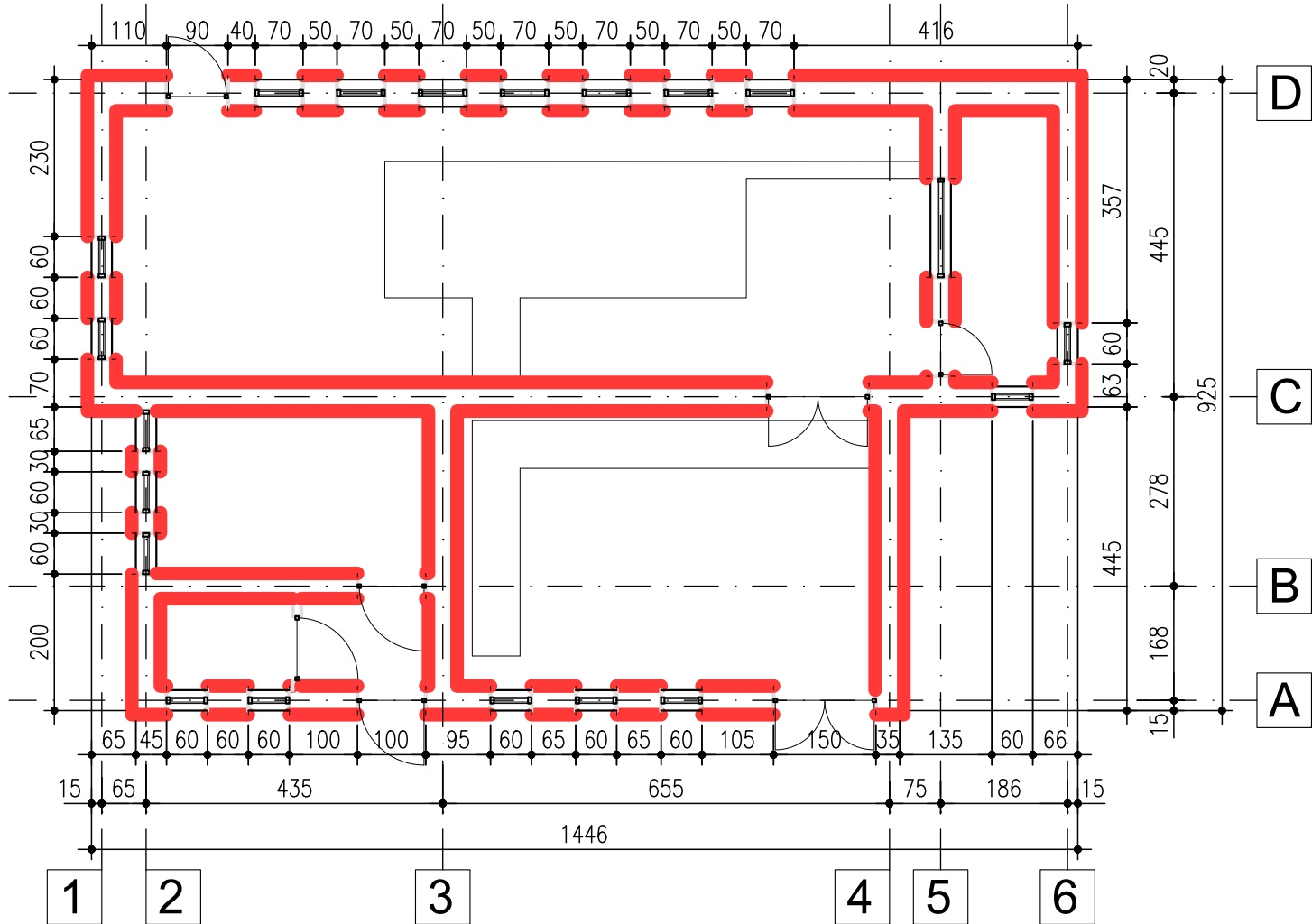


SUBSTATIE DE TRACTIUNE PASAREA / PASAREA TRACTION SUBSTATION  
CLADIRE BLOC COMANDA / BCC BUILDING

Lucrari de reparatii - Plan consolidare pereti parter /  
Repair works - ground floor wall consolidation plan

Scara/Scale 1:100



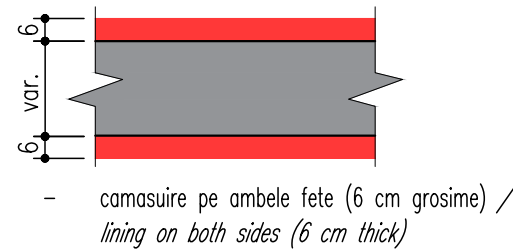
TEHNOLOGIE DE REALIZARE

- La infrastructura:
  - Se extinde verificarea fundatiilor atat ca adancime cat si ca latime plus aspect structural. In cazul in care se constata cote de fundatie in teren umplutura sau deasupra cotei de inghet, se vor realiza subsidiri locale in ploturi. In cazul in care se constata fisuri, beton colmatat se vor realiza reparatii prin injectari.
  - Realizare hidroizolatie exterioara la fundatii
  - Realizare sistem de tip Freeztec pentru impiedicarea urcarii apei prin capilaritate;
  - Refacere tencuieli degradate prin accesiunea apei in zidarie;
- La suprastructura :
  - Se vor injecta toate fisurile descoperite in zidarie/elemente beton;
  - Tinand cont ca constructiile se afla in zona seismica cu  $ag=0.30g$  si coreland acesta cu cerintele normativului P100/1-2013 in care se specifica numarul maxim de niveluri acceptate pentru constructiile de tip ZNA, tinad cont de degradarile observate in peretii de zidarie, pentru imbunatatirea conditiilor de siguranta structurala propunem consolidarea peretilor de zidarie cu camasiuala armata minim 5-6cm grosime pe ambele parti si plasa de tip STNB minim  $\varnothing 6/100*6/100$ .

EXECUTION TECHNOLOGY

- For the infrastructure:
  - The foundation inspection will be extended to verify both depth and width, as well as structural aspects. If the foundation levels are found to be in fill soil or above the frost depth, local underpinning in sections will be carried out. If cracks or compromised concrete are found, repairs will be made through injection techniques.
  - Installation of external waterproofing on foundations.
  - Implementation of a Freeztec system to prevent capillary rise of water.
  - Restoration of degraded plaster affected by water infiltration into the masonry.
- For the superstructure :
  - All cracks discovered in the masonry or concrete elements will be injected.
  - Considering that the structures are located in a seismic zone with  $ag=0.30g$  and aligning with the requirements of the P100/1-2013 code, which specifies the maximum number of floors permitted for URM-type constructions, and considering the observed degradation in masonry walls, we propose reinforcing the masonry walls with reinforced jacketing, with a minimum thickness of 5-6cm on both sides and STNB mesh of at least  $\varnothing 6/100*6/100$ .

LEGENDA / LEGEND



|                                                                                                                                                                     |                        |                                                                                                 |                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------|-------------------------------------------------------------------------------------------------|--------------------------------|
| <div><div></div><div></div><div></div></div>                                                                                                                        |                        |                                                                                                 |                                |
| ENTITATE CONTRACTANTA<br>CONTRACTING ENTITY                                                                                                                         |                        | <div></div> <div>C.N.C.F. "C.F.R." - S.A.</div>                                                 |                                |
| CONTRACTANT<br>CONTRACTOR                                                                                                                                           |                        | <div><div></div><div></div></div> <div>Asocierea S.C. ISPCF S.A. - S.C. BAICONS IMPEX SRL</div> |                                |
|                                                                                                                                                                     | Nume<br>Name           | Data<br>Date                                                                                    | Semnatura<br>Signature         |
| Şef Proiect<br>Project Manager                                                                                                                                      | ing. Viorel GORGONETU  | 11.2024                                                                                         |                                |
| Verificat<br>Checked                                                                                                                                                | ing. Dan PĂTRAŞCU      | 11.2024                                                                                         |                                |
| Proiectat<br>Designed                                                                                                                                               | ing. Franciska SEPRŐDI | 11.2024                                                                                         |                                |
| "Modernizarea liniilor şi instalaţiilor din<br>Complexul Feroviar Bucureşti"<br>Studiu de fezabilitate                                                              |                        |                                                                                                 | Proiect / Project<br>38 / 2022 |
| "Modernization lines and installations in the<br>Bucharest Railway Complex<br>Feasibility Study                                                                     |                        |                                                                                                 | Faza / Phase<br>S.F.<br>F.S.   |
| Denumire / Title<br>SUBSTATIE DE TRACTIUNE PASAREA.<br>CLADIRE BLOC COMANDA. LUCRARI DE REPARATII. /<br>PASAREA TRACTION SUBSTATION.<br>BBC BUILDING. REPAIR WORKS. |                        |                                                                                                 | Scara / Scale<br>1:100         |
| Codificare / Codification System<br><div>COBU SF REZ DVD 08 12 001 R00</div>                                                                                        |                        |                                                                                                 |                                |
| Istoricul reviziilor / Revision History                                                                                                                             |                        |                                                                                                 |                                |
| Rev.                                                                                                                                                                | Data/Date              | Descriere Modificare / Modification description                                                 |                                |
| 1                                                                                                                                                                   |                        |                                                                                                 |                                |
| 2                                                                                                                                                                   |                        |                                                                                                 |                                |
| 3                                                                                                                                                                   |                        |                                                                                                 |                                |
| 4                                                                                                                                                                   |                        |                                                                                                 |                                |