

APPENDIX A SAMPLE PAGES



Figure A1. Front Cover and Spine Format for Thesis

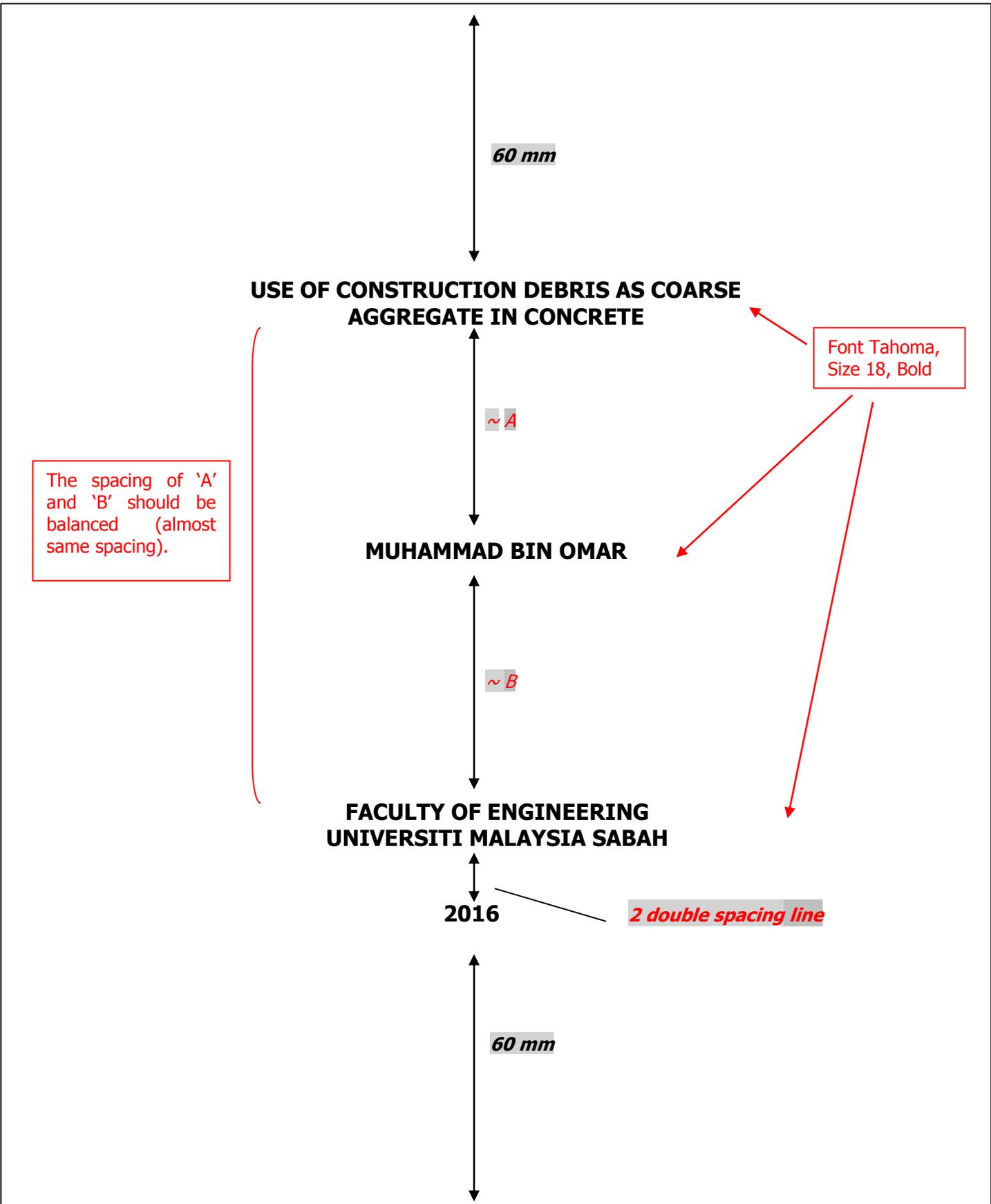


Figure A2. An Example of Front Cover and Title Page

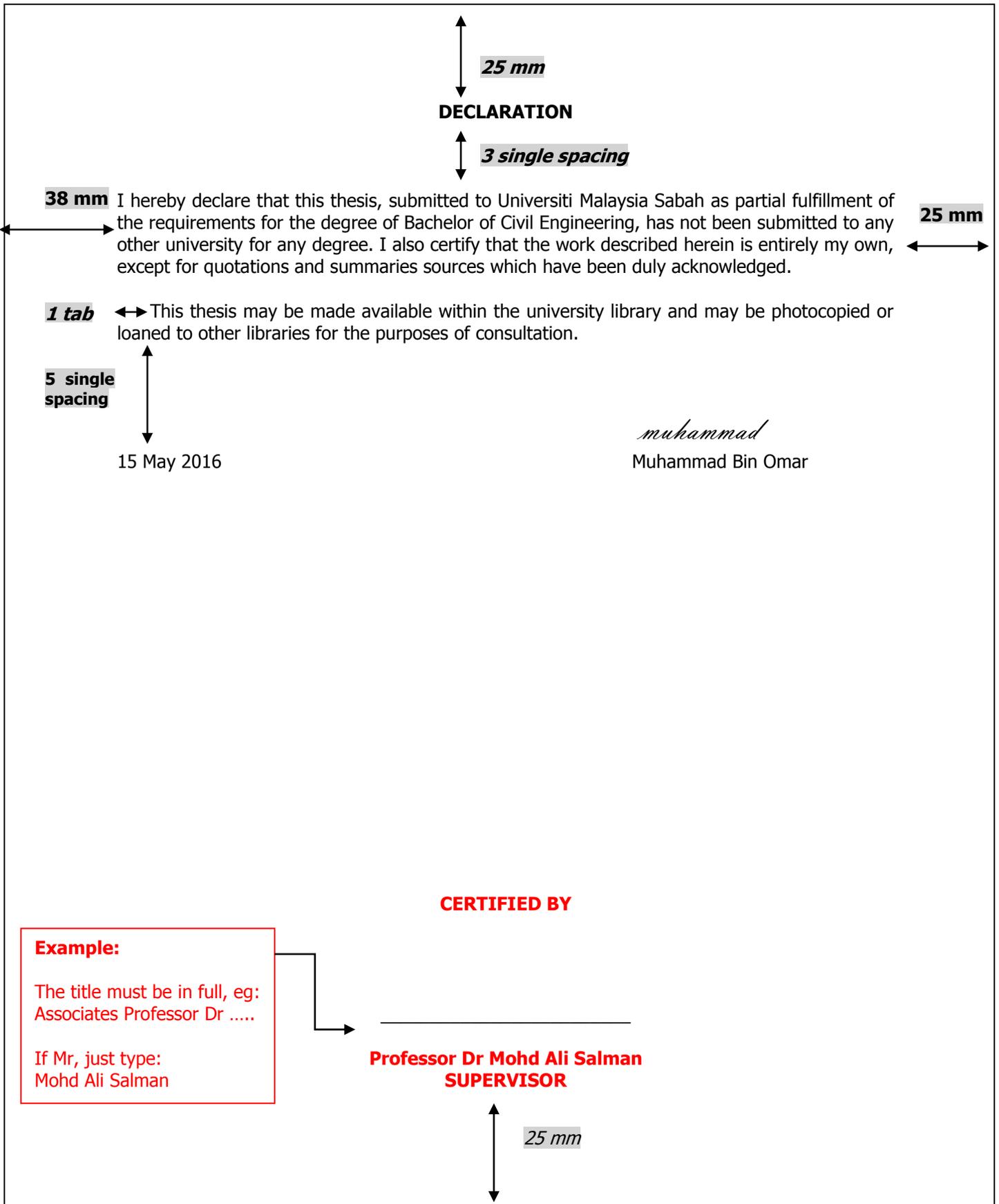


Figure A3. An Example of Declaration Page

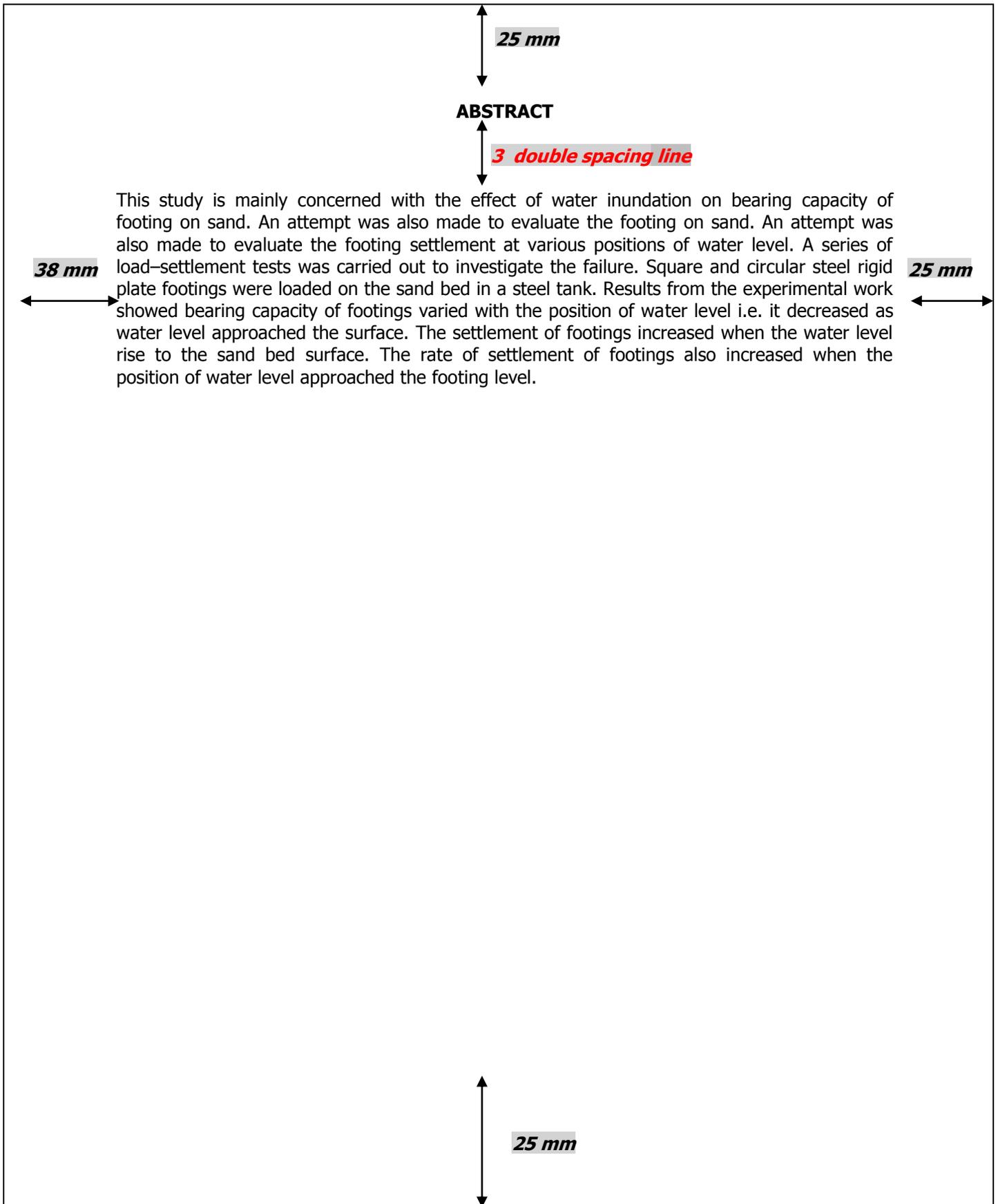


Figure A4. An Example of Abstract Page

	CONTENTS		
	<i>3 single spacing line</i>		
	<i>2 single spacing line</i>		Page
DECLARATION			iii
ACKNOWLEDGEMENT			iv
ABSTRACT			v
ABSTRAK			vi
CONTENTS			vii
LIST OF TABLES			xii
LIST OF FIGURES			xiv
LIST OF SYMBOLS			xvi
CHAPTER 1 INTRODUCTION			
1.1 Overview			1
1.2 Problem Statement and Scope of Research			2
1.3 Objectives of the Research			3
1.4 Research Programme			3
1.5 Scope of the Thesis			5
CHAPTER 2 LITERATURE REVIEW			
2.1 Introduction			6
2.2 Developments in Composite Materials			6
2.2.1 Lightweight Composite			7
2.2.1.1 Advantages of lightweight composites			8
REFERENCES			102
APPENDICES			105

vii

Figure A5. An Example of Table of Contents



LIST OF TABLES

Table No.		Page
2.1	Gradation of Sandstone Coarse Aggregate	31
2.1	Physical Properties of Sandstone Coarse Aggregate	32
2.2	Gradation of River Sand Fine Aggregate	33
2.3	Physical Properties of River Sand Fine Aggregates	34
4.4	Results of Compressive Strength of Concrete at Different Concrete Ages under Full Water Curing Method.	43

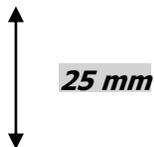


Figure A6. An Example of List of Tables

25 mm

LIST OF FIGURES

3 single spacing line

Figure No.		Page
2.1	Project Work Process Flow Chart	15
2.2	Grading Curve for Sandstone Coarse Aggregate	17
3.1	Percentage Reduction in Compressive Strength in Relation to Rubber Content at 28-day	34

Figure A7. An Example of List of Figures

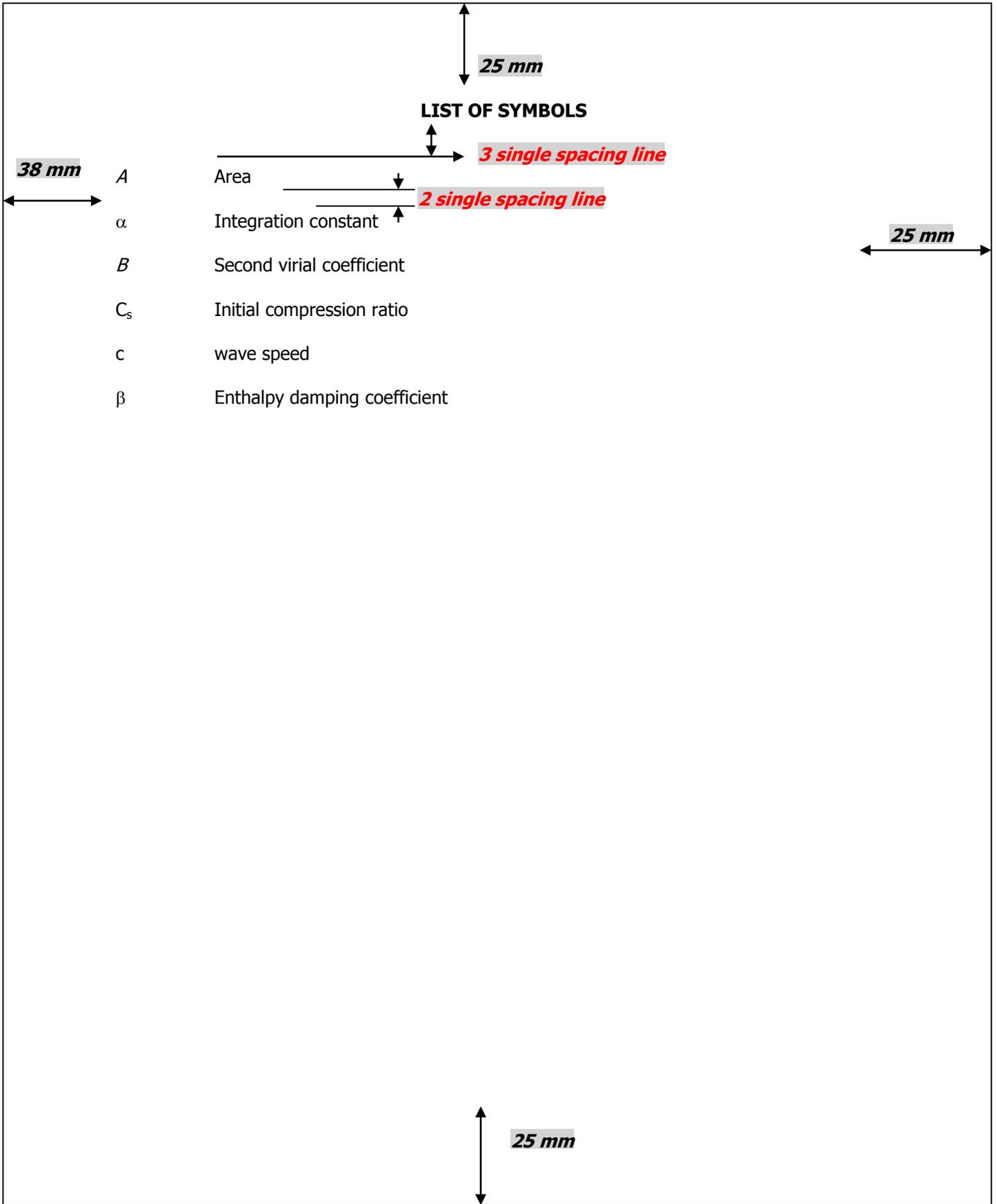


Figure A8. An Example of List of Symbols

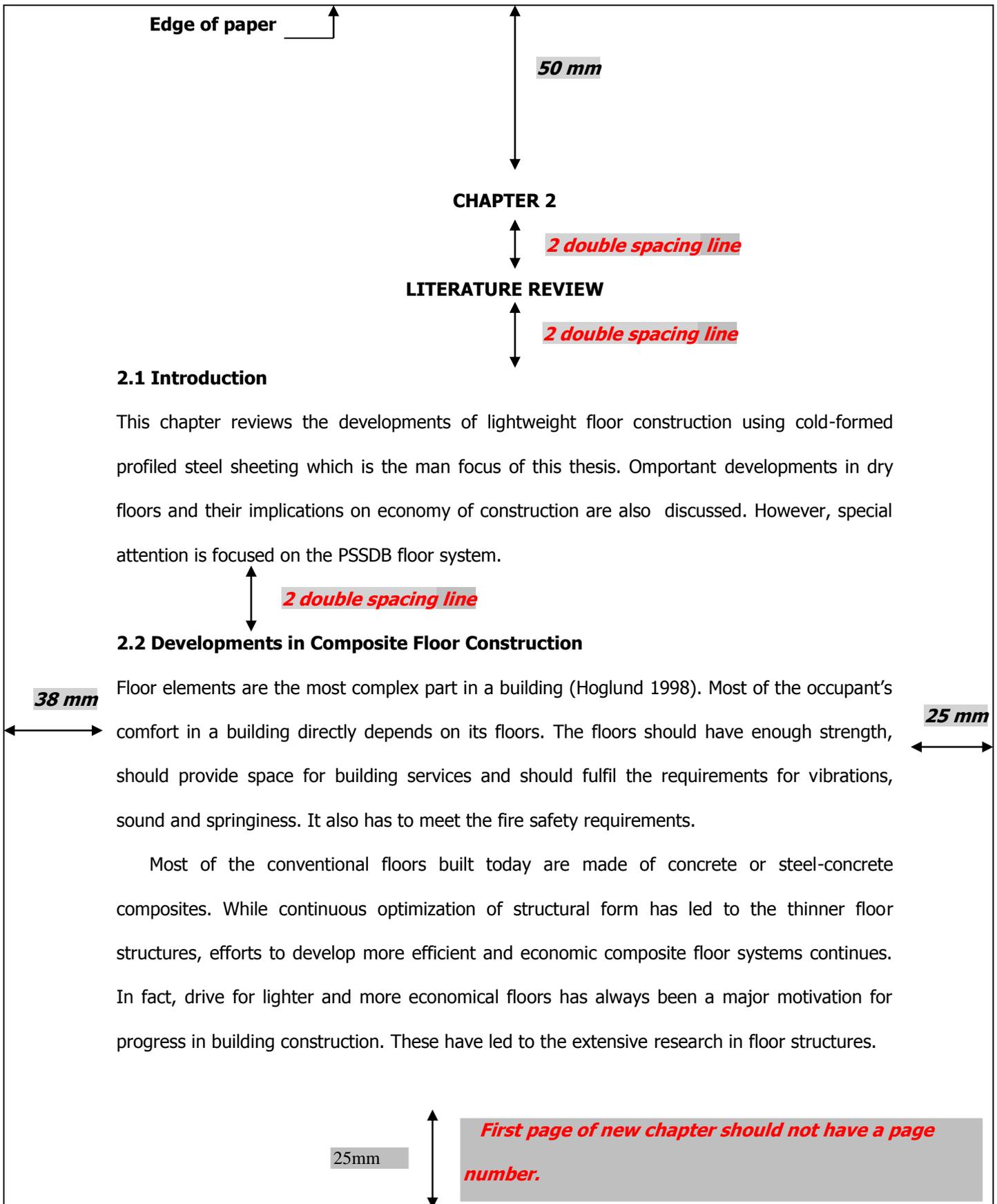


Figure A9. An Example of Chapter Heading

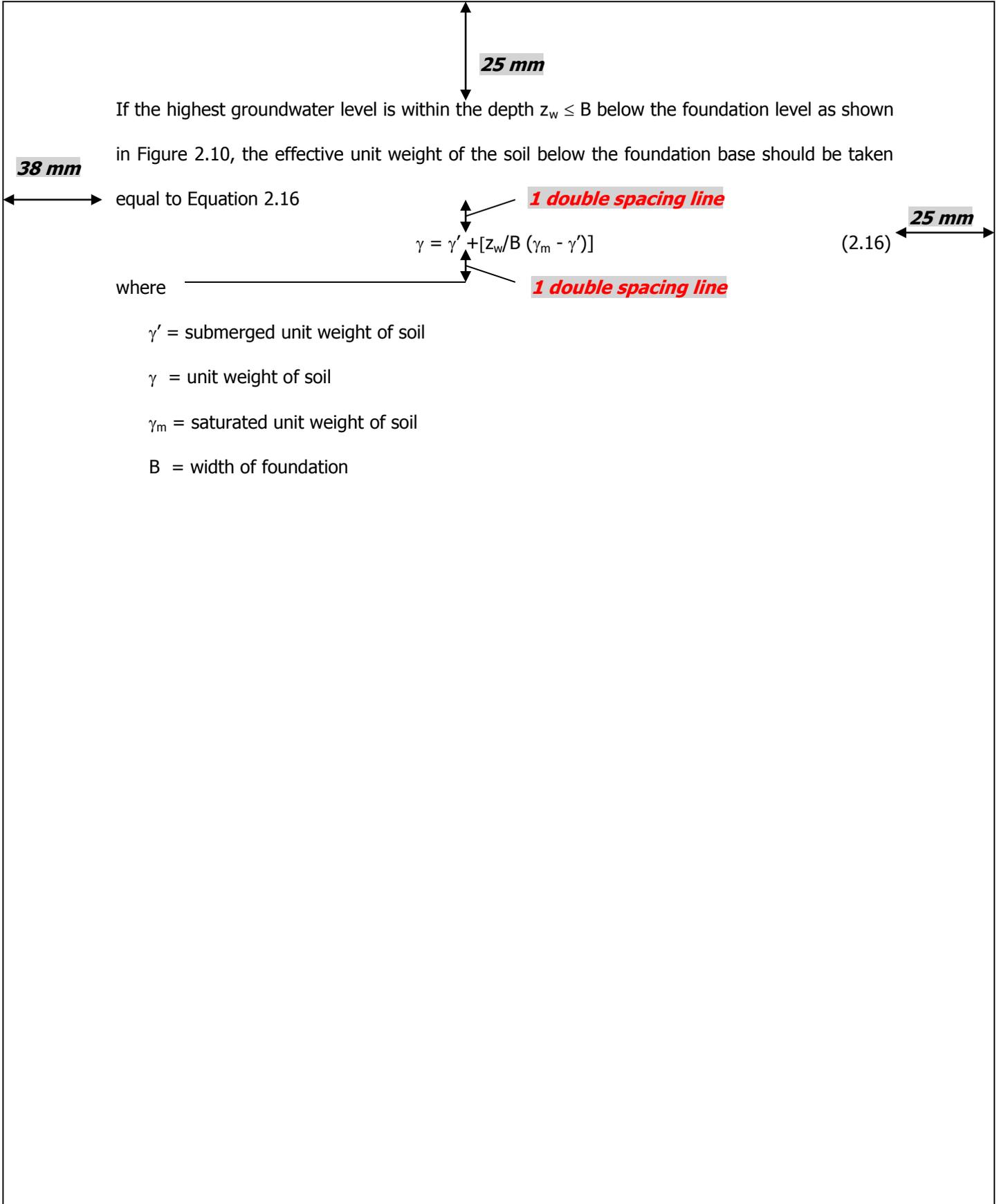


Figure A10. An Example of Placement of Equations

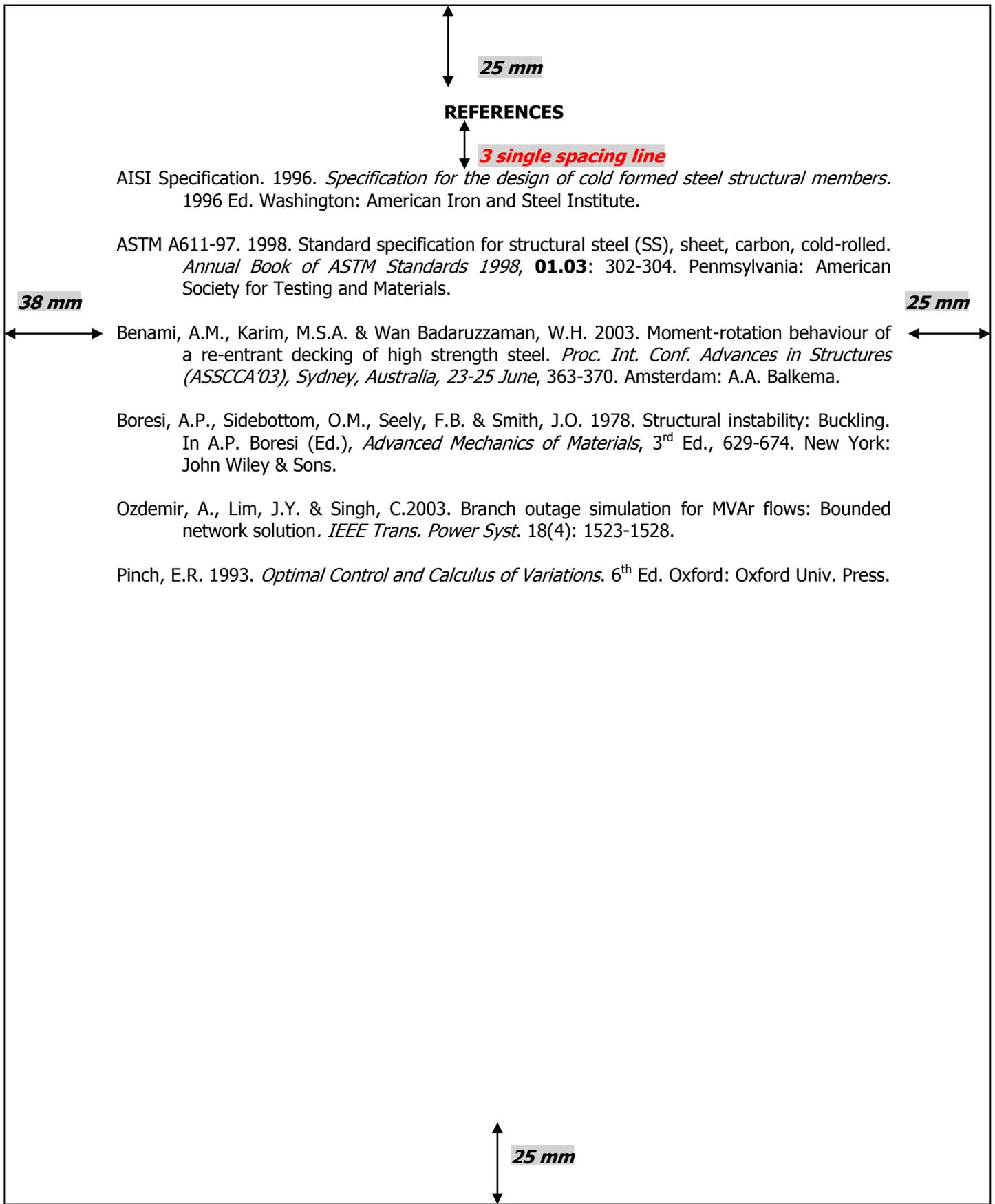


Figure A11. An Example of List of Reference

25 mm

Three other mixes with addition of filler were done. All other values are as per control mix design. These test mixes are CR5 with 5% rubber, CR10 with 10% rubber and 15% rubber. Percentage of rubber added is based on weight of fine aggregate content of control mix. Table 3.6 shows the concrete mix proportion.

2 double spacing line

Table 3.6 Concrete Mix Proportion / 1 x double spacing

Mix	Component Quantities (kg/m ³)				
	Water	Cement	Sand	Gravel	Rubber
Control mix	221	436	628	1072	0
CR5 (5% rubber)	221	436	628	1072	31.4
CR10 (10% rubber)	221	436	628	1072	62.8
CR15 (15% rubber)	221	436	628	1072	94.2

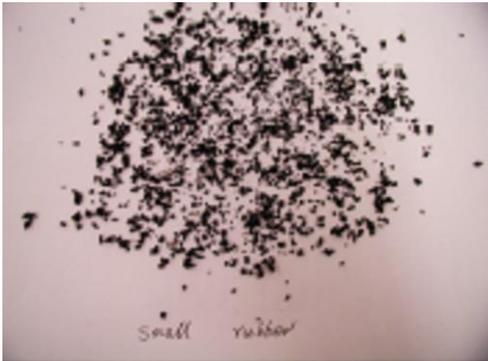
2 double spacing line

The main purpose for this research is focus on the effect of different amounts of crumb rubber particles on mix concrete proportion. The following figures show the different size of crumb rubber particles.

2 double spacing line



(a) Large crumb rubber particles



(b) Small crumb rubber particles

Figure 3.4 Different Sizes of Rubber Particles

1 double spacing line
2 double spacing line

This is because different type of crumb rubber sizes will carry different results and where it is able to use in suitable application of engineering filed.

25 mm

Figure A12. An Example of Table and Figure in Portrait Orientation