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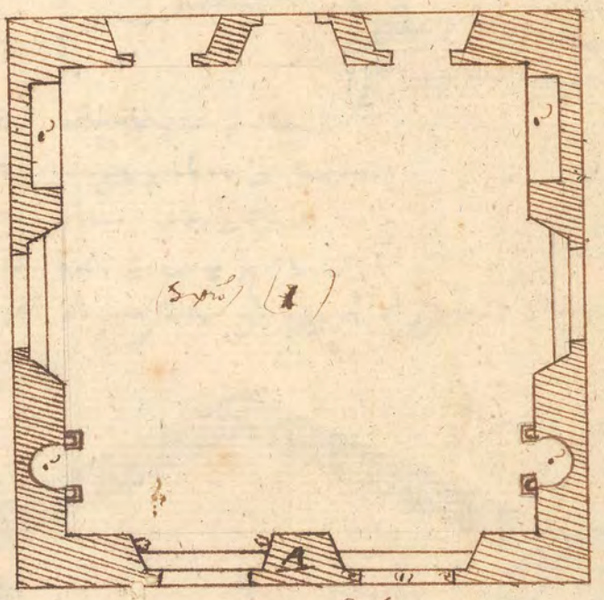
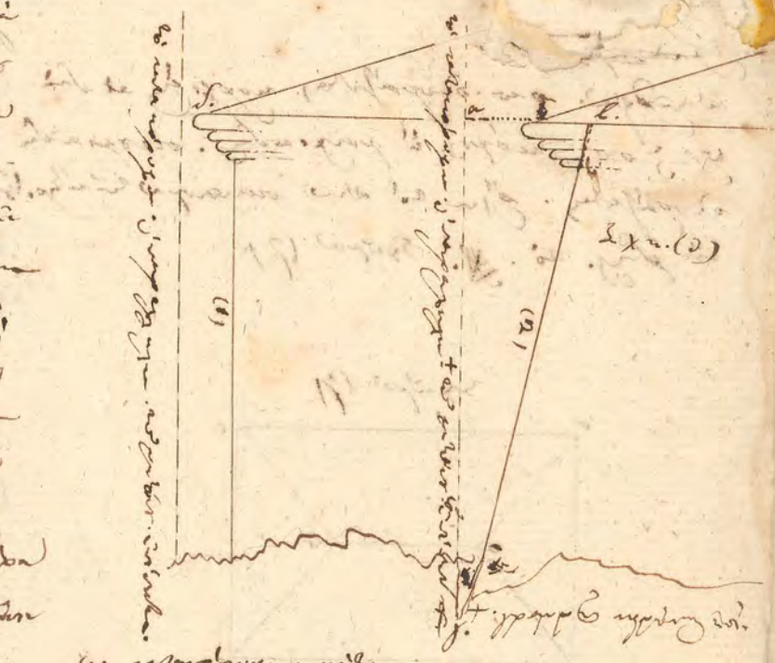
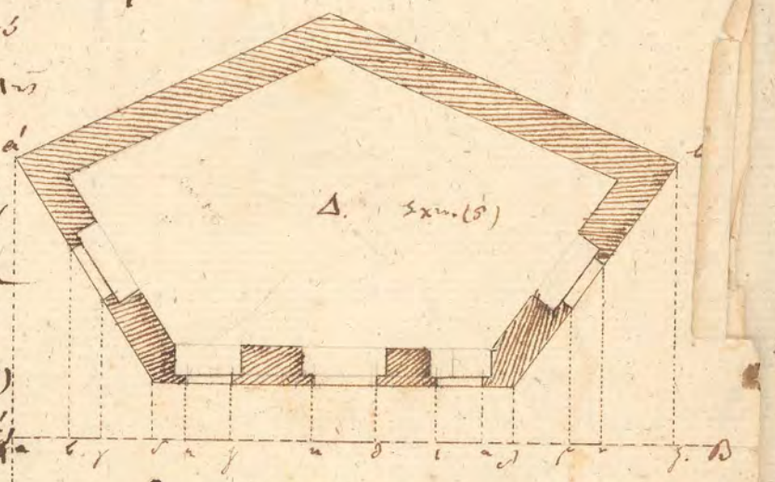
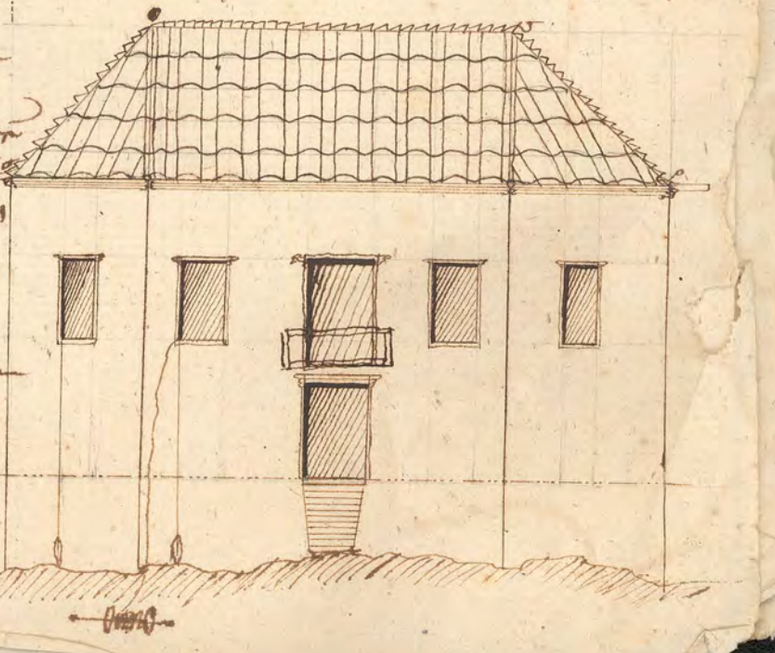


(1) [illegible]
(2) [illegible]
A. [illegible]
B. [illegible]
C. [illegible]

Εξ. (α)







[illegible]

[illegible]

[illegible] $\frac{1}{10}$ $\frac{1}{100}$ $\frac{1}{200}$ [illegible] [illegible] $\frac{1}{200}$ [illegible] $\frac{1}{100}$ [illegible]

[illegible]

Τὸ σύμπνευμα

[illegible]

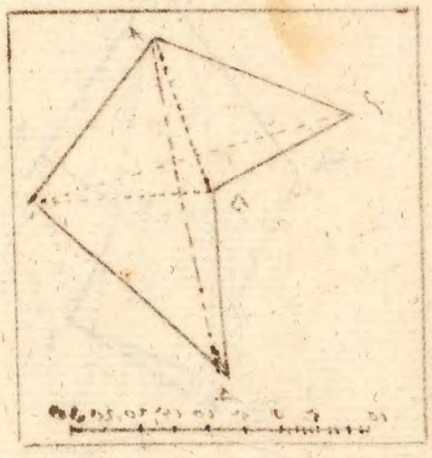
Τὶ σύμπνευμα καὶ τὸ ὑπόστασις τοῦ πνεύματος

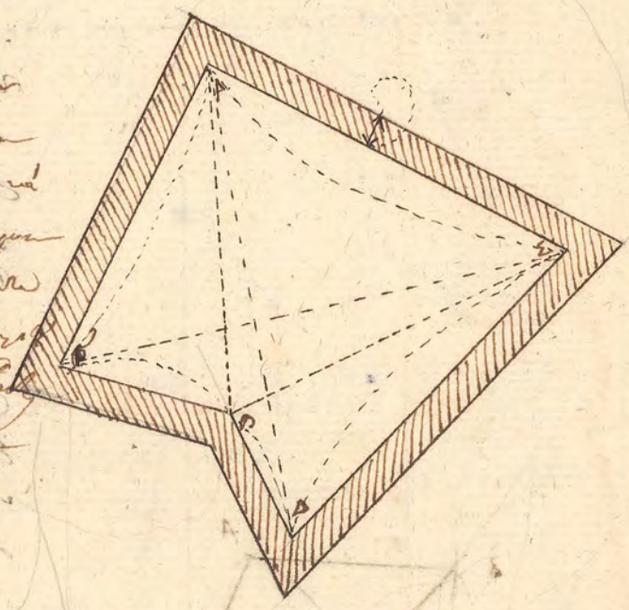
Ἐρωτᾶται πάλιν

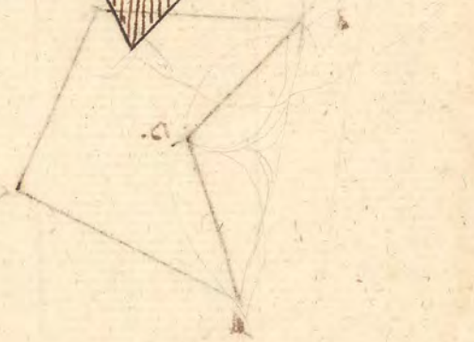
[illegible]

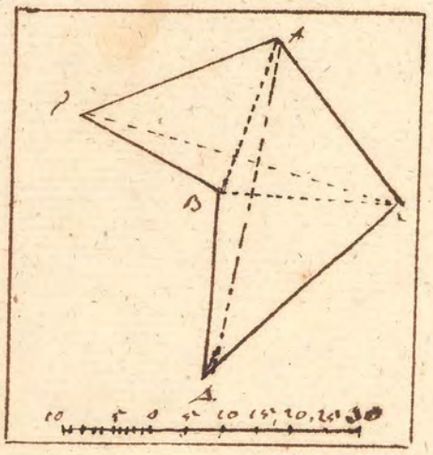
Ἀπόκρισις

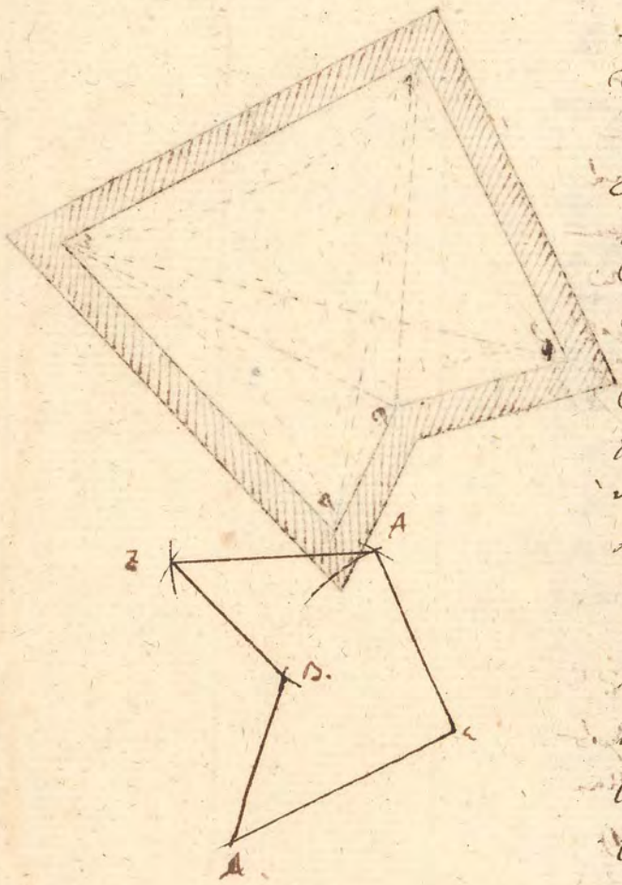
[illegible]

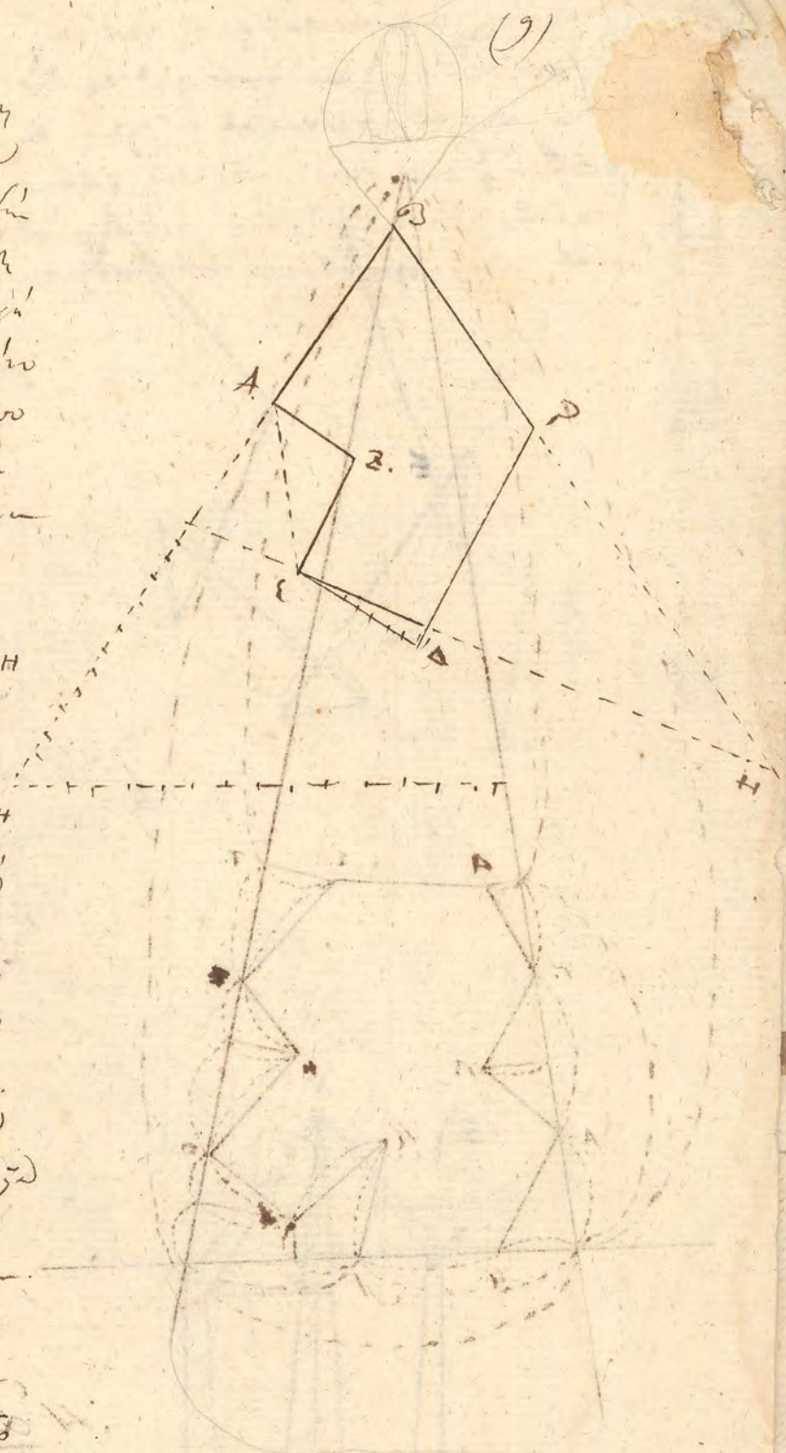




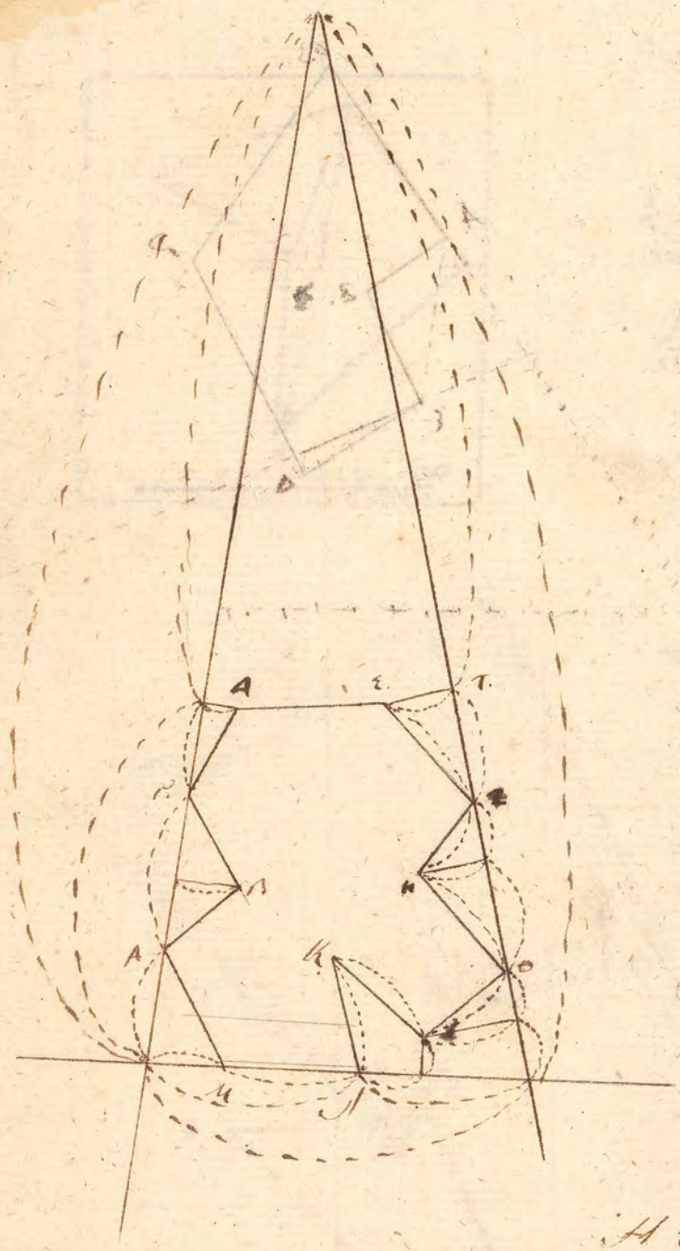



A
B
C
10 5 0 5 10 15 20 25 30


A
B
C
A



Μετὰ τὰ ἀπὸ τῶν ΔΗ ΔΕ ἴσα ἀφῃρήσθω τὰ ΔΕ τῷ ΔΗ



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Η δι' ἁρμονιῶν μέθοδος

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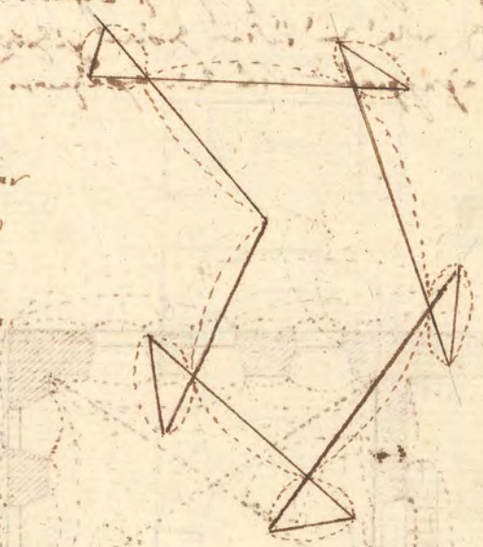
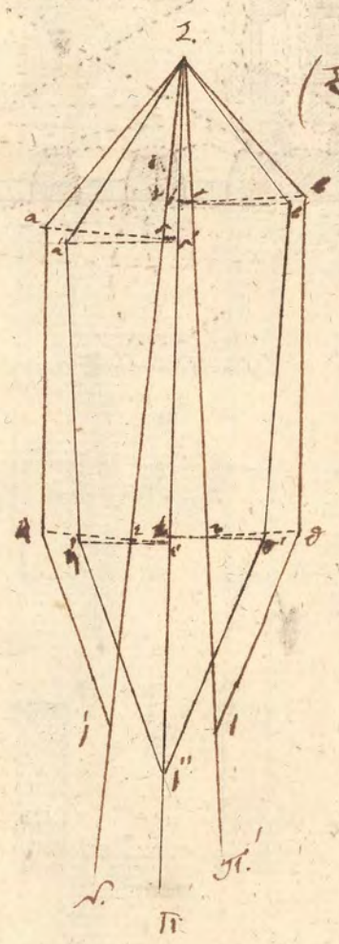
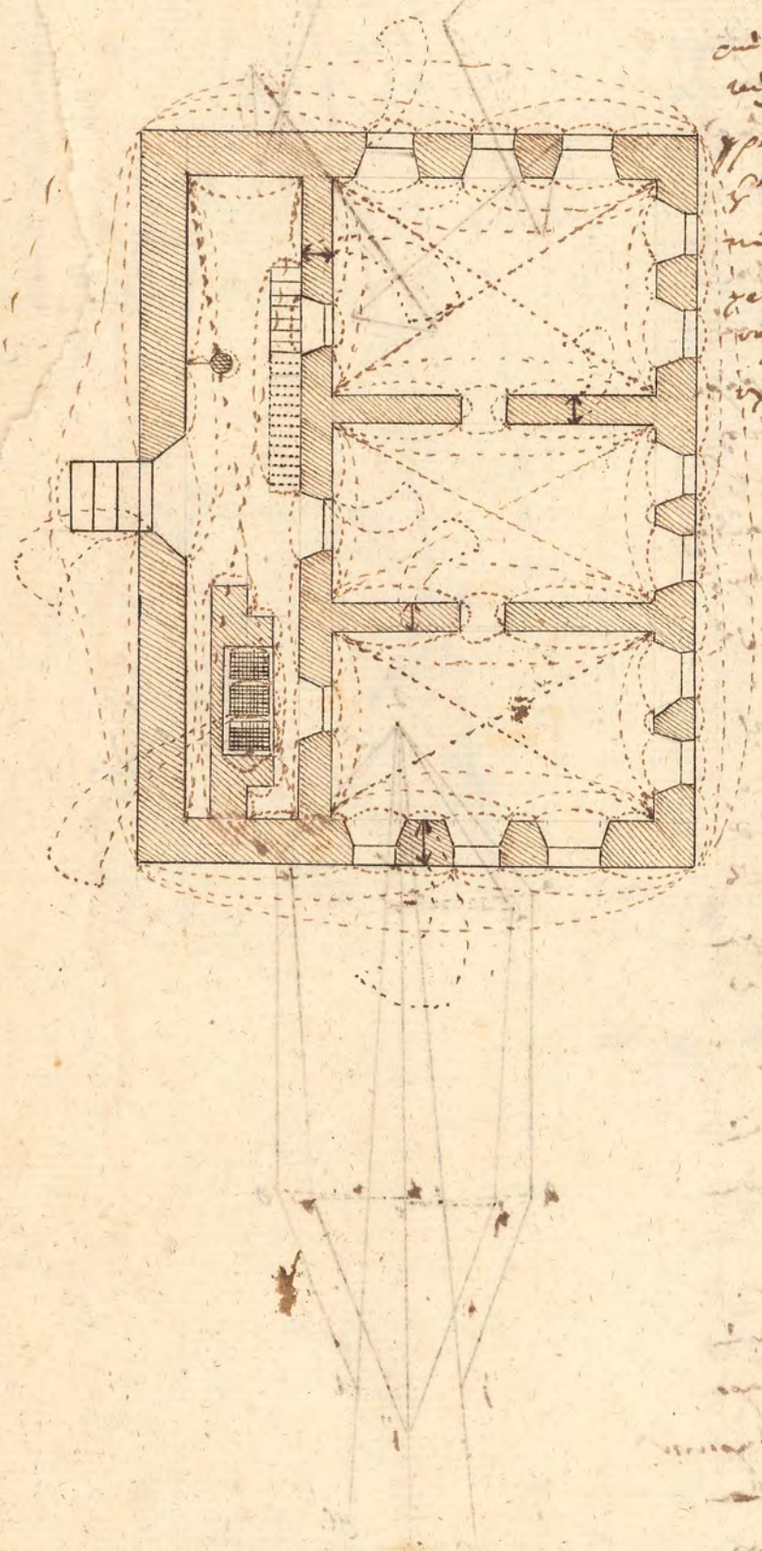


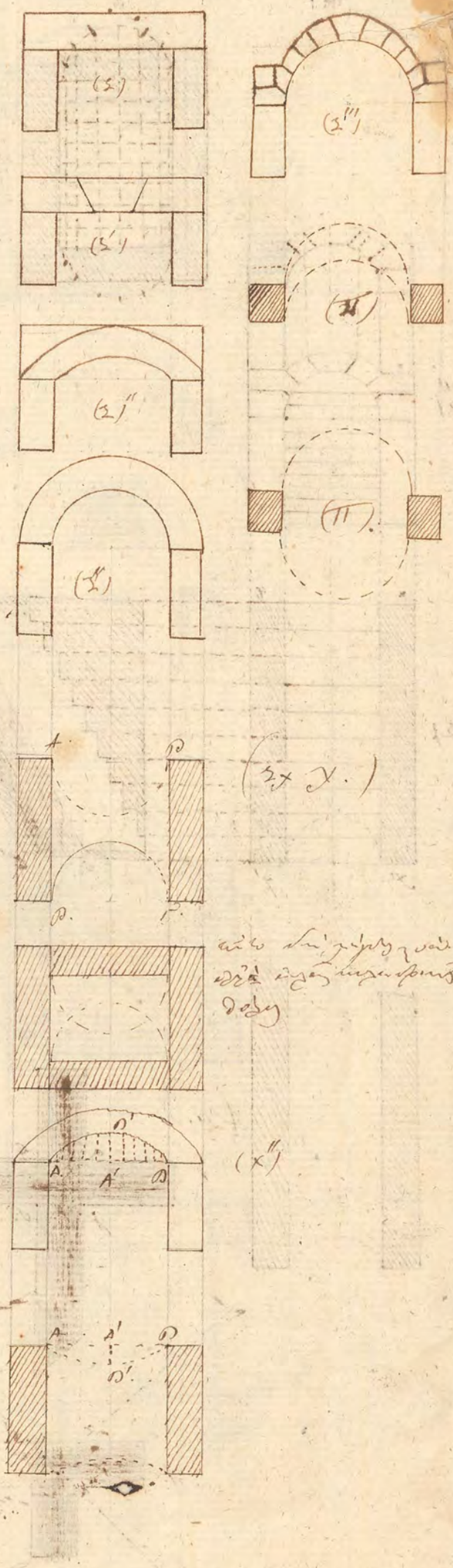


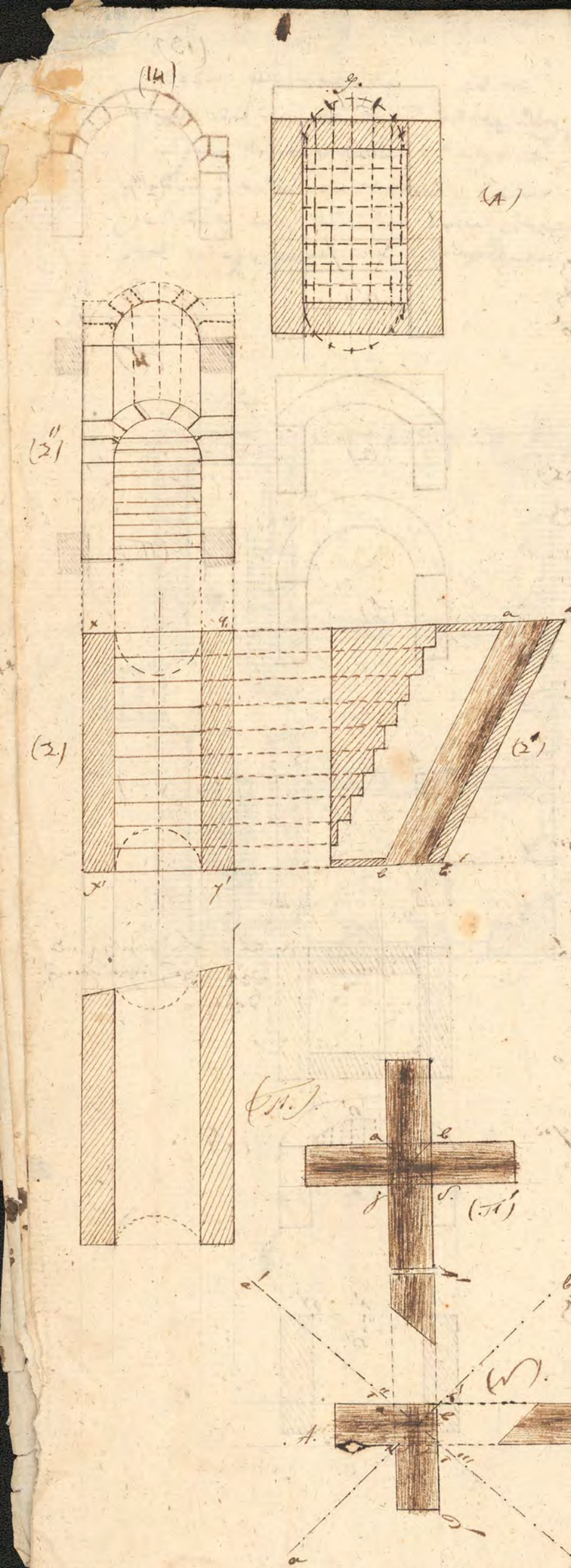
(Ex. 2.)



Περὶ θόλων καὶ γραμμῶν

[illegible]





[illegible]

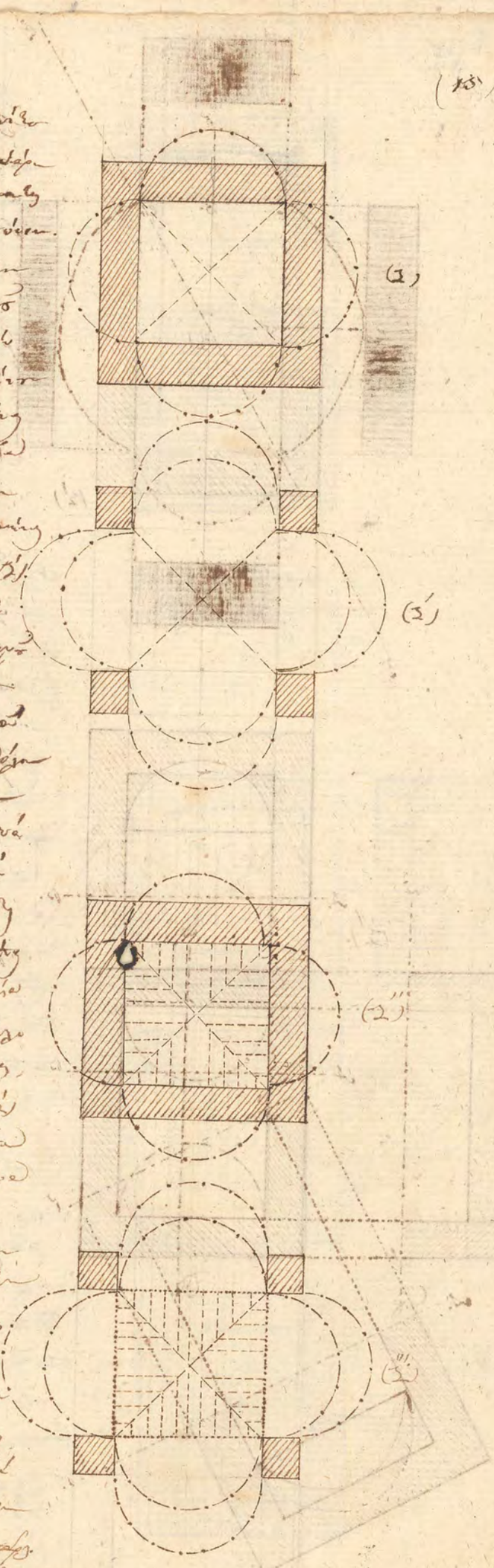
Σκαμμωτοι δόμοι.

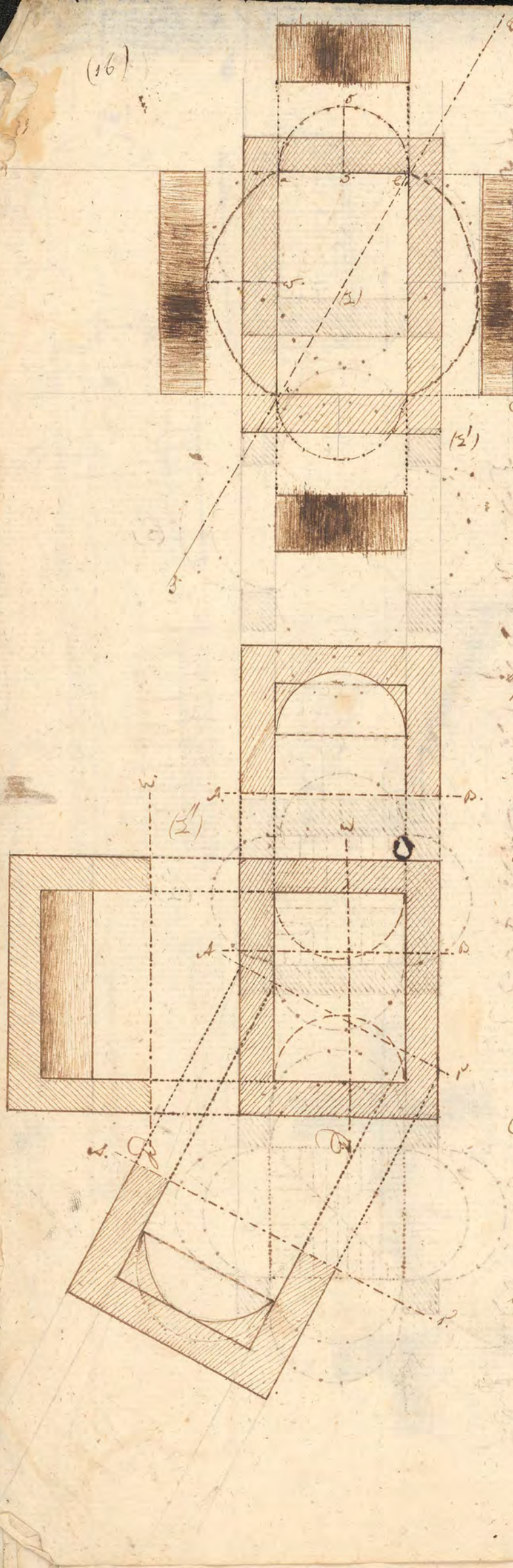
Οἱ κοινοὶ δόμοι μόνον τὸ ἀνώγειον ἔχουσιν σκάμμα. ἐπὶ τὸ κάτω μὴ σκάμμα. (2.) ἔστω ὅτι καὶ ἡ κάτω σκαμμάνη ἐν ὁ δόμος ἔχει καὶ ὑπόγειον, ἢ καὶ τὸ ὑπόγειον ἔχει ἐκεῖ καὶ κάτω μέρη τόπου. (2') ἢ ἐὰν θέλομεν κατεβάσειν (2'') αὐτὸν κατὰ (2') ἐπάνω. αβ. ἀναβαίνομεν ἀρχὴ τοῦ κλιμακίου ἀπὸ τὸ κατωφέρεια τὸ ὑπόγειον. ΧΧ'. ΥΥ'. ἔχομεν καὶ ἕνα κλιμακίον κατάβασιν. αὐτὸν ἐγράψαμεν ὅμως. ~~[illegible]~~ ΧΧ'. ΥΥ'. αὐτὸν κατὰ μέσον ἔστω ἡ ἀρχὴ ἀπὸ τὴν ἀνάβασιν κατὰ τὸ (Π.).

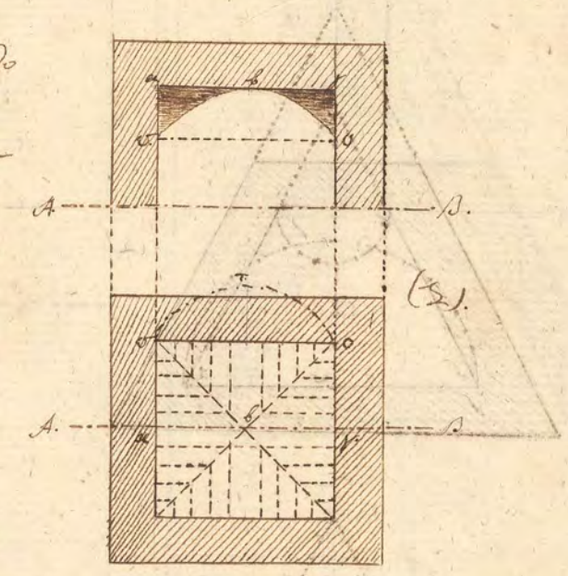
Περὶ Σταυροδόμων.

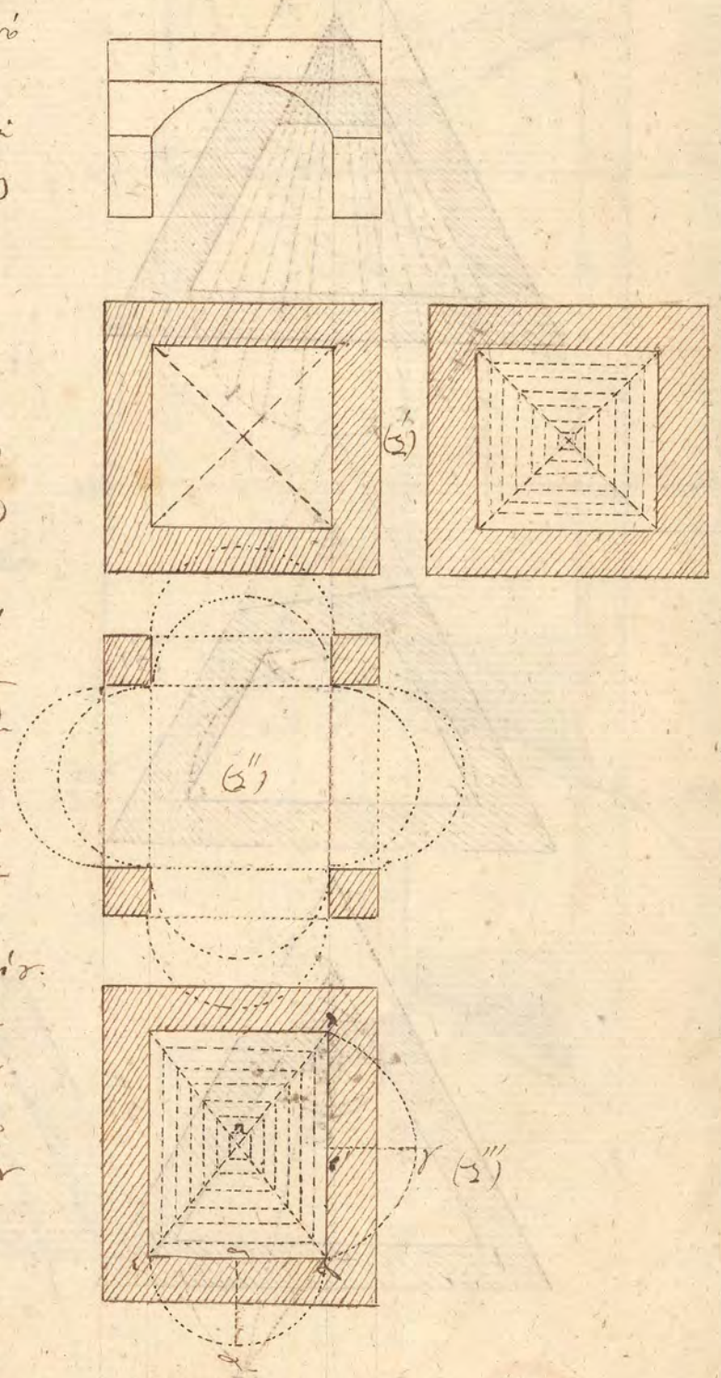
Σταυροδόμος ὁ δόμος (Σταυροδόμος) ὁ δόμος ἐκεῖνος ἐστὶν ἀπὸ τὰ κορμὰ τοῦ ἐκείνου ἐκεῖνος ἐστὶν τὸ ἐκεῖνο. (Π.). ἐστὶν τὸ σταυροδόμος ἐστὶν τὸ σταυροδόμος αβγδ ὁ αὐτός.

Ἐφαρμόζομεν τὸ κομμάτι Α.Β. ἐστὶν τὸ αβ. ἐστὶν καὶ τὸ ἀνώτερον τοῦ ἐστὶν καὶ ἀνοίγεται τὸ ἐν μέσῳ τοῦ (Α.) ~~[illegible]~~ ἐστὶν ἕνα σχῆμα τὸ ἀκρωτήριον τοῦ δόμου μέσον, ἐστὶν ὅμοιον τὸ ἀκρωτήριον τοῦ Β. ἐστὶν τὸ κοῖλον τοῦ Α. ἐστὶν ὅμοιον τὸ κοῖλον τοῦ Β. ἐστὶν ὅμοιον


(1)
(1')
(1'')
(1''')

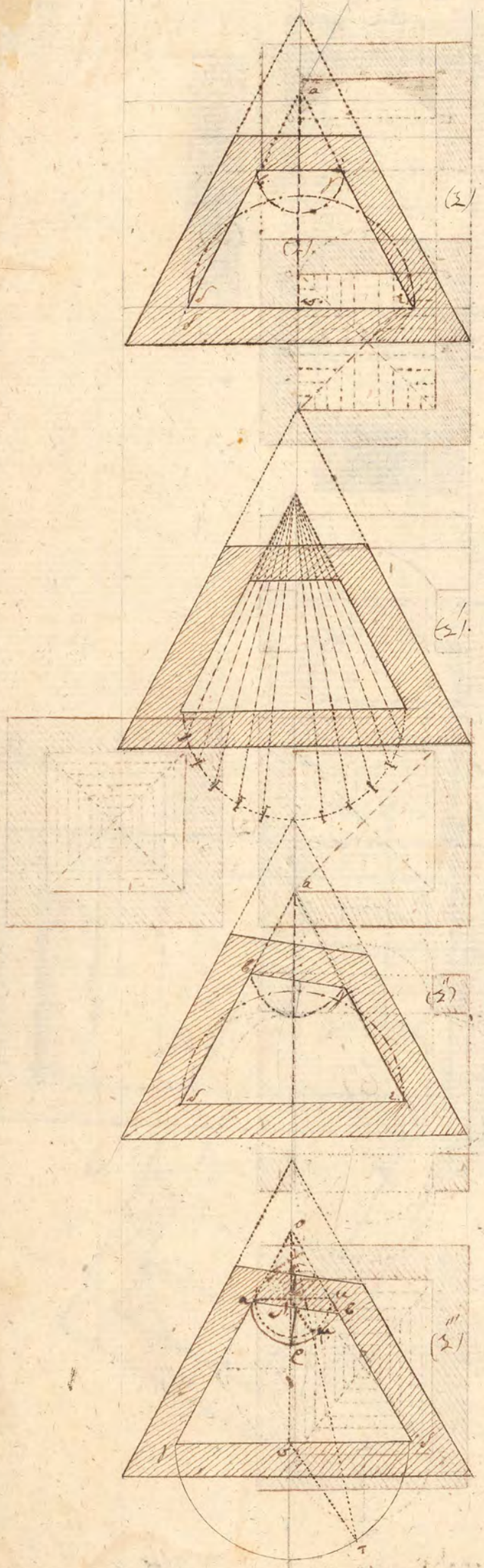

(Σ)
(Σ')
(Σ')
A
B
A
B





Μοναστηριακοί θόλοι

Οι μοναστηριακοί θόλοι εἶν' ὀλιγώτερο ἀπό ἀνάγλυφο· κυριεύονται μόνον ἀπό τέσσερες διαγώνιες γραμμές καὶ γι' αὐτὸ ὀνομάζονται καὶ γωνιοθόλια καὶ ἔχουν παρομοιάζει μὲ ἀνάγλυφο θόλο· οἱ μοναστηριακοὶ θόλοι παρομοιάζονται μὲ ἕνα μισό θόλο· ἐπειδὴ ἀφαιρεῖται ἕνας κύκλος ἀπὸ ἕνα ἡμισφαίριο θόλο· ἐπειδὴ ἔχει τὸ σχῆμα τῶν γωνιῶν καὶ τῶν ἀκμῶν· ἔχει ἀπὸ ἀρχιτεκτονικὴ ἄποψη ὁ θόλος ἀποτελεῖται ἀπὸ τὸ ὀρθογώνιο ΑΒΓΔ· ἀφοῦ κατόπιν κατασκευάσουμε μὲ τὴν ἀκμὴ ΑΒ ἕνα ἡμικύκλιο ΑΕΒ· ἔπειτα ἀπὸ τὴν ἀκμὴ ΑΒ ὑψώνουμε ἕνα ἡμιδιάστημα ΖΗΘ· ἀφαιρεῖται ἡ ἐπιφάνεια ΑΖΗΘΒΕΑ· ἡ ἐπιφάνεια ΑΖΗΘΒΕΑ ἀποτελεῖ τὴν ἀκμὴ τοῦ μοναστηριακοῦ θόλου· ἡ ἀκμὴ ΑΖΗΘΒΕΑ ἀποτελεῖται ἀπὸ τὸ ἡμικύκλιο ΑΕΒ καὶ ἀπὸ τὴν ἡμιδιάμετρο ΖΗΘ



Κεφαλαιον δεύτερον.

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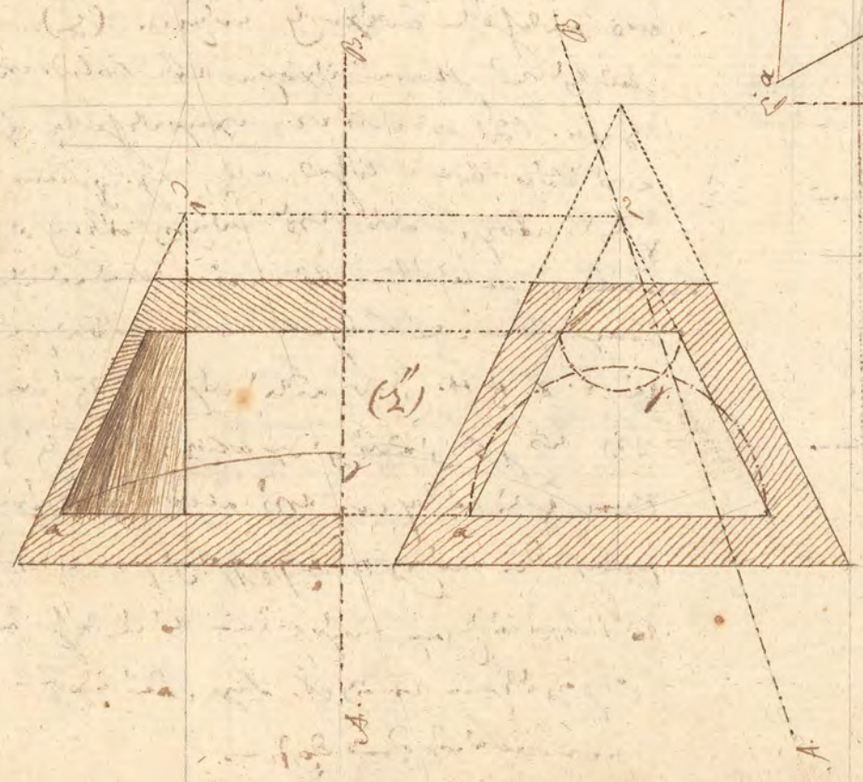
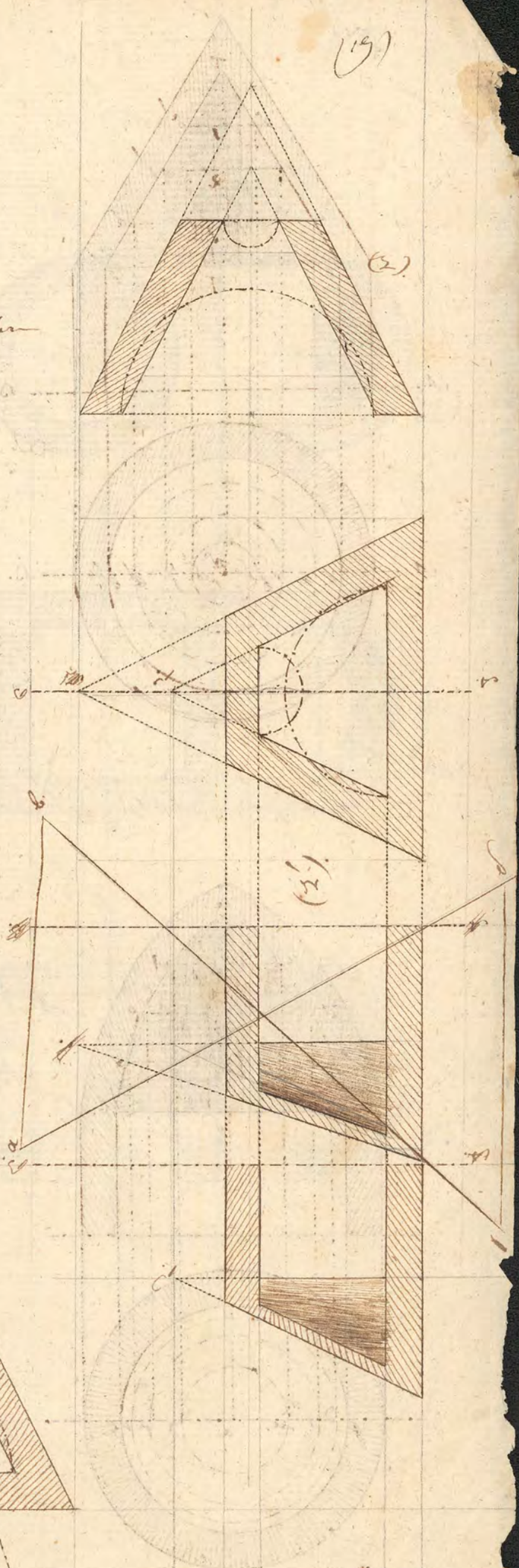
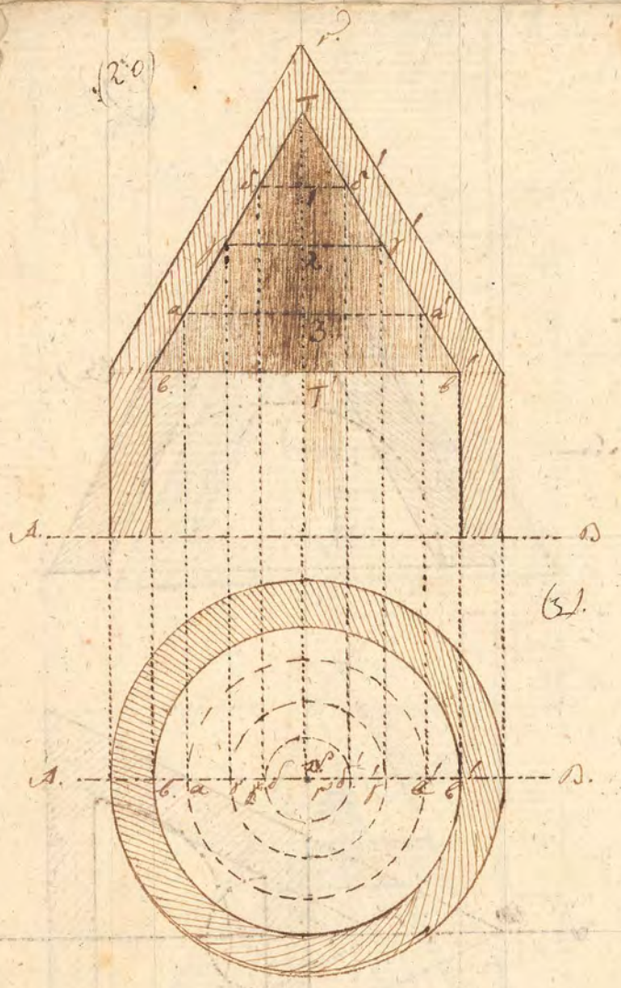
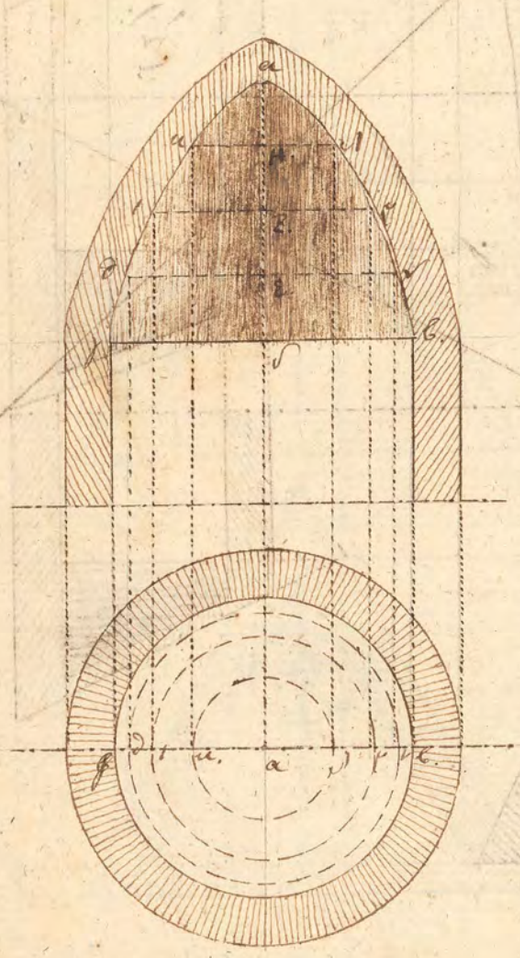






(3).



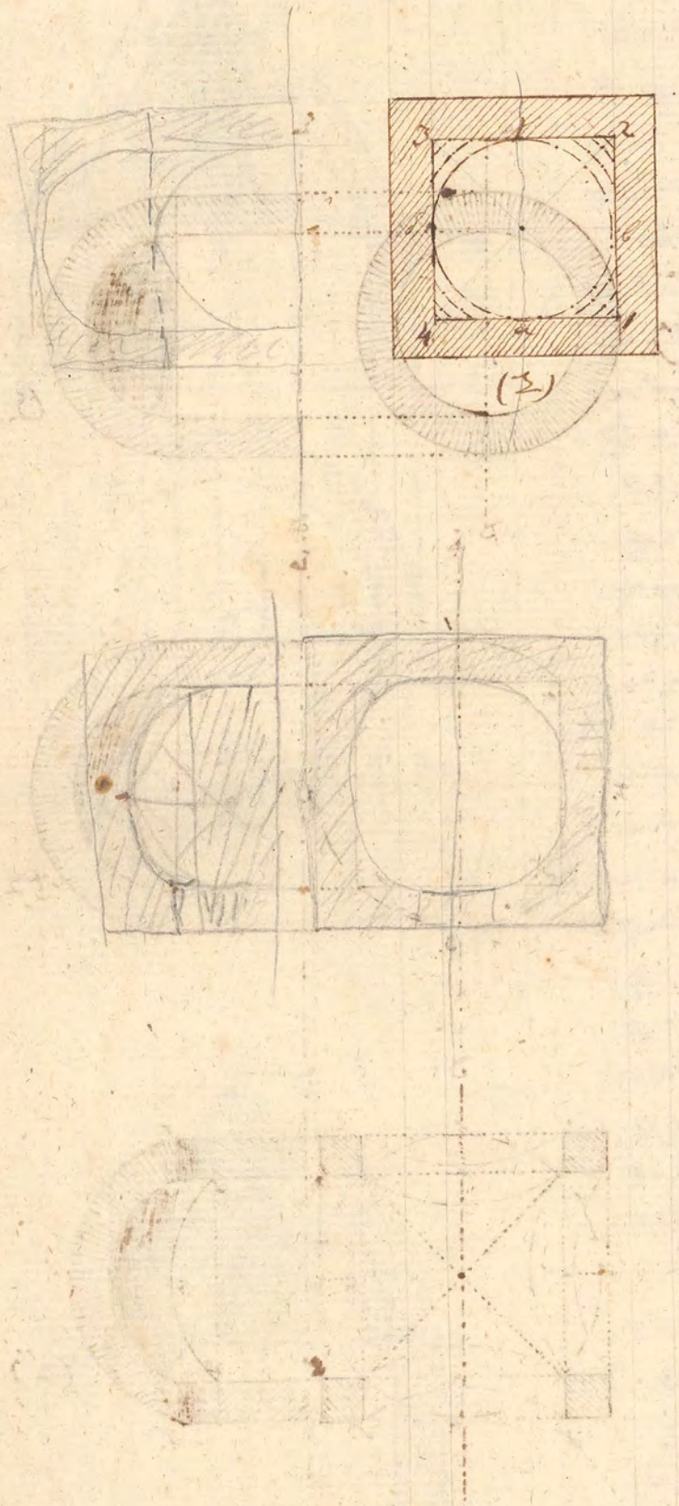
Ἐὰν δὲ καὶ τὴν ἔλαττον
βάσιν ἐπιζεύξωμεν, ἔσται παράλληλος
τῇ διαμέτρῳ καὶ τὸ ἐγγεγραμμένον ἡμιτόμιον
ἡμιτόμιον ἔσται τοῦ ἐγγεγραμμένου.
Τοῦτο μὲν οὖν καὶ ἐπὶ τοῦ κωνοειδοῦς
τοῦ ὀξυγωνίου ἐστὶ τοιοῦτον· ἐὰν γὰρ ὑπὸ
τῶν ἐπιπέδων ἐκβληθῶσιν αἱ τῶν κώνων
γραμμαὶ ἐπὶ τὸ αὐτὸ μέρος, ἔσται ὁ
ἐγγεγραμμένος κῶνος τοῦ κωνοειδοῦς
ἐγγεγραμμένου τοῦ κώνου ὁμοιοειδὴς τῷ
κωνοειδεῖ τῷ περιγεγραμμένῳ τοῦ κώνου.
(2.) καὶ ἐπεὶ ~~ἔστιν ἡ~~ ὀρθὴ ἀφῆς
διαμέτρου πρὸς τὴν ἀφὴν ἐστὶν ὡς
ἡ ἐκ τοῦ κέντρου πρὸς τὴν ἐφαπτομένην.
ἡ ΒΔ, ΔΗ, ΔΕ, ΔΘ. τὸ ἄρα ὑπὸ τῆς
τοῦ ἀνίσου τμήματος μετὰ τῆς
ἐφαπτομένης. (3.) καὶ ὅτι
μόνον ~~ἀλλὰ καὶ~~ διαιρεῖται ἡ πλευρὰ τῆς ΤΤ'
εἰς ἴσα μέρη, ἀλλὰ καὶ διαιρεῖται ὑπὸ τῶν 1, 2,
3, ὥστε καὶ τὸ ~~ἐγγεγραμμένον~~ ἐγγεγραμμένον
ὅλον πολυεδρικὸν ~~ἔστι~~ ἐστὶ τὸ πλῆθος τῶν Α.Δ.
Παραβάλωμεν πάλιν δύο. ἐπεὶ τὸ ὑπὸ τῆς
ΓΔ μετὰ τῆς Δ. ἴσον ἐστὶ τῷ ὑπὸ τῆς ΔΒ, ΔΗ, ΔΕ, ΔΘ
πλῆθος τοῦ πολυεδρικοῦ τριγώνου τοῦ ἐλάττονος
τῆς ΔΗ ἐστὶν ἀνάλογον τῶν γραμμῶν. (4.)
Ἐὰν δὲ καὶ τὴν ἔλαττον ἐπιζεύξωμεν τὸν πολύεδρον δόξῃ
ἔσται. (5.) καὶ ὅτι μόνον ἐπιφανειακῶς ἀλλὰ καὶ
ἐπὶ δύο ἴσα μέρη. τὰ ΑΒ, ΑΓ. ἐπιφανειακῶς
καὶ πάλιν ἀπὸ τῶν γραμμῶν ἄλλος ὁ κῶνος
ἐπιφανειακῶς μεταξὺ τοῦ ὀλίγου καὶ τοῦ
διαμέτρου καὶ πάλιν ἐπὶ τὴν ἴσα μέρη
τὰ 1. 2. ἢ Η. ὅτι ἀπὸ τῶν γραμμῶν ἄλλος
ἐστὶν ὡς ΓΒ. ἡ ἀπὸ τοῦ πολυεδρικοῦ τριγώνου
τοῦ καὶ πάλιν ἀπὸ ἀνάλογον ἐπιφανειακῶς
μεταξὺ τῶν Δ. καὶ Η. ἢ μετ. Α. Γ. ἢ μετ. Α. Γ.
τὸ ἴσον ἀλλήλοις τῶν ἴσων τῶν ὑπὸ τῶν
ἐγγεγραμμένων τῶν ἴσων ἐστὶν. καὶ ἔστιν ἴσον
καὶ πάλιν ἀπὸ τοῦ ὅλου.

Περὶ σφαιρικῶν δόμων.

Οἱ δόμοι οὗτοι κυκλικοὶ εἰσὶν ἢ ἀπὸ τοῦ ἀρχοῦ κυλινδρικοὶ ἢ κωνικοὶ ἢ σφαιρικοὶ ἢ ἐξ ἀναλογίας ἀπὸ τοῦ κύκλου τοῦ ἐν τῷ ἐπιπέδῳ κειμένου καὶ ἔχει αὐτὸν τὴν ἀρχὴν τῆς κατασκευῆς τῶν δόμων.

α. Ἔστω κύκλος ἐπὶ τοῦ ἀρχοῦ κείμενος ὁ αβγδ. τὸ δὲ ἡμικύκλιον τὸ αβγ, πολλαπλασιάζω τὸ ἡμικύκλιον τὸν (ε). ἢ τὸ αβγ. ἵνα ὁ κύκλος ὁ αβγδ ἀναγραφῇ ἢ τὸ ἐπιφάνειαν τοῦ ἡμικυκλίου καὶ ἔσται τὸ σφαιρικὸν δόμος.

β. Δοκεῖ ὁ σφαιρικὸς δόμος κατασκευάζεσθαι ἀπὸ τοῦ ἡμικυκλίου οὗτος τὸ ἡμικύκλιον αβγ, βγδ, γδα. ἐν τῷ ἡμικυκλίῳ δὲ ἐστὶν ἡ διάμετρος ἡ αγ καὶ ἔστω ἡ βγ τὸ ἡμισυ τῆς αγ. τὸ μὲν βγδ ἢ τὸ ἡμισυ τοῦ (ε). β. Δοκεῖ δὲ καὶ ἐν τῷ ἡμικυκλίῳ ἐστὶν ἡ διάμετρος ἡ αγ καὶ ἔστω ἡ βγ τὸ ἡμισυ τῆς αγ. τὸ μὲν βγδ ἢ τὸ ἡμισυ τοῦ (ε).


(3)

Διὰ τὸ κόψαι τὸ τεῖχος ἀπὸ τῆς τῶν ἀντίων ἐπιβουλῆς καὶ ἐπιφορᾶς πολεμικῆς ἡ αἱ μονιαὶ βίαι ὁδοί· ἐφεύρομεν δὲ τὴν τοιαύτην παραδοξοποιΐαν· γράφομεν ὀρθογώνιον τὸ μὲν τεῖχος ἀπὸ τοῦ τοῦ τεῖχος ἀπὸ τοῦ τοῖχος a, b, b, a, ἔχον τὸ πλάτος· 1, 2, ἀπὸ αὐτοῦ ἀρχομένας γραμμὰς παραλλήλους· 0, 4, 3, 5, 6, 7, τὸ πλάτος βίαι τὸ μὲν τῆς τοῦ τεῖχος (2) ἔστω διπλῆ τοῦ τεῖχος πάχους· ἐκβαλόντες μεχρὶς ἀλλήλων μεχρὶς· τὸ δὲ πρὸς τὴν πόλιν· (2').

ἔστω δὲ τὸ μέρος μόνον αὐτοῦ ἀφαιρούμενον εἰς πολλὰ τὸ ἔχον διαφόρους εἰδικῶς· a, b, 3, 6, ἀφαιρεῖται τὸ μέρος τοῦ πλάτους· 1, 2, διορθοῦμεν τὸ μέρος τοῦ τεῖχος· 3, 4, ἔστω παρεμβεβλημένον πόρρωθεν· τεῖχος· (2'')

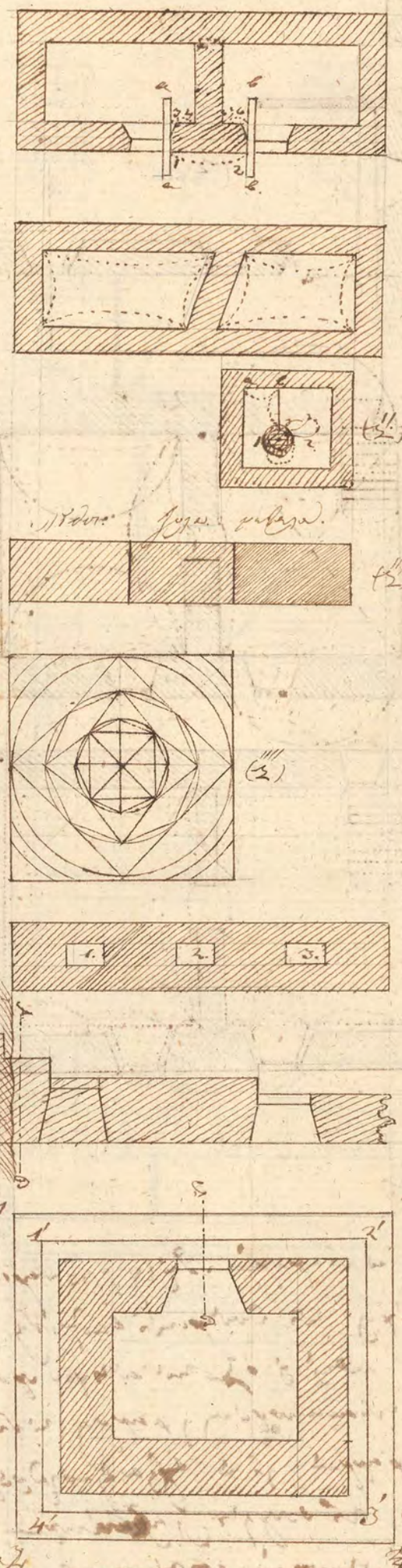
Ἔστω. Τοῦτον τὸν τρόπον δὲ ἀποκρυπτόμενον τὸν πρῶτον τὸ ὑφιστάμενον ἡ ἀφ' ἑαυτοῦ χαρακωμένον τὸ ξύλον· μὲν ὑπόκειται· ἡ ἀφ' ἑαυτοῦ κινούμενον· τεῖχος· (2''')

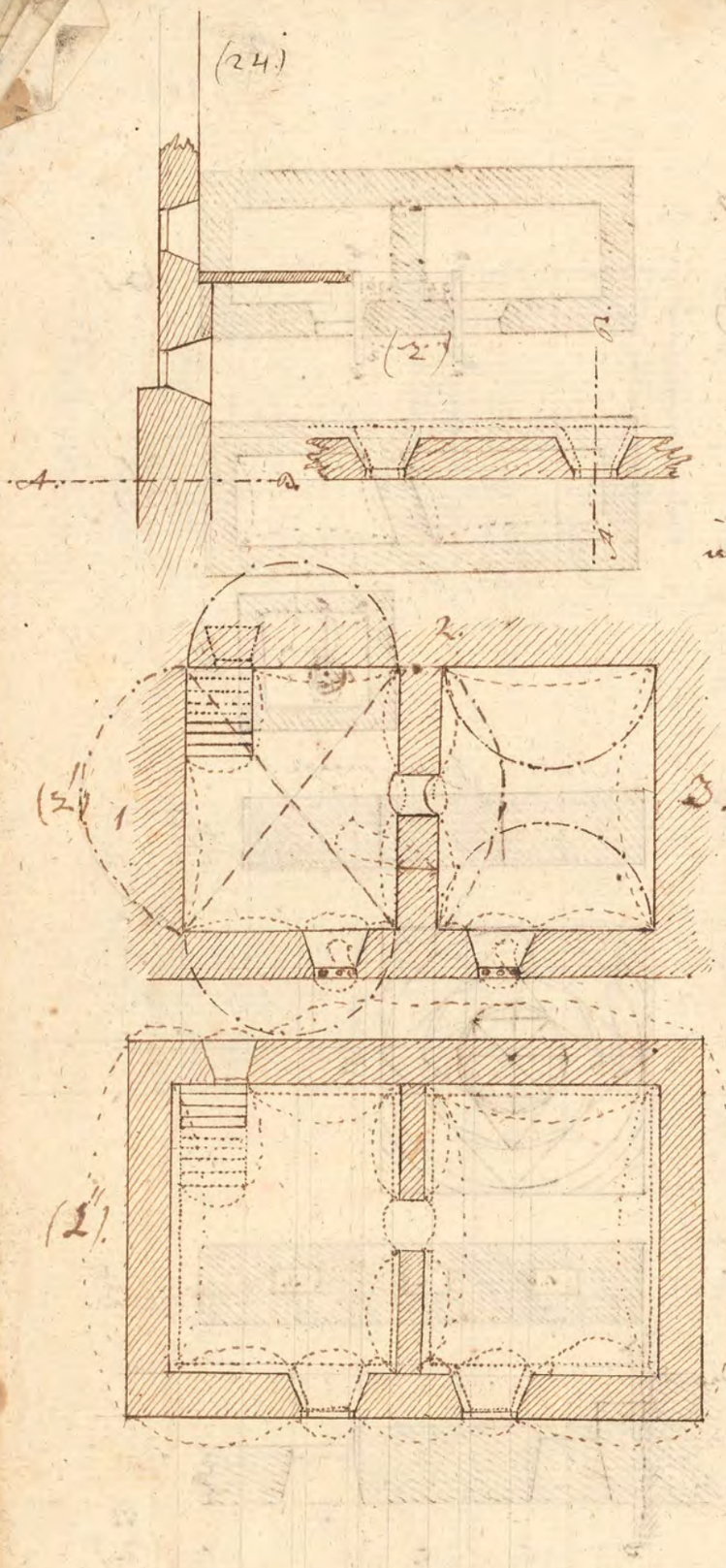
Ἔστω δὲ τὸ μέρος ἐπὶ πολλοῖς τεῖχος ἀπὸ τῶν πρὸς αὐτὴν πλευρῶν τῶν τοῦ τεῖχος· ἡ ἀφ' ἑαυτοῦ κινούμενον· τεῖχος· (2'''')

Τὸ δὲ πολεμεῖν τοῖς πρὸς αὐτὸν ἔχοντα τὸ μέρος τὸ μόνον τὸν πολεμοῦντα· ἀπὸ τοῦ ὑψηλοῦ τοῦ τεῖχος· (2'') ἐξ ἑνὸς μέρους, ἔστω τὸ ὑπὸ τὸ χαρακωμένον· ἀπὸ τοῦ τεῖχος· (2'')

Ἐπὶ δὲ τὸ ἐκβαλεῖν τὸ μεμιμημένον· ὅτι τὸ τεῖχος ἀπὸ πλευρῶν· ἐξαιρετέον· καὶ τὸ τεῖχος διὰ τοῦτο ἡ ἐπιβολὴ· μόνον πάντων δεῖ· ἐπὶ τὸ ἐκβαλεῖν· ἐκβάλλεται· (2'')

Ἐπὶ τετράγωνον ἔστω τὸ τεῖχος γεγραμμένον τὸ 1, 2, 3, 4. ἀπὸ τοῦ ἐξαγόνου τοῦ πλευρῶν· ἡ ἀπὸ· 1. ἐπὶ τὴν πόλιν· τεῖχος· γεγραμμένον· ἡ ἀπὸ πλευρῶν· τὸ 1', 2', 3', 4'. καὶ τὸ πλάγιον ἀφαιρεθῆναι δεῖ.



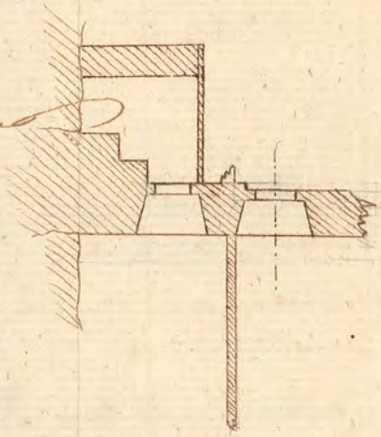


Περὶ ἀναλήμματος ἀνεμίου κατοικίας

1. Περὶ ἀνεμίου.

Δεῖ τοῖς ἀνεμίοις ἀρχὴν ἀναιρεῖσθαι ὅ μικρὸν ἄνω ἐρῶ.

Εἰ μὲν οὖν ἀνεμίου ἡ ἔξω νεὼς ἀνεῳγμένη δόξει κρείττων εἶναι τοῦ ἀνεμίου ἀναλήμματος ἀνεῳγμένου ἀνεμίου κατοικίας ἀνεῳγμένου ἀνεμίου κατοικίας ἀνεῳγμένου ἀνεμίου κατοικίας



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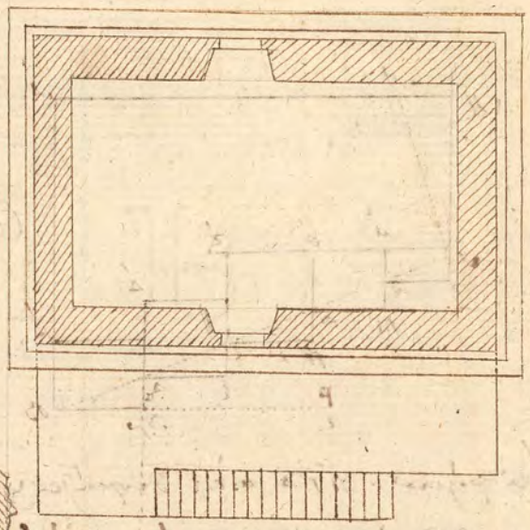

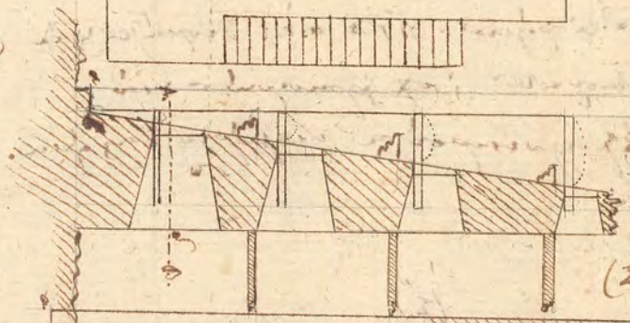

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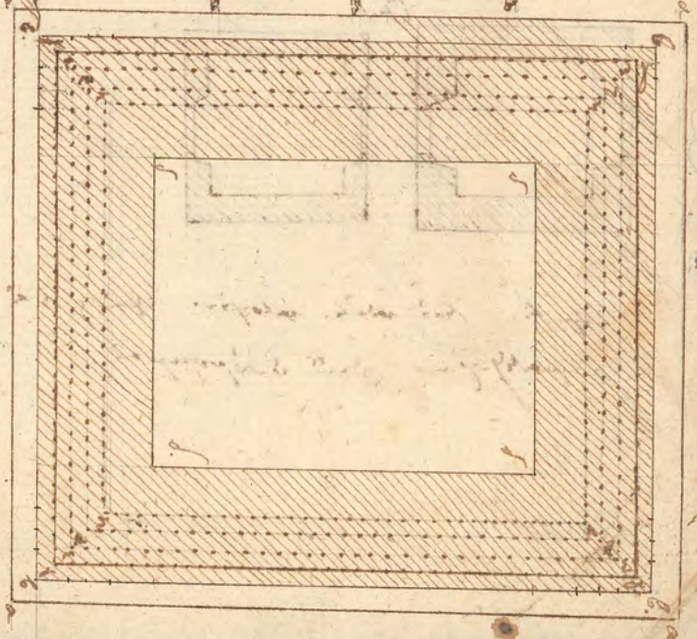
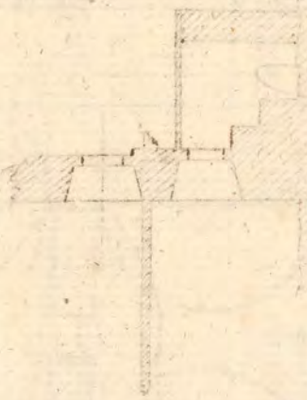
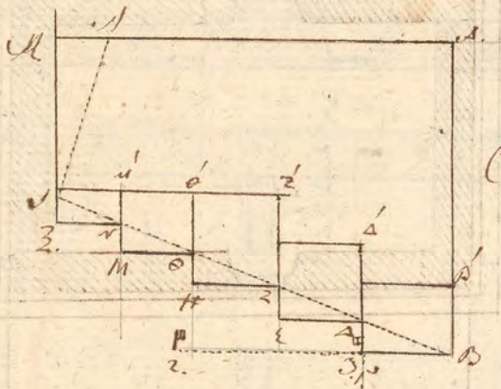


Κάτοψις τοῦ Α' Παραδείγματος

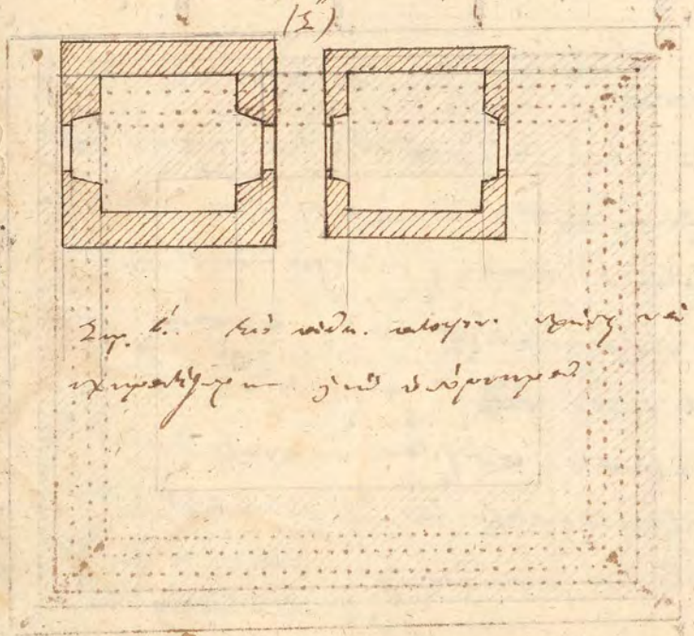
Ὅταν εἰς τὰ κάλυμμα ὑπάρχει ὑπόγειον ἐκεῖ πολυτόμου. Ἀλλ' ἐπειδὴ τὰ κάλυμμα τοῦτο εἶναι ἀναβαστάζον ἀρχαῖον ἀρχαῖον τοῦ δεξιοῦ μέρους τοῦ βαθμίδος αἱ δύο ἀρχαῖαι τοῦ δεξιοῦ μέρους τοῦ ἀναβαστάζοντος ἀρχαῖον τοῦ ὑπόγειου ἀρχαῖον τοῦ ὑπόγειου ἐστὶν ὑπὸ τὴν ὑπόγειον τὸ κάλυμμα καὶ αἱ ἀναβάσεις ἡ ἐπιφάνεια ἐστὶν ἡ ἐπιφάνεια τοῦ ὑπόγειου κάλυμμα καὶ τὰ ἀναβαστάζοντα





(Σ')

Σχ. α'. Κάτοψις. ΜΡΛ. ιτ.ι. Ὑπόμνημα τῆς ἐξωτερικῆς ὁ ἐξωτερικὸς ὁ ἐξωτερικὸς κτίσεως ἀπὸ διαφόρων ἀπόψεων.



(Σ'')

Σχ. β'. Κάτω μέρος. ἐξωτερικὸς τοῖχος καὶ ἐσωτερικὸς ὁ ἀνώτερος.

ἀπὸ τὸν ἀλφάβητον ἐκφράζει τὸν ἀριθμὸν ,αχξθ
ὁ ἀριθμὸς τῶν ἐξωτερικῶν ἀρχῶν ἐν τῷ γγ 18
καὶ ὅσον τὸ ἐξωτερικὸν τοῦ ἀλφαβήτου ἐν τῷ
ἐξωτερικῷ ὁ ἀριθμὸς ἐστὶν ἴσος τῷ
ἀλφαβήτῳ ἐξωτερικῷ. ἀλλὰ. ἐν τῷ ἐξωτερικῷ τοῦ
ἀ. τοῦ ἀλφάβητος ἐξωτερικῶν. τὸ ἴδιον. ἀλλ. ὅλον
ὅλον ὀρθῶς ἐκεῖνον ἐν τῷ γράμματι τοῦ ἐξωτερικοῦ
τοῦ ἀπὸ τοῦ ἀλφάβητος ἐξωτερικῶν μέρη ἐξωτερικὰ
τῶν γραμμῶν τὸ ἐξωτερικὸν ὁ ἀριθμὸς ἐστὶν
ἴσος τῷ ἐξωτερικῷ. διὰ τοῦ ἀπὸ τοῦ ἀριθμοῦ
ἐν τῷ γράμματι τοῦ ἐξωτερικοῦ τοῦ ἀριθμοῦ τοῦ
τοῦ ἴδιον ἀλφάβητος ἐξωτερικῶν. ἐν τῷ ,αχξθ
ἐξωτερικῷ τοῦ ἀλφάβητος ἐξωτερικὸν τοῦ ἀλφάβητος
τοῦ ἀλφάβητος. ἀπὸ. τὸ ἴδιον. διὰ τὸν ἀριθμὸν
τοῦ Β.Ι. ,αχκβ. ,αμμν. ὁ δὲ ἀριθμὸς
γραφὲν ἐν ἑκάστῃ σελίδι. ὁ ἴδιος διὰ τῆς ἐξωτερικῆς
πλευρᾶς. καὶ γὰρ ὁ πλάγιος ἐξωτερικὸς
τῆς ὁ ἴδιος. βαθμὸς ἐξωτερικὸς τῆς. καὶ
ἐξωτερικὸς. (Σ' λεγ.)

Κλίμακα ἐν τῷ ἐξωτερικῷ ἐν τῷ ἀριθμῷ τῆς
ἀναφορᾶς. καὶ ἐξωτερικὴ γραμμὴ καὶ ἐξωτερικὸς
ἐν τῷ ἐξωτερικῷ τοῦ Α. ἀλφάβητος. ἐξ ἧς ἡ κάτω
ἀπὸ τοῦ ἀριθμοῦ. (κατὰ τὸν ἀριθμὸν ἡ ἀνώτερα).
ἔστω ὁ ἐξ ἀρχῆς ἀριθμὸς ἀπὸ τοῦ ἀριθμοῦ
καὶ τοῦ ἀριθμοῦ τοῦ Α. ἀλφάβητος.
ἐξ ἧς ἡ κλίμακα. ἐν τῷ. καὶ τὸ ἀλφάβητον
καὶ τὸν ἀριθμὸν τοῦ Α, Β, Δ, Ε. ὁ ἴδιος καὶ ἡ γραμμὴ τοῦ
ἀριθμοῦ Α, Ε, Ζ, Η, Θ, Μ, Ν, Ξ, Ο, Π. ὁ δὲ
τοῦ ἀριθμοῦ ἐν τῷ ἐξωτερικῷ μέρει. ἡ κάτω
γραμμὴ κλίμακα ἀπὸ τοῦ ἀριθμοῦ ,αχκβ. ,αμμν.
ὁ δὲ ἴδιος ἐστὶ καὶ τοῦ ἀριθμοῦ τοῦ
τοῦ ἀριθμοῦ 1 ἐν τῷ ἐξωτερικῷ τοῦ ἀριθμοῦ
,αχκβ. ,αμμν. καὶ 2. ἐν τῷ ἐξωτερικῷ τοῦ ἀριθμοῦ
καὶ Ο. τοῦ ἀριθμοῦ καὶ τὸ 1, ὁ δὲ 2 καὶ τὸ ἀριθμὸν
τοῦ ,αχκβ. ,αμμν. ὅτι καὶ ἐν τῷ ἀριθμῷ
τοῦ ἀριθμοῦ τοῦ ἀριθμοῦ τοῦ ἀριθμοῦ τοῦ
ἀριθμοῦ τοῦ ἀριθμοῦ τοῦ ἀριθμοῦ τοῦ ἀριθμοῦ
ἀριθμὸν (Σ')· ὅτι καὶ τοῦ ἀριθμοῦ τοῦ ἀριθμοῦ
ἐν τῷ ἀριθμῷ τοῦ ἀριθμοῦ ὁ ἴδιος ἐστὶ τοῦ
μέρους τοῦ ἀριθμοῦ τοῦ ἀριθμοῦ καὶ τοῦ ἀριθμοῦ καὶ
τοῦ ἀριθμοῦ. (Σ'').

Κάτοψις τοῦ ξύλου

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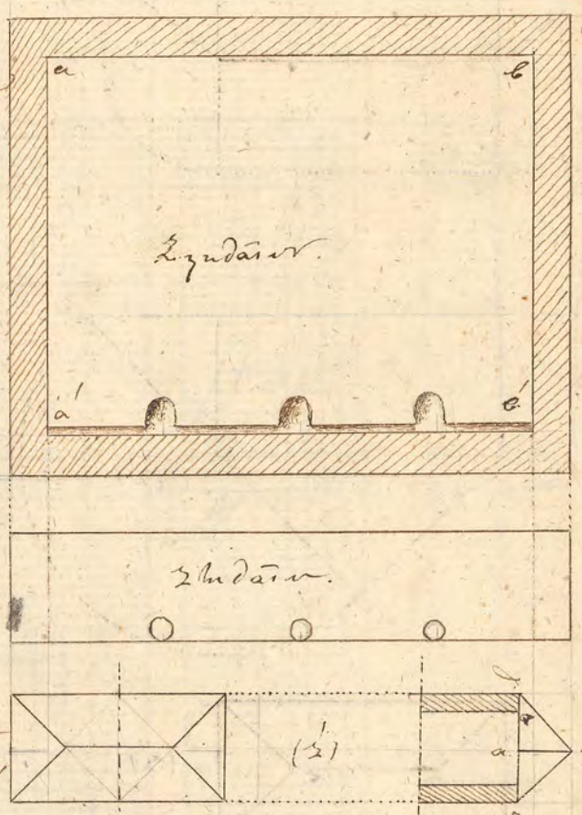

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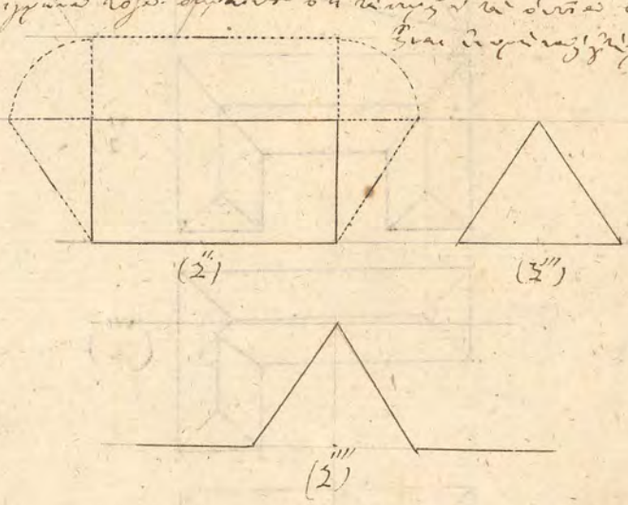

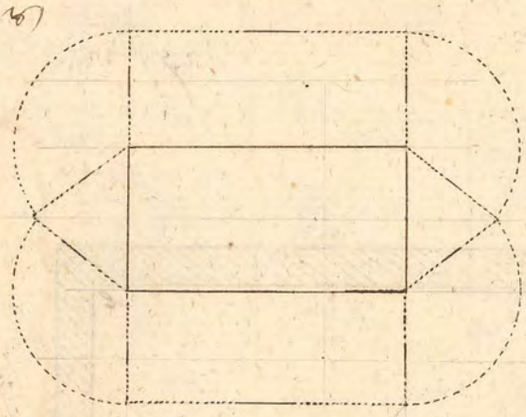

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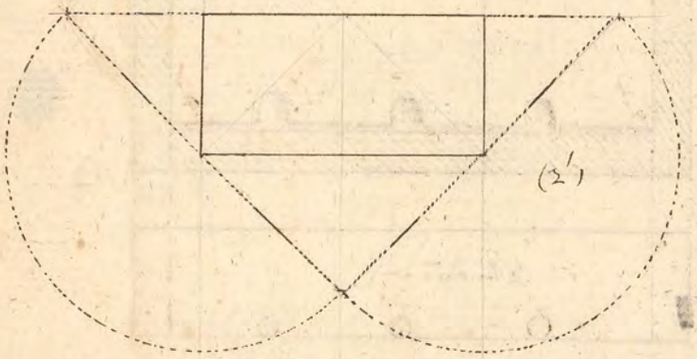

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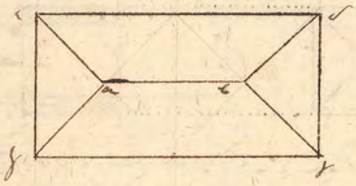

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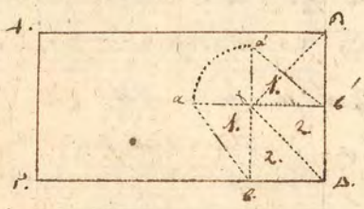
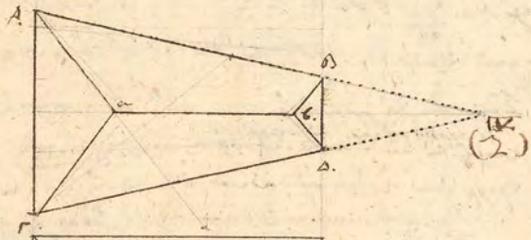
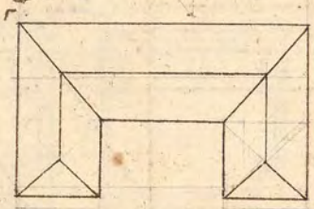


(2''')



IV (2)



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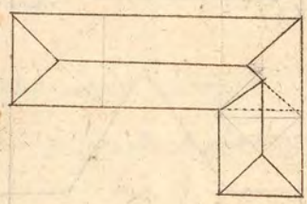

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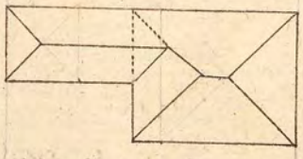
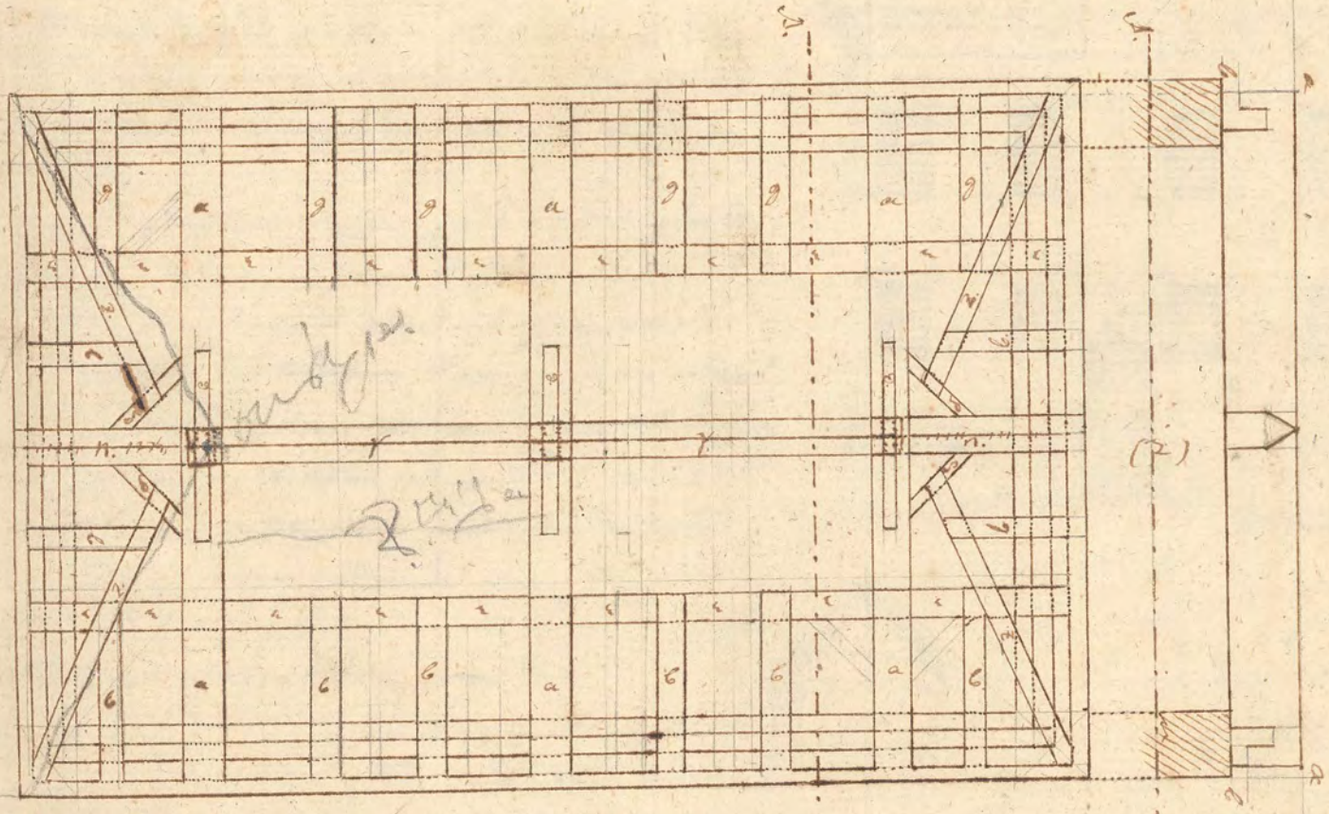


VIII (2)

[illegible] (2).

Δοκεῖ δὲ [illegible] ἐν τῷ [illegible] (2). [illegible] (2'). [illegible] (2''). [illegible] (2'''). [illegible] (2). [illegible] (2). [illegible] (2



[illegible]

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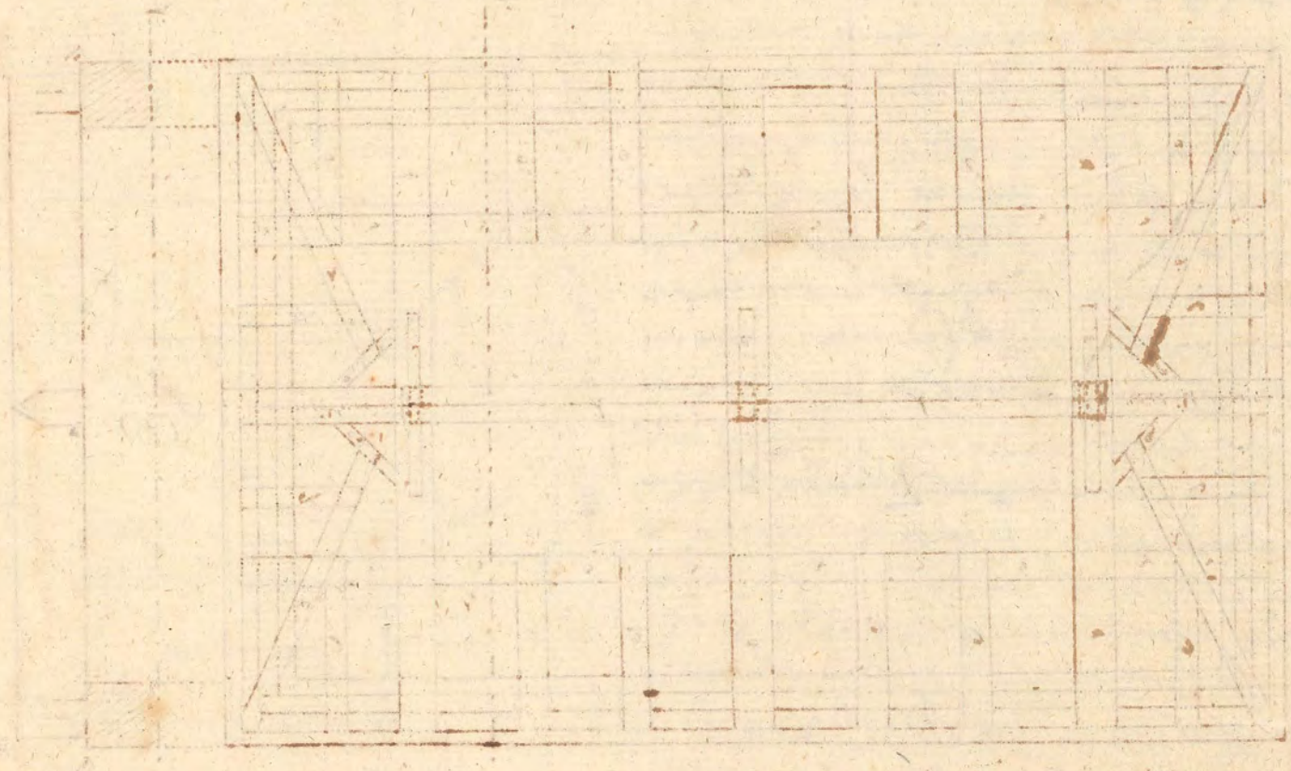
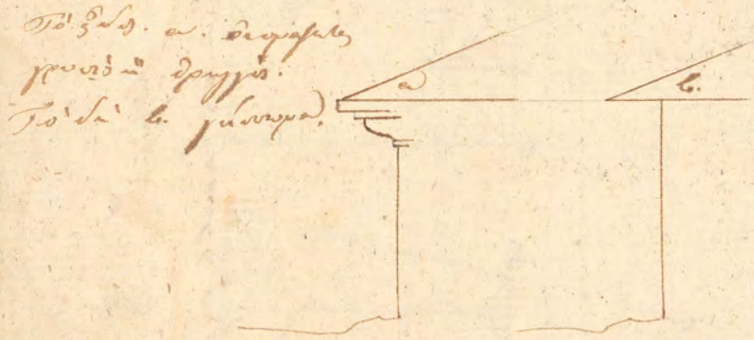



a
b

Περί Προσόψεων

Προσόψεις ονομάζομεν τὰς μορφὰς τῶν κτιρίων (οἱ ἐπὶ τοῦ κατωφερείας ὑπάρχοντες τοῖχοι καὶ τὰ ὅμοια) (ἀλλὰ καὶ ἐπὶ τοῦ ἐπιπέδου ἐὰν ὑπάρχῃ τὸ κτίριον ὅλον καὶ ἀνοικτὸν ἐπίσης)

Διὰ νὰ ἐφαρμόσωμεν μετὰ ἀκριβείας προσόψεις ἀρχῆς νὰ χαλάσωμεν μίαν ἐπιφάνειαν γραμμῆς εἰς δύο τὸ ὑψηλόν καὶ εἰς δύο τὸ πλάτος εἰς ἴσα μέρη καὶ νὰ κάμωμεν παραλληλόγραμμα τὰ γραμμὰ τὰ κατακόρυφα καὶ ὁρίζοντα ἀπὸ τὴν ἀρχὴν τὴν ἐπιφάνειαν καὶ ἐὰν ὑπάρχουν παραθύρια νὰ βάλωμεν καὶ τὰ γείσα καὶ ὅλα τὰ ἀναγκαῖα διὰ νὰ κλείσωμεν παραλληλόγραμμα τὰ ὁποῖα εἶναι ἀνάλογα τὸ ὕψος καὶ τὸ πλάτος τῆς ὅλης κατασκευῆς. (2).

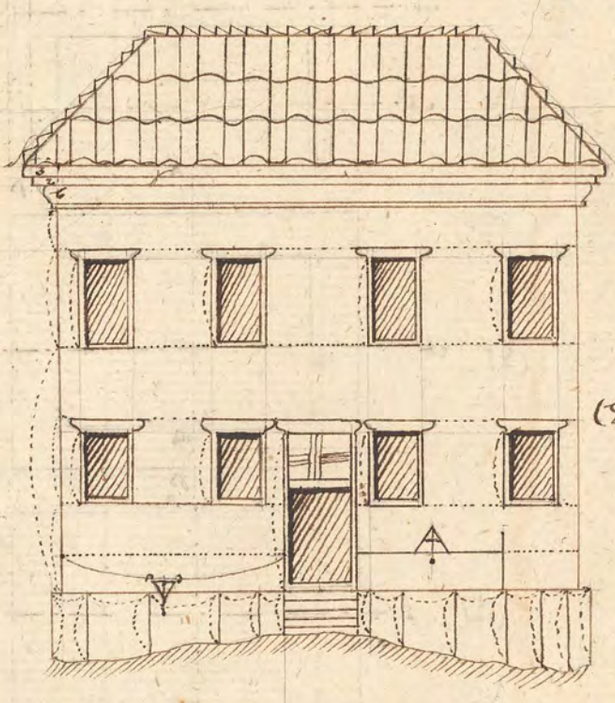
Τὸ ὕψος τὸ παραλληλόγραμμον εἶναι ἀνάλογον εἰς τὸ ὑψηλὸν καὶ εἰς τὸ πλάτος τῆς ἐπιφάνειας.

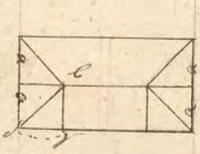
Τὰ γείσα τὰ ὁποῖα ἔχει ἡ ὄψις παραλληλόγραμμα εἶναι τὸ ὑψηλόν. Τὰ ὑπόλοιπα πλάγια.

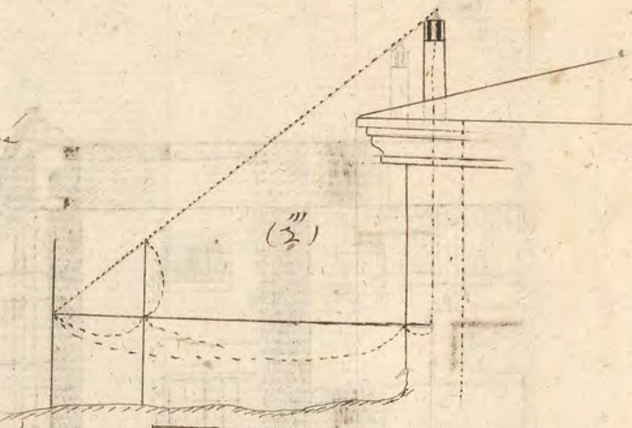
Τὸ ὕψος τῆς ὄψεως παραλληλόγραμμον εἶναι ὑψηλόν (2') εἰς δύο μέρη διὰ τὴν κατασκευὴν τῆς στέγης (2'') διὰ τὴν ὑπόψιν τῆς στέγης καὶ τὴν ἀπόστασιν τῆς στέγης ἀπὸ τὴν κορυφὴν τῆς ὄψεως. (2''') ἐπειδὴ τὸ πλάγιον μέρος τῆς στέγης (2) ἀποτελεῖται ἀπὸ τὴν κορυφὴν τῆς ὄψεως καὶ τὴν κορυφὴν τῆς ὄψεως. Τὸ ὕψος τῆς κατασκευῆς τὸ κάμνομεν ἀναλόγως τὸ ὑψηλὸν τῆς ἐφαρμογῆς καὶ ὅλα μαζὶ τὸ (2''') διὰ τὴν γραμμὴν τῆς στέγης καὶ τὸ (2'''') γενικὴν ἐφαρμογήν.

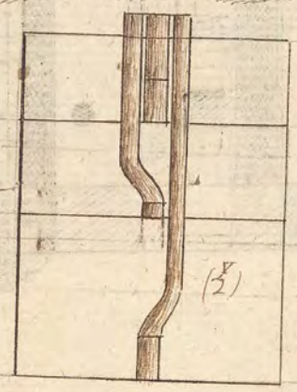
Ὅταν τὸ ὑψηλὸν τῆς ὄψεως εἶναι τὸ ἥμισυ τοῦ Θ εἰς τὸ κατωφερὲς κατασκευάζομεν τὸ κάτω μέρος τῆς στέγης μὲ ὀλίγον ὑψηλὸν καὶ ἀπὸ τὴν ἄκρον τῆς στέγης μίαν γραμμὴν καὶ ὅλα τὰ ὑπόλοιπα ὅμοια τὸ ὑπόλοιπον τῆς στέγης (2^8)

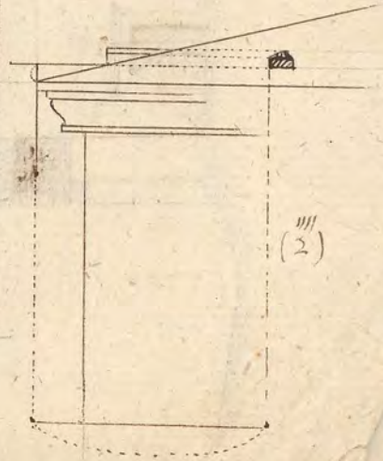
Τὸ ὑπόλοιπον τῆς κατασκευῆς τῆς στέγης καὶ τὸ κατωφερὲς ἀπὸ τὴν κορυφὴν τῆς ὄψεως ἐὰν ὑπάρχῃ ἐπίπεδον καὶ τὸ κατωφερὲς ὅλον εἰς δύο μέρη τὸ ὑπόλοιπον τῆς στέγης 1/2 ὑψηλὸν μέρος.

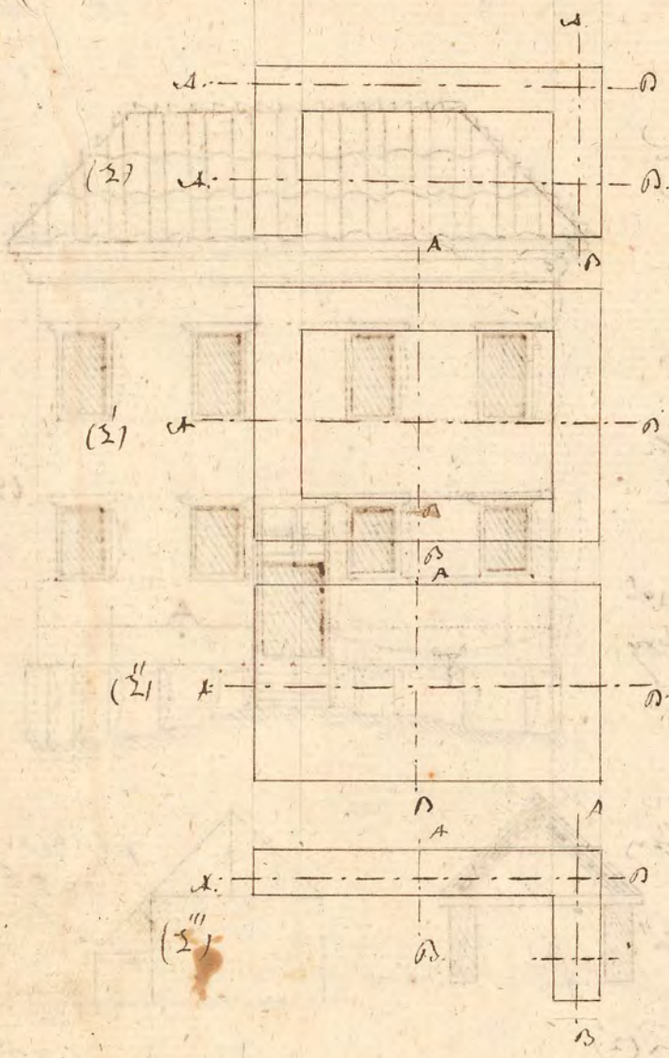












Περὶ θεάτρων

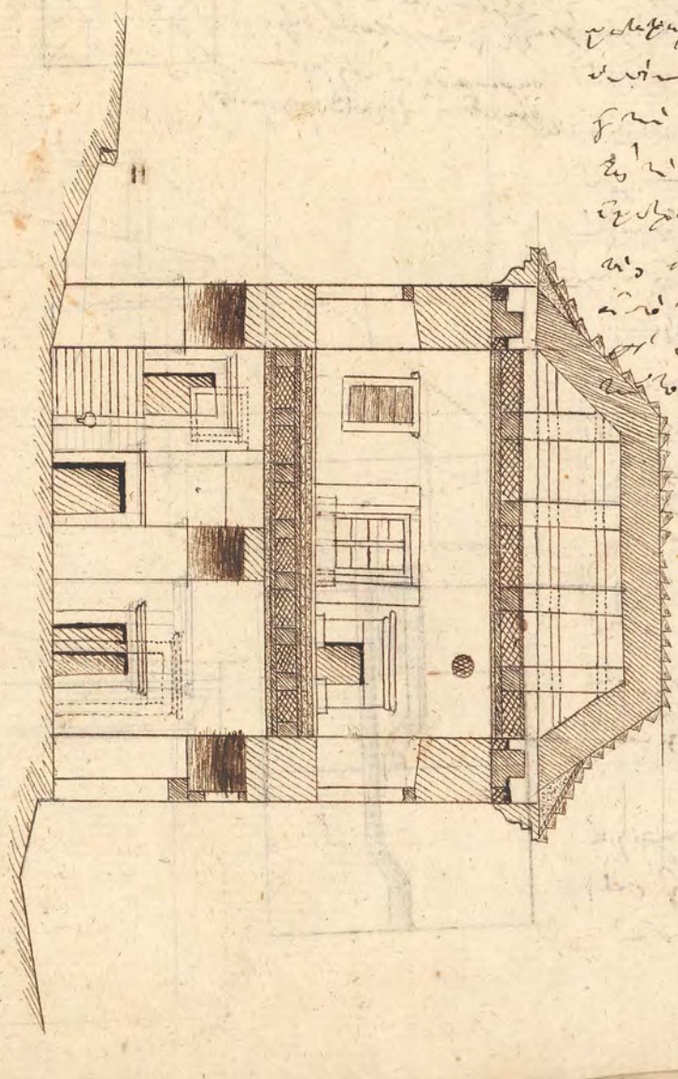
Τοῦ δὲ θεάτρου τὸ κατασκευάζειν ἐστὶν τὸ δοκοῦν δεῖν ζητεῖν ἀπὸ κλίμακος κατὰ τὴν διάμετρον ἢ δύο ἢ τὸ ὑψηλὸ κεφαλὴν μέχρι τοῦ τοιούτου ἐφ' ὅσον τὴν ὄψιν ἐν δεξιᾷ καὶ ἐν ἀριστερᾷ τὸ ἐν τῷ θεάτρῳ καὶ τὴν κατασκευὴν καὶ τὴν ἀκρόασιν καὶ τὴν κατάληψιν καὶ τὴν ἀνάβασιν.

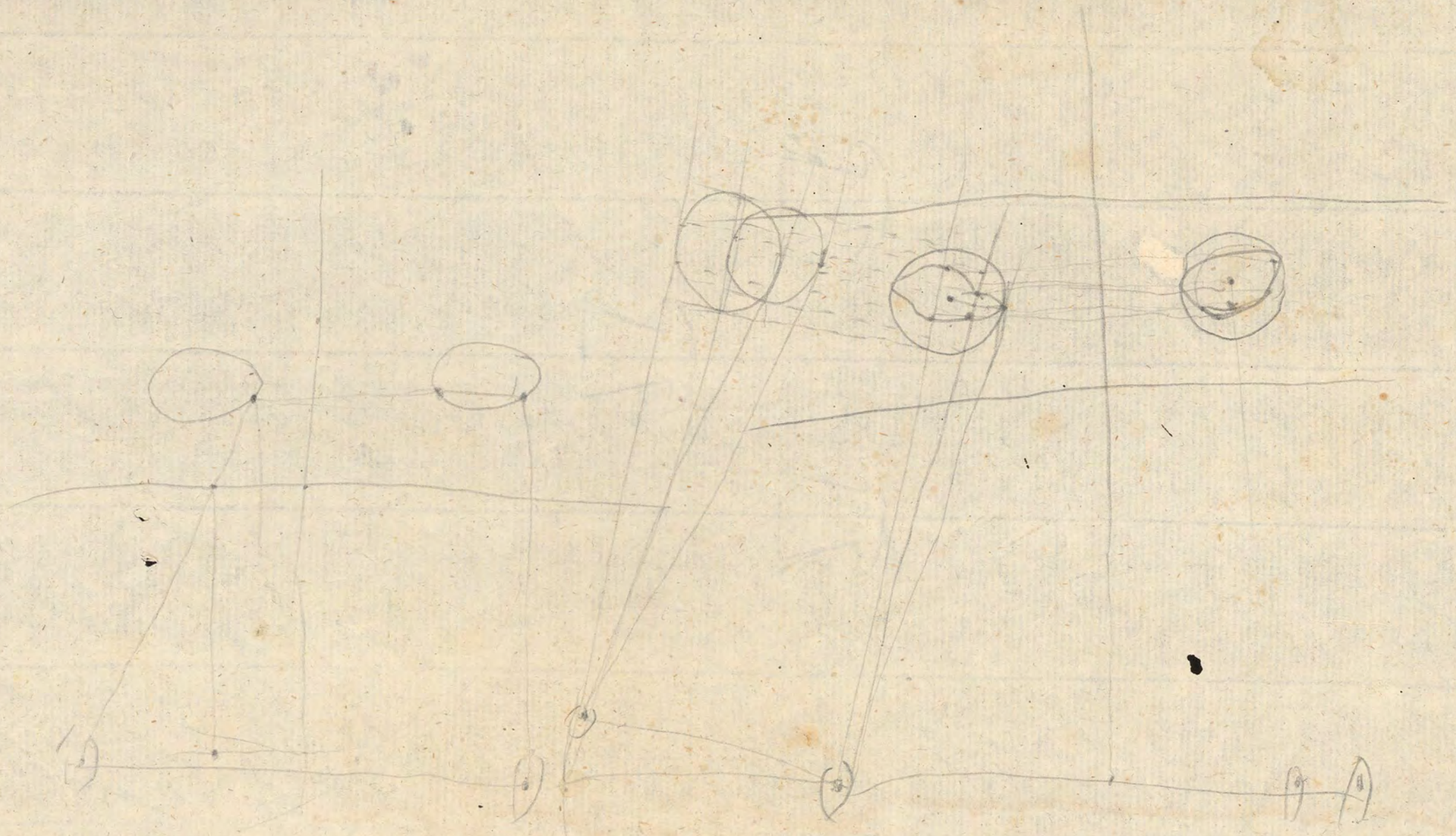
Τοῦ δὲ θεάτρου τὸν μὲν γὰρ ὁ ἐν μέσῳ τῷ ὑψηλοῦ τοῦ θεάτρου ἐστὶν τὸ κλίμακα (ἐστὶν Γ.Γ. κεφ. (Σ). Τὸ δὲ κοῖλον φανερὸν καὶ μέχρι τοῦτο φόβος κατὰ τὸ κλίμακα φανερὸν μόνον κεφαλὴν ἢ τὴν κατασκευὴν. ἔστω (Σ), (Σ') (Σ'') (Σ''') τὸ ΑΒ κεφαλὴν τὸ ἔχον τὸν τρόπον τὸν κατασκευάζειν ἐστὶν

Τὸ ἔχον τὸ μέν ἐστὶν τὸ κάτω κεφαλὴν κατὰ κάθετον τὸ ἔχον τὸ ἔνεστι κατασκευάζειν ἐστὶν. φανερὸν τὸ ἔχον τὸ ἔχον τὸν κατασκευάζειν ἐστὶν. ἢ τὸ Α. κάτω κεφαλὴν ἐφ' ἑκατέρου τοῦ δεῖν κάτω ἢ τὸ κάτω φαινόμενον τὸ κάτω καὶ τὸν ἄνω ἐστὶν κατὰ τὸν δεῖν ἀκρόασιν τὸ ἔχειν κλίμακα ἐστὶν ἢ τὸν κάτω τὸν Α. κάτω. κ.τ.λ.

Τὸ δὲ ἔχειν φάσκειν τὸ ἔχειν τὸ δεῖν τὸ ἐξαιρέτως φανερὸν ἢ τὸ ἀφανὲς καὶ ἀφόβως ὡς τὸ ἀφανὲς ἐστὶν ἢ τὸν κάτω κάτω.

Τὸ δὲ ἔχειν ἢ τὸν κάτω ἢ τὸν ἄνω. τὸ ἔχειν τὸ κάτω φανὲν καὶ τὸ φανὲν ἐστὶν καὶ τὸ φανὲν ἐστὶν





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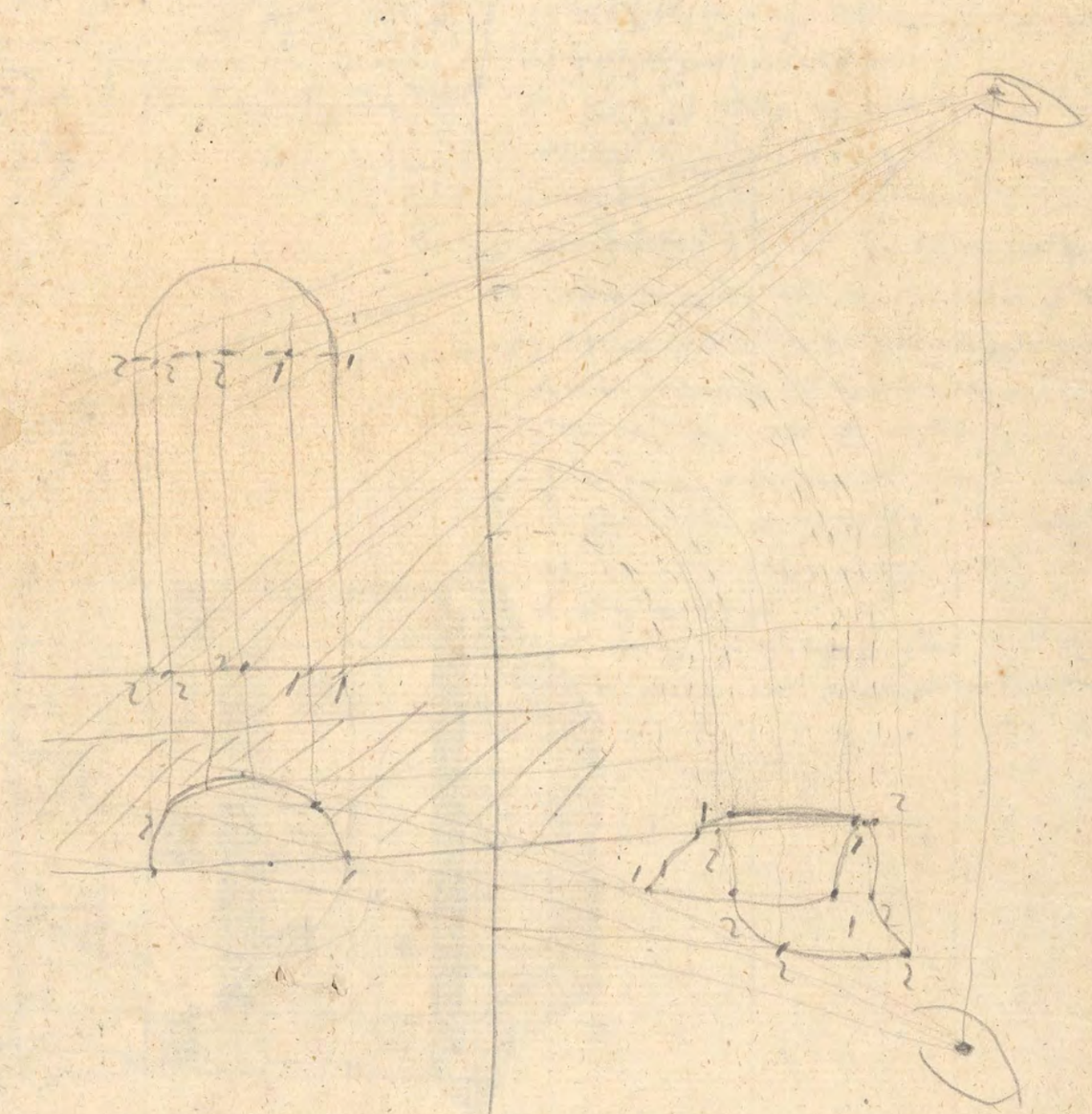
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