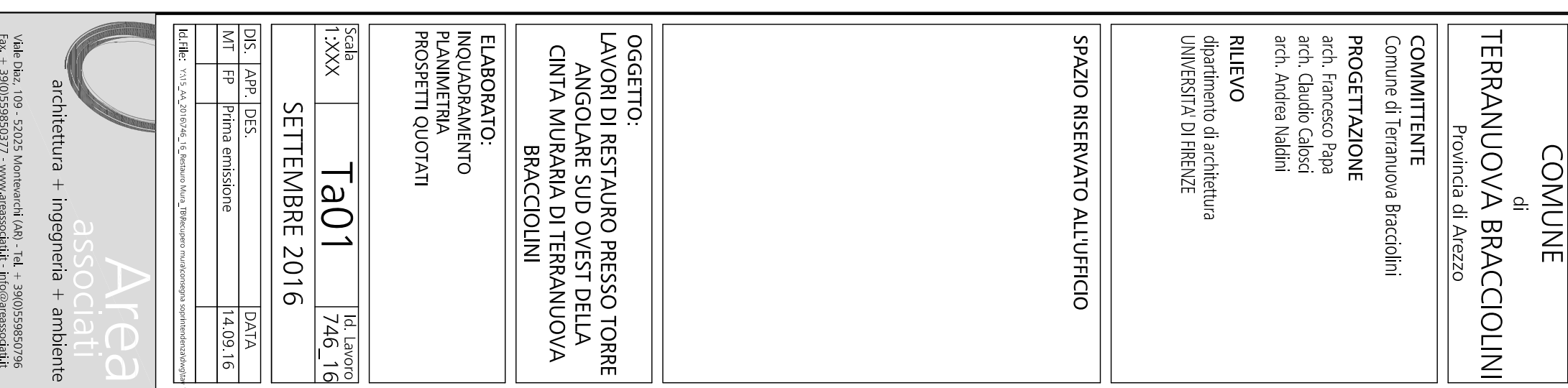
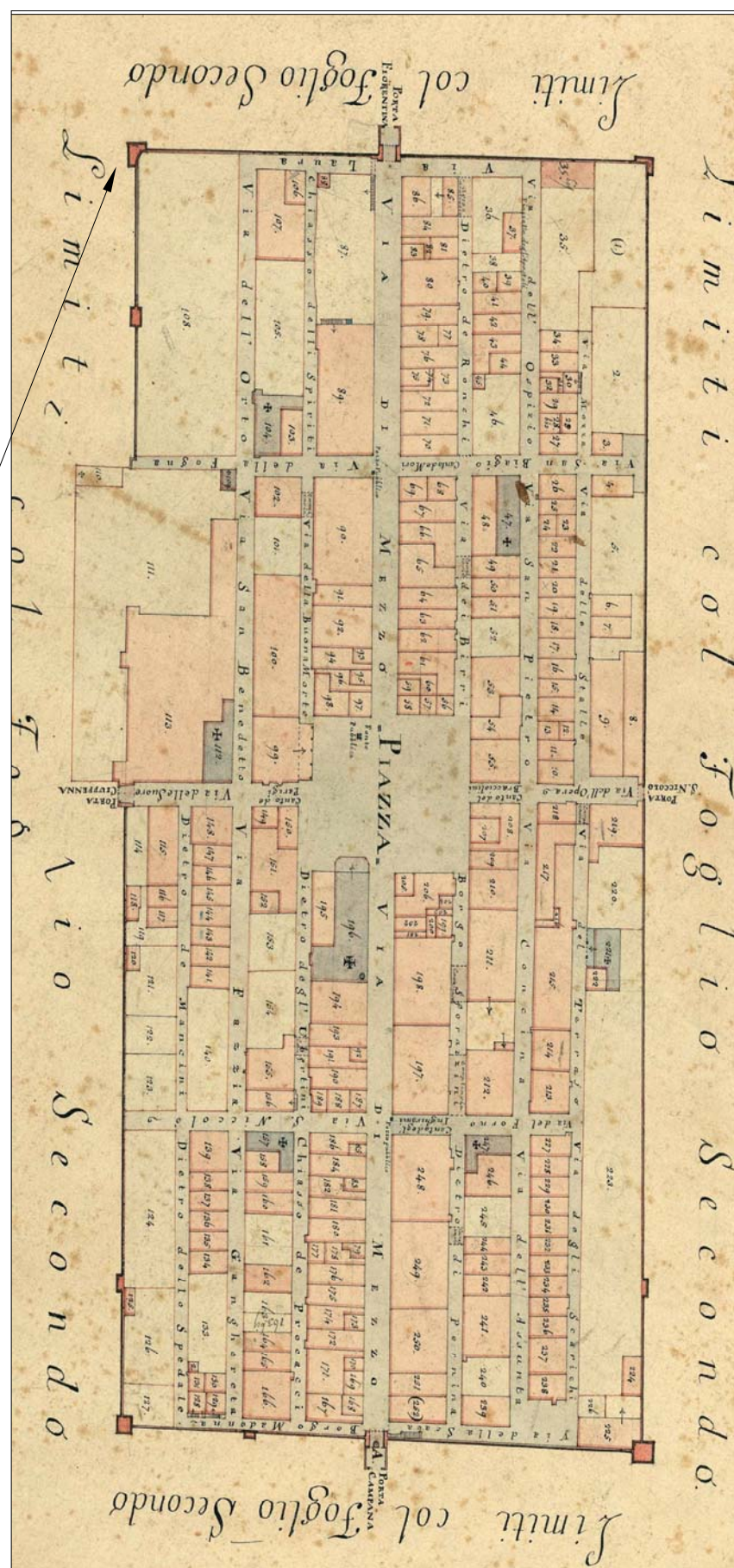
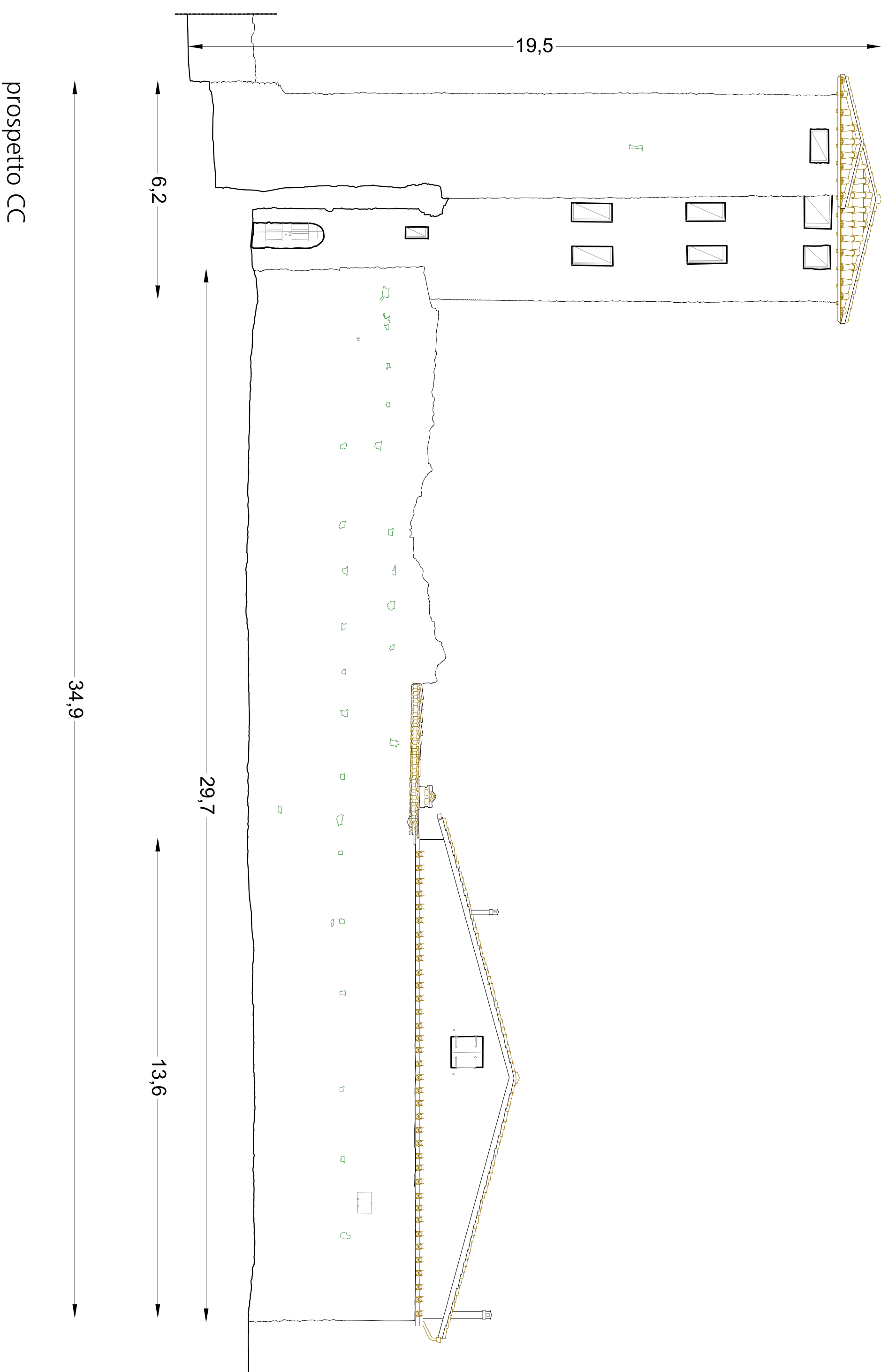
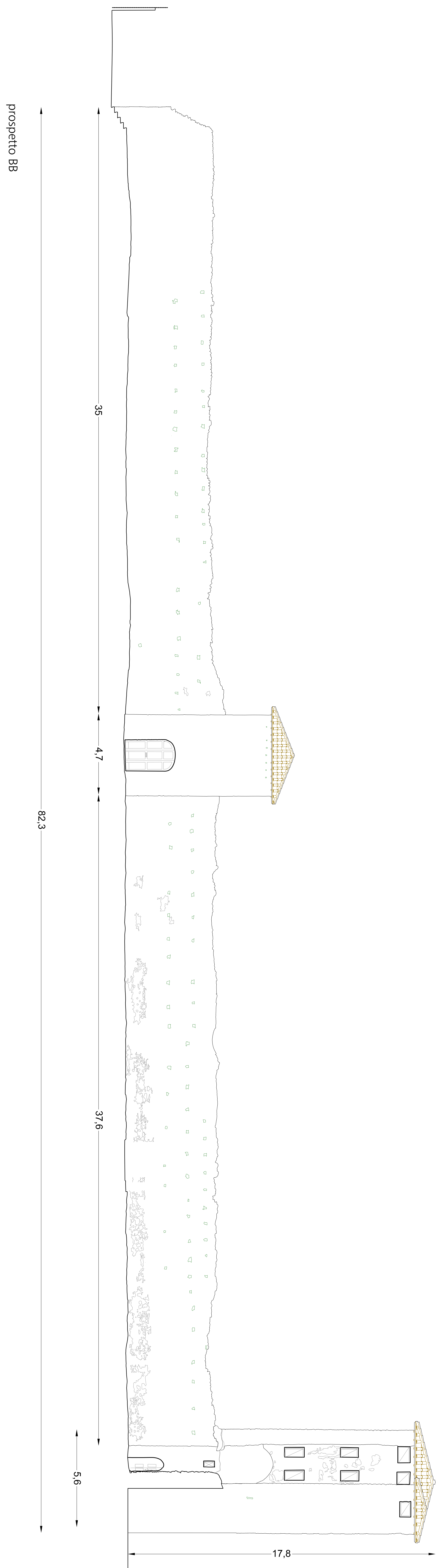
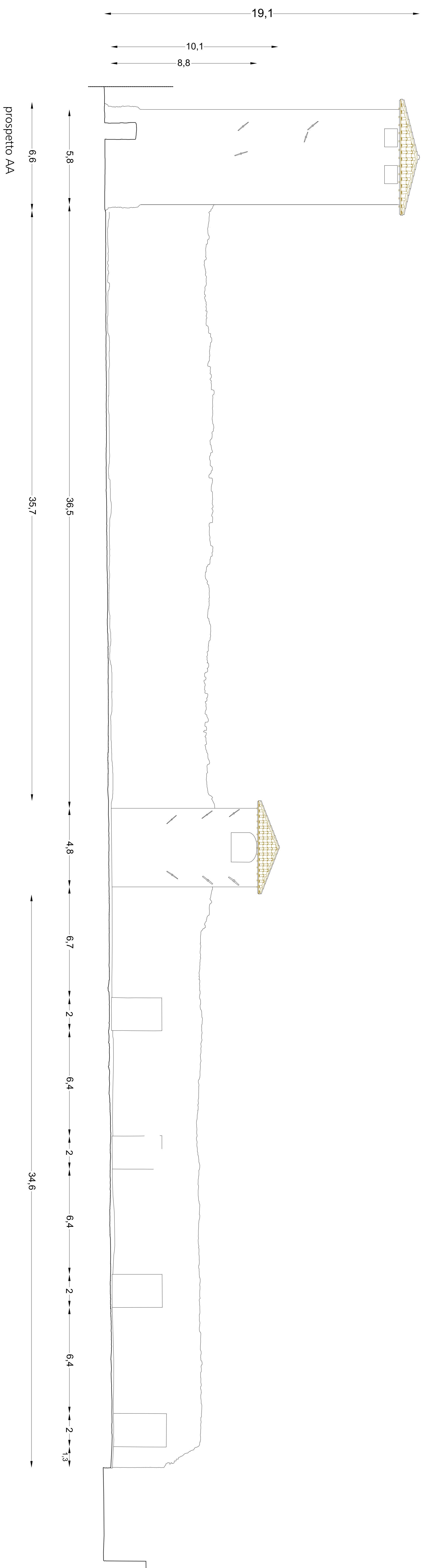
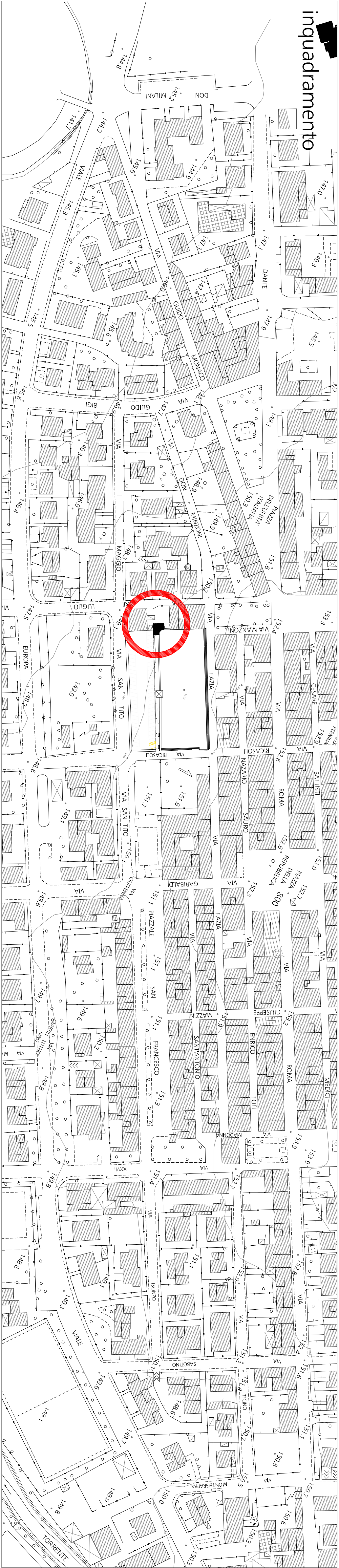
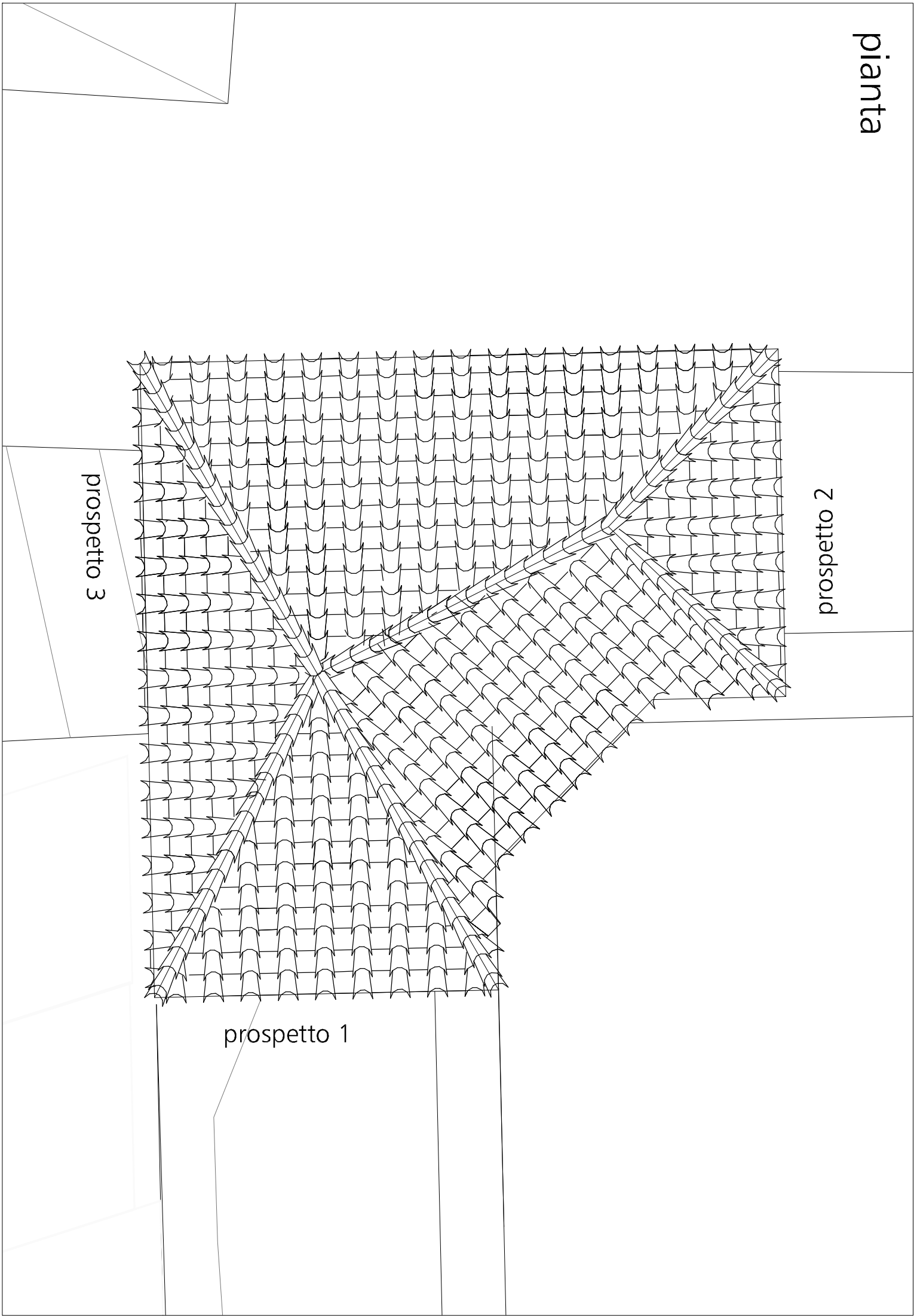
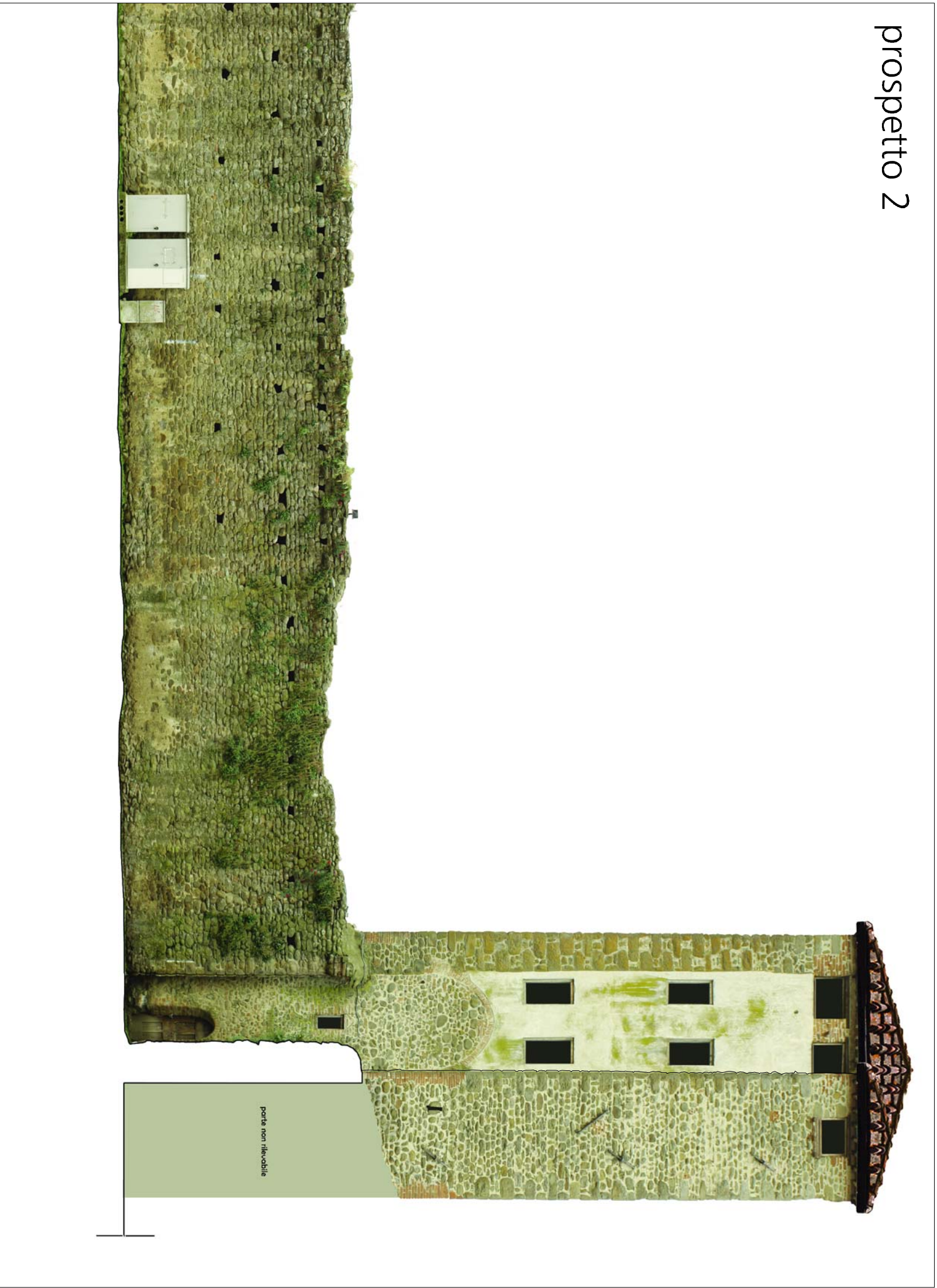
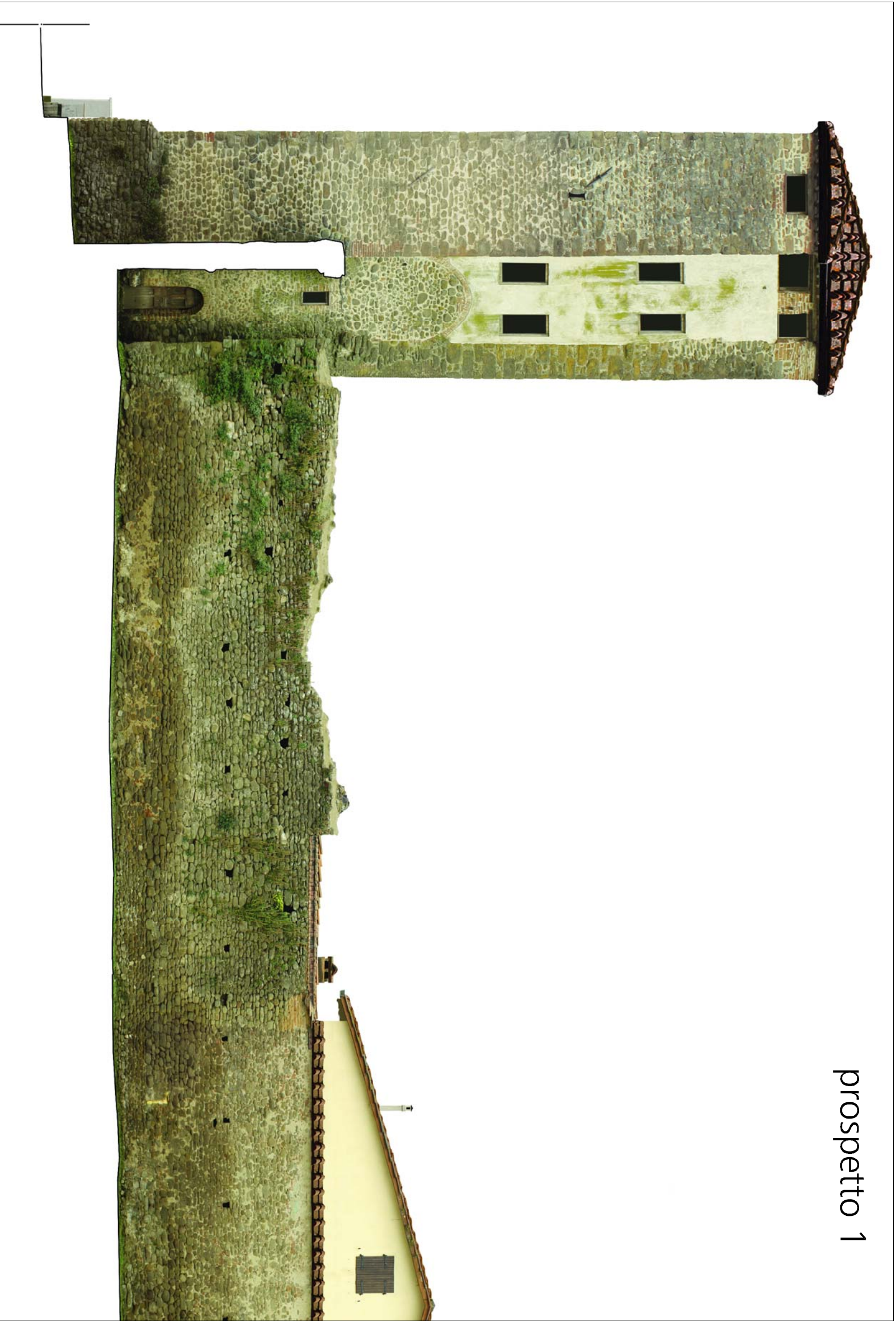
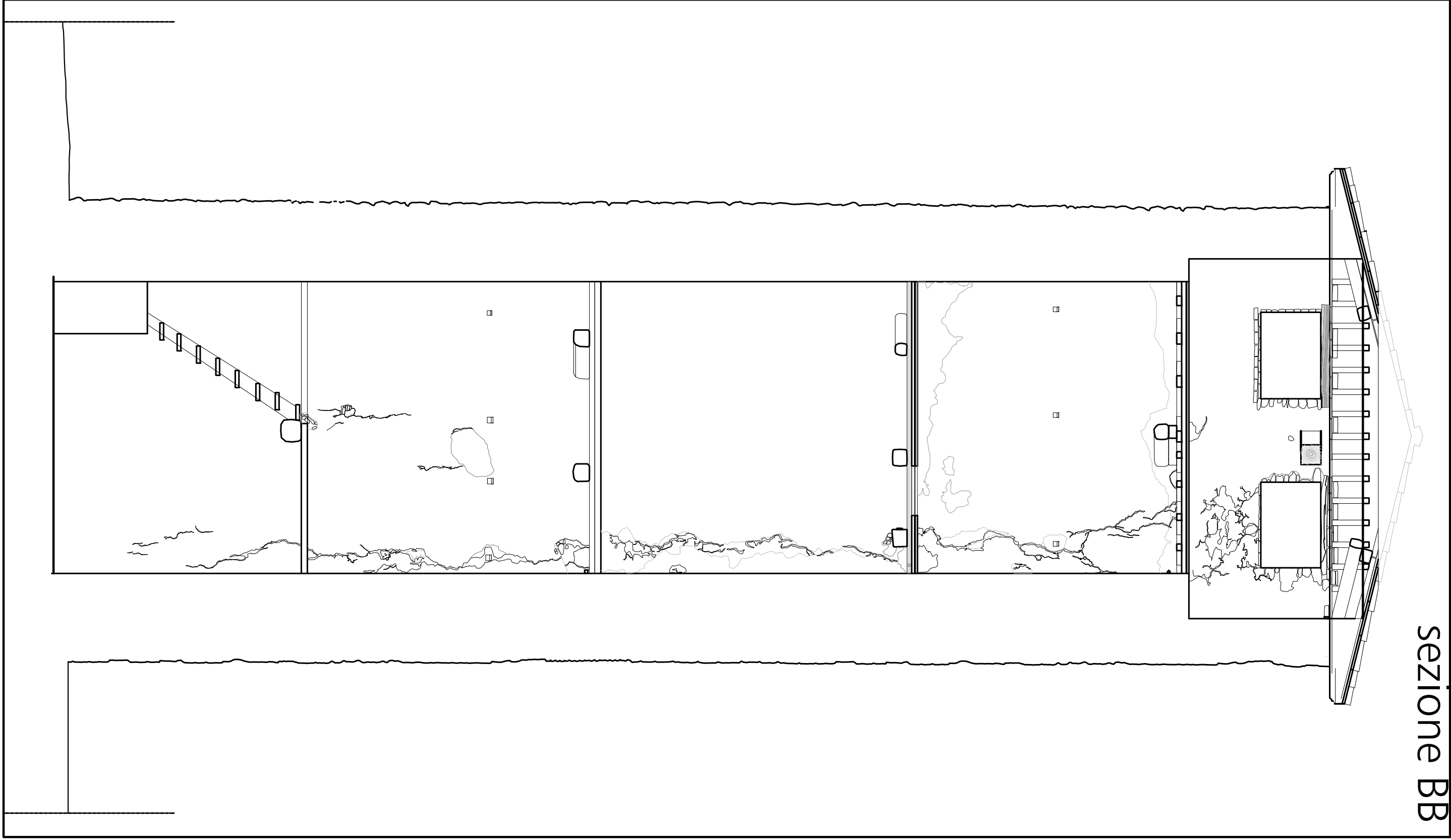
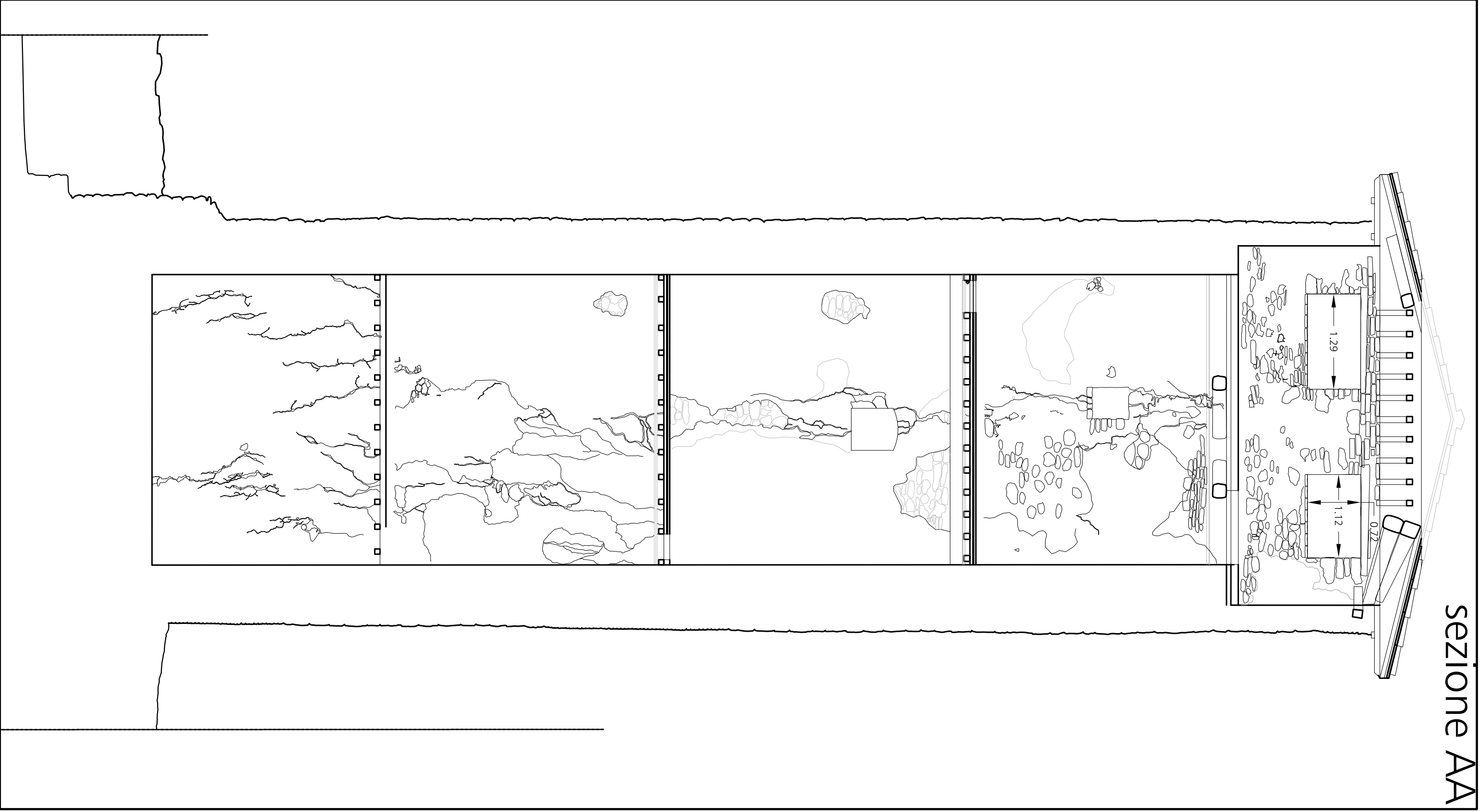
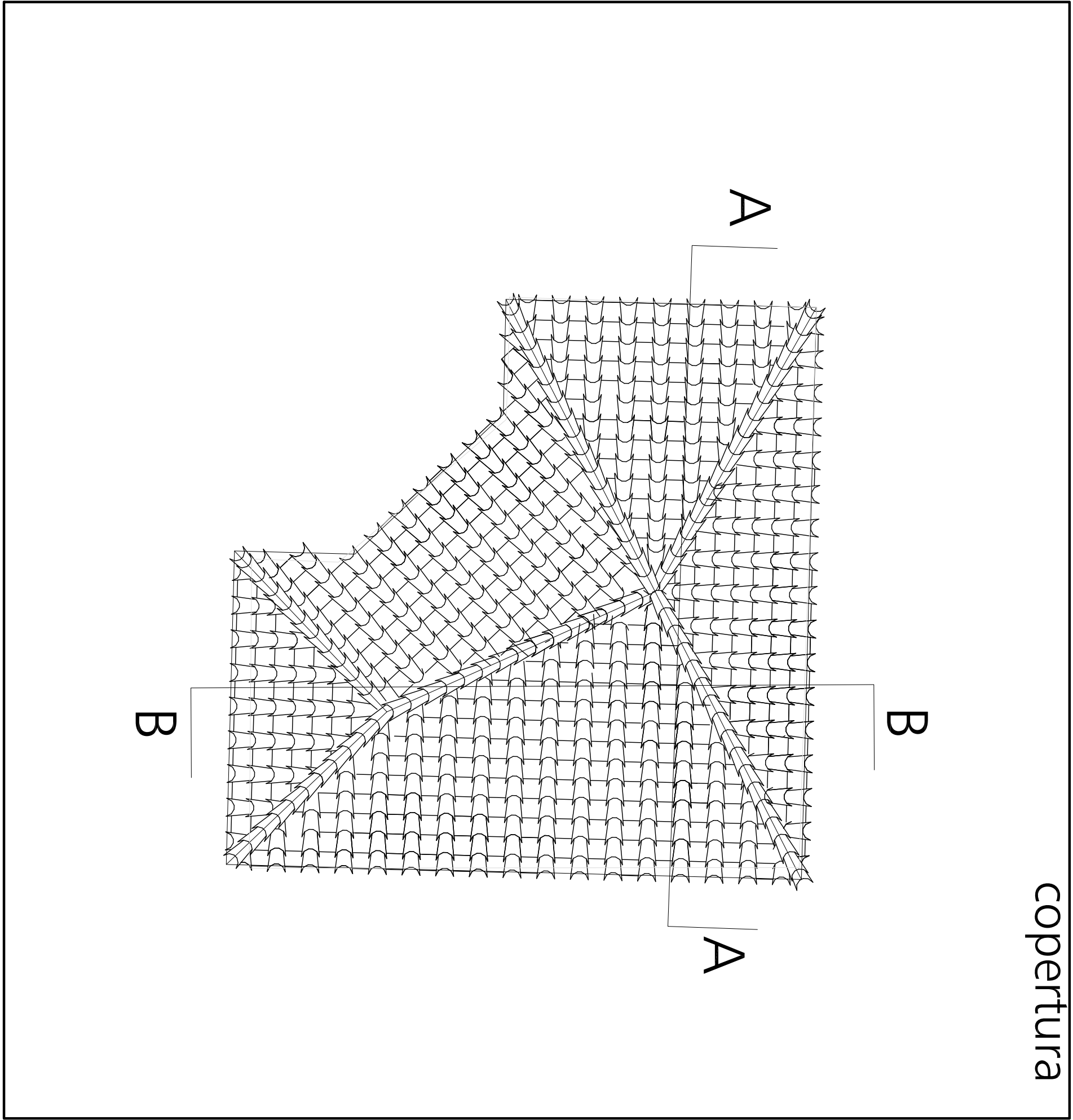
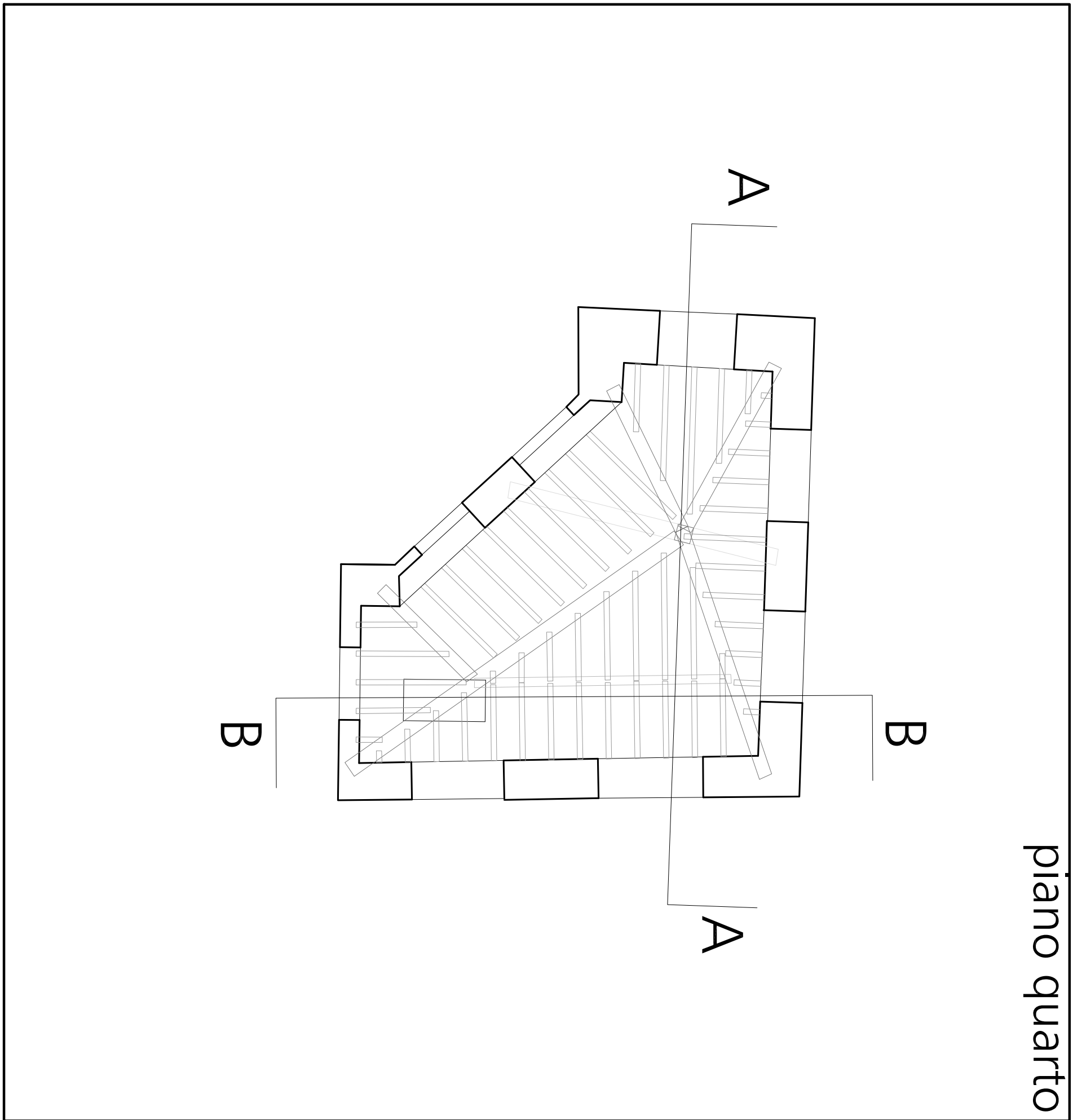
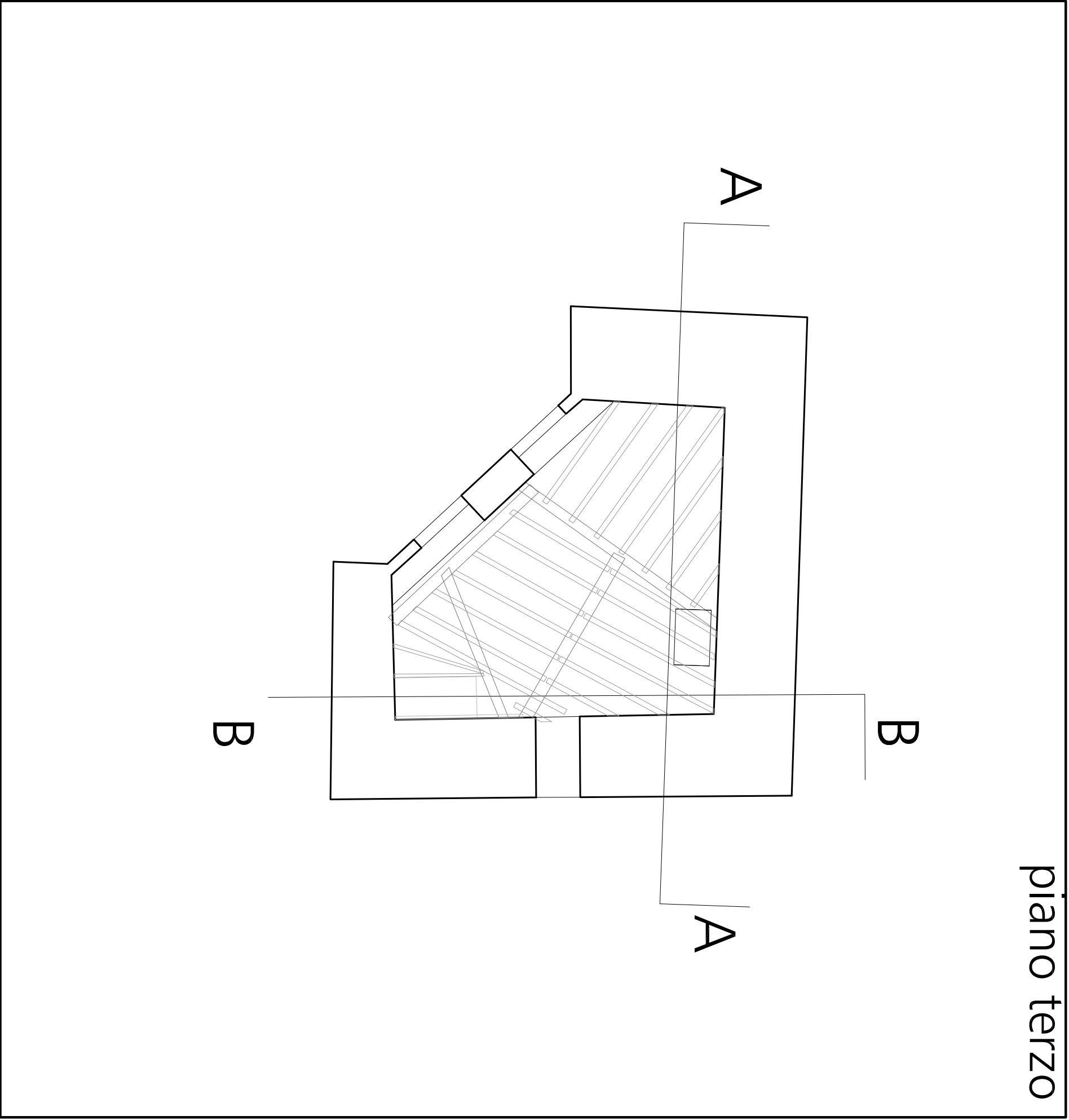
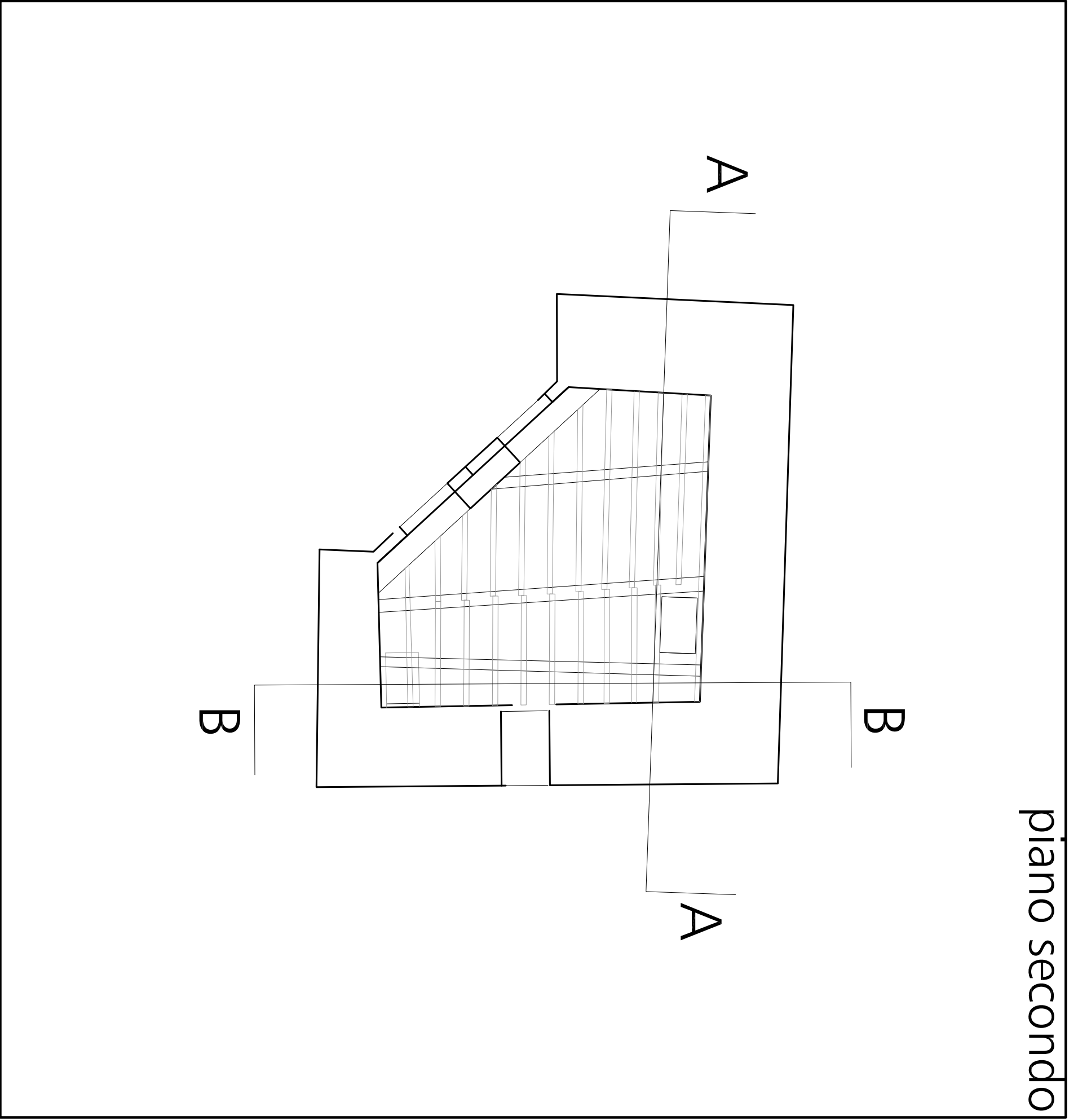
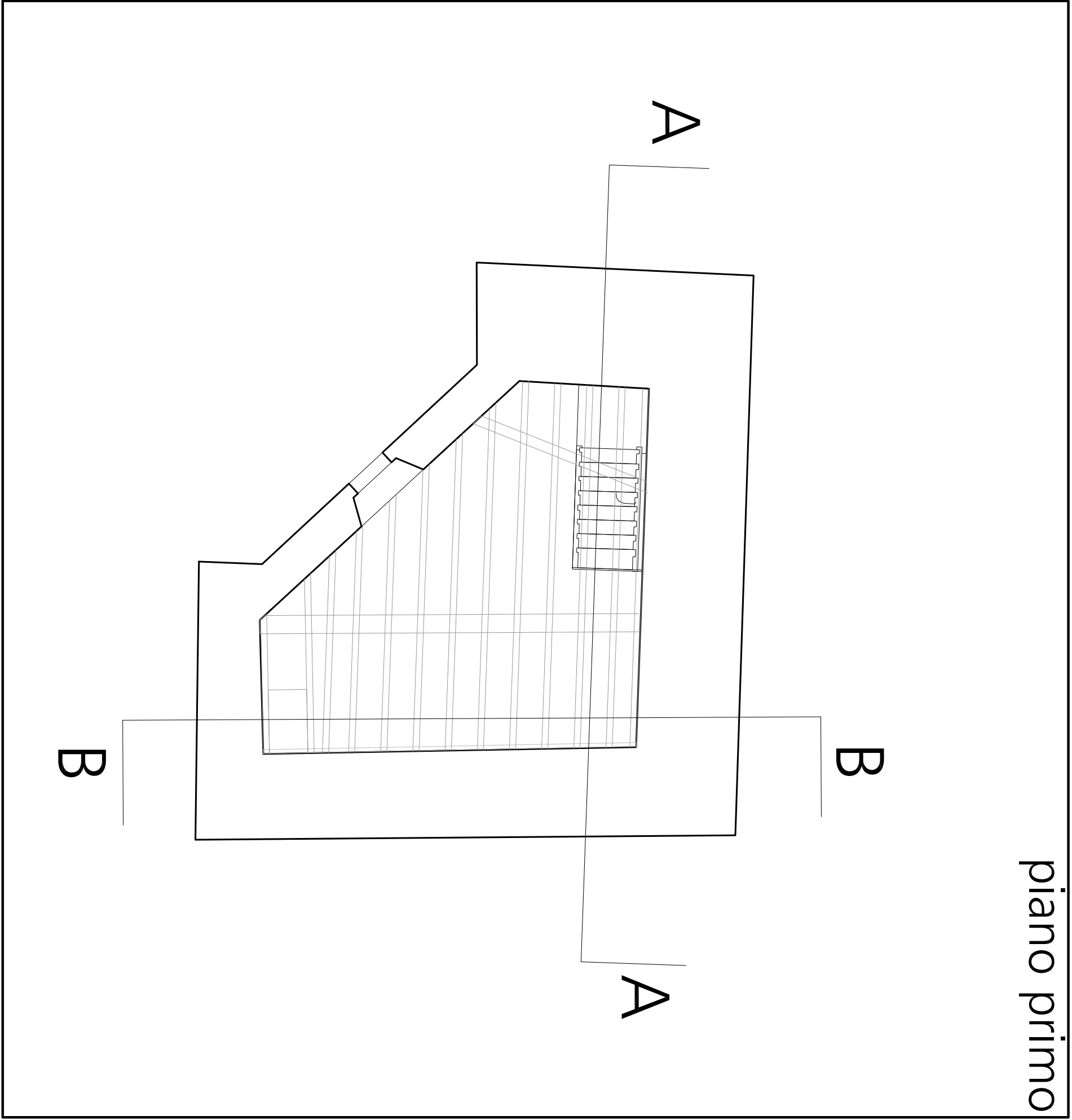
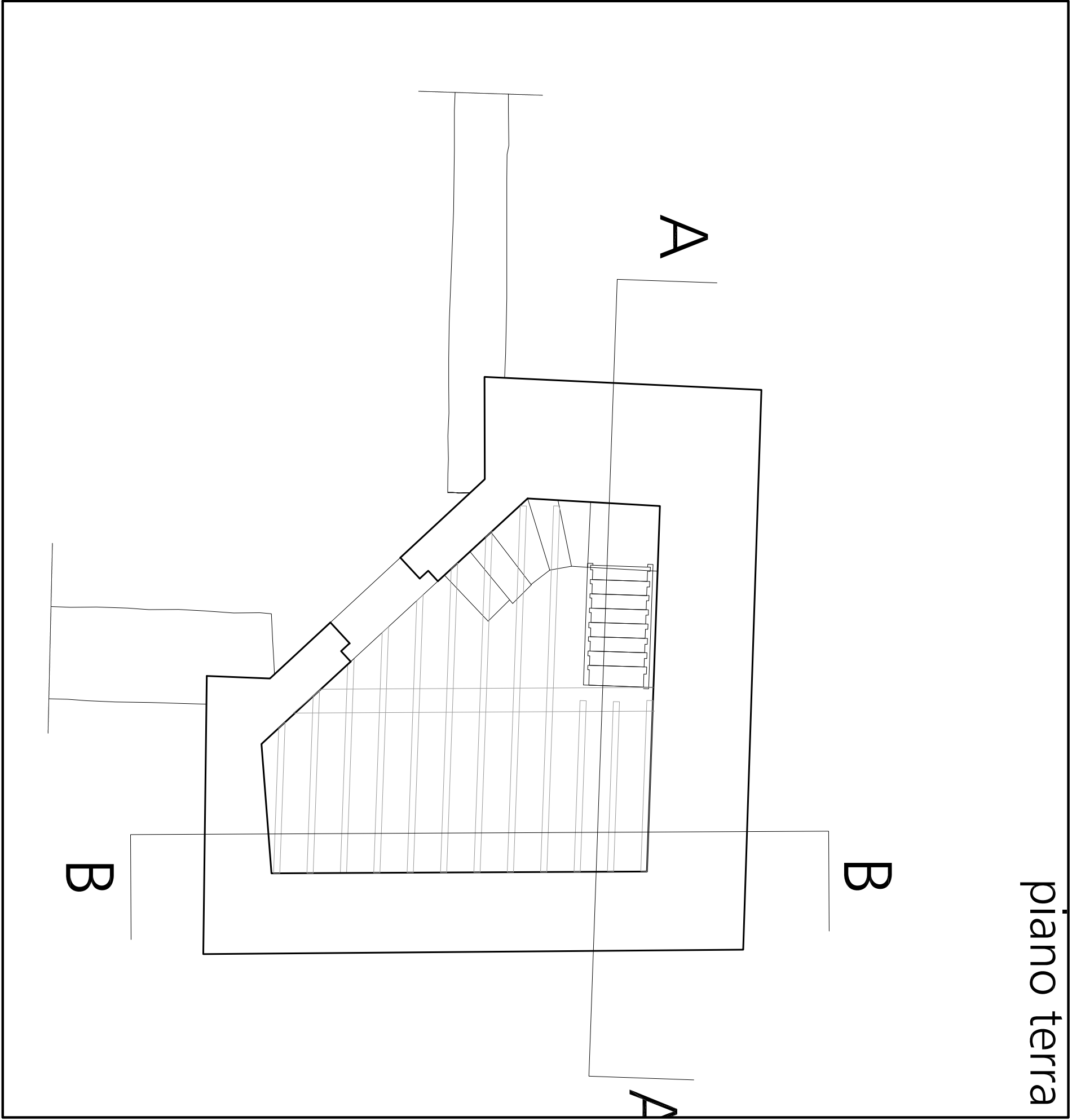
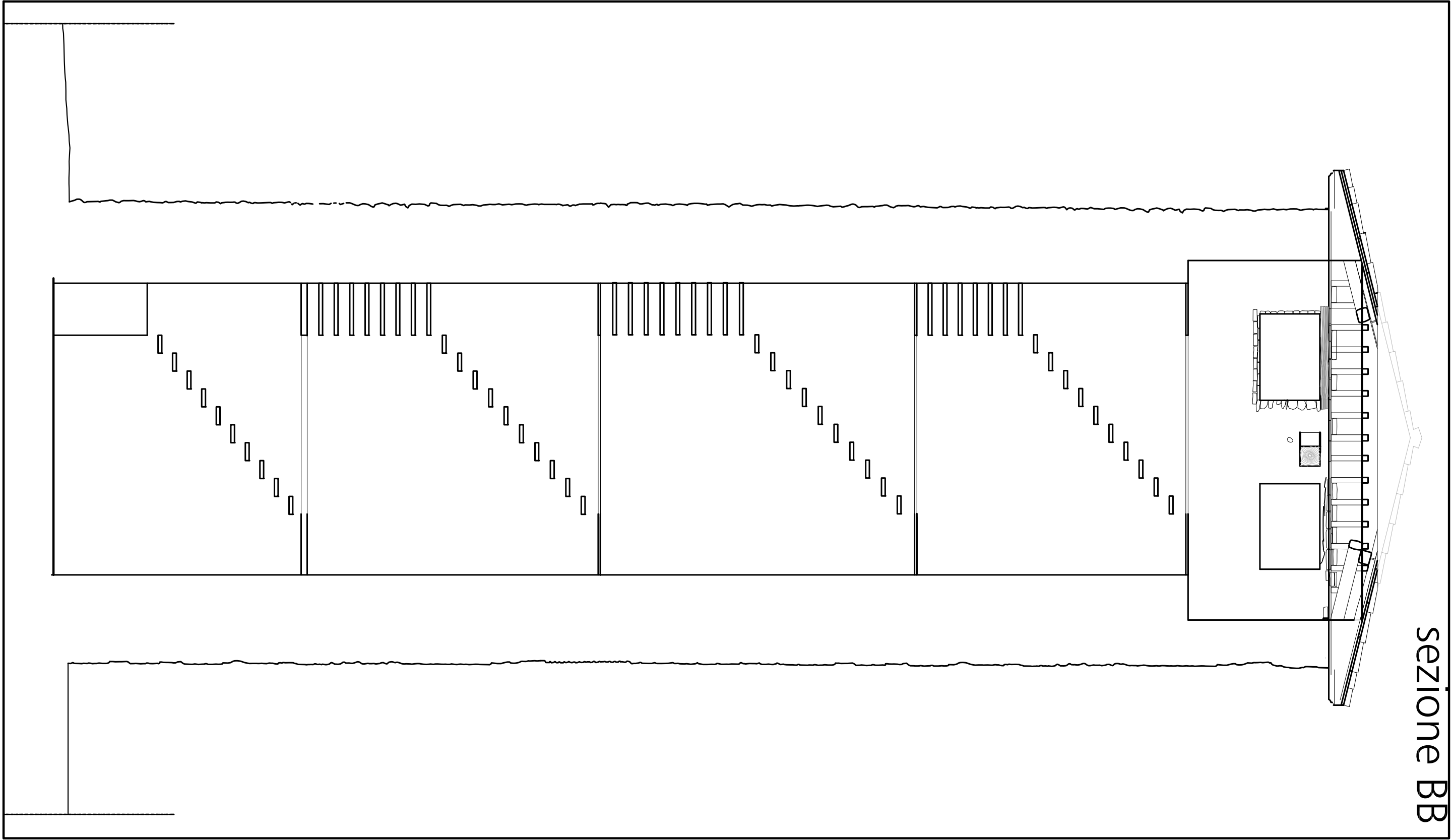
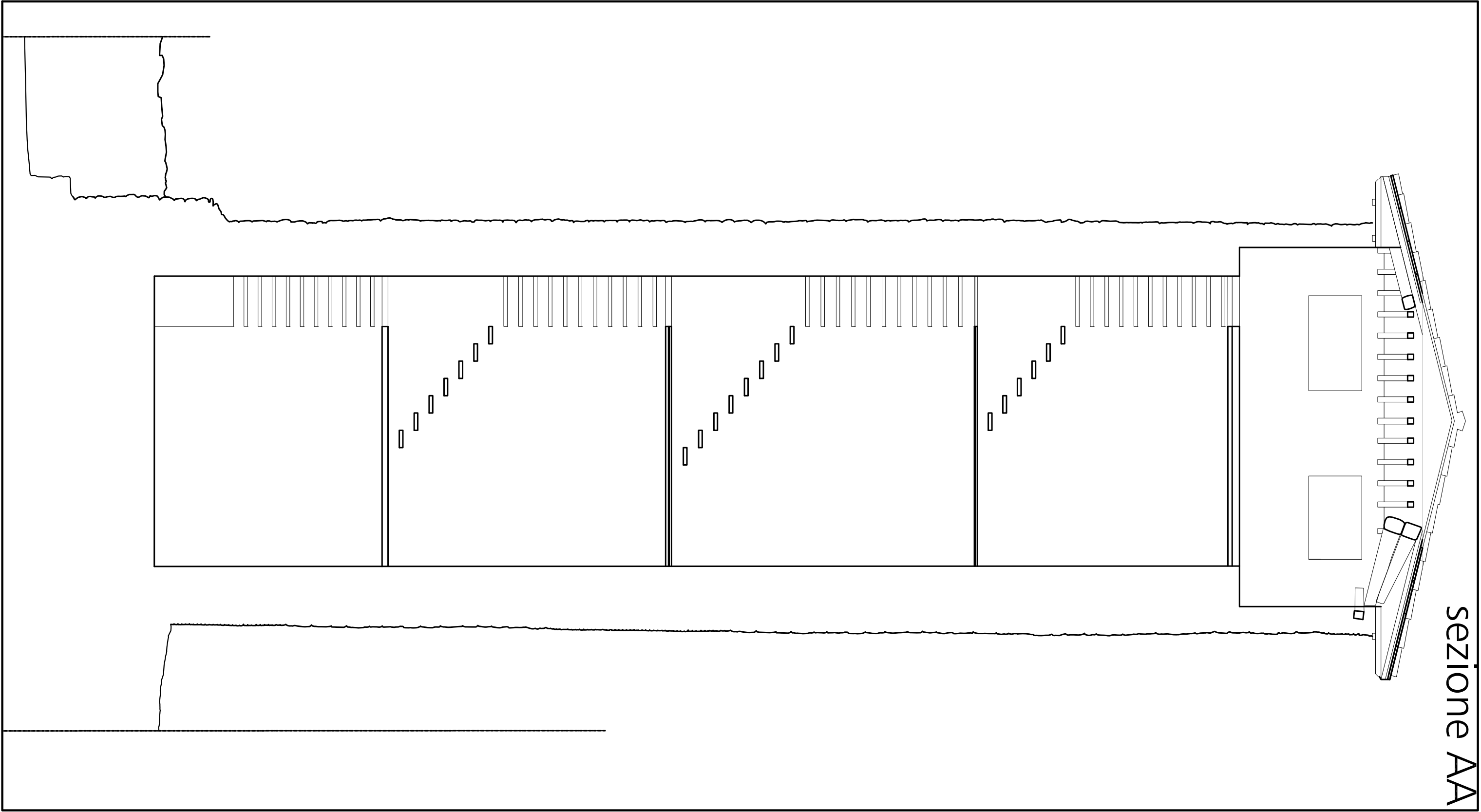
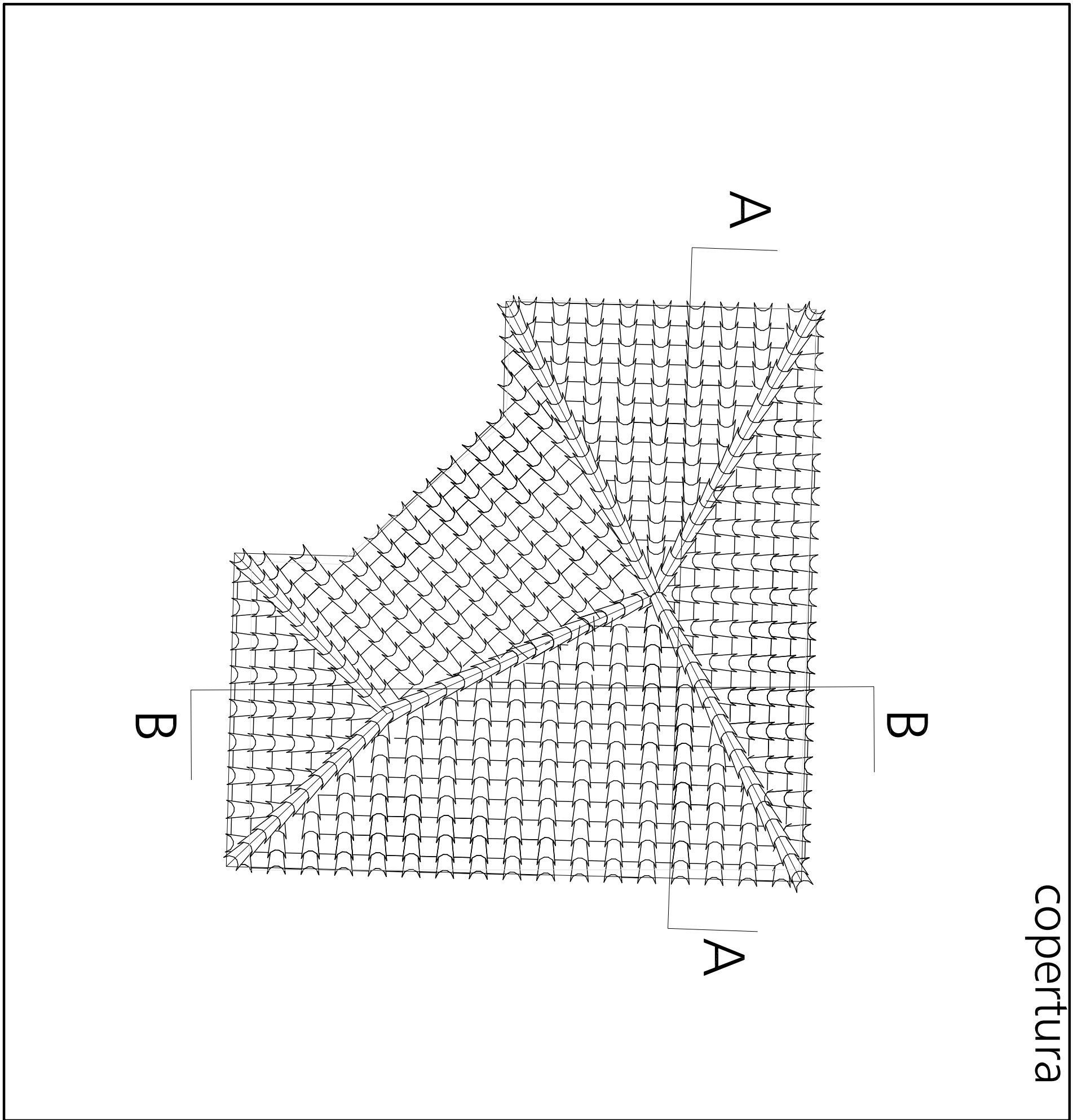
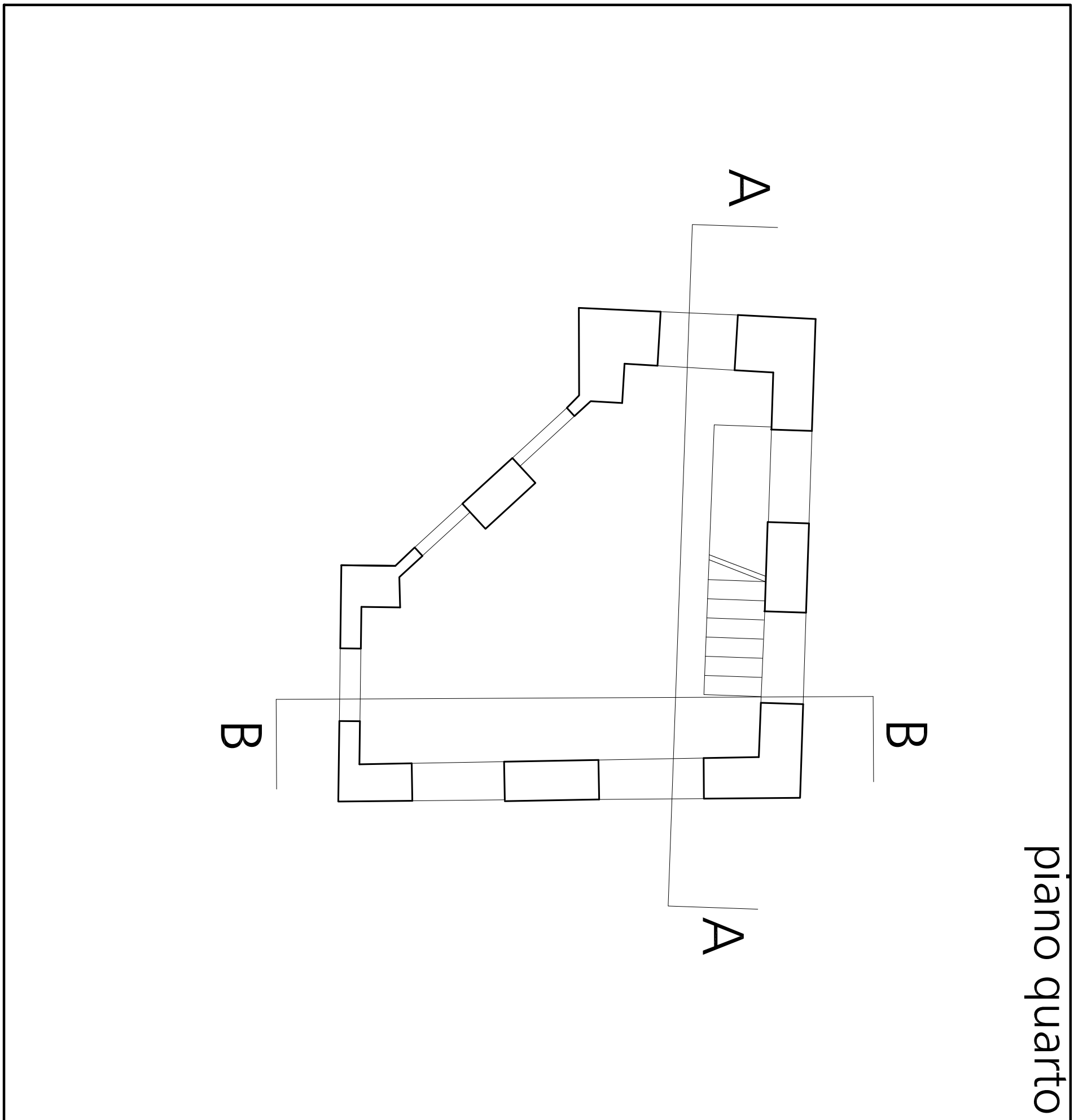
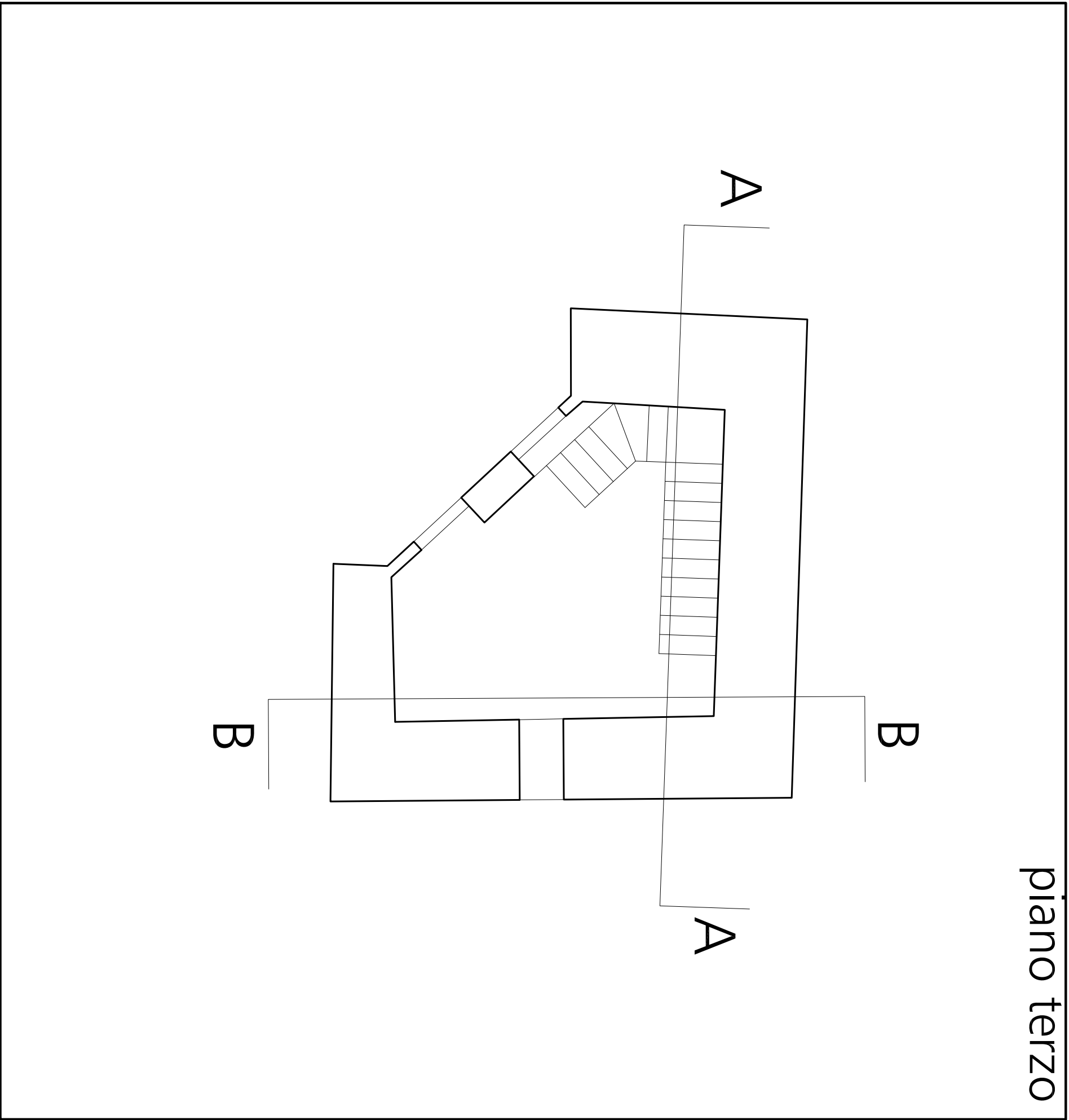
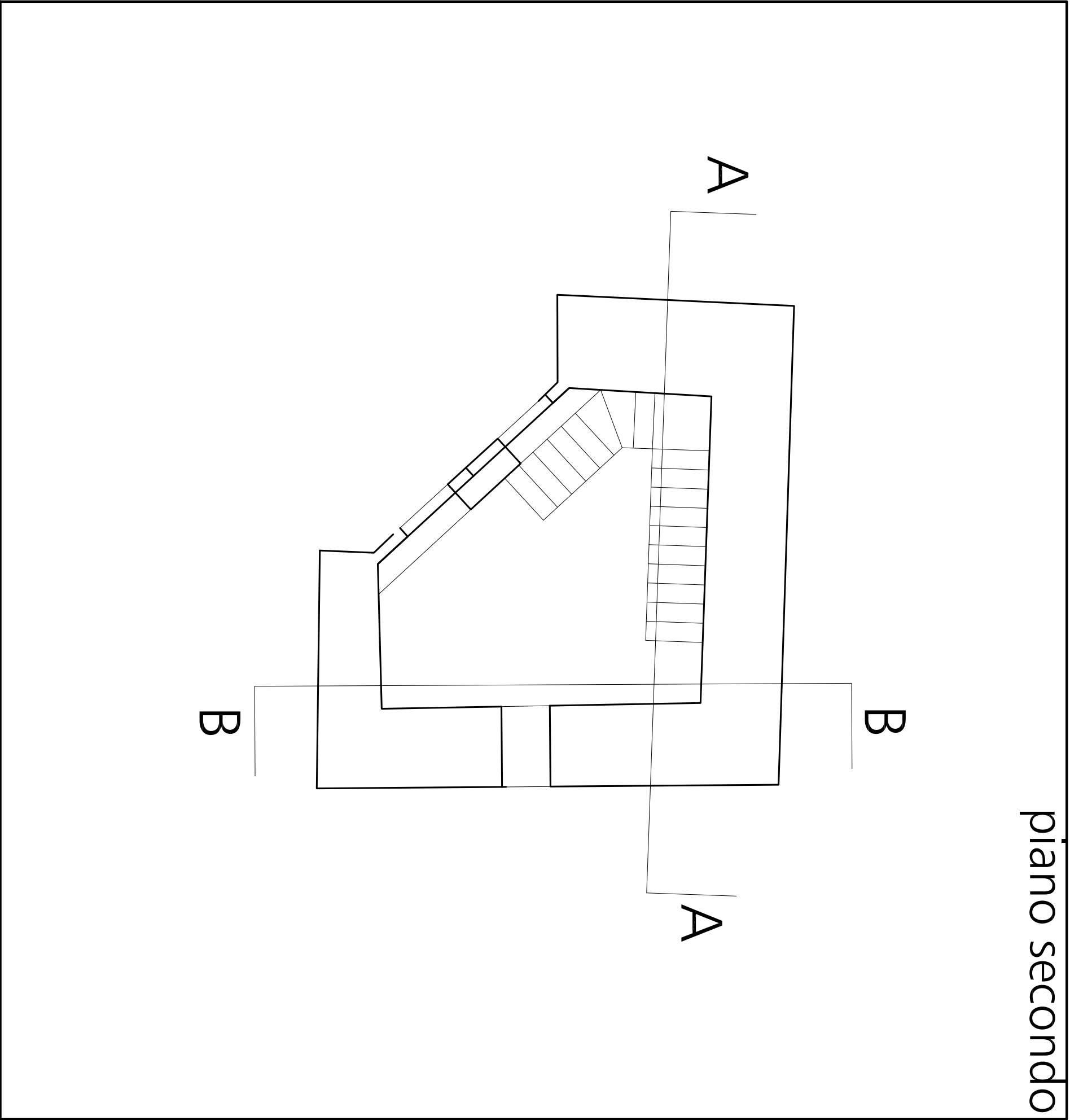
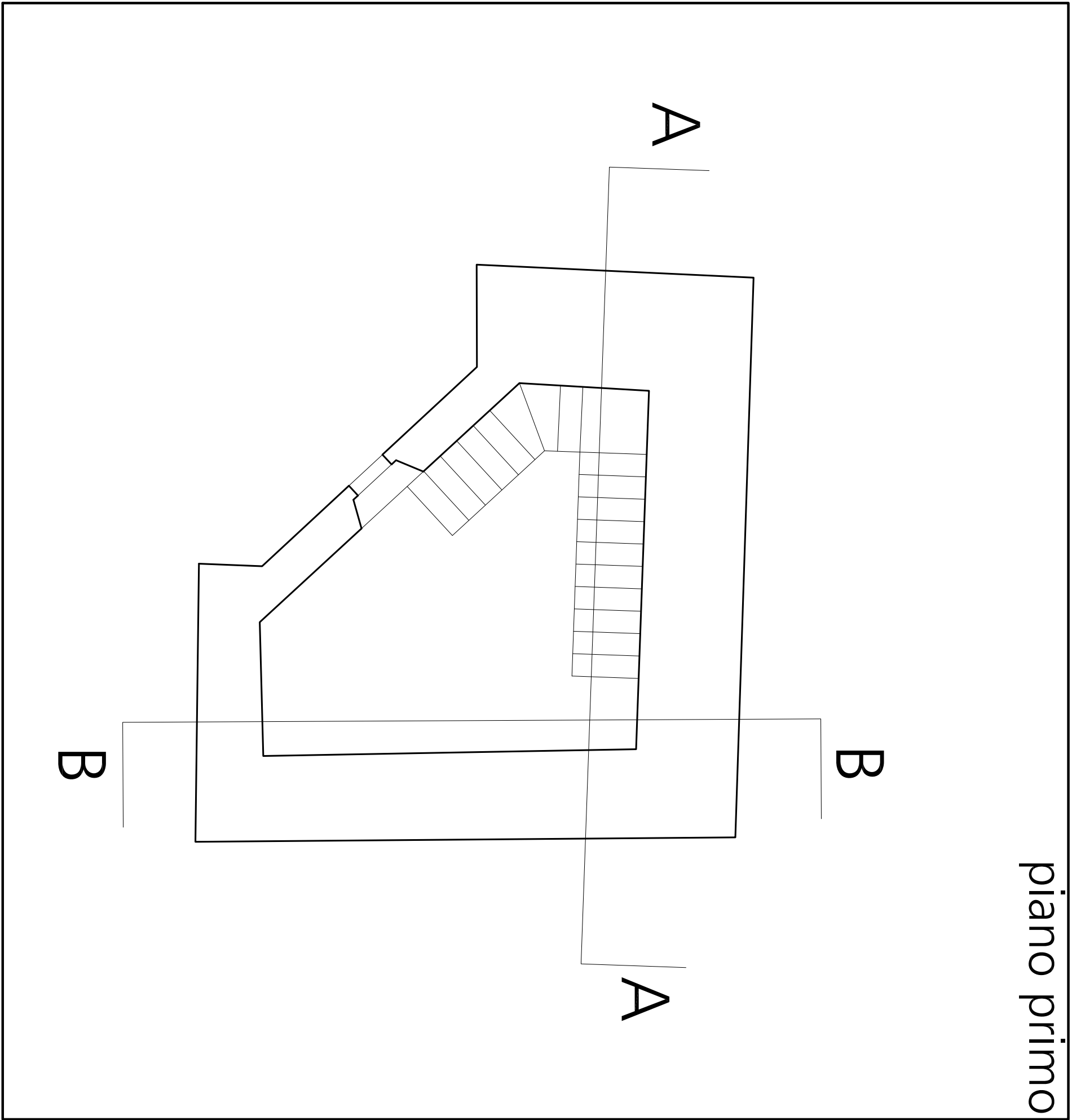
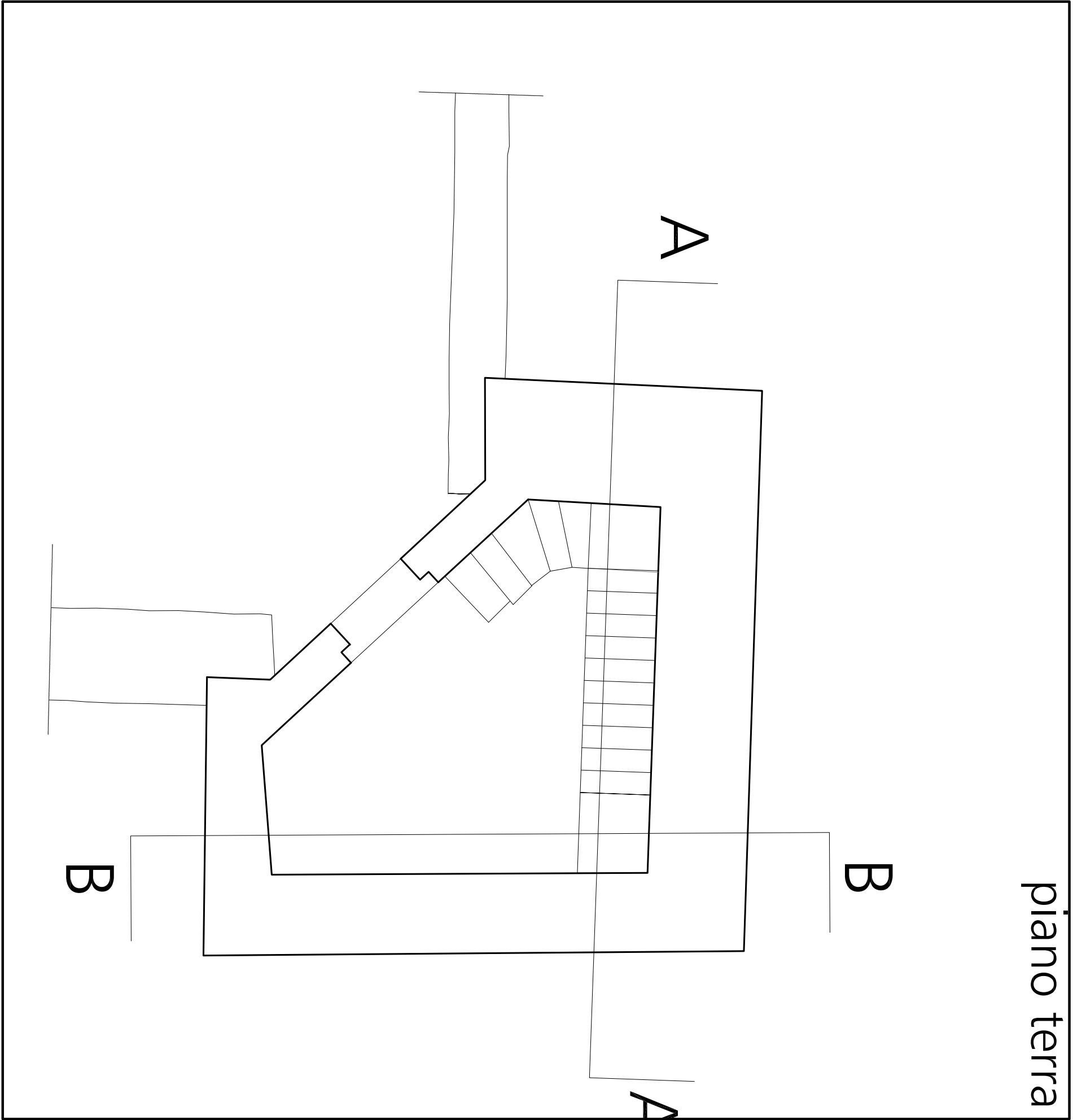
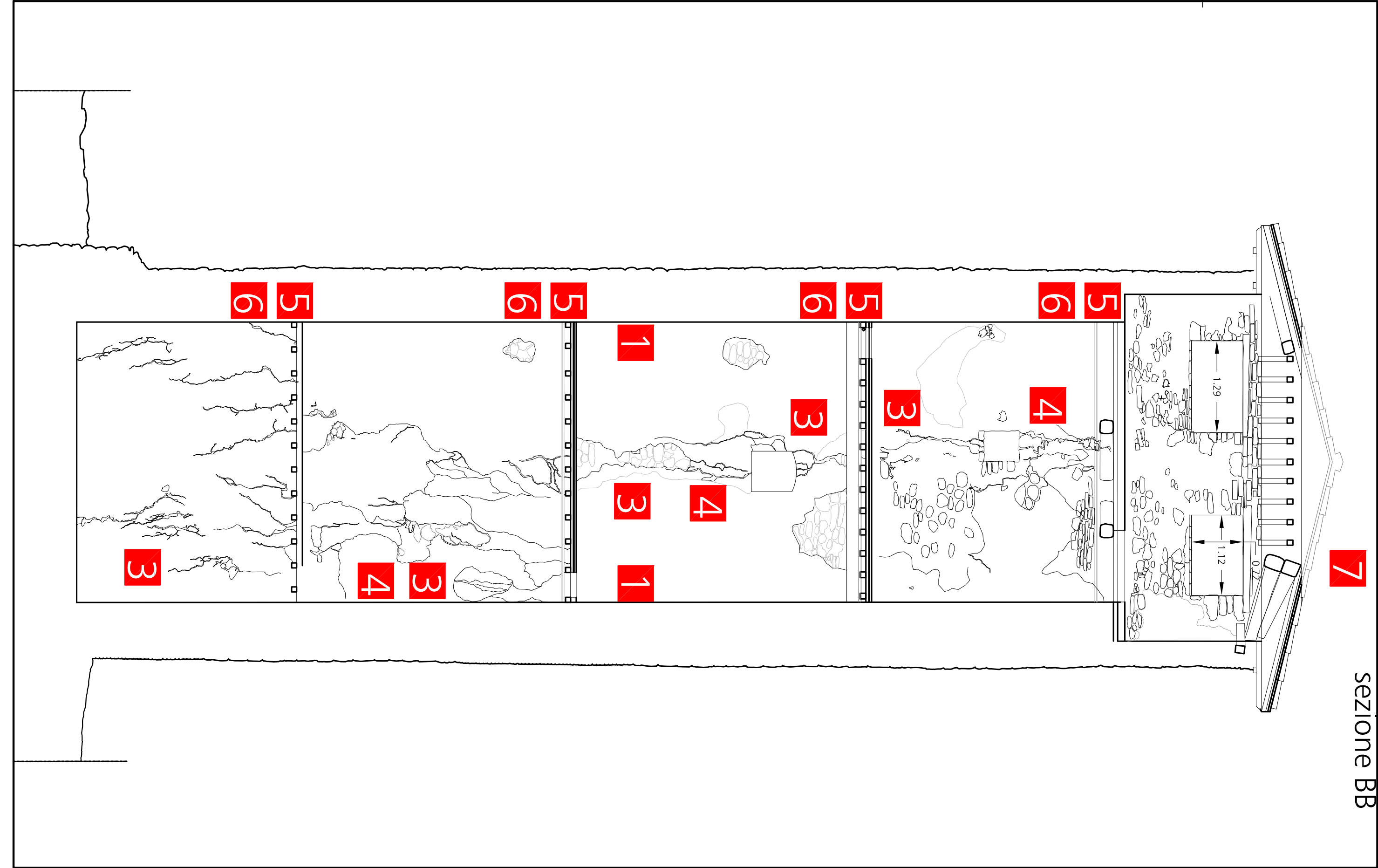
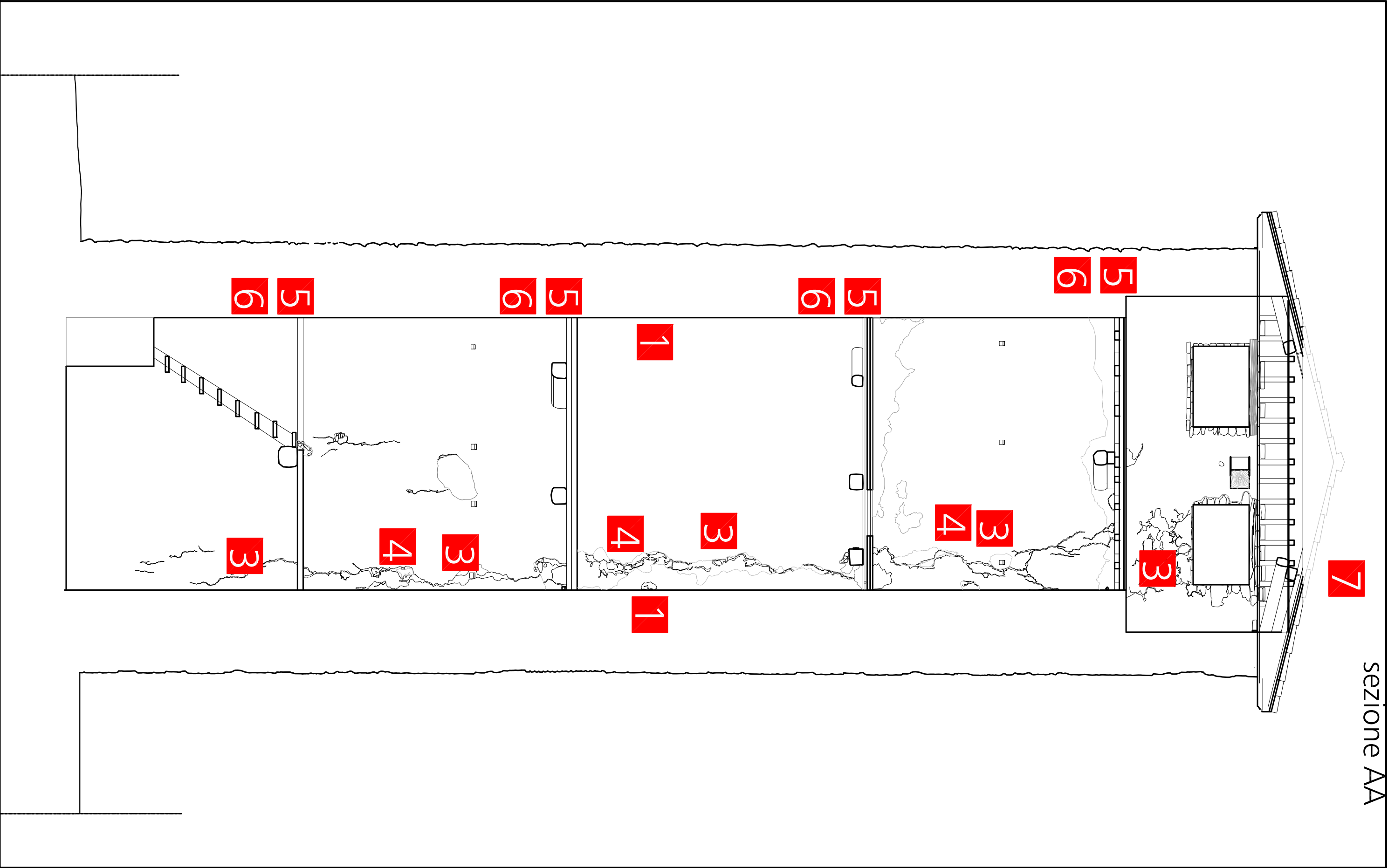
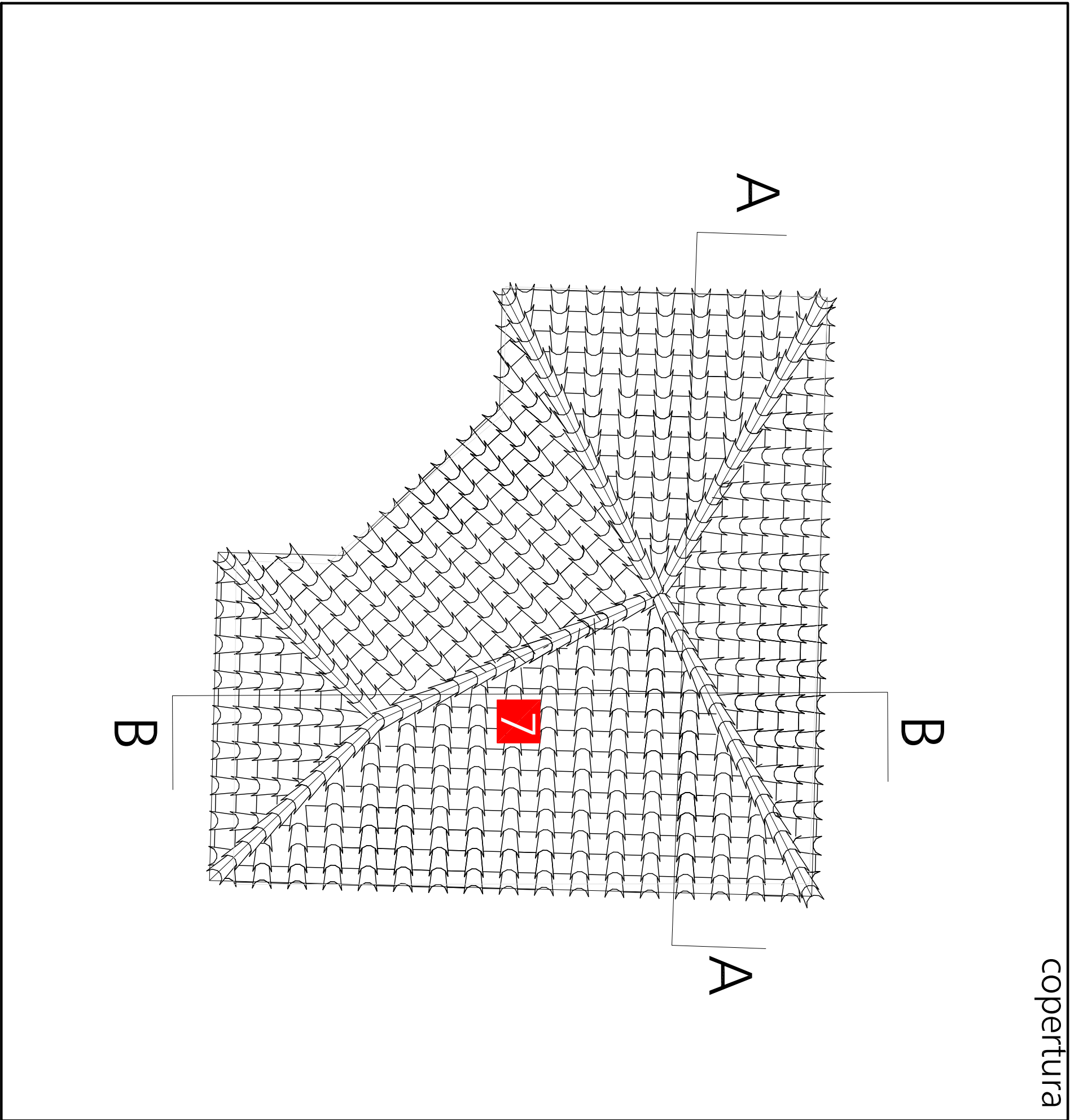
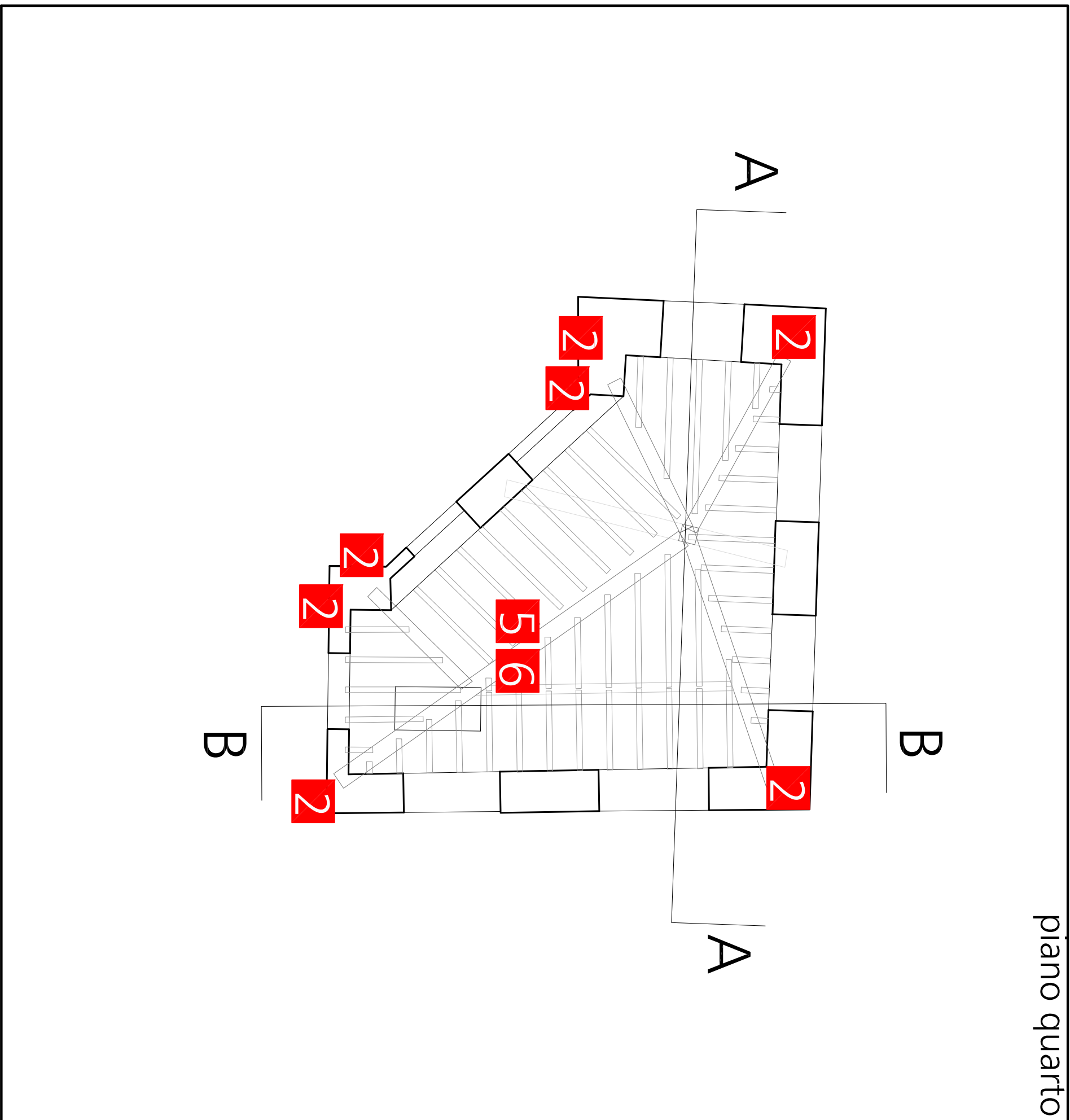
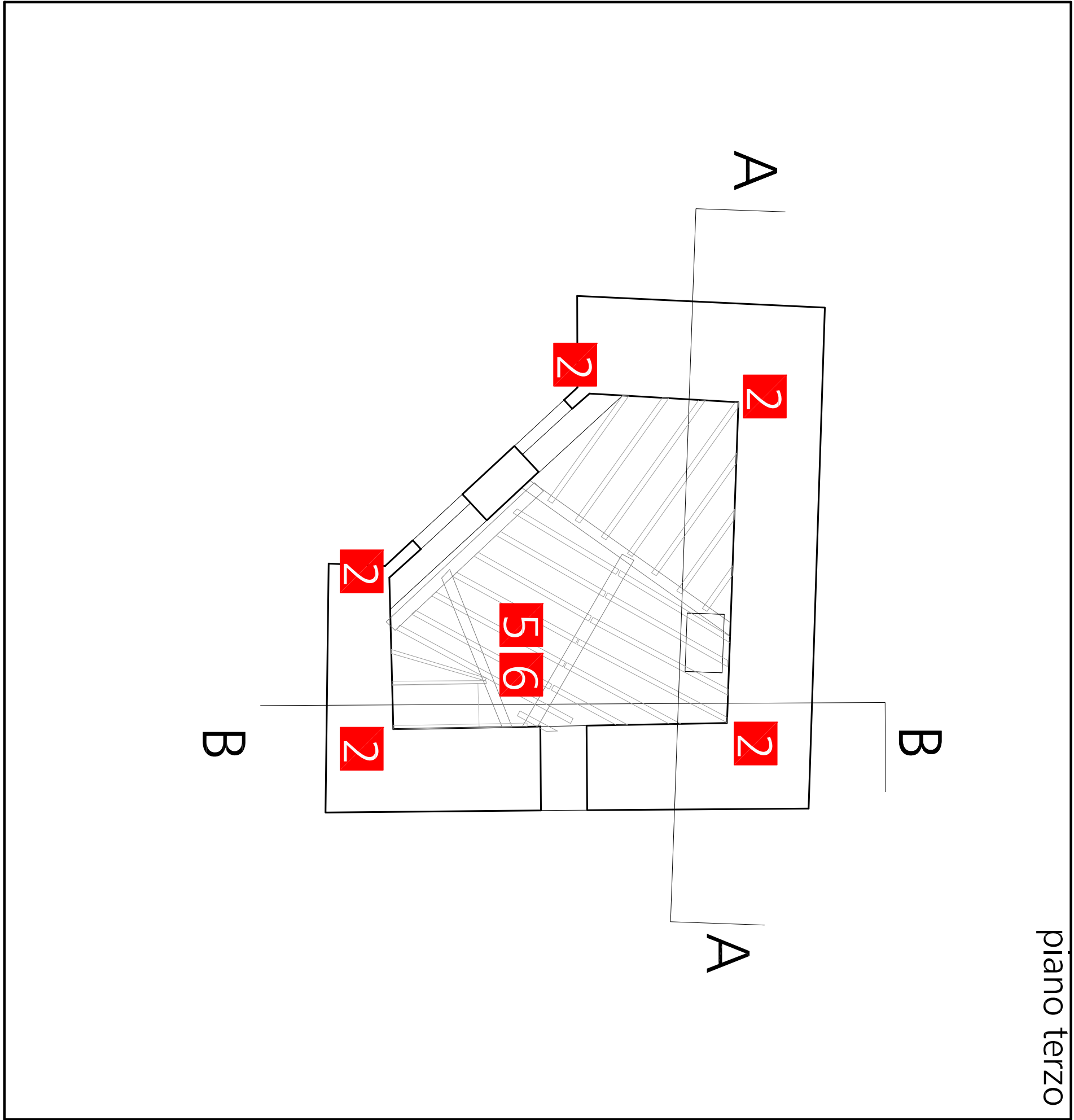
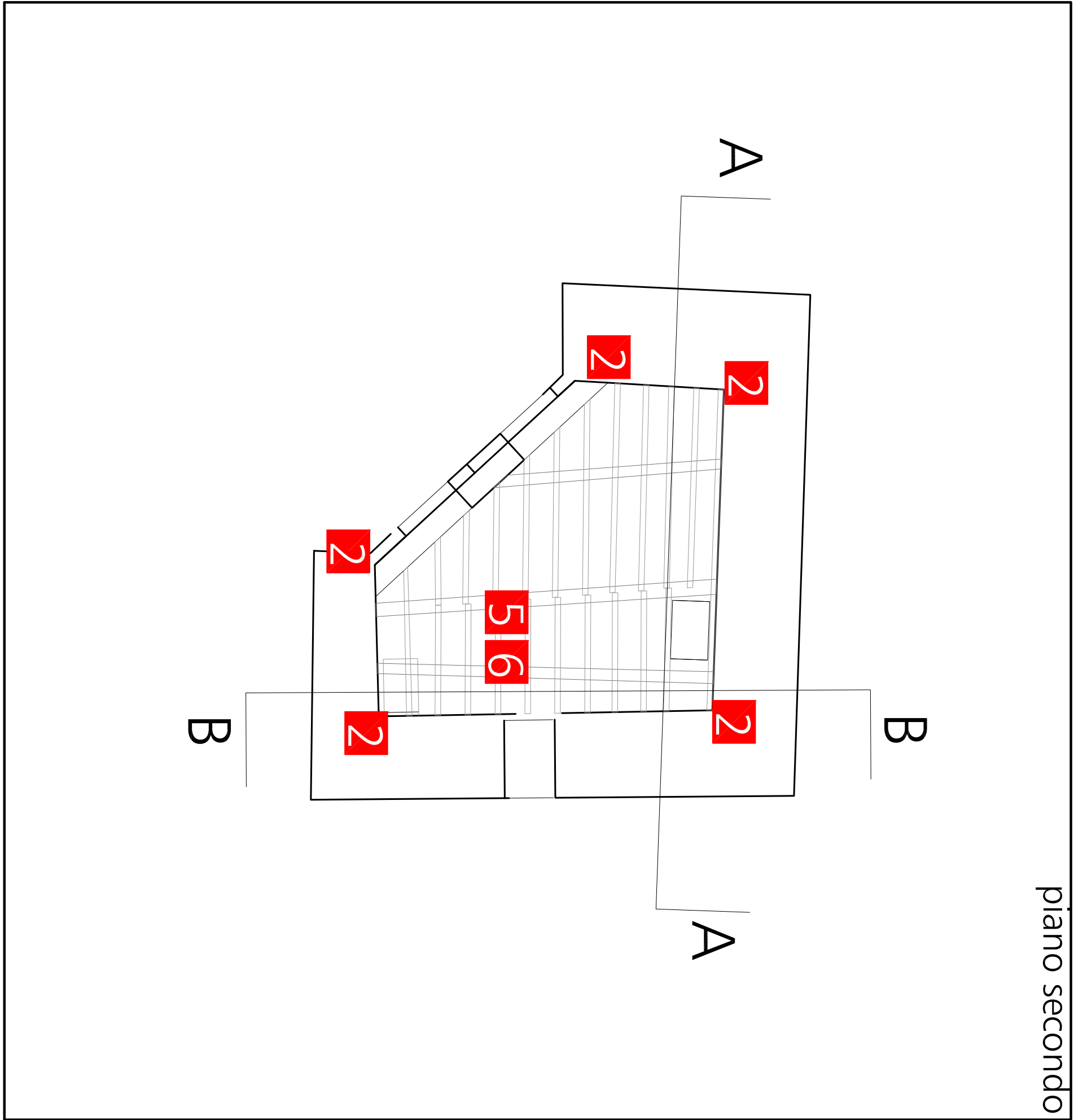
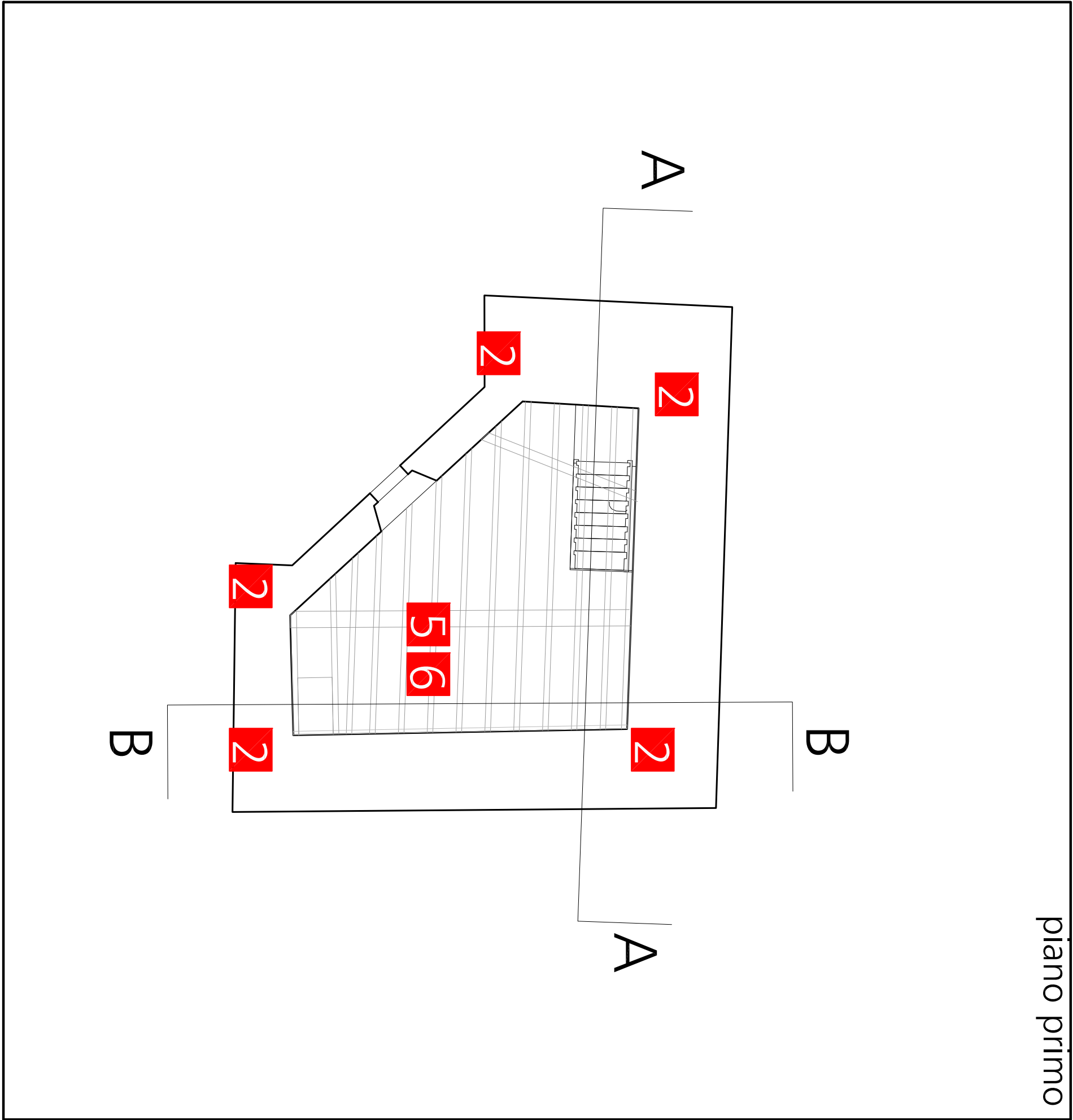
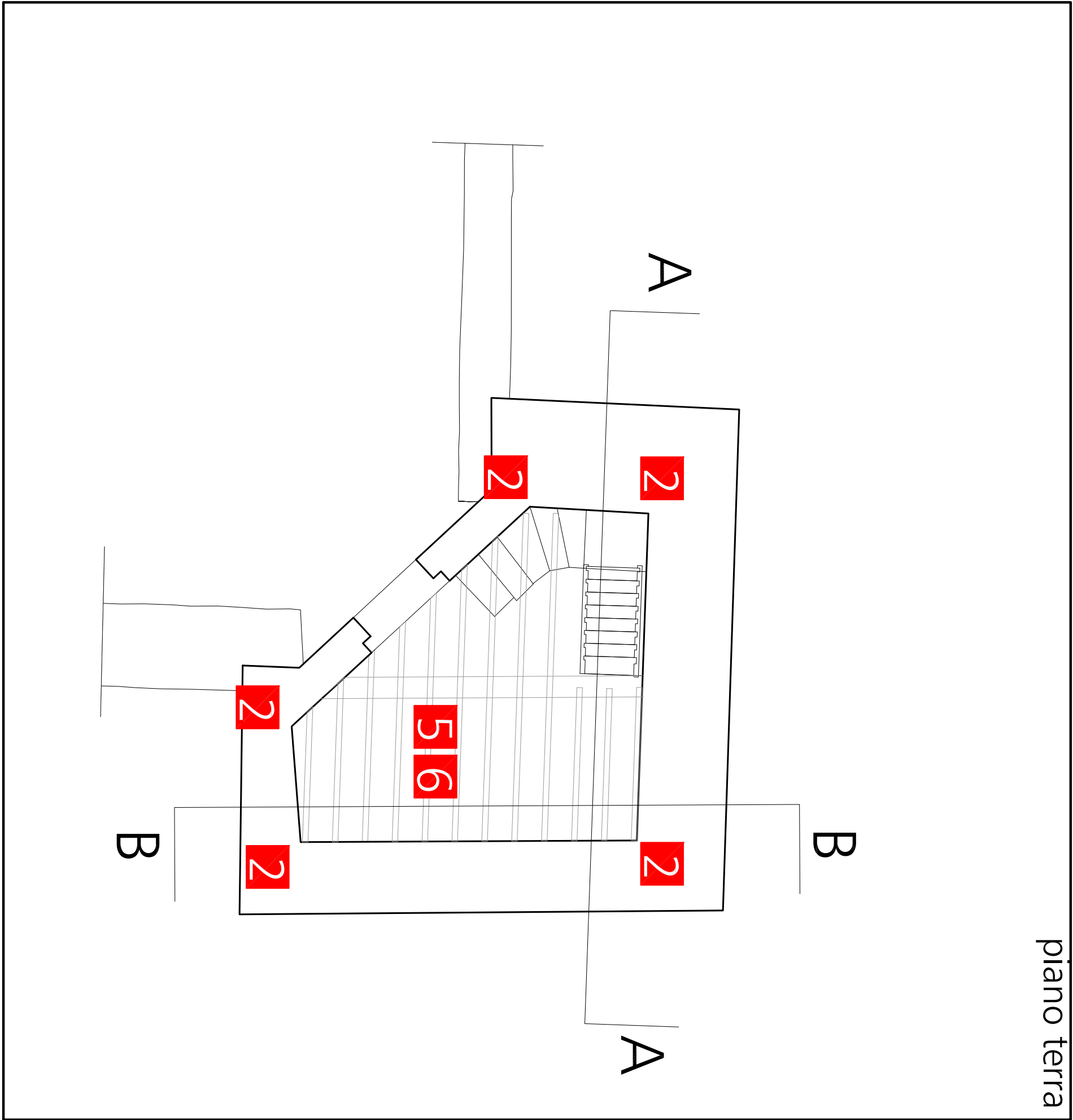












- LEGENDA INTERVENTI
- 1 a tutti i piani e su tutte le pareti: intervento di tipo 1) "Steel Grid"
 - 2 a tutti gli angoli: intervento di tipo 2) "connessioni angolari"
 - 3 localmente: intervento di tipo 3) "rinforzi di tipo 3"
 - 4 in tutte le lesioni: intervento di tipo 4) "sancitura nella cortina interna"
 - 5 in tutti i solai: intervento di tipo 5) "sostituzione dei solai lignei"
 - 6 in tutti i solai: intervento di tipo 6) "rinforzi dei solai"
 - 7 in copertura: intervento di tipo 7) "ristrutturazione copertura con isolamento acustico"

COMUNE
di
TERRANUOVA BRACCIOLE
Provincia di Azzara

COMITENTE
Comune di Terranuova Bracciolini

PROGETTAZIONE
arch. Francesco Piga
arch. Danilo Calchi
arch. Roberto Melli

SPAZIO RISERVATO ALL'UFFICIO

OGGETTO:
LAVORI DI RESTAURO PRESSO
L'EDIFICIO SITO NELLA
CANTIERE S. MARIA DI
TERRANUOVA BRACCIOLE

ELABORATO:
PIANTE E SEZIONI DI INTERVENTO

Scala
1:50
T805
SETTEMBRE 2016

El. lavoro
746,16

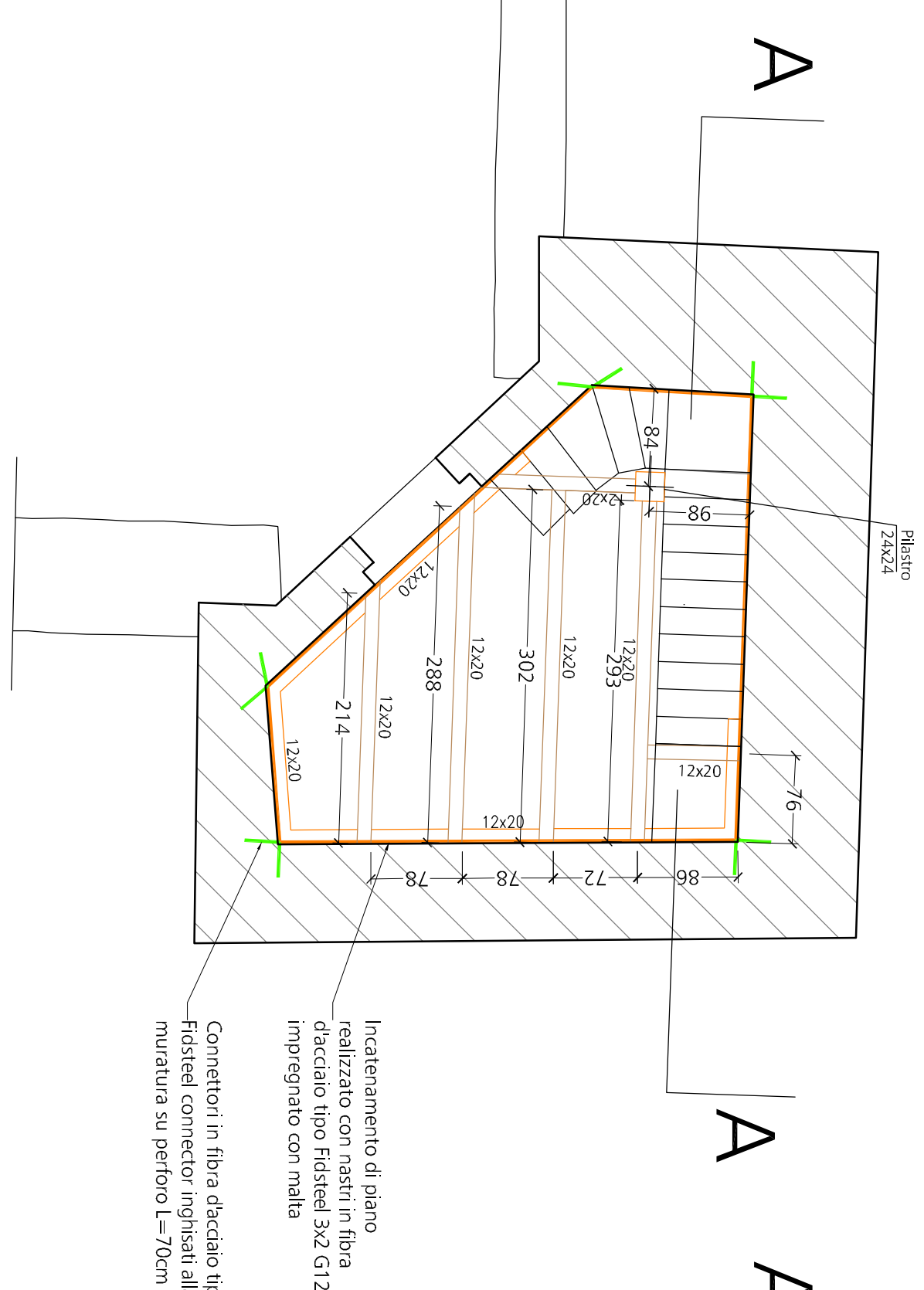
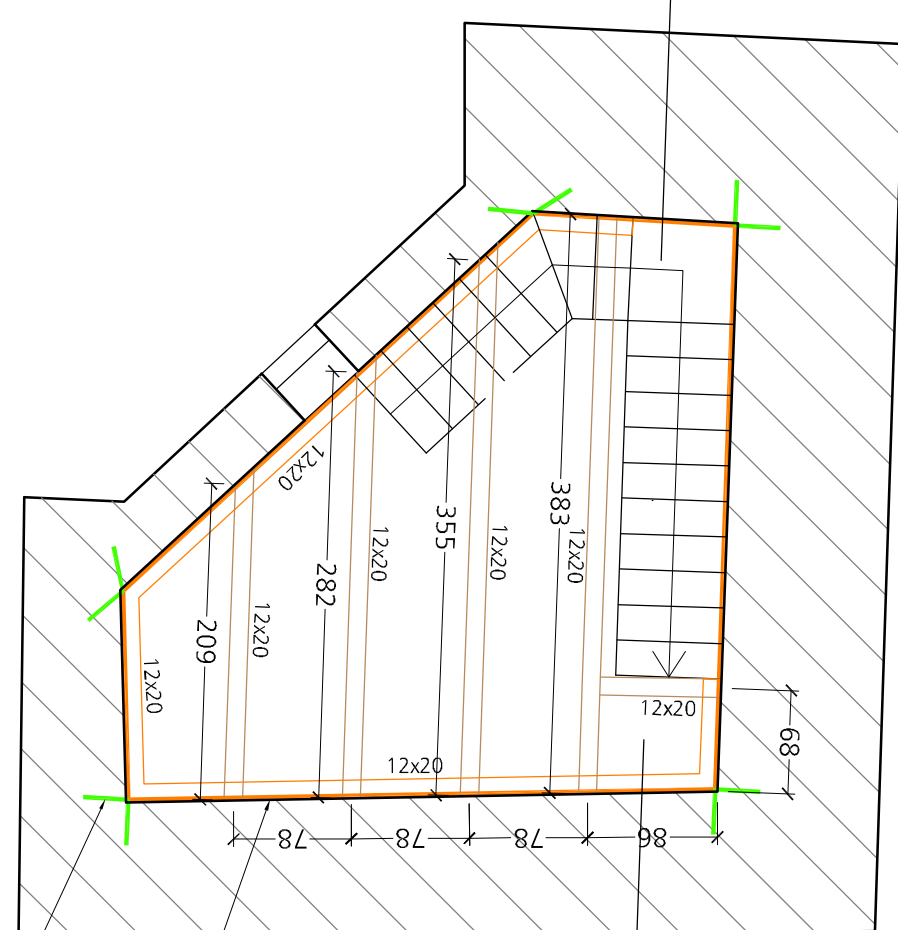
Dis. 187,16
Dis. 187,16
Dis. 187,16

Dis. 187,16
Dis. 187,16
Dis. 187,16

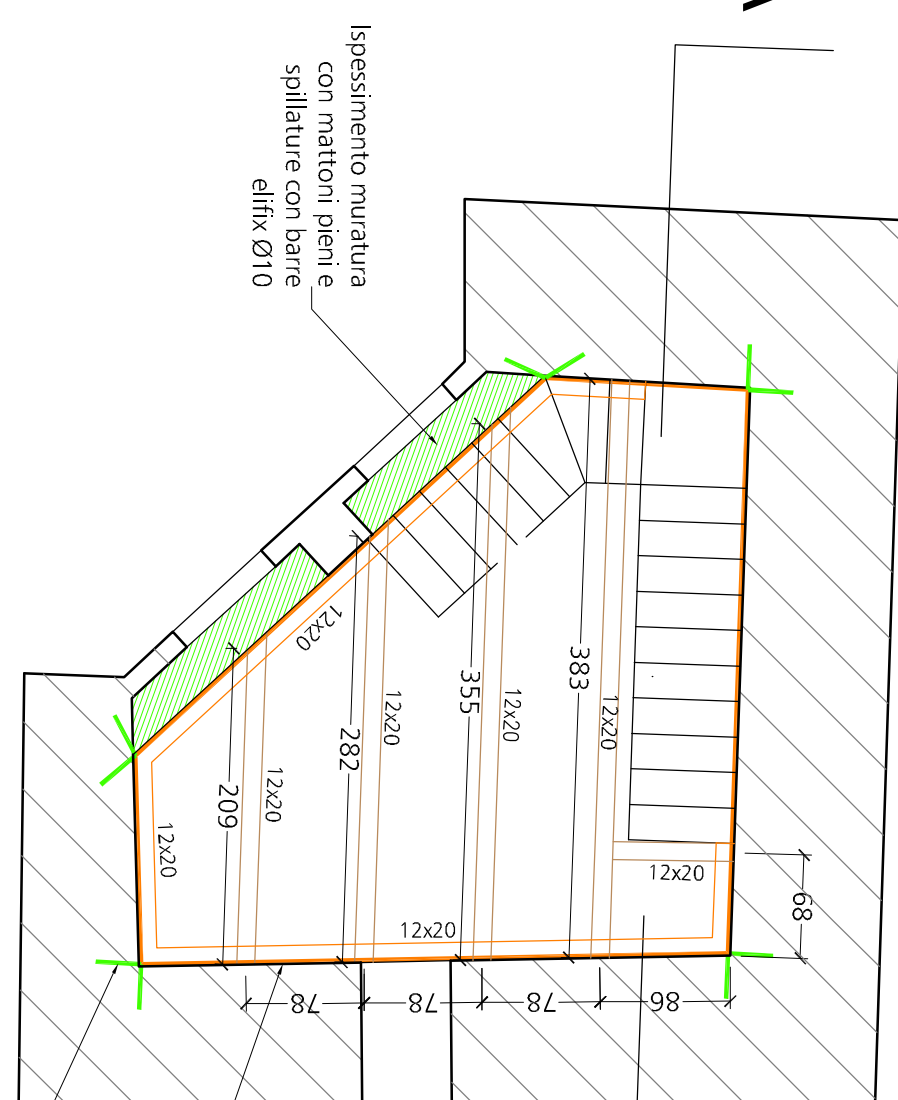
Area
associati
architettura + ingegneria + ambiente

tel. 0577 922000 - fax 0577 922001
e-mail: area@areaassociati.it

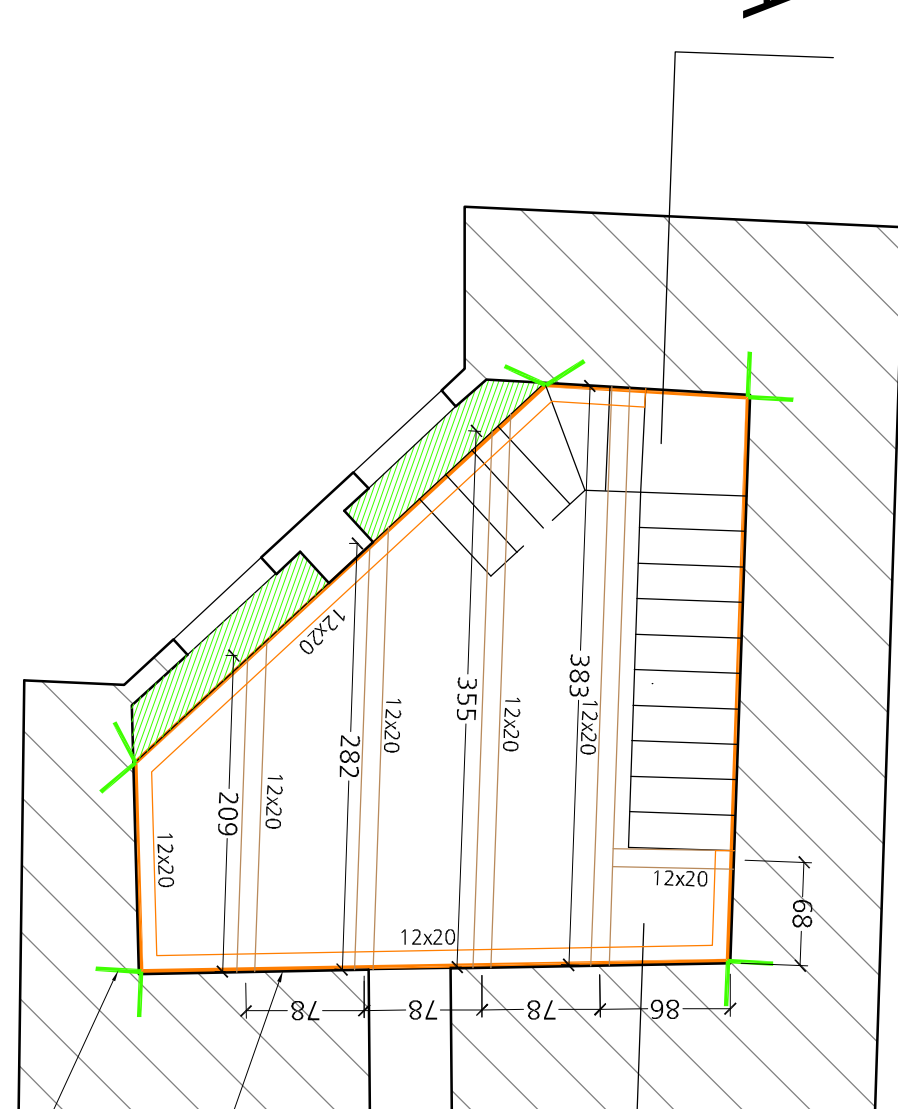
PIANTA SOLAIO PRIMO
LIVELLO

PIANTA SOLAIO SECONDO
LIVELLO

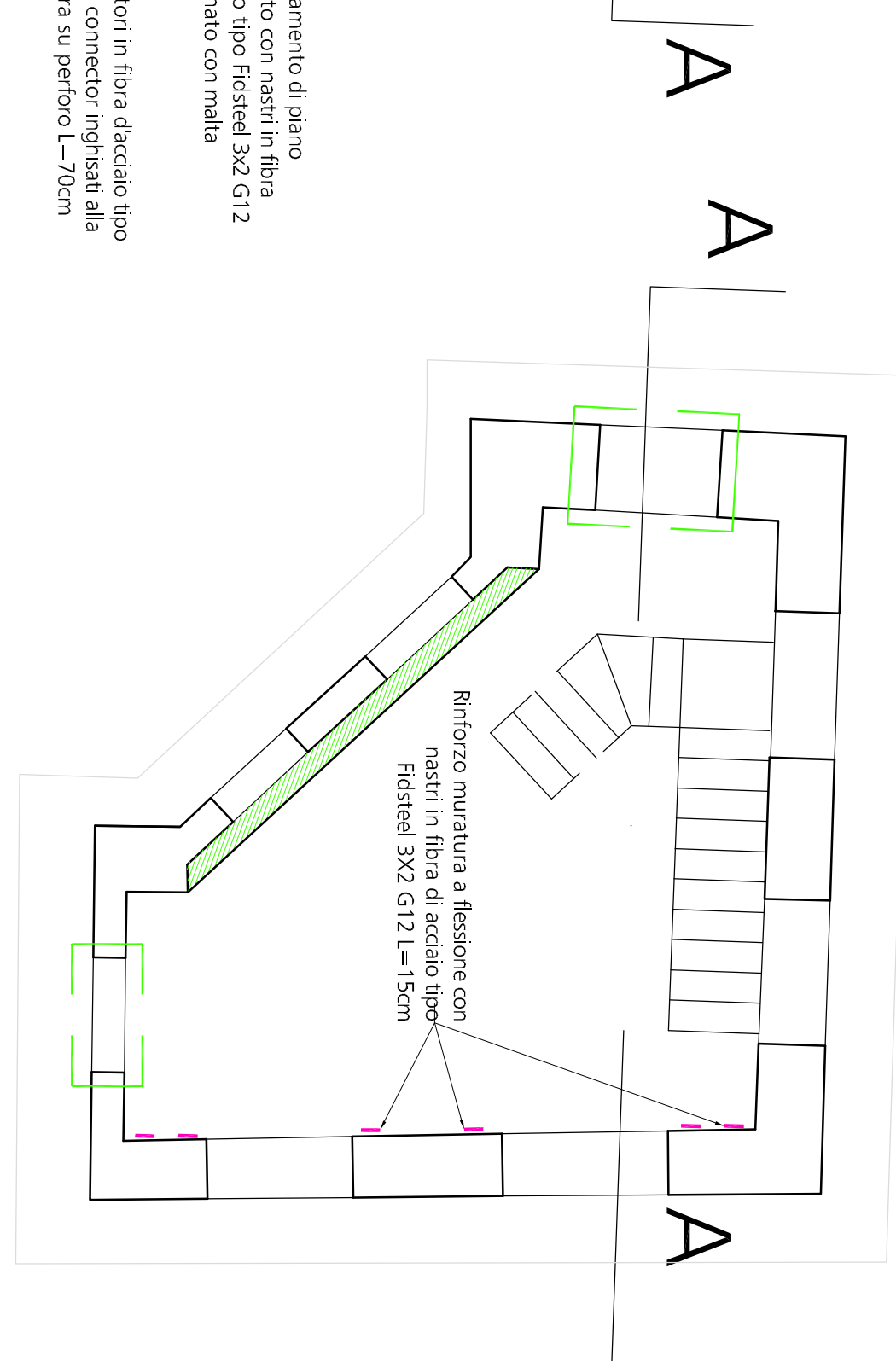
PIANTA SOLAIO
TERZO LIVELLO



PIANTA SOLAIO QUARTO
LIVELLO



PIANTA MURATURE PIANO
QUARTO



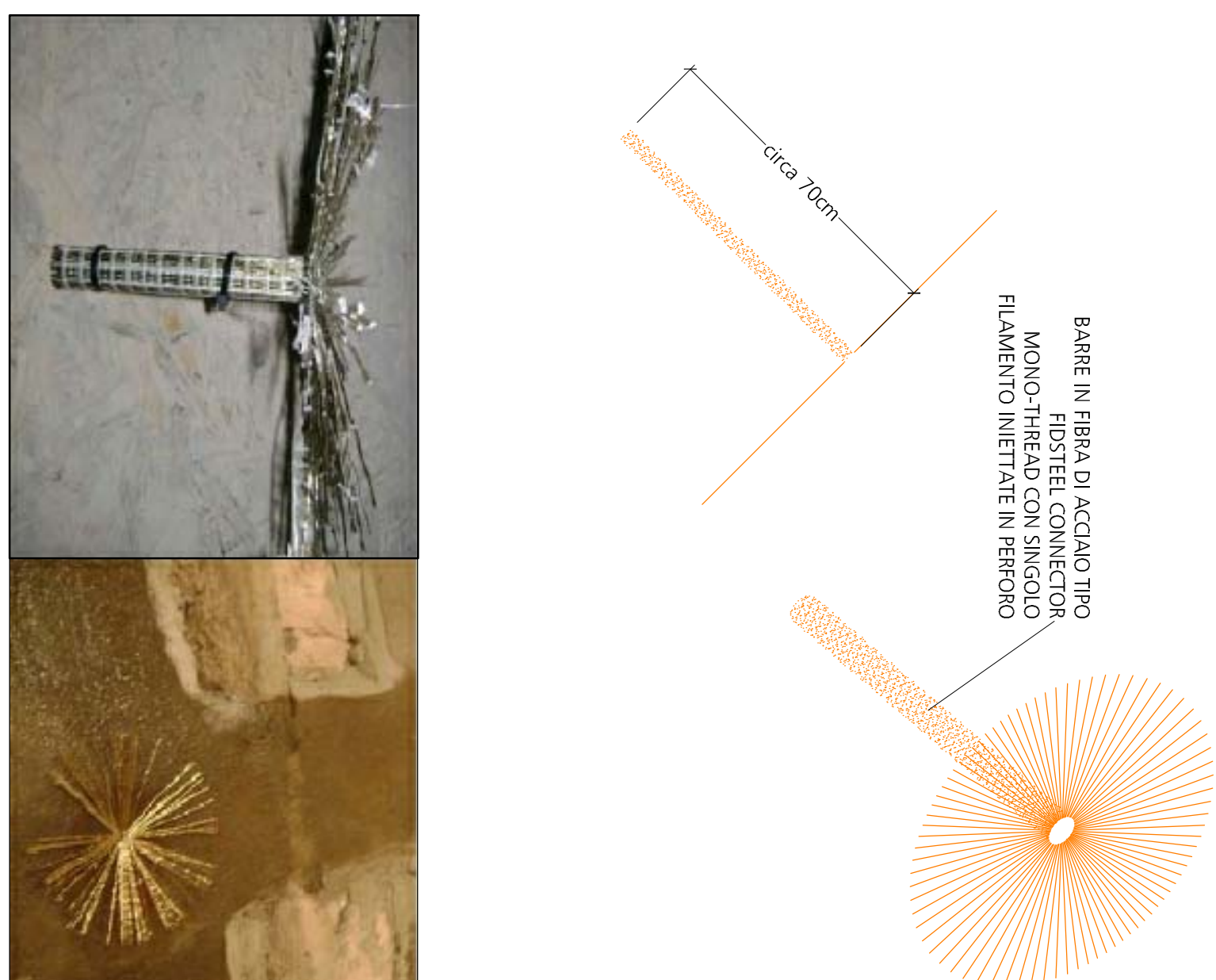
Cerco di rottura a trazione (kN)	10,7
Modulo di elasticità normale (del mezzo) (N/m ²)	1.800.000
Sicurezza di rottura a trazione (N/A)	82,8
Deformazione a rottura (%)	4,2
Densità (kg/m ³)	7460
Diametro nominale (mm)	10
Area effettiva (mm ²)	1,3

PROFILI A MECCANICHE E L'ESISTO UNIDIREZIONALE IN FIBRA DI CARBONIO TIPO T800E2,3E2,6 E 12	
Area effettiva di un trave 5 ft (mm)	0,6528
o trave (cm)	4,33
Modulo (gradietto trave) (gmm)	2,165
Spessore equivalente del rinforzo FRP, 1 metro (gmm)	0,272
Centro a rottura di un trave (N)	1507
Resistenza del rinforzo FRP del trave (N/ft)	190
Modulo di elasticità normale del rinforzo in FRP E metro (GPa)	190

PROPRIETÀ MECCANICHE DI LEGNO LAMELLARE IN COMPRESSIONE GIACQUENDO GIUSTA	
Resistenza a flessione (MPa)	24
Resistenza a trazione parallela alla fibratura (MPa)	0,45
Resistenza a trazione perpendicolare alla fibratura (MPa)	16,0
Resistenza a compressione parallela alla fibratura (MPa)	2,0
Resistenza a compressione perpendicolare alla fibratura (MPa)	24,7
Resistenza a taglio (MPa)	11,6
Modulo elastico medio parallelo alla fibratura (GPa)	11,7
Modulo elastico trasversario parallelo alla fibratura (GPa)	9,4
Modulo elastico medio perpendicolare alla fibratura (GPa)	0,29
Modulo elastico di taglio medio (GPa)	0,82
Modulo elastico di torsione (GPa)	0,70

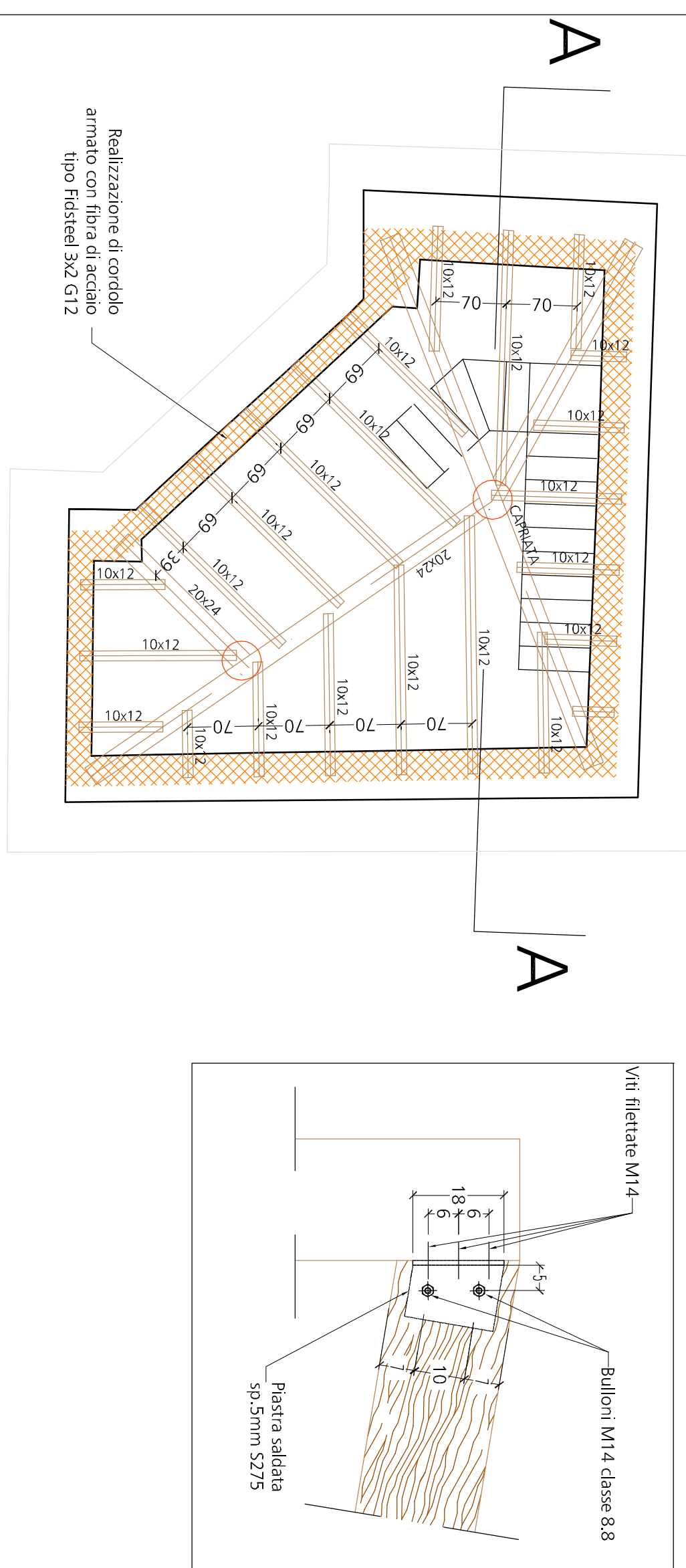
PROPIETÀ MECCANICHE RESINA EPOSSICA MODULO 330	
Resistenza a trazione (N/mm²)	30
Modulo elastico (N/mm²) flessione	3800
Modulo elastico (N/mm²) trazione	4500
Forza di adesione (N/mm²)	>=14
Resistenza a taglio su c.d. indurito (N/mm²)	>=12

PARTICOLARE BARRE
TIPO FIDSTEEL CONNECTOR MONO-THREAD

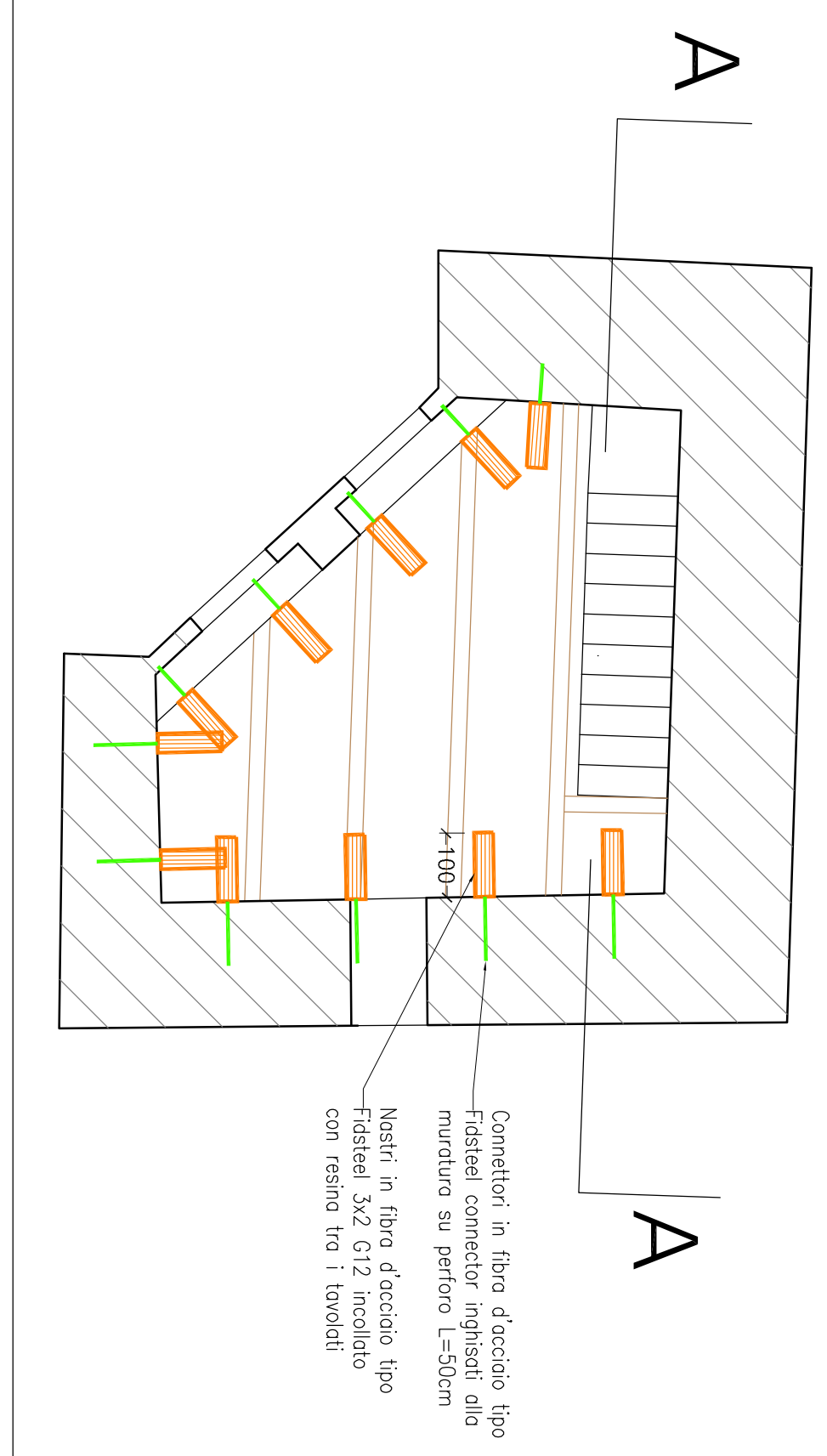


PIANTA NUOVA
COPERTURA

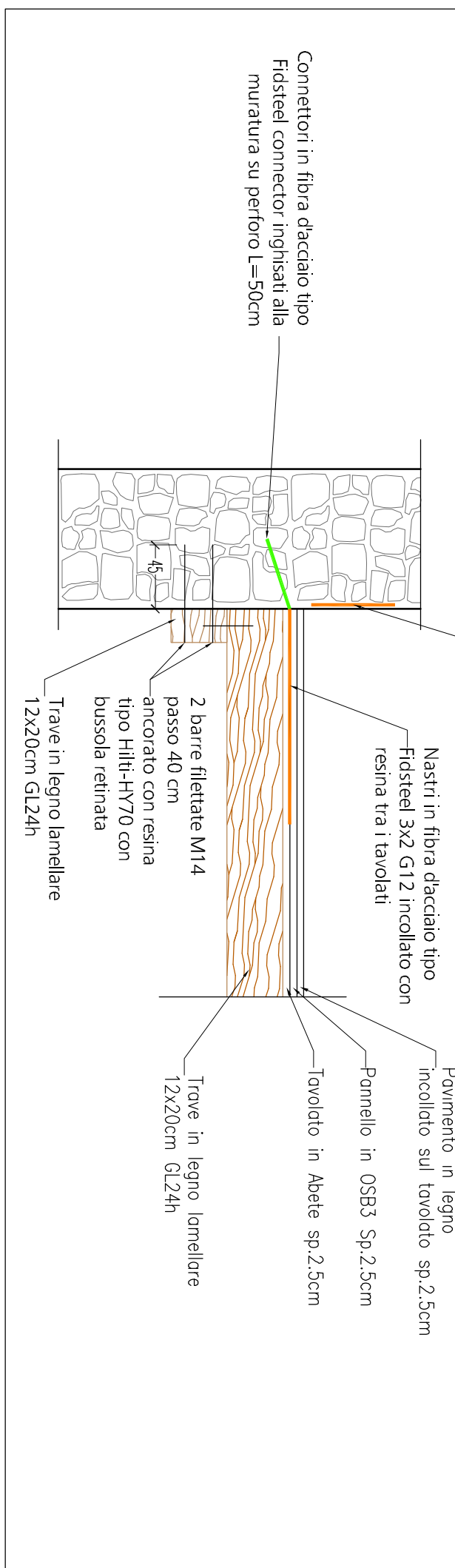
CONNESSIONI TRAVI PRINCIPALI



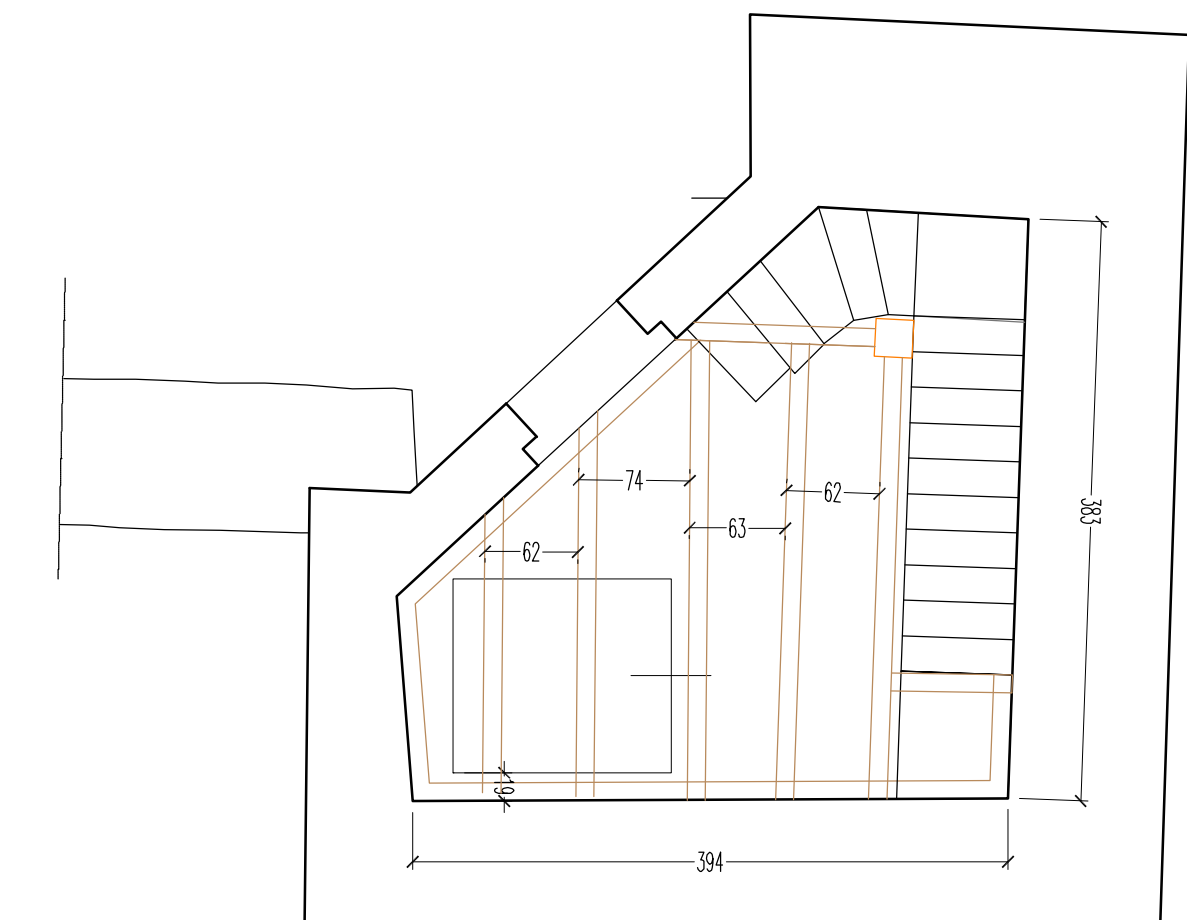
**IRRIGIDIMENTO SOLA
PIANTA TIPOLOGICA**
da realizzare su tutti i solai



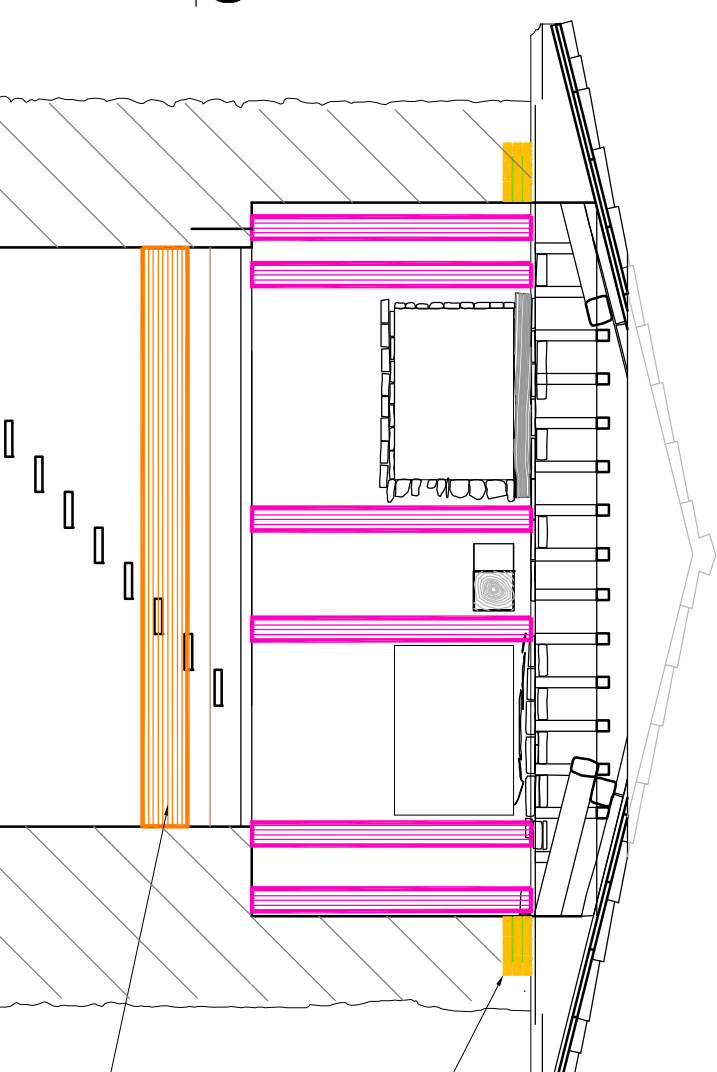
PARTICOLARE NUOVI SOLAI



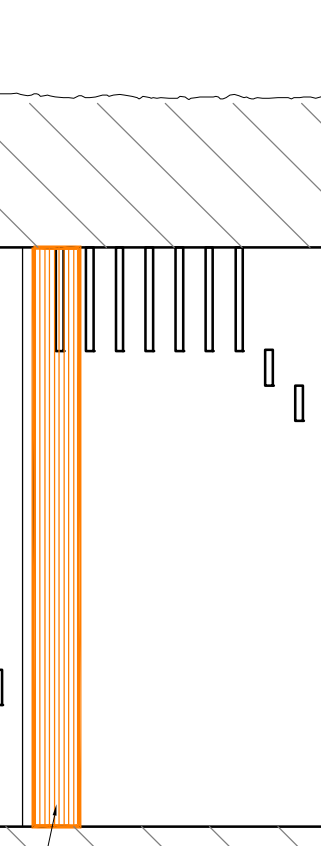
SEZIONE A-A



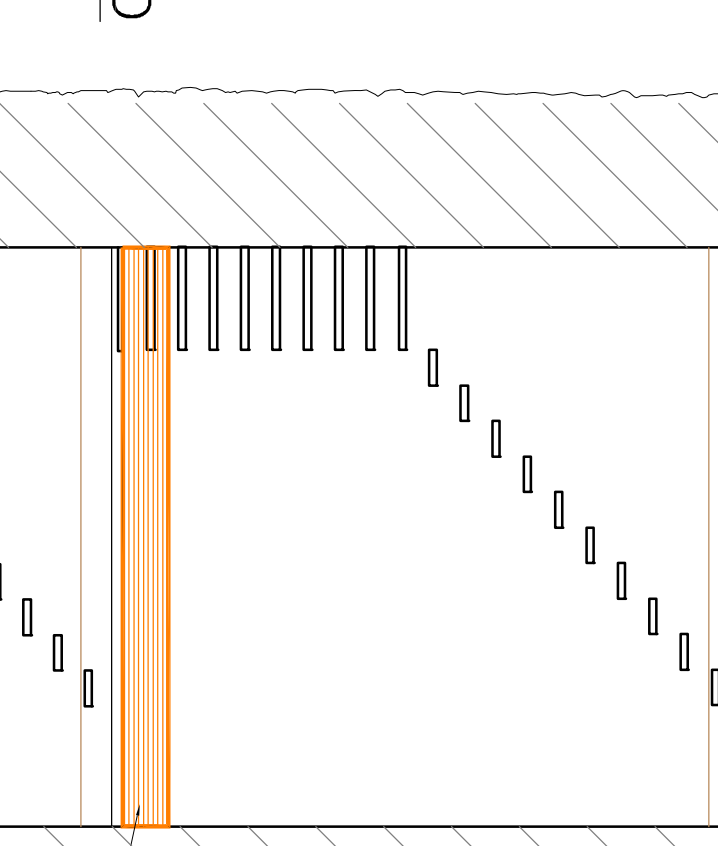
QUARTO SOLAIO



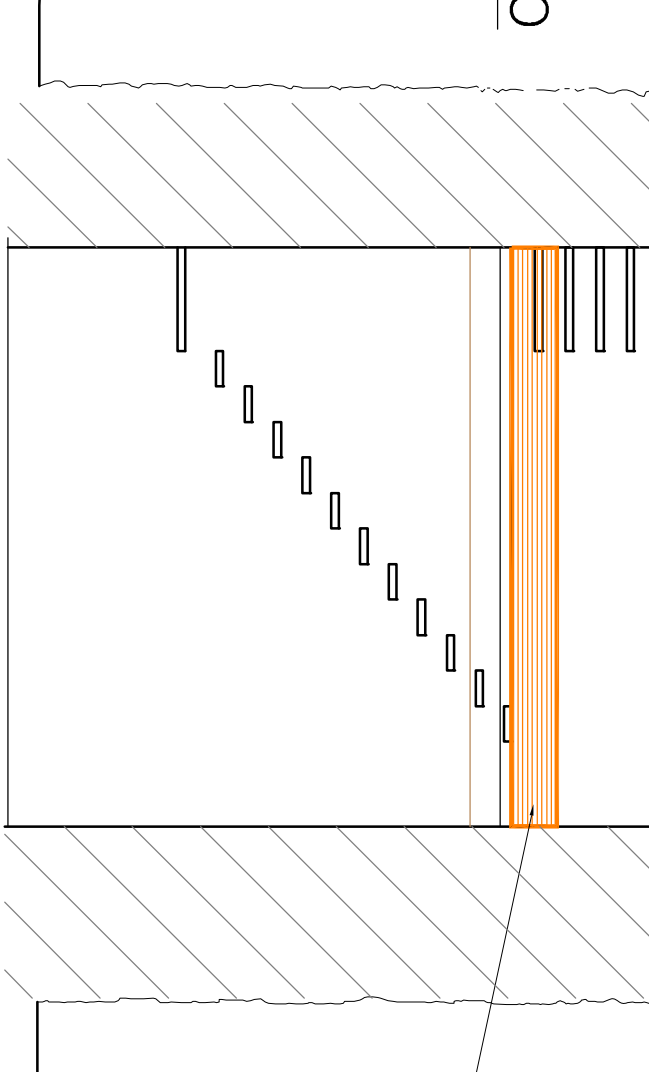
TERZO SOLAIO



SECONDO SOLAIO



PRIMO LIVELLO



COMUNE
di
NOVA BRACCIOLO
Provincia di Arezzo

PROGETTAZIONE
arch. Fiorenzo Paoa
arch. Claudio Calosci
arch. Andrea Naddiré

LABORATO:
LAVORI DI RESIAURO PRESSO TORRE
ANGOLARE SUD OVEST DELLA
CINTA MURARIA DI TERRANUOVA
BRACCIOLINI

PIANTE E PARTICOLARI COSTRUTTIVI	
Scala 1:100	Id. LAVORO 746.1
Ta06	
OTTOBRE 2016	
DISE. APP. DES.	DATA
RAI FP	12/10/16
Prima emissione	

Area
associati
architettura + ingegneria + ambiente

Viale Duce 109 - 52023 Montecatini (Pistoia) - Tel. + 39050/59501796
Fax + 39050/59565372 - www.areaassociati.it - info@areaassociati.it

