#### HIGHER TECHNICAL INSTITUTE

### **CIVIL ENGINEERING COURSE**

### **DIPLOMA PROJECT**

## QUANTITY SURVEYING PRACTICES IN CYPRUS

C/587

BY: THEODOROU PHOTINI

JUNE 1991

1791

PROJECT SUPERVISOR:

MR ANDREAS KKOLOS

LECTURER IN CIVIL

**ENGINEERING** 

HTI

EXTERNAL ASSESSOR: MR GEORGE ELEFTHERIADES

TYPE OF PROJECT:

**INDIVIDUAL** 

# THEODOROU PHOTINI QUANTITY SURVEYING PRACTICES IN CYPRUS SUMMARY

The scope of the project is to study the quantity surveying practices in Cyprus:

The objectives of the project were:

- 1. To carry out the "taking off" measurements of concrete, formwork, reinforcement, brickwork, finishes of the drawings provided.
- 2. To write a report on the different methods of "taking off" procedures used in Cyprus.
- 3. To compare the above methods with the SMM7 and point out the differents between the methods mentioned above.

The report on the different methods of "taking off" procedures used in Cyprus was based on visits to local quantity surveying firms and quantity surveyors who work as individuals.

The whole project consists of three chapters. The first chapter refers to a bill preparation processes. At the second chapter a bill of quantities was prepared. The third chapter deals with the quantity surveying practices in Cyprus. Conclusions and comments on the quantity surveying as practiced in Cyprus are given at the end of this project.

### **CONTENTS**

Acknowledg	ements	Section I'm pelanning remember	I
Summary		Control Is a Summary Control of the	II
	•		III
Chapters:		William IN Company of the Company	
1. BILL	PREPA	ARATION PROCESSES	1
1.1.	Dimen	asion paper	1
1.2	Enteri	ing Dimensions	2
	1.2.1.	Spacing of Items	2
	1.2.2.	Waste calculations	2
	1.2.3.	Order of Dimensions	3
	1.2.4.	Timesing	3
	1.2.5.	Abbreviations and Symbols	4
	1.2.6.	Measurement of Similar Items	4
	1.2.7.	Grouping of Dimensions	5
	1.2.8.	Deductions	6
	1.2.9.	Measurement of Irregular Figures	6
	1.2.10.	Alterations to Dimensions	7
	1.2.11.	Figured Dimensions	8
	1.2.12.	Use of Schedules	8
1.3.	Prepa	ring the abstract	9
	1.3.1.	Object and nature of the abstract	. 9
	1.3.2.	Working up	10
	1.3.3.	Numbering the Dimension sheets	10
	1.3.4.	Squaring dimensions	10
	1.3.5.	Abstracting	11
		1.3.5.1. Transfer of Dimensions	. 11
		1.3.5.2. Subdivisions of Abstract	12
		1.3.5.3. General Rules of Abstracting	13
	1.3.6.	Billing	14
		1.3.6.1. Introduction	14

		1.3.6.2. Referencing of Items	14			
	**	1.3.6.3. Entering Quantities in the Bill	15			
		1.3.6.4. Units of Measurement	15			
		1.3.6.5. General Rules of Billing	15			
2.	PRE	EPARATION OF BILL OF QUANTITIES				
	for a	given building according to SMM7	18			
	•					
3.	QUA	ANTITY SURVEYING PRACTICES IN CYPRUS	19			
	3.1.	Quantity surveyors in Cyprus	19			
	3.2.	Different methods of "taking off" procedures used in				
		Cyprus and main differences between the above methods				
		and the SMM7.	20			

CONCLUSIONS

REFERENCES

APPENDICES

SET OF DRAWINGS