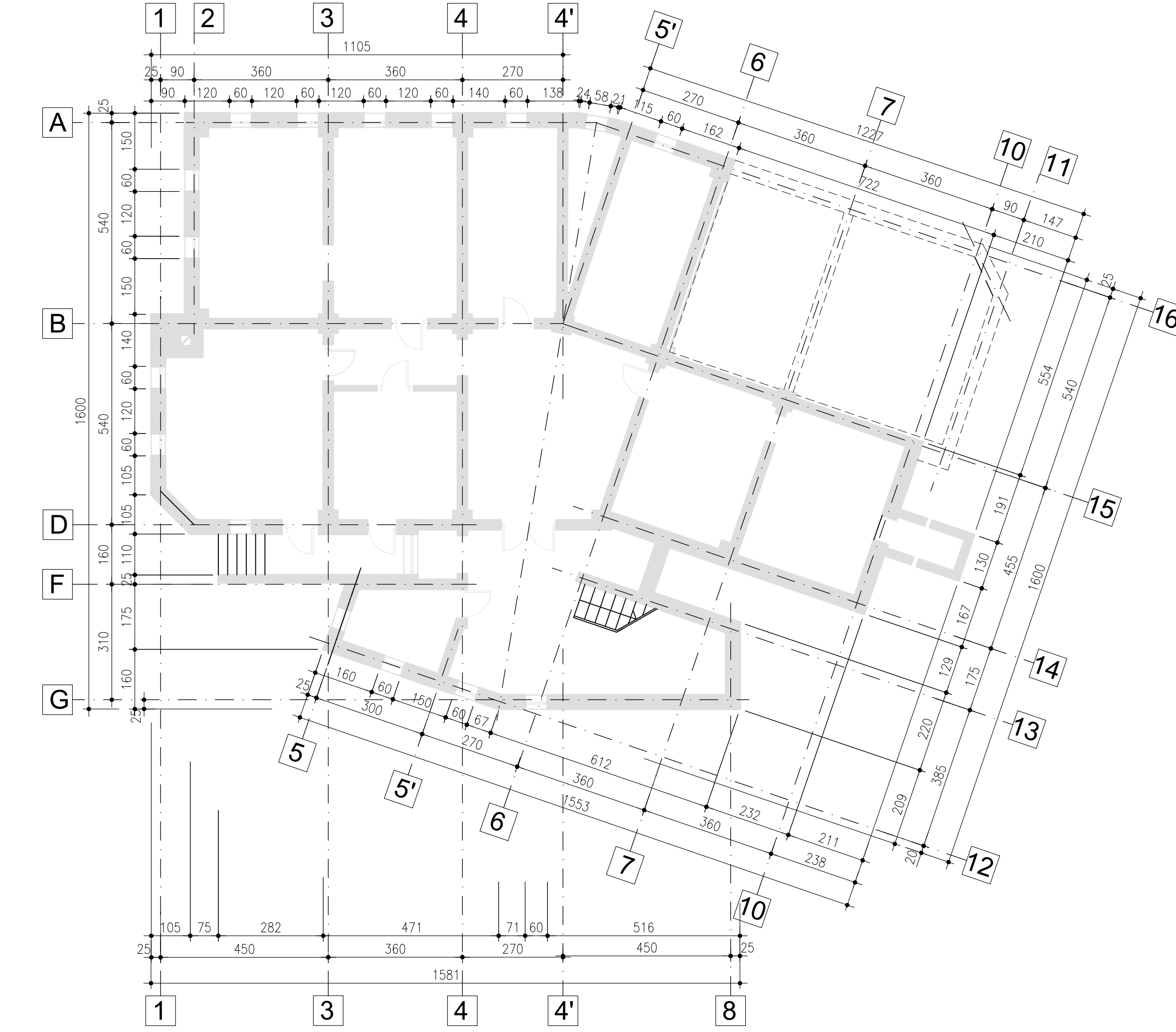


STATIA C.F. BUCURESTI NORD GRUPA A / *BUCHAREST NORTHRAILWAY STATION GROUP A*
CLADIRE CE / *CE BUILDING*

Lucrari de reparatii - Plan pereti demisol /
Repair works - semi-basement wall plan

Scara/Scale 1:100

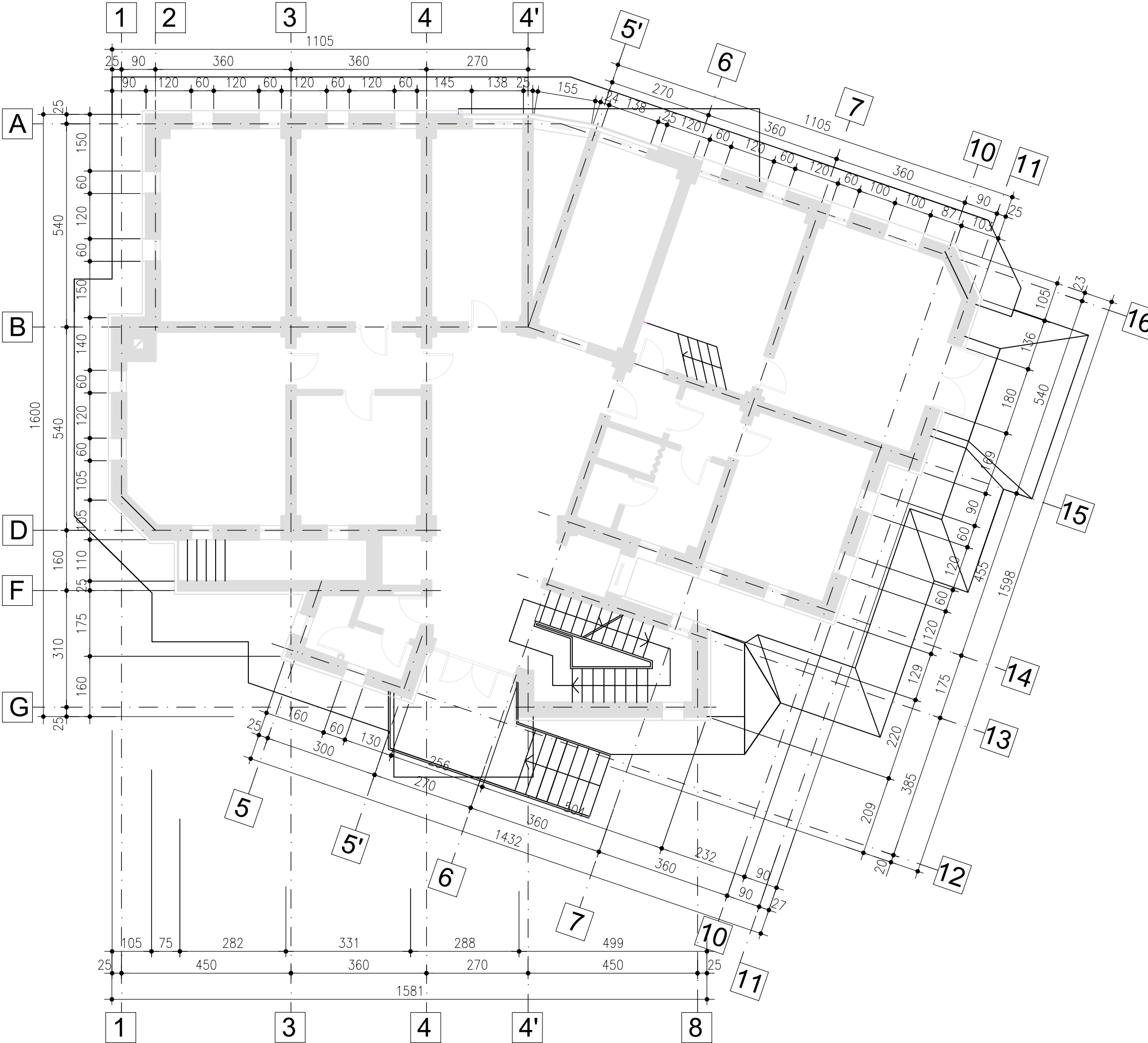


TEHNOLOGIE DE REALIZARE

- La infrastructura:
 - Refacere tencuiei 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;
 - Refacere sisteme de preluare ape pluviale din curtile de lumina sau acoperirea acestora cu structura usoara astfel incat sa se impiedice patrunderea apelor pluviale, realizarea unui sistem performant de hidroizolatii;
 - Se reconditioneaza trotuarele si rosturile 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 construieste ote 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 pereti parter /
Repair works - ground floor wall plan

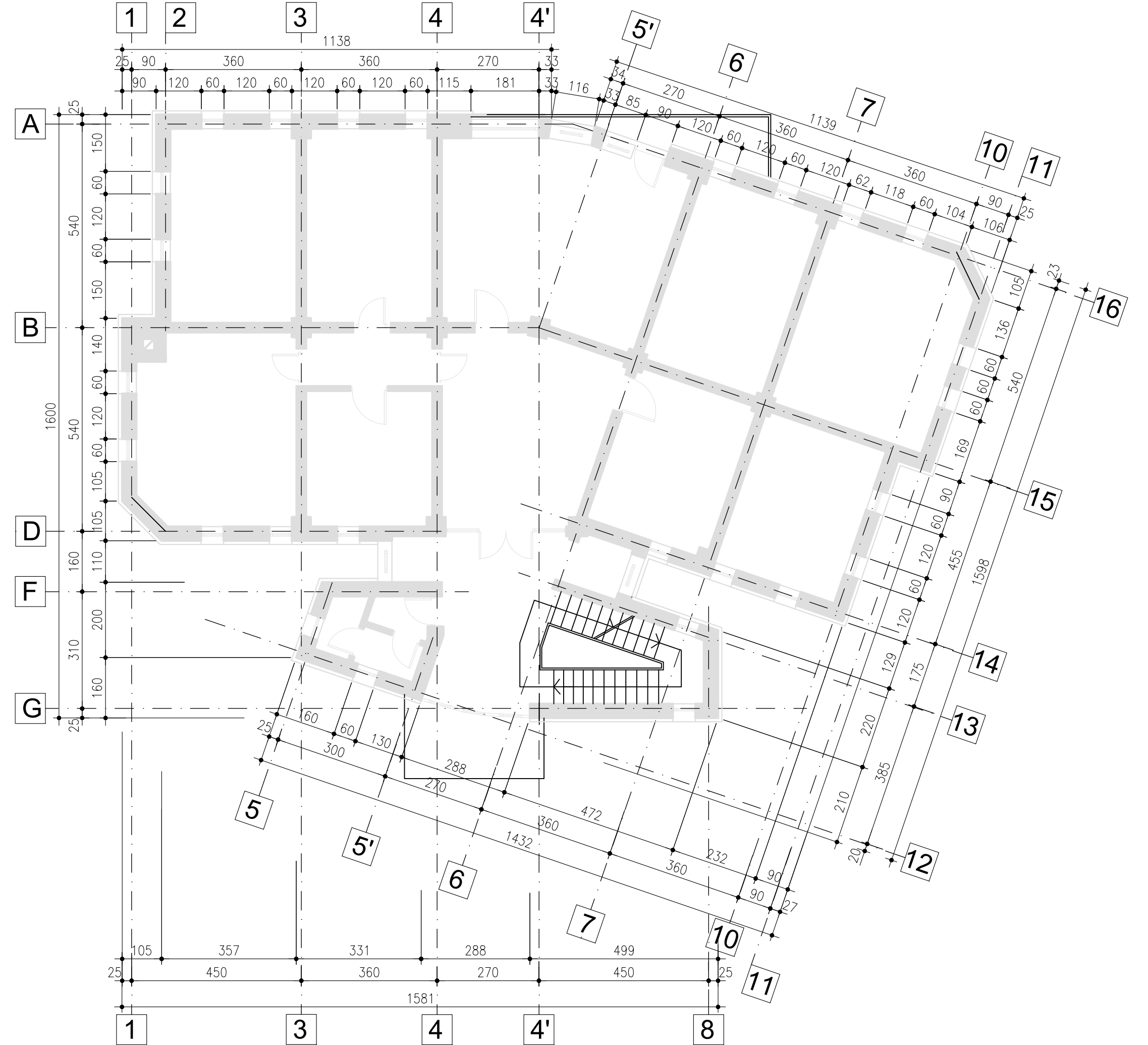
Scara/Scale 1:100



- La suprastructura:
 - Se vor injecta toate fisurile descoperite in zidarie/elemente beton;
 - Inlaturarea zonelor cu elemente arhitecturale degradate la fatada, realizarea eventualelor reparatii la elementele structurale (daca au fost identificate degradari) si refacere sisteme de fatada corespunzatoare;
 - Refacere protectii la balustrade si acolo unde este cazul inlocuirea acestora functie de degradarile gasite la data reconditionarii;
 - Reconditionare sisteme de instalatii canalizare si pluviale;
 - Verificare straturi terasa si realizarea reparatiilor ce se impun;
 - Decopertare finisaje la etaj tehnic si identificare stare pereti structurali (zone cu fisuri in finisaje). In cazul in care se constata degradari structurale se iau masuri de injectare si placare cu plase metalice sau fibra de carbon si refacere finisaje;
 - Verificarea elementelor de beton, repararea acestora dupa caz si necesitate inclusiv injectarea fisurilor, refacere acoperire cu beton a armaturilor, reparatii eventuale zone cu segregari de betoane;

Lucrari de reparatii - Plan pereti etaj 1 /
Repair works - 1st floor wall plan

Scara/Scale 1:100

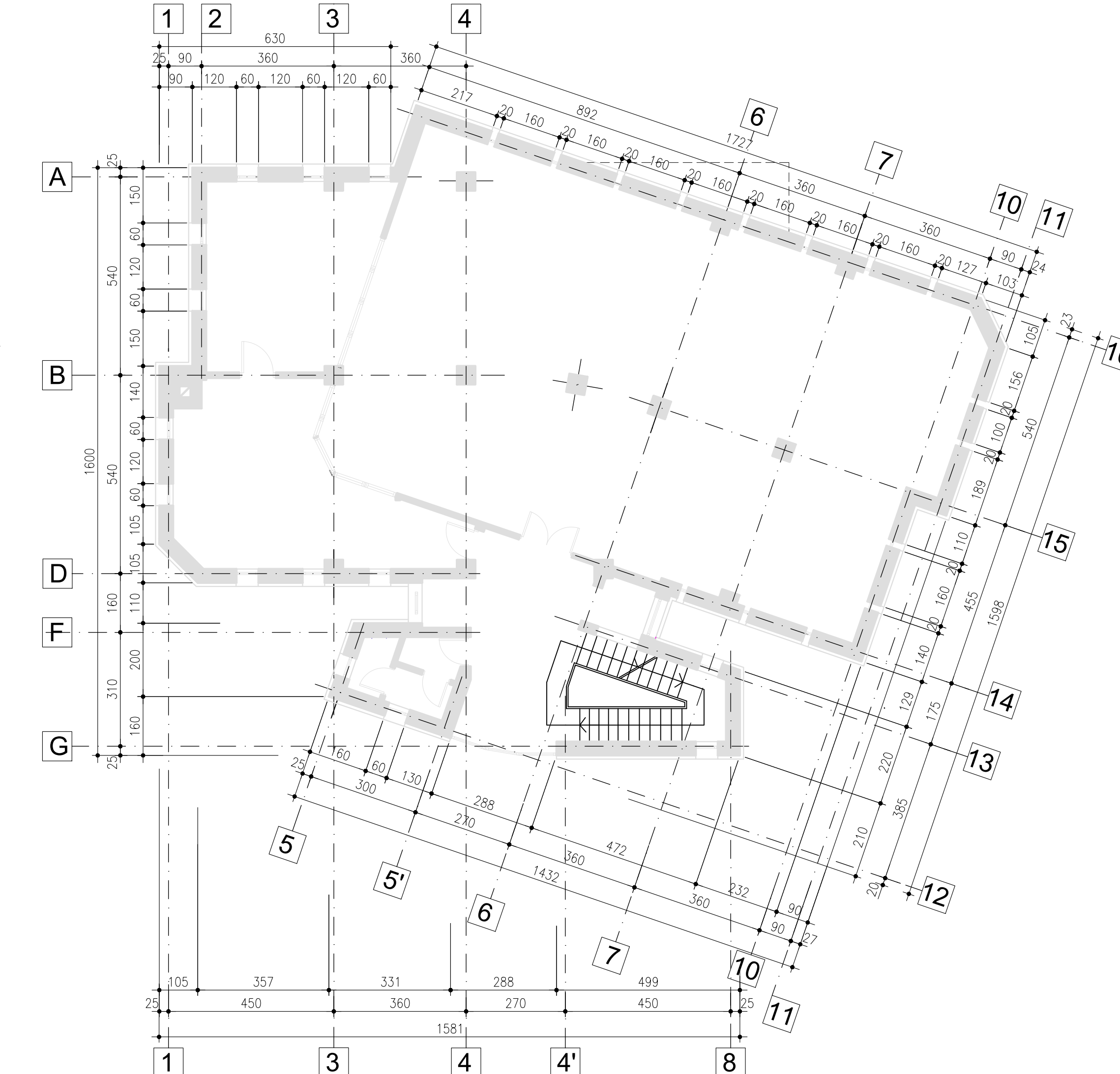


EXECUTION TECHNOLOGY

- For the infrastructure:
 - Restoration of degraded plaster affected by water infiltration into the masonry.
 - Repair or replacement of rainwater drainage systems, directing runoff to a minimum distance of 1.2 meters from the building, beyond the sidewalk, or channeling rainwater directly to the sewage system through a collection and discharge system.
 - Restoration of rainwater drainage systems for light wells or covering them with a lightweight structure to prevent rainwater penetration; implementation of a high-performance waterproofing system.
 - Restoration of sidewalks and the joints between the sidewalks and the building. If the sidewalks do not have a minimum 5% slope away from the building, the finishing layer will be replaced to ensure the required slope, or new sidewalks will be constructed as needed.
 - Adjusting the grading around the building to facilitate water drainage away from the structure. The possibility of directly diverting rainwater to the sewage system through underground networks will be evaluated.

Lucrari de reparatii - Plan pereti etaj 2 /
Repair works - 2nd floor wall plan

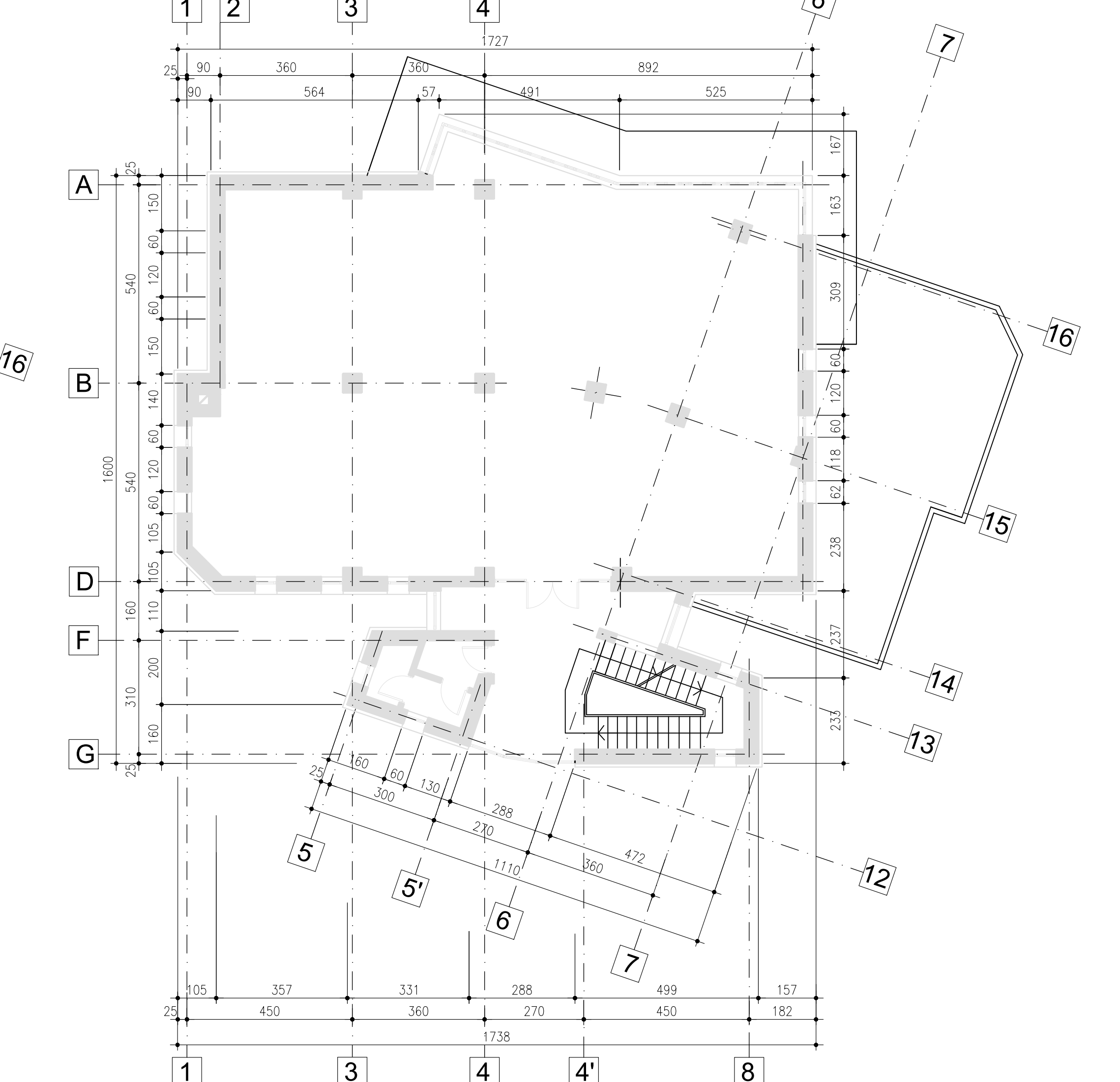
Scara/Scale 1:100



- For the superstructure:
 - Injection of all discovered cracks in masonry or concrete elements.
 - Removal of degraded architectural elements on the façade, repair of any structural elements if deterioration is detected, and installation of proper façade systems.
 - Restoration of handrail protections and replacement where necessary, depending on the extent of damage found during refurbishment.
 - Rehabilitation of sewage and rainwater drainage systems.
 - Verification of terrace layers and carrying out necessary repairs.
 - Removal of finish layers on the technical floor and assessment of the condition of structural walls (checking for cracked finish areas). If structural deterioration is found, necessary measures will include injection and reinforcement with metal mesh or carbon fiber, followed by finish restoration.
 - Inspection of concrete elements, repair as needed, including crack injection, concrete cover restoration on reinforcements, and repair of any areas with concrete segregation.

Lucrari de reparatii - Plan pereti etaj 3 /
Repair works - 3rd floor wall plan

Scara/Scale 1:100



ENTITATE CONTRACTANTA CONTRACTING ENTITY		C.N.C.F. "C.F.R." - S.A.	
CONTRACTANT CONTRACTOR		Asociere S.C. ISPCF S.A. - S.C. BAICONS IMPEX SRL	
Set Project Project Manager	Nume Name	Data Date	Semnatura Signature
Verificat Checked	ing. Violel GORGONETU	11.2024	
Proiectat Designed	ing. Francisca SEPRÖDI	11.2024	
"Modernizarea liniilor și instalațiilor din Complexul Feroviar București" 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 STATIA C.F. BUCURESTI NORD GRUPA A. CLADIRE CE. LUCRARI DE REPARATII / BUCHAREST NORTH RAILWAY STATION GROUP A. CE BUILDING. REPAIR WORKS			Scara / Scale 1:100
Codificare / Codification System C O B U S F R E Z D V D 3 3 0 3 0 0 2 R 0 0			
Istoric revizii / Revision History			
Rev.	Data/Date	Descriere Modificare / Modification description	
1			
2			
3			
4			