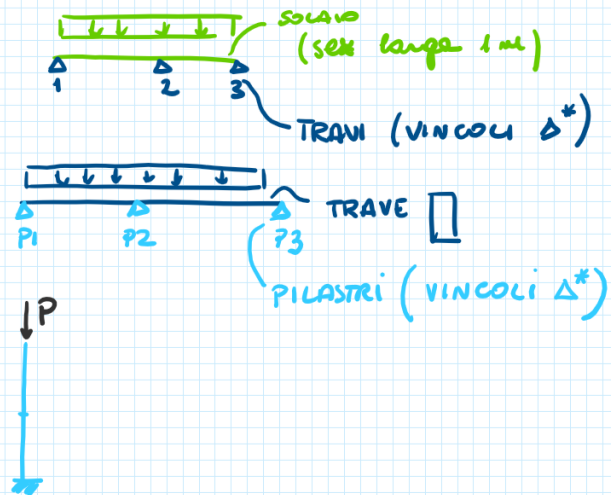
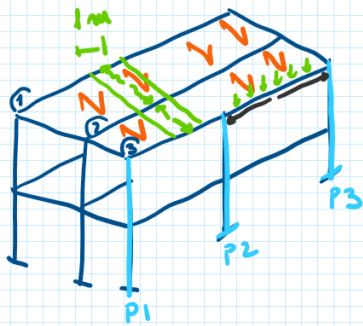


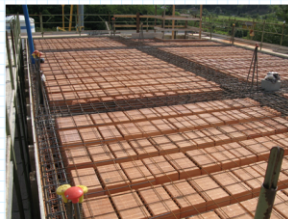
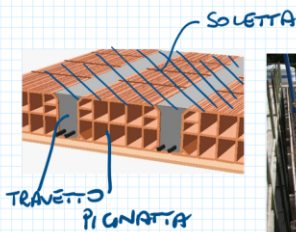
PROG. EDIFICIO RESIDENZIALE - 6 PIANI

EDIFICIO IN C.A. → STRUT. MONOLITICA → FORTEMENTE IPERSTATICA

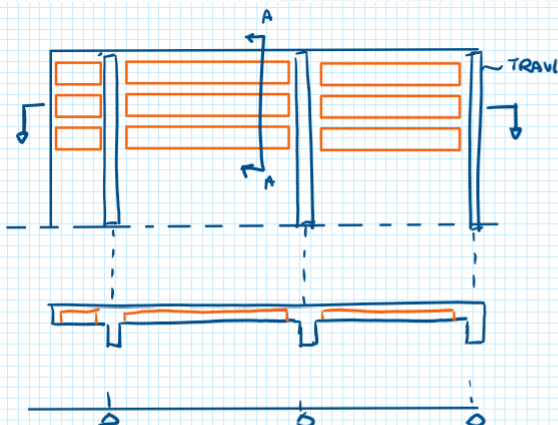


SOLAIO

SOLAIO MONODIMENSIONALE IN LATEROCEMENTO

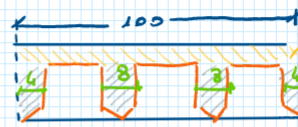


SOLAIO = TRAVETTI + SOLETTA + PIGNATTA
↓
ALLIEGERIMENTO

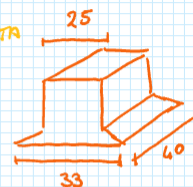


3 TRAVETTI / 1m

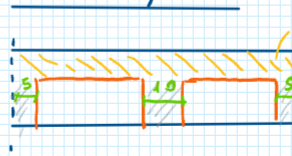
SEZ. A.A



3 TRAVETTI $b = 8 \text{ cm}$



2 TRAVETTI / 1m



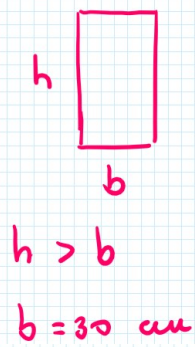
2 TRAVETTI $b = 10 \text{ cm}$



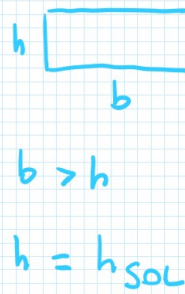
TRAVI



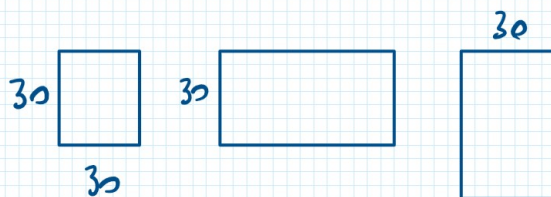
TRAVI EMERGENTI



TRAVI A SPESSORE



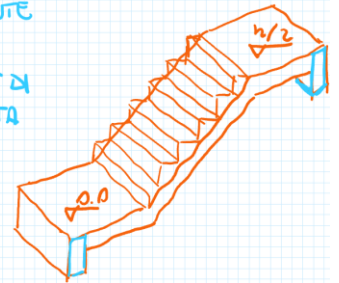
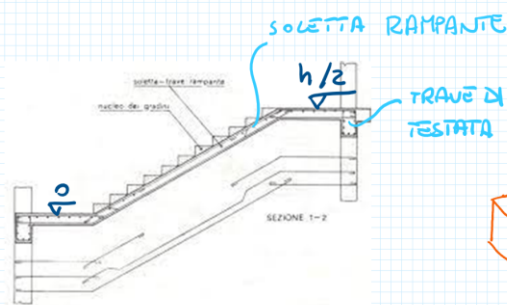
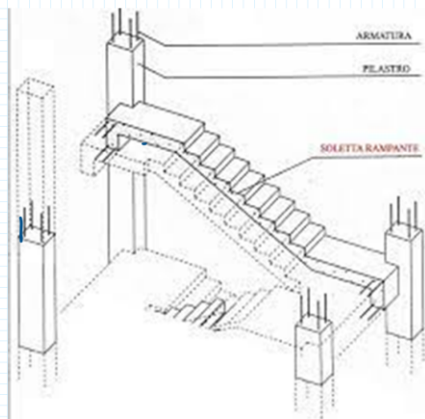
PILASTRI



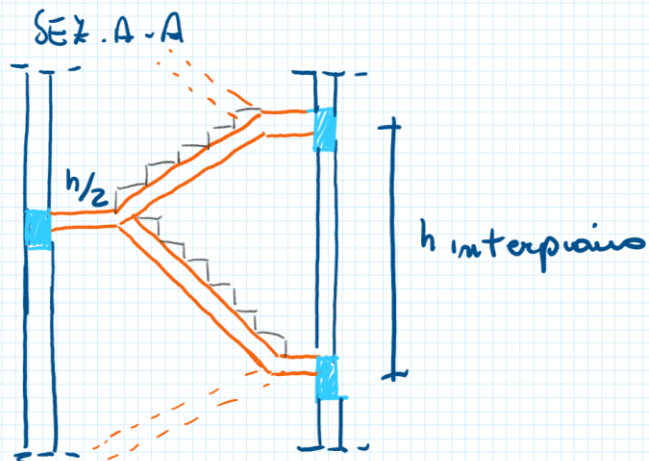
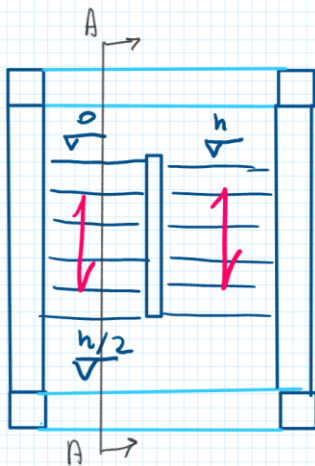
SCALE

- 1) SCALA A SOLETTA RAMPANTE
- 2) SCALA CON TRAVE A GINOCCHIO
- 3) SCALA ALLA GILIBERTI (ZONA SISMICA)

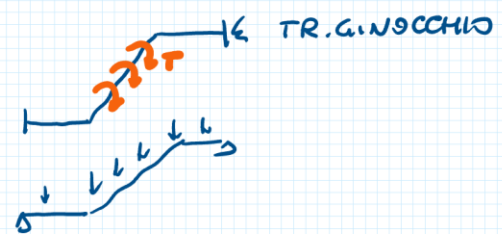
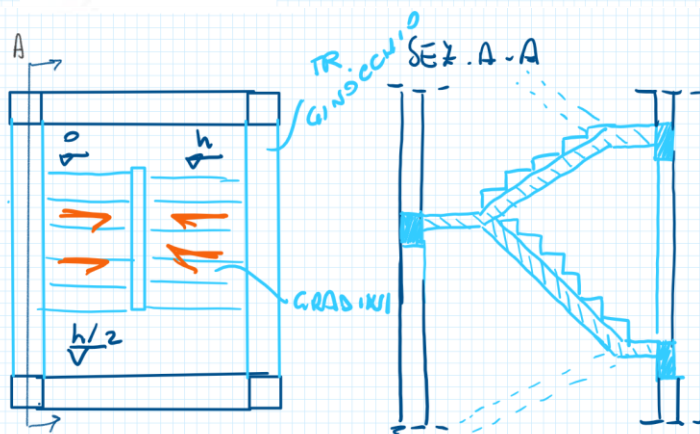
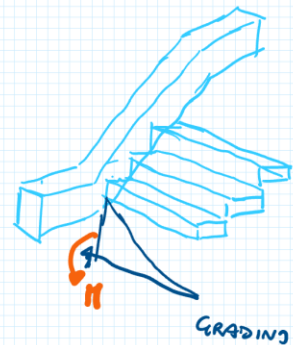
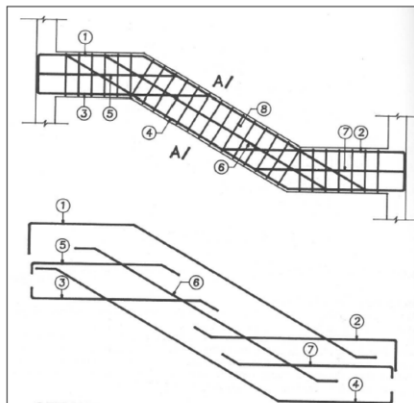
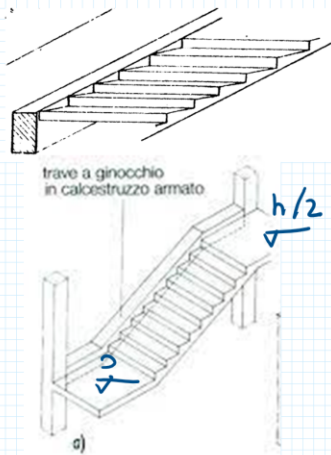
SCALA A SOLETTA RAMPANTE



SOLETTA → PORTANTE
GRADINI → CARICO

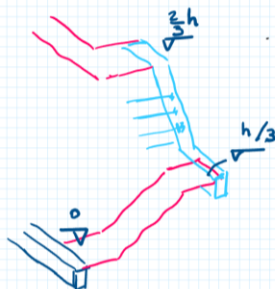
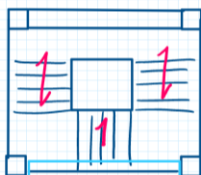


SCALA CON TRAVE A GINOCCHIO

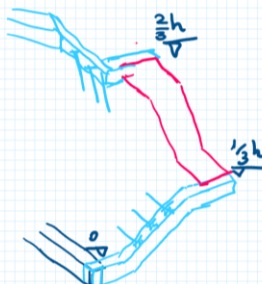
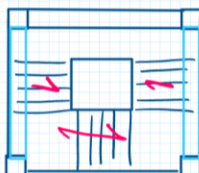


SCALE A 3 RAMPE

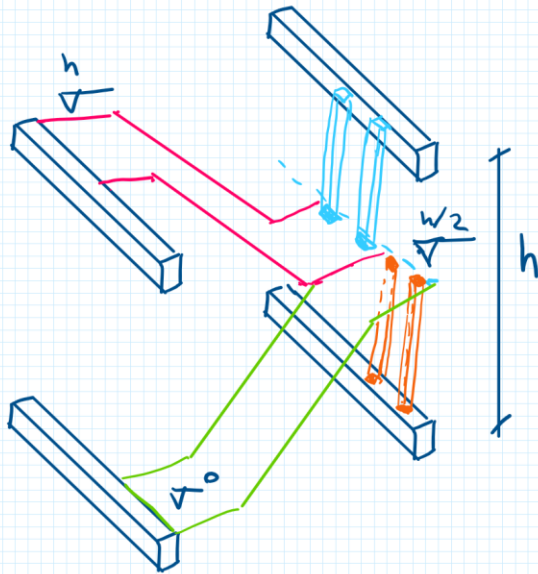
1) 2 SOLETTI RAMPANTI + 1 TRAVE A GINOCCHIO



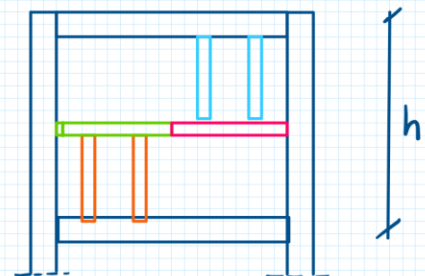
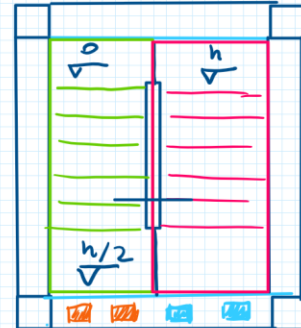
2) 2 TRAVI A GINOCCHIO + 1 SOLETTA RAMPANTE



SCALA ALLA GILIBERTI

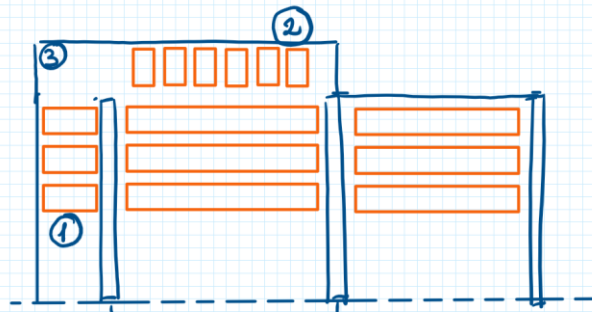


LE DUE RAMPE SONO "SEPARATE"
 I PIANI NON COLLEGATI TRA LORO



SBALZI

SBALZI ← IN PROSECUZIONE ①
 LATERALI ②
 D'ANGOLO ③



SBALZO IN PROSECUZIONE



SBALZO LATERALE

Sbalzo laterale

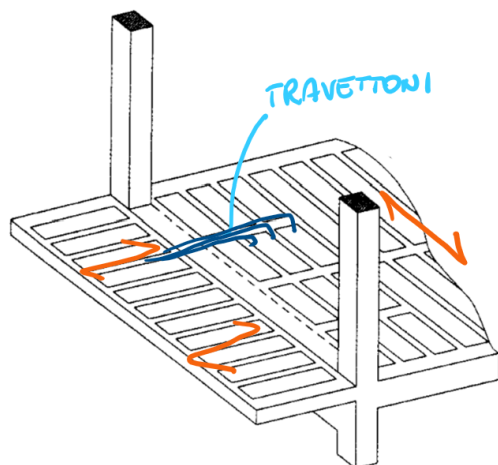
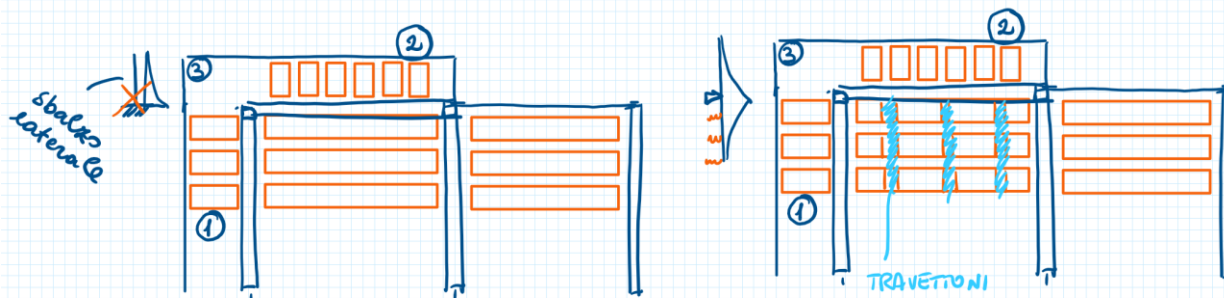
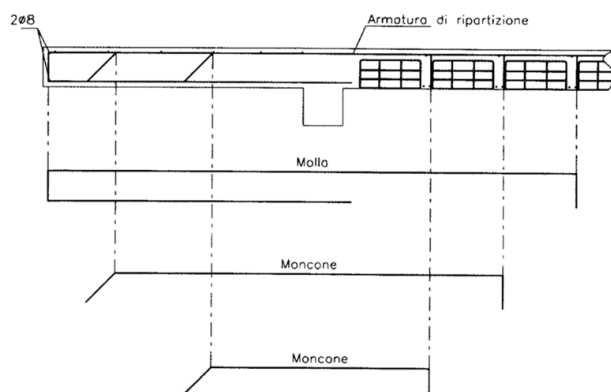
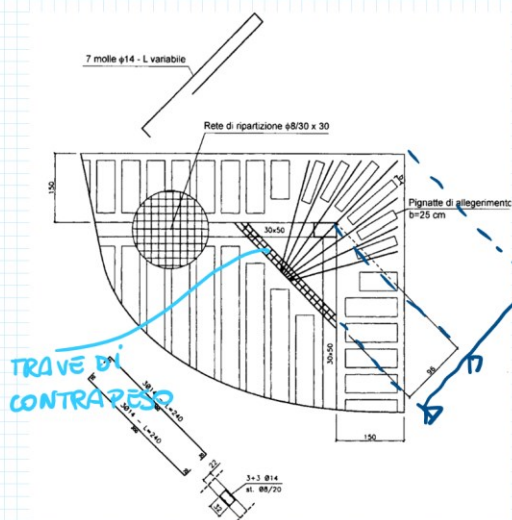


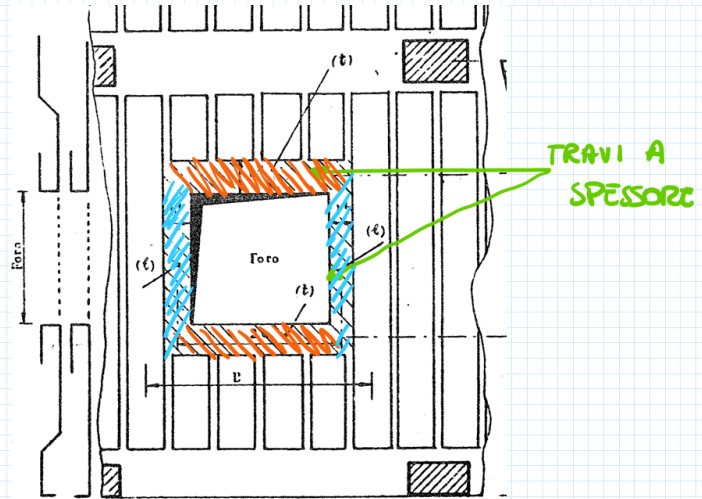
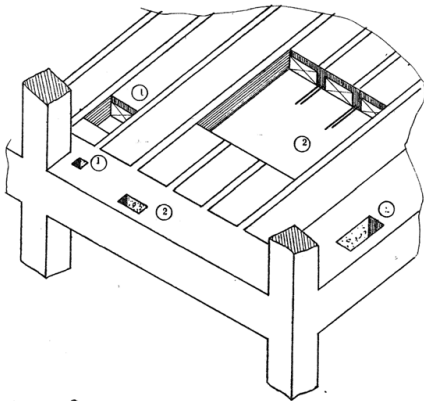
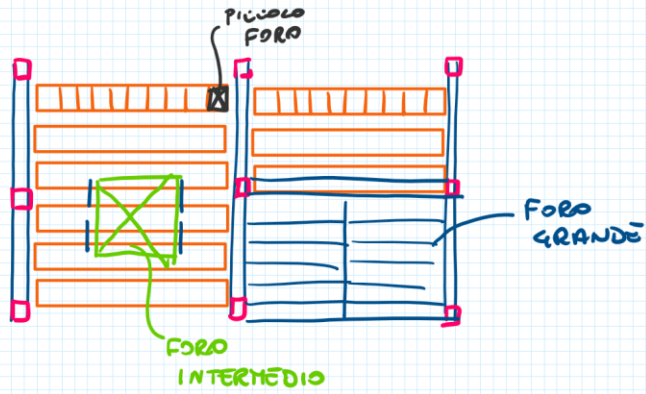
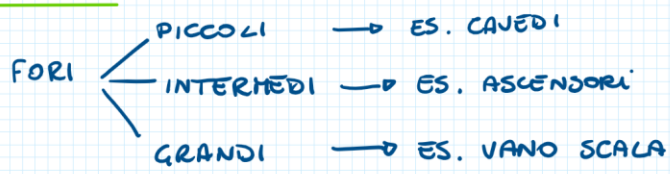
Fig. 1.61



SBALZO D'ANGOLO



FORI



IMPOSTAZIONE DELLA CARPENTERIA

$L_{SOLAI} \leq 6.0 \text{ m}$

$L_{TR. CH} \leq 5 \div 5.5 \text{ m}$

$L_{TR. SPES} \leq 4.0 \text{ m}$

$L_{SBALZO} \leq 2.0 \text{ m}$

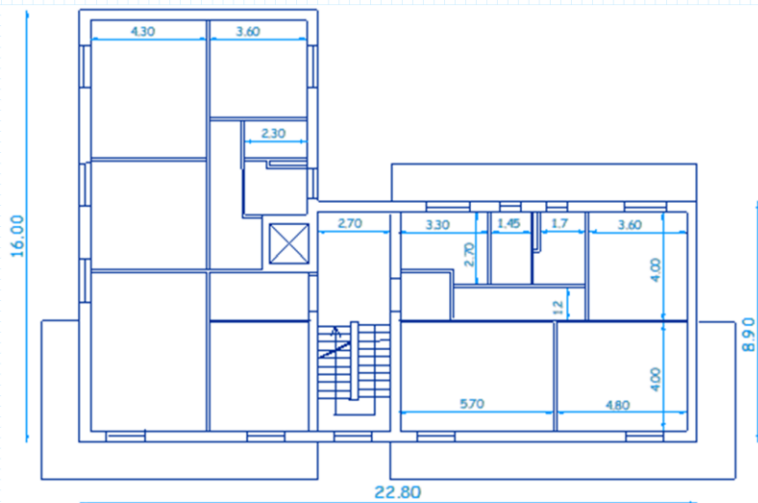
— TR. EMERGENTI

↗ SOLAI

— TR. CHIUSURA

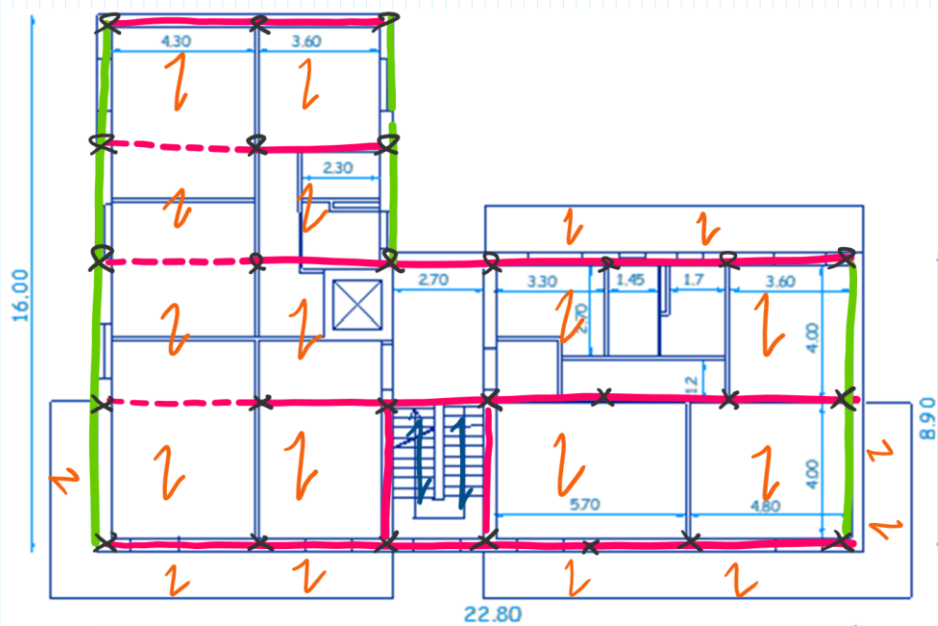
X PILASTRI

---- TR. SPESORE



Hp. 1: Allineamenti orizz

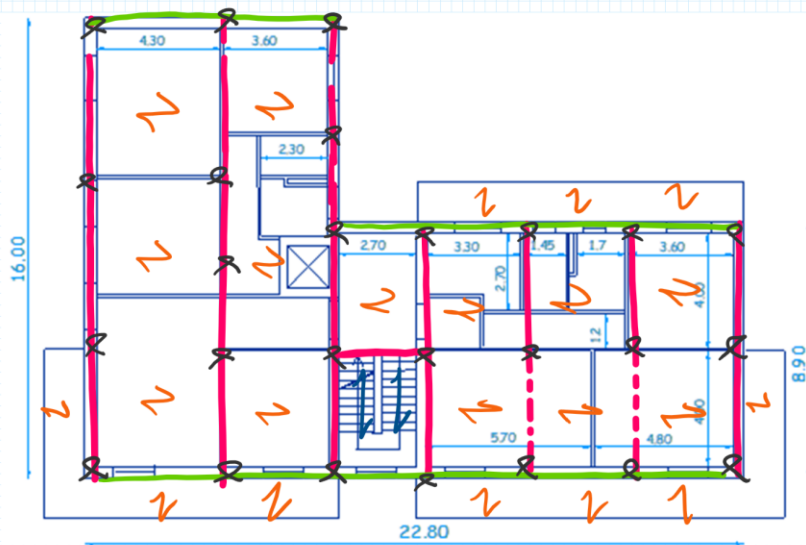
⇒ funziona bene a destra
tran a spess. lunghe



Hp. 2: allineamenti verticali

funziona bene a sinistra

=> travi a spessore lunghe
prevalenza sbalzi laterali



Hp. 3: allineamenti misti

(nel mio caso) e' la
soluzione migliore

