CLAIMS

1. A formwork element ~~(10)~~ for a molded wall panel end, said formwork element ~~(10)~~ extending in a longitudinal direction ~~(A)~~ and comprising:

a sole plate ~~(12)~~ having a first lateral edge ~~(14),~~ a second lateral edge ~~(16),~~ an outer face ~~(18),~~ an inner face ~~(20)~~ bearing a caisson ~~(22),~~ said caisson ~~(22)~~ leaving free, on the inner face ~~(20)~~ of the sole plate ~~(12),~~ a first lateral zone ~~(30),~~ defined between the first lateral edge ~~(14)~~ and the caisson ~~(22),~~ and a second lateral zone ~~(32),~~ defined between the second lateral edge ~~(16)~~ and the caisson ~~(22);~~;

a form stripping assistance device ~~(40)~~ cooperating with the sole plate ~~(12);~~;

~~said formwork element being characterized in that~~wherein the form stripping assistance device includes at least one first sacrificial section ~~(42)~~ comprising a first sacrificial section first portion ~~(50)~~ disposed on the first lateral zone of the inner face ~~(20)~~ of the sole plate, the first sacrificial section first portion being comprised of a brittle material.

2. The formwork element according to claim 1, ~~characterized in that~~wherein the first sacrificial section ~~(42) also~~further includes a first sacrificial section second portion ~~(52)~~ disposed on the outer face of the sole plate.

3. The formwork element according to claim 2, ~~characterized in that~~wherein, considered in a direction transverse to the longitudinal direction, the width ~~(d1)~~ of the first sacrificial section first portion ~~(50)~~ is greater than one-third of the width ~~(l_1)~~ of the first lateral zone, preferably greater than half the width of the first lateral zone.

4. The formwork element according to claim 2 ~~or 3, characterized in that~~, wherein the first sacrificial section ~~also~~further includes a first sacrificial section third portion ~~(54)~~ disposed along the first lateral edge ~~(14),~~ the first sacrificial section third

portion being fastened to the first sacrificial section first and second portions of the first sacrificial section.

5. The formwork element according to claim 4, ~~characterized in that~~wherein the first ~~(50),~~sacrificial section first, second ~~(52)~~ and third ~~(54)~~ portions form a single ~~identical~~unitary part.

6. The formwork element according to ~~any one of the preceding claims, characterized in that~~claim 2, wherein, considered in a direction transverse to the longitudinal direction ~~(A),~~, the width ~~(d_2)~~ of the first sacrificial section second portion ~~(50)~~ is greater than one-third of the width of the sole plate.

7. The formwork element according to ~~any one of the preceding claims, characterized in that~~claim 1, wherein the first sacrificial section ~~(42) consists~~is comprised of a brittle material.

8. The formwork element according to claim 7, ~~characterized in that~~wherein the brittle material has a density comprised between 10 and 60 kg/m^3, preferably comprised between 15 and 45 kg/m^3.

9. The formwork element according to claim 7 ~~or 8, characterized in that~~, wherein the first ~~(70)~~ sacrificial section ~~(42)~~ is made of polystyrene.

10. The formwork element according to ~~any one of the preceding claims, characterized in that it also includes~~claim 1, further including a fastening device ~~(70)~~ for fastening the first sacrificial section to the sole plate.

11. The formwork element according to ~~any one of the preceding claims, characterized in that it also includes~~ claim 1, further including at least one second

sacrificial section ~~(44)~~ including a second sacrificial section first portion ~~(50')~~ disposed on the second lateral zone~~ (32).~~.

12. The formwork element according to claim 11, ~~characterized in that~~wherein the second sacrificial section ~~(44) also~~further includes a second sacrificial section second portion ~~(52')~~ disposed on the outer face ~~(18)~~ of the sole plate~~ (44).~~.

13. The formwork element according to ~~claims 2~~claim 12, wherein the first sacrificial section further includes a first sacrificial section second portion disposed on the outer face of the sole plate, and ~~12, characterized in that the second portions (52, 52')~~wherein the first sacrificial section second portion and the second sacrificial section second portion of the first and second sacrificial sections have two lateral sides~~ (52a, 52a'),~~, parallel to the longitudinal direction~~ (A),~~, the two lateral sides being distant from one another in a direction transverse to the longitudinal direction so as to create a longitudinal channel ~~(60)~~ between the first sacrificial section second ~~portions (52, 52')~~portion and the second sacrificial section second portion of the first and second sacrificial sections.

14. The formwork element according to claim 12~~ or 13, characterized in that~~, wherein the second sacrificial section ~~(44)~~ includes a second sacrificial section third portion ~~(54')~~ disposed along the second lateral edge~~ (16),~~, the second sacrificial section third portion being fastened to the second sacrificial section first and second portions of the second sacrificial section.

15. The formwork element according to ~~any one of the preceding claims, characterized in that~~claim 1, wherein the form stripping assistance device ~~(10)~~ includes a plurality of first sacrificial sections ~~(42)~~ disposed in the longitudinal direction~~ (A).~~ .

16. A formwork system including:

-a formwork element ~~according to any one of the preceding claims,~~for a molded wall panel end, said formwork
element extending in a longitudinal direction and comprising:
a sole plate having a first lateral edge, a second lateral edge, an
outer face, an inner face bearing a caisson, said caisson leaving free, on the inner face of the sole plate, a first lateral zone, defined between the first lateral edge and the caisson, and a second lateral zone, defined between the second lateral edge and the caisson;

a form stripping assistance device cooperating with the sole plate;

wherein the form stripping assistance device includes at least one first sacrificial section comprising a first sacrificial section portion disposed on the first lateral zone of the inner face of the sole plate, the first sacrificial section portion being comprised of a brittle material; and

-a form stripping device including at least one first form stripping hand ~~(120)~~ configured to be moved longitudinally along the first lateral zone ~~(30)~~ of the inner face of the sole plate ~~(12)~~ so as to break at least the first sacrificial section portion of the first sacrificial section ~~(42, 42')~~..

17. A form stripping method of a formwork element ~~according to any one of claims 1 to 15~~comprising:

-providing a formwork element for a molded wall panel end, said formwork element extending in a longitudinal direction and comprising:

a sole plate having a first lateral edge, a second lateral edge, an outer face, an inner face bearing a caisson, said caisson leaving free, on the inner face of the sole plate, a first lateral zone, defined between the first lateral edge and the caisson, and a second lateral zone, defined between the second lateral edge and the caisson;

a form stripping assistance device cooperating with the sole plate;

wherein the form stripping assistance device includes at least one first sacrificial section comprising a first sacrificial section first portion disposed on the first lateral zone of the inner face of the sole plate, the first sacrificial section portion being ~~placed~~comprised of a brittle material, the first sacrificial section also including a first sacrificial section second portion

disposed on the outer face of the sole plate;

– placing said formwork element at the end of a trench filled with concrete, ~~method in which~~

– moving a form stripping hand ~~is moved~~ along the length of the sole plate so that the form stripping hand breaks at least the first sacrificial section first portion of the first sacrificial section, ~~then~~and

– withdrawing the formwork element ~~is withdrawn~~ from the trench.

18. A method for creating a molded wall ~~(100)~~ in the ground ~~(S),~~, comprising the following steps:

– providing a formwork element for a molded wall panel end, said formwork element extending in a longitudinal direction and comprising:

a sole plate having a first lateral edge, a second lateral edge, an outer face, an inner face bearing a caisson, said caisson leaving free, on the inner face of the sole plate, a first lateral zone, defined between the first lateral edge and the caisson, and a second lateral zone, defined between the second lateral edge and the caisson;

a form stripping assistance device cooperating with the sole plate;

wherein the form stripping assistance device includes at least one first sacrificial section comprising a first sacrificial section first portion disposed on the first lateral zone of the inner face of the sole plate, the first sacrificial section first portion being comprised of a brittle material, the first sacrificial section also including a first sacrificial section second portion disposed on the outer face of the sole plate;

- digging a first vertical trench of rectangular cross section ~~is dug~~ in the ground, the first trench having a first longitudinal end;

- ~~a formwork element according to any one of claims 1 to 15 is placed~~placing said framework element in the first trench, in proximity to the longitudinal end~~, the first sacrificial section also including a second portion disposed on the outer face of the sole plate~~;

- filling the first trench ~~is filled~~ with concrete so as to form a first concrete panel;

- after the hardening of the first concrete panel, digging a second trench ~~is dug~~ adjacent to the first trench, while cutting away the first sacrificial section second portion of the first sacrificial element;

- moving a first form stripping hand ~~is moved~~ vertically within the thickness of the first sacrificial section first portion so as to break said first sacrificial section first portion;

- withdrawing the formwork element ~~is withdrawn~~ from the first trench;

- filling the second trench ~~is filled~~ with concrete so as to form a second concrete panel.