

COMUNE di ALESSANDRIA DELLA ROCCA
PROVINCIA di Agrigento

TABULATI DI CALCOLO

VERIFICHE DI VULNERABILITÀ SISMICA
STRUTTURA "B" ANTE INTERVENTO

SCHEMI E GRAFICI PUSH-OVER

OGGETTO:	PLESSO ADIBITO A SCUOLA PRIMARIA "L. CAPUANA" DELL'ISTITUTO COMPRENSIVO "A. MANZONI" Via Portella n°1 - (N.C.T.: Fg.20 p.IIa 463)
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COMMITTENTE:	COMUNE DI ALESSANDRIA DELLA ROCCA
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IL TECNICO

VISTI

VERIFICHE DI VULNERABILITÀ SISMICA del Plesso adibito a scuola primaria “L. Capuana” dell’Istituto Comprensivo “A. Manzoni” - Via Portella n° 1 (N.T.C.: Fg. n° 20 – P-Ila 463) del comune di Alessandria della Rocca. - **STRUTTURA “B”**-

Le seguenti figure rappresentano schemi e alcune caratteristiche della struttura:

Fig. 1 – Schema struttura vista 1

La direzione di visualizzazione relativamente al sistema di riferimento globale 0,X,Y, Z, ha versore (1;1;-1)

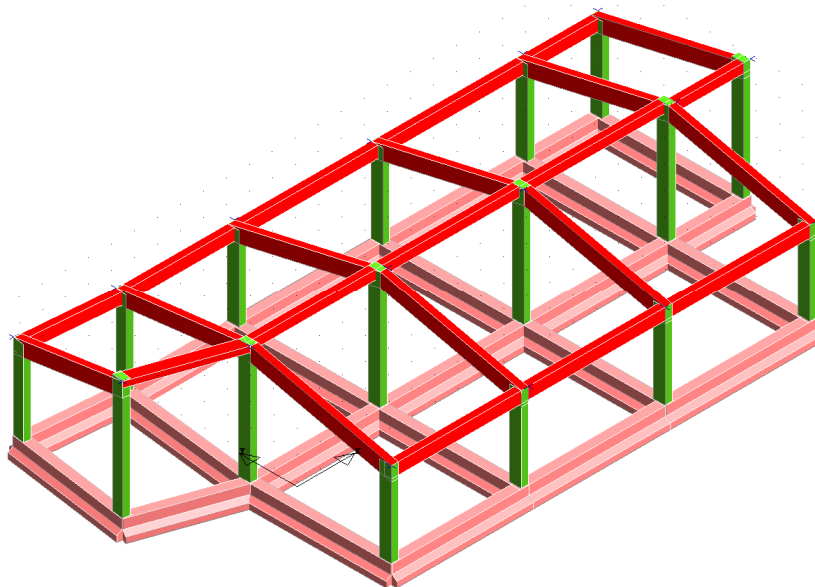


Fig. 2 – Schema struttura vista 3

La direzione di visualizzazione relativamente al sistema di riferimento globale 0,X,Y, Z, ha versore (-1;-1;-1)

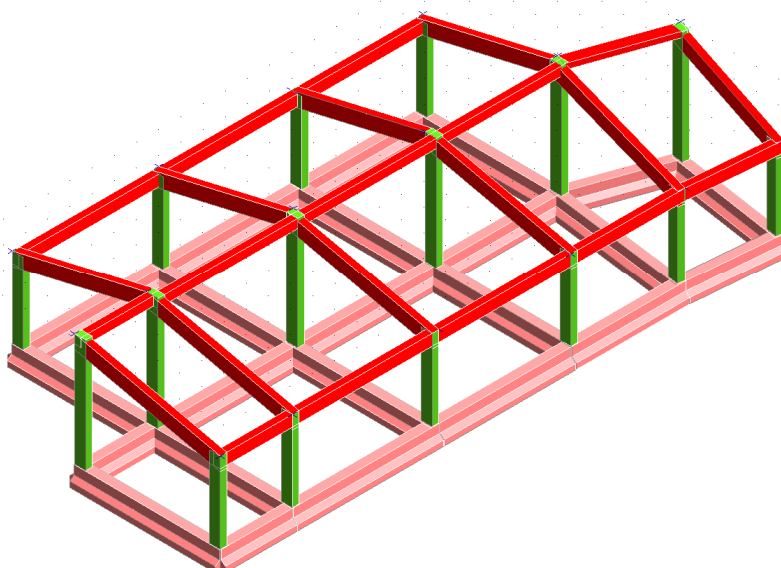


Fig. 3 – Schema struttura con carichi vista 1

La direzione di visualizzazione relativamente al sistema di riferimento globale 0,X,Y, Z, ha versore (1;1;-1)

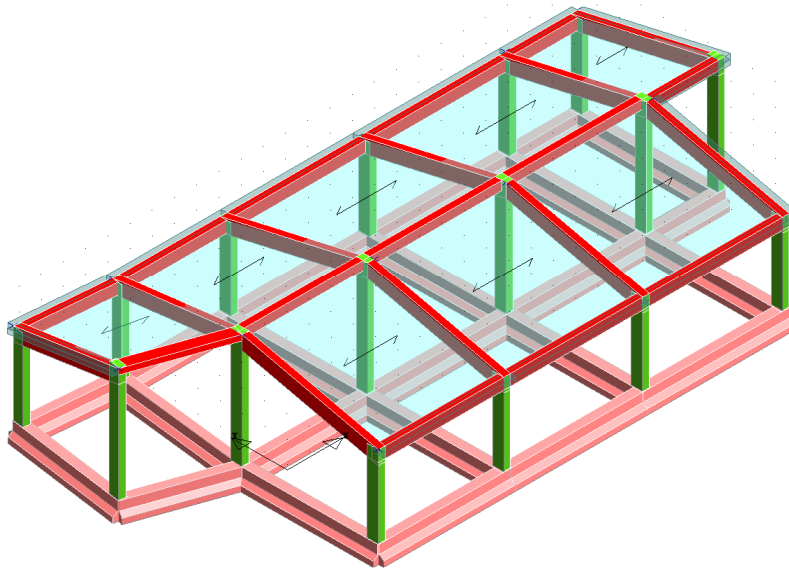


Fig. 4 – Schema struttura con carichi vista 3

La direzione di visualizzazione relativamente al sistema di riferimento globale 0,X,Y, Z, ha versore (-1;-1;-1)

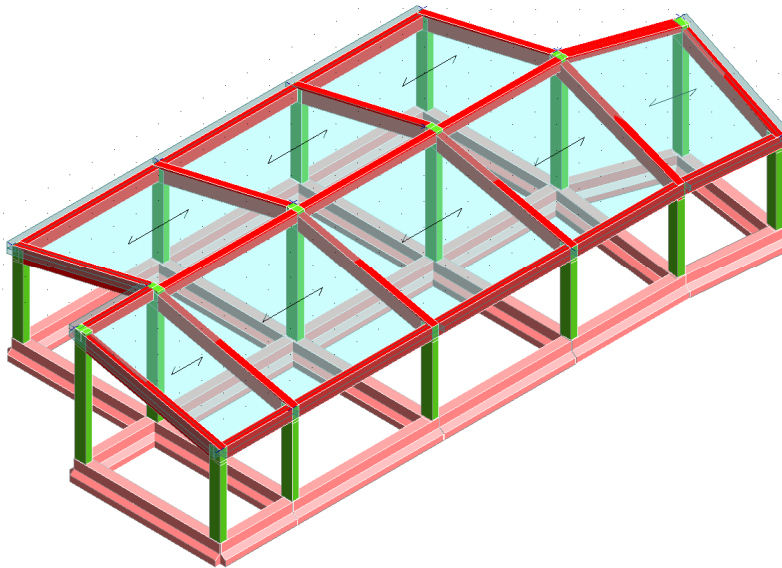


Fig. 5 – Push Over n° 1

Push-Over Nro: 1

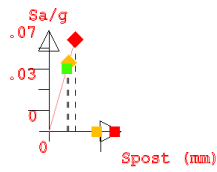
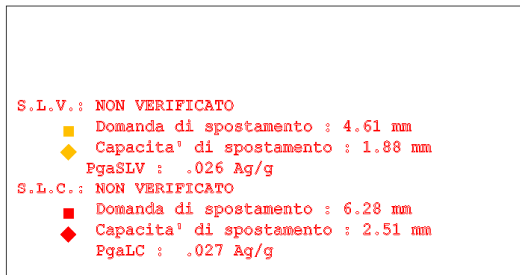


Fig. 6 – Push Over n° 2

Push-Over Nro: 2

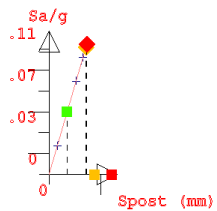
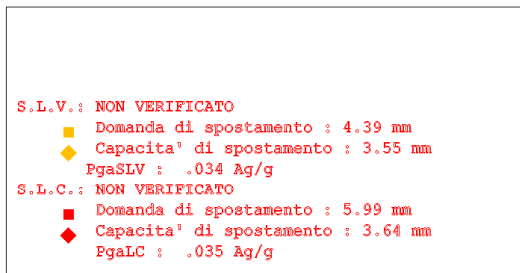


Fig. 7 – Push Over n° 3

Push-Over Nro: 3

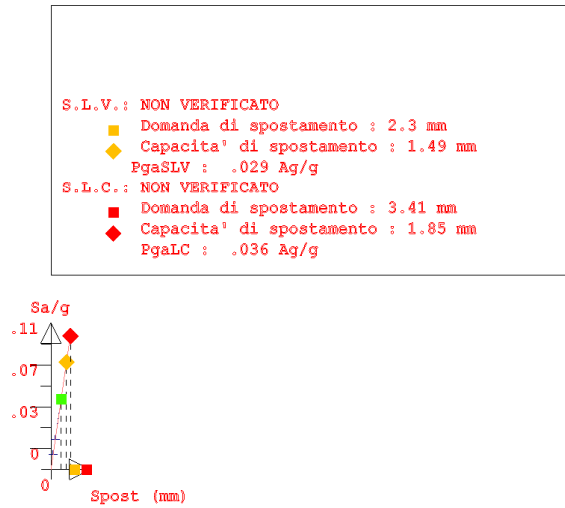


Fig. 8 – Push Over n° 4

Push-Over Nro: 4

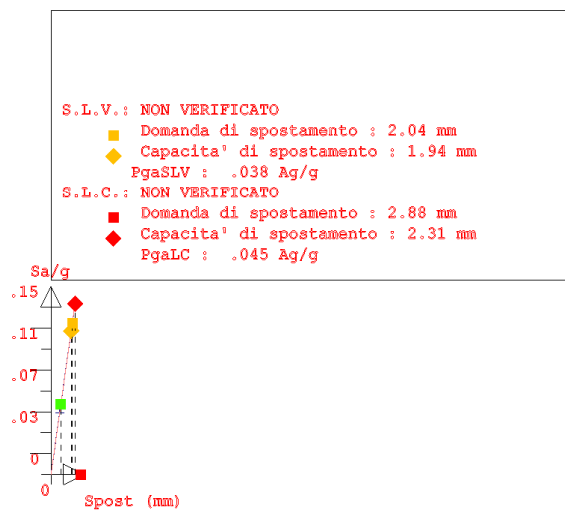


Fig. 9 – Push Over n° 5

Push-Over Nro: 5

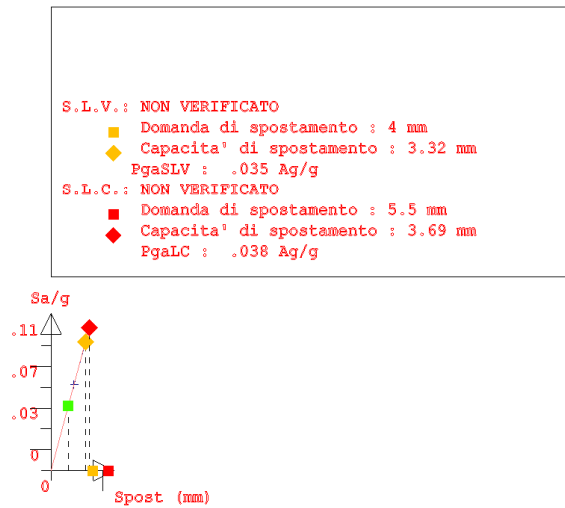


Fig. 10 – Push Over n° 6

Push-Over Nro: 6

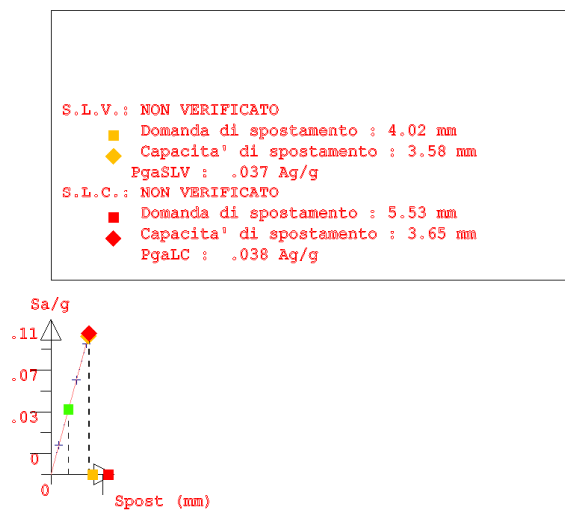


Fig. 11 – Push Over n° 7

Push-Over Nro: 7

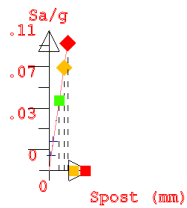
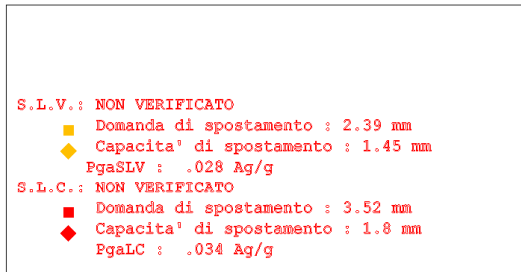


Fig. 12 – Push Over n° 8

Push-Over Nro: 8

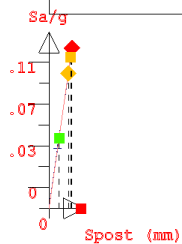
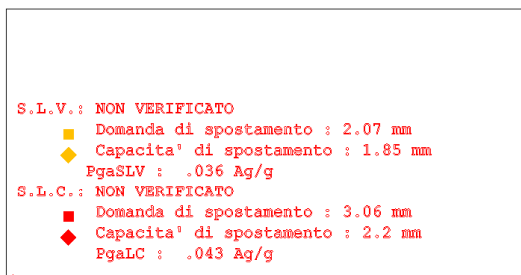


Fig. 13 – Push Over n° 9

Push-Over Nro: 9

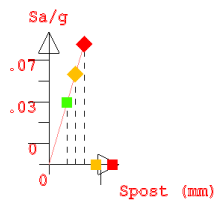
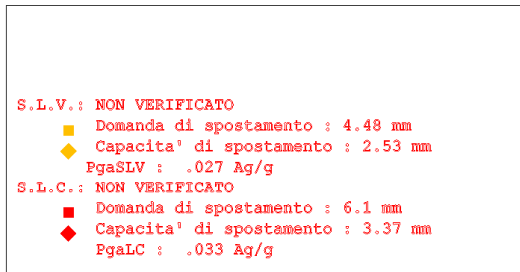


Fig. 14 – Push Over n° 10

Push-Over Nro: 10

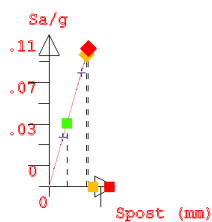
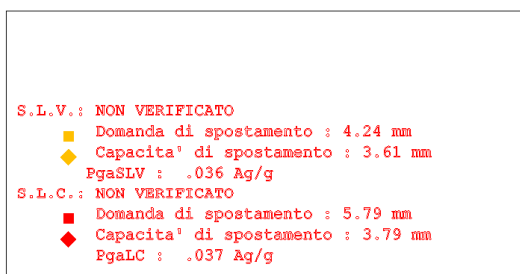


Fig. 15 – Push Over n° 11

Push-Over Nro: 11

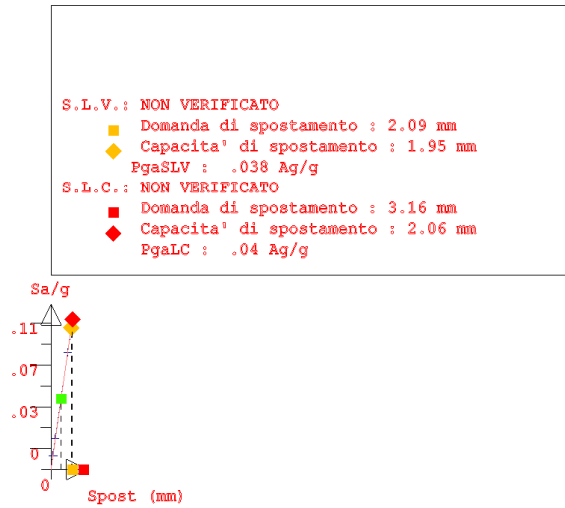


Fig. 16 – Push Over n° 12

Push-Over Nro: 12

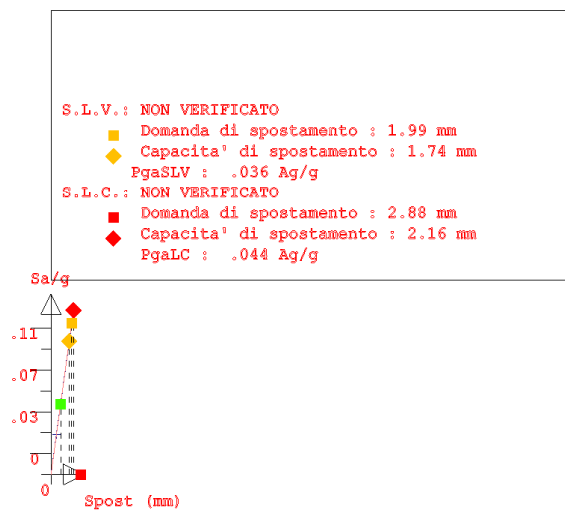


Fig. 17 – Push Over n° 13

Push-Over Nro: 13

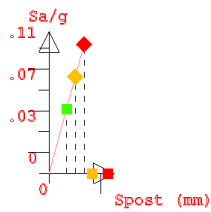
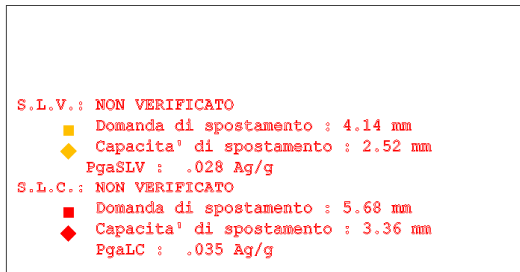


Fig. 18 – Push Over n° 14

Push-Over Nro: 14

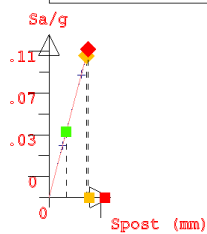
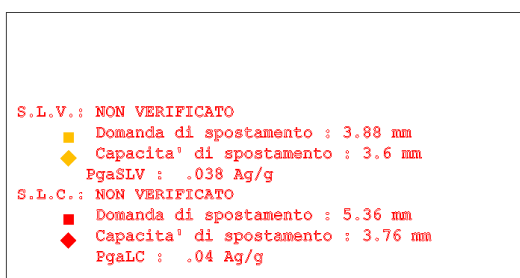


Fig. 19 – Push Over n° 15

Push-Over Nro: 15

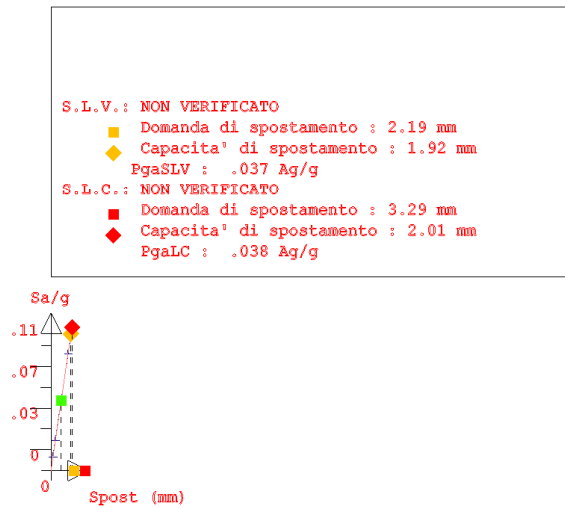


Fig. 20 – Push Over n° 16

Push-Over Nro: 16

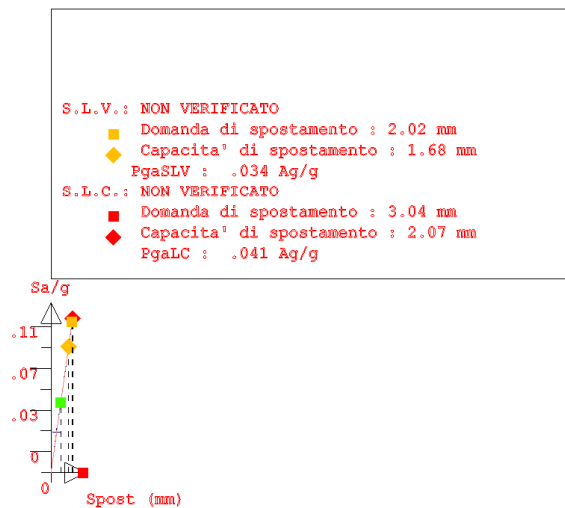


Fig. 21 – Push Over n°17

Push-Over Nro: 17

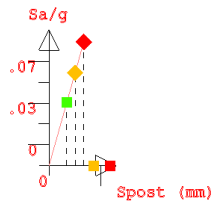
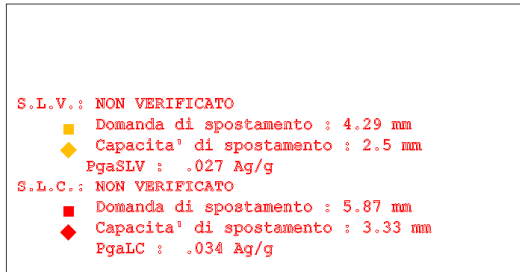


Fig. 22 – Push Over n°18

Push-Over Nro: 18

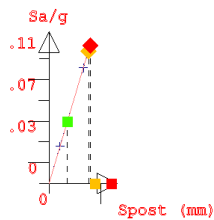
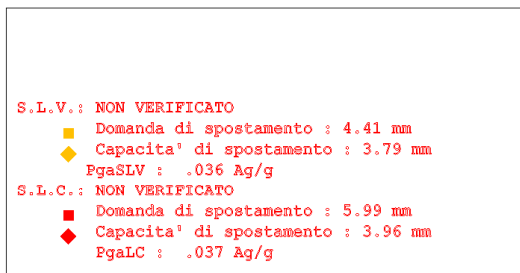


Fig. 23 – Push Over n°19

Push-Over Nro: 19

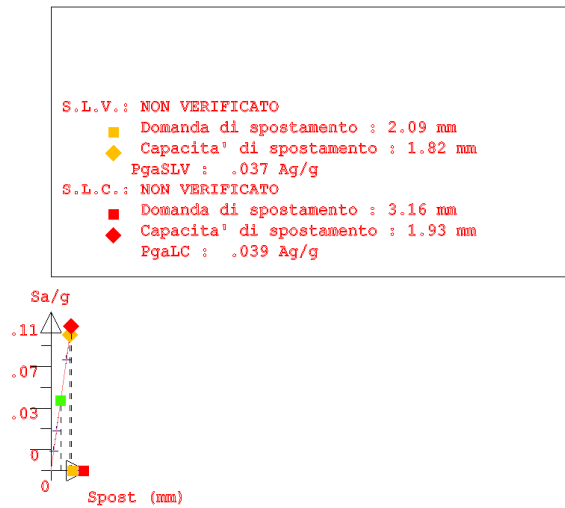


Fig. 24 – Push Over n°20

Push-Over Nro: 20

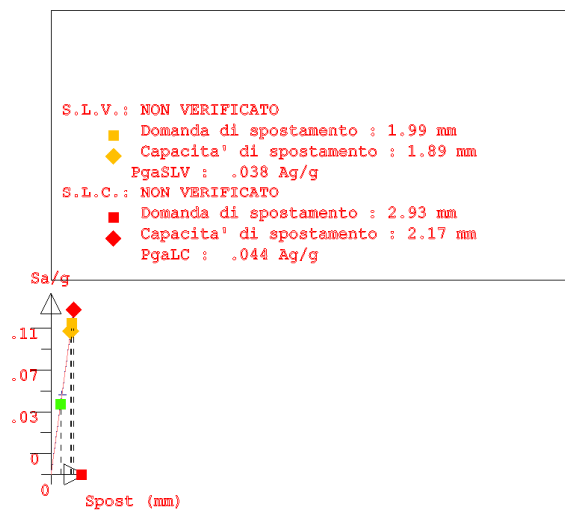


Fig. 25 – Push Over n°21

Push-Over Nro: 21

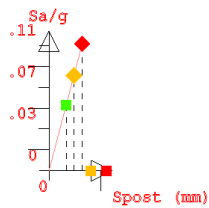
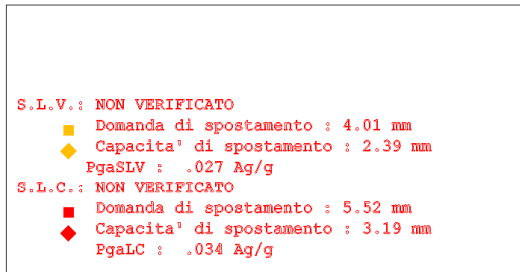


Fig. 26 – Push Over n°22

Push-Over Nro: 22

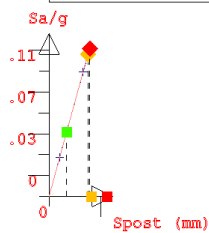
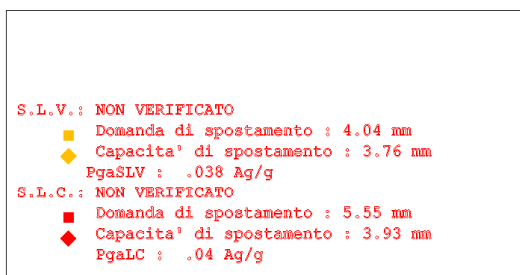


Fig. 27 – Push Over n°23

Push-Over Nro: 23

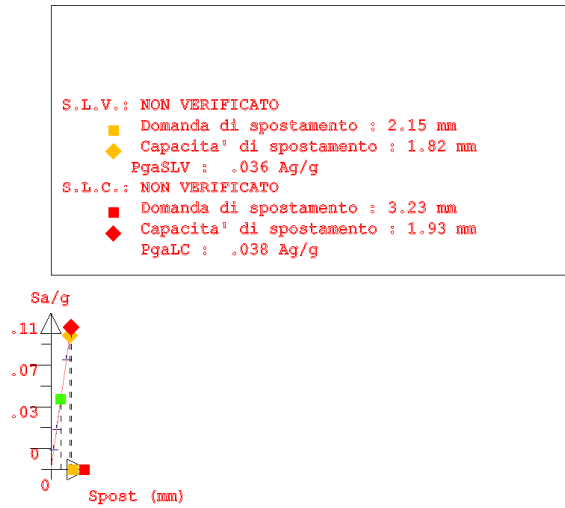


Fig. 28 – Push Over n°24

Push-Over Nro: 24

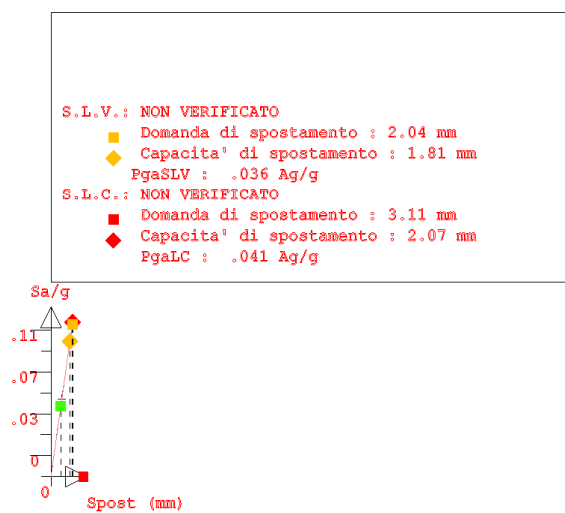


Fig. 29 – Push Over n°25

Push-Over Nro: 25

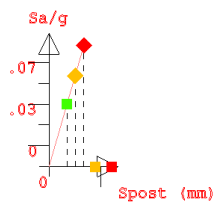
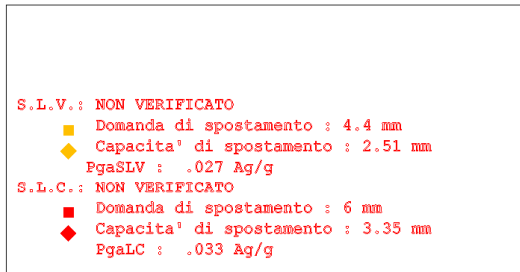


Fig. 30 – Push Over n°26

Push-Over Nro: 26

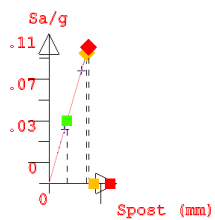
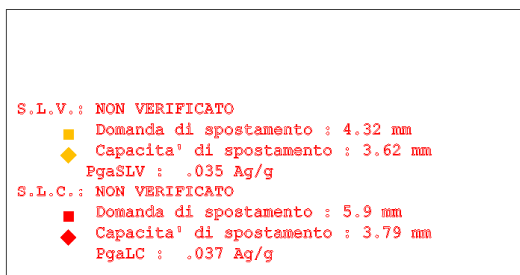


Fig. 31 – Push Over n°27

Push-Over Nro: 27

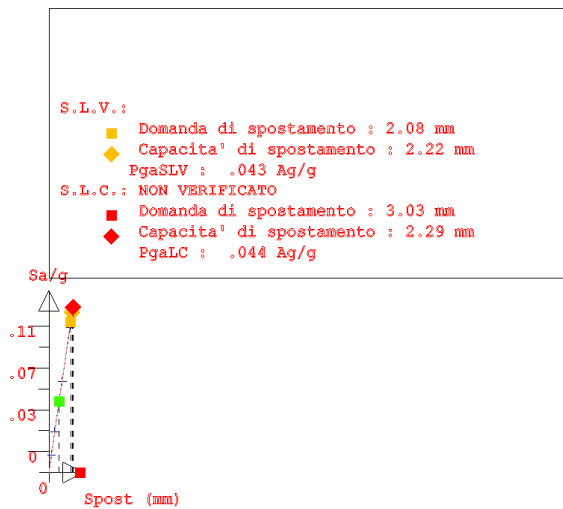


Fig. 32 – Push Over n°28

Push-Over Nro: 28

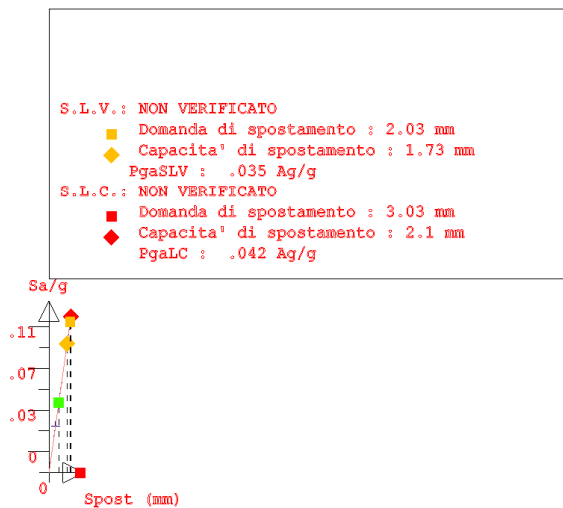


Fig. 33 – Push Over n°29

Push-Over Nro: 29

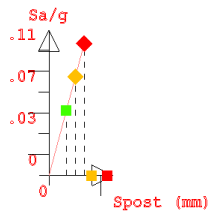


Fig. 34 – Push Over n°30

Push-Over Nro: 30

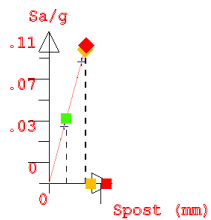
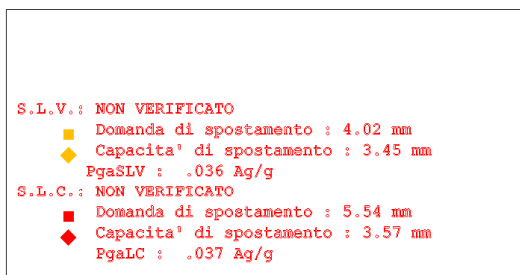


Fig. 35 – Push Over n°31

Push-Over Nro: 31

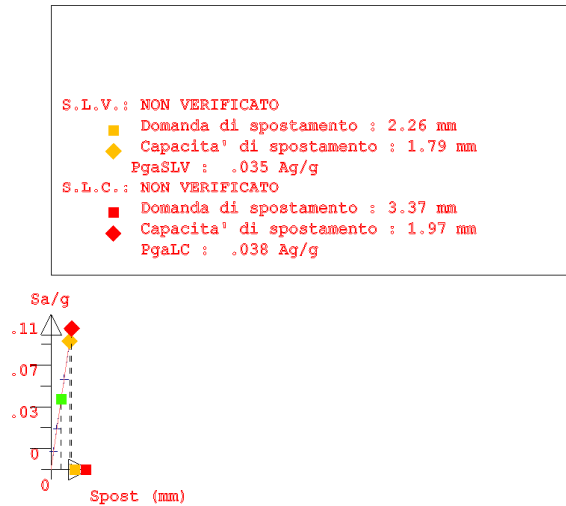


Fig. 36 – Push Over n°32

Push-Over Nro: 32

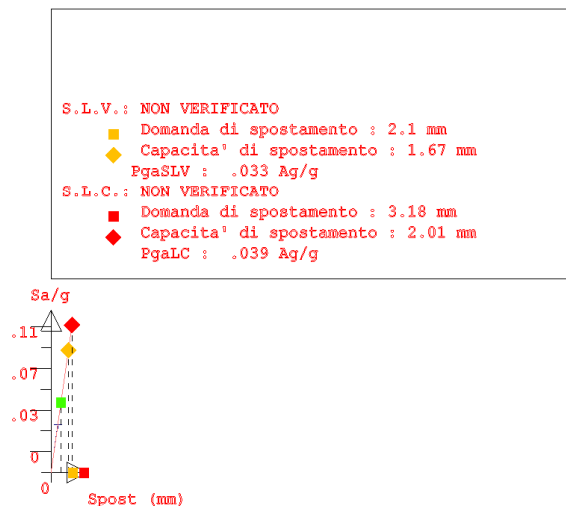


Fig. 37 – Curve di capacità - stato Attuale

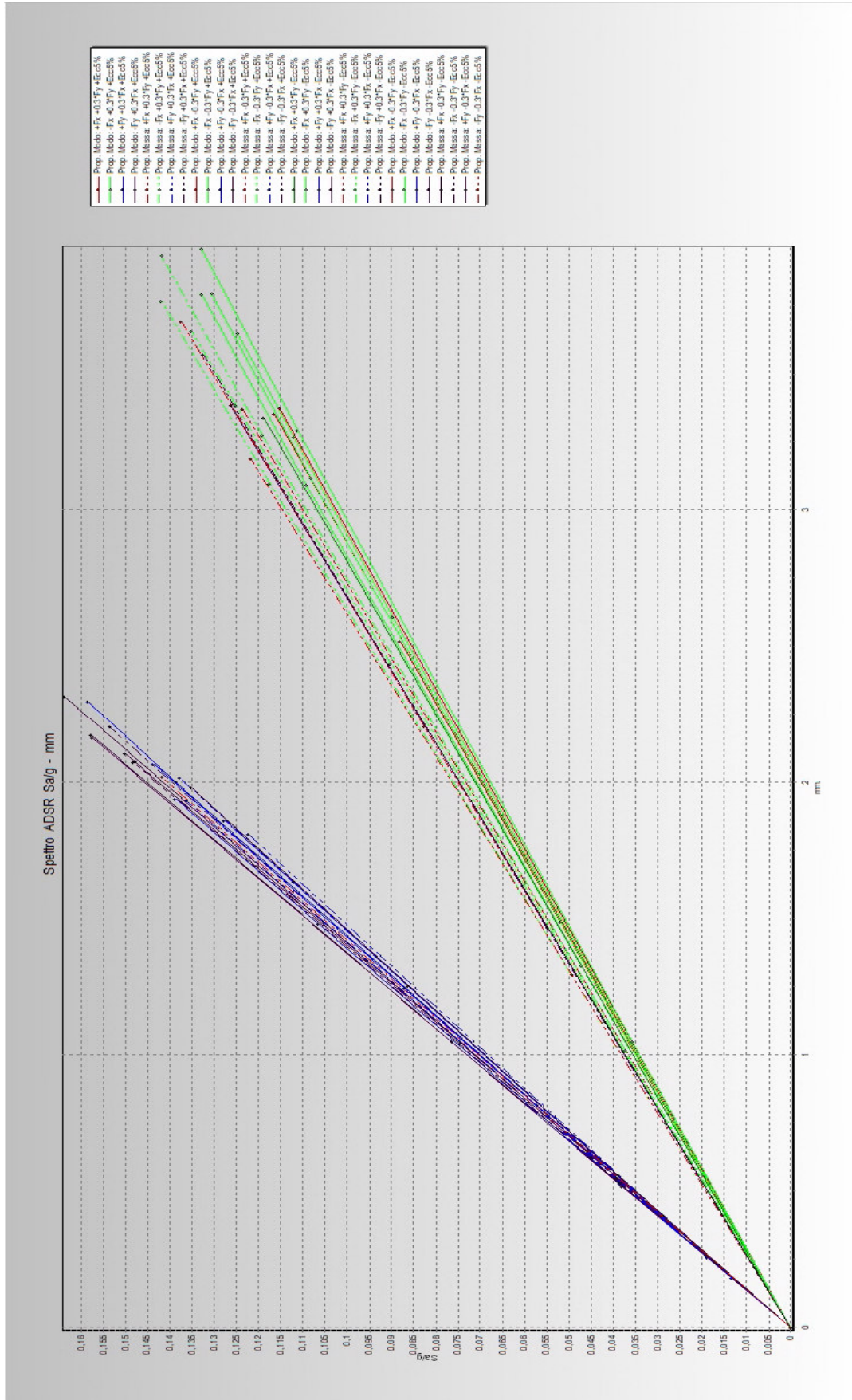


Fig. 38 – Modi collasso push 1

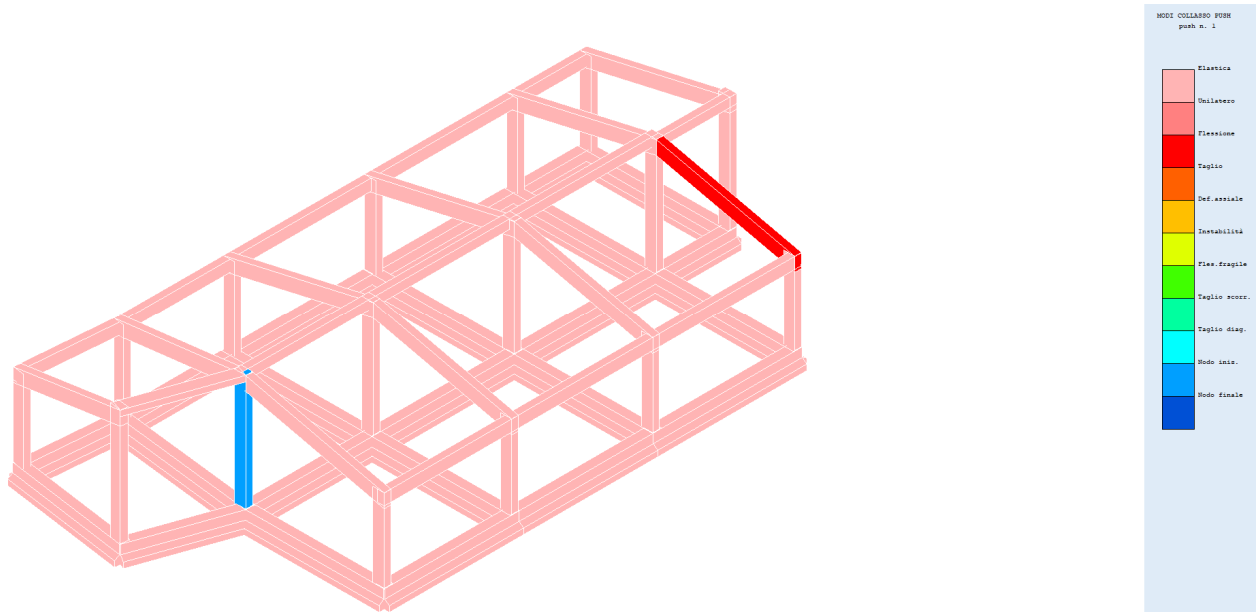


Fig. 39 – Modi collasso push 2

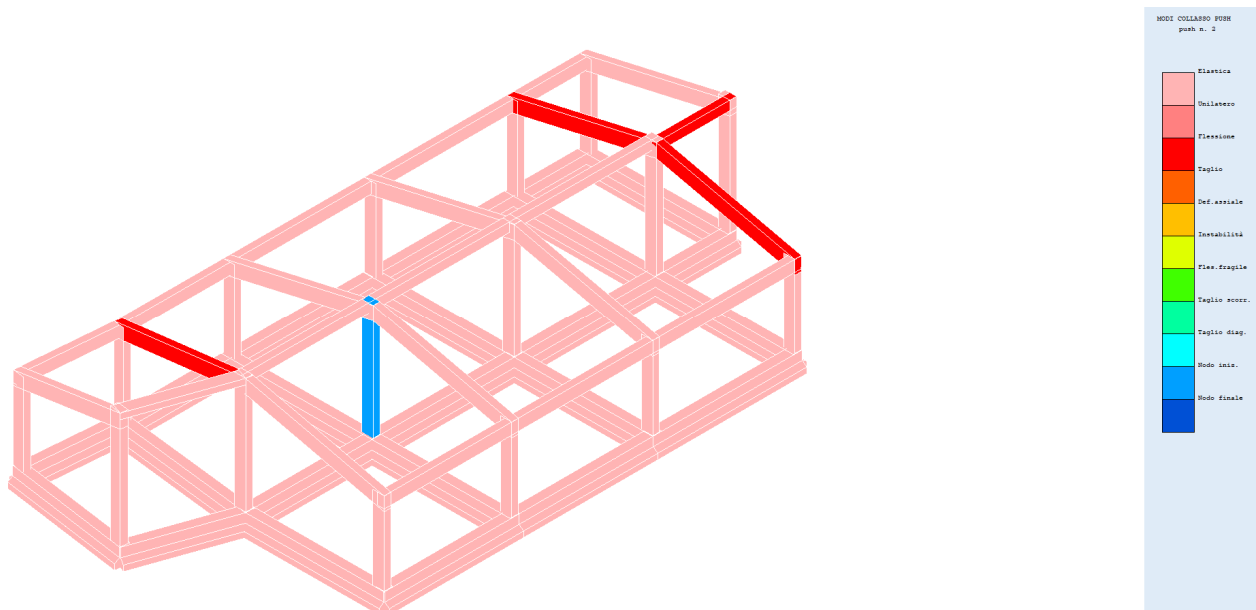


Fig. 40 – Modi collasso push 3

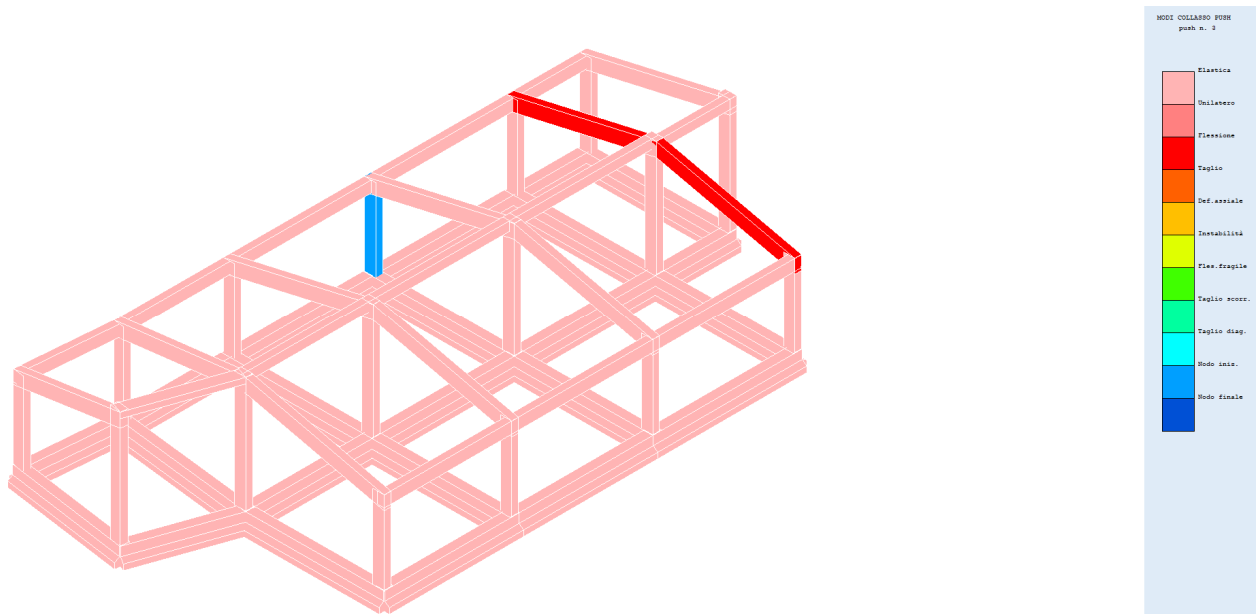


Fig. 41 – Modi collasso push 4

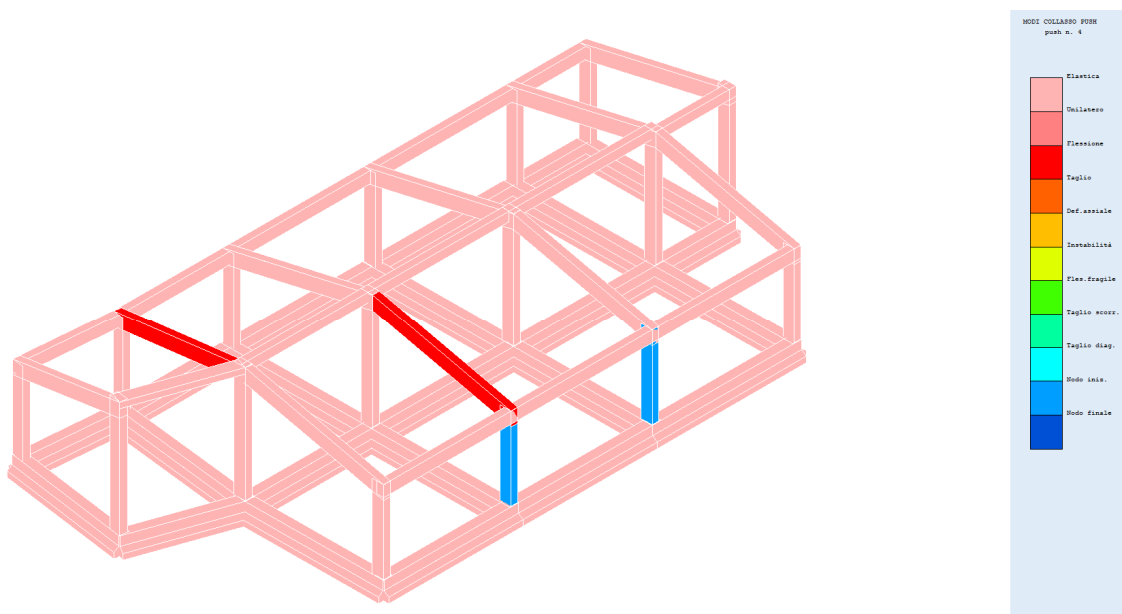


Fig. 42 – Modi collasso push 5

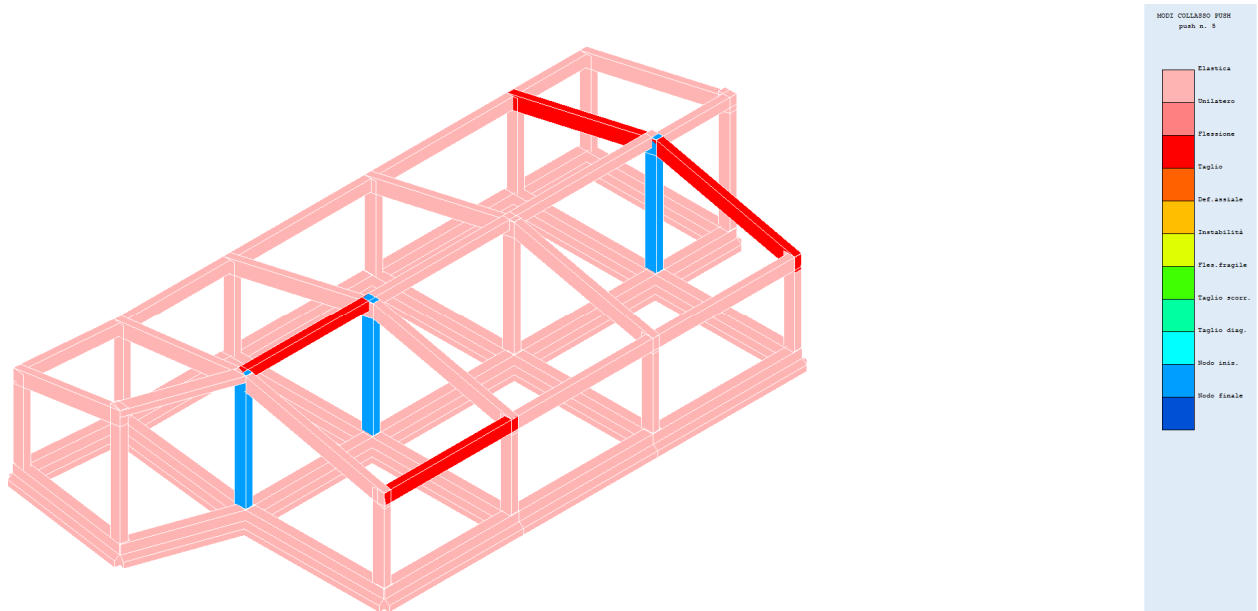


Fig. 43 – Modi collasso push 6

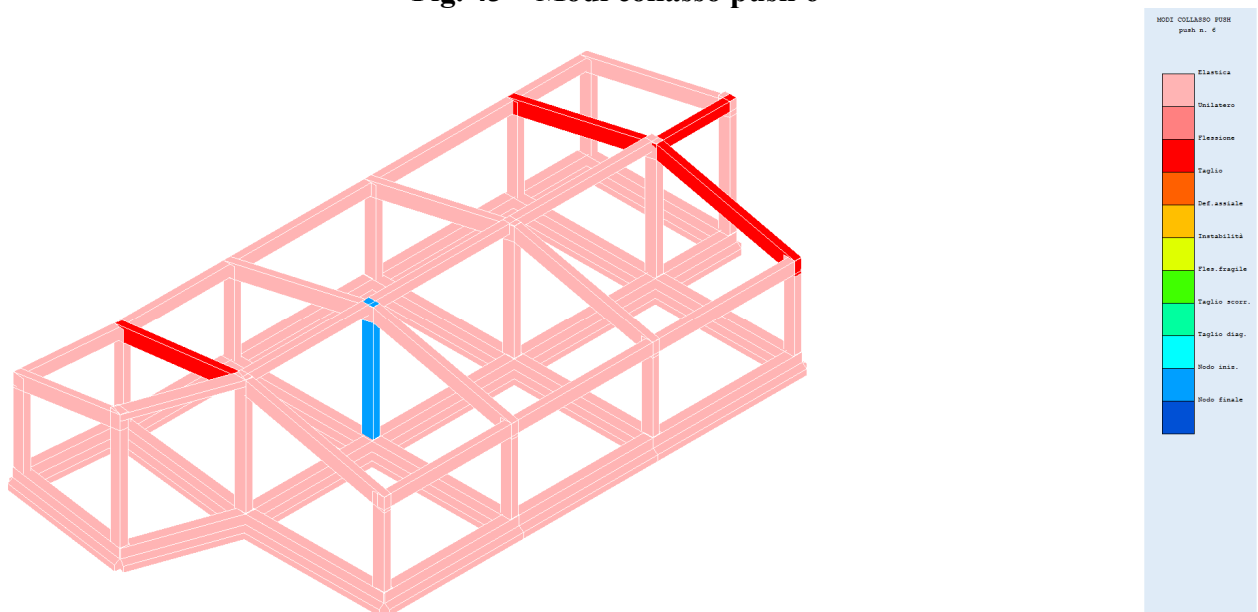


Fig. 44 – Modi collasso push 7

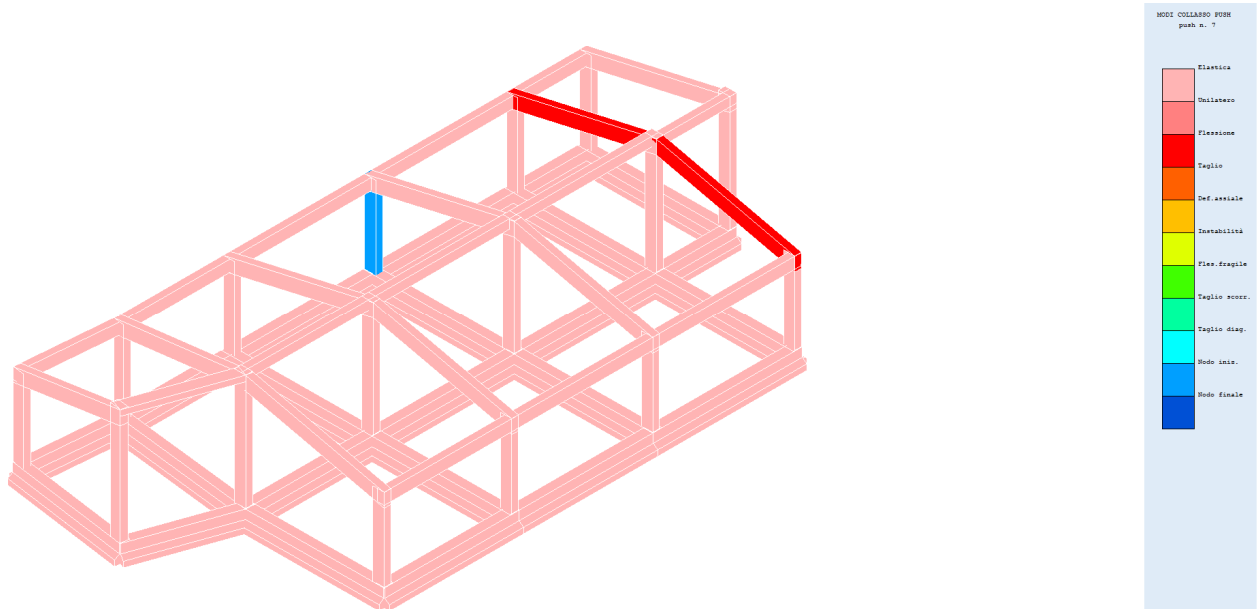


Fig. 45 – Modi collasso push 8

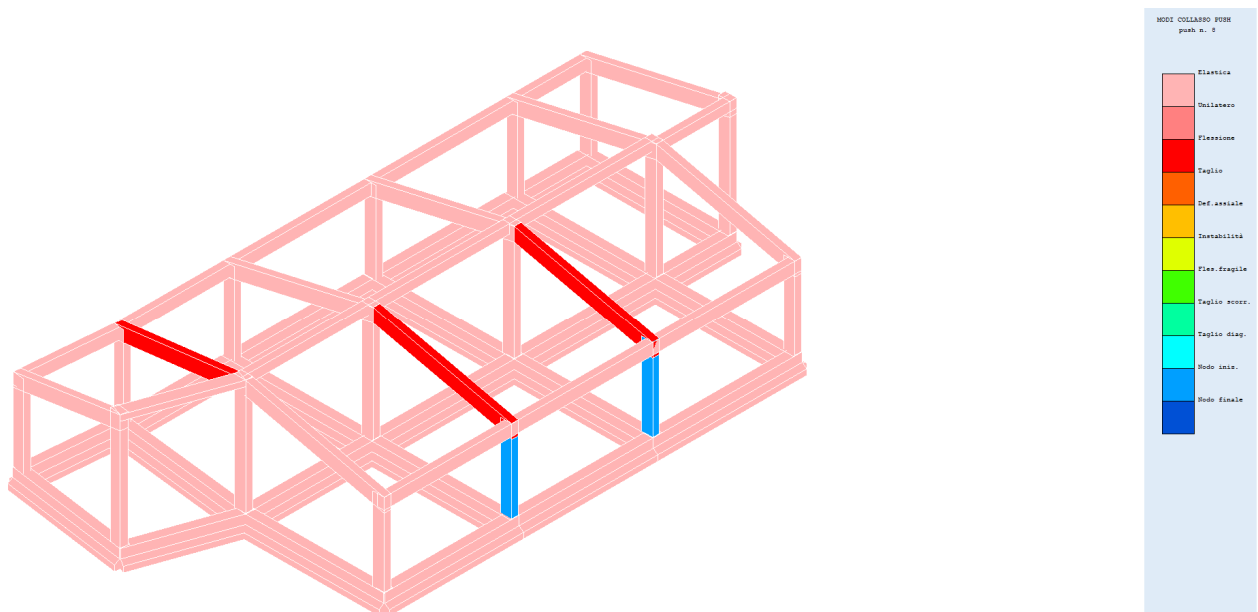


Fig. 46 – Modi collasso push 9

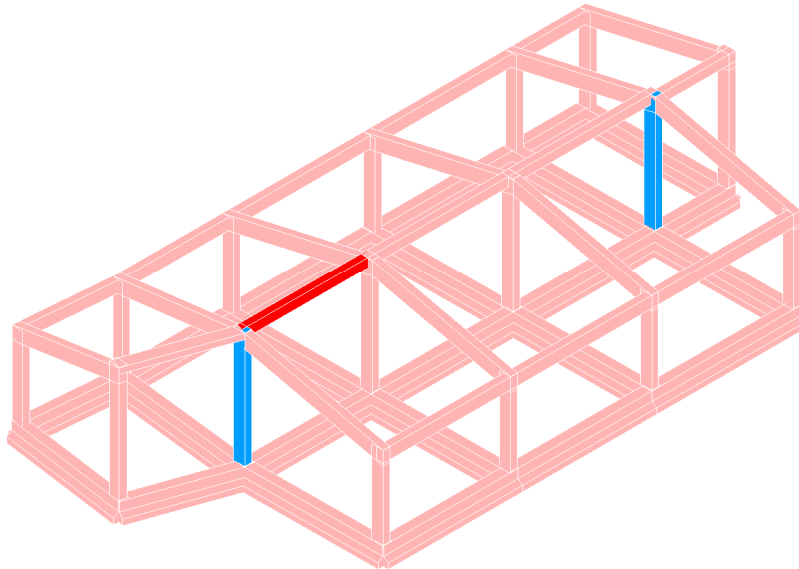


Fig. 47 – Modi collasso push 10

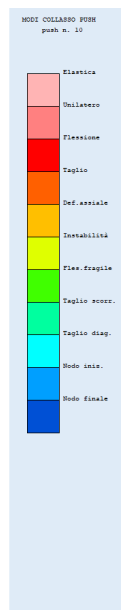
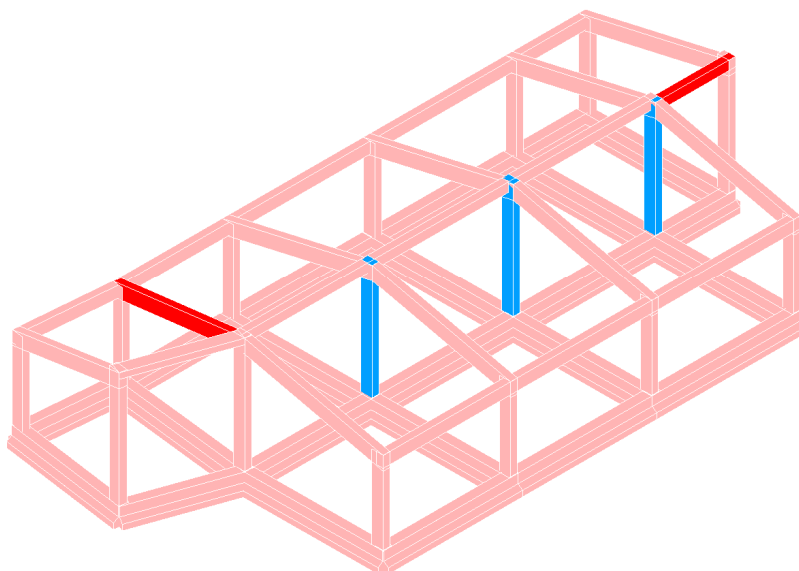


Fig. 48 – Modi collasso push 11

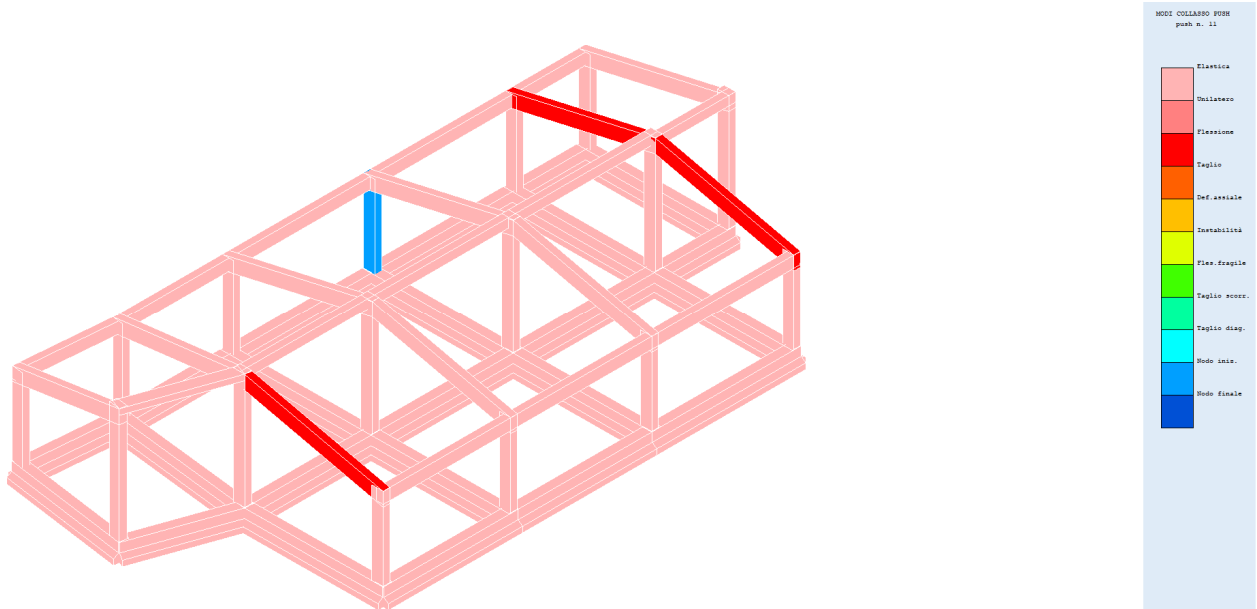


Fig. 49 – Modi collasso push 12

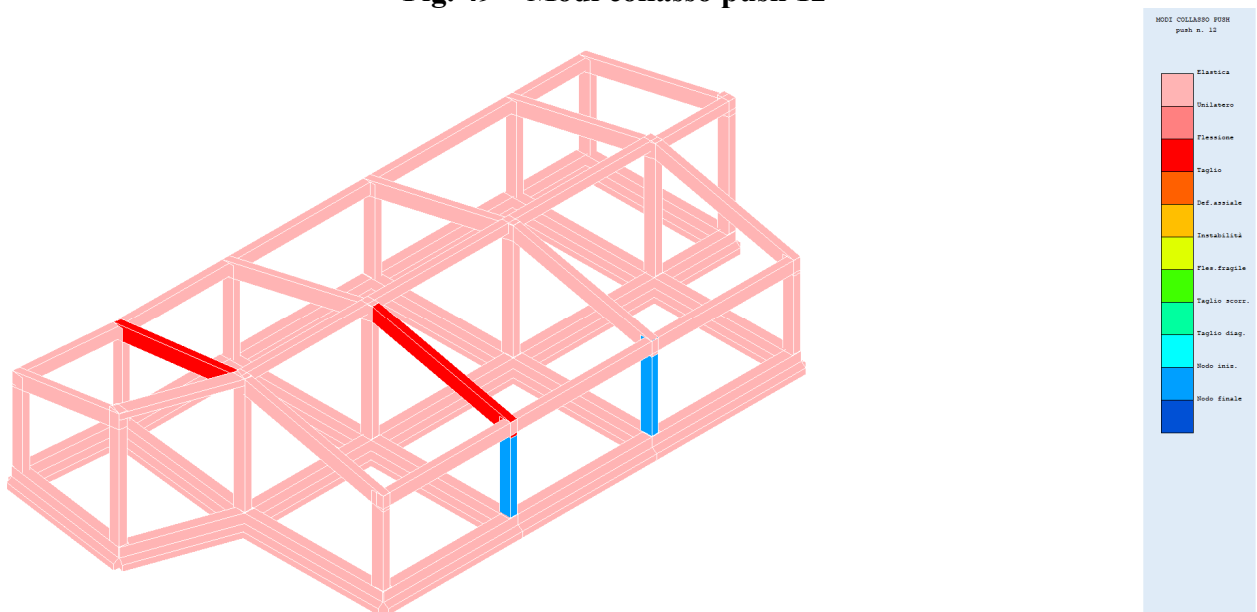


Fig. 50– Modi collasso push 13

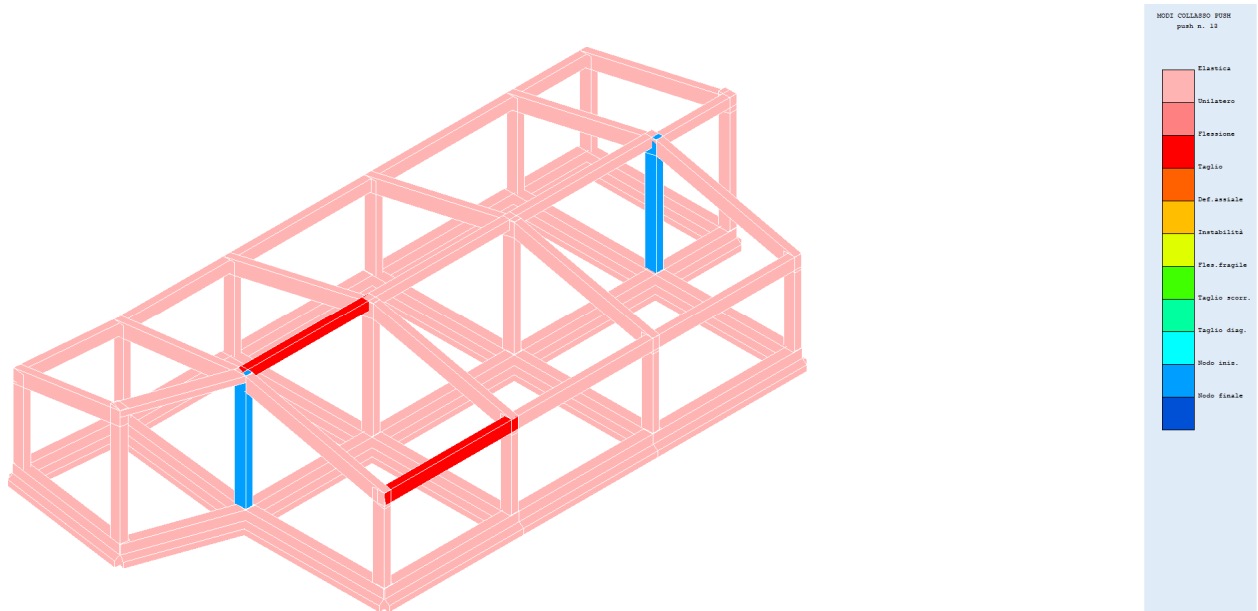


Fig. 51 – Modi collasso push 14

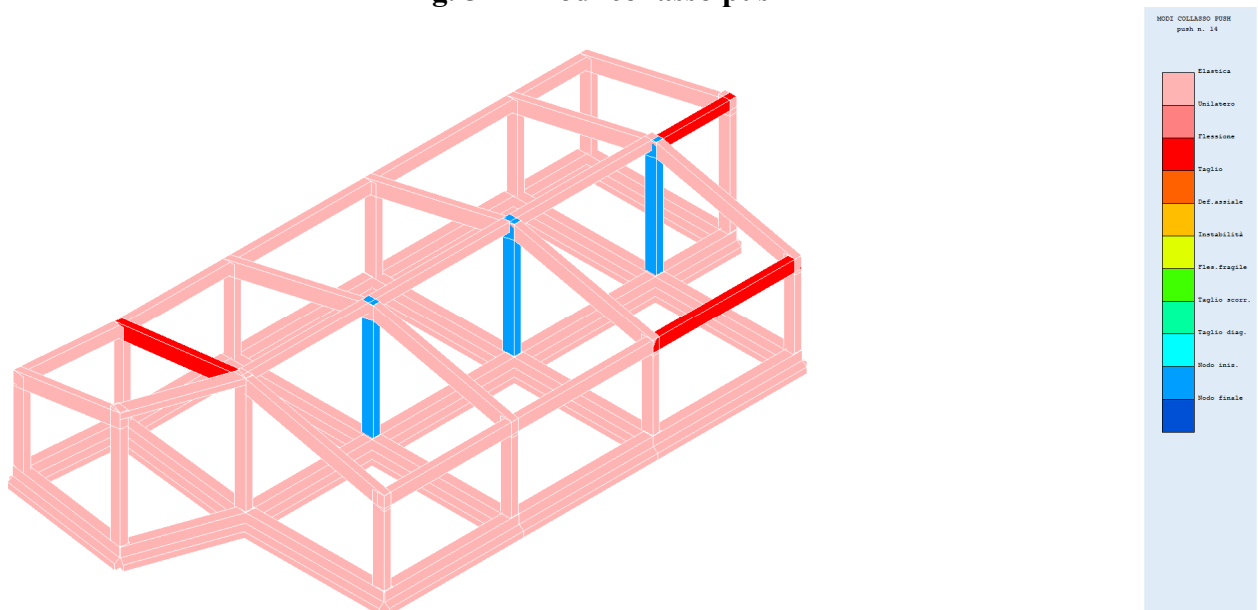


Fig. 52 – Modi collasso push 15

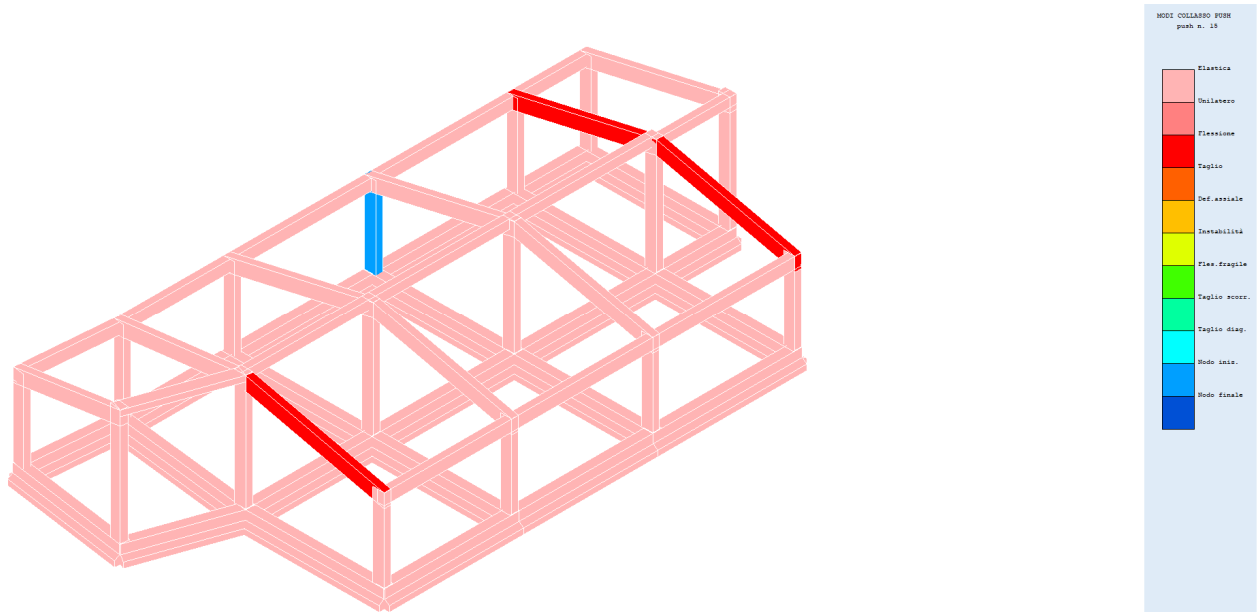


Fig. 53 – Modi collasso push 16

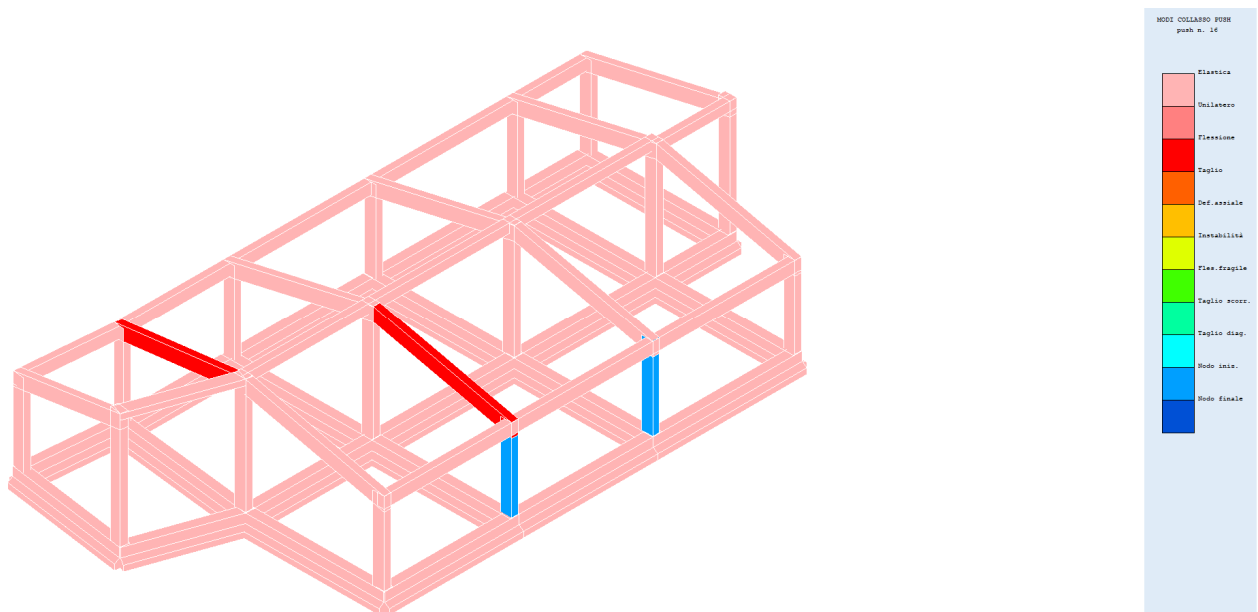


Fig. 54 – Area ferri (cmq)

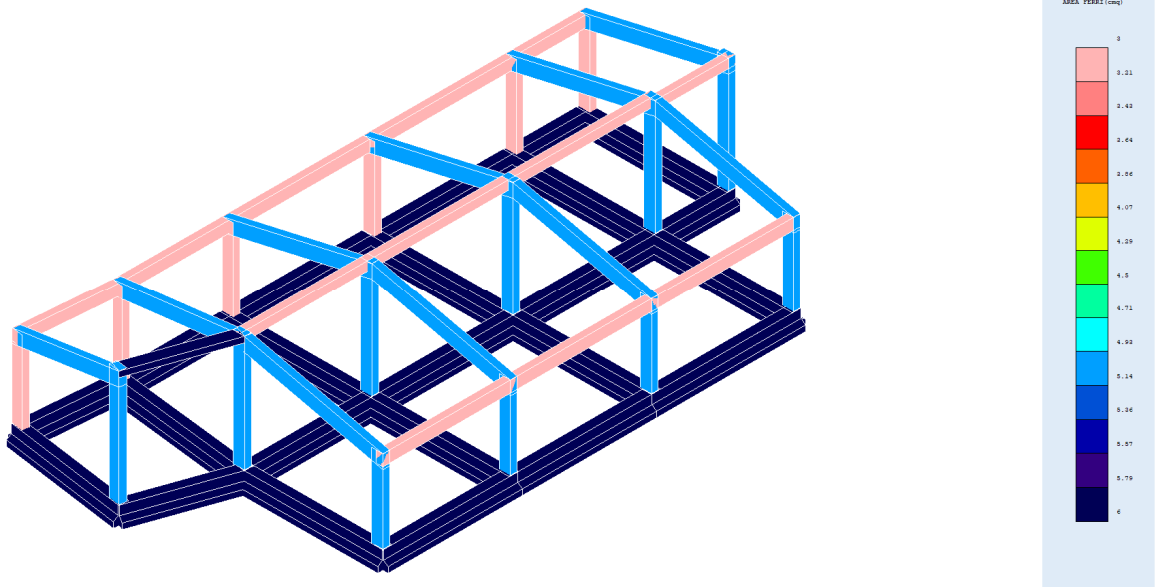


Fig. 55 – Densità ferri

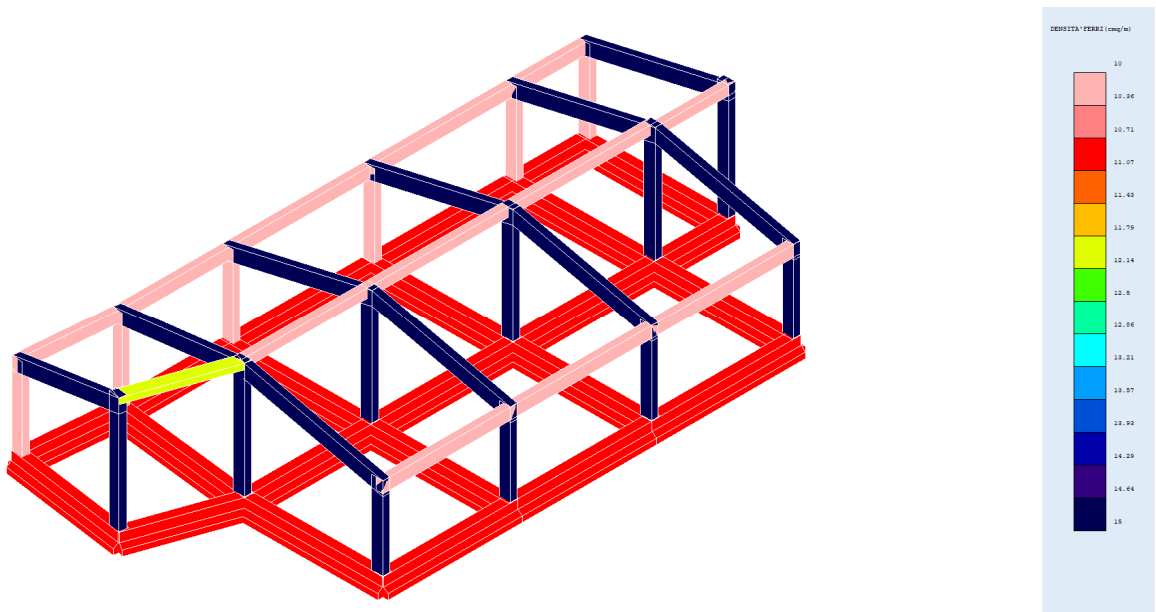


Fig. 56 – Passo staffe min (cm)

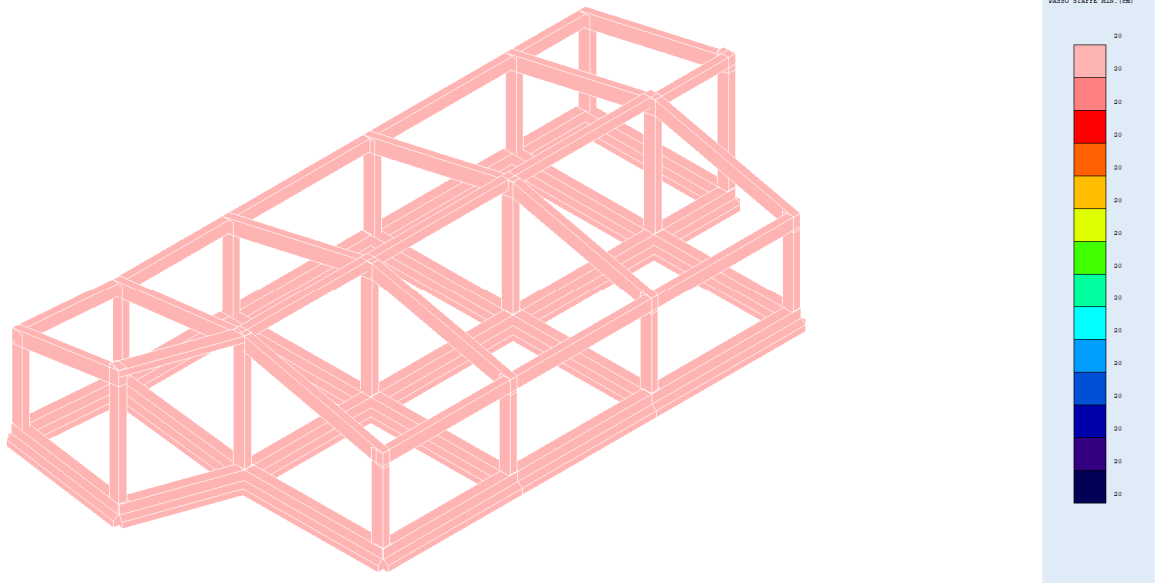


Fig. 57 – Pressione terreno

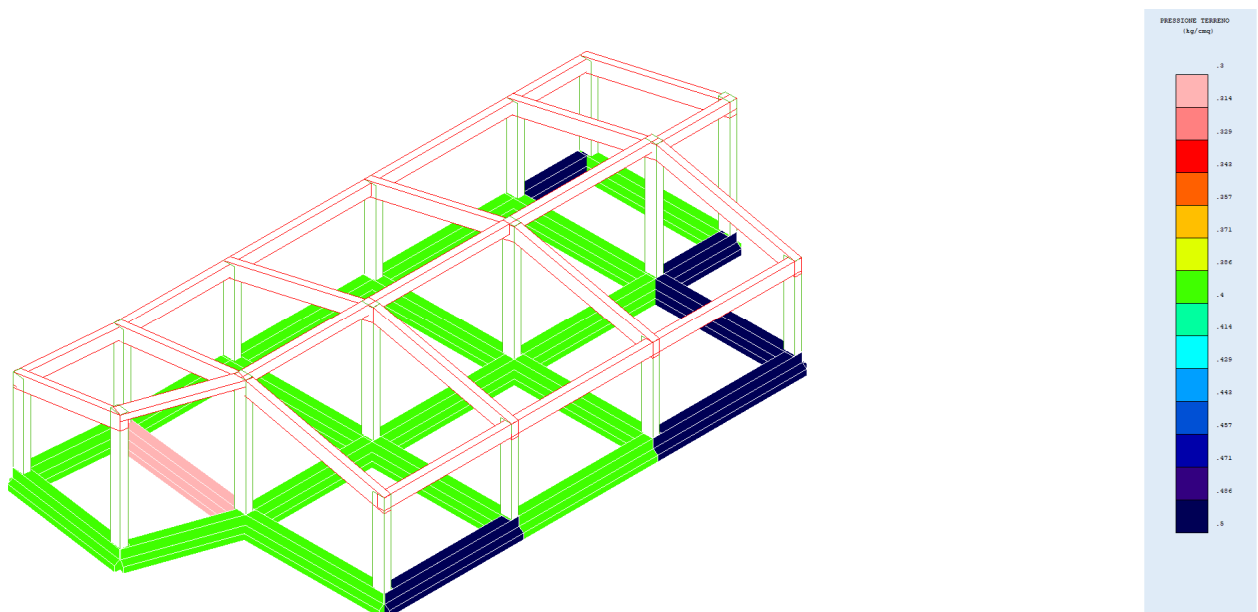


Fig. 58 –Momento involuppo

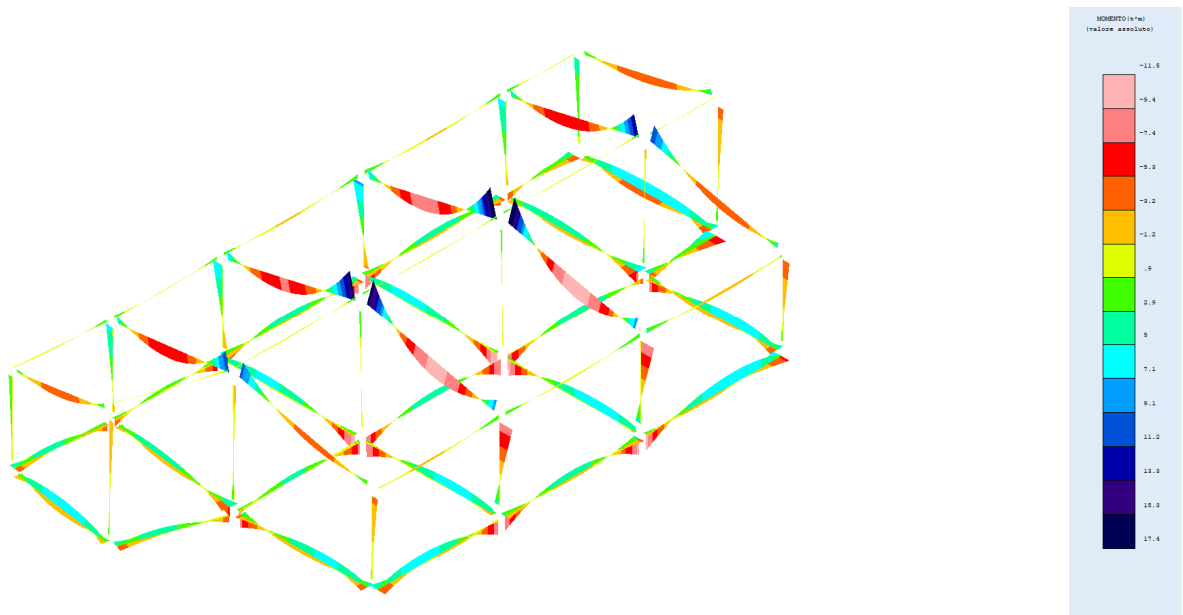


Fig. 59 –Sforzo normale

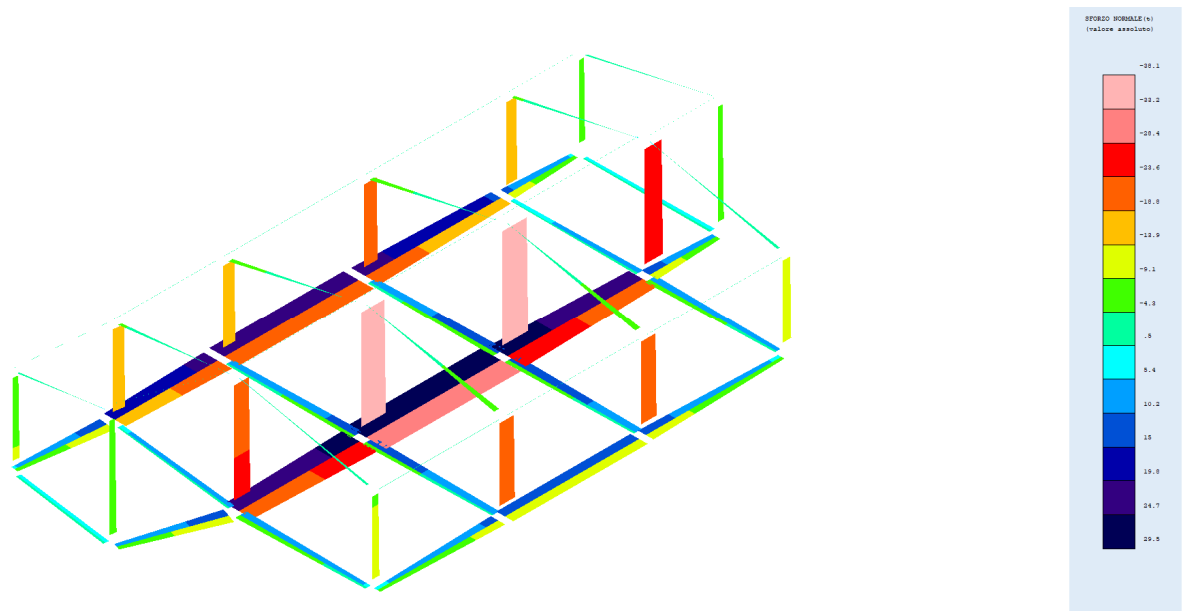


Fig. 60 – Taglio

