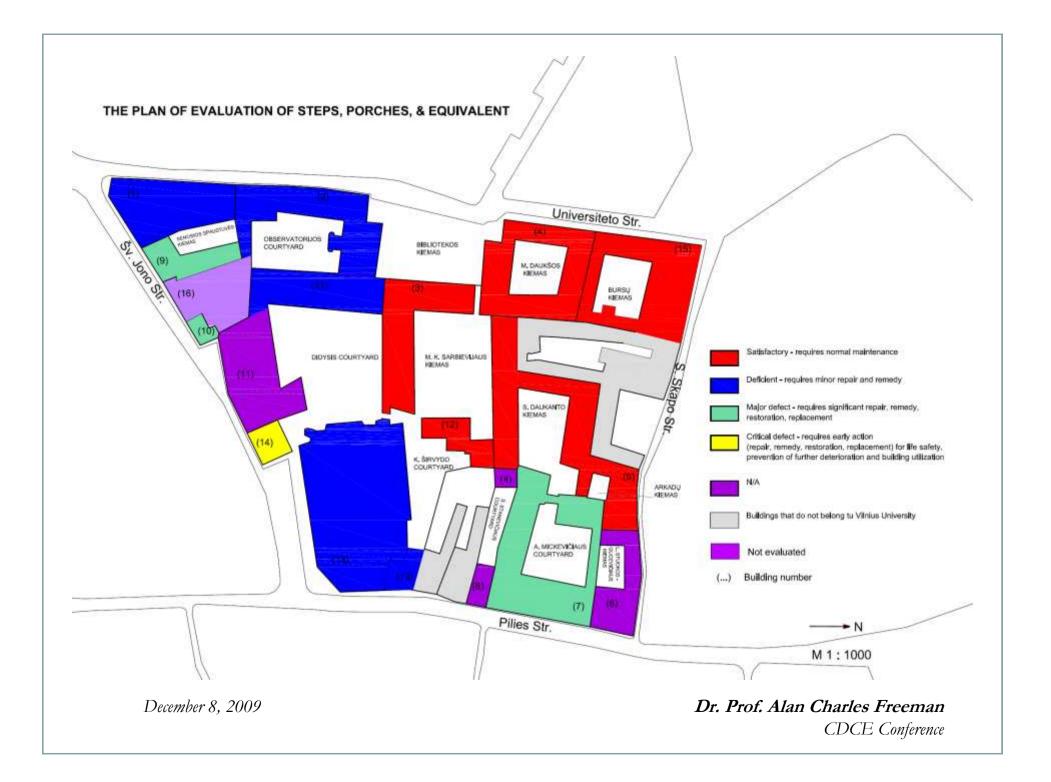


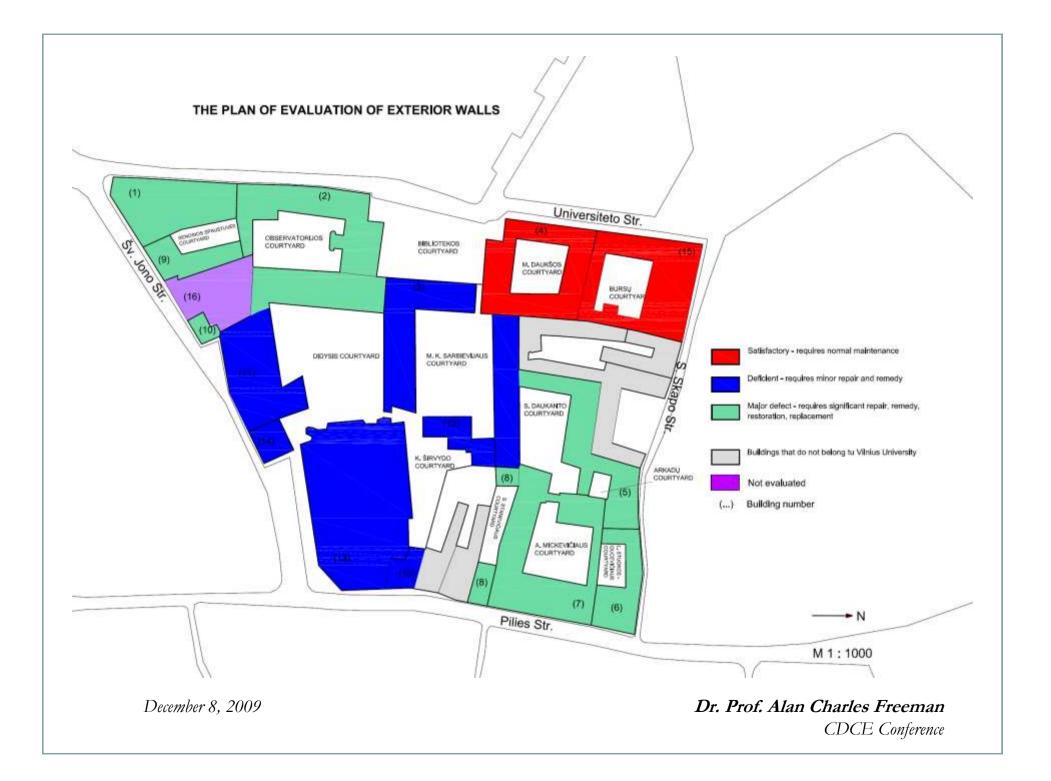


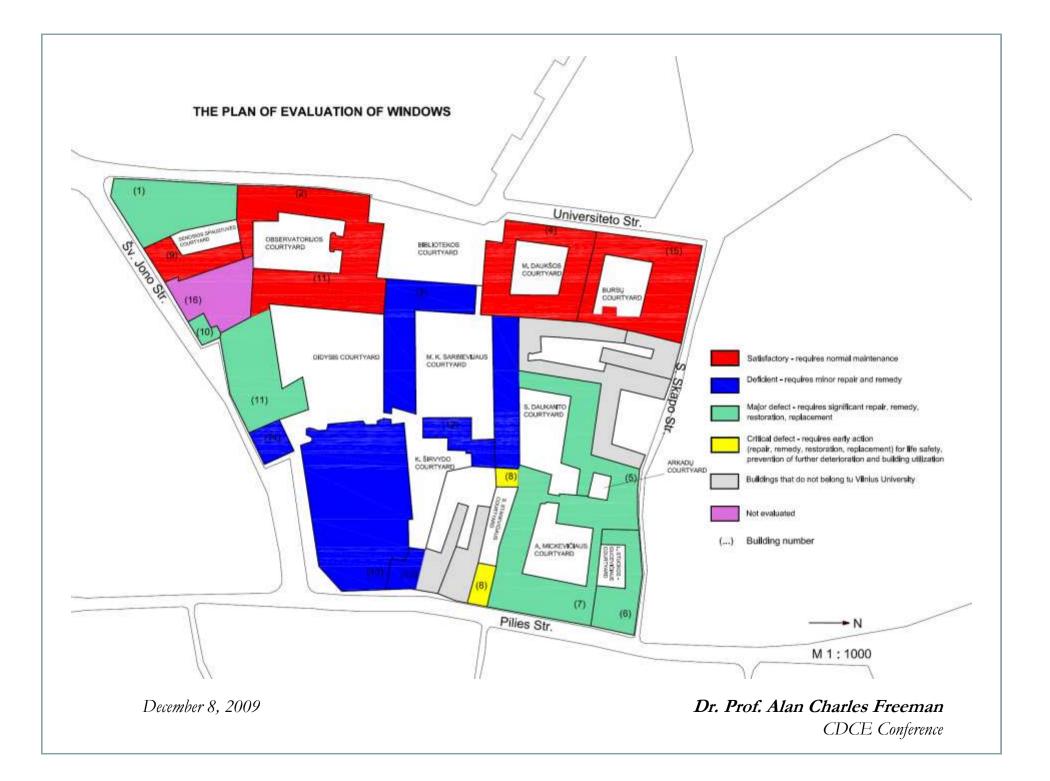


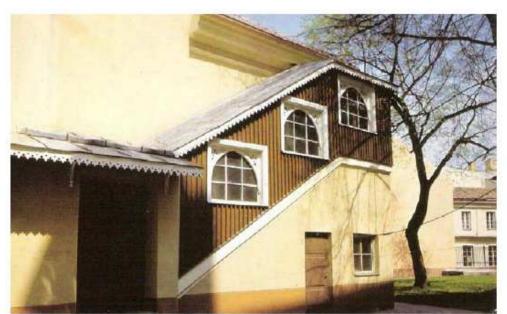












K. Sirvydo Courtyard 1980



A. Mickevičiaus Courtyard 1980



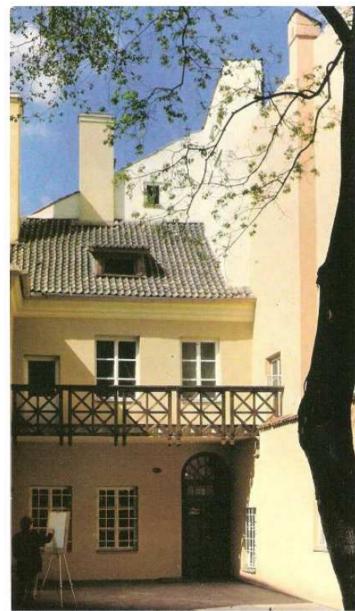
K. Sirvydo Courtyard 2007



A. Mickevičiaus Courtyard 2007

Dr. Prof. Alan Charles Freeman CDCE Conference

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K. Sirvydo Courtyard 1980

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K. Sirvydo Courtyard 2007