

Technical drawing of a rectangular frame structure. The drawing shows a central rectangle with a smaller inner rectangle. Dimensions and material specifications are provided for various parts of the frame.

Top Section:

- Top edge: $30 \times 25 \times 55 \times 55$ (top), $\Delta 2: 25/120$ (center), $55 \times 25 \times 30 \times 30 \times 25 \times 55$ (bottom), $3 \phi 18 + 9 \phi 16$ (bottom).
- Top corners: $4 \phi 20$ (outer), $4 \phi 20$ (inner).
- Top center: $19 \phi 10/15(\Sigma) - \text{ПАР: } 6 \phi 16$.

Right Section:

- Right edge: $30 \phi 10/15(\Sigma) - \text{ПАР: } 6 \phi 16$.
- Right corners: $4 \phi 20$ (outer), $4 \phi 20$ (inner).
- Right center: $\phi 12/15$ a/k.

Bottom Section:

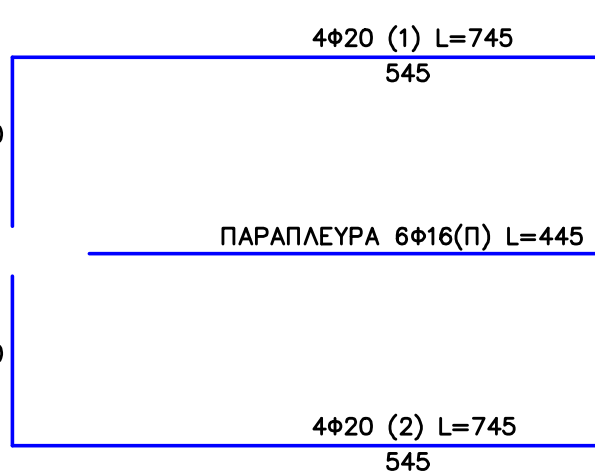
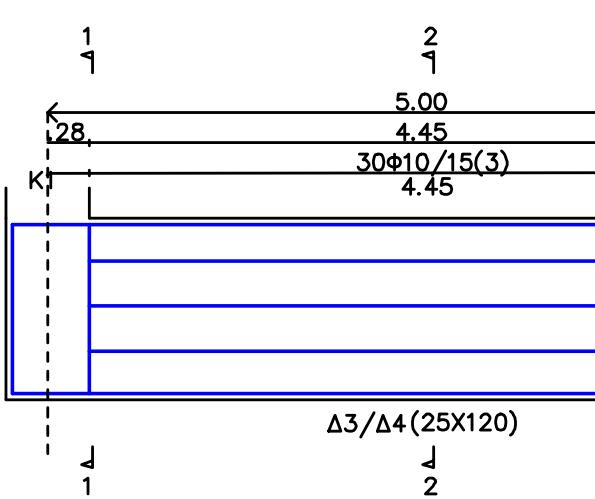
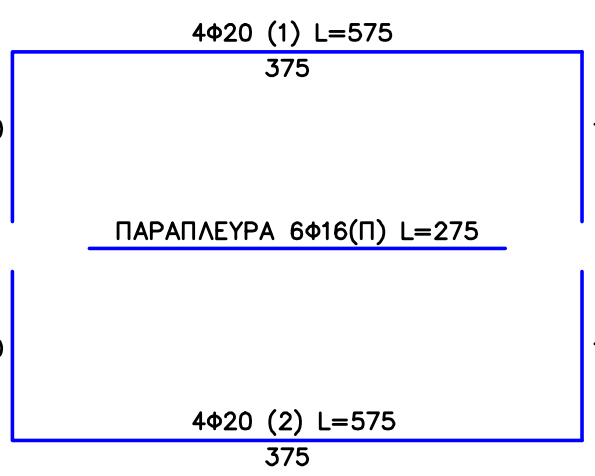
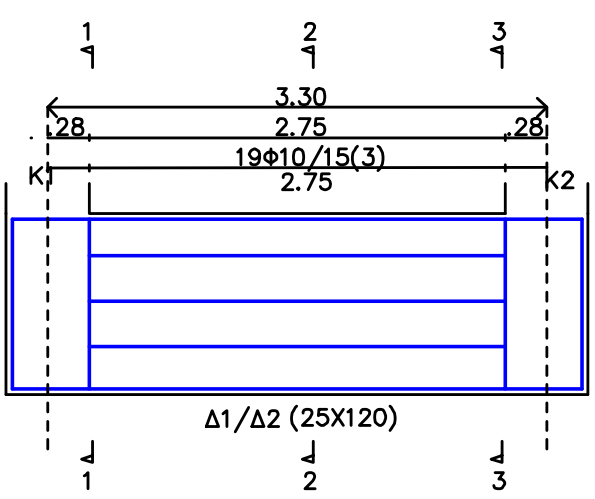
- Bottom edge: $30 \times 30 \times 25 \times 55$ (top), $25 \times 30 \times 30 \times 25 \times 55 \times 55$ (bottom), $3 \phi 18 + 9 \phi 16$ (bottom).
- Bottom corners: $4 \phi 20$ (outer), $4 \phi 20$ (inner).
- Bottom center: $19 \phi 10/15(\Sigma) - \text{ПАР: } 6 \phi 16$.

Left Section:

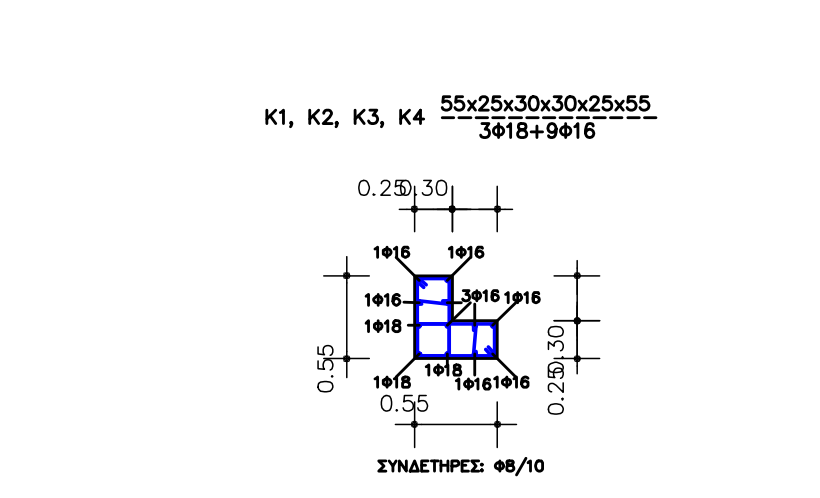
- Left edge: $30 \phi 10/15(\Sigma) - \text{ПАР: } 6 \phi 16$.
- Left corners: $4 \phi 20$ (outer), $4 \phi 20$ (inner).
- Left center: $\phi 12/15$ a/k.

Internal Dimensions and Details:

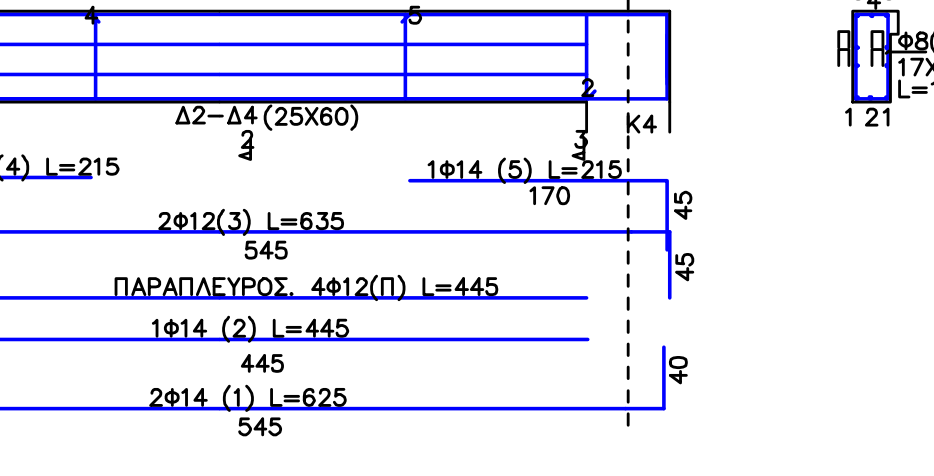
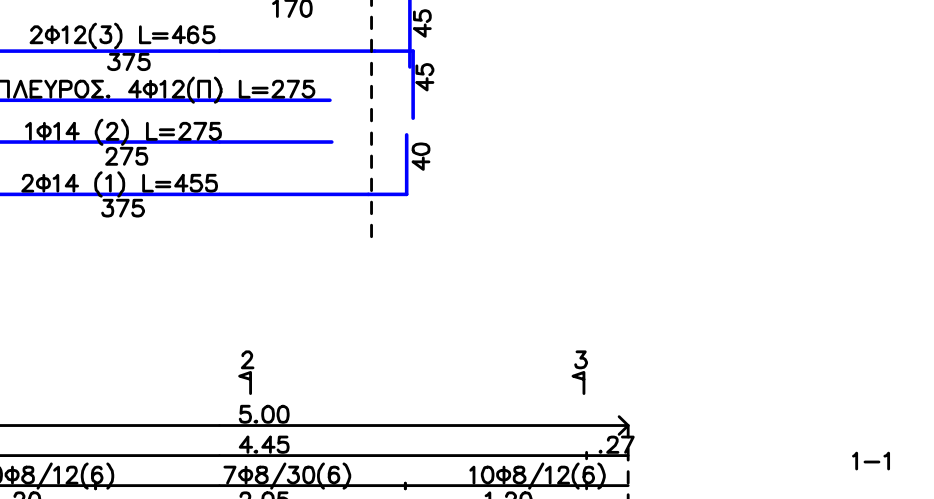
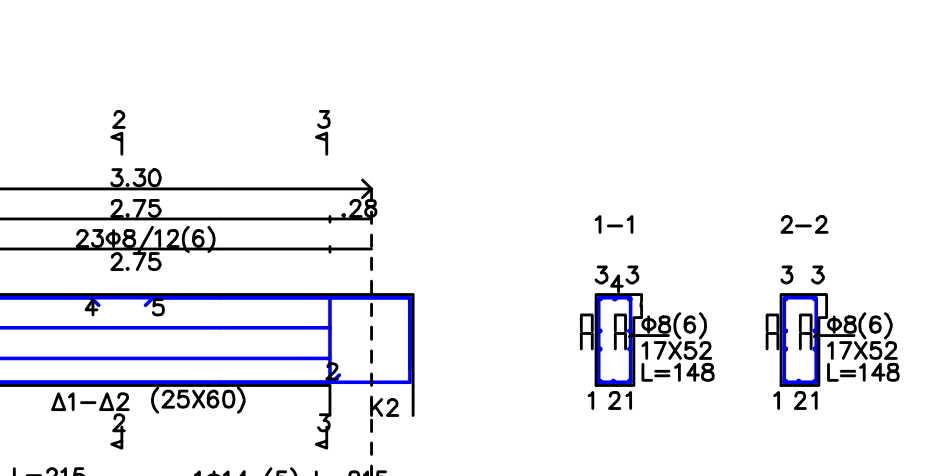
- Inner rectangle: $d=50$ (width), $d=50$ (height).
- Inner corners: $\phi 12/15$ a/k.
- Inner center: $\phi 10/15$ a/k.
- Inner edge: $\phi 10/15$ a/k.
- Inner corner: $\phi 12/15$ a/k.
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- Inner edge: $\phi 12/15$ a/k.
- Inner corner: $\phi 10/15$ a/k.
- Inner center: <



Technical drawing of a square foundation with a central pier. The drawing shows a square layout with dimensions and reinforcement details. The outer square has a side length of 5.55m. The inner square, defined by reinforcement, has a side length of 3.85m. A central pier is shown with a diameter of 200mm. Reinforcement details include top and bottom bars (4x20), vertical and horizontal bars (19x10/15), and stirrups (30x10/15). The drawing is labeled with 'K4' and 'K2' at the corners.



Technical drawing of a rectangular frame assembly, showing dimensions and labels. The drawing includes a central circular feature labeled "П1" with a diameter of 20. The frame is composed of several rectangular sections, with dimensions and labels indicating the size and position of the components. The overall dimensions are 55x25x30x30x25x55 (K1) and 25x30x30x25x55x55 (K2). The drawing also shows a central circular feature labeled "П1" with a diameter of 20. The frame is composed of several rectangular sections, with dimensions and labels indicating the size and position of the components. The overall dimensions are 55x25x30x30x25x55 (K1) and 25x30x30x25x55x55 (K2).



<u>ΠΑΡΑΔΟΧΕΣ ΤΩΝ ΥΠΟΛΟΓΙΣΜΩΝ</u>		
I. ΥΛΙΚΑ ΚΑΤΑΣΚΕΥΗΣ		
Οπλισμένο σκυρόδεμα: Φορέας		C25/30
Αοπλο σκυρόδεμα: Εξομάλυνσης		C8/10
Χάλυβας σκυροδέματος, γενικά:		B500C
II. ΦΟΡΤΙΑ		
Ιδίο βάρος οπλισμένου σκυροδέματος		25.0 kN/m ³
Ιδίο βάρος άοπλου σκυροδέματος		24.0 kN/m ³
Ιδίο βάρος χάλυβα		78.5 kN/m ³
Ιδίο βάρος γαλβάν		20.0 kN/m ³
Ειδικό βάρος λυμάτων και λάσπης		10.5 kN/m ³
Ιδίο βάρος στέγης		2.50 kN/m ²
Επικάλυψη δαπέδων		1.50 kN/m ²
Τοίχοι δρομικοί		2.10 kN/m ²
Τοίχοι μπαταίοι		3.60 kN/m ²
Κινητό δαπέδων ισογείου		10.00 kN/m ²
Κινητό στέγης		2.50 kN/m ²
Κινητό επί του επιχώματος		10.00 kN/m ²
III. ΣΕΙΣΜΙΚΗ ΦΟΡΤΙΣΗ		
Ζώνη σεισμικής επικινδυνότητας		I (a=0.16)
Κατηγορία εδάφους		B
Συντελεστής σπουδαιότητας		γ=1.00 (II)
Δείκτης μεταλαστικής συμπεριφοράς		q=3.00
Συντελεστής εδάφους		S = 1.20
Χαρακτηριστική περίοδος T _s		0.15
Χαρακτηριστική περίοδος T _c		0.50
IV ΧΑΡΑΚΤΗΡΙΣΤΙΚΑ ΕΔΑΦΟΥΣ		
Επιτρεπόμενη τάση εδάφους		σ _{ep} . = 150 kN/m ²
V ΕΠΙΚΑΛΥΨΕΙΣ ΟΠΛΙΣΜΩΝ		
Γενικά		40mm
Επιφάνειες σε επαφή με το έδαφος		50mm
VI ΚΑΝΟΝΙΣΜΟΙ		
ΕΛΟΤ ΕΝ 1990:2002/A1:2005/AC:2010 Ευρωκώδικας - Βάσεις σχεδιασμού δομημάτων		
Ευρωκώδικας 1, Βάσεις σχεδιασμού και δράσεων στις κατασκευές		
ΕΛΟΤ ΕΝ 1991-1-1(έως 5) Μέρη 1-1, 1-2, 1-3, 1-4 & 1-5		
Ευρωκώδικας 2, Σχεδιασμός κατασκευών από σκυρόδεμα		
ΕΛΟΤ ΕΝ 1992-1-1 Μέρος 1-1		
Ευρωκώδικας 3, Σχεδιασμός κατασκευών από χάλυβα		
ΕΛΟΤ ΕΝ 1993-1-1(έως2) Μέρη 1-1 & 1-2		
Ευρωκώδικας 7, Γεωτεχνικός σχεδιασμός		
ΕΛΟΤ ΕΝ 1997-1 Μέρος 1		
Ευρωκώδικας 8, Αντισεισμικός σχεδιασμός των κατασκευών		
ΕΛΟΤ ΕΝ 1998-1 Μέρος 1		
Κανονισμός Τεχνολογίας Σκυροδέματος (ΚΤΣ/2016)		
Κανονισμός Τεχνολογίας Χαλύβων (ΚΤΧ/2008)		
ΕΑΚ/2000 και τροποποιήσεις έως και 2010		
ΕΚΩΣ/2000 και τροποποιήσεις έως και 2010		

ΔΕΥΑΟ

ΔΗΜΟΤΙΚΗ ΕΠΙΧΕΙΡΗΣΗ ΥΔΡΕΥΣΗΣ

ΑΠΟΧΕΤΕΥΣΗΣ ΟΡΕΣΤΙΑΔΑΣ

ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ

ΝΟΜΟΣ ΕΒΡΟΥ

ΔΗΜΟΤΙΚΗ ΕΠΙΧΕΙΡΗΣΗ ΥΔΡΕΥΣΗΣ ΑΠΟΧΕΤΕΥΣΗΣ ΟΡΕΣΤΙΑΔΑΣ

(Δ.Ε.Υ.Α.Ο.)

ΕΡΓΟ:

ΚΑΤΑΣΚΕΥΗ ΔΙΚΤΥΩΝ

ΑΠΟΧΕΤΕΥΣΗΣ ΑΚΑΘΑΡΤΩΝ

ΓΙΑ ΤΗ ΔΗΜΟΤΙΚΗ ΚΟΙΝΟΤΗΤΑ ΝΕΑΣ ΒΥΣΣΑΣ

ΤΟΥ ΔΗΜΟΥ ΟΡΕΣΤΙΑΔΑΣ

ΜΕΛΕΤΗ ΑΝΤΛΙΟΣΤΑΣΙΩΝ

ΕΚΔΟΣΗ		ΘΕΜΑ:	ΑΝΤΛΙΟΣΤΑΣΙΟ Α1 ΞΥΛΟΤΥΠΟΙ - ΟΠΛΙΣΜΟΙ ΟΙΚΙΣΚΟΣ	ΑΡ. ΣΧΕΔΙΟΥ
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Γ				
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Α	2017			
Ε-148		ΚΛ.: 1:50		

ΣΥΝΤΑΧΘΗΚΕ

ΓΙΑ ΤΗΝ ΥΠΗΡΕΣΙΑ