#### ACAD.RAACS, DPHIL VYACHESLAV A. ILYICHEV



### DESIGN FEATURES OF THE RUSSIAN BOLSHOI THEATRE RECONSTRUCTION PROJECT

# **THE BOLSHOI THEATRE OF RUSSIA**



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### **ARCHITECTURAL CONCEPT.** GENERAL APPEARANCE





#### ARCHITECTURAL CONCEPT. CROSS-SECTION

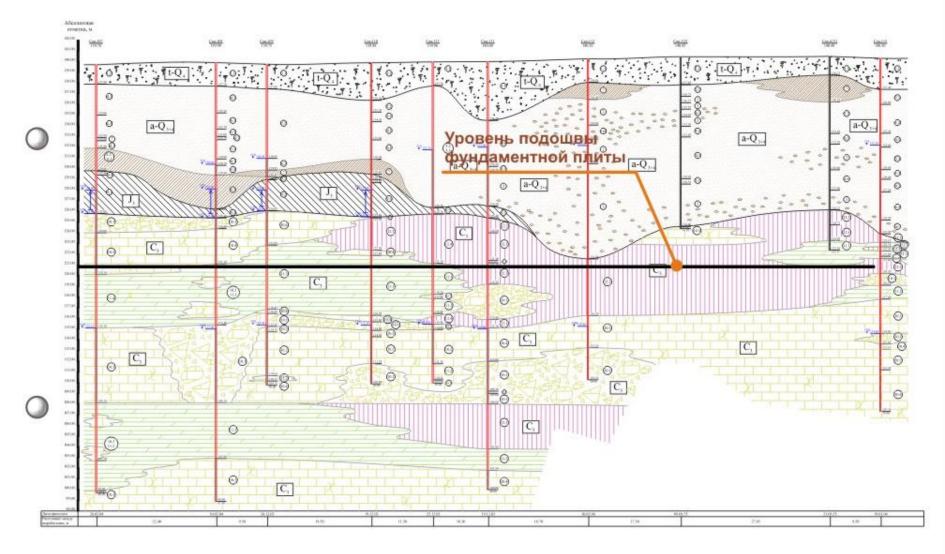
ЧАСТЬ ПРОЕКТА, ИСКЛЮЧАЕМАЯ ИЗ СТРОИТЕЛЬСТВА

ВТОРАЯ ОЧЕРЕДЬ. РЕАЛИЗУЕМАЯ В 2009-2010 ГГ.

ПУСКОВОЙ КОМПЛЕКС 2008 ОСНОВНОЕ ЗДАНИЕ И СЛУЖЕБНЫЙ КОРПУС ГАБТ РФ ПРОЕКТ РЕКОНСТРУКЦИИ

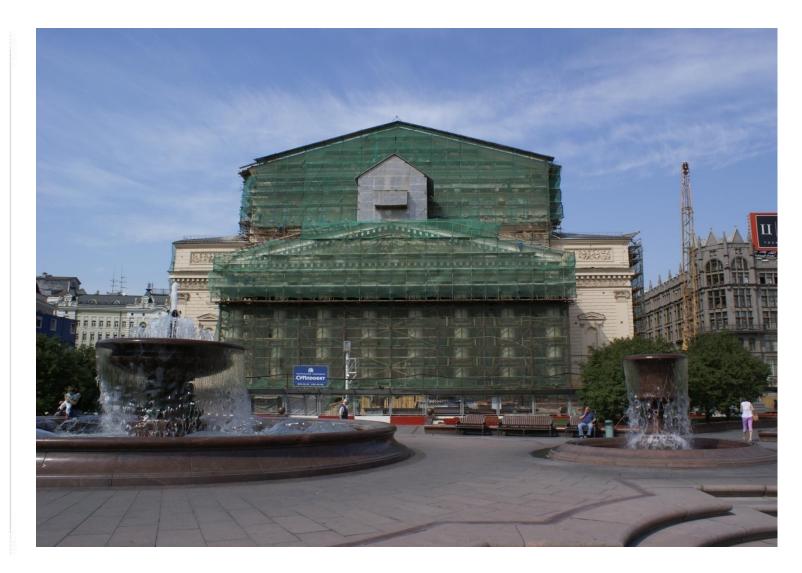
ОБОРУДОВАНИЕ И ОТДЕЛОЧНЫЕ РАБОТЫ 2009-2010 ГГ.

# **ENGINEERING-GEOLOGICAL CONDITIONS OF THE CONSTRUCTION SITE**





# **RECONSTRUCTION OF THE BOLSHOI**



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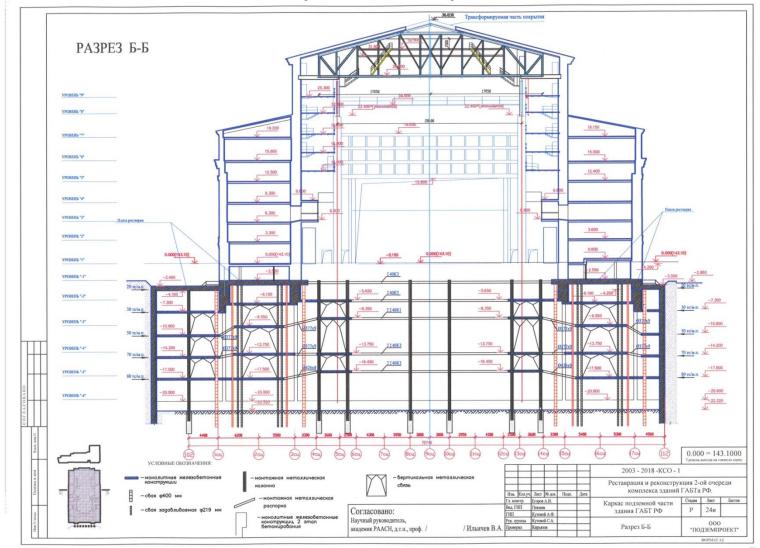
# **RECONSTRUCTION OF THE BOLSHOI**



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### THE SCHEME OF TEMPORARY STRUCTURES OF UNDERGROUND SPACE OF BOLSHOI THEATRE (STAGE AREA)



# MINIMUM SIZE FOR INSTALLATION "SOLETANSH" FOR THE DEVELOPMENT OF DIAPHRAGM WALL

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#### **REINFORCEMENT OF DIAPHRAGM WALL**





#### **GRIPS DIGGING UNDER THE WALL IN THE GROUND GRAB**



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#### TIGHT FITTING GRILLS UNDER THE FRONT WALL OF THE BUILDING FROM THE BOLSHOI NEW STAGE

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# THE RESTORATION OF THE PORTICO COLUMNS BOLSHOI THEATRE OF RUSSIA



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# THE RESTORATION OF THE PORTICO COLUMNS BOLSHOI THEATRE OF RUSSIA



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# **RESTORATION OF THE BOLSHOI STAGE AREA**



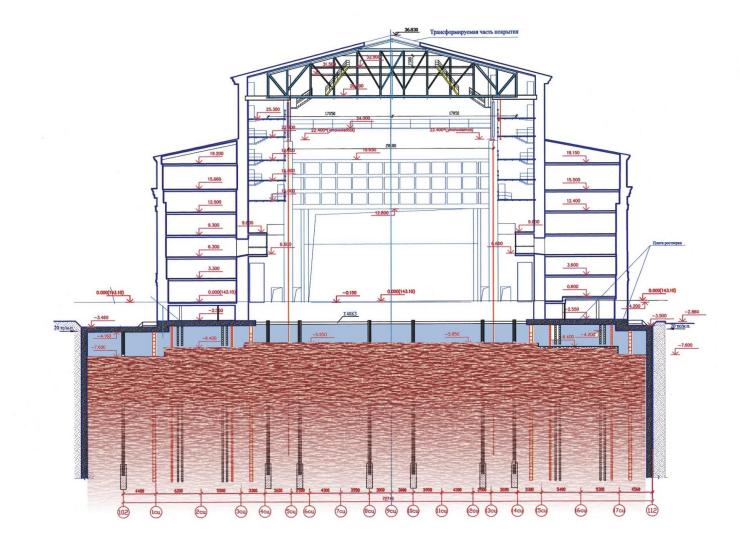
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### **1-ST STAGE**

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# JACKING PILES AFTER DIGGING THE SOIL AT STAGE I IN THE SCENIC AREA

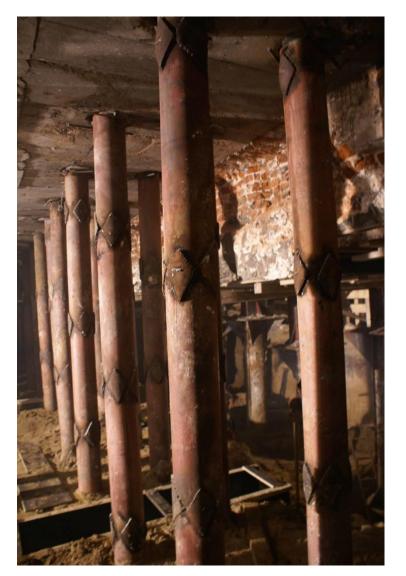


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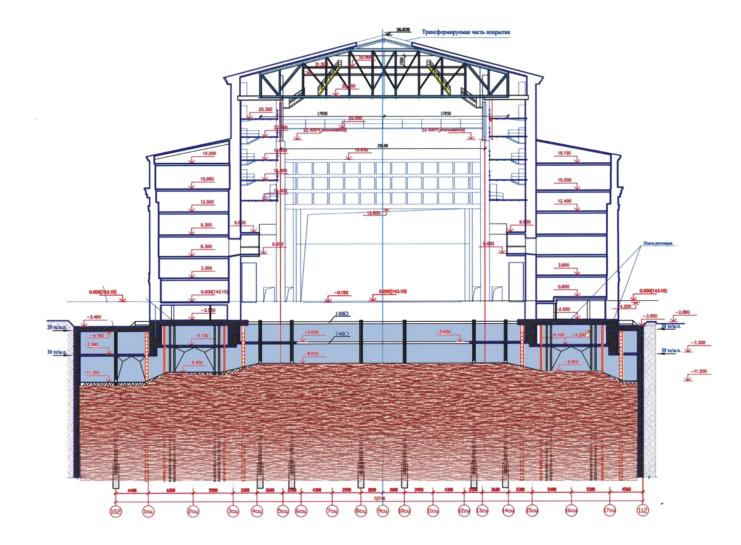


# **CONCRETE GRATINGS, THE DISTRIBUTION PLATE AND JACKING PILES AT STAGE I OF DIGGING**

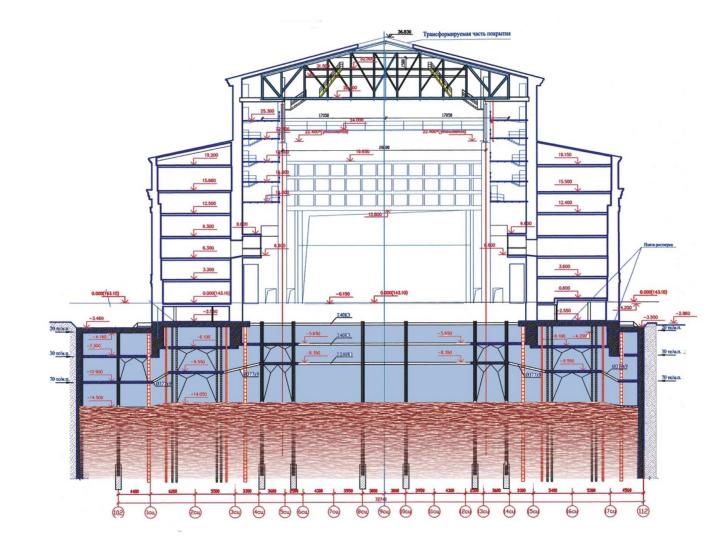




### **2-ND STAGE**

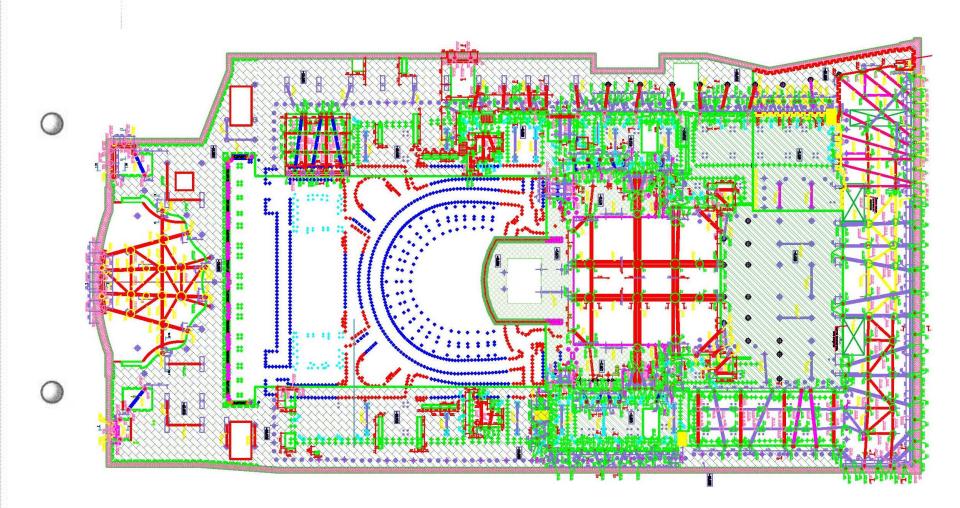


### **3-RD STAGE**



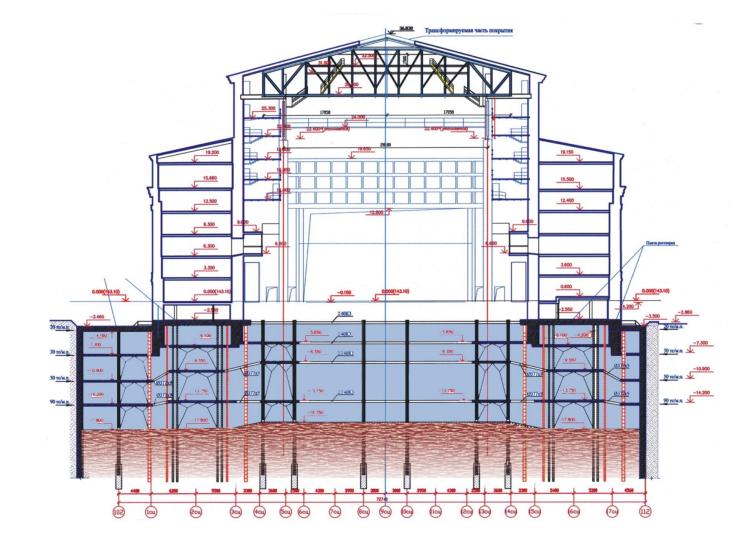


# AN EXAMPLE OF A SPACER SYSTEM ON THE LEVEL -3

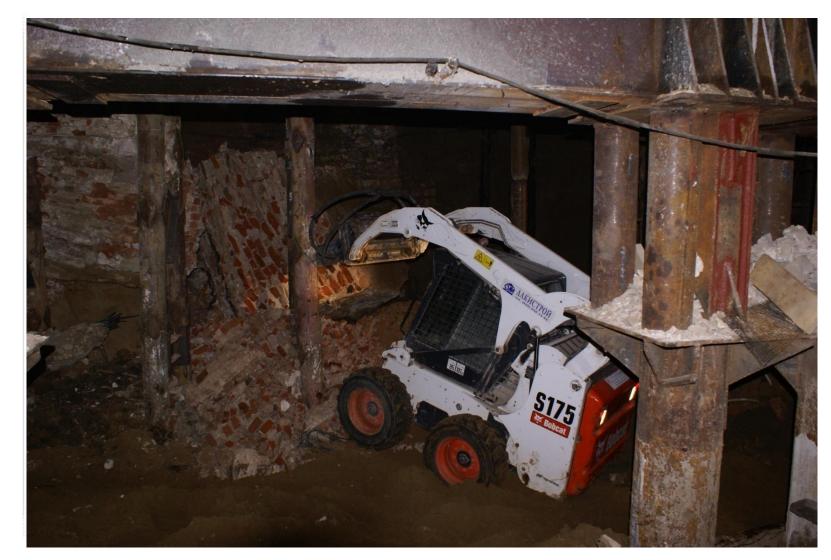




### **4-TH STAGE**



# THE MECHANIZED DEVELOPMENT OF GROUND IN ACCESSIBLE LOCATIONS

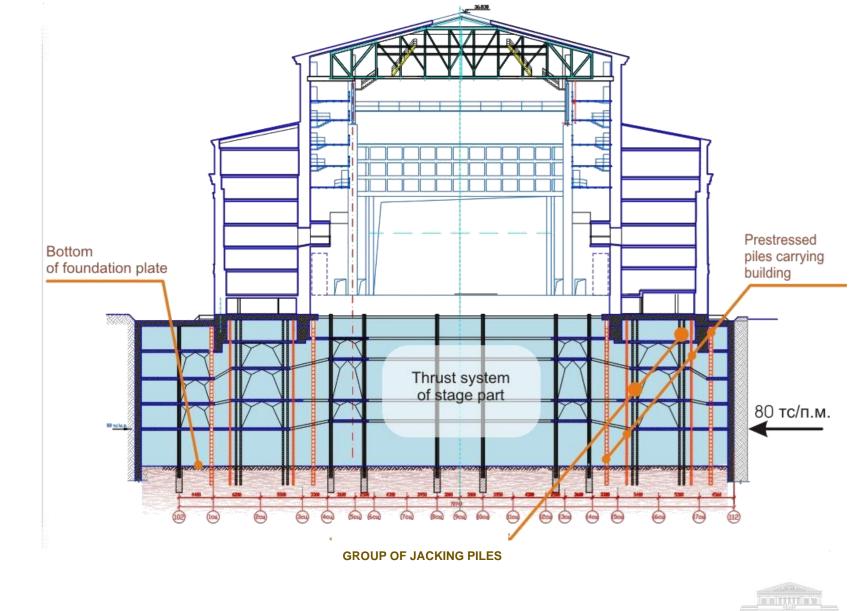


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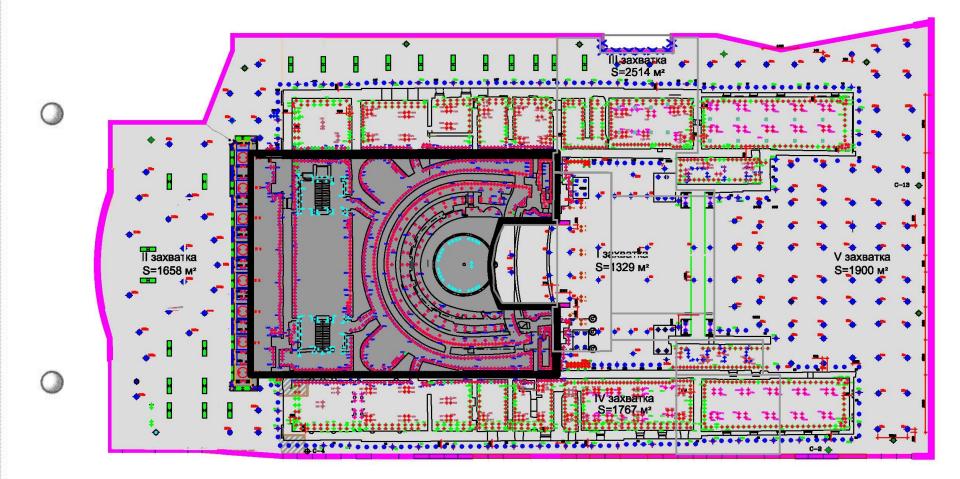


### **5-TH STAGE**

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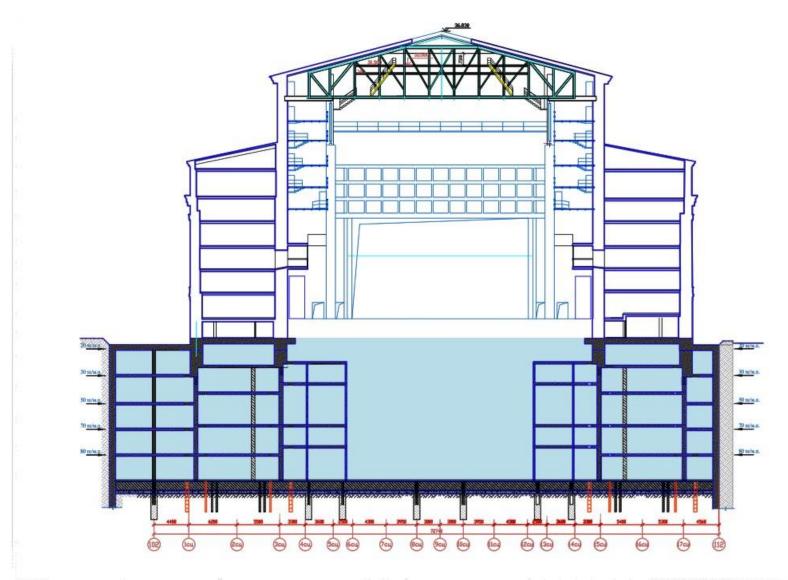


# **THE PLAN OF THE FOUNDATION PLATE ON THE LEVEL -6**





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#### VISITING THE RECONSTRUCTION OF THE BOLSHOI THEATRE BY THE FOREIGN DELEGATION GEOMOS2010

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#### THE OPENING OF BOLSHOI THEATRE





#### THE OPENING OF BOLSHOI THEATRE

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#### **THE OPENING OF BOLSHOI THEATRE**



