COMUNE DI SUBIACO

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PEC: areaamministrativa@pec.comunesubiaco.com

Città Metropolitana di Roma Capitale

PROGETTAZIONE ESECUTIVA DEL CENTRO DI RACCOLTA -ISOLA ECOLOGICA

PROGETTO ESECUTIVO

ELABORATO:

22

FASCICOLO DELLE RELAZIONI
MURI CONTROTERRA

SCALA:

PROGETTISTA: Arch. Roberto Simonelli

IL RUP: Arch. Daniele Cardoli

Collaboratrice: Arch. Laura Rosella

DATA:

Novembre 2019

VISTI E ANNOTAZIONI:

Comune di Subiaco
Provincia di Città Metropolitana di Roma Capitale

FASCICOLO DELLE RELAZIONI

Configurazione Deformate

Principali Caratteristiche delle Sollecitazioni (Mf, V, N)

Schemi Strutturali posti alla base dei Calcoli

OGGETTO: Muri contro terra dell'isola Ecologica del Comune di Subiaco
...

COMMITTENTE: Comune di Subiaco

Subiaco, 20/10/2019

Il Progettista

_____
(Arch. Roberto Simonelli)

Il Direttore dei Lavori — Il Collaudatore

(Arch. Roberto Simonelli) — (Da Nominare)

Arch. Roberto Simonelli
Via Abruzzo 32 - Guidonia Montecelio
339-4638008 - arch.rsimonelli@gmail.com

...

Muro C.A. h=150 cm

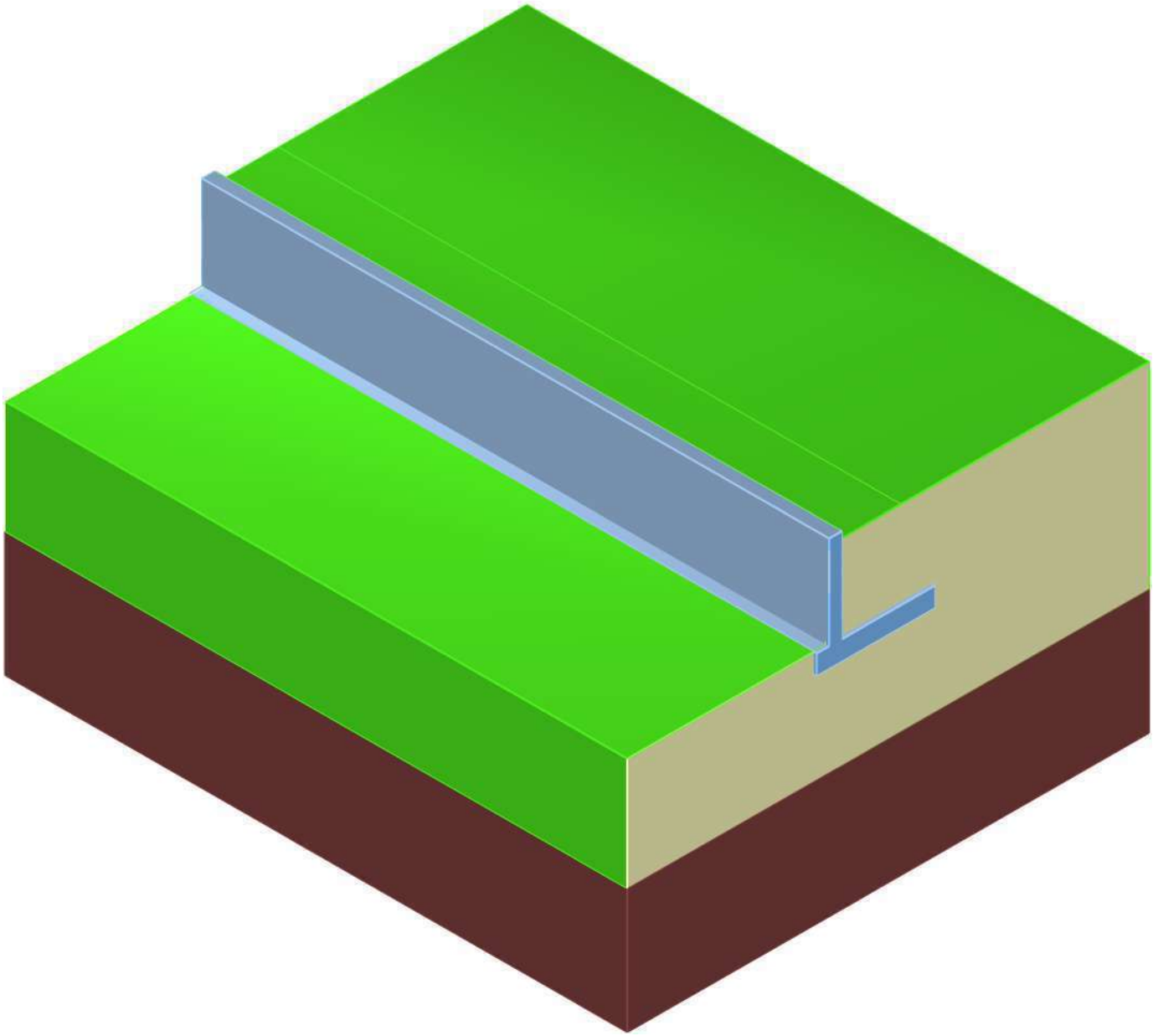
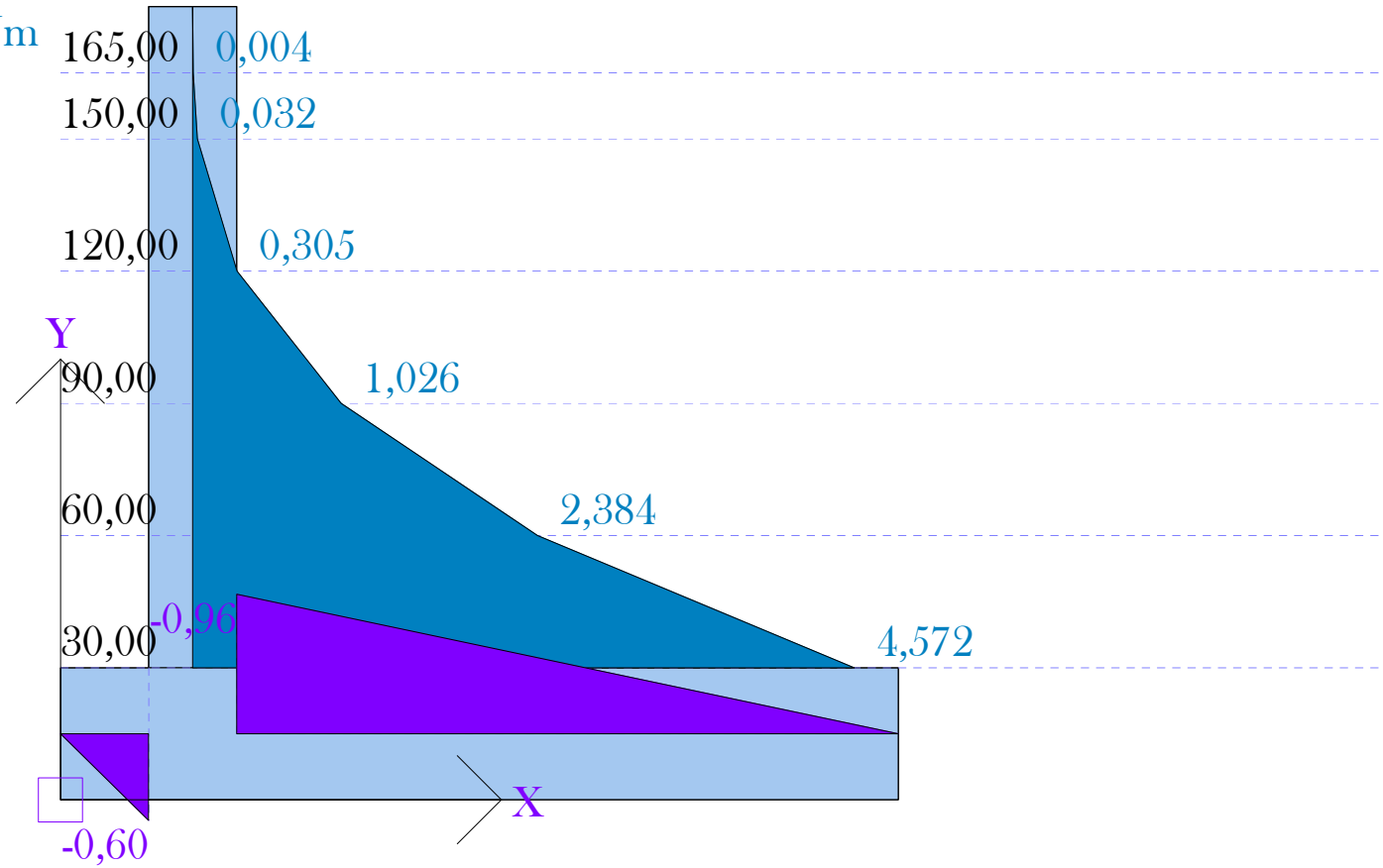
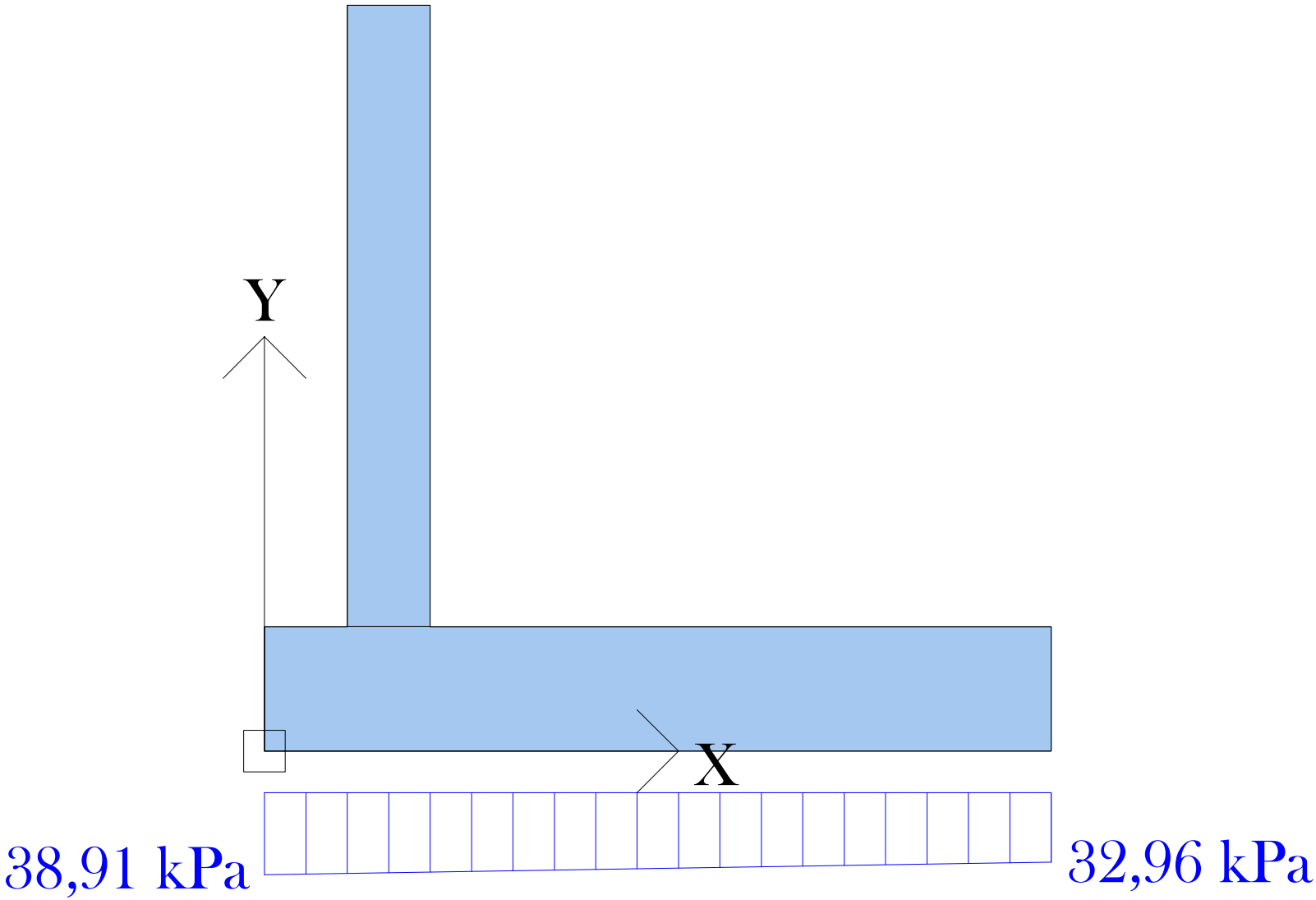


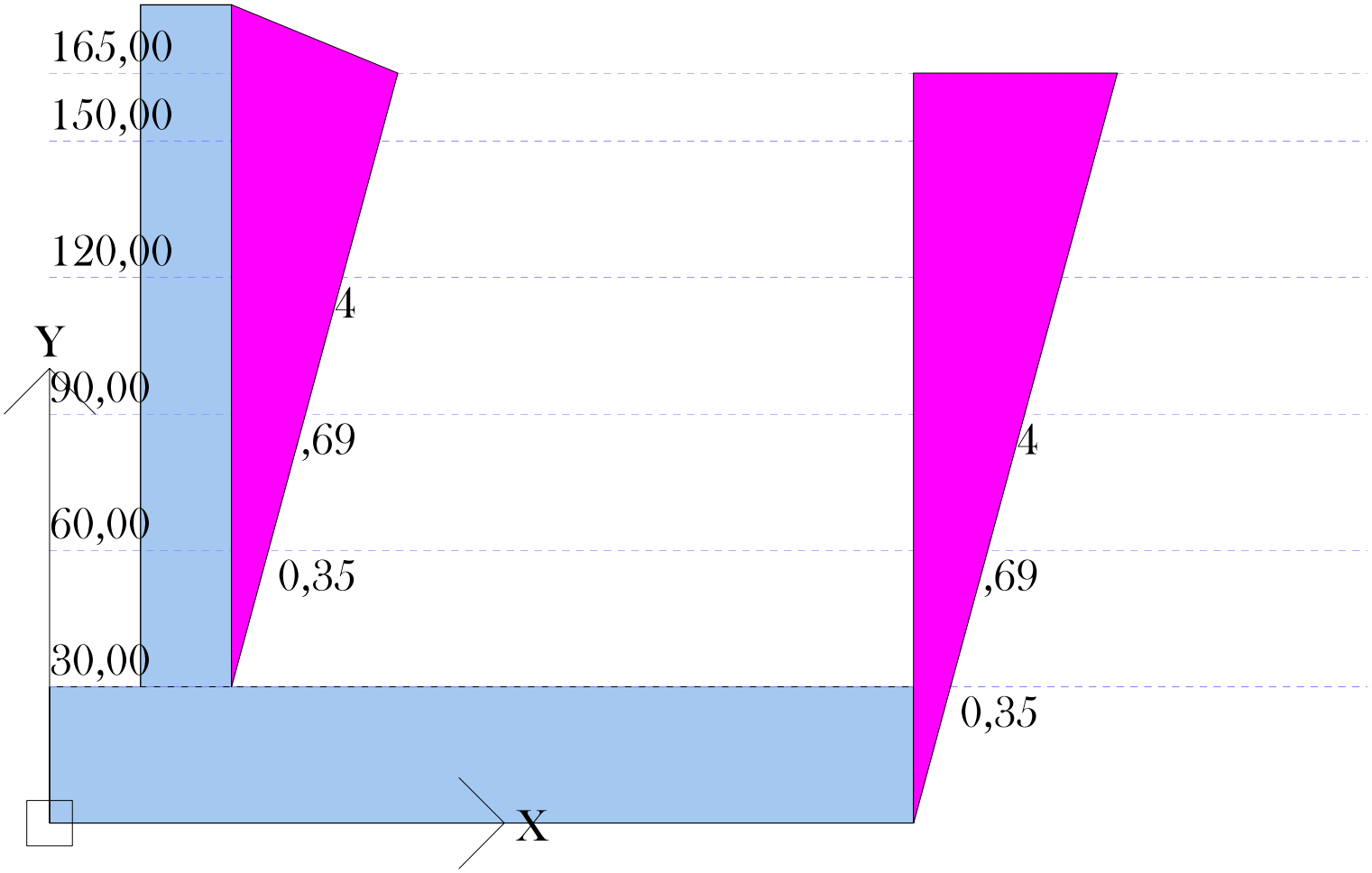
DIAGRAMMA MOMENTI kNm



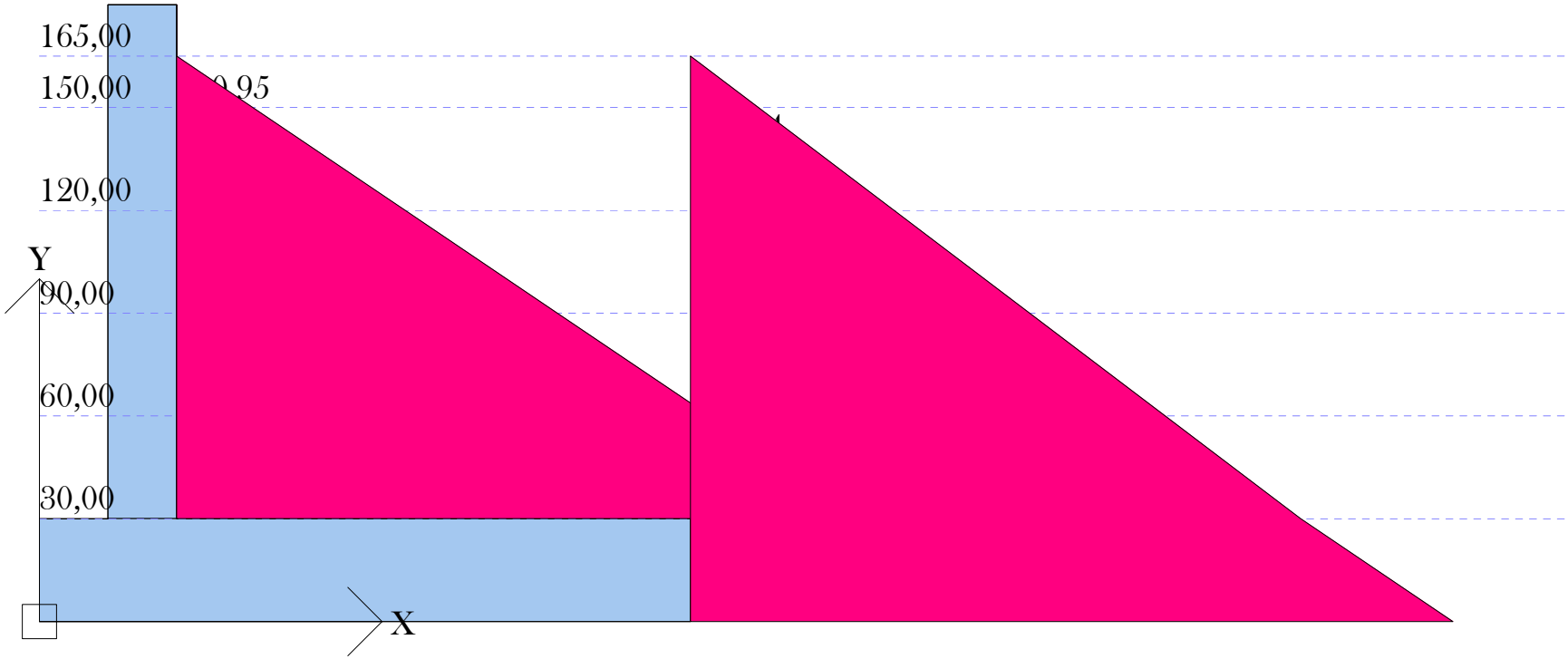
PRESSIONI IN FONDAZIONE

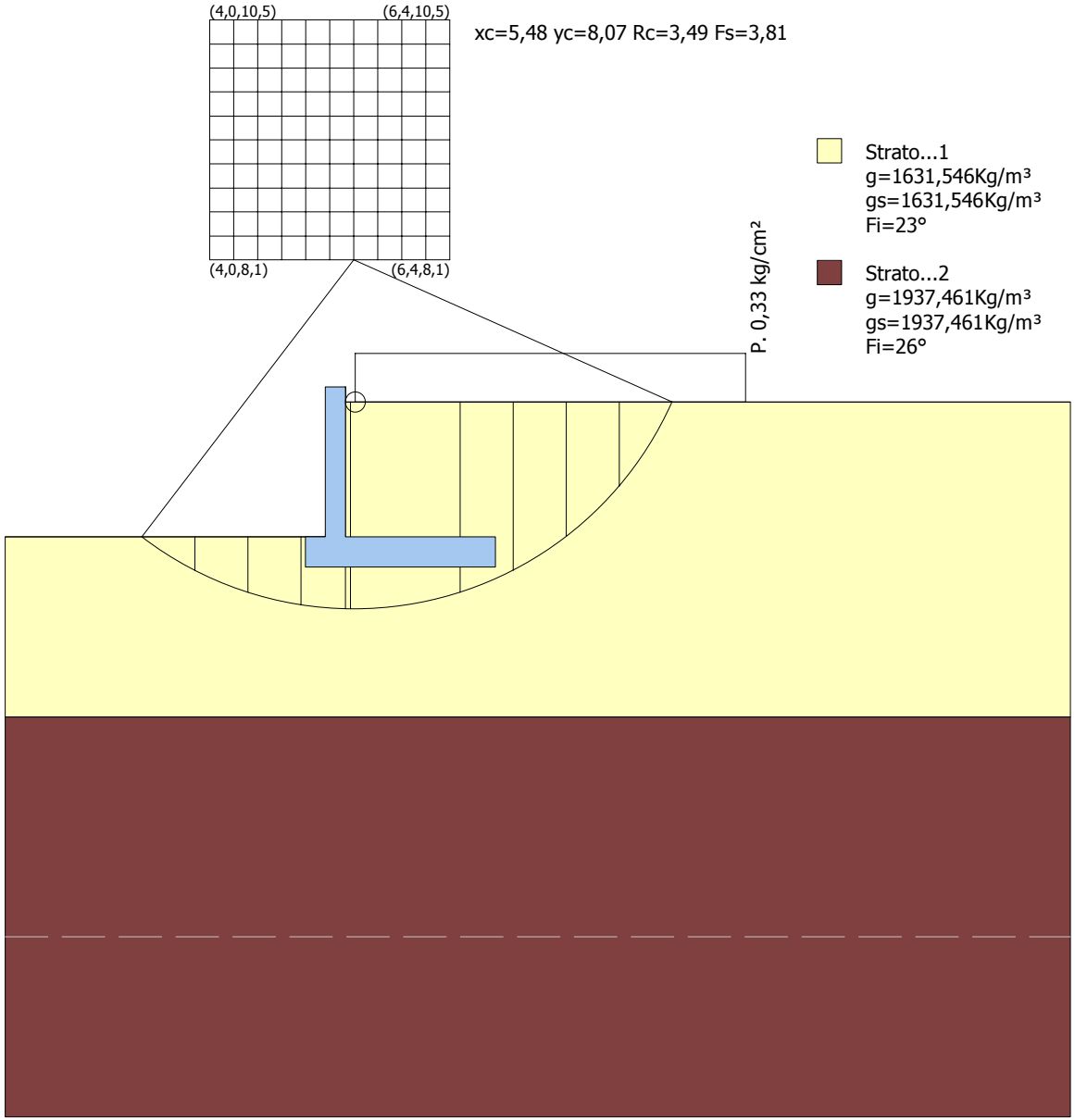


* Pressioni dinamiche kPa



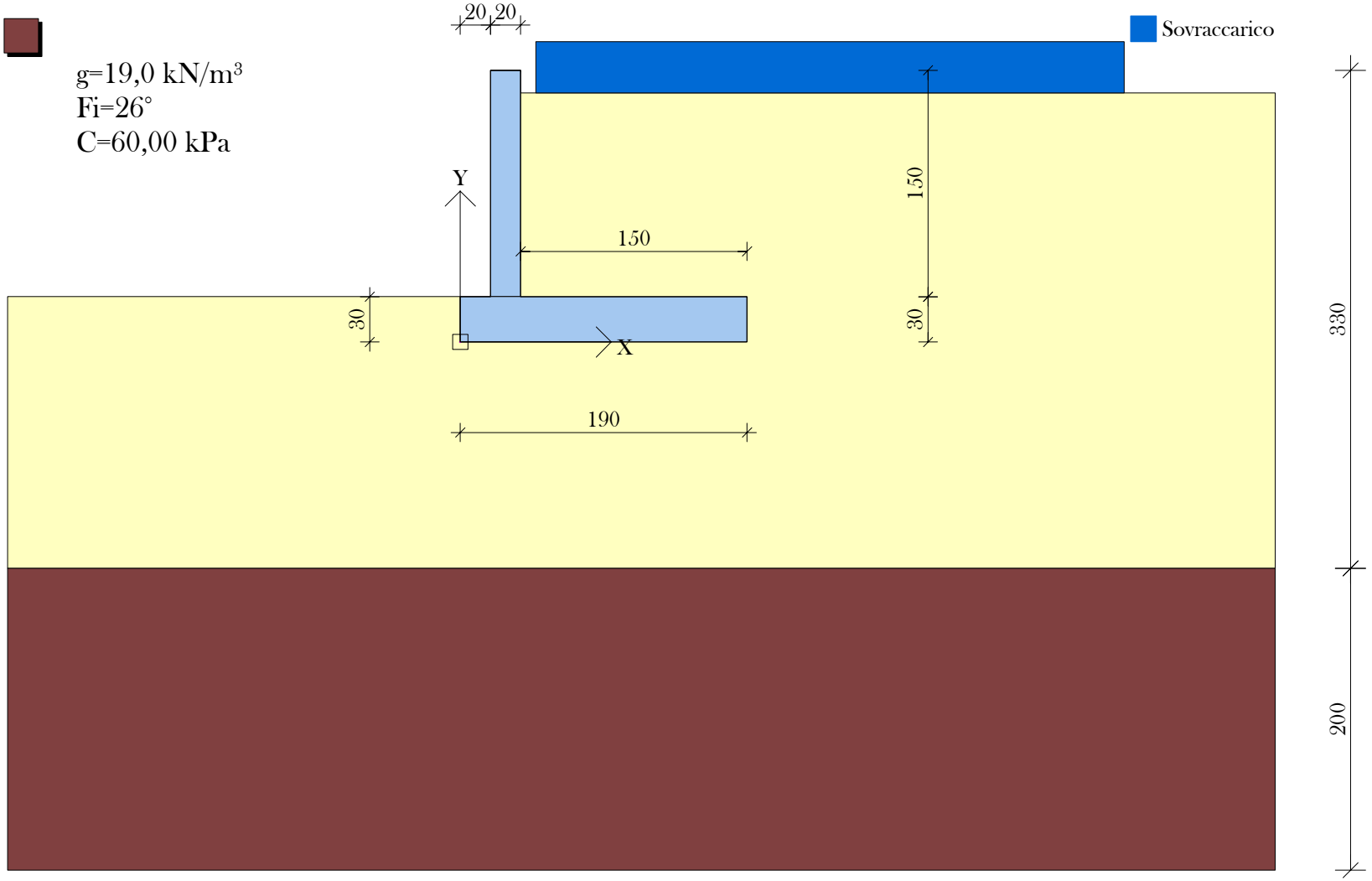
* Pressioni terreno kPa



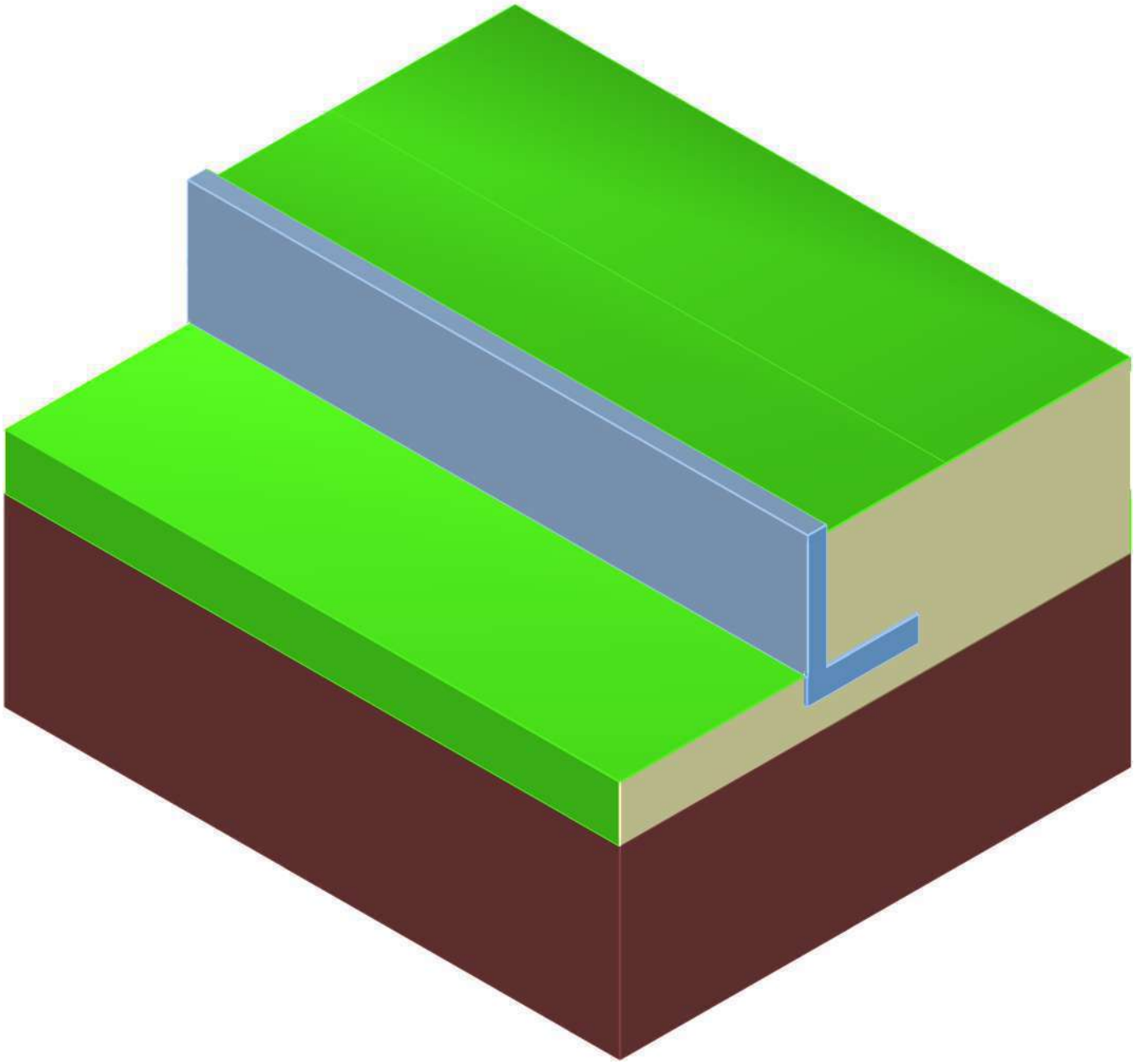

(4,0,10,5)
(6,4,10,5)
(4,0,8,1)
(6,4,8,1)
xc=5,48 yc=8,07 Rc=3,49 Fs=3,81
P. 0,33 kg/cm²
Strato...1
g=1631,546Kg/m³
gs=1631,546Kg/m³
Fi=23°
Strato...2
g=1937,461Kg/m³
gs=1937,461Kg/m³
Fi=26°

g=16,0 kN/m³
Fi=23°

g=19,0 kN/m³
Fi=26°
C=60,00 kPa



Muro C.A. h=200 cm



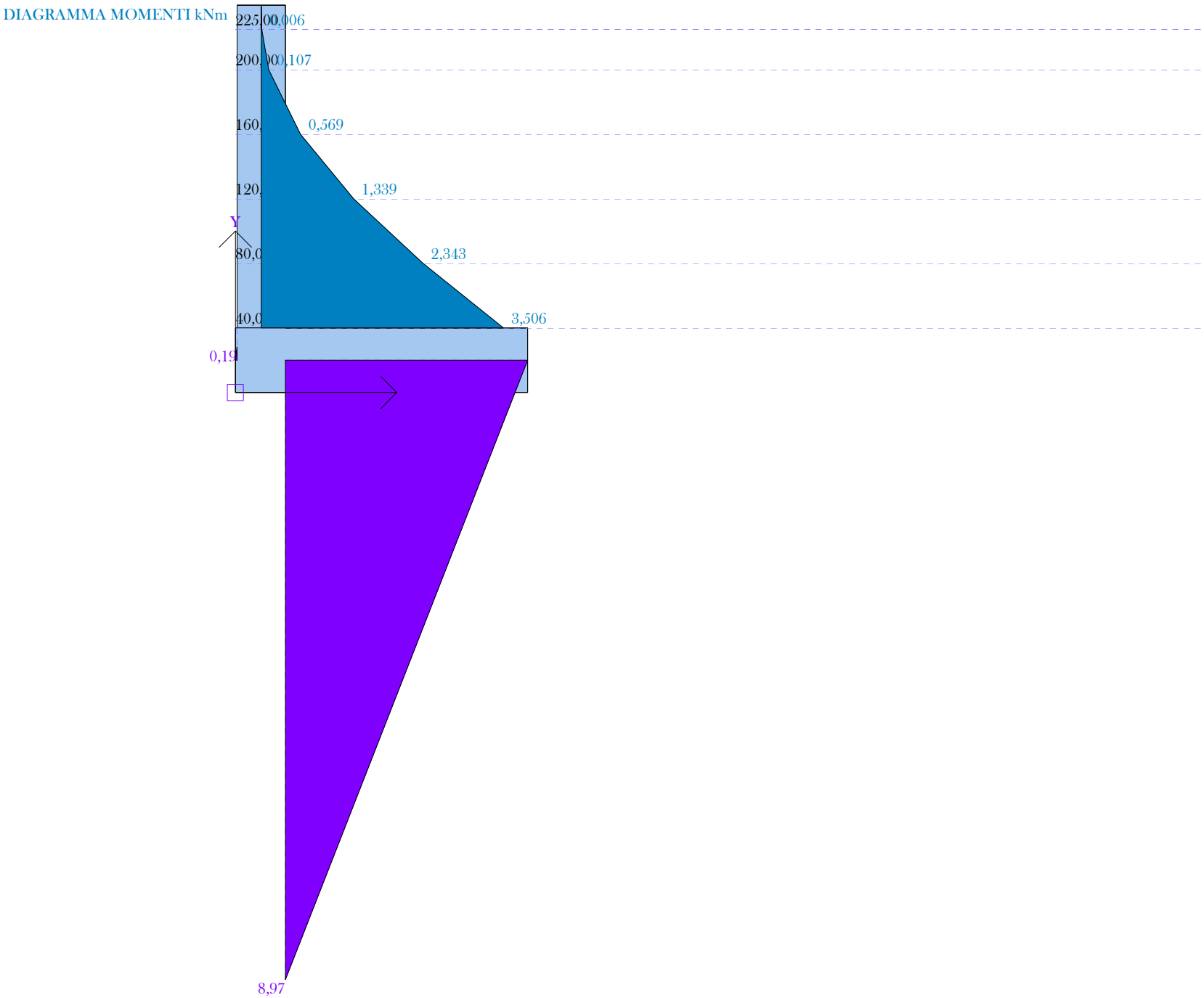
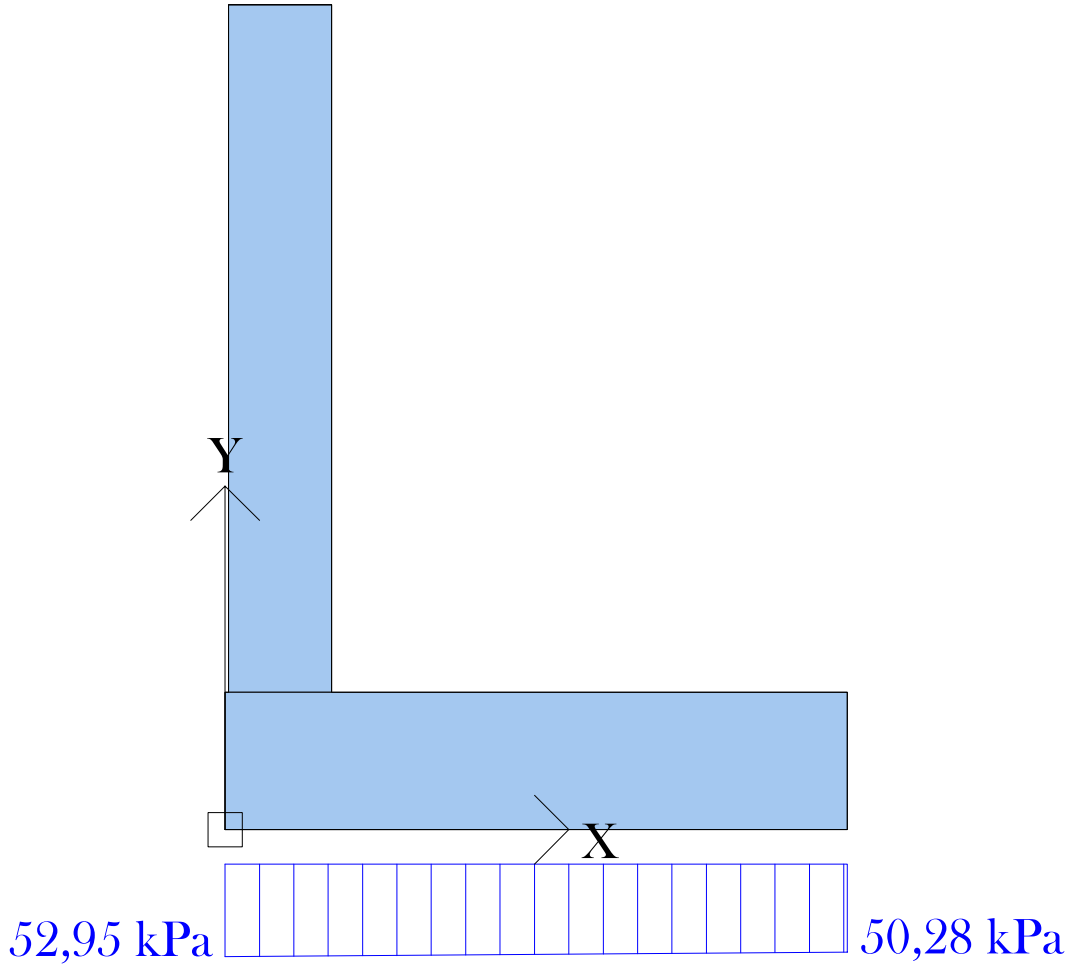
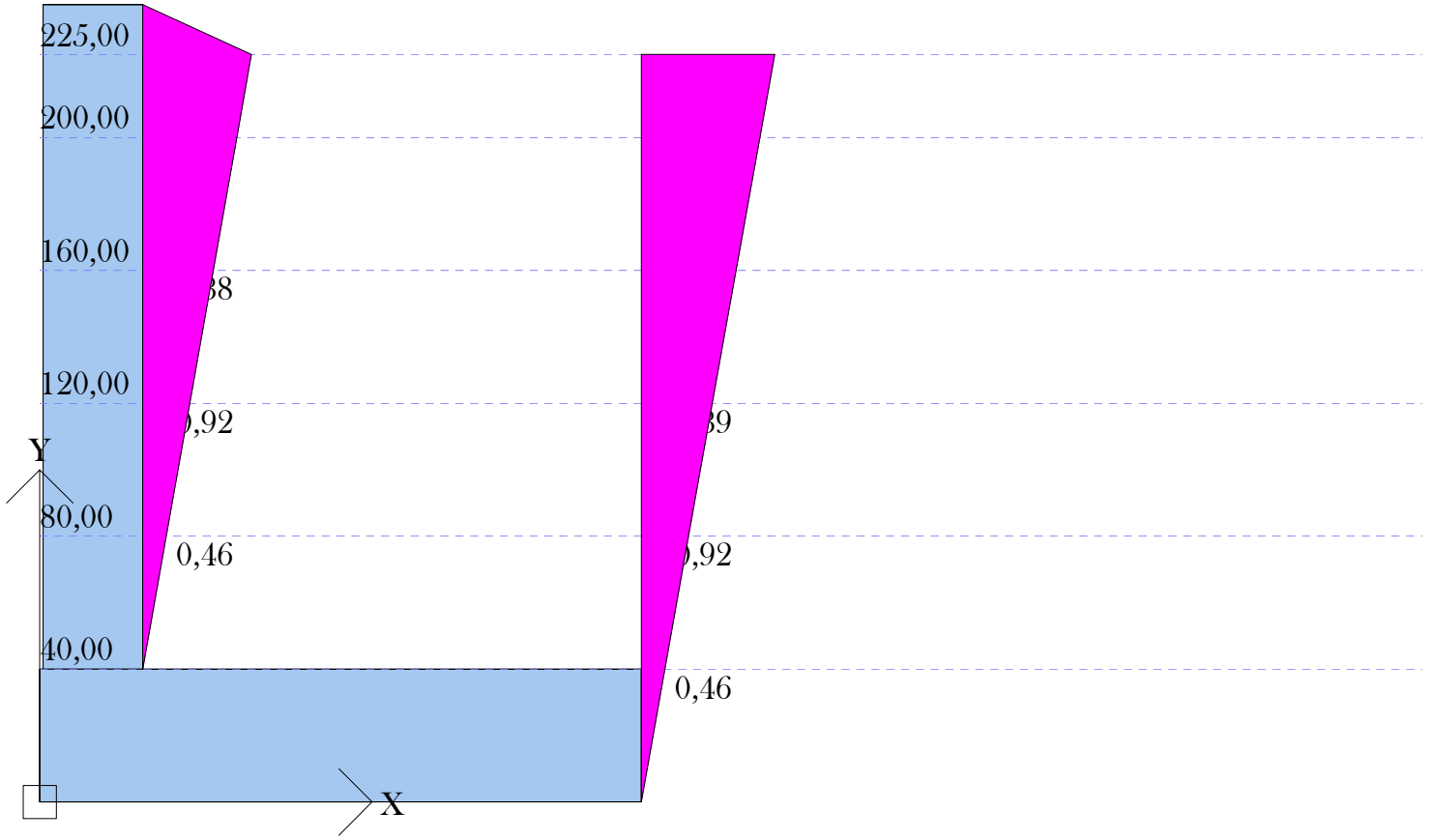


DIAGRAMMA MOMENTI kNm
225,0
200,0
160,
120,
80,0
40,0
0,006
0,107
0,569
1,339
2,343
3,506
Y
0,19
8,97

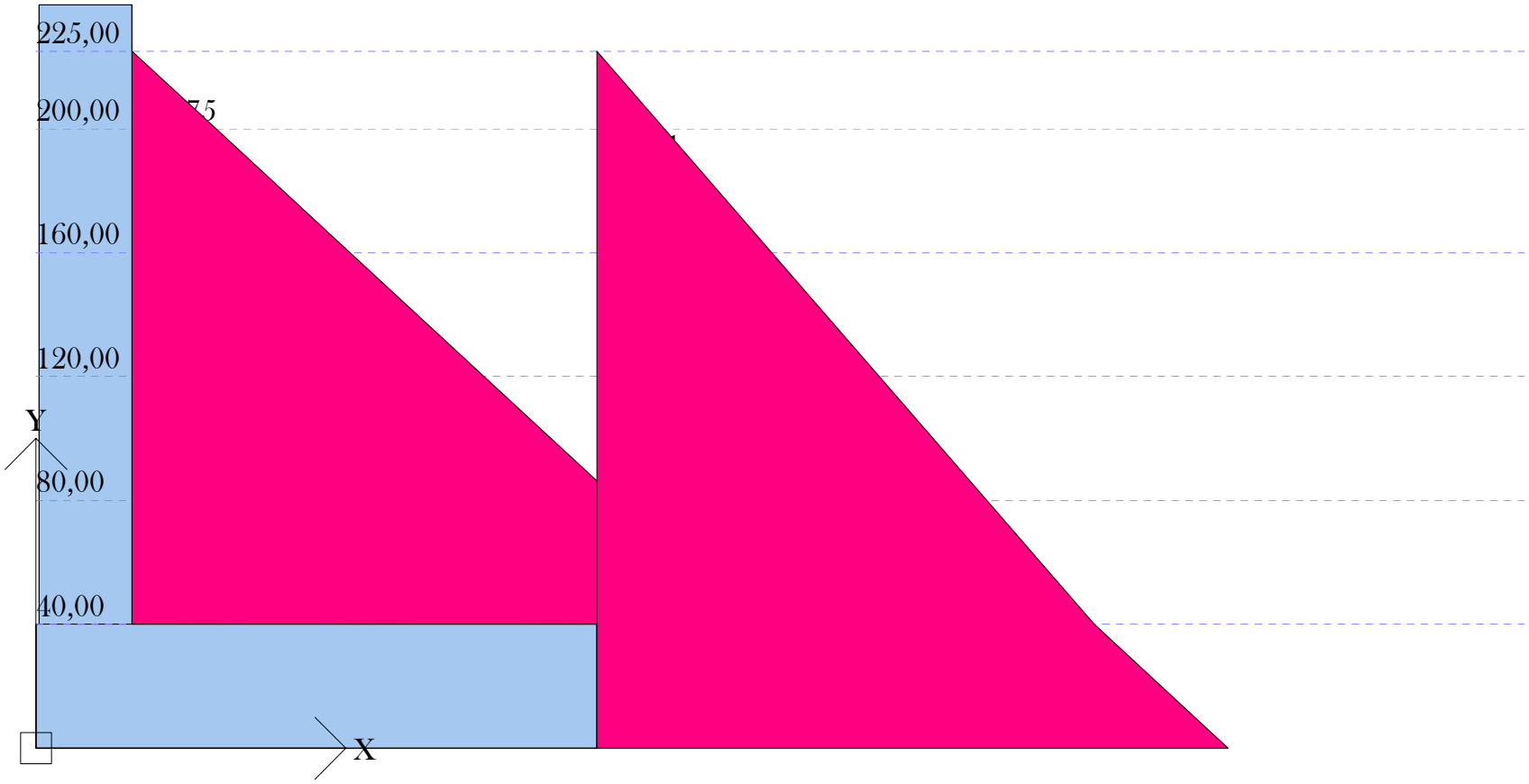
PRESSIONI IN FONDAZIONE

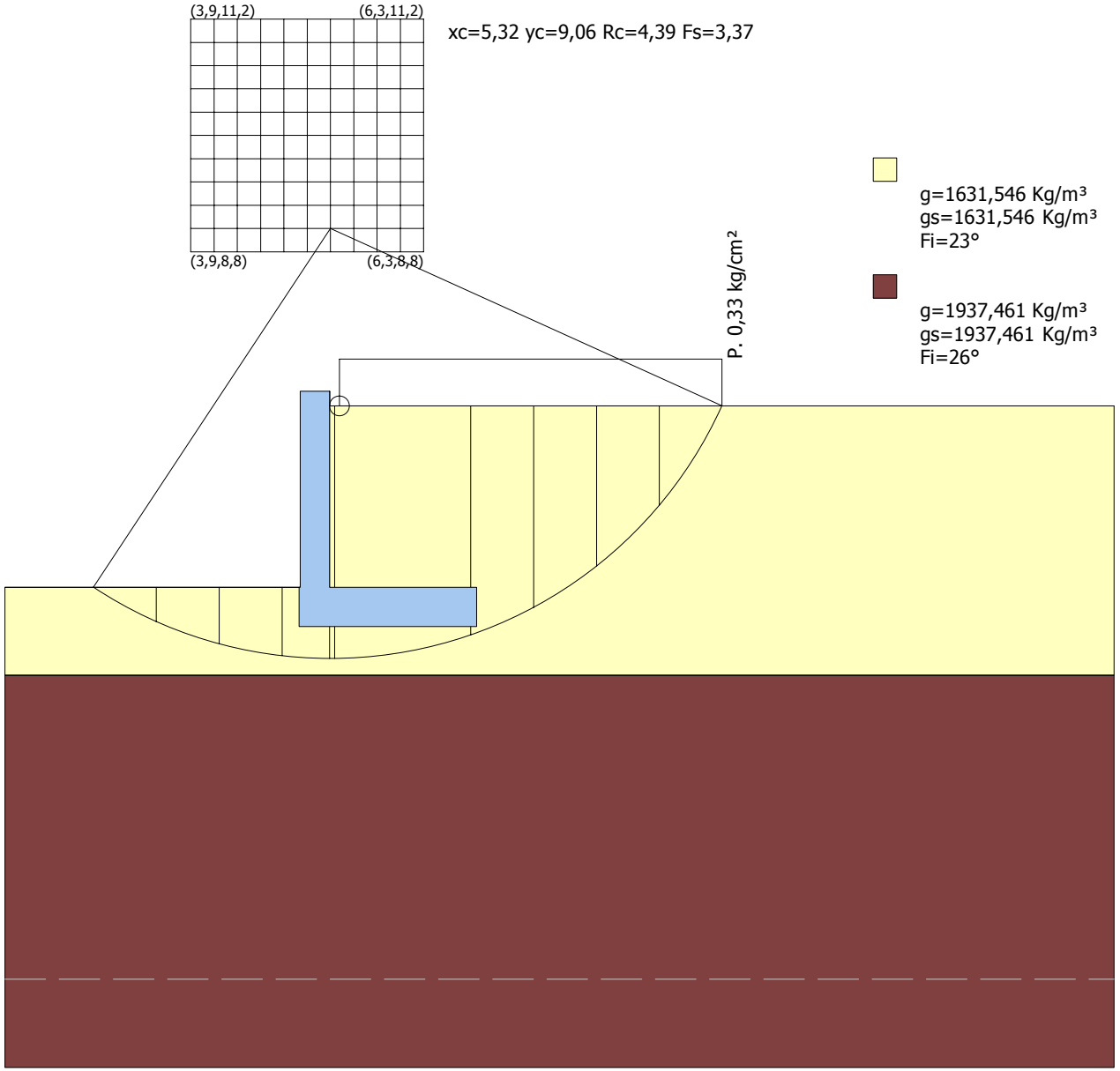


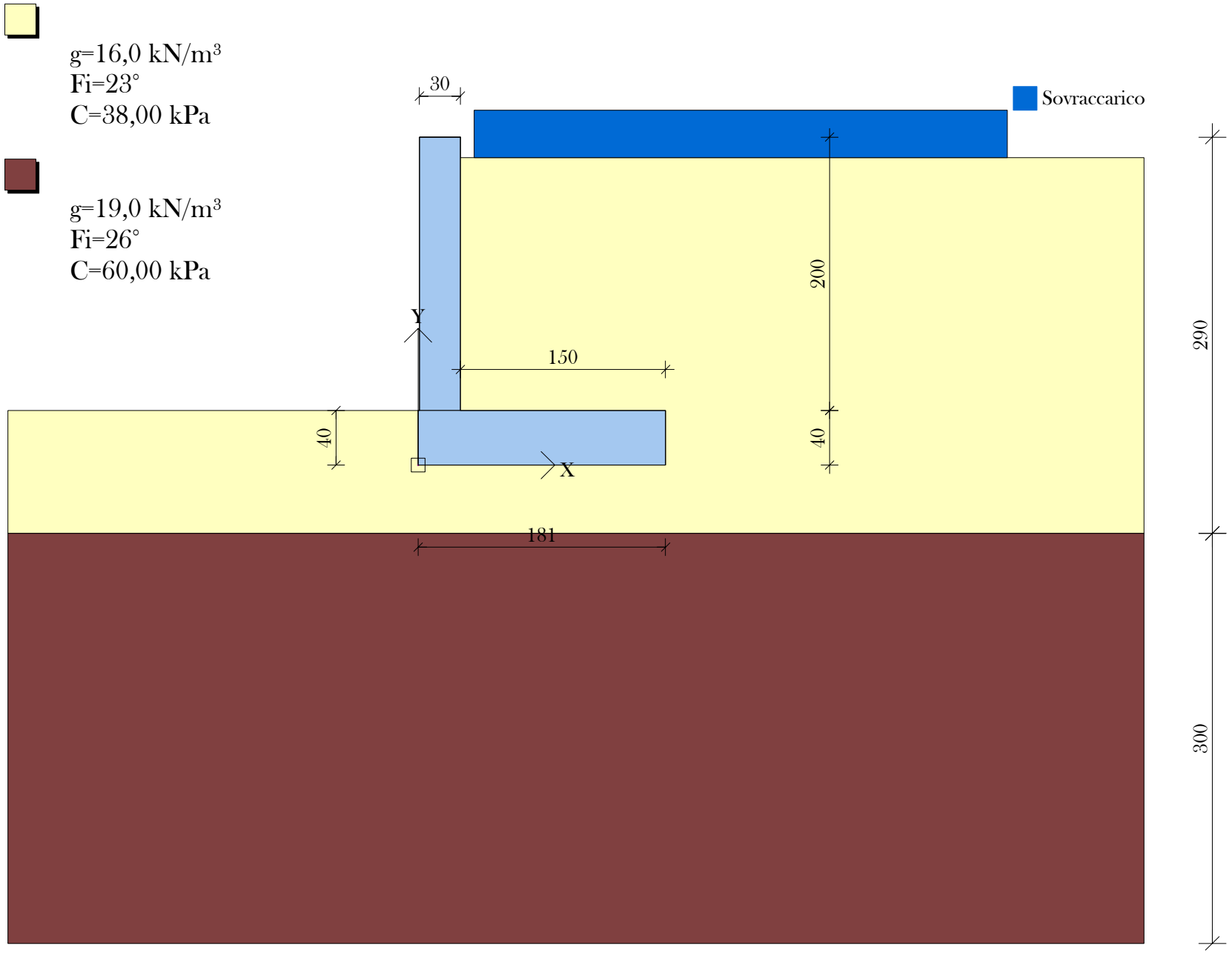
* Pressioni dinamiche kPa



* Pressioni terreno kPa




(3,9,11,2)
(6,3,11,2)
(3,9,8,8)
(6,3,8,8)
xc=5,32 yc=9,06 Rc=4,39 Fs=3,37
P. 0,33 kg/cm²
g=1631,546 Kg/m³
gs=1631,546 Kg/m³
Fi=23°
g=1937,461 Kg/m³
gs=1937,461 Kg/m³
Fi=26°


g=16,0 kN/m³
Fi=23°
C=38,00 kPa
g=19,0 kN/m³
Fi=26°
C=60,00 kPa
30
Sovraccarico
200
290
Y
150
40
40
X
181
300

Muro C.A. h=250 cm

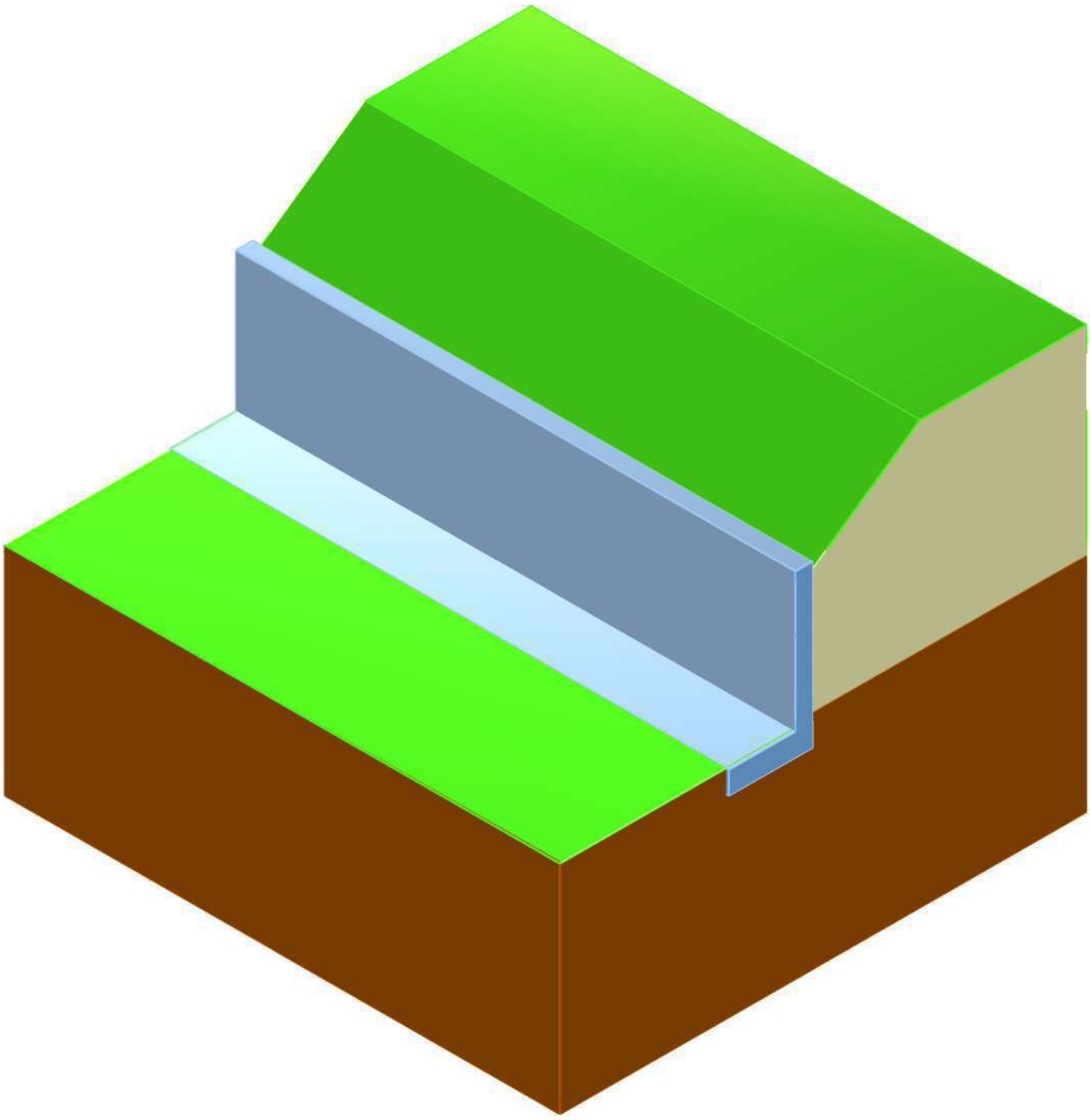
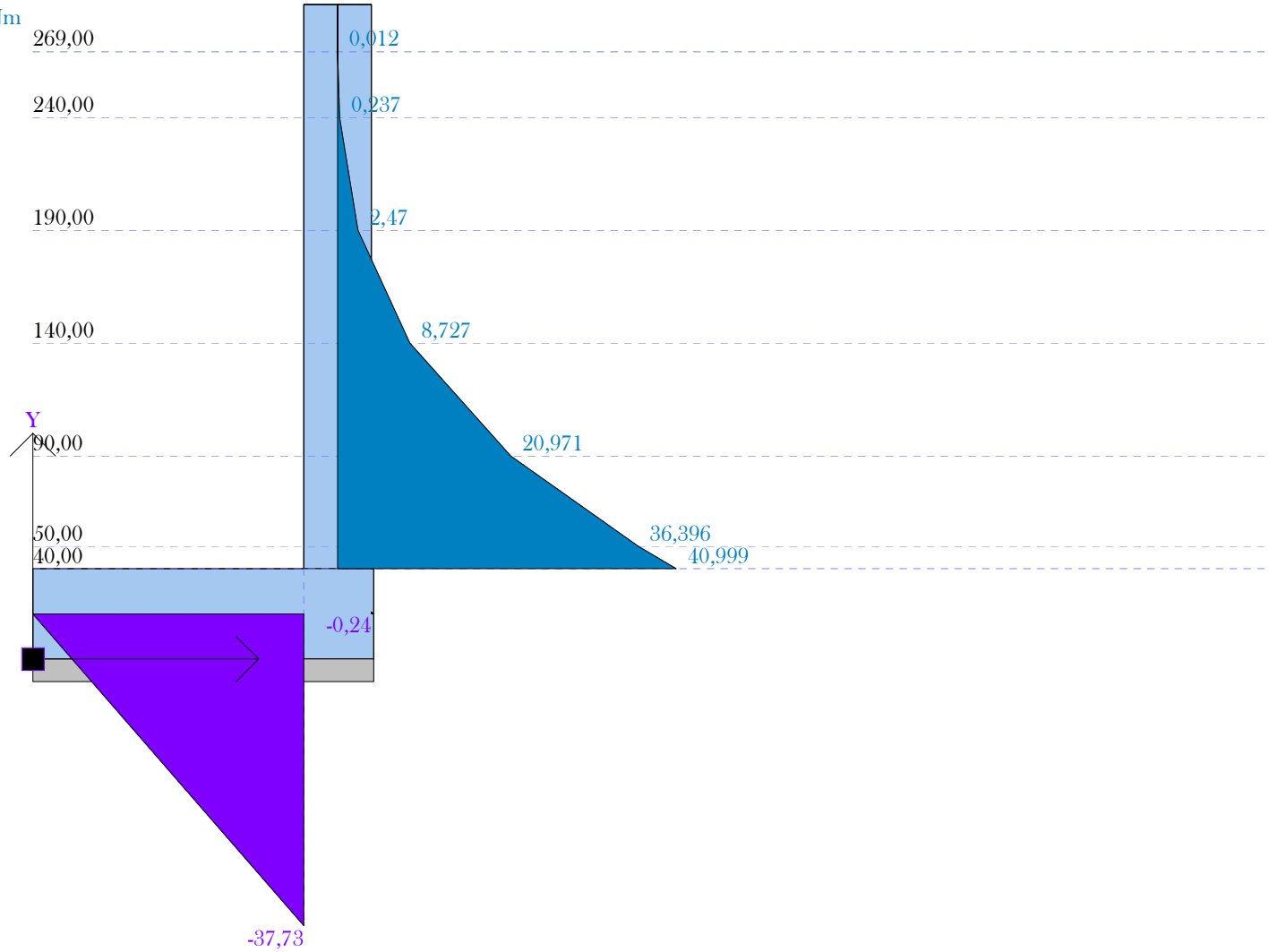
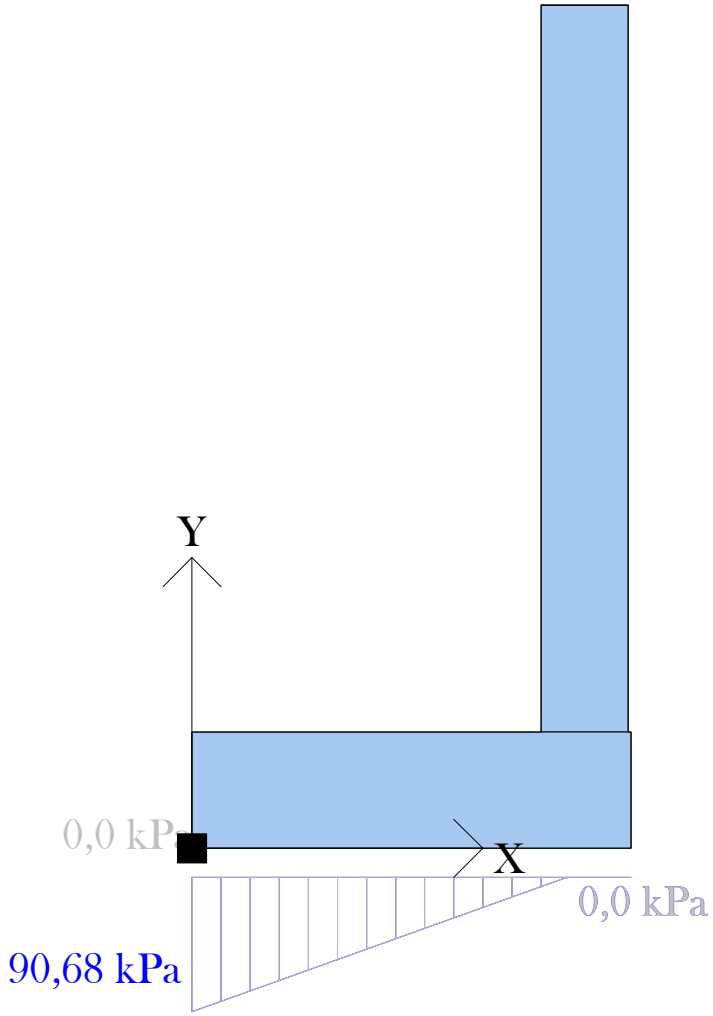


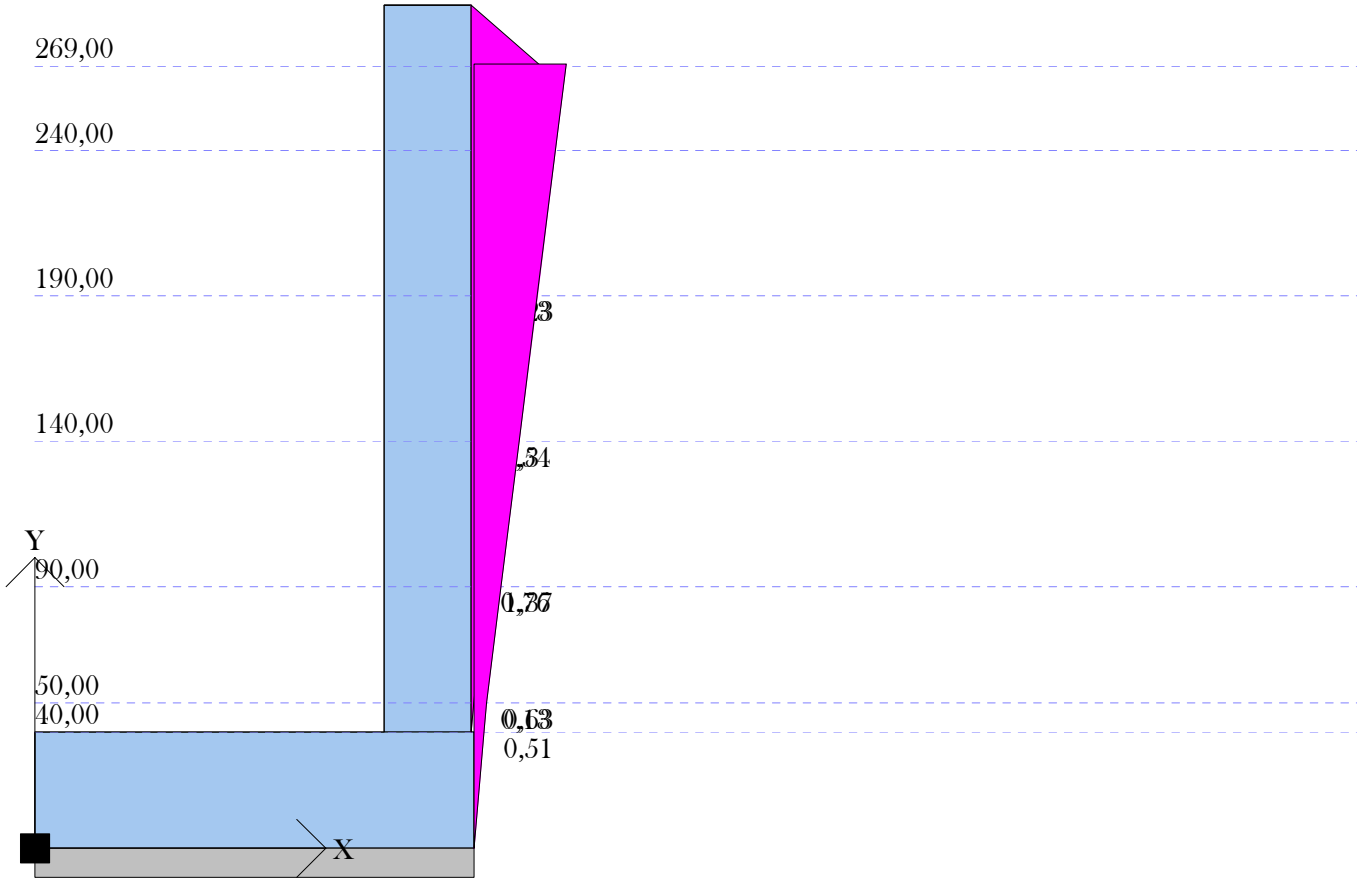
DIAGRAMMA MOMENTI kNm



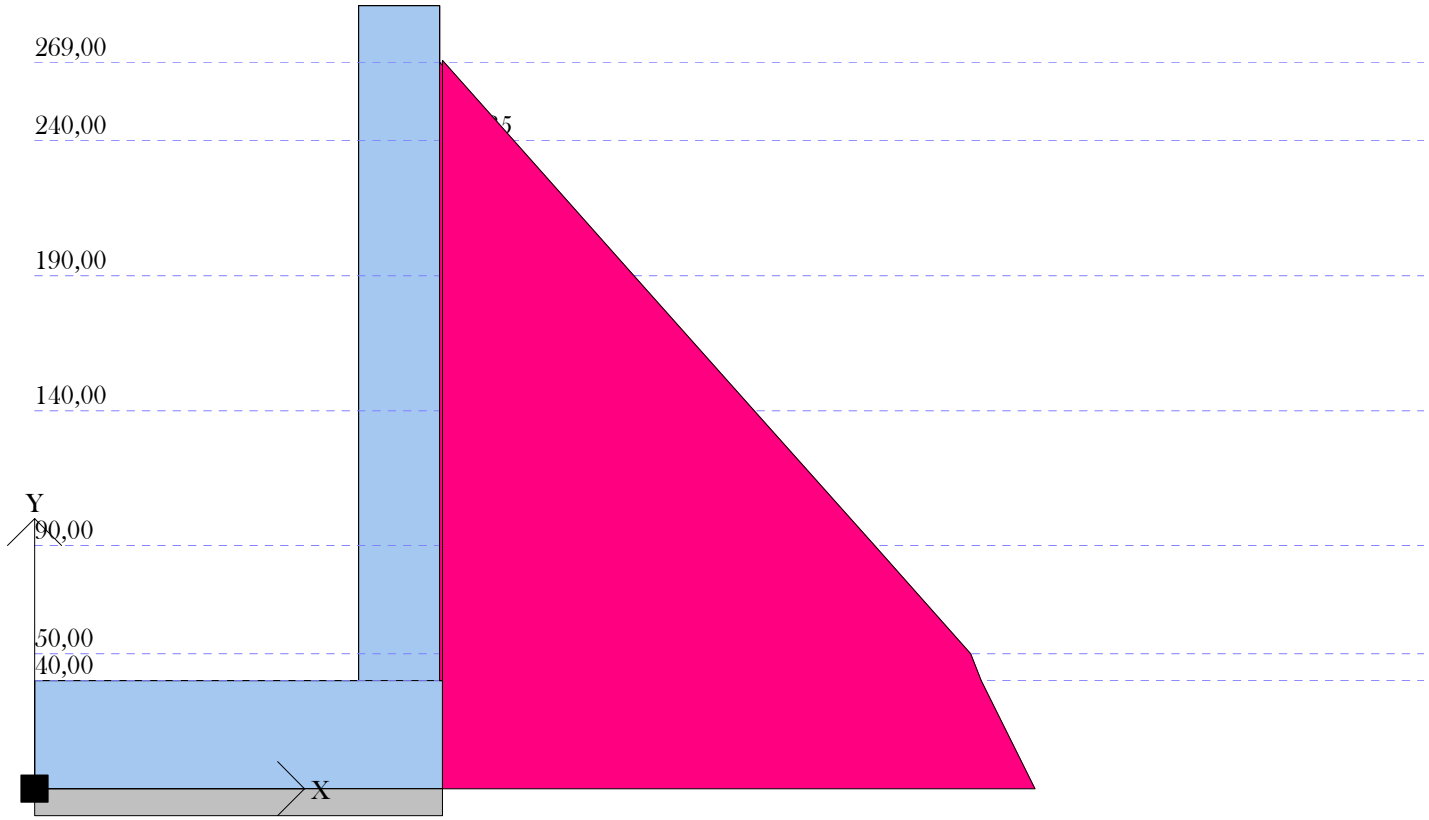
PRESSIONI IN FONDAZIONE

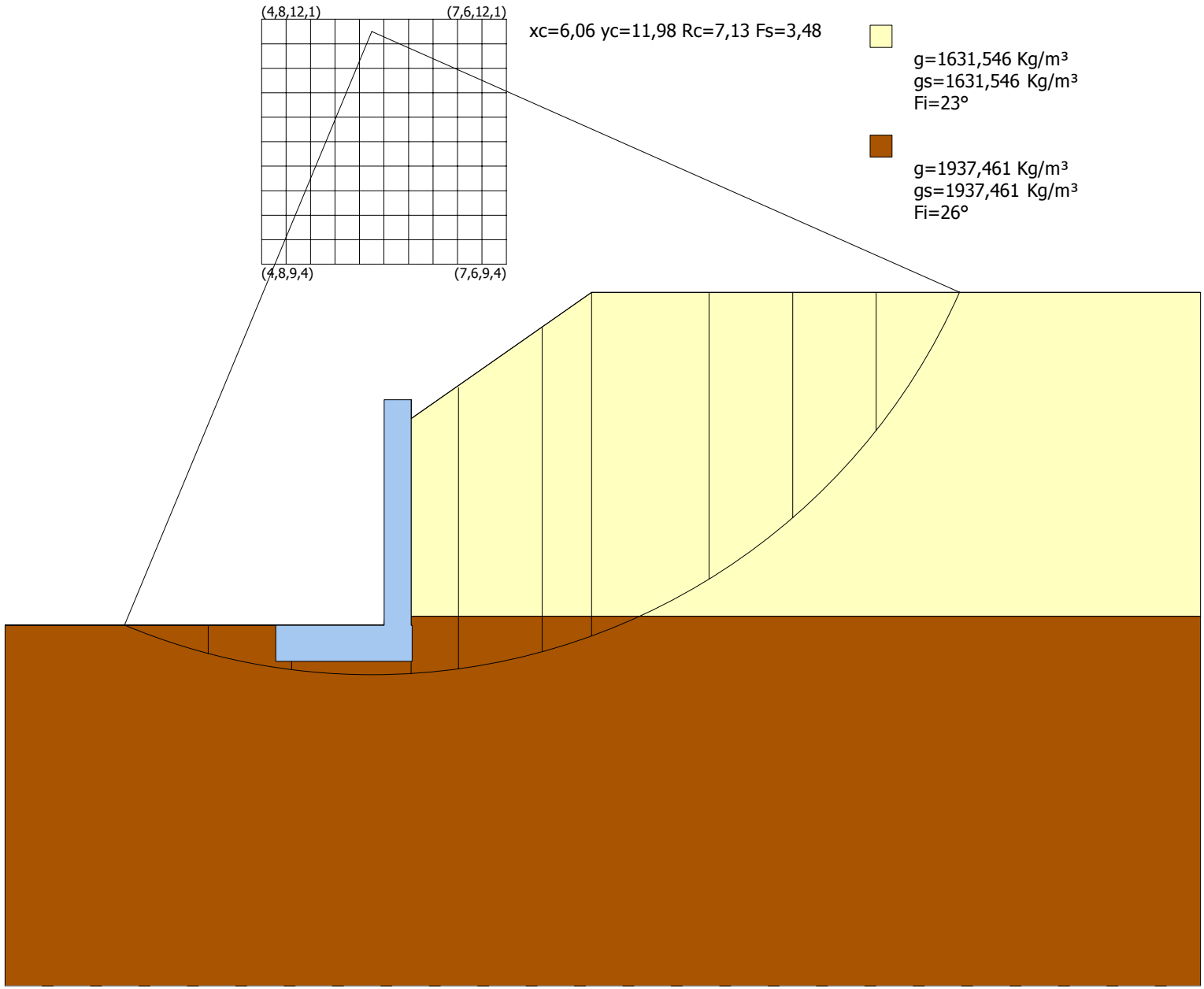


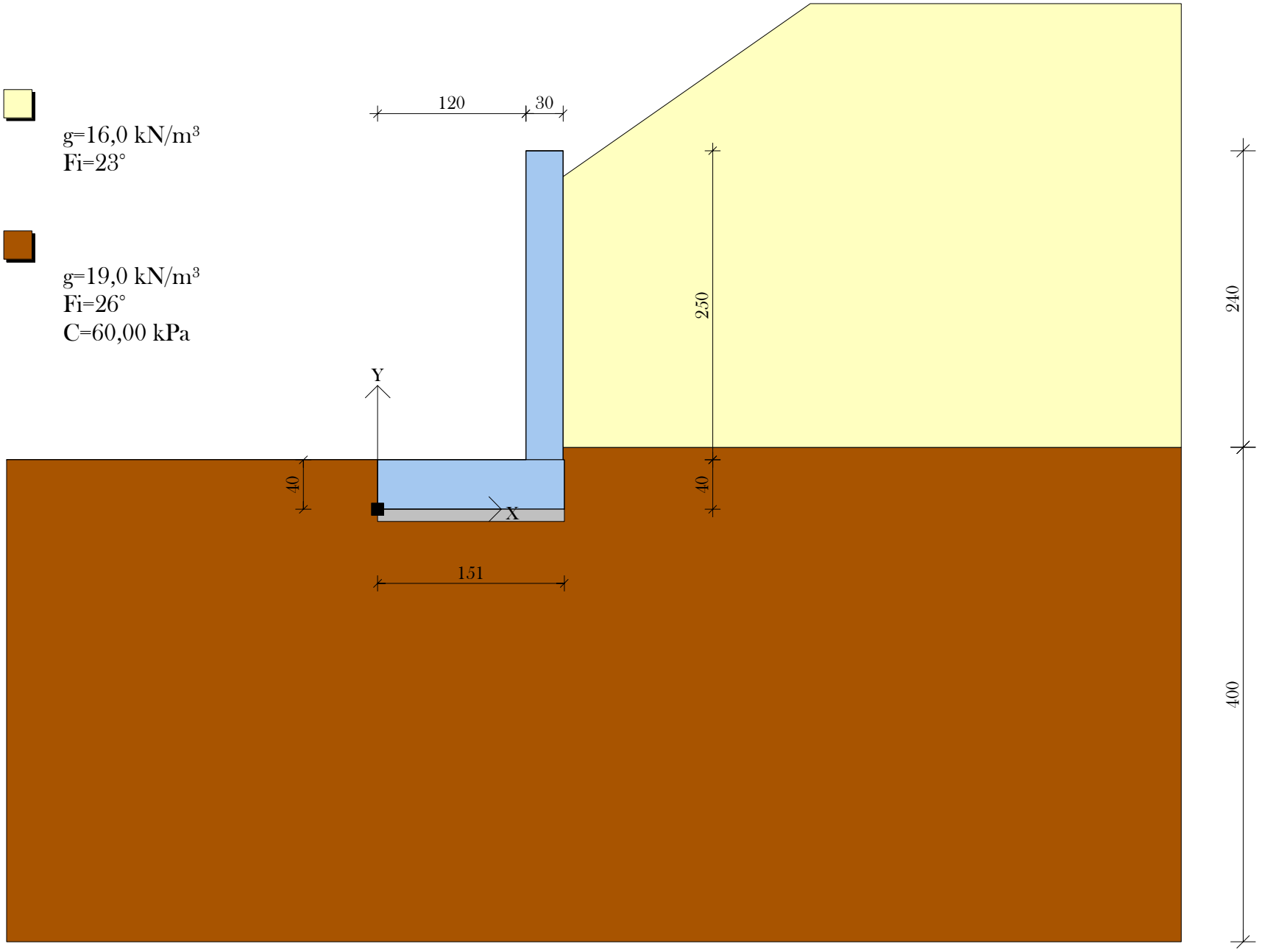
* Pressioni dinamiche kPa



* Pressioni terreno kPa




(4,8,12,1)
(7,6,12,1)
(4,8,9,4)
(7,6,9,4)
xc=6,06 yc=11,98 Rc=7,13 Fs=3,48
g=1631,546 Kg/m³
gs=1631,546 Kg/m³
Fi=23°
g=1937,461 Kg/m³
gs=1937,461 Kg/m³
Fi=26°


g=16,0 kN/m3
Fi=23°
g=19,0 kN/m3
Fi=26°
C=60,00 kPa
120
30
250
240
Y
X
40
40
151
400

Muro C.A. h=250A cm

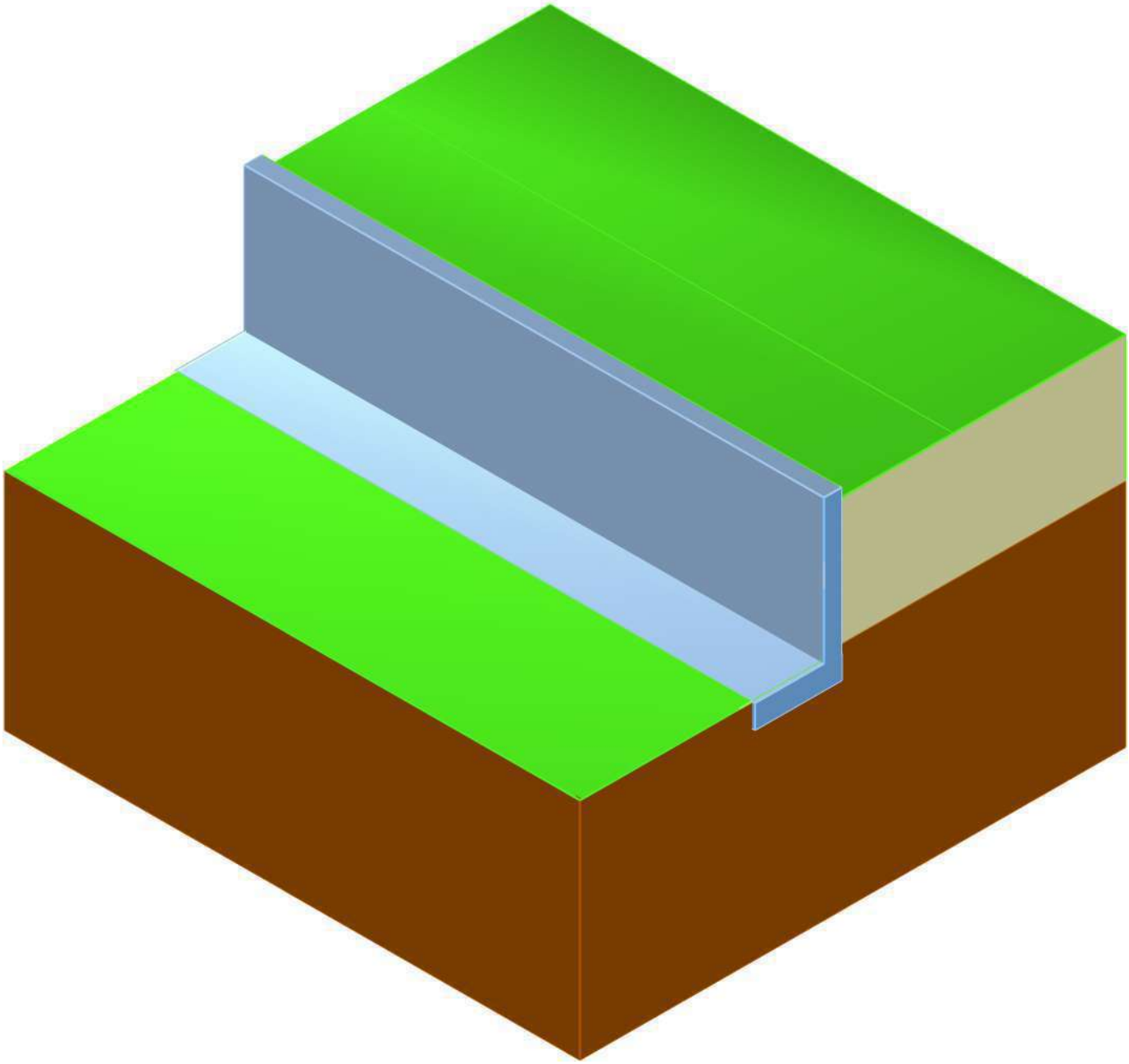
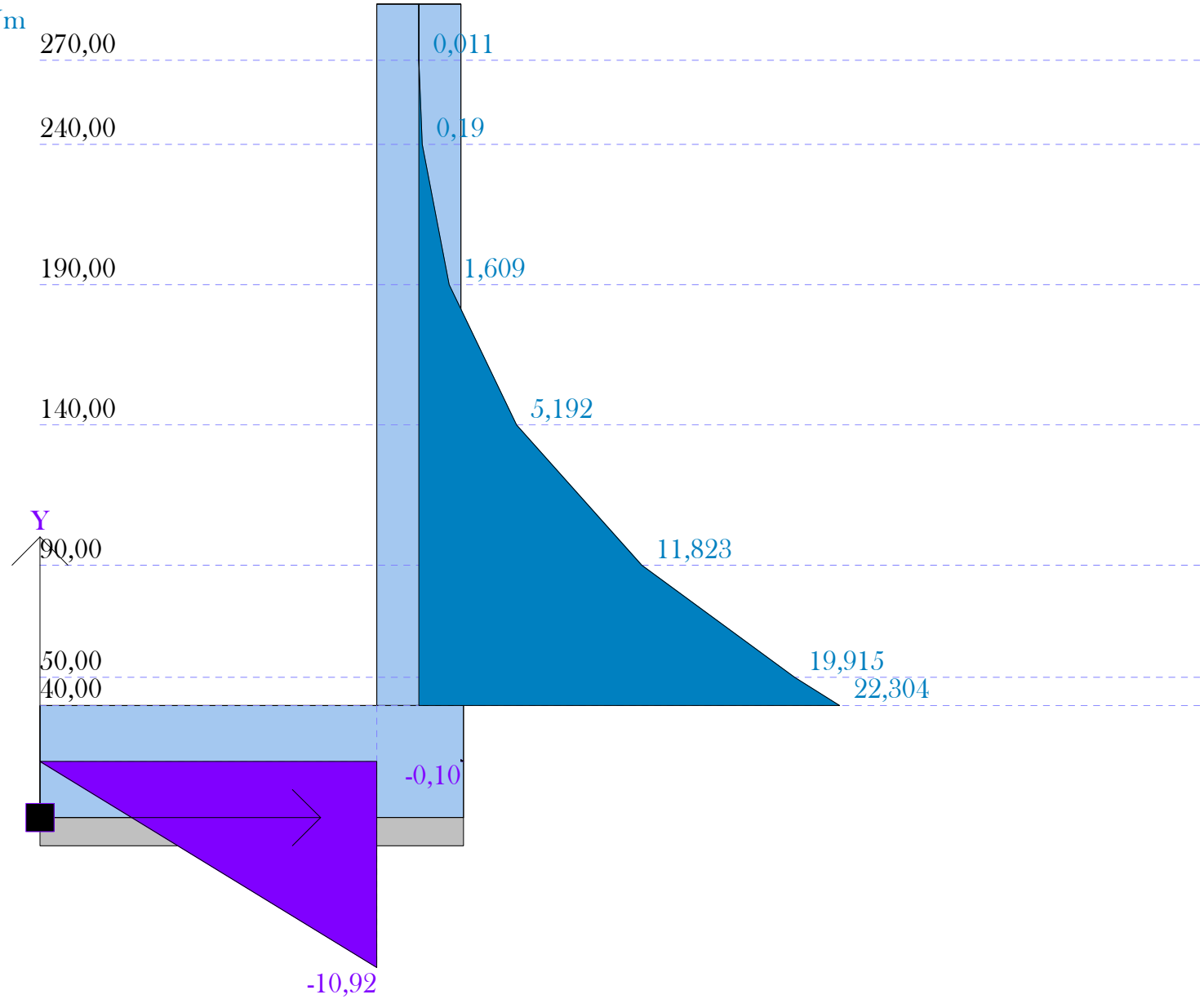
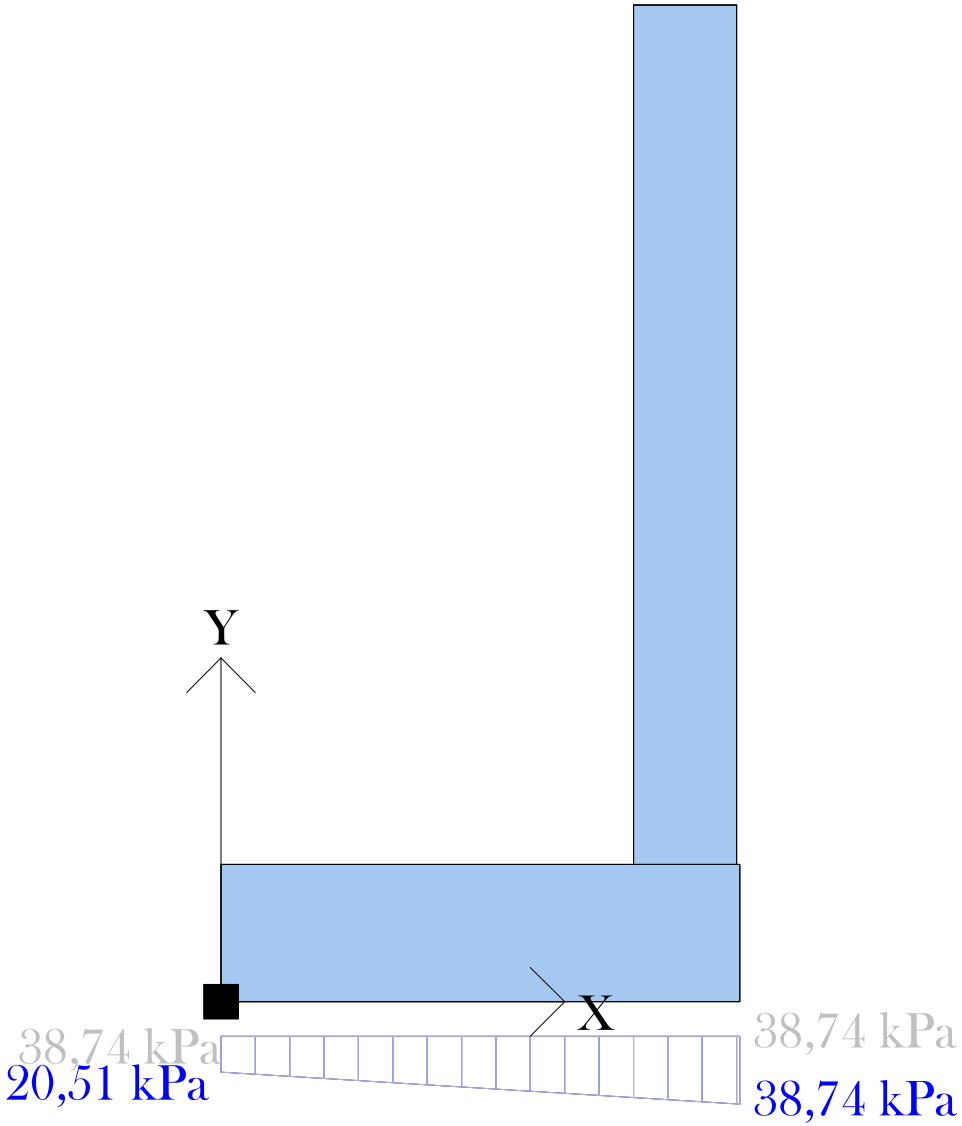


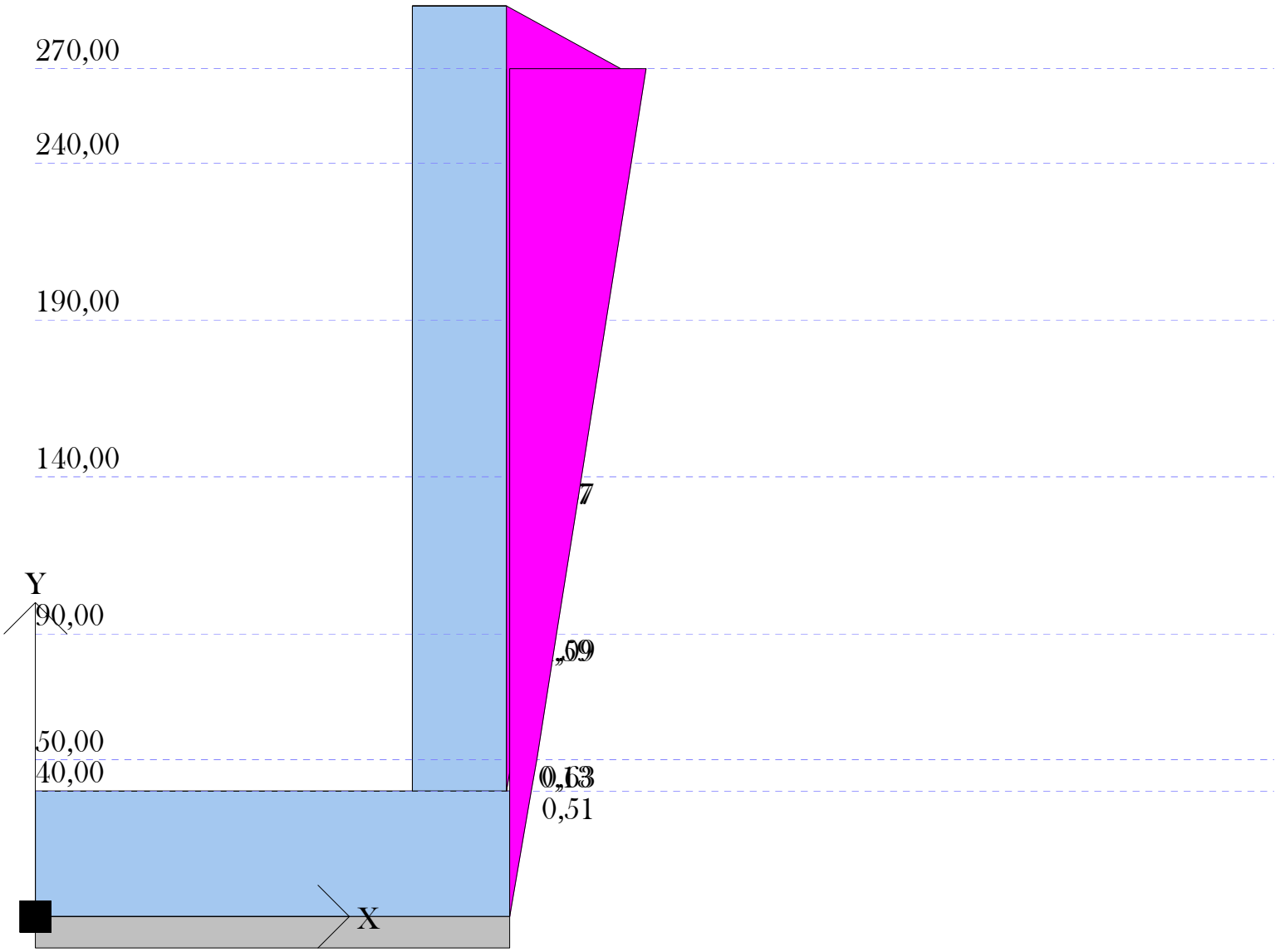
DIAGRAMMA MOMENTI kNm



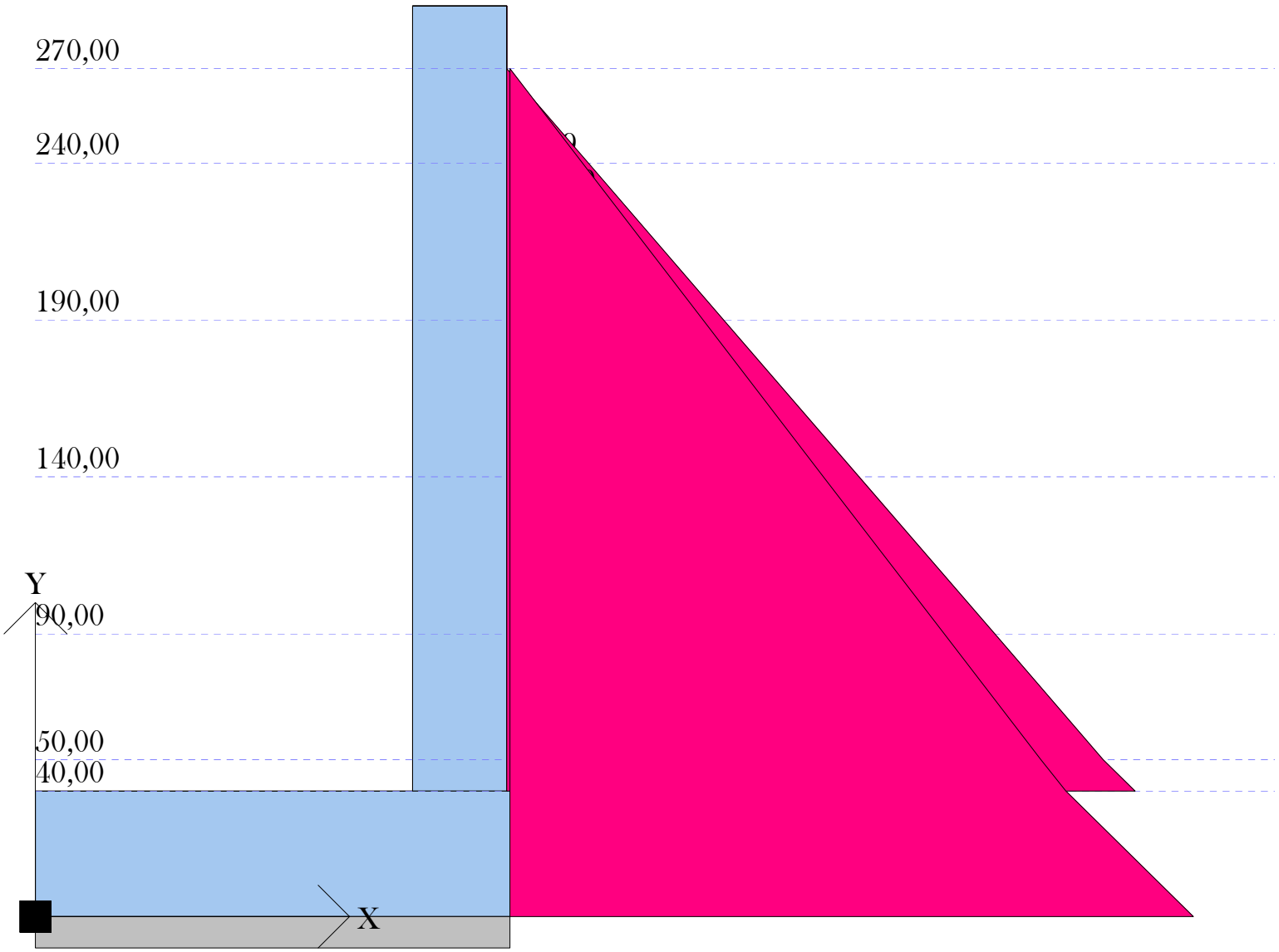
PRESSIONI IN FONDAZIONE

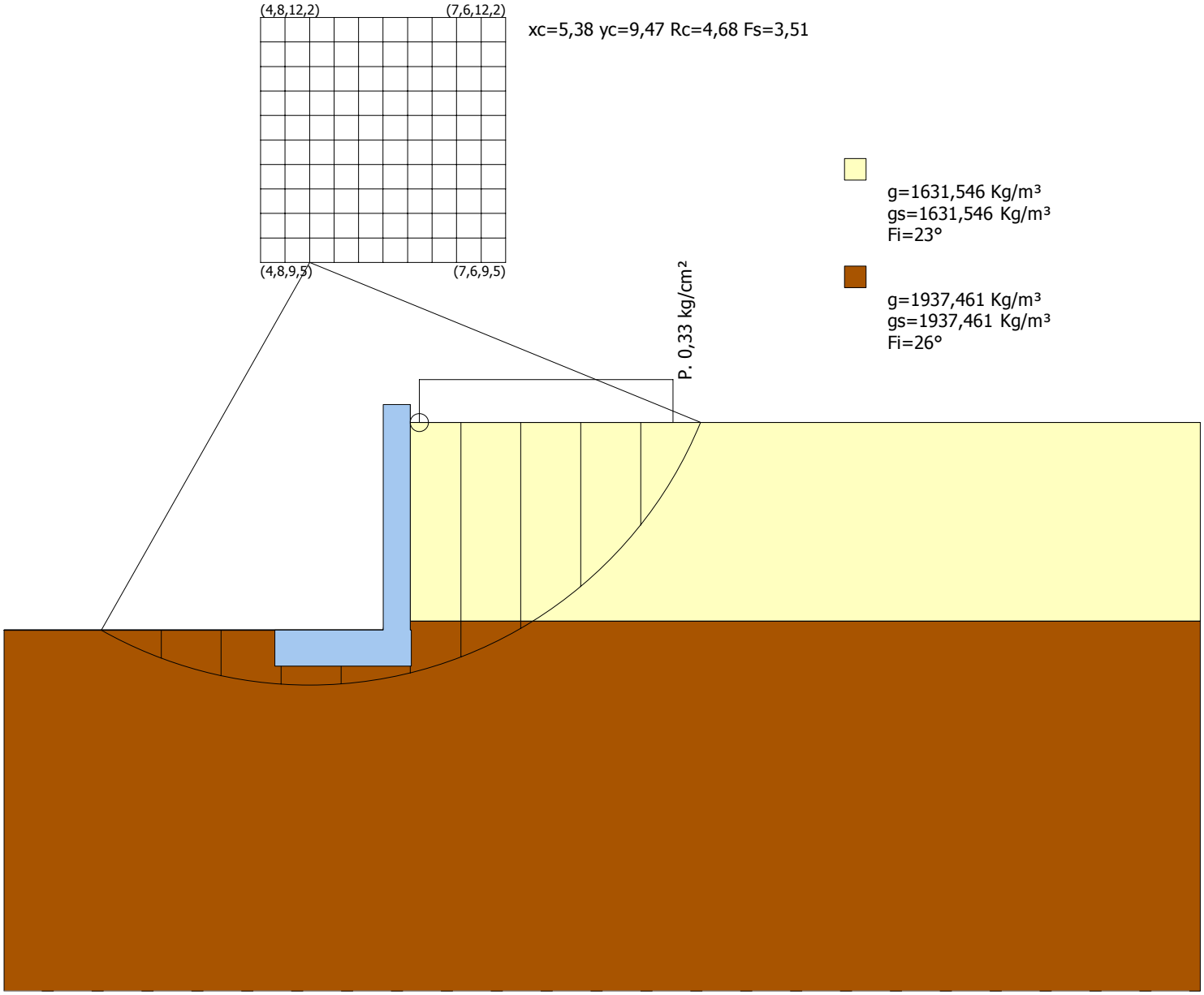


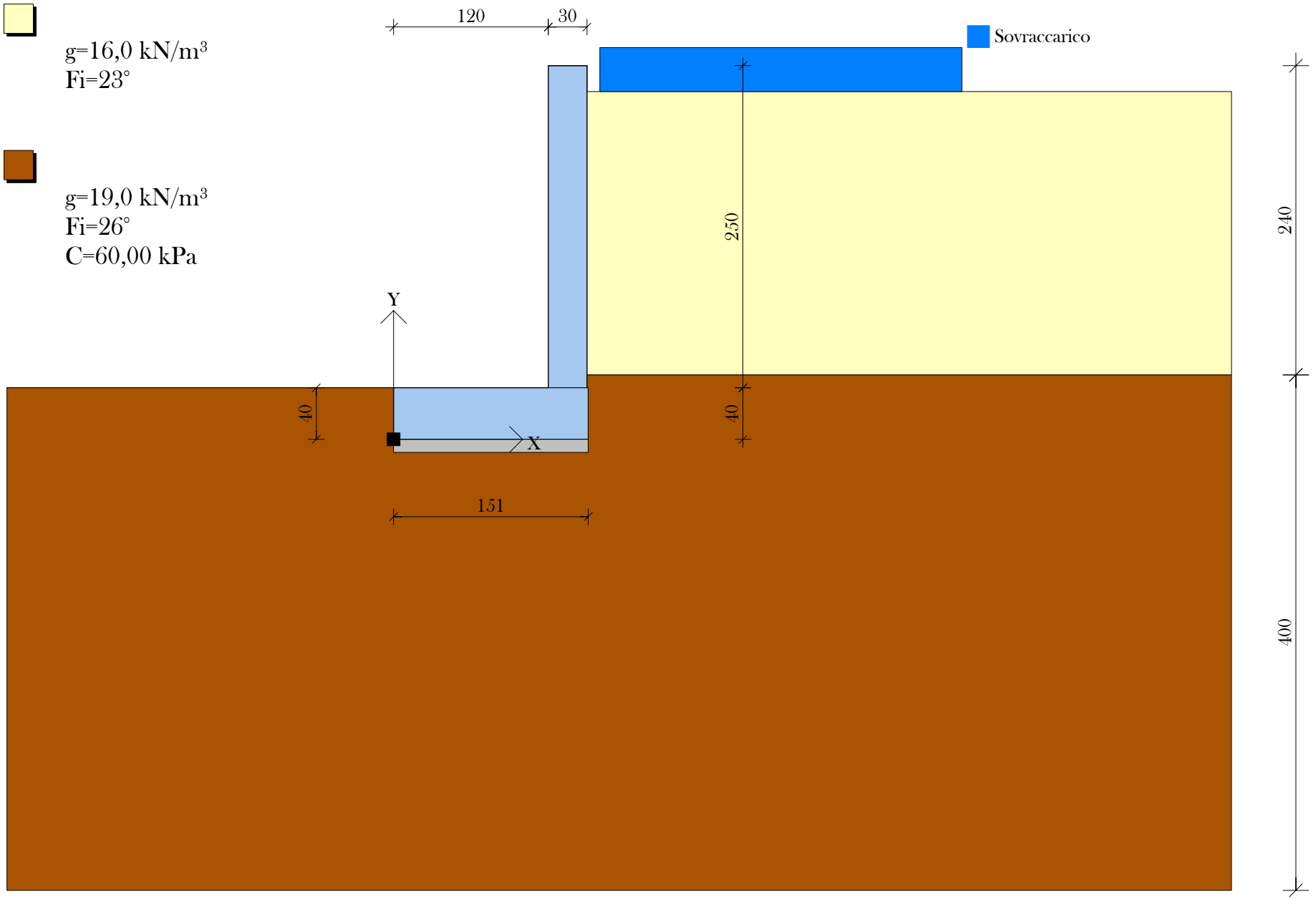
* Pressioni dinamiche kPa



* Pressioni terreno kPa




(4,8,12,2)
(7,6,12,2)
(4,8,9,5)
(7,6,9,5)
xc=5,38 yc=9,47 Rc=4,68 Fs=3,51
g=1631,546 Kg/m³
gs=1631,546 Kg/m³
Fi=23°
g=1937,461 Kg/m³
gs=1937,461 Kg/m³
Fi=26°
P. 0,33 kg/cm²


g=16,0 kN/m³
Fi=23°
g=19,0 kN/m³
Fi=26°
C=60,00 kPa
120
30
Sovraccarico
250
240
Y
40
40
X
151
400

Muro C.A. h=300 cm

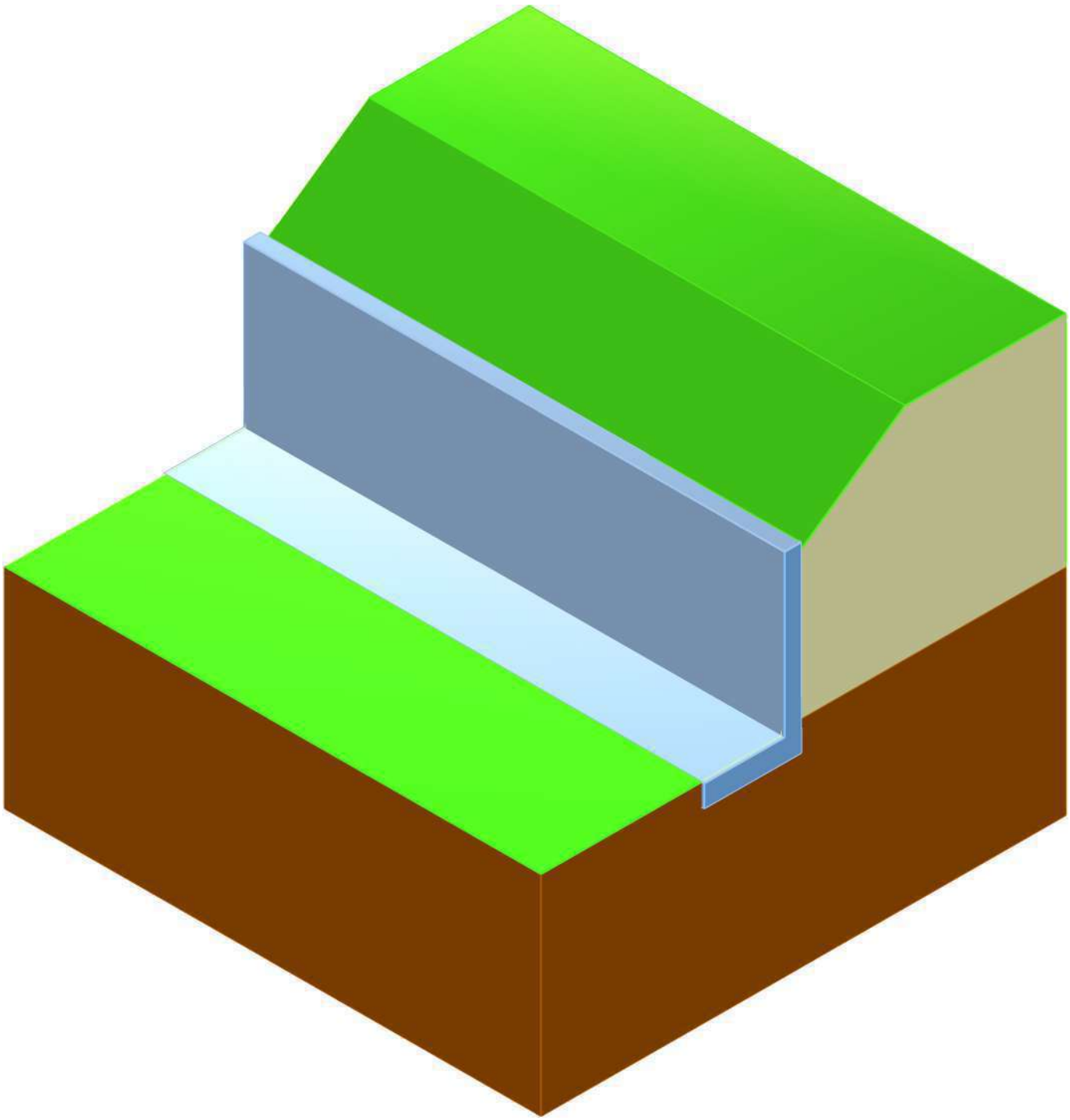
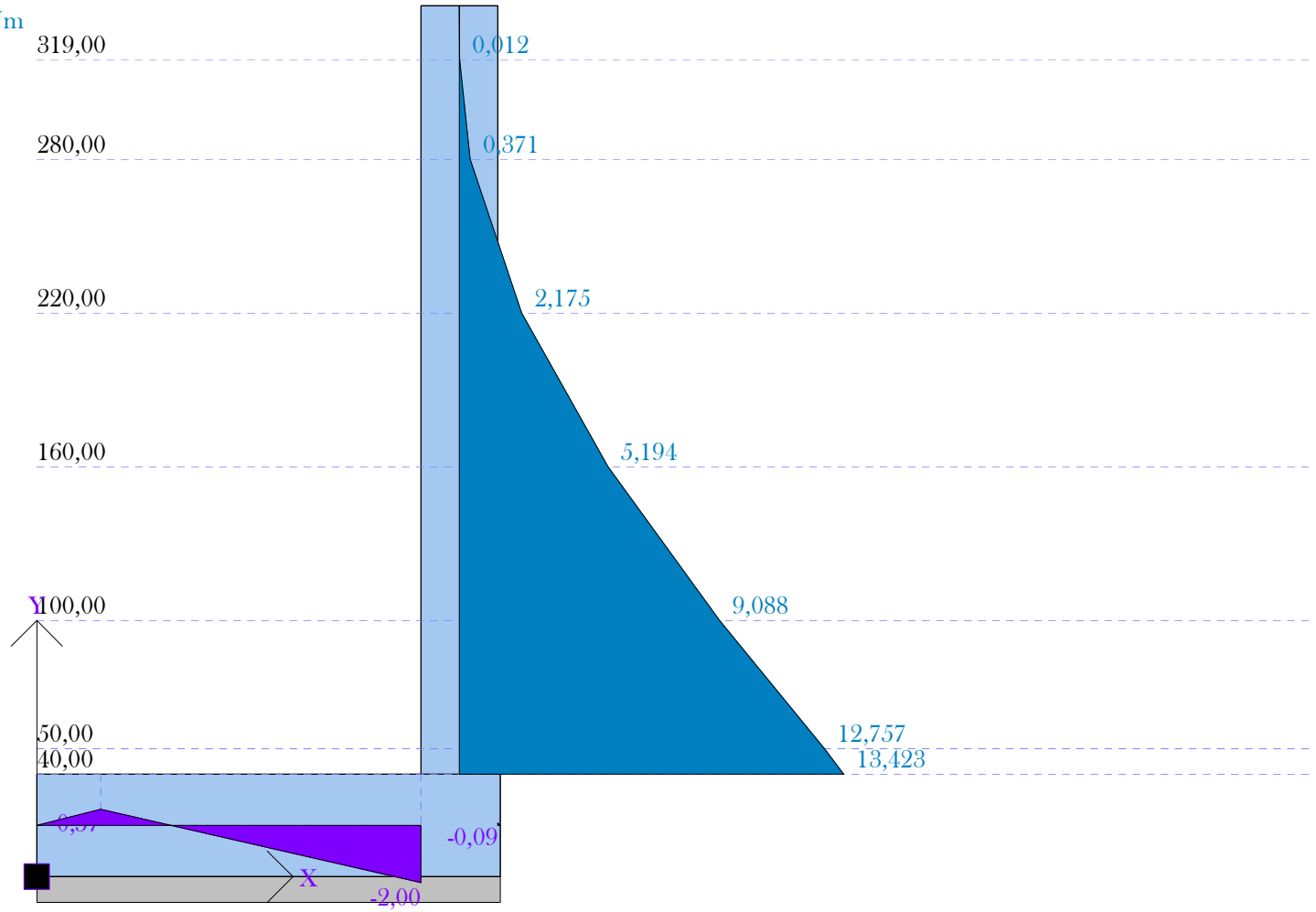
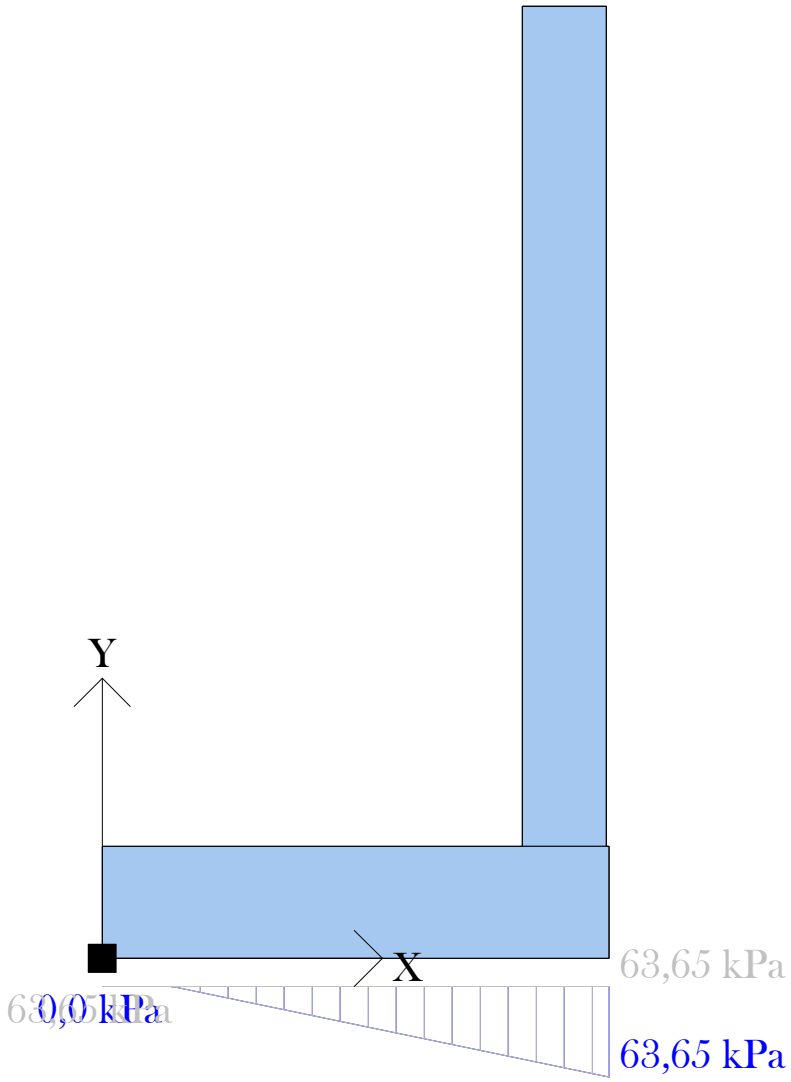
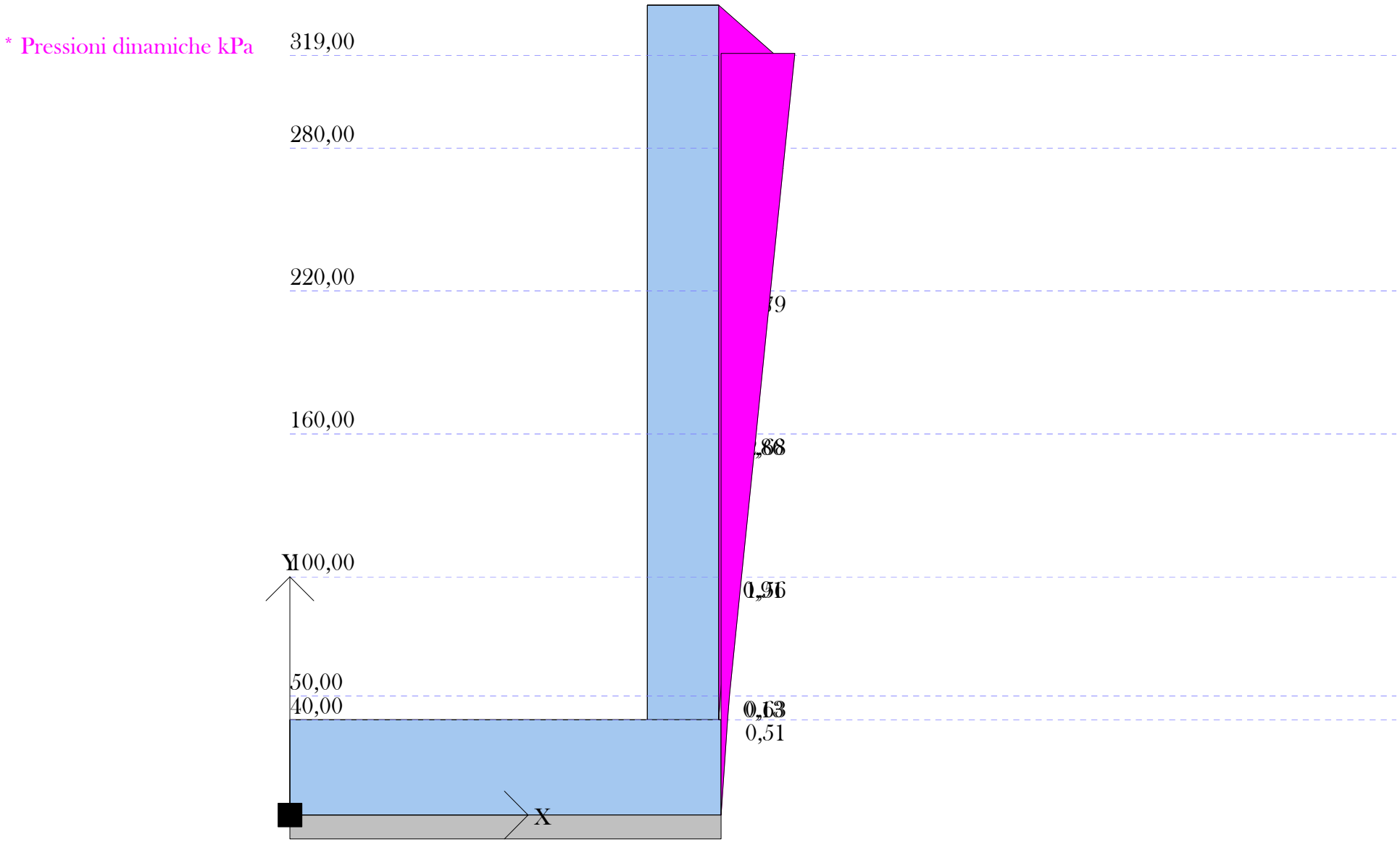


DIAGRAMMA MOMENTI kNm

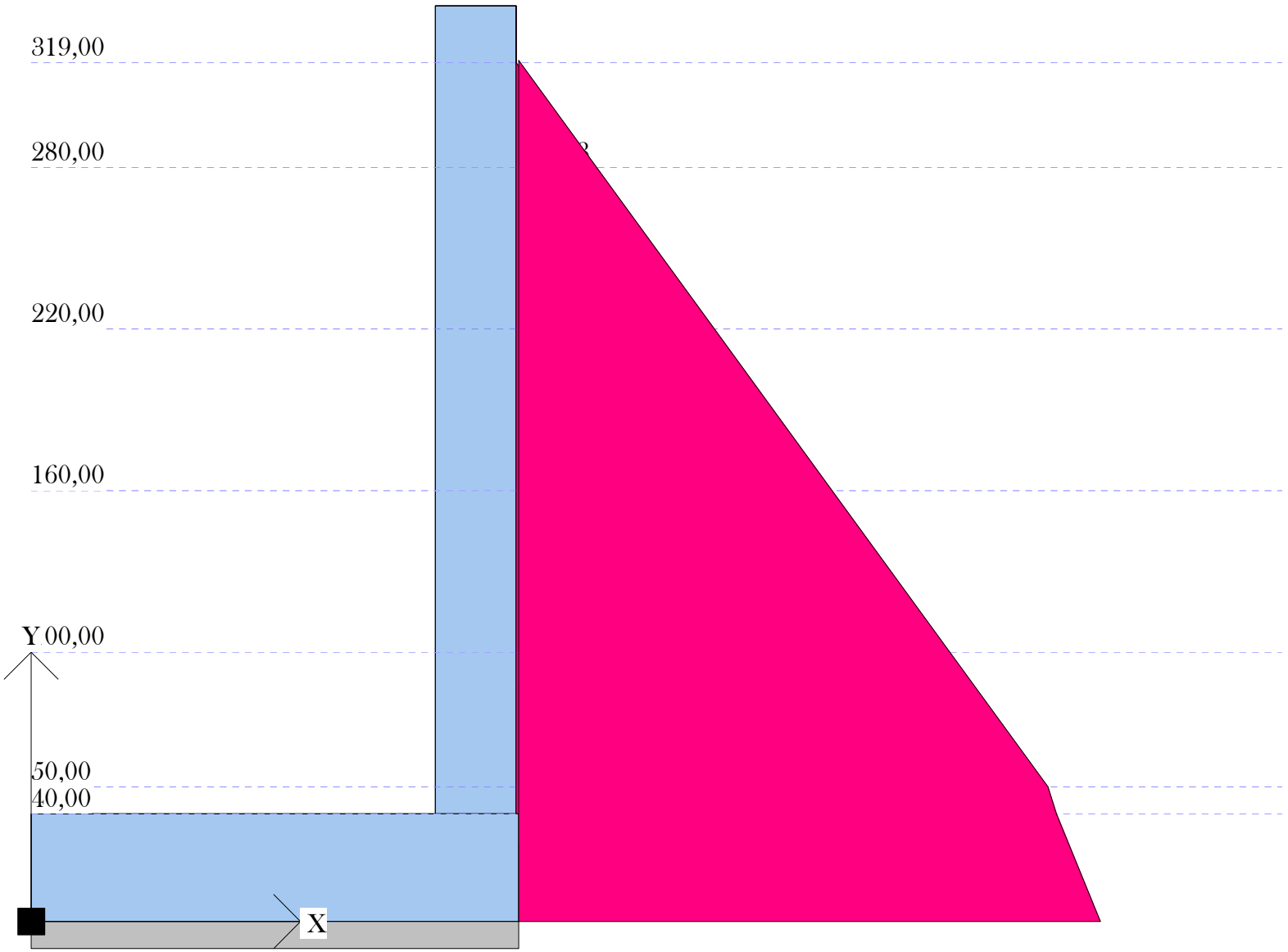


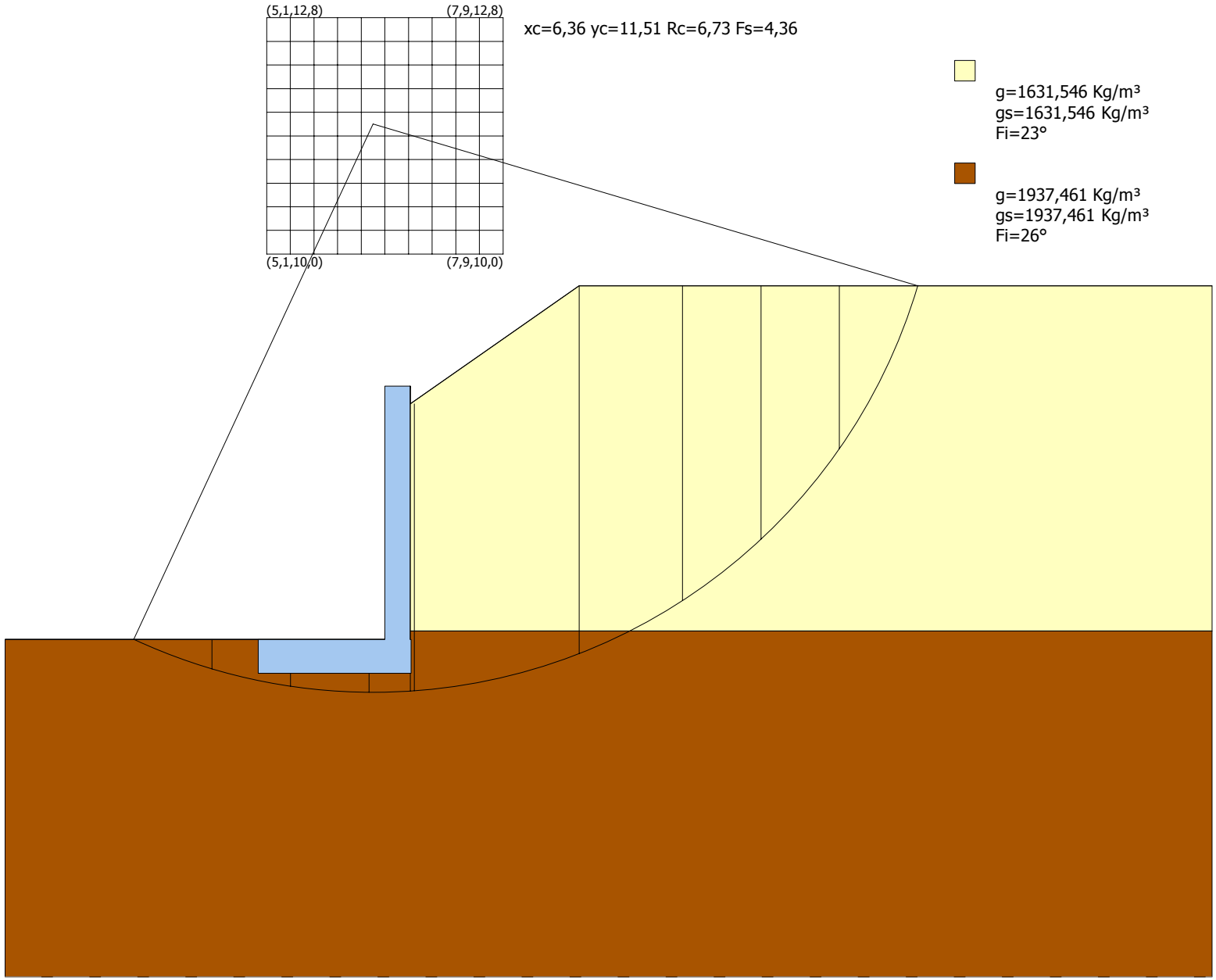
PRESSIONI IN FONDAZIONE

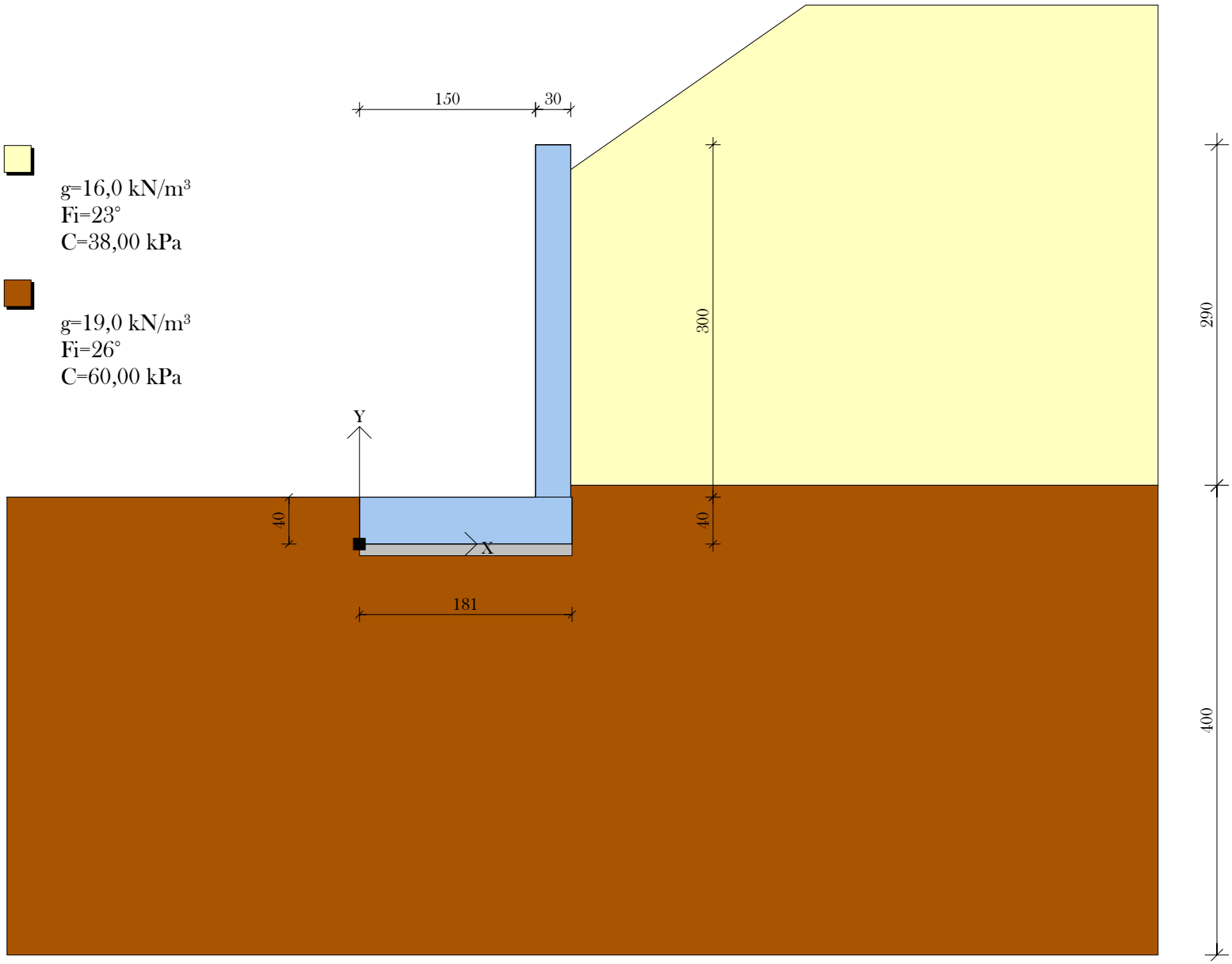



* Pressioni dinamiche kPa
319,00
280,00
220,00
160,00
100,00
50,00
40,00
0,51
Y
X

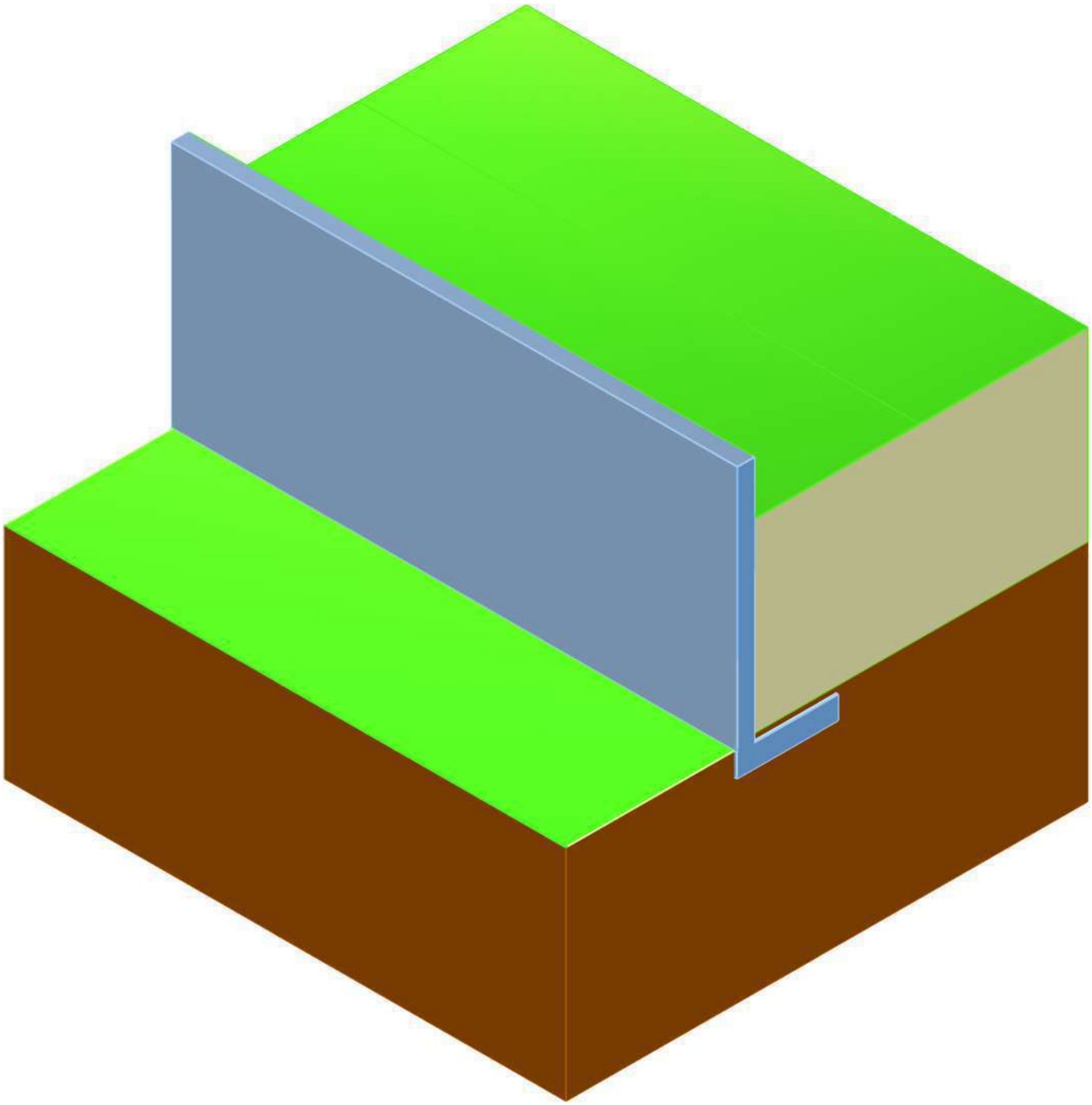
* Pressioni terreno kPa




(5,1,12,8)
(7,9,12,8)
xc=6,36 yc=11,51 Rc=6,73 Fs=4,36
g=1631,546 Kg/m³
gs=1631,546 Kg/m³
Fi=23°
g=1937,461 Kg/m³
gs=1937,461 Kg/m³
Fi=26°
(5,1,10,0)
(7,9,10,0)


g=16,0 kN/m3
Fi=23°
C=38,00 kPa
g=19,0 kN/m3
Fi=26°
C=60,00 kPa
150
30
300
290
Y
X
40
40
181
400

Muro C.A. h=440 cm



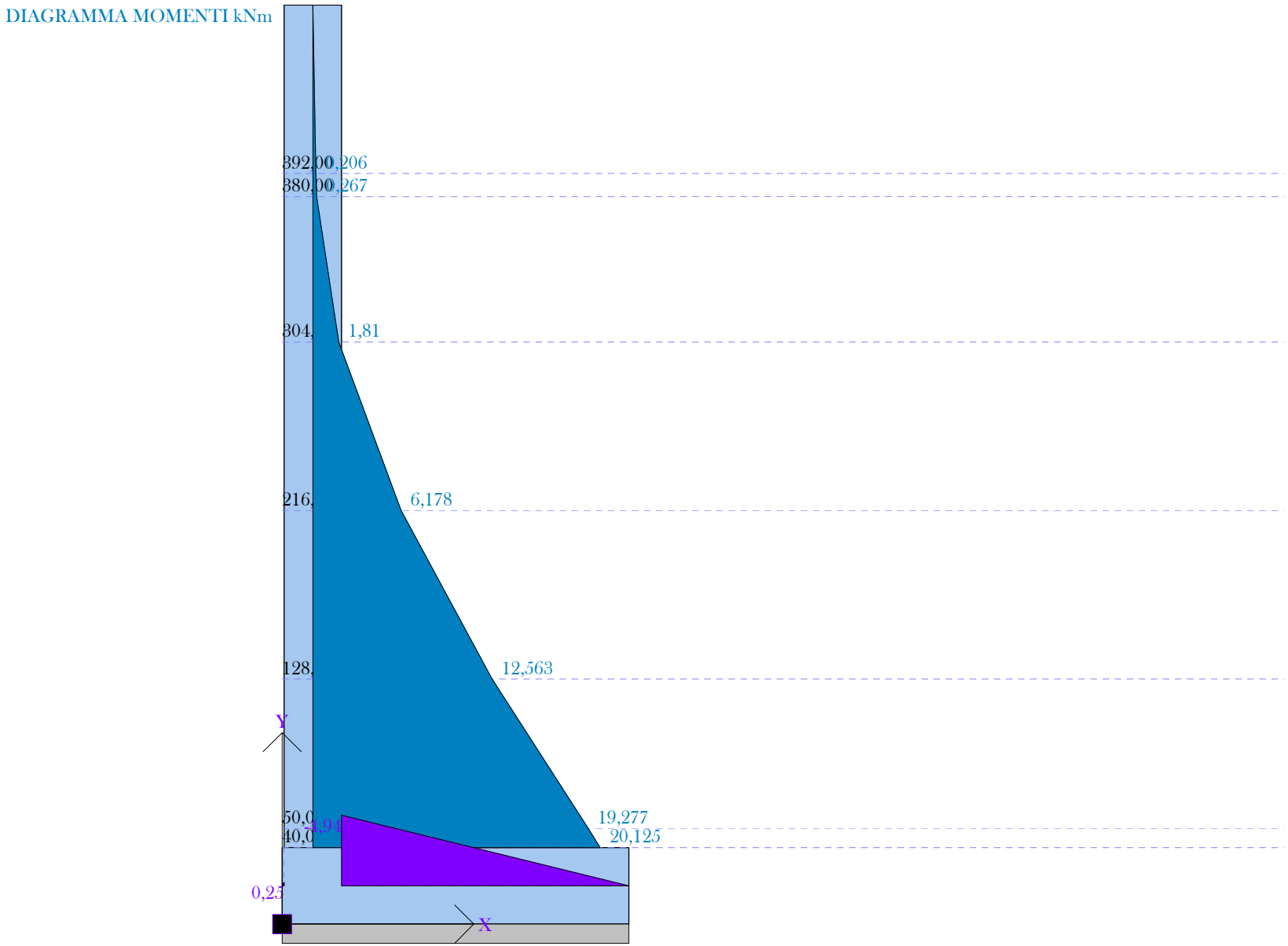
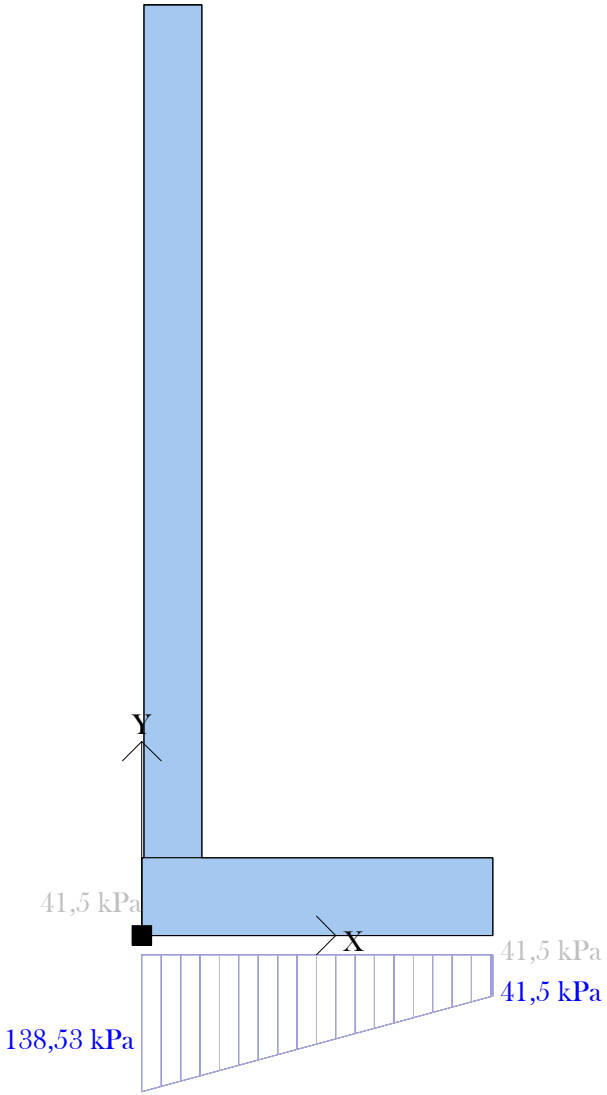
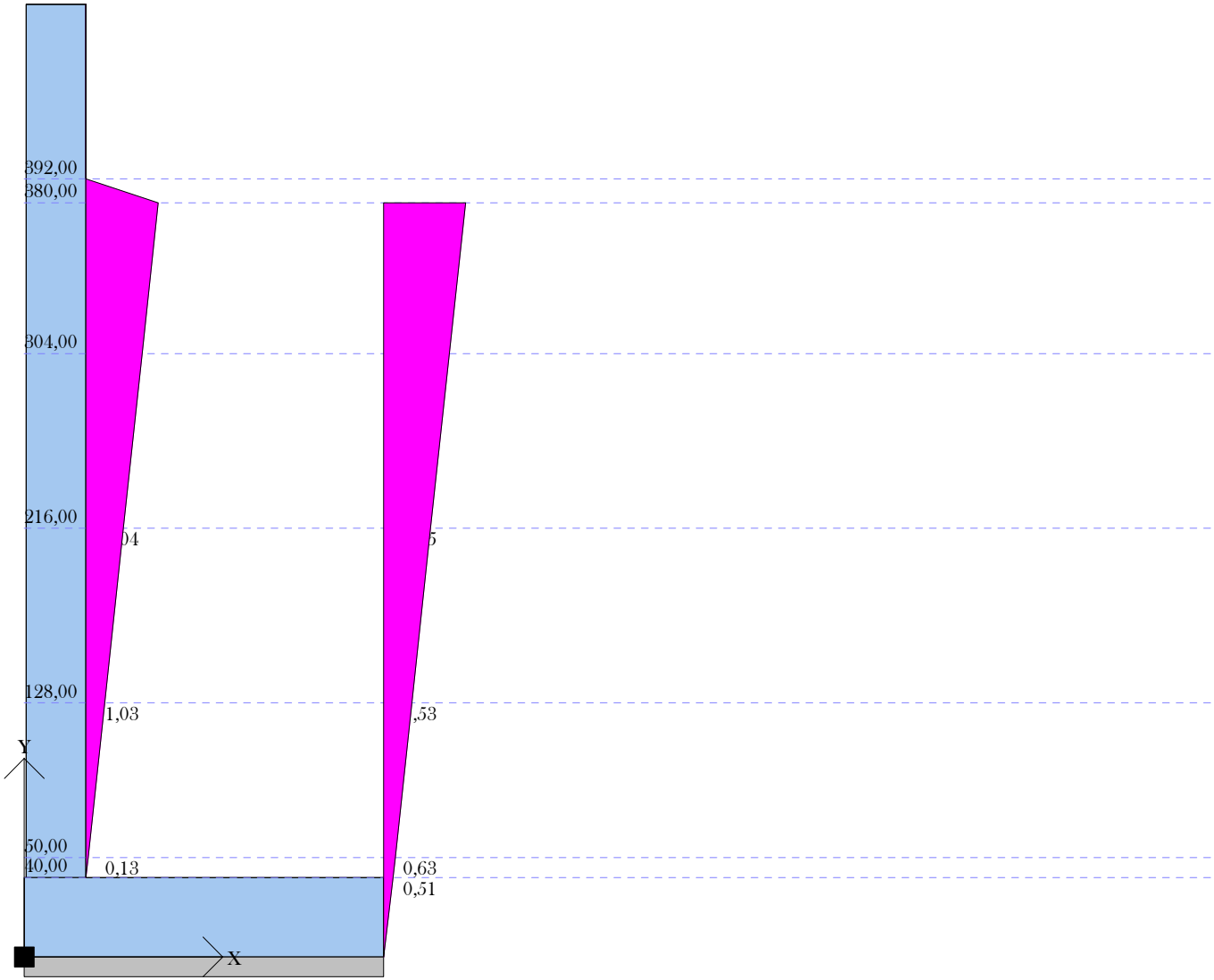


DIAGRAMMA MOMENTI kNm
392,00
,206
380,00
,267
304,
1,81
216,
6,178
128,
12,563
Y
50,0
40,0
19,277
20,125
0,25
X

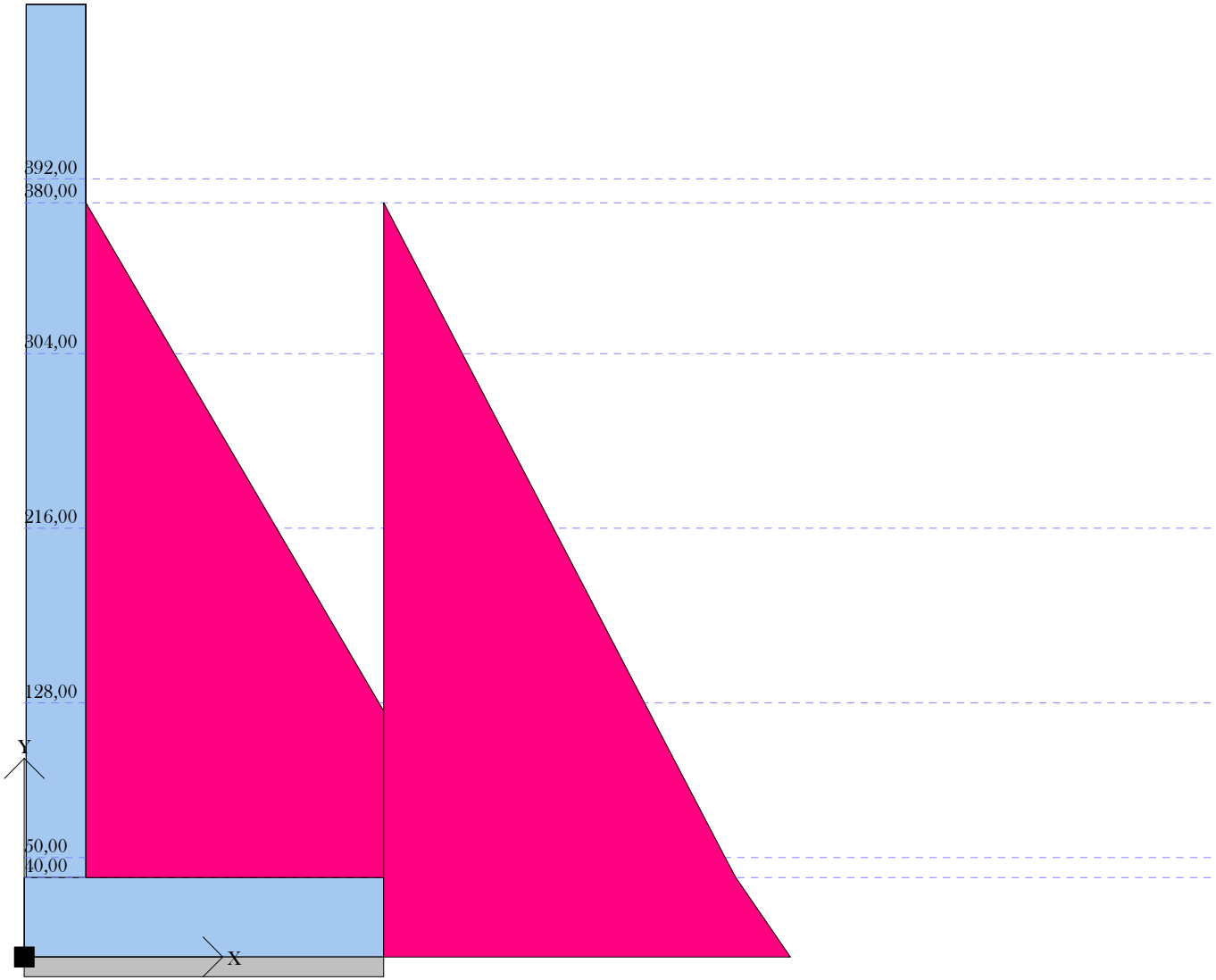
PRESSIONI IN FONDAZIONE

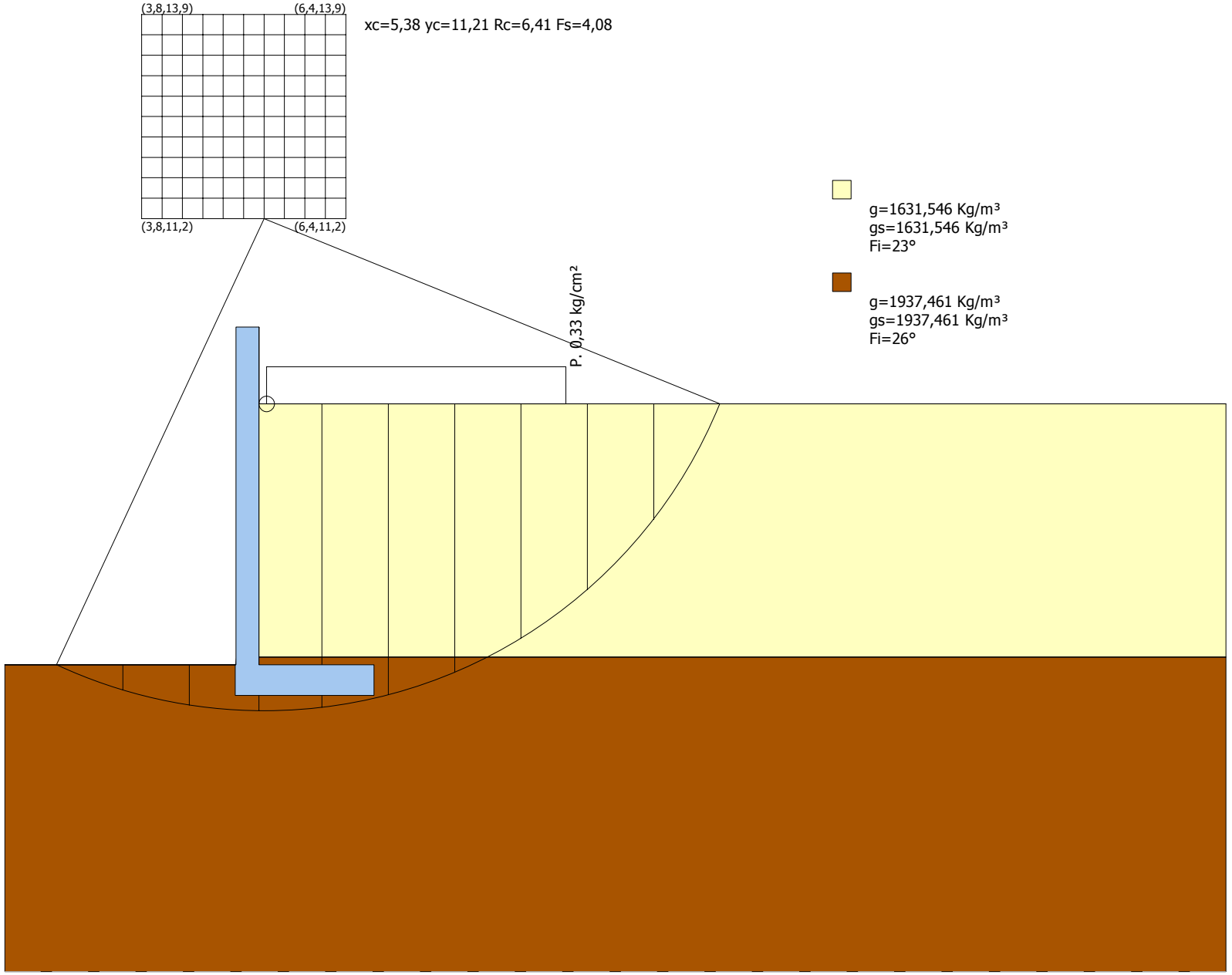


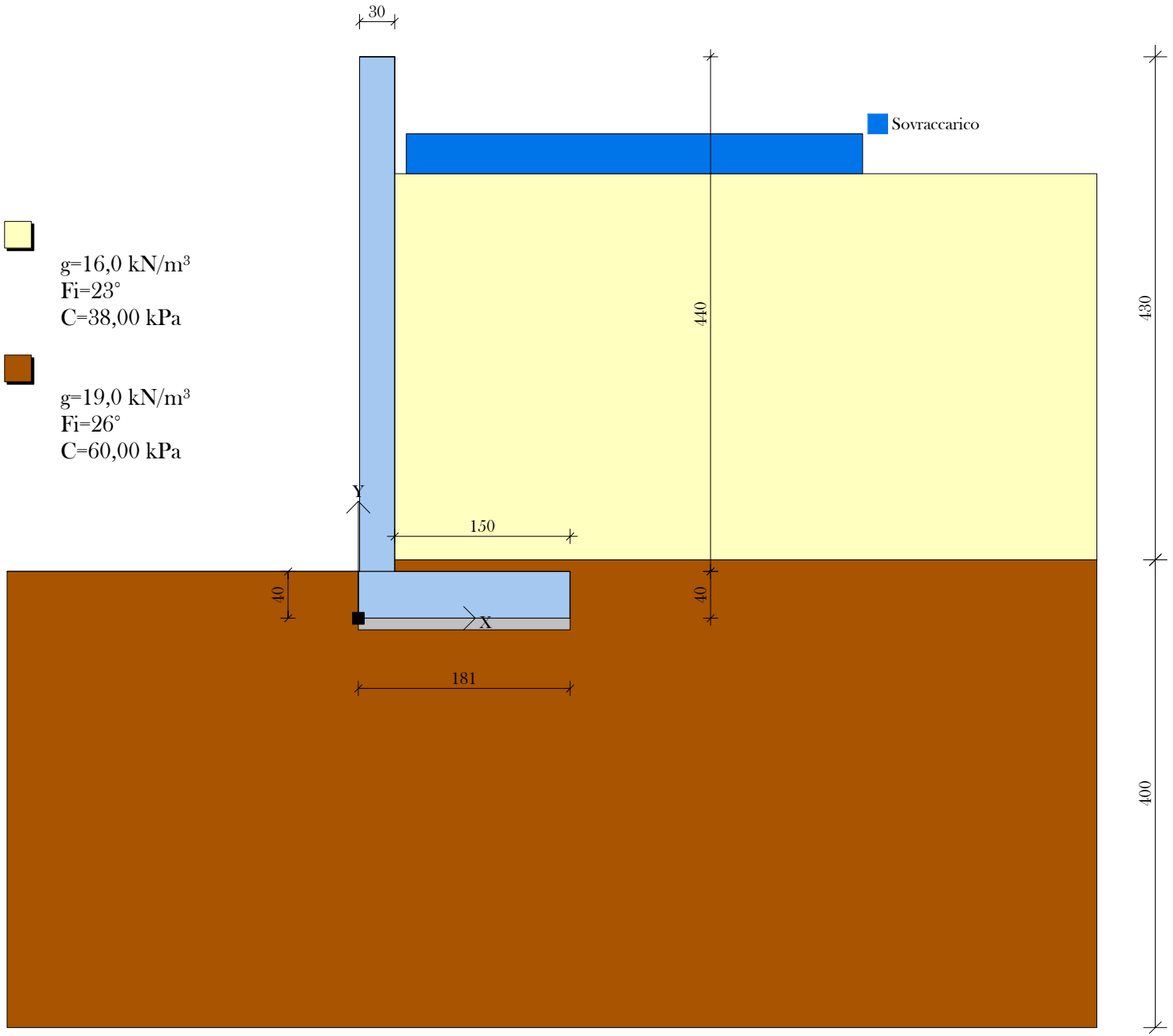
* Pressioni dinamiche kPa



* Pressioni terreno kPa




(3,8,13,9)
(6,4,13,9)
xc=5,38 yc=11,21 Rc=6,41 Fs=4,08
(3,8,11,2)
(6,4,11,2)
P. 0,33 kg/cm²
g=1631,546 Kg/m³
gs=1631,546 Kg/m³
Fi=23°
g=1937,461 Kg/m³
gs=1937,461 Kg/m³
Fi=26°


30
Sovraccarico
g=16,0 kN/m3
Fi=23°
C=38,00 kPa
g=19,0 kN/m3
Fi=26°
C=60,00 kPa
440
430
Y
150
40
40
X
181
400

Il progettista strutturale

Arch. Roberto Simonelli

Per presa visione*, il direttore dei lavori*

Arch. Roberto Simonelli

Per presa visione, *il collaudatore*

Da Nominare