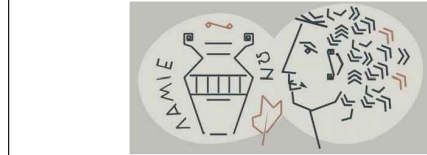


DESIGN ASSUMPTIONS/ΠΑΡΑΔΟΧΕΣ ΣΧΕΔΙΑΣΜΟΥ			
1. DEAD LOADS	1.1	Concrete Self Weight	
	1.2	Fresh Concrete Self Weight	
	1.3	Structural Steel Self Weight	
	1.4	Water Self Weight	
	1.5	Soil Bulk Unit Weight	
	1.6	Masonry Self Weight	
	1.7	Wood Self Weight	
	1.8	Brick Laid Across	
	1.9	Brick Laid Stetch	
	1.10	Floor Finishes	
	1.11	Roof False Ceiling	
	1.12	Suspended E/M Installations, roof level	
	1.13	Roof Finishes	
2. LIVE LOADS	2.1	Floor Live Load, general	
	2.2	Staircase Live Load	
	2.3	Balcony Live Load	
	2.4	HVAC Installation on Roof	
	2.5	Linear Temperature Change	
	2.6	Uniform Temperature Change	
3. SNOW LOADS	3.1	Climatic Zone	
	3.2	MSL Snow Load	
	3.3	Altitude	
	3.4	Characteristic Snow Load on the Ground	
	3.5	Roof Shape Coefficient	
	3.6	Characteristic Snow Load on Roof	
	3.7	Additional Snow Load on Roof	
4. WIND LOADS	4.1	Basic Wind Velocity	
	4.2	Basic Wind Velocity (during construction)	
	4.3	Exposure Category	
	4.3	Exposure Category	
5. ACCIDENTAL LOADS			
5.1	Fire Exposure Level		
6. SEISMIC LOADS			
6.1	Seismic Zone		
6.2	Design ground acceleration (T=475yr)		
6.3	Importance Category		
6.4	Importance Factor		
6.5	Design ground acceleration (T=1303yr)		
6.6	Soil Class		
6.7	Soil Factor		
6.8	Foundation Factor		
6.9	Spectral Corner Periods		
6.10	Ductility Class		
6.11	Existing building Behaviour Factor		
6.12	New building Behaviour Factor		
6.13	New building Behaviour Factor		
6.14	Damping		
7. MATERIAL PROPERTIES			
7.1	Lean Concrete Grade		
7.2	Reinforced Concrete Grade-Walls		
7.3	Reinforced Concrete Grade-Foundation		
7.4	Reinforced Concrete Grade-Slab on Grade		
7.5	Reinforced Concrete Grade-Slabs on Deck Profile		
7.6	Reinforced Concrete Grade-Pile Foundation		
7.7	Cement based materials		
7.8	Existing Masonry Mortar Grade		
7.9	New Masonry Mortar Grade		
7.10	Masonry Grouting Grade		
7.11	Roof Wood Grade		
7.12	Steel Reinforcement Grade		
7.13	Structural Steel		
7.14	Bolts, Nuts, Washers		
7.15	Anchor Bolts		
7.16	Deck Profile		
7.17	Shear Studs		
7.18	Welding Electrodes		
7.19	Steel Fibers		
7.20	Fibers		
7.21	Fire Protection Coating-Structural Steel		
7.22	Fire Protection Coating-Structural Wood		
7.23	Concrete Slump Category		
8. CONCRETE COVER	8.1	Exposure Category Walls	
	8.2	Exposure Category Foundations	
	8.3	Exposure Category Slabs on Grade	
	8.4	Exposure Category Slabs on Deck Profile	
	8.5	Exposure Category Pile Foundation	
	8.6	Concrete Cover Walls	
	8.7	Concrete Cover Foundations	
	8.8	Concrete Cover Slabs on Grade	
	8.9	Concrete Cover Slabs on Deck Profile	
	8.10	Concrete Cover Pile Foundation	
9. SOIL PROPERTIES	9.1	Soil Bulk Unit Weight	
	9.2	Allowable Bearing Pressure-Static Loading	
	9.3	Allowable Bearing Pressure-Seismic Loading	
	9.4	Modulus of Subgrade Reaction	
	9.5	Angle of Internal Friction	
	9.6	Soil-Foundation Interface Angle of Friction	
	9.7	Shear Strength of Soil	
	9.8	Cohesion	
	9.9	Standard Penetration	
	9.9	Standard Penetration	
10. ANALYSIS METHOD			
10.1	Dynamic Analysis		
10.2	Non-Linear Static Analysis (Pushover)		
11. PROVISION FOR FUTURE STOREYS & EXTENSION			
11.1	Future Storeys		
11.2	Future Extension		
12. STRUCTURAL CATEGORY			
12.1	Working Life Category		
12.2	Consequence Class		
12.3	Supervision Level		
12.4	Performance Level		
12.5	Imposed loads in buildings, category		
12.6	Execution Class, Concrete/Steel		
12.7	Environmental Durability		
12.8	Service class, Wood		
12.9	Ductility Class		
12.10	Service Category, Concrete/Steel		
12.11	Curing Class		
12.12	Surface Finish		
13. BUILDING CODES / ΚΑΝΟΝΙΣΜΟΙ			
13.1	ELOT EN 1990: Basis of Structural Design		
13.2	ELOT EN 1991-1-1: Basis of design and actions on structures - Part 1-1 General actions - Densities, self-weight, imposed loads for buildings		
13.3	ELOT EN 1991-1-2: General actions - Actions on structures exposed to fire		
13.4	ELOT EN 1991-1-3: General actions - Wind actions		
13.5	ELOT EN 1991-1-3: General actions - Wind actions		
13.6	ELOT EN 1992-1-1: Design of Concrete Structures - Part 1-1 General rules for buildings		
13.7	ELOT EN 1992-1-2: General rules - Structural fire design		
13.8	ELOT EN 1993-1-1: Design of Steel Structures - General rules and rules for buildings		
13.9	ELOT EN 1993-1-2: General rules - Structural fire design		
13.10	ELOT EN 1994: Design of Composite Steel and Concrete Structures		
13.11	ELOT EN 1997: Geotechnical Design		
13.12	ELOT EN 1998: Design of Structures for Earthquake Resistance		
13.13	ELOT EN 1998-3: Design of Structures for Earthquake Resistance - Part 3 Assessment and retrofitting of buildings		
13.14	ELOT EN 206: Concrete		
13.15	ELOT EN 10080: Steel for the Reinforcement of Concrete-Weldable Reinforcing Steel-General		
13.16	ELOT EN 1990-1: Requirements for conformity assessment for structural components		
13.17	ELOT EN 13670: Execution of Concrete Structures		
13.18	ELOT EN ISO 13918:2018 Welding. Studs and ceramic ferrules for arc stud welding		
13.19	ELOT EN 845-1:2003+A1:2008 Specification for ancillary components for masonry-Part 1 Wall ties, tension straps, hangers and brackets		

13.20	EN 10219: Cold formed welded structural hollow sections of non-alloy and fine grain steels	Συγκολλητές κοίλες διατομές κατασκευών διαμορφωμένες εν ψυχρώ από μη κεκαρμένους και λεπτόκοκκους χάλυβες
13.21	ELOT EN 459-1: Building lime. Definitions, specifications and conformity criteria	Οικοδομικοί ασβεστο-Ορίσμοι, προδιαγραφές και κριτήρια συμμόρφωσης
13.22	ELOT EN 998-2: Specification for mortar for masonry. Masonry mortar	Προδιαγραφή κοναμάτων τοιχοποιίας. Κονίαμα τοιχοποιίας
13.23	Greek Code for Loads on Buildings	Ελληνικός Κανονισμός Φορτίσεων Δομικών Έργων
13.24	Greek Concrete Reinforcement Technology Code	Ελληνικός Κανονισμός Σκυροδέματος για τη Μελέτη και Κατασκευή Έργων από Οπλισμένο Σκυρόδεμα (Ε.Κ.Δ.Σ. 2000)
13.25	Greek Code for Seismic Resistant Structures	Ελληνικός Αντισεισμικός Κανονισμός (Ε.Α.Κ. 2000)
13.26	Greek Code of Concrete	Ελληνικός Κανονισμός Τεχνολογίας Σκυροδέματος 2016
13.27	Greek Code for Steel in Reinforced Concrete	Ελληνικός Κανονισμός Τεχνολογίας Χάλυβων Οπλισμένου Σκυροδέματος 2008
13.28		Κανονισμός για αποτίμηση και δομητικές επεμβάσεις τοιχοποιίας (ΚΑΔΕΤ), σχέδιο 1 Μάρτιος 2019
13.29	New Greek Code for Steel Reinforcement	Νέος Κανονισμός Τεχνολογίας Χάλυβων

LEGEND / ΥΠΟΜΝΗΜΑ		
GL	Σ. ΕΔ.	GROUND LEVEL
EL	Σ. ΕΚ.	EXCAVATION LEVEL
FL	Σ. ΘΕΜ.	FOUNDATION LEVEL
BL	Κ. Σ.	BOTTOM LEVEL
FFL	Τ. Σ. Δ.	FINAL FLOOR LEVEL
FGL	Τ. Σ. ΕΔ.	FINAL GROUND LEVEL
TOC	Α. Σ. ΣΚ.	TOP OF CONCRETE ELEVATION
BOC	Κ. Σ. ΣΚ.	BOTTOM OF CONCRETE ELEVATION
BOBP	Κ.Σ.Μ.Ε.	BOTTOM OF BASE PLATE
BOS	Κ. Σ. ΣΙΔ.	BOTTOM OF STEEL ELEVATION
TOS	Α. Σ. ΓΡΑΔ.	TOP OF GRATING
TOL	Α. Σ. Υ.	TOP OF LIQUID ELEVATION
BOL	Κ. Σ. Υ.	BOTTOM OF LIQUID ELEVATION
GWL	Σ. Υ. Ο.	GROUND WATER LEVEL
ST	Δ. Η.	SHEAR STUDS
BIP	E. T.	BUILT-IN PART
CJ	Α.Δ.ΣΚ.	CONSTRUCTION JOINT
CL	Α.Ε.	CENTER LINE
NOTES / ΠΑΡΑΤΗΡΗΣΕΙΣ		



ΕΛΛΗΝΙΚΗ ΔΗΜΟΚΡΑΤΙΑ
ΝΟΜΟΣ ΦΘΙΩΤΙΔΑΣ
ΔΗΜΟΣ ΛΑΜΙΕΩΝ

ΔΙΕΥΘΥΝΣΗ ΥΠΟΔΟΜΩΝ &
ΤΕΧΝΙΚΩΝ ΕΡΓΩΝ

ΕΡΓΟ:

ΑΠΟΚΑΤΑΣΤΑΣΗ - ΕΠΑΝΑΧΡΗΣΗ ΔΙΑΤΗΡΗΤΕΟΥ
ΚΤΙΡΙΟΥ ΟΔΟΥ ΑΡΙΣΤΟΤΕΛΟΥΣ ΣΤΗ ΛΑΜΙΑ

ΘΕΣΗ ΕΡΓΟΥ:

ΑΡΙΣΤΟΤΕΛΟΥΣ αρ. 3 ΛΑΜΙΑ

ΑΡΙΘΜΟΣ ΤΕΥΧΟΥΣ

ΤΙΤΛΟΣ ΤΕΥΧΟΥΣ

ΠΑΡΑΔΟΧΕΣ ΣΤΑΤΙΚΗΣ ΜΕΛΕΤΗΣ

03Α

ΝΟΕΜΒΡΙΟΣ 2020

ΕΠΙΣΤΗΜΟΝΙΚΟΣ ΣΥΜΒΟΥΛΟΣ: ΛΕΛΗΣ ΚΩΝ/ΝΟΣ, ΠΟΛ. ΜΗΧ. Μ.Σc.

ΣΥΝΤΑΞΗ	ΕΛΕΓΧΟΣ	ΘΕΩΡΗΣΗ
Λαμία, / 11 / 2020		Λαμία, / 11 / 2020
ΟΛΓΑ-ΜΑΡΙΑ ΑΝΤΩΝΟΠΟΥΛΟΥ ΠΟΛΙΤΙΚΟΣ ΜΗΧΑΝΙΚΟΣ		ΑΦΡΟΔΙΤΗ ΠΟΛΥΤΟΠΟΥΛΟΥ ΑΡΧΙΤΕΚΤΩΝ ΜΗΧΑΝΙΚΟΣ