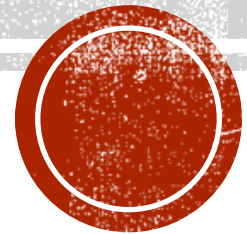


SOVIET ERA BUILDINGS

Transposition of architectural character

Adaptive Reuse case study: Soviet era buildings in Eastern
Europe



SOVIET ERA BUILDINGS

1. History

2. Case Study

3. Factors affecting adaptive reuse of structures

TRANSPOSITION OF ARCHITECTURAL CHARACTER

trans·pose

transitive verb \tran(t)s-'pōz\

: to change the position or order of (two things)

: to change (something) by giving it a different form, using it in a different place or situation, etc.

music : to write or perform (a piece of music) in a different key

<http://www.merriam-webster.com/dictionary/transpose>

ARCHITECTURE UNDER COMMUNISM

Symbolic Social Purpose

Constructivism to Gigantism - Extreme Ornamentation to Brutalism

Socialist Classicism / Stalinist Empire Style 1933-1955

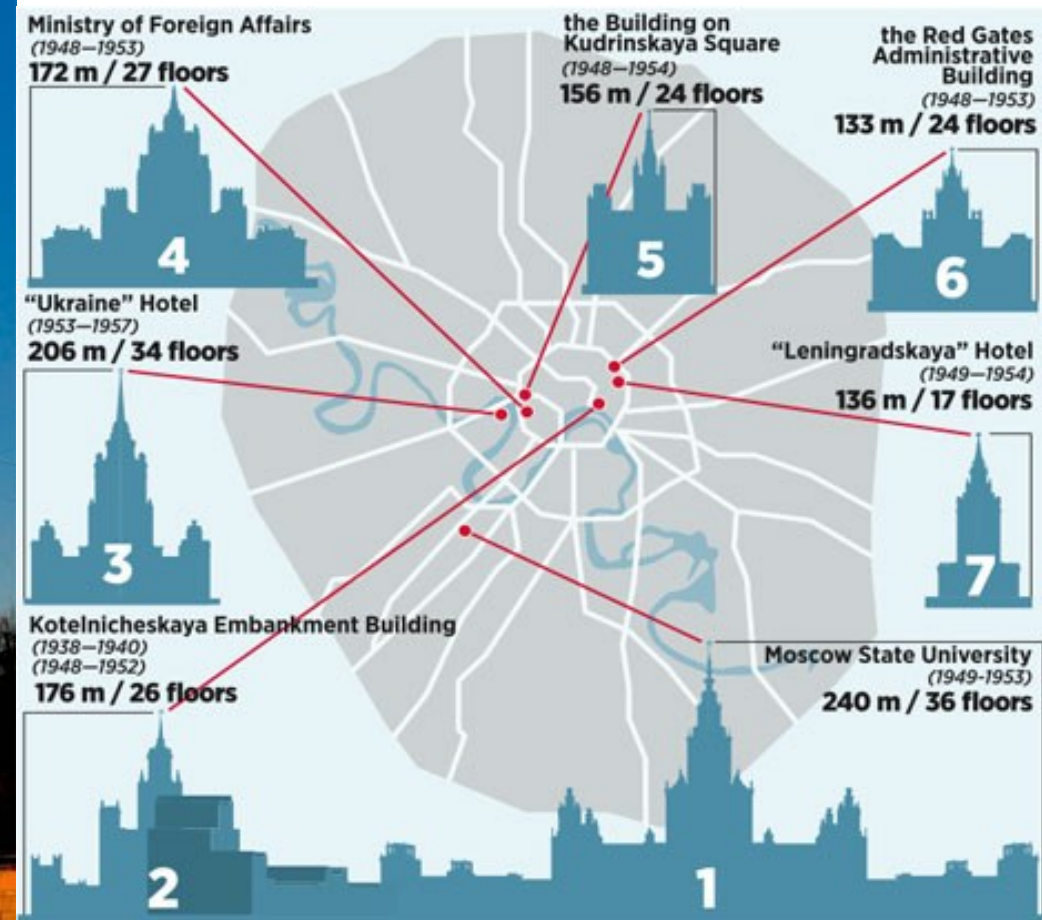
General Development plan for all cities

Stalinist High rises e.g. Seven sisters 1947-1953





Moscow State University, Main Building



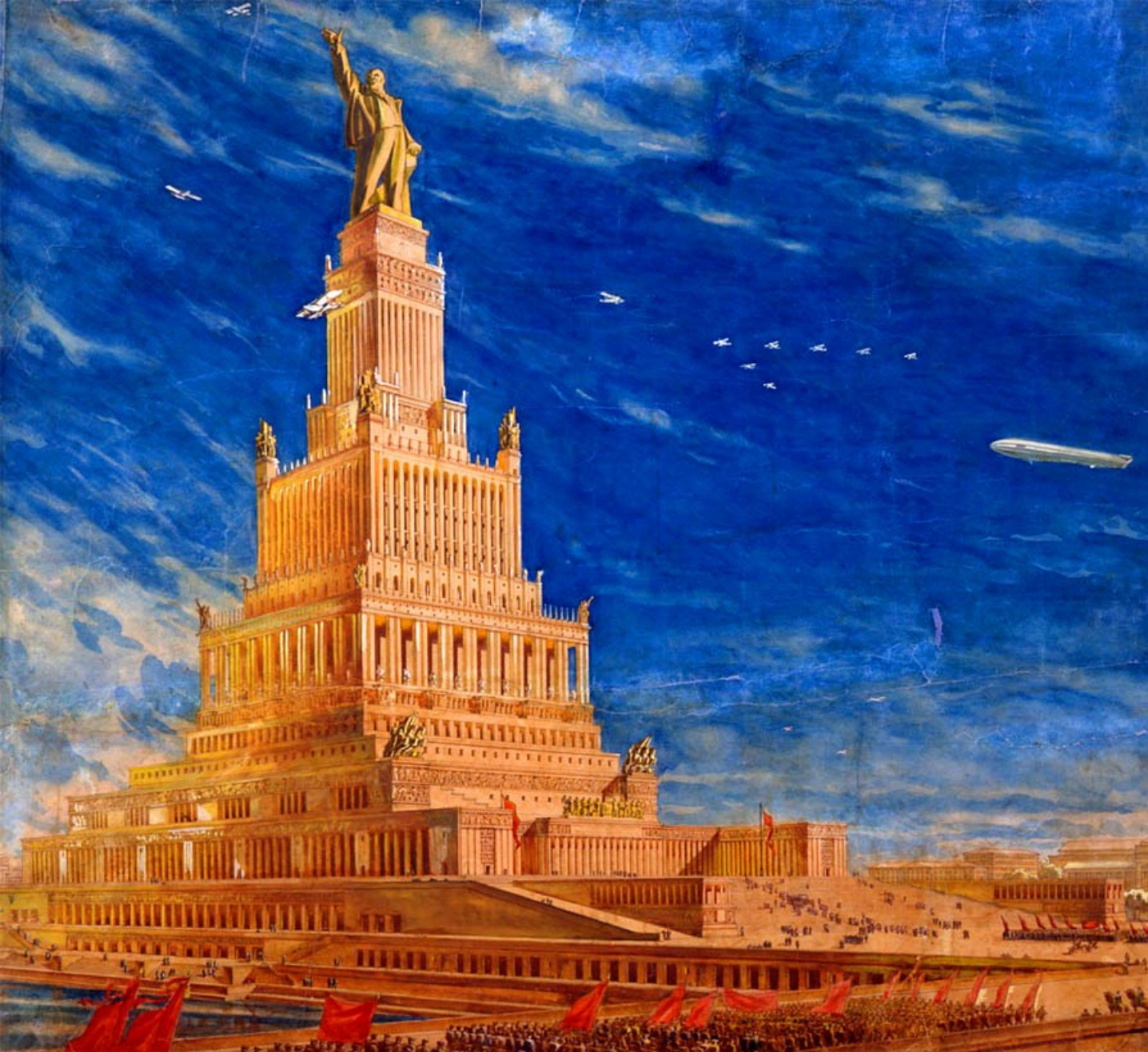
Map, ‘Seven sisters’ skyscrapers, Moscow

STALIN MONUMENT, BUDAPEST, 1949



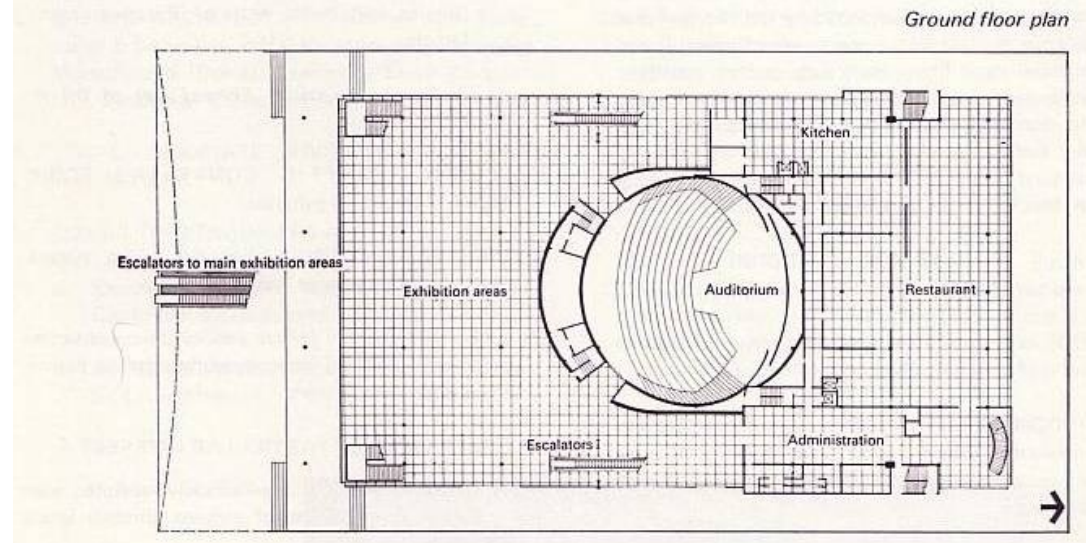
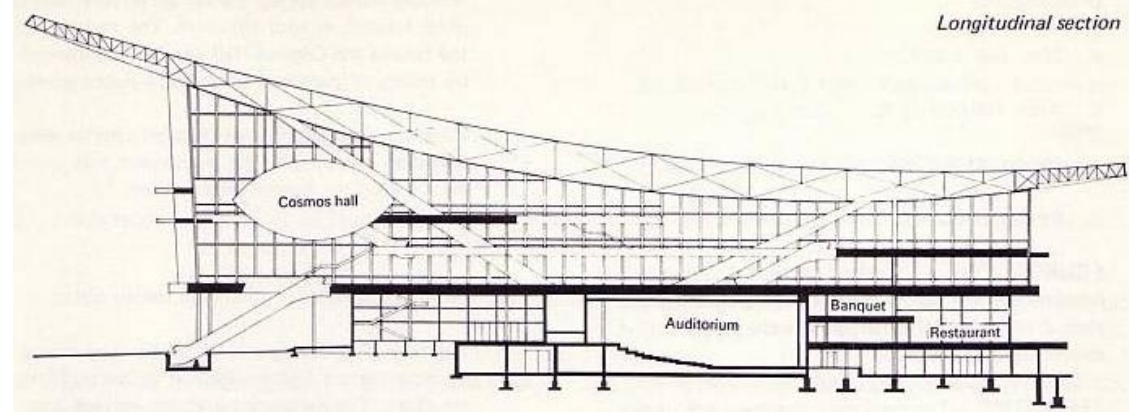
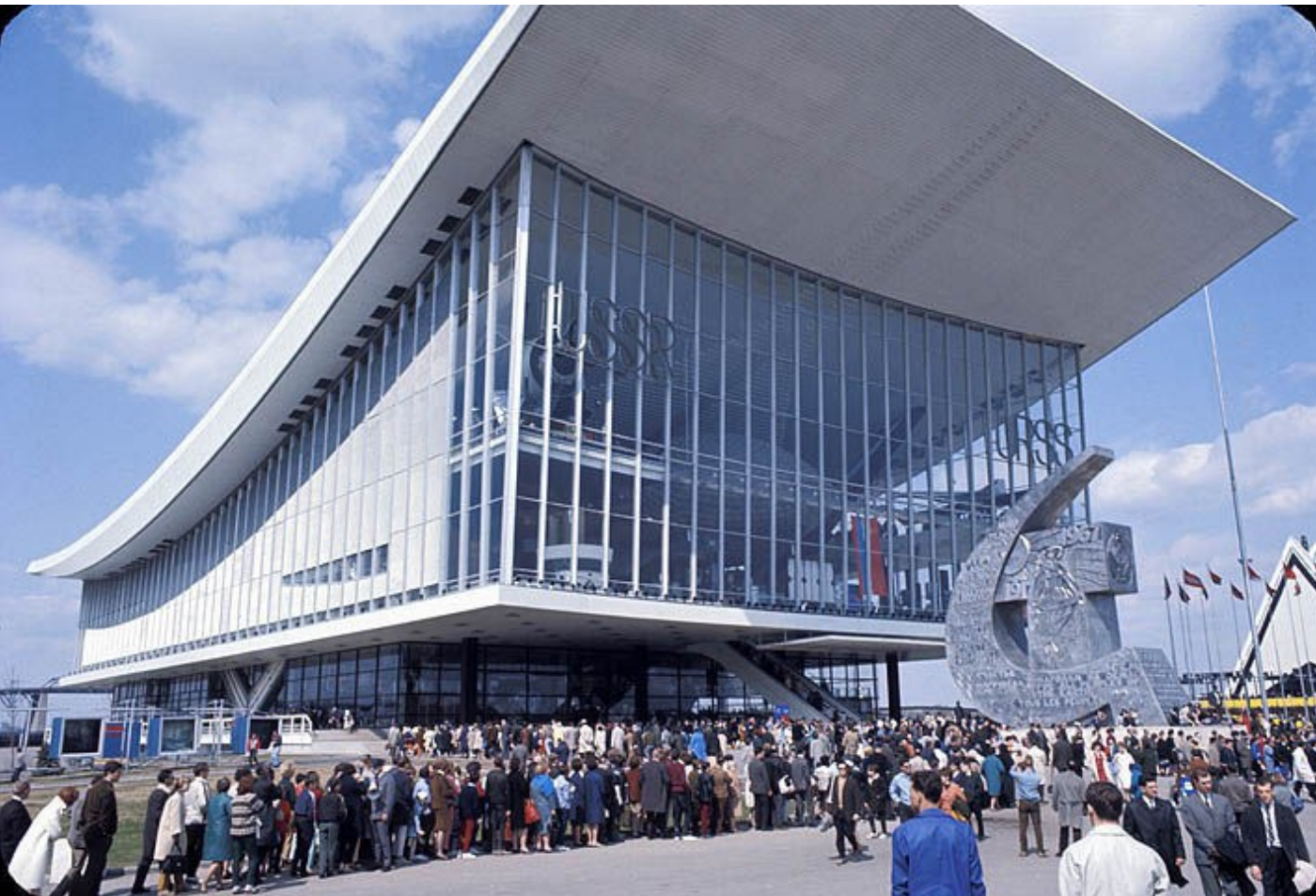
PRAGUE, 1955





Palace of the Soviets (concept)
Design Contest Entry by Boris Iofan,
Vladimir Schuko and Vladimir Gelfreich
(1934-35 version)

PAVILION OF THE USSR, MONTREAL, EXPO'1967



CHARACTERISTICS – POLITICS

- Monumentalism – Grandiose Scale - Expression of Power
- Rigid spatial structure – ‘Obdurate’



Ronchamp – Le Corbusier



Walt Disney Music Hall, Frank Gehry

CASE STUDY:

GEORGIAN MINISTRY OF HIGHWAY CONSTRUCTION, 1975

BANK OF GEORGIA, SINCE 2011

GEORGIAN MINISTRY OF HIGHWAY CONSTRUCTION, 1975



History

Name: Georgian Ministry of Highway

Construction

Architects: Giorgi Chaklava , Zurab

Jalaghania

Engineer: Temur Tkhilava

Date: 1975

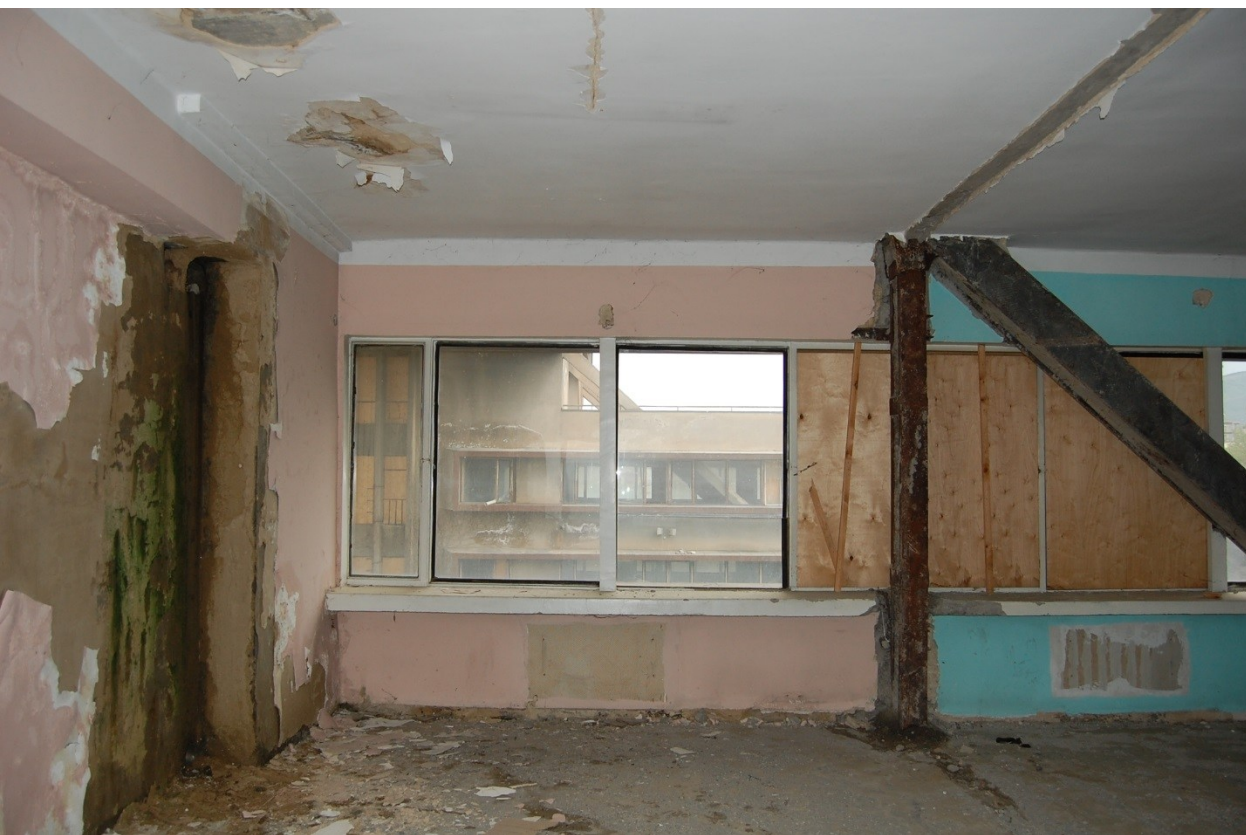
Area: 14,881 sq.mtrs

Style: Synthesis of Soviet Constructivism and Japanese Metabolism











BANK OF GEORGIA, 2011



History

Name: Bank of Georgia

Renovation Architects: ARG

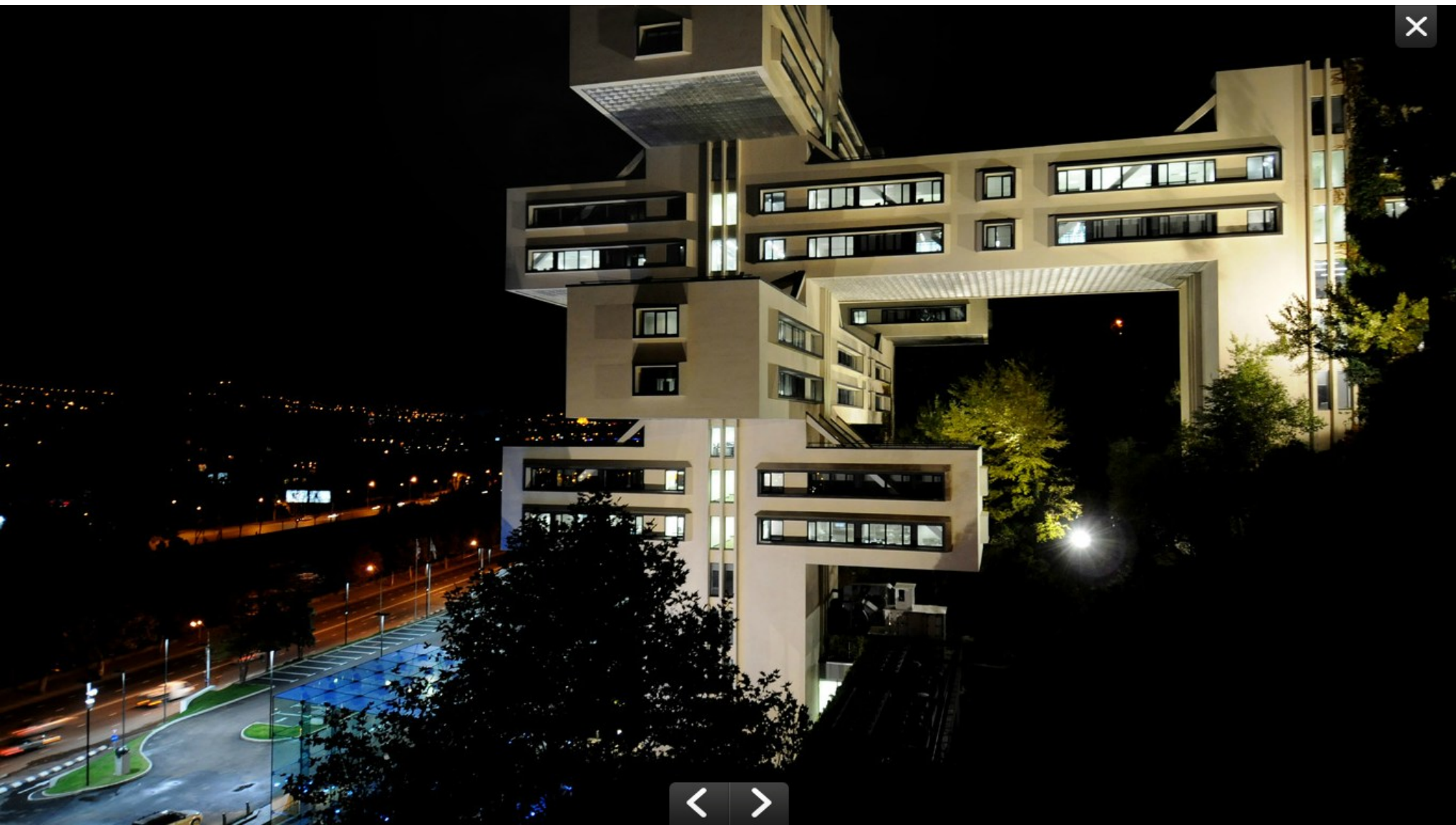
Date: 2011

Area: 13,500 sq. mtrs

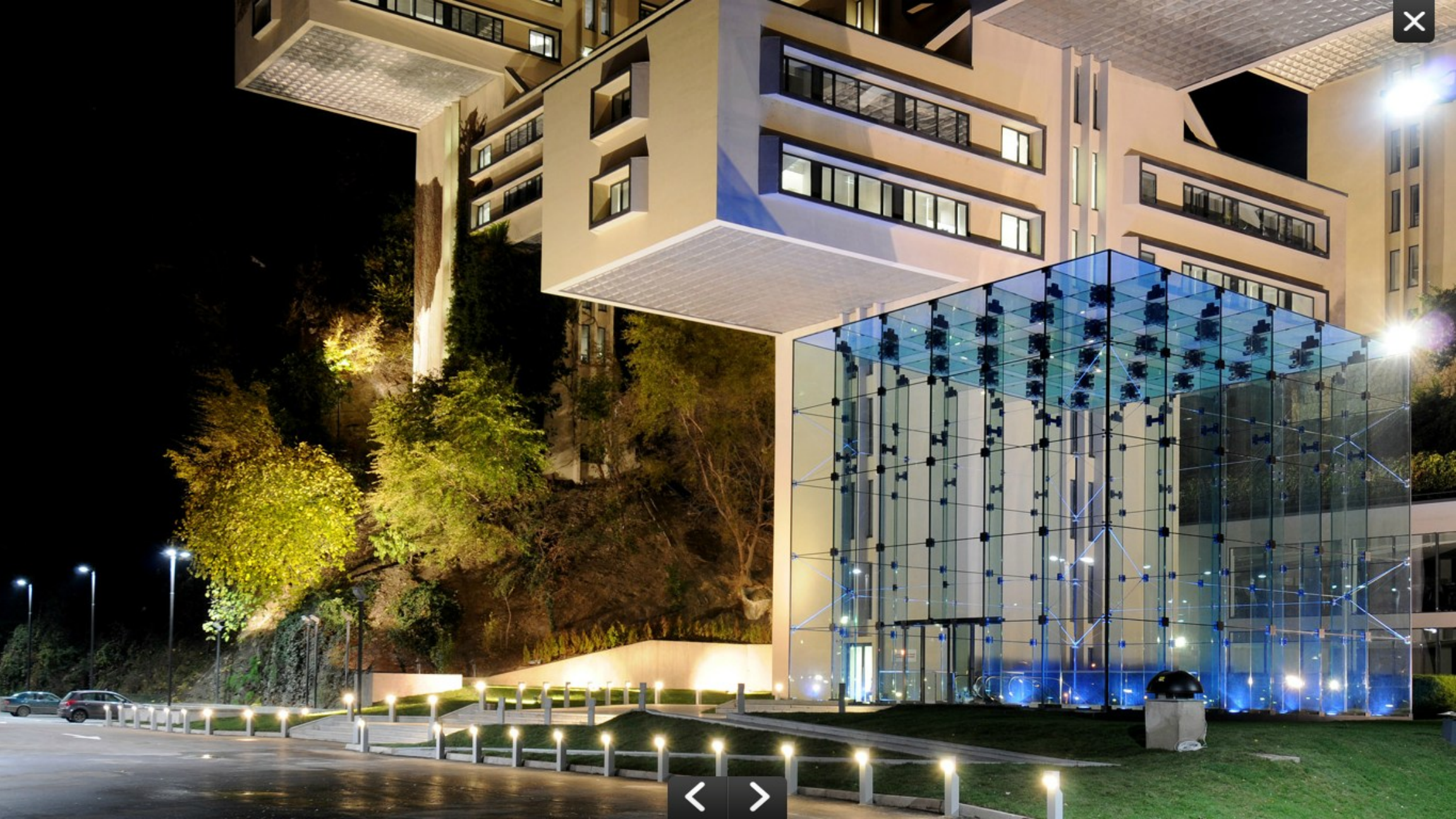
Parking: 3500 spaces



<https://www.youtube.com/watch?v=LqPc4O19uoA>

















FACTORS AFFECTING ADAPTIVE REUSE OF STRUCTURES

FACTORS AFFECTING ADAPTIVE REUSE

- Public perception
 - History
 - Architectural character
- Character defining features
 - Massing
 - Material



MASSING

MATERIAL

National Museum of the American Indian

FACTORS AFFECTING ADAPTIVE REUSE

- Public perception
 - History
 - Architectural character
- Character defining features
 - Massing
 - Material
 - Interior spatial configuration
- Original function
 - Space typology



Grand Central, NY

FACTORS AFFECTING ADAPTIVE REUSE

- Public perception
 - History
 - Architectural character
- Character defining features
 - Massing
 - Interior spatial configuration
 - Material
- Original function
 - Space typology
- ROI
 - Cost of reuse

