



ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ

ΔΗΜΟΣ ΑΘΗΝΑΙΩΝ

ΓΕΝΙΚΗ ΔΙΕΥΘΥΝΣΗ ΤΕΧΝΙΚΩΝ ΥΠΗΡΕΣΙΩΝ ΚΑΙ ΕΡΓΩΝ  
Δ/ΝΣΗ ΟΔΟΠΟΪΑΣ, ΑΠΟΧΕΤΕΥΣΗΣ & ΚΟΙΝΟΧΡΗΣΤΩΝ ΧΩΡΩΝ  
ΤΜΗΜΑ ΜΕΛΕΤΩΝ, ΤΕΚΜΗΡΙΩΣΗΣ & ΠΡΟΓΡΑΜΜΑΤΙΣΜΟΥ



ΜΕΛΕΤΗ ΓΙΑ ΤΗΝ ΑΝΤΙΜΕΤΩΠΙΣΗ ΤΩΝ ΠΛΗΜΜΥΡΙΚΩΝ ΦΑΙΝΟΜΕΝΩΝ  
ΣΤΗ ΛΕΩΦ. ΗΡΑΚΛΕΙΟΥ ΜΕΤΑΞΥ ΤΩΝ ΟΔΩΝ ΕΡΜΩΝΑΣΣΗΣ & ΑΓΙΑΣ ΑΝΑΣΤΑΣΙΑΣ  
ΣΤΗΝ ΠΕΡΙΟΧΗ ΡΙΖΟΥΠΟΛΗΣ Δ. ΑΘΗΝΑΙΩΝ

ΑΡΙΘΜΟΣ ΣΥΜΒΑΣΗΣ	ΦΑΣΗ ΜΕΛΕΤΗΣ	ΧΡΗΜΑΤΟΔΟΤΗΣΗ
21SYMV008458029		ΙΔΙΟΙ ΠΟΡΟΙ Κ.Α 7413.109

ΤΟΠΟΓΡΑΦΙΚΗ ΜΕΛΕΤΗ

ΕΚΠΟΝΗΣΗ ΜΕΛΕΤΗΣ				ΑΝΑΔΟΧΟΣ
				- ΥΔΡΟΕΞΥΓΙΑΝΤΙΚΗ Α.Ε - ΕΔΑΦΟΜΗΧΑΝΙΚΗ Α.Τ.Ε - ΦΟΥΚΑ ΜΑΡΙΑ
	ΗΜΕΡ/ΝΙΑ	ΟΝΟΜΑΤΕΠΩΝΥΜΟ	ΥΠΟΓΡΑΦΗ	
ΣΥΝΤΑΞΗ		ΜΑΡΙΑ ΦΟΥΚΑ		
ΕΛΕΓΧΟΣ		ΜΑΡΙΑ ΦΟΥΚΑ		
ΕΓΚΡΙΣΗ		ΜΑΡΙΑ ΦΟΥΚΑ		

ΘΕΩΡΗΣΗ ΥΠΗΡΕΣΙΑΣ

	ΗΜΕΡ/ΝΙΑ	ΟΝΟΜΑΤΕΠΩΝΥΜΟ	ΥΠΟΓΡΑΦΗ
ΕΠΙΒΛΕΠΟΝΤΕΣ ΜΗΧΑΝΙΚΟΙ		Α. ΜΟΝΕΜΒΑΣΙΩΤΗΣ	
		Σ. ΜΕΞΑΣ	
ΠΡΟΪΣΤΑΜΕΝΗ ΤΜΗΜΑΤΟΣ ΜΕΛΕΤΩΝ		ΑΙΚ. ΔΙΑΜΕΣΗ	
ΠΡΟΪΣΤΑΜΕΝΟΣ ΔΙΕΥΘΥΝΣΗΣ		Γ. ΝΕΟΦΥΤΟΥ	

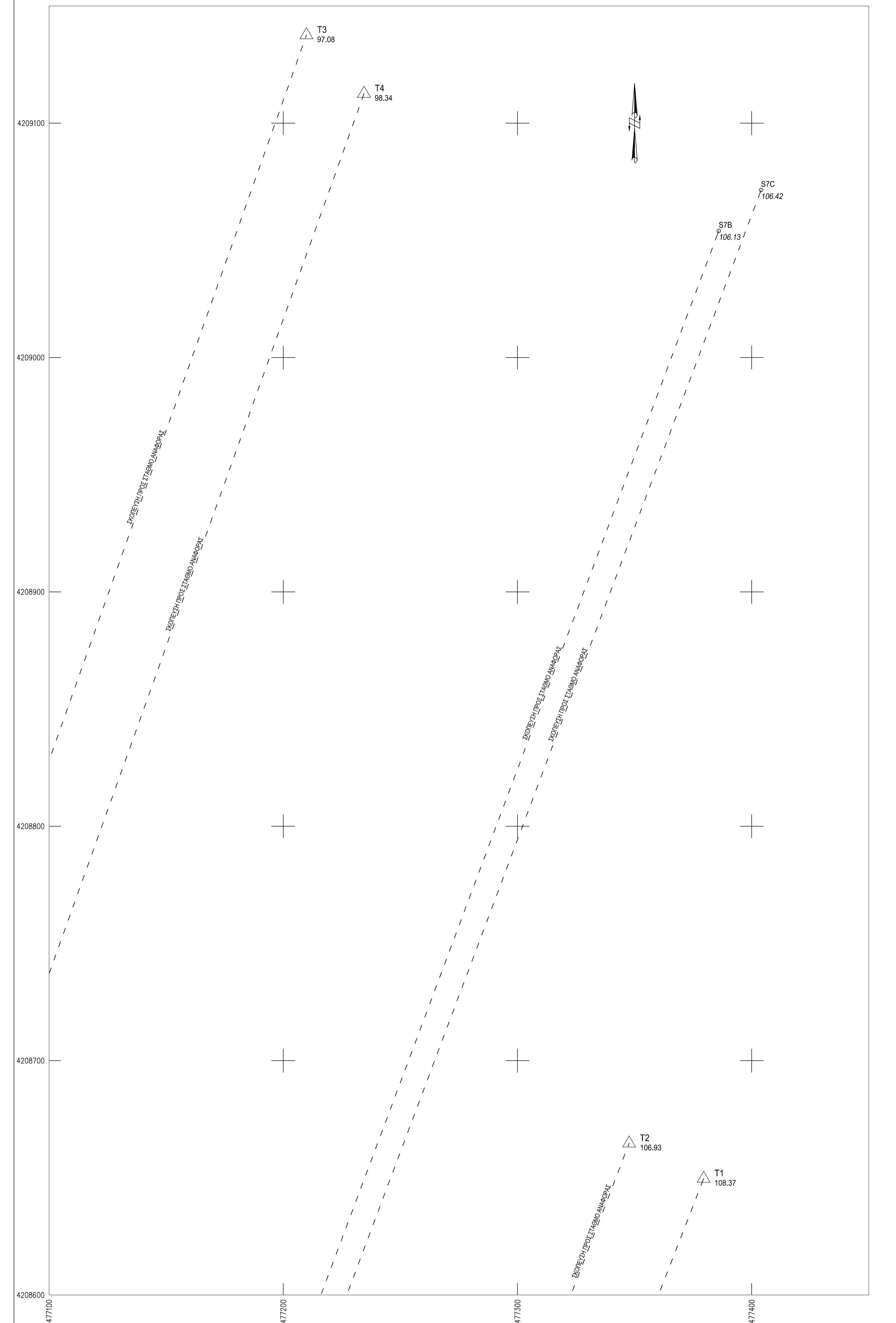
ΜΕΛΕΤΗ ΓΙΑ ΤΗΝ ΑΝΤΙΜΕΤΩΠΙΣΗ ΤΩΝ ΠΛΗΜΜΥΡΙΚΩΝ ΦΑΙΝΟΜΕΝΩΝ  
ΣΤΗ ΛΕΩΦ. ΗΡΑΚΛΕΙΟΥ ΜΕΤΑΞΥ ΤΩΝ ΟΔΩΝ ΕΡΜΩΝΑΣΣΗΣ & ΑΓΙΑΣ ΑΝΑΣΤΑΣΙΑΣ  
ΣΤΗΝ ΠΕΡΙΟΧΗ ΡΙΖΟΥΠΟΛΗΣ Δ. ΑΘΗΝΑΙΩΝ

## ΤΟΠΟΓΡΑΦΙΚΗ ΜΕΛΕΤΗ

### ΠΕΡΙΕΧΟΜΕΝΑ

Α. ΣΧΕΔΙΑ			
Α/Α	ΘΕΜΑ ΣΧΕΔΙΩΝ	ΚΛΙΜΑΚΑ	ΠΟΣΟΤΗΤΑ
1	ΔΙΑΓΡΑΜΜΑ ΕΞΑΡΤΗΣΗΣ - ΕΝΤΑΞΗΣ ΣΤΟ ΚΡΑΤΙΚΟ ΔΙΚΤΥΟ ΣΥΝ/ΝΩΝ (ΕΓΣΑ '87)	1 : 1.500	Τ-Ε.1 (1 ΣΧΕΔΙΟ)
2	ΔΙΑΓΡΑΜΜΑ ΧΩΡΟΣΤΑΘΜΗΣΗΣ	1 : 1.000	Τ-Χ.1 (1 ΣΧΕΔΙΟ)
3	ΔΙΑΓΡΑΜΜΑ ΠΟΛΥΓΩΝΟΜΕΤΡΙΑΣ	1 : 1.000	Τ-Π.1 (1 ΣΧΕΔΙΟ)
4	ΤΟΠΟΓΡΑΦΙΚΟ ΔΙΑΓΡΑΜΜΑ	1 : 500	Τ-Τ.1 (1 ΣΧΕΔΙΟ)

Β. ΤΕΥΧΗ		
Α/Α	ΘΕΜΑ ΤΕΥΧΩΝ	ΠΟΣΟΤΗΤΑ
1	ΤΕΧΝΙΚΗ ΕΚΘΕΣΗ ΤΟΠΟΓΡΑΦΙΚΗΣ ΜΕΛΕΤΗΣ	1 ΤΕΥΧΟΣ



ΥΠΟΜΝΗΜΑ ΣΥΜΒΟΛΩΝ

	Σημείο διπόλου εξάρτησης
	Σημείο πολυγωνομετρίας/διπόλου εξάρτησης
	Σκόπευση προς σταθμό αναφοράς

		ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ ΔΗΜΟΣ ΑΘΗΝΑΙΩΝ ΓΕΝΙΚΗ ΔΙΕΥΘΥΝΣΗ ΤΕΧΝΙΚΩΝ ΥΠΗΡΕΣΙΩΝ ΚΑΙ ΕΡΓΩΝ Δ/ΝΣΗ ΟΔΟΠΟΪΑΣ, ΑΠΟΧΕΤΕΥΣΗΣ & ΚΟΙΝΟΧΡΗΣΤΩΝ ΧΩΡΩΝ ΤΜΗΜΑ ΜΕΛΕΤΩΝ, ΤΕΚΜΗΡΙΩΣΗΣ & ΠΡΟΓΡΑΜΜΑΤΙΣΜΟΥ	
<b>ΜΕΛΕΤΗ ΓΙΑ ΤΗΝ ΑΝΤΙΜΕΤΩΠΙΣΗ ΤΩΝ ΠΛΗΜΜΥΡΙΚΩΝ ΦΑΙΝΟΜΕΝΩΝ          ΣΤΗ ΛΕΩΦ. ΗΡΑΚΛΕΙΟΥ ΜΕΤΑΞΥ ΤΩΝ ΟΔΩΝ ΕΡΜΩΝΑΣΣΗΣ &amp; ΑΓΙΑΣ ΑΝΑΣΤΑΣΙΑΣ          ΣΤΗΝ ΠΕΡΙΟΧΗ ΡΙΖΟΥΠΟΛΗΣ Δ. ΑΘΗΝΑΙΩΝ</b>			
ΑΡΙΘΜΟΣ ΣΥΜΒΑΣΗΣ	ΦΑΣΗ ΜΕΛΕΤΗΣ	ΧΡΗΜΑΤΟΔΟΤΗΣΗ	
21ΣΥΜΝ008458029		ΙΔΙΟΙ ΠΟΡΟΙ Κ.Α 7413.109	
<b>ΤΟΠΟΓΡΑΦΙΚΗ ΜΕΛΕΤΗ</b>			
ΘΕΜΑ ΣΧΕΔΙΟΥ:			
ΔΙΑΓΡΑΜΜΑ ΕΞΑΡΤΗΣΗΣ - ΕΝΤΑΞΗΣ ΣΤΟ ΚΡΑΤΙΚΟ ΔΙΚΤΥΟ ΣΥΝ/ΝΩΝ (ΕΓΣΑ '87)			
ΚΛΙΜΑΚΑ: 1:1000		ΑΡ. ΣΧΕΔΙΟΥ: T-E.1	
ΕΚΠΟΝΗΣΗ ΜΕΛΕΤΗΣ		ΑΝΑΔΟΧΟΣ	
Digitally signed by ΜΑΡΙΑ ΦΟΥΚΑ Date: 2021.12.22 12:58:02 EET		- ΥΔΡΟΕΥΓΙΑΝΤΙΚΗ Α.Ε - ΕΔΑΦΟΜΗΧΑΝΙΚΗ Α.Τ.Ε - ΦΟΥΚΑ ΜΑΡΙΑ	
	ΗΜΕΡ/ΝΙΑ	ΟΝΟΜΑΤΕΠΩΝΥΜΟ	ΥΠΟΓΡΑΦΗ
ΣΥΝΤΑΞΗ		ΜΑΡΙΑ ΦΟΥΚΑ	
ΕΛΕΓΧΟΣ		ΜΑΡΙΑ ΦΟΥΚΑ	
ΕΓΚΡΙΣΗ		ΜΑΡΙΑ ΦΟΥΚΑ	
ΘΕΩΡΗΣΗ ΥΠΗΡΕΣΙΑΣ			
	ΗΜΕΡ/ΝΙΑ	ΟΝΟΜΑΤΕΠΩΝΥΜΟ	ΥΠΟΓΡΑΦΗ
ΕΠΙΒΛΕΠΟΝΤΕΣ ΜΗΧΑΝΙΚΟΙ		Α. ΜΟΝΕΜΒΑΣΙΩΤΗΣ	ADAMANTIOS MONEMVASIOTIS <small>Digitally signed by ADAMANTIOS MONEMVASIOTIS Date: 2021.12.23 13:07:31 +02'00'</small>
		Σ. ΜΕΞΑΣ	SPYRIDON MEXAS <small>Digitally signed by SPYRIDON MEXAS Date: 2021.12.23 13:27:05 +02'00'</small>
ΠΡΟΪΣΤΑΜΕΝΗ ΤΜΗΜΑΤΟΣ ΜΕΛΕΤΩΝ		Κ. ΜΑΡΟΥΓΚΑ	KONSTANTINA MAROUGKA <small>Digitally signed by KONSTANTINA MAROUGKA Date: 2021.12.23 14:08:13 +02'00'</small>
ΠΡΟΪΣΤΑΜΕΝΟΣ ΔΙΕΥΘΥΝΣΗΣ		Γ. ΝΕΟΦΥΤΟΥ	GEORGIOS NEOFYTOY <small>Digitally signed by GEORGIOS NEOFYTOY Date: 2021.12.23 14:08:42 +02'00'</small>



**ΓΕΩΔΑΙΤΙΚΟ ΣΥΣΤΗΜΑ**  
 ΕΓ.Σ.Α. 87 (Ελληνικό Γεωδαιτικό Σύστημα Αναφοράς)  
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 Εγκάρσια Μετατοριστική Προβολή  
 Κεντρικός Μεταβλητός  $\lambda = 24^\circ$   $K = 0,999600$   
 Στον Κεντρικό Μεταβλητό Αναφοράς το  $x = 500.000$  μ.  
 Γεωγραφικό Πλάτος Αναφοράς:  $0^\circ 00' 00''$

**ΥΠΟΜΗΝΗΜΑ ΣΥΜΒΟΛΩΝ**

Σημείο πολυγωνομετρίας	Καλώδιο ΟΤΕ	Κράσπεδο
Ενδοκτικό υψόμετρο	Καλώδιο ΔΕΗ	Ασφαλτοστρώμα
Πλακοκεπέλες	Ορθή γωνιοτήκη κολώνα	Μανδρατογάρι
Κατασκευαστικές	Φυλακική κολώνα	Κάγκελο
Λαβήρανα	Υδροπλάστη	Σταθμοπέλασμα
Βερόνιο-Υπόστρωμα	Καταρτάκι	Φυσικό πηγάδι
Πλακάκι	Δένδρο	Πλάι πηγάδι
Κρουνοί	Περίκτο	Φράγμα
Φράγμα	Λιμνοθάλασσα	

ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ  
 ΔΗΜΟΣ ΑΘΗΝΑΙΩΝ  
 ΓΕΝΙΚΗ ΔΙΕΥΘΥΝΣΗ ΤΕΧΝΙΚΩΝ ΥΠΗΡΕΣΙΩΝ ΚΑΙ ΕΡΓΩΝ  
 Δ/ΝΣΗ ΟΔΟΠΟΙΙΑΣ, ΑΠΟΧΕΤΕΥΣΗΣ & ΚΟΙΝΟΧΡΗΣΤΩΝ ΧΩΡΩΝ  
 ΤΜΗΜΑ ΜΕΛΕΤΩΝ, ΤΕΚΜΗΡΙΩΣΗΣ & ΠΡΟΓΡΑΜΜΑΤΙΣΜΟΥ

ΜΕΛΕΤΗ ΓΙΑ ΤΗΝ ΑΝΤΙΜΕΤΩΠΙΣΗ ΤΩΝ ΠΛΗΜΜΥΡΙΚΩΝ ΦΑΙΝΟΜΕΝΩΝ  
 ΣΤΗ ΛΕΩΦ. ΗΡΑΚΛΕΙΟΥ ΜΕΤΑΛΥ ΤΩΝ ΟΔΩΝ ΕΡΜΙΩΝΑΣΣΗΣ & ΑΓΙΑΣ ΑΝΑΣΤΑΣΙΑΣ  
 ΣΤΗΝ ΠΕΡΙΟΧΗ ΡΙΖΟΥΠΟΛΗΣ Δ. ΑΘΗΝΑΙΩΝ

ΑΡΙΘΜΟΣ ΣΥΜΒΑΣΗΣ: 215ΥΜ/008458029  
 ΦΑΣΗ ΜΕΛΕΤΗΣ: ΧΡΗΜΑΤΟΔΟΤΗΣΗ  
 ΙΔΙΟΙ ΠΟΡΟΙ Κ.Α. 7413.109

**ΤΟΠΟΓΡΑΦΙΚΗ ΜΕΛΕΤΗ**

ΘΕΜΑ ΣΧΕΔΙΟΥ: **ΤΟΠΟΓΡΑΦΙΚΟ ΔΙΑΓΡΑΜΜΑ**

ΚΑΙΜΑΚΑ: 1:500  
 ΑΡ. ΣΧΕΔΙΟΥ: T-T,1

ΕΚΤΙΜΩΜΕΝΗ ΜΕΛΕΤΗΣ: ΑΝΑΔΟΧΟΣ

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 Date: 2021.12.22 13:00:50 EET

- ΥΑΡΕΒΥΓΓΙΑΝΤΙΚΗ Α.Ε  
 - ΕΔΑΦΟΜΗΧΑΝΙΚΗ Α.Τ.Ε  
 - ΦΟΥΚΑ ΜΑΡΙΑ

ΗΜΕΡΩΝΙΑ	ΟΝΟΜΑΤΕΠΩΝΥΜΟ	ΥΠΟΓΡΑΦΗ
ΣΥΝΤΑΞΗ	ΜΑΡΙΑ ΦΟΥΚΑ	
ΕΛΕΓΧΟΣ	ΜΑΡΙΑ ΦΟΥΚΑ	
ΕΓΚΡΙΣΗ	ΜΑΡΙΑ ΦΟΥΚΑ	

**ΓΕΩΡΓΙΚΗ ΥΠΗΡΕΣΙΑΣ**

ΗΜΕΡΩΝΙΑ	ΟΝΟΜΑΤΕΠΩΝΥΜΟ	ΥΠΟΓΡΑΦΗ
ΕΠΙΒΛΕΠΟΝΤΕΣ ΜΗΧΑΝΙΚΟΙ	Α. ΜΟΝΕΜΒΑΣΙΩΤΗΣ	ΑΔΑΜΑΝΤΙΟΣ ΜΟΝΕΜΒΑΣΙΩΤΗΣ
	Σ. ΜΕΣΑΣ	ΣΠΥΡΙΔΩΝ ΜΕΣΑΣ
ΠΡΟΣΤΑΜΕΝΗ ΤΜΗΜΑΤΟΣ ΜΕΛΕΤΩΝ	Κ. ΜΑΡΟΥΤΚΑ	ΚΩΝΣΤΑΝΤΙΝΑ ΜΑΡΟΥΤΚΑ
ΠΡΟΣΤΑΜΕΝΟΣ ΔΙΕΥΘΥΝΣΗΣ	Γ. ΝΕΟΦΥΤΟΥ	ΓΕΩΡΓΙΟΣ ΝΕΟΦΥΤΟΥ

ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ  
ΔΗΜΟΣ ΑΘΗΝΑΙΩΝ  
ΓΕΝΙΚΗ ΔΙΕΥΘΥΝΣΗ ΤΕΧΝΙΚΩΝ ΥΠΗΡΕΣΙΩΝ ΚΑΙ ΕΡΓΩΝ  
Δ/ΝΣΗ ΟΔΟΠΟΪΙΑΣ, ΑΠΟΧΕΤΥΣΗΣ & ΚΟΙΝΟΧΡΗΣΤΩΝ ΧΩΡΩΝ  
ΤΜΗΜΑ ΜΕΛΕΤΩΝ, ΤΕΚΜΗΡΙΩΣΗΣ & ΠΡΟΓΡΑΜΜΑΤΙΣΜΟΥ

**ΜΕΛΕΤΗ ΓΙΑ ΤΗΝ ΑΝΤΙΜΕΤΩΠΙΣΗ ΤΩΝ ΠΛΗΜΜΥΡΙΚΩΝ ΦΑΙΝΟΜΕΝΩΝ  
ΣΤΗ ΛΕΩΦ. ΗΡΑΚΛΕΙΟΥ ΜΕΤΑΞΥ ΤΩΝ ΟΔΩΝ ΕΡΜΩΝΑΣΣΗΣ & ΑΓΙΑΣ ΑΝΑΣΤΑΣΙΑΣ  
ΣΤΗΝ ΠΕΡΙΟΧΗ ΡΙΖΟΥΠΟΛΗΣ Δ. ΑΘΗΝΑΙΩΝ**

**ΤΕΧΝΙΚΗ ΕΚΘΕΣΗ ΤΟΠΟΓΡΑΦΙΚΗΣ ΜΕΛΕΤΗΣ**

ADAMANTIOS  
MONEMVASIOTIS

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ADAMANTIOS MONEMVASIOTIS  
Date: 2021.12.23 13:12:06  
+02'00'

SPYRIDON  
MEKAS

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SPYRIDON MEKAS  
Date: 2021.12.23 13:31:06  
+02'00'

KONSTANTINA  
MAROUGKA

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KONSTANTINA MAROUGKA  
Date: 2021.12.28 14:12:51  
+02'00'

GEORGIOS  
NEOFYTOS

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NEOFYTOS  
Date: 2021.12.28 14:13:23 +02'00'

ΑΝΑΔΟΧΟΣ ΕΡΓΟΥ:

- ΥΔΡΟΕΞΥΓΙΑΝΤΙΚΗ Α.Ε
- ΕΔΑΦΟΜΗΧΑΝΙΚΗ Α.Τ.Ε
- ΜΑΡΙΑ ΦΟΥΚΑ

ΕΚΠΟΝΗΣΗ ΜΕΛΕΤΗΣ:

ΜΑΡΙΑ ΦΟΥΚΑ  
Αγρ. Τοπογράφος Μηχανικός Ε.Μ.Π.

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ΜΑΡΙΑ ΦΟΥΚΑ  
Date: 2021.12.22  
13:04:42 EET

## ΠΕΡΙΕΧΟΜΕΝΑ

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## 1. ΕΙΣΑΓΩΓΗ

Η παρούσα τοπογραφική μελέτη πραγματοποιείται στα πλαίσια της «ΜΕΛΕΤΗ ΓΙΑ ΤΗΝ ΑΝΤΙΜΕΤΩΠΙΣΗ ΤΩΝ ΠΛΗΜΜΥΡΙΚΩΝ ΦΑΙΝΟΜΕΝΩΝ ΣΤΗ ΛΕΩΦ. ΗΡΑΚΛΕΙΟΥ ΜΕΤΑΞΥ ΤΩΝ ΟΔΩΝ ΕΡΜΩΝΑΣΣΗΣ & ΑΓΙΑΣ ΑΝΑΣΤΑΣΙΑΣ ΣΤΗΝ ΠΕΡΙΟΧΗ ΡΙΖΟΥΠΟΛΗΣ Δ. ΑΘΗΝΑΙΩΝ», (Σύμβαση 21ΣΥΜΝ008458029)

Αντικείμενο της παρούσας σύμβασης αποτελεί η εκπόνηση των απαιτούμενων μελετών για την αντιμετώπιση του προβλήματος πλημμύρας που παρατηρείται στην ανάντη περιοχή της λεωφόρου Ηρακλείου, σε θέση 250μ περίπου νότια του σταθμού «Περισσός» του ΗΣΑΠ. Οι μελέτες αυτές αφορούν στην κατασκευή ενός υπόγειου αγωγού μήκους 380μ. Για τη διέλευση κάτω από τη σιδηροδρομική γραμμή θα απαιτηθεί η κατασκευή μικροσήραγγας μήκους 50μ. και έργο εκβολής στον Ποδονίφτη. Στο αντικείμενο της μελέτης περιλαμβάνονται οι απαιτούμενες υδραυλικές μελέτες, τοπογραφικές και γεωτεχνικές έρευνες και μελέτες.

Η περιοχή μελέτης βρίσκεται στην 5η Δημοτική Κοινότητα (πρώην Δημοτικό Διαμέρισμα) του Δήμου Αθηναίων. Στην περιοχή μεταξύ των γραμμών του τρένου και (Κάτω) Πατησίων συναντάμε πολύ ιδιαίτερες και καθαρές γραμμές στην μορφή των κτηρίων, καθώς και μοντέρνα κτήρια σε σειρά, κυρίως επί των οδών Ιακωβίδου, Ηλία Ζερβού, Πάτμου κ.α. Στο διαμέρισμα κυριαρχούν μονώροφες και διώροφες κατοικίες με εξαίρεση αρκετά τριώροφα και τετραώροφα γύρω από την οδό Πατησίων. Στην πρώην κηπούπολη Κυπριάδου, στην περιοχή πάνω και γύρω από την οδό Γαλατσίου, όπως και στην οδό Αγίας Λαύρας, τα κτήρια αυτού του είδους είναι μεγαλύτερα και περιβάλλονται από κήπο.

## 2. ΣΥΝΟΠΤΙΚΗ ΠΕΡΙΓΡΑΦΗ ΤΟΥ ΤΟΠΟΓΡΑΦΙΚΟΥ ΑΝΤΙΚΕΙΜΕΝΟΥ

Η εκπόνηση και παρουσίαση της μελέτης πραγματοποιείται σύμφωνα με τις ισχύουσες τεχνικές προδιαγραφές, με τους κανόνες της τέχνης και της επιστήμης και τις θεσμοθετημένες προδιαγραφές των σχετικών έργων.

Η παρούσα τεχνική περιγραφή παρουσιάζει τη τοπογραφική αποτύπωση του προαναφερόμενου αντικειμένου και αποτελείται από τα παρακάτω κεφάλαια:

- Την Γεωδαιτική Εξάρτηση της αποτύπωσης.
- Την Υψομετρική Εξάρτηση μέσω της Γεωμετρικής Χωροστάθμησης
- Την Πολυγωνομετρία
- Την Ταχυμετρική Αποτύπωση

Το γεωδαιτικό σύστημα αναφοράς το οποίο χρησιμοποιείται στα πλαίσια της παρούσας μελέτης είναι το «Ελληνικό Γεωδαιτικό Σύστημα Αναφοράς του 1987» (ΕΓΣΑ'87), με ελλειψοειδές αναφοράς αυτό του συστήματος GRS '80.

### 3. ΓΕΩΔΑΙΤΙΚΗ ΑΝΑΦΟΡΑ - ΕΠΙΛΥΣΗ ΔΙΚΤΥΟΥ

Για την γεωδαιτική αναφορά των οδεύσεων πολυγωνομετρίας μετρήθηκαν δίπολα εξάρτησης με την χρήση GNSS δορυφορικού συστήματος στην σύγχρονη μέθοδο RTK με γεωδαιτική αναφορά το προβολικό σύστημα URANUS της TREECOMP. Συνολικά μετρήθηκαν και χρησιμοποιήθηκαν 6 σημεία για την γεωδαιτική αναφορά της αποτύπωσης που παρουσιάζονται στον επόμενο πίνακα.

A/A	X	Y	Z
T1	477379.485	4208649.692	108.370
T2	477347.664	4208664.734	106.930
T3	477209.887	4209137.546	97.080
T4	477234.481	4209112.578	98.340
S7B	477385.930	4209054.026	106.130
S7C	477404.001	4209071.448	106.420

Η επίλυση της εξάρτησης παρουσιάζεται το παράρτημα της παρούσης.

### 4. ΥΨΟΜΕΤΡΙΚΗ ΑΝΑΦΟΡΑ – ΠΥΚΝΩΣΗ ΥΨΟΜΕΤΡΙΚΟΥ ΔΙΚΤΥΟΥ

Για την υψομετρική εξάρτηση των οδεύσεων πολυγωνομετρίας πραγματοποιήθηκε χωροστάθμιση χρησιμοποιώντας τις υψομετρικές αφετηρίες του Δ. Αθηναίων R327 και R967 επί των οδών Ταναΐδος και Αμασίου αντίστοιχα.

#### 4.1 Υψομετρική επίλυση - Αποτελέσματα

<i>Εργο</i>	<i>PERISSOS_150621</i>
<i>Επίλυση</i>	<i>Χωροστάθμιση 1</i>
<i>σ0 a priori</i>	<i>1</i>
<i>σ0 a posteriori</i>	<i>0.0852</i>
<i>Αριθμός Υψομετρικών διαφορών</i>	<i>50</i>
<i>Γνωστά Υψόμετρα</i>	<i>27</i>
<i>Άγνωστα Υψόμετρα</i>	<i>25</i>
<i>Βαθμοί Ελευθερίας</i>	<i>25</i>

ΣΗΜΕΙΟ	ΥΨΟΜΕΤΡΟ
R967	95.063
R327	115.675
S1	106.389
S2	104.955
S3	103.417
S4	103.311
S5	102.958
S5A	103.239
S6	102.805

ΣΗΜΕΙΟ	ΥΨΟΜΕΤΡΟ
S7	103.586
S7A	103.777
S7B	106.131
S8	101.725
S9	100.749
S10	99.334
S11	97.977
S12	97.544
S13	97.134

ΣΗΜΕΙΟ	ΥΨΟΜΕΤΡΟ
S14	97.040
S15	96.830
S16	96.673
T1	108.370
T2	106.929
T3	97.075
T4	98.338



#### 4.2 Υψομετρική επίλυση - Παρατηρήσεις

Σταθμός	Σκόπευση	Παρατήρηση	Διόρθωση	Συνορθωμένη Παρατήρηση	σ <sub>αpriori</sub>	σ <sub>αposteriori</sub>	MDE	Ατομικός δείκτης στατιστικού ελέγχου
R967	S12	2.497	0.000	2.497	0.001	0.015	0.088	-0.047
S12	S13	-0.410	0.000	-0.410	0.001	0.015	0.088	-0.047
S13	R*	0.177	0.000	0.177	0.001	0.015	0.072	0.000
R*	S13	-0.177	0.000	-0.177	0.001	0.015	0.072	0.000
S13	S14	-0.095	-0.001	-0.096	0.001	0.015	0.088	-0.047
S14	S15	-0.209	0.001	-0.208	0.001	0.015	0.088	0.094
S15	S14	0.207	0.001	0.208	0.001	0.015	0.088	0.094
S14	S13	0.096	0.000	0.096	0.001	0.015	0.088	-0.047
S13	R*	0.176	0.001	0.177	0.001	0.015	0.072	0.077
R*	S13	-0.178	0.001	-0.177	0.001	0.015	0.072	0.077
S13	S12	0.411	-0.001	0.410	0.001	0.015	0.088	-0.047
S12	R967	-2.496	-0.001	-2.497	0.001	0.015	0.088	-0.047
S12	S11	0.432	0.001	0.433	0.001	0.015	0.088	0.047
S11	S10	1.359	-0.001	1.358	0.001	0.015	0.088	-0.141
S10	S9	1.416	-0.001	1.415	0.001	0.015	0.088	-0.141
S8	T2	0.468	-0.002	0.466	0.001	0.015	0.088	-0.141
S7	T2	-1.399	0.000	-1.399	0.001	0.015	-	-
T2	S8	-0.465	-0.001	-0.466	0.001	0.015	0.088	-0.141
S9	S10	-1.413	-0.002	-1.415	0.001	0.015	0.088	-0.141
S10	S11	-1.356	-0.002	-1.358	0.001	0.015	0.088	-0.141
S11	S12	-0.433	0.000	-0.433	0.001	0.015	0.088	0.047
S7	S7A	0.192	0.000	0.192	0.001	0.015	0.088	0.000
S7A	S7B	2.354	-0.001	2.353	0.001	0.015	0.088	-0.094
S7B	S7A	-2.352	-0.001	-2.353	0.001	0.015	0.088	-0.094
S7A	S7	-0.192	0.000	-0.192	0.001	0.015	0.088	0.000
S7	S6	-0.780	-0.001	-0.781	0.001	0.015	0.088	-0.047
S6	S5	0.153	0.000	0.153	0.001	0.015	0.088	0.000
S5	S5A	0.248	0.000	0.248	0.001	0.015	0.108	0.038
S5A	S4	0.104	0.000	0.104	0.001	0.015	0.108	0.038
S4	S3	0.107	0.000	0.107	0.001	0.015	0.088	-0.047
S3	S2	1.535	0.003	1.538	0.001	0.015	0.088	0.236
S2	S1	1.435	0.000	1.435	0.001	0.015	0.088	-0.047
S1	R327	9.304	-0.001	9.303	0.001	0.015	0.088	-0.094
R327	S1	-9.302	-0.001	-9.303	0.001	0.015	0.088	-0.094
S1	S2	-1.434	-0.001	-1.435	0.001	0.015	0.088	-0.047
S2	S3	-1.540	0.002	-1.538	0.001	0.015	0.088	0.236
S3	S4	-0.106	-0.001	-0.107	0.001	0.015	0.088	-0.047
S4	S5	-0.353	0.000	-0.353	0.001	0.015	0.108	0.038
S5	S6	-0.153	0.000	-0.153	0.001	0.015	0.088	0.000
S6	S7	0.781	0.000	0.781	0.001	0.015	0.088	-0.047
T1	T2	-1.442	0.000	-1.442	0.001	0.015	0.088	0.000
T2	S1	-0.540	0.000	-0.540	0.001	0.015	0.088	0.000

Σταθμός	Σκόπευση	Παρατήρηση	Διόρθωση	Συνορθωμένη Παρατήρηση	σ <sub>αpriori</sub>	σ <sub>αposteriori</sub>	MDE	Ατομικός δείκτης στατιστικού ελέγχου
S1	T2	0.540	0.000	0.540	0.001	0.015	0.088	0.000
T2	T1	1.442	0.000	1.442	0.001	0.015	0.088	0.000
S14	S16	-0.367	-0.001	-0.368	0.001	0.015	0.088	-0.094
S16	T3	0.402	-0.001	0.401	0.001	0.015	0.088	-0.047
T3	T4	1.262	0.001	1.263	0.001	0.015	0.088	0.047
T4	T3	-1.263	0.000	-1.263	0.001	0.015	0.088	0.047
T3	S16	-0.401	0.000	-0.401	0.001	0.015	0.088	-0.047
S16	S14	0.369	-0.001	0.368	0.001	0.015	0.088	-0.094

## 5. ΔΙΚΤΥΟ ΠΟΛΥΓΩΝΟΜΕΤΡΙΑΣ

### 5.1 Επίλυση Οδεύσεων Πολυγωνομετρίας

Έργο: PERISSOS

Όδευση: Όδευση 1

Τύπος Όδευσης: Πρωτεύουσα

Τύπος εδάφους: Ομαλό

#### Επίλυση Όδευσης

Κορυφή	Γωνία β	S	X	Y	Z
	Διόρθωση δβ		ΔX	ΔY	ΔZ
	Γωνία α		δX	δY	δZ
α αφετηρ. στο S8	119.5020				
S7	317.3806	40.665	477351.186	4208935.903	103.592
	-0.0061		-22.260	-34.031	-0.780
	236.8765		-0.006	0.009	-0.001
S6	185.8340	45.729	477328.920	4208901.880	102.810
	-0.0061		-15.965	-42.851	0.153
	222.7044		-0.007	0.010	-0.002
S5	196.4706	88.470	477312.948	4208859.039	102.962
	-0.0061		-26.238	-84.489	0.353
	219.1688		-0.013	0.019	-0.003
S4	210.3976	39.130	477286.698	4208774.568	103.312
	-0.0061		-17.523	-34.987	0.111
	229.5603		-0.006	0.008	-0.001
S3	95.8322	52.906	477269.168	4208739.590	103.422
	-0.0061		48.755	-20.543	1.536
	125.3864		-0.008	0.011	-0.002
S2	195.6718	31.950	477317.916	4208719.058	104.956
	-0.0061		30.219	-10.374	1.436
	121.0520		-0.005	0.007	-0.001
S1	279.6196	43.969	477348.130	4208708.692	106.391
	-0.0061		-0.460	-43.967	0.540
	200.6655		-0.006	0.009	-0.002
T2	127.4522	X',Y',H'	477347.714	4208664.660	106.942
α' κλεισίμ. στο T1	128.1606	X, Y, H	477347.664	4208664.734	106.929

α κλεισίμ.	128.1116	Wx,Wy,Wh	-0.050	0.074	-0.013
Wβ	-0.0491	Ορ.μήκος	342.819	Ορ.Σφάλμα	0.089

Ανεκτά Σφάλματα (Π.Δ. 696/74)					
Γωνιακά	0.0566	Οριζοντιογραφικά	0.235	Υψομετρικά	0.458

#### Οριζόντιες Γωνίες

Προηγούμενη Στάση	Σταθμός	Επόμενη Στάση	Οριζόντια Γωνία	Μέση Ορ. Γωνία	Συμμετοχή
S8 ( 1, I)	S7	S6 ( 1, I)	317.3806	317.3806	Ναί
S7 ( 1, I)	S6	S5 ( 1, I)	185.8340	185.8340	Ναί
S6 ( 1, I)	S5	S4 ( 1, I)	196.4706	196.4706	Ναί
S5 ( 1, I)	S4	S3 ( 1, I)	210.3976	210.3976	Ναί
S4 ( 1, I)	S3	S2 ( 1, I)	95.8322	95.8322	Ναί
S3 ( 1, I)	S2	S1 ( 1, I)	195.6718	195.6718	Ναί
S2 ( 1, I)	S1	T2 ( 1, I)	279.6196	279.6196	Ναί
S1 ( 1, I)	T2	T1 ( 1, I)	127.4522	127.4522	Ναί

#### Οριζόντιες Πλευρές

Πλευρά	Σκόπευση Από	Σκόπευση Προς	Ορ. Απόσταση	Μέση Ορ. Απόσταση	Μέγιστο Επιτ. Σφάλμα
2	S7	S6	40.651	40.665	0.017
	S6	S7	40.680		0.017
3	S6	S5	45.729	45.729	0.018
	S5	S6	45.729		0.018
4	S5	S4	88.466	88.470	0.028
	S4	S5	88.473		0.028
5	S4	S3	39.124	39.130	0.016
	S3	S4	39.137		0.016
6	S3	S2	52.907	52.906	0.020
	S2	S3	52.905		0.020
7	S1	S2	31.934	31.950	0.014
	S2	S1	31.965		0.014
8	T2	S1	43.967	43.969	0.018
	S1	T2	43.972		0.018

#### Υψομετρικές Διαφορές

Πλευρά	Σκόπευση Από	Σκόπευση Προς	Υψ. Διαφορά	Μέση Υψ. Διαφορά	Συμμετοχή
2	S7	S6	-0.777	-0.780	Ναί
	S6	S7	0.783		Ναί
3	S6	S5	0.156	0.153	Ναί
	S5	S6	-0.151		Ναί
4	S5	S4	0.358	0.353	Ναί
	S4	S5	-0.349		Ναί
5	S4	S3	0.111	0.111	Ναί
	S3	S4	-0.111		Ναί
6	S3	S2	1.537	1.536	Ναί

	S2	S3	-1.535		Ναί
7	S1	S2	-1.435	1.436	Ναί
	S2	S1	1.438		Ναί
8	T2	S1	-0.538	0.540	Ναί
	S1	T2	0.541		Ναί

Έργο: PERISSOS

Όδευση: Όδευση 2

Τύπος Όδευσης: Πρωτεύουσα

Τύπος εδάφους: Ομαλό

#### Επίλυση Όδευσης

Κορυφή	Γωνία β	S	X	Y	Z
	Διόρθωση δβ		ΔX	ΔY	ΔZ
	Γωνία α		δX	δY	δZ
α αφετηρ. στο T4	350.4804				
T3	100.0882	27.911	477209.887	4209137.546	97.075
	0.0009		-19.912	-19.559	-0.403
	250.5695		-0.003	0.007	0.000
S16	180.4616	36.454	477189.972	4209117.994	96.672
	0.0009		-17.074	-32.208	0.156
	231.0319		-0.004	0.008	0.000
S15	131.3358	29.240	477172.895	4209085.794	96.828
	0.0009		16.295	-24.279	0.208
	162.3686		-0.003	0.007	0.000
S14	243.4018	26.812	477189.187	4209061.522	97.036
	0.0009		-2.427	-26.702	0.097
	205.7713		-0.003	0.006	0.000
S13	202.3528	43.436	477186.757	4209034.826	97.132
	0.0009		-5.529	-43.083	0.412
	208.1250		-0.004	0.010	-0.001
S12	97.9002	29.045	477181.224	4208991.753	97.543
	0.0009		28.915	-2.745	0.434
	106.0260		-0.003	0.007	0.000
S11	220.6890	50.534	477210.136	4208989.015	97.977
	0.0009		46.149	-20.590	1.360
	126.7159		-0.005	0.012	-0.001
S10	182.2610	33.847	477256.279	4208968.437	99.336
	0.0009		33.511	-4.757	1.412
	108.9778		-0.003	0.008	0.000
S9	226.2952	32.548	477289.787	4208963.688	100.748
	0.0009		27.678	-17.125	0.977
	135.2739		-0.003	0.008	0.000
S8	184.2394	35.377	477317.461	4208946.570	101.724
	0.0009		33.728	-10.675	1.868
	119.5141		-0.004	0.008	0.000
S7	89.3580	43.727	477351.186	4208935.903	103.592
	0.0009		6.075	43.303	0.194
	8.8730		-0.004	0.010	-0.001
S7A	214.4384	80.102	477357.257	4208979.216	103.785

	0.0009		28.681	74.791	2.347
	23.3123		-0.008	0.019	-0.001
S7B	227.8508	X',Y',H'	477385.977	4209053.917	106.137
α' κλεισίμ. στο S7C	51.1526	X, Y, H	477385.930	4209054.026	106.131
α κλεισίμ.	51.1639	Wx,Wy,Wh	-0.047	0.109	-0.006
Wβ	0.0114	Ορ.μήκος	469.032	Ορ.Σφάλμα	0.119

Ανεκτά Σφάλματα (Π.Δ. 696/74)					
Γωνιακά	0.0721	Οριζοντιογραφικά	0.267	Υψομετρικά	0.522

#### Οριζόντιες Γωνίες

Προηγούμενη Στάση	Σταθμός	Επόμενη Στάση	Οριζόντια Γωνία	Μέση Ορ. Γωνία	Συμμετοχή
T4 ( 1, I)	T3	S16 ( 1, I)	100.0882	100.0882	Ναί
T3 ( 1, I)	S16	S15 ( 1, I)	180.4616	180.4616	Ναί
S16 ( 1, I)	S15	S14 ( 1, I)	131.3358	131.3358	Ναί
S15 ( 1, I)	S14	S13 ( 1, I)	243.4018	243.4018	Ναί
S14 ( 1, I)	S13	S12 ( 1, I)	202.3528	202.3528	Ναί
S13 ( 1, I)	S12	S11 ( 1, I)	97.9002	97.9002	Ναί
S12 ( 1, I)	S11	S10 ( 1, I)	220.6890	220.6890	Ναί
S11 ( 1, I)	S10	S9 ( 1, I)	182.2610	182.2610	Ναί
S10 ( 1, I)	S9	S8 ( 1, I)	226.2952	226.2952	Ναί
S9 ( 1, I)	S8	S7 ( 1, I)	184.2394	184.2394	Ναί
S8 ( 1, I)	S7	S7A ( 1, I)	89.3580	89.3580	Ναί
S7 ( 1, I)	S7A	S7B ( 1, I)	214.4384	214.4384	Ναί
S7A ( 2, I)	S7B	S7C ( 2, I)	227.8508	227.8508	Ναί

#### Οριζόντιες Πλευρές

Πλευρά	Σκόπευση Από	Σκόπευση Προς	Ορ. Απόσταση	Μέση Ορ. Απόσταση	Μέγιστο Επιτ. Σφάλμα
2	T3	S16	27.909	27.911	0.013
	S16	T3	27.913		0.013
3	S15	S16	36.457	36.454	0.016
	S16	S15	36.452		0.016
4	S14	S15	29.216	29.240	0.014
	S15	S14	29.265		0.014
5	S13	S14	26.809	26.812	0.013
	S14	S13	26.815		0.013
6	S12	S13	43.433	43.436	0.018
	S13	S12	43.439		0.018
7	S12	S11	29.046	29.045	0.014
	S11	S12	29.043		0.014
8	S11	S10	50.520	50.534	0.019
	S10	S11	50.548		0.019
9	S9	S10	33.845	33.847	0.015
	S10	S9	33.848		0.015
10	S8	S9	32.547	32.548	0.015
	S9	S8	32.548		0.015
11	S7	S8	35.396	35.377	0.015

	S8	S7	35.359		0.015
12	S7	S7A	43.749	43.727	0.018
	S7A	S7	43.705		0.018
13	S7B	S7A	80.088	80.102	0.026
	S7A	S7B	80.132		0.026
	S7B	S7A	80.085		0.026

#### Υψομετρικές Διαφορές

Πλευρά	Σκόπευση Από	Σκόπευση Προς	Υψ. Διαφορά	Μέση Υψ. Διαφορά	Συμμετοχή
2	T3	S16	-0.403	-0.403	Ναί
	S16	T3	0.402		Ναί
3	S15	S16	-0.157	0.156	Ναί
	S16	S15	0.156		Ναί
4	S14	S15	-0.208	0.208	Ναί
	S15	S14	0.208		Ναί
5	S13	S14	-0.101	0.097	Ναί
	S14	S13	0.092		Ναί
6	S12	S13	-0.410	0.412	Ναί
	S13	S12	0.413		Ναί
7	S12	S11	0.434	0.434	Ναί
	S11	S12	-0.434		Ναί
8	S11	S10	1.356	1.360	Ναί
	S10	S11	-1.364		Ναί
9	S9	S10	-1.416	1.412	Ναί
	S10	S9	1.408		Ναί
10	S8	S9	-0.973	0.977	Ναί
	S9	S8	0.980		Ναί
11	S7	S8	-1.866	1.868	Ναί
	S8	S7	1.871		Ναί
12	S7	S7A	0.201	0.194	Ναί
	S7A	S7	-0.187		Ναί
13	S7B	S7A	-2.348	2.347	Ναί
	S7A	S7B	2.348		Ναί
	S7B	S7A	-2.343		Ναί

Έργο:

PERISSOS

Όδευση: Όδευση 3

Τύπος Όδευσης: Τυφλή

Τύπος εδάφους: Ομαλό

#### Επίλυση Όδευσης

Κορυφή	Γωνία β	S	X	Y	Z
	Γωνία α		ΔX	ΔY	ΔZ
α αφητηρ. στο S6	222.7183				
S5	157.9956	17.033	477312.948	4208859.039	102.962
	180.7139		5.081	-16.257	0.251
S5A			477318.029	4208842.782	103.213

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#### Οριζόντιες Γωνίες

Προηγούμενη Στάση	Σταθμός	Επόμενη Στάση	Οριζόντια Γωνία	Μέση Ορ. Γωνία	Συμμετοχή
S6 ( 1, I)	S5	S5A ( 1, I)	157.9956	157.9956	Ναί

#### Οριζόντιες Πλευρές

Πλευρά	Σκόπευση Από	Σκόπευση Προς	Ορ. Απόσταση	Μέση Ορ. Απόσταση	Μέγιστο Επιτ. Σφάλμα
2	S5A	S5	17.030	17.033	0.010
	S5	S5A	17.035		0.010

#### Υψομετρικές Διαφορές

Πλευρά	Σκόπευση Από	Σκόπευση Προς	Υψ. Διαφορά	Μέση Υψ. Διαφορά	Συμμετοχή
2	S5A	S5	-0.249	0.251	Ναί
	S5	S5A	0.254		Ναί

#### Έργο:

PERISSOS

Όδευση: Όδευση 4

Τύπος Όδευσης: Τυφλή

Τύπος εδάφους: Ομαλό

#### Επίλυση Όδευσης

Κορυφή	Γωνία β	S	X	Y	Z
	Γωνία α		ΔX	ΔY	ΔZ
α αφετηρ. στο T3	250.5855				
S16	290.5488	17.097	477189.972	4209117.994	96.672
	341.1343		-13.651	10.294	-0.613
S16A			477176.321	4209128.288	96.059

#### Οριζόντιες Γωνίες

Προηγούμενη Στάση	Σταθμός	Επόμενη Στάση	Οριζόντια Γωνία	Μέση Ορ. Γωνία	Συμμετοχή
T3 ( 1, I)	S16	S16A ( 1, I)	290.5488	290.5488	Ναί

#### Οριζόντιες Πλευρές

Πλευρά	Σκόπευση Από	Σκόπευση Προς	Ορ. Απόσταση	Μέση Ορ. Απόσταση	Μέγιστο Επιτ. Σφάλμα
2	S16A	S16	17.093	17.097	0.010
	S16	S16A	17.101		0.010

#### Υψομετρικές Διαφορές

Πλευρά	Σκόπευση Από	Σκόπευση Προς	Υψ. Διαφορά	Μέση Υψ. Διαφορά	Συμμετοχή
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2	S16A	S16	0.608	-0.613	Ναί
	S16	S16A	-0.617		Ναί

Έργο: PERISSOS

Όδευση: Όδευση 5

Τύπος Όδευσης: Τυφλή

Τύπος εδάφους: Ομαλό

#### Επίλυση Όδευσης

Κορυφή	Γωνία β	S	X	Y	Z
	Γωνία α		ΔX	ΔY	ΔZ
α αφετηρ. στο S18	134.8271				
S17	236.5770	20.597	477139.217	4209200.494	89.722
	171.4041		8.944	-18.553	-0.729
S17A			477148.161	4209181.941	88.993

#### Οριζόντιες Γωνίες

Προηγούμενη Στάση	Σταθμός	Επόμενη Στάση	Οριζόντια Γωνία	Μέση Ορ. Γωνία	Συμμετοχή
S18 ( 1, I)	S17	S17A ( 1, I)	236.5770	236.5770	Ναί

#### Οριζόντιες Πλευρές

Πλευρά	Σκόπευση Από	Σκόπευση Προς	Ορ. Απόσταση	Μέση Ορ. Απόσταση	Μέγιστο Επιτ. Σφάλμα
2	S17	S17A	20.613	20.597	0.011
	S17A	S17	20.580		0.011

#### Υψομετρικές Διαφορές

Πλευρά	Σκόπευση Από	Σκόπευση Προς	Υψ. Διαφορά	Μέση Υψ. Διαφορά	Συμμετοχή
2	S17	S17A	-0.729	-0.729	Ναί
	S17A	S17	0.728		Ναί



## 5.2 Συντεταγμένες Σημείων Πολυγωνομετρίας

Στάση	X	Y	H
S1	477347.881	4208709.694	106.390
S2	477317.916	4208719.058	104.960
S3	477269.168	4208739.590	103.420
S4	477286.698	4208774.568	103.310
S5	477312.948	4208859.039	102.960
S5A	477318.029	4208842.782	103.240
S6	477328.920	4208901.880	102.810
S7	477351.186	4208935.903	103.590
S7A	477357.257	4208979.216	103.780
S7B	477385.930	4209054.026	106.130
S7C	477404.001	4209071.448	106.420
S8	477317.461	4208946.570	101.730
S9	477289.787	4208963.688	100.750
S10	477256.279	4208968.437	99.330
S11	477210.136	4208989.015	97.980
S12	477181.224	4208991.753	97.540
S13	477186.757	4209034.826	97.130
S14	477189.187	4209061.522	97.040
S15	477172.895	4209085.794	96.830
S16	477189.972	4209117.994	96.670
S16A	477176.321	4209128.288	96.060
S17	477139.217	4209200.494	89.720
S17A	477148.161	4209181.941	88.990
S18	477120.697	4209211.774	90.210

## 6. ΤΑΧΥΜΕΤΡΙΚΗ ΑΠΟΤΥΠΩΣΗ

Οι μετρήσεις της ταχυμετρικής αποτύπωσης πραγματοποιήθηκαν με Γεωδαιτικό Σταθμό TOPCON GPT 3005 με τις παρακάτω προδιαγραφές ακριβείας:

Fine measurement mode	1mm: Approx. 1.2sec. (Initial 3 sec.) 0.2mm: Approx. 3sec. (Initial 4 sec.)
ANGLE MEASUREMENT	
Minimum Reading	1"/5"
Accuracy	5"

### 6.1 Σημεία Ταχυμετρικής Αποτύπωσης

Στάση: S2	X: 477317.916	Y: 4208719.058	H: 104.955	Ύψος Οργάνου: 1.607
Αφετηρία: S1	X: 477348.130	Y: 4208708.692	H: 106.389	Γωνία αφετηρίας: 0.0000

Σημείο	Ύψος σκόπ.	Οριζ. Γωνία	Κατακόρ. Γωνία	Κεκλιμένη Απόσταση	Υψομετρ. Διαφορά	Οριζόντ. Απόστ.	X	Y	H
1	1.295	69.4394	106.4204	2.392	0.071	2.379	477318.270	4208716.706	105.026
2	1.295	103.9448	110.4028	2.224	-0.050	2.193	477317.077	4208717.031	104.905
3	1.295	85.8504	120.9096	1.150	-0.059	1.088	477317.798	4208717.976	104.896
4	1.295	37.3210	116.8492	1.230	-0.010	1.187	477318.638	4208718.116	104.945
5	1.295	32.6538	105.7948	2.404	0.093	2.393	477319.507	4208717.271	105.048
6	1.295	29.4046	100.8186	4.618	0.253	4.616	477321.157	4208715.771	105.207
7	1.295	13.2614	99.0934	8.871	0.438	8.866	477325.526	4208714.508	105.393
8	1.295	2.2444	100.1118	8.844	0.296	8.840	477326.172	4208715.896	105.251
9	1.295	378.3018	99.3498	8.901	0.403	8.897	477326.812	4208719.150	105.357
10	1.295	356.9442	100.1098	10.580	0.294	10.576	477327.866	4208722.643	105.248
11	1.295	350.7398	99.7732	11.630	0.353	11.625	477328.418	4208724.044	105.308
12	1.295	334.9006	99.9566	9.374	0.318	9.370	477325.130	4208725.037	105.273
13	1.295	310.9898	101.7710	7.985	0.090	7.979	477321.763	4208726.048	105.044
14	1.295	304.5528	101.9090	7.366	0.091	7.360	477320.796	4208725.831	105.046
15	1.295	316.0768	102.8506	6.614	0.016	6.605	477321.552	4208724.572	104.970
16	1.295	306.2880	103.6190	6.753	-0.072	6.739	477320.721	4208725.186	104.883
17	1.295	301.2972	102.8228	7.718	-0.030	7.707	477320.565	4208726.296	104.924
18	1.295	307.4092	101.0872	13.478	0.082	13.471	477323.737	4208731.206	105.036
19	1.295	301.7860	101.8058	14.228	-0.092	14.216	477322.905	4208732.370	104.863
20	1.295	306.4972	100.7646	16.184	0.118	16.176	477324.697	4208733.744	105.072
21	1.295	290.2654	101.4490	15.586	-0.043	15.576	477320.668	4208734.389	104.912
22	1.295	281.9080	102.0106	17.494	-0.240	17.478	477318.725	4208736.517	104.714
23	1.295	279.7326	101.2894	19.609	-0.085	19.597	477318.154	4208738.654	104.869
24	1.295	262.8890	102.0822	12.642	-0.101	12.630	477314.761	4208731.288	104.853
25	1.295	251.9338	102.9416	10.678	-0.181	10.662	477313.524	4208728.774	104.773
26	1.295	247.6690	103.4388	10.284	-0.243	10.265	477313.071	4208728.108	104.711
27	1.295	262.5956	104.0258	9.559	-0.292	9.536	477315.492	4208728.281	104.662
28	1.295	254.5916	104.4440	8.961	-0.313	8.936	477314.579	4208727.347	104.641
29	1.295	244.5516	104.7252	9.413	-0.386	9.383	477313.088	4208727.104	104.568

30	1.295	251.7502	103.5796	9.131	-0.201	9.113	477314.139	4208727.351	104.753
31	1.295	237.8266	103.3646	12.664	-0.357	12.641	477310.305	4208729.151	104.598
32	1.295	230.6912	103.2288	15.484	-0.473	15.458	477307.287	4208730.282	104.482
33	1.295	228.0682	102.6198	17.208	-0.396	17.186	477305.594	4208731.039	104.559
34	1.295	225.2022	103.1258	18.791	-0.610	18.761	477303.891	4208731.518	104.344
35	1.295	220.8546	103.1646	19.763	-0.670	19.731	477302.306	4208731.125	104.285
36	1.295	219.6584	103.7180	18.509	-0.768	18.470	477303.094	4208730.078	104.186
37	1.295	216.4114	102.8460	26.734	-0.883	26.696	477295.708	4208733.873	104.072
38	1.295	219.5304	102.9254	23.166	-0.752	23.132	477299.324	4208732.822	104.202
39	1.295	213.4092	102.9408	26.272	-0.901	26.233	477295.431	4208732.571	104.053
40	1.295	213.3090	103.2880	25.763	-1.018	25.718	477295.852	4208732.271	103.937
41	1.295	215.5928	102.9042	28.106	-0.970	28.065	477294.370	4208734.331	103.985
42	1.295	213.0890	102.5468	32.427	-0.985	32.388	477290.072	4208735.601	103.970
43	1.295	209.9202	102.7334	32.836	-1.097	32.792	477288.926	4208734.385	103.857
44	1.295	209.6300	103.0258	33.399	-1.275	33.348	477288.364	4208734.510	103.680
45	1.295	209.7882	102.4730	40.979	-1.279	40.931	477281.691	4208738.114	103.675
46	1.295	208.1926	102.4944	40.517	-1.275	40.469	477281.639	4208736.995	103.679
47	1.295	207.3694	102.8236	40.886	-1.501	40.829	477281.085	4208736.680	103.454
48	1.295	207.6564	102.8396	42.355	-1.576	42.296	477279.845	4208737.484	103.378
49	1.295	208.7988	102.7790	43.364	-1.580	43.305	477279.281	4208738.621	103.374
50	1.295	209.3940	102.6738	44.085	-1.539	44.028	477278.824	4208739.314	103.416
51	1.295	208.1150	102.6958	43.773	-1.541	43.716	477278.705	4208738.386	103.414
52	1.295	206.6022	102.7642	42.145	-1.517	42.088	477279.734	4208736.764	103.437
53	1.295	206.6782	102.7510	41.338	-1.474	41.283	477280.485	4208736.470	103.481
54	1.295	205.0554	102.5898	43.758	-1.467	43.704	477277.833	4208736.475	103.487
55	1.295	208.8856	102.3576	42.887	-1.276	42.840	477279.723	4208738.463	103.679
56	1.295	202.7706	102.6184	41.910	-1.411	41.857	477278.952	4208734.351	103.543
57	1.295	200.2704	102.6792	38.434	-1.305	38.384	477281.662	4208731.668	103.650
58	1.295	195.6656	102.8128	42.464	-1.563	42.405	477276.962	4208730.059	103.391
59	1.700	197.1122	102.1540	41.775	-1.506	41.734	477277.867	4208730.797	103.448
60	2.150	197.2982	101.4712	40.867	-1.487	40.839	477278.759	4208730.660	103.467
61	2.150	196.5536	101.4918	40.504	-1.492	40.476	477278.976	4208730.102	103.463
62	2.150	194.8606	101.2556	41.249	-1.356	41.224	477277.971	4208729.248	103.598
63	2.150	194.5634	101.2174	39.856	-1.305	39.832	477279.274	4208728.724	103.649
64	1.295	194.1232	102.3936	38.827	-1.147	38.784	477280.227	4208728.209	103.807
65	1.295	196.3518	103.0406	31.979	-1.215	31.929	477287.171	4208727.673	103.740
66	1.295	194.3808	102.6486	31.219	-0.986	31.179	477287.647	4208726.537	103.968
67	2.150	192.0888	100.5404	24.657	-0.752	24.646	477293.792	4208724.105	104.202
68	1.295	191.6196	102.7106	21.523	-0.604	21.495	477296.845	4208723.304	104.350
69	1.295	192.4446	102.6936	21.298	-0.589	21.270	477297.121	4208723.530	104.366
70	1.295	195.1030	102.8674	21.402	-0.652	21.372	477297.228	4208724.420	104.303
71	1.295	195.5628	103.4430	21.518	-0.851	21.478	477297.165	4208724.596	104.103
72	1.295	191.6198	102.8632	18.421	-0.516	18.395	477299.884	4208722.692	104.438
73	1.295	190.5572	101.7208	18.775	-0.195	18.760	477299.466	4208722.457	104.759
74	1.295	193.1278	102.9876	18.177	-0.541	18.150	477300.214	4208723.064	104.414
75	1.295	201.0472	103.6430	15.672	-0.584	15.640	477303.208	4208724.376	104.370
76	1.295	195.0462	104.0150	15.365	-0.656	15.328	477303.075	4208722.890	104.298

77	1.295	192.1782	103.1978	14.805	-0.431	14.780	477303.453	4208722.105	104.523
78	2.150	189.7828	104.9432	16.937	-1.857	16.879	477301.280	4208721.914	103.098
79	1.295	186.4520	103.3978	12.018	-0.329	11.996	477306.003	4208720.467	104.625
80	1.295	185.3528	102.8054	11.043	-0.174	11.028	477306.944	4208720.164	104.780
81	1.295	181.1786	103.9384	8.372	-0.206	8.353	477309.569	4208719.349	104.749
82	1.295	192.6062	105.5392	7.445	-0.335	7.414	477310.672	4208720.635	104.620
83	1.295	189.1838	106.8660	6.350	-0.372	6.311	477311.687	4208720.067	104.583
84	1.295	178.0672	106.7044	5.989	-0.318	5.953	477311.963	4208718.975	104.637
85	1.295	178.6348	102.9424	7.317	-0.026	7.306	477310.610	4208719.021	104.928
86	1.295	133.0074	103.4186	7.622	-0.097	7.608	477312.205	4208714.031	104.857
87	1.295	136.1264	101.6678	12.396	-0.013	12.387	477308.229	4208711.339	104.942
88	1.295	130.6438	103.0594	11.683	-0.249	11.665	477309.452	4208711.031	104.705
89	1.295	114.2584	101.7160	11.208	0.010	11.199	477312.020	4208709.537	104.964
90	1.295	99.8056	101.6160	11.172	0.028	11.164	477314.325	4208708.487	104.983
91	1.295	90.2812	101.5178	8.250	0.115	8.244	477316.458	4208710.944	105.070
92	1.295	217.3846	119.7104	1.175	-0.046	1.119	477316.995	4208719.693	104.908
93	1.295	221.4406	106.9780	4.103	-0.137	4.077	477314.714	4208721.581	104.818
94	1.295	181.5798	108.4136	3.517	-0.151	3.485	477314.434	4208719.201	104.803
95	1.295	244.8292	106.2274	4.079	-0.086	4.058	477315.843	4208722.547	104.868
96	1.295	275.6038	104.0712	6.988	-0.135	6.971	477317.549	4208726.019	104.820
97	1.295	214.0262	103.9858	10.988	-0.375	10.962	477308.575	4208724.795	104.579
98	1.295	206.6830	103.2158	20.562	-0.726	20.527	477299.304	4208727.717	104.228
99	1.295	204.3048	102.8432	28.995	-0.982	28.954	477291.226	4208730.283	103.972
100	1.295	202.4668	102.6752	36.275	-1.212	36.228	477284.130	4208732.133	103.743

<b>Στάση: S3</b>	<b>Χ: 477269.168</b>	<b>Υ: 4208739.590</b>	<b>Η: 103.417</b>	<b>Ύψος Οργάνου: 1.612</b>
<b>Αφετηρία: S2</b>	<b>Χ: 477317.916</b>	<b>Υ: 4208719.058</b>	<b>Η: 104.955</b>	<b>Γωνία αφετηρίας: 0.0000</b>

Σημείο	Ύψος σκόπ.	Οριζ. Γωνία	Κατακόρ. Γωνία	Κεκλιμένη Απόσταση	Υψομετρ. Διαφορά	Οριζόντ. Απόστ.	Χ	Υ	Η
101	1.295	7.1018	105.0232	4.809	-0.062	4.792	477273.350	4208737.250	103.355
102	1.295	27.0936	103.7126	6.005	-0.033	5.992	477273.238	4208735.192	103.384
103	1.295	69.7420	116.2794	2.084	-0.210	2.015	477269.322	4208737.581	103.207
104	1.295	84.2716	105.2990	5.392	-0.131	5.371	477268.357	4208734.280	103.286
105	1.295	86.3852	104.1282	7.182	-0.148	7.164	477267.852	4208732.548	103.269
106	1.295	94.2498	103.0566	5.256	0.065	5.248	477267.576	4208734.590	103.482
107	1.295	102.0934	101.6178	9.191	0.083	9.184	477265.327	4208731.248	103.500
108	1.295	101.6110	101.1560	10.874	0.120	10.868	477264.697	4208729.684	103.537
109	1.295	78.9614	102.4140	9.412	-0.040	9.401	477268.528	4208730.210	103.377
110	1.295	106.8214	100.6290	17.433	0.145	17.425	477260.726	4208724.347	103.562
111	1.295	99.5880	100.8346	16.634	0.099	16.626	477262.814	4208724.226	103.516
112	1.295	99.3032	100.9150	16.233	0.084	16.225	477263.034	4208724.569	103.501
113	1.295	101.3676	100.9628	14.431	0.099	14.423	477263.285	4208726.421	103.516
114	1.295	90.1552	101.4614	16.860	-0.070	16.849	477265.098	4208723.240	103.347
115	1.295	75.4730	101.2510	17.890	-0.035	17.879	477268.929	4208721.712	103.382
116	1.295	64.6312	101.2510	20.188	-0.080	20.176	477272.321	4208719.662	103.337

117	1.295	54.6838	100.4642	20.484	0.168	20.475	477275.476	4208720.111	103.585
118	1.295	45.2204	101.9774	13.415	-0.100	13.403	477275.140	4208727.591	103.317
119	1.295	39.6230	101.9788	12.611	-0.075	12.600	477275.751	4208728.847	103.342
120	1.295	43.3974	102.0986	12.186	-0.085	12.174	477274.903	4208728.851	103.332
121	1.295	47.0008	102.0060	12.830	-0.087	12.818	477274.557	4208727.959	103.330
122	1.295	32.7478	100.6372	13.675	0.180	13.669	477277.524	4208728.773	103.597
123	1.295	29.0446	100.3714	14.286	0.234	14.280	477278.540	4208728.816	103.651
124	1.295	112.2060	101.4738	7.892	0.134	7.887	477264.778	4208733.038	103.551
125	1.295	264.6990	107.6278	2.246	0.049	2.229	477268.822	4208741.792	103.466
126	1.295	307.2002	111.4038	2.721	-0.168	2.676	477270.479	4208741.924	103.249
127	1.295	310.5854	104.4614	7.010	-0.174	6.990	477272.910	4208745.494	103.243
128	1.295	318.6854	103.8232	8.214	-0.176	8.196	477274.399	4208745.900	103.241
129	1.295	296.7542	103.7726	9.758	-0.261	9.737	477272.485	4208748.744	103.156
130	1.295	290.8930	102.8832	9.428	-0.110	9.414	477271.548	4208748.699	103.307
131	1.295	288.3028	102.5088	8.970	-0.036	8.959	477271.079	4208748.343	103.381
132	1.295	292.2940	102.8296	13.415	-0.279	13.396	477272.839	4208752.473	103.138
133	1.295	290.4198	101.7882	13.197	-0.054	13.186	477272.407	4208752.372	103.363
134	1.295	317.1912	102.4204	12.854	-0.172	12.839	477277.128	4208749.664	103.245
135	1.295	338.5742	103.2942	8.030	-0.098	8.016	477275.933	4208743.890	103.319
136	1.295	372.2298	99.9480	13.162	0.328	13.157	477282.315	4208740.084	103.745
137	1.295	368.4964	98.9156	13.556	0.548	13.548	477282.654	4208740.892	103.965
138	1.295	355.3420	100.2376	13.516	0.267	13.510	477282.064	4208743.619	103.684
139	1.295	348.4470	100.2566	14.785	0.257	14.779	477282.715	4208745.497	103.674
140	1.295	344.9168	100.1318	16.985	0.282	16.978	477284.331	4208747.228	103.699
141	1.295	345.3268	99.0364	17.377	0.580	17.368	477284.729	4208747.303	103.997
142	1.700	342.0258	98.9750	18.403	0.208	18.393	477285.202	4208748.602	103.625
143	1.295	335.6266	101.0462	17.026	0.037	17.017	477283.091	4208749.374	103.454
144	1.295	324.2854	101.3964	18.890	-0.097	18.878	477282.446	4208753.009	103.320
145	1.350	312.1352	101.5750	20.222	-0.238	20.208	477280.398	4208756.390	103.179
146	1.400	308.0166	101.3726	21.394	-0.249	21.380	477279.876	4208758.096	103.168
147	1.400	306.0330	101.3720	23.269	-0.289	23.254	477280.182	4208760.070	103.128
148	1.295	310.5288	101.0788	23.108	-0.075	23.095	477281.514	4208759.108	103.342
149	1.295	304.6656	101.7942	21.438	-0.287	21.421	477278.906	4208758.669	103.130
150	1.295	299.7938	101.9110	20.966	-0.312	20.948	477277.237	4208758.922	103.105
151	1.295	293.7308	102.0032	21.363	-0.355	21.344	477275.479	4208759.979	103.062
152	1.295	292.4882	101.2884	21.006	-0.108	20.993	477274.982	4208759.762	103.309
153	1.295	293.7760	101.0026	29.375	-0.146	29.359	477277.869	4208767.631	103.271
154	1.295	294.7280	101.4280	29.922	-0.354	29.902	477278.456	4208768.013	103.063
155	1.295	299.8208	101.3440	30.146	-0.319	30.127	477280.784	4208767.388	103.098
156	1.295	304.3582	101.2306	30.792	-0.278	30.774	477283.025	4208767.067	103.139
157	1.295	305.9486	100.8306	31.190	-0.090	31.175	477283.897	4208767.066	103.327
158	1.295	306.2152	100.5312	31.218	0.057	31.204	477284.026	4208767.030	103.474
159	1.295	309.7692	100.0786	31.282	0.278	31.269	477285.568	4208766.214	103.695
160	1.295	304.5222	100.8924	33.569	-0.153	33.552	477284.353	4208769.509	103.264
161	1.295	326.2538	100.5866	25.402	0.083	25.391	477287.576	4208757.078	103.500

Στάση: S4	X: 477286.698	Y: 4208774.568	H: 103.311	Ύψος Οργάνου: 1.602
Αφετηρία: S3	X: 477269.168	Y: 4208739.590	H: 103.417	Γωνία αφετηρίας: 0.0000

Σημείο	Ύψος σκόπ.	Οριζ. Γωνία	Κατακόρ. Γωνία	Κεκλιμένη Απόσταση	Υψομετρ. Διαφορά	Οριζόντ. Απόστ.	X	Y	H
162	1.295	317.0544	99.6158	4.985	0.337	4.983	477290.403	4208771.236	103.648
163	1.295	237.6264	101.4204	7.645	0.136	7.640	477293.346	4208778.332	103.447
164	1.295	197.7688	105.3106	4.657	-0.081	4.639	477288.630	4208778.786	103.229
165	1.295	194.4920	104.4658	5.429	-0.074	5.413	477288.696	4208779.599	103.237
166	1.295	195.2082	104.1218	5.868	-0.073	5.853	477288.920	4208779.983	103.238
167	1.295	189.0656	106.3756	5.089	-0.202	5.061	477288.159	4208779.414	103.109
168	1.295	391.4102	111.4294	1.908	-0.034	1.877	477286.091	4208772.792	103.277
169	1.295	16.6928	119.3290	1.695	-0.200	1.617	477285.624	4208773.360	103.111
170	1.295	66.1176	106.1220	6.037	-0.273	6.007	477280.705	4208774.162	103.038
171	1.295	72.2146	106.4238	6.239	-0.321	6.205	477280.496	4208774.743	102.989
172	1.295	76.3526	106.6512	5.731	-0.291	5.697	477281.025	4208775.098	103.020
173	1.295	146.7392	104.6488	8.136	-0.287	8.111	477283.750	4208782.124	103.024
174	1.295	146.5860	102.7952	8.689	-0.074	8.677	477283.524	4208782.644	103.236
175	1.295	165.6024	104.2022	8.678	-0.265	8.656	477286.043	4208783.199	103.045
176	1.295	174.2414	101.2486	19.626	-0.078	19.614	477287.874	4208794.147	103.233
177	1.295	175.9388	101.9118	19.837	-0.289	19.820	477288.413	4208794.314	103.022
178	1.295	184.4578	101.8110	20.785	-0.284	20.768	477291.239	4208794.833	103.026
179	1.295	190.1186	101.8874	18.619	-0.245	18.603	477292.362	4208792.288	103.066
180	1.295	193.4964	101.8326	18.446	-0.224	18.431	477293.233	4208791.802	103.087
181	1.295	195.8834	101.1084	19.116	-0.026	19.105	477294.137	4208792.166	103.285
182	1.295	197.7124	99.3992	19.109	0.487	19.100	477294.637	4208791.940	103.798
183	1.295	196.0490	101.2134	17.408	-0.025	17.398	477293.513	4208790.575	103.286
184	1.500	210.2858	96.3722	19.855	1.233	19.815	477298.310	4208790.624	104.543
185	1.295	217.6914	101.0952	13.571	0.074	13.563	477295.868	4208784.561	103.384
186	2.150	82.3248	96.6686	6.806	-0.192	6.794	477280.022	4208775.831	103.118
187	2.150	68.1966	96.9298	7.379	-0.192	7.367	477279.335	4208774.310	103.118
188	2.150	72.1942	102.5518	6.725	-0.817	6.717	477279.984	4208774.755	102.493
189	1.295	181.3696	100.8812	30.725	-0.118	30.709	477291.952	4208804.825	103.192
190	1.295	182.3598	101.3056	31.053	-0.330	31.034	477292.483	4208805.058	102.981
191	1.295	184.5000	100.6838	41.293	-0.136	41.274	477295.750	4208814.837	103.174
192	1.295	185.1864	101.0022	41.671	-0.349	41.649	477296.270	4208815.102	102.962
193	1.295	186.3076	100.5746	51.743	-0.160	51.720	477299.469	4208824.686	103.151
194	1.295	186.8736	100.8014	52.146	-0.349	52.121	477300.016	4208824.958	102.961
195	1.295	187.5254	100.4974	61.760	-0.175	61.733	477303.083	4208834.087	103.135
196	1.295	187.9634	100.6860	62.339	-0.364	62.310	477303.649	4208834.528	102.946
197	1.295	188.0962	100.4548	68.537	-0.182	68.507	477305.472	4208840.452	103.128
198	1.295	188.2404	100.6084	68.924	-0.351	68.893	477305.728	4208840.780	102.959
199	1.295	188.4920	100.6270	68.923	-0.371	68.891	477305.989	4208840.703	102.939
200	1.295	188.5682	100.5630	72.863	-0.337	72.830	477307.176	4208844.460	102.973
201	1.295	189.1084	100.6436	72.769	-0.428	72.736	477307.741	4208844.193	102.882
202	1.295	189.3238	100.6260	74.630	-0.426	74.596	477308.520	4208845.901	102.884

203	1.295	189.6810	100.5922	77.709	-0.415	77.674	477309.837	4208848.715	102.895
204	1.295	188.7084	100.5166	77.981	-0.325	77.947	477308.779	4208849.322	102.985
205	1.295	189.3478	100.4948	80.108	-0.315	80.073	477310.151	4208851.129	102.995
206	1.295	190.9322	100.5472	79.863	-0.379	79.827	477311.972	4208850.289	102.931
207	1.295	192.2198	100.4834	76.874	-0.276	76.840	477312.495	4208846.949	103.034
208	1.295	192.7610	100.4630	74.642	-0.235	74.610	477312.343	4208844.632	103.075
209	1.295	192.8476	100.4632	75.477	-0.242	75.444	477312.726	4208845.380	103.069
210	1.295	191.9852	100.6396	64.896	-0.345	64.866	477308.250	4208835.749	102.966
211	1.295	191.1244	100.7562	53.658	-0.330	53.632	477303.832	4208825.390	102.980
212	1.295	190.2570	100.9302	42.763	-0.318	42.741	477299.799	4208815.251	102.993
213	1.295	189.0336	101.2062	31.968	-0.299	31.949	477295.905	4208805.162	103.012
214	1.295	187.2910	101.5862	23.243	-0.272	23.226	477292.780	4208796.984	103.038
215	1.295	181.5064	102.7080	12.997	-0.246	12.980	477288.946	4208787.352	103.065
216	1.295	132.7354	110.2068	3.464	-0.246	3.418	477284.791	4208777.404	103.065
217	1.295	28.5216	106.3378	5.129	-0.203	5.102	477282.662	4208771.447	103.108

<b>Στάση: S5</b>	<b>Χ: 477312.948</b>	<b>Υ: 4208859.039</b>	<b>Η: 102.958</b>	<b>Ύψος Οργάνου: 1.630</b>
<b>Αφετηρία: S4</b>	<b>Χ: 477286.698</b>	<b>Υ: 4208774.568</b>	<b>Η: 103.311</b>	<b>Γωνία αφετηρίας: 0.0000</b>

Σημείο	Ύψος σκόπ.	Οριζ. Γωνία	Κατακόρ. Γωνία	Κεκλιμένη Απόσταση	Υψομετρ. Διαφορά	Οριζόντ. Απόστ.	Χ	Υ	Η
218	1.295	397.7428	100.2654	59.113	0.089	59.088	477297.424	4208802.026	103.047
219	1.295	397.1920	100.1074	57.443	0.238	57.419	477298.343	4208803.508	103.196
220	1.295	397.1556	100.1234	56.938	0.225	56.915	477298.503	4208803.988	103.183
221	1.295	396.5160	100.0754	56.530	0.268	56.507	477299.156	4208804.241	103.226
222	1.295	396.1018	100.0810	54.037	0.266	54.015	477300.105	4208806.573	103.224
223	1.295	395.1624	100.1964	49.095	0.184	49.075	477301.984	4208811.205	103.142
224	1.295	394.8504	99.8956	47.415	0.413	47.396	477302.586	4208812.790	103.371
225	1.295	395.9700	100.3926	48.026	0.039	48.005	477301.631	4208812.387	102.997
226	1.295	393.2606	100.2316	41.852	0.183	41.835	477304.824	4208818.001	103.141
227	1.295	392.7940	99.9054	40.161	0.395	40.145	477305.441	4208819.603	103.353
228	1.295	394.2172	100.4708	40.785	0.033	40.767	477304.431	4208819.171	102.991
229	1.295	392.0750	100.2838	38.237	0.165	38.221	477306.225	4208821.414	103.123
230	1.295	391.5952	99.8648	36.621	0.413	36.606	477306.781	4208822.956	103.371
231	1.295	392.4630	100.5130	35.634	0.048	35.618	477306.469	4208824.015	103.006
232	1.295	391.8138	100.3376	35.125	0.149	35.110	477306.914	4208824.451	103.107
233	1.295	390.0850	99.6926	33.107	0.495	33.093	477308.148	4208826.296	103.453
234	1.295	390.4460	100.2682	31.969	0.200	31.956	477308.134	4208827.448	103.158
235	1.295	388.7290	100.2824	30.828	0.198	30.815	477309.129	4208828.461	103.156
236	1.600	387.8298	99.2324	29.228	0.382	29.214	477309.737	4208830.002	103.340
237	1.295	389.8408	100.5854	29.627	0.063	29.614	477308.765	4208829.722	103.021
238	1.295	386.2268	100.7484	24.276	0.050	24.264	477310.889	4208834.862	103.008
239	1.295	378.8656	100.5344	19.780	0.169	19.771	477313.555	4208839.277	103.127
240	1.295	381.1178	101.0230	19.503	0.022	19.493	477312.856	4208839.547	102.980
241	1.295	377.9168	101.0128	17.435	0.058	17.426	477313.742	4208841.631	103.016
242	1.295	374.8654	100.8676	16.818	0.106	16.810	477314.518	4208842.303	103.064

243	1.295	370.9186	100.7626	16.882	0.133	16.874	477315.562	4208842.369	103.091
244	1.295	366.9812	100.7840	16.867	0.127	16.859	477316.584	4208842.577	103.085
245	1.295	364.0588	100.6690	17.292	0.153	17.284	477317.446	4208842.351	103.111
246	1.295	366.2724	103.4302	17.281	-0.596	17.249	477316.855	4208842.238	102.362
247	1.295	353.1802	99.3854	25.282	0.579	25.270	477323.578	4208836.113	103.537
248	1.295	346.9002	99.8588	22.887	0.386	22.878	477324.568	4208839.332	103.344
249	1.750	344.2160	97.9226	29.561	0.845	29.533	477329.008	4208834.254	103.803
250	1.295	342.8768	99.5692	19.922	0.470	19.913	477324.126	4208842.559	103.428
251	1.295	365.5852	100.7566	13.942	0.169	13.935	477316.251	4208845.501	103.127
252	1.295	370.5084	101.4042	10.673	0.100	10.666	477314.668	4208848.513	103.058
253	1.295	358.7150	102.9170	7.984	-0.031	7.972	477315.661	4208851.542	102.927
254	1.295	355.6700	99.8798	20.422	0.374	20.414	477320.804	4208840.198	103.332
255	1.295	347.9444	99.4008	23.119	0.553	23.109	477324.358	4208838.944	103.511
256	1.295	353.3916	101.4026	12.760	0.054	12.752	477318.273	4208847.453	103.012
257	2.150	350.0148	100.3478	12.928	-0.591	12.923	477318.960	4208847.600	102.367
258	2.150	348.7372	97.1544	13.109	0.066	13.091	477319.269	4208847.576	103.024
259	1.295	351.2552	101.5270	11.406	0.061	11.398	477318.053	4208848.848	103.019
260	1.295	351.2694	100.4170	11.574	0.259	11.569	477318.127	4208848.694	103.217
261	1.295	341.8472	100.2314	12.113	0.291	12.108	477319.906	4208849.130	103.249
262	1.295	348.6236	100.6342	10.425	0.231	10.420	477317.996	4208849.923	103.189
263	1.295	344.9960	100.7276	10.017	0.221	10.012	477318.289	4208850.570	103.179
264	1.295	342.5054	100.8486	9.728	0.205	9.723	477318.453	4208851.024	103.163
265	1.500	346.2958	100.5728	9.360	0.046	9.356	477317.776	4208851.025	103.004
266	1.295	342.5240	100.5726	10.499	0.241	10.494	477318.887	4208850.387	103.199
267	1.295	338.3456	101.0860	9.136	0.179	9.131	477318.598	4208851.866	103.137
268	1.295	333.5096	101.0270	8.781	0.193	8.776	477318.886	4208852.577	103.151
269	1.295	288.6652	100.5466	9.768	0.251	9.764	477322.638	4208857.839	103.209
270	1.295	283.2950	97.6438	10.514	0.724	10.503	477323.443	4208858.631	103.682
271	1.295	278.2082	103.0080	7.893	-0.038	7.881	477320.822	4208859.362	102.920
272	1.295	279.1776	100.4464	10.736	0.260	10.731	477323.676	4208859.316	103.218
273	1.295	277.0006	100.3836	11.200	0.268	11.195	477324.123	4208859.710	103.226
274	1.295	270.1296	100.5958	10.676	0.235	10.671	477323.469	4208860.822	103.193
275	1.295	265.8886	99.4140	12.237	0.448	12.231	477324.845	4208861.881	103.406
276	1.295	256.6988	100.5948	12.440	0.219	12.434	477324.501	4208863.638	103.177
277	1.295	257.1414	100.4620	13.558	0.237	13.552	477325.574	4208863.964	103.195
278	1.295	254.8934	100.4804	13.725	0.231	13.719	477325.545	4208864.473	103.189
279	1.295	248.2926	101.1142	11.718	0.130	11.711	477323.164	4208864.766	103.088
280	1.295	246.7864	101.1168	12.154	0.122	12.147	477323.400	4208865.228	103.080
281	1.295	245.1542	101.1174	12.551	0.115	12.544	477323.574	4208865.704	103.073
282	1.295	243.7582	101.1204	12.939	0.107	12.932	477323.750	4208866.149	103.065
283	1.295	247.5516	100.7154	14.260	0.175	14.253	477325.299	4208866.153	103.133
284	1.295	242.4702	100.8202	14.701	0.146	14.694	477325.056	4208867.365	103.104
285	1.295	240.6706	100.8230	15.079	0.140	15.072	477325.120	4208867.926	103.098
286	1.295	245.9860	99.4966	16.186	0.463	16.179	477326.765	4208867.456	103.421
287	1.295	248.4640	100.5456	15.429	0.203	15.422	477326.421	4208866.544	103.161
288	1.295	243.0294	102.3074	12.443	-0.116	12.430	477323.251	4208865.992	102.842
289	1.295	236.2900	100.7976	16.570	0.127	16.562	477325.621	4208869.702	103.085



290	1.295	241.3550	100.5756	17.801	0.174	17.793	477327.430	4208869.376	103.132
291	1.295	238.5300	100.6434	17.978	0.153	17.970	477327.097	4208870.117	103.111
292	1.295	240.6400	100.0906	18.452	0.309	18.444	477327.839	4208869.922	103.267
293	1.600	230.6974	100.5284	17.523	-0.115	17.515	477325.309	4208871.448	102.843
294	1.295	231.8098	100.5828	21.843	0.135	21.833	477328.625	4208874.235	103.093
295	1.295	232.7988	100.0822	22.651	0.306	22.642	477329.448	4208874.544	103.264
296	1.295	224.5814	101.1984	22.286	-0.084	22.273	477327.081	4208876.253	102.874
297	1.295	227.4008	100.7688	23.116	0.056	23.105	477328.385	4208876.230	103.014
298	1.295	227.3668	100.7748	23.515	0.049	23.504	477328.642	4208876.535	103.007
299	1.295	229.5550	100.0650	25.198	0.309	25.188	477330.401	4208877.199	103.267
300	1.295	228.8676	100.5550	25.795	0.110	25.783	477330.612	4208877.821	103.068
301	1.295	227.9530	100.1004	26.752	0.293	26.741	477330.987	4208878.780	103.251
302	1.600	223.1468	99.9770	28.130	0.040	28.118	477330.296	4208881.168	102.998
303	1.600	224.6272	99.9342	28.443	0.059	28.431	477331.005	4208881.000	103.017
304	1.295	224.6834	100.5192	30.351	0.088	30.338	477332.236	4208882.456	103.046
305	1.295	222.9768	100.0400	32.708	0.315	32.695	477333.051	4208884.823	103.273
306	2.150	218.3168	99.3538	31.258	-0.203	31.244	477330.305	4208885.018	102.755
307	1.650	221.5370	99.9878	34.951	-0.013	34.937	477333.801	4208887.070	102.945
308	1.295	221.0376	100.0968	35.969	0.280	35.954	477334.181	4208888.054	103.238
309	1.295	218.9488	100.4616	39.244	0.051	39.227	477335.063	4208891.438	103.009
310	1.295	216.3350	100.6070	38.740	-0.034	38.722	477333.447	4208891.890	102.924
311	2.150	215.5296	99.5454	38.394	-0.246	38.377	477332.851	4208891.852	102.712
312	1.295	214.9072	100.6234	43.299	-0.089	43.279	477335.031	4208896.261	102.869
313	1.295	213.2382	100.9870	31.753	-0.157	31.736	477328.420	4208886.748	102.801
314	1.295	213.0772	100.9810	32.483	-0.165	32.466	477328.704	4208887.425	102.793
315	1.295	204.2058	100.9498	42.660	-0.301	42.638	477328.262	4208898.832	102.657
316	1.295	202.6804	100.6790	42.911	-0.123	42.891	477327.389	4208899.426	102.835
317	1.295	204.3808	101.0540	34.360	-0.234	34.341	477325.370	4208891.055	102.724
318	1.295	202.4544	100.7588	34.391	-0.075	34.374	477324.407	4208891.447	102.883
319	1.295	204.6634	101.3000	26.227	-0.200	26.211	477322.537	4208883.433	102.758
320	1.295	202.0936	100.8948	26.103	-0.032	26.090	477321.505	4208883.685	102.926
321	1.295	204.9494	101.4842	21.468	-0.165	21.453	477320.886	4208878.970	102.793
322	1.295	205.2462	101.6724	19.142	-0.168	19.128	477320.109	4208876.776	102.790
323	1.295	202.7930	101.0810	19.867	-0.002	19.856	477319.666	4208877.724	102.956
324	1.295	201.5434	101.0976	19.416	0.000	19.405	477319.154	4208877.425	102.958
325	1.295	206.6682	103.0784	10.072	-0.152	10.056	477316.920	4208868.277	102.806
326	1.295	199.9192	102.0572	10.231	0.004	10.221	477315.969	4208868.804	102.962
327	1.295	186.4918	109.7482	2.252	-0.008	2.225	477313.146	4208861.255	102.950
328	1.295	218.2066	114.0004	2.275	-0.161	2.219	477314.178	4208860.886	102.797
329	1.295	393.5764	111.0816	2.944	-0.175	2.898	477312.371	4208856.199	102.783
330	1.295	396.5492	106.6934	5.042	-0.194	5.012	477311.722	4208854.179	102.764
331	1.295	6.9810	105.2366	4.301	-0.018	4.285	477311.236	4208855.111	102.940
332	1.295	9.1168	103.5874	6.266	-0.018	6.253	477310.259	4208853.393	102.940
333	1.295	349.7800	104.7330	5.174	-0.049	5.158	477315.364	4208854.482	102.909
334	1.295	236.6194	103.7940	7.368	-0.104	7.352	477318.598	4208863.743	102.854
335	1.295	217.6898	101.7200	16.920	-0.122	16.907	477322.202	4208873.189	102.836
336	1.295	212.1792	101.2498	26.113	-0.178	26.097	477325.290	4208882.033	102.780

337	1.295	210.3616	100.9460	34.410	-0.176	34.392	477328.341	4208889.794	102.782
338	1.295	208.8382	100.8776	43.630	-0.266	43.608	477331.527	4208898.491	102.692

<b>Στάση: S5A</b>	<b>Χ: 477318.029</b>	<b>Υ: 4208842.782</b>	<b>Η: 103.239</b>	<b>Ύψος Οργάνου: 1.618</b>
<b>Αφετηρία: S5</b>	<b>Χ: 477312.948</b>	<b>Υ: 4208859.039</b>	<b>Η: 102.958</b>	<b>Γωνία αφετηρίας: 0.0000</b>

Σημείο	Ύψος σκόπ.	Οριζ. Γωνία	Κατακόρ. Γωνία	Κεκλιμένη Απόσταση	Υψομετρ. Διαφορά	Οριζόντ. Απόστ.	Χ	Υ	Η
339	1.295	56.7040	104.7484	5.039	-0.052	5.023	477320.814	4208846.962	103.187
340	1.295	59.6486	102.8748	5.633	0.069	5.625	477321.361	4208847.314	103.308
341	1.295	75.5230	101.0762	7.863	0.190	7.859	477324.103	4208847.769	103.429
342	1.295	82.2032	98.7986	8.292	0.479	8.287	477324.950	4208847.341	103.718
343	1.295	88.2184	100.6264	8.554	0.239	8.550	477325.581	4208846.791	103.478
344	1.295	96.1762	98.2776	10.288	0.601	10.280	477327.639	4208846.432	103.840
345	1.295	106.8388	100.8534	9.442	0.196	9.437	477327.287	4208844.615	103.435
346	1.295	120.0862	99.7986	15.100	0.371	15.094	477333.122	4208842.592	103.610
347	1.295	112.2514	99.2062	15.546	0.517	15.538	477333.473	4208844.495	103.756
348	1.295	114.5880	98.6510	17.138	0.686	17.127	477335.110	4208844.044	103.925
349	1.295	121.5208	98.6816	22.911	0.797	22.897	477340.912	4208841.978	104.036
350	1.295	124.7984	98.6926	22.712	0.789	22.698	477340.642	4208840.819	104.028
351	1.295	127.1114	98.9934	22.597	0.680	22.585	477340.443	4208840.012	103.919
352	1.295	127.6182	98.3316	31.023	1.136	31.000	477348.763	4208838.736	104.375
353	1.295	130.9088	98.6296	30.905	0.988	30.885	477348.401	4208837.174	104.227
354	1.295	132.2998	98.4894	35.964	1.176	35.939	477353.220	4208835.486	104.415
355	1.295	132.1798	98.5002	37.754	1.212	37.728	477354.986	4208835.192	104.451
356	1.295	129.5654	98.5026	38.947	1.239	38.920	477356.443	4208836.524	104.478
357	1.295	129.2112	98.1448	37.746	1.423	37.715	477355.286	4208836.925	104.662
358	1.295	128.5844	98.2528	33.631	1.246	33.605	477351.276	4208837.891	104.485
359	1.295	137.4542	98.1718	41.151	1.505	41.117	477357.483	4208831.206	104.744
360	2.150	142.8346	97.0520	35.663	1.119	35.610	477351.230	4208829.907	104.358
361	2.150	136.8544	96.5708	28.276	0.990	28.223	477345.184	4208835.091	104.229
362	2.040	143.4126	97.2492	27.462	0.764	27.425	477343.508	4208832.635	104.003
363	2.000	147.9042	96.7848	27.553	1.009	27.507	477342.803	4208830.829	104.248
364	1.295	150.0814	98.6468	21.695	0.784	21.681	477337.222	4208832.698	104.023
365	2.150	146.0166	96.2382	21.684	0.749	21.637	477337.787	4208833.961	103.988
366	1.900	144.0788	97.3924	21.675	0.606	21.648	477338.056	4208834.562	103.845
367	1.295	134.7950	98.7230	22.103	0.766	22.090	477339.466	4208837.453	104.005
368	1.295	129.2392	99.7322	10.575	0.367	10.571	477328.471	4208841.136	103.606
369	2.150	146.7616	95.6502	12.172	0.299	12.139	477329.054	4208837.704	103.538
370	2.150	149.0948	94.7600	11.984	0.453	11.939	477328.682	4208837.394	103.692

<b>Στάση: S6</b>	<b>Χ: 477328.920</b>	<b>Υ: 4208901.880</b>	<b>Η: 102.805</b>	<b>Ύψος Οργάνου: 1.615</b>
<b>Αφετηρία: S5</b>	<b>Χ: 477312.948</b>	<b>Υ: 4208859.039</b>	<b>Η: 102.958</b>	<b>Γωνία αφετηρίας: 0.0000</b>

Σημείο	Ύψος σκόπ.	Οριζ. Γωνία	Κατακόρ. Γωνία	Κεκλιμένη Απόσταση	Υψομετρ. Διαφορά	Οριζόντ. Απόστ.	Χ	Υ	Η
371	1.295	192.6260	104.2782	4.906	-0.009	4.893	477330.088	4208906.631	102.796
372	1.295	206.6432	107.2860	4.770	-0.225	4.737	477331.028	4208906.122	102.580
373	1.295	203.5312	104.0664	8.943	-0.251	8.921	477332.495	4208910.053	102.554
374	1.295	202.8548	103.2882	11.471	-0.272	11.451	477333.397	4208912.419	102.533
375	1.295	197.5952	102.3918	10.408	-0.071	10.396	477332.181	4208911.752	102.734
376	1.295	196.8624	102.2036	11.265	-0.070	11.254	477332.327	4208912.606	102.735
377	1.295	202.4802	102.9628	12.735	-0.272	12.716	477333.823	4208913.613	102.533
378	1.350	197.9816	101.2934	18.407	-0.109	18.396	477334.797	4208919.312	102.696
379	1.295	206.1246	101.9054	20.195	-0.284	20.178	477337.752	4208920.022	102.521
380	1.295	200.2294	101.2722	24.311	-0.166	24.296	477337.489	4208924.615	102.639
381	1.295	200.1516	101.6356	25.639	-0.339	25.620	477337.927	4208925.865	102.466
382	1.295	199.6946	101.5950	25.710	-0.324	25.691	477337.779	4208925.996	102.481
383	1.295	199.6908	101.5888	26.754	-0.348	26.735	477338.138	4208926.975	102.457
384	1.295	199.6572	101.5884	26.994	-0.353	26.975	477338.207	4208927.206	102.452
385	1.295	199.1072	100.2998	27.102	0.192	27.091	477338.027	4208927.394	102.997
386	1.295	198.9224	100.8630	26.607	-0.041	26.594	477337.787	4208926.952	102.764
387	1.295	198.9226	100.8622	25.640	-0.027	25.627	477337.465	4208926.041	102.778
388	1.295	198.1446	103.4746	26.136	-1.106	26.086	477337.317	4208926.578	101.699
389	1.295	197.9178	101.6708	32.085	-0.522	32.061	477339.132	4208932.271	102.283
390	1.295	199.2414	101.6802	31.557	-0.513	31.533	477339.583	4208931.556	102.292
391	1.295	199.5962	101.1342	31.852	-0.247	31.834	477339.851	4208931.778	102.558
392	2.150	198.0250	100.1526	37.389	-0.625	37.374	477340.883	4208937.287	102.180
393	2.150	199.0648	100.1650	37.281	-0.632	37.266	477341.424	4208936.985	102.173
394	2.150	199.3552	99.7790	37.282	-0.405	37.267	477341.584	4208936.929	102.400
395	2.150	199.6564	99.3108	37.345	-0.131	37.328	477341.771	4208936.926	102.674
396	1.295	199.6768	100.7458	37.600	-0.120	37.582	477341.870	4208937.161	102.685
397	1.295	199.7184	100.7148	39.385	-0.122	39.366	477342.509	4208938.827	102.683
398	1.295	200.1112	100.6146	39.736	-0.064	39.718	477342.860	4208939.071	102.741
399	1.295	199.0552	100.2460	39.449	0.168	39.433	477342.145	4208939.029	102.973
400	1.295	198.9980	100.2634	38.549	0.161	38.533	477341.811	4208938.193	102.966
401	1.295	198.1068	100.2498	40.696	0.160	40.679	477341.991	4208940.402	102.965
402	1.295	198.6486	100.2382	40.704	0.168	40.687	477342.321	4208940.297	102.973
403	1.295	198.8334	99.9744	48.160	0.340	48.140	477344.908	4208947.288	103.145
404	1.295	200.0426	100.2910	48.072	0.100	48.052	477345.736	4208946.893	102.905
405	1.295	198.9592	99.7678	57.107	0.529	57.083	477347.984	4208955.686	103.334
406	1.295	199.3890	99.8102	57.747	0.492	57.723	477348.565	4208956.158	103.297
407	1.295	200.0108	100.0478	57.698	0.277	57.674	477349.077	4208955.917	103.082
408	1.295	207.4512	99.9868	59.932	0.333	59.907	477356.259	4208955.185	103.138
409	1.295	208.2996	99.7782	61.942	0.536	61.916	477357.908	4208956.591	103.341
410	1.295	208.8290	99.2510	60.650	1.034	60.621	477357.746	4208955.209	103.839
411	2.150	209.7096	98.9644	55.557	0.369	55.527	477355.997	4208950.358	103.174
412	2.150	208.8944	98.9280	60.038	0.476	60.005	477357.507	4208954.638	103.281
413	2.150	209.9948	98.7396	53.963	0.533	53.930	477355.429	4208948.846	103.338
414	2.150	208.4092	99.1440	53.163	0.180	53.136	477353.878	4208948.790	102.985
415	2.150	210.3592	98.9686	50.011	0.275	49.984	477353.738	4208945.267	103.080

416	2.150	210.7318	98.9758	49.242	0.257	49.215	477353.606	4208944.457	103.062
417	2.150	210.7160	98.9938	48.201	0.227	48.175	477353.074	4208943.563	103.032
418	2.150	211.4400	98.9456	47.819	0.257	47.793	477353.351	4208942.957	103.062
419	2.150	210.4074	99.0276	47.286	0.187	47.261	477352.417	4208942.886	102.992
420	2.150	210.9368	98.9624	49.647	0.274	49.620	477353.947	4208944.726	103.079
421	2.150	210.0710	99.2188	44.383	0.010	44.362	477350.772	4208940.486	102.815
422	2.150	212.2348	98.9160	44.720	0.227	44.695	477352.245	4208940.006	103.032
423	2.150	213.0934	98.8444	45.394	0.289	45.368	477353.116	4208940.257	103.094
424	2.150	213.7158	98.8974	48.207	0.300	48.180	477355.013	4208942.383	103.105
425	2.150	213.0586	98.8870	41.748	0.195	41.725	477351.154	4208937.187	103.000
426	2.150	212.3822	99.0068	40.536	0.097	40.514	477350.143	4208936.391	102.902
427	2.150	213.4522	98.9424	40.577	0.139	40.555	477350.742	4208936.063	102.944
428	2.150	213.9276	97.9422	40.788	0.783	40.750	477351.103	4208936.063	103.588
429	2.150	213.8486	98.9164	39.436	0.136	39.414	477350.335	4208934.969	102.941
430	2.150	211.6738	99.3226	38.724	-0.123	38.706	477348.828	4208935.074	102.682
431	2.150	213.2296	99.3090	34.248	-0.163	34.232	477347.239	4208930.798	102.642
432	2.150	214.7614	99.0736	34.574	-0.032	34.556	477348.109	4208930.619	102.773
433	1.295	215.3770	99.8284	34.694	0.414	34.680	477348.456	4208930.534	103.219
434	1.295	215.9104	99.5190	34.427	0.580	34.412	477348.543	4208930.149	103.385
435	1.295	215.7576	100.1172	34.724	0.256	34.710	477348.644	4208930.441	103.061
436	1.295	214.2272	100.3248	33.095	0.151	33.081	477347.059	4208929.545	102.956
437	1.295	215.4382	100.2022	33.304	0.214	33.290	477347.700	4208929.368	103.019
438	1.800	216.4210	100.2726	27.626	-0.303	27.614	477344.848	4208924.438	102.502
439	1.800	216.2906	100.5276	28.110	-0.418	28.098	477345.079	4208924.866	102.387
440	1.295	222.1580	100.7078	24.601	0.047	24.589	477344.853	4208920.609	102.852
441	1.295	222.5626	99.8072	25.089	0.396	25.079	477345.291	4208920.878	103.201
442	1.295	221.5580	101.0250	22.704	-0.045	22.692	477343.460	4208919.301	102.760
443	1.295	225.5578	101.2030	19.331	-0.045	19.320	477342.206	4208915.906	102.760
444	1.295	227.2764	101.3638	17.868	-0.063	17.857	477341.545	4208914.508	102.742
445	2.150	228.9566	98.9872	16.311	-0.276	16.302	477340.747	4208913.100	102.529
446	1.295	233.4774	100.7848	17.974	0.098	17.965	477342.798	4208913.289	102.903
447	1.295	238.2520	101.3640	16.024	-0.023	16.014	477342.017	4208911.094	102.782
448	1.295	233.4826	102.9558	13.203	-0.293	13.183	477339.104	4208910.251	102.512
449	1.295	259.5524	103.3884	8.924	-0.155	8.908	477337.485	4208904.329	102.650
450	1.295	262.6412	101.8876	9.378	0.042	9.370	477338.043	4208904.016	102.847
451	1.295	268.0002	101.5772	10.548	0.059	10.540	477339.349	4208903.411	102.864
452	1.295	277.5166	99.8324	9.897	0.346	9.893	477338.813	4208901.843	103.151
453	1.295	279.0766	102.0276	8.775	0.041	8.767	477337.683	4208901.633	102.846
454	0.200	290.9148	110.5772	7.971	0.097	7.858	477336.599	4208900.210	102.902
455	1.295	210.6754	101.0966	29.920	-0.195	29.903	477343.896	4208927.763	102.610
456	1.295	210.3668	101.0246	30.700	-0.174	30.683	477344.158	4208928.512	102.631
457	1.295	206.4100	100.7548	35.916	-0.106	35.899	477344.778	4208934.086	102.699
458	1.295	203.6948	100.0310	57.722	0.292	57.698	477352.178	4208954.683	103.097
459	1.295	204.7608	100.3100	46.819	0.092	46.799	477348.499	4208944.387	102.897
460	1.295	207.3432	101.3982	27.298	-0.279	27.280	477341.328	4208926.175	102.526
461	1.295	211.8546	102.0936	18.311	-0.282	18.294	477338.374	4208917.542	102.523

462	1.295	222.9478	103.3280	10.410	-0.224	10.392	477335.751	4208909.711	102.581
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<b>Στάση: S7</b>	<b>Χ: 477351.186</b>	<b>Υ: 4208935.903</b>	<b>Η: 103.586</b>	<b>Ύψος Οργάνου: 1.576</b>
<b>Αφετηρία: S6</b>	<b>Χ: 477328.920</b>	<b>Υ: 4208901.880</b>	<b>Η: 102.805</b>	<b>Γωνία αφετηρίας: 0.0000</b>

Σημείο	Ύψος σκόπ.	Οριζ. Γωνία	Κατακόρ. Γωνία	Κεκλιμένη Απόσταση	Υψομετρ. Διαφορά	Οριζόντ. Απόστ.	Χ	Υ	Η
463	1.295	164.0188	100.8698	29.687	-0.125	29.672	477351.610	4208965.572	103.461
464	1.295	165.9596	101.3032	29.328	-0.319	29.310	477352.498	4208965.183	103.267
465	1.295	165.3918	100.7764	31.550	-0.104	31.535	477352.317	4208967.417	103.482
466	2.150	161.5944	98.8700	30.149	-0.039	30.132	477350.469	4208966.026	103.547
467	2.150	166.7048	99.0320	33.650	-0.062	33.632	477353.085	4208969.482	103.524
468	1.295	171.9758	100.5102	41.567	-0.052	41.549	477356.954	4208977.049	103.534
469	1.295	172.0354	100.4828	42.125	-0.038	42.107	477357.071	4208977.596	103.548
470	1.295	172.2830	100.4632	42.724	-0.030	42.705	477357.319	4208978.166	103.556
471	1.295	171.1008	100.1660	42.878	0.169	42.860	477356.553	4208978.426	103.755
472	1.295	174.3916	100.3754	44.065	0.021	44.046	477358.952	4208979.259	103.607
473	1.295	173.4858	99.9924	52.109	0.287	52.088	477359.639	4208987.300	103.873
474	1.295	173.8530	99.9396	53.758	0.332	53.736	477360.212	4208988.875	103.918
475	1.295	174.4886	99.9016	55.609	0.367	55.586	477361.070	4208990.603	103.953
476	1.295	175.3834	100.1568	55.530	0.144	55.507	477361.822	4208990.382	103.730
477	1.295	173.9596	100.3368	48.791	0.023	48.770	477359.459	4208983.967	103.609
478	1.295	175.8198	99.7458	63.955	0.537	63.928	477363.866	4208998.561	104.123
479	1.295	176.7956	99.9670	64.237	0.315	64.211	477364.885	4208998.635	103.901
480	1.295	177.0964	99.5220	74.282	0.839	74.250	477367.369	4209008.367	104.425
481	1.295	178.0580	99.6546	74.538	0.686	74.506	477368.522	4209008.365	104.272
482	1.295	177.9996	99.3064	84.187	1.199	84.148	477370.690	4209017.759	104.785
483	1.295	178.8678	99.4314	83.606	1.028	83.568	477371.662	4209016.924	104.614
484	1.295	181.1748	99.4558	80.714	0.971	80.678	477373.775	4209013.354	104.557
485	1.295	178.6706	99.1422	93.469	1.541	93.422	477373.796	4209026.548	105.127
486	1.295	179.5790	99.2556	93.735	1.378	93.690	477375.156	4209026.475	104.964
487	1.295	179.0592	99.0162	100.036	1.828	99.983	477375.976	4209032.764	105.414
488	1.295	180.0180	99.1272	100.009	1.653	99.959	477377.425	4209032.356	105.239
489	1.295	179.4074	98.9770	102.163	1.923	102.108	477377.043	4209034.683	105.509
490	1.295	181.0314	99.0236	106.488	1.915	106.432	477380.756	4209038.145	105.501
491	1.295	180.4756	99.0372	110.012	1.946	109.954	477380.811	4209041.791	105.532
492	1.295	180.5028	99.0372	110.760	1.957	110.702	477381.058	4209042.499	105.543
493	1.295	180.0106	98.8566	110.099	2.259	110.036	477380.058	4209042.084	105.845
494	1.295	179.6868	98.8618	111.046	2.267	110.983	477379.762	4209043.144	105.853
495	1.295	180.5578	98.7960	116.680	2.488	116.611	477382.750	4209048.161	106.074
496	1.295	181.5572	98.9020	123.309	2.409	123.240	477386.402	4209054.005	105.995
497	1.295	180.2810	98.8288	122.999	2.545	122.928	477383.944	4209054.386	106.131
498	1.295	182.2282	98.9940	109.830	2.017	109.771	477383.660	4209040.761	105.603
499	1.295	181.8432	99.1336	98.126	1.617	98.077	477379.634	4209029.763	105.203
500	1.295	181.5084	99.3236	87.130	1.207	87.089	477376.008	4209019.380	104.793
501	1.295	180.5556	99.7394	69.497	0.566	69.468	477369.987	4209002.778	104.152

502	1.295	179.7524	100.0114	56.305	0.271	56.282	477365.733	4208990.272	103.857
503	1.295	177.6194	100.3660	42.715	0.036	42.697	477360.834	4208977.495	103.622
504	1.295	174.8190	100.9600	32.330	-0.206	32.313	477357.096	4208967.671	103.380
505	1.295	170.8048	101.8110	23.686	-0.393	23.667	477354.040	4208959.397	103.193
506	2.150	28.4630	103.3528	16.212	-1.427	16.183	477337.341	4208927.524	102.159
507	2.150	13.6108	100.7980	23.555	-0.869	23.544	477334.407	4208919.387	102.717

<b>Στάση: S7A</b>	<b>Χ: 477357.257</b>	<b>Υ: 4208979.216</b>	<b>Η: 103.777</b>	<b>Ύψος Οργάνου: 1.610</b>
<b>Αφετηρία: S7</b>	<b>Χ: 477351.186</b>	<b>Υ: 4208935.903</b>	<b>Η: 103.586</b>	<b>Γωνία αφετηρίας: 0.0000</b>

Σημείο	Ύψος σκόπ.	Οριζ. Γωνία	Κατακόρ. Γωνία	Κεκλιμένη Απόσταση	Υψομετρ. Διαφορά	Οριζόντ. Απόστ.	Χ	Υ	Η
508	1.295	380.4986	103.2194	14.913	-0.439	14.888	477359.733	4208964.535	103.338
509	1.295	347.0532	102.6196	10.078	-0.100	10.065	477363.683	4208971.469	103.677
510	1.295	353.0802	104.0502	9.102	-0.264	9.080	477362.367	4208971.711	103.513
511	1.295	343.7942	103.6360	8.904	-0.193	8.886	477363.272	4208972.676	103.584
512	1.295	338.3238	103.3396	9.569	-0.187	9.552	477364.303	4208972.766	103.590
513	1.295	332.7782	102.8274	10.218	-0.139	10.204	477365.354	4208973.007	103.638
514	1.295	335.6804	107.8906	9.956	-0.916	9.876	477364.812	4208972.856	102.861
515	1.295	338.8376	102.3736	10.424	-0.074	10.412	477364.881	4208972.124	103.703
516	1.295	339.3840	102.2432	10.836	-0.067	10.825	477365.119	4208971.775	103.710
517	1.295	342.6986	101.8726	11.420	-0.021	11.410	477365.125	4208970.952	103.756
518	1.295	340.6854	101.0186	12.254	0.119	12.247	477365.978	4208970.617	103.896
519	1.295	330.3720	101.0014	15.873	0.065	15.865	477370.202	4208970.045	103.842
520	1.295	327.3530	100.4904	21.368	0.150	21.359	477375.251	4208967.710	103.927
521	1.295	326.4546	99.5714	23.945	0.476	23.935	477377.602	4208966.608	104.253
522	1.295	323.6540	100.8548	21.540	0.026	21.529	477376.038	4208968.691	103.803
523	1.295	323.6440	100.1412	30.274	0.248	30.262	477383.658	4208964.426	104.025
524	1.600	321.6016	99.7442	30.097	0.131	30.084	477383.962	4208965.362	103.908
525	2.150	320.7702	98.5434	29.203	0.128	29.183	477383.335	4208966.116	103.905
526	1.295	322.0704	100.0438	34.538	0.291	34.524	477387.784	4208963.092	104.068
527	1.295	322.6808	99.5328	36.209	0.581	36.193	477389.097	4208962.006	104.358
528	2.150	318.4768	98.8088	40.801	0.224	40.777	477394.331	4208962.236	104.001
529	2.150	320.2874	98.6004	41.529	0.373	41.502	477394.483	4208960.868	104.150
530	2.150	318.2334	98.8492	45.213	0.277	45.187	477398.412	4208960.557	104.054
531	2.150	319.6052	98.7350	45.231	0.359	45.204	477398.015	4208959.667	104.136
532	2.150	320.8538	98.8966	47.294	0.280	47.268	477399.467	4208957.943	104.057
533	2.150	320.0034	98.9148	52.740	0.359	52.711	477404.640	4208956.124	104.136
534	2.150	318.1160	98.8374	53.035	0.429	53.004	477405.572	4208957.418	104.206
535	2.150	317.0058	98.8684	54.390	0.427	54.359	477407.189	4208957.728	104.204
536	2.150	318.4918	98.6492	54.446	0.615	54.411	477406.721	4208956.547	104.392
537	2.150	313.7554	98.6180	49.884	0.543	49.852	477403.995	4208961.873	104.320
538	2.150	309.8352	98.7994	52.128	0.443	52.097	477407.123	4208964.132	104.220
539	1.295	308.0638	99.6930	51.345	0.563	51.323	477406.776	4208965.728	104.340
540	1.295	307.3694	99.8122	44.468	0.446	44.450	477400.269	4208968.003	104.223
541	2.150	309.3858	98.8910	44.992	0.244	44.967	477400.388	4208966.500	104.021

542	2.150	308.2722	98.5614	44.036	0.455	44.007	477399.679	4208967.512	104.232
543	1.295	306.3880	99.7222	37.465	0.479	37.449	477393.637	4208970.329	104.256
544	1.295	306.6100	99.5340	39.515	0.604	39.498	477395.594	4208969.709	104.381
545	2.150	308.8258	98.6722	37.749	0.247	37.725	477393.535	4208968.867	104.024
546	1.295	304.6388	99.9644	29.857	0.332	29.845	477386.433	4208972.933	104.109
547	1.700	307.4240	99.4372	28.507	0.162	28.494	477384.824	4208972.004	103.939
548	1.700	304.9248	99.4596	19.460	0.075	19.451	477376.254	4208975.035	103.852
549	1.295	302.3660	100.1224	23.190	0.270	23.180	477380.078	4208975.148	104.047
550	1.295	301.6864	100.3322	17.434	0.224	17.427	477374.445	4208976.341	104.001
551	0.300	296.3194	105.2716	14.890	0.078	14.833	477372.041	4208978.009	103.855
552	1.295	296.5210	100.4394	13.225	0.224	13.219	477370.429	4208978.099	104.001
553	1.295	294.8086	100.6134	12.013	0.199	12.008	477369.245	4208978.523	103.976
554	1.295	298.1270	100.7452	11.857	0.176	11.851	477369.037	4208977.917	103.953
555	1.295	297.9722	102.2426	10.424	-0.052	10.413	477367.610	4208978.100	103.725
556	1.295	290.4392	102.8214	8.554	-0.064	8.542	477365.799	4208979.309	103.713
557	1.600	279.1176	100.3548	8.790	-0.039	8.786	477365.887	4208980.865	103.738
558	1.295	282.0814	100.9586	10.097	0.163	10.092	477367.247	4208980.646	103.940
559	1.295	286.1404	101.1638	9.703	0.138	9.697	477366.925	4208979.976	103.915
560	1.295	288.1220	100.9496	10.173	0.163	10.168	477367.413	4208979.697	103.940
561	1.295	296.2594	102.8634	8.911	-0.086	8.898	477366.127	4208978.500	103.691
562	1.295	300.0206	102.8400	9.196	-0.095	9.183	477366.351	4208977.938	103.682
563	1.295	298.7804	107.9868	9.549	-0.880	9.470	477366.659	4208978.081	102.897
564	1.295	259.5520	100.6348	13.415	0.181	13.409	477369.049	4208985.599	103.958
565	1.295	253.0768	101.4518	12.924	0.020	12.915	477367.932	4208986.485	103.797
566	1.750	247.5716	98.4996	17.365	0.269	17.353	477370.703	4208990.185	104.046
567	1.295	232.7092	99.9090	25.126	0.351	25.116	477372.518	4208999.164	104.128
568	1.295	237.3140	99.5576	24.700	0.487	24.689	477373.636	4208997.690	104.264
569	1.295	245.0626	99.7784	26.569	0.408	26.558	477377.159	4208996.802	104.185
570	1.295	241.8878	99.1062	29.339	0.727	29.324	477378.236	4208999.704	104.504
571	1.295	241.2464	98.7310	29.513	0.903	29.495	477378.150	4209000.035	104.680
572	1.295	233.5470	99.3480	28.143	0.603	28.130	477374.642	4209001.331	104.380
573	1.295	235.3646	99.1240	28.965	0.714	28.950	477375.791	4209001.456	104.491
574	1.295	232.7732	99.2788	28.545	0.638	28.531	477374.616	4209001.859	104.415
575	1.295	231.0894	99.3586	28.725	0.604	28.712	477374.117	4209002.456	104.381
576	1.295	228.6450	99.1484	33.517	0.763	33.500	477375.873	4209007.067	104.540
577	1.295	227.7576	99.3092	33.739	0.681	33.723	477375.605	4209007.511	104.458
578	1.295	226.8820	98.8650	41.387	1.053	41.364	477379.282	4209014.228	104.830
579	1.295	225.1946	99.0500	41.554	0.935	41.532	477378.432	4209014.945	104.712
580	0.250	225.1246	100.0050	47.386	1.356	47.367	477381.362	4209019.990	105.133
581	0.050	223.1386	99.9088	55.144	1.639	55.121	477383.815	4209027.518	105.416
582	1.295	307.8492	107.4254	3.986	-0.149	3.957	477361.079	4208978.189	103.628
583	1.295	317.6528	103.4146	7.709	-0.098	7.695	477364.294	4208976.103	103.679
584	1.295	314.1054	100.6946	17.402	0.125	17.394	477373.531	4208973.075	103.902
585	1.295	313.5616	100.1526	28.301	0.247	28.289	477383.809	4208969.455	104.024
586	1.295	313.5600	99.9436	39.334	0.350	39.318	477394.161	4208965.651	104.127

<b>Στάση: S7B</b>	<b>Χ: 477385.930</b>	<b>Υ: 4209054.026</b>	<b>Η: 106.131</b>	<b>Ύψος Οργάνου: 1.590</b>
<b>Αφετηρία: S7A</b>	<b>Χ: 477357.257</b>	<b>Υ: 4208979.216</b>	<b>Η: 103.777</b>	<b>Γωνία αφετηρίας: 0.0000</b>

Σημείο	Ύψος σκόπ.	Οριζ. Γωνία	Κατακόρ. Γωνία	Κεκλιμένη Απόσταση	Υψομετρ. Διαφορά	Οριζόντ. Απόστ.	Χ	Υ	Η
587	1.295	364.5600	102.0278	14.404	-0.164	14.391	477388.657	4209039.896	105.967
588	1.295	362.4572	101.7010	14.264	-0.086	14.253	477389.092	4209040.128	106.045
589	1.295	361.5510	101.7010	13.747	-0.072	13.736	477389.168	4209040.677	106.059
590	1.295	369.0308	103.0106	13.828	-0.359	13.807	477387.589	4209040.319	105.772
591	1.295	361.4702	102.8822	12.417	-0.267	12.399	477388.868	4209041.980	105.864
592	1.295	350.3772	102.4512	12.449	-0.184	12.435	477390.926	4209042.639	105.947
593	1.295	321.7684	99.3428	21.159	0.513	21.149	477401.997	4209040.273	106.644
594	1.295	311.0166	99.7180	21.770	0.391	21.761	477404.605	4209042.856	106.522
595	1.295	297.9144	99.2732	19.325	0.516	19.316	477404.183	4209047.708	106.647
596	1.295	280.5654	99.2952	19.913	0.515	19.904	477405.797	4209052.818	106.646
597	1.295	277.6956	98.6384	19.976	0.722	19.963	477405.891	4209053.714	106.853
598	1.295	281.5300	99.7440	15.314	0.357	15.308	477401.194	4209052.866	106.488
599	1.295	274.2350	100.1476	12.829	0.265	12.824	477398.744	4209054.522	106.396
600	1.295	261.8762	100.1574	14.313	0.260	14.307	477399.851	4209057.327	106.391
601	1.700	255.3446	98.4796	20.803	0.387	20.789	477405.560	4209060.869	106.518
602	1.295	238.1344	101.5108	9.948	0.059	9.941	477394.102	4209059.686	106.190
603	1.295	203.6224	103.2716	8.991	-0.167	8.975	477389.614	4209062.211	105.964
604	1.295	185.0758	101.5570	9.180	0.071	9.174	477387.134	4209063.120	106.202
605	1.295	256.7960	103.2752	6.010	-0.014	6.000	477391.639	4209055.871	106.117
606	1.295	358.4814	105.1742	5.209	-0.128	5.190	477387.395	4209049.047	106.003
607	1.295	324.8962	100.8892	11.970	0.128	11.964	477394.626	4209045.809	106.259
608	1.295	311.9990	100.6754	10.805	0.180	10.800	477395.112	4209048.340	106.311

<b>Στάση: S8</b>	<b>Χ: 477317.461</b>	<b>Υ: 4208946.570</b>	<b>Η: 101.725</b>	<b>Ύψος Οργάνου: 1.478</b>
<b>Αφετηρία: S7</b>	<b>Χ: 477351.186</b>	<b>Υ: 4208935.903</b>	<b>Η: 103.586</b>	<b>Γωνία αφετηρίας: 0.0000</b>

Σημείο	Ύψος σκόπ.	Οριζ. Γωνία	Κατακόρ. Γωνία	Κεκλιμένη Απόσταση	Υψομετρ. Διαφορά	Οριζόντ. Απόστ.	Χ	Υ	Η
609	1.300	73.9834	100.4412	26.784	-0.008	26.772	477320.196	4208919.938	101.717
610	2.150	73.5462	98.4144	26.783	-0.005	26.764	477320.378	4208919.966	101.720
611	2.150	71.0888	98.1186	25.787	0.090	25.765	477321.255	4208921.086	101.815
612	2.150	65.9796	97.4852	25.756	0.345	25.725	477323.277	4208921.511	102.070
613	2.150	68.3866	98.1490	22.922	-0.006	22.903	477321.792	4208924.080	101.719
614	2.150	59.8014	97.6718	21.060	0.098	21.037	477324.180	4208926.635	101.823
615	2.150	54.8366	97.4706	20.493	0.142	20.468	477325.490	4208927.742	101.867
616	2.150	55.9756	97.5130	17.082	-0.005	17.062	477323.872	4208930.758	101.720
617	2.150	54.5538	97.8914	16.905	-0.112	16.889	477324.155	4208931.064	101.612
618	2.150	55.5486	98.0780	17.879	-0.132	17.864	477324.284	4208930.061	101.592
619	2.150	53.3936	99.1172	17.762	-0.426	17.753	477324.793	4208930.402	101.299
620	1.300	49.8486	100.0076	19.147	0.176	19.139	477326.323	4208929.606	101.900



621	1.300	46.3330	101.7660	20.081	-0.379	20.065	477327.720	4208929.326	101.346
622	1.300	46.6352	99.9010	20.211	0.209	20.203	477327.708	4208929.159	101.934
623	1.300	44.6220	101.5216	19.629	-0.291	19.615	477327.939	4208929.988	101.433
624	1.300	42.7680	101.9080	19.329	-0.401	19.312	477328.248	4208930.551	101.323
625	2.150	44.1088	99.4472	17.517	-0.520	17.509	477326.933	4208931.844	101.205
626	2.150	41.3332	99.6534	16.064	-0.585	16.057	477326.728	4208933.457	101.140
627	2.150	40.9724	97.2334	16.490	0.044	16.468	477327.041	4208933.176	101.769
628	1.300	40.2652	99.7292	16.678	0.249	16.671	477327.309	4208933.119	101.973
629	2.150	37.1234	94.5668	18.241	0.883	18.167	477328.903	4208932.459	102.607
630	1.300	32.1222	103.7790	14.080	-0.657	14.049	477327.139	4208936.385	101.067
631	1.300	33.4688	102.1226	13.550	-0.274	13.537	477326.576	4208936.562	101.451
632	1.300	34.8272	101.0496	13.019	-0.037	13.012	477326.015	4208936.765	101.688
633	2.150	11.2368	97.0604	13.896	-0.031	13.876	477329.750	4208940.128	101.694
634	2.150	11.2474	100.4042	13.215	-0.756	13.209	477329.159	4208940.435	100.969
635	2.150	10.5768	100.0038	14.023	-0.673	14.017	477329.943	4208940.191	101.052
636	2.150	5.1140	99.9134	13.954	-0.653	13.948	477330.379	4208941.310	101.071
637	2.150	5.0174	96.6456	14.063	0.069	14.038	477330.470	4208941.296	101.793
638	2.150	5.2492	100.2562	12.849	-0.724	12.844	477329.346	4208941.701	101.001
639	2.150	5.1818	97.0328	11.923	-0.116	11.905	477328.482	4208942.069	101.608
640	2.150	3.7534	96.7628	11.655	-0.080	11.635	477328.328	4208942.414	101.645
641	2.150	3.2042	96.4166	11.346	-0.034	11.323	477328.072	4208942.616	101.691
642	2.150	2.4222	96.4398	12.719	0.039	12.694	477329.410	4208942.284	101.763
643	2.150	2.4822	96.5310	11.988	-0.019	11.965	477328.720	4208942.520	101.705
644	2.150	386.2160	96.5872	12.020	-0.028	11.998	477329.410	4208945.494	101.697
645	1.300	385.9084	99.8276	13.718	0.215	13.712	477331.124	4208945.406	101.940
646	1.300	370.1974	100.3936	13.979	0.092	13.973	477331.252	4208948.821	101.816
647	1.300	361.3236	99.8170	16.578	0.226	16.571	477333.286	4208951.486	101.950
648	1.300	351.1092	99.5102	20.216	0.334	20.207	477335.553	4208955.571	102.058
649	1.300	348.5436	99.5070	20.748	0.339	20.739	477335.642	4208956.548	102.063
650	1.300	337.6496	99.5358	23.608	0.350	23.598	477335.912	4208961.280	102.075
651	1.300	336.0116	100.0284	23.527	0.168	23.517	477335.466	4208961.699	101.892
652	1.300	334.9246	100.0120	23.779	0.174	23.769	477335.396	4208962.169	101.898
653	1.300	352.1212	100.4640	16.727	0.056	16.720	477332.547	4208953.778	101.781
654	1.300	350.6468	100.4204	16.863	0.067	16.856	477332.497	4208954.187	101.791
655	1.300	326.0906	99.6190	19.944	0.297	19.935	477330.549	4208961.608	102.022
656	1.300	340.5840	99.8656	12.747	0.205	12.742	477327.779	4208954.045	101.929
657	1.300	364.9464	100.1708	8.630	0.155	8.626	477325.831	4208948.656	101.879
658	1.300	46.5062	100.4436	9.231	0.114	9.227	477322.157	4208938.627	101.838
659	1.300	78.6966	100.1564	19.320	0.131	19.312	477318.007	4208927.266	101.855
660	1.300	86.2354	100.0870	27.908	0.140	27.897	477314.950	4208918.787	101.864
661	0.100	104.5982	104.0620	19.194	0.154	19.147	477310.384	4208928.779	101.879
662	2.150	98.0784	97.8414	21.988	0.073	21.966	477311.472	4208925.436	101.798
663	2.150	94.4130	97.9862	21.891	0.020	21.871	477312.718	4208925.219	101.745
664	2.150	88.2040	96.5070	12.599	0.019	12.575	477315.943	4208934.087	101.743
665	2.150	89.7074	99.6724	12.241	-0.609	12.236	477315.697	4208934.462	101.116
666	2.350	93.1538	98.0832	11.391	-0.529	11.381	477315.213	4208935.413	101.195
667	1.850	93.8896	97.6716	11.297	0.041	11.285	477315.105	4208935.534	101.766

668	0.100	106.5316	107.9050	10.716	0.051	10.629	477313.235	4208936.817	101.775
669	2.150	97.2792	96.1826	11.704	0.029	11.678	477314.418	4208935.295	101.754
670	1.300	98.7222	101.4054	7.100	0.021	7.095	477315.457	4208939.763	101.746
671	1.300	85.1724	101.9358	5.146	0.022	5.142	477317.084	4208941.442	101.746
672	1.300	82.7232	112.5214	5.308	-0.859	5.204	477317.279	4208941.370	100.865
673	1.300	86.1064	102.5532	4.435	0.000	4.430	477317.071	4208942.158	101.725
674	1.300	74.0802	104.6326	4.327	-0.137	4.314	477317.895	4208942.278	101.588
675	1.300	73.9268	104.8682	5.058	-0.208	5.041	477317.980	4208941.556	101.516
676	1.300	75.8878	111.0614	5.853	-0.834	5.763	477317.878	4208940.823	100.891
677	1.300	70.9634	101.8526	5.871	0.007	5.866	477318.336	4208940.770	101.732
678	1.550	34.4926	101.9570	1.739	-0.125	1.737	477318.610	4208945.267	101.599
679	1.550	114.6708	92.0446	1.252	0.084	1.242	477316.826	4208945.503	101.809
680	1.550	154.2158	94.2282	1.017	0.020	1.012	477316.534	4208946.164	101.745
681	1.550	5.9624	101.0508	1.956	-0.104	1.955	477319.262	4208945.809	101.620
682	1.550	377.3266	100.8754	2.187	-0.102	2.186	477319.644	4208946.679	101.622
683	1.550	368.2540	101.7002	1.649	-0.116	1.648	477319.078	4208946.885	101.608
684	1.300	313.2936	109.1862	1.792	-0.080	1.773	477318.334	4208948.113	101.645
685	1.300	315.3528	105.7526	2.972	-0.090	2.959	477319.001	4208949.096	101.634
686	1.300	248.4844	105.8666	2.427	-0.045	2.416	477316.297	4208948.687	101.679
687	1.300	231.5436	104.0492	4.532	-0.110	4.521	477314.317	4208949.819	101.614
688	1.300	227.1298	104.5312	5.044	-0.181	5.029	477313.722	4208949.933	101.544
689	1.300	217.9874	102.9734	5.981	-0.101	5.972	477312.495	4208949.887	101.623
690	1.300	218.4670	103.3616	6.691	-0.175	6.679	477311.935	4208950.321	101.549
691	1.300	210.4340	103.3008	5.685	-0.117	5.675	477312.402	4208949.141	101.608
692	1.300	192.5874	103.4208	5.268	-0.105	5.258	477312.297	4208947.563	101.620
693	0.500	212.1782	106.0766	12.744	-0.237	12.681	477306.318	4208952.623	101.488
694	0.060	209.3400	107.8020	14.491	-0.353	14.376	477304.535	4208952.863	101.371
695	1.300	201.6718	102.3124	14.178	-0.337	14.163	477304.074	4208951.194	101.388
696	1.300	197.0256	102.2166	14.500	-0.327	14.485	477303.461	4208950.289	101.398
697	1.300	197.9068	102.1984	20.634	-0.534	20.613	477297.614	4208952.137	101.190
698	1.300	198.7168	102.2286	20.614	-0.543	20.593	477297.706	4208952.383	101.181
699	1.300	198.3382	101.7610	26.168	-0.546	26.147	477292.334	4208953.802	101.179
700	1.300	199.0076	102.2216	26.324	-0.740	26.297	477292.267	4208954.109	100.984
701	1.300	200.9726	102.2500	25.505	-0.723	25.479	477293.289	4208954.624	101.001
702	1.300	198.6868	101.4718	33.028	-0.585	33.006	477285.793	4208955.872	101.139
703	1.300	199.0598	102.1442	33.002	-0.933	32.970	477285.883	4208956.047	100.791
704	1.300	200.5474	102.1878	33.646	-0.978	33.612	477285.502	4208956.982	100.747
705	1.300	199.1366	102.4472	41.219	-1.406	41.172	477278.041	4208958.453	100.319
706	1.300	198.9350	102.0352	41.301	-1.142	41.263	477277.916	4208958.354	100.582
707	1.300	200.9686	102.4828	40.676	-1.408	40.628	477278.915	4208959.410	100.317
708	1.300	200.1372	102.5952	44.780	-1.647	44.725	477274.848	4208960.149	100.078
709	1.300	198.9340	102.5912	45.086	-1.656	45.030	477274.306	4208959.429	100.068
710	1.300	200.1926	102.7196	48.994	-1.914	48.929	477270.854	4208961.467	99.810
711	1.300	311.3564	100.1802	19.002	0.124	18.994	477326.312	4208963.376	101.849
712	1.300	310.5082	100.1768	19.316	0.124	19.308	477326.229	4208963.772	101.849
713	0.060	300.6754	103.6758	19.190	0.311	19.150	477323.429	4208964.766	102.035
714	1.300	313.5532	100.6338	13.486	0.044	13.480	477324.150	4208958.273	101.768

715	1.300	314.1202	100.8996	11.814	0.011	11.808	477323.411	4208956.769	101.736
716	1.300	312.2774	100.8374	10.727	0.037	10.722	477322.594	4208955.983	101.761
717	1.300	309.7212	100.2482	10.653	0.136	10.649	477322.179	4208956.116	101.861
718	1.300	305.3888	100.2654	9.423	0.139	9.419	477321.051	4208955.278	101.863
719	1.300	300.7418	100.1340	8.864	0.159	8.860	477320.231	4208954.986	101.884
720	0.300	297.9618	105.9068	9.398	0.307	9.354	477319.995	4208955.574	102.032
721	1.300	300.6984	101.1360	8.089	0.034	8.084	477319.983	4208954.251	101.758
722	1.300	293.2422	101.1178	7.534	0.046	7.530	477318.958	4208953.949	101.770
723	1.300	285.4490	101.4298	7.563	0.008	7.558	477318.048	4208954.105	101.733
724	1.300	289.6766	100.0288	8.002	0.174	7.999	477318.610	4208954.486	101.899
725	1.300	288.4378	99.7182	8.746	0.217	8.742	477318.549	4208955.244	101.941
726	1.300	281.9682	100.2216	8.361	0.149	8.358	477317.654	4208954.925	101.873
727	1.300	276.9618	100.3584	9.227	0.126	9.223	477316.949	4208955.779	101.851
728	1.300	293.7432	100.0272	8.085	0.175	8.082	477319.130	4208954.477	101.899
729	1.750	262.2408	98.6022	11.343	-0.023	11.336	477314.255	4208957.443	101.702
730	1.750	257.0214	98.6266	10.600	-0.043	10.593	477313.642	4208956.451	101.681
731	1.300	254.0604	102.3082	9.777	-0.176	9.767	477313.521	4208955.506	101.548
732	1.300	237.3590	101.8118	14.933	-0.247	14.921	477308.106	4208958.194	101.478
733	2.150	229.9772	99.0246	17.695	-0.401	17.686	477304.853	4208958.973	101.324
734	2.150	231.4302	98.8526	17.944	-0.349	17.934	477304.967	4208959.435	101.376
735	0.500	226.3930	104.1554	20.409	-0.353	20.357	477302.169	4208960.007	101.371
736	1.300	223.6668	102.6264	20.196	-0.655	20.171	477301.753	4208959.223	101.070
737	1.300	216.1202	102.5918	19.479	-0.615	19.455	477300.973	4208956.897	101.110
738	1.300	225.8304	102.7042	11.516	-0.311	11.501	477308.755	4208954.085	101.413
739	0.001	264.2732	116.6154	6.002	-0.072	5.796	477316.000	4208952.179	101.653
740	0.001	330.4014	116.1588	5.914	-0.008	5.722	477321.501	4208950.622	101.716
741	2.250	390.7066	117.8730	1.832	-1.280	1.760	477319.198	4208946.289	100.445

<b>Στάση: S9</b>	<b>Χ: 477289.787</b>	<b>Υ: 4208963.688</b>	<b>Η: 100.749</b>	<b>Ύψος Οργάνου: 1.482</b>
<b>Αφετηρία: S8</b>	<b>Χ: 477317.461</b>	<b>Υ: 4208946.570</b>	<b>Η: 101.725</b>	<b>Γωνία αφετηρίας: 0.0000</b>

Σημείο	Ύψος σκόπ.	Οριζ. Γωνία	Κατακόρ. Γωνία	Κεκλιμένη Απόσταση	Υψομετρ. Διαφορά	Οριζόντ. Απόστ.	Χ	Υ	Η
742	1.300	375.8014	98.5326	10.756	0.430	10.749	477300.374	4208961.829	101.178
743	1.300	380.1910	99.3856	6.676	0.246	6.673	477296.264	4208962.084	100.995
744	1.300	362.3198	106.8854	1.451	0.025	1.442	477291.228	4208963.743	100.774
745	1.300	217.6482	105.4678	2.780	-0.056	2.769	477287.921	4208965.733	100.692
746	1.300	202.2264	105.6208	3.149	-0.096	3.135	477287.180	4208965.430	100.653
747	1.300	190.0634	105.7586	3.867	-0.167	3.850	477286.238	4208965.180	100.581
748	1.300	171.9130	108.7764	3.637	-0.318	3.601	477286.209	4208964.093	100.431
749	1.300	186.9152	103.9636	8.941	-0.374	8.920	477281.403	4208966.733	100.374
750	1.300	185.3728	103.3868	13.434	-0.532	13.410	477277.076	4208967.959	100.216
751	0.060	189.4720	107.9010	16.575	-0.630	16.441	477274.572	4208969.917	100.119
752	1.300	184.8668	103.0638	18.683	-0.717	18.654	477272.058	4208969.489	100.032
753	1.300	181.7424	103.6576	18.389	-0.874	18.351	477272.087	4208968.533	99.875
754	0.060	10.2406	104.6496	13.915	0.407	13.872	477300.264	4208954.595	101.155

755	1.300	14.0692	99.2516	12.141	0.325	12.135	477298.457	4208955.197	101.073
756	1.300	53.3192	101.7228	6.010	0.019	6.005	477290.858	4208957.779	100.768
757	1.300	118.1920	104.6488	6.375	-0.283	6.355	477285.056	4208959.445	100.465
758	1.300	133.4992	104.5828	7.288	-0.342	7.266	477283.378	4208960.264	100.406
759	0.600	157.6338	106.6290	13.651	-0.537	13.572	477276.300	4208962.177	100.212
760	1.300	167.6722	103.5854	20.348	-0.963	20.307	477269.501	4208964.625	99.785
761	1.300	166.1818	103.5852	21.077	-1.004	21.035	477268.757	4208964.166	99.744
762	1.500	165.4818	103.1834	21.929	-1.114	21.893	477267.896	4208963.945	99.634
763	1.380	157.9778	103.5896	15.175	-0.753	15.145	477274.728	4208962.084	99.995
764	1.300	161.4782	103.7216	14.675	-0.675	14.644	477275.162	4208962.939	100.073
765	1.300	131.1278	103.6688	7.890	-0.272	7.874	477282.985	4208959.722	100.476
766	1.300	139.2800	104.5912	7.898	-0.387	7.874	477282.534	4208960.623	100.361
767	1.300	34.7358	100.6778	8.113	0.096	8.109	477293.468	4208956.463	100.844
768	1.300	26.3084	100.5420	8.203	0.112	8.199	477294.441	4208956.937	100.861
769	1.300	4.2654	98.7140	19.032	0.566	19.020	477305.257	4208952.622	101.315
770	1.300	2.2032	98.6646	18.414	0.568	18.402	477305.093	4208953.472	101.317
771	1.300	398.8336	98.5722	27.009	0.788	26.991	477312.998	4208949.912	101.536
772	1.300	396.3266	98.5612	27.289	0.799	27.271	477313.768	4208950.703	101.547
773	1.300	24.4772	101.2568	5.635	0.071	5.632	477293.116	4208959.145	100.819
774	1.300	148.7516	105.4538	6.050	-0.336	6.025	477283.951	4208962.191	100.413
775	1.300	171.8846	103.6058	17.097	-0.786	17.063	477272.832	4208965.600	99.963
776	1.300	175.9504	103.1580	26.923	-1.153	26.879	477263.324	4208968.399	99.596
777	1.300	178.4800	102.8404	39.288	-1.570	39.233	477251.465	4208972.093	99.178

<b>Στάση: S10</b>	<b>Χ: 477256.279</b>	<b>Υ: 4208968.437</b>	<b>Η: 99.334</b>	<b>Ύψος Οργάνου: 1.450</b>
<b>Αφετηρία: S9</b>	<b>Χ: 477289.787</b>	<b>Υ: 4208963.688</b>	<b>Η: 100.749</b>	<b>Γωνία αφετηρίας: 0.0000</b>

Σημείο	Ύψος σκόπ.	Οριζ. Γωνία	Κατακόρ. Γωνία	Κεκλιμένη Απόσταση	Υψομετρ. Διαφορά	Οριζόντ. Απόστ.	Χ	Υ	Η
778	1.300	371.3098	97.8290	10.224	0.499	10.214	477266.006	4208971.552	99.833
779	1.300	356.8110	98.0852	9.253	0.428	9.245	477264.220	4208973.171	99.762
780	1.300	377.6570	98.9728	9.891	0.310	9.886	477265.947	4208970.499	99.644
781	1.300	315.8884	99.4402	6.907	0.211	6.904	477258.906	4208974.822	99.545
782	1.300	318.4038	101.4198	4.924	0.040	4.921	477258.330	4208972.910	99.374
783	1.300	276.8508	100.4592	6.583	0.103	6.580	477254.825	4208974.854	99.437
784	1.300	275.1894	101.8888	8.073	-0.089	8.066	477254.292	4208976.255	99.245
785	1.300	271.4362	101.9496	8.390	-0.107	8.383	477253.739	4208976.425	99.227
786	1.300	256.4254	102.8492	7.371	-0.180	7.361	477252.471	4208974.736	99.154
787	1.300	252.9952	102.7742	7.840	-0.192	7.829	477251.874	4208974.910	99.142
788	1.300	260.1884	101.1084	8.981	-0.006	8.976	477252.098	4208976.380	99.328
789	1.300	261.3984	101.1202	9.535	-0.018	9.530	477252.001	4208976.952	99.316
790	1.300	245.5690	101.6630	10.717	-0.130	10.709	477249.264	4208976.529	99.204
791	1.300	236.0964	101.4350	17.276	-0.239	17.265	477243.161	4208979.662	99.095
792	1.300	233.7436	101.7562	16.254	-0.298	16.241	477243.557	4208978.533	99.036
793	1.300	229.8658	102.4960	16.193	-0.485	16.174	477243.021	4208977.701	98.849
794	0.500	229.1952	103.4572	23.323	-0.316	23.279	477237.058	4208981.570	99.018

795	1.300	226.7228	101.9308	21.874	-0.513	21.855	477237.769	4208980.056	98.821
796	1.300	222.4316	102.3212	26.232	-0.806	26.204	477233.197	4208980.842	98.528
797	1.300	224.8302	101.7240	30.079	-0.664	30.056	477230.359	4208983.652	98.670
798	1.300	221.6794	101.7866	38.166	-0.921	38.135	477222.477	4208986.092	98.413
799	1.300	220.9760	101.8822	37.294	-0.952	37.262	477223.062	4208985.322	98.382
800	1.300	218.7850	102.1880	37.411	-1.135	37.374	477222.400	4208984.216	98.199
801	0.060	219.2320	103.8000	39.580	-0.971	39.493	477220.596	4208985.362	98.363
802	1.300	213.2030	102.1902	39.822	-1.220	39.782	477218.884	4208982.010	98.114
803	1.300	214.7770	102.2240	29.426	-0.878	29.396	477228.903	4208979.147	98.456
804	1.300	218.4296	102.3788	20.481	-0.615	20.458	477237.685	4208976.971	98.719
805	1.300	224.7916	102.7850	9.570	-0.269	9.557	477248.034	4208973.270	99.065
806	1.300	359.1228	101.1234	3.397	0.090	3.395	477259.256	4208970.069	99.424
807	1.300	16.0036	99.4762	10.578	0.237	10.573	477266.050	4208964.396	99.571
808	1.300	29.8106	99.1392	11.810	0.310	11.804	477265.961	4208961.684	99.644
809	1.300	14.7636	101.3004	3.854	0.071	3.852	477259.866	4208967.035	99.405
810	1.300	40.6098	102.6504	3.474	0.005	3.470	477258.749	4208966.000	99.339
811	1.300	68.2078	105.3342	2.607	-0.068	2.597	477257.190	4208966.005	99.266
812	1.300	83.6472	102.4372	4.332	-0.016	4.327	477256.780	4208964.139	99.318
813	1.300	200.7014	104.1812	5.854	-0.234	5.839	477250.507	4208969.320	99.100
814	1.300	190.6808	104.5422	6.732	-0.330	6.712	477249.567	4208968.399	99.004
815	1.300	174.1770	103.3530	7.585	-0.249	7.571	477248.972	4208966.455	99.085
816	1.300	206.5458	102.7066	13.464	-0.422	13.446	477243.230	4208971.680	98.912
817	1.300	202.7880	102.7532	14.939	-0.496	14.919	477241.614	4208971.175	98.838
818	1.300	200.9674	102.8610	14.655	-0.508	14.634	477241.822	4208970.710	98.826
819	1.300	192.6182	102.4542	15.063	-0.431	15.046	477241.238	4208968.811	98.903
820	1.300	208.4956	102.3904	20.029	-0.602	20.007	477237.020	4208973.855	98.732
821	0.150	205.8232	105.9130	20.440	-0.596	20.344	477236.482	4208973.120	98.738
822	0.050	203.5714	106.3304	19.949	-0.580	19.842	477236.820	4208972.319	98.754
823	1.300	197.0230	102.2102	20.068	-0.547	20.048	477236.320	4208970.319	98.787

<b>Στάση: S11</b>	<b>Χ: 477210.136</b>	<b>Υ: 4208989.015</b>	<b>Η: 97.977</b>	<b>Ύψος Οργάνου: 1.436</b>
<b>Αφετηρία: S10</b>	<b>Χ: 477256.279</b>	<b>Υ: 4208968.437</b>	<b>Η: 99.334</b>	<b>Γωνία αφετηρίας: 0.0000</b>

Σημείο	Ύψος σκόπ.	Οριζ. Γωνία	Κατακόρ. Γωνία	Κεκλιμένη Απόσταση	Υψομετρ. Διαφορά	Οριζόντ. Απόστ.	Χ	Υ	Η
824	1.295	11.0870	98.8786	23.818	0.561	23.805	477229.868	4208975.699	98.537
825	1.295	13.4764	98.9054	23.957	0.553	23.944	477229.467	4208974.886	98.529
826	1.295	17.2056	98.8660	24.443	0.576	24.429	477228.981	4208973.470	98.553
827	1.295	17.0912	98.6304	26.597	0.713	26.580	477230.670	4208972.138	98.690
828	1.295	25.2442	99.2842	15.098	0.311	15.091	477220.475	4208978.022	98.287
829	1.300	26.1152	99.4542	14.828	0.263	14.821	477220.142	4208978.081	98.240
830	1.300	26.7380	98.4038	14.891	0.509	14.880	477220.074	4208977.940	98.486
831	1.300	23.6562	99.7480	14.703	0.194	14.697	477220.469	4208978.564	98.171
832	1.300	33.1916	99.2704	15.864	0.318	15.856	477219.477	4208976.202	98.294
833	1.300	34.7666	99.5638	16.205	0.247	16.198	477219.351	4208975.694	98.224
834	1.300	33.7446	98.9762	16.405	0.400	16.396	477219.679	4208975.682	98.376

835	1.300	34.6618	98.6984	16.495	0.473	16.485	477219.537	4208975.473	98.450
836	1.300	30.3702	100.5250	13.988	0.021	13.982	477218.865	4208978.093	97.997
837	1.300	35.5924	101.0164	14.582	-0.097	14.574	477218.271	4208976.923	97.880
838	1.300	32.8246	101.1222	14.255	-0.115	14.247	477218.595	4208977.551	97.861
839	1.300	32.7932	98.0522	14.414	0.577	14.401	477218.692	4208977.431	98.553
840	1.300	56.6556	101.9210	8.483	-0.120	8.476	477212.326	4208980.827	97.857
841	1.300	62.2464	101.8578	9.651	-0.146	9.643	477211.801	4208979.517	97.831
842	1.300	64.3316	100.7288	10.570	0.015	10.565	477211.619	4208978.555	97.992
843	1.300	119.4664	103.1812	7.879	-0.258	7.866	477204.918	4208983.129	97.719
844	1.300	121.3844	103.0236	9.035	-0.293	9.021	477203.951	4208982.448	97.684
845	1.300	120.5242	102.2094	10.036	-0.212	10.026	477203.362	4208981.624	97.764
846	1.300	150.7164	102.5774	11.847	-0.343	11.832	477199.040	4208984.906	97.633
847	1.300	146.7796	102.1602	13.305	-0.315	13.292	477197.980	4208983.638	97.661
848	1.300	163.2126	101.5518	19.134	-0.330	19.120	477191.255	4208986.000	97.646
849	1.300	165.1512	101.5734	18.894	-0.331	18.881	477191.410	4208986.607	97.646
850	1.300	165.4992	101.7526	19.577	-0.403	19.562	477190.721	4208986.626	97.574
851	1.300	169.9168	101.7840	22.627	-0.498	22.609	477187.559	4208987.816	97.479
852	1.300	168.7760	101.6058	22.644	-0.435	22.628	477187.565	4208987.410	97.541
853	1.300	168.2484	101.5872	23.089	-0.440	23.072	477187.136	4208987.188	97.537
854	1.300	393.3218	100.6158	4.649	0.091	4.647	477214.555	4208987.577	98.068
855	1.300	353.5236	101.2758	2.011	0.096	2.010	477212.050	4208989.629	98.072
856	1.300	32.7892	109.9140	1.480	-0.094	1.461	477211.004	4208987.839	97.883
857	1.300	214.8246	104.8964	2.564	-0.061	2.555	477208.105	4208990.566	97.915
858	1.300	183.4606	104.3222	5.914	-0.265	5.898	477204.313	4208989.953	97.711
859	2.150	203.1812	95.0576	7.492	-0.133	7.466	477203.477	4208992.393	97.844
860	2.150	199.7000	94.9362	7.611	-0.109	7.584	477203.195	4208992.071	97.867
861	1.300	81.7934	103.9468	4.357	-0.134	4.347	477209.557	4208984.707	97.843
862	1.300	166.0530	102.9528	9.965	-0.326	9.950	477200.250	4208987.886	97.650
863	1.300	180.3016	102.0658	17.309	-0.426	17.293	477192.948	4208990.915	97.551
864	1.300	186.0180	101.5072	25.480	-0.467	25.462	477185.180	4208994.070	97.509
865	2.150	193.7836	97.2266	9.373	-0.306	9.360	477201.256	4208991.976	97.671
866	2.150	194.0536	97.2292	10.037	-0.277	10.023	477200.641	4208992.226	97.699

<b>Στάση: S12</b>	<b>Χ: 477181.224</b>	<b>Υ: 4208991.753</b>	<b>Η: 97.544</b>	<b>Ύψος Οργάνου: 1.433</b>
<b>Αφετηρία: S11</b>	<b>Χ: 477210.136</b>	<b>Υ: 4208989.015</b>	<b>Η: 97.977</b>	<b>Γωνία αφετηρίας: 0.0000</b>

Σημείο	Ύψος σκόπ.	Οριζ. Γωνία	Κατακόρ. Γωνία	Κεκλιμένη Απόσταση	Υψομετρ. Διαφορά	Οριζόντ. Απόστ.	Χ	Υ	Η
867	1.300	389.5848	99.8236	17.716	0.182	17.709	477198.890	4208992.977	97.726
868	1.300	379.2214	100.1418	15.050	0.099	15.044	477195.865	4208995.211	97.643
869	1.300	371.0268	100.2820	14.075	0.071	14.069	477194.388	4208996.718	97.614
870	1.300	362.6122	100.4698	13.630	0.032	13.624	477193.227	4208998.199	97.576
871	1.300	341.9270	100.8436	14.467	-0.059	14.460	477191.112	4209002.303	97.485
872	1.300	325.9674	100.8366	17.383	-0.095	17.374	477189.589	4209006.981	97.448
873	1.300	320.6398	100.8312	19.791	-0.125	19.781	477189.265	4209009.826	97.418
874	1.300	315.1996	100.8868	23.237	-0.191	23.225	477188.820	4209013.701	97.353

875	1.300	311.8246	100.8424	26.391	-0.216	26.378	477188.518	4209017.102	97.327
876	1.300	309.6830	100.8544	28.598	-0.251	28.584	477188.199	4209019.473	97.293
877	1.300	308.4642	100.8620	29.913	-0.272	29.898	477187.964	4209020.882	97.272
878	1.300	306.8940	100.7786	33.325	-0.274	33.309	477187.930	4209024.380	97.269
879	1.300	307.2710	100.2558	33.428	-0.001	33.414	477188.145	4209024.442	97.542
880	1.300	305.7124	100.7556	36.878	-0.305	36.860	477187.974	4209027.990	97.239
881	0.500	306.0332	101.4300	36.940	0.103	36.916	477188.166	4209028.010	97.647
882	2.150	304.7226	99.3342	41.776	-0.280	41.757	477188.231	4209032.918	97.264
883	1.600	305.1768	100.1670	43.147	-0.280	43.129	477188.764	4209034.218	97.263
884	1.300	305.5132	100.2804	43.058	-0.057	43.040	477188.973	4209034.090	97.487
885	1.300	298.9074	100.8026	42.550	-0.403	42.529	477184.506	4209034.155	97.140
886	1.300	298.1586	100.8966	34.720	-0.356	34.702	477183.495	4209026.381	97.188
887	1.300	301.3140	101.0200	25.548	-0.276	25.534	477184.155	4209017.118	97.267
888	1.300	311.6062	101.2490	15.558	-0.172	15.549	477185.472	4209006.710	97.371
889	1.300	330.4066	101.4848	9.992	-0.100	9.985	477186.630	4209000.149	97.443
890	1.300	76.9310	102.0714	7.836	-0.122	7.829	477183.297	4208984.204	97.422
891	1.300	58.9120	101.2740	10.132	-0.070	10.126	477186.525	4208983.126	97.474
892	1.300	58.2878	101.2014	10.235	-0.060	10.229	477186.664	4208983.091	97.483
893	1.300	79.5834	101.5458	17.831	-0.300	17.818	477185.222	4208974.389	97.244
894	1.300	88.3110	101.5500	17.191	-0.285	17.179	477182.754	4208974.642	97.258
895	1.300	96.5248	101.5916	16.165	-0.271	16.153	477180.581	4208975.612	97.272
896	1.300	97.5264	100.7332	16.270	-0.054	16.262	477180.321	4208975.516	97.489
897	1.300	101.8970	101.9814	8.835	-0.142	8.827	477180.130	4208982.994	97.402
898	1.300	103.1326	100.3862	8.858	0.079	8.854	477179.957	4208982.990	97.623
899	1.300	111.6970	101.6294	4.654	0.014	4.651	477179.947	4208987.281	97.557
900	1.300	123.2792	102.4238	2.671	0.031	2.668	477180.039	4208989.362	97.575
901	1.300	133.1714	103.9176	1.937	0.014	1.933	477180.108	4208990.175	97.557
902	1.300	152.3424	107.1132	1.219	-0.003	1.211	477180.263	4208991.016	97.541
903	1.300	155.4844	96.3970	1.525	0.219	1.522	477179.972	4208990.888	97.763
904	1.300	302.7430	101.8488	6.959	-0.069	6.953	477182.177	4208998.641	97.474
905	1.300	302.8698	101.7022	7.873	-0.077	7.867	477182.318	4208999.544	97.466
906	1.300	301.7586	101.5634	8.491	-0.075	8.485	477182.257	4209000.175	97.468
907	1.300	296.0166	100.9112	13.335	-0.058	13.328	477181.648	4209005.074	97.486
908	1.300	293.7666	100.1122	13.121	0.110	13.116	477181.178	4209004.869	97.653
909	0.200	281.7786	105.9166	10.039	0.301	9.992	477179.319	4209001.561	97.845
910	1.300	281.8046	99.9310	12.324	0.146	12.319	477178.881	4209003.847	97.690
911	1.300	290.3312	101.0644	21.257	-0.222	21.245	477180.004	4209012.963	97.321
912	1.300	287.9330	100.5834	23.088	-0.079	23.078	477179.032	4209014.726	97.465
913	1.300	289.2016	100.8880	29.859	-0.283	29.844	477178.982	4209021.513	97.260
914	1.300	288.4400	100.7300	37.190	-0.293	37.172	477177.988	4209028.784	97.250
915	1.600	289.5150	100.1452	39.758	-0.258	39.742	477178.433	4209031.397	97.286

<b>Στάση: S13</b>	<b>X: 477186.757</b>	<b>Y: 4209034.826</b>	<b>H: 97.134</b>	<b>Ύψος Οργάνου: 1.433</b>
<b>Αφετηρία: S12</b>	<b>X: 477181.224</b>	<b>Y: 4208991.753</b>	<b>H: 97.544</b>	<b>Γωνία αφετηρίας: 0.0000</b>

Σημείο	Ύψος σκόπ.	Οριζ. Γωνία	Κατακόρ. Γωνία	Κεκλιμένη Απόσταση	Υψομετρ. Διαφορά	Οριζόντ. Απόστ.	Χ	Υ	Η
916	1.300	16.7046	99.4172	29.150	0.400	29.137	477175.675	4209007.879	97.533
917	1.300	31.5610	99.6020	29.209	0.316	29.196	477169.709	4209011.123	97.449
918	1.300	33.0324	99.5550	29.250	0.338	29.237	477169.142	4209011.491	97.471
919	1.300	34.6640	99.4192	28.863	0.396	28.850	477168.791	4209012.253	97.530
920	1.300	38.1496	99.2438	28.067	0.466	28.054	477168.112	4209013.865	97.600
921	1.300	41.1930	99.1604	27.089	0.490	27.076	477167.815	4209015.479	97.624
922	1.300	43.0592	99.1708	25.829	0.469	25.816	477168.163	4209016.916	97.603
923	1.300	54.8206	99.3890	17.999	0.306	17.991	477171.727	4209024.938	97.439
924	1.300	82.5204	99.5450	11.430	0.215	11.425	477175.455	4209033.155	97.348
925	1.300	83.9732	99.8076	11.452	0.168	11.447	477175.398	4209033.410	97.301
926	1.300	87.8450	100.7470	12.584	-0.015	12.578	477174.204	4209034.032	97.119
927	-99.000	85.2860	97.3084	12.940	9999.000	12.923	477173.903	4209033.493	9999.000
928	1.300	89.5258	101.2110	12.414	-0.103	12.407	477174.359	4209034.370	97.030
929	1.300	110.5212	101.5518	11.096	-0.137	11.088	477176.141	4209038.029	96.996
930	-99.000	116.2848	104.8076	11.024	9999.000	10.988	477176.567	4209038.938	9999.000
931	1.300	111.5506	100.1974	9.920	0.102	9.916	477177.311	4209037.843	97.236
932	1.300	115.0994	99.5488	9.229	0.198	9.225	477178.140	4209038.118	97.332
933	1.300	109.9900	99.6602	8.346	0.178	8.342	477178.750	4209037.169	97.311
934	1.300	114.5756	100.1914	7.104	0.112	7.101	477180.103	4209037.306	97.245
935	1.300	124.9178	100.7364	6.357	0.059	6.354	477181.240	4209037.979	97.193
936	1.300	136.4566	100.4088	6.889	0.089	6.886	477181.492	4209039.264	97.222
937	1.300	133.9792	99.5402	9.056	0.198	9.052	477179.614	4209040.387	97.332
938	1.300	158.7956	100.6838	7.963	0.047	7.959	477182.806	4209041.735	97.181
939	1.300	176.0832	100.9132	12.540	-0.047	12.534	477183.681	4209046.976	97.087
940	1.300	171.2790	100.9342	13.346	-0.063	13.339	477182.518	4209047.474	97.071
941	1.300	183.3694	100.8956	18.456	-0.127	18.447	477184.302	4209053.109	97.007
942	1.300	178.4546	100.6762	18.848	-0.067	18.839	477182.817	4209053.249	97.066
943	1.300	182.7596	100.6574	25.121	-0.126	25.109	477183.177	4209059.679	97.007
944	1.300	183.5026	100.6938	25.320	-0.143	25.308	477183.441	4209059.916	96.991
945	1.300	190.7666	100.7038	26.194	-0.157	26.182	477186.305	4209061.004	96.977
946	1.300	196.3904	100.7594	19.227	-0.096	19.218	477188.121	4209053.995	97.037
947	1.300	196.2924	101.1114	8.929	-0.023	8.924	477187.377	4209043.728	97.111
948	1.300	231.8688	101.1432	4.403	0.054	4.400	477189.344	4209038.386	97.187
949	1.300	245.6894	90.8294	5.477	0.919	5.418	477190.811	4209038.420	98.053
950	1.300	218.3106	99.8796	8.181	0.148	8.178	477190.057	4209042.308	97.282
951	1.300	219.6204	97.9650	8.201	0.395	8.193	477190.217	4209042.253	97.529
952	1.300	212.5152	100.6304	13.032	0.004	13.026	477190.908	4209047.173	97.137
953	1.300	213.5064	98.8214	12.949	0.373	12.941	477191.072	4209047.027	97.506
954	1.300	208.3804	100.6930	17.508	-0.058	17.500	477191.246	4209051.740	97.076
955	1.300	211.7624	100.2592	16.989	0.064	16.982	477191.978	4209050.985	97.197
956	1.300	212.5510	99.2018	17.059	0.347	17.051	477192.200	4209050.985	97.480
957	1.300	206.7672	98.9452	24.398	0.537	24.385	477192.412	4209058.546	97.671
958	1.300	203.9154	100.4980	24.113	-0.056	24.102	477191.291	4209058.498	97.078
959	1.300	200.1386	100.6198	24.597	-0.106	24.586	477189.943	4209059.205	97.027
960	1.300	195.6572	99.2060	31.763	0.529	31.748	477188.646	4209066.517	97.663



961	1.300	193.6810	100.3644	31.598	-0.048	31.585	477187.657	4209066.398	97.086
962	1.300	192.1334	100.5788	31.408	-0.152	31.394	477186.888	4209066.220	96.981

<b>Στάση: S14</b>	<b>Χ: 477189.187</b>	<b>Υ: 4209061.522</b>	<b>Η: 97.040</b>	<b>Ύψος Οργάνου: 1.435</b>
<b>Αφετηρία: S13</b>	<b>Χ: 477186.757</b>	<b>Υ: 4209034.826</b>	<b>Η: 97.134</b>	<b>Γωνία αφετηρίας: 0.0000</b>

Σημείο	Ύψος σκόπ.	Οριζ. Γωνία	Κατακόρ. Γωνία	Κεκλιμένη Απόσταση	Υψομετρ. Διαφορά	Οριζόντ. Απόστ.	Χ	Υ	Η
963	1.300	79.3132	101.7358	6.526	-0.043	6.521	477182.844	4209060.009	96.997
964	1.300	99.9270	100.8550	12.639	-0.035	12.633	477176.605	4209062.653	97.005
965	1.300	105.2060	100.8104	16.083	-0.070	16.075	477173.351	4209064.282	96.970
966	1.300	109.0226	100.6438	18.875	-0.056	18.866	477170.828	4209065.869	96.984
967	1.300	111.3326	100.3792	20.251	0.014	20.242	477169.671	4209066.898	97.054
968	1.300	116.9918	100.3514	22.565	0.010	22.555	477168.059	4209069.419	97.050
969	1.300	119.8488	100.0874	23.704	0.102	23.694	477167.387	4209070.805	97.142
970	1.300	125.6294	100.1110	25.657	0.090	25.646	477166.599	4209073.668	97.130
971	1.300	129.1496	100.1820	26.202	0.060	26.191	477166.840	4209075.182	97.100
972	1.300	138.9348	100.1430	27.958	0.072	27.946	477167.855	4209079.576	97.112
973	1.300	148.8042	100.2808	29.292	0.006	29.280	477170.026	4209083.661	97.045
974	1.300	149.1868	100.5536	28.898	-0.116	28.885	477170.416	4209083.476	96.923
975	1.300	152.4884	100.7988	27.520	-0.210	27.507	477172.419	4209083.327	96.829
976	1.300	148.6506	99.9376	29.822	0.164	29.810	477169.625	4209084.015	97.204
977	1.300	148.4930	100.0362	30.131	0.118	30.119	477169.366	4209084.199	97.157
978	1.300	151.2696	100.4676	30.257	-0.087	30.244	477170.295	4209085.140	96.952
979	1.300	154.3312	100.6238	30.498	-0.164	30.484	477171.312	4209086.215	96.876
980	1.300	155.8172	100.5756	30.885	-0.144	30.871	477171.673	4209086.944	96.895
981	1.300	159.3070	100.8160	30.334	-0.254	30.319	477173.380	4209087.395	96.786
982	1.300	158.4026	100.1810	32.301	0.043	32.288	477171.964	4209088.833	97.083
983	1.300	157.9928	100.0120	32.282	0.129	32.269	477171.799	4209088.705	97.168
984	1.300	139.1358	100.8466	22.104	-0.159	22.093	477172.368	4209075.848	96.881
985	1.300	127.8718	100.9164	16.349	-0.100	16.341	477175.077	4209069.763	96.939
986	1.300	111.4804	101.2068	9.884	-0.052	9.878	477179.670	4209064.167	96.987
987	1.300	137.7700	101.3314	11.118	-0.097	11.111	477180.576	4209068.544	96.942
988	1.300	144.8924	100.9190	19.796	-0.151	19.786	477175.345	4209075.659	96.889
989	1.300	156.7428	100.8184	26.040	-0.200	26.027	477174.734	4209083.168	96.840
990	1.300	158.9432	101.2872	11.659	-0.101	11.652	477183.056	4209071.430	96.939
991	1.300	164.7492	100.6576	12.754	0.003	12.748	477183.494	4209072.928	97.043
992	1.300	159.0950	100.9372	18.085	-0.131	18.076	477179.712	4209076.915	96.908
993	1.300	163.6198	99.9006	17.298	0.162	17.291	477181.192	4209076.853	97.202
994	1.300	164.7186	100.9368	23.279	-0.208	23.267	477178.786	4209082.335	96.832
995	1.300	168.2634	100.6612	22.404	-0.098	22.394	477180.307	4209082.080	96.942

<b>Στάση: S15</b>	<b>Χ: 477172.895</b>	<b>Υ: 4209085.794</b>	<b>Η: 96.830</b>	<b>Ύψος Οργάνου: 1.642</b>
<b>Αφετηρία: S14</b>	<b>Χ: 477189.187</b>	<b>Υ: 4209061.522</b>	<b>Η: 97.040</b>	<b>Γωνία αφετηρίας: 0.0000</b>

Σημείο	Ύψος σκόπ.	Οριζ. Γωνία	Κατακόρ. Γωνία	Κεκλιμένη Απόσταση	Υψομετρ. Διαφορά	Οριζόντ. Απόστ.	X	Y	H
996	1.295	317.6364	103.1622	7.513	-0.026	7.501	477180.029	4209088.112	96.803
997	1.295	315.9184	100.7598	8.566	0.245	8.562	477180.964	4209088.658	97.074
998	1.295	305.8538	102.0060	9.914	0.035	9.905	477181.591	4209090.536	96.864
999	1.295	299.2074	101.8636	11.607	0.007	11.597	477182.443	4209092.377	96.837
1000	1.295	299.3536	101.3900	15.079	0.018	15.069	477185.321	4209094.319	96.847
1001	1.295	291.1130	101.5076	15.266	-0.014	15.255	477184.255	4209095.976	96.815
1002	1.295	287.9748	101.6808	15.754	-0.069	15.742	477184.086	4209096.866	96.761
1003	1.295	288.3876	101.4238	17.122	-0.036	17.111	477185.136	4209097.749	96.794
1004	1.295	286.3760	101.0464	18.914	0.036	18.904	477185.995	4209099.422	96.866
1005	1.295	283.5924	100.9536	23.004	0.002	22.992	477188.089	4209103.050	96.832
1006	1.295	287.5288	100.7086	23.937	0.081	23.926	477189.785	4209102.740	96.910
1007	1.295	282.3362	100.9258	24.805	-0.014	24.792	477188.908	4209104.721	96.816
1008	1.295	280.8104	101.0608	24.848	-0.067	24.834	477188.476	4209105.132	96.763
1009	1.295	281.2324	100.8170	26.729	0.004	26.716	477189.794	4209106.486	96.834
1010	1.295	280.4022	100.6992	28.641	0.032	28.628	477190.713	4209108.201	96.862
1011	1.295	279.6768	100.7420	30.685	-0.011	30.670	477191.709	4209110.016	96.819
1012	1.295	284.4864	100.4736	31.378	0.114	31.364	477193.950	4209109.041	96.943
1013	1.295	277.5256	100.8840	31.503	-0.090	31.487	477191.359	4209111.299	96.739
1014	1.295	278.8772	100.6746	36.178	-0.036	36.161	477194.717	4209114.628	96.793
1015	1.295	277.5240	100.2768	41.975	0.165	41.957	477197.498	4209119.781	96.994
1016	1.295	275.8094	100.4750	42.417	0.031	42.398	477196.823	4209120.795	96.860
1017	1.295	276.4884	100.3578	47.648	0.079	47.628	477200.192	4209124.823	96.909
1018	1.295	273.2510	100.2714	50.542	0.132	50.521	477199.708	4209128.612	96.961
1019	1.295	269.5246	100.0184	51.108	0.332	51.087	477197.429	4209130.604	97.162
1020	2.150	268.4656	98.9920	46.828	0.234	46.803	477194.686	4209127.215	97.063
1021	2.150	267.4514	98.8856	42.850	0.242	42.826	477192.228	4209124.008	97.072
1022	1.295	266.4224	100.5276	39.386	0.021	39.369	477190.097	4209121.205	96.850
1023	1.295	266.2184	100.0396	39.231	0.323	39.215	477189.917	4209121.122	97.152
1024	1.295	271.9070	100.5752	39.005	-0.005	38.987	477192.885	4209119.267	96.824
1025	1.295	266.7494	101.0046	37.639	-0.247	37.619	477189.506	4209119.547	96.583
1026	1.295	267.5234	101.0902	36.626	-0.280	36.606	477189.457	4209118.439	96.549
1027	1.295	266.5616	101.1008	36.682	-0.287	36.662	477188.986	4209118.735	96.542
1028	1.295	266.3456	101.1150	35.796	-0.280	35.776	477188.489	4209117.993	96.550
1029	1.295	266.0426	101.1828	34.908	-0.301	34.888	477187.952	4209117.265	96.528
1030	1.295	266.8568	101.1874	33.874	-0.285	33.854	477187.895	4209116.144	96.545
1031	1.295	264.7840	100.9010	33.446	-0.126	33.429	477186.723	4209116.229	96.703
1032	1.295	267.1886	101.0244	33.184	-0.187	33.166	477187.745	4209115.450	96.643
1033	1.295	272.0610	100.9498	32.869	-0.143	32.852	477189.807	4209113.958	96.686
1034	1.295	274.6904	100.7482	34.670	-0.060	34.653	477191.946	4209114.741	96.769
1035	1.295	263.6998	99.9614	31.003	0.366	30.990	477185.232	4209114.223	97.195
1036	1.295	263.9448	100.7540	31.101	-0.021	31.086	477185.380	4209114.263	96.808
1037	1.295	266.5612	101.0938	29.973	-0.168	29.956	477186.043	4209112.711	96.662
1038	1.295	264.2544	101.1820	26.278	-0.141	26.263	477183.560	4209109.794	96.689
1039	1.295	261.6418	99.9234	21.867	0.373	21.858	477180.944	4209106.116	97.203

1040	1.295	262.1344	101.1518	22.242	-0.055	22.229	477181.240	4209106.397	96.774
1041	1.295	265.3292	101.3334	22.877	-0.132	22.863	477182.530	4209106.527	96.697
1042	1.295	273.2476	101.2010	22.087	-0.070	22.074	477184.610	4209104.503	96.760
1043	1.295	277.4382	102.0892	11.555	-0.032	11.544	477179.652	4209095.154	96.797
1044	1.295	263.0014	102.2884	12.299	-0.095	12.286	477177.662	4209097.117	96.735
1045	1.295	256.4920	101.5824	12.022	0.048	12.013	477176.402	4209097.284	96.878
1046	1.295	255.4434	99.9334	11.665	0.359	11.660	477176.115	4209097.001	97.189
1047	1.295	251.1770	102.4202	7.116	0.077	7.108	477174.396	4209092.742	96.906
1048	1.295	300.0318	105.2972	4.321	-0.012	4.304	477176.470	4209088.191	96.817

<b>Στάση: S16</b>	<b>Χ: 477189.972</b>	<b>Υ: 4209117.994</b>	<b>Η: 96.673</b>	<b>Ύψος Οργάνου: 1.622</b>
<b>Αφετηρία: S15</b>	<b>Χ: 477172.895</b>	<b>Υ: 4209085.794</b>	<b>Η: 96.830</b>	<b>Γωνία αφετηρίας: 0.0000</b>

Σημείο	Ύψος σκόπ.	Οριζ. Γωνία	Κατακόρ. Γωνία	Κεκλιμένη Απόσταση	Υψομετρ. Διαφορά	Οριζόντ. Απόστ.	Χ	Υ	Η
1049	2.150	32.5468	107.2914	2.379	-0.800	2.362	477187.986	4209116.715	95.873
1050	2.150	49.9942	111.8652	1.543	-0.814	1.516	477188.523	4209117.549	95.859
1051	2.150	89.7484	120.2684	1.098	-0.872	1.042	477188.985	4209118.328	95.801
1052	1.295	206.2386	93.2904	16.416	2.054	16.318	477198.991	4209131.593	98.726
1053	-99.000	201.9994	86.8874	17.198	9999.000	16.828	477198.319	4209132.605	9999.000
1054	1.295	208.9376	97.4864	17.797	1.030	17.776	477200.416	4209132.378	97.702
1055	1.295	210.4198	98.2864	19.005	0.839	18.990	477201.484	4209133.097	97.511
1056	1.295	212.1452	99.7566	18.766	0.399	18.758	477201.744	4209132.599	97.071
1057	1.295	210.7978	99.3204	19.300	0.533	19.291	477201.757	4209133.266	97.206
1058	1.300	206.8622	99.5020	23.352	0.505	23.342	477203.063	4209137.319	97.177
1059	1.700	207.1138	98.3900	25.622	0.570	25.603	477204.415	4209139.134	97.242
1060	1.295	214.0162	99.6224	25.199	0.477	25.188	477206.348	4209137.132	97.149
1061	1.295	214.7598	99.7868	24.936	0.411	24.926	477206.398	4209136.742	97.083
1062	1.295	221.8514	100.0756	23.896	0.299	23.886	477207.612	4209134.099	96.971
1063	1.295	228.1242	99.9858	23.344	0.332	23.334	477208.669	4209131.955	97.005
1064	1.295	228.7826	100.2784	16.230	0.256	16.223	477203.071	4209127.566	96.929
1065	-99.000	190.7230	86.7656	13.631	9999.000	13.332	477194.442	4209130.554	9999.000
1066	-99.000	172.8798	77.8646	18.321	9999.000	17.218	477191.032	4209135.179	9999.000

<b>Στάση: S16A</b>	<b>Χ: 477176.321</b>	<b>Υ: 4209128.288</b>	<b>Η: 96.059</b>	<b>Ύψος Οργάνου: 1.628</b>
<b>Αφετηρία: S16</b>	<b>Χ: 477189.972</b>	<b>Υ: 4209117.994</b>	<b>Η: 96.673</b>	<b>Γωνία αφετηρίας: 0.0000</b>

Σημείο	Ύψος σκόπ.	Οριζ. Γωνία	Κατακόρ. Γωνία	Κεκλιμένη Απόσταση	Υψομετρ. Διαφορά	Οριζόντ. Απόστ.	Χ	Υ	Η
1067	1.295	27.1842	101.8636	8.436	0.086	8.429	477180.345	4209120.882	96.145
1068	1.295	16.0110	102.0622	9.002	0.041	8.994	477181.928	4209121.256	96.100
1069	1.295	11.7554	101.3626	11.913	0.078	11.905	477184.349	4209119.497	96.137
1070	1.295	9.6732	100.8972	13.970	0.136	13.963	477186.069	4209118.291	96.195
1071	1.295	8.5188	98.1554	15.180	0.773	15.167	477187.105	4209117.622	96.832
1072	1.295	395.8878	98.1210	14.965	0.775	14.952	477188.816	4209120.075	96.834

1073	3.150	390.7708	93.3802	15.071	0.042	14.983	477189.462	4209121.090	96.101
1074	1.350	393.0252	101.0616	13.614	0.051	13.607	477188.016	4209121.333	96.110
1075	1.295	394.6482	101.6634	12.958	-0.006	12.948	477187.277	4209121.388	96.053
1076	1.295	395.7748	101.5252	11.305	0.062	11.297	477185.772	4209122.099	96.121
1077	1.295	382.8418	101.5340	10.000	0.092	9.993	477185.614	4209124.613	96.151
1078	1.295	381.5716	101.7506	9.650	0.068	9.642	477185.357	4209124.922	96.127
1079	1.295	8.9716	101.8380	9.747	0.052	9.739	477183.196	4209121.390	96.111
1080	1.295	47.9348	101.2410	11.034	0.118	11.027	477178.205	4209117.423	96.177
1081	1.295	47.9218	100.9804	12.754	0.137	12.747	477178.502	4209115.729	96.196
1082	0.100	31.7400	105.2378	16.302	0.188	16.240	477183.034	4209113.500	96.247
1083	1.295	375.5324	102.1242	7.520	0.082	7.513	477183.578	4209126.344	96.141
1084	1.295	330.2496	101.7424	6.554	0.154	6.549	477182.219	4209131.134	96.213
1085	1.295	331.1562	102.6394	5.448	0.107	5.441	477181.255	4209130.582	96.166
1086	1.295	325.0778	104.6168	4.115	0.035	4.103	477179.859	4209130.365	96.094
1087	1.295	297.9982	104.3504	4.334	0.037	4.322	477178.814	4209131.819	96.096
1088	1.295	264.8494	110.5902	1.758	0.042	1.733	477176.484	4209130.013	96.101
1089	1.295	160.6604	109.2004	2.836	-0.075	2.805	477173.517	4209128.367	95.984
1090	1.295	131.0704	108.6018	2.800	-0.044	2.773	477173.808	4209127.115	96.015
1091	1.295	120.4382	104.4194	4.635	0.011	4.622	477172.516	4209125.664	96.070
1092	1.295	134.4742	104.5120	4.821	-0.008	4.807	477171.863	4209126.491	96.051
1093	1.295	269.1012	102.6140	6.858	0.051	6.849	477177.417	4209135.049	96.110
1094	1.295	244.4024	101.9754	9.743	0.031	9.734	477174.128	4209137.772	96.090
1095	1.295	242.0884	101.9796	9.538	0.036	9.529	477173.838	4209137.488	96.095
1096	0.500	248.0482	104.7514	14.754	0.028	14.707	477173.834	4209142.783	96.087
1097	1.295	245.5716	101.5274	13.237	0.015	13.228	477173.578	4209141.228	96.074
1098	1.295	240.0712	101.2894	14.082	0.048	14.073	477172.226	4209141.752	96.107
1099	1.295	240.6166	101.2574	18.034	-0.023	18.023	477171.225	4209145.576	96.036
1100	1.295	235.0082	101.2844	17.705	-0.024	17.694	477169.844	4209144.754	96.035
1101	1.295	228.6278	101.2646	17.581	-0.016	17.570	477168.285	4209143.913	96.043
1102	1.295	227.3472	101.2812	18.721	-0.044	18.710	477167.431	4209144.751	96.015
1103	1.295	224.5420	101.1842	17.884	0.000	17.874	477167.144	4209143.626	96.059
1104	1.295	229.8024	100.9792	21.327	0.005	21.316	477166.924	4209147.421	96.064
1105	0.500	233.3594	104.0218	21.107	-0.205	21.056	477168.108	4209147.677	95.854
1106	0.100	229.5890	104.0086	23.522	0.048	23.466	477165.905	4209149.316	96.107
1107	1.295	225.9308	101.5042	24.793	-0.253	24.776	477164.067	4209149.821	95.806
1108	1.295	222.9854	101.0828	22.975	-0.058	22.962	477164.053	4209147.698	96.001
1109	1.295	213.9242	101.0728	24.446	-0.079	24.433	477160.470	4209146.881	95.980
1110	1.295	215.5370	100.8542	25.599	-0.010	25.586	477160.220	4209148.173	96.049
1111	1.295	212.7610	101.1456	22.934	-0.080	22.921	477161.134	4209145.456	95.979
1112	1.295	208.4692	101.1946	23.723	-0.112	23.709	477159.452	4209144.948	95.947
1113	1.295	204.1996	101.2682	21.254	-0.090	21.241	477160.241	4209142.167	95.969
1114	1.295	202.8634	101.1528	26.174	-0.141	26.159	477156.164	4209144.961	95.918
1115	1.295	188.1908	101.2940	26.032	-0.196	26.016	477153.016	4209139.852	95.863
1116	1.295	185.0158	101.1404	30.436	-0.212	30.419	477148.432	4209140.434	95.847
1117	1.295	181.9106	101.3748	19.816	-0.095	19.803	477157.801	4209135.301	95.964
1118	1.295	179.8710	101.3778	19.203	-0.083	19.191	477158.165	4209134.505	95.976
1119	1.295	185.9802	101.6706	18.704	-0.158	18.690	477159.301	4209136.009	95.901

1120	1.295	188.4816	101.7288	16.730	-0.121	16.717	477161.380	4209135.787	95.938
1121	0.070	192.9762	105.3034	20.432	-0.142	20.353	477158.820	4209138.678	95.917
1122	1.295	206.9490	101.4998	17.251	-0.073	17.239	477163.769	4209140.105	95.986
1123	1.295	214.1294	102.2668	9.710	-0.013	9.700	477170.052	4209135.690	96.046
1124	1.295	180.2994	102.5160	10.910	-0.098	10.897	477166.036	4209131.888	95.961
1125	1.295	169.4586	102.0730	11.277	-0.034	11.266	477165.210	4209130.154	96.025
1126	1.295	188.1886	101.2066	30.308	-0.241	30.290	477149.187	4209141.751	95.818
1127	1.295	188.2214	101.1704	30.667	-0.231	30.649	477148.873	4209141.925	95.828
1128	1.295	188.1232	101.2042	31.420	-0.261	31.402	477148.177	4209142.216	95.798
1129	0.100	189.8790	103.4640	32.001	-0.212	31.941	477148.096	4209143.239	95.847
1130	0.150	191.0346	103.2562	33.000	-0.209	32.943	477147.494	4209144.234	95.850
1131	0.150	21.9778	110.2534	9.273	-0.009	9.149	477181.331	4209120.632	96.050
1132	0.150	217.3806	131.4554	3.142	-0.012	2.765	477174.644	4209130.486	96.047
1133	0.150	175.7504	119.5114	5.388	-0.148	5.135	477171.366	4209129.634	95.911
1134	0.150	180.9038	113.0122	7.679	-0.081	7.516	477169.251	4209130.838	95.978
1135	0.150	189.1436	105.6974	17.729	-0.107	17.651	477160.629	4209136.369	95.952
1136	0.150	182.0718	104.8400	20.381	-0.070	20.314	477157.342	4209135.529	95.989
1137	0.150	221.2706	106.4206	15.019	-0.034	14.937	477168.004	4209140.695	96.025
1138	0.150	217.6136	105.4442	17.394	-0.008	17.323	477165.865	4209142.100	96.051
1139	-99.000	197.2920	98.0744	23.313	9999.000	23.293	477157.144	4209141.509	9999.000
1140	-99.000	194.6846	94.9576	25.582	9999.000	25.491	477154.759	4209141.885	9999.000
1141	0.150	226.7094	104.3308	21.865	-0.008	21.806	477165.769	4209147.370	96.051
1142	-99.000	381.5218	100.6422	10.693	9999.000	10.688	477186.339	4209124.564	9999.000
1143	-99.000	366.1146	105.1360	8.112	9999.000	8.082	477184.351	4209127.370	9999.000
1144	0.150	361.4358	111.0086	7.566	0.176	7.450	477183.765	4209127.988	96.235
1145	0.150	354.0568	111.2790	6.966	0.250	6.854	477183.156	4209128.805	96.309
1146	-99.000	347.6758	103.9134	6.441	9999.000	6.426	477182.648	4209129.412	9999.000
1147	-99.000	336.8138	96.3644	6.143	9999.000	6.130	477182.087	4209130.369	9999.000
1148	-99.000	326.5966	96.3788	5.900	9999.000	5.888	477181.469	4209131.147	9999.000
1149	-99.000	280.4586	105.5624	7.178	9999.000	7.148	477178.699	4209135.029	9999.000
1150	-99.000	243.7570	103.7564	14.893	9999.000	14.861	477172.827	4209142.732	9999.000
1151	-99.000	238.7814	101.2092	17.110	9999.000	17.100	477171.015	4209144.544	9999.000
1152	-99.000	234.1840	101.2108	19.172	9999.000	19.161	477169.077	4209146.026	9999.000
1153	-99.000	214.3130	100.8206	25.195	9999.000	25.183	477160.101	4209147.551	9999.000
1154	-99.000	212.4044	100.9406	25.632	9999.000	25.619	477159.240	4209147.381	9999.000
1155	-99.000	210.7558	100.9400	26.002	9999.000	25.989	477158.497	4209147.202	9999.000

<b>Στάση: S17A</b>	<b>Χ: 477148.161</b>	<b>Υ: 4209181.941</b>	<b>Η: 88.993</b>	<b>Ύψος Οργάνου: 1.435</b>
<b>Αφετηρία: S17</b>	<b>Χ: 477139.217</b>	<b>Υ: 4209200.494</b>	<b>Η: 89.722</b>	<b>Γωνία αφετηρίας: 0.0000</b>

Σημείο	Ύψος σκόπ.	Οριζ. Γωνία	Κατακόρ. Γωνία	Κεκλιμένη Απόσταση	Υψομετρ. Διαφορά	Οριζόντ. Απόστ.	Χ	Υ	Η
1156	0.100	147.0004	105.6502	19.970	-0.435	19.883	477167.219	4209176.273	88.558
1157	0.100	168.1192	107.5500	15.926	-0.549	15.808	477161.019	4209172.746	88.444
1158	0.100	207.9424	109.9792	13.268	-0.736	13.100	477152.337	4209169.525	88.257
1159	0.100	249.3212	109.6106	15.186	-0.949	15.007	477143.362	4209167.722	88.044

1160	0.100	149.1932	119.6302	19.180	-4.486	18.268	477165.481	4209176.134	84.507
1161	0.100	170.2434	124.5082	15.796	-4.597	14.634	477159.774	4209173.036	84.396
1162	0.100	207.3202	128.8768	13.643	-4.643	12.258	477152.182	4209170.361	84.350
1163	0.100	245.1110	126.1848	14.992	-4.659	13.736	477144.638	4209168.665	84.334
1164	0.100	266.4978	121.5000	18.128	-4.671	17.097	477138.573	4209167.785	84.322
1165	0.100	282.4450	116.9064	22.174	-4.485	21.388	477132.152	4209167.759	84.508
1166	0.100	295.5506	113.5480	28.165	-4.614	27.518	477124.268	4209168.289	84.379
1167	0.010	147.5976	125.5500	12.691	-3.533	11.678	477159.323	4209178.507	85.460
1168	0.010	176.4180	133.0510	9.847	-3.461	8.546	477154.407	4209176.108	85.532
1169	0.010	237.0364	137.0196	9.131	-3.590	7.627	477147.153	4209174.381	85.403
1170	0.010	270.0986	127.8596	11.958	-3.643	10.827	477141.592	4209173.334	85.350
1171	0.010	291.9832	117.9630	18.729	-3.790	17.981	477133.073	4209172.160	85.203
1172	0.010	292.8828	121.1372	18.706	-4.672	17.677	477133.193	4209172.536	84.321
1173	0.010	284.2310	125.8762	15.160	-4.569	13.919	477137.487	4209173.007	84.424
1174	0.010	239.9086	142.0790	9.305	-4.287	7.342	477146.863	4209174.714	84.706
1175	0.010	190.8566	140.3204	9.322	-4.092	7.511	477152.357	4209175.712	84.901
1176	0.010	157.6616	132.2406	11.204	-4.010	9.794	477156.952	4209177.624	84.983
1177	0.010	129.1904	120.7550	16.827	-3.964	15.934	477164.094	4209181.793	85.029
1178	0.010	142.5594	99.7236	24.719	1.532	24.709	477172.278	4209176.565	90.525
1179	0.010	178.9096	99.7630	18.917	1.495	18.909	477161.466	4209168.505	90.488
1180	0.010	213.2422	102.4418	17.509	0.754	17.489	477152.339	4209164.958	89.747
1181	0.010	256.7164	103.6384	20.173	0.273	20.132	477139.555	4209163.741	89.266
1182	0.010	249.6138	90.7138	38.367	7.002	37.944	477135.861	4209146.046	95.995

<b>Στάση: S17</b>	<b>Χ: 477139.217</b>	<b>Υ: 4209200.494</b>	<b>Η: 89.722</b>	<b>Ύψος Οργάνου: 1.415</b>
<b>Αφετηρία: S18</b>	<b>Χ: 477120.697</b>	<b>Υ: 4209211.774</b>	<b>Η: 90.209</b>	<b>Γωνία αφετηρίας: 0.0000</b>

Σημείο	Ύψος σκόπ.	Οριζ. Γωνία	Κατακόρ. Γωνία	Κεκλιμένη Απόσταση	Υψομετρ. Διαφορά	Οριζόντ. Απόστ.	Χ	Υ	Η
1183	1.300	189.1252	101.7356	28.071	-0.650	28.049	477165.304	4209190.188	89.072
1184	1.300	207.0450	102.3890	24.993	-0.823	24.965	477158.974	4209185.232	88.899
1185	1.300	230.3230	103.2286	22.175	-1.009	22.137	477150.739	4209181.592	88.713
1186	1.300	252.7326	103.7790	21.300	-1.149	21.254	477143.344	4209179.645	88.573
1187	2.150	273.5810	101.8976	22.184	-1.396	22.165	477136.298	4209178.522	88.326
1188	1.300	295.7774	104.3830	24.097	-1.543	24.030	477128.105	4209179.188	88.179
1189	1.300	301.7150	101.2600	16.944	-0.220	16.934	477130.022	4209186.274	89.502
1190	1.300	269.5818	101.8926	15.145	-0.335	15.132	477138.170	4209185.398	89.387
1191	0.100	250.4230	107.1426	15.332	-0.402	15.229	477142.714	4209185.672	89.320
1192	0.100	225.3114	106.6374	16.321	-0.384	16.226	477148.726	4209187.346	89.338
1193	0.100	205.5752	106.1828	17.577	-0.389	17.487	477153.299	4209190.126	89.333
1194	0.100	186.7302	105.5194	18.390	-0.277	18.313	477156.490	4209194.411	89.445

**ΠΑΡΑΡΤΗΜΑ Α - ΕΠΙΛΥΣΗ ΕΞΑΡΤΗΣΗΣ**



Project file data		Coordinate System	
Name:	D:\Projects \012_FOYKA_EDAFOMHXANIKH_D.ATHI NAS\05_CALC\STATIC.vce	Name:	Greece/TM87
Size:	59 KB	Datum:	HEPOS_GGRS87
Modified:	15/6/2021 4:16:03 μμ (UTC:3)	Zone:	HEPOS_GGRS87/TM87
Time zone:	GTB Standard Time	Geoid:	EGM96 (Global)
Reference number:		Vertical datum:	
Description:		Calibrated site:	
Comment 1:			
Comment 2:			
Comment 3:			

## Baseline Processing Report

### Processing Summary

Observation	From	To	Solution Type	H. Prec. (Meter)	V. Prec. (Meter)	Geodetic Az.	Ellipsoid Dist. (Meter)	ΔHeight (Meter)
<a href="#">lga0614i_O2KM --- T2 (B1)</a>	<a href="#">lga0614i_O2K M</a>	T2	Fixed	0.035	0.042	20°50'46"	11104.699	76.597
<a href="#">lga0614i_O2KM --- T1 (B2)</a>	<a href="#">lga0614i_O2K M</a>	T1	Fixed	0.036	0.040	21°01'38"	11102.134	78.000
<a href="#">lga0614i_O2KM --- S7C (B3)</a>	<a href="#">lga0614i_O2K M</a>	S7C	Fixed	0.027	0.055	20°22'51"	11505.072	75.903
<a href="#">lga0614i_O2KM --- S7B (B4)</a>	<a href="#">lga0614i_O2K M</a>	S7B	Fixed	0.040	0.056	20°19'37"	11482.409	75.667
<a href="#">lga0614i_O2KM --- T4 (B5)</a>	<a href="#">lga0614i_O2K M</a>	T4	Fixed	0.021	0.041	19°31'00"	11485.325	67.940
<a href="#">lga0614i_O2KM --- T3 (B6)</a>	<a href="#">lga0614i_O2K M</a>	T3	Fixed	0.029	0.037	19°21'33"	11500.588	66.698

### Acceptance Summary

Processed	Passed	Flag	Fail
6	6	0 	0 



Iga0614i\_O2KM - T2 (10:51:12 πμ-11:10:57 πμ) (S1)

Baseline observation: Iga0614i\_O2KM --- T2 (B1)  
 Processed: 15/6/2021 4:13:14 μμ  
 Solution type: Fixed  
 Frequency used: Dual Frequency (L1, L2)  
 Horizontal precision: 0.035 m  
 Vertical precision: 0.042 m  
 RMS: 0.015 m  
 Maximum PDOP: 5.977  
 Ephemeris used: Broadcast  
 Antenna model: NGS Relative  
 Processing start time: 14/6/2021 10:51:12 πμ (Local: UTC+3hr)  
 Processing stop time: 14/6/2021 11:10:57 πμ (Local: UTC+3hr)  
 Processing duration: 00:19:45  
 Processing interval: 15 seconds  
 Processing mode: Uncombined Mode

Vector Components (Mark to Mark)

From: Iga0614i_O2KM					
Grid		Local		Global	
Easting	473363.758 m	Latitude	N37°55'54.86883"	Latitude	N37°56'04.21215"
Northing	4198303.892 m	Longitude	E23°41'48.81675"	Longitude	E23°41'54.90768"
Elevation	30.346 m	Height	40.665 m	Height	68.645 m

To: T2					
Grid		Local		Global	
Easting	477347.664 m	Latitude	N38°01'31.42664"	Latitude	N38°01'40.76582"
Northing	4208664.734 m	Longitude	E23°44'30.84114"	Longitude	E23°44'36.94526"
Elevation	107.107 m	Height	117.262 m	Height	145.804 m

Vector					
ΔEasting	3983.906 m	NS Fwd Azimuth	20°50'46"	ΔX	-7381.583 m
ΔNorthing	10360.842 m	Ellipsoid Dist.	11104.699 m	ΔY	1075.843 m
ΔElevation	76.761 m	ΔHeight	76.597 m	ΔZ	8226.670 m

### Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.009 m	$\sigma$ NS fwd Azimuth	0°00'00"	$\sigma \Delta$ X	0.019 m
$\sigma \Delta$ Northing	0.014 m	$\sigma$ Ellipsoid Dist.	0.012 m	$\sigma \Delta$ Y	0.015 m
$\sigma \Delta$ Elevation	0.021 m	$\sigma \Delta$ Height	0.021 m	$\sigma \Delta$ Z	0.011 m



### Aposteriori Covariance Matrix (Meter<sup>2</sup>)

	X	Y	Z
X	0.0003794653		
Y	0.0002392009	0.0002263466	
Z	0.0000623732	0.0000738521	0.0001199128

### Occupations

	From	To
Point ID:	<a href="#">lga0614i_O2KM</a>	<a href="#">T2</a>
Data file:	D:\Projects \012_FOYKA_EDAFOMHXANIKH_D.ATHI NAS\05_CALC\STATIC\lga0165f.210	D:\Projects \012_FOYKA_EDAFOMHXANIKH_D.ATHI NAS\05_CALC\STATIC\03441650.t02
Receiver type:	NET-G5	R4
Receiver serial number:	W069TJHO2KM	5004412958
Antenna type:	Unknown External	R4 Internal
Antenna serial number:	-Unknown-	-----
Antenna height (measured):	0.000 m	2.295 m
Antenna method:	Antenna Phase Center	Bottom of antenna mount

### Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.050 m + 1.000 ppm	0.100 m + 1.000 ppm
Vertical Precision >	0.100 m + 1.000 ppm	0.200 m + 1.000 ppm

### lga0614i\_O2KM - T1 (10:28:12 πμ-10:49:12 πμ) (S2)

---

**Baseline observation:** [lga0614i\\_O2KM --- T1 \(B2\)](#)  
**Processed:** 15/6/2021 4:13:14 μμ  
**Solution type:** Fixed  
**Frequency used:** Dual Frequency (L1, L2)  
**Horizontal precision:** 0.036 m  
**Vertical precision:** 0.040 m  
**RMS:** 0.023 m  
**Maximum PDOP:** 4.636  
**Ephemeris used:** Broadcast  
**Antenna model:** NGS Relative  
**Processing start time:** 14/6/2021 10:28:12 πμ (Local: UTC+3hr)  
**Processing stop time:** 14/6/2021 10:49:12 πμ (Local: UTC+3hr)  
**Processing duration:** 00:21:00  
**Processing interval:** 30 seconds  
**Processing mode:** Uncombined Mode

### Vector Components (Mark to Mark)

From:		lga0614i_O2KM			
Grid		Local		Global	
Easting	473363.758 m	Latitude	N37°55'54.86883"	Latitude	N37°56'04.21215"
Northing	4198303.892 m	Longitude	E23°41'48.81675"	Longitude	E23°41'54.90768"
Elevation	30.346 m	Height	40.665 m	Height	68.645 m

To:		T1			
Grid		Local		Global	
Easting	477379.485 m	Latitude	N38°01'30.94146"	Latitude	N38°01'40.28062"
Northing	4208649.692 m	Longitude	E23°44'32.14805"	Longitude	E23°44'38.25219"
Elevation	108.510 m	Height	118.665 m	Height	147.208 m

Vector					
$\Delta$ Easting	4015.727 m	NS Fwd Azimuth	21°01'38"	$\Delta$ X	-7384.969 m
$\Delta$ Northing	10345.800 m	Ellipsoid Dist.	11102.134 m	$\Delta$ Y	1109.176 m
$\Delta$ Elevation	78.164 m	$\Delta$ Height	78.000 m	$\Delta$ Z	8215.751 m

### Standard Errors

Vector errors:					
$\sigma$ $\Delta$ Easting	0.007 m	$\sigma$ NS fwd Azimuth	0°00'00"	$\sigma$ $\Delta$ X	0.016 m
$\sigma$ $\Delta$ Northing	0.015 m	$\sigma$ Ellipsoid Dist.	0.013 m	$\sigma$ $\Delta$ Y	0.012 m
$\sigma$ $\Delta$ Elevation	0.021 m	$\sigma$ $\Delta$ Height	0.021 m	$\sigma$ $\Delta$ Z	0.017 m

### Aposteriori Covariance Matrix (Meter<sup>2</sup>)

	X	Y	Z
X	0.0002665768		
Y	0.0001539670	0.0001490519	
Z	0.0000864615	0.0000467011	0.0002756504

## Occupations



	From	To
Point ID:	<a href="#">lga0614i_O2KM</a>	T1
Data file:	D:\Projects \012_FOYKA_EDAFOMHXANIKH_D.ATHI NAS\05_CALC\STATIC\lga0165f.21O	D:\Projects \012_FOYKA_EDAFOMHXANIKH_D.ATHI NAS\05_CALC\STATIC\03441650.t02
Receiver type:	NET-G5	R4
Receiver serial number:	W069TJHO2KM	5004412958
Antenna type:	Unknown External	R4 Internal
Antenna serial number:	-Unknown-	-----
Antenna height (measured):	0.000 m	2.295 m
Antenna method:	Antenna Phase Center	Bottom of antenna mount

---

**Processing style**

**Elevation mask:** 10°00'00.0"  
**Auto start processing:** Yes  
**Start automatic ID numbering:** AUTO0001  
**Continuous vectors:** No  
**Antenna model:** Automatic  
**Ephemeris type:** Automatic  
**Frequency:** Multiple Frequencies  
**Processing Interval:** Automatic  
**Force float:** No  
**GIS processing type:** Automatic Carrier and Code Processing

**Acceptance Criteria**

<b>Vector Component</b>	<b>Flag</b> 	<b>Fail</b> 
Horizontal Precision >	0.050 m + 1.000 ppm	0.100 m + 1.000 ppm
Vertical Precision >	0.100 m + 1.000 ppm	0.200 m + 1.000 ppm

Iga0614i\_O2KM - S7C (9:52:12 πμ-10:07:57 πμ) (S3)

Baseline observation:	<a href="#">Iga0614i_O2KM --- S7C (B3)</a>
Processed:	15/6/2021 4:13:14 μμ
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.027 m
Vertical precision:	0.055 m
RMS:	0.013 m
Maximum PDOP:	3.307
Ephemeris used:	Broadcast
Antenna model:	NGS Relative
Processing start time:	14/6/2021 9:52:12 πμ (Local: UTC+3hr)
Processing stop time:	14/6/2021 10:07:57 πμ (Local: UTC+3hr)
Processing duration:	00:15:45
Processing interval:	15 seconds
Processing mode:	Uncombined Mode

Vector Components (Mark to Mark)

From:		<a href="#">Iga0614i_O2KM</a>			
Grid		Local		Global	
Easting	473363.758 m	Latitude	N37°55'54.86883"	Latitude	N37°56'04.21215"
Northing	4198303.892 m	Longitude	E23°41'48.81675"	Longitude	E23°41'54.90768"
Elevation	30.346 m	Height	40.665 m	Height	68.645 m

To:		<a href="#">S7C</a>			
Grid		Local		Global	
Easting	477404.001 m	Latitude	N38°01'44.62792"	Latitude	N38°01'53.96700"
Northing	4209071.448 m	Longitude	E23°44'33.10582"	Longitude	E23°44'39.21033"
Elevation	106.420 m	Height	116.568 m	Height	145.130 m

Vector					
ΔEasting	4040.243 m	NS Fwd Azimuth	20°22'51"	ΔX	-7633.849 m
ΔNorthing	10767.556 m	Ellipsoid Dist.	11505.072 m	ΔY	1025.226 m
ΔElevation	76.074 m	ΔHeight	75.903 m	ΔZ	8546.872 m

## Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.006 m	$\sigma$ NS fwd Azimuth	0°00'00"	$\sigma \Delta$ X	0.025 m
$\sigma \Delta$ Northing	0.011 m	$\sigma$ Ellipsoid Dist.	0.010 m	$\sigma \Delta$ Y	0.013 m
$\sigma \Delta$ Elevation	0.028 m	$\sigma \Delta$ Height	0.028 m	$\sigma \Delta$ Z	0.013 m

## Aposteriori Covariance Matrix (Meter<sup>2</sup>)



	X	Y	Z
X	0.0006026243		
Y	0.0002555037	0.0001571606	
Z	0.0002543537	0.0001016277	0.0001817573

## Occupations

	From	To
Point ID:	<a href="#">lga0614i_O2KM</a>	<a href="#">S7C</a>
Data file:	D:\Projects \012_FOYKA_EDAFOMHXANIKH_D.ATHI NAS\05_CALC\STATIC\lga0165f.210	D:\Projects \012_FOYKA_EDAFOMHXANIKH_D.ATHI NAS\05_CALC\STATIC\03441650.t02
Receiver type:	NET-G5	R4
Receiver serial number:	W069TJHO2KM	5004412958
Antenna type:	Unknown External	R4 Internal
Antenna serial number:	-Unknown-	-----
Antenna height (measured):	0.000 m	2.295 m
Antenna method:	Antenna Phase Center	Bottom of antenna mount



### Acceptance Criteria

Vector Component	Flag 	Fail 
Horizontal Precision >	0.050 m + 1.000 ppm	0.100 m + 1.000 ppm
Vertical Precision >	0.100 m + 1.000 ppm	0.200 m + 1.000 ppm

### lga0614i\_O2KM - S7B (9:32:12 πμ-9:49:57 πμ) (S4)

---

**Baseline observation:** [lga0614i\\_O2KM --- S7B \(B4\)](#)  
**Processed:** 15/6/2021 4:13:13 μμ  
**Solution type:** Fixed  
**Frequency used:** Dual Frequency (L1, L2)  
**Horizontal precision:** 0.040 m  
**Vertical precision:** 0.056 m  
**RMS:** 0.018 m  
**Maximum PDOP:** 2.833  
**Ephemeris used:** Broadcast  
**Antenna model:** NGS Relative  
**Processing start time:** 14/6/2021 9:32:12 πμ (Local: UTC+3hr)  
**Processing stop time:** 14/6/2021 9:49:57 πμ (Local: UTC+3hr)  
**Processing duration:** 00:17:45  
**Processing interval:** 15 seconds  
**Processing mode:** Uncombined Mode

### Vector Components (Mark to Mark)

From:		lga0614i_O2KM			
Grid		Local		Global	
Easting	473363.758 m	Latitude	N37°55'54.86883"	Latitude	N37°56'04.21215"
Northing	4198303.892 m	Longitude	E23°41'48.81675"	Longitude	E23°41'54.90768"
Elevation	30.346 m	Height	40.665 m	Height	68.645 m

To:		S7B			
Grid		Local		Global	
Easting	477385.930 m	Latitude	N38°01'44.06103"	Latitude	N38°01'53.40013"
Northing	4209054.026 m	Longitude	E23°44'32.36653"	Longitude	E23°44'38.47100"
Elevation	106.184 m	Height	116.332 m	Height	144.893 m

Vector					
$\Delta$ Easting	4022.172 m	NS Fwd Azimuth	20°19'37"	$\Delta$ X	-7616.903 m
$\Delta$ Northing	10750.134 m	Ellipsoid Dist.	11482.409 m	$\Delta$ Y	1012.982 m
$\Delta$ Elevation	75.838 m	$\Delta$ Height	75.667 m	$\Delta$ Z	8532.959 m

### Standard Errors

Vector errors:					
$\sigma$ $\Delta$ Easting	0.009 m	$\sigma$ NS fwd Azimuth	0°00'00"	$\sigma$ $\Delta$ X	0.024 m
$\sigma$ $\Delta$ Northing	0.016 m	$\sigma$ Ellipsoid Dist.	0.014 m	$\sigma$ $\Delta$ Y	0.014 m
$\sigma$ $\Delta$ Elevation	0.028 m	$\sigma$ $\Delta$ Height	0.028 m	$\sigma$ $\Delta$ Z	0.019 m

### Aposteriori Covariance Matrix (Meter<sup>2</sup>)

	X	Y	Z
X	0.0005725060		
Y	0.0002305180	0.0001834217	
Z	0.0002472113	0.0000464826	0.0003752906

## Occupations



	From	To
Point ID:	<a href="#">lga0614i_O2KM</a>	<a href="#">S7B</a>
Data file:	D:\Projects \012_FOYKA_EDAFOMHXANIKH_D.ATHI NAS\05_CALC\STATIC\lga0165f.210	D:\Projects \012_FOYKA_EDAFOMHXANIKH_D.ATHI NAS\05_CALC\STATIC\03441650.t02
Receiver type:	NET-G5	R4
Receiver serial number:	W069TJHO2KM	5004412958
Antenna type:	Unknown External	R4 Internal
Antenna serial number:	-Unknown-	-----
Antenna height (measured):	0.000 m	2.295 m
Antenna method:	Antenna Phase Center	Bottom of antenna mount

---

**Processing style**

**Elevation mask:** 10°00'00.0"  
**Auto start processing:** Yes  
**Start automatic ID numbering:** AUTO0001  
**Continuous vectors:** No  
**Antenna model:** Automatic  
**Ephemeris type:** Automatic  
**Frequency:** Multiple Frequencies  
**Processing Interval:** Automatic  
**Force float:** No  
**GIS processing type:** Automatic Carrier and Code Processing

**Acceptance Criteria**

<b>Vector Component</b>	<b>Flag</b> 	<b>Fail</b> 
Horizontal Precision >	0.050 m + 1.000 ppm	0.100 m + 1.000 ppm
Vertical Precision >	0.100 m + 1.000 ppm	0.200 m + 1.000 ppm

Iga0614i\_O2KM - T4 (8:57:57 πμ-9:15:42 πμ) (S5)

Baseline observation:	Iga0614i_O2KM --- T4 (B5)
Processed:	15/6/2021 4:13:14 μμ
Solution type:	Fixed
Frequency used:	Dual Frequency (L1, L2)
Horizontal precision:	0.021 m
Vertical precision:	0.041 m
RMS:	0.013 m
Maximum PDOP:	3.855
Ephemeris used:	Broadcast
Antenna model:	NGS Relative
Processing start time:	14/6/2021 8:57:57 πμ (Local: UTC+3hr)
Processing stop time:	14/6/2021 9:15:42 πμ (Local: UTC+3hr)
Processing duration:	00:17:45
Processing interval:	15 seconds
Processing mode:	Uncombined Mode

Vector Components (Mark to Mark)

From:		Iga0614i_O2KM			
Grid		Local		Global	
Easting	473363.758 m	Latitude	N37°55'54.86883"	Latitude	N37°56'04.21215"
Northing	4198303.892 m	Longitude	E23°41'48.81675"	Longitude	E23°41'54.90768"
Elevation	30.346 m	Height	40.665 m	Height	68.645 m

To:		T4			
Grid		Local		Global	
Easting	477234.481 m	Latitude	N38°01'45.94713"	Latitude	N38°01'55.28633"
Northing	4209112.578 m	Longitude	E23°44'26.14752"	Longitude	E23°44'32.25185"
Elevation	98.459 m	Height	108.605 m	Height	137.165 m

Vector					
ΔEasting	3870.723 m	NS Fwd Azimuth	19°31'00"	ΔX	-7594.204 m
ΔNorthing	10808.686 m	Ellipsoid Dist.	11485.325 m	ΔY	857.270 m
ΔElevation	68.113 m	ΔHeight	67.940 m	ΔZ	8574.006 m

### Standard Errors

Vector errors:					
$\sigma \Delta$ Easting	0.007 m	$\sigma$ NS fwd Azimuth	0°00'00"	$\sigma \Delta$ X	0.018 m
$\sigma \Delta$ Northing	0.008 m	$\sigma$ Ellipsoid Dist.	0.009 m	$\sigma \Delta$ Y	0.008 m
$\sigma \Delta$ Elevation	0.021 m	$\sigma \Delta$ Height	0.021 m	$\sigma \Delta$ Z	0.013 m



### Aposteriori Covariance Matrix (Meter<sup>2</sup>)

	X	Y	Z
X	0.0003283782		
Y	0.0000714384	0.0000573966	
Z	0.0001669071	0.0000526577	0.0001716646

### Occupations

	From	To
Point ID:	<a href="#">lga0614i_O2KM</a>	<a href="#">T4</a>
Data file:	D:\Projects \012_FOYKA_EDAFOMHXANIKH_D.ATHI NAS\05_CALC\STATIC\lga0165f.210	D:\Projects \012_FOYKA_EDAFOMHXANIKH_D.ATHI NAS\05_CALC\STATIC\03441650.t02
Receiver type:	NET-G5	R4
Receiver serial number:	W069TJHO2KM	5004412958
Antenna type:	Unknown External	R4 Internal
Antenna serial number:	-Unknown-	-----
Antenna height (measured):	0.000 m	2.295 m
Antenna method:	Antenna Phase Center	Bottom of antenna mount

**Acceptance Criteria**

Vector Component	Flag 	Fail 
Horizontal Precision >	0.050 m + 1.000 ppm	0.100 m + 1.000 ppm
Vertical Precision >	0.100 m + 1.000 ppm	0.200 m + 1.000 ppm

**Iga0614i\_O2KM - T3 (8:35:57 πμ-8:53:57 πμ) (S6)**

---

**Baseline observation:** [Iga0614i\\_O2KM --- T3 \(B6\)](#)

**Processed:** 15/6/2021 4:13:14 μμ

**Solution type:** Fixed

**Frequency used:** Dual Frequency (L1, L2)

**Horizontal precision:** 0.029 m

**Vertical precision:** 0.037 m

**RMS:** 0.019 m

**Maximum PDOP:** 3.196

**Ephemeris used:** Broadcast

**Antenna model:** NGS Relative

**Processing start time:** 14/6/2021 8:35:57 πμ (Local: UTC+3hr)

**Processing stop time:** 14/6/2021 8:53:57 πμ (Local: UTC+3hr)

**Processing duration:** 00:18:00

**Processing interval:** 15 seconds

**Processing mode:** Uncombined Mode

### Vector Components (Mark to Mark)

From:		lga0614i_O2KM			
Grid		Local		Global	
Easting	473363.758 m	Latitude	N37°55'54.86883"	Latitude	N37°56'04.21215"
Northing	4198303.892 m	Longitude	E23°41'48.81675"	Longitude	E23°41'54.90768"
Elevation	30.346 m	Height	40.665 m	Height	68.645 m

To:		T3			
Grid		Local		Global	
Easting	477209.887 m	Latitude	N38°01'46.75499"	Latitude	N38°01'56.09420"
Northing	4209137.546 m	Longitude	E23°44'25.13584"	Longitude	E23°44'31.24016"
Elevation	97.218 m	Height	107.363 m	Height	135.924 m

Vector					
$\Delta$ Easting	3846.129 m	NS Fwd Azimuth	19°21'33"	$\Delta$ X	-7599.213 m
$\Delta$ Northing	10833.654 m	Ellipsoid Dist.	11500.588 m	$\Delta$ Y	828.113 m
$\Delta$ Elevation	66.872 m	$\Delta$ Height	66.698 m	$\Delta$ Z	8592.862 m

### Standard Errors

Vector errors:					
$\sigma$ $\Delta$ Easting	0.008 m	$\sigma$ NS fwd Azimuth	0°00'00"	$\sigma$ $\Delta$ X	0.014 m
$\sigma$ $\Delta$ Northing	0.011 m	$\sigma$ Ellipsoid Dist.	0.012 m	$\sigma$ $\Delta$ Y	0.009 m
$\sigma$ $\Delta$ Elevation	0.019 m	$\sigma$ $\Delta$ Height	0.019 m	$\sigma$ $\Delta$ Z	0.016 m

### Aposteriori Covariance Matrix (Meter<sup>2</sup>)

	X	Y	Z
X	0.0001936383		
Y	0.0000532296	0.0000898817	
Z	0.0000995991	0.0000992572	0.0002660719



## Occupations



	From	To
Point ID:	<a href="#">lga0614i_O2KM</a>	T3
Data file:	D:\Projects \012_FOYKA_EDAFOMHXANIKH_D.ATHI NAS\05_CALC\STATIC\lga0165f.210	D:\Projects \012_FOYKA_EDAFOMHXANIKH_D.ATHI NAS\05_CALC\STATIC\03441650.t02
Receiver type:	NET-G5	R4
Receiver serial number:	W069TJHO2KM	5004412958
Antenna type:	Unknown External	R4 Internal
Antenna serial number:	-Unknown-	-----
Antenna height (measured):	0.000 m	2.295 m
Antenna method:	Antenna Phase Center	Bottom of antenna mount

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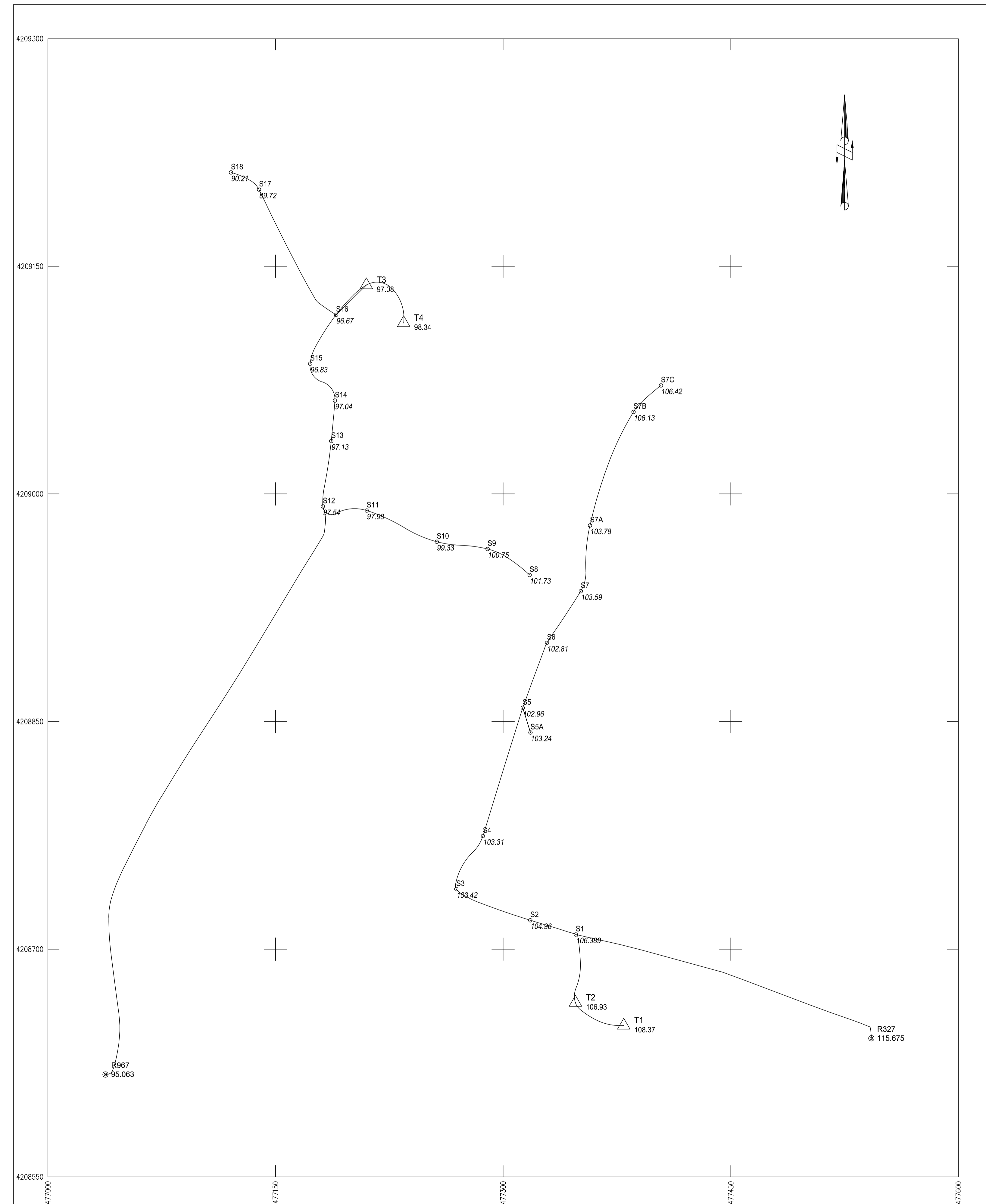
**Processing style**

Elevation mask: 10°00'00.0"  
Auto start processing: Yes  
Start automatic ID numbering: AUTO0001  
Continuous vectors: No  
Antenna model: Automatic  
Ephemeris type: Automatic  
Frequency: Multiple Frequencies  
Processing Interval: Automatic  
Force float: No  
GIS processing type: Automatic Carrier and Code Processing

**Acceptance Criteria**

Vector Component	Flag 	Fail 
Horizontal Precision >	0.050 m + 1.000 ppm	0.100 m + 1.000 ppm
Vertical Precision >	0.100 m + 1.000 ppm	0.200 m + 1.000 ppm

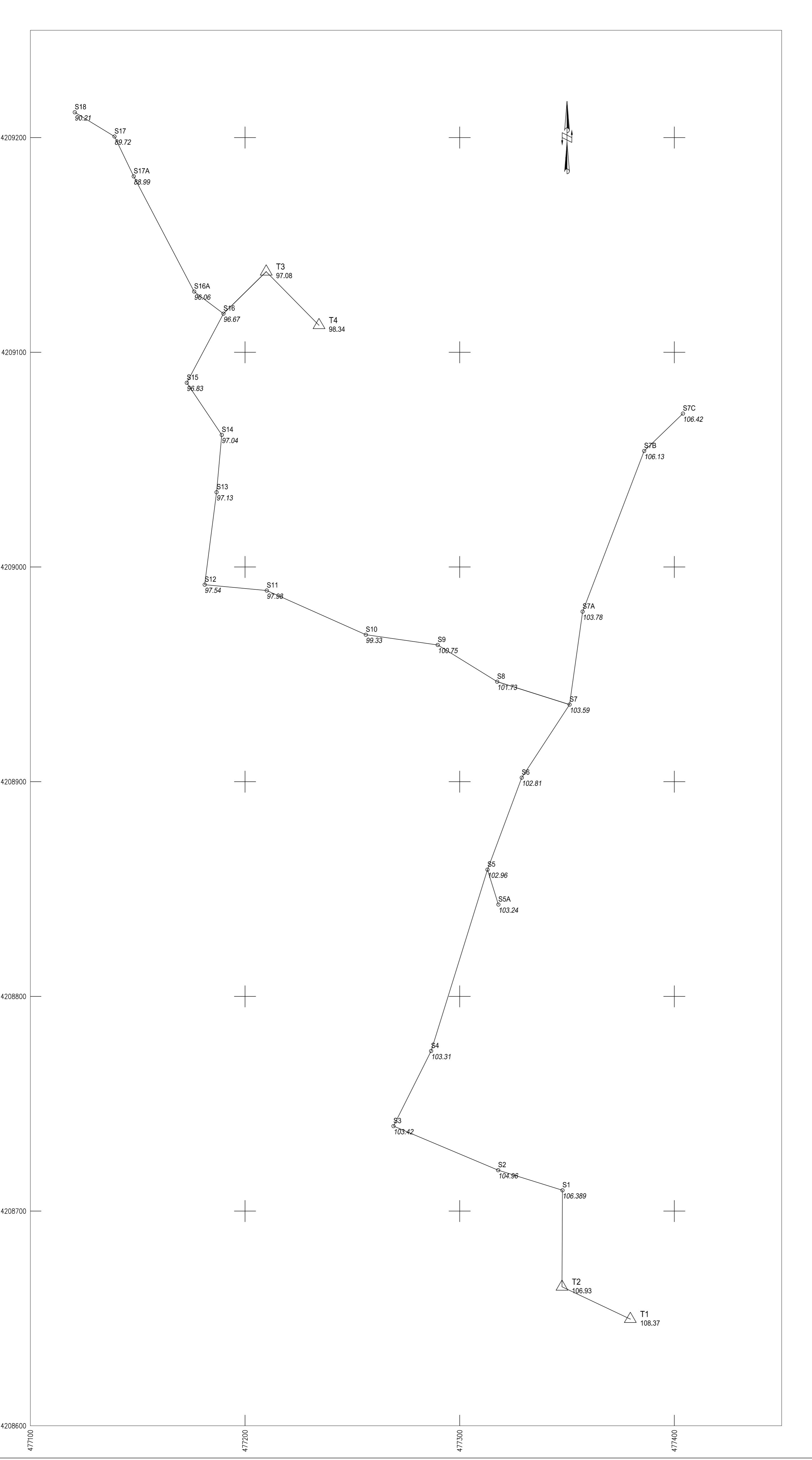
21/6/2021 8:00:40 μμ	D:\Projects \012_FOYKA_EDAFOMHXANIKH_D.ATHINAS \05_CALC\STATIC.vce	Trimble Business Center
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ΥΠΟΜΗΜΑ ΣΥΜΒΟΛΩΝ

	Τριγωνομετρικό Σημείο
	Σημείο πολυγωνομετρίας
	Υψομετρική Αφετηρία Δ. Αθηνών
	Διαδρομή Χωροσταθμικής Οδευσης

 ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ ΔΗΜΟΣ ΑΘΗΝΑΙΩΝ ΓΕΝΙΚΗ ΔΙΕΥΘΥΝΣΗ ΤΕΧΝΙΚΩΝ ΥΠΗΡΕΣΙΩΝ ΚΑΙ ΕΡΓΩΝ Δ/ΝΣΗ ΟΔΟΠΟΪΑΣ, ΑΠΟΧΕΤΕΥΣΗΣ & ΚΟΙΝΟΧΡΗΣΤΩΝ ΧΩΡΩΝ ΤΜΗΜΑ ΜΕΛΕΤΩΝ, ΤΕΚΜΗΡΙΩΣΗΣ & ΠΡΟΓΡΑΜΜΑΤΙΣΜΟΥ		
<b>ΜΕΛΕΤΗ ΓΙΑ ΤΗΝ ΑΝΤΙΜΕΤΩΠΙΣΗ ΤΩΝ ΠΛΗΜΜΥΡΙΚΩΝ ΦΑΙΝΟΜΕΝΩΝ          ΣΤΗ ΛΕΩΦ. ΗΡΑΚΛΕΙΟΥ ΜΕΤΑΞΥ ΤΩΝ ΟΔΩΝ ΕΡΜΩΝΑΣΣΗΣ &amp; ΑΓΙΑΣ ΑΝΑΣΤΑΣΙΑΣ          ΣΤΗΝ ΠΕΡΙΟΧΗ ΡΙΖΟΥΠΟΛΗΣ Δ. ΑΘΗΝΑΙΩΝ</b>		
ΑΡΙΘΜΟΣ ΣΥΜΒΑΣΗΣ	ΦΑΣΗ ΜΕΛΕΤΗΣ	ΧΡΗΜΑΤΟΔΟΤΗΣΗ
21ΣΥΜΝ008458029		ΙΔΙΟΙ ΠΟΡΟΙ Κ.Α 7413.109
<b>ΤΟΠΟΓΡΑΦΙΚΗ ΜΕΛΕΤΗ</b>		
ΘΕΜΑ ΣΧΕΔΙΟΥ:		
<b>ΔΙΑΓΡΑΜΜΑ ΧΩΡΟΣΤΑΘΜΗΣΗΣ</b>		
ΚΛΙΜΑΚΑ: 1:1500		ΑΡ. ΣΧΕΔΙΟΥ: Τ-Χ.1
ΕΚΠΟΝΗΣΗ ΜΕΛΕΤΗΣ		ΑΝΑΔΟΧΟΣ
Digitally signed by ΜΑΡΙΑ ΦΟΥΚΑ Date: 2021.12.22 12:58:53 EET		- ΥΔΡΟΕΥΓΙΑΝΤΙΚΗ Α.Ε - ΕΔΑΦΟΜΗΧΑΝΙΚΗ Α.Τ.Ε - ΦΟΥΚΑ ΜΑΡΙΑ
	ΗΜΕΡ/ΝΙΑ	ΟΝΟΜΑΤΕΠΩΝΥΜΟ
ΣΥΝΤΑΞΗ		ΜΑΡΙΑ ΦΟΥΚΑ
ΕΛΕΓΧΟΣ		ΜΑΡΙΑ ΦΟΥΚΑ
ΕΓΚΡΙΣΗ		ΜΑΡΙΑ ΦΟΥΚΑ
ΘΕΩΡΗΣΗ ΥΠΗΡΕΣΙΑΣ		
	ΗΜΕΡ/ΝΙΑ	ΟΝΟΜΑΤΕΠΩΝΥΜΟ
ΕΠΙΒΛΕΠΟΝΤΕΣ ΜΗΧΑΝΙΚΟΙ		Α. ΜΟΝΕΜΒΑΣΙΩΤΗΣ
		Σ. ΜΕΞΑΣ
ΠΡΟΪΣΤΑΜΕΝΗ ΤΜΗΜΑΤΟΣ ΜΕΛΕΤΩΝ		Κ. ΜΑΡΟΥΓΚΑ
ΠΡΟΪΣΤΑΜΕΝΟΣ ΔΙΕΥΘΥΝΣΗΣ		Γ. ΝΕΟΦΥΤΟΥ



ΥΠΟΜΝΗΜΑ ΣΥΜΒΟΛΩΝ

	Σημείο διπλού εξάρτησης
	Σημείο πολυγωνομετρίας

ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ ΔΗΜΟΣ ΑΘΗΝΑΙΩΝ ΓΕΝΙΚΗ ΔΙΕΥΘΥΝΣΗ ΤΕΧΝΙΚΩΝ ΥΠΗΡΕΣΙΩΝ ΚΑΙ ΕΡΓΩΝ Δ/ΝΣΗ ΟΔΟΠΟΙΑΣ, ΑΠΟΧΕΤΥΣΗΣ & ΚΟΙΝΟΧΡΗΣΤΩΝ ΧΩΡΩΝ ΤΜΗΜΑ ΜΕΛΕΤΩΝ, ΤΕΚΜΗΡΙΩΣΗΣ & ΠΡΟΓΡΑΜΜΑΤΙΣΜΟΥ			
<b>ΜΕΛΕΤΗ ΓΙΑ ΤΗΝ ΑΝΤΙΜΕΤΩΠΙΣΗ ΤΩΝ ΠΛΗΜΜΥΡΙΚΩΝ ΦΑΙΝΟΜΕΝΩΝ          ΣΤΗ ΛΕΩΦ. ΗΡΑΚΛΕΙΟΥ ΜΕΤΑΞΥ ΤΩΝ ΟΔΩΝ ΕΡΜΩΝΑΣΣΗΣ &amp; ΑΓΙΑΣ ΑΝΑΣΤΑΣΙΑΣ          ΣΤΗΝ ΠΕΡΙΟΧΗ ΡΙΖΟΥΠΟΛΗΣ Δ. ΑΘΗΝΑΙΩΝ</b>			
ΑΡΙΘΜΟΣ ΣΥΜΒΑΣΗΣ	ΦΑΣΗ ΜΕΛΕΤΗΣ	ΧΡΗΜΑΤΟΔΟΤΗΣΗ	
21ΣΥΜΝ008458029		ΙΔΙΟΙ ΠΟΡΟΙ Κ.Α. 7413.109	
<b>ΤΟΠΟΓΡΑΦΙΚΗ ΜΕΛΕΤΗ</b>			
ΘΕΜΑ ΣΧΕΔΙΟΥ:			
<b>ΔΙΑΓΡΑΜΜΑ ΠΟΛΥΓΩΝΟΜΕΤΡΙΑΣ</b>			
ΚΛΙΜΑΚΑ: 1:1000		ΑΡ. ΣΧΕΔΙΟΥ: Τ-Π.1	
ΕΚΠΟΝΗΣΗ ΜΕΛΕΤΗΣ		ΑΝΑΔΟΧΟΣ	
Digitally signed by ΜΑΡΙΑ ΦΟΥΚΑ Date: 2021.12.22 12:59:30 EET		- ΥΔΡΟΕΥΓΙΑΝΤΙΚΗ Α.Ε - ΕΔΑΦΟΜΗΧΑΝΙΚΗ Α.Τ.Ε - ΦΟΥΚΑ ΜΑΡΙΑ	
ΣΥΝΤΑΞΗ	ΗΜΕΡ/ΝΙΑ	ΟΝΟΜΑΤΕΠΩΝΥΜΟ	
ΕΛΕΓΧΟΣ		ΜΑΡΙΑ ΦΟΥΚΑ	
ΕΓΚΡΙΣΗ		ΜΑΡΙΑ ΦΟΥΚΑ	
ΘΕΩΡΗΣΗ ΥΠΗΡΕΣΙΑΣ			
	ΗΜΕΡ/ΝΙΑ	ΟΝΟΜΑΤΕΠΩΝΥΜΟ	
		ΥΠΟΓΡΑΦΗ	
ΕΠΙΒΛΕΠΟΝΤΕΣ ΜΗΧΑΝΙΚΟΙ		Α. ΜΟΝΕΜΒΑΣΙΩΤΗΣ	ΑΔΑΜΑΝΤΙΟΣ ΜΟΝΕΜΒΑΣΙΩΤΗΣ <small>Digitally signed by ΑΔΑΜΑΝΤΙΟΣ ΜΟΝΕΜΒΑΣΙΩΤΗΣ          Date: 2021.12.22 13:16:18 +0200</small>
		Σ. ΜΕΞΑΣ	ΣΠΥΡΙΔΩΝ ΜΕΞΑΣ <small>Digitally signed by ΣΠΥΡΙΔΩΝ ΜΕΞΑΣ          Date: 2021.12.23 13:35:05 +0200</small>
ΠΡΟΪΣΤΑΜΕΝΗ ΤΜΗΜΑΤΟΣ ΜΕΛΕΤΩΝ		Κ. ΜΑΡΟΥΓΚΑ	ΚΩΝΣΤΑΝΤΙΝΑ ΜΑΡΟΥΓΚΑ <small>Digitally signed by ΚΩΝΣΤΑΝΤΙΝΑ ΜΑΡΟΥΓΚΑ          Date: 2021.12.28 14:17:50 +0200</small>
ΠΡΟΪΣΤΑΜΕΝΟΣ ΔΙΕΥΘΥΝΣΗΣ		Γ. ΝΕΟΦΥΤΟΥ	ΓΕΩΡΓΙΟΣ ΝΕΟΦΥΤΟΥ <small>Digitally signed by ΓΕΩΡΓΙΟΣ ΝΕΟΦΥΤΟΥ          Date: 2021.12.28 14:17:51 +0200</small>