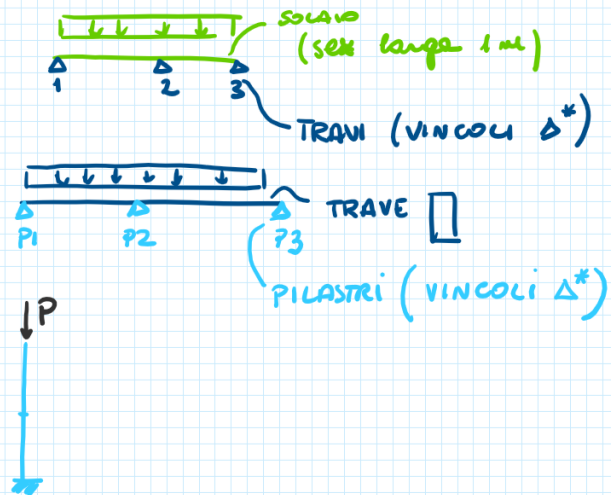
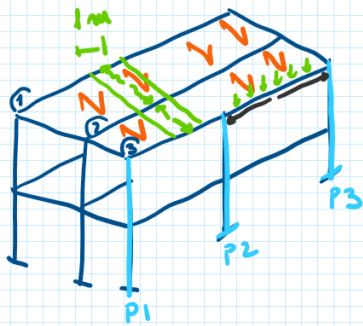


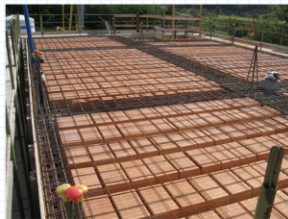
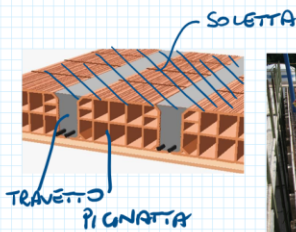
## PROG. EDIFICIO RESIDENZIALE - 6 PIANI

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



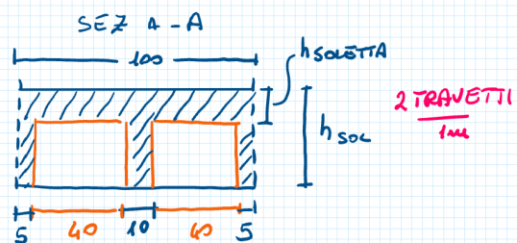
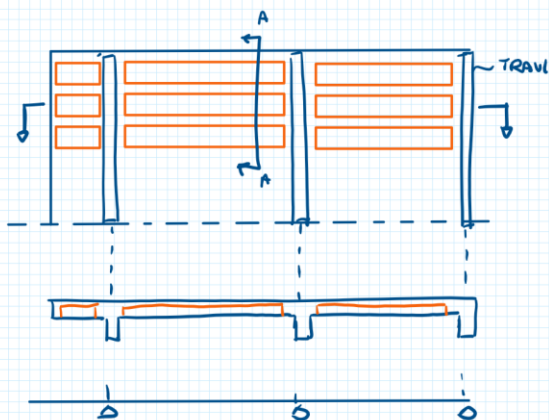
### SOLAIO

SOLAIO MONODIMENSIONALE IN LATEROCEMENTO

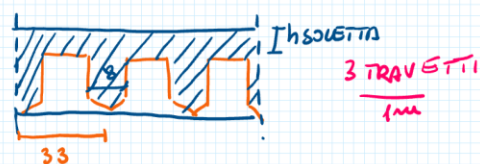


SOLAIO = TRAVETTI + SOLETTA + PIGNATTE

↓  
ALLIEGERIMENTO



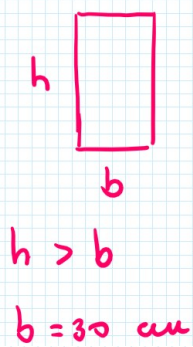
OPPURE



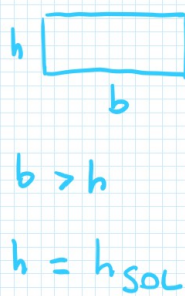
## TRAVI



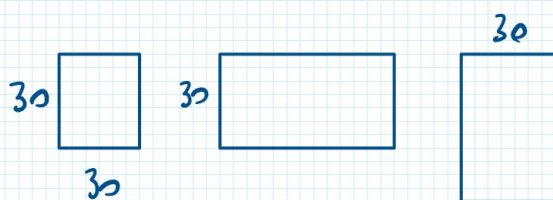
TRAVI EMERGENTI



TRAVI A SPESSORE



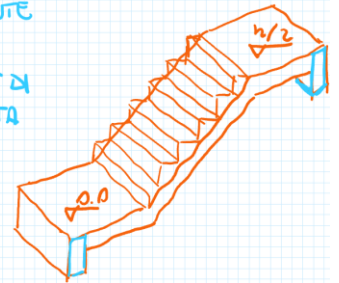
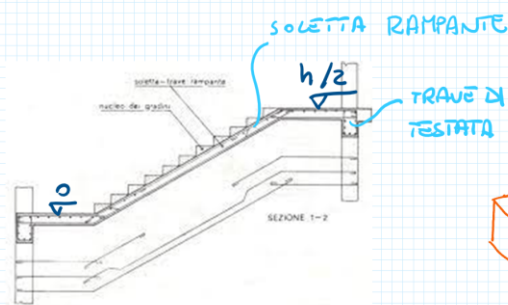
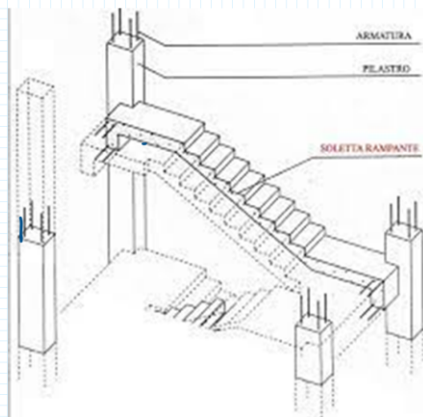
## PILASTRI



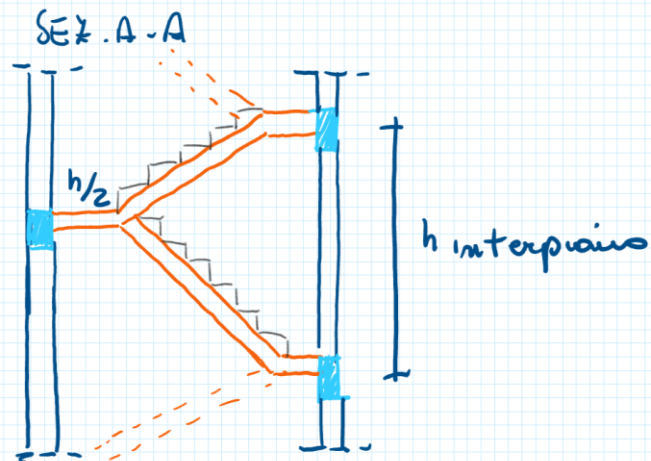
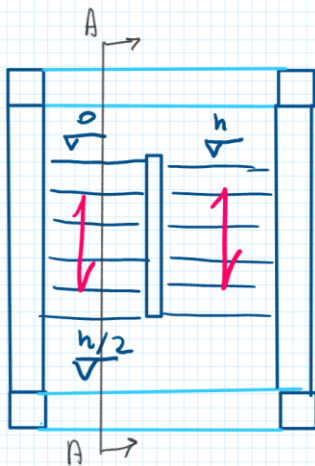
## SCALE

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

### SCALA A SOLETTA RAMPANTE

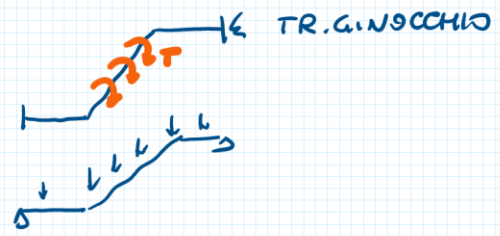
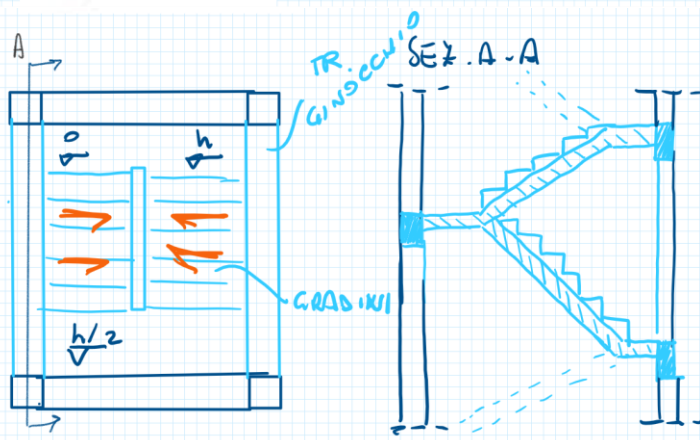
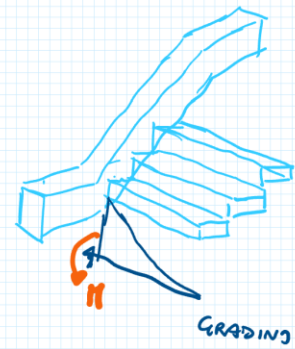
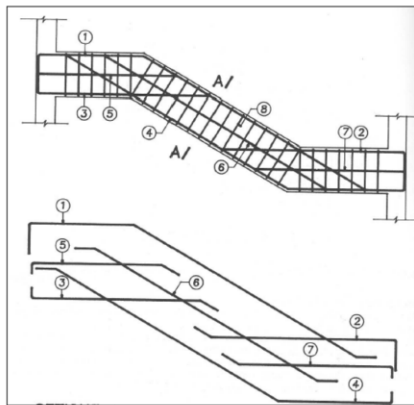
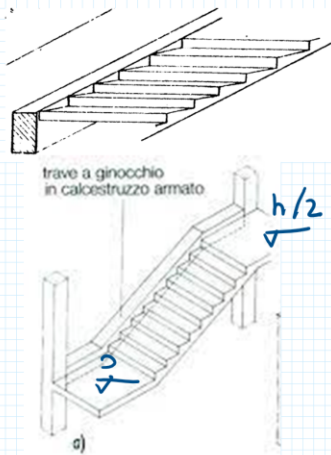


SOLETTA → PORTANTE  
GRADINI → CARICO



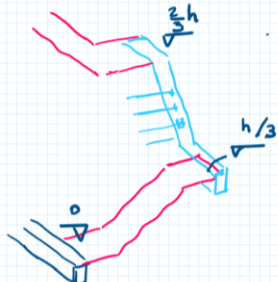
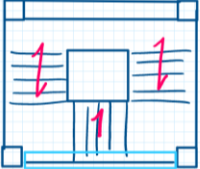


## SCALA CON TRAVE A GINOCCHIO

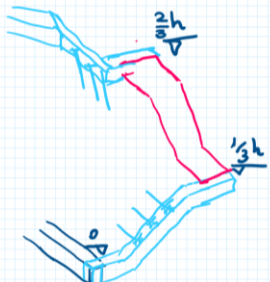
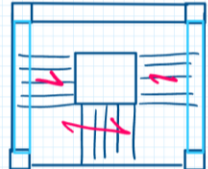


## SCALE A 3 RAMPE

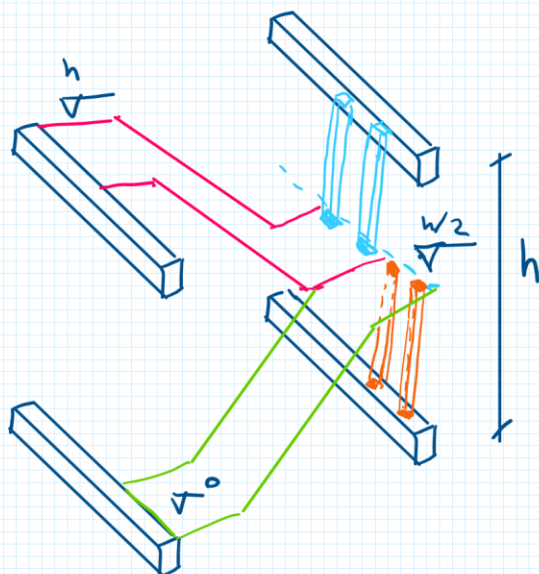
1) 2 SOLETTI RAMPANTI + 1 TRAVE A GINOCCHIO



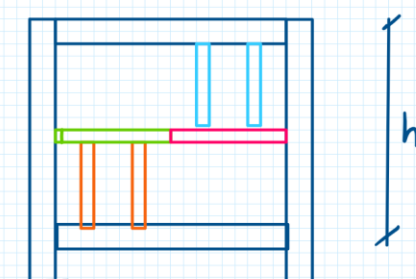
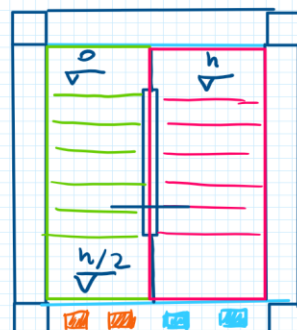
2) 2 TRAVI A GINOCCHIO + 1 SOLETTA RAMPANTE



## SCALA ALLA GILIBERTI

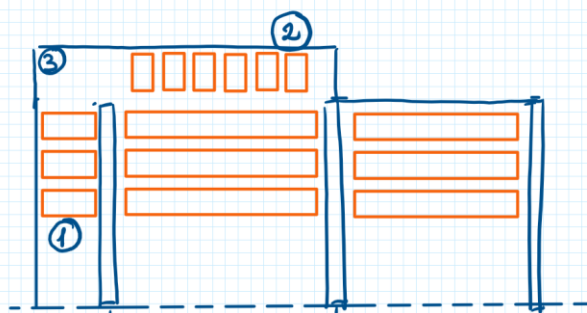


LE DUE RAMPE SONO "SEPARATE"  
 I PIANI NON COLLEGATI TRA LORO



## SBALZI

SBALZI ← IN PROSECUZIONE ①  
 LATERALI ②  
 D'ANGOLO ③



## SBALZO IN PROSECUZIONE



## SBALZO LATERALE

### Sbalzo laterale

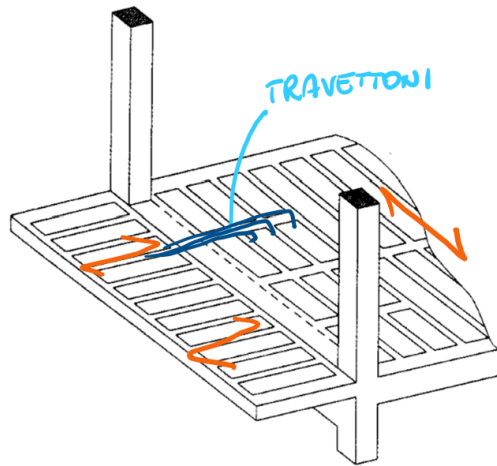
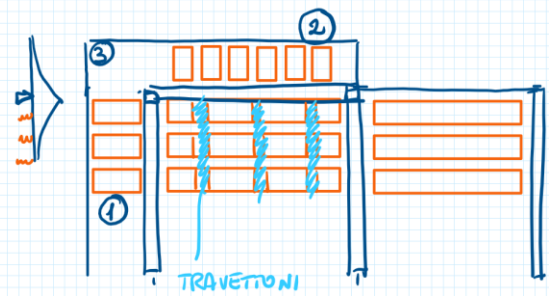
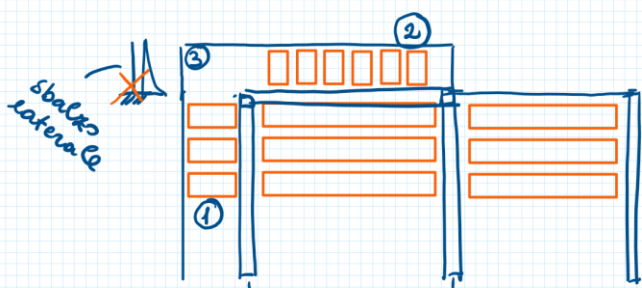
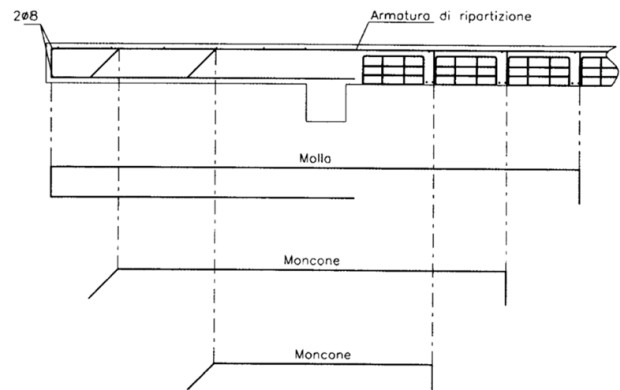
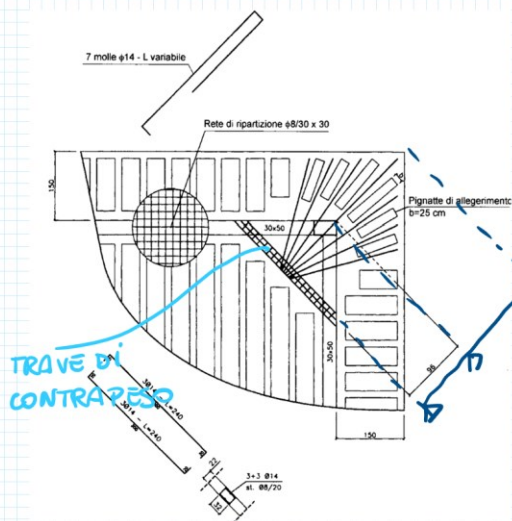


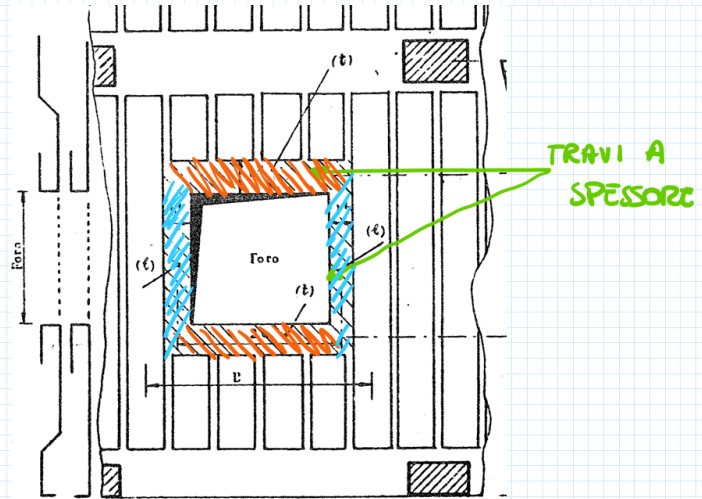
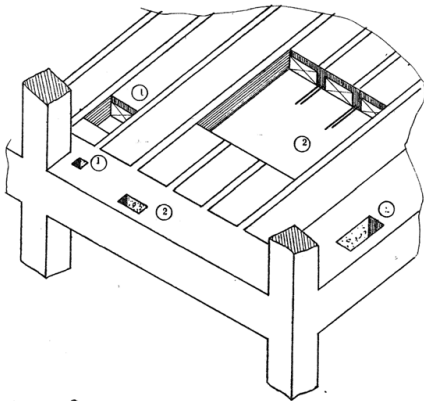
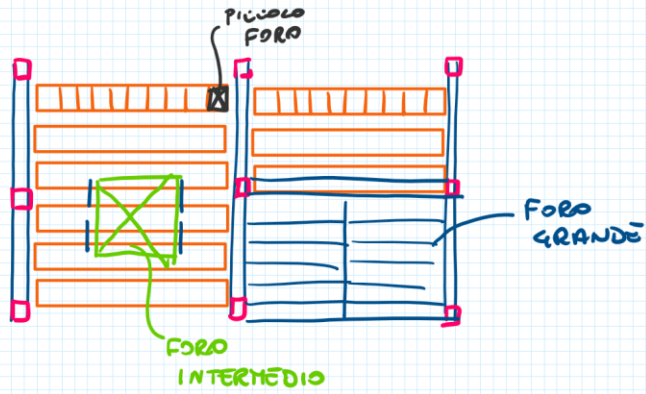
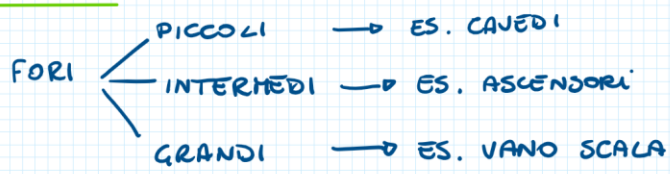
Fig. 1.61



## SBALZO D'ANGOLO



## FORI



# IMPOSTAZIONE DELLA CARPENTERIA

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

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

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

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

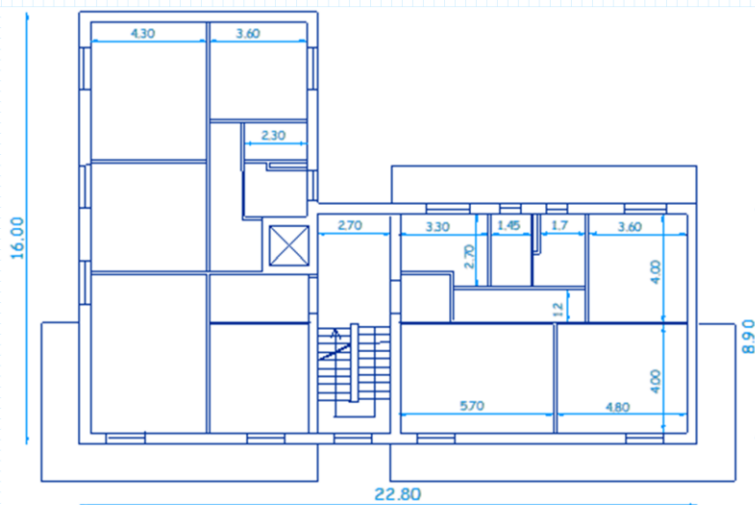
— TR. EMERGENTI

↗ SOLAI

— TR. CHIUSURA

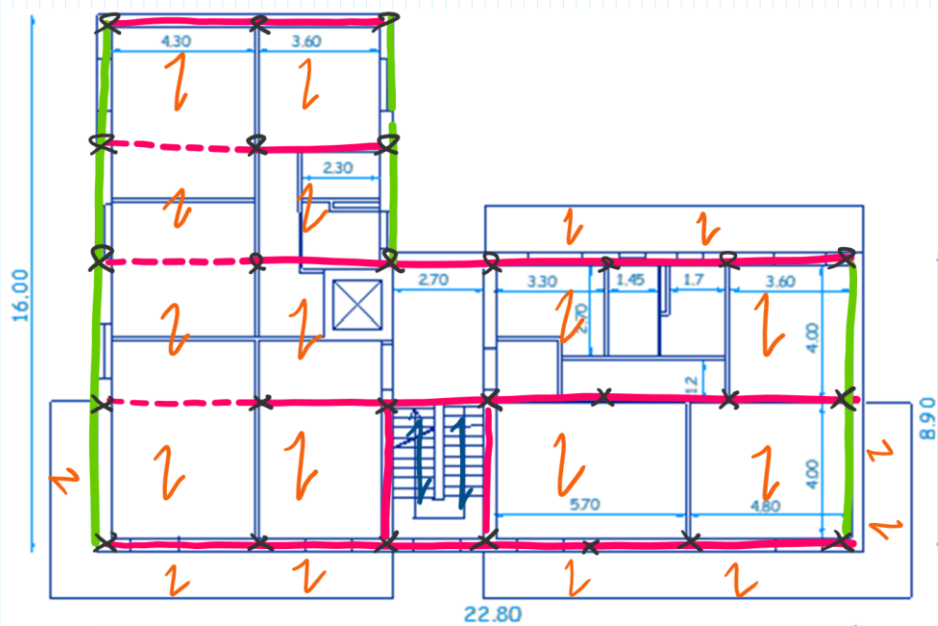
X PILASTRI

---- TR. SPESORE



Hp. 1: Allineamenti orizz

⇒ funziona bene a destra  
tran a spess. lunghe

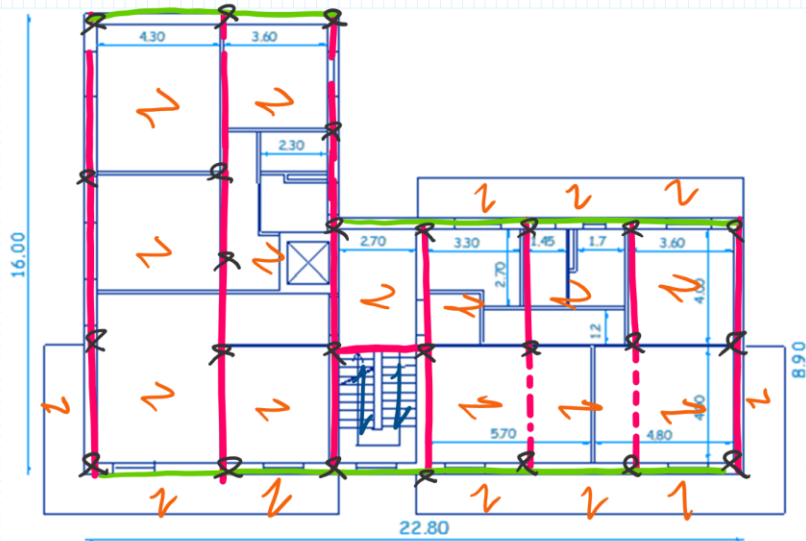




Hp. 2: allineamenti verticali

funziona bene a sinistra

=> travi a spessore lunghe  
prevalenza sbalzi laterali



Hp. 3: allineamenti misti

(nel mio caso) e' la  
soluzione migliore

