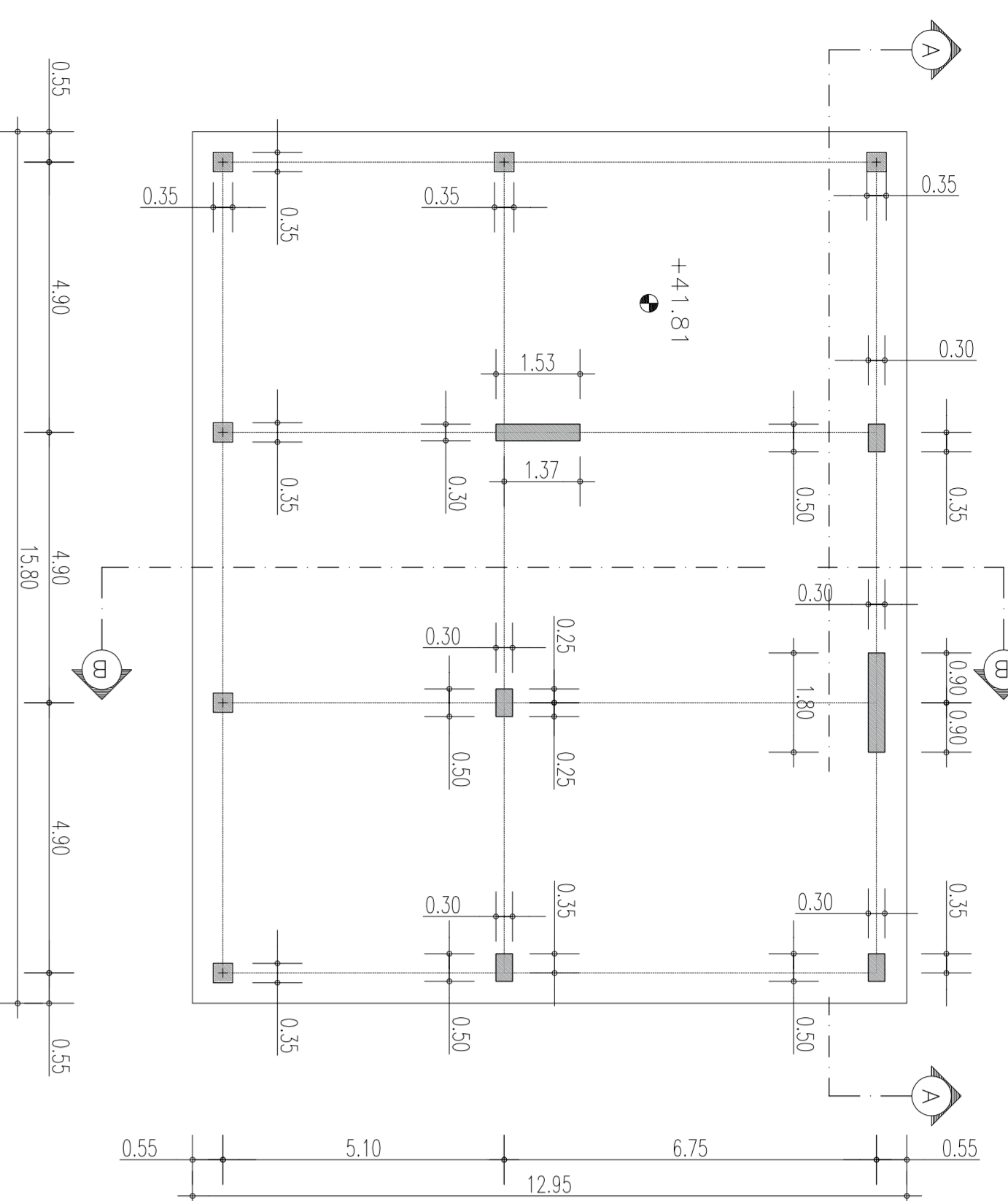


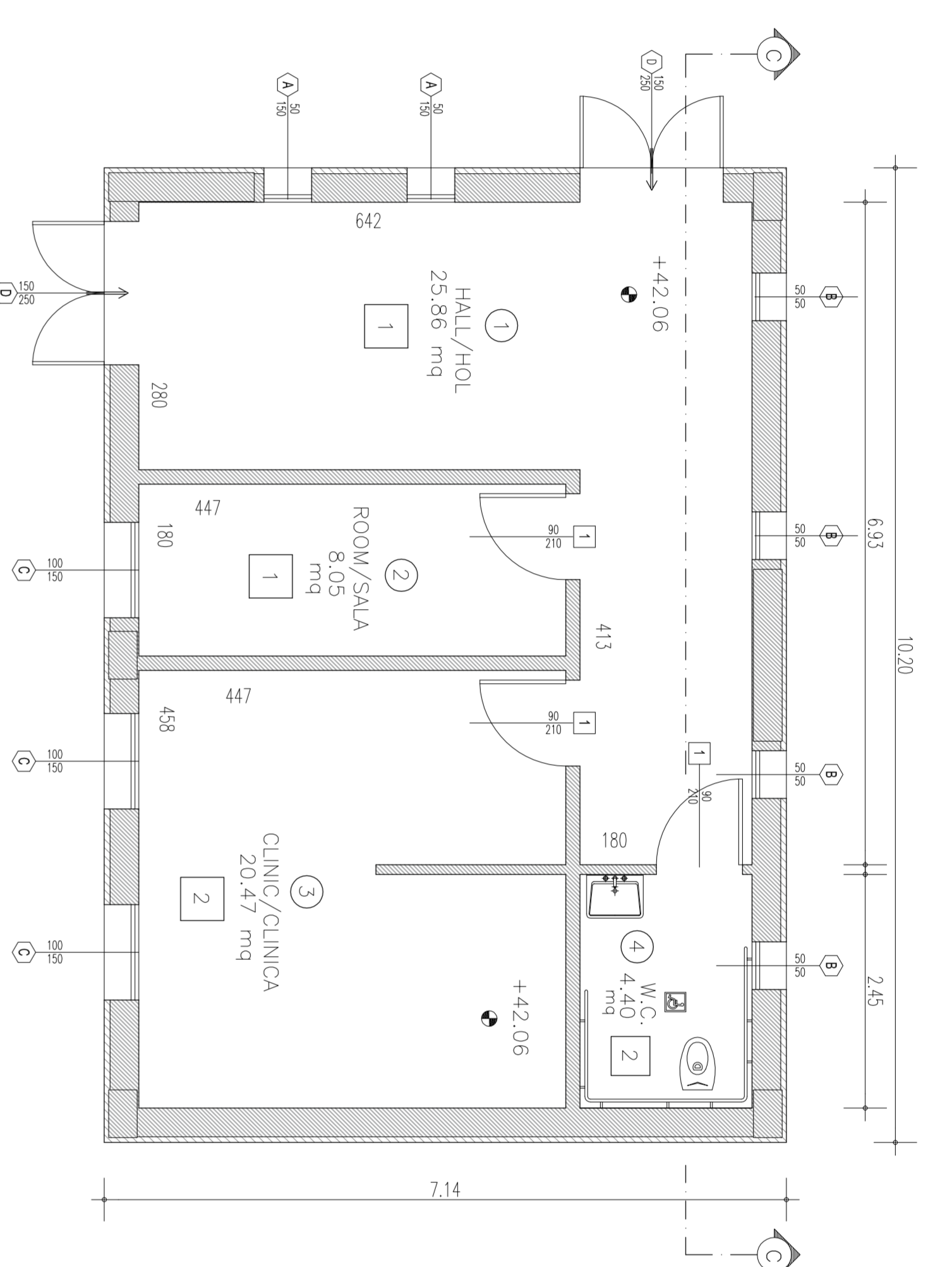
PILLARS PLAN/PLAN DE STALPI

Scale/Scale 1:100



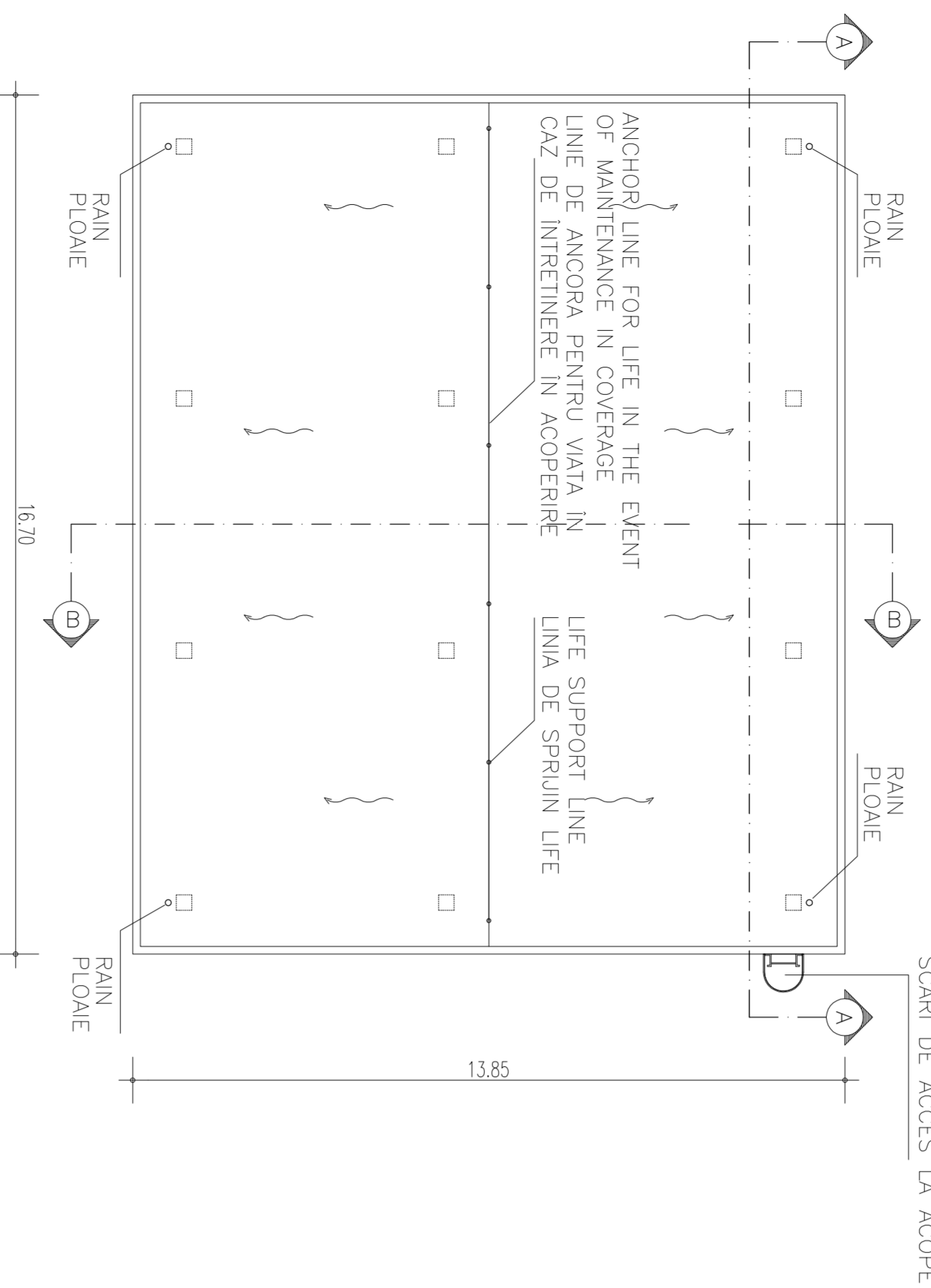
PLAN

Scale/Scale 1:50



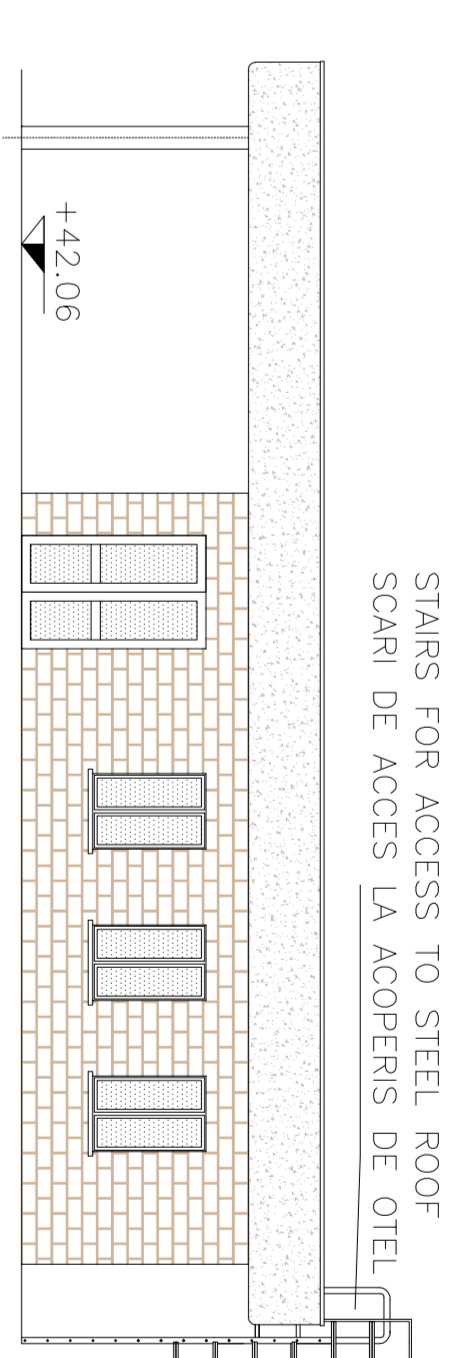
ROOF PLAN/PLAN DE ACOPERIS

Scale/Scale 1:100



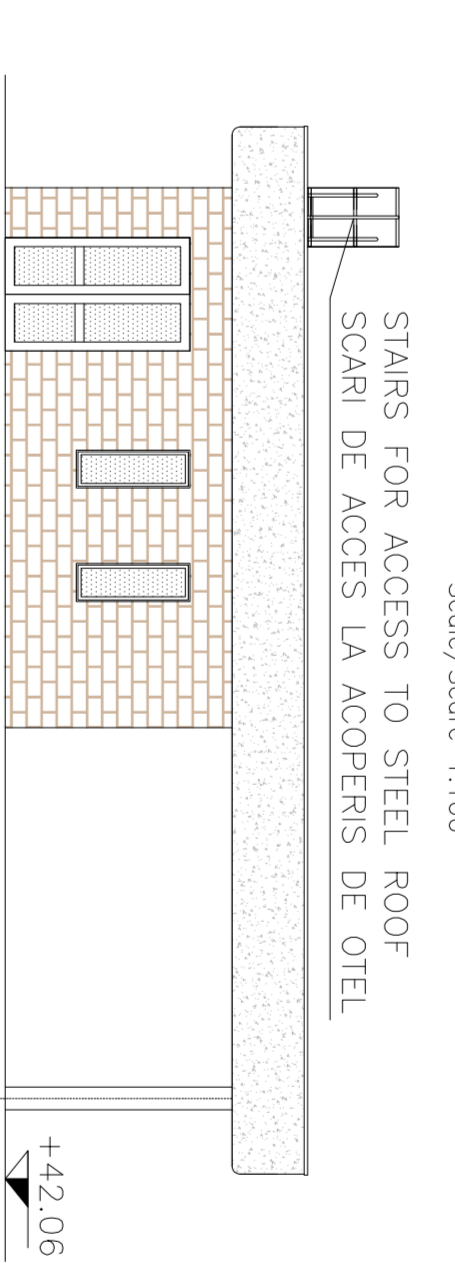
FRONT ELEVATION NORTH-WEST/
FRONT ELEVATIE NORD-OVEST

Scale/Scale 1:100



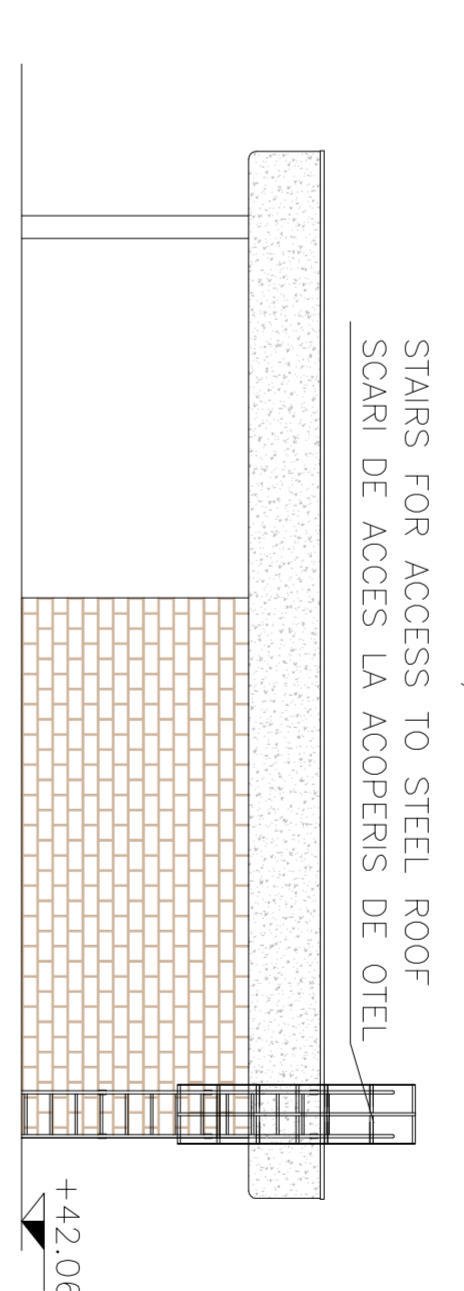
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FRONT ELEVATIE NORD-EST

Scale/Scale 1:100



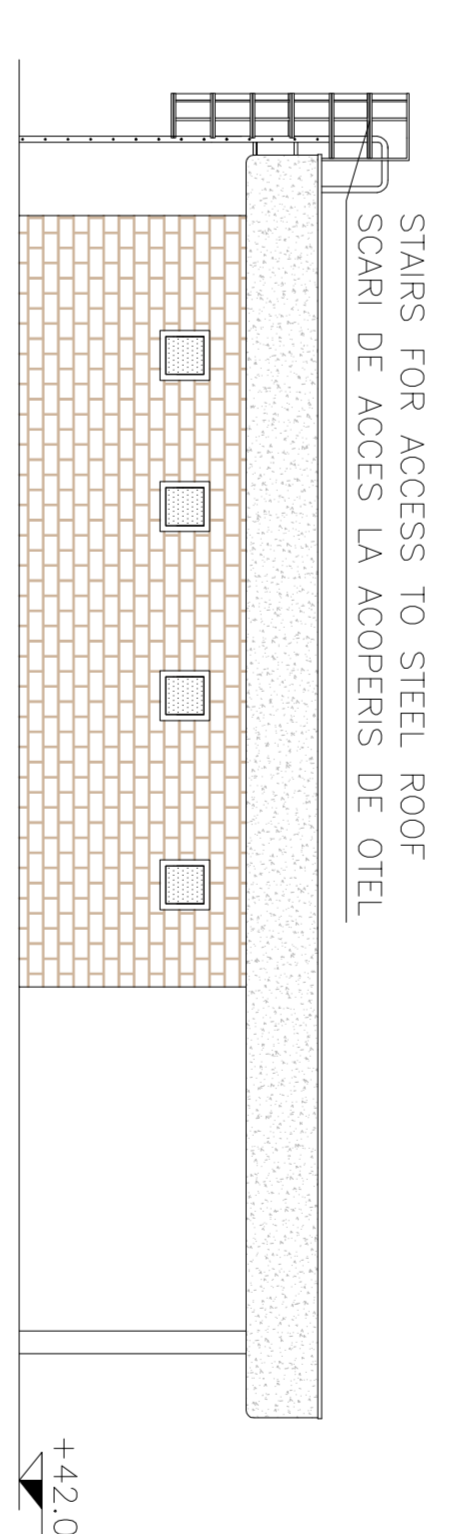
FRONT ELEVATION SOUTH-WEST/
FRONT ELEVATIE SUD-OVEST

Scale/Scale 1:100



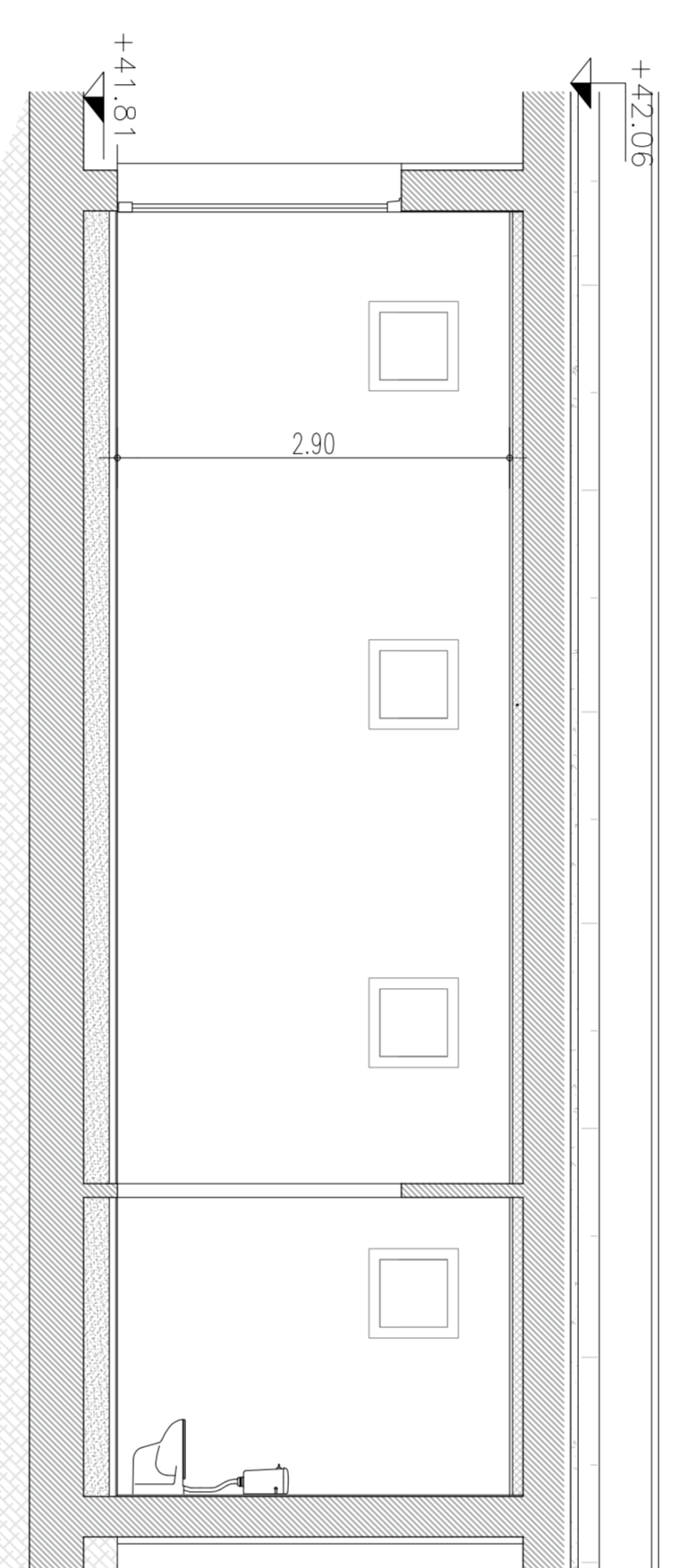
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FRONT ELEVATIE SUD-EST

Scale/Scale 1:100



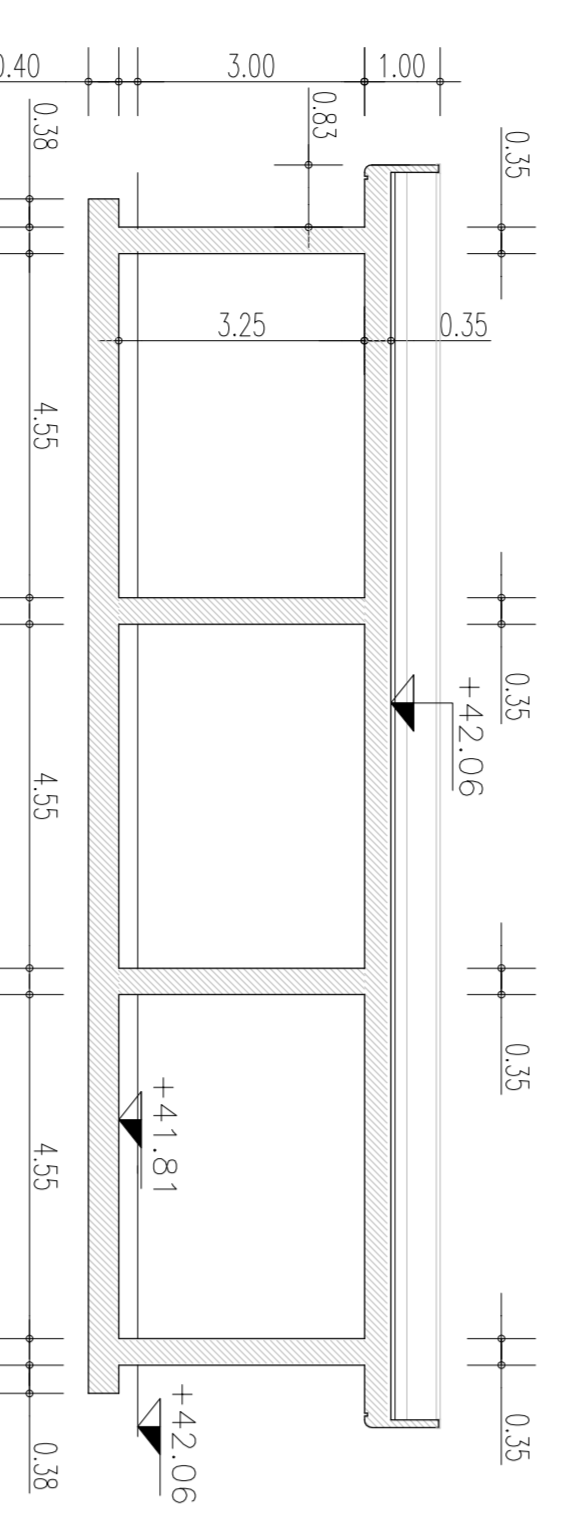
SECTION C-C/SECTIUNEA C-C

Scale/Scale 1:50



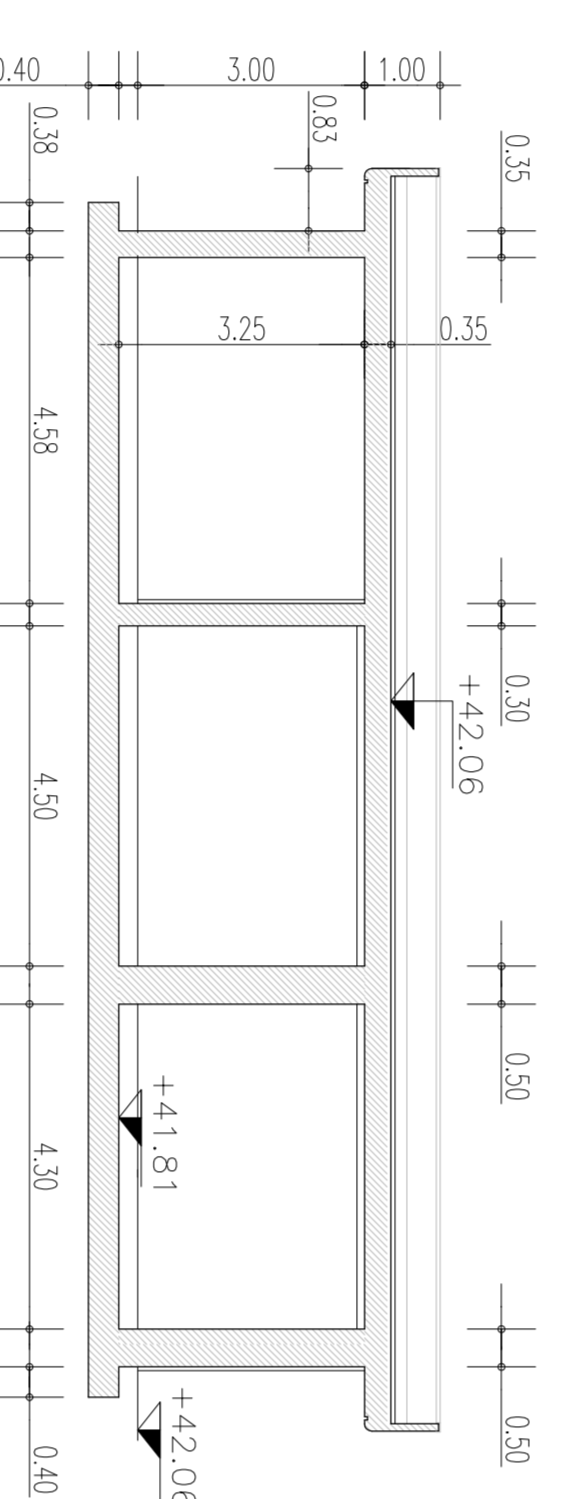
SECTION 1-1/SECTIUNEA 1-1

Scale/Scale 1:100



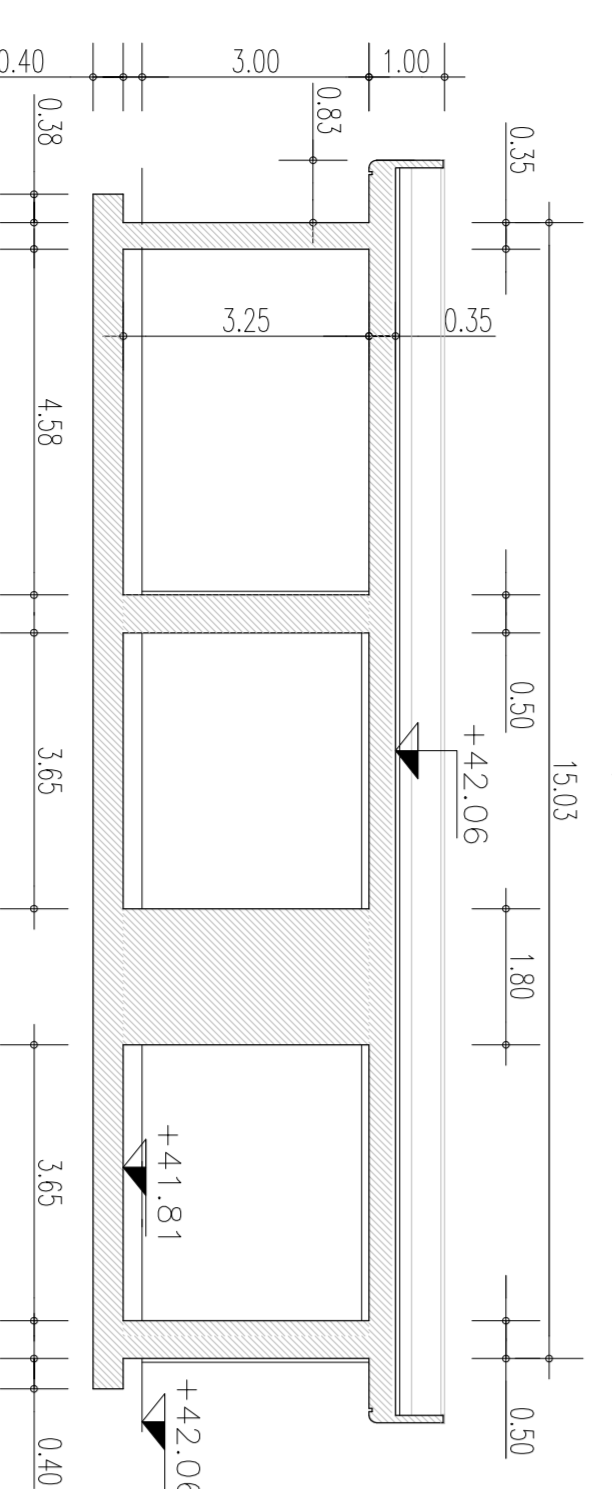
SECTION 2-2/SECTIUNEA 2-2

Scale/Scale 1:100



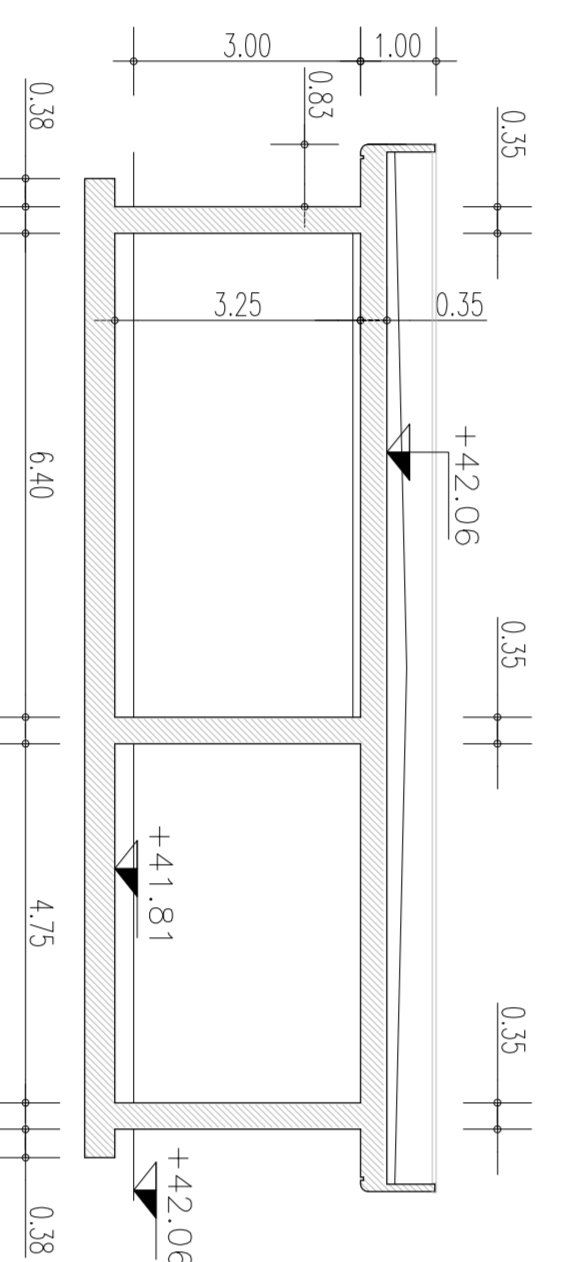
SECTION 3-3/SECTIUNEA 3-3

Scale/Scale 1:100



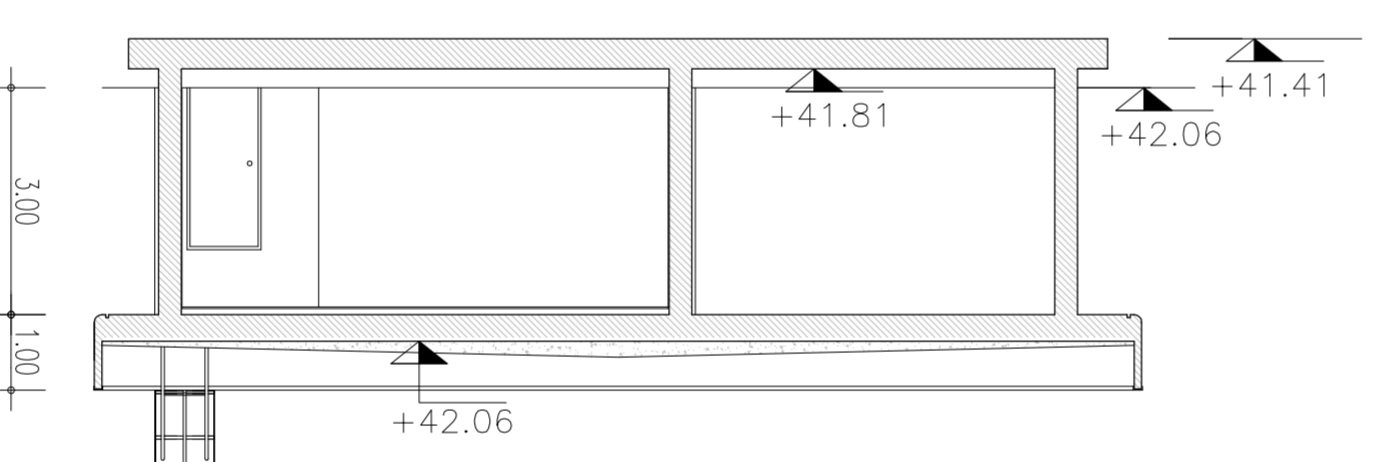
SECTION 4-4/SECTIUNEA 4-4

Scale/Scale 1:100



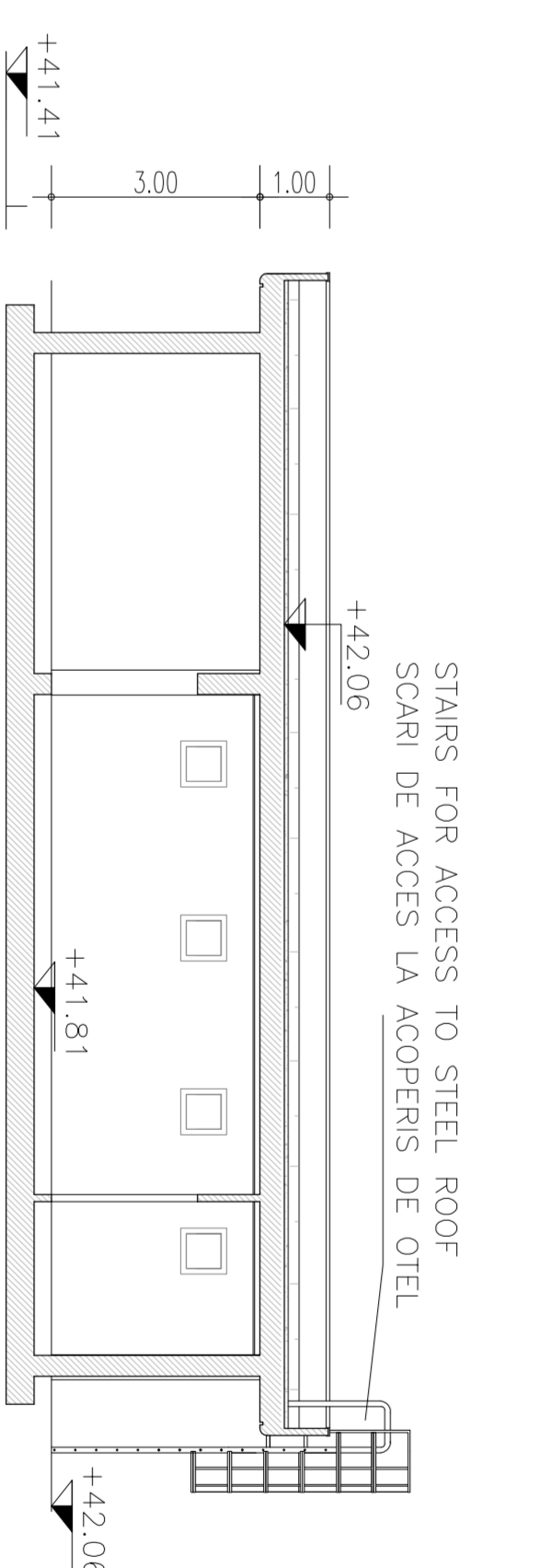
SECTION B-B/SECTIUNEA B-B

Scale/Scale 1:100



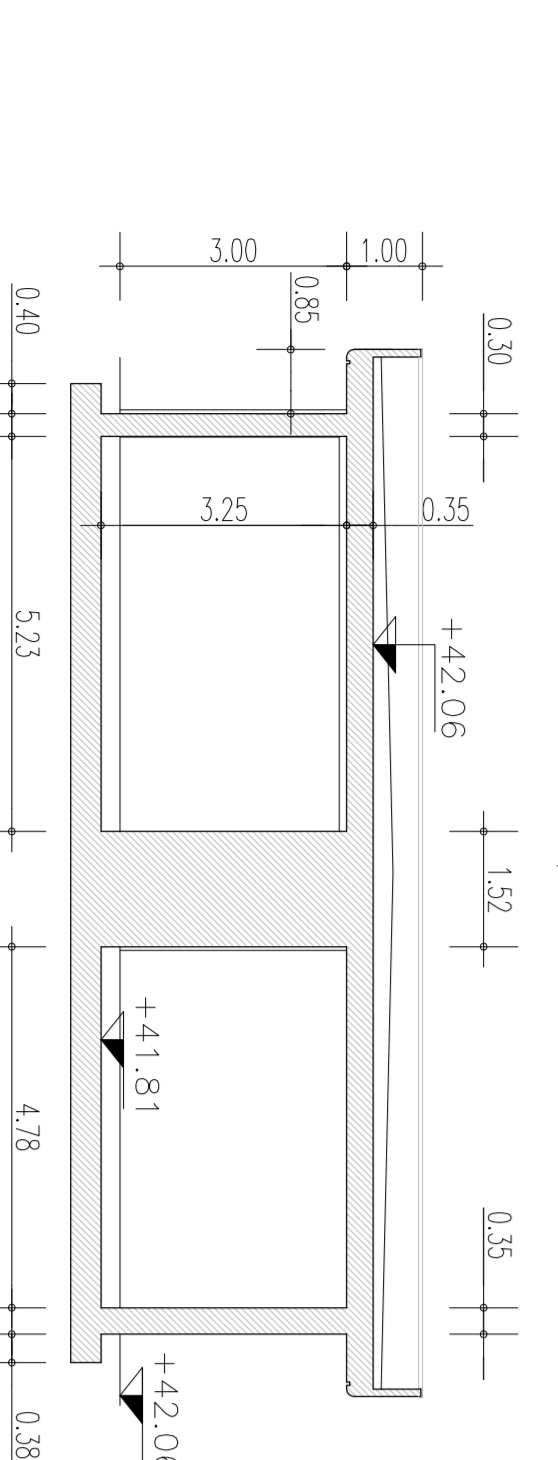
SECTION A-A/SECTIUNEA A-A

Scale/Scale 1:100



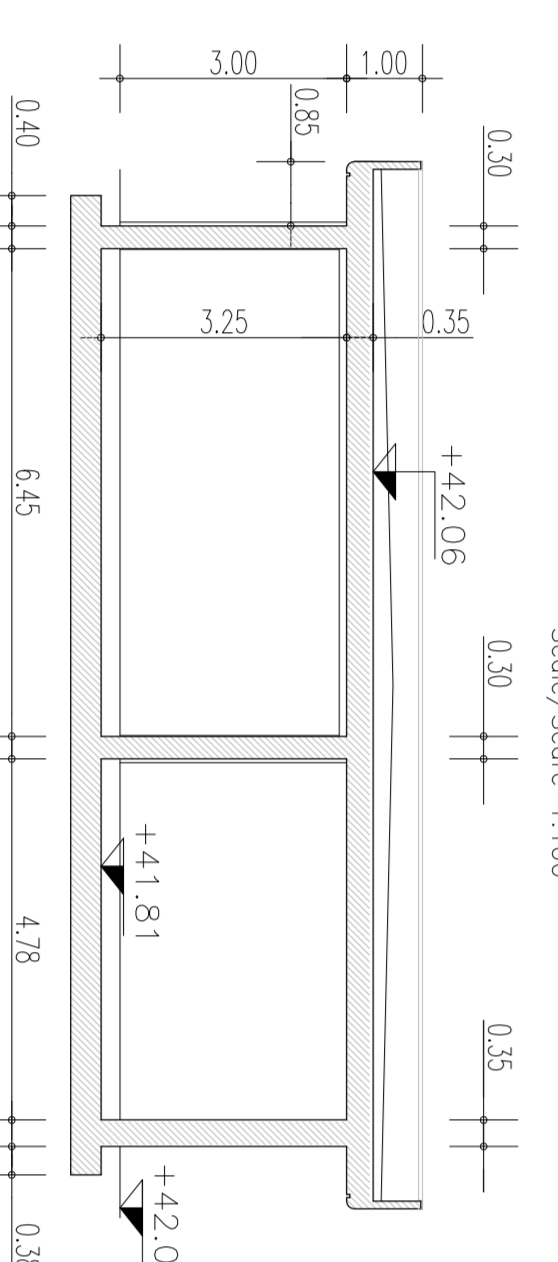
SECTION 5-5/SECTIUNEA 5-5

Scale/Scale 1:100



SECTION 6-6/SECTIUNEA 6-6

Scale/Scale 1:100



MATERIAL TABLE

SLAB CONCRETE	
-	Type C30/37
-	Water/cement ratio <math>< 0.50</math>
-	Minimum structural Class S3/S4
-	Compliance with EN 12607 to environmental conditions M2
-	Cement type CEM III/V
-	Class of chloride content C 0.20
-	ø min aggregate = 30 mm
REINFORCING STEEL	
-	B500 confirmed by establishment
-	Mesh size
LEAN CONCRETE	
-	Type 1
-	Class $>= 12$ M30
-	Cement type CEM III/V

Index	Date	Description	Project Lead	Approved
A	2004	Modifications	C. Gherasim	C. Gherasim
B	2004	Final Design	C. Gherasim	C. Gherasim
C	2004	Construction	C. Gherasim	C. Gherasim

CLIENT / CLIENT
GOVERNUL ROMANIEI
ROMANIAN GOVERNMENT
 PROIECT FINANȚATE DE UNIUNEA EUROPEANA
 EUROPEAN UNION FINANCED PROJECT

CLIENT / CLIENT
C.N.C.F. "C.F.R." - S.A.

CONSULTANT / CONSULTANT
TECNIC
 CONSULTING ENGINEERS

CONSULTANT / SUBCONSULTANT
OBERMEYER
 CONSULTING ENGINEERS

Position	Name	Signature
Project Manager	R. Lutuza	[Signature]
Technical Director	C. Gherasim	[Signature]
Structural Engineer	C. Gherasim	[Signature]
Site Engineer	C. Gherasim	[Signature]
Author	C. Gherasim	[Signature]

PROIECT/PROJECT
 2004/RO/7872/002
FAZA / PHASE:
 P.T.H. / T.O.

Denumire desen / Drawing Title:
ORMENIS TUNEL

Building height / Inălțimea: 10.00m
Construction of slab/deck: plans, sections & details

CS&R / Codul S&R: 2004
 S&R / S&R: 2004
 S&R / S&R: 2004

CS&R / Codul S&R: 2004
 S&R / S&R: 2004
 S&R / S&R: 2004