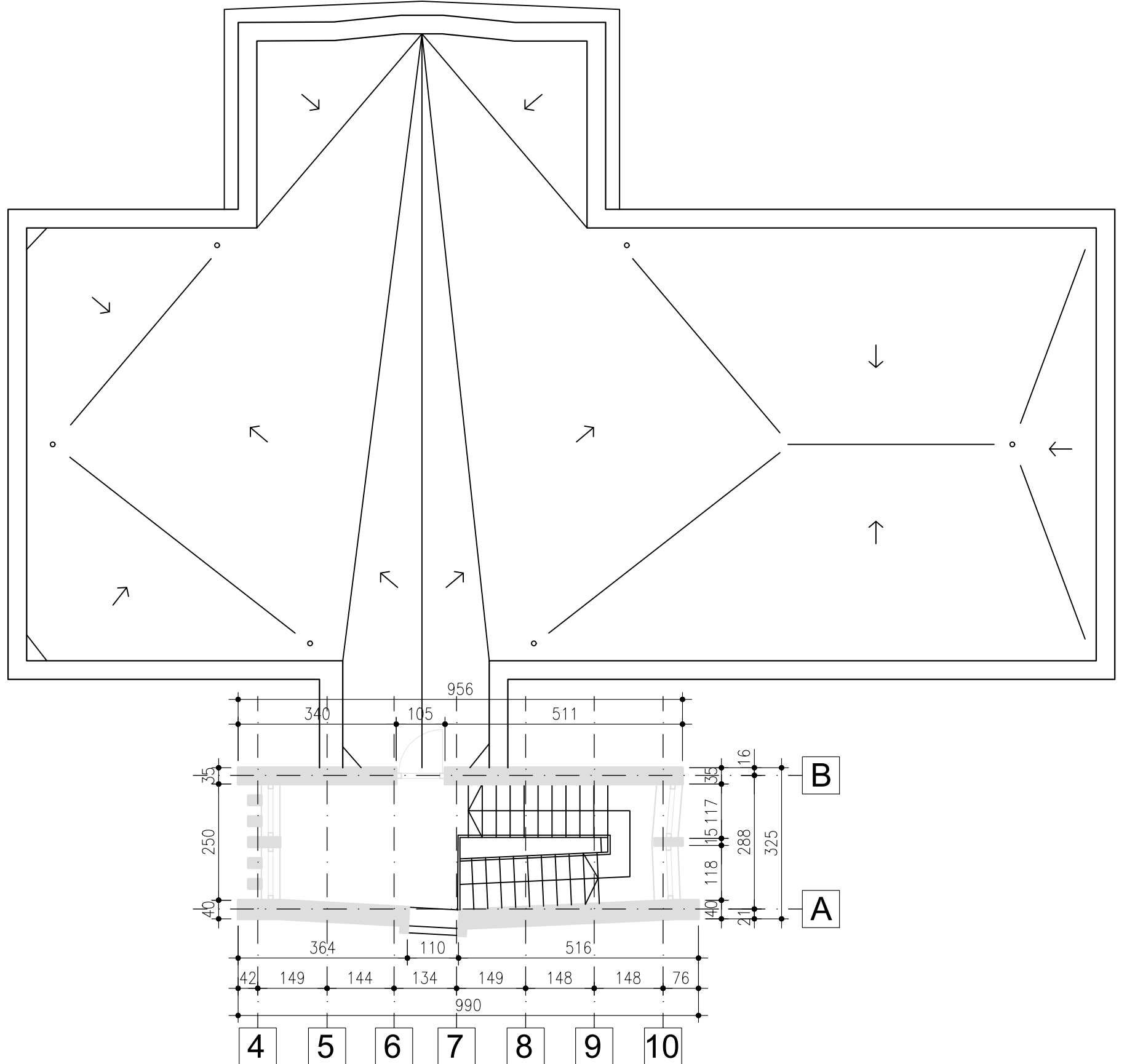


DEPOU BUCURESTI TRIAJ / BUCHAREST TRIAJ DEPOT
CLADIRE ADMINISTRATIVA / ADMINISTRATION BUILDING
Lucrari de reparatii - Plan consolidare stalpi terasa/
Repair works - terrace coulmn consolidation plan

Scara/Scale 1:100

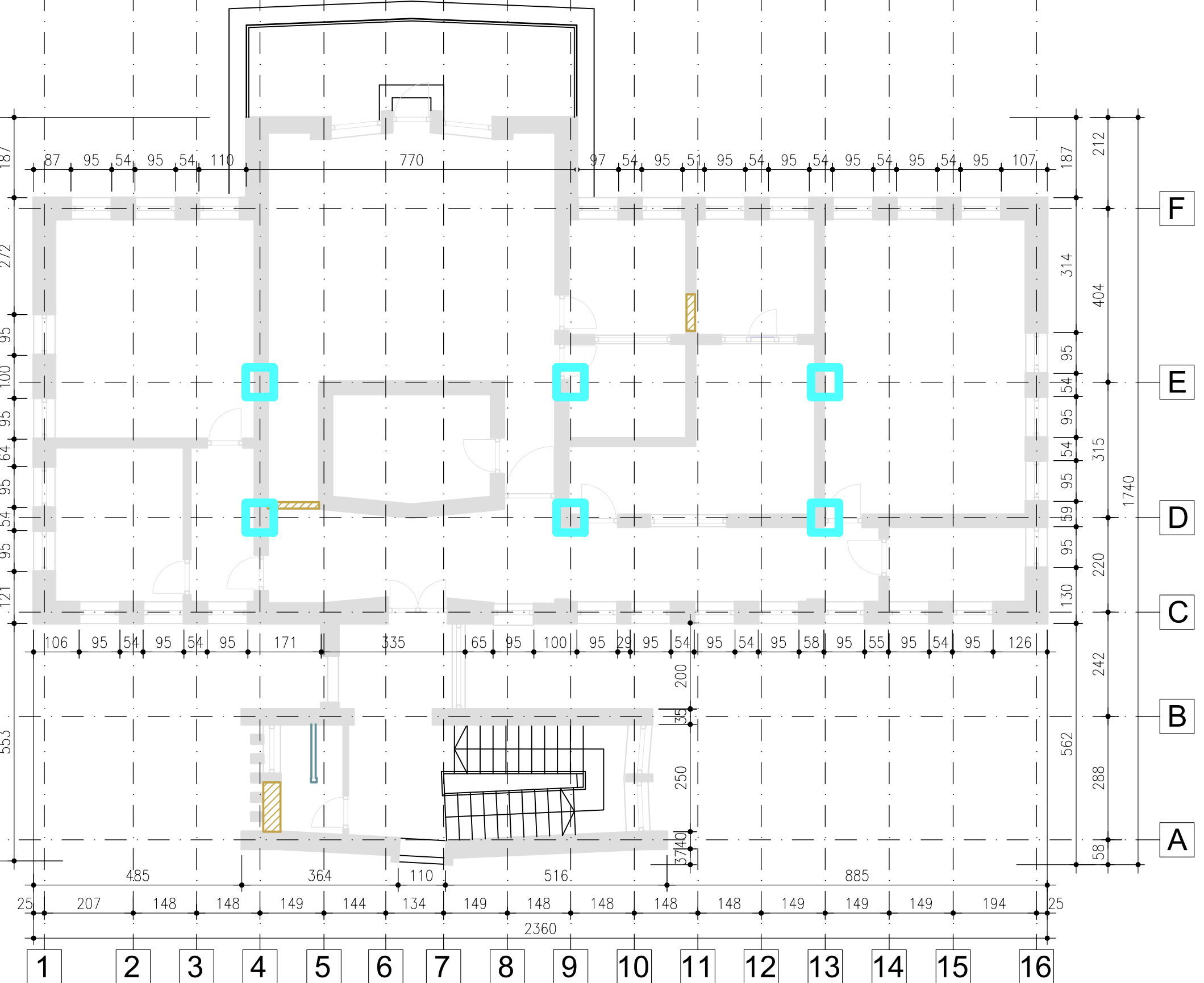


TEHNOLOGIE DE REALIZARE

- La infrastructura:
 - Refacere tencuieli degradate prin acesiunea apei in zidarie;
 - Refacere sisteme de preluare ape pluviale si indepartarea scurgerilor la o distanta de minim 1,2m de cladire dincolo de trotuar, sau preluarea apelor pluviale printr-un sistem de colectare si deversare la canalizare;
 - Se reconditioneaza trotuarele si rasturile dintre acestea si cladire. In cazul in care trotuarele nu au panta minim 5% catre exterior, se reface stratul de finisaj cu respectarea pantei sau se construiesc alte trotuare corespunzatoare
 - Se reface sistematizarea verticala si orizontala din jurul constructiei pentru eliminarea apelor din jurul constructiei. Se va analiza posibilitatea preluarii apelor pluviale direct la canalizare prin retele subterane.

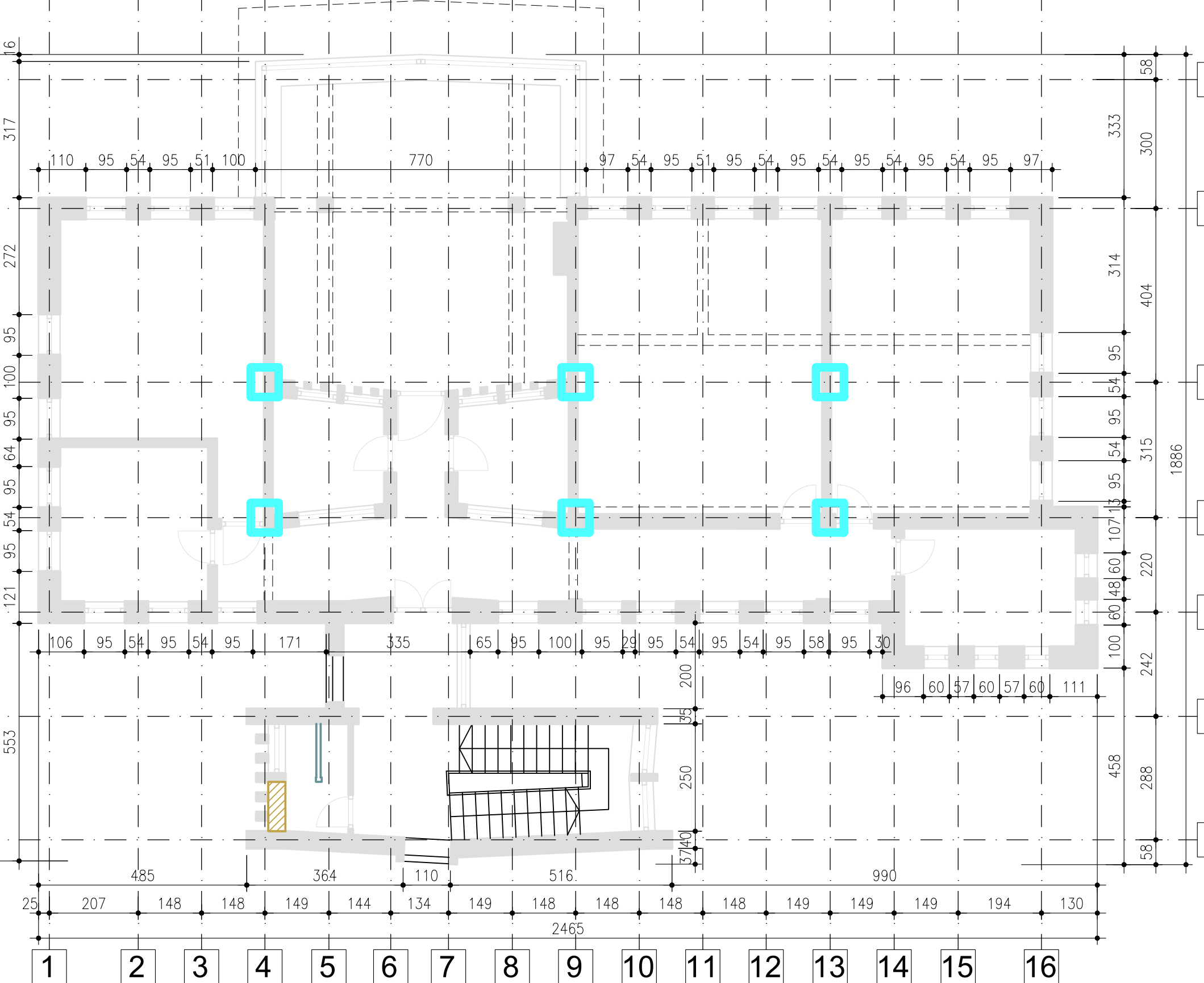
Lucrari de reparatii - Plan consolidare stalpi etaj 3/
Repair works - 3rd floor coulmn consolidation plan

Scara/Scale 1:100



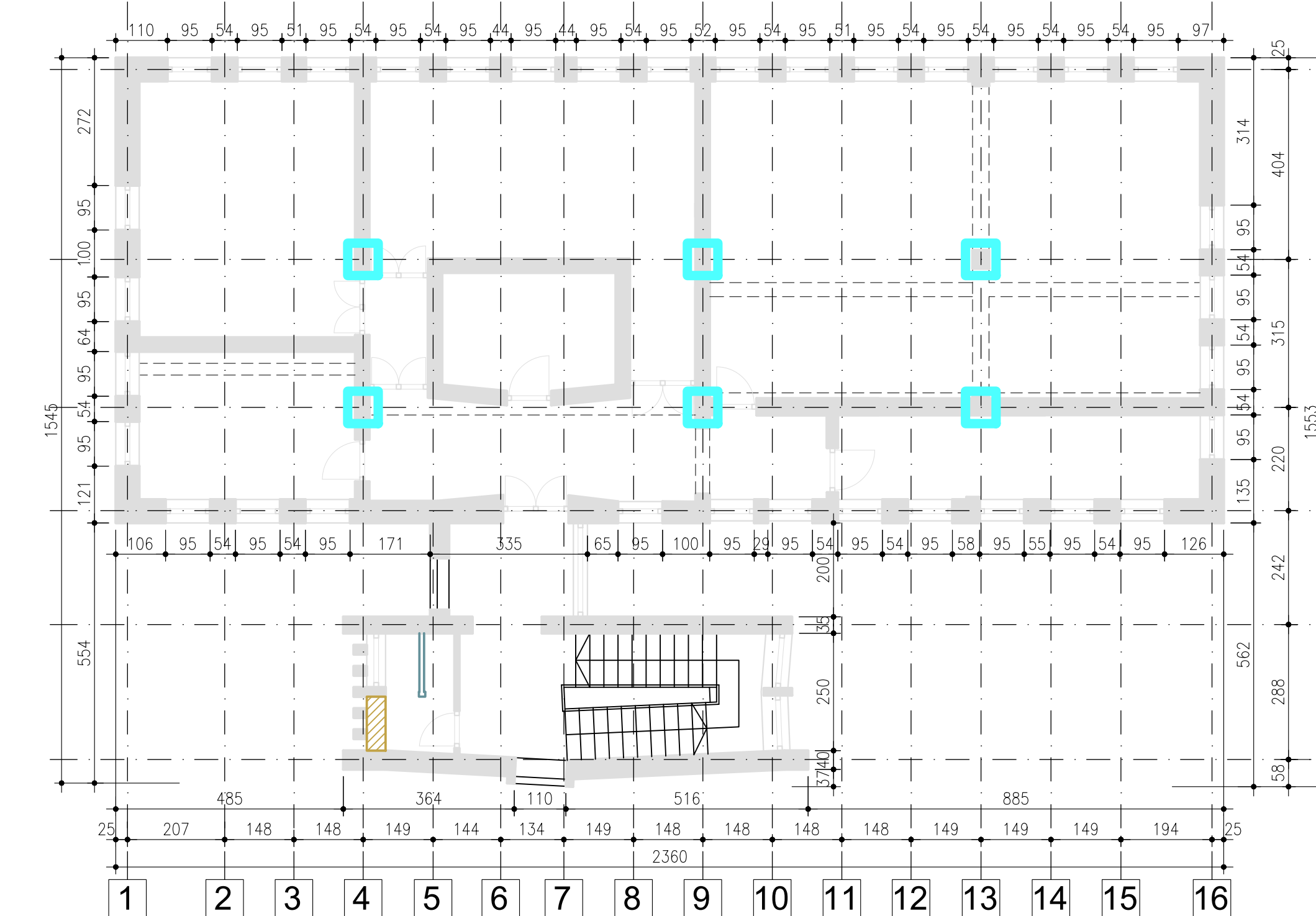
Lucrari de reparatii - Plan consolidare stalpi etaj 2/
Repair works - 2nd floor coulmn consolidation plan

Scara/Scale 1:100



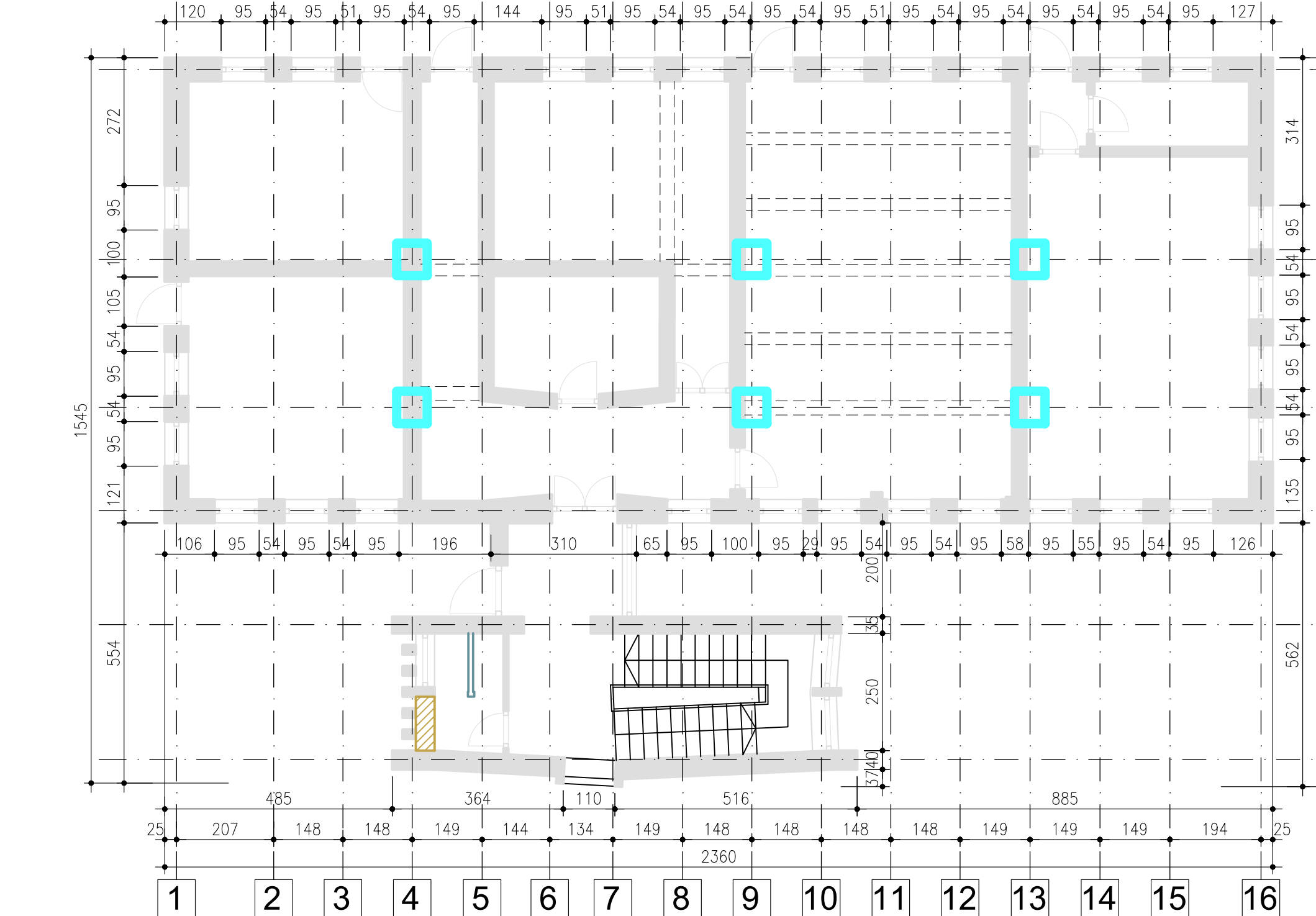
Lucrari de reparatii - Plan consolidare stalpi etaj 1/
Repair works - 1st floor coulmn consolidation plan

Scara/Scale 1:100



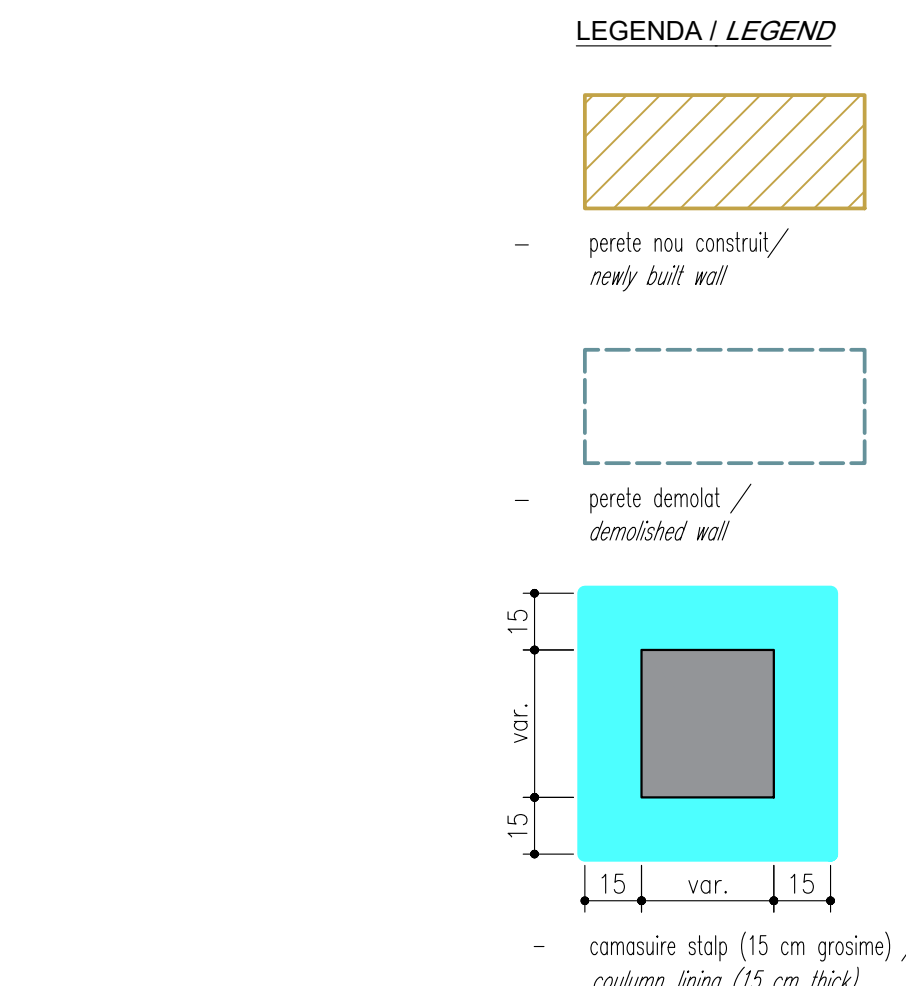
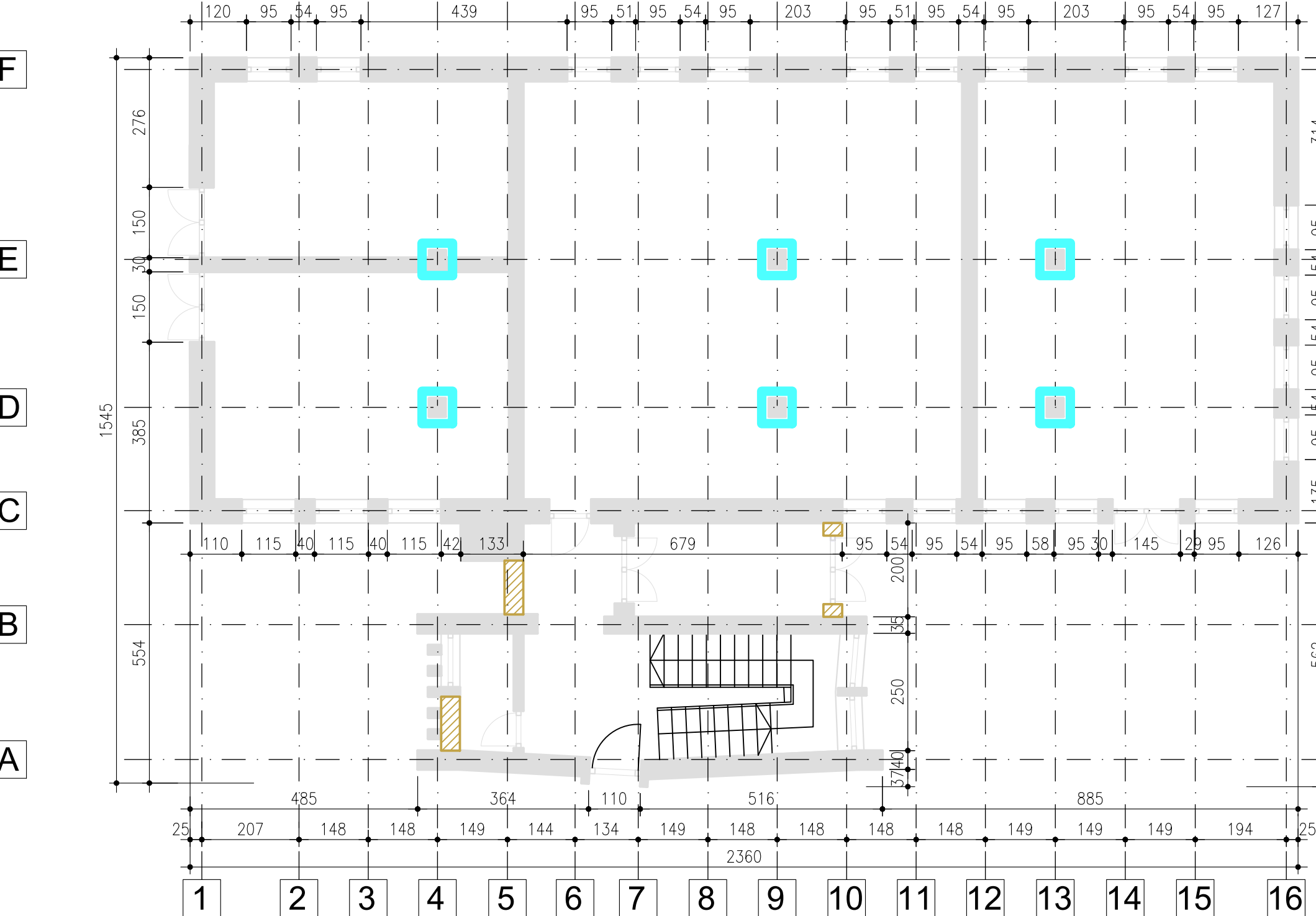
Lucrari de reparatii - Plan consolidare stalpi parter/
Repair works - ground floor coulmn consolidation plan

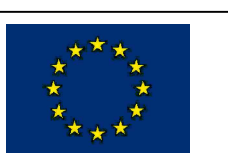
Scara/Scale 1:100



Lucrari de reparatii - Plan consolidare stalpi demisol/
Repair works - semi-basement coulmn consolidation plan

Scara/Scale 1:100



  			
			
ENTITATE CONTRACTANTA CONTRACTING ENTITY			
C.N.C.F. "C.F.R." - S.A.			
  			
CONTRACTANT CONTRACTOR			
Asocierea S.C. ISPCF S.A. - S.C. BAICONS IMPEX SRL			
Şef Proiect Project Manager	Name Name	Date Date	Semnatura Signature
ing. Viorel GORGONETU		11.2024	
Verificat Checked	ing. Dan PATRAŞCU	11.2024	
Proiectat Designed	ing. Francisca SEPRÖDI	11.2024	
"Modernizarea liniilor şi instalaţiilor din Complexul Feroviar Bucureşti" Studiu de fezabilitate			Proiect / Project 38 / 2022
"Modernization lines and installations in the Bucharest Railway Complex Feasibility Study			Faza / Phase S.F. F.S.
Denumire / Title			Scara / Scale
DEPOU BUCURESTI TRIAJ. CLADIRE ADMINISTRATIVA. LUCRARILE DE REPARATII / BUCHAREST TRIAJ DEPOT. ADMINISTRATION BUILDING. REPAIR WORKS			1:100
Codificare / Codification System			
C O B U S F R E Z D V D 3 4 0 3 0 0 1 R 0 0			
Istoric revizii / Revision History			
Rev.	Date	Descriere Modificare / Modification description	
1			
2			
3			
4			

EXECUTION TECHNOLOGY

- For the infrastructure:
 - Restoration of degraded plaster due to water infiltration into masonry.
 - Repair or replacement of rainwater drainage systems, ensuring runoff is directed a minimum of 1.2 meters away from the building, beyond the sidewalk, or channeling rainwater to the sewer system through a collection and discharge system.
 - Restoration of sidewalks and joints between sidewalks and the building. If the sidewalks lack a minimum 5% slope away from the building, the finishing layer will be replaced to maintain the slope, or new, properly sloped sidewalks will be constructed as needed.
 - Vertical and horizontal regrading around the building to eliminate water accumulation. The possibility of channeling rainwater directly to the sewer system through underground networks will be analyzed.

- For the superstructure:
 - Injection of all detected cracks in masonry and concrete elements.
 - Removal of degraded architectural elements on the facade, repair of structural elements where deterioration is identified, and installation of appropriate facade systems.
 - Restoration of handrail protections, with replacements where necessary, depending on the extent of deterioration found at the time of refurbishment.
 - Rehabilitation of sewage and rainwater drainage systems.
 - Verification and repair of terrace layers as needed.
 - Removal of finish layers on the technical floor, assessment of structural wall conditions (identifying cracks in finishes). In cases of structural deterioration, measures will include injection, reinforcement with metal mesh or carbon fiber, and finish restoration.
 - Inspection of concrete elements, with repairs as needed, including crack injection, restoration of concrete cover over reinforcements, and repairs of any areas with concrete segregation.
 - Since the building is in Seismic Risk Class RslI, structural reinforcement measures are required for central columns, with a reinforced concrete jacking of at least 15 cm on all sides. Jacking will start at the basement and continue up to the second floor, inclusive.